10239- CAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	18.86	99.70	27.50	6.02	65.0	± 9.6 %
	1	Υ	8.13	86.24	23.68		65.0	
		Z	10.55	89.55	24.81		65.0	
10240- CAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	10.18	96.14	29.63	6.02	65.0	± 9.6 %
		Υ	5.85	84.84	25.77		65.0	
		Z	7.99	89.97	27.60		65.0	
10241- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	7.65	80.83	25.02	6.98	65.0	± 9.6 %
0,01	10 00 1117	Y	6.69	77.54	23.63		65.0	
		Ż	7.28	78.65	24.28		65.0	
10242- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	7.11	79,31	24.31	6.98	65.0	± 9.6 %
		Y	5.89	74.90	22.40		65.0	-
		Z	6.99	77.79	23.84		65.0	
10243- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	5.62	75.28	23.52	6.98	65.0	± 9.6 %
Orot	ar org	Y	4.95	71.98	21.92		65.0	
		Z	5.71	74.55	23.31		65.0	
10244-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	X	4.98	73.31	17.01	3.98	65.0	± 9.6 %
CAB	16-QAM)	Y	4.40	71.56	16.37	5.50	65.0	1 3.0 %
		Z	5.06	73.32	17.60		65.0	
10245-	LTE TOD (CC FDMA FOR DD 2 MILE	X	4.87	72.72	16.71	3.98	65.0	± 9.6 %
CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	Y	4.34	71.08	16.10	3.90	65.0	I 9.0 %
		Z	5.02	72.92	17.38		65.0	
10246- CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	4.99	76.93	18.94	3.98	65.0	± 9.6 %
CAB	QPSN)	Υ	4.31	74.86	18.21		65.0	
		Z	4.93	76.49	19.23		65.0	
40047	LITE TOD (OC COMA FOR DD E MILE					2.00		10000
10247- CAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	4.62	72.77	17.96	3.98	65.0	± 9.6 %
		Υ	4.28	71.58	17.49		65.0	
		Z	4.71	72.66	18.30		65.0	
10248- CAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	×	4.62	72.26	17.72	3.98	65.0	± 9.6 %
		Υ	4.30	71.11	17.26		65.0	
		Z	4.76	72.29	18.12		65.0	
10249- CAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	6.25	80.68	21.35	3.98	65.0	± 9.6 %
		Y	5.30	78.11	20.46		65.0	
		Z	5.81	79.03	21.03		65.0	
10250- CAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	5.52	75.32	20.72	3.98	65.0	± 9.6 %
		Y	5.12	73.99	20.21		65.0	
		Z	5.48	74.63	20.59		65.0	
10251- CAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	Х	5.28	73.27	19.48	3.98	65.0	± 9.6 %
		Y	4.93	72.02	18.96		65.0	
		Z	5.34	72.92	19.52	772 1100	65.0	
10252- CAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	×	6.47	80.34	22.21	3.98	65.0	± 9.6 %
		Y	5.65	78.03	21.40		65.0	Localita
		Z	6.09	78.67	21.68	i e e e e e	65.0	Acces to the
10253- CAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	5.37	72.44	19.48	3.98	65.0	± 9.6 %
	-	Υ	5.06	71.29	18.99		65.0	
		Z	5.44	72.15	19.48		65.0	
	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	X	5.70	73.31	20.18	3.98	65.0	± 9.6 %
10254- CAC		5-1153	0.00000					
10254- CAC	64-QAM)	Y	5.38	72.20	19.72		65.0	

10255- CAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	5.96	76.75	21.05	3.98	65.0	± 9.6 %
		Y	5.44	75.13	20.45		65.0	1
10050		Z	5.83	75.74	20.71		65.0	
10256- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	3.65	68.77	13.88	3.98	65.0	± 9.6 %
		Y	3.35	67.68	13.48		65.0	
		Z	4.05	70.05	15.17		65.0	
10257- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	3.58	68.17	13.51	3.98	65.0	± 9.6 %
		Y	3.31	67.18	13.14		65.0	
10050		Z	4.01	69.55	14.86		65.0	
10258- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	3.57	71.65	15.86	3.98	65.0	± 9.6 %
		Y	3.22	70.29	15.34		65.0	
		Z	3.89	72.72	16.91		65.0	
10259- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	4.98	73.78	18.99	3.98	65.0	± 9.6 %
		Y	4.62	72.51	18.49		65.0	
40000	175 705 (00 55)	Z	5.02	73.40	19.13		65.0	
10260- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	5.01	73.50	18.87	3.98	65.0	± 9.6 %
		Y	4.66	72.29	18.40		65.0	
40004	LTE TOD (SO FOLK)	Z	5.07	73.22	19.06	1	65.0	
10261- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	5.99	79.62	21.39	3.98	65.0	± 9.6 %
		Y	5.18	77.26	20.55		65.0	
40000	1 TE TOO (00 ED)	Z	5.66	78.12	21.04		65.0	
10262- CAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	Х	5.51	75.27	20.68	3.98	65.0	± 9.6 %
		Y	5.11	73.93	20.16		65.0	
		Z	5.48	74.59	20.56		65.0	
10263- CAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	Х	5.27	73.25	19.47	3.98	65.0	± 9.6 %
		Y	4.92	72.00	18.95		65.0	
	the second secon	Z	5.34	72.91	19.52		65.0	
10264- CAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	Х	6.40	80.13	22.11	3.98	65.0	± 9.6 %
		Υ	5.59	77.84	21.30		65.0	
		Z	6.05	78.51	21.60		65.0	
10265- CAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	Х	5.49	72.99	19.73	3.98	65.0	± 9.6 %
		Υ	5.15	71.78	19.22		65.0	
		Z	5.57	72.74	19.73		65.0	
10266- CAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	5.84	73.91	20.50	3.98	65.0	± 9.6 %
		Υ	5.50	72.75	20.03		65.0	
10007	LIFE TOO GOO SOLE	Z	5.89	73.52	20.43		65.0	
10267- CAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	6.26	77.41	21.08	3.98	65.0	± 9.6 %
		Υ	5.70	75.77	20.50		65.0	
10000		Z	6.10	76.36	20.72		65.0	
10268- CAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	×	6.10	72.88	20.09	3.98	65.0	± 9.6 %
		Y	5.80	71.87	19.67		65.0	
40000	LTE TOD (OG FOLK)	Z	6.19	72.67	20.06		65.0	
10269- CAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	×	6.07	72.47	19.97	3.98	65.0	± 9.6 %
		Υ	5.79	71.50	19.56		65.0	
10075	175 755 (55 55)	Z	6.16	72.27	19.95		65.0	
10270- CAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	6.13	74.75	20.15	3.98	65.0	± 9.6 %
		Υ	5.75	73.61	19.74		65.0	
		Z	6.10	74.15	19.94		65.0	

10274- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.85	68.82	16.90	0.00	150.0	± 9.6 %
		Y	2.78	68.13	16.46		150.0	
		Z	2.67	66.66	15.61		150.0	7
10275- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	X	2.41	75.99	20.05	0.00	150.0	± 9.6 %
		Y	2.09	73.02	18.58		150.0	
		Z	1.74	68.92	16.33		150.0	
10277- CAA	PHS (QPSK)	X	2.21	61.26	6.84	9.03	50.0	± 9.6 %
		Y	2.25	61.36	7.05		50.0	
		Z	2.31	61.89	7.55		50.0	
10278- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	×	3.85	68.58	13.20	9.03	50.0	± 9.6 %
		Y	3.92	68.80	13.49		50.0	
		Z	4.81	72.49	15.65		50.0	
10279- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	X	3.97	68.88	13.39	9.03	50.0	± 9.6 %
		Y	4.03	69.08	13.67		50.0	
		Z	4.97	72.85	15.85		50.0	
10290- AAB	CDMA2000, RC1, SO55, Full Rate	Х	11.87	99.89	25.59	0.00	150.0	± 9.6 %
		Υ	4.06	83.99	20.51	, i	150.0	
		Z	1.79	71.21	15.72		150.0	
10291- AAB	CDMA2000, RC3, SO55, Full Rate	X	10.43	103.89	26.91	0.00	150.0	± 9.6 %
		Y	2.17	80.36	19.35		150.0	
		Z	1.00	68.03	14.23		150.0	
10292- AAB	CDMA2000, RC3, SO32, Full Rate	X	100.00	142.15	36.93	0.00	150.0	± 9.6 %
		Y	100.00	138.09	35.21		150.0	
		Z	1.43	74.15	17.39		150.0	
10293- AAB	CDMA2000, RC3, SO3, Full Rate	Х	100.00	146.78	39.12	0.00	150.0	± 9.6 %
		Y	100.00	142.85	37.45		150.0	
		Z	2.52	82.92	21.25		150.0	
10295- AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	Х	7.75	80.56	21.33	9.03	50.0	± 9.6 %
		Y	7.63	80.15	21.25		50.0	
		Z	7.65	81.44	22.48		50.0	
10297- AAB	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	Х	3.48	74.52	19.34	0.00	150.0	± 9.6 %
		Y	3.24	72.98	18.58		150.0	
		Z	2.94	70.43	17.10		150.0	
10298- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	3.47	80.88	20.39	0.00	150.0	± 9.6 %
	77.000.000	Y	2.54	75.67	18.18		150.0	
		Z	1.83	69.43	15.50		150.0	
10299- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	Х	5.36	80.02	18.57	0.00	150.0	± 9.6 %
		Y	3.21	73.15	15.98		150.0	
		Z	2.73	70.07	14.92		150.0	
10300- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	Х	2.35	68.02	12.91	0.00	150.0	± 9.6 %
		Y	1.97	65.80	11.85		150.0	
		Z	2.09	65.64	12.10		150.0	
10301- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	×	4.51	64.83	17.43	4.17	50.0	± 9.6 %
		Υ	4.60	65.04	17.48		50.0	
		Z	4.65	64.57	17.22	4,000	50.0	
10302- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	Х	5.10	65.99	18.41	4.96	50.0	± 9.6 %
		Y	5.10	65.79	18.25		50.0	
		-	5.22	65.69	18.22		50.0	

10303- AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	X	4.84	65.58	18.24	4.96	50.0	± 9.6 %
		Y	4.84	65.39	18.08		50.0	
10001		Z	4.97	65.32	18.07		50.0	
10304- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	Х	4.67	65.55	17.79	4.17	50.0	± 9.6 %
		Y	4.67	65.38	17.65		50.0	
		Z	4.77	65.17	17.54		50.0	
10305- AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	X	4.24	67.03	19.69	6.02	35.0	± 9.6 %
		Y	4.26	66.87	19.46		35.0	
10306-	THE COLOR	Z	4.31	66.51	19.50		35.0	
AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	X	4.57	66.06	19.20	6.02	35.0	± 9.6 %
		Y	4.59	65.94	19.04		35.0	
10007		Z	4.67	65.74	19.09		35.0	
10307- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	X	4.47	66.26	19.20	6.02	35.0	± 9.6 %
		Y	4.49	66.13	19.03		35.0	
10000		Z	4.57	65.94	19.08		35.0	
10308- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	X	4.44	66.45	19.35	6.02	35.0	± 9.6 %
		Y	4.46	66.31	19.16		35.0	
		Z	4.53	66.07	19.19		35.0	
10309- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	X	4.62	66.29	19.35	6.02	35.0	± 9.6 %
		Y	4.64	66.14	19.17		35.0	
		Z	4.74	66.02	19.26		35.0	
10310- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	4.52	66.13	19.19	6.02	35.0	± 9.6 %
		Y	4.54	66.01	19.02		35.0	
		Z	4.62	65.79	19.05		35.0	
10311- AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	3.87	73.32	18.70	0.00	150.0	± 9.6 %
		Y	3.63	71.97	18.04		150.0	
		Z	3.31	69.67	16.71		150.0	
10313- AAA	IDEN 1:3	X	2.83	70.49	14.67	6.99	70.0	± 9.6 %
		Y	2.55	69.66	14.62		70.0	
		Z	2.88	70.65	15.00		70.0	
10314- AAA	iDEN 1:6	X	4.78	78.67	20.49	10.00	30.0	± 9.6 %
		Y	4.64	78.54	20.75		30.0	
		Z	4.04	76.62	20.15		30.0	
10315- AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	1.18	66.76	17.81	0.17	150.0	± 9.6 %
		Y	1.15	65.72	17.03		150.0	
10010	1	Z	1.09	63.94	15.54		150.0	
10316- AAB	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 96pc duty cycle)	Х	4.64	67.18	16.77	0.17	150.0	± 9.6 %
		Y	4.63	66.99	16.65		150.0	
10047		Z	4.66	66.61	16.38		150.0	
10317- AAB	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	X	4.64	67.18	16.77	0.17	150.0	± 9.6 %
		Y	4.63	66.99	16.65		150.0	
0.100		Z	4.66	66.61	16.38		150.0	
0400- VAC	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	X	4.80	67.69	16.90	0.00	150.0	± 9.6 %
		Y	4.78	67.48	16.77		150.0	
2101		Z	4.81	67.05	16.44		150.0	
0401- AC	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	X	5.47	67.69	16.93	0.00	150.0	± 9.6 %
	28 (1997)	Y	5.48	67.58	16.86		150.0	
		Z	5.48					

10402- AAC	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	X	5.73	68.00	16.93	0.00	150.0	± 9.6 %
		Y	5.73	67.85	16.85		150.0	
		Z	5.76	67.59	16.61		150.0	
10403- AAB	CDMA2000 (1xEV-DO, Rev. 0)	Х	11.87	99.89	25.59	0.00	115.0	± 9.6 %
		Y	4.06	83.99	20.51		115.0	
		Z	1.79	71.21	15.72		115.0	
10404- AAB	CDMA2000 (1xEV-DO, Rev. A)	Х	11.87	99.89	25.59	0.00	115.0	± 9.6 %
		Y	4.06	83.99	20.51		115.0	
		Z	1.79	71.21	15.72		115.0	
10406- AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	Х	100.00	122.35	30.19	0.00	100.0	± 9.6 %
		Υ	100.00	126.63	32.23		100.0	
		Z	100.00	123.73	31.13		100.0	
10410- AAB	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	118.28	28.00	3.23	80.0	± 9.6 %
		Y	27.09	104.51	25.54		80.0	
		Z	16.36	96.41	23.36		80.0	
10415- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	X	1.12	66.17	17.50	0.00	150.0	± 9.6 %
		Y	1.09	65.23	16.74		150.0	
and the same of		Z	1.03	63.35	15.15		150.0	
10416- AAA	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 99pc duty cycle)	X	4.63	67.35	16.85	0.00	150.0	± 9.6 %
	) =	Y	4.62	67.16	16.74		150.0	
		Z	4.63	66.68	16.38		150.0	
10417- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	X	4.63	67.35	16.85	0.00	150.0	± 9.6 %
		Y	4.62	67.16	16.74		150.0	
		Z	4.63	66.68	16.38		150.0	
10418- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	X	4.63	67.55	16.90	0.00	150.0	± 9.6 %
		Y	4.61	67.36	16.78		150.0	
		Z	4.62	66.83	16.39		150.0	
10419- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	Х	4.64	67.48	16.88	0.00	150.0	± 9.6 %
		Y	4.63	67.29	16.77		150.0	
		Z	4.64	66.78	16.40		150.0	
10422- AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	4.75	67.43	16.87	0.00	150.0	± 9.6 %
		Y	4.74	67.25	16.76		150.0	
		Z	4.76	66.79	16.41		150.0	
10423- AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	X	4.93	67.76	16.98	0.00	150.0	± 9.6 %
		Y	4.91	67.57	16.87		150.0	
		Z	4.95	67.13	16.54		150.0	
10424- AAA	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	X	4.85	67.73	16.97	0.00	150.0	± 9.6 %
		Y	4.83	67.54	16.85		150.0	
		Z	4.86	67.08	16.51		150.0	
10425- AAA	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	X	5.43	67.89	17.04	0.00	150.0	± 9.6 %
	10.	Υ	5.44	67.76	16.97		150.0	
		Z	5.46	67.42	16.68		150.0	
10426- AAA	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	X	5.44	67.92	17.05	0.00	150.0	± 9.6 %
		Y	5.45	67.81	16.99		150.0	
		Z	5.46	67.43	16.68		150.0	

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10427- AAA	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)		5.45	67.90	17.03	0.00	150.0	± 9.6 %
-		Y	5.45	67.77	16.96		150.0	
10430-	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	Z	5.47	67.41	16.66		150.0	
AAA	CTE-TOO (OFDMA, 5 MHZ, E-1M 3.1)	×	4.73	73.41	19.79	0.00	150.0	± 9.6 %
		Y	4.79	73.59	19.86		150.0	
10431-	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	Z	4.36	70.67	18.37		150.0	
AAA	CTE-FOD (OFBINA, 10 MHz, E-1M 3.1)	X	4.36	68.20	17.03	0.00	150.0	± 9.6 %
		Y	4.33	67.94	16.86		150.0	
10432-	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	Z	4.34	67.27	16.44		150.0	
AAA	2.2.100 (CF DIVA, 13 MIN2, E-1M 3.1)	X	4.63	67.88	16.98	0.00	150.0	± 9.6 %
		Y	4.61	67.67	16.85		150.0	
10433-	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	Z	4.63	67.13	16.47		150.0	
AAA	21 E-1 BB (GFBINA, 20 MHz, E-1M 3.1)	Х	4.86	67.76	16.99	0.00	150.0	± 9.6 %
		Y	4.85	67.57	16.87		150.0	
10434-	W.CDMA (BC Tool 14 1 1 1 2 2 2 2	Z	4.88	67.12	16.53		150.0	
AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	5.06	75.05	20.08	0.00	150.0	± 9.6 %
		Υ	5.13	75.24	20.14		150.0	
10435-	LTE TDD (SC EDMA 4 DD SSAM)	Z	4.47	71.55	18.40		150.0	
AAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	100.00	117.95	27.84	3.23	80.0	± 9.6 %
		Y	22.70	102.04	24.85		80.0	
10447-	LTE EDD (OFDIA)	Z	15.02	95.18	22.97		80.0	
AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.75	68.85	16.72	0.00	150.0	± 9.6 %
		Y	3.68	68.40	16.42		150.0	
40440		Z	3.65	67.38	15.91		150.0	
10448- AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	Х	4.20	68.01	16.91	0.00	150.0	± 9.6 %
		Υ	4.17	67.74	16.74		150.0	
10110		Z	4.17	67.05	16.30		150.0	
10449- AAA	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	X	4.45	67.75	16.92	0.00	150.0	± 9.6 %
		Y	4.43	67.53	16.77		150.0	
40.450		Z	4.43	66.96	16.37		150.0	
10450- AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.63	67.57	16.88	0.00	150.0	± 9.6 %
		Y	4.61	67.37	16.75		150.0	
		Z	4.62	66.88	16.39		150.0	
10451- AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	X	3.70	69.36	16.49	0.00	150.0	± 9.6 %
		Υ	3.62	68.79	16.13		150.0	
40450	TEEE COO. L.	Z	3.57	67.66	15.62		150.0	
10456- AAA	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	Х	6.28	68.32	17.09	0.00	150.0	± 9.6 %
		Υ	6.30	68.22	17.04		150.0	
10157		Z	6.31	67.97	16.82		150.0	
10457- AAA	UMTS-FDD (DC-HSDPA)	X	3.86	65.95	16.59	0.00	150.0	± 9.6 %
		Y	3.86	65.78	16.47		150.0	
10150	OBM MOSS // E//-	Z	3.84	65.30	16.10		150.0	
10458- AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	X	3.49	68.53	15.82	0.00	150.0	± 9.6 %
		Y	3.39	67.90	15.40		150.0	
10.150		Z	3.40	66.98	15.09		150.0	
10459- NAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	Х	4.50	66.13	16.36	0.00	150.0	± 9.6 %
		Y	4.51	66.03	16.24	_	150.0	

10460- AAA	UMTS-FDD (WCDMA, AMR)	X	2.65	90.67	26.90	0.00	150.0	± 9.6 %
7001		Υ	1.64	80.43	22.67		150.0	
		Z	1.01	70.12	17.45		150.0	
10461- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	×	100.00	124.07	30.69	3.29	80.0	± 9.6 %
		Υ	19.04	102.80	26.09		80.0	
		Z	7.14	88.09	21.95		80.0	
10462- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	0.80	60.00	7.17	3.23	80.0	± 9.6 %
		Y	0.82	60.00	7.80		80.0	
		Z	1.06	61.35	8.74		80.0	
10463- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	0.84	60.00	6.60	3.23	80.0	± 9.6 %
		Υ	0.85	60.00	7.23		80.0	
		Z	0.94	60.00	7.56		80.0	
10464- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	120.00	28.67	3.23	80.0	± 9.6 %
7001	Gr Ort, DE Gabriano Ejoj (17) (0,0)	Υ	10.06	92.78	22.62		80.0	
		Z	5.21	83.07	19.74		80.0	
10465-	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-	X	0.80	60.00	7.09	3.23	80.0	± 9.6 %
AAA	QAM, UL Subframe=2,3,4,7,8,9)	Y	0.82	60.00	7.72	0.20	80.0	2 3.0 70
		Z	1.00	60.84	8.42		80.0	
10100	LIFE TOD (OO FOUN 4 DD 2 MILE CA	_		60.00	6.55	3.23	80.0	± 9.6 %
10466- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.84	22222	2250000	3.23	22.32	± 9.0 %
		Υ	0.85	60.00	7.18		80.0	
		Z	0.95	60.00	7.51		80.0	
10467- AAB	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	120.39	28.84	3.23	80.0	± 9.6 %
		Y	12.50	95.65	23.45		80.0	
		Z	5.70	84.29	20.15		80.0	
10468- AAB	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	0.80	60.00	7.11	3.23	80.0	± 9.6 %
		Υ	0.82	60.00	7.74		80.0	
		Z	1.01	60.95	8.49		80.0	
10469- AAB	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.84	60.00	6.55	3.23	80.0	± 9.6 %
		Υ	0.85	60.00	7.18		80.0	
		Z	0.94	60.00	7.51		80.0	
10470- AAB	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	120.39	28.83	3.23	80.0	± 9.6 %
		Υ	12.57	95.74	23.46		80.0	
		Z	5.68	84.29	20.15		80.0	
10471- AAB	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	0.80	60.00	7.09	3.23	80.0	± 9.6 %
		Υ	0.82	60.00	7.72		80.0	
		Z	1.01	60.91	8.45		80.0	
10472- AAB	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.84	60.00	6.53	3.23	80.0	± 9.6 %
		Υ	0.85	60.00	7.16		80.0	S
		Z	0.94	60.00	7.49		80.0	
10473- AAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	120.34	28.81	3.23	80.0	± 9.6 %
	5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Υ	12.45	95.60	23.42		80.0	
		Z	5.67	84.24	20.13		80.0	
	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-	X	0.80	60.00	7.09	3.23	80.0	± 9.6 %
10474- AAB	OAM_UL_Subframe=2.3.4.7.8.9)				7.72		80.0	
10474- AAB	QAM, UL Subframe=2,3,4,7,8,9)	Y	0.82	60.00				
	QAM, UL Subframe=2,3,4,7,8,9)	Y 7	0.82	60.00				
AAB 10475-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-	Z X	0.82 1.00 0.84	60.00 60.89 60.00	8.44 6.53	3.23	80.0	± 9.6 %
AAB		Z	1.00	60.89	8.44	3.23	80.0	± 9.6 %

10.100							re	oruary 28, 2
10477 AAB	<ul> <li>LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16 QAM, UL Subframe=2,3,4,7,8,9)</li> </ul>			00.00	7.06	3.23	80.0	± 9.6 9
_		Y	0.82	60.00	7.70	_	80.0	
10478	LTE TOD (SO TO)	Z	0.99	60.78			80.0	
AAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)		0.84	60.00		3.23	80.0	
		Y	0.84	60.00	7.15		80.0	
10479-	LTC TOD (OO SELL)	Z	0.94	60.00	7.48		80.0	_
AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	13535	9.29	89.97		3.23	80.0	± 9.6 %
		Y	5.31	81.50	21.26		80.0	
10480-	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz,	Z	3.85	75.61	19.28		80.0	
AAA	16-QAM, UL Subframe=2,3,4,7,8,9)	X	6.99	80.26	18.60	3.23	80.0	± 9.6 %
		Y	4.29	74.27	16.71		80.0	
10481-	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz,	Z	3.88	72.28	16.33		80.0	
AAA	64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.69	74.65	16.25	3.23	80.0	± 9.6 %
		Y	3.36	70.65	14.93		80.0	
10482-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	Z	3.38	70.06	15.09		80.0	-
AAA	QPSK, UL Subframe=2,3,4,7,8,9)	×	3.43	74.68	17.85	2.23	80.0	± 9.6 %
		Y	2.69	71.21	16.47		80.0	
10483-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	Z	2.58	69.80	16.13		80.0	
AAA	16-QAM, UL Subframe=2,3,4,7,8,9)	×	3.89	72.35	16.13	2.23	80.0	± 9.6 %
		Υ	3.08	69.24	14.89		80.0	
10484-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	Z	3.19	69.09	15.25		80.0	
AAA	64-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.62	71.20	15.70	2.23	80.0	± 9.6 %
		Y	2.95	68.43	14.55	1	80.0	
10485-	LTE TDD (00 FDM)	Z	3.12	68.55	15.03		80.0	
AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.72	75.97	19.41	2.23	80.0	± 9.6 %
		Y	3.04	72.80	18.15		80.0	
10486-	LTE TOD (60 FDM)	Z	2.88	70.99	17.45		80.0	
AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.26	70.35	16.59	2.23	80.0	± 9.6 %
		Y	2.94	68.71	15.86		80.0	
10487-	LTE TOD (SO FEEL)	Z	2.94	67.91	15.71		80.0	
AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.24	69.82	16.35	2.23	80.0	± 9.6 %
		Y	2.93	68.31	15.66		80.0	
10488-	LTE TOD (OO FOLL)	Z	2.96	67.63	15.58		80.0	
AAB	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.75	74.05	19.40	2.23	80.0	± 9.6 %
		Υ	3.30	71.82	18.48		80.0	
10489-	LTE-TDD (SC-FDMA, 50% RB, 10 MHz,	Z	3.27	70.77	17.92		80.0	
AAB	16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.45	69.53	17.54	2.23	80.0	± 9.6 %
		Y	3.24	68.40	17.02		80.0	
10490-	LTE-TDD (SC-FDMA, 50% RB, 10 MHz,	Z	3.27	67.77	16.73		80.0	
AAB	64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.53	69.29	17.45	2.23	80.0	± 9.6 %
		Υ	3.33	68.23	16.96		80.0	
0491-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	Z	3.38	67.66	16.70		80.0	
AAB	QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.85	71.88	18.63	2.23	80.0	± 9.6 %
		Y	3.53	70.32	17.97		80.0	
0492-	LTE-TOD (SC EDMA 50% 55 151	Z	3.57	69.69	17.57		80.0	
AB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.75	68.52	17.40	2.23	80.0	± 9.6 %
		Y	3.58	67.65	17.00		80.0	
		Z	3.66	67.31	16.80		_ 0.0	

10493- AAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.81	68.36	17.34	2.23	80.0	± 9.6 %
		Y	3.65	67.53	16.96		80.0	
7.7.7.7		Z	3.73	67.22	16.78	0.00	80.0	
10494- AAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	4.27	73.73	19.22	2.23	80.0	± 9.6 %
	10 To	Y	3.83	71.85	18.46		80.0	
		Z	3.83	71.07	17.98		80.0	
10495- AAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.79	68.95	17.62	2.23	80.0	± 9.6 %
		Y	3.61	68.03	17.20		80.0	
		Z	3.68	67.70	16.97		80.0	
10496- AAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.85	68.62	17.51	2.23	80.0	± 9.6 %
		Y	3.69	67.77	17.12		80.0	1
		Z	3.77	67.47	16.92		80.0	ļ.
10497- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.23	68.78	14.38	2.23	80.0	± 9.6 %
	***************************************	Y	1.83	66.23	13.24		80.0	
		Z	1.96	66.39	13.78		80.0	
10498- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.54	61.72	9.95	2.23	80.0	± 9.6 %
		Y	1.44	60.94	9.50		80.0	
		Z	1.74	62.37	10.84		80.0	
10499- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.48	61.12	9.49	2.23	80.0	± 9.6 %
		Y	1.40	60.45	9.09		80.0	
		Z	1.71	61.96	10.49		80.0	
10500- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.63	74.69	19.24	2.23	80.0	± 9.6 %
		Y	3.09	72.06	18.16		80.0	
		Z	3.00	70.62	17.55		80.0	
10501- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.36	70.08	16.98	2.23	80.0	± 9.6 %
		Y	3.08	68.68	16.35		80.0	
		Z	3.09	67.88	16.12		80.0	
10502- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.41	69.88	16.83	2.23	80.0	± 9.6 %
		Y	3.14	68.54	16.22		80.0	
		Z	3.15	67.79	16.03		80.0	
10503- AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.70	73.81	19.29	2.23	80.0	± 9.6 %
		Y	3.25	71.60	18.37		80.0	
		Z	3.24	70.60	17.83		80.0	
10504- AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.43	69.44	17.48	2.23	80.0	± 9.6 %
		Y	3.22	68,30	16.96		80.0	
		Z	3.26	67.69	16.68	1	80.0	
10505- AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	×	3.51	69.20	17.39	2.23	80.0	± 9.6 %
		Y	3.31	68.13	16.90		80.0	
		Z	3.36	67.58	16.65		80.0	
10506- AAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.23	73.56	19.14	2.23	80.0	± 9.6 %
		Υ	3.80	71.69	18.38		80.0	
		Z	3.80	70.95	17.91	1	80.0	
10507- AAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.77	68.89	17.58	2.23	80.0	± 9.6 %
		Y	3.60	67.96	17.16		80.0	
		1	3.00	07.50	17.10		00.0	

10508- AAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	×	3.84	68.55	17.46	2.23	80.0	± 9.6 9
	, 1. 1-1-1	Y	3.68	67.70	17.07	-	00.0	
		Z	3.76	67.42	16.88	-	80.0	
10509- AAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.46	71.81	18.42	2.23	80.0	± 9.6 %
		Y	4.14	70.49	17.87		80.0	
10510-	LTE TOD (OG STANK)	Z	4.18	69.99	17.52		80.0	
AAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.23	68.48	17.49	2.23	80.0	± 9.6 %
		Y	4.08	67.72	17.15		80.0	
10511-	LTE TOD (00 FOLL)	Z	4.18	67.58	17.00	Annual Control	80.0	
AAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.28	68.18	17.40	2.23	80.0	± 9.6 %
		Y	4.13	67.48	17.08		80.0	
10512-	LTE TOO GO TO	Z	4.23	67.34	16.94		80.0	
AAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.77	73.75	19.04	2.23	80.0	± 9.6 %
		Y	4.32	72.03	18.36		80.0	
10513-	LTE-TDD (SC-FDMA, 100% RB, 20	Z	4.32	/1.40	17.94		80.0	
AAB	MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.13	68.81	17.62	2.23	80.0	±9.6 %
		Y	3.96	67.97	17.25		80.0	
10514- AAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.06	67.83 68.32	17.09	2.23	80.0 80.0	± 9.6 %
		Y	3.99	67.56	17.13		80.0	
		Z	4.08	67.43	16.98		80.0	
10515- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	1.09	66.74	17.81	0.00	150.0	± 9.6 %
		Y	1.06	65.67	16.96		150.0	
10516-	IEEE 000 441 MEEL 0 4 DV VIDOO	Z	1.00	63.59	15.24		150.0	
AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	100.00	180.53	51.62	0.00	150.0	± 9.6 %
		Z	4.17	110.42	33.65		150.0	
10517-	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11	X	0.76	74.81 73.48	19.80		150.0	
AAA	Mbps, 99pc duty cycle)	Y	1.14	70.47	19.20	0.00	150.0	± 9.6 %
		Z	0.87	66.06	16.20		150.0	No. of the last of
10518- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	Х	4.62	67.45	16.84	0.00	150.0 150.0	± 9.6 %
		Y	4.61	67.26	16.73		150.0	
10519-	IFFE COO ALL IN LANGE CO.	Z	4.62	66.76	16.36		150.0	
10519- 1AA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	X	4.81	67.66	16.94	0.00	150.0	± 9.6 %
		Y	4.80	67.47	16.83		150.0	
10520-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18	Z	4.82	67.02	16.49		150.0	
AAA	Mbps, 99pc duty cycle)	X	4.67	67.67	16.90	0.00	150.0	± 9.6 %
		Y	4.65	67.47	16.77		150.0	
0521- AA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.68 4.60	67.00 67.69	16.42 16.90	0.00	150.0 150.0	± 9.6 %
		Y	4.59	67.48	16.77		150.0	
0506		Z	4.61	67.00	16.41		150.0	
0522- .AA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.66	67.77	16.98	0.00	150.0	± 9.6 %
		Υ	4.65	67.57	16.86		150.0	
		Z	4.66	67.04	16.47		150.0	

10523- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.55	67.68	16.85	0.00	150.0	± 9.6 %
		Y	4.53	67.47	16.72		150.0	
		Z	4.54	66.92	16.32		150.0	
10524- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	X	4.61	67.69	16.95	0.00	150.0	± 9.6 %
		Y	4.59	67.49	16.83		150.0	
		Z	4.61	66.97	16.45		150.0	
10525- AAA	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	Х	4.60	66.76	16.55	0.00	150.0	± 9.6 %
		Y	4.59	66.56	16.43		150.0	
		Z	4.58	66.01	16.03		150.0	
10526- AAA	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	X	4.78	67.14	16.69	0.00	150.0	± 9.6 %
		Υ	4.76	66.93	16.57		150.0	
		Z	4.77	66.40	16.18		150.0	
10527- AAA	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	X	4.70	67.13	16.65	0.00	150.0	± 9.6 %
		Υ	4.68	66.91	16.52		150.0	
	<u> </u>	Z	4.69	66.37	16.13		150.0	
10528- AAA	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	Х	4.72	67.14	16.68	0.00	150.0	± 9.6 %
		Y	4.70	66.92	16.55		150.0	
		Z	4.70	66.39	16.16	0.00	150.0	1000
10529- AAA	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	Х	4.72	67.14	16.68	0.00	150.0	± 9.6 %
		Y	4.70	66.92	16.55		150.0	
10531-	IEEE 802.11ac WiFi (20MHz, MCS6,	X	4.70	66.39 67.27	16.16 16.71	0.00	150.0 150.0	± 9.6 %
AAA	99pc duty cycle)	Y	4.69	67.04	16.57		150.0	
		Z	4.09	66.52	16.18		150.0	
10532- AAA	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	4.58	67.15	16.66	0.00	150.0	± 9.6 %
7777	sope daty cycle)	Y	4.56	66.91	16.52		150.0	
		Z	4.56	66.37	16.12		150.0	
10533- AAA	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	4.73	67.20	16.68	0.00	150.0	± 9.6 %
	3000 3000 37007	Y	4.71	66.98	16.55		150.0	
		Z	4.72	66.42	16.14	2723	150.0	
10534- AAA	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	Х	5.23	67.06	16.62	0.00	150.0	± 9.6 %
		Y	5.22	66.89	16.52		150.0	
		Z	5.23	66.50	16.20		150.0	
10535- AAA	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	X	5.30	67.25	16.70	0.00	150.0	± 9.6 %
		Υ	5.29	67.09	16.61		150.0	
		Z	5.30	66.66	16.27		150.0	
10536- AAA	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	5.17	67.24	16.68	0.00	150.0	± 9.6 %
		Υ	5.17	67.06	16.58		150.0	
		Z	5.17	66.63	16.24		150.0	
10537- AAA	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	Х	5.23	67.18	16.65	0.00	150.0	± 9.6 %
		Υ	5.22	67.01	16.56		150.0	
		Z	5.23	66.60	16.22	0	150.0	
10538- AAA	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	X	5.31	67.17	16.68	0.00	150.0	± 9.6 %
		Y	5.30	67.00	16.59		150.0	
		Z	5.33	66.64	16.29	0.00	150.0	1000
10540- AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	X	5.25	67.21	16.72	0.00	150.0	± 9.6 %
	1 - 10 - 01 - 101 - 20	Υ	5.24	67.05	16.63	-	150.0	
		Z	5.25	66.63	16.29		150.0	

10541-	IEEE 802.11ac WiFi (40MHz, MCS7,	X	5.22	67.00	10.01			ruary 28, 2
AAA	99pc duty cycle)		0.22	67.06		0.00	150.0	± 9.6 %
		Y		66.89	.0.00		150.0	
10542-	IEEE 802.11ac WiFi (40MHz, MCS8,	Z	5.22	66.50	1.0.100		150.0	
AAA	99pc duty cycle)	×	5.37	67.10	16.66	0.00	150.0	± 9.6 %
		Y	5.36	66.94	16.58		150.0	
10543-	IEEE 800 44 MIE (4044)	Z	5.37	66.56	16.27		150.0	
AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.44	67.11	16.69	0.00	150.0	± 9.6 %
		Y	5.43	66.96	16.61		150.0	
10544-	IEEE 802.11ac WiFi (80MHz, MCS0,	Z	5.46	66.59	16.30		150.0	
AAA	99pc duty cycle)	×	5.53	67.11	16.57	0.00	150.0	± 9.6 %
		Y	5.53	66.95	16.48		150.0	
10545-	IEEE 802 11aa IMIEI (2011)	Z	5.52	66.60	16.18		150.0	
AAA	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	×	5.73	67.54	16.72	0.00	150.0	± 9.6 %
		Y	5.73	67.40	16.65	-	150.0	
10546-	IEEE 000 44- W/E	Z	5.73	67.03	16.34		150.0	
AAA	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	X	5.60	67.34	16.64	0.00	150.0	± 9.6 %
		Y	5.60	67.17	16.55		150.0	
10547-	IEEE 000 44	Z	5.61	66.85	16.27		150.0	
AAA	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.67	67.36	16.64	0.00	150.0	± 9.6 %
		Y	5.67	67.20	16.56		150.0	
10548-	IEEE 000 44 1405	Z	5.69	66.92	16.30		150.0	
AAA	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	5.93	68.32	17.09	0.00	150.0	± 9.6 %
		Y	5.94	68.21	17.03		150.0	
40550	1-1-1-1	Z	5.99	67.99	16.80		150.0	
10550- AAA	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	×	5.63	67.35	16.66	0.00	150.0	± 9.6 %
		Y	5.63	67.20	16.58		150.0	
10551		Z	5.63	66.83	16.27		150.0	
10551- AAA	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	X	5.64	67.40	16.64	0.00	150.0	± 9.6 %
		Y	5.63	67.24	16.56		150.0	
		Z	5.64	66.89	16.26		150.0	
10552- AAA	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	5.55	67.20	16.55	0.00	150.0	± 9.6 %
		Y	5.54	67.03	16.46		150.0	
		Z	5.54	66.67	16.16		150.0	
10553- AAA	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.63	67.21	16.58	0.00	150.0	± 9.6 %
		Y	5.62	67.04	16.50		150.0	
10554-	1555 1000 11	Z	5.63	66.72	16.21		150.0	
10554- AAA	IEEE 1602.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	5.94	67.43	16.62	0.00	150.0	± 9.6 %
		Y	5.94	67.28	16.54		150.0	
OFFE	IEEE 1000 11	Z	5.93	66.97	16.27		150.0	
10555- AAA	IEEE 1602.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	6.07	67.74	16.74	0.00	150.0	± 9.6 %
		Y	6.07	67.60	16.67		150.0	
DEEC	IEEE 4000 44	Z	6.07	67.28	16.40		150.0	
0556- \AA	IEEE 1602.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	X	6.09	67.79	16.76	0.00	150.0	± 9.6 %
		Y	6.10	67.65	16.69		150.0	
0557	IEEE 4000 4	Z	6.09	67.32	16.42		150.0	
0557- AA	IEEE 1602.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	6.06	67.69	16.73	0.00	150.0	± 9.6 %
		Y	6.06	67.53	16.65	-	150.0	

10558- AAA	IEEE 1602.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	6.11	67.86	16.83	0.00	150.0	± 9.6 %
	cope daily ejailey	Y	6.11	67.70	16.75		150.0	
		Z	6.11	67.43	16.50		150.0	
10560- AAA	IEEE 1602.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	6.10	67.69	16.78	0.00	150.0	± 9.6 %
		Y	6.09	67.53	16.70		150.0	
		Z	6.11	67.26	16.46		150.0	
10561- AAA	IEEE 1602.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	6.02	67.67	16.81	0.00	150.0	± 9.6 %
	i i i i i i i i i i i i i i i i i i i	Y	6.02	67.52	16.74		150.0	
		Z	6.02	67.23	16.48		150.0	
10562- AAA	IEEE 1602.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	X	6.14	68.05	17.00	0.00	150.0	± 9.6 %
		Y	6.14	67.90	16.92		150.0	
		Z	6.17	67.68	16.71		150.0	
10563- AAA	IEEE 1602.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	X	6.34	68.25	17.05	0.00	150.0	± 9.6 %
		Y	6.33	68.05	16.95		150.0	
		Z	6.53	68.29	16.96		150.0	
10564- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 99pc duty cycle)	X	4.92	67.37	16.88	0.46	150.0	± 9.6 %
		Υ	4.92	67.19	16.77		150.0	
		Z	4.95	66.82	16.50		150.0	
10565- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	X	5.16	67.82	17.20	0.46	150.0	± 9.6 %
		Y	5.15	67.67	17.11		150.0	
		Z	5.19	67.29	16.82		150.0	
10566- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 99pc duty cycle)	Х	4.99	67.69	17.04	0.46	150.0	± 9.6 %
		Y	4.98	67.52	16.93		150.0	
		Z	5.02	67.14	16.65		150.0	
10567- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 99pc duty cycle)	Х	5.03	68.14	17.42	0.46	150.0	± 9.6 %
		Y	5.03	67.99	17.34		150.0	
		Z	5.05	67.52	16.98		150.0	
10568- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 99pc duty cycle)	Х	4.90	67.43	16.78	0.46	150.0	± 9.6 %
		Y	4.88	67.22	16.65		150.0	
		Z	4.93	66.88	16.40		150.0	
10569- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 99pc duty cycle)	Х	4.99	68.25	17.49	0.46	150.0	± 9.6 %
		Y	4.99	68.11	17.42		150.0	
		Z	4.99	67.54	17.00		150.0	2
10570- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 99pc duty cycle)	X	5.02	68.07	17.42	0.46	150.0	± 9.6 %
		Y	5.02	67.92	17.33		150.0	
		Z	5.04	67.43	16.97		150.0	
10571- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	X	1.23	66.82	17.69	0.46	130.0	± 9.6 %
		Y	1.19	65.64	16.86		130.0	
		Z	1.15	64.25	15.67		130.0	
10572- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.26	67.71	18.22	0.46	130.0	± 9.6 %
,		Υ	1.21	66.42	17.35		130.0	
		Z	1.16	64.81	16.02		130.0	
10573- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	100.00	165.75	46.45	0.46	130.0	± 9.6 %
		Y	26.49	136.87	39.30		130.0	
		Z	2.06	86.85	24.05		130.0	
10574- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	Х	1.83	80.01	24.13	0.46	130.0	± 9.6 %
		Y	1.56	76.09	22.22		130.0	
		Z	1.27	70.56	18.99		130.0	

10575-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	X	1 4 07					ruary 28, 2
AAA	OFDM, 6 Mbps, 90pc duty cycle)		,,	67.04		0.46	130.0	± 9.6
		Y	4.67	66.86	10.12		130.0	
10576-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	Z	4.71	66.52			130.0	
AAA	OFDM, 9 Mbps, 90pc duty cycle)	X	4.71	67.23	16.91	0.46	130.0	
		Y	4.70	67.06	16.81		130.0	
10577-	IEEE 800 44 - WEE 8 4 51	Z	4.73	66.67	16.54		130.0	
AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 90pc duty cycle)	X	4.91	67.51	17.07	0.46	130.0	± 9.6 %
_		Y	4.90	67.35	16.98		130.0	
10578-	IEEE 900 44 - W/E/ 0 4 000 / F	Z	4.95	66.99	16.72		130.0	
AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 90pc duty cycle)	X	4.82	67.72	17.21	0.46	130.0	± 9.6 %
		Y	4.81	67.57	17.12		130.0	
10579-	IEEE 800 44 - WEE: 0 4 601 45	Z	4.85	67.15	16.81		130.0	
AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 90pc duty cycle)	X	4.56	66.94	16.47	0.46	130.0	± 9.6 %
2 - 2 - 2		Y	4.55	66.71	16.33		130.0	
10580-	IEEE 902 11a WIE 2 1 211	Z	4.61	66.47	16.14		130.0	
AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 90pc duty cycle)	X	4.61	66.97	16.49	0.46	130.0	± 9.6 %
		Y	4.59	66.74	16.35		130.0	
10581-	IEEE 200 44 INIELS 4 SH	Z	4.66	66.48	16.16		130.0	
AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 90pc duty cycle)	X	4.72	67.79	17.17	0.46	130.0	± 9.6 %
		Y	4.71	67.62	17.07		130.0	
10582-	IEEE 000 44 1400	Z	4.74	67.18	16.74		130.0	
AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 90pc duty cycle)	Х	4.50	66.68	16.25	0.46	130.0	± 9.6 %
		Y	4.48	66.43	16.09		130.0	
40500	1555	Z	4.56	66.24	15.95		130.0	
10583- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.67	67.04	16.83	0.46	130.0	± 9.6 %
		Y	4.67	66.86	16.72		130.0	
10501		Z	4.71	66.52	16.47		130.0	
10584- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.71	67.23	16.91	0.46	130.0	± 9.6 %
		Y	4.70	67.06	16.81		130.0	
10505		Z	4.73	66.67	16.54		130.0	
10585- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	×	4.91	67.51	17.07	0.46	130.0	± 9.6 %
		Y	4.90	67.35	16.98		130.0	
40500		Z	4.95	66.99	16.72		130.0	
10586- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	4.82	67.72	17.21	0.46	130.0	± 9.6 %
		Y	4.81	67.57	17.12		130.0	
1050-		Z	4.85	67.15	16.81		130.0	
10587- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	Х	4.56	66.94	16.47	0.46	130.0	± 9.6 %
		Y	4.55	66.71	16.33		130.0	
10500	IEEE OOO III OOO	Z	4.61	66.47	16.14		130.0	
10588- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	Х	4.61	66.97	16.49	0.46	130.0	± 9.6 %
		Y	4.59	66.74	16.35		130.0	
0589-	1555 000 11 - 1155	Z	4.66	66.48	16.16		130.0	
0589- NAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	X	4.72	67.79	17.17	0.46	130.0	± 9.6 %
		Y	4.71	67.62	17.07		130.0	
0500	1555 000 44 11 11 11 11 11 11 11 11 11 11 11 11	Z	4.74	67.18	16.74		130.0	
0590- \AA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	Х	4.50	66.68	16.25	0.46	130.0	± 9.6 %
		Y	4.48	66.43	16.09		130.0	
		Z						

10591- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.82	67.08	16.92	0.46	130.0	± 9.6 %
I.W. N. J.		Y	4.82	66.93	16.82		130.0	
10592-	IEEE 802.11n (HT Mixed, 20MHz,	Z X	4.86 4.98	66.58 67.42	16.57 17.05	0.46	130.0	± 9.6 %
AAA	MCS1, 90pc duty cycle)	Y	4.98	67.27	16.96		130.0	
		Z	5.02	66.92	16.70	_	130.0	
10593- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	X	4.90	67.33	16.70	0.46	130.0	± 9.6 %
		Y	4.89	67.16	16.83		130.0	
		Z	4.95	66.85	16.59		130.0	11 -11-
10594- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	4.96	67.51	17.09	0.46	130.0	± 9.6 %
		Y	4.95	67.35	17.00		130.0	12-2-
		Z	5.00	67.00	16.74		130.0	
10595- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	4.92	67.46	16.99	0.46	130.0	± 9.6 %
		Y	4.92	67.30	16.89		130.0	
		Z	4.97	66.96	16.64		130.0	
10596- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	X	4.86	67.47	17.00	0.46	130.0	± 9.6 %
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Y	4.85	67.29	16.89		130.0	
		Z	4.91	66.96	16.64		130.0	
10597- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	X	4.81	67.37	16.88	0.46	130.0	± 9.6 %
		Y	4.80	67.18	16.77		130.0	
		Z	4.86	66.88	16.53		130.0	
10598- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	4.80	67.65	17.17	0.46	130.0	± 9.6 %
		Y	4.79	67.48	17.07		130.0	
		Z	4.83	67.11	16.79		130.0	
10599- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.49	67.56	17.07	0.46	130.0	± 9.6 %
		Y	5.50	67.45	17.01		130.0	
		Z	5.53	67.16	16.78		130.0	
10600- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	5.62	67.95	17.23	0.46	130.0	± 9.6 %
	THE STATE OF THE S	Y	5.64	67.88	17.19		130.0	
To a constant		Z	5.71	67.70	17.02		130.0	
10601- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	5.51	67.72	17.14	0.46	130.0	± 9.6 %
		Y	5.52	67.61	17.08		130.0	
		Z	5.57	67.38	16.88		130.0	
10602- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	×	5.60	67.73	17.05	0.46	130.0	± 9.6 %
		Y	5.62	67.63	17.00		130.0	
	6-	Z	5.66	67.37	16.79		130.0	
10603- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.69	68.05	17.35	0.46	130.0	± 9.6 %
		Y	5.70	67.96	17.30		130.0	
		Z	5.75	67.69	17.08		130.0	
10604- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	X	5.50	67.54	17.08	0.46	130.0	± 9.6 %
		Y	5.52	67.44	17.03		130.0	
		Z	5.54	67.12	16.78	0.15	130.0	
10605- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	5.60	67.84	17.23	0.46	130.0	± 9.6 %
		Y	5.62	67.74	17.17		130.0	
		Z	5.65	67.47	16.96	0.10	130.0	
10606- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	X	5.35	67.17	16.75	0.46	130.0	± 9.6 %
		Y	5.35	67.01	16.66		130.0	
		Z	5.42	66.90	16.54		130.0	

10607- AAA	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.68	66.48	16.59	0.46	130.0	± 9.6 %
		Y	4.68	66.31	16.49		130.0	_
10608-	1555	Z	4.70	65.89	16.19		130.0	
AAA	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.87	66.90	16.76	0.46	130.0	± 9.6 %
		Y	4.86	66.72	16.66		130.0	
10609-	IEEE 000 44 1405	Z	4.90	66.31	16.36		130.0	
AAA	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	X	4.76	66.76	16.60	0.46	130.0	± 9.6 %
		Y	4.75	66.56	16.49		130.0	
10610-	IEEE 802.11ac WiFi (20MHz, MCS3,	Z	4.78	66.17	16.21		130.0	
AAA	90pc duty cycle)	×	4.81	66.92	16.77	0.46	130.0	± 9.6 %
		Y	4.80	66.74	16.66		130.0	
10611-	IEEE 802.11ac WiFi (20MHz, MCS4,	Z	4.83	66.32	16.36		130.0	
AAA	90pc duty cycle)	X	4.73	66.72	16.61	0.46	130.0	± 9.6 %
		Y	4.71	66.52	16.50		130.0	
10612-	IEEE 802.11ac WiFi (20MHz, MCS5,	Z	4.75	66.14	16.21		130.0	
AAA	90pc duty cycle)	X	4.74	66.89	16.66	0.46	130.0	± 9.6 %
		Y	4.72	66.67	16.53		130.0	
10613-	IEEE 802.11ac WiFi (20MHz, MCS6,	Z	4.77	66.30	16.26		130.0	
AAA	90pc duty cycle)	X	4.74	66.75	16.54	0.46	130.0	± 9.6 %
		Y	4.72	66.54	16.41		130.0	
10614-	IEEE 802.11ac WiFi (20MHz, MCS7,	Z	4.77	66.20	16.16		130.0	
AAA	90pc duty cycle)	Х	4.69	66.99	16.80	0.46	130.0	± 9.6 %
		Y	4.68	66.80	16.69		130.0	
10615-	IEEE 900 44 MIEI (0014)	Z	4.71	66.37	16.38		130.0	
AAA	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	4.72	66.52	16.37	0.46	130.0	± 9.6 %
		Y	4.70	66.30	16.23		130.0	
10616-	IEEE 000 44 - IN/E/ (4014)	Z	4.75	65.97	16.00		130.0	
AAA	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	5.33	66.87	16.72	0.46	130.0	± 9.6 %
		Y	5.33	66.73	16.64		130.0	
10617-	IEEE 000 44 MINISTRA	Z	5.36	66.43	16.40		130.0	
AAA	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	X	5.40	67.05	16.78	0.46	130.0	± 9.6 %
		Y	5.40	66.92	16.71		130.0	
10618-	IEEE COO AL	Z	5.42	66.57	16.43		130.0	
10618- AAA	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	5.28	67.09	16.82	0.46	130.0	± 9.6 %
		Y	5.29	66.95	16.74		130.0	
10619-	IEEE 902 44cc MIE: (40MIL- 4100-	Z	5.31	66.61	16.47		130.0	
AAA	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.29	66.86	16.64	0.46	130.0	± 9.6 %
		Υ	5.29	66.71	16.55		130.0	
10620-	IEEE 902 44co MIE: (40MI - 1:22:	Z	5.33	66.45	16.33		130.0	
AAA	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.38	66.89	16.69	0.46	130.0	±9.6 %
		Υ	5.38	66.74	16.61		130.0	
0621-	IEEE 902 11co WiF: /40MIL NOCE	Z	5.43	66.51	16.41		130.0	
VAA	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.39	67.04	16.89	0.46	130.0	± 9.6 %
		Y	5.39	66.92	16.83		130.0	
0622-	IEEE 000 44 WIEI (400 H)	Z	5.41	66.58	16.56		130.0	
0622- AA	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	5.40	67.22	16.97	0.46	130.0	± 9.6 %
		Y	5.41	67.10	16.91		130.0	
		Z	5.43	66.74				

10623- AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.27	66.71	16.59	0.46	130.0	± 9.6 %
	dia	Y	5.27	66.56	16.51		130.0	
		Z	5.30	66.28	16.28		130.0	
10624- AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	Х	5.46	66.89	16.74	0.46	130.0	± 9.6 %
		Y	5.47	66.76	16.67		130.0	
- /h		Z	5.50	66.49	16.45	-	130.0	
10625- AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	5.83	67.86	17.27	0.46	130.0	± 9.6 %
	oope addy dystay	Y	5.83	67.74	17.21		130.0	
		Z	5.92	67.60	17.05		130.0	
10626- AAA	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.62	66.89	16.64	0.46	130.0	± 9.6 %
		Y	5.62	66.76	16.57		130.0	
		Z	5.63	66.48	16.34		130.0	
10627- AAA	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	Х	5.86	67.46	16.88	0.46	130.0	± 9.6 %
		Y	5.88	67.36	16.83		130.0	
		Z	5.89	67.07	16.59		130.0	
10628- AAA	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.65	66.98	16.58	0.46	130.0	± 9.6 %
		Y	5.65	66.82	16.50		130.0	
		Z	5.69	66.63	16.31		130.0	
10629- AAA	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	5.72	67.02	16.59	0.46	130.0	± 9.6 %
		Y	5.72	66.87	16.51	J	130.0	
ka - ac - a		Z	5.78	66.71	16.35		130.0	
10630- AAA	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	X	6.16	68.54	17.34	0.46	130.0	± 9.6 %
		Y	6.20	68.48	17.31		130.0	
		Z	6.30	68.46	17.22	el or more	130.0	207-10/20
10631- AAA	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	6.07	68.39	17.47	0.46	130.0	± 9.6 %
		Y	6.09	68.29	17.43		130.0	
		Z	6.15	68.11	17.23		130.0	
10632- AAA	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	Х	5.83	67.54	17.06	0.46	130.0	± 9.6 %
		Y	5.85	67.46	17.03		130.0	
		Z	5.85	67.10	16.75		130.0	
10633- AAA	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	Х	5.72	67.16	16.70	0.46	130.0	± 9.6 %
		Y	5.72	67.00	16.62	4-7-	130.0	
		Z	5.75	66.79	16.42		130.0	
10634- AAA	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	5.70	67.20	16.78	0.46	130.0	± 9.6 %
		Y	5.70	67.06	16.71		130.0	
	7	Z	5.74	66.80	16.49		130.0	
10635- AAA	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.57	66.46	16.13	0.46	130.0	± 9.6 %
		Y	5.56	66.27	16.02		130.0	
		Z	5.63	66.18	15.91		130.0	
10636- AAA	IEEE 1602.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	6.03	67.22	16.70	0.46	130.0	± 9.6 %
	20 77 - 16.2	Y	6.04	67.10	16.64		130.0	
		Z	6.05	66.88	16.44		130.0	
10637- AAA	IEEE 1602.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	6.19	67.61	16.87	0.46	130.0	± 9.6 %
		Y	6.20	67.51	16.82		130.0	
		Z	6.22	67.27	16.62		130.0	
10638- AAA	IEEE 1602.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	6.19	67.59	16.83	0.46	130.0	± 9.6 %
		Y	6.20	67.46	16.78		130.0	
		Z		67.24				

10639-	IEEE 1602.11ac WiFi (160MHz, MCS3,	X	6.16	67.54	16.86	0.40	1000	
AAA	90pc duty cycle)	250	200.000		10.00	0.46	130.0	± 9.6 %
		Y	6.17	67.41	16.80		130.0	
10640-	IEEE 1000 11	Z	6.20	67.21	16.61		130.0	
AAA	IEEE 1602.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	6.17	67.54	16.80	0.46	130.0	± 9.6 %
		Y	6.17	67.40	16.73		130.0	
10641-	1555 1211	Z	6.22	67.26	16.58		130.0	
AAA	IEEE 1602.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	X	6.21	67.43	16.76	0.46	130.0	± 9.6 %
		Y	6.22	67.31	16.70		130.0	
10010		Z	6.24	67.08	16.51		130.0	
10642- AAA	IEEE 1602.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	X	6.26	67.71	17.07	0.46	130.0	± 9.6 %
		Y	6.27	67.60	17.03		130.0	
10010		Z	6.29	67.37	16.82		130.0	
10643- AAA	IEEE 1602.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	6.09	67.38	16.81	0.46	130.0	± 9.6 %
		Y	6.10	67.25	16.74		130.0	
10011		Z	6.12	67.06	16.56		130.0	
10644- AAA	IEEE 1602.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	6.25	67.88	17 08	0.46	130.0	± 9.6 %
		Y	6.25	67.74	17.00		130.0	
		Z	6.33	67.68	16.90		130.0	
10645- AAA	IEEE 1602.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	Х	6.55	68.37	17.27	0.46	130.0	± 9.6 %
		Y	6.54	68.18	17.17		130.0	
10010		Z	6.80	68.63	17.32		130.0	
10646- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	18.88	108.90	36.09	9.30	60.0	± 9.6 %
		Y	10.51	95.11	31.52		60.0	
		Z	15.74	104.14	34.86		60.0	
10647- AAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	Х	16.14	106.23	35.44	9.30	60.0	± 9.6 %
		Y	9.40	93.35	31.06		60.0	
		Z	13.93	102.09	34.34		60.0	
10648- AAA	CDMA2000 (1x Advanced)	Х	1.87	78.41	18.23	0.00	150.0	± 9.6 %
		Y	1.05	69.95	14.53		150.0	
		Z	0.80	65.00	12.17		150.0	

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

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# IMPORTANT NOTICE

# **USAGE OF THE DAE 4**

The DAE unit is a delicate, high precision instrument and requires careful treatment by the user. There are no serviceable parts inside the DAE. Special attention shall be given to the following points:

Battery Exchange: The battery cover of the DAE4 unit is closed using a screw, over tightening the screw may cause the threads inside the DAE to wear out.

Shipping of the DAE: Before shipping the DAE to SPEAG for calibration, remove the batteries and pack the DAE in an antistatic bag. This antistatic bag shall then be packed into a larger box or container which protects the DAE from impacts during transportation. The package shall be marked to indicate that a fragile instrument is inside.

**E-Stop Failures**: Touch detection may be malfunctioning due to broken magnets in the E-stop. Rough handling of the E-stop may lead to damage of these magnets. Touch and collision errors are often caused by dust and dirt accumulated in the E-stop. To prevent E-stop failure, the customer shall always mount the probe to the DAE carefully and keep the DAE unit in a non-dusty environment if not used for measurements.

Repair: Minor repairs are performed at no extra cost during the annual calibration. However, SPEAG reserves the right to charge for any repair especially if rough unprofessional handling caused the defect.

**DASY Configuration Files:** Since the exact values of the DAE input resistances, as measured during the calibration procedure of a DAE unit, are not used by the DASY software, a nominal value of 200 MOhm is given in the corresponding configuration file.

## Important Note:

Warranty and calibration is void if the DAE unit is disassembled partly or fully by the Customer.

### Important Note:

Never attempt to grease or oil the E-stop assembly. Cleaning and readjusting of the E-stop assembly is allowed by certified SPEAG personnel only and is part of the annual calibration procedure.

### Important Note:

To prevent damage of the DAE probe connector pins, use great care when installing the probe to the DAE. Carefully connect the probe with the connector notch oriented in the mating position. Avoid any rotational movement of the probe body versus the DAE while turning the locking nut of the connector. The same care shall be used when disconnecting the probe from the DAE.