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10402- AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	X	5.47	67.39	16.42	0.00	150.0	± 9.6 %
		Y	5.37	67.08	16.25		150.0	
_		Z	5.37	67.35	16.39		150.0	
10403- AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	1.01	65.74	11.23	0.00	115.0	± 9.6 %
		Y	0.67	61.70	8.06		115.0	
		Z	0.69	62.65	8.67		115.0	
10404- AAB	CDMA2000 (1xEV-DO, Rev. A)	×	1.01	65.74	11.23	0.00	115.0	± 9.6 %
		Y	0.67	61.70	8.06	_	115.0	
		Z	0.69	62.65	8.67		115.0	
10406- AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	×	13.40	94.87	22.42	0.00	100.0	±9.6 %
		Y	37.24	104.89	24.38		100.0	
		Z	100.00	114.79	25.79		100.0	
10410- AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	×	2.95	79.35	18.40	3.23	80.0	± 9.6 %
		Y	3.69	82.30	19.32		80.0	1
		Z	3.87	84.90	20.56	2220	80.0	
10415- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	×	1.00	63.14	14.62	0.00	150.0	± 9.6 %
		Y	0.91	62.12	13.65		150.0	
	The second s	Z	0.99	63.08	14.44		150.0	
10416- AAA	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 99pc duty cycle)	X	4.35	66.77	16.19	0.00	150.0	± 9.6 %
		Y	4.23	66.41	15.93		150.0	
		Z	4.24	66.81	16.11	111111	150.0	
	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	×	4.35	66.77	16.19	0.00	150.0	±9.6 %
		Y	4.23	66.41	15.93		150.0	
		Z	4.24	66.81	16.11		150.0	
10418- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	x	4.35	66.98	16.25	0.00	150.0	± 9.6 %
		Y	4.23	66.61	15.99	_	150.0	
Contraction of		Z	4.23	67.03	16.19	11100000	150.0	
10419- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	x	4.36	66.91	16.23	0.00	150.0	±9.6 %
		Y	4.24	66.55	15.97		150.0	
		Z	4.25	66.96	16.17		150.0	
10422- AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	×	4.47	66.89	16.24	0.00	150.0	± 9.6 %
		Y	4,35	66.53	15.99		150.0	
		Z	4.35	66.92	16.18		150.0	-
10423- AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	×	4.59	67.14	16.33	0.00	150.0	± 9.6 %
	a anna an an tar 1618 an an an an an Arthur	Y	4.47	66.78	16.08		150.0	
		Z	4,46	67.16	16.25		150.0	
10424- AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	X	4.52	67.09	16,31	0.00	150.0	± 9.6 %
		Y	4.40	66.73	16.05		150.0	
		Z	4.39	67.09	16.23		150.0	
10425- AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	×	5.15	67.27	16.49	0.00	150.0	± 9.6 %
		Y	5.05	66.98	16.31		150.0	1.000
		Z	5.01	67.17	16.41		150.0	
10426- AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	×	5.17	67.36	16,53	0.00	150.0	± 9.6 %
AB	a successful to the second	1.1.1.1	10.00.00	07.40	40.00		470.0	
	and the second se	Y	5.08	67.12	16.38		150.0	

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10427- AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	X	5.13	67.15	16.42	0.00	150.0	± 9.6 %
		Y	5.03	66.85	16.24		150.0	-
	and the second	Z	5.01	67.11	16.38	_	150.0	
10430- AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	×	4.23	72.27	18.34	0.00	150.0	± 9.6 %
		Y	3.99	71.49	17.71		150.0	
	a lost and the second	Z	4.17	72.80	18.15		150.0	
10431- AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	x	3.96	67.36	16.06	0.00	150.0	± 9.6 %
		Y	3.81	66.88	15.67		150.0	
	and the second sec	Z	3.81	67.37	15.87		150.0	
10432- AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	x	4.29	67.19	16.23	0.00	150.0	± 9.6 %
		Y	4.15	66.79	15.93		150.0	
_		Z	4.15	67.22	16.13		150.0	
10433- AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	×	4.54	67.13	16.33	0.00	150.0	± 9.6 %
		Y	4.42	66.76	16.08		150.0	
		Z	4.41	67.14	16.25	-	150.0	
10434-	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.34	73.15	18.13	0.00	150.0	± 9.6 %
AAA		Y	3.97	71.83	17.20	0.000	150.0	
		Z	4.17	73.19	17.60		150.0	-
10435-	LTE-TDD (SC-FDMA, 1 RB, 20 MHz,	X	2.84	78.74	18.13	3.23	80.0	± 9.6 %
AAC	QPSK, UL Subframe=2,3,4,7,8,9)	Y	3.48	81.45	18.98	3.23	80.0	1 9.0 %
		Z	3.64	83.98	20.20		80.0	
10447- AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.20	67.15	14.91	0.00	150.0	± 9.6 %
	Coppose Coop	Y	2.99	66.28	14.17		150.0	
		Ż	2.97	66.77	14.26		150.0	
10448- AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	x	3.83	67.16	15.94	0.00	150.0	± 9.6 %
A464.05		Y	3.68	66.67	15.55		150.0	
		Z	3.69	67.18	15.75		150.0	
10449- AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	X	4.13	67.03	16.13	0.00	150.0	±9.6 %
		Y	4.00	66.61	15.83		150.0	
		Z	4.00	67.05	16.03		150.0	
10450- AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	×	4.34	66.91	16.19	0.00	150.0	± 9.6 %
		Y	4.22	66.53	15.92		150.0	
		Z	4.23	66.92	16,11		150.0	
10451- AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	×	2,99	66.88	14.14	0.00	150.0	± 9.6 %
	and a state of the second s	Y	2.74	65.78	13.23		150.0	
		Z	2.69	66.07	13.18		150.0	
10456- AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	x	6.06	67.78	16.63	0.00	150.0	±9.6 %
		Y	6.00	67.55	16.51	-	150.0	
		Z	6.07	68.05	16.78		150.0	
10457- AAA	UMTS-FDD (DC-HSDPA)	×	3.71	65.53	15.92	0.00	150.0	± 9.6 %
		Y	3.61	65.20	15.66		150.0	
		Z	3.65	65.68	15.87		150.0	
10458- AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	×	3.70	71.13	16.64	0.00	150.0	± 9.6 %
		Y	3.25	69.16	15.28	-	150.0	
		Z	3.15	69.17	14.95		150.0	
10459- AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	×	4.84	69.11	17.84	0.00	150.0	± 9.6 %
		Y	4.69	68.77	17.48		150.0	
		A	4.00	00,11	11-10		150.0	

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10460- AAA	UMTS-FDD (WCDMA, AMR)	x	0.88	68.39	16.07	0.00	150.0	±9.6 %
		Y	0.70	65.56	13.77	-	150.0	
		Z	0.84	67.99	15.62		150.0	-
10461- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	1.57	72.49	16.91	3.29	80.0	± 9.6 %
		Y	2.31	77.86	18.85		80.0	-
_		Z	1.89	76.90	18.97	_	80.0	-
10462-	LTE TOD /CC EDMA 4 DD 4 4 MUS		0.65	60.00	7.36	2.02	80.0	1000
AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	3870755 L	10001000	142.57.09	3.23		± 9.6 %
		Y	0.67	60.00	7.26		80.0	
		Z	0.57	60.00	7.02		80.0	
10463- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	×	0.67	60.00	6.67	3.23	80.0	± 9.6 %
		Y	0.68	60,00	6.58		80.0	
		Z	0.60	60.00	6.22		80.0	1
10464- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	1.23	69.24	14.93	3.23	80.0	± 9.6 %
	ar and ac additional claim later	Y	1.59	72.66	16.19		80.0	-
		Z	1.42	72.83	16.69		80.0	
10465	ITE TOD (SC EDMA 4 DD 2 MUL 40				7.28	2.02		+000
10465- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	×	0.65	60.00		3.23	80.0	± 9.6 %
		Y	0.67	60.00	7.19		80.0	
the state of the s		Z	0.57	60.00	6.95	-	80.0	
10466- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.67	60.00	6.62	3.23	80.0	± 9.6 %
	Party with his concernence of the second second second	Y	0.69	60.00	6.54		80.0	
-		Z	0.60	60.00	6.18		80.0	
10467- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.28	69.83	15.22	3.23	80.0	± 9.6 %
		Y	1.71	73.64	16.62		80.0	
_		Z	1.51	73.74	17.10		80.0	
10468- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	0.65	60.00	7.31	3.23	80.0	± 9.6 %
nno	Grun, OC Subirano-2,5,4,7,0,5)	Y	0.66	60.00	7.22		80.0	-
		Z	0.57				80.0	
10469-	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-	X	0.67	60.00 60.00	6.98 6.62	3.23	80.0	± 9.6 %
AAC	QAM, UL Subframe=2,3,4,7,8,9)		0.00	00.00	0.54	_	00.0	
-		Y	0.68	60.00	6.54		80.0	
		Z	0.60	60.00	6.18		80.0	
10470- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	1.27	69.83	15.21	3.23	80.0	± 9.6 %
0100667		Y	1.71	73.66	16.62		80.0	
		Z	1.50	73.77	17.11		80.0	
10471- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	x	0.65	60.00	7.29	3.23	80.0	± 9.6 %
	over and the second s	Y	0.66	60.00	7.20		80.0	
_		Z	0.57	60.00	6.96		80.0	
10472- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.67	60.00	6.60	3.23	80.0	± 9.6 %
1000		Y	0.68	60.00	6.52		80.0	
		Z	0.31	55.91	4.03		80.0	-
10473-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz,	and the second sec		69.80		2.02		+0.0 %
10473- AAC	QPSK, UL Subframe=2,3,4,7,8,9)	X	1.27		15.19	3.23	80.0	± 9.6 %
_		Y	1.70	73.59	16.59		80.0	
		Z	1.50	73.71	17.08		80.0	
10474- AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	x	0.65	60.00	7.29	3.23	80.0	± 9.6 %
		Y	0.66	60.00	7.20		80.0	
		Z	0.57	60.00	6.96	-	80.0	100
10475- AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.67	60.00	6.60	3.23	80.0	± 9.6 %
	Ser (17) SE WORTON (2,0,7) (10,0)	Y	0.68	60.00	6.52		80.0	-
		Z	0.88	55.90	4.03	_	80.0	

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10477-	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-	X	0.65	60.00	7.26	3.23	80.0	±9.6 %
AAC	QAM, UL Subframe=2,3,4,7,8,9)	1000				5.25	-032500	1 9.0 %
		Y	0.66	60.00	7.17		80.0	
	No. of the second se	Z	0.57	60.00	6.93		80.0	-
10478- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	0.67	60.00	6.59	3.23	80.0	± 9.6 %
		Y	0.68	60.00	6.51		80.0	
		Z	0.31	55.89	4.01		80.0	
10479-	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz,	X	3.24	76.16	18.67	3.23	80.0	± 9.6 %
AAA	QPSK, UL Subframe=2,3,4,7,8,9)	2255	13121-1	182028	199397	3.20	10000	19.0 %
		Y	4.42	80.82	20.23		80.0	
_	the second se	Z	4.39	82.21	20.82		80.0	10
10480- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.03	66.76	12.73	3.23	80.0	± 9.6 %
		Y	2.05	66.92	12.60		80.0	
		Z	1.85	67.01	12.43		80.0	
10481-	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz,	X	1.62	63.96	11.04	3.23	80.0	± 9.6 %
AAA	64-QAM, UL Subframe=2,3,4,7,8,9)		7.84					
		Y	1.57	63.66	10.70	-	80.0	
		Z	1.32	63.18	10.24		80.0	
10482- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	1.53	65.20	12.69	2.23	80.0	± 9.6 %
040400	CONTRACTOR CONTRACTOR CONTRACTOR	Y	1.10	61.56	10.21		80.0	
		Z	1.14	62.42	10.54	_	80.0	
10483-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	X	1.45	61.38	9.71	2.23	80.0	± 9.6 %
AAA	16-QAM, UL Subframe=2,3,4,7,8,9)		10.2332411		- Internet	2.20		1 9.0 %
		Y	1.32	60.52	8.97	_	80.0	
		Z	1.16	60.00	8.17		80.0	
10484- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.44	61.07	9.53	2.23	80.0	± 9.6 %
Contract Con	the second s	Y	1.32	60.25	8.82		80.0	
		Z	1.19	60.00	8.15	-	80.0	
10485- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.16	69.31	16.02	2.23	80.0	±9.6 %
Mic	GF 5K, 0L Subirane=2,5,4,1,0,3)	Y	1.69	66.06	14.04		80.0	
10100		Z	1.93	68.38	15.12	0.00	80.0	1000
10486- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.10	65.45	13.37	2.23	80.0	± 9.6 %
		Y	1.71	62.92	11.64		80.0	
		Z	1.73	63.60	11.80	-	80.0	
10487- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.11	65.08	13,16	2.23	80.0	± 9.6 %
MAG	04-02AM, UL SUDITAITIE-2,3,4,7,0,9)	Y	1.72	62.60	11.40		80.0	-
			1.73	62.69	11.49	_	80.0	
		Z	1.73	63.23	11.57	0.00	80.0	
10488- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	2.58	69.55	17.35	2.23	80.0	±9.6 %
_		Y	2.27	67.73	16.25	100	80.0	
		Z	2.45	69.44	17.18		80.0	
10489- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	2.75	67.17	16.06	2.23	80.0	± 9.6 %
110	15 sectify 52 5000 0000 - 2,0,7,7,0,0)	Y	2.49	65.86	15.18		80.0	
								-
10100		Z	2.63	67.13	15.78	0.00	80.0	10.000
10490- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	x	2.83	67.06	16.01	2.23	80.0	± 9.6 %
		Y	2.57	65.81	15.15		80.0	
		Z	2.69	66.99	15.69		80.0	
10491- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.92	68.61	17.17	2.23	80.0	± 9.6 %
	an one of our of one ingree of the or of of	Y	2.65	67.28	16.37		80.0	
				and summer international states as forement on				
10492-		Z	2.77	68.48	17.08	0.00	80.0	1000
	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	X	3.13	66.69	16.33	2.23	80.0	± 9.6 %
AAC	16-QAM, UL Subframe=2,3,4,7,8,9)						-	
	16-QAM, UL Subframe=2,3,4,7,8,9)	Y	2.92	65.77	15.72 16.19		80.0 80.0	

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AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Y Z X Y Z X Y Z X Y Z X Y Z Z X	2.99 3.07 3.09 2.78 2.93 3.15 2.94 3.03 3.24 3.03 3.24 3.04 3.12 0.93	65.70 66.59 69.75 68.23 69.54 66.91 65.97 66.87 66.76 65.88 66.74 60.00	15.69 16.12 17.58 16.72 17.51 16.53 15.94 16.43 16.49 15.93 16.39 8.57	2.23 2.23 2.23	80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0	± 9.6 % ± 9.6 %
AAC 10495- AAC 10496- AAC 10497- AAA 10497- AAA	QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Z X Y Z X Y Z X Y Z X Y Z X Y	3.07 3.09 2.78 2.93 3.15 2.94 3.03 3.24 3.04 3.12 0.93	66.59 69.75 68.23 69.54 66.91 65.97 66.87 66.76 65.88 66.74	16.12 17.58 16.72 17.51 16.53 15.94 16.43 16.49 15.93 16.39	2.23	80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0	± 9.6 %
AAC 10495- AAC 10496- AAC 10497- AAA 10497- AAA	QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	X Y Z X Y Z X Y Z X Y Y	3.09 2.78 2.93 3.15 2.94 3.03 3.24 3.04 3.12 0.93	69.75 68.23 69.54 66.91 65.97 66.87 66.76 65.88 66.74	17.58 16.72 17.51 16.53 15.94 16.43 16.49 15.93 16.39	2.23	80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0	± 9.6 %
10495- AAC 10496- AAC 10497- AAA 10498-	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Z Y Z X Y Z X Y	2.93 3.15 2.94 3.03 3.24 3.04 3.12 0.93	69.54 66.91 65.97 66.87 66.76 65.88 66.74	17.51 16.53 15.94 16.43 16.49 15.93 16.39	Declared.	80.0 80.0 80.0 80.0 80.0 80.0	
10496- AAC 10497- AAA 10498-	16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Z Y Z X Y Z X Y	2.93 3.15 2.94 3.03 3.24 3.04 3.12 0.93	69.54 66.91 65.97 66.87 66.76 65.88 66.74	17.51 16.53 15.94 16.43 16.49 15.93 16.39	Declared.	80.0 80.0 80.0 80.0 80.0 80.0	
10496- AAC 10497- AAA 10498-	16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	X Y Z X Y Z X Y	3.15 2.94 3.03 3.24 3.04 3.12 0.93	66.91 65.97 66.87 66.76 65.88 66.74	16.53 15.94 16.43 16.49 15.93 16.39	Declared.	80.0 80.0 80.0 80.0	
10496- AAC 10497- AAA 10498-	16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Y Z X Y Z X Y	2.94 3.03 3.24 3.04 3.12 0.93	65.97 66.87 66.76 65.88 66.74	15.94 16.43 16.49 15.93 16.39	Declared.	80.0 80.0 80.0	
AAC 10497- AAA 10498-	64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Z X Y Z X Y	3.03 3.24 3.04 3.12 0.93	66.87 66.76 65.88 66.74	16.43 16.49 15.93 16.39	2.23	80.0 80.0	± 9.6 %
AAC 10497- AAA 10498-	64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	X Y Z X Y	3.24 3.04 3.12 0.93	66.76 65.88 66.74	16.49 15.93 16.39	2.23	80.0	± 9.6 %
AAC 10497- AAA 10498-	64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Y Z X Y	3.04 3.12 0.93	65.88 66.74	15.93 16.39	2.23	25/2/52/0	±9.6 %
AAA 10498-	MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Z X Y	3.12 0.93	66.74	16.39	-	80.0	
AAA 10498-	MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	X Y	0.93					1
AAA 10498-	MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	Y	2012/02/04	60.00	8.57		80.0	
	MHz, 16-QAM, UL		0.00		0.07	2.23	80.0	± 9.6 %
	MHz, 16-QAM, UL		0.90	60.00	7.78		80.0	
	MHz, 16-QAM, UL		0.86	60.00	7.53		80.0	
	Subframe=2,3,4,7,8,9)	x	1.10	60.00	7.25	2.23	80.0	±9.6 %
	000110110-210,417,010)	Y	1.08	60.00	6.57		80.0	
		Z	1.05	60.00	6.14		80.0	
10100						0.00		1000
10499- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	×	1.12	60.00	7.08	2.23	80.0	± 9.6 %
		Y	1.11	60.00	6.40		80.0	
		Z	1.08	60.00	5.96		80.0	
10500- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	2.33	69.42	16.57	2.23	80.0	± 9.6 %
and all all all all all all all all all al		Y	1.93	66.88	15.00	- 10 m - 10	80.0	
		Z	2.16	69.02	16.03		80.0	
10501- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	2.42	66.55	14.60	2.23	80.0	± 9.6 %
		Y	2.06	64.46	13.19		80.0	
		Z	2.16	65.57	13.59		80.0	
10502- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.46	66.38	14.43	2.23	80.0	± 9.6 %
And a state of the		Y	2.09	64.32	13.03		80.0	
		Z	2.17	65.33	13.38		80.0	
10503- AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	2.55	69.37	17.25	2.23	80.0	± 9.6 %
		Y	2.24	67.56	16.15	-	80.0	
		Z	2.42	69.25	17.08		80.0	
10504- AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe≈2,3,4,7,8,9)	X	2.73	67.07	16.00	2.23	80.0	± 9.6 %
	Contraction of the Design of the Contract of t	Y	2.48	65.76	15,11		80.0	
		Z	2.61	67.02	15.71		80.0	
10505- AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	x	2.82	66.97	15.95	2.23	80.0	± 9.6 %
		Y	2.56	65.72	15.09		80.0	
		Z	2.68	66.89	15.62		80.0	
10505	LTE-TDD (SC-FDMA, 100% RB, 10		3.07	69.63	17.51	2.22	80.0	+06%
10506- AAC	MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X				2.23	and and	± 9.6 %
			2.76	68.11	16.65		80.0	
		Z	2.91	69.41	17.44		80.0	
10507- AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	3.14	66.85	16.49	2.23	80.0	±9.6 %
		Y	2.93	65.91	15.90		80.0	
		Z	3.02	66.81	16.39		80.0	

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10508- AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	x	3.23	66.69	16.44	2.23	80.0	±9.6 %
	1 / / / / / / / / / / / / / / / / / / /	Y	3.03	65.82	15.89		80.0	
		Z	3.11	66.67	16.35			
10509- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	3.52	68.96	17.25	2.23	80.0	± 9.6 %
	MHz, 64-QAM, UL Number of the second se							
							the second	
10510- AAC	MHz, 16-QAM, UL					2.23		± 9.6 %
		Y	3.43	65.94	16.15		80.0	
		Z	3.50	66.61	16.55			
10511- AAC	MHz, 64-QAM, UL	x	3.70	66.58	16.58	2.23		± 9.6 %
	and the second	Y	3.51	65.85	16.14		80.0	
10512- AAC		x	3.56	70.02	17.57	2.23		± 9.6 %
		Y	3.23	68.54	16.78		80.0	
10513- AAC	MHz, 16-QAM, UL					2.23		±9.6 %
		Y	3.31	65.98	16.18		80.0	
		Z	3.39	66.65			80.0	
10514- AAC	MHz, 64-QAM, UL	x	3.56	66.53	16.58	2.23	80.0	± 9.6 %
		Y	3.38	65.75	16.13		80.0	
		Z	3.45	66.40	16.52		80.0	
10515- AAA		X				0.00	and the second se	±9.6 %
000000	and share the transformation of the	Y	0.87	62.23	13.64		150.0	
		Z	0.95	63.24	14.49		150.0	
10516- AAA			0.59	70.32	17.28	0.00	150.0	±9.6 %
		Y	0.43	66.45	13.92		150.0	
		Z	0.56	69.40	16.67		150.0	
10517- AAA		x	0.81	65.09	15.27	0.00	150.0	±9.6 %
		Y	0.69	63.42	13.73		150.0	
				64.83	14.98		150.0	
10518- AAB		X	4.34	66.88	16.18	0.00	150.0	±9.6 %
		Y	4.22	66.51	15.92		150.0	
		Z	4.23	66.93	16.12		150.0	
10519- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	x	4.48	67.04	16.27	0.00	150.0	±9.6 %
		Y	4.36	66.68	16.01		150.0	
(and the second		Z	4.35	67.07	16.19	- anne	150.0	
10520- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	x	4.34	66.97	16.18	0.00	150.0	± 9.6 %
		Y	4.22	66.59	15.92		150.0	
		Z	4.22	66.99	16.11		150.0	
10521- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	×	4.28	66.94	16.16	0.00	150.0	±9.6 %
		Y	4.15	66.54	15.89		150.0	
		Z	4.15	66.93	16.07		150.0	
10522- AAB	IEEE 802.11a/h WiFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.32	67.05	16.25	0.00	150.0	± 9.6 %
		Y	4.19	66.65	15.97		150.0	
		Z	4.18	66.98	16.13		150.0	

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10523- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.26	67.08	16.19	0.00	150.0	± 9.6 %
a 2.4 - 64 - 7	and a second	Y	4.13	66.69	15.91		150.0	
		Z	4.15	67.15	16.14		150.0	
10524- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	X	4.28	67.03	16.25	0.00	150.0	± 9.6 %
		Y	4.15	66.64	15.98		150.0	
		Z	4.14	67.03	16.17		150.0	-
10525- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	×	4.31	66.15	15.88	0.00	150.0	± 9.6 %
		Y	4.19	65.75	15.61		150.0	
-		Z	4.20	66.20	15.83		150.0	
10526- AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	×	4.43	66.41	15.99	0.00	150.0	± 9.6 %
		Y	4.30	66.01	15.72	-	150.0	-
		Z	4.30	66.42	15.92		150.0	
10527- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	x	4.36	66.39	15.93	0.00	150.0	± 9.6 %
	1 66 1	Y	4.23	65.97	15.65	_	150.0	
		Z	4.24	66.40	15.86		150.0	-
10528- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	x	4.38	66.40	15.96	0.00	150.0	± 9.6 %
		Y	4.25	65.99	15.69		150.0	
		Z	4.25	66.41	15.89		150.0	
10529- AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	×	4.38	66.40	15.96	0.00	150.0	± 9.6 %
		Y	4.25	65.99	15.69	-	150.0	
		Z	4.25	66.41	15.89		150.0	
10531- AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	X	4.34	66.42	15.94	0.00	150.0	± 9.6 %
		Y	4.21	65.99	15.65		150.0	
		Z	4.20	66.38	15.85		150.0	
10532- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	4.23	66.28	15.87	0.00	150.0	± 9.6 %
		Y	4.09	65.84	15.58		150.0	
		Z	4.10	66.26	15.79		150.0	
10533- AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	4.38	66.48	15.97	0.00	150.0	± 9.6 %
	1. In 0. 12 v.	Y	4.25	66.07	15.69		150.0	
		Z	4.25	66.50	15.90		150.0	
10534- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	X	4.94	66.38	16.03	0.00	150.0	± 9.6 %
		Y	4.83	66.04	15.82		150.0	
		Z	4.83	66.34	15.98		150.0	
10535- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	X	4.98	66.50	16.09	0.00	150.0	± 9.6 %
1725-03	and the stand of the	Y	4.87	66.15	15.88		150.0	
		Z	4.85	66.43	16.03		150.0	
10536- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	4.87	66.51	16.07	0.00	150.0	± 9.6 %
		Y	4.76	66.13	15.84		150.0	
		Z	4.75	66.43	16.01		150.0	
10537-	IEEE 802.11ac WiFi (40MHz, MCS3,	X	4.94	66.51	16.07	0.00	150.0	± 9.6 %
AAB	99pc duty cycle)	1.11	4.00	00.40	45.00		400.0	-
_		Y	4.83	66.19	15.88		150.0	
10000		Z	4.83	66.50	16.04	0.00	150.0	10.00
10538- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	×	5.00	66.46	16.08	0.00	150.0	± 9.6 %
		Y	4.89	66.12	15.88		150.0	
		Z	4.87	66.39	16.02		150.0	
10540- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	×	4.93	66.42	16.08	0.00	150.0	± 9.6 %
		Y	4.82	66.06	15.87		150.0	
		Z	4.81	66.35	16.02		150.0	

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10541- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	×	4.92	66.35	16.03	0.00	150.0	± 9.6 %
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Y	4.81	65.99	15.82		150.0	-
		Z	4.81	66.31	15.98	2	150.0	-
10542- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	×	5.07	66.45	16.09	0.00	150.0	± 9.6 %
	sopo dal ofoiof	Y	4.96	66.11	15.90		150.0	
		Z	4.95	66.40	16.04		150.0	-
10543-	IEEE 802.11ac WiFi (40MHz, MCS9,	X	5.15	66.53	16.16	0.00	150.0	± 9.6 %
AAB	99pc duty cycle)		a grad desta			0.00	E LICOLT	19.0 %
_		Y	5.05	66.25	16.00	_	150.0	
10511	1000 000 11 1100 000 11000	Z	5.03	66.51	16.13		150.0	
10544- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	×	5.29	66.46	16.02	0.00	150.0	± 9.6 %
		Y	5.19	66.11	15.83		150.0	
		Z	5.19	66.38	15.97		150.0	1
10545- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	×	5.46	66.89	16.19	0.00	150.0	±9.6 %
THE REPORT		Y	5.37	66.61	16.04		150.0	
		Z	5.35	66.81	16.15		150.0	
10546- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	×	5.32	66.57	16.05	0.00	150.0	± 9.6 %
- F. M.		Y	5.22	66.23	15.86		150.0	
		Z	5.22	66.48	15.99	-	150.0	-
10547-	IEEE 802.11ac WiFi (80MHz, MCS3,	X	5.40	66.70	16.10	0.00	150.0	± 9.6 %
AAB	99pc duty cycle)					0.00		10.0 %
_		Y	5.32	66.42	15.95	_	150.0	
		Z	5.33	66.71	16.11		150.0	
	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	×	5.53	67.27	16.37	0.00	150.0	± 9.6 %
		Y	5.44	66.98	16.21		150.0	
		Z	5.38	67.07	16.27		150.0	
10550- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	×	5.38	66.78	16.16	0.00	150.0	± 9.6 %
		Y	5.31	66.53	16.02		150.0	
		Z	5.31	66.81	16.17		150.0	
10551- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	×	5.31	66.54	16.01	0.00	150.0	± 9.6 %
1 11 11.2	sope any eyerey	Y	5.20	66.17	15.81	-	150.0	
		Z	5.19	66.41	15.94		150.0	
10552- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	5.30	66.58	16.03	0.00	150.0	± 9.6 %
-MD	sope daty cycle)	Y	5.19	66.23	15.83	-	150.0	
_		Z	5.20	66.53	15.99		150.0	
10553- AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.35	66.52	16.03	0.00	150.0	± 9.6 %
1010	sops duly of duly	Y	5.24	66.17	15.83		150.0	
		Z	5.24	66.44	15.97		150.0	
10554- AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	5.71	66.79	16.10	0.00	150.0	± 9.6 %
AND .	sopo duty cycles	Y	5.62	66.47	15.93		150.0	
			the second s					
IOFFF		Z	5.63	66.70	16.05	0.00	150.0	1000
10555- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	5.80	67.00	16.19	0.00	150.0	± 9.6 %
		Y	5.71	66.69	16.02		150.0	
	and a second	Z	5.70	66.87	16.12		150.0	
10556- AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	×	5.84	67.12	16.24	0.00	150.0	±9.6 %
		Y	5.76	66.85	16.09		150.0	
		Z	5.75	67.04	16.20		150.0	
10557- AAC	IEEE 802.11ac WiFI (160MHz, MCS3, 99pc duty cycle)	X	5.79	66.99	16.19	0.00	150.0	± 9.6 %
nno -	sopo unty cycle)	Y	5.70	66.66	16.02		150.0	-
		Z	5.70	66.88	16.02		150.0	
			- T / I I		113.14		100.0	

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10558- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	5.80	67.03	16.23	0.00	150.0	± 9.6 %
	Continued of Addition	Y	5.69	66.67	16.04		150.0	
		Z	5.67	66.84	16.13		150.0	
10560- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	x	5.82	66.97	16.24	0.00	150.0	± 9.6 %
		Y	5.72	66.63	16.06		150.0	
		Z	5.71	66.83	16.16		150.0	
10561- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	5.76	66.95	16.26	0.00	150.0	± 9.6 %
		Y	5.66	66.63	16.09		150.0	
		Z	5.65	66.81	16.18		150.0	-
10562- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	x	5.80	67.11	16.34	0.00	150.0	± 9.6 %
		Y	5.70	66.75	16.15		150.0	
		Z	5.68	66.93	16.24		150.0	
10563- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	x	5.91	67.11	16.30	0.00	150.0	± 9.6 %
	1. Mar Conta-st.	Y	5,83	66.82	16.15		150.0	1
		Z	5.80	66.98	16.24	C	150.0	
10564- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 99pc duty cycle)	×	4.65	66.88	16.30	0.46	150.0	± 9.6 %
		Y	4.54	66.54	16.07		150.0	1
		Z	4.53	66.91	16.24		150.0	1.000
10565- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	×	4.85	67.29	16.62	0.46	150.0	± 9.6 %
		Y	4.73	66.97	16.40		150.0	
		Z	4.71	67.32	16.56		150.0	
10566- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 99pc duty cycle)	×	4.68	67.10	16.42	0.46	150.0	± 9.6 %
		Y	4.56	66.75	16.18		150.0	
		Z	4.55	67.11	16.35		150.0	
10567- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 99pc duty cycle)	x	4.72	67.51	16.80	0.46	150.0	± 9.6 %
	the second of the second data second	Y	4.60	67.16	16.57		150.0	
		Z	4.59	67.52	16.75		150.0	
10568- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 99pc duty cycle)	×	4.57	66.80	16.14	0.46	150.0	± 9.6 %
		Y	4.45	66.43	15.88		150.0	1
		Z	4.42	66.71	16.01		150.0	
10569- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 99pc duty cycle)	X	4.71	67,75	16.95	0.46	150.0	± 9.6 %
		Y	4.59	67.42	16.73		150.0	
		Z	4.60	67.83	16.93		150.0	1.1.1
10570- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 99pc duty cycle)	x	4.71	67.51	16.83	0.46	150.0	± 9.6 %
100	a second and the second s	Y	4.59	67.18	16.60		150.0	
		Z	4.57	67.54	16.78		150.0	-
10571- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	x	1.08	63.64	15.05	0.46	130.0	± 9.6 %
S. 10		Y	0.98	62.63	14.12		130.0	
		Z	1.06	63.58	14.89		130.0	1.
10572- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	x	1.08	64.13	15.38	0.46	130.0	± 9.6 %
		Y	0.98	63.05	14.41		130.0	
		Z	1.07	64.06	15.22	-	130.0	1.000
10573- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	x	1.08	77.41	20.56	0.46	130.0	± 9.6 %
		Y	0.73	71.46	16,79		130.0	
		Z	0.99	75.97	19.89		130.0	
10574- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	×	1.10	68.88	18.01	0.46	130.0	± 9.6 %
		Y	0.95	66.93	16.52		130.0	

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10575- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 90pc duty cycle)	X	4.42	66.59	16.28	0.46	130.0	± 9.6 %
	and the second	Y	4.31	66.26	16.05		130.0	
		Z	4.30	66.63	16.21		130.0	
10576- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 90pc duty cycle)	X	4.45	66.80	16.37	0.46	130.0	± 9.6 %
	er ann e maper aspa and stand	Y	4.34	66.48	16,14		130.0	
		Z	4.33	66.87	16.32		130.0	
10577-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	X	4.61	67.03		0.46		+0.00
AAA	OFDM, 12 Mbps, 90pc duty cycle)	200			16.52	0.40	130.0	± 9.6 %
_		Y	4.49	66.71	16.29		130.0	
		Z	4.48	67.07	16.45		130.0	
10578- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 90pc duty cycle)	X	4.51	67.18	16.63	0.46	130.0	±9.6 %
		Y	4.40	66.85	16.40		130.0	-
	warmen and an and a second second	Z	4.39	67.23	16.57		130.0	
10579- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 90pc duty cycle)	X	4.26	66.33	15.85	0.46	130.0	±9.6 %
		Y	4.14	65.96	15.59		130.0	
		Z	4.13	66.29	15.75		130.0	
10580-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	X	4.29	66.37	15.87	0.46	130.0	± 9.6 %
AAA	OFDM, 36 Mbps, 90pc duty cycle)	100	10000	1.1.1.1.1.1.1.1	in relievi	stasone -		
		Y	4.17	66.01	15.60		130.0	
	terrer and the second second second	Z	4.14	66.28	15.72		130.0	1 million
10581- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 90pc duty cycle)	X	4.43	67.26	16.60	0.46	130.0	± 9.6 %
		Y	4.31	66.92	16.36		130.0	1
		Z	4.31	67.34	16.57		130.0	
10582- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 90pc duty cycle)	X	4.19	66.09	15.63	0.46	130.0	±9.6 %
	or one, or more, sope day cycley	Y	4.07	65.73	15.36		130.0	
		Z	4.05	66.04	15.51		130.0	
10583- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.42	66.59	16.28	0.46	130.0	± 9.6 %
nnu	mops, sope duty cycle)	Y	4.31	66.26	16.05		130.0	
		Z	4.30	66.63	16.21		130.0	
10501						0.40		±9.6 %
10584- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	x	4.45	66.80	16.37	0.46	130.0	19.0 %
_		Y	4.34	66.48	16,14		130.0	
	A COMPANY AND A	Z	4.33	66.87	16.32		130.0	
10585- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	4.61	67.03	16.52	0.46	130.0	±9.6 %
		Y	4.49	66.71	16.29		130.0	0
		Z	4.48	67.07	16,45		130.0	
10586- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	4.51	67.18	16.63	0.46	130.0	±9.6 %
		Y	4.40	66.85	16.40		130.0	
		Z	4.39	67.23	16.57	-	130.0	
10587- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	4.26	66.33	15.85	0.46	130.0	± 9.6 %
	maket asks and along	Y	4.14	65.96	15.59		130.0	
_		Z	4.13	66.29	15.75		130.0	
10588-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36	X	4.13	66.37	15.87	0.46	130.0	±9.6 %
AAB	Mbps, 90pc duty cycle)	1561	1 529-06201	1922020	15.60	0.40	C.C.C.C.C.C.	1 0.0 %
		Y	4.17	66.01	and the second se		130.0	-
	the second se	Z	4.14	66.28	15.72	0.10	130.0	
	the second se	X	4.43	67.26	16.60	0.46	130.0	±9.6 %
	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)			-			and the second second	
		Y	4.31	66.92	16.36		130.0	
10589- AAB			4.31	66.92 67.34	16.36 16.57		130.0 130.0	
AAB 10590-	Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54	Y				0.46		±9.6 %
AAB	Mbps, 90pc duty cycle)	Y Z	4.31	67,34	16.57	0.46	130.0	±9.6 %

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10591- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.58	66.69	16.41	0.46	130.0	± 9.6 %
	Contraction of the contraction o	Y	4.47	66.39	16.20		130.0	
		Z	4.47	66.76	16.36		130.0	
10592- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	4.69	66.97	16.53	0.46	130.0	±9.6 %
	moon, sope and ofoiof	Y	4.58	66.66	16.32		130.0	
		Z	4.56	67.00	16.47		130.0	
10593-	IEEE 802.11n (HT Mixed, 20MHz,	X	4.61	66.84	16.38	0.46	130.0	±9.6 %
AAB	MCS2, 90pc duty cycle)	1,252	100307	Statistics.	1929222	0.40	383032	1 9.0 %
		Y	4.49	66.52	16.16		130.0	
		Z	4.48	66.87	16.32		130.0	
10594- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	×	4.66	67.02	16.56	0.46	130.0	± 9.6 %
		Y	4.55	66.71	16.34		130.0	
		Z	4.54	67.06	16.50		130.0	1000
10595- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	4.63	67.00	16.46	0.46	130.0	± 9.6 %
		Y	4.51	66.68	16.25		130.0	
	the second s	Z	4.50	67.04	16.41	1	130.0	
10596- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	×	4.56	66.95	16.45	0.46	130.0	± 9.6 %
2000		Y	4.44	66.62	16.22		130.0	
	Sector and the sector of the sector	Z	4.42	66.95	16.38		130.0	
10597- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	×	4.51	66.82	16.30	0.46	130.0	± 9.6 %
		Y	4.39	66.48	16.06		130.0	
		Z	4.38	66.82	16.22		130.0	-
10598- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	x	4,51	67.06	16.58	0.46	130.0	± 9.6 %
AAD	moor, sope day eyes	Y	4.39	66.73	16.35		130.0	
	1.73	Z	4.39	67.10	16.52		130.0	
10599- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	×	5.26	67.16	16.67	0.46	130.0	± 9.6 %
1010	mood, dopo daty cycler	Y	5.19	66.95	16.55		130.0	
		Z	5.18	67.23	16.69	-	130.0	-
10600- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	5.35	67.49	16.81	0.46	130.0	± 9.6 %
MAD	MOST, SOPE duty cycle)	Y	5.29	67.35	16.72	-	130.0	
		Z	5.23	67.44	16.76	-	130.0	
10601- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	5.26	67.29	16.73	0.46	130.0	± 9.6 %
MMD	MC32, SODE duty Cycle)	Y	5.19	67.12	16.62		130.0	
		Z	5.20	67.45	16.79		130.0	-
10602- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	X	5.35	67.29	16.64	0.46	130.0	± 9.6 %
- mu	mood, sope daily cycle)	Y	5.27	67.10	16.53	-	130.0	-
-	1	Z	5.22	67.10	16.59		130.0	-
10603- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.42	67.60	16.94	0.46	130.0	± 9.6 %
-MD	incon, sope daily cycles	Y	5.33	67.37	16.81		130.0	-
-		Z	5.26	67.44	16.84		130.0	
10604-	IEEE 802.11n (HT Mixed, 40MHz,	X	5.29	67.44	16.71	0.46	130.0	± 9.6 %
AAB	MCS5, 90pc duty cycle)		1000000		and the second s	0.40	114545 VAD	1 3.0 %
		Y	5.19	66.89	16.54		130.0	-
10005		Z	5.14	67.01	16.59	0.10	130.0	1000
10605- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	×	5.34	67.34	16.78	0.46	130.0	± 9.6 %
	The second	Y	5.26	67.13	16.66		130.0	
		Z	5.20	67.25	16.72		130.0	
10606- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	×	5.14	66.81	16.37	0.46	130.0	± 9.6 %
		Y	5.06	66.62	16.25		130.0	
		Z	5.05	66.87	16.38		130.0	

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10607- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	×	4.43	66.05	16.06	0.46	130.0	± 9.6 %
D-2- 53		Y	4.31	65.70	15.83		130.0	
		Z	4.32	66.12	16.02		130.0	
10608- AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.56	66.36	16.20	0.46	130.0	± 9.6 %
		Y	4.44	66.01	15.97		130.0	-
		Z	4.43	66.38	16,15	-	130.0	
10609- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	×	4.46	66.19	16.02	0.46	130.0	± 9.6 %
Accolution .		Y	4.34	65.83	15,77		130.0	
		Z	4.33	66.21	15.96		130.0	
10610- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	×	4.51	66.37	16.19	0.46	130.0	± 9.6 %
		Y	4.39	66.01	15.96		130.0	
		Z	4.38	66.40	16.14		130.0	
10611- AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	×	4.42	66.15	16.03	0.46	130.0	± 9.6 %
		Y	4.30	65.79	15.79		130.0	
-		Z	4.29	66.16	15.97	- contract	130.0	- Income
10612- AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	×	4.41	66.27	16.06	0.46	130.0	± 9.6 %
		Y	4.28	65.89	15.81		130.0	
	and the second s	Z	4.26	66.23	15.98		130.0	
10613- AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	4.40	66.08	15.90	0.46	130.0	± 9.6 %
		Y	4.28	65.70	15.65		130.0	1
		Z	4.26	66.05	15.81		130.0	
10614- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	4.38	66.33	16.17	0.46	130.0	± 9.6 %
		Y	4.25	65.95	15.92		130.0	-
		Z	4.25	66.33	16.10		130.0	
10615- AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	×	4.41	65.98	15.79	0.46	130.0	± 9.6 %
		Y	4.29	65.61	15.54		130.0	
		Z	4.27	65.99	15.72		130.0	
10616- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	×	5.07	66.34	16.25	0.46	130.0	± 9.6 %
		Y	4.97	66.04	16.07		130.0	-
		Z	4.96	66.31	16.21		130.0	
10617- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	×	5.10	66.45	16.28	0.46	130.0	± 9.6 %
		Y	5.00	66.15	16.11		130.0	
		Z	4.98	66.39	16.23		130.0	
10618- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	×	5.02	66.53	16.33	0.46	130.0	± 9.6 %
		Y	4.91	66.19	16.14		130.0	
		Z	4.89	66.45	16.27		130.0	
10619- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	×	5.04	66.36	16.18	0.46	130.0	± 9.6 %
		Y	4.96	66.11	16.03		130.0	
		Z	4.94	66.38	16.17		130.0	
10620- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.11	66.35	16.22	0.46	130.0	± 9.6 %
		Y	5.01	66.06	16.05	_	130.0	
	and the second sec	Z	4.98	66.26	16.16		130.0	
10621- AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	×	5.12	66.47	16.41	0.46	130.0	±9.6 %
		Y	5.02	66,16	16.23		130.0	
		Z	5.00	66.43	16.37		130.0	Sec. 1
10622- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	×	5.10	66.55	16.44	0.46	130.0	±9.6 %
AB		_	in data	00.05	40.07		100.0	-
		Y	5.00	66.25	16.27		130.0	

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10623-	IEEE 802.11ac WiFi (40MHz, MCS7,	X	5.00	66.11	16.08	0.46	130.0	± 9.6 %
AAB	90pc duty cycle)	- 22			195300030			SE PRODUKT
		Y	4.90	65.81	15.90	-	130.0	
	anone -	Z	4.89	66.10	16.05		130.0	
10624- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	x	5.19	66.37	16.28	0.46	130.0	± 9.6 %
		Y	5.10	66.09	16.12		130.0	
-		Z	5.07	66.34	16.24	-	130.0	
10625-	IEEE 802.11ac WiFi (40MHz, MCS9,	X	5.27	66.50	16.40	0.46	130.0	± 9.6 %
AAB	90pc duty cycle)	Ŷ	ACTERNA ACTERNA		1.5.55226.6	0.40	1.122004	1 0.0 10
			5.19	66.27	16.28		130.0	
10000		Z	5.16	66.52	16,40	0.10	130.0	
10626- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	×	5.40	66.37	16.20	0.46	130.0	± 9.6 %
		Y	5.31	66.07	16.04		130.0	
		Z	5.31	66.31	16.17		130.0	
10627- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	×	5.62	66.96	16.47	0.46	130.0	± 9.6 %
		Y	5.56	66.76	16.37		130.0	
	1110	Z	5.52	66.91	16.44		130.0	
10628-	IEEE 802.11ac WiFi (80MHz, MCS2,	X	5.39	66.34	16.09	0.46	130.0	±9.6 %
AAB	90pc duty cycle)	Ŷ	5.30	66.04	15.92	0.000	130.0	3. 2. 3. 10
								-
10220	IEEE 802 1100 WIE 100101- 10020	Z	5.29	66.26	16.04	0.40	130.0	1000
10629- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	×	5.50	66.54	16.19	0.46	130.0	± 9.6 %
	Contraction of the Contraction of the	Y	5.44	66.36	16.08		130.0	
		Z	5.44	66.63	16.23	-	130.0	
10630- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	×	5.71	67.39	16.62	0.46	130.0	± 9.6 %
	al substantiation moves	Y	5.64	67.17	16.50		130.0	
		Z	5.54	67.11	16.48		130.0	
10631- AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	×	5.70	67.46	16.84	0.46	130.0	± 9.6 %
		Y	5.61	67.18	16.70		130.0	
		Z	5.56	67.29	16.76		130.0	
10632- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	×	5.63	67.17	16.72	0.46	130.0	± 9.6 %
		Y	5.58	67.02	16.64		130.0	
		Z	5.57	67.27	16.77		130.0	-
10633- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	×	5.42	66.43	16.17	0.46	130.0	± 9.6 %
	sope day of day	Y	5.32	66.10	15.99	-	130.0	-
		Z	5.30	66.32	16.11	-	130.0	
10634- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	5.45	66.63	16.32	0.46	130.0	± 9.6 %
	solve and elected	Y	5.35	66.31	16.16	-	130.0	-
		Z	5.35	66.57	16.16	-	130.0	
10635- AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.30	65.85	15.65	0.46	130.0	± 9.6 %
NAD	sope duty cycle)	Y	5.21	65.54	15.48	-	130.0	
		Z	5.19	65.76	15.40	-	130.0	-
10636-	IEEE 902 11no WIEI (180MUL) MOOD	X			Contractor Color of Color States	0.46	and the second s	+0.0.0
10636- AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)		5.84	66.72	16.29	0.46	130.0	± 9.6 %
		Y	5.76	66.45	16.15	-	130.0	
		Z	5.76	66.66	16.26		130.0	
10637- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	×	5.95	67.01	16.43	0.46	130.0	± 9.6 %
		Y	5.88	66.76	16.30		130.0	
		Z	5.85	66.89	16.37		130.0	
	IFFF AGA AL ANTEL MAANNE MAAAA	X	5.98	67.09	16.44	0.46	130.0	± 9.6 %
	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)		0.00					
10638- AAC	90pc duty cycle)	Ŷ	5.91	66.84	16.31		130.0	

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AAC 90pc duty cycle) Y 5.79 66.50 16.13 130.0 10641- IEEE 802.11ac WiFi (160MHz, MCS5, AAC X 5.99 66.65 16.26 130.0 ±9.63 10642- IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) Y 5.93 66.70 16.25 130.0 ±9.63 10642- IEEE 802.11ac WiFi (160MHz, MCS6, AAC S0.01 67.13 16.63 0.46 130.0 ±9.63 10643- IEEE 802.11ac WiFi (160MHz, MCS7, AAC 2.5.91 67.00 16.57 130.0 ±9.63 10643- IEEE 802.11ac WiFi (160MHz, MCS7, AAC 2.5.76 66.66 16.22 130.0 ±9.63 10644- IEEE 802.11ac WiFi (160MHz, MCS8, AAC 5.81 66.67 16.31 130.0 ±9.63 10645- IEEE 802.11ac WiFi (160MHz, MCS9, AAC Y 5.82 66.67 16.31 130.0 ±9.63 10645- IEEE 802.11ac WiFi (160MHz, MCS9, AAC Y 5.87 66.82 16.38 130.0 ±9.63 10645- IE	10639- AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	×	5.93	66.96	16.42	0.46	130.0	± 9.6 %
10640- AAC IEEE 802.11ac WiFi (160MHz, MCS4, AAC Z 5.84 66.87 16.37 130.0 ±9.6 % AAC 90pc duty cycle) Y 5.79 66.60 16.13 130.0 ±9.6 % Model-1 IEEE 802.11ac WiFi (160MHz, MCS5, AAC X 5.99 66.93 16.32 130.0 ±9.6 % Model-1 IEEE 802.11ac WiFi (160MHz, MCS6, AAC X 6.01 67.13 16.32 130.0 ±9.6 % MAC 90pc duty cycle) Y 5.83 66.63 16.32 130.0 ±9.6 % MAC 90pc duty cycle) Y 5.83 66.64 16.49 130.0 ±9.6 % MAC 90pc duty cycle) Y 5.78 66.652 16.22 130.0 ±9.6 % MAC 90pc duty cycle) Y 5.78 66.67 16.37 130.0 ±9.6 % MAC 90pc duty cycle) Y 5.78 66.67 16.37 130.0 ±9.6 % MAC 90pc duty cycle) Y <t< td=""><td>and the second s</td><td></td><td>Y</td><td>5.85</td><td>66.68</td><td>16.27</td><td></td><td>130.0</td><td></td></t<>	and the second s		Y	5.85	66.68	16.27		130.0	
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10654- AAB LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) X 3.72 65.03 16.17 2.23 80.0 ± 9.6 % XAB Y 3.58 64.50 15.83 80.0 ± 9.6 % Z 3.65 65.07 16.11 80.0 10655- LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) X 3.80 64.95 16.21 2.23 80.0 ± 9.6 % AAB Clipping 44%) Y 3.67 64.43 15.88 80.0 ± 9.6 % AAB V 3.67 64.43 15.88 80.0 ± 9.6 % 10658- AAA Pulse Waveform (200Hz, 10%) X 4.43 71.88 12.89 10.00 50.0 ± 9.6 % 10659- AAA Y 2.96 67.08 10.79 50.0 ± 9.6 % 10659- AAA Pulse Waveform (200Hz, 20%) X 21.85 87.99 16.66 6.99 60.0 ± 9.6 %					65.47				
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10655- AAB LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) X 3.80 64.95 16.21 2.23 80.0 ± 9.6 % Y 3.67 64.43 15.88 80.0 2 3.74 64.95 16.16 80.0 10658- 80.0 2 3.74 64.95 16.16 80.0 10658- 80.0 2 3.74 64.95 10.00 50.0 ± 9.6 % 10658- AAA Y 2.96 67.08 10.79 50.0 ± 9.6 % 10659- AAA Y 2.96 87.08 10.29 50.0 10659- 80.0 50.0 ± 9.6 % 10659- AAA Pulse Waveform (200Hz, 20%) X 21.85 87.99 16.66 6.99 60.0 ± 9.6 % 10659- AAA Y 1.49 64.48 8.54 60.0 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00									
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Y 1.49 64.48 8.54 60.0		Pulse Waveform (200Hz, 20%)			the second se		6.99		±9.6 %
			V	1.49	64.48	8.54	-	60.0	
			Z	100.00	101.11	19.71		60.0	

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February 26, 2018

10660- AAA	Pulse Waveform (200Hz, 40%)	X	100.00	100.24	18.17	3.98	80.0	± 9.6 %
		Y	0.44	60.00	5.03		80.0	
	Carlow-carl	Z	100.00	101.16	18.48		80.0	
10661- AAA	Pulse Waveform (200Hz, 60%)	X	100.00	101.13	17.57	2.22	100.0	± 9.6 %
		Y	0.24	60.00	3.65		100.0	
		Z	100.00	102.26	17.94		100.0	
10662- AAA	Pulse Waveform (200Hz, 80%)	X	100.00	99.08	15.66	0.97	120.0	± 9.6 %
		Y	3.24	108.92	7.51		120.0	
		Z	100.00	98.42	15.34		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.

Certificate No: EX3-7494_Feb18

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1.1. D450V3 Dipole Calibration Certificate

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edited by the Swiss Accreditat	ion Service (SAS)		reditation No.: SCS 0108
Swiss Accreditation Service tilateral Agreement for the re			
			D450V3-1102_Feb18
ent CCIC-HTW (Aud	ien)	Geruncate No.	045010-1102_10010
ALIBRATION C	ERTIFICATE		
bject	D450V3 - SN:110	2	
alibration procedure(s)	QA CAL-15.v8		
month procession	Calibration proces	dure for dipole validation kits belo	w 700 MHz
	* pr 1 (r)		
alibration date:	February 23, 201	8	
	and the second s		
I calibrations have been conduc	ted in the closed laborator	y facility: environment temperature $(22 \pm 3)^{\circ}$ C	
I calibrations have been conduc	ted in the closed laborator		C and humidity < 70%.
Il calibrations have been conduc alibration Equipment used (M&1 rimary Standards	ted in the closed laborator	Cal Date (Certificate No.)	C and humidity < 70%. Scheduled Calibration
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I calibrations have been conduct alibration Equipment used (M&1 imary Standards ower meter NRP ower sensor NRP-Z91 ower sensor NRP-Z91	ID # SN: 104778 SN: 104244 SN: 103245	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522)	C and humidity < 70%. Scheduled Calibration Apr-18 Apr-18
Il calibrations have been conduct alibration Equipment used (M&1 trimary Standards tower meter NRP tower sensor NRP-Z91 tower sensor NRP-Z91 teference 20 dB Attenuator	ID # SN: 104778 SN: 103244	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02522)	C and humidity < 70%. Scheduled Calibration Apr-18 Apr-18 Apr-18 Apr-18
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Calibration Laboratory of Schmid & Partner

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland

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

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

Certificate No: D450V3-1102_Feb18

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S Schweizerischer Kalibrierdienst

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

Accreditation No.: SCS 0108

Measurement Conditions

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

DASY Version	DASY5	V52.10.0
Extrapolation	Advanced Extrapolation	
Phantom	ELI4 Flat Phantom	Shell thickness: 2 ± 0.2 mm
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	450 MHz ± 1 MHz	

Head TSL parameters The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	43.5	0.87 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) "C	43.7 ± 6 %	0.87 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	*****	

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	1.12 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	4.48 W/kg ± 18.1 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 250 mW input power	0.749 W/kg
		0.749 W/kg 3.00 W/kg ± 17.6 % (k

Body TSL parameters The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	56.7	0.94 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	56.0 ± 6 %	0.93 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	1.11 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	4.47 W/kg ± 18.1 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Body TSL SAR measured	condition 250 mW input power	0.749 W/kg

Certificate No: D450V3-1102_Feb18

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	59.6 Ω - 0.2 jΩ	
Return Loss	- 21.1 dB	

Antenna Parameters with Body TSL

Impedance, transformed to feed point	55.1 Ω - 6.9 jΩ	
Return Loss	- 21.8 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.348 ns
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	October 05, 2017

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DASY5 Validation Report for Head TSL

Date: 23.02.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 450 MHz D450V3; Type: D450V3; Serial: D450V3 - SN:1102

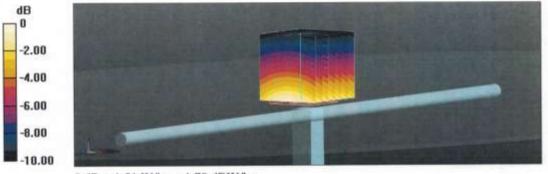
Communication System: UID 0 - CW; Frequency: 450 MHz Medium parameters used: f = 450 MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 43.7$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3877; ConvF(10.5, 10.5, 10.5); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn654; Calibrated: 24.07.2017
- · Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1003
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Head Tissue/d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:

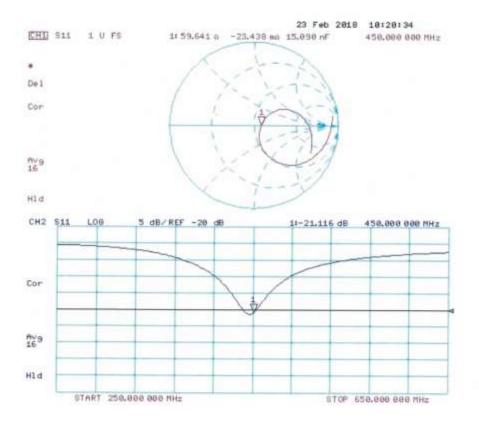
Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 43.13 V/m; Power Drift = -0.01 dB Peak SAR (extrapolated) = 1.73 W/kg SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.749 W/kg Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

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Certificate No: D450V3-1102_Feb18

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DASY5 Validation Report for Body TSL

Date: 23.02.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 450 MHz D450V3; Type: D450V3; Serial: D450V3 - SN:1102

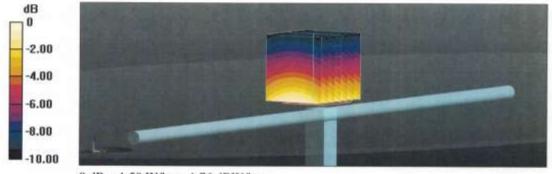
Communication System: UID 0 - CW; Frequency: 450 MHz Medium parameters used: f = 450 MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3877; ConvF(10.8, 10.8, 10.8); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn654; Calibrated: 24.07.2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1003
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Body Tissue/d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:

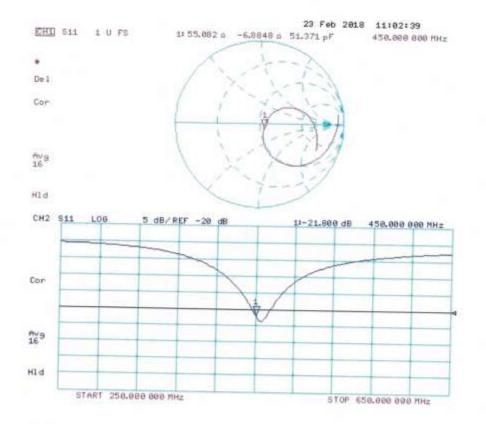
Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 41.23 V/m; Power Drift = -0.01 dB Peak SAR (extrapolated) = 1.71 W/kg SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.749 W/kg Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

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Impedance Measurement Plot for Body TSL



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