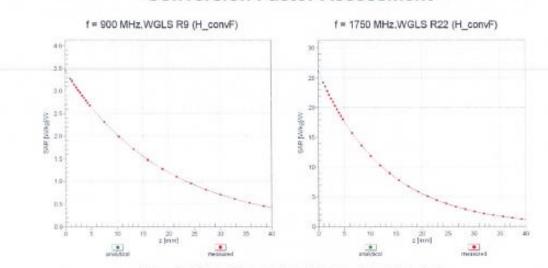
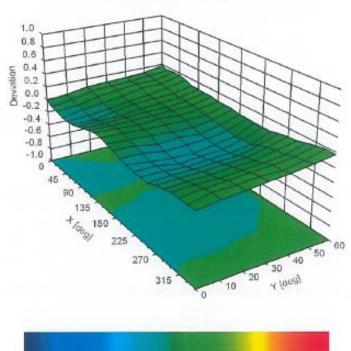


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Conversion Factor Assessment



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



-1.0 -0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4 Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:3759

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-1.3
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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Appendix: Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	196.6	± 3.5 %
		Y	0.00	0.00	1.00	0.00	173.4	200
		Z	0.00	0.00	1.00		184.7	
10010- CAA	SAR Validation (Square, 100ms, 10ms)	×	2.33	65.72	10.32	10.00	20.0	±9.6 %
200000		Y	4.70	74.09	14.23		20:0	
		Z	2.50	65.82	10.56		20.0	
10011- CAB	UMTS-FDD (WCDMA)	X	0.82	64.61	13.00	0.00	150.0	±9.6 %
		Y	0.96	66.19	14.43		150.0	
		Z	0.81	65.02	13.15		150.0	
10012- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	X	1.06	62.79	14.23	0.41	150.0	±9.6 %
		Y	1.17	63.77	15.05		150.0	
DESTROSC-		Z	1.05	63.09	14.40		150.0	
10013- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps)	×	4.75	66.48	16.94	1.46	150.0	±9.6 %
	Company Conference	Y	4.90	66.71	17.09		150.0	
		Z	4.74	66.56	16.96		150.0	
10021- DAC	GSM-FDD (TDMA, GMSK)	×	100.00	113.54	27.20	9.39	50.0	±9.6 %
300000		Y	100.00	117.10	26.93		50.0	
		Z	100.00	113.57	27.48		50.0	
10023- DAC	GPRS-FDD (TDMA, GMSK, TN 0)	X	100.00	113.18	27.08	9.57	50.0	±9.6 %
		Y	100.00	116.77	28.82		50.0	
		Z	100.00	113.33	27.42	220000	50.0	
10024- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	×	100.00	111.17	25.03	6.56	60.0	±9.6 %
		Y	100.00	115.70	27.38		60.0	
	Annual Control of the	2	100.00	110.16	24.82		60.0	
10025- DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	×	3.96	68.09	24.76	12.57	50.0	±9.6 %
		Y	6.45	84.18	33.68		50.0	
		Z	3.95	66.98	23.71		50.0	
10026- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	X	8.81	91.01	32.27	9.56	60.0	±9.6 %
		Y	14.33	103.33	36.99		60.0	
		Z	9.84	92.33	32.30		60.0	
10027- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	X	100.00	109.91	23.68	4.80	0.08	± 9.6 %
		Y	100.00	116.12	26.85		80.0	
1000		Z	100.00	108.13	23.12	4000000	80.0	
10028- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	×	100.00	108.60	22.41	3.55	100.0	±9.6 %
		Υ	100.00	117.50	26.78		100.0	
10055	FROM FROM CROWN AND AND AND AND AND AND AND AND AND AN	Z	100.00	106.16	21.57		100.0	5-09-00
10029- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	×	5.69	81,09	27.21	7.80	80.0	±9.6 %
		Y	7.91	88.40	30.27		80.0	
10030- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	X	6.40 100.00	82.89 108.69	27.60 23.44	5.30	80.0 70.0	±9.6 %
UAA.		Y	100.00	11/ 15	26.27		70.0	
			100.00	114.15	26.27		70.0	
10031-	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Z	100.00	107.47 96.91	23.12 16.29	1.88	70.0	+0.00
CAA	ILLE BOZ. 13.1 BIGGIOGII (GP-SN, DPIS)					1.88		± 9.6 %
		Y	100.00	115.98	24.77		100.0	
		Z	1.42	68.65	9.07		100.0	

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10032-	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Х	0.21	60.00	4.41	1.17	100.0	± 9.6 %
CAA	The state of the s							
		Y	100.00	119.38	25.17		100.0	
		Z	0.23	60.00	4.22		100.0	
10033- CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Х	15.56	97.63	25.77	5.30	70.0	±9.6 %
-		Y	100.00	129.32	35.00		70.0	
		Z	14.06	94.36	24.43		70.0	
10034-	IEEE 802.15.1 Bluetooth (PI/4-DQPSK.	Х	2.47	73.76	15.94	1.88	100.0	±9.6 %
CAA	DH3)	Y	5.68	85.89	21.48	1000	100.0	
		Z	2.69	74.13	15.79		100.0	
10035-	IEEE 802.15.1 Bluetooth (PI/4-DQPSK,	X	1.55	69.04	13.61	1.17	100.0	±9.6 %
CAA	DH5)	2						
		Y	2.74	76.75	17.96		100.0	
usesso se se		Z	1.65	69.41	13.52		100.0	
10036- CAA	IEEE 802,15,1 Bluetooth (8-DPSK, DH1)	X	26.25	105.76	28.09	5.30	70.0	± 9.6 %
		Y	100.00	129.75	35.21		70.0	
		Z	22.10	101.22	26.45		70.0	
10037-	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	X	2.29	72.93	15.58	1.88	100.0	±9.6%
CAA	ILLE OVE. TO. I DIDERSOUN (0-DF-SN, DRS)				· · · · · · · · · · · · · · · · · · ·	1.00	20023001	2.0.70
		Y	5.16	84.61	21.03		100.0	
		Z	2.49	73.27	15.43	4.10	100.0	
10038- CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Х	1.57	69.38	13.87	1.17	100.0	± 9.6 %
427.00		Y	2.79	77.26	18.27		100.0	
		Z	1.68	69.84	13.81		100.0	
10039- CAB	CDMA2000 (1xRTT, RC1)	×	1.08	65.59	11.46	0.00	150.0	± 9.6 %
UP III		Y	1.61	70.06	14.76		150.0	
		ż	1.06	65.68	11.34		150.0	
10042- CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4- DQPSK, Halfrate)	X	100.00	108.33	24.00	7.78	50.0	± 9.6 %
CAD	DQF3N, Fidiliate)	Y	100.00	112.59	26.15		50.0	
							50.0	
10044-	IS-91/EIA/TIA-553 FDD (FDMA, FM)	X	0.13	108.01 122.60	6.71	0.00	150.0	± 9.6 %
CAA		37	0.00	105.01	0.00		450.0	
		Y	0.00	105.21	9.60		150.0	
		Z	0.29	126.05	7.74	100000	150.0	
10048- CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	X	44.32	101.19	25.43	13.80	25.0	± 9.6 %
		Y	100.00	117.80	30.49		25.0	
		Z	16.55	88.46	22.34		25.0	
10049- CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	Х	96.20	112.09	27.05	10.79	40.0	± 9.6 %
-		Y	100.00	116.04	28.74		40.0	
		Z	21.78	93.24	22.57		40.0	
10056-	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	X	25.89	101.25	27.24	9.03	50.0	± 9.6 %
CAA		Y	100.00	126.03	34.65		50.0	
		_					50.0	
40050	FROM FROM ARRAY THE A CO.	Z	16.13	92.71	24.56	per		+000
10058- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	X	4.42	76.21	24.38	6.55	100.0	± 9.6 %
		Y	5.72	81.33	26.62		100.0	
Total Control	Assessment of the second of th	Z	4.91	77.90	24.83	and the second	100.0	-
10059- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	X	1.10	63.87	14.86	0.61	110.0	± 9.6 %
	Colored Total	Y	1.23	65.18	15.84		110.0	
	Control of the second s	Z	1.11	64.36	15.09	- mar val	110.0	
10060-	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5	X	7,45	96.67	24.42	1.30	110.0	± 9.6 %
CAB	Mbps)					1,00		2.500
	S110057	Y	100.00 20.40	136.09 108.23	35.03 26.87		110.0	-
		Z						

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10061- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	X	2.79	79.80	21.58	2.04	110.0	± 9.6 %
		Y	4.85	88.66	25.17		110.0	
		Z	3.59	83.15	22.48		110.0	
10062- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	X	4.53	66.35	16.28	0.49	100.0	± 9.6 %
		Y	4.68	66.62	16.44		100.0	
		Z	4.51	66.42	16.30		100.0	
10063-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9	X	4.55	66.46	16.39	0.72	100.0	± 9.6 %
CAC	Mbps)	Y	4.70	66.73	16.56	.00.0	100.0	20.0 %
		Z	4.53	66.53	16.41		100.0	
10064- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	X	4.82	66.74	16.64	0.86	100.0	± 9.6 %
		Y	5.00	67.02	16.81		100.0	
		Z	4.81	66.80	16.66		100.0	
10065- CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	X	4.70	66.64	16.75	1.21	100.0	± 9.6 %
		Y	4.87	66.96	16.94		100.0	
		Z	4.69	66.72	16.77		100.0	
10066- CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	X	4.73	66.69	16.94	1.46	100.0	±9.6 %
		Y	4.90	67.01	17.13		100.0	
	No. of the last of	Z	4.72	66.78	16.96		100.0	
10067- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	X	5.03	66.95	17.44	2.04	100.0	± 9.6 %
		Y	5.19	67.17	17.59		100.0	
and where		Z	5.03	67.06	17.46		100.0	
10068- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	X	5.08	66.98	17.66	2.55	100.0	± 9.6 %
100000		Y	5.26	67.30	17.86		100.0	
		Z	5.08	67.09	17.68		100.0	
10069- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	X	5.16	67.01	17.86	2.67	100.0	± 9.6 %
50511	Charles Control of the Control of th	Y	5.34	67.27	18.04		100.0	
.02	0.000	Z	5.16	67.13	17.89		100.0	
10071- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	X	4.86	66.60	17.27	1.99	100.0	± 9.6 %
2700		Y	5.00	66.83	17.42		100.0	
		Z	4.85	66.69	17.29		100.0	
10072- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	X	4.84	66.92	17.49	2.30	100.0	± 9.6 %
	No. 200 Control of the Control of th	Y	4.99	67.21	17.68		100.0	
		Z	4.84	67.04	17.53		100.0	
10073- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	Х	4.91	67.13	17.85	2.83	100.0	± 9.6 %
	(m - Vi)	Y	5.06	67.41	18.04		100.0	
-		Z	4.92	67.28	17.89	200 2700	100.0	3477
10074- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	×	4.91	67.06	18.02	3.30	100.0	± 9.6 %
		Y	5.05	67.33	18.22		100.0	
		Z	4.93	67.24	18.07		100.0	
10075- CAB	(DSSS/OFDM, 36 Mbps)	X	4.95	67.18	18.34	3.82	90.0	±9.6 %
		Y	5.10	67.51	18.58		90.0	
		Z	4.98	67.38	18.39		90.0	
10076- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	X	4.97	67.01	18.48	4.15	90.0	±9.6 %
		Y	5.10	67.27	18.69		90.0	
		Z	5.02	67.23	18.55		90.0	
10077- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	X	5.00	67.09	18.59	4.30	90.0	± 9.6 %
		Y	5.13	67.33	18.79		90.0	

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10081- CAB	CDMA2000 (1xRTT, RC3)	Х	0.55	61.87	8.84	0.00	150.0	±9.6 %
- (No.)		Υ	0.77	64.72	11.77	7 3	150.0	
		Z	0.52	61.69	8.50		150.0	
10082- CAB	IS-54 / IS-136 FDD (TDMA/FDM, Pl/4- DQPSK, Fullrate)	X	0.74	60.00	4.43	4.77	80.0	± 9.6 %
		Υ	0.85	60.00	4.95		80.0	
		Z	0.83	60.00	4.63		80.0	
10090- DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	X	100.00	111.28	25.10	6.56	60.0	±9.6 %
		Y	100.00	115.76	27.43		60.0	
		Z	100.00	110.27	24.89		60.0	
10097- CAB	UMTS-FDD (HSDPA)	X	1.60	65.98	14.26	0.00	150.0	± 9.6 %
		Y	1.76	66.96	15.19		150.0	
		Z	1.59	66.29	14.39		150.0	
10098- CAB	UMTS-FDD (HSUPA, Subtest 2)	X	1.56	65.91	14.21	0.00	150.0	±9.6 %
		Y	1.72	66.91	15.15		150.0	
		Z	1.56	66.22	14.34		150.0	
10099- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	X	8.87	91.15	32.31	9.56	60.0	±9.6 %
		Y	14.47	103.54	37.06		60.0	
10107		Z	9.90	92.43	32.33		60.0	1.5.5.5
10100- CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	2.79	68.59	15.64	0.00	150.0	±9.6 %
	100000000000000000000000000000000000000	Y	3.04	69.80	16.31		150.0	
		Z	2.80	68.86	15.75		150.0	
10101- CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	3.03	66.57	15.28	0.00	150.0	±9.6 %
		Y	3.20	67.25	15.69		150.0	
		Z	3.01	66.69	15.34		150.0	
10102- CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz. 64-QAM)	X	3.14	66.60	15.41	0.00	150.0	±9.6 %
		Y	3.31	67.24	15.79		150.0	
		Z	3.12	66.73	15.47		150.0	
10103- CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	5.97	75.10	20.26	3.98	65.0	±9.6 %
	(A)	Y	7.36	78.24	21.54		65.0	
		Z	6.43	76.00	20.48		65.0	
10104- CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	×	6.02	73.24	20.24	3.98	65.0	± 9.6 %
		Y	6.93	75.40	21.20		65.0	
		Z	6.28	73.73	20.33		65.0	
10105- CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	5.56	71.54	19.79	3.98	65.0	± 9.6 %
		Y	6.52	74.14	20.96		65.0	
		Z	5.94	72.54	20.12		65.0	
10108- CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	2.42	67.88	15.43	0.00	150.0	± 9.6 %
		Y	2.66	69.00	16.11		150.0	
		Z	2.42	68.16	15.56		150.0	
10109- CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	Х	2.67	66.35	15.07	0.00	150.0	± 9.6 %
		Y	2.86	67.05	15.56		150.0	
		Z	2.66	66.50	15.15		150.0	
10110- CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	×	1.92	66.90	14.85	0.00	150.0	±9.6 %
2013072		Y	2.15	68.03	15.68		150.0	
N==908105	The second secon	Z	1.92	67.19	14.98		150.0	CE22297
10111- CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	×	2.35	66.93	15.09	0.00	150.0	±9.6 %
-	only service (s.)	Y	2.56	67.71	15.78		150.0	
		Z	2.35	67.19	15.21		150.0	

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10112- CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	2.80	66.42	15.18	0.00	150.0	± 9.6 %
		Y	2.98	67.06	15.63		150.0	
		Z	2.79	66.57	15.25		150.0	
10113- CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	Х	2.50	67.16	15.29	0.00	150.0	± 9.6 %
		Y	2.71	67.87	15.93		150.0	
		Z	2.50	67.43	15.41		150.0	
10114- CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	X	4.98	66.83	16.20	0.00	150.0	± 9.6 %
307.100	mope, or one	Y	5.10	67.07	16.29		150.0	
		Z	4.96	66.86	16.22		150.0	
10115- CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	X	5.25	66.92	16.26	0.00	150.0	± 9.6 %
		Y	5.40	67.23	16.38		150.0	
		Z	5.22	66.94	16.27		150.0	
10116- CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	X	5.07	67.00	16.22	0.00	150.0	± 9.6 %
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW		Y	5.20	67.27	16.32		150.0	
		Z	5.04	67.03	16.23		150.0	
10117- CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	X	4.95	66.68	16.15	0.00	150.0	± 9.6 %
		Y	5.07	66.96	16.25		150.0	
V-500-	Control of the Contro	Z	4.92	66.71	16.16		150.0	
10118- CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16- QAM)	X	5.33	67.14	16.38	0.00	150.0	± 9.6 %
1000000		Y	5.48	67.43	16.49		150.0	
1007750		Z	5.30	67.16	16.39		150.0	
10119- CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64- QAM)	Х	5.06	66.97	16.22	0.00	150.0	± 9.6 %
January.		Y	5.17	67.21	16.30		150.0	
		Z	5.03	67.00	16.23		150.0	
10140- CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	Х	3.16	66.61	15.33	0.00	150.0	± 9.6 %
	years conservation	Y	3.34	67.24	15.71		150.0	
and the second	CONTRACTOR OF THE CONTRACTOR O	Z	3.15	66.73	15.38		150.0	
10141- CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	3.29	66.77	15.54	0.00	150.0	±9.6 %
0000	SAME TO SECURITION OF THE SECU	Y	3.47	67.35	15.89		150.0	
		Z	3.28	66.89	15.60		150.0	
10142- CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	1.67	66.50	14.13	0.00	150.0	± 9.6 %
	F-50007	Y	1.92	67.89	15.30		150.0	
		Z	1.66	66.82	14.25		150.0	
10143- CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	2.12	67.00	14.26	0.00	150.0	± 9.6 %
		Y	2.40	68.29	15.45		150.0	
		Z	2.12	67.29	14.37		150.0	
10144- CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	1.93	64.97	12.74	0.00	150.0	± 9.6 %
		Y	2.20	66.19	13.93		150.0	
		Z	1.91	65.07	12.74		150.0	
10145- CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	0.85	61.55	8.62	0.00	150.0	± 9.6 %
		Y	1.18	64.59	11.53		150.0	
		Z	0.81	61.36	8.35		150.0	
10146- CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	х	1.43	63.03	9.30	0.00	150.0	± 9.6 %
		Y	2.05	66.66	11.93		150.0	
		Z	1.41	63.09	9.27		150.0	
10147- CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	1.55	63.93	9.89	0.00	150.0	± 9.6 %
GAL								
UAF		Y	2.44	68.79	13.06		150.0	

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10149- CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	Х	2.68	66.41	15.12	0.00	150.0	± 9.6 %
No. of Concession, Name of Street, or other Persons, Name of Street, Or ot		Y	2.86	67.11	15.61		150.0	
		Z	2.67	66.56	15.19		150.0	
10150- CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	2.81	66.48	15.22	0.00	150.0	±9.6 %
1000000	120000000000000000000000000000000000000	Y	2.99	67.11	15.67		150.0	
		Z	2.79	66.63	15.30		150.0	
10151- CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	6.48	78.18	21.55	3.98	65.0	±9.6 %
00000	100000	Y	8.01	81.29	22.83		65.0	
		Z	6.88	78.76	21.62		65.0	
10152- CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	5.54	73.19	19.87	3.98	65.0	± 9.6 %
		Y	6.50	75.55	21.00		65.0	
		Z	5.81	73.69	19.94		65.0	
10153- CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	Х	5.95	74.31	20.74	3.98	65.0	± 9.6 %
		Y	6.90	76.53	21.77		65.0	
		Z	6.25	74.89	20.85		65.0	
10154- CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	1.96	67.24	15.08	0.00	150.0	±9.6 %
		Y	2.20	68.42	15.93		150.0	
		Z	1.96	67.57	15.22		150.0	
10155- CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	Х	2.35	66.95	15.11	0.00	150.0	±9.6 %
		Υ	2.56	67.73	15.80		150.0	
		Z	2.35	67.21	15.23		150.0	
10156- CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	Х	1,48	66.14	13.57	0.00	150.0	± 9.6 %
		Y	1.76	67.88	15.05		150.0	
		Z	1.48	66.45	13.67		150.0	
10157- CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	1.72	65.00	12.38	0.00	150.0	±9.6 %
		Y	2.02	66.64	13.92		150.0	
		Z	1.70	65.11	12.37		150.0	
10158- CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	Х	2.51	67.23	15.34	0.00	150.0	± 9.6 %
		Y	2.72	67.93	15.97		150.0	
2003300		Z	2.51	67.50	15.46		150.0	
10159- CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	Х	1.80	65.32	12.61	0.00	150.0	± 9.6 %
		Y	2.13	67.09	14.20		150.0	
2.000000		Z	1.78	65.46	12.61	5-25-015	150.0	-0.55
10160- CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	2.50	67.45	15.43	0.00	150.0	± 9.6 %
-	and the second s	Y	2.67	68.11	15.92		150.0	
	210 the transport to th	Z	2.49	67.68	15.53	1.00.000	150.0	
10161- CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	2.70	66.39	15.10	0.00	150.0	± 9.6 %
2017	Masses Mills	Y	2.88	67.04	15.60		150.0	
		Z	2.69	66.55	15.18		150.0	
10162- CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	×	2.81	66.59	15.25	0.00	150.0	± 9.6 %
Υ.		Y	2.99	67.18	15.71		150.0	
		Z	2.80	66.76	15.32		150.0	
10166- CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	×	3.42	69,15	18.92	3.01	150.0	± 9.6 %
		Y	3.64	69.65	19.05		150.0	
		Z	3.44	69.55	19.16		150.0	
				The state of the s	19.19	3.01	150.0	±9.6 %
10167- CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	4.12	71.69	10.10	3.01	100.0	10.0
10167- CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	4.12	71.09	19.63	3.01	150.0	20.070

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10168- CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	4.64	74.28	20.71	3.01	150.0	±9.6 %
		Y	5.12	75.26	21.00		150.0	
		Z	4.78	75.11	21.12		150.0	
10169- CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	2.82	68.04	18.40	3.01	150.0	±9.6 %
		Y	3.10	69.64	19.05		150.0	
		Z	2.85	68.47	18.67		150.0	
10170-	LTE-FDD (SC-FDMA, 1 RB, 20 MHz,	X	3.75	73.33	20.53	3.01	150.0	± 9.6 %
CAE	16-QAM)	Y	4.52	76.49	21.67	3838.0	150.0	7,0,0,70
		Z	3.89	74.29	21.01		150.0	
10171- AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	3.09	69.27	17.71	3.01	150.0	±9.6 %
		Y	3.61	71.81	18.72		150.0	
		Z	3.14	69.73	17.95		150.0	
10172- CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	6.61	87.05	27.32	6.02	65.0	±9.6 %
0110		Y	14.89	102.54	32.37		65.0	
		ż	8.81	92.01	28.81		65.0	
10173- CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	X	13.85	97.13	28.75	6.02	65.0	± 9.6 %
		Y	48.27	118.57	34.60		65.0	
		Z	16.93	99.90	29.38		65.0	
10174- CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	9.88	90.07	25.94	6.02	65.0	± 9.6 %
-		Y	27.82	107.05	30.90		65.0	
		Z	10.47	90.42	25.88		65.0	
10175- CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	2.79	67.73	18.15	3.01	150.0	± 9.6 %
-		Y	3.06	69.31	18.79		150.0	
		Z	2.81	68.13	18.39		150.0	
10176- CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	3.76	73.36	20.54	3.01	150.0	± 9.6 %
20,000	1 1000 1000 1000	Y	4.52	76.52	21.68		150.0	
		Z	3.90	74.31	21.02		150.0	
10177- CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	2.81	67.88	18.24	3.01	150.0	± 9.6 %
2000		Y	3.09	69.47	18.89		150.0	
		Z	2.83	68.28	18.49		150.0	
10178- CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM)	X	3.73	73.16	20.43	3.01	150.0	± 9.6 %
07/200		Y	4.47	76.26	21.55		150.0	
		Z	3.86	74.09	20.89		150.0	
10179- CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	3.38	71.14	18.97	3.01	150.0	± 9.6 %
		Y	4.01	73.98	20.04		150.0	
		Z	3.47	71.80	19.31		150.0	
10180- CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM)	Х	3.09	69.21	17.67	3.01	150.0	± 9.6 %
		Y	3.59	71.73	18.66		150.0	
		Z	3.13	69.66	17.90		150.0	
10181- CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	Х	2.80	67.86	18.23	3.01	150.0	± 9.6 %
		Y	3.08	69.45	18.88		150.0	
		Z	2.83	68.27	18.48		150.0	
10182- CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	Х	3.72	73.14	20.42	3.01	150.0	±9.6 %
		Y	4.46	76.24	21.54		150.0	
100		Z	3.85	74.06	20.88		150.0	8
10183- AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	3.08	69.19	17.66	3.01	150.0	± 9.6 %
		Y	3.59	71.70	18.65		150.0	

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10184- CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	Х	2.81	67.90	18.25	3.01	150.0	± 9.6 %
		Y	3.09	69.50	18.90		150.0	-
		Z	2.84	68.31	18.51		150.0	
10185- CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM)	×	3.74	73.21	20.46	3.01	150.0	± 9.6 %
	Chionest	Y	4.48	76.32	21.58		150.0	
	No. 20 months of the second of	Z	3.87	74.14	20.92		150.0	
10186- AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM)	X	3.10	69.25	17.69	3.01	150.0	±9.6 %
0.000	000000	Y	3.61	71.77	18.69		150.0	
		Z	3.14	69.70	17.92		150.0	
10187- CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	2.82	67.96	18.33	3.01	150.0	± 9.6 %
	Successor.	Y	3.10	69.55	18.97	8 = -	150.0	-
	Year and the second sec	Z	2.85	68.38	18.58		150.0	
10188- CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	3.85	73.85	20.84	3.01	150.0	±9.6 %
		Y	4.65	77.08	21.99		150.0	
		Z	4.01	74.87	21.34		150.0	
10189- AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	3.16	69.64	17.96	3.01	150.0	±9.6 %
		Y	3.70	72.24	18.98	0 0	150.0	
		Z	3.21	70.13	18.21		150.0	
10193- CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	X	4.36	66.21	15.83	0.00	150.0	±9.6 %
		Y	4.50	66.48	16.00		150.0	
		Z	4.33	66.27	15.85	1	150.0	
10194- CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	Х	4.52	66.50	15.96	0.00	150.0	± 9.6 %
	10 00 1117	Y	4.67	66.80	16.12		150.0	
		Z	4.49	66.55	15.98		150.0	
10195- CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	X	4.56	66.54	15.98	0.00	150.0	± 9.6 %
		Υ	4.72	66.83	16.14		150.0	
		Z	4.53	66.59	16.01		150.0	
10196- CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	X	4.35	66.25	15.83	0.00	150.0	±9.6 %
		Y	4.51	66.54	16.02		150.0	
		Z	4.33	66.30	15.86		150.0	
10197- CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16- QAM)	Х	4.53	66.52	15.97	0.00	150.0	±9.6 %
-		Y	4.69	66.82	16.13		150.0	
STONE .	Metaeropaum www.pum mataeum uso	Z	4.50	66.57	16.00		150.0	-
10198- CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64- QAM)	X	4.55	66.55	15.99	0.00	150.0	± 9.6 %
00010101	COS-PONE II	Y	4.72	66.85	16.15		150.0	
III WALESTON	Assessment Company of the Company	Z	4.53	66.60	16.02		150.0	1000010000
10219- CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	X	4.30	66.26	15.79	0.00	150.0	± 9.6 %
		Y	4.46	66.55	15.98		150.0	
	212.22.22.22.22.22.22.22.22.22.22.22.22.	Z	4.28	66.31	15.81		150.0	
10220- CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16- QAM)	X	4.52	66.49	15.96	0.00	150.0	± 9.6 %
	5 S S S S S S S S S S S S S S S S S S S	Y	4.68	66.79	16.12		150.0	
		Z	4.50	66.54	15.98		150.0	
10221- CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64- QAM)	X	4.57	66.49	15.98	0.00	150.0	±9.6 %
		Y	4.73	66.78	16.14		150.0	
		Z	4.54	66.54	16.01		150.0	
10222- CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	X	4.92	66.67	16.14	0.00	150.0	±9.6 %
		100		00.07	10.05		450.0	
		Y	5.05	66.97	16.25		150.0	

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10223- CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16- QAM)	Х	5.23	66.95	16.30	0.00	150.0	± 9.6 %
		Y	5.35	67.15	16.36		150.0	
		Z	5.20	66.98	16.32		150.0	
10224- CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64- QAM)	Х	4.96	66.78	16.11	0.00	150.0	± 9.6 %
		Y	5.09	67.08	16.23		150.0	
		Z	4.94	66.81	16.13		150.0	
10225- CAB	UMTS-FDD (HSPA+)	Х	2.59	65.32	14.53	0.00	150.0	± 9.6 %
		Y	2.77	65.86	15.10		150.0	
		Z	2.58	65.43	14.58		150.0	
10226- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	Х	15.04	98.77	29.35	6.02	65.0	± 9.6 %
		Υ	55.58	121.36	35.42		65.0	
		Z	18.66	101.82	30.05		65.0	
10227- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	Х	14.65	96.82	28.11	6.02	65.0	± 9.6 %
A THE LOCAL		Y	44.89	115.25	33.13		65.0	
nissesses.		Z	17.65	99.26	28.64		65.0	
10228- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	Х	8.97	93.60	29.69	6.02	65.0	± 9.6 %
NY 100 100		Y	20.04	108.84	34.33		65.0	
1000000	Lynnamic Commence of the Comme	Z	11.30	97.46	30.72		65.0	
10229- CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM)	Х	13.95	97.24	28.79	6.02	65.0	± 9.6 %
320000	100000000000000000000000000000000000000	Y	48.69	118.71	34.65		65.0	
out the same	The second secon	Z	17.07	100.03	29.42		65.0	
10230- CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM)	Х	13.52	95.32	27.57	6.02	65.0	± 9.6 %
	10000000	Y	39.77	112.98	32.45		65.0	
		Z	16.11	97.57	28.06		65.0	
10231- CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	Х	8.50	92.43	29.21	6.02	65.0	± 9.6 %
		Y	18.60	107.20	33.76		65.0	
		Z	10.59	96.06	30.18		65.0	
10232- CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM)	Х	13.93	97.22	28.78	6.02	65.0	± 9.6 %
		Y	48.65	118.71	34.65		65.0	
		Z	17.04	100.01	29.42		65.0	
10233- CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM)	Х	13.48	95.29	27.56	6.02	65.0	± 9.6 %
		Y	39.68	112.96	32.45		65.0	
		Z	16.06	97.53	28.05		65.0	
10234- CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	Х	8.15	91.43	28.75	6.02	65.0	± 9.6 %
		Y	17.44	105.69	33,19		65.0	
		Z	10.04	94.83	29.66		65.0	
10235- CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	Х	13.95	97.27	28.80	6.02	65.0	± 9.6 %
		Y	48.87	118.81	34.67		65.0	
		Z	17.08	100.06	29.44		65.0	
10236- CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	Х	13.65	95.47	27.61	6.02	65.0	± 9.6 %
		Y	40.47	113.26	32.52		65.0	
		Z	16.26	97.71	28.09		65.0	
10237- CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	Х	8.52	92.50	29.23	6.02	65.0	± 9.6 %
		Y	18.71	107.36	33.81		65.0	
	transfer of the second second second	Z	10.61	96.14	30.21		65.0	
10238- CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	13.90	97.20	28.78	6.02	65.0	± 9.6 %
		Y	48.60	118.71	34.64		65.0	
		Z	17.01	99.99	29.41		65.0	

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10239- CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	13.44	95.25	27.55	6.02	65.0	± 9.6 %
U. 11	The state of the s	Y	39.57	112.94	32.44		65.0	
		Z	16.01	97.50	28.04		65.0	
10240- CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	8.49	92.45	29.22	6.02	65.0	± 9.6 %
		Y	18.64	107.29	33.79		65.0	
		Z	10.58	96.09	30.20		65.0	
10241- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	7.99	81.31	25.53	6.98	65.0	± 9.6 %
		Y	9.43	84.22	26.74		65.0	
		Z	8.52	82.35	25.81		65.0	
10242- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	Х	7.10	78.80	24.41	6.98	65.0	± 9.6 %
	- PER 1855	Y	8.49	81.98	25.78		65.0	
		Z	7.78	80.41	24.94		65.0	
10243- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	5.74	75.35	23.83	6.98	65.0	±9.6 %
		Y	6.67	78.08	25.09		65.0	
		Z	6.25	76.98	24.42		65.0	
10244- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	Х	5.58	74.97	17.83	3.98	65.0	±9.6 %
		Υ	7.87	80.04	20.37		65.0	
		Z	5.94	75.42	17.90		65.0	
10245- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	Х	5.38	74.13	17.42	3.98	65.0	± 9.6 %
		Y	7.56	79.13	19.97		65.0	
		Z	5.70	74.53	17.48		65.0	
10246- CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	4.98	76.70	18.61	3.98	65.0	± 9.6 %
		Y	8.43	84.78	22.34		65.0	
		Z	5.20	76.66	18.37		65.0	
10247- CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	4.65	72.79	17.74	3.98	65.0	± 9.6 %
		Y	6.06	76.74	19.98		65.0	
		Z	4.87	73.04	17.67		65.0	
10248- CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	4.61	72.15	17.43	3.98	65.0	±9.6 %
		Y	5.95	75.91	19.61		65.0	
		Z	4.82	72.39	17.37		65.0	
10249- CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	6.54	81.39	21.52	3.98	65.0	±9.6 %
-		Y	9.88	87.89	24.33		65.0	
		Z	7.04	81.83	21.45		65.0	
10250- CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	5.68	75.92	20.95	3.98	65.0	± 9.6 %
		Y	6.85	78.71	22.33		65.0	
		Z	6.05	76.61	21.08		65.0	
10251- CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	5.34	73.52	19.53	3,98	65.0	± 9.6 %
0000		Y	6.39	76.13	20.91		65.0	
		Z	5.61	73.99	19.58		65.0	
10252- CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	6.77	81.31	22.67	3.98	65.0	± 9.6 %
		Y	8.98	85.60	24.44		65.0	No.
		Z	7.34	82.11	22.76		65.0	
10253- CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	×	5.44	72.71	19.62	3.98	65.0	± 9.6 %
		Y	6.32	74.91	20.72	1	65.0	
		Z	5.70	73.20	19.69		65.0	
10254-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	X	5.80	73.72	20.38	3.98	65.0	± 9.6 %
CAF	D4-QAMI)							
CAF	64-QAM)	Y	6.70	75.83	21.43		65.0	

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10255- CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	6.16	77.48	21.47	3.98	65.0	± 9.6 %
		Y	7.52	80.38	22.72		65.0	
		Z	6.55	78.12	21.56		65.0	
10256- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	3.97	69.74	14.41	3.98	65.0	± 9.6 %
		Y	6.06	75.59	17.59		65.0	
CONTRACT.	DOMESTIC STREET	Z	4.16	69.90	14.37		65.0	
10257- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	3.82	68.88	13.90	3.98	65.0	±9.6 %
10.0016	- Control of the Cont	Y	5.74	74.42	17.02		65.0	
	Service and the service of the servi	Z	3.99	69.02	13.87		65.0	
10258- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	3.39	70.65	15.07	3.98	65.0	±9.6 %
32000	Market the author	Y	6.10	79.09	19.42		65.0	
	Union China Providence Control	Z	3.50	70.44	14.78		65.0	
10259- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	5.07	74.05	18.94	3.98	65.0	±9.6 %
		Y	6.37	77.46	20.82		65.0	
		Z	5.35	74.45	18.94		65.0	
10260- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	×	5.09	73.73	18.81	3.98	65.0	±9.6 %
		Y	6.36	77.06	20.66		65.0	
		Z	5.35	74.12	18.80		65.0	
10261- CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	6.26	80.39	21.64	3.98	65.0	±9.6 %
		Y	8.74	85.57	23.93		65.0	
		Z	6.76	81.00	21.65		65.0	
10262- CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	Х	5.67	75.84	20.90	3.98	65.0	±9.6 %
		Y	6.84	78.65	22.29		65.0	
		Z	6.03	76.53	21.02		65.0	
10263- CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	Х	5.33	73.49	19.52	3.98	65.0	±9.6 %
		Y	6.38	76.11	20.90		65.0	
		Z	5.60	73.97	19.57		65.0	
10264- CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	6.69	81.07	22.55	3.98	65.0	±9.6 %
		Y	8.87	85.35	24.33		65.0	
		Z	7.25	81.85	22.64		65.0	
10265- CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	5.54	73.19	19.88	3.98	65.0	±9.6 %
		Y	6.49	75.55	21.00		65.0	
	The state of the s	Z	5.81	73.69	19.95		65.0	
10266- CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	5.94	74.29	20.73	3.98	65.0	±9.6 %
		Y	6.90	76.51	21.76		65.0	
		Z	6.24	74.87	20.84		65.0	
10267- CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	×	6.46	78.13	21.53	3.98	65.0	± 9.6 %
		Y	7.99	81.24	22.81		65.0	
		Z	6.86	78.71	21.60		65.0	
10268- CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	6.17	73.14	20.30	3.98	65.0	±9.6 %
		Y	7.04	75.12	21.19		65.0	
mercela i	Signature State of the state of	Z	6.43	73.63	20.40		65.0	
10269- CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	Х	6.16	72.73	20.18	3.98	65.0	± 9.6 %
area un		Y	6.97	74.62	21.04		65.0	
economic and a second	NAME OF THE PARTY	Z	6.41	73.22	20.27		65.0	
10270- CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	6.28	75.29	20.55	3.98	65.0	±9.6 %
		Y	7.36	77.58	21.50		65.0	

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10274- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.39	65.58	14.37	0.00	150.0	±9.6 %
	0.17053.54	Y	2.54	66.14	14.96		150.0	
		ż	2.37	65.73	14.43		150.0	
10275-	UMTS-FDD (HSUPA, Subtest 5, 3GPP	X	1.36	65.75	13.87	0.00	150.0	± 9.6 %
CAB	Rel8.4)	^	1,30	00.75	13.07	0.00	100.0	T 9.0 %
UND	(Kelb.4)	Y	1.54	67.06	14.96		150.0	
					14.00			
40077	DUD (ODOK)	Z	1.35	66.07		0.00	150.0	1000
10277- CAA	PHS (QPSK)	X	2.12	61.32	6.97	9.03	50.0	±9.6 %
		Y	2.40	62.62	8.13		50.0	
		Z	2.36	61.74	7.42		50.0	
10278- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	X	4.20	70.41	14.35	9.03	50.0	± 9.6 %
The state of the s		Y	9.00	82.55	20.06		50.0	
		Z	4.22	69.72	14.05		50.0	0
10279- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	Х	4.32	70.71	14.54	9.03	50.0	±9.6 %
Orr.		Y	9.21	82.81	20.21		50.0	
		Z	4.33	69.98	14.22		50.0	
10290-	CDMA2000 PC1 SOSS Evil Pala	X	0.93	63.86	10.31	0.00	150.0	±9.6 %
10290- AAB	CDMA2000, RC1, SO55, Full Rate		ANTOSE -	102000	Carrabatistics	0.00		19.0 %
		Y	1.32	67.34	13.23		150.0	-
	The second secon	Z	0.90	63.80	10.11		150.0	
10291- AAB	CDMA2000, RC3, SO55, Full Rate	Х	0.54	61.76	8.75	0.00	150.0	±9.6 %
		Y	0.76	64.54	11.66		150.0	
		Z	0.51	61.58	8.42		150.0	
10292- AAB	CDMA2000, RC3, SO32, Full Rate	Х	0.60	63.50	10.03	0.00	150.0	± 9.6 %
T Table		Υ	0.91	67.80	13.68		150.0	
	-	Z	0.57	63.42	9.74	_	150.0	-
10293- AAB	CDMA2000, RC3, SO3, Full Rate	X	0.78	66.43	11.98	0.00	150.0	± 9.6 %
rinu.		Y	1.31	72.81	16.39		150.0	
		Z	0.78	66.82	11.92		150.0	
40005	CDIAMOON DOLLON AUGU DAL DE C					0.00	-	. 0.00
10295- AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	Х	11.88	88.43	24.43	9.03	50.0	± 9.6 %
		Y	11.50	90.15	26.20		50.0	
		Z	10.98	86.07	23.41		50.0	
10297- AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	2.43	67.97	15.50	0.00	150.0	± 9.6 %
and the same of th	The state of the s	Y	2.67	69.10	16.18		150.0	
		Z	2.43	68.26	15.63		150.0	
10298- AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	1.14	64.11	11.26	0.00	150.0	± 9.6 %
, or there	20 217	Y	1.48	66.77	13.58		150.0	
		Z	1.12	64.18	11.18		150.0	
10299- AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	2.05	66.66	12.29	0.00	150.0	± 9.6 %
nnu	10.2/11)	Y	2.75	69.90	14.39		150.0	
		Z						-
10000	LTE EDD (DO EDM) SOU DE ALTI		2.12	67.25	12.55	0.00	150.0	
10300- AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	×	1.61	63.18	9.81	0.00	150.0	± 9.6 %
		Y	2.03	65.31	11.51		150.0	
	U-management - united and a construction of the construction of th	Z	1.60	63.28	9.82	S woods	150.0	S. Contractor
10301- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	X	4.73	65.80	17.42	4.17	50.0	±9.6 %
-	by me passesses and a second	Y	4.94	66.02	17.64		50.0	
		Z	4.79	66.07	17.49		50.0	
10302-	IEEE 802.16e WiMAX (29:18, 5ms,	X	5.13	65.96	17.87	4.96	50.0	±9.6 %
AAA	10MHz, QPSK, PUSC, 3 CTRL symbols)					4.50		1 8.0 70
2000		Y	5.34	66.38	18.24		50.0	
		Z	5.17	66.19	17.94		50.0	

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10303- AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	X	4.89	65.63	17.69	4.96	50.0	± 9.6 %
		Υ	5.10	66.07	18.10		50.0	
		Z	4.94	65.90	17.78		50.0	
10304- AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	X	4.68	65.44	17.16	4.17	50.0	± 9.6 %
		Y	4.89	65.86	17.54		50.0	
noor-one si		Z	4.72	65.67	17.23		50.0	
10305- AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	X	4.58	68.65	19.65	6.02	35.0	± 9.6 %
		Y	4.67	68.59	20.11		35.0	
		Z	4.89	70.03	20.21		35.0	
10306- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	Х	4.78	67.22	19.17	6.02	35.0	± 9.6 %
202615		Y	4.91	67.24	19.51		35.0	
		Z	4.95	68.05	19.51	100000	35.0	
10307- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	Х	4.69	67.41	19.13	6.02	35.0	± 9.6 %
		Y	4.83	67.50	19.52		35.0	
		Z	4.89	68.35	19.52		35.0	A 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
10308- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	X	4.68	67.67	19.30	6.02	35.0	± 9.6 %
		Y	4.81	67.73	19.67		35.0	
		Z	4.89	68.67	19.70		35.0	
10309- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	Х	4.82	67.40	19.30	6.02	35.0	± 9.6 %
		Y	4.97	67.49	19.67		35.0	
		Z	5.00	68.23	19.64		35.0	
10310- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	4.74	67.32	19.16	6.02	35.0	± 9.6 %
		Y	4.86	67.33	19.50		35.0	
		Z	4.92	68.20	19.52		35.0	
10311- AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	Х	2.77	67.31	15.25	0.00	150.0	± 9.6 %
		Y	3.02	68.45	15.87		150.0	
		Z	2.78	67.57	15.37		150.0	
10313- AAA	IDEN 1:3	Х	3.38	72.32	15.61	6.99	70.0	± 9.6 %
		Y	6.56	80.70	19.09		70.0	
		Z	3.52	71.67	15.12		70.0	
10314- AAA	IDEN 1:6	X	5.50	81.58	21.98	10.00	30.0	± 9.6 %
		Y	11.01	93.51	26.47		30.0	
		Z	5.77	80.74	21.31		30.0	
10315- AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	Х	0.96	62.54	14.02	0.17	150.0	± 9.6 %
		Y	1.06	63.49	14.83		150.0	
		Z	0.95	62.82	14.19		150.0	
10316- AAB	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 96pc duty cycle)	Х	4.42	66.30	16.01	0.17	150.0	± 9.6 %
		Y	4.57	66.59	16.18		150.0	
	Marian Company and Company	Z	4.40	66.35	16.03		150.0	
10317- AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	Х	4.42	66.30	16.01	0.17	150.0	± 9.6 %
Thron .		Y	4.57	66.59	16.18		150.0	
Secondario de la compansión de la compan	And the second s	Z	4.40	66.35	16.03		150.0	
10400- AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	X	4.50	66.54	15.95	0.00	150.0	±9.6 %
-XV.310.V		Y	4.67	66.85	16.11		150.0	
		Z	4.47	66.59	15.97	V-11-211	150.0	5000
10401- AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	X	5.27	66.91	16.25	0.00	150.0	±9.6 %
MD			77.00		The second second		7.00	
	Description of the second seco	Y	5.36	67.03	16.28		150.0	

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10402- AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	X	5.48	67.05	16.19	0.00	150.0	±9.6 %
	1	Y	5.61	67.38	16.31		150.0	
		Z	5.45	67.08	16.20		150.0	
10403- AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	0.93	63.86	10.31	0.00	115.0	±9.6 %
		Y	1.32	67.34	13.23		115.0	
		Z	0.90	63.80	10.11		115.0	
10404- AAB	CDMA2000 (1xEV-DO, Rev. A)	X	0.93	63.86	10.31	0.00	115.0	±9.6 %
		Y	1.32	67.34	13.23		115.0	
		Z	0.90	63.80	10.11		115.0	
10406- AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	X	23.71	102.36	25.63	0.00	100.0	±9.6 %
		Y	100.00	119.74	29.53		100.0	
		Z	100.00	122.04	30.37		100.0	
10410- AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	Х	100.00	124.47	31.30	3.23	80.0	±9.6 %
		Y	100.00	122.62	30.76		80.0	
		Z	100.00	123.15	30.75		80.0	
10415- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	×	0.90	61.77	13.43	0.00	150.0	± 9.6 %
		Y	0.98	62.53	14.15		150.0	
		Z	0.87	61.91	13.55		150.0	
10416- AAA	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 99pc duty cycle)	X	4.36	66.25	15.90	0.00	150.0	± 9.6 %
		Y	4.50	66.52	16.06		150.0	
		Z	4.33	66.30	15.93		150.0	
10417- AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	X	4.36	66.25	15.90	0.00	150.0	± 9.6 %
		Y	4.50	66.52	16.06		150.0	
		Z	4.33	66.30	15.93		150.0	
10418- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	X	4.35	66.41	15.93	0.00	150.0	± 9.6 %
		Y	4.49	66.67	16.08		150.0	
		Z	4.33	66.46	15.95		150.0	
10419- AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	X	4.37	66.36	15.93	0.00	150.0	± 9.6 %
	T	Y	4.51	66.62	16.08		150.0	
	NAMES AND ADDRESS OF THE PARTY	Z	4.34	66.41	15.95	- Samo	150.0	
10422- AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	4.48	66.36	15.95	0.00	150.0	± 9.6 %
0000	(Married)	Y	4.63	66.63	16.10		150.0	
		Z	4.46	66.41	15.98	300000	150.0	
10423- AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	X	4.63	66.65	16.06	0.00	150.0	±9.6 %
		Y	4.80	66.95	16.22		150.0	
		Z	4.60	66.70	16.08		150.0	- Management
10424- AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	×	4.55	66.60	16.03	0.00	150.0	± 9.6 %
		Y	4.72	66.90	16.19		150.0	
		Z	4.53	66.65	16.05		150.0	
10425- AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	×	5.18	66.94	16.27	0.00	150.0	± 9.6 %
		Y	5.31	67.20	16.36		150.0	
		Z	5.16	66.97	16.29		150.0	
10426- AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	×	5.21	67.05	16.32	0.00	150.0	±9.6 %
		Y	5.31	67.21	16.37		150.0	
		Z	5.18				150.0	

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10427- AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	X	5.20	66.95	16.27	0.00	150.0	± 9.6 %
		Y	5.33	67.21	16.36		150.0	
200000		Z	5.17	66.98	16.28		150.0	
10430- AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	X	4.03	70.50	17.69	0.00	150.0	± 9.6 %
14000		Y	4.20	70.46	17.93		150.0	
DKRC+GOVO	Commence of the second	Z	4.08	70.95	17.91		150.0	
10431- AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	X	3.99	66.70	15.76	0.00	150.0	± 9.6 %
1409675		Y	4.18	67.03	16.04		150.0	
100100000		Z	3.97	66.77	15.79		150.0	
10432- AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	X	4.31	66.62	15.93	0.00	150.0	± 9.6 %
42.0m		Y	4.49	66.93	16.13		150.0	
		Z	4.29	66.68	15.96	V-50000	150.0	- Anna Year
10433- AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	X	4.57	66.63	16.05	0.00	150.0	± 9.6 %
		Y	4.73	66.93	16.21		150.0	
		Z	4.54	66.68	16.07		150.0	
10434- AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.08	71.14	17.46	0.00	150.0	± 9.6 %
		Y	4.29	71.27	17.88		150.0	
		Z	4.15	71.66	17.70		150.0	
10435- AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	124.23	31.18	3.23	80.0	± 9.6 %
		Y	100.00	122.40	30.66		80.0	
		Z	100.00	122.90	30.63		80.0	
10447- AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3,22	66.37	14.70	0.00	150.0	± 9.6 %
		Y	3.47	66.95	15.33		150.0	
		Z	3.21	66.48	14.73		150.0	
10448- AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	X	3.84	66.47	15.61	0.00	150.0	± 9.6 %
		Y	4.02	66.80	15.90		150.0	
		Z	3.82	66.55	15.65		150.0	
10449- AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	×	4.13	66.43	15.81	0.00	150.0	± 9.6 %
		Y	4.30	66.75	16.02		150.0	
		Z	4.11	66.50	15.84		150.0	
10450- AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	×	4.34	66.38	15.88	0.00	150.0	± 9.6 %
		Y	4.49	66.69	16.06		150.0	
		Z	4.32	66.44	15.91		150.0	
10451- AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	X	3.06	66.27	14.09	0.00	150.0	±9.6 %
		Y	3.35	67.09	14.93		150.0	
		Z	3.04	66.36	14.10		150.0	
10456- AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	×	6.11	67.61	16.51	0.00	150.0	±9.6 %
		Y	6.17	67.77	16.53		150.0	
4.55.55	7/1/2012	Z	6.08	67.64	16.52		150.0	
10457- AAA	UMTS-FDD (DC-HSDPA)	X	3.66	64.92	15.60	0.00	150.0	±9.6 %
		Y	3.76	65.17	15.77		150.0	
7070		Z	3.64	64.96	15.63		150.0	10000
10458- AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	×	3.65	69.96	16.50	0.00	150.0	±9.6 %
		Y	3.92	70.48	17.26		150.0	
		Z	3.69	70.37	16.67		150.0	
10459- AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	×	4.93	68.53	17.94	0.00	150.0	± 9.6 %
		Y	5.04	68.13	17.95		150.0	
		Z	4.94	68.79	18.08		150.0	

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10460- AAA	UMTS-FDD (WCDMA, AMR)	Х	0.69	64.85	13.41	0.00	150.0	±9.6 %
		Y	0.82	66.61	15.04		150.0	
		Z	0.68	65.44	13.67		150.0	
10461- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	100.00	128.32	33.15	3.29	80.0	±9.6 %
		Y	100.00	127.78	33.19		80.0	
		Z	100.00	127.47	32.80		80.0	
10462- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.83	71.29	13.71	3.23	80.0	± 9.6 %
		Y	47.63	99.29	21.71		80.0	
Water I		Z	3.49	72.89	14.14		80.0	
10463- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	1.34	63.29	9.90	3.23	80.0	± 9.6 %
CALCULATION OF THE PARTY OF THE		Y	3.65	72.27	13.56		80.0	
and the second		Z	1.40	63.38	9.84		80.0	Commence
10464- AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2.3.4,7,8,9)	Х	100.00	125.34	31.61	3.23	80.0	± 9.6 %
10000		Y	100.00	125.18	31.81		80.0	
		Z	100.00	124.45	31.24		80.0	
10465- AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	2.15	68.45	12.57	3.23	80.0	±9.6 %
	and the second s	Y	13.95	86.70	18.48		80.0	
		ż	2.45	69.33	12.78		80.0	
10466- AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	1,23	62.47	9.47	3.23	80.0	± 9.6 %
		Y	2.69	69.32	12.45		80.0	
		Z	1.28	62.54	9.41		80.0	
10467- AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	×	100.00	125.68	31.76	3.23	80.0	± 9.6 %
	ar are an analysis and a series	Y	100.00	125.47	31.94		80.0	
		Z	100.00	124.79	31.39		80.0	
10468- AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	×	2.30	69.17	12.87	3.23	80.0	± 9.6 %
		Y	18.23	89.46	19.24		80.0	
		Z	2.67	70.20	13.13		80.0	-
10469- AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	×	1.23	62.50	9.48	3.23	80.0	± 9.6 %
		Y	2.71	69.39	12.47		80.0	
		Z	1.28	62.56	9.42		80.0	
10470- AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	125.71	31.76	3.23	80.0	± 9.6 %
		Y	100.00	125.51	31.95		80.0	
		Z	100.00	124.82	31.39		80.0	
10471- AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	Х	2.28	69.06	12.82	3.23	80.0	±9.6 %
		Y	17.83	89.19	19.15		80.0	
	Harris de la companya del companya de la companya del companya de la companya de	Z	2.63	70.06	13.07		80.0	
10472- AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64- QAM, UL Subframe=2,3,4,7.8.9)	X	1.23	62.45	9.44	3.23	0.08	±9.6 %
erio de la composición dela composición de la composición de la composición de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición dela composición del		Y	2.68	69.28	12.41		80.0	
Secretary .		Z	1.27	62.51	9.38	Average 1	80.0	0.00
10473- AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	100.00	125.67	31.74	3.23	80.0	± 9.6 %
		Y	100.00	125.47	31.93		80.0	
1-00/10/10	Approximation of the second se	Z	100.00	124.78	31.37	V. Ostania	80.0	Lawrence .
10474- AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	2.26	68.99	12.79	3.23	80.0	± 9.6 %
		Y	17.40	88.96	19.09		80.0	
		Z	2.61	69.98	13.04		80.0	
10475- AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	1.22	62.42	9.43	3.23	80.0	±9.6 %
		Y	2.66	69.22	12.39		80.0	V

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10477- AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16- QAM, UL Subframe=2.3,4,7,8,9)	X	2.14	68.42	12.54	3.23	80.0	± 9.6 %
	717111177	Y	14.17	86.82	18.49		80.0	
		Z	2.44	69.28	12.75		80.0	
10478- AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	1.22	62.38	9.40	3.23	80.0	± 9.6 %
72000	and the second state of th	Y	2.63	69.09	12.34		80.0	
		Z	1.27	62.44	9.34		80.0	
10479-	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz,	X	15.11	97.09	26.21	3.23	80.0	± 9.6 %
AAA	QPSK, UL Subframe=2,3,4,7,8,9)	Y	12.10	93.46	25.55		80.0	
		Z	38.37	110.42	29.58		80.0	
10480- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	9.61	84.26	20.21	3.23	80.0	± 9.6 %
		Y	14.04	89.42	22.30		80.0	
		Z	15.37	89.79	21.73		80.0	
10481- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	6.33	78.18	17.80	3.23	80.0	± 9.6 %
- Pro-		Y	10.33	84.45	20.38		80.0	
		Z	8.49	81.43	18.75			
10482-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz.				Committee of the Parket of the Committee	0.00	80.0	1000
10482- AAB	QPSK, UL Subframe=2,3,4,7,8,9)	X	2.20	68.13	14.46	2.23	80.0	± 9.6 %
		Y	3.86	75.47	18.31		80.0	
		Z	2.32	68.53	14.44	-	80.0	
10483- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	3.94	72.08	15.81	2.23	80.0	± 9.6 %
		Y	6.10	77.87	18.68		80.0	
		Z	4.69	74.04	16.46		80.0	
10484- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.59	70.66	15.24	2.23	80.0	± 9.6 %
		Y	5.50	76.23	18.09		80.0	
		Z	4.13	72.24	15.78		80.0	
10485- AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	2.81	71.31	17.01	2.23	80.0	± 9.6 %
		Y	4.05	76.26	19.56		80.0	
		Z	3.07	72.32	17.25		80.0	
10486- AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.69	67.30	14.67	2.23	80.0	± 9.6 %
MAE	10-QAW, OL Subilatile=2,3,4,7,0,8)	v	2.00	74.40	47.00		00.0	_
		Y	3.62	71.13	17.00		80.0	
10.10.0		Z	2.79	67.68	14.70		80.0	
10487- AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	2.69	66.94	14.49	2.23	80.0	± 9.6 %
		Y	3.59	70.63	16.77		80.0	
		Z	2.79	67.28	14.51		80.0	
10488- AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.20	71.23	17.95	2.23	80.0	± 9.6 %
		Y	4.09	74.48	19.52		80.0	
		Z	3.44	72.19	18.22		80.0	
10489- AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.19	68.15	16.61	2.23	80.0	± 9.6 %
		Y	3.75	70.12	17.77		80.0	
	The same and the s	Z	3.33	68.73	16.77		80.0	
10490- AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.28	68.03	16.57	2.23	80.0	± 9.6 %
12012,11		Y	3.83	69.89	17.68		80.0	
		Z	3.42	68.57	16.72		80.0	
10491- AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.47	69.98	17.63	2.23	80.0	± 9.6 %
	2, 211 02 030113110 2,0(1)1 (0,0)	Y	4.18	72.43	18.81		80.0	
		Z						
10402	LTE TOD (SC EDMA FOR DD 45 MUS		3.65	70.68	17.84	2.00	80.0	1000
10492- AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.56	67.59	16.77	2.23	80.0	± 9.6 %
		Y	4.04	69.12	17.62		80.0	
		Z	3.68	68.07	16.91		80.0	

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10493- AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.63	67.49	16.73	2.23	80.0	±9.6 %
		Y	4.10	68.96	17.56		80.0	1
		Z	3.75	67.94	16.87		80.0	
10494- AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.72	71.28	18.04	2.23	80.0	± 9.6 %
		Y	4.63	74.24	19.37		80.0	
		Z	3.95	72.06	18.26		80.0	
10495- AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.59	67.91	16.97	2.23	80.0	±9.6 %
		Y	4.08	69.56	17.83		80.0	
		Z	3.72	68.41	17.12		80.0	
10496- AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.67	67.69	16.91	2.23	80.0	±9.6 %
		Y	4.15	69.22	17.72		80.0	-
		Z	3.79	68.17	17.06		80.0	
10497- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.40	62.76	10.76	2.23	80.0	±9.6 %
		Y	2.78	70.82	15.49		80.0	-
		Z	1.41	62.63	10.52		80.0	
10498- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.30	60.00	8.24	2.23	80.0	±9.6 %
		Y	1.93	63.62	11.21		80.0	-
		Z	1.31	60.00	8.10		80.0	
10499- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.32	60.00	8.09	2.23	80.0	±9.6%
		Y	1.85	62.92	10.72		80.0	
		Z	1.33	60.00	7.96		80.0	
10500- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.94	71.14	17.35	2.23	80.0	±9.6 %
RIGHTS -		Y	3.96	75.06	19.38		80.0	
		Z	3.19	72.12	17.60		80.0	
10501- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	2.94	67.88	15.52	2.23	80.0	± 9.6 %
STREET, ST		Y	3.68	70.73	17.29	1	80.0	
		Z	3.07	68.36	15.62		80.0	
10502- AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.98	67.72	15.39	2.23	80.0	± 9.6 %
		Y	3.73	70.54	17.15		80.0	
		Z	3.11	68.17	15.47		80.0	
10503- AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.16	71.03	17.84	2.23	80.0	± 9.6 %
		Y	4.04	74.26	19.42		80.0	
		Z	3.39	71.96	18.11		80.0	
10504- AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.18	68.05	16.55	2.23	80.0	± 9.6 %
		Υ	3.73	70.03	17.71	\	80.0	
		Z	3.31	68.62	16.70		80.0	
10505- AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.26	67.93	16.51	2.23	80.0	±9.6 %
		Y	3.81	69.79	17.62		80.0	
		Z	3.40	68.47	16.66		80.0	
10506- AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.69	71.13	17.96	2.23	80.0	±9.6 %
		Y	4.59	74.08	19.29		80.0	
		Z	3.91	71.90	18.18	1	80.0	
10507- AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.57	67.84	16.93	2.23	80.0	±9.6 %
		Y	4.07	69.50	17.79		80.0	
			4.01	09.00	1 17.73		00.0	

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10508- AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL	X	3.66	67.62	16.87	2.23	80.0	± 9.6 %
	Subframe=2,3,4,7,8,9)	1						
		Y	4.13	69.15	17.68		80.0	
10509-	LTE TOD (OO POLICE ASSESSMENT)	Z	3.78	68.09	17.01		80.0	
AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	4.07	70.10	17.58	2.23	80.0	± 9.6 %
		Y	4.81	72.40	18.61		80.0	
10010	1 Mart May a 14 a may	Z	4.24	70.66	17.74		80.0	
10510- AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	4.06	67.64	16.99	2.23	80.0	± 9.6 %
		Y	4.53	69.10	17.70		80.0	
		Z	4.18	68.05	17.12		80.0	
10511- AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	4.13	67.44	16.95	2.23	80.0	± 9.6 %
	A SECOND PROPERTY OF THE PROPE	Y	4.57	68.80	17.62		80.0	
		Z	4.24	67.84	17.07	- vone	80.0	
10512- AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	4.19	71.38	17.95	2.23	80.0	± 9.6 %
		Y	5.15	74.31	19.22		80.0	
		Z	4.41	72.04	18.13		80.0	
10513- AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.95	67.83	17.07	2.23	80.0	± 9.6 %
	200000000000000000000000000000000000000	Y	4.43	69.43	17.84		80.0	
	in an analysis and the second	Z	4.06	68.27	17.20		80.0	
10514- AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.98	67.48	16.97	2.23	80.0	± 9.6 %
		Y	4.43	68.95	17.69		80.0	
		Z	4.09	67.89	17.10		80.0	
10515- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	Х	0.85	61.86	13.41	0.00	150.0	± 9.6 %
		Y	0.94	62.67	14.18		150.0	
		Z	0.83	62.02	13.54		150.0	
10516- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	Х	0.40	65.39	13.06	0.00	150.0	± 9.6 %
		Y	0.51	67.47	15.37		150.0	
		Z	0.40	66.64	13.51		150.0	
10517- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	Х	0.68	62.98	13.39	0.00	150.0	± 9,6 %
		Y	0.78	64.16	14.53		150.0	
411/000		Z	0.66	63.30	13.59		150.0	
10518- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	Х	4.35	66.32	15.88	0.00	150.0	± 9.6 %
		Y	4.50	66.59	16.04		150.0	
	NAMES OF THE OWNER OWNER OF THE OWNER O	Z	4.32	66.37	15.90		150.0	
10519- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	Х	4.51	66.53	15.99	0.00	150.0	± 9,6 %
	AND THE PROPERTY OF THE PARTY O	Y	4.68	66.83	16.16		150.0	
-		Z	4.49	66.58	16.02		150.0	
10520- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	×	4.37	66.46	15.90	0.00	150.0	± 9.6 %
		Y	4.53	66.78	16.08		150.0	
10501	IEEE BOO 44-th MEE'S OUT VOEDLY OF	Z	4.34	66.52	15.92		150.0	
10521- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.30	66.44	15.87	0.00	150.0	± 9.6 %
		Y	4.47	66.77	16.06		150.0	
10500	IEEE BOO 44-B-WEELE COLL (CERVI) 22	Z	4.28	66.49	15.90	0.00	150.0	
10522- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.36	66.57	15.98	0.00	150.0	± 9.6 %
		Y	4.53	66.86	16.15		150.0	
		Z	4.34	66.63	16.01		150.0	

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Y 4.41 68.73 16.99 150.0 160.0 160.0 160.0 2 4.23 68.61 16.86 150.0 150.0 ± 9.6 % 16.88 150.0 150.0 ± 9.6 % 16.88 16.94 16.94 16.94 16.94 16.94 16.96 16	150 150	10523- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.25	66.45	15.83	0.00	150.0	±9.6 %
10524	Section Continue			Y	4.41	66.73	15.99		150.0	
IEEE 802.11ab WiFi S GHz (OFDM, 54	IEEE 802.11ah WiFi 5 GHz (OFDM, 54		Market 21 - 12 - 12 - 12 - 12 - 12 - 12 - 12							
Y 4.47 66.78 16.11 150.0	Y 4.47 66.78 16.11 150.0	10524- AAR						0.00		±9.6 %
	IEEE 802.11ac WiFi (20MHz, MCS0, X	U.S.	mops, cope day dyeley	Y	4 47	66.78	16.11		150.0	
IGS25			V.		- CONTRACTOR - CO	Appropriate processors and			THE RESIDENCE OF THE PARTY OF T	
AAB 99pc duly cycle) Y	NAB 99pc duty cycle Y 4.45 65.83 15.71 150.0	10505	IEEE BOO 1100 WIE: /20MUx MCSO					0.00		+069
IEEE B02.11ac WiFi (20MHz, MCS1,		AAB						0.00		£ 3.0 %
10526										
AAB 99pc duty cycle) Y 4.62 66.20 15.85 150.0 IEEE 802.11ac WiFi (20MHz, MCS2, X 4.33 65.93 15.71 150.0 9pc duty cycle) Y 4.64 66.15 15.79 150.0 Y 4.56 65.82 15.61 0.00 150.0 ±9.6 % AAB 9pc duty cycle) Y 4.56 65.88 15.64 0.00 150.0 ±9.6 % AAB 9pc duty cycle) Y 4.56 66.17 15.82 150.0 IEEE 802.11ac WiFi (20MHz, MCS4, X 4.39 65.84 15.64 0.00 150.0 ±9.6 % AAB 9pc duty cycle) Y 4.56 66.17 15.82 150.0 IEEE 802.11ac WiFi (20MHz, MCS4, X 4.39 65.84 15.64 0.00 150.0 ±9.6 % AAB 9pc duty cycle) Y 4.56 66.17 15.82 150.0 IEEE 802.11ac WiFi (20MHz, MCS4, X 4.39 65.84 15.64 0.00 150.0 ±9.6 % AAB 9pc duty cycle) Y 4.55 66.17 15.82 150.0 IEEE 802.11ac WiFi (20MHz, MCS6, X 4.37 65.90 15.67 150.0 IEEE 802.11ac WiFi (20MHz, MCS7, X 4.24 65.74 15.56 0.00 150.0 ±9.6 % AAB 9pc duty cycle) Y 4.55 66.27 15.83 150.0 IEEE 802.11ac WiFi (20MHz, MCS7, X 4.24 65.74 15.56 0.00 150.0 ±9.6 % AAB 9pc duty cycle) Y 4.41 66.12 15.76 150.0 IEEE 802.11ac WiFi (20MHz, MCS8, X 4.40 65.90 15.67 150.0 IEEE 802.11ac WiFi (20MHz, MCS8, X 4.40 65.90 15.67 150.0 IEEE 802.11ac WiFi (40MHz, MCS0, X 4.95 65.98 15.67 150.0 IEEE 802.11ac WiFi (40MHz, MCS0, X 4.95 65.98 15.67 150.0 AAB 9pc duty cycle) Y 4.57 66.2 15.81 15.90 150.0 IEEE 802.11ac WiFi (40MHz, MCS1, X 4.95 66.99 15.67 150.0 IEEE 802.11ac WiFi (40MHz, MCS1, X 4.95 66.99 15.67 150.0 IEEE 802.11ac WiFi (40MHz, MCS1, X 4.95 66.00 15.90 150.0 ±9.6 % AAB 9pc duty cycle) Y 5.09 66.30 15.90 150.0 ±9.6 % AAB 9pc duty cycle) Y 5.09 66.41 15.93 150.0 150.0 ±9.6 % AAB 9pc duty cycle) Y 5.15 66.46 15.97 150.0 150.0 ±9.6 % AAB 9pc duty cycle) Y 5.16 66.41 15.93 150.0 150.0 ±9.6 % AAB 9pc duty cycle) Y 5.17 66.41 15.97 150.0 150.0 ±9.6 % AAB 9pc duty cycle) Y 5.18 66.07 15.88 150.0 150.0 ±9.6 % AAB 9pc duty cycle) Y 5.19 66.41 15.97 150.0 150.0 ±9.6 % AAB 9pc duty cycle) Y 5.10 66.42 15.99 150.0 150.0 ±9.6 %	NAB 99pc duty cycle Y 4.62 66.20 15.85 150.0	Establish .				The state of the s		0.00	- NAME AND ADDRESS OF THE PARTY	
IEEE 802.11ac WiFi (20MHz, MCS2,	IEEE 802.11ac WiFi (20MHz, MCS2, WiFi (20MHz, MCS2, WiFi (20MHz, MCS2, WiFi (20MHz, MCS3, WiFi (20MHz, MCS3, WiFi (20MHz, MCS3, WiFi (20MHz, MCS3, WiFi (20MHz, MCS4, WiFi (20MHz, MCS6, WiFi (20MHz, MCS	10526- AAB	99pc duty cycle)		1/200	3799072		0.00		±9.6 %
IEEE 802.11ac WiFi (20MHz, MCS2, AB)			The state of the s	Y						
AAB 99pc duty cycle) Y	NAB			Z	4.43	65.93	15.71		150.0	
Y 4.54 66.15 15.79 150.0 1	Y 4.54 66.15 15.79 150.0 1	10527- AAB		X	4.38	65.82	15.61	0.00	150.0	± 9.6 %
Total	IEEE 802.11ac WiFi (20MHz, MCS3, Washed St. 18, 18, 18, 18, 18, 18, 18, 18, 18, 18,			Y	4.54	66.15	15.79	3	150.0	
IEEE 802.11ac WiFi (20MHz, MCS3, September 1990 duty cycle)	IEEE 802.11ac WiFi (20MHz, MCS3,									
AAB 99pc duty cycle) Y 4.56 66.17 15.82 150.0 Z 4.37 65.90 15.67 150.0 AAB 99pc duty cycle) Y 4.56 66.17 15.82 150.0 Z 4.37 65.90 15.67 150.0 Z 4.37 65.90 15.67 150.0 EEE 802.11ac WiFi (20MHz, MCS4, Y 4.39 65.84 15.64 0.00 150.0 ±9.6 9 AAB 99pc duty cycle) Y 4.56 66.17 15.82 150.0 Z 4.37 65.90 15.67 150.0 EEE 802.11ac WiFi (20MHz, MCS6, Y 4.37 65.90 15.64 0.00 150.0 ±9.6 9 AAB 99pc duty cycle) Y 4.55 66.27 15.83 150.0 10532- AAB 99pc duty cycle) Y 4.41 66.12 15.67 150.0 Y 4.41 66.12 15.76 150.0 10533- IEEE 802.11ac WiFi (20MHz, MCS7, Y 4.40 65.90 15.67 150.0 AAB 99pc duty cycle) Y 4.57 66.22 15.81 15.59 150.0 10534- AAB 99pc duty cycle) Y 4.57 66.22 15.81 150.0 10535- AAB 99pc duty cycle) Y 5.09 66.30 15.97 150.0 10535- AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 Y 5.09 66.11 15.86 0.00 150.0 ±9.6 9 10536- AAB 99pc duty cycle) Y 5.09 66.61 15.97 150.0 10536- AAB 99pc duty cycle) Y 5.09 66.61 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.09 66.61 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.09 66.61 15.97 150.0 10536- AAB 99pc duty cycle) Y 5.01 66.41 15.97 150.0 10537- AAB 99pc duty cycle) Y 5.02 66.41 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.41 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.41 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.11 15.80 0.00 150.0 ±9.6 9 AAB 99pc duty cycle) Y 5.02 66.11 15.80 0.00 150.0 ±9.6 9 AAB 99pc duty cycle) Y 5.02 66.11 15.80 0.00 150.0 ±9.6 9 AAB 99pc duty cycle) Y 5.02 66.11 15.81 150.0 10538- AAB 99pc duty cycle) Y 5.03 66.03 15.90 15.00 ±9.6 9 AAB 99pc duty cycle) Y 5.03 66.03 15.90 15.00 ±9.6 9 AAB 99pc duty cycle) Y 5.00 66.13 15.86 0.00 150.0 ±9.6 9 AAB 99pc duty cycle) Y 5.00 66.13 15.86 0.00 150.0 ±9.6 9	AAB	10528-	IEEE 802 11ac WIEI (20MHz MCS3	-				0.00		+96%
Total	IEEE 802.11ac WiFi (20MHz, MCS4, WiFi (20MHz, MCS6, WiFi (20MHz, MCS7, WiFi (20MHz, MCS8, WiFi (20MHz, MCS1, WiFi (20MHz, MCS1, WiFi (20MHz, MCS1, WiFi (20MHz, MCS2, WiFi (20MHz, MCS2, WiFi (20MHz, MCS3, WiFi (20MHz, MCS3, WiFi (20MHz, MCS3, WiFi (20MHz, MCS4, WiFi (20MHz, MCS6, WiFi (20MHz, MCS	AAB		2000	1000000	3333330	1000000000	0.00	N N N N N N N N N N N N N N N N N N N	2 3.0 76
IEEE 802.11ac WiFi (20MHz, MCS4,	IEEE 802.11ac WiFi (20MHz, MCS4, September 200, 150, 150, 150, 150, 150, 150, 150, 1									
AAB 99pc duty cycle) Y 4.56 66.17 15.82 150.0 Z 4.37 65.90 15.67 150.0 10531- AAB 99pc duty cycle) Y 4.55 66.27 15.83 150.0 Z 4.35 65.96 15.67 150.0 10532- AAB 99pc duty cycle) Y 4.55 66.27 15.83 150.0 Z 4.35 65.96 15.67 150.0 10533- AAB 99pc duty cycle) Y 4.41 66.12 15.76 150.0 Y 4.41 66.12 15.76 150.0 Z 4.22 65.81 15.59 150.0 10533- AAB 99pc duty cycle) Y 4.57 66.22 15.81 15.09 Y 4.57 66.22 15.81 150.0 Z 4.38 65.96 15.67 150.0 Z 4.38 65.96 15.67 150.0 10533- AAB 99pc duty cycle) Y 4.57 66.22 15.81 150.0 Z 4.38 65.96 15.67 150.0 Z 4.38 65.96 15.67 150.0 Z 4.38 65.96 15.67 150.0 10533- AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 Y 5.09 66.30 15.90 150.0 10535- AAB 99pc duty cycle) Y 5.09 66.31 15.97 150.0 10536- AAB 99pc duty cycle) Y 5.15 66.46 15.97 150.0 10537- AAB 99pc duty cycle) Y 5.15 66.41 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.00 66.31 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.00 66.31 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.41 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.00 66.41 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.41 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.11 15.80 0.00 150.0 ±9.6 9 AAB 99pc duty cycle) Y 5.00 66.11 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.11 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.11 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.11 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.11 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.11 15.83 150.0 10538- AAB 99pc duty cycle) Y 5.00 66.13 15.86 15.00 10539- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 10530- AAB 99pc duty cycle) Y 5.18 66.42 15.99 150.0	AAB 99pc duty cycle) Y 4.56 66.17 15.82 150.0 IEEE 802.11ac WiFi (20MHz, MCS6, X 4.37 65.90 15.67 150.0 Py 4.55 66.27 15.83 150.0 IEEE 802.11ac WiFi (20MHz, MCS7, X 4.24 65.74 15.56 0.00 150.0 ±9.6 % AAB 99pc duty cycle) Y 4.55 66.27 15.83 150.0 Z 4.35 65.96 15.67 150.0 IEEE 802.11ac WiFi (20MHz, MCS7, X 4.24 65.74 15.56 0.00 150.0 ±9.6 % AAB 99pc duty cycle) Y 4.41 66.12 15.76 150.0 Z 4.22 65.81 15.59 150.0 IEEE 802.11ac WiFi (20MHz, MCS8, X 4.40 65.90 15.64 0.00 150.0 ±9.6 % AAB 99pc duty cycle) Y 4.57 66.22 15.81 15.00 Z 4.38 65.96 15.67 150.0 IEEE 802.11ac WiFi (40MHz, MCS0, X 4.95 65.98 15.77 0.00 150.0 ±9.6 % AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 IEEE 802.11ac WiFi (40MHz, MCS1, X 5.02 66.17 15.86 0.00 150.0 ±9.6 % AAB 99pc duty cycle) Y 5.15 66.46 15.97 150.0 IEEE 802.11ac WiFi (40MHz, MCS2, X 4.99 66.21 15.88 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.99 66.21 15.88 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.99 66.11 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.99 66.11 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.99 66.11 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.99 66.11 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.99 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ±9.6 % AAB 99pc duty cycle) Y 5.00 66.13 15.86 15.80 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.86 15.86 150.0 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.89 150.0 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.89 150.0								A common framework of the later of the later of	
1531- IEEE 802.11ac WiFi (20MHz, MCS6, X	IEEE 802.11ac WiFi (20MHz, MCS6, Y	10529- AAB		2000	10000	- 3335	2.02760	0.00	089550	±9.6 %
IEEE 802.11ac WiFi (20MHz, MCS6, Section 2015) 15.64 0.00 150.	IEEE 802.11ac WiFi (20MHz, MCS6, Section 2015) 15.64 0.00 150.				4.56				150.0	
AAB 99pc duty cycle) Y 4.55 66.27 15.83 150.0 10532- AAB 99pc duty cycle) Y 4.41 66.12 15.76 150.0 Z 4.22 65.81 15.59 150.0 10533- AAB 99pc duty cycle) Y 4.41 66.12 15.76 150.0 Z 4.22 65.81 15.59 150.0 10533- AAB 99pc duty cycle) Y 4.57 66.22 15.81 150.0 Z 4.38 65.96 15.67 150.0 AAB 99pc duty cycle) Y 4.57 66.22 15.81 150.0 10534- AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 10535- AB 99pc duty cycle) Y 5.00 66.31 15.90 150.0 10536- AAB 99pc duty cycle) Y 5.15 66.46 15.97 150.0 10536- AAB 99pc duty cycle) Y 5.02 66.11 15.88 150.0 10536- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10537- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10537- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.31 15.80 150.0 10537- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10538- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 10538- AAB 99pc duty cycle) Y 5.03 66.38 15.92 150.0 AAB 99pc duty cycle) Y 5.04 66.12 15.81 150.0 10538- AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 AAB 99pc duty cycle) Y 5.09 66.41 15.81 150.0 AAB 99pc duty cycle) Y 5.00 66.41 15.97 150.0 ABB 99pc duty cycle) Y 5.00 66.41 15.97 150.0 ABB 99pc duty cycle) Y 5.01 66.41 15.97 150.0 ABB 99pc duty cycle) Y 5.02 66.41 15.97 150.0 ABB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 ABB 99pc duty cycle) Y 5.09 66.41 15.97 150.0 ABB 99pc duty cycle) Y 5.01 66.42 15.99 150.0	AAB 99pc duty cycle) Y 4.55 66.27 15.83 150.0 IEEE 802.11ac WiFi (20MHz, MCS7, X 4.24 65.74 15.56 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 4.41 66.12 15.76 150.0 Z 4.22 65.81 15.59 150.0 IEEE 802.11ac WiFi (20MHz, MCS8, X 4.40 65.90 15.64 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 4.57 66.22 15.81 150.0 Z 4.38 65.96 15.67 150.0 Z 4.38 65.96 15.67 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.09 66.30 15.90 15.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.00 66.30 15.90 150.0 IEEE 802.11ac WiFi (40MHz, MCS1, X 5.02 66.17 15.86 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.15 66.46 15.97 150.0 IEEE 802.11ac WiFi (40MHz, MCS2, X 4.89 66.11 15.80 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 IEEE 802.11ac WiFi (40MHz, MCS2, X 4.89 66.11 15.80 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.12 15.81 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.00 66.13 15.86 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0			Z	4.37	65.90	15.67		150.0	
Y 4.55 66.27 15.83 150.0 150.0 2 4.35 65.96 15.67 150.0 150.0 ±9.6 % 150.0 150.0 ±9.6 % 150.0 150.0 ±9.6 % 150.0 150.0 ±9.6 % 150.0 150.0 ±9.6 % 150.0 150.0 ±9.6 % 150.0 150.0 ±9.6 % 150.0 150.0 150.0 ±9.6 % 150.0 150.0 150.0 ±9.6 % 150.0	Y 4.55 66.27 15.83 150.0 150.0 2 4.35 65.96 15.67 150.0 150.0 ±9.6 %	10531- AAB		×	4.37	65,90	15.64	0.00	150.0	±9.6 %
Tele	Tele Section	1110	and any ayers,	Y	4.55	66.27	15.83		150.0	
10532- IEEE 802.11ac WiFi (20MHz, MCS7, X 4.24 65.74 15.56 0.00 150.0 ± 9.6 %	IEEE 802.11ac WiFi (20MHz, MCS7,									
Y 4.41 66.12 15.76 150.0	Y 4.41 66.12 15.76 150.0	10532-						0.00		± 9.6 %
Tele	Z 4.22 65.81 15.59 150.0 10533- IEEE 802.11ac WiFi (20MHz, MCS8, X 4.40 65.90 15.64 0.00 150.0 ± 9.6 % 4.40 99pc duty cycle) Y 4.57 66.22 15.81 150.0 ± 9.6 % 4.40 99pc duty cycle) Y 4.57 66.22 15.81 150.0 ± 9.6 % 4.40 99pc duty cycle) Y 5.09 66.30 15.67 150.0 ± 9.6 % 4.95 99pc duty cycle) Y 5.09 66.30 15.90 150.0 ± 9.6 % 4.93 66.02 15.79 150.0 ± 9.6 % 4.93 66.02 15.79 150.0 ± 9.6 % 4.99 66.21 15.86 0.00 150.0 ± 9.6 % 4.99 66.21 15.88 150.0 ± 9.6 % 4.89 66.11 15.80 0.00 150.0 ± 9.6 % 4.89 66.11 15.80 0.00 150.0 ± 9.6 % 4.89 66.11 15.80 0.00 150.0 ± 9.6 % 4.87 66.16 15.83 150.0 10537- IEEE 802.11ac WiFi (40MHz, MCS2, X 4.89 66.11 15.83 150.0 10537- IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.79 0.00 150.0 ± 9.6 % 4.95 66.12 15.81 150.0 10538- IEEE 802.11ac WiFi (40MHz, MCS4, X 4.95 66.12 15.81 150.0 10538- IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.93 15.92 150.0 10538- IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.91 15.84 0.00 150.0 ± 9.6 % 4.99 4.99 4.90 4.	NNU	Sape duty cycle)	v	1.11	66.12	45.76		150.0	
10533-	IEEE 802.11ac WiFi (20MHz, MCS8, September 2014) A48 September 2014									
AAB 99pc duty cycle) Y 4.57 66.22 15.81 150.0 10534- AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 10535- AAB 99pc duty cycle) Y 5.02 66.17 15.86 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.02 66.11 15.80 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.02 66.11 15.80 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 Z 4.97 66.16 15.83 150.0 Z 4.87 66.16 15.83 150.0 Z 4.92 66.12 15.81 150.0 Z 4.99 66.41 15.97 150.0 Z 4.90 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 Z 5.00 66.13 15.86 150.0 Z 5.00 66.42 15.99 150.0	AAB 99pc duty cycle) Y 4.57 66.22 15.81 150.0 10534- AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 2 4.93 66.02 15.77 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 Z 4.93 66.02 15.79 150.0 10535- AAB 99pc duty cycle) Y 5.15 66.46 15.97 150.0 Z 4.99 66.21 15.88 150.0 10536- AAB 99pc duty cycle) Y 5.15 66.46 15.97 150.0 Z 4.99 66.21 15.80 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 Z 4.87 66.16 15.83 150.0 Z 4.87 66.16 15.83 150.0 Z 4.99 66.21 15.88 150.0 AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 Z 4.87 66.16 15.83 150.0 Z 4.99 66.21 15.81 150.0 Z 4.90 66.11 15.90 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 Z 4.92 66.13 15.86 0.00 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 Z 5.00 66.13 15.86 150.0 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.99 150.0 ± 9.6 % AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.89 150.0	40000	1555 000 44 - 1455 100401 - 14000					0.00		10000
Tebus Tebu	Z 4.38 65.96 15.67 150.0 10534- 16.67 150.0 2 4.93 66.02 15.79 150.0 10535- 16.67 15.86 15.90 150.0 2 4.99 66.21 15.88 150.0 150.0 150.0 150.0 10536- 16.68	10533- AAB						0.00		± 9.6 %
10534- AAB 99pc duty cycle) X 4.95 65.98 15.77 0.00 150.0 ± 9.6 9	10534- IEEE 802.11ac WiFi (40MHz, MCS0,									
AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 Z 4.93 66.02 15.79 150.0 AAB 99pc duty cycle) Y 5.15 66.46 15.97 150.0 Z 4.99 66.21 15.88 150.0 10536- AAB 99pc duty cycle) Y 5.02 66.11 15.80 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 Z 4.87 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.79 0.00 150.0 ± 9.6 9 Y 5.08 66.38 15.92 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 Y 5.17 66.41 15.97 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 Y 5.17 66.41 15.97 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9	AAB 99pc duty cycle) Y 5.09 66.30 15.90 150.0 Z 4.93 66.02 15.79 150.0 AAB 99pc duty cycle) Y 5.15 66.46 15.97 150.0 Z 4.99 66.21 15.88 150.0 AAB 99pc duty cycle) Y 5.02 66.11 15.80 0.00 150.0 ±9.6 9 AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 Z 4.87 66.16 15.83 150.0 Z 4.87 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.79 0.00 150.0 ±9.6 9 Y 5.08 66.38 15.92 150.0 Z 4.99 66.12 15.81 150.0 Z 4.99 66.12 15.81 150.0 Z 4.87 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.79 0.00 150.0 ±9.6 9 Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ±9.6 9 Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ±9.6 9 P 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ±9.6 9 P 5.10 66.42 15.99 150.0			Z	4.38	65.96	15.67		150.0	
Y 5.09 66.30 15.90 150.0	Y 5.09 66.30 15.90 150.0	10534- AAB		X	4.95	65.98	15.77	0.00	150.0	±9.6 %
10535- IEEE 802.11ac WiFi (40MHz, MCS1,	IEEE 802.11ac WiFi (40MHz, MCS1,			Y	5.09	66.30	15.90		150.0	
10535- IEEE 802.11ac WiFi (40MHz, MCS1,	IEEE 802.11ac WiFi (40MHz, MCS1,			Z	4.93	66.02	15.79		150.0	
Y 5.15 66.46 15.97 150.0 Z 4.99 66.21 15.88 150.0 10536- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 10538- AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 10538- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 Y 5.17 66.41 15.97 150.0 Y 5.18 66.07 15.89 150.0 Y 5.19 66.41 15.97 150.0 Y 5.10 66.42 15.99 150.0	Y 5.15 66.46 15.97 150.0 Z 4.99 66.21 15.88 150.0 10536- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 Z 4.87 66.16 15.83 150.0 IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.79 0.00 150.0 ± 9.6 9 Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 Y 5.17 66.41 15.97 150.0 Z 4.99 66.10 15.81 150.0 IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 Y 5.17 66.41 15.97 150.0 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9	10535- AAB						0.00		± 9.6 %
Z 4.99 66.21 15.88 150.0 1	Z 4.99 66.21 15.88 150.0 10536- AAB 99pc duty cycle) Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 Z 4.95 66.07 15.79 150.0 Z 4.96 66.07 15.81 150.0 Z 4.97 66.10 15.81 150.0 Z 4.98 66.10 15.81 150.0 Z 4.98 66.10 15.81 150.0 Z 4.99 66.10 15.81 150.0 Z 4.99 66.11 15.81 150.0 Z 4.90 66.12 15.81 150.0 Z 4.91 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 Z 4.91 66.12 15.81 150.0 Z 4.92 66.12 15.81 150.0 Z 4.91 66.11 15.97 150.0 Z 5.00 66.11 15.97 150.0			V	5.15	66.46	15 97		150.0	
10536- AAB 99pc duty cycle)	IEEE 802.11ac WiFi (40MHz, MCS2, ABB G6.11 15.80 0.00 150.0 ± 9.6 %									
Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 10538- IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 PY 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.10 66.42 15.85 0.00 150.0 ± 9.6 9 PY 5.10 66.42 15.99 150.0	Y 5.02 66.41 15.93 150.0 Z 4.87 66.16 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 10538- AAB 99pc duty cycle) Y 5.07 66.41 15.97 150.0 Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 Z 5.00 66.13 15.86 150.0 Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	10536-						0.00		± 9.6 %
Z 4.87 66.16 15.83 150.0 10537- IEEE 802.11ac WiFi (40MHz, MCS3, X 4.95 66.07 15.79 0.00 150.0 ± 9.6 9 Py 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 10538- IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 Py 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	Z 4.87 66.16 15.83 150.0 10537- AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 10538- AAB 99pc duty cycle) Y 5.07 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 D 5.00 150.0 ± 9.6 9 D 6.00 150.0 ± 9.6 9 D 7 5.17 66.41 15.97 150.0 D 8 5.00 66.13 15.86 150.0 D 8 6.00 150.0 ± 9.6 9 D 9 6.00 150.0 ± 9.6 9 D 10540- D 1	AND	Sopo daty cycle)	V	5.00	66.44	15.02		150.0	
10537- AAB 99pc duty cycle)	10537- AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 10538- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 Z 5.00 66.13 15.86 150.0 Z 5.00 66.13 15.86 150.0 Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0				- The state of the					
AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 10538- AB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Y 5.17 66.41 15.97 150.0 Y 5.18 66.13 15.86 150.0 Y 5.19 66.13 15.86 150.0 Y 5.10 66.42 15.99 150.0	AAB 99pc duty cycle) Y 5.08 66.38 15.92 150.0 Z 4.92 66.12 15.81 150.0 10538- IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	40507	IEEE 000 44 WIE 44041 - 14000					0.00		1000
Z 4.92 66.12 15.81 150.0 10538- IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9 Py 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	Z 4.92 66.12 15.81 150.0 10538- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	10537- AAB						0.00		± 9.6 %
10538- IEEE 802.11ac WiFi (40MHz, MCS4, X 5.03 66.09 15.84 0.00 150.0 ± 9.6 9	10538- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 ± 9.6 9 10540- AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 150.0 ± 9.6 9 2 5.00 66.13 15.86 150.0 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0		924.0 224.7							
AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	AAB 99pc duty cycle) Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0					The second secon				
Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	Y 5.17 66.41 15.97 150.0 Z 5.00 66.13 15.86 150.0 10540- AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	10538- AAB		X	5.03	66.09	15.84	0.00	150.0	± 9.6 %
Z 5.00 66.13 15.86 150.0 10540- IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	Z 5.00 66.13 15.86 150.0 10540- IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0			Y	5.17	66.41	15.97		150.0	
10540- IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0	10540- IEEE 802.11ac WiFi (40MHz, MCS6, X 4.96 66.07 15.85 0.00 150.0 ± 9.6 9 AAB 99pc duty cycle) Y 5.10 66.42 15.99 150.0						_			
Y 5.10 66.42 15.99 150.0	Y 5.10 66.42 15.99 150.0	10540- AAB						0.00		± 9.6 %
		FIRE	sopo duty cycle)	V	5.10	66.42	15.00		160.0	
	2 4.94 68.11 15.87 150.0		+							

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AAB 99pc duty cy 10543- AAB 99pc duty cy 10544- AAB 99pc duty cy 10545- AAB 99pc duty cy 10546- AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAB 99pc duty cy 10555- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy	802.11ac WiFi (40MHz, MCS7, duty cycle)	X	4.94	65.98	15.78	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10543- AAB 99pc duty cy 10544- AAB 99pc duty cy 10545- AAB 99pc duty cy 10546- AAB 99pc duty cy 10547- AAB 99pc duty cy 10547- AAB 99pc duty cy 10550- AAB 1EEE 802.11 AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AB 99pc duty cy 10553- AB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAB 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy		Y	5.08	66.30	15.92		150.0	
AAB 99pc duty cy 10543- AAB 99pc duty cy 10544- AAB 99pc duty cy 10544- AAB 99pc duty cy 10545- AAB 99pc duty cy 10547- AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 1EEE 802.11 AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAB 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy		Z	4.91	66.00	15.80		150.0	
AAB 99pc duty cy 10544- IEEE 802.11 AAB 99pc duty cy 10545- IEEE 802.11 99pc duty cy 10546- IEEE 802.11 99pc duty cy 10547- IEEE 802.11 99pc duty cy 10548- IEEE 802.11 99pc duty cy 10550- IEEE 802.11 AAB 99pc duty cy 10551- IEEE 802.11 AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	802.11ac WiFi (40MHz, MCS8, duty cycle)	Х	5.09	66.06	15.85	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10544- IEEE 802.11 AAB 99pc duty cy 10545- IEEE 802.11 99pc duty cy 10546- IEEE 802.11 99pc duty cy 10547- IEEE 802.11 AAB 99pc duty cy 10548- IEEE 802.11 AAB 99pc duty cy 10550- IEEE 802.11 AAB 99pc duty cy 10551- IEEE 802.11 AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Y	5.23	66.37	15.97		150.0	
AAB 99pc duty cy 10544- IEEE 802.11 AAB 99pc duty cy 10545- IEEE 802.11 99pc duty cy 10546- IEEE 802.11 99pc duty cy 10547- IEEE 802.11 99pc duty cy 10548- IEEE 802.11 99pc duty cy 10550- IEEE 802.11 AAB 99pc duty cy 10551- IEEE 802.11 AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Z	5.07	66.10	15.87		150.0	
10544- AAB 99pc duty cy 10545- AAB 99pc duty cy 10546- AAB 99pc duty cy 10547- AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy	802.11ac WiFi (40MHz, MCS9,	X	5.16	66.09	15.89	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10545- AAB 99pc duty cy 10546- AAB 99pc duty cy 10547- AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy	daty dyddy	Y	5.31	66.40	16.01		150.0	
AAB 99pc duty cy 10545- AAB 99pc duty cy 10546- AAB 99pc duty cy 10547- AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy		Z	5.13	66.12	15.91		150.0	
10545- AAB 99pc duty cy 10546- AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10553- AAC 99pc duty cy 10555- AAC 99pc duty cy 10555- AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS0,	X	5.29	66.10	15.79	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10546- AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 1EEE 802.11 AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy	duty byole)	Y	5.40	66.43	15.90		450.0	
AAB 99pc duty cy 10546- AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 1EEE 802.11 AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy		Z	5.26	66.14	15.80		150.0	
AAB 99pc duty cy 10546- IEEE 802.11 AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- IEEE 802.11 AAB 99pc duty cy 10550- IEEE 802.11 AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS1,	X	5.48	66.56	15.80	0.00		
AAB 99pc duty cy 10547- IEEE 802.11 AAB 99pc duty cy 10548- IEEE 802.11 AAB 99pc duty cy 10550- IEEE 802.11 AAB 99pc duty cy 10551- IEEE 802.11 AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy			18186	598300	120000000	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10547- IEEE 802.11 AAB 99pc duty cy 10548- IEEE 802.11 AAB 99pc duty cy 10550- IEEE 802.11 AAB 99pc duty cy 10551- IEEE 802.11 AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Y	5.58	66.80	16.04		150.0	
AAB 99pc duty cy 10547- AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy		Z	5.46	66.60	15.98		150.0	
AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS2, duty cycle)	X	5.33	66.26	15.83	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy		Y	5.46	66.63	15.97		150.0	
AAB 99pc duty cy 10548- AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy	AA-III CAMPAGAA MI	Z	5.31	66.29	15.85		150.0	
AAB 99pc duty cy 10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy 10556- AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS3, duty cycle)	X	5.41	66.34	15.87	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10550- IEEE 802.11 99pc duty cy 10551- AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Y	5.53	66.66	15.98		150.0	
AAB 99pc duty cy 10550- IEEE 802.11 99pc duty cy 10551- AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Z	5.38	66.37	15.88		150.0	
10550- AAB 99pc duty cy 10551- AAB 99pc duty cy 10551- AAB 99pc duty cy 10552- IEEE 802.11 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS4, duty cycle)	X	5.63	67.21	16.27	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10551- IEEE 802.11 AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Y	5.74	67.47	16.35		150.0	
AAB 99pc duty cy 10551- IEEE 802.11 AAB 99pc duty cy 10552- IEEE 802.11 AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Z	5.61	67.23	16.28		150.0	
10551- AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS6, duty cycle)	X	5.38	66.38	15.91	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10552- 10552- 10553- 1EEE 802.11 AAB 99pc duty cy 10554- 10554- 10554- 10555- 10555- 10555- 10556- 105		Y	5.49	66.64	15.98		150.0	
AAB 99pc duty cy 10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy 10556- AAC 99pc duty cy		Z	5.36	66.42	15.92		150.0	
10552- AAB 99pc duty cy 10553- AAB 99pc duty cy 10554- AAC 99pc duty cy 10555- AAC 1EEE 802.11 A9pc duty cy 10555- AAC 99pc duty cy 10556- AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS7, duty cycle)	Х	5.36	66.32	15.84	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	3017 03007	Y	5.50	66.68	15.97		150.0	
AAB 99pc duty cy 10553- IEEE 802.11 AAB 99pc duty cy 10554- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Z	5.34	66.35	15.85		150.0	
10553- IEEE 802.11 99pc duty cy 10554- IEEE 802.11 AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS8, duty cycle)	X	5.29	66.17	15.76	0.00	150.0	± 9.6 %
AAB 99pc duty cy 10554- IEEE 802.11 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	001/ 0/00/	Y	5.41	66.50	15.88		150.0	
AAB 99pc duty cy 10554- IEEE 802.11 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Z	5.27	66.20	15.78		150.0	
10554- IEEE 802.11 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	802.11ac WiFi (80MHz, MCS9, duty cycle)	X	5.36	66.18	15.80	0.00	150.0	± 9.6 %
AAC 99pc duty cy 10555- AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Y	5.50	66.54	15.93		150.0	
AAC 99pc duty cy 10555- IEEE 802.11 AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Z	5.34	66.21	15.81		150.0	
10555- IEEE 802.11 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	802.11ac WiFi (160MHz, MCS0, duty cycle)	X	5.71	66.48	15.89	0.00	150.0	± 9.6 %
AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy	4 14 14	Y	5.80	66.79	15.99		150.0	
AAC 99pc duty cy 10556- IEEE 802.11 AAC 99pc duty cy		Z	5.68	66.51	15.90		150.0	
10556- IEEE 802.11 AAC 99pc duty cy	802.11ac WiFi (160MHz, MCS1, duty cycle)	X	5.83	66.77	16.02	0.00	150.0	± 9.6 %
AAC 99pc duty cy		Y	5.92	67.07	16.11		150.0	
AAC 99pc duty cy		Z	5.80	66.80	16.03		150.0	
	802,11ac WiFi (160MHz, MCS2, duty cycle)	X	5.85	66.83	16.04	0.00	150.0	± 9.6 %
10557- IEEE 802.11	-1-1	Y	5.94	67.11	16.13		150.0	3
10557- IEEE 802.11		Z	5.83	66.86	16.05		150.0	
AAC 99pc duty cy	802.11ac WiFi (160MHz, MCS3,	X	5.80	66.70	15.99	0.00	150.0	± 9.6 %
7 TO BODG GULLY CY	duty byone/	Y	5.91	67.03	16 11		150.0	
		Z	5.78	66.73	16.11		150.0	

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10558- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	5.85	66.85	16.09	0.00	150.0	± 9.6 %
		Y	5.96	67.18	16.20		150.0	
		Z	5.82	66.88	16.09		150.0	
10560- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	5.84	66.71	16.05	0.00	150.0	±9.6 %
		Y	5.96	67.05	16.17		150.0	
		Z	5.82	66.73	16.06		150.0	
10561- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	Х	5.78	66.71	16.09	0.00	150.0	±9.6 %
		Y	5.88	67.01	16.18		150.0	
		Z	5.75	66.73	16.09		150.0	5,017
10562- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	Х	5.86	66.97	16.22	0.00	150.0	±9.6 %
	33-5-1-3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Y	5.99	67.36	16.36		150.0	
3-4550	A DECOMPTO TO THE PROPERTY OF THE PARTY OF T	Z	5.84	67.00	16.23	Seesano.	150.0	
10563- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	Х	5.96	66.92	16.16	0.00	150.0	±9.6 %
		Y	6.21	67.61	16.44		150.0	
- STEU SI		Z	5.93	66.93	16.16	CZ SWASI	150.0	71-72-72-72
10564- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 99pc duty cycle)	X	4.68	66.42	16.06	0.46	150.0	±9.6 %
No. of the last		Y	4.83	66.69	16.22		150.0	
		Z	4.65	66.46	16.07		150.0	
10565- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	X	4.89	66.85	16.39	0.46	150.0	±9.6 %
		Y	5.05	67.14	16.54		150.0	
		Z	4.86	66.90	16.41		150.0	
10566- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 99pc duty cycle)	Х	4.72	66.67	16.19	0.46	150.0	± 9.6 %
		Y	4.89	66.98	16.35		150.0	
		Z	4.70	66.72	16.20		150.0	
10567- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 99pc duty cycle)	X	4.75	67.07	16.56	0.46	150.0	± 9.6 %
		Y	4.92	67.37	16.70		150.0	
		Z	4.73	67.14	16.59		150.0	
10568- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 99pc duty cycle)	X	4.63	66.44	15.94	0.46	150.0	± 9.6 %
		Y	4.80	66.76	16.13		150.0	
		Z	4.61	66.47	15.95		150.0	
10569- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 99pc duty cycle)	X	4.72	67.22	16.65	0.46	150.0	± 9.6 %
		Y	4.87	67.46	16.77		150.0	
1111		Z	4.71	67.30	16.69		150.0	
10570- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 99pc duty cycle)	×	4.74	67.05	16.56	0.46	150.0	±9.6 %
		Y	4.91	67.30	16.69		150.0	
		Z	4.72	67.12	16.60		150.0	1
10571- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	X	1.04	63.16	14.41	0.46	130.0	±9.6 %
		Y	1.16	64.31	15.32		130.0	
		Z	1.04	63.55	14.61		130.0	12- Care
10572- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.05	63.64	14.72	0.46	130.0	±9.6 %
		Y	1.18	64.86	15.66		130.0	
Chestrones -		Z	1.05	64.09	14.95	DECESSO	130.0	02-02-02
10573- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	1.03	74.44	17.59	0.46	130.0	±9.6 %
12/02/2		Y	1.79	82.59	21.75		130.0	
		Z	1.38	78.61	18.89	1742/70901	130.0	Francisco.
10574- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	1.07	68.05	16.92	0.46	130.0	± 9.6 %
AAA		Y	1.27	70.18	10.24		130.0	
		1 1	1.61	10.10	18.34		1,50.0	

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10575- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 90pc duty cycle)	X	4.47	66.23	16.12	0.46	130.0	±9.6 %
nnn	OFDM, 6 Mops, sope duty cycle)	Y	4.62	66.51	16.29		420.0	
		Z	4.45	66.28	16.14		130.0	
10576- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 90pc duty cycle)	X	4.50	66.41	16.19	0.46	130.0	±9.6 %
(0)5100		Y	4.65	66.67	16.36		130.0	
		Z	4.48	66.46	16.21		130.0	
10577- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 90pc duty cycle)	X	4.68	66.68	16.36	0.46	130.0	± 9.6 %
	The state of the s	Y	4.85	66.96	16.53		130.0	
		Z	4.66	66.74	16.38		130.0	
10578- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 90pc duty cycle)	X	4.58	66.82	16.46	0.46	130.0	± 9.6 %
		Y	4.75	67.12	16.62		130.0	
		Z	4.56	66.89	16.49		130.0	
10579- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 90pc duty cycle)	×	4.34	66.04	15.71	0.46	130.0	±9.6 %
		Y	4.51	66.41	15.94		130.0	
10807	1000 000 10 1100 1100	Z	4.32	66.08	15.72		130.0	
10580- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 90pc duty cycle)	X	4.38	66.11	15.75	0.46	130.0	± 9.6 %
		Y	4.56	66.45	15.97		130.0	
40554	IEEE OOD 14 MIEEE 1 CO. CO.	Z	4.36	66.15	15.76		130.0	
10581- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 90pc duty cycle)	X	4.48	66.85	16.40	0.46	130.0	±9.6 %
		Y	4.64	67.15	16.57		130.0	
		Z	4.46	66.93	16.43		130.0	
10582- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 90pc duty cycle)	X	4.27	65.80	15.49	0.46	130.0	± 9.6 %
		Y	4.45	66.17	15.73		130.0	
		Z	4.25	65.84	15.50		130.0	
10583- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	Х	4.47	66.23	16.12	0.46	130.0	± 9.6 %
		Y	4.62	66.51	16.29		130.0	
		Z	4,45	66.28	16.14		130.0	
10584- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.50	66.41	16.19	0.46	130.0	± 9.6 %
		Y	4.65	66.67	16.36		130.0	
CONTRACT OF		Z	4.48	66.46	16.21		130.0	
10585- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	Х	4.68	66.68	16.36	0.46	130.0	± 9.6 %
		Y	4.85	66.96	16.53		130.0	
		Z	4.66	66.74	16.38		130.0	
10586- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	4.58	66.82	16.46	0.46	130.0	± 9.6 %
ALVA-	VALUE OF THE STATE	Y	4.75	67.12	16.62		130.0	
		Z	4.56	66.89	16.49	10000	130.0	
10587- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	4.34	66.04	15.71	0.46	130.0	± 9.6 %
700 F	1,000-00-0-00-00-00-00-00-00-00-00-00-00-	Y	4.51	66.41	15.94		130.0	
		Z	4.32	66.08	15.72		130.0	
10588- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 38 Mbps, 90pc duty cycle)	Х	4.38	66.11	15.75	0.46	130.0	± 9.6 %
	1 17 24 28 28 16 1	Y	4.56	66.45	15.97		130.0	
10.00		Z	4.36	66.15	15.76		130.0	
10589- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	X	4.48	66.85	16.40	0.46	130.0	± 9.6 %
	() () () () () () () () () ()	Y	4.64	67.15	16.57		130.0	
		Z	4.46	66.93	16.43		130.0	
10590- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	×	4.27	65.80	15.49	0.46	130.0	±9.6 %
	0 10 10 10 10 10 10 10 10 10 10 10 10 10	Y	4.45	66.17	15.73		130.0	
		Z	4.25	65.84	15.50		130.0	

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10591- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.63	66.32	16.25	0.46	130.0	±9.6 %
2.00		Y	4.77	66.58	16.40		130.0	
		Z	4.60	66.37	16.26		130.0	
10592- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	4.76	66.63	16.38	0.46	130.0	±9.6 %
0.00	Wide I, depo daty cyare)	Y	4.92	66.91	16.53		130.0	
		Z	4.74	66.69	16.39		130.0	
10593-	IEEE 802.11n (HT Mixed, 20MHz,	X	4.68	66.51	16.23	0.46	130.0	± 9.6 %
AAB	MCS2, 90pc duty cycle)		00000	2,00,000		0.40		1 3.0 %
		Y	4.85	66.82	16.41		130.0	3
		Z	4.66	66.56	16.25		130.0	
10594- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	4.73	66.69	16.40	0.46	130.0	±9.6 %
	The state of the s	Y	4.90	66.98	16.56		130.0	
		Z	4.71	66.75	16.42		130.0	
10595- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	×	4.70	66.65	16.30	0.46	130.0	± 9.6 %
	The state of the s	Y	4.87	66.93	16.46		130.0	
		Z	4.68	66.71	16.32		130.0	
10596-	IEEE 802.11n (HT Mixed, 20MHz,	X	4.63	66.63	16.29	0.46	130.0	± 9.6 %
AAB	MCS5, 90pc duty cycle)	Ŷ	1000000	1,500,000	35,000,000	0.40	500000	2 3.0 70
			4.80	66.93	16.46		130.0	
10000	under and all differences	Z	4.61	66.68	16.31	0.10	130.0	
10597- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	×	4.58	66.50	16.15	0.46	130.0	± 9.6 %
		Y	4.75	66.83	16.34		130.0	
		Z	4.56	66.55	16.17	-	130.0	
10598- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	4.57	66.73	16.42	0.46	130.0	± 9.6 %
		Y	4.74	67.06	16.60		130.0	
		Z	4.55	66.80	16.45		130.0	
10599- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.31	66.88	16.52	0.46	130.0	± 9.6 %
1012	111000, 0000 001, 0700,	Y	5.44	67.12	16.60		130.0	
		Z	5.29	66.91	16.52		130.0	
10600-	IEEE 802.11n (HT Mixed, 40MHz.	X	5.45	67.34	16.72	0.46	130.0	±9.6 %
AAB	MCS1, 90pc duty cycle)					0.40		2 5.0 //
		Y	5.55	67.46	16.74		130.0	
		Z	5.42	67.36	16.72		130.0	
10601- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	×	5.33	67.05	16,59	0.46	130.0	±9.6 %
V. 9-3093h		Y	5.45	67.25	16.66		130.0	
income.	Control of the Contro	Z	5.30	67.08	16.60	Farmer .	130.0	A. Samuel
10602- AAB	IEEE 802,11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	X	5.46	67.20	16.58	0.46	130.0	± 9.6 %
200011		Y	5.54	67.28	16.59		130.0	-
		Z	5.43	67.22	16.58		130.0	
10603- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.52	67.46	16.85	0.46	130.0	±9.6 %
		Y	5.62	67.58	16.87		130.0	
		Z	5.50	67.50	16.86		130.0	
10604- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	X	5.39	67.12	16.66	0.46	130.0	±9.6 %
PPIG:	wood, sope daily cycle)	Y	5.44	67.09	16.62		130.0	
		Z	5.37	67.16	16.68		130.0	
10005	IEEE DOO 44m /UT Moved 40MI					0.40		1000
10605- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	5.44	67.25	16.73	0.46	130.0	± 9.6 %
		Y	5.54	67.37	16.75		130.0	
		Z	5.42	67.27	16.73		130.0	
10606- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	×	5.17	66.49	16.20	0.46	130.0	± 9.6 %
AAD		Y	5.30	66.78	16.32		130.0	1

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10607- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.46	65.61	15.85	0.46	130.0	± 9.6 %
	and along	Y	4.61	65.89	16.02		130.0	
		Z	4.44	65.67	15.88		130.0	
10608- AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.62	65.98	16.01	0.46	130.0	± 9.6 %
		Y	4.79	66.29	16.18		130.0	
		Z	4.60	66.04	16.04		130.0	
10609- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	X	4.51	65.80	15.83	0.46	130.0	± 9.6 %
		Y	4.68	66.13	16.02		130.0	
		Z	4.49	65.86	15.85		130.0	
10610- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	×	4.56	65.97	16.00	0.46	130.0	± 9.6 %
		Y	4.73	66.29	16.18		130.0	
		Z	4.55	66.03	16.03		130.0	
10611- AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	×	4.48	65.77	15.84	0.46	130.0	± 9.6 %
		Y	4.65	66.10	16.03		130.0	
		Z	4.46	65.83	15.87		130.0	
10612- AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	4.48	65.91	15.88	0.46	130.0	± 9.6 %
040-		Y	4.66	66.25	16.07		130.0	
		Z	4.46	65.96	15.90		130.0	/
10613- AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	×	4.48	65.76	15.74	0.46	130.0	± 9.6 %
	- Carterior State Control of Control	Y	4.66	66.13	15.96		130.0	
		Z	4.46	65.81	15.76		130.0	1
10614- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	×	4.43	65.96	15.99	0.46	130.0	± 9.6 %
75.00-2	S CAROLIA COCCATO CONTRACTOR	Y	4.60	66.32	16.18		130.0	
		Z	4.42	66.03	16.02	10 20	130.0	-
10615- AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	×	4.48	65.60	15.61	0.46	130.0	± 9.6 %
om-		Y	4.65	65.94	15.81		130.0	
		Z	4.45	65.64	15.62	Lower Co.	130.0	E
10616- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	×	5.12	66.07	16.09	0.46	130.0	± 9.6 %
		Y	5.25	66.37	16.21		130.0	
		Z	5.09	66.11	16.11		130.0	S. Samuelan
10617- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	×	5.19	66.29	16.18	0.46	130.0	± 9.6 %
		Y	5.32	66.52	16.26		130.0	
		Z	5.17	66.32	16.19		130.0	
10618- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	×	5.08	66.28	16.19	0.46	130.0	± 9.6 %
	I HAVE AN ARE TO THE TOTAL PROPERTY OF THE T	Y	5.20	66.54	16.29		130.0	
		Z	5.06	66.33	16.20		130.0	
10619- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.09	66.06	16.01	0.46	130.0	± 9.6 %
		Y	5.22	66.35	16.13	6	130.0	
		Z	5.06	66.10	16.02		130.0	
10620- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.17	66.10	16.08	0.46	130.0	±9.6 %
		Y	5.31	66.40	16.20		130.0	
		Z	5.15	66.14	16.09		130.0	
10621- AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.18	66.25	16.28	0.46	130.0	± 9.6 %
		Y	5.31	66.53	16.3B		130.0	
		Z	5.16	66.30	16.30	1	130.0	
10622- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	Х	5.20	66.45	16.37	0.46	130.0	± 9.6 %
		Y	5.32	66.67	16.45		130.0	
		Z	5.18	66.49	16.39		130.0	

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10623- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.06	65.90	15.96	0.46	130.0	±9.6 %
-VD	sope duty cycle)	Y	5.20	66.22	16.10		130.0	
		Z	5.04	65.93	15.97		130.0	
10624- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	X	5.26	66.14	16.15	0.46	130.0	±9.6 %
-V-LD	Sope daily cycle)	Y	5.39	66.41	16.26		130.0	
		Z	5.23	66.17	16.16		130.0	
10625- AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	5.51	66.80	16.54	0.46	130.0	±9.6 %
	0000000	Y	5.73	67.31	16.76		130.0	
		Z	5.48	66.81	16.54		130.0	a servedi
10626- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.44	66.14	16.07	0.46	130.0	±9.6 %
		Y	5.55	66.44	16.18		130.0	
00000	Santa de la companya del companya de la companya de la companya del companya de la companya de l	Z	5.41	66.17	16.08		130.0	
10627- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	Х	5.69	66.79	16.36	0.46	130.0	±9.6 %
enten		Y	5.77	66.95	16.39		130.0	
/ Nec / 1000	Land to the same of the same o	Z	5.66	66.81	16.36		130.0	
10628- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.45	66.17	15.98	0.46	130.0	± 9.6 %
0.2010	STEW STEWS STEWS	Y	5.58	66.53	16.12	2 9	130.0	
	The second secon	Z	5.42	66.19	15.98		130.0	
10629- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	5.54	66.28	16.03	0.46	130.0	± 9.6 %
		Y	5.65	66.57	16.13		130.0	
		Z	5.51	66.30	16.03		130.0	
10630- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	×	5.93	67.67	16.72	0.46	130.0	± 9.6 %
		Y	6.03	67.89	16.79		130.0	
		Z	5.89	67.66	16.71		130.0	
	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	5.82	67.45	16.81	0.46	130.0	±9.6 %
		Y	5.97	67.81	16.94		130.0	
		Z	5.79	67.49	16.83		130.0	
10632- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	Х	5.66	66.88	16.55	0.46	130.0	±9.6 %
		Y	5.74	67.02	16.56		130.0	
		Z	5.64	66.92	16.56		130.0	
10633- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	5.51	66.37	16.11	0.46	130.0	±9.6 %
		Y	5.64	66.70	16.23		130.0	
		Z	5.49	66.40	16.12		130.0	
10634- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	5.49	66.38	16.18	0.46	130.0	± 9.6 %
		Y	5.63	66.73	16.31		130.0	
		Z	5.47	66.41	16.19		130.0	
10635- AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.37	65.68	15.55	0.46	130.0	± 9.6 %
		Y	5.51	66.08	15.72		130.0	
	The state of the s	Z	5.34	65.68	15.54		130.0	2000
10636- AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	5.87	66.53	16.18	0.46	130.0	± 9.6 %
		Y	5.96	66.80	16.26		130.0	
	A NOTE OF THE PROPERTY OF THE PARTY OF THE P	Z	5.84	66.55	16.18	100000	130.0	
10637- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	6.02	66.93	16.36	0.46	130.0	± 9.6 %
11.50/01	The second secon	Y	6.10	67.16	16.42		130.0	
V.V.Son	The second secon	Z	5.99	66.94	16.36		130.0	
10638- AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	×	6.02	66.89	16.32	0.46	130.0	± 9.6 %
3277	- arkweekstehense, i -	Y	6.11	67.15	16.40		130.0	
		Z	5.99		16.32			

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10639- AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	5.98	66,80	16.32	0.46	130.0	± 9.6 %
		Y	6.09	67.11	16.42		130.0	
100000	A Committee of the Comm	Z	5.96	66.82	16.32		130.0	
10640- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	5.98	66.79	16.25	0.46	130.0	± 9.6 %
Hallo-S		Y	6.09	67.11	16.37		130.0	
	and the second s	Z	5.95	66.81	16.25		130.0	
10641- AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	X	6.05	66.80	16.28	0.46	130.0	± 9.6 %
		Y	6.13	67.01	16.33		130.0	
		Z	6.03	66.81	16.27	20000	130.0	
10642- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	×	6.07	66.99	16.54	0.46	130.0	± 9.6 %
		Y	6.18	67.28	16.63		130.0	
******		Z	6.05	67.01	16.55	2000	130.0	
10643- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	5.92	66.69	16.29	0.46	130.0	±9.6 %
	1 22 - 1011 - 22	Y	6.01	66.95	16.37		130.0	
		Z	5.89	66.71	16.29		130.0	
10644- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	6.02	67.01	16.47	0.46	130.0	± 9.6 %
		Y	6.17	67.43	16.63		130.0	
		Z	6.00	67.03	16.46		130.0	
10645- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	Х	6.18	67.13	16.49	0.46	130.0	± 9.6 %
		Y	6.48	67.96	16.85		130.0	
		Z	6.15	67.13	16.48		130.0	
10646- AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	Х	14.66	105.10	36.14	9.30	60.0	± 9.6 %
		Y	34.83	124.98	42.17		60.0	
		Z	17.09	107.30	36.45		60.0	
10647- AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	Х	12.88	102.80	35.56	9.30	60.0	± 9.6 %
		Y	28.98	121.44	41.35		60.0	
		Z	15.19	105.38	36.00		60.0	
10648- AAA	CDMA2000 (1x Advanced)	X	0.46	60.48	7.48	0.00	150.0	± 9.6 %
		Y	0.64	62.67	10.12		150.0	
		Z	0.43	60.23	7.08		150.0	
10652- AAD	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.39	66.19	15.99	2.23	80.0	± 9.6 %
		Y	3.73	67.27	16.73		80.0	
		Z	3.47	66.55	16.10		80.0	
10653- AAD	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	3.95	65.70	16.32	2,23	80.0	± 9.6 %
		Y	4.24	66.55	16.83		80.0	
account to	Section (Alexander Anna Alexander Anna Anna Anna Anna Anna Anna Anna Ann	Z	4.01	65.99	16.41		80.0	
10654- AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	Х	3.95	65.36	16.35	2.23	80.0	± 9.6 %
110000	5 CONTROL OF CONTROL O	Y	4.21	66.20	16.82		80.0	
	The second secon	Z	4.01	65.65	16.45		80.0	
10655- AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	Х	4.02	65.33	16.40	2.23	80.0	± 9.6 %
1000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Y	4.27	66.19	16.86		80.0	
		Z	4.08	65.61	16.49		80.0	
10658- AAA	Pulse Waveform (200Hz, 10%)	Х	22.73	92.81	21.68	10.00	50.0	± 9.6 %
		Y	100.00	114.13	27.80		50.0	
		Z	11.47	84.03	19.31	during.	50.0	
10659- AAA	Pulse Waveform (200Hz, 20%)	Х	100.00	107.89	23.77	6.99	60.0	± 9.6 %
		Y	100.00	112.00	25.89		60.0	
		Z	100.00	107.59	23.87		60.0	

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10660- AAA	Pulse Waveform (200Hz, 40%)	X	100.00	103.98	20.71	3.98	80.0	±9.6 %
non.		Y	100.00	111.62	24.50		80.0	
		Z	100.00	102.80	20.39		80.0	
10661- Pulse Waveform (Pulse Waveform (200Hz, 60%)	X	100.00	97.71	16.95	2.22	100.0	±9.6 %
		Y	100.00	112.86	23.84		100.0	
		Z	12.87	82.54	13.42		100.0	
10662- AAA	Pulse Waveform (200Hz, 80%)	X	0.20	60.00	3.58	0.97	120.0	±9.6 %
		Y	100.00	113.04	22.31		120.0	
		Z	0.23	60.00	3.32		120.0	
10670- Blu AAA	Bluetooth Low Energy	X	100.00	103.45	19.60	2.19	100.0	±9.6%
		Y	100.00	115.24	25.21		100.0	
		Z	100.00	101.01	18.73	(i)	100.0	

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

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ANNEX B

DIPOLE CALIBRATION REPORTS



Calibration Laboratory of

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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Client TÜV SÜD UK

Certificate No: D2450V2-715 Dec18

CALIBRATION CERTIFICATE D2450V2 - SN:715 Object QA CAL-05.v10 Calibration procedure(s) Calibration procedure for dipole validation kits above 700 MHz Calibration date: December 11, 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 ± 3)°C and humidity < 70%. Calibration Equipment used (M&TE critical for calibration) Primary Standards ID # Cal Date (Certificate No.) Scheduled Calibration Power meter NRP SN: 104778 04-Apr-18 (No. 217-02672/02673) Power sensor NRP-Z91 SN: 103244 04-Apr-18 (No. 217-02672) Apr-19 SN: 103245 Power sensor NRP-Z91 04-Apr-18 (No. 217-02673) Apr-19 Reference 20 dB Attenuator SN: 5058 (20k) 04-Apr-18 (No. 217-02682) Apr-19 Type-N mismatch combination SN: 5047.2 / 06327 04-Apr-18 (No. 217-02683) Apr-19 Reference Probe EX3DV4 SN: 7349 30-Dec-17 (No. EX3-7349_Dec17) Dec-18 SN: 601 04-Oct-18 (No. DAE4-601_Oct18) DAF4 Oct-19 Secondary Standards ID# Check Date (in house) Scheduled Check SN: GB37480704 Power meter EPM-442A 07-Oct-15 (in house check Oct-18) In house check: Oct-20 Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-18) In house check: Oct-20 07-Oct-15 (in house check Oct-18) In house check: Oct-20 Power sensor HP 8481A SN: MY41092317 RF generator R&S SMT-06 SN: 100972 15-Jun-15 (in house check Oct-18) In house check: Oct-20 Network Analyzer Agilent E8358A SN: US41080477 31-Mar-14 (in house check Oct-18) In house check: Oct-19 Name Calibrated by: Jeton Kastrati Laboratory Technician Approved by: Katja Pokovic Technical Manager Issued: December 13, 2018 This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: D2450V2-715_Dec18

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Calibration Laboratory of

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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL tissue simulating liquid

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
- 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%.

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Measurement Conditions

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

DASY Version	DASY5	V52.10.2
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

5396	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	37.8 ± 6 %	1.86 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	13.3 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	51.9 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ² (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.15 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.3 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	51.0 ± 6 %	2.03 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		****

SAR result with Body TSL

SAR averaged over 1 cm3 (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	12.9 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	50.2 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm3 (10 g) of Body TSL	condition	
SAR measured	250 mW input power	6.00 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	23.6 W/kg ± 16.5 % (k=2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	$54.5 \Omega + 1.4 j\Omega$	
Return Loss	- 26.9 dB	

Antenna Parameters with Body TSL

Impedance, transformed to feed point	49.9 Ω + 3.1 jΩ	
Return Loss	- 30.3 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.158 ns

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	July 05, 2002

Certificate No: D2450V2-715_Dec18

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DASY5 Validation Report for Head TSL

Date: 11.12.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:715

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

Medium parameters used: f = 2450 MHz; $\sigma = 1.86 \text{ S/m}$; $\epsilon_r = 37.8$; $\rho = 1000 \text{ kg/m}^3$

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) @ 2450 MHz; Calibrated: 30.12.2017
- · Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 04.10.2018
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

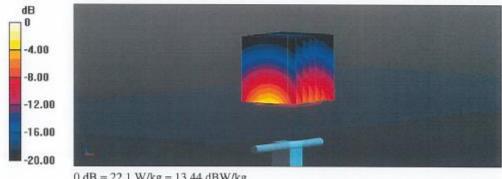
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.2 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.15 W/kg

Maximum value of SAR (measured) = 22.1 W/kg



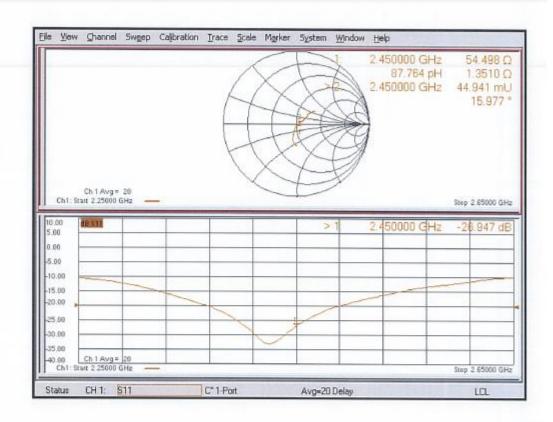
0 dB = 22.1 W/kg = 13.44 dBW/kg

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Impedance Measurement Plot for Head TSL



Certificate No: D2450V2-715_Dec18

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DASY5 Validation Report for Body TSL

Date: 11.12.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:715

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

Medium parameters used: f = 2450 MHz; $\sigma = 2.03 \text{ S/m}$; $\epsilon_r = 51$; $\rho = 1000 \text{ kg/m}^3$

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) @ 2450 MHz; Calibrated: 30.12.2017
- · Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 04.10.2018
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

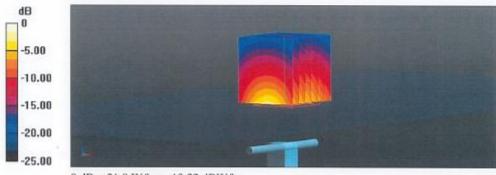
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 107.6 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 25.7 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6 W/kg

Maximum value of SAR (measured) = 21.0 W/kg



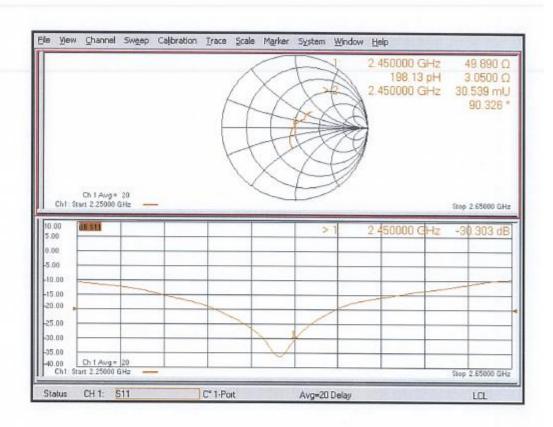
0 dB = 21.0 W/kg = 13.22 dBW/kg

Certificate No: D2450V2-715_Dec18

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Impedance Measurement Plot for Body TSL



Certificate No: D2450V2-715_Dec18

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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**

Accreditation No.: SCS 0108

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

TÜV SÜD UK

Certificate No: D835V2-447_Dec18

ALIBRATION CI	ERTIFICATE		
Object	D835V2 - SN:447	7	
Calibration procedure(s)	QA CAL-05.v10		
	Calibration proce	dure for dipole validation kits al	bove 700 MHz
Calibration date:	December 11, 20	018	
This salibration and finals down	ste the transchillture	ional atandarda which realizable	units of managements (CI)
		ional standards, which realize the physical robability are given on the following pages	
The measurements and the uncertain	ainties with confidence p	robability are given on the following pages	and are part of the certificate.
All calibrations have been conducted	ad in the closed laborate	ny facility: any ironmont tomporature (00 - 0	N°C and humidity = 70%
All calibrations have been conducte	su in the closed laborato	ry facility: environment temperature (22 ± 3) C and numbers / 10%.
Calibration Equipment used (M&TE	critical for calibration)		
/////////////////////////////////			
Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
	The second secon		
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Type-N mismatch combination Reference Probe EX3DV4	SN: 5047.2 / 06327 SN: 7349		the state of the s
Reference Probe EX3DV4	A STATE OF THE STA	04-Apr-18 (No. 217-02683) 30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18)	Apr-19 Dec-18 Oct-19
Reference Probe EX3DV4 DAE4	SN: 7349 SN: 601	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18)	Dec-18 Oct-19
Reference Probe EX3DV4 DAE4 Secondary Standards	SN: 7349 SN: 601	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house)	Dec-18 Oct-19 Scheduled Check
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A	SN: 7349 SN: 601 ID # SN: GB37480704	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20 In house check: Oct-20
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317 SN: 100972	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317 SN: 100972	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317 SN: 100972 SN: US41080477	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18) 31-Mar-14 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-19
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317 SN: 100972 SN: US41080477	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18) 31-Mar-14 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-19
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317 SN: 100972 SN: US41080477 Name Michael Weber	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18) 31-Mar-14 (in house check Oct-18) Function Laboratory Technician	Dec-18 Oct-19 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-19
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317 SN: 100972 SN: US41080477	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18) 31-Mar-14 (in house check Oct-18)	Dec-18 Oct-19 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-19
Reference Probe EX3DV4 DAE4 Secondary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	SN: 7349 SN: 601 ID # SN: GB37480704 SN: US37292783 SN: MY41092317 SN: 100972 SN: US41080477 Name Michael Weber	30-Dec-17 (No. EX3-7349_Dec17) 04-Oct-18 (No. DAE4-601_Oct18) Check Date (in house) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18) 31-Mar-14 (in house check Oct-18) Function Laboratory Technician	Dec-18 Oct-19 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-19

Certificate No: D835V2-447_Dec18

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Calibration Laboratory of

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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL tissue simulating liquid
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
- 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%.

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Measurement Conditions

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

DASY Version	DASY5	V52.10.2
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy , $dz = 5 mm$	
Frequency	835 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.5	0.90 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	41.5 ± 6 %	0.91 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	2.40 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	9.52 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.55 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	6.16 W/kg ± 16.5 % (k=2)

Body TSL parameters The following parameters

The following parameters and calculations were applied

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	55.2	0.97 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	55.0 ± 6 %	0.99 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	2.46 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	9.68 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	1.61 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	6.36 W/kg ± 16.5 % (k=2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.6 Ω - 5.3 jΩ	
Return Loss	- 25.5 dB	

Antenna Parameters with Body TSL

Impedance, transformed to feed point	45.3 Ω - 9.0 jΩ	
Return Loss	- 19.5 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.387 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 24, 2001	

Certificate No: D835V2-447_Dec18

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DASY5 Validation Report for Head TSL

Date: 10.12.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:447

Communication System: UID 0 - CW; Frequency: 835 MHz

Medium parameters used: f = 835 MHz; $\sigma = 0.91$ S/m; $\varepsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

Probe: EX3DV4 - SN7349; ConvF(9.9, 9.9, 9.9) @ 835 MHz; Calibrated: 30.12.2017

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn601; Calibrated: 04.10.2018

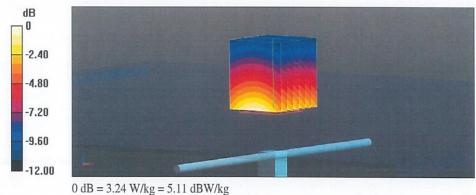
Phantom: Flat Phantom 4.9 (front); Type: QD 00L P49 AA; Serial: 1001

DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 62.90 V/m; Power Drift = -0.03 dB Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.55 W/kgMaximum value of SAR (measured) = 3.24 W/kg



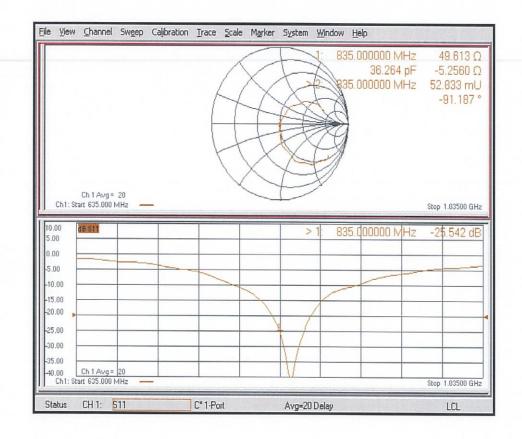
0 db = 5.24 W/kg = 5.11 db W/kg

Certificate No: D835V2-447_Dec18

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Impedance Measurement Plot for Head TSL



Certificate No: D835V2-447_Dec18

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DASY5 Validation Report for Body TSL

Date: 11.12.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:447

Communication System: UID 0 - CW; Frequency: 835 MHz

Medium parameters used: f = 835 MHz; $\sigma = 0.99$ S/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(10.05, 10.05, 10.05) @ 835 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 04.10.2018
- Phantom: Flat Phantom 4.9 (Back); Type: QD 00R P49 AA; Serial: 1005
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

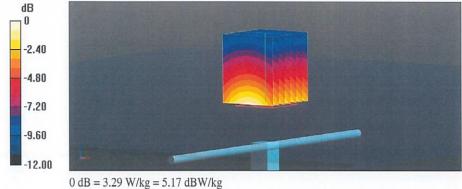
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.28 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.61 W/kg

Maximum value of SAR (measured) = 3.29 W/kg

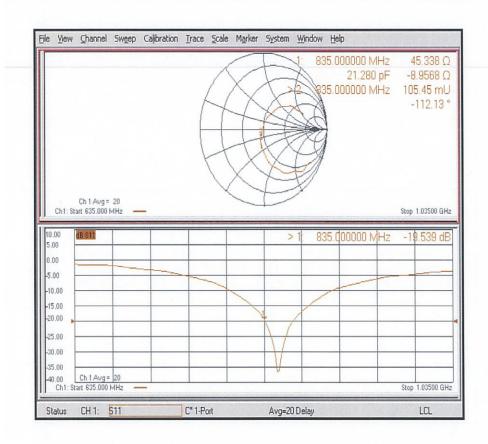


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Impedance Measurement Plot for Body TSL



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