**Appendix: Modulation Calibration Parameters** 

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max Unc <sup>E</sup> (k=2)
0	CW	Х	0.00	0.00	1.00	0.00	133.5	± 3.0 %
		Y	0.00	0.00	1.00		133.6	
10010	0.00	Z	0.00	0.00	1.00		144.4	
10010- CAA	SAR Validation (Square, 100ms, 10ms)	Х	2.34	67.68	10.56	10.00	20.0	± 9.6 %
		Υ	1.30	61.29	6.68		20.0	
10011	LINATO EDD (MODIAN)	Z	1.42	62.01	7.24		20.0	
10011- CAB	UMTS-FDD (WCDMA)	X	1.41	74.00	18.97	0.00	150.0	± 9.6 %
		Y	1.10	71.14	16.67		150.0	
10012-	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1	Z	0.89	65.99	14.09	0.44	150.0	1000
CAB	Mbps)		1.20	65.33	16.76	0.41	150.0	± 9.6 %
		Y	1.06	64.38	15.88		150.0	
10013-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	X	1.08 4.86	63.00 67.03	14.44 17.54	1.46	150.0 150.0	± 9.6 %
CAB	OFDM, 6 Mbps)					1.40		± 9.0 %
		Y	4.59	66.95	17.35		150.0	
10021-	GSM-FDD (TDMA, GMSK)	Z X	4.54 100.00	66.56 116.15	16.75 27.56	9.39	150.0 50.0	± 9.6 %
DAC		Υ	1001.65	107.00	00.04		50.0	
		Z	98.99	127.98 103.06	26.91 21.39		50.0 50.0	
10023-	GPRS-FDD (TDMA, GMSK, TN 0)	X	100.00	115.11	27.13	9.57	50.0	± 9.6 %
DAC	GI NO I DD (I DIVIN), GIVION, TIV 0)	Y	100.00	104.27	21.99	9.51		£ 9.0 %
		Z	11.93	82.45	16.15		50.0 50.0	
10024- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	X	100.00	122.65	29.40	6.56	60.0	± 9.6 %
		Y	100.00	104.83	20.88		60.0	
		Z	100.00	102.56	20.00		60.0	
10025- DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	Х	9.40	103.99	44.60	12.57	50.0	± 9.6 %
		Υ	3.39	66.95	25.19		50.0	
		Z	4.22	73.78	28.57		50.0	
10026- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	Х	10.13	100.70	38.02	9.56	60.0	± 9.6 %
		Y	5.03	82.18	30.25		60.0	
40007	ODDO FDD /TDMA OMOV TM O 4 0)	Z	4.92	80.43	28.71		60.0	
10027- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	X	100.00	132.53	32.81	4.80	80.0	± 9.6 %
		Y	100.00	105.43	20.23		80.0	
10028-	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	Z X	100.00	104.08 146.99	19.90 37.99	3.55	80.0 100.0	± 9.6 %
DAC		Y	100.00	102.72	18.37		100.0	
		Z	100.00	107.31	20.61		100.0	
10029- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	X	5.41	83.48	29.81	7.80	80.0	± 9.6 %
		Y	3.45	73.38	25.11		80.0	
		Z	3.42	72.17	23.73		80.0	
10030- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	X	100.00	123.68	29.38	5.30	70.0	± 9.6 %
		Y	100.00	101.00	18.69		70.0	
	Z = 1	Z	100.00	100.07	18.46		70.0	
10031- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Х	100.00	174.36	46.71	1.88	100.0	± 9.6 %
		Y	0.01	60.14	979.96		100.0	
		Z	100.00	96.43	15.21		100.0	

10034- IEE CAA	EE 802.15.1 Bluetooth (PI/4-DQPSK, H3)  EE 802.15.1 Bluetooth (PI/4-DQPSK, H5)  EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y Z X X Y X X X Y Z X X X Y X Z X X X Y X X X X	0.00 100.00 100.00 100.00 3.77 100.00 3.66 1.26 21.39 1.38 1.01 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50	92.67 100.76 137.41 126.80 78.36 132.28 80.25 67.28 109.23 69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	90.27 16.27 38.07 32.25 18.23 34.25 17.02 12.12 28.33 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32 21.32	5.30 1.88 1.17 5.30 1.88	100.0 100.0 70.0 70.0 70.0 100.0 100.0 100.0 100.0 100.0 70.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	± 9.6 %  ± 9.6 %  ± 9.6 %  ± 9.6 %  ± 9.6 %
CAA DH  10034- IEE CAA DH:  10035- CAA IEE  CAA IEE  10036- CAA  10037- CAA  10038- CAA  10042- CAB  10042- CAB  10044- CAA  10048- CAA  10049- DE:	EE 802.15.1 Bluetooth (PI/4-DQPSK, H3)  EE 802.15.1 Bluetooth (PI/4-DQPSK, H5)  EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Z	100.00 100.00 100.00 3.77 100.00 3.66 1.26 21.39 1.38 1.01 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50 0.77	100.76 137.41 126.80 78.36 132.28 80.25 67.28 109.23 69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	16.27 38.07 32.25 18.23 34.25 17.02 12.12 28.33 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.88 1.17 5.30 1.88	100.0 70.0 70.0 70.0 100.0 100.0 100.0 100.0 100.0 70.0 7	± 9.6 % ± 9.6 % ± 9.6 %
CAA DH  10034- IEE CAA DH:  10035- CAA IEE CAA  10036- CAA  10037- CAA  10038- CAA  10039- CD CAB  10042- CAB  10044- CAA  10048- CAA  10049- DE:	EE 802.15.1 Bluetooth (PI/4-DQPSK, H3)  EE 802.15.1 Bluetooth (PI/4-DQPSK, H5)  EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Y Z X Y Z X Y Z X Y Z X Y Z X Y Y Z X Y Y Z X Y Y Z X Y Y Z X Y Y Z X Y Y Z X Y Y Z X Y Y Z X Y Y X Y Y X Y Y X Y Y X Y Y X Y Y X X Y Y X X Y Y X X Y Y X X Y Y X X Y Y X X Y Y X X Y Y X X Y Y X X Y Y X X Y Y X X Y Y X X X Y Y X X X Y Y X X X Y Y X X X Y Y X X X Y Y X X X Y Y X X X X Y Y X X X X Y Y X X X X Y Y X X X X X Y Y X X X X X Y Y X X X X X X Y Y X X X X X X Y Y X	100.00 3.77 100.00 3.66 1.26 21.39 1.38 1.01 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50 0.77	126.80 78.36 132.28 80.25 67.28 109.23 69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	32.25 18.23 34.25 17.02 12.12 28.33 12.73 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.88 1.17 5.30 1.88	70.0 70.0 100.0 100.0 100.0 100.0 100.0 70.0 7	± 9.6 % ± 9.6 % ± 9.6 %
CAA DH:  10035- JEE CAA DH:  10036- CAA  10037- CAA  10038- CAA  10042- CAB  10044- CAA  10048- CAA  10049- DE:	EE 802.15.1 Bluetooth (PI/4-DQPSK, H5)  EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Z	3.77 100.00 3.66 1.26 21.39 1.38 1.01 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50	78.36 132.28 80.25 67.28 109.23 69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	18.23 34.25 17.02 12.12 28.33 12.73 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.17 5.30 1.88	70.0 100.0 100.0 100.0 100.0 100.0 70.0 7	± 9.6 % ± 9.6 % ± 9.6 %
CAA DH:  10035- JEE CAA DH:  10036- CAA  10037- CAA  10038- CAA  10042- CAB  10044- CAA  10048- CAA  10049- DE:	EE 802.15.1 Bluetooth (PI/4-DQPSK, H5)  EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	X Y Z X Y Z X Y Z X Y Z X Y Z X Y Z X	100.00  3.66 1.26 21.39  1.38 1.01 100.00  100.00 4.69 100.00  2.52 1.16 22.19  1.49 1.01 5.50  0.77	80.25 67.28 109.23 69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	34.25 17.02 12.12 28.33 12.73 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.17 5.30 1.88	100.0 100.0 100.0 100.0 100.0 100.0 70.0 70.0 100.0 100.0 100.0 100.0	± 9.6 % ± 9.6 % ± 9.6 %
CAA DH:  10035- JEE CAA DH:  10036- CAA  10037- CAA  10038- CAA  10042- CAB  10044- CAA  10048- CAA  10049- DE:	EE 802.15.1 Bluetooth (PI/4-DQPSK, H5)  EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	X Y Z X Y Z X Y Z X Y Z X Y Z X Y Z X	3.66 1.26 21.39 1.38 1.01 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50	80.25 67.28 109.23 69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	34.25 17.02 12.12 28.33 12.73 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.17 5.30 1.88	100.0 100.0 100.0 100.0 100.0 70.0 70.0	± 9.6 % ± 9.6 % ± 9.6 %
CAA DH:  10036- IEE CAA  10037- CAA  10038- CAA  10039- CDI CAB  10042- CAB  10044- CAA  10048- CAA  10049- DE:	EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Y   Z   X   Y   Y   Z   X   Y   Y   X   Y   Y   Y   X   Y   Y	1.26 21.39 1.38 1.01 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50	67.28 109.23 69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	12.12 28.33 12.73 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	5.30	100.0 100.0 100.0 100.0 70.0 70.0 70.0 100.0 100.0 100.0	± 9.6 % ± 9.6 %
CAA DH:  10036- IEE CAA  10037- CAA  10038- CAA  10039- CAB  10042- CAB DQ  10044- CAA  10048- CAA  10049- DE:	EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	X Y Z X Y Z X Y Z X Y Z X Y Z X	21.39  1.38  1.01  100.00  100.00  4.69  100.00  2.52  1.16  22.19  1.49  1.01  5.50  0.77	109.23 69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	28.33 12.73 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	5.30	100.0 100.0 100.0 70.0 70.0 70.0 100.0 100.0 100.0 100.0	± 9.6 % ± 9.6 %
CAA DH:  10036- IEE CAA  10037- CAA  10038- CAA  10039- CAB  10042- CAB DQ  10044- CAA  10048- CAA  10049- DE:	EE 802.15.1 Bluetooth (8-DPSK, DH1)  EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Y Z X Y Z X Y Z X Y Z X Y Y Z X Y Y Z X Y Y Z X Y Y Z X Y Y Y Z X Y Y Y X Y Y Y Y	1.38 1.01 100.00 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50	69.89 65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	12.73 11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	5.30	100.0 100.0 70.0 70.0 70.0 100.0 100.0 100.0	± 9.6 % ± 9.6 %
CAA  10037- CAA  10038- CAA  10039- CAB  10042- CAB  10044- CAA  10044- CAA  10048- CAA  10049- DE	EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Z   X   Y   Y   Y   Y   Y   Y   Y   Y   Y	1.01 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50	65.66 138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	11.12 38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.88	70.0 70.0 70.0 70.0 100.0 100.0 100.0 100.0	± 9.6 %
CAA  10037- CAA  10038- CAA  10039- CAB  10042- CAB  10044- CAA  10044- CAA  10048- CAA  10049- DE	EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	X Y Z X Y Z X Y Z X	100.00 100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50 0.77	138.07 127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	38.36 32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.88	70.0 70.0 70.0 100.0 100.0 100.0 100.0	± 9.6 %
CAA  10037- CAA  10038- CAA  10039- CAB  10042- CAB  10044- CAA  10044- CAA  10048- CAA  10049- DE	EE 802.15.1 Bluetooth (8-DPSK, DH3)  EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Y Z X Y Z X Y Y Z X Y	100.00 4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50	127.61 81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	32.61 19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.88	70.0 70.0 100.0 100.0 100.0 100.0	± 9.6 %
CAA IEE CAA IEE CAA IEE CAA IEE CAA IS-S CAB DQ IS-S CAA	EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Z X Y Z X Y Z X	4.69 100.00 2.52 1.16 22.19 1.49 1.01 5.50	81.58 132.40 76.27 66.50 110.53 71.00 65.81 87.92	19.44 34.26 15.68 11.76 28.87 13.35 11.32	1.17	70.0 100.0 100.0 100.0 100.0	
CAA IEE CAA IEE CAA IEE CAA IEE CAA IS-S CAB DQ IS-S CAA	EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	X Y Z X Y Z X	100.00 2.52 1.16 22.19 1.49 1.01 5.50 0.77	76.27 66.50 110.53 71.00 65.81 87.92	34.26 15.68 11.76 28.87 13.35 11.32	1.17	100.0 100.0 100.0 100.0	
10038-	EE 802.15.1 Bluetooth (8-DPSK, DH5)  DMA2000 (1xRTT, RC1)	Y Z X Y Z X Y	2.52 1.16 22.19 1.49 1.01 5.50	76.27 66.50 110.53 71.00 65.81 87.92	15.68 11.76 28.87 13.35 11.32	1.17	100.0 100.0 100.0	
CAA	DMA2000 (1xRTT, RC1)	Z X Y Z X	1.16 22.19 1.49 1.01 5.50	66.50 110.53 71.00 65.81 87.92	11.76 28.87 13.35 11.32		100.0 100.0	± 9.6 %
CAA	DMA2000 (1xRTT, RC1)	X Y Z X	22.19 1.49 1.01 5.50	71.00 65.81 87.92	28.87 13.35 11.32		100.0	± 9.6 %
CAA	DMA2000 (1xRTT, RC1)	Y Z X Y	1.49 1.01 5.50	71.00 65.81 87.92	13.35 11.32		100.0	± 9.6 %
10042- IS-5 CAB DQ 10044- CAA IS-5 CAA Slot		Z X Y	1.01 5.50 0.77	65.81 87.92	11.32	0.00		
10042- IS-5 CAB DQ 10044- CAA IS-5 CAA Slot		X	5.50 0.77	87.92		0.00	100.0	
10042- IS-5 CAB DQ 10044- CAA IS-5 CAA Slot		Y	0.77		21.32	() ()()		. 0.00/
10044- CAA IS-S 10048- CAA Sloi	54 / 10 400 FDD / TDM / FDM DW/					0.00	150.0	± 9.6 %
10044- CAA IS-S 10048- CAA Sloi	E4 / 10 400 EDD / TD144 / ED14 D1//	7		63.84	9.15		150.0	
10044- CAA IS-S 10048- CAA Sloi			0.90	65.02	10.44		150.0	
10048- DECAA Slot	-54 / IS-136 FDD (TDMA/FDM, PI/4- QPSK, Halfrate)	Х	100.00	113.40	25.61	7.78	50.0	± 9.6 %
10048- DECAA Slot		Υ	100.00	100.13	19.26		50.0	
10048- DECAA Slot		Z	4.08	73.45	12.38		50.0	
10049- DE	-91/EIA/TIA-553 FDD (FDMA, FM)	Х	0.00	120.40	0.60	0.00	150.0	± 9.6 %
10049- DE		Y	0.16	133.03	15.20		150.0	
10049- DE		Z	0.00	98.37	5.75		150.0	
	ECT (TDD, TDMA/FDM, GFSK, Full ot, 24)	×	100.00	109.59	26.01	13.80	25.0	± 9.6 %
		Y	6.96	73.06	14.48	2	25.0	
	EOT (TDD TD114 (ET)	Z	4.37	68.01	12.35	10	25.0	
	ECT (TDD, TDMA/FDM, GFSK, Double ot, 12)	X	1056.68	138.54	31.22	10.79	40.0	± 9.6 %
		Y	9.18	78.92	15.41		40.0	
40050	MTO TOD (TO COD)	Z	4.47	71.30	12.55	0.00	40.0	
10056- UM CAA	MTS-TDD (TD-SCDMA, 1.28 Mcps)	X	100.00	129.08	35.40	9.03	50.0	± 9.6 %
		Y	100.00	118.96	30.09		50.0	
40050 55	DOE EDD /TDMA_0DOX TN 0.4.0.0	Z	18.65	94.06	23.16	0.55	50.0	1000
10058- ED	DGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	X	4.13	77.18	26.11	6.55	100.0	± 9.6 %
		Y	2.91	70.18	22.76		100.0	-
	EEE 802.11b WiFi 2.4 GHz (DSSS, 2	Z	2.90 1.25	69.11 66.80	21.43 17.66	0.61	100.0	± 9.6 %
OND IVID	nnet	Y	1.07	65.41	16.55		110.0	
	bps)	Z	1.07	63.48	14.73		110.0	
	ops)	X	100.00	155.23	42.89	1.30	110.0	± 9.6 %
OUD IND	EE 802.11b WiFi 2.4 GHz (DSSS, 5.5	1		153.16	41.00		110.0	
		Y	100.00	100.10	20.03		110.0	-

10061- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	Х	5.91	99.09	30.59	2.04	110.0	± 9.6 %
		Y	2.44	84.32	25.12		110.0	
		Z	1.36	70.30	18.03		110.0	
10062- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	Х	4.67	67.04	16.94	0.49	100.0	± 9.6 %
		Y	4.39	66.91	16.73		100.0	
	l December 1	Z	4.36	66.59	16.22		100.0	
10063- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	Х	4.68	67.15	17.05	0.72	100.0	± 9.6 %
		Y	4.40	67.02	16.84		100.0	
		Z	4.37	66.66	16.30		100.0	
10064- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	X	4.96	67.38	17.26	0.86	100.0	± 9.6 %
		Y	4.63	67.20	17.03		100.0	
		Z	4.59	66.84	16.49		100.0	
10065- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	Х	4.82	67.27	17.39	1.21	100.0	± 9.6 %
		Y	4.50	67.03	17.12		100.0	
104		Z	4.46	66.62	16.53		100.0	
10066- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	Х	4.83	67.28	17.56	1.46	100.0	± 9.6 %
		Υ	4.50	67.02	17.28		100.0	
		Z	4.45	66.57	16.65		100.0	
10067- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	Х	5.12	67.47	18.02	2.04	100.0	± 9.6 %
		Y	4.78	67.29	17.77		100.0	
		Z	4.72	66.83	17.11		100.0	
10068- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	X	5.15	67.45	18.23	2.55	100.0	± 9.6 %
		Y	4.80	67.17	17.93		100.0	
		Z	4.74	66.71	17.26		100.0	
10069- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	X	5.23	67.45	18.42	2.67	100.0	± 9.6 %
		Y	4.86	67.19	18.11		100.0	
		Z	4.80	66.72	17.43		100.0	
10071- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	X	4.94	67.09	17.85	1.99	100.0	± 9.6 %
		Y	4.67	67.00	17.65		100.0	
		Z	4.62	66.59	17.02		100.0	
10072- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	Х	4.91	67.42	18.09	2.30	100.0	± 9.6 %
		Y	4.61	67.22	17.85		100.0	
		Z	4.55	66.73	17.16		100.0	
10073- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	Х	4.96	67.57	18.44	2.83	100.0	± 9.6 %
		Y	4.67	67.40	18.21		100.0	
		Z	4.60	66.87	17.47		100.0	
10074- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	X	4.93	67.42	18.58	3.30	100.0	± 9.6 %
		Υ	4.67	67.34	18.36		100.0	
		Z	4.60	66.81	17.62		100.0	
10075- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	X	4.95	67.47	18.88	3.82	90.0	± 9.6 %
		Y	4.67	67.28	18.59		90.0	
		Z	4.60	66.76	17.83		90.0	
10076- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	X	4.96	67.23	19.00	4.15	90.0	± 9.6 %
		Y	4.71	67.12	18.75		90.0	
		Z	4.64	66.62	18.00		90.0	
10077- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	Х	4.98	67.30	19.10	4.30	90.0	± 9.6 %
		Y	4.74	67.21	18.87		90.0	
		Z		66.72				

10081- CAB	CDMA2000 (1xRTT, RC3)	Х	1.52	75.04	16.52	0.00	150.0	± 9.6 %
		Υ	0.37	60.29	6.45		150.0	
		Z	0.51	62.07	8.44		150.0	
10082- CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4- DQPSK, Fullrate)	Х	4.89	67.43	6.25	4.77	80.0	± 9.6 %
		Υ	6.57	101.00	1.95		80.0	
		Z	6.94	60.29	1.65		80.0	
10090- DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	Х	100.00	122.68	29.44	6.56	60.0	± 9.6 %
		Υ	100.00	105.02	20.98		60.0	
		Z	100.00	102.55	20.01		60.0	
10097- CAB	UMTS-FDD (HSDPA)	Х	2.10	70.85	17.51	0.00	150.0	± 9.6 %
		Υ	1.92	70.54	16.43		150.0	
		Z	1.69	67.62	14.91		150.0	
10098- CAB	UMTS-FDD (HSUPA, Subtest 2)	X	2.06	70.87	17.52	0.00	150.0	± 9.6 %
		Υ	1.88	70.51	16.43		150.0	
		Z	1.66	67.55	14.88		150.0	
10099- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	Х	10.27	101.05	38.15	9.56	60.0	± 9.6 %
		Υ	5.07	82.34	30.32		60.0	
		Z	4.95	80.57	28.77		60.0	
10100- CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	Х	3.43	72.46	18.03	0.00	150.0	± 9.6 %
		Υ	3.00	71.05	17.31		150.0	
		Z	2.79	69.27	16.23		150.0	2.201
10101- CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	×	3.32	68.42	16.67	0.00	150.0	± 9.6 %
		Y	3.04	67.71	16.22		150.0	
		Z	2.99	66.99	15.57		150.0	
10102- CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	3.42	68.30	16.71	0.00	150.0	± 9.6 %
		Y	3.15	67.71	16.32		150.0	
		Z	3.10	67.04	15.69		150.0	
10103- CAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	Х	6.63	78.67	22.44	3.98	65.0	± 9.6 %
		Y	4.97	74.91	20.92		65.0	
		Z	4.39	71.81	18.93		65.0	
10104- CAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	5.97	74.45	21.43	3.98	65.0	± 9.6 %
		Y	4.74	71.27	19.92		65.0	
		Z	4.67	70.32	18.88		65.0	
10105- CAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	Х	5.78	73.57	21.33	3.98	65.0	± 9.6 %
		Y	4.59	70.26	19.73		65.0	
		Z	4.69	70.17	19.12		65.0	
10108- CAF	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	2.99	71.81	17.94	0.00	150.0	± 9.6 %
		Y	2.59	70.70	17.25		150.0	
		Z	2.39	68.62	16.01		150.0	
10109- CAF	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	Х	2.99	68.50	16.68	0.00	150.0	± 9.6 %
		Υ	2.70	67.92	16.12		150.0	
		Z	2.63	66.94	15.36		150.0	
10110- CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	Х	2.46	71.37	17.77	0.00	150.0	± 9.6 %
		Υ	2.08	70.31	16.76		150.0	
		Z	1.89	67.77	15.34		150.0	
10111- CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	Х	2.78	70.04	17.24	0.00	150.0	± 9.6 %
n		Y	2.51	69.83	16.46		150.0	

10112- CAF	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	Х	3.10	68.42	16.68	0.00	150.0	± 9.6 %
		Υ	2.82	67.99	16.19		150.0	
		Z	2.75	67.06	15.46		150.0	
10113- CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	Х	2.92	70.07	17.30	0.00	150.0	± 9.6 %
		Y	2.65	69.97	16.58		150.0	
		Z	2.48	68.23	15.55		150.0	
10114- CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	X	5.13	67.50	16.81	0.00	150.0	± 9.6 %
		Y	4.89	67.27	16.70		150.0	
		Z	4.86	67.04	16.29		150.0	
10115- CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	Х	5.39	67.53	16.82	0.00	150.0	± 9.6 %
	· · · · · · · · · · · · · · · · · · ·	Y	5.13	67.33	16.73		150.0	
		Z	5.09	67.08	16.31		150.0	
10116- CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	Х	5.22	67.68	16.82	0.00	150.0	± 9.6 %
		Y	4.96	67.42	16.70		150.0	
		Z	4.92	67.18	16.29		150.0	
10117- CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	Х	5.09	67.34	16.75	0.00	150.0	± 9.6 %
		Υ	4.85	67.11	16.64		150.0	
		Z	4.84	66.94	16.26		150.0	
10118- CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	Х	5.47	67.75	16.94	0.00	150.0	± 9.6 %
		Y	5.22	67.61	16.87		150.0	
		Z	5.15	67.25	16.40		150.0	
10119- CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	Х	5.21	67.65	16.82	0.00	150.0	± 9.6 %
		Y	4.97	67.47	16.73		150.0	
		Z	4.93	67.21	16.32		150.0	
10140- CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	Х	3.45	68.32	16.63	0.00	150.0	± 9.6 %
		Y	3.16	67.74	16.22		150.0	
		Z	3.11	67.06	15.60		150.0	
10141- CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	3.57	68.38	16.77	0.00	150.0	± 9.6 %
		Y	3.29	67.93	16.43		150.0	
		Z	3.24	67.27	15.81		150.0	
10142- CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	Х	2.31	72.19	17.70	0.00	150.0	± 9.6 %
		Y	1.84	70.24	15.75		150.0	
		Ζ	1.61	67.36	14.34		150.0	
10143- CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	Х	2.78	71.70	17.21	0.00	150.0	± 9.6 %
		Υ	2.23	69.60	14.92		150.0	
		Z	2.04	67.76	14.06		150.0	
10144- CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	2.37	68.34	15.11	0.00	150.0	± 9.6 %
		Υ	1.76	65.46	12.30		150.0	
		Z	1.75	64.90	12.06		150.0	
10145- CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	Х	1.34	67.20	12.57	0.00	150.0	± 9.6 %
		Υ	0.58	60.00	6.00		150.0	
		Z	0.63	60.09	6.61		150.0	
10146- CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	Х	1.80	66.04	11.19	0.00	150.0	± 9.6 %
		Y	0.81	60.00	5.80		150.0	
		Z	0.74	59.14	5.14		150.0	
10147- CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	Х	2.23	68.53	12.47	0.00	150.0	± 9.6 %
JAF			0.00	00.00	F 00		450.0	
		Y	0.82	60.00	5.86		150.0	

10149- CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	Х	3.00	68.56	16.73	0.00	150.0	± 9.6 %
		Y	2.71	68.01	16.18		150.0	
		Z	2.64	67.00	15.41		150.0	
10150- CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	Х	3.11	68.48	16.73	0.00	150.0	± 9.6 %
		Y	2.83	68.06	16.25		150.0	
		Z	2.76	67.12	15.51		150.0	
10151- CAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	7.28	82.43	24.09	3.98	65.0	± 9.6 %
		Υ	5.26	78.32	22.39		65.0	
		Z	4.57	74.50	20.07		65.0	
10152- CAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	5.58	74.84	21.32	3.98	65.0	± 9.6 %
		Y	4.31	71.47	19.53		65.0	
		Z	4.17	70.09	18.28		65.0	
10153- CAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	Х	5.93	75.73	22.07	3.98	65.0	± 9.6 %
		Υ	4.68	72.73	20.50		65.0	
		Z	4.50	71.21	19.18		65.0	
10154- CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	Х	2.52	71.87	18.05	0.00	150.0	± 9.6 %
		Υ	2.15	70.84	17.06		150.0	
		Z	1.92	68.10	15.55		150.0	
10155- CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	Х	2.78	70.07	17.27	0.00	150.0	±9.6 %
		Y	2.52	69.90	16.51		150.0	
		Z	2.35	68.07	15.43		150.0	
10156- CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	Х	2.23	72.99	17.74	0.00	150.0	± 9.6 %
		Υ	1.59	69.37	14.67		150.0	
		Z	1.40	66.71	13.48		150.0	
10157- CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	Х	2.30	69.57	15.39	0.00	150.0	± 9.6 %
		Υ	1.50	65.00	11.47		150.0	
		Z	1.51	64.64	11.43		150.0	
10158- CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	2.93	70.15	17.36	0.00	150.0	± 9.6 %
		Υ	2.67	70.10	16.66		150.0	
		Z	2.49	68.32	15.61		150.0	
10159- CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	Х	2.43	70.08	15.68	0.00	150.0	± 9.6 %
		Υ	1.56	65.18	11.60		150.0	
		Z	1.57	64.86	11.57		150.0	
10160- CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	Х	2.95	70.60	17.56	0.00	150.0	± 9.6 %
		Υ	2.65	70.14	17.04		150.0	
		Z	2.45	68.14	15.84		150.0	
10161- CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	Х	3.01	68.50	16.68	0.00	150.0	± 9.6 %
		Υ	2.72	68.08	16.09		150.0	
		Z	2.64	67.06	15.33		150.0	
10162- CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	3.12	68.65	16.78	0.00	150.0	± 9.6 %
		Υ	2.83	68.35	16.25		150.0	
		Z	2.75	67.32	15.49		150.0	
10166- CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	3.54	70.32	19.84	3.01	150.0	± 9.6 %
		Υ	3.07	69.50	19.71		150.0	
		Z	2.87	67.61	18.12		150.0	
10167- CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	4.39	73.70	20.46	3.01	150.0	± 9.6 %
CAL					-			-
CAF		Y	3.58	72.39	20.12		150.0	

10168- CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	4.94	76.27	21.92	3.01	150.0	± 9.6 %
		Y	4.16	75.85	22.10		150.0	
		Z	3.56	72.23	19.84		150.0	
10169- CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	Х	2.88	69.33	19.49	3.01	150.0	± 9.6 %
		Y	2.45	67.37	18.76		150.0	
		Z	2.30	65.76	17.24		150.0	
10170- CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	Х	3.98	75.90	22.12	3.01	150.0	± 9.6 %
		Y	3.10	72.96	21.24		150.0	
		Z	2.68	69.90	19.10		150.0	
10171- AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	Х	3.27	71.70	19.32	3.01	150.0	± 9.6 %
		Υ	2.54	68.67	18.14		150.0	
		Z	2.28	66.68	16.51		150.0	
10172- CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	Х	10.27	101.18	33.63	6.02	65.0	± 9.6 %
		Y	3.35	79.67	26.16		65.0	
		Z	2.73	74.07	22.30		65.0	
10173- CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	Х	43.84	124.70	37.83	6.02	65.0	± 9.6 %
		Υ	7.48	94.47	29.63		65.0	
		Z	3.47	77.82	21.95		65.0	
10174- CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	Х	30.33	115.31	34.56	6.02	65.0	± 9.6 %
		Υ	6.12	89.48	27.22		65.0	
		Z	3.20	76.04	20.65		65.0	
10175- CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	Х	2.85	69.05	19.26	3.01	150.0	± 9.6 %
		Υ	2.43	67.08	18.50		150.0	
		Z	2.28	65.54	17.02		150.0	
10176- CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	3.99	75.93	22.13	3.01	150.0	± 9.6 %
		Y	3.10	72.98	21.26		150.0	
		Z	2.69	69.92	19.11		150.0	
10177- CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	Х	2.87	69.18	19.34	3.01	150.0	± 9.6 %
		Y	2.44	67.20	18.58		150.0	
		Z	2.29	65.63	17.08		150.0	
10178- CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	Х	3.95	75.74	22.03	3.01	150.0	± 9.6 %
		Υ	3.08	72.83	21.17		150.0	
		Z	2.67	69.82	19.05		150.0	
10179- CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	Х	3.61	73.76	20.62	3.01	150.0	± 9.6 %
		Υ	2.79	70.72	19.57		150.0	
		Z	2.46	68.20	17.68		150.0	
10180- CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	Х	3.27	71.65	19.28	3.01	150.0	± 9.6 %
		Y	2.54	68.64	18.11		150.0	
		Z	2.28	66.66	16.49		150.0	
10181- CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	Х	2.86	69.16	19.34	3.01	150.0	± 9.6 %
		Y	2.44	67.18	18.57		150.0	
5.5		Z	2.29	65.62	17.08		150.0	
10182- CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	Х	3.95	75.72	22.02	3.01	150.0	± 9.6 %
		Υ	3.08	72.81	21.16	_	150.0	
		Z	2.67	69.80	19.04		150.0	
10183-	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	3.26	71.62	19.26	3.01	150.0	± 9.6 %
	1 04-Q/101)	1						
AAD	04-QAIVI)	Υ	2.53	68.62	18.09		150.0	

10184- CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	Х	2.87	69.21	19.36	3.01	150.0	± 9.6 %
		Y	2.44	67.22	18.59		150.0	
		Z	2.29	65.65	17.10		150.0	
10185- CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	X	3.97	75.79	22.06	3.01	150.0	± 9.6 %
		Y	3.09	72.88	21.20		150.0	
		Z	2.68	69.86	19.07		150.0	
10186- AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	3.28	71.69	19.30	3.01	150.0	± 9.6 %
		Υ	2.55	68.68	18.13		150.0	
		Z	2.28	66.69	16.51		150.0	
10187- CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	2.88	69.26	19.42	3.01	150.0	± 9.6 %
		Y	2.46	67.31	18.69		150.0	
		Z	2.30	65.72	17.18		150.0	
10188- CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	Х	4.09	76.43	22.42	3.01	150.0	± 9.6 %
		Y	3.18	73.51	21.59		150.0	
		Z	2.74	70.31	19.38		150.0	
10189- AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	Х	3.35	72.12	19.58	3.01	150.0	± 9.6 %
		Y	2.59	69.07	18.41		150.0	
		Z	2.32	66.98	16.74		150.0	
10193- CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	Х	4.52	66.99	16.52	0.00	150.0	± 9.6 %
		Y	4.27	66.96	16.34		150.0	
		Z	4.26	66.75	15.96		150.0	
10194- CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	Х	4.68	67.28	16.65	0.00	150.0	± 9.6 %
		Υ	4.40	67.16	16.48		150.0	
		Z	4.39	66.94	16.09		150.0	
10195- CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	X	4.72	67.31	16.67	0.00	150.0	± 9.6 %
		Υ	4.43	67.16	16.49		150.0	
		Z	4.42	66.94	16.10		150.0	
10196- CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	Х	4.52	67.04	16.53	0.00	150.0	± 9.6 %
		Y	4.25	66.93	16.32		150.0	
		Z	4.24	66.72	15.93		150.0	-
10197- CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	X	4.69	67.30	16.66	0.00	150.0	± 9.6 %
		Y	4.40	67.16	16.49		150.0	
		Z	4.40	66.94	16.09		150.0	
10198- CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	Х	4.72	67.33	16.68	0.00	150.0	± 9.6 %
		Υ	4.42	67.15	16.49		150.0	
		Z	4.41	66.93	16.09		150.0	
10219- CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	Х	4.47	67.07	16.51	0.00	150.0	± 9.6 %
		Υ	4.20	67.00	16.31		150.0	
		Z	4.20	66.76	15.91		150.0	
10220- CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	Х	4.69	67.26	16.65	0.00	150.0	± 9.6 %
		Υ	4.40	67.12	16.47		150.0	
		Z	4.39	66.90	16.08		150.0	
10221- CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	Х	4.73	67.25	16.66	0.00	150.0	± 9.6 %
		Υ	4.44	67.10	16.48		150.0	
		Z	4.43	66.89	16.09		150.0	
10222-	IEEE 802.11n (HT Mixed, 15 Mbps,	Х	5.07	67.35	16.74	0.00	150.0	± 9.6 %
CAC	I DESIN							
CAC	BPSK)	Υ	4.84	67.13	16.64		150.0	

10225- CAB UMTS CAB UMTS CAB 10226- LTE-1 CAA 16-Q 10227- CAA 64-Q 10228- CAA QPS 10229- CAC QAM 10230- CAC QAM 10231- CAC QAM 10231- CAC QAM 10232- CAE QAM 10233- LTE-1 CAE QAM 10234- CAE QAM 10235- CAE QAM 10235- CAE QPS 10235- CAE 16-Q 1025- CAE 16-Q		4				0.00	150.0	± 9.6 %
10225- UMTS CAB  10226- LTE CAA 16-Q/  10227- CAA 64-Q/  10228- CAA QPS/  10229- CAC QAM)  10230- LTE CAC QAM)  10231- CAC QAM)  10231- LTE CAC QAM)  10232- LTE CAC QAM)  10233- LTE CAE QAM)  10233- LTE CAE QAM)		Y	5.07	67.25	16.70		150.0	
10225- UMTS CAB  10226- LTE- CAA 16-Q  10227- CAA 64-Q  10228- CAA QPS  10229- CAC QAM  10230- CAC QAM  10231- CAC QAM  10231- CAC QAM  10232- LTE- CAC QAM  10233- LTE- CAE QAM  10233- LTE- CAE QAM  10234- CAE QAM  10235- CAE QAM  10236- LTE-1 CAE LTE-1 CAE CAE QAM		Z	5.05	67.07	16.32		150.0	
10226- LTE-1 CAA 16-Q/ 10227- LTE-64-Q/ 10228- LTE-7 CAA QPS/ 10229- LTE-7 CAC QAM) 10231- LTE-1 CAC QPS/ 10232- LTE-1 CAE QAM) 10233- LTE-1 CAE QAM) 10234- LTE-1 CAE QAM) 10235- LTE-1 CAE QPS/ 10236- LTE-1	EE 802.11n (HT Mixed, 150 Mbps, 64-M)	X	5.11	67.46	16.73	0.00	150.0	± 9.6 %
10226- LTE-1 CAA 16-Q/ 10227- LTE-64-Q/ 10228- LTE-7 CAA QPS/ 10229- LTE-7 CAC QAM) 10231- LTE-1 CAC QPS/ 10232- LTE-1 CAE QAM) 10233- LTE-1 CAE QAM) 10234- LTE-1 CAE QAM) 10235- LTE-1 CAE QPS/ 10236- LTE-1		Y	4.88	67.27	16.64		150.0	
10226- LTE-1 CAA		Z	4.86	67.07	16.24		150.0	
10227- LTE-TCAA 64-Q/ 10228- LTE-TCAA QPS/ 10229- LTE-TCAC QAM) 10230- LTE-TCAC QAM) 10231- LTE-TCAC QAM) 10232- LTE-TCAE QAM) 10233- LTE-TCAE QAM) 10234- LTE-TCAE QAM) 10235- LTE-TCAE QAM)	TS-FDD (HSPA+)	X	2.85	67.06	15.94	0.00	150.0	± 9.6 %
10227- LTE-TCAA 64-Q/ 10228- LTE-TCAA QPS/ 10229- LTE-TCAC QAM) 10230- LTE-TCAC QAM) 10231- LTE-TCAC QAM) 10232- LTE-TCAE QAM) 10233- LTE-TCAE QAM) 10234- LTE-TCAE QAM) 10235- LTE-TCAE QPS/ 10236- LTE-TCAE LTE-TCAE QPS/		Y	2.54	66.58	14.94		150.0	
10227- LTE-TCAA 64-Q/ 10228- LTE-TCAA QPS/ 10229- LTE-TCAC QAM) 10230- LTE-TCAC QAM) 10231- LTE-TCAC QAM) 10232- LTE-TCAE QAM) 10233- LTE-TCAE QAM) 10234- LTE-TCAE QAM) 10235- LTE-TCAE QPS/ 10236- LTE-TCAE LTE-TCAE QPS/		Z	2.52	65.90	14.39		150.0	
CAA 64-Q/ 10228- LTE-TCAA QPSk  10229- LTE-TCAC QAM)  10230- LTE-TCAC QAM)  10231- LTE-TCAC QAM)  10232- LTE-TCAE QAM)  10233- LTE-TCAE QAM)  10234- LTE-TCAE QAM)  10235- LTE-TCAE QPSk  10236- LTE-TCAE 16-Q/	E-TDD (SC-FDMA, 1 RB, 1.4 MHz, QAM)	Х	50.73	127.79	38.72	6.02	65.0	± 9.6 %
CAA 64-Q/ 10228- LTE-TCAA QPSk  10229- CAC QAM)  10230- CAC QAM)  10231- CAC QAM)  10232- CAE QAM)  10233- CAE QAM)  10234- CAE QAM)  10234- CAE QAM)  10235- CAE QAM)		Y	8.23	96.51	30.41		65.0	
CAA 64-Q/ 10228- LTE-TCAA QPSk  10229- CAC QAM)  10230- CAC QAM)  10231- CAC QAM)  10232- CAE QAM)  10233- CAE QAM)  10234- CAE QAM)  10234- CAE QAM)  10235- CAE QAM)		Z	3.63	78.68	22.38		65.0	
CAA QPSP  10229- LTE-1 CAC QAM)  10230- LTE-1 CAC QAM)  10231- LTE-1 CAC QAM)  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSP  10235- LTE-1 CAE QPSP	E-TDD (SC-FDMA, 1 RB, 1.4 MHz, QAM)	Х	53.37	125.81	37.31	6.02	65.0	± 9.6 %
CAA QPSP  10229- LTE-1 CAC QAM)  10230- LTE-1 CAC QAM)  10231- LTE-1 CAC QAM)  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSP  10235- LTE-1 CAE QPSP		Y	9.16	97.18	29.83		65.0	
CAA QPSP  10229- LTE-1 CAC QAM)  10230- LTE-1 CAC QAM)  10231- LTE-1 CAC QAM)  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSP  10235- LTE-1 CAE QPSP  10236- LTE-1		Z	3.60	77.85	21.36		65.0	
CAC QAM)  10230- LTE-1 CAC QAM)  10231- LTE-1 CAC QPSk  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE QPSk  10235- LTE-1 CAE LTE-1	E-TDD (SC-FDMA, 1 RB, 1.4 MHz, SK)	Х	11.60	104.22	34.69	6.02	65.0	± 9.6 %
CAC QAM)  10230- LTE-1 CAC QAM)  10231- LTE-1 CAC QPSk  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE QPSk  10235- LTE-1 CAE LTE-1		Υ	3.85	83.17	27.72		65.0	
CAC QAM)  10230- LTE-1 CAC QAM)  10231- LTE-1 CAC QPSk  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE QPSk  10235- LTE-1 CAE LTE-1		Z	2.78	74.50	22.51		65.0	
CAC QAM)  10231- LTE-1 CAC QPSk  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE 16-Q/	E-TDD (SC-FDMA, 1 RB, 3 MHz, 16- M)	Х	44.18	124.81	37.86	6.02	65.0	± 9.6 %
CAC QAM)  10231- LTE-1 CAC QPSk  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE 16-Q/		Y	7.55	94.61	29.68		65.0	
CAC QAM)  10231- LTE-1 CAC QPSk  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE 16-Q/		Z	3.49	77.91	21.99		65.0	
CAC QPSh  10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSh  10235- LTE-1 CAE 16-Q/	E-TDD (SC-FDMA, 1 RB, 3 MHz, 64- M)	Х	45.67	122.73	36.45	6.02	65.0	± 9.6 %
10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSh  10235- LTE-1 CAE 16-Q/		Y	8.18	94.94	29.03		65.0	
10232- LTE-1 CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSh  10235- LTE-1 CAE 16-Q/		Z	3.43	77.01	20.96		65.0	
CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE 16-Q/	E-TDD (SC-FDMA, 1 RB, 3 MHz, SK)	X	10.92	102.81	34.17	6.02	65.0	± 9.6 %
CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE 16-Q/		Y	3.70	82.23	27.26		65.0	
CAE QAM)  10233- LTE-1 CAE QAM)  10234- LTE-1 CAE QPSk  10235- LTE-1 CAE 16-Q/		Z	2.71	73.97	22.20		65.0	
CAE QAM)  10234- LTE-1 CAE QPSh  10235- LTE-1 CAE 16-Q/	E-TDD (SC-FDMA, 1 RB, 5 MHz, 16-M)	Х	44.14	124.82	37.86	6.02	65.0	± 9.6 %
10234- LTE-1 CAE QPSh 10235- LTE-1 CAE 16-Q/		Y	7.53	94.57	29.67		65.0	
CAE QAM)  10234- LTE-1 CAE QPSh  10235- LTE-1 CAE 16-Q/		Z	3.49	77.89	21.98		65.0	
10235- LTE-1 CAE 16-Q/	E-TDD (SC-FDMA, 1 RB, 5 MHz, 64- M)	Х	45.45	122.67	36.44	6.02	65.0	± 9.6 %
10235- LTE-1 CAE 16-Q/		Y	8.13	94.85	29.01		65.0	
10235- LTE-1 CAE 16-Q/		Z	3.42	76.97	20.95		65.0	
16-Q/ 10236- LTE-1	E-TDD (SC-FDMA, 1 RB, 5 MHz, SK)	Х	10.46	101.69	33.68	6.02	65.0	± 9.6 %
10236- LTE-1		Υ	3.60	81.60	26.88		65.0	
16-Q/ 10236- LTE-1		Z	2.66	73.56	21.91		65.0	
	E-TDD (SC-FDMA, 1 RB, 10 MHz, QAM)	Х	44.43	124.97	37.91	6.02	65.0	± 9.6 %
		Υ	7.54	94.62	29.69		65.0	
		Z	3.48	77.90	21.99		65.0	
	E-TDD (SC-FDMA, 1 RB, 10 MHz, QAM)	Х	47.11	123.27	36.58	6.02	65.0	± 9.6 %
		Y	8.29	95.15	29.09		65.0	
		Z	3.46	77.10	21.00		65.0	
10237- LTE-1 CAE QPSk	E-TDD (SC-FDMA, 1 RB, 10 MHz, SK)	Х	10.97	102.96	34.22	6.02	65.0	± 9.6 %
		Υ	3.69	82.24	27.27		65.0	
		Z	2.71	73.97	22.20		65.0	
10238- LTE-1 CAE 16-QA	E-TDD (SC-FDMA, 1 RB, 15 MHz, QAM)	X	44.06	124.81	37.86	6.02	65.0	± 9.6 %
		Y	7.51	94.54	29.66		65.0	
		Z	3.48	77.86	21.97		65.0	

10239- CAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	45.22	122.61	36.43	6.02	65.0	± 9.6 %
O/ IL	OT CONTROL	Y	8.09	94.78	28.99		65.0	
		Z	3.41	76.93	20.94		65.0	
10240- CAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	10.93	102.89	34.20	6.02	65.0	± 9.6 %
		Υ	3.69	82.22	27.26		65.0	
		Z	2.70	73.95	22.20		65.0	
10241- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	7.96	83.41	27.14	6.98	65.0	± 9.6 %
		Y	6.06	80.27	25.96		65.0	
		Z	5.23	76.45	23.46		65.0	
10242- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	7.64	82.53	26.70	6.98	65.0	± 9.6 %
		Y	5.62	78.66	25.19		65.0	
		Z	5.13	76.23	23.31		65.0	
10243- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	Х	5.90	77.79	25.69	6.98	65.0	± 9.6 %
		Y	4.59	74.40	24.22		65.0	
		Z	4.42	73.16	22.83		65.0	
10244- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	6.81	80.04	20.38	3.98	65.0	± 9.6 %
		Y	3.08	68.96	14.04		65.0	1
		Z	2.39	65.02	11.41		65.0	
10245- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	Х	6.37	78.66	19.78	3.98	65.0	± 9.6 %
		Y	2.93	68.04	13.53		65.0	
		Z	2.37	64.68	11.18		65.0	
10246- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	Х	9.78	90.51	24.65	3.98	65.0	± 9.6 %
		Υ	3.08	72.86	16.24		65.0	
		Z	2.31	67.91	13.65		65.0	
10247- CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	5.30	76.98	20.35	3.98	65.0	± 9.6 %
		Υ	3.24	69.99	15.81		65.0	
		Z	2.91	67.60	14.25		65.0	
10248- CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	5.14	75.84	19.84	3.98	65.0	± 9.6 %
		Υ	3.13	68.99	15.31		65.0	
		Z	2.89	67.06	13.97		65.0	
10249- CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	11.37	94.18	27.10	3.98	65.0	± 9.6 %
		Υ	5.75	83.36	22.14		65.0	
		Z	3.43	73.61	17.72		65.0	
10250- CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	5.86	78.36	22.81	3.98	65.0	± 9.6 %
		Y	4.45	74.93	20.78		65.0	
		Z	4.01	71.92	18.78		65.0	
10251- CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	Х	5.49	75.73	21.27	3.98	65.0	± 9.6 %
		Y	4.06	71.83	18.86		65.0	
		Z	3.81	69.88	17.38		65.0	
10252- CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	8.57	88.42	26.34	3.98	65.0	± 9.6 %
		Υ	5.71	82.90	23.92		65.0	
		Z	4.26	75.99	20.41		65.0	
10253- CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	Х	5.45	74.23	21.01	3.98	65.0	± 9.6 %
		Υ	4.27	71.17	19.23		65.0	
		Z	4.13	69.83	18.01	1	65.0	
10254- CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	5.77	75.07	21.68	3.98	65.0	± 9.6 %
CAE		1			00.04		05.0	
		Y	4.58	72.23	20.04		65.0	

10255- CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	6.71	81.15	23.81	3.98	65.0	± 9.6 %
		Y	4.96	77.39	22.12		65.0	
		Z	4.37	73.85	19.90		65.0	
10256- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	Х	4.66	73.77	16.60	3.98	65.0	± 9.6 %
		Y	1.91	63.05	9.53		65.0	
		Z	1.73	61.81	8.33		65.0	
10257- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	Х	4.29	72.19	15.81	3.98	65.0	± 9.6 %
		Y	1.87	62.57	9.13		65.0	
		Z	1.72	61.55	8.07		65.0	
10258- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	5.77	80.94	20.16	3.98	65.0	± 9.6 %
		Y	1.65	64.10	10.58		65.0	
		Z	1.60	63.22	9.93		65.0	
10259- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	5.56	77.62	21.29	3.98	65.0	± 9.6 %
		Y	3.79	72.33	17.85		65.0	
		Z	3.34	69.40	15.99		65.0	
10260- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	Х	5.51	77.02	21.02	3.98	65.0	± 9.6 %
		Υ	3.78	71.85	17.60		65.0	
		Z	3.38	69.18	15.86		65.0	
10261- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	Х	8.86	89.53	26.06	3.98	65.0	± 9.6 %
		Y	5.39	82.13	22.45		65.0	
		Z	3.66	74.13	18.59		65.0	
10262- CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	Х	5.85	78.31	22.76	3.98	65.0	± 9.6 %
		Y	4.43	74.82	20.70		65.0	
		Z	4.00	71.84	18.72		65.0	
10263- CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	5.48	75.69	21.26	3.98	65.0	± 9.6 %
		Y	4.05	71.81	18.86		65.0	
		Z	3.81	69.86	17.38		65.0	
10264- CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	Х	8.45	88.12	26.21	3.98	65.0	± 9.6 %
		Y	5.62	82.56	23.76		65.0	
		Z	4.22	75.80	20.30		65.0	
10265- CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	Х	5.58	74.84	21.33	3.98	65.0	± 9.6 %
		Y	4.31	71.48	19.54		65.0	
		Z	4.17	70.10	18.29		65.0	
10266- CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	Х	5.92	75.72	22.06	3.98	65.0	± 9.6 %
		Y	4.67	72.72	20.49		65.0	
		Z	4.50	71.19	19.17		65.0	
10267- CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	7.25	82.36	24.06	3.98	65.0	± 9.6 %
		Υ	5.25	78.25	22.36		65.0	
		Z	4.56	74.46	20.05		65.0	
10268- CAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	Х	6.09	74.15	21.38	3.98	65.0	± 9.6 %
		Y	4.91	71.34	20.00		65.0	
		Z	4.85	70.45	19.01		65.0	
10269- CAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	Х	6.05	73.61	21.18	3.98	65.0	± 9.6 %
		Y	4.94	70.97	19.84		65.0	
		Z	4.89	70.19	18.91		65.0	
10270- CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	Х	6.50	77.53	22.19	3.98	65.0	± 9.6 %
CAE					-			+
V. 1.		Y	5.09	74.56	20.95		65.0	

10274- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.69	67.85	16.10	0.00	150.0	± 9.6 %
		Y	2.43	67.48	15.13		150.0	
		Z	2.37	66.48	14.46		150.0	
10275- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	Х	1.93	71.87	17.82	0.00	150.0	± 9.6 %
07.10	10.0.17	Υ	1.61	70.34	16.31		150.0	
		Z	1.41	67.03	14.59		150.0	
10277- CAA	PHS (QPSK)	X	1.55	60.36	5.79	9.03	50.0	± 9.6 %
CAA		Υ	1.19	58.00	3.22		50.0	
		Ż	1.19	58.34	3.50		50.0	
10278- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	X	8.18	81.96	18.94	9.03	50.0	± 9.6 %
		Υ	2.23	63.61	9.17		50.0	
		Z	2.17	63.21	8.83		50.0	
10279- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	Х	8.52	82.49	19.21	9.03	50.0	± 9.6 %
		Υ	2.29	63.84	9.37		50.0	
		Z	2.22	63.40	9.01		50.0	
10290- AAB	CDMA2000, RC1, SO55, Full Rate	X	2.49	76.91	17.23	0.00	150.0	± 9.6 %
		Υ	0.61	61.72	7.72		150.0	
		Z	0.74	62.98	9.09		150.0	
10291- AAB	CDMA2000, RC3, SO55, Full Rate	Х	1.43	74.29	16.20	0.00	150.0	± 9.6 %
		Υ	0.37	60.19	6.37		150.0	
		Z	0.50	61.95	8.36		150.0	
10292- AAB	CDMA2000, RC3, SO32, Full Rate	Х	11.21	103.35	25.88	0.00	150.0	± 9.6 %
		Υ	0.44	62.36	7.89		150.0	
		Z	0.62	64.80	10.23		150.0	
10293- AAB	CDMA2000, RC3, SO3, Full Rate	Х	100.00	136.90	34.56	0.00	150.0	± 9.6 %
		Υ	1.36	72.74	12.86		150.0	
		Z	1.08	70.91	13.43		150.0	
10295- AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	Х	36.72	113.12	33.04	9.03	50.0	± 9.6 %
		Υ	100.00	117.40	30.34		50.0	
		Z	18.29	92.71	23.63		50.0	
10297- AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	Х	3.00	71.94	18.02	0.00	150.0	± 9.6 %
		Y	2.61	70.85	17.34		150.0	
		Z	2.40	68.73	16.08		150.0	
10298- AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	Х	1.96	71.97	16.03	0.00	150.0	± 9.6 %
		Υ	0.87	62.93	9.42		150.0	
		Z	0.95	63.23	9.98		150.0	
10299- AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	2.95	71.95	15.07	0.00	150.0	± 9.6 %
		Υ	1.22	62.64	8.78		150.0	
		Z	1.11	61.60	7.96		150.0	
10300- AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	Х	1.84	65.12	11.15	0.00	150.0	± 9.6 %
		Y	0.98	60.32	6.73		150.0	
		Z	0.95	60.03	6.39		150.0	
10301- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	Х	4.75	66.04	17.88	4.17	50.0	± 9.6 %
		Y	4.37	65.92	17.44		50.0	-
		Z	4.09	64.54	16.57		50.0	
10302- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	Х	5.20	66.56	18.56	4.96	50.0	± 9.6 %
		Y	4.73	65.90	17.82		50,0	
							50.0	

10303- AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	Х	4.93	66.16	18.37	4.96	50.0	± 9.6 %
		Y	4.53	66.02	17.92		50.0	
		Z	4.34	64.84	17.10		50.0	
10304- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	Х	4.77	66.10	17.89	4.17	50.0	± 9.6 %
		Y	4.33	65.57	17.19		50.0	
		Z	4.19	64.88	16.70		50.0	
10305- AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	Х	4.26	67.64	19.75	6.02	35.0	± 9.6 %
		Y	3.85	66.93	18.26		35.0	
		Z	3.54	64.98	17.22		35.0	
10306- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	Х	4.62	66.78	19.42	6.02	35.0	± 9.6 %
		Y	4.22	66.33	18.38		35.0	
		Z	3.98	64.89	17.51		35.0	
10307- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	Х	4.50	66.86	19.35	6.02	35.0	± 9.6 %
		Y	4.09	66.28	18.23		35.0	
		Z	3.85	64.77	17.34		35.0	
10308- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	Х	4.48	67.08	19.51	6.02	35.0	± 9.6 %
		Y	4.07	66.49	18.38		35.0	
		Z	3.81	64.90	17.46		35.0	
10309- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	Х	4.67	66.99	19.57	6.02	35.0	± 9.6 %
		Y	4.23	66.38	18.47		35.0	
		Z	3.99	64.92	17.59		35.0	
10310- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	4.56	66.82	19.39	6.02	35.0	± 9.6 %
		Y	4.17	66.39	18.37		35.0	
		Z	3.93	64.89	17.48		35.0	
10311- AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	3.37	70.90	17.49	0.00	150.0	± 9.6 %
		Y	2.96	69.72	16.88		150.0	
		Z	2.76	68.01	15.80		150.0	
10313- AAA	iDEN 1:3	Х	12.92	95.50	24.61	6.99	70.0	± 9.6 %
		Y	2.79	75.33	17.37		70.0	
		Z	1.89	68.76	14.38		70.0	
10314- AAA	iDEN 1:6	X	29.11	117.11	34.35	10.00	30.0	± 9.6 %
		Y	23.55	110.51	31.28		30.0	
		Z	3.32	77.50	20.87		30.0	
10315- AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	1.12	65.39	16.76	0.17	150.0	± 9.6 %
		Υ	0.99	64.60	15.94		150.0	
		Z	1.02	63.09	14.44		150.0	
10316- AAB	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 96pc duty cycle)	X	4.57	67.05	16.70	0.17	150.0	± 9.6 %
		Y	4.29	66.89	16.47		150.0	
		Z	4.27	66.58	16.00		150.0	
10317- AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	Х	4.57	67.05	16.70	0.17	150.0	± 9.6 %
		Υ	4.29	66.89	16.47		150.0	
		Z	4.27	66.58	16.00		150.0	
10400- AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	Х	4.67	67.36	16.66	0.00	150.0	± 9.6 %
		Υ	4.34	67.13	16.44		150.0	
		Z	4.33	66.89	16.04		150.0	
10401- AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	Х	5.40	67.51	16.81	0.00	150.0	± 9.6 %
		Y	5.01	66.77	16.42		150.0	
		1 1	0.01	00.77	10.42		100.0	

10402- AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	Х	5.63	67.66	16.74	0.00	150.0	± 9.6 %
	2170 4417 07010/	Y	5.39	67.40	16.64		150.0	
		Z	5.38	67.29	16.30		150.0	
10403- AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	2.49	76.91	17.23	0.00	115.0	± 9.6 %
0.0		Υ	0.61	61.72	7.72		115.0	
		Z	0.74	62.98	9.09		115.0	
10404- AAB	CDMA2000 (1xEV-DO, Rev. A)	X	2.49	76.91	17.23	0.00	115.0	± 9.6 %
		Υ	0.61	61.72	7.72		115.0	
		Z	0.74	62.98	9.09		115.0	
10406- AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	Х	100.00	124.66	31.41	0.00	100.0	± 9.6 %
		Υ	100.00	124.13	30.20		100.0	
		Z	28.32	101.34	22.91		100.0	
10410- AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	Х	100.00	133.35	35.02	3.23	80.0	± 9.6 %
		Υ	100.00	140.53	37.12		80.0	
		Z	1.93	74.89	16.58		80.0	
10415- \AA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	Х	1.05	64.55	16.13	0.00	150.0	± 9.6 %
		Υ	0.94	63.97	15.39		150.0	
		Z	0.98	62.74	14.12	>	150.0	
10416- AAA	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 99pc duty cycle)	Х	4.52	67.02	16.60	0.00	150.0	± 9.6 %
		Y	4.25	66.91	16.41		150.0	
		Z	4.25	66.69	16.02		150.0	
10417- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	Х	4.52	67.02	16.60	0.00	150.0	± 9.6 %
		Υ	4.25	66.91	16.41		150.0	
		Z	4.25	66.69	16.02		150.0	
10418- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	X	4.52	67.23	16.64	0.00	150.0	± 9.6 %
		Υ	4.25	67.16	16.49		150.0	
		Z	4.24	66.90	16.08		150.0	
10419- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	X	4.53	67.16	16.63	0.00	150.0	± 9.6 %
		Y	4.27	67.07	16.47		150.0	
		Z	4.26	66.83	16.06		150.0	
10422- AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	Х	4.64	67.12	16.63	0.00	150.0	± 9.6 %
		Υ	4.37	67.02	16.47		150.0	
		Z	4.36	66.81	16.08		150.0	
10423- AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	X	4.80	67.42	16.73	0.00	150.0	± 9.6 %
		Y	4.48	67.27	16.55		150.0	
		Z	4.48	67.05	16.16		150.0	
10424- AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	X	4.72	67.38	16.72	0.00	150.0	± 9.6 %
		Y	4.42	67.22	16.53		150.0	
		Z	4.41	66.99	16.13	0.00	150.0	
10425- AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	X	5.33	67.58	16.85	0.00	150.0	± 9.6 %
	4	Υ	5.06	67.34	16.73		150.0	-
		Z	5.03	67.11	16.33		150.0	
10426- AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	X	5.35	67.68	16.90	0.00	150.0	± 9.6 %
		Y	5.12	67.57	16.84		150.0	
		Z	5.06	67.23	16.38	1	150.0	

10427- AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	X	5.35	67.58	16.84	0.00	150.0	± 9.6 %
		Y	5.05	67.24	16.67		150.0	
		Z	5.03	67.04	16.28		150.0	
10430- AAC	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	Х	4.37	72.10	18.83	0.00	150.0	± 9.6 %
		Y	4.47	74.18	19.05		150.0	
		Z	4.08	72.11	17.90		150.0	
10431- AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	X	4.20	67.76	16.65	0.00	150.0	± 9.6 %
		Y	3.86	67.64	16.25		150.0	
		Z	3.83	67.21	15.78		150.0	
10432- AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	Х	4.50	67.51	16.69	0.00	150.0	± 9.6 %
		Υ	4.18	67.39	16.45		150.0	
		Z	4.17	67.08	16.03		150.0	
10433- AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	X	4.74	67.41	16.73	0.00	150.0	± 9.6 %
		Y	4.44	67.26	16.55		150.0	
10.10.1		Z	4.43	67.03	16.16		150.0	
10434- AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.56	73.29	18.88	0.00	150.0	± 9.6 %
		Υ	4.60	74.94	18.61		150.0	
10405	LITE TOD (OO FDM: 1 DD co.:::	Z	4.09	72.57	17.43		150.0	
10435- AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	133.09	34.90	3.23	80.0	± 9.6 %
		Υ	100.00	140.15	36.94		80.0	
10447- AAC	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	1.87 3.52	74.40 68.05	16.34 16.00	0.00	80.0 150.0	± 9.6 %
7010	Olipping 4476)	Υ	3.05	67.23	14.72	-	150.0	
		Z	3.01	66.67				
10448- AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	X	4.05	67.56	14.29 16.52	0.00	150.0 150.0	± 9.6 %
		Υ	3.73	67.45	16.13	_	150.0	
		Z	3.70	67.02	15.66	_	150.0	-
10449- AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	X	4.32	67.35	16.60	0.00	150.0	± 9.6 %
		Υ	4.03	67.22	16.36		150.0	
		Z	4.02	66.91	15.93		150.0	
10450- AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.51	67.20	16.60	0.00	150.0	± 9.6 %
		Υ	4.25	67.04	16.41		150.0	
		Ζ	4.24	66.81	16.01		150.0	
10451- AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	Х	3.41	68.26	15.56	0.00	150.0	± 9.6 %
		Υ	2.78	66.55	13.62		150.0	
		Z	2.74	66.10	13.32		150.0	
10456- AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	Х	6.23	68.13	16.99	0.00	150.0	± 9.6 %
		Υ	6.06	67.94	16.93		150.0	
		Z	5.99	67.72	16.54		150.0	
10457- AAA	UMTS-FDD (DC-HSDPA)	X	3.80	65.66	16.32	0.00	150.0	± 9.6 %
		Y	3.64	65.71	16.17		150.0	
10458- AAA	CDMA2000 (1xEV-DO, Rev. B, 2	X	3.65 4.19	65.53 72.59	15.76 18.20	0.00	150.0 150.0	± 9.6 %
~~~	carriers)	Υ	2 // /	70.62	15.00		150.0	
			3.44	70.63	15.88		150.0	
10459-	CDMA2000 (4xEV/ DO Dov. D. 2	Z	3.25	69.44	15.28	0.00	150.0	1000
10459- AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	X	5.05	68.97	18.39	0.00	150.0	± 9.6 %
		Y	4.78	69.64	17.90		150.0	
		Z	4.61	68.72	17.22		150.0	

10460- AAA	UMTS-FDD (WCDMA, AMR)	X	1.38	77.31	21.02	0.00	150.0	± 9.6 %
		Υ	1.15	75.32	18.99		150.0	
		Z	0.79	66.71	14.85		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	141.33	38.66	3.29	80.0	± 9.6 %
		Υ	100.00	148.68	40.83		80.0	
		Z	1.05	68.19	14.98		80.0	
10462- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	112.90	25.54	3.23	80.0	± 9.6 %
		Υ	100.00	105.38	21.47		80.0	
		Z	0.58	60.00	6.71		80.0	
10463- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	106.35	22.57	3.23	80.0	± 9.6 %
		Υ	0.58	60.00	7.34		80.0	
		Z	0.29	55.62	3.67		80.0	
10464- AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	100.00	138.78	37.26	3.23	80.0	± 9.6 %
		Υ	100.00	145.19	38.97		80.0	
		Z	0.84	65.53	13.12		80.0	
	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	111.89	25.08	3.23	80.0	± 9.6 %
		Υ	1.12	66.09	10.88		80.0	
		Z	0.58	60.00	6.63		80.0	
10466- AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	105.47	22.18	3.23	80.0	± 9.6 %
		Υ	0.59	60.00	7.28		80.0	
		Z	0.62	60.00	5.90		80.0	
10467- AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	100.00	139.20	37.44	3.23	80.0	± 9.6 %
		Υ	100.00	145.91	39.28		80.0	\
		Z	0.86	65.95	13.36		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	112.24	25.24	3.23	80.0	± 9.6 %
7.0.		Υ	1.51	68.80	11.95		80.0	
		Z	0.58	60.00	6.66		80.0	
10469- AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	105.51	22.19	3.23	80.0	± 9.6 %
		Y	0.58	60.00	7.28		80.0	
		Z	0.62	60.00	5.90		80.0	
10470- AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	100.00	139.29	37.47	3.23	80.0	± 9.6 %
		Υ	100.00	146.03	39.32		80.0	
		Z	0.86	65.94	13.35		80.0	
10471- AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	112.14	25.19	3.23	80.0	± 9.6 %
		Υ	1.42	68.21	11.71		80.0	
		Z	0.58	60.00	6.64		80.0	
10472- AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	105.38	22.13	3.23	80.0	± 9.6 %
		Υ	0.58	60.00	7.26		80.0	
		Z	0.62	60.00	5.88		80.0	
10473- AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	100.00	139.25	37.45	3.23	80.0	± 9.6 %
		Y	100.00	145.99	39.30		80.0	
		Z	0.85	65.91	13.34		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	112.15	25.19	3.23	80.0	± 9.6 %
		Y	1.38	67.99	11.63		80.0	
		Z	0.58	60.00	6.64		80.0	
10475-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	105.41	22.14	3.23	80.0	± 9.6 %
AAD	JAIVI. OL SUDITATIE-Z.J.4.7.0.31							
AAD	QAIVI, OL Subiranie-2,5,4,7,6,9)	Y	0.58	60.00	7.26		80.0	

10477- AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	111.83	25.04	3.23	80.0	± 9.6 %
		Y	1.12	66.05	10.84		80.0	
		Z	0.58	60.00	6.61		80.0	
10478- AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	105.29	22.09	3.23	80.0	± 9.6 %
		Υ	0.58	60.00	7.25		80.0	
		Z	0.62	60.00	5.86		80.0	
10479- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	100.00	131.47	36.03	3.23	80.0	± 9.6 %
		Υ	100.00	133.85	36.04		80.0	
		Z	2.59	74.04	17.62		80.0	
10480- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	118.25	29.83	3.23	80.0	± 9.6 %
		Y	100.00	114.82	27.22		80.0	
10101		Z	1.46	64.13	11.07		80.0	
10481- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	115.63	28.54	3.23	80.0	± 9.6 %
		Y	100.00	110.65	25.24		80.0	
10400	LTE TDD (00 ED) (4 E00) ED E00	Z	1.18	61.71	9.46		80.0	
10482- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	8.79	89.83	23.47	2.23	80.0	± 9.6 %
		Y	1.73	67.69	13.23		80.0	
10400	LTE TOD (OO SOME TOS: TO THE	Z	1.10	61.75	10.28		80.0	
10483- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	10.12	86.17	21.31	2.23	80.0	± 9.6 %
		Υ	1.79	64.61	11.19		80.0	
40404	LTE TOD (OO EDIM FOR DE CANA	Z	1.19	60.00	8.30		80.0	
10484- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	7.67	82.22	20.04	2.23	80.0	± 9.6 %
		Υ	1.64	63.35	10.58		80.0	
		Z	1.22	60.00	8.29		80.0	
10485- AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	6.22	85.94	23.66	2.23	80.0	± 9.6 %
		Υ	4.22	80.39	20.24		80.0	
		Z	1.70	66.32	14.15		80.0	
10486- AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	4.24	75.38	18.95	2.23	80.0	± 9.6 %
		Υ	2.24	67.28	13.89		80.0	
		Z	1.69	63.02	11.59		80.0	
10487- AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	4.06	74.32	18.50	2.23	80.0	± 9.6 %
		Υ	2.17	66.44	13.47		80.0	
		Z	1.70	62.76	11.41		80.0	
10488- AAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	4.49	78.56	21.91	2.23	80.0	± 9.6 %
		Υ	3.36	75.61	20.31		80.0	
		Z	2.26	67.84	16.31		80.0	1
10489- AAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.73	71.82	19.01	2.23	80.0	± 9.6 %
		Υ	3.07	70.26	17.69		80.0	
		Z	2.50	66.09	15.22		80.0	
10490- AAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.78	71.41	18.82	2.23	80.0	± 9.6 %
		Y	3.12	69.88	17.50		80.0	
1015		Z	2.58	66.02	15.17		80.0	
10491- AAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	4.22	74.55	20.40	2.23	80.0	± 9.6 %
		Υ	3.28	72.04	19.15		80.0	
10.455		Z	2.64	67.39	16.42		80.0	
10492- AAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.88	69.90	18.48	2.23	80.0	± 9.6 %
		Υ	3.27	68.53	17.52		80.0	
		Z	2.92	65.96	15.74		80.0	

10493- AAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.92	69.66	18.37	2.23	80.0	± 9.6 %
	(-1.1.1.1.1	Y	3.31	68.32	17.41		80.0	
		Z	2.98	65.89	15.70		80.0	
10494- AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.83	77.03	21.23	2.23	80.0	± 9.6 %
7 0 12	g. 614 62 64616176 24-1717-1919	Y	3.62	73.79	19.81		80.0	
		Z	2.77	68.33	16.78		80.0	
10105	LITE TOD (OO FOMA FOR DD 20 MILE	X	3.92	70.31	18.72	2.23	80.0	± 9.6 %
10495- AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)					2.25	80.0	1 0.0 70
		Y	3.29	68.74	17.78			
		Z	2.94	66.14	15.96		80.0	. 0.00
10496- AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.97	69.85	18.53	2.23	80.0	± 9.6 %
		Y	3.35	68.43	17.65		80.0	
		Z	3.03	66.06	15.95		80.0	
10497- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	5.80	81.90	19.36	2.23	80.0	± 9.6 %
		Y	0.84	60.00	7.66		80.0	
		Z	0.88	60.00	7.71		80.0	
10498- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	1.60	62.99	10.51	2.23	80.0	± 9.6 %
		Y	1.04	60.00	6.28		80.0	
		Z	1.06	60.00	6.38		80.0	
10499- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.47	61.85	9.76	2.23	80.0	± 9.6 %
	Sapiration Electricity	Υ	1.06	60.00	6.10		80.0	
		Z	1.08	60.00	6.21		80.0	
10500- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.02	81.67	22.56	2.23	80.0	± 9.6 %
		Y	3.72	78.19	20.22		80.0	
		Z	1.93	67.09	15.09		80.0	
10501- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.99	73.87	18.94	2.23	80.0	± 9.6 %
		Y	2.79	69.67	15.87		80.0	
		Z	2.05	64.65	13.18		80.0	
10502- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.01	73.50	18.70	2.23	80.0	± 9.6 %
7010	or commented the second of the	Υ	2.77	69.14	15.53		80.0	-
		Z	2.08	64.49	13.01	(	80.0	
10503- AAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	4.42	78.28	21.78	2.23	80.0	± 9.6 %
		Υ	3.29	75.28	20.16		80.0	
		Z	2.23	67.68	16.21		80.0	
10504- AAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.71	71.71	18.95	2.23	80.0	± 9.6 %
		Y	3.05	70.10	17.60		80.0	
		Z	2.49	66.00	15.15		80.0	
10505- AAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.76	71.31	18.76	2.23	80.0	± 9.6 %
		Y	3.09	69.74	17.41		80.0	
		Z	2.56	65.93	15.11		80.0	
10506- AAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.78	76.84	21.14	2.23	80.0	± 9.6 %
, , , , ,	1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	Y	3.58	73.59	19.71		80.0	
		Z	2.75	68.21	16.72		80.0	
		X	3.90	70.25	18.68	2.23	80.0	± 9.6 %
10507- AAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	^	3.90					
		Y	3.27	68.67	17.73		80.0	

10508- AAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.95	69.78	18.49	2.23	80.0	± 9.6 %
		Y	3.34	68.34	17.59		80.0	
		Z	3.03	65.99	15.91		80.0	
10509- AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.79	73.94	19.90	2.23	80.0	± 9.6 %
		Y	3.82	71.41	18.81		80.0	
		Z	3.24	67.91	16.65		80.0	
10510- AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.31	69.40	18.36	2.23	80.0	± 9.6 %
		Y	3.67	67.84	17.55		80.0	
		Z	3.43	66.09	16.17		80.0	
10511- AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.34	69.03	18.22	2.23	80.0	± 9.6 %
		Y	3.74	67.62	17.47		80.0	
		Z	3.51	66.01	16.16		80.0	
10512- AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.32	76.60	20.83	2.23	80.0	± 9.6 %
		Y	4.01	73.10	19.38		80.0	
		Z	3.23	68.69	16.86		80.0	
10513- AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.22	69.78	18.55	2.23	80.0	± 9.6 %
		Y	3.57	67.99	17.66		80.0	
		Z	3.31	66.12	16.20		80.0	
10514- AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.21	69.19	18.32	2.23	80.0	± 9.6 %
		Y	3.61	67.58	17.50		80.0	
		Z	3.38	65.91	16.14		80.0	
10515- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	1.02	64.92	16.31	0.00	150.0	± 9.6 %
		Y	0.91	64.28	15.53		150.0	
		Z	0.94	62.87	14.14		150.0	
10516- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	2.93	102.46	30.60	0.00	150.0	± 9.6 %
		Y	2.68	98.97	27.33		150.0	
		Z	0.51	67.38	15.40		150.0	
10517- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.94	68.96	18.15	0.00	150.0	± 9.6 %
		Y	0.80	67.69	16.88		150.0	
		Z	0.77	64.18	14.46		150.0	
10518- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	X	4.51	67.12	16.59	0.00	150.0	± 9.6 %
		Y	4.25	67.04	16.42		150.0	
40540		Z	4.24	66.81	16.01	0.77	150.0	
10519- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	X	4.68	67.32	16.68	0.00	150.0	± 9.6 %
		Y	4.38	67.19	16.49		150.0	
40500	LEEE 000 44- IL MUST S OLL (OFFICE 42)	Z	4.37	66.95	16.09	0.00	150.0	. 0 0 0′
10520- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	4.54	67.29	16.62	0.00	150.0	± 9.6 %
		Y	4.24	67.12	16.42		150.0	
	The state of the s	Z	4.23 4.47	66.87 67.29	16.00 16.61	0.00	150.0 150.0	± 9.6 %
	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24	X	7.47					
	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)				16 39		150.0	
		Υ	4.17	67.07	16.39 15.97		150.0 150.0	
10521- AAB 10522- AAB	Mbps, 99pc duty cycle)  IEEE 802.11a/h WiFi 5 GHz (OFDM, 36				16.39 15.97 16.71	0.00	150.0 150.0 150.0	± 9.6 %
AAB	Mbps, 99pc duty cycle)	YZ	4.17 4.16	67.07 66.82	15.97	0.00	150.0	± 9.6 %

10523- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.43	67.32	16.59	0.00	150.0	± 9.6 %
		Y	4.17	67.29	16.45		150.0	
		Z	4.16	67.00	16.03		150.0	
10524- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	Х	4.48	67.34	16.68	0.00	150.0	± 9.6 %
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Y	4.17	67.19	16.50		150.0	
		Z	4.16	66.91	16.07		150.0	
10525- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	X	4.49	66.40	16.28	0.00	150.0	± 9.6 %
		Y	4.23	66.32	16.13		150.0	
		Z	4.21	66.07	15.72		150.0	
10526- AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	X	4.64	66.74	16.41	0.00	150.0	± 9.6 %
		Y	4.34	66.57	16.24		150.0	
		Z	4.31	66.30	15.81		150.0	
10527- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	X	4.57	66.72	16.36	0.00	150.0	± 9.6 %
		Y	4.27	66.55	16.18		150.0	
		Z	4.25	66.27	15.75		150.0	
10528- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	X	4.58	66.73	16.39	0.00	150.0	± 9.6 %
		Y	4.29	66.57	16.21		150.0	
		Z	4.26	66.29	15.79		150.0	
10529- AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	X	4.58	66.73	16.39	0.00	150.0	± 9.6 %
		Y	4.29	66.57	16.21		150.0	
		Z	4.26	66.29	15.79		150.0	
10531- AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	X	4.56	66.82	16.40	0.00	150.0	± 9.6 %
		Y	4.24	66.56	16.18		150.0	
		Z	4.22	66.27	15.74		150.0	
10532- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	Х	4.43	66.68	16.34	0.00	150.0	± 9.6 %
		Y	4.13	66.43	16.12		150.0	
		Z	4.11	66.14	15.68		150.0	
10533- AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	4.59	66.80	16.39	0.00	150.0	± 9.6 %
		Y	4.29	66.66	16.22		150.0	
		Z	4.26	66.37	15.79		150.0	
10534- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	Х	5.12	66.70	16.39	0.00	150.0	± 9.6 %
		Y	4.86	66.45	16.27		150.0	
		Z	4.84	66.26	15.88		150.0	
10535- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	X	5.19	66.90	16.48	0.00	150.0	± 9.6 %
		Y	4.90	66.57	16.33		150.0	
		Z	4.86	66.35	15.93		150.0	
10536- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	5.06	66.87	16.45	0.00	150.0	± 9.6 %
		Y	4.79	66.55	16.29		150.0	
		Z	4.76	66.36	15.91		150.0	
10537- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	X	5.11	66.81	16.42	0.00	150.0	± 9.6 %
		Y	4.88	66.66	16.35		150.0	
		Z	4.84	66.41	15.94		150.0	6.55
10538- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	Х	5.19	66.80	16.46	0.00	150.0	± 9.6 %
		Y	4.92	66.52	16.32		150.0	
		Z	4.89	66.32	15.93		150.0	
10540- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	Х	5.13	66.80	16.48	0.00	150.0	± 9.6 %
		Y	4.85	66.47	16.32	1	150.0	

10541- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	X	5.10	66.68	16.40	0.00	150.0	± 9.6 %
		Y	4.84	66.40	16.26		150.0	
		Z	4.82	66.24	15.89		150.0	
10542- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	X	5.26	66.75	16.45	0.00	150.0	± 9.6 %
		Y	4.99	66.50	16.32		150.0	
		Z	4.96	66.33	15.95		150.0	
10543- AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.32	66.76	16.48	0.00	150.0	± 9.6 %
		Y	5.08	66.66	16.44		150.0	
		Z	5.04	66.44	16.04		150.0	
10544- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	Х	5.44	66.76	16.36	0.00	150.0	± 9.6 %
		Y	5.22	66.43	16.22		150.0	
		Z	5.20	66.33	15.88		150.0	
10545- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	5.64	67.23	16.54	0.00	150.0	± 9.6 %
		Y	5.43	67.01	16.47		150.0	
		Z	5.36	66.74	16.05		150.0	
10546- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	X	5.49	66.94	16.41	0.00	150.0	± 9.6 %
		Y	5.25	66.55	16.25		150.0	
		Z	5.22	66.43	15.91		150.0	
10547- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.57	67.00	16.43	0.00	150.0	± 9.6 %
		Y	5.39	66.88	16.41		150.0	
		Z	5.32	66.61	15.99		150.0	
10548- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	5.80	67.92	16.87	0.00	150.0	± 9.6 %
		Y	5.49	67.39	16.64		150.0	
		Z	5.40	67.04	16.19		150.0	
10550- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	X	5.54	67.04	16.48	0.00	150.0	± 9.6 %
		Y	5.38	67.02	16.50		150.0	
		Z	5.30	66.69	16.05		150.0	
10551- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	X	5.52	67.00	16.42	0.00	150.0	± 9.6 %
		Y	5.22	66.47	16.19		150.0	
		Z	5.21	66.38	15.86		150.0	
10552- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	5.45	66.84	16.34	0.00	150.0	± 9.6 %
		Y	5.23	66.57	16.23		150.0	
		Z	5.21	66.47	15.90		150.0	
10553- AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.52	66.83	16.37	0.00	150.0	± 9.6 %
		Y	5.27	66.48	16.22		150.0	
		Z	5.25	66.39	15.89		150.0	
10554- AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	Х	5.86	67.10	16.43	0.00	150.0	± 9.6 %
		Y	5.67	66.76	16.30		150.0	
		Z	5.63	66.66	15.97		150.0	
10555- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	5.98	67.40	16.56	0.00	150.0	± 9.6 %
		Y	5.75	66.99	16.40		150.0	
10===		Z	5.70	66.83	16.04		150.0	
10556- AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	X	6.01	67.47	16.58	0.00	150.0	± 9.6 %
		Y	5.83	67.21	16.50		150.0	
		Z	5.75	66.98	16.10		150.0	
10557- AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	5.96	67.33	16.53	0.00	150.0	± 9.6 %
		Y	5.74	66.95	16.39		150.0	
		Z	5.70	66.85	16.06		150.0	7

10558- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	Х	6.01	67.49	16.63	0.00	150.0	± 9.6 %
	1 4 4 4	Y	5.72	66.92	16.39		150.0	
		Z	5.69	66.82	16.06		150.0	
10560- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	Х	6.00	67.33	16.59	0.00	150.0	± 9.6 %
	5555 5257	Y	5.75	66.89	16.41		150.0	
		Z	5.72	66.81	16.09		150.0	
10561- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	5.93	67.33	16.62	0.00	150.0	± 9.6 %
		Y	5.70	66.91	16.45		150.0	
		Z	5.66	66.79	16.11		150.0	
10562- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	Х	6.02	67.63	16.77	0.00	150.0	± 9.6 %
		Y	5.73	67.02	16.51		150.0	
		Z	5.69	66.91	16.17		150.0	
10563- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	Х	6.11	67.54	16.69	0.00	150.0	± 9.6 %
		Y	5.86	67.10	16.52		150.0	
		Z	5.80	66.92	16.15		150.0	
	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 99pc duty cycle)	Х	4.83	67.14	16.72	0.46	150.0	± 9.6 %
		Υ	4.56	67.00	16.52		150.0	
		Z	4.55	66.81	16.14		150.0	
10565- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	Х	5.05	67.55	17.02	0.46	150.0	± 9.6 %
		Y	4.74	67.42	16.85		150.0	
		Z	4.73	67.21	16.46		150.0	
10566- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 99pc duty cycle)	X	4.88	67.41	16.85	0.46	150.0	± 9.6 %
		Y	4.58	67.22	16.65		150.0	
		Z	4.57	67.00	16.25		150.0	
10567- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 99pc duty cycle)	Х	4.91	67.80	17.21	0.46	150.0	± 9.6 %
		Y	4.62	67.67	17.07		150.0	
		Z	4.61	67.41	16.64		150.0	1
10568- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 99pc duty cycle)	Х	4.80	67.23	16.65	0.46	150.0	± 9.6 %
		Y	4.45	66.86	16.32		150.0	
		Z	4.44	66.64	15.93		150.0	
10569- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 99pc duty cycle)	Х	4.89	67.96	17.31	0.46	150.0	± 9.6 %
		Y	4.63	68.00	17.26		150.0	
		Z	4.60	67.68	16.80		150.0	
10570- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 99pc duty cycle)	Х	4.91	67.78	17.22	0.46	150.0	± 9.6 %
		Y	4.61	67.70	17.10		150.0	
		Z	4.59	67.42	16.66		150.0	
10571- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	Х	1.19	65.93	17.12	0.46	130.0	± 9.6 %
		Υ	1.03	64.76	16.11		130.0	
		Z	1.04	63.12	14.48		130.0	
10572- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	Х	1.21	66.68	17.59	0.46	130.0	± 9.6 %
		Υ	1.05	65.50	16.59		130.0	
		Z	1.05	63.55	14.78		130.0	
10573- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	Х	100.00	163.98	45.73	0.46	130.0	± 9.6 %
		Y	100.00	159.03	42.70		130.0	
		Z	0.80	72.06	17.88		130.0	
10574- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	1.52	75.94	22.26	0.46	130.0	± 9.6 %
	,,py -j	-					1000	
,,,,,		Y	1.27	74.58	21.26		130.0	

10575- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 90pc duty cycle)	X	4.61	66.95	16.79	0.46	130.0	± 9.6 %
		Υ	4.33	66.78	16.56		130.0	
		Z	4.31	66.49	16.09		130.0	
10576- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 90pc duty cycle)	X	4.64	67.13	16.87	0.46	130.0	± 9.6 %
		Y	4.37	67.03	16.68		130.0	
		Z	4.34	66.72	16.19		130.0	
10577- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 90pc duty cycle)	Х	4.83	67.39	17.02	0.46	130.0	± 9.6 %
		Y	4.52	67.25	16.81		130.0	
		Z	4.49	66.93	16.33		130.0	
10578- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 90pc duty cycle)	Х	4.73	67.55	17.13	0.46	130.0	± 9.6 %
		Y	4.43	67.43	16.95		130.0	
40570		Z	4.40	67.07	16.44		130.0	
10579- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 90pc duty cycle)	X	4.49	66.83	16.45	0.46	130.0	± 9.6 %
		Y	4.16	66.46	16.10		130.0	
40500		Z	4.14	66.18	15.64		130.0	
10580- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 90pc duty cycle)	X	4.54	66.91	16.49	0.46	130.0	± 9.6 %
		Y	4.19	66.49	16.10		130.0	
10504		Z	4.16	66.19	15.63		130.0	
10581- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 90pc duty cycle)	X	4.63	67.63	17.10	0.46	130.0	± 9.6 %
		Y	4.35	67.57	16.97		130.0	
10500	IEEE 000 44 MIELO 4 DIL GOOD	Z	4.32	67.17	16.43		130.0	
10582- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 90pc duty cycle)	X	4.43	66.61	16.25	0.46	130.0	± 9.6 %
		Y	4.08	66.21	15.86		130.0	
		Z	4.07	65.94	15.41		130.0	
10583- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.61	66.95	16.79	0.46	130.0	± 9.6 %
		Y	4.33	66.78	16.56		130.0	
		Z	4.31	66.49	16.09		130.0	
10584- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.64	67.13	16.87	0.46	130.0	± 9.6 %
		Y	4.37	67.03	16.68		130.0	
		Z	4.34	66.72	16.19		130.0	
10585- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	4.83	67.39	17.02	0.46	130.0	± 9.6 %
		Y	4.52	67.25	16.81		130.0	
		Z	4.49	66.93	16.33		130.0	
10586- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	4.73	67.55	17.13	0.46	130.0	± 9.6 %
		Y	4.43	67.43	16.95		130.0	
40505		Z	4.40	67.07	16.44		130.0	
10587- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	4.49	66.83	16.45	0.46	130.0	± 9.6 %
		Y	4.16	66.46	16.10		130.0	
40500		Z	4.14	66.18	15.64		130.0	
10588- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	4.54	66.91	16.49	0.46	130.0	± 9.6 %
		Y	4.19	66.49	16.10		130.0	4
40500		Z	4.16	66.19	15.63		130.0	
10589- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	X	4.63	67.63	17.10	0.46	130.0	± 9.6 %
		Υ	4.35	67.57	16.97		130.0	
		Z	4.32	67.17	16.43		130.0	
10590- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X	4.43	66.61	16.25	0.46	130.0	± 9.6 %
		Y	4.08	66.21	15.86		130.0	

10591- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.76	66.98	16.88	0.46	130.0	± 9.6 %
		Y	4.49	66.88	16.70		130.0	
		Z	4.48	66.62	16.25		130.0	
10592- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	4.91	67.32	17.01	0.46	130.0	± 9.6 %
UILD	moon, cope day eyele/	Y	4.60	67.16	16.82		130.0	
		Z	4.58	66.88	16.36		130.0	
10593-	IEEE 802.11n (HT Mixed, 20MHz,	X	4.83	67.22	16.89	0.46	130.0	± 9.6 %
AAB	MCS2, 90pc duty cycle)						100.0	
		Y	4.52	67.02	16.67		130.0	
		Z	4.49	66.75	16.21	0.40	130.0	. 0 0 0/
10594- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	4.88	67.39	17.05	0.46	130.0	± 9.6 %
		Y	4.57	67.22	16.86		130.0	
		Z	4.55	66.93	16.38		130.0	
0595- \AB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	4.85	67.36	16.95	0.46	130.0	± 9.6 %
		Υ	4.54	67.21	16.77		130.0	
		Z	4.51	66.90	16.29		130.0	
10596- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	X	4.79	67.36	16.97	0.46	130.0	± 9.6 %
		Y	4.46	67.14	16.75		130.0	
		Z	4.44	66.83	16.26		130.0	
10597- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	Х	4.74	67.25	16.84	0.46	130.0	± 9.6 %
7 0.10	meso, sops and, speny	Y	4.42	66.99	16.58		130.0	
		Z	4.39	66.70	16.11		130.0	
10598- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	4.72	67.47	17.09	0.46	130.0	± 9.6 %
777.0	WOOT, sope daty cycle)	Y	4.42	67.29	16.89		130.0	
		Z	4.40	66.96	16.39		130.0	
10599- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.44	67.44	17.06	0.46	130.0	± 9.6 %
AAD	WC30, 90pc daty cycle)	Y	5.23	67.40	17.02		130.0	
		Z	5.17	67.08	16.54		130.0	
10600- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	5.58	67.92	17.27	0.46	130.0	± 9.6 %
AAD	West, sope daty eyele)	Y	5.36	67.90	17.25		130.0	
_		Z	5.23	67.33	16.64		130.0	
10601-	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	5.46	67.64	17.15	0.46	130.0	± 9.6 %
AAB	MCS2, 90pc duty cycle)	Y	5.25	67.64	17.14		130.0	
		Z	5.19	67.28	16.64		130.0	
10602-	IEEE 802.11n (HT Mixed, 40MHz,	X	5.59	67.79	17.14	0.46	130.0	± 9.6 %
AAB	MCS3, 90pc duty cycle)	Y	5.32	67.58	17.02		130.0	
		Z	5.23	67.13	16.48		130.0	
10603- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.65	68.04	17.40	0.46	130.0	± 9.6 %
MAD	WOS4, Supe duty Cycle)	Y	5.35	67.77	17.26		130.0	
		Z	5.28	67.38	16.74		130.0	
10604	IEEE 802.11n (HT Mixed, 40MHz,	X	5.52	67.67	17.20	0.46	130.0	± 9.6 %
10604- AAB	MCS5, 90pc duty cycle)				16.96	0.10	130.0	- 5.0 //
		Y	5.20	67.22 66.92	16.48		130.0	
10605-	IEEE 802.11n (HT Mixed, 40MHz,	Z X	5.15 5.58	67.84	17.29	0.46	130.0	± 9.6 %
AAB	MCS6, 90pc duty cycle)	V	5 20	67.57	17.14		130.0	
		Y Z	5.30 5.22	67.18	16.61		130.0	
10000	IEEE OOO 44- /LIT Mind 40MI		5.22	67.18	16.77	0.46	130.0	± 9.6 %
10606- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	X				0.40	130.0	2 0.0 /
		Y	5.12	67.11	16.75		130.0	
		Z	5.05	66.75	16.25	1	1 130.0	

10607- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	Х	4.62	66.38	16.55	0.46	130.0	± 9.6 %
		Y	4.36	66.29	16.39		130.0	
		Z	4.32	65.96	15.89		130.0	
10608- AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.79	66.77	16.71	0.46	130.0	± 9.6 %
		Y	4.48	66.59	16.52		130.0	
		Z	4.44	66.24	16.02		130.0	
10609- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	Х	4.69	66.62	16.55	0.46	130.0	± 9.6 %
		Y	4.38	66.42	16.33		130.0	
		Z	4.34	66.07	15.83		130.0	
10610- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	Х	4.74	66.78	16.71	0.46	130.0	± 9.6 %
		Y	4.43	66.62	16.53		130.0	
		Z	4.39	66.25	16.01		130.0	
10611- AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	4.65	66.59	16.56	0.46	130.0	± 9.6 %
		Y	4.34	66.38	16.35		130.0	
		Z	4.30	66.02	15.84		130.0	
10612- AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	4.66	66.77	16.63	0.46	130.0	± 9.6 %
		Y	4.32	66.49	16.38		130.0	
		Z	4.28	66.10	15.86		130.0	
10613- AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	4.65	66.61	16.49	0.46	130.0	± 9.6 %
		Y	4.31	66.27	16.20		130.0	
		Z	4.27	65.92	15.70		130.0	
10614- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	4.61	66.80	16.72	0.46	130.0	± 9.6 %
		Y	4.30	66.57	16.50		130.0	
		Z	4.26	66.18	15.97		130.0	
10615- AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	4.65	66.44	16.35	0.46	130.0	± 9.6 %
		Y	4.33	66.19	16.09		130.0	
		Z	4.29	65.85	15.60		130.0	
10616- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	5.27	66.73	16.68	0.46	130.0	± 9.6 %
		Y	5.01	66.49	16.56		130.0	
		Z	4.96	66.22	16.10		130.0	
10617- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	Х	5.35	66.96	16.78	0.46	130.0	± 9.6 %
		Y	5.05	66.62	16.60		130.0	
		Z	4.98	66.29	16.11		130.0	
10618- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	5.23	66.97	16.80	0.46	130.0	± 9.6 %
		Y	4.95	66.64	16.63		130.0	
		Z	4.90	66.35	16.15		130.0	
10619- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.24	66.75	16.62	0.46	130.0	± 9.6 %
		Y	5.02	66.64	16.56		130.0	
		Z	4.94	66.26	16.04		130.0	
10620- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.32	66.76	16.68	0.46	130.0	± 9.6 %
		Y	5.04	66.47	16.52		130.0	
	3	Z	4.99	66.18	16.05		130.0	
10621- AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.33	66.89	16.85	0.46	130.0	± 9.6 %
		Y	5.05	66.58	16.71		130.0	
		Z	5.01	66.34	16.25		130.0	
10622- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	5.35	67.10	16.96	0.46	130.0	± 9.6 %
		Y	5.04	66.69	16.76		130.0	
			4.99	66.41				

10623- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.22	66.58	16.57	0.46	130.0	± 9.6 %
		Y	4.94	66.25	16.38		130.0	
		Z	4.90	66.00	15.94		130.0	
10624- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	X	5.41	66.77	16.72	0.46	130.0	± 9.6 %
		Y	5.13	66.51	16.58		130.0	
		Z	5.08	66.25	16.13		130.0	
	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	5.67	67.47	17.13	0.46	130.0	± 9.6 %
	sope say eyers	Y	5.24	66.76	16.78		130.0	
		Z	5.18	66.46	16.30		130.0	
10626- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.58	66.75	16.62	0.46	130.0	± 9.6 %
		Y	5.35	66.42	16.47		130.0	
		Z	5.31	66.24	16.06		130.0	
10627- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	5.83	67.40	16.91	0.46	130.0	± 9.6 %
		Y	5.63	67.24	16.86		130.0	
		Z	5.52	66.81	16.33		130.0	7
10628- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.60	66.81	16.55	0.46	130.0	± 9.6 %
		Y	5.34	66.39	16.35		130.0	
		Z	5.30	66.19	15.94		130.0	
10629- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	5.68	66.90	16.59	0.46	130.0	± 9.6 %
		Y	5.54	66.91	16.62		130.0	
		Z	5.42	66.48	16.08		130.0	
10630- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	Х	6.08	68.33	17.31	0.46	130.0	± 9.6 %
		Y	5.70	67.61	16.97		130.0	
		Z	5.55	67.05	16.38		130.0	
10631- AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	5.97	68.08	17.36	0.46	130.0	± 9.6 %
		Y	5.66	67.59	17.16		130.0	
		Z	5.57	67.23	16.66		130.0	
10632- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	X	5.80	67.45	17.07	0.46	130.0	± 9.6 %
		Y	5.69	67.64	17.20		130.0	
		Z	5.55	67.10	16.61		130.0	
10633- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	5.66	67.00	16.67	0.46	130.0	± 9.6 %
		Y	5.35	66.42	16.41		130.0	
		Z	5.31	66.26	16.01		130.0	
10634- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	5.64	67.00	16.73	0.46	130.0	± 9.6 %
		Υ	5.39	66.68	16.59		130.0	
		Z	5.35	66.50	16.18		130.0	
10635- AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	Х	5.52	66.33	16.14	0.46	130.0	± 9.6 %
		Y	5.23	65.84	15.88		130.0	
		Z	5.20	65.70	15.50		130.0	
10636- AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	Х	6.01	67.10	16.69	0.46	130.0	± 9.6 %
		Y	5.81	66.78	16.56		130.0	
		Z	5.76	66.60	16.16		130.0	
10637- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	Х	6.16	67.51	16.88	0.46	130.0	± 9.6 %
		Y	5.94	67.13	16.72		130.0	
		Z	5.85	66.83	16.27		130.0	
10638- AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	Х	6.16	67.47	16.84	0.46	130.0	± 9.6 %
	2.50 44.1 213.01	Y	5.99	67.25	16.76		130.0	
						-		

Certificate No: EX3-7472\_Aug18

10639- AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	6.13	67.38	16.83	0.46	130.0	± 9.6 %
		Y	5.90	67.00	16.68		130.0	
		Z	5.84	66.81	16.27		130.0	
10640- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	Х	6.13	67.41	16.79	0.46	130.0	± 9.6 %
		Y	5.83	66.79	16.51		130.0	
		Z	5.77	66.61	16.12		130.0	
10641- AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	Х	6.20	67.37	16.80	0.46	130.0	± 9.6 %
		Y	5.99	67.07	16.68		130.0	
		Z	5.89	66.77	16.22		130.0	
10642- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	Х	6.21	67.55	17.04	0.46	130.0	± 9.6 %
		Y	5.96	67.13	16.88		130.0	
		Z	5.91	66.95	16.48		130.0	
10643- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	6.07	67.29	16.82	0.46	130.0	± 9.6 %
		Y	5.82	66.83	16.61		130.0	
		Z	5.75	66.62	16.20		130.0	
10644- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	6.18	67.64	17.01	0.46	130.0	± 9.6 %
		Y	5.86	66.97	16.70		130.0	
		Z	5.80	66.78	16.30		130.0	
10645- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	Х	6.32	67.71	17.01	0.46	130.0	± 9.6 %
		Y	6.02	67.15	16.76		130.0	
		Z	5.94	66.88	16.32		130.0	
10646- AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	Х	29.01	129.72	45.71	9.30	60.0	± 9.6 %
		Y	5.69	90.29	32.95		60.0	
		Z	4.56	83.05	28.64		60.0	
10647- AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	Х	21.51	122.78	43.90	9.30	60.0	± 9.6 %
		Y	4.97	87.32	31.93		60.0	
		Z	4.08	80.83	27.85		60.0	
10648- AAA	CDMA2000 (1x Advanced)	Х	0.81	66.86	12.34	0.00	150.0	± 9.6 %
		Y	0.34	60.00	5.68		150.0	
		Z	0.41	60.33	6.86		150.0	
10652- AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	Х	3.65	68.11	17.48	2.23	80.0	± 9.6 %
		Y	3.21	67.42	16.62		80.0	
		Z	2.95	65.45	15.23		80.0	
10653- AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	Х	4.08	66.78	17.31	2.23	80.0	± 9.6 %
		Y	3.68	66.09	16.72		80.0	
		Z	3.55	65.09	15.78		80.0	
10654- AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	Х	4.05	66.29	17.25	2.23	80.0	± 9.6 %
		Y	3.70	65.54	16.72		80.0	
	d =	Z	3.61	64.74	15.87		80.0	
10655- AAD	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	Х	4.11	66.21	17.27	2.23	80.0	± 9.6 %
		Y	3.77	65.36	16.73		80.0	
		Z	3.69	64.66	15.92		80.0	
10658- AAA	Pulse Waveform (200Hz, 10%)	Х	100.00	110.76	25.43	10.00	50.0	± 9.6 %
		Y	4.64	72.25	12.92		50.0	
		Z	3.17	68.15	11.10	3	50.0	
10659-	Pulse Waveform (200Hz, 20%)	X	100.00	113.44	25.61	6.99	60.0	± 9.6 %
AAA				1			1	
7001		Y	100.00	99.40	18.82		60.0	

10660- AAA	Pulse Waveform (200Hz, 40%)	X	100.00	123.86	28.72	3.98	80.0	± 9.6 %
		Υ	100.00	91.99	14.37		80.0	
		Z	16.70	84.37	13.73		80.0	
10661- AAA	Pulse Waveform (200Hz, 60%)	Х	100.00	148.43	37.17	2.22	100.0	± 9.6 %
		Y	0.23	60.00	3.27		100.0	
		Z	100.00	93.94	14.56		100.0	
10662- AAA	Pulse Waveform (200Hz, 80%)	Х	100.00	271.45	80.22	0.97	120.0	± 9.6 %
		Υ	0.00	84.29	98.51		120.0	
		Z	99.98	85.52	10.49		120.0	

<sup>&</sup>lt;sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value:

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





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

Accreditation No.: SCS 0108

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

Client

**BV ADT (Auden)** 

Certificate No: EX3-7537\_Jun19

### **CALIBRATION CERTIFICATE**

Object

EX3DV4 - SN:7537

Calibration procedure(s)

QA CAL-01.v9, QA CAL-14.v5, QA CAL-23.v5, QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date:

June 18, 2019

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	03-Apr-19 (No. 217-02892/02893)	Apr-20
Power sensor NRP-Z91	SN: 103244	03-Apr-19 (No. 217-02892)	Apr-20
Power sensor NRP-Z91	SN: 103245	03-Apr-19 (No. 217-02893)	Apr-20
Reference 20 dB Attenuator	SN: S5277 (20x)	04-Apr-19 (No. 217-02894)	Apr-20
DAE4	SN: 660	19-Dec-18 (No. DAE4-660_Dec18)	Dec-19
Reference Probe ES3DV2	SN: 3013	31-Dec-18 (No. ES3-3013_Dec18)	Dec-19
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-18)	In house check: Oct-19

Calibrated by:

Name
Function
Signature
Laboratory Technician

Approved by:

Katja Pokovic
Technical Manager

Issued: June 20, 2019

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

### **Calibration Laboratory of**

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

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

#### Glossary:

TSL tissue simulating liquid
NORMx,y,z sensitivity in free space
ConvF sensitivity in TSL / NORMx,y,z
DCP diode compression point

CF crest factor (1/duty\_cycle) of the RF signal modulation dependent linearization parameters

Polarization  $\varphi$   $\varphi$  rotation around probe axis

Polarization 9 9 rotation around an axis that is in the plane normal to probe axis (at measurement center),

i.e., 9 = 0 is normal to probe axis

Connector Angle information used in DASY system to align probe sensor X to the robot coordinate system

#### 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 handheld 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"

### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Certificate No: EX3-7537\_Jun19 Page 2 of 19

EX3DV4 – SN:7537 June 18, 2019

## DASY/EASY - Parameters of Probe: EX3DV4 - SN:7537

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (μV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.61	0.68	0.60	± 10.1 %
DCP (mV) <sup>B</sup>	98.8	99.9	101.0	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)	
0	CW	X	0.00	0.00	1.00	0.00	158.3	± 3.3 %	± 4.7 %	
		Y	0.00	0.00	1.00		146.8			
		Z	0.00	0.00	1.00		153.3			
10352-	Pulse Waveform (200Hz, 10%)	X	15.00	90.12	21.07	10.00	60.0	± 3.6 %	± 9.6 %	
AAA		Y	15.00	88.44	20.30		60.0			
		Z	15.00	89.91	21.20		60.0			
10353-	Pulse Waveform (200Hz, 20%)	X	15.00	91.13	20.59	6.99	80.0	± 1.9 %	± 9.6 %	
AAA		Y	15.00	89.10	19.48		80.0			
		Z	15.00	91.90	21.20		80.0			
10354-	Pulse Waveform (200Hz, 40%)	X	15.00	98.91	23.19	3.98	95.0	± 1.2 %	± 9.6 %	
AAA		Y	15.00	90.09	18.46		95.0			
		Z	15.00	96.54	22.16		95.0			
10355-	Pulse Waveform (200Hz, 60%)	X	15.00	107.32	25.78	2.22	120.0	± 1.2 %	± 9.6 %	
AAA		Y	15.00	89.56	16.77		120.0			
		Z	15.00	104.15	24.43		120.0			
10387-	QPSK Waveform, 1 MHz	X	0.83	63.23	10.56	0.00	150.0	± 2.7 %	± 9.6 %	
AAA		Y	0.71	61.44	8.94		150.0			
		Z	0.92	64.76	11.27		150.0			
10388-	QPSK Waveform, 10 MHz	X	2.36	68.95	16.32	0.00	150.0	± 1.0 %	± 9.6 %	
AAA		Y	2.23	67.93	15.54		150.0			
		Z	2.51	70.17	16.91		150.0			
10396-	64-QAM Waveform, 100 kHz	Х	3.41	72.74	19.90	3.01	150.0	± 0.7 %	± 9.6 %	
AAA		Y	3.00	69.78	18.51		150.0			
		Z	3.43	72.93	19.89		150.0			
10399-	64-QAM Waveform, 40 MHz	X	3.59	67.46	16.05	0.00	150.0		± 9.6 %	
AAA		Y	3.55	67.18	15.79		150.0			
	1	Z	3.54	67.47	16.08		150.0			
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.93	65.76	15.69	0.00	150.0	± 3.8 %	± 9.6 %	
AAA		Υ	4.98	65.85	15.71		150.0			
		Z	4.84	65.60	15.60		150.0			

Note: For details on UID parameters see Appendix

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%.

<sup>B</sup> Numerical linearization parameter: uncertainty not required.

Certificate No: EX3-7537\_Jun19 Page 3 of 19

A The uncertainties of Norm X,Y,Z do not affect the E2-field uncertainty inside TSL (see Page 5).

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

EX3DV4- SN:7537 June 18, 2019

## DASY/EASY - Parameters of Probe: EX3DV4 - SN:7537

### **Sensor Model Parameters**

	C1	C2	α	T1	T2	T3	T4	T5	T6
	fF	fF	V <sup>-1</sup>	ms.V <sup>-2</sup>	ms.V <sup>-1</sup>	ms	V-2	V-1	
X	48.7	366.14	36.06	17.67	0.13	5.10	1.48	0.30	1.01
Υ	49.8	384.45	37.67	16.87	0.40	5.10	0.00	0.59	1.01
Z	47.6	353.84	35.33	17.81	0.26	5.10	1.13	0.35	1.01

### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	-0.6
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

EX3DV4- SN:7537 June 18, 2019

### DASY/EASY - Parameters of Probe: EX3DV4 - SN:7537

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
750	41.9	0.89	10.77	10.77	10.77	0.44	1.01	± 12.0 %
835	41.5	0.90	10.48	10.48	10.48	0.34	1.10	± 12.0 %
900	41.5	0.97	10.28	10.28	10.28	0.44	0.87	± 12.0 %
1450	40.5	1.20	8.85	8.85	8.85	0.38	0.80	± 12.0 %
1750	40.1	1.37	8.44	8.44	8.44	0.39	0.85	± 12.0 %
1900	40.0	1.40	8.13	8.13	8.13	0.31	0.85	± 12.0 %
2000	40.0	1.40	7.94	7.94	7.94	0.38	0.90	± 12.0 %
2300	39.5	1.67	7.75	7.75	7.75	0.32	0.80	± 12.0 %
2450	39.2	1.80	7.39	7.39	7.39	0.35	0.80	± 12.0 %
2600	39.0	1.96	7.19	7.19	7.19	0.41	0.80	± 12.0 %
3300	38.2	2.71	6.75	6.75	6.75	0.30	1.25	± 13.1 %
3500	37.9	2.91	6.71	6.71	6.71	0.30	1.25	± 13.1 %
3700	37.7	3.12	6.65	6.65	6.65	0.30	1.25	± 13.1 %
3900	37.5	3.32	6.45	6.45	6.45	0.40	1.50	± 13.1 %
4100	37.2	3.53	6.13	6.13	6.13	0.40	1.50	± 13.1 %
4200	37.1	3.63	5.98	5.98	5.98	0.40	1.50	± 13.1 %
4400	36.9	3.84	5.94	5.94	5.94	0.45	1.70	± 13.1 %
4600	36.7	4.04	5.93	5.93	5.93	0.45	1.70	± 13.1 9
4800	36.4	4.25	5.59	5.59	5.59	0.45	1.60	± 13.1 %
4950	36.3	4.40	5.56	5.56	5.56	0.45	1.80	± 13.1 %
5250	35.9	4.71	5.36	5.36	5.36	0.40	1.80	± 13.1 9
5600	35.5	5.07	4.75	4.75	4.75	0.40	1.80	± 13.1 9
5750	35.4	5.22	4.99	4.99	4.99	0.40	1.80	± 13.1 9

 $<sup>^{\</sup>rm C}$  Frequency validity above 300 MHz of  $\pm$  100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to  $\pm$  50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is  $\pm$  10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to  $\pm$  110 MHz.

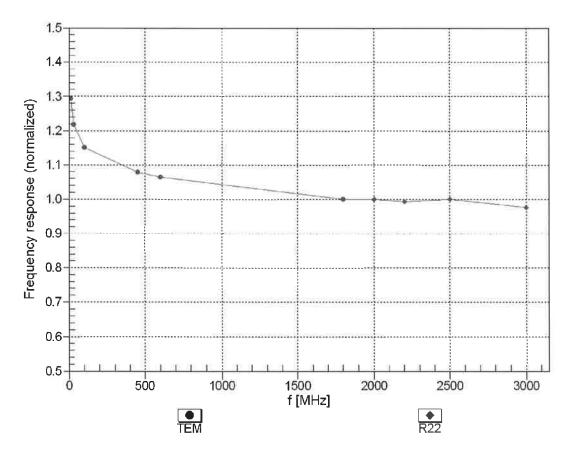
Certificate No: EX3-7537\_Jun19

F At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to  $\pm$  10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) is restricted to  $\pm$  5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

the ConvF uncertainty for indicated target tissue parameters.

Galpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

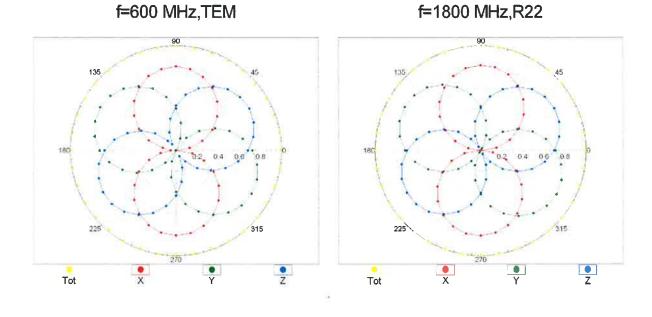
# Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)

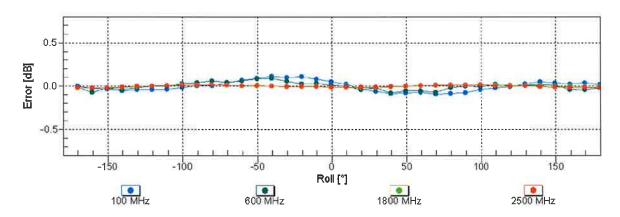


Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

EX3DV4-SN:7537 June 18, 2019

# Receiving Pattern ( $\phi$ ), $\vartheta = 0^{\circ}$

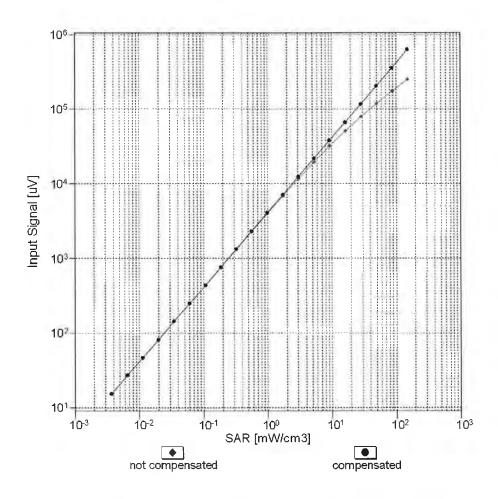


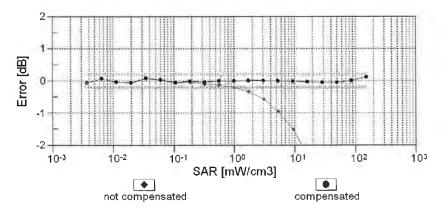


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

June 18, 2019 EX3DV4-SN:7537

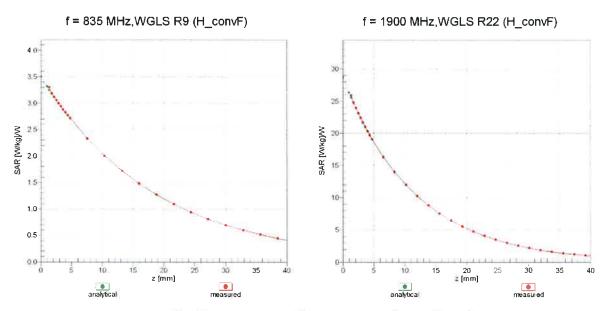
# Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)



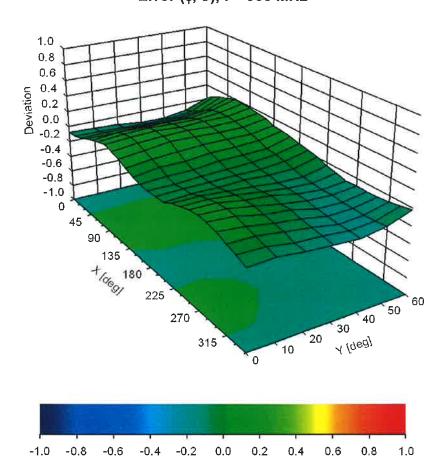


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

## **Conversion Factor Assessment**



## Deviation from Isotropy in Liquid Error $(\phi, \theta)$ , f = 900 MHz



## **Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> (k=2)
0		CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6 %
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10033	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10042	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Pull Slot, 24)	DECT	10.79	± 9.6 %
10049	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)			± 9.6 %
10058	DAC		TD-SCDMA GSM	11.01	± 9.6 %
10058	CAB	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)		6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
		IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
10062	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %

10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153 10154	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD LTE-FDD	5.75 6.43	± 9.6 % ± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QFSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198 10219	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
1117710	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %

10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	
10236	CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)			± 9.6 %
10237	CAF		LTE-TDD	9.21	± 9.6 %
10239		LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAF		LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
			LTE-TDD		
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)		10.13	± 9.6 %
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %

10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15	WiMAX	15.24	± 9.6 %
		symbols)	***************************************	.0.2.	20.070
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	± 9.6 %
10310	AAA	IÉEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	IDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAA	IDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	± 9.6 %
10317	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	± 9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406 10410	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate  LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL	CDMA2000	5.22	± 9.6 % ± 9.6 %
10410	AAF	Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	I 9.0 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10417	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10448		1 = - = - (0. = ( . 0 in in in in or ) Onppin 1 1/0)		00	0.0 /0
10448 10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %

10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10456	AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	± 9.6 %
10457	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10462	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	± 9.6 %
10463	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	± 9.6 %
10464	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10465	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6 %
10466	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL	LTE-TDD	8.57	± 9.6 %
10467	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
10468	AAE	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
10469	AAE	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL	LTE-TDD	8.56	± 9.6 %
10470	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
10471	AAE	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
10472	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL	LTE-TDD	8.57	± 9.6 %
10473	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
10474	AAE	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
10475	AAE	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL	LTE-TDD	8.57	± 9.6 %
10477	AAF	Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
10478	AAF	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL	LTE-TDD	8.57	± 9.6 %
10479	AAA	Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL	LTE-TDD	7.74	± 9.6 %
10480	AAA	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL	LTE-TDD	8.18	± 9.6 %
10481	AAA	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL	LTE-TDD	8.45	± 9.6 %
10482	AAB	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL	LTE-TDD	7.71	± 9.6 %
10483	AAB	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL	LTE-TDD	8.39	± 9.6 %
10484	AAB	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL	LTE-TDD	8.47	± 9.6 %
10485	AAE	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL	LTE-TDD	7.59	
		Subframe=2,3,4,7,8,9)			± 9.6 %
10486	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	± 9.6 %
10487	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	± 9.6 %
10488	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	± 9.6 %
10489	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	± 9.6 %
10490	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %

10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6 %
10497	AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.67	± 9.6 %
10498	AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	± 9.6 %
10499	AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	± 9.6 %
10500	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	± 9.6 %
10501	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	± 9.6 %
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	± 9.6 %
10503	AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	± 9.6 %
10504	AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	± 9.6 %
10505	AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6 %
10506	AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10507	AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	± 9.6 %
10508	AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	± 9.6 %
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10519	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10523	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.08	± 9.6 %
10524	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	± 9.6 %
10525	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10526	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10527	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	8.21	± 9.6 %
10528	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10529	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10531	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	WLAN	8.43	± 9.6 %
10532	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10533	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	WLAN	8.38	± 9.6 %

10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN	8.32	± 9.6 %
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	8.44	± 9.6 %
10538	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10541	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.65	± 9.6 %
10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	WLAN	8.65	± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	WLAN	8.35	± 9.6 %
10547	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	WLAN	8.38	± 9.6 %
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	WLAN		± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)		8.45	
10555			WLAN	8.48	± 9.6 %
	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty	WLAN	8.25	± 9.6 %
		cycle)		0.20	2 0.0 70
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	± 9.6 %
10571	AAA				
		IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	± 9.6 %
	1 A A A	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty	WLAN	8.67	± 9.6 %
10582	AAA	cycle)			
	AAB		WLAN	8.59	± 9.6 %
10582 10583	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN WLAN		-
10582 10583 10584	AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	± 9.6 %
10582 10583	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)			-

10588	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10589	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	± 9.6 %
10590	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10591	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.63	± 9.6 %
10592	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10593	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10594	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10595	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	WLAN	8.71	± 9.6 %
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	WLAN	8.50	± 9.6 %
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	WLAN	9.03	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	WLAN	8.97	± 9.6 %
			WLAN	8.82	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)			
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10614	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10617	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10618	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	WLAN	8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.87	± 9.6 %
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.68	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
		IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10631	AAB				
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10646	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	± 9.6 %
10647	7 7 11	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10647	ΔΔΔ				_ ± U.U /U
10648	AAA				
	AAA AAD AAD	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD LTE-TDD	6.91 7.42	± 9.6 % ± 9.6 %

10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAA	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	9.09	± 9.6 %
10672 10673	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN WLAN	8.90	± 9.6 % ± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	± 9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN	8.62	± 9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS1, 99pc duty cycle)	WLAN	8.26	± 9.6 %
10685	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc duty cycle)	WLAN	8.28	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc duty cycle)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc duty cycle)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc duty cycle)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc duty cycle)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc duty cycle)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle)	WLAN	8.67	± 9.6 %
10713	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle)	WLAN	8.26	± 9.6 %
10715 10716	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10716	AAA	IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle)	WLAN	8.30	± 9.6 %
10717	AAA		WLAN	8.48	± 9.6 %
10719	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle)	WLAN WLAN	8.24	± 9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS1, 90pc duty cycle)	WLAN	8.81	± 9.6 % ± 9.6 %
10721	AAA	IEEE 802.11ax (60MHz, MCS1, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10721	AAA	IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle)	WLAN	8.55	± 9.6 %
	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle)	WLAN	8.70	
10722		IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle)	WLAN	8.70	± 9.6 % ± 9.6 %
10723			IVVLAN	0.30	1 1 3.0 %
10724	ΑΑΑ				
	AAA AAA AAA	IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle)	WLAN WLAN	8.74 8.72	± 9.6 % ± 9.6 %

10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle)	WLAN	8.65	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10731	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10733	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)	WLAN	8.40	± 9.6 %
10734	AAA	IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)	WLAN	8.27	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc duty cycle)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc duty cycle)	WLAN	8.93	± 9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc duty cycle)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc duty cycle)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle)	WLAN	9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle)	WLAN	8.69	± 9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle)	WLAN	8.51	± 9.6 %

<sup>&</sup>lt;sup>E</sup> 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. Photographs of EUT and Setup

The setup photographs for SAR testing are shown as follows.

Report Format Version 5.0.0 Issued Date : Aug. 22, 2019

Report No.: SA190719C19