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10477- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16- QAM, UL Subframe=2.3,4,7,8,9)	х	0.65	60.00	7.26	3.23	80.0	± 9.6 %
		Y	0.66	60.00	7.17		80.0	
	(2017-14) STATES - 100 STATES	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)	Х	0.67	60.00	6.59	3.23	80.0	± 9.6 %
		Y	0.68	60.00	6.51		80.0	
	And the second s	Z	0.31	55.89	4.01		80.0	
10479- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.24	76.16	18.67	3.23	80.0	±9,6 %
		Y	4.42	80.82	20.23		80.0	
	Marie Commenter of the	Z	4.39	82.21	20.82		80.0	
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- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.62	63.96	11.04	3.23	80.0	± 9.6 %
TH 2-72		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 %
	1	Υ	1.10	61.56	10.21		80.0	
		Z	1.14	62.42	10.54		80.0	
10483- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.45	61.38	9.71	2.23	80.0	± 9.6 %
712-11-17		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 %
		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 %
-		Y	1.69	66.06	14.04		80.0	
		Z	1.93	68.38	15.12		80.0	
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 %
		Y	1.73	62.69	11.49		80.0	
		Z	1.73	63.23	11.57		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		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 %
		Υ	2.49	65.86	15.18		80.0	
		Z	2.63	67.13	15.78	- Interest	80.0	
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 %
		Y	2.65	67.28	16.37		80.0	
		Z	2.77	68.48	17.08		80.0	
10492- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.13	66.69	16.33	2.23	80.0	± 9.6 %
	- United States of the States	Y	2.92	65.77	15.72		80.0	
		Z	3.01	66.69	16.19		80.0	

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10493- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.19	66.60	16.28	2.23	80.0	±9.6 %
		Y	2.99	65.70	15.69		80.0	
		Z	3.07	66.59	16.12		80.0	
10494- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.09	69.75	17.58	2.23	80.0	±9.6 %
75000		Y	2.78	68.23	16.72		80.0	
		Z	2.93	69.54	17.51		80.0	0.000
10495- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.15	66.91	16.53	2.23	80.0	±9.6 %
110.00	The second secon	Y	2.94	65.97	15.94		80.0	
		Z	3.03	66.87	16.43		80.0	
10496- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	×	3.24	66.76	16.49	2.23	80.0	± 9.6 %
	The second control of	Y	3.04	65.88	15.93		80.0	
		Z	3.12	66.74	16.39		80.0	
10497- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	0.93	60.00	8.57	2.23	80.0	± 9.6 %
		Y	0.90	60.00	7.78		80.0	
		Z	0.86	60.00	7.53		80.0	
10498- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	1.10	60.00	7.25	2.23	80.0	± 9.6 %
		Y	1.08	60.00	6.57		80.0	
		Z	1.05	60.00	6.14		80.0	10.00
10499- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	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 the local and		Y	1.93	66.88	15.00		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 %
		Y	2.09	64.32	13.03		80.0	
		Z	2.17	65.33	13.38	No. of Concession	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	1100000
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 %
		Y	2.48	65.76	15.11		80.0	
	Charles to consider a supplied to the second	Z	2.61	67.02	15.71	-	80.0	AL HOUSEN
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	
WITH CO.	AND AND ASSESSED AND ASSESSED AND ASSESSED AND ASSESSED AND ASSESSED ASSESSED.	Z	2.68	66.89	15.62		80.0	
10506- AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.07	69.63	17.51	2.23	80.0	± 9.6 %
		Y	2.76	68.11	16.65		80.0	
eurosa T	The state of the s	Z	2.91	69.41	17.44	La revolue	80.0	
10507- AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.14	66.85	16.49	2.23	80.0	± 9.6 %
	The second secon	Y	2.93	65.91	15.90		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 %
		Y	3.03	65.82	15.89		80.0	
		Z	3.11	66.67	16.35		80.0	
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 %
	The state of the s	Y	3.24	67.75	16.57		80.0	
		Z	3.37	68.79	17.22		80.0	
10510- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.62	66.72	16.61	2.23	80.0	± 9.6 %
		Y	3.43	65.94	16.15		80.0	
		Z	3.50	66.61	16.55		80.0	
10511- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.70	66.58	16.58	2.23	80.0	± 9.6 %
		Y	3.51	65.85	16.14		80.0	
el Tro	Value of the second sec	Z	3.58	66.51	16.52		80.0	
10512- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.56	70.02	17.57	2.23	80.0	± 9.6 %
		Y	3.23	68.54	16.78		80.0	
	Cau access to the case of the	Z	3.39	69.70	17.50		80.0	
10513- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.50	66.80	16.66	2.23	80.0	± 9.6 %
		Y	3.31	65.98	16.18		80.0	
	Marion Charles and Control of the Co	Z	3.39	66.65	16.59		80.0	
10514- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	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	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	0.96	63.31	14.68	0.00	150.0	± 9.6 %
		Y	0.87	62.23	13.64		150.0	
		Z	0.95	63.24	14.49		150.0	
10516- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	0.59	70.32	17.28	0.00	150.0	± 9.6 %
		Y	0.43	66.45	13,92		150.0	
10010		Z	0.56	69.40	16.67		150.0	
10517- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.81	65.09	15.27	0.00	150.0	±9.6 %
		Y	0.69	63.42	13.73		150.0	
10518- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	Z	0.79 4.34	64.83 66.88	14.98 16.18	0.00	150.0	± 9.6 %
710	mora, ouro daty dydie)	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	
To depot at	AND MARKET BEFORE BUILDING WAS A STREET	Z	4.35	67.07	16.19		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	
	CANAL PROGRAMMENT AND	Z	4.22	66.99	16.11	- Walleton	150.0	
10521- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.28	66.94	16.16	0.00	150.0	±9.6 %
		Y	4.15	66.54	15.89		150.0	
40000	TEEE 000 44 A 1405	Z	4.15	66.93	16.07	0.55	150.0	1.0.00
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 %
	maps; seps daily systey	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-	IEEE 802.11ac WiFi (20MHz, MCS0,	X	4.31	66.15	15.88	0.00	150.0	±9.6 %
AAB	99pc duty cycle)	Y	4.19	65.75	15.61	0.00	150.0	± 0.0 N
		Z	4.20	66.20	15.83		150.0	
10526-	IEEE 802.11ac WiFi (20MHz, MCS1,	X	4.43	66.41	15.99	0.00	150.0	±9.6 %
AAB	99pc duty cycle)	Y	4.30	66.01	15.72	0.00	150.0	1 3.0 70
		Z		66.42				
40507	IEEE OOD 44 WIEL (OOLUI - MOOD		4.30	66.39	15.92	0.00	150.0	
10527- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	×	4.36		15.93	0.00	150.0	± 9.6 %
		Y	4.23	65.97	15.65		150.0	
		Z	4.24	66.40	15.86	114000000	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 %
	The state of the s	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 %
	0000000	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 %
100	cope daily dyordy	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 %
1576	oops dady officer	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 %
TALL	sope daty cycle)	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	4.75	66.51	16.07	0.00	150.0	± 9.6 %
AAB	99pc duty cycle)	0.00	200000	000000		0.00	1000000	1 3.0 %
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Y	4.83	66.19	15.88		150.0	
10538-	IEEE 802.11ac WiFi (40MHz, MCS4,	X	4.83 5.00	66.50 66.46	16.04 16.08	0.00	150.0 150.0	± 9.6 %
AAB	99pc duty cycle)	100	4.00	00.45	45.00		450.0	
		Y	4.89	66.12	15.88		150.0	
40545	IEEE OOG 44 - MIEE COOK III - MOOG	Z	4.87	66.39	16.02	0.00	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 %
		Z	4.82	66.06	15.87		150.0	
			4.81	66.35	16.02		150.0	

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10541-	IEEE 802.11ac WiFi (40MHz, MCS7,	X	4.92	66.35	16.03	0.00	150.0	± 9.6 %
AAB	99pc duty cycle)	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)	X	5.07	66.45	16.09	0.00	150.0	± 9.6 %
7010	sope daty cycle)	Y	4.96	66.11	15.90		150.0	
		Z	4.95	66.40	16.04		150.0	
10543- AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	×	5.15	66.53	16.16	0.00	150.0	± 9.6 %
7010	Sope daty cycley	Y	5.05	66.25	16.00		150.0	
		Z	5.03	66.51	16.13		150.0	
10544-	IEEE 802.11ac WiFi (80MHz, MCS0,	X	5.29	66.46	16.02	0.00	150.0	±9.6 %
AAB	99pc duty cycle)	200			10.04	0.00	100.0	20.0 70
C21717111	postocolor i etcelli vilingi more	Y	5.19	66.11	15.83		150.0	
		Z	5.19	66.38	15.97		150.0	
10545- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	×	5.46	66,89	16.19	0.00	150.0	± 9.6 %
nienisch-		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 %
		Y	5.22	66.23	15.86		150.0	
		Z	5.22	66.48	15.99		150.0	
10547- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	×	5.40	66.70	16.10	0.00	150.0	± 9.6 %
		Y	5.32	66.42	15.95		150.0	
		Z	5.33	66.71	16.11		150.0	
10548- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	5.53	67.27	16.37	0.00	150.0	± 9.6 %
	CO-COT EXPENSES OF TOURSES	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 %
	The state of the s	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 %
***************************************		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)	×	5.30	66.58	16.03	0.00	150.0	± 9.6 %
		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 %
		Y	5.24	66.17	15.83		150.0	
Charles and		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 %
		Y	5.62	66.47	15.93		150.0	
	WALLEST SECTION OF THE PARTY WAS ARRESTED AND THE PARTY OF THE PARTY O	Z	5,63	66.70	16.05		150.0	THE STREET
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	
CONCUSAN	A SHARE AND A SHAR	Z	5.70	66.87	16.12	A STATE OF THE PARTY OF THE PAR	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	
CZINEN S	MARKET STATE OF THE STATE OF TH	Z	5.75	67.04	16.20	Total Control	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 %
		Y	5.70	66.66	16.02		150.0	
		Z	5.70	66.88	16.14		150.0	

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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 %
		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 %
	I V	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)	Х	5.76	66.95	16.26	0.00	150.0	± 9.6 %
	Follow Williams	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)	Х	5.80	67.11	16.34	0.00	150.0	± 9.6 %
		Y	5.70	66.75	16.15		150.0	4
		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 %
		Y	5.83	66.82	16.15		150.0	
		Z	5.80	66.98	16.24		150.0	-
10564- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 99pc duty cycle)	X	4.65	66.88	16.30	0.46	150.0	± 9.6 %
-		Y	4.54	66.54	16.07		150.0	-
		Z	4.53	66.91	16.24		150.0	
10565- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	X	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	7
10566- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 99pc duty cycle)	X	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 %
		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)	X	4.57	66.80	16.14	0.46	150.0	± 9.6 %
		Y	4.45	66.43	15.88		150.0	
		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)	Х	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	-
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 %
		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 %
The state of the s		Y	0.98	62.63	14.12		130.0	
		Z	1.06	63.58	14.89		130.0	The same
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	f make
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 %
		Υ	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)	X	1.10	68.88	18.01	0.46	130.0	± 9.6 %
		Y	D.OF	66.93	40.50		130.0	
		T	0.95	00.93	16.52		130.0	

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10575- AAA 10576- AAA 10577- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 90pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 90pc duty cycle)	X Y Z	4.42 4.31 4.30	66.59 66.26	16.28 16.05	0.46	130.0	± 9.6 %
10577- AAA		Z		The second second second			130.0	
10577- AAA		Z		The second second second				
10577- AAA				66.63	16.21		130.0	
10578-	and the second s	X	4.45	66.80	16.37	0.46	130.0	± 9.6 %
10578-		Y	4.34	66.48	16.14		130.0	
10578-		Z	4.33	66.87	16.32		130.0	
10578-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	X	4.61	67.03	16.52	0.46	130.0	±9.6 %
	OFDM, 12 Mbps, 90pc duty cycle)	Y	4.49	66.71	16.29	0.10	130.0	2 0.0 70
		Z	4.48	67.07	16.45		130.0	
1001	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 %
	Or Diff, 10 Hisps, sope duty cycle)	Y	4.40	66.85	16.40		130.0	
		Z	4.39	67.23	16.57		130.0	
10579-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	X	4.26	66.33	15.85	0.46	130.0	±9.6 %
AAA	OFDM, 24 Mbps, 90pc duty cycle)	Y	1 17552-575		100000	0.40	10535	I 9.0 %
			4.14	65.96	15.59		130.0	
40500	IEEE OOD 44 - WIELD 4 OLL- IDOOG	Z	4.13	66.29	15.75	0.40	130.0	10000
10580- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 90pc duty cycle)	X	4.29	66.37	15.87	0.46	130.0	±9.6 %
		Y	4.17	66.01	15.60		130.0	
		Z	4.14	66.28	15.72	0.10	130.0	
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	
III W	Control of the last of the las	Z	4.31	67.34	16.57	I de la constantina	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 %
		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)	Х	4.42	66.59	16.28	0.46	130.0	± 9.6 %
		Y	4.31	66.26	16.05		130.0	
		Z	4.30	66.63	16.21		130.0	
10584- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	Х	4.45	66.80	16.37	0.46	130.0	± 9.6 %
		Y	4.34	66.48	16.14		130.0	
		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 %
	mape, seps addy cycle)	Y	4.49	66.71	16.29		130.0	
		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 %
		Y	4.14	65.96	15.59		130.0	
		Z	4.13	66.29	15.75		130.0	V
10588- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	4.29	66.37	15.87	0.46	130.0	±9.6 %
		Y	4.17	66.01	15.60		130.0	
		Z	4.14	66.28	15.72		130.0	
10589- AAB	IEEE 802.11a/h WiFi 5 GHz (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	
		Z	4.31	67.34	16.57		130.0	
10590- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X	4.19	66.09	15.63	0.46	130.0	± 9.6 %
-NAD	mops, sope daty cycle)	Y	4.07	65.73	15.36		130.0	
		Z	4.05	66.04	15.51		130.0	

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10591- AAB MCS0, 90pc duty cyl 10592- IEEE 802.11n (HT M AAB MCS1, 90pc duty cyl 10593- AAB MCS2, 90pc duty cyl 10594- AAB MCS3, 90pc duty cyl 10595- AAB MCS3, 90pc duty cyl 10596- AAB MCS4, 90pc duty cyl 10597- AAB MCS5, 90pc duty cyl 10598- AAB MCS6, 90pc duty cyl 10599- AAB MCS7, 90pc duty cyl 10599- AAB MCS7, 90pc duty cyl 10600- AAB MCS1, 90pc duty cyl 10600- AAB MCS1, 90pc duty cyl 10601- AAB MCS2, 90pc duty cyl 10602- AAB MCS3, 90pc duty cyl 10603- AAB MCS3, 90pc duty cyl 10604- AAB MCS3, 90pc duty cyl 10605- AAB MCS5, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS3, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS3, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS3, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS4, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS5, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS6, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS6, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M AAB MCS7, 90pc duty cyl 10606- IEEE 802.11n (HT M								
10592- AAB MCS1, 90pc duty cy 10593- AAB MCS2, 90pc duty cy 10594- AAB MCS3, 90pc duty cy 10595- IEEE 802.11n (HT M AAB MCS3, 90pc duty cy 10596- AAB MCS4, 90pc duty cy 10597- IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10598- AAB IEEE 802.11n (HT M AAB MCS7, 90pc duty cy 10599- AAB IEEE 802.11n (HT M AAB MCS7, 90pc duty cy 10599- AAB IEEE 802.11n (HT M AAB MCS7, 90pc duty cy 10600- IEEE 802.11n (HT M AAB MCS1, 90pc duty cy 10601- IEEE 802.11n (HT M AAB MCS3, 90pc duty cy 10601- IEEE 802.11n (HT M AAB MCS3, 90pc duty cy 10603- IEEE 802.11n (HT M AAB MCS3, 90pc duty cy 10604- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10605- AAB IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M AAB MCS6, 90pc duty cy		X	4.58	66.69	16.41	0.46	130.0	± 9.6 %
AAB MCS1, 90pc duty cy 10593- AAB MCS2, 90pc duty cy 10594- AAB MCS3, 90pc duty cy 10595- AAB MCS4, 90pc duty cy 10596- AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10600- AAB MCS2, 90pc duty cy 10600- AAB MCS3, 90pc duty cy 10601- AAB MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS3, 90pc duty cy 10605- AAB MCS4, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS4, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy	ary cyclor	Y	4.47	66.39	16.20		130.0	
AAB MCS1, 90pc duty cy 10593- AAB MCS2, 90pc duty cy 10594- AAB MCS3, 90pc duty cy 10595- AAB MCS4, 90pc duty cy 10596- AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10600- AAB MCS2, 90pc duty cy 10600- AAB MCS3, 90pc duty cy 10601- AAB MCS2, 90pc duty cy 10601- AAB MCS3, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS3, 90pc duty cy 10605- AAB MCS4, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT NAAB MCS6, 90pc duty cy		Z	4.47	66.76	16.36		130.0	
10593- AAB MCS2, 90pc duty cy 10594- AAB MCS3, 90pc duty cy 10595- IEEE 802.11n (HT M AAB MCS4, 90pc duty cy 10596- IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10597- AAB IEEE 802.11n (HT M AAB MCS6, 90pc duty cy 10598- IEEE 802.11n (HT M AAB MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M AAB MCS7, 90pc duty cy 10600- IEEE 802.11n (HT M AAB MCS1, 90pc duty cy 10600- IEEE 802.11n (HT M AAB MCS1, 90pc duty cy 10601- IEEE 802.11n (HT M AAB MCS3, 90pc duty cy 10602- IEEE 802.11n (HT M AAB MCS3, 90pc duty cy 10603- IEEE 802.11n (HT M AAB MCS4, 90pc duty cy 10604- IEEE 802.11n (HT M AAB MCS4, 90pc duty cy 10605- IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M AAB MCS6, 90pc duty cy		X	4.69	66.97	16.53	0.46	130.0	±9.6 %
AAB MCS2, 90pc duty cy 10594- AAB MCS3, 90pc duty cy 10595- AAB MCS4, 90pc duty cy 10596- AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10600- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy	dty cycle)	Y	4.58	66.66	16.32		130.0	
AAB MCS2, 90pc duty cy 10594- AAB MCS3, 90pc duty cy 10595- AAB MCS4, 90pc duty cy 10596- AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10600- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy								
AAB MCS2, 90pc duty cy 10594- AAB MCS3, 90pc duty cy 10595- AAB MCS4, 90pc duty cy 10596- AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10600- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy	##### # DOLEH	Z	4.56	67.00	16.47	0.40	130.0	
AAB MCS3, 90pc duty cy 10595- IEEE 802.11n (HT M MCS4, 90pc duty cy 10596- AAB IEEE 802.11n (HT M MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB IEEE 802.11n (HT M MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10600- IEEE 802.11n (HT M MCS0, 90pc duty cy 10601- IEEE 802.11n (HT M MCS1, 90pc duty cy 10602- IEEE 802.11n (HT M MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy		×	4.61	66.84	16.38	0.46	130.0	± 9.6 %
AAB MCS3, 90pc duty cy 10595- IEEE 802.11n (HT M MCS4, 90pc duty cy 10596- AAB IEEE 802.11n (HT M MCS5, 90pc duty cy 10597- IEEE 802.11n (HT M MCS6, 90pc duty cy 10598- IEEE 802.11n (HT M MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M MCS0, 90pc duty cy 10600- IEEE 802.11n (HT M MCS1, 90pc duty cy 10601- IEEE 802.11n (HT M MCS2, 90pc duty cy 10602- IEEE 802.11n (HT M MCS3, 90pc duty cy 10603- IEEE 802.11n (HT M MCS4, 90pc duty cy 10604- IEEE 802.11n (HT M MCS4, 90pc duty cy 10605- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy	- C.	Y	4.49	66.52	16.16		130.0	
AAB MCS3, 90pc duty cy 10595- IEEE 802.11n (HT M MCS4, 90pc duty cy 10596- AAB IEEE 802.11n (HT M MCS5, 90pc duty cy 10597- IEEE 802.11n (HT M MCS6, 90pc duty cy 10598- IEEE 802.11n (HT M MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M MCS0, 90pc duty cy 10600- IEEE 802.11n (HT M MCS1, 90pc duty cy 10601- IEEE 802.11n (HT M MCS2, 90pc duty cy 10602- IEEE 802.11n (HT M MCS3, 90pc duty cy 10603- IEEE 802.11n (HT M MCS4, 90pc duty cy 10604- IEEE 802.11n (HT M MCS4, 90pc duty cy 10605- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy		Z	4.48	66.87	16.32		130.0	
AAB MCS4, 90pc duty cy 10596- IEEE 802.11n (HT M MCS5, 90pc duty cy 10597- AAB IEEE 802.11n (HT M MCS6, 90pc duty cy 10598- IEEE 802.11n (HT M MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M MCS0, 90pc duty cy 10600- IEEE 802.11n (HT M MCS1, 90pc duty cy 10601- IEEE 802.11n (HT M MCS2, 90pc duty cy 10602- IEEE 802.11n (HT M MCS3, 90pc duty cy 10603- IEEE 802.11n (HT M MCS4, 90pc duty cy 10604- IEEE 802.11n (HT M MCS5, 90pc duty cy 10605- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy		X	4.66	67.02	16.56	0.46	130.0	± 9.6 %
AAB MCS4, 90pc duty cy 10596- IEEE 802.11n (HT M MCS5, 90pc duty cy 10597- IEEE 802.11n (HT M MCS6, 90pc duty cy 10598- IEEE 802.11n (HT M MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M MCS0, 90pc duty cy 10600- IEEE 802.11n (HT M MCS1, 90pc duty cy 10601- IEEE 802.11n (HT M MCS1, 90pc duty cy 10602- IEEE 802.11n (HT M MCS2, 90pc duty cy 10603- IEEE 802.11n (HT M MCS3, 90pc duty cy 10604- IEEE 802.11n (HT M MCS4, 90pc duty cy 10605- IEEE 802.11n (HT M MCS5, 90pc duty cy 10605- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy	- Charles	Y	4.55	66.71	16.34		130.0	
AAB MCS4, 90pc duty cy 10596- IEEE 802.11n (HT M MCS5, 90pc duty cy 10597- IEEE 802.11n (HT M MCS6, 90pc duty cy 10598- IEEE 802.11n (HT M MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M MCS0, 90pc duty cy 10600- IEEE 802.11n (HT M MCS1, 90pc duty cy 10601- IEEE 802.11n (HT M MCS1, 90pc duty cy 10602- IEEE 802.11n (HT M MCS2, 90pc duty cy 10603- IEEE 802.11n (HT M MCS3, 90pc duty cy 10604- IEEE 802.11n (HT M MCS4, 90pc duty cy 10605- IEEE 802.11n (HT M MCS5, 90pc duty cy 10605- IEEE 802.11n (HT M MCS5, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy		Z	4.54	67.06	16.50		130.0	
AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS7, 90pc duty cy 10599- AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10605- AAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy		X	4.63	67.00	16.46	0.46	130.0	± 9.6 %
AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB IEEE 802.11n (HT MAB MCS7, 90pc duty cy 10599- AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy	Contraction of the Contraction o	Y	4.51	66.68	16.25		130.0	
AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB IEEE 802.11n (HT MAB MCS7, 90pc duty cy 10599- AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy		Z	4.50	67.04	16.41	81 12	130.0	
AAB MCS5, 90pc duty cy 10597- AAB MCS6, 90pc duty cy 10598- AAB IEEE 802.11n (HT MAB MCS7, 90pc duty cy 10599- AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS5, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT MAB MCS6, 90pc duty cy	(HT Mixed, 20MHz.	X	4.56	66.95	16.45	0.46	130.0	± 9.6 %
AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N MCS5, 90pc duty cy		Y	4.44	66.62	16.22	10-10-50,000	130.0	070-090-000
AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N MCS5, 90pc duty cy		Z	4.42	66.95	16.38		130.0	
AAB MCS6, 90pc duty cy 10598- AAB MCS7, 90pc duty cy 10599- AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N MCS5, 90pc duty cy	/LIT Mixed 2014Lin	X	4.42	66.82	16.30	0.46		+000
AAB MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10605- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy		5000	7,525	HS-GA-795	18708	0.46	130.0	± 9.6 %
AAB MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy		Y	4.39	66.48	16.06		130.0	
AAB MCS7, 90pc duty cy 10599- IEEE 802.11n (HT M MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS1, 90pc duty cy 10602- AAB MCS2, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M MCS6, 90pc duty cy		Z	4.38	66.82	16.22		130.0	
AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N M MCS6, 90pc duty cy		×	4.51	67.06	16.58	0.46	130.0	± 9.6 %
AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy	-Worst Land A	Y	4.39	66.73	16.35		130.0	
AAB MCS0, 90pc duty cy 10600- AAB MCS1, 90pc duty cy 10601- AAB MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS3, 90pc duty cy 10604- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N M MCS6, 90pc duty cy		Z	4.39	67.10	16.52		130.0	
AAB MCS1, 90pc duty cy 10601- IEEE 802.11n (HT N MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10604- AAB MCS6, 90pc duty cy 10605- AAB MCS6, 90pc duty cy		×	5.26	67.16	16.67	0.46	130.0	± 9.6 %
AAB MCS1, 90pc duty cy 10601- IEEE 802.11n (HT N MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB IEEE 802.11n (HT N MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB IEEE 802.11n (HT N MCS6, 90pc duty cy	All Maria	Y	5.19	66.95	16.55		130.0	
AAB MCS1, 90pc duty cy 10601- IEEE 802.11n (HT N MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10604- AAB MCS6, 90pc duty cy 10605- AAB MCS6, 90pc duty cy		Z	5.18	67.23	16.69		130.0	
AAB MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy		×	5.35	67.49	16.81	0.46	130.0	± 9.6 %
AAB MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy	TATE OF THE PARTY	Y	5.29	67.35	16.72		130.0	
AAB MCS2, 90pc duty cy 10602- AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N MCS6, 90pc duty cy		Z	5.23	67.44	16.76		130.0	
10602- AAB IEEE 802.11n (HT N MCS3, 90pc duty cy 10603- AAB IEEE 802.11n (HT N MCS4, 90pc duty cy 10604- AAB IEEE 802.11n (HT N MCS5, 90pc duty cy 10605- AAB IEEE 802.11n (HT N MCS6, 90pc duty cy		X	5.26	67.29	16.73	0.46	130.0	± 9.6 %
AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N MCS6, 90pc duty cy		Y	5.19	67.12	16.62		130.0	
AAB MCS3, 90pc duty cy 10603- AAB MCS4, 90pc duty cy 10604- AAB MCS5, 90pc duty cy 10605- AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N MCS6, 90pc duty cy		Z	5.20	67.45	16.79		130.0	
10603- AAB IEEE 802.11n (HT N MCS4, 90pc duty cy 10604- AAB IEEE 802.11n (HT N MCS5, 90pc duty cy 10605- AAB IEEE 802.11n (HT N MCS6, 90pc duty cy		×	5.35	67.29	16.64	0.46	130.0	± 9.6 %
AAB MCS4, 90pc duty cy 10604- IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10605- IEEE 802.11n (HT M AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M	THE STANCE OF TH	Y	5.27	67.10	16.53		130.0	
AAB MCS4, 90pc duty cy 10604- IEEE 802.11n (HT M AAB MCS5, 90pc duty cy 10605- IEEE 802.11n (HT M AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT M		Z	5.22	67.23	16.59		130.0	
10604- IEEE 802.11n (HT N MCS5, 90pc duty cy 10605- AAB IEEE 802.11n (HT N MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N		X	5.42	67.60	16.94	0.46	130.0	± 9.6 %
AAB MCS5, 90pc duty cy 10605- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N		Y	5.33	67.37	16.81		130.0	
AAB MCS5, 90pc duty cy 10605- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N		Z	5.26	67.44	16.84		130.0	
10605- IEEE 802.11n (HT N AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N		X	5.29	67.20	16.71	0.46	130.0	± 9.6 %
AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N	-1, 275007	Y	5.19	66.89	16.54		130.0	
AAB MCS6, 90pc duty cy 10606- IEEE 802.11n (HT N		Z	5.14	67.01	16.59		130.0	
10606- IEEE 802.11n (HT N		X	5.34	67.34	16.78	0.46	130.0	± 9.6 %
	ari ajaraj	Y	5.26	67.13	16.66		130.0	
		Z	5.20	67.25	16.72		130.0	
AAD INICOT, SUPE duty Cy		X	5.14	66.81	16.37	0.46	130.0	± 9.6 %
The state of the s	uty cycle)	Y	E 06	66.60	16.0F		120.0	
		Z	5.06	66.62 66.87	16.25		130.0	

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10607- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.43	66.05	16.06	0.46	130.0	± 9.6 %
		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 %
- Contraction		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)	X	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		130.0	
10612- AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	4.41	66.27	16.06	0.46	130.0	±9.6 %
		Y	4.28	65.89	15.81		130.0	
		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	
- VIII	AND THE RESIDENCE OF THE PARTY	Z	4.26	66.05	15.81	100000	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	
	Later the part of	Z	4.25	66.33	16.10	ASSES.	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	
HILDON.	The same of the sa	Z	4.27	65.99	15.72	2000	130.0	a sections
10616- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	×	5.07	66.34	16.25	0.46	130.0	± 9.6 %
	100	Y	4.97	66.04	16.07		130.0	
0000	III TO UNIT TO THE TOTAL TO THE	Z	4.96	66.31	16.21		130.0	
10617- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	X	5.10	66.45	16.28	0.46	130.0	± 9.6 %
		Y	5.00	66.15	16.11		130.0	
	Water was the common second	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 %
	-0.75 - X - 22 - 10	Y	4.96	66.11	16.03		130.0	
	NAME OF TAXABLE PARTY.	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 %
	The state of the s	Y	5.01	66.06	16.05		130.0	
10621-	IEEE 802.11ac WiFi (40MHz, MCS5,	X	4.98 5.12	66.26 66.47	16.16 16.41	0.46	130.0	± 9.6 %
AAB	90pc duty cycle)		E 00	00.40	40.00		400.0	
		Y	5.02	66,16	16.23		130.0	
10000	IEEE 900 44 or WIEL (4014) - 14000	Z	5.00	66.43	16.37	0.40	130.0	+000
10622- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	×	5.10	66.55	16.44	0.46	130.0	±9.6 %
		Y	5.00	66.25	16.27		130.0	
		Z	4.99	66.50	16.40		130.0	-

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10623- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.00	66.11	16.08	0.46	130.0	± 9.6 %
		Y	4.90	65.81	15.90		130.0	1
		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)	Y	15/59	10000000000000000000000000000000000000	134513430	0.40	0.7/20042	1 9.0 %
			5.19	66.27	16.28		130.0	
40000	1555 000 11 1155 1001 11 11000	Z	5.16	66.52	16,40		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 %
	The state of the s	Y	5.56	66.76	16.37		130.0	
		Z	5.52	66.91	16.44		130.0	
10628- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	×	5.39	66.34	16.09	0.46	130.0	± 9.6 %
Ortise)	Selection of the select	Y	5.30	66.04	15.92		130.0	
		Z	5.29	66.26	16.04		130.0	
10629- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	×	5.50	66.54	16.19	0.46	130.0	± 9.6 %
7111.0.	- Committee out	Y	5.44	66.36	16.08		130.0	
		Z	5.44	66.63	16.23	1	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 %
	cope day of ore	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)	X	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)	X	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)	X	5.42	66.43	16.17	0.46	130.0	± 9.6 %
	30,000	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 %
		Y	5.35	66.31	16.16		130.0	
		Z	5.35	66.57	16.29		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 %
		Y	5.21	65.54	15.48		130.0	
		Z	5.19	65.76	15.60		130.0	
10636-	IEEE 802.11ac WiFi (160MHz, MCS0,	X	5.84	66.72	16.29	0.46	130.0	±9.6 %
AAC	90pc duty cycle)	Y	500000000		5050974	0.40	71-70-00 mm	1 3.0 %
			5.76	66.45	16.15		130.0	
10637-	IEEE 802.11ac WiFi (160MHz, MCS1,	X	5.76 5.95	67.01	16.26 16.43	0.46	130.0	± 9.6 %
AAC	90pc duty cycle)	Y	5.00	66.76	16.20		120.0	-
			5.88	66.76	16.30		130.0	
10620	IEEE 802.11ac WiFi (160MHz, MCS2.	Z	5.85	66.89	16.37	0.40	130.0	1000
10638- AAC	90pc duty cycle)	×	5.98	67.09	16.44	0.46	130.0	± 9.6 %
		Y	5.91	66.84	16.31		130.0	
		Z	5.91	67.08	16.44		130.0	

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10639-	IEEE 802.11ac WiFi (160MHz, MCS3,	X	5.93	66.96	16.42	0.46	130.0	± 9.6 %
AAC	90pc duty cycle)						100.0	20.0 70
		Y	5.85	66.68	16.27		130.0	
10010	IEEE 000 440 - WIEI (4000 W. 1 1000 4	Z	5.84	66.87	16.37	-	130.0	
10640- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	5.89	66.83	16.30	0.46	130.0	± 9.6 %
		Y	5.79	66.50	16.13		130.0	
10011		Z	5.76	66.65	16.20		130.0	
10641- AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	X	5.99	66.93	16.36	0.46	130.0	± 9.6 %
		Y	5.93	66.70	16.25		130.0	
10010	1555 000 44 1455 7150 11 1155	Z	5.89	66.83	16.32		130.0	
10642- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	X	6.01	67.13	16.63	0.46	130.0	±9.6 %
		Y	5.93	66.84	16.49		130.0	
40010		Z	5.91	67.00	16.57		130.0	
10643- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	5.86	66.81	16.36	0.46	130.0	± 9.6 %
		Y	5.78	66.52	16.22		130.0	
10011	IEEE OOG 11 1100	Z	5.75	66.66	16.29		130.0	
10644- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	5.91	66.99	16.47	0.46	130.0	± 9.6 %
		Y	5.82	66.67	16.31		130.0	
1001-	THE SECOND STATE OF THE SE	Z	5.80	66.82	16.38		130.0	
10645- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	×	6.04	67.04	16.47	0.46	130.0	± 9.6 %
		Y	5.97	66.82	16.36		130.0	
		Z	5.92	66.90	16.40		130.0	- 2
10646- AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	5.85	87.94	30.48	9.30	60.0	± 9.6 %
		Y	5.37	85.81	29.63		60.0	
		Z	4.49	83.14	29.09		60.0	
10647- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	X	5.17	85.51	29.66	9.30	60.0	± 9.6 %
		Y	4.78	83.60	28.89		60.0	
		Z	4.02	80.87	28.26		60.0	
10648- AAA	CDMA2000 (1x Advanced)	X	0.51	61.76	8.43	0.00	150.0	± 9.6 %
		Y	0.38	60.00	6.13		150.0	
		Z	0.38	60.10	6.48		150.0	
10652- AAB	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.13	65.98	15.78	2.23	80.0	±9.6 %
	- 2007 XV 10	Y	2.93	65.12	15.15		0.08	
		Z	3.02	66.07	15.57		80.0	
10653- AAB	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	×	3.69	65.40	16.13	2.23	80.0	±9.6 %
		Y	3.54	64.83	15.74		80.0	
		Z	3.60	65.47	16.04		80.0	
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 %
HEAT NO.	DOWNER OF THE PARTY OF THE PART	Y	3.58	64.50	15.83		80.0	
		Z	3.65	65.07	16.11		80.0	
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 %
SU-512-7	Serven cores cotton	Y	3.67	64.43	15.88		80.0	
		Z	3.74	64.95	16.16		80.0	
10658- AAA	Pulse Waveform (200Hz, 10%)	Х	4.43	71.88	12.89	10.00	50.0	±9.6 %
THE KINDS		Y	2.96	67.08	10.79		50.0	
		Z	4.92	73.02	13.29		50.0	
10659- AAA	Pulse Waveform (200Hz, 20%)	X	21.85	87.99	16.66	6.99	60.0	± 9.6 %
		Y	1.49	64.48	8.54		60.0	

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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	
the east	The second secon	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.

1.1. D2450V2 Dipole Calibration Certificate

Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Client

CCIC-HTW (Auden)

Accreditation No.: SCS 0108

Certificate No: D2450V2-1009_Feb18

CALIBRATION CERTIFICATE

Object

D2450V2 - SN:1009

Calibration procedure(s)

QA CAL-05.v9

Calibration procedure for dipole validation kits above 700 MHz

Calibration date:

February 05, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^{\circ}$ C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards	ID # SN: 104778 SN: 103244 SN: 103245 SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02522) 07-Apr-17 (No. 217-02528) 07-Apr-17 (No. 217-02529) 30-Dec-17 (No. EX3-7349_Dec17) 26-Oct-17 (No. DAE4-601_Oct17) Check Date (in house)	Scheduled Calibration Apr-18 Apr-18 Apr-18 Apr-18 Apr-18 Oct-18
Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer HP 8753E	SN: GB37480704 SN: US37292783 SN: MY41092317 SN: 100972 SN: US37390585	07-Oct-15 (in house check Oct-16) 07-Oct-15 (in house check Oct-16) 07-Oct-15 (in house check Oct-16) 15-Jun-15 (in house check Oct-16) 18-Oct-01 (in house check Oct-17)	Scheduled Check In house check: Oct-18
Calibrated by:	Name Leif Klysner	Function Laboratory Technician	Signature Sel Eller
Approved by:	Katja Pokovic	Technical Manager	LCU4

Issued: February 6, 2018

Certificate No: D2450V2-1009_Feb18

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

Calibration Laboratory of

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





Schweizerischer Kalibrierdienst

C Service suisse d'étalonnage

Accreditation No.: SCS 0108

Servizio svizzero di taratura
Swiss Calibration Service

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
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

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: D2450V2-1009_Feb18

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Measurement Conditions

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

DASY Version	DASY5	
Extrapolation	Advanced Extrapolation	V52.10.0
hantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy , $dz = 5 mm$	with Spacer
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.9 ± 6 %	1.87 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

input power 13.2 W/kg
zed to 1W 51.5 W/kg ± 17.0 % (k=
ıli:

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.13 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.1 W/kg ± 16.5 % (k-2)

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.7	1.95 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.4 ± 6 %	2.04 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	12.7 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	49.4 W/kg ± 17.0 % (k=2)

mW input power	
mipat power	5.92 W/kg
	23.3 W/kg ± 16.5 % (k=2)
	malized to 1W

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	50.0	
Return Loss	$53.8 \Omega + 2.2 j\Omega$	
2000	- 27.4 dB	

Antenna Parameters with Body TSL

Impedance, transformed to feed point	40.00
Return Loss	$49.9 \Omega + 4.6 j\Omega$
	- 26.7 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.152 ns
	1.102 113

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 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 17, 2017

DASY5 Validation Report for Head TSL

Date: 05.02.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:1009

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; σ = 1.87 S/m; ϵ_r = 37.9; ρ = 1000 kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

Probe: EX3DV4 - SN7349; ConvF(7.88, 7.88, 7.88); Calibrated: 30.12.2017;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn601; Calibrated: 26.10.2017

Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001

DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

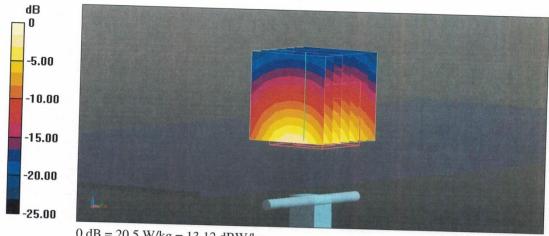
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 111.8 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 26.6 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.13 W/kg

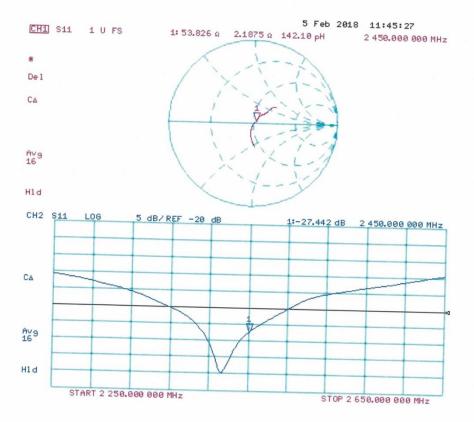
Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg = 13.12 dBW/kg

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Impedance Measurement Plot for Head TSL



DASY5 Validation Report for Body TSL

Date: 05.02.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:1009

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; σ = 2.04 S/m; ϵ_r = 51.4; ρ = 1000 kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

Probe: EX3DV4 - SN7349; ConvF(8.01, 8.01, 8.01); Calibrated: 30.12.2017;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn601; Calibrated: 26.10.2017

Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002

DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

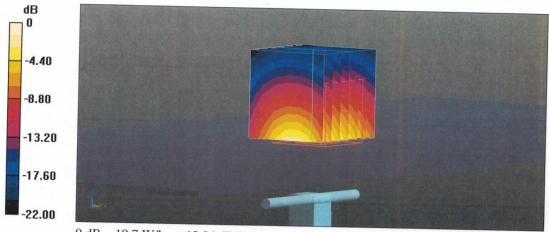
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.2 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 25.5 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.92 W/kg

Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

Impedance Measurement Plot for Body TSL

