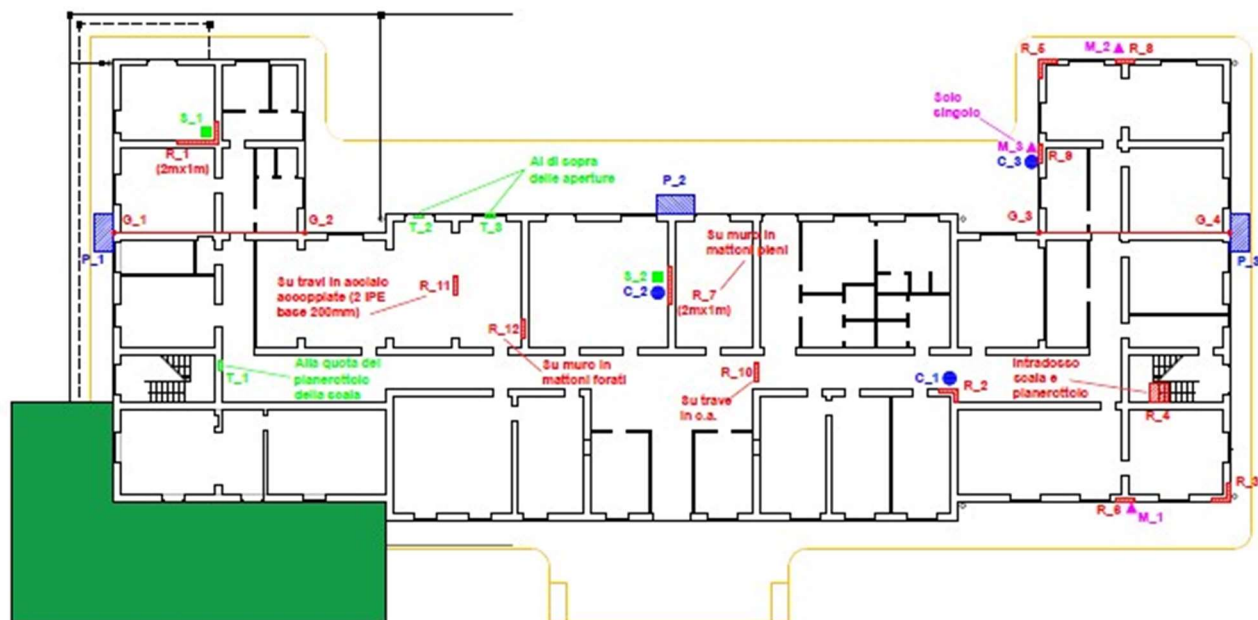


ALLEGATO 2

Report fotografico della campagna di indagini

EX STAZIONE PORTO VECCHIO - LIVORNO

PIANTA PIANO TERRA



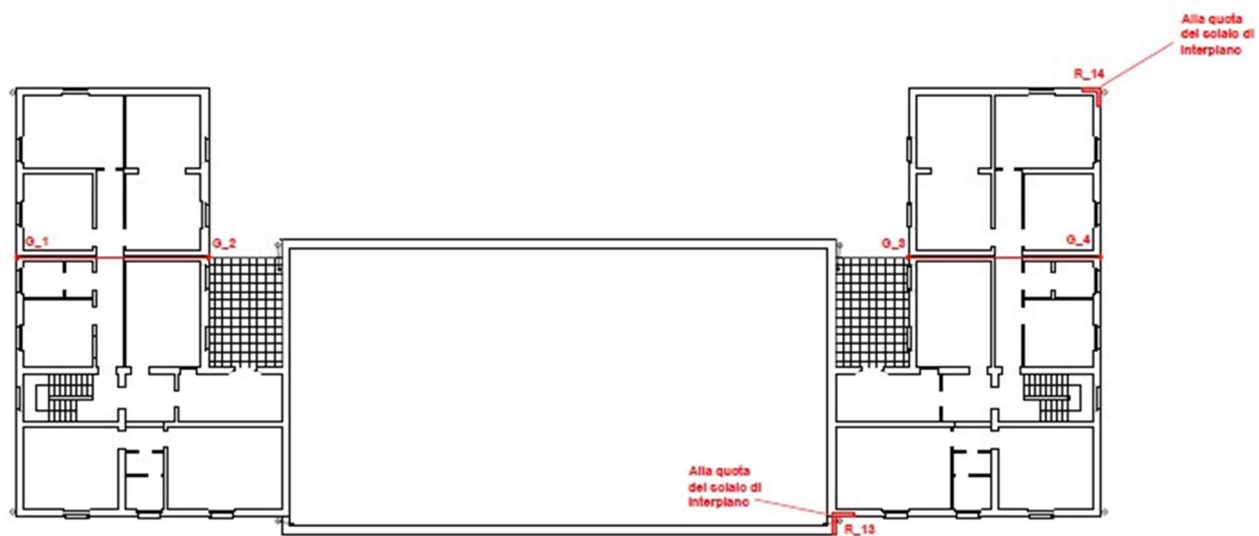
LEGENDA:

- | | |
|---------------------------------------|--|
| ○ PLUVIALE Ø80 | ● RIMOZIONE LAMIERA A COPERTURA GIUNTO DI DILATAZIONE (G_n°) |
| □ POZZETTO PLUVIALE | ■ RIMOZIONE INTONACO 1m x 1m (R_n°) - A partire da 1m da terra in su |
| ■ POZZETTO DI ISPEZIONE FOGNA NERA | ■ RIMOZIONE INTONACO 0.6m x 0.6m (T_n°) |
| ■ POZZETTO DI ISPEZIONE ACQUE BIANCHE | ■ POZZETTO DI ISPEZIONE FONDAZIONI 2m x 1m (P_n°) |
| --- TUBAZIONE IN PVC Ø180 FOGNA NERA | ▲ MARTINETTO PIATTO SINGOLO E DOPPIO (M_n°) |
| — TUBAZIONE IN PVC Ø180 ACQUE BIANCHE | ■ SHOVE TEST (S_n°) |
| ■ DEHOR BAR | ● PENETROMETRO PNT-02 (C_n°) |

Figura 1 - Pianta indagini e test (PT)

EX STAZIONE PORTO VECCHIO - LIVORNO

PIANTA PIANO PRIMO



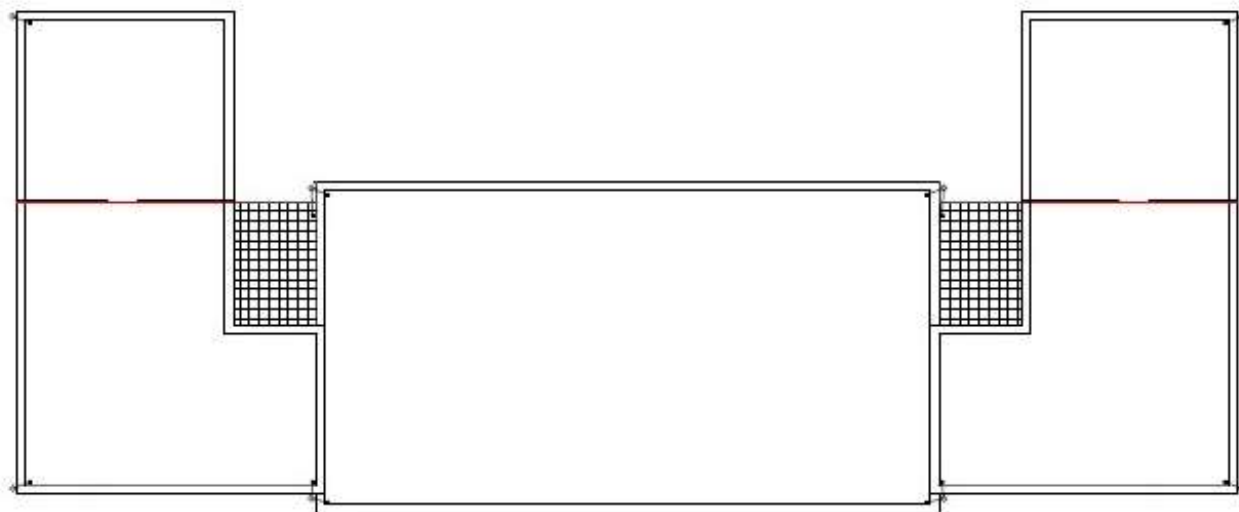
LEGENDA:

- | | |
|---------------------------------------|--|
| ○ PLUVIALE Ø250 | ● RIMOZIONE LAMIERA A COPERTURA GIUNTO DI DILATAZIONE (Q_n°) |
| □ POZZETTO PLUVIALE | ■ RIMOZIONE INTONACO 1m x 1m (R_n°) - A partire da 1m da terra in su |
| ■ POZZETTO DI ISPEZIONE FOGNA NERA | ■ RIMOZIONE INTONACO 0.6m x 0.6m (T_n°) |
| □ POZZETTO DI ISPEZIONE ACQUE BIANCHE | ■ POZZETTO DI ISPEZIONE FONDAZIONI 2m x 1m (P_n°) |
| --- TUBAZIONE IN PVC Ø180 FOGNA NERA | ▲ MARTINETTO PIATTO SINGOLO E DOPPIO (M_n°) |
| — TUBAZIONE IN PVC Ø180 ACQUE BIANCHE | ■ SHOVE TEST (S_n°) |
| ■ DEHOR BAR | ● PENETROMETRO PNT-Q2 (C_n°) |

Figura 2 – Pianta indagini e test (P1)

EX STAZIONE PORTO VECCHIO - LIVORNO

PIANTA PIANO COPERTURA



LEGENDA:

- | | |
|---------------------------------------|--|
| ○ PLUVIALE Ø80 | ● RIMOZIONE LAMIERA A COPERTURA GIUNTO DI DILATAZIONE (G_n°) |
| □ POZZETTO PLUVIALE | ■ RIMOZIONE INTONACO 1m x 1m (R_n°) - A partire da 1m da terra in su |
| ■ POZZETTO DI ISPEZIONE FOGNA NERA | ■ RIMOZIONE INTONACO 0.6m x 0.6m (T_n°) |
| ■ POZZETTO DI ISPEZIONE ACQUE BIANCHE | ■ POZZETTO DI ISPEZIONE FONDAZIONI 2m x 1m (F_n°) |
| --- TUBAZIONE IN PVC Ø180 FOGNA NERA | ▲ MARTINETTO PIATTO SINGOLO E DOPPIO (M_n°) |
| — TUBAZIONE IN PVC Ø180 ACQUE BIANCHE | ■ SHOVE TEST (S_n°) |
| ■ DEHOR BAR | ● PENETROMETRO PNT-32 (C_n°) |

Figura 3 - Pianta indagini e test (Copertura)



Figura 4 - Nuvola di punti vista SUD



Figura 5- Nuvola di punti vista NORD



Figura 6- Nuvola di punti vista EST

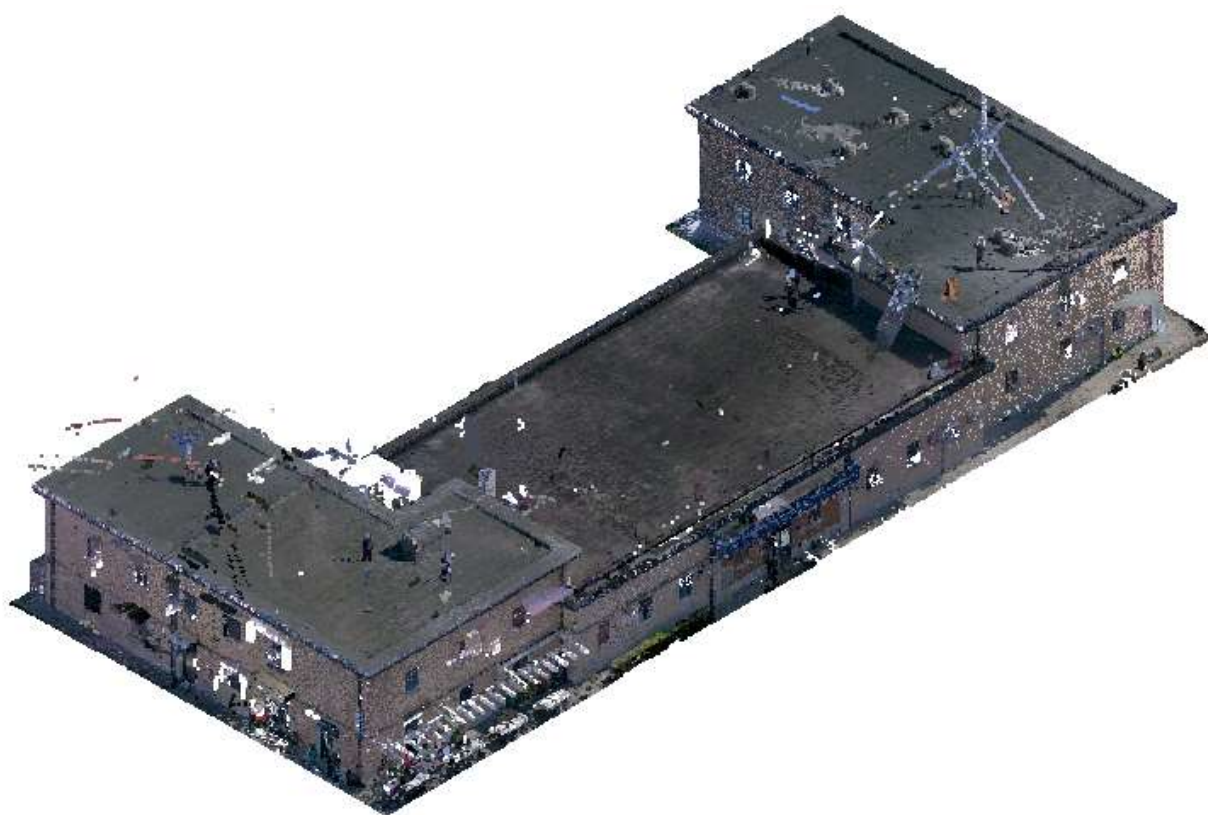


Figura 7- Nuvola di punti vista OVEST



Figura 8 – R_1

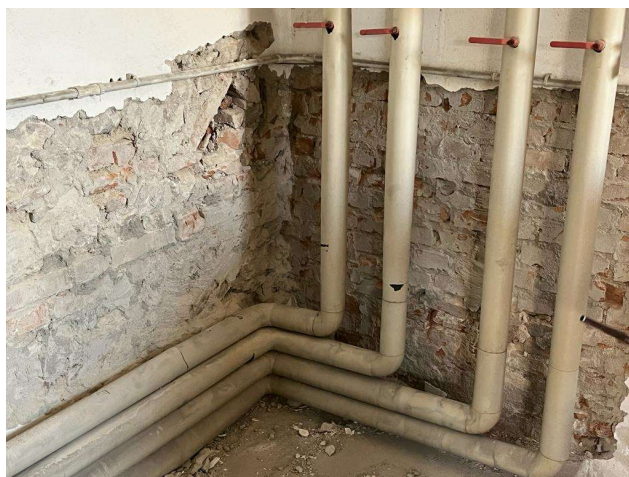


Figura 9 – R_1



Figura 10 - R_2



Figura 11 - R_2



Figura 12 - R_3

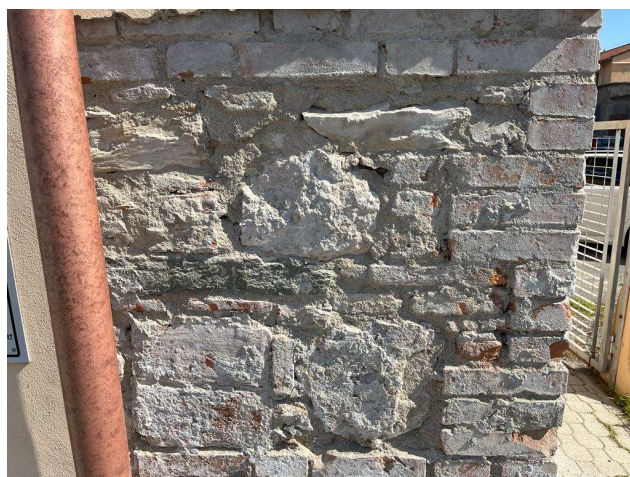


Figura 13 - R_3



Figura 14 - R_3



Figura 15 - R_4



Figura 16 - R_4



Figura 17 - R_5



Figura 18 - R_6



Figura 19 - R_7



Figura 20 - R_8



Figura 21 - R_9



Figura 22 - R_10



Figura 23 - R_10



Figura 24 - R_11



Figura 25 - R_11



Figura 26 - R_12



Figura 27 - R_13



Figura 28 - R_14

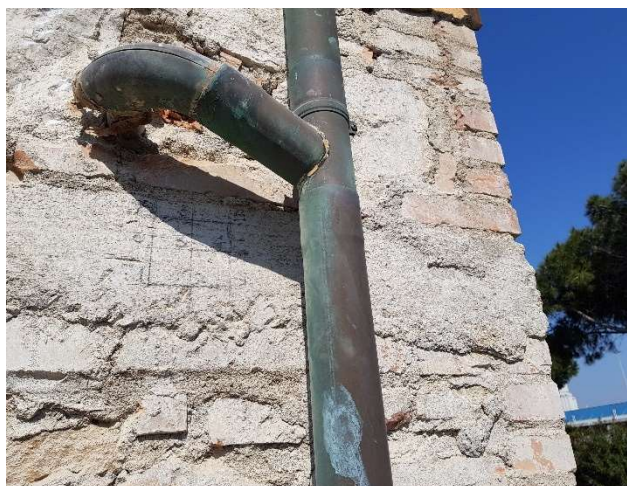


Figura 29 - R_14



Figura 30 - T_1



Figura 31 - T_2



Figura 32 - T_3



Figura 33 - P_1



Figura 34 - P_1



Figura 35 - P_1



Figura 36 - P_1



Figura 37 - P_1



Figura 38 - P_2



Figura 39 - P_2



Figura 40 - P_2



Figura 41 - P_2



Figura 42 - P_3



Figura 43 - P_3



Figura 44 - P_3

ALLEGATO 3

Report fotografico delle prove non distruttive



Figura 45 - Termocamera FLIR E6-XT



Figura 46 – Esempio di immagine termografica

EX STAZIONE PORTO VECCHIO - LIVORNO PIANTA PIANO TERRA

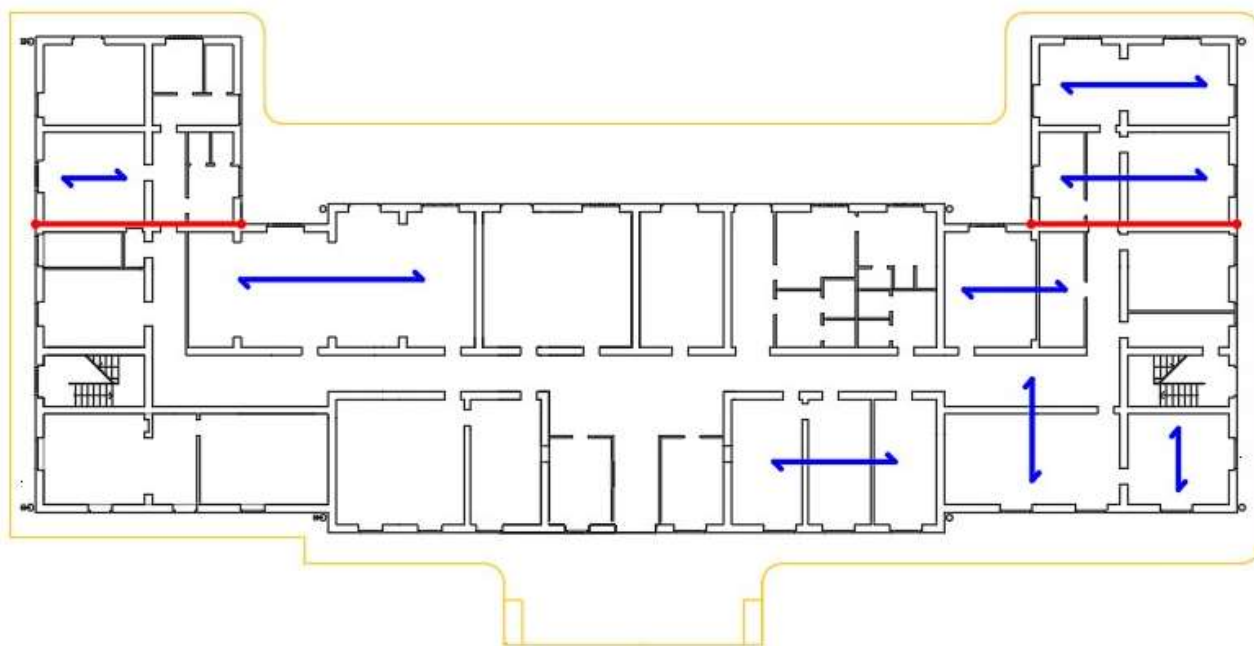


Figura 47 - Orditura solai PT



Figura 48 – Sclerometro PASI modello N

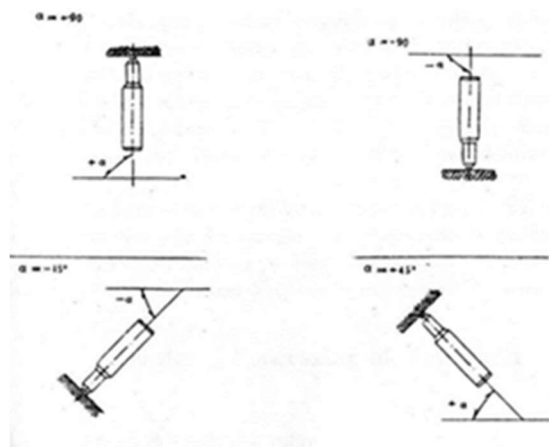


Figura 49 – Angolo di impatto

Indice di rimbalzo	N/mm ² - MPa								
	Direzione d'impatto Puntale verso l'alto↑				Orizzontale→	Direzione d'impatto Puntale verso il basso↓			
	90°	60°	45°	30°		-30°	-45°	-60°	-90°
20					10.3	13.1	13.7	14.3	14.9
21					11.4	14.3	14.9	15.5	16.2
22					12.5	15.4	16.0	16.7	17.4
23				10.4	13.7	16.7	17.4	18.0	18.8
24	10.3	10.3	10.5	11.6	14.9	17.9	18.6	19.3	20.0
25	10.3	10.8	11.6	12.7	16.2	19.2	20.0	20.8	21.5
26	11.0	12.0	12.8	14.0	17.5	20.6	21.4	22.1	22.8
27	11.9	13.3	14.0	15.3	18.9	22.1	22.8	23.6	24.5
28	13.4	14.6	15.4	16.7	20.3	23.5	24.3	25.0	25.9
29	14.8	16.0	16.7	18.0	21.8	25.0	25.9	26.7	27.6
30	16.2	17.5	18.2	19.6	23.3	26.5	27.4	28.2	29.1
31	17.6	18.9	19.6	21.0	24.9	28.2	29.1	30.0	30.9
32	19.1	20.8	21.2	22.7	26.5	29.8	30.7	31.6	32.5
33	20.8	22.0	22.7	24.3	28.2	31.6	32.5	33.5	34.4
34	22.4	23.6	24.5	26.0	30.0	33.3	34.2	35.2	36.1
35	24.1	25.2	26.0	27.8	31.8	35.2	36.1	37.1	38.2
36	25.9	27.1	27.9	29.6	33.6	36.9	37.9	38.9	39.9
37	27.8	28.8	29.6	31.4	35.5	38.9	39.9	41.0	42.0
38	29.6	30.7	31.6	33.5	37.5	40.7	41.8	42.8	43.9
39	31.6	32.5	33.5	35.4	39.5	42.8	43.9	45.0	46.1
40	33.6	34.6	35.5	37.5	41.6	44.8	45.9	47.0	48.1
41	35.5	36.5	37.5	39.5	43.7	47.0	48.1	49.2	50.4
42	37.7	38.7	39.7	41.8	45.9	49.0	50.2	51.3	52.5
43	39.7	40.7	41.8	43.9	48.1	51.3	52.5	53.6	54.8
44	42.0	43.0	44.1	46.3	50.4	53.4	54.6	55.8	57.0
45	44.1	45.2	46.3	48.5	52.7	55.8	57.0	58.2	59.5
46	46.5	47.6	48.7	51.0	55.0	58.0	59.2	60.0	
47	48.7	49.9	51.0	53.4	57.5				
48	51.3	52.5	53.6	56.0	60.0				
49	53.6	54.8	56.0	58.5					
50	56.8	57.5	58.8	60.0					



Figura 50 - R_4



Figura 51 - R_14

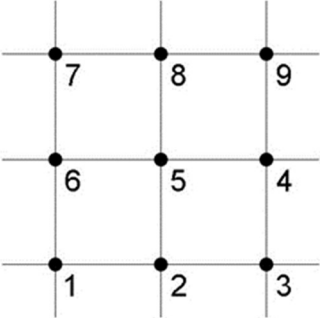
Elemento	Griglia	Angolo	Numero battute	Indice di rimbalzo - R		
R_4		45°	1	32	26/03/2022 10:35:00	
			2	33		
			3	45		
			4	45		
			5	34		
			6	35		
			7	38		
			8	38		
			9	50		
			Indice di rimbalzo medio depurato dai valori min e max - R_m	38	Resistenza a compressione	31,60 MPa

Figura 52 - R_4

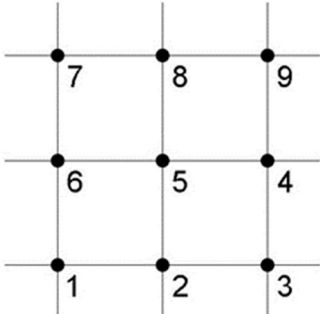
Elemento	Griglia	Angolo	Numero battute	Indice di rimbalzo - R		
R_14		0°	1	48	26/03/2022 11:20:00	
			2	45		
			3	55		
			4	42		
			5	40		
			6	44		
			7	38		
			8	42		
			9	42		
			Indice di rimbalzo medio depurato dai valori min e max - R_m	43	Resistenza a compressione	48,10 MPa

Figura 53 - R_14



Figura 54 - Pacometro Proceq Profoscope



Figura 55 – R_10

ALLEGATO 4

Report fotografico delle prove semi-distruttive



Figura 56 – Sega circolare



Figura 57 - Martinetto



Figura 58 - M_1



Figura 59 - M_1



Figura 60 - M_1



Figura 61 - M_1



Figura 62 - M_1



Figura 63 - M_1



Figura 64 - M_1

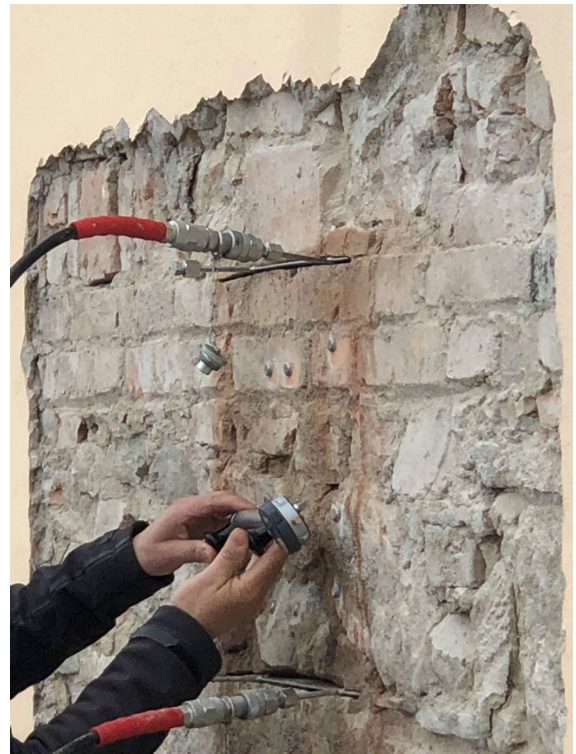


Figura 65 - M_1



Figura 66 - M_2



Figura 67 - M_2



Figura 68 - S_1



Figura 69 - S_1



Figura 70 - S_1



Figura 71 - S_2



Figura 72 - S_2



Figura 73 - S_2



Figura 74 - Penetrometro per malte PNT-G2



Figura 75 - C_1

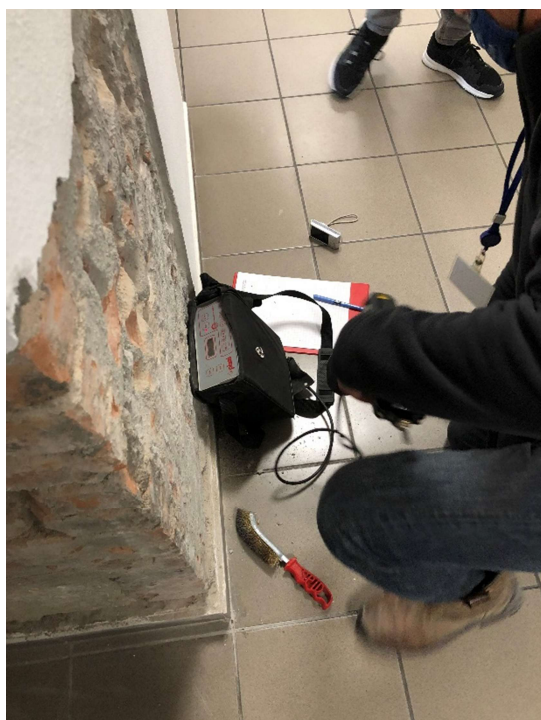


Figura 76 - C_1



Figura 77 - C_3



Figura 78 - C_3



Figura 79 - C_3

ALLEGATO 5

**Configurazioni degli
accelerometri**

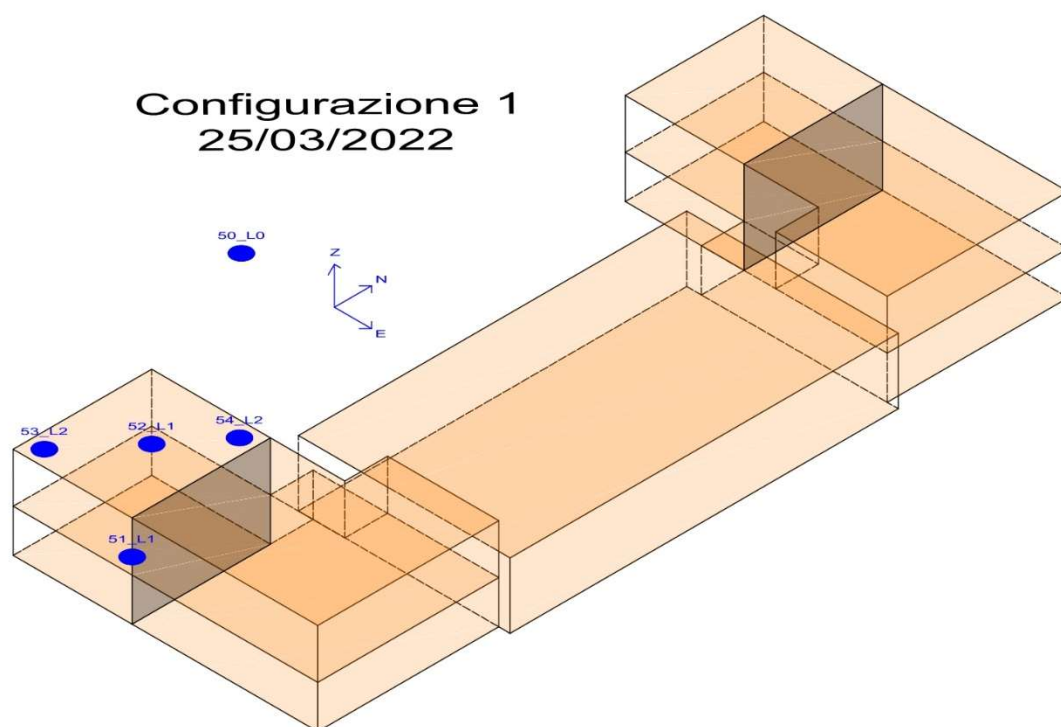


Figura 80 - Configurazione 1 - 25/03/2022

CONFIGURAZIONE 1 - 25/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		17,03,00	17,18,00
REGISTRAZIONE PULITA	ACC_50_PT01	17,05,00	17,06,00
	ACC_51_PT02	17,05,00	17,10,00
	ACC_52_PT03	17,05,00	17,10,00
	ACC_53_PT04	17,05,00	17,10,00
	ACC_54_PT05	17,05,00	17,10,00

Figura 81 - Configurazione 1 - 25/03/2022

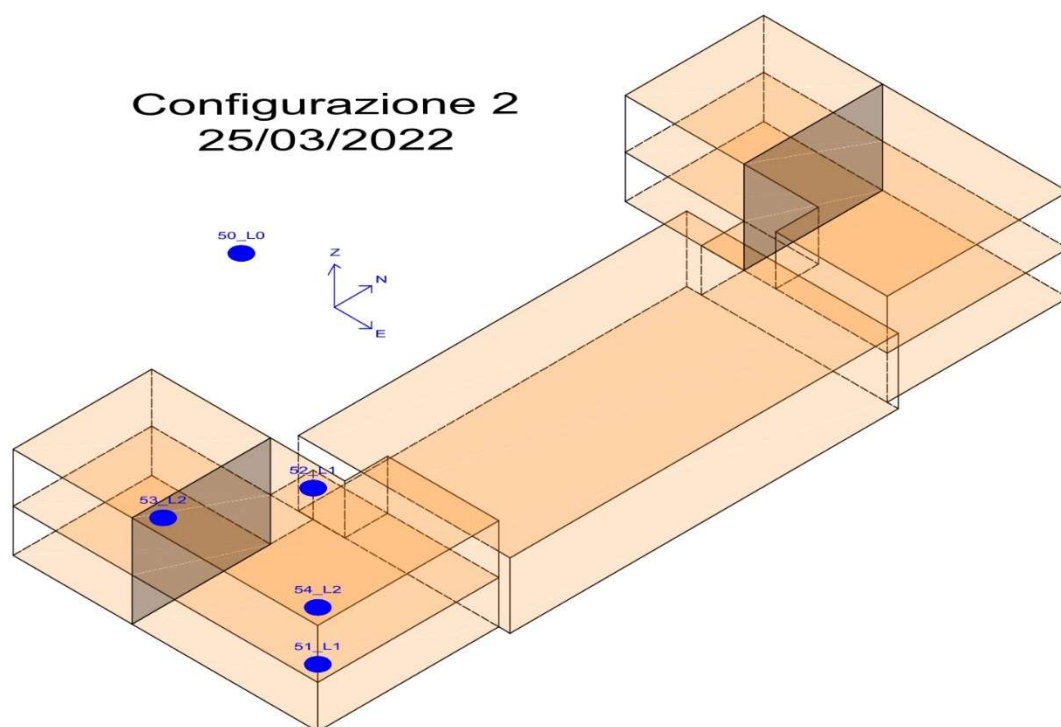


Figura 82 - Configurazione 2 - 25/03/2022

CONFIGURAZIONE 2		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		17,35,00	17,50,00
REGISTRAZIONE PULITA	ACC_50_PT01	17,35,00	17,36,00
	ACC_51_PT02	17,35,00	17,45,00
	ACC_52_PT03	17,38,00	17,43,30
	ACC_53_PT04	17,35,00	17,45,00
	ACC_54_PT05	17,35,00	17,45,00

Figura 83 - Configurazione 2 - 25/03/2022

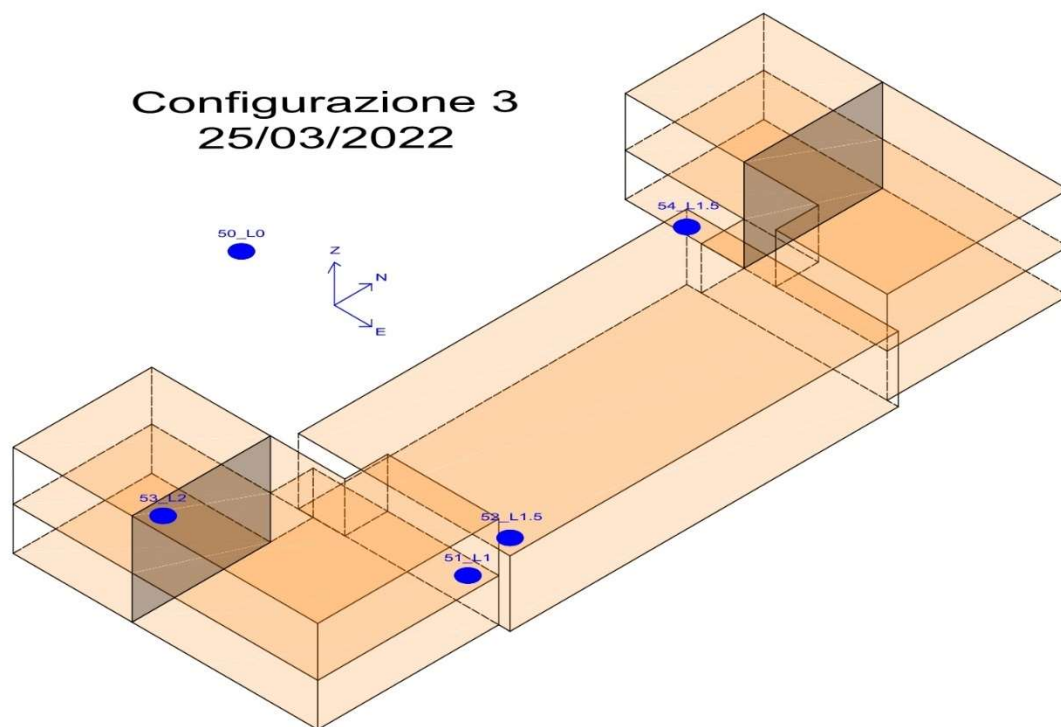


Figura 84 - Configurazione 3 - 25/03/2022

CONFIGURAZIONE 3 - 25/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		18,05,00	18,20,00
REGISTRAZIONE PULITA	ACC_50_PT01	18,13,00	18,18,00
	ACC_51_PT02	18,08,00	18,18,00
	ACC_52_PT03	18,08,00	18,18,00
	ACC_53_PT04	18,08,00	18,18,00
	ACC_54_PT05	18,08,00	18,18,00

Figura 85 - Configurazione 3 - 25/03/2022

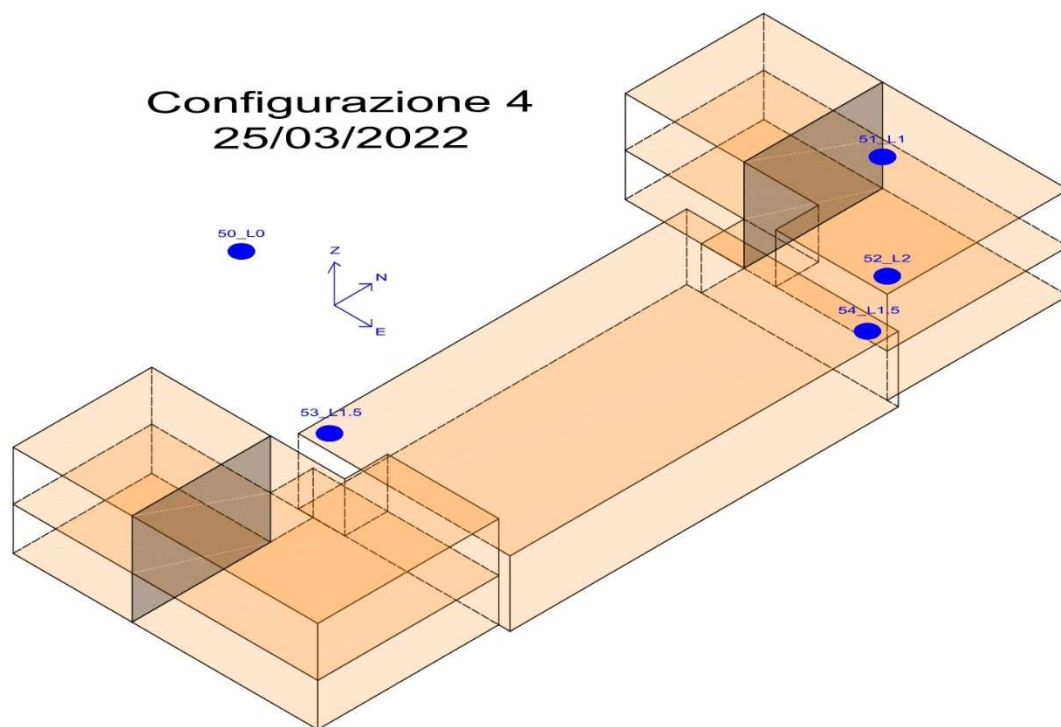


Figura 86 - Configurazione 4 - 25/03/2022

CONFIGURAZIONE 4 - 25/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		18,35,00	18,50,00
REGISTRAZIONE PULITA	ACC_50_PT01	18,40,00	18,50,00
	ACC_51_PT02	18,40,00	18,50,00
	ACC_52_PT03	18,40,00	18,50,00
	ACC_53_PT04	18,40,00	18,50,00
	ACC_54_PT05	18,40,00	18,50,00

Figura 87 - Configurazione 4 - 25/03/2022

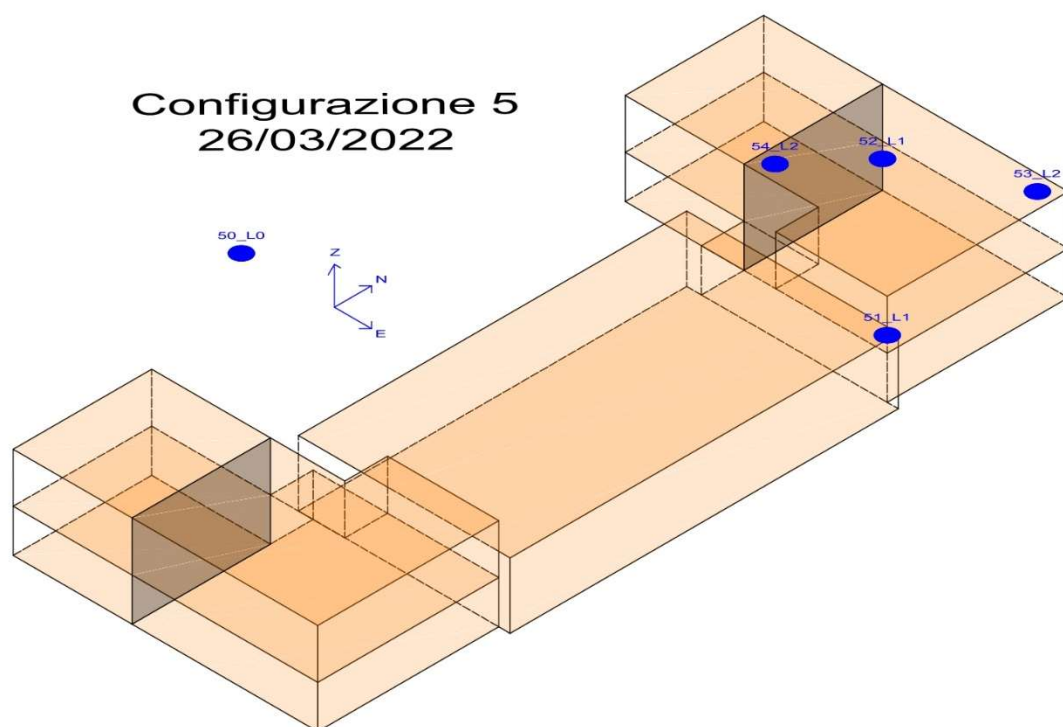


Figura 88 - Configurazione 5 - 26/03/2022

CONFIGURAZIONE 5 - 26/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		12,40,00	12,55,00
REGISTRAZIONE PULITA	ACC_50_PT01	12,41,30	12,44,30
	ACC_51_PT02	12,46,00	12,48,00
	ACC_52_PT03	12,46,00	12,48,00
	ACC_53_PT04	12,40,00	12,48,00
	ACC_54_PT05	12,40,00	12,55,00

Figura 89 - Configurazione 5 - 26/03/2022

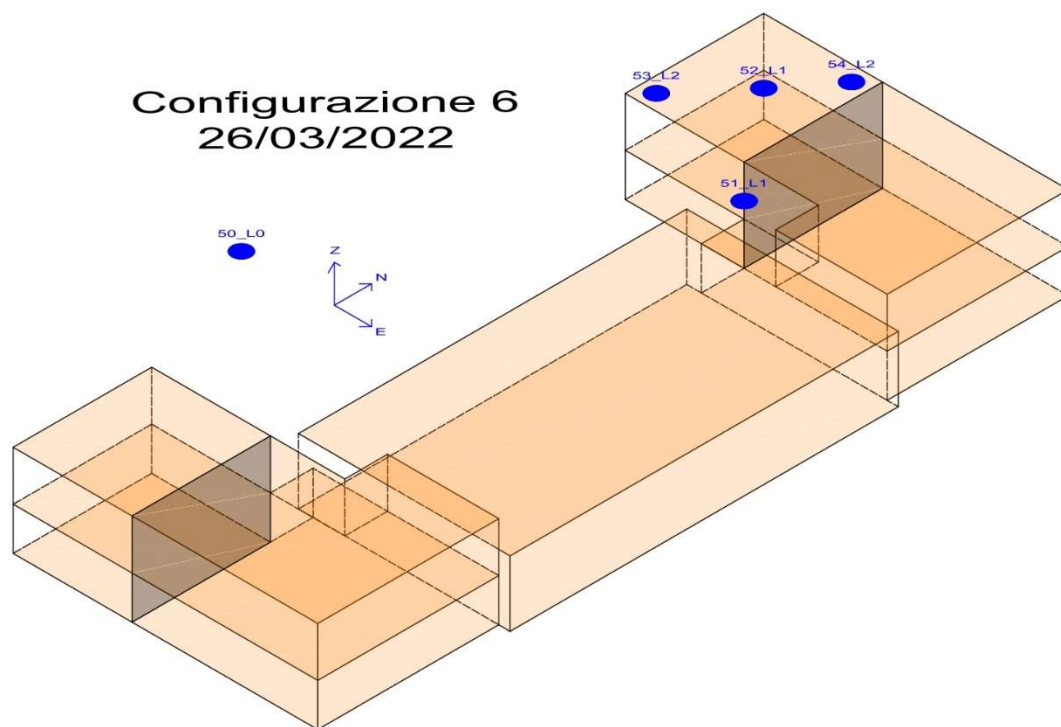


Figura 90 - Configurazione 6 - 26/03/2022

CONFIGURAZIONE 6 - 26/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		14,13,00	14,28,00
REGISTRAZIONE PULITA	ACC_50_PT01	14,16,00	14,19,00
	ACC_51_PT02	14,17,00	14,28,00
	ACC_52_PT03	14,17,00	14,28,00
	ACC_53_PT04	14,17,00	14,22,30
	ACC_54_PT05	14,17,00	14,28,00

Figura 91 - Configurazione 6 - 26/03/2022

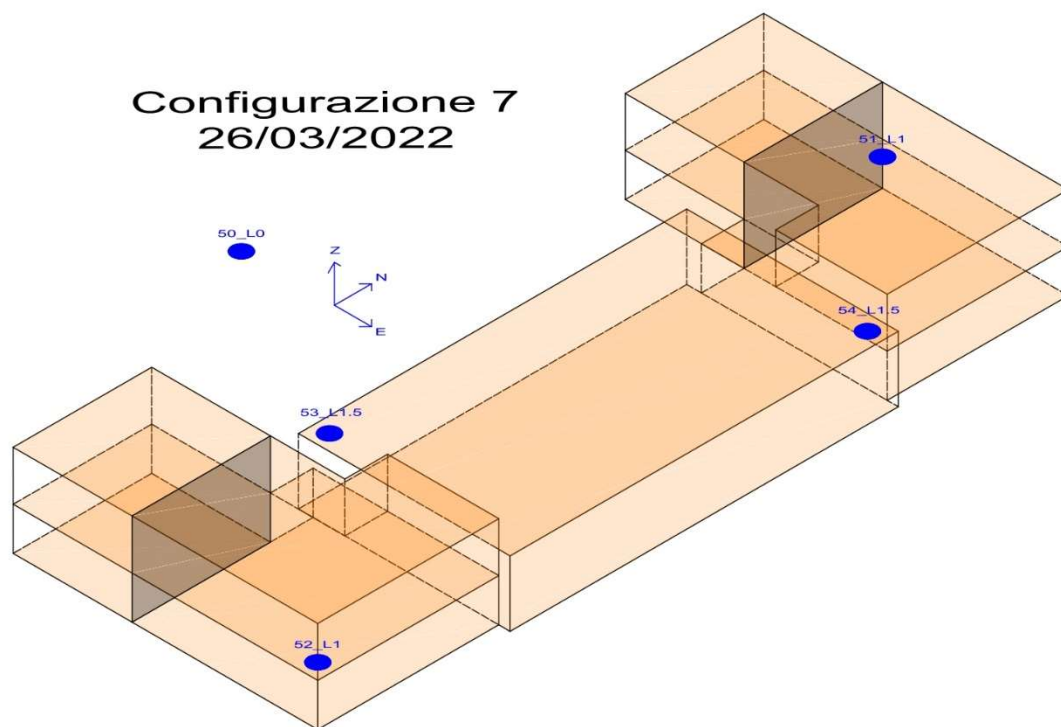


Figura 92 - Configurazione 7 - 26/03/2022

CONFIGURAZIONE 7 - 26/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		14,45,00	15,00,00
REGISTRAZIONE PULITA	ACC_50_PT01	14,45,00	14,49,30
	ACC_51_PT02	14,45,00	14,59,00
	ACC_52_PT03	14,45,00	14,53,30
	ACC_53_PT04	14,45,00	14,53,30
	ACC_54_PT05	14,45,00	14,52,00

Figura 93 - Configurazione 7 - 26/03/2022

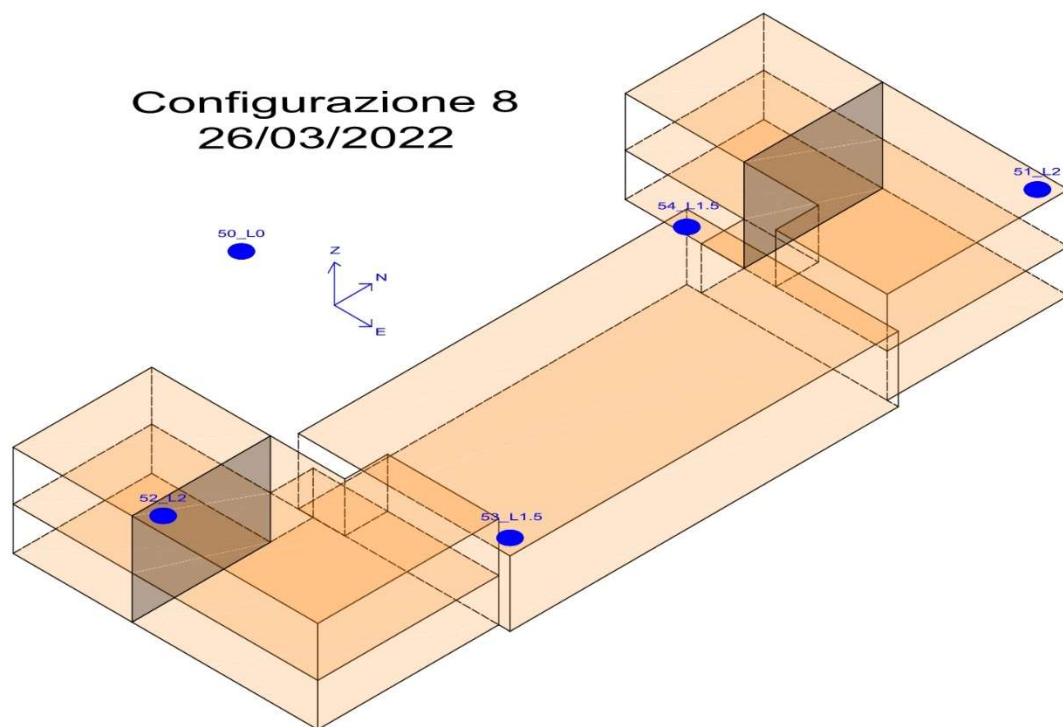


Figura 94 - Configurazione 8 - 26/03/2022

CONFIGURAZIONE 8 - 26/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		15,20,00	15,35,00
REGISTRAZIONE PULITA	ACC_50_PT01	15,23,30	15,27,00
	ACC_51_PT02	15,23,30	15,28,30
	ACC_52_PT03	15,20,30	15,29,30
	ACC_53_PT04	15,23,30	15,28,30
	ACC_54_PT05	15,23,30	15,28,30

Figura 95 - Configurazione 8 - 26/03/2022

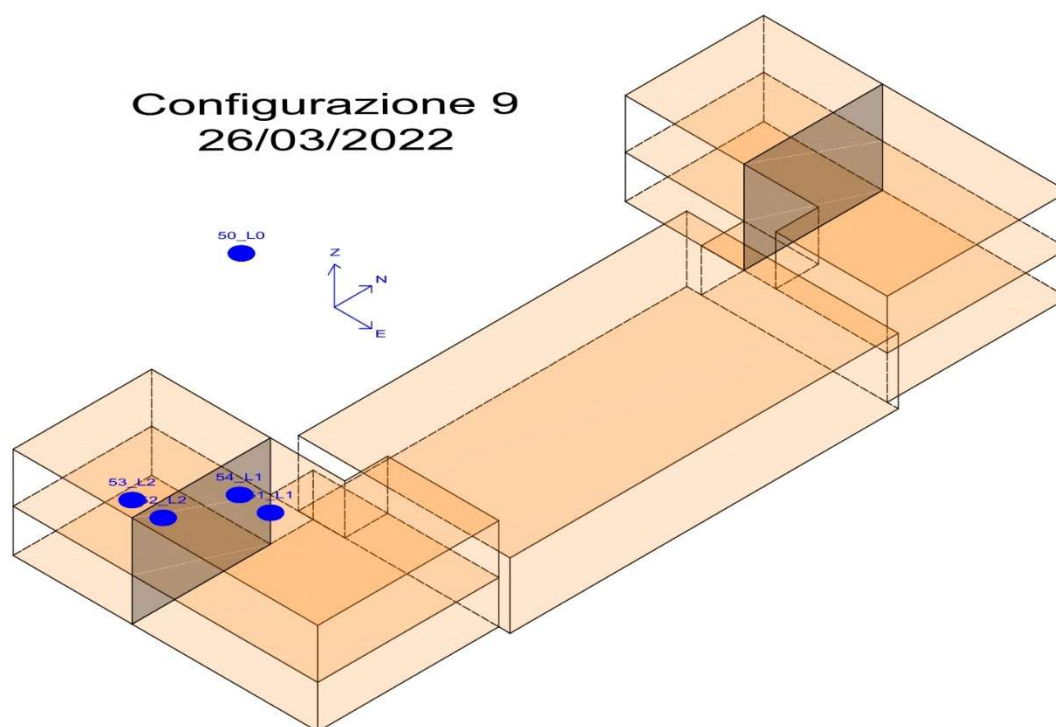


Figura 96 - Configurazione 9 - 26/03/2022

CONFIGURAZIONE 9 - 26/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		15,47,00	16,03,00
REGISTRAZIONE PULITA	ACC_50_PT01	15,47,00	15,58,00
	ACC_51_PT02	15,47,00	16,03,00
	ACC_52_PT03	15,47,00	16,03,00
	ACC_53_PT04	15,47,00	16,00,30
	ACC_54_PT05	15,47,00	16,00,30

Figura 97 - Configurazione 9 - 26/03/2022

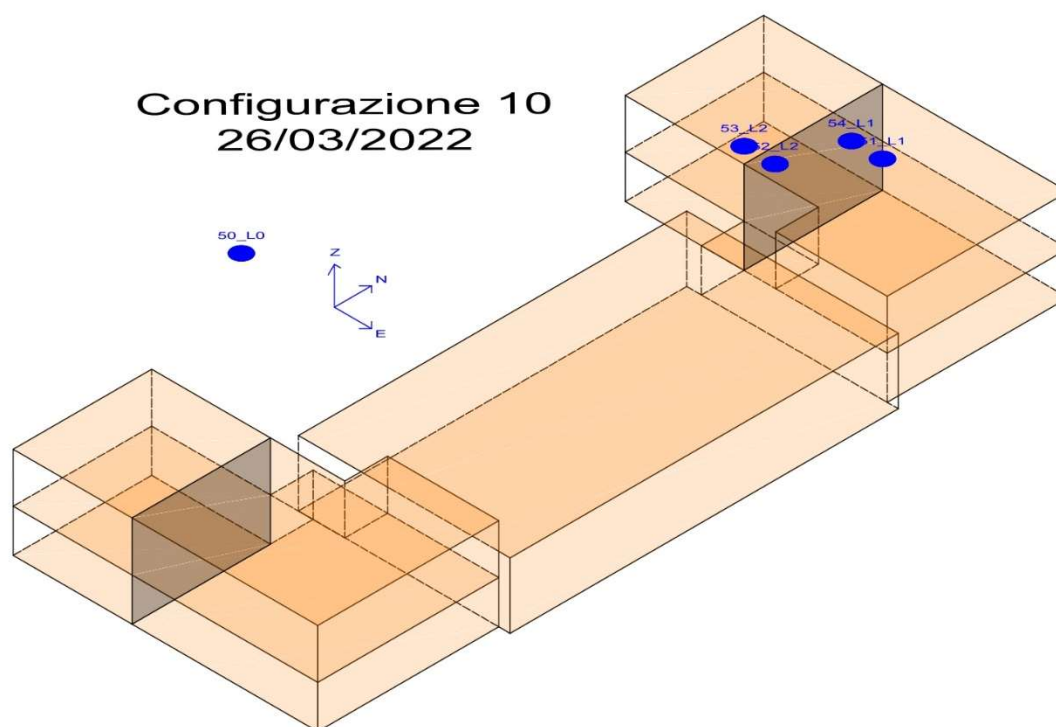


Figura 98 - Configurazione 10 - 26/03/2022

CONFIGURAZIONE 10 - 26/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		16,25,00	16,40,00
REGISTRAZIONE PULITA	ACC_50_PT01	16,33,00	16,39,00
	ACC_51_PT02	16,25,00	16,39,00
	ACC_52_PT03	16,25,00	16,39,00
	ACC_53_PT04	16,25,00	16,39,00
	ACC_54_PT05	16,25,00	16,39,00

Figura 99 - Configurazione 10 - 26/03/2022

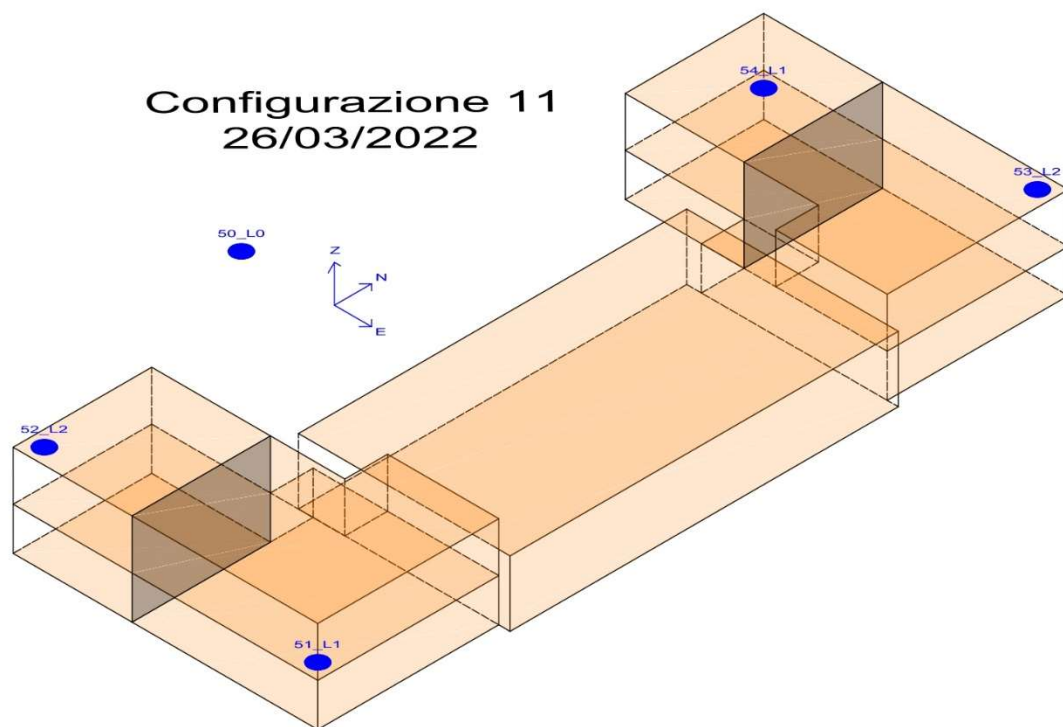


Figura 100 - Configurazione 11 - 26/03/2022

CONFIGURAZIONE 11 - 26/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		16,49,00	17,05,00
REGISTRAZIONE PULITA	ACC_50_PT01	16,54,00	16,55,30
	ACC_51_PT02	16,49,00	17,05,00
	ACC_52_PT03	16,49,00	17,05,00
	ACC_53_PT04	16,49,00	17,05,00
	ACC_54_PT05	16,49,00	17,05,00

Figura 101 - Configurazione 11 - 26/03/2022

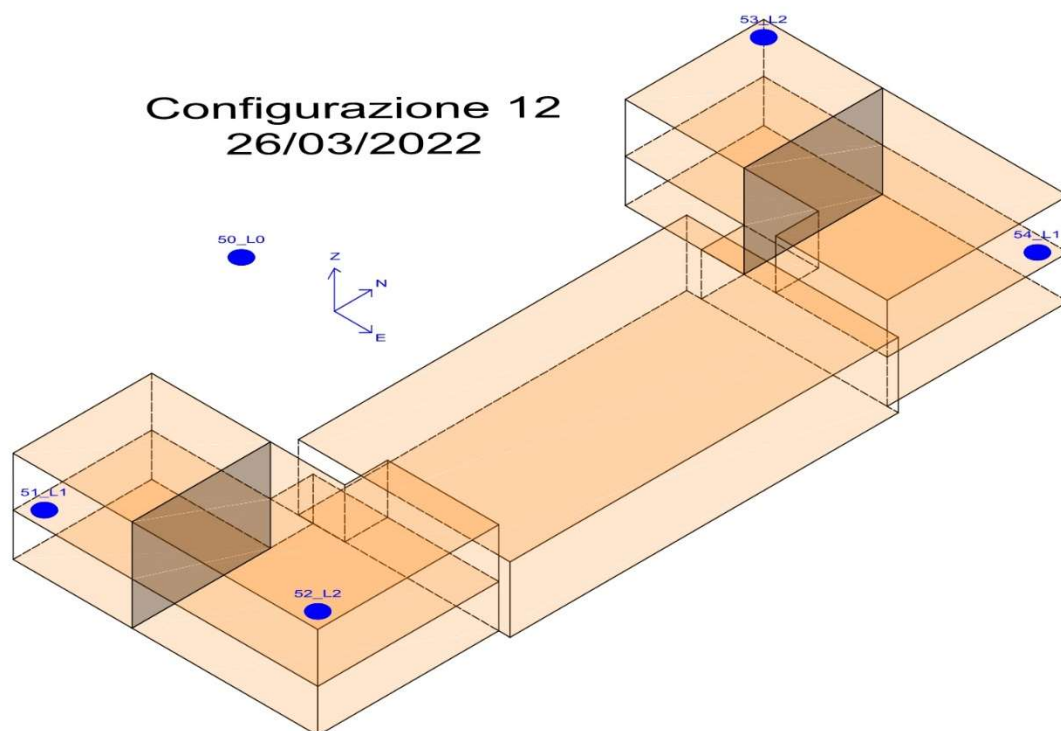


Figura 102 - Configurazione 12 - 26/03/2022

CONFIGURAZIONE 12 - 26/03/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		17,30,00	17,50,00
REGISTRAZIONE PULITA	ACC_50_PT01	17,34,00	17,40,30
	ACC_51_PT02	17,30,00	17,50,00
	ACC_52_PT03	17,30,00	17,50,00
	ACC_53_PT04	17,30,00	17,50,00
	ACC_54_PT05	17,30,00	17,48,00

Figura 103 - Configurazione 12 - 26/03/2022

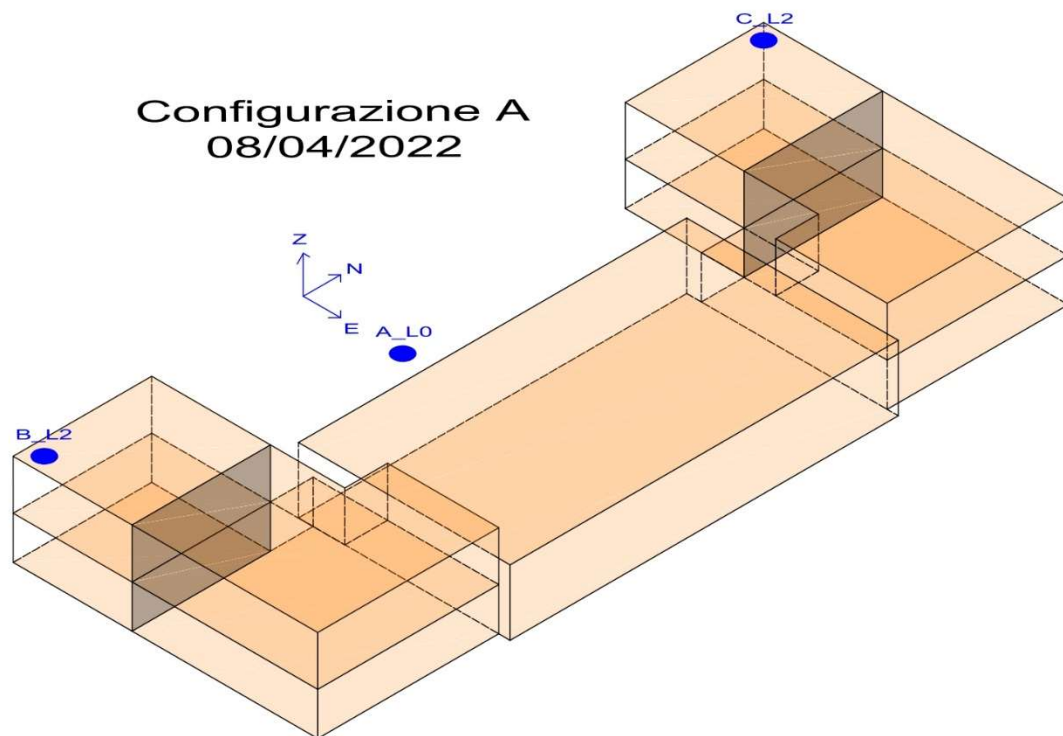


Figura 104 - Configurazione A - 08/04/2022

CONFIGURAZIONE A - 08/04/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		15,00,00	15,15,00
REGISTRAZIONE PULITA	ACC_A_EB357	15,06,00	15,09,00
	ACC_B_EB358	15,06,00	15,09,00
	ACC_C_EB364	15,06,00	15,09,00

Figura 105 - Configurazione A - 08/04/2022

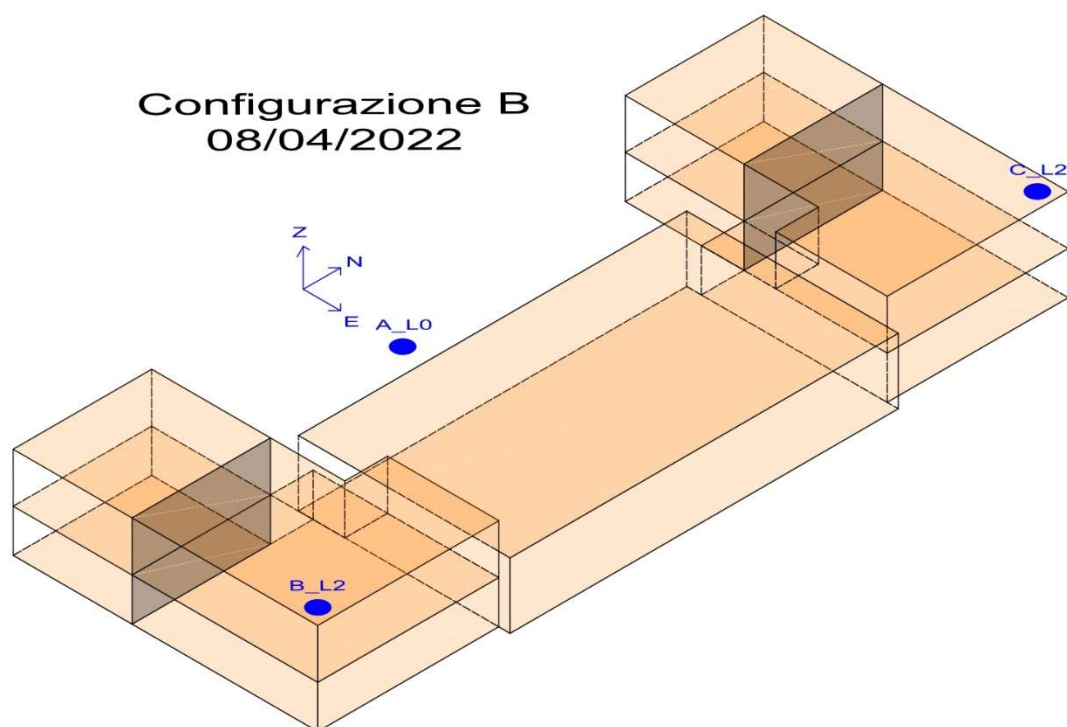


Figura 106 - Configurazione B - 08/04/2022

CONFIGURAZIONE B - 08/04/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		15,25,00	15,40,00
REGISTRAZIONE PULITA	ACC_A_EB357	15,33,30	15,37,30
	ACC_B_EB358	15,33,30	15,37,30
	ACC_C_EB364	15,33,30	15,37,30

Figura 107 - Configurazione B - 08/04/2022

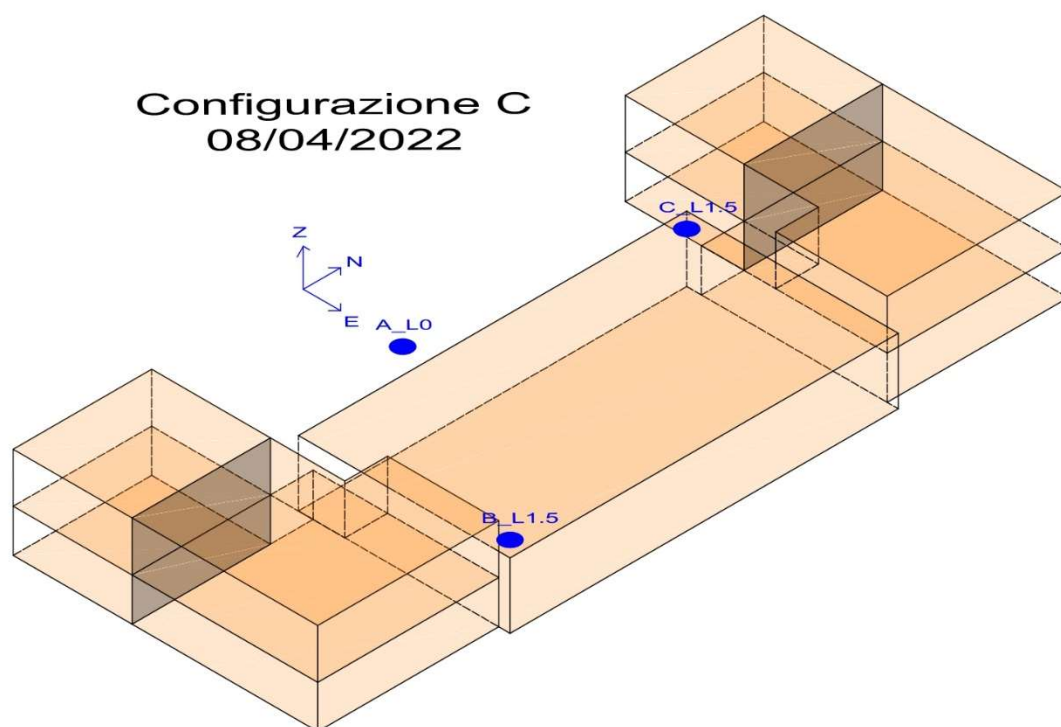


Figura 108 - Configurazione C - 08/04/2022

CONFIGURAZIONE C - 08/04/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		15,45,00	16,00,00
REGISTRAZIONE PULITA	ACC_A_EB357	15,52,00	15,55,30
	ACC_B_EB358	15,52,00	15,55,30
	ACC_C_EB364	15,52,00	15,55,30

Figura 109 - Configurazione C - 08/04/2022

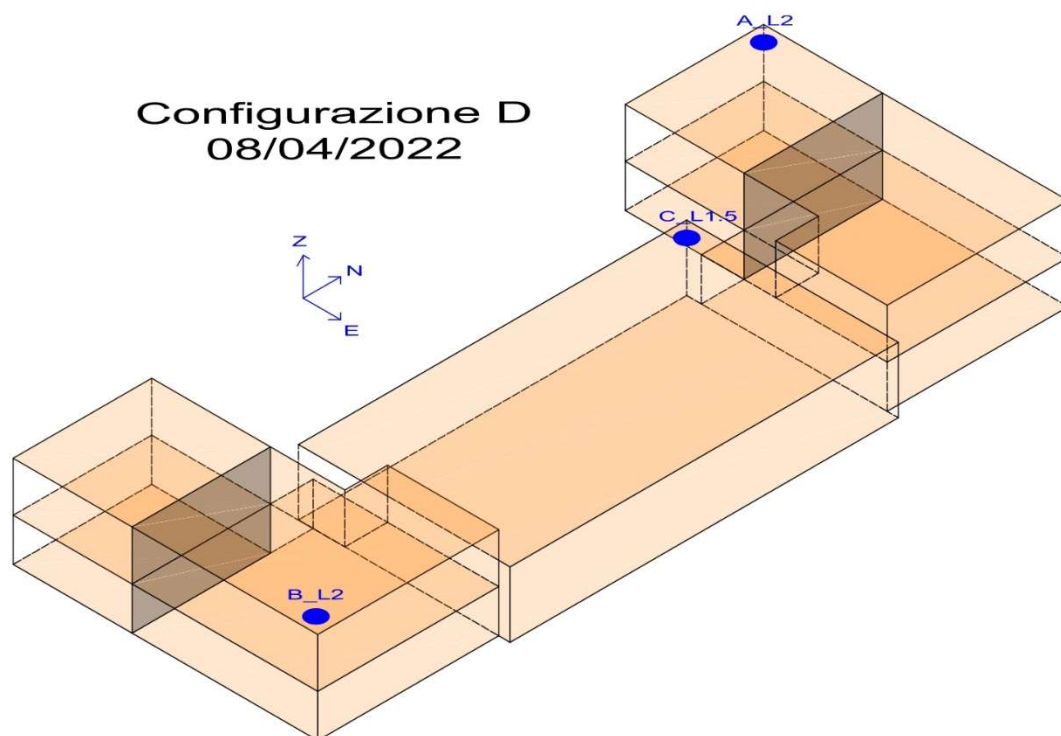


Figura 110 - Configurazione D - 08/04/2022

CONFIGURAZIONE D - 08/04/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		16,05,00	16,20,00
REGISTRAZIONE PULITA	ACC_A_EB357	16,07,00	16,16,30
	ACC_B_EB358	16,10,00	16,14,30
	ACC_C_EB364	16,10,00	16,14,30

Figura 111 - Configurazione D - 08/04/2022

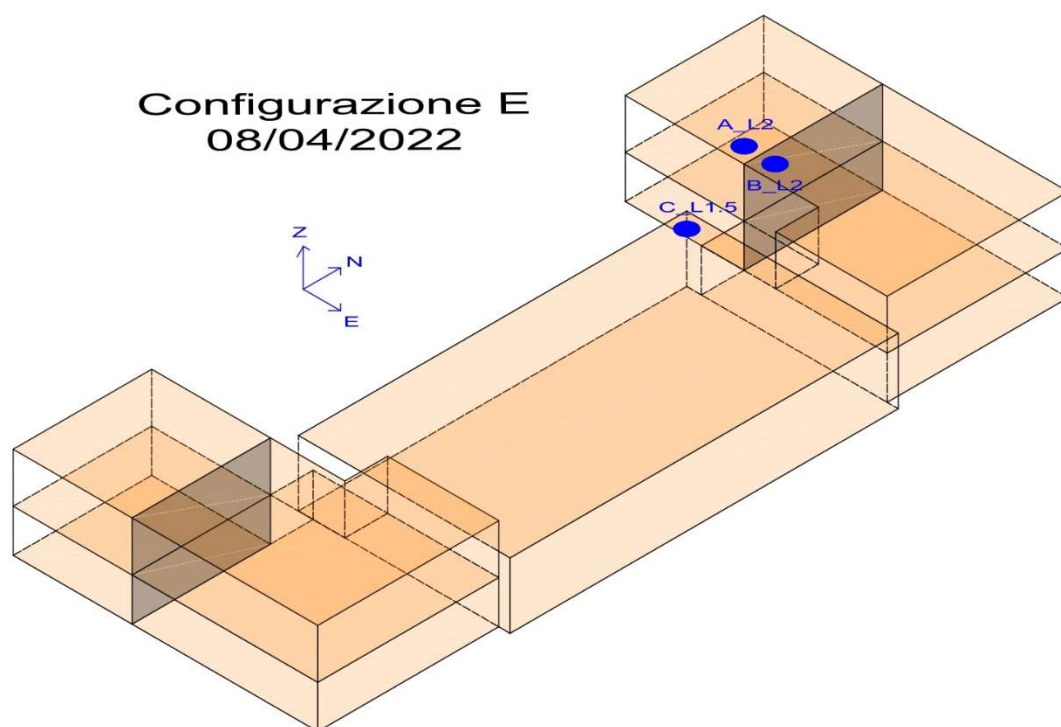


Figura 112 - Configurazione E - 08/04/2022

CONFIGURAZIONE E - 08/04/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		16,27,00	16,40,00
REGISTRAZIONE PULITA	ACC_A_EB357	16,31,30	16,37,30
	ACC_B_EB358	16,31,30	16,37,30
	ACC_C_EB364	16,31,30	16,37,30

Figura 113 - Configurazione E - 08/04/2022

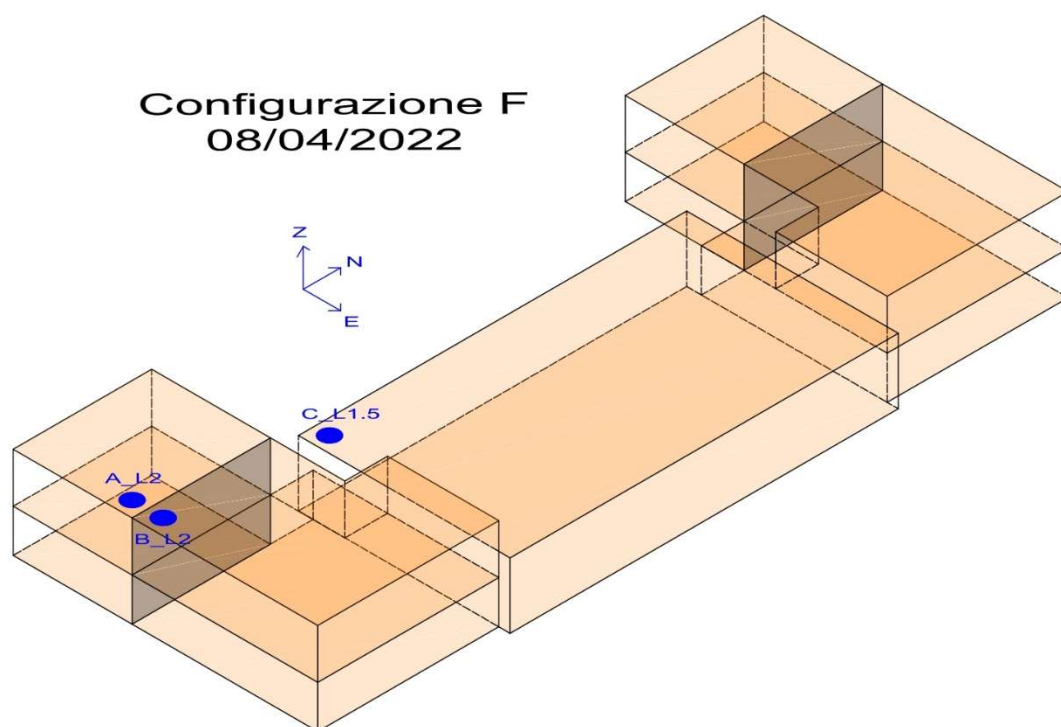


Figura 114 - Configurazione F - 08/04/2022

CONFIGURAZIONE F - 08/04/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		16,47,00	17,05,00
REGISTRAZIONE PULITA	ACC_A_EB357	16,48,00	16,58,00
	ACC_B_EB358	16,48,00	16,58,00
	ACC_C_EB364	16,48,00	16,58,00

Figura 115 - Configurazione F - 08/04/2022

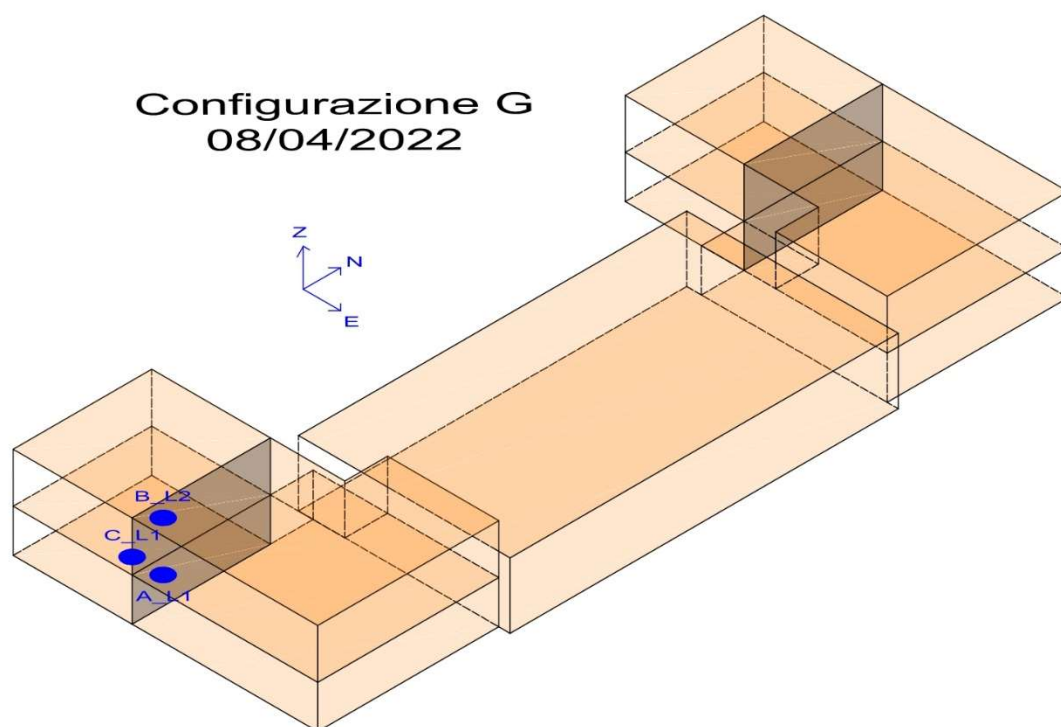


Figura 116 - Configurazione G - 08/04/2022

CONFIGURAZIONE G - 08/04/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		17,15,00	17,28,00
REGISTRAZIONE PULITA	ACC_A_EB357	17,20,30	17,27,00
	ACC_B_EB358	17,20,30	17,27,00
	ACC_C_EB364	17,20,30	17,27,00

Figura 117 - Configurazione G - 08/04/2022

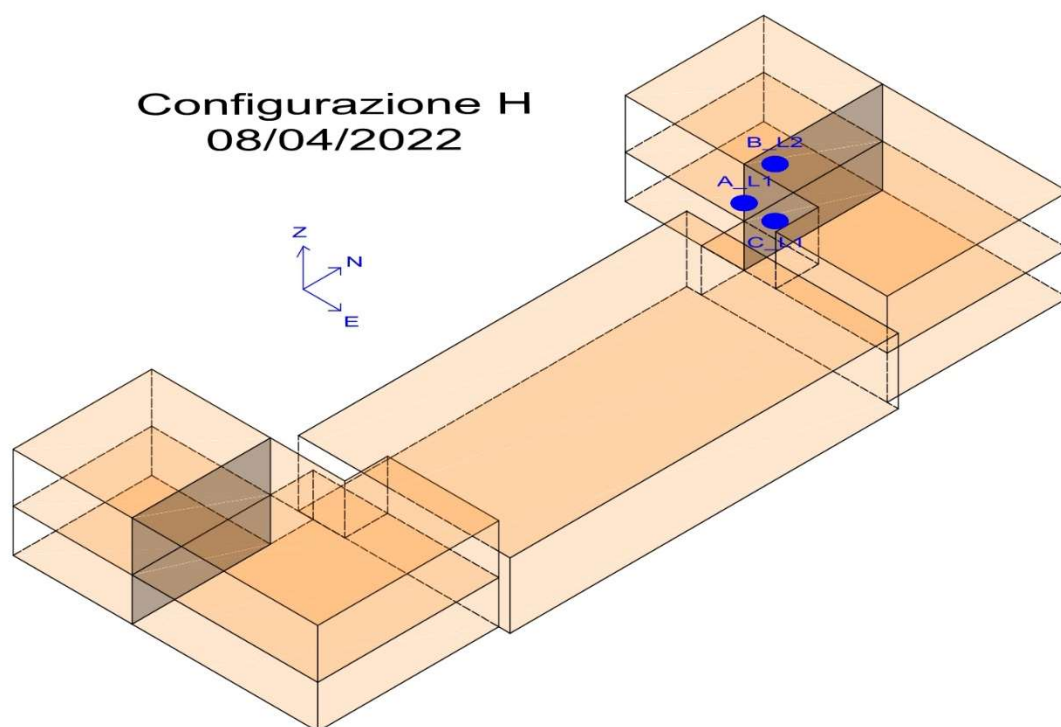


Figura 118 - Configurazione H - 08/04/2022

CONFIGURAZIONE H - 08/04/2022		START TIME	END TIME
REGISTRAZIONE EFFETTIVA		17,38,00	17,53,00
REGISTRAZIONE PULITA	ACC_A_EB357	17,45,30	17,53,00
	ACC_B_EB358	17,45,30	17,53,00
	ACC_C_EB364	17,45,30	17,53,00

Figura 119 - Configurazione H - 08/04/2022

ALLEGATO 6

Risultati della identificazione dinamica

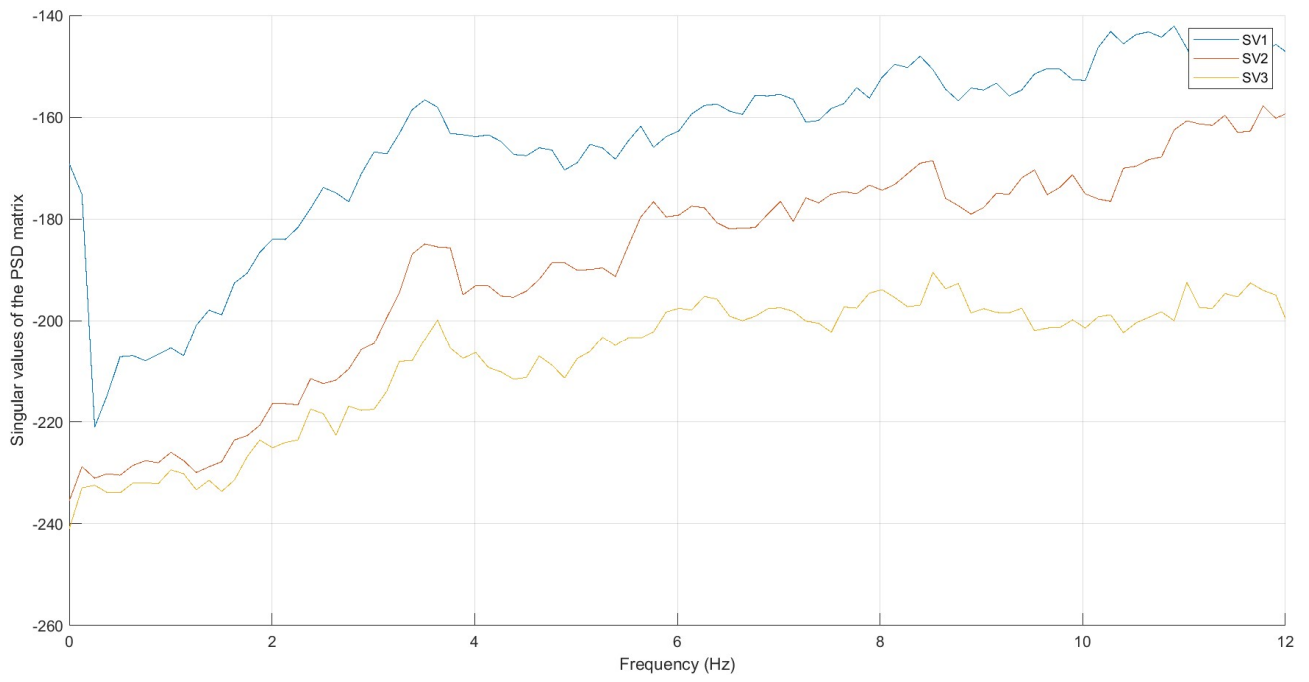


Figura 120 - FDD_CONF-1_COMP-E

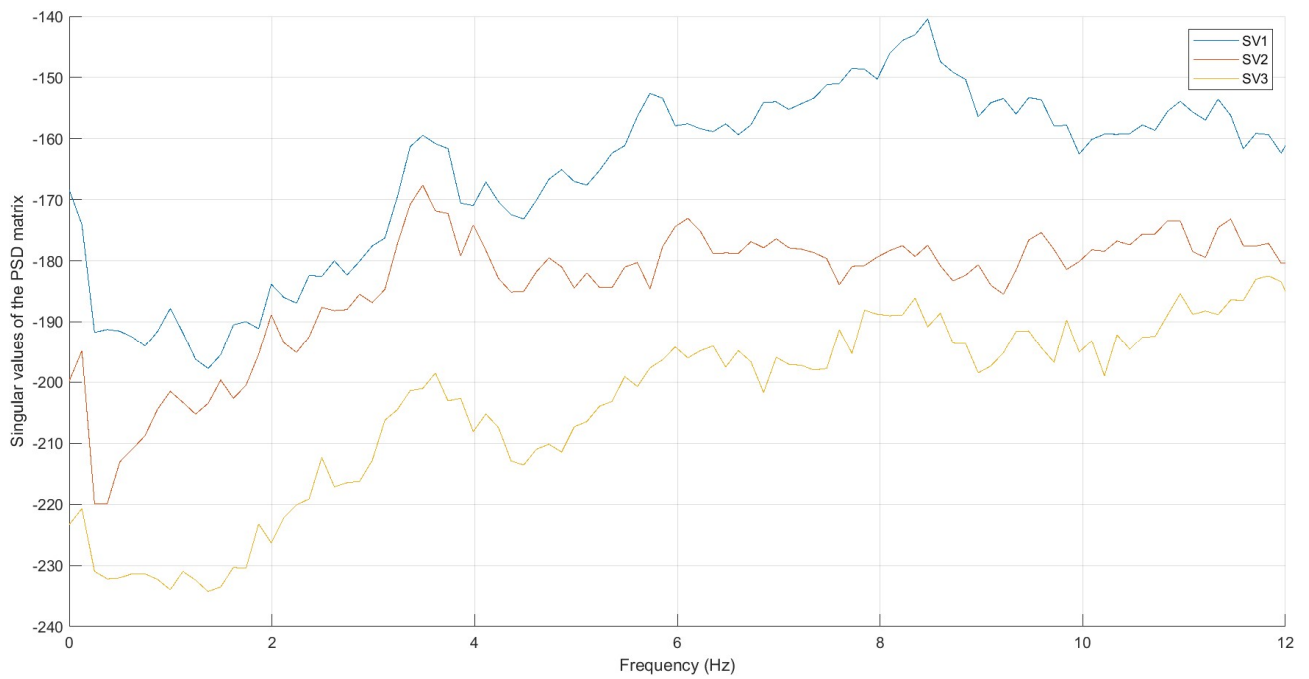


Figura 121 - FDD_CONF-1_COMP-N

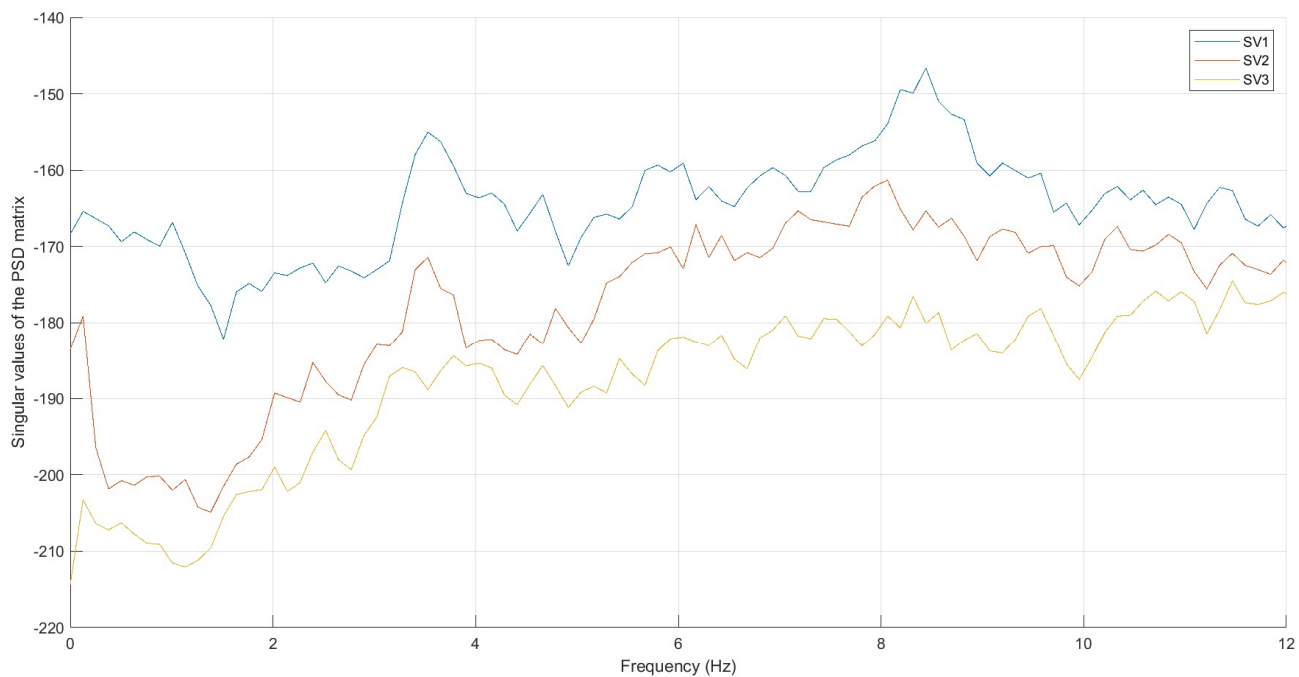


Figura 122 – FDD_CONF-1_COMP-Z

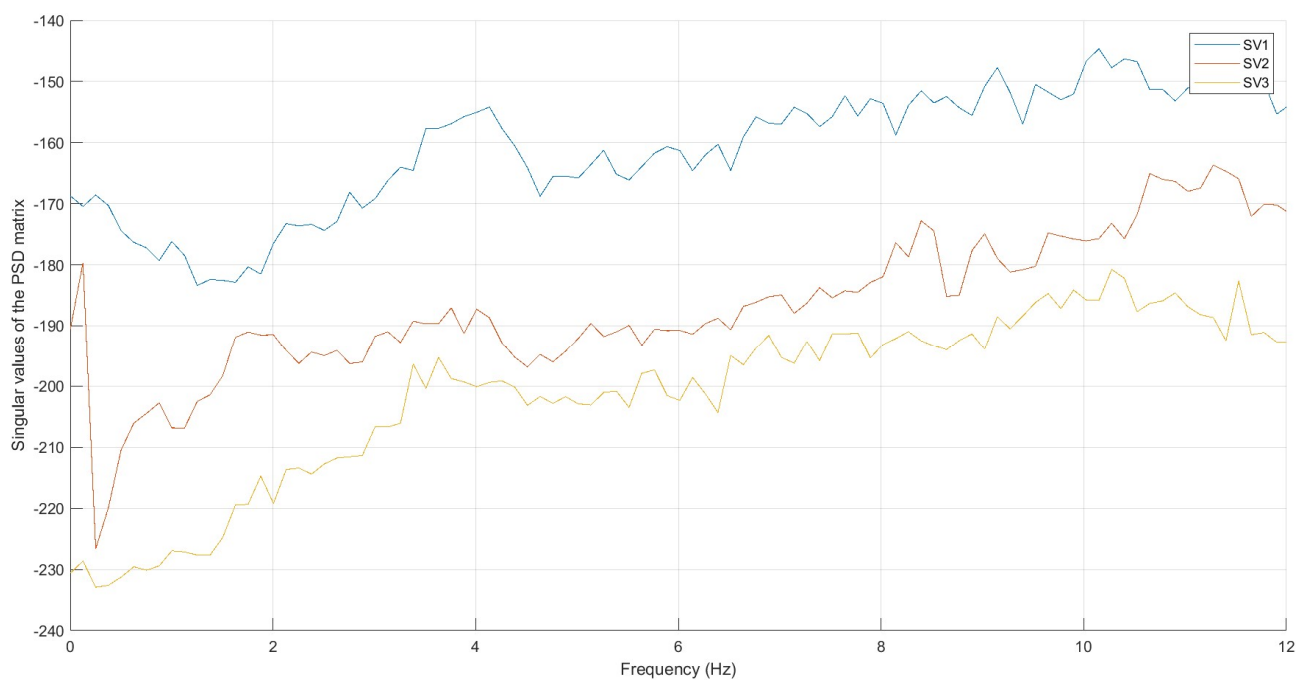


Figura 123 - FDD_CONF-2_COMP-E

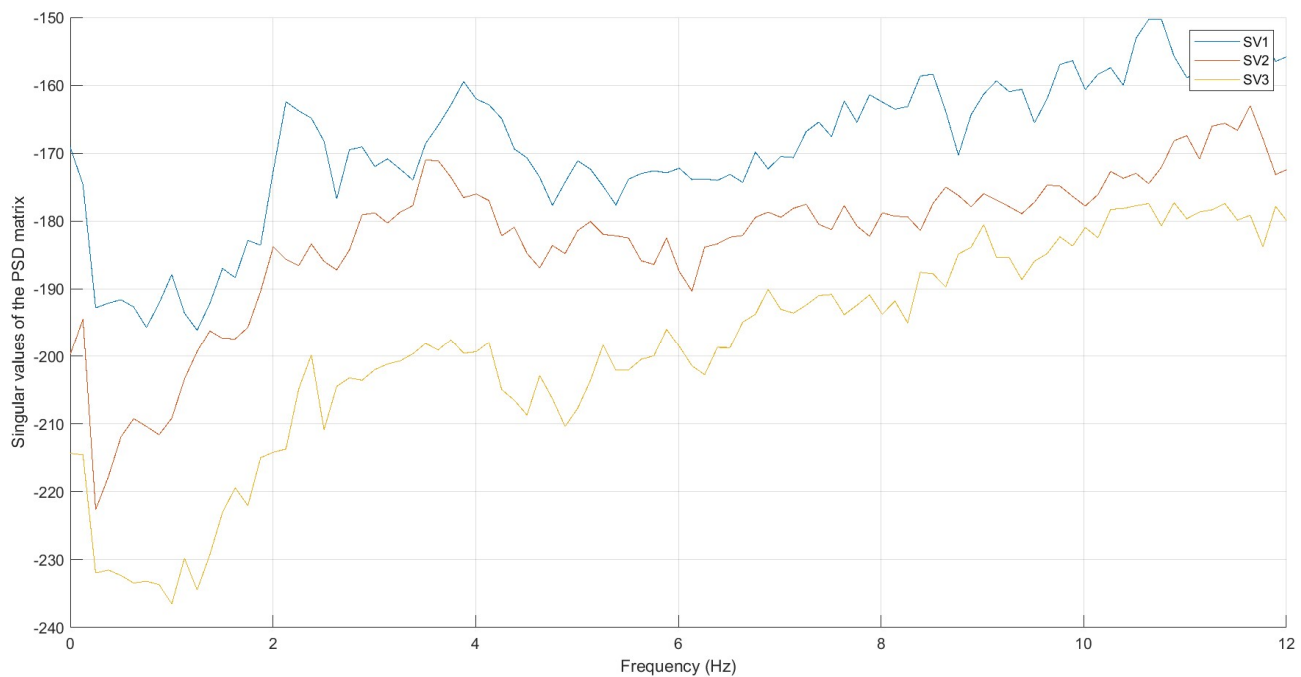


Figura 124 – FDD_CONF-2_COMP-N

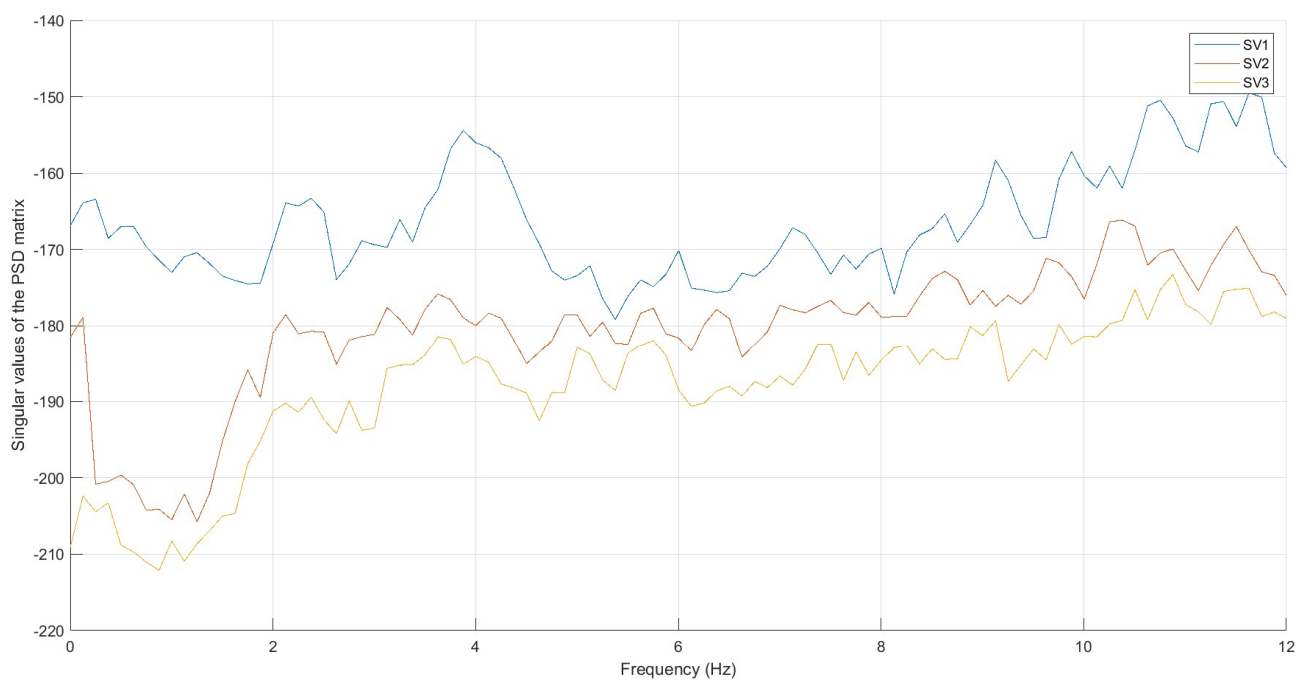


Figura 125 - FDD_CONF-2_COMP-Z

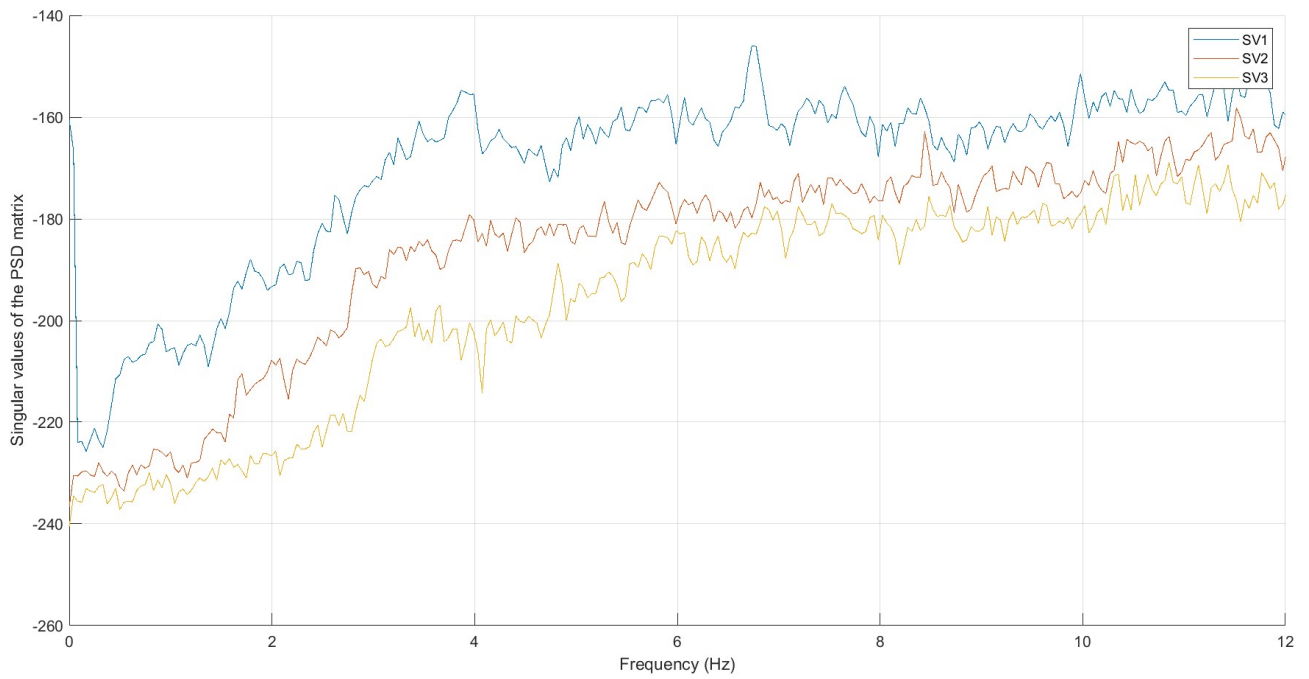


Figura 126 - FDD_CONF-3_COMP-E

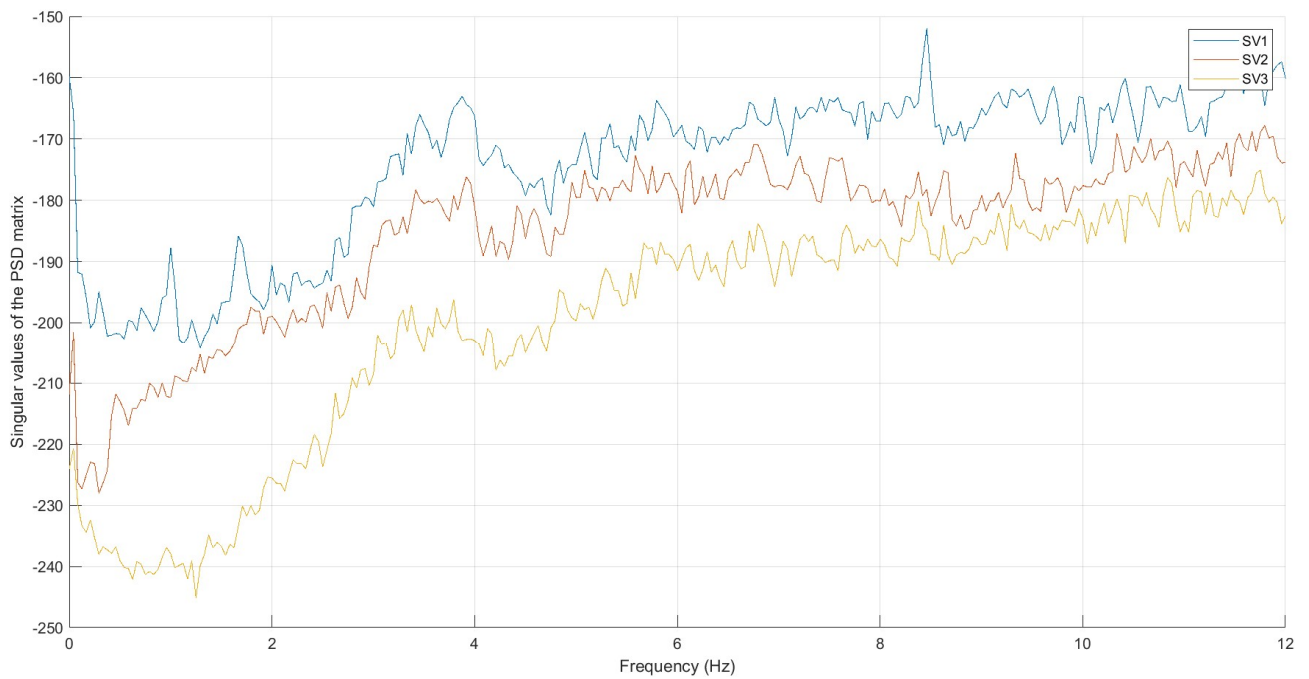


Figura 127 - FDD_CONF-3_COMP-N

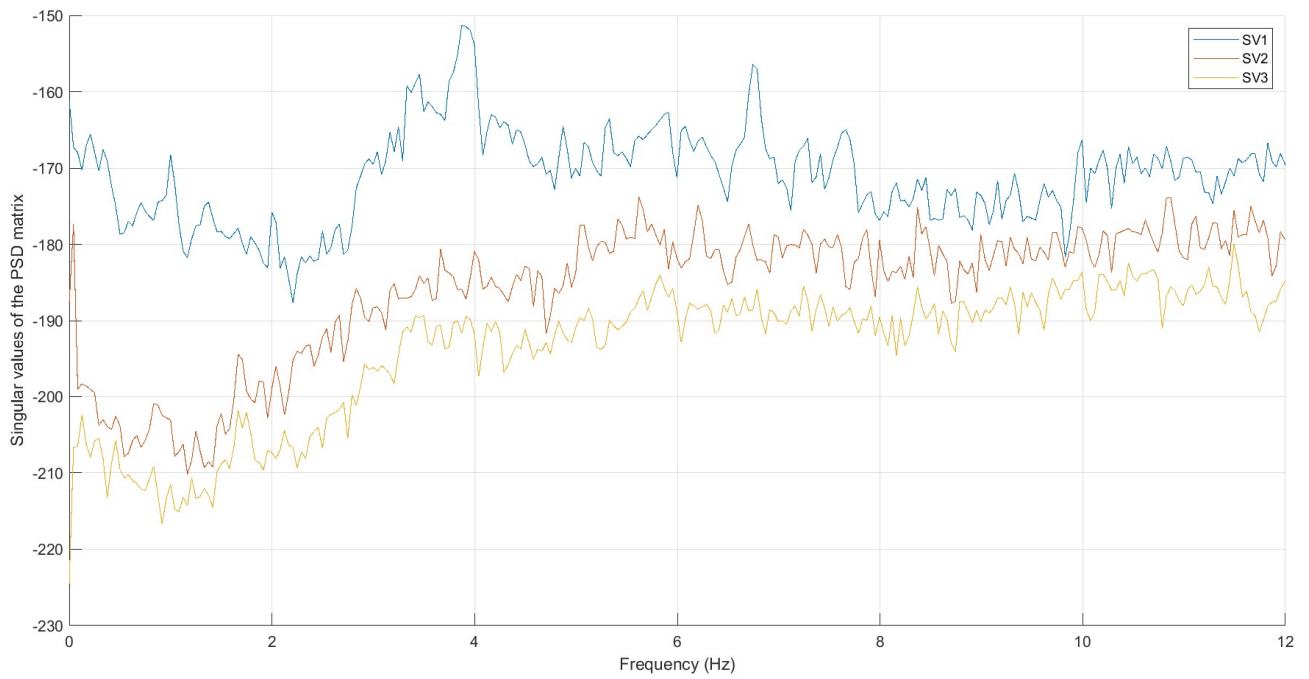


Figura 128 - FDD_CONF-3_COMP-Z

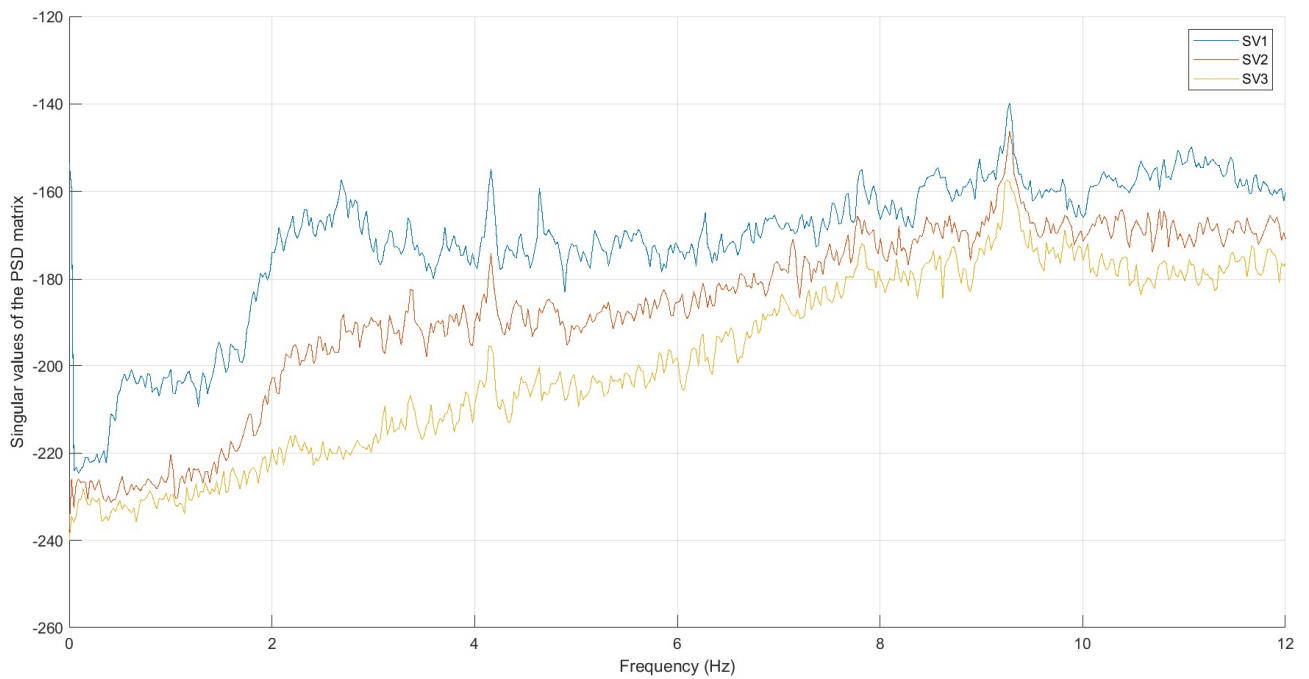


Figura 129 - FDD_CONF-4_COMP-E

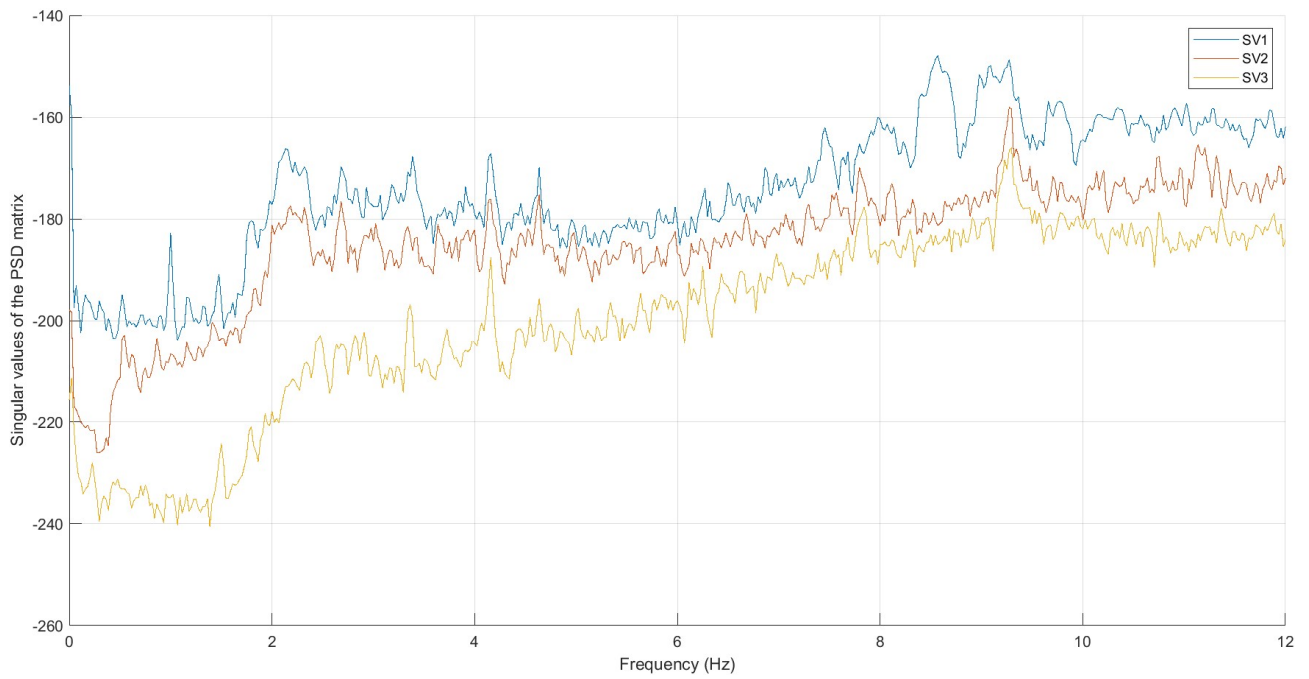


Figura 130 - FDD_CONF-4_COMP-N

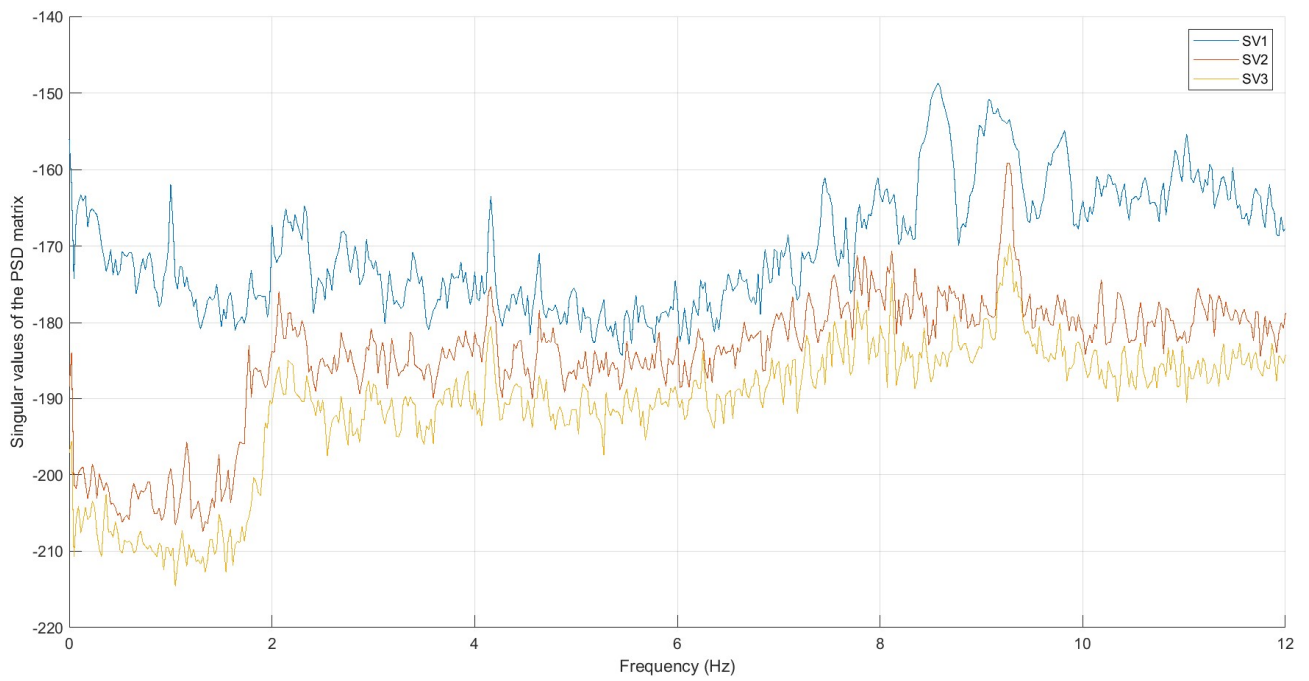


Figura 131 - FDD_CONF-4_COMP-Z

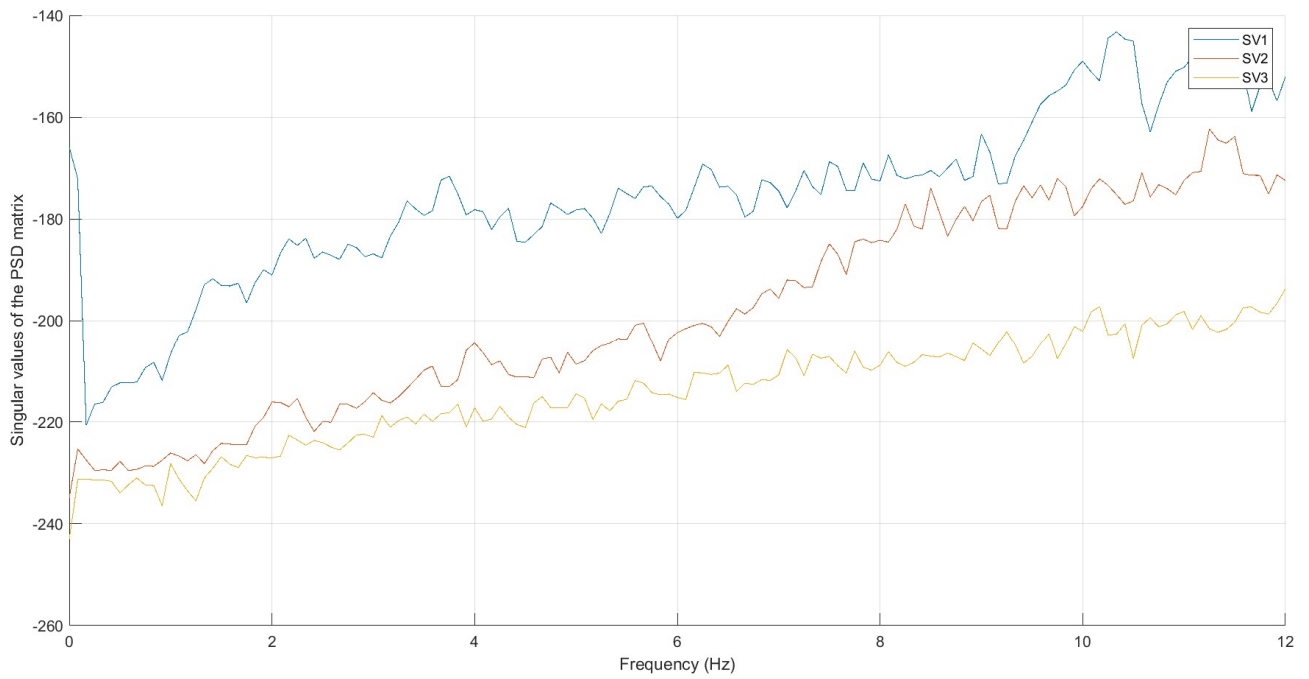


Figura 132 - FDD_CONF-5_COMP-E

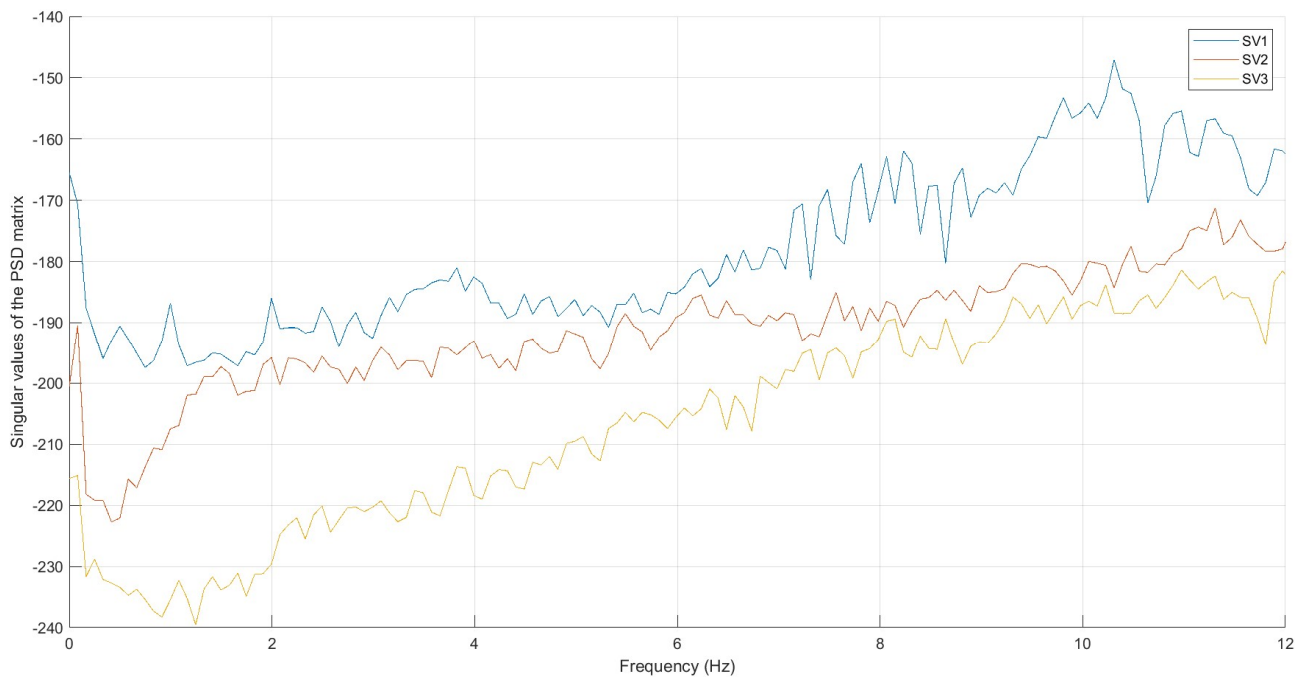


Figura 133 - FDD_CONF-5_COMP-N

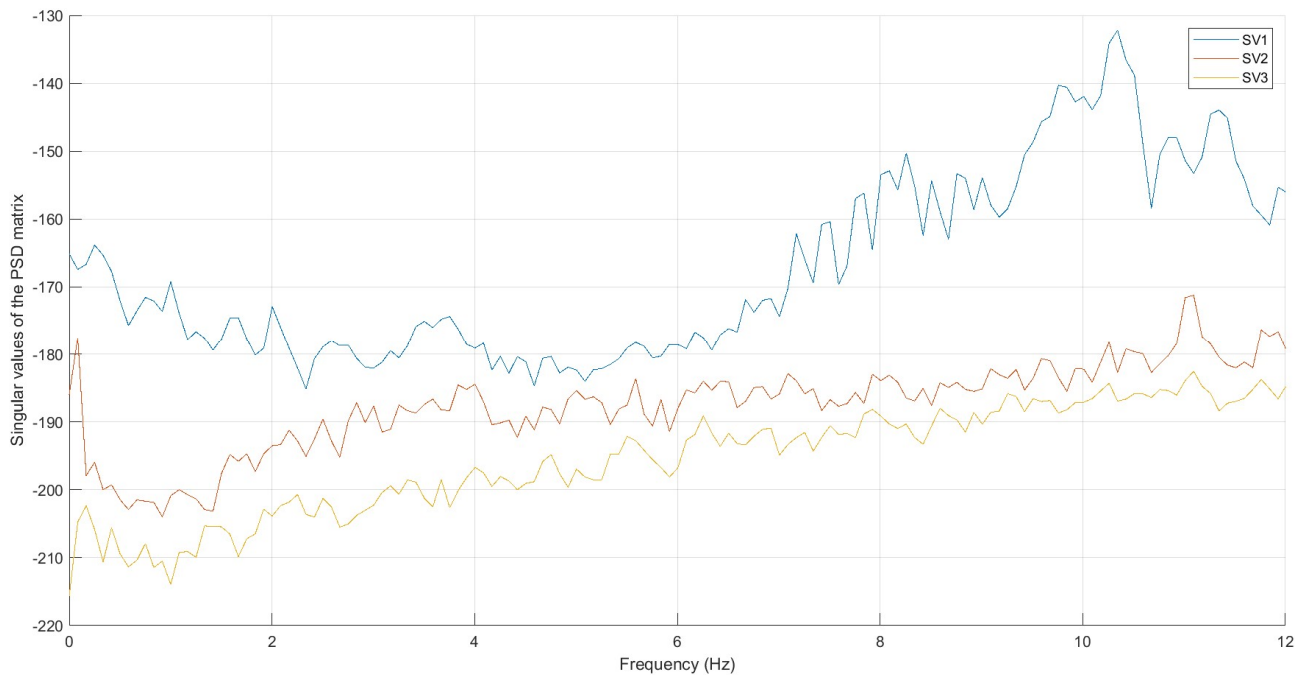


Figura 134 - FDD_CONF-5_COMP-Z

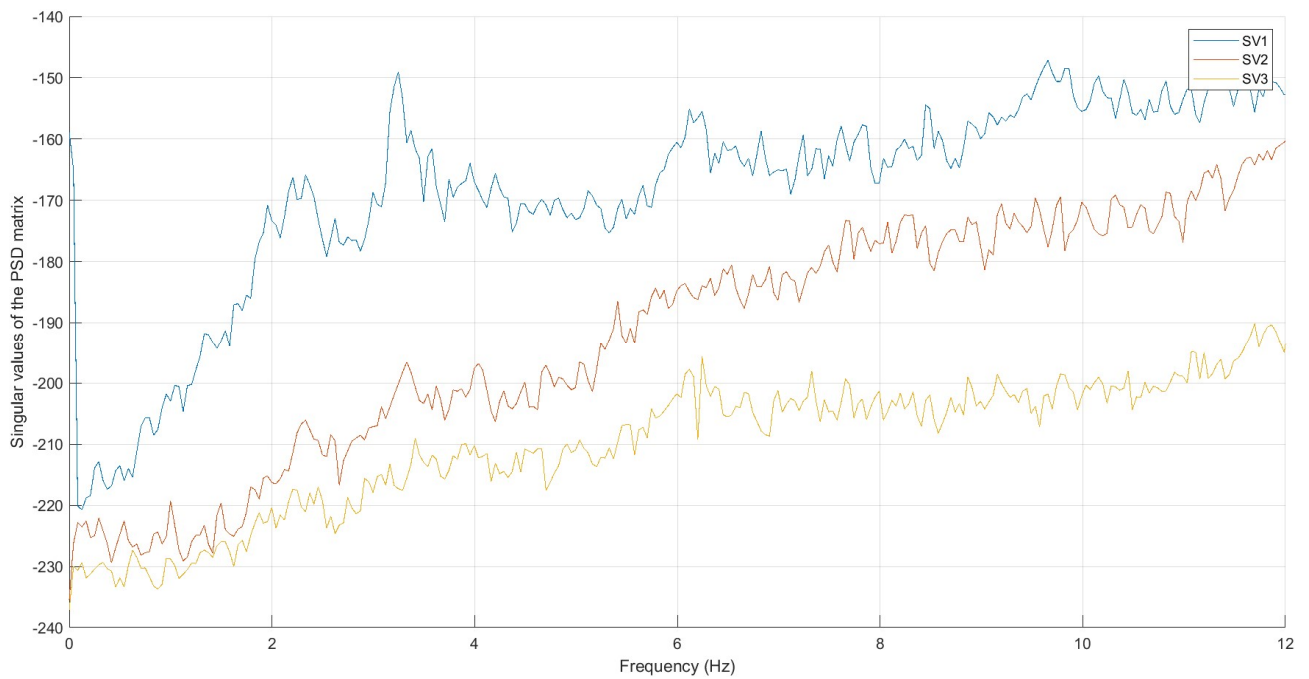


Figura 135 - FDD_CONF-6_COMP-E

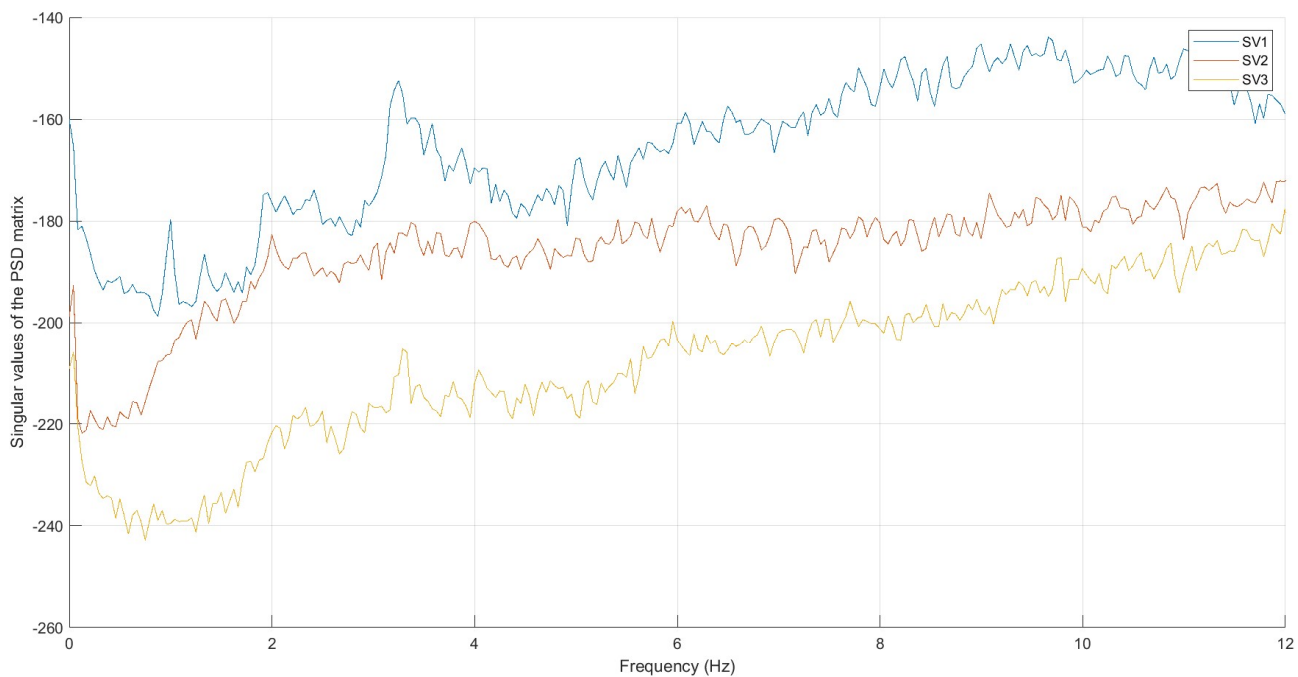


Figura 136 - FDD_CONF-6_COMP-N

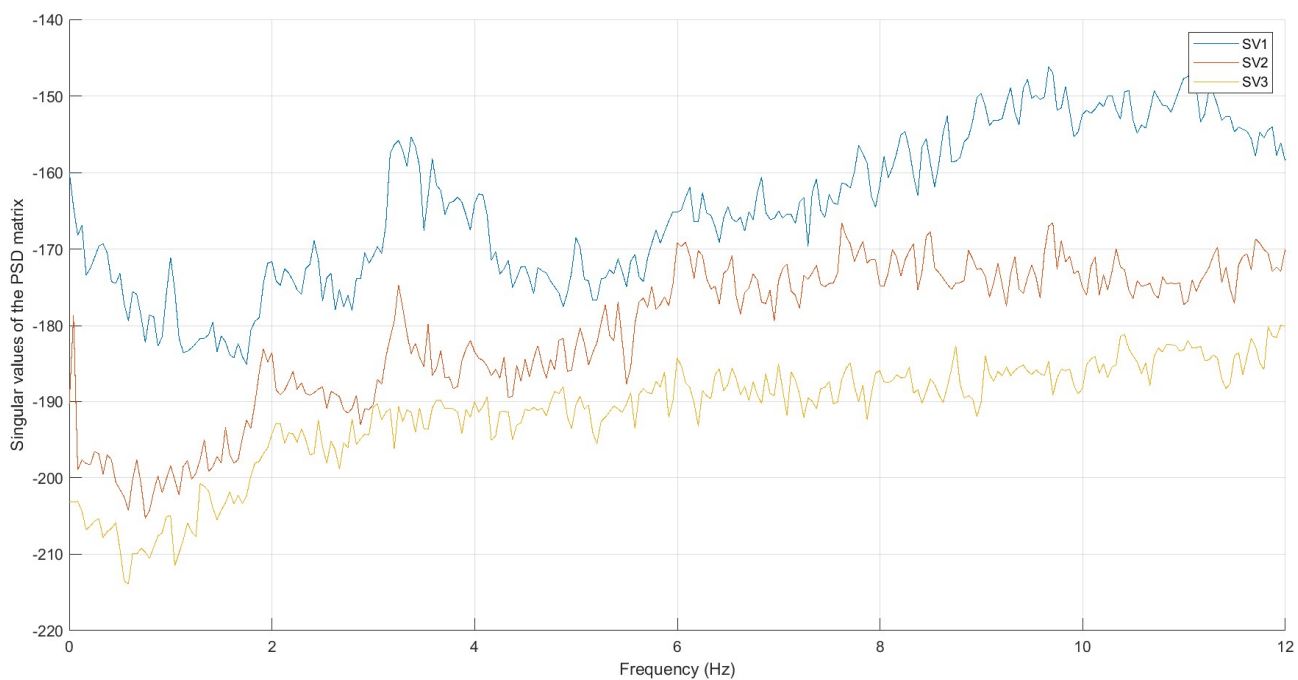


Figura 137 - FDD_CONF-6_COMP-Z

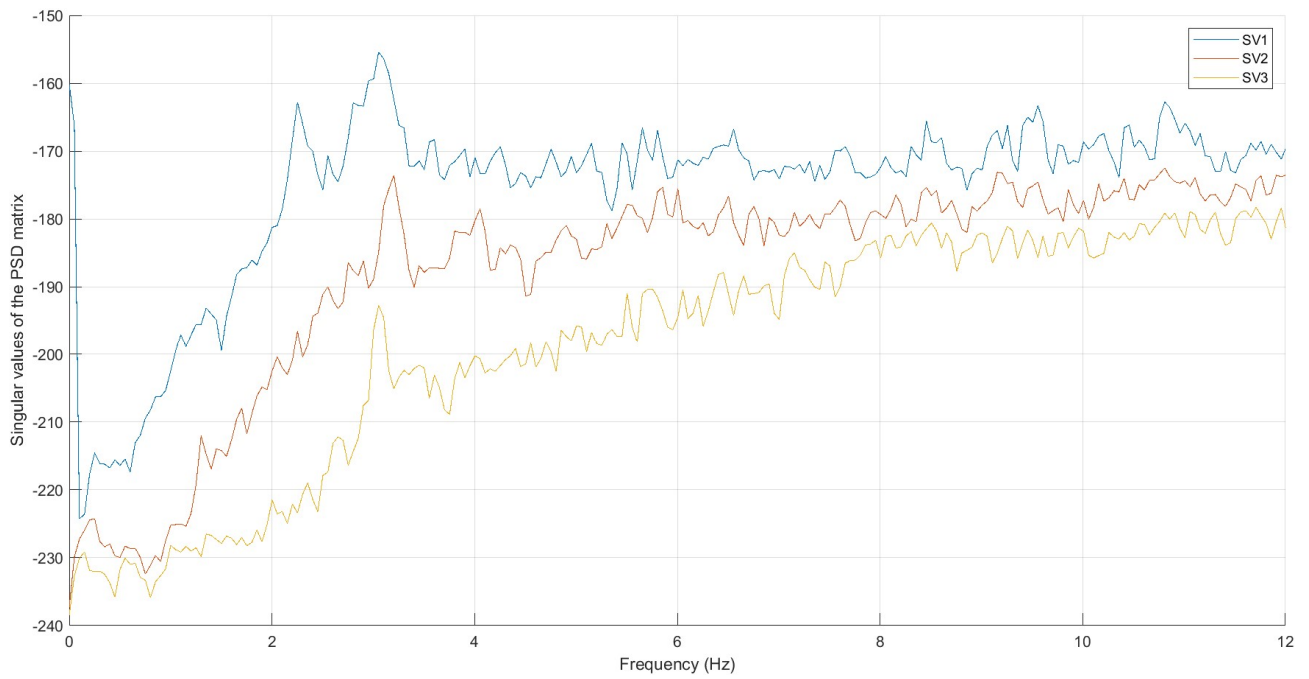


Figura 138 - FDD_CONF-7_COMP-E

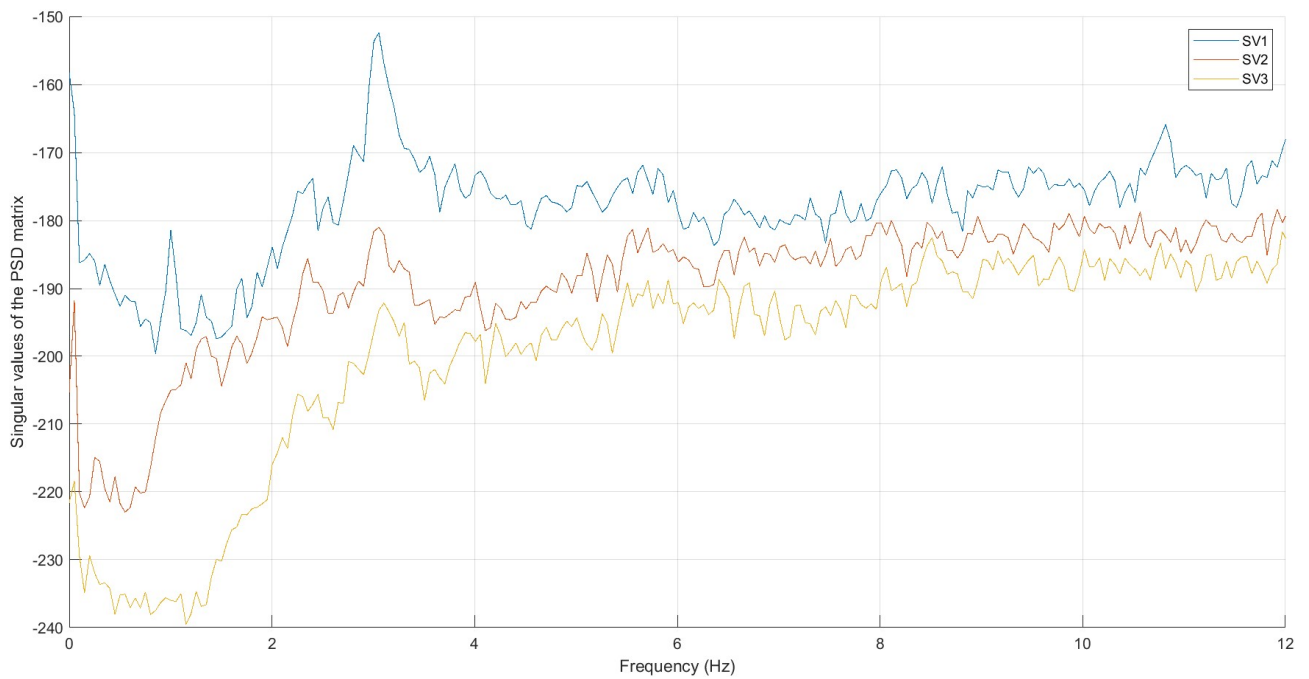


Figura 139 - FDD_CONF-7_COMP-N

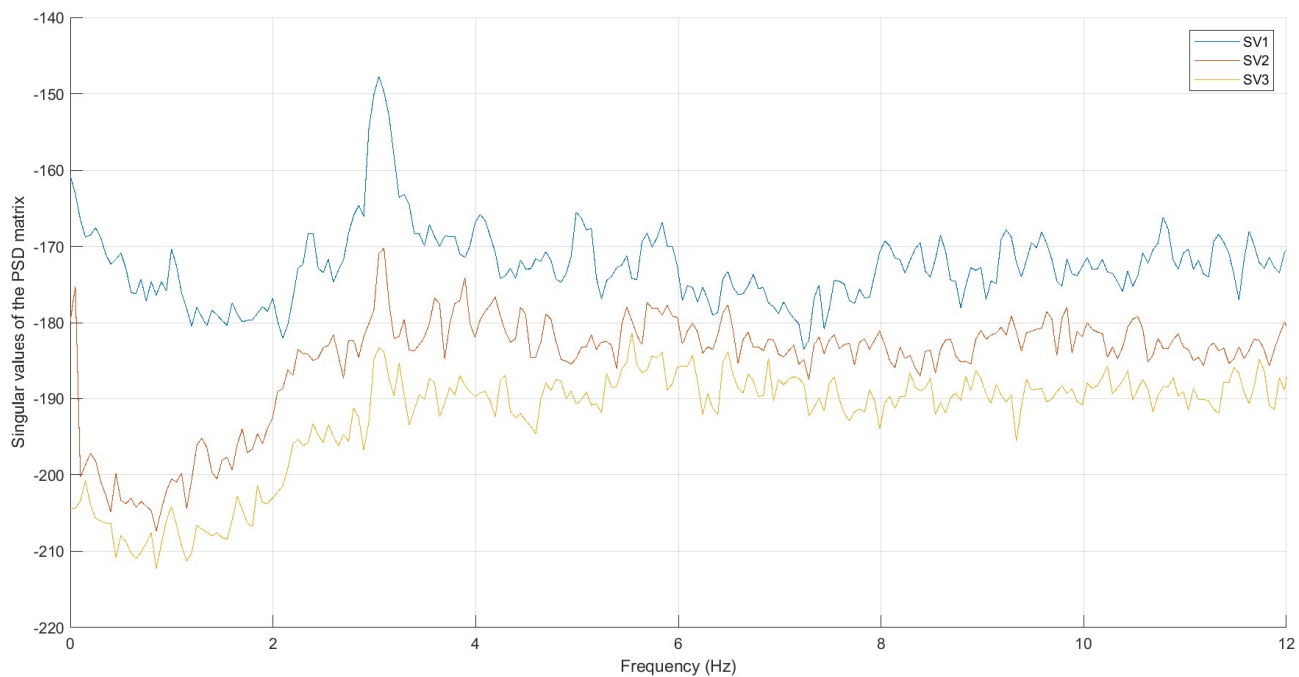


Figura 140 - FDD_CONF-7_COMP-Z

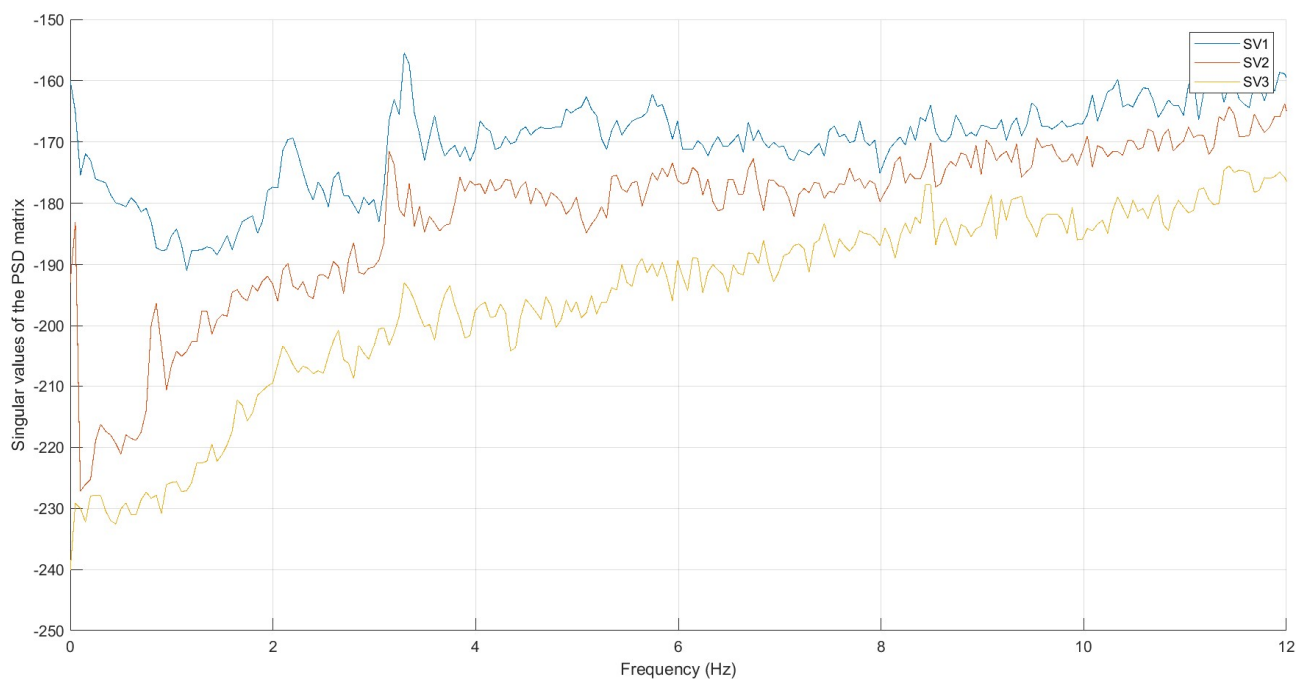


Figura 141 - FDD_CONF-8_COMP-E

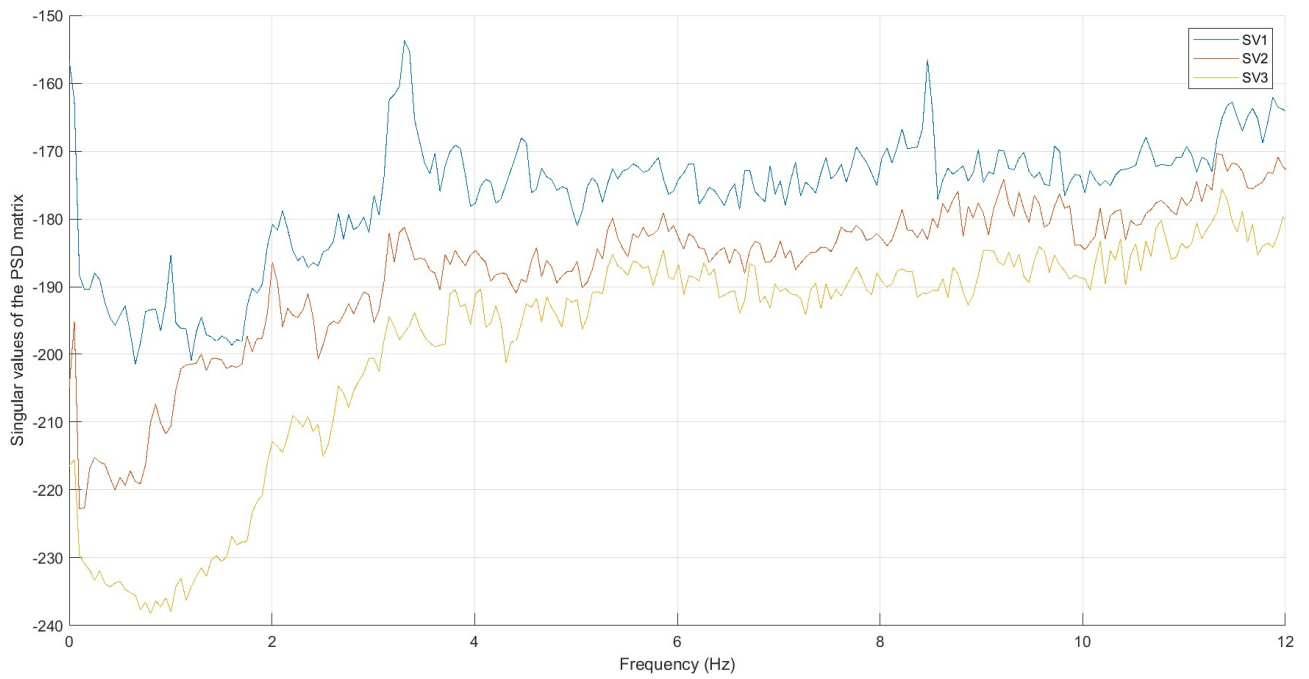


Figura 142 - FDD_CONF-8_COMP-N

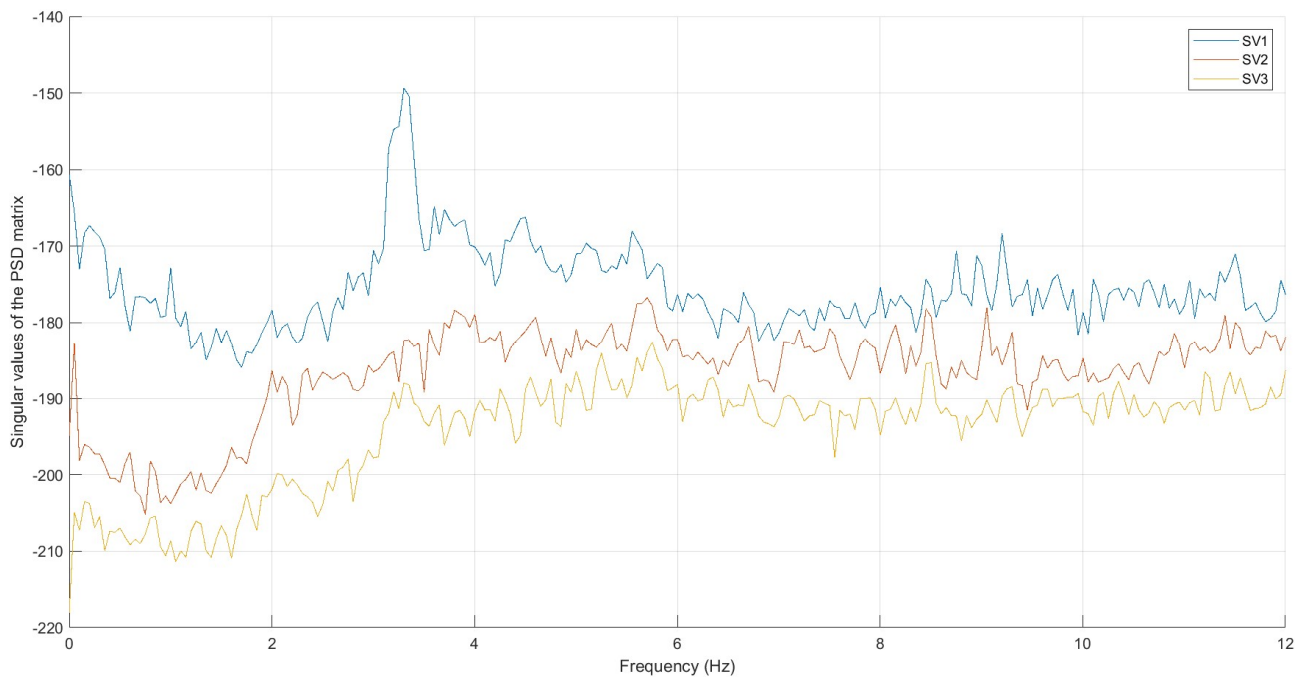


Figura 143 - FDD_CONF-8_COMP-Z

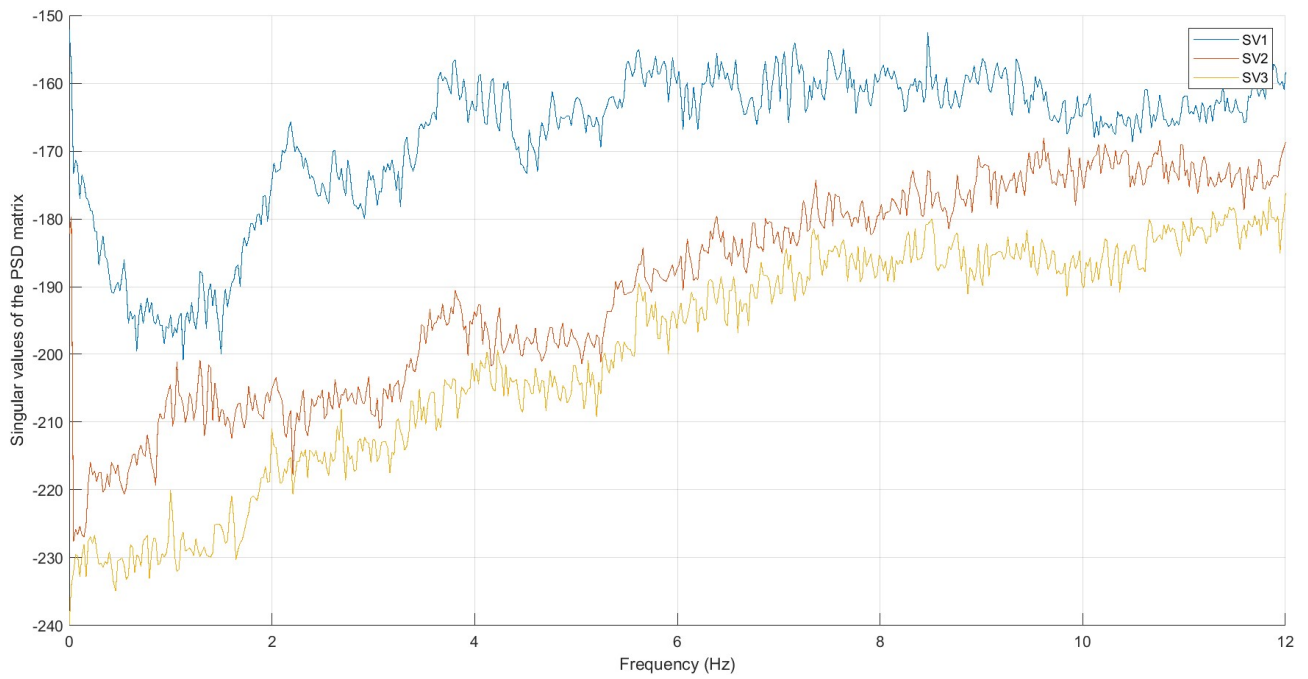


Figura 144 - FDD_CONF-9_COMP-E

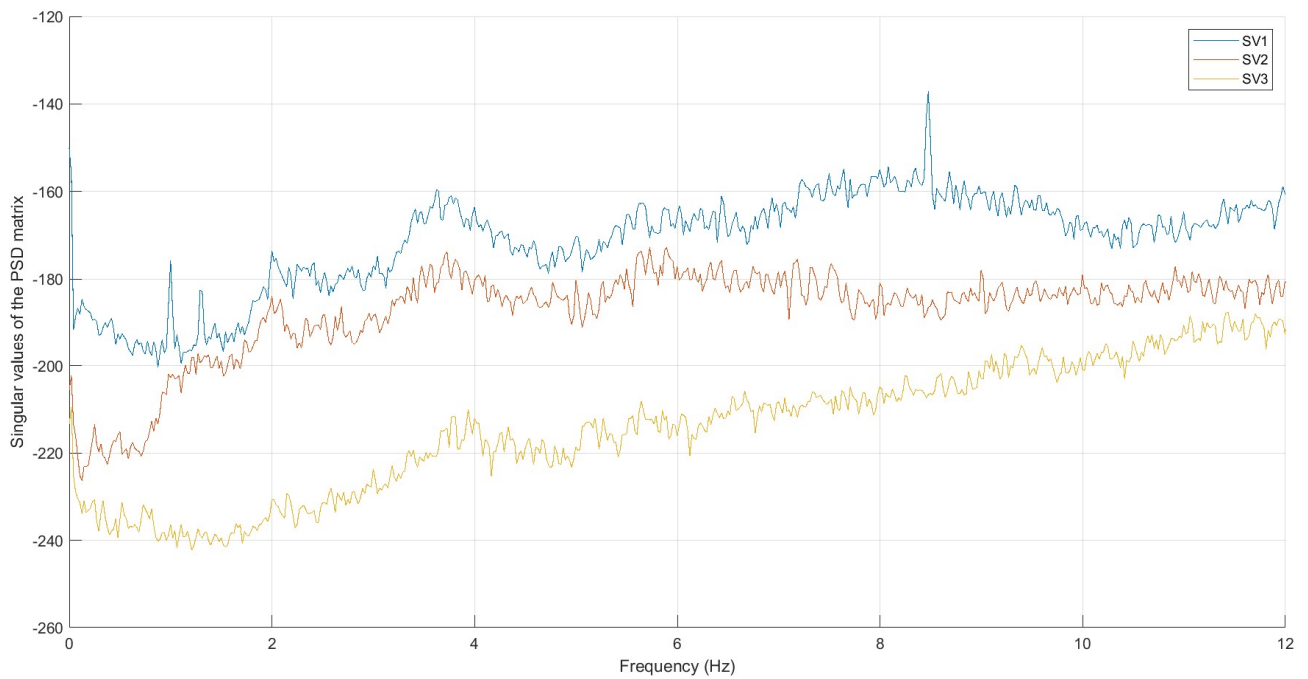


Figura 145 - FDD_CONF-9_COMP-N

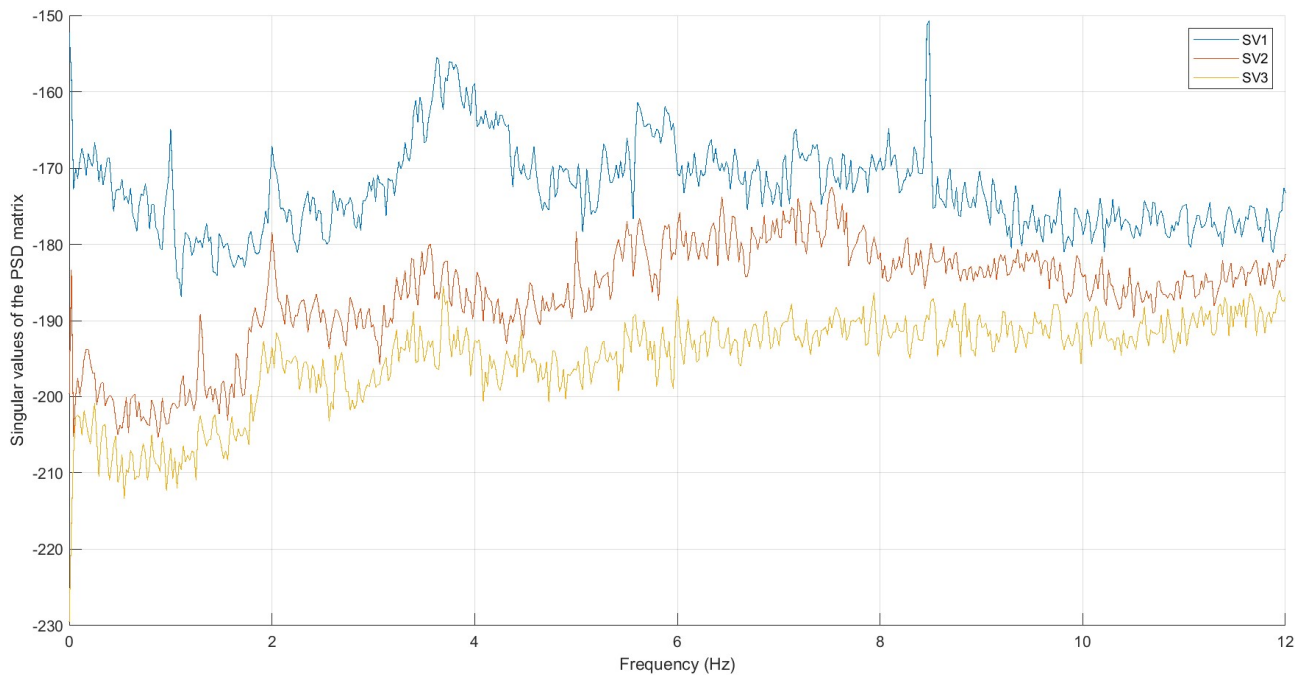


Figura 146 - FDD_CONF-9_COMP-Z

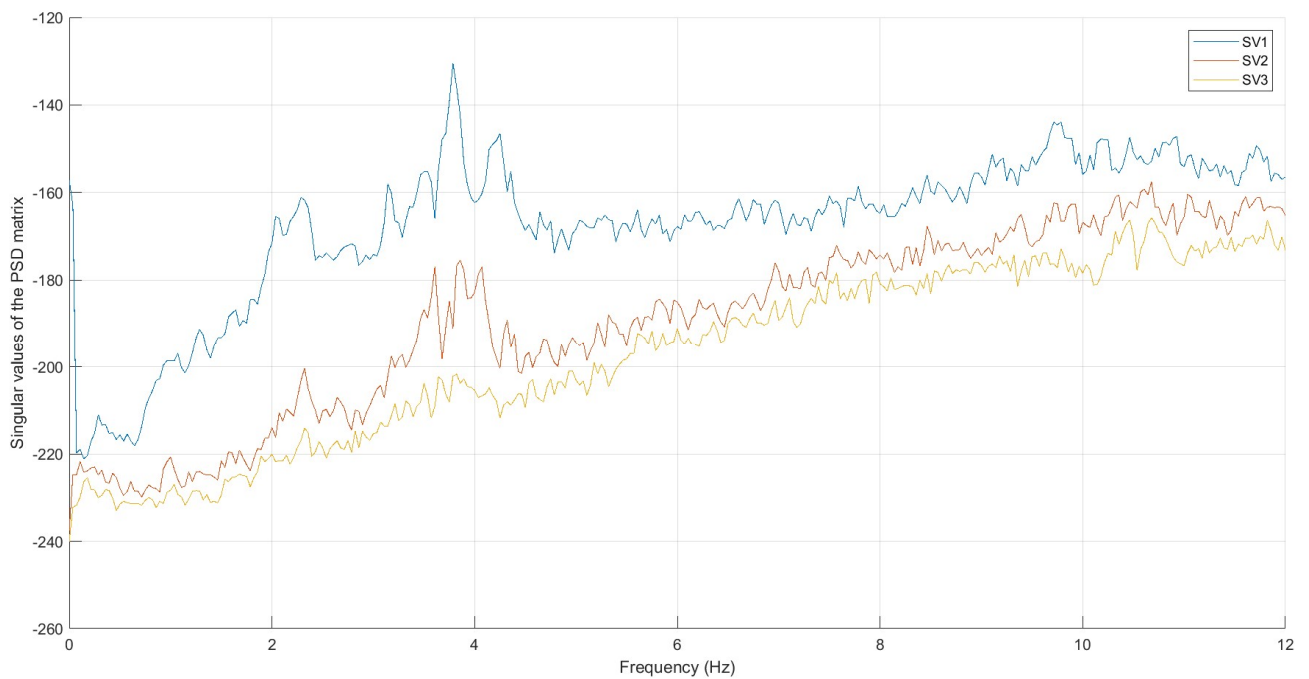


Figura 147 - FDD_CONF-10_COMP-E

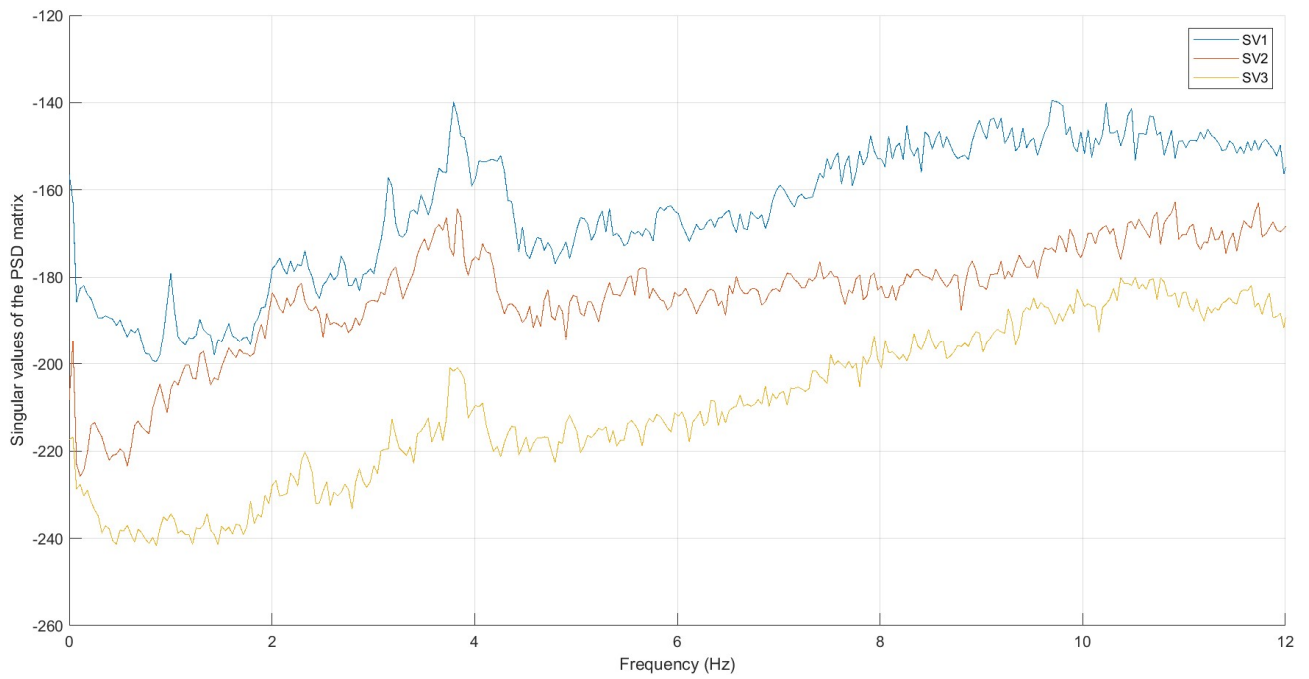


Figura 148 - FDD_CONF-10_COMP-N

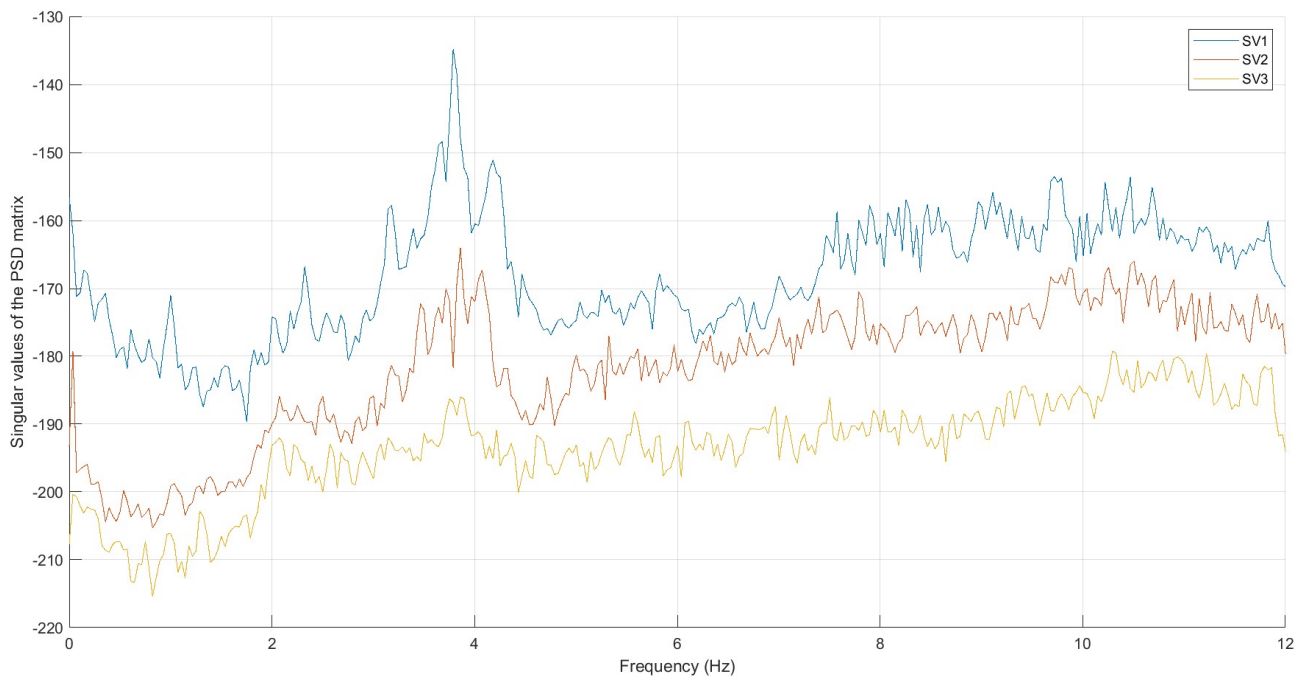


Figura 149 - FDD_CONF-10_COMP-Z

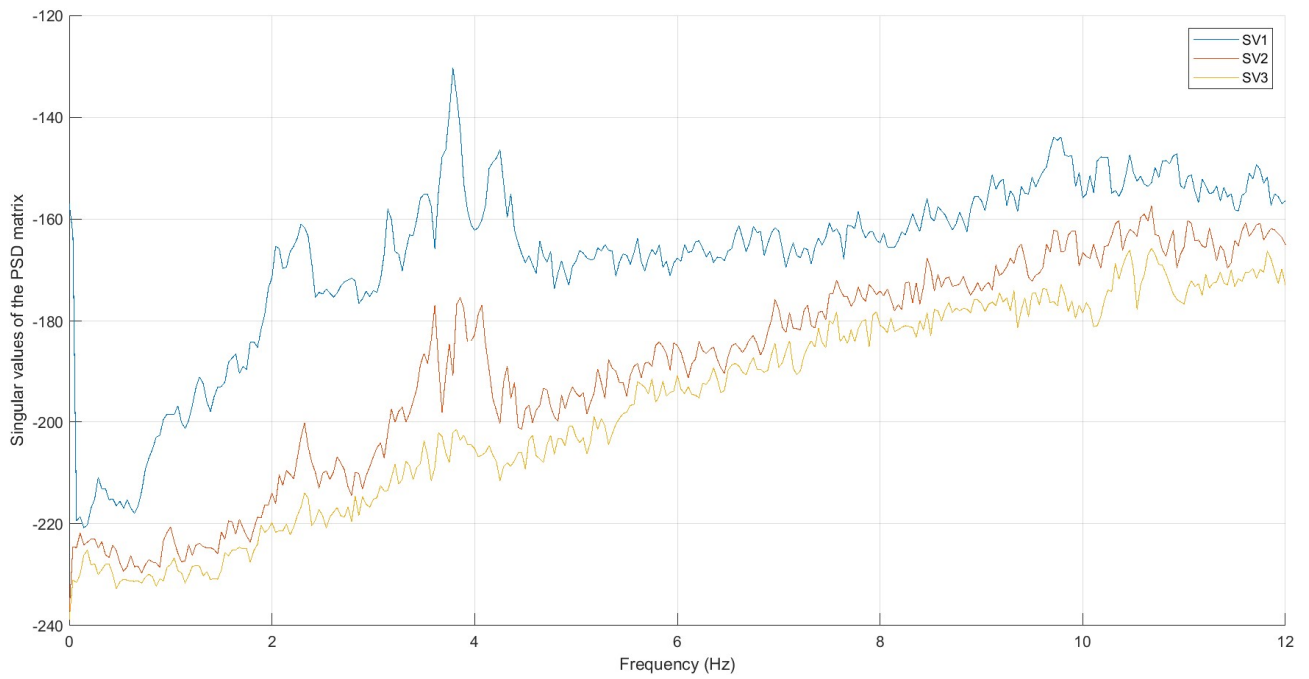


Figura 150 - FDD_CONF-11_COMP-E

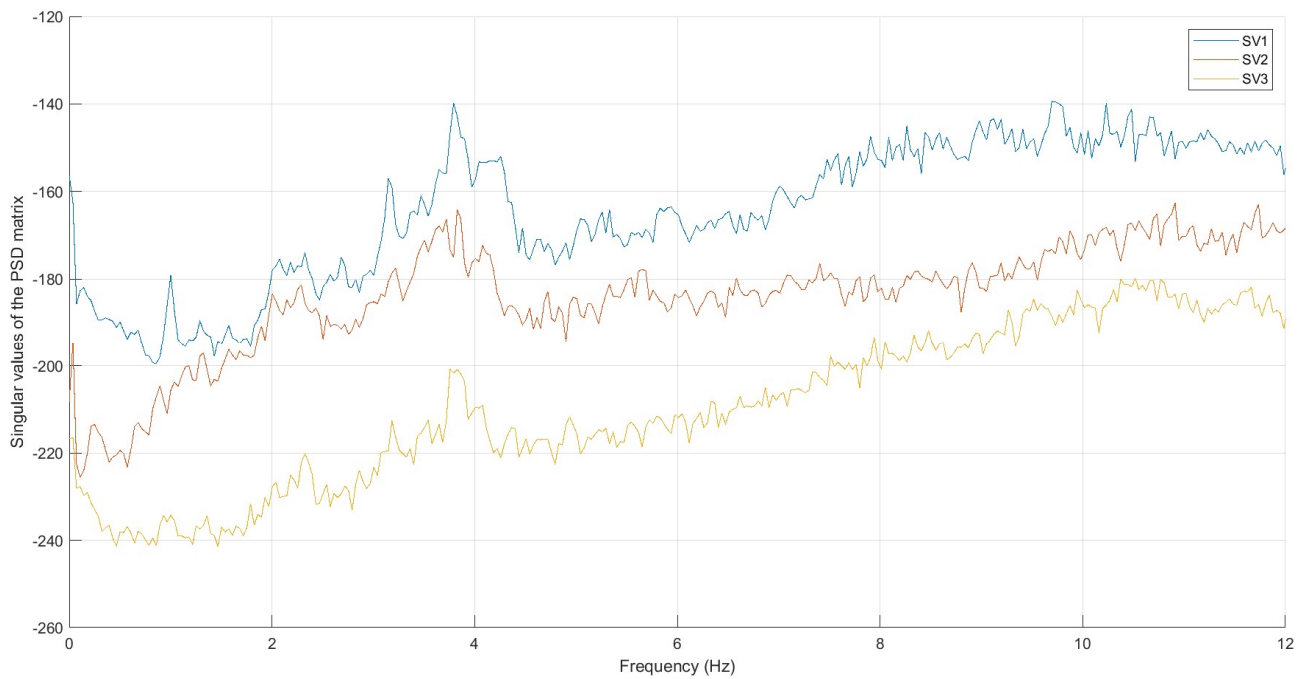


Figura 151 - FDD_CONF-11_COMP-N

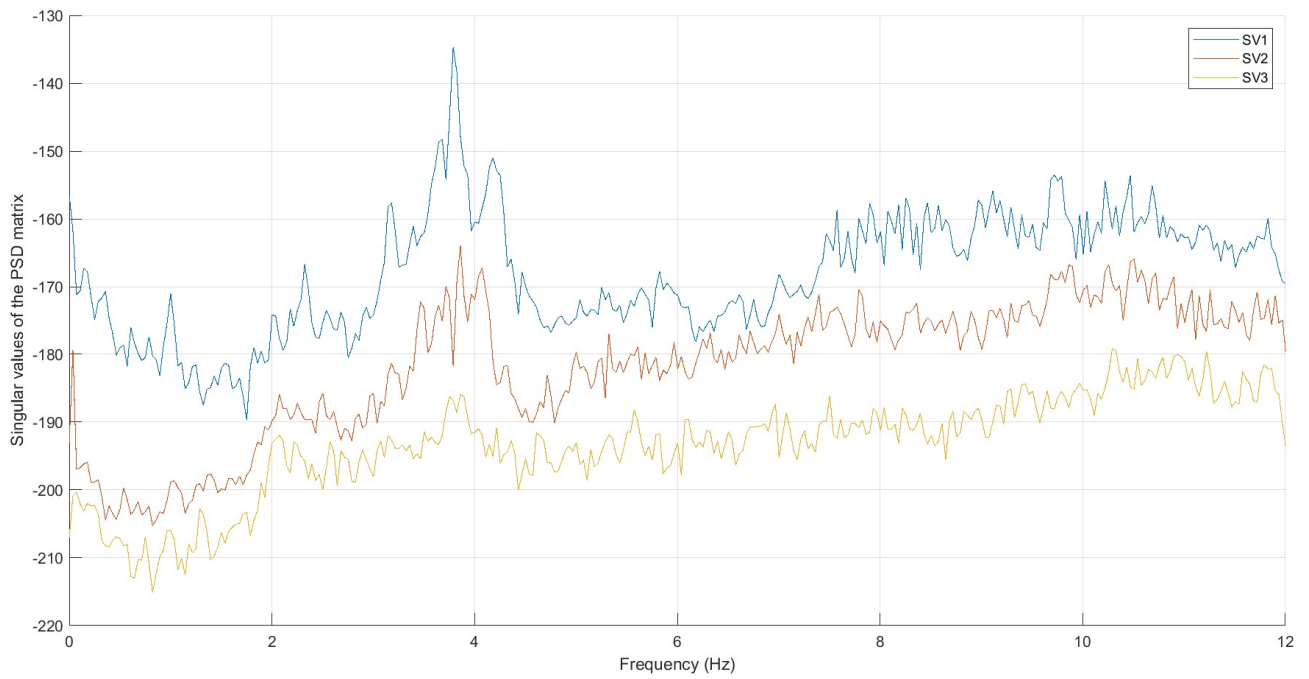


Figura 152 - FDD_CONF-11_COMP-Z

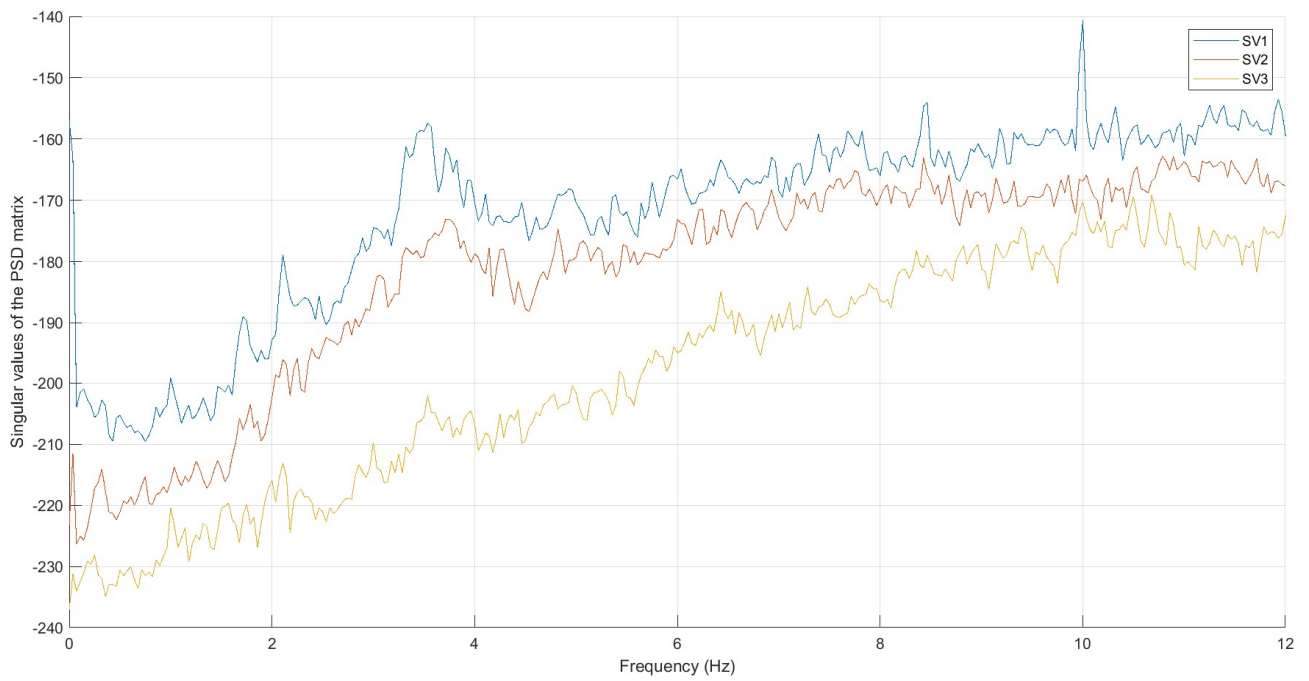


Figura 153 - FDD_CONF-12_COMP-E

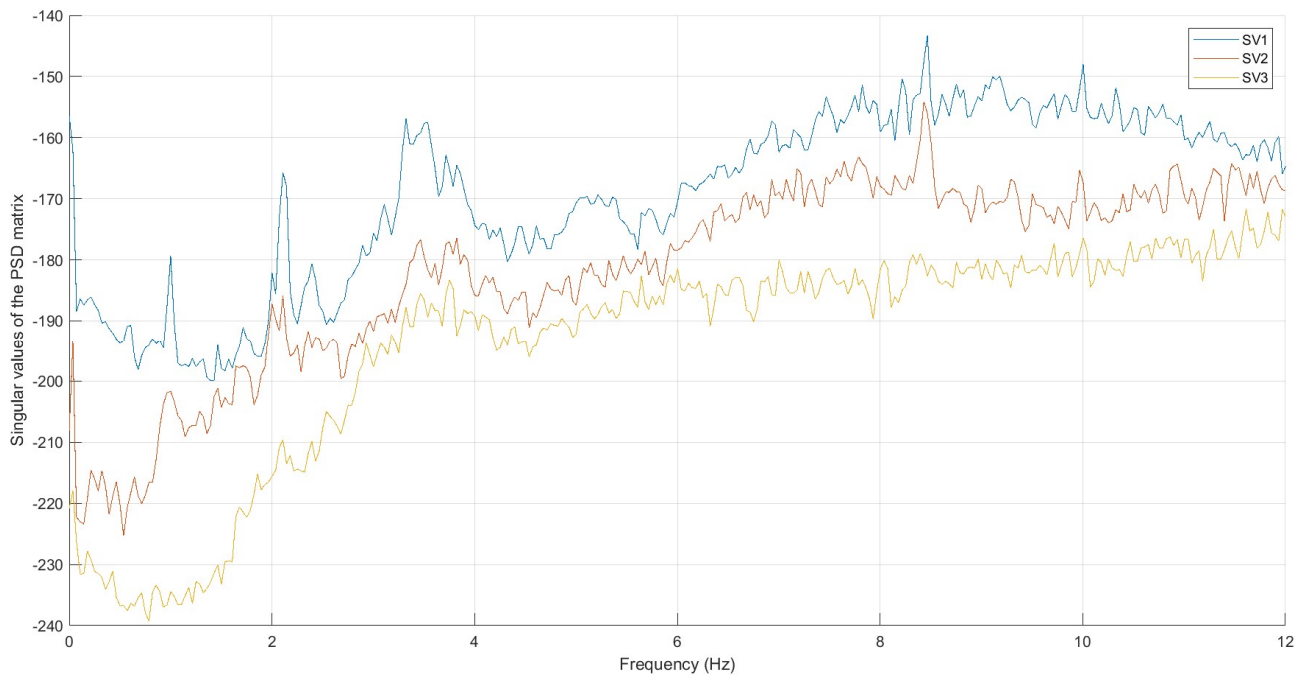


Figura 154 - FDD_CONF-12_COMP-N

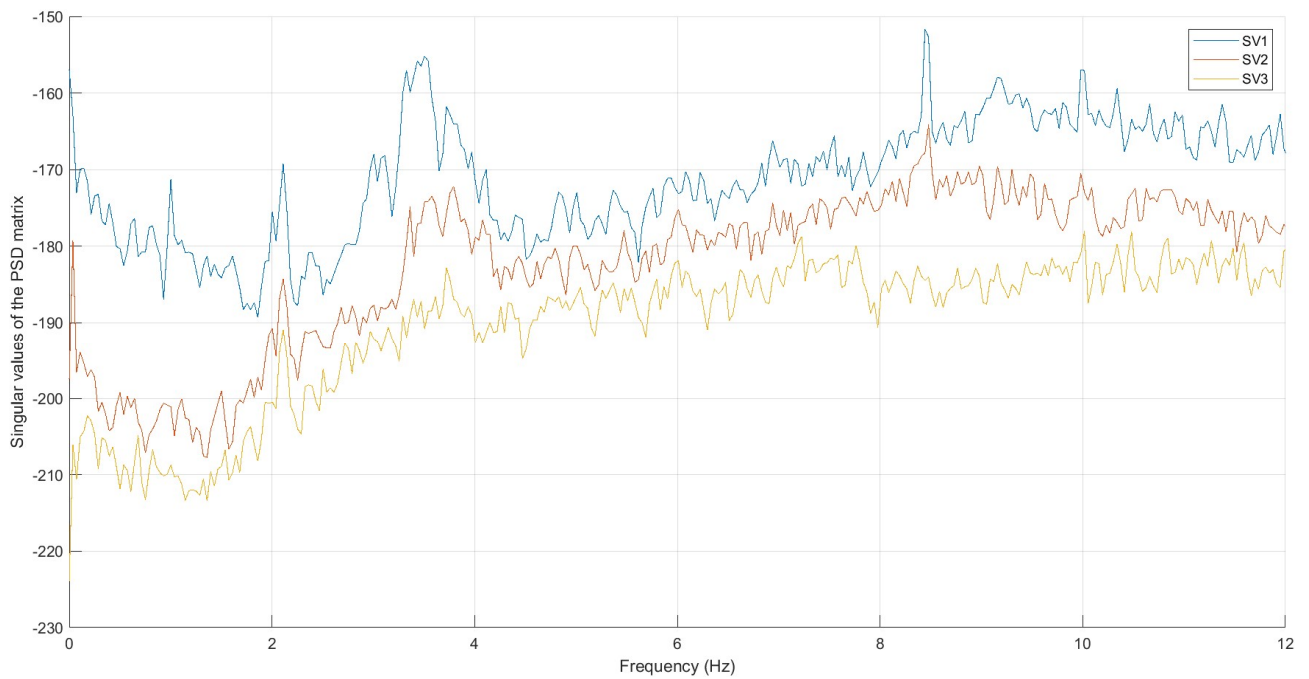


Figura 155 - FDD_CONF-12_COMP-Z

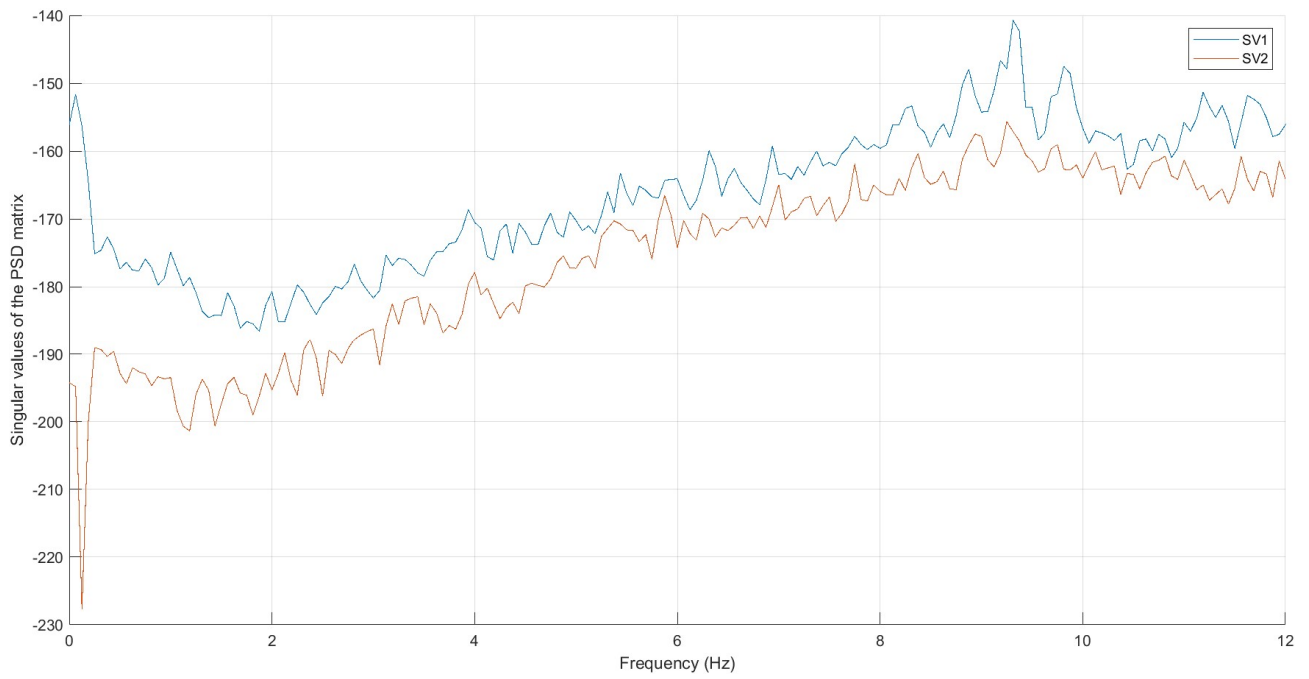


Figura 156 - FDD_CONF-A_COMP-E

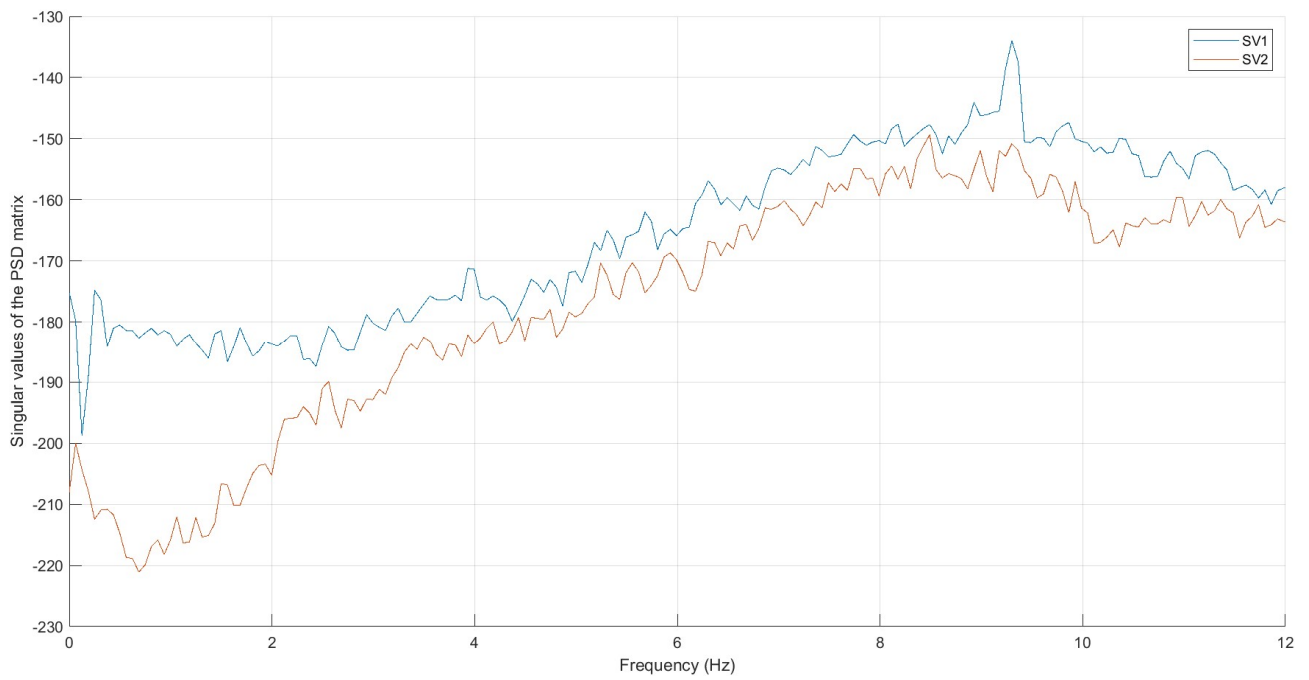


Figura 157 - FDD_CONF-A_COMP-N

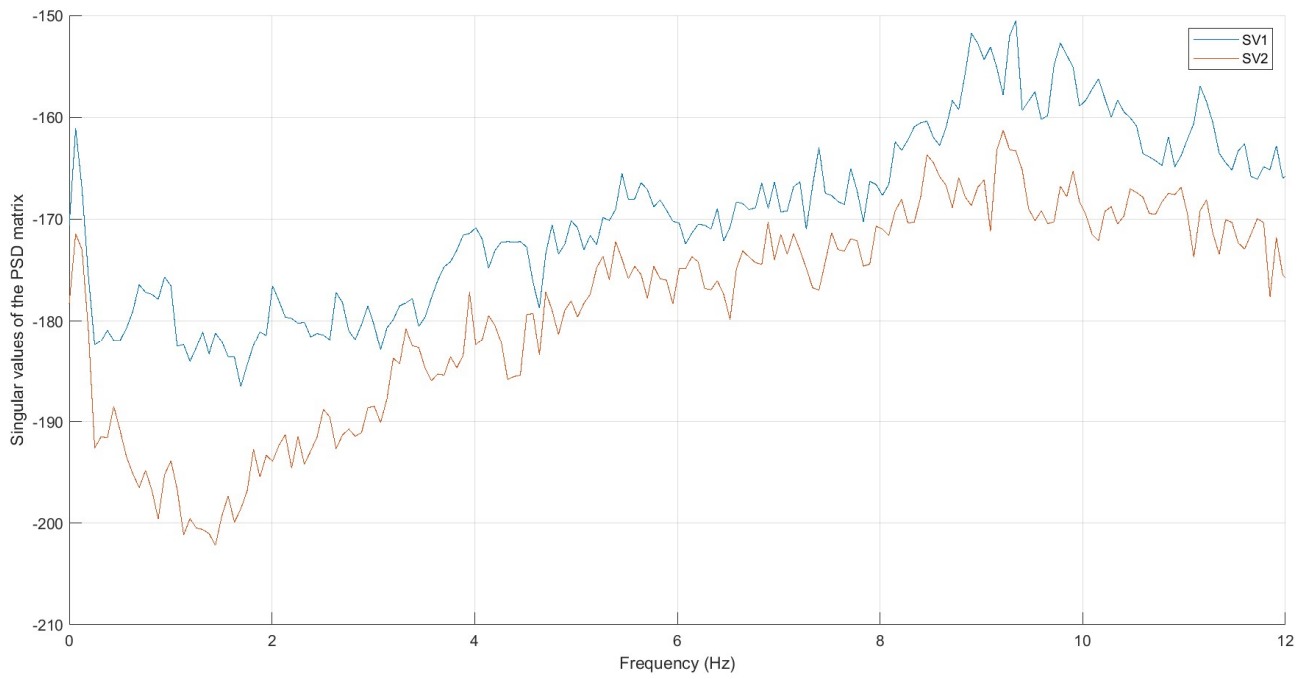


Figura 158 - FDD_CONF-A_COMP-Z

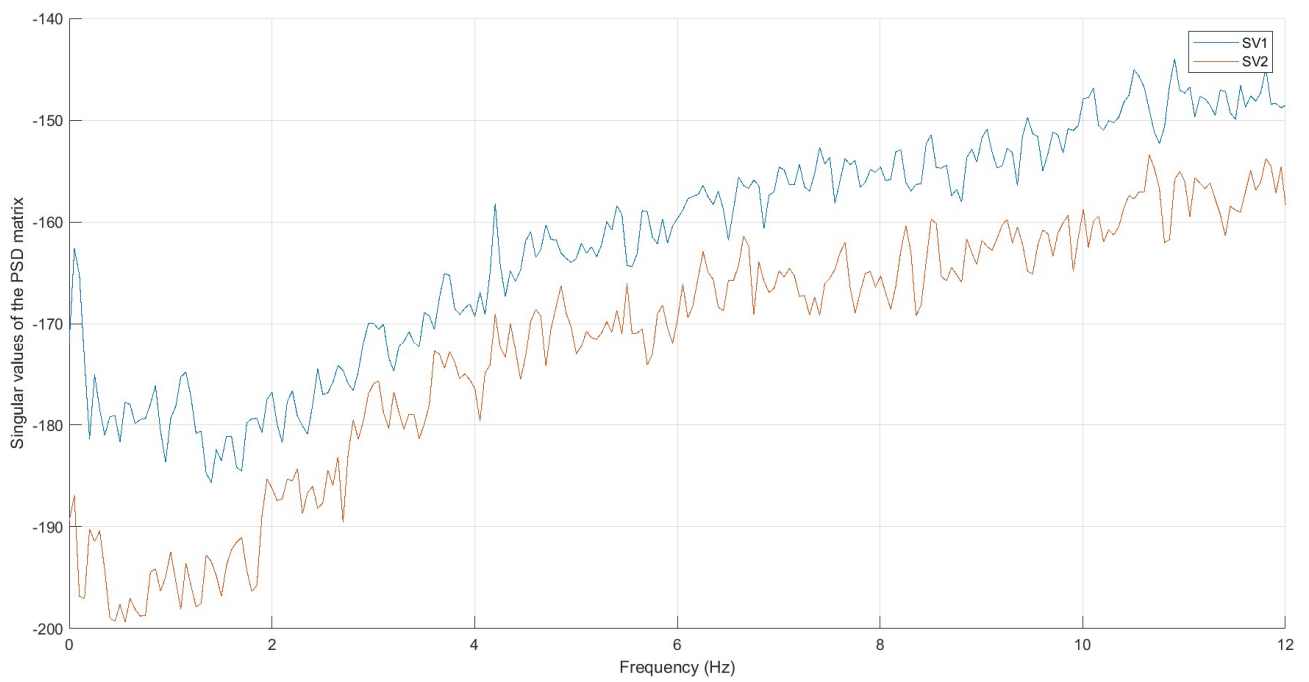


Figura 159 - FDD_CONF-B_COMP-E

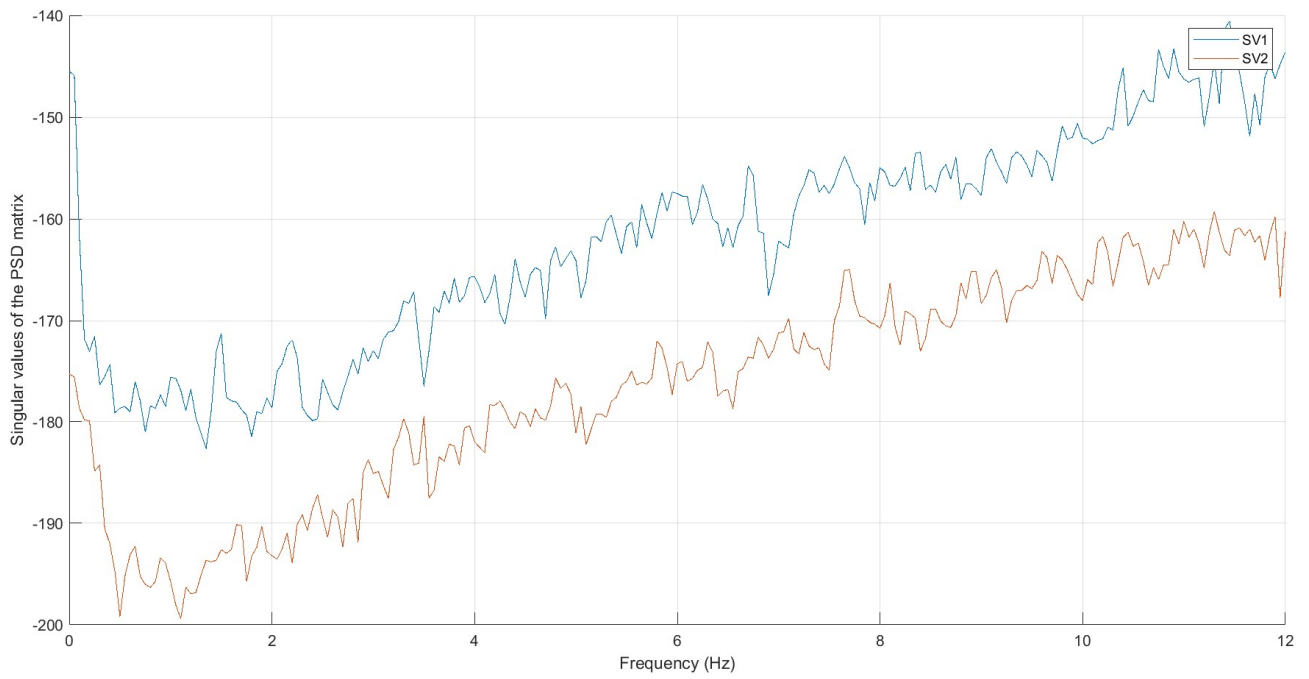


Figura 160 - FDD_CONF-B_COMP-N

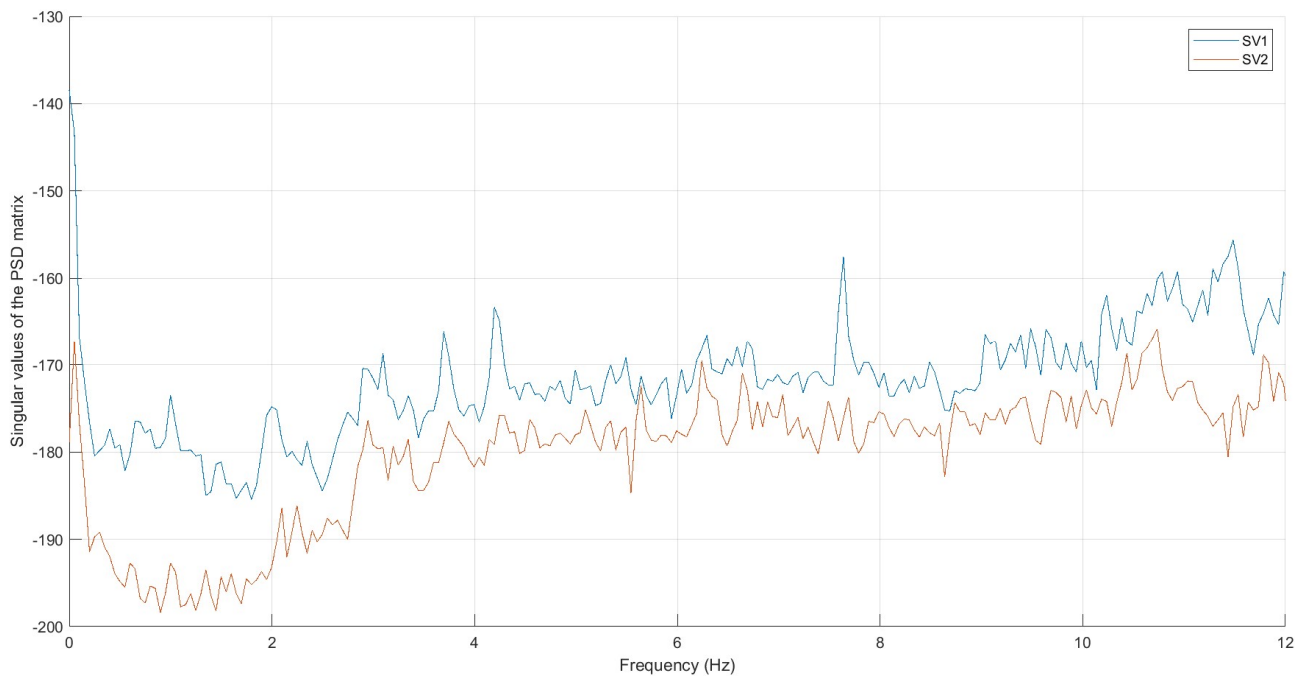


Figura 161 - FDD_CONF-B_COMP-Z

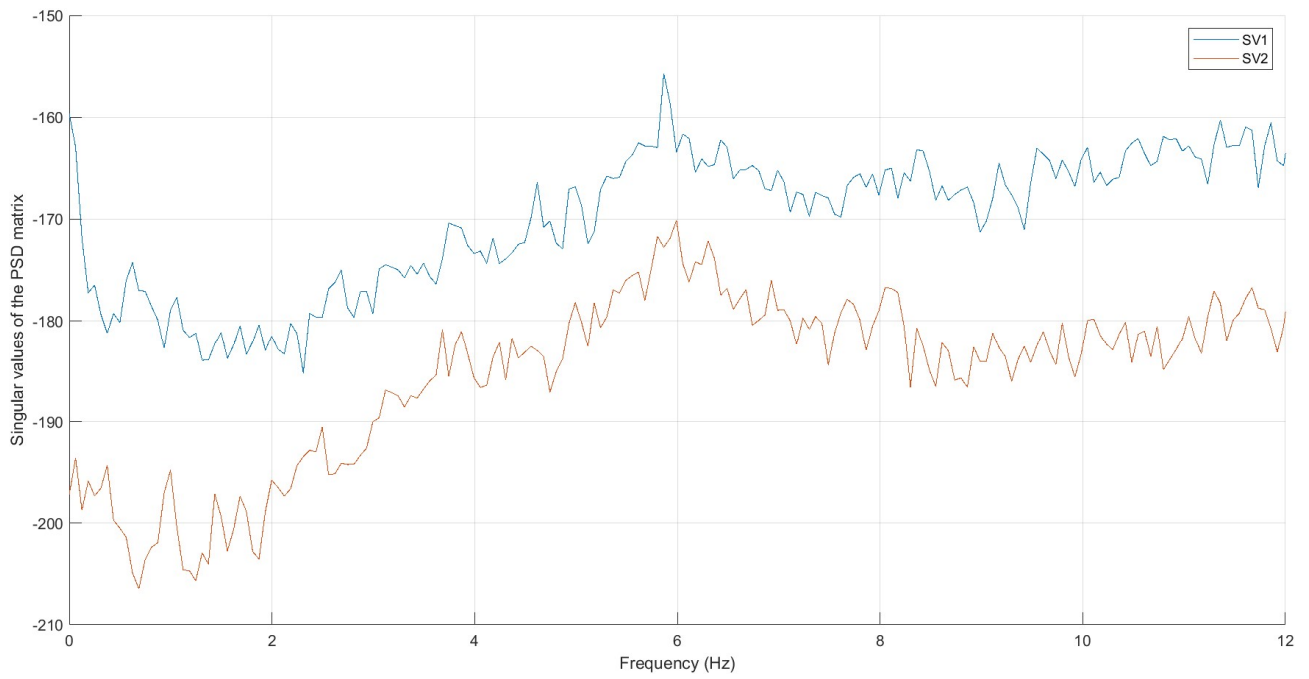


Figura 162 - FDD_CONF-C_COMP-E

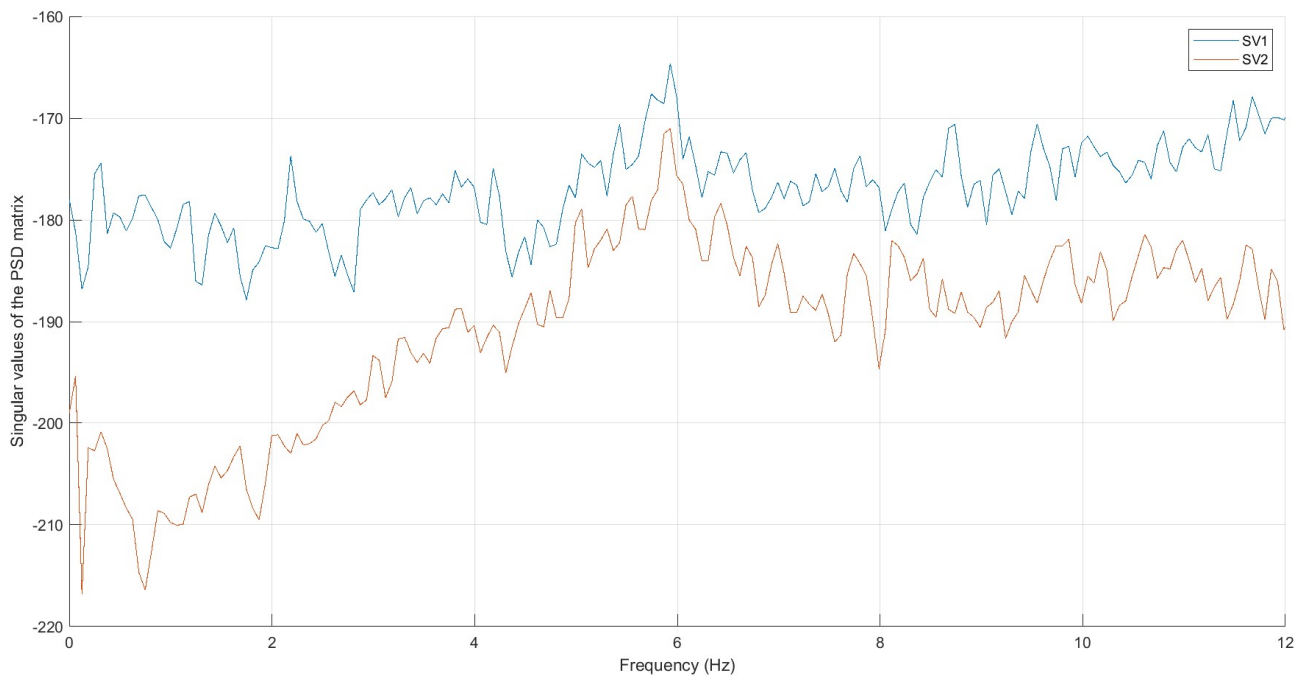


Figura 163 - FDD_CONF-C_COMP-N

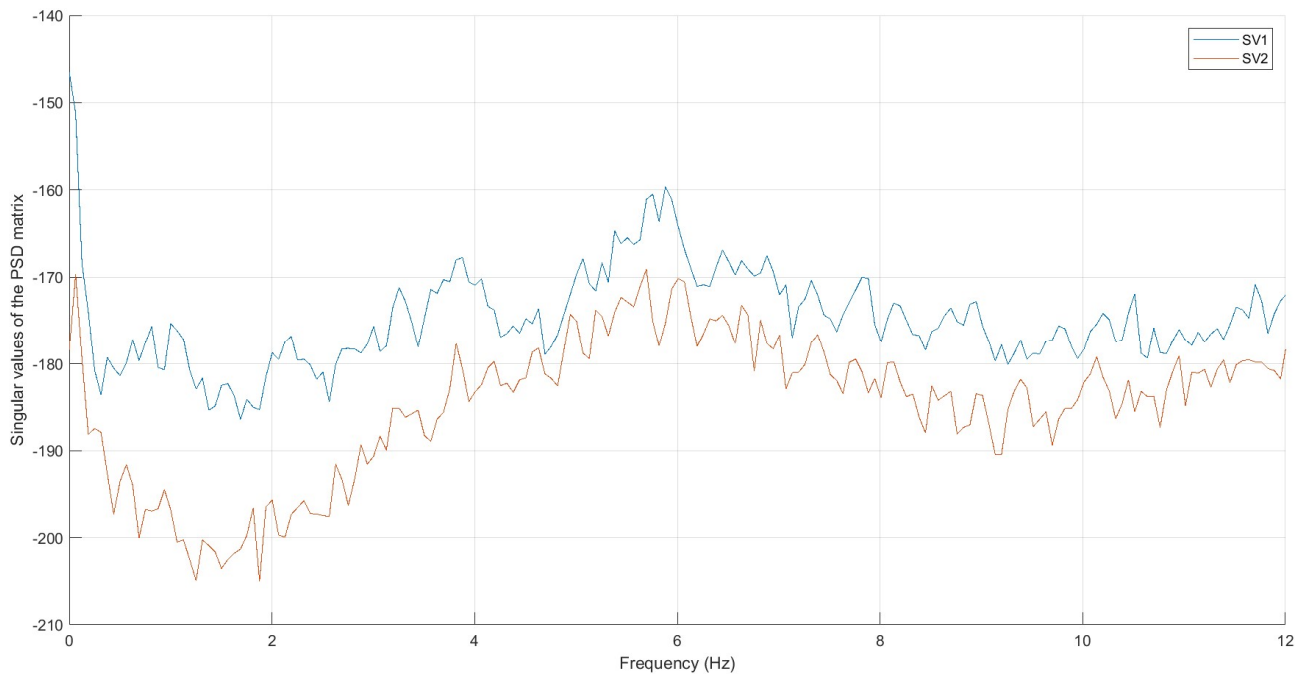


Figura 164 - FDD_CONF-C_COMP-Z

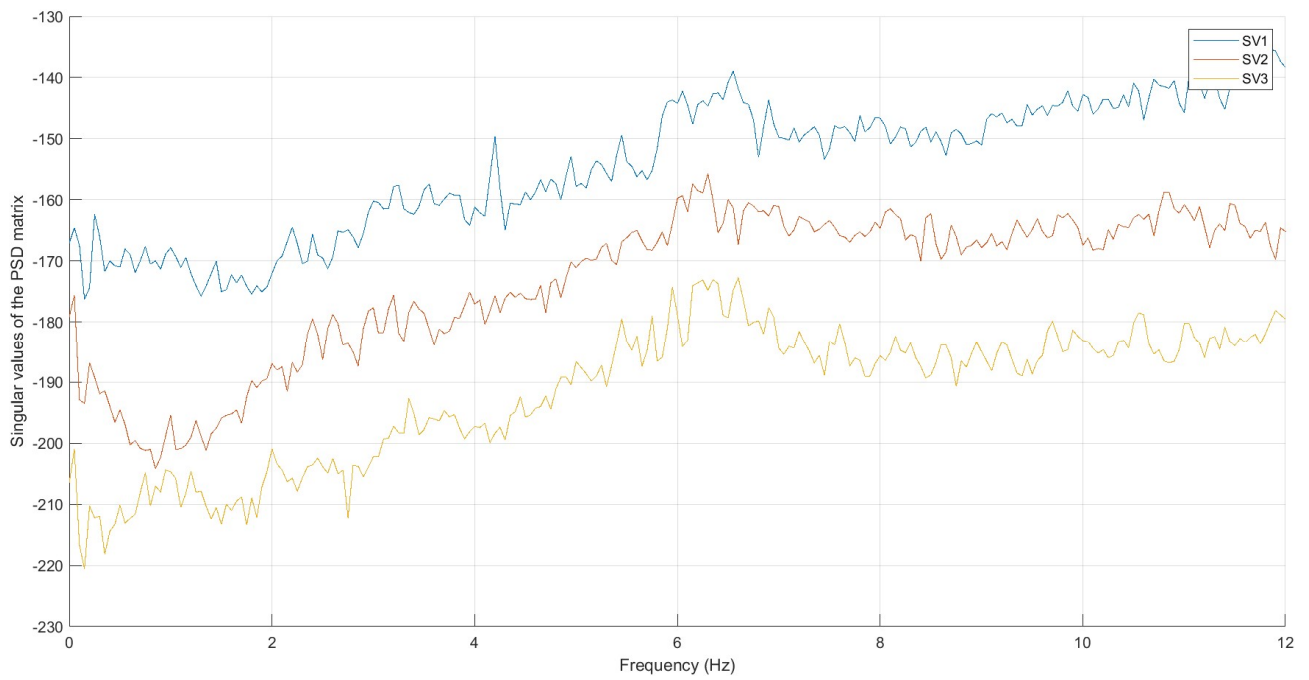


Figura 165 - FDD_CONF-D_COMP-E

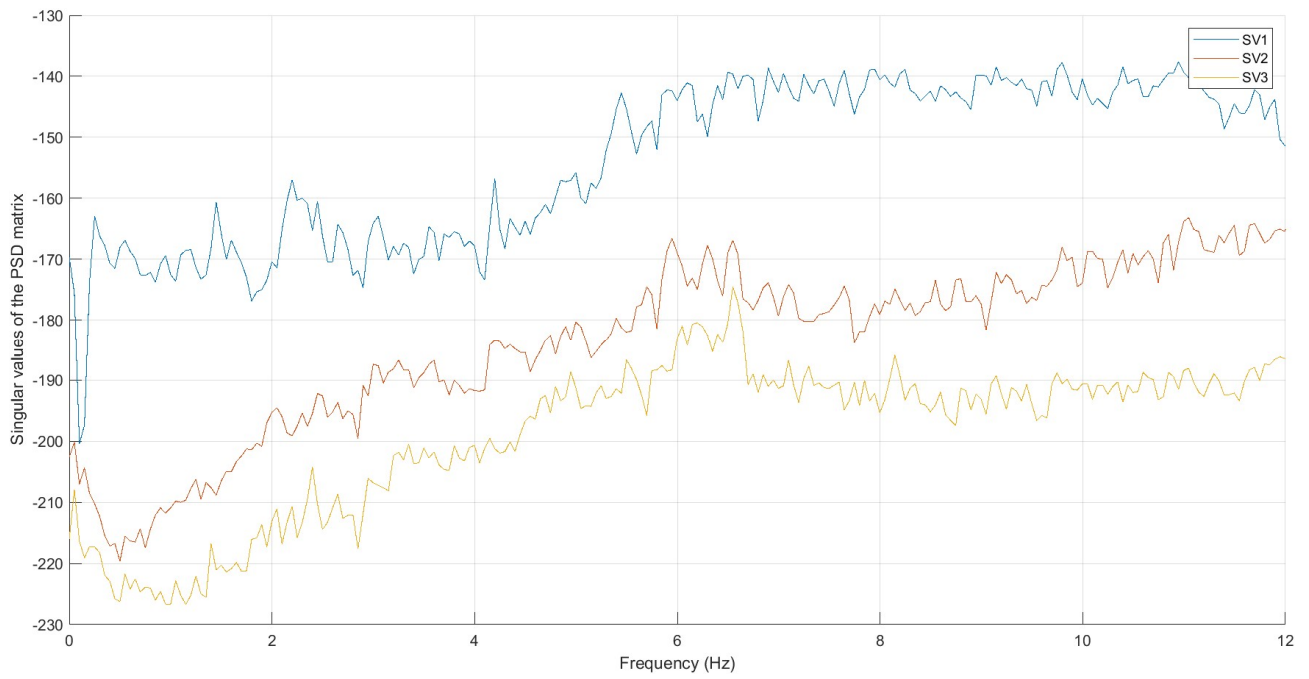


Figura 166 - FDD_CONF-D_COMP-N

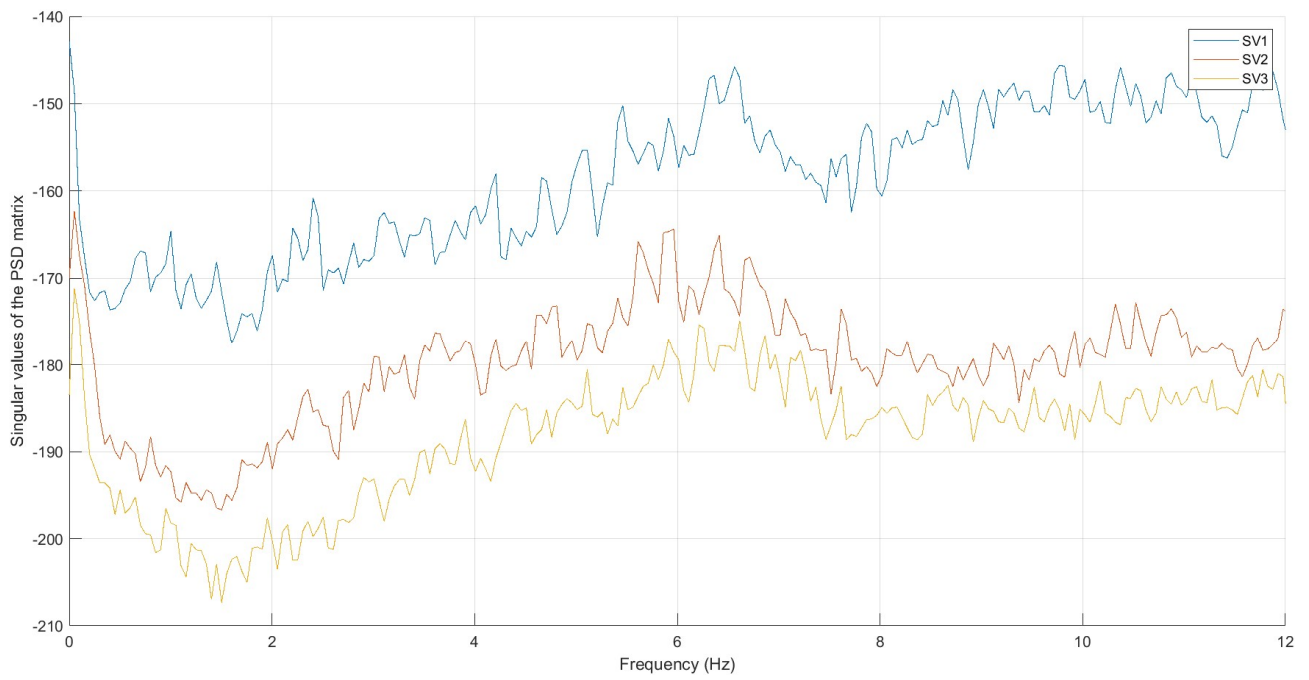


Figura 167 - FDD_CONF-D_COMP-Z

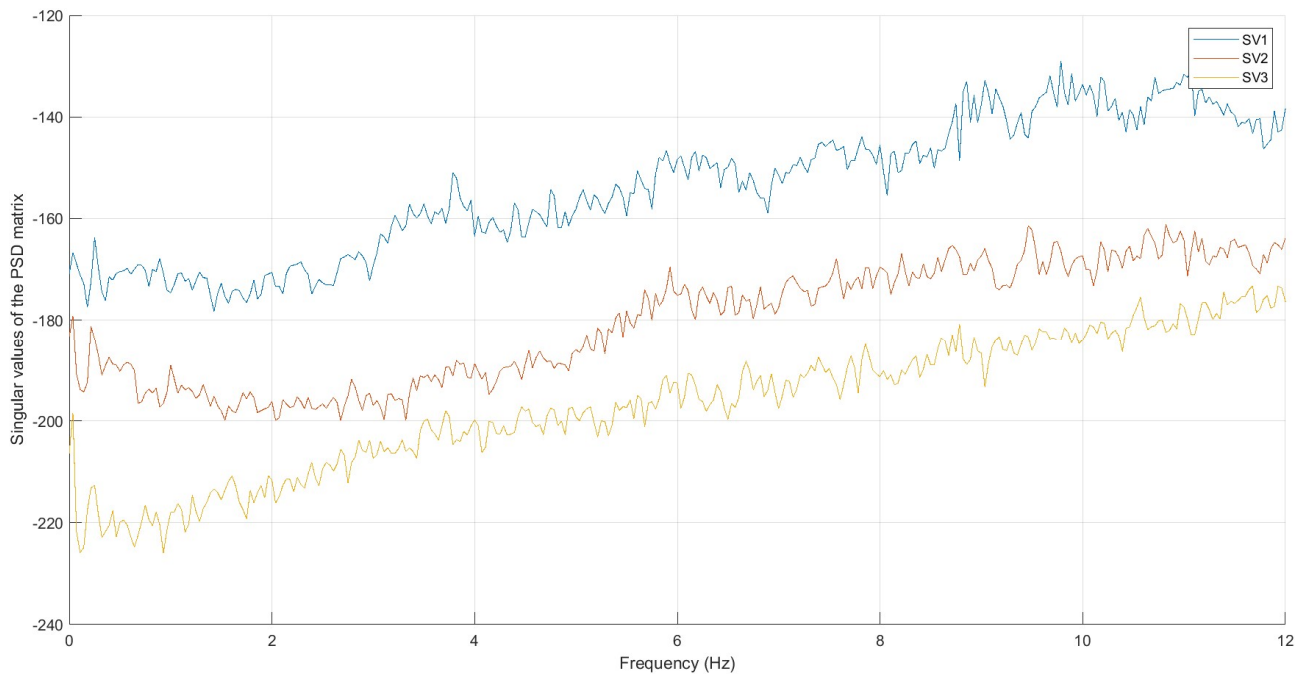


Figura 168 - FDD_CONF-E_COMP-E

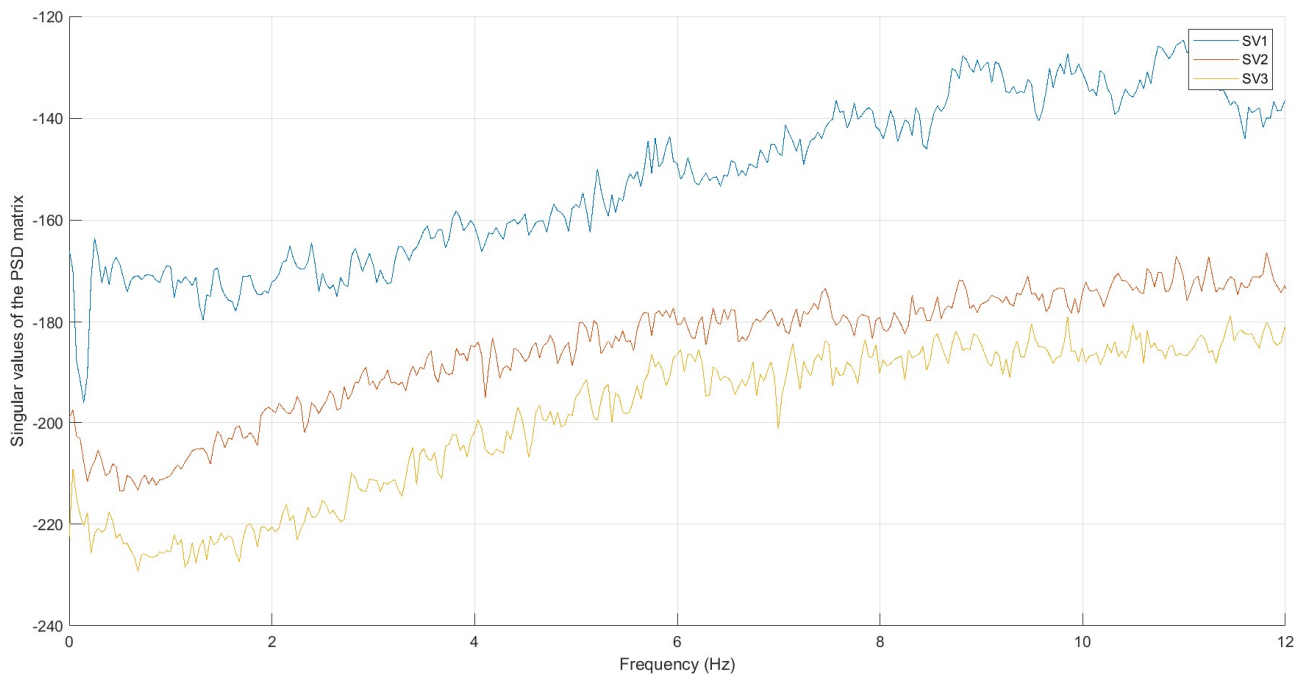


Figura 169 - FDD_CONF-E_COMP-N

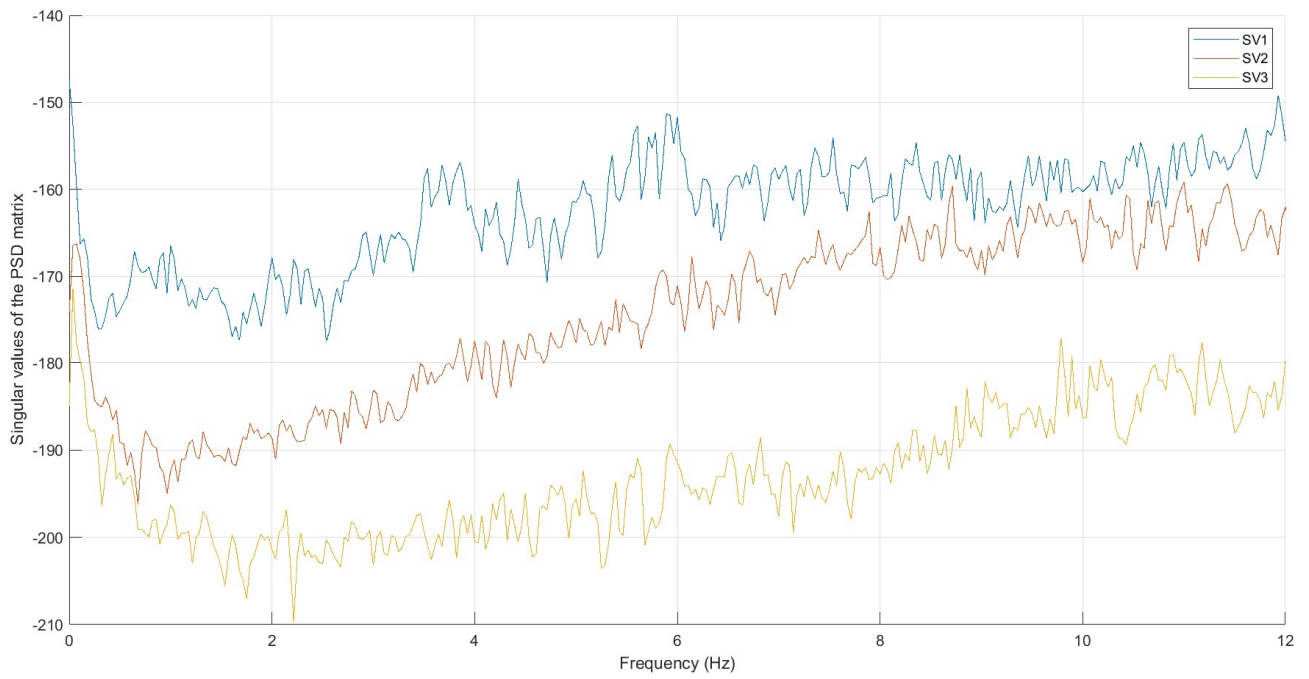


Figura 170 - FDD_CONF-E_COMP-Z

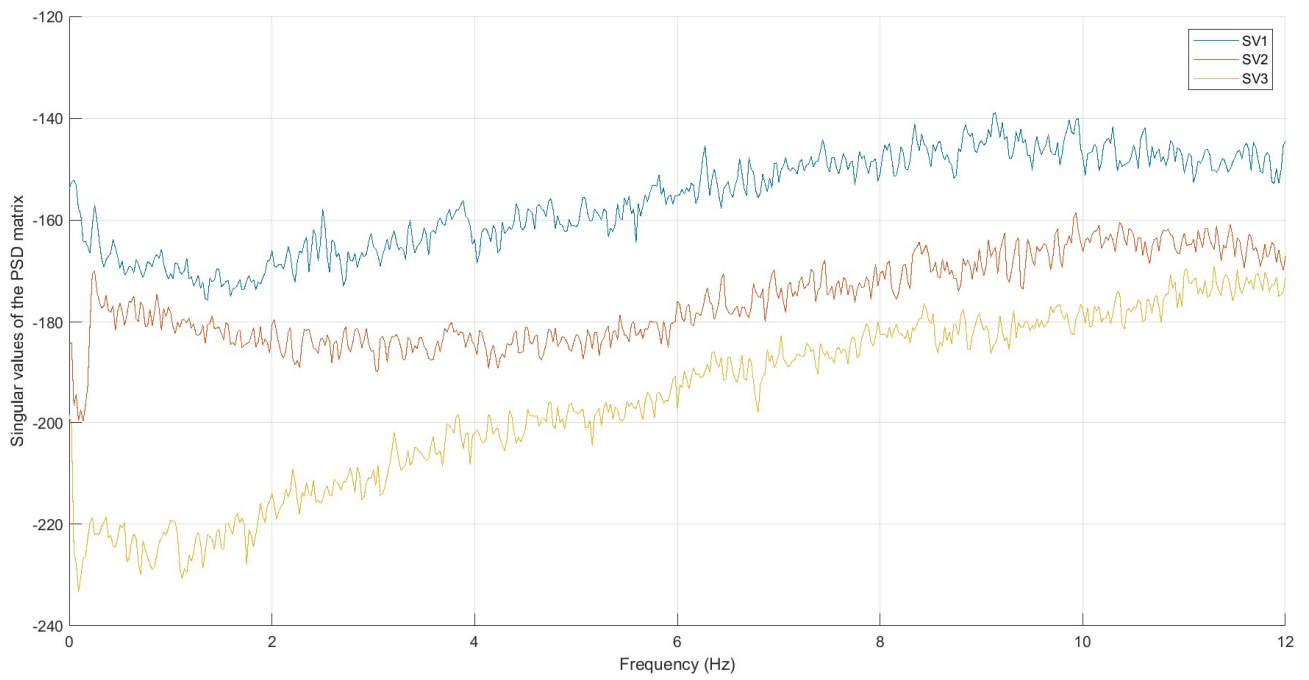


Figura 171 - FDD_CONF-F_COMP-E

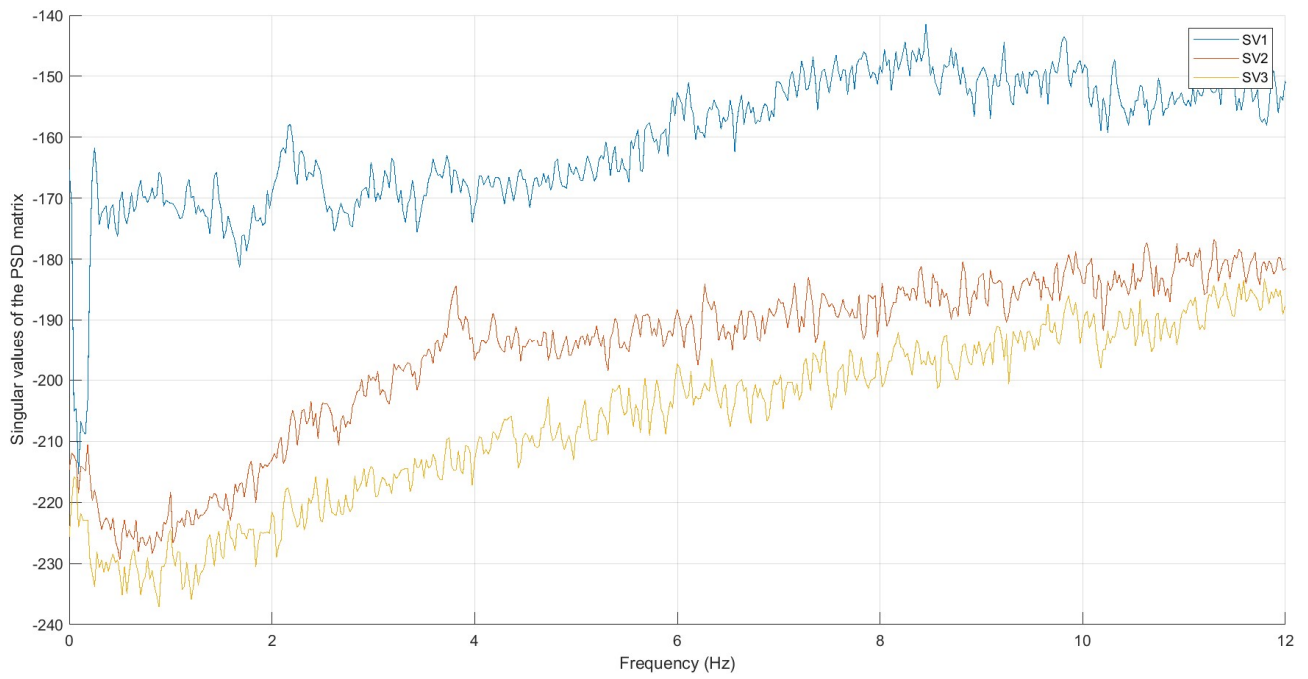


Figura 172 - FDD_CONF-F_COMP-N

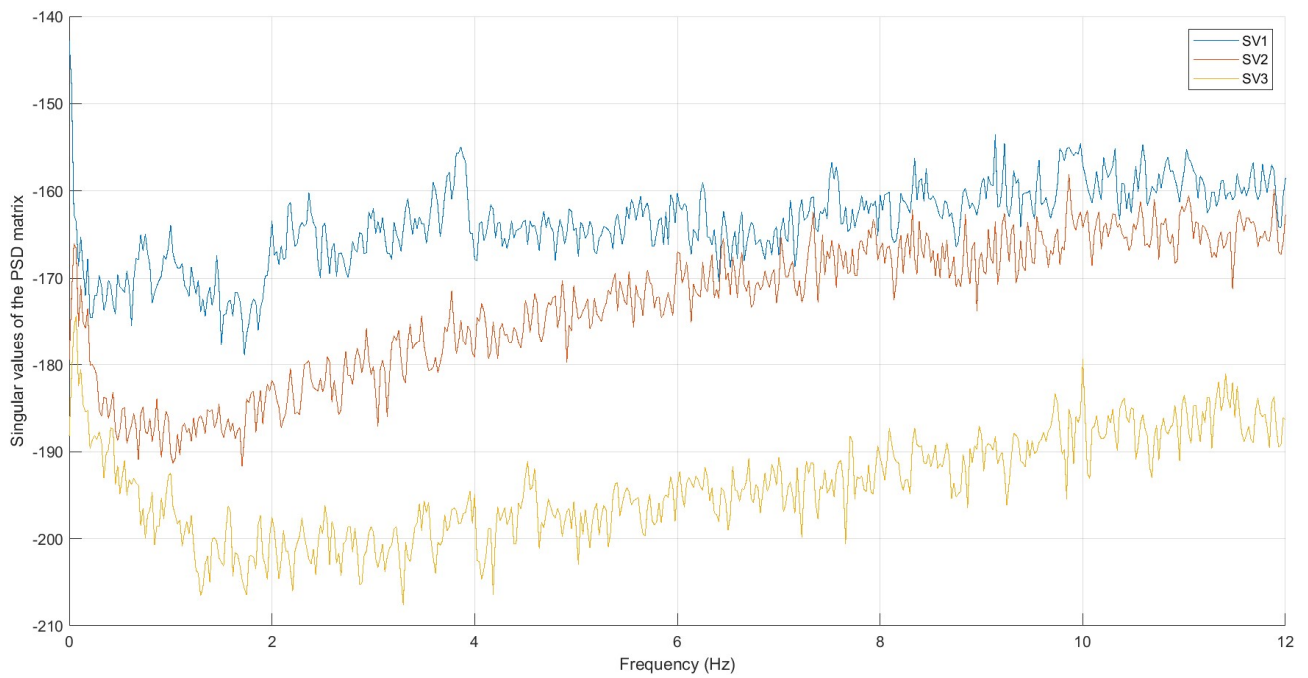
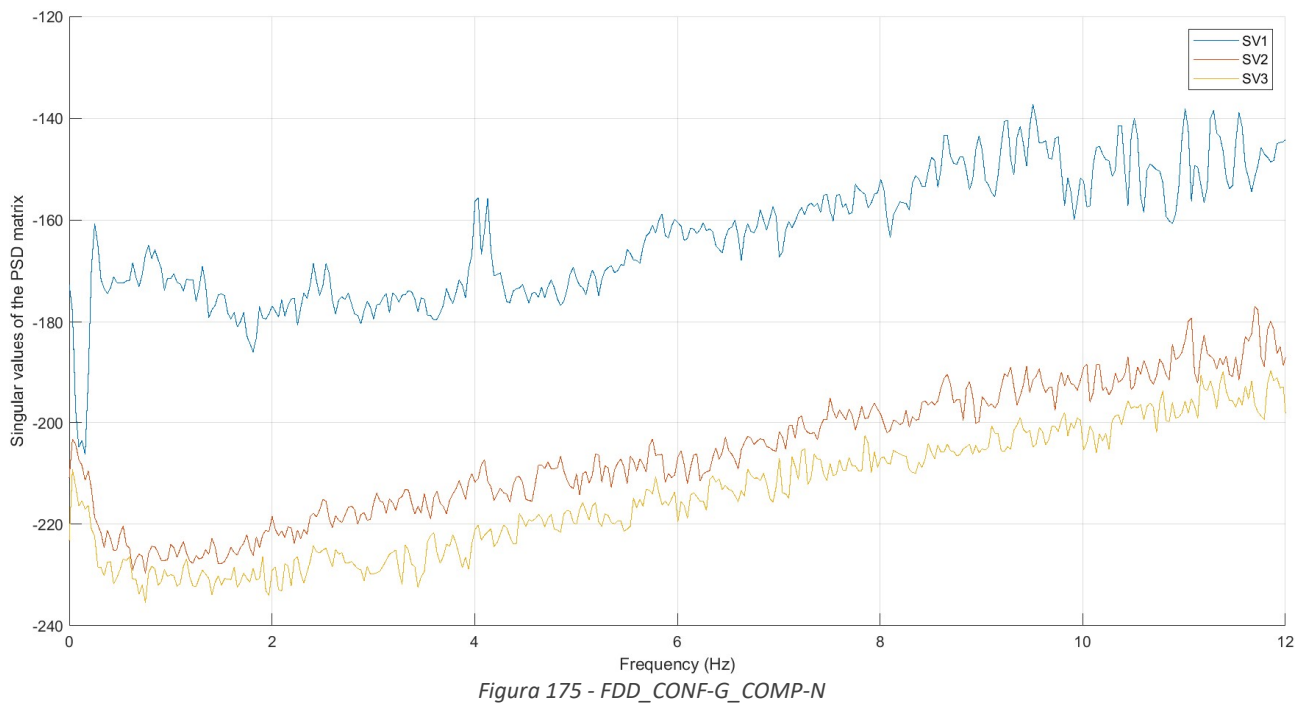
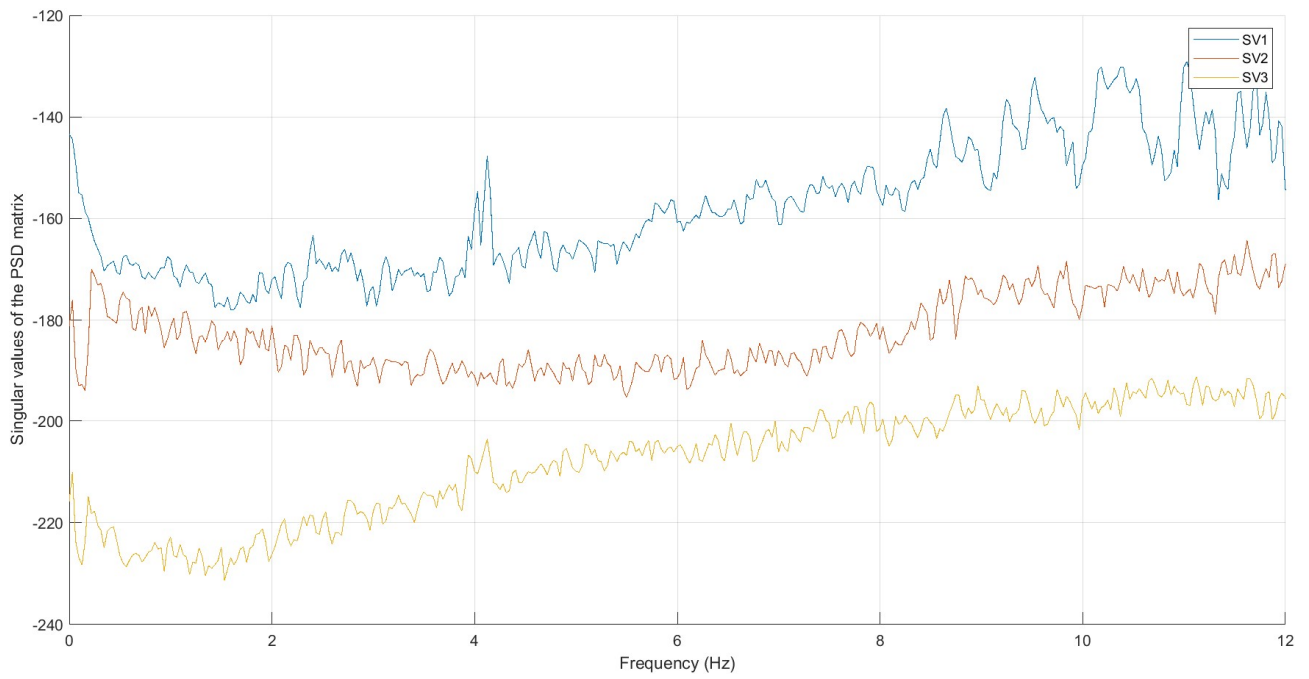


Figura 173 - FDD_CONF-F_COMP-Z



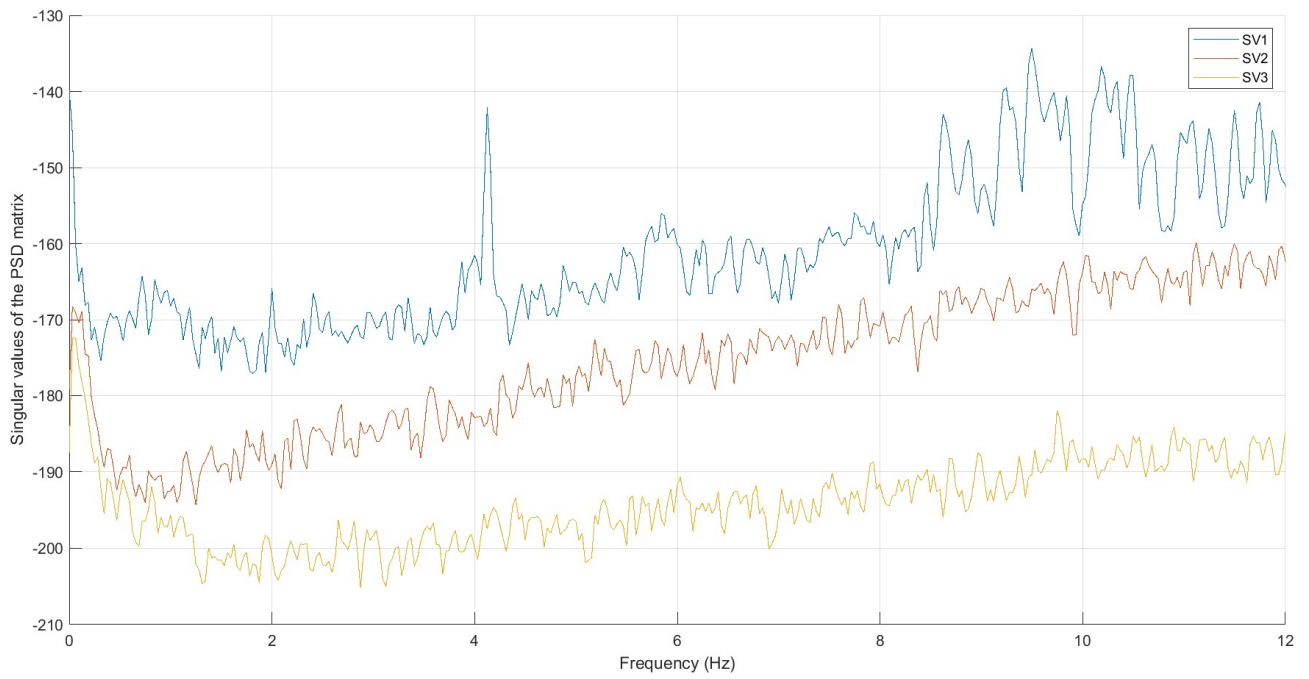


Figura 176 - FDD_CONF-G_COMP-Z

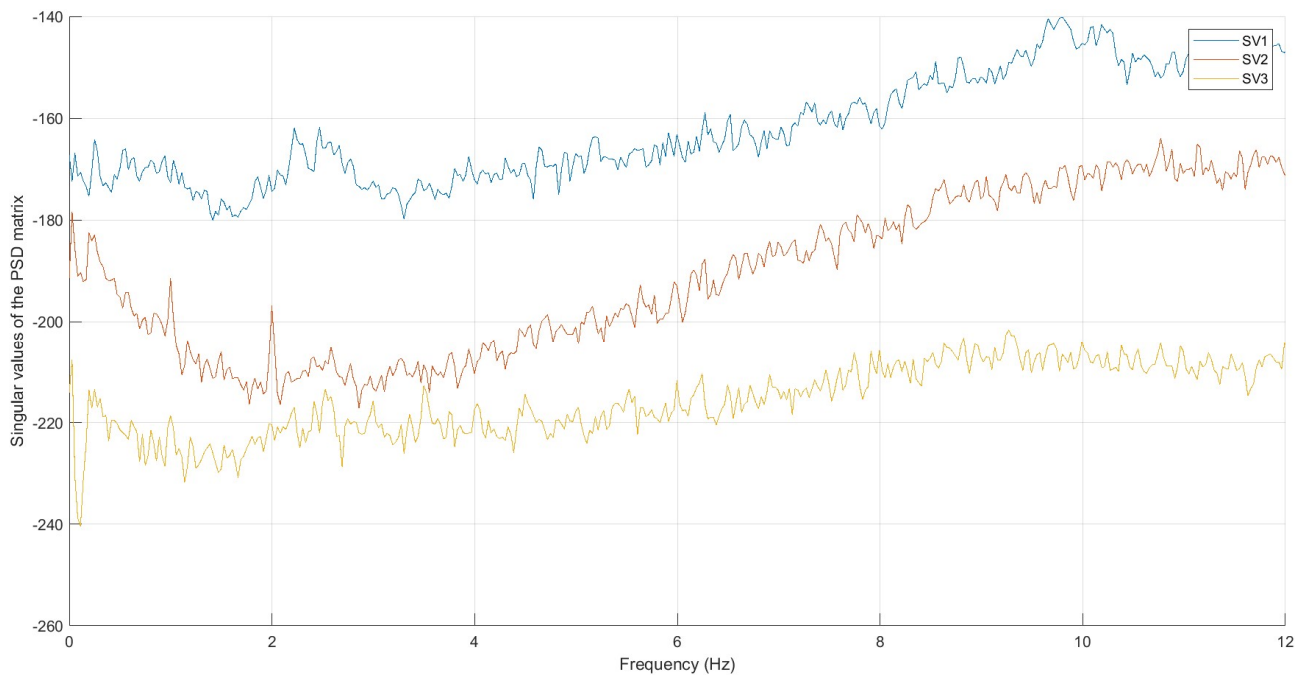


Figura 177 - FDD_CONF-H_COMP-E

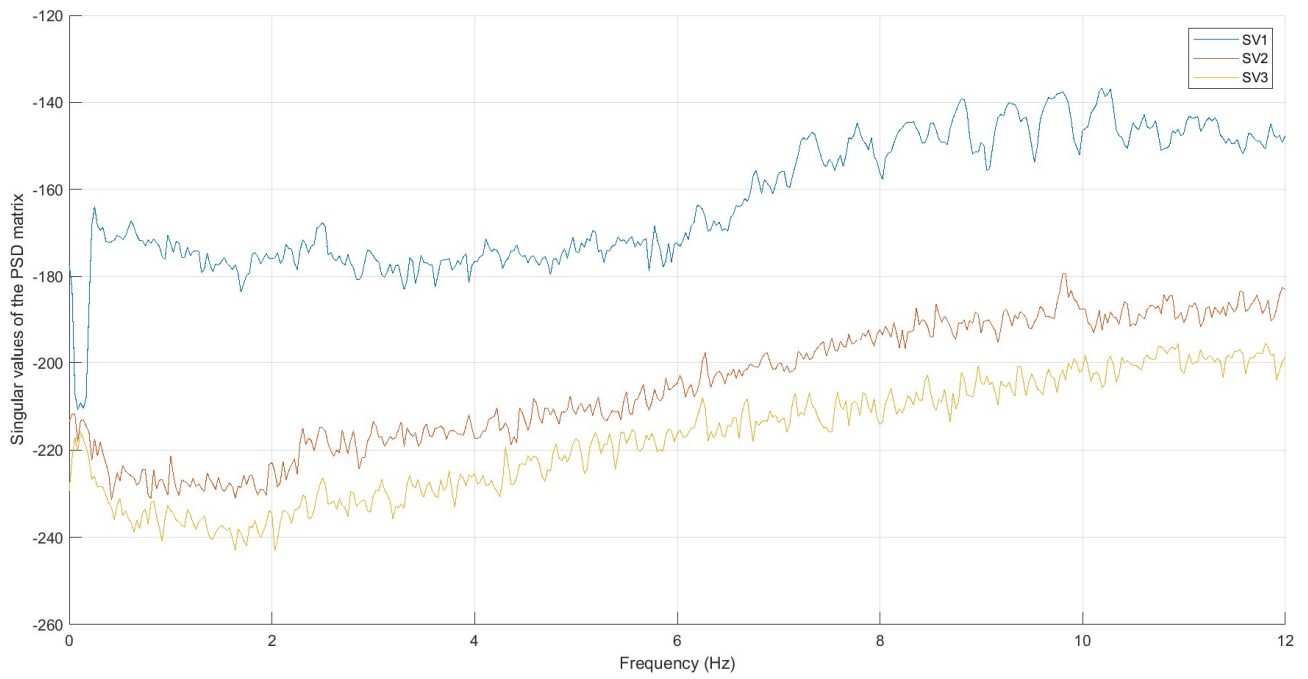


Figura 178 - FDD_CONF-H_COMP-N

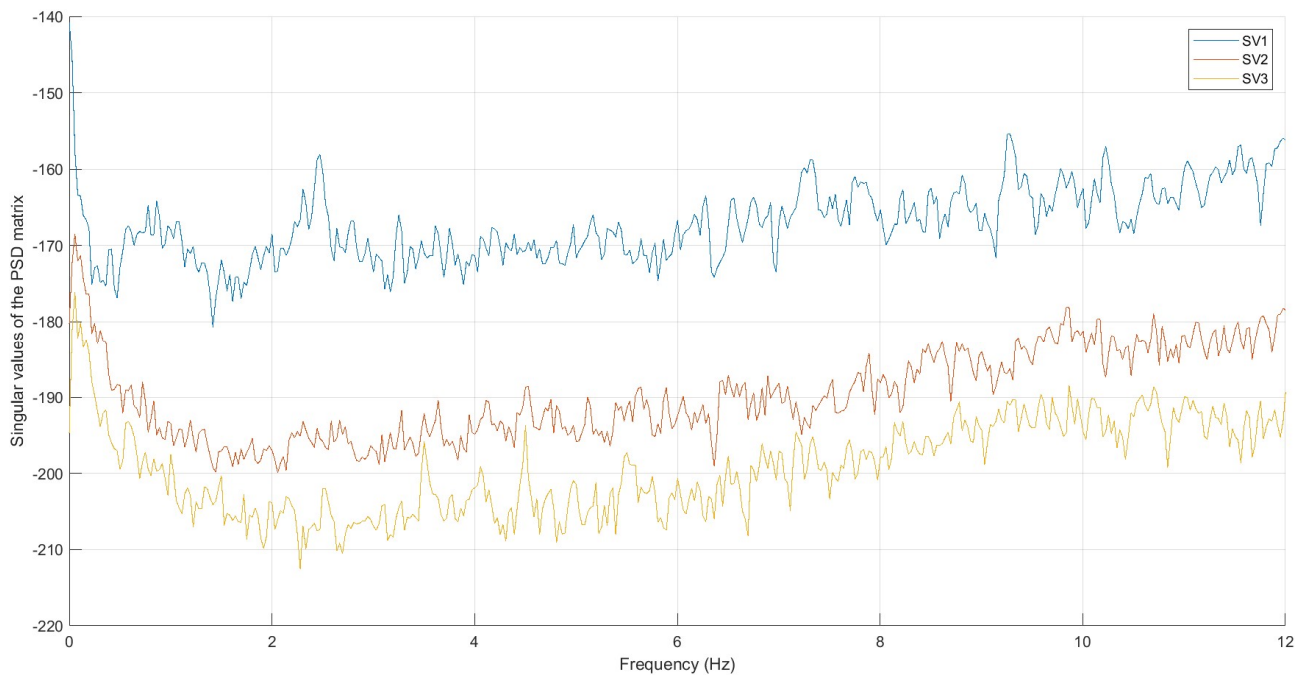


Figura 179 - FDD_CONF-H_COMP-Z

