DASY/EASY - Parameters of Probe: ES3DV3 - SN:3275

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-2.8
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	10 mm
Tip Diameter	4 mm
Probe Tip to Sensor X Calibration Point	2 mm
Probe Tip to Sensor Y Calibration Point	2 mm
Probe Tip to Sensor Z Calibration Point	2 mm
Recommended Measurement Distance from Surface	3 mm

Appendix: Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB√μV	C	D dB	VR mV	Max Unc[E] (k=2)
0	CW	X	0.00	0.00	1.00	0.00	211.6	± 3.3 %
		Y	0.00	0.00	1.00		202.8	
		Z	0.00	0.00	1.00		212.4	
10010-CAA	SAR Validation (Square, 100ms, 10ms)	X	8.10	79.10	17.81	10.00	25.0	± 9.6 %
		Y	8.98	80.10	19.70		25.0	
		Z	8.37	79.48	18.27		25.0	
10011-CAB	UMTS-FDD (WCDMA)	X	0.88	65.06	13.38	0.00	150.0	± 9.6 %
		Y	1.07	67.99	15.47		150.0	
		Z	0.93	65.71	13.90		150.0	
10012-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	X	1.21	64.06	14.74	0.41	150.0	± 9.6 %
		Y	1.31	65.35	15.86		150.0	
		Z	1.23	64.32	15.05		150.0	
10013-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	X	4.96	67.12	17.13	1.46	150.0	± 9.6 %
		Y	5.16	67.34	17.40		150.0	
		Z	5.03	67.12	17.22		150.0	
10021-DAC	GSM-FDD (TDMA, GMSK)	X	100.00	119.32	31.53	9.39	50.0	± 9.6 %
		Y	15.84	90.94	25.21		50.0	
		Z	61.29	112.41	30.22		50.0	
10023-DAC	GPRS-FDD (TDMA, GMSK, TN 0)	X	77.79	115.43	30.62	9.57	50.0	± 9.6 %
		Y	14.80	89.62	24.82		50.0	
		Z	43.92	107.10	28.86		50.0	
10024-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	X	100.00	115.73	28.71	6.56	60.0	± 9.6 %
		Y	58.69	111.44	29.41		60.0	
		Z	100.00	116.52	29.27		60.0	
10025-DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	X	17.13	105.61	40.29	12.57	50.0	± 9.6 %
		Y	18.87	104.10	39.34		50.0	
		Z	17.63	105.48	40.14		50.0	
10026-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	X	20.83	106.25	36.55	9.56	60.0	± 9.6 %
		Y	18.80	100.85	34.58		60.0	
		Z	20.73	105.43	36.25		60.0	
10027-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	X	100.00	114.30	27.22	4.80	80.0	± 9.6 %
		Y	100.00	118.06	29.74		80.0	
		Z	100.00	115.07	27.73		80.0	
10028-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	X	100.00	113.86	26.28	3.55	100.0	± 9.6 %
		Y	100.00	117.89	28.79		100.0	
		Z	100.00	114.66	26.78		100.0	
10029-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	X	12.40	94.17	31.28	7.80	80.0	± 9.6 %
		Y	13.55	93.90	31.08		80.0	
		Z	12.90	94.54	31.40		80.0	
10030-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	X	100.00	113.83	27.31	5.30	70.0	± 9.6 %
		Y	100.00	117.88	30.01		70.0	
		Z	100.00	114.71	27.89		70.0	
10031-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	X	100.00	111.82	23.95	1.88	100.0	± 9.6 %
		Y	100.00	118.45	27.41		100.0	
		Z	100.00	113.17	24.65		100.0	

10032-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	X	100.00	112.20	23.12	1.17	100.0	± 9.6 %
		Y	100.00	121.81	27.68		100.0	
		Z	100.00	114.11	24.02		100.0	
10033-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	X	21.07	98.64	26.38	5.30	70.0	± 9.6 %
		Y	14.09	92.25	25.41		70.0	
		Z	20.45	98.58	26.72		70.0	
10034-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	X	5.23	81.12	19.05	1.88	100.0	± 9.6 %
		Y	7.04	85.97	21.84		100.0	
		Z	5.81	82.96	20.11		100.0	
10035-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	X	2.87	74.72	16.38	1.17	100.0	± 9.6 %
		Y	4.21	80.36	19.64		100.0	
		Z	3.19	76.34	17.44		100.0	
10036-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	X	28.09	103.31	27.76	5.30	70.0	± 9.6 %
		Y	16.17	94.70	26.25		70.0	
		Z	26.60	102.95	28.04		70.0	
10037-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	X	4.90	80.29	18.73	1.88	100.0	± 9.6 %
		Y	6.80	85.50	21.65		100.0	
		Z	5.49	82.23	19.83		100.0	
10038-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	X	2.93	75.19	16.66	1.17	100.0	± 9.6 %
		Y	4.35	81.05	19.97		100.0	
		Z	3.27	76.90	17.74		100.0	
10039-CAB	CDMA2000 (1xRTT, RC1)	X	1.31	67.49	13.02	0.00	150.0	± 9.6 %
		Y	1.95	72.25	16.31		150.0	
		Z	1.50	68.83	14.08		150.0	
10042-CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	X	100.00	114.49	28.35	7.78	50.0	± 9.6 %
		Y	27.19	98.62	25.96		50.0	
		Z	100.00	115.37	28.96		50.0	
10044-CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	X	0.00	111.31	1.40	0.00	150.0	± 9.6 %
		Y	0.00	103.37	3.11		150.0	
		Z	0.00	110.12	0.15		150.0	
10048-CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	X	21.05	95.06	26.86	13.80	25.0	± 9.6 %
		Y	10.74	81.59	23.78		25.0	
		Z	16.51	90.77	25.87		25.0	
10049-CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	X	26.53	98.80	26.58	10.79	40.0	± 9.6 %
		Y	12.09	85.40	23.77		40.0	
		Z	20.58	94.89	25.77		40.0	
10056-CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	X	17.62	93.32	25.83	9.03	50.0	± 9.6 %
		Y	12.02	85.58	24.15		50.0	
		Z	16.01	91.64	25.58		50.0	
10058-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	X	8.71	87.03	27.93	6.55	100.0	± 9.6 %
		Y	10.25	88.69	28.50		100.0	
		Z	9.17	87.70	28.19		100.0	
10059-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	X	1.34	65.88	15.66	0.61	110.0	± 9.6 %
		Y	1.51	67.63	16.95		110.0	
		Z	1.38	66.26	16.01		110.0	
10060-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	X	29.91	111.02	27.96	1.30	110.0	± 9.6 %
		Y	100.00	129.73	33.11		110.0	
		Z	59.24	120.81	30.46		110.0	

10061-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	X	7.26	90.44	24.60	2.04	110.0	± 9.6 %
		Y	9.89	94.72	26.32		110.0	
		Z	8.15	92.24	25.31		110.0	
10062-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	X	4.68	66.84	16.38	0.49	100.0	± 9.6 %
		Y	4.87	67.06	16.67		100.0	
		Z	4.75	66.85	16.49		100.0	
10063-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	X	4.71	66.99	16.52	0.72	100.0	± 9.6 %
		Y	4.91	67.23	16.82		100.0	
		Z	4.79	67.01	16.62		100.0	
10064-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	X	5.01	67.29	16.78	0.86	100.0	± 9.6 %
		Y	5.25	67.57	17.09		100.0	
		Z	5.10	67.33	16.89		100.0	
10065-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	X	4.92	67.31	16.94	1.21	100.0	± 9.6 %
		Y	5.16	67.64	17.27		100.0	
		Z	5.01	67.35	17.06		100.0	
10066-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	X	4.97	67.44	17.17	1.46	100.0	± 9.6 %
		Y	5.23	67.79	17.51		100.0	
		Z	5.06	67.48	17.28		100.0	
10067-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	X	5.30	67.71	17.69	2.04	100.0	± 9.6 %
		Y	5.56	67.97	17.98		100.0	
		Z	5.38	67.70	17.77		100.0	
10068-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	X	5.40	67.92	18.00	2.55	100.0	± 9.6 %
		Y	5.72	68.38	18.38		100.0	
		Z	5.50	67.99	18.12		100.0	
10069-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	X	5.48	67.95	18.21	2.67	100.0	± 9.6 %
		Y	5.80	68.33	18.57		100.0	
		Z	5.58	67.97	18.31		100.0	
10071-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	X	5.10	67.35	17.51	1.99	100.0	± 9.6 %
		Y	5.32	67.61	17.81		100.0	
		Z	5.17	67.35	17.60		100.0	
10072-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	X	5.14	67.84	17.82	2.30	100.0	± 9.6 %
		Y	5.41	68.22	18.15		100.0	
		Z	5.22	67.87	17.91		100.0	
10073-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	X	5.27	68.20	18.25	2.83	100.0	± 9.6 %
		Y	5.56	68.62	18.60		100.0	
		Z	5.35	68.21	18.34		100.0	
10074-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	X	5.31	68.26	18.49	3.30	100.0	± 9.6 %
		Y	5.62	68.74	18.88		100.0	
		Z	5.38	68.28	18.58		100.0	
10075-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	X	5.42	68.63	18.93	3.82	90.0	± 9.6 %
		Y	5.80	69.31	19.42		90.0	
		Z	5.51	68.69	19.05		90.0	
10076-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	X	5.46	68.51	19.11	4.15	90.0	± 9.6 %
		Y	5.82	69.14	19.55		90.0	
		Z	5.54	68.54	19.20		90.0	
10077-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	X	5.50	68.62	19.22	4.30	90.0	± 9.6 %
		Y	5.87	69.25	19.67		90.0	
		Z	5.58	68.63	19.31		90.0	

10081-CAB	CDMA2000 (1xRTT, RC3)	X	0.67	63.34	10.42	0.00	150.0	± 9.6 %
		Y	0.93	66.76	13.40		150.0	
		Z	0.75	64.19	11.31		150.0	
10082-CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	X	1.67	62.28	7.31	4.77	80.0	± 9.6 %
		Y	2.42	64.72	9.59		80.0	
		Z	1.82	62.74	7.75		80.0	
10090-DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	X	100.00	115.81	28.77	6.56	60.0	± 9.6 %
		Y	56.26	110.87	29.30		60.0	
		Z	100.00	116.61	29.33		60.0	
10097-CAB	UMTS-FDD (HSDPA)	X	1.67	66.31	14.50	0.00	150.0	± 9.6 %
		Y	1.84	67.65	15.71		150.0	
		Z	1.72	66.59	14.85		150.0	
10098-CAB	UMTS-FDD (HSUPA, Subtest 2)	X	1.63	66.25	14.46	0.00	150.0	± 9.6 %
		Y	1.81	67.62	15.68		150.0	
		Z	1.69	66.54	14.81		150.0	
10099-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	X	20.79	106.16	36.52	9.56	60.0	± 9.6 %
		Y	18.70	100.68	34.52		60.0	
		Z	20.67	105.32	36.21		60.0	
10100-CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	2.89	69.12	15.77	0.00	150.0	± 9.6 %
		Y	3.26	70.83	16.74		150.0	
		Z	3.00	69.53	16.03		150.0	
10101-CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	3.12	67.04	15.37	0.00	150.0	± 9.6 %
		Y	3.34	67.92	16.00		150.0	
		Z	3.20	67.25	15.56		150.0	
10102-CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	3.23	67.05	15.49	0.00	150.0	± 9.6 %
		Y	3.44	67.83	16.07		150.0	
		Z	3.31	67.24	15.67		150.0	
10103-CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	8.43	78.64	21.26	3.98	65.0	± 9.6 %
		Y	8.62	77.74	20.97		65.0	
		Z	8.52	78.48	21.24		65.0	
10104-CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	8.17	76.82	21.36	3.98	65.0	± 9.6 %
		Y	8.69	76.76	21.44		65.0	
		Z	8.34	76.86	21.44		65.0	
10105-CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	7.76	75.79	21.22	3.98	65.0	± 9.6 %
		Y	7.66	74.29	20.64		65.0	
		Z	7.91	75.83	21.30		65.0	
10108-CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	2.53	68.36	15.57	0.00	150.0	± 9.6 %
		Y	2.87	70.01	16.56		150.0	
		Z	2.63	68.77	15.84		150.0	
10109-CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	2.77	66.79	15.20	0.00	150.0	± 9.6 %
		Y	3.01	67.70	15.91		150.0	
		Z	2.86	67.01	15.42		150.0	
10110-CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	2.03	67.36	15.06	0.00	150.0	± 9.6 %
		Y	2.35	69.06	16.22		150.0	
		Z	2.14	67.79	15.40		150.0	
10111-CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	2.45	67.27	15.27	0.00	150.0	± 9.6 %
		Y	2.70	68.19	16.15		150.0	
		Z	2.54	67.49	15.56		150.0	

10112-CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	2.90	66.83	15.29	0.00	150.0	± 9.6 %
		Y	3.13	67.63	15.95		150.0	
		Z	2.98	67.02	15.50		150.0	
10113-CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	2.61	67.47	15.44	0.00	150.0	± 9.6 %
		Y	2.85	68.27	16.25		150.0	
		Z	2.69	67.66	15.71		150.0	
10114-CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	X	5.06	67.18	16.20	0.00	150.0	± 9.6 %
		Y	5.20	67.35	16.40		150.0	
		Z	5.13	67.21	16.28		150.0	
10115-CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	X	5.35	67.33	16.28	0.00	150.0	± 9.6 %
		Y	5.57	67.66	16.57		150.0	
		Z	5.46	67.46	16.42		150.0	
10116-CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	X	5.16	67.37	16.22	0.00	150.0	± 9.6 %
		Y	5.33	67.61	16.46		150.0	
		Z	5.24	67.44	16.33		150.0	
10117-CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	X	5.03	67.04	16.14	0.00	150.0	± 9.6 %
		Y	5.20	67.36	16.43		150.0	
		Z	5.10	67.11	16.25		150.0	
10118-CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	X	5.44	67.54	16.40	0.00	150.0	± 9.6 %
		Y	5.64	67.83	16.66		150.0	
		Z	5.54	67.67	16.54		150.0	
10119-CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	X	5.14	67.32	16.20	0.00	150.0	± 9.6 %
		Y	5.30	67.56	16.44		150.0	
		Z	5.21	67.37	16.30		150.0	
10140-CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	3.27	67.06	15.42	0.00	150.0	± 9.6 %
		Y	3.49	67.84	16.00		150.0	
		Z	3.35	67.25	15.60		150.0	
10141-CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	3.39	67.19	15.61	0.00	150.0	± 9.6 %
		Y	3.61	67.88	16.14		150.0	
		Z	3.47	67.35	15.78		150.0	
10142-CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	1.79	67.06	14.53	0.00	150.0	± 9.6 %
		Y	2.12	68.96	15.99		150.0	
		Z	1.90	67.56	14.99		150.0	
10143-CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	2.25	67.55	14.72	0.00	150.0	± 9.6 %
		Y	2.56	68.81	15.99		150.0	
		Z	2.36	67.89	15.16		150.0	
10144-CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	2.09	65.69	13.32	0.00	150.0	± 9.6 %
		Y	2.40	67.02	14.68		150.0	
		Z	2.20	66.07	13.79		150.0	
10145-CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	1.05	63.35	10.30	0.00	150.0	± 9.6 %
		Y	1.46	66.87	13.44		150.0	
		Z	1.18	64.41	11.38		150.0	
10146-CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	1.86	65.82	11.18	0.00	150.0	± 9.6 %
		Y	3.29	72.53	15.56		150.0	
		Z	2.22	67.67	12.62		150.0	
10147-CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	2.14	67.48	12.12	0.00	150.0	± 9.6 %
		Y	4.19	75.89	17.09		150.0	
		Z	2.64	69.92	13.80		150.0	

10149-CAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	2.78	66.84	15.24	0.00	150.0	± 9.6 %
		Y	3.02	67.75	15.95		150.0	
		Z	2.86	67.07	15.46		150.0	
10150-CAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	2.91	66.88	15.33	0.00	150.0	± 9.6 %
		Y	3.14	67.67	15.98		150.0	
		Z	2.99	67.07	15.54		150.0	
10151-CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	9.16	81.37	22.36	3.98	65.0	± 9.6 %
		Y	9.09	79.83	21.89		65.0	
		Z	9.17	81.01	22.29		65.0	
10152-CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	7.77	76.96	21.11	3.98	65.0	± 9.6 %
		Y	8.32	76.95	21.30		65.0	
		Z	7.95	77.03	21.24		65.0	
10153-CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	8.23	77.96	21.87	3.98	65.0	± 9.6 %
		Y	8.66	77.60	21.89		65.0	
		Z	8.37	77.93	21.96		65.0	
10154-CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	2.07	67.69	15.28	0.00	150.0	± 9.6 %
		Y	2.40	69.48	16.48		150.0	
		Z	2.18	68.16	15.64		150.0	
10155-CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	2.45	67.29	15.29	0.00	150.0	± 9.6 %
		Y	2.70	68.20	16.16		150.0	
		Z	2.54	67.50	15.57		150.0	
10156-CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	1.62	66.85	14.14	0.00	150.0	± 9.6 %
		Y	1.98	69.14	15.92		150.0	
		Z	1.74	67.48	14.72		150.0	
10157-CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	1.89	65.90	13.14	0.00	150.0	± 9.6 %
		Y	2.24	67.60	14.80		150.0	
		Z	2.01	66.40	13.72		150.0	
10158-CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	2.61	67.53	15.49	0.00	150.0	± 9.6 %
		Y	2.85	68.31	16.29		150.0	
		Z	2.70	67.71	15.76		150.0	
10159-CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	1.98	66.28	13.39	0.00	150.0	± 9.6 %
		Y	2.35	68.01	15.07		150.0	
		Z	2.11	66.81	13.99		150.0	
10160-CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	2.58	67.74	15.49	0.00	150.0	± 9.6 %
		Y	2.84	68.87	16.30		150.0	
		Z	2.67	68.04	15.75		150.0	
10161-CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	2.80	66.79	15.23	0.00	150.0	± 9.6 %
		Y	3.03	67.56	15.92		150.0	
		Z	2.88	66.97	15.46		150.0	
10162-CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	2.91	66.96	15.36	0.00	150.0	± 9.6 %
		Y	3.13	67.64	16.00		150.0	
		Z	2.99	67.11	15.57		150.0	
10166-CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	3.59	69.77	19.04	3.01	150.0	± 9.6 %
		Y	4.00	70.80	19.68		150.0	
		Z	3.70	69.87	19.15		150.0	
10167-CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	4.47	72.90	19.57	3.01	150.0	± 9.6 %
		Y	5.27	74.48	20.43		150.0	
		Z	4.64	73.01	19.69		150.0	

10168-CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	4.99	75.28	20.95	3.01	150.0	± 9.6 %
		Y	5.79	76.50	21.58		150.0	
		Z	5.15	75.23	20.99		150.0	
10169-CAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	3.02	69.44	18.89	3.01	150.0	± 9.6 %
		Y	3.72	72.54	20.42		150.0	
		Z	3.17	70.01	19.21		150.0	
10170-CAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	X	4.27	75.88	21.39	3.01	150.0	± 9.6 %
		Y	5.90	80.40	23.19		150.0	
		Z	4.56	76.58	21.71		150.0	
10171-AAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	3.46	71.49	18.53	3.01	150.0	± 9.6 %
		Y	4.68	75.47	20.32		150.0	
		Z	3.69	72.13	18.87		150.0	
10172-CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	22.89	107.17	33.00	6.02	65.0	± 9.6 %
		Y	29.16	108.40	33.11		65.0	
		Z	25.77	108.46	33.30		65.0	
10173-CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	X	45.14	114.12	32.95	6.02	65.0	± 9.6 %
		Y	33.44	106.00	30.71		65.0	
		Z	41.34	111.77	32.33		65.0	
10174-CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	29.39	105.15	29.95	6.02	65.0	± 9.6 %
		Y	25.45	99.94	28.48		65.0	
		Z	28.31	103.70	29.56		65.0	
10175-CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	2.98	69.13	18.64	3.01	150.0	± 9.6 %
		Y	3.67	72.17	20.16		150.0	
		Z	3.13	69.69	18.96		150.0	
10176-CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	4.28	75.90	21.40	3.01	150.0	± 9.6 %
		Y	5.91	80.43	23.20		150.0	
		Z	4.57	76.60	21.72		150.0	
10177-CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	3.01	69.28	18.73	3.01	150.0	± 9.6 %
		Y	3.70	72.35	20.26		150.0	
		Z	3.16	69.85	19.06		150.0	
10178-CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	X	4.24	75.68	21.28	3.01	150.0	± 9.6 %
		Y	5.82	80.10	23.05		150.0	
		Z	4.51	76.35	21.59		150.0	
10179-CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	3.83	73.53	19.82	3.01	150.0	± 9.6 %
		Y	5.23	77.74	21.60		150.0	
		Z	4.08	74.20	20.14		150.0	
10180-CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	X	3.45	71.42	18.49	3.01	150.0	± 9.6 %
		Y	4.66	75.36	20.26		150.0	
		Z	3.68	72.05	18.82		150.0	
10181-CAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	3.00	69.26	18.73	3.01	150.0	± 9.6 %
		Y	3.70	72.33	20.25		150.0	
		Z	3.15	69.83	19.05		150.0	
10182-CAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	4.23	75.65	21.27	3.01	150.0	± 9.6 %
		Y	5.81	80.07	23.04		150.0	
		Z	4.50	76.32	21.58		150.0	
10183-AAC	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	3.45	71.39	18.47	3.01	150.0	± 9.6 %
		Y	4.65	75.34	20.25		150.0	
		Z	3.67	72.02	18.81		150.0	

10184-CAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	3.01	69.30	18.75	3.01	150.0	± 9.6 %
		Y	3.71	72.38	20.28		150.0	
		Z	3.16	69.87	19.07		150.0	
10185-CAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	X	4.25	75.73	21.31	3.01	150.0	± 9.6 %
		Y	5.84	80.16	23.08		150.0	
		Z	4.53	76.40	21.62		150.0	
10186-AAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	3.46	71.46	18.51	3.01	150.0	± 9.6 %
		Y	4.68	75.42	20.28		150.0	
		Z	3.69	72.09	18.84		150.0	
10187-CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	3.02	69.36	18.81	3.01	150.0	± 9.6 %
		Y	3.72	72.43	20.33		150.0	
		Z	3.17	69.92	19.13		150.0	
10188-CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	4.39	76.42	21.70	3.01	150.0	± 9.6 %
		Y	6.08	80.98	23.49		150.0	
		Z	4.69	77.13	22.01		150.0	
10189-AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	3.55	71.90	18.79	3.01	150.0	± 9.6 %
		Y	4.81	75.94	20.58		150.0	
		Z	3.78	72.55	19.13		150.0	
10193-CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	X	4.45	66.56	15.86	0.00	150.0	± 9.6 %
		Y	4.63	66.77	16.18		150.0	
		Z	4.53	66.58	15.98		150.0	
10194-CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	X	4.62	66.87	15.99	0.00	150.0	± 9.6 %
		Y	4.82	67.14	16.29		150.0	
		Z	4.70	66.91	16.10		150.0	
10195-CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	X	4.66	66.90	16.01	0.00	150.0	± 9.6 %
		Y	4.86	67.15	16.30		150.0	
		Z	4.75	66.94	16.12		150.0	
10196-CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	X	4.46	66.61	15.88	0.00	150.0	± 9.6 %
		Y	4.65	66.87	16.21		150.0	
		Z	4.53	66.65	16.00		150.0	
10197-CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	X	4.64	66.89	16.00	0.00	150.0	± 9.6 %
		Y	4.84	67.16	16.30		150.0	
		Z	4.72	66.93	16.11		150.0	
10198-CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	X	4.66	66.92	16.02	0.00	150.0	± 9.6 %
		Y	4.87	67.17	16.31		150.0	
		Z	4.75	66.96	16.13		150.0	
10219-CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	X	4.40	66.62	15.83	0.00	150.0	± 9.6 %
		Y	4.59	66.88	16.17		150.0	
		Z	4.48	66.66	15.96		150.0	
10220-CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	X	4.63	66.86	15.99	0.00	150.0	± 9.6 %
		Y	4.84	67.15	16.30		150.0	
		Z	4.72	66.91	16.11		150.0	
10221-CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	X	4.67	66.85	16.01	0.00	150.0	± 9.6 %
		Y	4.88	67.10	16.30		150.0	
		Z	4.76	66.89	16.12		150.0	
10222-CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	X	5.00	67.05	16.14	0.00	150.0	± 9.6 %
		Y	5.18	67.38	16.43		150.0	
		Z	5.08	67.12	16.24		150.0	

10223-CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	X	5.31	67.27	16.28	0.00	150.0	± 9.6 %
		Y	5.55	67.70	16.61		150.0	
		Z	5.39	67.33	16.38		150.0	
10224-CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	X	5.05	67.15	16.12	0.00	150.0	± 9.6 %
		Y	5.23	67.47	16.40		150.0	
		Z	5.12	67.22	16.22		150.0	
10225-CAB	UMTS-FDD (HSPA+)	X	2.70	65.72	14.75	0.00	150.0	± 9.6 %
		Y	2.89	66.26	15.48		150.0	
		Z	2.77	65.84	15.01		150.0	
10226-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	50.25	116.22	33.59	6.02	65.0	± 9.6 %
		Y	35.30	107.10	31.10		65.0	
		Z	45.30	113.57	32.91		65.0	
10227-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	39.94	110.39	31.44	6.02	65.0	± 9.6 %
		Y	27.63	101.45	29.00		65.0	
		Z	35.20	107.48	30.68		65.0	
10228-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	31.91	113.91	34.98	6.02	65.0	± 9.6 %
		Y	33.76	111.66	34.13		65.0	
		Z	33.64	113.99	34.94		65.0	
10229-CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	X	45.34	114.19	32.97	6.02	65.0	± 9.6 %
		Y	33.47	106.00	30.72		65.0	
		Z	41.47	111.81	32.35		65.0	
10230-CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	36.52	108.73	30.92	6.02	65.0	± 9.6 %
		Y	26.46	100.60	28.69		65.0	
		Z	32.69	106.09	30.22		65.0	
10231-CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	29.50	112.23	34.43	6.02	65.0	± 9.6 %
		Y	32.10	110.57	33.75		65.0	
		Z	31.26	112.42	34.42		65.0	
10232-CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	X	45.34	114.20	32.98	6.02	65.0	± 9.6 %
		Y	33.46	106.00	30.72		65.0	
		Z	41.46	111.82	32.35		65.0	
10233-CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	X	36.50	108.73	30.92	6.02	65.0	± 9.6 %
		Y	26.48	100.63	28.69		65.0	
		Z	32.69	106.10	30.23		65.0	
10234-CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	27.44	110.59	33.85	6.02	65.0	± 9.6 %
		Y	30.42	109.33	33.31		65.0	
		Z	29.16	110.83	33.87		65.0	
10235-CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	45.55	114.29	33.00	6.02	65.0	± 9.6 %
		Y	33.56	106.07	30.74		65.0	
		Z	41.64	111.91	32.38		65.0	
10236-CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	36.95	108.91	30.96	6.02	65.0	± 9.6 %
		Y	26.68	100.74	28.72		65.0	
		Z	33.05	106.26	30.27		65.0	
10237-CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	29.76	112.43	34.49	6.02	65.0	± 9.6 %
		Y	32.41	110.77	33.81		65.0	
		Z	31.56	112.63	34.48		65.0	
10238-CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	45.34	114.21	32.98	6.02	65.0	± 9.6 %
		Y	33.47	106.02	30.72		65.0	
		Z	41.47	111.83	32.35		65.0	

10239-CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	36.46	108.72	30.92	6.02	65.0	± 9.6 %
		Y	26.48	100.65	28.70		65.0	
		Z	32.67	106.10	30.23		65.0	
10240-CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	29.66	112.38	34.47	6.02	65.0	± 9.6 %
		Y	32.31	110.72	33.80		65.0	
		Z	31.45	112.57	34.47		65.0	
10241-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	12.07	87.90	27.72	6.98	65.0	± 9.6 %
		Y	13.30	87.80	27.79		65.0	
		Z	12.09	87.25	27.54		65.0	
10242-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	10.79	85.52	26.74	6.98	65.0	± 9.6 %
		Y	11.93	85.40	26.80		65.0	
		Z	10.92	85.06	26.63		65.0	
10243-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	8.53	82.01	26.28	6.98	65.0	± 9.6 %
		Y	9.73	82.85	26.70		65.0	
		Z	8.73	81.87	26.27		65.0	
10244-CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	8.65	79.36	19.73	3.98	65.0	± 9.6 %
		Y	9.67	80.41	21.07		65.0	
		Z	9.07	80.05	20.38		65.0	
10245-CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	8.37	78.61	19.39	3.98	65.0	± 9.6 %
		Y	9.55	79.98	20.86		65.0	
		Z	8.85	79.41	20.09		65.0	
10246-CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	8.45	81.72	20.65	3.98	65.0	± 9.6 %
		Y	8.96	81.90	21.58		65.0	
		Z	8.89	82.46	21.26		65.0	
10247-CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	7.05	76.85	19.45	3.98	65.0	± 9.6 %
		Y	7.74	77.40	20.39		65.0	
		Z	7.34	77.32	19.94		65.0	
10248-CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	6.95	76.21	19.18	3.98	65.0	± 9.6 %
		Y	7.76	77.01	20.23		65.0	
		Z	7.27	76.74	19.70		65.0	
10249-CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	10.21	85.26	22.77	3.98	65.0	± 9.6 %
		Y	9.74	83.39	22.69		65.0	
		Z	10.26	85.16	22.98		65.0	
10250-CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	8.24	79.77	22.15	3.98	65.0	± 9.6 %
		Y	8.54	79.06	22.18		65.0	
		Z	8.37	79.72	22.29		65.0	
10251-CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	7.65	77.33	20.87	3.98	65.0	± 9.6 %
		Y	8.18	77.25	21.21		65.0	
		Z	7.84	77.43	21.08		65.0	
10252-CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	10.15	84.92	23.58	3.98	65.0	± 9.6 %
		Y	9.64	82.56	22.96		65.0	
		Z	10.08	84.44	23.52		65.0	
10253-CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	7.59	76.43	20.88	3.98	65.0	± 9.6 %
		Y	8.12	76.41	21.12		65.0	
		Z	7.75	76.47	21.02		65.0	
10254-CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	8.02	77.36	21.56	3.98	65.0	± 9.6 %
		Y	8.47	77.08	21.68		65.0	
		Z	8.16	77.32	21.67		65.0	

10255-CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	8.82	80.95	22.40	3.98	65.0	± 9.6 %
		Y	8.84	79.53	22.01		65.0	
		Z	8.84	80.61	22.35		65.0	
10256-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	6.82	75.23	17.15	3.98	65.0	± 9.6 %
		Y	8.68	78.37	19.56		65.0	
		Z	7.54	76.70	18.19		65.0	
10257-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	6.54	74.30	16.68	3.98	65.0	± 9.6 %
		Y	8.52	77.75	19.24		65.0	
		Z	7.28	75.85	17.77		65.0	
10258-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	6.37	76.83	18.03	3.98	65.0	± 9.6 %
		Y	7.89	79.52	20.15		65.0	
		Z	7.10	78.42	19.06		65.0	
10259-CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	7.52	77.93	20.42	3.98	65.0	± 9.6 %
		Y	8.06	77.98	21.01		65.0	
		Z	7.74	78.19	20.78		65.0	
10260-CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	7.49	77.59	20.29	3.98	65.0	± 9.6 %
		Y	8.09	77.75	20.94		65.0	
		Z	7.73	77.88	20.67		65.0	
10261-CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	9.67	84.29	22.82	3.98	65.0	± 9.6 %
		Y	9.39	82.53	22.65		65.0	
		Z	9.71	84.10	22.96		65.0	
10262-CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	8.22	79.70	22.11	3.98	65.0	± 9.6 %
		Y	8.54	79.02	22.15		65.0	
		Z	8.36	79.67	22.25		65.0	
10263-CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	7.64	77.31	20.87	3.98	65.0	± 9.6 %
		Y	8.18	77.24	21.21		65.0	
		Z	7.83	77.41	21.08		65.0	
10264-CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	10.05	84.72	23.48	3.98	65.0	± 9.6 %
		Y	9.59	82.44	22.90		65.0	
		Z	9.99	84.26	23.44		65.0	
10265-CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	7.77	76.96	21.11	3.98	65.0	± 9.6 %
		Y	8.32	76.95	21.31		65.0	
		Z	7.94	77.03	21.24		65.0	
10266-CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	8.23	77.95	21.86	3.98	65.0	± 9.6 %
		Y	8.66	77.60	21.89		65.0	
		Z	8.37	77.92	21.95		65.0	
10267-CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	9.14	81.33	22.34	3.98	65.0	± 9.6 %
		Y	9.08	79.80	21.88		65.0	
		Z	9.15	80.97	22.27		65.0	
10268-CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	8.28	76.59	21.39	3.98	65.0	± 9.6 %
		Y	8.78	76.48	21.45		65.0	
		Z	8.43	76.60	21.46		65.0	
10269-CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	8.21	76.18	21.28	3.98	65.0	± 9.6 %
		Y	8.71	76.12	21.38		65.0	
		Z	8.36	76.19	21.36		65.0	
10270-CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	8.50	78.31	21.37	3.98	65.0	± 9.6 %
		Y	8.72	77.47	21.11		65.0	
		Z	8.58	78.11	21.34		65.0	

10274-CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.47	65.94	14.57	0.00	150.0	± 9.6 %
		Y	2.63	66.50	15.32		150.0	
		Z	2.53	66.03	14.81		150.0	
10275-CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	X	1.44	66.22	14.17	0.00	150.0	± 9.6 %
		Y	1.67	68.26	15.67		150.0	
		Z	1.51	66.69	14.59		150.0	
10277-CAA	PHS (QPSK)	X	4.33	66.71	11.48	9.03	50.0	± 9.6 %
		Y	6.15	70.64	14.98		50.0	
		Z	4.74	67.68	12.36		50.0	
10278-CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	X	7.81	77.29	18.58	9.03	50.0	± 9.6 %
		Y	9.15	79.24	20.78		50.0	
		Z	8.54	78.77	19.60		50.0	
10279-CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	X	7.93	77.47	18.68	9.03	50.0	± 9.6 %
		Y	9.31	79.44	20.87		50.0	
		Z	8.68	78.95	19.70		50.0	
10290-AAB	CDMA2000, RC1, SO55, Full Rate	X	1.13	65.57	11.82	0.00	150.0	± 9.6 %
		Y	1.61	69.49	14.83		150.0	
		Z	1.28	66.68	12.80		150.0	
10291-AAB	CDMA2000, RC3, SO55, Full Rate	X	0.66	63.21	10.32	0.00	150.0	± 9.6 %
		Y	0.91	66.51	13.26		150.0	
		Z	0.74	64.03	11.21		150.0	
10292-AAB	CDMA2000, RC3, SO32, Full Rate	X	0.74	65.25	11.76	0.00	150.0	± 9.6 %
		Y	1.12	70.35	15.50		150.0	
		Z	0.84	66.45	12.83		150.0	
10293-AAB	CDMA2000, RC3, SO3, Full Rate	X	0.95	68.31	13.72	0.00	150.0	± 9.6 %
		Y	1.55	75.23	18.07		150.0	
		Z	1.09	69.98	14.96		150.0	
10295-AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	X	12.11	86.74	24.46	9.03	50.0	± 9.6 %
		Y	10.43	82.76	23.86		50.0	
		Z	11.51	85.80	24.46		50.0	
10297-AAC	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	2.54	68.44	15.63	0.00	150.0	± 9.6 %
		Y	2.88	70.10	16.62		150.0	
		Z	2.65	68.86	15.90		150.0	
10298-AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	1.32	65.46	12.43	0.00	150.0	± 9.6 %
		Y	1.75	68.52	14.93		150.0	
		Z	1.46	66.37	13.28		150.0	
10299-AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	2.54	69.20	13.80	0.00	150.0	± 9.6 %
		Y	3.80	74.14	16.99		150.0	
		Z	2.86	70.52	14.83		150.0	
10300-AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	1.93	65.01	11.07	0.00	150.0	± 9.6 %
		Y	2.76	68.72	13.93		150.0	
		Z	2.16	66.01	12.01		150.0	
10301-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	X	5.32	67.49	18.08	4.17	80.0	± 9.6 %
		Y	5.89	68.64	18.91		80.0	
		Z	5.45	67.61	18.29		80.0	
10302-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	X	5.78	68.03	18.79	4.96	80.0	± 9.6 %
		Y	6.52	69.89	20.04		80.0	
		Z	5.91	68.17	19.00		80.0	

10303-AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	X	5.59	67.95	18.74	4.96	80.0	± 9.6 %
		Y	6.42	70.15	20.19		80.0	
		Z	5.74	68.13	18.99		80.0	
10304-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	X	5.29	67.40	18.02	4.17	80.0	± 9.6 %
		Y	5.95	69.11	19.19		80.0	
		Z	5.41	67.52	18.23		80.0	
10305-AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	X	7.11	77.24	23.60	6.02	50.0	± 9.6 %
		Y	8.84	79.94	24.96		50.0	
		Z	7.43	78.03	24.25		50.0	
10306-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	X	5.77	69.91	20.22	6.02	50.0	± 9.6 %
		Y	7.32	74.38	22.84		50.0	
		Z	5.96	70.26	20.60		50.0	
10307-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	X	6.28	73.17	21.91	6.02	50.0	± 9.6 %
		Y	7.57	75.42	23.10		50.0	
		Z	6.51	73.71	22.40		50.0	
10308-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	X	6.38	73.80	22.22	6.02	50.0	± 9.6 %
		Y	7.71	76.06	23.38		50.0	
		Z	6.62	74.34	22.70		50.0	
10309-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	X	5.84	70.15	20.38	6.02	50.0	± 9.6 %
		Y	7.47	74.77	23.04		50.0	
		Z	6.05	70.54	20.77		50.0	
10310-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	5.76	70.08	20.22	6.02	50.0	± 9.6 %
		Y	7.39	74.75	22.90		50.0	
		Z	5.95	70.44	20.60		50.0	
10311-AAC	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	2.88	67.82	15.36	0.00	150.0	± 9.6 %
		Y	3.24	69.40	16.27		150.0	
		Z	2.99	68.21	15.61		150.0	
10313-AAA	iDEN 1:3	X	6.98	77.79	17.99	6.99	70.0	± 9.6 %
		Y	7.35	77.62	18.55		70.0	
		Z	7.10	77.83	18.14		70.0	
10314-AAA	iDEN 1:6	X	10.47	86.66	23.65	10.00	30.0	± 9.6 %
		Y	8.79	81.86	22.43		30.0	
		Z	10.14	85.77	23.45		30.0	
10315-AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	1.08	63.51	14.40	0.17	150.0	± 9.6 %
		Y	1.16	64.75	15.55		150.0	
		Z	1.10	63.77	14.71		150.0	
10316-AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	X	4.55	66.75	16.09	0.17	150.0	± 9.6 %
		Y	4.74	66.99	16.40		150.0	
		Z	4.63	66.78	16.20		150.0	
10317-AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	X	4.55	66.75	16.09	0.17	150.0	± 9.6 %
		Y	4.74	66.99	16.40		150.0	
		Z	4.63	66.78	16.20		150.0	
10400-AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	X	4.61	66.92	15.98	0.00	150.0	± 9.6 %
		Y	4.83	67.21	16.30		150.0	
		Z	4.70	66.97	16.10		150.0	
10401-AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	X	5.33	67.20	16.22	0.00	150.0	± 9.6 %
		Y	5.47	67.31	16.40		150.0	
		Z	5.40	67.21	16.30		150.0	

10402-AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	X	5.57	67.46	16.21	0.00	150.0	± 9.6 %
		Y	5.76	67.80	16.49		150.0	
		Z	5.66	67.55	16.32		150.0	
10403-AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	1.13	65.57	11.82	0.00	115.0	± 9.6 %
		Y	1.61	69.49	14.83		115.0	
		Z	1.28	66.68	12.80		115.0	
10404-AAB	CDMA2000 (1xEV-DO, Rev. A)	X	1.13	65.57	11.82	0.00	115.0	± 9.6 %
		Y	1.61	69.49	14.83		115.0	
		Z	1.28	66.68	12.80		115.0	
10406-AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	X	88.62	118.42	29.12	0.00	100.0	± 9.6 %
		Y	100.00	121.65	30.84		100.0	
		Z	64.62	115.49	28.99		100.0	
10410-AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	X	100.00	119.91	29.89	3.23	80.0	± 9.6 %
		Y	100.00	119.37	30.35		80.0	
		Z	100.00	119.74	30.02		80.0	
10415-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	X	0.95	62.22	13.58	0.00	150.0	± 9.6 %
		Y	1.00	63.15	14.62		150.0	
		Z	0.96	62.40	13.86		150.0	
10416-AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	X	4.46	66.60	15.93	0.00	150.0	± 9.6 %
		Y	4.63	66.81	16.22		150.0	
		Z	4.53	66.62	16.04		150.0	
10417-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	X	4.46	66.60	15.93	0.00	150.0	± 9.6 %
		Y	4.63	66.81	16.22		150.0	
		Z	4.53	66.62	16.04		150.0	
10418-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	X	4.44	66.75	15.94	0.00	150.0	± 9.6 %
		Y	4.62	66.95	16.22		150.0	
		Z	4.52	66.76	16.04		150.0	
10419-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	X	4.47	66.70	15.95	0.00	150.0	± 9.6 %
		Y	4.64	66.91	16.23		150.0	
		Z	4.54	66.72	16.05		150.0	
10422-AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	4.58	66.71	15.97	0.00	150.0	± 9.6 %
		Y	4.77	66.92	16.25		150.0	
		Z	4.66	66.73	16.08		150.0	
10423-AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	X	4.74	67.02	16.09	0.00	150.0	± 9.6 %
		Y	4.97	67.29	16.39		150.0	
		Z	4.84	67.07	16.20		150.0	
10424-AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	X	4.67	66.97	16.06	0.00	150.0	± 9.6 %
		Y	4.88	67.23	16.36		150.0	
		Z	4.75	67.01	16.17		150.0	
10425-AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	X	5.27	67.32	16.28	0.00	150.0	± 9.6 %
		Y	5.44	67.54	16.51		150.0	
		Z	5.36	67.40	16.39		150.0	
10426-AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	X	5.28	67.36	16.29	0.00	150.0	± 9.6 %
		Y	5.45	67.57	16.52		150.0	
		Z	5.36	67.41	16.39		150.0	

10427-AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	X	5.29	67.32	16.27	0.00	150.0	± 9.6 %
		Y	5.47	67.58	16.52		150.0	
		Z	5.38	67.39	16.38		150.0	
10430-AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	X	4.07	70.23	17.55	0.00	150.0	± 9.6 %
		Y	4.27	70.06	17.88		150.0	
		Z	4.15	70.14	17.71		150.0	
10431-AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	X	4.11	67.04	15.84	0.00	150.0	± 9.6 %
		Y	4.36	67.35	16.27		150.0	
		Z	4.21	67.10	16.00		150.0	
10432-AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	X	4.43	66.98	15.97	0.00	150.0	± 9.6 %
		Y	4.65	67.26	16.32		150.0	
		Z	4.52	67.02	16.10		150.0	
10433-AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	X	4.68	67.00	16.07	0.00	150.0	± 9.6 %
		Y	4.89	67.27	16.38		150.0	
		Z	4.77	67.04	16.19		150.0	
10434-AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.12	70.89	17.41	0.00	150.0	± 9.6 %
		Y	4.34	70.74	17.85		150.0	
		Z	4.22	70.82	17.62		150.0	
10435-AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	119.71	29.80	3.23	80.0	± 9.6 %
		Y	100.00	119.22	30.28		80.0	
		Z	100.00	119.56	29.94		80.0	
10447-AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.37	66.82	14.98	0.00	150.0	± 9.6 %
		Y	3.67	67.36	15.75		150.0	
		Z	3.49	66.96	15.27		150.0	
10448-AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	X	3.96	66.81	15.69	0.00	150.0	± 9.6 %
		Y	4.18	67.12	16.13		150.0	
		Z	4.05	66.86	15.85		150.0	
10449-AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	X	4.24	66.79	15.86	0.00	150.0	± 9.6 %
		Y	4.44	67.08	16.21		150.0	
		Z	4.32	66.83	15.98		150.0	
10450-AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.44	66.75	15.91	0.00	150.0	± 9.6 %
		Y	4.62	67.02	16.23		150.0	
		Z	4.52	66.79	16.03		150.0	
10451-AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	X	3.24	66.86	14.51	0.00	150.0	± 9.6 %
		Y	3.59	67.61	15.48		150.0	
		Z	3.38	67.08	14.88		150.0	
10456-AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	X	6.15	67.91	16.46	0.00	150.0	± 9.6 %
		Y	6.30	68.18	16.69		150.0	
		Z	6.22	67.98	16.56		150.0	
10457-AAA	UMTS-FDD (DC-HSDPA)	X	3.73	65.25	15.62	0.00	150.0	± 9.6 %
		Y	3.83	65.45	15.95		150.0	
		Z	3.77	65.26	15.74		150.0	
10458-AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	X	3.76	70.07	16.73	0.00	150.0	± 9.6 %
		Y	3.96	69.90	17.32		150.0	
		Z	3.85	70.03	17.01		150.0	
10459-AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	X	4.92	68.09	17.69	0.00	150.0	± 9.6 %
		Y	5.09	67.55	17.82		150.0	
		Z	5.01	67.92	17.81		150.0	

10460-AAA	UMTS-FDD (WCDMA, AMR)	X	0.75	65.19	13.76	0.00	150.0	± 9.6 %
		Y	0.92	68.59	16.20		150.0	
		Z	0.79	65.92	14.36		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	123.79	31.74	3.29	80.0	± 9.6 %
		Y	100.00	122.12	31.69		80.0	
		Z	100.00	123.30	31.73		80.0	
10462-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	32.80	95.15	20.97	3.23	80.0	± 9.6 %
		Y	100.00	108.81	25.31		80.0	
		Z	69.50	103.52	23.30		80.0	
10463-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.39	75.30	14.79	3.23	80.0	± 9.6 %
		Y	43.22	97.24	21.98		80.0	
		Z	9.33	80.70	16.78		80.0	
10464-AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	121.52	30.54	3.23	80.0	± 9.6 %
		Y	100.00	120.38	30.74		80.0	
		Z	100.00	121.16	30.59		80.0	
10465-AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	14.77	86.68	18.69	3.23	80.0	± 9.6 %
		Y	100.00	108.39	25.10		80.0	
		Z	27.22	93.26	20.74		80.0	
10466-AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.02	72.31	13.72	3.23	80.0	± 9.6 %
		Y	24.89	91.04	20.33		80.0	
		Z	6.35	76.67	15.47		80.0	
10467-AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	121.77	30.65	3.23	80.0	± 9.6 %
		Y	100.00	120.56	30.82		80.0	
		Z	100.00	121.39	30.69		80.0	
10468-AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	17.84	88.71	19.26	3.23	80.0	± 9.6 %
		Y	100.00	108.52	25.16		80.0	
		Z	33.81	95.65	21.37		80.0	
10469-AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.05	72.41	13.75	3.23	80.0	± 9.6 %
		Y	25.54	91.32	20.40		80.0	
		Z	6.43	76.81	15.51		80.0	
10470-AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	121.79	30.65	3.23	80.0	± 9.6 %
		Y	100.00	120.58	30.82		80.0	
		Z	100.00	121.41	30.69		80.0	
10471-AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	17.61	88.54	19.20	3.23	80.0	± 9.6 %
		Y	100.00	108.47	25.13		80.0	
		Z	33.47	95.51	21.32		80.0	
10472-AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.02	72.32	13.71	3.23	80.0	± 9.6 %
		Y	25.57	91.31	20.39		80.0	
		Z	6.39	76.72	15.47		80.0	
10473-AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	121.76	30.64	3.23	80.0	± 9.6 %
		Y	100.00	120.56	30.81		80.0	
		Z	100.00	121.38	30.68		80.0	
10474-AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	17.32	88.38	19.16	3.23	80.0	± 9.6 %
		Y	100.00	108.48	25.14		80.0	
		Z	32.82	95.31	21.27		80.0	
10475-AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.99	72.26	13.69	3.23	80.0	± 9.6 %
		Y	25.19	91.16	20.35		80.0	
		Z	6.32	76.64	15.44		80.0	

10477-AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	15.07	86.86	18.72	3.23	80.0	± 9.6 %
		Y	100.00	108.34	25.07		80.0	
		Z	28.04	93.54	20.79		80.0	
10478-AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.95	72.14	13.64	3.23	80.0	± 9.6 %
		Y	24.77	90.95	20.29		80.0	
		Z	6.24	76.49	15.38		80.0	
10479-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	18.00	97.43	26.23	3.23	80.0	± 9.6 %
		Y	13.36	92.12	25.35		80.0	
		Z	14.86	94.42	25.64		80.0	
10480-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	15.57	89.49	22.03	3.23	80.0	± 9.6 %
		Y	14.49	88.43	22.68		80.0	
		Z	14.38	88.56	22.14		80.0	
10481-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	11.30	84.47	20.12	3.23	80.0	± 9.6 %
		Y	12.51	85.67	21.51		80.0	
		Z	11.33	84.56	20.56		80.0	
10482-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.07	74.15	17.16	2.23	80.0	± 9.6 %
		Y	5.81	78.45	19.63		80.0	
		Z	4.63	75.76	18.13		80.0	
10483-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	6.76	77.89	18.30	2.23	80.0	± 9.6 %
		Y	8.61	81.09	20.48		80.0	
		Z	7.45	79.28	19.22		80.0	
10484-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	6.10	76.33	17.74	2.23	80.0	± 9.6 %
		Y	8.03	79.88	20.06		80.0	
		Z	6.80	77.82	18.72		80.0	
10485-AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.67	76.32	18.94	2.23	80.0	± 9.6 %
		Y	6.01	79.09	20.51		80.0	
		Z	5.06	77.24	19.52		80.0	
10486-AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.00	71.17	16.48	2.23	80.0	± 9.6 %
		Y	4.90	73.23	18.04		80.0	
		Z	4.29	71.91	17.09		80.0	
10487-AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.96	70.71	16.28	2.23	80.0	± 9.6 %
		Y	4.86	72.77	17.85		80.0	
		Z	4.25	71.45	16.90		80.0	
10488-AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.80	75.39	19.35	2.23	80.0	± 9.6 %
		Y	5.90	77.41	20.35		80.0	
		Z	5.11	75.98	19.69		80.0	
10489-AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.30	71.16	17.75	2.23	80.0	± 9.6 %
		Y	4.95	72.31	18.56		80.0	
		Z	4.48	71.46	18.03		80.0	
10490-AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.37	70.93	17.67	2.23	80.0	± 9.6 %
		Y	5.00	71.98	18.45		80.0	
		Z	4.55	71.20	17.95		80.0	
10491-AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.81	73.40	18.77	2.23	80.0	± 9.6 %
		Y	5.66	74.90	19.51		80.0	
		Z	5.05	73.81	19.01		80.0	
10492-AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.58	70.26	17.73	2.23	80.0	± 9.6 %
		Y	5.15	71.20	18.35		80.0	
		Z	4.74	70.48	17.94		80.0	

10493-AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.63	70.09	17.67	2.23	80.0	± 9.6 %
		Y	5.20	70.99	18.28		80.0	
		Z	4.79	70.31	17.88		80.0	
10494-AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.26	74.92	19.20	2.23	80.0	± 9.6 %
		Y	6.31	76.72	20.02		80.0	
		Z	5.56	75.45	19.47		80.0	
10495-AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.63	70.67	17.93	2.23	80.0	± 9.6 %
		Y	5.25	71.75	18.56		80.0	
		Z	4.81	70.95	18.14		80.0	
10496-AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.69	70.35	17.84	2.23	80.0	± 9.6 %
		Y	5.28	71.32	18.43		80.0	
		Z	4.85	70.59	18.04		80.0	
10497-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.80	69.04	14.16	2.23	80.0	± 9.6 %
		Y	4.67	75.26	17.80		80.0	
		Z	3.38	71.31	15.55		80.0	
10498-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.04	63.14	10.52	2.23	80.0	± 9.6 %
		Y	3.54	68.97	14.46		80.0	
		Z	2.48	65.07	11.94		80.0	
10499-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.97	62.57	10.11	2.23	80.0	± 9.6 %
		Y	3.46	68.37	14.08		80.0	
		Z	2.40	64.45	11.52		80.0	
10500-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.63	75.63	19.00	2.23	80.0	± 9.6 %
		Y	5.77	77.85	20.27		80.0	
		Z	4.95	76.31	19.46		80.0	
10501-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.15	71.24	16.99	2.23	80.0	± 9.6 %
		Y	4.91	72.75	18.19		80.0	
		Z	4.38	71.72	17.45		80.0	
10502-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.19	71.02	16.85	2.23	80.0	± 9.6 %
		Y	4.94	72.49	18.05		80.0	
		Z	4.41	71.50	17.31		80.0	
10503-AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.74	75.17	19.25	2.23	80.0	± 9.6 %
		Y	5.83	77.22	20.27		80.0	
		Z	5.04	75.77	19.59		80.0	
10504-AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.28	71.06	17.69	2.23	80.0	± 9.6 %
		Y	4.93	72.23	18.51		80.0	
		Z	4.45	71.37	17.98		80.0	
10505-AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.35	70.83	17.62	2.23	80.0	± 9.6 %
		Y	4.98	71.89	18.41		80.0	
		Z	4.52	71.11	17.90		80.0	
10506-AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.22	74.76	19.13	2.23	80.0	± 9.6 %
		Y	6.26	76.58	19.96		80.0	
		Z	5.51	75.29	19.40		80.0	
10507-AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.62	70.61	17.89	2.23	80.0	± 9.6 %
		Y	5.23	71.69	18.53		80.0	
		Z	4.79	70.89	18.11		80.0	

10508-AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.67	70.27	17.79	2.23	80.0	± 9.6 %
		Y	5.26	71.26	18.40		80.0	
		Z	4.84	70.52	18.00		80.0	
10509-AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.37	73.08	18.53	2.23	80.0	± 9.6 %
		Y	6.17	74.40	19.15		80.0	
		Z	5.59	73.44	18.73		80.0	
10510-AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.06	70.14	17.83	2.23	80.0	± 9.6 %
		Y	5.64	71.11	18.37		80.0	
		Z	5.23	70.39	18.01		80.0	
10511-AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.10	69.87	17.77	2.23	80.0	± 9.6 %
		Y	5.65	70.75	18.27		80.0	
		Z	5.26	70.08	17.94		80.0	
10512-AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.71	74.71	19.00	2.23	80.0	± 9.6 %
		Y	6.73	76.43	19.76		80.0	
		Z	6.00	75.21	19.25		80.0	
10513-AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.97	70.47	17.95	2.23	80.0	± 9.6 %
		Y	5.59	71.60	18.54		80.0	
		Z	5.15	70.78	18.15		80.0	
10514-AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.97	70.02	17.83	2.23	80.0	± 9.6 %
		Y	5.54	71.04	18.38		80.0	
		Z	5.13	70.28	18.01		80.0	
10515-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	0.91	62.31	13.57	0.00	150.0	± 9.6 %
		Y	0.96	63.34	14.68		150.0	
		Z	0.92	62.52	13.87		150.0	
10516-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	0.44	65.20	13.42	0.00	150.0	± 9.6 %
		Y	0.63	71.46	17.49		150.0	
		Z	0.47	66.36	14.27		150.0	
10517-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.74	63.39	13.61	0.00	150.0	± 9.6 %
		Y	0.82	65.40	15.35		150.0	
		Z	0.76	63.83	14.06		150.0	
10518-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	X	4.45	66.67	15.90	0.00	150.0	± 9.6 %
		Y	4.63	66.88	16.20		150.0	
		Z	4.52	66.69	16.01		150.0	
10519-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	X	4.63	66.90	16.03	0.00	150.0	± 9.6 %
		Y	4.84	67.17	16.34		150.0	
		Z	4.72	66.95	16.14		150.0	
10520-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	4.48	66.84	15.93	0.00	150.0	± 9.6 %
		Y	4.69	67.14	16.27		150.0	
		Z	4.56	66.89	16.06		150.0	
10521-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.41	66.82	15.91	0.00	150.0	± 9.6 %
		Y	4.62	67.15	16.25		150.0	
		Z	4.50	66.88	16.04		150.0	
10522-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.47	66.93	16.01	0.00	150.0	± 9.6 %
		Y	4.67	67.14	16.29		150.0	
		Z	4.56	66.96	16.12		150.0	

10523-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.35	66.79	15.85	0.00	150.0	± 9.6 %
		Y	4.54	67.03	16.15		150.0	
		Z	4.43	66.81	15.95		150.0	
10524-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	X	4.41	66.84	15.97	0.00	150.0	± 9.6 %
		Y	4.62	67.10	16.28		150.0	
		Z	4.50	66.88	16.08		150.0	
10525-AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	X	4.40	65.89	15.57	0.00	150.0	± 9.6 %
		Y	4.58	66.12	15.86		150.0	
		Z	4.48	65.92	15.67		150.0	
10526-AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	X	4.56	66.24	15.71	0.00	150.0	± 9.6 %
		Y	4.78	66.52	16.01		150.0	
		Z	4.65	66.29	15.82		150.0	
10527-AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	X	4.48	66.19	15.64	0.00	150.0	± 9.6 %
		Y	4.69	66.49	15.96		150.0	
		Z	4.57	66.24	15.76		150.0	
10528-AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	X	4.50	66.21	15.67	0.00	150.0	± 9.6 %
		Y	4.71	66.51	15.99		150.0	
		Z	4.59	66.26	15.79		150.0	
10529-AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	X	4.50	66.21	15.67	0.00	150.0	± 9.6 %
		Y	4.71	66.51	15.99		150.0	
		Z	4.59	66.26	15.79		150.0	
10531-AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	X	4.48	66.29	15.67	0.00	150.0	± 9.6 %
		Y	4.72	66.66	16.02		150.0	
		Z	4.58	66.37	15.80		150.0	
10532-AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	4.35	66.14	15.60	0.00	150.0	± 9.6 %
		Y	4.57	66.52	15.96		150.0	
		Z	4.44	66.22	15.73		150.0	
10533-AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	4.51	66.26	15.66	0.00	150.0	± 9.6 %
		Y	4.72	66.54	15.97		150.0	
		Z	4.60	66.30	15.77		150.0	
10534-AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	X	5.04	66.36	15.78	0.00	150.0	± 9.6 %
		Y	5.23	66.67	16.05		150.0	
		Z	5.12	66.43	15.88		150.0	
10535-AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	X	5.11	66.54	15.86	0.00	150.0	± 9.6 %
		Y	5.29	66.81	16.11		150.0	
		Z	5.19	66.60	15.96		150.0	
10536-AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	4.98	66.48	15.81	0.00	150.0	± 9.6 %
		Y	5.16	66.79	16.08		150.0	
		Z	5.06	66.54	15.91		150.0	
10537-AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	X	5.04	66.45	15.80	0.00	150.0	± 9.6 %
		Y	5.23	66.77	16.07		150.0	
		Z	5.12	66.52	15.90		150.0	
10538-AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	X	5.12	66.48	15.85	0.00	150.0	± 9.6 %
		Y	5.34	66.84	16.15		150.0	
		Z	5.21	66.56	15.97		150.0	
10540-AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	X	5.06	66.49	15.87	0.00	150.0	± 9.6 %
		Y	5.24	66.78	16.14		150.0	
		Z	5.14	66.56	15.98		150.0	

10541-AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	X	5.03	66.36	15.80	0.00	150.0	± 9.6 %
		Y	5.22	66.69	16.09		150.0	
		Z	5.11	66.43	15.91		150.0	
10542-AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	X	5.19	66.45	15.86	0.00	150.0	± 9.6 %
		Y	5.38	66.74	16.13		150.0	
		Z	5.27	66.51	15.96		150.0	
10543-AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.26	66.49	15.90	0.00	150.0	± 9.6 %
		Y	5.46	66.76	16.15		150.0	
		Z	5.35	66.56	16.01		150.0	
10544-AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	X	5.36	66.50	15.80	0.00	150.0	± 9.6 %
		Y	5.51	66.78	16.04		150.0	
		Z	5.43	66.56	15.89		150.0	
10545-AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	5.55	66.91	15.95	0.00	150.0	± 9.6 %
		Y	5.72	67.18	16.18		150.0	
		Z	5.63	66.98	16.05		150.0	
10546-AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	X	5.42	66.69	15.85	0.00	150.0	± 9.6 %
		Y	5.60	67.06	16.14		150.0	
		Z	5.50	66.79	15.97		150.0	
10547-AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.49	66.74	15.87	0.00	150.0	± 9.6 %
		Y	5.69	67.14	16.17		150.0	
		Z	5.57	66.83	15.98		150.0	
10548-AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	5.71	67.58	16.27	0.00	150.0	± 9.6 %
		Y	5.97	68.14	16.64		150.0	
		Z	5.85	67.84	16.46		150.0	
10550-AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	X	5.45	66.72	15.88	0.00	150.0	± 9.6 %
		Y	5.62	67.01	16.12		150.0	
		Z	5.52	66.78	15.98		150.0	
10551-AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	X	5.45	66.76	15.86	0.00	150.0	± 9.6 %
		Y	5.63	67.09	16.12		150.0	
		Z	5.53	66.83	15.96		150.0	
10552-AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	5.37	66.57	15.77	0.00	150.0	± 9.6 %
		Y	5.54	66.86	16.03		150.0	
		Z	5.44	66.62	15.86		150.0	
10553-AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.45	66.60	15.82	0.00	150.0	± 9.6 %
		Y	5.63	66.92	16.08		150.0	
		Z	5.53	66.67	15.92		150.0	
10554-AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	5.77	66.88	15.90	0.00	150.0	± 9.6 %
		Y	5.91	67.16	16.14		150.0	
		Z	5.83	66.94	15.99		150.0	
10555-AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	5.89	67.17	16.02	0.00	150.0	± 9.6 %
		Y	6.05	67.48	16.27		150.0	
		Z	5.97	67.24	16.12		150.0	
10556-AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	X	5.91	67.21	16.04	0.00	150.0	± 9.6 %
		Y	6.07	67.50	16.28		150.0	
		Z	5.99	67.29	16.14		150.0	
10557-AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	5.88	67.11	16.01	0.00	150.0	± 9.6 %
		Y	6.05	67.46	16.28		150.0	
		Z	5.96	67.20	16.11		150.0	

10558-AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	5.92	67.27	16.10	0.00	150.0	± 9.6 %
		Y	6.11	67.65	16.38		150.0	
		Z	6.01	67.37	16.21		150.0	
10560-AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	5.92	67.13	16.07	0.00	150.0	± 9.6 %
		Y	6.10	67.49	16.34		150.0	
		Z	6.00	67.22	16.18		150.0	
10561-AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	5.85	67.10	16.09	0.00	150.0	± 9.6 %
		Y	6.02	67.44	16.36		150.0	
		Z	5.92	67.18	16.20		150.0	
10562-AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	X	5.95	67.44	16.26	0.00	150.0	± 9.6 %
		Y	6.17	67.91	16.60		150.0	
		Z	6.06	67.60	16.40		150.0	
10563-AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	X	6.12	67.56	16.28	0.00	150.0	± 9.6 %
		Y	6.49	68.42	16.80		150.0	
		Z	6.36	68.10	16.61		150.0	
10564-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	X	4.79	66.81	16.11	0.46	150.0	± 9.6 %
		Y	4.97	67.04	16.41		150.0	
		Z	4.86	66.83	16.22		150.0	
10565-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	X	5.01	67.24	16.43	0.46	150.0	± 9.6 %
		Y	5.23	67.50	16.72		150.0	
		Z	5.10	67.28	16.54		150.0	
10566-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	X	4.84	67.08	16.24	0.46	150.0	± 9.6 %
		Y	5.06	67.38	16.56		150.0	
		Z	4.93	67.13	16.35		150.0	
10567-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	X	4.87	67.44	16.58	0.46	150.0	± 9.6 %
		Y	5.08	67.73	16.87		150.0	
		Z	4.96	67.49	16.69		150.0	
10568-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	X	4.76	66.89	16.03	0.46	150.0	± 9.6 %
		Y	4.98	67.15	16.34		150.0	
		Z	4.85	66.93	16.14		150.0	
10569-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	X	4.83	67.56	16.65	0.46	150.0	± 9.6 %
		Y	5.02	67.75	16.89		150.0	
		Z	4.91	67.57	16.74		150.0	
10570-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	X	4.86	67.40	16.58	0.46	150.0	± 9.6 %
		Y	5.07	67.61	16.84		150.0	
		Z	4.95	67.42	16.68		150.0	
10571-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	X	1.23	64.77	15.07	0.46	130.0	± 9.6 %
		Y	1.36	66.29	16.29		130.0	
		Z	1.26	65.09	15.40		130.0	
10572-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.25	65.30	15.38	0.46	130.0	± 9.6 %
		Y	1.39	66.93	16.65		130.0	
		Z	1.28	65.66	15.73		130.0	
10573-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	1.67	78.46	19.14	0.46	130.0	± 9.6 %
		Y	5.69	97.67	26.24		130.0	
		Z	2.12	82.08	20.66		130.0	
10574-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	1.35	70.14	17.64	0.46	130.0	± 9.6 %
		Y	1.67	73.70	19.74		130.0	
		Z	1.43	71.03	18.22		130.0	

10575-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	X	4.61	66.70	16.21	0.46	130.0	± 9.6 %
		Y	4.80	66.93	16.52		130.0	
		Z	4.68	66.72	16.32		130.0	
10576-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	X	4.63	66.85	16.27	0.46	130.0	± 9.6 %
		Y	4.82	67.07	16.57		130.0	
		Z	4.71	66.87	16.38		130.0	
10577-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	X	4.82	67.13	16.44	0.46	130.0	± 9.6 %
		Y	5.05	67.39	16.75		130.0	
		Z	4.91	67.17	16.55		130.0	
10578-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	X	4.72	67.27	16.53	0.46	130.0	± 9.6 %
		Y	4.94	67.55	16.83		130.0	
		Z	4.81	67.32	16.64		130.0	
10579-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	X	4.50	66.59	15.86	0.46	130.0	± 9.6 %
		Y	4.73	66.98	16.24		130.0	
		Z	4.59	66.66	15.99		130.0	
10580-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	X	4.54	66.63	15.89	0.46	130.0	± 9.6 %
		Y	4.77	66.95	16.24		130.0	
		Z	4.63	66.68	16.01		130.0	
10581-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	X	4.63	67.32	16.48	0.46	130.0	± 9.6 %
		Y	4.85	67.63	16.79		130.0	
		Z	4.71	67.36	16.59		130.0	
10582-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	X	4.44	66.35	15.65	0.46	130.0	± 9.6 %
		Y	4.68	66.75	16.05		130.0	
		Z	4.53	66.43	15.79		130.0	
10583-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.61	66.70	16.21	0.46	130.0	± 9.6 %
		Y	4.80	66.93	16.52		130.0	
		Z	4.68	66.72	16.32		130.0	
10584-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.63	66.85	16.27	0.46	130.0	± 9.6 %
		Y	4.82	67.07	16.57		130.0	
		Z	4.71	66.87	16.38		130.0	
10585-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	4.82	67.13	16.44	0.46	130.0	± 9.6 %
		Y	5.05	67.39	16.75		130.0	
		Z	4.91	67.17	16.55		130.0	
10586-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	4.72	67.27	16.53	0.46	130.0	± 9.6 %
		Y	4.94	67.55	16.83		130.0	
		Z	4.81	67.32	16.64		130.0	
10587-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	4.50	66.59	15.86	0.46	130.0	± 9.6 %
		Y	4.73	66.98	16.24		130.0	
		Z	4.59	66.66	15.99		130.0	
10588-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	4.54	66.63	15.89	0.46	130.0	± 9.6 %
		Y	4.77	66.95	16.24		130.0	
		Z	4.63	66.68	16.01		130.0	
10589-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	X	4.63	67.32	16.48	0.46	130.0	± 9.6 %
		Y	4.85	67.63	16.79		130.0	
		Z	4.71	67.36	16.59		130.0	
10590-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X	4.44	66.35	15.65	0.46	130.0	± 9.6 %
		Y	4.68	66.75	16.05		130.0	
		Z	4.53	66.43	15.79		130.0	

10591-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.76	66.76	16.32	0.46	130.0	± 9.6 %
		Y	4.94	66.97	16.60		130.0	
		Z	4.83	66.78	16.42		130.0	
10592-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	4.90	67.08	16.45	0.46	130.0	± 9.6 %
		Y	5.12	67.31	16.72		130.0	
		Z	4.99	67.11	16.55		130.0	
10593-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	X	4.82	66.99	16.32	0.46	130.0	± 9.6 %
		Y	5.05	67.27	16.64		130.0	
		Z	4.91	67.03	16.44		130.0	
10594-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	4.88	67.15	16.48	0.46	130.0	± 9.6 %
		Y	5.10	67.41	16.77		130.0	
		Z	4.97	67.19	16.59		130.0	
10595-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	4.85	67.11	16.38	0.46	130.0	± 9.6 %
		Y	5.07	67.38	16.68		130.0	
		Z	4.94	67.14	16.49		130.0	
10596-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	X	4.78	67.10	16.38	0.46	130.0	± 9.6 %
		Y	5.01	67.39	16.68		130.0	
		Z	4.87	67.15	16.49		130.0	
10597-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	X	4.73	67.00	16.26	0.46	130.0	± 9.6 %
		Y	4.96	67.33	16.59		130.0	
		Z	4.82	67.06	16.38		130.0	
10598-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	4.72	67.22	16.51	0.46	130.0	± 9.6 %
		Y	4.94	67.55	16.83		130.0	
		Z	4.80	67.28	16.63		130.0	
10599-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.42	67.30	16.55	0.46	130.0	± 9.6 %
		Y	5.61	67.56	16.80		130.0	
		Z	5.49	67.33	16.64		130.0	
10600-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	5.55	67.70	16.72	0.46	130.0	± 9.6 %
		Y	5.79	68.09	17.04		130.0	
		Z	5.65	67.82	16.85		130.0	
10601-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	5.44	67.45	16.61	0.46	130.0	± 9.6 %
		Y	5.65	67.77	16.89		130.0	
		Z	5.53	67.53	16.73		130.0	
10602-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	X	5.54	67.51	16.57	0.46	130.0	± 9.6 %
		Y	5.74	67.78	16.82		130.0	
		Z	5.62	67.54	16.66		130.0	
10603-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.61	67.77	16.83	0.46	130.0	± 9.6 %
		Y	5.83	68.07	17.09		130.0	
		Z	5.70	67.85	16.93		130.0	
10604-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	X	5.45	67.33	16.59	0.46	130.0	± 9.6 %
		Y	5.61	67.51	16.80		130.0	
		Z	5.50	67.29	16.64		130.0	
10605-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	5.54	67.60	16.73	0.46	130.0	± 9.6 %
		Y	5.71	67.82	16.96		130.0	
		Z	5.62	67.65	16.83		130.0	
10606-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	X	5.28	66.92	16.25	0.46	130.0	± 9.6 %
		Y	5.50	67.32	16.58		130.0	
		Z	5.38	67.07	16.40		130.0	

10607-AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.59	66.03	15.92	0.46	130.0	± 9.6 %
		Y	4.77	66.25	16.20		130.0	
		Z	4.66	66.05	16.02		130.0	
10608-AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.76	66.42	16.08	0.46	130.0	± 9.6 %
		Y	4.98	66.67	16.36		130.0	
		Z	4.85	66.45	16.18		130.0	
10609-AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	X	4.65	66.26	15.92	0.46	130.0	± 9.6 %
		Y	4.87	66.56	16.23		130.0	
		Z	4.74	66.31	16.03		130.0	
10610-AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	X	4.70	66.42	16.08	0.46	130.0	± 9.6 %
		Y	4.92	66.71	16.38		130.0	
		Z	4.79	66.46	16.19		130.0	
10611-AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	4.62	66.23	15.93	0.46	130.0	± 9.6 %
		Y	4.85	66.54	16.25		130.0	
		Z	4.71	66.28	16.04		130.0	
10612-AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	4.63	66.38	15.97	0.46	130.0	± 9.6 %
		Y	4.86	66.70	16.29		130.0	
		Z	4.72	66.43	16.08		130.0	
10613-AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	4.63	66.26	15.85	0.46	130.0	± 9.6 %
		Y	4.88	66.63	16.20		130.0	
		Z	4.73	66.34	15.98		130.0	
10614-AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	4.57	66.43	16.07	0.46	130.0	± 9.6 %
		Y	4.80	66.78	16.40		130.0	
		Z	4.66	66.50	16.19		130.0	
10615-AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	4.62	66.08	15.71	0.46	130.0	± 9.6 %
		Y	4.85	66.39	16.04		130.0	
		Z	4.71	66.12	15.83		130.0	
10616-AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	5.23	66.50	16.13	0.46	130.0	± 9.6 %
		Y	5.42	66.79	16.39		130.0	
		Z	5.31	66.56	16.23		130.0	
10617-AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	X	5.30	66.69	16.20	0.46	130.0	± 9.6 %
		Y	5.47	66.89	16.41		130.0	
		Z	5.37	66.73	16.29		130.0	
10618-AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	5.18	66.68	16.21	0.46	130.0	± 9.6 %
		Y	5.37	66.96	16.46		130.0	
		Z	5.26	66.73	16.30		130.0	
10619-AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.20	66.49	16.05	0.46	130.0	± 9.6 %
		Y	5.40	66.81	16.33		130.0	
		Z	5.29	66.58	16.16		130.0	
10620-AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.28	66.53	16.12	0.46	130.0	± 9.6 %
		Y	5.51	66.90	16.42		130.0	
		Z	5.38	66.62	16.24		130.0	
10621-AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.29	66.66	16.30	0.46	130.0	± 9.6 %
		Y	5.48	66.94	16.55		130.0	
		Z	5.37	66.71	16.39		130.0	
10622-AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	5.30	66.81	16.37	0.46	130.0	± 9.6 %
		Y	5.48	67.05	16.60		130.0	
		Z	5.38	66.87	16.47		130.0	

10623-AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.18	66.36	16.02	0.46	130.0	± 9.6 %
		Y	5.37	66.67	16.30		130.0	
		Z	5.26	66.42	16.12		130.0	
10624-AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	X	5.37	66.56	16.19	0.46	130.0	± 9.6 %
		Y	5.56	66.83	16.44		130.0	
		Z	5.45	66.62	16.29		130.0	
10625-AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	5.70	67.43	16.67	0.46	130.0	± 9.6 %
		Y	5.96	67.86	17.00		130.0	
		Z	5.85	67.68	16.87		130.0	
10626-AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.53	66.58	16.10	0.46	130.0	± 9.6 %
		Y	5.67	66.83	16.33		130.0	
		Z	5.59	66.62	16.19		130.0	
10627-AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	5.76	67.13	16.34	0.46	130.0	± 9.6 %
		Y	5.92	67.36	16.55		130.0	
		Z	5.84	67.20	16.44		130.0	
10628-AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.55	66.65	16.04	0.46	130.0	± 9.6 %
		Y	5.74	67.01	16.32		130.0	
		Z	5.64	66.75	16.15		130.0	
10629-AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	5.63	66.70	16.06	0.46	130.0	± 9.6 %
		Y	5.82	67.06	16.34		130.0	
		Z	5.73	66.85	16.20		130.0	
10630-AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	X	6.02	68.08	16.75	0.46	130.0	± 9.6 %
		Y	6.35	68.81	17.22		130.0	
		Z	6.21	68.47	17.01		130.0	
10631-AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	5.93	67.91	16.85	0.46	130.0	± 9.6 %
		Y	6.22	68.49	17.23		130.0	
		Z	6.07	68.13	17.02		130.0	
10632-AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	X	5.73	67.18	16.51	0.46	130.0	± 9.6 %
		Y	5.89	67.41	16.70		130.0	
		Z	5.80	67.23	16.59		130.0	
10633-AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	5.62	66.81	16.15	0.46	130.0	± 9.6 %
		Y	5.83	67.22	16.45		130.0	
		Z	5.70	66.89	16.25		130.0	
10634-AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	5.60	66.83	16.22	0.46	130.0	± 9.6 %
		Y	5.80	67.20	16.49		130.0	
		Z	5.68	66.91	16.32		130.0	
10635-AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.49	66.20	15.64	0.46	130.0	± 9.6 %
		Y	5.70	66.62	15.97		130.0	
		Z	5.57	66.30	15.76		130.0	
10636-AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	5.94	66.94	16.20	0.46	130.0	± 9.6 %
		Y	6.08	67.21	16.43		130.0	
		Z	6.01	67.01	16.29		130.0	
10637-AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	6.09	67.31	16.37	0.46	130.0	± 9.6 %
		Y	6.25	67.59	16.60		130.0	
		Z	6.17	67.39	16.47		130.0	
10638-AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	6.09	67.29	16.33	0.46	130.0	± 9.6 %
		Y	6.24	67.57	16.56		130.0	
		Z	6.16	67.36	16.43		130.0	

10639-AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	6.07	67.23	16.35	0.46	130.0	± 9.6 %
		Y	6.24	67.58	16.61		130.0	
		Z	6.15	67.32	16.46		130.0	
10640-AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	6.07	67.24	16.30	0.46	130.0	± 9.6 %
		Y	6.27	67.66	16.60		130.0	
		Z	6.16	67.36	16.42		130.0	
10641-AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	X	6.12	67.17	16.28	0.46	130.0	± 9.6 %
		Y	6.27	67.42	16.50		130.0	
		Z	6.19	67.22	16.37		130.0	
10642-AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	X	6.15	67.40	16.56	0.46	130.0	± 9.6 %
		Y	6.33	67.71	16.80		130.0	
		Z	6.23	67.48	16.66		130.0	
10643-AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	6.00	67.10	16.31	0.46	130.0	± 9.6 %
		Y	6.17	67.42	16.57		130.0	
		Z	6.07	67.18	16.41		130.0	
10644-AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	6.14	67.54	16.55	0.46	130.0	± 9.6 %
		Y	6.39	68.09	16.93		130.0	
		Z	6.25	67.74	16.71		130.0	
10645-AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	X	6.37	67.87	16.68	0.46	130.0	± 9.6 %
		Y	6.75	68.70	17.18		130.0	
		Z	6.71	68.64	17.12		130.0	
10646-AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	52.73	128.49	41.99	9.30	60.0	± 9.6 %
		Y	32.04	112.77	37.15		60.0	
		Z	46.55	124.28	40.70		60.0	
10647-AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	X	50.70	128.57	42.19	9.30	60.0	± 9.6 %
		Y	33.96	114.91	37.91		60.0	
		Z	46.47	125.17	41.11		60.0	
10648-AAA	CDMA2000 (1x Advanced)	X	0.58	61.87	9.06	0.00	150.0	± 9.6 %
		Y	0.76	64.26	11.57		150.0	
		Z	0.64	62.51	9.86		150.0	
10652-AAB	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	4.10	68.19	16.78	2.23	80.0	± 9.6 %
		Y	4.52	68.90	17.43		80.0	
		Z	4.21	68.32	17.00		80.0	
10653-AAB	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	4.60	67.52	16.98	2.23	80.0	± 9.6 %
		Y	4.98	68.15	17.48		80.0	
		Z	4.71	67.63	17.14		80.0	
10654-AAB	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	X	4.57	67.19	17.00	2.23	80.0	± 9.6 %
		Y	4.91	67.83	17.47		80.0	
		Z	4.66	67.30	17.15		80.0	
10655-AAB	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.63	67.17	17.04	2.23	80.0	± 9.6 %
		Y	4.97	67.86	17.52		80.0	
		Z	4.72	67.30	17.19		80.0	
10658-AAA	Pulse Waveform (200Hz, 10%)	X	21.51	94.36	24.67	10.00	50.0	± 9.6 %
		Y	11.91	84.74	23.00		50.0	
		Z	18.15	91.90	24.27		50.0	
10659-AAA	Pulse Waveform (200Hz, 20%)	X	100.00	114.14	28.15	6.99	60.0	± 9.6 %
		Y	26.50	98.27	25.77		60.0	
		Z	100.00	115.09	28.80		60.0	

10660-AAA	Pulse Waveform (200Hz, 40%)	X	100.00	111.33	25.43	3.98	80.0	± 9.6 %
		Y	100.00	115.92	28.23		80.0	
		Z	100.00	112.30	26.01		80.0	
10661-AAA	Pulse Waveform (200Hz, 60%)	X	100.00	110.55	23.78	2.22	100.0	± 9.6 %
		Y	100.00	116.59	27.01		100.0	
		Z	100.00	111.76	24.43		100.0	
10662-AAA	Pulse Waveform (200Hz, 80%)	X	100.00	108.74	21.34	0.97	120.0	± 9.6 %
		Y	100.00	120.28	26.61		120.0	
		Z	100.00	110.89	22.32		120.0	

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

APPENDIX D: SAR TISSUE SPECIFICATIONS

Measurement Procedure for Tissue verification:

1) The network analyzer and probe system was configured and calibrated.
2) The probe was immersed in the tissue. The tissue was placed in a nonmetallic container. Trapped air bubbles beneath the flange were minimized by placing the probe at a slight angle.
3) The complex admittance with respect to the probe aperture was measured
4) The complex relative permittivity ε' can be calculated from the below equation (Pournaropoulos and Misra):

$$Y = \frac{j2\omega\varepsilon_r\varepsilon_0}{\left[\ln(b/a)\right]^2}\int_a^b\int_a^b\int_0^\pi \cos\phi' \frac{\exp\left[-j\omega r(\mu_0\varepsilon_r^{'}\varepsilon_0)^{1/2}\right]}{r} d\phi' d\rho' d\rho$$

where *Y* is the admittance of the probe in contact with the sample, the primed and unprimed coordinates refer to source and observation points, respectively, $r^2 = \rho^2 + \rho'^2 - 2\rho\rho'\cos\phi'$, ω is the angular frequency, and $j = \sqrt{-1}$.

Table D-I
Composition of the Tissue Equivalent Matter

Frequency (MHz)	750	750	835	835	1750	1750	1900	1900	2450-2600	2450-2600
Tissue	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Ingredients (% by weight)										
Bactericide	See page 2-3	See page 2	0.1	0.1					See page 4	
DGBE					47	31	44.92	29.44		26.7
HEC			1	1						
NaCl			1.45	0.94	0.4	0.2	0.18	0.39		0.1
Sucrose			57	44.9						
Water			40.45	53.06	52.6	68.8	54.9	70.17		73.2

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2 Composition / Information on ingredients

The Item is composed of the following ingredients:

H_2O	Water, 35 – 58%
Sucrose	Sugar, white, refined, 40 – 60%
NaCl	Sodium Chloride, 0 – 6%
Hydroxyethyl-cellulose	Medium Viscosity (CAS# 9004-62-0), <0.3%
Preventol-D7	Preservative: aqueous preparation, (CAS# 55965-84-9), containing 5-chloro-2-methyl-3(2H)-isothiazolone and 2-methyyl-3(2H)-isothiazolone, 0.1 – 0.7% Relevant for safety; Refer to the respective Safety Data Sheet*.

Figure D-1
Composition of 750 MHz Head and Body Tissue Equivalent Matter

Note: 750MHz liquid recipes are proprietary SPEAG. Since the composition is approximate to the actual liquids utilized, the manufacturer tissue-equivalent liquid data sheets are provided below.

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Measurement Certificate / Material Test

Item Name	**Body Tissue Simulating Liquid (MSL750V2)**
Product No.	SL AAM 075 AA (Batch: 170608-1)
Manufacturer	SPEAG

Measurement Method
TSL dielectric parameters measured using calibrated DAK probe.

Setup Validation
Validation results were within ± 2.5% towards the target values of Methanol.

Target Parameters
Target parameters as defined in the IEEE 1528 and IEC 62209 compliance standards.

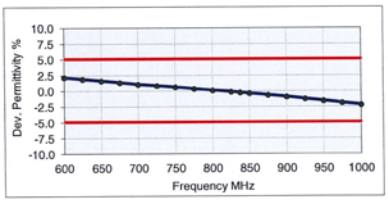
Test Condition

Ambient	Environment temperatur (22 ± 3)°C and humidity < 70%.
TSL Temperature	22°C
Test Date	20-Jun-17
Operator	CL

Additional Information

TSL Density	1.212 g/cm^3
TSL Heat-capacity	3.006 kJ/(kg*K)

	Measured			Target		Diff.to Target [%]	
f [MHz]	e'	e''	sigma	eps	sigma	Δ-eps	Δ-sigma
600	57.3	25.02	0.84	56.1	0.95	2.2	-12.2
625	57.1	24.67	0.86	56.0	0.95	1.9	-10.1
650	56.8	24.32	0.88	55.9	0.96	1.6	-8.0
675	56.6	24.02	0.90	55.8	0.96	1.3	-5.8
700	56.3	23.71	0.92	55.7	0.96	1.1	-3.8
725	56.1	23.48	0.95	55.6	0.96	0.8	-1.5
750	55.9	23.25	0.97	55.5	0.96	0.6	0.7
775	55.6	23.04	0.99	55.4	0.97	0.3	2.9
800	55.4	22.82	1.02	55.3	0.97	0.1	5.0
825	55.2	22.65	1.04	55.2	0.98	-0.1	6.3
838	55.1	22.56	1.05	55.2	0.98	-0.3	6.9
850	54.9	22.47	1.06	55.2	0.99	-0.4	7.5
875	54.7	22.34	1.09	55.1	1.02	-0.7	6.7
900	54.5	22.21	1.11	55.0	1.05	-0.9	5.9
925	54.3	22.08	1.14	55.0	1.06	-1.3	6.9
950	54.1	21.95	1.16	54.9	1.08	-1.6	7.9
975	53.8	21.86	1.19	54.9	1.09	-1.9	9.1
1000	53.6	21.76	1.21	54.8	1.10	-2.2	10.2



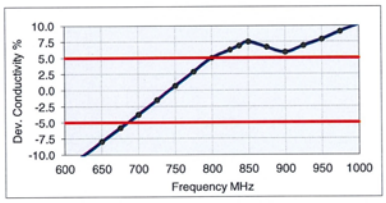


Figure D-2
750MHz Body Tissue Equivalent Matter

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Measurement Certificate / Material Test

Item Name	**Head Tissue Simulating Liquid (HSL750V2)**
Product No.	SL AAH 075 AA (Batch: 170612-4)
Manufacturer	SPEAG

Measurement Method

TSL dielectric parameters measured using calibrated DAK probe.

Setup Validation

Validation results were within ± 2.5% towards the target values of Methanol.

Target Parameters

Target parameters as defined in the IEEE 1528 and IEC 62209 compliance standards.

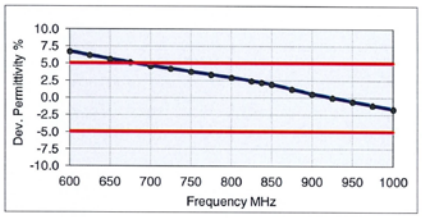
Test Condition

Ambient	Environment temperatur (22 ± 3)°C and humidity < 70%.
TSL Temperature	22ºC
Test Date	20-Jun-17
Operator	CL

Additional Information

TSL Density	1.284 g/cm^3
TSL Heat-capacity	2.701 kJ/(kg*K)

	Measured			Target		Diff.to Target [%]	
f [MHz]	e'	e"	sigma	eps	sigma	Δ-eps	Δ-sigma
600	45.6	22.97	0.77	42.7	0.88	6.7	-13.1
625	45.2	22.73	0.79	42.6	0.88	6.2	-10.6
650	44.9	22.49	0.81	42.5	0.89	5.6	-8.2
675	44.5	22.27	0.84	42.3	0.89	5.1	-5.8
700	44.2	22.05	0.86	42.2	0.89	4.6	-3.5
725	43.8	21.88	0.88	42.1	0.89	4.2	-1.0
750	**43.5**	**21.72**	**0.91**	**41.9**	**0.89**	**3.8**	**1.4**
775	43.2	21.55	0.93	41.8	0.90	3.4	3.7
800	42.9	21.38	0.95	41.7	0.90	2.9	6.0
825	42.6	21.24	0.97	41.6	0.91	2.4	7.5
838	42.5	21.17	0.99	41.5	0.91	2.2	8.2
850	42.3	21.09	1.00	41.5	0.92	2.0	8.9
875	42.0	20.98	1.02	41.5	0.94	1.2	8.3
900	41.7	20.87	1.05	41.5	0.97	0.5	7.7
925	41.5	20.76	1.07	41.5	0.98	0.0	8.7
950	41.2	20.64	1.09	41.4	0.99	-0.6	9.7
975	40.9	20.55	1.11	41.4	1.00	-1.1	10.9
1000	40.6	20.46	1.14	41.3	1.01	-1.7	12.1



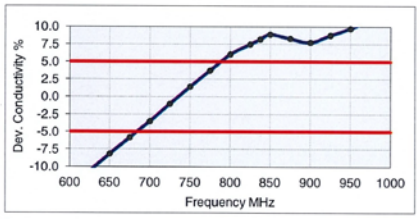


Figure D-3
750MHz Head Tissue Equivalent Matter

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3 Composition / Information on ingredients

The Item is composed of the following ingredients:

Water	50 – 73 %	
Non-ionic detergents	25 – 50 %	polyoxyethylenesorbitan monolaurate
NaCl	0 – 2 %	
Preservative	0.05 – 0.1%	Preventol-D7

Safety relevant ingredients:

CAS-No. 55965-84-9	< 0.1 %	aqueous preparation, containing 5-chloro-2-methyl-3(2H)-isothiazolone and 2-methyyl-3(2H)-isothiazolone
CAS-No. 9005-64-5	<50 %	polyoxyethylenesorbitan monolaurate

According to international guidelines, the product is not a dangerous mixture and therefore not required to be marked by symbols.

Figure D-4
Composition of 2.4 - 2.6 GHz Head Tissue Equivalent Matter

Note: 2.4 – 2.6 GHz head liquid recipes are proprietary SPEAG. Since the composition is approximate to the actual liquids utilized, the manufacturer tissue-equivalent liquid data sheets are provided below.

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s p e a g

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Measurement Certificate / Material Test

Item Name	**Head Tissue Simulating Liquid (HBBL1900-3800V3)**
Product No.	SL AAH 196 AB (Batch: 170619-1)
Manufacturer	SPEAG

Measurement Method

TSL dielectric parameters measured using calibrated DAK probe.

Setup Validation

Validation results were within ± 2.5% towards the target values of Methanol.

Target Parameters

Target parameters as defined in the IEEE 1528 and IEC 62209 compliance standards.

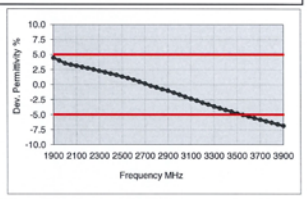
Test Condition

Ambient	Environment temperatur (22 ± 3)°C and humidity < 70%.
TSL Temperature	22°C
Test Date	20-Jun-17
Operator	CL

Additional Information

TSL Density 1.054 g/cm^3
TSL Heat-capacity 3.389 kJ/(kg*K)

	Measured			Target		Diff.to Target [%]	
f [MHz]	e'	e''	sigma	eps	sigma	Δ-eps	Δ-sigma
1900	41.8	12.2	1.3	40.0	1.4	4.5	-8.2
1950	41.6	12.3	1.3	40.0	1.4	4.0	-4.6
2000	41.4	12.4	1.4	40.0	1.4	3.6	-1.3
2050	41.2	12.6	1.4	39.9	1.4	3.3	-0.9
2100	41.1	12.7	1.5	39.8	1.5	3.1	-0.6
2150	40.9	12.8	1.5	39.7	1.5	2.9	-0.2
2200	40.7	12.9	1.6	39.6	1.6	2.7	0.2
2250	40.6	13.0	1.6	39.6	1.6	2.5	0.5
2300	40.4	13.2	1.7	39.5	1.7	2.3	1.1
2350	40.2	13.3	1.7	39.4	1.7	2.1	1.5
2400	40.0	13.4	1.8	39.3	1.8	1.8	2.1
2450	39.8	13.5	1.8	39.2	1.8	1.6	2.6
2500	39.7	13.7	1.9	39.1	1.9	1.3	2.6
2550	39.5	13.7	2.0	39.1	1.9	1.1	2.2
2600	39.3	13.9	2.0	39.0	2.0	0.8	2.5
2650	39.1	14.0	2.1	38.9	2.0	0.5	2.6
2700	39.0	14.2	2.1	38.9	2.1	0.2	2.7
2750	38.7	14.3	2.2	38.8	2.1	-0.2	2.6
2800	38.6	14.4	2.2	38.8	2.2	-0.4	2.5
2850	38.4	14.5	2.3	38.7	2.2	-0.8	2.6
2900	38.2	14.6	2.3	38.6	2.3	-1.0	2.6
2950	38.1	14.7	2.4	38.6	2.3	-1.3	2.6
3000	37.9	14.8	2.5	38.5	2.4	-1.7	2.6
3050	37.7	14.8	2.5	38.4	2.5	-2.0	2.8
3100	37.5	14.9	2.6	38.4	2.5	-2.3	2.8
3150	37.3	15.0	2.6	38.3	2.6	-2.6	2.9
3200	37.1	15.1	2.7	38.3	2.6	-3.0	2.9
3250	37.0	15.1	2.7	38.2	2.7	-3.3	3.0
3300	36.8	15.2	2.8	38.2	2.7	-3.6	3.1
3350	36.6	15.3	2.8	38.1	2.8	-3.9	3.2
3400	36.4	15.3	2.9	38.0	2.8	-4.2	3.3
3450	36.3	15.4	3.0	38.0	2.9	-4.5	3.4
3500	36.1	15.5	3.0	37.9	2.9	-4.8	3.5
3550	36.0	15.5	3.1	37.9	3.0	-5.0	3.6
3600	35.8	15.6	3.1	37.8	3.0	-5.3	3.8
3650	35.7	15.7	3.2	37.8	3.1	-5.6	3.7
3700	35.5	15.7	3.2	37.7	3.1	-5.8	3.9
3750	35.4	15.8	3.3	37.6	3.2	-6.1	3.9
3800	35.2	15.9	3.4	37.6	3.2	-6.3	4.1
3850	35.1	15.9	3.4	37.5	3.3	-6.6	4.1



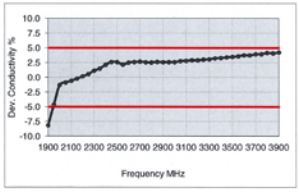


Figure D-5
2.4 – 2.6 GHz Head Tissue Equivalent Matter

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APPENDIX E: SAR SYSTEM VALIDATION

Per FCC KDB Publication 865664 D02v01r02, SAR system validation status should be documented 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 FCC KDB Publication 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.

Table E-I
SAR System Validation Summary (1g)

SAR SYSTEM #	FREQ. [MHz]	DATE	PROBE SN	PROBE TYPE	PROBE CAL. POINT		COND. (σ)	PERM. (εr)	CW VALIDATION SENSITIVITY	CW VALIDATION PROBE LINEARITY	CW VALIDATION PROBE ISOTROPY	MOD. VALIDATION MOD. TYPE	MOD. VALIDATION DUTY FACTOR	MOD. VALIDATION PAR
AM7	750	4/17/2018	3329	ES3DV3	750	Head	0.895	42.645	PASS	PASS	PASS	N/A	N/A	N/A
AM8	835	6/22/2018	3287	ES3DV3	835	Head	0.889	41.545	PASS	PASS	PASS	GMSK	PASS	N/A
AM7	835	4/18/2018	3329	ES3DV3	835	Head	0.928	42.395	PASS	PASS	PASS	GMSK	PASS	N/A
AM2	1750	11/27/2017	3022	ES3DV2	1750	Head	1.387	38.617	PASS	PASS	PASS	N/A	N/A	N/A
AM2	1900	11/27/2017	3022	ES3DV2	1900	Head	1.421	39.231	PASS	PASS	PASS	GMSK	PASS	N/A
AM6	2450	4/17/2018	3131	ES3DV3	2450	Head	1.863	39.590	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM5	2450	6/13/2018	7490	EX3DV4	2450	Head	1.834	40.590	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM4	2600	6/19/2018	3119	ES3DV3	2600	Head	1.950	39.423	PASS	PASS	PASS	TDD	PASS	N/A

Table E-II
SAR System Validation Summary (10g)

SAR SYSTEM #	FREQ. [MHz]	DATE	PROBE SN	PROBE TYPE	PROBE CAL. POINT		COND. (σ)	PERM. (εr)	CW VALIDATION SENSITIVITY	CW VALIDATION PROBE LINEARITY	CW VALIDATION PROBE ISOTROPY	MOD. VALIDATION MOD. TYPE	MOD. VALIDATION DUTY FACTOR	MOD. VALIDATION PAR
AM6	750	4/4/2018	3131	ES3DV3	750	Body	0.960	56.314	PASS	PASS	PASS	N/A	N/A	N/A
AM8	835	6/19/2018	3287	ES3DV3	835	Body	0.932	54.849	PASS	PASS	PASS	GMSK	PASS	N/A
AM5	1750	4/24/2018	7490	EX3DV4	1750	Body	1.551	55.595	PASS	PASS	PASS	N/A	N/A	N/A
AM5	1900	4/24/2018	7490	EX3DV4	1900	Body	1.567	51.017	PASS	PASS	PASS	GMSK	PASS	N/A
AM2	1900	7/2/2018	3022	ES3DV2	1900	Body	1.572	53.288	PASS	PASS	PASS	GMSK	PASS	N/A
AM6	2450	4/3/2018	3131	ES3DV3	2450	Body	2.023	50.604	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM1	2600	7/16/2018	3275	ES3DV3	2600	Body	2.144	52.469	PASS	PASS	PASS	TDD	PASS	N/A

NOTE: While the probes have been calibrated for both CW and modulated signals, all measurements were performed using communication systems calibrated for CW signals only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04 for scenarios when CW probe calibrations are used with other signal types. SAR systems 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 FCC KDB Publication 865664 D01v01r04.

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