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**BES III
Drop Test**

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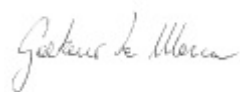
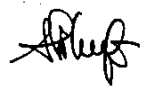
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POWERFLEX ENVIRONMENTAL TEST LABORATORY

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POWERFLEX ENVIRONMENTAL TEST LABORATORY**LISTA DELLE REVISIONI**

Problema	Data	Autore	Pagina	Descrizione
00	26/09/2021	D. A. Cerrato	---	1 ^a Emissione

INDICE

1	INTRODUZIONE.....	7
2	DOCUMENTI APPLICABILI E RIFERIMENTI.....	7
2.1	DOCUMENTI APPLICABILI	7
2.2	DOCUMENTI DI RIFERIMENTO.....	7
2.3	DOCUMENTO ORDINE DI PRIORITÀ.....	7
3	OGGETTO DEL TEST.....	8
4	CATENA DI ACQUISIZIONE DATI	12
4.1	POSIZIONE DEGLI ACCELEROMETRI.....	13
5	CONFIGURAZIONE DEL DROP TEST.....	18
6	SEQUENZA E RISULTATI DEI DROP TEST.....	22
7	CONCLUSIONI	27

ALLEGATO 1 - GRAFICI DROP TEST - ASSE RIFERIMENTO

ALLEGATO 2 - GRAFICI DROP TEST – MISURE COMPLETE

INDICE DELLE FIGURE

Figura 1: Capsula BRS III	8
Figura 2: BES III – Asse X	9
Figura 3: BES III – Asse X	9
Figura 4: BES III – Asse Y	10
Figura 5: BES III – Asse Y	10
Figura 6: BES III – Asse Z	11
Figura 7: BES III – Asse Z	11
Figura 8: LMS SCADA SC305, 16 canali - 24bit ADC	12
Figura 9: Accelerometro Misura MP1 – Base BES III (Punto di impatto)	14
Figura 10: Accelerometro Misura MP1 – Base BES III (Punto di impatto)	14
Figura 11: Accelerometro Misura MP2 – Flangia Laterale	15
Figura 12: Accelerometro Misura MP2 – Flangia Laterale	15
Figura 13: Accelerometro Misura MP3 – Estremo CGEM (vicino punto di impatto)	16
Figura 14: Accelerometro Misura MP3 – CGEM (vicino punto di impatto)	16
Figura 15: Accelerometro Misura MP4 – Centrale CGEM	17
Figura 16: Accelerometro Misura MP4 – Centrale CGEM	17
Figura 17: Configurazione Drop Test Gancio - Asse X	18
Figura 18: Configurazione Drop Test –Gancio e Telecamera - Asse X	19
Figura 19: Misura dell'altezza di caduta – Asse X	19
Figura 20: Configurazione di prova Asse Z	20
Figura 21: Accelerometro Misura MP1 – Anello Esterno (Superficie di impatto)	21
Figura 22: Accelerometro Misura MP1 – Anello Esterno (Superficie di impatto)	21
Figura 23: Overload	24
Figura 24: Misura di accelerazione rilevata nel punto i-esimo	25
Figura 25: Imbozzamenti del CGEM rilevati	26
Figura 26: Imbozzamenti del CGEM scomparsi	26

INDICE DELLE TABELLE

Tabella 1: Caratteristiche BES III	8
Tabella 2: Caratteristiche Accelerometro PCB modello 356A16	12
Tabella 3: Accelerometri - tipo, numeri di serie e posizione – prova di drop	13
Tabella 4: Lista Drop Test eseguiti	22
Tabella 5: Drop Test – Asse X	23
Tabella 6: Drop Test – Asse Z	24

ELENCO DEGLI ACRONIMI E SIMBOLI

ADC	CONVERTITORE ANALOGICO-DIGITALE
FRF	FUNZIONE DI RISPOSTA DI FREQUENZA
ID	IDENTIFICAZIONE
NA	NON APPLICABILE
P/N	PART NUMBER
S/N	SERIAL NUMBER

1 INTRODUZIONE

Lo scopo di questo documento è di descrivere una campagna di drop test eseguiti su un modulo cilindrico tristrato di CGEM incapsulato in un rinforzo esterno denominato BES III prodotto dall' Istituto Nazionale di Fisica Nucleare. con sede in Via Enrico Fermi , 54 - 00044 Frascati (Roma) - Italy

I drop test hanno lo scopo di verificare che il BES III sia in grado di sostenere senza danni, piegature e/o imbozzamenti strutturali gli urti meccanici provocati con varie cadute da altezze differenti misurando il livello di sollecitazione trasmesso al BES III.

I drop test sono stati eseguiti presso il laboratorio INFN, con sede in Frascati (Roma, in nel giorno 16 Settembre.

Le persone coinvolte nei test sono di seguito elencate:

NOME	AZIENDA
D. A. Cerrato	Powerflex
M. Melchiorri	INFN
E. Paoletti	INFN

2 DOCUMENTI APPLICABILI E RIFERIMENTI

2.1 DOCUMENTI APPLICABILI

[R1] ---

2.2 DOCUMENTI DI RIFERIMENTO

[R2] ---

2.3 DOCUMENTO ORDINE DI PRIORITÀ

Tra i documenti elencati è stato stabilito il seguente ordine di priorità:

- ☐ Documenti applicabili
- ☐ Questo documento
- ☐ Documenti di riferimento

3 OGGETTO DEL TEST

L'oggetto del test è descritto in Tabella 1 e raffigurato insieme alla sua capsula in Figura 1.
Prima di eseguire il drop test l'oggetto è stato pesato tramite bilancia di precisione.

ID	P/N	S/N	PESO	DIMENSIONE (LxDe)	Q.tà
BES III	***	***	5.1 kg	950x358mm	1

Tabella 1: Caratteristiche BES III



Figura 1: Capsula BES III

Le figure seguenti mostrano il BES III ed i relativi assi ortogonali considerati come riferimento durante il test:

- ☐ Asse X ⇒ direzione radiale di riferimento
- ☐ Asse Y ⇒ direzione radiale ortogonale a X
- ☐ Asse Z ⇒ direzione verticale

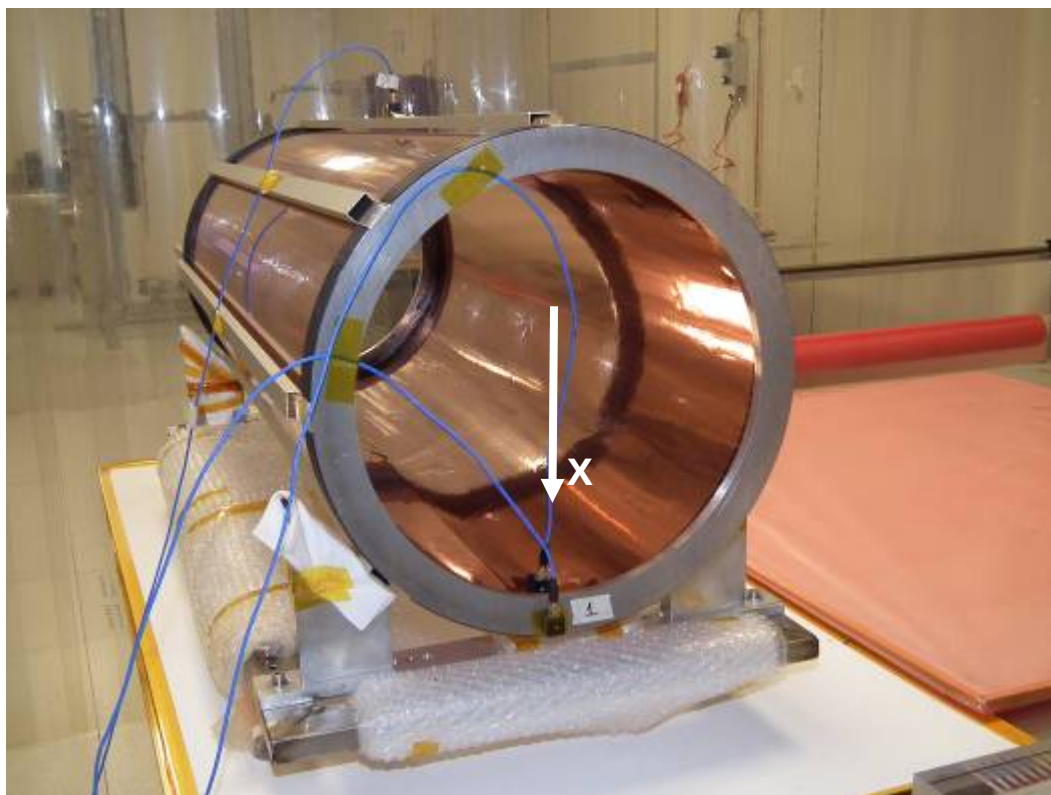


Figura 2: BES III – Asse X.



Figura 3: BES III – Asse X.

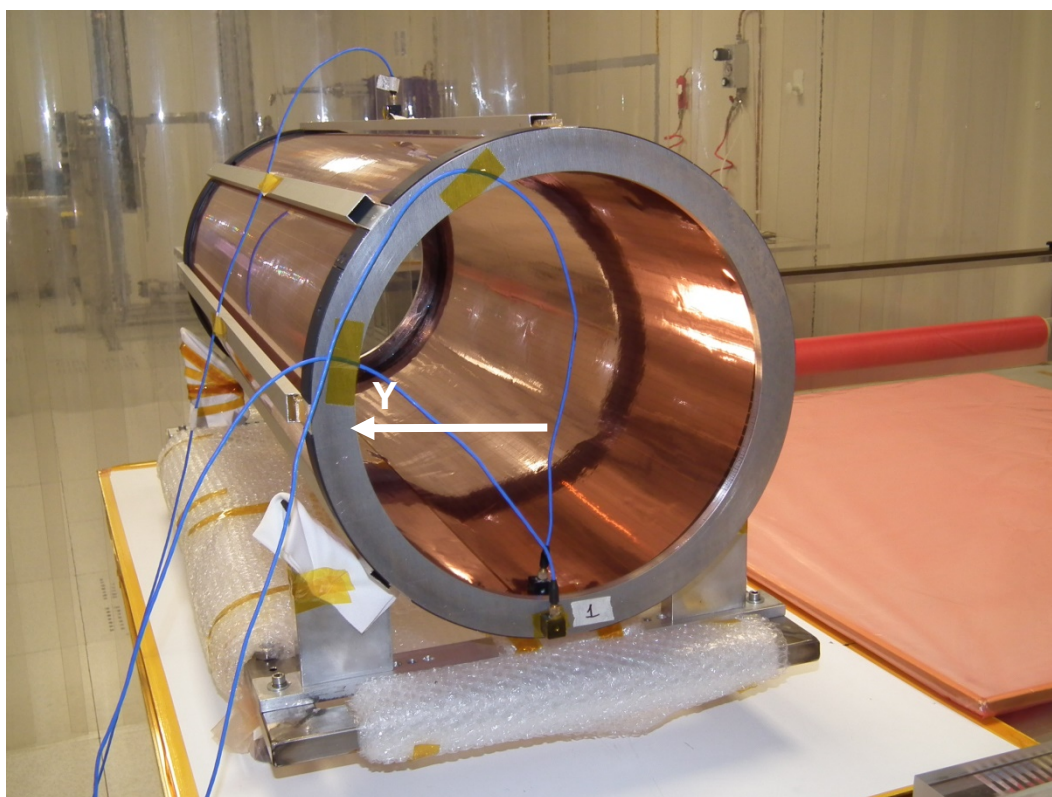


Figura 4: BES III – Asse Y

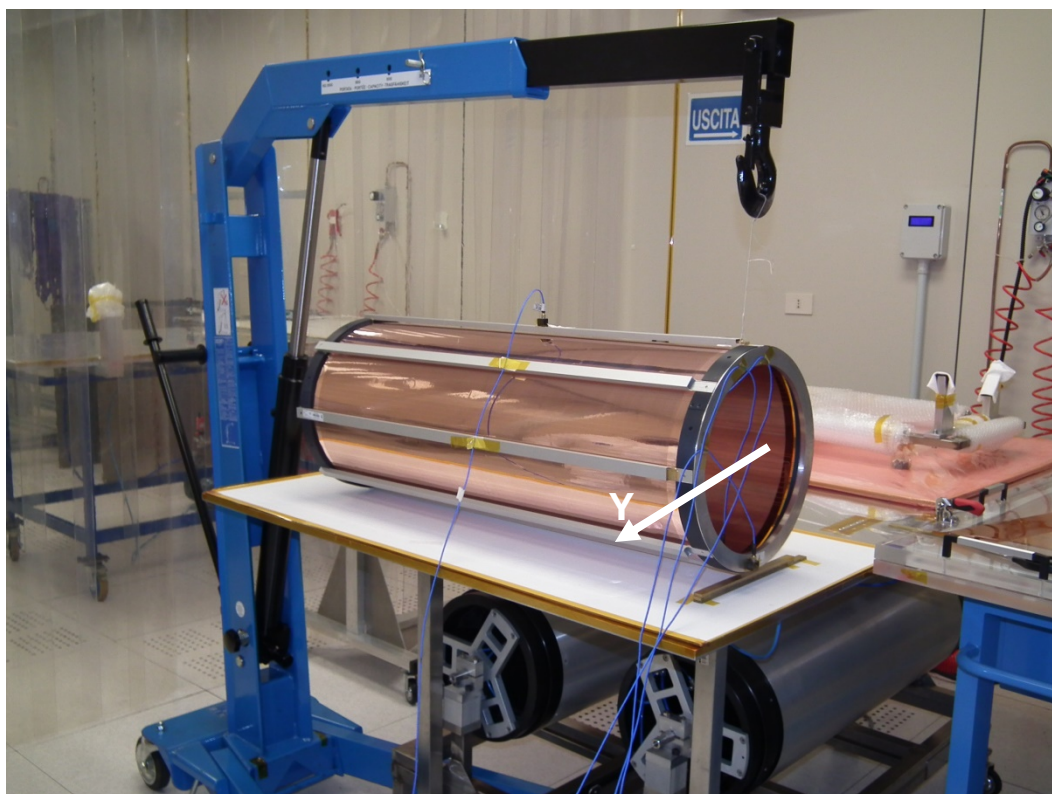


Figura 5: BES III – Asse Y.



Figura 6: BES III – Asse Z.

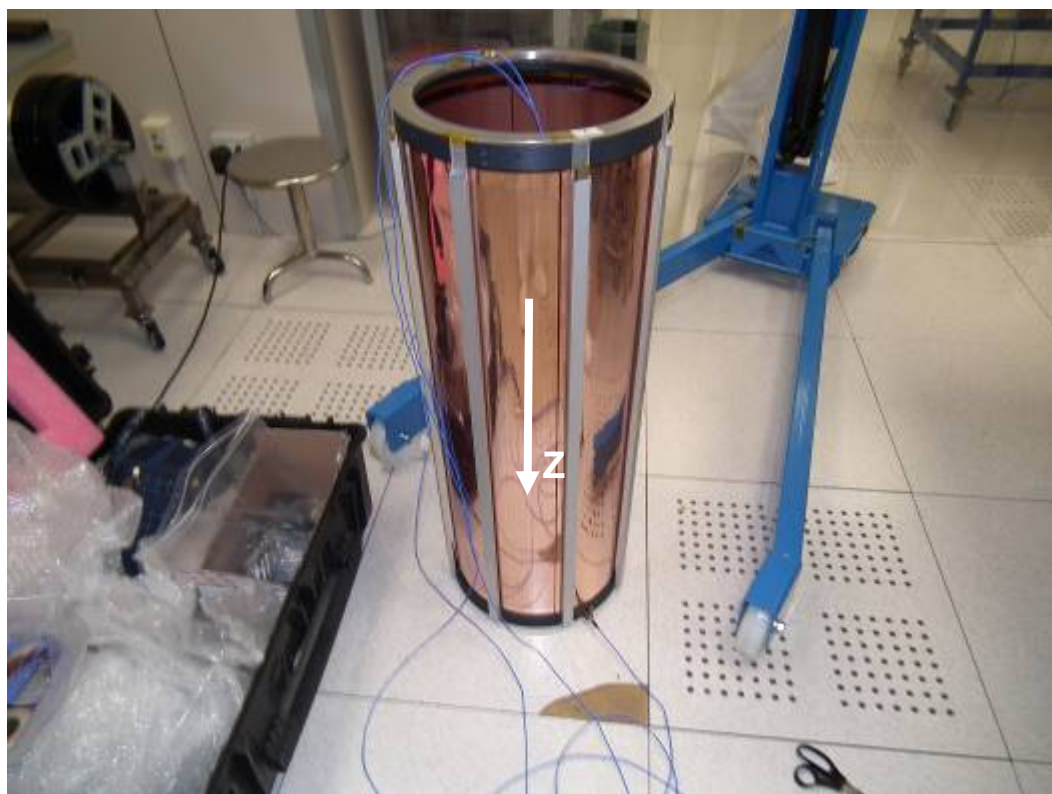


Figura 7: BES III – Asse Z

4 CATENA DI ACQUISIZIONE DATI

La strumentazione utilizzata per l'acquisizione e la registrazione dati relativamente ai test di caduta è costituita da :

- N. 1 sistema di controllo LMS SCADA SC 305, 16 canali ICP
- N. 4 accelerometri tri-assiali piezoelettrici PCB - modello 356A16



Figura 8: LMS SCADA SC305, 16 canali - 24bit ADC

Per i suddetti drop test, sono stati utilizzati Nr. 1 accelerometri tri-assiali PCB come input mentre per la misura delle accelerazioni pervenute sull'oggetto in prova sono stati utilizzati Nr. 3 PCB accelerometri tri-assiali. Le caratteristiche tecniche degli accelerometri utilizzati sono riassunte nella tabella seguente:

PCB 356A16		
Produttore	PCB	
P/N	356A16	
Sensibilità nominale	100mV/g	
Intervallo di frequenza	0.5Hz÷ 5kHz	
Accelerazione massima	± 50g	
Risoluzione	0.001g _{rms}	
Peso	7.4gr	

Tabella 2: Caratteristiche Accelerometro PCB modello 356A16

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Gli accelerometri tri-assiali usati per eseguire i drop test sono stati orientati rispetto gli assi di riferimento X, Y e Z dell'oggetto di prova.

Essi sono stati classificati ed illustrati nella tabella e nelle figure seguenti.

Canale	Modello	S/N	Alimentazione	Misura	Posizione
MP1_X	PCB 356A16	LW134240	ICP	Misura/Controllo(*)	Punto di impatto Anello esterno BES III
MP1_Y					
MP1_Z					
MP2_X	PCB 356A16	LW136502	ICP	Misura	Flangia Laterale BES III
MP2_Y					
MP2_Z					
MP3_X	PCB 356A16	LW136550	ICP	Misura	Estremo CGEM vicino punto di impatto
MP3_Y					
MP3_Z					
MP4_X	PCB 356A16	LW134281	ICP	Misura	Centrale CGEM
MP4_Y					
MP4_Z					

Tabella 3: Accelerometri - tipo, numeri di serie e posizione – prova di drop

(*) MP1 è stato posizionato vicino il punto di caduta ed usato come riferimento in direzione X con i restanti canali Y e Z di misura. Per il drop verticale (Asse Z) è stato usato come riferimento il canale Z e come misura X ed Y.

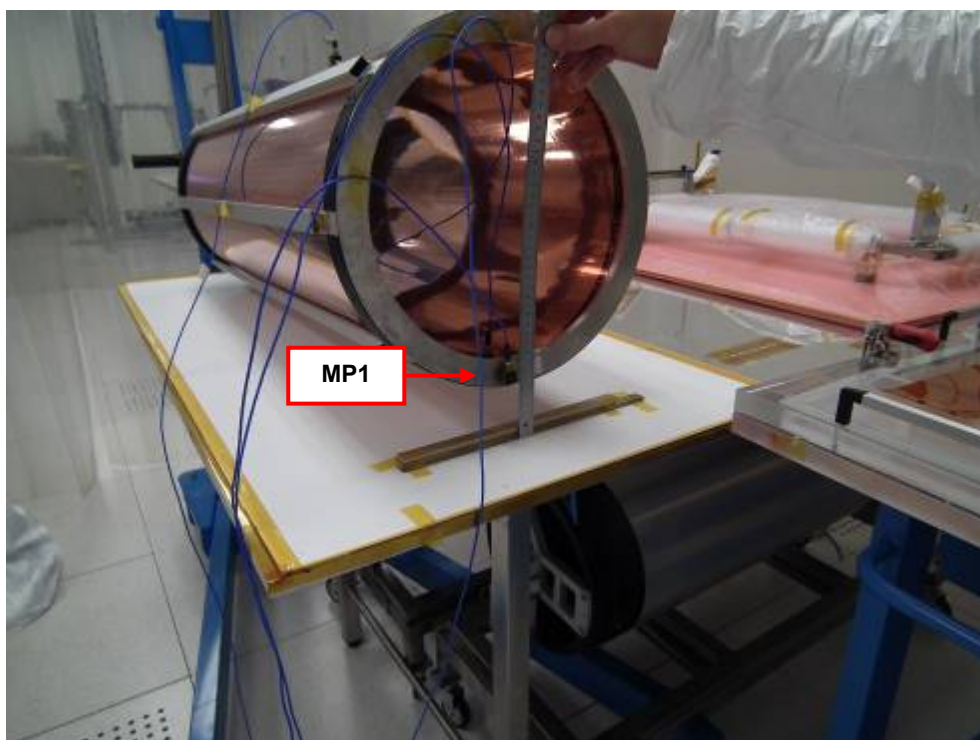


Figura 9: Accelerometro Misura MP1 – Base BES III (Punto di impatto).

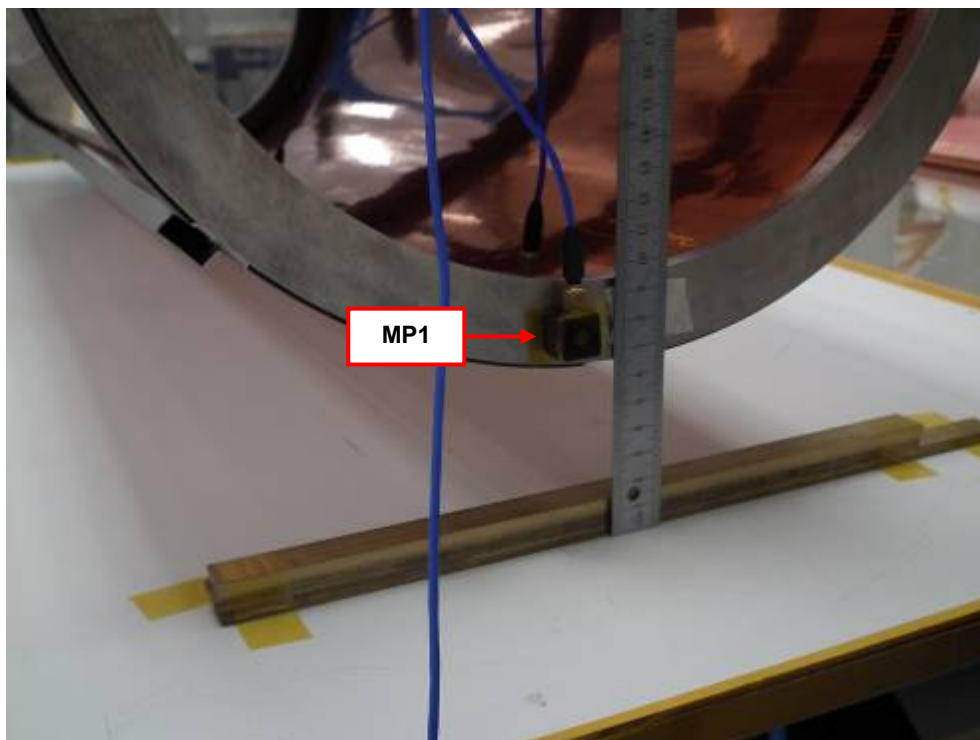


Figura 10: Accelerometro Misura MP1 – Base BES III (Punto di impatto).



Figura 11: Accelerometro Misura MP2 – Flangia Laterale

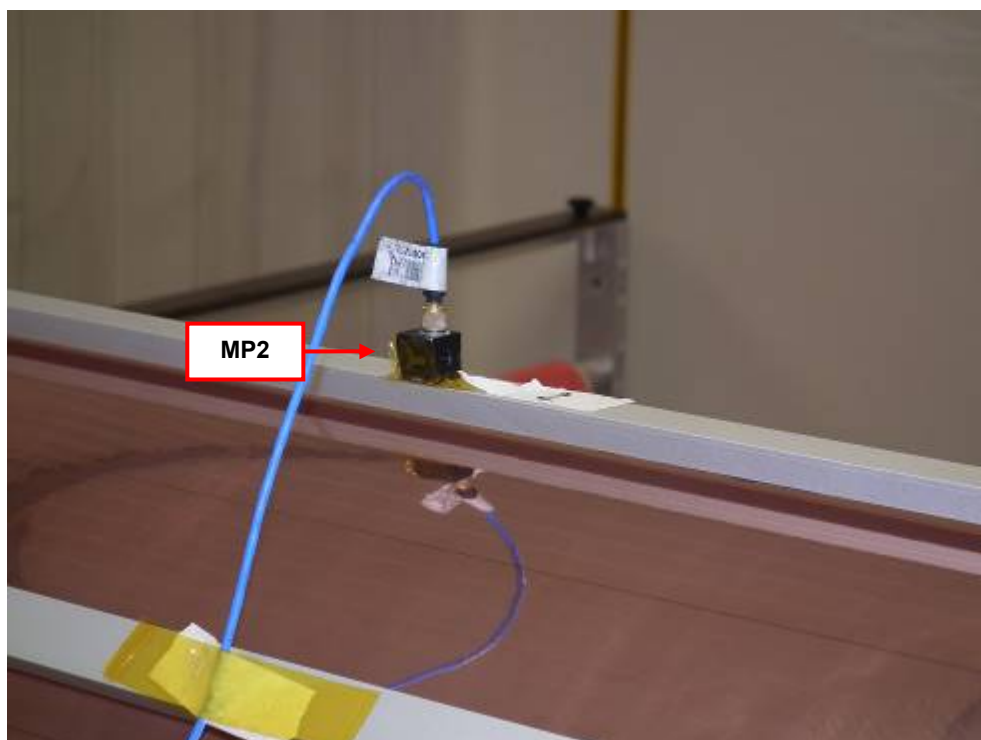


Figura 12: Accelerometro Misura MP2 – Flangia Laterale

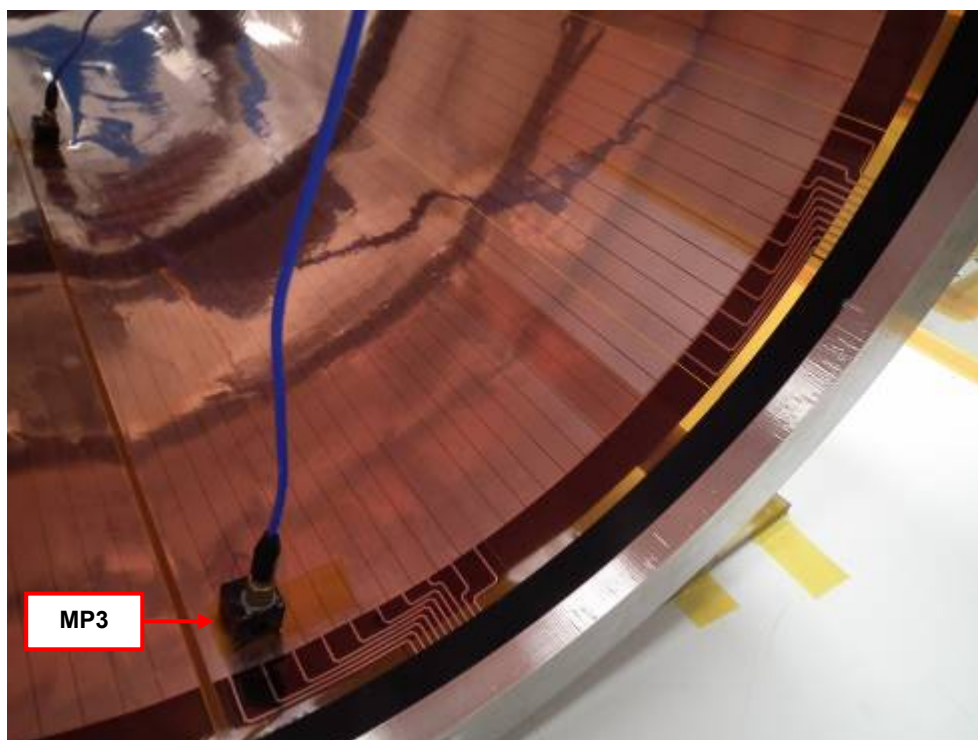


Figura 13: Accelerometro Misura MP3 – Estremo CGEM (vicino punto di impatto)

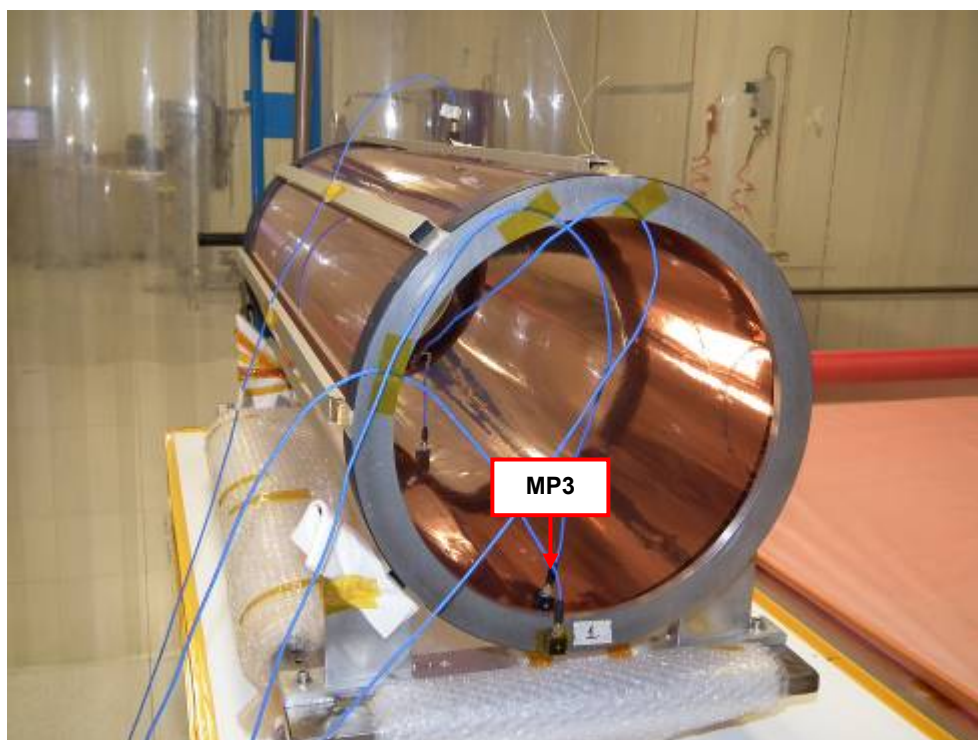


Figura 14: Accelerometro Misura MP3 – CGEM (vicino punto di impatto)

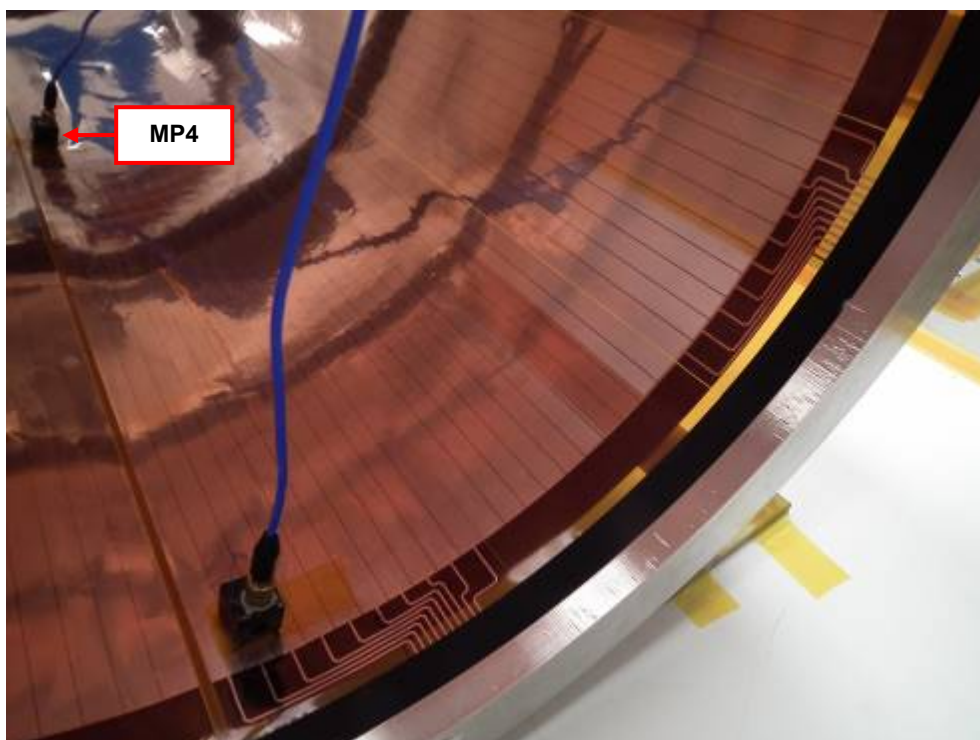


Figura 15: Accelerometro Misura MP4 – Centrale CGEM

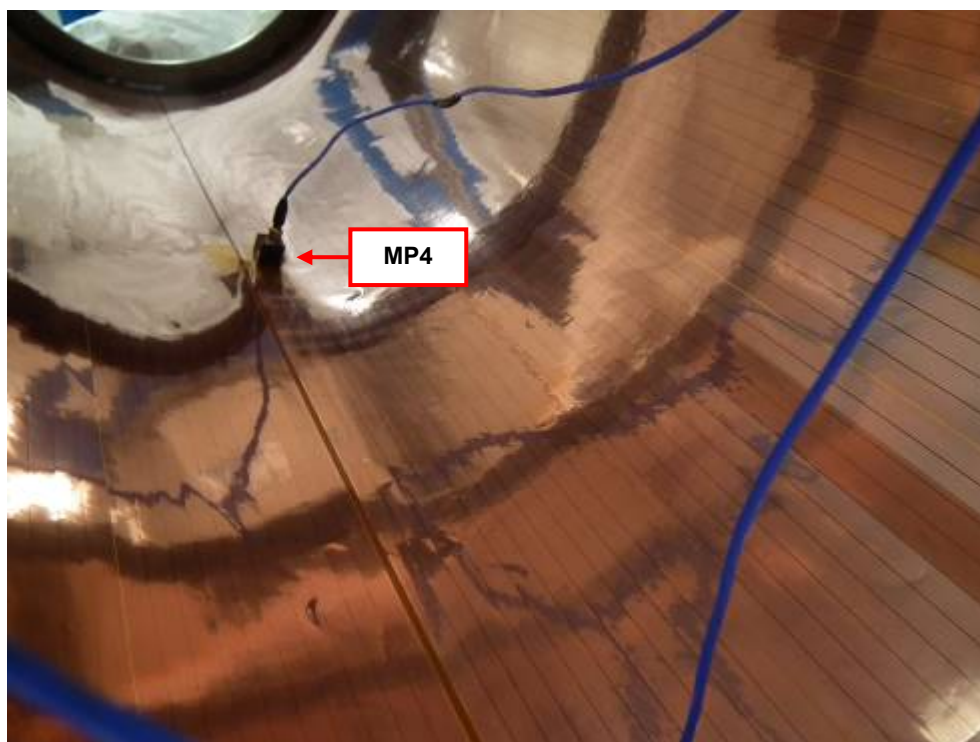


Figura 16: Accelerometro Misura MP4 – Centrale CGEM

5 CONFIGURAZIONE DEL DROP TEST

L'articolo di prova è stato strumentato con n.4 accelerometri e fissato ad un gancio esterno tramite filo di nylon collegato ad un estremo al gancio stesso e all'altro estremo alla capsula esterna del CGEM in prossimità di uno dei due anelli di estremità come illustrato in Figura 17. Tagliando il filo di nylon, l'articolo di prova è stato lasciato cadere liberamente eseguendo il drop test.

Il drop test è stato eseguito in due configurazioni :

- Asse X: l'oggetto di prova è stato posizionato longitudinale e fatto cadere su un punto dell'anello esterno.
- Asse Z: l'oggetto di prova è stato posizionato verticale e fatto cadere su tutto l'anello esterno.



Figura 17: Configurazione Drop Test Gancio - Asse X

Nel punto di impatto, in corrispondenza dell'anello esterno della capsula, sono stati inseriti n.3 barrette di ottone ognuna con spessore di 1.8mm in modo che solo l'anello esterno della capsula (dove è stato installato il sensore Mp1 di controllo del drop) impattasse e non ci fosse il successivo urto della flangia esterna.

Inoltre ,al fine di esaminare meglio il comportamento della l'articolo di prova negli istanti successivi all'urto, è stata utilizzata dal personale INFN una telecamera ad alta velocità MOD: Nikon Z50 come illustrato in Figura 18.

L'altezza di caduta è stata per ogni drop test misurata come distanza dalla sommità delle barrette di ottone alla parte esterna dell'anello metallico della capsula esterna come illustrato in Figura 19.

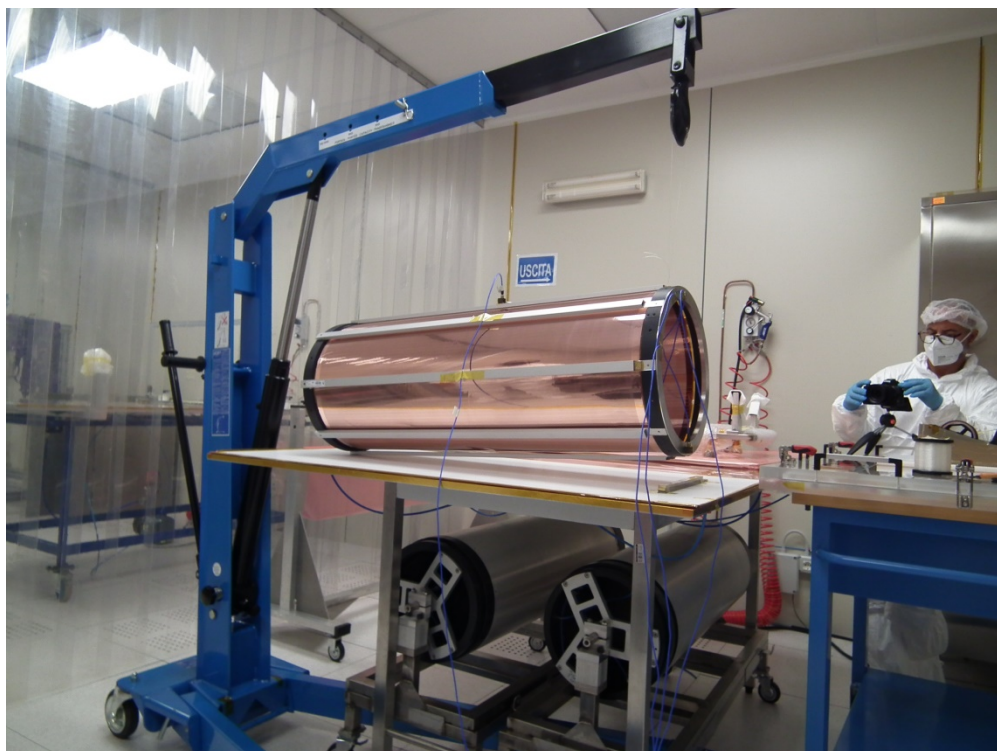


Figura 18: Configurazione Drop Test –Gancio e Telecamera - Asse X

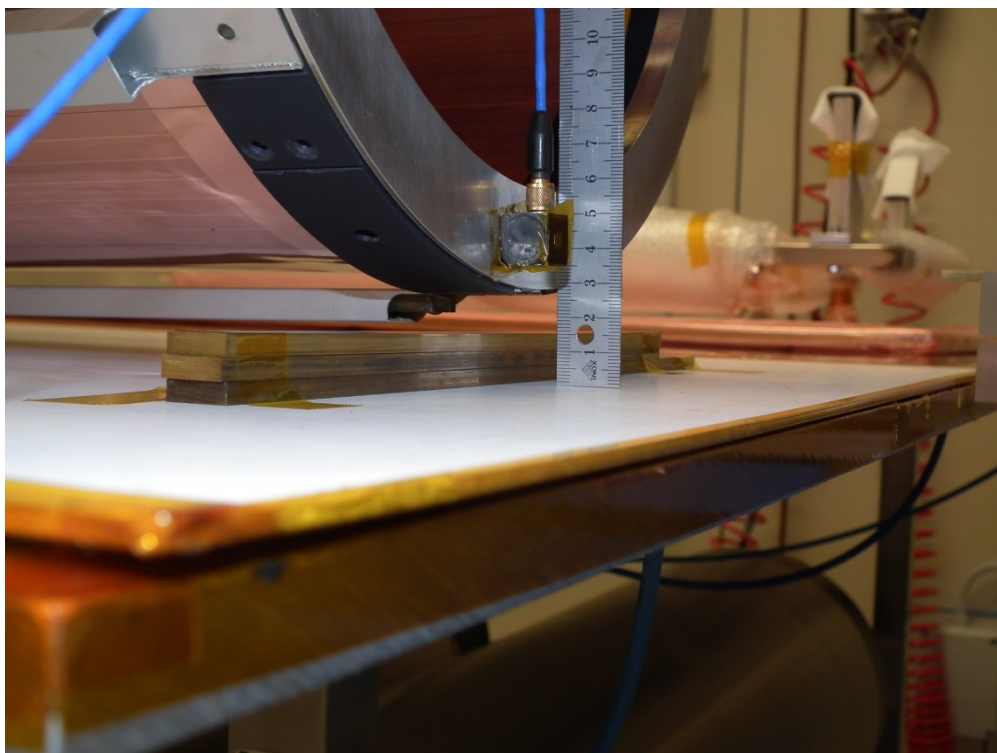


Figura 19: Misura dell'altezza di caduta – Asse X

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Nella figura seguente è illustrata la configurazione di prova denominata Asse Z verticale con l'oggetto in prova posizionato in verticale rispetto il suo asse longitudinale.

L'articolo di prova è stato strumentato con gli stessi n.4 accelerometri della configurazione asse X e fissato ad un gancio esterno tramite filo di nylon collegato ad un estremo al gancio stesso e all'altro estremo alla capsula esterna del CGEM in prossimità di uno dei due anelli di estremità. Tagliando il filo di nylon, l'articolo di prova è stato lasciato cadere liberamente eseguendo il drop test.

Da notare che, al fine di ottenere una caduta quanto più uniforme possibile (ossia che tutta la superficie dell'anello esterno impattasse nel medesimo istante) ci si è assicurati che la distanza dal pavimento fosse omogenea per tutto l'anello esterno misurando tale distanza in diversi punti dell'anello esterno e aspettando che il corpo, messo in sospensione, finito di oscillare fosse fermo.

Il controllo del drop test è stato eseguito sull' accelerometro MP1, opportunamente spostato dalla precedente posizione (asse X) ed orientato con gli altri accelerometri di misura concordemente agli assi di riferimento.

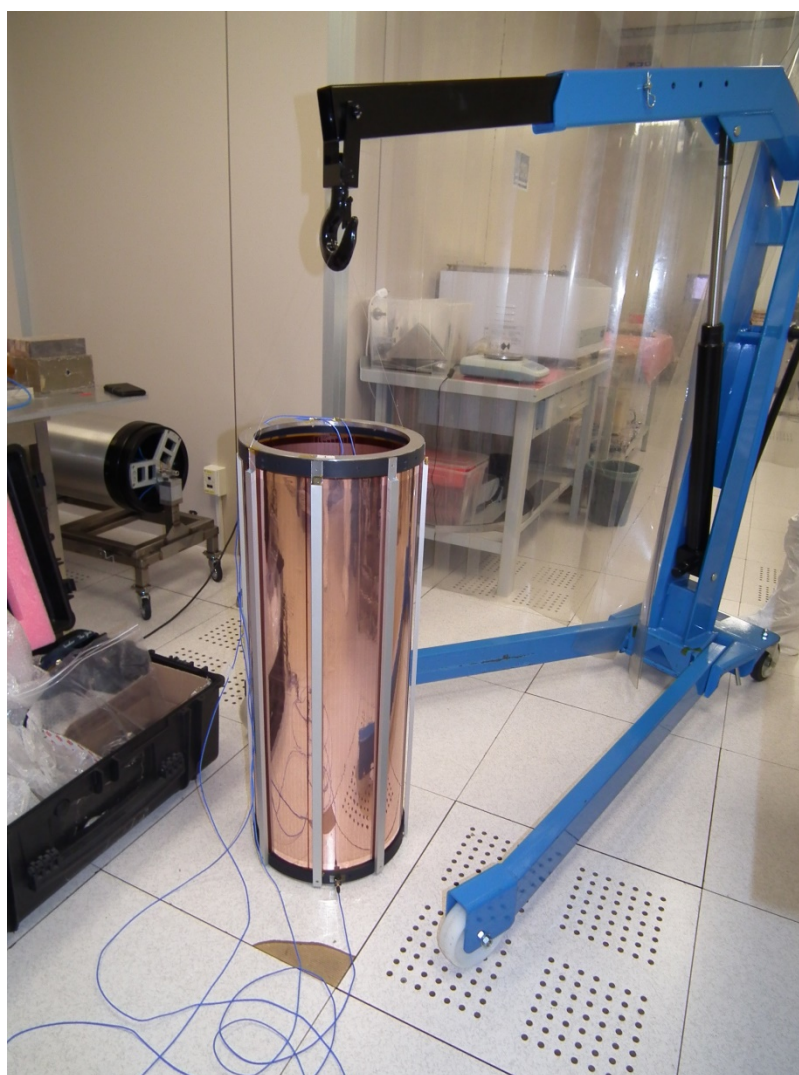


Figura 20: Configurazione di prova Asse Z

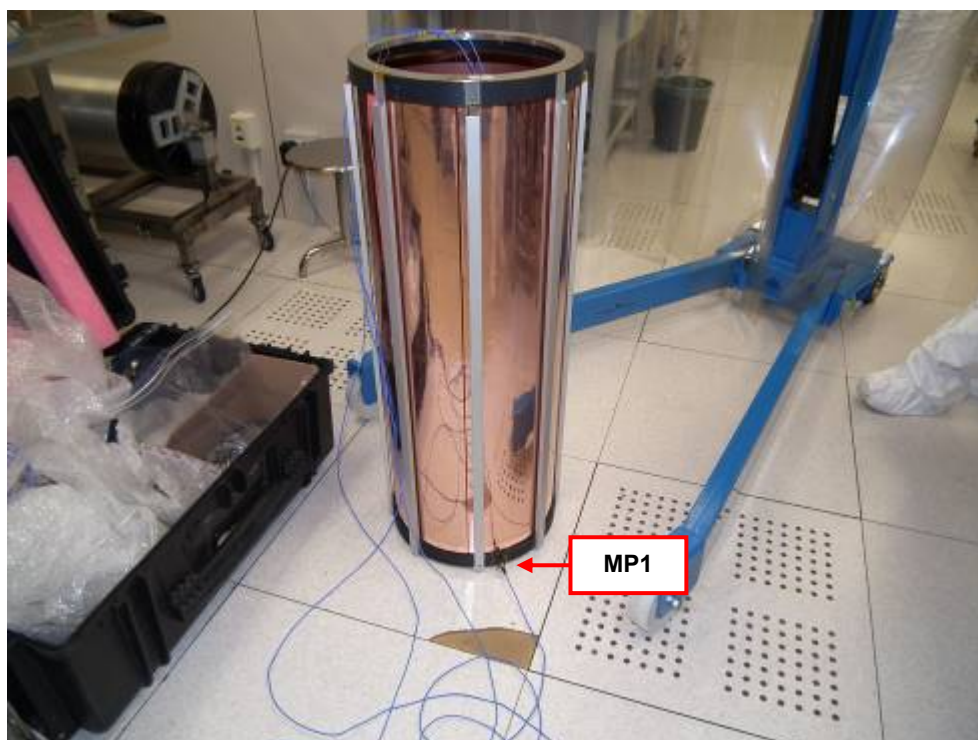


Figura 21: Accelerometro Misura MP1 – Anello Esterno (Superficie di impatto).

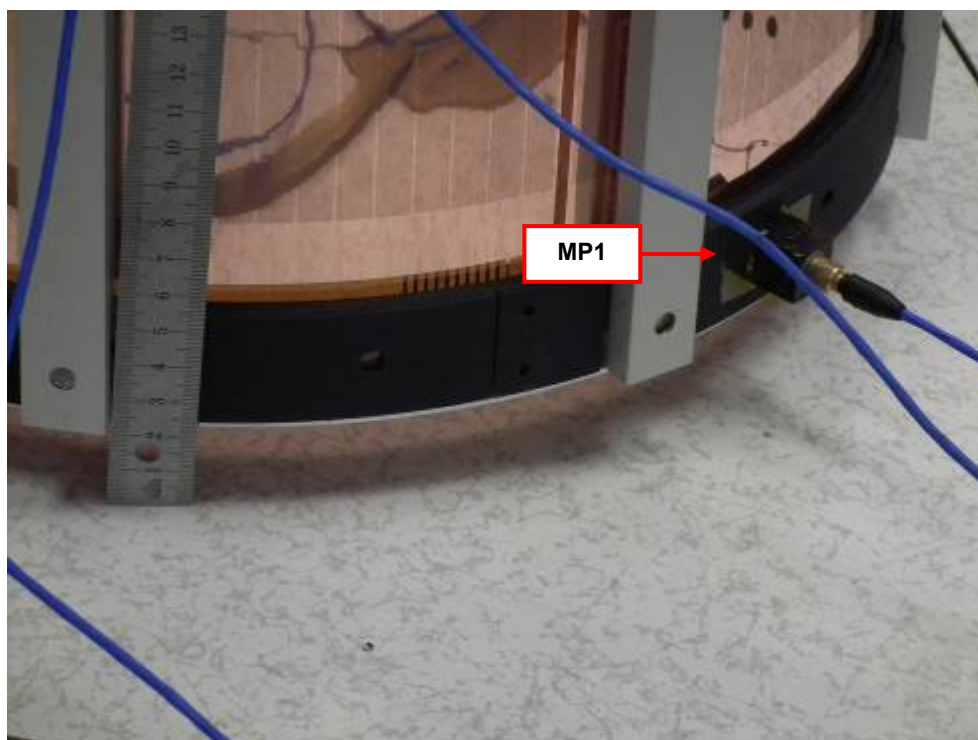


Figura 22: Accelerometro Misura MP1 – Anello Esterno (Superficie di impatto).

6 SEQUENZA E RISULTATI DEI DROP TEST

In totale per il BES III sono state eseguiti n°9 test di drop per gli assi di riferimento X e Z.
Per l'asse X sono state eseguite 7 drop test da altezze di impatto crescenti da 1 a 5 cm.
Per l'asse Z si è riusciti ad eseguire solo due drop da 1cm e 2 cm di altezza.

Per la precisione, sono stati eseguiti anche 2 test definiti "a corpo libero" per simulare la fase di trasporto a mano dell'oggetto in prova ossia mantenendo il BES III da entrambe l'estremità tramite un operatore; in tal caso le accelerazioni misurate nei 4 punti di misura sono risultate trascurabili. Tale test "a corpo libero" non è stato inserito nella sequenza dei drop test.

Nella tabella successiva viene illustrata la sequenza dei test cronologicamente eseguita con altezze crescenti.

Lista Test	Nome Test	Orario
Drop Test 1	1 cm - Ottone	14.46
Drop Test 2	1 cm - Ottone 1	14.53
Drop Test 3	1 cm - Ottone 2	15.08
Drop Test 4	1.5 cm -Ottone	15.13
Drop Test 5	2cm - Ottone	15.21
Drop Test 6	3cm - Ottone	15.24
Drop Test 7	5cm - Ottone	15.30
Drop Test 8	1cm Pavimento	15.47
Drop Test 9	2cm -Pavimento	15.56

Tabella 4: Lista Drop Test eseguiti

La sequenza segue la cronologia dei test eseguiti e sono riportati gli orari di esecuzione per permettere la correlazione delle accelerazioni misurate con i video eseguiti con la telecamera ad alta velocità.

In seguito vengono riportati tabellati i risultati delle accelerazioni misurate (positive e negative) per ogni singolo drop test distinte per punto di misura, asse e per altezza di caduta.

Test 1	Asse X	H=1cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 X	Overload	Overload
MP2 X	4.7	-8.3
MP3 X	7.6	-10
MP4 X	2.6	-4.5

Test 2	Asse X	H=1cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 X	2.8	-5.5
MP2 X	5.9	7.2
MP3 X	7.7	-11
MP4 X	NA	NA

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Test 3	Asse X	H=1cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 X	Overload(*)	Overload
MP2 X	5.8	-7.8
MP3 X	6.6	-12
MP4 X	1.4	-3.3

Test 4	Asse X	H=1.5 cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 X	4.2	-11.4
MP2 X	10.2	-8.0
MP3 X	6.6	-9.5
MP4 X	2.5	-4.9

Test 5	Asse X	H=2 cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 X	4.9	-12.1
MP2 X	7.5	-13
MP3 X	6.1	-11
MP4 X	2.3	-4.2

Test 6	Asse X	H=3 cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 X	15.7	-12.4
MP2 X	15.5	-18
MP3 X	8.4	-17.6
MP4 X	3.1	5.6

Test 7	Asse X	H=5 cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 X	Overload	Overload
MP2 X	Overload	Overload
MP3 X	13.50	-25.5
MP4 X	4.9	-12.5

Tabella 5: Drop Test – Asse X

(*)Overload = L'accelerometro è andato in saturazione superando la soglia di 50g; è possibile che nella fase di caduta l'accelerometro abbia urtato contro le barrette di ottone.

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Test 8	Asse Z	H=1 cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 Z	Overload	Overload
MP2 Z	Overload	Overload
MP3 Z	23.4	-29.3
MP4 Z	-7.3	-23.3

Test 9	Asse Z	H=2 cm
Punto Misura	Max Accelerazione (g)	
	Positive	Negative
MP1 Z	13.1	-37.5
MP2 Z	6.0	-19.3
MP3 Z	13.3	-32.5
MP4 Z	6.7	-25.7

Tabella 6: Drop Test – Asse Z

Per meglio interpretare i grafici allegati si riportano i seguenti due grafici:

- Overload (Figura 23)
- Misura di accelerazione i-esima (Figura 24)

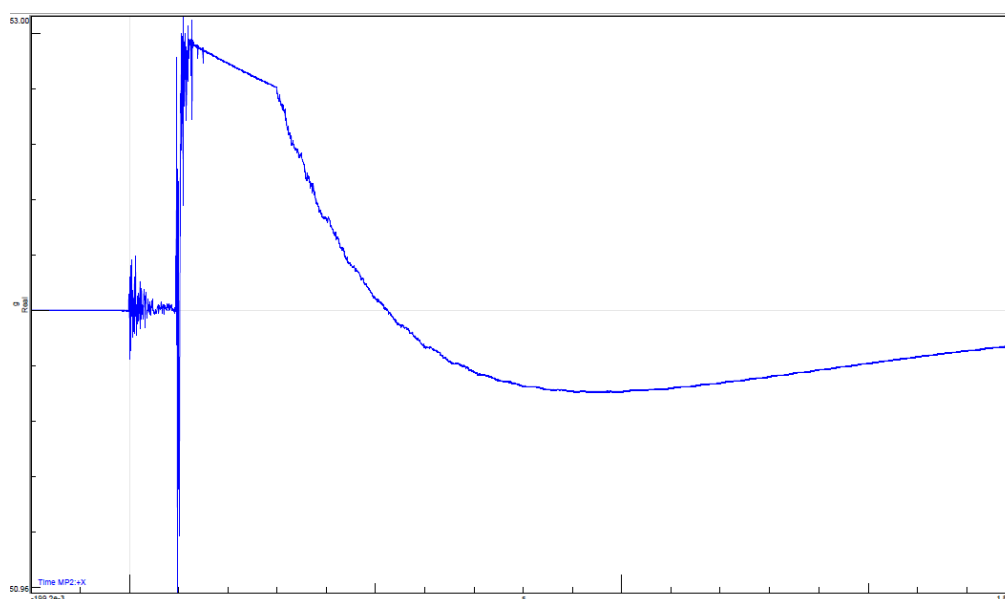


Figura 23: Overload

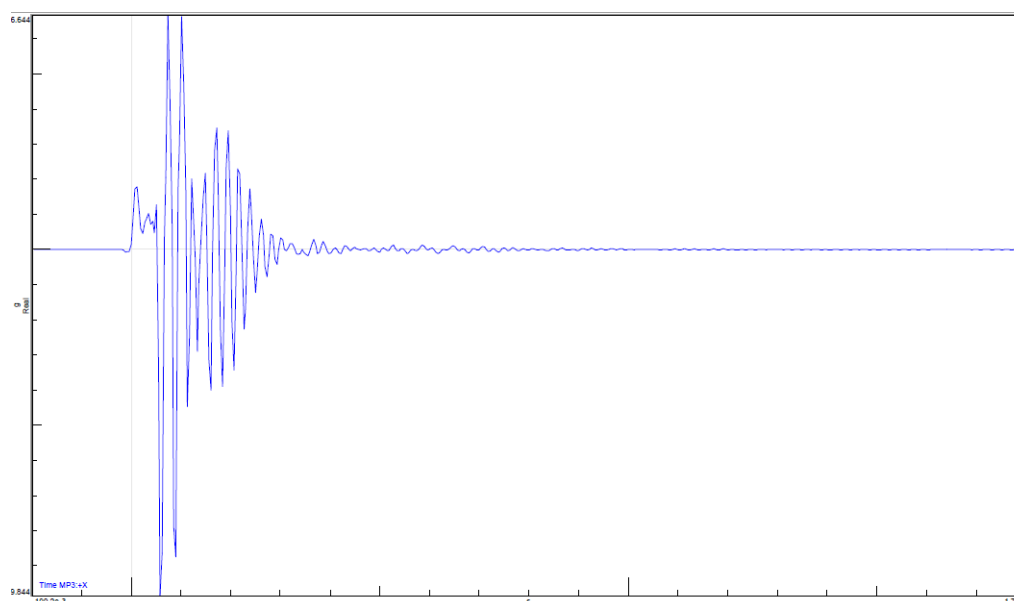


Figura 24: Misura di accelerazione rilevata nel punto i-esimo

Da una prima analisi dei dati e da quanto osservato in laboratorio emerge un comportamento non lineare del GCEM, che si ricorda essere un materiale tri-strato dotato di milioni di fori, che a seguito delle sollecitazioni generate dal drop test si deforma con pieghe, strigliature e bozze in maniera randomica con presenza e scomparsa delle stesse da un test ad un altro.

Probabilmente durante il test n.7 si sono generate deformazioni plastiche e/o permanenti del CGEM. Sono necessarie ulteriori prove per confermare questo dato. Mentre è risultato evidente, durante gli altri test, che non si sono generate deformazioni plastiche e/o permanenti del CGEM qualsiasi sia stato l'asse sollecitato.

Le risposte degli accelerometri di controllo/misura riferite al solo asse di indagine sono riportate in allegato n.1, per ciascun asse X e Z sollecitato.

Le risposte degli accelerometri di controllo/misura nella loro totalità (X,Y e Z) sono riportate in al-legato n.2, per ciascun asse X, Y e Z sollecitato.

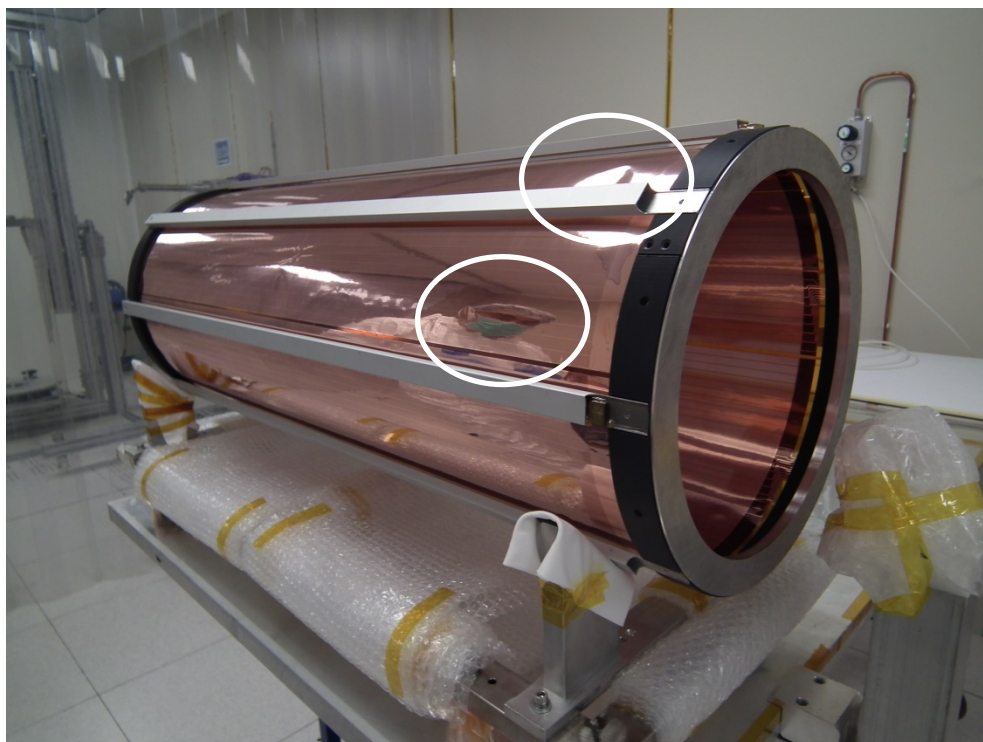


Figura 25: Imbozzamenti del CGEM rilevati

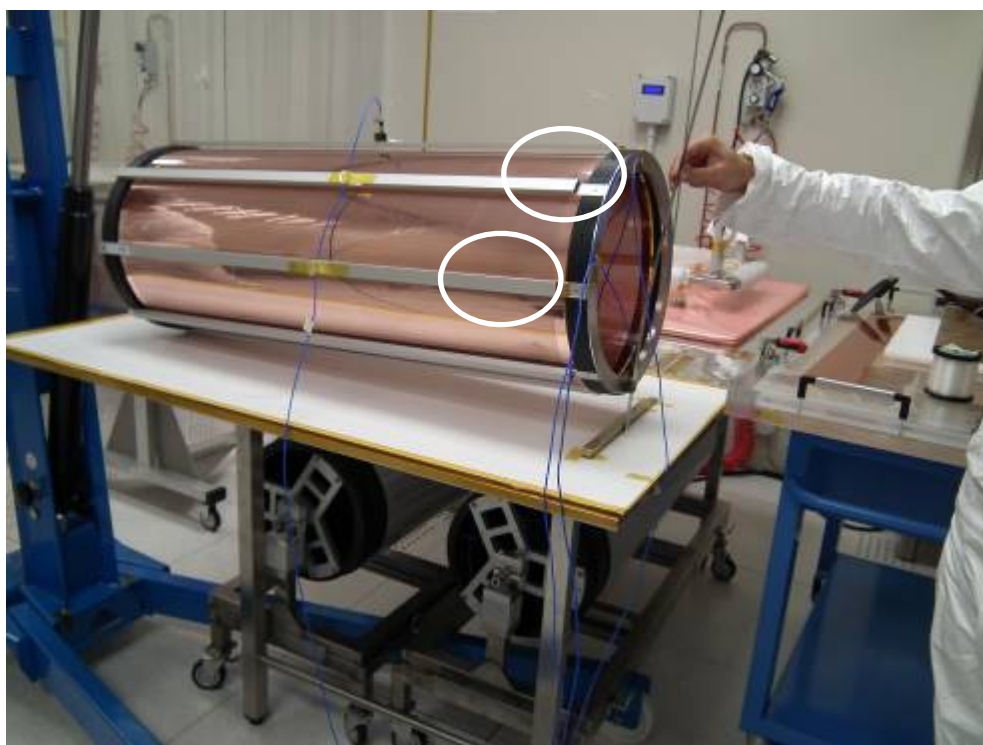


Figura 26: Imbozzamenti del CGEM scomparsi

7 CONCLUSIONI

I drop test sono stati eseguiti presso il laboratorio INFN, con sede in Frascati (Roma, in nel giorno 16 Settembre.

I drop test hanno lo scopo di verificare che il BES III sia in grado di sostenere senza danni, piegature e/o imbozzamenti strutturali gli urti meccanici provocati con varie cadute da altezze differenti misurando il livello di sollecitazione trasmesso.

L'articolo di prova è stato strumentato con n.4 accelerometri e fissato ad un gancio esterno tramite filo di nylon collegato ad un estremo al gancio stesso e all'altro estremo alla capsula esterna del CGEM in prossimità di uno dei due anelli di estremità.

Il drop test è stato eseguito in due configurazioni :

- Asse X: l'oggetto di prova è stato posizionato longitudinale e fatto cadere su un punto dell'anello esterno.
- Asse Z: l'oggetto di prova è stato posizionato verticale e fatto cadere su tutto l'anello esterno.

Per ogni asse X e Z sollecitato, il personale di Powerflex e di INFN ha eseguito numerose ispezioni visive del BES III durante e dopo ogni drop test; tali ispezioni visive hanno evidenziato delle anomalie come pieghe, strigliature e bozze del CGEM che compaiono e scompaiono in maniera randomica da un test ad un altro.

Probabilmente durante il test n.7 si sono generate deformazioni plastiche e/o permanenti del CGEM. Sono necessarie ulteriori prove per confermare questo dato. Mentre è risultato evidente, durante gli altri test, che non si sono generate deformazioni plastiche e/o permanenti del CGEM qualsiasi sia stato l'asse sollecitato.

I grafici delle prove eseguite sono riportati nei seguenti allegati n.1 (riferiti al solo asse di indagine X o Z e n.2 (riferiti alla totalità dei dati acquisiti).

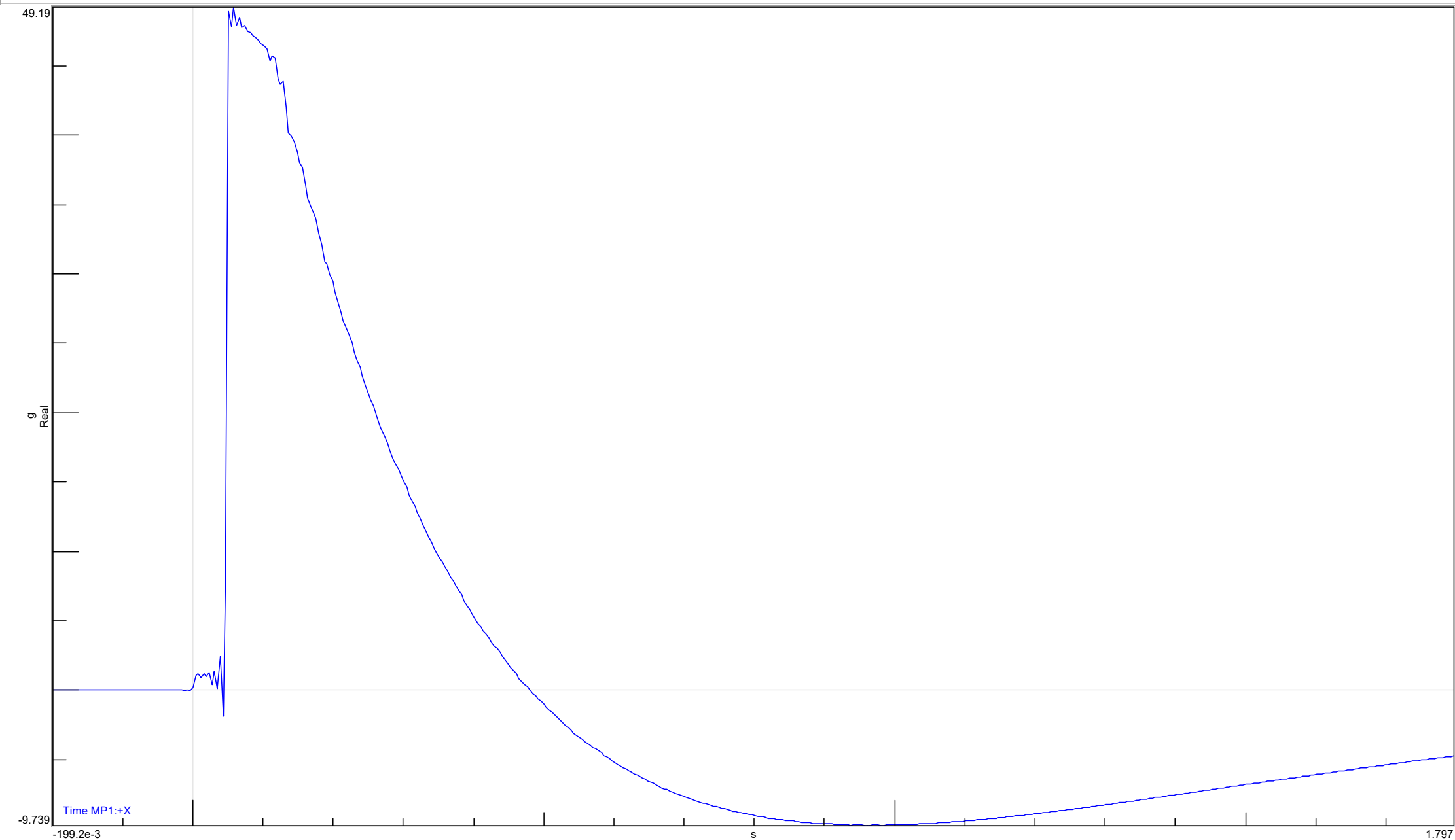
ALLEGATO 1 - GRAFICI DROP TEST - ASSE RIFERIMENTO

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP1:+X

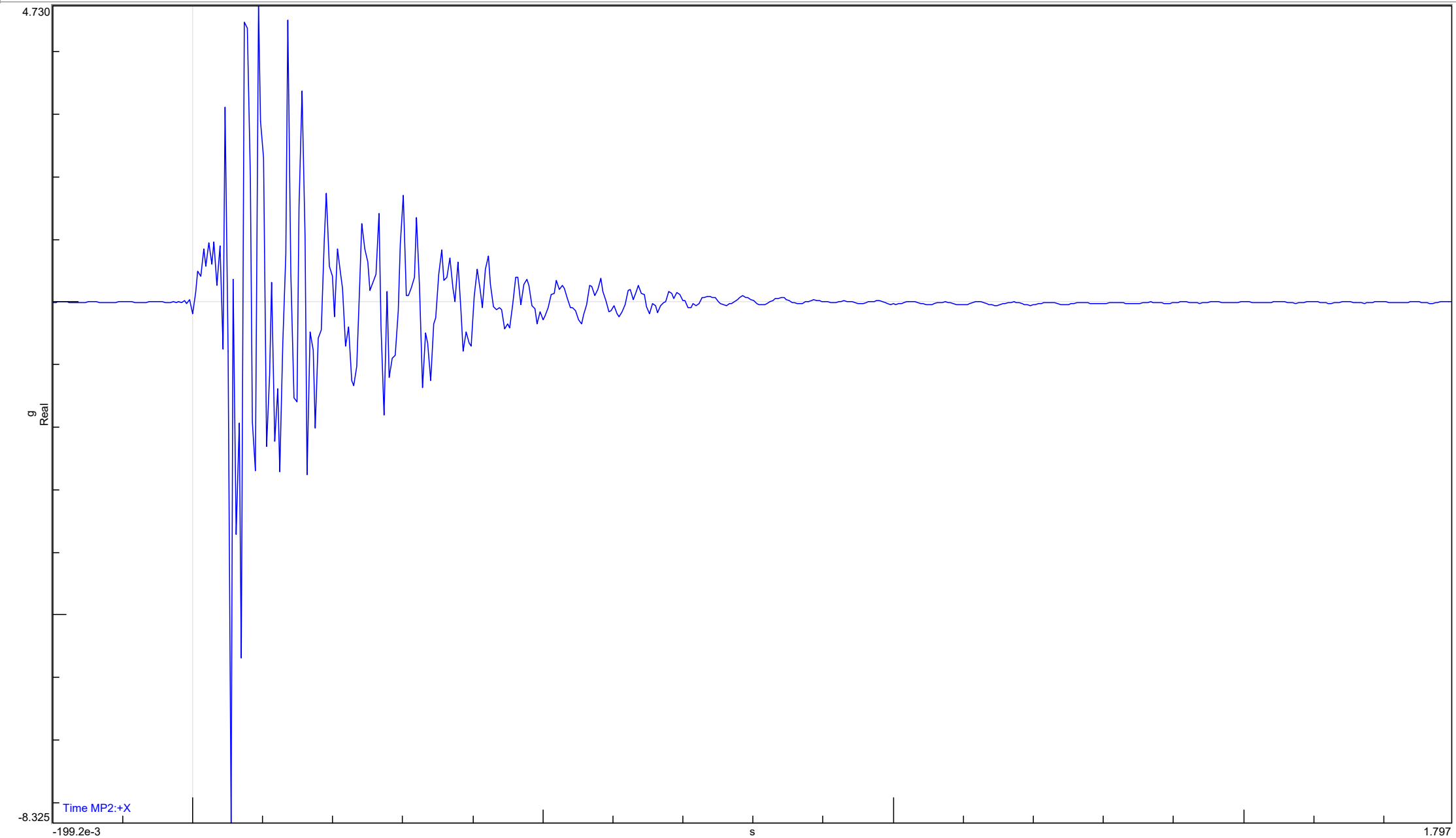


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP2:+X

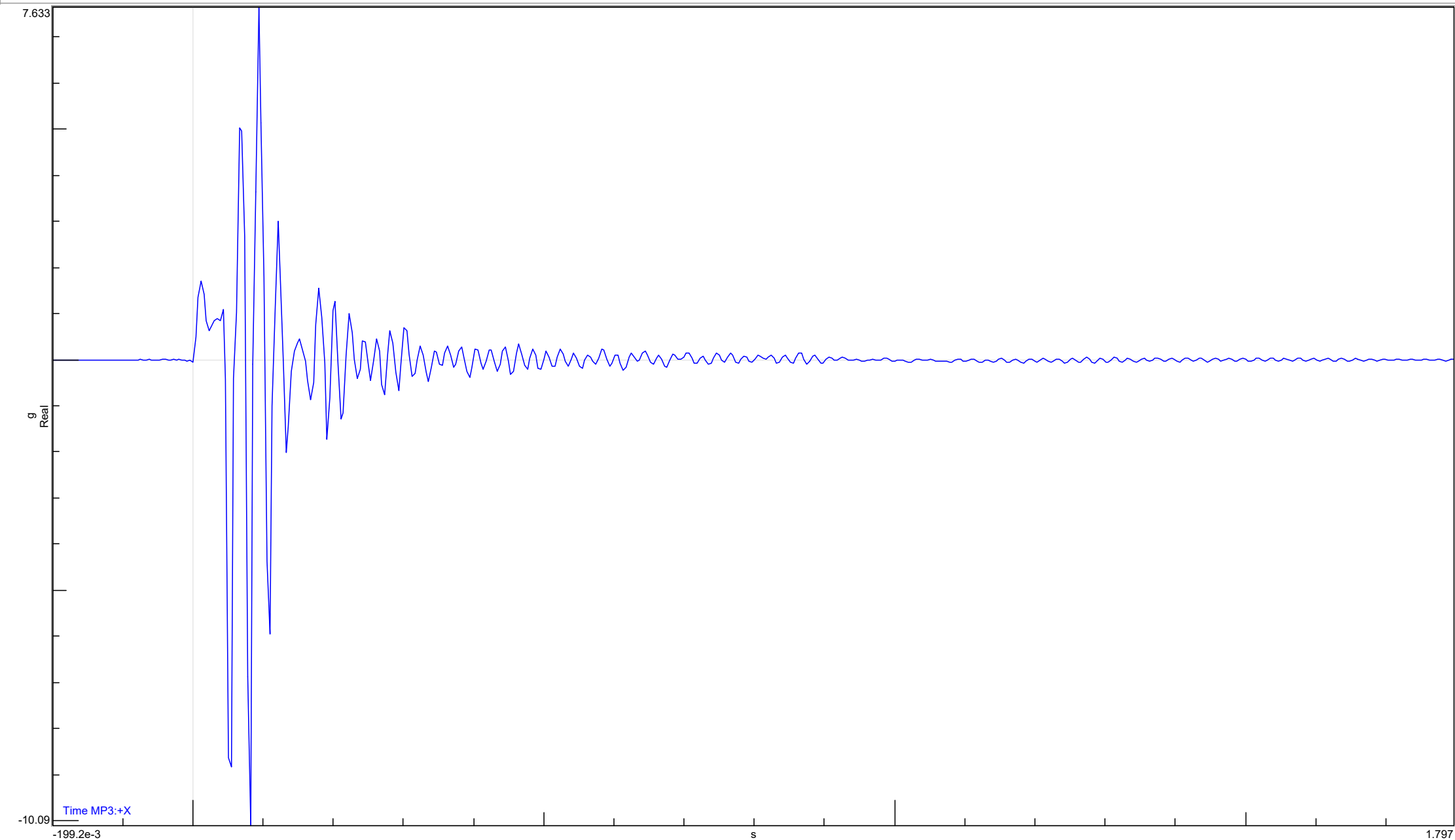


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP3:+X

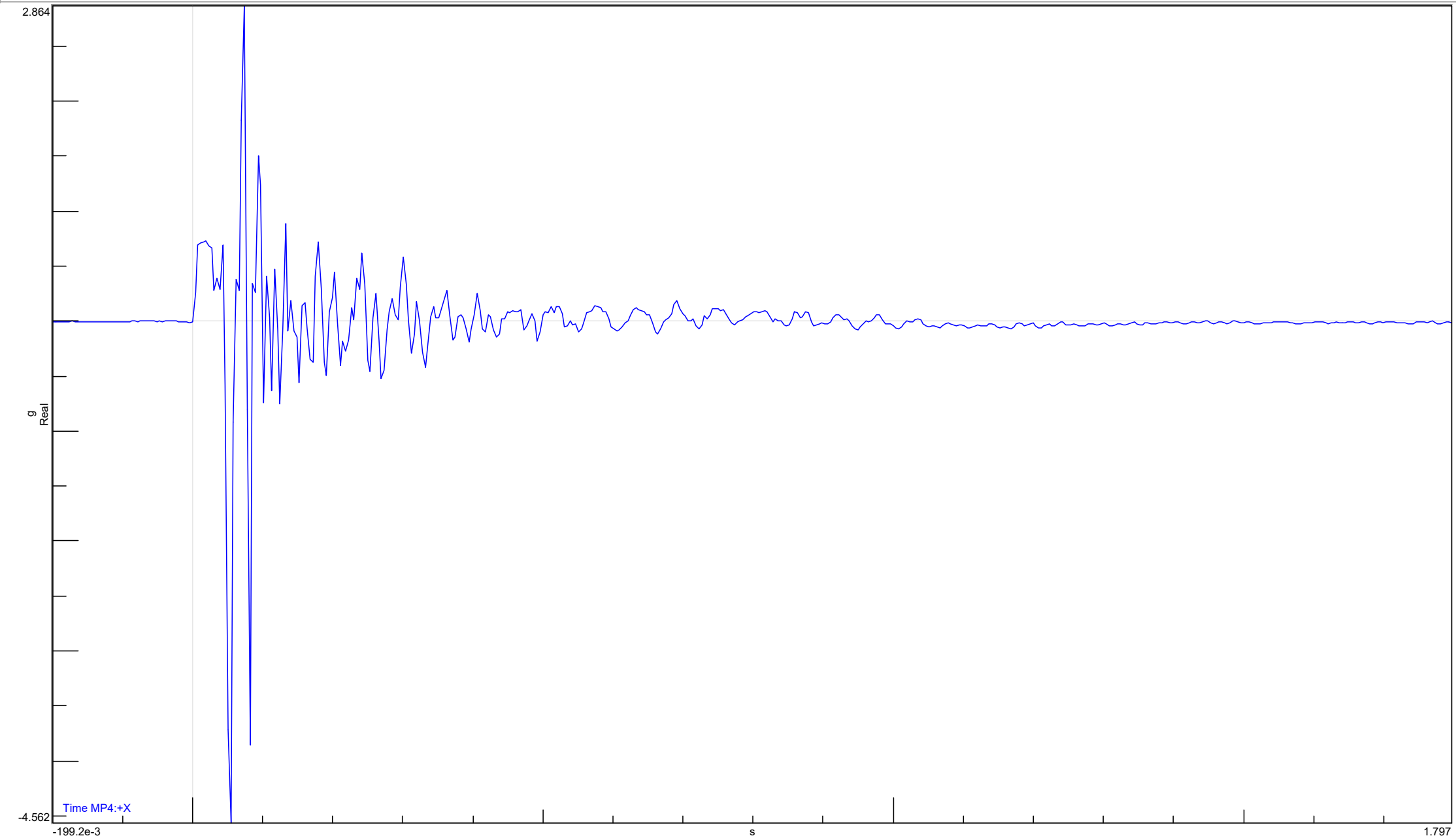


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP4:+X

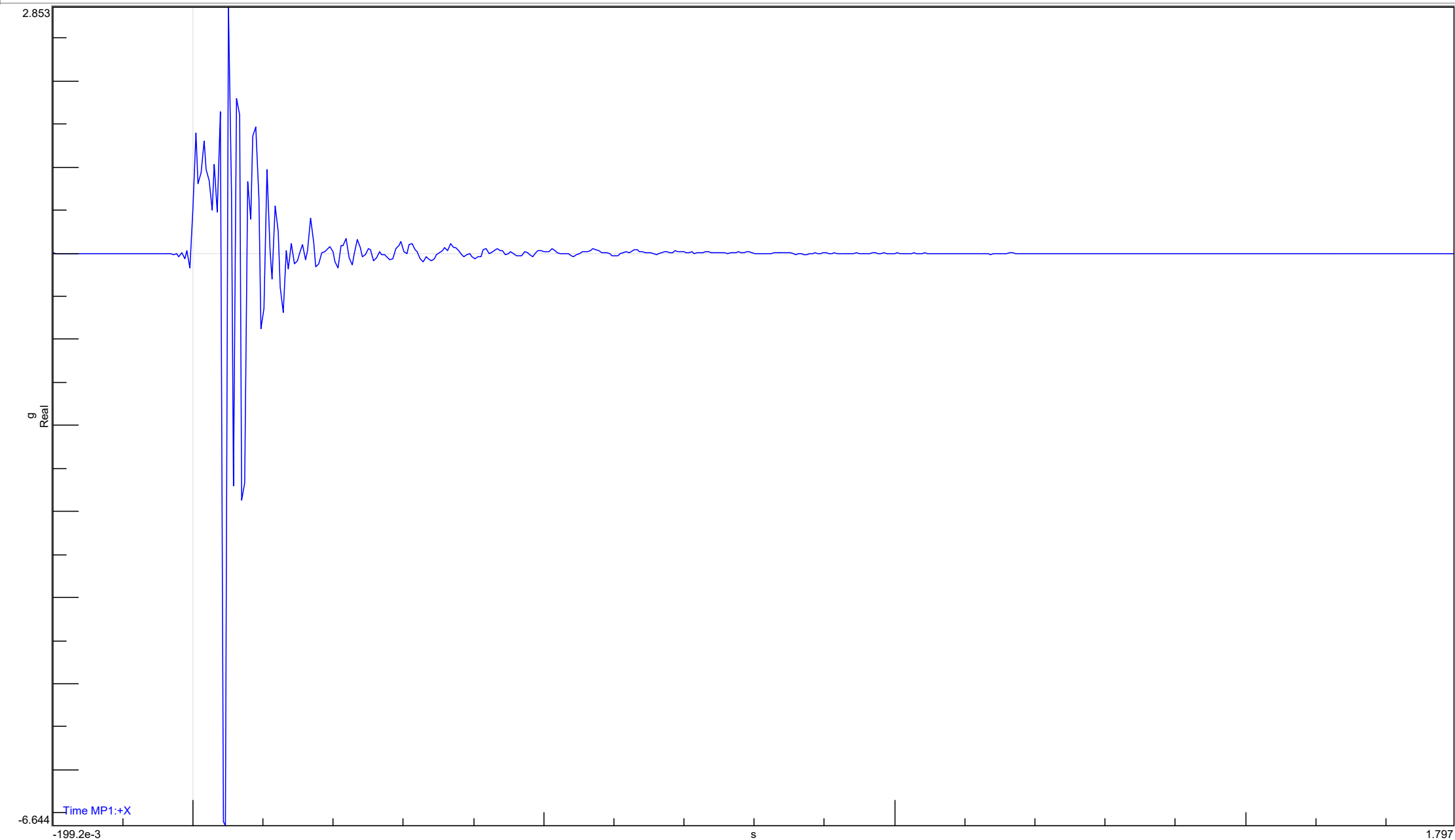


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP1:+X

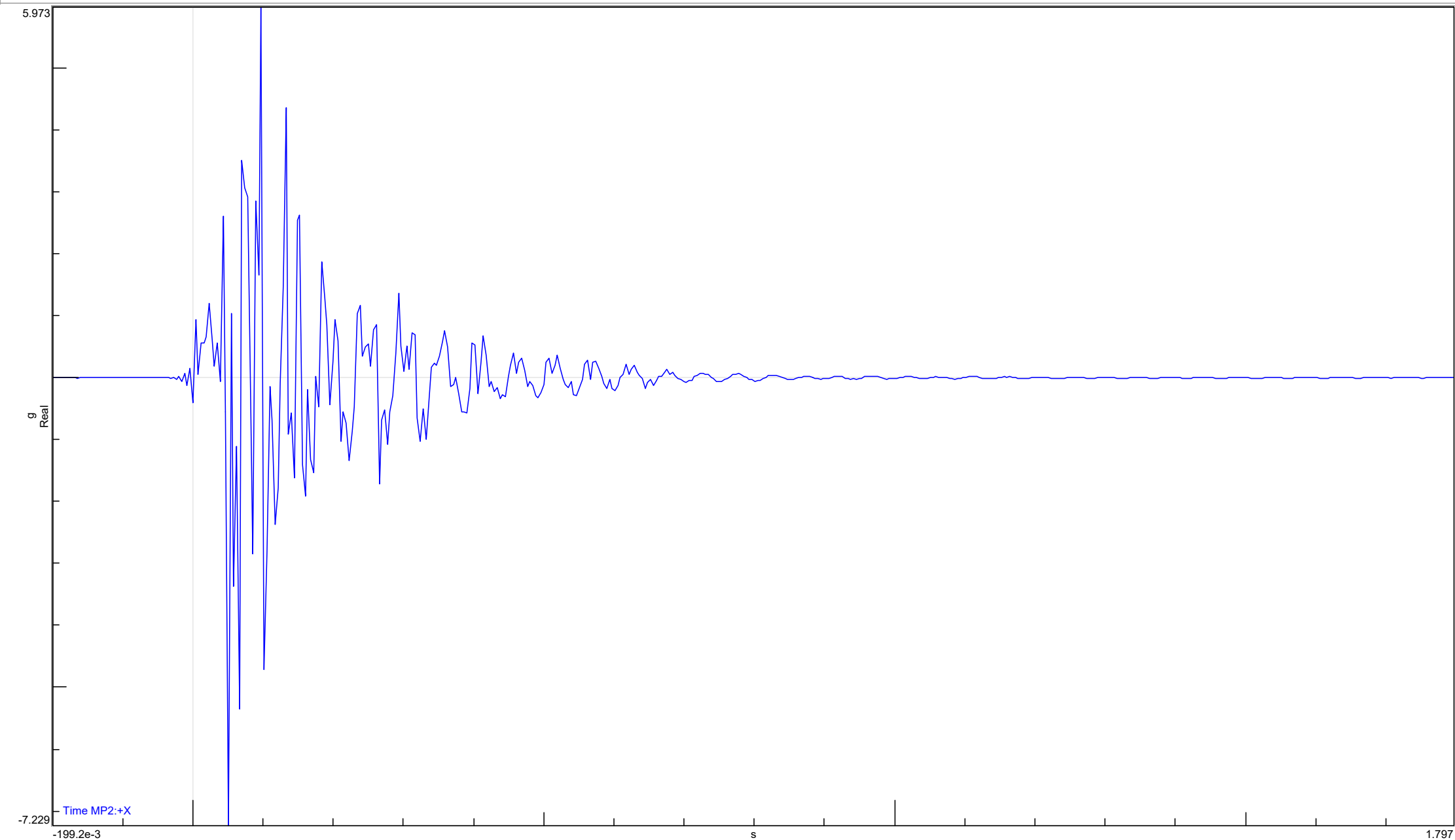


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP2:+X

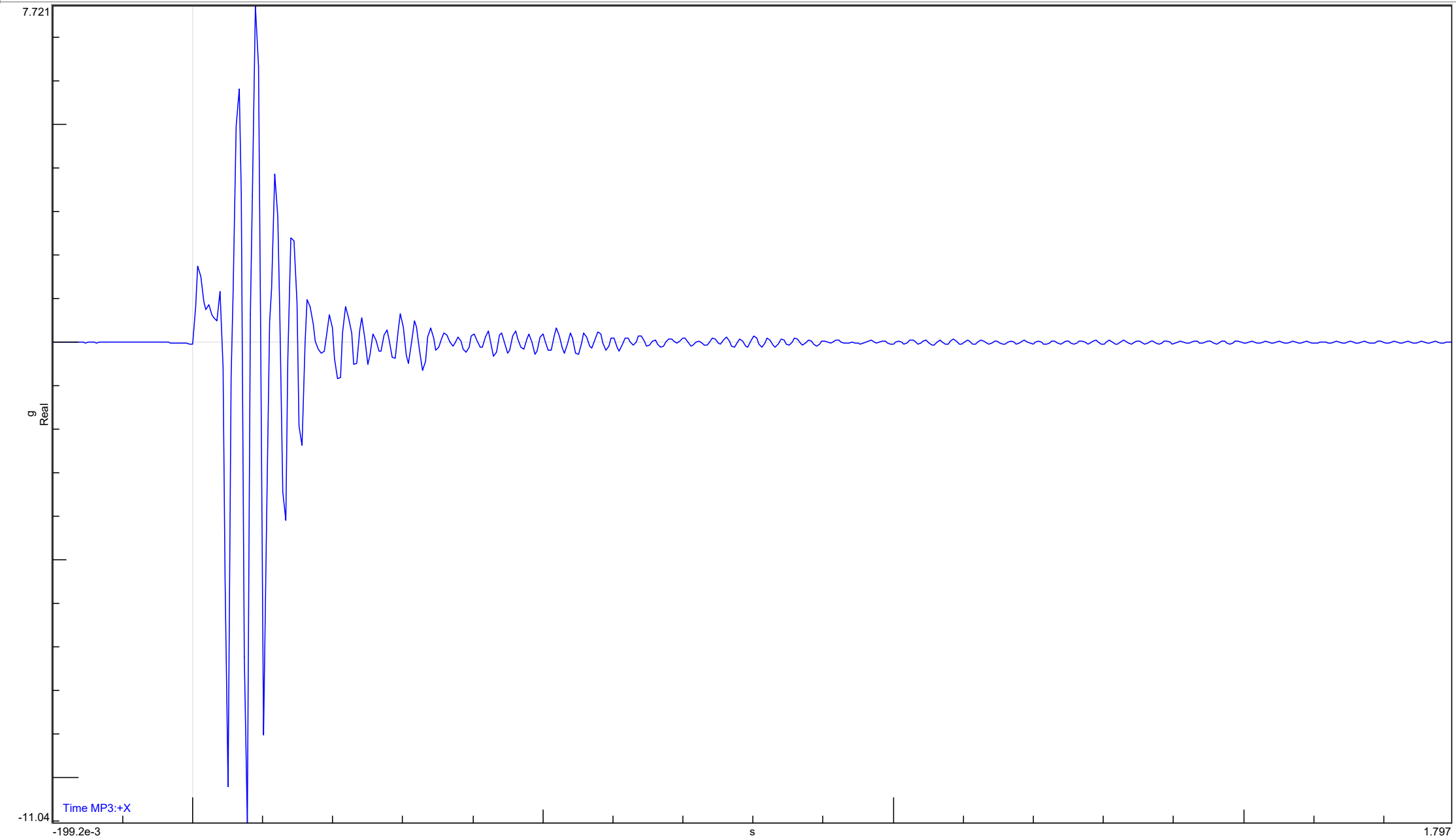


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP3:+X

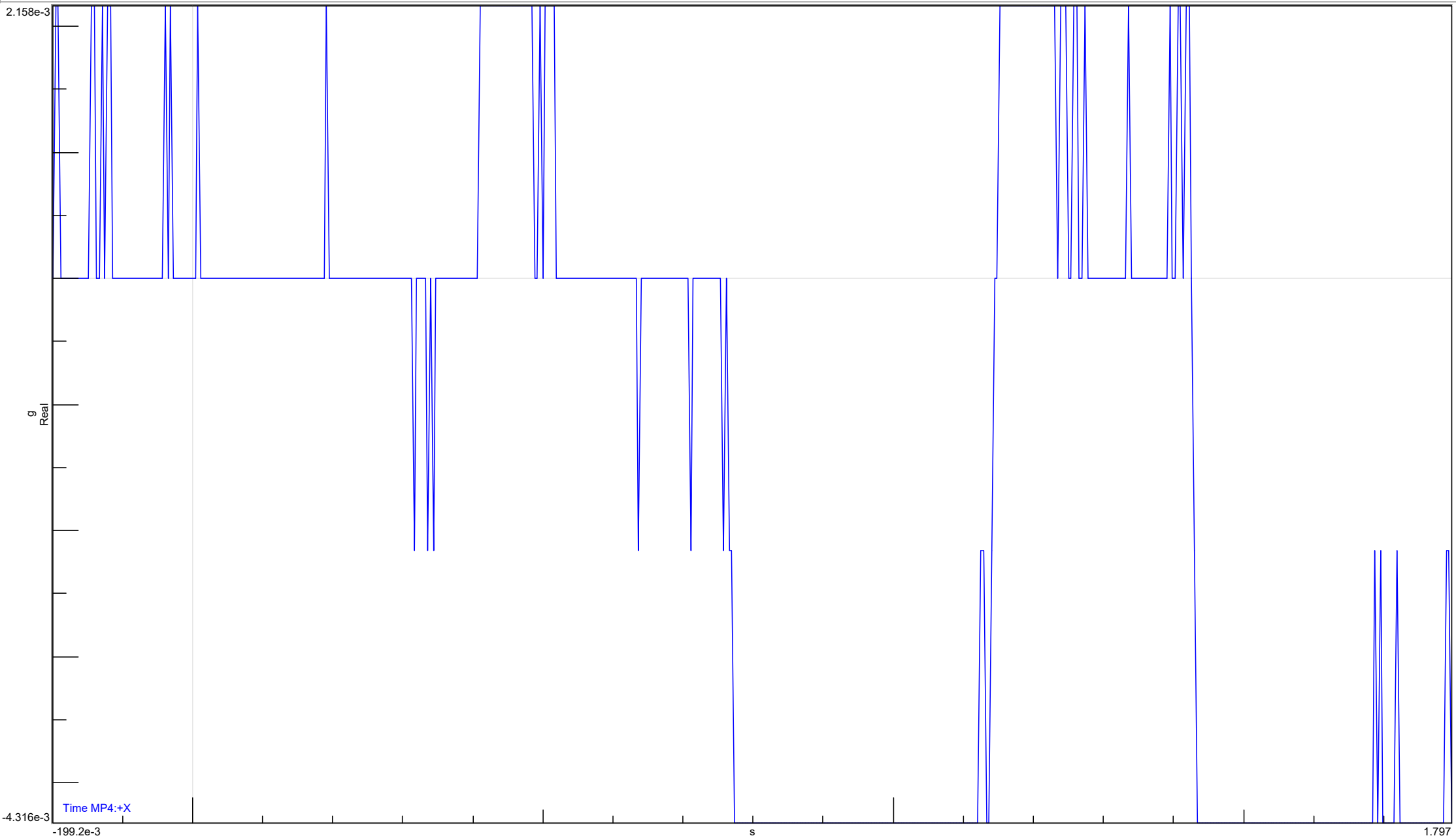


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP4:+X



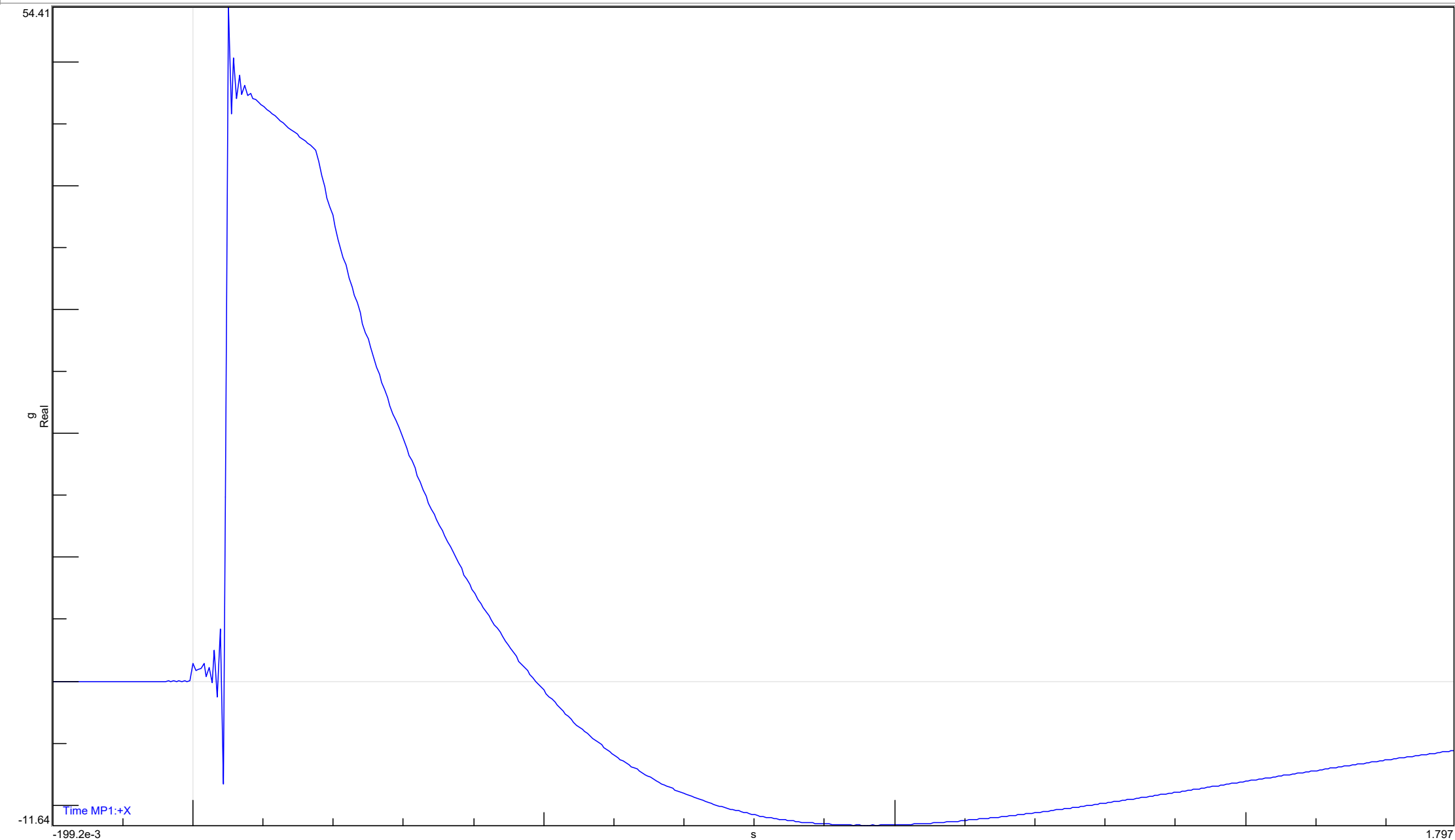
Memo

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP1:+X

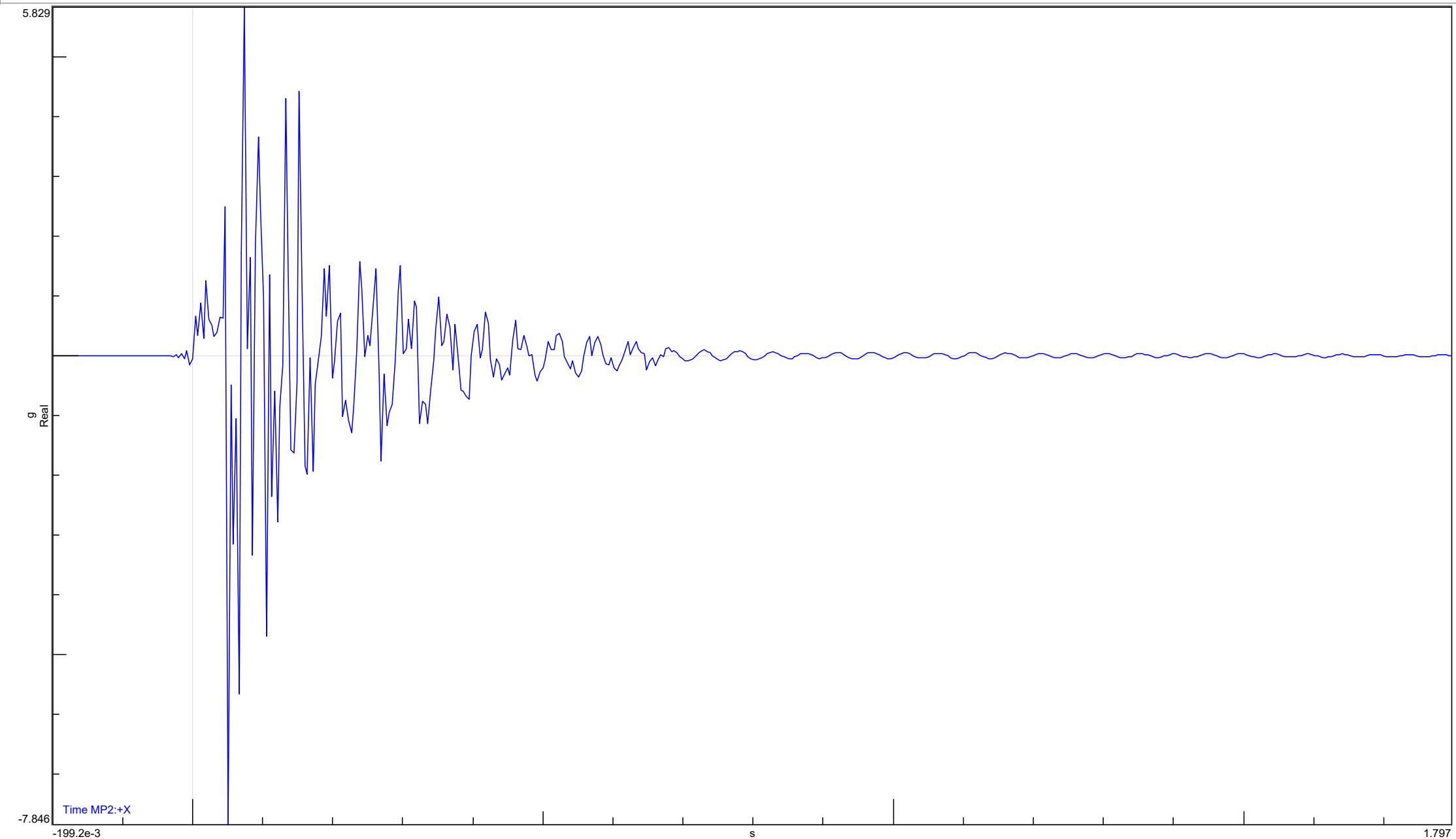


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP2:+X

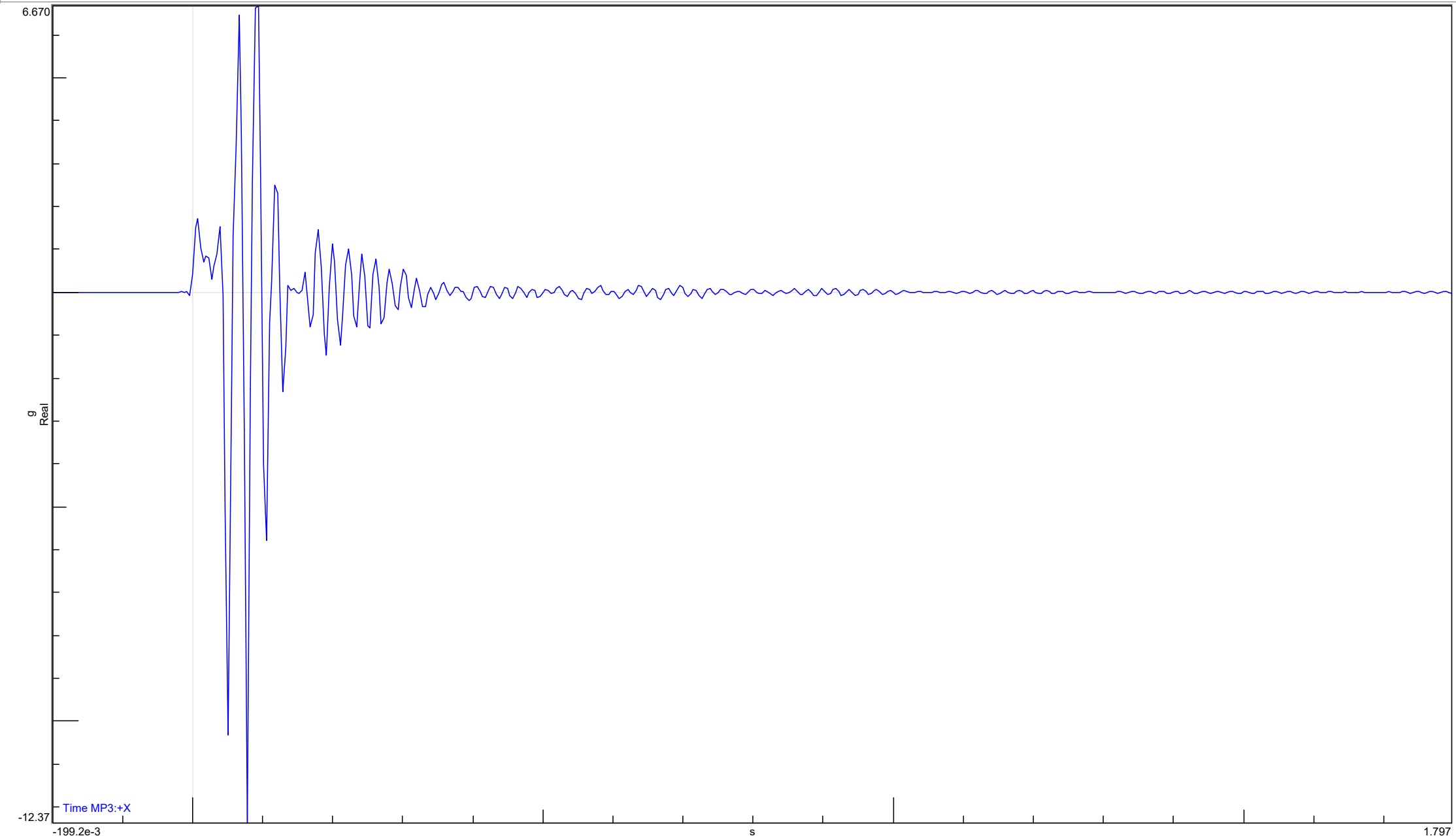


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP3:+X

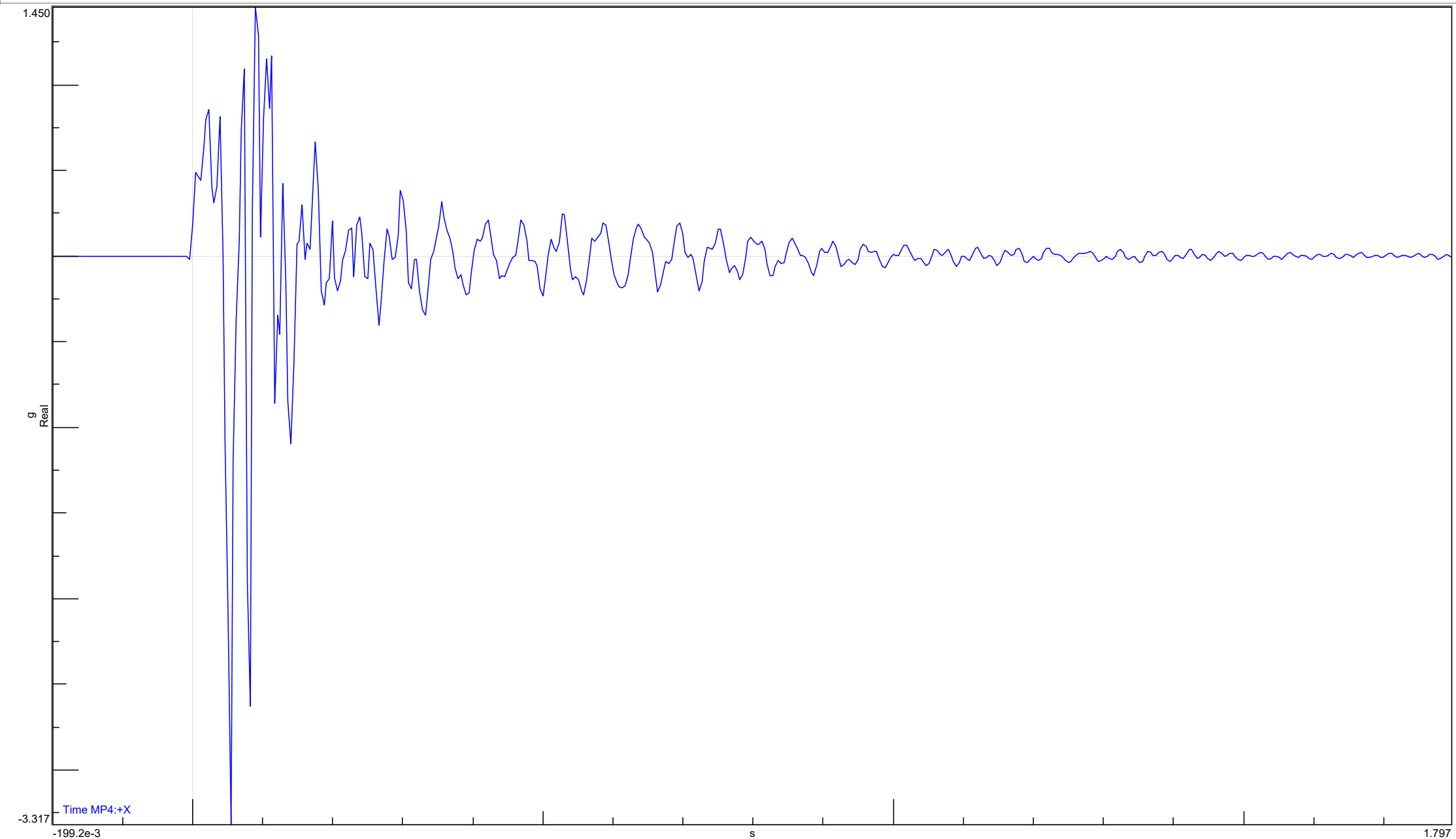


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP4:+X

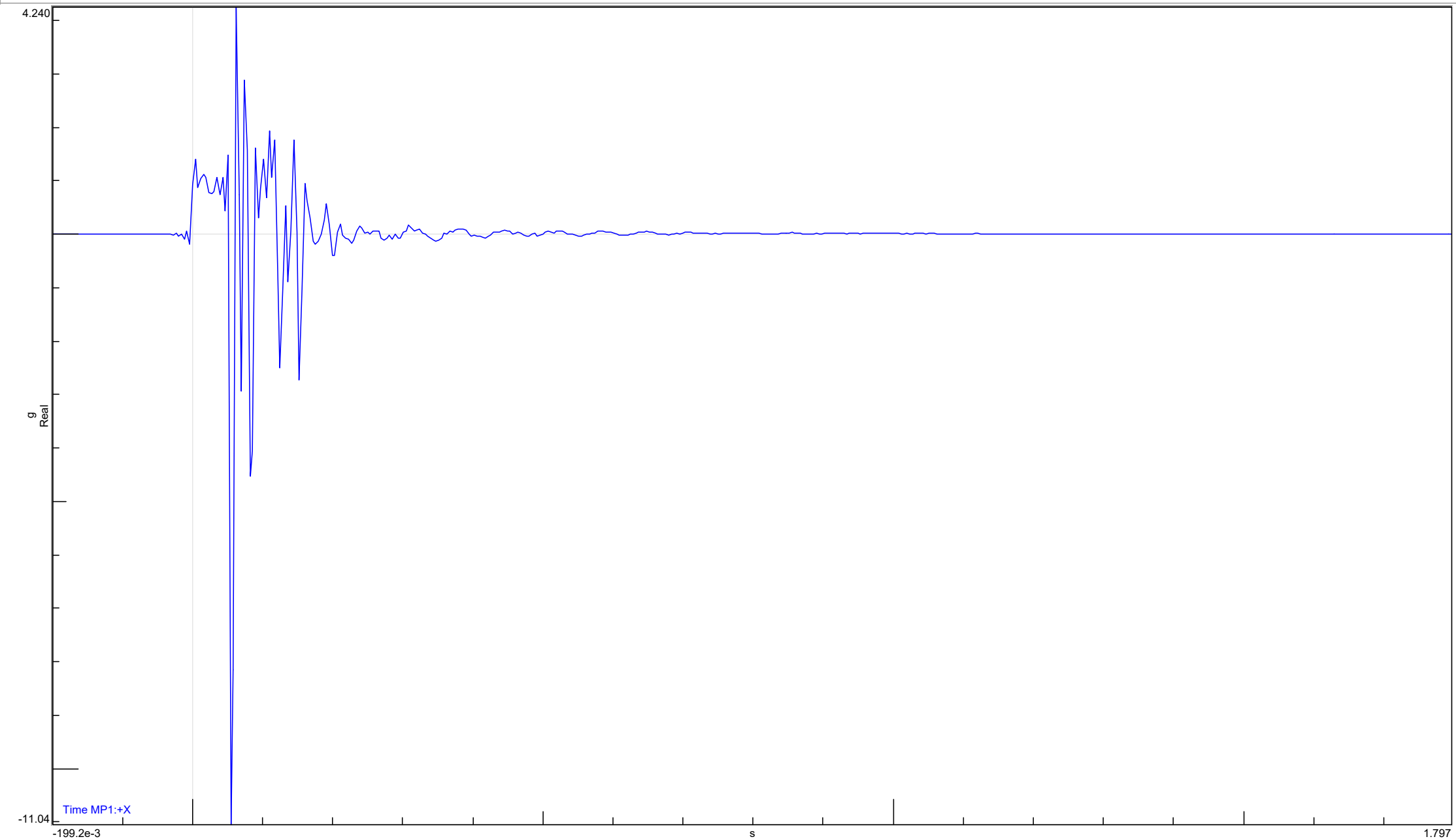


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP1:+X

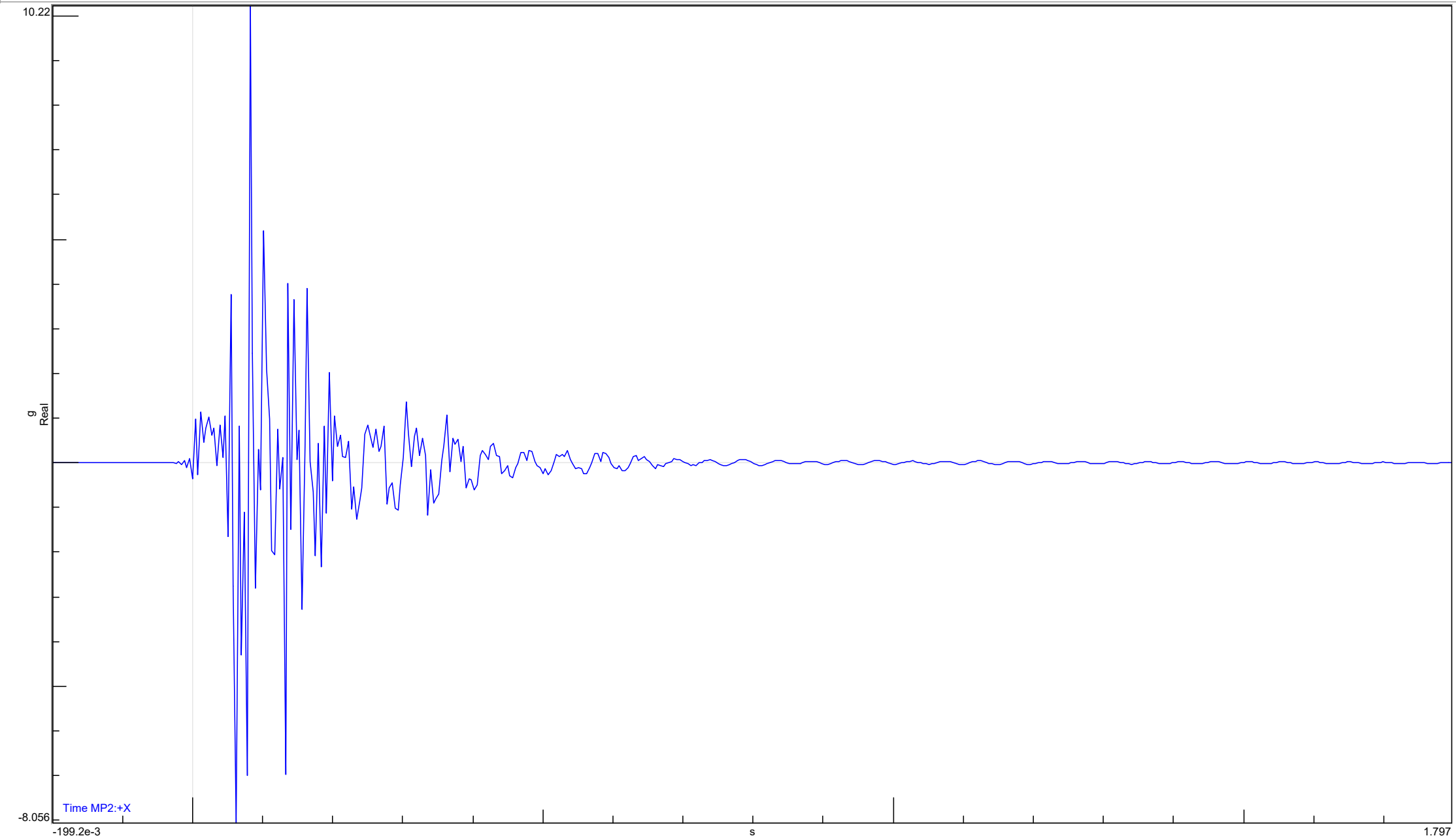


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP2:+X

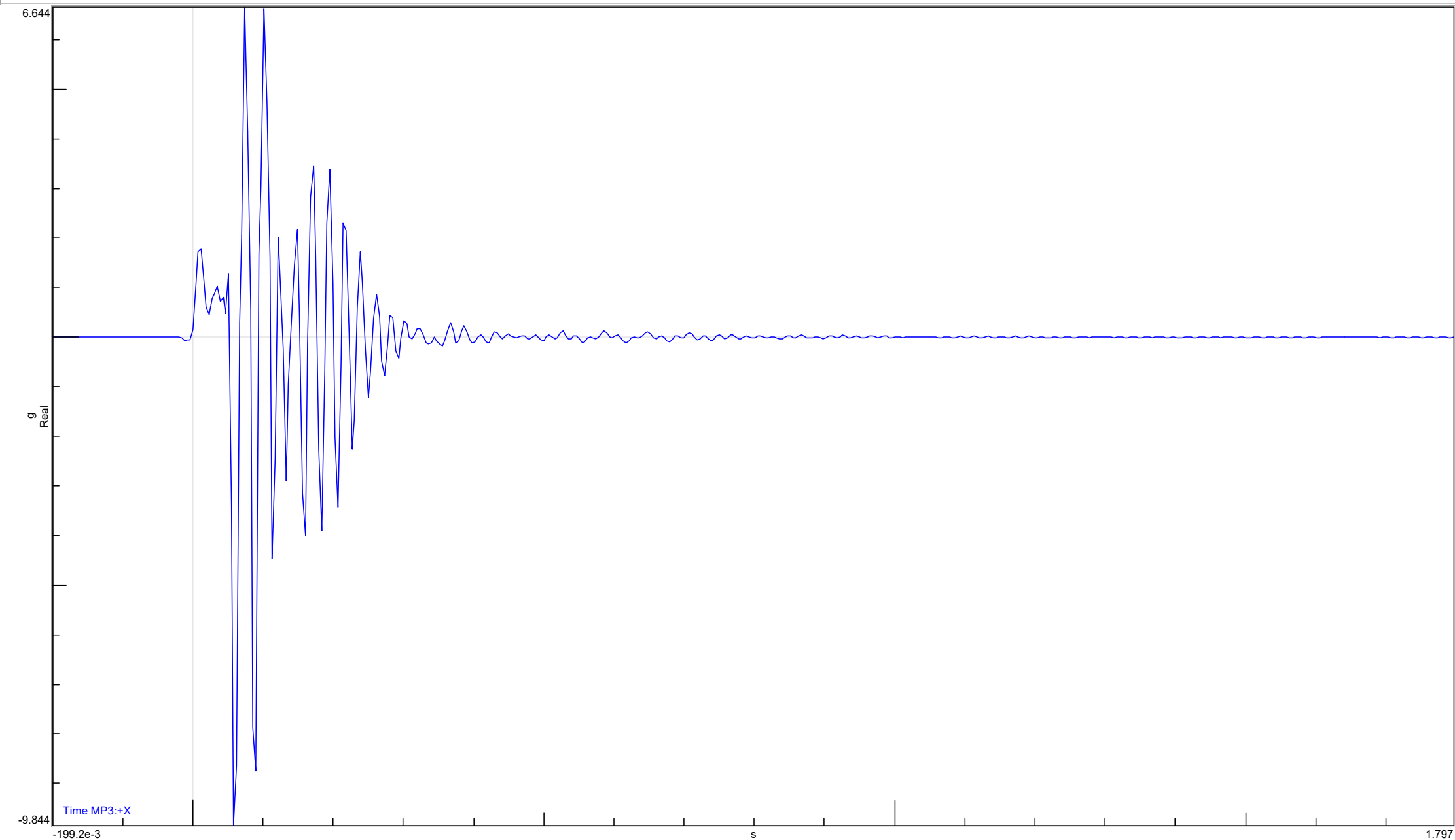


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP3:+X

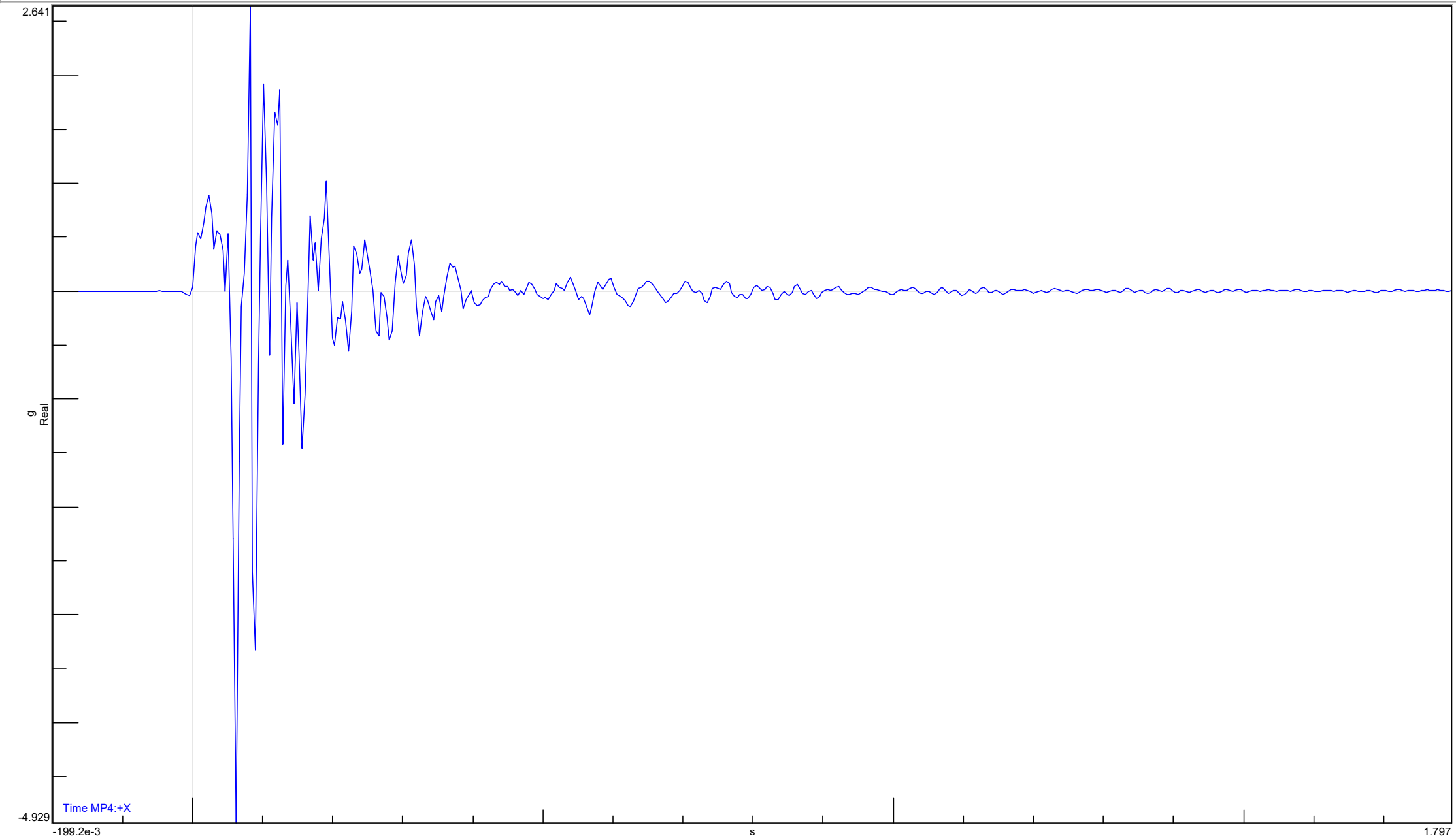


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:29



Trace identification : Time MP4:+X

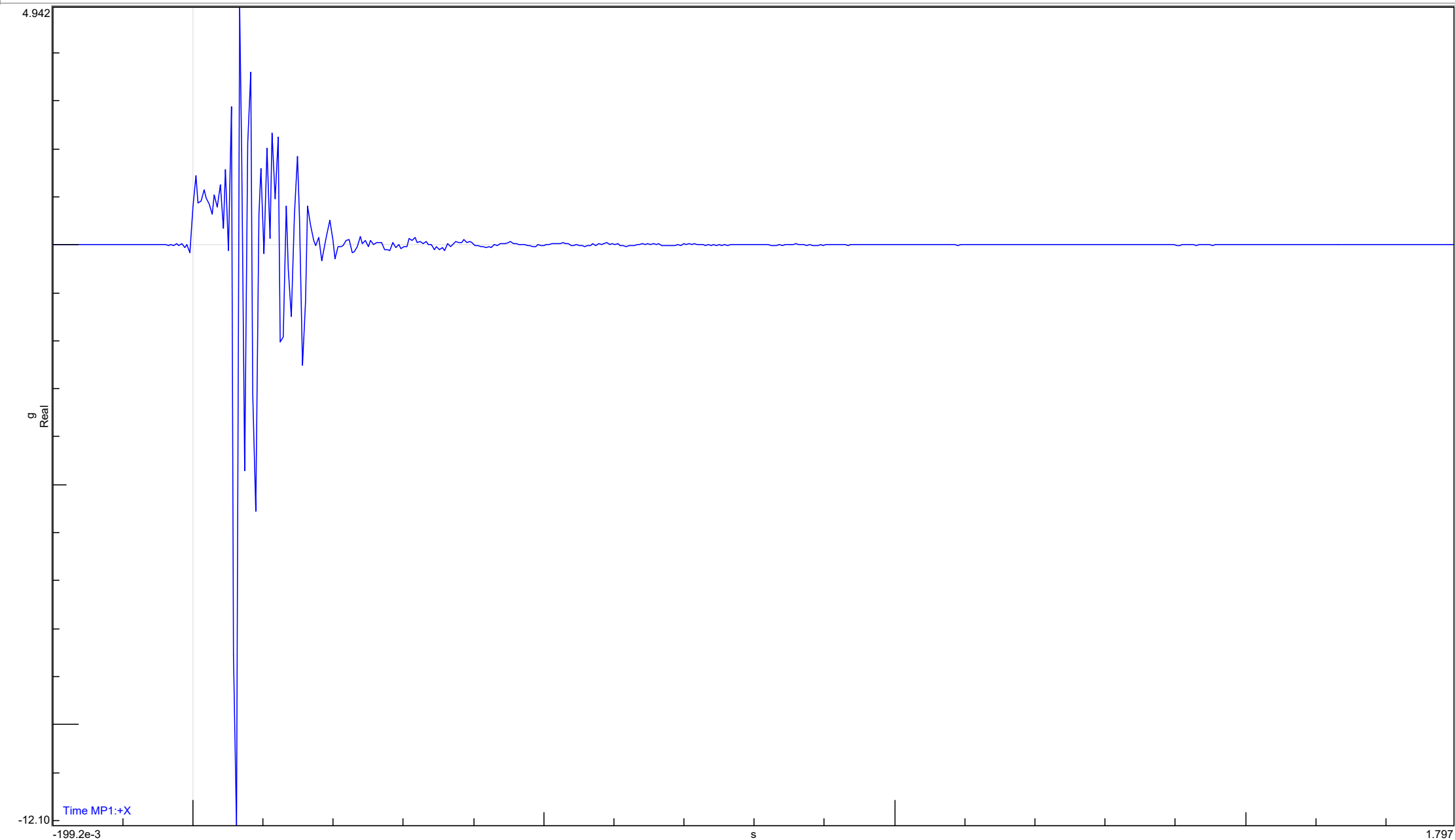


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP1:+X

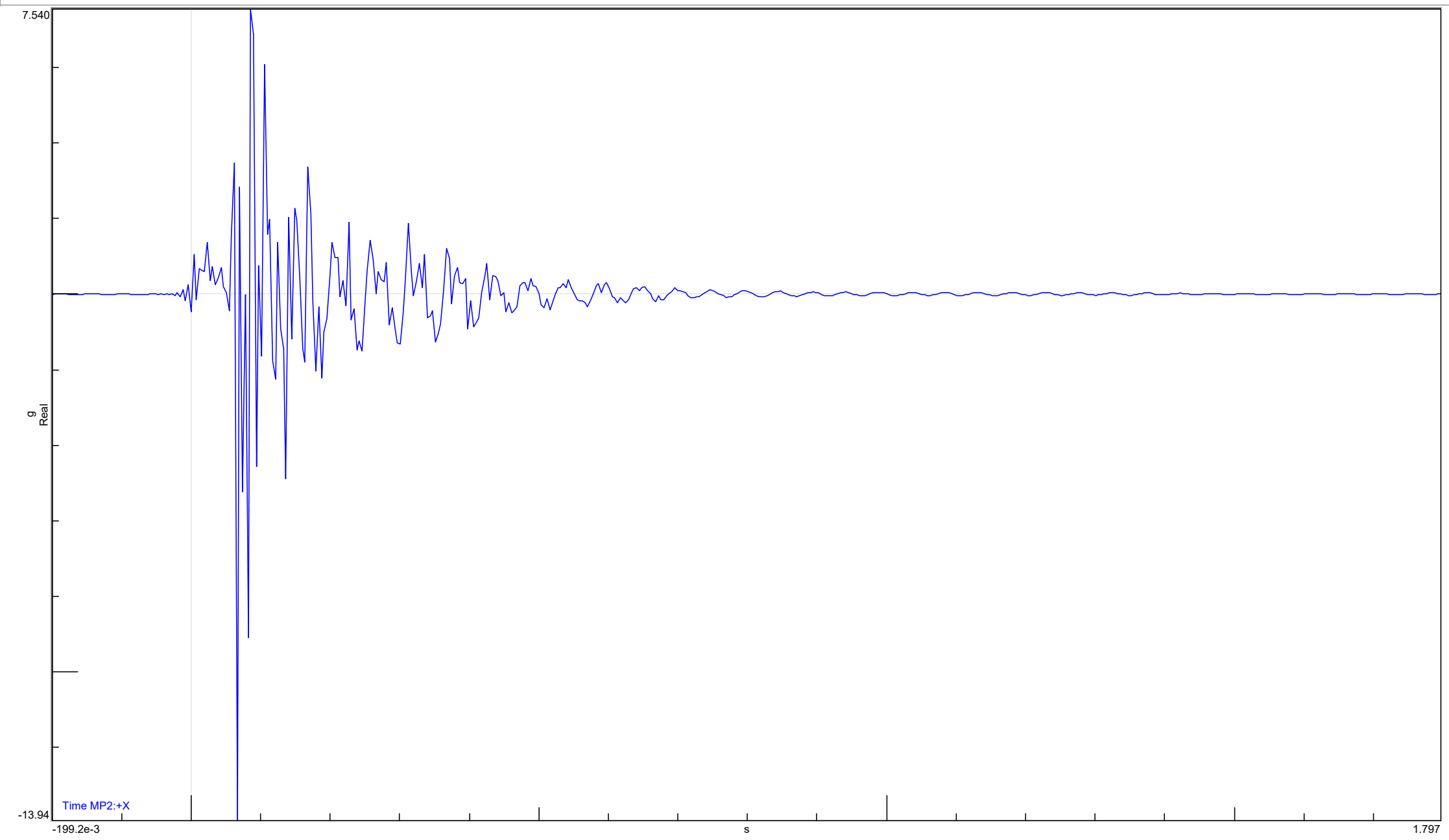


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP2:+X



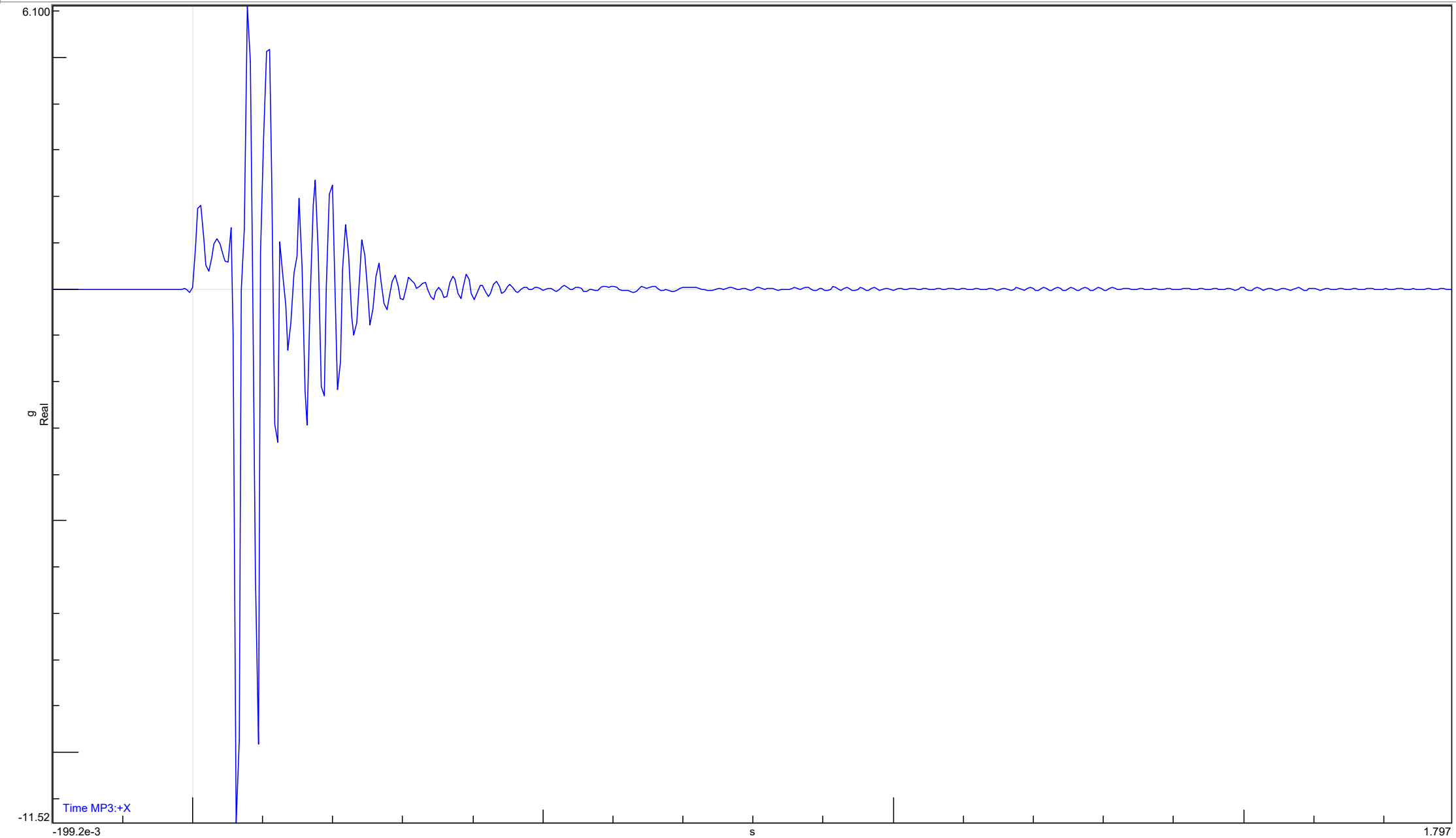
Memo

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP3:+X

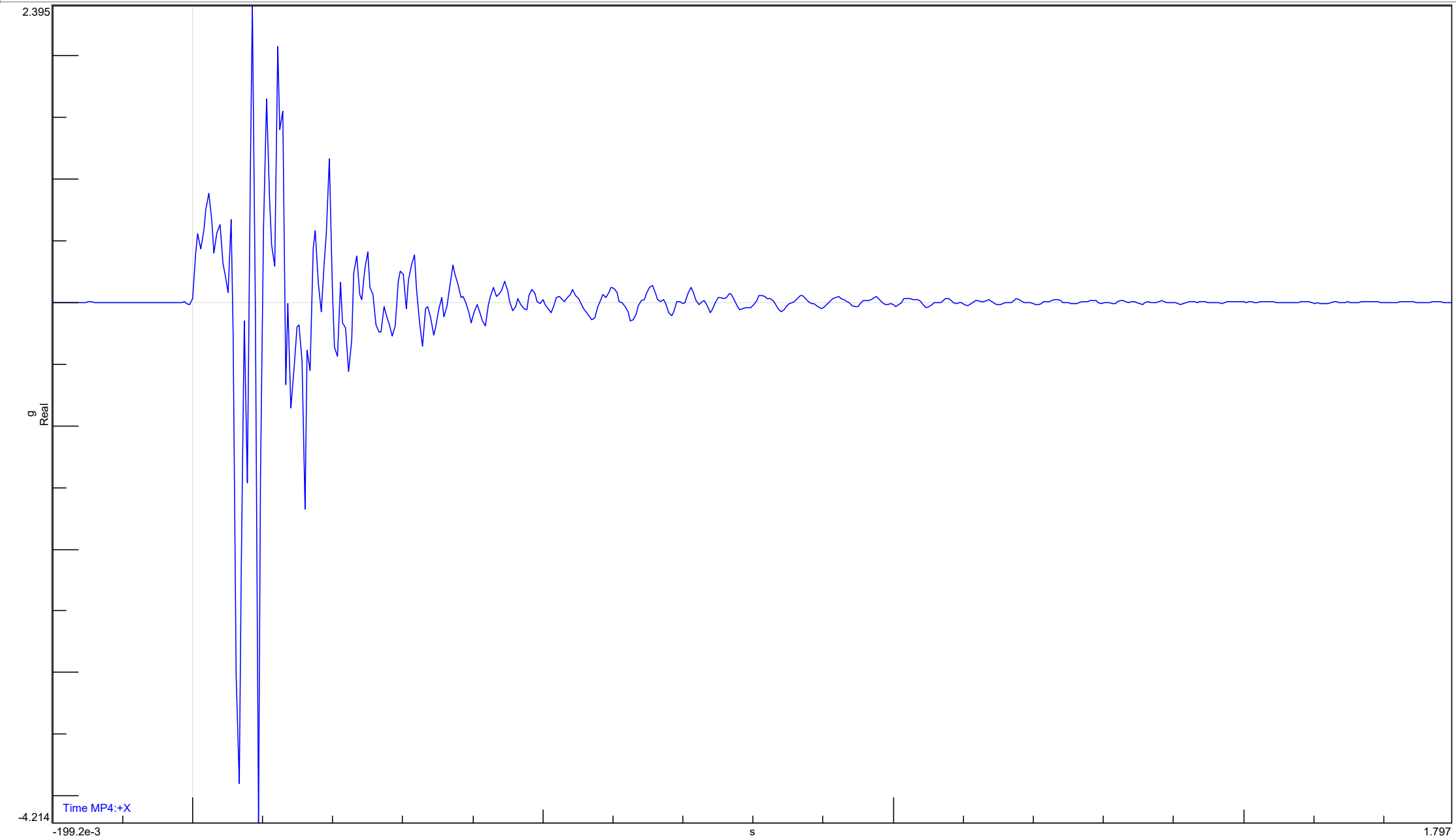


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP4:+X

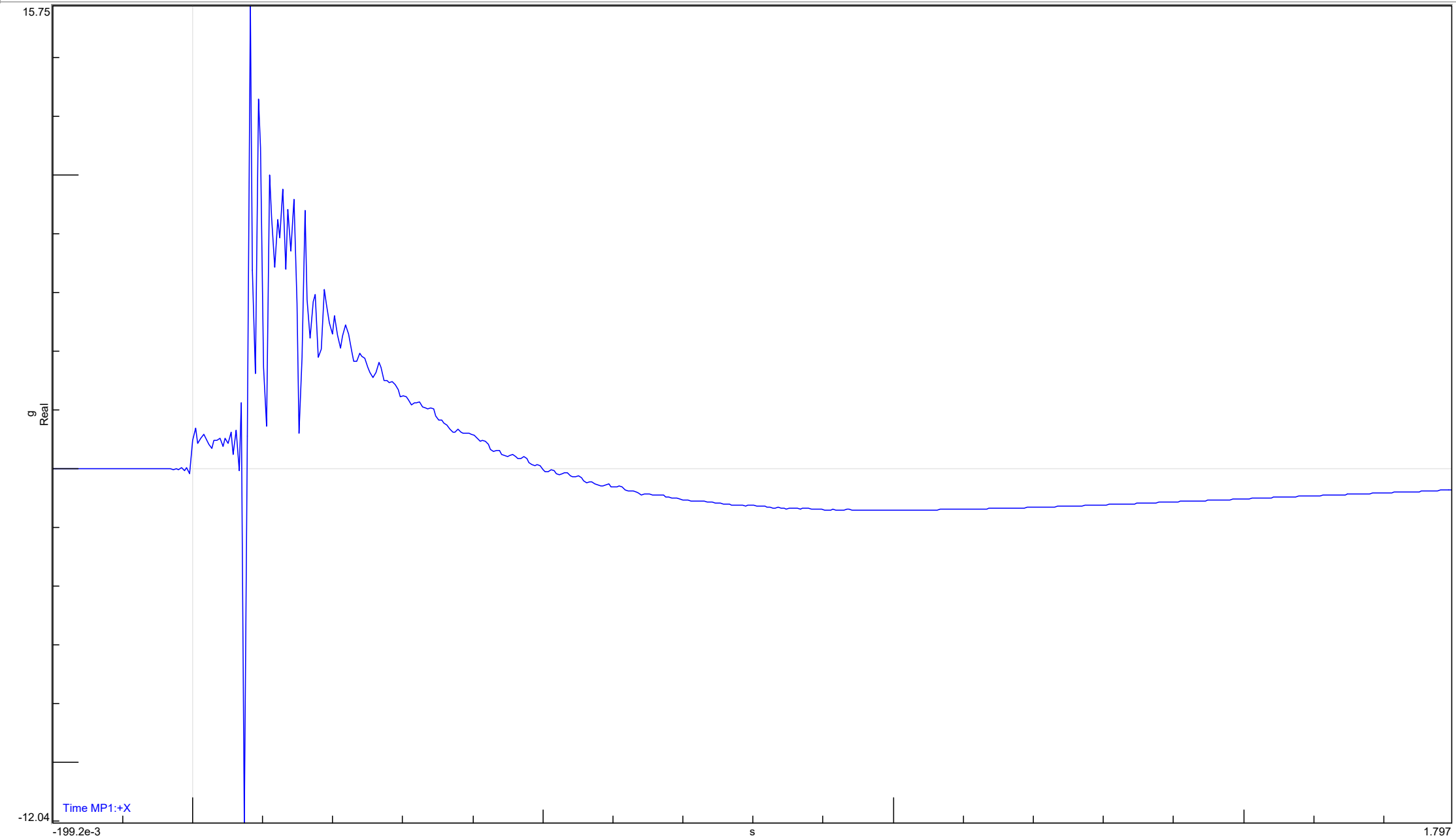


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29

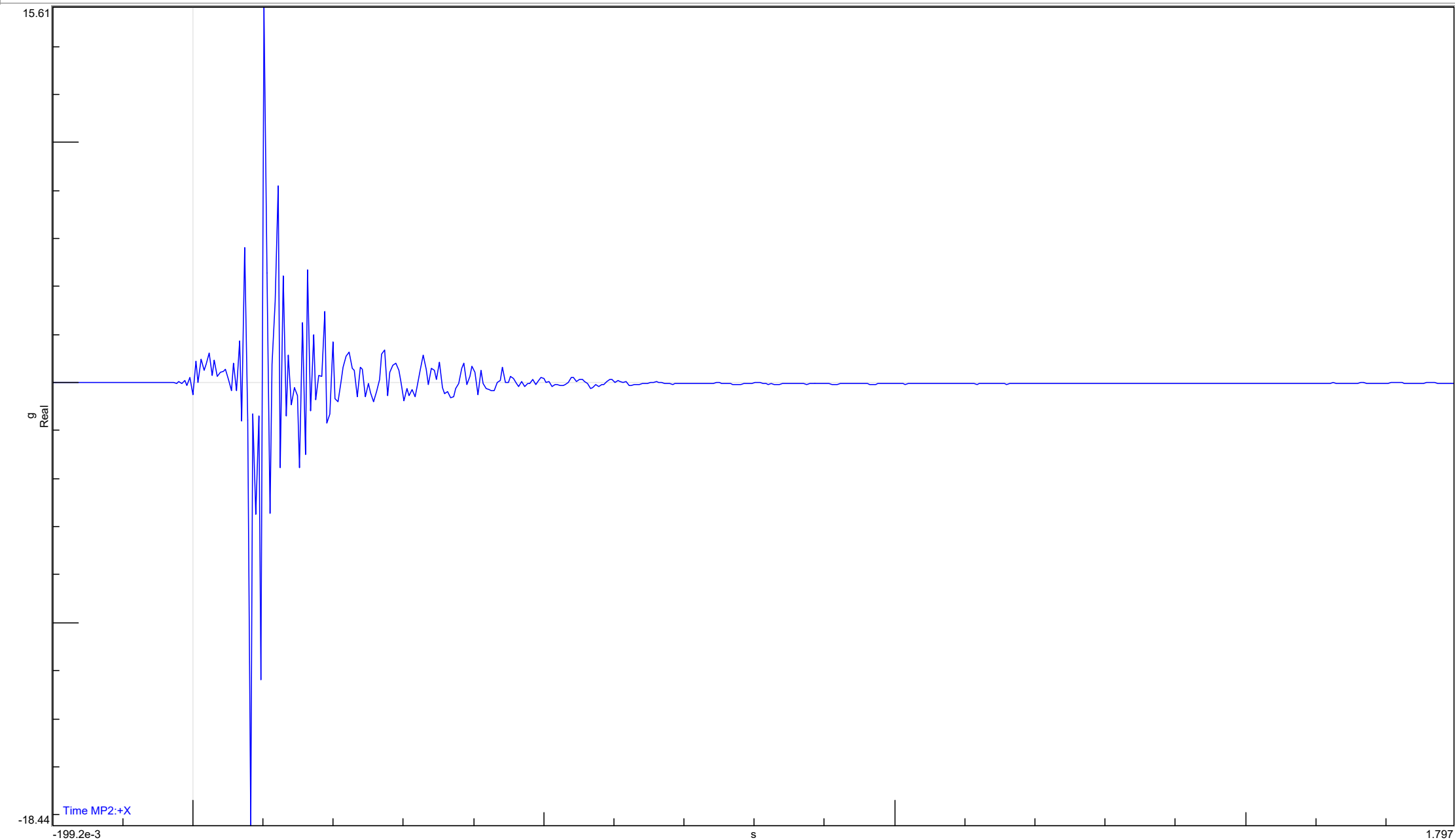


Trace identification : Time MP1:+X





Trace identification : Time MP2:+X

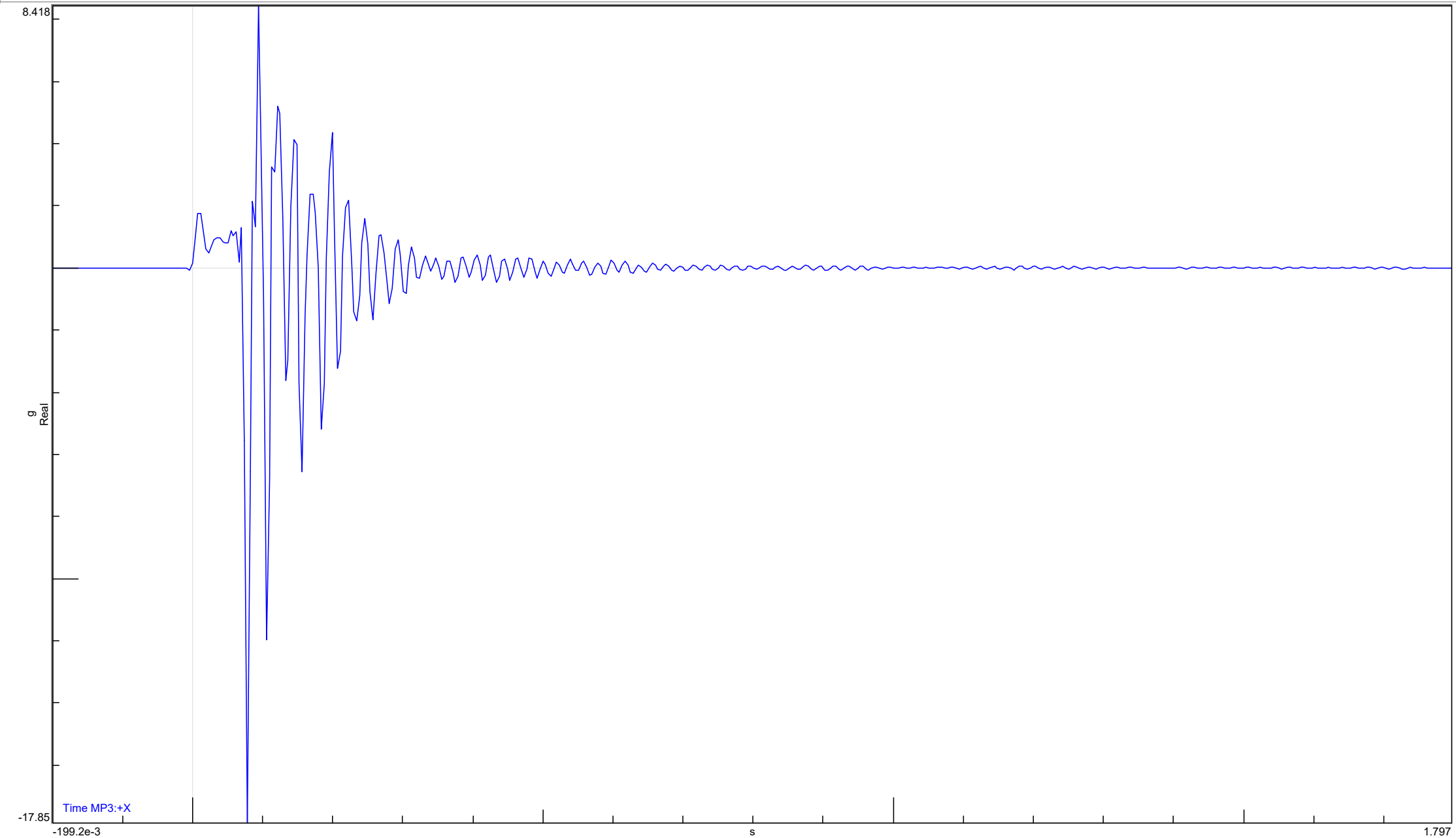


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP3:+X

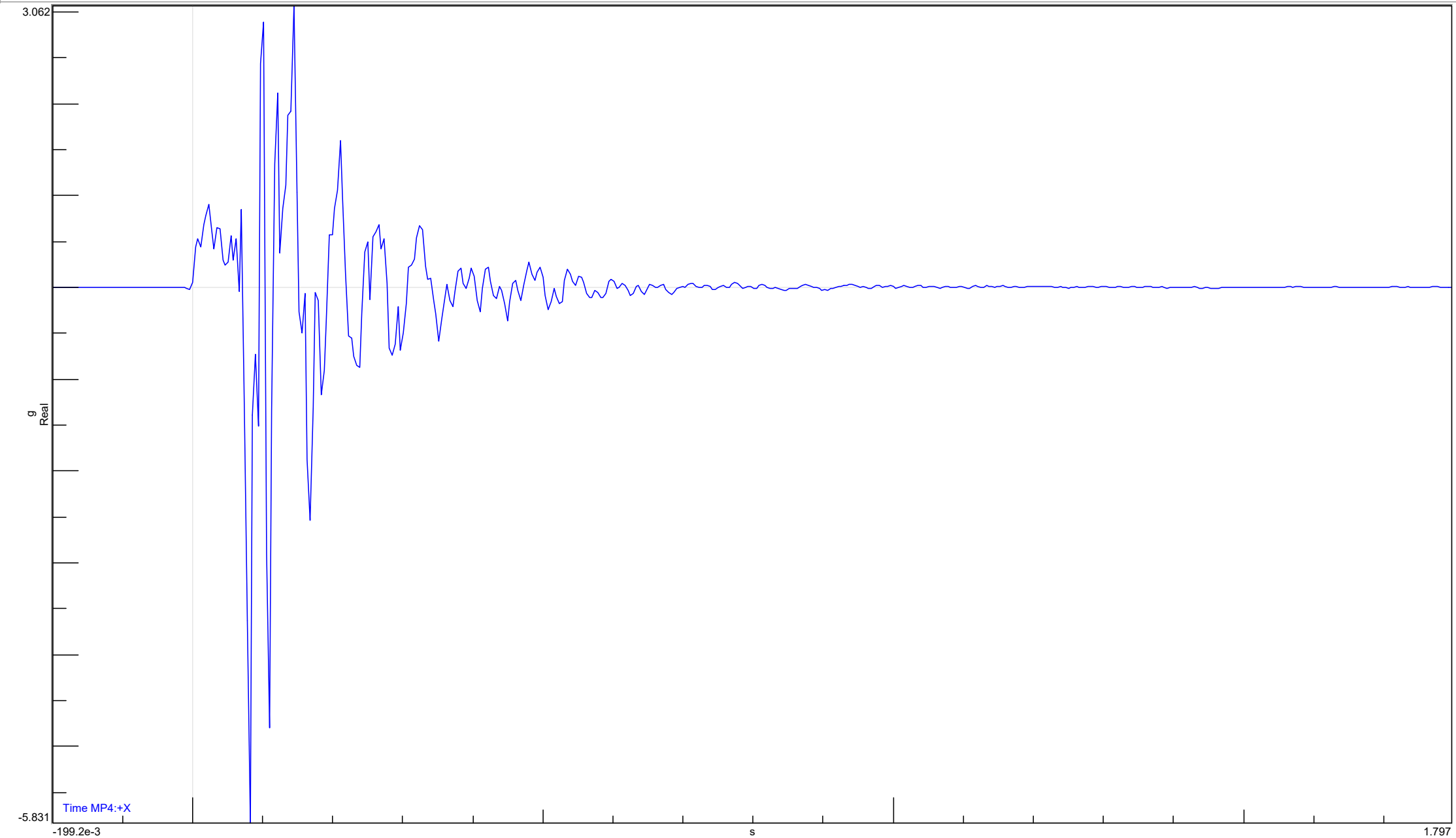


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP4:+X

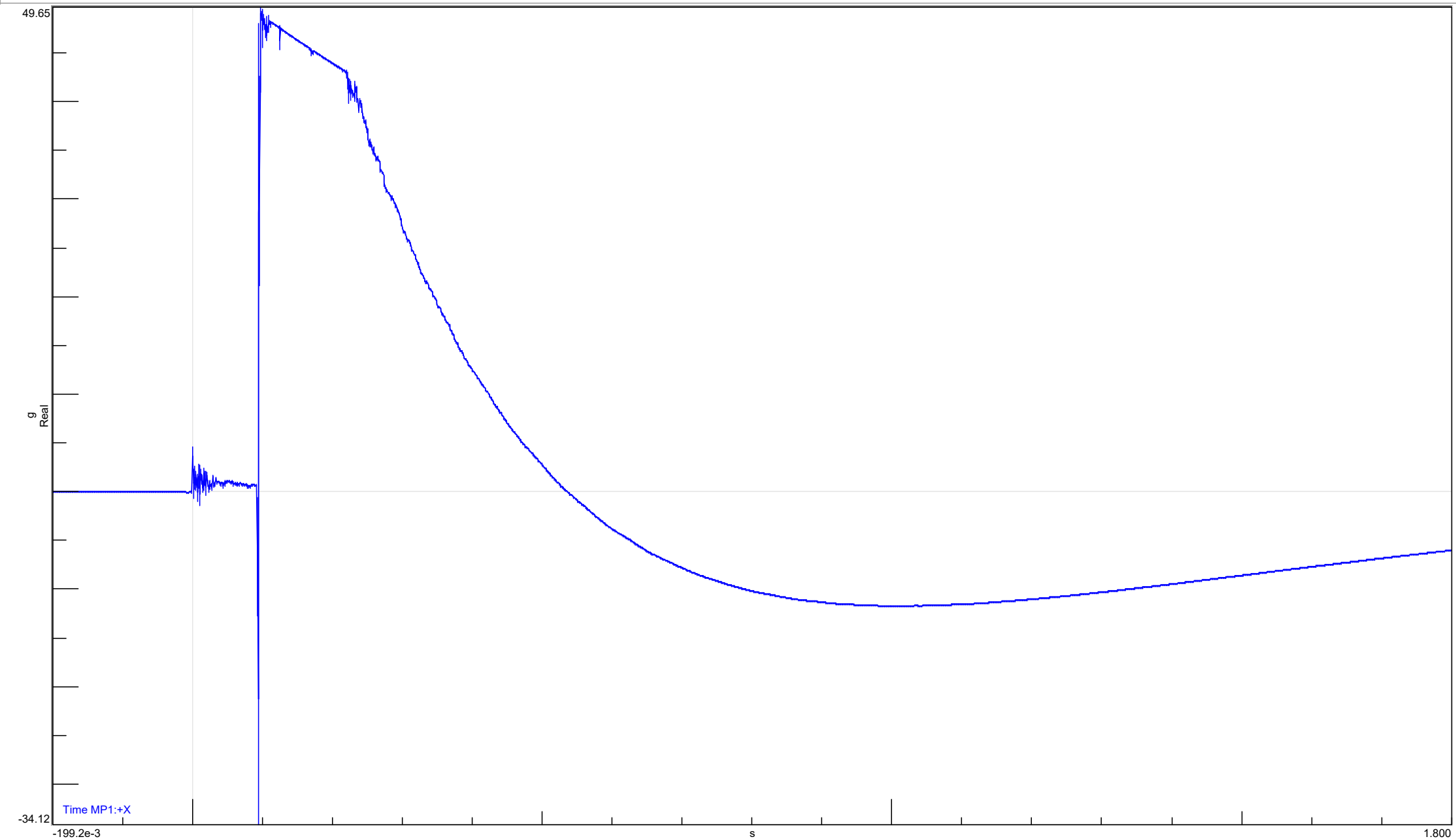


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13



Trace identification : Time MP1:+X

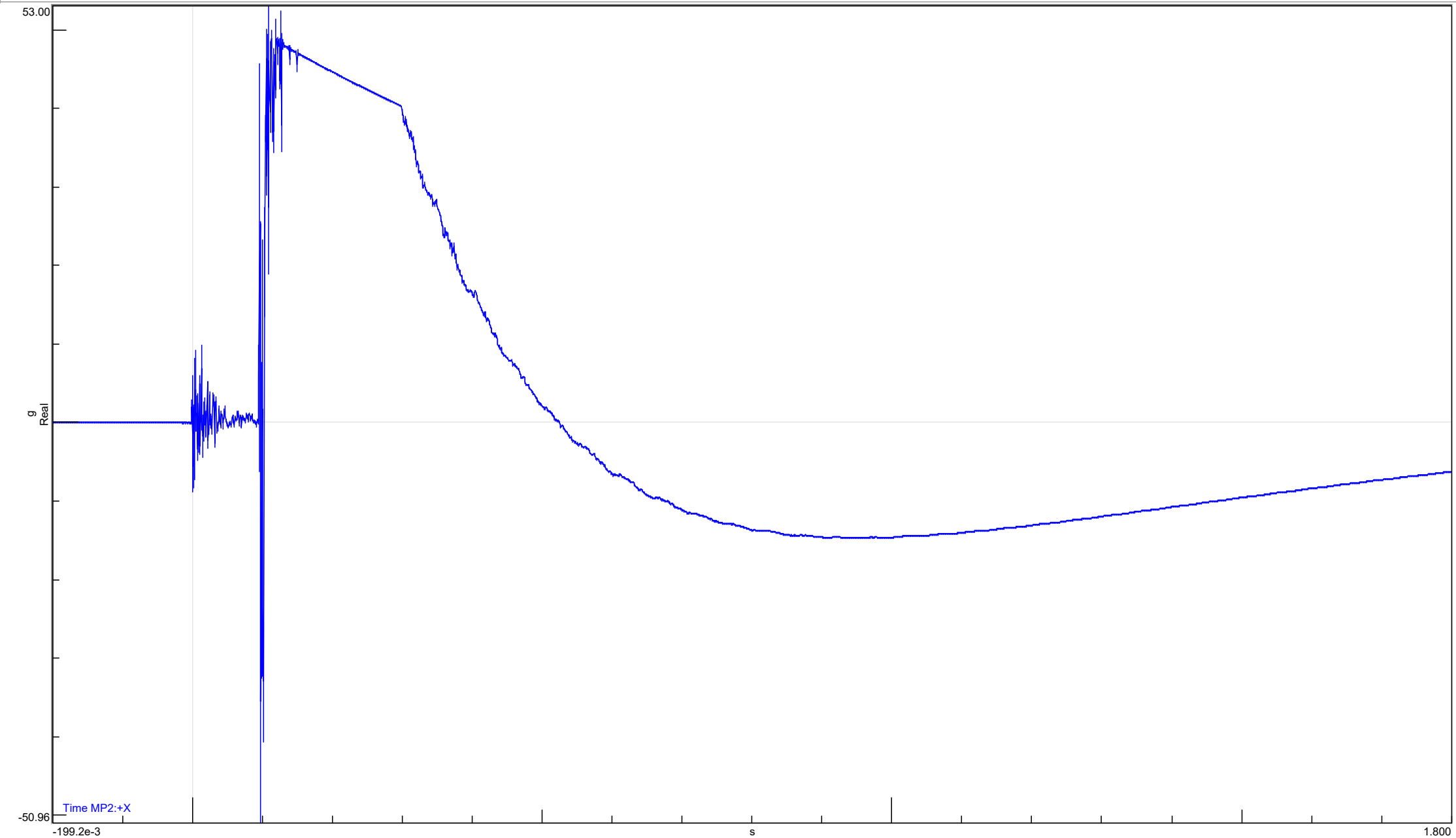


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13



Trace identification : Time MP2:+X

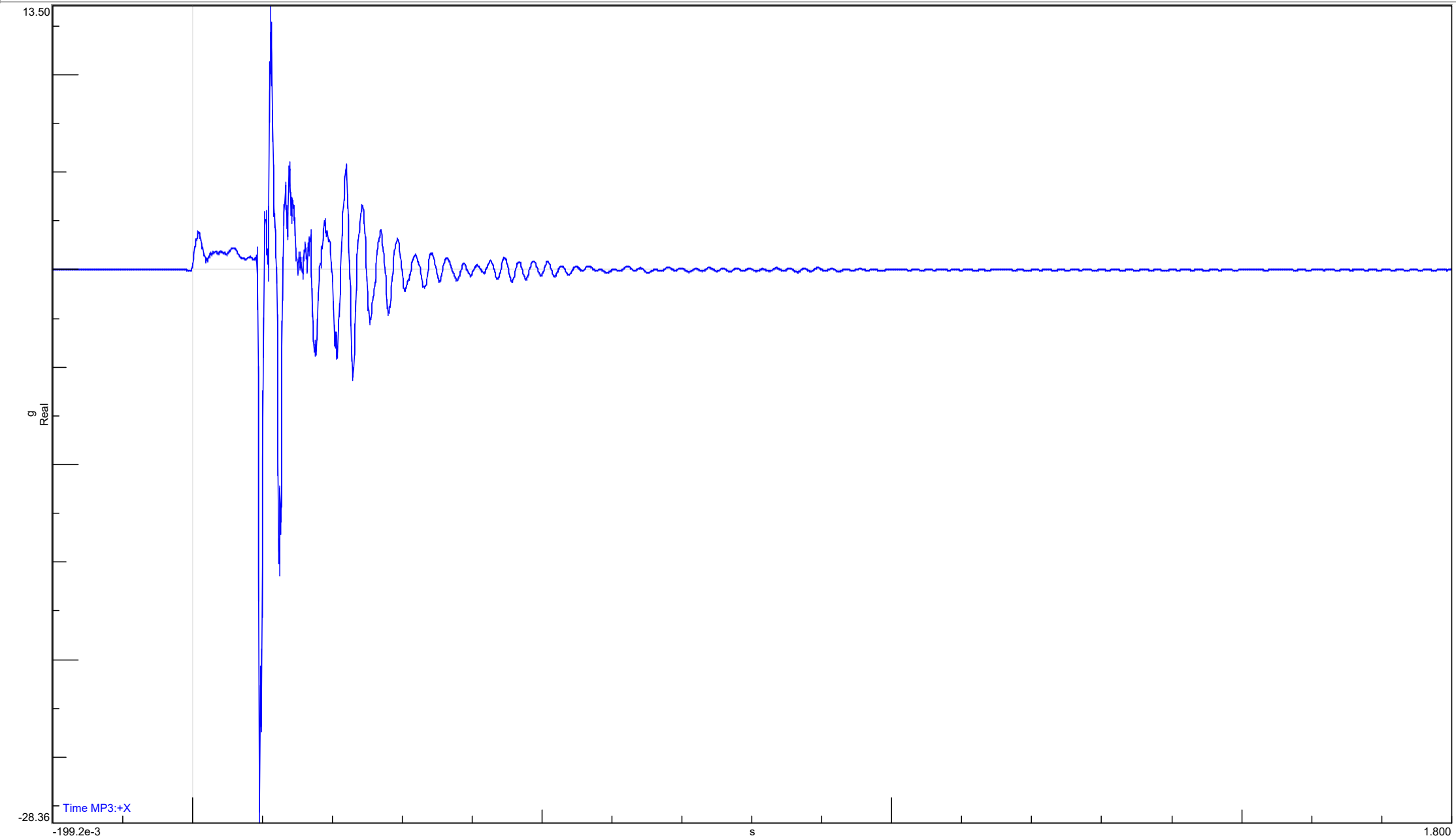


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13



Trace identification : Time MP3:+X

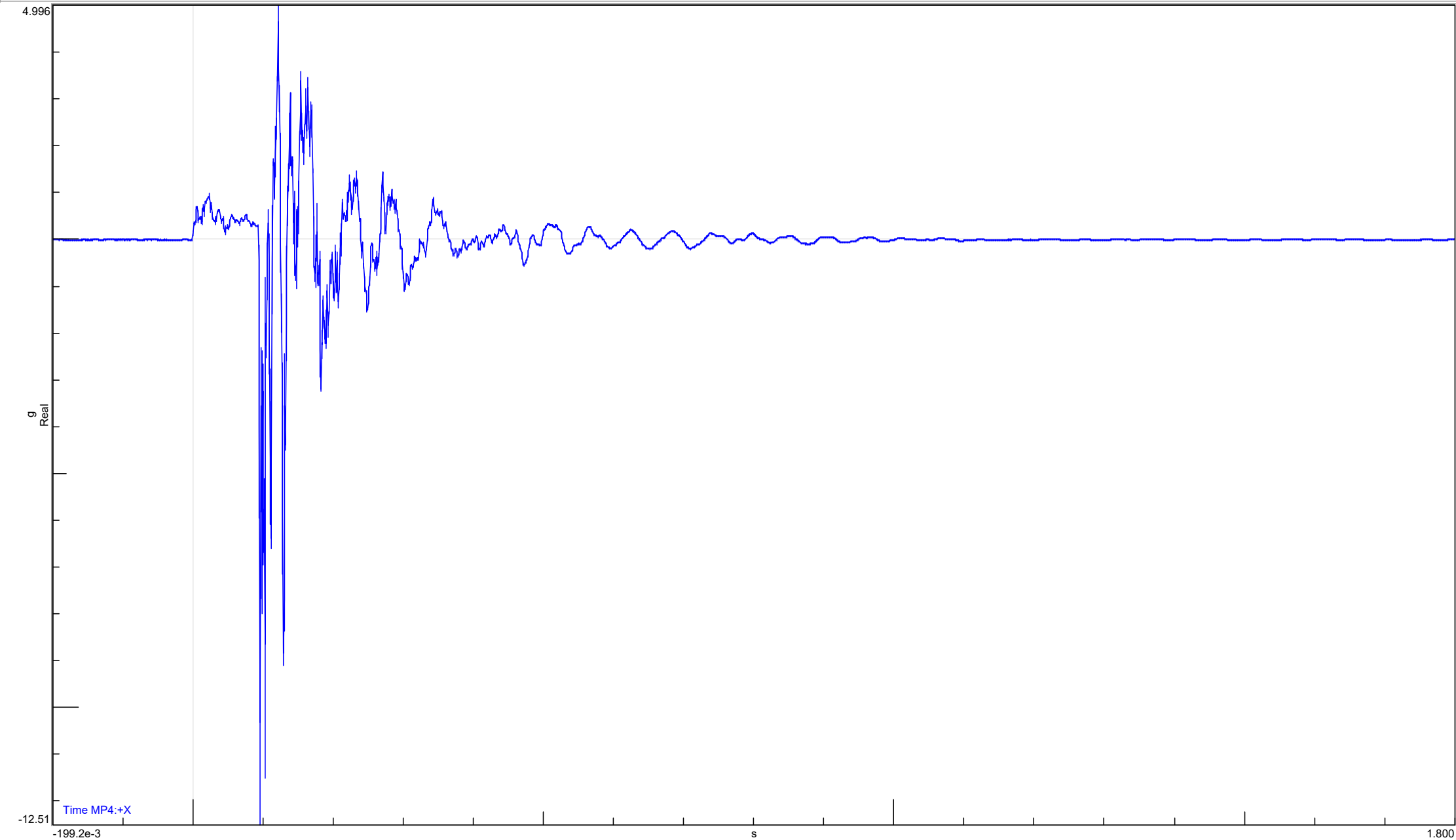


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13

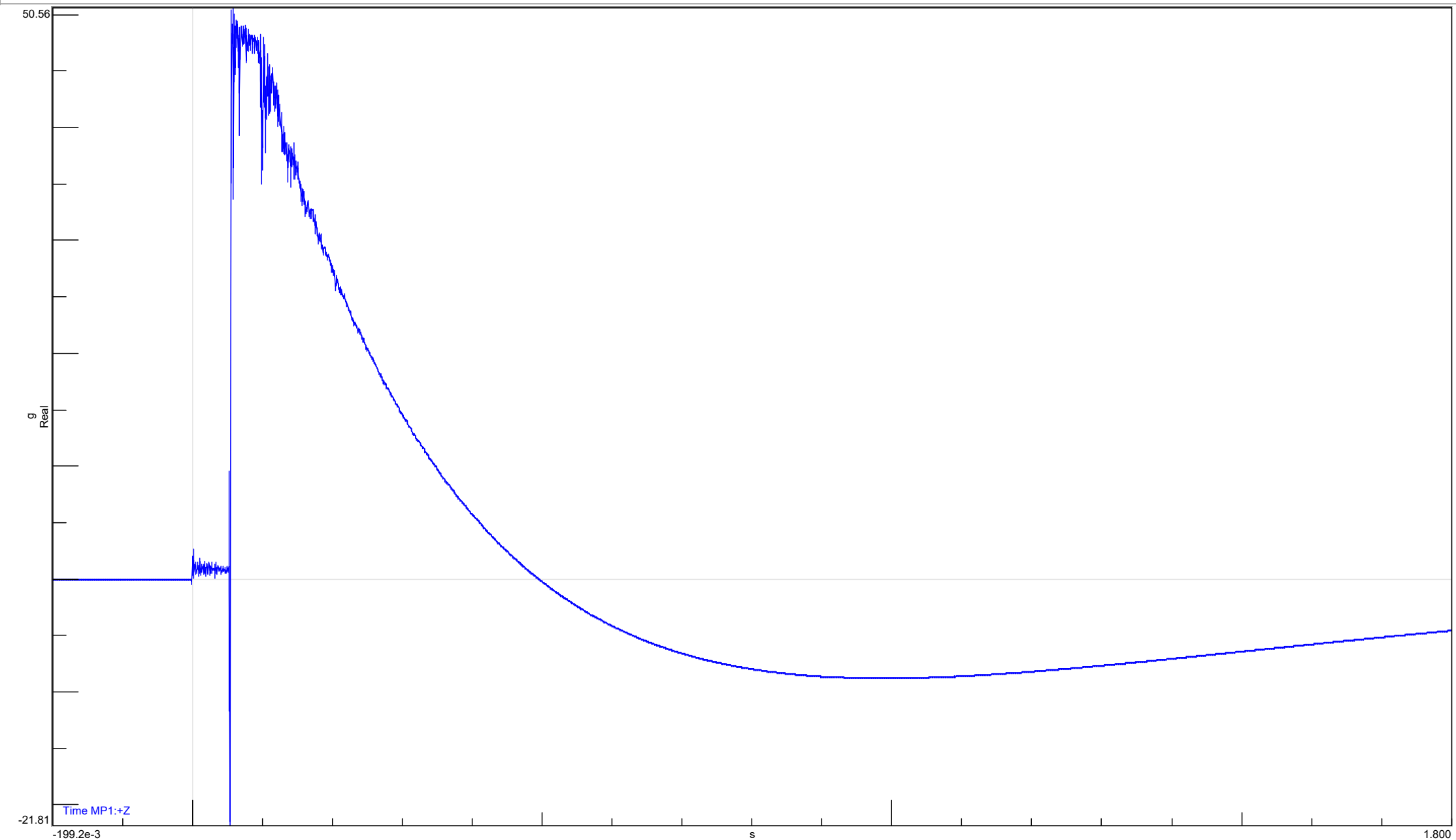


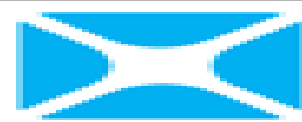
Trace identification : Time MP4:+X



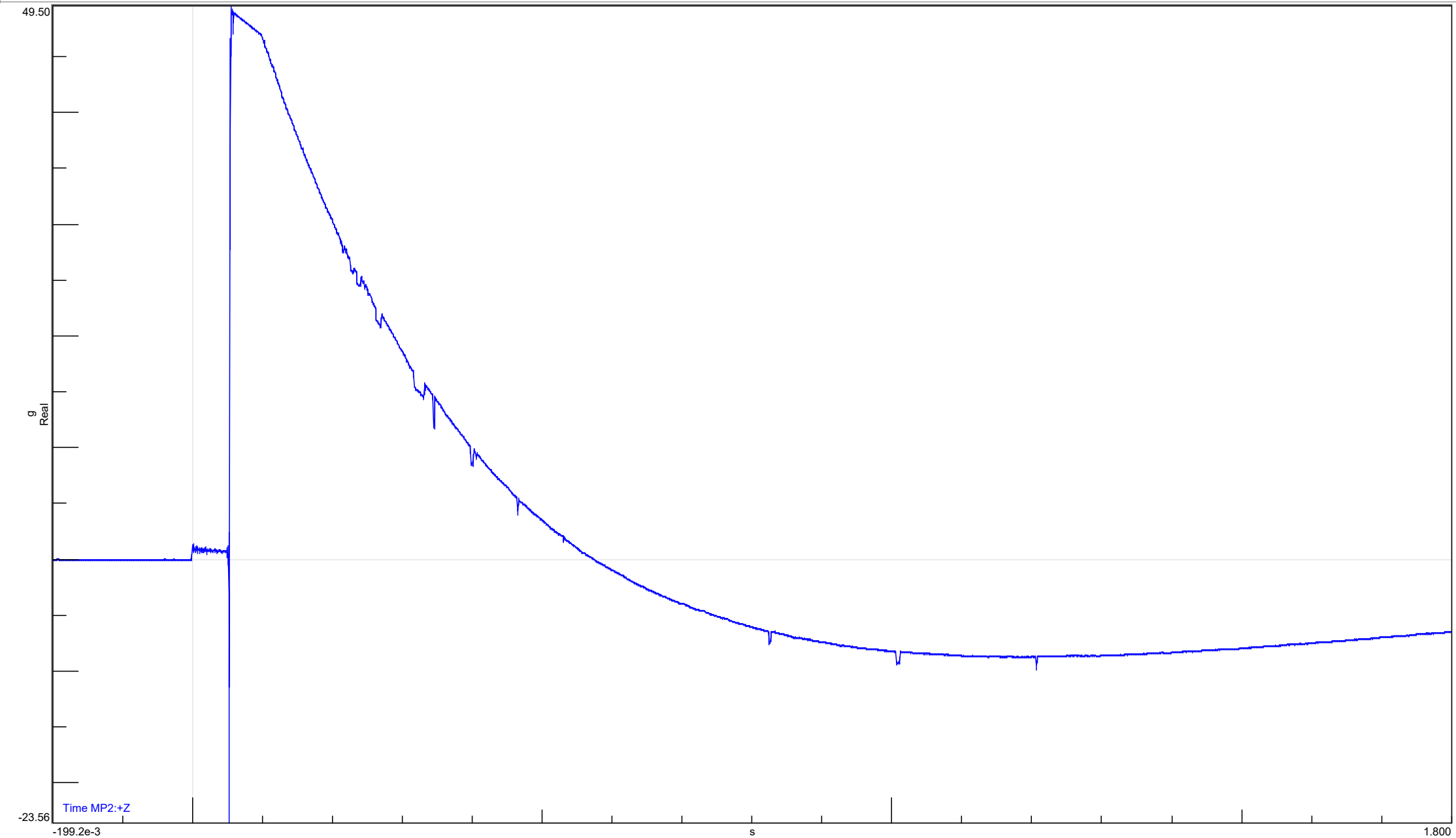


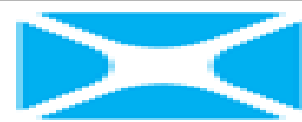
Trace identification : Time MP1:+Z



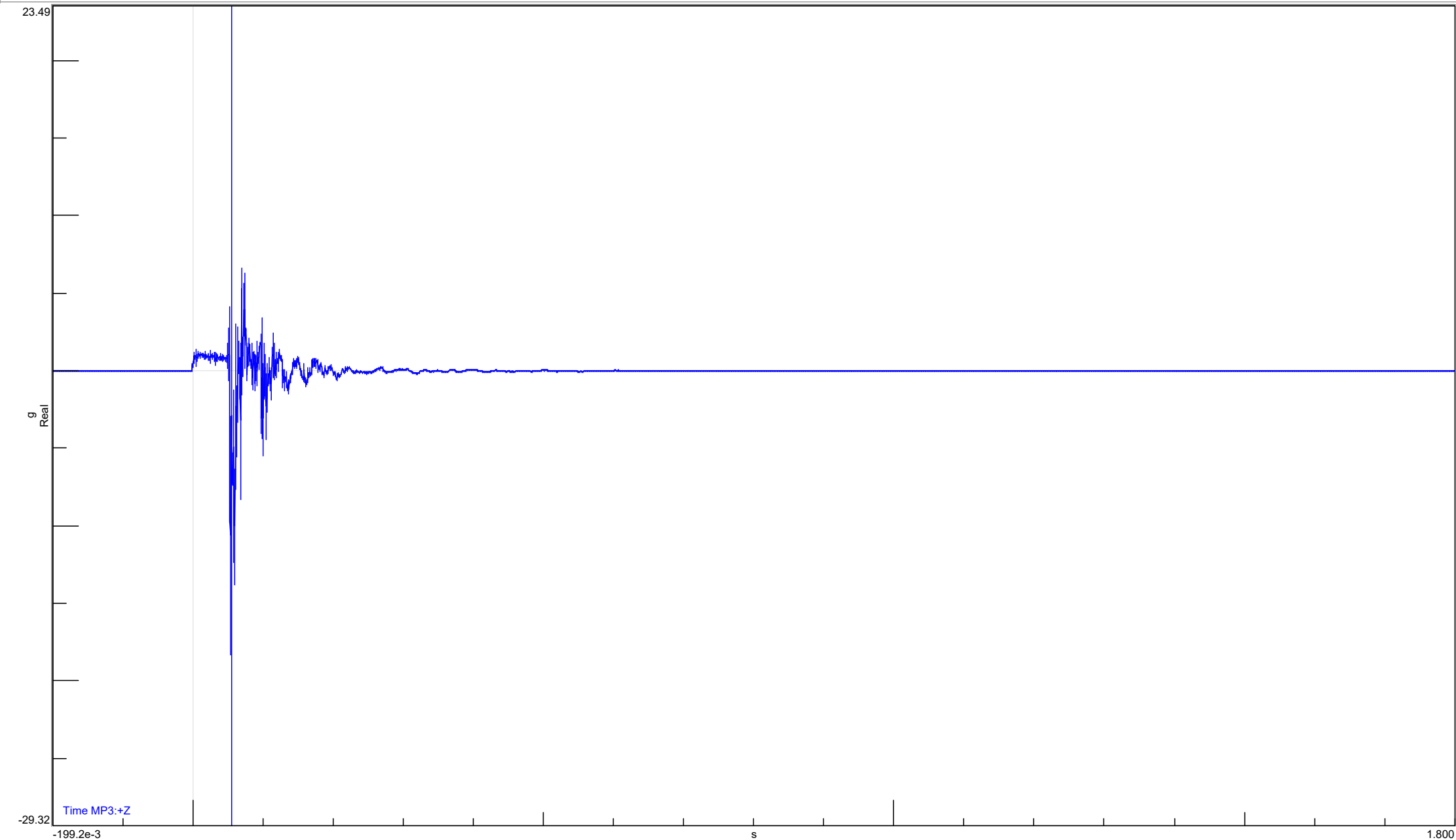


Trace identification : Time MP2:+Z





Trace identification : Time MP3:+Z



Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

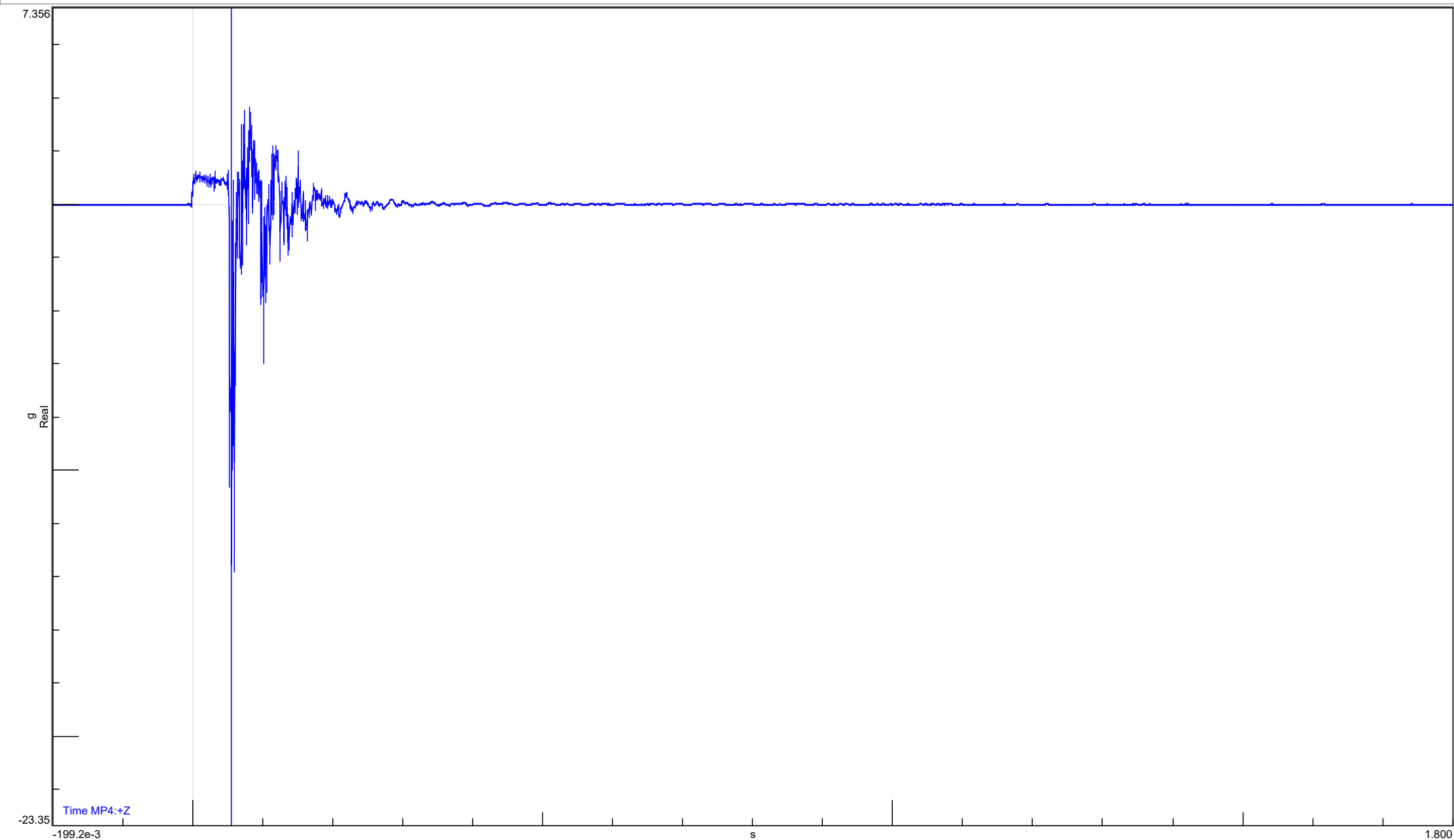
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:47:07

Run : 1cm Pavimento



Trace identification : Time MP4:+Z



Memo

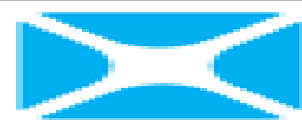
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

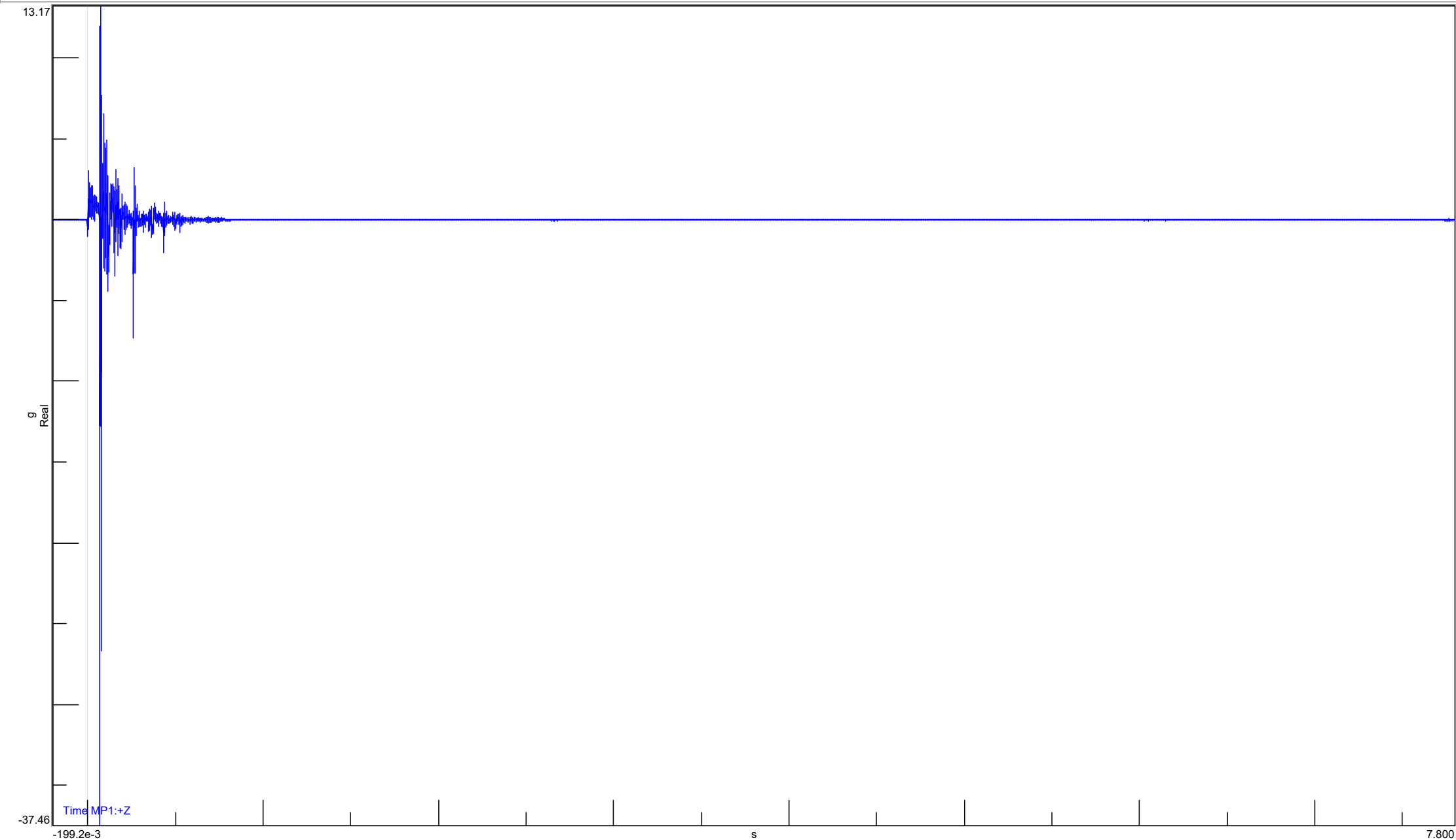
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

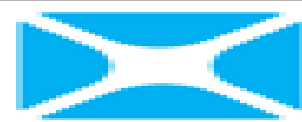
Time : 15:56:58

Run : 2cm Pavimento

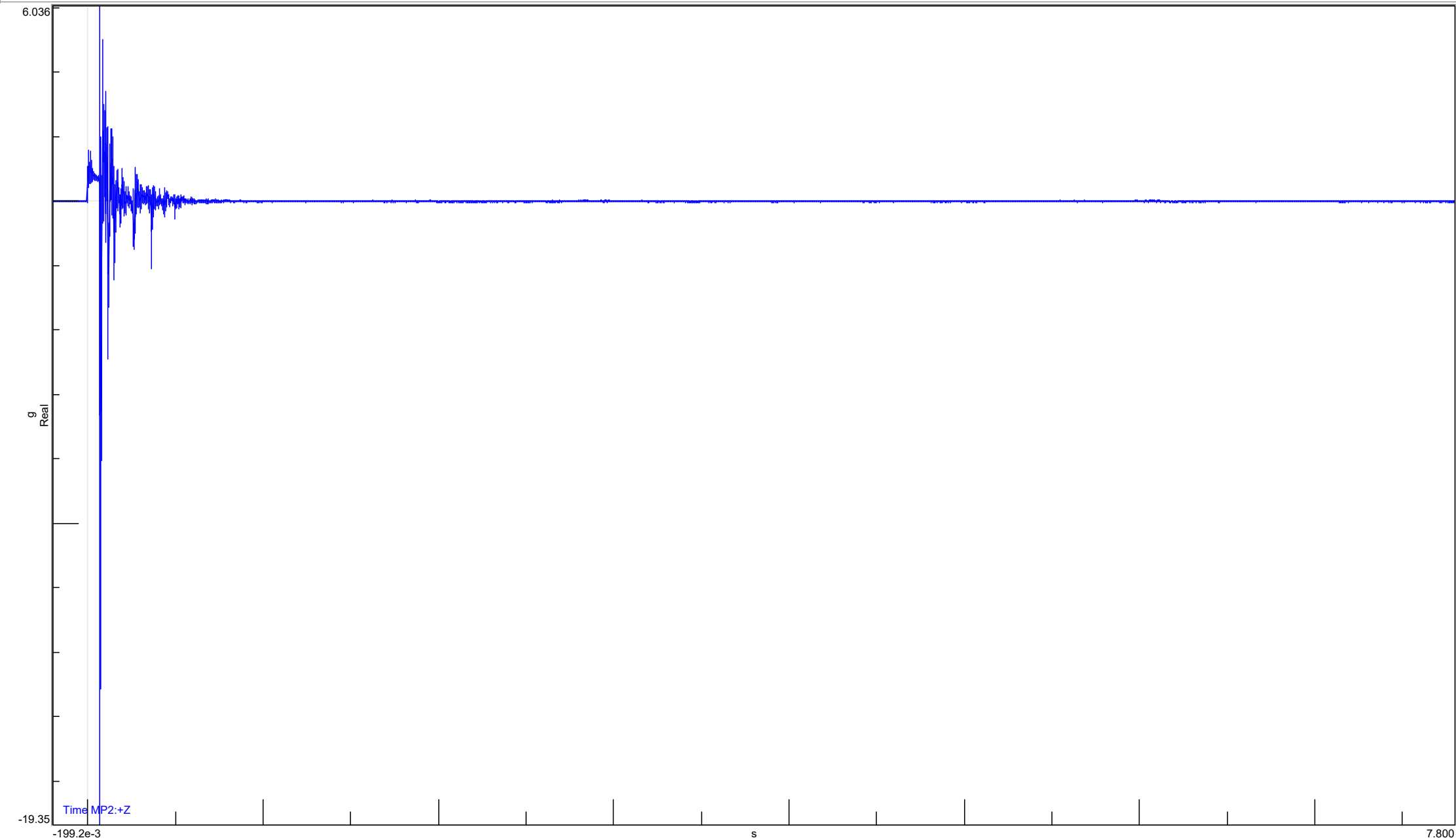


Trace identification : Time MP1:+Z





Trace identification : Time MP2:+Z



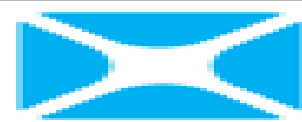
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

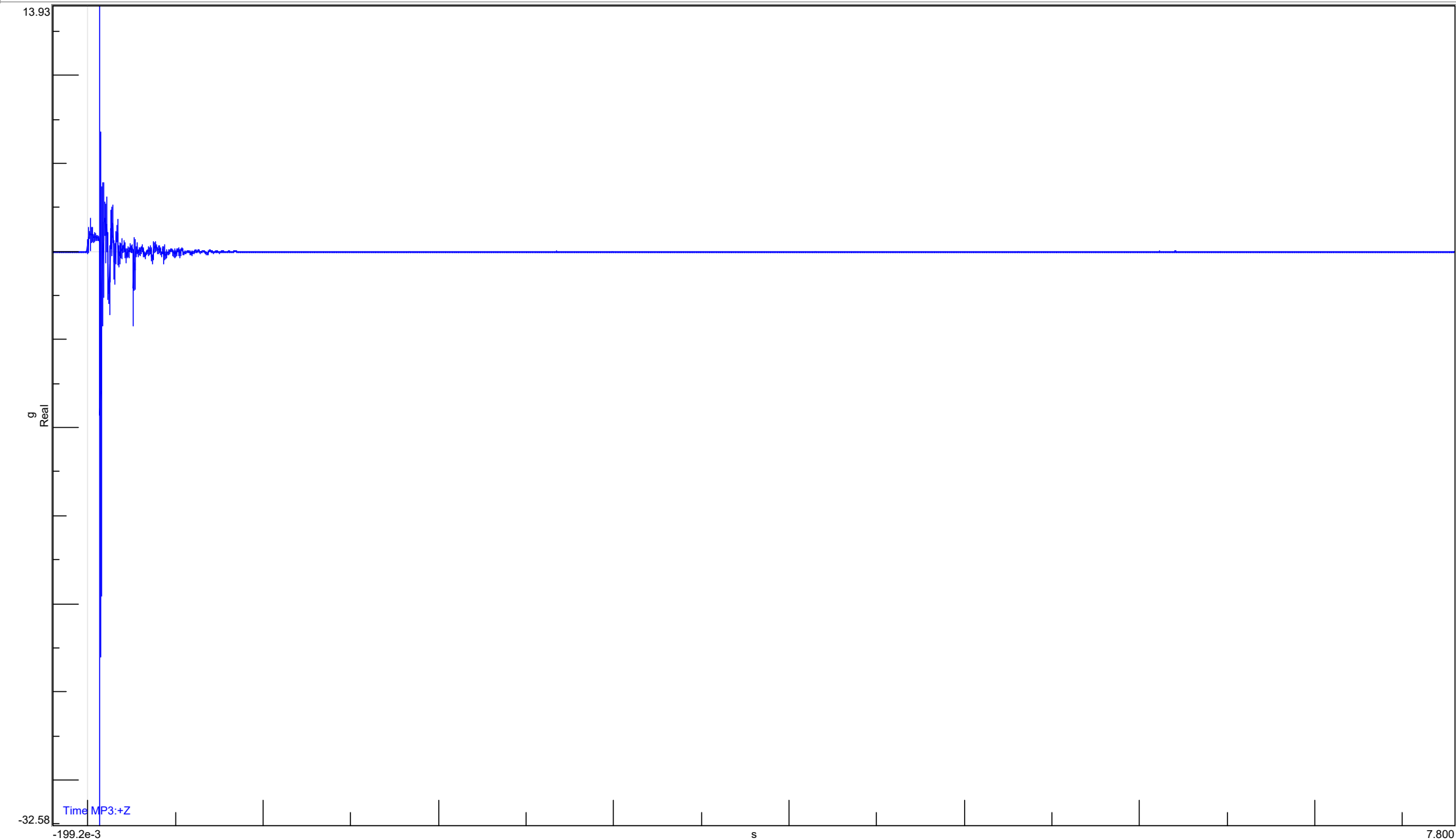
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:59

Run : 2cm Pavimento



Trace identification : Time MP3:+Z



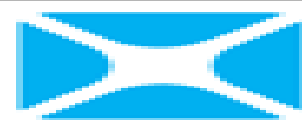
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

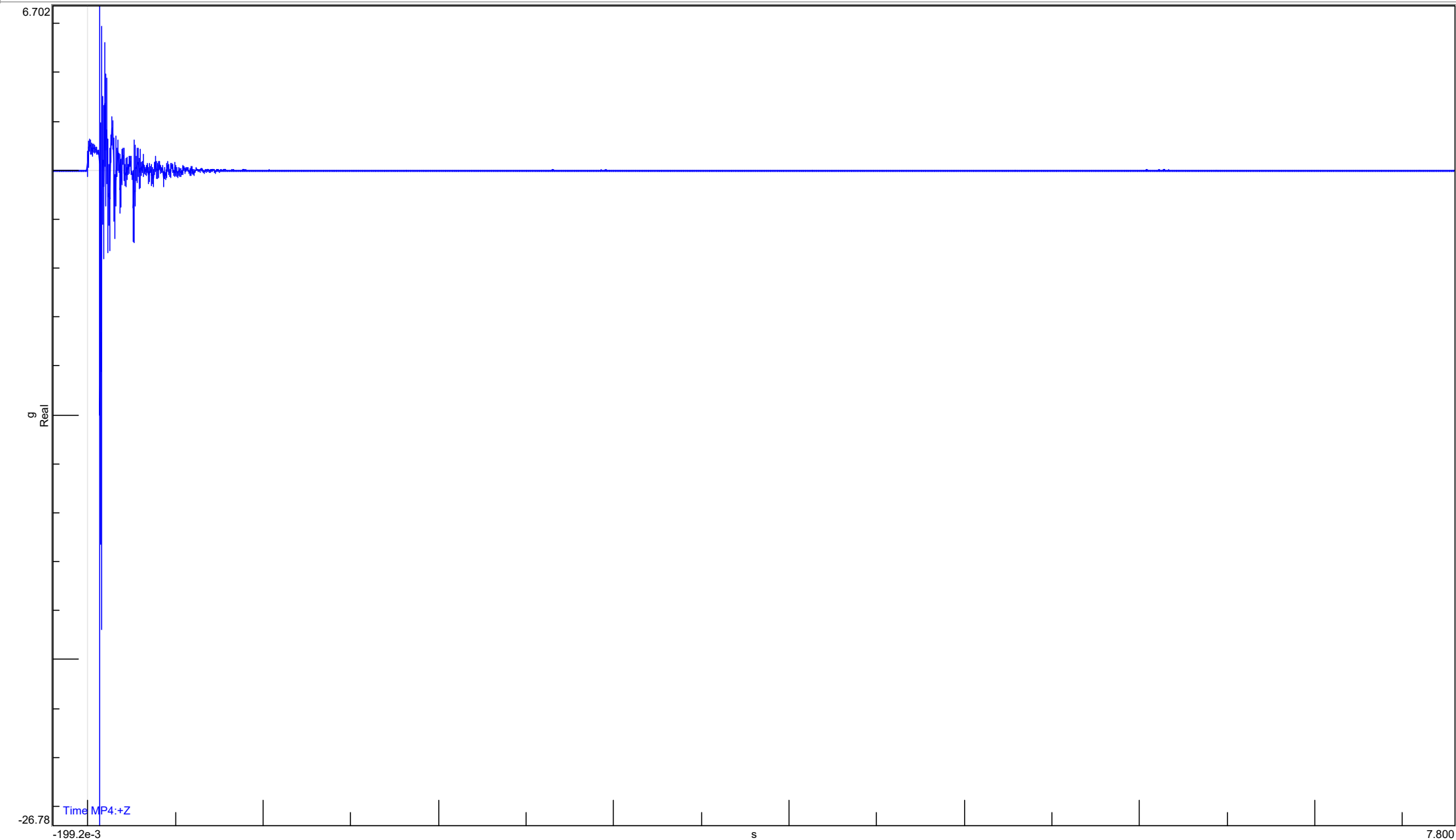
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:59

Run : 2cm Pavimento



Trace identification : Time MP4:+Z



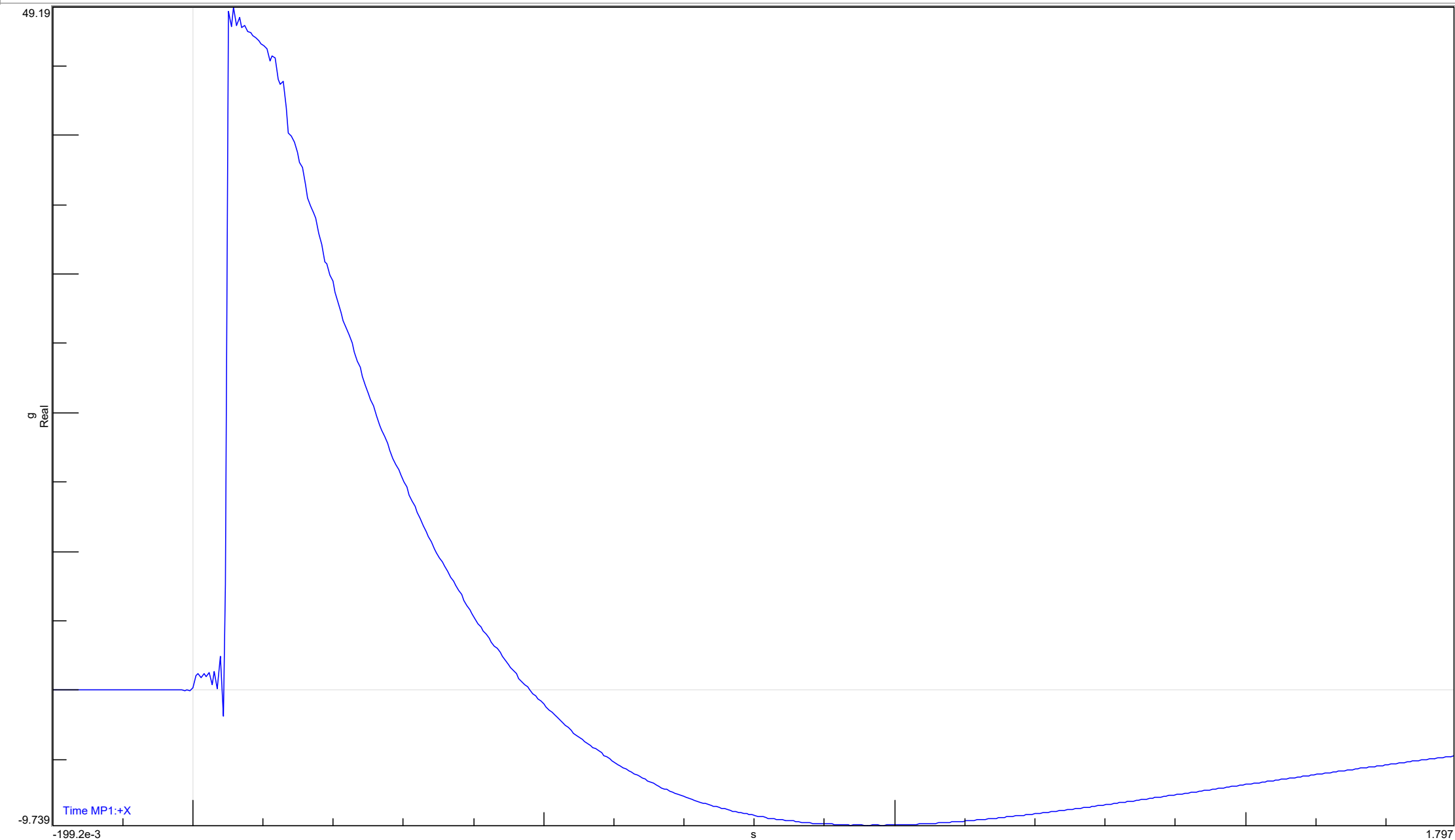
ALLEGATO 2 - GRAFICI DROP TEST - MISURE COMPLETE

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP1:+X

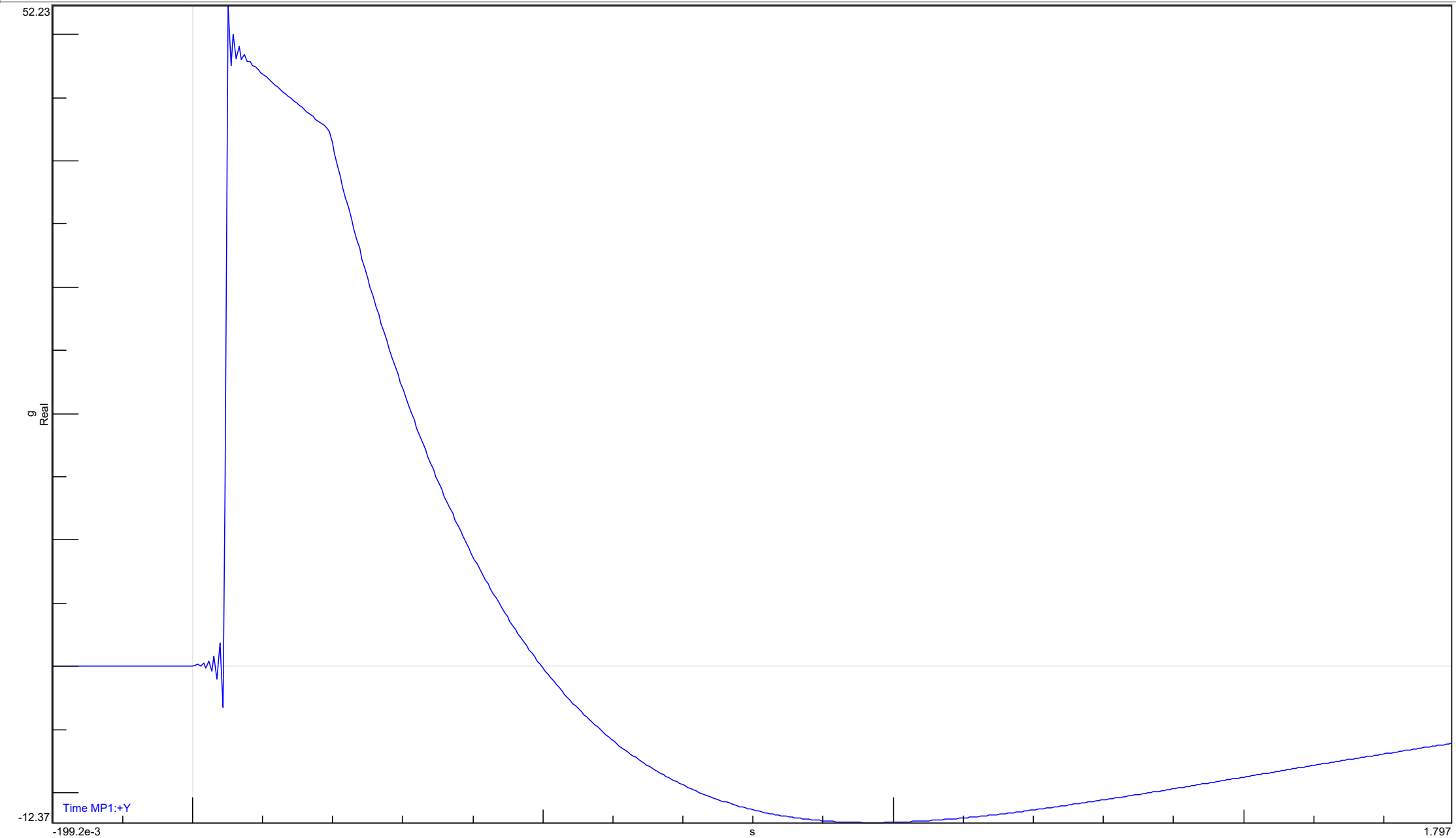


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25

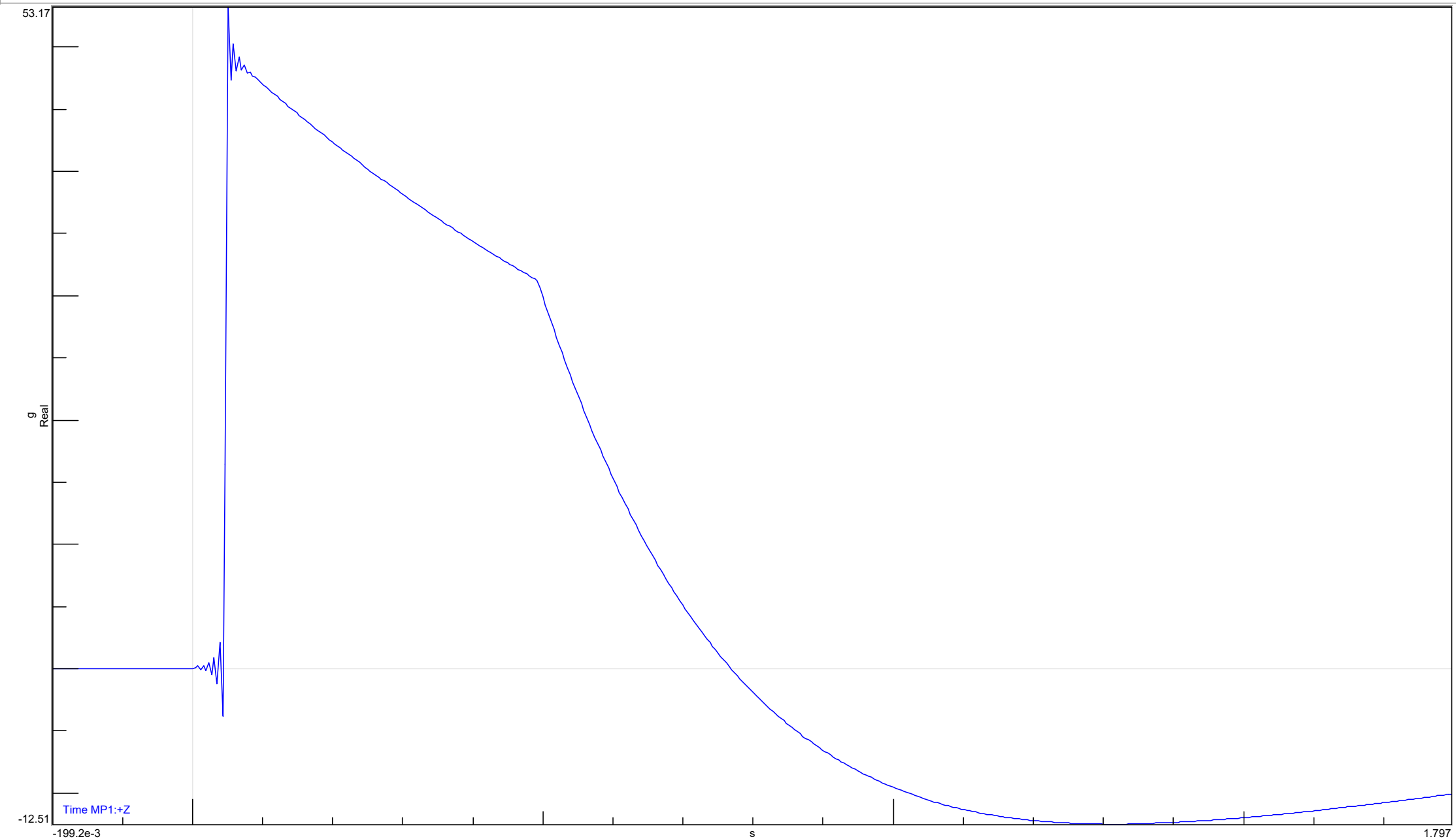


Trace identification : Time MP1:+Y





Trace identification : Time MP1:+Z

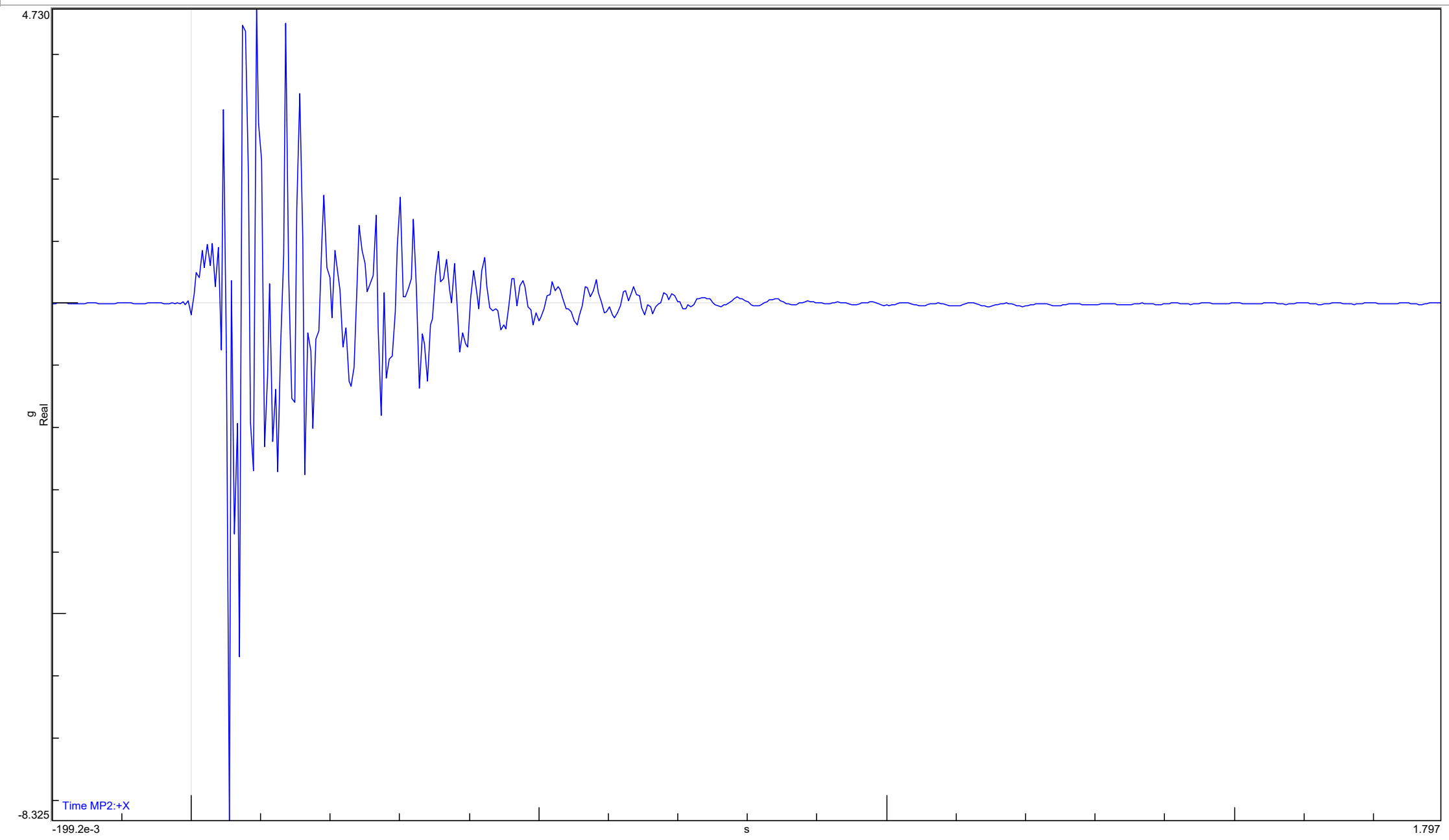


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP2:+X



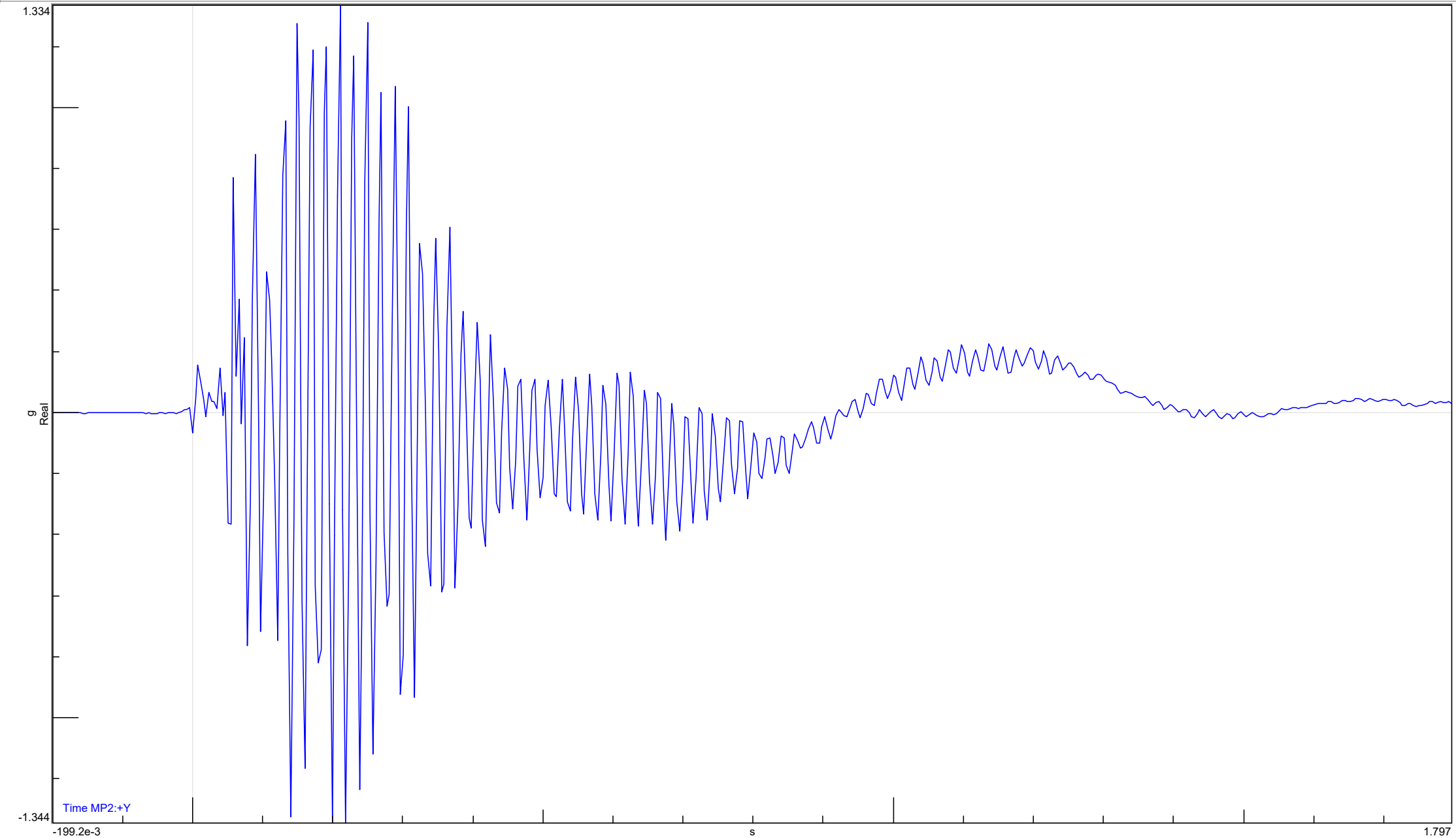
Memo

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP2:+Y

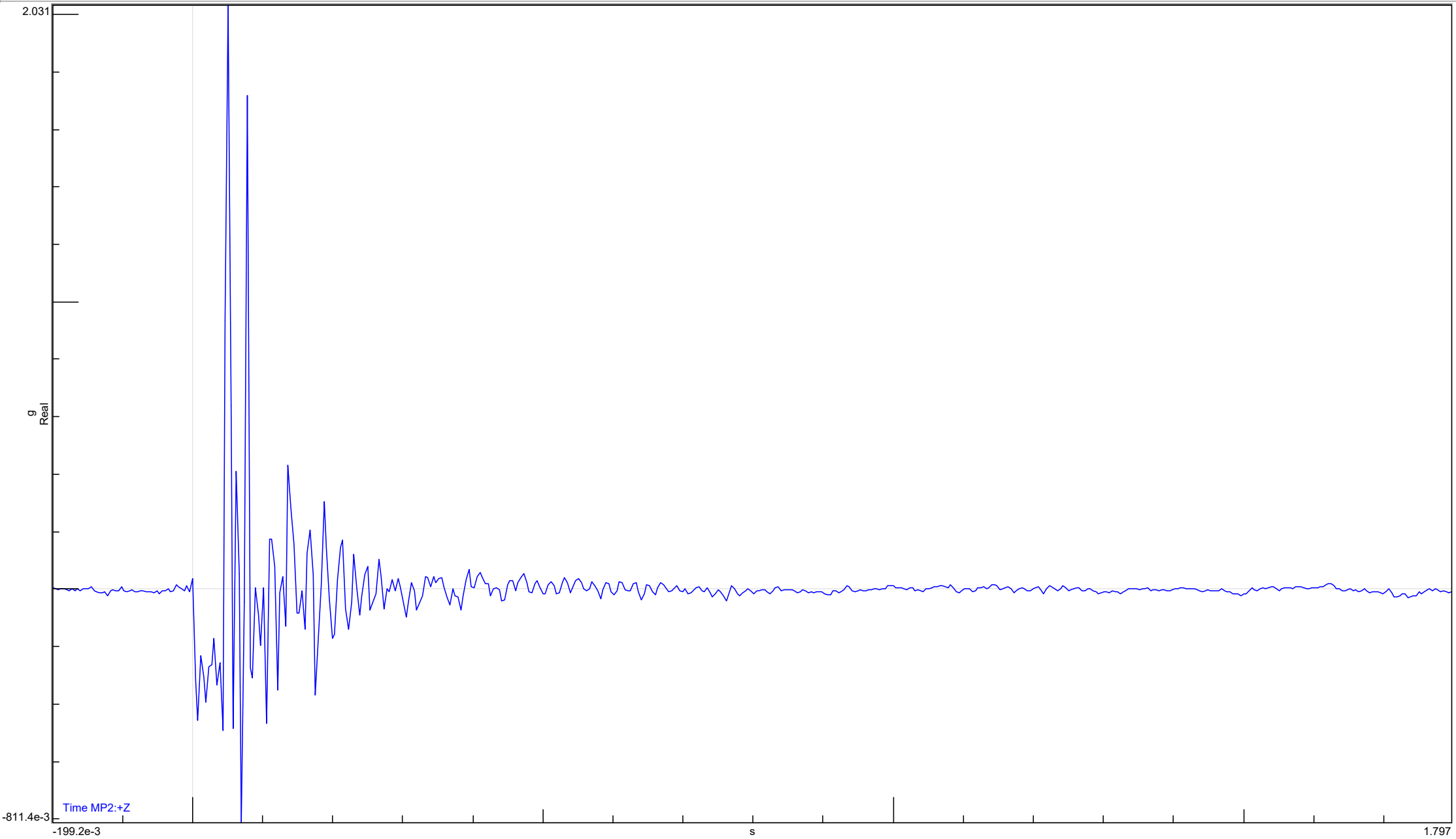


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP2:+Z

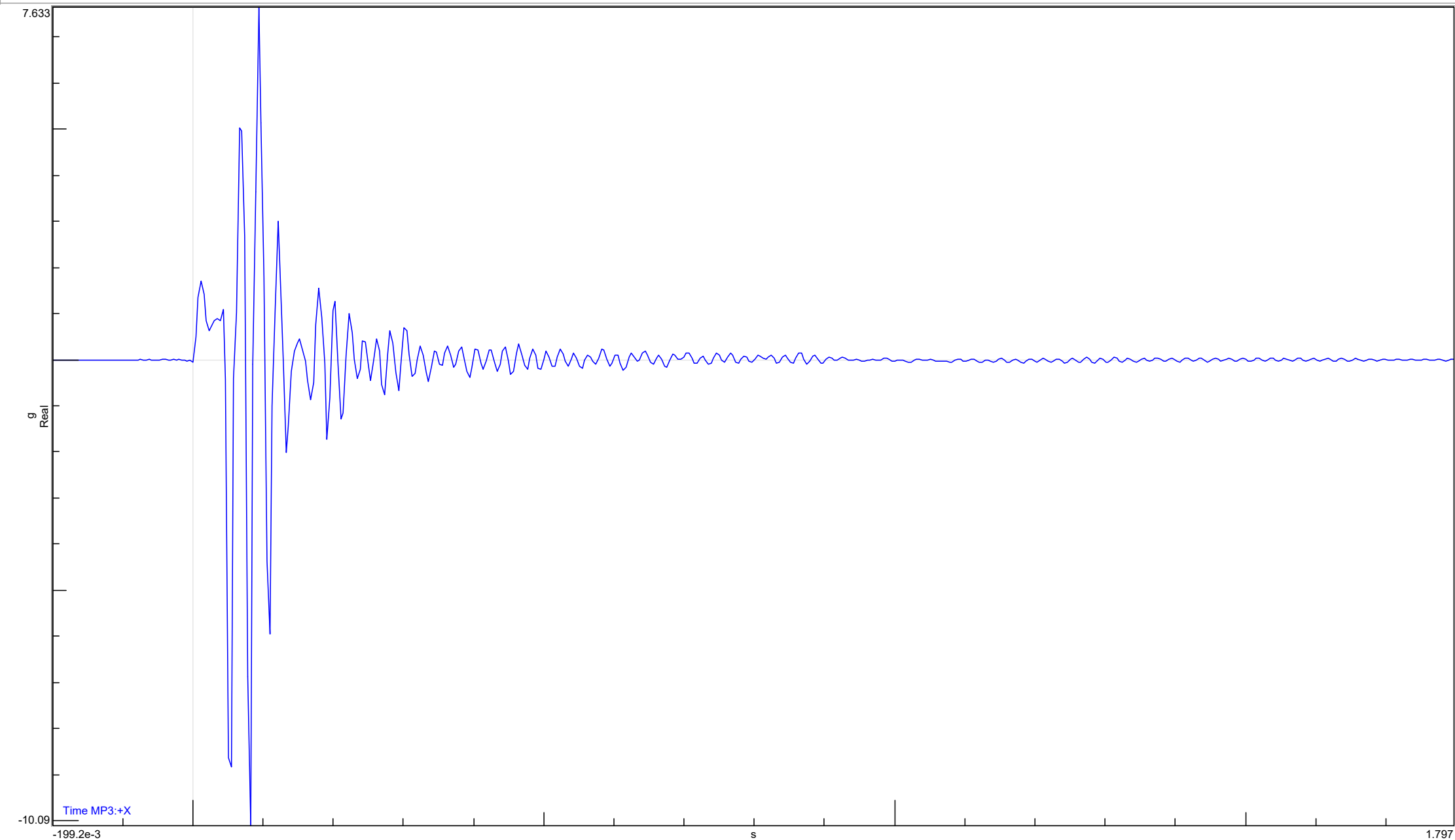


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25

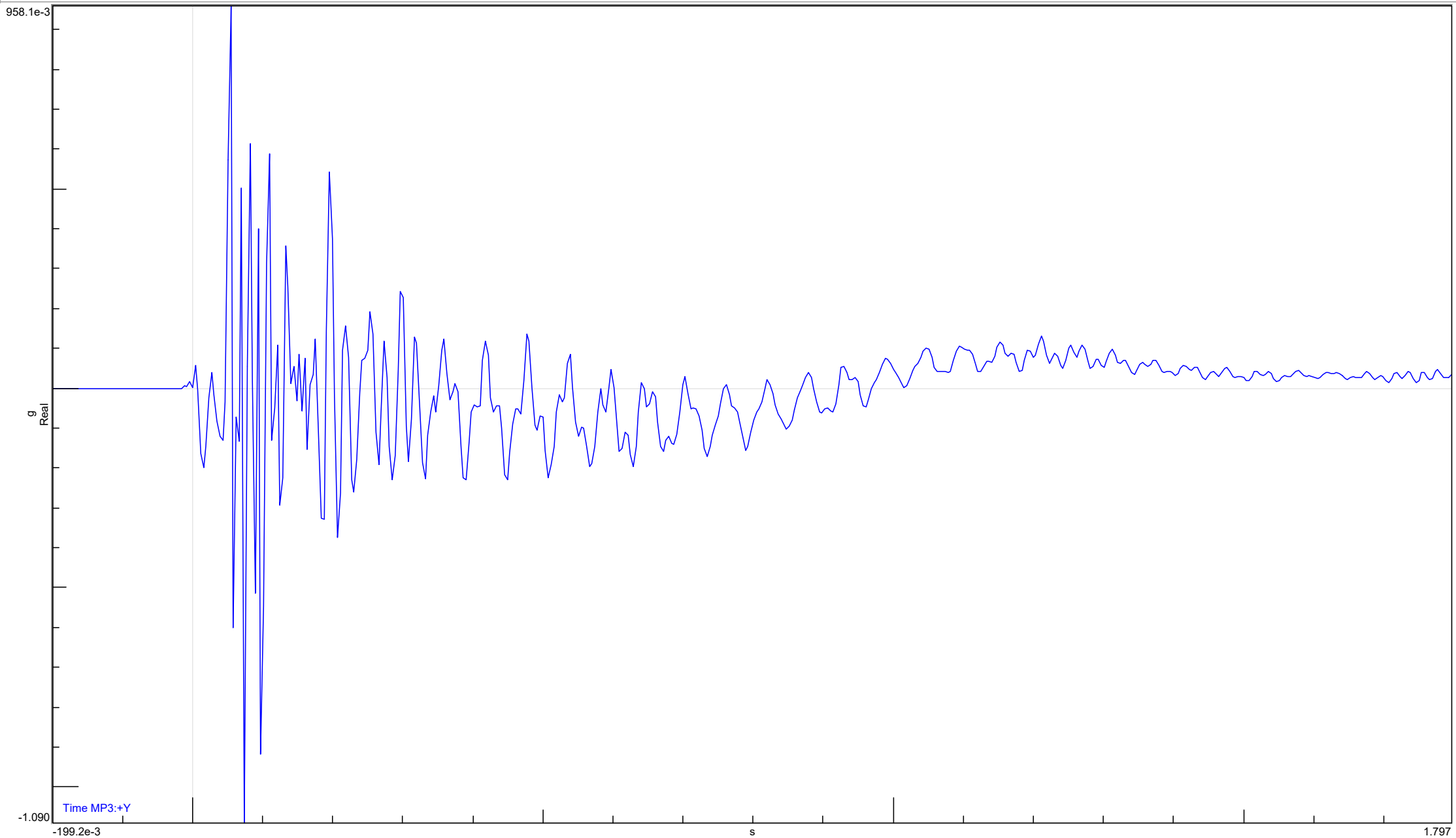


Trace identification : Time MP3:+X



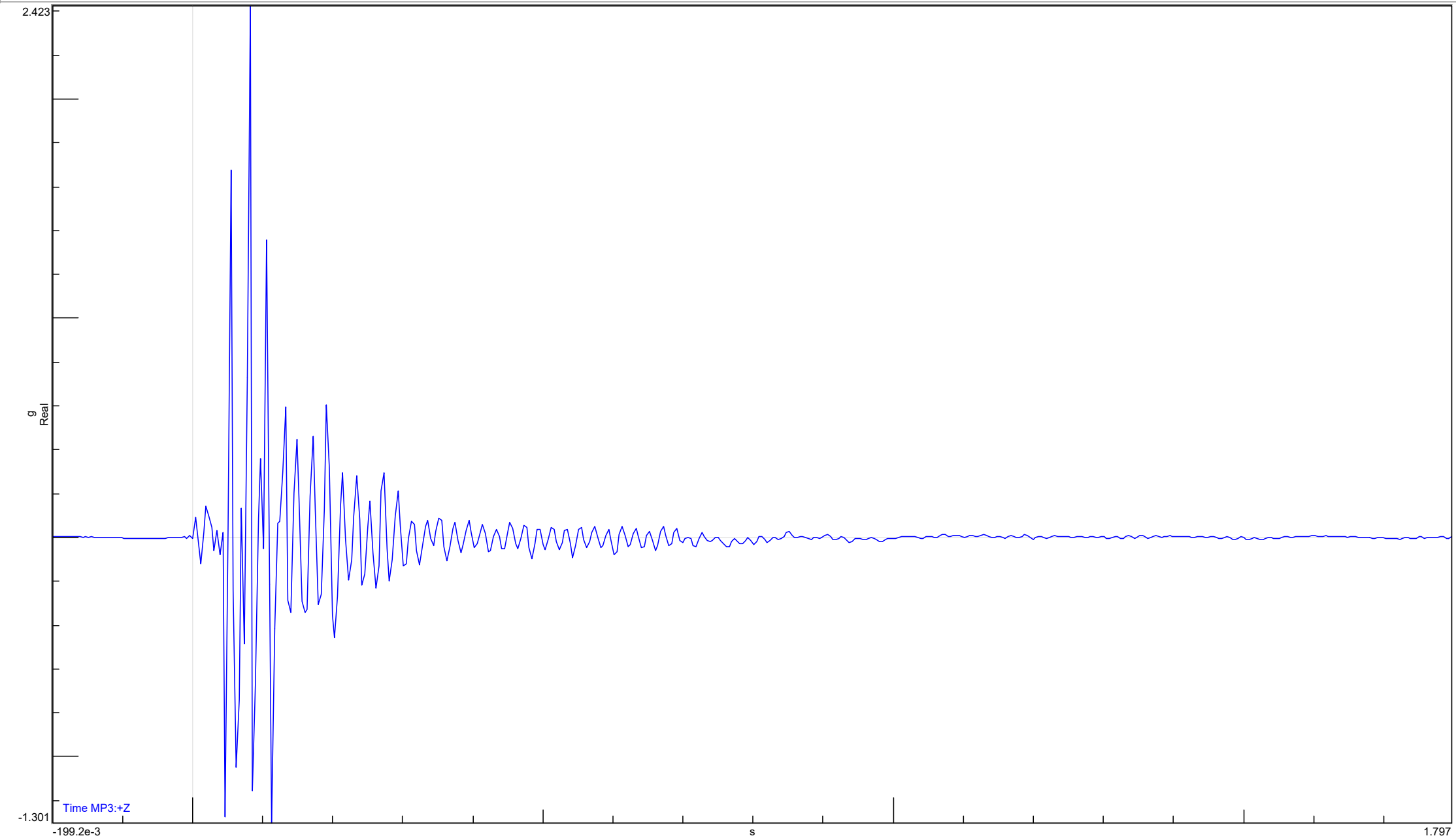


Trace identification : Time MP3:+Y





Trace identification : Time MP3:+Z

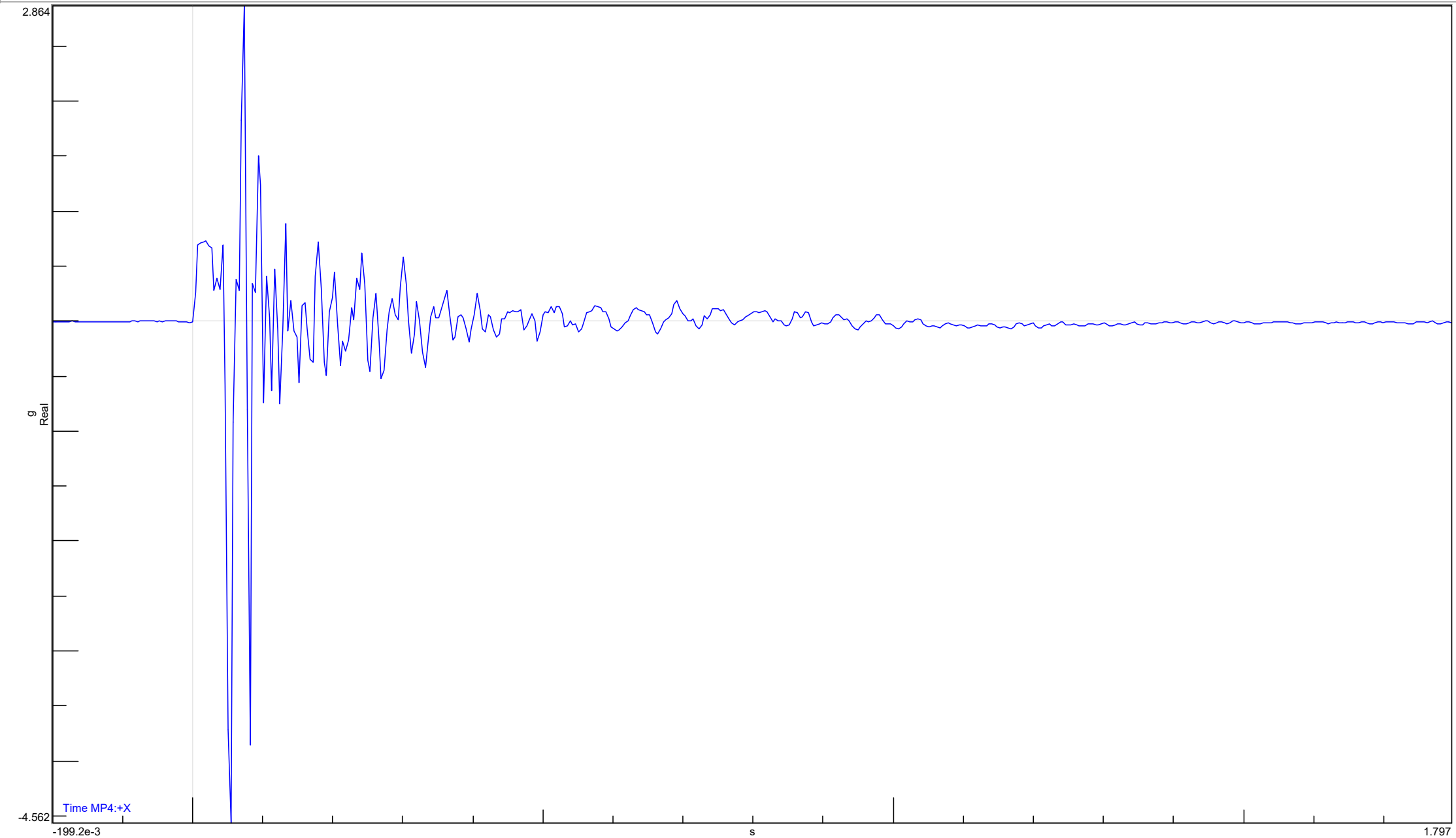


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25

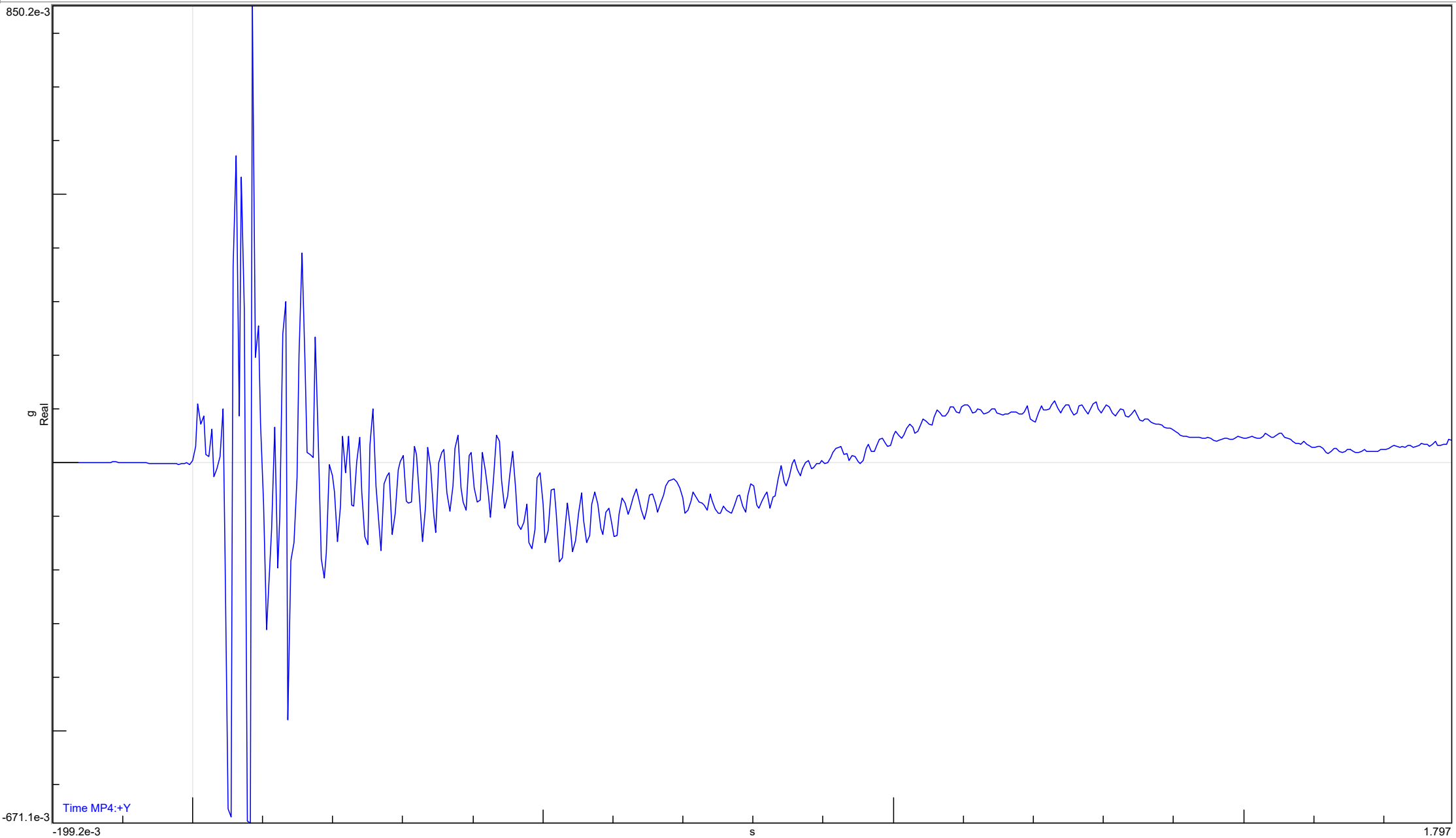


Trace identification : Time MP4:+X





Trace identification : Time MP4:+Y

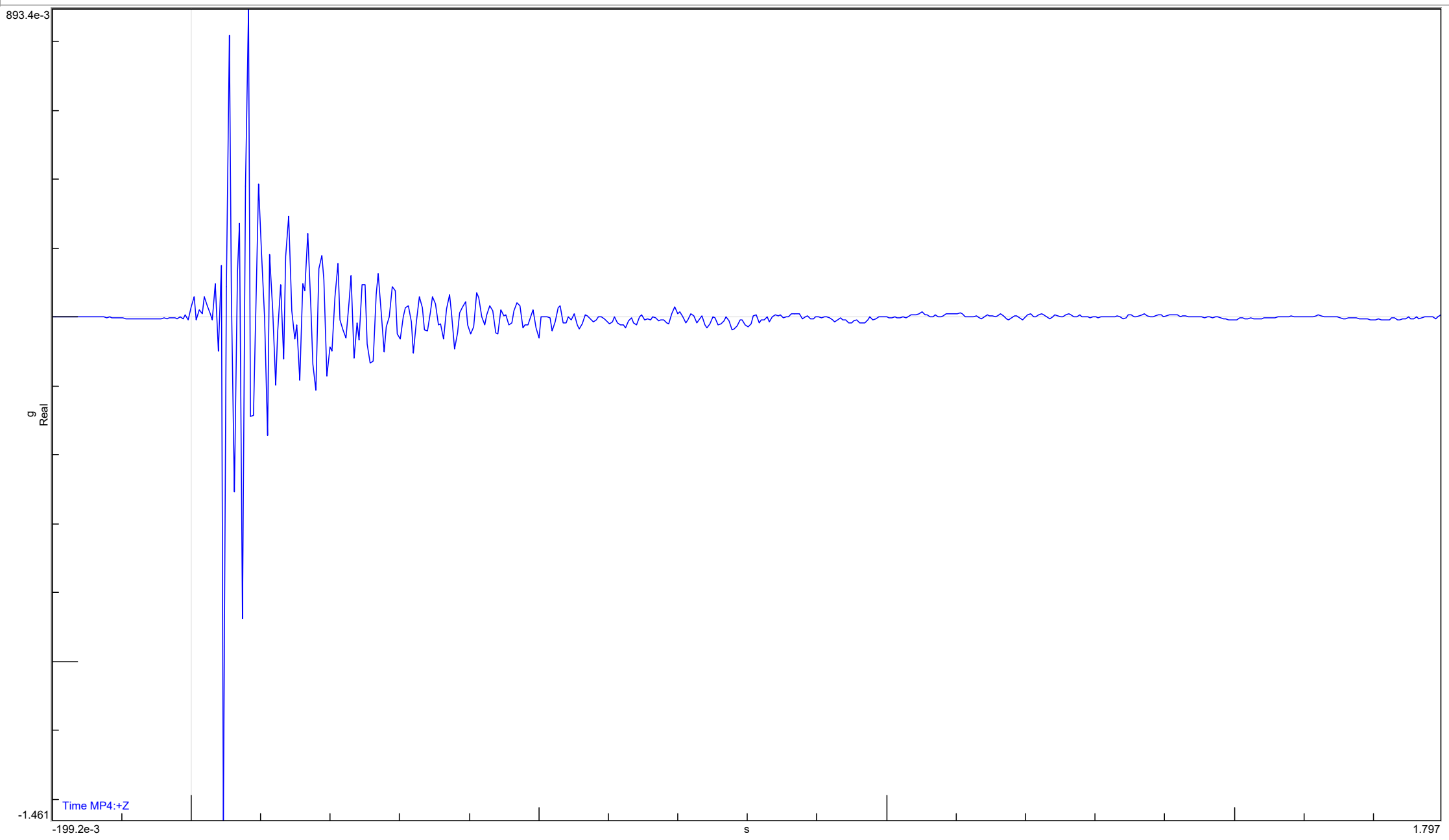


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone

Date : Thu Sep 16 2021
 Time : 14:46:25



Trace identification : Time MP4:+Z



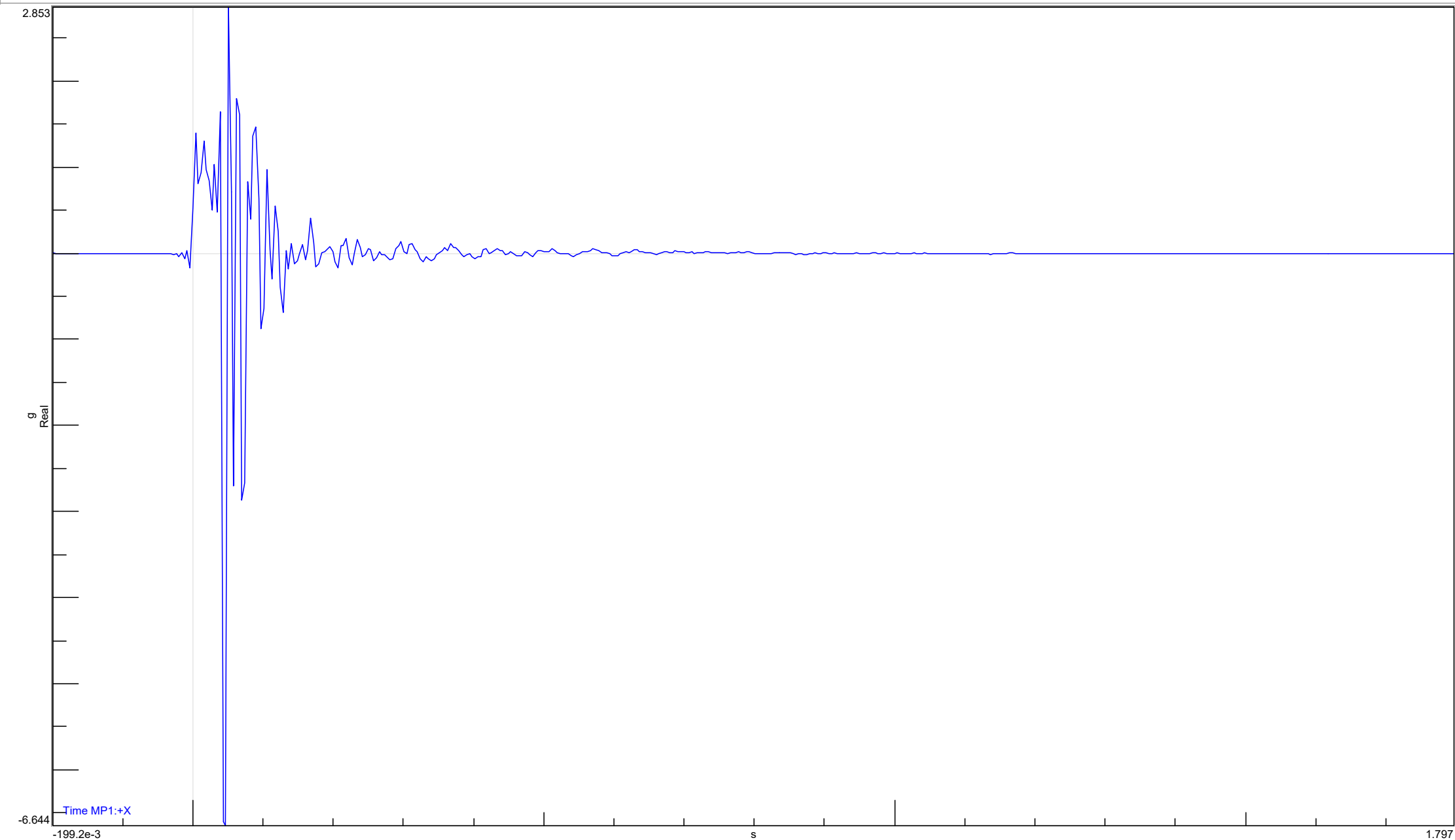
Memo

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP1:+X

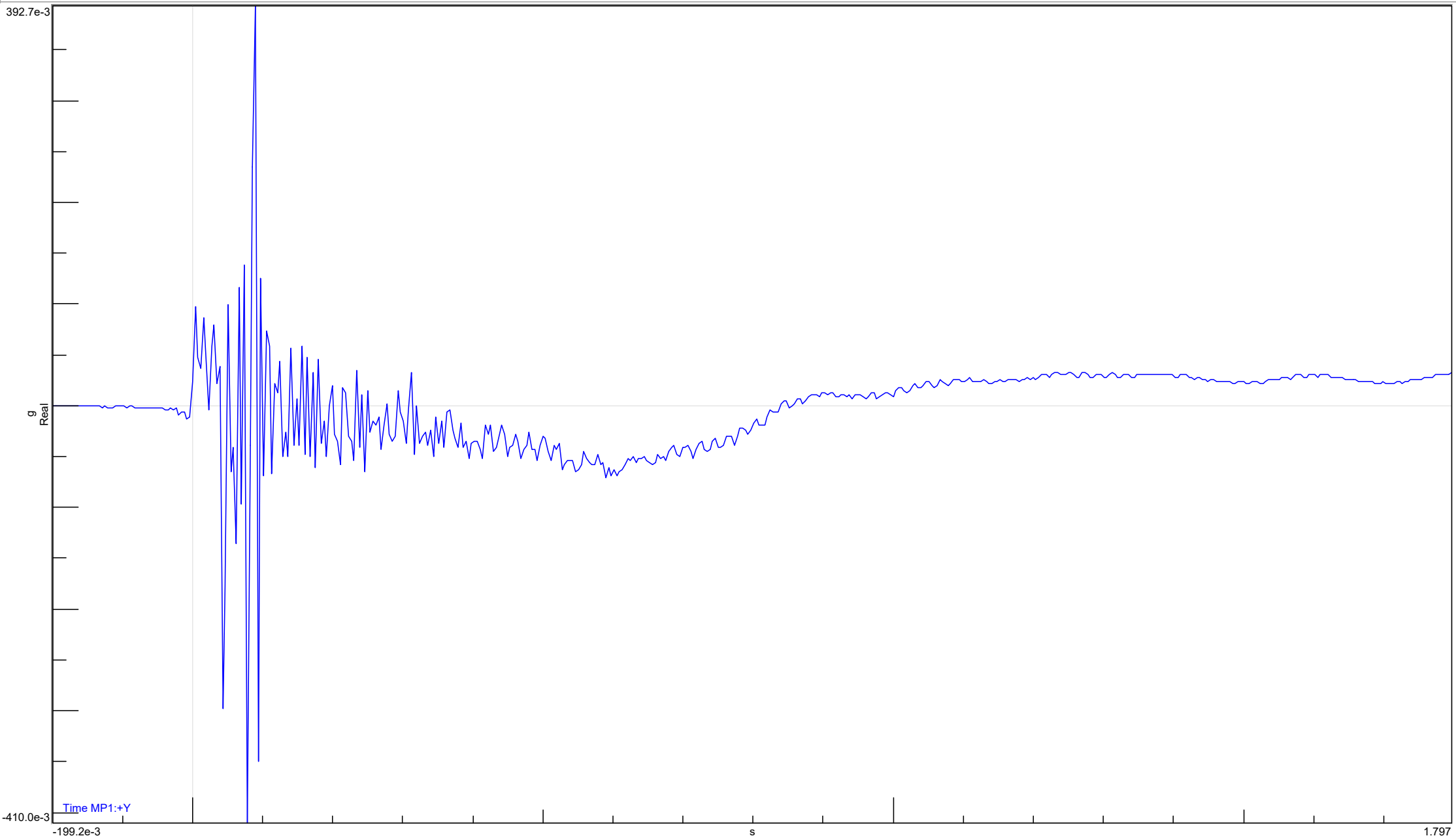


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP1:+Y

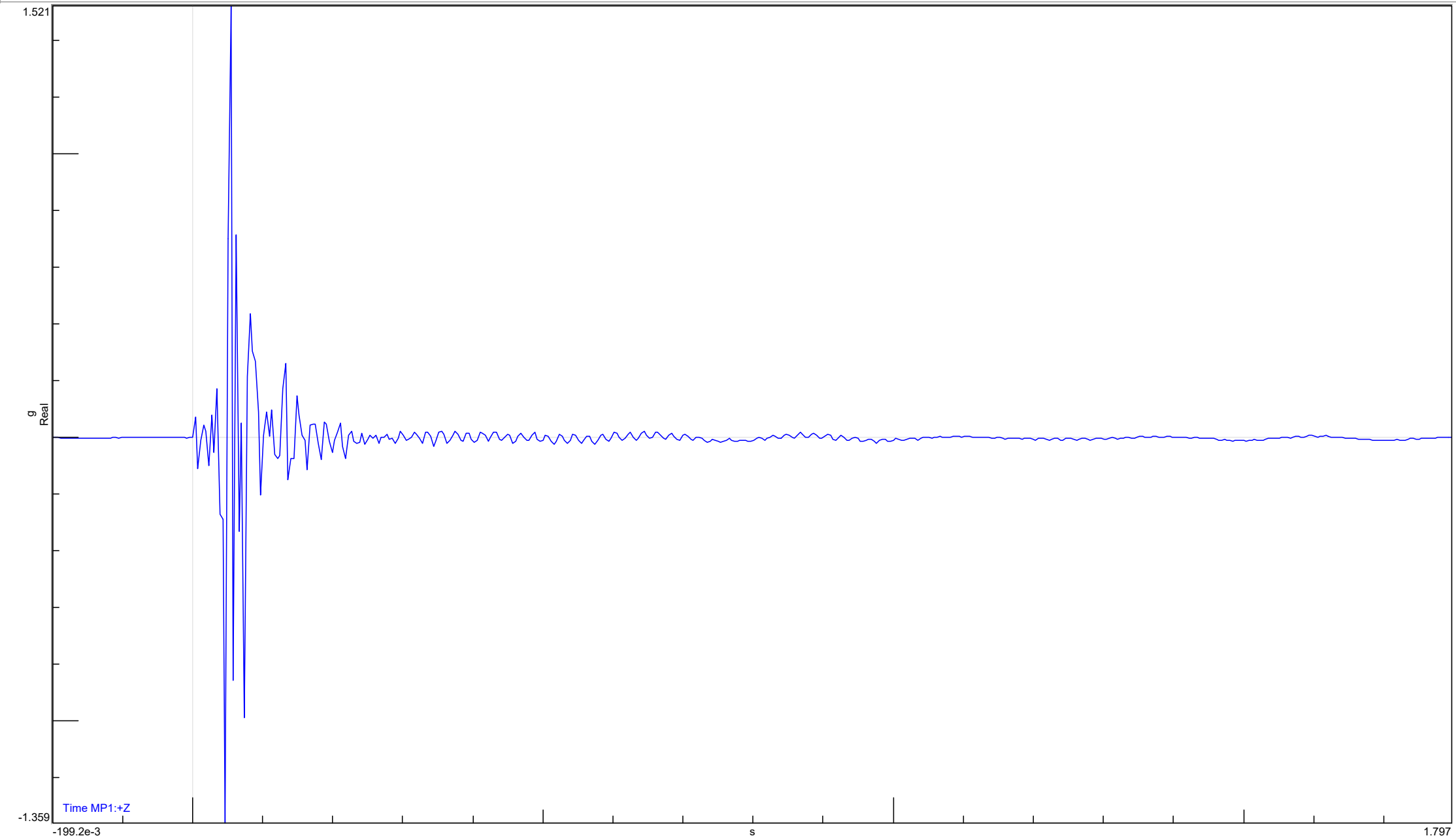


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP1:+Z

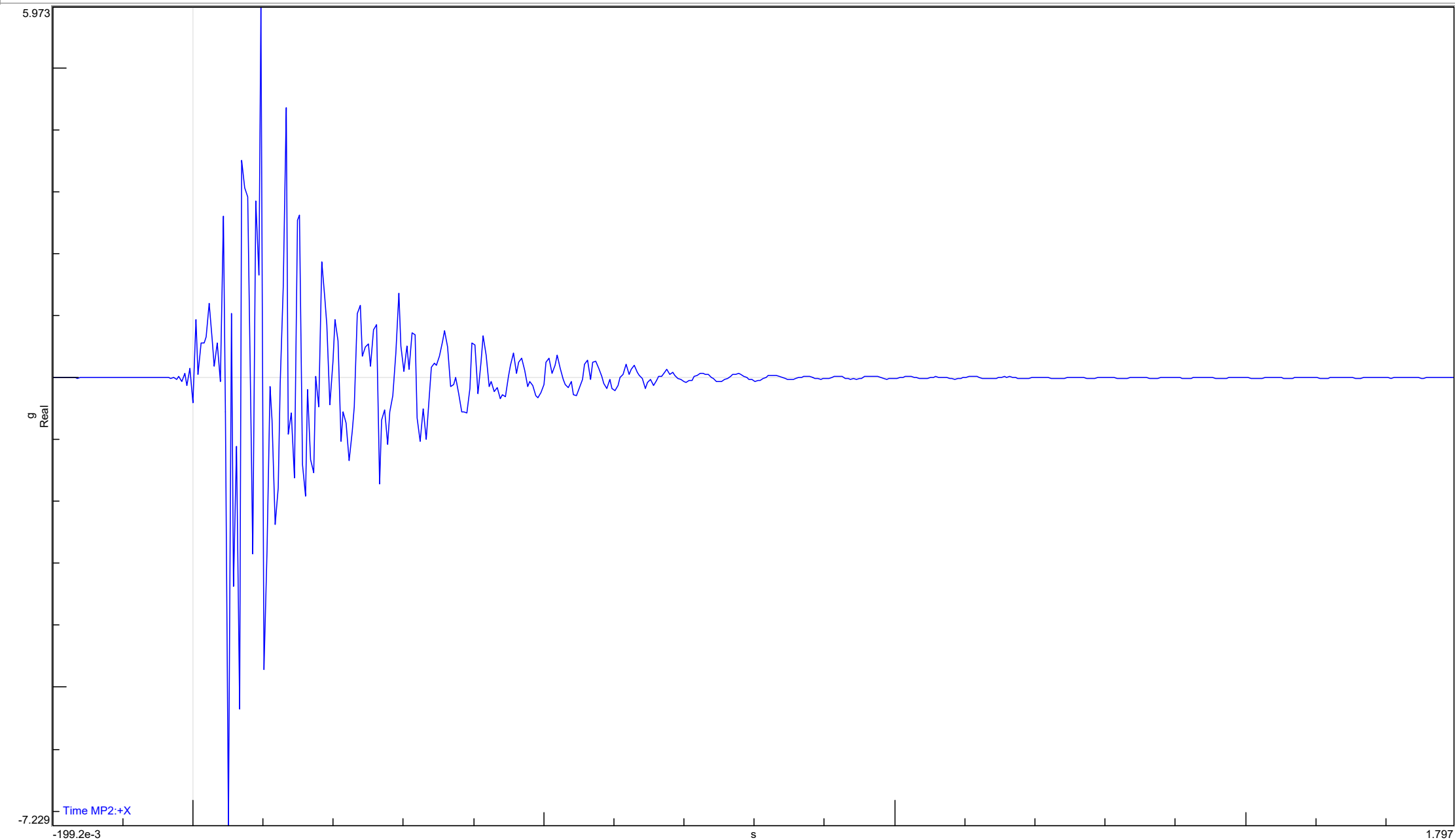


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP2:+X

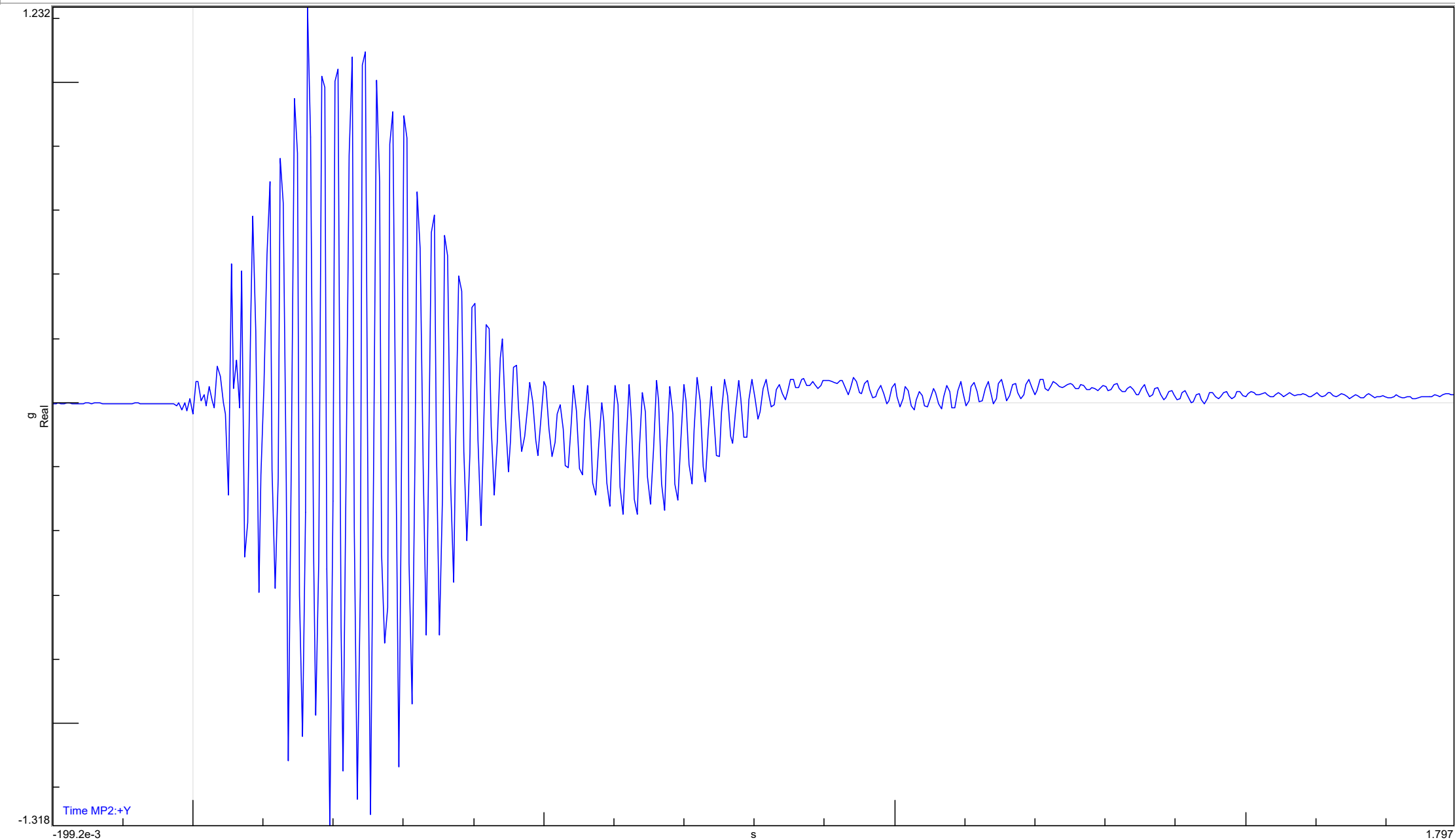


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP2:+Y



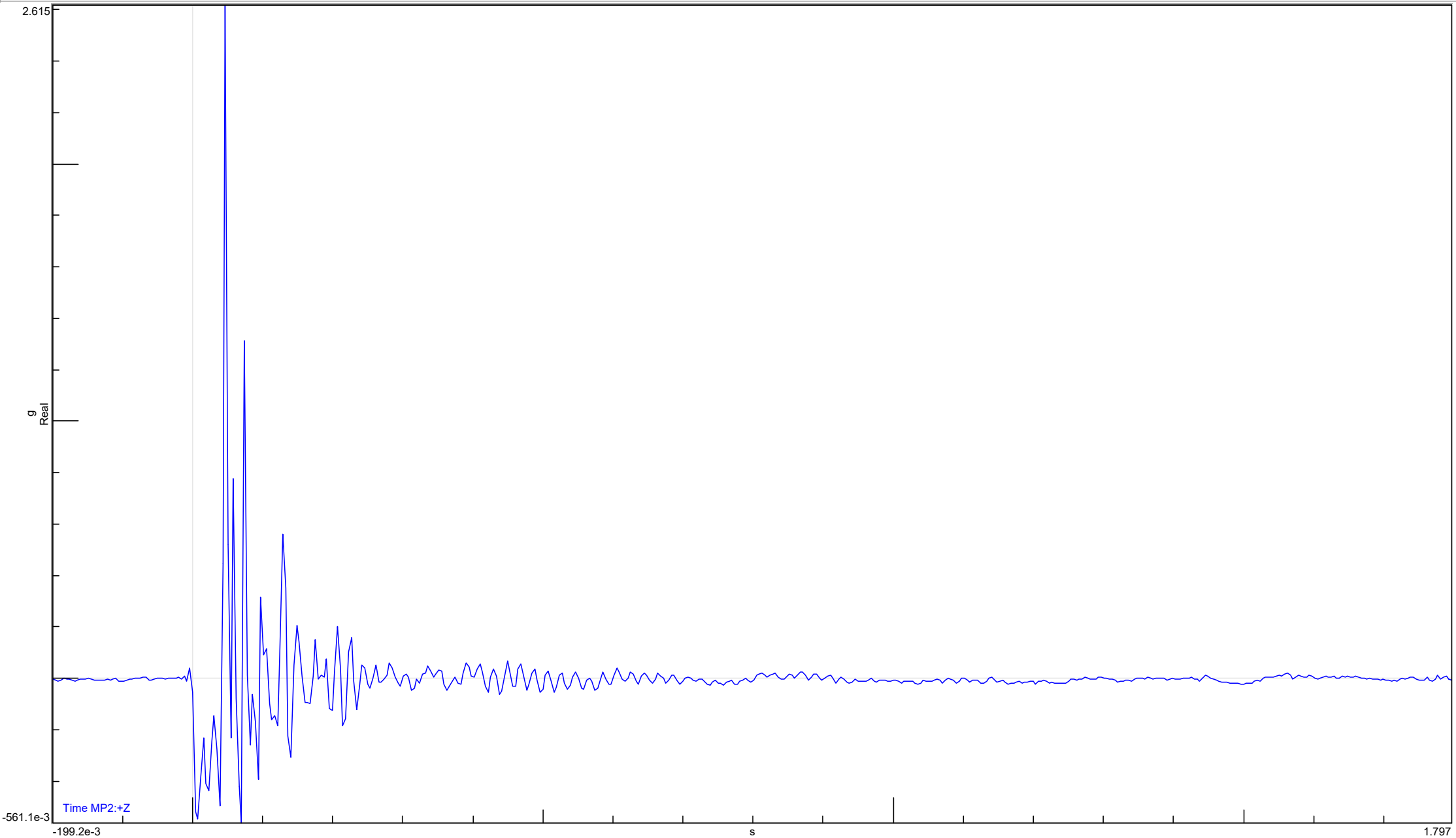
Memo

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP2:+Z

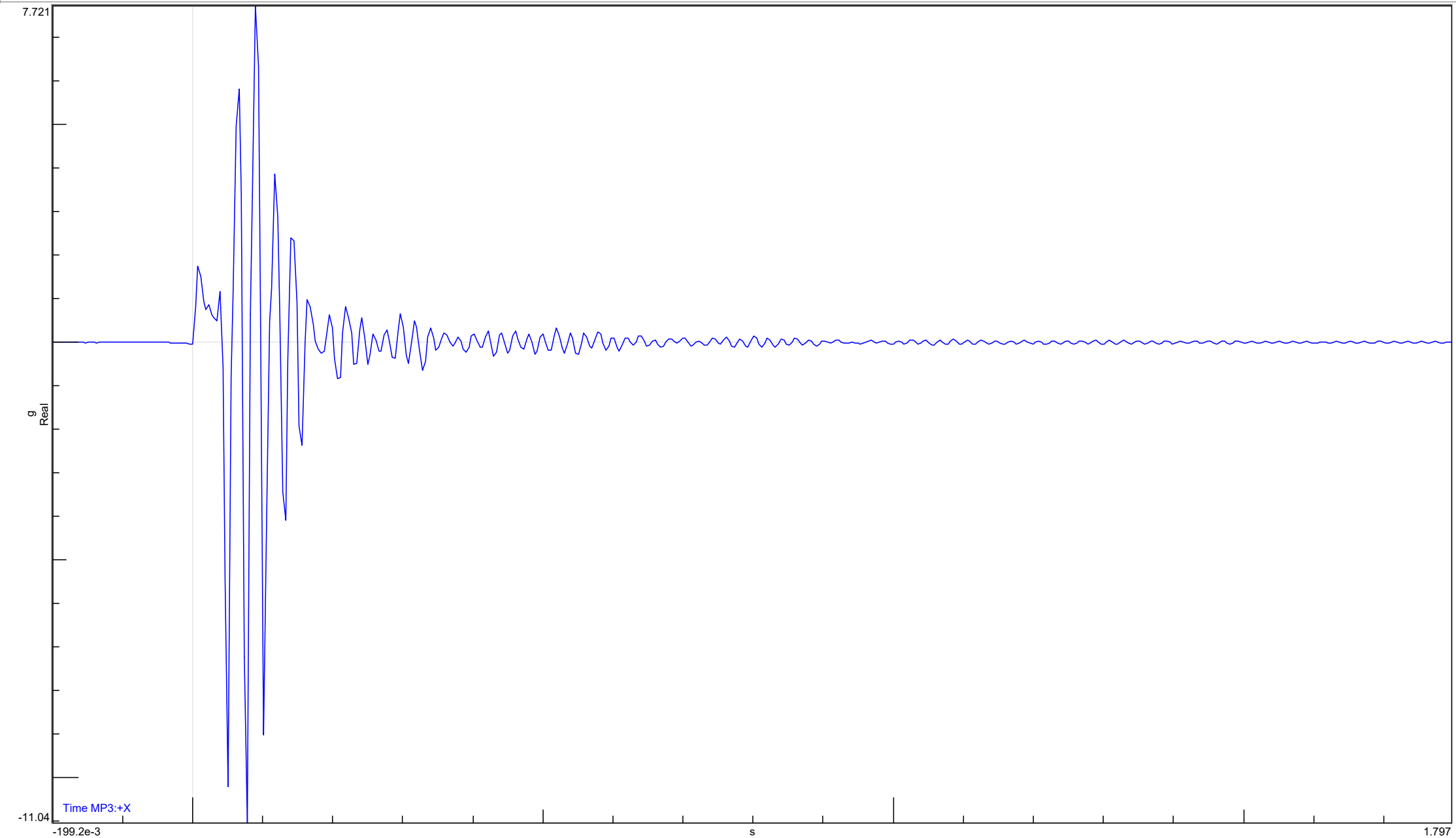


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP3:+X

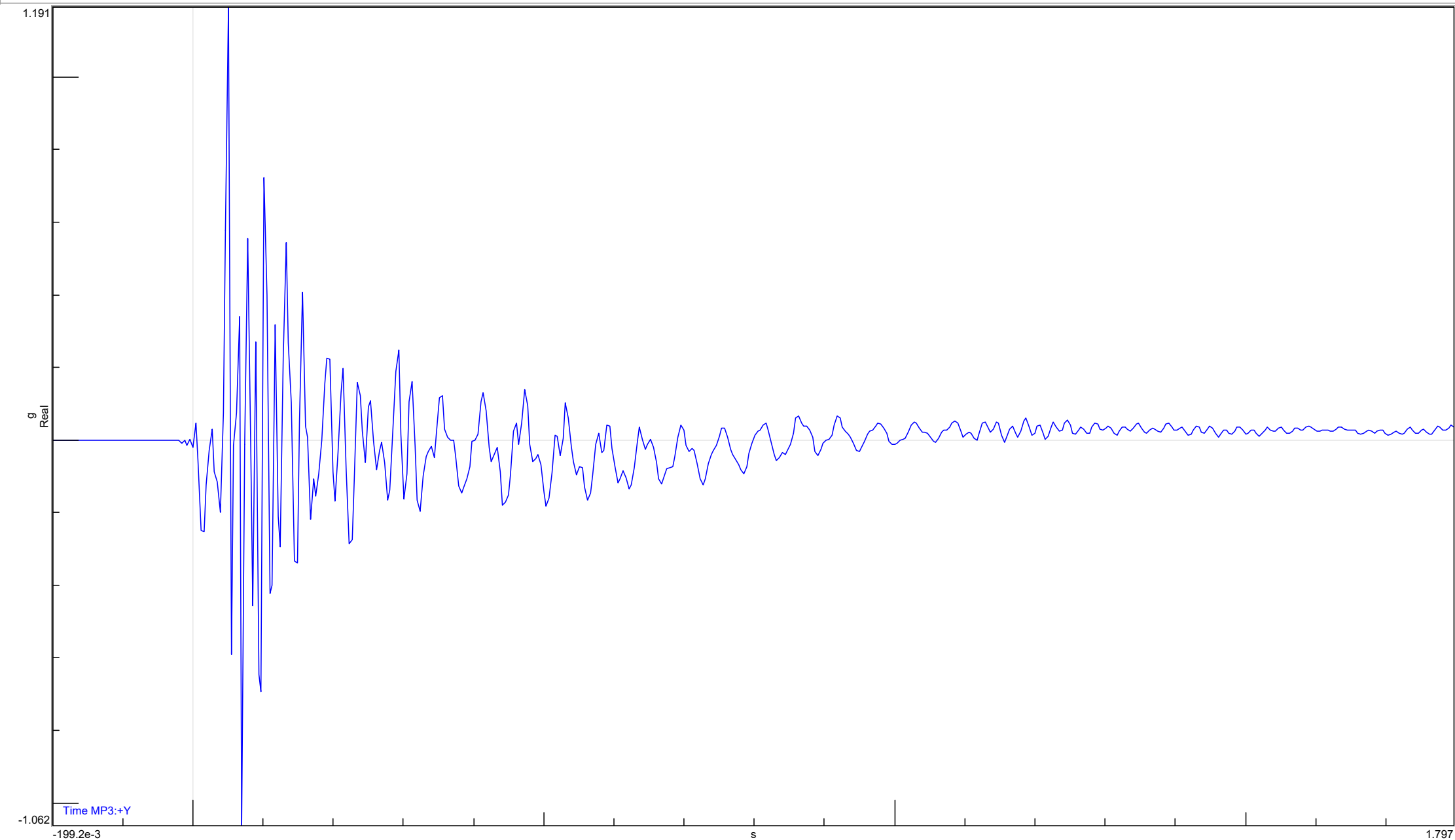


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07

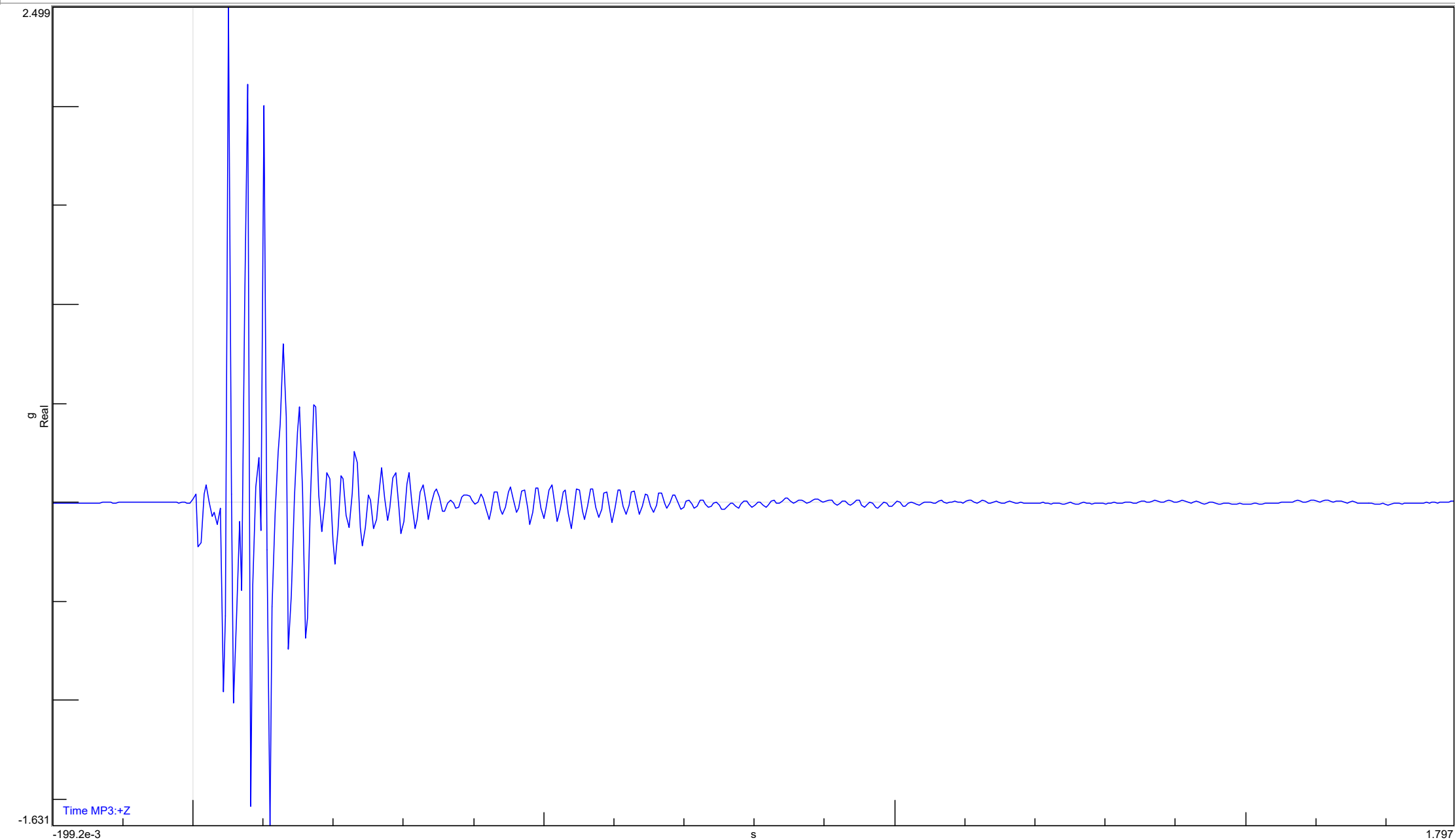


Trace identification : Time MP3:+Y





Trace identification : Time MP3:+Z

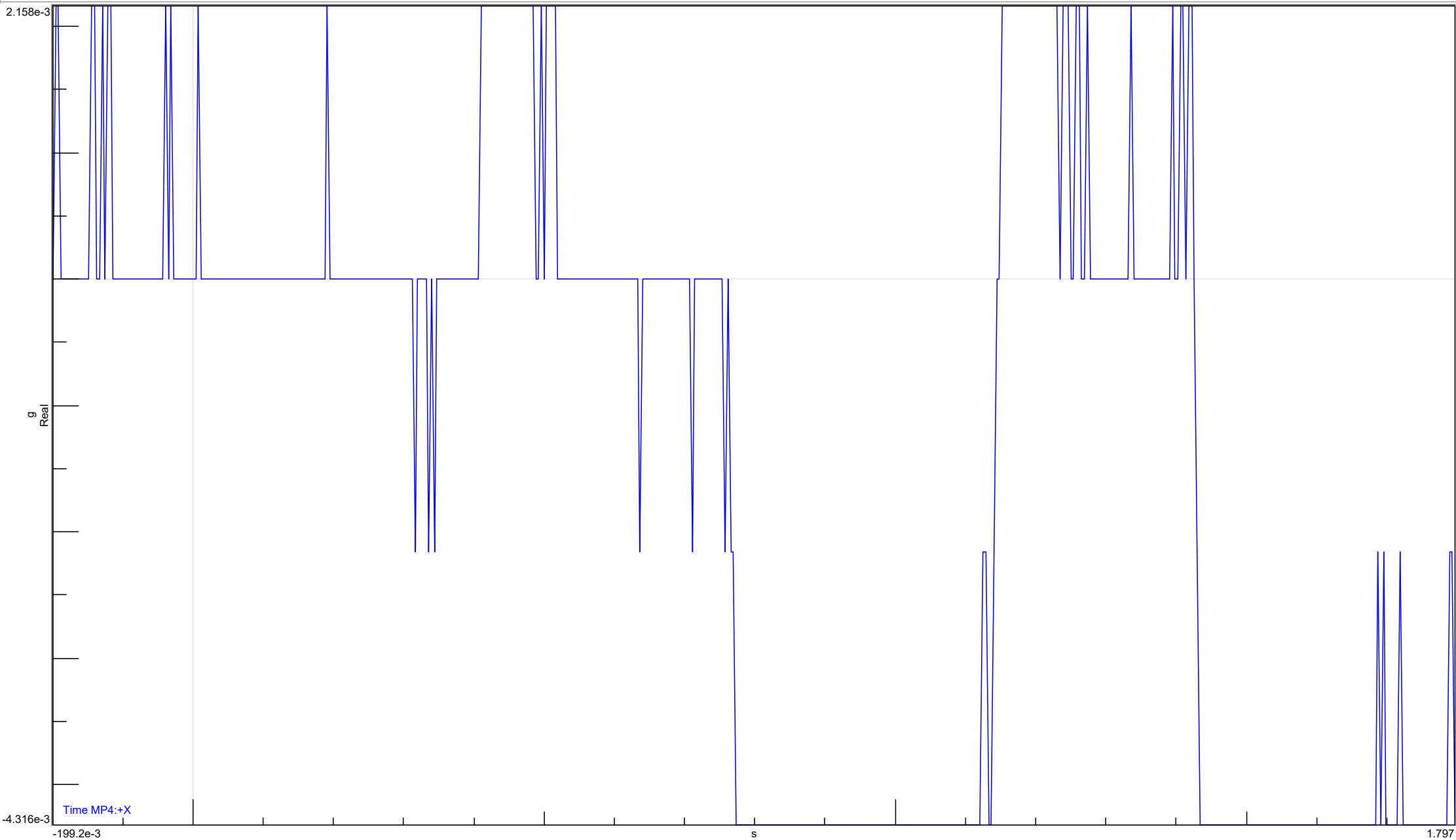


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP4:+X



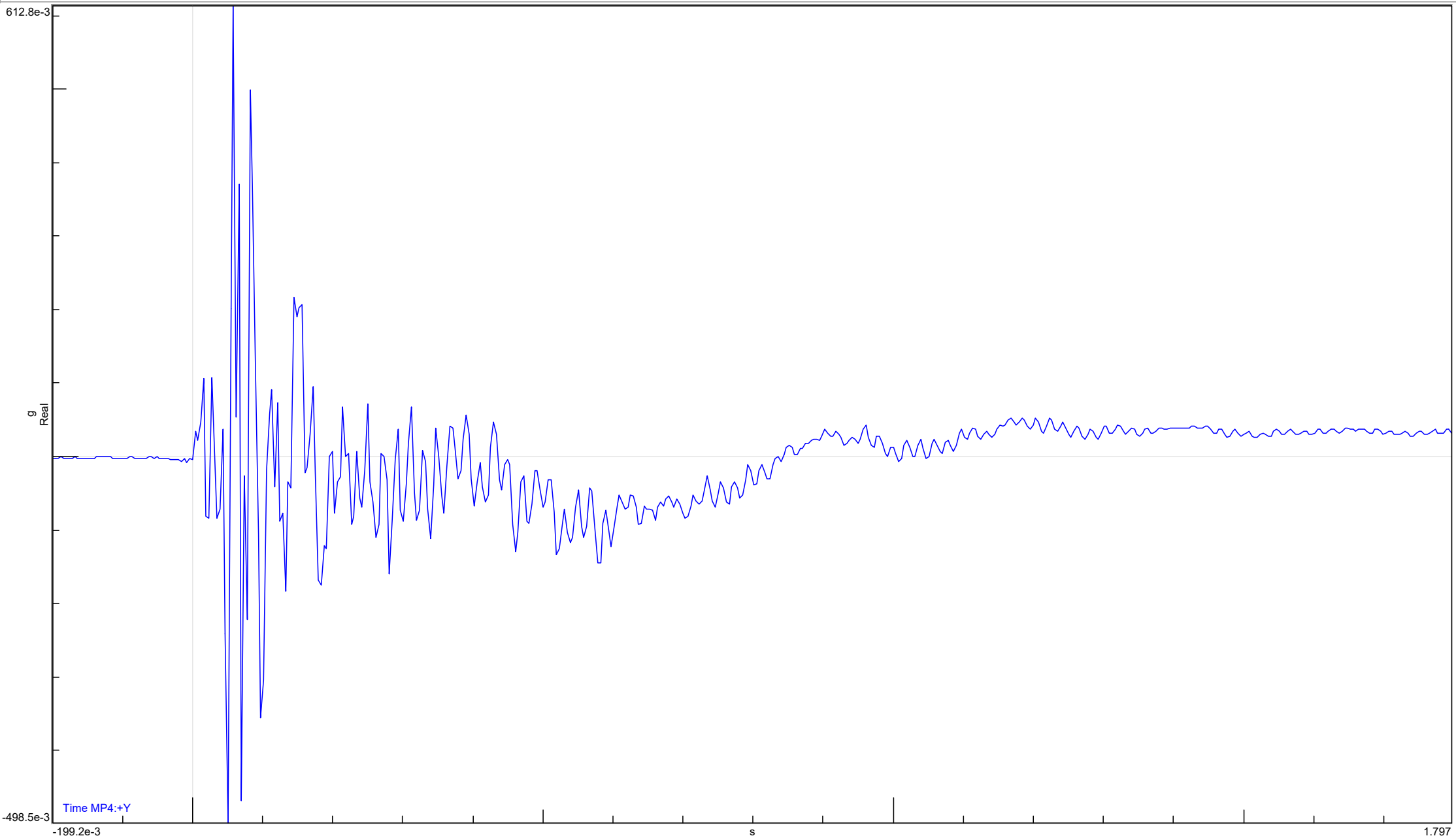
Memo

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP4:+Y

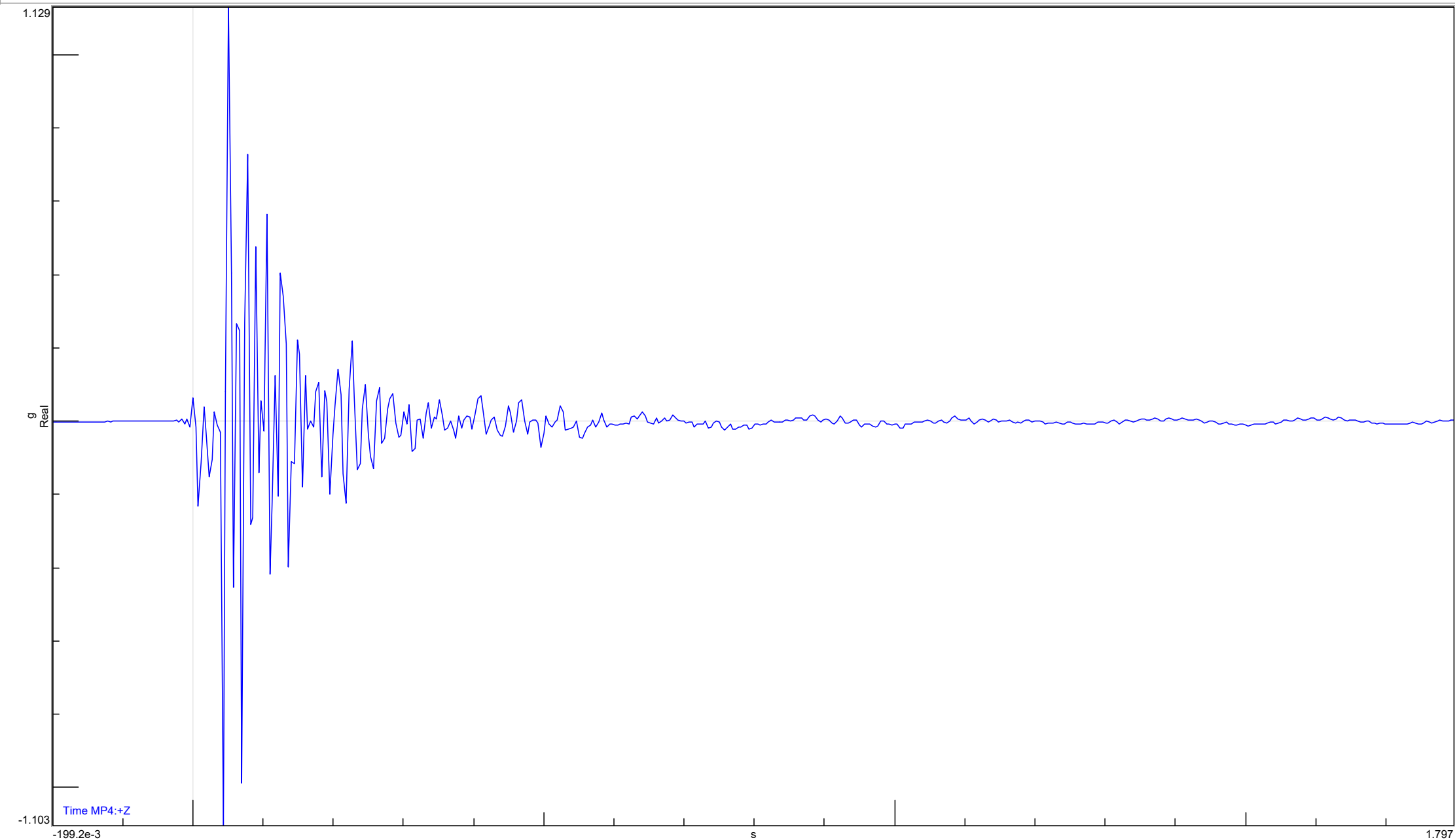


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 1

Date : Thu Sep 16 2021
 Time : 14:53:07



Trace identification : Time MP4:+Z

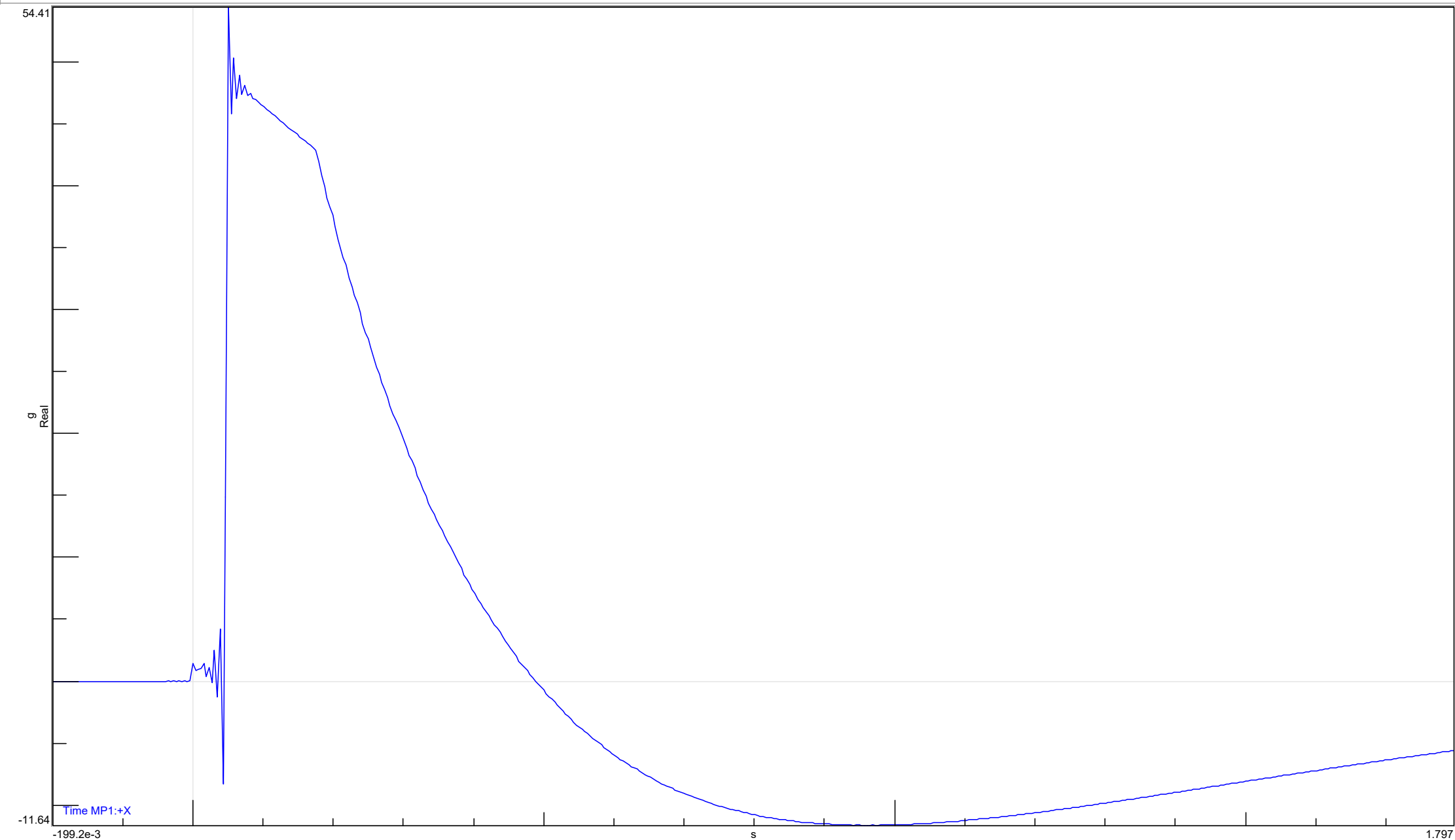


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP1:+X

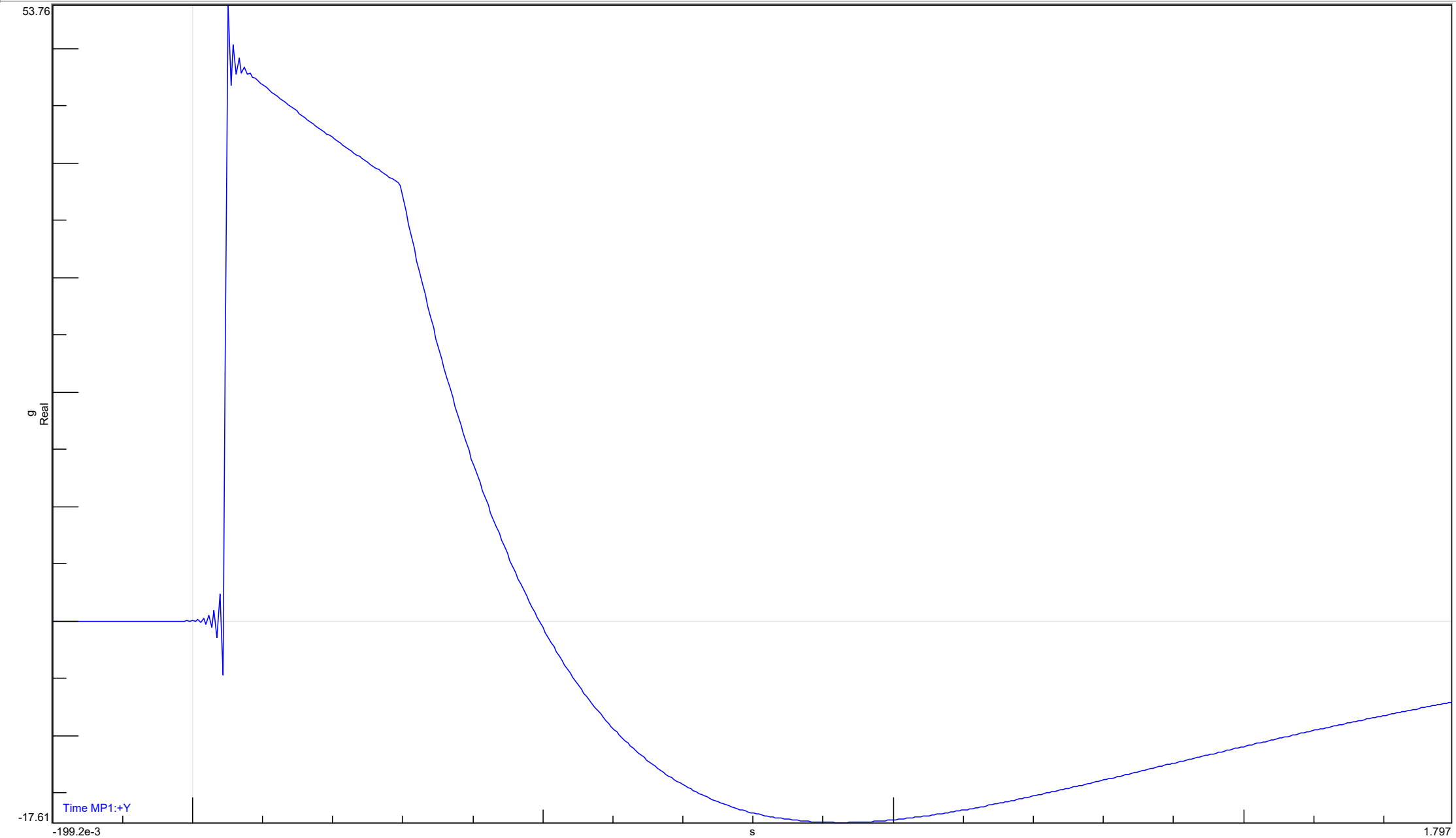


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39

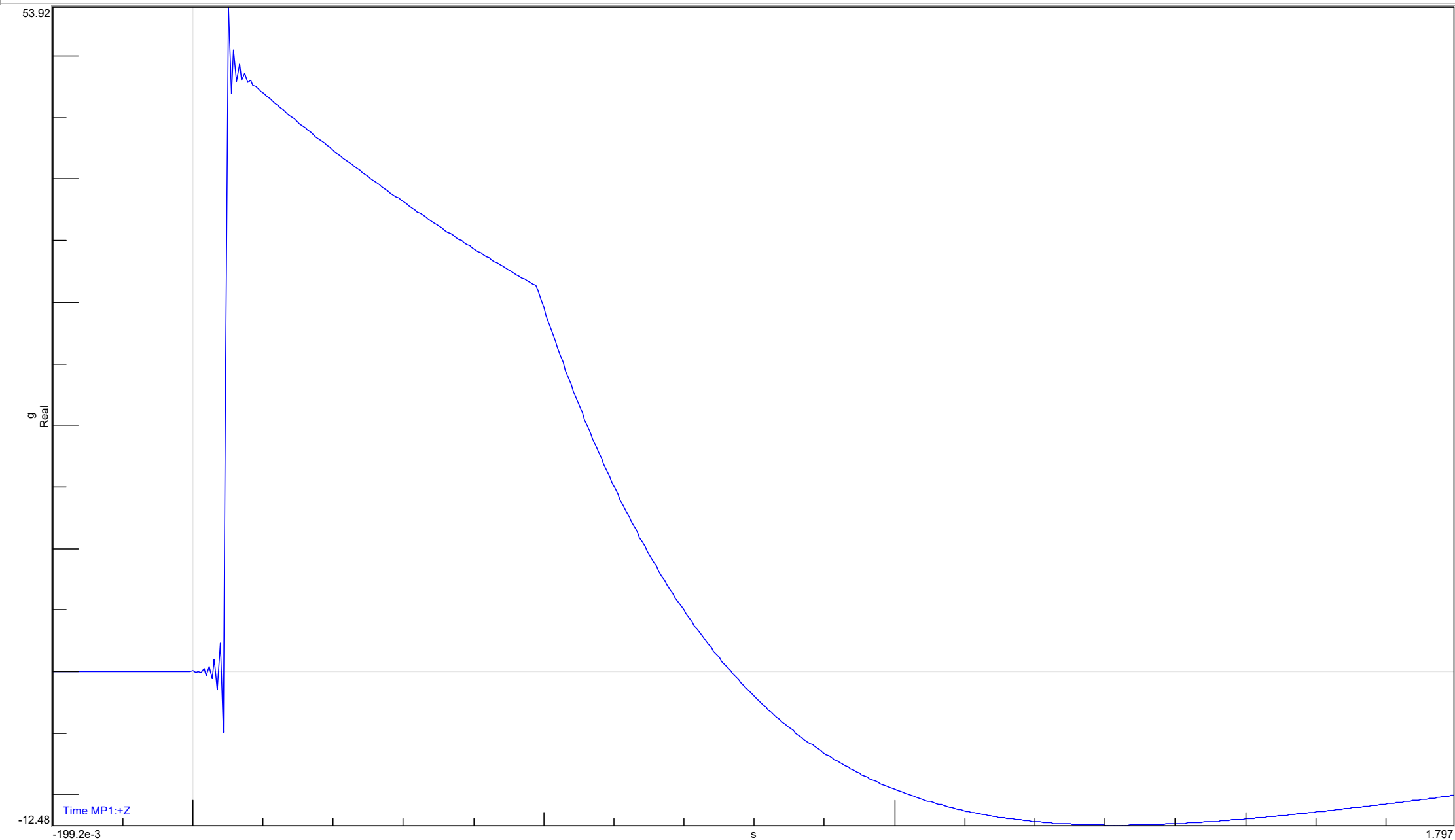


Trace identification : Time MP1:+Y





Trace identification : Time MP1:+Z

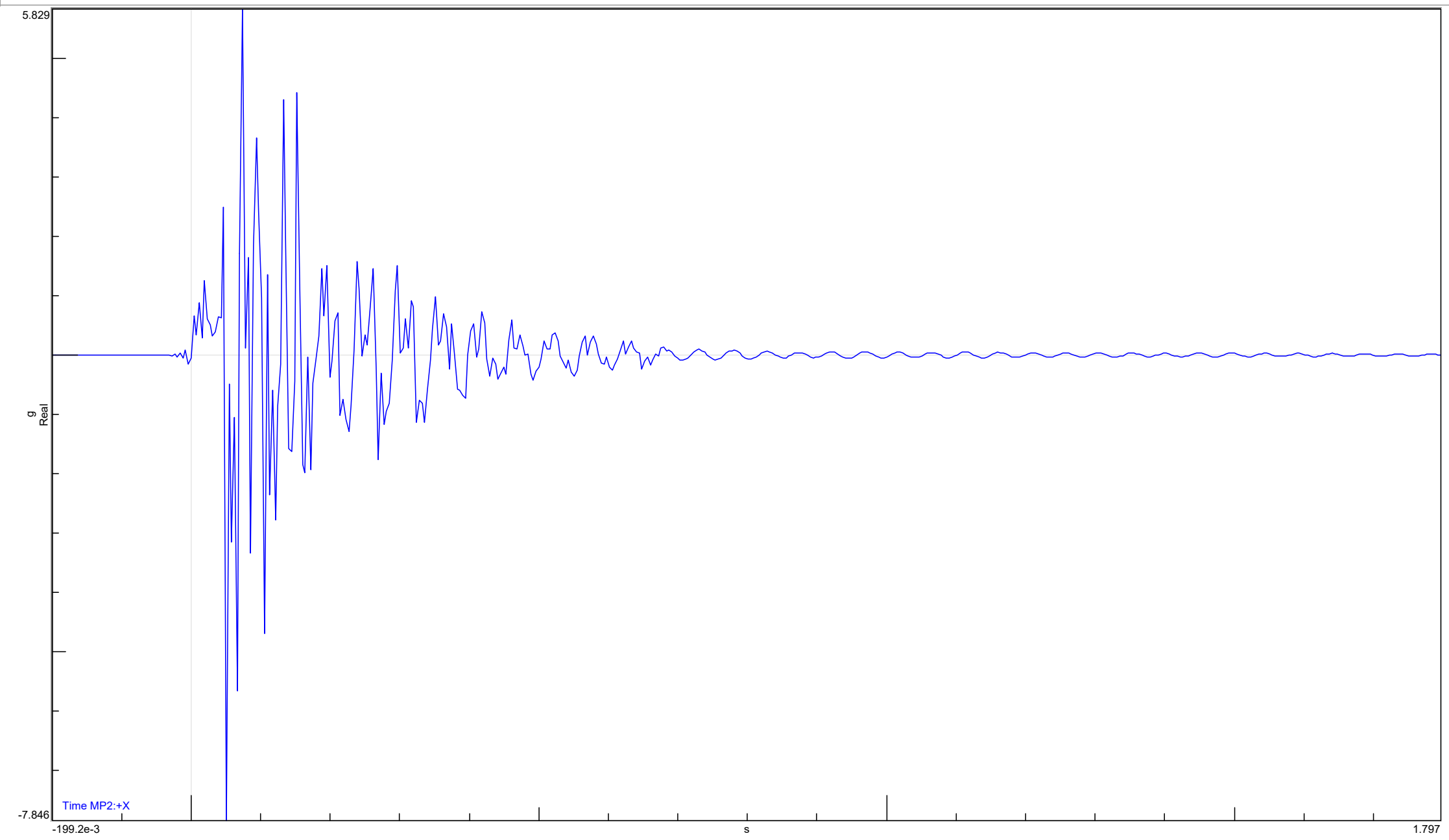


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP2:+X



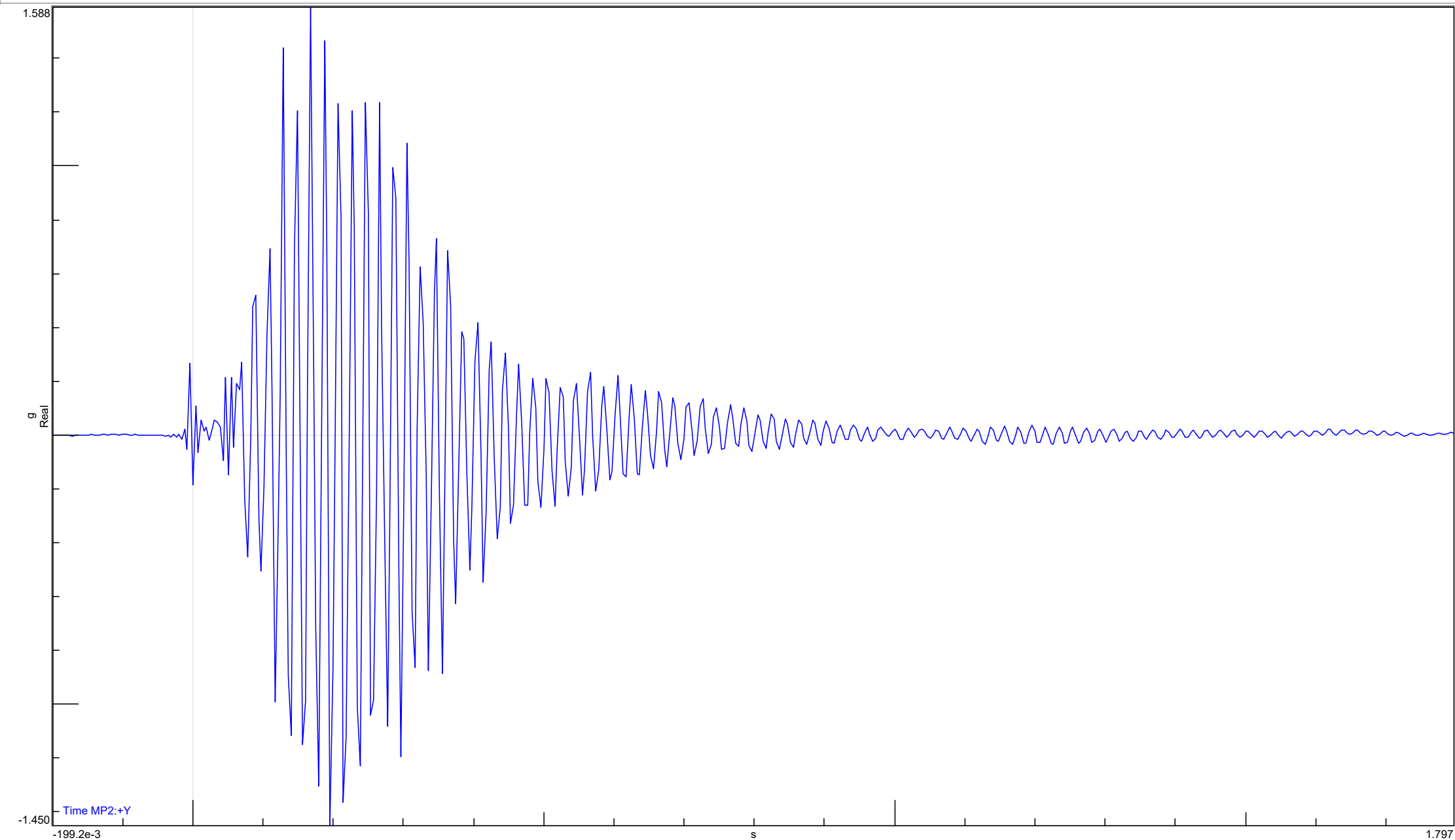
Memo

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP2:+Y

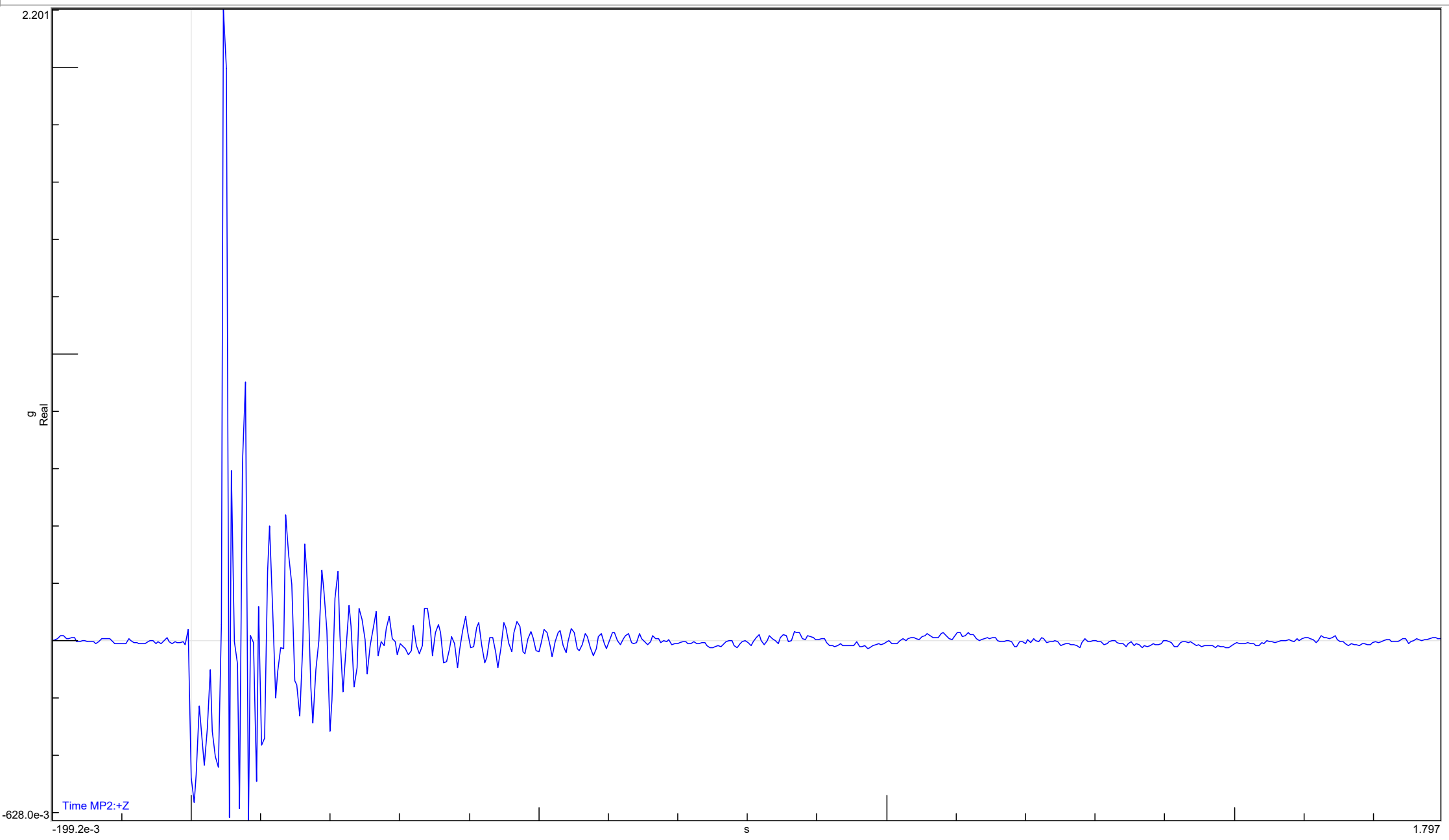


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP2:+Z



Memo

Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

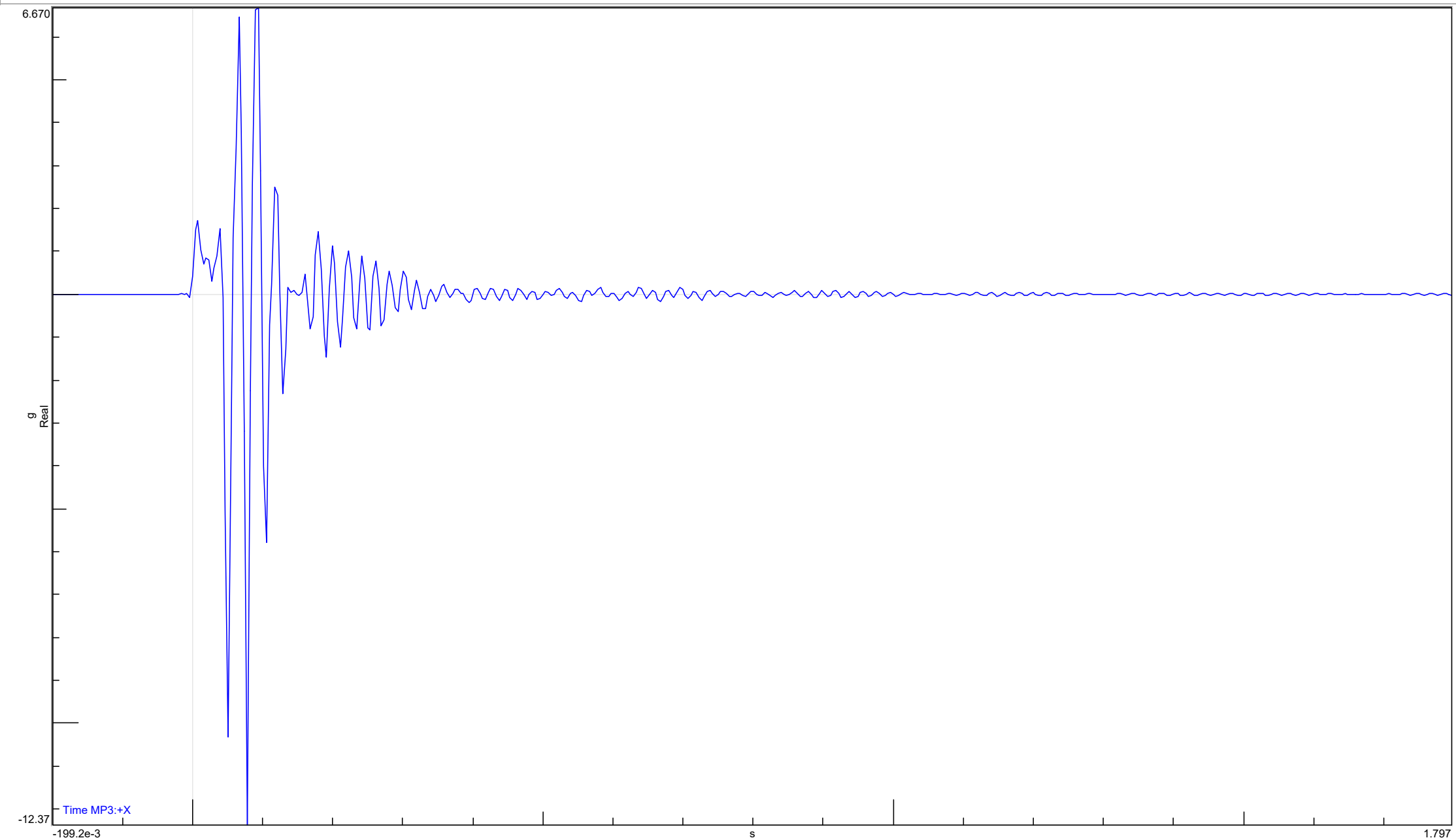
Section : Gancio - Asse X Radiale (Gancio)

Time : 15:08:39

Run : 1cm - Ottone 2

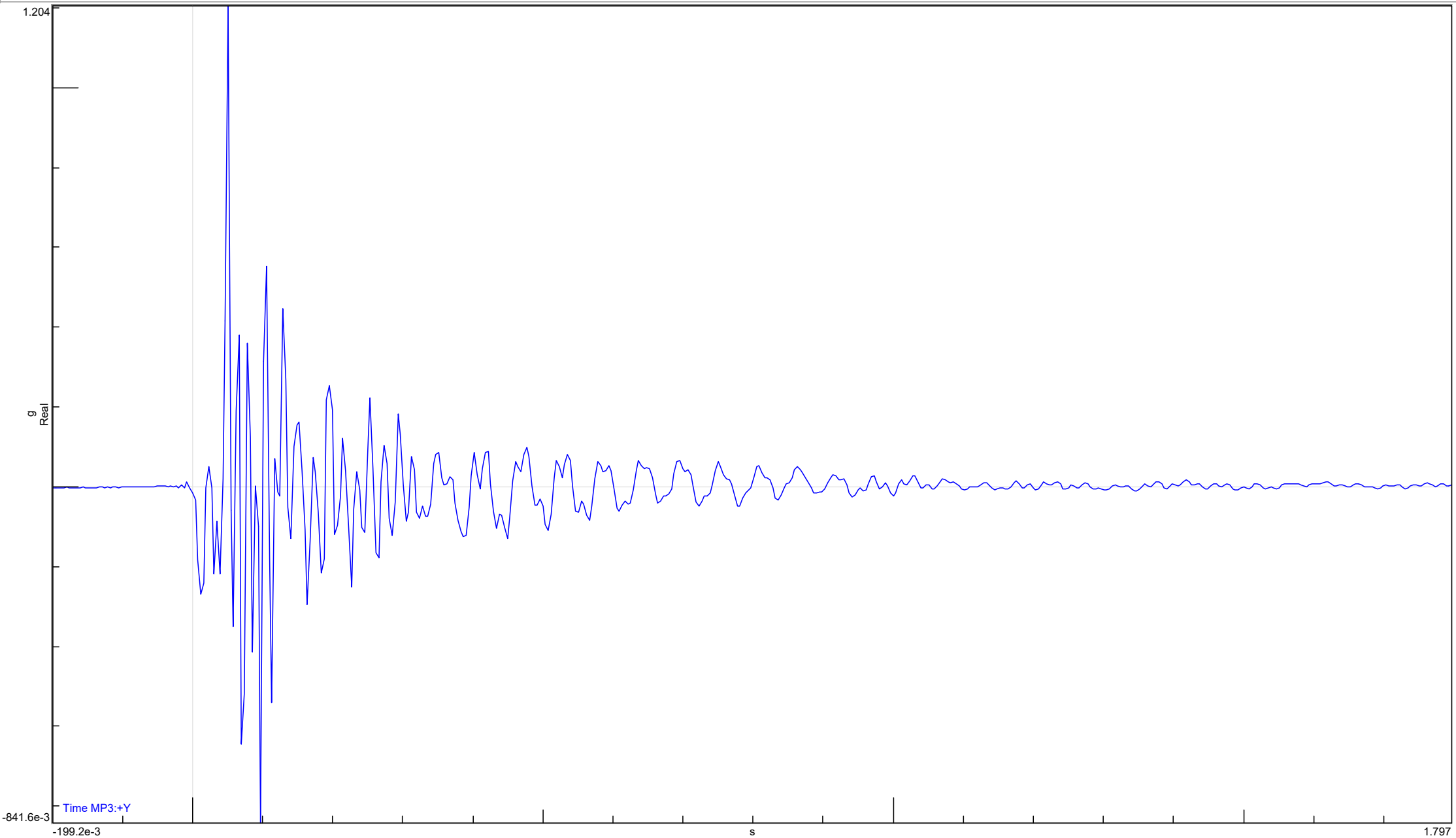


Trace identification : Time MP3:+X





Trace identification : Time MP3:+Y

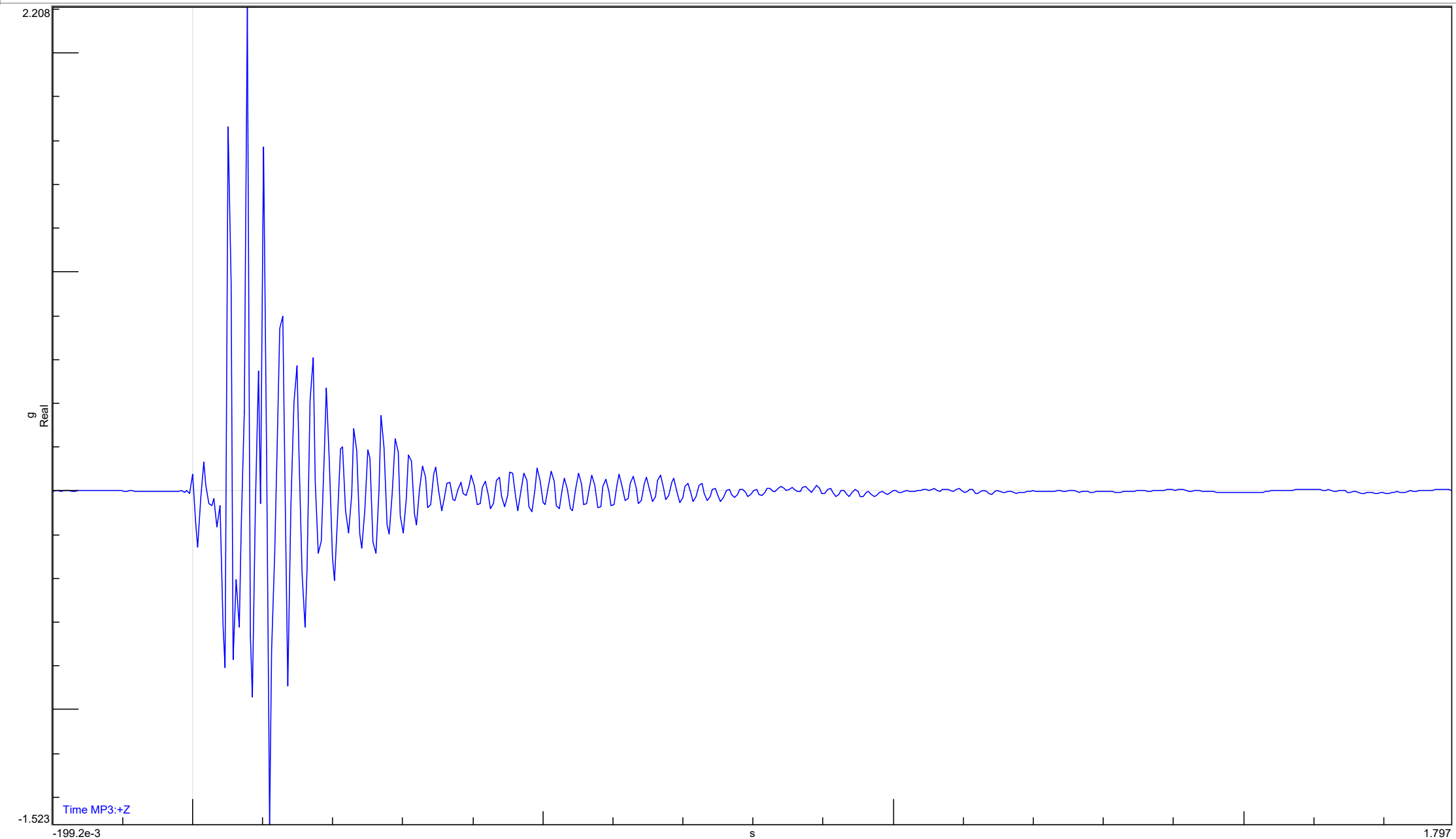


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP3:+Z

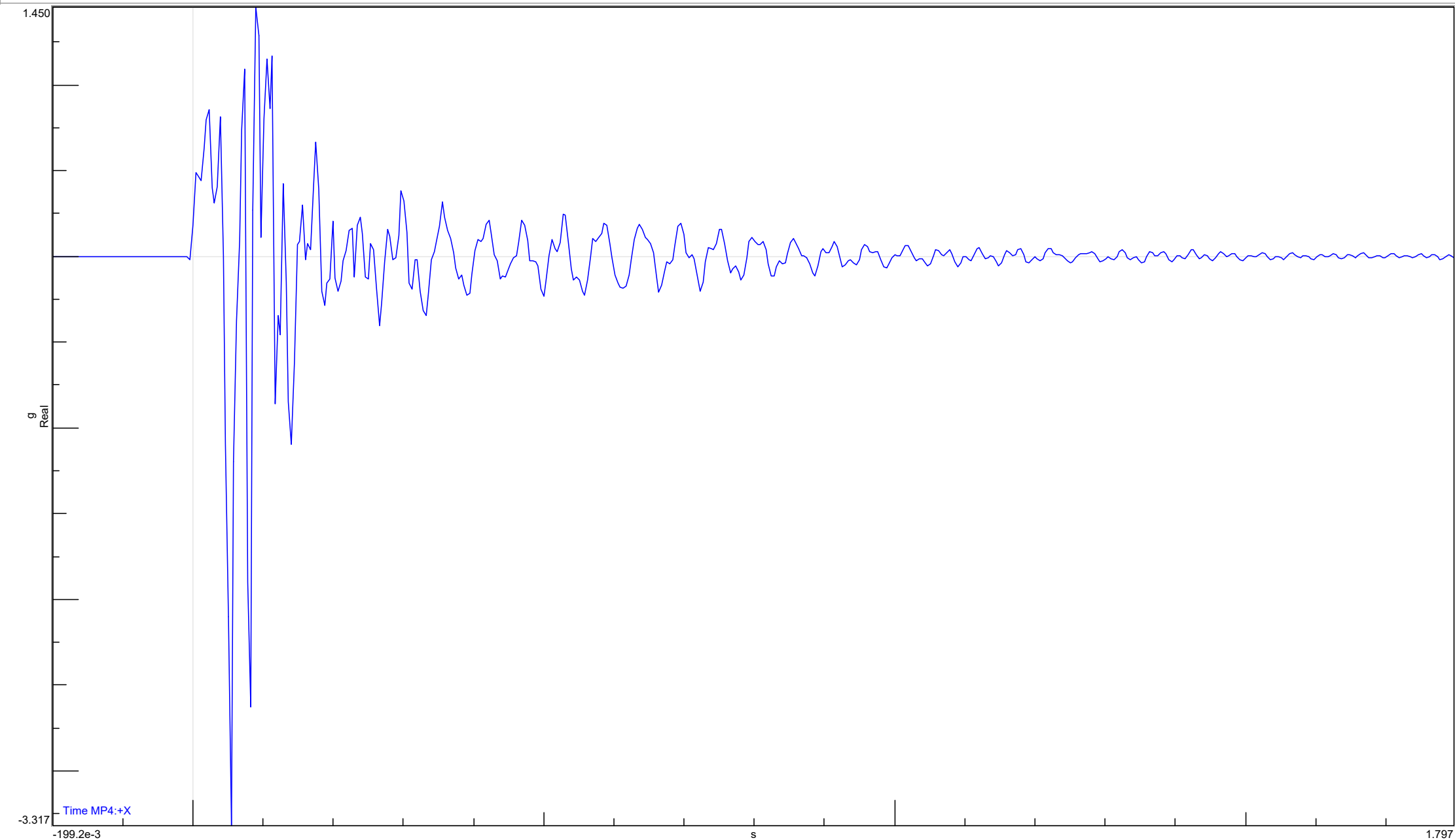


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39

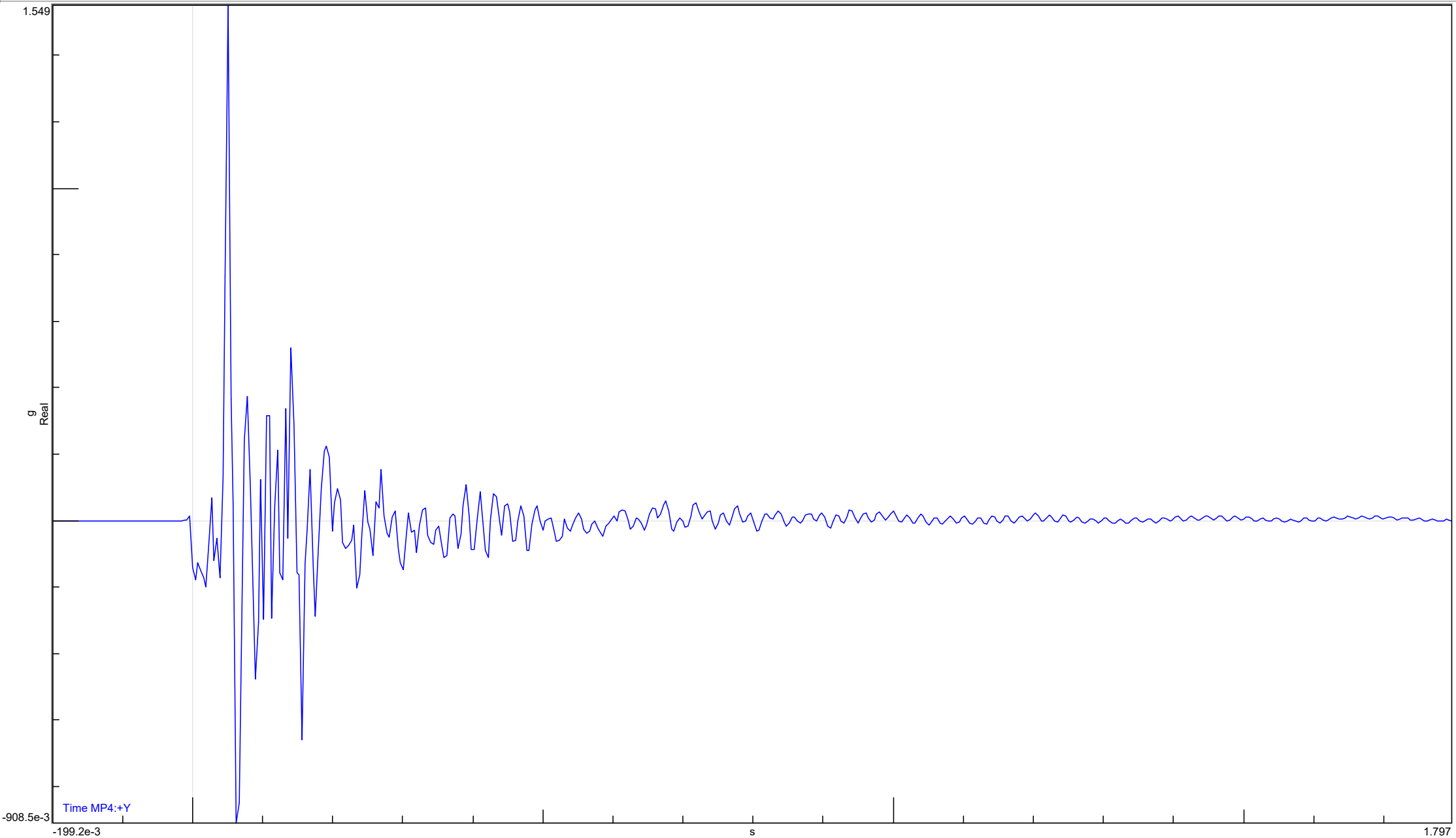


Trace identification : Time MP4:+X





Trace identification : Time MP4:+Y

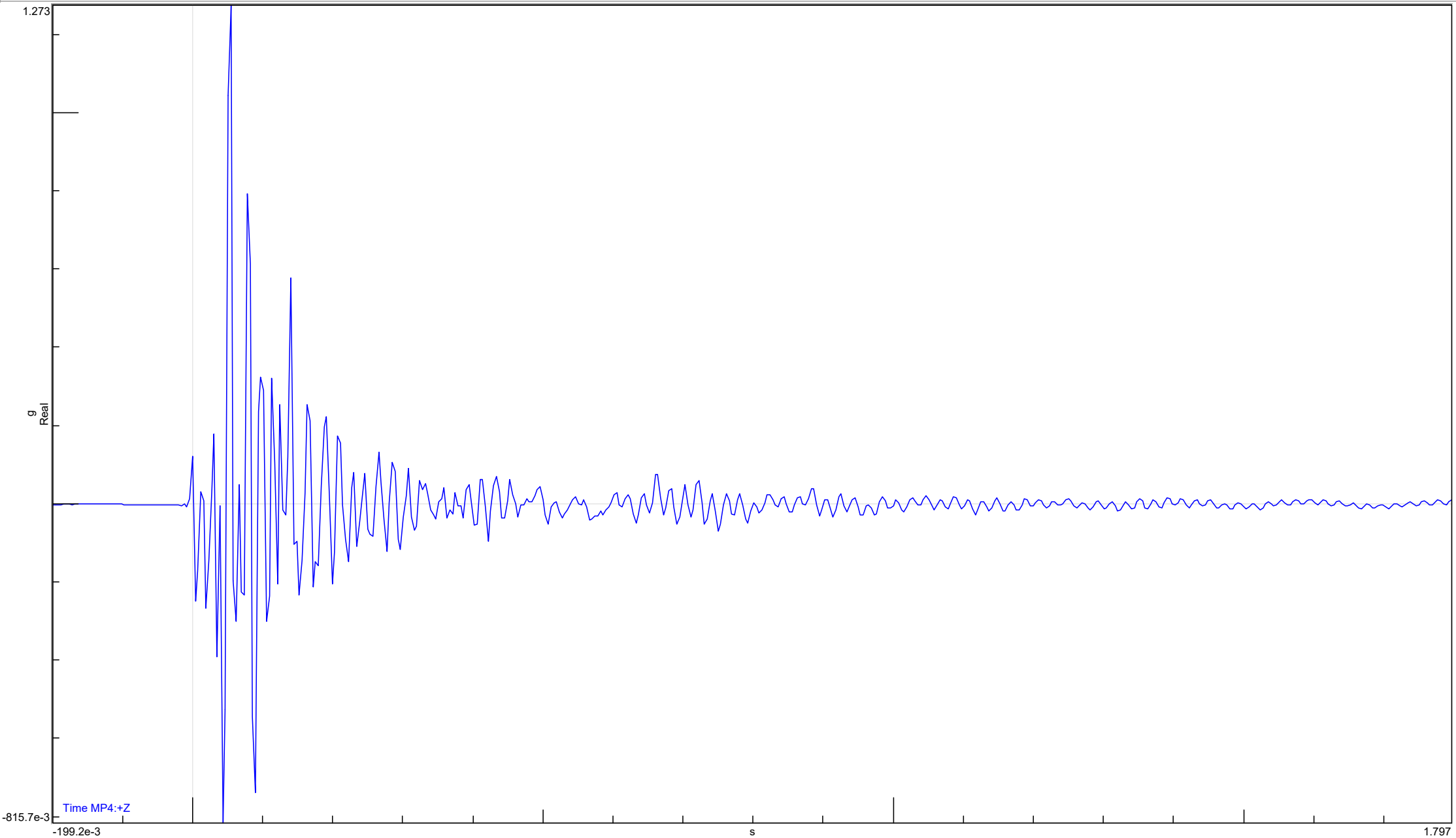


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1cm - Ottone 2

Date : Thu Sep 16 2021
 Time : 15:08:39



Trace identification : Time MP4:+Z

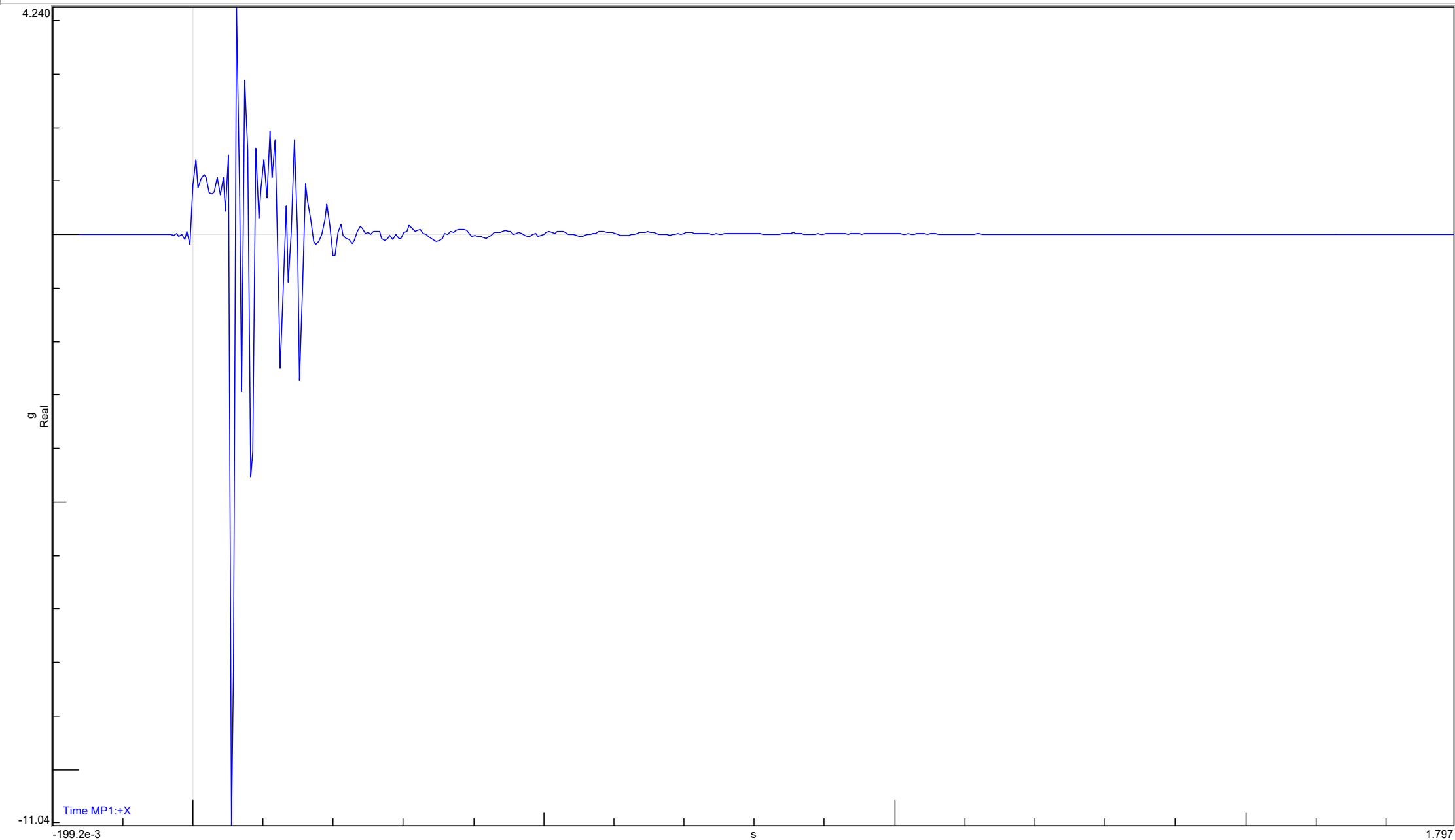


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP1:+X

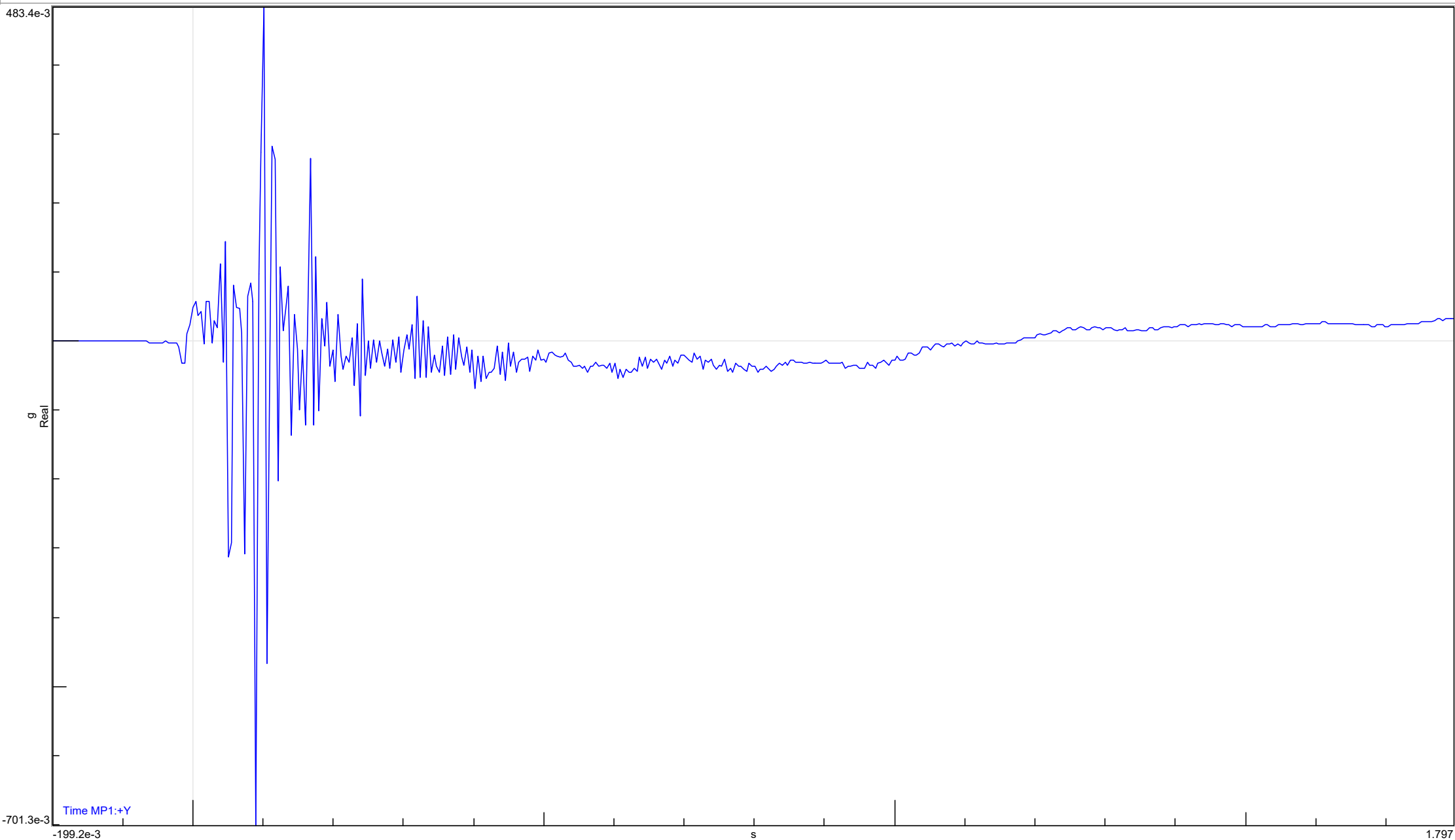


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP1:+Y

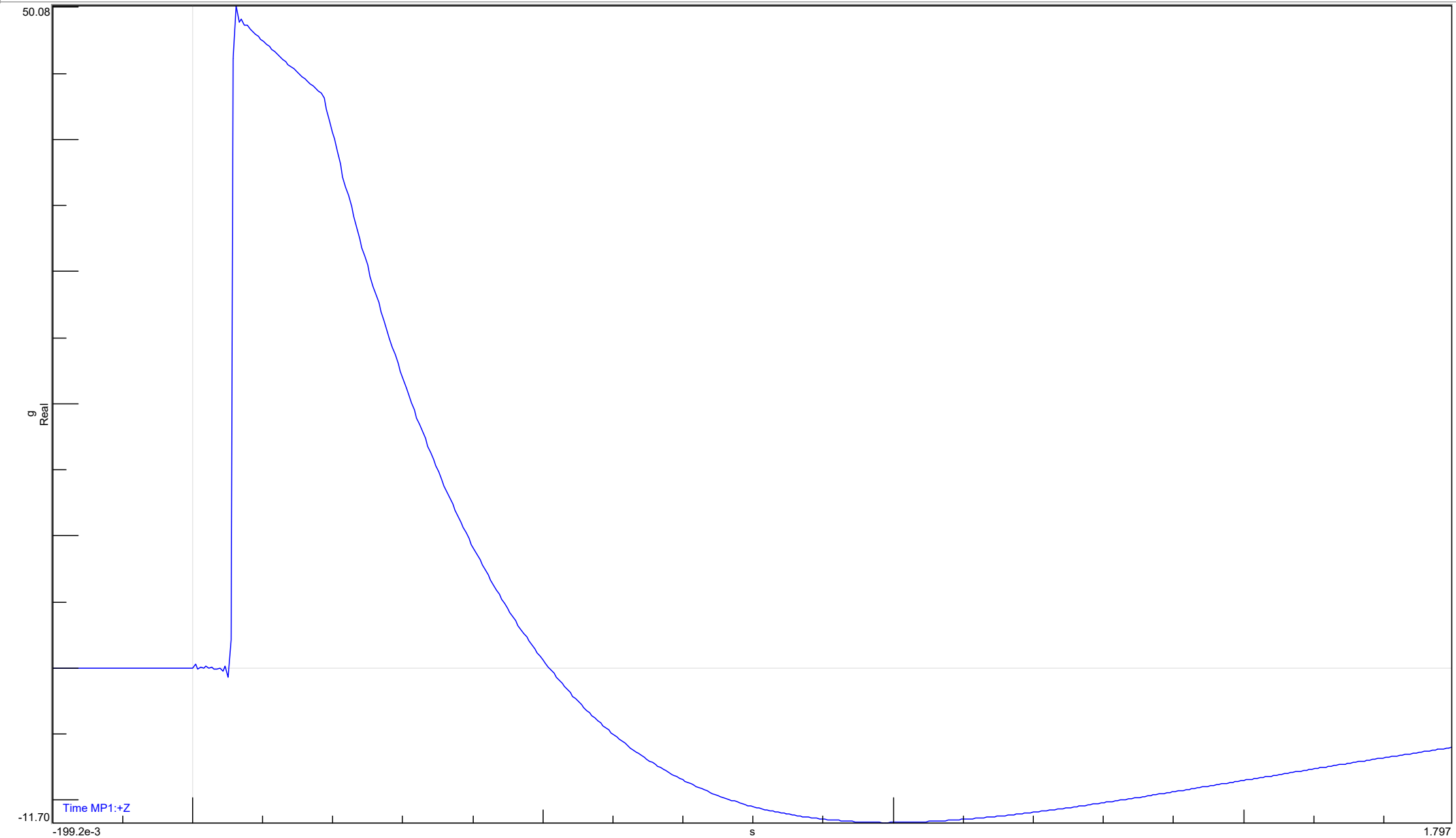


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP1:+Z

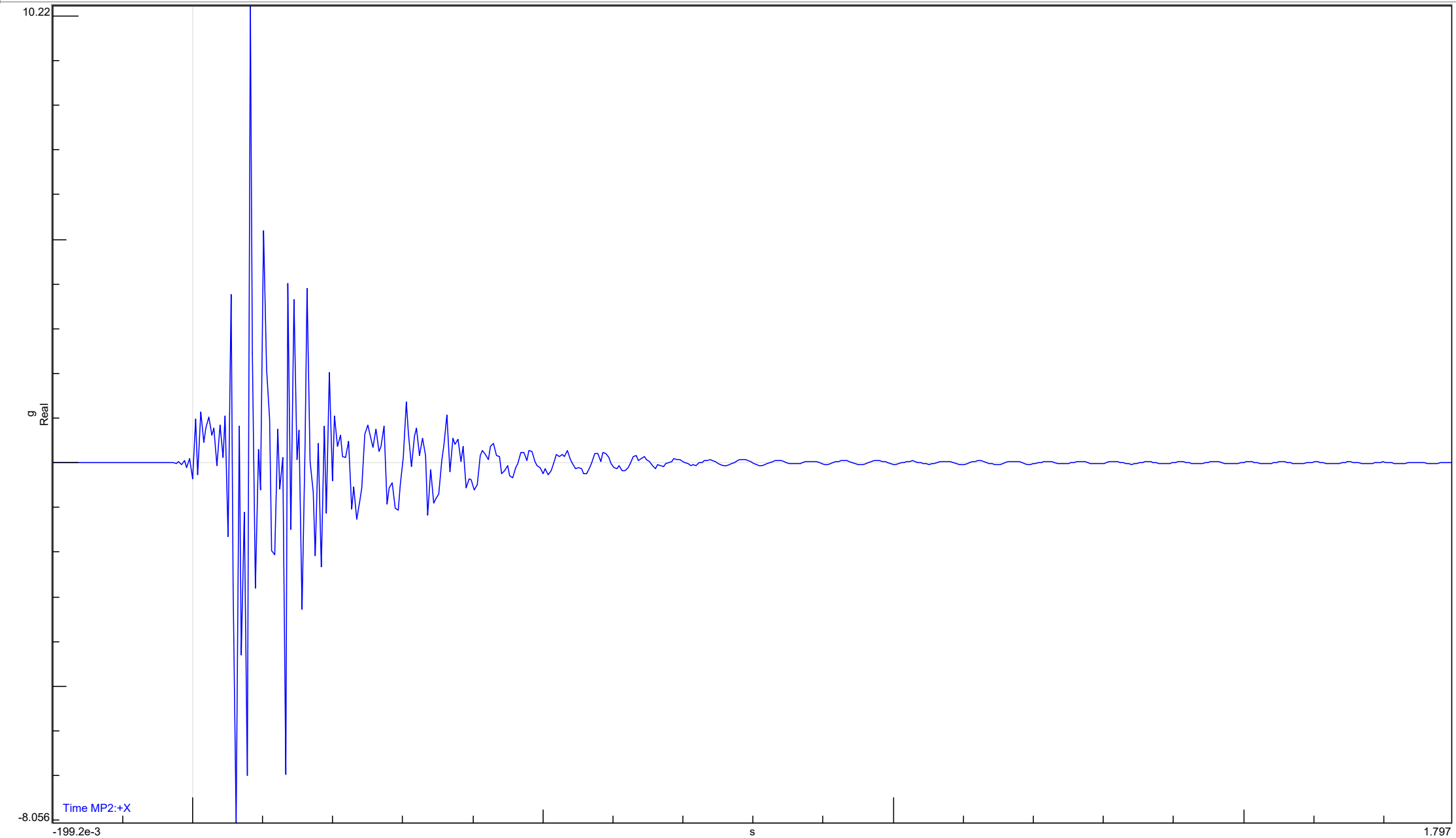


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP2:+X

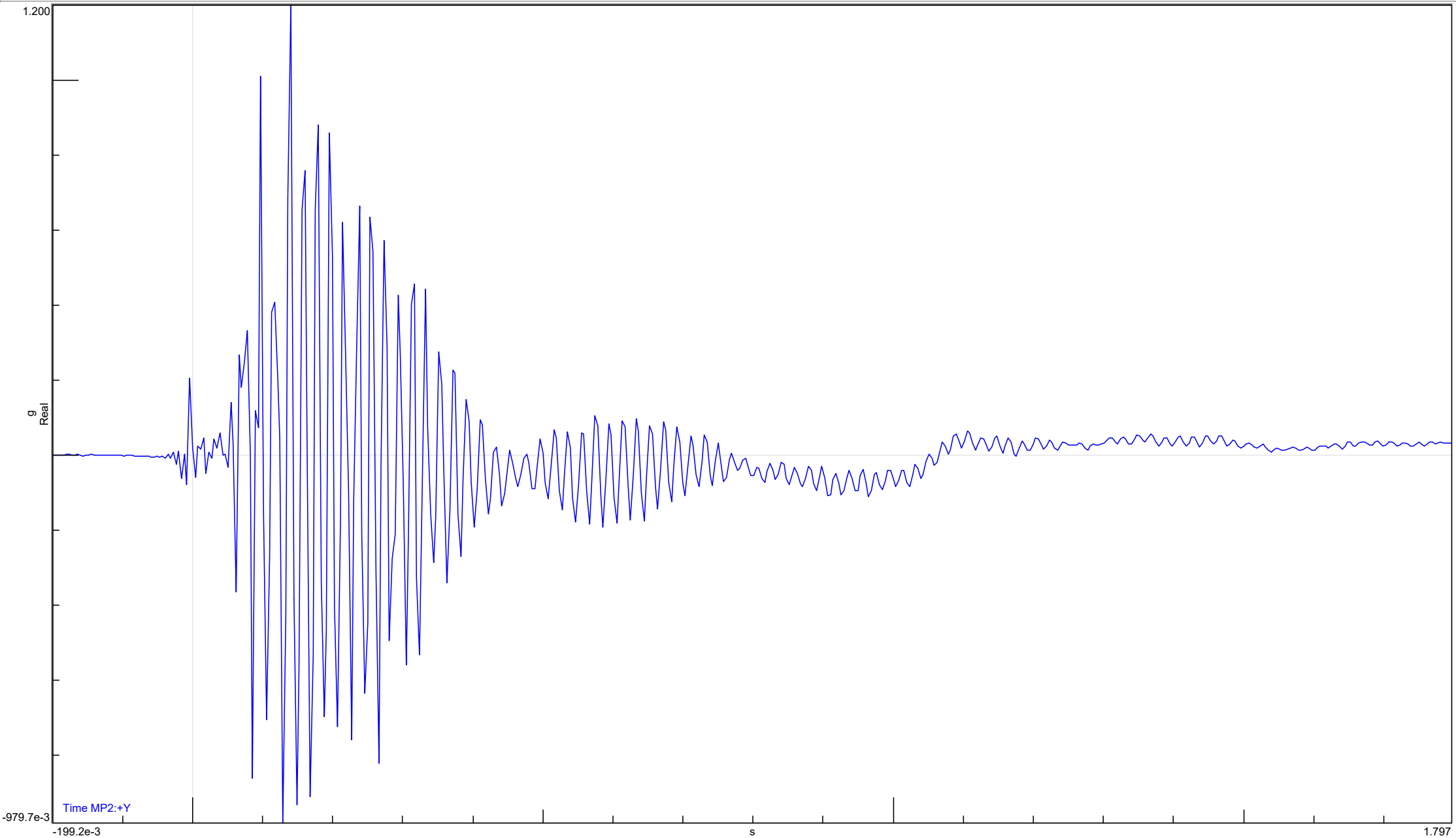


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP2:+Y

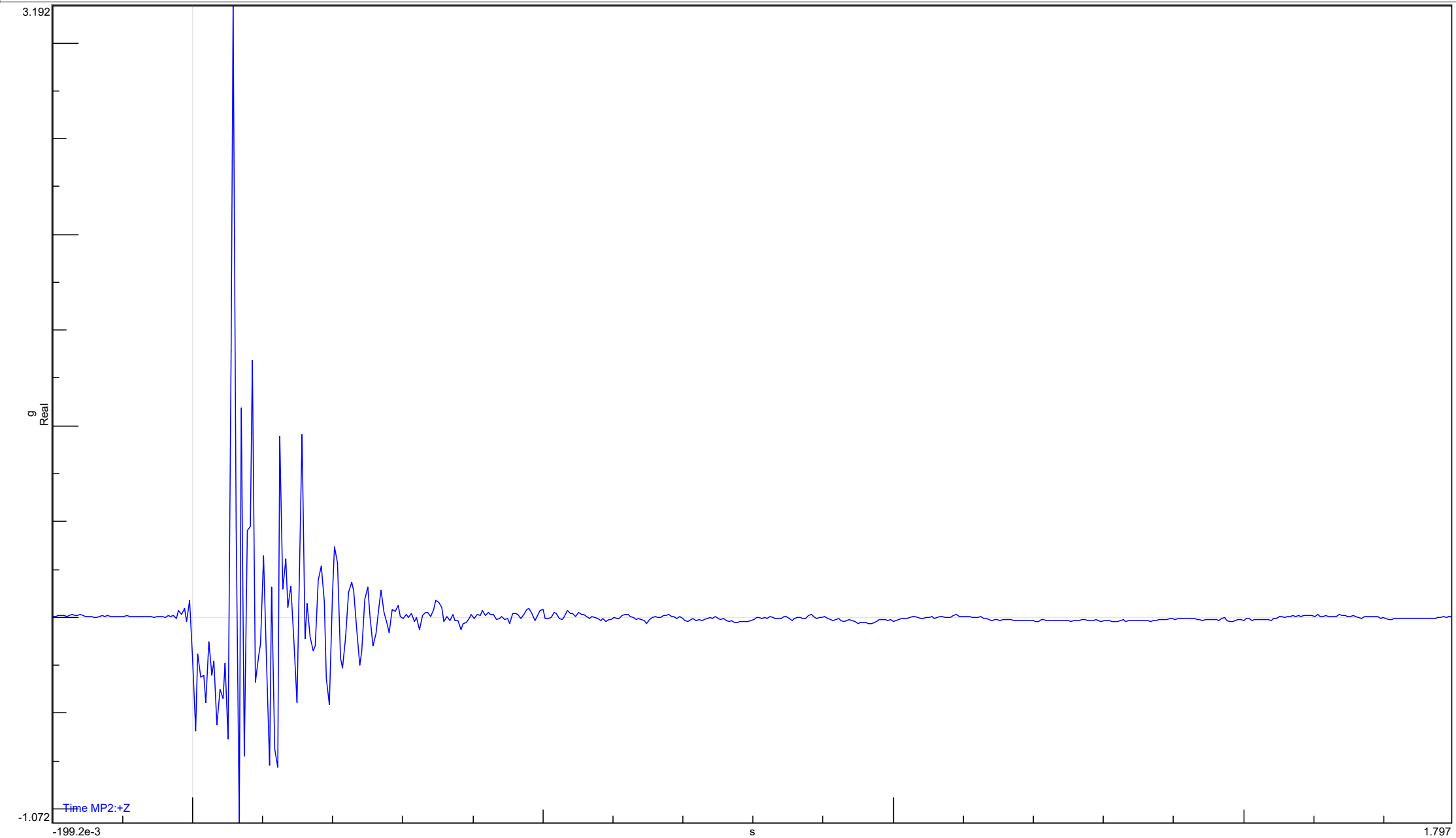


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP2:+Z

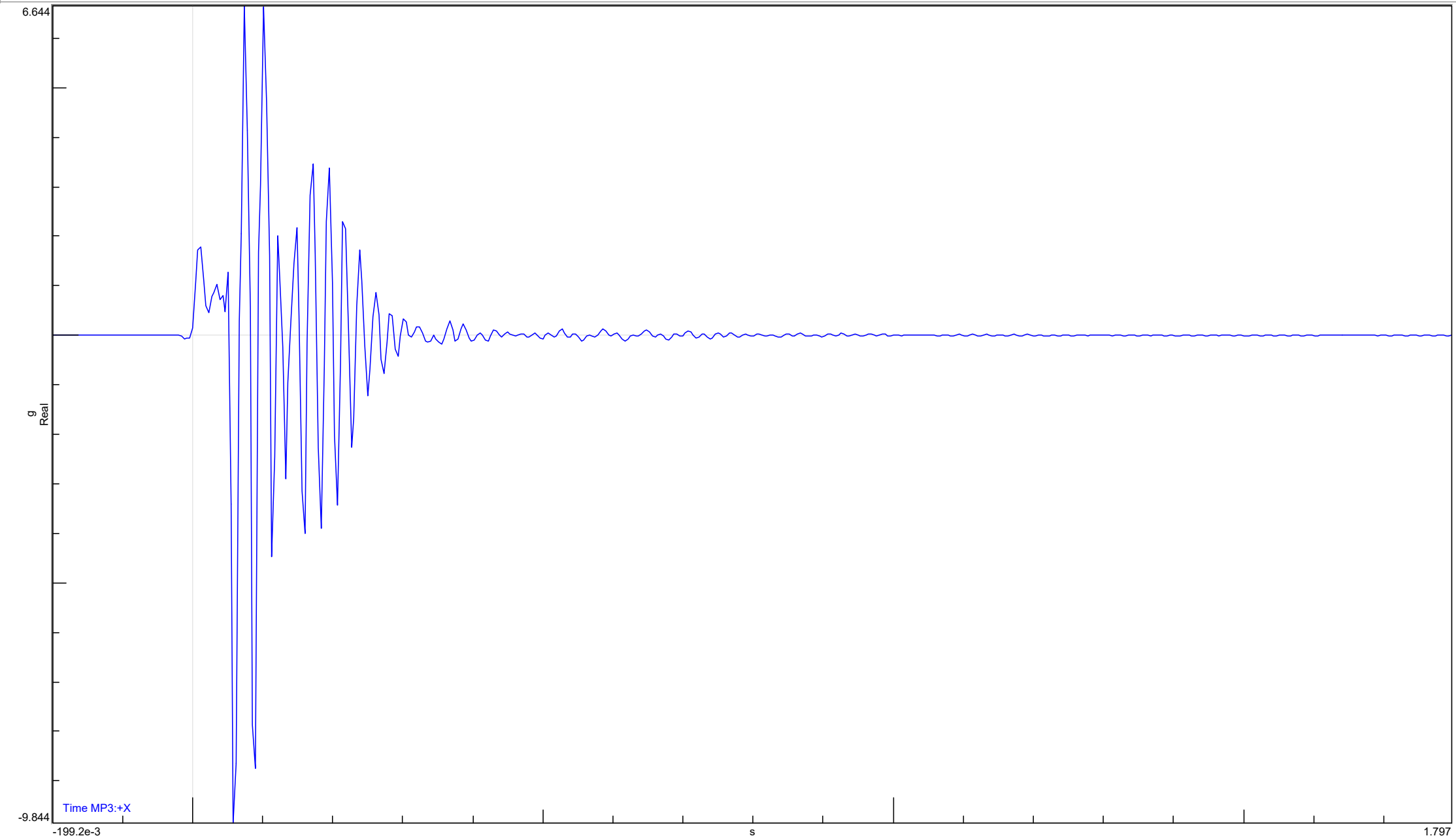


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:28



Trace identification : Time MP3:+X

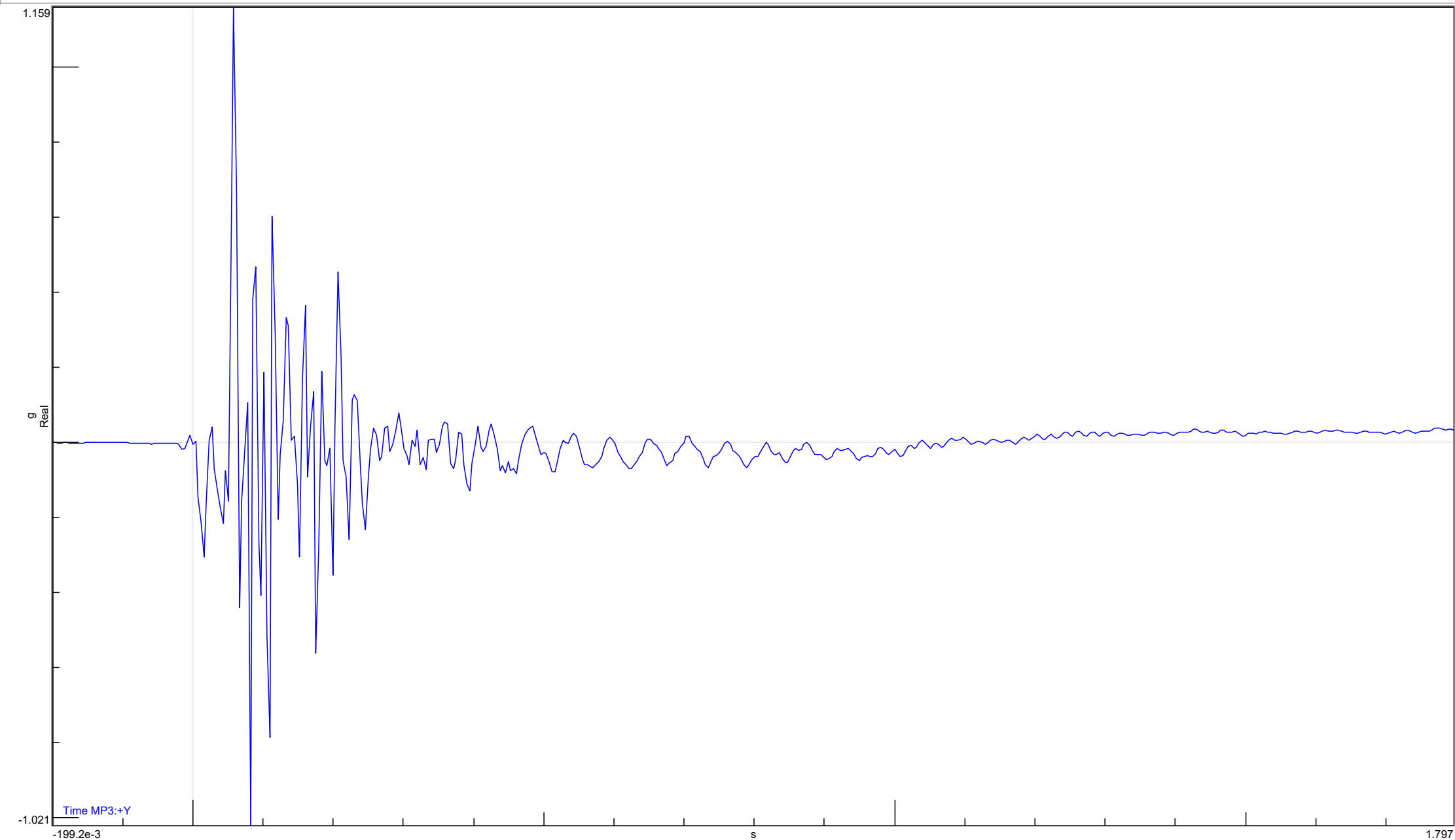


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:29



Trace identification : Time MP3:+Y

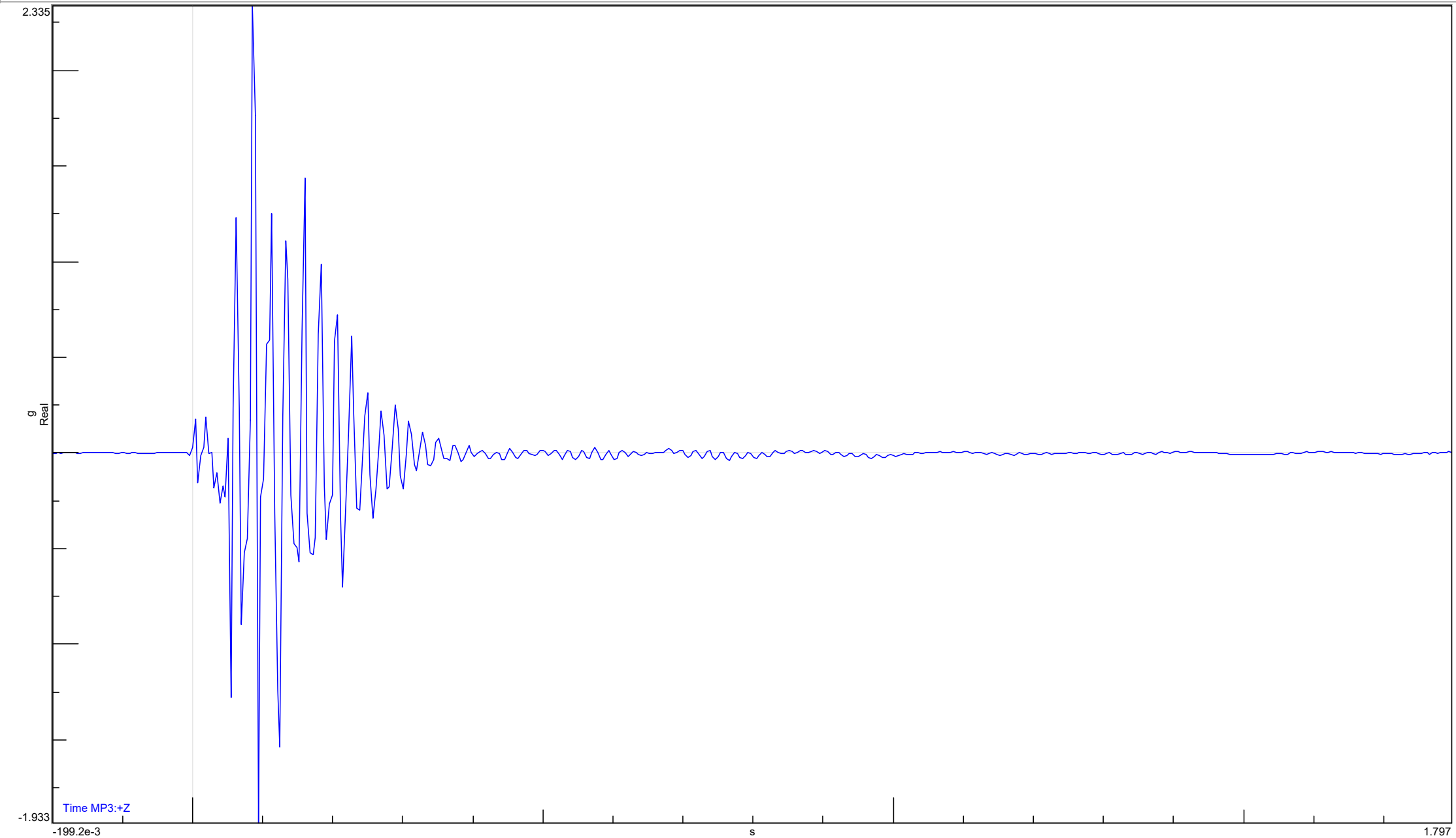


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:29



Trace identification : Time MP3:+Z

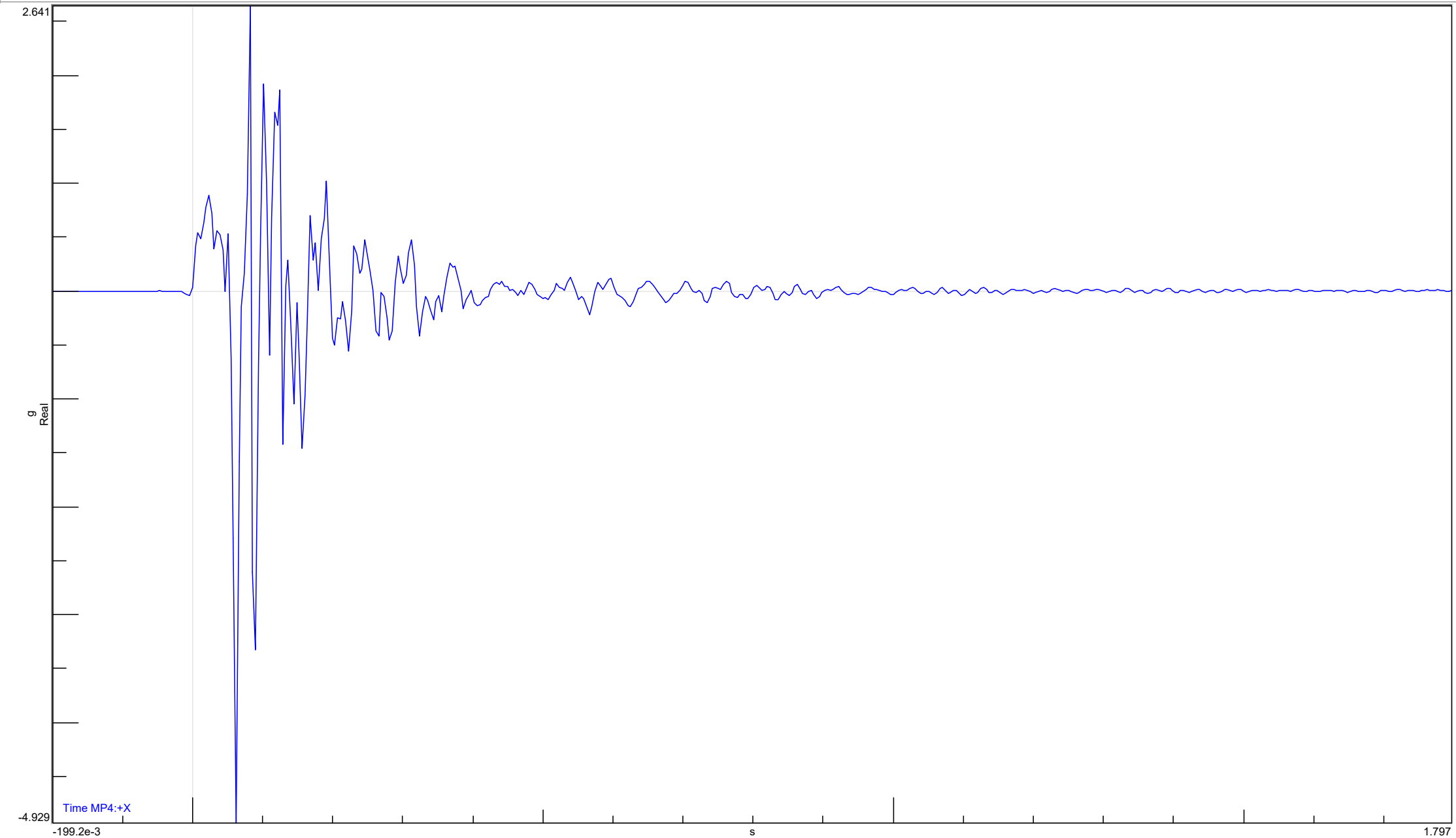


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:29



Trace identification : Time MP4:+X

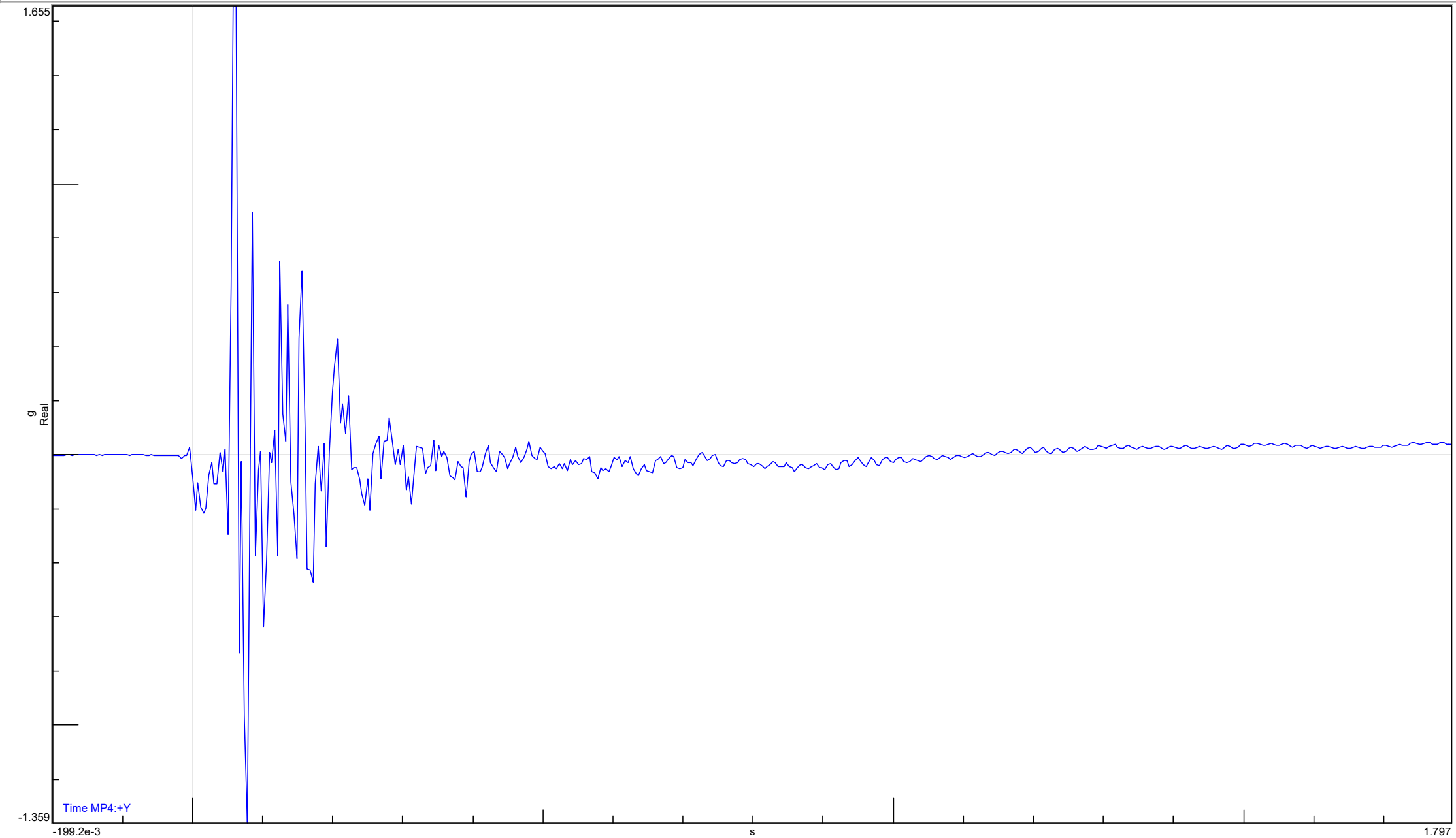


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 1,5cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:13:29

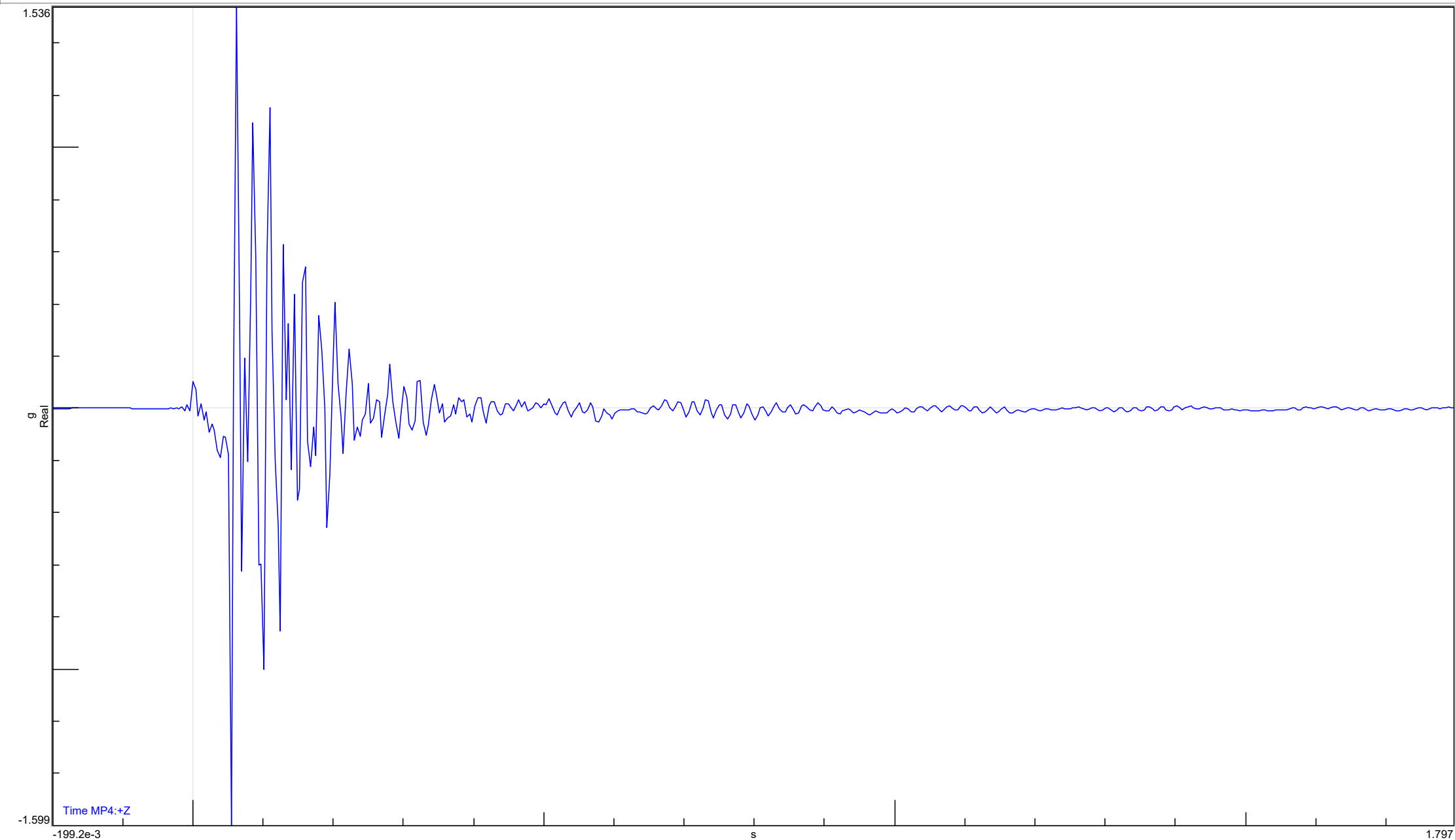


Trace identification : Time MP4:+Y





Trace identification : Time MP4:+Z

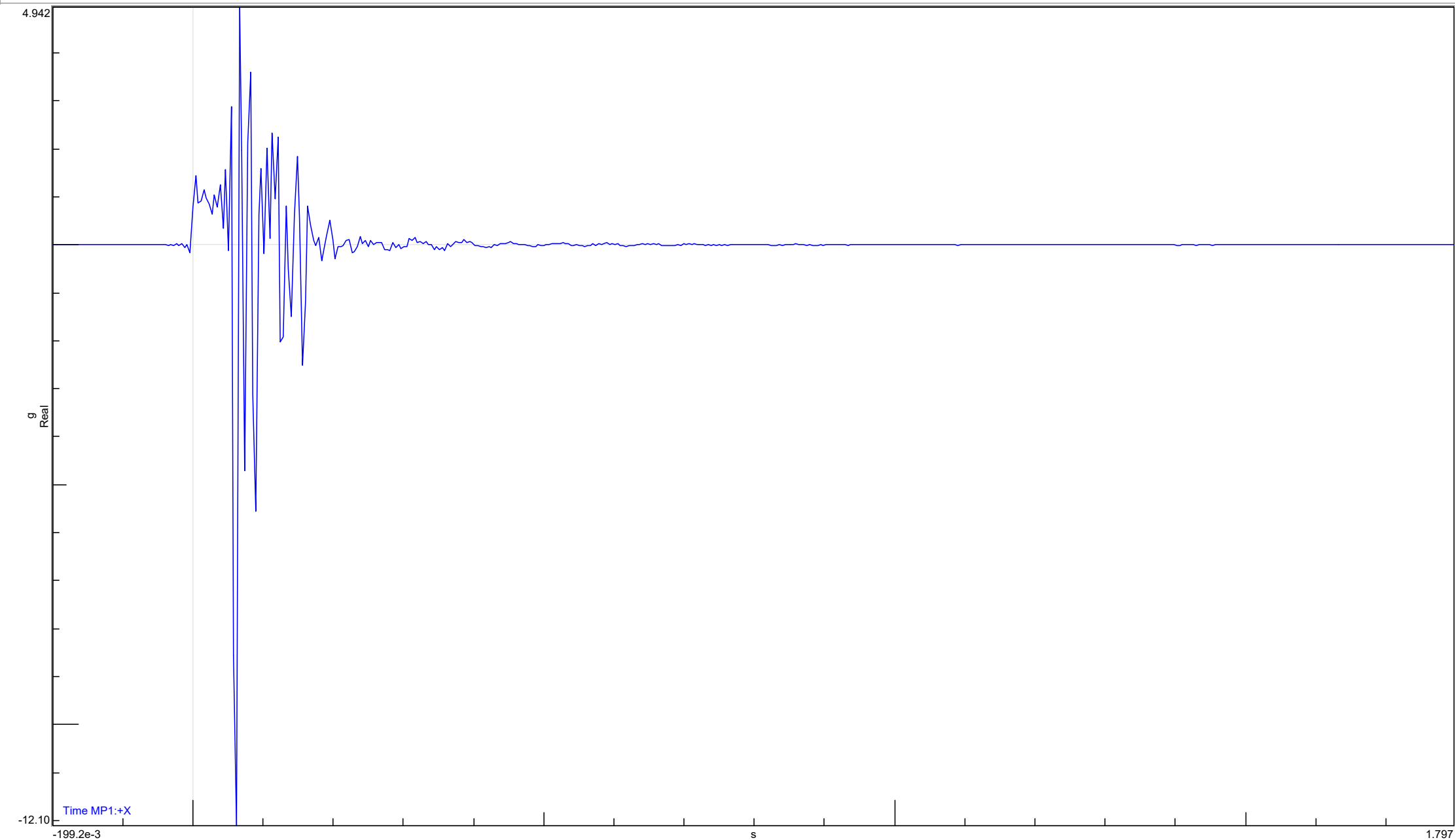


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP1:+X

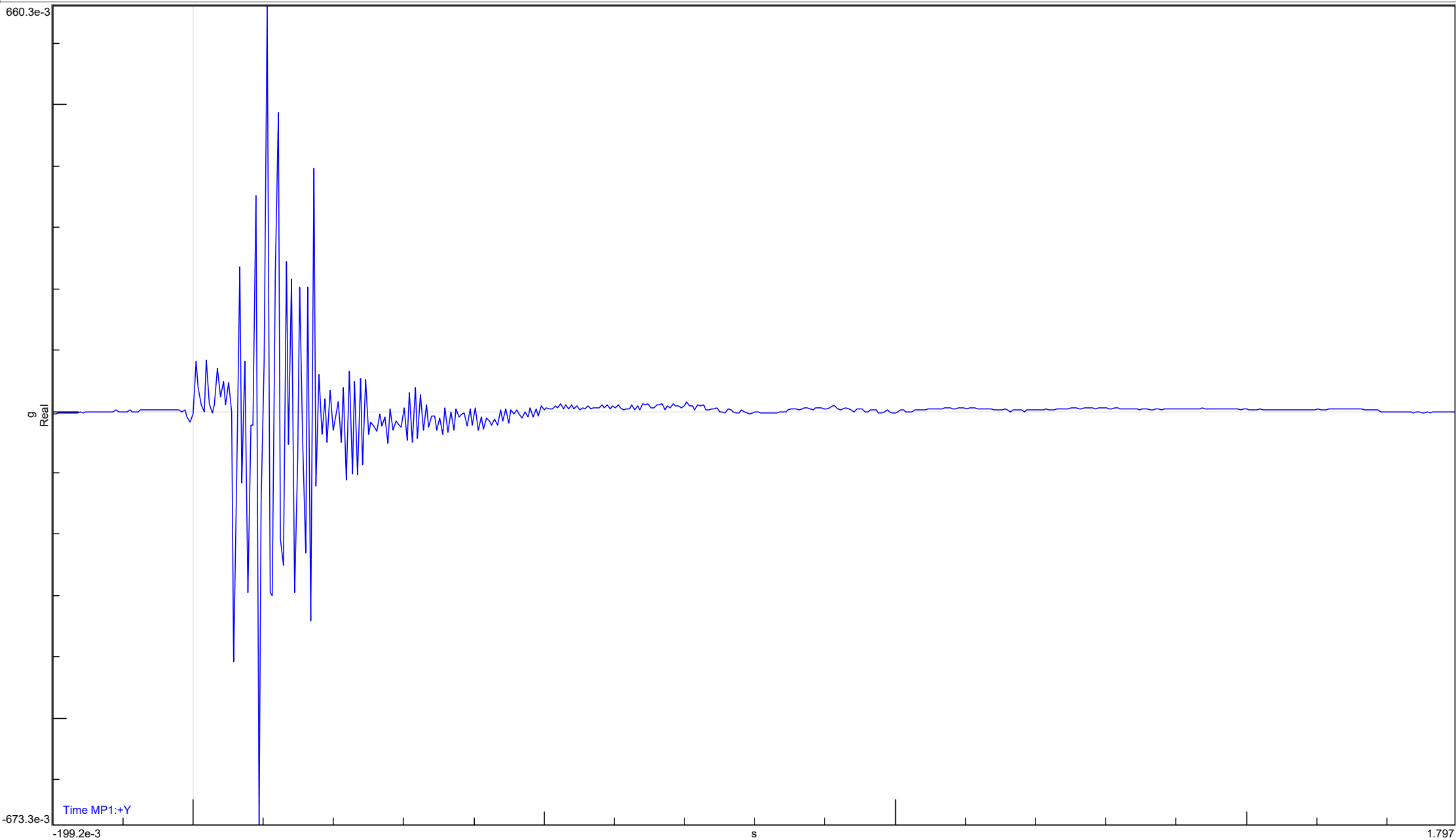


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP1:+Y

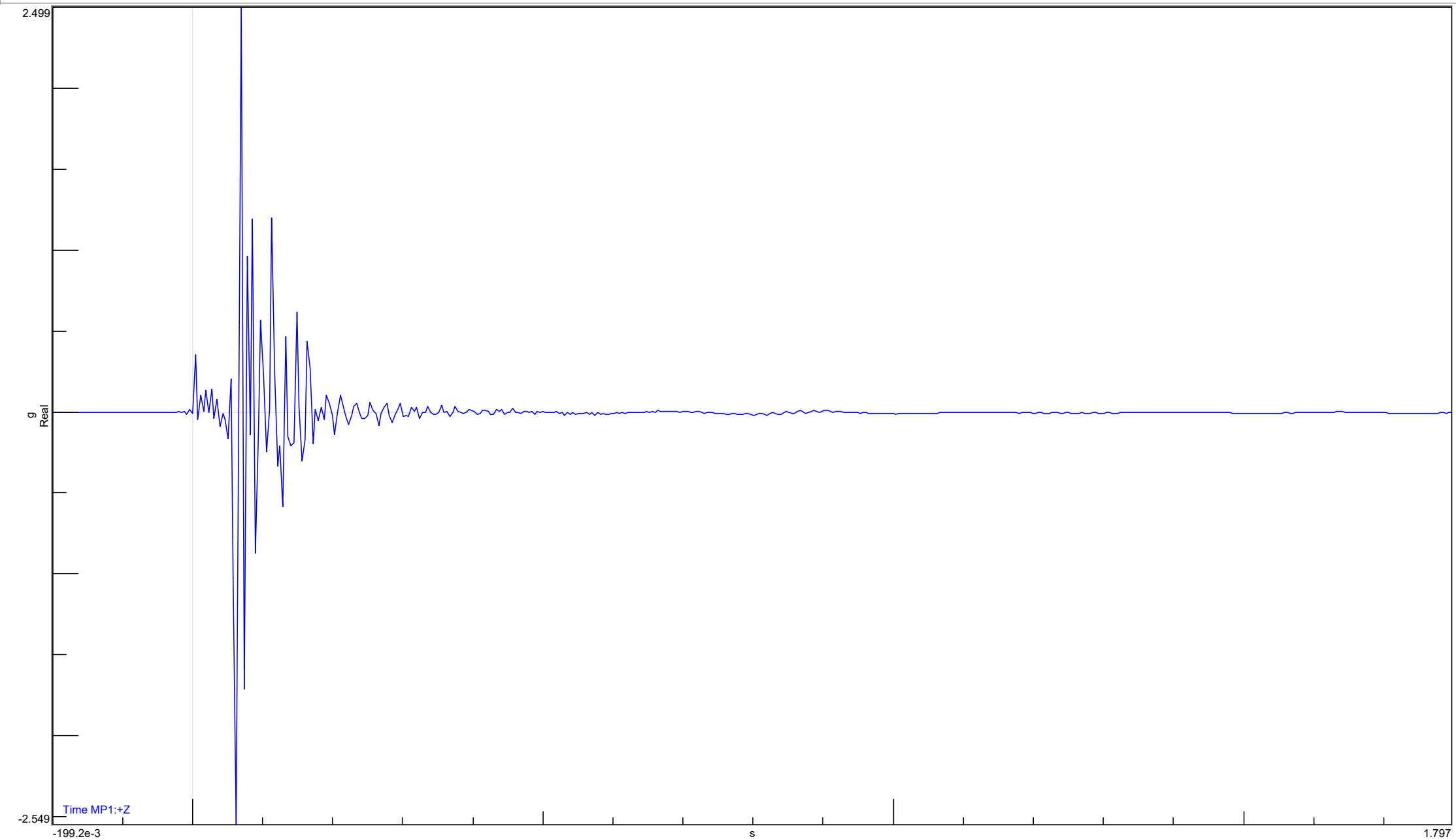


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP1:+Z

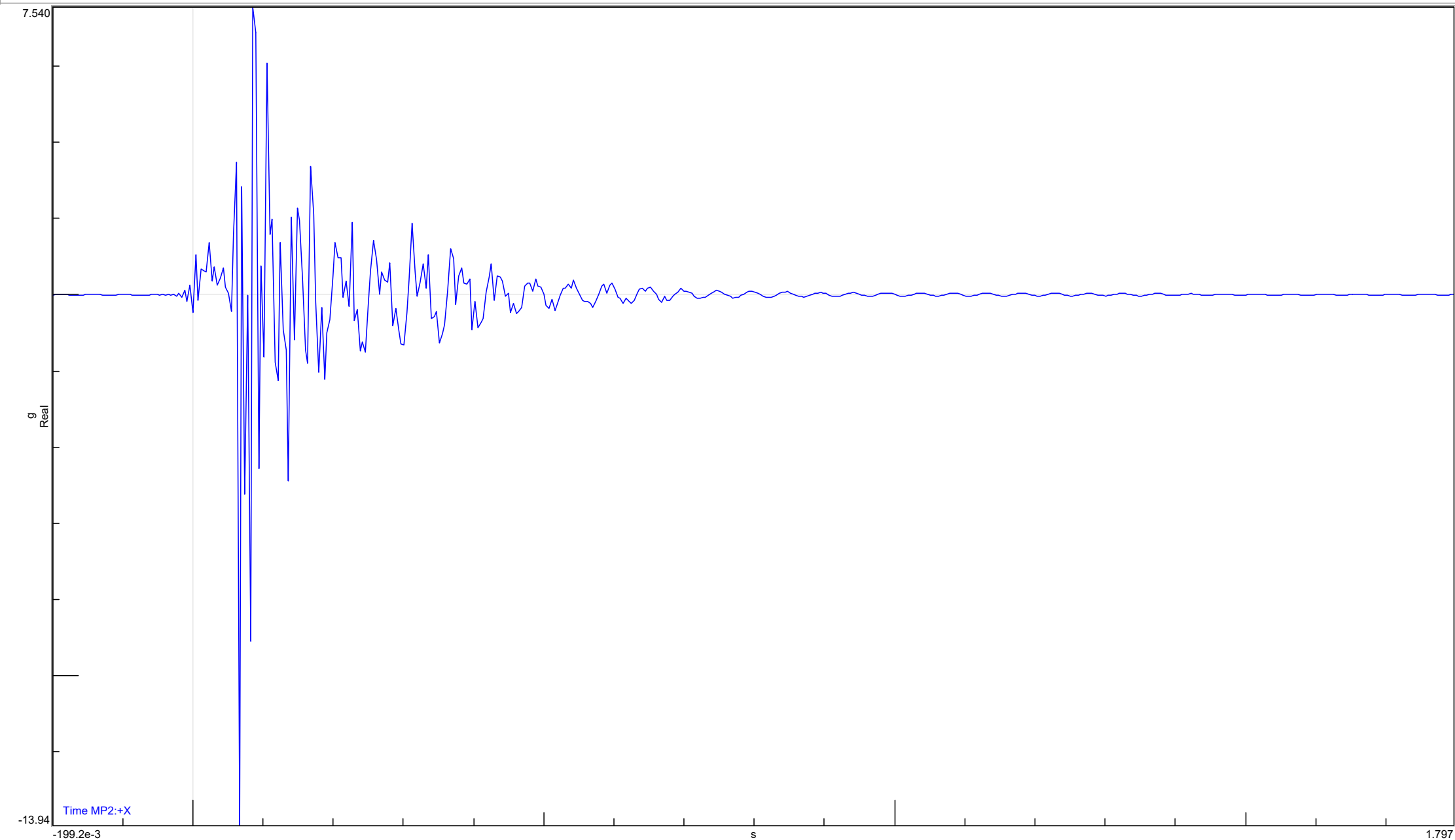


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13

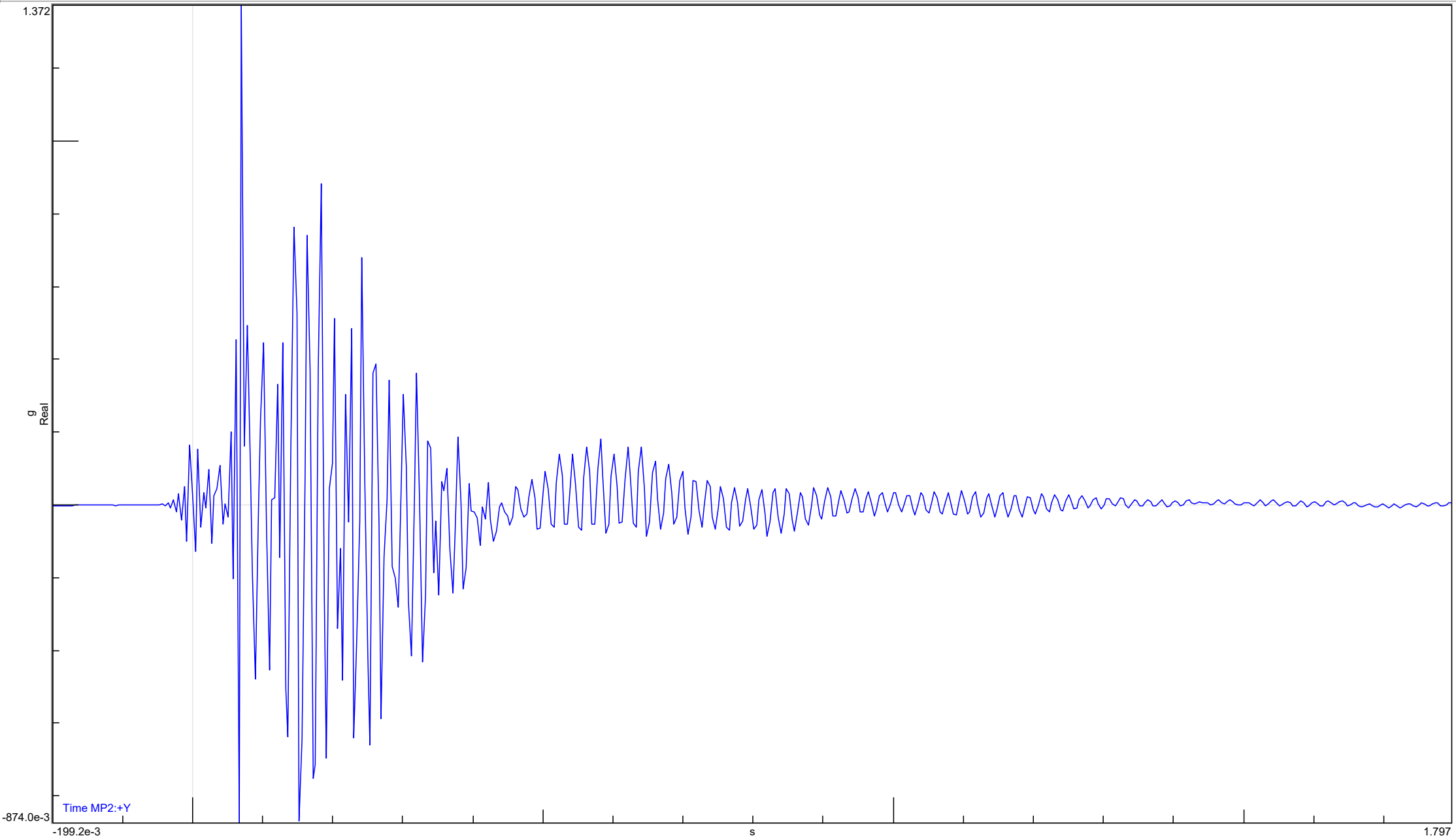


Trace identification : Time MP2:+X





Trace identification : Time MP2:+Y

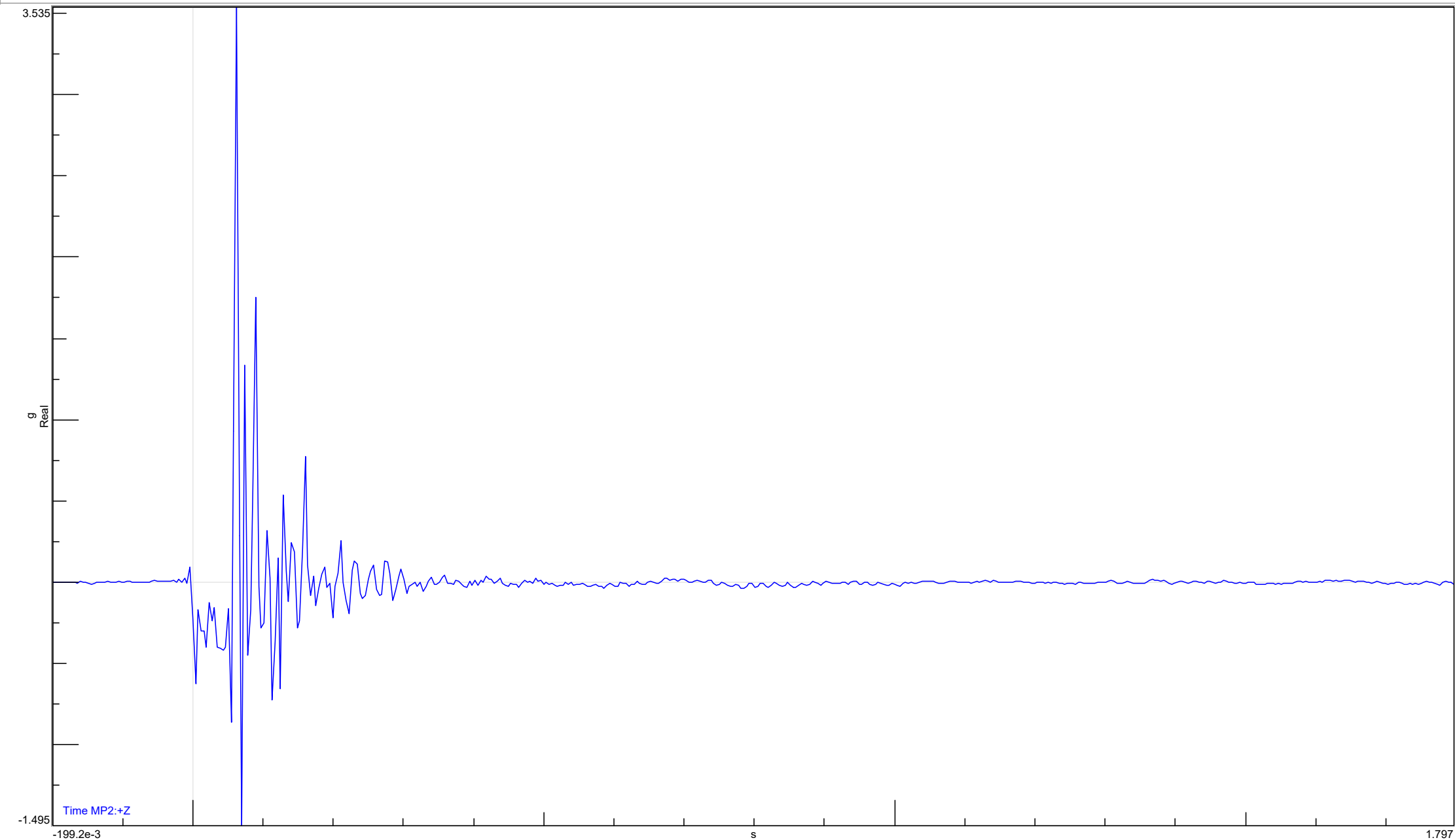


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP2:+Z

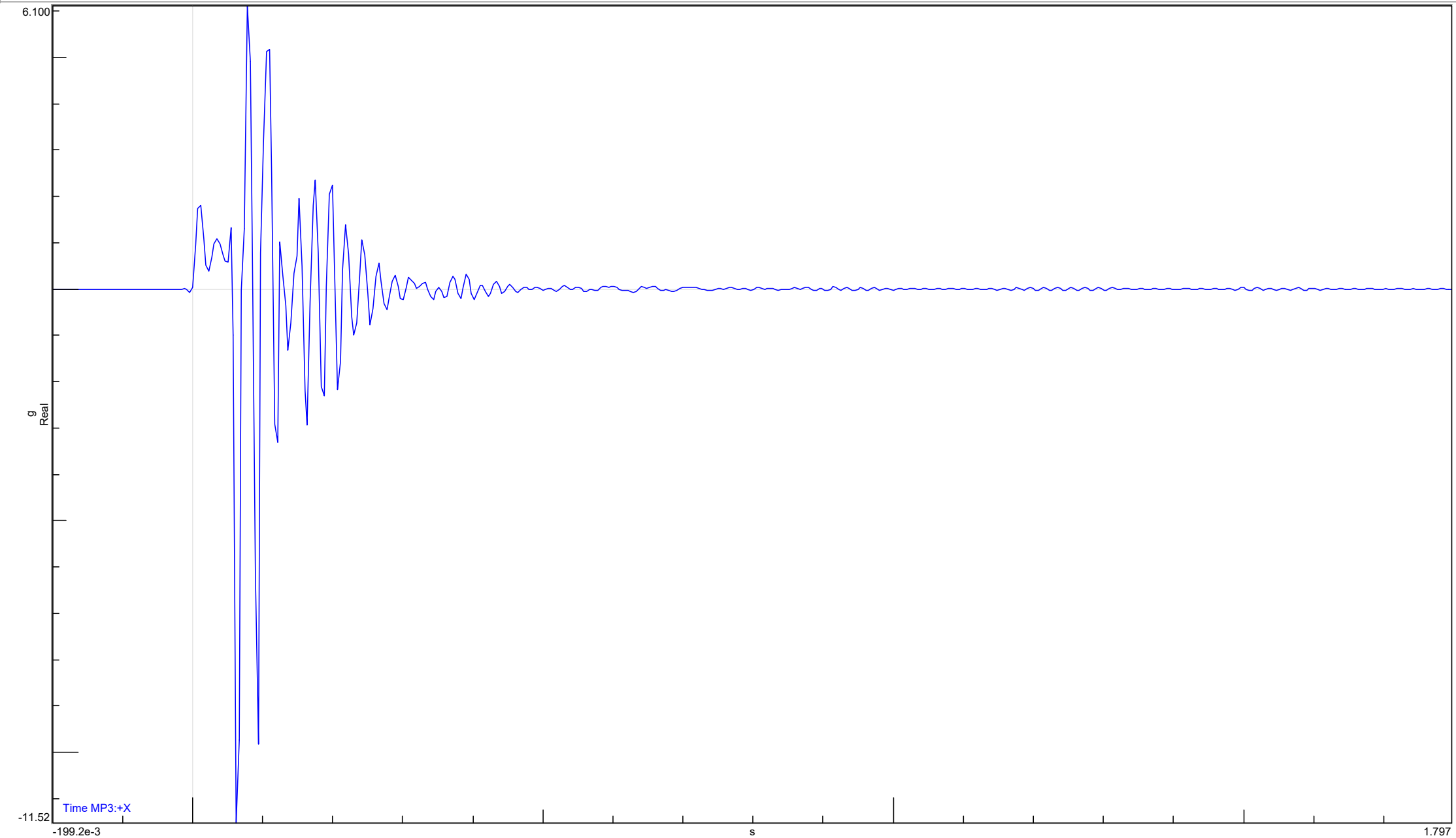


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP3:+X

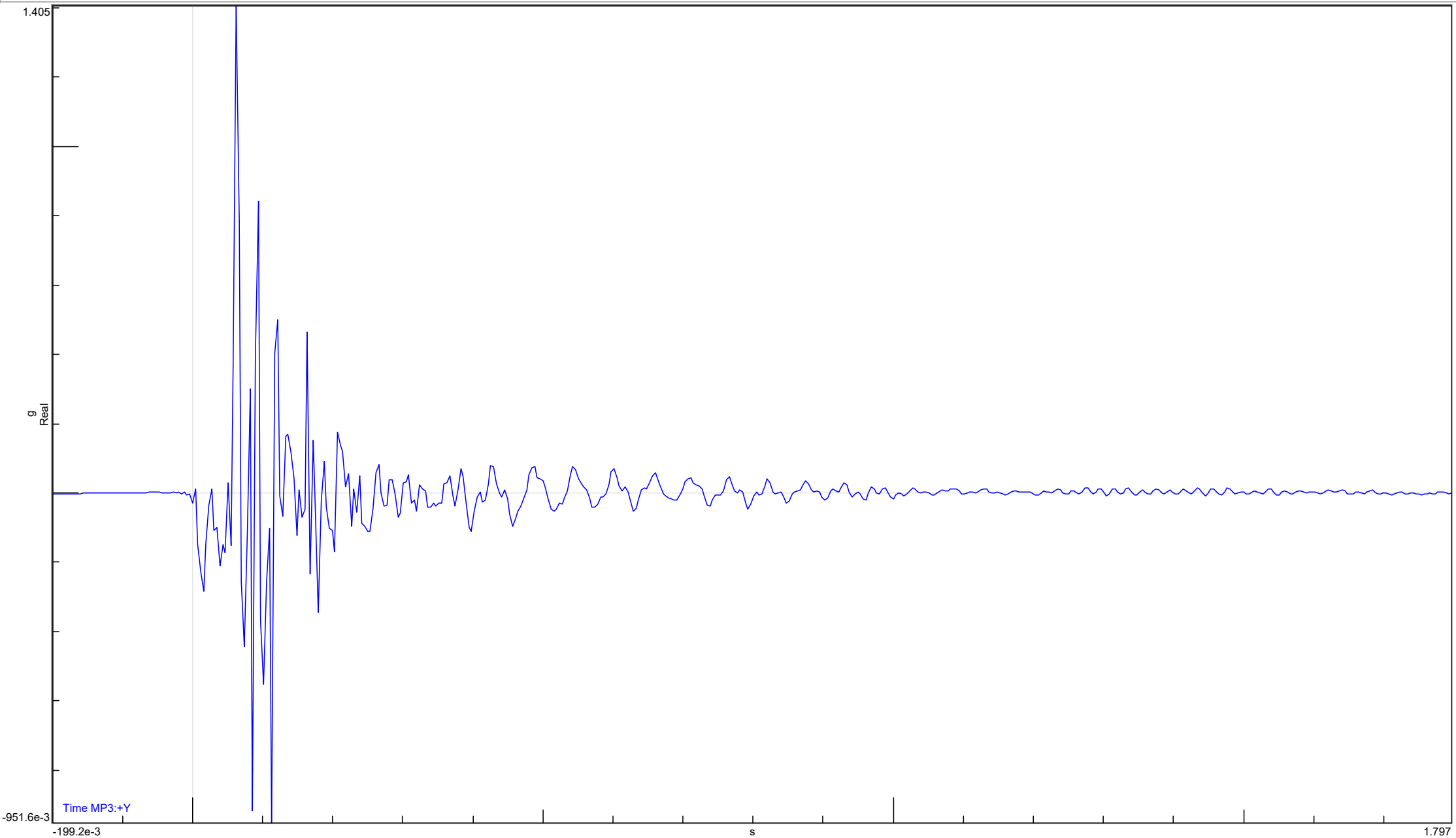


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP3:+Y

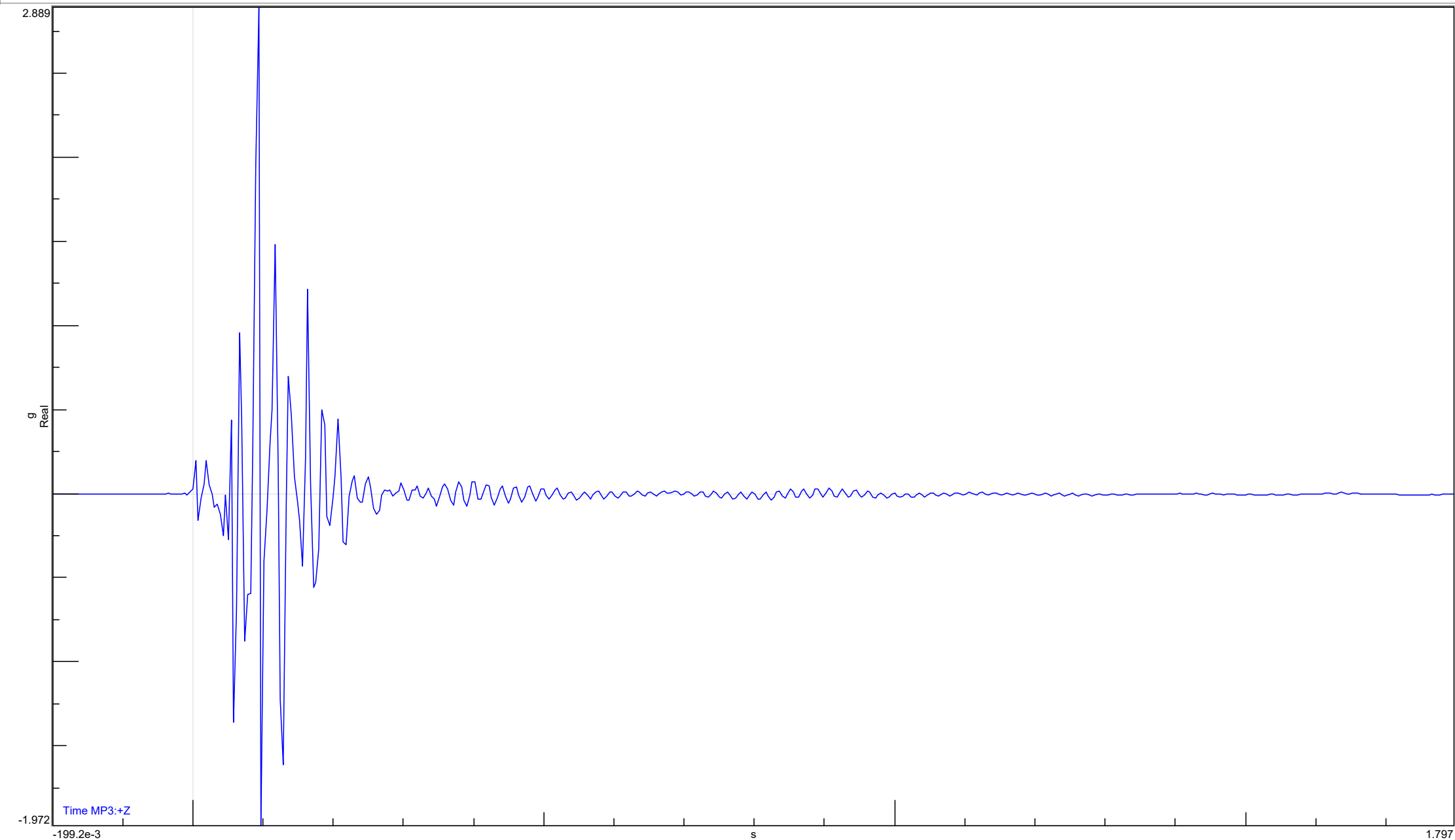


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP3:+Z

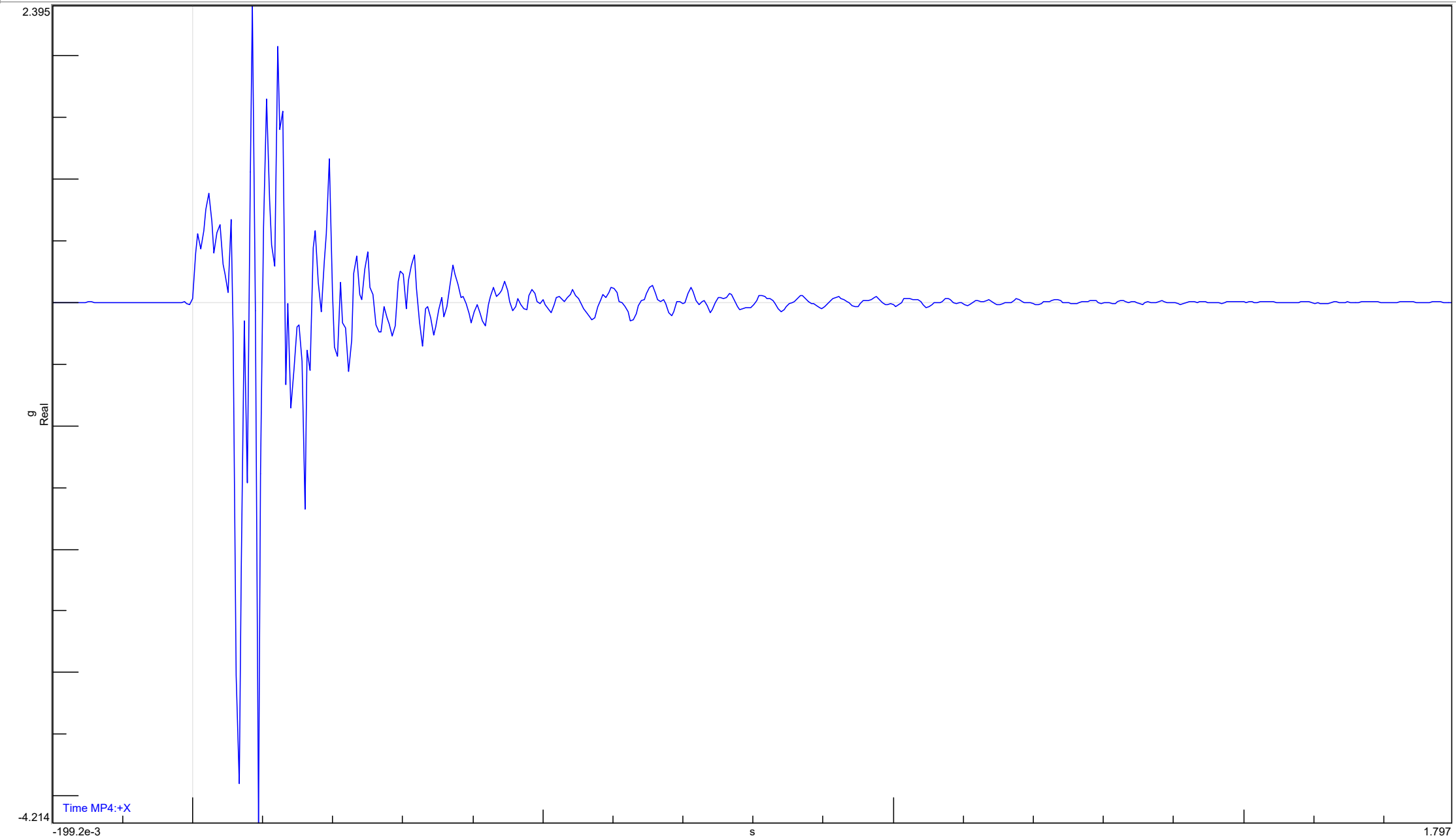


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13



Trace identification : Time MP4:+X

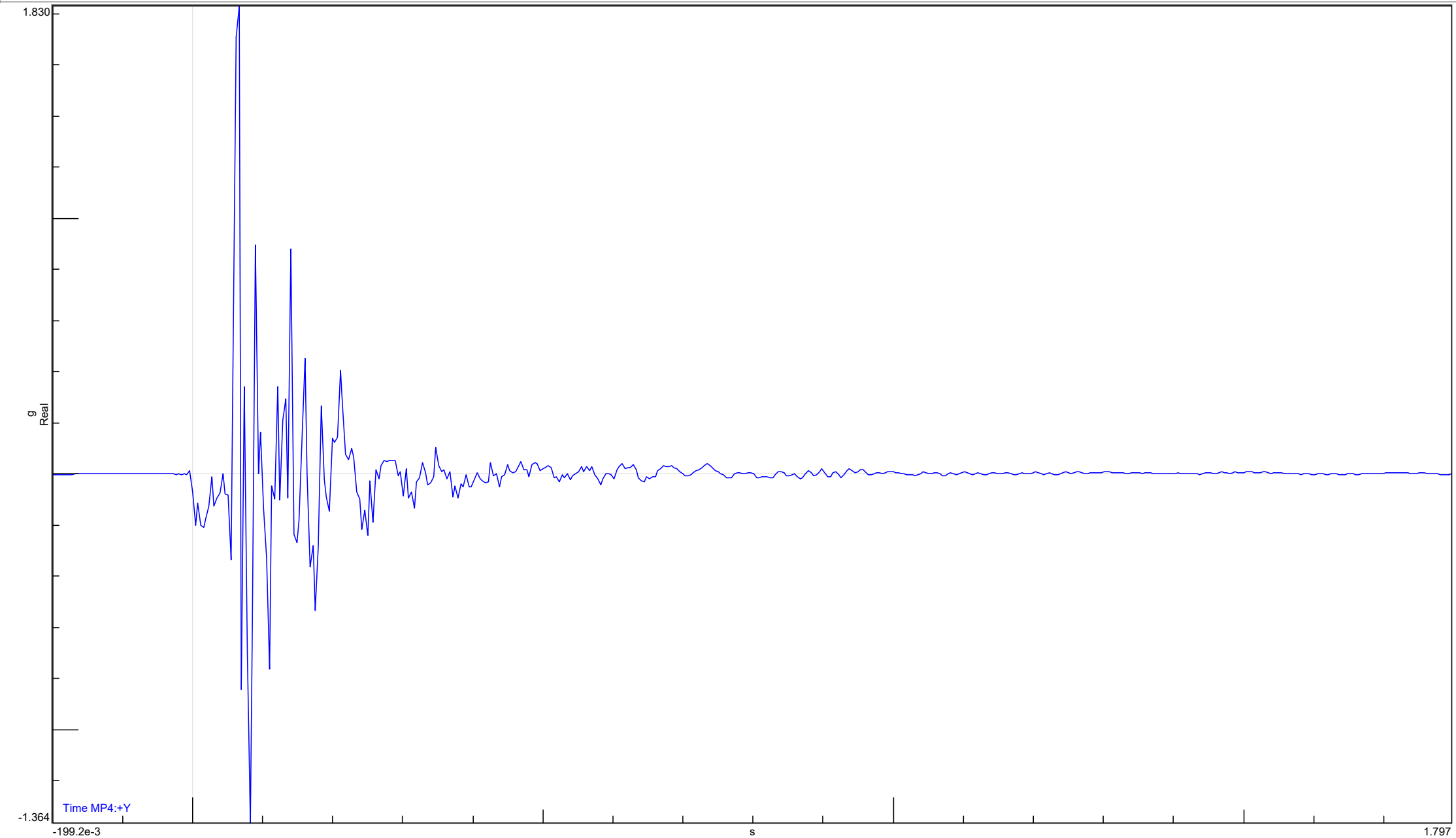


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 2 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:21:13

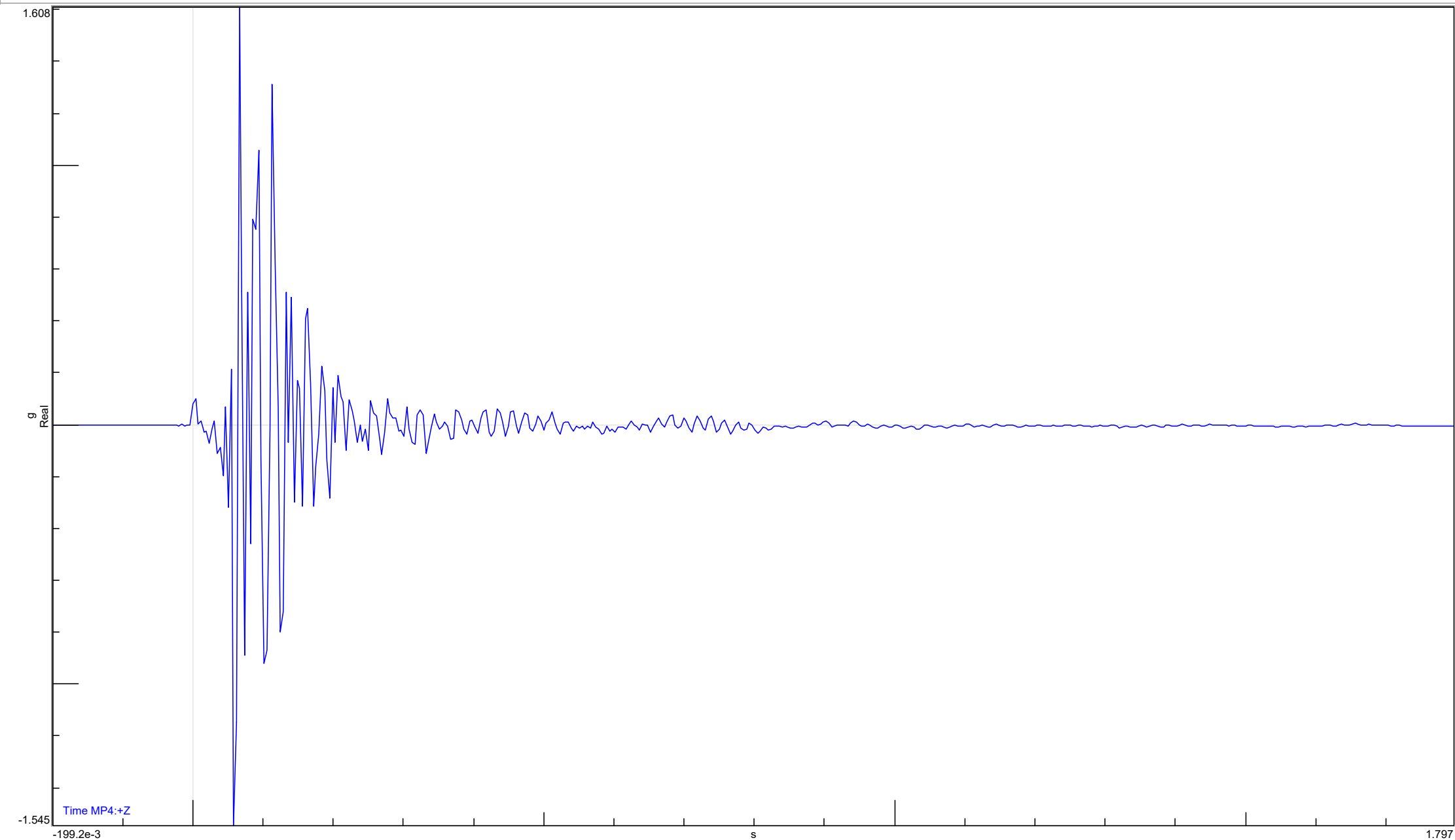


Trace identification : Time MP4:+Y





Trace identification : Time MP4:+Z

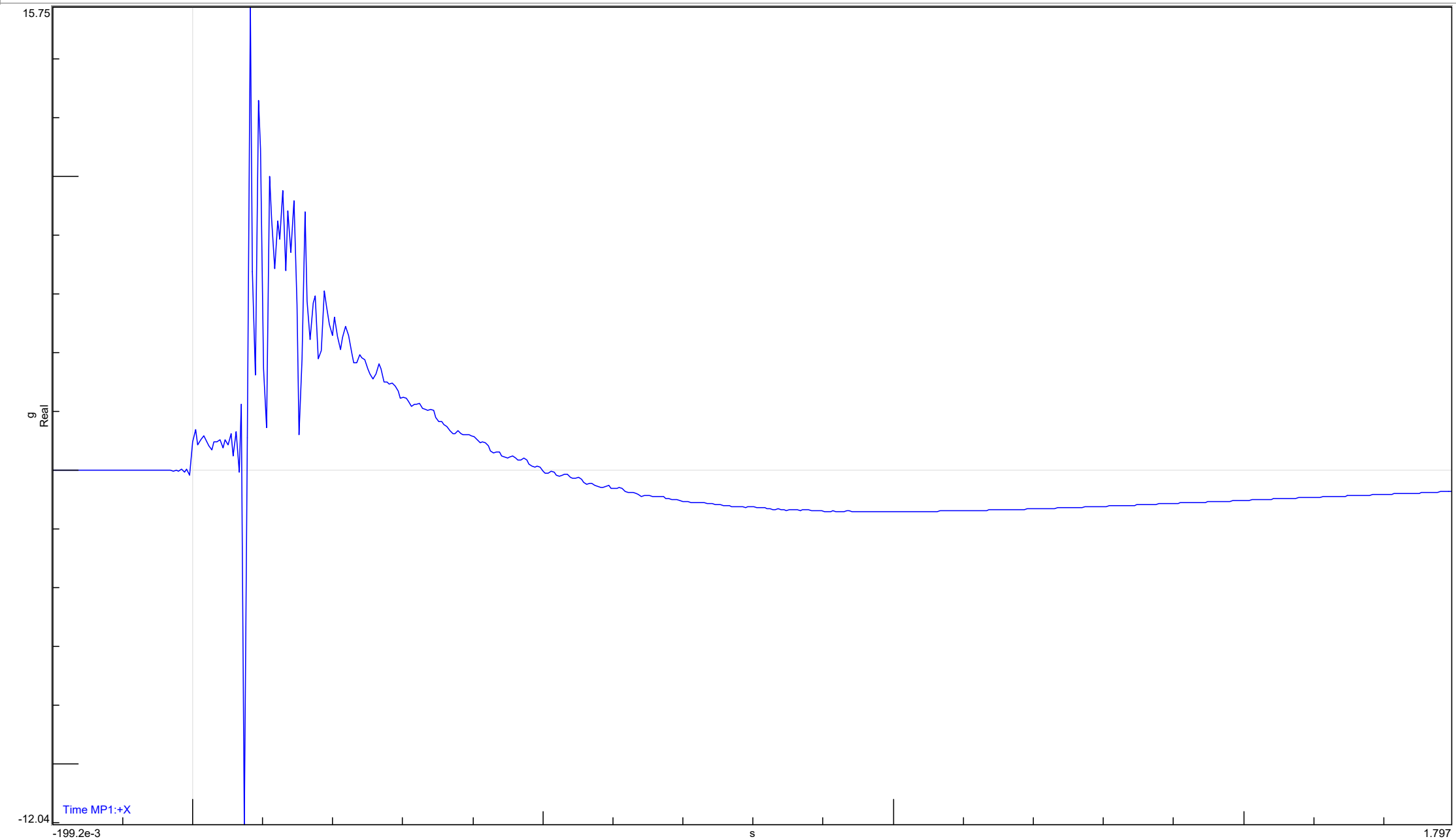


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP1:+X

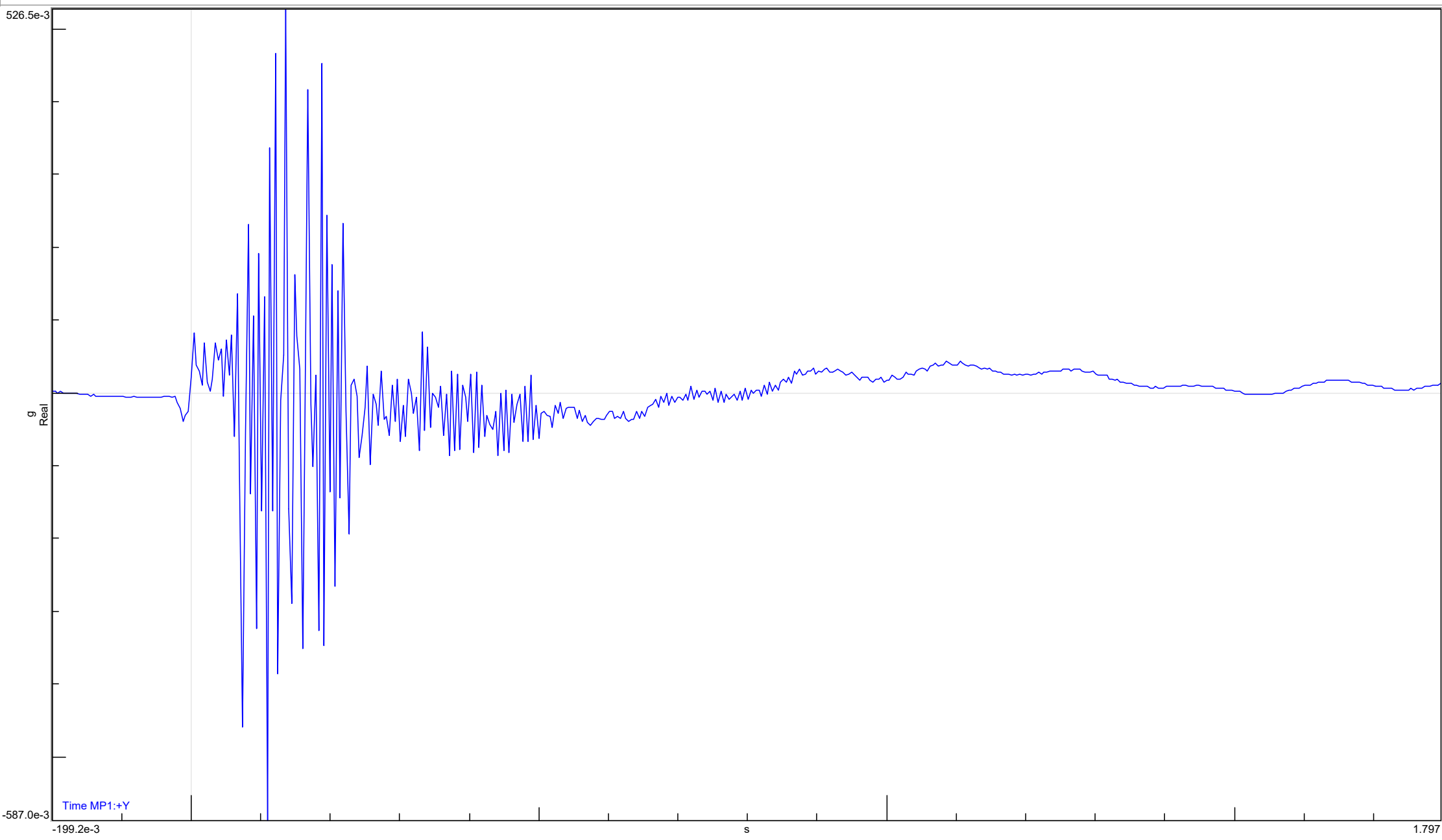


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP1:+Y



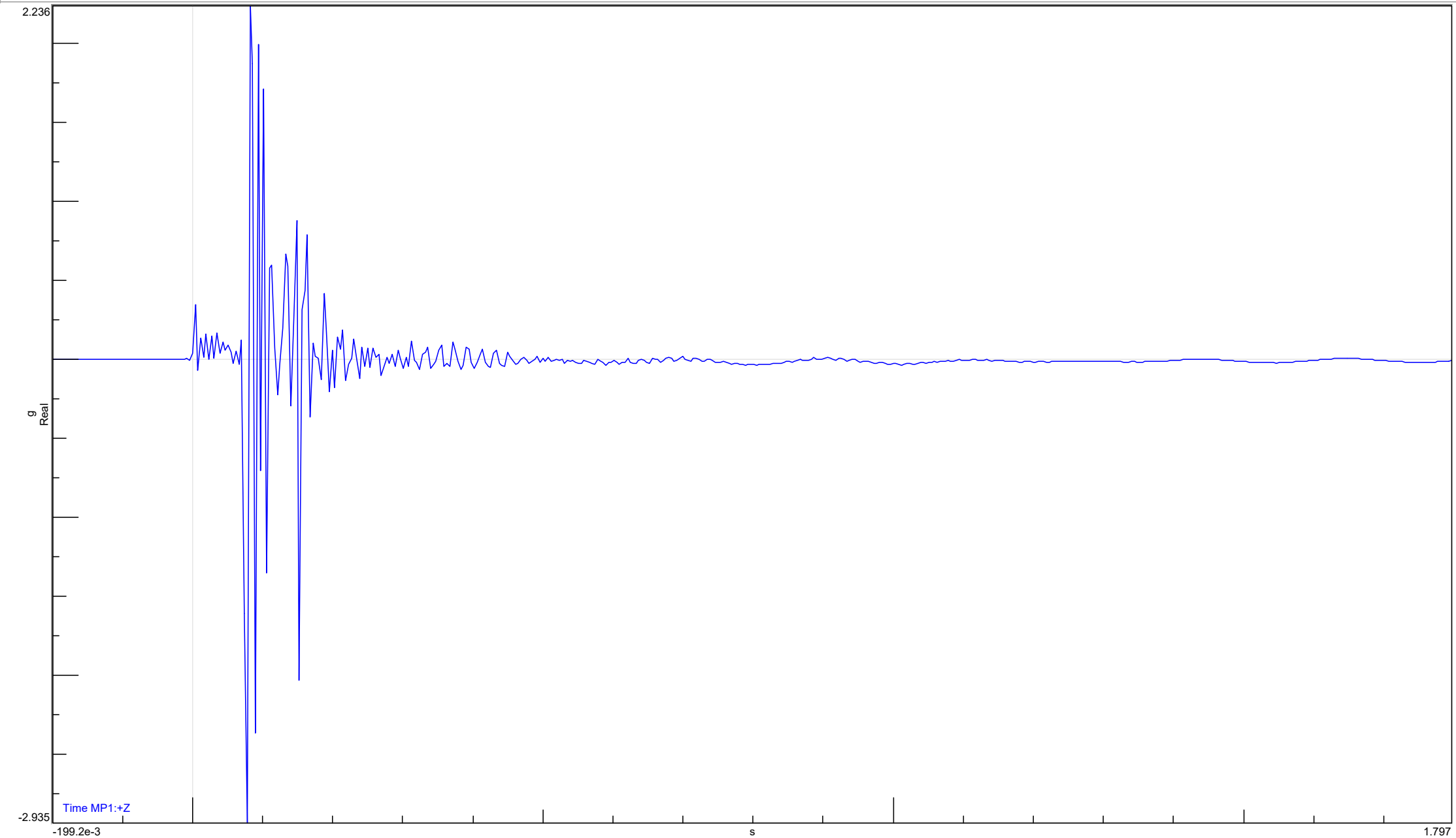
Memo

Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP1:+Z

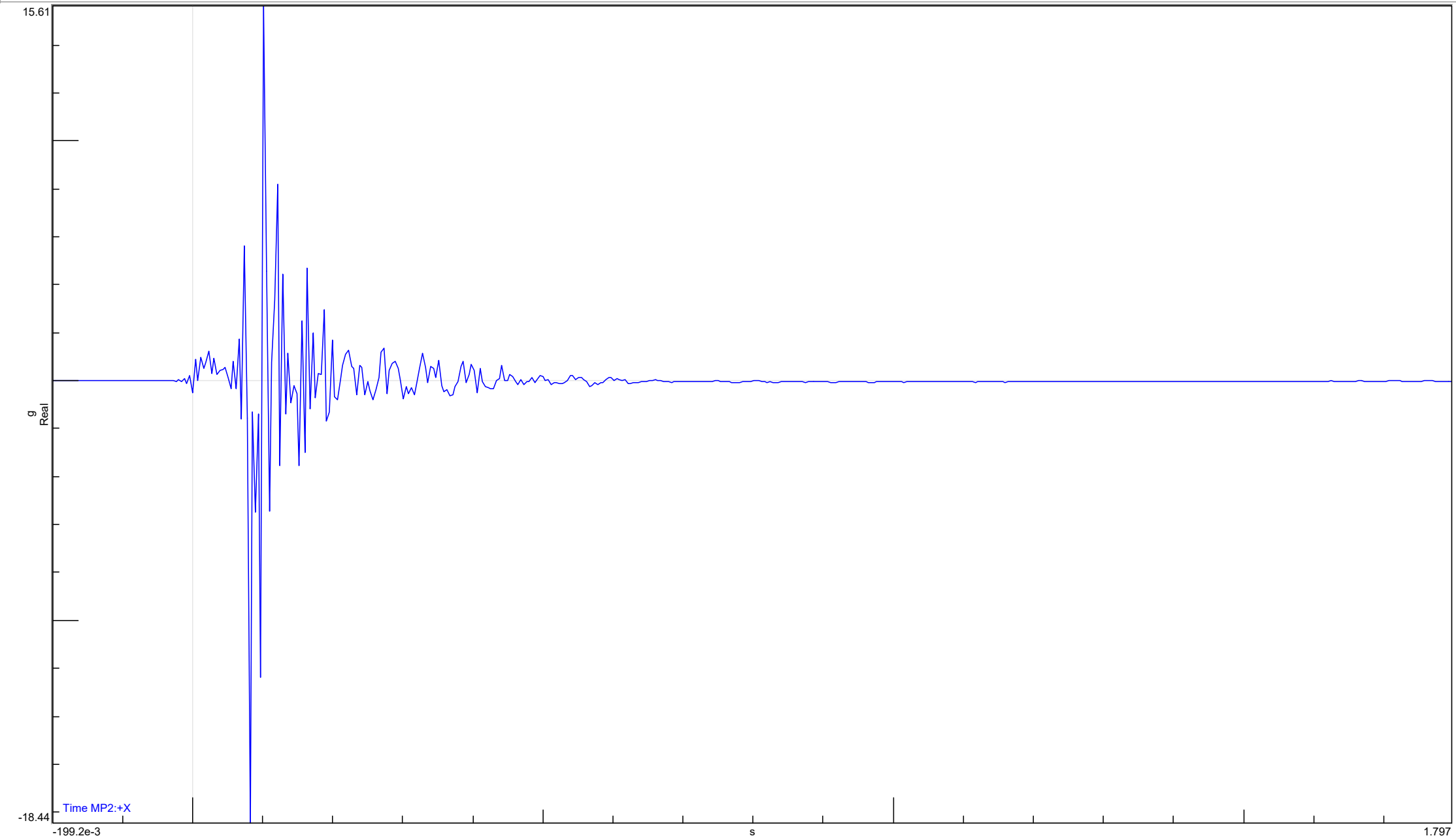


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP2:+X

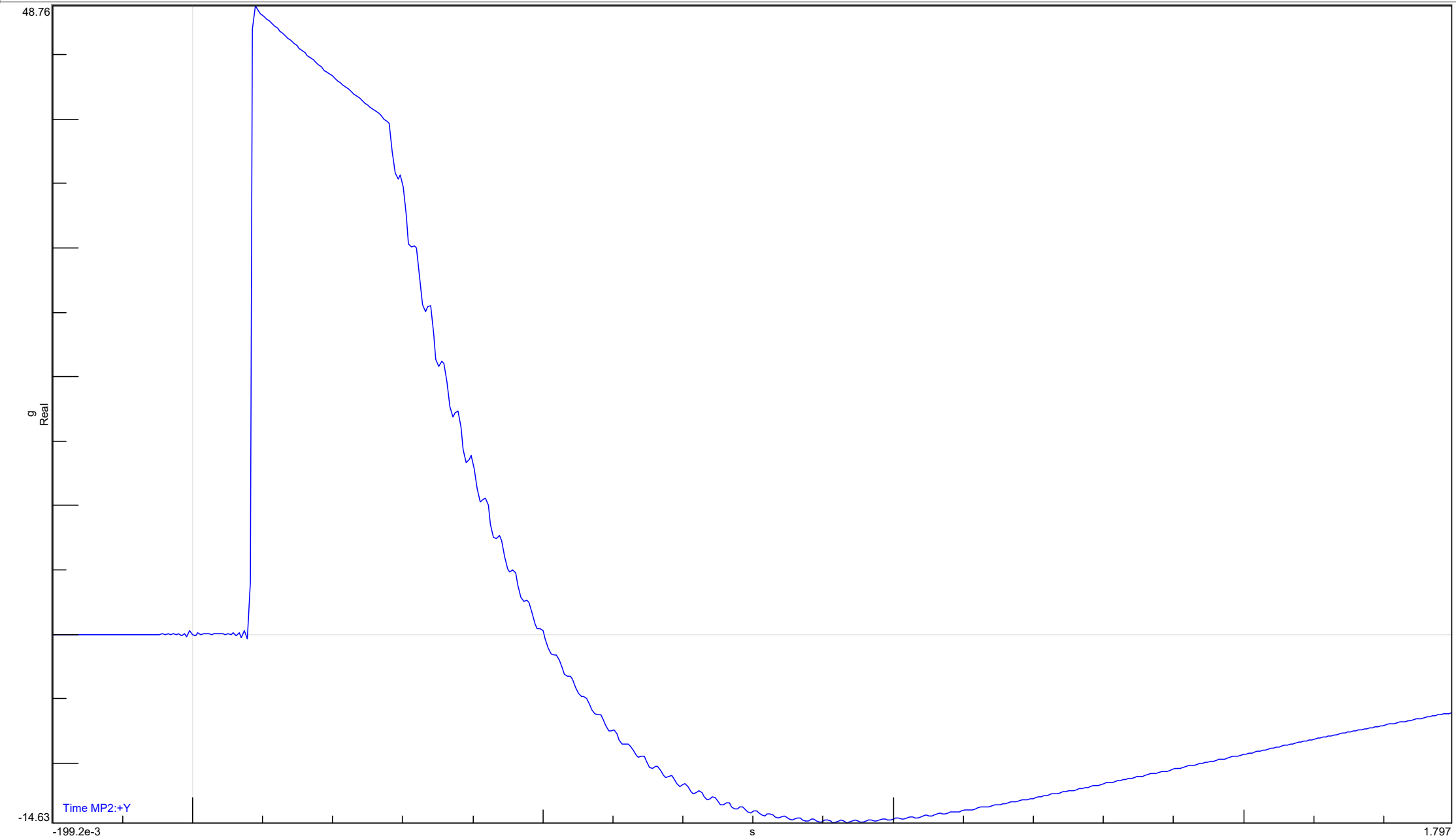


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP2:+Y

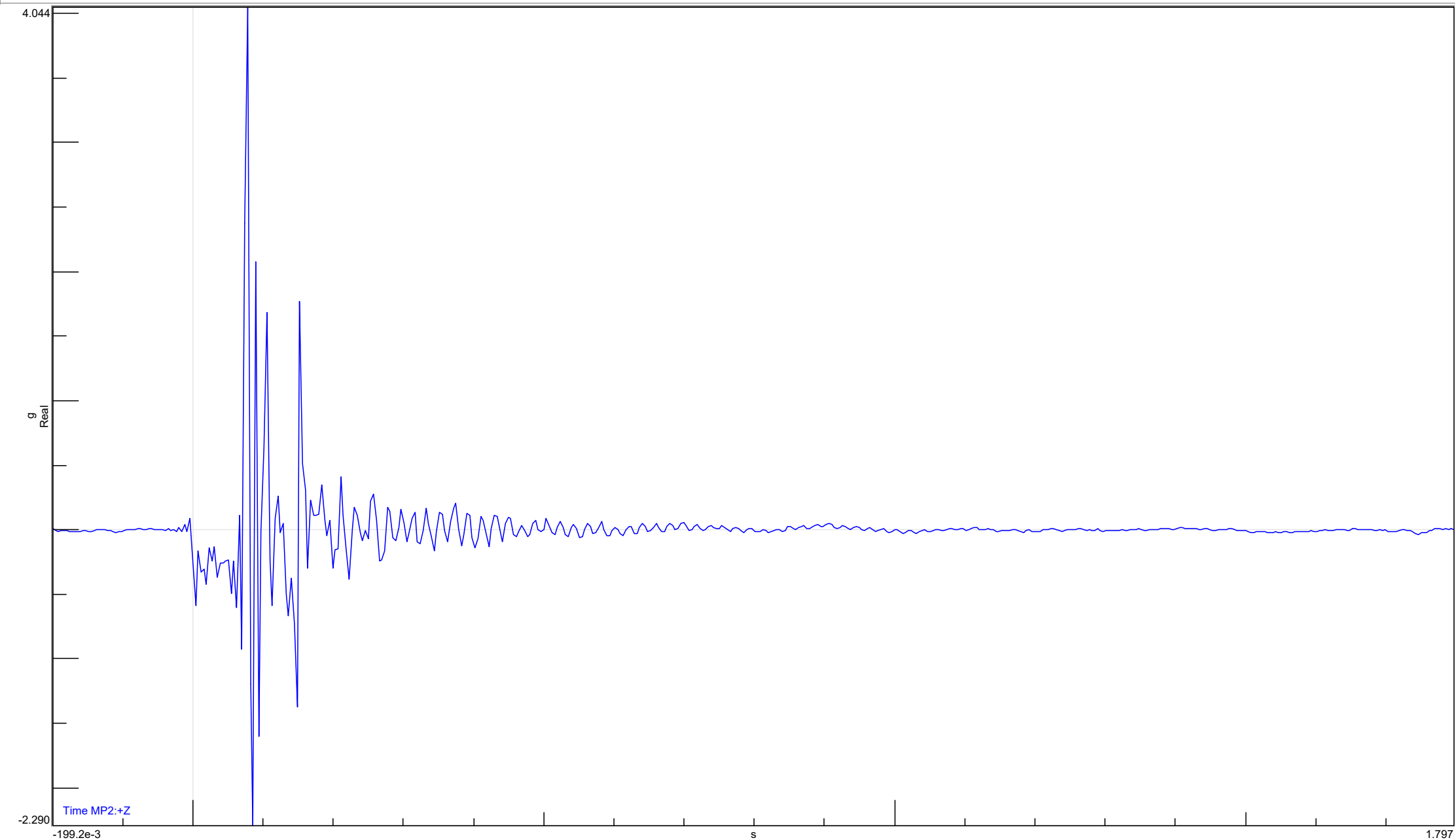


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP2:+Z

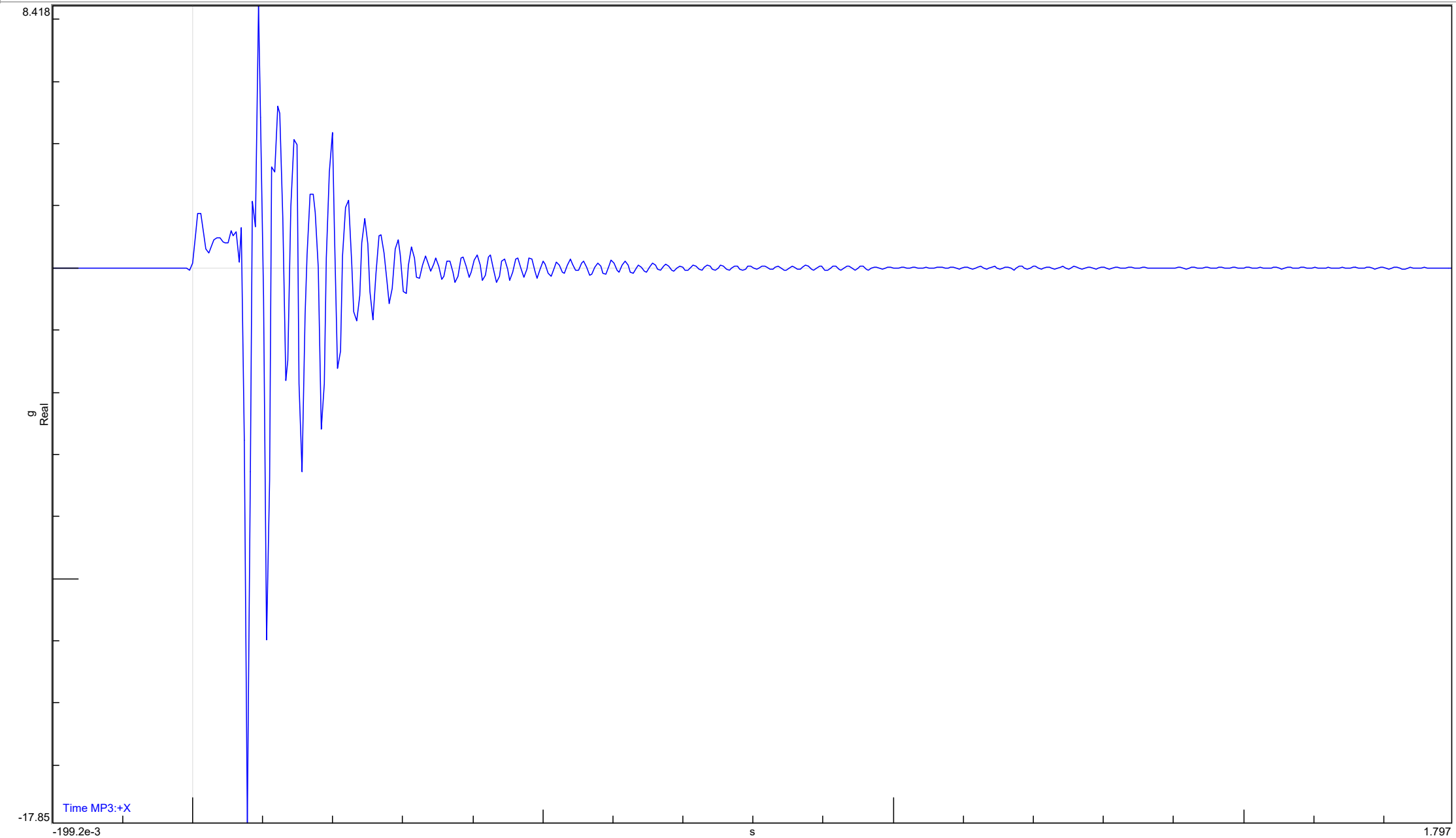


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29

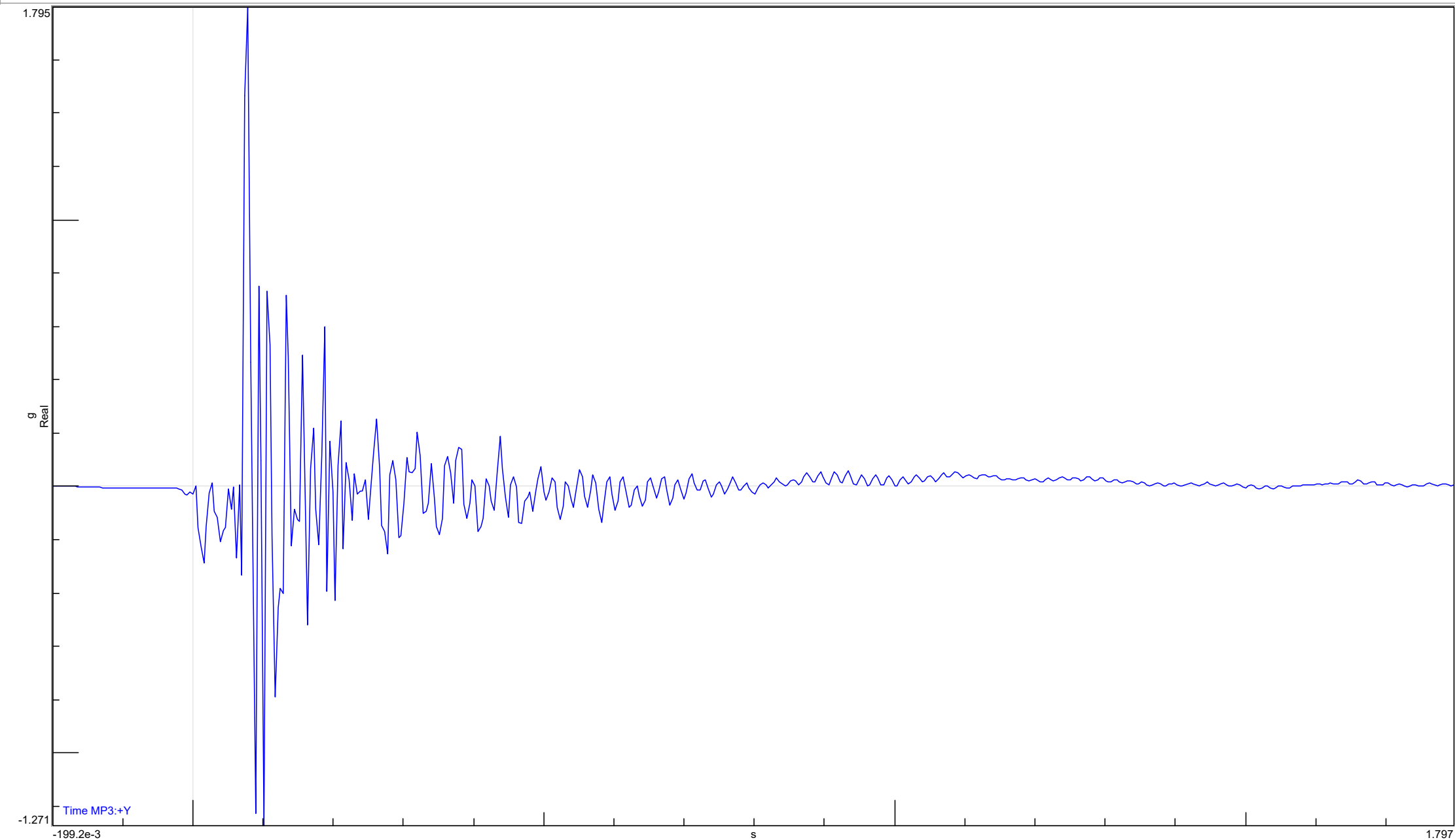


Trace identification : Time MP3:+X





Trace identification : Time MP3:+Y

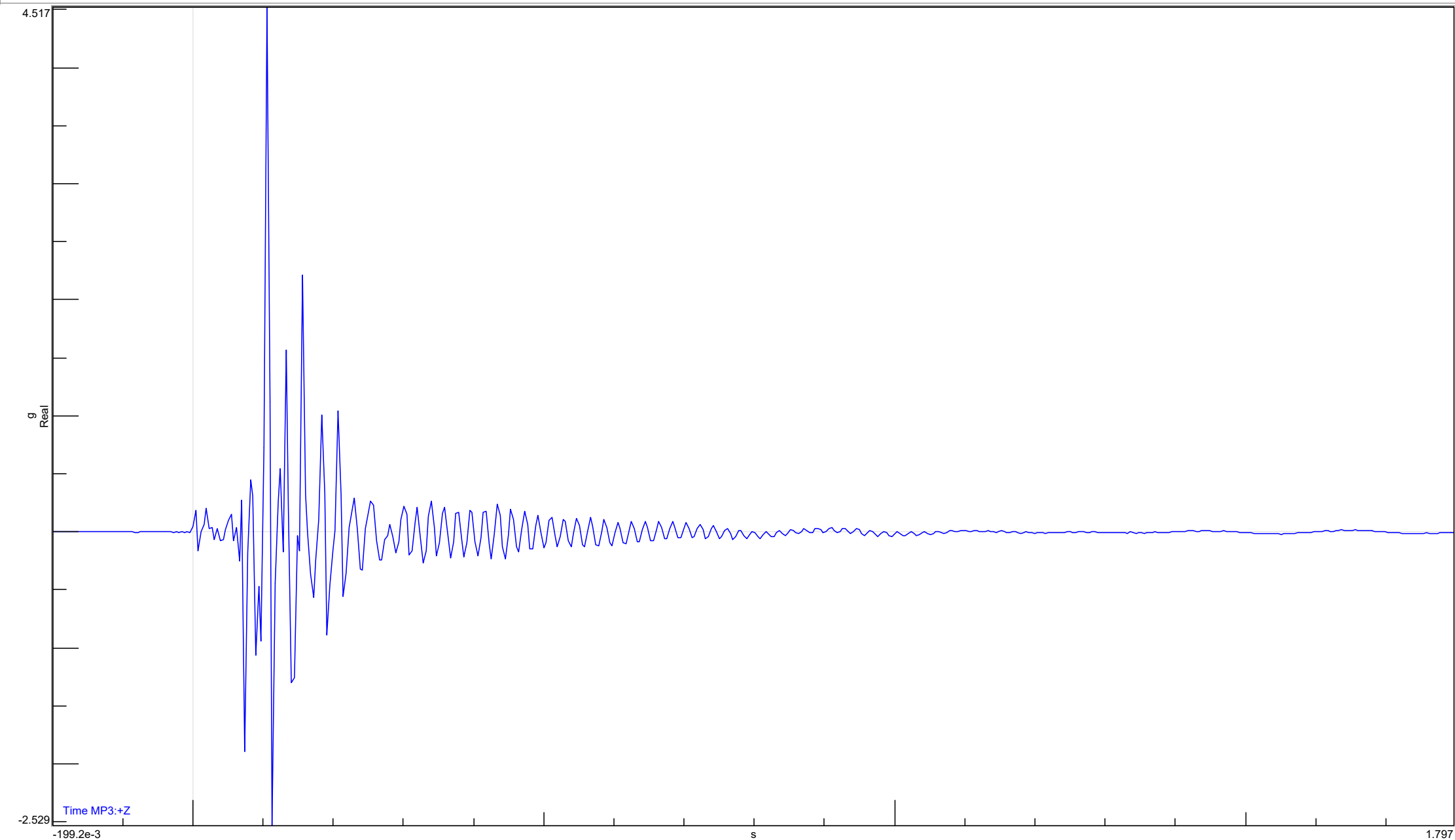


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP3:+Z

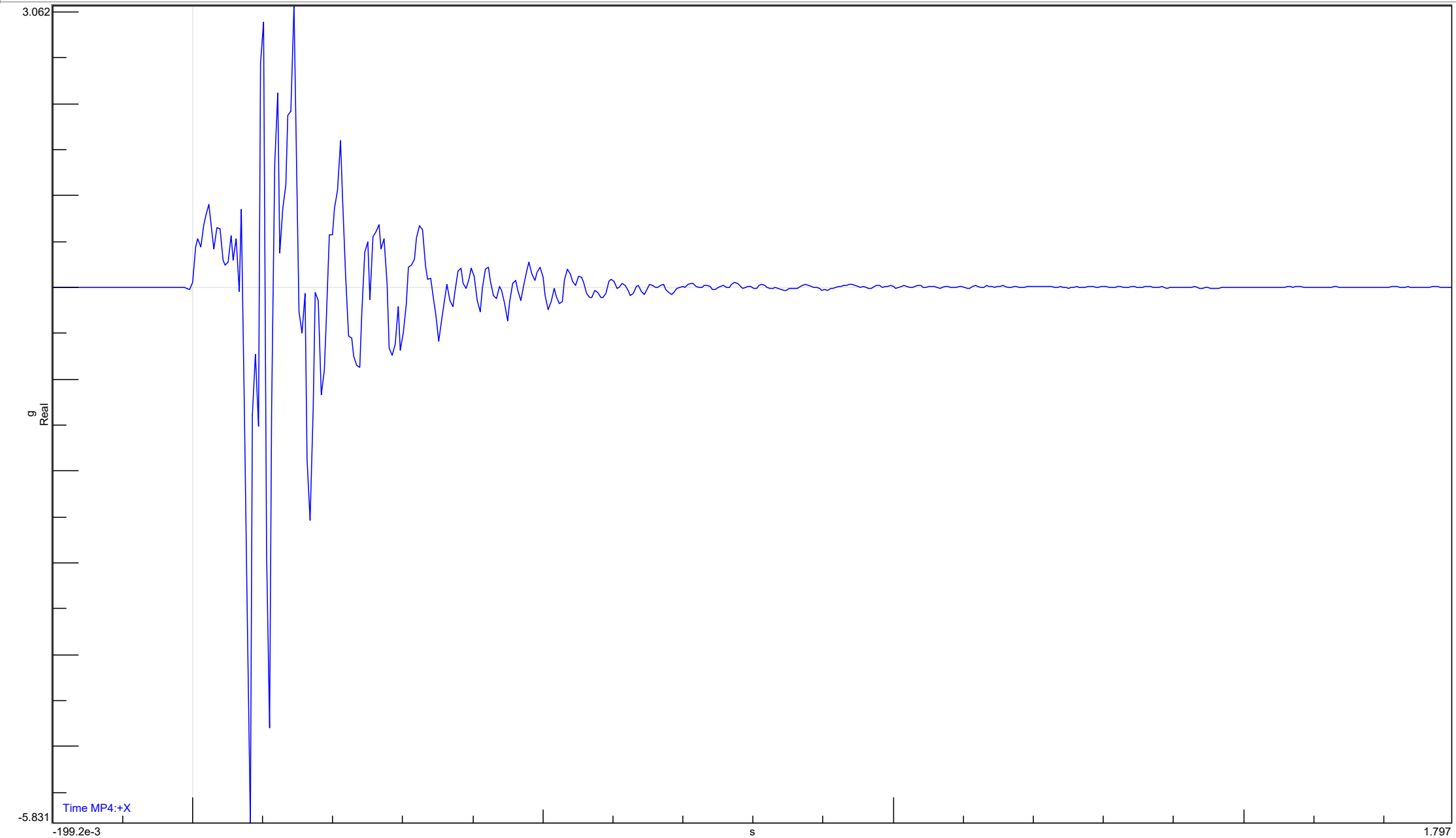


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP4:+X

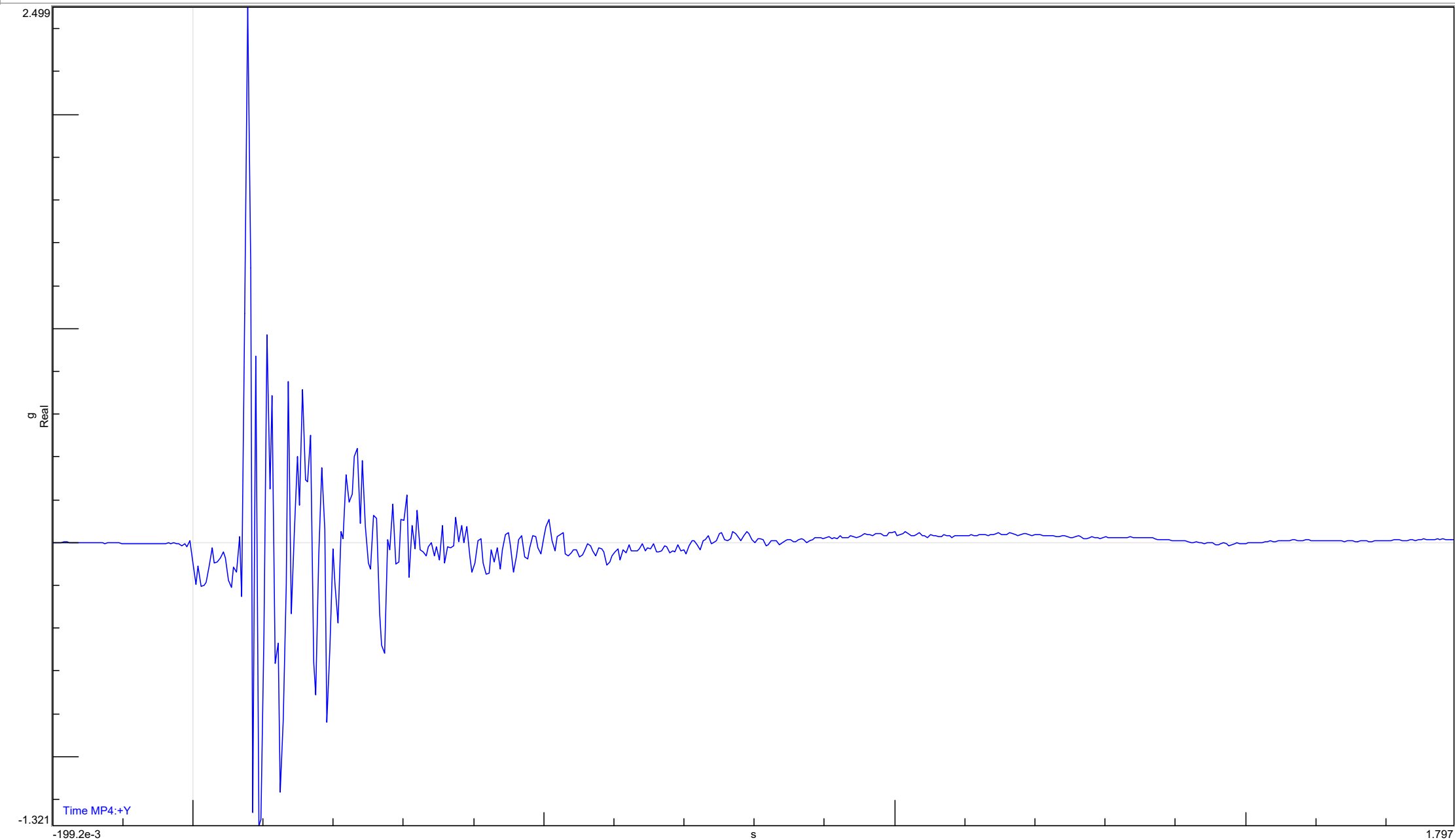


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP4:+Y

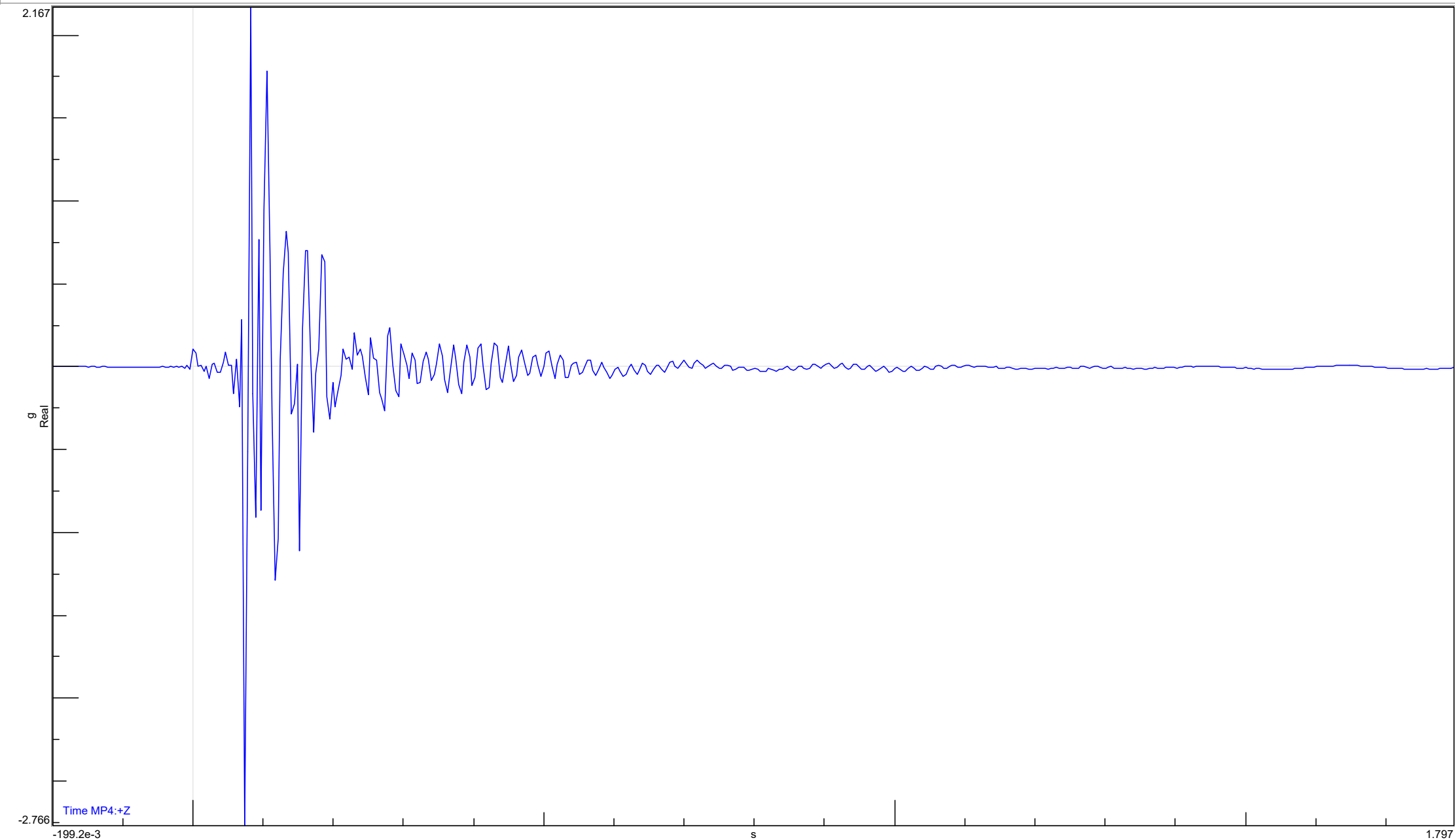


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 3 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:24:29



Trace identification : Time MP4:+Z

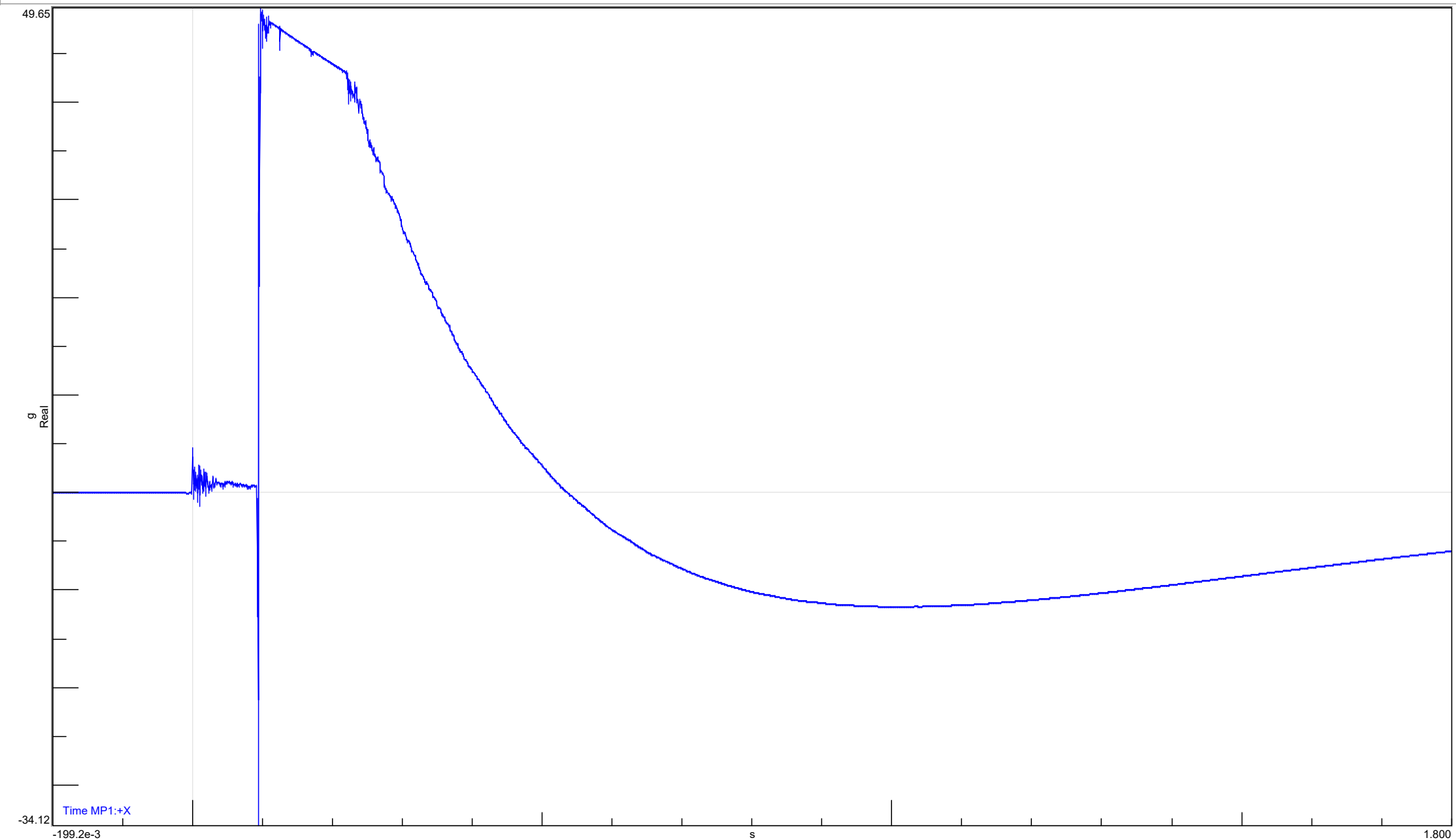


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13



Trace identification : Time MP1:+X

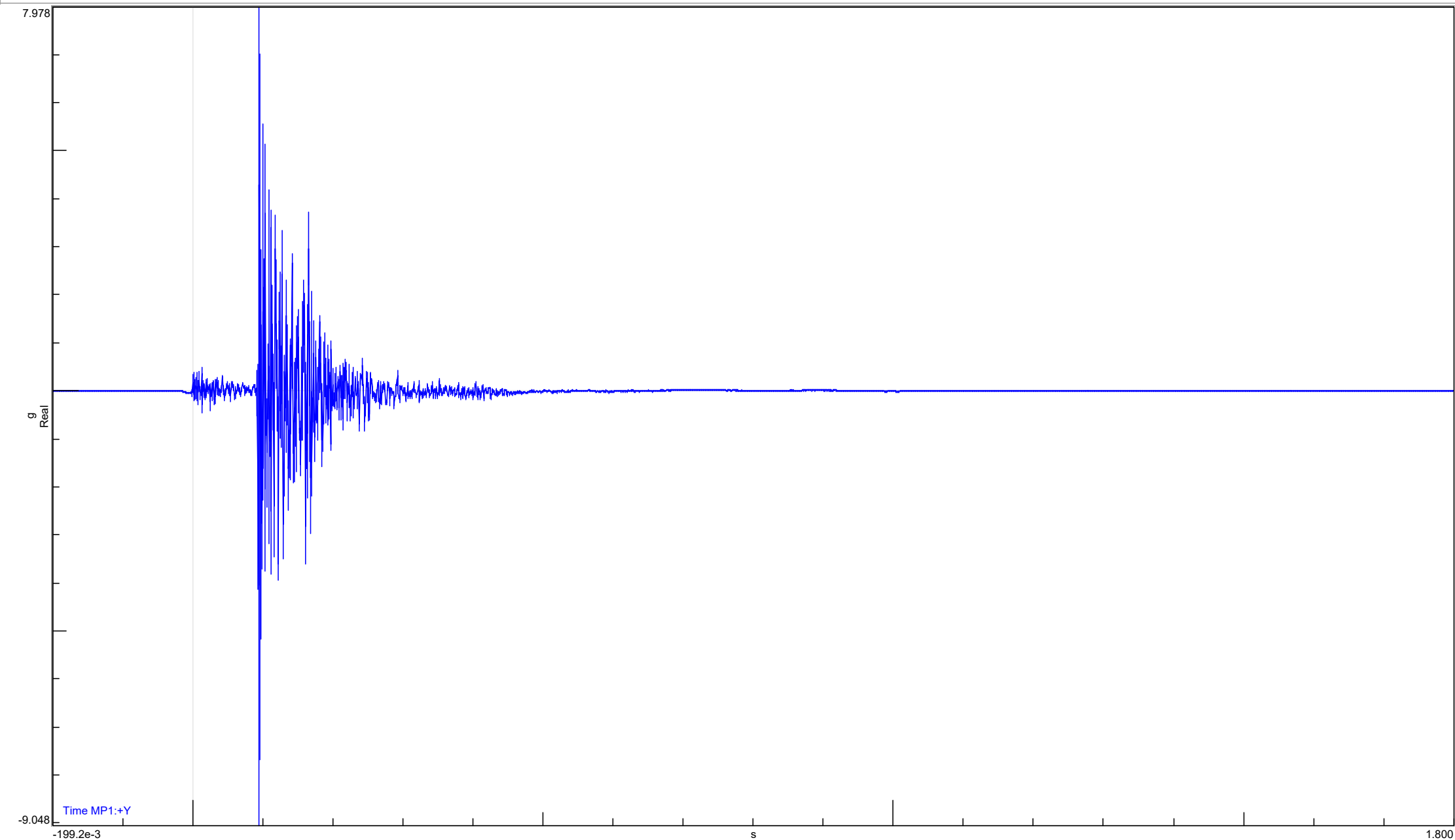


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13



Trace identification : Time MP1:+Y

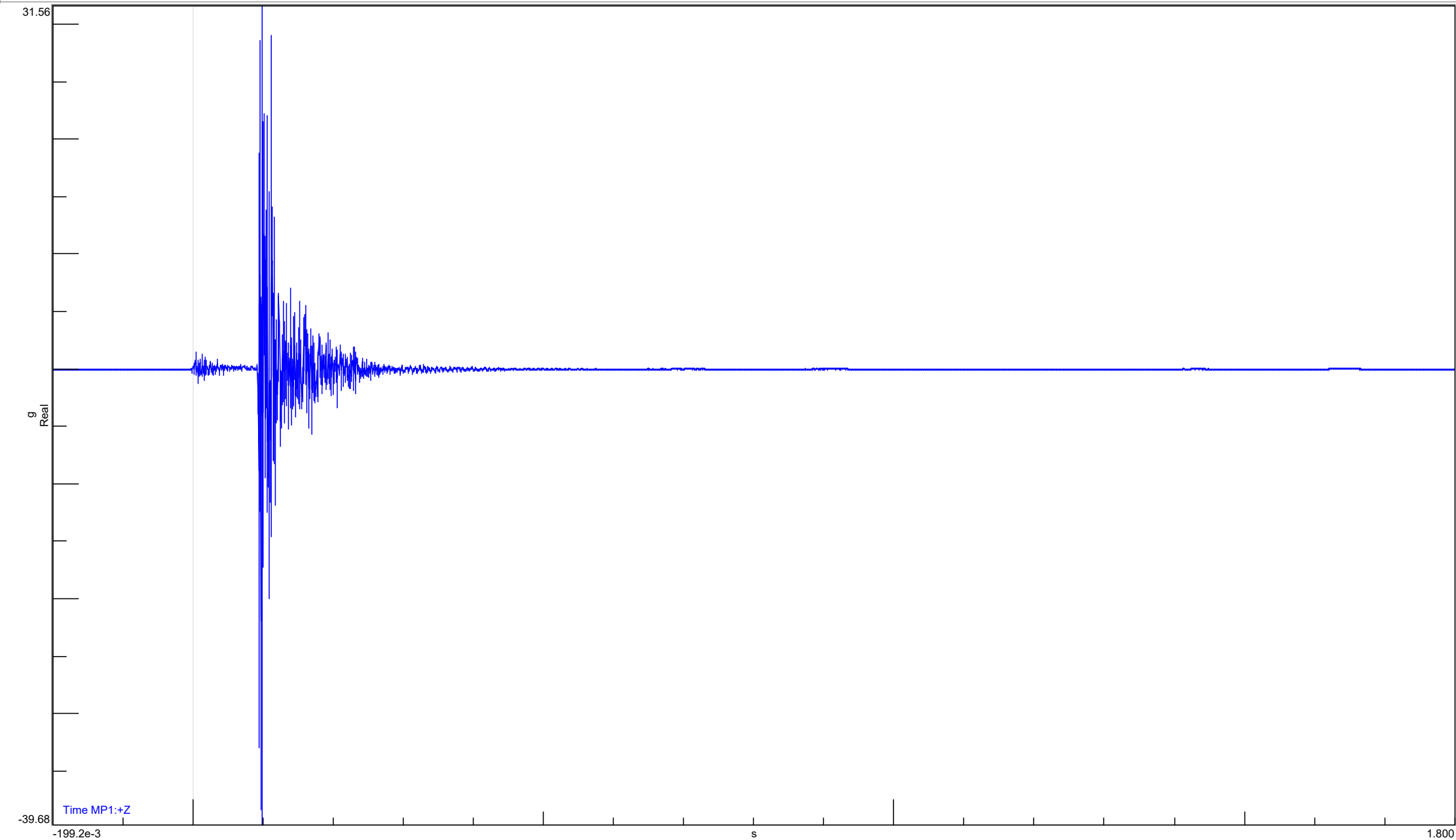


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13

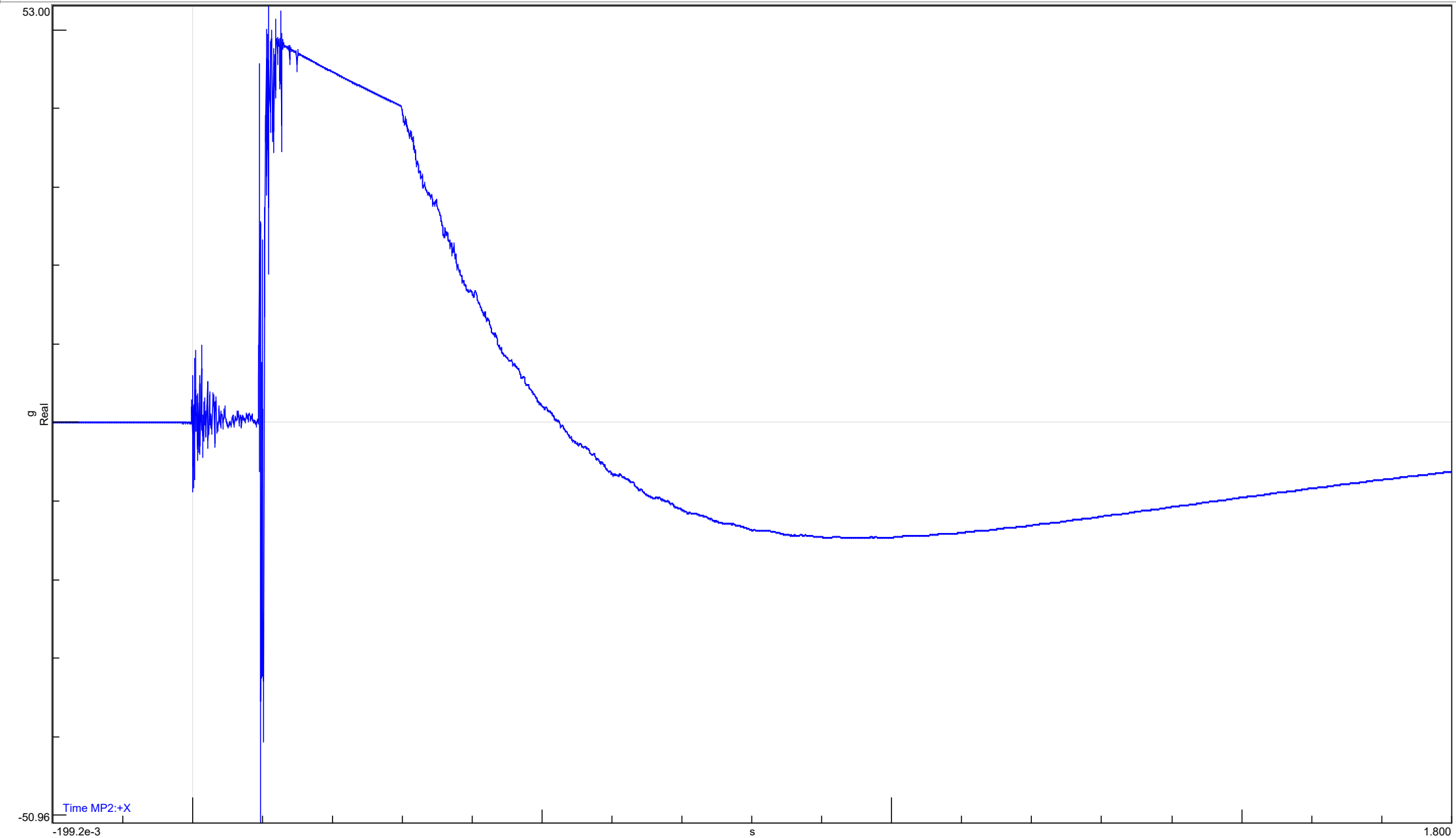


Trace identification : Time MP1:+Z



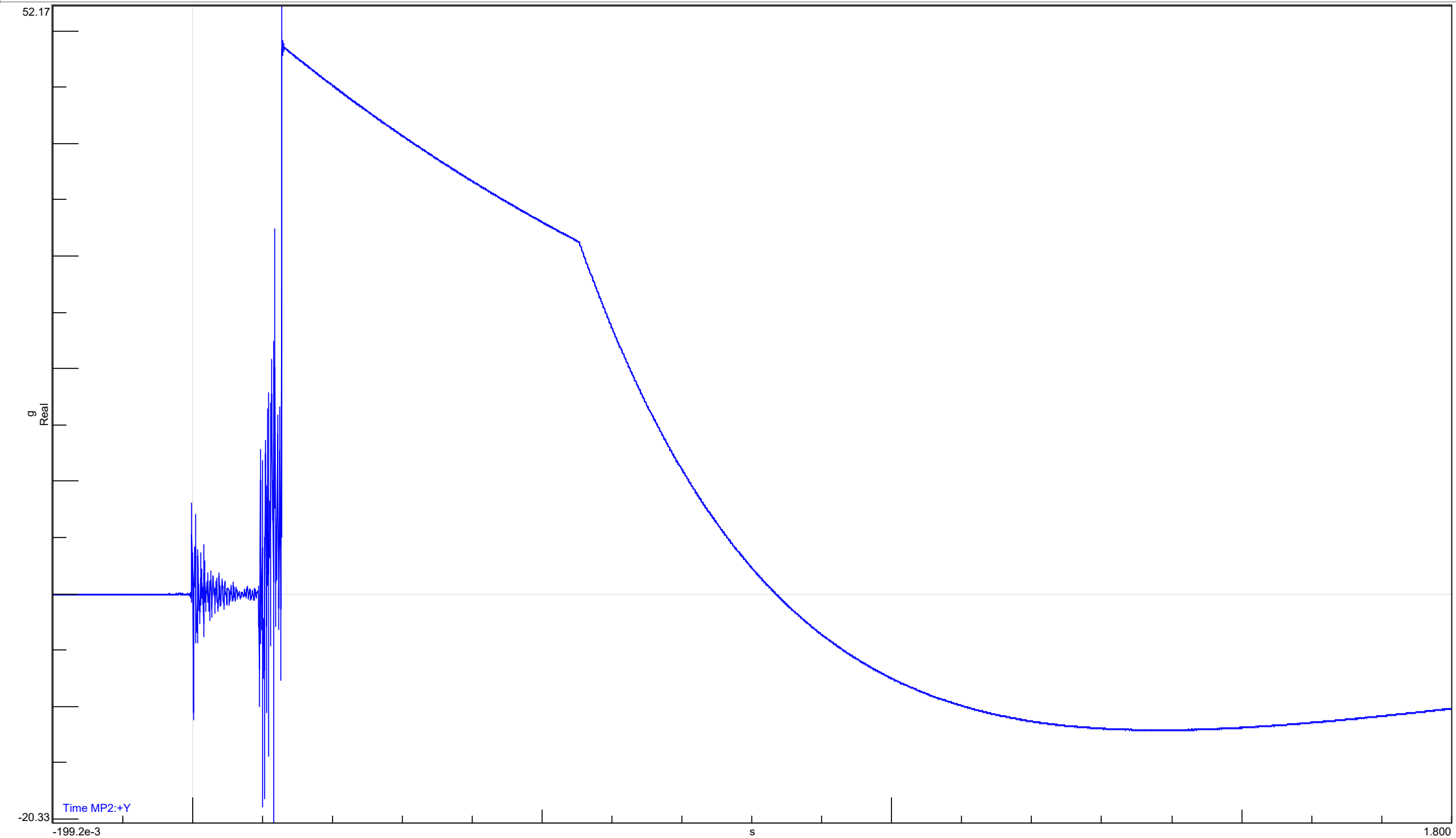


Trace identification : Time MP2:+X





Trace identification : Time MP2:+Y



Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

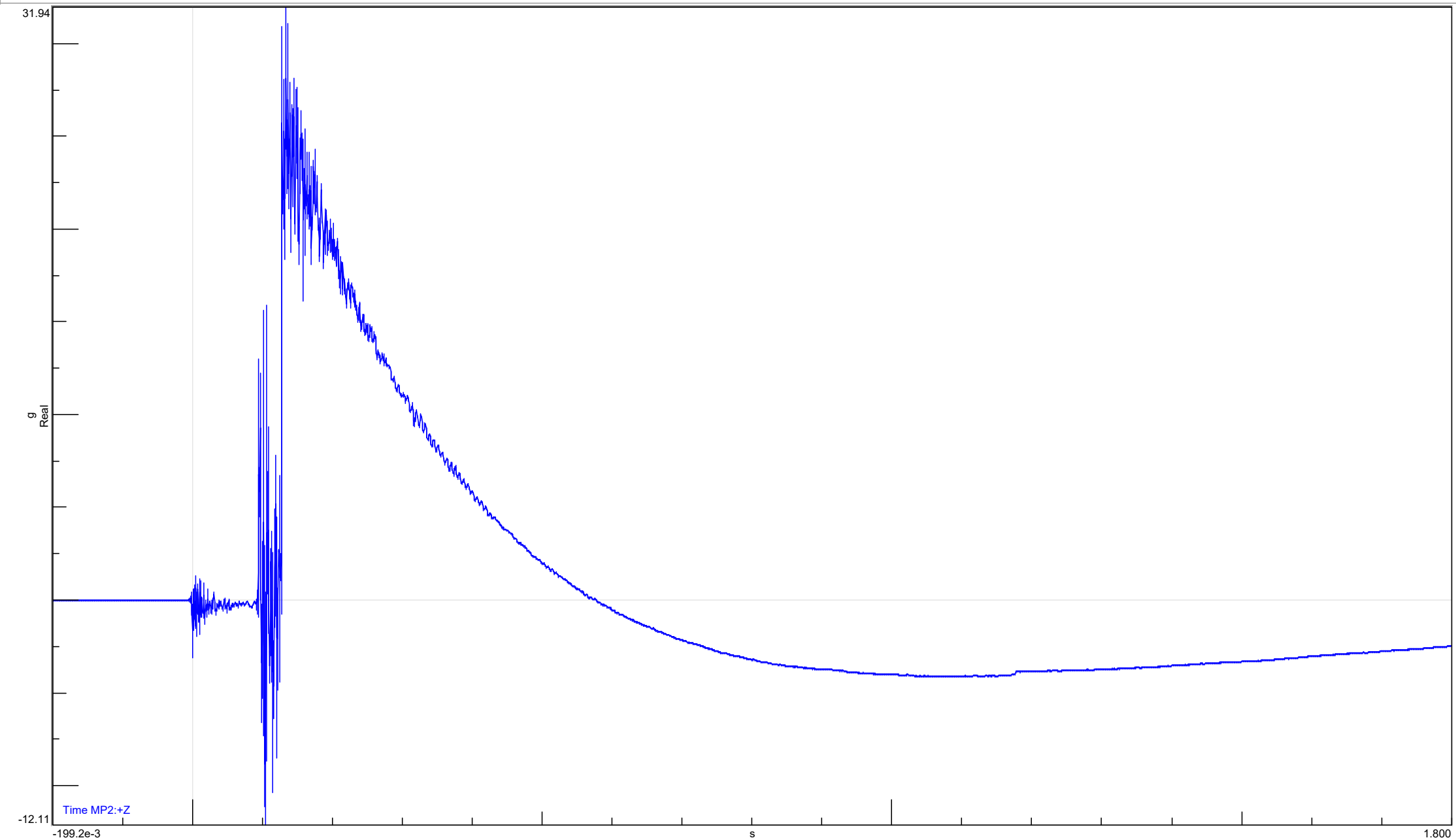
Section : Gancio - Asse X Radiale (Gancio)

Time : 15:30:13

Run : 5 cm - Ottone



Trace identification : Time MP2:+Z



Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

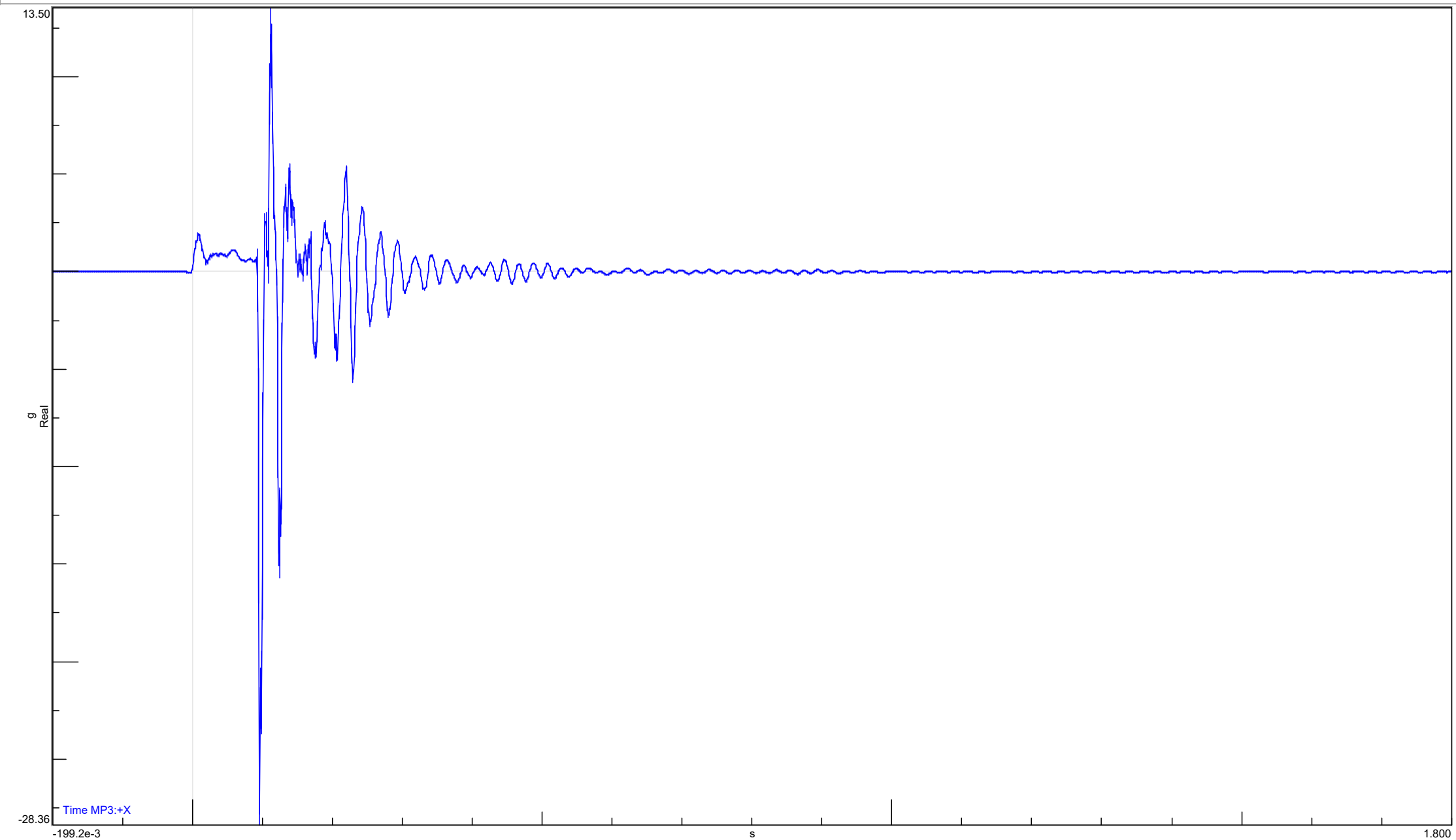
Section : Gancio - Asse X Radiale (Gancio)

Time : 15:30:13

Run : 5 cm - Ottone

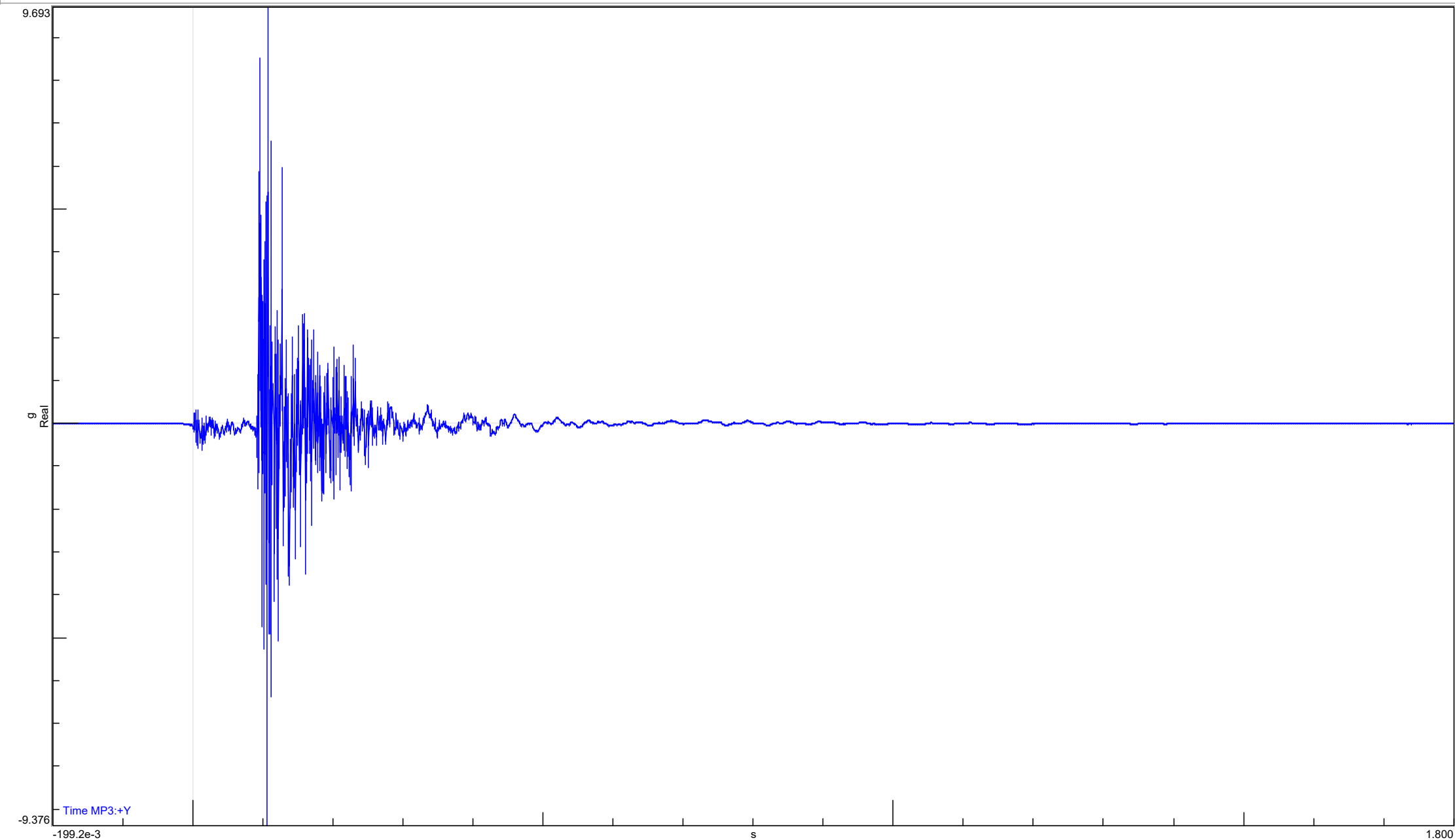


Trace identification : Time MP3:+X





Trace identification : Time MP3:+Y

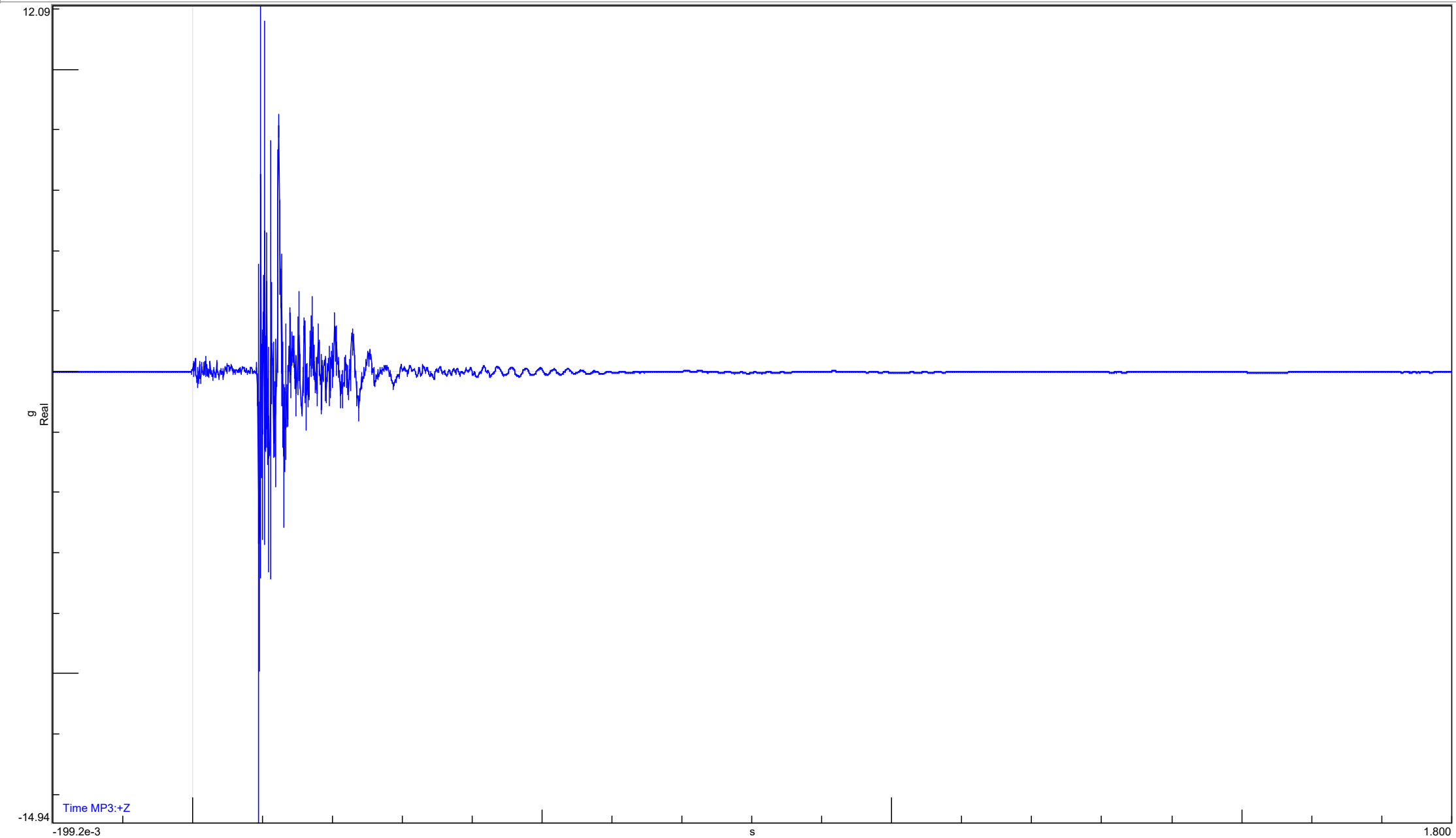


Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13



Trace identification : Time MP3:+Z

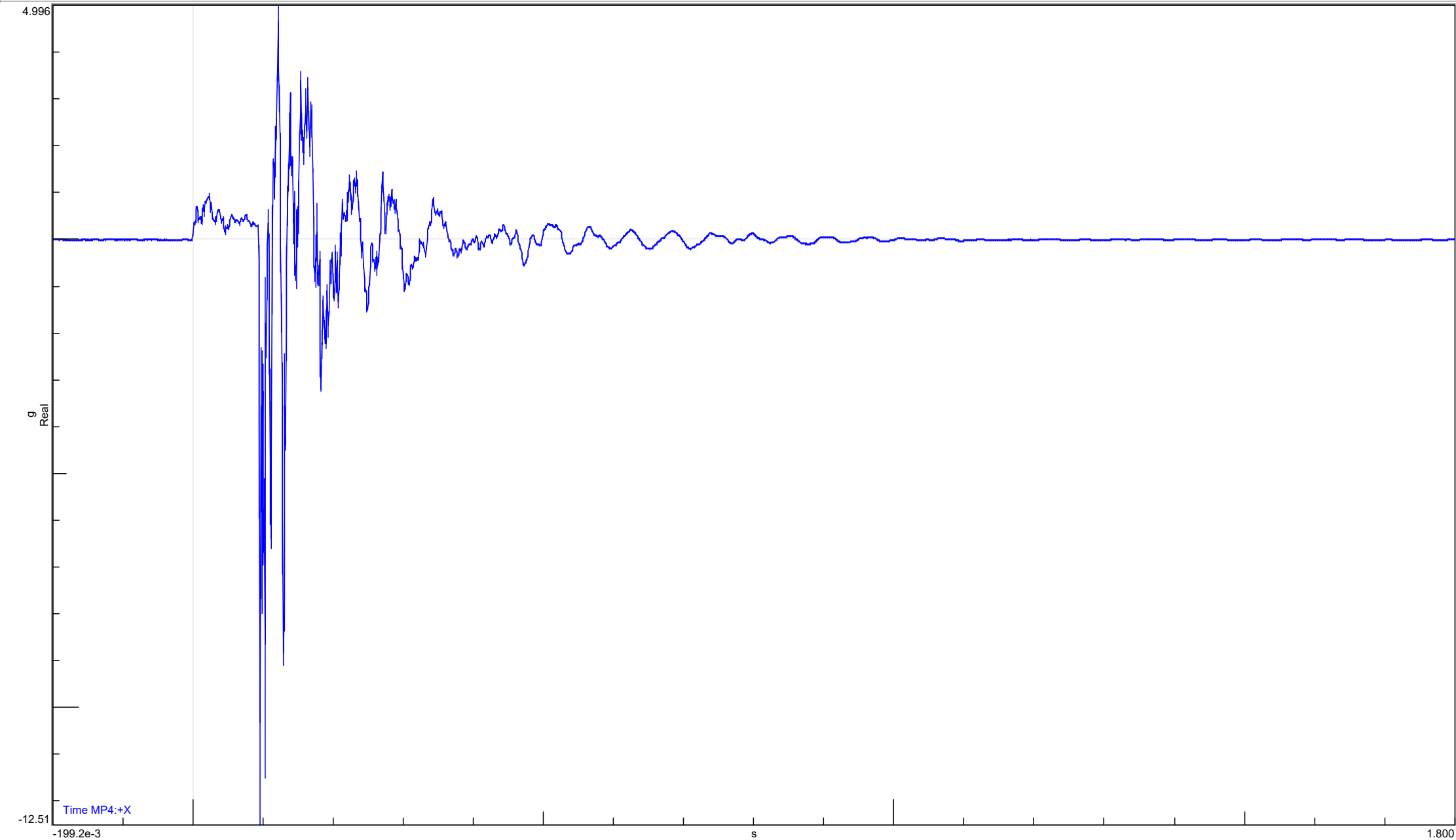


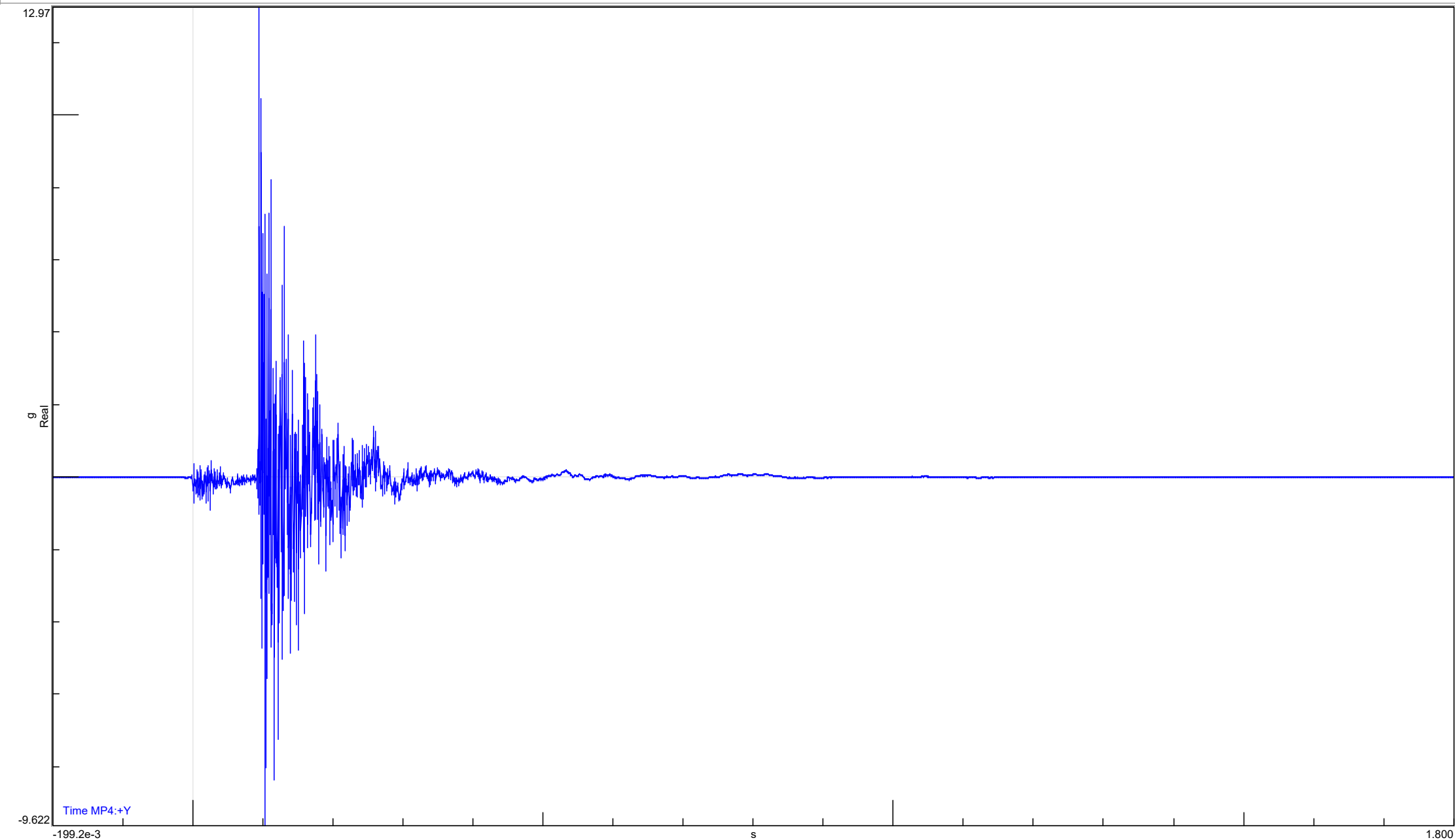
Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:13



Trace identification : Time MP4:+X



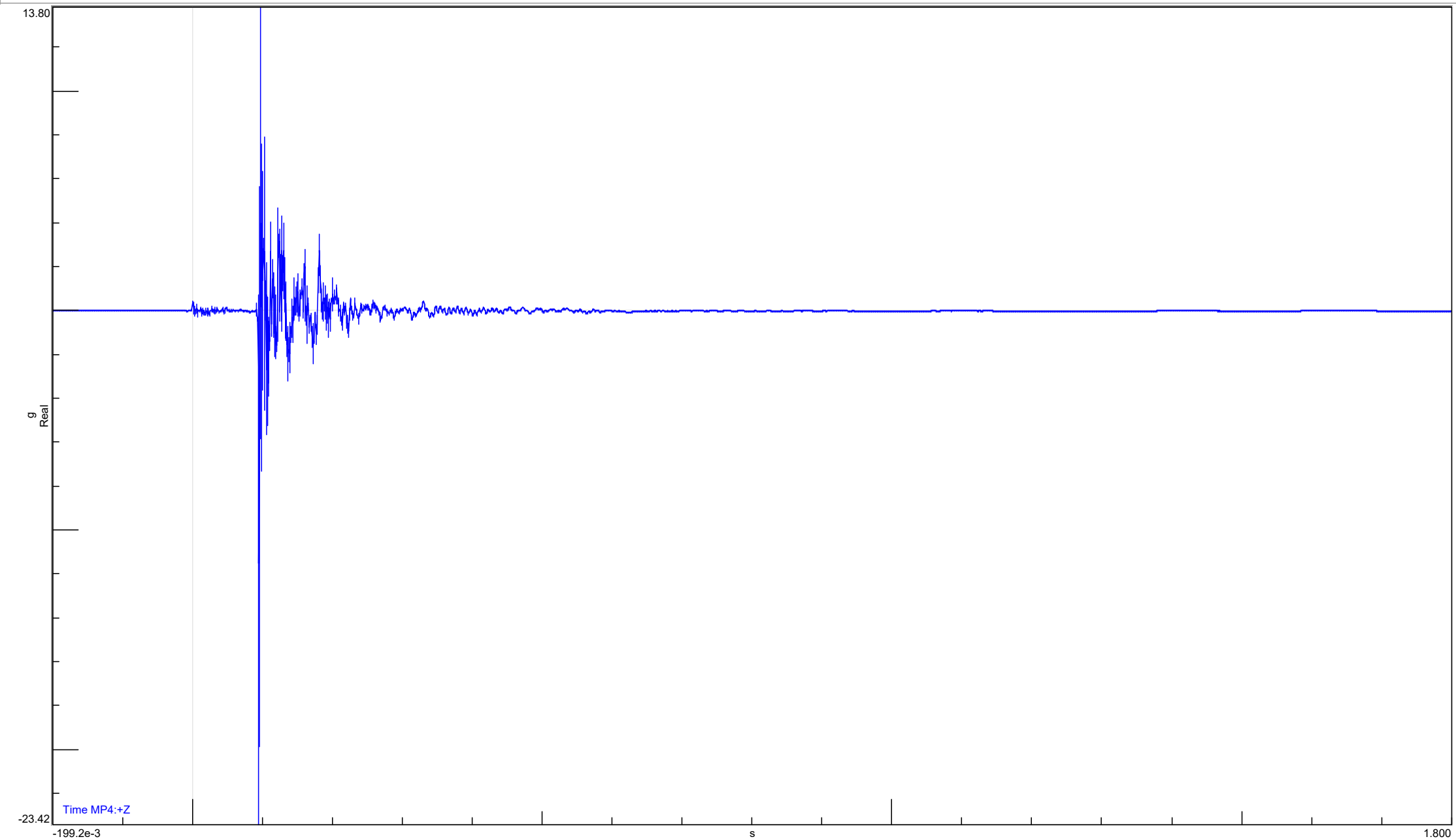


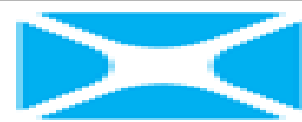
Project : DROP TEST_INFN_BES_III
 Section : Gancio - Asse X Radiale (Gancio)
 Run : 5 cm - Ottone

Date : Thu Sep 16 2021
 Time : 15:30:14

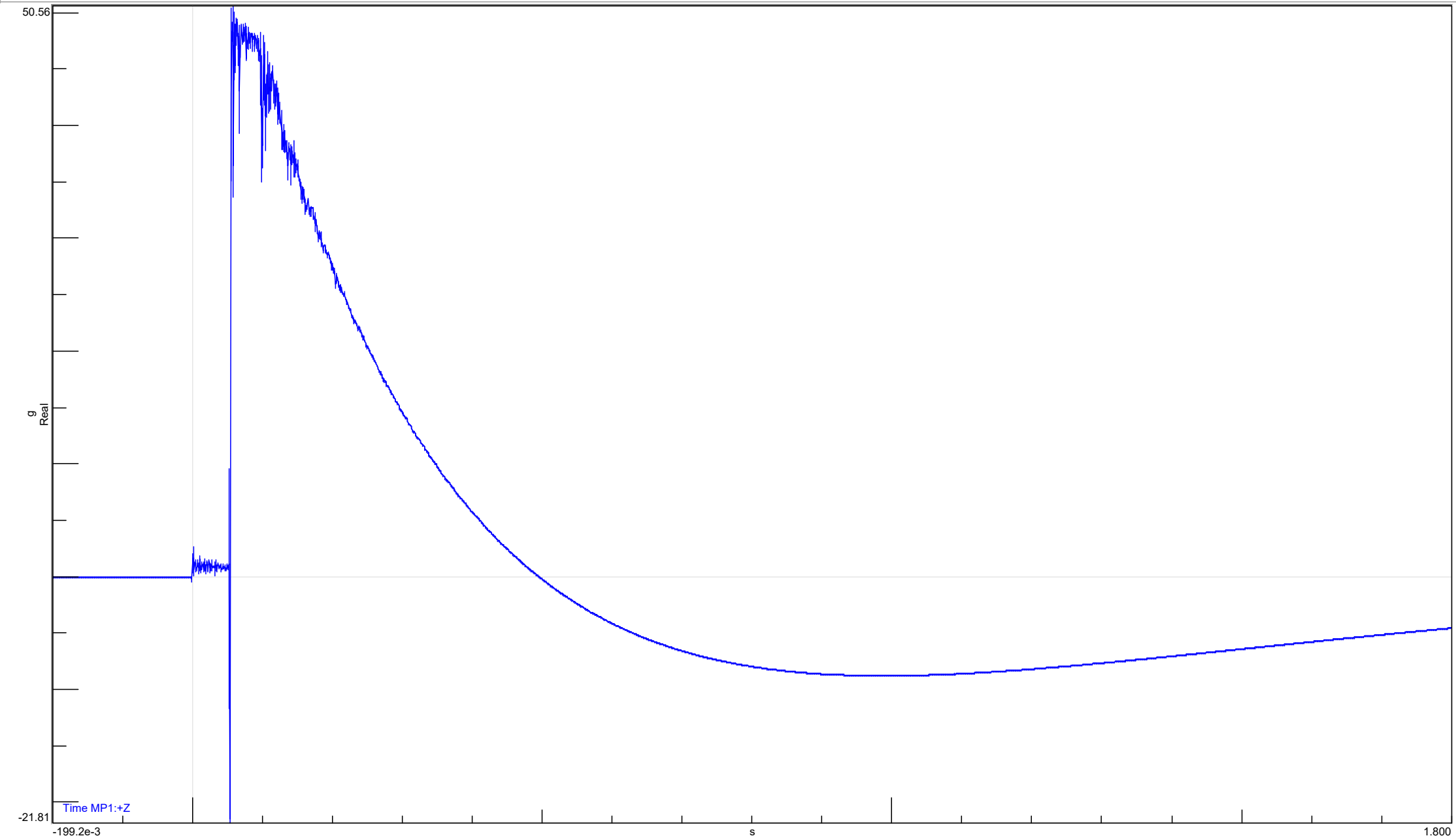


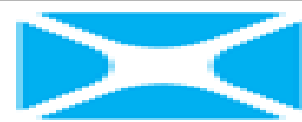
Trace identification : Time MP4:+Z



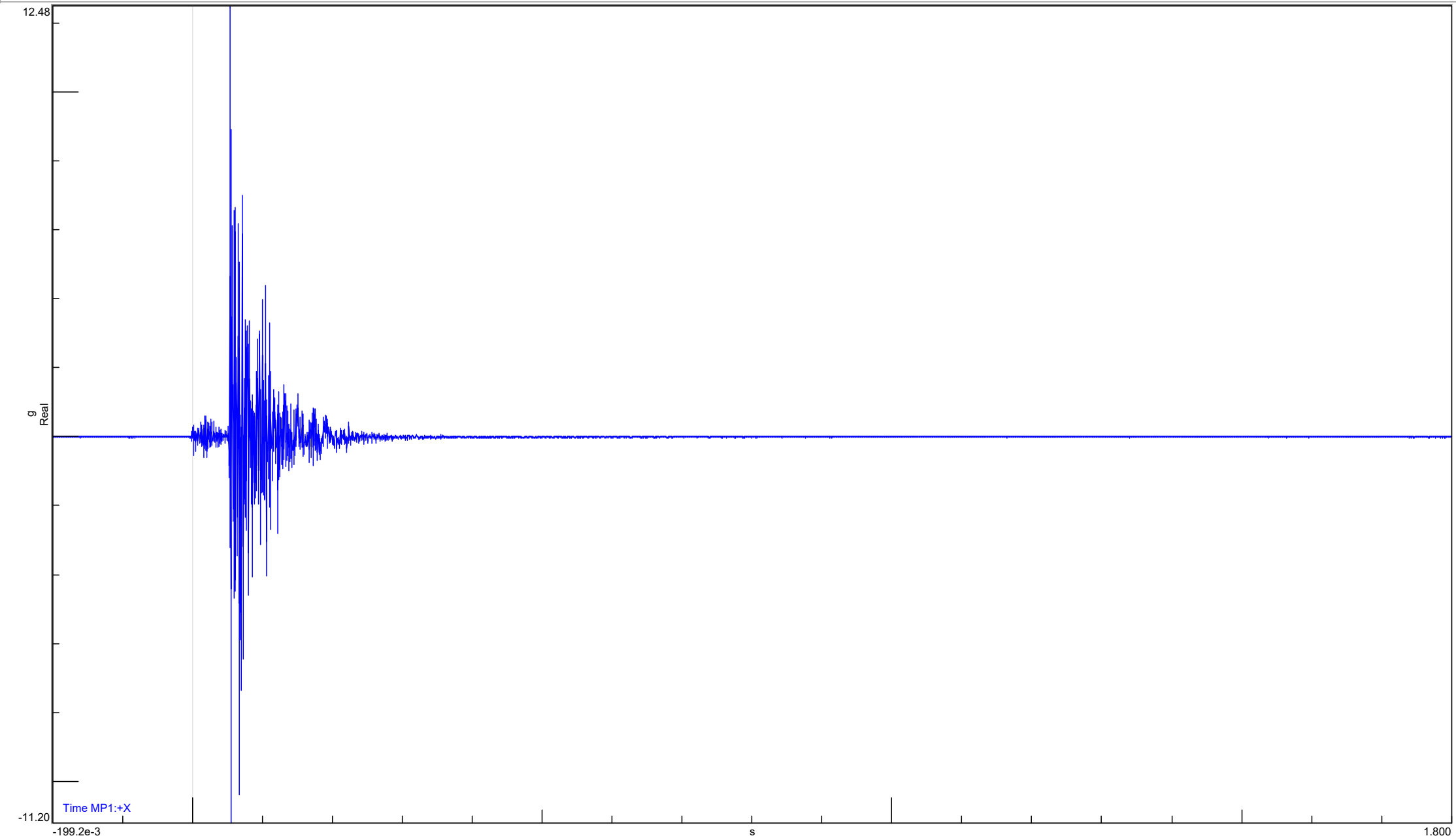


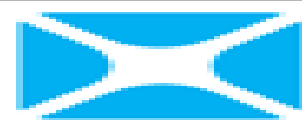
Trace identification : Time MP1:+Z



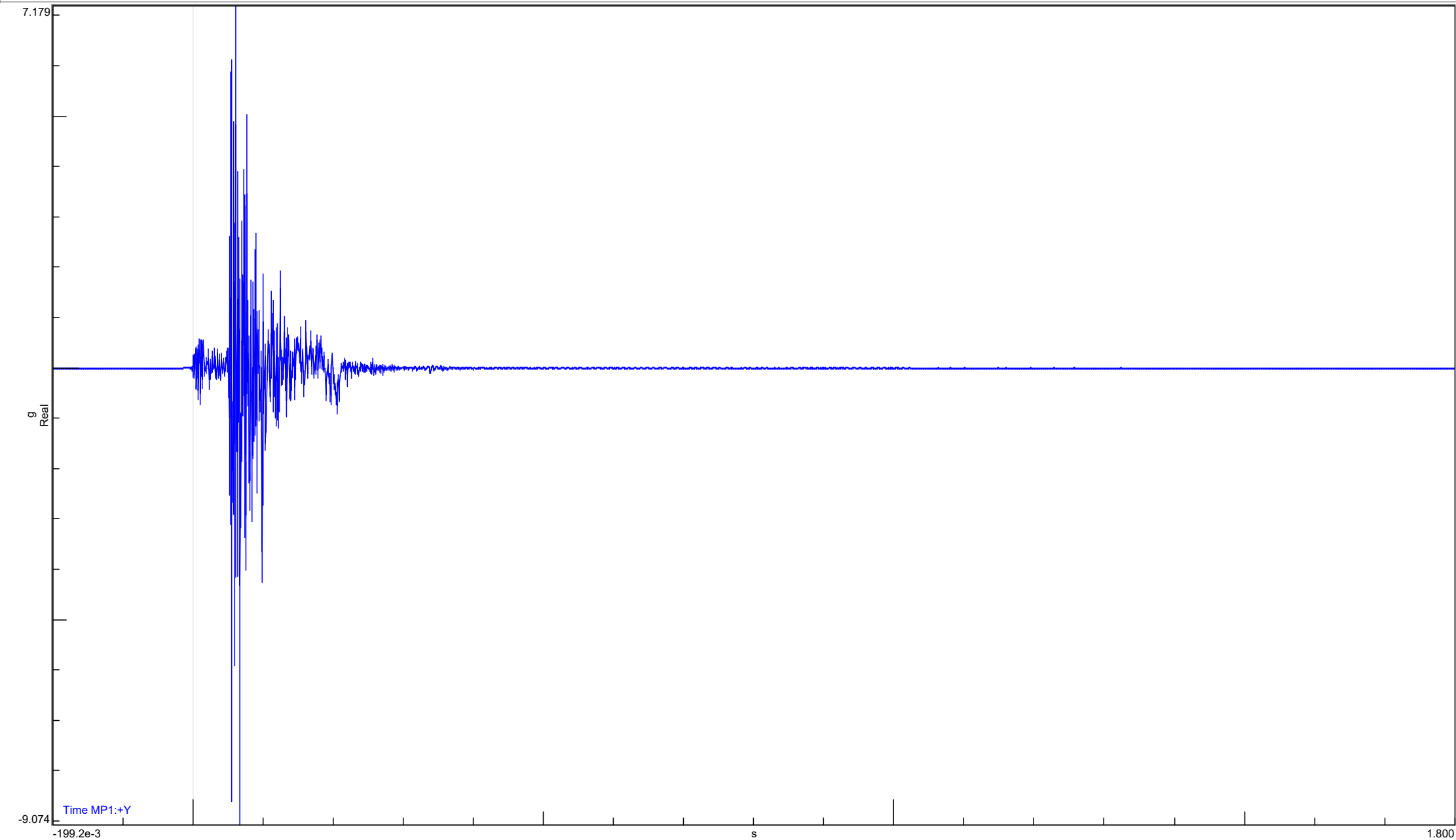


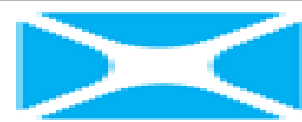
Trace identification : Time MP1:+X



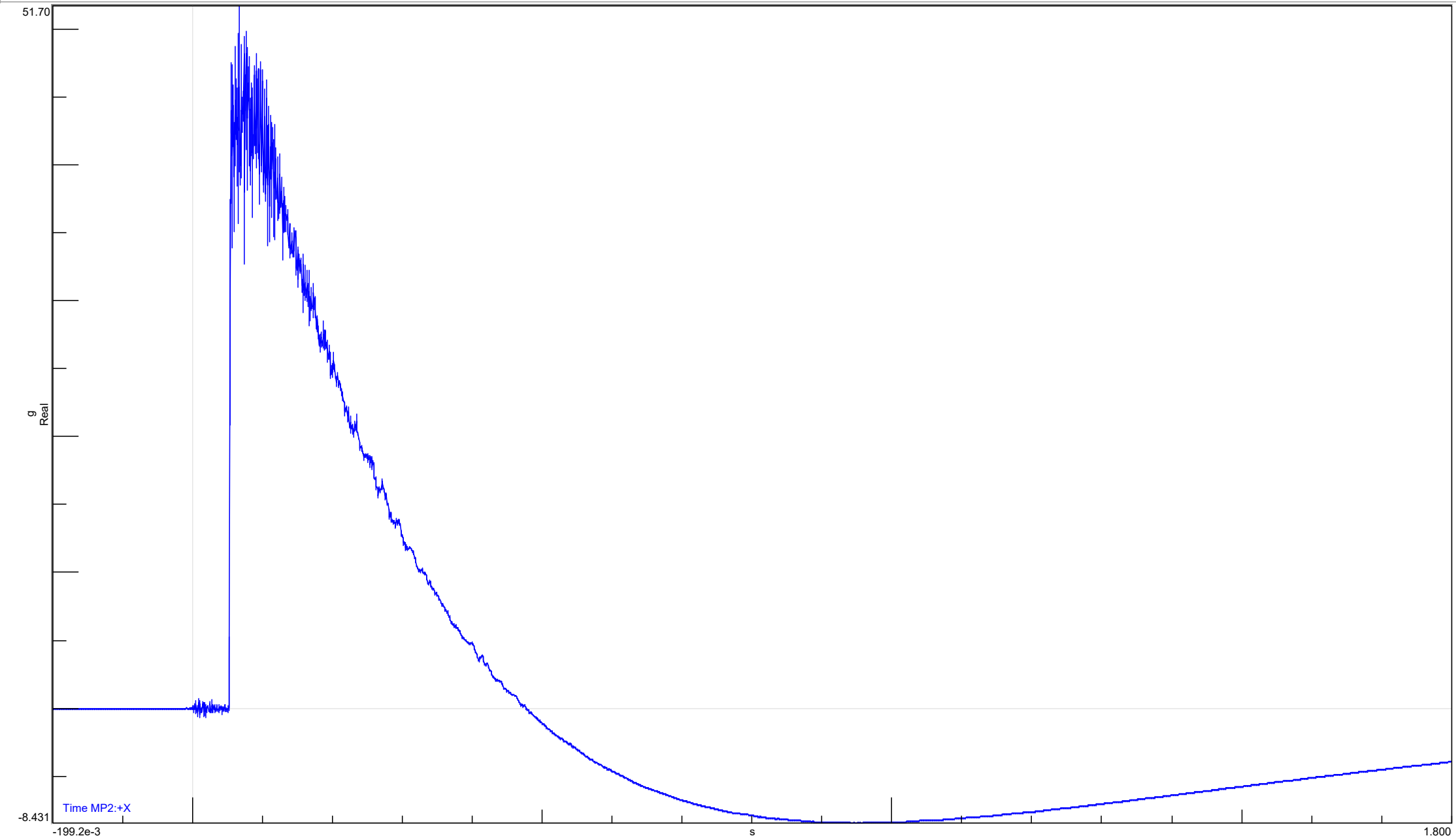


Trace identification : Time MP1:+Y



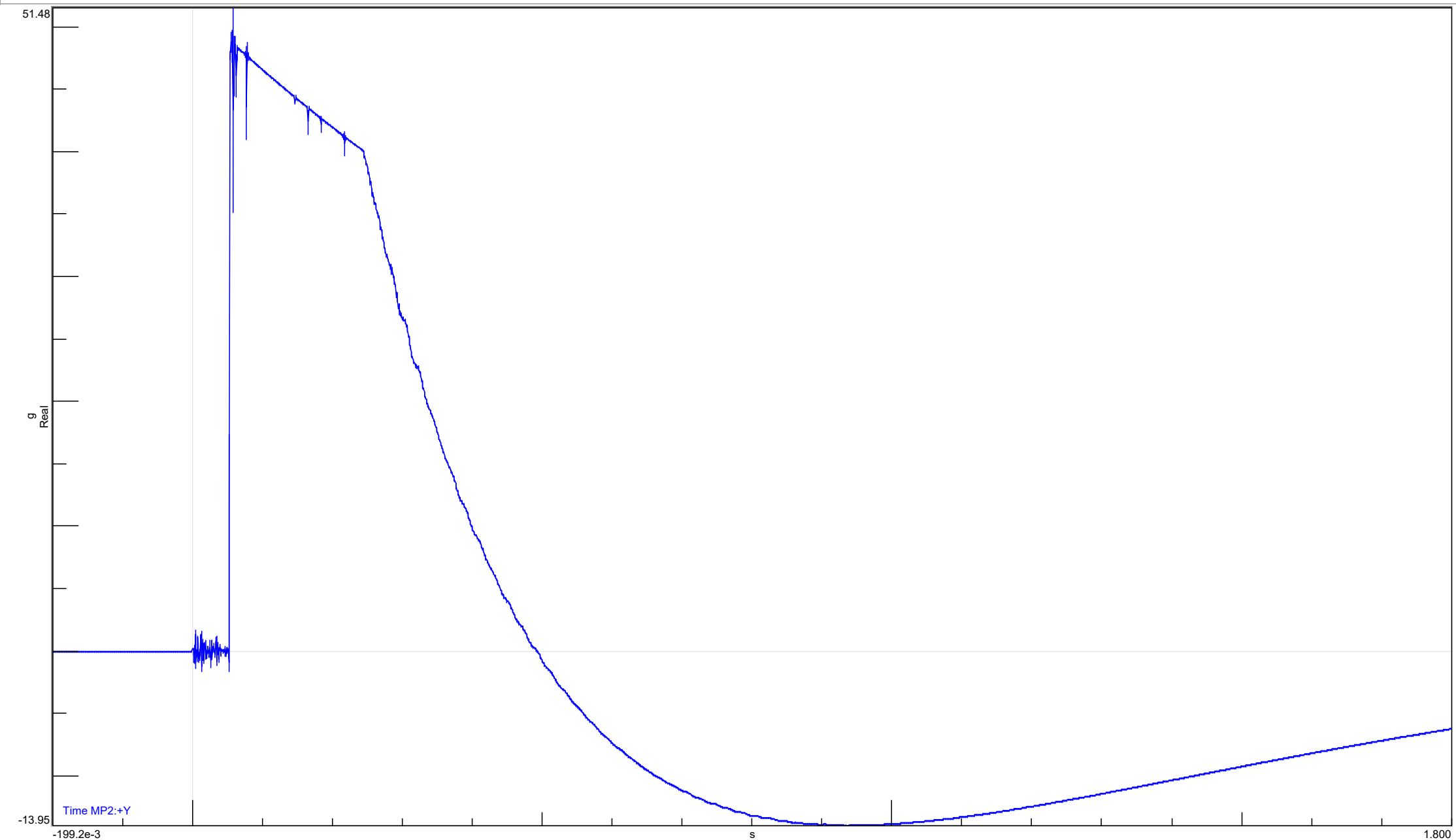


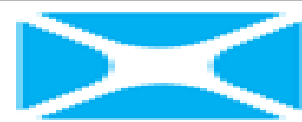
Trace identification : Time MP2:+X



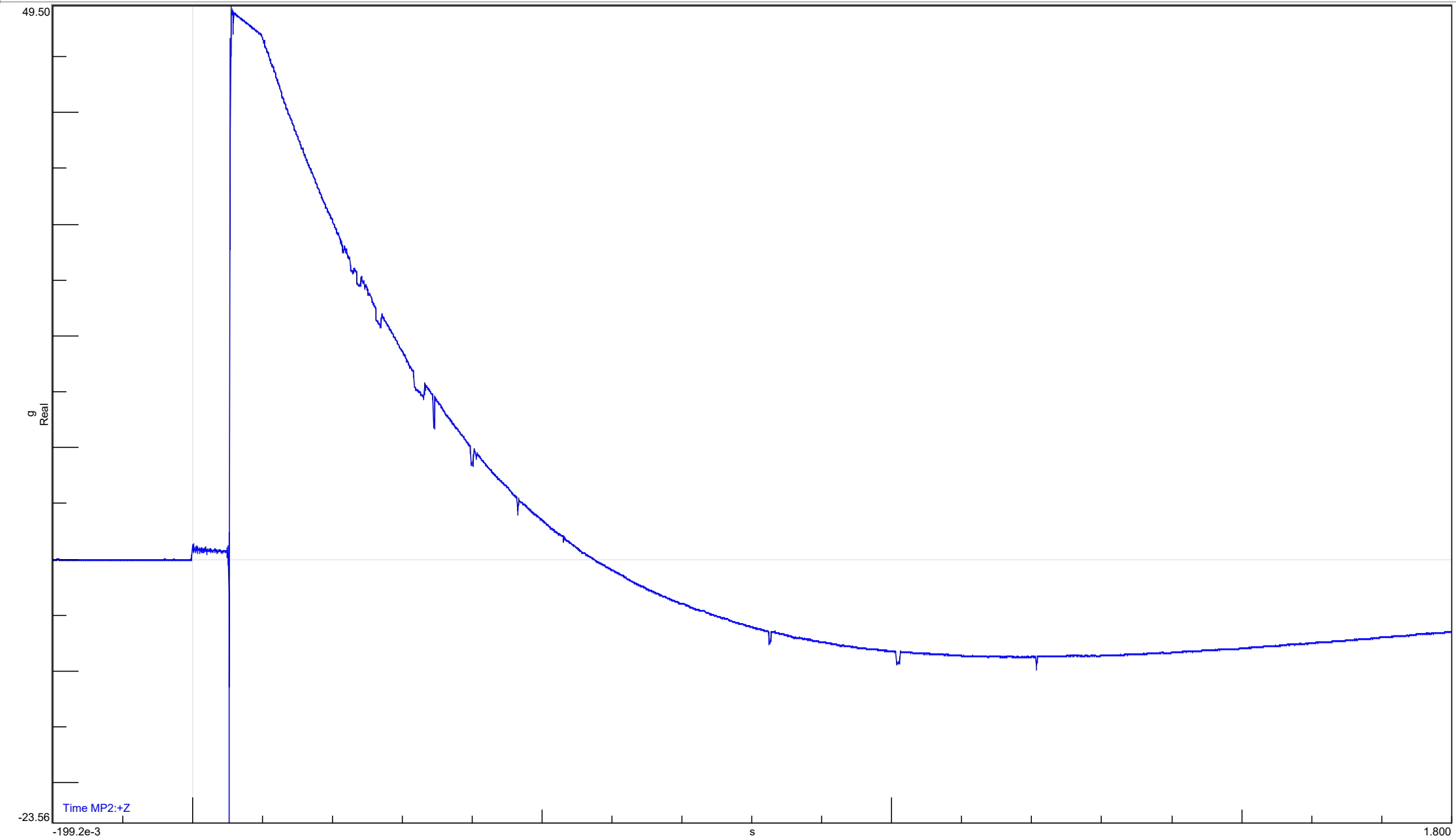


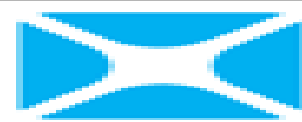
Trace identification : Time MP2:+Y



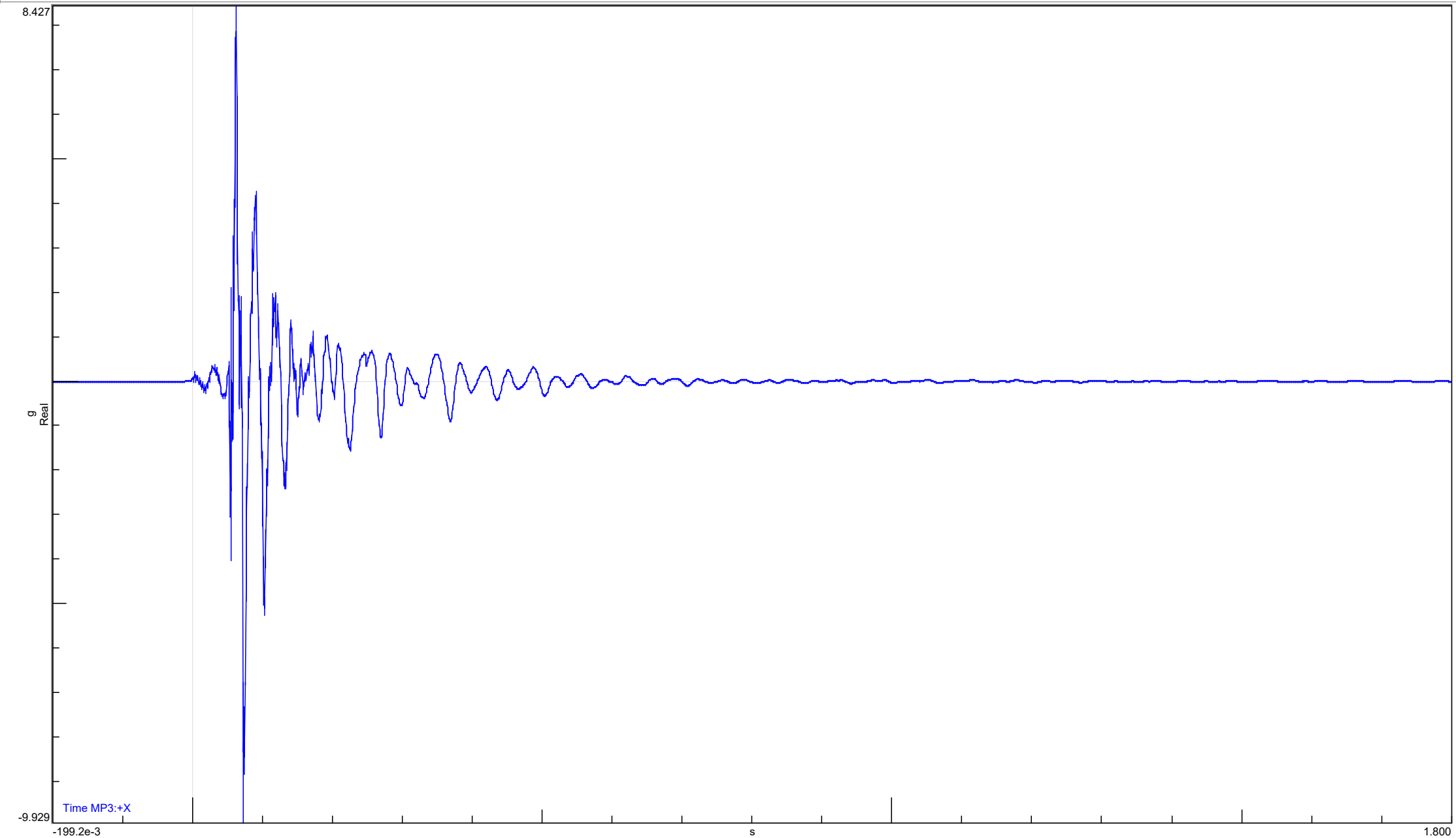


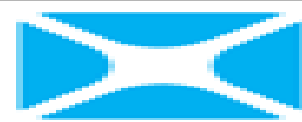
Trace identification : Time MP2:+Z



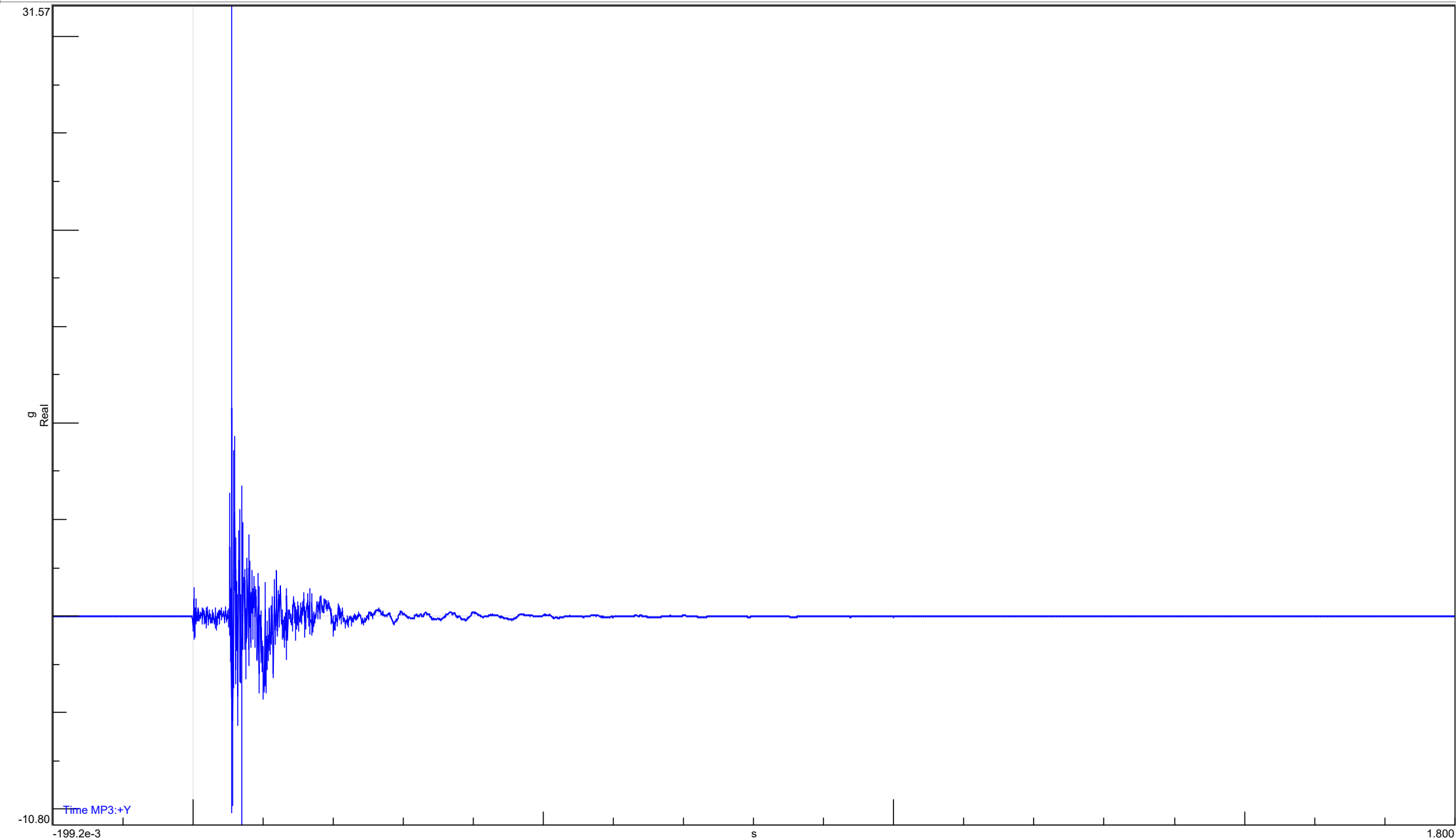


Trace identification : Time MP3:+X





Trace identification : Time MP3:+Y



Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

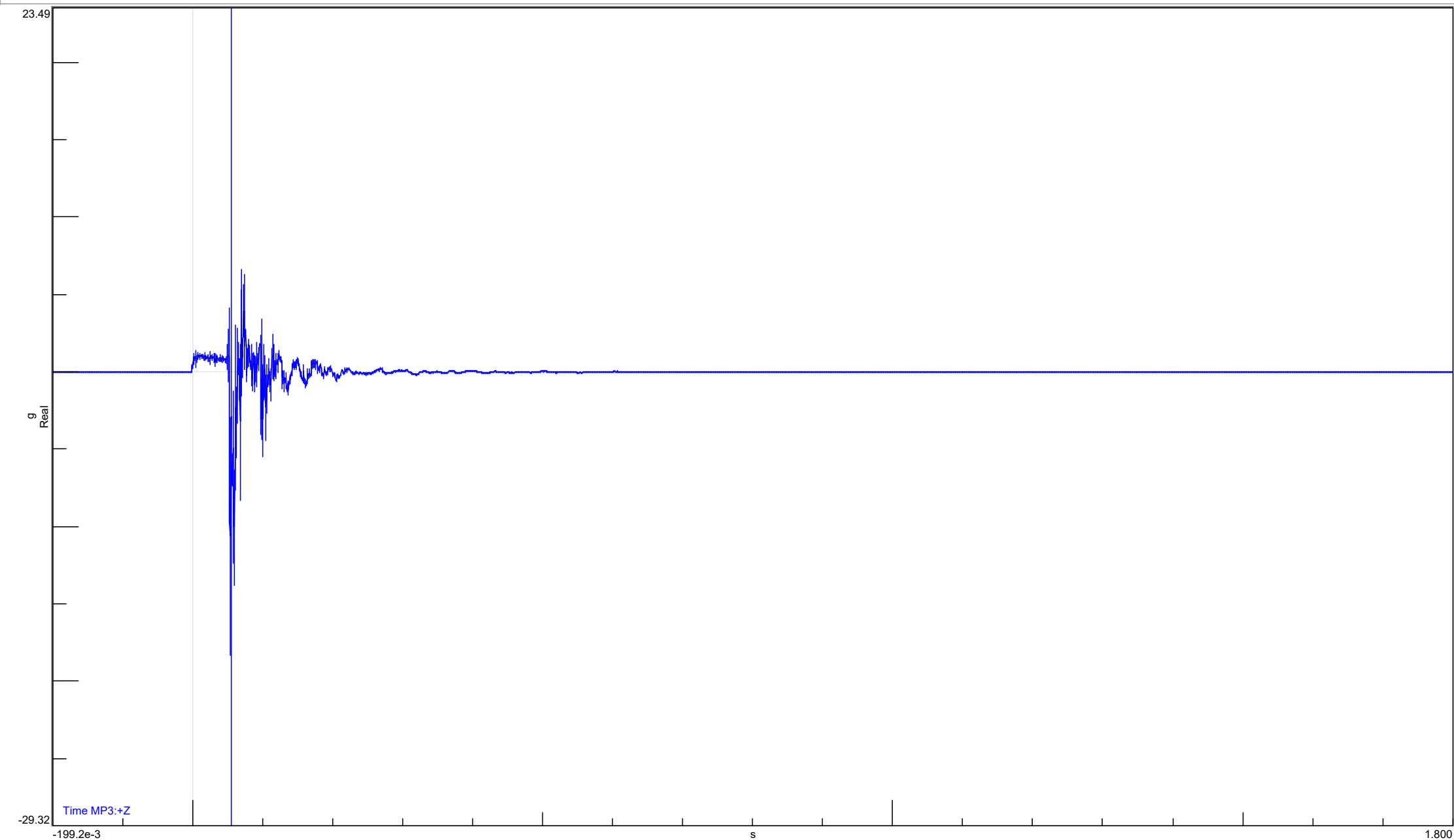
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:47:07

Run : 1cm Pavimento



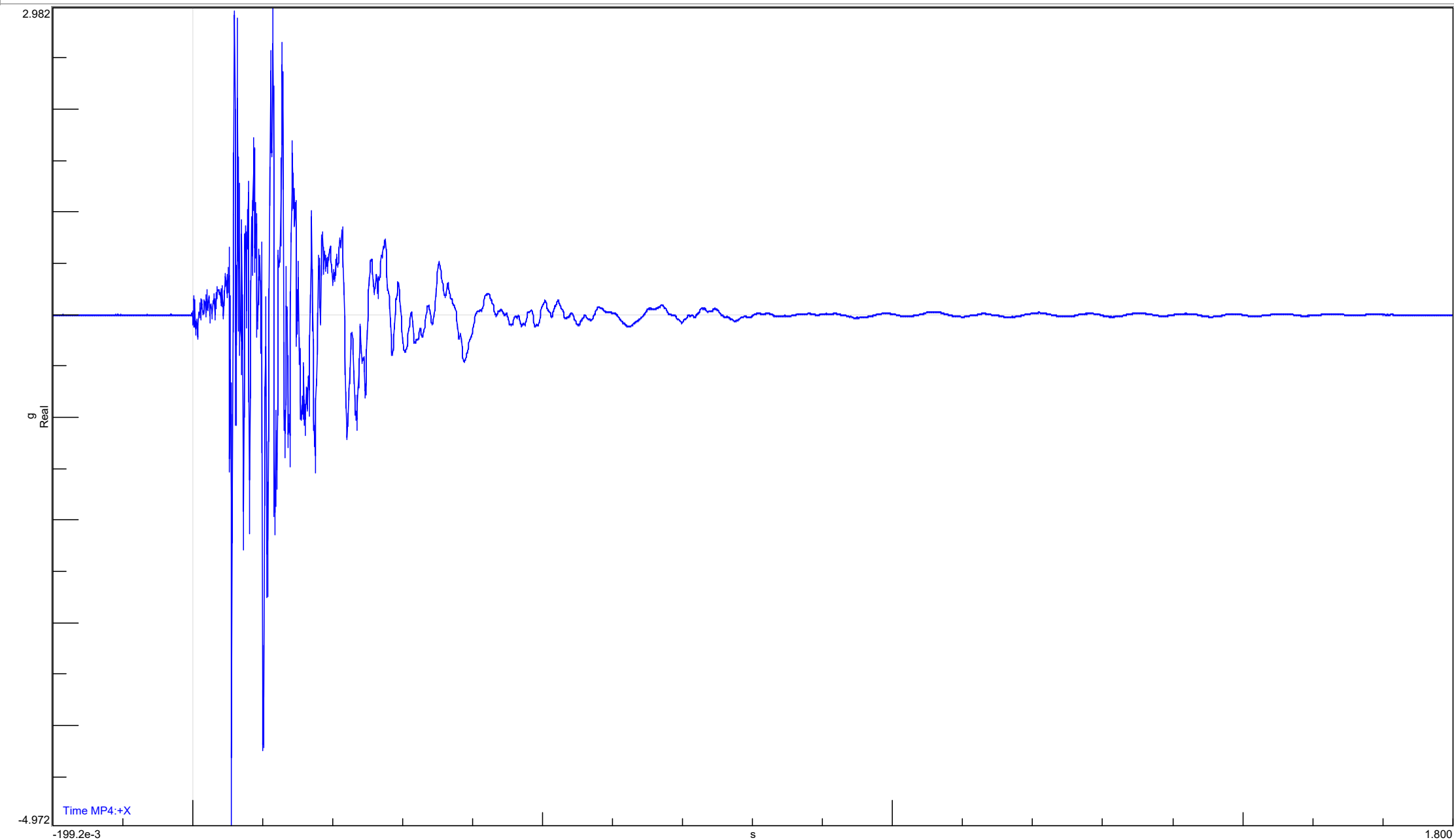
Trace identification : Time MP3:+Z



Memo

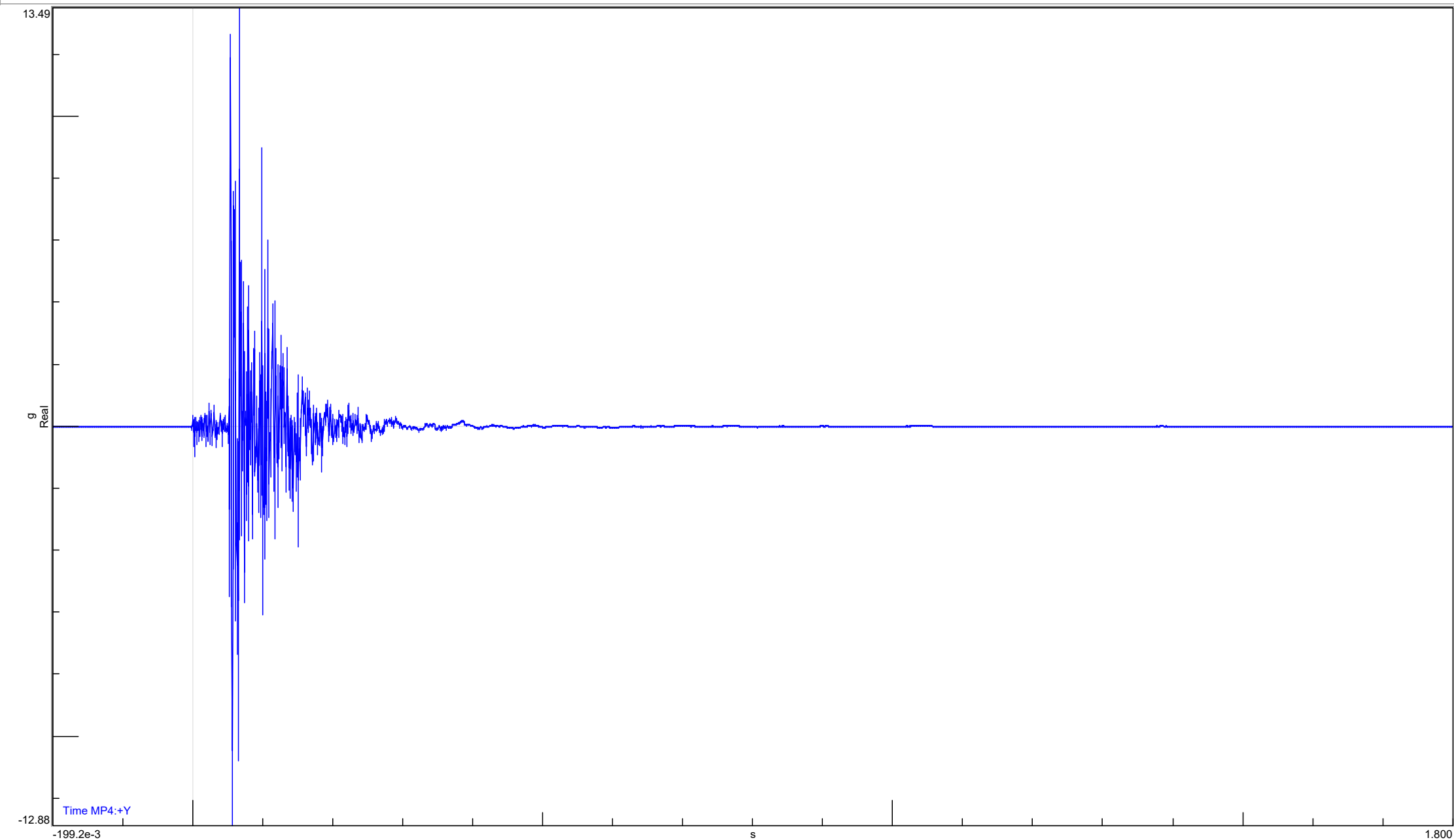


Trace identification : Time MP4:+X





Trace identification : Time MP4:+Y



Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

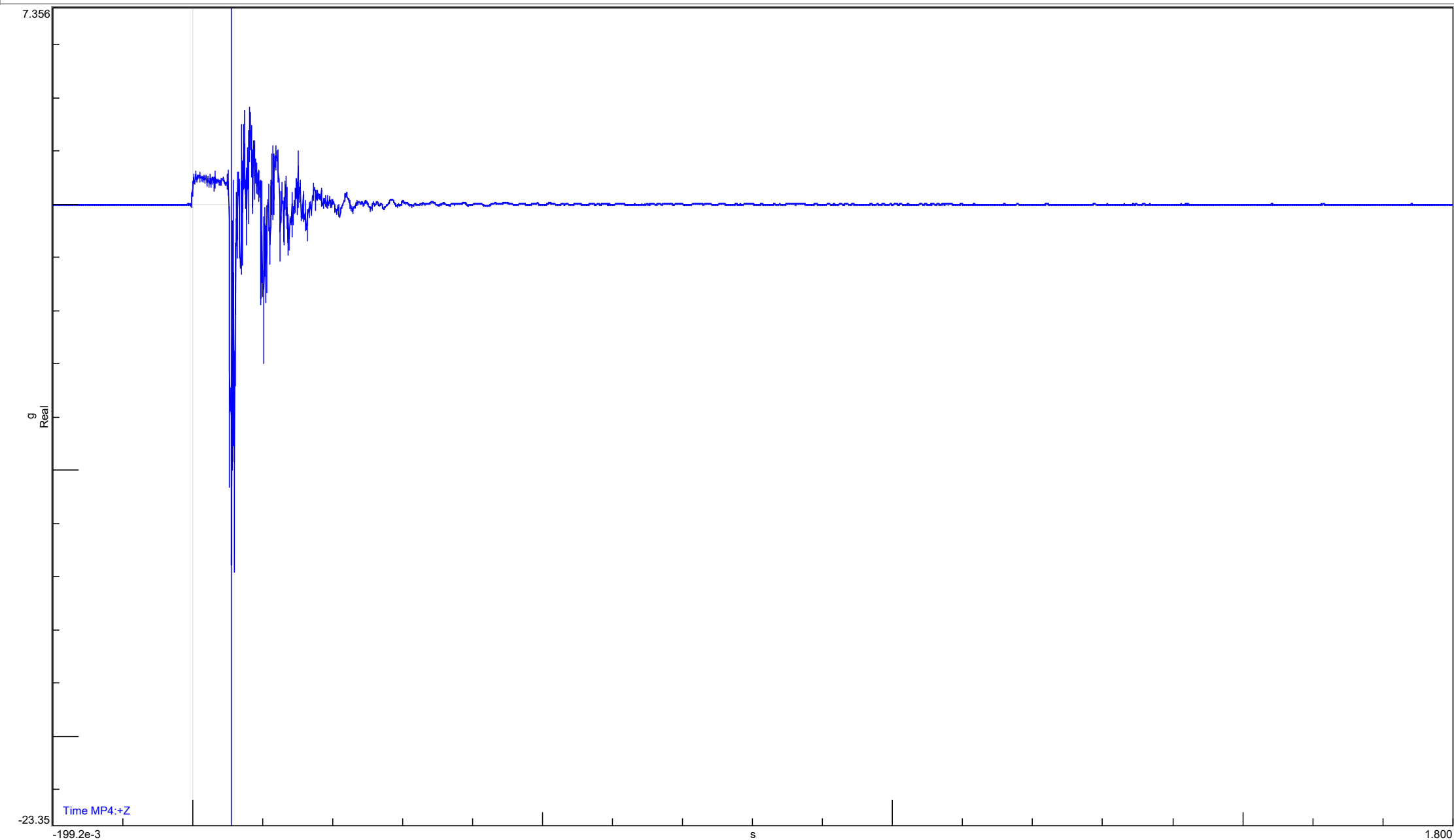
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:47:07

Run : 1cm Pavimento



Trace identification : Time MP4:+Z



Memo

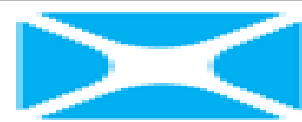
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

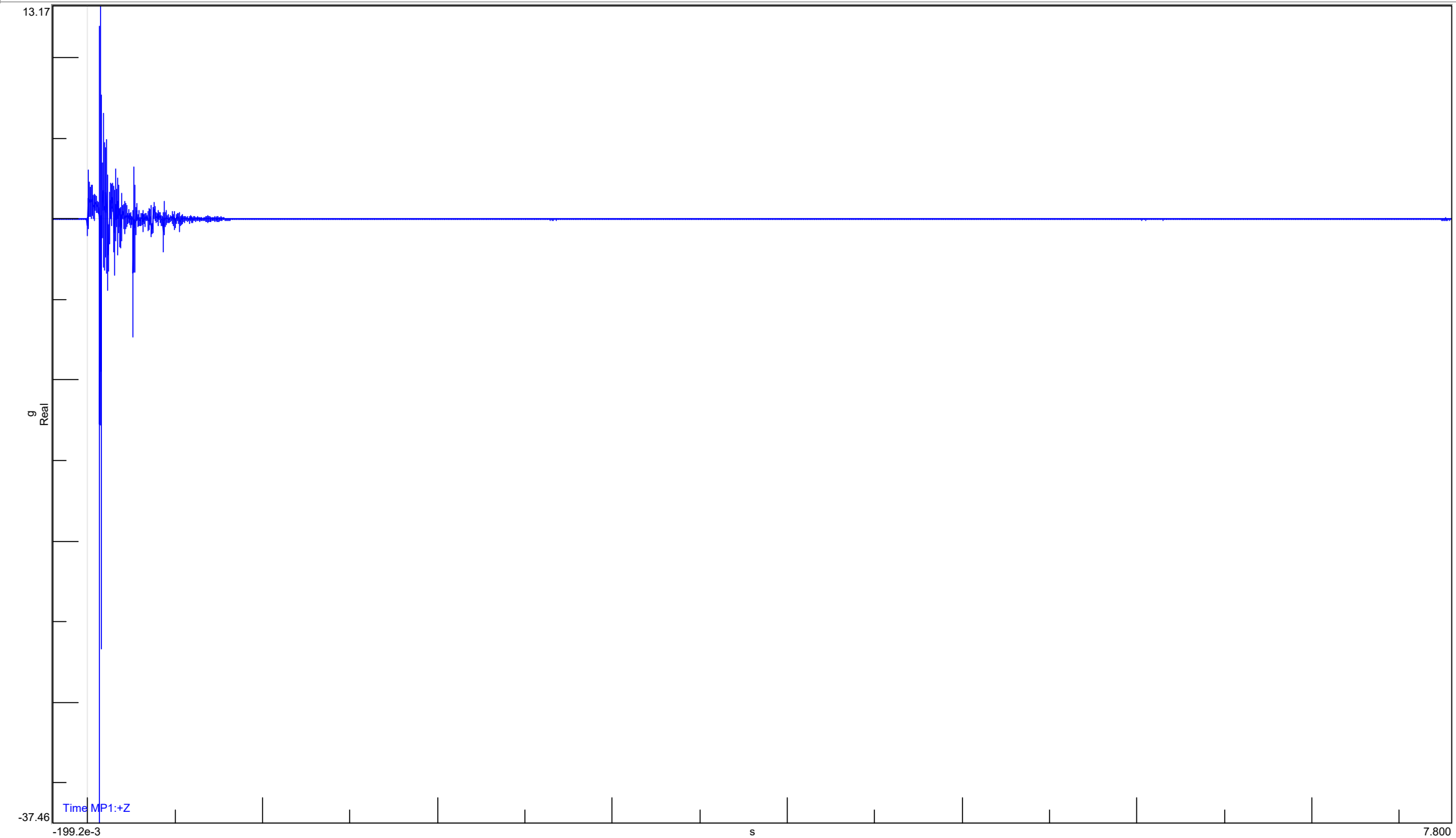
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:58

Run : 2cm Pavimento



Trace identification : Time MP1:+Z



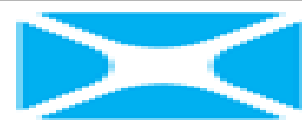
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

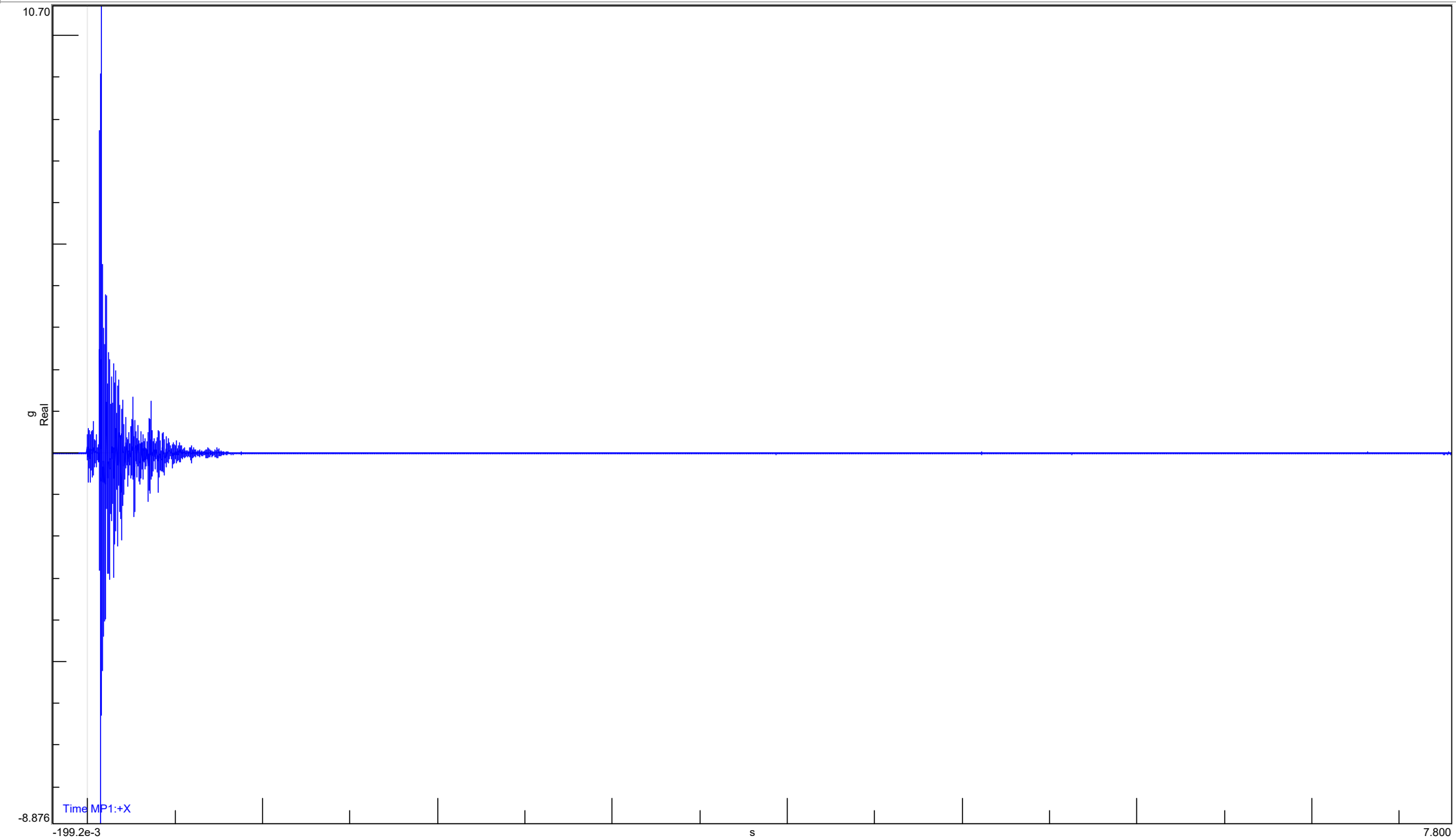
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:58

Run : 2cm Pavimento



Trace identification : Time MP1:+X



Memo

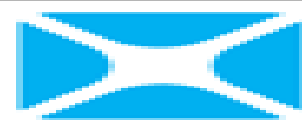
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

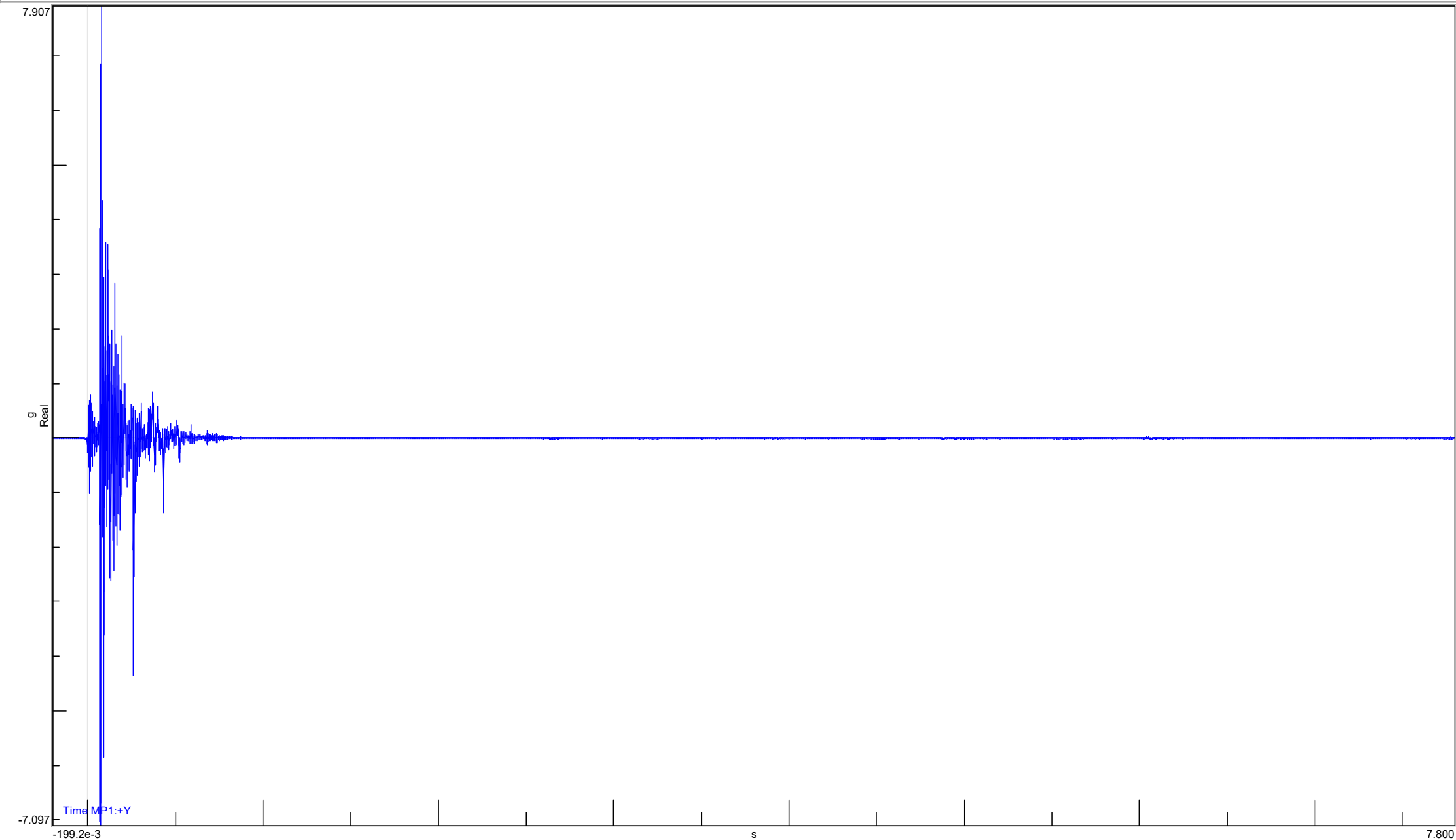
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:58

Run : 2cm Pavimento



Trace identification : Time MP1:+Y



Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

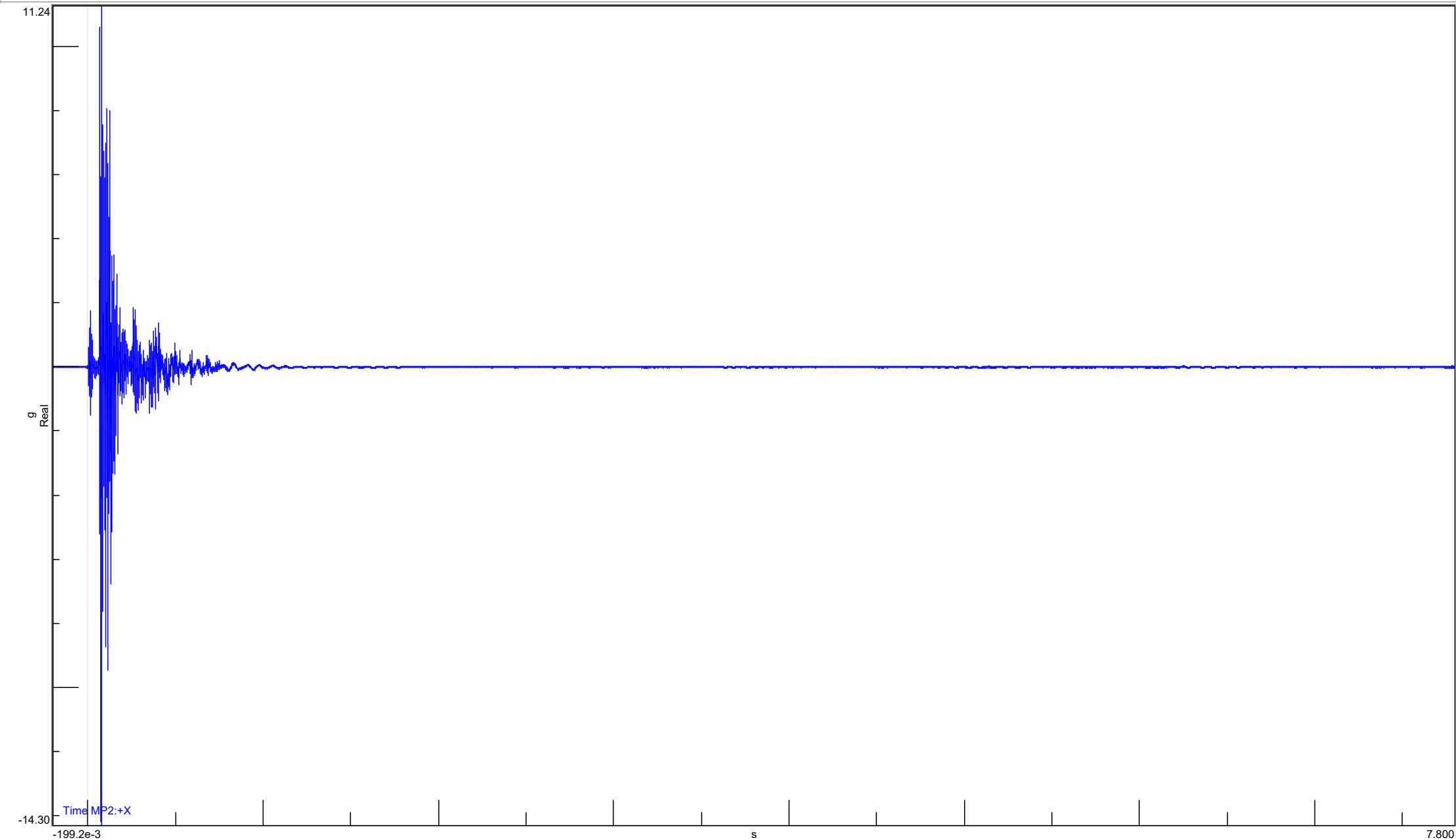
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

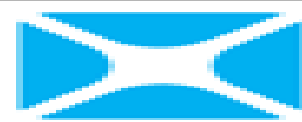
Time : 15:56:58

Run : 2cm Pavimento

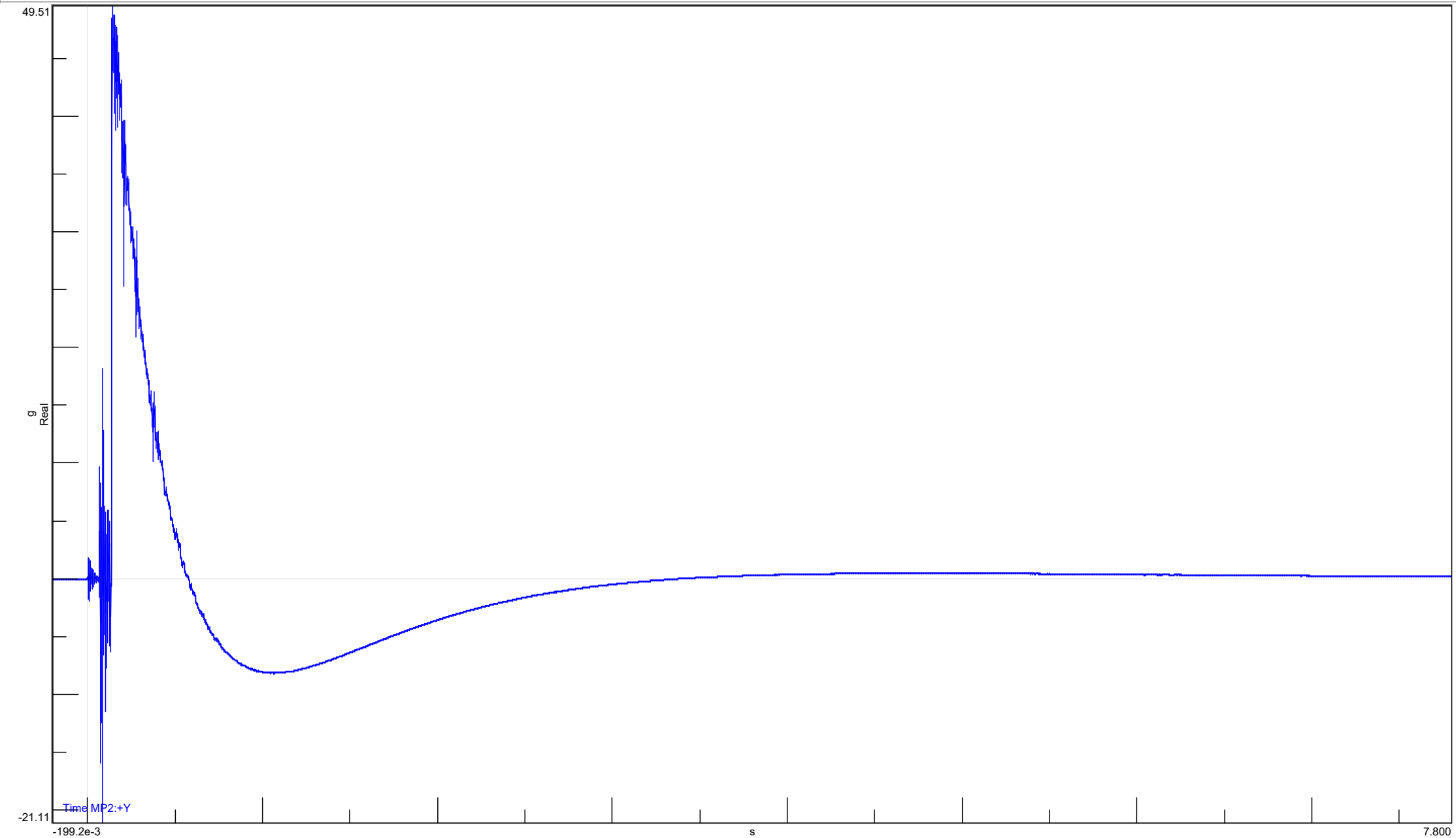


Trace identification : Time MP2:+X





Trace identification : Time MP2:+Y



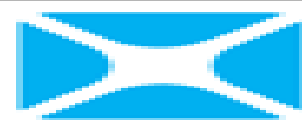
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

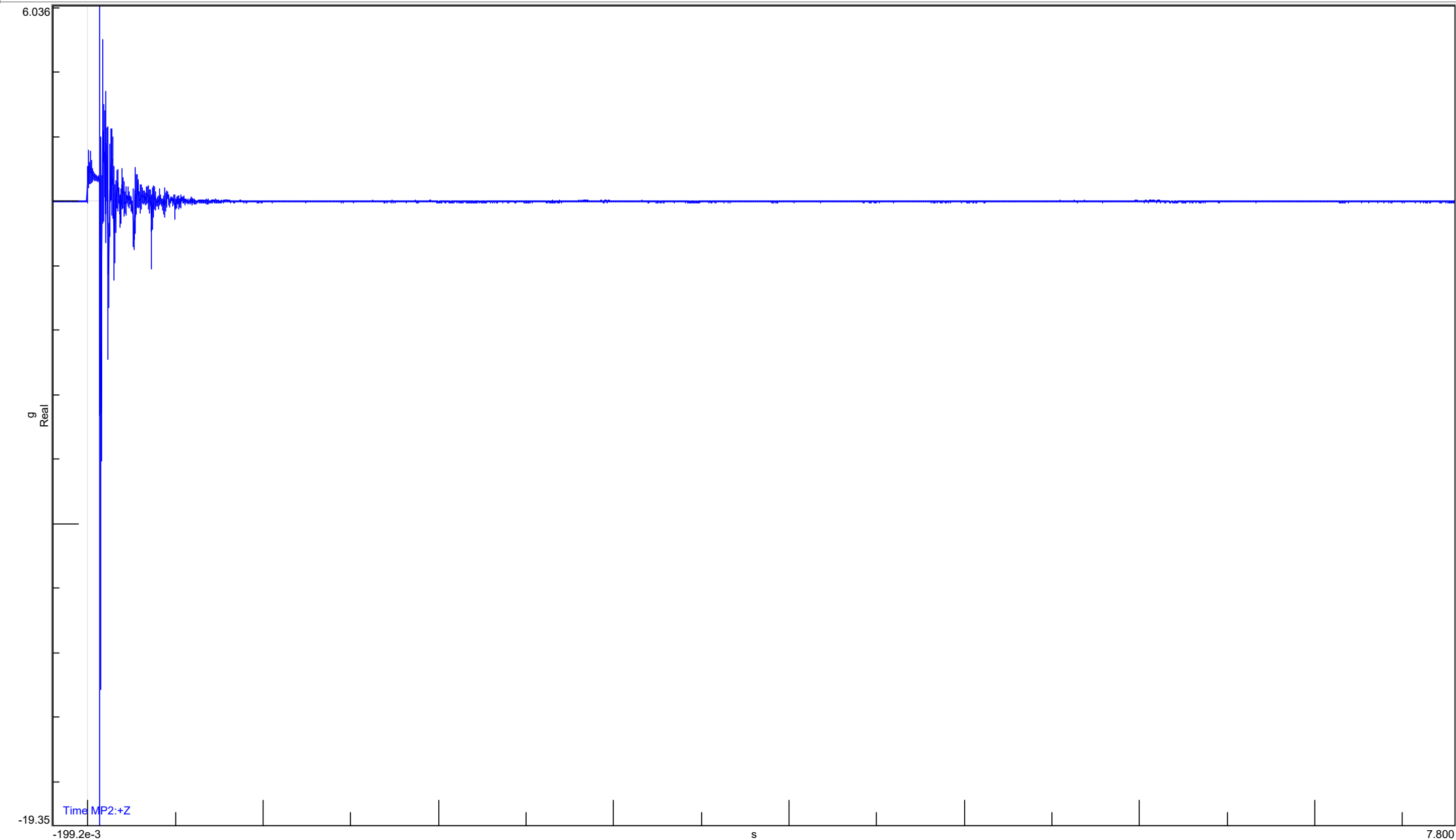
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

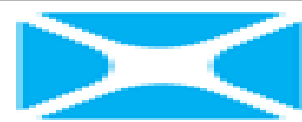
Time : 15:56:58

Run : 2cm Pavimento

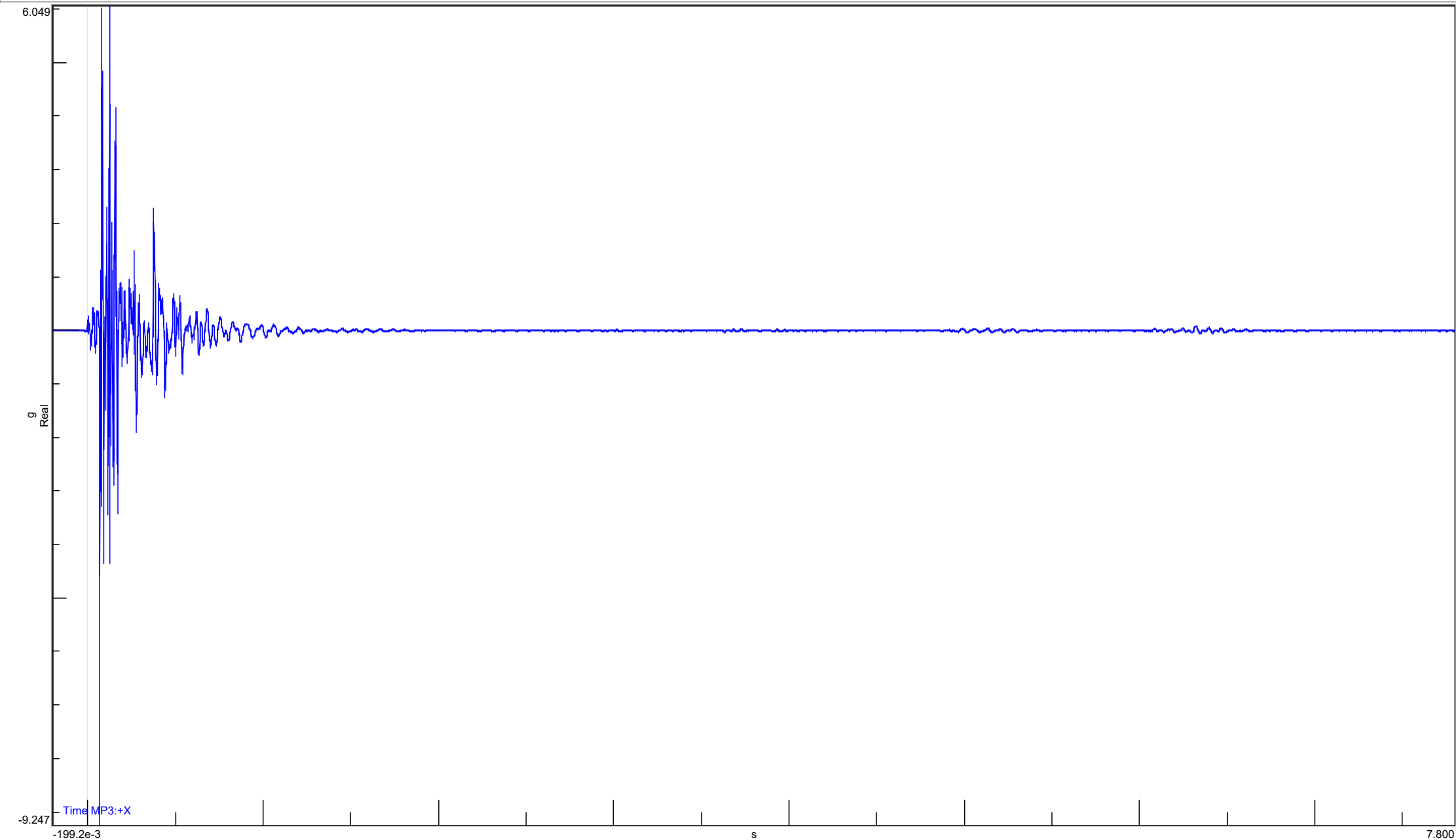


Trace identification : Time MP2:+Z





Trace identification : Time MP3:+X



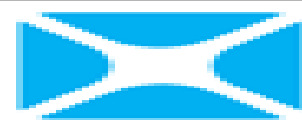
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

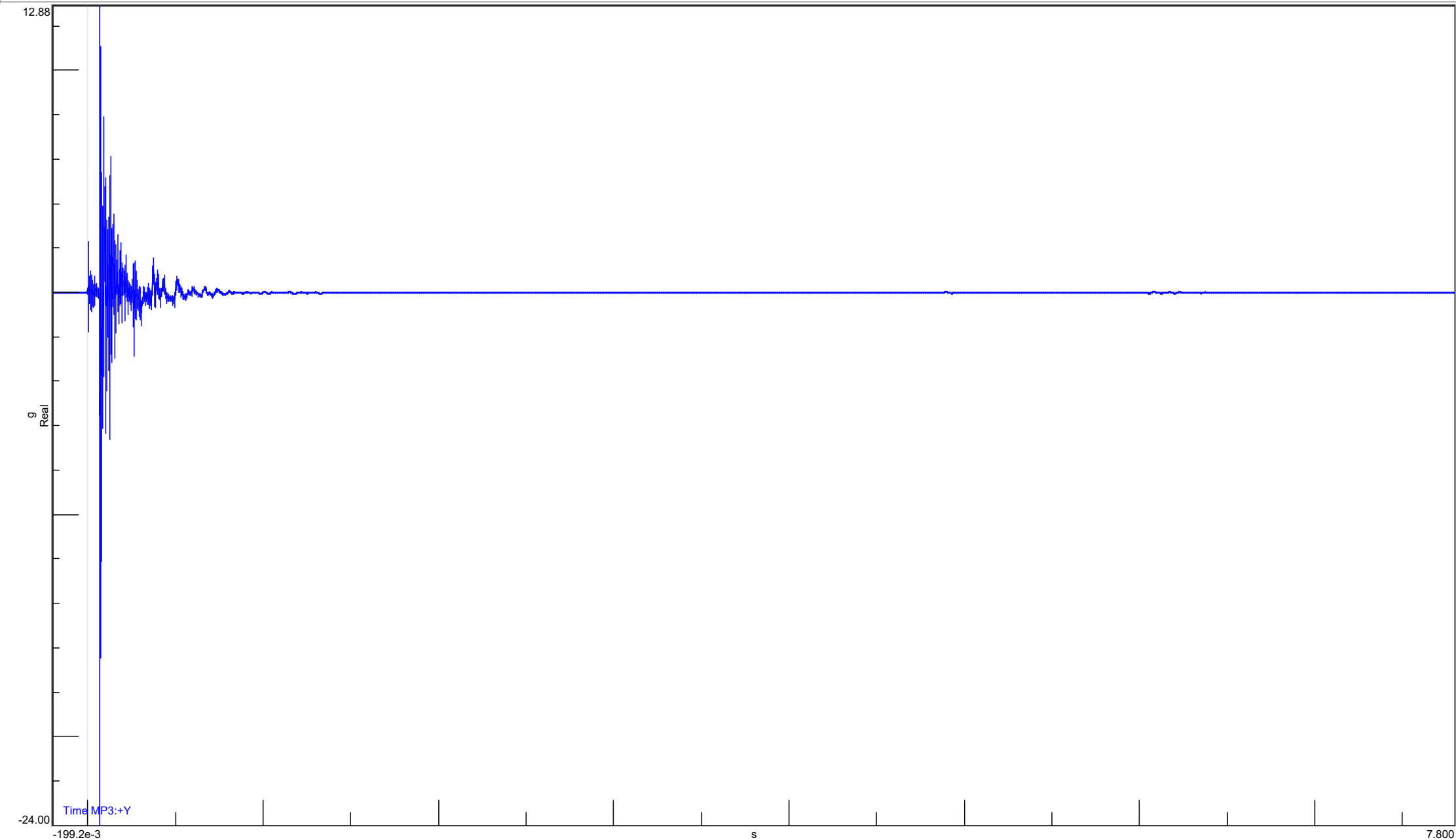
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:59

Run : 2cm Pavimento



Trace identification : Time MP3:+Y



Memo

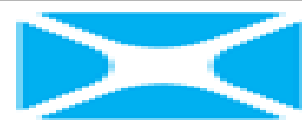
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

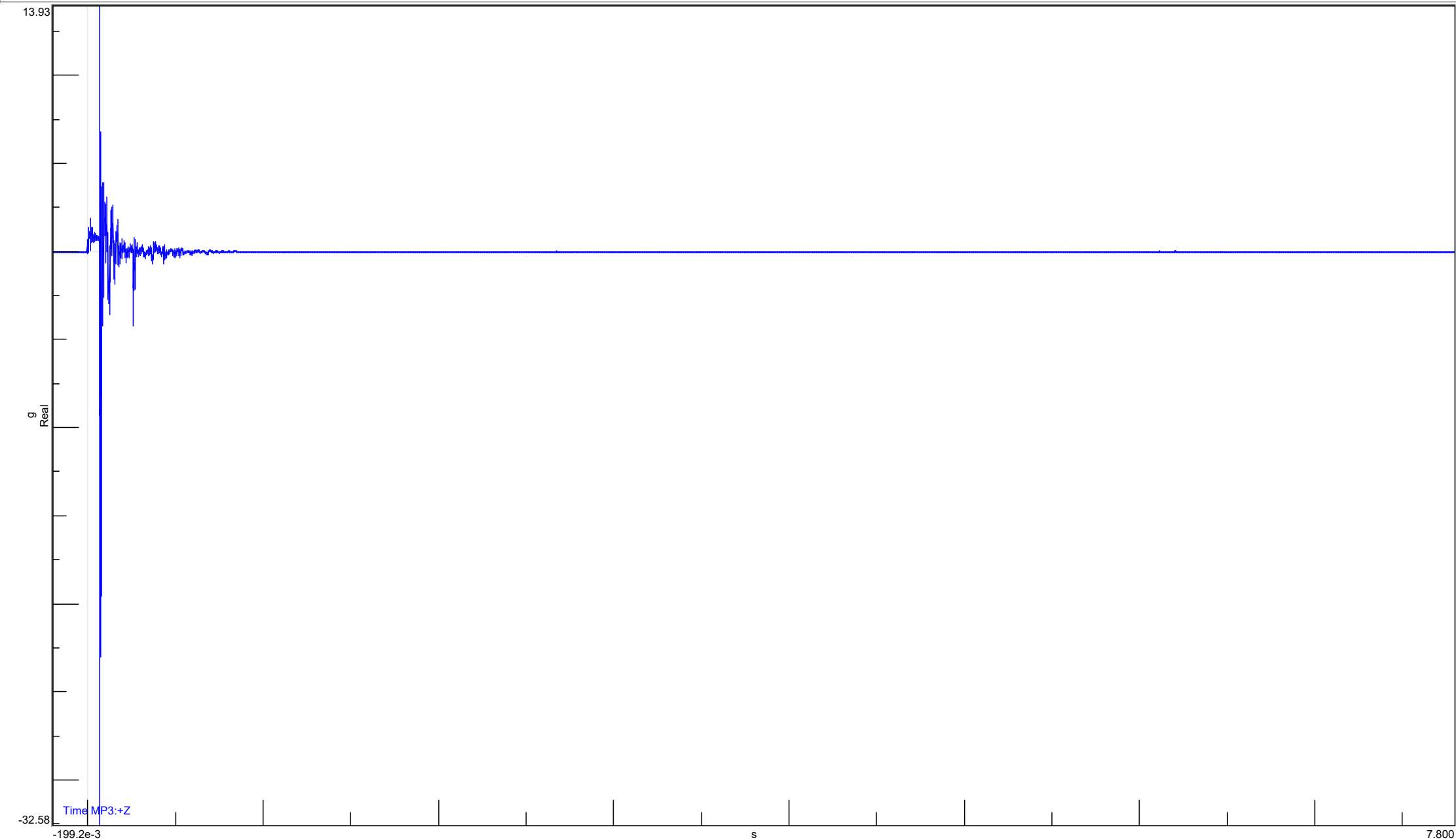
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:59

Run : 2cm Pavimento



Trace identification : Time MP3:+Z



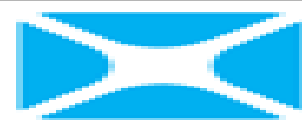
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

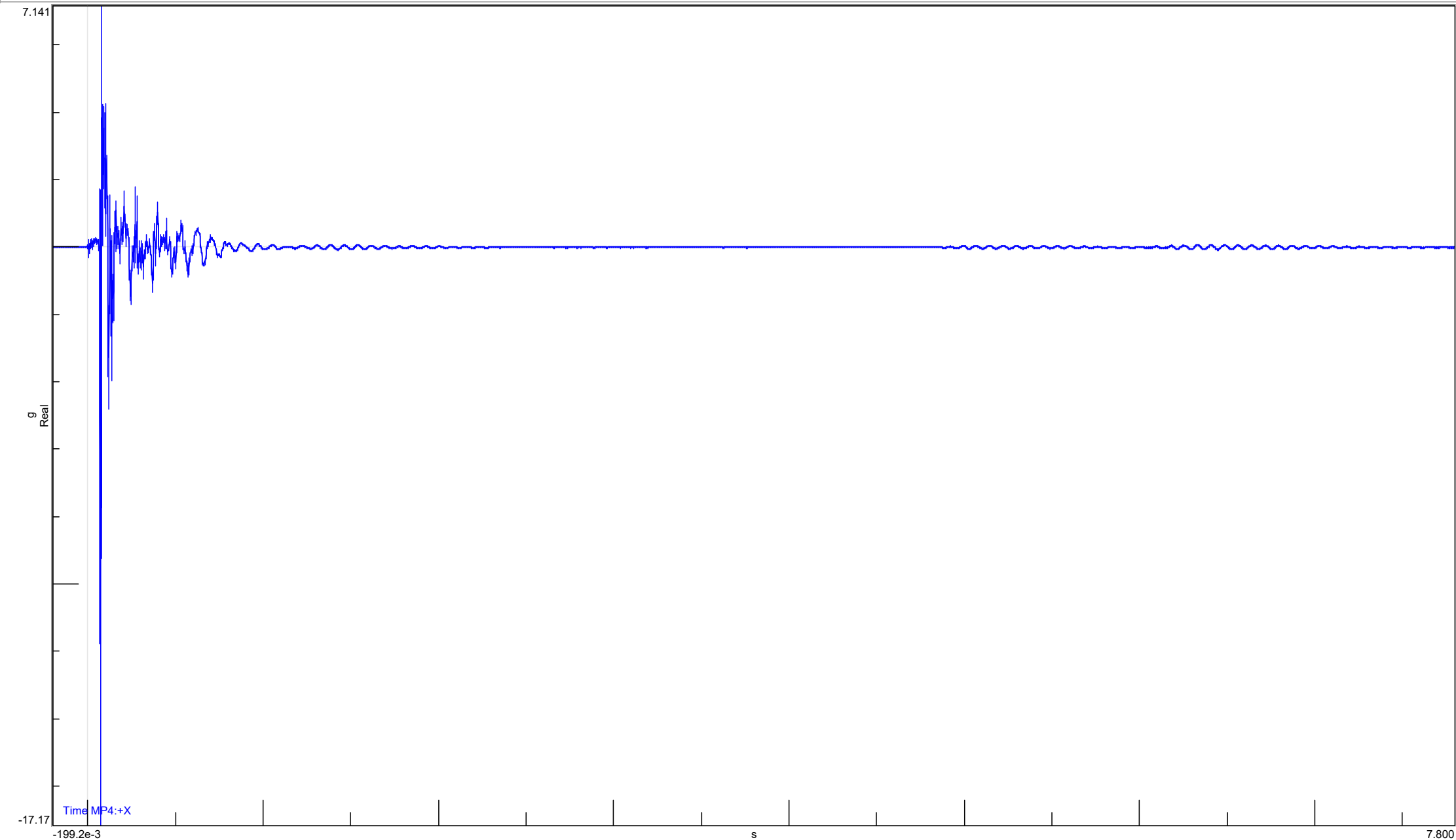
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:59

Run : 2cm Pavimento



Trace identification : Time MP4:+X



Memo

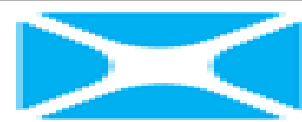
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

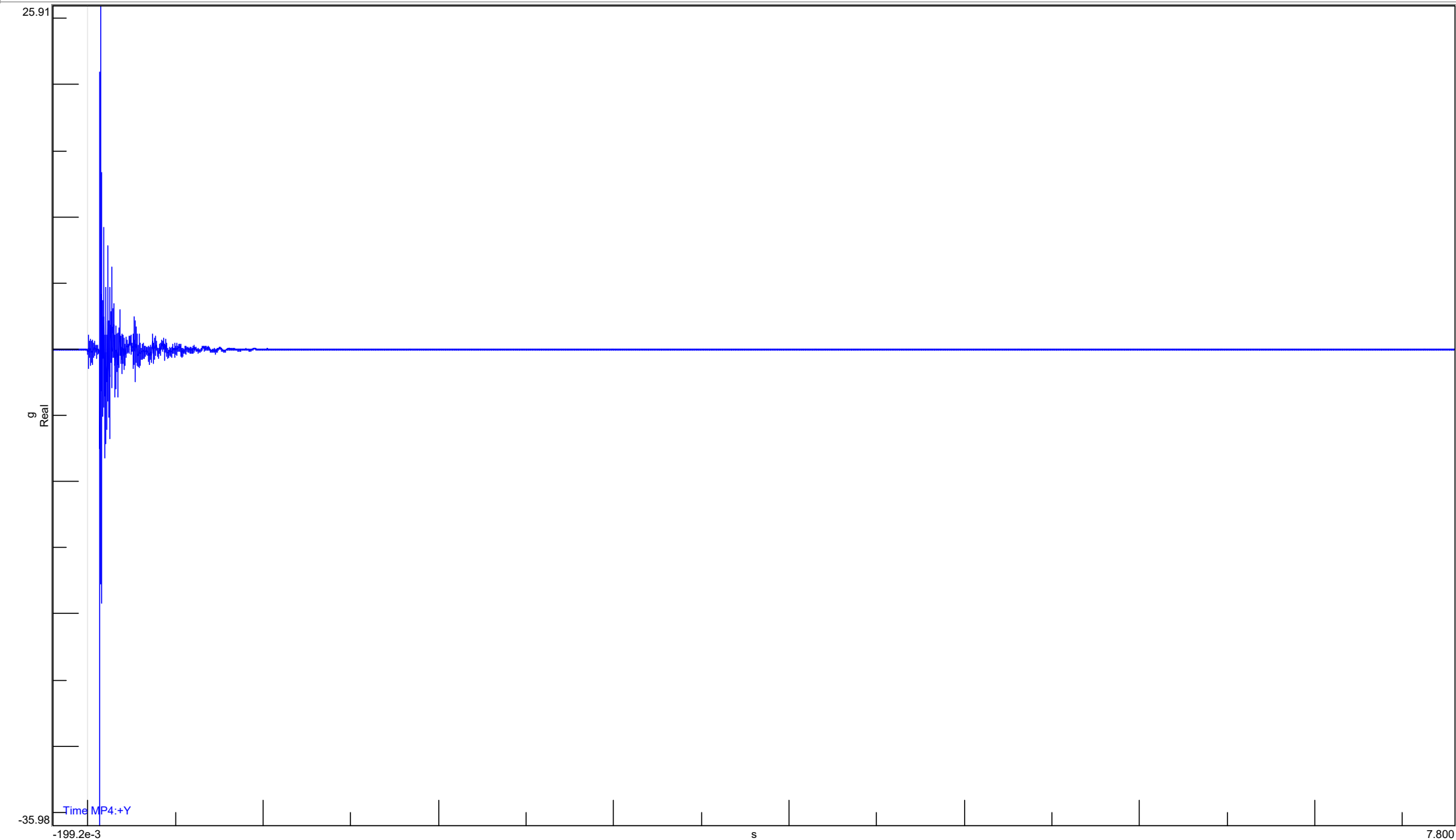
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:59

Run : 2cm Pavimento



Trace identification : Time MP4:+Y



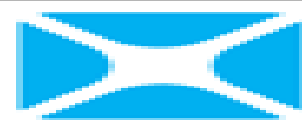
Project : DROP TEST_INFN_BES_III

Date : Thu Sep 16 2021

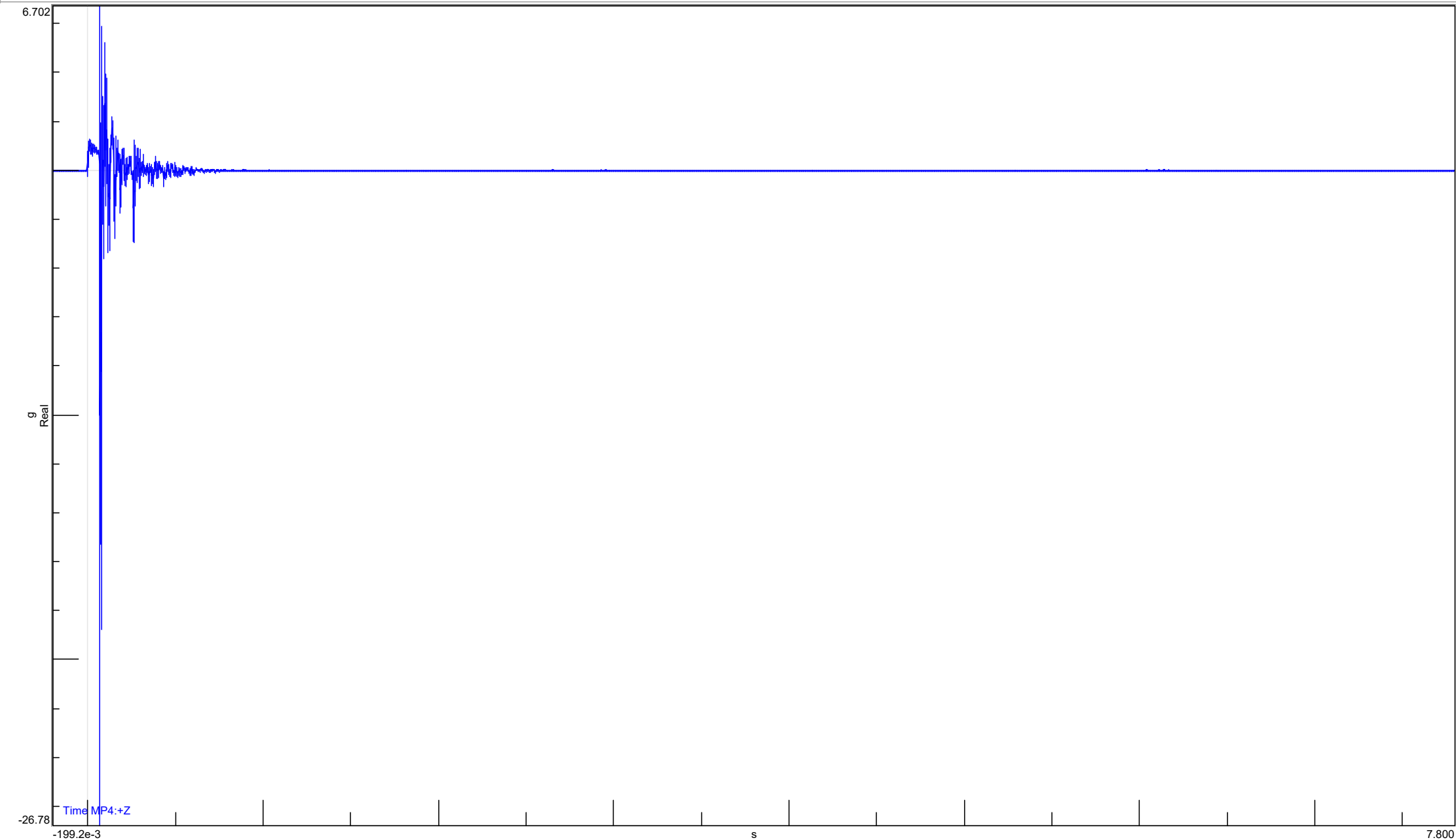
Section : Gancio - Z Axis Verticale (Vertical - Z Axis)

Time : 15:56:59

Run : 2cm Pavimento



Trace identification : Time MP4:+Z



Memo