10239-CAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	18.39	92.01	26.27	6.02	65.0	± 9.6 %
		Y	16.48	91.70	26.20		65.0	
		Z	17.62	92.32	26.25		65.0	
10240-CAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	25.82	103.40	31.56	6.02	65.0	± 9.6 %
		Y	18.70	99.00	30.34		65.0	
		Z	22.82	102.36	31.24		65.0	
10241-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	14.17	87.13	27.74	6.98	65.0	± 9.6 %
		Y	11.90	84.38	26.55		65.0	
		Z	12.90	86.01	27.18		65.0	
10242-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	13.75	86.43	27.41	6.98	65.0	± 9.6 %
		Y	10.97	82.54	25.74		65.0	
		Z	11.92	84.22	26.40		65.0	
10243-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	12.14	85.96	28.11	6.98	65.0	± 9.6 %
		Y	9.29	80.75	25.83		65.0	
		Z	10.12	82.70	26.67		65.0	
10244-CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	10.83	81.28	22.12	3.98	65.0	± 9.6 %
		Y	9.18	79.33	21.05		65.0	
		Z	9.58	79.73	21.13		65.0	
10245-CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	10.76	80.95	21.96	3.98	65.0	± 9.6 %
		Y	9.12	78.99	20.88		65.0	
		Z	9.52	79.41	20.96		65.0	
10246-CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	9.94	82.24	22.11	3.98	65.0	± 9.6 %
		Y	8.01	79.62	20.88		65.0	
		Z	8.73	80.80	21.30		65.0	
10247-CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	8.85	78.39	21.18	3.98	65.0	± 9.6 %
		Y	7.43	76.23	20.06		65.0	
		Z	7.90	77.13	20.43		65.0	
10248-CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	8.90	78.06	21.06	3.98	65.0	± 9.6 %
		Y	7.49	75.93	19.93		65.0	
		Z	7.96	76.84	20.31		65.0	
10249-CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	10.29	82.74	22.67	3.98	65.0	± 9.6 %
		Y	8.60	80.75	21.80		65.0	
		Z	9.32	81.88	22.19		65.0	
10250-CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	9.43	79.37	22.43	3.98	65.0	± 9.6 %
		Y	8.15	77.66	21.69		65.0	
		Z	8.63	78.56	22.01		65.0	
10251-CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	9.08	77.69	21.56	3.98	65.0	± 9.6 %
		Y	7.89	76.03	20.77		65.0	
		Z	8.34	76.93	21.13		65.0	
10252-CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	10.08	81.60	22.62	3.98	65.0	± 9.6 %
		Y	8.72	80.20	22.10		65.0	
		Z	9.33	81.16	22.40		65.0	
10253-CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	9.02	76.99	21.46	3.98	65.0	± 9.6 %
		Y	7.89	75.34	20.71		65.0	
		Z	8.31	76.21	21.06		65.0	
10254-CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	9.34	77.53	21.95	3.98	65.0	± 9.6 %
		Y	8.23	76.00	21.27		65.0	
		Z	8.65	76.82	21.59		65.0	

10255-CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	9.45	79.15	21.83	3.98	65.0	± 9.6 %
		Y	8.30	77.85	21.36		65.0	
		Z	8.78	78.67	21.63		65.0	
10256-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	10.42	80.50	21.27	3.98	65.0	± 9.6 %
		Y	8.51	77.93	19.85		65.0	
		Z	8.90	78.34	19.94		65.0	
10257-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	10.37	80.09	21.06	3.98	65.0	± 9.6 %
		Y	8.43	77.45	19.59		65.0	
		Z	8.83	77.89	19.70		65.0	
10258-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	9.58	81.49	21.48	3.98	65.0	± 9.6 %
		Y	7.31	77.96	19.76		65.0	
		Z	8.00	79.20	20.24		65.0	
10259-CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	9.07	78.66	21.59	3.98	65.0	± 9.6 %
		Y	7.71	76.71	20.62		65.0	
		Z	8.19	77.61	20.97		65.0	
10260-CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	9.12	78.49	21.55	3.98	65.0	± 9.6 %
		Y	7.77	76.57	20.59		65.0	
		Z	8.24	77.45	20.93		65.0	
10261-CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	10.00	81.98	22.59	3.98	65.0	± 9.6 %
		Y	8.43	80.12	21.81		65.0	
		Z	9.10	81.22	22.18		65.0	
10262-CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	9.43	79.35	22.41	3.98	65.0	± 9.6 %
		Y	8.15	77.63	21.66		65.0	
		Z	8.63	78.53	21.99		65.0	
10263-CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	9.08	77.71	21.57	3.98	65.0	± 9.6 %
		Y	7.88	76.03	20.78		65.0	
		Z	8.34	76.93	21.14		65.0	
10264-CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	10.04	81.52	22.57	3.98	65.0	± 9.6 %
		Y	8.68	80.09	22.04		65.0	
		Z	9.29	81.07	22.35		65.0	
10265-CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	9.22	77.46	21.56	3.98	65.0	± 9.6 %
		Y	8.07	75.84	20.87		65.0	
		Z	8.51	76.73	21.22		65.0	
10266-CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	9.51	77.96	22.07	3.98	65.0	± 9.6 %
		Y	8.40	76.48	21.46		65.0	
		Z	8.82	77.30	21.77		65.0	
10267-CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	9.60	79.21	21.61	3.98	65.0	± 9.6 %
		Y	8.51	78.09	21.22		65.0	
		Z	8.97	78.84	21.45		65.0	
10268-CAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	9.60	76.90	21.63	3.98	65.0	± 9.6 %
		Y	8.59	75.57	21.09		65.0	
		Z	8.97	76.30	21.37		65.0	
10269-CAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	9.53	76.58	21.59	3.98	65.0	± 9.6 %
		Y	8.54	75.23	21.03		65.0	
		Z	8.90	75.97	21.31		65.0	
10270-CAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	9.35	77.33	21.00	3.98	65.0	± 9.6 %
		Y	8.40	76.30	20.65		65.0	
		Z	8.77	76.91	20.83		65.0	

10274-CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.74	66.79	15.84	0.00	150.0	± 9.6 %
		Y	2.59	65.78	14.93		150.0	
		Z	2.63	66.05	15.13		150.0	
10275-CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	X	1.89	70.13	16.96	0.00	150.0	± 9.6 %
		Y	1.56	66.71	14.72		150.0	
		Z	1.63	67.40	15.18		150.0	
10277-CAA	PHS (QPSK)	X	7.49	72.57	16.65	9.03	50.0	± 9.6 %
		Y	6.43	70.97	15.57		50.0	
		Z	6.57	71.17	15.54		50.0	
10278-CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	X	10.57	80.67	21.94	9.03	50.0	± 9.6 %
		Y	8.93	78.42	20.80		50.0	
		Z	9.47	79.42	21.10		50.0	
10279-CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	X	10.77	80.90	22.03	9.03	50.0	± 9.6 %
		Y	9.08	78.61	20.88		50.0	
		Z	9.65	79.64	21.20		50.0	
10290-AAB	CDMA2000, RC1, SO55, Full Rate	X	2.05	72.30	16.99	0.00	150.0	± 9.6 %
		Y	1.45	67.21	13.68		150.0	
		Z	1.55	68.14	14.34		150.0	
10291-AAB	CDMA2000, RC3, SO55, Full Rate	X	1.22	70.30	16.05	0.00	150.0	± 9.6 %
		Y	0.82	64.51	12.05		150.0	
		Z	0.89	65.39	12.77		150.0	
10292-AAB	CDMA2000, RC3, SO32, Full Rate	X	1.60	75.63	18.81	0.00	150.0	± 9.6 %
		Y	0.92	66.78	13.58		150.0	
		Z	1.01	68.06	14.48		150.0	
10293-AAB	CDMA2000, RC3, SO3, Full Rate	X	2.25	81.24	21.49	0.00	150.0	± 9.6 %
		Y	1.14	69.80	15.48		150.0	
		Z	1.26	71.30	16.43		150.0	
10295-AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	X	10.97	82.56	24.20	9.03	50.0	± 9.6 %
		Y	9.82	80.92	23.30		50.0	
		Z	10.33	82.09	23.78		50.0	
10297-AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	3.23	71.54	17.43	0.00	150.0	± 9.6 %
		Y	2.78	68.97	15.96		150.0	
		Z	2.87	69.50	16.25		150.0	
10298-AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	2.13	70.69	16.73	0.00	150.0	± 9.6 %
		Y	1.65	66.96	14.13		150.0	
		Z	1.74	67.67	14.65		150.0	
10299-AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	4.48	76.39	19.13	0.00	150.0	± 9.6 %
		Y	3.49	72.60	16.79		150.0	
		Z	3.55	72.64	16.82		150.0	
10300-AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	3.52	71.59	16.43	0.00	150.0	± 9.6 %
		Y	2.73	68.13	14.07		150.0	
		Z	2.85	68.55	14.32		150.0	
10301-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	X	6.46	69.98	19.94	4.17	80.0	± 9.6 %
		Y	5.96	68.39	18.82		80.0	
		Z	6.03	68.69	19.06		80.0	
10302-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	X	6.96	70.71	20.76	4.96	80.0	± 9.6 %
		Y	6.49	69.16	19.65		80.0	
		Z	6.64	69.89	20.15		80.0	

10303-AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	X	6.95	71.26	21.07	4.96	80.0	± 9.6 %
		Y	6.39	69.39	19.77		80.0	
		Z	6.57	70.24	20.35		80.0	
10304-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	X	6.39	69.94	19.92	4.17	80.0	± 9.6 %
		Y	5.93	68.42	18.83		80.0	
		Z	6.07	69.09	19.29		80.0	
10305-AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	X	11.13	84.88	27.64	6.02	50.0	± 9.6 %
		Y	12.22	87.98	28.58		50.0	
		Z	9.20	80.56	25.46		50.0	
10306-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	X	8.31	76.80	24.47	6.02	50.0	± 9.6 %
		Y	7.10	72.89	22.06		50.0	
		Z	7.53	74.67	23.17		50.0	
10307-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	X	8.77	78.27	24.87	6.02	50.0	± 9.6 %
		Y	7.27	73.71	22.23		50.0	
		Z	7.81	75.79	23.45		50.0	
10308-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	X	9.01	79.13	25.25	6.02	50.0	± 9.6 %
		Y	9.09	80.42	25.64		50.0	
		Z	7.95	76.42	23.73		50.0	
10309-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	X	8.45	77.06	24.59	6.02	50.0	± 9.6 %
		Y	7.23	73.21	22.23		50.0	
		Z	7.69	75.04	23.35		50.0	
10310-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	8.44	77.28	24.56	6.02	50.0	± 9.6 %
		Y	7.14	73.15	22.08		50.0	
		Z	7.61	75.04	23.22		50.0	
10311-AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	3.60	70.76	17.04	0.00	150.0	± 9.6 %
		Y	3.12	68.32	15.67		150.0	
		Z	3.21	68.83	15.94		150.0	
10313-AAA	iDEN 1:3	X	8.03	77.05	18.42	6.99	70.0	± 9.6 %
		Y	6.51	75.48	17.84		70.0	
		Z	7.11	76.37	18.07		70.0	
10314-AAA	iDEN 1:6	X	9.86	81.46	22.21	10.00	30.0	± 9.6 %
		Y	7.37	78.23	21.16		30.0	
		Z	8.31	80.00	21.70		30.0	
10315-AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	1.25	66.07	16.65	0.17	150.0	± 9.6 %
		Y	1.11	63.75	14.78		150.0	
		Z	1.15	64.28	15.16		150.0	
10316-AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	X	4.91	67.11	16.64	0.17	150.0	± 9.6 %
		Y	4.77	66.70	16.28		150.0	
		Z	4.80	66.83	16.35		150.0	
10317-AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	X	4.91	67.11	16.64	0.17	150.0	± 9.6 %
		Y	4.77	66.70	16.28		150.0	
		Z	4.80	66.83	16.35		150.0	
10400-AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	X	5.04	67.35	16.54	0.00	150.0	± 9.6 %
		Y	4.87	66.91	16.17		150.0	
		Z	4.90	67.05	16.24		150.0	
10401-AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	X	5.62	67.38	16.58	0.00	150.0	± 9.6 %
		Y	5.49	67.04	16.29		150.0	
		Z	5.51	67.12	16.33		150.0	

10402-AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	X	5.93	67.99	16.71	0.00	150.0	± 9.6 %
		Y	5.79	67.58	16.40		150.0	
		Z	5.82	67.69	16.45		150.0	
10403-AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	2.05	72.30	16.99	0.00	115.0	± 9.6 %
		Y	1.45	67.21	13.68		115.0	
		Z	1.55	68.14	14.34		115.0	
10404-AAB	CDMA2000 (1xEV-DO, Rev. A)	X	2.05	72.30	16.99	0.00	115.0	± 9.6 %
		Y	1.45	67.21	13.68		115.0	
		Z	1.55	68.14	14.34		115.0	
10406-AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	X	32.57	109.30	29.68	0.00	100.0	± 9.6 %
		Y	14.12	95.69	25.24		100.0	
		Z	13.06	93.72	24.51		100.0	
10410-AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	X	100.00	119.59	31.23	3.23	80.0	± 9.6 %
		Y	90.23	119.10	30.90		80.0	
		Z	73.63	114.99	29.70		80.0	
10415-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	X	1.03	63.87	15.50	0.00	150.0	± 9.6 %
		Y	0.96	62.27	13.90		150.0	
		Z	0.99	62.66	14.24		150.0	
10416-AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	X	4.79	66.89	16.45	0.00	150.0	± 9.6 %
		Y	4.65	66.50	16.09		150.0	
		Z	4.68	66.63	16.16		150.0	
10417-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	X	4.79	66.89	16.45	0.00	150.0	± 9.6 %
		Y	4.65	66.50	16.09		150.0	
		Z	4.68	66.63	16.16		150.0	
10418-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	X	4.77	67.02	16.45	0.00	150.0	± 9.6 %
		Y	4.63	66.62	16.08		150.0	
		Z	4.66	66.75	16.15		150.0	
10419-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	X	4.80	66.98	16.46	0.00	150.0	± 9.6 %
		Y	4.66	66.59	16.10		150.0	
		Z	4.69	66.72	16.17		150.0	
10422-AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	4.93	66.99	16.47	0.00	150.0	± 9.6 %
		Y	4.79	66.62	16.13		150.0	
		Z	4.82	66.74	16.19		150.0	
10423-AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	X	5.17	67.43	16.63	0.00	150.0	± 9.6 %
		Y	5.00	67.01	16.26		150.0	
		Z	5.04	67.14	16.35		150.0	
10424-AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	X	5.07	67.36	16.59	0.00	150.0	± 9.6 %
		Y	4.91	66.93	16.23		150.0	
		Z	4.94	67.06	16.30		150.0	
10425-AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	X	5.63	67.76	16.75	0.00	150.0	± 9.6 %
		Y	5.49	67.36	16.45		150.0	
		Z	5.51	67.45	16.49		150.0	
10426-AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	X	5.65	67.78	16.76	0.00	150.0	± 9.6 %
		Y	5.51	67.40	16.46		150.0	
		Z	5.53	67.49	16.50		150.0	

10427-AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	X	5.68	67.84	16.78	0.00	150.0	± 9.6 %
		Y	5.53	67.40	16.46		150.0	
		Z	5.55	67.50	16.50		150.0	
10430-AAC	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	X	4.47	69.87	18.15	0.00	150.0	± 9.6 %
		Y	4.27	69.57	17.72		150.0	
		Z	4.28	69.46	17.67		150.0	
10431-AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	X	4.58	67.49	16.59	0.00	150.0	± 9.6 %
		Y	4.38	66.98	16.12		150.0	
		Z	4.43	67.13	16.21		150.0	
10432-AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	X	4.86	67.41	16.59	0.00	150.0	± 9.6 %
		Y	4.68	66.94	16.18		150.0	
		Z	4.72	67.08	16.26		150.0	
10433-AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	X	5.09	67.43	16.63	0.00	150.0	± 9.6 %
		Y	4.92	66.98	16.26		150.0	
		Z	4.96	67.12	16.33		150.0	
10434-AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.54	70.42	18.14	0.00	150.0	± 9.6 %
		Y	4.33	70.14	17.66		150.0	
		Z	4.33	70.01	17.61		150.0	
10435-AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	119.47	31.18	3.23	80.0	± 9.6 %
		Y	83.98	117.92	30.59		80.0	
		Z	69.49	114.03	29.43		80.0	
10447-AAC	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.92	67.58	16.28	0.00	150.0	± 9.6 %
		Y	3.68	66.87	15.56		150.0	
		Z	3.73	67.06	15.71		150.0	
10448-AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	X	4.38	67.25	16.45	0.00	150.0	± 9.6 %
		Y	4.20	66.74	15.96		150.0	
		Z	4.24	66.89	16.06		150.0	
10449-AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	X	4.61	67.22	16.49	0.00	150.0	± 9.6 %
		Y	4.46	66.74	16.06		150.0	
		Z	4.49	66.88	16.14		150.0	
10450-AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.78	67.16	16.49	0.00	150.0	± 9.6 %
		Y	4.64	66.71	16.09		150.0	
		Z	4.67	66.85	16.17		150.0	
10451-AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	X	3.88	67.91	16.13	0.00	150.0	± 9.6 %
		Y	3.60	67.09	15.29		150.0	
		Z	3.66	67.30	15.46		150.0	
10456-AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	X	6.48	68.41	16.93	0.00	150.0	± 9.6 %
		Y	6.35	68.02	16.65		150.0	
		Z	6.37	68.11	16.68		150.0	
10457-AAA	UMTS-FDD (DC-HSDPA)	X	3.91	65.57	16.24	0.00	150.0	± 9.6 %
		Y	3.82	65.14	15.81		150.0	
		Z	3.85	65.28	15.90		150.0	
10458-AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	X	4.04	69.06	17.49	0.00	150.0	± 9.6 %
		Y	3.91	69.08	17.04		150.0	
		Z	3.92	68.98	17.03		150.0	
10459-AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	X	5.19	66.69	17.73	0.00	150.0	± 9.6 %
		Y	5.12	67.13	17.73		150.0	
		Z	5.12	66.98	17.64		150.0	

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10460-AAA	UMTS-FDD (WCDMA, AMR)	X	1.14	72.75	18.76	0.00	150.0	± 9.6 %
		Y	0.80	65.97	14.46		150.0	
		Z	0.86	67.06	15.22		150.0	
10461-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	120.67	31.89	3.29	80.0	± 9.6 %
		Y	100.00	121.92	31.94		80.0	
		Z	100.00	120.69	31.42		80.0	
10462-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	110.91	27.12	3.23	80.0	± 9.6 %
		Y	72.92	106.78	25.65		80.0	
		Z	38.73	98.41	23.48		80.0	
10463-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	109.00	26.18	3.23	80.0	± 9.6 %
		Y	26.58	93.05	21.71		80.0	
		Z	18.76	88.43	20.34		80.0	
10464-AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	119.54	31.14	3.23	80.0	± 9.6 %
		Y	100.00	120.34	31.07		80.0	
		Z	100.00	119.15	30.56		80.0	
10465-AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	110.60	26.95	3.23	80.0	± 9.6 %
		Y	42.02	99.86	23.89		80.0	
		Z	27.42	94.07	22.27		80.0	
10466-AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	86.77	106.98	25.63	3.23	80.0	± 9.6 %
		Y	18.06	88.36	20.35		80.0	
		Z	14.47	85.26	19.37		80.0	
10467-AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	119.68	31.20	3.23	80.0	± 9.6 %
		Y	100.00	120.51	31.14		80.0	
		Z	100.00	119.30	30.63		80.0	
10468-AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	110.70	27.00	3.23	80.0	± 9.6 %
		Y	47.82	101.50	24.32		80.0	
		Z	29.82	95.15	22.57		80.0	
10469-AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	90.40	107.48	25.74	3.23	80.0	± 9.6 %
		Y	18.38	88.58	20.41		80.0	
		Z	14.65	85.42	19.41		80.0	
10470-AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	119.70	31.21	3.23	80.0	± 9.6 %
		Y	100.00	120.53	31.15		80.0	
		Z	100.00	119.32	30.64		80.0	
10471-AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	110.67	26.98	3.23	80.0	± 9.6 %
		Y	48.02	101.52	24.31		80.0	
		Z	29.90	95.16	22.57		80.0	
10472-AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	91.72	107.63	25.77	3.23	80.0	± 9.6 %
		Y	18.43	88.59	20.41		80.0	
		Z	14.68	85.43	19.40		80.0	
10473-AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	119.68	31.20	3.23	80.0	± 9.6 %
		Y	100.00	120.51	31.14		80.0	
		Z	100.00	119.30	30.62		80.0	
10474-AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	110.68	26.98	3.23	80.0	± 9.6 %
		Y	47.38	101.37	24.27		80.0	
		Z	29.61	95.05	22.54		80.0	
10475-AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	90.31	107.45	25.73	3.23	80.0	± 9.6 %
		Y	18.22	88.47	20.37		80.0	
		Z	14.56	85.34	19.38		80.0	

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10477-AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	110.57	26.93	3.23	80.0	± 9.6 %
		Y	43.44	100.23	23.96		80.0	
		Z	28.02	94.31	22.32		80.0	
10478-AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	88.74	107.21	25.66	3.23	80.0	± 9.6 %
		Y	18.02	88.32	20.32		80.0	
		Z	14.45	85.24	19.34		80.0	
10479-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	14.05	92.09	26.05	3.23	80.0	± 9.6 %
		Y	10.06	87.22	24.09		80.0	
		Z	9.68	86.17	23.66		80.0	
10480-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	14.07	87.63	23.41	3.23	80.0	± 9.6 %
		Y	10.81	84.09	21.75		80.0	
		Z	10.21	82.87	21.28		80.0	
10481-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	13.28	86.17	22.69	3.23	80.0	± 9.6 %
		Y	9.95	82.31	20.89		80.0	
		Z	9.47	81.25	20.47		80.0	
10482-AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.85	81.81	21.32	2.23	80.0	± 9.6 %
		Y	4.70	74.77	18.32		80.0	
		Z	5.29	76.37	18.97		80.0	
10483-AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	10.51	83.65	22.26	2.23	80.0	± 9.6 %
		Y	7.91	79.70	20.38		80.0	
		Z	7.69	78.97	20.07		80.0	
10484-AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	10.03	82.70	21.95	2.23	80.0	± 9.6 %
		Y	7.53	78.76	20.05		80.0	
		Z	7.39	78.17	19.79		80.0	
10485-AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	8.02	82.19	21.87	2.23	80.0	± 9.6 %
		Y	5.00	75.62	19.20		80.0	
		Z	5.60	77.18	19.80		80.0	
10486-AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.92	75.00	19.19	2.23	80.0	± 9.6 %
		Y	4.50	71.39	17.35		80.0	
		Z	4.81	72.27	17.75		80.0	
10487-AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.88	74.55	19.03	2.23	80.0	± 9.6 %
		Y	4.51	71.09	17.24		80.0	
		Z	4.81	71.93	17.62		80.0	
10488-AAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.56	79.93	21.34	2.23	80.0	± 9.6 %
		Y	5.23	74.82	19.29		80.0	
		Z	5.73	76.13	19.78		80.0	
10489-AAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.85	73.86	19.37	2.23	80.0	± 9.6 %
		Y	4.71	70.94	17.98		80.0	
		Z	4.97	71.73	18.31		80.0	
10490-AAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.85	73.36	19.22	2.23	80.0	± 9.6 %
		Y	4.79	70.70	17.92		80.0	
		Z	5.04	71.43	18.23		80.0	
10491-AAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	6.86	76.76	20.26	2.23	80.0	± 9.6 %
		Y	5.24	73.06	18.71		80.0	
		Z	5.62	74.06	19.10		80.0	
10492-AAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.94	72.49	19.01	2.23	80.0	± 9.6 %
		Y	5.00	70.16	17.89		80.0	
		Z	5.23	70.83	18.17		80.0	

10493-AAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.97	72.20	18.93	2.23	80.0	± 9.6 %
		Y	5.06	70.00	17.85		80.0	
		Z	5.29	70.64	18.12		80.0	
10494-AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.84	78.92	20.84	2.23	80.0	± 9.6 %
		Y	5.71	74.54	19.11		80.0	
		Z	6.18	75.67	19.52		80.0	
10495-AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	6.11	73.22	19.25	2.23	80.0	± 9.6 %
		Y	5.08	70.66	18.08		80.0	
		Z	5.33	71.38	18.37		80.0	
10496-AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	6.09	72.66	19.08	2.23	80.0	± 9.6 %
		Y	5.13	70.32	17.99		80.0	
		Z	5.36	70.99	18.26		80.0	
10497-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	6.88	79.99	20.26	2.23	80.0	± 9.6 %
		Y	3.88	72.23	16.75		80.0	
		Z	4.39	73.84	17.47		80.0	
10498-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.24	73.44	17.21	2.23	80.0	± 9.6 %
		Y	3.35	67.80	14.16		80.0	
		Z	3.69	69.00	14.79		80.0	
10499-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.20	73.01	16.94	2.23	80.0	± 9.6 %
		Y	3.32	67.40	13.88		80.0	
		Z	3.66	68.60	14.51		80.0	
10500-AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.45	80.46	21.41	2.23	80.0	± 9.6 %
		Y	4.97	74.86	19.10		80.0	
		Z	5.50	76.26	19.64		80.0	
10501-AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.84	74.32	19.17	2.23	80.0	± 9.6 %
		Y	4.58	71.12	17.56		80.0	
		Z	4.87	71.94	17.92		80.0	
10502-AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.84	73.94	19.01	2.23	80.0	± 9.6 %
		Y	4.63	70.93	17.45		80.0	
		Z	4.90	71.71	17.80		80.0	
10503-AAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.46	79.74	21.26	2.23	80.0	± 9.6 %
		Y	5.17	74.65	19.21		80.0	
		Z	5.67	75.96	19.71		80.0	
10504-AAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.83	73.79	19.34	2.23	80.0	± 9.6 %
		Y	4.69	70.87	17.94		80.0	
		Z	4.96	71.66	18.27		80.0	
10505-AAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.83	73.28	19.17	2.23	80.0	± 9.6 %
		Y	4.77	70.62	17.87		80.0	
		Z	5.02	71.36	18.19		80.0	
10506-AAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.78	78.78	20.78	2.23	80.0	± 9.6 %
		Y	5.67	74.41	19.05		80.0	
		Z	6.14	75.55	19.46		80.0	
10507-AAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	6.09	73.16	19.22	2.23	80.0	± 9.6 %
		Y	5.06	70.61	18.04		80.0	
		Z	5.31	71.32	18.34		80.0	

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10508-AAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	6.07	72.60	19.05	2.23	80.0	± 9.6 %
		Y	5.12	70.27	17.95		80.0	
		Z	5.35	70.94	18.23		80.0	
10509-AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.28	75.99	19.77	2.23	80.0	± 9.6 %
		Y	5.79	72.84	18.47		80.0	
		Z	6.14	73.69	18.78		80.0	
10510-AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	6.43	72.37	18.95	2.23	80.0	± 9.6 %
		Y	5.52	70.24	17.97		80.0	
		Z	5.75	70.87	18.22		80.0	
10511-AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	6.40	71.93	18.84	2.23	80.0	± 9.6 %
		Y	5.54	69.94	17.91		80.0	
		Z	5.76	70.54	18.15		80.0	
10512-AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	8.17	78.44	20.51	2.23	80.0	± 9.6 %
		Y	6.14	74.43	18.93		80.0	
		Z	6.60	75.48	19.31		80.0	
10513-AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	6.46	73.08	19.20	2.23	80.0	± 9.6 %
		Y	5.44	70.66	18.11		80.0	
		Z	5.69	71.35	18.39		80.0	
10514-AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	6.33	72.39	19.00	2.23	80.0	± 9.6 %
		Y	5.41	70.18	17.99		80.0	
		Z	5.64	70.82	18.25		80.0	
10515-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	1.00	64.16	15.64	0.00	150.0	± 9.6 %
		Y	0.92	62.40	13.91		150.0	
		Z	0.95	62.82	14.27		150.0	
10516-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	1.25	84.84	23.84	0.00	150.0	± 9.6 %
		Y	0.48	66.58	14.30		150.0	
		Z	0.54	68.43	15.58		150.0	
10517-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.91	67.48	17.00	0.00	150.0	± 9.6 %
		Y	0.76	63.84	14.12		150.0	
		Z	0.80	64.54	14.68		150.0	
10518-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	X	4.79	66.99	16.45	0.00	150.0	± 9.6 %
		Y	4.65	66.57	16.07		150.0	
		Z	4.68	66.70	16.15		150.0	
10519-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	X	5.05	67.33	16.60	0.00	150.0	± 9.6 %
		Y	4.88	66.89	16.23		150.0	
		Z	4.91	67.02	16.30		150.0	
10520-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	4.89	67.32	16.53	0.00	150.0	± 9.6 %
		Y	4.72	66.85	16.14		150.0	
		Z	4.76	66.99	16.22		150.0	
10521-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.82	67.34	16.52	0.00	150.0	± 9.6 %
		Y	4.65	66.85	16.12		150.0	
		Z	4.69	66.99	16.20		150.0	
10522-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.84	67.19	16.50	0.00	150.0	± 9.6 %
		Y	4.69	66.80	16.15		150.0	
		Z	4.72	66.93	16.21		150.0	

10523-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.72	67.17	16.39	0.00	150.0	± 9.6 %
		Y	4.56	66.70	16.00		150.0	
		Z	4.60	66.84	16.07		150.0	
10524-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	X	4.81	67.19	16.51	0.00	150.0	± 9.6 %
		Y	4.65	66.78	16.14		150.0	
		Z	4.68	66.91	16.21		150.0	
10525-AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	X	4.74	66.22	16.10	0.00	150.0	± 9.6 %
		Y	4.60	65.79	15.72		150.0	
		Z	4.63	65.93	15.79		150.0	
10526-AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	X	4.97	66.65	16.24	0.00	150.0	± 9.6 %
		Y	4.80	66.20	15.87		150.0	
		Z	4.84	66.34	15.94		150.0	
10527-AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	X	4.89	66.66	16.21	0.00	150.0	± 9.6 %
		Y	4.71	66.17	15.82		150.0	
		Z	4.75	66.31	15.89		150.0	
10528-AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	X	4.91	66.68	16.25	0.00	150.0	± 9.6 %
		Y	4.73	66.19	15.85		150.0	
		Z	4.77	66.34	15.93		150.0	
10529-AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	X	4.91	66.68	16.25	0.00	150.0	± 9.6 %
		Y	4.73	66.19	15.85		150.0	
		Z	4.77	66.34	15.93		150.0	
10531-AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	X	4.94	66.85	16.28	0.00	150.0	± 9.6 %
		Y	4.75	66.34	15.88		150.0	
		Z	4.79	66.49	15.95		150.0	
10532-AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	4.78	66.78	16.26	0.00	150.0	± 9.6 %
		Y	4.59	66.20	15.82		150.0	
		Z	4.63	66.36	15.90		150.0	
10533-AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	4.92	66.68	16.21	0.00	150.0	± 9.6 %
		Y	4.75	66.20	15.83		150.0	
		Z	4.78	66.35	15.90		150.0	
10534-AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	X	5.41	66.88	16.30	0.00	150.0	± 9.6 %
		Y	5.26	66.41	15.95		150.0	
		Z	5.28	66.54	16.01		150.0	
10535-AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	X	5.49	67.03	16.35	0.00	150.0	± 9.6 %
		Y	5.33	66.55	16.00		150.0	
		Z	5.36	66.69	16.06		150.0	
10536-AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	5.34	67.01	16.33	0.00	150.0	± 9.6 %
		Y	5.19	66.53	15.97		150.0	
		Z	5.22	66.66	16.03		150.0	
10537-AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	X	5.41	66.96	16.30	0.00	150.0	± 9.6 %
		Y	5.26	66.51	15.97		150.0	
		Z	5.29	66.64	16.03		150.0	
10538-AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	X	5.55	67.08	16.40	0.00	150.0	± 9.6 %
		Y	5.38	66.61	16.06		150.0	
		Z	5.41	66.74	16.12		150.0	
10540-AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	X	5.42	66.98	16.37	0.00	150.0	± 9.6 %
		Y	5.27	66.54	16.04		150.0	
		Z	5.30	66.66	16.09		150.0	

10541-AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	X	5.43	67.00	16.38	0.00	150.0	± 9.6 %
		Y	5.26	66.46	15.99		150.0	
		Z	5.29	66.61	16.06		150.0	
10542-AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	X	5.56	66.93	16.36	0.00	150.0	± 9.6 %
		Y	5.41	66.50	16.03		150.0	
		Z	5.44	66.62	16.09		150.0	
10543-AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.68	67.01	16.41	0.00	150.0	± 9.6 %
		Y	5.50	66.51	16.05		150.0	
		Z	5.53	66.65	16.11		150.0	
10544-AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	X	5.65	66.96	16.26	0.00	150.0	± 9.6 %
		Y	5.53	66.53	15.94		150.0	
		Z	5.55	66.65	16.00		150.0	
10545-AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	5.87	67.32	16.37	0.00	150.0	± 9.6 %
		Y	5.75	66.96	16.10		150.0	
		Z	5.77	67.06	16.14		150.0	
10546-AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	X	5.78	67.30	16.38	0.00	150.0	± 9.6 %
		Y	5.63	66.83	16.05		150.0	
		Z	5.66	66.96	16.11		150.0	
10547-AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.88	67.41	16.42	0.00	150.0	± 9.6 %
		Y	5.72	66.90	16.08		150.0	
		Z	5.75	67.03	16.13		150.0	
10548-AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	6.20	68.48	16.93	0.00	150.0	± 9.6 %
		Y	6.10	68.18	16.69		150.0	
		Z	6.08	68.17	16.68		150.0	
10550-AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	X	5.79	67.22	16.35	0.00	150.0	± 9.6 %
		Y	5.65	66.77	16.03		150.0	
		Z	5.68	66.90	16.08		150.0	
10551-AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	X	5.82	67.34	16.37	0.00	150.0	± 9.6 %
		Y	5.68	66.90	16.05		150.0	
		Z	5.70	67.02	16.10		150.0	
10552-AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	5.71	67.10	16.27	0.00	150.0	± 9.6 %
		Y	5.57	66.63	15.94		150.0	
		Z	5.60	66.76	16.00		150.0	
10553-AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.81	67.12	16.30	0.00	150.0	± 9.6 %
		Y	5.66	66.67	15.99		150.0	
		Z	5.69	66.81	16.04		150.0	
10554-AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	6.05	67.35	16.36	0.00	150.0	± 9.6 %
		Y	5.93	66.93	16.06		150.0	
		Z	5.95	67.05	16.10		150.0	
10555-AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	6.24	67.80	16.54	0.00	150.0	± 9.6 %
		Y	6.09	67.30	16.21		150.0	
		Z	6.12	67.42	16.26		150.0	
10556-AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	X	6.22	67.70	16.49	0.00	150.0	± 9.6 %
		Y	6.10	67.29	16.20		150.0	
		Z	6.12	67.40	16.24		150.0	
10557-AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	6.23	67.72	16.53	0.00	150.0	± 9.6 %
		Y	6.09	67.27	16.21		150.0	
		Z	6.11	67.40	16.26		150.0	

10558-AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	6.29	67.93	16.64	0.00	150.0	± 9.6 %
		Y	6.16	67.48	16.33		150.0	
		Z	6.18	67.60	16.38		150.0	
10560-AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	6.30	67.80	16.62	0.00	150.0	± 9.6 %
		Y	6.14	67.29	16.27		150.0	
		Z	6.17	67.42	16.33		150.0	
10561-AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	6.20	67.71	16.61	0.00	150.0	± 9.6 %
		Y	6.05	67.24	16.29		150.0	
		Z	6.08	67.37	16.34		150.0	
10562-AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	X	6.38	68.26	16.89	0.00	150.0	± 9.6 %
		Y	6.24	67.80	16.57		150.0	
		Z	6.25	67.90	16.61		150.0	
10563-AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	X	6.59	68.41	16.91	0.00	150.0	± 9.6 %
		Y	6.53	68.21	16.72		150.0	
		Z	6.52	68.24	16.73		150.0	
10564-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	X	5.14	67.16	16.65	0.46	150.0	± 9.6 %
		Y	5.00	66.75	16.29		150.0	
		Z	5.03	66.89	16.37		150.0	
10565-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	X	5.43	67.66	16.97	0.46	150.0	± 9.6 %
		Y	5.27	67.25	16.63		150.0	
		Z	5.30	67.37	16.69		150.0	
10566-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	X	5.26	67.56	16.81	0.46	150.0	± 9.6 %
		Y	5.10	67.12	16.45		150.0	
		Z	5.13	67.25	16.52		150.0	
10567-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	X	5.28	67.90	17.11	0.46	150.0	± 9.6 %
		Y	5.12	67.47	16.77		150.0	
		Z	5.15	67.58	16.82		150.0	
10568-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	X	5.17	67.25	16.56	0.46	150.0	± 9.6 %
		Y	5.01	66.85	16.21		150.0	
		Z	5.04	66.99	16.29		150.0	
10569-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	X	5.21	67.87	17.10	0.46	150.0	± 9.6 %
		Y	5.05	67.47	16.77		150.0	
		Z	5.08	67.57	16.82		150.0	
10570-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	X	5.25	67.68	17.04	0.46	150.0	± 9.6 %
		Y	5.10	67.32	16.72		150.0	
		Z	5.13	67.43	16.78		150.0	
10571-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	X	1.53	68.13	17.54	0.46	130.0	± 9.6 %
		Y	1.30	65.13	15.48		130.0	
		Z	1.36	65.83	15.92		130.0	
10572-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.57	68.96	17.98	0.46	130.0	± 9.6 %
		Y	1.32	65.68	15.79		130.0	
		Z	1.38	66.42	16.25		130.0	
10573-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	100.00	142.62	37.57	0.46	130.0	± 9.6 %
		Y	2.03	80.49	20.06		130.0	
		Z	3.14	87.00	22.48		130.0	
10574-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	2.27	78.89	22.22	0.46	130.0	± 9.6 %
		Y	1.48	70.93	18.18		130.0	
		Z	1.61	72.27	18.87		130.0	

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10575-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	X	4.97	67.04	16.76	0.46	130.0	± 9.6 %
		Y	4.83	66.64	16.40		130.0	
		Z	4.86	66.77	16.47		130.0	
10576-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	X	4.99	67.19	16.82	0.46	130.0	± 9.6 %
		Y	4.85	66.79	16.46		130.0	
		Z	4.88	66.91	16.52		130.0	
10577-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	X	5.26	67.55	17.00	0.46	130.0	± 9.6 %
		Y	5.09	67.14	16.65		130.0	
		Z	5.12	67.26	16.71		130.0	
10578-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	X	5.15	67.72	17.08	0.46	130.0	± 9.6 %
		Y	4.98	67.29	16.73		130.0	
		Z	5.01	67.40	16.78		130.0	
10579-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	X	4.95	67.23	16.55	0.46	130.0	± 9.6 %
		Y	4.77	66.70	16.12		130.0	
		Z	4.81	66.87	16.22		130.0	
10580-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	X	4.99	67.14	16.52	0.46	130.0	± 9.6 %
		Y	4.81	66.66	16.11		130.0	
		Z	4.85	66.82	16.21		130.0	
10581-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	X	5.08	67.89	17.08	0.46	130.0	± 9.6 %
		Y	4.89	67.37	16.68		130.0	
		Z	4.92	67.50	16.74		130.0	
10582-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	X	4.91	66.98	16.37	0.46	130.0	± 9.6 %
		Y	4.72	66.46	15.92		130.0	
		Z	4.77	66.65	16.04		130.0	
10583-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.97	67.04	16.76	0.46	130.0	± 9.6 %
		Y	4.83	66.64	16.40		130.0	
		Z	4.86	66.77	16.47		130.0	
10584-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.99	67.19	16.82	0.46	130.0	± 9.6 %
		Y	4.85	66.79	16.46		130.0	
		Z	4.88	66.91	16.52		130.0	
10585-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	5.26	67.55	17.00	0.46	130.0	± 9.6 %
		Y	5.09	67.14	16.65		130.0	
		Z	5.12	67.26	16.71		130.0	
10586-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	5.15	67.72	17.08	0.46	130.0	± 9.6 %
		Y	4.98	67.29	16.73		130.0	
		Z	5.01	67.40	16.78		130.0	
10587-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	4.95	67.23	16.55	0.46	130.0	± 9.6 %
		Y	4.77	66.70	16.12		130.0	
		Z	4.81	66.87	16.22		130.0	
10588-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	4.99	67.14	16.52	0.46	130.0	± 9.6 %
		Y	4.81	66.66	16.11		130.0	
		Z	4.85	66.82	16.21		130.0	
10589-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	X	5.08	67.89	17.08	0.46	130.0	± 9.6 %
		Y	4.89	67.37	16.68		130.0	
		Z	4.92	67.50	16.74		130.0	
10590-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X	4.91	66.98	16.37	0.46	130.0	± 9.6 %
		Y	4.72	66.46	15.92		130.0	
		Z	4.77	66.65	16.04		130.0	

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10591-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	5.11	67.08	16.84	0.46	130.0	± 9.6 %
		Y	4.98	66.71	16.50		130.0	
		Z	5.00	66.83	16.57		130.0	
10592-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	5.31	67.43	16.95	0.46	130.0	± 9.6 %
		Y	5.15	67.05	16.62		130.0	
		Z	5.18	67.17	16.68		130.0	
10593-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	X	5.25	67.44	16.89	0.46	130.0	± 9.6 %
		Y	5.09	67.01	16.53		130.0	
		Z	5.12	67.14	16.60		130.0	
10594-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	5.29	67.54	17.00	0.46	130.0	± 9.6 %
		Y	5.13	67.14	16.67		130.0	
		Z	5.17	67.26	16.73		130.0	
10595-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	5.29	67.57	16.94	0.46	130.0	± 9.6 %
		Y	5.12	67.13	16.58		130.0	
		Z	5.15	67.26	16.65		130.0	
10596-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	X	5.22	67.54	16.93	0.46	130.0	± 9.6 %
		Y	5.05	67.11	16.57		130.0	
		Z	5.08	67.25	16.64		130.0	
10597-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	X	5.18	67.53	16.87	0.46	130.0	± 9.6 %
		Y	5.00	67.06	16.48		130.0	
		Z	5.04	67.20	16.56		130.0	
10598-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	5.16	67.79	17.12	0.46	130.0	± 9.6 %
		Y	4.98	67.30	16.73		130.0	
		Z	5.01	67.43	16.80		130.0	
10599-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.79	67.75	17.03	0.46	130.0	± 9.6 %
		Y	5.65	67.37	16.73		130.0	
		Z	5.67	67.45	16.77		130.0	
10600-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	6.05	68.52	17.39	0.46	130.0	± 9.6 %
		Y	5.91	68.14	17.10		130.0	
		Z	5.92	68.21	17.13		130.0	
10601-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	5.87	68.05	17.17	0.46	130.0	± 9.6 %
		Y	5.73	67.66	16.87		130.0	
		Z	5.74	67.74	16.90		130.0	
10602-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	X	6.00	68.19	17.16	0.46	130.0	± 9.6 %
		Y	5.82	67.69	16.81		130.0	
		Z	5.85	67.81	16.86		130.0	
10603-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	6.11	68.53	17.44	0.46	130.0	± 9.6 %
		Y	5.93	68.06	17.11		130.0	
		Z	5.96	68.18	17.17		130.0	
10604-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	X	5.81	67.77	17.06	0.46	130.0	± 9.6 %
		Y	5.66	67.35	16.75		130.0	
		Z	5.68	67.45	16.79		130.0	
10605-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	5.92	68.05	17.21	0.46	130.0	± 9.6 %
		Y	5.78	67.66	16.91		130.0	
		Z	5.79	67.76	16.95		130.0	
10606-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	X	5.67	67.50	16.81	0.46	130.0	± 9.6 %
		Y	5.55	67.13	16.51		130.0	
		Z	5.57	67.26	16.58		130.0	

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10607-AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.93	66.35	16.43	0.46	130.0	± 9.6 %
		Y	4.79	65.95	16.08		130.0	
		Z	4.82	66.07	16.14		130.0	
10608-AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	5.18	66.78	16.58	0.46	130.0	± 9.6 %
		Y	5.01	66.38	16.24		130.0	
		Z	5.04	66.50	16.30		130.0	
10609-AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	X	5.07	66.72	16.48	0.46	130.0	± 9.6 %
		Y	4.90	66.26	16.10		130.0	
		Z	4.93	66.40	16.18		130.0	
10610-AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	X	5.12	66.86	16.62	0.46	130.0	± 9.6 %
		Y	4.95	66.41	16.26		130.0	
		Z	4.99	66.54	16.32		130.0	
10611-AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	5.06	66.76	16.52	0.46	130.0	± 9.6 %
		Y	4.88	66.26	16.13		130.0	
		Z	4.92	66.40	16.20		130.0	
10612-AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	5.08	66.88	16.54	0.46	130.0	± 9.6 %
		Y	4.90	66.40	16.16		130.0	
		Z	4.93	66.54	16.23		130.0	
10613-AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	5.10	66.83	16.46	0.46	130.0	± 9.6 %
		Y	4.91	66.34	16.07		130.0	
		Z	4.95	66.49	16.15		130.0	
10614-AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	5.02	67.04	16.69	0.46	130.0	± 9.6 %
		Y	4.84	66.50	16.28		130.0	
		Z	4.87	66.64	16.35		130.0	
10615-AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	5.06	66.55	16.30	0.46	130.0	± 9.6 %
		Y	4.88	66.08	15.91		130.0	
		Z	4.92	66.23	16.00		130.0	
10616-AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	5.60	66.99	16.63	0.46	130.0	± 9.6 %
		Y	5.45	66.57	16.31		130.0	
		Z	5.48	66.68	16.36		130.0	
10617-AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	X	5.68	67.14	16.66	0.46	130.0	± 9.6 %
		Y	5.52	66.69	16.33		130.0	
		Z	5.54	66.80	16.38		130.0	
10618-AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	5.55	67.17	16.70	0.46	130.0	± 9.6 %
		Y	5.41	66.74	16.38		130.0	
		Z	5.43	66.85	16.43		130.0	
10619-AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.57	66.98	16.54	0.46	130.0	± 9.6 %
		Y	5.43	66.56	16.23		130.0	
		Z	5.45	66.68	16.28		130.0	
10620-AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.73	67.19	16.70	0.46	130.0	± 9.6 %
		Y	5.56	66.71	16.35		130.0	
		Z	5.59	66.83	16.41		130.0	
10621-AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.68	67.17	16.79	0.46	130.0	± 9.6 %
		Y	5.52	66.74	16.48		130.0	
		Z	5.55	66.85	16.52		130.0	
10622-AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	5.66	67.24	16.82	0.46	130.0	± 9.6 %
		Y	5.52	66.85	16.52		130.0	
		Z	5.54	66.94	16.56		130.0	

10623-AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.60	67.04	16.62	0.46	130.0	± 9.6 %
		Y	5.42	66.47	16.23		130.0	
		Z	5.45	66.63	16.30		130.0	
10624-AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	X	5.74	67.00	16.66	0.46	130.0	± 9.6 %
		Y	5.60	66.62	16.37		130.0	
		Z	5.62	66.73	16.41		130.0	
10625-AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	6.06	67.73	17.06	0.46	130.0	± 9.6 %
		Y	6.03	67.72	16.96		130.0	
		Z	6.01	67.70	16.95		130.0	
10626-AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.82	67.00	16.54	0.46	130.0	± 9.6 %
		Y	5.70	66.60	16.25		130.0	
		Z	5.72	66.71	16.29		130.0	
10627-AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	6.07	67.45	16.71	0.46	130.0	± 9.6 %
		Y	5.98	67.19	16.49		130.0	
		Z	5.98	67.25	16.51		130.0	
10628-AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.92	67.24	16.56	0.46	130.0	± 9.6 %
		Y	5.78	66.81	16.25		130.0	
		Z	5.80	66.93	16.30		130.0	
10629-AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	6.03	67.37	16.61	0.46	130.0	± 9.6 %
		Y	5.88	66.90	16.29		130.0	
		Z	5.90	67.04	16.35		130.0	
10630-AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	X	6.63	69.29	17.57	0.46	130.0	± 9.6 %
		Y	6.54	69.01	17.33		130.0	
		Z	6.50	68.95	17.31		130.0	
10631-AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	6.51	69.00	17.59	0.46	130.0	± 9.6 %
		Y	6.33	68.48	17.25		130.0	
		Z	6.33	68.53	17.26		130.0	
10632-AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	X	6.09	67.66	16.94	0.46	130.0	± 9.6 %
		Y	5.94	67.24	16.65		130.0	
		Z	5.96	67.32	16.68		130.0	
10633-AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	6.06	67.60	16.76	0.46	130.0	± 9.6 %
		Y	5.90	67.12	16.43		130.0	
		Z	5.93	67.25	16.48		130.0	
10634-AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	6.02	67.54	16.78	0.46	130.0	± 9.6 %
		Y	5.86	67.06	16.46		130.0	
		Z	5.89	67.19	16.51		130.0	
10635-AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.91	66.93	16.24	0.46	130.0	± 9.6 %
		Y	5.75	66.41	15.88		130.0	
		Z	5.78	66.58	15.97		130.0	
10636-AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	6.22	67.39	16.64	0.46	130.0	± 9.6 %
		Y	6.11	67.02	16.36		130.0	
		Z	6.13	67.12	16.40		130.0	
10637-AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	6.45	67.92	16.87	0.46	130.0	± 9.6 %
		Y	6.30	67.45	16.56		130.0	
		Z	6.32	67.56	16.60		130.0	
10638-AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	6.39	67.74	16.76	0.46	130.0	± 9.6 %
		Y	6.29	67.39	16.51		130.0	
		Z	6.30	67.48	16.54		130.0	

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10639-AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	6.42	67.83	16.85	0.46	130.0	± 9.6 %
		Y	6.30	67.43	16.57		130.0	
		Z	6.31	67.53	16.61		130.0	
10640-AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	6.47	67.96	16.87	0.46	130.0	± 9.6 %
		Y	6.34	67.55	16.58		130.0	
		Z	6.36	67.66	16.63		130.0	
10641-AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	X	6.45	67.66	16.73	0.46	130.0	± 9.6 %
		Y	6.31	67.23	16.44		130.0	
		Z	6.33	67.35	16.49		130.0	
10642-AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	X	6.54	68.02	17.07	0.46	130.0	± 9.6 %
		Y	6.38	67.54	16.75		130.0	
		Z	6.40	67.66	16.80		130.0	
10643-AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	6.35	67.70	16.83	0.46	130.0	± 9.6 %
		Y	6.22	67.26	16.52		130.0	
		Z	6.24	67.39	16.57		130.0	
10644-AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	6.63	68.54	17.28	0.46	130.0	± 9.6 %
		Y	6.48	68.05	16.94		130.0	
		Z	6.49	68.15	16.98		130.0	
10645-AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	X	6.83	68.64	17.26	0.46	130.0	± 9.6 %
		Y	6.78	68.45	17.08		130.0	
		Z	6.76	68.48	17.09		130.0	
10646-AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	23.77	102.61	33.72	9.30	60.0	± 9.6 %
		Y	20.40	101.11	33.40		60.0	
		Z	25.01	105.52	34.77		60.0	
10647-AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	X	25.18	104.62	34.47	9.30	60.0	± 9.6 %
		Y	20.97	102.45	33.94		60.0	
		Z	26.28	107.39	35.47		60.0	
10648-AAA	CDMA2000 (1x Advanced)	X	0.99	67.29	14.09	0.00	150.0	± 9.6 %
		Y	0.72	63.04	10.75		150.0	
		Z	0.77	63.65	11.35		150.0	
10652-AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	5.04	69.84	18.09	2.23	80.0	± 9.6 %
		Y	4.43	68.06	17.08		80.0	
		Z	4.58	68.58	17.32		80.0	
10653-AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	5.45	69.00	18.04	2.23	80.0	± 9.6 %
		Y	4.93	67.54	17.22		80.0	
		Z	5.06	68.00	17.43		80.0	
10654-AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	X	5.34	68.69	18.02	2.23	80.0	± 9.6 %
		Y	4.86	67.25	17.22		80.0	
		Z	4.99	67.71	17.43		80.0	
10655-AAD	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	5.40	68.79	18.07	2.23	80.0	± 9.6 %
		Y	4.92	67.31	17.27		80.0	
		Z	5.04	67.77	17.48		80.0	
10658-AAA	Pulse Waveform (200Hz, 10%)	X	11.03	81.69	22.20	10.00	50.0	± 9.6 %
		Y	10.59	82.32	22.47		50.0	
		Z	10.99	82.66	22.36		50.0	
10659-AAA	Pulse Waveform (200Hz, 20%)	X	14.51	87.74	22.90	6.99	60.0	± 9.6 %
		Y	15.68	90.34	23.71		60.0	
		Z	16.52	90.51	23.53		60.0	

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10660-AAA	Pulse Waveform (200Hz, 40%)	X	100.00	115.63	28.65	3.98	80.0	± 9.6 %
		Y	100.00	116.20	28.51		80.0	
		Z	100.00	115.23	28.10		80.0	
10661-AAA	Pulse Waveform (200Hz, 60%)	X	100.00	116.29	27.42	2.22	100.0	± 9.6 %
		Y	100.00	115.47	26.60		100.0	
		Z	100.00	114.98	26.47		100.0	
10662-AAA	Pulse Waveform (200Hz, 80%)	X	100.00	121.88	27.79	0.97	120.0	± 9.6 %
		Y	100.00	114.69	24.28		120.0	
		Z	100.00	116.25	25.08		120.0	

[F] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Attachment 4. – Dipole Calibration Data

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client BV ADT Korea (Dymstec) **Certificate No: D900V2-1d069_May18**

CALIBRATION CERTIFICATE

Object	D900V2 - SN:1d069
Calibration procedure(s)	QA CAL-05.v10 Calibration procedure for dipole validation kits above 700 MHz
Calibration date:	May 30, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Michael Weber	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: May 31, 2018

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	900 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.5	0.97 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.6 ± 6 %	0.95 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.67 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**10.8 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.71 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**6.90 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	55.0	1.05 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	54.4 ± 6 %	1.01 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	----	----

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	2.71 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**11.1 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	1.77 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**7.23 W/kg ± 16.5 % (k=2)**

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	50.7 Ω - 4.2 jΩ
Return Loss	- 27.6 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	45.4 Ω - 6.0 jΩ
Return Loss	- 22.0 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.411 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	January 29, 2008

DASY5 Validation Report for Head TSL

Date: 29.05.2018

Test Laboratory: SPEAG, Zurich, Switzerland

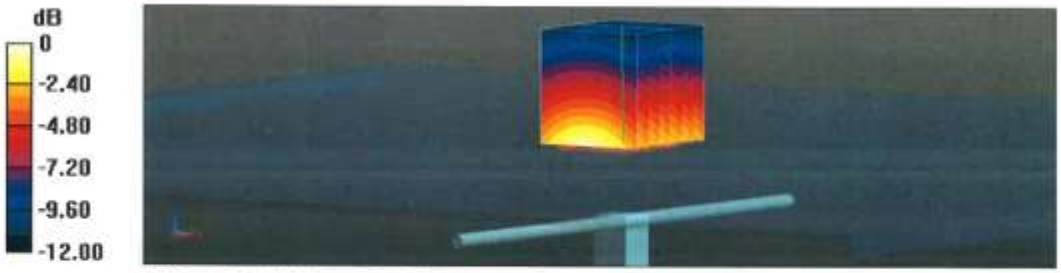
DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:1d069

Communication System: UID 0 - CW; Frequency: 900 MHz
Medium parameters used: f = 900 MHz; σ = 0.95 S/m; ε_r = 40.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

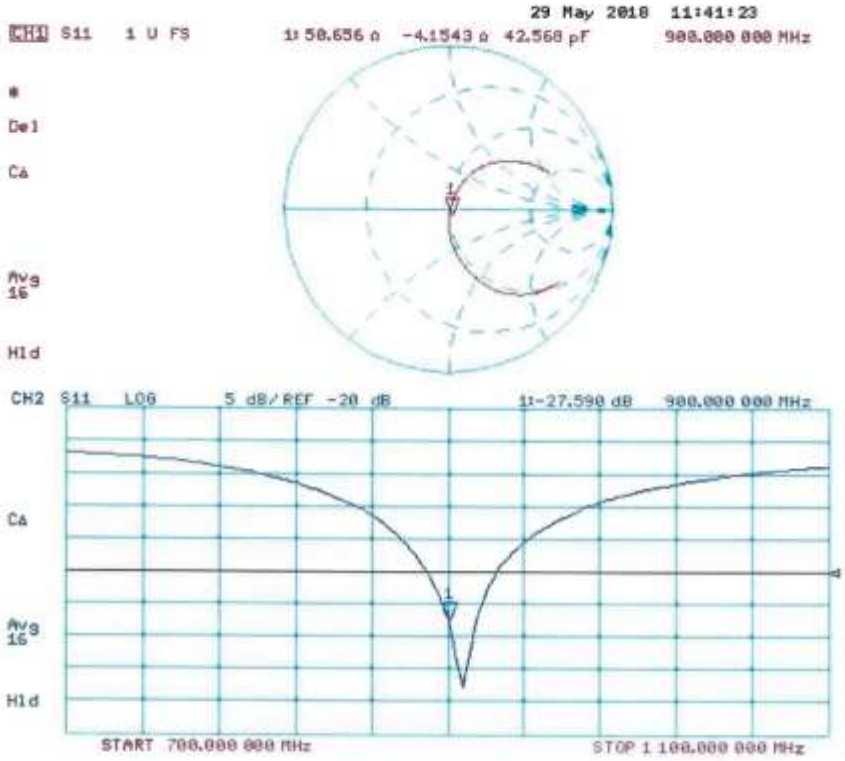
- Probe: EX3DV4 - SN7349; ConvF(9.71, 9.71, 9.71) @ 900 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (front); Type: QD 00L P49 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Head Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 65.34 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.05 W/kg
SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.71 W/kg
Maximum value of SAR (measured) = 3.59 W/kg



0 dB = 3.59 W/kg = 5.55 dBW/kg

Impedance Measurement Plot for Head TSL



DASY5 Validation Report for Body TSL

Date: 30.05.2018

Test Laboratory: SPEAG, Zurich, Switzerland

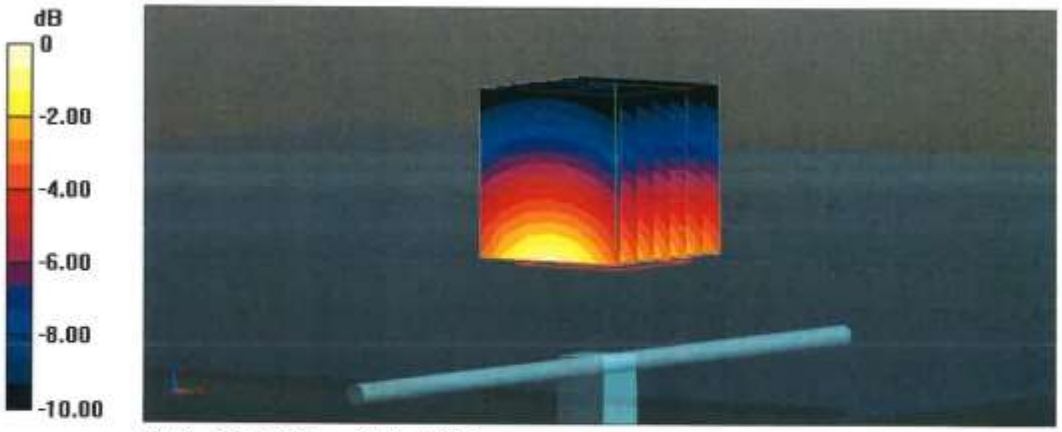
DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:1d069

Communication System: UID 0 - CW; Frequency: 900 MHz
Medium parameters used: f = 900 MHz; σ = 1.01 S/m; ε_r = 54.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

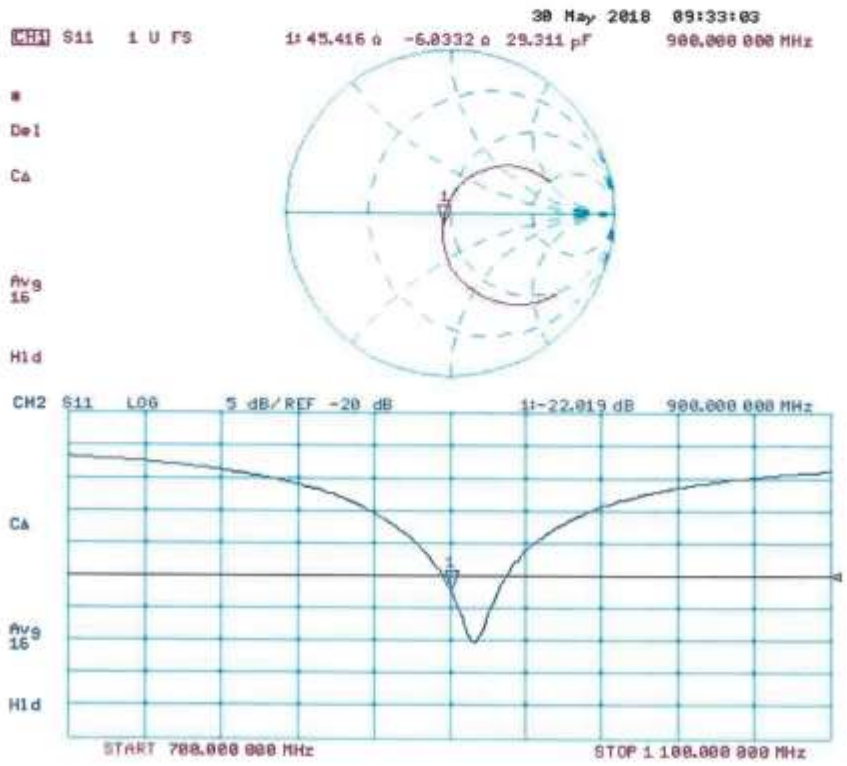
- Probe: EX3DV4 - SN7349; ConvF(9.83, 9.83, 9.83) @ 900 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (Back); Type: QD 00R P49 AA; Serial: 1005
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Body Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 63.81 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.77 W/kg
Maximum value of SAR (measured) = 3.56 W/kg



0 dB = 3.56 W/kg = 5.51 dBW/kg

Impedance Measurement Plot for Body TSL



Attachment 5. – SAR Tissue Characterization

The brain and muscle mixtures consist of a viscous gel using hydrox-ethyl cellulose (HEC) gelling agent and saline solution (see Table 3.1). Preservation with a bacteriacide is added and visual inspection is made to make sure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the desired tissue. The mixture characterizations used for the brain and muscle tissue simulating liquids are according to the data by C. Gabriel and G. Hartsgrove.

Ingredients (% by weight)	Frequency (MHz)	
	900	
Tissue Type	Head	Body
Water	40.92	53.06
Salt (NaCl)	1.48	0.94
Sugar	56.50	44.9
HEC	1.0	1.0
Bactericide	0.1	0.1
Triton X-100	0.0	0.0
DGBE	0.0	0.0
Diethylene glycol hexyl ether	-	-

Salt:	99 % Pure Sodium Chloride	Sugar:	98 % Pure Sucrose
Water:	De-ionized, 16M resistivity	HEC:	Hydroxyethyl Cellulose
DGBE:	99 % Di(ethylene glycol) butyl ether,[2-(2-butoxyethoxy) ethanol]		
Triton X-100(ultra pure):	Polyethylene glycol mono[4-(1,1,3,3-tetramethylbutyl)phenyl] ether		

Composition of the Tissue Equivalent Matter

Attachment 6. – SAR SYSTEM VALIDATION

Per FCC KCB 865664 D02v01r02, SAR system validation status should be document to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in IEEE 1528-2003 and FCC KDB 865664 D01v01r04. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

SAR System No.	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
9	3968	EX3DV4	Head	900	1d069	2017-12-04	41.6	0.90	PASS	PASS	PASS	N/A	N/A	N/A
11	3076	EX3DV4	Body	900	1d069	2017-12-04	55.1	0.99	PASS	PASS	PASS	N/A	N/A	N/A

SAR System Validation Summary

Note;

All measurement were performed using probes calibrated for CW signal only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04. SAR system were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to KDB 865664 D01v01r04.