10184- CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	2.32	65.70	17.29	3.01	150.0	± 9.6 %
		Y	2.49	67.15	17.92	1	150.0	
·······		Z	2.46	66.58	17.99		150.0	
10185- CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	Х	2.74	69.95	19.31	3.01	150.0	± 9.6 %
		Υ	3.20	72.88	20.43		150.0	
		Z	2,99	71.41	20.26		150.0	
10186- AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	2.32	66.53	16.58	3.01	150.0	± 9.6 %
	~	Υ	2.64	68.94	17.60		150.0	
40407	1. T	Z	2.51	67.67	17.41		150.0	
10187- CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	Х	2.33	65.78	17.37	3.01	150.0	± 9.6 %
		Υ	2.50	67.22	18.00		150.0	
40400	LTE FOR (OG FORM) (FOR A SHIP)	Z	2.47	66.64	18.07		150.0	
10188- CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	2.80	70.47	19.65	3.01	150.0	± 9.6 %
		Υ	3.29	73.46	20.79		150.0	
10100	LTE EDD (OC EDMA 4 ED	Z	3.07	72.01	20.64		150.0	
10189- AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	Х	2.35	66.85	16.82	3.01	150.0	± 9.6 %
		Y	2.69	69.31	17.86		150.0	
10193-	1555 000 44 (1550	Z	2.55	68.03	17.68		150.0	
CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	X	4.23	66.54	15.90	0.00	150.0	± 9.6 %
		Y	4.33	66.90	16.14		150.0	
10194-	FEET 900 44- /UT O 5 11 00 NII	Z	4.32	66.32	15.87		150.0	
CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	Х	4.36	66.75	16.04	0.00	150.0	± 9.6 %
		Υ	4.47	67.12	16.27		150.0	
40405		Z	4.47	66.58	16.01		150.0	
10195- CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	Х	4.39	66.76	16.05	0.00	150.0	± 9.6 %
		Υ	4.50	67.13	16.28		150.0	
40400	IEEE 000 (4 (UE)	Z	4.50	66.61	16.03		150.0	
10196- CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	Х	4.21	66.52	15.87	0.00	150.0	± 9.6 %
		Υ	4.32	66.89	16.12		150.0	
40407	JEEE 000 44 WEAR	Z	4.31	66.33	15.87		150.0	
10197- CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	Х	4.37	66.75	16.04	0.00	150.0	± 9.6 %
	1	Y	4.48	67.12	16.28		150.0	
10100	JEET 900 44- (UTAP)	Z	4.48	66.59	16.02		150.0	
10198- CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	X	4.38	66.75	16.05	0.00	150.0	± 9.6 %
		Y	4.50	67.13	16.28		150.0	
10219-	DEEE 900 440 /UTAN L TOOM	Z	4.50	66.62	16.04		150.0	
CAC CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	×	4.16	66.56	15.85	0.00	150.0	± 9.6 %
		Y	4.27	66.93	16.10		150.0	
10220	IEEE 900 44- (UT by 1 10 0 0)	Z	4.26	66.35	15.83		150.0	
10220- CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	Х	4.36	66.72	16.03	0.00	150.0	± 9.6 %
······································		Υ	4.47	67.08	16.26		150.0	
10224	IEEE 000 44- (I)T M	Z	4.47	66.56	16.01		150.0	
10221- CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	X	4.40	66.71	16.04	0.00	150.0	± 9.6 %
		Υ	4.51	67.07	16.27		150.0	
10222	IEEE 900 445 (UTAE - 1 45 A	Ζ	4.51	66.56	16.03		150.0	
10222- CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	Х	4.80	66.80	16.23	0.00	150.0	± 9.6 %
		Y	4.88	67.12	16.39		150.0	
		Ζ	4.89	66.72			100.0	

10223- CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	X	5.04	66.95	16.32	0.00	150.0	± 9.6 %
		Y	5.14	67.29	16.49		150.0	
		Ż	5.18	66.99	16.36		150.0	
10224- CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	X	4.84	66.92	16,22	0.00	150.0	± 9.6 %
		Υ	4.92	67.24	16.38		150.0	
		Z	4.93	66.82	16.18		150.0	
10225- CAB	UMTS-FDD (HSPA+)	Х	2.46	65.56	14.20	0.00	150.0	± 9.6 %
		Y	2.62	66.44	14.96		150.0	
		Z	2.55	65.41	14.45		150.0	
10226- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	4.12	79.74	22.87	6.02	65.0	± 9.6 %
		Υ	7.38	90.96	26.97		65.0	
		Z	7.19	90.56	27.66		65.0	
10227- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	4.10	78.95	21.90	6.02	65.0	± 9.6 %
		Y	7.43	89.71	25.78		65.0	
		Z	7.75	90.70	26.99		65.0	
10228- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	3.12	75.94	23.15	6.02	65.0	± 9.6 %
		Υ	4.06	82.01	25.85		65.0	
		Z	4.25	82.24	26.47		65.0	
10229- CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	X	3.94	78.88	22.44	6.02	65.0	± 9.6 %
		Y	6.91	89.62	26.42		65.0	
		Z	6.76	89.24	27.11		65.0	
10230- CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	3.89	78.03	21.47	6.02	65.0	± 9.6 %
		Y	6.86	88.27	25.23		65.0	
		Z	7.16	89.19	26.40		65.0	
10231- CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	3.03	75.32	22.81	6.02	65.0	± 9.6 %
		Υ	3.92	81.25	25.48		65.0	
		Z	4.10	81.44	26.07		65.0	
10232- CAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	Х	3.94	78.86	22.44	6.02	65.0	± 9.6 %
		Υ	6.89	89.60	26.42		65.0	
		Z	6.74	89.21	27,10		65.0	
10233- CAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	X	3.88	77.99	21.46	6.02	65.0	± 9.6 %
		Υ	6.83	88.22	25.21		65.0	
		Z	7.13	89.13	26.38		65.0	
10234- CAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	2.96	74.84	22.48	6.02	65.0	± 9.6 %
		Υ	3.82	80.66	25.12		65.0	
		Z	4.00	80.82	25.70		65.0	
10235- CAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	Х	3.94	78.87	22.44	6.02	65.0	± 9.6 %
		Υ	6.90	89.63	26.43		65.0	
		Z	6.75	89.23	27.11	ļ <u>.</u>	65.0	
10236- CAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	3.92	78.11	21.50	6.02	65.0	± 9.6 %
		Υ	6.93	88.43	25.27		65.0	
10237-	LTE-TDD (SC-FDMA, 1 RB, 10 MHz,	Z	7.23 3.03	89.34 75.32	26.44 22.81	6.02	65.0 65.0	± 9.6 %
CAE	QPSK)	+-;	2 00	04.07	25.40		650	
		Y	3.92	81.27	25,49		65.0	
10000	LITE TOD /CC EDMA 4 DD 45 MU-	Z	4.10	81.45	26.08	6.00	65.0	1060/
10238- CAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	3.93	78.83	22.43	6.02	65.0	± 9.6 %
		Y	6.87	89.57	26.41		65.0	
		Z	6.72	89.17	27.08	I	65.0	

10239- CAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	Х	3.87	77.95	21.45	6.02	65.0	± 9,6 %
		Y	6.80	88.17	25.20		65.0	
		Z	7.10	89.08	26.37		65.0	
10240- CAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	Х	3.02	75.30	22.81	6.02	65.0	± 9.6 %
		Υ	3.91	81.25	25.48		65.0	
		Z	4.09	81.42	26.07		65.0	
10241- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	Х	5.47	76.60	23.52	6.98	65.0	± 9.6 %
		Υ	6.28	79.70	24.95		65.0	
		Ζ	6.08	77.98	24.56		65.0	
10242- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	Х	5.17	75.55	22.99	6.98	65.0	± 9.6 %
~		Υ	5.96	78.71	24.47		65.0	
		Ζ	5.82	77.10	24.09		65.0	
10243- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	Х	4.47	72.66	22.57	6.98	65.0	± 9.6 %
		Υ	4.85	74.66	23.64		65.0	
		Z	4.89	73.70	23.43		65.0	
10244- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	Х	2.59	65.60	11.95	3.98	65.0	± 9.6 %
		Υ	3.16	68.30	13.59		65.0	
		Z	3.94	71.58	16.14	1	65.0	
10245- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	2.56	65.23	11.69	3.98	65.0	± 9,6 %
		Υ	3.08	67.71	13.25		65.0	
		Ζ	3.80	70.75	15.70		65.0	
10246- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	Х	2.30	67.33	13.29	3.98	65.0	± 9.6 %
		Υ	3.40	73.14	16.55		65.0	
		Ζ	3.20	71.92	16.41		65.0	
10247- CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	Х	2.93	67.28	14.07	3.98	65.0	± 9.6 %
		Υ	3.57	70.51	16.14	****	65.0	
		Z	3.50	69.72	16.15		65.0	
10248- CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	Х	2.93	66.83	13.84	3.98	65.0	± 9.6 %
		Υ	3.51	69.74	15.76		65.0	
		Z	3,49	69.17	15.87		65.0	
10249- CAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	Х	3.40	72.89	17.31	3,98	65.0	± 9.6 %
		Υ	5.05	79.62	20.60		65.0	
		Ζ	4.35	76.73	19.72		65.0	
10250- CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	Х	4.07	71.77	18.68	3.98	65.0	± 9.6 %
		Υ	4.65	74.35	20.17		65.0	
40054	LITE TOP (OC TOTAL)	Z	4,43	72.91	19.73		65.0	
10251- CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	Х	3.86	69.66	17.25	3,98	65.0	± 9.6 %
		Υ	4.37	71.98	18.68		65.0	
40000		Ζ	4.24	70.85	18.35		65.0	
10252- CAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	Х	4.28	75.56	20.13	3.98	65.0	±9.6 %
		Υ	5.50	80.28	22.41		65.0	
40050	LTE TOP (OC TOTAL)	Z	4.84	77.34	21.32		65.0	
10253- CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	Х	4.17	69.62	17.88	3.98	65.0	±9.6 %
		Υ	4.59	71.50	19.03		65.0	
100		Z	4.46	70.34	18.61		65.0	
10254- CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	Х	4.46	70.60	18.66	3.98	65.0	± 9.6 %
OME		Υ	4.90	72.45	19.77		65.0	
		Ż	1.00	12,70	10.11		: 00.0	

10255- CAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	Х	4.40	73.51	19.69	3.98	65.0	± 9.6 %
		Y	5.16	76.59	21.27		65.0	
		Ż	4.77	74.49	20.43		65.0	
10256- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	1.88	62.21	8.80	3.98	65.0	± 9.6 %
		Y	2.16	63.72	9.95		65.0	
		Z	2.68	66.18	12.27	******	65.0	
10257- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	Х	1.87	61.92	8.53	3.98	65.0	± 9.6 %
		Υ	2.13	63.28	9.61		65.0	
		Z	2.60	65.47	11.78		65.0	
10258- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	Х	1.63	62.98	9.76	3.98	65.0	± 9.6 %
		Y	2.11	66.24	12.11		65.0	
		Z	2.20	66.42	12.68		65.0	
10259- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	3.37	69.09	15.81	3.98	65.0	± 9.6 %
		Υ	4.03	72.21	17.73		65.0	
		Z	3.88	71.08	17.53		65.0	
10260- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	Х	3.41	68.89	15.70	3.98	65.0	±9.6%
		Υ	4.05	71.86	17.55		65.0	
		Z	3.92	70.83	17.40		65.0	
10261- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	3.65	73.54	18.24	3.98	65.0	± 9.6 %
		Υ	4.99	79.08	21.01		65.0	
		Z	4.36	76.25	20.08		65.0	
10262- CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	Х	4.05	71.68	18.62	3.98	65.0	± 9.6 %
		Υ	4.63	74.27	20.11		65.0	
		Z	4.42	72.84	19.67		65.0	
10263- CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	Х	3.85	69.65	17.25	3.98	65.0	± 9.6 %
		Y	4.36	71.96	18.67		65.0	
		Z	4.23	70.83	18.35		65.0	
10264- CAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	4.23	75.35	20.01	3.98	65.0	± 9.6 %
		Υ	5.43	80.04	22.29		65.0	
		Z	4.79	77.13	21.21		65.0	
10265- CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	Х	4.21	69.90	18.16	3.98	65.0	± 9.6 %
	·	Υ	4.65	71.84	19.30		65.0	
		Z	4.51	70.68	18.86		65.0	
10266- CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	Х	4.55	71.05	19.08	3.98	65.0	± 9.6 %
		Υ	5.00	72.95	20.16		65.0	
		Z	4.85	71.75	19.72		65.0	
10267- CAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	Х	4.57	74.06	19.81	3.98	65.0	± 9.6 %
		Υ	5.43	77.35	21.43		65.0	
		Z	4.99	75.14	20.54		65.0	
10268- CAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	Х	4.89	70.28	18.92	3.98	65.0	± 9.6 %
		Υ	5.29	71.90	19.82		65.0	
		Ζ	5.16	70.86	19.41		65.0	
10269- CAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	Х	4.93	70.03	18.82	3.98	65.0	± 9.6 %
		Υ	5.31	71.54	19.69		65.0	
		Z	5.18	70.53	19.29		65.0	
10270- CAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	Х	4.82	72.26	19.25	3.98	65.0	± 9.6 %
CAE		Υ	5.40	74.50	20.39	T	65.0	
		Ż	3,40	14.00	20.00	1	0.00	

10274- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.30	66.08	14.21	0.00	150.0	± 9.6 %
		Y	2.48	67,13	15.07		150.0	
		Z	2.37	65.78	14.35		150.0	
10275- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	X	1.33	66.42	14.09	0.00	150.0	± 9.6 %
		Υ	1.55	68.66	15.67		150.0	
		Z	1.35	65.99	13.99		150.0	
10277- CAA	PHS (QPSK)	X	1.44	58.96	4.35	9.03	50.0	± 9.6 %
		Υ	1.29	58.94	4.16		50.0	
40070		Z	1.60	59.77	5.29		50.0	
10278- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	Х	2.42	63.55	9.32	9.03	50.0	± 9.6 %
		Υ	2.50	65.00	10.23		50.0	
40070	DUO (ODOK DW OO WILL DU KO OO)	Z	3.00	66.61	11.73		50.0	
10279- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	X	2.47	63.72	9.48	9.03	50.0	± 9.6 %
		Υ	2.58	65.28	10.45		50.0	
10200	CDMA2000 DOL COST 5 25	Z	3.09	66.89	11.94		50.0	
10290- AAB	CDMA2000, RC1, SO55, Full Rate	X	0.64	61.56	7.87	0.00	150.0	± 9.6 %
		Y	0.98	65.79	11.09		150.0	
10291-	CDMACOCO DOS COSE E II D 4	Z	0.84	63.19	9.57		150.0	
AAB	CDMA2000, RC3, SO55, Full Rate	X	0.41	60.33	6.79	0.00	150.0	± 9.6 %
		Y	0.62	64.18	10.12		150.0	
10292-	CDM42000 DC2 CO20 F. # D-4	Z	0.50	61.40	8.20		150.0	
AAB	CDMA2000, RC3, SO32, Full Rate	Х	0.46	61.89	7.99	0.00	150.0	± 9.6 %
		Υ	1.01	70.37	13.40		150.0	
40000		Z	0.57	63.19	9.51		150.0	
10293- AAB	CDMA2000, RC3, SO3, Full Rate	Х	0.64	65.03	10.07	0.00	150.0	± 9.6 %
		Υ	4.97	89.66	20.54		150.0	
40005	ODIMAGOS DOLOGO VICE	Z	0.76	66.38	11.57		150.0	
10295- AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	Х	14.73	88.54	22.30	9.03	50.0	± 9.6 %
		Υ	21.95	97.75	26.07		50.0	
40007		Z	14.97	91.80	24.79		50.0	
10297- AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	2.34	68.34	15.82	0.00	150.0	±9.6 %
		<u> Y</u>	2.58	69.89	16.76		150.0	
10298-	LTE EDD (CO EDMA CON ED O MIL		2.40	68.08	15.64		150.0	
AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	Х	0.86	62.29	9.16	0.00	150.0	± 9.6 %
		Y	1.16	65.45	11.69		150.0	
10299-	LTE EDD (SC EDMA 500) DD 3 MUL	Z	1.05	63.56	10.60		150.0	
AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	Х	1.14	61.76	8.21	0.00	150.0	± 9.6 %
		Y	1.41	63.51	9.50		150.0	
10300-	LTE EDD (CC EDMA FOR DD CAN)	Z	1.73	65.72	11.49		150.0	
AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	0.97	60.07	6.55	0.00	150.0	±9.6 %
	<u> </u>	Y	1.14	61.11	7.49		150.0	****
10301- AAA	IEEE 802.16e WIMAX (29:18, 5ms,	Z X	1.33 4.13	62.21 64.55	8.89 16.56	4.17	150.0 50.0	± 9.6 %
///	10MHz, QPSK, PUSC)	 	4.00	05.00	4			
		Y	4.26	65.00	16.97	·	50.0	
10302-	IEEE 802.16e WIMAX (29:18, 5ms,	Z	4.39	64.86	16.90	4.5-	50.0	
AAA	10MHz, QPSK, PUSC, 3 CTRL symbols)	Х	4.66	65.38	17.39	4.96	50.0	±9.6 %
		Y	4.76	65.70	17.72		50.0	
		Ζ	4.88	65.46	17.59		50.0	

10303-	IEEE 802.16e WiMAX (31:15, 5ms,	T V T	A AE	65.06	47.40	4.00	E0.0	1000
AAA	10MHz, 64QAM, PUSC)	X	4.45	65.36	17.40	4.96	50.0	± 9.6 %
		Υ	4.51	65.30	17.48		50.0	
		Z	4.62	65.06	17.37		50.0	
10304- AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	X	4.25	64.98	16.73	4.17	50.0	± 9.6 %
		Y	4.36	65.33	17.07		50.0	
		Z	4.45	64.98	16.90		50.0	
10305- AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	Х	3.81	66.28	17.81	6.02	35.0	± 9.6 %
		Y	3.76	65.91	18.03		35.0	
10306- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	X	4.04 4.18	66.66 65.73	18.48 17.92	6.02	35.0 35.0	± 9.6 %
		Y	4.17	65.55	18.11		35.0	
		Z	4.39	65.94	18.38		35.0	
10307- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	Х	4.05	65.69	17.78	6.02	35.0	± 9.6 %
		Υ	4.04	65.48	17.96		35.0	
40000		Z	4.27	65.96	18.27		35.0	
10308- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	X	4.03	65.87	17.91	6.02	35.0	± 9.6 %
		Y	4.01	65.64	18.09		35.0	
10200	IEEE 802.16e WIMAX (29:18, 10ms,	Z	4.25	66.15	18.40	6.00	35.0	1000
10309- AAA	10MHz, 16QAM, AMC 2x3, 18 symbols)	X	4.18	65.77	18.00	6.02	35.0	± 9.6 %
		Y Z	4.19 4.42	65.61	18.20 18.49		35.0 35.0	
10310- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	4.13	66.06 65.78	17.90	6.02	35.0	± 9.6 %
7001	TOWNIE, QUOIN, MINO EXO, TO SYMBOIS	Y	4.12	65.57	18.08		35.0	
		Z	4.34	65.98	18.35		35.0	
10311- AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	Х	2.69	67.62	15.56	0.00	150.0	± 9.6 %
		Υ	2.94	69.08	16.39		150.0	
		Z	2.75	67.40	15.38		150.0	
10313- AAA	iDEN 1:3	X	1.80	67.21	13.40	6.99	70.0	± 9.6 %
		Υ	2.78	73.35	16.36		70.0	
		Z	2.09	69.09	14.51		70.0	
10314- AAA	IDEN 1:6	X	3.26	75.39	19.57	10.00	30.0	± 9.6 %
		Y	5.56	85.97	24.05		30.0	
10315- AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	4.04 0.96	79.23 62.72	21.39 14.16	0.17	30.0 150.0	± 9.6 %
	C-1	Y	1.05 0.96	63.94 62.45	15.22 14.04		150.0 150.0	
10316- AAB	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 96pc duty cycle)	X	4.24	66.42	15.96	0.17	150.0	± 9.6 %
		Υ	4.35	66.80	16.22		150.0	
		Z	4.36	66.32	16.01		150.0	
10317- AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	Х	4.24	66.42	15.96	0.17	150.0	± 9.6 %
		Y	4.35	66.80	16.22		150.0	
10400- AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	Z X	4.36 4.31	66.32 66.71	16.01 15.99	0.00	150.0 150.0	± 9.6 %
ヘヘレ	oope duty cyole)	Y	4.43	67.11	16.24		150.0	
		Z	4.43	66.60	15.99		150.0	
10401- AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	X	4.98	66.52	16.05	0.00	150.0	±9.6 %
	1	Υ	5.08	66.87	16.24		150.0	
		Z	5.16	66.70	16.18		150.0	

10402- AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	Х	5.36	67.14	16.28	0.00	150.0	± 9.6 %
		Υ	5.44	67.45	16.42		150.0	
		Z	5.45	67.07	16.25		150.0	
10403- AAB	CDMA2000 (1xEV-DO, Rev. 0)	Х	0.64	61.56	7.87	0.00	115.0	± 9.6 %
		Υ	0.98	65.79	11.09		115.0	
		Z	0.84	63.19	9.57		115.0	
10404- AAB	CDMA2000 (1xEV-DO, Rev. A)	Х	0.64	61.56	7.87	0.00	115.0	± 9.6 %
		Υ	0.98	65.79	11.09		115.0	
40400	001440000 000 0000 0044 0	Z	0.84	63.19	9.57		115.0	
10406- AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	Х	100.00	119.53	28.08	0.00	100.0	± 9.6 %
		Y	100.00	115.68	26.57		100.0	
10/10	LTC TDD (CC FDMA 4 DD 40 ML)	Z	100.00	126.19	31.47		100.0	
10410- AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	X	2.86	79.80	18.70	3,23	80.0	± 9.6 %
		Υ	25.09	107.33	26,44		80.0	
40445	TEEE 000 441 MEE 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	Z	100.00	133.23	34.42		80.0	
10415- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	Х	0.92	62.32	13.80	0.00	150.0	± 9.6 %
		Υ	1.00	63.42	14.80		150.0	
40440	JEEF 000 44 MET 0 4 OUT (EDD	Z	0.91	61.96	13.60		150.0	
10416- AAA	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 99pc duty cycle)	X	4.22	66.50	15.96	0.00	150.0	± 9.6 %
		Y	4.32	66.87	16.21		150.0	
40447	SEEE 000 44 % INSELS OUT 40EDA 4	Z	4.32	66.33	15.95		150.0	
10417- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	Х	4.22	66.50	15.96	0.00	150.0	± 9.6 %
		Υ	4.32	66.87	16.21		150.0	
10418-	JEEE 902 41 - MIE 2 4 OLL- (D000	Z	4.32	66.33	15.95		150.0	
AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	Х	4.21	66.71	16.02	0.00	150.0	± 9.6 %
		Υ	4.32	67.09	16.27		150.0	
		Ζ	4.31	66.51	15.99		150.0	
10419- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	X	4.23	66.64	16.01	0.00	150.0	± 9.6 %
		Υ	4.34	67.01	16.25		150.0	
		Z	4.33	66.45	15.98	· · · · · · · · · · · · · · · · · · ·	150.0	
10422- AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	4.33	66.62	16.03	0.00	150.0	± 9.6 %
***************************************		Υ	4.44	66.98	16.26		150.0	
40400	IEEE 000 44. 2 m o	Z	4.44	66.45	16.00		150.0	
10423- AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	Х	4.45	66.86	16.11	0.00	150.0	± 9.6 %
		Y	4.56	67.23	16.34		150.0	
10424-	IEEE 900 445 /UT 0 5-11 70 0	Z	4.57	66.72	16.10		150.0	
AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	Х	4.38	66.81	16.08	0.00	150.0	± 9.6 %
		Y	4.50	67.18	16.32		150.0	
10425-	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	Z X	4.50 5.03	66.66 67.03	16.07 16.34	0.00	150.0 150.0	± 9.6 %
AAB			F 44	077.00	40.40		150.0	
AAB	·	Υ	511 1	n/ 1/	In au			
AAB	·	Y Z	5.11 5.14	67.32 66.98	16.49 16.33			
10426- AAB	IEEE 802.11n (HT Greenfield, 90 Mbps,	Z X	5.14 5.06	66.98 67.16	16.49 16.33 16.40	0.00	150.0 150.0	± 9.6 %
10426-	·	Z	5.14	66.98	16.33	0.00	150.0	± 9.6 %

10427- AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	Х	5.01	66.91	16.27	0.00	150.0	± 9.6 %
		Υ	5.09	67.19	16.41		150.0	
		Ζ	5.13	66.90	16.28		150.0	
10430- AAC	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	Х	4.07	72.07	17.91	0.00	150.0	± 9.6 %
		Υ	4.24	72.56	18.40		150.0	
		Z	4.04	71.02	17.78		150.0	
10431- AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	Х	3.79	66.99	15.69	0.00	150.0	± 9.6 %
		Υ	3.94	67.49	16.09		150.0	
		Z	3.92	66.79	15.76	***************************************	150.0	
10432- AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	X	4.13	66.89	15.96	0.00	150.0	± 9.6 %
		Y	4.26	67.30	16.25		150.0	
40400	LTE EDD (OFDIA) COLUMN	Z	4.25	66.71	15.96		150.0	
10433- AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	X	4.40	66.85	16.11	0.00	150.0	± 9.6 %
		Y	4.51	67.22	16.34		150.0	
10434-	IM CDMA (BC Tool Madel 4, 04 DDOL'S	Z	4.51	66.70	16.09	A 00	150.0	
AAA 	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.05	72.38	17.35	0.00	150.0	± 9.6 %
			4.37	73.48	18.19		150.0	
10435-	LITE TOD (OC FOMA 4 DD COARL)	Z	4.07	71.60	17.46		150.0	
AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.72	79.05	18.38	3.23	80.0	± 9.6 %
		Y	21.44	105.07	25.81		80.0	
40447	LTE EDD (OFDIA) CALL E THO	Z	100.00	132.91	34.27		80.0	
10447- AAC	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	Х	2.96	66.34	14.12	0.00	150.0	± 9.6 %
		Υ	3,18	67.31	14.92		150.0	
		Z	3.13	66.39	14.53		150.0	
10448- AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	X	3.67	66.79	15.57	0.00	150.0	± 9.6 %
		Υ	3.81	67.30	15.97		150.0	
		Z	3.78	66.58	15,62		150.0	
10449- AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	X	3.98	66.71	15.86	0.00	150.0	± 9.6 %
		Υ	4.10	67.14	16.16		150.0	
		Z	4.09	66.52	15.85		150.0	
10450- AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.21	66.62	15.96	0.00	150.0	± 9.6 %
		Υ	4.32	67.01	16.21		150.0	
		Z	4.30	66.46	15.93		150.0	
10451- AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	Х	2.70	65.75	13.11	0.00	150.0	± 9.6 %
		Υ	2.96	67.00	14.12		150.0	
		Z	2.94	66.14	13.79		150.0	
10456- AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	Х	5.99	67.61	16.55	0,00	150.0	± 9.6 %
	4-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	Y	6.02	67.80	16.61		150.0	
		Z	6.11	67.72	16.61		150.0	
10457- AAA	UMTS-FDD (DC-HSDPA)	X	3.61	65.32	15.70	0.00	150.0	± 9.6 %
		Υ	3.69	65.64	15.94		150.0	
10458- AAA	CDMA2000 (1xEV-DO, Rev. B, 2	Z X	3.65 3.19	65.04 69.07	15.66 15.08	0.00	150.0 150.0	± 9.6 %
/\/\\\	carriers)	Y	3.69	71.30	16.62		150.0	1
		Z	3.53	69.92			·	
10459-	CDMA2000 (1vEV DO Pov P 2	X			16.16	0.00	150.0	+06%
AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)		4.69	69.03	17.48	0.00	150.0	± 9.6 %
		Y	4.79	69.11	17.75	 	150.0	ļ
		Z	4.84	68.73	17.83	<u> </u>	150.0	<u>l</u>

10460- AAA	UMTS-FDD (WCDMA, AMR)	X	0.72	66.02	14.12	0.00	150.0	± 9.6 %
		Υ	0.91	69.57	16.66		150.0	
		Z	0.71	65.26	13.72		150.0	
10461- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.93	75.92	18.31	3.29	80.0	±9.6%
		Υ	6.83	93.43	24.06		80,0	
		Z	100.00	137.66	36.58		80.0	
10462- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	0.63	60.00	7.27	3.23	80.0	± 9.6 %
·		Υ	0.63	60.00	7.19		80.0	
10.00		Z	1.15	65.31	10.99		80.0	
10463- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	0.65	60.00	6.55	3.23	80.0	± 9.6 %
***************************************		Y	0.66	60.00	6.45		80.0	
40404	LTE TOD (OG FDM) 4 DD G MIL	Z	0.67	60.00	7.76		80.0	
10464- AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.38	71.32	15.83	3.23	80.0	± 9.6 %
		Y	4.54	86.66	21.20		80.0	
10465	LTC TDD (CO CDAMA 4 DD CAMA 4	Z	100.00	134.26	34.80		80.0	
10465- AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	0.63	60.00	7.20	3.23	80.0	± 9.6 %
		Y	0.63	60.00	7.11		80.0	
40400	LTE TOD (OC TOM 4 DD CAM)	Z	0.94	63.37	10.05		80.0	
10466- AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	Х	0.65	60.00	6.50	3.23	80.0	±9.6 %
		Y	0.66	60.00	6.41		80.0	
10467-	LTE TOD (CC CDMA 4 DD 5 MH-	Z	0.68	60.00	7.70		80.0	
AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	1.47	72.19	16.22	3.23	80.0	± 9.6 %
		Υ	5.30	88.83	21.91		80.0	
40400	LITE TOD (OO FDIAL LOD SINGLE)	Z	100.00	134.76	35.02		80.0	
10468- AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	Х	0.63	60.00	7.22	3.23	80.0	± 9.6 %
		Υ	0.63	60.00	7.14		80.0	
40400	LTE TOD (OO FOLM) 4 DD FAMIL OF	Z	0.99	63.90	10.32		80.0	
10469- AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.65	60.00	6.51	3.23	80.0	± 9.6 %
		Υ	0.66	60.00	6.41		80.0	
40.470	LTE TRR (OR ERM)	Z	0.68	60.00	7.70		80.0	
10470- AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	1.46	72.21	16.22	3.23	80.0	± 9.6 %
		Υ	5.35	88.98	21.94		80.0	
10471-	LTE TDD (OC EDMA 4 DD 40 ML) 40	Z	100.00	134.82	35.03		80.0	
AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	Х	0.63	60.00	7.21	3.23	80.0	± 9.6 %
		Υ	0.63	60.00	7.12		80.0	
10472-	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-	Z	0.98	63.79	10.26		80.0	
AAD	QAM, UL Subframe=2,3,4,7,8,9)		0.65	60.00	6.49	3,23	80.0	± 9.6 %
		Y	0.66	60.00	6.39		80.0	
10473-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz,	Z	0.67	60.00	7.68		80.0	
AAD	QPSK, UL Subframe=2,3,4,7,8,9)	X	1.46	72.15	16.20	3.23	80.0	± 9.6 %
		Y	5.31	88.87	21.90		80.0	
10474- AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Z X	100.00 0.63	134.77 60.00	35.01 7.20	3.23	80.0 80.0	± 9.6 %
· • • •	= 101, 02 000Hame=2,0,4,1,0,5)	Υ	0.63	60.00	7 40		00.0	····
		Z	0.63	63.74	7.12	· · · · · · · · · · · · · · · · · · ·	80.0	
10475-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-	X	0.65	60.00	10.23	2 22	80.0	1.0.0.0
AAD	QAM, UL Subframe=2,3,4,7,8,9)				6.49	3.23	80.0	± 9.6 %
		Y	0.66	60.00	6.39		80.0	
		Ζ	0.67	60.00	7.69		80.0	

10477- AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	0.63	60.00	7.17	3.23	80.0	± 9.6 %
//\L	QAIVI, OL OUDITAINS-2,0,4,7,0,9)	Y	0.63	60.00	7.08		80.0	
		ż	0.93	63.31	10.01		80.0	
10478- AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.65	60.00	6.47	3.23	80.0	± 9.6 %
		Υ	0.66	60.00	6.37	***************************************	80.0	
		Z	0.67	60,00	7.67		80.0	
10479- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	4.26	80.69	20.19	3.23	80.0	± 9.6 %
		Υ	7.01	87.70	22.71		80.0	
		Z	21.27	105.57	28.88		80.0	
10480- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.88	66.39	12,32	3.23	80.0	± 9.6 %
		Y	3.13	71.95	14.74		80.0	
40404	1.TE TDD (00 ED) (0.00 ED) (1.4.4.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	Z	13.52	90.52	21.87	0.00	80.0	
10481- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.43	63.16	10.40	3.23	80.0	± 9.6 %
		Υ	2.06	66.80	12.23		80.0	
40400	LITE TOD (CO EDMA 500) SD CAN	Z	6.11	79.62	18.02		80.0	1.000
10482- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.06	61.11	9.78	2.23	80.0	± 9.6 %
		Y	1.73	66.89	13.39		80.0	
40400	LTT TDD (OO EDIM COOK DD OAK)	Z	1.53	64.78	12.61	0.00	80.0	
10483- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.23	60.00	8.50	2.23	80.0	± 9.6 %
		Y	1.57	62.45	10.22		80.0	
40404	LTE TOD (CO FOLM FOR DD O MIL	Z	2.78	68.98	14.19	0.00	80.0	1000
10484- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.26	60.00	8.49	2.23	80.0	± 9.6 %
		Υ	1.54	61.98	9.97		80.0	
/n /n=		Z	2.53	67.57	13.58		80.0	
10485- AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	1.66	65.74	13.74	2.23	80.0	± 9.6 %
		Υ	2.52	71.78	17.06		80.0	
		Z	2.10	68.47	15.70		80.0	
10486- AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	1.66	62.56	11.27	2.23	80.0	± 9.6 %
		Y	2.26	66.58	13.85		80.0	
4040=		Z	2.12	65.12	13.38		80.0	
10487- AAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.67	62.33	11.12	2.23	80.0	± 9.6 %
		Y	2.24	66.10	13.59		80.0	
40400	LITE TOP (OO FOLIA FOO) DD 40 MIL	Z	2.14	64.83	13.21	0.00	80.0	
10488- AAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.26	67.65	16.13	2.23	80.0	± 9.6 %
***************************************		Y	2.82	71.24	18.12		80.0	
40400	LTE TOD (CO EDMA EOV DD 40 MI)	Z	2.57	69.00	17.08	0.00	80.0	+06%
10489- AAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	***************************************	2.49	65.85	15.07	2.23	80.0	± 9.6 %
		Y	2.90	68.21	16.54	 	80.0	
40400	LTE-TDD (SC-FDMA, 50% RB, 10 MHz,	Z	2.74	66.70 65.79	15.91	2 22	80.0	± 9.6 %
10490- AAD	64-QAM, UL Subframe=2,3,4,7,8,9)		2.57		15.03	2.23	80.0	£ 9,0 %
	<u> </u>	Y	2.97	68.04	16.46	 	80.0	-
10491-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	X	2.83 2.64	66.63 67.24	15.88 16.30	2.23	80.0 80.0	± 9.6 %
AAD	QPSK, UL Subframe=2,3,4,7,8,9)	Y	3.09	69.79	17.74	-	80.0	
		Z	2.92	68.21	16.96		80.0	-
10492-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	 _	2.92	65.80	15.66	2.23	80.0	± 9.6 %
10492- AAD	16-QAM, UL Subframe=2,3,4,7,8,9)					2.23		2 3.0 70
		Y	3.24	67.45	16.69	-	80.0	
		j Z	3.14	66.35	16.22	1	80.0	<u> </u>

10493-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	T V	2.00	00.74	45.00	T 0.00	1 000	1
AAD	64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.99	65.74	15.62	2.23	80.0	± 9.6 %
	2,0,1,7,0,0)	Υ	3.29	67.32	16.63		80.0	
		Z	3,21	66.28	16.18		80.0	
10494- AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.77	68.16	16.65	2.23	80.0	± 9.6 %
		Υ	3.31	71.10	18.21	<u> </u>	80.0	
		Z	3.09	69.31	17.33		80.0	
10495- AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	2.95	66.01	15.89	2.23	80.0	± 9.6 %
···		Υ	3.25	67.67	16.91		80.0	
40400		Z	3.16	66.59	16.41		80.0	
10496- AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.04	65.92	15.89	2.23	80.0	± 9.6 %
******		Υ	3.34	67.48	16.84		80.0	
40407	LTE TOP (OG FRAM (OG) TO	Z	3.25	66.45	16.38		80.0	
10497- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	0.90	60.00	7.56	2.23	80.0	± 9.6 %
		Y	0.94	60.22	8.59		80.0	
10498-	LTE TOD (DO FDMA 4000) DO 4 :	Z	0.98	60.00	8.77		80.0	
10498- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	1.09	60.00	6.33	2.23	80.0	± 9.6 %
		Υ	1.09	60.00	7.12		80.0	
40.400		Z	1.16	60.00	7.58		80.0	
10499- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.11	60.00	6.17	2.23	80.0	±9.6 %
·		Υ	1.11	60.00	6.94		80.0	
		Z	1.17	60.00	7.42		80.0	
10500- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	1.91	66,68	14.78	2.23	80.0	±9.6%
		Υ	2.64	71.54	17.49		80.0	
40504		Ζ	2.29	68.68	16.26		80.0	
10501- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.02	64.23	12.91	2.23	80.0	± 9.6 %
		Y	2.60	67.75	15.11		80.0	
40500	LTE TOP (OC EDIAL 1999) PER STATE	Ζ	2.42	66.09	14.51		80.0	
10502- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.05	64.07	12.75	2.23	80.0	±9.6 %
		Y	2.63	67.51	14.92		80.0	
10502	LTE TOP (SO FINAL ASSOCIATION	Ζ	2.46	65.95	14.37		80.0	
10503- AAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	2.23	67.47	16.03	2.23	80.0	± 9.6 %
		Y	2.79	71.03	18.01		80.0	
10504-	LITE TOD (SC EDMA 1000/ DD EMIL	Ζ	2.54	68.82	16.98		80.0	
AAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.48	65.75	15.00	2.23	80.0	± 9.6 %
		Y	2.88	68.10	16.48		80.0	
10505-	LTE-TDD (SC-FDMA, 100% RB, 5 MHz,	Z X	2.73	66.60	15.85		80.0	
AAD	64-QAM, UL Subframe=2,3,4,7,8,9)		2.55	65.70	14.97	2.23	80.0	± 9.6 %
		Y	2.95	67.94	16.40		80.0	
10506-	LTE-TDD (SC-FDMA, 100% RB, 10	Z	2.81	66.54	15.82		80.0	
AAD	MHz, QPSK, UL Subframe=2,3,4,7,8,9)		2.76	68.04	16.58	2.23	80.0	± 9.6 %
		Y	3.29	70.96	18.14		80.0	
10507-	LTE-TDD (SC-FDMA, 100% RB, 10	Z	3.07	69.18	17.26		80.0	
10507- NAD	MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.93	65.95	15.85	2.23	80.0	± 9.6 %
	<u> </u>							
	Sacratile 2,0,4,1,0,0)	Y	3.24	67.61	16.87		80.0	

10508- AAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.03	65.86	15.84	2.23	80.0	± 9.6 %
		Υ	3.33	67.40	16.79		80.0	
		Z	3.24	66.38	16.33		0.08	
10509- AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.24	67.72	16.53	2.23	80.0	± 9.6 %
		Υ	3.69	69.96	17.72		80.0	
		Z	3.51	68.56	17.03		80.0	
10510- AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.43	65.97	16.12	2.23	80,0	± 9.6 %
		Υ	3.71	67.32	16.91		80.0	
		Z	3.64	66.47	16.52		80.0	
10511- AAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.52	65.89	16.12	2.23	80.0	± 9.6 %
		Y	3.78	67.15	16.86		80.0	
		Ζ	3.71	66.32	16.49		80.0	
10512- AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.22	68.47	16.72	2.23	80.0	± 9.6 %
		Y	3.79	71.22	18.12		80.0	
105/-		Z	3.54	69.57	17.32		80.0	
10513- AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.32	66.00	16.15	2.23	80.0	± 9.6 %
		Υ	3.60	67.43	16.98		80.0	
		Z	3.52	66.56	16.56		80.0	
10514- AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.39	65.79	16.10	2.23	80.0	± 9.6 %
		Y	3.64	67.11	16.88		80.0	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Z	3.57	66.28	16.49		80.0	
10515- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	Х	0.88	62.44	13.81	0.00	150.0	± 9.6 %
		Υ	0.96	63.62	14.88		150.0	
		Z	0.87	62.07	13.59		150.0	
10516- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	0.45	66.98	14.48	0.00	150.0	± 9.6 %
***************************************		Y	0.65	72.72	18.47		150.0	
40547	IEEE 000 44h WIELO 4 OH- (D000 44	Z	0.42	65.95	13.66	0.00	150.0	1000
10517- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.70	63.68	13.97	0.00	150.0 150.0	± 9.6 %
		Z	0.81 0.69	65.65 63.23	15.62 13.65	ļ	150.0	
10518- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	X	4.21	66.61	15.96	0.00	150.0	± 9.6 %
		Y	4.32	66.98	16.20		150.0	
, ,		Z	4.31	66.42	15.93		150.0	
10519- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	Х	4.34	66.77	16.04	0.00	150.0	± 9.6 %
,,,,,		Y	4.46	67.14	16.28		150.0	
40000	JEEE 000 44 # WEST COLL (OFFICE)	Z	4.46	66.61	16.03	<u> </u>	150.0	1000
10520- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	4.20	66.68	15.95	0.00	150.0	± 9.6 %
		Z	4.32 4.31	67.07 66.53	16.20 15.94	-	150.0 150.0	
10521- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.13	66.63	15.92	0.00	150.0	± 9.6 %
······································		Υ	4.25	67.04	16.18		150.0	
		Z	4.24	66.49	15.91		150.0	
10522- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.17	66.72	15.99	0.00	150.0	± 9.6 %
		Υ	4.29	67.14	16.26		150.0	
		Z	4.30	66.63	16.02		150.0	

10523- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	Х	4.12	66.80	15.96	0.00	150.0	± 9.6 %
		Υ	4.24	67.19	16.22		150.0	
		Z	4.21	66.57	15.90		150.0	
10524- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	Х	4.13	66.73	16.01	0.00	150.0	± 9.6 %
		Υ	4.25	67.13	16.27		150.0	
40505		Z	4.25	66.57	15.99		150.0	
10525- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	X	4.18	65.86	15.65	0.00	150.0	± 9.6 %
		Y	4.29	66.26	15.91		150.0	
10526-	IEEE 802.11ac WiFi (20MHz, MCS1,	Z	4.27	65.65	15.61		150.0	
AAB	99pc duty cycle)	X	4.28	66.10	15.76	0.00	150.0	±9.6 %
		Y	4.41	66.52	16.01		150.0	
10527-	IEEE 802.11ac WiFi (20MHz, MCS2,	Z	4.40	65.94	15.73	0.00	150.0	
AAB	99pc duty cycle)	Х	4.22	66.07	15.69	0.00	150.0	± 9.6 %
		Y	4.34	66.49	15.96		150.0	
10528-	IEEE 802.11ac WiFi (20MHz, MCS3,	Z	4.33	65.90	15.66	0.00	150.0	l
AAB	99pc duty cycle)	X	4.23	66.08	15.73	0.00	150.0	± 9.6 %
	<u> </u>	Y	4.36	66.51	15.99		150.0	
10529-	IEEE 802.11ac WiFi (20MHz, MCS4,	Z	4.34	65.91	15.70		150.0	
AAB	99pc duty cycle)	X	4.23	66.08	15.73	0.00	150.0	± 9.6 %
		Υ	4.36	66.51	15.99		150.0	
10531-	IEEE 902 44oc M/Ei (20MI IIII MCCC	Z	4.34	65.91	15.70		150.0	
AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	Х	4.19	66.07	15.68	0.00	150.0	± 9.6 %
		Υ	4.32	66.52	15.96		150.0	
40500		Z	4.31	65.94	15.68		150.0	
10532- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	4.08	65.93	15.61	0.00	150.0	± 9.6 %
		Υ	4.20	66.39	15.90		150.0	
40500		Z	4.19	65.79	15.60		150.0	
10533- AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	Х	4.23	66.16	15.73	0.00	150.0	±9.6 %
		Υ	4.36	66.60	16.00		150.0	
40504		Z	4.35	65.98	15.69		150.0	
10534- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	Х	4.82	66.10	15.85	0.00	150.0	± 9.6 %
		Y	4.91	66.46	16.04		150.0	
40505	IEEE 000 dd Alleidau dd Al	Z	4.91	66.02	15.83		150.0	
10535- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	Х	4.85	66.20	15.91	0.00	150.0	± 9.6 %
		Y	4.94	66.56	16.09		150.0	
10526	IEEE 000 44a- MIEI (404)	Z	4.97	66.17	15.90		150.0	
10536- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	4.74	66.19	15.87	0.00	150.0	± 9.6 %
		Y	4.84	66.58	16.08		150.0	
10527	IEEE 000 44- 34070 (1035)	Z	4.85	66.14	15.86		150.0	
10537- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	X	4.82	66.26	15.91	0.00	150.0	±9.6 %
		Υ	4.91	66.59	16.08		150.0	
40520	1555 000 44 M/5/ (100 m)	Z	4.91	66.13	15.86		150.0	
10538- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	Х	4.87	66.17	15.91	0.00	150,0	± 9.6 %
		Y	4.97	66.52	16.09		150.0	
10540	IEEE 000 44 MEET (1011)	Z	4.98	66.12	15.90		150.0	
10540- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	Х	4.80	66.12	15.90	0.00	150.0	± 9.6 %
		Υ	4.90	66.49	16.09		150.0	
		Ζ	4.91	66.07	15.89		150.0	

10541- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	Х	4.79	66.06	15.85	0.00	150.0	± 9.6 %
	sopo daty cycloy	Υ	4.89	66.43	16.04		150.0	
		Ż	4.89	65.96	15.82		150.0	
10542- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	X	4.94	66.17	15.92	0.00	150.0	± 9.6 %
		Y	5.04	66.51	16.10		150.0	
		Z	5.05	66.09	15.90		150.0	
10543- AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.03	66.31	16.03	0.00	150.0	± 9.6 %
:		Υ	5.11	66.60	16.17		150.0	
		Z	5.12	66.17	15.97		150.0	
10544- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	X	5.18	66.16	15.86	0.00	150.0	±9.6%
		Υ	5.26	66.52	16.02		150.0	
		Z	5.26	66.12	15.84		150.0	
10545- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	5.36	66.65	16.06	0.00	150.0	± 9.6 %
		Υ	5.42	66.93	16.19		150.0	
		Z	5.45	66.61	16.04		150.0	
10546- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	Х	5.20	66.27	15.88	0.00	150.0	±9.6%
		Υ	5.29	66.63	16.05		150.0	
		Z	5.29	66.25	15.87		150.0	
10547- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.31	66.50	15.99	0.00	150.0	± 9.6 %
		Y	5.37	66.75	16.11		150.0	
		Z	5.38	66.37	15.93		150.0	
10548- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	Х	5.41	66.98	16.21	0.00	150.0	± 9.6 %
		Υ	5.49	67.30	16.36		150.0	
		Z	5.57	67.13	16.28		150.0	
10550- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	Х	5.30	66.60	16.06	0.00	150.0	± 9.6 %
		Y	5.35	66.83	16.16		150.0	
		Ž	5.37	66.46	15,99		150.0	
10551- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	X	5.19	66.21	15.83	0.00	150.0	± 9.6 %
		Y	5.28	66.60	16.01		150.0	
		Z	5.30	66.24	15.84		150.0	
10552- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	Х	5.18	66.29	15.86	0.00	150.0	± 9.6 %
		Υ	5.27	66.65	16.04		150.0	
		Z	5.26	66.20	15.82		150.0	
10553- AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.23	66.22	15.86	0.00	150.0	± 9.6 %
		Υ	5.32	66.58	16.03		150.0	
		Z	5.32	66.18	15.85		150.0	
10554- AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	Х	5.62	66,51	15.95	0.00	150.0	± 9.6 %
		Y	5.68	66.84	16.09		150.0	
		Z	5.69	66.48	15.94		150.0	
10555- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	Х	5.69	66.71	16.04	0.00	150.0	±9.6%
		Υ	5.76	67.04	16.18		150.0	
		Z	5.79	66.75	16.05		150.0	
10556- AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	Х	5.75	66.88	16.11	0.00	150.0	± 9.6 %
		Υ	5.80	67.16	16.23		150.0	
		Z	5.83	66.85	16.10		150.0	
10557- AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	5.69	66.70	16.04	0.00	150.0	±9.6%
		Υ	5.76	67.04	16.19		150.0	
		Z.	5.77	66.69	16.03		150.0	

10558- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	5.67	66.68	16.05	0.00	150.0	± 9.6 %
		Υ	5.76	67.07	16.22		150.0	
	Value Va	Ż	5.80	66.79	16.10		150.0	
10560- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	5.71	66.66	16.07	0.00	150.0	± 9.6 %
		Υ	5.79	67.02	16.23		150.0	
		Z	5.81	66.69	16.09		150.0	1
10561- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	Х	5.65	66.65	16.10	0.00	150.0	± 9.6 %
		Υ	5.72	67.00	16.25		150.0	
		Z	5.75	66.69	16.12		150.0	
10562- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	Х	5.68	66.77	16.16	0.00	150.0	± 9.6 %
		Υ	5.77	67.15	16.33		150.0	1
		Z	5.80	66,87	16.21		150.0	
10563- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	Х	5.80	66.82	16.15	0.00	150.0	± 9.6 %
***		Y	5.88	67.15	16.29		150.0	
		Z	5.91	66.85	16.17		150.0	
10564- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 99pc duty cycle)	Х	4.52	66.62	16.09	0.46	150.0	± 9.6 %
		Υ	4.63	66.97	16.32		150.0	· · · · · · · · · · · · · · · · · · ·
		Z	4.63	66.48	16.09		150.0	
10565- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	Х	4.71	67.05	16.42	0.46	150.0	±9.6 %
		Υ	4.82	67.38	16.63		150.0	
		Z	4.83	66.91	16.42		150.0	
10566- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 99pc duty cycle)	Х	4.54	66.82	16.20	0.46	150.0	± 9.6 %
		Υ	4.65	67.19	16.43		150.0	
		Ζ	4.66	66.71	16.22		150.0	
10567- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 99pc duty cycle)	Х	4.58	67.25	16.61	0.46	150.0	± 9.6 %
·		Υ	4.69	67.60	16.82		150.0	
		Z	4.69	67.12	16.60		150.0	·····
10568- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 99pc duty cycle)	Х	4.42	66.46	15.88	0.46	150.0	± 9.6 %
		Υ	4.54	66.88	16.15		150.0	
		Z	4.56	66.45	15.95		150.0	
10569- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 99pc duty cycle)	Х	4.58	67.53	16.78	0.46	150.0	± 9.6 %
		Υ	4.68	67.86	16.97		150.0	
		Z	4.68	67.31	16.72		150.0	
10570- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 99pc duty cycle)	Х	4.57	67.27	16.64	0.46	150.0	± 9.6 %
		Y	4.68	67.61	16.85		150.0	
405**		Z	4.69	67.12	16.62		150.0	
10571- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	Х	0.99	62.81	14.23	0.46	130.0	± 9.6 %
		Y	1.09	64.12	15.35		130.0	
		Z	1.00	62.69	14.25		130.0	
10572- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.00	63.25	14.53	0.46	130.0	± 9.6 %
		Υ	1.10	64.66	15.71		130.0	
40550		Z	1.00	63.12	14.54		130.0	
10573- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	Х	0.77	71.94	17.18	0.46	130.0	± 9.6 %
		Y	1.53	83.79	23.08		130.0	
	***************************************	Z	0.78	71.84	17.05		130.0	
10574-	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11	X	0.97	67.27	16.73	0.46	130.0	± 9.6 %
AAA	Mbps, 90pc duty cycle)						į į	'
AAA	Mbps, 90pc duty cycle)	Y	1.16	70.12	18.67		130.0	

10575-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	T V T	4.00	66.00	40.00	0.40	14000	1000
AAA	OFDM, 6 Mbps, 90pc duty cycle)	X	4.29	66.33	16.06	0.46	130.0	± 9.6 %
		Υ	4.40	66.70	16.31		130.0	
		Z	4.41	66.24	16.12		130.0	
10576- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 90pc duty cycle)	X	4.32	66.56	16.16	0.46	130.0	± 9.6 %
		Υ	4.43	66.92	16.41		130.0	
		Z	4.43	66.43	16.20		130.0	
10577- AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 90pc duty cycle)	Х	4.47	66.78	16.31	0.46	130,0	± 9.6 %
		Υ	4.58	67.14	16.55		130.0	
40570		Z	4.60	66.69	16.36		130.0	
10578- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 90pc duty cycle)	X	4.38	66.93	16.42	0.46	130.0	± 9.6 %
***************************************		Y	4.49	67.29	16.66	,,,,	130.0	
40570	JEEE 000 44 - MEEL 0 4 OLL (DOOG	Z	4.50	66.83	16.46		130.0	
10579- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 90pc duty cycle)	Х	4.12	66.01	15.59	0.46	130.0	± 9.6 %
		Y	4.24	66.44	15.89		130.0	
10000	IEEE 000 44 - 1200 0 4 0 1 10 0 0 0	Z	4.26	65.99	15.69		130.0	
10580- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 90pc duty cycle)	X	4.14	66.03	15.59	0.46	130.0	± 9.6 %
		Y	4.27	66.48	15.90		130.0	
40504		Z	4.30	66.06	15.72		130.0	
10581- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 90pc duty cycle)	X	4.29	67.01	16.39	0.46	130.0	±9.6 %
		Y	4.41	67.39	16.65		130.0	
10582-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	Z	4.41 4.04	66.87 65.76	16.41 15.35	0.46	130.0 130.0	± 9.6 %
AAA	OFDM, 54 Mbps, 90pc duty cycle)	Y	4.17	66.20	15.67		130.0	
		Z	4.19	65.76	15.46		130.0	
10583- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.29	66.33	16.06	0.46	130.0	± 9.6 %
	impo, oopo daty ojotoj	Y	4.40	66.70	16.31		130.0	
		Z	4.41	66.24	16.12		130.0	
10584- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.32	66.56	16.16	0.46	130.0	± 9.6 %
		Y	4.43	66.92	16.41		130.0	
		Z	4.43	66.43	16.20		130.0	
10585- AAB	IEEE 802.11a/h WiFl 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	Х	4.47	66.78	16.31	0.46	130.0	± 9.6 %
		Y	4.58	67.14	16.55		130.0	
		Z	4.60	66.69	16.36		130.0	
10586- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	Х	4.38	66.93	16.42	0.46	130.0	±9.6%
		Υ	4.49	67.29	16.66		130.0	
		Z	4.50	66.83	16.46		130.0	
10587- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	Х	4.12	66.01	15.59	0.46	130.0	± 9.6 %
		Υ	4.24	66.44	15.89		130.0	
		Z	4.26	65.99	15.69		130.0	
10588- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	4.14	66.03	15.59	0.46	130.0	± 9.6 %
	<u> </u>	Υ	4.27	66.48	15.90		130.0	
		Z	4.30	66.06	15.72		130.0	
10589- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	Х	4.29	67.01	16.39	0.46	130.0	± 9.6 %
		Υ	4.41	67.39	16.65		130.0	
		Z	4.41	66.87	16.41		130.0	
10590- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	Х	4.04	65.76	15.35	0.46	130.0	±9.6%
		Υ	4.17	66.20	15.67		130.0	
		Z	4.19	65.76	15.46		130.0	

10591- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.45	66.46	16.22	0.46	130.0	± 9.6 %
		Υ	4.56	66.80	16.44		130.0	
		Z	4.57	66.34	16.25		130.0	
10592- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	Х	4.56	66.73	16.33	0.46	130.0	± 9.6 %
		Y	4.67	67.08	16.56		130.0	
		Z	4.69	66.64	16.38		130.0	
10593- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	Х	4.47	66.59	16.17	0.46	130.0	±9.6%
		Υ	4.59	66.95	16.42		130.0	
		Z	4.60	66.51	16.23		130.0	
10594- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	4.53	66.78	16.36	0.46	130.0	± 9.6 %
		Y	4.64	67.13	16.59		130.0	
40505	1555 000 44 415 4	Z	4.66	66.69	16.40		130.0	
10595- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	4.49	66.75	16.26	0.46	130.0	±9.6 %
		Υ	4.61	67.12	16.50		130.0	
		Z	4.62	66.66	16.30		130.0	
10596- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	X	4.42	66.68	16.23	0.46	130.0	± 9.6 %
		Υ	4.53	67.07	16.49		130.0	
		Z	4.55	66.62	16.29		130.0	
10597- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	Х	4.37	66.54	16.07	0.46	130.0	± 9.6 %
		Υ	4.49	66.93	16.34		130.0	
		Z	4.51	66.49	16.14		130.0	
10598- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	Х	4.38	66.81	16.37	0.46	130.0	± 9.6 %
		Υ	4.49	67.18	16.61		130.0	
		Z	4.50	66.72	16.41		130.0	
10599- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.17	67.00	16.56	0.46	130.0	± 9.6 %
		Y	5.23	67.23	16.68		130.0	
		Z	5.27	66.93	16.57		130.0	
10600- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	5.26	67.35	16.71	0.46	130.0	± 9.6 %
		Υ	5.31	67.52	16,80		130.0	
		Z	5.40	67.37	16.76		130.0	
10601- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	Х	5.19	67.20	16.65	0.46	130.0	± 9.6 %
		Υ	5.24	67.37	16.74		130.0	
		Z	5.28	67.08	16.63		130.0	
10602- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	Х	5.24	67.11	16.52	0.46	130.0	± 9.6 %
		Υ	5.31	67.34	16.64		130.0	
/25		Z	5.41	67.24	16.63		130.0	
10603- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.29	67.35	16.79	0.46	130.0	± 9.6 %
		Υ	5.38	67.63	16.93		130.0	
		Z	5.49	67.59	16.94		130.0	
10604- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	Х	5.15	66.85	16.51	0.46	130.0	± 9.6 %
		Υ	5.25	67.21	16.70		130.0	
1005-		Z	5.37	67.21	16.74	·	130.0	
10605- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	Х	5.23	67.14	16.65	0.46	130.0	± 9.6 %
		Y	5.30	67.39	16.79		130.0	
		Z	5.38	67.23	16.74		130.0	······
10606- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	Х	5.05	66.67	16.26	0.46	130.0	±9.6 %
		Y	5.11	66.89	16.39		130.0	
		Z	5.14	66.57	16.26		130.0	

10607- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.30	65.79	15.85	0.46	130.0	± 9.6 %
	- sopodaty oyotoj	Y	4.41	66.18	16.11	 	130.0	
		l ż	4.41	65.65	15.87		130.0	
10608- AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.42	66.08	15.98	0.46	130.0	± 9.6 %
		Y	4.54	66.48	16.24		130.0	
		Z	4.55	65.99	16.03		130,0	
10609- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	Х	4.32	65.89	15.79	0.46	130.0	± 9.6 %
		Y	4.44	66.32	16.07		130.0	
10010		Z	4.44	65.81	15.84		130.0	
10610- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	X	4.37	66.08	15.98	0.46	130.0	± 9.6 %
		Y	4.49	66.49	16.24		130.0	
10611-	IEEE 900 44 co Wiff: /OOMIL- MOOA	Z	4.49	65.99	16.01	0.40	130.0	
AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	4.28	65.85	15.80	0.46	130.0	± 9.6 %
			4.40	66.28	16.08		130.0	
10612-	IEEE 802.11ac WiFi (20MHz, MCS5,	Z	4.41	65.78	15.85	0.40	130.0	1000
AAB	90pc duty cycle)	X	4.26	65.94	15.82 16.11	0.46	130.0	± 9.6 %
		l z	4.40	65.90	15.88		130.0	
10613-	IEEE 802.11ac WiFi (20MHz, MCS6,	$\frac{1}{x}$	4.25	65.75	15.65	0.46	130.0	± 9.6 %
AAB	90pc duty cycle)	Y	4.38	66.20	15.95	0.40	130.0	I 9.0 %
		Ż	4.40	65.73	15.73		130.0	
10614- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	4.24	66.02	15.94	0.46	130.0	± 9.6 %
		Y	4.36	66.46	16.22		130.0	
		Ż	4.36	65.95	15.99	····	130.0	
10615- AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	4.26	65.66	15.54	0.46	130.0	± 9.6 %
		Y	4.39	66.11	15.84		130.0	
		Z	4.40	65.60	15.61	,,,,,	130.0	
10616- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	4.95	66.09	16.09	0.46	130.0	± 9.6 %
		Υ	5.04	66.42	16.27		130.0	
		Z	5.06	66.06	16.12		130.0	
10617- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	X	4.98	66.18	16.11	0.46	130.0	± 9.6 %
· · · · · · · · · · · · · · · · · · ·		Υ	5.07	66.52	16.29		130.0	
10015	Imperior of the control of the contr	Z	5.13	66.25	16.19		130.0	
10618- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	4.89	66.22	16.14	0.46	130.0	± 9.6 %
		Y	4.99	66.61	16.35	<u> </u>	130.0	
10619- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	Z X	5.02 4.94	66.28 66.16	16.21 16.04	0.46	130.0 130.0	± 9.6 %
		Y	5.01	66.45	16.21		130.0	
		Ż	5.04	66.09	16.05	†	130.0	
10620- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	4.98	66.07	16.05	0.46	130.0	± 9.6 %
		Y	5.08	66.42	16.24		130.0	
		Z	5.12	66.10	16.11		130.0	
10621- AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	Х	5.00	66.21	16.25	0.46	130.0	± 9.6 %
		Υ	5.09	66.55	16.43		130.0	
		Z	5.12	66.22	16.29		130.0	
10622- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	×	4.98	66.29	16.29	0.46	130.0	± 9.6 %
		Υ	5,08	66.63	16.46		130.0	
		Z	5.11	66.32	16.34		130.0	

10623- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	Х	4.88	65.86	15.92	0.46	130.0	± 9.6 %
		Y	4.97	66.20	16.11		130.0	
		Z	4.99	65.82	15.95		130.0	
10624- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	Х	5.07	66.13	16.12	0.46	130.0	± 9.6 %
		Y	5.16	66.45	16.30		130.0	
		Z	5.20	66.12	16.17		130.0	
10625- AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	5.18	66.36	16.31	0.46	130.0	± 9.6 %
		Y	5.24	66.57	16.42		130.0	
40000	1555 000 44 NATE: (00141 14000	Z	5.32	66.38	16.36		130.0	
10626- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.30	66.10	16.05	0.46	130.0	± 9.6 %
		Y	5.38	66.44	16.22		130.0	
40007		Z	5.40	66.12	16.09		130.0	
10627- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	5.53	66.77	16.36	0.46	130.0	± 9.6 %
		Y	5.59	67.01	16.48		130.0	
40000	IEEE 000 44 MEE' (OOM) MOOO	Z	5.65	66.81	16.41	A 15	130.0	
10628- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.29	66.06	15.93	0.46	130.0	± 9.6 %
	_	Y	5.37	66.41	16.10		130.0	
40000	IEEE 000 44 - 180E: (00MH - 14000	Z	5.40	66.11	15.98		130.0	
10629- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	5.43	66.42	16.11	0.46	130.0	± 9.6 %
		Y	5.47	66.61	16.20		130.0	
10020	IEEE 000 dd oo MEE (00MH - MOCA	Z	5.50	66.31	16.08	0.40	130.0	
10630- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	Х	5.59	67.09	16.45	0.46	130.0	± 9.6 %
		Y	5.66	67.38	16.59		130.0	
40004		Z	5.82	67.46	16.66		130.0	ļ
10631- AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	5.58	67.18	16.70	0.46	130.0	±9.6%
		Y	5.66	67.50	16.84		130.0	
40000	JEET COS 44 MINISTRA	Z	5.74	67.33	16.79		130.0	
10632- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	Х	5.57	67.09	16.67	0.46	130.0	± 9.6 %
		Y	5.60	67.22	16.72		130.0	
10000	1555 000 11 10/51 1001 11	Z	5.64	66.96	16.63		130.0	
10633- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	5.30	66.12	16.00	0.46	130.0	± 9.6 %
		Y	5.39	66.49	16.18		130.0	
40004	LEEE 000 (4 MIE) (00) III MOOO	Z	5.45	66.28	16.11		130.0	
10634- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	Х	5.34	66.35	16.17	0.46	130.0	± 9.6 %
		Y	5.43	66.70	16.34		130.0	
10635-	IEEE 900 14 oo MUE! (OOM! III AAGGG	Z	5.44	66.35	16.20		130.0	
AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.19	65.54	15.47	0.46	130.0	± 9.6 %
		Y	5.28	65.93	15.68		130.0	
10636-	IEEE 902 44cc Wirt: /4ccMU - MOCC	Z	5.31	65.62	15.55	A 1-	130.0	
AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	Х	5.75	66.48	16.16	0.46	130.0	± 9.6 %
		Y	5.81	66.78	16.30		130.0	
10637- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	Z X	5.84 5.86	66.50 66.76	16.20 16.29	0.46	130.0 130.0	± 9.6 %
	oopo daty cycle)	Y	5.91	67.05	16.40		120.0	
		$\frac{1}{Z}$	5.98		16.42		130.0	
10638-	IEEE 802.11ac WiFi (160MHz, MCS2,	X	5.90	66.87 66.89	16.37 16.33	0.46	130.0	+0.6.9/
AAC	90pc duty cycle)]		0.46	130.0	± 9.6 %
		Y	5.95	67.16	16.45		130.0	
		Z	5.98	66.88	16.35		130.0	<u> </u>

10639- AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	Х	5,83	66.70	16.28	0.46	130.0	± 9.6 %
	- copo daty cycle)	Υ	5.90	67.02	16.42		130.0	
		Z	5.94	66.76	16.33		130.0	
10640- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	5.77	66.49	16.12	0.46	130.0	± 9.6 %
		Y	5.85	66.88	16.30		130.0	
		Z	5.92	66.69	16.24		130.0	
10641- AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	Х	5.90	66.70	16.24	0.46	130.0	± 9.6 %
		Υ	5.96	66.97	16.37		130.0	
		Z	6.02	66.77	16.30		130.0	
10642- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	Х	5.91	66.85	16.49	0.46	130.0	± 9.6 %
		Υ	5.98	67.18	16.64		130.0	
40040	[FFF 000 44 NAVE: 44001414 NAVE	Z	6.03	66.94	16.56		130.0	
10643- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	Х	5.75	66.52	16.20	0.46	130.0	± 9.6 %
		Υ	5.83	66.86	16.37	***************************************	130.0	
40044		Z	5.88	66.65	16.30		130.0	
10644- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	5.80	66.66	16.30	0.46	130.0	± 9.6 %
		Y	5.88	67.03	16.47		130.0	
10015	HEEF 000 44 - 1400 4400 411 14000	Z	5.94	66.85	16.42	0.15	130.0	
10645- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	X	5.94	66.78	16.33	0.46	130.0	± 9.6 %
		Y	6.00	67.06	16.46		130.0	
40040	LITE TOD (OO FOMA A DD FAIL	Z	6.15	67.15	16.54	0.00	130.0	
10646- AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	Х	5.05	83.78	28.65	9.30	60.0	± 9.6 %
		Y	6.98	93.27	32.89		60.0	
		Z	7.15	91.85	32.42		60.0	
10647- AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	Х	4.54	81.82	27.99	9.30	60.0	± 9.6 %
		Y	5.99	90.07	31.84		60.0	
10010		Z	6.33	89.46	31.67		60.0	
10648- AAA	CDMA2000 (1x Advanced)	X	0.37	60.00	6,05	0.00	150.0	± 9.6 %
		Υ	0.48	61.63	8.16		150.0	
		Z	0.43	60.11	6.90		150.0	
10652- AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	2.93	65.21	15.11	2.23	80.0	± 9.6 %
		Y	3.20	66.58	16.05		80.0	
70050		<u> Z</u>	3.10	65.44	15.57		80.0	
10653- AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	3,55	64.93	15.73	2.23	80.0	± 9.6 %
		Y	3.74	65.80	16.31		80.0	
40054	LITE TOD (OFDAM AS MILE S TAKES	Z	3.68	65.02	15.99	0.00	80.0	
10654- AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	X	3.60	64.60	15.83	2.23	80.0	± 9.6 %
		Y	3.76	65.39	16.34		80.0	
10055	LITE TOD (OCDAMA OO AND TAAO A	Z	3.70	64.69	16.04		80.0	. 0 0 0
10655- AAD	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	3.69	64.52	15.89	2.23	80,0	± 9.6 %
		Y	3.83	65.30	16.38		80.0	
10658- AAA	Pulse Waveform (200Hz, 10%)	Z X	3.78 3.48	64.64 68.63	16.09 11.85	10.00	80.0 50.0	± 9.6 %
7 V V 1		Y	5.65	74.45	13.80		50.0	
		$\frac{1}{z}$	7.21	77.53	15.77		50.0	
10659- AAA	Pulse Waveform (200Hz, 20%)	X	2.03	66.95	10.03	6.99	60.0	± 9.6 %
		1	ı	1	1	1	1	1
7771		Y	100.00	101.12	19.79		60.0	

10660- AAA	Pulse Waveform (200Hz, 40%)	X	0.68	62.61	6.79	3.98	80.0	± 9.6 %
		Y	100.00	101.16	18.64		80.0	
		Z	100.00	99.78	18.10		80.0	
10661- AAA	Pulse Waveform (200Hz, 60%)	Х	0.25	60.00	4.25	2.22	100.0	± 9.6 %
		Υ	100.00	102.31	18.13		100.0	
		Z	0.28	60.39	4.93		100.0	
10662- AAA	Pulse Waveform (200Hz, 80%)	Х	6.06	60.21	1.38	0.97	120.0	± 9.6 %
		Υ	100.00	96.37	14.68		120.0	
		Z	9.95	60.38	1.42		120.0	

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

Calibration Laboratory of

Schmid & Partner
Engineering AG
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Swiss Calibration Service

Accreditation No.: SCS 0108

Certificate No: EX3-7488_Jan19

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Client

Object

PC Test

CALIBRATION CERTIFICATE

EX3DV4 - SN:7488

Calibration procedure(s)

OM CALOLIVE, CIA CALOMUS, CIA CALOS VS, CIA GALOS V

Calbrelon procestors for sesimetric Ediald probes

12106(2019

Calibration date:

January 24, 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)

Briman, Standardo	ID	Cal Date (Certificate No.)	Scheduled Calibration
Primary Standards		· · · · · · · · · · · · · · · · · · ·	
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: S5277 (20x)	04-Apr-18 (No. 217-02682)	Apr-19
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: January 29, 2019

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

Calibration Laboratory of

Certificate No: EX3-7488 Jan19

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





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C Service suisse d'étalonnage
Servizio svizzero di taratura
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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 A, B, C, D modulation dependent linearization parameters

Polarization φ φ 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., $\vartheta = 0$ 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).

January 24, 2019 EX3DV4 - SN:7488

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7488

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (µV/(V/m) ²) ^A	0.45	0.49	0.50	± 10.1 %
DCP (mV) ^B	98.9	102.3	99.6	

Calibration Desults for Modulation Response

UID	ion Results for Modulation Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	149.5	± 2.7 %	± 4.7 %
		Y	0.00	0.00	1.00		140.8		
		Z	0.00	0.00	1.00		138.2		
10352-	Pulse Waveform (200Hz, 10%)	X	10.21	80.63	15.98	10.00	60.0	± 3.1 %	± 9.6 %
AAA		Y	5.90	74.67	14.18		60.0		
		Z	15.00	89.30	20.53		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	15.00	85.88	16.55	6.99	80.0	± 2.1 %	± 9.6 %
AAA	, , , ,	Y	15.00	84.35	15.79		80.0		
		Z	15.00	92.51	21.01		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	15.00	90.08	17.19	3.98	95.0	± 1.3 %	± 9.6 %
AAA	, , , ,	Y	15.00	83.37	13.66]	95.0		
		Z	15.00	104.27	25.33		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	15.00	97.36	19.30	2.22	120.0	± 1.2 %	± 9.6 %
AAA		Υ	0.26	60.00	4.43		120.0]	
		Z	15.00	117.38	29.81		120.0		
10387-	QPSK Waveform, 1 MHz	Х	0.51	60.28	7.04	0.00	150.0	± 3.3 %	±9.6 %
AAA		Y	0.47	60.00	5.79		150.0]	
		Z	0.61	61.09	8.42		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.29	69.54	16.64	0.00	150.0	± 1.1 %	± 9.6 %
AAA		Y	1.90	66.64	14.97		150.0		
		Z	2.23	68.54	16.09		150.0		<u> </u>
10396-	64-QAM Waveform, 100 kHz	Х	2.94	72.04	19.55	3.01	150.0	± 0.7 %	± 9.6 %
AAA		Y	2.49	68.13	17.71		150.0]	
		Z	3.35	73.33	20.07		150.0	<u> </u>	
10399-	64-QAM Waveform, 40 MHz	Х	3.54	67.80	16.20	0.00	150.0	± 2.2 %	± 9.6 %
AAA		Y	3.42	67.12	15.74		150.0]	
		Z	3.49	67.32	15.92		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	Х	4.65	65.56	15.55	0.00	150.0	± 4.0 %	± 9.6 %
AAA		Υ	4.74	65.87	15.68		150.0		
		Z	4.80	65.75	15.62		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%.

A The uncertainties of Norm X,Y,Z do not affect the E2-field uncertainty inside TSL (see Pages 5 and 6).

Representation parameter: uncertainty not required.

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

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7488

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
X	35.2	259.64	34.83	7.55	0.00	5.04	1.52	0.11	1.01
Y	34.3	261.80	36.90	6.01	0.21	5.06	0.00	0.41	1.01
Z	40.7	301.53	35.10	11.37	0.14	5.09	1.94	0.15	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-129.2
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

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7488

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	41.9	0.89	10.77	10.77	10.77	0.56	0.80	± 12.0 %
835	41.5	0.90	10.37	10.37	10.37	0.40	0.93	± 12.0 %
1750	40.1	1.37	8.87	8.87	8.87	0.33	0.84	± 12.0 %
1900	40.0	1.40	8.53	8.53	8.53	0.27	0.84	± 12.0 %
2300	39.5	1.67	8.25	8.25	8.25	0.33	0.85	± 12.0 %
2450	39.2	1.80	7.86	7.86	7.86	0.34	0.90	± 12.0 %
2600	39.0	1.96	7.69	7.69	7.69	0.35	0.86	± 12.0 %
5250	35.9	4.71	5.35	5.35	5.35	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.70	4.70	4.70	0.40	1.80	± 13.1 %
5750	35.4	5.22	5.03	5.03	5.03	0.40	1.80	± 13.1 %

Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 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 ± 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 ± 110 MHz.

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

G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is

^G Alpha/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.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7488

Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	55.5	0.96	11.28	11.28	11.28	0.46	0.80	± 12.0 %
835	55.2	0.97	11.03	11.03	11.03	0.46	0.81	± 12.0 %
1750	53.4	1.49	8.68	8,68	8.68	0.38	0.88	± 12.0 %
1900	53.3	1.52	8.37	8.37	8.37	0.38	0.88	± 12.0 %
2300	52.9	1.81	8.21	8.21	8.21	0.42	0.84	± 12.0 %
2450	52.7	1.95	8.07	8.07	8.07	0.35	0.98	± 12.0 %
2600	52.5	2.16	7.94	7.94	7.94	0.25	0.95	± 12.0 %
5250	48.9	5.36	4.82	4.82	4.82	0.50	1.90	± 13.1 %
5600	48.5	5.77	4.09	4.09	4.09	0.50	1.90	± 13.1 %
5750	48.3	5.94	4.32	4.32	4.32	0.50	1.90	± 13.1 %

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 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 ± 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 ± 110 MHz.

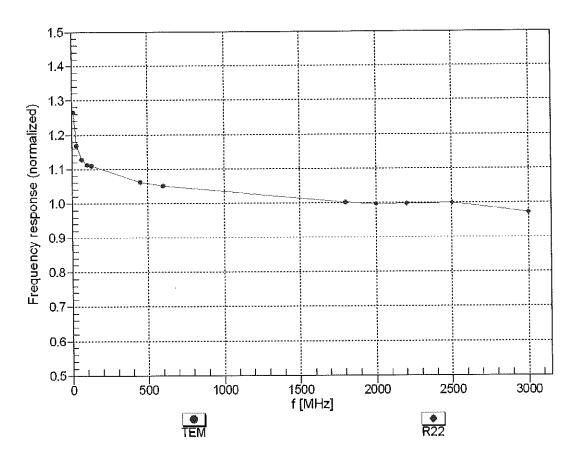
F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if fliquid compensation formula is applied to

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

G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is

⁶ Alpha/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.

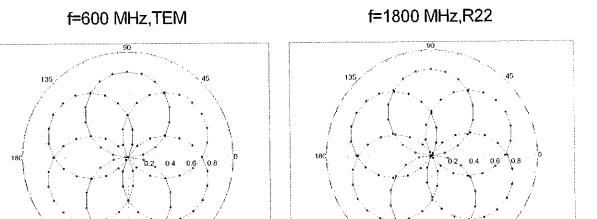
Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



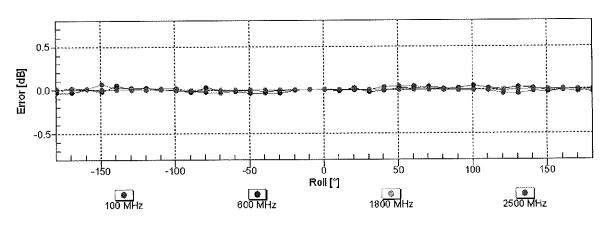
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

Tot

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

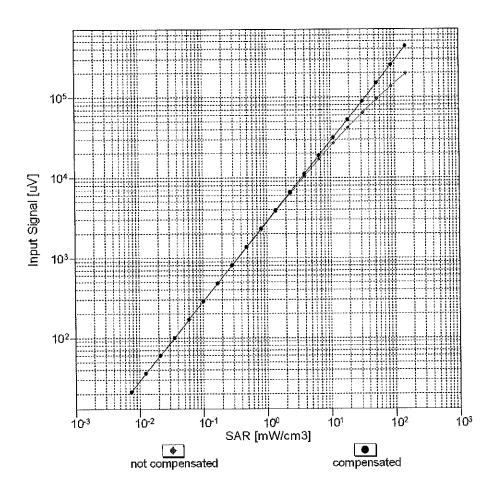


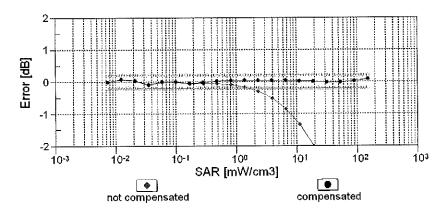
Tot



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

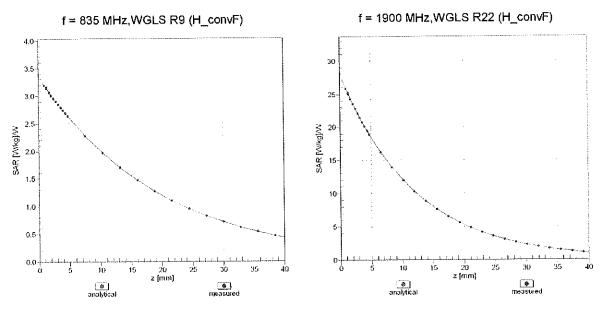
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



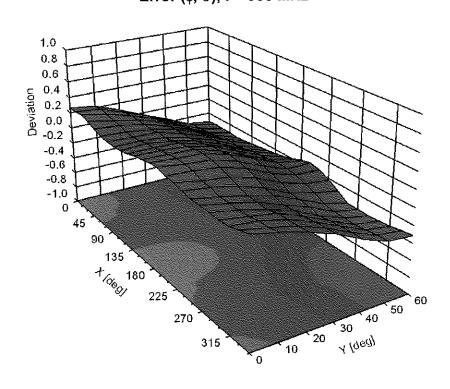


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (ϕ , ϑ), f = 900 MHz



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR	Unc
		•		(dB)	(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 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	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 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	5.80	± 9.6 %
10100	10/10	I THE LOD TO LOWER TOO NOT TO MILE, OR ON	1 - 1 - 1 - 1 - 1 - 1	1 0.00	J == 0.0 /0

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			T		
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 8.07	± 9.6 % ± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN WLAN	8.59	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10119	CAC	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.53	± 9.6 %
10141	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	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	5.75	±9.6%
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	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 LTE-FDD	6.52 6.49	± 9.6 % ± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	9.21	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10173 10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	10.25	± 9.6 %
10174		LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 04-QAM)	LTE-FDD	5.72	± 9.6 %
	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10176 10177	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 10-QAM)	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	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %

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10220 10221	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 %
10223	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	***************************************	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 %
	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	±9.6%
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)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6 %
10239	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	CAF	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 (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	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 %

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10000		LITE EDD (00 EDM) 500/ DD 01/11 24 0445		0.00	
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	WIMAX	12.57	± 9.6 %
10303	ΛΛΛ	symbols) IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10303	AAA AAA	IEEE 802.16e WIMAX (31.15, 511s, 10MHz, 64QAM, PUSC)	WIMAX	11.86	± 9.6 %
10304	AAA	IEEE 802.16e WIMAX (29.16, 5115, 10MHz, 64QAM, PUSC, 15	WIMAX	15.24	± 9.6 %
10000	7001	symbols)	VVIIVII-L/X	10.24	10.0 /6
10306	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18	WiMAX	14.67	± 9.6 %
10000	' ' ' '	symbols)		1 1.01	20.0 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18	WiMAX	14.49	± 9.6 %
10001	' ' ' ' '	symbols)	71,11.11		= 0.0 /0
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	WiMAX	14.58	± 9.6 %
		symbols)			
10310	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18	WiMAX	14.57	±9.6%
		symbols)			
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	±96%
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 CDMA2000	3.76 3.77	± 9.6 % ± 9.6 %
10404 10406	AAB AAB	CDMA2000 (1xEV-DO, Rev. A) CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6 %
10406	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
10410	AAF	Subframe=2,3,4,7,8,9, Subframe Conf=4)	LILTIDO	7.02	1 3.0 76
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,	WLAN	8.14	±9.6 %
		Long preambule)			
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle,	WLAN	8.19	±9.6 %
		Short preambule)			
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	LTE-TDD	7.82	± 9.6 %
4011-	 	Subframe=2,3,4,7,8,9)	I TE ECO	7.50	4060/
10447	AAD_	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD LTE-FDD	7.56 7.53	±9.6%
		1 1 1 H H H H H H H H H H H H H H H H H	3 1 LE-PIJI)	1 7.53	± 9.6 %
10448	AAD				
10448 10449 10450	AAC AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51 7.48	± 9.6 % ± 9.6 %

19456 AAB EEE 927-11sc WFF (190MHz, 64-QAM, 9950 didy cycle) WIAN 97.8 9.8 % 19458 AAA COMA2000 (1540-P.O. Rev. B, 2 carriers) COMA2000 6.55 9.9 6 % 19458 AAA COMA2000 (1540-P.O. Rev. B, 2 carriers) COMA2000 6.55 9.9 6 % 19458 AAA COMA2000 (1540-P.O. Rev. B, 2 carriers) COMA2000 6.55 9.9 6 % 19459 AAA COMA2000 (1540-P.O. Rev. B, 3 carriers) COMA2000 6.55 9.9 6 % 19459 AAA COMA2000 (1540-P.O. Rev. B, 3 carriers) COMA2000 6.55 9.9 6 % 19469 AAA LTE-TDD (1540-P.M. 1 RB, 1.4 MHz, QPSK, UL LTE-TDD 7.82 9.9 6 % 19469 AAA LTE-TDD (1540-P.M. 1 RB, 1.4 MHz, QPSK, UL LTE-TDD 8.30 9.9 6 % 19469 AAA LTE-TDD (1540-P.M. 1 RB, 1.4 MHz, QPSK, UL LTE-TDD 8.30 9.9 6 % 19469 AAA LTE-TDD (1540-P.M. 1 RB, 1.4 MHz, QPSK, UL LTE-TDD 8.55 9.6 % 19469 AAA LTE-TDD (1540-P.M. 1 RB, 3 MHz, QPSK, UL LTE-TDD 8.55 9.6 % 19469 AAA LTE-TDD (1540-P.M. 1 RB, 3 MHz, QPSK, UL LTE-TDD 8.57 9.6 % 19469 AAB LTE-TDD (1540-P.M. 1 RB, 3 MHz, 16-QAM, UL LTE-TDD 8.57 9.6 % 19469 AAB LTE-TDD (1540-P.M. 1 RB, 3 MHz, 16-QAM, UL LTE-TDD 8.57 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 5 MHz, QPSK, UL LTE-TDD 8.57 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 5 MHz, 16-QAM, UL LTE-TDD 8.56 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 5 MHz, 16-QAM, UL LTE-TDD 8.56 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 5 MHz, 16-QAM, UL LTE-TDD 8.56 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 1 MHz, 16-QAM, UL LTE-TDD 8.56 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 1 MHz, 16-QAM, UL LTE-TDD 8.57 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 1 MHz, 16-QAM, UL LTE-TDD 8.57 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 1 MHz, 16-QAM, UL LTE-TDD 8.57 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 1 MHz, 16-QAM, UL LTE-TDD 8.57 9.6 % 19469 AAE LTE-TDD (1540-P.M. 1 RB, 1 MHz, 1 GAAM, UL LTE-TDD 8.57 9.6 % 19469 AAE LTE-TDD (10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6%
10457			IEEE 802 11ac WiEi (160MHz 64-OAM 99nc duty cycle)	******		
19458 AAA CDMA2000 (18EV-DQ, Rov. B., 2 carriers) CDMA2000 8.25 ±9.6 % CDMA2000 R.25						
19459 AAA CDMA2000 (1xEV-DO, Rev. B.) 3 carriers CDMA2000 8.25 9.9 6 % 19461 AAA LTE-TDD (SCF-DMA) 1RB, 1.4 MHz, OPSK, UL LTE-TDD 7.82 9.9 6 % LTE-TDD 1.4 MHz, OPSK, UL LTE-TDD 1.4 M						
10400 AAA UMTS-FDD (WCDMA, AMR)						
10461						
10462						
10462		1,000		LIE-IBB	1.02	3.0 %
Subframe=2,3,4,7,8,9	10462	AAA		LTE-TDD	8.30	+96%
10463			Subframe=2,3,4,7,8,9)			- • • •
Subframe-2,34,7,8,9	10463	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL	LTE-TDD	8.56	± 9.6 %
10464						
Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 3 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 3 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 5 MHz, 64-QAM, UL LTE-TDD 7.82 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 5 MHz, 64-QAM, UL LTE-TDD 8.32 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 5 MHz, 64-QAM, UL LTE-TDD 8.56 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 10 MHz, 16-QAM, UL LTE-TDD 8.56 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 10 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 10 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 10 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 15 MHz, QPSK, UL LTE-TDD 8.57 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 15 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 15 MHz, 16-QAM, UL LTE-TDD 8.57 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 15 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 15 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1RB, 15 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD 8.57 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD 8.45 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD 8.45 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD 8.45 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL LTE-TDD 8.47 ± 9,6 % Subframe-2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 6	10464	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
Subframe=2,3,4,7,8,9 Subf			Subframe=2,3,4,7,8,9)			
10466	10465	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL	LTE-TDD	8.32	±9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD 7.82 ± 9.6 %			Subframe=2,3,4,7,8,9)			
10467	10466	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL	LTE-TDD	8.57	±9.6%
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL LTE-TDD S.56						
10468	10467	AAE		LTE-TDD	7.82	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL LTE-TDD S.56 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 1 RB, 10 MHz, QPSK, UL LTE-TDD S.52 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL LTE-TDD S.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL LTE-TDD S.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD T.82 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD S.57 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD S.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL LTE-TDD S.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD S.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD S.58 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD S.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL LTE-TDD SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL LTE-TDD SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL LTE-TDD S.59 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,			Subframe=2,3,4,7,8,9)		***************************************	
10469	10468	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
Subframe=2,3,4,7,8,9 T.8-TDD S.C-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9 Subfram	40400					
10470	10469	AAL		LIE-IDD	8.56	± 9.6 %
Subframe=2,3,4,7,8,9 Subf	40470	A A F		LTE TOO	7.00	
10471	10470	AAE		LIE-IDD	7.82	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD R.18 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD R.18 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD R.18 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL LTE-TDD R.57 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL LTE-TDD R.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL LTE-TDD R.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL LTE-TDD R.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL LTE-TDD R.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL LTE-TDD R.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL LTE-TDD R.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL LTE-TDD R.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL LTE-TDD R.59 ± 9.6 % Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL LTE-TDD R.50 ± 9.6 % Subframe=2	10474		LTE TOD (SC EDMA 4 DB 40 MHz 46 OAM HI	LTC TOD	0.22	1069/
10472 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe=2,3,4,7,8,9 Sub	10471	AAE	Subframe = 2.3.4.7.8.0\	LIETIDD	0.32	19.0 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL SUBf	10472	AAE		LTE TOD	9.57	106%
10473 AAE	10772	\		LICATOD	0.07	1 9.0 %
Subframe=2,3,4,7,8,9	10473	AAF		LTE-TDD	7 82	+96%
10474	,,,,,	' " '			1.02	0.0 /0
Subframe=2,3,4,7,8,9)	10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL	LTF-TDD	8.32	+ 9.6 %
10475			Subframe=2,3,4,7,8,9)			
Subframe=2,3,4,7,8,9	10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL	LTE-TDD	8,57	± 9.6 %
Subframe=2,3,4,7,8,9)			Subframe=2,3,4,7,8,9)			
10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ± 9.6 % 10479 AAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ± 9.6 % 10480 AAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.18 ± 9.6 % 10481 AAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ± 9.6 % 10482 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.71 ± 9.6 % 10483 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAB LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10485 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10486 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 ± 9.6 % 10487 AAE LTE-TDD (SC-FDMA	10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL	LTE-TDD	8.32	±9.6 %
Subframe=2,3,4,7,8,9)						
10479 AAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.18 ± 9.6 % 10480 AAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ± 9.6 % 10481 AAA LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.71 ± 9.6 % 10482 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10483 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10484 AAB LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10485 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 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-QA	10478	AAF		LTE-TDD	8.57	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL SUBframe=2,3,4,7,8,9)			Subframe=2,3,4,7,8,9)			
10480 AAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.18 ± 9.6 % 10481 AAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ± 9.6 % 10482 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.71 ± 9.6 % 10483 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 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 % 10486 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 % 10487 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, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAE LTE-TDD (SC-FDM	10479	AAA		LTE-TDD	7.74	±9.6%
Subframe=2,3,4,7,8,9	10100	 				0.004
10481 AAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ± 9.6 % 10482 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.71 ± 9.6 % 10483 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10486 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.60 ± 9.6 % 10487 AAE LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10488 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, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54	10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL	LTE-TDD	8.18	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL STE-TDD (SC-FDMA, 50% RB, 15 MHz, QP	40404	 		LTC TOD	0.45	1000
10482 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.71 ± 9.6 % 10483 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 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, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10488 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 LTE-TDD 7.74 ± 9.6 %	10481	AAA	LIE-TUD (SC-FUMA, 50% KB, 1.4 MHZ, 64-QAM, UL	LIE-IUU	8.45	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL SUBframe=2,3,	10/02	1 A A D	TE TOD (CC EDMA 50% DD 2 MU- ODCK III	I TE TOD	7 71	+06%
10483 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 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 7.70 ± 9.6 % 10488 AAE LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10489 AAE LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 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 LTE-TDD 7.74 ± 9.6 %	10402			LIC-100	7.71	1 9.0 /6
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD S.47	10483	AAR	LTE-TDD (SC-EDMA, 50% RB 3 MHz 16-OAM U	I TE-TOD	8.39	+96%
10484 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 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 7.70 ± 9.6 % 10488 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 LTE-TDD 7.74 ± 9.6 %	10700	70.10	Subframe=2.3.4.7.8.9)		0.00	2 0.0 /0
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD T.59	10484	AAB		I TF-TDD	8 47	+9.6 %
10485 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 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 LTE-TDD 7.74 ± 9.6 %	,	1			0	
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.38	10485	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL	LTE-TDD	7.59	± 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 LTE-TDD 7.74 ± 9.6 %			Subframe=2,3,4,7,8,9)			
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 LTE-TDD 7.74 ± 9.6 %	10486	AAE		LTE-TDD	8.38	± 9.6 %
Subframe=2,3,4,7,8,9)			Subframe=2,3,4,7,8,9)			
Subframe=2,3,4,7,8,9)	10487	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL	LTE-TDD	8.60	± 9.6 %
Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL LTE-TDD 7.74 ± 9.6 %		<u> </u>	Subframe=2.3.4.7.8.9)			
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 LTE-TDD 7.74 ± 9.6 %	10488	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL	LTE-TDD	7.70	± 9.6 %
Subframe=2,3,4,7,8,9)	45.45	 	Subtrame=2,3,4,7,8,9)			:
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 LTE-TDD) 7.74 ± 9.6 %	10489	AAE		LTE-TDD	8.31	± 9.6 %
Subframe=2,3,4,7,8,9)	40400	A A =		LITETON	~	1000
10491 AAE LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL LTE-TDD 7.74 ± 9.6 %	10490	AAE		LIE-IDD	გ.54 გ.54	± 9.6 %
Subframe=2,3,4,7,8,9)	10404	AAE	JUDITATION (SO EDMA 50% DR 15 MU- ODSK III	I TE TOO	771	+06%
Gubitatio=2,0,T,r,0,0)	10491	\ \^\=	Subframe=2 3 4 7 8 9)	ric-100	1.74	1 3.0 %
	L	.1	Odbitatio=2,0,7(1,0,0)	l	·	1

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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	LTE-TDD	8.55	±9.6%
10494	AAF	Subframe=2,3,4,7,8,9) 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, 48 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 %
10534	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN	8.45	± 9.6 %

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10536	± 9.6 % ± 9.6 %
10537 AAB IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle) WLAN 8.44 10538 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle) WLAN 8.59 10541 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle) WLAN 8.49 10541 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle) WLAN 8.46 10543 AAB IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle) WLAN 8.65 10543 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle) WLAN 8.65 10544 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) WLAN 8.65 10544 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) WLAN 8.65 10546 AAB IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle) WLAN 8.56 10546 AAB IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle) WLAN 8.35 10547 AAB IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle) WLAN 8.49 10548 AAB IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle) WLAN 8.49 10549 AAB IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle) WLAN 8.49 10550 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) WLAN 8.37 10550 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) WLAN 8.38 10551 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) WLAN 8.42 10553 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) WLAN 8.42 10555 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) WLAN 8.45 10556 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.47 10556 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.47 10556 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.48 10555 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.47 10566 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.48 10556 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.50 10567 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.50 10568 AAC IEEE 802.11ac WiFi (160	± 9.6 % ± 9.6 %
10538	±9.6 % ±9.6 %
10540	±9.6 % ±9.6 %
10541	±9.6 % ±9.6 %
10542	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10543	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10544	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10545	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10546	±9.6 % ±9.6 %
10547	±9.6 % ±9.6 %
10548	±9.6 % ±9.6 %
10550	±9.6 % ±9.6 %
10551	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10552 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) WLAN 8.42 10553 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) WLAN 8.45 10554 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle) WLAN 8.48 10555 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle) WLAN 8.47 10556 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) WLAN 8.50 10557 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) WLAN 8.52 10558 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) WLAN 8.61 10560 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.73 10561 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.56 10562 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11g WiFi (2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty WLAN 8.77 10564 AAA IEEE 802.11g WiFi (2.4 GHz (DSSS-OFDM, 18 Mbps, 99	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10553	± 9.6 % ± 9.6 %
10554 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle) WLAN 8.48 10555 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle) WLAN 8.47 10556 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) WLAN 8.50 10557 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) WLAN 8.52 10558 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) WLAN 8.61 10560 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) WLAN 8.73 10561 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) WLAN 8.56 10562 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.77 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty WLAN 8.13 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mb	± 9.6 % ± 9.6 %
10555 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle) WLAN 8.47 10556 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) WLAN 8.50 10557 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) WLAN 8.52 10558 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle) WLAN 8.61 10560 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) WLAN 8.73 10561 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) WLAN 8.56 10562 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.77 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.30 10567 AAA IEE	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10556 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) WLAN 8.50 10557 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) WLAN 8.52 10558 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle) WLAN 8.61 10560 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) WLAN 8.73 10561 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) WLAN 8.56 10562 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.69 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.13 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IEE	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10557 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) WLAN 8.52 10558 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle) WLAN 8.61 10560 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) WLAN 8.73 10561 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) WLAN 8.56 10562 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.77 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.00 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10570 AAA	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10558 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle) WLAN 8.61 10560 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) WLAN 8.73 10561 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) WLAN 8.56 10562 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.77 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.00 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.37 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.30 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 <t< td=""><td>± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %</td></t<>	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10560 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) WLAN 8.73 10561 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) WLAN 8.56 10562 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.77 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.13 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.10 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572	± 9.6 % ± 9.6 % ± 9.6 %
10561 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) WLAN 8.56 10562 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.77 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.13 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.37 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	± 9.6 % ± 9.6 %
10562 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) WLAN 8.69 10563 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.77 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.13 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.30 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.10 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	± 9.6 %
10563 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) WLAN 8.77 10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.13 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.00 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	
10564 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.25 10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.13 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.00 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.10 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	1069/
Cycle 10565	± 9.6 % ± 9.6 %
10565 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.45 10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.13 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.00 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.10 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	I 9.0 %
Cycle 10566	± 9.6 %
10566 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.13 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.00 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.10 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	1 3.0 76
Cycle 10567 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty WLAN 8.00 cycle 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty WLAN 8.37 cycle 10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty WLAN 8.10 cycle 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty WLAN 8.30 cycle 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle WLAN 1.99 1.99 1.99 1.99 1.99 1.99 1.99 1.99 1.99 1.90 1	± 9.6 %
10567 AAA IÉEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.00 10568 AAA IÉEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IÉEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.10 10570 AAA IÉEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IÉEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IÉEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	1 3.0 70
Cycle 10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37	± 9.6 %
10568 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.10 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	20.0 70
Cycle Cycle	± 9.6 %
10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.10 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	0.0 .0
Cycle Cycle	± 9.6 %
10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.30 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	
cycle 10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	± 9.6 %
10571 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	
10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) WLAN 1.99	± 9.6 %
	± 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 WLAN 8.59	± 9.6 %
cycle)	
10576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty WLAN 8.60	±9.6 %
cycle)	
10577 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty WLAN 8.70	± 9.6 %
cycle)	
10578 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty WLAN 8.49	±9.6%
cycle)	
10579 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty WLAN 8.36	± 9.6 %
cycle)	
10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty WLAN 8.76	± 9.6 %
cycle)	_ 0.0 ,0
10581 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty WLAN 8.35	
cycle)	± 9.6 %
10582 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty WLAN 8.67	± 9.6 %
cycle)	
10583 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) WLAN 8.59	± 9.6 %
10584 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) WLAN 8.60	± 9.6 % ± 9.6 %
10585 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) WLAN 8.70	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10586 AAB IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) WLAN 8.49	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10587 AAB IEEE 802.11a/h WiFl 5 GHz (OFDM, 24 Mbps, 90pc duty cycle) WLAN 8.36	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %

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10588	AAD	IEEE 902 110/h WiEi 5 CHz (OEDM 26 Mbps, 00ps duty systs)	I MATE AND	0.76	1 + 0 6 9/ 1
10589	AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN WLAN	8.76	±9.6%
10509	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.35	±96%
10590	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.67	±9.6%
10591	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.63 8.79	± 9.6 %
10592	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	WLAN	8,64	± 9.6 % ± 9.6 %
10593	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6%
10595	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN		
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	WLAN	8.74 8.71	±9.6 % ±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%
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	± 9.6 %
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 10622	AAB AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN WLAN	8.68	±9.6%
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.82 8.96	±9.6%
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.96	± 9.6 % ± 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 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.81	± 9.6 %
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	±96%
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 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652 10653	AAD AAD	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6%
10654	AAD	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD LTE-TDD	7.42 6.96	± 9.6 % ± 9.6 %
10004	ראט	LIL IDD (OF DIVING TO WITE, E-1W 3.1, OIIPPING 44 /0)	I E I E I I I D	0.80	T 9.0 %

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 %

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

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Client

PC Test

Accreditation No.: SCS 0108

Certificate No: EX3-7417_Feb19

C

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7417

Calibration procedure(s)

QA CAL-D1 (9) QA CAL-25 VS, QA CAL-25 V7 Calibration procedure for dosimetric E-field probes

12-96-20

Calibration date:

February 19, 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	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: S5277 (20x)	04-Apr-18 (No. 217-02682)	Apr-19
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

Name Function Signature
Calibrated by: Claudio Leubler Laboratory Technician

Approved by: Katja Pokovic Technical Manager

Issued: February 20, 2019

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



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Accreditation No.: SCS 0108

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Glossary:

TSL NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF DCP sensitivity in TSL / NORMx,y,z diode compression point

CF A, B, C, D crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

Polarization φ

φ 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).

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:7417

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (μV/(V/m) ²) ^A	0.54	0.43	0.53	± 10.1 %
DCP (mV) ⁸	98.7	97.4	100.4	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1,00	0.00	144.6	± 3.3 %	± 4.7 %
		Y	0.00	0.00	1.00		149.7		
		Z	0.00	0.00	1.00		143.1		
10352-	Pulse Waveform (200Hz, 10%)	X	15.00	88.38	19.65	10.00	60.0	± 3.3 %	± 9.6 %
AAA		Y	4.33	71.38	13.30		60.0		
		Z	7.40	77.44	14.95		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	15.00	92.19	20.43	6.99	80.0	± 2.2 %	± 9.6 %
AAA		Y	5.53	76.01	13.64		80.0		ļ
		Z	15.00	85.74	16.43		80.0		
10354-	Pulse Waveform (200Hz, 40%)	Х	15.00	107.68	26.54	3.98	95.0	± 1.3 %	± 9.6 %
AAA		Y	9.05	79.53	12.66		95.0		
	***	Z	15.00	90.71	17.41		95.0		
10355-	Pulse Waveform (200Hz, 60%)	Х	15.00	127.17	33.83	2.22	120.0	± 1.2 %	± 9.6 %
AAA		Y	0.26	60.00	4.45		120.0		
		Z	15.00	99.84	20.30		120.0		
10387-	QPSK Waveform, 1 MHz	X	0.56	60.62	7.74	0.00	150.0	± 3.6 %	± 9.6 %
AAA		Y	0.42	60.00	4.69		150.0		
		Z	0.44	60.00	5.48		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.27	69.09	16.46	0.00	150.0	± 1.3 %	± 9.6 %
AAA		Y	1.94	67.43	15.43		150.0	1	
		Z	2.06	68.27	16.05		150.0]	
10396-	64-QAM Waveform, 100 kHz	X	3.15	72.71	19.95	3.01	150.0	± 2.5 %	± 9.6 %
AAA		Y	2.04	67.08	18.19]	150.0		
		Z	2.07	66.03	16.88		150.0		
10399-	64-QAM Waveform, 40 MHz	Х	3.52	67.53	16.10	0.00	150.0	± 2.4 %	± 9.6 %
AAA		Y	3.32	66.83	15.68	1	150.0		
		Z	3.38	67.15	15.89]	150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.80	65.90	15.74	0.00	150.0	± 4.4 %	± 9.6 %
AAA		Y	4.58	65.58	15.59	1	150.0	1	
	1	Z	4.60	65.76	15.65	1	150.0	1	

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%.

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A The uncertainties of Norm X,Y,Z do not affect the E2-field uncertainty inside TSL (see Pages 5 and 6).

B Numerical linearization parameter: uncertainty not required.

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

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:7417

Sensor Model Parameters

	C1 fF	C2 fF	α V⁻¹	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V ⁻²	T5 V⁻¹	Т6
X	37.6	279.10	35.33	9.45	0.00	5.09	1.69	0.14	1.01
Υ	29.6	227.60	37.50	5.19	0.43	5.04	0.00	0.16	1.01
Z	28.8	214.34	35.37	6.91	0.00	5.04	0.00	0.24	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	120.5
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

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:7417

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	41.9	0.89	10.36	10.36	10.36	0.54	0.99	± 12.0 %
835	41.5	0.90	10.07	10.07	10.07	0.48	0.84	± 12.0 %
1750	40.1	1.37	8.39	8.39	8.39	0.38	0.85	± 12.0 %
1900	40.0	1.40	8.11	8.11	8.11	0.39	0.84	± 12.0 %
2300	39.5	1.67	7.73	7.73	7.73	0.30	0.93	± 12.0 %
2450	39.2	1.80	7.46	7.46	7.46	0.39	0.95	± 12.0 %
2600	39.0	1.96	7.17	7.17	7.17	0.31	1.05	± 12.0 %

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 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 ± 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 ± 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be released to ± 10% if liquid compensation formula is applied to

measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of

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.



February 19, 2019

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7417

Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	55.5	0.96	10.35	10.35	10.35	0.63	0.84	± 12.0 %
835	55.2	0.97	10.11	10.11	10.11	0.43	0.84	± 12.0 %
1750	53.4	1.49	8,21	8.21	8.21	0.43	0.88	± 12.0 %
1900	53.3	1.52	7.86	7.86	7.86	0.43	0.87	± 12.0 %
2300	52.9	1.81	7.64	7.64	7.64	0.41	0.93	± 12.0 %
2450	52.7	1.95	7.51	7.51	7.51	0.40	0.95	± 12.0 %
2600	52.5	2.16	7.37	7.37	7.37	0.33	1.05	± 12.0 %

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 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 ± 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 ± 110 MHz.

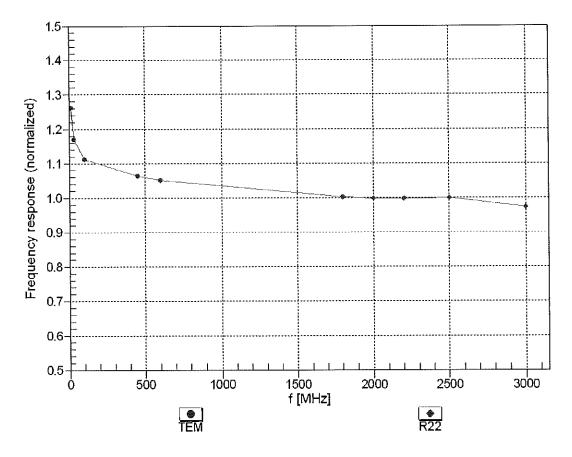
F At frequencies below 3 GHz the validity of these pages of the convF assessed at 1 and 1

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

^G Alpha/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.

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



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



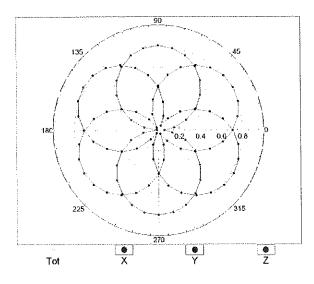
February 19, 2019

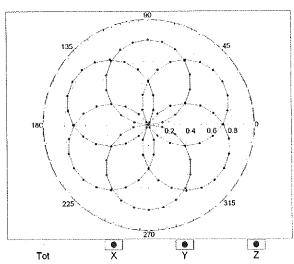
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

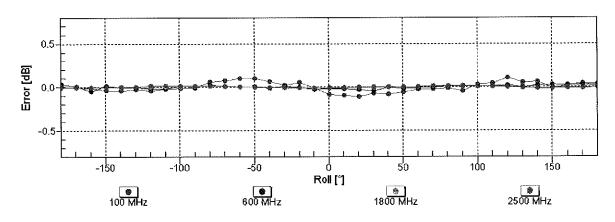


1Hz.TEM

f=1800 MHz,R22



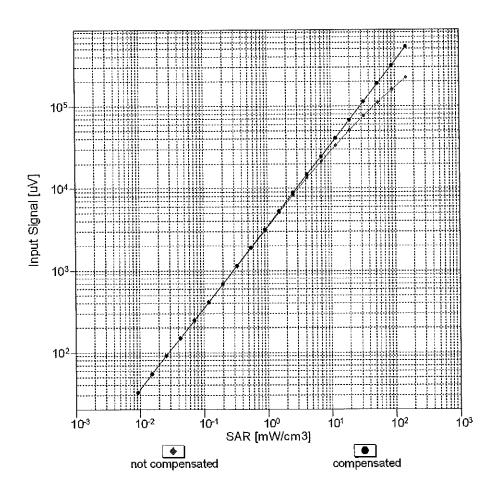


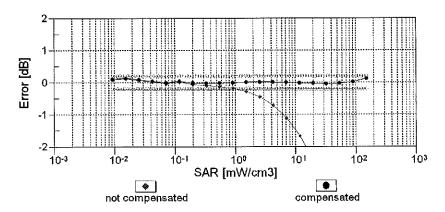


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)



Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



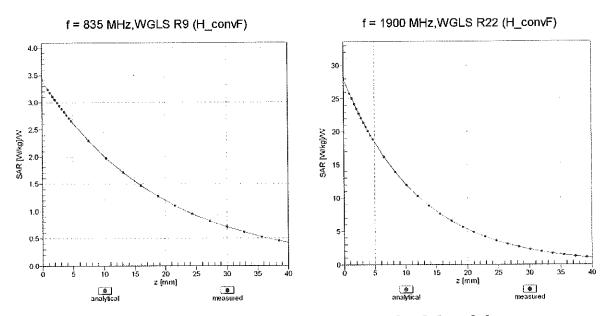


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

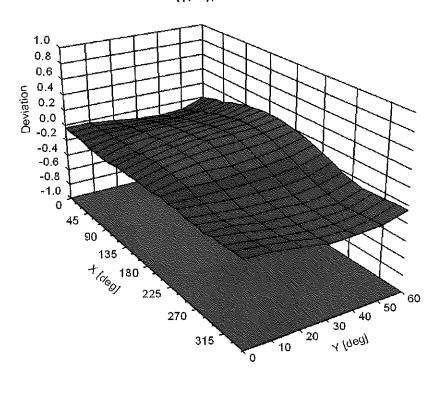


February 19, 2019

Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (ϕ , ϑ), f = 900 MHz



EX3DV4- SN:7417

Appendix: Modulation Calibration Parameters

OCO	UID	Rev	Communication System Name	Group	PAR	Unc
10011 CAA SAR Validation (Square, 100ms, 10ms)	^		Olar		- 	(k=2)
10012 CAB LITES-PED (MCDMA)		000				± 4.7 %
10013						± 9.6 %
10021 DAC GSMF-DD (TDMA, GMSK) GSM 9.39 2.9.6 10022 DAC GSMF-DD (TDMA, GMSK) GSM 9.57 2.9.6 10024 DAC GPRS-FDD (TDMA, GMSK, TN 0) GSM 9.57 2.9.6 10025 DAC GPRS-FDD (TDMA, GMSK, TN 0) GSM 9.56 2.9.6 10026 DAC GPRS-FDD (TDMA, GMSK, TN 0-1) GSM 9.56 2.9.6 10027 DAC GPRS-FDD (TDMA, GMSK, TN 0-1) GSM 9.56 2.9.6 10028 DAC EDGE-FDD (TDMA, BPSK, TN 0-1) GSM 9.55 2.9.6 10029 DAC GPRS-FDD (TDMA, BPSK, TN 0-1) GSM 9.55 2.9.6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3.55 1.9.6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3.55 1.9.6 10029 DAC EDGE-FDD (TDMA, GMSK, TN 0-1-2) GSM 3.55 1.9.6 10030 CAA IEEE 802.15.1 Blueboth (GFSK, DH1) Blueboth 5.30 2.9.6 10031 CAA IEEE 802.15.1 Blueboth (GFSK, DH3) Blueboth 5.30 2.9.6 10032 CAA IEEE 802.15.1 Blueboth (GFSK, DH3) Blueboth 1.16 2.9.6 10033 CAA IEEE 802.15.1 Blueboth (GFSK, DH5) Blueboth 1.16 2.9.6 10033 CAA IEEE 802.15.1 Blueboth (GFSK, DH5) Blueboth 4.53 2.9.6 10034 CAA IEEE 802.15.1 Blueboth (GFSK, DH5) Blueboth 4.53 2.9.6 10035 CAA IEEE 802.15.1 Blueboth (GFSK, DH5) Blueboth 4.53 2.9.6 10036 CAA IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10036 CAA IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10037 CAA IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10038 CAA IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10039 CAB IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10039 CAB IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10040 CAA IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10040 CAA IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10040 CAA IEEE 802.15.1 Blueboth (GPSK, DH5) Blueboth 4.01 2.9.6 10040 CAB IEEE 802.11 BLUEBOTH						± 9.6 %
10023 DAC GPRS-FDD (TDMA, GMSK, TN 0) GSM 9,39 2,96 10024 DAC GPRS-FDD (TDMA, GMSK, TN 0-1) GSM 6,56 1,96 10025 DAC EDGE-FDD (TDMA, GMSK, TN 0-1) GSM 1,26 2,96 10026 DAC EDGE-FDD (TDMA, BPSK, TN 0-1) GSM 1,26 2,96 10027 DAC EDGE-FDD (TDMA, BPSK, TN 0-1) GSM 4,80 2,96 10028 DAC EDGE-FDD (TDMA, BPSK, TN 0-1) GSM 4,80 2,96 10028 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 4,80 2,96 10028 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 4,80 2,96 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 7,78 2,96 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 7,78 2,96 10030 CAA IEEE 802.15.1 Bluetooth (GFSK, DH3) Bluetooth 1,87 2,96 10031 CAA IEEE 802.15.1 Bluetooth (GFSK, DH3) Bluetooth 1,87 2,96 10032 CAA IEEE 802.15.1 Bluetooth (GFSK, DH5) Bluetooth 1,87 2,96 10033 CAA IEEE 802.15.1 Bluetooth (GFSK, DH5) Bluetooth 1,68 2,96 10033 CAA IEEE 802.15.1 Bluetooth (GFSK, DH5) Bluetooth 4,53 2,6 10034 CAA IEEE 802.15.1 Bluetooth (GFSK, DH5) Bluetooth 4,53 2,6 10035 CAA IEEE 802.15.1 Bluetooth (GFDSK, DH5) Bluetooth 4,53 2,6 10036 CAA IEEE 802.15.1 Bluetooth (GPDSK, DH5) Bluetooth 4,53 2,6 10037 CAA IEEE 802.15.1 Bluetooth (GPDSK, DH5) Bluetooth 4,77 2,9 10038 CAA IEEE 802.15.1 Bluetooth (GPDSK, DH5) Bluetooth 4,77 2,9 10039 CAB IEEE 802.15.1 Bluetooth (GPDSK, DH5) Bluetooth 4,77 2,9 10030 CAA IEEE 802.15.1 Bluetooth (GPDSK, DH5) Bluetooth 4,77 2,9 10030 CAA IEEE 802.15.1 Bluetooth (GPDSK, DH5) Bluetooth 4,77 2,9 10036 CAC IEEE 802.15.1 Bluetooth (GPDSK, DH5) Bluetooth 4,77 2,9 10037 CAA IEEE 802.15.1 Bluetooth (GPDSK, DH5) Bluetooth 4,77 2,9 10038 CAC IEEE 802.11 Bluetooth (GPDSK, DH5) Bluetooth 4,77 2,9 10039 CAB CDGSC COMBAR CDGSC COMBAR CDGSC COMBAR CDGSC COMBAR CDGSC CO						±9.6%
10024 DAC GPRS-FDD (TDMA, GMSK, TN 0-1) GSM 6,56 2,66 10024 DAC GPRS-FDD (TDMA, GMSK, TN 0-1) GSM 6,56 2,66 10025 DAC GPRS-FDD (TDMA, BPSK, TN 0-1) GSM 12,62 19,6 10026 DAC EDGE-FDD (TDMA, BPSK, TN 0-1) GSM 12,62 19,6 10027 DAC GPRS-FDD (TDMA, BPSK, TN 0-1-2) GSM 4,80 29,6 10027 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10028 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3,55 19,6 10021 CAA IEEE 802.15 1 Blueboth (GFSK, DH1) Blueboth 1,37 19,6 10031 CAA IEEE 802.15 1 Blueboth (GFSK, DH3) Blueboth 1,16 19,6 10033 CAA IEEE 802.15 1 Blueboth (GFSK, DH5) Blueboth 1,16 19,6 10033 CAA IEEE 802.15 1 Blueboth (PI/4-DDPSK, DH1) Blueboth 4,53 19,6 10036 CAA IEEE 802.15 1 Blueboth (PI/4-DDPSK, DH1) Blueboth 4,53 19,6 10036 CAA IEEE 802.15 1 Blueboth (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10037 CAA IEEE 802.15 1 Blueboth (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10037 CAA IEEE 802.15 1 Blueboth (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10037 CAA IEEE 802.15 1 Blueboth (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10038 CAA IEEE 802.15 1 Blueboth (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10039 CAB IEEE 802.15 1 Blueboth (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10039 CAB GDRS-PDM (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10039 CAB CDMS-PDM (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10039 CAB CDMS-PDM (PI-4-DDPSK, DH3) Blueboth 4,01 19,6 10039 CA			GSM FDD (TDMA CMSK)			
10024 DAC GPRS-FDD (TDMA, GMSK, TN 0-1) GSM 6.58 4.9.6 10025 DAC EDGE-FDD (TDMA, GPSK, TN 0-1) GSM 9.65 4.9.6 10026 DAC EDGE-FDD (TDMA, GPSK, TN 0-1) GSM 9.65 4.9.6 10027 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 4.60 4.9.6			GDDS EDD (TDMA, CMCK, TALO)			
10026 DAC EDGE-FDD (TDMA, BPSK, TN 0) GSM 12.62 19.8 10027 DAC GPRS-FDD (TDMA, GMSK, TN 0-1) GSM 4.60 19.6 10028 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 4.60 19.6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 3.55 19.6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 7.78 19.6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 7.78 19.6 10030 GAA EEGE-FDD (TDMA, GMSK, TN 0-1-2) GSM 7.78 19.6 10030 GAA EEGE-FDD (TDMA, GMSK, TN 0-1-2) GSM 7.78 19.6 10031 CAA EEGE-FDD (TDMA, GMSK, TN 0-1-2) GSM 7.78 19.6 10032 GAA EEGE-FDD (TDMA, GMSK, TN 0-1-2) Bluefooth 1.87 19.6 10033 CAA EEGE-FDD (TS 1, Bluefooth (GFSK, DH3) Bluefooth 1.87 19.6 10033 CAA EEGE-FDD (TS 1, Bluefooth (FPK-DQPSK, DH3) Bluefooth 1.74 19.6 10034 CAA EEGE-FDD (TS 1, Bluefooth (PPK-DQPSK, DH3) Bluefooth 4.53 19.6 10035 CAA EEGE-FDD (TS 1, Bluefooth (PPK-DQPSK, DH3) Bluefooth 4.53 19.6 10036 CAA EEGE-FDD (TDMA (PPK-DQPSK, DH3) Bluefooth 4.50 19.6 10037 CAA EEGE-FDD (TDMA (PPK-DQPSK, DH3) Bluefooth 4.77 4.96 10038 CAA EEGE-FDD (TDMA (PPK-DQPSK, DH5) Bluefooth 4.77 4.96 10039 CAB COMA2000 (TRTTT, RCT) CDMA2000 4.57 4.96 10040 CAB ESGE-FDD (TDMA/PDM, GPSK, DH5) Bluefooth 4.77 4.96 10040 CAA EECF-FDD (TDMA/PDM, GPSK, DH5) Bluefooth 4.70 4.96 10040 CAA EECF-FDD (TDMA/PDM, GPSK, Duble Stot, 12) DECT 10.79 9.6 10040 CAA DECT (TDD, TDMA/PDM, GPSK, Duble Stot, 12) DECT 10.79 9.6 10040 CAA DECT (TDD, TDMA/PDM, GPSK, Duble Stot, 12) DECT 10.79 9.6 10040 CAA EEGE-FDD (TDMA, BPSK, TN 0-1-2.3) GSM 6.52 9.6 10040 CAA EEGE-FDD (TDMA, BPSK, TN 0-1-2.3) GSM 6.52 9.6 10040 CAA EEGE-FDD (TDMA, BPSK, TN 0-12.3) GSM 6.52 9.6 10040 CAC EEGE-FDD (TDMA, BPSK, TN 0-12.3) GSM 6.52 9.6 10040 CAC EEGE-FDD (TDMA,						
1002F DAC EDGE-FDD (TDMA, BPSK, TN 0-1) GSM 9.55 4.9.6 10027 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 4.80 4.9.6 10028 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) GSM 3.55 4.9.6 10029 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) GSM 7.78 4.9.6 10030 CAA IEEE 802.15 18 luetooth (GFSK, DH1) Bluetooth 5.30 4.9.6 10031 CAA IEEE 802.15 18 luetooth (GFSK, DH3) Bluetooth 1.87 4.9.6 10031 CAA IEEE 802.15 18 luetooth (GFSK, DH3) Bluetooth 1.87 4.9.6 10032 CAA IEEE 802.15 18 luetooth (GFSK, DH3) Bluetooth 1.87 4.9.6 10033 CAA IEEE 802.15 18 luetooth (FPK-DQPSK, DH1) Bluetooth 7.74 4.9.6 10033 CAA IEEE 802.15 18 luetooth (PPK-DQPSK, DH3) Bluetooth 4.53 4.9.6 10035 CAA IEEE 802.15 18 luetooth (PPK-DQPSK, DH3) Bluetooth 4.53 4.9.6 10036 CAA IEEE 802.15 18 luetooth (PPK-DQPSK, DH3) Bluetooth 4.53 4.9.6 10036 CAA IEEE 802.15 18 luetooth (PPK-DQPSK, DH3) Bluetooth 4.53 4.9.6 10036 CAA IEEE 802.15 18 luetooth 6.9PSK, DH3) Bluetooth 4.77 4.9.6 10037 CAA IEEE 802.15 18 luetooth 6.9PSK, DH3) Bluetooth 4.77 4.9.6 10037 CAA IEEE 802.15 18 luetooth 6.9PSK, DH3) Bluetooth 4.77 4.9.6 10038 CAA IEEE 802.15 18 luetooth 6.9PSK, DH3) Bluetooth 4.77 4.9.6 10039 CAB CDMA2000 (TKRTT, RC1) CDMA2000 CTMA2000 (TKRTT, RC1) CDMA2000 CTMA2000						
10028 DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2) GSM 4.80 4.96 1.96 1.90			EDGE-FDD (TDMA 8PSK TN 0-1)			
10028 DAC DPRS-PDD (TDMA, GMSK, TN 0-1-2) GSM 3.55 19.6						
10029 DAC EDGE-FDD (TDMA, 8PSK, TN 0-1-2) SSM 7.78 ±9.6						
10030						
10031 CAA IEEE 802.15.1 Bluetooth (GFSK, DH3) Bluetooth 1.87 1.9.6 10032 CAA IEEE 802.15.1 Bluetooth (GFSK, DH5) Bluetooth 1.16 1.9.6 10033 CAA IEEE 802.15.1 Bluetooth (GFSK, DH5) Bluetooth 7.74 1.9.6 10034 CAA IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) Bluetooth 7.74 1.9.6 10035 CAA IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) Bluetooth 3.83 1.9.6 10036 CAA IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) Bluetooth 3.81 1.9.6 10037 CAA IEEE 802.15.1 Bluetooth (8-DPSK, DH5) Bluetooth 8.01 1.9.6 10037 CAA IEEE 802.15.1 Bluetooth (8-DPSK, DH5) Bluetooth 4.77 1.9.6 10038 CAA IEEE 802.15.1 Bluetooth (8-DPSK, DH5) Bluetooth 4.77 1.9.6 10039 CAB IEEE 802.15.1 Bluetooth (8-DPSK, DH5) Bluetooth 4.77 1.9.6 10039 CAB IEEE 802.15.1 Bluetooth (8-DPSK, DH5) Bluetooth 4.77 1.9.6 10039 CAB IEEE 802.15.1 Bluetooth (8-DPSK, DH5) Bluetooth 4.77 1.9.6 10039 CAB IS-84 IIS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) AMPS 7.78 1.9.6 10040 CAB IS-84 IIS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) AMPS 7.78 1.9.6 10040 CAA DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) DECT 13.80 1.9.6 10040 CAA DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) DECT 13.80 1.9.6 10056 CAA DECT (TDD, TDMA/FDM, 128 Mb9s) TD-SCDMA 11.01 1.9.6 10056 CAA UMTS-TDD (TD-SCDMA, 1.28 Mb9s) TD-SCDMA 11.01 1.9.6 10056 CAA UMTS-TDD (TD-SCDMA, 1.28 Mb9s) TD-SCDMA 11.01 1.9.6 10056 CAA EEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps) WLAN 2.83 1.9.6 10059 CAB IEEE 802.11b WIFI 2.6 GHz (DFM, 8 Mbps) WLAN 2.83 1.9.6 10060 CAB IEEE 802.11b WIFI 2.6 GHz (DFM, 8 Mbps) WLAN 2.83 1.9.6 10061 CAB IEEE 802.11b WIFI 2.6 GHz (DFM, 9 Mbps) WLAN 3.60 1.9.6 10062 CAC IEEE 802.11a WIFI 5 GHz (DFM, 8 Mbps) WLAN 9.09 1.9.6 10065 CAC IEEE 802.11a WIFI 5 GHz (DFM, 9 Mbps) WLAN 9.09						
10032 CAA IEEE 802.15.1 Bluetooth (FSK, 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/A-DQPSK, DHS) Bluetooth 4.53 ± 9.6						
10035						
10036 CAA IEEE 802.15.1 Bluetooth (8-DPSK, DH1) Bluetooth 8.01 ±9.6						± 9.6 %
10037 CAA IEEE 802.15.1 Bluetooth (8-DPSK, DH3) Bluetooth 4.77 ± 9.6					** ************************************	± 9.6 %
10038			IEEE 802.15.1 Bluetooth (8-DPSK, DH3)			
10039 CAB CDMA2000 (1xRTT, RC1) CDMA2000 4.57 ± 9.6	10038		IEEE 802.15.1 Bluetooth (8-DPSK, DH5)			± 9.6 %
10042 CAB IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	10039	CAB				± 9.6 %
10044	10042					± 9.6 %
10048 CAA DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) DECT 13.80 ±9.6 10049 CAA DECT (TDD, TDMA/FDM, GFSK, Full Slot, 12) DECT 10.79 ±9.6 10056 CAA UMTS-TDD (TD-SCDMA, 1.28 Mcps) TD-SCDMA 11.01 ±9.6 10058 DAC EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) GSM 6.52 ±9.6 10059 CAB IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) WLAN 2.12 ±9.6 10060 CAB IEEE 802.11b WiFi 2.4 GHz (DSSS, 5 Mbps) WLAN 2.83 ±9.6 10061 CAB IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) WLAN 3.60 ±9.6 10062 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) WLAN 8.63 ±9.6 10062 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) WLAN 8.63 ±9.6 10064 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) WLAN 9.09 ±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, 12 Mbps) WLAN 9.00 ±9.6 10066 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) WLAN 9.00 ±9.6 10066 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) WLAN 9.00 ±9.6 10066 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) WLAN 9.00 ±9.6 10067 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) WLAN 9.00 ±9.6 10068 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) WLAN 10.12 ±9.6 10068 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) WLAN 10.24 ±9.6 10069 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) WLAN 10.56 ±9.6 10069 CAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) WLAN 10.56 ±9.6 10071 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Wbps) WLAN 9.83 ±9.6 10071 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Wbps) WLAN 9.84 ±9.6 10071 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) WLAN 10.30 ±9.6 10073 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) WLAN 10.30 ±9.6 10074 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) WLAN 10.30 ±9.6 10074 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 2						± 9.6 %
10049	10048	CAA				± 9.6 %
10056	10049	CAA				± 9.6 %
10058 DAC EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) GSM 6.52 ± 9.6 10059 CAB IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) WLAN 2.12 ± 9.6 10060 CAB 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 (DFDM, 6 Mbps) WLAN 8.68 ± 9.6 10063 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 9 Mbps) WLAN 8.63 ± 9.6 10064 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 9 Mbps) WLAN 9.09 ± 9.6 10065 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 12 Mbps) WLAN 9.00 ± 9.6 10065 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 14 Mbps) WLAN 9.00 ± 9.6 10066 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 24 Mbps) WLAN 9.00 ± 9.6 10067 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 36 Mbps) WLAN 9.03 ± 9.6 10068 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 36 Mbps) WLAN 10.12 ± 9.6 10068 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 36 Mbps) WLAN 10.24 ± 9.6 10069 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 48 Mbps) WLAN 10.24 ± 9.6 10069 CAC IEEE 802.11a/h WiFi 5 GHz (DFDM, 48 Mbps) WLAN 10.56 ± 9.6 10071 CAB IEEE 802.11a/h WiFi 5 GHz (DFDM, 54 Mbps) WLAN 9.62 ± 9.6 10073 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 14 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 9.94 ± 9.6 10075 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) WLAN 10.30 ± 9.6 10076 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) WLAN 10.30 ± 9.6 10076 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 10.94 ± 9.6 10076 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 10.94 ± 9.6 10076 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 10.94 ± 9.6 10076 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 10.94 ± 9.6 1	10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)			± 9.6 %
10059	10058	DAC				± 9.6 %
10061 CAB IEEE 802.11b WIFI 2.4 GHz (DSS), 11 Mbps) WLAN 3.60 ±9.6		CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)		2.12	± 9.6 %
10061 CAB IEEE 802.11a WiFi 2.4 GHz (DSSS, 11 Mbps) WLAN 8.68 ±9.6				WLAN	2.83	± 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, 18 Mbps) WLAN				WLAN	3.60	± 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, 24 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 802.11g WiFi 2.4 GHz (OFDM, 48 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, 18 Mbps) WLAN 9.62 ± 9.6 10072 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) WLAN 9.92 ± 9.6 10073 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) WLAN 10.30 ± 9.6 10075 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) WL					8.68	±9.6%
10065				WLAN	8.63	± 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 10077 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 11.00 ± 9.6 10081 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)			IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)		9.09	± 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, 12 Mbps) WLAN 9.62 ± 9.6 10074 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) WLAN 10.30 ± 9.6 10075 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) WLAN 10.77 ± 9.6 10076 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) WLAN 10.77 ± 9.6 10077 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 11.09 ± 9.6 10076 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6 %</td>						±9.6 %
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10069 CAC IEEE 802.11a/h WiFl 5 GHz (OFDM, 54 Mbps) WLAN 10.56 ± 9.6 10071 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/OFDM, 9 Mbps) WLAN 9.83 ± 9.6 10072 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/OFDM, 12 Mbps) WLAN 9.62 ± 9.6 10073 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/OFDM, 18 Mbps) WLAN 9.94 ± 9.6 10074 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/OFDM, 24 Mbps) WLAN 10.30 ± 9.6 10075 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/OFDM, 36 Mbps) WLAN 10.77 ± 9.6 10076 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 10.94 ± 9.6 10077 CAB IEEE 802.11g WiFl 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 10097 CAB UMTS-FDD (HSDPA) WCDMA <td< td=""><td></td><td></td><td></td><td></td><td></td><td>±9.6%</td></td<>						±9.6%
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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						
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10105 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 10.01 ± 9.6						± 9.6 %
						± 9.6 %
- 10100 CAG LTE-PDD (SC-PDMA, 100% RB. 10 MHZ. (JPSK)	10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %

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		175 FDD (00 FD144 4000/ FD5 40 144)	LTE EDD	0.40	+060/
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD LTE-FDD	6.43 5.75	± 9.6 % ± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	6.44	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)			± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59 6.62	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	8.10	± 9.6 %
10114	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN WLAN		±9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)		8.46	
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 WLAN	8.07	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)		8.59	± 9.6 % ± 9.6 %
10119	CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	
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	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	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	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 %
10193	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 %
10196	CAC	IEEE 802.11n (HT Mixed, 0.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAC	IEEE 802.11n (HT Mixed, 05 Mibps, 04 G/M/)	WLAN	8.03	± 9.6 %
10218	1040	TILLE OUZ. FIT (FT MIXOU, F.Z. WODO, DT ON)			

10221 CAC IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	40000	~~~	EFF 000 At ALTHUR A ACCOUNT	1		
10222	10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10223 CAC IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)				WLAN	8.27	± 9.6 %
10224 CAC		CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10224 CAC	10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6%
10225 CAB UMTS-FDD (HSPA+) 10226 CAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD 9.49 ± 9.	10224	CAC	IEEE 802.11n (HT Mixed, 150 Mbos, 64-QAM)		~~~	±9.6%
10228	10225	CAB				± 9.6 %
10227						± 9.6 %
10228				····		
10229						±9.6%
10230						± 9.6 %
10231 CAC				LTE-TDD	9.48	± 9.6 %
10232 CAF			LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10232 CAF		CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6%
10233	10232	CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10234	10233	CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)			±9.6%
10235 CAF			LTE-TDD (SC-FDMA 1 RB 5 MHz, QPSK)			± 9.6 %
10236 CAF			LTE-TOD (SC-EDMA 1 RB 10 MHz 16-OAM)			± 9.6 %
10237 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-TDD 9.21 ±9. 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD 9.48 ±9. 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD 10.25 ±9. 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD 9.21 ±9. 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.82 ±9. 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ±9. 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD 9.46 ±9. 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ±9. 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 10.06 ±9. 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 10.06 ±9. 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.30 ±9. 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ±9. 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ±9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ±9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.29 ±9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-QAM) LTE-TDD 10.17 ±9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-QAM) LTE-TDD 9.24 ±9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-QAM) LTE-TDD 9.24 ±9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-QAM) LTE-TDD 9.90 ±9. 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-QAM) LTE-TDD 9.90 ±9. 10257 CAA LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-QAM) LTE-TDD 9.90 ±9. 10258 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-QAM) LTE-TDD 9.90 ±9. 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.90 ±9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, G4-QAM) LTE-TDD 9.99 ±9. 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, G4-QAM) LTE-TDD 9.94						
10238 CAF						± 9.6 %
10239 CAF						±9.6%
10240						±9.6%
10241 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.82 ± 9.				LTE-TDD	10.25	±9.6%
10241 CAA		CAF		LTE-TDD	9.21	±9.6%
10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ± 9. 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD 9.46 ± 9. 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9. 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ± 9. 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 10.06 ± 9. 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ± 9. 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ± 9. 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 9.29 ± 9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD <t< td=""><td>10241</td><td>CAA</td><td>LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)</td><td>LTE-TDD</td><td>9.82</td><td>± 9.6 %</td></t<>	10241	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD 9.46 ± 9. 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9. 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ± 9. 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30 ± 9. 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ± 9. 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10.09 ± 9. 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.29 ± 9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD	10242	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)			±9.6%
10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9. 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ± 9. 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30 ± 9. 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ± 9. 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 10.09 ± 9. 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ± 9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-QAM) LTE-TDD	10243	CAA				± 9.6 %
10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ± 9. 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30 ± 9. 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ± 9. 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10.09 ± 9. 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ± 9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD <t< td=""><td></td><td></td><td></td><td></td><td></td><td>± 9.6 %</td></t<>						± 9.6 %
10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30 ± 9. 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ± 9. 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10.09 ± 9. 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ± 9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD					·····	
10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ± 9. 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10.09 ± 9. 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ± 9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD						±9.6 %
10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10.09 ± 9. 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ± 9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.34 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD						±9.6 %
10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ± 9. 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GPSK) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GPSK) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.34 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD		-				± 9.6 %
10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9. 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.97 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD		•			10.09	± 9.6 %
10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.97 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.24 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD			LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6%
10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9. 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.97 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.24 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD	10250	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ± 9. 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD <td>10251</td> <td>CAF</td> <td></td> <td></td> <td></td> <td>± 9.6 %</td>	10251	CAF				± 9.6 %
10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ± 9. 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD<		CAF				± 9.6 %
10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ± 9. 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.		,				± 9.6 %
10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ± 9. 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9. 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.						± 9.6 %
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10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9. 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.		}				± 9.6 %
10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9. 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.						± 9.6 %
10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9. 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.)				± 9.6 %
10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9. 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.				LTE-TDD	9.34	± 9.6 %
10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.	10259	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9. 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.	10260	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6 %
10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9. 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.	10261	CAC			······	±9.6%
10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.						± 9.6 %
						± 9.6 %
		1				
						±9.6 %
						± 9.6 %
						± 9.6 %
						± 9.6 %
					10.06	± 9.6 %
				LTE-TDD	10.13	± 9.6 %
		CAF				± 9.6 %
<u></u>						± 9.6 %
						± 9.6 %
) —		***		± 9.6 %
						±9.6 %
						±9.6%
						±9.6%
						± 9.6 %
	10292	AAB	CDMA2000, RC3, SO32, Full Rate			± 9.6 %
		AAB				±9.6%
						± 9.6 %
						± 9.6 %
						± 9.6 %
	10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)			
107/2021 AAI			I LILTI DD (30°FDIVIM, 30% RD, 3 MITZ, 10°QAMI)	LTE-FDD	6.39	±9.6 %

10200	A A D	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10300 10301	AAD AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	± 9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL	WIMAX	12.57	± 9.6 %
10302	AAA	symbols)	VVIIVII 17.	12.01	20.0 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10303	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 %
10000	7001	symbols)	,,,,,,,		
10306	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18	WiMAX	14.67	± 9.6 %
10000	7001	symbols)	.,		
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18	WiMAX	14.49	±9.6%
		symbols)			
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	WiMAX	14.58	±9.6%
		symbols)			
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18	WiMAX	14.57	± 9.6 %
		symbols)			
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 6.27	± 9.6 % ± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic WLAN	8.37	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	± 9.6 %
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	CDMA2000	3.76	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10404 10406	AAB	CDMA2000 (TXEV-DO, Rev. A) CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10406	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
10410	AVAIT	Subframe=2,3,4,7,8,9, Subframe Conf=4)	,		312 ,3
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,	WLAN	8.14	± 9.6 %
10110	, , , , ,	Long preambule)			
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle,	WLAN	8.19	± 9.6 %
		Short preambule)			
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	LTE-TDD	7.82	± 9.6 %
1011	1	Subframe=2,3,4,7,8,9)	LTE EDD	7 56	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD LTE-FDD	7.56 7.53	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10450	AAC				

10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.50	1060/
10456	AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	WLAN	7.59 8.63	± 9.6 % ± 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	LTE-TDD	7.82	±9.6%
		Subframe=2,3,4,7,8,9)			
10462	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL	LTE-TDD	8.30	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10463	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL	LTE-TDD	8.56	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10464	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
40405	4.45	Subframe=2,3,4,7,8,9)			
10465	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
10466	A A D	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL	LTE TOD	0 57	
10400	AAB	Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 9.6 %
10467	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
10407	///L	Subframe=2,3,4,7,8,9)	LIE-IDD	1.02	I 9.0 %
10468	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
10100	' " "	Subframe=2,3,4,7,8,9)	LiL 100	0.02	2 0.0 %
10469	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL	LTE-TDD	8.56	± 9.6 %
		Subframe=2,3,4,7,8,9)		0.00	
10470	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10471	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10472	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL	LTE-TDD	8.57	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
10474		Subframe=2,3,4,7,8,9)	175 700	0.00	. 0 0 0/
10474	AAE	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 %
10475	/ WIL	Subframe=2,3,4,7,8,9)	LICTION	0.07	1 9.0 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
10111		Subframe=2,3,4,7,8,9)		0.02	20.070
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL	LTE-TDD	8.57	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10479	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL	LTE-TDD	7.74	±9.6%
		Subframe=2,3,4,7,8,9)			
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL	LTE-TDD	8.18	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL	LTE-TDD	8.45	± 9.6 %
10.100	ļ., <u>.</u>	Subframe=2,3,4,7,8,9)			
10482	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL	LTE-TDD	7.71	± 9.6 %
10483	AAD	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL	LTE-TDD	0.20	1000
10400	AAB	ETE-TDD (SC-FDMA, 50% RB, 3 MHZ, 16-QAM, UL Subframe=2,3,4,7,8,9)	LIE-IDD	8.39	± 9.6 %
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL	LTE-TDD	8.47	± 9.6 %
10404	7770	Subframe=2,3,4,7,8,9)	LIE-IDD	0.47	1 5.0 %
10485	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL	LTE-TDD	7.59	± 9.6 %
10400	' ' ' -	Subframe=2,3,4,7,8,9)		1,00	20,070
10486	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL	LTE-TDD	8.38	±9.6 %
		Subframe=2,3,4,7,8,9)		A	
10487	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL	LTE-TDD	8.60	±9.6%
	<u> </u>	Subframe=2,3,4,7,8,9)			
10488	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL	LTE-TDD	7.70	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10489	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL	LTE-TDD	8.31	± 9.6 %
40.402		Subframe=2,3,4,7,8,9)	1	5.5.	1.000
10490	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL	LTE-TDD	8.54	±9.6 %
10404	1 4 4 5	Subframe=2,3,4,7,8,9)	I TE TOO	774	+000
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 %
L	1	Oubmaing=2,0,7,1,0,0]	1	<u> </u>	J

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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	LTE-TDD	8.55	± 9.6 %
		Subframe=2,3,4,7,8,9)			
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL	LTE-TDD	7.74	± 9.6 %
10495	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL	LTE-TDD	8.37	± 9.6 %
10493	AAF	Subframe=2,3,4,7,8,9)		0.07	0.0 /0
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL	LTE-TDD	8.54	± 9.6 %
		Subframe=2,3,4,7,8,9)		7.07	
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	LTE-TDD	8.40	± 9.6 %
	,	Subframe=2,3,4,7,8,9)			
10499	AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL	LTE-TDD	8.68	± 9.6 %
10500	AAB	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL	LTE-TDD	7.67	± 9.6 %
10000	AAB	Subframe=2,3,4,7,8,9)	12-100	1.07	20.0 %
10501	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL	LTE-TDD	8.44	± 9.6 %
		Subframe=2,3,4,7,8,9)		0 50	
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	LTE-TDD	7.72	± 9.6 %
10000	/ 5	Subframe=2,3,4,7,8,9)			
10504	AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL	LTE-TDD	8.31	±9.6%
10505	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL	LTE-TDD	8.54	± 9.6 %
10000	AAE	Subframe=2,3,4,7,8,9)	CIE-IDD	0.04	2.0.0 /
10506	AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL	LTE-TDD	7.74	± 9.6 %
		Subframe=2,3,4,7,8,9)	1.75 755		1000
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	LTE-TDD	8.55	± 9.6 %
10000		Subframe=2,3,4,7,8,9)			
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL	LTE-TDD	7.99	±9.6 %
10510	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL	LTE-TDD	8.49	±9.6 %
10010	\ \tag{\tau_{\tau}}	Subframe=2,3,4,7,8,9)			
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL	LTE-TDD	8.51	± 9.6 %
	<u>.</u>	Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LIE-IDD	7.74	I 9.0 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL	LTE-TDD	8.42	±9.6 %
		Subframe=2,3,4,7,8,9)			
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL	LTE-TDD	8.45	± 9.6 %
10515	AAA	Subframe=2,3,4,7,8,9) 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 WLAN	8.39 8.12	± 9.6 % ± 9.6 %
10520 10521	AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	± 9.6 %
10521	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, 48 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 WLAN	8.36 8.42	± 9.6 % ± 9.6 %
10526 10527	AAB AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	8.21	± 9.6 %
10527	AAB	IEEE 802.11ac WIFT (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) IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	WLAN WLAN	8.29 8.38	± 9.6 % ± 9.6 %
10533 10534	AAB	IEEE 802.11ac WiFi (20MHz, MCSo, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCSo, 99pc duty cycle)	WLAN	8.45	± 9.6 %
_ 10004	1,010	1.222 002.1.301			-

10535	I A A D	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	140 451	0.45	1000
10536	AAB		WLAN		± 9.6 %
10537		IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN		± 9.6 %
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN		± 9.6 %
10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN		±9.6%
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	WLAN		± 9.6 %
	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	WLAN		± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN		± 9.6 %
10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	WLAN		± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	WLAN		±9.6%
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	WLAN		±9.6%
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	WLAN		±9.6%
10547	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	WLAN		± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	WLAN		± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	WLAN		± 9.6 %
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	WLAN		± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN		± 9.6 %
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10555	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	8.47	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	WLAN		± 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		±9.6%
		cycle)			
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 00	±9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN		± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	8.44 8.54 8.39 8.46 8.65 8.65 8.65 8.47 8.55 8.35 8.49 8.37 8.38 8.50 8.42 8.45 8.45 8.45 8.46 8.73 8.56 8.69 8.77 8.25 8.41 8.30 8.37 8.38 8.40 8.40 8.37 8.40 8.37 8.40 8.37 8.40 8.37 8.40 8.37	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN		± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty	WLAN		± 9.6 %
10576	AAA	cycle) 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	WLAN	8.76	± 9.6 %
10581	AAA	cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty	WLAN	8.35	± 9.6 %
10582	AAA	cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty	WLAN	8.67	± 9.6 %
10583	AAB	cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	9.50	± 9.6 %
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Wibps, 90pc duty cycle)	WLAN		±9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Wbps, 90pc duty cycle)	WLAN		± 9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN		± 9.6 %
10587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN		± 9.6 %
10001	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	TILLE OUZ. FTAIT VVIETO GETZ (OFDIVI, 24 MIDDS, SUPE GULY CYCIE)	1 AA PWIN	1 0.30	1 + 3.0 70

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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 %
3			WLAN		
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)		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 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	± 9.6 %
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, MCS1, 30pc 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 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.96	± 9.6 %
		IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.96	
10625	AAB				±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 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6 %
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 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6 %
10638	AAC	IEEE 802.11ac WIFI (160MHz, MCS2, 90pc duty cycle)	WLAN		±9.6 %
				8.85	
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 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAD	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAD	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
1000	1,2,5	1 1 (01 bits (10 tits 12) 1 tit 011) 011pping 70)		0.00	0.0 /0

EX3DV4~ SN:7417

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 %

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



APPENDIX D: SAR TISSUE SPECIFICATIONS

Measurement Procedure for Tissue verification:

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

$$Y = \frac{j2\omega\varepsilon_{r}\varepsilon_{0}}{\left[\ln(b/a)\right]^{2}} \int_{a}^{b} \int_{a}^{b} \int_{0}^{\pi} \cos\phi' \frac{\exp\left[-j\omega r(\mu_{0}\varepsilon_{r}'\varepsilon_{0})^{1/2}\right]}{r} d\phi' d\rho' d\rho'$$

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

Table D-I
Composition of the Tissue Equivalent Matter

Frequency (MHz)	750	750	835	835	1750	1750	1900	1900	2450	2450	5200 - 5800	5200 - 5800
Tissue	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Ingredients (% by weight)												
Bactericide			0.1	0.1								
DGBE					47	31	44.92	29.44		26.7		ľ
HEC	See page	See page	1	1					Saa maga 1		See page	See page
NaCl	2-3	2	1.45	0.94	0.4	0.2	0.18	0.39	See page 4	0.1	5	6
Sucrose			57	44.9								
Water			40.45	53.06	52.6	68.8	54.9	70.17		73.2		

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The Item is composed of the following ingredients:

Water, 35 - 58% H₂O

Sucrose Sugar, white, refined, 40 - 60% NaCl Sodium Chloride, 0 - 6%

Hydroxyethyl-cellulose

Preventol-D7

Medium Viscosity (CAS# 9004-62-0), <0.3% Preservative: aqueous preparation, (CAS# 55965-84-9), containing

5-chloro-2-methyl-3(2H)-isothiazolone and 2-methyyl-3(2H)-isothiazolone,

0.1 - 0.7%

Relevant for safety; Refer to the respective Safety Data Sheet*.

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

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

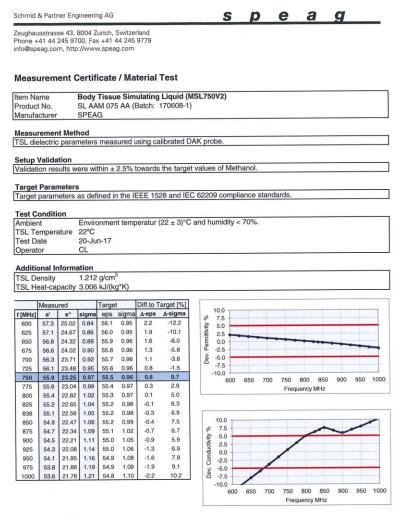


Figure D-2 750MHz Body Tissue Equivalent Matter

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Zeughausstrasse 43, 8004 Zurich, Switzerland Phone +41 44 245 9700, Fax +41 44 245 9779 info@speag.com, http://www.speag.com

Measurement Certificate / Material Test

Head Tissue Simulating Liquid (HSL750V2) SL AAH 075 AA (Batch: 170612-4) Item Name

Product No. Manufacturer SPEAG

Measurement Method

TSL dielectric parameters measured using calibrated DAK probe.

Setup Validation

Validation results were within $\pm 2.5\%$ towards the target values of Methanol.

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

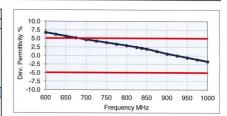
Test Condition

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

Additional Information

TSL Density 1.284 g/cm³ TSL Heat-capacity 2.701 kJ/(kg*K)

	Measu	ured		Targe	t	Diff.to T	arget [%]
f [MHz]	e'	е"	sigma	eps	sigma	∆-eps	Δ-sigma
600	45.6	22.97	0.77	42.7	0.88	6.7	-13.1
625	45.2	22.73	0.79	42.6	0.88	6.2	-10.6
650	44.9	22.49	0.81	42.5	0.89	5.6	-8.2
675	44.5	22.27	0.84	42.3	0.89	5.1	-5.8
700	44.2	22.05	0.86	42.2	0.89	4.6	-3.5
725	43.8	21.88	0.88	42.1	0.89	4.2	-1.0
750	43.5	21.72	0.91	41.9	0.89	3.8	1.4
775	43.2	21.55	0.93	41.8	0.90	3.4	3.7
800	42.9	21.38	0.95	41.7	0.90	2.9	6.0
825	42.6	21.24	0.97	41.6	0.91	2.4	7.5
838	42.5	21.17	0.99	41.5	0.91	2.2	8.2
850	42.3	21.09	1.00	41.5	0.92	2.0	8.9
875	42.0	20.98	1.02	41.5	0.94	1.2	8.3
900	41.7	20.87	1.05	41.5	0.97	0.5	7.7
925	41.5	20.76	1.07	41.5	0.98	0.0	8.7
950	41.2	20.64	1.09	41.4	0.99	-0.6	9.7
975	40.9	20.55	1.11	41.4	1.00	-1.1	10.9
1000	40.6	20.46	1.14	41.3	1.01	-1.7	12.1



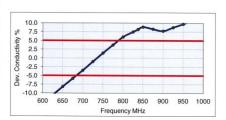


Figure D-3 750MHz Head Tissue Equivalent Matter

	FCC ID ZNFX420QM	PCTEST'	SAR EVALUATION REPORT	LG	Approved by: Quality Manager
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The Item is composed of the following ingredients:

50 - 73 % Water

25 - 50 % polyoxyethylenesorbitan monolaurate Non-ionic detergents

0-2% 0.05 - 0.1% Preventol-D7 Preservative

Safety relevant ingredients:

CAS-No. 55965-84-9 < 0.1 % aqueous preparation, containing 5-chloro-2-methyl-3(2H)-

isothiazolone and 2-methyyl-3(2H)-isothiazolone <50 %

CAS-No. 9005-64-5 <50 % polyoxyethylenesorbitan monolaurate
According to international guidelines, the product is not a dangerous mixture and therefore not required to be marked by symbols.

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

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

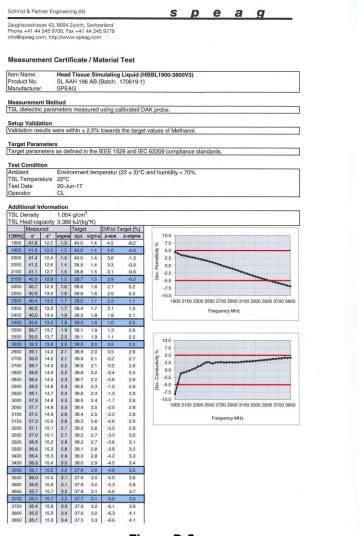


Figure D-5 2.4 GHz Head Tissue Equivalent Matter

FCC ID ZNFX420QM	PCTEST*	SAR EVALUATION REPORT	LG	Approved by: Quality Manager
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The Item is composed of the following ingredients:

 $\begin{array}{lll} \text{Water} & 50-65\% \\ \text{Mineral oil} & 10-30\% \\ \text{Emulsifiers} & 8-25\% \\ \text{Sodium salt} & 0-1.5\% \\ \end{array}$

Figure D-6

Composition of 5 GHz Head Tissue Equivalent Matter

Note: 5 GHz head liquid recipes are proprietary SPEAG. Since the composition is approximate to the actual liquids utilized, the manufacturer tissue-equivalent liquid data sheets are provided below.

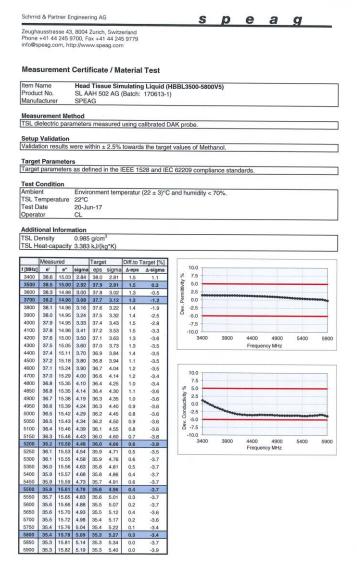


Figure D-7
5 GHz Head Tissue Equivalent Matter

FCC ID ZNFX420QM	PCTEST*	SAR EVALUATION REPORT	① LG	Approved by: Quality Manager
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The Item is composed of the following ingredients:

Water 60-80%Esters, Emulsifiers, Inhibitors 20-40%Sodium salt 0-1.5%

Figure D-8 Composition of 5 GHz Body Tissue Equivalent Matter

Note: 5 GHz Body liquid recipes are proprietary SPEAG. Since the composition is approximate to the actual liquids utilized, the manufacturer tissue-equivalent liquid data sheets are provided below.

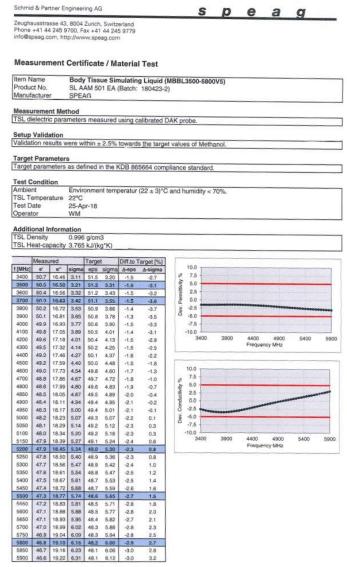


Figure D-9
5 GHz Body Tissue Equivalent Matter

FCC ID ZNFX420QM	PCTEST*	SAR EVALUATION REPORT	① LG	Approved by: Quality Manager
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APPENDIX E: SAR SYSTEM VALIDATION

Per FCC KDB Publication 865664 D02v01r02, SAR system validation status should be documented to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

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

> Table E-1 SAR System Validation Summary - 1a

					SAN	Syste	eiii va	iluation S	ullilliai y -	· iy			
SAR	Freq.					Cond.	Perm.	С	W VALIDATIO	N	M	DD. VALIDATIO	ON
System	(MHz)	Date	Probe SN	Probe C	al Point	(σ)	(Er)	SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR
Н	750	9/5/2018	7409	750	Head	0.887	41.851	PASS	PASS	PASS	N/A	N/A	N/A
Н	835	7/13/2018	7409	835	Head	0.932	43.227	PASS	PASS	PASS	GMSK	PASS	N/A
D	1750	10/26/2018	7357	1750	Head	1.345	39.703	PASS	PASS	PASS	N/A	N/A	N/A
G	1900	8/9/2018	7410	1900	Head	1.429	38.607	PASS	PASS	PASS	GMSK	PASS	N/A
Е	1900	3/11/2019	3589	1900	Head	1.436	39.615	PASS	PASS	PASS	GMSK	PASS	N/A
Е	2450	2/5/2019	3589	2450	Head	1.825	39.836	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
Н	5250	7/5/2018	7409	5250	Head	4.492	34.994	PASS	PASS	PASS	OFDM	N/A	PASS
Н	5600	7/5/2018	7409	5600	Head	4.839	34.496	PASS	PASS	PASS	OFDM	N/A	PASS
Н	5750	7/5/2018	7409	5750	Head	4.995	34.288	PASS	PASS	PASS	OFDM	N/A	PASS
L	750	11/6/2018	7308	750	Body	0.962	53.923	PASS	PASS	PASS	N/A	N/A	N/A
D	835	8/15/2018	7357	835	Body	1.000	53.368	PASS	PASS	PASS	GMSK	PASS	N/A
G	1750	8/29/2018	7410	1750	Body	1.464	52.807	PASS	PASS	PASS	N/A	N/A	N/A
J	1900	2/8/2019	7488	1900	Body	1.571	52.538	PASS	PASS	PASS	GMSK	PASS	N/A
K	2450	3/6/2019	7417	2450	Body	2.039	50.670	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
L	5250	10/29/2018	7308	5250	Body	5.511	48.770	PASS	PASS	PASS	OFDM	N/A	PASS
L	5600	10/29/2018	7308	5600	Body	5.994	48.200	PASS	PASS	PASS	OFDM	N/A	PASS
L	5750	10/29/2018	7308	5750	Body	6.219	47.960	PASS	PASS	PASS	OFDM	N/A	PASS
	_			_	_	_		_				_	_

Table E-2 SAR System Validation Summary - 10g

SAR	Freq.					Cond.	Cond. Perm.	С	W VALIDATIO	N	M	DD. VALIDATIO	ON
System	I I Date Prope SNIPrope (al Poir		al Point			SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR		
G	1750	8/29/2018	7410	1750	Body	1.464	52.807	PASS	PASS	PASS	N/A	N/A	N/A
J	1900	2/8/2019	7488	1900	Body	1.571	52.538	PASS	PASS	PASS	GMSK	PASS	N/A
G	1900	8/10/2018	7410	1900	Body	1.567	52.239	PASS	PASS	PASS	GMSK	PASS	N/A
L	5250	10/29/2018	7308	5250	Body	5.511	48.770	PASS	PASS	PASS	OFDM	N/A	PASS
L	5600	10/29/2018	7308	5600	Body	5.994	48.200	PASS	PASS	PASS	OFDM	N/A	PASS
L	5750	10/29/2018	7308	5750	Body	6.219	47.960	PASS	PASS	PASS	OFDM	N/A	PASS

NOTE: While the probes have been calibrated for both CW and modulated signals, all measurements were performed using communication systems calibrated for CW signals only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04 for scenarios when CW probe calibrations are used with other signal types. SAR systems were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to FCC KDB Publication 865664 D01v01r04.

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APPENDIX G POWER REDUCTION VERIFICATION

Per the May 2017 TCBC Workshop Notes, demonstration of proper functioning of the power reduction mechanisms is required to support the corresponding SAR configurations. The verification process was divided into two parts: (1) evaluation of output power levels for individual or multiple triggering mechanisms and (2) evaluation of the triggering distances for proximity-based sensors.

G.1 Power Verification Procedure

The power verification was performed according to the following procedure:

- 1. A base station simulator was used to establish a conducted RF connection and the output power was monitored. The power measurements were confirmed to be within expected tolerances for all states before and after a power reduction mechanism was triggered.
- 2. Step 1 was repeated for all relevant modes and frequency bands for the mechanism being investigated.
- 3. Steps 1 and 2 were repeated for all individual power reduction mechanisms and combinations thereof. For the combination cases, one mechanism was switched to a 'triggered' state at a time; powers were confirmed to be within tolerances after each additional mechanism was activated.

G.2 Distance Verification Procedure

The distance verification procedure was performed according to the following procedure:

- 1. A base station simulator was used to establish an RF connection and to monitor the power levels. The device being tested was placed below the relevant section of the phantom with the relevant side or edge of the device facing toward the phantom.
- 2. The device was moved toward and away from the phantom to determine the distance at which the mechanism triggers and the output power is reduced, per KDB Publication 616217 D04v01r02 and FCC Guidance. Each applicable test position was evaluated. The distances were confirmed to be the same or larger (more conservative) than the minimum distances provided by the manufacturer.
- 3. Steps 1 and 2 were repeated for low, mid, and high bands, as appropriate (see note below Table G-2 for more details).
- 4. Steps 1 through 3 were repeated for all distance-based power reduction mechanisms.

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G.3 Main Antenna Verification Summary

Table G-1
Power Measurement Verification for Main Antenna

Mechanism(s)		Conducted Power (dBm)		
1st	Mode/Band	Un-triggered (Max)	Mechanism #1 (Reduced)	
Grip	PCS CDMA	23.43	21.89	
Grip	UMTS 1750	23.89	23.01	
Grip	UMTS 1900	23.55	22.36	
Grip	LTE FDD Band 4	23.85	22.52	
Grip	LTE FDD Band 2	23.51	22.43	
Grip	LTE FDD Band 25	23.56	22.36	

Table G-2
Distance Measurement Verification for Main Antenna

Mechanism(s)	Test Condition	Band	Distance Measurements (mm)		Minimum Distance per
			Moving Toward	Moving Away	Manufacturer (mm)
Grip	Phablet - Back Side	Mid	3	4	3
Grip	Phablet - Front Side	Mid	5	6	5
Grip	Phablet - Bottom Edge	Mid	5	6	5

*Note: Mid band refers to: CDMA BC1, UMTS B2/4, LTE B2/4/25

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