

COMMITTENTE:



DIREZIONE LAVORI:



APPALTATORE:

MANDATARIA:

MANDANTE:



PROGETTAZIONE:

MANDATARIA:

MANDANTI:



PROGETTO ESECUTIVO

**LINEA FERROVIARIA NAPOLI - BARI, TRATTA NAPOLI-CANCELLO,
IN VARIANTE TRA LE PK 0+000 E PK 15+585, INCLUSE LE OPERE ACCESSORIE,
NELL'AMBITO DEGLI INTERVENTI DI CUI AL D.L. 133/2014, CONVERTITO IN LEGGE 164 / 2014**
RELAZIONE

INFRASTRUTTURA

PLANIMETRIE E PROFILI

PLANIMETRIE E PROFILI GENERALE

CAMPAGNA TOPOGRAFICA

Libretto Livellazione

APPALTATORE	PROGETTAZIONE	
DIRETTORE TECNICO Ing. M. PANISI	DIRETTORE DELLA PROGETTAZIONE Ing. A. CHECCHI	

COMMESSA LOTTO FASE ENTE TIPO DOC. OPERA/DISCIPLINA Progr. REV SCALA:

I	F	1	M	0	0	E	Z	Z	R	T	I	F	0	0	0	9	0	0	2	A	-
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Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato	Data
A	EMISSIONE SECUTIVA	BINCI	14/06/18	CERAUDO	15/06/18	PIAZZA	15/06/18	LACOPO	
									30/06/2018

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n. Elab.:



Level Summary

CNC-LIVELLAZIONE FINALE

06/10/2018 10:40:34

Project Information

Project name: CNC-LIVELLAZIONE FINALE
 Date created: 06/08/2018 11:25:16
 Application software: LEICA Geo Office 5.0

Line 001

Line length: 46438.0433 m
 Method: BF
 Start point id: IGM11304
 Number of stations: 709
 Date/time: 06/10/2018 09:39:42
 Number of observations: 1418

Processing Parameters

Adjustment method: by distance
 Processed with Staff: No
 Corrections:
 Height difference: 0.0009 m

Tolerance	Permitted [m]	Actual [m]	Accepted
Misclosure	0.0409	0.0009	✓
Height error per station	0.0005	0.0000	✓
Distance balance	10.0000	-6.0418	✓

Points

Point Id	Epoch	Height [m]	Corr [m]	Delta Hgt. [m]	Point Class	Sd. Hgt. [m]
IGM11304	06/10/2018 09:39:43	25.9842	-	-	Control	-
V1	06/10/2018 09:39:46	24.7984	0.0000	-1.1858	Measured	0.0006
1	06/10/2018 09:39:50	24.0853	0.0000	-0.7131	Measured	0.0002
2	06/10/2018 09:39:54	23.6252	0.0000	-0.4601	Measured	0.0005
V1-1	06/10/2018 09:39:58	23.4380	0.0000	-0.1873	Measured	0.0002
3	06/10/2018 09:40:02	23.3714	0.0000	-0.0666	Measured	0.0001
V1-2	06/10/2018 09:40:06	22.7117	0.0000	-0.6597	Measured	0.0014
4	06/10/2018 09:40:10	22.6401	0.0000	-0.0716	Measured	0.0004
5	06/10/2018 09:40:14	23.0622	0.0000	0.4221	Measured	0.0002
6	06/10/2018 09:40:18	21.9130	0.0000	-1.1492	Measured	0.0003
V1-3	06/10/2018 09:40:22	22.0804	0.0000	0.1674	Measured	0.0001
7	06/10/2018 09:40:26	22.1248	0.0000	0.0444	Measured	0.0003
8	06/10/2018 09:40:30	21.5611	0.0000	-0.5637	Measured	0.0001
IGM11305	06/10/2018 09:40:34	21.9369	0.0000	0.3758	Measured	0.0001
9	06/10/2018 09:40:38	21.5657	0.0000	-0.3712	Measured	0.0001
V2	06/10/2018 09:40:42	21.3936	0.0000	-0.1721	Measured	0.0001
1	06/10/2018 09:40:46	21.8930	0.0000	0.4994	Measured	0.0002
V2-1	06/10/2018 09:40:50	22.2204	0.0000	0.3274	Measured	0.0003

2	06/10/2018 09:40:54	22.5648	0.0000	0.3444	Measured	0.0002
3	06/10/2018 09:40:58	23.0821	0.0000	0.5173	Measured	0.0002
4	06/10/2018 09:41:02	24.6852	0.0000	1.6031	Measured	0.0003
5	06/10/2018 09:41:06	25.4963	0.0000	0.8112	Measured	0.0000
V2-2	06/10/2018 09:41:10	26.2090	0.0000	0.7127	Measured	0.0000
5	06/10/2018 09:41:14	27.4749	0.0000	1.2658	Measured	0.0003
6	06/10/2018 09:41:18	29.1485	0.0000	1.6736	Measured	0.0001
7	06/10/2018 09:41:22	30.8177	0.0000	1.6692	Measured	0.0002
8	06/10/2018 09:41:26	32.0098	0.0000	1.1921	Measured	0.0000
9	06/10/2018 09:41:30	33.1334	0.0000	1.1235	Measured	0.0002
10	06/10/2018 09:41:34	33.8290	0.0000	0.6957	Measured	0.0001
11	06/10/2018 09:41:38	35.0511	0.0000	1.2221	Measured	0.0004
V2-3	06/10/2018 09:41:42	35.6461	0.0000	0.5950	Measured	0.0000
12	06/10/2018 09:41:46	35.3343	0.0000	-0.3119	Measured	0.0001
13	06/10/2018 09:41:50	36.7315	0.0000	1.3972	Measured	0.0003
14	06/10/2018 09:41:54	38.2120	0.0000	1.4805	Measured	0.0008
15	06/10/2018 09:41:58	39.3244	-0.0001	1.1125	Measured	0.0001
V2-4	06/10/2018 09:42:02	40.1994	-0.0001	0.8750	Measured	0.0001
1	06/10/2018 09:42:06	39.3861	-0.0001	-0.8134	Measured	0.0000
2	06/10/2018 09:42:10	40.1267	-0.0001	0.7406	Measured	0.0001
3	06/10/2018 09:42:14	41.5455	-0.0001	1.4188	Measured	0.0003
4	06/10/2018 09:42:18	42.3860	-0.0001	0.8406	Measured	0.0001
5	06/10/2018 09:42:22	43.9909	-0.0001	1.6049	Measured	0.0001
6	06/10/2018 09:42:26	45.6909	-0.0001	1.7000	Measured	0.0002
7	06/10/2018 09:42:30	46.7814	-0.0001	1.0904	Measured	0.0002
8	06/10/2018 09:42:34	47.2786	-0.0001	0.4972	Measured	0.0001
9	06/10/2018 09:42:38	47.8214	-0.0001	0.5428	Measured	0.0002
10	06/10/2018 09:42:42	49.3207	-0.0001	1.4994	Measured	0.0001
11	06/10/2018 09:42:46	50.9742	-0.0001	1.6535	Measured	0.0001
12	06/10/2018 09:42:50	52.1678	-0.0001	1.1936	Measured	0.0001
V3	06/10/2018 09:42:54	52.2306	-0.0001	0.0628	Measured	0.0001
1	06/10/2018 09:42:58	50.6140	-0.0001	-1.6166	Measured	0.0001
2	06/10/2018 09:43:02	49.0619	-0.0001	-1.5521	Measured	0.0000
3	06/10/2018 09:43:06	47.5118	-0.0001	-1.5501	Measured	0.0001
4	06/10/2018 09:43:10	45.8031	-0.0001	-1.7087	Measured	0.0001
5	06/10/2018 09:43:14	44.4250	-0.0001	-1.3781	Measured	0.0000
6	06/10/2018 09:43:18	43.7748	-0.0001	-0.6503	Measured	0.0001
7	06/10/2018 09:43:22	43.0573	-0.0001	-0.7175	Measured	0.0003
8	06/10/2018 09:43:26	42.7937	-0.0001	-0.2636	Measured	0.0003
V3-1	06/10/2018 09:43:30	42.6074	-0.0001	-0.1863	Measured	0.0001
1	06/10/2018 09:43:34	41.8953	-0.0001	-0.7121	Measured	0.0000
2	06/10/2018 09:43:38	40.5530	-0.0001	-1.3423	Measured	0.0002
3	06/10/2018 09:43:42	39.3019	-0.0001	-1.2511	Measured	0.0001
4	06/10/2018 09:43:46	38.2723	-0.0001	-1.0296	Measured	0.0002
5	06/10/2018 09:43:50	37.8101	-0.0001	-0.4621	Measured	0.0001
6	06/10/2018 09:43:54	37.8749	-0.0001	0.0647	Measured	0.0002
V3-2	06/10/2018 09:43:58	38.2529	-0.0001	0.3781	Measured	0.0005
1	06/10/2018 09:44:02	37.7499	-0.0001	-0.5031	Measured	0.0001
2	06/10/2018 09:44:06	36.8087	-0.0001	-0.9412	Measured	0.0002
3	06/10/2018 09:44:10	36.0484	-0.0001	-0.7603	Measured	0.0002
4	06/10/2018 09:44:14	36.7816	-0.0001	0.7332	Measured	0.0004
5	06/10/2018 09:44:18	37.6295	-0.0001	0.8479	Measured	0.0001
6	06/10/2018 09:44:22	38.1623	-0.0001	0.5328	Measured	0.0001
V3-3	06/10/2018 09:44:26	37.5417	-0.0001	-0.6206	Measured	0.0001
1	06/10/2018 09:44:30	37.8710	-0.0001	0.3293	Measured	0.0008
2	06/10/2018 09:44:34	37.8003	-0.0001	-0.0707	Measured	0.0007
3	06/10/2018 09:44:38	37.5861	-0.0001	-0.2141	Measured	0.0004

V2-4

	06/10/2018 09:44:42	37.0088	-0.0001	-0.5773	Measured	0.0002
1	06/10/2018 09:44:46	35.2364	-0.0001	-1.7724	Measured	0.0003
2	06/10/2018 09:44:50	33.3951	-0.0001	-1.8413	Measured	0.0001
V4	06/10/2018 09:44:54	32.6038	-0.0001	-0.7913	Measured	0.0000
1	06/10/2018 09:44:58	32.2839	-0.0001	-0.3199	Measured	0.0001
2	06/10/2018 09:45:02	31.4903	-0.0001	-0.7936	Measured	0.0002
3	06/10/2018 09:45:06	31.2287	-0.0001	-0.2616	Measured	0.0005
4	06/10/2018 09:45:10	31.1157	-0.0001	-0.1131	Measured	0.0003
5	06/10/2018 09:45:14	30.6557	-0.0001	-0.4599	Measured	0.0003
6	06/10/2018 09:45:18	30.2489	-0.0001	-0.4069	Measured	0.0004
7	06/10/2018 09:45:22	29.4535	-0.0001	-0.7954	Measured	0.0001
8	06/10/2018 09:45:26	27.8184	-0.0001	-1.6350	Measured	0.0001
V4-1	06/10/2018 09:45:30	27.1527	-0.0001	-0.6658	Measured	0.0001
9	06/10/2018 09:45:34	27.2958	-0.0001	0.1432	Measured	0.0003
10	06/10/2018 09:45:38	27.1934	-0.0001	-0.1025	Measured	0.0001
V4-2	06/10/2018 09:45:42	27.9524	-0.0001	0.7590	Measured	0.0003
11	06/10/2018 09:45:46	27.2370	-0.0001	-0.7154	Measured	0.0002
12	06/10/2018 09:45:50	27.1929	-0.0001	-0.0441	Measured	0.0002
V4-3	06/10/2018 09:45:54	27.3995	-0.0001	0.2066	Measured	0.0001
13	06/10/2018 09:45:58	27.1175	-0.0001	-0.2821	Measured	0.0001
14	06/10/2018 09:46:02	26.9384	-0.0001	-0.1791	Measured	0.0002
15	06/10/2018 09:46:06	26.7742	-0.0001	-0.1642	Measured	0.0006
V5-1	06/10/2018 09:46:10	26.4595	-0.0001	-0.3146	Measured	0.0001
16	06/10/2018 09:46:14	27.2326	-0.0001	0.7731	Measured	0.0001
17	06/10/2018 09:46:18	25.7924	-0.0001	-1.4402	Measured	0.0000
18	06/10/2018 09:46:22	24.0835	-0.0001	-1.7090	Measured	0.0001
19	06/10/2018 09:46:26	22.3044	-0.0001	-1.7791	Measured	0.0000
20	06/10/2018 09:46:30	20.6334	-0.0001	-1.6710	Measured	0.0001
21	06/10/2018 09:46:34	20.1854	-0.0001	-0.4480	Measured	0.0000
22	06/10/2018 09:46:38	20.3470	-0.0001	0.1616	Measured	0.0001
23	06/10/2018 09:46:42	22.0730	-0.0001	1.7260	Measured	0.0001
24	06/10/2018 09:46:46	23.7872	-0.0001	1.7143	Measured	0.0001
V5	06/10/2018 09:46:50	24.7202	-0.0001	0.9329	Measured	0.0001
1	06/10/2018 09:46:54	23.7872	-0.0001	-0.9329	Measured	0.0001
2	06/10/2018 09:46:58	22.0730	-0.0001	-1.7143	Measured	0.0001
3	06/10/2018 09:47:02	20.3470	-0.0001	-1.7260	Measured	0.0001
4	06/10/2018 09:47:06	20.1854	-0.0001	-0.1616	Measured	0.0001
5	06/10/2018 09:47:10	20.6334	-0.0001	0.4480	Measured	0.0000
6	06/10/2018 09:47:14	22.3044	-0.0001	1.6710	Measured	0.0001
7	06/10/2018 09:47:18	24.0835	-0.0001	1.7791	Measured	0.0000
8	06/10/2018 09:47:22	25.7924	-0.0001	1.7090	Measured	0.0001
9	06/10/2018 09:47:26	27.2326	-0.0001	1.4402	Measured	0.0000
V5-1	06/10/2018 09:47:30	26.4595	-0.0001	-0.7731	Measured	0.0001
1	06/10/2018 09:47:34	27.3286	-0.0001	0.8691	Measured	0.0001
2	06/10/2018 09:47:38	26.2876	-0.0001	-1.0411	Measured	0.0002
3	06/10/2018 09:47:42	26.1525	-0.0001	-0.1350	Measured	0.0004
V5-2	06/10/2018 09:47:46	25.5978	-0.0001	-0.5547	Measured	0.0001
1	06/10/2018 09:47:50	25.9793	-0.0001	0.3814	Measured	0.0003
2	06/10/2018 09:47:54	25.8243	-0.0001	-0.1550	Measured	0.0001
3	06/10/2018 09:47:58	25.6650	-0.0001	-0.1593	Measured	0.0001
V5-3	06/10/2018 09:48:02	25.5166	-0.0001	-0.1484	Measured	0.0002
1	06/10/2018 09:48:06	25.8239	-0.0002	0.3073	Measured	0.0004
2	06/10/2018 09:48:10	25.4484	-0.0002	-0.3755	Measured	0.0004
V5-4	06/10/2018 09:48:14	25.4969	-0.0002	0.0485	Measured	0.0002
1	06/10/2018 09:48:18	25.2479	-0.0002	-0.2490	Measured	0.0003
2	06/10/2018 09:48:22	24.9891	-0.0002	-0.2588	Measured	0.0004
3	06/10/2018 09:48:26	24.8373	-0.0002	-0.1517	Measured	0.0001

v/c

	06/10/2018 09:48:30	25.4703	-0.0002	0.6330	Measured	0.0003
1	06/10/2018 09:48:34	24.9648	-0.0002	-0.5055	Measured	0.0001
2	06/10/2018 09:48:38	24.8588	-0.0002	-0.1060	Measured	0.0002
3	06/10/2018 09:48:42	24.7663	-0.0002	-0.0925	Measured	0.0001
V6-1	06/10/2018 09:48:46	24.2721	-0.0002	-0.4943	Measured	0.0000
4	06/10/2018 09:48:50	24.3467	-0.0002	0.0746	Measured	0.0001
5	06/10/2018 09:48:54	23.4830	-0.0002	-0.8637	Measured	0.0000
6	06/10/2018 09:48:58	23.3315	-0.0002	-0.1515	Measured	0.0004
7	06/10/2018 09:49:02	23.3523	-0.0002	0.0208	Measured	0.0003
8	06/10/2018 09:49:06	24.2713	-0.0002	0.9190	Measured	0.0003
V6-2	06/10/2018 09:49:10	24.2144	-0.0002	-0.0569	Measured	0.0003
9	06/10/2018 09:49:14	23.3315	-0.0002	-0.8829	Measured	0.0000
10	06/10/2018 09:49:18	23.1855	-0.0002	-0.1460	Measured	0.0002
11	06/10/2018 09:49:22	23.3106	-0.0002	0.1252	Measured	0.0002
12	06/10/2018 09:49:26	23.3492	-0.0002	0.0386	Measured	0.0004
V6-3	06/10/2018 09:49:30	23.7197	-0.0002	0.3705	Measured	0.0000
13	06/10/2018 09:49:34	23.0996	-0.0002	-0.6201	Measured	0.0002
14	06/10/2018 09:49:38	23.0807	-0.0002	-0.0189	Measured	0.0002
15	06/10/2018 09:49:42	23.3827	-0.0002	0.3020	Measured	0.0003
16	06/10/2018 09:49:46	23.4546	-0.0002	0.0719	Measured	0.0004
17	06/10/2018 09:49:50	23.8306	-0.0002	0.3760	Measured	0.0004
V6-4	06/10/2018 09:49:54	24.2176	-0.0002	0.3870	Measured	0.0001
18	06/10/2018 09:49:58	24.3052	-0.0002	0.0877	Measured	0.0003
V6-5	06/10/2018 09:50:02	24.2440	-0.0002	-0.0612	Measured	0.0000
19	06/10/2018 09:50:06	24.2952	-0.0002	0.0511	Measured	0.0002
V7	06/10/2018 09:50:10	25.0617	-0.0002	0.7665	Measured	0.0002
1	06/10/2018 09:50:14	24.3384	-0.0002	-0.7233	Measured	0.0003
2	06/10/2018 09:50:18	23.8575	-0.0002	-0.4810	Measured	0.0003
V7-1	06/10/2018 09:50:22	23.8570	-0.0002	-0.0004	Measured	0.0001
3	06/10/2018 09:50:26	24.0767	-0.0002	0.2196	Measured	0.0004
V7-2	06/10/2018 09:50:30	24.1617	-0.0002	0.0850	Measured	0.0006
4	06/10/2018 09:50:34	24.4831	-0.0002	0.3214	Measured	0.0003
5	06/10/2018 09:50:38	24.6034	-0.0002	0.1204	Measured	0.0002
V7-3	06/10/2018 09:50:42	24.4150	-0.0002	-0.1885	Measured	0.0001
6	06/10/2018 09:50:46	24.3408	-0.0002	-0.0741	Measured	0.0000
7	06/10/2018 09:50:50	24.0302	-0.0002	-0.3107	Measured	0.0001
8	06/10/2018 09:50:54	23.9552	-0.0002	-0.0750	Measured	0.0002
9	06/10/2018 09:50:58	24.2551	-0.0002	0.2999	Measured	0.0002
10	06/10/2018 09:51:02	24.0787	-0.0002	-0.1764	Measured	0.0001
V7-4	06/10/2018 09:51:06	24.0662	-0.0002	-0.0125	Measured	0.0002
11	06/10/2018 09:51:10	24.4984	-0.0002	0.4322	Measured	0.0003
V8	06/10/2018 09:51:14	25.9819	-0.0002	1.4835	Measured	0.0002
1	06/10/2018 09:51:18	24.4984	-0.0002	-1.4835	Measured	0.0002
V7-4	06/10/2018 09:51:22	24.0662	-0.0002	-0.4322	Measured	0.0003
2	06/10/2018 09:51:26	23.8587	-0.0002	-0.2075	Measured	0.0002
3	06/10/2018 09:51:30	23.8484	-0.0002	-0.0103	Measured	0.0004
V8-1	06/10/2018 09:51:34	23.8423	-0.0002	-0.0061	Measured	0.0005
V8-2	06/10/2018 09:51:38	24.2201	-0.0002	0.3778	Measured	0.0001
V8-3	06/10/2018 09:51:42	25.1585	-0.0002	0.9384	Measured	0.0001
4	06/10/2018 09:51:46	24.8285	-0.0002	-0.3300	Measured	0.0000
5	06/10/2018 09:51:50	24.0560	-0.0002	-0.7725	Measured	0.0002
6	06/10/2018 09:51:54	24.0922	-0.0002	0.0362	Measured	0.0001
7	06/10/2018 09:51:58	24.2898	-0.0002	0.1976	Measured	0.0001
8	06/10/2018 09:52:02	24.8128	-0.0002	0.5229	Measured	0.0101
V8-4	06/10/2018 09:52:06	25.6432	-0.0002	0.8305	Measured	0.0000
9	06/10/2018 09:52:10	25.5364	-0.0002	-0.1069	Measured	0.0001
10	06/10/2018 09:52:14	24.3875	-0.0002	-1.1488	Measured	0.0001

	06/10/2018 09:52:18	24.2053	-0.0002	-0.1822	Measured	0.0002
12	06/10/2018 09:52:22	24.2424	-0.0002	0.0371	Measured	0.0004
V8-5	06/10/2018 09:52:26	24.4887	-0.0002	0.2463	Measured	0.0003
13	06/10/2018 09:52:30	23.9230	-0.0003	-0.5657	Measured	0.0002
14	06/10/2018 09:52:34	24.0353	-0.0003	0.1123	Measured	0.0003
15	06/10/2018 09:52:38	24.7655	-0.0003	0.7303	Measured	0.0003
16	06/10/2018 09:52:42	24.8238	-0.0003	0.0583	Measured	0.0001
V8-6	06/10/2018 09:52:46	25.3061	-0.0003	0.4822	Measured	0.0004
17	06/10/2018 09:52:50	24.2031	-0.0003	-1.1030	Measured	0.0000
18	06/10/2018 09:52:54	24.2554	-0.0003	0.0524	Measured	0.0001
19	06/10/2018 09:52:58	23.8218	-0.0003	-0.4336	Measured	0.0003
V8-7	06/10/2018 09:53:02	24.4305	-0.0003	0.6087	Measured	0.0002
20	06/10/2018 09:53:06	23.6371	-0.0003	-0.7934	Measured	0.0003
21	06/10/2018 09:53:10	23.5199	-0.0003	-0.1173	Measured	0.0002
22	06/10/2018 09:53:14	24.7278	-0.0003	1.2080	Measured	0.0000
23	06/10/2018 09:53:18	25.9808	-0.0003	1.2530	Measured	0.0000
V8-8	06/10/2018 09:53:22	27.2510	-0.0003	1.2702	Measured	0.0000
24	06/10/2018 09:53:26	25.9807	-0.0003	-1.2703	Measured	-
25	06/10/2018 09:53:30	24.4368	-0.0003	-1.5439	Measured	0.0000
26	06/10/2018 09:53:34	23.7194	-0.0003	-0.7174	Measured	0.0001
27	06/10/2018 09:53:38	23.9047	-0.0003	0.1853	Measured	0.0001
28	06/10/2018 09:53:42	25.1516	-0.0003	1.2469	Measured	0.0003
29	06/10/2018 09:53:46	25.5713	-0.0003	0.4198	Measured	0.0003
30	06/10/2018 09:53:50	27.3080	-0.0003	1.7367	Measured	0.0003
31	06/10/2018 09:53:54	28.2676	-0.0003	0.9596	Measured	0.0001
V9	06/10/2018 09:53:58	27.4828	-0.0003	-0.7848	Measured	0.0001
32	06/10/2018 09:54:02	27.4479	-0.0003	-0.0349	Measured	0.0002
33	06/10/2018 09:54:06	28.6137	-0.0003	1.1658	Measured	0.0000
34	06/10/2018 09:54:10	29.8886	-0.0003	1.2749	Measured	-
V8-9	06/10/2018 09:54:14	29.9450	-0.0003	0.0564	Measured	0.0000
35	06/10/2018 09:54:18	29.8886	-0.0003	-0.0564	Measured	0.0000
36	06/10/2018 09:54:22	28.6135	-0.0003	-1.2752	Measured	0.0000
37	06/10/2018 09:54:26	27.4480	-0.0003	-1.1655	Measured	0.0000
V9	06/10/2018 09:54:30	27.4829	-0.0003	0.0349	Measured	0.0000
1	06/10/2018 09:54:34	27.6759	-0.0002	0.1930	Measured	0.0005
2	06/10/2018 09:54:38	26.6623	-0.0002	-1.0136	Measured	0.0001
3	06/10/2018 09:54:42	26.4906	-0.0002	-0.1717	Measured	0.0001
V9-1	06/10/2018 09:54:46	26.4494	-0.0002	-0.0412	Measured	0.0002
4	06/10/2018 09:54:50	25.9994	-0.0002	-0.4500	Measured	0.0001
5	06/10/2018 09:54:54	24.8838	-0.0002	-1.1156	Measured	0.0001
6	06/10/2018 09:54:58	24.9360	-0.0002	0.0522	Measured	0.0001
V9-2	06/10/2018 09:55:02	24.9051	-0.0002	-0.0309	Measured	0.0002
7	06/10/2018 09:55:06	24.8103	-0.0002	-0.0948	Measured	0.0000
8	06/10/2018 09:55:10	24.8949	-0.0002	0.0846	Measured	0.0002
9	06/10/2018 09:55:14	24.9147	-0.0002	0.0198	Measured	0.0001
V9-3	06/10/2018 09:55:18	25.7230	-0.0002	0.8083	Measured	0.0001
10	06/10/2018 09:55:22	24.9382	-0.0002	-0.7848	Measured	0.0001
11	06/10/2018 09:55:26	25.0060	-0.0002	0.0678	Measured	0.0001
12	06/10/2018 09:55:30	24.7545	-0.0002	-0.2515	Measured	0.0000
13	06/10/2018 09:55:34	24.8833	-0.0002	0.1287	Measured	0.0000
14	06/10/2018 09:55:38	26.6509	-0.0002	1.7676	Measured	0.0000
15	06/10/2018 09:55:42	28.7280	-0.0002	2.0771	Measured	0.0000
V9-4	06/10/2018 09:55:46	30.6646	-0.0002	1.9366	Measured	0.0000
16	06/10/2018 09:55:50	28.7280	-0.0002	-1.9366	Measured	0.0000
17	06/10/2018 09:55:54	26.6638	-0.0002	-2.0643	Measured	0.0000
18	06/10/2018 09:55:58	24.8723	-0.0002	-1.7915	Measured	0.0000
19	06/10/2018 09:56:02	25.0206	-0.0002	0.1483	Measured	0.0000

20

	06/10/2018 09:56:06	24.8222	-0.0002	-0.1984	Measured	0.0001
21	06/10/2018 09:56:10	24.7562	-0.0002	-0.0659	Measured	0.0001
22	06/10/2018 09:56:14	24.5788	-0.0002	-0.1775	Measured	0.0001
23	06/10/2018 09:56:18	24.9114	-0.0002	0.3326	Measured	0.0003
V9-5	06/10/2018 09:56:22	24.8952	-0.0002	-0.0162	Measured	0.0000
24	06/10/2018 09:56:26	24.6513	-0.0002	-0.2439	Measured	0.0001
25	06/10/2018 09:56:30	25.0815	-0.0002	0.4302	Measured	0.0001
26	06/10/2018 09:56:34	25.1481	-0.0002	0.0666	Measured	0.0001
V9-6	06/10/2018 09:56:38	25.2704	-0.0002	0.1224	Measured	0.0000
27	06/10/2018 09:56:42	25.1078	-0.0002	-0.1627	Measured	0.0001
V9-7	06/10/2018 09:56:46	25.2035	-0.0002	0.0957	Measured	0.0002
28	06/10/2018 09:56:50	25.3646	-0.0002	0.1611	Measured	0.0001
29	06/10/2018 09:56:54	25.1345	-0.0002	-0.2301	Measured	0.0001
V9-8	06/10/2018 09:56:58	24.9342	-0.0002	-0.2003	Measured	0.0002
30	06/10/2018 09:57:02	25.0006	-0.0002	0.0663	Measured	0.0000
31	06/10/2018 09:57:06	24.7940	-0.0002	-0.2065	Measured	0.0001
32	06/10/2018 09:57:10	24.9203	-0.0002	0.1262	Measured	0.0007
33	06/10/2018 09:57:14	25.2234	-0.0002	0.3031	Measured	0.0000
V10-2	06/10/2018 09:57:18	24.7657	-0.0002	-0.4577	Measured	0.0001
34	06/10/2018 09:57:22	24.8383	-0.0002	0.0727	Measured	0.0001
35	06/10/2018 09:57:26	24.7707	-0.0002	-0.0676	Measured	0.0003
36	06/10/2018 09:57:30	25.0553	-0.0002	0.2846	Measured	0.0002
V10-1	06/10/2018 09:57:34	25.0003	-0.0002	-0.0550	Measured	0.0002
37	06/10/2018 09:57:38	25.0074	-0.0002	0.0071	Measured	0.0003
V10	06/10/2018 09:57:42	25.2263	-0.0002	0.2189	Measured	0.0003
1	06/10/2018 09:57:46	25.0074	-0.0002	-0.2189	Measured	0.0003
V10-1	06/10/2018 09:57:50	25.0003	-0.0002	-0.0071	Measured	0.0003
2	06/10/2018 09:57:54	25.0553	-0.0003	0.0550	Measured	0.0002
3	06/10/2018 09:57:58	24.7707	-0.0003	-0.2846	Measured	0.0002
4	06/10/2018 09:58:02	24.8383	-0.0003	0.0676	Measured	0.0003
V10-2	06/10/2018 09:58:06	24.7657	-0.0003	-0.0727	Measured	0.0001
5	06/10/2018 09:58:10	24.7893	-0.0003	0.0236	Measured	0.0003
6	06/10/2018 09:58:14	24.7514	-0.0003	-0.0379	Measured	0.0005
V10-3	06/10/2018 09:58:18	24.8551	-0.0003	0.1037	Measured	0.0004
7	06/10/2018 09:58:22	24.8483	-0.0003	-0.0068	Measured	0.0004
8	06/10/2018 09:58:26	24.9613	-0.0003	0.1131	Measured	0.0005
V10-4	06/10/2018 09:58:30	26.2374	-0.0003	1.2761	Measured	0.0001
9	06/10/2018 09:58:34	25.7812	-0.0003	-0.4563	Measured	0.0010
10	06/10/2018 09:58:38	25.6610	-0.0003	-0.1202	Measured	0.0004
11	06/10/2018 09:58:42	25.9817	-0.0003	0.3207	Measured	0.0001
V10-5	06/10/2018 09:58:46	25.9818	-0.0003	0.0001	Measured	0.0001
V10-6	06/10/2018 09:58:50	25.1125	-0.0003	-0.8693	Measured	0.0001
V11	06/10/2018 09:58:54	25.9904	-0.0003	0.8779	Measured	0.0000
1	06/10/2018 09:58:58	25.4129	-0.0003	-0.5775	Measured	0.0001
V11-1	06/10/2018 09:59:02	25.1003	-0.0003	-0.3126	Measured	0.0002
2	06/10/2018 09:59:06	25.1573	-0.0003	0.0570	Measured	0.0003
3	06/10/2018 09:59:10	25.3269	-0.0003	0.1697	Measured	0.0005
V11-2	06/10/2018 09:59:14	25.2923	-0.0003	-0.0347	Measured	0.0002
4	06/10/2018 09:59:18	25.4209	-0.0003	0.1286	Measured	0.0003
5	06/10/2018 09:59:22	25.5425	-0.0003	0.1216	Measured	0.0004
V11-3	06/10/2018 09:59:26	25.4870	-0.0003	-0.0555	Measured	0.0001
6	06/10/2018 09:59:30	25.8475	-0.0003	0.3605	Measured	0.0003
7	06/10/2018 09:59:34	25.9227	-0.0003	0.0752	Measured	0.0003
V11-4	06/10/2018 09:59:38	25.9885	-0.0003	0.0658	Measured	0.0005
8	06/10/2018 09:59:42	25.9411	-0.0003	-0.0474	Measured	0.0007
9	06/10/2018 09:59:46	25.7613	-0.0003	-0.1798	Measured	0.0003
10	06/10/2018 09:59:50	25.7194	-0.0003	-0.0419	Measured	0.0004

	06/10/2018 09:59:54	25.7696	-0.0003	0.0502	Measured	0.0002
12	06/10/2018 09:59:58	25.8143	-0.0003	0.0447	Measured	0.0001
V11-5	06/10/2018 10:00:02	25.7025	-0.0003	-0.1118	Measured	0.0001
13	06/10/2018 10:00:06	25.7737	-0.0003	0.0712	Measured	0.0001
14	06/10/2018 10:00:10	25.8605	-0.0003	0.0869	Measured	0.0000
15	06/10/2018 10:00:14	25.8730	-0.0003	0.0125	Measured	0.0001
16	06/10/2018 10:00:18	25.9943	-0.0003	0.1213	Measured	0.0005
17	06/10/2018 10:00:22	27.6913	-0.0003	1.6970	Measured	0.0001
18	06/10/2018 10:00:26	29.3359	-0.0003	1.6446	Measured	0.0000
19	06/10/2018 10:00:30	30.9492	-0.0003	1.6134	Measured	0.0000
20	06/10/2018 10:00:34	32.8376	-0.0003	1.8884	Measured	0.0002
V12	06/10/2018 10:00:38	33.3756	-0.0003	0.5381	Measured	0.0001
1	06/10/2018 10:00:42	32.8755	-0.0003	-0.5002	Measured	0.0000
2	06/10/2018 10:00:46	31.4775	-0.0003	-1.3980	Measured	0.0001
3	06/10/2018 10:00:50	29.6284	-0.0003	-1.8491	Measured	0.0001
4	06/10/2018 10:00:54	28.1105	-0.0003	-1.5180	Measured	0.0000
5	06/10/2018 10:00:58	27.0720	-0.0003	-1.0385	Measured	0.0000
6	06/10/2018 10:01:02	26.8028	-0.0003	-0.2692	Measured	0.0003
7	06/10/2018 10:01:06	27.1974	-0.0003	0.3946	Measured	0.0001
8	06/10/2018 10:01:10	26.6454	-0.0003	-0.5520	Measured	0.0001
V12-1	06/10/2018 10:01:14	26.7031	-0.0003	0.0577	Measured	0.0003
9	06/10/2018 10:01:18	26.3410	-0.0003	-0.3621	Measured	0.0005
10	06/10/2018 10:01:22	26.2427	-0.0003	-0.0983	Measured	0.0004
11	06/10/2018 10:01:26	26.2946	-0.0003	0.0520	Measured	0.0004
V12-2	06/10/2018 10:01:30	26.3510	-0.0003	0.0563	Measured	0.0001
12	06/10/2018 10:01:34	27.0534	-0.0003	0.7024	Measured	0.0001
13	06/10/2018 10:01:38	27.2533	-0.0003	0.1999	Measured	0.0000
14	06/10/2018 10:01:42	27.2098	-0.0003	-0.0434	Measured	0.0002
V12-3	06/10/2018 10:01:46	27.0198	-0.0003	-0.1900	Measured	0.0003
15	06/10/2018 10:01:50	26.9372	-0.0003	-0.0826	Measured	0.0001
V12-4	06/10/2018 10:01:54	27.2616	-0.0003	0.3244	Measured	0.0002
16	06/10/2018 10:01:58	27.1984	-0.0003	-0.0632	Measured	0.0002
17	06/10/2018 10:02:02	27.0822	-0.0003	-0.1162	Measured	0.0004
V12-5	06/10/2018 10:02:06	27.2115	-0.0003	0.1293	Measured	0.0003
18	06/10/2018 10:02:10	27.3243	-0.0003	0.1127	Measured	0.0000
19	06/10/2018 10:02:14	26.5338	-0.0003	-0.7905	Measured	0.0004
20	06/10/2018 10:02:18	26.6930	-0.0003	0.1592	Measured	0.0004
21	06/10/2018 10:02:22	27.4295	-0.0003	0.7365	Measured	0.0002
V12-6	06/10/2018 10:02:26	28.2355	-0.0003	0.8060	Measured	0.0002
22	06/10/2018 10:02:30	28.0722	-0.0003	-0.1633	Measured	0.0001
23	06/10/2018 10:02:34	28.0712	-0.0003	-0.0010	Measured	0.0001
V12-7	06/10/2018 10:02:38	27.9226	-0.0003	-0.1487	Measured	0.0002
24	06/10/2018 10:02:42	27.5217	-0.0003	-0.4009	Measured	0.0001
V12-8	06/10/2018 10:02:46	27.7127	-0.0003	0.1911	Measured	0.0004
25	06/10/2018 10:02:50	27.7596	-0.0004	0.0469	Measured	0.0001
26	06/10/2018 10:02:54	27.5826	-0.0004	-0.1770	Measured	0.0008
27	06/10/2018 10:02:58	28.0069	-0.0004	0.4243	Measured	0.0004
V13	06/10/2018 10:03:02	29.0256	-0.0004	1.0188	Measured	0.0003
1	06/10/2018 10:03:06	28.9657	-0.0004	-0.0599	Measured	0.0004
2	06/10/2018 10:03:10	29.1910	-0.0004	0.2253	Measured	0.0002
V13-1	06/10/2018 10:03:14	29.4028	-0.0004	0.2118	Measured	0.0001
3	06/10/2018 10:03:18	29.6705	-0.0004	0.2677	Measured	0.0003
V13-2	06/10/2018 10:03:22	30.1719	-0.0004	0.5014	Measured	0.0002
4	06/10/2018 10:03:26	29.9665	-0.0004	-0.2054	Measured	0.0002
5	06/10/2018 10:03:30	30.2105	-0.0004	0.2440	Measured	0.0002
V13-3	06/10/2018 10:03:34	30.5845	-0.0004	0.3740	Measured	0.0004
6	06/10/2018 10:03:38	30.6490	-0.0004	0.0645	Measured	0.0004

7

	06/10/2018 10:03:42	30.8524	-0.0004	0.2035	Measured	0.0002
8	06/10/2018 10:03:46	31.0400	-0.0004	0.1876	Measured	0.0003
V14	06/10/2018 10:03:50	31.4400	-0.0004	0.4000	Measured	0.0001
1	06/10/2018 10:03:54	31.0275	-0.0004	-0.4125	Measured	0.0001
2	06/10/2018 10:03:58	30.8303	-0.0004	-0.1972	Measured	0.0003
3	06/10/2018 10:04:02	30.6498	-0.0004	-0.1805	Measured	0.0002
V13-3	06/10/2018 10:04:06	30.5845	-0.0004	-0.0653	Measured	0.0004
4	06/10/2018 10:04:10	30.2035	-0.0004	-0.3810	Measured	0.0004
5	06/10/2018 10:04:14	29.9708	-0.0004	-0.2327	Measured	0.0002
V13-2	06/10/2018 10:04:18	30.1721	-0.0004	0.2013	Measured	0.0002
6	06/10/2018 10:04:22	29.6655	-0.0004	-0.5066	Measured	0.0002
V13-1	06/10/2018 10:04:26	29.4038	-0.0004	-0.2616	Measured	0.0003
7	06/10/2018 10:04:30	29.1716	-0.0004	-0.2322	Measured	0.0001
8	06/10/2018 10:04:34	28.9652	-0.0004	-0.2064	Measured	0.0002
V13	06/10/2018 10:04:38	29.0254	-0.0004	0.0601	Measured	0.0004
1	06/10/2018 10:04:42	27.9953	-0.0004	-1.0301	Measured	0.0003
2	06/10/2018 10:04:46	27.5614	-0.0004	-0.4339	Measured	0.0004
3	06/10/2018 10:04:50	27.7613	-0.0004	0.1999	Measured	0.0008
V12-8	06/10/2018 10:04:54	27.7127	-0.0004	-0.0486	Measured	0.0001
4	06/10/2018 10:04:58	27.5146	-0.0004	-0.1981	Measured	0.0004
V12-7	06/10/2018 10:05:02	27.9227	-0.0004	0.4081	Measured	0.0001
5	06/10/2018 10:05:06	28.0326	-0.0004	0.1098	Measured	0.0002
6	06/10/2018 10:05:10	28.0283	-0.0004	-0.0043	Measured	0.0001
V12-6	06/10/2018 10:05:14	28.2356	-0.0004	0.2073	Measured	0.0001
6	06/10/2018 10:05:18	27.4092	-0.0004	-0.8264	Measured	0.0002
7	06/10/2018 10:05:22	26.6915	-0.0004	-0.7176	Measured	0.0002
8	06/10/2018 10:05:26	26.5721	-0.0004	-0.1195	Measured	0.0004
9	06/10/2018 10:05:30	27.3644	-0.0004	0.7923	Measured	0.0004
V12-5	06/10/2018 10:05:34	27.2115	-0.0004	-0.1529	Measured	0.0000
10	06/10/2018 10:05:38	27.0825	-0.0004	-0.1290	Measured	0.0003
11	06/10/2018 10:05:42	27.1884	-0.0004	0.1058	Measured	0.0004
V12-4	06/10/2018 10:05:46	27.2617	-0.0004	0.0733	Measured	0.0002
12	06/10/2018 10:05:50	26.9410	-0.0004	-0.3207	Measured	0.0002
V12-3	06/10/2018 10:05:54	27.0201	-0.0004	0.0791	Measured	0.0001
13	06/10/2018 10:05:58	27.2124	-0.0004	0.1923	Measured	0.0003
14	06/10/2018 10:06:02	27.2503	-0.0004	0.0379	Measured	0.0002
15	06/10/2018 10:06:06	27.0432	-0.0004	-0.2071	Measured	0.0000
V12-2	06/10/2018 10:06:10	26.3513	-0.0004	-0.6919	Measured	0.0001
16	06/10/2018 10:06:14	26.2990	-0.0004	-0.0523	Measured	0.0001
17	06/10/2018 10:06:18	26.2522	-0.0004	-0.0468	Measured	0.0004
18	06/10/2018 10:06:22	26.3452	-0.0004	0.0929	Measured	0.0004
V12-1	06/10/2018 10:06:26	26.7031	-0.0004	0.3580	Measured	0.0005
19	06/10/2018 10:06:30	26.6445	-0.0004	-0.0586	Measured	0.0003
20	06/10/2018 10:06:34	27.1969	-0.0004	0.5523	Measured	0.0001
21	06/10/2018 10:06:38	26.7987	-0.0004	-0.3981	Measured	0.0001
22	06/10/2018 10:06:42	27.0613	-0.0004	0.2626	Measured	0.0003
23	06/10/2018 10:06:46	28.1066	-0.0004	1.0453	Measured	0.0000
24	06/10/2018 10:06:50	29.6272	-0.0004	1.5207	Measured	0.0000
25	06/10/2018 10:06:54	31.4721	-0.0004	1.8449	Measured	0.0001
26	06/10/2018 10:06:58	32.8642	-0.0004	1.3921	Measured	0.0001
V12	06/10/2018 10:07:02	33.3751	-0.0004	0.5109	Measured	0.0000
1	06/10/2018 10:07:06	32.8257	-0.0004	-0.5494	Measured	0.0001
2	06/10/2018 10:07:10	30.9470	-0.0004	-1.8787	Measured	0.0002
3	06/10/2018 10:07:14	29.3566	-0.0004	-1.5904	Measured	0.0000
4	06/10/2018 10:07:18	27.7103	-0.0004	-1.6463	Measured	0.0000
5	06/10/2018 10:07:22	26.0063	-0.0004	-1.7040	Measured	0.0001
6	06/10/2018 10:07:26	25.8922	-0.0004	-0.1141	Measured	0.0005

7

	06/10/2018 10:07:30	25.8409	-0.0004	-0.0513	Measured	0.0001
8	06/10/2018 10:07:34	25.7488	-0.0004	-0.0921	Measured	0.0000
V11-5	06/10/2018 10:07:38	25.7020	-0.0005	-0.0467	Measured	0.0001
9	06/10/2018 10:07:42	25.7935	-0.0005	0.0915	Measured	0.0001
10	06/10/2018 10:07:46	25.7676	-0.0005	-0.0259	Measured	0.0001
11	06/10/2018 10:07:50	25.7573	-0.0005	-0.0104	Measured	0.0002
12	06/10/2018 10:07:54	25.8010	-0.0005	0.0437	Measured	0.0004
13	06/10/2018 10:07:58	25.9406	-0.0005	0.1396	Measured	0.0003
V11-4	06/10/2018 10:08:02	25.9882	-0.0005	0.0476	Measured	0.0007
14	06/10/2018 10:08:06	25.9120	-0.0005	-0.0762	Measured	0.0005
15	06/10/2018 10:08:10	25.8470	-0.0005	-0.0651	Measured	0.0003
V11-3	06/10/2018 10:08:14	25.4874	-0.0005	-0.3595	Measured	0.0003
16	06/10/2018 10:08:18	25.5393	-0.0005	0.0519	Measured	0.0001
17	06/10/2018 10:08:22	25.4200	-0.0005	-0.1193	Measured	0.0004
V11-2	06/10/2018 10:08:26	25.2922	-0.0005	-0.1278	Measured	0.0003
18	06/10/2018 10:08:30	25.3197	-0.0005	0.0275	Measured	0.0002
19	06/10/2018 10:08:34	25.1605	-0.0005	-0.1592	Measured	0.0005
V11-1	06/10/2018 10:08:38	25.1000	-0.0005	-0.0606	Measured	0.0003
20	06/10/2018 10:08:42	25.4178	-0.0005	0.3178	Measured	0.0002
V11	06/10/2018 10:08:46	25.9901	-0.0005	0.5723	Measured	0.0001
V10-6	06/10/2018 10:08:50	25.1120	-0.0005	-0.8780	Measured	0.0000
V10-5	06/10/2018 10:08:54	25.9819	-0.0005	0.8699	Measured	0.0001
1	06/10/2018 10:08:58	26.0048	-0.0005	0.0229	Measured	0.0001
2	06/10/2018 10:09:02	25.6823	-0.0005	-0.3225	Measured	0.0001
3	06/10/2018 10:09:06	25.7955	-0.0005	0.1132	Measured	0.0004
V10-4	06/10/2018 10:09:10	26.2371	-0.0005	0.4416	Measured	0.0010
4	06/10/2018 10:09:14	24.9222	-0.0005	-1.3149	Measured	0.0001
5	06/10/2018 10:09:18	24.8039	-0.0005	-0.1183	Measured	0.0005
V10-3	06/10/2018 10:09:22	24.8549	-0.0005	0.0510	Measured	0.0004
6	06/10/2018 10:09:26	24.7309	-0.0005	-0.1240	Measured	0.0004
7	06/10/2018 10:09:30	24.7876	-0.0005	0.0568	Measured	0.0005
V10-2	06/10/2018 10:09:34	24.7652	-0.0005	-0.0224	Measured	0.0003
8	06/10/2018 10:09:38	24.8397	-0.0005	0.0745	Measured	0.0001
9	06/10/2018 10:09:42	24.7319	-0.0005	-0.1078	Measured	0.0003
10	06/10/2018 10:09:46	25.0167	-0.0005	0.2848	Measured	0.0002
V10-1	06/10/2018 10:09:50	25.0003	-0.0005	-0.0164	Measured	0.0002
11	06/10/2018 10:09:54	25.0175	-0.0005	0.0172	Measured	0.0003
V10	06/10/2018 10:09:58	25.2262	-0.0005	0.2088	Measured	0.0003
1	06/10/2018 10:10:02	25.0072	-0.0005	-0.2190	Measured	0.0003
V10-1	06/10/2018 10:10:06	25.0004	-0.0005	-0.0068	Measured	0.0003
2	06/10/2018 10:10:10	25.0783	-0.0005	0.0779	Measured	0.0002
3	06/10/2018 10:10:14	24.7921	-0.0005	-0.2863	Measured	0.0002
4	06/10/2018 10:10:18	24.8527	-0.0005	0.0606	Measured	0.0003
V10-2	06/10/2018 10:10:22	24.7655	-0.0005	-0.0872	Measured	0.0001
5	06/10/2018 10:10:26	25.1843	-0.0005	0.4189	Measured	0.0001
6	06/10/2018 10:10:30	24.8759	-0.0005	-0.3084	Measured	0.0000
7	06/10/2018 10:10:34	24.7940	-0.0005	-0.0820	Measured	0.0007
8	06/10/2018 10:10:38	24.9801	-0.0005	0.1862	Measured	0.0001
V9-8	06/10/2018 10:10:42	24.9338	-0.0005	-0.0464	Measured	0.0000
9	06/10/2018 10:10:46	25.1353	-0.0005	0.2015	Measured	0.0002
10	06/10/2018 10:10:50	25.3672	-0.0005	0.2320	Measured	0.0001
V9-7	06/10/2018 10:10:54	25.2029	-0.0005	-0.1643	Measured	0.0001
11	06/10/2018 10:10:58	25.1074	-0.0005	-0.0955	Measured	0.0002
V9-6	06/10/2018 10:11:02	25.2699	-0.0005	0.1625	Measured	0.0001
12	06/10/2018 10:11:06	25.1577	-0.0005	-0.1122	Measured	0.0000
13	06/10/2018 10:11:10	25.0809	-0.0005	-0.0767	Measured	0.0001
14	06/10/2018 10:11:14	24.6472	-0.0005	-0.4338	Measured	0.0001

V9-5

	06/10/2018 10:11:18	24.8947	-0.0005	0.2475	Measured	0.0001
15	06/10/2018 10:11:22	24.9117	-0.0005	0.0170	Measured	0.0000
16	06/10/2018 10:11:26	24.5718	-0.0005	-0.3398	Measured	0.0003
17	06/10/2018 10:11:30	24.7598	-0.0005	0.1880	Measured	0.0001
18	06/10/2018 10:11:34	24.8221	-0.0005	0.0624	Measured	0.0001
19	06/10/2018 10:11:38	25.0258	-0.0005	0.2036	Measured	0.0001
20	06/10/2018 10:11:42	24.7545	-0.0005	-0.2712	Measured	0.0000
21	06/10/2018 10:11:46	25.0019	-0.0005	0.2473	Measured	0.0000
22	06/10/2018 10:11:50	24.9332	-0.0005	-0.0687	Measured	0.0001
V9-3	06/10/2018 10:11:54	25.7229	-0.0005	0.7898	Measured	0.0001
23	06/10/2018 10:11:58	24.9111	-0.0005	-0.8118	Measured	0.0001
24	06/10/2018 10:12:02	24.8846	-0.0005	-0.0265	Measured	0.0001
25	06/10/2018 10:12:06	24.8068	-0.0005	-0.0778	Measured	0.0002
V9-2	06/10/2018 10:12:10	24.9051	-0.0005	0.0983	Measured	0.0000
26	06/10/2018 10:12:14	24.9318	-0.0005	0.0267	Measured	0.0002
27	06/10/2018 10:12:18	24.8738	-0.0005	-0.0580	Measured	0.0001
28	06/10/2018 10:12:22	26.0001	-0.0005	1.1264	Measured	0.0001
V9-1	06/10/2018 10:12:26	26.4489	-0.0006	0.4488	Measured	0.0001
29	06/10/2018 10:12:30	26.5090	-0.0006	0.0601	Measured	0.0002
30	06/10/2018 10:12:34	26.6635	-0.0006	0.1545	Measured	0.0001
31	06/10/2018 10:12:38	27.6770	-0.0006	1.0136	Measured	0.0001
V9	06/10/2018 10:12:42	27.4829	-0.0006	-0.1942	Measured	0.0005
4	06/10/2018 10:12:46	28.2607	-0.0006	0.7778	Measured	0.0000
5	06/10/2018 10:12:50	27.2865	-0.0006	-0.9741	Measured	0.0001
6	06/10/2018 10:12:54	25.5110	-0.0006	-1.7755	Measured	0.0003
7	06/10/2018 10:12:58	25.0860	-0.0006	-0.4250	Measured	0.0002
8	06/10/2018 10:13:02	23.8834	-0.0006	-1.2026	Measured	0.0002
9	06/10/2018 10:13:06	23.6777	-0.0006	-0.2057	Measured	0.0001
10	06/10/2018 10:13:10	24.4151	-0.0006	0.7374	Measured	0.0000
11	06/10/2018 10:13:14	26.2732	-0.0006	1.8582	Measured	0.0000
V8-8	06/10/2018 10:13:18	27.2510	-0.0006	0.9778	Measured	-
12	06/10/2018 10:13:22	25.9777	-0.0006	-1.2734	Measured	0.0000
13	06/10/2018 10:13:26	24.7249	-0.0006	-1.2528	Measured	0.0000
14	06/10/2018 10:13:30	23.5168	-0.0006	-1.2081	Measured	0.0000
15	06/10/2018 10:13:34	23.6442	-0.0006	0.1274	Measured	0.0001
V8-7	06/10/2018 10:13:38	24.4301	-0.0006	0.7859	Measured	0.0003
16	06/10/2018 10:13:42	23.8177	-0.0006	-0.6123	Measured	0.0000
17	06/10/2018 10:13:46	24.2550	-0.0006	0.4372	Measured	0.0001
18	06/10/2018 10:13:50	24.2034	-0.0006	-0.0516	Measured	0.0001
V8-6	06/10/2018 10:13:54	25.3061	-0.0006	1.1027	Measured	0.0000
19	06/10/2018 10:13:58	24.8344	-0.0006	-0.4717	Measured	0.0004
20	06/10/2018 10:14:02	24.7725	-0.0006	-0.0619	Measured	0.0001
21	06/10/2018 10:14:06	24.0475	-0.0006	-0.7250	Measured	0.0003
22	06/10/2018 10:14:10	23.9300	-0.0006	-0.1175	Measured	0.0002
V8-5	06/10/2018 10:14:14	24.4879	-0.0006	0.5579	Measured	0.0001
23	06/10/2018 10:14:18	24.2407	-0.0006	-0.2472	Measured	0.0002
24	06/10/2018 10:14:22	24.2086	-0.0006	-0.0321	Measured	0.0003
25	06/10/2018 10:14:26	24.3873	-0.0006	0.1787	Measured	0.0001
26	06/10/2018 10:14:30	25.5295	-0.0006	1.1422	Measured	0.0001
V8-4	06/10/2018 10:14:34	25.6426	-0.0006	0.1132	Measured	0.0000
27	06/10/2018 10:14:38	24.8156	-0.0006	-0.8270	Measured	0.0000
28	06/10/2018 10:14:42	24.2885	-0.0006	-0.5271	Measured	0.0001
29	06/10/2018 10:14:46	24.0850	-0.0006	-0.2035	Measured	0.0000
30	06/10/2018 10:14:50	24.0596	-0.0006	-0.0255	Measured	0.0001
31	06/10/2018 10:14:54	24.8309	-0.0006	0.7713	Measured	0.0001
V8-3	06/10/2018 10:14:58	25.1579	-0.0006	0.3270	Measured	0.0000
V8-2	06/10/2018 10:15:02	24.2201	-0.0006	-0.9378	Measured	0.0000

	06/10/2018 10:15:06	23.8422	-0.0006	-0.3779	Measured	0.0001
32	06/10/2018 10:15:10	23.8472	-0.0006	0.0049	Measured	0.0003
33	06/10/2018 10:15:14	23.8423	-0.0006	-0.0049	Measured	0.0003
V7-4	06/10/2018 10:15:18	24.0661	-0.0006	0.2238	Measured	0.0001
34	06/10/2018 10:15:22	24.4953	-0.0006	0.4292	Measured	0.0002
V8	06/10/2018 10:15:26	25.9818	-0.0006	1.4865	Measured	0.0001
1	06/10/2018 10:15:30	24.4982	-0.0006	-1.4836	Measured	0.0002
V7-4	06/10/2018 10:15:34	24.0661	-0.0006	-0.4321	Measured	0.0003
2	06/10/2018 10:15:38	24.1015	-0.0006	0.0354	Measured	0.0002
3	06/10/2018 10:15:42	24.2552	-0.0006	0.1537	Measured	0.0001
4	06/10/2018 10:15:46	23.9483	-0.0006	-0.3069	Measured	0.0002
5	06/10/2018 10:15:50	24.0087	-0.0006	0.0604	Measured	0.0002
6	06/10/2018 10:15:54	24.2805	-0.0006	0.2718	Measured	0.0001
V7-3	06/10/2018 10:15:58	24.4151	-0.0006	0.1346	Measured	0.0000
7	06/10/2018 10:16:02	24.6478	-0.0006	0.2327	Measured	0.0001
8	06/10/2018 10:16:06	24.5071	-0.0006	-0.1407	Measured	0.0002
V7-2	06/10/2018 10:16:10	24.1610	-0.0006	-0.3461	Measured	0.0003
9	06/10/2018 10:16:14	24.3903	-0.0006	0.2293	Measured	0.0006
V7-1	06/10/2018 10:16:18	23.8569	-0.0006	-0.5334	Measured	0.0004
10	06/10/2018 10:16:22	23.8542	-0.0006	-0.0027	Measured	0.0001
11	06/10/2018 10:16:26	24.3353	-0.0006	0.4812	Measured	0.0003
V7	06/10/2018 10:16:30	25.0611	-0.0006	0.7257	Measured	0.0003
1	06/10/2018 10:16:34	24.2944	-0.0006	-0.7666	Measured	0.0002
V6-5	06/10/2018 10:16:38	24.2438	-0.0006	-0.0507	Measured	0.0002
2	06/10/2018 10:16:42	24.3279	-0.0006	0.0841	Measured	0.0000
V6-4	06/10/2018 10:16:46	24.2169	-0.0006	-0.1110	Measured	0.0003
3	06/10/2018 10:16:50	23.8229	-0.0006	-0.3940	Measured	0.0001
4	06/10/2018 10:16:54	23.4323	-0.0006	-0.3906	Measured	0.0004
5	06/10/2018 10:16:58	23.3216	-0.0006	-0.1107	Measured	0.0004
6	06/10/2018 10:17:02	23.0801	-0.0006	-0.2416	Measured	0.0003
7	06/10/2018 10:17:06	23.1432	-0.0006	0.0631	Measured	0.0002
V6-3	06/10/2018 10:17:10	23.7191	-0.0006	0.5759	Measured	0.0002
8	06/10/2018 10:17:14	23.3239	-0.0006	-0.3952	Measured	0.0000
9	06/10/2018 10:17:18	23.5996	-0.0006	0.2757	Measured	0.0004
10	06/10/2018 10:17:22	23.1607	-0.0006	-0.4389	Measured	0.0002
11	06/10/2018 10:17:26	23.3036	-0.0006	0.1429	Measured	0.0002
V6-2	06/10/2018 10:17:30	24.2138	-0.0006	0.9103	Measured	0.0000
12	06/10/2018 10:17:34	24.2732	-0.0006	0.0594	Measured	0.0003
13	06/10/2018 10:17:38	23.3643	-0.0006	-0.9089	Measured	0.0003
14	06/10/2018 10:17:42	23.3360	-0.0007	-0.0283	Measured	0.0003
15	06/10/2018 10:17:46	23.4839	-0.0007	0.1479	Measured	0.0004
16	06/10/2018 10:17:50	24.3512	-0.0007	0.8673	Measured	0.0000
V6-1	06/10/2018 10:17:54	24.2714	-0.0007	-0.0798	Measured	0.0001
17	06/10/2018 10:17:58	24.7654	-0.0007	0.4940	Measured	0.0000
18	06/10/2018 10:18:02	24.8684	-0.0007	0.1030	Measured	0.0001
19	06/10/2018 10:18:06	24.9708	-0.0007	0.1025	Measured	0.0002
V6	06/10/2018 10:18:10	25.4697	-0.0007	0.4989	Measured	0.0001
1	06/10/2018 10:18:14	24.8367	-0.0008	-0.6330	Measured	0.0003
2	06/10/2018 10:18:18	24.9885	-0.0008	0.1517	Measured	0.0001
3	06/10/2018 10:18:22	25.2472	-0.0008	0.2588	Measured	0.0004
V5-4	06/10/2018 10:18:26	25.4963	-0.0008	0.2490	Measured	0.0003
1	06/10/2018 10:18:30	25.4478	-0.0008	-0.0485	Measured	0.0002
2	06/10/2018 10:18:34	25.8233	-0.0008	0.3755	Measured	0.0004
V5-3	06/10/2018 10:18:38	25.5160	-0.0008	-0.3073	Measured	0.0004
1	06/10/2018 10:18:42	25.6644	-0.0008	0.1484	Measured	0.0002
2	06/10/2018 10:18:46	25.8236	-0.0008	0.1593	Measured	0.0001
3	06/10/2018 10:18:50	25.9786	-0.0008	0.1550	Measured	0.0001

VE 2

	06/10/2018 10:18:54	25.5972	-0.0008	-0.3814	Measured	0.0003
1	06/10/2018 10:18:58	26.1519	-0.0008	0.5547	Measured	0.0001
2	06/10/2018 10:19:02	26.2869	-0.0008	0.1350	Measured	0.0004
3	06/10/2018 10:19:06	27.3280	-0.0008	1.0411	Measured	0.0002
V5-1	06/10/2018 10:19:10	26.4589	-0.0008	-0.8691	Measured	0.0001
1	06/10/2018 10:19:14	27.2320	-0.0008	0.7731	Measured	0.0001
2	06/10/2018 10:19:18	25.7918	-0.0008	-1.4402	Measured	0.0000
3	06/10/2018 10:19:22	24.0828	-0.0008	-1.7090	Measured	0.0001
4	06/10/2018 10:19:26	22.3038	-0.0008	-1.7791	Measured	0.0000
5	06/10/2018 10:19:30	20.6328	-0.0008	-1.6710	Measured	0.0001
6	06/10/2018 10:19:34	20.1848	-0.0008	-0.4480	Measured	0.0000
7	06/10/2018 10:19:38	20.3464	-0.0008	0.1616	Measured	0.0001
8	06/10/2018 10:19:42	22.0723	-0.0008	1.7260	Measured	0.0001
9	06/10/2018 10:19:46	23.7866	-0.0008	1.7143	Measured	0.0001
V5	06/10/2018 10:19:50	24.7195	-0.7510	0.9329	Measured	0.0001
1	06/10/2018 10:19:54	23.7865	-0.0006	-0.9330	Measured	0.0001
2	06/10/2018 10:19:58	22.0727	-0.0006	-1.7138	Measured	0.0001
3	06/10/2018 10:20:02	20.3696	-0.0006	-1.7030	Measured	0.0001
4	06/10/2018 10:20:06	20.1851	-0.0006	-0.1845	Measured	0.0001
5	06/10/2018 10:20:10	20.6261	-0.0006	0.4410	Measured	0.0000
6	06/10/2018 10:20:14	22.2825	-0.0006	1.6564	Measured	0.0001
7	06/10/2018 10:20:18	24.0828	-0.0006	1.8003	Measured	0.0000
8	06/10/2018 10:20:22	25.8522	-0.0006	1.7694	Measured	0.0001
9	06/10/2018 10:20:26	27.3366	-0.0006	1.4845	Measured	0.0000
V5-1	06/10/2018 10:20:30	26.4592	-0.0006	-0.8775	Measured	0.0001
10	06/10/2018 10:20:34	26.7137	-0.0006	0.2546	Measured	0.0001
11	06/10/2018 10:20:38	27.1922	-0.0006	0.4784	Measured	0.0006
12	06/10/2018 10:20:42	27.0575	-0.0006	-0.1347	Measured	0.0002
V4-3	06/10/2018 10:20:46	27.3989	-0.0006	0.3414	Measured	0.0001
11	06/10/2018 10:20:50	27.1944	-0.0006	-0.2045	Measured	0.0001
12	06/10/2018 10:20:54	27.2410	-0.0006	0.0466	Measured	0.0002
V4-2	06/10/2018 10:20:58	27.9517	-0.0006	0.7108	Measured	0.0002
13	06/10/2018 10:21:02	27.1852	-0.0006	-0.7665	Measured	0.0003
14	06/10/2018 10:21:06	27.2841	-0.0006	0.0989	Measured	0.0001
V4-1	06/10/2018 10:21:10	27.1519	-0.0006	-0.1322	Measured	0.0003
15	06/10/2018 10:21:14	27.8125	-0.0006	0.6607	Measured	0.0001
16	06/10/2018 10:21:18	29.4472	-0.0006	1.6347	Measured	0.0001
17	06/10/2018 10:21:22	30.2531	-0.0006	0.8059	Measured	0.0001
18	06/10/2018 10:21:26	30.6564	-0.0006	0.4033	Measured	0.0004
19	06/10/2018 10:21:30	31.1097	-0.0006	0.4533	Measured	0.0003
20	06/10/2018 10:21:34	31.2176	-0.0006	0.1079	Measured	0.0003
21	06/10/2018 10:21:38	31.4714	-0.0006	0.2539	Measured	0.0005
22	06/10/2018 10:21:42	32.2641	-0.0006	0.7927	Measured	0.0002
V4	06/10/2018 10:21:46	32.6031	-0.0006	0.3390	Measured	0.0001
1	06/10/2018 10:21:50	33.3943	-0.0006	0.7912	Measured	0.0000
2	06/10/2018 10:21:54	35.2360	-0.0006	1.8417	Measured	0.0001
V3-4	06/10/2018 10:21:58	37.0081	-0.0007	1.7720	Measured	0.0003
3	06/10/2018 10:22:02	37.5625	-0.0007	0.5544	Measured	0.0002
4	06/10/2018 10:22:06	37.7696	-0.0007	0.2071	Measured	0.0004
5	06/10/2018 10:22:10	37.8258	-0.0007	0.0562	Measured	0.0007
V3-3	06/10/2018 10:22:14	37.5410	-0.0007	-0.2848	Measured	0.0008
6	06/10/2018 10:22:18	38.2220	-0.0007	0.6810	Measured	0.0001
7	06/10/2018 10:22:22	37.7334	-0.0007	-0.4886	Measured	0.0001
8	06/10/2018 10:22:26	36.7812	-0.0007	-0.9522	Measured	0.0001
10	06/10/2018 10:22:30	35.9880	-0.0007	-0.7933	Measured	0.0004
11	06/10/2018 10:22:34	37.0625	-0.0007	1.0746	Measured	0.0002
12	06/10/2018 10:22:38	37.6899	-0.0007	0.6274	Measured	0.0002

V3-2

	06/10/2018 10:22:42	38.2528	-0.0007	0.5629	Measured	0.0001
13	06/10/2018 10:22:46	37.8769	-0.0007	-0.3759	Measured	0.0005
14	06/10/2018 10:22:50	37.8147	-0.0007	-0.0623	Measured	0.0002
15	06/10/2018 10:22:54	38.2722	-0.0007	0.4575	Measured	0.0001
16	06/10/2018 10:22:58	39.2943	-0.0007	1.0221	Measured	0.0002
17	06/10/2018 10:23:02	40.5417	-0.0007	1.2475	Measured	0.0001
18	06/10/2018 10:23:06	41.8950	-0.0007	1.3533	Measured	0.0002
V3-1	06/10/2018 10:23:10	42.6066	-0.0007	0.7116	Measured	0.0000
19	06/10/2018 10:23:14	42.7627	-0.0007	0.1561	Measured	0.0001
20	06/10/2018 10:23:18	43.0368	-0.0007	0.2741	Measured	0.0003
21	06/10/2018 10:23:22	43.7507	-0.0007	0.7139	Measured	0.0003
22	06/10/2018 10:23:26	44.3943	-0.0007	0.6436	Measured	0.0001
23	06/10/2018 10:23:30	45.7672	-0.0007	1.3729	Measured	0.0000
24	06/10/2018 10:23:34	47.4681	-0.0007	1.7010	Measured	0.0001
25	06/10/2018 10:23:38	49.0174	-0.0007	1.5492	Measured	0.0001
26	06/10/2018 10:23:42	50.5885	-0.0007	1.5711	Measured	0.0000
V3	06/10/2018 10:23:46	52.2298	-0.0007	1.6413	Measured	0.0001
1	06/10/2018 10:23:50	52.1669	-0.0007	-0.0629	Measured	0.0001
2	06/10/2018 10:23:54	50.9738	-0.0007	-1.1931	Measured	0.0001
3	06/10/2018 10:23:58	49.3199	-0.0007	-1.6539	Measured	0.0001
4	06/10/2018 10:24:02	47.7976	-0.0007	-1.5223	Measured	0.0001
5	06/10/2018 10:24:06	47.2478	-0.0007	-0.5498	Measured	0.0002
6	06/10/2018 10:24:10	46.7360	-0.0007	-0.5118	Measured	0.0001
7	06/10/2018 10:24:14	45.6901	-0.0007	-1.0459	Measured	0.0002
8	06/10/2018 10:24:18	44.0505	-0.0007	-1.6396	Measured	0.0002
9	06/10/2018 10:24:22	42.4899	-0.0007	-1.5606	Measured	0.0001
10	06/10/2018 10:24:26	41.5450	-0.0007	-0.9449	Measured	0.0001
11	06/10/2018 10:24:30	40.0662	-0.0007	-1.4788	Measured	0.0003
12	06/10/2018 10:24:34	39.6398	-0.0007	-0.4264	Measured	0.0001
V2-4	06/10/2018 10:24:38	40.1986	-0.0007	0.5588	Measured	0.0000
13	06/10/2018 10:24:42	39.3834	-0.0007	-0.8152	Measured	0.0001
14	06/10/2018 10:24:46	38.2731	-0.0007	-1.1103	Measured	0.0001
15	06/10/2018 10:24:50	36.7951	-0.0007	-1.4780	Measured	0.0008
16	06/10/2018 10:24:54	35.3933	-0.0007	-1.4018	Measured	0.0003
V2-3	06/10/2018 10:24:58	35.6458	-0.0007	0.2525	Measured	0.0001
17	06/10/2018 10:25:02	35.0472	-0.0007	-0.5986	Measured	0.0000
18	06/10/2018 10:25:06	33.8360	-0.0007	-1.2112	Measured	0.0004
19	06/10/2018 10:25:10	33.1099	-0.0007	-0.7261	Measured	0.0001
20	06/10/2018 10:25:14	31.9861	-0.0007	-1.1238	Measured	0.0002
21	06/10/2018 10:25:18	30.8045	-0.0007	-1.1816	Measured	0.0000
22	06/10/2018 10:25:22	29.1317	-0.0007	-1.6728	Measured	0.0002
23	06/10/2018 10:25:26	27.4514	-0.0007	-1.6802	Measured	0.0001
V2-2	06/10/2018 10:25:30	26.2086	-0.0007	-1.2428	Measured	0.0003
24	06/10/2018 10:25:34	25.4881	-0.0007	-0.7205	Measured	0.0000
25	06/10/2018 10:25:38	24.6761	-0.0007	-0.8120	Measured	0.0000
26	06/10/2018 10:25:42	23.0921	-0.0007	-1.5840	Measured	0.0003
27	06/10/2018 10:25:46	22.5995	-0.0007	-0.4926	Measured	0.0002
V2-1	06/10/2018 10:25:50	22.2195	-0.0007	-0.3800	Measured	0.0002
28	06/10/2018 10:25:54	21.8984	-0.0007	-0.3212	Measured	0.0003
V2	06/10/2018 10:25:58	21.3927	-0.0007	-0.5057	Measured	0.0002
1	06/10/2018 10:26:02	21.5647	-0.0007	0.1720	Measured	0.0001
IGM11305	06/10/2018 10:26:06	21.9363	-0.0007	0.3716	Measured	0.0001
2	06/10/2018 10:26:10	21.5601	-0.0007	-0.3762	Measured	0.0001
3	06/10/2018 10:26:14	22.1008	-0.0007	0.5407	Measured	0.0001
V1-3	06/10/2018 10:26:18	22.0796	-0.0007	-0.0212	Measured	0.0003
4	06/10/2018 10:26:22	21.8977	-0.0007	-0.1819	Measured	0.0001
5	06/10/2018 10:26:26	23.0914	-0.0007	1.1937	Measured	0.0003

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	06/10/2018 10:26:30	22.7297	-0.0007	-0.3617	Measured	0.0002
V1-2	06/10/2018 10:26:34	22.7107	-0.0007	-0.0190	Measured	0.0004
7	06/10/2018 10:26:38	23.2660	-0.0007	0.5554	Measured	0.0014
V1-1	06/10/2018 10:26:42	23.4376	-0.0007	0.1716	Measured	0.0001
8	06/10/2018 10:26:46	23.9391	-0.0007	0.5015	Measured	0.0002
9	06/10/2018 10:26:50	24.1446	-0.0007	0.2055	Measured	0.0005
V1	06/10/2018 10:26:54	24.7975	-0.0007	0.6528	Measured	0.0002
IGM11304	06/10/2018 10:26:58	25.9842	-	1.1867	Control	-