

SAR TEST REPORT



The following samples were submitted and identified on behalf of the client as:

Equipment Under Test Notebook Computer
Brand Name acer
Model No. N18P6
Company Name Acer Incorporated
Company Address 8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 22181, Taiwan (R.O.C)
Standards IEEE/ANSI C95.1-1992, IEEE 1528-2013, KDB616217D04v01r02, KDB865664D01v01r04, KDB865664D02v01r02, KDB941225D01v03r01, KDB941225D05v02r05, KDB447498D01v06
FCC ID HLZN18P6
Date of Receipt Nov. 29, 2019
Date of Test(s) Dec. 13, 2019 ~ Dec. 27, 2019
Date of Issue Jan. 08, 2020

In the configuration tested, the EUT complied with the standards specified above.

Remarks:

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS Taiwan Electronic & Communication Laboratory or testing done by SGS Taiwan Electronic & Communication Laboratory in connection with distribution or use of the product described in this report must be approved by SGS Taiwan Electronic & Communication Laboratory in writing.

Signed on behalf of SGS

Clerk / Ruby Ou	Engineer / Bond Tsai	Asst. Manager / John Yeh
Ruby Ou	Bond Tsai	John Yeh

Date: Jan. 08, 2020

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Revision History

Revision	Description	Issue Date
Rev.00	Initial creation of document	Jan. 08, 2020

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Contents

1. General Information	4
1.1 Testing Laboratory	4
1.2 Details of Applicant.....	4
1.3 Description of EUT	5
1.4 Test Environment	219
1.5 Operation Description	219
1.6 Proximity sensor operation description	224
1.7 The SAR Measurement System.....	234
1.8 System Components.....	236
1.9 SAR System Verification	238
1.10 Tissue Simulant Fluid for the Frequency Band	240
1.11 Evaluation Procedures	243
1.12 Probe Calibration Procedures	244
1.13 Test Standards and Limits	247
2. Summary of Results	249
2.1 Decision rules.....	249
2.2 Summary of Results	249
2.3 Reporting statements of conformity	257
3. Instruments List	258
4. Measurements	259
5.SAR System Performance Verification	293
6. Uncertainty Budget.....	300
Appendixes.....	301
E52019B0009 SAR_Appendix A Photographs.....	301
E52019B0009 SAR_Appendix B DAE & Probe Cal. Certificate.....	301
E52019B0009 SAR_Appendix C Phantom Description & Dipole Cal. Certificate	301

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1. General Information

1.1 Testing Laboratory

SGS Taiwan Ltd. Electronics & Communication Laboratory	
No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 33383, Taiwan	
Tel	+886-2-2299-3279
Fax	+886-2-2298-0488
Internet	http://www.tw.sgs.com/

1.2 Details of Applicant


Company Name	Acer Incorporated
Company Address	8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 22181, Taiwan (R.O.C)

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1.3 Description of EUT

Equipment Under Test	Notebook Computer		
Brand Name			
Model No.	N18P6		
FCC ID	HLZN18P6		
Mode of Operation	<input checked="" type="checkbox"/> WCDMA <input checked="" type="checkbox"/> HSDPA <input checked="" type="checkbox"/> HSUPA <input checked="" type="checkbox"/> HSPA+ <input checked="" type="checkbox"/> LTE FDD <input checked="" type="checkbox"/> LTE TDD		
Duty Cycle	WCDMA	1	
	LTE FDD	1	
	LTE TDD	0.633	
TX Frequency Range (MHz)	WCDMA Band II	1850	— 1910
	WCDMA Band IV	1710	— 1755
	WCDMA Band V	824	— 849
	LTE FDD Band 2	1850	— 1910
	LTE FDD Band 4	1710	— 1755
	LTE FDD Band 5	824	— 849
	LTE FDD Band 7	2500	— 2570
	LTE FDD Band 12	699	— 716
	LTE FDD Band 13	777	— 787
	LTE FDD Band 14	788	— 798
	LTE FDD Band 25	1850	— 1915
	LTE FDD Band 26	814	— 849
	LTE TDD Band 38	2570	— 2620
	LTE TDD Band 41	2496	— 2690
	LTE FDD Band 66	1710	— 1780

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Channel Number (ARFCN)	WCDMA Band II	9262	—	9538
	WCDMA Band IV	1312	—	1513
	WCDMA Band V	4132	—	4233
	LTE FDD Band 2	18607	—	19193
	LTE FDD Band 4	19957	—	20393
	LTE FDD Band 5	20407	—	20643
	LTE FDD Band 7	20775	—	21425
	LTE FDD Band 12	23017	—	23173
	LTE FDD Band 13	23205	—	23255
	LTE FDD Band 14	23305	—	23355
	LTE FDD Band 25	26047	—	26683
	LTE FDD Band 26	26697	—	27033
	LTE TDD Band 38	37775	—	38225
	LTE TDD Band 41	39675	—	41565
	LTE FDD Band 66	131979	—	132665

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Full power

Max. SAR (1 g) (Unit: W/Kg)				
Band	Measured	Reported	Channel	Position
WCDMA Band II	0.25	0.30	9262	Bottom side
WCDMA Band IV	0.22	0.30	1412	Bottom side
WCDMA Band V	0.66	0.92	4233	Bottom side
LTE FDD Band 2	0.42	0.56	18700	Bottom side
LTE FDD Band 4	0.42	0.60	20300	Bottom side
LTE FDD Band 5	0.21	0.31	20600	Bottom side
LTE FDD Band 7	0.44	0.60	21350	Bottom side
LTE FDD Band 12	0.23	0.31	23130	Bottom side
LTE FDD Band 13	0.29	0.40	23230	Bottom side
LTE FDD Band 14	0.26	0.38	23330	Bottom side
LTE FDD Band 25	0.41	0.54	26140	Bottom side
LTE FDD Band 26	0.88	1.19	26765	Bottom side
LTE TDD Band 38	0.19	0.25	38150	Bottom side
LTE TDD Band 41	0.18	0.22	40185	Bottom side
LTE FDD Band 66	0.43	0.52	132572	Bottom side

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Reduced power

Max. SAR (1 g) (Unit: W/Kg)				
Band	Measured	Reported	Channel	Position
WCDMA Band II	0.94	1.09	9538	Bottom side
WCDMA Band IV	0.98	1.12	1513	Bottom side
LTE FDD Band 2	0.97	1.18	19100	Bottom side
LTE FDD Band 4	0.96	1.11	20300	Bottom side
LTE FDD Band 5	1.05	1.11	20600	Bottom side
LTE FDD Band 7	0.94	1.08	21350	Bottom side
LTE FDD Band 12	0.82	0.97	23095	Bottom side
LTE FDD Band 13	0.84	0.87	23230	Bottom side
LTE FDD Band 14	0.83	0.84	23330	Bottom side
LTE FDD Band 25	0.94	1.12	26365	Bottom side
LTE TDD Band 38	0.92	1.03	37850	Bottom side
LTE TDD Band 41	1.01	1.09	40185	Bottom side
LTE FDD Band 66	1.02	1.14	132572	Bottom side

Antenna information

Vendor	WNC				
Antenna	PIFA				
Part Number	81EABA15.G91				
Frequency(MHz)	750	835	1750	1900	2600
Gain (dBi)	0.50	2.23	3.72	3.63	2.79

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WCDMA Band II / Band IV / Band V - HSDPA / HSUPA / HSPA+ conducted power table (Full power):

Unit: dBm

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1850.2	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.00		
3GPP Rel 99	RMC 12.2Kbps	23.27	22.72	22.53
3GPP Rel 5	HSDPA Subtest-1	22.23	21.69	21.62
	HSDPA Subtest-2	21.83	21.66	21.57
	HSDPA Subtest-3	21.74	21.28	21.11
	HSDPA Subtest-4	21.73	21.25	21.06
3GPP Rel 6	HSUPA Subtest-1	22.09	21.68	21.56
	HSUPA Subtest-2	20.11	20.10	20.03
	HSUPA Subtest-3	21.16	21.17	21.12
	HSUPA Subtest-4	20.14	20.15	20.11
	HSUPA Subtest-5	21.83	21.76	21.84
3GPP Rel 7	HSPA+ Subtest-1	21.69	21.77	21.66

Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.00		
3GPP Rel 99	RMC 12.2Kbps	22.65	22.70	22.52
3GPP Rel 5	HSDPA Subtest-1	21.76	21.73	21.46
	HSDPA Subtest-2	21.69	21.71	21.39
	HSDPA Subtest-3	21.22	21.19	20.98
	HSDPA Subtest-4	21.40	21.36	20.88
3GPP Rel 6	HSUPA Subtest-1	21.68	21.70	21.39
	HSUPA Subtest-2	20.20	20.24	20.44
	HSUPA Subtest-3	21.17	21.13	21.29
	HSUPA Subtest-4	20.34	21.01	21.08
	HSUPA Subtest-5	21.72	21.74	21.46
3GPP Rel 7	HSPA+ Subtest-1	21.71	21.75	21.40

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Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.00		
3GPP Rel 99	RMC 12.2Kbps	22.53	22.52	22.56
3GPP Rel 5	HSDPA Subtest-1	21.59	21.44	21.57
	HSDPA Subtest-2	21.13	21.17	21.15
	HSDPA Subtest-3	21.02	20.88	21.03
	HSDPA Subtest-4	21.00	20.86	21.00
3GPP Rel 6	HSUPA Subtest-1	21.56	21.39	21.54
	HSUPA Subtest-2	21.05	20.89	21.07
	HSUPA Subtest-3	21.34	21.26	21.28
	HSUPA Subtest-4	21.03	21.09	21.01
	HSUPA Subtest-5	21.54	21.43	21.60
3GPP Rel 7	HSPA+ Subtest-1	21.57	21.46	21.59

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WCDMA Band II / Band IV - HSDPA / HSUPA / HSPA+

conducted power table(Reduced power):

Unit: dBm

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1850.2	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		20.00		
3GPP Rel 99	RMC 12.2Kbps	19.16	19.24	19.35
3GPP Rel 5	HSDPA Subtest-1	18.63	18.43	18.45
	HSDPA Subtest-2	18.17	18.04	17.97
	HSDPA Subtest-3	18.13	18.01	18.07
	HSDPA Subtest-4	18.21	18.07	18.09
3GPP Rel 6	HSUPA Subtest-1	18.57	18.49	18.47
	HSUPA Subtest-2	16.60	16.31	16.58
	HSUPA Subtest-3	17.62	17.45	17.49
	HSUPA Subtest-4	16.64	16.56	16.45
	HSUPA Subtest-5	18.70	18.46	18.48
3GPP Rel 7	HSPA+ Subtest-1	18.53	18.43	18.46

Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		21.00		
3GPP Rel 99	RMC 12.2Kbps	20.63	20.42	20.45
3GPP Rel 5	HSDPA Subtest-1	19.65	19.41	19.51
	HSDPA Subtest-2	19.15	18.98	19.05
	HSDPA Subtest-3	19.30	18.91	19.08
	HSDPA Subtest-4	19.29	18.95	18.96
3GPP Rel 6	HSUPA Subtest-1	19.58	19.52	19.42
	HSUPA Subtest-2	17.68	17.32	17.44
	HSUPA Subtest-3	18.74	18.29	18.45
	HSUPA Subtest-4	17.64	17.33	17.56
	HSUPA Subtest-5	19.70	19.38	19.50
3GPP Rel 7	HSPA+ Subtest-1	19.77	19.48	19.56

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Sub-Test for HSDPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note 1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15	15/15	64	12/15	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Sub-Test for HSUPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note 1)	β_{ec}	β_{ed} (Note 5) (Note 6)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 6)	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1} : 47/15 β_{ed2} : 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	15/15	64	15/15	30/15	24/15	134/15	4	1	1.0	0.0	21	81

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LTE FDD Band 2 / Band 4 / Band 5 / Band 7 / Band 12 / Band 13 / Band 14 / Band 25 / Band 26 / Band 66 power table (Full power):

FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	18700	23.23	24.5	0
				1880	18900	22.99	24.5	0
				1900	19100	22.95	24.5	0
			50	1860	18700	22.97	24.5	0
				1880	18900	22.63	24.5	0
				1900	19100	22.66	24.5	0
			99	1860	18700	22.68	24.5	0
				1880	18900	22.67	24.5	0
				1900	19100	22.64	24.5	0
		50 RB	0	1860	18700	22.26	23.5	0-1
				1880	18900	21.83	23.5	0-1
				1900	19100	21.86	23.5	0-1
			25	1860	18700	22.06	23.5	0-1
				1880	18900	21.72	23.5	0-1
				1900	19100	21.76	23.5	0-1
			50	1860	18700	21.89	23.5	0-1
				1880	18900	21.66	23.5	0-1
				1900	19100	21.69	23.5	0-1
		100RB	1860	18700	22.07	23.5	0-1	
			1880	18900	21.75	23.5	0-1	
			1900	19100	21.80	23.5	0-1	
	16-QAM	1 RB	0	1860	18700	22.76	23.5	0-1
				1880	18900	22.28	23.5	0-1
				1900	19100	22.27	23.5	0-1
			50	1860	18700	22.33	23.5	0-1
				1880	18900	21.93	23.5	0-1
				1900	19100	21.90	23.5	0-1
			99	1860	18700	22.00	23.5	0-1
				1880	18900	21.77	23.5	0-1
				1900	19100	22.00	23.5	0-1
		50 RB	0	1860	18700	21.38	22.5	0-2
				1880	18900	20.92	22.5	0-2
				1900	19100	20.95	22.5	0-2
			25	1860	18700	21.16	22.5	0-2
				1880	18900	20.82	22.5	0-2
				1900	19100	20.85	22.5	0-2
			50	1860	18700	20.98	22.5	0-2
				1880	18900	20.76	22.5	0-2
				1900	19100	20.78	22.5	0-2
		100RB	1860	18700	21.17	22.5	0-2	
			1880	18900	20.84	22.5	0-2	
			1900	19100	20.88	22.5	0-2	

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1860	18700	22.59	23.5	0-1
				1880	18900	22.11	23.5	0-1
				1900	19100	22.10	23.5	0-1
			50	1860	18700	22.16	23.5	0-1
				1880	18900	21.76	23.5	0-1
				1900	19100	21.73	23.5	0-1
			99	1860	18700	21.83	23.5	0-1
				1880	18900	21.70	23.5	0-1
				1900	19100	21.83	23.5	0-1
		50 RB	0	1860	18700	21.21	22.5	0-2
				1880	18900	20.75	22.5	0-2
				1900	19100	20.78	22.5	0-2
			25	1860	18700	20.99	22.5	0-2
				1880	18900	20.75	22.5	0-2
				1900	19100	20.73	22.5	0-2
			50	1860	18700	20.81	22.5	0-2
				1880	18900	20.79	22.5	0-2
				1900	19100	20.74	22.5	0-2
		100RB		1860	18700	21.00	22.5	0-2
				1880	18900	20.71	22.5	0-2
				1900	19100	20.71	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	18675	23.20	24.5	0
				1880	18900	22.96	24.5	0
				1902.5	19125	22.91	24.5	0
			36	1857.5	18675	23.09	24.5	0
				1880	18900	22.63	24.5	0
				1902.5	19125	22.66	24.5	0
			74	1857.5	18675	22.84	24.5	0
				1880	18900	22.54	24.5	0
				1902.5	19125	22.65	24.5	0
		36 RB	0	1857.5	18675	22.25	23.5	0-1
				1880	18900	21.80	23.5	0-1
				1902.5	19125	21.79	23.5	0-1
			18	1857.5	18675	22.06	23.5	0-1
				1880	18900	21.72	23.5	0-1
				1902.5	19125	21.74	23.5	0-1
			37	1857.5	18675	21.96	23.5	0-1
				1880	18900	21.66	23.5	0-1
				1902.5	19125	21.67	23.5	0-1
		75RB		1857.5	18675	22.06	23.5	0-1
				1880	18900	21.73	23.5	0-1
				1902.5	19125	21.74	23.5	0-1
	16-QAM	1 RB	0	1857.5	18675	22.72	23.5	0-1
				1880	18900	22.26	23.5	0-1
				1902.5	19125	22.23	23.5	0-1
			36	1857.5	18675	22.42	23.5	0-1
				1880	18900	21.95	23.5	0-1
				1902.5	19125	21.96	23.5	0-1
			74	1857.5	18675	22.17	23.5	0-1
				1880	18900	21.86	23.5	0-1
				1902.5	19125	22.03	23.5	0-1
		36 RB	0	1857.5	18675	21.33	22.5	0-2
				1880	18900	20.88	22.5	0-2
				1902.5	19125	20.87	22.5	0-2
			18	1857.5	18675	21.13	22.5	0-2
				1880	18900	20.80	22.5	0-2
				1902.5	19125	20.82	22.5	0-2
			37	1857.5	18675	21.07	22.5	0-2
				1880	18900	20.76	22.5	0-2
				1902.5	19125	20.78	22.5	0-2
		75RB		1857.5	18675	21.13	22.5	0-2
				1880	18900	20.81	22.5	0-2
				1902.5	19125	20.84	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1857.5	18675	22.58	23.5	0-1
				1880	18900	22.12	23.5	0-1
				1902.5	19125	22.09	23.5	0-1
			36	1857.5	18675	22.28	23.5	0-1
				1880	18900	21.81	23.5	0-1
				1902.5	19125	21.82	23.5	0-1
			74	1857.5	18675	22.03	23.5	0-1
				1880	18900	21.72	23.5	0-1
				1902.5	19125	21.89	23.5	0-1
		36 RB	0	1857.5	18675	21.19	22.5	0-2
				1880	18900	20.74	22.5	0-2
				1902.5	19125	20.73	22.5	0-2
			18	1857.5	18675	20.99	22.5	0-2
				1880	18900	20.72	22.5	0-2
				1902.5	19125	20.78	22.5	0-2
			37	1857.5	18675	20.93	22.5	0-2
				1880	18900	20.71	22.5	0-2
				1902.5	19125	20.74	22.5	0-2
		75RB		1857.5	18675	20.99	22.5	0-2
				1880	18900	20.77	22.5	0-2
				1902.5	19125	20.70	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	18650	23.09	24.5	0
				1880	18900	22.75	24.5	0
				1905	19150	22.79	24.5	0
			25	1855	18650	23.07	24.5	0
				1880	18900	22.63	24.5	0
				1905	19150	22.60	24.5	0
			49	1855	18650	22.93	24.5	0
				1880	18900	22.50	24.5	0
				1905	19150	22.61	24.5	0
		25 RB	0	1855	18650	22.20	23.5	0-1
				1880	18900	21.74	23.5	0-1
				1905	19150	21.73	23.5	0-1
			12	1855	18650	22.18	23.5	0-1
				1880	18900	21.72	23.5	0-1
				1905	19150	21.71	23.5	0-1
			25	1855	18650	21.98	23.5	0-1
				1880	18900	21.64	23.5	0-1
				1905	19150	21.65	23.5	0-1
		50RB		1855	18650	22.16	23.5	0-1
				1880	18900	21.70	23.5	0-1
				1905	19150	21.71	23.5	0-1
	16-QAM	1 RB	0	1855	18650	22.61	23.5	0-1
				1880	18900	22.05	23.5	0-1
				1905	19150	22.11	23.5	0-1
			25	1855	18650	22.38	23.5	0-1
				1880	18900	21.95	23.5	0-1
				1905	19150	21.98	23.5	0-1
			49	1855	18650	22.30	23.5	0-1
				1880	18900	21.83	23.5	0-1
				1905	19150	21.96	23.5	0-1
		25 RB	0	1855	18650	21.30	22.5	0-2
				1880	18900	20.86	22.5	0-2
				1905	19150	20.80	22.5	0-2
			12	1855	18650	21.27	22.5	0-2
				1880	18900	20.80	22.5	0-2
				1905	19150	20.77	22.5	0-2
			25	1855	18650	21.10	22.5	0-2
				1880	18900	20.76	22.5	0-2
				1905	19150	20.77	22.5	0-2
		50RB		1855	18650	21.25	22.5	0-2
				1880	18900	20.82	22.5	0-2
				1905	19150	20.80	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1855	18650	22.49	23.5	0-1
				1880	18900	21.93	23.5	0-1
				1905	19150	21.99	23.5	0-1
			25	1855	18650	22.26	23.5	0-1
				1880	18900	21.83	23.5	0-1
				1905	19150	21.86	23.5	0-1
			49	1855	18650	22.18	23.5	0-1
				1880	18900	21.71	23.5	0-1
				1905	19150	21.84	23.5	0-1
		25 RB	0	1855	18650	21.18	22.5	0-2
				1880	18900	20.74	22.5	0-2
				1905	19150	20.68	22.5	0-2
			12	1855	18650	21.15	22.5	0-2
				1880	18900	20.68	22.5	0-2
				1905	19150	20.65	22.5	0-2
			25	1855	18650	20.98	22.5	0-2
				1880	18900	20.64	22.5	0-2
				1905	19150	20.65	22.5	0-2
		50RB		1855	18650	21.13	22.5	0-2
				1880	18900	20.70	22.5	0-2
				1905	19150	20.68	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	18625	23.04	24.5	0
				1880	18900	22.67	24.5	0
				1907.5	19175	22.67	24.5	0
			12	1852.5	18625	23.08	24.5	0
				1880	18900	22.63	24.5	0
				1907.5	19175	22.60	24.5	0
			24	1852.5	18625	23.06	24.5	0
				1880	18900	22.60	24.5	0
				1907.5	19175	22.61	24.5	0
		12 RB	0	1852.5	18625	22.27	23.5	0-1
				1880	18900	21.68	23.5	0-1
				1907.5	19175	21.68	23.5	0-1
			6	1852.5	18625	22.24	23.5	0-1
				1880	18900	21.69	23.5	0-1
				1907.5	19175	21.66	23.5	0-1
			13	1852.5	18625	22.12	23.5	0-1
				1880	18900	21.64	23.5	0-1
				1907.5	19175	21.61	23.5	0-1
		25RB		1852.5	18625	22.10	23.5	0-1
				1880	18900	21.65	23.5	0-1
				1907.5	19175	21.63	23.5	0-1
	16-QAM	1 RB	0	1852.5	18625	22.57	23.5	0-1
				1880	18900	21.96	23.5	0-1
				1907.5	19175	22.02	23.5	0-1
			12	1852.5	18625	22.49	23.5	0-1
				1880	18900	21.93	23.5	0-1
				1907.5	19175	21.96	23.5	0-1
			24	1852.5	18625	22.36	23.5	0-1
				1880	18900	21.91	23.5	0-1
				1907.5	19175	21.96	23.5	0-1
		12 RB	0	1852.5	18625	21.36	22.5	0-2
				1880	18900	20.79	22.5	0-2
				1907.5	19175	20.79	22.5	0-2
			6	1852.5	18625	21.35	22.5	0-2
				1880	18900	20.78	22.5	0-2
				1907.5	19175	20.76	22.5	0-2
			13	1852.5	18625	21.22	22.5	0-2
				1880	18900	20.76	22.5	0-2
				1907.5	19175	20.76	22.5	0-2
		25RB		1852.5	18625	21.23	22.5	0-2
				1880	18900	20.76	22.5	0-2
				1907.5	19175	20.74	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1852.5	18625	22.44	23.5	0-1
				1880	18900	21.83	23.5	0-1
				1907.5	19175	21.89	23.5	0-1
			12	1852.5	18625	22.36	23.5	0-1
				1880	18900	21.80	23.5	0-1
				1907.5	19175	21.83	23.5	0-1
			24	1852.5	18625	22.23	23.5	0-1
				1880	18900	21.78	23.5	0-1
				1907.5	19175	21.83	23.5	0-1
		12 RB	0	1852.5	18625	21.23	22.5	0-2
				1880	18900	20.66	22.5	0-2
				1907.5	19175	20.66	22.5	0-2
			6	1852.5	18625	21.22	22.5	0-2
				1880	18900	20.65	22.5	0-2
				1907.5	19175	20.63	22.5	0-2
			13	1852.5	18625	21.09	22.5	0-2
				1880	18900	20.63	22.5	0-2
				1907.5	19175	20.63	22.5	0-2
		25RB		1852.5	18625	21.10	22.5	0-2
				1880	18900	20.63	22.5	0-2
				1907.5	19175	20.61	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	18615	23.01	24.5	0
				1880	18900	22.65	24.5	0
				1908.5	19185	22.60	24.5	0
			7	1851.5	18615	23.06	24.5	0
				1880	18900	22.72	24.5	0
				1908.5	19185	22.69	24.5	0
			14	1851.5	18615	23.01	24.5	0
				1880	18900	22.59	24.5	0
				1908.5	19185	22.55	24.5	0
		8 RB	0	1851.5	18615	22.24	23.5	0-1
				1880	18900	21.67	23.5	0-1
				1908.5	19185	21.64	23.5	0-1
			4	1851.5	18615	22.25	23.5	0-1
				1880	18900	21.68	23.5	0-1
				1908.5	19185	21.66	23.5	0-1
			7	1851.5	18615	22.21	23.5	0-1
				1880	18900	21.65	23.5	0-1
				1908.5	19185	21.62	23.5	0-1
		15RB		1851.5	18615	22.22	23.5	0-1
				1880	18900	21.64	23.5	0-1
				1908.5	19185	21.63	23.5	0-1
	16-QAM	1 RB	0	1851.5	18615	22.52	23.5	0-1
				1880	18900	21.87	23.5	0-1
				1908.5	19185	21.93	23.5	0-1
			7	1851.5	18615	22.58	23.5	0-1
				1880	18900	22.02	23.5	0-1
				1908.5	19185	22.04	23.5	0-1
			14	1851.5	18615	22.45	23.5	0-1
				1880	18900	21.91	23.5	0-1
				1908.5	19185	21.91	23.5	0-1
		8 RB	0	1851.5	18615	21.35	22.5	0-2
				1880	18900	20.80	22.5	0-2
				1908.5	19185	20.76	22.5	0-2
			4	1851.5	18615	21.36	22.5	0-2
				1880	18900	20.81	22.5	0-2
				1908.5	19185	20.78	22.5	0-2
			7	1851.5	18615	21.32	22.5	0-2
				1880	18900	20.78	22.5	0-2
				1908.5	19185	20.77	22.5	0-2
		15RB		1851.5	18615	21.31	22.5	0-2
				1880	18900	20.75	22.5	0-2
				1908.5	19185	20.73	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	18615	22.37	23.5	0-1
				1880	18900	21.72	23.5	0-1
				1908.5	19185	21.78	23.5	0-1
			7	1851.5	18615	22.43	23.5	0-1
				1880	18900	21.87	23.5	0-1
				1908.5	19185	21.89	23.5	0-1
			14	1851.5	18615	22.30	23.5	0-1
				1880	18900	21.76	23.5	0-1
				1908.5	19185	21.76	23.5	0-1
		8 RB	0	1851.5	18615	21.20	22.5	0-2
				1880	18900	20.65	22.5	0-2
				1908.5	19185	20.61	22.5	0-2
			4	1851.5	18615	21.21	22.5	0-2
				1880	18900	20.66	22.5	0-2
				1908.5	19185	20.63	22.5	0-2
			7	1851.5	18615	21.17	22.5	0-2
				1880	18900	20.63	22.5	0-2
				1908.5	19185	20.62	22.5	0-2
		15RB		1851.5	18615	21.16	22.5	0-2
				1880	18900	20.60	22.5	0-2
				1908.5	19185	20.58	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	18607	22.92	24.5	0
				1880	18900	22.55	24.5	0
				1909.3	19193	22.50	24.5	0
			2	1850.7	18607	23.07	24.5	0
				1880	18900	22.60	24.5	0
				1909.3	19193	22.57	24.5	0
			5	1850.7	18607	23.10	24.5	0
				1880	18900	22.55	24.5	0
				1909.3	19193	22.52	24.5	0
		3 RB	0	1850.7	18607	22.67	24.5	0
				1880	18900	22.56	24.5	0
				1909.3	19193	22.55	24.5	0
			2	1850.7	18607	22.87	24.5	0
				1880	18900	22.62	24.5	0
				1909.3	19193	22.58	24.5	0
			3	1850.7	18607	22.82	24.5	0
				1880	18900	22.58	24.5	0
				1909.3	19193	22.54	24.5	0
		6RB		1850.7	18607	22.16	23.5	0-1
				1880	18900	21.58	23.5	0-1
				1909.3	19193	21.53	23.5	0-1
	16-QAM	1 RB	0	1850.7	18607	22.43	23.5	0-1
				1880	18900	21.80	23.5	0-1
				1909.3	19193	21.83	23.5	0-1
			2	1850.7	18607	22.49	23.5	0-1
				1880	18900	21.87	23.5	0-1
				1909.3	19193	21.91	23.5	0-1
			5	1850.7	18607	22.40	23.5	0-1
				1880	18900	21.81	23.5	0-1
				1909.3	19193	21.84	23.5	0-1
		3 RB	0	1850.7	18607	22.26	23.5	0-1
				1880	18900	21.63	23.5	0-1
				1909.3	19193	21.66	23.5	0-1
			2	1850.7	18607	22.29	23.5	0-1
				1880	18900	21.70	23.5	0-1
				1909.3	19193	21.68	23.5	0-1
			3	1850.7	18607	22.23	23.5	0-1
				1880	18900	21.65	23.5	0-1
				1909.3	19193	21.65	23.5	0-1
		6RB		1850.7	18607	21.30	22.5	0-2
				1880	18900	20.74	22.5	0-2
				1909.3	19193	20.72	22.5	0-2

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	18607	22.31	23.5	0-1
				1880	18900	21.68	23.5	0-1
				1909.3	19193	21.71	23.5	0-1
			2	1850.7	18607	22.37	23.5	0-1
				1880	18900	21.75	23.5	0-1
				1909.3	19193	21.79	23.5	0-1
			5	1850.7	18607	22.28	23.5	0-1
				1880	18900	21.69	23.5	0-1
				1909.3	19193	21.72	23.5	0-1
		3 RB	0	1850.7	18607	22.14	23.5	0-1
				1880	18900	21.51	23.5	0-1
				1909.3	19193	21.54	23.5	0-1
			2	1850.7	18607	22.17	23.5	0-1
				1880	18900	21.58	23.5	0-1
				1909.3	19193	21.56	23.5	0-1
			3	1850.7	18607	22.11	23.5	0-1
				1880	18900	21.53	23.5	0-1
				1909.3	19193	21.53	23.5	0-1
		6RB		1850.7	18607	21.18	22.5	0-2
				1880	18900	20.62	22.5	0-2
				1909.3	19193	20.60	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	20050	22.89	25	0
				1732.5	20175	22.86	24.5	0
				1745	20300	23.01	24.5	0
			50	1720	20050	22.74	24.5	0
				1732.5	20175	22.65	24.5	0
				1745	20300	22.66	24.5	0
			99	1720	20050	22.80	24.5	0
				1732.5	20175	22.64	24.5	0
				1745	20300	22.63	24.5	0
		50 RB	0	1720	20050	21.92	23.5	0-1
				1732.5	20175	21.88	23.5	0-1
				1745	20300	21.84	23.5	0-1
			25	1720	20050	21.81	23.5	0-1
				1732.5	20175	21.78	23.5	0-1
				1745	20300	21.75	23.5	0-1
			50	1720	20050	21.83	23.5	0-1
				1732.5	20175	21.69	23.5	0-1
				1745	20300	21.70	23.5	0-1
		100RB		1720	20050	21.84	23.5	0-1
				1732.5	20175	21.79	23.5	0-1
				1745	20300	21.78	23.5	0-1
	16-QAM	1 RB	0	1720	20050	22.20	23.5	0-1
				1732.5	20175	22.24	23.5	0-1
				1745	20300	22.31	23.5	0-1
			50	1720	20050	22.11	23.5	0-1
				1732.5	20175	21.96	23.5	0-1
				1745	20300	21.97	23.5	0-1
			99	1720	20050	22.10	23.5	0-1
				1732.5	20175	21.93	23.5	0-1
				1745	20300	21.96	23.5	0-1
		50 RB	0	1720	20050	21.03	22.5	0-2
				1732.5	20175	20.95	22.5	0-2
				1745	20300	20.94	22.5	0-2
			25	1720	20050	20.91	22.5	0-2
				1732.5	20175	20.85	22.5	0-2
				1745	20300	20.84	22.5	0-2
			50	1720	20050	20.94	22.5	0-2
				1732.5	20175	20.78	22.5	0-2
				1745	20300	20.78	22.5	0-2
		100RB		1720	20050	20.90	22.5	0-2
				1732.5	20175	20.85	22.5	0-2
				1745	20300	20.84	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1720	20050	22.08	23.5	0-1
				1732.5	20175	22.12	23.5	0-1
				1745	20300	22.19	23.5	0-1
			50	1720	20050	21.99	23.5	0-1
				1732.5	20175	21.84	23.5	0-1
				1745	20300	21.85	23.5	0-1
			99	1720	20050	21.98	23.5	0-1
				1732.5	20175	21.81	23.5	0-1
				1745	20300	21.84	23.5	0-1
		50 RB	0	1720	20050	20.91	22.5	0-2
				1732.5	20175	20.83	22.5	0-2
				1745	20300	20.82	22.5	0-2
			25	1720	20050	20.79	22.5	0-2
				1732.5	20175	20.74	22.5	0-2
				1745	20300	20.77	22.5	0-2
			50	1720	20050	20.80	22.5	0-2
				1732.5	20175	20.71	22.5	0-2
				1745	20300	20.76	22.5	0-2
		100RB		1720	20050	20.78	22.5	0-2
				1732.5	20175	20.73	22.5	0-2
				1745	20300	20.72	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	20025	22.87	24.5	0
				1732.5	20175	22.97	24.5	0
				1747.5	20325	22.95	24.5	0
			36	1717.5	20025	22.75	24.5	0
				1732.5	20175	22.71	24.5	0
				1747.5	20325	22.67	24.5	0
			74	1717.5	20025	22.76	24.5	0
				1732.5	20175	22.71	24.5	0
				1747.5	20325	22.68	24.5	0
		36 RB	0	1717.5	20025	21.89	23.5	0-1
				1732.5	20175	21.84	23.5	0-1
				1747.5	20325	21.80	23.5	0-1
			18	1717.5	20025	21.79	23.5	0-1
				1732.5	20175	21.76	23.5	0-1
				1747.5	20325	21.78	23.5	0-1
			37	1717.5	20025	21.75	23.5	0-1
				1732.5	20175	21.68	23.5	0-1
				1747.5	20325	21.66	23.5	0-1
		75RB		1717.5	20025	21.82	23.5	0-1
				1732.5	20175	21.78	23.5	0-1
				1747.5	20325	21.75	23.5	0-1
	16-QAM	1 RB	0	1717.5	20025	22.16	23.5	0-1
				1732.5	20175	22.32	23.5	0-1
				1747.5	20325	22.29	23.5	0-1
			36	1717.5	20025	22.11	23.5	0-1
				1732.5	20175	22.01	23.5	0-1
				1747.5	20325	21.97	23.5	0-1
			74	1717.5	20025	22.08	23.5	0-1
				1732.5	20175	22.02	23.5	0-1
				1747.5	20325	21.96	23.5	0-1
		36 RB	0	1717.5	20025	20.98	22.5	0-2
				1732.5	20175	20.92	22.5	0-2
				1747.5	20325	20.88	22.5	0-2
			18	1717.5	20025	20.90	22.5	0-2
				1732.5	20175	20.85	22.5	0-2
				1747.5	20325	20.83	22.5	0-2
			37	1717.5	20025	20.83	22.5	0-2
				1732.5	20175	20.79	22.5	0-2
				1747.5	20325	20.77	22.5	0-2
		75RB		1717.5	20025	20.90	22.5	0-2
				1732.5	20175	20.81	22.5	0-2
				1747.5	20325	20.84	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1717.5	22.51	22.03	23.5	0-1
				1732.5	22.58	22.19	23.5	0-1
				1747.5	22.77	22.16	23.5	0-1
			36	1717.5	22.12	21.98	23.5	0-1
				1732.5	22.7	21.88	23.5	0-1
				1747.5	22.44	21.84	23.5	0-1
			74	1717.5	22.42	21.95	23.5	0-1
				1732.5	22.7	21.89	23.5	0-1
				1747.5	22.73	21.83	23.5	0-1
		36 RB	0	1717.5	21.22	20.85	22.5	0-2
				1732.5	21.38	20.79	22.5	0-2
				1747.5	21.52	20.75	22.5	0-2
			18	1717.5	21.24	20.77	22.5	0-2
				1732.5	21.34	20.72	22.5	0-2
				1747.5	21.41	20.70	22.5	0-2
			37	1717.5	21.25	20.70	22.5	0-2
				1732.5	21.29	20.66	22.5	0-2
				1747.5	21.46	20.64	22.5	0-2
		75RB		1717.5	21.22	20.77	22.5	0-2
				1732.5	21.35	20.68	22.5	0-2
				1747.5	21.43	20.71	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	20000	22.74	24.5	0
				1732.5	20175	22.85	24.5	0
				1750	20350	22.80	24.5	0
			25	1715	20000	22.60	24.5	0
				1732.5	20175	22.69	24.5	0
				1750	20350	22.66	24.5	0
			49	1715	20000	22.72	24.5	0
				1732.5	20175	22.65	24.5	0
				1750	20350	22.62	24.5	0
		25 RB	0	1715	20000	21.71	23.5	0-1
				1732.5	20175	21.80	23.5	0-1
				1750	20350	21.75	23.5	0-1
			12	1715	20000	21.80	23.5	0-1
				1732.5	20175	21.72	23.5	0-1
				1750	20350	21.71	23.5	0-1
			25	1715	20000	21.76	23.5	0-1
				1732.5	20175	21.71	23.5	0-1
				1750	20350	21.64	23.5	0-1
		50RB		1715	20000	21.79	23.5	0-1
				1732.5	20175	21.73	23.5	0-1
				1750	20350	21.71	23.5	0-1
	16-QAM	1 RB	0	1715	20000	22.03	23.5	0-1
				1732.5	20175	22.20	23.5	0-1
				1750	20350	22.15	23.5	0-1
			25	1715	20000	21.98	23.5	0-1
				1732.5	20175	21.99	23.5	0-1
				1750	20350	21.96	23.5	0-1
			49	1715	20000	22.05	23.5	0-1
				1732.5	20175	21.94	23.5	0-1
				1750	20350	21.93	23.5	0-1
		25 RB	0	1715	20000	20.82	22.5	0-2
				1732.5	20175	20.89	22.5	0-2
				1750	20350	20.83	22.5	0-2
			12	1715	20000	20.92	22.5	0-2
				1732.5	20175	20.83	22.5	0-2
				1750	20350	20.80	22.5	0-2
			25	1715	20000	20.84	22.5	0-2
				1732.5	20175	20.79	22.5	0-2
				1750	20350	20.78	22.5	0-2
		50RB		1715	20000	20.87	22.5	0-2
				1732.5	20175	20.81	22.5	0-2
				1750	20350	20.86	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	20000	21.87	23.5	0-1
				1732.5	20175	22.04	23.5	0-1
				1750	20350	21.99	23.5	0-1
			25	1715	20000	21.82	23.5	0-1
				1732.5	20175	21.83	23.5	0-1
				1750	20350	21.80	23.5	0-1
			49	1715	20000	21.89	23.5	0-1
				1732.5	20175	21.78	23.5	0-1
				1750	20350	21.77	23.5	0-1
		25 RB	0	1715	20000	20.66	22.5	0-2
				1732.5	20175	20.73	22.5	0-2
				1750	20350	20.67	22.5	0-2
			12	1715	20000	20.76	22.5	0-2
				1732.5	20175	20.65	22.5	0-2
				1750	20350	20.64	22.5	0-2
			25	1715	20000	20.68	22.5	0-2
				1732.5	20175	20.63	22.5	0-2
				1750	20350	20.62	22.5	0-2
		50RB		1715	20000	20.71	22.5	0-2
				1732.5	20175	20.69	22.5	0-2
				1750	20350	20.61	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	19975	22.94	24.5	0
				1732.5	20175	22.89	24.5	0
				1752.5	20375	22.92	24.5	0
			12	1712.5	19975	22.80	24.5	0
				1732.5	20175	22.89	24.5	0
				1752.5	20375	22.86	24.5	0
			24	1712.5	19975	22.92	24.5	0
				1732.5	20175	22.85	24.5	0
				1752.5	20375	22.82	24.5	0
		12 RB	0	1712.5	19975	21.91	23.5	0-1
				1732.5	20175	22.00	23.5	0-1
				1752.5	20375	21.95	23.5	0-1
			6	1712.5	19975	22.00	23.5	0-1
				1732.5	20175	21.92	23.5	0-1
				1752.5	20375	21.91	23.5	0-1
			13	1712.5	19975	21.96	23.5	0-1
				1732.5	20175	21.91	23.5	0-1
				1752.5	20375	21.84	23.5	0-1
		25RB		1712.5	19975	21.99	23.5	0-1
				1732.5	20175	21.93	23.5	0-1
				1752.5	20375	21.91	23.5	0-1
	16-QAM	1 RB	0	1712.5	19975	22.23	23.5	0-1
				1732.5	20175	22.40	23.5	0-1
				1752.5	20375	22.35	23.5	0-1
			12	1712.5	19975	22.18	23.5	0-1
				1732.5	20175	22.19	23.5	0-1
				1752.5	20375	22.16	23.5	0-1
			24	1712.5	19975	22.25	23.5	0-1
				1732.5	20175	22.14	23.5	0-1
				1752.5	20375	22.13	23.5	0-1
		12 RB	0	1712.5	19975	21.02	22.5	0-2
				1732.5	20175	21.09	22.5	0-2
				1752.5	20375	21.03	22.5	0-2
			6	1712.5	19975	21.12	22.5	0-2
				1732.5	20175	21.03	22.5	0-2
				1752.5	20375	21.00	22.5	0-2
			13	1712.5	19975	21.04	22.5	0-2
				1732.5	20175	20.99	22.5	0-2
				1752.5	20375	20.98	22.5	0-2
		25RB		1712.5	19975	21.07	22.5	0-2
				1732.5	20175	21.01	22.5	0-2
				1752.5	20375	21.06	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1712.5	19975	22.07	23.5	0-1
				1732.5	20175	22.24	23.5	0-1
				1752.5	20375	22.19	23.5	0-1
			12	1712.5	19975	22.02	23.5	0-1
				1732.5	20175	22.03	23.5	0-1
				1752.5	20375	22.00	23.5	0-1
			24	1712.5	19975	22.09	23.5	0-1
				1732.5	20175	21.98	23.5	0-1
				1752.5	20375	21.97	23.5	0-1
		12 RB	0	1712.5	19975	20.86	22.5	0-2
				1732.5	20175	20.93	22.5	0-2
				1752.5	20375	20.87	22.5	0-2
			6	1712.5	19975	20.96	22.5	0-2
				1732.5	20175	20.85	22.5	0-2
				1752.5	20375	20.84	22.5	0-2
			13	1712.5	19975	20.88	22.5	0-2
				1732.5	20175	20.83	22.5	0-2
				1752.5	20375	20.82	22.5	0-2
		25RB		1712.5	19975	20.91	22.5	0-2
				1732.5	20175	20.89	22.5	0-2
				1752.5	20375	20.81	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	19965	22.63	24.5	0
				1732.5	20175	22.73	24.5	0
				1753.5	20385	22.67	24.5	0
			7	1711.5	19965	22.71	24.5	0
				1732.5	20175	22.76	24.5	0
				1753.5	20385	22.75	24.5	0
			14	1711.5	19965	22.57	24.5	0
				1732.5	20175	22.64	24.5	0
				1753.5	20385	22.62	24.5	0
		8 RB	0	1711.5	19965	21.66	23.5	0-1
				1732.5	20175	21.69	23.5	0-1
				1753.5	20385	21.66	23.5	0-1
			4	1711.5	19965	21.69	23.5	0-1
				1732.5	20175	21.71	23.5	0-1
				1753.5	20385	21.67	23.5	0-1
			7	1711.5	19965	21.62	23.5	0-1
				1732.5	20175	21.67	23.5	0-1
				1753.5	20385	21.63	23.5	0-1
		15RB		1711.5	19965	21.64	23.5	0-1
				1732.5	20175	21.71	23.5	0-1
				1753.5	20385	21.65	23.5	0-1
	16-QAM	1 RB	0	1711.5	19965	21.90	23.5	0-1
				1732.5	20175	22.05	23.5	0-1
				1753.5	20385	21.96	23.5	0-1
			7	1711.5	19965	22.03	23.5	0-1
				1732.5	20175	22.07	23.5	0-1
				1753.5	20385	22.06	23.5	0-1
			14	1711.5	19965	21.87	23.5	0-1
				1732.5	20175	21.97	23.5	0-1
				1753.5	20385	21.92	23.5	0-1
		8 RB	0	1711.5	19965	20.78	22.5	0-2
				1732.5	20175	20.87	22.5	0-2
				1753.5	20385	20.80	22.5	0-2
			4	1711.5	19965	20.83	22.5	0-2
				1732.5	20175	20.82	22.5	0-2
				1753.5	20385	20.84	22.5	0-2
			7	1711.5	19965	20.85	22.5	0-2
				1732.5	20175	20.81	22.5	0-2
				1753.5	20385	20.76	22.5	0-2
		15RB		1711.5	19965	20.73	22.5	0-2
				1732.5	20175	20.77	22.5	0-2
				1753.5	20385	20.79	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1711.5	19965	21.74	23.5	0-1
				1732.5	20175	21.89	23.5	0-1
				1753.5	20385	21.80	23.5	0-1
			7	1711.5	19965	21.87	23.5	0-1
				1732.5	20175	21.91	23.5	0-1
				1753.5	20385	21.90	23.5	0-1
			14	1711.5	19965	21.71	23.5	0-1
				1732.5	20175	21.81	23.5	0-1
				1753.5	20385	21.76	23.5	0-1
		8 RB	0	1711.5	19965	20.62	22.5	0-2
				1732.5	20175	20.65	22.5	0-2
				1753.5	20385	20.64	22.5	0-2
			4	1711.5	19965	20.67	22.5	0-2
				1732.5	20175	20.66	22.5	0-2
				1753.5	20385	20.59	22.5	0-2
			7	1711.5	19965	20.68	22.5	0-2
				1732.5	20175	20.71	22.5	0-2
				1753.5	20385	20.60	22.5	0-2
		15RB		1711.5	19965	20.57	22.5	0-2
				1732.5	20175	20.61	22.5	0-2
				1753.5	20385	20.63	22.5	0-2

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FDD Band 4									
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	
1.4	QPSK	1 RB	0	1710.7	19957	22.51	24.5	0	
				1732.5	20175	22.63	24.5	0	
				1754.3	20393	22.57	24.5	0	
			2	1710.7	19957	22.58	24.5	0	
				1732.5	20175	22.68	24.5	0	
				1754.3	20393	22.63	24.5	0	
			5	1710.7	19957	22.50	24.5	0	
				1732.5	20175	22.58	24.5	0	
				1754.3	20393	22.56	24.5	0	
		3 RB	0	1710.7	19957	22.55	24.5	0	
				1732.5	20175	22.67	24.5	0	
				1754.3	20393	22.60	24.5	0	
			2	1710.7	19957	22.61	24.5	0	
				1732.5	20175	22.67	24.5	0	
				1754.3	20393	22.65	24.5	0	
			3	1710.7	19957	22.57	24.5	0	
				1732.5	20175	22.66	24.5	0	
				1754.3	20393	22.61	24.5	0	
		6RB			1710.7	19957	21.56	23.5	0-1
					1732.5	20175	21.62	23.5	0-1
					1754.3	20393	21.58	23.5	0-1
	16-QAM	1 RB	0	1710.7	19957	21.81	23.5	0-1	
				1732.5	20175	21.93	23.5	0-1	
				1754.3	20393	21.88	23.5	0-1	
			2	1710.7	19957	21.91	23.5	0-1	
				1732.5	20175	21.97	23.5	0-1	
				1754.3	20393	21.96	23.5	0-1	
			5	1710.7	19957	21.79	23.5	0-1	
				1732.5	20175	21.92	23.5	0-1	
				1754.3	20393	21.88	23.5	0-1	
			3 RB	0	1710.7	19957	21.65	23.5	0-1
					1732.5	20175	21.72	23.5	0-1
					1754.3	20393	21.69	23.5	0-1
				2	1710.7	19957	21.66	23.5	0-1
					1732.5	20175	21.76	23.5	0-1
					1754.3	20393	21.75	23.5	0-1
		3	1710.7	19957	21.68	23.5	0-1		
			1732.5	20175	21.71	23.5	0-1		
			1754.3	20393	21.70	23.5	0-1		
		6RB			1710.7	19957	20.70	22.5	0-2
					1732.5	20175	20.77	22.5	0-2
					1754.3	20393	20.75	22.5	0-2

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	19957	21.72	23.5	0-1
				1732.5	20175	21.84	23.5	0-1
				1754.3	20393	21.79	23.5	0-1
			2	1710.7	19957	21.82	23.5	0-1
				1732.5	20175	21.88	23.5	0-1
				1754.3	20393	21.87	23.5	0-1
			5	1710.7	19957	21.70	23.5	0-1
				1732.5	20175	21.83	23.5	0-1
				1754.3	20393	21.79	23.5	0-1
		3 RB	0	1710.7	19957	21.56	23.5	0-1
				1732.5	20175	21.63	23.5	0-1
				1754.3	20393	21.60	23.5	0-1
			2	1710.7	19957	21.57	23.5	0-1
				1732.5	20175	21.67	23.5	0-1
				1754.3	20393	21.66	23.5	0-1
			3	1710.7	19957	21.59	23.5	0-1
				1732.5	20175	21.62	23.5	0-1
				1754.3	20393	21.61	23.5	0-1
		6RB		1710.7	19957	20.61	22.5	0-2
				1732.5	20175	20.68	22.5	0-2
				1754.3	20393	20.66	22.5	0-2

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	829	20450	22.85	24.5	0
				836.5	20525	22.87	24.5	0
				844	20600	22.91	24.5	0
			25	829	20450	22.83	24.5	0
				836.5	20525	22.80	24.5	0
				844	20600	22.84	24.5	0
			49	829	20450	22.91	24.5	0
				836.5	20525	22.87	24.5	0
				844	20600	22.95	24.5	0
		25 RB	0	829	20450	21.93	23.5	0-1
				836.5	20525	21.88	23.5	0-1
				844	20600	21.91	23.5	0-1
			12	829	20450	21.95	23.5	0-1
				836.5	20525	21.87	23.5	0-1
				844	20600	21.98	23.5	0-1
			25	829	20450	21.92	23.5	0-1
				836.5	20525	21.84	23.5	0-1
				844	20600	21.90	23.5	0-1
		50RB		829	20450	21.86	23.5	0-1
				836.5	20525	21.84	23.5	0-1
				844	20600	21.95	23.5	0-1
	16-QAM	1 RB	0	829	20450	22.18	23.5	0-1
				836.5	20525	22.11	23.5	0-1
				844	20600	22.22	23.5	0-1
			25	829	20450	22.17	23.5	0-1
				836.5	20525	22.08	23.5	0-1
				844	20600	22.22	23.5	0-1
			49	829	20450	22.24	23.5	0-1
				836.5	20525	22.19	23.5	0-1
				844	20600	22.27	23.5	0-1
		25 RB	0	829	20450	20.98	22.5	0-2
				836.5	20525	20.96	22.5	0-2
				844	20600	20.98	22.5	0-2
			12	829	20450	20.96	22.5	0-2
				836.5	20525	20.97	22.5	0-2
				844	20600	21.02	22.5	0-2
			25	829	20450	20.99	22.5	0-2
				836.5	20525	20.89	22.5	0-2
				844	20600	20.96	22.5	0-2
		500RB		829	20450	20.99	22.5	0-2
				836.5	20525	20.96	22.5	0-2
				844	20600	21.02	22.5	0-2

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	829	20450	22.10	23.5	0-1
				836.5	20525	22.03	23.5	0-1
				844	20600	22.14	23.5	0-1
			25	829	20450	22.09	23.5	0-1
				836.5	20525	22.00	23.5	0-1
				844	20600	22.14	23.5	0-1
			49	829	20450	22.16	23.5	0-1
				836.5	20525	22.11	23.5	0-1
				844	20600	22.19	23.5	0-1
		25 RB	0	829	20450	20.90	22.5	0-2
				836.5	20525	20.88	22.5	0-2
				844	20600	20.90	22.5	0-2
			12	829	20450	20.88	22.5	0-2
				836.5	20525	20.89	22.5	0-2
				844	20600	20.94	22.5	0-2
			25	829	20450	20.91	22.5	0-2
				836.5	20525	20.81	22.5	0-2
				844	20600	20.88	22.5	0-2
		500RB		829	20450	20.91	22.5	0-2
				836.5	20525	20.88	22.5	0-2
				844	20600	20.94	22.5	0-2

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	826.5	20425	22.81	24.5	0
				836.5	20525	22.83	24.5	0
				846.5	20625	22.83	24.5	0
			12	826.5	20425	22.77	24.5	0
				836.5	20525	22.74	24.5	0
				846.5	20625	22.78	24.5	0
			24	826.5	20425	22.85	24.5	0
				836.5	20525	22.77	24.5	0
				846.5	20625	22.87	24.5	0
		12 RB	0	826.5	20425	21.85	23.5	0-1
				836.5	20525	21.80	23.5	0-1
				846.5	20625	21.86	23.5	0-1
			6	826.5	20425	21.90	23.5	0-1
				836.5	20525	21.82	23.5	0-1
				846.5	20625	21.94	23.5	0-1
			13	826.5	20425	21.90	23.5	0-1
				836.5	20525	21.76	23.5	0-1
				846.5	20625	21.91	23.5	0-1
		25RB		826.5	20425	21.83	23.5	0-1
				836.5	20525	21.81	23.5	0-1
				846.5	20625	21.88	23.5	0-1
	16-QAM	1 RB	0	826.5	20425	22.10	23.5	0-1
				836.5	20525	22.11	23.5	0-1
				846.5	20625	22.17	23.5	0-1
			12	826.5	20425	22.12	23.5	0-1
				836.5	20525	22.01	23.5	0-1
				846.5	20625	22.14	23.5	0-1
			24	826.5	20425	22.17	23.5	0-1
				836.5	20525	22.14	23.5	0-1
				846.5	20625	22.24	23.5	0-1
		12 RB	0	826.5	20425	20.98	22.5	0-2
				836.5	20525	20.93	22.5	0-2
				846.5	20625	20.88	22.5	0-2
			6	826.5	20425	20.93	22.5	0-2
				836.5	20525	20.95	22.5	0-2
				846.5	20625	20.98	22.5	0-2
			13	826.5	20425	20.90	22.5	0-2
				836.5	20525	20.85	22.5	0-2
				846.5	20625	20.88	22.5	0-2
		25RB		826.5	20425	20.98	22.5	0-2
				836.5	20525	20.92	22.5	0-2
				846.5	20625	20.99	22.5	0-2

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	826.5	20425	22.02	23.5	0-1
				836.5	20525	21.95	23.5	0-1
				846.5	20625	22.10	23.5	0-1
			12	826.5	20425	22.00	23.5	0-1
				836.5	20525	21.92	23.5	0-1
				846.5	20625	22.07	23.5	0-1
			24	826.5	20425	22.07	23.5	0-1
				836.5	20525	22.02	23.5	0-1
				846.5	20625	22.18	23.5	0-1
		12 RB	0	826.5	20425	20.81	22.5	0-2
				836.5	20525	20.80	22.5	0-2
				846.5	20625	20.85	22.5	0-2
			6	826.5	20425	20.85	22.5	0-2
				836.5	20525	20.89	22.5	0-2
				846.5	20625	20.85	22.5	0-2
			13	826.5	20425	20.83	22.5	0-2
				836.5	20525	20.73	22.5	0-2
				846.5	20625	20.82	22.5	0-2
		25RB		826.5	20425	20.86	22.5	0-2
				836.5	20525	20.79	22.5	0-2
				846.5	20625	20.91	22.5	0-2

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	825.5	20415	22.83	24.5	0
				836.5	20525	22.85	24.5	0
				847.5	20635	22.89	24.5	0
			7	825.5	20415	22.74	24.5	0
				836.5	20525	22.72	24.5	0
				847.5	20635	22.80	24.5	0
			14	825.5	20415	22.87	24.5	0
				836.5	20525	22.81	24.5	0
				847.5	20635	22.87	24.5	0
		8 RB	0	825.5	20415	21.89	23.5	0-1
				836.5	20525	21.82	23.5	0-1
				847.5	20635	21.85	23.5	0-1
			4	825.5	20415	21.92	23.5	0-1
				836.5	20525	21.80	23.5	0-1
				847.5	20635	21.94	23.5	0-1
			7	825.5	20415	21.83	23.5	0-1
				836.5	20525	21.76	23.5	0-1
				847.5	20635	21.86	23.5	0-1
		15RB		825.5	20415	21.77	23.5	0-1
				836.5	20525	21.78	23.5	0-1
				847.5	20635	21.95	23.5	0-1
	16-QAM	1 RB	0	825.5	20415	22.15	23.5	0-1
				836.5	20525	22.04	23.5	0-1
				847.5	20635	22.13	23.5	0-1
			7	825.5	20415	22.14	23.5	0-1
				836.5	20525	21.98	23.5	0-1
				847.5	20635	22.17	23.5	0-1
			14	825.5	20415	22.17	23.5	0-1
				836.5	20525	22.09	23.5	0-1
				847.5	20635	22.24	23.5	0-1
		8 RB	0	825.5	20415	20.98	22.5	0-2
				836.5	20525	20.88	22.5	0-2
				847.5	20635	20.95	22.5	0-2
			4	825.5	20415	20.93	22.5	0-2
				836.5	20525	20.96	22.5	0-2
				847.5	20635	20.95	22.5	0-2
			7	825.5	20415	20.97	22.5	0-2
				836.5	20525	20.83	22.5	0-2
				847.5	20635	20.92	22.5	0-2
		15RB		825.5	20415	20.98	22.5	0-2
				836.5	20525	20.88	22.5	0-2
				847.5	20635	20.97	22.5	0-2

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	825.5	20415	22.07	23.5	0-1
				836.5	20525	21.94	23.5	0-1
				847.5	20635	22.10	23.5	0-1
			7	825.5	20415	22.01	23.5	0-1
				836.5	20525	22.00	23.5	0-1
				847.5	20635	22.07	23.5	0-1
			14	825.5	20415	22.06	23.5	0-1
				836.5	20525	22.05	23.5	0-1
				847.5	20635	22.16	23.5	0-1
		8 RB	0	825.5	20415	20.81	22.5	0-2
				836.5	20525	20.86	22.5	0-2
				847.5	20635	20.87	22.5	0-2
			4	825.5	20415	20.84	22.5	0-2
				836.5	20525	20.89	22.5	0-2
				847.5	20635	20.89	22.5	0-2
			7	825.5	20415	20.83	22.5	0-2
				836.5	20525	20.74	22.5	0-2
				847.5	20635	20.78	22.5	0-2
		15RB		825.5	20415	20.89	22.5	0-2
				836.5	20525	20.79	22.5	0-2
				847.5	20635	20.90	22.5	0-2

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	824.7	20407	22.82	24.5	0
				836.5	20525	22.62	24.5	0
				848.3	20643	22.85	24.5	0
			2	824.7	20407	22.71	24.5	0
				836.5	20525	22.75	24.5	0
				848.3	20643	22.83	24.5	0
			5	824.7	20407	22.61	24.5	0
				836.5	20525	22.80	24.5	0
				848.3	20643	22.87	24.5	0
		3 RB	0	824.7	20407	22.71	24.5	0
				836.5	20525	22.71	24.5	0
				848.3	20643	22.82	24.5	0
			2	824.7	20407	22.78	24.5	0
				836.5	20525	22.71	24.5	0
				848.3	20643	22.81	24.5	0
			3	824.7	20407	22.73	24.5	0
				836.5	20525	22.74	24.5	0
				848.3	20643	22.77	24.5	0
		6RB		824.7	20407	21.73	23.5	0-1
				836.5	20525	21.71	23.5	0-1
				848.3	20643	21.95	23.5	0-1
	16-QAM	1 RB	0	824.7	20407	22.37	23.5	0-1
				836.5	20525	21.99	23.5	0-1
				848.3	20643	21.97	23.5	0-1
			2	824.7	20407	22.34	23.5	0-1
				836.5	20525	22.29	23.5	0-1
				848.3	20643	22.59	23.5	0-1
			5	824.7	20407	21.82	23.5	0-1
				836.5	20525	22.10	23.5	0-1
				848.3	20643	22.17	23.5	0-1
		3 RB	0	824.7	20407	21.71	23.5	0-1
				836.5	20525	21.79	23.5	0-1
				848.3	20643	21.86	23.5	0-1
			2	824.7	20407	21.73	23.5	0-1
				836.5	20525	21.87	23.5	0-1
				848.3	20643	21.80	23.5	0-1
			3	824.7	20407	21.76	23.5	0-1
				836.5	20525	21.72	23.5	0-1
				848.3	20643	21.77	23.5	0-1
		6RB		824.7	20407	20.85	22.5	0-2
				836.5	20525	21.07	22.5	0-2
				848.3	20643	21.21	22.5	0-2

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	824.7	20407	22.32	23.5	0-1
				836.5	20525	21.92	23.5	0-1
				848.3	20643	21.95	23.5	0-1
			2	824.7	20407	22.34	23.5	0-1
				836.5	20525	22.27	23.5	0-1
				848.3	20643	22.52	23.5	0-1
			5	824.7	20407	21.77	23.5	0-1
				836.5	20525	22.02	23.5	0-1
				848.3	20643	22.12	23.5	0-1
		3 RB	0	824.7	20407	21.75	23.5	0-1
				836.5	20525	21.79	23.5	0-1
				848.3	20643	21.79	23.5	0-1
			2	824.7	20407	21.69	23.5	0-1
				836.5	20525	21.81	23.5	0-1
				848.3	20643	21.79	23.5	0-1
			3	824.7	20407	21.78	23.5	0-1
				836.5	20525	21.67	23.5	0-1
				848.3	20643	21.74	23.5	0-1
		6RB		824.7	20407	20.83	22.5	0-2
				836.5	20525	21.07	22.5	0-2
				848.3	20643	21.16	22.5	0-2

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2510	20850	23.04	24.5	0
				2535	21100	23.14	24.5	0
				2560	21350	23.16	24.5	0
			50	2510	20850	22.81	24.5	0
				2535	21100	23.06	24.5	0
				2560	21350	23.05	24.5	0
			99	2510	20850	22.98	24.5	0
				2535	21100	23.11	24.5	0
				2560	21350	23.01	24.5	0
		50 RB	0	2510	20850	21.95	23.5	0-1
				2535	21100	22.11	23.5	0-1
				2560	21350	22.09	23.5	0-1
			25	2510	20850	22.00	23.5	0-1
				2535	21100	22.13	23.5	0-1
				2560	21350	22.12	23.5	0-1
			50	2510	20850	22.03	23.5	0-1
				2535	21100	22.10	23.5	0-1
				2560	21350	22.24	23.5	0-1
		100RB		2510	20850	21.94	23.5	0-1
				2535	21100	22.05	23.5	0-1
				2560	21350	22.02	23.5	0-1
	16-QAM	1 RB	0	2510	20850	22.62	23.5	0-1
				2535	21100	22.72	23.5	0-1
				2560	21350	22.97	23.5	0-1
			50	2510	20850	22.31	23.5	0-1
				2535	21100	22.66	23.5	0-1
				2560	21350	22.61	23.5	0-1
			99	2510	20850	22.00	23.5	0-1
				2535	21100	22.38	23.5	0-1
				2560	21350	22.32	23.5	0-1
		50 RB	0	2510	20850	21.07	22.5	0-2
				2535	21100	21.25	22.5	0-2
				2560	21350	21.27	22.5	0-2
			25	2510	20850	21.11	22.5	0-2
				2535	21100	21.19	22.5	0-2
				2560	21350	21.25	22.5	0-2
			50	2510	20850	21.14	22.5	0-2
				2535	21100	21.21	22.5	0-2
				2560	21350	21.29	22.5	0-2
		100RB		2510	20850	21.04	22.5	0-2
				2535	21100	21.10	22.5	0-2
				2560	21350	21.11	22.5	0-2

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2510	20850	22.51	23.5	0-1
				2535	21100	22.61	23.5	0-1
				2560	21350	22.86	23.5	0-1
			50	2510	20850	22.20	23.5	0-1
				2535	21100	22.55	23.5	0-1
				2560	21350	22.50	23.5	0-1
			99	2510	20850	21.89	23.5	0-1
				2535	21100	22.27	23.5	0-1
				2560	21350	22.21	23.5	0-1
		50 RB	0	2510	20850	20.96	22.5	0-2
				2535	21100	21.14	22.5	0-2
				2560	21350	21.17	22.5	0-2
			25	2510	20850	21.00	22.5	0-2
				2535	21100	21.08	22.5	0-2
				2560	21350	21.16	22.5	0-2
			50	2510	20850	21.03	22.5	0-2
				2535	21100	21.10	22.5	0-2
				2560	21350	21.18	22.5	0-2
		100RB		2510	20850	20.93	22.5	0-2
				2535	21100	21.09	22.5	0-2
				2560	21350	21.11	22.5	0-2

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2507.5	20825	23.07	24.5	0
				2535	21100	23.14	24.5	0
				2562.5	21375	23.09	24.5	0
			36	2507.5	20825	22.92	24.5	0
				2535	21100	23.07	24.5	0
				2562.5	21375	23.12	24.5	0
			74	2507.5	20825	22.97	24.5	0
				2535	21100	23.01	24.5	0
				2562.5	21375	23.12	24.5	0
		36 RB	0	2507.5	20825	21.98	23.5	0-1
				2535	21100	22.09	23.5	0-1
				2562.5	21375	22.27	23.5	0-1
			18	2507.5	20825	22.01	23.5	0-1
				2535	21100	22.14	23.5	0-1
				2562.5	21375	22.30	23.5	0-1
			37	2507.5	20825	21.94	23.5	0-1
				2535	21100	22.07	23.5	0-1
				2562.5	21375	22.18	23.5	0-1
			75RB	2507.5	20825	21.95	23.5	0-1
				2535	21100	22.06	23.5	0-1
				2562.5	21375	22.21	23.5	0-1
	16-QAM	1 RB	0	2507.5	20825	22.40	23.5	0-1
				2535	21100	22.43	23.5	0-1
				2562.5	21375	22.59	23.5	0-1
			36	2507.5	20825	22.57	23.5	0-1
				2535	21100	22.54	23.5	0-1
				2562.5	21375	22.41	23.5	0-1
			74	2507.5	20825	22.17	23.5	0-1
				2535	21100	22.66	23.5	0-1
				2562.5	21375	22.80	23.5	0-1
		36 RB	0	2507.5	20825	21.11	22.5	0-2
				2535	21100	21.16	22.5	0-2
				2562.5	21375	21.35	22.5	0-2
			18	2507.5	20825	21.11	22.5	0-2
				2535	21100	21.37	22.5	0-2
				2562.5	21375	21.32	22.5	0-2
			37	2507.5	20825	21.09	22.5	0-2
				2535	21100	21.19	22.5	0-2
				2562.5	21375	21.30	22.5	0-2
			75RB	2507.5	20825	21.07	22.5	0-2
				2535	21100	21.13	22.5	0-2
				2562.5	21375	21.34	22.5	0-2

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2507.5	20825	22.26	23.5	0-1
				2535	21100	22.29	23.5	0-1
				2562.5	21375	22.45	23.5	0-1
			36	2507.5	20825	22.43	23.5	0-1
				2535	21100	22.40	23.5	0-1
				2562.5	21375	22.27	23.5	0-1
			74	2507.5	20825	22.03	23.5	0-1
				2535	21100	22.52	23.5	0-1
				2562.5	21375	22.66	23.5	0-1
		36 RB	0	2507.5	20825	20.97	22.5	0-2
				2535	21100	21.02	22.5	0-2
				2562.5	21375	21.21	22.5	0-2
			18	2507.5	20825	20.97	22.5	0-2
				2535	21100	21.25	22.5	0-2
				2562.5	21375	21.18	22.5	0-2
			37	2507.5	20825	20.95	22.5	0-2
				2535	21100	21.05	22.5	0-2
				2562.5	21375	21.16	22.5	0-2
		75RB		2507.5	20825	20.93	22.5	0-2
				2535	21100	20.99	22.5	0-2
				2562.5	21375	21.20	22.5	0-2

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2505	20800	22.75	24.5	0
				2535	21100	22.76	24.5	0
				2565	21400	22.99	24.5	0
			25	2505	20800	22.74	24.5	0
				2535	21100	22.87	24.5	0
				2565	21400	22.90	24.5	0
			49	2505	20800	22.74	24.5	0
				2535	21100	22.91	24.5	0
				2565	21400	22.98	24.5	0
		25 RB	0	2505	20800	21.72	23.5	0-1
				2535	21100	21.84	23.5	0-1
				2565	21400	22.06	23.5	0-1
			12	2505	20800	21.72	23.5	0-1
				2535	21100	21.95	23.5	0-1
				2565	21400	22.07	23.5	0-1
			25	2505	20800	21.71	23.5	0-1
				2535	21100	21.91	23.5	0-1
				2565	21400	22.02	23.5	0-1
		50RB		2505	20800	21.71	23.5	0-1
				2535	21100	21.83	23.5	0-1
				2565	21400	21.98	23.5	0-1
	16-QAM	1 RB	0	2505	20800	21.90	23.5	0-1
				2535	21100	22.00	23.5	0-1
				2565	21400	22.21	23.5	0-1
			25	2505	20800	22.19	23.5	0-1
				2535	21100	22.16	23.5	0-1
				2565	21400	22.27	23.5	0-1
			49	2505	20800	22.33	23.5	0-1
				2535	21100	21.89	23.5	0-1
				2565	21400	22.13	23.5	0-1
		25 RB	0	2505	20800	20.74	22.5	0-2
				2535	21100	20.90	22.5	0-2
				2565	21400	21.17	22.5	0-2
			12	2505	20800	20.94	22.5	0-2
				2535	21100	20.93	22.5	0-2
				2565	21400	21.20	22.5	0-2
			25	2505	20800	20.81	22.5	0-2
				2535	21100	20.92	22.5	0-2
				2565	21400	21.03	22.5	0-2
		50RB		2505	20800	20.83	22.5	0-2
				2535	21100	20.91	22.5	0-2
				2565	21400	21.10	22.5	0-2

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FDD Band 7								
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10	64-QAM	1 RB	0	2505	20800	21.78	23.5	0-1
				2535	21100	21.88	23.5	0-1
				2565	21400	22.09	23.5	0-1
			25	2505	20800	22.07	23.5	0-1
				2535	21100	22.04	23.5	0-1
				2565	21400	22.15	23.5	0-1
			49	2505	20800	22.21	23.5	0-1
				2535	21100	21.77	23.5	0-1
				2565	21400	22.01	23.5	0-1
		25 RB	0	2505	20800	20.70	22.5	0-2
				2535	21100	20.78	22.5	0-2
				2565	21400	21.05	22.5	0-2
			12	2505	20800	20.82	22.5	0-2
				2535	21100	20.81	22.5	0-2
				2565	21400	21.08	22.5	0-2
			25	2505	20800	20.71	22.5	0-2
				2535	21100	20.80	22.5	0-2
				2565	21400	20.91	22.5	0-2
		50RB		2505	20800	20.71	22.5	0-2
				2535	21100	20.79	22.5	0-2
				2565	21400	20.98	22.5	0-2

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2502.5	20775	22.99	24.5	0
				2535	21100	23.10	24.5	0
				2567.5	21425	23.11	24.5	0
			12	2502.5	20775	22.79	24.5	0
				2535	21100	22.99	24.5	0
				2567.5	21425	22.99	24.5	0
			24	2502.5	20775	22.97	24.5	0
				2535	21100	23.05	24.5	0
				2567.5	21425	22.95	24.5	0
		12 RB	0	2502.5	20775	21.92	23.5	0-1
				2535	21100	22.07	23.5	0-1
				2567.5	21425	22.08	23.5	0-1
			6	2502.5	20775	21.94	23.5	0-1
				2535	21100	22.04	23.5	0-1
				2567.5	21425	22.06	23.5	0-1
			13	2502.5	20775	22.00	23.5	0-1
				2535	21100	22.04	23.5	0-1
				2567.5	21425	22.22	23.5	0-1
			25RB	2502.5	20775	21.93	23.5	0-1
				2535	21100	22.04	23.5	0-1
				2567.5	21425	22.08	23.5	0-1
	16-QAM	1 RB	0	2502.5	20775	22.61	23.5	0-1
				2535	21100	22.71	23.5	0-1
				2567.5	21425	22.95	23.5	0-1
			12	2502.5	20775	22.29	23.5	0-1
				2535	21100	22.65	23.5	0-1
				2567.5	21425	22.60	23.5	0-1
			24	2502.5	20775	21.97	23.5	0-1
				2535	21100	22.34	23.5	0-1
				2567.5	21425	22.22	23.5	0-1
		12 RB	0	2502.5	20775	21.04	22.5	0-2
				2535	21100	21.16	22.5	0-2
				2567.5	21425	21.24	22.5	0-2
			6	2502.5	20775	21.05	22.5	0-2
				2535	21100	21.18	22.5	0-2
				2567.5	21425	21.17	22.5	0-2
			13	2502.5	20775	21.12	22.5	0-2
				2535	21100	21.11	22.5	0-2
				2567.5	21425	21.21	22.5	0-2
		25RB		2502.5	20775	20.99	22.5	0-2
				2535	21100	21.11	22.5	0-2
				2567.5	21425	21.16	22.5	0-2

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2502.5	20775	22.50	23.5	0-1
				2535	21100	22.58	23.5	0-1
				2567.5	21425	22.78	23.5	0-1
			12	2502.5	20775	22.17	23.5	0-1
				2535	21100	22.47	23.5	0-1
				2567.5	21425	22.40	23.5	0-1
			24	2502.5	20775	21.85	23.5	0-1
				2535	21100	22.23	23.5	0-1
				2567.5	21425	22.18	23.5	0-1
		12 RB	0	2502.5	20775	20.95	22.5	0-2
				2535	21100	21.10	22.5	0-2
				2567.5	21425	21.12	22.5	0-2
			6	2502.5	20775	20.97	22.5	0-2
				2535	21100	21.00	22.5	0-2
				2567.5	21425	21.16	22.5	0-2
			13	2502.5	20775	20.93	22.5	0-2
				2535	21100	21.04	22.5	0-2
				2567.5	21425	21.15	22.5	0-2
		25RB		2502.5	20775	20.91	22.5	0-2
				2535	21100	21.07	22.5	0-2
				2567.5	21425	21.02	22.5	0-2

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	704	23060	23.11	24.5	0
				707.5	23095	23.08	24.5	0
				711	23130	23.15	24.5	0
			25	704	23060	23.14	24.5	0
				707.5	23095	23.09	24.5	0
				711	23130	23.24	24.5	0
			49	704	23060	23.07	24.5	0
				707.5	23095	23.28	24.5	0
				711	23130	23.13	24.5	0
		25 RB	0	704	23060	22.19	23.5	0-1
				707.5	23095	22.18	23.5	0-1
				711	23130	22.12	23.5	0-1
			12	704	23060	22.17	23.5	0-1
				707.5	23095	22.16	23.5	0-1
				711	23130	22.21	23.5	0-1
			25	704	23060	22.20	23.5	0-1
				707.5	23095	22.12	23.5	0-1
				711	23130	22.23	23.5	0-1
		50RB		704	23060	22.14	23.5	0-1
				707.5	23095	22.09	23.5	0-1
				711	23130	22.16	23.5	0-1
	16-QAM	1 RB	0	704	23060	22.49	23.5	0-1
				707.5	23095	22.48	23.5	0-1
				711	23130	22.53	23.5	0-1
			25	704	23060	22.51	23.5	0-1
				707.5	23095	22.47	23.5	0-1
				711	23130	22.58	23.5	0-1
			49	704	23060	22.54	23.5	0-1
				707.5	23095	22.63	23.5	0-1
				711	23130	22.71	23.5	0-1
		25 RB	0	704	23060	21.31	22.5	0-2
				707.5	23095	21.25	22.5	0-2
				711	23130	21.22	22.5	0-2
			12	704	23060	21.32	22.5	0-2
				707.5	23095	21.26	22.5	0-2
				711	23130	21.28	22.5	0-2
			25	704	23060	21.23	22.5	0-2
				707.5	23095	21.24	22.5	0-2
				711	23130	21.33	22.5	0-2
		50RB		704	23060	21.31	22.5	0-2
				707.5	23095	21.23	22.5	0-2
				711	23130	21.27	22.5	0-2

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	704	23060	22.38	23.5	0-1
				707.5	23095	22.37	23.5	0-1
				711	23130	22.42	23.5	0-1
			25	704	23060	22.40	23.5	0-1
				707.5	23095	22.36	23.5	0-1
				711	23130	22.47	23.5	0-1
			49	704	23060	22.43	23.5	0-1
				707.5	23095	22.52	23.5	0-1
				711	23130	22.60	23.5	0-1
		25 RB	0	704	23060	21.20	22.5	0-2
				707.5	23095	21.14	22.5	0-2
				711	23130	21.11	22.5	0-2
			12	704	23060	21.21	22.5	0-2
				707.5	23095	21.15	22.5	0-2
				711	23130	21.17	22.5	0-2
			25	704	23060	21.12	22.5	0-2
				707.5	23095	21.13	22.5	0-2
				711	23130	21.22	22.5	0-2
		50RB		704	23060	21.20	22.5	0-2
				707.5	23095	21.12	22.5	0-2
				711	23130	21.16	22.5	0-2

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FDD Band 12									
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	
5	QPSK	1 RB	0	701.5	23035	23.11	24.5	0	
				707.5	23095	23.03	24.5	0	
				713.5	23155	23.11	24.5	0	
			12	701.5	23035	23.12	24.5	0	
				707.5	23095	23.01	24.5	0	
				713.5	23155	23.19	24.5	0	
			24	701.5	23035	23.06	24.5	0	
				707.5	23095	23.23	24.5	0	
				713.5	23155	23.16	24.5	0	
		12 RB	0	701.5	23035	22.11	23.5	0-1	
				707.5	23095	22.09	23.5	0-1	
				713.5	23155	22.09	23.5	0-1	
			6	701.5	23035	22.08	23.5	0-1	
				707.5	23095	22.14	23.5	0-1	
				713.5	23155	22.12	23.5	0-1	
			13	701.5	23035	22.11	23.5	0-1	
				707.5	23095	22.12	23.5	0-1	
				713.5	23155	22.17	23.5	0-1	
		25RB			701.5	23035	22.08	23.5	0-1
					707.5	23095	22.04	23.5	0-1
					713.5	23155	22.13	23.5	0-1
	16-QAM	1 RB	0	701.5	23035	22.45	23.5	0-1	
				707.5	23095	22.41	23.5	0-1	
				713.5	23155	22.47	23.5	0-1	
			12	701.5	23035	22.51	23.5	0-1	
				707.5	23095	22.46	23.5	0-1	
				713.5	23155	22.56	23.5	0-1	
			24	701.5	23035	22.47	23.5	0-1	
				707.5	23095	22.53	23.5	0-1	
				713.5	23155	22.63	23.5	0-1	
			12 RB	0	701.5	23035	21.26	22.5	0-2
					707.5	23095	21.16	22.5	0-2
					713.5	23155	21.15	22.5	0-2
				6	701.5	23035	21.26	22.5	0-2
					707.5	23095	21.19	22.5	0-2
					713.5	23155	21.24	22.5	0-2
		13	701.5	23035	21.21	22.5	0-2		
			707.5	23095	21.14	22.5	0-2		
			713.5	23155	21.33	22.5	0-2		
		25RB			701.5	23035	21.23	22.5	0-2
					707.5	23095	21.14	22.5	0-2
					713.5	23155	21.23	22.5	0-2

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	701.5	23035	22.33	23.5	0-1
				707.5	23095	22.31	23.5	0-1
				713.5	23155	22.38	23.5	0-1
			12	701.5	23035	22.34	23.5	0-1
				707.5	23095	22.34	23.5	0-1
				713.5	23155	22.42	23.5	0-1
			24	701.5	23035	22.43	23.5	0-1
				707.5	23095	22.45	23.5	0-1
				713.5	23155	22.56	23.5	0-1
		12 RB	0	701.5	23035	21.12	22.5	0-2
				707.5	23095	21.12	22.5	0-2
				713.5	23155	21.11	22.5	0-2
			6	701.5	23035	21.16	22.5	0-2
				707.5	23095	21.11	22.5	0-2
				713.5	23155	21.13	22.5	0-2
			13	701.5	23035	21.06	22.5	0-2
				707.5	23095	21.03	22.5	0-2
				713.5	23155	21.13	22.5	0-2
		25RB		701.5	23035	21.10	22.5	0-2
				707.5	23095	21.08	22.5	0-2
				713.5	23155	21.11	22.5	0-2

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	700.5	23025	23.07	24.5	0
				707.5	23095	22.99	24.5	0
				714.5	23165	23.07	24.5	0
			7	700.5	23025	23.05	24.5	0
				707.5	23095	23.07	24.5	0
				714.5	23165	23.14	24.5	0
			14	700.5	23025	23.02	24.5	0
				707.5	23095	23.14	24.5	0
				714.5	23165	23.20	24.5	0
		8 RB	0	700.5	23025	22.11	23.5	0-1
				707.5	23095	22.09	23.5	0-1
				714.5	23165	22.10	23.5	0-1
			4	700.5	23025	22.16	23.5	0-1
				707.5	23095	22.09	23.5	0-1
				714.5	23165	22.15	23.5	0-1
			7	700.5	23025	22.14	23.5	0-1
				707.5	23095	22.12	23.5	0-1
				714.5	23165	22.17	23.5	0-1
		15RB		700.5	23025	22.11	23.5	0-1
				707.5	23095	22.05	23.5	0-1
				714.5	23165	22.15	23.5	0-1
	16-QAM	1 RB	0	700.5	23025	22.44	23.5	0-1
				707.5	23095	22.38	23.5	0-1
				714.5	23165	22.50	23.5	0-1
			7	700.5	23025	22.48	23.5	0-1
				707.5	23095	22.37	23.5	0-1
				714.5	23165	22.54	23.5	0-1
			14	700.5	23025	22.48	23.5	0-1
				707.5	23095	22.56	23.5	0-1
				714.5	23165	22.62	23.5	0-1
		8 RB	0	700.5	23025	21.28	22.5	0-2
				707.5	23095	21.24	22.5	0-2
				714.5	23165	21.17	22.5	0-2
			4	700.5	23025	21.29	22.5	0-2
				707.5	23095	21.24	22.5	0-2
				714.5	23165	21.19	22.5	0-2
			7	700.5	23025	21.19	22.5	0-2
				707.5	23095	21.16	22.5	0-2
				714.5	23165	21.27	22.5	0-2
		15RB		700.5	23025	21.28	22.5	0-2
				707.5	23095	21.18	22.5	0-2
				714.5	23165	21.23	22.5	0-2

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	700.5	23025	22.30	23.5	0-1
				707.5	23095	22.27	23.5	0-1
				714.5	23165	22.41	23.5	0-1
			7	700.5	23025	22.31	23.5	0-1
				707.5	23095	22.33	23.5	0-1
				714.5	23165	22.44	23.5	0-1
			14	700.5	23025	22.33	23.5	0-1
				707.5	23095	22.46	23.5	0-1
				714.5	23165	22.54	23.5	0-1
		8 RB	0	700.5	23025	21.12	22.5	0-2
				707.5	23095	21.07	22.5	0-2
				714.5	23165	21.02	22.5	0-2
			4	700.5	23025	21.20	22.5	0-2
				707.5	23095	21.12	22.5	0-2
				714.5	23165	21.15	22.5	0-2
			7	700.5	23025	21.02	22.5	0-2
				707.5	23095	21.06	22.5	0-2
				714.5	23165	21.21	22.5	0-2
		15RB		700.5	23025	21.10	22.5	0-2
				707.5	23095	21.12	22.5	0-2
				714.5	23165	21.08	22.5	0-2

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	699.7	23017	23.07	24.5	0
				707.5	23095	22.93	24.5	0
				715.3	23173	22.99	24.5	0
			2	699.7	23017	23.23	24.5	0
				707.5	23095	23.01	24.5	0
				715.3	23173	23.02	24.5	0
			5	699.7	23017	23.22	24.5	0
				707.5	23095	22.88	24.5	0
				715.3	23173	22.94	24.5	0
		3 RB	0	699.7	23017	22.80	24.5	0
				707.5	23095	22.55	24.5	0
				715.3	23173	22.61	24.5	0
			2	699.7	23017	22.81	24.5	0
				707.5	23095	22.60	24.5	0
				715.3	23173	22.77	24.5	0
			3	699.7	23017	22.85	24.5	0
				707.5	23095	22.62	24.5	0
				715.3	23173	22.64	24.5	0
		6RB		699.7	23017	22.22	23.5	0-1
				707.5	23095	21.96	23.5	0-1
				715.3	23173	22.07	23.5	0-1
	16-QAM	1 RB	0	699.7	23017	22.68	23.5	0-1
				707.5	23095	21.92	23.5	0-1
				715.3	23173	22.29	23.5	0-1
			2	699.7	23017	22.63	23.5	0-1
				707.5	23095	22.09	23.5	0-1
				715.3	23173	22.33	23.5	0-1
			5	699.7	23017	22.36	23.5	0-1
				707.5	23095	22.49	23.5	0-1
				715.3	23173	22.54	23.5	0-1
		3 RB	0	699.7	23017	21.74	23.5	0-1
				707.5	23095	21.54	23.5	0-1
				715.3	23173	21.55	23.5	0-1
			2	699.7	23017	21.72	23.5	0-1
				707.5	23095	21.66	23.5	0-1
				715.3	23173	21.61	23.5	0-1
			3	699.7	23017	21.83	23.5	0-1
				707.5	23095	21.55	23.5	0-1
				715.3	23173	21.54	23.5	0-1
		6RB		699.7	23017	21.30	22.5	0-2
				707.5	23095	21.10	22.5	0-2
				715.3	23173	21.16	22.5	0-2

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FDD Band 12								
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1.4	64-QAM	1 RB	0	699.7	23017	22.68	23.5	0-1
				707.5	23095	21.88	23.5	0-1
				715.3	23173	22.34	23.5	0-1
			2	699.7	23017	22.51	23.5	0-1
				707.5	23095	22.06	23.5	0-1
				715.3	23173	22.26	23.5	0-1
			5	699.7	23017	22.34	23.5	0-1
				707.5	23095	22.49	23.5	0-1
				715.3	23173	22.52	23.5	0-1
		3 RB	0	699.7	23017	21.75	23.5	0-1
				707.5	23095	21.54	23.5	0-1
				715.3	23173	21.57	23.5	0-1
			2	699.7	23017	21.72	23.5	0-1
				707.5	23095	21.58	23.5	0-1
				715.3	23173	21.54	23.5	0-1
			3	699.7	23017	21.73	23.5	0-1
				707.5	23095	21.55	23.5	0-1
				715.3	23173	21.54	23.5	0-1
		6RB		699.7	23017	21.31	22.5	0-2
				707.5	23095	20.97	22.5	0-2
				715.3	23173	21.10	22.5	0-2

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FDD Band 13								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	782	23230	22.95	24.5	0
			25	782	23230	23.03	24.5	0
			49	782	23230	23.04	24.5	0
		25 RB	0	782	23230	22.13	23.5	0-1
			12	782	23230	22.12	23.5	0-1
			25	782	23230	21.99	23.5	0-1
		50RB		782	23230	22.07	23.5	0-1
	16-QAM	1 RB	0	782	23230	22.31	23.5	0-1
			25	782	23230	22.37	23.5	0-1
			49	782	23230	22.41	23.5	0-1
		25 RB	0	782	23230	21.23	22.5	0-2
			12	782	23230	21.21	22.5	0-2
			25	782	23230	21.11	22.5	0-2
		50RB		782	23230	21.19	22.5	0-2
	64-QAM	1 RB	0	782	23230	22.18	23.5	0-1
			25	782	23230	22.28	23.5	0-1
			49	782	23230	22.31	23.5	0-1
		25 RB	0	782	23230	21.22	22.5	0-2
			12	782	23230	21.23	22.5	0-2
			25	782	23230	21.12	22.5	0-2
		50RB		782	23230	21.16	22.5	0-2

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FDD Band 13								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	779.5	23205	22.89	24.5	0
				782	23230	22.99	24.5	0
				784.5	23255	22.83	24.5	0
			12	779.5	23205	22.98	24.5	0
				782	23230	23.02	24.5	0
				784.5	23255	23.02	24.5	0
			24	779.5	23205	22.92	24.5	0
				782	23230	22.99	24.5	0
				784.5	23255	22.95	24.5	0
		12 RB	0	779.5	23205	22.03	23.5	0-1
				782	23230	22.12	23.5	0-1
				784.5	23255	22.14	23.5	0-1
			6	779.5	23205	22.02	23.5	0-1
				782	23230	22.09	23.5	0-1
				784.5	23255	22.13	23.5	0-1
			13	779.5	23205	22.11	23.5	0-1
				782	23230	22.05	23.5	0-1
				784.5	23255	22.17	23.5	0-1
		25RB		779.5	23205	22.01	23.5	0-1
				782	23230	22.06	23.5	0-1
				784.5	23255	22.12	23.5	0-1
	16-QAM	1 RB	0	779.5	23205	22.17	23.5	0-1
				782	23230	22.35	23.5	0-1
				784.5	23255	22.52	23.5	0-1
			12	779.5	23205	21.79	23.5	0-1
				782	23230	21.84	23.5	0-1
				784.5	23255	22.53	23.5	0-1
			24	779.5	23205	22.38	23.5	0-1
				782	23230	22.34	23.5	0-1
				784.5	23255	22.48	23.5	0-1
		12 RB	0	779.5	23205	21.12	22.5	0-2
				782	23230	21.18	22.5	0-2
				784.5	23255	21.19	22.5	0-2
			6	779.5	23205	21.13	22.5	0-2
				782	23230	21.17	22.5	0-2
				784.5	23255	21.24	22.5	0-2
			13	779.5	23205	21.21	22.5	0-2
				782	23230	21.11	22.5	0-2
				784.5	23255	21.25	22.5	0-2
		25RB		779.5	23205	21.08	22.5	0-2
				782	23230	21.16	22.5	0-2
				784.5	23255	21.18	22.5	0-2

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FDD Band 13								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	779.5	23205	22.08	23.5	0-1
				782	23230	22.26	23.5	0-1
				784.5	23255	22.43	23.5	0-1
			12	779.5	23205	21.70	23.5	0-1
				782	23230	21.75	23.5	0-1
				784.5	23255	22.44	23.5	0-1
			24	779.5	23205	22.29	23.5	0-1
				782	23230	22.25	23.5	0-1
				784.5	23255	22.39	23.5	0-1
		12 RB	0	779.5	23205	21.03	22.5	0-2
				782	23230	21.09	22.5	0-2
				784.5	23255	21.10	22.5	0-2
			6	779.5	23205	21.04	22.5	0-2
				782	23230	21.08	22.5	0-2
				784.5	23255	21.15	22.5	0-2
			13	779.5	23205	21.12	22.5	0-2
				782	23230	21.02	22.5	0-2
				784.5	23255	21.16	22.5	0-2
		25RB		779.5	23205	20.99	22.5	0-2
				782	23230	21.07	22.5	0-2
				784.5	23255	21.09	22.5	0-2

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FDD Band 14								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	793	23330	22.95	24.5	0
			25	793	23330	22.87	24.5	0
			49	793	23330	22.76	24.5	0
		25 RB	0	793	23330	21.97	23.5	0-1
			12	793	23330	21.91	23.5	0-1
			25	793	23330	21.83	23.5	0-1
		50RB		793	23330	21.89	23.5	0-1
	16-QAM	1 RB	0	793	23330	22.29	23.5	0-1
			25	793	23330	22.20	23.5	0-1
			49	793	23330	22.09	23.5	0-1
		25 RB	0	793	23330	21.05	22.5	0-2
			12	793	23330	21.02	22.5	0-2
			25	793	23330	20.93	22.5	0-2
		50RB		793	23330	20.99	22.5	0-2
	64-QAM	1 RB	0	793	23330	22.18	23.5	0-1
			25	793	23330	22.09	23.5	0-1
			49	793	23330	21.98	23.5	0-1
		25 RB	0	793	23330	20.94	22.5	0-2
			12	793	23330	20.91	22.5	0-2
			25	793	23330	20.82	22.5	0-2
		50RB		793	23330	20.88	22.5	0-2

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FDD Band 14								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	790.5	23305	22.90	24.5	0
				793	23330	22.93	24.5	0
				795.5	23355	22.89	24.5	0
			12	790.5	23305	22.91	24.5	0
				793	23330	22.86	24.5	0
				795.5	23355	22.81	24.5	0
			24	790.5	23305	22.84	24.5	0
				793	23330	22.83	24.5	0
				795.5	23355	22.79	24.5	0
		12 RB	0	790.5	23305	21.97	23.5	0-1
				793	23330	21.94	23.5	0-1
				795.5	23355	21.88	23.5	0-1
			6	790.5	23305	21.97	23.5	0-1
				793	23330	21.92	23.5	0-1
				795.5	23355	21.89	23.5	0-1
			13	790.5	23305	21.94	23.5	0-1
				793	23330	21.85	23.5	0-1
				795.5	23355	21.83	23.5	0-1
		25RB		790.5	23305	21.94	23.5	0-1
				793	23330	21.88	23.5	0-1
				795.5	23355	21.84	23.5	0-1
	16-QAM	1 RB	0	790.5	23305	22.29	23.5	0-1
				793	23330	22.23	23.5	0-1
				795.5	23355	22.19	23.5	0-1
			12	790.5	23305	22.26	23.5	0-1
				793	23330	22.19	23.5	0-1
				795.5	23355	22.12	23.5	0-1
			24	790.5	23305	22.16	23.5	0-1
				793	23330	22.06	23.5	0-1
				795.5	23355	22.10	23.5	0-1
		12 RB	0	790.5	23305	21.06	22.5	0-2
				793	23330	21.00	22.5	0-2
				795.5	23355	20.97	22.5	0-2
			6	790.5	23305	21.05	22.5	0-2
				793	23330	20.99	22.5	0-2
				795.5	23355	20.96	22.5	0-2
			13	790.5	23305	21.02	22.5	0-2
				793	23330	20.96	22.5	0-2
				795.5	23355	20.91	22.5	0-2
		25RB		790.5	23305	21.04	22.5	0-2
				793	23330	20.99	22.5	0-2
				795.5	23355	20.93	22.5	0-2

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FDD Band 14								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	790.5	23305	22.20	23.5	0-1
				793	23330	22.14	23.5	0-1
				795.5	23355	22.10	23.5	0-1
			12	790.5	23305	22.17	23.5	0-1
				793	23330	22.10	23.5	0-1
				795.5	23355	22.03	23.5	0-1
			24	790.5	23305	22.07	23.5	0-1
				793	23330	21.97	23.5	0-1
				795.5	23355	22.01	23.5	0-1
		12 RB	0	790.5	23305	20.97	22.5	0-2
				793	23330	20.91	22.5	0-2
				795.5	23355	20.88	22.5	0-2
			6	790.5	23305	20.96	22.5	0-2
				793	23330	20.90	22.5	0-2
				795.5	23355	20.87	22.5	0-2
			13	790.5	23305	20.93	22.5	0-2
				793	23330	20.87	22.5	0-2
				795.5	23355	20.82	22.5	0-2
		25RB		790.5	23305	20.95	22.5	0-2
				793	23330	20.90	22.5	0-2
				795.5	23355	20.84	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	26140	23.32	24.5	0
				1882.5	26365	22.95	24.5	0
				1905	26590	23.01	24.5	0
			50	1860	26140	22.95	24.5	0
				1882.5	26365	22.61	24.5	0
				1905	26590	22.68	24.5	0
			99	1860	26140	22.69	24.5	0
				1882.5	26365	22.51	24.5	0
				1905	26590	22.66	24.5	0
		50 RB	0	1860	26140	22.12	23.5	0-1
				1882.5	26365	21.77	23.5	0-1
				1905	26590	21.91	23.5	0-1
			25	1860	26140	21.95	23.5	0-1
				1882.5	26365	21.69	23.5	0-1
				1905	26590	21.81	23.5	0-1
			50	1860	26140	21.86	23.5	0-1
				1882.5	26365	21.63	23.5	0-1
				1905	26590	21.75	23.5	0-1
		100RB		1860	26140	21.97	23.5	0-1
				1882.5	26365	21.72	23.5	0-1
				1905	26590	21.85	23.5	0-1
	16-QAM	1 RB	0	1860	26140	22.60	23.5	0-1
				1882.5	26365	22.29	23.5	0-1
				1905	26590	22.33	23.5	0-1
			50	1860	26140	22.25	23.5	0-1
				1882.5	26365	21.95	23.5	0-1
				1905	26590	21.99	23.5	0-1
			99	1860	26140	22.02	23.5	0-1
				1882.5	26365	21.88	23.5	0-1
				1905	26590	21.93	23.5	0-1
		50 RB	0	1860	26140	21.22	22.5	0-2
				1882.5	26365	20.89	22.5	0-2
				1905	26590	20.98	22.5	0-2
			25	1860	26140	21.04	22.5	0-2
				1882.5	26365	20.79	22.5	0-2
				1905	26590	20.90	22.5	0-2
			50	1860	26140	20.96	22.5	0-2
				1882.5	26365	20.71	22.5	0-2
				1905	26590	20.84	22.5	0-2
		100RB		1860	26140	21.05	22.5	0-2
				1882.5	26365	20.79	22.5	0-2
				1905	26590	20.92	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1860	26140	22.52	23.5	0-1
				1882.5	26365	22.21	23.5	0-1
				1905	26590	22.25	23.5	0-1
			50	1860	26140	22.17	23.5	0-1
				1882.5	26365	21.87	23.5	0-1
				1905	26590	21.91	23.5	0-1
			99	1860	26140	21.94	23.5	0-1
				1882.5	26365	21.80	23.5	0-1
				1905	26590	21.85	23.5	0-1
		50 RB	0	1860	26140	21.14	22.5	0-2
				1882.5	26365	20.81	22.5	0-2
				1905	26590	20.90	22.5	0-2
			25	1860	26140	20.96	22.5	0-2
				1882.5	26365	20.71	22.5	0-2
				1905	26590	20.82	22.5	0-2
			50	1860	26140	20.88	22.5	0-2
				1882.5	26365	20.70	22.5	0-2
				1905	26590	20.76	22.5	0-2
		100RB		1860	26140	20.97	22.5	0-2
				1882.5	26365	20.71	22.5	0-2
				1905	26590	20.84	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	26115	23.30	24.5	0
				1882.5	26365	22.95	24.5	0
				1907.5	26615	22.98	24.5	0
			36	1857.5	26115	22.97	24.5	0
				1882.5	26365	22.62	24.5	0
				1907.5	26615	22.69	24.5	0
			74	1857.5	26115	22.83	24.5	0
				1882.5	26365	22.59	24.5	0
				1907.5	26615	22.70	24.5	0
		36 RB	0	1857.5	26115	22.11	23.5	0-1
				1882.5	26365	21.75	23.5	0-1
				1907.5	26615	21.86	23.5	0-1
			18	1857.5	26115	22.07	23.5	0-1
				1882.5	26365	21.69	23.5	0-1
				1907.5	26615	21.81	23.5	0-1
			37	1857.5	26115	21.87	23.5	0-1
				1882.5	26365	21.62	23.5	0-1
				1907.5	26615	21.73	23.5	0-1
		75RB		1857.5	26115	21.92	23.5	0-1
				1882.5	26365	21.70	23.5	0-1
				1907.5	26615	21.85	23.5	0-1
	16-QAM	1 RB	0	1857.5	26115	22.62	23.5	0-1
				1882.5	26365	22.26	23.5	0-1
				1907.5	26615	22.20	23.5	0-1
			36	1857.5	26115	22.24	23.5	0-1
				1882.5	26365	21.94	23.5	0-1
				1907.5	26615	21.99	23.5	0-1
			74	1857.5	26115	22.18	23.5	0-1
				1882.5	26365	21.95	23.5	0-1
				1907.5	26615	22.00	23.5	0-1
		36 RB	0	1857.5	26115	21.18	22.5	0-2
				1882.5	26365	20.85	22.5	0-2
				1907.5	26615	20.96	22.5	0-2
			18	1857.5	26115	21.12	22.5	0-2
				1882.5	26365	20.80	22.5	0-2
				1907.5	26615	20.87	22.5	0-2
			37	1857.5	26115	20.95	22.5	0-2
				1882.5	26365	20.73	22.5	0-2
				1907.5	26615	20.83	22.5	0-2
		75RB		1857.5	26115	21.04	22.5	0-2
				1882.5	26365	20.78	22.5	0-2
				1907.5	26615	20.88	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1857.5	26115	22.51	23.5	0-1
				1882.5	26365	22.15	23.5	0-1
				1907.5	26615	22.09	23.5	0-1
			36	1857.5	26115	22.13	23.5	0-1
				1882.5	26365	21.83	23.5	0-1
				1907.5	26615	21.88	23.5	0-1
			74	1857.5	26115	22.07	23.5	0-1
				1882.5	26365	21.84	23.5	0-1
				1907.5	26615	21.89	23.5	0-1
		36 RB	0	1857.5	26115	21.07	22.5	0-2
				1882.5	26365	20.74	22.5	0-2
				1907.5	26615	20.85	22.5	0-2
			18	1857.5	26115	21.01	22.5	0-2
				1882.5	26365	20.69	22.5	0-2
				1907.5	26615	20.76	22.5	0-2
			37	1857.5	26115	20.84	22.5	0-2
				1882.5	26365	20.62	22.5	0-2
				1907.5	26615	20.72	22.5	0-2
		75RB		1857.5	26115	20.93	22.5	0-2
				1882.5	26365	20.67	22.5	0-2
				1907.5	26615	20.77	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	26090	23.18	24.5	0
				1882.5	26365	22.72	24.5	0
				1910	26640	22.79	24.5	0
			25	1855	26090	22.94	24.5	0
				1882.5	26365	22.59	24.5	0
				1910	26640	22.67	24.5	0
			49	1855	26090	22.92	24.5	0
				1882.5	26365	22.53	24.5	0
				1910	26640	22.63	24.5	0
		25 RB	0	1855	26090	22.04	23.5	0-1
				1882.5	26365	21.70	23.5	0-1
				1910	26640	21.78	23.5	0-1
			12	1855	26090	22.00	23.5	0-1
				1882.5	26365	21.68	23.5	0-1
				1910	26640	21.74	23.5	0-1
			25	1855	26090	21.97	23.5	0-1
				1882.5	26365	21.60	23.5	0-1
				1910	26640	21.71	23.5	0-1
		50RB		1855	26090	22.01	23.5	0-1
				1882.5	26365	21.66	23.5	0-1
				1910	26640	21.73	23.5	0-1
	16-QAM	1 RB	0	1855	26090	22.44	23.5	0-1
				1882.5	26365	22.01	23.5	0-1
				1910	26640	22.06	23.5	0-1
			25	1855	26090	22.23	23.5	0-1
				1882.5	26365	21.90	23.5	0-1
				1910	26640	21.96	23.5	0-1
			49	1855	26090	22.17	23.5	0-1
				1882.5	26365	21.86	23.5	0-1
				1910	26640	21.91	23.5	0-1
		25 RB	0	1855	26090	21.15	22.5	0-2
				1882.5	26365	20.80	22.5	0-2
				1910	26640	20.85	22.5	0-2
			12	1855	26090	21.11	22.5	0-2
				1882.5	26365	20.77	22.5	0-2
				1910	26640	20.84	22.5	0-2
			25	1855	26090	21.05	22.5	0-2
				1882.5	26365	20.72	22.5	0-2
				1910	26640	20.81	22.5	0-2
		50RB		1855	26090	21.09	22.5	0-2
				1882.5	26365	20.75	22.5	0-2
				1910	26640	20.83	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1855	26090	22.32	23.5	0-1
				1882.5	26365	21.89	23.5	0-1
				1910	26640	21.94	23.5	0-1
			25	1855	26090	22.11	23.5	0-1
				1882.5	26365	21.78	23.5	0-1
				1910	26640	21.84	23.5	0-1
			49	1855	26090	22.05	23.5	0-1
				1882.5	26365	21.74	23.5	0-1
				1910	26640	21.79	23.5	0-1
		25 RB	0	1855	26090	21.03	22.5	0-2
				1882.5	26365	20.68	22.5	0-2
				1910	26640	20.73	22.5	0-2
			12	1855	26090	20.99	22.5	0-2
				1882.5	26365	20.65	22.5	0-2
				1910	26640	20.72	22.5	0-2
			25	1855	26090	20.93	22.5	0-2
				1882.5	26365	20.60	22.5	0-2
				1910	26640	20.69	22.5	0-2
		50RB		1855	26090	20.97	22.5	0-2
				1882.5	26365	20.63	22.5	0-2
				1910	26640	20.71	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	26065	23.12	24.5	0
				1882.5	26365	22.64	24.5	0
				1912.5	26665	22.72	24.5	0
			12	1852.5	26065	23.06	24.5	0
				1882.5	26365	22.60	24.5	0
				1912.5	26665	22.65	24.5	0
			24	1852.5	26065	22.93	24.5	0
				1882.5	26365	22.58	24.5	0
				1912.5	26665	22.65	24.5	0
		12 RB	0	1852.5	26065	22.13	23.5	0-1
				1882.5	26365	21.65	23.5	0-1
				1912.5	26665	21.74	23.5	0-1
			6	1852.5	26065	22.13	23.5	0-1
				1882.5	26365	21.64	23.5	0-1
				1912.5	26665	21.72	23.5	0-1
			13	1852.5	26065	21.98	23.5	0-1
				1882.5	26365	21.63	23.5	0-1
				1912.5	26665	21.69	23.5	0-1
		25RB		1852.5	26065	21.99	23.5	0-1
				1882.5	26365	21.66	23.5	0-1
				1912.5	26665	21.68	23.5	0-1
	16-QAM	1 RB	0	1852.5	26065	22.39	23.5	0-1
				1882.5	26365	21.95	23.5	0-1
				1912.5	26665	22.04	23.5	0-1
			12	1852.5	26065	22.34	23.5	0-1
				1882.5	26365	21.90	23.5	0-1
				1912.5	26665	21.97	23.5	0-1
			24	1852.5	26065	22.19	23.5	0-1
				1882.5	26365	21.85	23.5	0-1
				1912.5	26665	21.91	23.5	0-1
		12 RB	0	1852.5	26065	21.21	22.5	0-2
				1882.5	26365	20.79	22.5	0-2
				1912.5	26665	20.85	22.5	0-2
			6	1852.5	26065	21.21	22.5	0-2
				1882.5	26365	20.75	22.5	0-2
				1912.5	26665	20.84	22.5	0-2
			13	1852.5	26065	21.08	22.5	0-2
				1882.5	26365	20.71	22.5	0-2
				1912.5	26665	20.81	22.5	0-2
		25RB		1852.5	26065	21.06	22.5	0-2
				1882.5	26365	20.73	22.5	0-2
				1912.5	26665	20.80	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1852.5	26065	22.26	23.5	0-1
				1882.5	26365	21.82	23.5	0-1
				1912.5	26665	21.91	23.5	0-1
			12	1852.5	26065	22.21	23.5	0-1
				1882.5	26365	21.77	23.5	0-1
				1912.5	26665	21.84	23.5	0-1
			24	1852.5	26065	22.06	23.5	0-1
				1882.5	26365	21.72	23.5	0-1
				1912.5	26665	21.78	23.5	0-1
		12 RB	0	1852.5	26065	21.08	22.5	0-2
				1882.5	26365	20.66	22.5	0-2
				1912.5	26665	20.72	22.5	0-2
			6	1852.5	26065	21.08	22.5	0-2
				1882.5	26365	20.62	22.5	0-2
				1912.5	26665	20.71	22.5	0-2
			13	1852.5	26065	20.95	22.5	0-2
				1882.5	26365	20.58	22.5	0-2
				1912.5	26665	20.68	22.5	0-2
		25RB		1852.5	26065	20.93	22.5	0-2
				1882.5	26365	20.60	22.5	0-2
				1912.5	26665	20.67	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	26055	23.08	24.5	0
				1882.5	26365	22.61	24.5	0
				1913.5	26675	22.65	24.5	0
			7	1851.5	26055	23.16	24.5	0
				1882.5	26365	22.68	24.5	0
				1913.5	26675	22.72	24.5	0
			14	1851.5	26055	23.04	24.5	0
				1882.5	26365	22.60	24.5	0
				1913.5	26675	22.62	24.5	0
		8 RB	0	1851.5	26055	22.13	23.5	0-1
				1882.5	26365	21.63	23.5	0-1
				1913.5	26675	21.70	23.5	0-1
			4	1851.5	26055	22.13	23.5	0-1
				1882.5	26365	21.67	23.5	0-1
				1913.5	26675	21.70	23.5	0-1
			7	1851.5	26055	22.12	23.5	0-1
				1882.5	26365	21.64	23.5	0-1
				1913.5	26675	21.66	23.5	0-1
		15RB		1851.5	26055	22.10	23.5	0-1
				1882.5	26365	21.62	23.5	0-1
				1913.5	26675	21.68	23.5	0-1
	16-QAM	1 RB	0	1851.5	26055	22.36	23.5	0-1
				1882.5	26365	21.93	23.5	0-1
				1913.5	26675	21.99	23.5	0-1
			7	1851.5	26055	22.40	23.5	0-1
				1882.5	26365	22.01	23.5	0-1
				1913.5	26675	22.02	23.5	0-1
			14	1851.5	26055	22.25	23.5	0-1
				1882.5	26365	21.86	23.5	0-1
				1913.5	26675	21.82	23.5	0-1
		8 RB	0	1851.5	26055	21.23	22.5	0-2
				1882.5	26365	20.75	22.5	0-2
				1913.5	26675	20.84	22.5	0-2
			4	1851.5	26055	21.24	22.5	0-2
				1882.5	26365	20.79	22.5	0-2
				1913.5	26675	20.86	22.5	0-2
			7	1851.5	26055	21.22	22.5	0-2
				1882.5	26365	20.75	22.5	0-2
				1913.5	26675	20.81	22.5	0-2
		15RB		1851.5	26055	21.21	22.5	0-2
				1882.5	26365	20.70	22.5	0-2
				1913.5	26675	20.80	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	26055	22.24	23.5	0-1
				1882.5	26365	21.81	23.5	0-1
				1913.5	26675	21.87	23.5	0-1
			7	1851.5	26055	22.28	23.5	0-1
				1882.5	26365	21.89	23.5	0-1
				1913.5	26675	21.90	23.5	0-1
			14	1851.5	26055	22.13	23.5	0-1
				1882.5	26365	21.74	23.5	0-1
				1913.5	26675	21.70	23.5	0-1
		8 RB	0	1851.5	26055	21.11	22.5	0-2
				1882.5	26365	20.63	22.5	0-2
				1913.5	26675	20.72	22.5	0-2
			4	1851.5	26055	21.12	22.5	0-2
				1882.5	26365	20.67	22.5	0-2
				1913.5	26675	20.74	22.5	0-2
			7	1851.5	26055	21.10	22.5	0-2
				1882.5	26365	20.63	22.5	0-2
				1913.5	26675	20.69	22.5	0-2
		15RB		1851.5	26055	21.09	22.5	0-2
				1882.5	26365	20.58	22.5	0-2
				1913.5	26675	20.68	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	26047	22.99	24.5	0
				1882.5	26365	22.75	24.5	0
				1914.3	26683	22.55	24.5	0
			2	1850.7	26047	23.04	24.5	0
				1882.5	26365	22.80	24.5	0
				1914.3	26683	22.62	24.5	0
			5	1850.7	26047	23.00	24.5	0
				1882.5	26365	22.73	24.5	0
				1914.3	26683	22.58	24.5	0
		3 RB	0	1850.7	26047	23.03	24.5	0
				1882.5	26365	22.81	24.5	0
				1914.3	26683	22.60	24.5	0
			2	1850.7	26047	23.08	24.5	0
				1882.5	26365	22.83	24.5	0
				1914.3	26683	22.67	24.5	0
			3	1850.7	26047	23.06	24.5	0
				1882.5	26365	22.79	24.5	0
				1914.3	26683	22.65	24.5	0
		6RB		1850.7	26047	22.04	23.5	0-1
				1882.5	26365	21.78	23.5	0-1
				1914.3	26683	21.63	23.5	0-1
	16-QAM	1 RB	0	1850.7	26047	22.31	23.5	0-1
				1882.5	26365	22.06	23.5	0-1
				1914.3	26683	21.88	23.5	0-1
			2	1850.7	26047	22.37	23.5	0-1
				1882.5	26365	22.13	23.5	0-1
				1914.3	26683	21.91	23.5	0-1
			5	1850.7	26047	22.30	23.5	0-1
				1882.5	26365	22.05	23.5	0-1
				1914.3	26683	21.88	23.5	0-1
		3 RB	0	1850.7	26047	22.13	23.5	0-1
				1882.5	26365	21.85	23.5	0-1
				1914.3	26683	21.71	23.5	0-1
			2	1850.7	26047	22.15	23.5	0-1
				1882.5	26365	21.89	23.5	0-1
				1914.3	26683	21.74	23.5	0-1
			3	1850.7	26047	22.10	23.5	0-1
				1882.5	26365	21.83	23.5	0-1
				1914.3	26683	21.70	23.5	0-1
		6RB		1850.7	26047	21.19	22.5	0-2
				1882.5	26365	20.94	22.5	0-2
				1914.3	26683	20.80	22.5	0-2

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	26047	22.19	23.5	0-1
				1882.5	26365	21.94	23.5	0-1
				1914.3	26683	21.76	23.5	0-1
			2	1850.7	26047	22.25	23.5	0-1
				1882.5	26365	22.01	23.5	0-1
				1914.3	26683	21.79	23.5	0-1
			5	1850.7	26047	22.18	23.5	0-1
				1882.5	26365	21.93	23.5	0-1
				1914.3	26683	21.76	23.5	0-1
		3 RB	0	1850.7	26047	22.01	23.5	0-1
				1882.5	26365	21.73	23.5	0-1
				1914.3	26683	21.59	23.5	0-1
			2	1850.7	26047	22.03	23.5	0-1
				1882.5	26365	21.77	23.5	0-1
				1914.3	26683	21.62	23.5	0-1
			3	1850.7	26047	21.98	23.5	0-1
				1882.5	26365	21.71	23.5	0-1
				1914.3	26683	21.58	23.5	0-1
		6RB		1850.7	26047	21.07	22.5	0-2
				1882.5	26365	20.82	22.5	0-2
				1914.3	26683	20.68	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	821.5	26765	22.82	24.5	0
				831.5	26865	23.11	24.5	0
				841.5	26965	23.04	24.5	0
			36	821.5	26765	22.75	24.5	0
				831.5	26865	22.88	24.5	0
				841.5	26965	22.84	24.5	0
			74	821.5	26765	23.18	24.5	0
				831.5	26865	23.10	24.5	0
				841.5	26965	23.11	24.5	0
		36 RB	0	821.5	26765	21.66	23.5	0-1
				831.5	26865	21.82	23.5	0-1
				841.5	26965	21.74	23.5	0-1
			18	821.5	26765	21.53	23.5	0-1
				831.5	26865	21.63	23.5	0-1
				841.5	26965	21.60	23.5	0-1
			37	821.5	26765	21.67	23.5	0-1
				831.5	26865	21.75	23.5	0-1
				841.5	26965	21.69	23.5	0-1
		75RB		821.5	26765	21.72	23.5	0-1
				831.5	26865	21.73	23.5	0-1
				841.5	26965	21.81	23.5	0-1
	16-QAM	1 RB	0	821.5	26765	22.17	23.5	0-1
				831.5	26865	22.44	23.5	0-1
				841.5	26965	22.42	23.5	0-1
			36	821.5	26765	21.83	23.5	0-1
				831.5	26865	21.97	23.5	0-1
				841.5	26965	21.94	23.5	0-1
			74	821.5	26765	22.37	23.5	0-1
				831.5	26865	22.39	23.5	0-1
				841.5	26965	22.34	23.5	0-1
		36 RB	0	821.5	26765	20.76	22.5	0-2
				831.5	26865	20.93	22.5	0-2
				841.5	26965	20.86	22.5	0-2
			18	821.5	26765	20.61	22.5	0-2
				831.5	26865	20.78	22.5	0-2
				841.5	26965	20.68	22.5	0-2
			37	821.5	26765	20.77	22.5	0-2
				831.5	26865	20.89	22.5	0-2
				841.5	26965	20.82	22.5	0-2
		75RB		821.5	26765	20.82	22.5	0-2
				831.5	26865	20.86	22.5	0-2
				841.5	26965	20.88	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	821.5	26765	22.08	23.5	0-1
				831.5	26865	22.35	23.5	0-1
				841.5	26965	22.33	23.5	0-1
			36	821.5	26765	21.74	23.5	0-1
				831.5	26865	21.88	23.5	0-1
				841.5	26965	21.85	23.5	0-1
			74	821.5	26765	22.28	23.5	0-1
				831.5	26865	22.30	23.5	0-1
				841.5	26965	22.25	23.5	0-1
		36 RB	0	821.5	26765	20.67	22.5	0-2
				831.5	26865	20.84	22.5	0-2
				841.5	26965	20.77	22.5	0-2
			18	821.5	26765	20.52	22.5	0-2
				831.5	26865	20.69	22.5	0-2
				841.5	26965	20.59	22.5	0-2
			37	821.5	26765	20.68	22.5	0-2
				831.5	26865	20.80	22.5	0-2
				841.5	26965	20.73	22.5	0-2
		75RB		821.5	26765	20.73	22.5	0-2
				831.5	26865	20.77	22.5	0-2
				841.5	26965	20.79	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	819	26740	22.82	24.5	0
				831.5	26865	23.02	24.5	0
				844	26990	23.01	24.5	0
			25	819	26740	22.67	24.5	0
				831.5	26865	22.88	24.5	0
				844	26990	22.78	24.5	0
			49	819	26740	22.97	24.5	0
				831.5	26865	23.04	24.5	0
				844	26990	22.98	24.5	0
		25 RB	0	819	26740	21.57	23.5	0-1
				831.5	26865	21.80	23.5	0-1
				844	26990	21.67	23.5	0-1
			12	819	26740	21.50	23.5	0-1
				831.5	26865	21.62	23.5	0-1
				844	26990	21.51	23.5	0-1
			25	819	26740	21.62	23.5	0-1
				831.5	26865	21.67	23.5	0-1
				844	26990	21.67	23.5	0-1
		50RB		819	26740	21.72	23.5	0-1
				831.5	26865	21.69	23.5	0-1
				844	26990	21.76	23.5	0-1
	16-QAM	1 RB	0	819	26740	22.14	23.5	0-1
				831.5	26865	22.37	23.5	0-1
				844	26990	22.36	23.5	0-1
			25	819	26740	21.79	23.5	0-1
				831.5	26865	21.94	23.5	0-1
				844	26990	21.92	23.5	0-1
			49	819	26740	22.34	23.5	0-1
				831.5	26865	22.33	23.5	0-1
				844	26990	22.25	23.5	0-1
		25 RB	0	819	26740	20.67	22.5	0-2
				831.5	26865	20.91	22.5	0-2
				844	26990	20.84	22.5	0-2
			12	819	26740	20.58	22.5	0-2
				831.5	26865	20.76	22.5	0-2
				844	26990	20.62	22.5	0-2
			25	819	26740	20.76	22.5	0-2
				831.5	26865	20.83	22.5	0-2
				844	26990	20.77	22.5	0-2
		50RB		819	26740	20.77	22.5	0-2
				831.5	26865	20.86	22.5	0-2
				844	26990	20.86	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	819	26740	22.05	23.5	0-1
				831.5	26865	22.31	23.5	0-1
				844	26990	22.31	23.5	0-1
			25	819	26740	21.67	23.5	0-1
				831.5	26865	21.81	23.5	0-1
				844	26990	21.78	23.5	0-1
			49	819	26740	22.23	23.5	0-1
				831.5	26865	22.25	23.5	0-1
				844	26990	22.19	23.5	0-1
		25 RB	0	819	26740	20.62	22.5	0-2
				831.5	26865	20.79	22.5	0-2
				844	26990	20.69	22.5	0-2
			12	819	26740	20.50	22.5	0-2
				831.5	26865	20.67	22.5	0-2
				844	26990	20.53	22.5	0-2
			25	819	26740	20.59	22.5	0-2
				831.5	26865	20.71	22.5	0-2
				844	26990	20.72	22.5	0-2
		50RB		819	26740	20.73	22.5	0-2
				831.5	26865	20.73	22.5	0-2
				844	26990	20.74	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	816.5	26715	22.78	24.5	0
				831.5	26865	23.05	24.5	0
				846.5	27015	23.02	24.5	0
			12	816.5	26715	22.66	24.5	0
				831.5	26865	22.79	24.5	0
				846.5	27015	22.86	24.5	0
			24	816.5	26715	23.01	24.5	0
				831.5	26865	23.02	24.5	0
				846.5	27015	23.01	24.5	0
		12 RB	0	816.5	26715	21.60	23.5	0-1
				831.5	26865	21.79	23.5	0-1
				846.5	27015	21.66	23.5	0-1
			6	816.5	26715	21.53	23.5	0-1
				831.5	26865	21.59	23.5	0-1
				846.5	27015	21.56	23.5	0-1
			13	816.5	26715	21.61	23.5	0-1
				831.5	26865	21.74	23.5	0-1
				846.5	27015	21.65	23.5	0-1
		25RB		816.5	26715	21.63	23.5	0-1
				831.5	26865	21.65	23.5	0-1
				846.5	27015	21.71	23.5	0-1
	16-QAM	1 RB	0	816.5	26715	22.15	23.5	0-1
				831.5	26865	22.38	23.5	0-1
				846.5	27015	22.33	23.5	0-1
			12	816.5	26715	21.75	23.5	0-1
				831.5	26865	21.88	23.5	0-1
				846.5	27015	21.94	23.5	0-1
			24	816.5	26715	22.36	23.5	0-1
				831.5	26865	22.31	23.5	0-1
				846.5	27015	22.31	23.5	0-1
		12 RB	0	816.5	26715	20.70	22.5	0-2
				831.5	26865	20.84	22.5	0-2
				846.5	27015	20.79	22.5	0-2
			6	816.5	26715	20.60	22.5	0-2
				831.5	26865	20.73	22.5	0-2
				846.5	27015	20.67	22.5	0-2
			13	816.5	26715	20.69	22.5	0-2
				831.5	26865	20.79	22.5	0-2
				846.5	27015	20.81	22.5	0-2
		25RB		816.5	26715	20.79	22.5	0-2
				831.5	26865	20.79	22.5	0-2
				846.5	27015	20.88	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	816.5	26715	22.05	23.5	0-1
				831.5	26865	22.26	23.5	0-1
				846.5	27015	22.33	23.5	0-1
			12	816.5	26715	21.73	23.5	0-1
				831.5	26865	21.82	23.5	0-1
				846.5	27015	21.84	23.5	0-1
			24	816.5	26715	22.20	23.5	0-1
				831.5	26865	22.28	23.5	0-1
				846.5	27015	22.18	23.5	0-1
		12 RB	0	816.5	26715	20.66	22.5	0-2
				831.5	26865	20.75	22.5	0-2
				846.5	27015	20.72	22.5	0-2
			6	816.5	26715	20.53	22.5	0-2
				831.5	26865	20.59	22.5	0-2
				846.5	27015	20.53	22.5	0-2
			13	816.5	26715	20.61	22.5	0-2
				831.5	26865	20.75	22.5	0-2
				846.5	27015	20.65	22.5	0-2
		25RB		816.5	26715	20.64	22.5	0-2
				831.5	26865	20.75	22.5	0-2
				846.5	27015	20.75	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	815.5	26705	22.82	24.5	0
				831.5	26865	23.06	24.5	0
				847.5	27025	23.02	24.5	0
			7	815.5	26705	22.67	24.5	0
				831.5	26865	22.84	24.5	0
				847.5	27025	22.88	24.5	0
			14	815.5	26705	23.00	24.5	0
				831.5	26865	23.10	24.5	0
				847.5	27025	23.03	24.5	0
		8 RB	0	815.5	26705	21.61	23.5	0-1
				831.5	26865	21.82	23.5	0-1
				847.5	27025	21.68	23.5	0-1
			4	815.5	26705	21.55	23.5	0-1
				831.5	26865	21.60	23.5	0-1
				847.5	27025	21.50	23.5	0-1
			7	815.5	26705	21.65	23.5	0-1
				831.5	26865	21.69	23.5	0-1
				847.5	27025	21.69	23.5	0-1
		15RB		815.5	26705	21.71	23.5	0-1
				831.5	26865	21.70	23.5	0-1
				847.5	27025	21.77	23.5	0-1
	16-QAM	1 RB	0	815.5	26705	22.14	23.5	0-1
				831.5	26865	22.37	23.5	0-1
				847.5	27025	22.34	23.5	0-1
			7	815.5	26705	21.77	23.5	0-1
				831.5	26865	21.92	23.5	0-1
				847.5	27025	21.94	23.5	0-1
			14	815.5	26705	22.34	23.5	0-1
				831.5	26865	22.32	23.5	0-1
				847.5	27025	22.34	23.5	0-1
		8 RB	0	815.5	26705	20.73	22.5	0-2
				831.5	26865	20.84	22.5	0-2
				847.5	27025	20.81	22.5	0-2
			4	815.5	26705	20.56	22.5	0-2
				831.5	26865	20.74	22.5	0-2
				847.5	27025	20.66	22.5	0-2
			7	815.5	26705	20.72	22.5	0-2
				831.5	26865	20.86	22.5	0-2
				847.5	27025	20.78	22.5	0-2
		15RB		815.5	26705	20.79	22.5	0-2
				831.5	26865	20.77	22.5	0-2
				847.5	27025	20.80	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	815.5	26705	22.04	23.5	0-1
				831.5	26865	22.25	23.5	0-1
				847.5	27025	22.27	23.5	0-1
			7	815.5	26705	21.69	23.5	0-1
				831.5	26865	21.87	23.5	0-1
				847.5	27025	21.84	23.5	0-1
			14	815.5	26705	22.27	23.5	0-1
				831.5	26865	22.28	23.5	0-1
				847.5	27025	22.20	23.5	0-1
		8 RB	0	815.5	26705	20.62	22.5	0-2
				831.5	26865	20.76	22.5	0-2
				847.5	27025	20.70	22.5	0-2
			4	815.5	26705	20.52	22.5	0-2
				831.5	26865	20.67	22.5	0-2
				847.5	27025	20.61	22.5	0-2
			7	815.5	26705	20.59	22.5	0-2
				831.5	26865	20.73	22.5	0-2
				847.5	27025	20.70	22.5	0-2
		15RB		815.5	26705	20.68	22.5	0-2
				831.5	26865	20.73	22.5	0-2
				847.5	27025	20.72	22.5	0-2

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FDD Band 26								
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1.4	QPSK	1 RB	0	814.7	26697	23.02	24.5	0
				831.5	26865	22.93	24.5	0
				848.3	27033	22.93	24.5	0
			2	814.7	26697	22.59	24.5	0
				831.5	26865	22.70	24.5	0
				848.3	27033	22.63	24.5	0
			5	814.7	26697	22.99	24.5	0
				831.5	26865	22.81	24.5	0
				848.3	27033	23.03	24.5	0
		3 RB	0	814.7	26697	22.98	24.5	0
				831.5	26865	22.87	24.5	0
				848.3	27033	22.90	24.5	0
			2	814.7	26697	22.80	24.5	0
				831.5	26865	22.83	24.5	0
				848.3	27033	22.73	24.5	0
			3	814.7	26697	22.76	24.5	0
				831.5	26865	22.90	24.5	0
				848.3	27033	22.60	24.5	0
		6RB		814.7	26697	21.69	23.5	0-1
				831.5	26865	21.88	23.5	0-1
				848.3	27033	21.82	23.5	0-1
	16-QAM	1 RB	0	814.7	26697	22.46	23.5	0-1
				831.5	26865	22.40	23.5	0-1
				848.3	27033	22.37	23.5	0-1
			2	814.7	26697	22.09	23.5	0-1
				831.5	26865	22.10	23.5	0-1
				848.3	27033	22.01	23.5	0-1
			5	814.7	26697	22.46	23.5	0-1
				831.5	26865	22.27	23.5	0-1
				848.3	27033	22.48	23.5	0-1
		3 RB	0	814.7	26697	22.36	23.5	0-1
				831.5	26865	22.22	23.5	0-1
				848.3	27033	22.43	23.5	0-1
			2	814.7	26697	22.30	23.5	0-1
				831.5	26865	22.28	23.5	0-1
				848.3	27033	22.19	23.5	0-1
			3	814.7	26697	22.19	23.5	0-1
				831.5	26865	22.39	23.5	0-1
				848.3	27033	22.11	23.5	0-1
		6RB		814.7	26697	21.14	22.5	0-2
				831.5	26865	21.35	22.5	0-2
				848.3	27033	21.21	22.5	0-2

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FDD Band 26								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	814.7	26697	22.41	23.5	0-1
				831.5	26865	22.32	23.5	0-1
				848.3	27033	22.28	23.5	0-1
			2	814.7	26697	22.01	23.5	0-1
				831.5	26865	22.14	23.5	0-1
				848.3	27033	22.07	23.5	0-1
			5	814.7	26697	22.48	23.5	0-1
				831.5	26865	22.34	23.5	0-1
				848.3	27033	22.47	23.5	0-1
		3 RB	0	814.7	26697	22.42	23.5	0-1
				831.5	26865	22.27	23.5	0-1
				848.3	27033	22.44	23.5	0-1
			2	814.7	26697	22.24	23.5	0-1
				831.5	26865	22.25	23.5	0-1
				848.3	27033	22.20	23.5	0-1
			3	814.7	26697	22.15	23.5	0-1
				831.5	26865	22.40	23.5	0-1
				848.3	27033	21.99	23.5	0-1
		6RB		814.7	26697	21.14	22.5	0-2
				831.5	26865	21.22	22.5	0-2
				848.3	27033	21.14	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	132072	23.31	24.5	0
				1745	132322	23.54	24.5	0
				1770	132572	23.68	24.5	0
			50	1720	132072	23.02	24.5	0
				1745	132322	23.10	24.5	0
				1770	132572	23.25	24.5	0
			99	1720	132072	23.05	24.5	0
				1745	132322	23.07	24.5	0
				1770	132572	23.38	24.5	0
		50 RB	0	1720	132072	22.19	23.5	0-1
				1745	132322	22.34	23.5	0-1
				1770	132572	22.51	23.5	0-1
			25	1720	132072	22.09	23.5	0-1
				1745	132322	22.20	23.5	0-1
				1770	132572	22.37	23.5	0-1
			50	1720	132072	22.01	23.5	0-1
				1745	132322	22.16	23.5	0-1
				1770	132572	22.39	23.5	0-1
		100RB		1720	132072	22.07	23.5	0-1
				1745	132322	22.24	23.5	0-1
				1770	132572	22.36	23.5	0-1
	16-QAM	1 RB	0	1720	132072	22.59	23.5	0-1
				1745	132322	22.69	23.5	0-1
				1770	132572	22.85	23.5	0-1
			50	1720	132072	22.38	23.5	0-1
				1745	132322	22.40	23.5	0-1
				1770	132572	22.63	23.5	0-1
			99	1720	132072	22.25	23.5	0-1
				1745	132322	22.42	23.5	0-1
				1770	132572	22.75	23.5	0-1
		50 RB	0	1720	132072	21.32	22.5	0-2
				1745	132322	21.41	22.5	0-2
				1770	132572	21.61	22.5	0-2
			25	1720	132072	21.17	22.5	0-2
				1745	132322	21.31	22.5	0-2
				1770	132572	21.49	22.5	0-2
			50	1720	132072	21.10	22.5	0-2
				1745	132322	21.24	22.5	0-2
				1770	132572	21.46	22.5	0-2
		100RB		1720	132072	21.19	22.5	0-2
				1745	132322	21.34	22.5	0-2
				1770	132572	21.43	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1720	132072	22.48	23.5	0-1
				1745	132322	22.58	23.5	0-1
				1770	132572	22.74	23.5	0-1
			50	1720	132072	22.27	23.5	0-1
				1745	132322	22.29	23.5	0-1
				1770	132572	22.52	23.5	0-1
			99	1720	132072	22.14	23.5	0-1
				1745	132322	22.31	23.5	0-1
				1770	132572	22.64	23.5	0-1
		50 RB	0	1720	132072	21.21	22.5	0-2
				1745	132322	21.30	22.5	0-2
				1770	132572	21.50	22.5	0-2
			25	1720	132072	21.06	22.5	0-2
				1745	132322	21.20	22.5	0-2
				1770	132572	21.38	22.5	0-2
			50	1720	132072	21.01	22.5	0-2
				1745	132322	21.13	22.5	0-2
				1770	132572	21.35	22.5	0-2
		100RB		1720	132072	21.08	22.5	0-2
				1745	132322	21.23	22.5	0-2
				1770	132572	21.32	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	132047	23.25	24.5	0
				1745	132322	23.28	24.5	0
				1772.5	132597	23.50	24.5	0
			36	1717.5	132047	23.00	24.5	0
				1745	132322	23.13	24.5	0
				1772.5	132597	23.35	24.5	0
			74	1717.5	132047	23.01	24.5	0
				1745	132322	23.11	24.5	0
				1772.5	132597	23.41	24.5	0
		36 RB	0	1717.5	132047	22.16	23.5	0-1
				1745	132322	22.25	23.5	0-1
				1772.5	132597	22.44	23.5	0-1
			18	1717.5	132047	22.10	23.5	0-1
				1745	132322	22.19	23.5	0-1
				1772.5	132597	22.36	23.5	0-1
			37	1717.5	132047	22.06	23.5	0-1
				1745	132322	22.13	23.5	0-1
				1772.5	132597	22.33	23.5	0-1
		75RB		1717.5	132047	22.09	23.5	0-1
				1745	132322	22.20	23.5	0-1
				1772.5	132597	22.32	23.5	0-1
	16-QAM	1 RB	0	1717.5	132047	22.53	23.5	0-1
				1745	132322	22.64	23.5	0-1
				1772.5	132597	22.87	23.5	0-1
			36	1717.5	132047	22.37	23.5	0-1
				1745	132322	22.45	23.5	0-1
				1772.5	132597	22.79	23.5	0-1
			74	1717.5	132047	22.37	23.5	0-1
				1745	132322	22.42	23.5	0-1
				1772.5	132597	22.76	23.5	0-1
		36 RB	0	1717.5	132047	21.26	22.5	0-2
				1745	132322	21.34	22.5	0-2
				1772.5	132597	21.55	22.5	0-2
			18	1717.5	132047	21.18	22.5	0-2
				1745	132322	21.29	22.5	0-2
				1772.5	132597	21.49	22.5	0-2
			37	1717.5	132047	21.10	22.5	0-2
				1745	132322	21.24	22.5	0-2
				1772.5	132597	21.44	22.5	0-2
		75RB		1717.5	132047	21.17	22.5	0-2
				1745	132322	21.28	22.5	0-2
				1772.5	132597	21.44	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1717.5	132047	22.44	23.5	0-1
				1745	132322	22.55	23.5	0-1
				1772.5	132597	22.78	23.5	0-1
			36	1717.5	132047	22.28	23.5	0-1
				1745	132322	22.36	23.5	0-1
				1772.5	132597	22.70	23.5	0-1
			74	1717.5	132047	22.28	23.5	0-1
				1745	132322	22.33	23.5	0-1
				1772.5	132597	22.67	23.5	0-1
		36 RB	0	1717.5	132047	21.17	22.5	0-2
				1745	132322	21.25	22.5	0-2
				1772.5	132597	21.46	22.5	0-2
			18	1717.5	132047	21.09	22.5	0-2
				1745	132322	21.20	22.5	0-2
				1772.5	132597	21.40	22.5	0-2
			37	1717.5	132047	21.01	22.5	0-2
				1745	132322	21.15	22.5	0-2
				1772.5	132597	21.35	22.5	0-2
		75RB		1717.5	132047	21.08	22.5	0-2
				1745	132322	21.19	22.5	0-2
				1772.5	132597	21.35	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	132022	23.15	24.5	0
				1745	132322	23.16	24.5	0
				1775	132622	23.38	24.5	0
			25	1715	132022	23.02	24.5	0
				1745	132322	23.11	24.5	0
				1775	132622	23.34	24.5	0
			49	1715	132022	23.04	24.5	0
				1745	132322	23.07	24.5	0
				1775	132622	23.33	24.5	0
		25 RB	0	1715	132022	22.10	23.5	0-1
				1745	132322	22.19	23.5	0-1
				1775	132622	22.35	23.5	0-1
			12	1715	132022	22.06	23.5	0-1
				1745	132322	22.18	23.5	0-1
				1775	132622	22.37	23.5	0-1
			25	1715	132022	22.03	23.5	0-1
				1745	132322	22.14	23.5	0-1
				1775	132622	22.34	23.5	0-1
		50RB		1715	132022	22.07	23.5	0-1
				1745	132322	22.21	23.5	0-1
				1775	132622	22.41	23.5	0-1
	16-QAM	1 RB	0	1715	132022	22.46	23.5	0-1
				1745	132322	22.53	23.5	0-1
				1775	132622	22.76	23.5	0-1
			25	1715	132022	22.36	23.5	0-1
				1745	132322	22.44	23.5	0-1
				1775	132622	22.62	23.5	0-1
			49	1715	132022	22.35	23.5	0-1
				1745	132322	22.39	23.5	0-1
				1775	132622	22.72	23.5	0-1
		25 RB	0	1715	132022	21.22	22.5	0-2
				1745	132322	21.31	22.5	0-2
				1775	132622	21.48	22.5	0-2
			12	1715	132022	21.19	22.5	0-2
				1745	132322	21.29	22.5	0-2
				1775	132622	21.47	22.5	0-2
			25	1715	132022	21.13	22.5	0-2
				1745	132322	21.24	22.5	0-2
				1775	132622	21.41	22.5	0-2
		50RB		1715	132022	21.14	22.5	0-2
				1745	132322	21.26	22.5	0-2
				1775	132622	21.49	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	132022	22.35	23.5	0-1
				1745	132322	22.42	23.5	0-1
				1775	132622	22.65	23.5	0-1
			25	1715	132022	22.25	23.5	0-1
				1745	132322	22.33	23.5	0-1
				1775	132622	22.51	23.5	0-1
			49	1715	132022	22.24	23.5	0-1
				1745	132322	22.28	23.5	0-1
				1775	132622	22.61	23.5	0-1
		25 RB	0	1715	132022	21.11	22.5	0-2
				1745	132322	21.20	22.5	0-2
				1775	132622	21.37	22.5	0-2
			12	1715	132022	21.08	22.5	0-2
				1745	132322	21.18	22.5	0-2
				1775	132622	21.36	22.5	0-2
			25	1715	132022	21.02	22.5	0-2
				1745	132322	21.13	22.5	0-2
				1775	132622	21.30	22.5	0-2
		50RB		1715	132022	21.03	22.5	0-2
				1745	132322	21.15	22.5	0-2
				1775	132622	21.38	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	131997	23.06	24.5	0
				1745	132322	23.08	24.5	0
				1777.5	132647	23.41	24.5	0
			12	1712.5	131997	23.01	24.5	0
				1745	132322	23.09	24.5	0
				1777.5	132647	23.39	24.5	0
			24	1712.5	131997	23.02	24.5	0
				1745	132322	23.08	24.5	0
				1777.5	132647	23.37	24.5	0
		12 RB	0	1712.5	131997	22.08	23.5	0-1
				1745	132322	22.18	23.5	0-1
				1777.5	132647	22.36	23.5	0-1
			6	1712.5	131997	22.05	23.5	0-1
				1745	132322	22.16	23.5	0-1
				1777.5	132647	22.44	23.5	0-1
			13	1712.5	131997	22.03	23.5	0-1
				1745	132322	22.16	23.5	0-1
				1777.5	132647	22.41	23.5	0-1
		25RB		1712.5	131997	22.02	23.5	0-1
				1745	132322	22.16	23.5	0-1
				1777.5	132647	22.34	23.5	0-1
	16-QAM	1 RB	0	1712.5	131997	22.34	23.5	0-1
				1745	132322	22.41	23.5	0-1
				1777.5	132647	22.75	23.5	0-1
			12	1712.5	131997	22.33	23.5	0-1
				1745	132322	22.41	23.5	0-1
				1777.5	132647	22.69	23.5	0-1
			24	1712.5	131997	22.33	23.5	0-1
				1745	132322	22.39	23.5	0-1
				1777.5	132647	22.74	23.5	0-1
		12 RB	0	1712.5	131997	21.18	22.5	0-2
				1745	132322	21.30	22.5	0-2
				1777.5	132647	21.48	22.5	0-2
			6	1712.5	131997	21.18	22.5	0-2
				1745	132322	21.26	22.5	0-2
				1777.5	132647	21.57	22.5	0-2
			13	1712.5	131997	21.12	22.5	0-2
				1745	132322	21.21	22.5	0-2
				1777.5	132647	21.50	22.5	0-2
		25RB		1712.5	131997	21.14	22.5	0-2
				1745	132322	21.24	22.5	0-2
				1777.5	132647	21.45	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1712.5	131997	22.22	23.5	0-1
				1745	132322	22.29	23.5	0-1
				1777.5	132647	22.63	23.5	0-1
			12	1712.5	131997	22.21	23.5	0-1
				1745	132322	22.29	23.5	0-1
				1777.5	132647	22.57	23.5	0-1
			24	1712.5	131997	22.21	23.5	0-1
				1745	132322	22.27	23.5	0-1
				1777.5	132647	22.62	23.5	0-1
		12 RB	0	1712.5	131997	21.06	22.5	0-2
				1745	132322	21.18	22.5	0-2
				1777.5	132647	21.36	22.5	0-2
			6	1712.5	131997	21.06	22.5	0-2
				1745	132322	21.14	22.5	0-2
				1777.5	132647	21.45	22.5	0-2
			13	1712.5	131997	21.00	22.5	0-2
				1745	132322	21.09	22.5	0-2
				1777.5	132647	21.38	22.5	0-2
		25RB		1712.5	131997	21.02	22.5	0-2
				1745	132322	21.12	22.5	0-2
				1777.5	132647	21.33	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	131987	23.02	24.5	0
				1745	132322	23.03	24.5	0
				1778.5	132657	23.42	24.5	0
			7	1711.5	131987	23.08	24.5	0
				1745	132322	23.18	24.5	0
				1778.5	132657	23.48	24.5	0
			14	1711.5	131987	23.01	24.5	0
				1745	132322	23.06	24.5	0
				1778.5	132657	23.35	24.5	0
		8 RB	0	1711.5	131987	22.05	23.5	0-1
				1745	132322	22.16	23.5	0-1
				1778.5	132657	22.40	23.5	0-1
			4	1711.5	131987	22.05	23.5	0-1
				1745	132322	22.15	23.5	0-1
				1778.5	132657	22.43	23.5	0-1
			7	1711.5	131987	22.00	23.5	0-1
				1745	132322	22.13	23.5	0-1
				1778.5	132657	22.37	23.5	0-1
		15RB		1711.5	131987	22.01	23.5	0-1
				1745	132322	22.11	23.5	0-1
				1778.5	132657	22.42	23.5	0-1
	16-QAM	1 RB	0	1711.5	131987	22.27	23.5	0-1
				1745	132322	22.36	23.5	0-1
				1778.5	132657	22.70	23.5	0-1
			7	1711.5	131987	22.37	23.5	0-1
				1745	132322	22.49	23.5	0-1
				1778.5	132657	22.82	23.5	0-1
			14	1711.5	131987	22.29	23.5	0-1
				1745	132322	22.41	23.5	0-1
				1778.5	132657	22.65	23.5	0-1
		8 RB	0	1711.5	131987	21.18	22.5	0-2
				1745	132322	21.26	22.5	0-2
				1778.5	132657	21.58	22.5	0-2
			4	1711.5	131987	21.19	22.5	0-2
				1745	132322	21.31	22.5	0-2
				1778.5	132657	21.55	22.5	0-2
			7	1711.5	131987	21.14	22.5	0-2
				1745	132322	21.25	22.5	0-2
				1778.5	132657	21.54	22.5	0-2
		15RB		1711.5	131987	21.10	22.5	0-2
				1745	132322	21.23	22.5	0-2
				1778.5	132657	21.51	22.5	0-2

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FDD Band 66								
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3	64-QAM	1 RB	0	1711.5	131987	22.13	23.5	0-1
				1745	132322	22.22	23.5	0-1
				1778.5	132657	22.56	23.5	0-1
			7	1711.5	131987	22.23	23.5	0-1
				1745	132322	22.35	23.5	0-1
				1778.5	132657	22.68	23.5	0-1
			14	1711.5	131987	22.15	23.5	0-1
				1745	132322	22.27	23.5	0-1
				1778.5	132657	22.51	23.5	0-1
		8 RB	0	1711.5	131987	21.04	22.5	0-2
				1745	132322	21.12	22.5	0-2
				1778.5	132657	21.44	22.5	0-2
			4	1711.5	131987	21.05	22.5	0-2
				1745	132322	21.17	22.5	0-2
				1778.5	132657	21.41	22.5	0-2
			7	1711.5	131987	21.00	22.5	0-2
				1745	132322	21.11	22.5	0-2
				1778.5	132657	21.40	22.5	0-2
		15RB		1711.5	131987	21.00	22.5	0-2
				1745	132322	21.09	22.5	0-2
				1778.5	132657	21.37	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	131979	23.02	24.5	0
				1745	132322	23.04	24.5	0
				1779.3	132665	23.31	24.5	0
			2	1710.7	131979	23.07	24.5	0
				1745	132322	23.10	24.5	0
				1779.3	132665	23.38	24.5	0
			5	1710.7	131979	23.01	24.5	0
				1745	132322	23.03	24.5	0
				1779.3	132665	23.30	24.5	0
		3 RB	0	1710.7	131979	23.06	24.5	0
				1745	132322	23.07	24.5	0
				1779.3	132665	23.34	24.5	0
			2	1710.7	131979	23.01	24.5	0
				1745	132322	23.10	24.5	0
				1779.3	132665	23.40	24.5	0
			3	1710.7	131979	23.02	24.5	0
				1745	132322	23.05	24.5	0
				1779.3	132665	23.36	24.5	0
		6RB		1710.7	131979	22.01	23.5	0-1
				1745	132322	22.06	23.5	0-1
				1779.3	132665	22.34	23.5	0-1
	16-QAM	1 RB	0	1710.7	131979	22.19	23.5	0-1
				1745	132322	22.37	23.5	0-1
				1779.3	132665	22.66	23.5	0-1
			2	1710.7	131979	22.27	23.5	0-1
				1745	132322	22.41	23.5	0-1
				1779.3	132665	22.68	23.5	0-1
			5	1710.7	131979	22.20	23.5	0-1
				1745	132322	22.35	23.5	0-1
				1779.3	132665	22.65	23.5	0-1
		3 RB	0	1710.7	131979	22.03	23.5	0-1
				1745	132322	22.17	23.5	0-1
				1779.3	132665	22.47	23.5	0-1
			2	1710.7	131979	22.04	23.5	0-1
				1745	132322	22.20	23.5	0-1
				1779.3	132665	22.52	23.5	0-1
			3	1710.7	131979	22.02	23.5	0-1
				1745	132322	22.15	23.5	0-1
				1779.3	132665	22.45	23.5	0-1
		6RB		1710.7	131979	21.10	22.5	0-2
				1745	132322	21.24	22.5	0-2
				1779.3	132665	21.52	22.5	0-2

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	131979	22.08	23.5	0-1
				1745	132322	22.26	23.5	0-1
				1779.3	132665	22.55	23.5	0-1
			2	1710.7	131979	22.16	23.5	0-1
				1745	132322	22.30	23.5	0-1
				1779.3	132665	22.57	23.5	0-1
			5	1710.7	131979	22.09	23.5	0-1
				1745	132322	22.24	23.5	0-1
				1779.3	132665	22.54	23.5	0-1
		3 RB	0	1710.7	131979	22.02	23.5	0-1
				1745	132322	22.06	23.5	0-1
				1779.3	132665	22.36	23.5	0-1
			2	1710.7	131979	22.05	23.5	0-1
				1745	132322	22.09	23.5	0-1
				1779.3	132665	22.41	23.5	0-1
			3	1710.7	131979	22.03	23.5	0-1
				1745	132322	22.04	23.5	0-1
				1779.3	132665	22.34	23.5	0-1
		6RB		1710.7	131979	21.02	22.5	0-2
				1745	132322	21.13	22.5	0-2
				1779.3	132665	21.41	22.5	0-2

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LTE TDD Band 38 / Band 41 power table (Full power):

TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2580	37850	23.21	24.5	0
				2595	38000	23.28	24.5	0
				2610	38150	23.35	24.5	0
			50	2580	37850	23.17	24.5	0
				2595	38000	23.12	24.5	0
				2610	38150	23.15	24.5	0
			99	2580	37850	23.16	24.5	0
				2595	38000	23.24	24.5	0
				2610	38150	23.18	24.5	0
		50 RB	0	2580	37850	22.29	23.5	0-1
				2595	38000	22.35	23.5	0-1
				2610	38150	22.31	23.5	0-1
			25	2580	37850	22.33	23.5	0-1
				2595	38000	22.23	23.5	0-1
				2610	38150	22.29	23.5	0-1
			50	2580	37850	22.2	23.5	0-1
				2595	38000	22.23	23.5	0-1
				2610	38150	22.27	23.5	0-1
		100RB		2580	37850	22.32	23.5	0-1
				2595	38000	22.26	23.5	0-1
				2610	38150	22.28	23.5	0-1
	16-QAM	1 RB	0	2580	37850	22.54	23.5	0-1
				2595	38000	22.62	23.5	0-1
				2610	38150	22.68	23.5	0-1
			50	2580	37850	22.28	23.5	0-1
				2595	38000	22.21	23.5	0-1
				2610	38150	22.44	23.5	0-1
			99	2580	37850	22.06	23.5	0-1
				2595	38000	22.25	23.5	0-1
				2610	38150	22.41	23.5	0-1
		50 RB	0	2580	37850	21.45	22.5	0-2
				2595	38000	21.49	22.5	0-2
				2610	38150	21.46	22.5	0-2
			25	2580	37850	21.43	22.5	0-2
				2595	38000	21.35	22.5	0-2
				2610	38150	21.41	22.5	0-2
			50	2580	37850	21.29	22.5	0-2
				2595	38000	21.23	22.5	0-2
				2610	38150	21.29	22.5	0-2
		100RB		2580	37850	21.39	22.5	0-2
				2595	38000	21.33	22.5	0-2
				2610	38150	21.38	22.5	0-2

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2580	37850	22.43	23.5	0-1
				2595	38000	22.51	23.5	0-1
				2610	38150	22.57	23.5	0-1
			50	2580	37850	22.07	23.5	0-1
				2595	38000	22.20	23.5	0-1
				2610	38150	22.33	23.5	0-1
			99	2580	37850	21.95	23.5	0-1
				2595	38000	22.04	23.5	0-1
				2610	38150	22.30	23.5	0-1
		50 RB	0	2580	37850	21.34	22.5	0-2
				2595	38000	21.38	22.5	0-2
				2610	38150	21.35	22.5	0-2
			25	2580	37850	21.32	22.5	0-2
				2595	38000	21.24	22.5	0-2
				2610	38150	21.30	22.5	0-2
			50	2580	37850	21.26	22.5	0-2
				2595	38000	21.22	22.5	0-2
				2610	38150	21.28	22.5	0-2
		100RB		2580	37850	21.28	22.5	0-2
				2595	38000	21.22	22.5	0-2
				2610	38150	21.27	22.5	0-2

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2577.5	37825	23.17	24.5	0
				2595	38000	23.18	24.5	0
				2612.5	38175	23.29	24.5	0
			36	2577.5	37825	23.16	24.5	0
				2595	38000	23.04	24.5	0
				2612.5	38175	23.05	24.5	0
			74	2577.5	37825	22.99	24.5	0
				2595	38000	22.95	24.5	0
				2612.5	38175	23.07	24.5	0
		36 RB	0	2577.5	37825	22.23	23.5	0-1
				2595	38000	22.34	23.5	0-1
				2612.5	38175	22.25	23.5	0-1
			18	2577.5	37825	22.25	23.5	0-1
				2595	38000	22.21	23.5	0-1
				2612.5	38175	22.21	23.5	0-1
			37	2577.5	37825	22.14	23.5	0-1
				2595	38000	22.19	23.5	0-1
				2612.5	38175	22.23	23.5	0-1
			75RB	2577.5	37825	22.31	23.5	0-1
				2595	38000	22.19	23.5	0-1
				2612.5	38175	22.23	23.5	0-1
	16-QAM	1 RB	0	2577.5	37825	22.53	23.5	0-1
				2595	38000	22.55	23.5	0-1
				2612.5	38175	22.63	23.5	0-1
			36	2577.5	37825	22.23	23.5	0-1
				2595	38000	22.17	23.5	0-1
				2612.5	38175	22.40	23.5	0-1
			74	2577.5	37825	21.97	23.5	0-1
				2595	38000	22.16	23.5	0-1
				2612.5	38175	22.40	23.5	0-1
		36 RB	0	2577.5	37825	21.36	22.5	0-2
				2595	38000	21.41	22.5	0-2
				2612.5	38175	21.37	22.5	0-2
			18	2577.5	37825	21.34	22.5	0-2
				2595	38000	21.28	22.5	0-2
				2612.5	38175	21.36	22.5	0-2
			37	2577.5	37825	21.21	22.5	0-2
				2595	38000	21.19	22.5	0-2
				2612.5	38175	21.27	22.5	0-2
			75RB	2577.5	37825	21.31	22.5	0-2
				2595	38000	21.32	22.5	0-2
				2612.5	38175	21.31	22.5	0-2

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2577.5	37825	22.40	23.5	0-1
				2595	38000	22.43	23.5	0-1
				2612.5	38175	22.53	23.5	0-1
			36	2577.5	37825	22.06	23.5	0-1
				2595	38000	22.13	23.5	0-1
				2612.5	38175	22.30	23.5	0-1
			74	2577.5	37825	21.92	23.5	0-1
				2595	38000	21.95	23.5	0-1
				2612.5	38175	22.29	23.5	0-1
		36 RB	0	2577.5	37825	21.31	22.5	0-2
				2595	38000	21.34	22.5	0-2
				2612.5	38175	21.27	22.5	0-2
			18	2577.5	37825	21.26	22.5	0-2
				2595	38000	21.20	22.5	0-2
				2612.5	38175	21.23	22.5	0-2
			37	2577.5	37825	21.21	22.5	0-2
				2595	38000	21.20	22.5	0-2
				2612.5	38175	21.26	22.5	0-2
		75RB		2577.5	37825	21.27	22.5	0-2
				2595	38000	21.14	22.5	0-2
				2612.5	38175	21.24	22.5	0-2

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2575	37800	23.18	24.5	0
				2595	38000	23.28	24.5	0
				2615	38200	23.27	24.5	0
			25	2575	37800	23.13	24.5	0
				2595	38000	23.06	24.5	0
				2615	38200	23.14	24.5	0
			49	2575	37800	22.93	24.5	0
				2595	38000	23.00	24.5	0
				2615	38200	23.00	24.5	0
		25 RB	0	2575	37800	22.26	23.5	0-1
				2595	38000	22.33	23.5	0-1
				2615	38200	22.25	23.5	0-1
			12	2575	37800	22.25	23.5	0-1
				2595	38000	22.14	23.5	0-1
				2615	38200	22.28	23.5	0-1
			25	2575	37800	22.17	23.5	0-1
				2595	38000	22.15	23.5	0-1
				2615	38200	22.19	23.5	0-1
		50RB		2575	37800	22.24	23.5	0-1
				2595	38000	22.19	23.5	0-1
				2615	38200	22.28	23.5	0-1
	16-QAM	1 RB	0	2575	37800	22.50	23.5	0-1
				2595	38000	22.60	23.5	0-1
				2615	38200	22.67	23.5	0-1
			25	2575	37800	22.19	23.5	0-1
				2595	38000	22.16	23.5	0-1
				2615	38200	22.42	23.5	0-1
			49	2575	37800	21.97	23.5	0-1
				2595	38000	22.25	23.5	0-1
				2615	38200	22.38	23.5	0-1
		25 RB	0	2575	37800	21.36	22.5	0-2
				2595	38000	21.40	22.5	0-2
				2615	38200	21.40	22.5	0-2
			12	2575	37800	21.39	22.5	0-2
				2595	38000	21.32	22.5	0-2
				2615	38200	21.35	22.5	0-2
			25	2575	37800	21.21	22.5	0-2
				2595	38000	21.13	22.5	0-2
				2615	38200	21.25	22.5	0-2
		50RB		2575	37800	21.35	22.5	0-2
				2595	38000	21.28	22.5	0-2
				2615	38200	21.34	22.5	0-2

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2575	37800	22.43	23.5	0-1
				2595	38000	22.49	23.5	0-1
				2615	38200	22.52	23.5	0-1
			25	2575	37800	22.05	23.5	0-1
				2595	38000	22.19	23.5	0-1
				2615	38200	22.23	23.5	0-1
			49	2575	37800	21.93	23.5	0-1
				2595	38000	21.97	23.5	0-1
				2615	38200	22.29	23.5	0-1
		25 RB	0	2575	37800	21.31	22.5	0-2
				2595	38000	21.30	22.5	0-2
				2615	38200	21.28	22.5	0-2
			12	2575	37800	21.27	22.5	0-2
				2595	38000	21.23	22.5	0-2
				2615	38200	21.24	22.5	0-2
			25	2575	37800	21.19	22.5	0-2
				2595	38000	21.15	22.5	0-2
				2615	38200	21.27	22.5	0-2
		50RB		2575	37800	21.26	22.5	0-2
				2595	38000	21.20	22.5	0-2
				2615	38200	21.23	22.5	0-2

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2572.5	37775	23.15	24.5	0
				2595	38000	23.19	24.5	0
				2617.5	38225	23.32	24.5	0
			12	2572.5	37775	23.14	24.5	0
				2595	38000	23.05	24.5	0
				2617.5	38225	23.11	24.5	0
			24	2572.5	37775	22.90	24.5	0
				2595	38000	22.99	24.5	0
				2617.5	38225	23.07	24.5	0
		12 RB	0	2572.5	37775	22.29	23.5	0-1
				2595	38000	22.35	23.5	0-1
				2617.5	38225	22.30	23.5	0-1
			6	2572.5	37775	22.25	23.5	0-1
				2595	38000	22.14	23.5	0-1
				2617.5	38225	22.28	23.5	0-1
			13	2572.5	37775	22.17	23.5	0-1
				2595	38000	22.19	23.5	0-1
				2617.5	38225	22.20	23.5	0-1
		25RB		2572.5	37775	22.23	23.5	0-1
				2595	38000	22.26	23.5	0-1
				2617.5	38225	22.28	23.5	0-1
	16-QAM	1 RB	0	2572.5	37775	22.48	23.5	0-1
				2595	38000	22.58	23.5	0-1
				2617.5	38225	22.62	23.5	0-1
			12	2572.5	37775	22.25	23.5	0-1
				2595	38000	22.18	23.5	0-1
				2617.5	38225	22.38	23.5	0-1
			24	2572.5	37775	22.06	23.5	0-1
				2595	38000	22.16	23.5	0-1
				2617.5	38225	22.34	23.5	0-1
		12 RB	0	2572.5	37775	21.38	22.5	0-2
				2595	38000	21.41	22.5	0-2
				2617.5	38225	21.36	22.5	0-2
			6	2572.5	37775	21.38	22.5	0-2
				2595	38000	21.29	22.5	0-2
				2617.5	38225	21.40	22.5	0-2
			13	2572.5	37775	21.24	22.5	0-2
				2595	38000	21.18	22.5	0-2
				2617.5	38225	21.29	22.5	0-2
		25RB		2572.5	37775	21.30	22.5	0-2
				2595	38000	21.32	22.5	0-2
				2617.5	38225	21.35	22.5	0-2

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2572.5	37775	22.33	23.5	0-1
				2595	38000	22.49	23.5	0-1
				2617.5	38225	22.52	23.5	0-1
			12	2572.5	37775	22.04	23.5	0-1
				2595	38000	22.13	23.5	0-1
				2617.5	38225	22.30	23.5	0-1
			24	2572.5	37775	21.85	23.5	0-1
				2595	38000	22.01	23.5	0-1
				2617.5	38225	22.27	23.5	0-1
		12 RB	0	2572.5	37775	21.29	22.5	0-2
				2595	38000	21.38	22.5	0-2
				2617.5	38225	21.34	22.5	0-2
			6	2572.5	37775	21.23	22.5	0-2
				2595	38000	21.20	22.5	0-2
				2617.5	38225	21.21	22.5	0-2
			13	2572.5	37775	21.26	22.5	0-2
				2595	38000	21.19	22.5	0-2
				2617.5	38225	21.21	22.5	0-2
		25RB		2572.5	37775	21.26	22.5	0-2
				2595	38000	21.22	22.5	0-2
				2617.5	38225	21.19	22.5	0-2

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2506	39750	23.41	24.5	0
				2549.5	40185	23.55	24.5	0
				2593	40620	23.42	24.5	0
				2636.5	41055	23.39	24.5	0
				2680	41490	22.51	24.5	0
			50	2506	39750	23.31	24.5	0
				2549.5	40185	23.38	24.5	0
				2593	40620	23.45	24.5	0
				2636.5	41055	23.09	24.5	0
				2680	41490	22.86	24.5	0
			99	2506	39750	22.93	24.5	0
				2549.5	40185	23.07	24.5	0
				2593	40620	23.39	24.5	0
				2636.5	41055	23.26	24.5	0
				2680	41490	22.53	24.5	0
		50 RB	0	2506	39750	22.17	23.5	0-1
				2549.5	40185	22.33	23.5	0-1
				2593	40620	22.39	23.5	0-1
				2636.5	41055	22.24	23.5	0-1
				2680	41490	22.40	23.5	0-1
			25	2506	39750	22.12	23.5	0-1
				2549.5	40185	22.37	23.5	0-1
				2593	40620	22.27	23.5	0-1
				2636.5	41055	22.17	23.5	0-1
				2680	41490	22.08	23.5	0-1
			50	2506	39750	22.04	23.5	0-1
				2549.5	40185	22.27	23.5	0-1
				2593	40620	22.14	23.5	0-1
				2636.5	41055	22.08	23.5	0-1
				2680	41490	21.84	23.5	0-1
		100RB		2506	39750	22.12	23.5	0-1
				2549.5	40185	22.37	23.5	0-1
				2593	40620	22.26	23.5	0-1
				2636.5	41055	22.18	23.5	0-1
				2680	41490	21.87	23.5	0-1

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	16-QAM	1 RB	0	2506	39750	22.71	23.5	0-1
				2549.5	40185	22.69	23.5	0-1
				2593	40620	22.63	23.5	0-1
				2636.5	41055	22.57	23.5	0-1
				2680	41490	21.56	23.5	0-1
			50	2506	39750	22.04	23.5	0-1
				2549.5	40185	22.23	23.5	0-1
				2593	40620	22.20	23.5	0-1
				2636.5	41055	22.14	23.5	0-1
				2680	41490	22.00	23.5	0-1
			99	2506	39750	22.03	23.5	0-1
				2549.5	40185	22.17	23.5	0-1
				2593	40620	22.01	23.5	0-1
				2636.5	41055	22.03	23.5	0-1
				2680	41490	21.51	23.5	0-1
		50 RB	0	2506	39750	21.28	22.5	0-2
				2549.5	40185	21.48	22.5	0-2
				2593	40620	21.50	22.5	0-2
				2636.5	41055	21.35	22.5	0-2
				2680	41490	21.09	22.5	0-2
			25	2506	39750	21.22	22.5	0-2
				2549.5	40185	21.53	22.5	0-2
				2593	40620	21.39	22.5	0-2
				2636.5	41055	21.31	22.5	0-2
				2680	41490	21.16	22.5	0-2
			50	2506	39750	21.17	22.5	0-2
				2549.5	40185	21.41	22.5	0-2
				2593	40620	21.26	22.5	0-2
				2636.5	41055	21.19	22.5	0-2
				2680	41490	20.94	22.5	0-2
		100RB		2506	39750	21.25	22.5	0-2
				2549.5	40185	21.47	22.5	0-2
				2593	40620	21.39	22.5	0-2
				2636.5	41055	21.29	22.5	0-2
				2680	41490	20.97	22.5	0-2

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2506	39750	22.59	23.5	0-1
				2549.5	40185	22.57	23.5	0-1
				2593	40620	22.51	23.5	0-1
				2636.5	41055	22.45	23.5	0-1
				2680	41490	21.54	23.5	0-1
			50	2506	39750	21.92	23.5	0-1
				2549.5	40185	22.11	23.5	0-1
				2593	40620	22.08	23.5	0-1
				2636.5	41055	22.02	23.5	0-1
				2680	41490	21.88	23.5	0-1
			99	2506	39750	21.91	23.5	0-1
				2549.5	40185	22.05	23.5	0-1
				2593	40620	21.89	23.5	0-1
				2636.5	41055	21.91	23.5	0-1
				2680	41490	21.59	23.5	0-1
		50 RB	0	2506	39750	21.16	22.5	0-2
				2549.5	40185	21.36	22.5	0-2
				2593	40620	21.38	22.5	0-2
				2636.5	41055	21.23	22.5	0-2
				2680	41490	20.97	22.5	0-2
			25	2506	39750	21.10	22.5	0-2
				2549.5	40185	21.41	22.5	0-2
				2593	40620	21.27	22.5	0-2
				2636.5	41055	21.19	22.5	0-2
				2680	41490	21.04	22.5	0-2
			50	2506	39750	21.05	22.5	0-2
				2549.5	40185	21.29	22.5	0-2
				2593	40620	21.14	22.5	0-2
				2636.5	41055	21.07	22.5	0-2
				2680	41490	20.82	22.5	0-2
		100RB		2506	39750	21.13	22.5	0-2
				2549.5	40185	21.35	22.5	0-2
				2593	40620	21.27	22.5	0-2
				2636.5	41055	21.17	22.5	0-2
				2680	41490	20.85	22.5	0-2

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2503.5	39725	23.17	24.5	0
				2548.3	40173	23.43	24.5	0
				2593	40620	23.47	24.5	0
				2637.8	41068	23.26	24.5	0
				2682.5	41515	23.18	24.5	0
			36	2503.5	39725	22.98	24.5	0
				2548.3	40173	23.28	24.5	0
				2593	40620	23.33	24.5	0
				2637.8	41068	23.17	24.5	0
				2682.5	41515	23.03	24.5	0
			74	2503.5	39725	23.06	24.5	0
				2548.3	40173	23.27	24.5	0
				2593	40620	23.17	24.5	0
				2637.8	41068	23.10	24.5	0
				2682.5	41515	22.91	24.5	0
		36 RB	0	2503.5	39725	22.58	23.5	0-1
				2548.3	40173	22.87	23.5	0-1
				2593	40620	22.92	23.5	0-1
				2637.8	41068	22.74	23.5	0-1
				2682.5	41515	22.68	23.5	0-1
			18	2503.5	39725	22.43	23.5	0-1
				2548.3	40173	22.77	23.5	0-1
				2593	40620	22.79	23.5	0-1
				2637.8	41068	22.63	23.5	0-1
				2682.5	41515	22.50	23.5	0-1
			37	2503.5	39725	22.52	23.5	0-1
				2548.3	40173	22.73	23.5	0-1
				2593	40620	22.63	23.5	0-1
				2637.8	41068	22.54	23.5	0-1
				2682.5	41515	22.35	23.5	0-1
		75RB		2503.5	39725	22.18	23.5	0-1
				2548.3	40173	22.49	23.5	0-1
				2593	40620	22.33	23.5	0-1
				2637.8	41068	22.17	23.5	0-1
				2682.5	41515	22.18	23.5	0-1

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	16-QAM	1 RB	0	2503.5	39725	22.60	23.5	0-1
				2548.3	40173	22.91	23.5	0-1
				2593	40620	22.89	23.5	0-1
				2637.8	41068	22.72	23.5	0-1
				2682.5	41515	22.60	23.5	0-1
			36	2503.5	39725	22.40	23.5	0-1
				2548.3	40173	22.72	23.5	0-1
				2593	40620	22.81	23.5	0-1
				2637.8	41068	22.61	23.5	0-1
				2682.5	41515	22.51	23.5	0-1
			74	2503.5	39725	22.49	23.5	0-1
				2548.3	40173	22.73	23.5	0-1
				2593	40620	22.67	23.5	0-1
				2637.8	41068	22.52	23.5	0-1
				2682.5	41515	22.40	23.5	0-1
		36 RB	0	2503.5	39725	22.06	22.5	0-2
				2548.3	40173	22.36	22.5	0-2
				2593	40620	22.36	22.5	0-2
				2637.8	41068	22.16	22.5	0-2
				2682.5	41515	22.16	22.5	0-2
			18	2503.5	39725	21.91	22.5	0-2
				2548.3	40173	22.25	22.5	0-2
				2593	40620	22.22	22.5	0-2
				2637.8	41068	22.09	22.5	0-2
				2682.5	41515	21.91	22.5	0-2
			37	2503.5	39725	21.99	22.5	0-2
				2548.3	40173	22.23	22.5	0-2
				2593	40620	22.10	22.5	0-2
				2637.8	41068	21.97	22.5	0-2
				2682.5	41515	21.77	22.5	0-2
		75RB		2503.5	39725	21.66	22.5	0-2
				2548.3	40173	21.96	22.5	0-2
				2593	40620	21.81	22.5	0-2
				2637.8	41068	21.66	22.5	0-2
				2682.5	41515	21.58	22.5	0-2

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TDD Band 41								
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15	64-QAM	1 RB	0	2503.5	39725	22.57	23.5	0-1
				2548.3	40173	22.88	23.5	0-1
				2593	40620	22.87	23.5	0-1
				2637.8	41068	22.67	23.5	0-1
				2682.5	41515	22.54	23.5	0-1
			36	2503.5	39725	22.35	23.5	0-1
				2548.3	40173	22.64	23.5	0-1
				2593	40620	22.72	23.5	0-1
				2637.8	41068	22.53	23.5	0-1
				2682.5	41515	22.41	23.5	0-1
			74	2503.5	39725	22.46	23.5	0-1
				2548.3	40173	22.68	23.5	0-1
				2593	40620	22.64	23.5	0-1
				2637.8	41068	22.43	23.5	0-1
				2682.5	41515	22.31	23.5	0-1
		36 RB	0	2503.5	39725	21.98	22.5	0-2
				2548.3	40173	22.33	22.5	0-2
				2593	40620	22.28	22.5	0-2
				2637.8	41068	22.11	22.5	0-2
				2682.5	41515	22.14	22.5	0-2
			18	2503.5	39725	21.89	22.5	0-2
				2548.3	40173	22.20	22.5	0-2
				2593	40620	22.19	22.5	0-2
				2637.8	41068	22.05	22.5	0-2
				2682.5	41515	21.82	22.5	0-2
			37	2503.5	39725	21.98	22.5	0-2
				2548.3	40173	22.13	22.5	0-2
				2593	40620	22.02	22.5	0-2
				2637.8	41068	21.90	22.5	0-2
				2682.5	41515	21.70	22.5	0-2
		75RB		2503.5	39725	21.62	22.5	0-2
				2548.3	40173	21.89	22.5	0-2
				2593	40620	21.75	22.5	0-2
				2637.8	41068	21.60	22.5	0-2
				2682.5	41515	21.55	22.5	0-2

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2501	39700	23.16	24.5	0
				2547	40160	23.34	24.5	0
				2593	40620	23.39	24.5	0
				2639	41080	23.21	24.5	0
				2685	41540	23.12	24.5	0
			25	2501	39700	22.89	24.5	0
				2547	40160	23.24	24.5	0
				2593	40620	23.27	24.5	0
				2639	41080	23.10	24.5	0
				2685	41540	22.96	24.5	0
			49	2501	39700	22.99	24.5	0
				2547	40160	23.26	24.5	0
				2593	40620	23.13	24.5	0
				2639	41080	23.02	24.5	0
				2685	41540	22.86	24.5	0
		25 RB	0	2501	39700	22.57	23.5	0-1
				2547	40160	22.79	23.5	0-1
				2593	40620	22.85	23.5	0-1
				2639	41080	22.72	23.5	0-1
				2685	41540	22.61	23.5	0-1
			12	2501	39700	22.42	23.5	0-1
				2547	40160	22.68	23.5	0-1
				2593	40620	22.75	23.5	0-1
				2639	41080	22.55	23.5	0-1
				2685	41540	22.40	23.5	0-1
			25	2501	39700	22.51	23.5	0-1
				2547	40160	22.71	23.5	0-1
				2593	40620	22.60	23.5	0-1
				2639	41080	22.51	23.5	0-1
				2685	41540	22.27	23.5	0-1
		50RB		2501	39700	22.15	23.5	0-1
				2547	40160	22.41	23.5	0-1
				2593	40620	22.25	23.5	0-1
				2639	41080	22.12	23.5	0-1
				2685	41540	22.10	23.5	0-1

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	16-QAM	1 RB	0	2501	39700	22.52	23.5	0-1
				2547	40160	22.86	23.5	0-1
				2593	40620	22.87	23.5	0-1
				2639	41080	22.69	23.5	0-1
				2685	41540	22.59	23.5	0-1
			25	2501	39700	22.35	23.5	0-1
				2547	40160	22.64	23.5	0-1
				2593	40620	22.78	23.5	0-1
				2639	41080	22.60	23.5	0-1
				2685	41540	22.46	23.5	0-1
			49	2501	39700	22.43	23.5	0-1
				2547	40160	22.65	23.5	0-1
				2593	40620	22.65	23.5	0-1
				2639	41080	22.43	23.5	0-1
				2685	41540	22.34	23.5	0-1
		25 RB	0	2501	39700	21.98	22.5	0-2
				2547	40160	22.28	22.5	0-2
				2593	40620	22.27	22.5	0-2
				2639	41080	22.12	22.5	0-2
				2685	41540	22.12	22.5	0-2
			12	2501	39700	21.89	22.5	0-2
				2547	40160	22.21	22.5	0-2
				2593	40620	22.22	22.5	0-2
				2639	41080	21.99	22.5	0-2
				2685	41540	21.85	22.5	0-2
			25	2501	39700	21.95	22.5	0-2
				2547	40160	22.18	22.5	0-2
				2593	40620	22.09	22.5	0-2
				2639	41080	21.91	22.5	0-2
				2685	41540	21.72	22.5	0-2
		50RB		2501	39700	21.65	22.5	0-2
				2547	40160	21.89	22.5	0-2
				2593	40620	21.72	22.5	0-2
				2639	41080	21.59	22.5	0-2
				2685	41540	21.53	22.5	0-2

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2501	39700	22.51	23.5	0-1
				2547	40160	22.81	23.5	0-1
				2593	40620	22.84	23.5	0-1
				2639	41080	22.62	23.5	0-1
				2685	41540	22.52	23.5	0-1
			25	2501	39700	22.26	23.5	0-1
				2547	40160	22.57	23.5	0-1
				2593	40620	22.65	23.5	0-1
				2639	41080	22.53	23.5	0-1
				2685	41540	22.40	23.5	0-1
			49	2501	39700	22.44	23.5	0-1
				2547	40160	22.64	23.5	0-1
				2593	40620	22.57	23.5	0-1
				2639	41080	22.37	23.5	0-1
				2685	41540	22.30	23.5	0-1
		25 RB	0	2501	39700	21.88	22.5	0-2
				2547	40160	22.27	22.5	0-2
				2593	40620	22.26	22.5	0-2
				2639	41080	22.09	22.5	0-2
				2685	41540	22.12	22.5	0-2
			12	2501	39700	21.85	22.5	0-2
				2547	40160	22.12	22.5	0-2
				2593	40620	22.11	22.5	0-2
				2639	41080	21.99	22.5	0-2
				2685	41540	21.79	22.5	0-2
			25	2501	39700	21.90	22.5	0-2
				2547	40160	22.04	22.5	0-2
				2593	40620	21.99	22.5	0-2
				2639	41080	21.86	22.5	0-2
				2685	41540	21.67	22.5	0-2
		50RB		2501	39700	21.52	22.5	0-2
				2547	40160	21.85	22.5	0-2
				2593	40620	21.68	22.5	0-2
				2639	41080	21.57	22.5	0-2
				2685	41540	21.53	22.5	0-2

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2498.5	39675	23.11	24.5	0
				2547.8	40148	23.43	24.5	0
				2593	40620	23.40	24.5	0
				2640.3	41093	23.19	24.5	0
				2687.5	41565	23.13	24.5	0
			12	2498.5	39675	22.93	24.5	0
				2547.8	40148	23.25	24.5	0
				2593	40620	23.32	24.5	0
				2640.3	41093	23.15	24.5	0
				2687.5	41565	23.01	24.5	0
			24	2498.5	39675	23.00	24.5	0
				2547.8	40148	23.19	24.5	0
				2593	40620	23.17	24.5	0
				2640.3	41093	23.01	24.5	0
				2687.5	41565	22.85	24.5	0
		12 RB	0	2498.5	39675	22.58	23.5	0-1
				2547.8	40148	22.82	23.5	0-1
				2593	40620	22.89	23.5	0-1
				2640.3	41093	22.74	23.5	0-1
				2687.5	41565	22.64	23.5	0-1
			6	2498.5	39675	22.39	23.5	0-1
				2547.8	40148	22.76	23.5	0-1
				2593	40620	22.74	23.5	0-1
				2640.3	41093	22.55	23.5	0-1
				2687.5	41565	22.41	23.5	0-1
			13	2498.5	39675	22.43	23.5	0-1
				2547.8	40148	22.70	23.5	0-1
				2593	40620	22.57	23.5	0-1
				2640.3	41093	22.46	23.5	0-1
				2687.5	41565	22.29	23.5	0-1
		25RB		2498.5	39675	22.12	23.5	0-1
				2547.8	40148	22.39	23.5	0-1
				2593	40620	22.31	23.5	0-1
				2640.3	41093	22.08	23.5	0-1
				2687.5	41565	22.09	23.5	0-1

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	16-QAM	1 RB	0	2498.5	39675	22.55	23.5	0-1
				2547.8	40148	22.85	23.5	0-1
				2593	40620	22.81	23.5	0-1
				2640.3	41093	22.63	23.5	0-1
				2687.5	41565	22.57	23.5	0-1
			12	2498.5	39675	22.37	23.5	0-1
				2547.8	40148	22.66	23.5	0-1
				2593	40620	22.77	23.5	0-1
				2640.3	41093	22.53	23.5	0-1
				2687.5	41565	22.43	23.5	0-1
			24	2498.5	39675	22.44	23.5	0-1
				2547.8	40148	22.72	23.5	0-1
				2593	40620	22.60	23.5	0-1
				2640.3	41093	22.47	23.5	0-1
				2687.5	41565	22.31	23.5	0-1
		12 RB	0	2498.5	39675	21.99	22.5	0-2
				2547.8	40148	22.27	22.5	0-2
				2593	40620	22.31	22.5	0-2
				2640.3	41093	22.10	22.5	0-2
				2687.5	41565	22.13	22.5	0-2
			6	2498.5	39675	21.81	22.5	0-2
				2547.8	40148	22.23	22.5	0-2
				2593	40620	22.16	22.5	0-2
				2640.3	41093	22.05	22.5	0-2
				2687.5	41565	21.83	22.5	0-2
			13	2498.5	39675	21.94	22.5	0-2
				2547.8	40148	22.23	22.5	0-2
				2593	40620	22.05	22.5	0-2
				2640.3	41093	21.97	22.5	0-2
				2687.5	41565	21.76	22.5	0-2
		25RB		2498.5	39675	21.58	22.5	0-2
				2547.8	40148	21.95	22.5	0-2
				2593	40620	21.78	22.5	0-2
				2640.3	41093	21.63	22.5	0-2
				2687.5	41565	21.49	22.5	0-2

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2498.5	39675	22.49	23.5	0-1
				2547.8	40148	22.79	23.5	0-1
				2593	40620	22.84	23.5	0-1
				2640.3	41093	22.63	23.5	0-1
				2687.5	41565	22.51	23.5	0-1
			12	2498.5	39675	22.27	23.5	0-1
				2547.8	40148	22.61	23.5	0-1
				2593	40620	22.66	23.5	0-1
				2640.3	41093	22.46	23.5	0-1
				2687.5	41565	22.36	23.5	0-1
			24	2498.5	39675	22.38	23.5	0-1
				2547.8	40148	22.66	23.5	0-1
				2593	40620	22.55	23.5	0-1
				2640.3	41093	22.35	23.5	0-1
				2687.5	41565	22.27	23.5	0-1
		12 RB	0	2498.5	39675	21.96	22.5	0-2
				2547.8	40148	22.31	22.5	0-2
				2593	40620	22.20	22.5	0-2
				2640.3	41093	22.07	22.5	0-2
				2687.5	41565	22.14	22.5	0-2
			6	2498.5	39675	21.88	22.5	0-2
				2547.8	40148	22.20	22.5	0-2
				2593	40620	22.12	22.5	0-2
				2640.3	41093	22.04	22.5	0-2
				2687.5	41565	21.73	22.5	0-2
			13	2498.5	39675	21.94	22.5	0-2
				2547.8	40148	22.04	22.5	0-2
				2593	40620	22.00	22.5	0-2
				2640.3	41093	21.86	22.5	0-2
				2687.5	41565	21.67	22.5	0-2
		25RB		2498.5	39675	21.60	22.5	0-2
				2547.8	40148	21.87	22.5	0-2
				2593	40620	21.75	22.5	0-2
				2640.3	41093	21.51	22.5	0-2
				2687.5	41565	21.51	22.5	0-2

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LTE FDD Band 2 / Band 4 / Band 5 / Band 7 / Band 12 / Band 13 / Band 14 / Band 25 / Band 66 power table (Reduced power):

FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	18700	19.70	20	0
				1880	18900	19.18	20	0
				1900	19100	19.16	20	0
			50	1860	18700	19.32	20	0
				1880	18900	19.21	20	0
				1900	19100	19.23	20	0
			99	1860	18700	19.36	20	0
				1880	18900	19.03	20	0
				1900	19100	19.24	20	0
		50 RB	0	1860	18700	19.57	20	0
				1880	18900	19.33	20	0
				1900	19100	19.38	20	0
			25	1860	18700	19.48	20	0
				1880	18900	19.29	20	0
				1900	19100	19.36	20	0
			50	1860	18700	19.55	20	0
				1880	18900	19.23	20	0
				1900	19100	19.29	20	0
		100RB	1860	18700	19.57	20	0	
			1880	18900	19.28	20	0	
			1900	19100	19.36	20	0	
	16-QAM	1 RB	0	1860	18700	19.33	20	0
				1880	18900	19.39	20	0
				1900	19100	19.28	20	0
			50	1860	18700	19.36	20	0
				1880	18900	19.36	20	0
				1900	19100	19.35	20	0
			99	1860	18700	19.21	20	0
				1880	18900	19.33	20	0
				1900	19100	19.10	20	0
		50 RB	0	1860	18700	19.16	20	0
				1880	18900	19.34	20	0
				1900	19100	19.31	20	0
			25	1860	18700	19.38	20	0
				1880	18900	19.19	20	0
				1900	19100	19.34	20	0
			50	1860	18700	19.10	20	0
				1880	18900	19.24	20	0
				1900	19100	19.28	20	0
		100RB	1860	18700	19.30	20	0	
			1880	18900	19.40	20	0	
			1900	19100	19.14	20	0	

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1860	18700	19.33	20	0
				1880	18900	19.29	20	0
				1900	19100	19.18	20	0
			50	1860	18700	19.13	20	0
				1880	18900	19.10	20	0
				1900	19100	19.21	20	0
			99	1860	18700	19.25	20	0
				1880	18900	19.39	20	0
				1900	19100	19.36	20	0
		50 RB	0	1860	18700	19.29	20	0
				1880	18900	19.29	20	0
				1900	19100	19.34	20	0
			25	1860	18700	19.11	20	0
				1880	18900	19.17	20	0
				1900	19100	19.32	20	0
			50	1860	18700	19.18	20	0
				1880	18900	19.24	20	0
				1900	19100	19.17	20	0
		100RB		1860	18700	19.18	20	0
				1880	18900	19.22	20	0
				1900	19100	19.31	20	0

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SGS Taiwan Ltd.

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	18675	19.54	20	0
				1880	18900	19.18	20	0
				1902.5	19125	19.04	20	0
			36	1857.5	18675	19.26	20	0
				1880	18900	19.12	20	0
				1902.5	19125	19.12	20	0
			74	1857.5	18675	19.32	20	0
				1880	18900	18.90	20	0
				1902.5	19125	19.08	20	0
		36 RB	0	1857.5	18675	19.38	20	0
				1880	18900	19.18	20	0
				1902.5	19125	19.31	20	0
			18	1857.5	18675	19.39	20	0
				1880	18900	19.13	20	0
				1902.5	19125	19.19	20	0
			37	1857.5	18675	19.49	20	0
				1880	18900	19.13	20	0
				1902.5	19125	19.16	20	0
		75RB		1857.5	18675	19.48	20	0
				1880	18900	19.12	20	0
				1902.5	19125	19.31	20	0
	16-QAM	1 RB	0	1857.5	18675	19.25	20	0
				1880	18900	19.34	20	0
				1902.5	19125	19.24	20	0
			36	1857.5	18675	19.19	20	0
				1880	18900	19.28	20	0
				1902.5	19125	19.17	20	0
			74	1857.5	18675	19.06	20	0
				1880	18900	19.31	20	0
				1902.5	19125	19.03	20	0
		36 RB	0	1857.5	18675	19.01	20	0
				1880	18900	19.16	20	0
				1902.5	19125	19.27	20	0
			18	1857.5	18675	19.34	20	0
				1880	18900	19.19	20	0
				1902.5	19125	19.34	20	0
			37	1857.5	18675	18.92	20	0
				1880	18900	19.08	20	0
				1902.5	19125	19.09	20	0
		75RB		1857.5	18675	19.25	20	0
				1880	18900	19.35	20	0
				1902.5	19125	19.13	20	0

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1857.5	18675	19.23	20	0
				1880	18900	19.11	20	0
				1902.5	19125	19.10	20	0
			36	1857.5	18675	19.07	20	0
				1880	18900	19.09	20	0
				1902.5	19125	19.12	20	0
			74	1857.5	18675	19.19	20	0
				1880	18900	19.33	20	0
				1902.5	19125	19.23	20	0
		36 RB	0	1857.5	18675	19.15	20	0
				1880	18900	19.27	20	0
				1902.5	19125	19.30	20	0
			18	1857.5	18675	19.01	20	0
				1880	18900	19.17	20	0
				1902.5	19125	19.23	20	0
			37	1857.5	18675	19.08	20	0
				1880	18900	19.21	20	0
				1902.5	19125	18.98	20	0
		75RB		1857.5	18675	19.09	20	0
				1880	18900	19.03	20	0
				1902.5	19125	19.16	20	0

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	18650	19.55	20	0
				1880	18900	19.15	20	0
				1905	19150	18.99	20	0
			25	1855	18650	19.14	20	0
				1880	18900	19.03	20	0
				1905	19150	19.06	20	0
			49	1855	18650	19.17	20	0
				1880	18900	18.84	20	0
				1905	19150	19.09	20	0
		25 RB	0	1855	18650	19.42	20	0
				1880	18900	19.25	20	0
				1905	19150	19.32	20	0
			12	1855	18650	19.42	20	0
				1880	18900	19.25	20	0
				1905	19150	19.33	20	0
			25	1855	18650	19.52	20	0
				1880	18900	19.13	20	0
				1905	19150	19.21	20	0
		50RB		1855	18650	19.49	20	0
				1880	18900	19.22	20	0
				1905	19150	19.25	20	0
	16-QAM	1 RB	0	1855	18650	19.15	20	0
				1880	18900	19.21	20	0
				1905	19150	19.08	20	0
			25	1855	18650	19.36	20	0
				1880	18900	19.32	20	0
				1905	19150	19.35	20	0
			49	1855	18650	19.08	20	0
				1880	18900	19.31	20	0
				1905	19150	18.97	20	0
		25 RB	0	1855	18650	19.11	20	0
				1880	18900	19.19	20	0
				1905	19150	19.13	20	0
			12	1855	18650	19.24	20	0
				1880	18900	19.16	20	0
				1905	19150	19.29	20	0
			25	1855	18650	18.91	20	0
				1880	18900	19.04	20	0
				1905	19150	19.19	20	0
		50RB		1855	18650	19.29	20	0
				1880	18900	19.22	20	0
				1905	19150	18.95	20	0

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1855	18650	19.23	20	0
				1880	18900	19.26	20	0
				1905	19150	19.10	20	0
			25	1855	18650	19.11	20	0
				1880	18900	18.95	20	0
				1905	19150	19.19	20	0
			49	1855	18650	19.25	20	0
				1880	18900	19.31	20	0
				1905	19150	19.27	20	0
		25 RB	0	1855	18650	19.26	20	0
				1880	18900	19.24	20	0
				1905	19150	19.32	20	0
			12	1855	18650	18.96	20	0
				1880	18900	19.05	20	0
				1905	19150	19.22	20	0
			25	1855	18650	19.06	20	0
				1880	18900	19.08	20	0
				1905	19150	19.05	20	0
		50RB		1855	18650	19.04	20	0
				1880	18900	19.11	20	0
				1905	19150	19.19	20	0

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FDD Band 2									
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	
5	QPSK	1 RB	0	1852.5	18625	19.56	20	0	
				1880	18900	19.06	20	0	
				1907.5	19175	19.01	20	0	
			12	1852.5	18625	19.29	20	0	
				1880	18900	19.19	20	0	
				1907.5	19175	19.04	20	0	
			24	1852.5	18625	19.17	20	0	
				1880	18900	19.02	20	0	
				1907.5	19175	19.17	20	0	
		12 RB	0	1852.5	18625	19.42	20	0	
				1880	18900	19.30	20	0	
				1907.5	19175	19.21	20	0	
			6	1852.5	18625	19.34	20	0	
				1880	18900	19.09	20	0	
				1907.5	19175	19.17	20	0	
			13	1852.5	18625	19.45	20	0	
				1880	18900	19.15	20	0	
				1907.5	19175	19.24	20	0	
		25RB			1852.5	18625	19.51	20	0
					1880	18900	19.17	20	0
					1907.5	19175	19.28	20	0
	16-QAM	1 RB	0	1852.5	18625	19.30	20	0	
				1880	18900	19.26	20	0	
				1907.5	19175	19.14	20	0	
			12	1852.5	18625	19.30	20	0	
				1880	18900	19.20	20	0	
				1907.5	19175	19.19	20	0	
			24	1852.5	18625	19.12	20	0	
				1880	18900	19.26	20	0	
				1907.5	19175	19.04	20	0	
			12 RB	0	1852.5	18625	19.13	20	0
					1880	18900	19.22	20	0
					1907.5	19175	19.13	20	0
				6	1852.5	18625	19.26	20	0
					1880	18900	19.15	20	0
					1907.5	19175	19.23	20	0
		13	1852.5	18625	19.01	20	0		
			1880	18900	19.22	20	0		
			1907.5	19175	19.21	20	0		
		25RB			1852.5	18625	19.15	20	0
					1880	18900	19.34	20	0
					1907.5	19175	19.01	20	0

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1852.5	18625	19.32	20	0
				1880	18900	19.13	20	0
				1907.5	19175	19.00	20	0
			12	1852.5	18625	19.01	20	0
				1880	18900	18.94	20	0
				1907.5	19175	19.03	20	0
			24	1852.5	18625	19.24	20	0
				1880	18900	19.26	20	0
				1907.5	19175	19.18	20	0
		12 RB	0	1852.5	18625	19.16	20	0
				1880	18900	19.20	20	0
				1907.5	19175	19.30	20	0
			6	1852.5	18625	19.05	20	0
				1880	18900	19.01	20	0
				1907.5	19175	19.13	20	0
			13	1852.5	18625	19.11	20	0
				1880	18900	19.04	20	0
				1907.5	19175	19.10	20	0
		25RB		1852.5	18625	19.17	20	0
				1880	18900	19.21	20	0
				1907.5	19175	19.30	20	0

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BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	18615	19.70	20	0
				1880	18900	19.07	20	0
				1908.5	19185	19.09	20	0
			7	1851.5	18615	19.21	20	0
				1880	18900	19.19	20	0
				1908.5	19185	19.14	20	0
			14	1851.5	18615	19.25	20	0
				1880	18900	18.99	20	0
				1908.5	19185	19.07	20	0
		8 RB	0	1851.5	18615	19.57	20	0
				1880	18900	19.26	20	0
				1908.5	19185	19.26	20	0
			4	1851.5	18615	19.29	20	0
				1880	18900	19.24	20	0
				1908.5	19185	19.25	20	0
			7	1851.5	18615	19.36	20	0
				1880	18900	19.07	20	0
				1908.5	19185	19.16	20	0
		15RB		1851.5	18615	19.37	20	0
				1880	18900	19.08	20	0
				1908.5	19185	19.18	20	0
	16-QAM	1 RB	0	1851.5	18615	19.24	20	0
				1880	18900	19.29	20	0
				1908.5	19185	19.13	20	0
			7	1851.5	18615	19.35	20	0
				1880	18900	19.23	20	0
				1908.5	19185	19.31	20	0
			14	1851.5	18615	19.15	20	0
				1880	18900	19.19	20	0
				1908.5	19185	18.91	20	0
		8 RB	0	1851.5	18615	19.14	20	0
				1880	18900	19.16	20	0
				1908.5	19185	19.23	20	0
			4	1851.5	18615	19.27	20	0
				1880	18900	19.07	20	0
				1908.5	19185	19.27	20	0
			7	1851.5	18615	19.00	20	0
				1880	18900	19.18	20	0
				1908.5	19185	19.21	20	0
		15RB		1851.5	18615	19.28	20	0
				1880	18900	19.20	20	0
				1908.5	19185	19.01	20	0

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	18615	19.18	20	0
				1880	18900	19.25	20	0
				1908.5	19185	19.05	20	0
			7	1851.5	18615	19.10	20	0
				1880	18900	18.97	20	0
				1908.5	19185	19.16	20	0
			14	1851.5	18615	19.16	20	0
				1880	18900	19.24	20	0
				1908.5	19185	19.32	20	0
		8 RB	0	1851.5	18615	19.18	20	0
				1880	18900	19.12	20	0
				1908.5	19185	19.32	20	0
			4	1851.5	18615	18.99	20	0
				1880	18900	19.14	20	0
				1908.5	19185	19.29	20	0
			7	1851.5	18615	19.12	20	0
				1880	18900	19.22	20	0
				1908.5	19185	19.17	20	0
		15RB		1851.5	18615	19.03	20	0
				1880	18900	19.16	20	0
				1908.5	19185	19.19	20	0

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	18607	19.57	20	0
				1880	18900	19.05	20	0
				1909.3	19193	19.13	20	0
			2	1850.7	18607	19.31	20	0
				1880	18900	19.08	20	0
				1909.3	19193	19.12	20	0
			5	1850.7	18607	19.29	20	0
				1880	18900	18.98	20	0
				1909.3	19193	19.23	20	0
		3 RB	0	1850.7	18607	19.48	20	0
				1880	18900	19.19	20	0
				1909.3	19193	19.27	20	0
			2	1850.7	18607	19.39	20	0
				1880	18900	19.26	20	0
				1909.3	19193	19.28	20	0
			3	1850.7	18607	19.40	20	0
				1880	18900	19.16	20	0
				1909.3	19193	19.28	20	0
		6RB		1850.7	18607	19.50	20	0
				1880	18900	19.19	20	0
				1909.3	19193	19.24	20	0
	16-QAM	1 RB	0	1850.7	18607	19.21	20	0
				1880	18900	19.29	20	0
				1909.3	19193	19.10	20	0
			2	1850.7	18607	19.25	20	0
				1880	18900	19.25	20	0
				1909.3	19193	19.35	20	0
			5	1850.7	18607	19.16	20	0
				1880	18900	19.22	20	0
				1909.3	19193	18.92	20	0
		3 RB	0	1850.7	18607	18.97	20	0
				1880	18900	19.23	20	0
				1909.3	19193	19.21	20	0
			2	1850.7	18607	19.34	20	0
				1880	18900	19.05	20	0
				1909.3	19193	19.15	20	0
			3	1850.7	18607	19.01	20	0
				1880	18900	19.04	20	0
				1909.3	19193	19.28	20	0
		6RB		1850.7	18607	19.11	20	0
				1880	18900	19.27	20	0
				1909.3	19193	19.10	20	0

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FDD Band 2								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	18607	19.16	20	0
				1880	18900	19.18	20	0
				1909.3	19193	19.00	20	0
			2	1850.7	18607	19.00	20	0
				1880	18900	19.05	20	0
				1909.3	19193	19.11	20	0
			5	1850.7	18607	19.17	20	0
				1880	18900	19.29	20	0
				1909.3	19193	19.32	20	0
		3 RB	0	1850.7	18607	19.18	20	0
				1880	18900	19.15	20	0
				1909.3	19193	19.22	20	0
			2	1850.7	18607	19.07	20	0
				1880	18900	19.06	20	0
				1909.3	19193	19.19	20	0
			3	1850.7	18607	19.11	20	0
				1880	18900	19.12	20	0
				1909.3	19193	19.05	20	0
		6RB		1850.7	18607	19.09	20	0
				1880	18900	19.19	20	0
				1909.3	19193	19.26	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	20050	19.44	20	0
				1732.5	20175	19.36	20	0
				1745	20300	19.38	20	0
			50	1720	20050	19.25	20	0
				1732.5	20175	19.20	20	0
				1745	20300	19.12	20	0
			99	1720	20050	19.31	20	0
				1732.5	20175	19.13	20	0
				1745	20300	19.07	20	0
		50 RB	0	1720	20050	19.43	20	0
				1732.5	20175	19.36	20	0
				1745	20300	19.32	20	0
			25	1720	20050	19.32	20	0
				1732.5	20175	19.28	20	0
				1745	20300	19.22	20	0
			50	1720	20050	19.41	20	0
				1732.5	20175	19.25	20	0
				1745	20300	19.18	20	0
		100RB		1720	20050	19.34	20	0
				1732.5	20175	19.31	20	0
				1745	20300	19.25	20	0
	16-QAM	1 RB	0	1720	20050	19.24	20	0
				1732.5	20175	19.20	20	0
				1745	20300	19.19	20	0
			50	1720	20050	19.36	20	0
				1732.5	20175	19.26	20	0
				1745	20300	19.26	20	0
			99	1720	20050	19.24	20	0
				1732.5	20175	19.29	20	0
				1745	20300	19.35	20	0
		50 RB	0	1720	20050	19.24	20	0
				1732.5	20175	19.11	20	0
				1745	20300	19.34	20	0
			25	1720	20050	19.27	20	0
				1732.5	20175	19.11	20	0
				1745	20300	19.25	20	0
			50	1720	20050	19.28	20	0
				1732.5	20175	19.14	20	0
				1745	20300	19.32	20	0
		100RB		1720	20050	19.26	20	0
				1732.5	20175	19.23	20	0
				1745	20300	19.23	20	0

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20	64-QAM	1 RB	0	1720	20050	19.38	20	0
				1732.5	20175	19.14	20	0
				1745	20300	19.24	20	0
			50	1720	20050	19.28	20	0
				1732.5	20175	19.34	20	0
				1745	20300	19.38	20	0
			99	1720	20050	19.26	20	0
				1732.5	20175	19.32	20	0
				1745	20300	19.28	20	0
		50 RB	0	1720	20050	19.27	20	0
				1732.5	20175	19.30	20	0
				1745	20300	19.28	20	0
			25	1720	20050	19.18	20	0
				1732.5	20175	19.11	20	0
				1745	20300	19.34	20	0
			50	1720	20050	19.30	20	0
				1732.5	20175	19.21	20	0
				1745	20300	19.31	20	0
		100RB		1720	20050	19.39	20	0
				1732.5	20175	19.12	20	0
				1745	20300	19.29	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	20025	19.30	20	0
				1732.5	20175	19.27	20	0
				1747.5	20325	19.31	20	0
			36	1717.5	20025	19.09	20	0
				1732.5	20175	19.00	20	0
				1747.5	20325	18.94	20	0
			74	1717.5	20025	19.24	20	0
				1732.5	20175	19.01	20	0
				1747.5	20325	18.95	20	0
		36 RB	0	1717.5	20025	19.36	20	0
				1732.5	20175	19.32	20	0
				1747.5	20325	19.15	20	0
			18	1717.5	20025	19.20	20	0
				1732.5	20175	19.11	20	0
				1747.5	20325	19.08	20	0
			37	1717.5	20025	19.40	20	0
				1732.5	20175	19.20	20	0
				1747.5	20325	19.14	20	0
		75RB		1717.5	20025	19.22	20	0
				1732.5	20175	19.27	20	0
				1747.5	20325	19.21	20	0
	16-QAM	1 RB	0	1717.5	20025	19.20	20	0
				1732.5	20175	19.10	20	0
				1747.5	20325	19.08	20	0
			36	1717.5	20025	19.18	20	0
				1732.5	20175	19.19	20	0
				1747.5	20325	19.16	20	0
			74	1717.5	20025	19.20	20	0
				1732.5	20175	19.28	20	0
				1747.5	20325	19.30	20	0
		36 RB	0	1717.5	20025	19.23	20	0
				1732.5	20175	19.01	20	0
				1747.5	20325	19.20	20	0
			18	1717.5	20025	19.17	20	0
				1732.5	20175	19.00	20	0
				1747.5	20325	19.21	20	0
			37	1717.5	20025	19.15	20	0
				1732.5	20175	19.02	20	0
				1747.5	20325	19.13	20	0
		75RB		1717.5	20025	19.15	20	0
				1732.5	20175	19.13	20	0
				1747.5	20325	19.18	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1717.5	22.51	19.20	20	0
				1732.5	22.58	18.95	20	0
				1747.5	22.77	19.09	20	0
			36	1717.5	22.12	19.21	20	0
				1732.5	22.7	19.18	20	0
				1747.5	22.44	19.34	20	0
			74	1717.5	22.42	19.09	20	0
				1732.5	22.7	19.25	20	0
				1747.5	22.73	19.20	20	0
		36 RB	0	1717.5	21.22	19.12	20	0
				1732.5	21.38	19.20	20	0
				1747.5	21.52	19.23	20	0
			18	1717.5	21.24	19.05	20	0
				1732.5	21.34	19.11	20	0
				1747.5	21.41	19.33	20	0
			37	1717.5	21.25	19.28	20	0
				1732.5	21.29	19.07	20	0
				1747.5	21.46	19.26	20	0
		75RB		1717.5	21.22	19.30	20	0
				1732.5	21.35	19.07	20	0
				1747.5	21.43	19.16	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	20000	19.28	20	0
				1732.5	20175	19.28	20	0
				1750	20350	19.20	20	0
			25	1715	20000	19.24	20	0
				1732.5	20175	19.05	20	0
				1750	20350	19.04	20	0
			49	1715	20000	19.13	20	0
				1732.5	20175	19.02	20	0
				1750	20350	18.93	20	0
		25 RB	0	1715	20000	19.35	20	0
				1732.5	20175	19.19	20	0
				1750	20350	19.13	20	0
			12	1715	20000	19.17	20	0
				1732.5	20175	19.28	20	0
				1750	20350	19.02	20	0
			25	1715	20000	19.31	20	0
				1732.5	20175	19.15	20	0
				1750	20350	19.14	20	0
		50RB		1715	20000	19.30	20	0
				1732.5	20175	19.20	20	0
				1750	20350	19.16	20	0
	16-QAM	1 RB	0	1715	20000	19.21	20	0
				1732.5	20175	19.02	20	0
				1750	20350	19.02	20	0
			25	1715	20000	19.17	20	0
				1732.5	20175	19.12	20	0
				1750	20350	19.06	20	0
			49	1715	20000	19.12	20	0
				1732.5	20175	19.29	20	0
				1750	20350	19.20	20	0
		25 RB	0	1715	20000	19.22	20	0
				1732.5	20175	19.02	20	0
				1750	20350	19.33	20	0
			12	1715	20000	19.21	20	0
				1732.5	20175	19.10	20	0
				1750	20350	19.06	20	0
			25	1715	20000	19.19	20	0
				1732.5	20175	19.04	20	0
				1750	20350	19.29	20	0
		50RB		1715	20000	19.26	20	0
				1732.5	20175	19.13	20	0
				1750	20350	19.16	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	20000	19.35	20	0
				1732.5	20175	19.05	20	0
				1750	20350	19.09	20	0
			25	1715	20000	19.09	20	0
				1732.5	20175	19.22	20	0
				1750	20350	19.38	20	0
			49	1715	20000	19.08	20	0
				1732.5	20175	19.22	20	0
				1750	20350	19.14	20	0
		25 RB	0	1715	20000	19.20	20	0
				1732.5	20175	19.30	20	0
				1750	20350	19.16	20	0
			12	1715	20000	19.03	20	0
				1732.5	20175	19.06	20	0
				1750	20350	19.14	20	0
			25	1715	20000	19.19	20	0
				1732.5	20175	19.02	20	0
				1750	20350	19.26	20	0
		50RB		1715	20000	19.36	20	0
				1732.5	20175	18.96	20	0
				1750	20350	19.19	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	19975	19.24	20	0
				1732.5	20175	19.18	20	0
				1752.5	20375	19.27	20	0
			12	1712.5	19975	19.21	20	0
				1732.5	20175	19.17	20	0
				1752.5	20375	19.09	20	0
			24	1712.5	19975	19.16	20	0
				1732.5	20175	19.06	20	0
				1752.5	20375	18.95	20	0
		12 RB	0	1712.5	19975	19.24	20	0
				1732.5	20175	19.31	20	0
				1752.5	20375	19.22	20	0
			6	1712.5	19975	19.23	20	0
				1732.5	20175	19.09	20	0
				1752.5	20375	19.19	20	0
			13	1712.5	19975	19.26	20	0
				1732.5	20175	19.22	20	0
				1752.5	20375	19.06	20	0
		25RB		1712.5	19975	19.33	20	0
				1732.5	20175	19.22	20	0
				1752.5	20375	19.23	20	0
	16-QAM	1 RB	0	1712.5	19975	19.17	20	0
				1732.5	20175	19.04	20	0
				1752.5	20375	19.17	20	0
			12	1712.5	19975	19.21	20	0
				1732.5	20175	19.21	20	0
				1752.5	20375	19.22	20	0
			24	1712.5	19975	19.21	20	0
				1732.5	20175	19.18	20	0
				1752.5	20375	19.27	20	0
		12 RB	0	1712.5	19975	19.19	20	0
				1732.5	20175	18.97	20	0
				1752.5	20375	19.15	20	0
			6	1712.5	19975	19.11	20	0
				1732.5	20175	19.00	20	0
				1752.5	20375	19.15	20	0
			13	1712.5	19975	19.19	20	0
				1732.5	20175	18.97	20	0
				1752.5	20375	19.16	20	0
		25RB		1712.5	19975	19.18	20	0
				1732.5	20175	19.15	20	0
				1752.5	20375	19.13	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1712.5	19975	19.31	20	0
				1732.5	20175	19.02	20	0
				1752.5	20375	19.07	20	0
			12	1712.5	19975	19.22	20	0
				1732.5	20175	19.18	20	0
				1752.5	20375	19.21	20	0
			24	1712.5	19975	19.10	20	0
				1732.5	20175	19.13	20	0
				1752.5	20375	19.13	20	0
		12 RB	0	1712.5	19975	19.23	20	0
				1732.5	20175	19.16	20	0
				1752.5	20375	19.14	20	0
			6	1712.5	19975	19.10	20	0
				1732.5	20175	18.98	20	0
				1752.5	20375	19.18	20	0
			13	1712.5	19975	19.14	20	0
				1732.5	20175	19.20	20	0
				1752.5	20375	19.25	20	0
		25RB		1712.5	19975	19.23	20	0
				1732.5	20175	18.93	20	0
				1752.5	20375	19.25	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	19965	19.29	20	0
				1732.5	20175	19.32	20	0
				1753.5	20385	19.32	20	0
			7	1711.5	19965	19.18	20	0
				1732.5	20175	19.02	20	0
				1753.5	20385	19.05	20	0
			14	1711.5	19965	19.25	20	0
				1732.5	20175	18.94	20	0
				1753.5	20385	18.99	20	0
		8 RB	0	1711.5	19965	19.29	20	0
				1732.5	20175	19.24	20	0
				1753.5	20385	19.29	20	0
			4	1711.5	19965	19.15	20	0
				1732.5	20175	19.12	20	0
				1753.5	20385	19.21	20	0
			7	1711.5	19965	19.32	20	0
				1732.5	20175	19.14	20	0
				1753.5	20385	19.17	20	0
		15RB		1711.5	19965	19.32	20	0
				1732.5	20175	19.24	20	0
				1753.5	20385	19.15	20	0
	16-QAM	1 RB	0	1711.5	19965	19.16	20	0
				1732.5	20175	19.16	20	0
				1753.5	20385	19.00	20	0
			7	1711.5	19965	19.20	20	0
				1732.5	20175	19.10	20	0
				1753.5	20385	19.12	20	0
			14	1711.5	19965	19.08	20	0
				1732.5	20175	19.18	20	0
				1753.5	20385	19.27	20	0
		8 RB	0	1711.5	19965	19.22	20	0
				1732.5	20175	19.08	20	0
				1753.5	20385	19.25	20	0
			4	1711.5	19965	19.21	20	0
				1732.5	20175	19.08	20	0
				1753.5	20385	19.16	20	0
			7	1711.5	19965	19.17	20	0
				1732.5	20175	19.05	20	0
				1753.5	20385	19.14	20	0
		15RB		1711.5	19965	19.08	20	0
				1732.5	20175	19.11	20	0
				1753.5	20385	19.04	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1711.5	19965	19.26	20	0
				1732.5	20175	19.00	20	0
				1753.5	20385	19.19	20	0
			7	1711.5	19965	19.19	20	0
				1732.5	20175	19.30	20	0
				1753.5	20385	19.20	20	0
			14	1711.5	19965	19.24	20	0
				1732.5	20175	19.18	20	0
				1753.5	20385	19.14	20	0
		8 RB	0	1711.5	19965	19.16	20	0
				1732.5	20175	19.14	20	0
				1753.5	20385	19.11	20	0
			4	1711.5	19965	19.10	20	0
				1732.5	20175	18.96	20	0
				1753.5	20385	19.24	20	0
			7	1711.5	19965	19.20	20	0
				1732.5	20175	19.09	20	0
				1753.5	20385	19.25	20	0
		15RB		1711.5	19965	19.22	20	0
				1732.5	20175	18.94	20	0
				1753.5	20385	19.17	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	19957	19.42	20	0
				1732.5	20175	19.29	20	0
				1754.3	20393	19.31	20	0
			2	1710.7	19957	19.05	20	0
				1732.5	20175	19.05	20	0
				1754.3	20393	18.97	20	0
			5	1710.7	19957	19.25	20	0
				1732.5	20175	19.02	20	0
				1754.3	20393	18.92	20	0
		3 RB	0	1710.7	19957	19.42	20	0
				1732.5	20175	19.28	20	0
				1754.3	20393	19.29	20	0
			2	1710.7	19957	19.30	20	0
				1732.5	20175	19.23	20	0
				1754.3	20393	19.20	20	0
			3	1710.7	19957	19.30	20	0
				1732.5	20175	19.21	20	0
				1754.3	20393	19.06	20	0
		6RB		1710.7	19957	19.19	20	0
				1732.5	20175	19.26	20	0
				1754.3	20393	19.22	20	0
	16-QAM	1 RB	0	1710.7	19957	19.05	20	0
				1732.5	20175	19.08	20	0
				1754.3	20393	19.12	20	0
			2	1710.7	19957	19.19	20	0
				1732.5	20175	19.21	20	0
				1754.3	20393	19.13	20	0
			5	1710.7	19957	19.23	20	0
				1732.5	20175	19.18	20	0
				1754.3	20393	19.33	20	0
		3 RB	0	1710.7	19957	19.17	20	0
				1732.5	20175	19.08	20	0
				1754.3	20393	19.32	20	0
			2	1710.7	19957	19.08	20	0
				1732.5	20175	19.08	20	0
				1754.3	20393	19.08	20	0
			3	1710.7	19957	19.10	20	0
				1732.5	20175	19.12	20	0
				1754.3	20393	19.17	20	0
		6RB		1710.7	19957	19.19	20	0
				1732.5	20175	19.15	20	0
				1754.3	20393	19.12	20	0

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FDD Band 4								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	19957	19.35	20	0
				1732.5	20175	19.12	20	0
				1754.3	20393	19.12	20	0
			2	1710.7	19957	19.16	20	0
				1732.5	20175	19.18	20	0
				1754.3	20393	19.32	20	0
			5	1710.7	19957	19.07	20	0
				1732.5	20175	19.15	20	0
				1754.3	20393	19.18	20	0
		3 RB	0	1710.7	19957	19.10	20	0
				1732.5	20175	19.13	20	0
				1754.3	20393	19.11	20	0
			2	1710.7	19957	18.99	20	0
				1732.5	20175	18.97	20	0
				1754.3	20393	19.14	20	0
			3	1710.7	19957	19.19	20	0
				1732.5	20175	19.17	20	0
				1754.3	20393	19.16	20	0
		6RB		1710.7	19957	19.30	20	0
				1732.5	20175	18.97	20	0
				1754.3	20393	19.23	20	0

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	829	20450	22.73	23	0
				836.5	20525	22.68	23	0
				844	20600	22.76	23	0
			25	829	20450	22.67	23	0
				836.5	20525	22.66	23	0
				844	20600	22.69	23	0
			49	829	20450	22.79	23	0
				836.5	20525	22.71	23	0
				844	20600	22.78	23	0
		25 RB	0	829	20450	22.49	23	0
				836.5	20525	22.59	23	0
				844	20600	22.55	23	0
			12	829	20450	22.61	23	0
				836.5	20525	22.58	23	0
				844	20600	22.62	23	0
			25	829	20450	22.60	23	0
				836.5	20525	22.57	23	0
				844	20600	22.55	23	0
		50RB		829	20450	22.46	23	0
				836.5	20525	22.62	23	0
				844	20600	22.63	23	0
	16-QAM	1 RB	0	829	20450	22.59	23	0
				836.5	20525	22.45	23	0
				844	20600	22.53	23	0
			25	829	20450	22.57	23	0
				836.5	20525	22.62	23	0
				844	20600	22.57	23	0
			49	829	20450	22.48	23	0
				836.5	20525	22.54	23	0
				844	20600	22.62	23	0
		25 RB	0	829	20450	22.49	23	0
				836.5	20525	22.51	23	0
				844	20600	22.62	23	0
			12	829	20450	22.60	23	0
				836.5	20525	22.43	23	0
				844	20600	22.63	23	0
			25	829	20450	22.57	23	0
				836.5	20525	22.62	23	0
				844	20600	22.50	23	0
		500RB		829	20450	22.51	23	0
				836.5	20525	22.46	23	0
				844	20600	22.44	23	0

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	829	20450	22.61	23	0
				836.5	20525	22.49	23	0
				844	20600	22.60	23	0
			25	829	20450	22.52	23	0
				836.5	20525	22.62	23	0
				844	20600	22.56	23	0
			49	829	20450	22.47	23	0
				836.5	20525	22.45	23	0
				844	20600	22.47	23	0
		25 RB	0	829	20450	22.59	23	0
				836.5	20525	22.53	23	0
				844	20600	22.50	23	0
			12	829	20450	22.52	23	0
				836.5	20525	22.54	23	0
				844	20600	22.47	23	0
			25	829	20450	22.51	23	0
				836.5	20525	22.62	23	0
				844	20600	22.53	23	0
		500RB		829	20450	22.43	23	0
				836.5	20525	22.46	23	0
				844	20600	22.59	23	0

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	826.5	20425	22.64	23	0
				836.5	20525	22.71	23	0
				846.5	20625	22.69	23	0
			12	826.5	20425	22.58	23	0
				836.5	20525	22.63	23	0
				846.5	20625	22.63	23	0
			24	826.5	20425	22.74	23	0
				836.5	20525	22.63	23	0
				846.5	20625	22.74	23	0
		12 RB	0	826.5	20425	22.59	23	0
				836.5	20525	22.48	23	0
				846.5	20625	22.55	23	0
			6	826.5	20425	22.56	23	0
				836.5	20525	22.43	23	0
				846.5	20625	22.62	23	0
			13	826.5	20425	22.45	23	0
				836.5	20525	22.54	23	0
				846.5	20625	22.56	23	0
		25RB		826.5	20425	22.48	23	0
				836.5	20525	22.52	23	0
				846.5	20625	22.55	23	0
	16-QAM	1 RB	0	826.5	20425	22.53	23	0
				836.5	20525	22.46	23	0
				846.5	20625	22.51	23	0
			12	826.5	20425	22.45	23	0
				836.5	20525	22.56	23	0
				846.5	20625	22.47	23	0
			24	826.5	20425	22.58	23	0
				836.5	20525	22.47	23	0
				846.5	20625	22.52	23	0
		12 RB	0	826.5	20425	22.54	23	0
				836.5	20525	22.62	23	0
				846.5	20625	22.48	23	0
			6	826.5	20425	22.56	23	0
				836.5	20525	22.45	23	0
				846.5	20625	22.61	23	0
			13	826.5	20425	22.57	23	0
				836.5	20525	22.50	23	0
				846.5	20625	22.56	23	0
		25RB		826.5	20425	22.49	23	0
				836.5	20525	22.44	23	0
				846.5	20625	22.44	23	0

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	826.5	20425	22.55	23	0
				836.5	20525	22.50	23	0
				846.5	20625	22.54	23	0
			12	826.5	20425	22.56	23	0
				836.5	20525	22.44	23	0
				846.5	20625	22.45	23	0
			24	826.5	20425	22.58	23	0
				836.5	20525	22.47	23	0
				846.5	20625	22.49	23	0
		12 RB	0	826.5	20425	22.58	23	0
				836.5	20525	22.57	23	0
				846.5	20625	22.55	23	0
			6	826.5	20425	22.51	23	0
				836.5	20525	22.50	23	0
				846.5	20625	22.46	23	0
			13	826.5	20425	22.57	23	0
				836.5	20525	22.51	23	0
				846.5	20625	22.59	23	0
		25RB		826.5	20425	22.60	23	0
				836.5	20525	22.57	23	0
				846.5	20625	22.60	23	0

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	825.5	20415	22.63	23	0
				836.5	20525	22.67	23	0
				847.5	20635	22.74	23	0
			7	825.5	20415	22.57	23	0
				836.5	20525	22.58	23	0
				847.5	20635	22.61	23	0
			14	825.5	20415	22.71	23	0
				836.5	20525	22.67	23	0
				847.5	20635	22.72	23	0
		8 RB	0	825.5	20415	22.49	23	0
				836.5	20525	22.49	23	0
				847.5	20635	22.62	23	0
			4	825.5	20415	22.52	23	0
				836.5	20525	22.46	23	0
				847.5	20635	22.47	23	0
			7	825.5	20415	22.51	23	0
				836.5	20525	22.47	23	0
				847.5	20635	22.51	23	0
		15RB		825.5	20415	22.53	23	0
				836.5	20525	22.52	23	0
				847.5	20635	22.55	23	0
	16-QAM	1 RB	0	825.5	20415	22.60	23	0
				836.5	20525	22.56	23	0
				847.5	20635	22.63	23	0
			7	825.5	20415	22.45	23	0
				836.5	20525	22.50	23	0
				847.5	20635	22.51	23	0
			14	825.5	20415	22.54	23	0
				836.5	20525	22.54	23	0
				847.5	20635	22.58	23	0
		8 RB	0	825.5	20415	22.60	23	0
				836.5	20525	22.56	23	0
				847.5	20635	22.46	23	0
			4	825.5	20415	22.56	23	0
				836.5	20525	22.57	23	0
				847.5	20635	22.52	23	0
			7	825.5	20415	22.54	23	0
				836.5	20525	22.56	23	0
				847.5	20635	22.55	23	0
		15RB		825.5	20415	22.63	23	0
				836.5	20525	22.62	23	0
				847.5	20635	22.49	23	0

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	825.5	20415	22.45	23	0
				836.5	20525	22.58	23	0
				847.5	20635	22.59	23	0
			7	825.5	20415	22.55	23	0
				836.5	20525	22.61	23	0
				847.5	20635	22.56	23	0
			14	825.5	20415	22.61	23	0
				836.5	20525	22.43	23	0
				847.5	20635	22.57	23	0
		8 RB	0	825.5	20415	22.47	23	0
				836.5	20525	22.45	23	0
				847.5	20635	22.61	23	0
			4	825.5	20415	22.60	23	0
				836.5	20525	22.44	23	0
				847.5	20635	22.48	23	0
			7	825.5	20415	22.52	23	0
				836.5	20525	22.45	23	0
				847.5	20635	22.57	23	0
		15RB		825.5	20415	22.54	23	0
				836.5	20525	22.48	23	0
				847.5	20635	22.46	23	0

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	824.7	20407	22.68	23	0
				836.5	20525	22.52	23	0
				848.3	20643	22.69	23	0
			2	824.7	20407	22.58	23	0
				836.5	20525	22.63	23	0
				848.3	20643	22.71	23	0
			5	824.7	20407	22.42	23	0
				836.5	20525	22.69	23	0
				848.3	20643	22.74	23	0
		3 RB	0	824.7	20407	22.62	23	0
				836.5	20525	22.48	23	0
				848.3	20643	22.49	23	0
			2	824.7	20407	22.51	23	0
				836.5	20525	22.46	23	0
				848.3	20643	22.56	23	0
			3	824.7	20407	22.48	23	0
				836.5	20525	22.56	23	0
				848.3	20643	22.46	23	0
		6RB		824.7	20407	22.51	23	0
				836.5	20525	22.49	23	0
				848.3	20643	22.45	23	0
	16-QAM	1 RB	0	824.7	20407	22.47	23	0
				836.5	20525	22.49	23	0
				848.3	20643	22.62	23	0
			2	824.7	20407	22.46	23	0
				836.5	20525	22.45	23	0
				848.3	20643	22.50	23	0
			5	824.7	20407	22.53	23	0
				836.5	20525	22.58	23	0
				848.3	20643	22.46	23	0
		3 RB	0	824.7	20407	22.51	23	0
				836.5	20525	22.46	23	0
				848.3	20643	22.61	23	0
			2	824.7	20407	22.54	23	0
				836.5	20525	22.44	23	0
				848.3	20643	22.62	23	0
			3	824.7	20407	22.62	23	0
				836.5	20525	22.46	23	0
				848.3	20643	22.54	23	0
		6RB		824.7	20407	22.46	23	0
				836.5	20525	22.47	23	0
				848.3	20643	22.53	23	0

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FDD Band 5								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	824.7	20407	22.46	23	0
				836.5	20525	22.56	23	0
				848.3	20643	22.45	23	0
			2	824.7	20407	22.59	23	0
				836.5	20525	22.48	23	0
				848.3	20643	22.50	23	0
			5	824.7	20407	22.51	23	0
				836.5	20525	22.58	23	0
				848.3	20643	22.51	23	0
		3 RB	0	824.7	20407	22.56	23	0
				836.5	20525	22.47	23	0
				848.3	20643	22.45	23	0
			2	824.7	20407	22.61	23	0
				836.5	20525	22.45	23	0
				848.3	20643	22.53	23	0
			3	824.7	20407	22.54	23	0
				836.5	20525	22.44	23	0
				848.3	20643	22.46	23	0
		6RB		824.7	20407	22.59	23	0
				836.5	20525	22.53	23	0
				848.3	20643	22.58	23	0

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2510	20850	17.15	18	0
				2535	21100	17.33	18	0
				2560	21350	17.40	18	0
			50	2510	20850	17.12	18	0
				2535	21100	17.23	18	0
				2560	21350	17.32	18	0
			99	2510	20850	17.29	18	0
				2535	21100	17.36	18	0
				2560	21350	17.36	18	0
		50 RB	0	2510	20850	17.21	18	0
				2535	21100	17.32	18	0
				2560	21350	17.38	18	0
			25	2510	20850	17.22	18	0
				2535	21100	17.31	18	0
				2560	21350	17.32	18	0
			50	2510	20850	17.29	18	0
				2535	21100	17.38	18	0
				2560	21350	17.38	18	0
		100RB		2510	20850	17.22	18	0
				2535	21100	17.32	18	0
				2560	21350	17.34	18	0
	16-QAM	1 RB	0	2510	20850	17.11	18	0
				2535	21100	17.25	18	0
				2560	21350	17.33	18	0
			50	2510	20850	17.08	18	0
				2535	21100	17.24	18	0
				2560	21350	17.24	18	0
			99	2510	20850	17.21	18	0
				2535	21100	17.32	18	0
				2560	21350	17.30	18	0
		50 RB	0	2510	20850	17.03	18	0
				2535	21100	17.04	18	0
				2560	21350	17.05	18	0
			25	2510	20850	16.95	18	0
				2535	21100	17.00	18	0
				2560	21350	17.12	18	0
			50	2510	20850	17.00	18	0
				2535	21100	17.09	18	0
				2560	21350	17.09	18	0
		100RB		2510	20850	16.92	18	0
				2535	21100	16.98	18	0
				2560	21350	17.03	18	0

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2510	20850	16.88	18	0
				2535	21100	17.05	18	0
				2560	21350	16.83	18	0
			50	2510	20850	16.91	18	0
				2535	21100	17.22	18	0
				2560	21350	17.00	18	0
			99	2510	20850	16.91	18	0
				2535	21100	17.11	18	0
				2560	21350	16.87	18	0
		50 RB	0	2510	20850	17.17	18	0
				2535	21100	17.09	18	0
				2560	21350	17.14	18	0
			25	2510	20850	17.28	18	0
				2535	21100	17.19	18	0
				2560	21350	17.17	18	0
			50	2510	20850	17.12	18	0
				2535	21100	17.16	18	0
				2560	21350	16.88	18	0
		100RB		2510	20850	16.92	18	0
				2535	21100	16.84	18	0
				2560	21350	16.90	18	0

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2507.5	20825	17.14	18	0
				2535	21100	17.22	18	0
				2562.5	21375	17.31	18	0
			36	2507.5	20825	16.94	18	0
				2535	21100	17.08	18	0
				2562.5	21375	17.14	18	0
			74	2507.5	20825	17.24	18	0
				2535	21100	17.32	18	0
				2562.5	21375	17.36	18	0
		36 RB	0	2507.5	20825	17.10	18	0
				2535	21100	17.25	18	0
				2562.5	21375	17.28	18	0
			18	2507.5	20825	17.13	18	0
				2535	21100	17.13	18	0
				2562.5	21375	17.23	18	0
			37	2507.5	20825	17.21	18	0
				2535	21100	17.21	18	0
				2562.5	21375	17.26	18	0
		75RB	2507.5	20825	17.20	18	0	
			2535	21100	17.16	18	0	
			2562.5	21375	17.26	18	0	
	16-QAM	1 RB	0	2507.5	20825	16.93	18	0
				2535	21100	17.15	18	0
				2562.5	21375	17.26	18	0
			36	2507.5	20825	17.03	18	0
				2535	21100	17.08	18	0
				2562.5	21375	17.09	18	0
			74	2507.5	20825	17.17	18	0
				2535	21100	17.30	18	0
				2562.5	21375	17.27	18	0
		36 RB	0	2507.5	20825	16.90	18	0
				2535	21100	16.86	18	0
				2562.5	21375	17.03	18	0
			18	2507.5	20825	16.84	18	0
				2535	21100	16.82	18	0
				2562.5	21375	17.09	18	0
			37	2507.5	20825	16.83	18	0
				2535	21100	17.07	18	0
				2562.5	21375	16.95	18	0
		75RB	2507.5	20825	16.77	18	0	
			2535	21100	16.95	18	0	
			2562.5	21375	16.84	18	0	

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2507.5	20825	16.84	18	0
				2535	21100	16.99	18	0
				2562.5	21375	16.68	18	0
			36	2507.5	20825	16.79	18	0
				2535	21100	17.09	18	0
				2562.5	21375	16.88	18	0
			74	2507.5	20825	16.81	18	0
				2535	21100	16.97	18	0
				2562.5	21375	16.73	18	0
		36 RB	0	2507.5	20825	16.99	18	0
				2535	21100	16.97	18	0
				2562.5	21375	17.05	18	0
			18	2507.5	20825	17.27	18	0
				2535	21100	17.11	18	0
				2562.5	21375	16.98	18	0
			37	2507.5	20825	17.01	18	0
				2535	21100	17.15	18	0
				2562.5	21375	16.76	18	0
		75RB		2507.5	20825	16.73	18	0
				2535	21100	16.74	18	0
				2562.5	21375	16.88	18	0

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2505	20800	17.02	18	0
				2535	21100	17.19	18	0
				2565	21400	17.25	18	0
			25	2505	20800	17.03	18	0
				2535	21100	17.14	18	0
				2565	21400	17.14	18	0
			49	2505	20800	17.15	18	0
				2535	21100	17.20	18	0
				2565	21400	17.22	18	0
		25 RB	0	2505	20800	17.11	18	0
				2535	21100	17.28	18	0
				2565	21400	17.24	18	0
			12	2505	20800	17.09	18	0
				2535	21100	17.19	18	0
				2565	21400	17.12	18	0
			25	2505	20800	17.22	18	0
				2535	21100	17.26	18	0
				2565	21400	17.28	18	0
		50RB		2505	20800	17.12	18	0
				2535	21100	17.16	18	0
				2565	21400	17.15	18	0
	16-QAM	1 RB	0	2505	20800	17.08	18	0
				2535	21100	17.10	18	0
				2565	21400	17.16	18	0
			25	2505	20800	17.06	18	0
				2535	21100	17.23	18	0
				2565	21400	17.18	18	0
			49	2505	20800	17.01	18	0
				2535	21100	17.13	18	0
				2565	21400	17.24	18	0
		25 RB	0	2505	20800	16.83	18	0
				2535	21100	16.91	18	0
				2565	21400	16.91	18	0
			12	2505	20800	16.92	18	0
				2535	21100	16.94	18	0
				2565	21400	17.07	18	0
			25	2505	20800	16.84	18	0
				2535	21100	17.08	18	0
				2565	21400	17.01	18	0
		50RB		2505	20800	16.83	18	0
				2535	21100	16.95	18	0
				2565	21400	16.91	18	0

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2505	20800	16.76	18	0
				2535	21100	16.93	18	0
				2565	21400	16.77	18	0
			25	2505	20800	16.82	18	0
				2535	21100	17.14	18	0
				2565	21400	16.93	18	0
			49	2505	20800	16.71	18	0
				2535	21100	17.05	18	0
				2565	21400	16.69	18	0
		25 RB	0	2505	20800	17.03	18	0
				2535	21100	17.04	18	0
				2565	21400	16.98	18	0
			12	2505	20800	17.19	18	0
				2535	21100	17.09	18	0
				2565	21400	17.16	18	0
			25	2505	20800	16.94	18	0
				2535	21100	17.02	18	0
				2565	21400	16.72	18	0
		50RB		2505	20800	16.78	18	0
				2535	21100	16.80	18	0
				2565	21400	16.83	18	0

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FDD Band 7								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2502.5	20775	17.01	18	0
				2535	21100	17.31	18	0
				2567.5	21425	17.22	18	0
			12	2502.5	20775	17.00	18	0
				2535	21100	17.04	18	0
				2567.5	21425	17.27	18	0
			24	2502.5	20775	17.12	18	0
				2535	21100	17.21	18	0
				2567.5	21425	17.21	18	0
		12 RB	0	2502.5	20775	17.16	18	0
				2535	21100	17.21	18	0
				2567.5	21425	17.26	18	0
			6	2502.5	20775	17.04	18	0
				2535	21100	17.26	18	0
				2567.5	21425	17.17	18	0
			13	2502.5	20775	17.17	18	0
				2535	21100	17.29	18	0
				2567.5	21425	17.29	18	0
		25RB		2502.5	20775	17.03	18	0
				2535	21100	17.17	18	0
				2567.5	21425	17.31	18	0
	16-QAM	1 RB	0	2502.5	20775	16.97	18	0
				2535	21100	17.12	18	0
				2567.5	21425	17.15	18	0
			12	2502.5	20775	16.90	18	0
				2535	21100	17.12	18	0
				2567.5	21425	17.16	18	0
			24	2502.5	20775	17.08	18	0
				2535	21100	17.16	18	0
				2567.5	21425	17.29	18	0
		12 RB	0	2502.5	20775	16.89	18	0
				2535	21100	16.91	18	0
				2567.5	21425	16.86	18	0
			6	2502.5	20775	16.95	18	0
				2535	21100	16.91	18	0
				2567.5	21425	16.95	18	0
			13	2502.5	20775	16.84	18	0
				2535	21100	17.05	18	0
				2567.5	21425	17.06	18	0
		25RB		2502.5	20775	16.90	18	0
				2535	21100	16.95	18	0
				2567.5	21425	17.00	18	0

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BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2502.5	20775	16.74	18	0
				2535	21100	16.90	18	0
				2567.5	21425	16.79	18	0
			12	2502.5	20775	16.78	18	0
				2535	21100	17.05	18	0
				2567.5	21425	16.90	18	0
			24	2502.5	20775	16.78	18	0
				2535	21100	17.07	18	0
				2567.5	21425	16.75	18	0
		12 RB	0	2502.5	20775	16.98	18	0
				2535	21100	16.94	18	0
				2567.5	21425	17.12	18	0
			6	2502.5	20775	17.14	18	0
				2535	21100	17.18	18	0
				2567.5	21425	17.08	18	0
			13	2502.5	20775	17.07	18	0
				2535	21100	17.05	18	0
				2567.5	21425	16.84	18	0
		25RB		2502.5	20775	16.81	18	0
				2535	21100	16.82	18	0
				2567.5	21425	16.73	18	0

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FDD Band 12									
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	
10	QPSK	1 RB	0	704	23060	21.05	22	0	
				707.5	23095	21.00	22	0	
				711	23130	21.06	22	0	
			25	704	23060	21.11	22	0	
				707.5	23095	21.06	22	0	
				711	23130	21.20	22	0	
			49	704	23060	21.13	22	0	
				707.5	23095	21.27	22	0	
				711	23130	21.46	22	0	
		25 RB	0	704	23060	21.16	22	0	
				707.5	23095	21.12	22	0	
				711	23130	21.06	22	0	
			12	704	23060	21.18	22	0	
				707.5	23095	21.11	22	0	
				711	23130	21.15	22	0	
			25	704	23060	21.16	22	0	
				707.5	23095	21.09	22	0	
				711	23130	21.21	22	0	
		50RB			704	23060	21.17	22	0
					707.5	23095	21.10	22	0
					711	23130	21.13	22	0
	16-QAM	1 RB	0	704	23060	21.17	22	0	
				707.5	23095	21.12	22	0	
				711	23130	21.14	22	0	
				704	23060	21.20	22	0	
				707.5	23095	21.16	22	0	
				711	23130	21.26	22	0	
			25	704	23060	21.22	22	0	
				707.5	23095	21.38	22	0	
				711	23130	21.33	22	0	
				704	23060	20.95	22	0	
				707.5	23095	20.90	22	0	
				711	23130	20.88	22	0	
			49	704	23060	20.96	22	0	
				707.5	23095	20.98	22	0	
				711	23130	20.99	22	0	
				704	23060	20.93	22	0	
				707.5	23095	20.90	22	0	
				711	23130	21.01	22	0	
		25 RB	0	704	23060	20.97	22	0	
				707.5	23095	20.92	22	0	
				711	23130	21.12	22	0	

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	704	23060	21.21	22	0
				707.5	23095	21.07	22	0
				711	23130	20.81	22	0
			25	704	23060	20.83	22	0
				707.5	23095	20.81	22	0
				711	23130	21.05	22	0
			49	704	23060	21.25	22	0
				707.5	23095	21.35	22	0
				711	23130	21.24	22	0
		25 RB	0	704	23060	20.89	22	0
				707.5	23095	21.26	22	0
				711	23130	21.20	22	0
			12	704	23060	21.19	22	0
				707.5	23095	20.94	22	0
				711	23130	20.95	22	0
			25	704	23060	20.85	22	0
				707.5	23095	21.05	22	0
				711	23130	21.02	22	0
		50RB		704	23060	20.95	22	0
				707.5	23095	21.08	22	0
				711	23130	21.28	22	0

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	701.5	23035	20.90	22	0
				707.5	23095	20.98	22	0
				713.5	23155	20.94	22	0
			12	701.5	23035	20.99	22	0
				707.5	23095	21.03	22	0
				713.5	23155	21.19	22	0
			24	701.5	23035	21.02	22	0
				707.5	23095	21.25	22	0
				713.5	23155	21.45	22	0
		12 RB	0	701.5	23035	21.13	22	0
				707.5	23095	20.93	22	0
				713.5	23155	20.89	22	0
			6	701.5	23035	21.04	22	0
				707.5	23095	21.07	22	0
				713.5	23155	21.13	22	0
			13	701.5	23035	20.97	22	0
				707.5	23095	21.05	22	0
				713.5	23155	21.20	22	0
		25RB		701.5	23035	21.00	22	0
				707.5	23095	21.09	22	0
				713.5	23155	21.08	22	0
	16-QAM	1 RB	0	701.5	23035	21.00	22	0
				707.5	23095	21.12	22	0
				713.5	23155	21.02	22	0
			12	701.5	23035	21.17	22	0
				707.5	23095	21.13	22	0
				713.5	23155	21.13	22	0
			24	701.5	23035	21.06	22	0
				707.5	23095	21.21	22	0
				713.5	23155	21.32	22	0
		12 RB	0	701.5	23035	20.92	22	0
				707.5	23095	20.83	22	0
				713.5	23155	20.71	22	0
			6	701.5	23035	20.87	22	0
				707.5	23095	20.81	22	0
				713.5	23155	20.96	22	0
			13	701.5	23035	20.91	22	0
				707.5	23095	20.71	22	0
				713.5	23155	20.88	22	0
		25RB		701.5	23035	20.80	22	0
				707.5	23095	20.84	22	0
				713.5	23155	21.07	22	0

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	701.5	23035	21.09	22	0
				707.5	23095	20.97	22	0
				713.5	23155	20.75	22	0
			12	701.5	23035	20.70	22	0
				707.5	23095	20.74	22	0
				713.5	23155	20.94	22	0
			24	701.5	23035	21.12	22	0
				707.5	23095	21.17	22	0
				713.5	23155	21.05	22	0
		12 RB	0	701.5	23035	20.73	22	0
				707.5	23095	21.12	22	0
				713.5	23155	21.14	22	0
			6	701.5	23035	21.05	22	0
				707.5	23095	20.90	22	0
				713.5	23155	20.86	22	0
			13	701.5	23035	20.80	22	0
				707.5	23095	20.96	22	0
				713.5	23155	21.01	22	0
		25RB		701.5	23035	20.76	22	0
				707.5	23095	20.90	22	0
				713.5	23155	21.10	22	0

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	700.5	23025	20.91	22	0
				707.5	23095	20.91	22	0
				714.5	23165	20.86	22	0
			7	700.5	23025	21.06	22	0
				707.5	23095	21.02	22	0
				714.5	23165	21.09	22	0
			14	700.5	23025	21.06	22	0
				707.5	23095	21.27	22	0
				714.5	23165	21.36	22	0
		8 RB	0	700.5	23025	20.99	22	0
				707.5	23095	21.11	22	0
				714.5	23165	20.97	22	0
			4	700.5	23025	21.09	22	0
				707.5	23095	20.99	22	0
				714.5	23165	21.05	22	0
			7	700.5	23025	20.97	22	0
				707.5	23095	21.03	22	0
				714.5	23165	21.15	22	0
		15RB		700.5	23025	21.07	22	0
				707.5	23095	20.91	22	0
				714.5	23165	21.11	22	0
	16-QAM	1 RB	0	700.5	23025	21.12	22	0
				707.5	23095	21.00	22	0
				714.5	23165	20.97	22	0
			7	700.5	23025	21.05	22	0
				707.5	23095	21.14	22	0
				714.5	23165	21.21	22	0
			14	700.5	23025	21.08	22	0
				707.5	23095	21.25	22	0
				714.5	23165	21.20	22	0
		8 RB	0	700.5	23025	20.85	22	0
				707.5	23095	20.70	22	0
				714.5	23165	20.69	22	0
			4	700.5	23025	20.90	22	0
				707.5	23095	20.85	22	0
				714.5	23165	20.85	22	0
			7	700.5	23025	20.80	22	0
				707.5	23095	20.71	22	0
				714.5	23165	20.86	22	0
		15RB		700.5	23025	20.80	22	0
				707.5	23095	20.73	22	0
				714.5	23165	20.98	22	0

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	700.5	23025	21.09	22	0
				707.5	23095	20.94	22	0
				714.5	23165	20.65	22	0
			7	700.5	23025	20.77	22	0
				707.5	23095	20.67	22	0
				714.5	23165	20.97	22	0
			14	700.5	23025	21.05	22	0
				707.5	23095	21.17	22	0
				714.5	23165	21.15	22	0
		8 RB	0	700.5	23025	20.72	22	0
				707.5	23095	21.08	22	0
				714.5	23165	21.05	22	0
			4	700.5	23025	21.03	22	0
				707.5	23095	20.86	22	0
				714.5	23165	20.89	22	0
			7	700.5	23025	20.78	22	0
				707.5	23095	21.04	22	0
				714.5	23165	20.83	22	0
		15RB		700.5	23025	20.79	22	0
				707.5	23095	21.00	22	0
				714.5	23165	21.16	22	0

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FDD Band 12								
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1.4	QPSK	1 RB	0	699.7	23017	21.03	22	0
				707.5	23095	20.97	22	0
				715.3	23173	20.91	22	0
			2	699.7	23017	20.99	22	0
				707.5	23095	21.05	22	0
				715.3	23173	21.02	22	0
			5	699.7	23017	20.97	22	0
				707.5	23095	21.25	22	0
				715.3	23173	21.41	22	0
		3 RB	0	699.7	23017	21.10	22	0
				707.5	23095	21.05	22	0
				715.3	23173	20.94	22	0
			2	699.7	23017	20.98	22	0
				707.5	23095	21.09	22	0
				715.3	23173	20.97	22	0
			3	699.7	23017	21.14	22	0
				707.5	23095	21.08	22	0
				715.3	23173	21.14	22	0
		6RB		699.7	23017	21.00	22	0
				707.5	23095	20.99	22	0
				715.3	23173	21.09	22	0
	16-QAM	1 RB	0	699.7	23017	20.99	22	0
				707.5	23095	21.03	22	0
				715.3	23173	21.08	22	0
			2	699.7	23017	21.12	22	0
				707.5	23095	21.00	22	0
				715.3	23173	21.11	22	0
			5	699.7	23017	21.18	22	0
				707.5	23095	21.31	22	0
				715.3	23173	21.24	22	0
		3 RB	0	699.7	23017	20.92	22	0
				707.5	23095	20.74	22	0
				715.3	23173	20.74	22	0
			2	699.7	23017	20.78	22	0
				707.5	23095	20.79	22	0
				715.3	23173	20.91	22	0
			3	699.7	23017	20.79	22	0
				707.5	23095	20.76	22	0
				715.3	23173	20.94	22	0
		6RB		699.7	23017	20.82	22	0
				707.5	23095	20.83	22	0
				715.3	23173	20.94	22	0

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FDD Band 12								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	699.7	23017	21.12	22	0
				707.5	23095	20.93	22	0
				715.3	23173	20.80	22	0
			2	699.7	23017	20.72	22	0
				707.5	23095	20.75	22	0
				715.3	23173	20.85	22	0
			5	699.7	23017	21.23	22	0
				707.5	23095	21.18	22	0
				715.3	23173	21.04	22	0
		3 RB	0	699.7	23017	20.82	22	0
				707.5	23095	21.06	22	0
				715.3	23173	21.14	22	0
			2	699.7	23017	21.01	22	0
				707.5	23095	20.91	22	0
				715.3	23173	20.76	22	0
			3	699.7	23017	20.69	22	0
				707.5	23095	20.98	22	0
				715.3	23173	20.87	22	0
		6RB		699.7	23017	20.91	22	0
				707.5	23095	21.05	22	0
				715.3	23173	21.26	22	0

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FDD Band 13								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	782	23230	21.82	22	0
			25	782	23230	21.74	22	0
			49	782	23230	21.65	22	0
		25 RB	0	782	23230	21.84	22	0
			12	782	23230	21.85	22	0
			25	782	23230	21.79	22	0
		50RB		782	23230	21.75	22	0
	16-QAM	1 RB	0	782	23230	21.74	22	0
			25	782	23230	21.75	22	0
			49	782	23230	21.56	22	0
		25 RB	0	782	23230	21.61	22	0
			12	782	23230	21.52	22	0
			25	782	23230	21.63	22	0
		50RB		782	23230	21.64	22	0
	64-QAM	1 RB	0	782	23230	21.57	22	0
			25	782	23230	21.58	22	0
			49	782	23230	21.51	22	0
		25 RB	0	782	23230	21.66	22	0
			12	782	23230	21.53	22	0
			25	782	23230	21.75	22	0
		50RB		782	23230	21.66	22	0

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FDD Band 13								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	779.5	23205	21.70	22	0
				782	23230	21.70	22	0
				784.5	23255	21.58	22	0
			12	779.5	23205	21.68	22	0
				782	23230	21.66	22	0
				784.5	23255	21.76	22	0
			24	779.5	23205	21.64	22	0
				782	23230	21.71	22	0
				784.5	23255	21.72	22	0
		12 RB	0	779.5	23205	21.54	22	0
				782	23230	21.47	22	0
				784.5	23255	21.43	22	0
			6	779.5	23205	21.48	22	0
				782	23230	21.61	22	0
				784.5	23255	21.46	22	0
			13	779.5	23205	21.57	22	0
				782	23230	21.45	22	0
				784.5	23255	21.64	22	0
		25RB		779.5	23205	21.41	22	0
				782	23230	21.72	22	0
				784.5	23255	21.54	22	0
	16-QAM	1 RB	0	779.5	23205	21.79	22	0
				782	23230	21.67	22	0
				784.5	23255	21.50	22	0
			12	779.5	23205	21.69	22	0
				782	23230	21.80	22	0
				784.5	23255	21.64	22	0
			24	779.5	23205	21.73	22	0
				782	23230	21.57	22	0
				784.5	23255	21.70	22	0
		12 RB	0	779.5	23205	21.43	22	0
				782	23230	21.45	22	0
				784.5	23255	21.48	22	0
			6	779.5	23205	21.55	22	0
				782	23230	21.59	22	0
				784.5	23255	21.42	22	0
			13	779.5	23205	21.43	22	0
				782	23230	21.50	22	0
				784.5	23255	21.51	22	0
		25RB		779.5	23205	21.44	22	0
				782	23230	21.70	22	0
				784.5	23255	21.60	22	0

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FDD Band 13								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	779.5	23205	21.70	22	0
				782	23230	21.63	22	0
				784.5	23255	21.45	22	0
			12	779.5	23205	21.66	22	0
				782	23230	21.69	22	0
				784.5	23255	21.79	22	0
			24	779.5	23205	21.69	22	0
				782	23230	21.59	22	0
				784.5	23255	21.71	22	0
		12 RB	0	779.5	23205	21.46	22	0
				782	23230	21.56	22	0
				784.5	23255	21.32	22	0
			6	779.5	23205	21.52	22	0
				782	23230	21.59	22	0
				784.5	23255	21.44	22	0
			13	779.5	23205	21.47	22	0
				782	23230	21.39	22	0
				784.5	23255	21.57	22	0
		25RB		779.5	23205	21.47	22	0
				782	23230	21.66	22	0
				784.5	23255	21.56	22	0

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FDD Band 14								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	793	23330	21.96	22	0
			25	793	23330	21.84	22	0
			49	793	23330	21.72	22	0
		25 RB	0	793	23330	21.95	22	0
			12	793	23330	21.90	22	0
			25	793	23330	21.82	22	0
		50RB		793	23330	21.89	22	0
	16-QAM	1 RB	0	793	23330	21.77	22	0
			25	793	23330	21.65	22	0
			49	793	23330	21.83	22	0
		25 RB	0	793	23330	21.79	22	0
			12	793	23330	21.64	22	0
			25	793	23330	21.85	22	0
		50RB		793	23330	21.76	22	0
	64-QAM	1 RB	0	793	23330	21.65	22	0
			25	793	23330	21.84	22	0
			49	793	23330	21.74	22	0
		25 RB	0	793	23330	21.62	22	0
			12	793	23330	21.81	22	0
			25	793	23330	21.79	22	0
		50RB		793	23330	21.75	22	0

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FDD Band 14								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	790.5	23305	21.78	22	0
				793	23330	21.72	22	0
				795.5	23355	21.58	22	0
			12	790.5	23305	21.91	22	0
				793	23330	21.62	22	0
				795.5	23355	21.72	22	0
			24	790.5	23305	21.67	22	0
				793	23330	21.70	22	0
				795.5	23355	21.60	22	0
		12 RB	0	790.5	23305	21.66	22	0
				793	23330	21.53	22	0
				795.5	23355	21.48	22	0
			6	790.5	23305	21.62	22	0
				793	23330	21.57	22	0
				795.5	23355	21.50	22	0
			13	790.5	23305	21.61	22	0
				793	23330	21.55	22	0
				795.5	23355	21.61	22	0
		25RB		790.5	23305	21.79	22	0
				793	23330	21.52	22	0
				795.5	23355	21.71	22	0
	16-QAM	1 RB	0	790.5	23305	21.92	22	0
				793	23330	21.61	22	0
				795.5	23355	21.71	22	0
			12	790.5	23305	21.93	22	0
				793	23330	21.82	22	0
				795.5	23355	21.61	22	0
			24	790.5	23305	21.73	22	0
				793	23330	21.53	22	0
				795.5	23355	21.40	22	0
		12 RB	0	790.5	23305	21.63	22	0
				793	23330	21.70	22	0
				795.5	23355	21.49	22	0
			6	790.5	23305	21.69	22	0
				793	23330	21.70	22	0
				795.5	23355	21.37	22	0
			13	790.5	23305	21.57	22	0
				793	23330	21.45	22	0
				795.5	23355	21.55	22	0
		25RB		790.5	23305	21.77	22	0
				793	23330	21.57	22	0
				795.5	23355	21.57	22	0

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FDD Band 14								
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5	64-QAM	1 RB	0	790.5	23305	21.72	22	0
				793	23330	21.77	22	0
				795.5	23355	21.50	22	0
			12	790.5	23305	21.92	22	0
				793	23330	21.64	22	0
				795.5	23355	21.69	22	0
			24	790.5	23305	21.84	22	0
				793	23330	21.57	22	0
				795.5	23355	21.37	22	0
		12 RB	0	790.5	23305	21.79	22	0
				793	23330	21.60	22	0
				795.5	23355	21.44	22	0
			6	790.5	23305	21.84	22	0
				793	23330	21.57	22	0
				795.5	23355	21.51	22	0
			13	790.5	23305	21.84	22	0
				793	23330	21.63	22	0
				795.5	23355	21.60	22	0
		25RB		790.5	23305	21.72	22	0
				793	23330	21.78	22	0
				795.5	23355	21.60	22	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	26140	19.67	20	0
				1882.5	26365	19.25	20	0
				1905	26590	19.28	20	0
			50	1860	26140	19.42	20	0
				1882.5	26365	18.96	20	0
				1905	26590	19.05	20	0
			99	1860	26140	19.14	20	0
				1882.5	26365	18.86	20	0
				1905	26590	19.09	20	0
		50 RB	0	1860	26140	19.58	20	0
				1882.5	26365	19.10	20	0
				1905	26590	19.22	20	0
			25	1860	26140	19.40	20	0
				1882.5	26365	19.02	20	0
				1905	26590	19.15	20	0
			50	1860	26140	19.34	20	0
				1882.5	26365	18.98	20	0
				1905	26590	19.11	20	0
		100RB		1860	26140	19.41	20	0
				1882.5	26365	19.05	20	0
				1905	26590	19.18	20	0
	16-QAM	1 RB	0	1860	26140	19.39	20	0
				1882.5	26365	19.52	20	0
				1905	26590	19.56	20	0
			50	1860	26140	19.56	20	0
				1882.5	26365	19.51	20	0
				1905	26590	19.44	20	0
			99	1860	26140	19.50	20	0
				1882.5	26365	19.20	20	0
				1905	26590	19.51	20	0
		50 RB	0	1860	26140	19.53	20	0
				1882.5	26365	19.16	20	0
				1905	26590	19.16	20	0
			25	1860	26140	19.49	20	0
				1882.5	26365	19.32	20	0
				1905	26590	19.36	20	0
			50	1860	26140	19.57	20	0
				1882.5	26365	19.26	20	0
				1905	26590	19.16	20	0
		100RB		1860	26140	19.26	20	0
				1882.5	26365	19.15	20	0
				1905	26590	19.38	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1860	26140	19.24	20	0
				1882.5	26365	19.44	20	0
				1905	26590	19.26	20	0
			50	1860	26140	19.60	20	0
				1882.5	26365	19.57	20	0
				1905	26590	19.55	20	0
			99	1860	26140	19.31	20	0
				1882.5	26365	19.51	20	0
				1905	26590	19.38	20	0
		50 RB	0	1860	26140	19.23	20	0
				1882.5	26365	19.52	20	0
				1905	26590	19.40	20	0
			25	1860	26140	19.21	20	0
				1882.5	26365	19.50	20	0
				1905	26590	19.58	20	0
			50	1860	26140	19.27	20	0
				1882.5	26365	19.57	20	0
				1905	26590	19.26	20	0
		100RB		1860	26140	19.12	20	0
				1882.5	26365	19.19	20	0
				1905	26590	19.38	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	26115	19.61	20	0
				1882.5	26365	19.05	20	0
				1907.5	26615	19.11	20	0
			36	1857.5	26115	19.30	20	0
				1882.5	26365	18.88	20	0
				1907.5	26615	18.92	20	0
			74	1857.5	26115	19.08	20	0
				1882.5	26365	18.71	20	0
				1907.5	26615	19.05	20	0
		36 RB	0	1857.5	26115	19.56	20	0
				1882.5	26365	19.06	20	0
				1907.5	26615	19.03	20	0
			18	1857.5	26115	19.34	20	0
				1882.5	26365	19.02	20	0
				1907.5	26615	19.03	20	0
			37	1857.5	26115	19.20	20	0
				1882.5	26365	18.89	20	0
				1907.5	26615	19.07	20	0
		75RB		1857.5	26115	19.26	20	0
				1882.5	26365	18.87	20	0
				1907.5	26615	19.08	20	0
	16-QAM	1 RB	0	1857.5	26115	19.21	20	0
				1882.5	26365	19.50	20	0
				1907.5	26615	19.50	20	0
			36	1857.5	26115	19.52	20	0
				1882.5	26365	19.33	20	0
				1907.5	26615	19.32	20	0
			74	1857.5	26115	19.34	20	0
				1882.5	26365	19.19	20	0
				1907.5	26615	19.31	20	0
		36 RB	0	1857.5	26115	19.34	20	0
				1882.5	26365	19.09	20	0
				1907.5	26615	19.04	20	0
			18	1857.5	26115	19.43	20	0
				1882.5	26365	19.28	20	0
				1907.5	26615	19.19	20	0
			37	1857.5	26115	19.52	20	0
				1882.5	26365	19.11	20	0
				1907.5	26615	19.07	20	0
		75RB		1857.5	26115	19.21	20	0
				1882.5	26365	19.00	20	0
				1907.5	26615	19.35	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1857.5	26115	19.15	20	0
				1882.5	26365	19.44	20	0
				1907.5	26615	19.21	20	0
			36	1857.5	26115	19.42	20	0
				1882.5	26365	19.38	20	0
				1907.5	26615	19.35	20	0
			74	1857.5	26115	19.21	20	0
				1882.5	26365	19.32	20	0
				1907.5	26615	19.31	20	0
		36 RB	0	1857.5	26115	19.15	20	0
				1882.5	26365	19.35	20	0
				1907.5	26615	19.40	20	0
			18	1857.5	26115	19.16	20	0
				1882.5	26365	19.43	20	0
				1907.5	26615	19.49	20	0
			37	1857.5	26115	19.14	20	0
				1882.5	26365	19.51	20	0
				1907.5	26615	19.12	20	0
		75RB		1857.5	26115	19.00	20	0
				1882.5	26365	19.12	20	0
				1907.5	26615	19.35	20	0

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FDD Band 25									
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	
10	QPSK	1 RB	0	1855	26090	19.60	20	0	
				1882.5	26365	19.16	20	0	
				1910	26640	19.11	20	0	
			25	1855	26090	19.24	20	0	
				1882.5	26365	18.89	20	0	
				1910	26640	18.99	20	0	
			49	1855	26090	19.04	20	0	
				1882.5	26365	18.79	20	0	
				1910	26640	19.00	20	0	
		25 RB	0	1855	26090	19.53	20	0	
				1882.5	26365	19.04	20	0	
				1910	26640	19.12	20	0	
			12	1855	26090	19.37	20	0	
				1882.5	26365	18.84	20	0	
				1910	26640	19.08	20	0	
			25	1855	26090	19.22	20	0	
				1882.5	26365	18.92	20	0	
				1910	26640	19.07	20	0	
		50RB			1855	26090	19.24	20	0
					1882.5	26365	18.85	20	0
					1910	26640	19.14	20	0
	16-QAM	1 RB	0	1855	26090	19.35	20	0	
				1882.5	26365	19.38	20	0	
				1910	26640	19.36	20	0	
			25	1855	26090	19.48	20	0	
				1882.5	26365	19.42	20	0	
				1910	26640	19.41	20	0	
			49	1855	26090	19.37	20	0	
				1882.5	26365	19.13	20	0	
				1910	26640	19.51	20	0	
		25 RB	0	1855	26090	19.45	20	0	
				1882.5	26365	19.05	20	0	
				1910	26640	19.04	20	0	
			12	1855	26090	19.38	20	0	
				1882.5	26365	19.19	20	0	
				1910	26640	19.18	20	0	
			25	1855	26090	19.54	20	0	
				1882.5	26365	19.10	20	0	
				1910	26640	19.11	20	0	
		50RB			1855	26090	19.08	20	0
					1882.5	26365	19.13	20	0
					1910	26640	19.32	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1855	26090	19.07	20	0
				1882.5	26365	19.30	20	0
				1910	26640	19.21	20	0
			25	1855	26090	19.52	20	0
				1882.5	26365	19.56	20	0
				1910	26640	19.44	20	0
			49	1855	26090	19.30	20	0
				1882.5	26365	19.41	20	0
				1910	26640	19.33	20	0
		25 RB	0	1855	26090	19.11	20	0
				1882.5	26365	19.36	20	0
				1910	26640	19.38	20	0
			12	1855	26090	19.17	20	0
				1882.5	26365	19.33	20	0
				1910	26640	19.55	20	0
			25	1855	26090	19.08	20	0
				1882.5	26365	19.45	20	0
				1910	26640	19.09	20	0
		50RB		1855	26090	19.07	20	0
				1882.5	26365	19.15	20	0
				1910	26640	19.29	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	26065	19.53	20	0
				1882.5	26365	19.17	20	0
				1912.5	26665	19.22	20	0
			12	1852.5	26065	19.26	20	0
				1882.5	26365	18.79	20	0
				1912.5	26665	18.95	20	0
			24	1852.5	26065	19.01	20	0
				1882.5	26365	18.85	20	0
				1912.5	26665	18.97	20	0
		12 RB	0	1852.5	26065	19.44	20	0
				1882.5	26365	19.06	20	0
				1912.5	26665	19.04	20	0
			6	1852.5	26065	19.35	20	0
				1882.5	26365	18.84	20	0
				1912.5	26665	19.11	20	0
			13	1852.5	26065	19.19	20	0
				1882.5	26365	18.85	20	0
				1912.5	26665	19.04	20	0
		25RB		1852.5	26065	19.30	20	0
				1882.5	26365	18.96	20	0
				1912.5	26665	19.00	20	0
	16-QAM	1 RB	0	1852.5	26065	19.34	20	0
				1882.5	26365	19.37	20	0
				1912.5	26665	19.50	20	0
			12	1852.5	26065	19.41	20	0
				1882.5	26365	19.34	20	0
				1912.5	26665	19.27	20	0
			24	1852.5	26065	19.32	20	0
				1882.5	26365	19.03	20	0
				1912.5	26665	19.35	20	0
		12 RB	0	1852.5	26065	19.40	20	0
				1882.5	26365	19.08	20	0
				1912.5	26665	19.14	20	0
			6	1852.5	26065	19.34	20	0
				1882.5	26365	19.29	20	0
				1912.5	26665	19.26	20	0
			13	1852.5	26065	19.40	20	0
				1882.5	26365	19.11	20	0
				1912.5	26665	19.01	20	0
		25RB		1852.5	26065	19.17	20	0
				1882.5	26365	19.11	20	0
				1912.5	26665	19.30	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1852.5	26065	19.13	20	0
				1882.5	26365	19.34	20	0
				1912.5	26665	19.21	20	0
			12	1852.5	26065	19.48	20	0
				1882.5	26365	19.51	20	0
				1912.5	26665	19.53	20	0
			24	1852.5	26065	19.15	20	0
				1882.5	26365	19.40	20	0
				1912.5	26665	19.22	20	0
		12 RB	0	1852.5	26065	19.09	20	0
				1882.5	26365	19.42	20	0
				1912.5	26665	19.24	20	0
			6	1852.5	26065	19.15	20	0
				1882.5	26365	19.32	20	0
				1912.5	26665	19.54	20	0
			13	1852.5	26065	19.13	20	0
				1882.5	26365	19.37	20	0
				1912.5	26665	19.20	20	0
		25RB		1852.5	26065	19.03	20	0
				1882.5	26365	19.17	20	0
				1912.5	26665	19.23	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	26055	19.49	20	0
				1882.5	26365	19.11	20	0
				1913.5	26675	19.25	20	0
			7	1851.5	26055	19.24	20	0
				1882.5	26365	18.81	20	0
				1913.5	26675	18.92	20	0
			14	1851.5	26055	19.12	20	0
				1882.5	26365	18.66	20	0
				1913.5	26675	19.01	20	0
		8 RB	0	1851.5	26055	19.43	20	0
				1882.5	26365	19.05	20	0
				1913.5	26675	19.14	20	0
			4	1851.5	26055	19.28	20	0
				1882.5	26365	18.99	20	0
				1913.5	26675	19.14	20	0
			7	1851.5	26055	19.24	20	0
				1882.5	26365	18.81	20	0
				1913.5	26675	19.03	20	0
		15RB		1851.5	26055	19.36	20	0
				1882.5	26365	18.86	20	0
				1913.5	26675	19.05	20	0
	16-QAM	1 RB	0	1851.5	26055	19.38	20	0
				1882.5	26365	19.51	20	0
				1913.5	26675	19.49	20	0
			7	1851.5	26055	19.56	20	0
				1882.5	26365	19.36	20	0
				1913.5	26675	19.44	20	0
			14	1851.5	26055	19.36	20	0
				1882.5	26365	19.15	20	0
				1913.5	26675	19.45	20	0
		8 RB	0	1851.5	26055	19.40	20	0
				1882.5	26365	19.11	20	0
				1913.5	26675	19.00	20	0
			4	1851.5	26055	19.42	20	0
				1882.5	26365	19.12	20	0
				1913.5	26675	19.21	20	0
			7	1851.5	26055	19.53	20	0
				1882.5	26365	19.15	20	0
				1913.5	26675	19.04	20	0
		15RB		1851.5	26055	19.23	20	0
				1882.5	26365	19.03	20	0
				1913.5	26675	19.28	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	26055	19.21	20	0
				1882.5	26365	19.32	20	0
				1913.5	26675	19.12	20	0
			7	1851.5	26055	19.46	20	0
				1882.5	26365	19.54	20	0
				1913.5	26675	19.37	20	0
			14	1851.5	26055	19.26	20	0
				1882.5	26365	19.37	20	0
				1913.5	26675	19.26	20	0
		8 RB	0	1851.5	26055	19.03	20	0
				1882.5	26365	19.48	20	0
				1913.5	26675	19.26	20	0
			4	1851.5	26055	19.18	20	0
				1882.5	26365	19.49	20	0
				1913.5	26675	19.51	20	0
			7	1851.5	26055	19.12	20	0
				1882.5	26365	19.43	20	0
				1913.5	26675	19.09	20	0
		15RB		1851.5	26055	18.93	20	0
				1882.5	26365	19.12	20	0
				1913.5	26675	19.21	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	26047	19.48	20	0
				1882.5	26365	19.12	20	0
				1914.3	26683	19.24	20	0
			2	1850.7	26047	19.36	20	0
				1882.5	26365	18.92	20	0
				1914.3	26683	18.92	20	0
			5	1850.7	26047	19.06	20	0
				1882.5	26365	18.79	20	0
				1914.3	26683	19.04	20	0
		3 RB	0	1850.7	26047	19.52	20	0
				1882.5	26365	18.97	20	0
				1914.3	26683	19.08	20	0
			2	1850.7	26047	19.36	20	0
				1882.5	26365	18.93	20	0
				1914.3	26683	19.13	20	0
			3	1850.7	26047	19.18	20	0
				1882.5	26365	18.83	20	0
				1914.3	26683	18.99	20	0
		6RB		1850.7	26047	19.35	20	0
				1882.5	26365	18.97	20	0
				1914.3	26683	19.06	20	0
	16-QAM	1 RB	0	1850.7	26047	19.38	20	0
				1882.5	26365	19.48	20	0
				1914.3	26683	19.56	20	0
			2	1850.7	26047	19.47	20	0
				1882.5	26365	19.50	20	0
				1914.3	26683	19.37	20	0
			5	1850.7	26047	19.43	20	0
				1882.5	26365	19.11	20	0
				1914.3	26683	19.47	20	0
		3 RB	0	1850.7	26047	19.41	20	0
				1882.5	26365	19.03	20	0
				1914.3	26683	18.98	20	0
			2	1850.7	26047	19.40	20	0
				1882.5	26365	19.20	20	0
				1914.3	26683	19.36	20	0
			3	1850.7	26047	19.46	20	0
				1882.5	26365	19.08	20	0
				1914.3	26683	19.02	20	0
		6RB		1850.7	26047	19.19	20	0
				1882.5	26365	19.07	20	0
				1914.3	26683	19.37	20	0

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FDD Band 25								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	26047	19.12	20	0
				1882.5	26365	19.32	20	0
				1914.3	26683	19.13	20	0
			2	1850.7	26047	19.45	20	0
				1882.5	26365	19.50	20	0
				1914.3	26683	19.52	20	0
			5	1850.7	26047	19.21	20	0
				1882.5	26365	19.36	20	0
				1914.3	26683	19.31	20	0
		3 RB	0	1850.7	26047	19.15	20	0
				1882.5	26365	19.37	20	0
				1914.3	26683	19.39	20	0
			2	1850.7	26047	19.17	20	0
				1882.5	26365	19.39	20	0
				1914.3	26683	19.46	20	0
			3	1850.7	26047	19.23	20	0
				1882.5	26365	19.47	20	0
				1914.3	26683	19.15	20	0
		6RB		1850.7	26047	18.93	20	0
				1882.5	26365	18.99	20	0
				1914.3	26683	19.22	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	132072	19.45	20	0
				1745	132322	19.42	20	0
				1770	132572	19.51	20	0
			50	1720	132072	19.18	20	0
				1745	132322	19.23	20	0
				1770	132572	19.35	20	0
			99	1720	132072	19.11	20	0
				1745	132322	19.18	20	0
				1770	132572	19.41	20	0
		50 RB	0	1720	132072	19.35	20	0
				1745	132322	19.42	20	0
				1770	132572	19.50	20	0
			25	1720	132072	19.27	20	0
				1745	132322	19.33	20	0
				1770	132572	19.40	20	0
			50	1720	132072	19.20	20	0
				1745	132322	19.28	20	0
				1770	132572	19.43	20	0
		100RB		1720	132072	19.26	20	0
				1745	132322	19.35	20	0
				1770	132572	19.44	20	0
	16-QAM	1 RB	0	1720	132072	19.49	20	0
				1745	132322	19.46	20	0
				1770	132572	19.44	20	0
			50	1720	132072	19.41	20	0
				1745	132322	19.49	20	0
				1770	132572	19.43	20	0
			99	1720	132072	19.41	20	0
				1745	132322	19.44	20	0
				1770	132572	19.42	20	0
		50 RB	0	1720	132072	19.46	20	0
				1745	132322	19.44	20	0
				1770	132572	19.43	20	0
			25	1720	132072	19.44	20	0
				1745	132322	19.41	20	0
				1770	132572	19.48	20	0
			50	1720	132072	19.47	20	0
				1745	132322	19.45	20	0
				1770	132572	19.46	20	0
		100RB		1720	132072	19.43	20	0
				1745	132322	19.46	20	0
				1770	132572	19.41	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1720	132072	19.49	20	0
				1745	132322	19.42	20	0
				1770	132572	19.44	20	0
			50	1720	132072	19.45	20	0
				1745	132322	19.46	20	0
				1770	132572	19.45	20	0
			99	1720	132072	19.45	20	0
				1745	132322	19.43	20	0
				1770	132572	19.47	20	0
		50 RB	0	1720	132072	19.47	20	0
				1745	132322	19.46	20	0
				1770	132572	19.44	20	0
			25	1720	132072	19.48	20	0
				1745	132322	19.48	20	0
				1770	132572	19.50	20	0
			50	1720	132072	19.43	20	0
				1745	132322	19.49	20	0
				1770	132572	19.44	20	0
		100RB		1720	132072	19.43	20	0
				1745	132322	19.47	20	0
				1770	132572	19.48	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	132047	19.42	20	0
				1745	132322	19.41	20	0
				1772.5	132597	19.46	20	0
			36	1717.5	132047	19.14	20	0
				1745	132322	19.18	20	0
				1772.5	132597	19.31	20	0
			74	1717.5	132047	19.09	20	0
				1745	132322	19.17	20	0
				1772.5	132597	19.36	20	0
		36 RB	0	1717.5	132047	19.31	20	0
				1745	132322	19.42	20	0
				1772.5	132597	19.46	20	0
			18	1717.5	132047	19.27	20	0
				1745	132322	19.30	20	0
				1772.5	132597	19.30	20	0
			37	1717.5	132047	19.16	20	0
				1745	132322	19.19	20	0
				1772.5	132597	19.37	20	0
		75RB		1717.5	132047	19.20	20	0
				1745	132322	19.26	20	0
				1772.5	132597	19.42	20	0
	16-QAM	1 RB	0	1717.5	132047	19.42	20	0
				1745	132322	19.43	20	0
				1772.5	132597	19.43	20	0
			36	1717.5	132047	19.32	20	0
				1745	132322	19.43	20	0
				1772.5	132597	19.34	20	0
			74	1717.5	132047	19.39	20	0
				1745	132322	19.38	20	0
				1772.5	132597	19.36	20	0
		36 RB	0	1717.5	132047	19.44	20	0
				1745	132322	19.40	20	0
				1772.5	132597	19.41	20	0
			18	1717.5	132047	19.42	20	0
				1745	132322	19.35	20	0
				1772.5	132597	19.42	20	0
			37	1717.5	132047	19.44	20	0
				1745	132322	19.44	20	0
				1772.5	132597	19.38	20	0
		75RB		1717.5	132047	19.41	20	0
				1745	132322	19.44	20	0
				1772.5	132597	19.38	20	0

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BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1717.5	132047	19.49	20	0
				1745	132322	19.34	20	0
				1772.5	132597	19.44	20	0
			36	1717.5	132047	19.43	20	0
				1745	132322	19.37	20	0
				1772.5	132597	19.36	20	0
			74	1717.5	132047	19.36	20	0
				1745	132322	19.36	20	0
				1772.5	132597	19.42	20	0
		36 RB	0	1717.5	132047	19.44	20	0
				1745	132322	19.40	20	0
				1772.5	132597	19.44	20	0
			18	1717.5	132047	19.43	20	0
				1745	132322	19.44	20	0
				1772.5	132597	19.44	20	0
			37	1717.5	132047	19.38	20	0
				1745	132322	19.46	20	0
				1772.5	132597	19.37	20	0
		75RB		1717.5	132047	19.39	20	0
				1745	132322	19.40	20	0
				1772.5	132597	19.42	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	132022	19.38	20	0
				1745	132322	19.33	20	0
				1775	132622	19.48	20	0
			25	1715	132022	19.13	20	0
				1745	132322	19.15	20	0
				1775	132622	19.25	20	0
			49	1715	132022	19.02	20	0
				1745	132322	19.10	20	0
				1775	132622	19.34	20	0
		25 RB	0	1715	132022	19.26	20	0
				1745	132322	19.35	20	0
				1775	132622	19.43	20	0
			12	1715	132022	19.22	20	0
				1745	132322	19.32	20	0
				1775	132622	19.34	20	0
			25	1715	132022	19.15	20	0
				1745	132322	19.23	20	0
				1775	132622	19.37	20	0
		50RB		1715	132022	19.20	20	0
				1745	132322	19.28	20	0
				1775	132622	19.43	20	0
	16-QAM	1 RB	0	1715	132022	19.39	20	0
				1745	132322	19.38	20	0
				1775	132622	19.40	20	0
			25	1715	132022	19.34	20	0
				1745	132322	19.41	20	0
				1775	132622	19.38	20	0
			49	1715	132022	19.36	20	0
				1745	132322	19.36	20	0
				1775	132622	19.41	20	0
		25 RB	0	1715	132022	19.41	20	0
				1745	132322	19.39	20	0
				1775	132622	19.39	20	0
			12	1715	132022	19.37	20	0
				1745	132322	19.35	20	0
				1775	132622	19.48	20	0
			25	1715	132022	19.41	20	0
				1745	132322	19.36	20	0
				1775	132622	19.41	20	0
		50RB		1715	132022	19.36	20	0
				1745	132322	19.38	20	0
				1775	132622	19.36	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	132022	19.47	20	0
				1745	132322	19.38	20	0
				1775	132622	19.37	20	0
			25	1715	132022	19.41	20	0
				1745	132322	19.43	20	0
				1775	132622	19.36	20	0
			49	1715	132022	19.37	20	0
				1745	132322	19.35	20	0
				1775	132622	19.39	20	0
		25 RB	0	1715	132022	19.44	20	0
				1745	132322	19.38	20	0
				1775	132622	19.41	20	0
			12	1715	132022	19.46	20	0
				1745	132322	19.44	20	0
				1775	132622	19.43	20	0
			25	1715	132022	19.36	20	0
				1745	132322	19.43	20	0
				1775	132622	19.43	20	0
		50RB		1715	132022	19.39	20	0
				1745	132322	19.39	20	0
				1775	132622	19.38	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	131997	19.40	20	0
				1745	132322	19.36	20	0
				1777.5	132647	19.46	20	0
			12	1712.5	131997	19.09	20	0
				1745	132322	19.20	20	0
				1777.5	132647	19.28	20	0
			24	1712.5	131997	19.04	20	0
				1745	132322	19.10	20	0
				1777.5	132647	19.38	20	0
		12 RB	0	1712.5	131997	19.29	20	0
				1745	132322	19.35	20	0
				1777.5	132647	19.48	20	0
			6	1712.5	131997	19.23	20	0
				1745	132322	19.29	20	0
				1777.5	132647	19.31	20	0
			13	1712.5	131997	19.17	20	0
				1745	132322	19.21	20	0
				1777.5	132647	19.41	20	0
		25RB		1712.5	131997	19.22	20	0
				1745	132322	19.29	20	0
				1777.5	132647	19.37	20	0
	16-QAM	1 RB	0	1712.5	131997	19.48	20	0
				1745	132322	19.39	20	0
				1777.5	132647	19.44	20	0
			12	1712.5	131997	19.37	20	0
				1745	132322	19.42	20	0
				1777.5	132647	19.39	20	0
			24	1712.5	131997	19.33	20	0
				1745	132322	19.41	20	0
				1777.5	132647	19.40	20	0
		12 RB	0	1712.5	131997	19.43	20	0
				1745	132322	19.37	20	0
				1777.5	132647	19.42	20	0
			6	1712.5	131997	19.43	20	0
				1745	132322	19.33	20	0
				1777.5	132647	19.40	20	0
			13	1712.5	131997	19.47	20	0
				1745	132322	19.38	20	0
				1777.5	132647	19.37	20	0
		25RB		1712.5	131997	19.35	20	0
				1745	132322	19.38	20	0
				1777.5	132647	19.41	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1712.5	131997	19.40	20	0
				1745	132322	19.35	20	0
				1777.5	132647	19.41	20	0
			12	1712.5	131997	19.41	20	0
				1745	132322	19.41	20	0
				1777.5	132647	19.41	20	0
			24	1712.5	131997	19.42	20	0
				1745	132322	19.38	20	0
				1777.5	132647	19.38	20	0
		12 RB	0	1712.5	131997	19.39	20	0
				1745	132322	19.45	20	0
				1777.5	132647	19.35	20	0
			6	1712.5	131997	19.44	20	0
				1745	132322	19.40	20	0
				1777.5	132647	19.47	20	0
			13	1712.5	131997	19.40	20	0
				1745	132322	19.45	20	0
				1777.5	132647	19.34	20	0
		25RB		1712.5	131997	19.39	20	0
				1745	132322	19.38	20	0
				1777.5	132647	19.41	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	131987	19.39	20	0
				1745	132322	19.38	20	0
				1778.5	132657	19.43	20	0
			7	1711.5	131987	19.16	20	0
				1745	132322	19.16	20	0
				1778.5	132657	19.35	20	0
			14	1711.5	131987	19.10	20	0
				1745	132322	19.15	20	0
				1778.5	132657	19.38	20	0
		8 RB	0	1711.5	131987	19.25	20	0
				1745	132322	19.41	20	0
				1778.5	132657	19.45	20	0
			4	1711.5	131987	19.21	20	0
				1745	132322	19.32	20	0
				1778.5	132657	19.32	20	0
			7	1711.5	131987	19.14	20	0
				1745	132322	19.23	20	0
				1778.5	132657	19.34	20	0
		15RB		1711.5	131987	19.17	20	0
				1745	132322	19.28	20	0
				1778.5	132657	19.35	20	0
	16-QAM	1 RB	0	1711.5	131987	19.44	20	0
				1745	132322	19.45	20	0
				1778.5	132657	19.39	20	0
			7	1711.5	131987	19.39	20	0
				1745	132322	19.47	20	0
				1778.5	132657	19.36	20	0
			14	1711.5	131987	19.40	20	0
				1745	132322	19.43	20	0
				1778.5	132657	19.40	20	0
		8 RB	0	1711.5	131987	19.42	20	0
				1745	132322	19.37	20	0
				1778.5	132657	19.40	20	0
			4	1711.5	131987	19.43	20	0
				1745	132322	19.39	20	0
				1778.5	132657	19.41	20	0
			7	1711.5	131987	19.37	20	0
				1745	132322	19.45	20	0
				1778.5	132657	19.39	20	0
		15RB		1711.5	131987	19.39	20	0
				1745	132322	19.40	20	0
				1778.5	132657	19.40	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1711.5	131987	19.46	20	0
				1745	132322	19.41	20	0
				1778.5	132657	19.40	20	0
			7	1711.5	131987	19.43	20	0
				1745	132322	19.43	20	0
				1778.5	132657	19.37	20	0
			14	1711.5	131987	19.36	20	0
				1745	132322	19.35	20	0
				1778.5	132657	19.43	20	0
		8 RB	0	1711.5	131987	19.45	20	0
				1745	132322	19.38	20	0
				1778.5	132657	19.40	20	0
			4	1711.5	131987	19.45	20	0
				1745	132322	19.45	20	0
				1778.5	132657	19.49	20	0
			7	1711.5	131987	19.34	20	0
				1745	132322	19.41	20	0
				1778.5	132657	19.39	20	0
		15RB		1711.5	131987	19.34	20	0
				1745	132322	19.41	20	0
				1778.5	132657	19.39	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	131979	19.43	20	0
				1745	132322	19.36	20	0
				1779.3	132665	19.47	20	0
			2	1710.7	131979	19.12	20	0
				1745	132322	19.13	20	0
				1779.3	132665	19.34	20	0
			5	1710.7	131979	19.02	20	0
				1745	132322	19.10	20	0
				1779.3	132665	19.36	20	0
		3 RB	0	1710.7	131979	19.33	20	0
				1745	132322	19.39	20	0
				1779.3	132665	19.50	20	0
			2	1710.7	131979	19.22	20	0
				1745	132322	19.26	20	0
				1779.3	132665	19.38	20	0
			3	1710.7	131979	19.10	20	0
				1745	132322	19.26	20	0
				1779.3	132665	19.33	20	0
		6RB		1710.7	131979	19.24	20	0
				1745	132322	19.25	20	0
				1779.3	132665	19.34	20	0
	16-QAM	1 RB	0	1710.7	131979	19.40	20	0
				1745	132322	19.37	20	0
				1779.3	132665	19.41	20	0
			2	1710.7	131979	19.35	20	0
				1745	132322	19.46	20	0
				1779.3	132665	19.39	20	0
			5	1710.7	131979	19.34	20	0
				1745	132322	19.38	20	0
				1779.3	132665	19.40	20	0
		3 RB	0	1710.7	131979	19.40	20	0
				1745	132322	19.35	20	0
				1779.3	132665	19.39	20	0
			2	1710.7	131979	19.39	20	0
				1745	132322	19.35	20	0
				1779.3	132665	19.47	20	0
			3	1710.7	131979	19.44	20	0
				1745	132322	19.37	20	0
				1779.3	132665	19.42	20	0
		6RB		1710.7	131979	19.37	20	0
				1745	132322	19.37	20	0
				1779.3	132665	19.35	20	0

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FDD Band 66								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	131979	19.47	20	0
				1745	132322	19.38	20	0
				1779.3	132665	19.42	20	0
			2	1710.7	131979	19.40	20	0
				1745	132322	19.44	20	0
				1779.3	132665	19.42	20	0
			5	1710.7	131979	19.40	20	0
				1745	132322	19.37	20	0
				1779.3	132665	19.39	20	0
		3 RB	0	1710.7	131979	19.44	20	0
				1745	132322	19.43	20	0
				1779.3	132665	19.36	20	0
			2	1710.7	131979	19.44	20	0
				1745	132322	19.39	20	0
				1779.3	132665	19.42	20	0
			3	1710.7	131979	19.34	20	0
				1745	132322	19.44	20	0
				1779.3	132665	19.35	20	0
		6RB		1710.7	131979	19.41	20	0
				1745	132322	19.38	20	0
				1779.3	132665	19.47	20	0

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LTE TDD Band 38 / Band 41 power table (Reduced power):

TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2580	37850	21.51	22	0
				2595	38000	21.64	22	0
				2610	38150	21.68	22	0
			50	2580	37850	21.38	22	0
				2595	38000	21.42	22	0
				2610	38150	21.44	22	0
			99	2580	37850	21.33	22	0
				2595	38000	21.42	22	0
				2610	38150	21.43	22	0
		50 RB	0	2580	37850	21.63	22	0
				2595	38000	21.73	22	0
				2610	38150	21.67	22	0
			25	2580	37850	21.63	22	0
				2595	38000	21.6	22	0
				2610	38150	21.61	22	0
			50	2580	37850	21.54	22	0
				2595	38000	21.49	22	0
				2610	38150	21.54	22	0
		100RB		2580	37850	21.63	22	0
				2595	38000	21.57	22	0
				2610	38150	21.59	22	0
	16-QAM	1 RB	0	2580	37850	21.65	22	0
				2595	38000	21.66	22	0
				2610	38150	21.6	22	0
			50	2580	37850	21.69	22	0
				2595	38000	21.65	22	0
				2610	38150	21.5	22	0
			99	2580	37850	21.55	22	0
				2595	38000	21.54	22	0
				2610	38150	21.54	22	0
		50 RB	0	2580	37850	21.62	22	0
				2595	38000	21.64	22	0
				2610	38150	21.6	22	0
			25	2580	37850	21.66	22	0
				2595	38000	21.55	22	0
				2610	38150	21.62	22	0
			50	2580	37850	21.61	22	0
				2595	38000	21.52	22	0
				2610	38150	21.66	22	0
		100RB		2580	37850	21.51	22	0
				2595	38000	21.59	22	0
				2610	38150	21.61	22	0

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2580	37850	21.60	22	0
				2595	38000	21.65	22	0
				2610	38150	21.64	22	0
			50	2580	37850	21.52	22	0
				2595	38000	21.54	22	0
				2610	38150	21.66	22	0
			99	2580	37850	21.64	22	0
				2595	38000	21.51	22	0
				2610	38150	21.55	22	0
		50 RB	0	2580	37850	21.55	22	0
				2595	38000	21.54	22	0
				2610	38150	21.69	22	0
			25	2580	37850	21.51	22	0
				2595	38000	21.69	22	0
				2610	38150	21.55	22	0
			50	2580	37850	21.51	22	0
				2595	38000	21.59	22	0
				2610	38150	21.55	22	0
		100RB		2580	37850	21.66	22	0
				2595	38000	21.52	22	0
				2610	38150	21.67	22	0

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2577.5	37825	21.31	22	0
				2595	38000	21.46	22	0
				2612.5	38175	21.66	22	0
			36	2577.5	37825	21.31	22	0
				2595	38000	21.42	22	0
				2612.5	38175	21.28	22	0
			74	2577.5	37825	21.27	22	0
				2595	38000	21.24	22	0
				2612.5	38175	21.24	22	0
		36 RB	0	2577.5	37825	21.61	22	0
				2595	38000	21.53	22	0
				2612.5	38175	21.59	22	0
			18	2577.5	37825	21.61	22	0
				2595	38000	21.46	22	0
				2612.5	38175	21.54	22	0
			37	2577.5	37825	21.49	22	0
				2595	38000	21.30	22	0
				2612.5	38175	21.51	22	0
		75RB		2577.5	37825	21.44	22	0
				2595	38000	21.50	22	0
				2612.5	38175	21.46	22	0
	16-QAM	1 RB	0	2577.5	37825	21.56	22	0
				2595	38000	21.49	22	0
				2612.5	38175	21.52	22	0
			36	2577.5	37825	21.62	22	0
				2595	38000	21.59	22	0
				2612.5	38175	21.38	22	0
			74	2577.5	37825	21.39	22	0
				2595	38000	21.41	22	0
				2612.5	38175	21.39	22	0
		36 RB	0	2577.5	37825	21.43	22	0
				2595	38000	21.45	22	0
				2612.5	38175	21.43	22	0
			18	2577.5	37825	21.51	22	0
				2595	38000	21.38	22	0
				2612.5	38175	21.46	22	0
			37	2577.5	37825	21.59	22	0
				2595	38000	21.38	22	0
				2612.5	38175	21.62	22	0
		75RB		2577.5	37825	21.32	22	0
				2595	38000	21.55	22	0
				2612.5	38175	21.50	22	0

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2577.5	37825	21.55	22	0
				2595	38000	21.52	22	0
				2612.5	38175	21.50	22	0
			36	2577.5	37825	21.35	22	0
				2595	38000	21.39	22	0
				2612.5	38175	21.55	22	0
			74	2577.5	37825	21.59	22	0
				2595	38000	21.35	22	0
				2612.5	38175	21.52	22	0
		36 RB	0	2577.5	37825	21.44	22	0
				2595	38000	21.52	22	0
				2612.5	38175	21.51	22	0
			18	2577.5	37825	21.35	22	0
				2595	38000	21.58	22	0
				2612.5	38175	21.49	22	0
			37	2577.5	37825	21.39	22	0
				2595	38000	21.41	22	0
				2612.5	38175	21.49	22	0
		75RB		2577.5	37825	21.64	22	0
				2595	38000	21.36	22	0
				2612.5	38175	21.62	22	0

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2575	37800	21.38	22	0
				2595	38000	21.62	22	0
				2615	38200	21.54	22	0
			25	2575	37800	21.19	22	0
				2595	38000	21.26	22	0
				2615	38200	21.32	22	0
			49	2575	37800	21.22	22	0
				2595	38000	21.29	22	0
				2615	38200	21.32	22	0
		25 RB	0	2575	37800	21.51	22	0
				2595	38000	21.66	22	0
				2615	38200	21.56	22	0
			12	2575	37800	21.53	22	0
				2595	38000	21.45	22	0
				2615	38200	21.47	22	0
			25	2575	37800	21.44	22	0
				2595	38000	21.36	22	0
				2615	38200	21.38	22	0
		50RB		2575	37800	21.62	22	0
				2595	38000	21.50	22	0
				2615	38200	21.44	22	0
	16-QAM	1 RB	0	2575	37800	21.50	22	0
				2595	38000	21.57	22	0
				2615	38200	21.55	22	0
			25	2575	37800	21.64	22	0
				2595	38000	21.47	22	0
				2615	38200	21.42	22	0
			49	2575	37800	21.43	22	0
				2595	38000	21.44	22	0
				2615	38200	21.35	22	0
		25 RB	0	2575	37800	21.45	22	0
				2595	38000	21.52	22	0
				2615	38200	21.40	22	0
			12	2575	37800	21.49	22	0
				2595	38000	21.54	22	0
				2615	38200	21.46	22	0
			25	2575	37800	21.56	22	0
				2595	38000	21.35	22	0
				2615	38200	21.66	22	0
		50RB		2575	37800	21.41	22	0
				2595	38000	21.47	22	0
				2615	38200	21.43	22	0

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2575	37800	21.59	22	0
				2595	38000	21.45	22	0
				2615	38200	21.54	22	0
			25	2575	37800	21.42	22	0
				2595	38000	21.43	22	0
				2615	38200	21.53	22	0
			49	2575	37800	21.53	22	0
				2595	38000	21.45	22	0
				2615	38200	21.48	22	0
		25 RB	0	2575	37800	21.38	22	0
				2595	38000	21.40	22	0
				2615	38200	21.67	22	0
			12	2575	37800	21.32	22	0
				2595	38000	21.68	22	0
				2615	38200	21.47	22	0
			25	2575	37800	21.38	22	0
				2595	38000	21.46	22	0
				2615	38200	21.36	22	0
		50RB		2575	37800	21.48	22	0
				2595	38000	21.45	22	0
				2615	38200	21.54	22	0

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2572.5	37775	21.42	22	0
				2595	38000	21.49	22	0
				2617.5	38225	21.56	22	0
			12	2572.5	37775	21.22	22	0
				2595	38000	21.41	22	0
				2617.5	38225	21.33	22	0
			24	2572.5	37775	21.29	22	0
				2595	38000	21.34	22	0
				2617.5	38225	21.36	22	0
		12 RB	0	2572.5	37775	21.45	22	0
				2595	38000	21.65	22	0
				2617.5	38225	21.50	22	0
			6	2572.5	37775	21.48	22	0
				2595	38000	21.56	22	0
				2617.5	38225	21.43	22	0
			13	2572.5	37775	21.54	22	0
				2595	38000	21.31	22	0
				2617.5	38225	21.54	22	0
		25RB		2572.5	37775	21.54	22	0
				2595	38000	21.50	22	0
				2617.5	38225	21.55	22	0
	16-QAM	1 RB	0	2572.5	37775	21.61	22	0
				2595	38000	21.50	22	0
				2617.5	38225	21.54	22	0
			12	2572.5	37775	21.51	22	0
				2595	38000	21.49	22	0
				2617.5	38225	21.41	22	0
			24	2572.5	37775	21.55	22	0
				2595	38000	21.44	22	0
				2617.5	38225	21.41	22	0
		12 RB	0	2572.5	37775	21.56	22	0
				2595	38000	21.47	22	0
				2617.5	38225	21.53	22	0
			6	2572.5	37775	21.49	22	0
				2595	38000	21.42	22	0
				2617.5	38225	21.46	22	0
			13	2572.5	37775	21.53	22	0
				2595	38000	21.52	22	0
				2617.5	38225	21.65	22	0
		25RB		2572.5	37775	21.48	22	0
				2595	38000	21.51	22	0
				2617.5	38225	21.54	22	0

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TDD Band 38								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2572.5	37775	21.57	22	0
				2595	38000	21.57	22	0
				2617.5	38225	21.53	22	0
			12	2572.5	37775	21.43	22	0
				2595	38000	21.47	22	0
				2617.5	38225	21.47	22	0
			24	2572.5	37775	21.55	22	0
				2595	38000	21.43	22	0
				2617.5	38225	21.38	22	0
		12 RB	0	2572.5	37775	21.52	22	0
				2595	38000	21.54	22	0
				2617.5	38225	21.56	22	0
			6	2572.5	37775	21.51	22	0
				2595	38000	21.60	22	0
				2617.5	38225	21.46	22	0
			13	2572.5	37775	21.46	22	0
				2595	38000	21.54	22	0
				2617.5	38225	21.53	22	0
		25RB		2572.5	37775	21.60	22	0
				2595	38000	21.49	22	0
				2617.5	38225	21.55	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2506	39750	21.31	22	0
				2549.5	40185	21.69	22	0
				2593	40620	21.51	22	0
				2636.5	41055	21.45	22	0
				2680	41490	20.18	22	0
			50	2506	39750	21.15	22	0
				2549.5	40185	21.31	22	0
				2593	40620	21.33	22	0
				2636.5	41055	21.23	22	0
				2680	41490	21.11	22	0
			99	2506	39750	21.09	22	0
				2549.5	40185	21.33	22	0
				2593	40620	21.19	22	0
				2636.5	41055	21.14	22	0
				2680	41490	20.12	22	0
		50 RB	0	2506	39750	21.36	22	0
				2549.5	40185	21.58	22	0
				2593	40620	21.59	22	0
				2636.5	41055	21.44	22	0
				2680	41490	21.21	22	0
			25	2506	39750	21.30	22	0
				2549.5	40185	21.60	22	0
				2593	40620	21.52	22	0
				2636.5	41055	21.38	22	0
				2680	41490	21.30	22	0
			50	2506	39750	21.24	22	0
				2549.5	40185	21.50	22	0
				2593	40620	21.38	22	0
				2636.5	41055	21.29	22	0
				2680	41490	21.10	22	0
		100RB		2506	39750	21.30	22	0
				2549.5	40185	21.59	22	0
				2593	40620	21.52	22	0
				2636.5	41055	21.37	22	0
				2680	41490	21.12	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	16-QAM	1 RB	0	2506	39750	21.54	22	0
				2549.5	40185	21.60	22	0
				2593	40620	21.59	22	0
				2636.5	41055	21.61	22	0
				2680	41490	20.57	22	0
			50	2506	39750	21.39	22	0
				2549.5	40185	21.61	22	0
				2593	40620	21.62	22	0
				2636.5	41055	21.53	22	0
				2680	41490	21.43	22	0
			99	2506	39750	21.41	22	0
				2549.5	40185	21.58	22	0
				2593	40620	21.55	22	0
				2636.5	41055	21.49	22	0
				2680	41490	20.21	22	0
		50 RB	0	2506	39750	21.47	22	0
				2549.5	40185	21.60	22	0
				2593	40620	21.62	22	0
				2636.5	41055	21.53	22	0
				2680	41490	21.33	22	0
			25	2506	39750	21.41	22	0
				2549.5	40185	21.57	22	0
				2593	40620	21.61	22	0
				2636.5	41055	21.46	22	0
				2680	41490	21.42	22	0
			50	2506	39750	21.35	22	0
				2549.5	40185	21.54	22	0
				2593	40620	21.47	22	0
				2636.5	41055	21.37	22	0
				2680	41490	21.21	22	0
		100RB		2506	39750	21.43	22	0
				2549.5	40185	21.49	22	0
				2593	40620	21.60	22	0
				2636.5	41055	21.43	22	0
				2680	41490	21.21	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2506	39750	21.48	22	0
				2549.5	40185	21.55	22	0
				2593	40620	21.57	22	0
				2636.5	41055	21.53	22	0
				2680	41490	20.49	22	0
			50	2506	39750	21.38	22	0
				2549.5	40185	21.56	22	0
				2593	40620	21.59	22	0
				2636.5	41055	21.52	22	0
				2680	41490	21.38	22	0
			99	2506	39750	21.38	22	0
				2549.5	40185	21.49	22	0
				2593	40620	21.50	22	0
				2636.5	41055	21.45	22	0
				2680	41490	20.21	22	0
		50 RB	0	2506	39750	21.43	22	0
				2549.5	40185	21.59	22	0
				2593	40620	21.53	22	0
				2636.5	41055	21.45	22	0
				2680	41490	21.30	22	0
			25	2506	39750	21.39	22	0
				2549.5	40185	21.52	22	0
				2593	40620	21.52	22	0
				2636.5	41055	21.41	22	0
				2680	41490	21.39	22	0
			50	2506	39750	21.31	22	0
				2549.5	40185	21.54	22	0
				2593	40620	21.42	22	0
				2636.5	41055	21.30	22	0
				2680	41490	21.14	22	0
		100RB		2506	39750	21.39	22	0
				2549.5	40185	21.45	22	0
				2593	40620	21.55	22	0
				2636.5	41055	21.35	22	0
				2680	41490	21.16	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2503.5	39725	21.24	22	0
				2548.3	40173	21.69	22	0
				2593	40620	21.41	22	0
				2637.8	41068	21.42	22	0
				2682.5	41515	20.12	22	0
			36	2503.5	39725	21.07	22	0
				2548.3	40173	21.27	22	0
				2593	40620	21.24	22	0
				2637.8	41068	21.14	22	0
				2682.5	41515	21.10	22	0
			74	2503.5	39725	21.01	22	0
				2548.3	40173	21.31	22	0
				2593	40620	21.17	22	0
				2637.8	41068	21.11	22	0
				2682.5	41515	20.13	22	0
		36 RB	0	2503.5	39725	21.30	22	0
				2548.3	40173	21.48	22	0
				2593	40620	21.58	22	0
				2637.8	41068	21.35	22	0
				2682.5	41515	21.11	22	0
			18	2503.5	39725	21.22	22	0
				2548.3	40173	21.51	22	0
				2593	40620	21.44	22	0
				2637.8	41068	21.29	22	0
				2682.5	41515	21.25	22	0
			37	2503.5	39725	21.20	22	0
				2548.3	40173	21.46	22	0
				2593	40620	21.29	22	0
				2637.8	41068	21.25	22	0
				2682.5	41515	21.07	22	0
		75RB		2503.5	39725	21.29	22	0
				2548.3	40173	21.49	22	0
				2593	40620	21.50	22	0
				2637.8	41068	21.35	22	0
				2682.5	41515	21.07	22	0

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TDD Band 41								
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15	16-QAM	1 RB	0	2503.5	39725	21.52	22	0
				2548.3	40173	21.52	22	0
				2593	40620	21.52	22	0
				2637.8	41068	21.56	22	0
				2682.5	41515	20.49	22	0
			36	2503.5	39725	21.38	22	0
				2548.3	40173	21.60	22	0
				2593	40620	21.61	22	0
				2637.8	41068	21.45	22	0
				2682.5	41515	21.36	22	0
			74	2503.5	39725	21.40	22	0
				2548.3	40173	21.56	22	0
				2593	40620	21.48	22	0
				2637.8	41068	21.46	22	0
				2682.5	41515	20.11	22	0
		36 RB	0	2503.5	39725	21.38	22	0
				2548.3	40173	21.57	22	0
				2593	40620	21.59	22	0
				2637.8	41068	21.48	22	0
				2682.5	41515	21.29	22	0
			18	2503.5	39725	21.40	22	0
				2548.3	40173	21.56	22	0
				2593	40620	21.55	22	0
				2637.8	41068	21.39	22	0
				2682.5	41515	21.33	22	0
			37	2503.5	39725	21.31	22	0
				2548.3	40173	21.51	22	0
				2593	40620	21.40	22	0
				2637.8	41068	21.37	22	0
				2682.5	41515	21.14	22	0
		75RB		2503.5	39725	21.37	22	0
				2548.3	40173	21.44	22	0
				2593	40620	21.58	22	0
				2637.8	41068	21.35	22	0
				2682.5	41515	21.14	22	0

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BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2503.5	39725	21.39	22	0
				2548.3	40173	21.53	22	0
				2593	40620	21.53	22	0
				2637.8	41068	21.51	22	0
				2682.5	41515	20.42	22	0
			36	2503.5	39725	21.33	22	0
				2548.3	40173	21.49	22	0
				2593	40620	21.56	22	0
				2637.8	41068	21.50	22	0
				2682.5	41515	21.29	22	0
			74	2503.5	39725	21.29	22	0
				2548.3	40173	21.46	22	0
				2593	40620	21.41	22	0
				2637.8	41068	21.37	22	0
				2682.5	41515	20.17	22	0
		36 RB	0	2503.5	39725	21.36	22	0
				2548.3	40173	21.54	22	0
				2593	40620	21.44	22	0
				2637.8	41068	21.40	22	0
				2682.5	41515	21.27	22	0
			18	2503.5	39725	21.33	22	0
				2548.3	40173	21.50	22	0
				2593	40620	21.44	22	0
				2637.8	41068	21.34	22	0
				2682.5	41515	21.31	22	0
			37	2503.5	39725	21.22	22	0
				2548.3	40173	21.54	22	0
				2593	40620	21.34	22	0
				2637.8	41068	21.24	22	0
				2682.5	41515	21.05	22	0
		75RB		2503.5	39725	21.32	22	0
				2548.3	40173	21.43	22	0
				2593	40620	21.53	22	0
				2637.8	41068	21.25	22	0
				2682.5	41515	21.10	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2501	39700	21.27	22	0
				2547	40160	21.60	22	0
				2593	40620	21.47	22	0
				2639	41080	21.40	22	0
				2685	41540	20.15	22	0
			25	2501	39700	21.05	22	0
				2547	40160	21.28	22	0
				2593	40620	21.33	22	0
				2639	41080	21.17	22	0
				2685	41540	21.07	22	0
			49	2501	39700	21.09	22	0
				2547	40160	21.33	22	0
				2593	40620	21.11	22	0
				2639	41080	21.09	22	0
				2685	41540	20.16	22	0
		25 RB	0	2501	39700	21.35	22	0
				2547	40160	21.57	22	0
				2593	40620	21.52	22	0
				2639	41080	21.39	22	0
				2685	41540	21.21	22	0
			12	2501	39700	21.26	22	0
				2547	40160	21.58	22	0
				2593	40620	21.46	22	0
				2639	41080	21.28	22	0
				2685	41540	21.28	22	0
			25	2501	39700	21.22	22	0
				2547	40160	21.42	22	0
				2593	40620	21.31	22	0
				2639	41080	21.21	22	0
				2685	41540	21.02	22	0
		50RB		2501	39700	21.27	22	0
				2547	40160	21.58	22	0
				2593	40620	21.45	22	0
				2639	41080	21.34	22	0
				2685	41540	21.04	22	0

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BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	16-QAM	1 RB	0	2501	39700	21.52	22	0
				2547	40160	21.54	22	0
				2593	40620	21.52	22	0
				2639	41080	21.54	22	0
				2685	41540	20.49	22	0
			25	2501	39700	21.39	22	0
				2547	40160	21.53	22	0
				2593	40620	21.56	22	0
				2639	41080	21.51	22	0
				2685	41540	21.40	22	0
			49	2501	39700	21.40	22	0
				2547	40160	21.53	22	0
				2593	40620	21.55	22	0
				2639	41080	21.42	22	0
				2685	41540	20.19	22	0
		25 RB	0	2501	39700	21.38	22	0
				2547	40160	21.51	22	0
				2593	40620	21.53	22	0
				2639	41080	21.44	22	0
				2685	41540	21.31	22	0
			12	2501	39700	21.34	22	0
				2547	40160	21.55	22	0
				2593	40620	21.58	22	0
				2639	41080	21.45	22	0
				2685	41540	21.34	22	0
			25	2501	39700	21.28	22	0
				2547	40160	21.54	22	0
				2593	40620	21.47	22	0
				2639	41080	21.36	22	0
				2685	41540	21.14	22	0
		50RB		2501	39700	21.38	22	0
				2547	40160	21.43	22	0
				2593	40620	21.58	22	0
				2639	41080	21.39	22	0
				2685	41540	21.12	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2501	39700	21.42	22	0
				2547	40160	21.48	22	0
				2593	40620	21.51	22	0
				2639	41080	21.52	22	0
				2685	41540	20.45	22	0
			25	2501	39700	21.35	22	0
				2547	40160	21.52	22	0
				2593	40620	21.52	22	0
				2639	41080	21.44	22	0
				2685	41540	21.35	22	0
			49	2501	39700	21.30	22	0
				2547	40160	21.45	22	0
				2593	40620	21.45	22	0
				2639	41080	21.39	22	0
				2685	41540	20.12	22	0
		25 RB	0	2501	39700	21.41	22	0
				2547	40160	21.52	22	0
				2593	40620	21.46	22	0
				2639	41080	21.36	22	0
				2685	41540	21.30	22	0
			12	2501	39700	21.33	22	0
				2547	40160	21.48	22	0
				2593	40620	21.51	22	0
				2639	41080	21.33	22	0
				2685	41540	21.38	22	0
			25	2501	39700	21.22	22	0
				2547	40160	21.53	22	0
				2593	40620	21.37	22	0
				2639	41080	21.23	22	0
				2685	41540	21.04	22	0
		50RB		2501	39700	21.39	22	0
				2547	40160	21.37	22	0
				2593	40620	21.50	22	0
				2639	41080	21.34	22	0
				2685	41540	21.08	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2498.5	39675	21.27	22	0
				2547.8	40148	21.64	22	0
				2593	40620	21.46	22	0
				2640.3	41093	21.43	22	0
				2687.5	41565	20.14	22	0
			12	2498.5	39675	21.13	22	0
				2547.8	40148	21.29	22	0
				2593	40620	21.25	22	0
				2640.3	41093	21.20	22	0
				2687.5	41565	21.08	22	0
			24	2498.5	39675	21.04	22	0
				2547.8	40148	21.24	22	0
				2593	40620	21.09	22	0
				2640.3	41093	21.10	22	0
				2687.5	41565	20.11	22	0
		12 RB	0	2498.5	39675	21.32	22	0
				2547.8	40148	21.49	22	0
				2593	40620	21.51	22	0
				2640.3	41093	21.36	22	0
				2687.5	41565	21.16	22	0
			6	2498.5	39675	21.25	22	0
				2547.8	40148	21.57	22	0
				2593	40620	21.48	22	0
				2640.3	41093	21.37	22	0
				2687.5	41565	21.23	22	0
			13	2498.5	39675	21.18	22	0
				2547.8	40148	21.50	22	0
				2593	40620	21.37	22	0
				2640.3	41093	21.20	22	0
				2687.5	41565	21.06	22	0
		25RB		2498.5	39675	21.21	22	0
				2547.8	40148	21.57	22	0
				2593	40620	21.50	22	0
				2640.3	41093	21.29	22	0
				2687.5	41565	21.04	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	16-QAM	1 RB	0	2498.5	39675	21.49	22	0
				2547.8	40148	21.51	22	0
				2593	40620	21.51	22	0
				2640.3	41093	21.51	22	0
				2687.5	41565	20.48	22	0
			12	2498.5	39675	21.31	22	0
				2547.8	40148	21.57	22	0
				2593	40620	21.62	22	0
				2640.3	41093	21.53	22	0
				2687.5	41565	21.38	22	0
			24	2498.5	39675	21.32	22	0
				2547.8	40148	21.55	22	0
				2593	40620	21.53	22	0
				2640.3	41093	21.44	22	0
				2687.5	41565	20.12	22	0
		12 RB	0	2498.5	39675	21.43	22	0
				2547.8	40148	21.56	22	0
				2593	40620	21.54	22	0
				2640.3	41093	21.52	22	0
				2687.5	41565	21.32	22	0
			6	2498.5	39675	21.40	22	0
				2547.8	40148	21.55	22	0
				2593	40620	21.54	22	0
				2640.3	41093	21.44	22	0
				2687.5	41565	21.37	22	0
			13	2498.5	39675	21.33	22	0
				2547.8	40148	21.49	22	0
				2593	40620	21.45	22	0
				2640.3	41093	21.29	22	0
				2687.5	41565	21.15	22	0
		25RB		2498.5	39675	21.35	22	0
				2547.8	40148	21.43	22	0
				2593	40620	21.52	22	0
				2640.3	41093	21.39	22	0
				2687.5	41565	21.14	22	0

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TDD Band 41								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2498.5	39675	21.42	22	0
				2547.8	40148	21.51	22	0
				2593	40620	21.51	22	0
				2640.3	41093	21.44	22	0
				2687.5	41565	20.45	22	0
			12	2498.5	39675	21.34	22	0
				2547.8	40148	21.56	22	0
				2593	40620	21.53	22	0
				2640.3	41093	21.49	22	0
				2687.5	41565	21.34	22	0
			24	2498.5	39675	21.32	22	0
				2547.8	40148	21.40	22	0
				2593	40620	21.41	22	0
				2640.3	41093	21.41	22	0
				2687.5	41565	20.21	22	0
		12 RB	0	2498.5	39675	21.42	22	0
				2547.8	40148	21.52	22	0
				2593	40620	21.43	22	0
				2640.3	41093	21.45	22	0
				2687.5	41565	21.25	22	0
			6	2498.5	39675	21.33	22	0
				2547.8	40148	21.46	22	0
				2593	40620	21.44	22	0
				2640.3	41093	21.37	22	0
				2687.5	41565	21.33	22	0
			13	2498.5	39675	21.24	22	0
				2547.8	40148	21.51	22	0
				2593	40620	21.41	22	0
				2640.3	41093	21.24	22	0
				2687.5	41565	21.05	22	0
		25RB		2498.5	39675	21.37	22	0
				2547.8	40148	21.37	22	0
				2593	40620	21.49	22	0
				2640.3	41093	21.26	22	0
				2687.5	41565	21.06	22	0

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1.4 Test Environment

Ambient Temperature: 22±2° C

Tissue Simulating Liquid: 22±2° C

1.5 Operation Description

For WWAN, the EUT is controlled by using a Radio Communication Tester, and the communication between the EUT and the tester is established by air link.

WCDMA BII/IV / LTE B2/4/5/7/12/13/14/25/38/41/66

Bottom side_0mm with power reduction

Bottom side_21mm with full power

WCDMA BV / LTE B26

Bottom side_0mm with full power

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Note:

1. During the SAR testing, the DASY 5 system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
2. The 3G SAR test reduction procedure is applied to HSDPA with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSDPA) is $\leq \frac{1}{4}$ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSDPA).
3. The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA) is $\leq \frac{1}{4}$ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA).
4. The 3G SAR test reduction procedure is applied to HSPA+ with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA+) is $\leq \frac{1}{4}$ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA+). The following 1 sub-test was completed according to Release 7 procedures in section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

Table C.11.1.4: β values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM

Sub-test	β_c (Note 3)	β_d	β_{HS} (Note 1)	β_{ec}	β_{ed} (2xSF2) (Note 4)	β_{ed} (2xSF4) (Note 4)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 4)	E-TFCI (Note 5)	E-TFCI (boost)
1	1	0	30/15	30/15	β_{ed1} : 30/15 β_{ed2} : 30/15	β_{ed3} : 24/15 β_{ed4} : 24/15	3.5	2.5	14	105	105
<p>Note 1: Δ_{ACK}, Δ_{NACK} and $\Delta_{CQI} = 30/15$ with $\beta_{tx} = 30/15 * \beta_c$.</p> <p>Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).</p> <p>Note 3: DPDCH is not configured, therefore the β_c is set to 1 and $\beta_d = 0$ by default.</p> <p>Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.</p> <p>Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.</p>											

5. LTE modes test according to **KDB 941225D05v02r05**.

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a. Per Section 5.2.1, the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation.

- Using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
- When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.
- When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation

- The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.

c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for QPSK with 100% RB allocation

- For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg.
- Otherwise, SAR is measured for the highest output power channel and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

d. Per Section 5.2.4, Higher order modulations

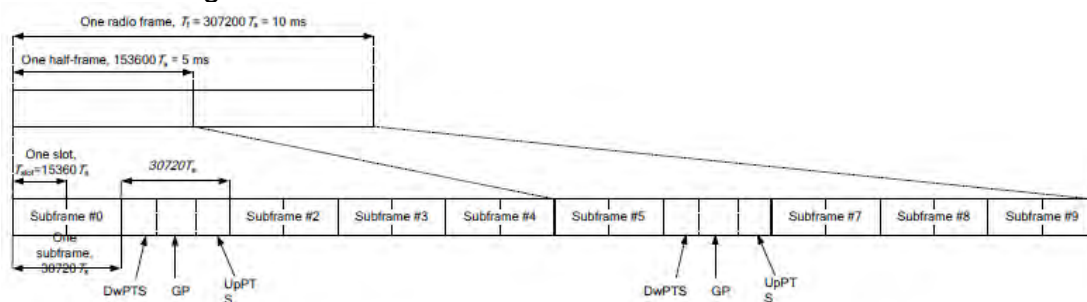
- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

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e. Per Section 5.3, other channel bandwidth standalone SAR test requirements

- For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section 5.2 to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is $> \frac{1}{2}$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.
- TDD LTE was tested at highest duty factor using UL-DL configuration 0 with 6 UL subframes and 2 S subframes using extended cyclic prefix only and special subframe configuration 7. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4, the duty factor for special subframe configuration 6 using extended cyclic prefix is 0.633. According to KDB 941225 D05, SAR testing for TDD LTE must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP TDD LTE configurations. The TDD-LTE of this device supports frame structure type 2 defined in 3GPP TS 36.211 section 4.2, and the frame structure configuration can be tabulated as below.



3GPP TS 36.211 Figure 4.2-1: Frame Structure Type 2

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Special Subframe Configuration	Normal Cyclic Prefix in Downlink			Extended Cyclic Prefix in Downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal Cyclic Prefix in Uplink	Extended Cyclic Prefix in Uplink		Normal Cyclic Prefix in Uplink	Extended Cyclic Prefix in Uplink
0	6592 • Ts	2192 • Ts	2560 • Ts	7680 • Ts	2192 • Ts	2560 • Ts
1	19760 • Ts			20480 • Ts		
2	21952 • Ts			23040 • Ts		
3	24144 • Ts			25600 • Ts		
4	26336 • Ts			7680 • Ts		
5	6592 • Ts	4384 • Ts	5120 • Ts	20480 • Ts	4384 • Ts	5120 • Ts
6	19760 • Ts			23040 • Ts		
7	21952 • Ts			12800 • Ts		
8	24144 • Ts			-		
9	13168 • Ts			-		

3GPP TS 36.211 Table 4.2-1: Configuration of Special Subframe

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-Point Periodicity	Subframe Number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

3GPP TS 36.211 Table 4.2-2: Uplink-Downlink Configurations

The uplink duty cycle of these seven configurations can be computed as below.

UL-DL Configuration	0	1	2	3	4	5	6
Highest Duty-Cycle	63.33%	43.33%	23.33%	31.67%	21.67%	11.67%	53.33%

Considering the highest transmission duty cycle, TDD LTE was tested using Uplink-Downlink configuration 0 with 6 uplink subframe and 2 special subframe. The special subframe was set to special subframe configuration 7 using extended cyclic prefix uplink. Therefore, SAR testing for TDD LTE was measured at the maximum output power with highest transmission duty cycle of 63.33%.

- According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is ≤ 0.8 W/kg, when the transmission band is ≤ 100 MHz.
- According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is ≥ 0.8 W/kg, repeated that measurement once. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit)

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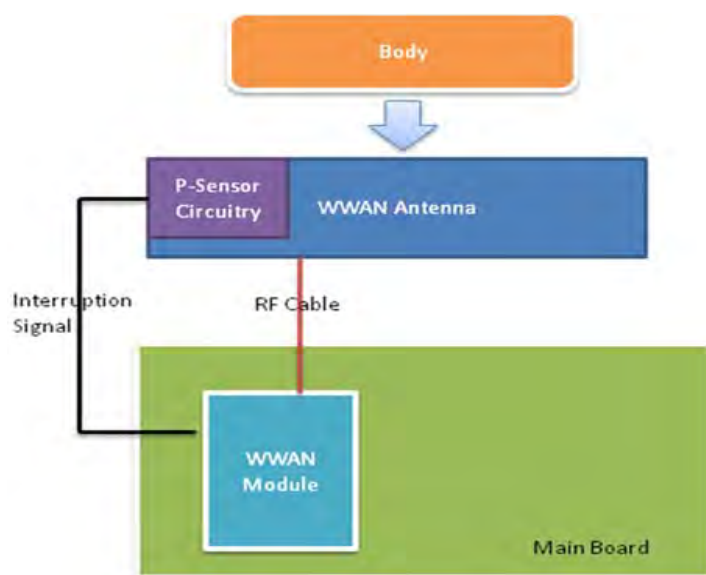
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1.6 Proximity sensor operation description

The P-sensor being used to reduce output power is capacitive in which when the object such as human body, metal or plastic is being approached, the sensing capacitance would be increased with the antenna pad. Once the capacitance is accumulated, and reached over the threshold as set in MCU of the microchip, the interruption signal is pulled low (High state without trigger) and further inform modem module of the transmitter to make power reduction.

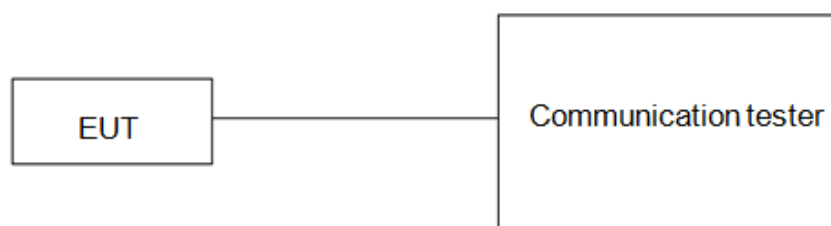


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1.6.1 Proximity sensor measurement procedure

1. The proximity sensor is collocated with WWAN antenna.
2. Output power is measured, and monitored by using the communication tester. A RF cables with sufficient length was being attached from the antenna port of the module, and used for the measurement. The appropriate loss attenuated from cable is compensated in the communication tester.



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1.6.2 Trigger distances for bottom side of keyboard

Test procedure:

1. The entire bottom side of the keyboard is positioned below a flat phantom filled with the required tissue equivalent medium and positioned at least 20 mm further than the distance that triggers power reduction.
2. The bottom side of the keyboard is moved toward the phantom in 3 mm steps until the sensor triggers.
3. The bottom side of the keyboard is again moved toward the phantom, but in 1 mm steps, until it is at least 5 mm past the triggering point or touching the phantom
4. If the bottom side of the keyboard is not touching the phantom, it is moved in 3 mm steps until it touches the phantom to confirm that the sensor remains triggered and the maximum power stays reduced.
5. The bottom side of the keyboard is then moved back (further away) from the phantom until maximum output power is returned to the normal maximum level.
6. The process is then reversed by moving the bottom side of the keyboard away from the phantom to determine triggering release, until it is at least 10 mm beyond the point that triggers the return of normal maximum power.
7. The measured output power within ± 5 mm of the triggering points, or until the bottom side of the keyboard is touching the phantom, for movements to and from the phantom should be tabulated.
8. To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for movements to

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and from the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.

9. For bottom side of keyboard, the trigger distance of proximity sensor is 22mm.

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1.6.3 Proximity sensor coverage

The following procedures do not apply and are not required for configurations where the antenna and sensor are collocated and the peak SAR location is overlapping with the sensor.

Test procedure:

1. The bottom side of keyboard is positioned at a test separation distance less than or equal to the distance required for bottom side of keyboard triggering, with both the antenna and sensor pad located at least 20 mm laterally outside the edge (boundary) of the phantom, along the direction of maximum antenna and sensor offset.
2. The similar sequence of steps applied to determine sensor triggering distance in section 1.6.2 are used to verify bottom side of keyboard sensor coverage by moving the bottom side of keyboard (sensor and antenna) horizontally toward the phantom while maintaining the same vertical separation between the bottom side of keyboard and the phantom.
3. After the exact location where triggering of power reduction is determined, with respect to the sensor and antenna, the bottom side movement of keyboard should be continued, in 3 mm increments, until both the sensor and antenna(s) are fully under the phantom and at least 20 mm inside the phantom edge.
4. The process is then repeated from the other direction, at the opposite end of maximum antenna and sensor offset, by rotating the keyboard bottom 180 degrees.

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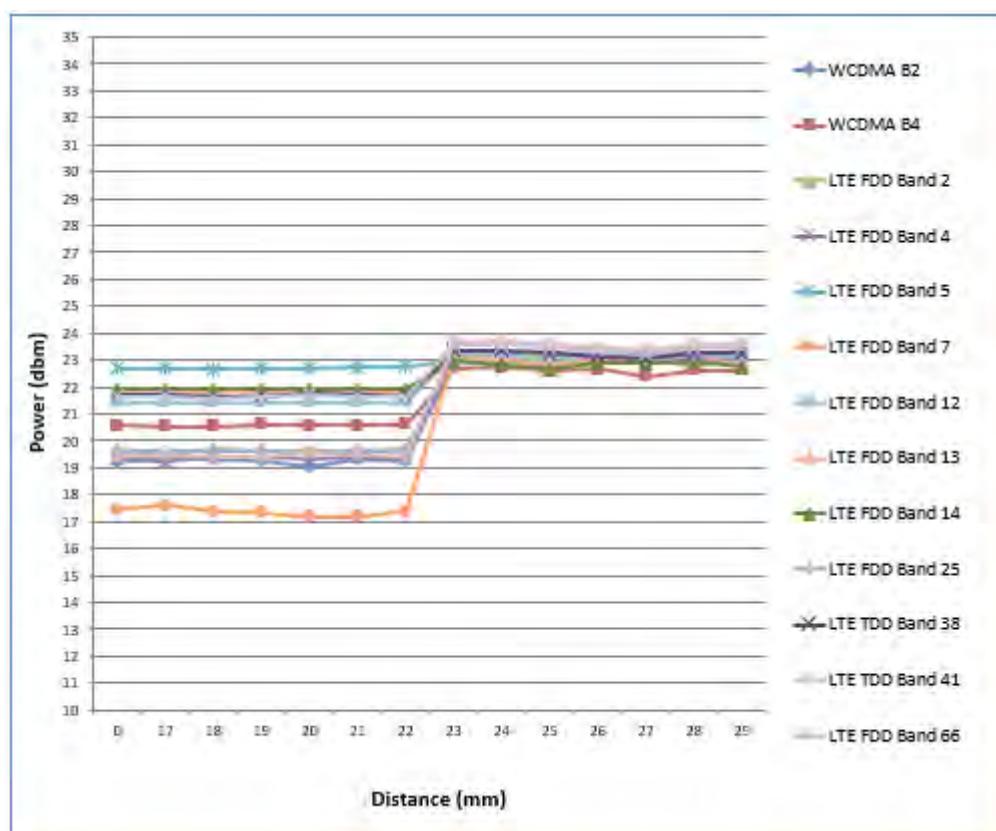
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1.6.4 Results

The measured output power within ± 5 mm of the triggering points, or until the bottom side of keyboard is touching the phantom, for movements to and from the phantom is tabulated in the following.

Bottom side of keyboard

Moving device toward the phantom



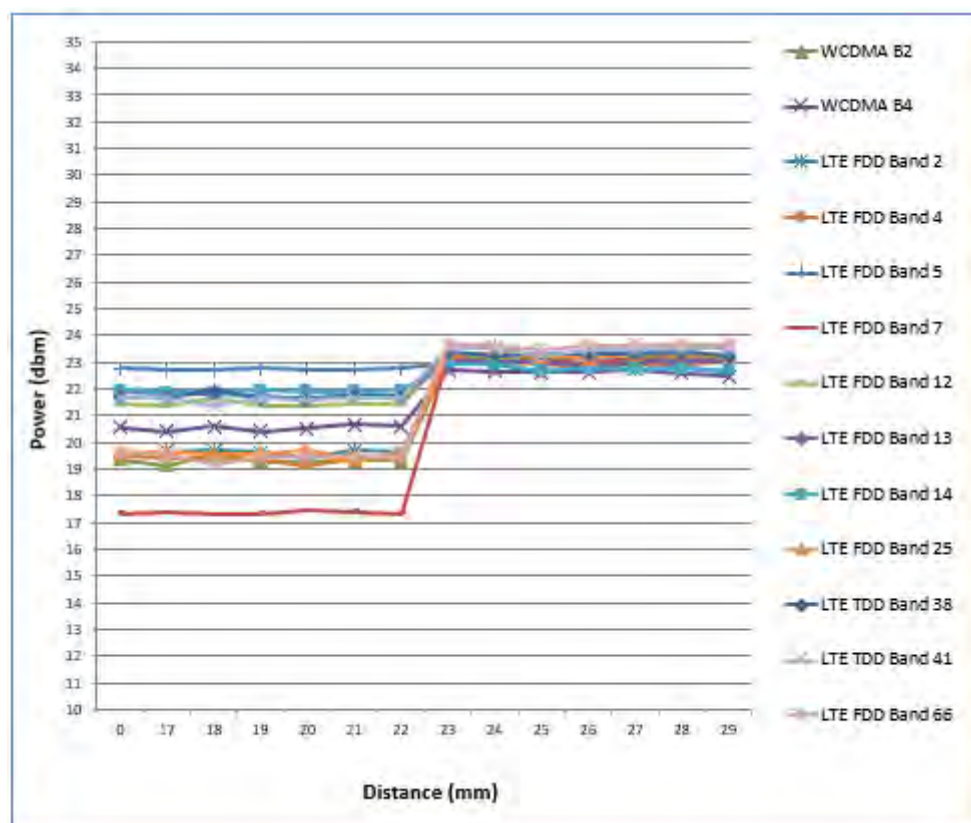
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Bottom side of keyboard

Moving device away from the phantom



For bottom side of keyboard, the worst trigger distance of proximity sensor is 22mm, and we test bottom side SAR in 21mm with full power and 0mm with power reduction.

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Note:

1. The triggering variations and hysteresis effect has been evaluated separately according to the tissue-equivalent medium required for each frequency band, and sensor triggering does not change with different tissue-equivalent media.
2. The default power level for sensor failure and malfunctioning, including all compliance concerns, has been addressed in 1.6.5 operation description for the proximity sensor implementation to be acceptable.
3. Conducted power is monitored qualitatively to identify the general triggering characteristics and recorded quantitatively, versus spacing.

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1.6.5 Operation description for P-sensor

Power Reduction Design Specification (for P-sensor)

The mechanism of power reduction is used only for WWAN. The reduced power for each technology/band is defined in Table1-1. With P-sensor mechanism, the WCDMA/LTE default power when P-sensor failure or malfunction are show in Table1-2 as below.

Table1-1 : The power reduction scenario table

Band	Power Reduction
WCDMA BII/IV	YES
LTE B2/4/5/7/12/13/14/25/38/41/66	YES
WCDMA BV / LTE B26	NO

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Table1-2 : The default maximum power when p-sensor failure or malfunction

Technology / Band	Mode	Default Maximum Power (dBm)
WCDMA B II	All	20
WCDMA B IV	All	21
LTE B2	All	20
LTE B4	All	20
LTE B5	All	23
LTE B7	All	18
LTE B12	All	22
LTE B13	All	22
LTE B14	All	22
LTE B25	All	20
LTE B38	All	22
LTE B41	All	22
LTE B66	All	20

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1.7 The SAR Measurement System

A block diagram of the SAR measurement System is given in Fig. a. This SAR Measurement System uses a Computer-controlled 3-D stepper motor system (SPEAG DASY 5 professional system). The model EX3DV4 field probe is used to determine the internal electric fields. The SAR can be obtained from the equation $SAR = \sigma (|E|^2) / \rho$ where σ and ρ are the conductivity and mass density of the tissue-simulant.

The DASY 5 system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Staubli RX family) with controller, teach pendant and software. An arm extension is for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

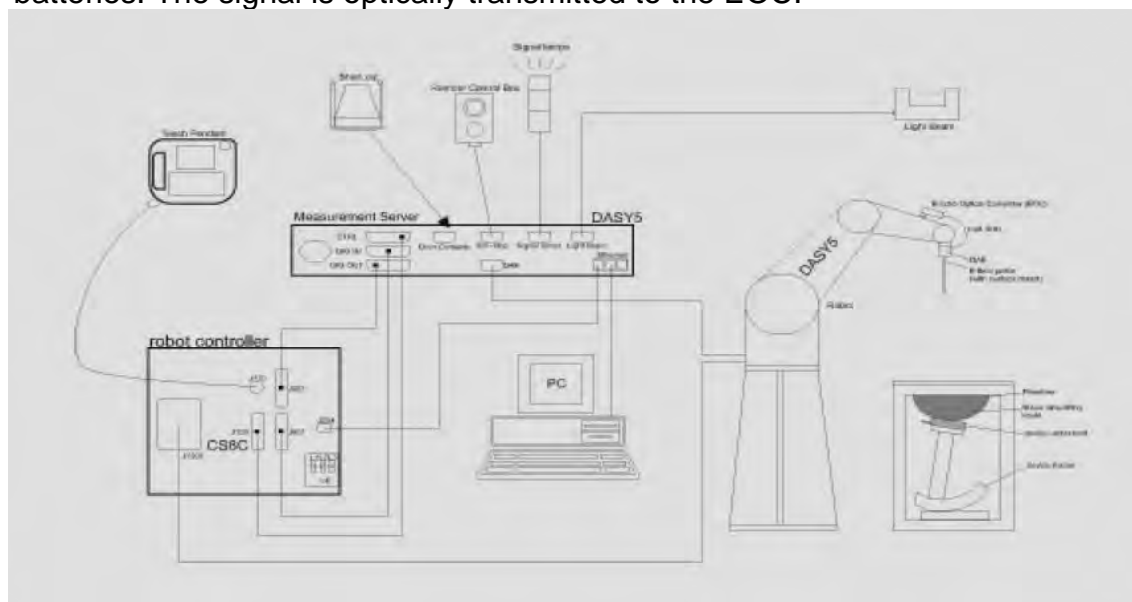


Fig. a The block diagram of SAR system

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4. The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to the DAE and for the analog signal from the optical surface detection. The EOC is connected to the measurement server.
5. The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
6. A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
7. A computer operating Windows 7.
8. DASY 5 software.
9. Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
10. The SAM twin phantom enabling testing left-hand and right-hand usage.
11. The device holder for handheld mobile phones.
12. Tissue simulating liquid mixed according to the given recipes.
13. Validation dipole kits allowing to validate the proper functioning of the system.

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1.8 System Components


EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)		
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL 750/835/1750/1900/2600MHz Additional CF for other liquids and frequencies upon request		
Frequency	10 MHz to > 6 GHz		
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)		
Dynamic Range	10 µW/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)		
Dimensions	Tip diameter: 2.5 mm		
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.		


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PHANTOM

Model	ELI	
Construction	The ELI phantom is used for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.	
Shell Thickness	2 ± 0.2 mm	
Filling Volume	Approx. 30 liters	
Dimensions	Major axis: 600 mm Minor axis: 400 mm	

DEVICE HOLDER

Construction	The device holder (Supporter) for Notebook is made by POM (polyoxymethylene resin) , which is non-metal and non-conductive. The height can be adjusted to fit varies kind of notebooks.	 <p>Device Holder</p>
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1.9 SAR System Verification

The microwave circuit arrangement for system verification is sketched in Fig. b. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within $\pm 10\%$ from the target SAR values. These tests were done at 750/835/1750/1900/2600MHz. The tests were conducted on the same days as the measurement of the DUT. The obtained results from the system accuracy verification are displayed in the table 1 (SAR values are normalized to 1W forward power delivered to the dipole). During the tests, the liquid depth above the ear reference points was $\geq 15 \text{ cm} \pm 5 \text{ mm}$ (frequency $\leq 3 \text{ GHz}$) or $\geq 10 \text{ cm} \pm 5 \text{ mm}$ (frequency $> 3 \text{ GHz}$) in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.

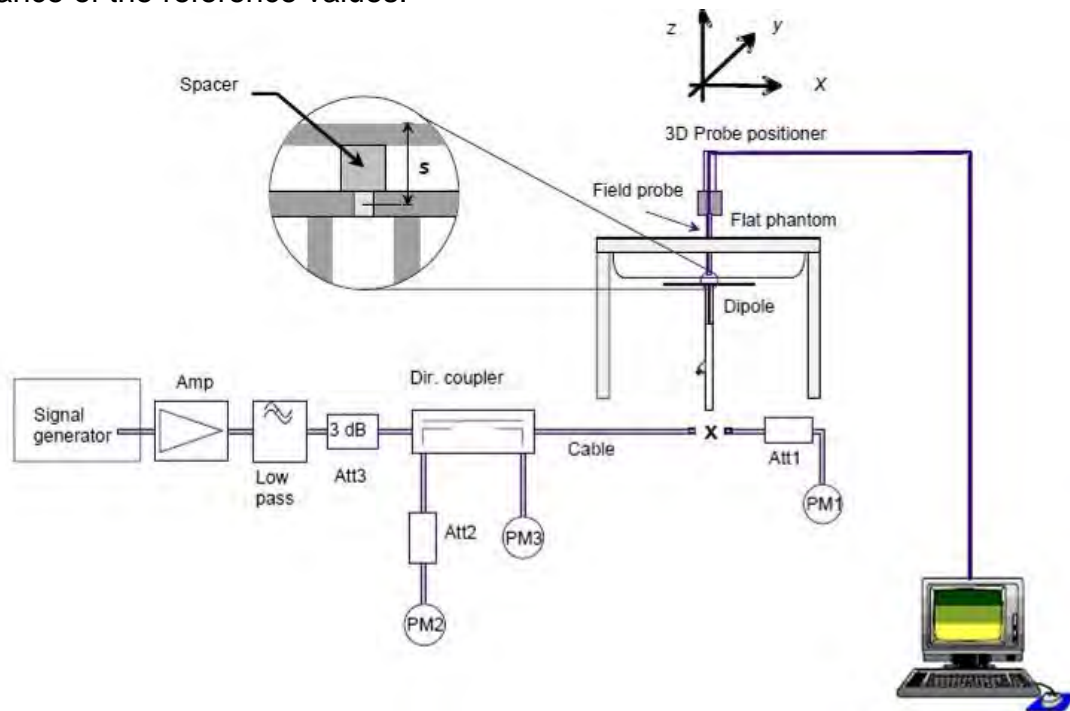


Fig. b The block diagram of system verification

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Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=250mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D750V3	1015	750	Head	8.6	2.12	8.48	-1.40%	Dec. 16, 2019
D835V2	4d063	835	Head	9.57	2.39	9.56	-0.10%	Dec. 13, 2019
			Head	9.57	2.43	9.72	1.57%	Dec. 17, 2019
D1750V2	1008	1750	Head	36.8	9.22	36.88	0.22%	Dec. 21, 2019
D1900V2	5d173	1900	Head	40.2	9.95	39.80	-1.00%	Dec. 24, 2019
D2600V2	1005	2600	Head	55.3	14.3	57.20	3.44%	Dec. 26, 2019
			Head	55.3	14.3	57.20	3.44%	Dec. 27, 2019

Table 1. Results of system verification

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1.10 Tissue Simulant Fluid for the Frequency Band

The dielectric properties for this Head-simulant fluid were measured by using the Agilent Model 85070E Dielectric Probe (rates frequency band 200 MHz to 20 GHz) in conjunction with Network Analyzer.

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The measured conductivity and permittivity are all within $\pm 5\%$ of the target values.

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ
Head	Dec, 16. 2019	704	42.181	0.890	41.940	0.884	-0.57%	-0.65%
		707.5	42.162	0.890	41.914	0.885	-0.59%	-0.57%
		711	42.144	0.890	41.891	0.886	-0.60%	-0.49%
		750	41.942	0.893	41.702	0.888	-0.57%	-0.60%
		782	41.775	0.896	41.508	0.890	-0.64%	-0.66%
		793	41.718	0.897	41.472	0.892	-0.59%	-0.53%
	Dec, 13. 2019	821.5	41.573	0.899	41.344	0.894	-0.55%	-0.55%
		826.4	41.545	0.899	41.308	0.895	-0.57%	-0.48%
		831.5	41.518	0.900	41.286	0.896	-0.56%	-0.41%
		835	41.500	0.900	41.239	0.897	-0.63%	-0.33%
		836.5	41.500	0.902	41.230	0.898	-0.65%	-0.40%
		836.6	41.500	0.902	41.259	0.898	-0.58%	-0.41%
		841.5	41.500	0.907	41.254	0.902	-0.59%	-0.55%
		846.6	41.500	0.912	41.251	0.908	-0.60%	-0.49%
	Dec, 17. 2019	829	41.531	0.900	41.299	0.895	-0.56%	-0.50%
		835	41.500	0.900	41.272	0.896	-0.55%	-0.44%
		836.5	41.500	0.902	41.233	0.897	-0.64%	-0.51%
		844	41.500	0.910	41.230	0.905	-0.65%	-0.52%
	Dec, 21. 2019	1712.4	40.138	1.349	40.359	1.359	0.55%	0.72%
		1720	40.126	1.354	40.339	1.363	0.53%	0.69%
		1732.4	40.107	1.361	40.315	1.370	0.52%	0.67%
		1732.5	40.107	1.361	40.299	1.371	0.48%	0.74%
		1745	40.087	1.368	40.295	1.378	0.52%	0.72%
		1750	40.079	1.371	40.291	1.380	0.53%	0.65%
		1752.6	40.075	1.373	40.280	1.382	0.51%	0.69%
		1770	40.047	1.383	40.248	1.392	0.50%	0.68%

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Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ
Head	Dec, 24. 2019	1852.4	40.000	1.400	40.245	1.411	0.61%	0.79%
		1860	40.000	1.400	40.240	1.412	0.60%	0.86%
		1880	40.000	1.400	40.220	1.413	0.55%	0.93%
		1882.5	40.000	1.400	40.212	1.414	0.53%	1.00%
		1900	40.000	1.400	40.202	1.415	0.50%	1.07%
		1905	40.000	1.400	40.200	1.416	0.50%	1.14%
		1907.6	40.000	1.400	40.152	1.417	0.38%	1.21%
	Dec, 26. 2019	2510	39.124	1.865	38.736	1.851	-0.99%	-0.77%
		2535	39.092	1.893	38.720	1.878	-0.95%	-0.78%
		2560	39.060	1.920	38.681	1.904	-0.97%	-0.83%
		2580	39.035	1.942	38.640	1.927	-1.01%	-0.76%
		2595	39.015	1.958	38.625	1.943	-1.00%	-0.78%
		2600	39.009	1.964	38.615	1.949	-1.01%	-0.75%
		2610	38.996	1.975	38.595	1.959	-1.03%	-0.79%
	Dec, 27. 2019	2506	39.129	1.861	38.757	1.846	-0.95%	-0.81%
		2549.5	39.073	1.909	38.663	1.894	-1.05%	-0.76%
		2593	39.018	1.956	38.612	1.941	-1.04%	-0.77%
		2600	39.009	1.964	38.609	1.948	-1.03%	-0.80%
		2636.5	38.963	2.003	38.554	1.987	-1.05%	-0.82%
		2680	38.907	2.051	38.534	2.034	-0.96%	-0.82%

Table 2. Dielectric Parameters of Tissue Simulant Fluid

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The composition of the body tissue simulating liquid:

Frequency (MHz)	Mode	Ingredient						Total amount
		DGMBE	Water	Salt	Preventol D-7	Cellulose	Sugar	
750	Head	—	532.98 g	18.3 g	2.4 g	3.2 g	766 g	1.3L(Kg)
850	Head	—	532.98 g	18.3 g	2.4 g	3.2 g	766 g	1.3L(Kg)
1750	Head	444.52 g	552.42 g	3.06 g	—	—	—	1.0L(Kg)
1900	Head	444.52 g	552.42 g	3.06 g	—	—	—	1.0L(Kg)
2600	Head	550ml	450ml	—	—	—	—	1.0L(Kg)

Table 3. Recipes for Tissue Simulating Liquid

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1.11 Evaluation Procedures

The entire evaluation of the spatial peak values is performed within the Post-processing engine (SEMCAD). The system always gives the maximum values for the 1 g and 10 g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

1. The extraction of the measured data (grid and values) from the Zoom Scan.
2. The calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters)
3. The generation of a high-resolution mesh within the measured volume
4. The interpolation of all measured values from the measurement grid to the high-resolution grid
5. The extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface
6. The calculation of the averaged SAR within masses of 1g and 10g.

The probe is calibrated at the center of the dipole sensors that is located 1 to 2.7mm away from the probe tip. During measurements, the probe stops shortly above the phantom surface, depending on the probe and the surface detecting system. Both distances are included as parameters in the probe configuration file. The software always knows exactly how far away the measured point is from the surface. As the probe cannot directly measure at the surface, the values between the deepest measured point and the surface must be extrapolated. The angle between the probe axis and the surface normal line is less than 30 degree.

In the Area Scan, the gradient of the interpolation function is evaluated to find all the extreme of the SAR distribution. The uncertainty on the locations of the extreme is less than 1/20 of the grid size. Only local maximum within -2 dB of the global maximum are searched and passed for the Cube Scan measurement. In the Cube Scan, the interpolation function is used to extrapolate the Peak SAR from the lowest measurement points to the inner phantom surface (the extrapolation distance). The uncertainty increases with the extrapolation distance. To keep the uncertainty within 1% for the 1 g and 10 g cubes, the extrapolation distance should not be larger than 5mm.

The maximum search is automatically performed after each area scan measurement. It is based on splines in two or three dimensions. The procedure can find the maximum for most SAR distributions even with relatively large grid spacing. After the area scanning measurement, the probe is automatically moved to a position at the interpolated maximum. The following scan can directly use this position for reference, e.g., for a finer resolution grid or the cube evaluations. The 1g and 10g peak evaluations are only available for the predefined cube 7x7x7 scans. The routines are verified and optimized for the grid dimensions used in

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these cube measurements.

The measured volume of 30x30x30mm contains about 30g of tissue.

The first procedure is an extrapolation (incl. Boundary correction) to get the points between the lowest measured plane and the surface. The next step uses 3D interpolation to get all points within the measured volume. In the last step, a 1g cube is placed numerically into the volume and its averaged SAR is calculated. This cube is moved around until the highest averaged SAR is found. If the highest SAR is found at the edge of the measured volume, the system will issue a warning: higher SAR values might be found outside of the measured volume. In that case the cube measurement can be repeated, using the new interpolated maximum as the center.

1.12 Probe Calibration Procedures

For the calibration of E-field probes in lossy liquids, an electric field with an accurately known field strength must be produced within the measured liquid. For standardization purposes it would be desirable if all measurements which are necessary to assess the correct field strength would be traceable to standardized measurement procedures. In the following two different calibration techniques are summarized:

1.12.1 Transfer Calibration with Temperature Probes

In lossy liquids the specific absorption rate (SAR) is related both to the electric field (E) and the temperature gradient ($\delta T / \delta t$) in the liquid.

$$SAR = \frac{\sigma}{\rho} |E|^2 = c \frac{\delta T}{\delta t}$$

whereby σ is the conductivity, ρ the density and c the heat capacity of the liquid.

Hence, the electric field in lossy liquid can be measured indirectly by measuring the temperature gradient in the liquid. Non-disturbing temperature probes (optical probes or thermistor probes with resistive lines) with high spatial resolution (<1-2 mm) and fast reaction time (<1 s) are available and can be easily calibrated with high precision [1]. The setup and the exciting source have no influence on the calibration; only the relative positioning uncertainties of the standard temperature probe and the E-field probe to be calibrated must be considered. However, several problems limit the available accuracy of probe calibrations with temperature probes:

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1. The temperature gradient is not directly measurable but must be evaluated from temperature measurements at different time steps. Special precaution is necessary to avoid measurement errors caused by temperature gradients due to energy equalizing effects or convection currents in the liquid. Such effects cannot be completely avoided, as the measured field itself destroys the thermal equilibrium in the liquid. With a careful setup these errors can be kept small.
2. The measured volume around the temperature probe is not well defined. It is difficult to calculate the energy transfer from a surrounding gradient temperature field into the probe. These effects must be considered, since temperature probes are calibrated in liquid with homogeneous temperatures. There is no traceable standard for temperature rise measurements.
3. The calibration depends on the assessment of the specific density, the heat capacity and the conductivity of the medium. While the specific density and heat capacity can be measured accurately with standardized procedures ($\sim 2\%$ for c ; much better for ρ), there is no standard for the measurement of the conductivity. Depending on the method and liquid, the error can well exceed $\pm 5\%$.
4. Temperature rise measurements are not very sensitive and therefore are often performed at a higher power level than the E-field measurements. The nonlinearities in the system (e.g., power measurements, different components, etc.) must be considered.

Considering these problems, the possible accuracy of the calibration of E-field probes with temperature gradient measurements in a carefully designed setup is about $\pm 10\%$ (RSS) [2]. Recently, a setup which is a combination of the waveguide techniques and the thermal measurements was presented in [3]. The estimated uncertainty of the setup is $\pm 5\%$ (RSS) when the same liquid is used for the calibration and for actual measurements and $\pm 7-9\%$ (RSS) when not, which is in good agreement with the estimates given in [2].

1.12.2 Calibration with Analytical Fields

In this method a technical setup is used in which the field can be calculated analytically from measurements of other physical magnitudes (e.g., input power). This corresponds to the standard field method for probe calibration in air; however, there is no standard defined for fields in lossy liquids. When using calculated fields in lossy liquids for probe calibration, several points must be considered in the assessment of the uncertainty:

1. The setup must enable accurate determination of the incident power.

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- 2.The accuracy of the calculated field strength will depend on the assessment of the dielectric parameters of the liquid.
- 3.Due to the small wavelength in liquids with high permittivity, even small setups might be above the resonant cutoff frequencies. The field distribution in the setup must be carefully checked for conformity with the theoretical field distribution.

References

1. N. Kuster, Q. Balzano, and J.C. Lin, Eds., *Mobile Communications Safety*, Chapman & Hall, London, 1997.
2. K. Meier, M. Burkhardt, T. Schmid, and N. Kuster, "Broadband calibration of E-field probes in lossy media", *IEEE Transactions on Microwave Theory and Techniques*, vol. 44, no. 10, pp. 1954-1962, Oct. 1996.
3. K. Jokela, P. Hyysalo, and L. Puranen, "Calibration of specific absorption rate (SAR) probes in waveguide at 900 MHz", *IEEE Transactions on Instrumentation and Measurements*, vol. 47, no. 2, pp. 432-438, Apr. 1998.

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1.13 Test Standards and Limits

According to FCC 47CFR §2.1093(d) The limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for localized specific absorption rate (“SAR”) in Section 4.2 of “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz,” ANSI/IEEE C95.1, By the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in “Biological Effects and Exposure Criteria for Radio frequency Electromagnetic Fields,” NCRP Report No. 86, Section 17.4.5. Copyright NCRP, 1986, Bethesda, Maryland 20814. SAR is a measure of the rate of energy absorption due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potential biological hazards. The criteria to be used are specified in paragraphs (d)(1) and (d)(2) of this section and shall apply for portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz are to be evaluated in terms of the MPE limits specified in § 1.1310 of this chapter. Measurements and calculations to demonstrate compliance with MPE field strength or power density limits for devices operating above 6 GHz should be made at a minimum distance of 5 cm from the radiating source.

1. Limits for Occupational/Controlled exposure: 0.4 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 8 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 20 W/kg, as averaged over an 10 grams of tissue (defined as a tissue volume in the shape of a cube).
2. Occupational/Controlled limits apply when persons are exposed as a consequence of their employment provided these persons are fully aware of and exercise control over their exposure. Awareness of exposure can be accomplished by use of warning labels or by specific training or education through appropriate means, such as an RF safety program in a work environment.
3. Limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 1.6 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape

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of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 4 W/kg, as averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). General Population/Uncontrolled limits apply when the general public may be exposed, or when persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or do not exercise control over their exposure. Warning labels placed on consumer devices such as cellular telephones will not be sufficient reason to allow these devices to be evaluated subject to limits for occupational/controlled exposure in paragraph (d)(1) of this section. (Table 4.)

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational
Spatial Peak SAR (Brain)	1.60 W/Kg	8.00 W/Kg
Spatial Average SAR (Whole Body)	0.08 W/Kg	0.40 W/Kg
Spatial Peak SAR (Hands/Feet/Ankle/Wrist)	4.00 W/Kg	20.00 W/Kg

Table 4. RF exposure limits

Notes:

1. Uncontrolled environments are defined as locations where there is potential exposure of individuals who have no knowledge or control of their potential exposure.
2. Controlled environments are defined as locations where there is potential exposure of individuals who have knowledge of their potential exposure and can exercise control over their exposure.

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2. Summary of Results

2.1 Decision rules

Reported measurement data comply with IEEE 1528-2013:

Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.2 Summary of Results

WCDMA Band II (without power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Bottom side	21	9262	1852.4	24	23.27	118.30%	0.250	0.296	259
	Bottom side	21	9400	1880	24	22.72	134.28%	0.211	0.283	-
	Bottom side	21	9538	1907.6	24	22.53	140.28%	0.207	0.290	-

WCDMA Band II (with power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Bottom side	0	9262	1852.4	20	19.16	121.34%	0.773	0.938	-
	Bottom side	0	9400	1880	20	19.24	119.12%	0.849	1.011	-
	Bottom side	0	9538	1907.6	20	19.35	116.14%	0.935	1.086	260

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WCDMA Band IV (without power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Bottom side	21	1312	1712.4	24	22.65	136.46%	0.212	0.289	-
	Bottom side	21	1412	1732.4	24	22.7	134.90%	0.219	0.295	261
	Bottom side	21	1513	1752.6	24	22.52	140.60%	0.201	0.283	-

WCDMA Band IV (with power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Bottom side	0	1312	1712.4	21	20.63	108.89%	0.978	1.065	-
	Bottom side	0	1412	1732.4	21	20.42	114.29%	0.945	1.080	-
	Bottom side	0	1513	1752.6	21	20.45	113.50%	0.983	1.116	262

WCDMA Band V (without power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Bottom side	0	4132	826.4	24	22.53	140.28%	0.642	0.901	-
	Bottom side	0	4183	836.6	24	22.52	140.60%	0.651	0.915	-
	Bottom side	0	4233	846.6	24	22.56	139.32%	0.663	0.924	263

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LTE FDD Band 2 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1 RB	0	Bottom side	21	18700	1860	24.5	23.23	133.97%	0.415	0.556	265
					Bottom side	21	18900	1880	24.5	22.99	141.58%	0.377	0.534	-
					Bottom side	21	19100	1900	24.5	22.95	142.89%	0.381	0.544	-
			50 RB	0	Bottom side	21	18700	1860	23.5	22.26	133.05%	0.327	0.435	-
					Bottom side	21	19100	1900	23.5	21.80	147.91%	0.313	0.463	-

LTE FDD Band 2 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1 RB	0	Bottom side	0	18700	1860	20	19.7	107.15%	0.995	1.066	266
					Bottom side	0	18900	1880	20	19.18	120.78%	0.952	1.150	-
					Bottom side	0	19100	1900	20	19.16	121.34%	0.969	1.176	-
			50 RB	0	Bottom side	0	18700	1860	20	19.57	110.41%	0.938	1.036	-
					Bottom side	0	18900	1880	20	19.33	116.68%	0.903	1.054	-
					Bottom side	0	19100	1900	20	19.38	115.35%	0.926	1.068	-
			100 RB		Bottom side	0	18700	1860	20	19.57	110.41%	0.889	0.982	-
					Bottom side	0	18900	1880	20	19.28	118.03%	0.911	1.075	-
					Bottom side	0	19100	1900	20	19.36	115.88%	0.901	1.044	-
					Bottom side	0	19100	1900	20	19.36	115.88%	0.901	1.044	-

LTE FDD Band 4 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 4	20MHz	QPSK	1 RB	0	Bottom side	21	20050	1720	24.5	22.89	144.88%	0.392	0.568	-
					Bottom side	21	20175	1732.5	24.5	22.86	145.88%	0.408	0.595	-
					Bottom side	21	20300	1745	24.5	23.01	140.93%	0.424	0.598	267
			50 RB	0	Bottom side	21	20050	1720	23.5	21.92	143.88%	0.309	0.445	-
					Bottom side	21	20050	1720	23.5	21.84	146.55%	0.308	0.451	-

LTE FDD Band 4 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 4	20MHz	QPSK	1 RB	0	Bottom side	0	20050	1720	20	19.44	113.76%	0.828	0.942	-
					Bottom side	0	20175	1732.5	20	19.36	115.88%	0.889	1.030	-
					Bottom side	0	20300	1745	20	19.38	115.35%	0.960	1.107	268
			50 RB	0	Bottom side	0	20050	1720	20	19.43	114.02%	0.875	0.998	-
					Bottom side	0	20175	1732.5	20	19.36	115.88%	0.862	0.999	-
					Bottom side	0	20300	1745	20	19.32	116.95%	0.903	1.056	-
			100 RB		Bottom side	0	20050	1720	20	19.34	116.41%	0.914	1.064	-
					Bottom side	0	20175	1732.5	20	19.31	117.22%	0.897	1.051	-
					Bottom side	0	20300	1745	20	19.25	118.85%	0.856	1.017	-
					Bottom side	0	20300	1745	20	19.25	118.85%	0.856	1.017	-

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LTE FDD Band 5 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 5	10MHz	QPSK	1 RB	49	Bottom side	21	20450	829	24.5	22.91	144.21%	0.193	0.278	-
					Bottom side	21	20525	836.5	24.5	22.87	145.55%	0.198	0.288	-
					Bottom side	21	20600	844	24.5	22.95	142.89%	0.214	0.306	269
			25 RB	12	Bottom side	21	20600	844	23.5	21.98	141.91%	0.169	0.240	-
					Bottom side	21	20600	844	23.5	21.95	142.89%	0.166	0.237	-

LTE FDD Band 5 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 5	10MHz	QPSK	1 RB	49	Bottom side	0	20450	829	23	22.79	104.95%	0.927	0.973	-
					Bottom side	0	20525	836.5	23	22.71	106.91%	0.949	1.015	-
					Bottom side	0	20600	844	23	22.78	105.20%	1.050	1.105	270
			25 RB	12	Bottom side	0	20525	836.5	23	22.59	109.90%	0.754	0.829	-
					Bottom side	0	20450	829	23	22.61	109.40%	0.772	0.845	-
					Bottom side	0	20600	844	23	22.62	109.14%	0.770	0.840	-
			50 RB		Bottom side	0	20450	829	23	22.46	113.24%	0.723	0.819	-
					Bottom side	0	20525	836.5	23	22.62	109.14%	0.734	0.801	-
					Bottom side	0	20600	844	23	22.63	108.89%	0.745	0.811	-
					Bottom side	0	20600	844	23	22.63	108.89%	0.745	0.811	-

LTE FDD Band 7 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 7	20MHz	QPSK	1 RB	0	Bottom side	21	20850	2510	24.5	23.04	139.96%	0.423	0.592	-
					Bottom side	21	21100	2535	24.5	23.14	136.77%	0.419	0.573	-
					Bottom side	21	21350	2560	24.5	23.16	136.14%	0.440	0.599	271
			50 RB	50	Bottom side	21	21350	2560	23.5	22.24	133.66%	0.314	0.420	-
			100 RB		Bottom side	21	21100	2535	23.5	22.05	139.64%	0.338	0.472	-

LTE FDD Band 7 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 7	20MHz	QPSK	1 RB	0	Bottom side	0	21350	2560	18	17.4	114.82%	0.937	1.076	273
					Bottom side	0	20850	2510	18	17.29	117.76%	0.909	1.070	-
					Bottom side	0	21100	2535	18	17.36	115.88%	0.920	1.066	-
			50 RB	50	Bottom side	0	21350	2560	18	17.38	115.35%	0.855	0.986	-
					Bottom side	0	20850	2510	18	17.29	117.76%	0.854	1.006	-
					Bottom side	0	21100	2535	18	17.38	115.35%	0.837	0.965	-
			100 RB		Bottom side	0	20850	2510	18	17.22	119.67%	0.881	1.054	-
					Bottom side	0	21100	2535	18	17.32	116.95%	0.842	0.985	-
					Bottom side	0	21350	2560	18	17.34	116.41%	0.865	1.007	-

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LTE FDD Band 12 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 12	10MHz	QPSK	1 RB	0	Bottom side	21	23130	711	24.5	23.15	136.46%	0.229	0.312	275
				25	Bottom side	21	23060	704	24.5	23.14	136.77%	0.218	0.298	-
				49	Bottom side	21	23095	707.5	24.5	23.28	132.43%	0.209	0.277	-
			25 RB	25	Bottom side	21	23130	711	23.5	22.23	133.97%	0.185	0.248	-
			50 RB		Bottom side	21	23130	711	23.5	22.16	136.14%	0.182	0.248	-

LTE FDD Band 12 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 12	10MHz	QPSK	1 RB	49	Bottom side	0	23060	704	22	21.13	122.18%	0.781	0.954	-
					Bottom side	0	23095	707.5	22	21.27	118.30%	0.818	0.968	-
					Bottom side	0	23130	711	22	21.46	113.24%	0.849	0.961	276
			25 RB	0	Bottom side	0	23095	707.5	22	21.12	122.46%	0.757	0.927	-
					Bottom side	0	23060	704	22	21.18	120.78%	0.738	0.891	-
					Bottom side	0	23130	711	22	21.21	119.95%	0.775	0.930	-
			50 RB		Bottom side	0	23060	704	22	21.17	121.06%	0.763	0.924	-
					Bottom side	0	23095	707.5	22	21.10	123.03%	0.759	0.934	-
					Bottom side	0	23130	711	22	21.13	122.18%	0.742	0.907	-

LTE FDD Band 13 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 13	10MHz	QPSK	1 RB	0	Bottom side	21	23230	782	24.5	22.95	142.89%	0.267	0.382	-
				25	Bottom side	21	23230	782	24.5	23.03	140.28%	0.281	0.394	-
				49	Bottom side	21	23230	782	24.5	23.04	139.96%	0.285	0.399	277
			25 RB	0	Bottom side	21	23230	782	23.5	22.13	137.09%	0.232	0.318	-
			50 RB		Bottom side	21	23230	782	23.5	22.07	139.00%	0.229	0.318	-

LTE FDD Band 13 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 13	10MHz	QPSK	1 RB	0	Bottom side	0	23230	782	22	21.82	104.23%	0.762	0.794	-
				0	Bottom side	0	23230	782	22	21.84	103.75%	0.839	0.870	278
			25 RB	12	Bottom side	0	23230	782	22	21.85	103.51%	0.781	0.808	-
				25	Bottom side	0	23230	782	22	21.79	104.95%	0.706	0.741	-
			50 RB		Bottom side	0	23230	782	22	21.75	105.93%	0.812	0.860	-

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LTE FDD Band 14 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 14	10MHz	QPSK	1 RB	0	Bottom side	21	23330	793	24.5	22.95	142.89%	0.264	0.377	279
				25	Bottom side	21	23330	793	24.5	22.87	145.55%	0.224	0.326	-
				49	Bottom side	21	23330	793	24.5	22.76	149.28%	0.245	0.366	-
			25 RB	0	Bottom side	21	23330	793	23.5	21.97	142.23%	0.213	0.303	-
				50 RB	Bottom side	21	23330	793	23.5	21.89	144.88%	0.198	0.287	-

LTE FDD Band 14 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 14	10MHz	QPSK	1 RB	0	Bottom side	0	23330	793	22	21.96	100.93%	0.828	0.836	280
				25	Bottom side	0	23330	793	22	21.84	103.75%	0.736	0.764	-
				49	Bottom side	0	23330	793	22	21.72	106.66%	0.653	0.696	-
			25 RB	0	Bottom side	0	23330	793	22	21.95	101.16%	0.733	0.741	-
				50 RB	Bottom side	0	23330	793	22	21.89	102.57%	0.659	0.676	-

LTE FDD Band 25 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 25	20MHz	QPSK	1 RB	0	Bottom side	21	26140	1860	24.5	23.32	131.22%	0.411	0.539	281
					Bottom side	21	26365	1882.5	24.5	22.95	142.89%	0.376	0.537	-
					Bottom side	21	26590	1905	24.5	23.01	140.93%	0.381	0.537	-
			50 RB	0	Bottom side	21	26140	1860	23.5	22.12	137.40%	0.323	0.444	-
					Bottom side	21	26140	1860	23.5	21.97	142.23%	0.309	0.439	-

LTE FDD Band 25 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 25	20MHz	QPSK	1 RB	0	Bottom side	0	26140	1860	20	19.67	107.89%	0.958	1.034	282
					Bottom side	0	26365	1882.5	20	19.25	118.85%	0.941	1.118	-
					Bottom side	0	26590	1905	20	19.28	118.03%	0.945	1.115	-
			50 RB	0	Bottom side	0	26140	1860	20	19.58	110.15%	0.855	0.942	-
					Bottom side	0	26365	1882.5	20	19.10	123.03%	0.892	1.097	-
					Bottom side	0	26590	1905	20	19.22	119.67%	0.900	1.077	-
			100 RB		Bottom side	0	26140	1860	20	19.41	114.55%	0.901	1.032	-
					Bottom side	0	26365	1882.5	20	19.05	124.45%	0.868	1.080	-
					Bottom side	0	26590	1905	20	19.18	120.78%	0.858	1.036	-
					Bottom side	0	26590	1905	20	19.18	120.78%	0.858	1.036	-

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LTE FDD Band 26 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 26	15MHz	QPSK	1 RB	0	Bottom side	0	26865	831.5	24.5	23.11	137.72%	0.814	1.121	-
				74	Bottom side	0	26765	821.5	24.5	23.18	135.52%	0.875	1.186	283
					Bottom side	0	26965	841.5	24.5	23.11	137.72%	0.820	1.129	-
			36 RB	0	Bottom side	0	26865	831.5	23.5	21.82	147.23%	0.744	1.095	-
					Bottom side	0	26965	841.5	23.5	21.74	149.97%	0.717	1.075	-
				37	Bottom side	0	26765	821.5	23.5	21.67	152.41%	0.755	1.151	-
			75 RB		Bottom side	0	26765	821.5	23.5	21.72	150.66%	0.695	1.047	-
					Bottom side	0	26865	831.5	23.5	21.73	150.31%	0.672	1.010	-
					Bottom side	0	26965	841.5	23.5	21.81	147.57%	0.663	0.978	-
					Bottom side	0	26965	841.5	23.5	21.81	147.57%	0.663	0.978	-

LTE TDD Band 38 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 38	20MHz	QPSK	1 RB	0	Bottom side	21	37850	2580	24.5	23.21	134.59%	0.174	0.234	-
					Bottom side	21	38000	2595	24.5	23.28	132.43%	0.168	0.222	-
					Bottom side	21	38150	2610	24.5	23.35	130.32%	0.188	0.245	285
			50 RB	0	Bottom side	21	38000	2595	23.5	22.35	130.32%	0.142	0.185	-
			100 RB		Bottom side	21	37850	2580	23.5	22.32	131.22%	0.134	0.176	-
			100 RB		Bottom side	21	37850	2580	23.5	22.32	131.22%	0.134	0.176	-

LTE TDD Band 38 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 38	20MHz	QPSK	1 RB	0	Bottom side	0	37850	2580	22	21.51	111.94%	0.916	1.025	286
					Bottom side	0	38000	2595	22	21.64	108.64%	0.888	0.965	-
					Bottom side	0	38150	2610	22	21.68	107.65%	0.882	0.949	-
			50 RB	0	Bottom side	0	37850	2580	22	21.63	108.89%	0.791	0.861	-
					Bottom side	0	38000	2595	22	21.73	106.41%	0.755	0.803	-
					Bottom side	0	38150	2610	22	21.67	107.89%	0.823	0.888	-
			100 RB		Bottom side	0	37850	2580	22	21.63	108.89%	0.822	0.895	-
					Bottom side	0	38000	2595	22	21.57	110.41%	0.841	0.929	-
					Bottom side	0	38150	2610	22	21.59	109.90%	0.786	0.864	-
			100 RB		Bottom side	0	37850	2580	22	21.63	108.89%	0.822	0.895	-
					Bottom side	0	38000	2595	22	21.57	110.41%	0.841	0.929	-
					Bottom side	0	38150	2610	22	21.59	109.90%	0.786	0.864	-

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LTE TDD Band 41 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 41	20MHz	QPSK	1 RB	0	Bottom side	21	39750	2506	24.5	23.41	128.53%	0.167	0.215	-
					Bottom side	21	40185	2549.5	24.5	23.55	124.45%	0.180	0.224	288
					Bottom side	21	41055	2636.5	24.5	23.39	129.12%	0.172	0.222	-
				50	Bottom side	21	40620	2593	24.5	23.45	127.35%	0.158	0.201	-
					Bottom side	21	41490	2680	24.5	22.86	145.88%	0.145	0.212	-
			50 RB	0	Bottom side	21	41490	2680	23.5	22.40	128.82%	0.172	0.222	-
			100 RB		Bottom side	21	40185	2549.5	23.5	22.37	129.72%	0.142	0.184	-

LTE TDD Band 41 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 41	20MHz	QPSK	1 RB	0	Bottom side	0	39750	2506	22	21.31	117.22%	0.915	1.073	-
					Bottom side	0	40185	2549.5	22	21.69	107.40%	1.010	1.085	289
					Bottom side	0	40620	2593	22	21.51	111.94%	0.875	0.980	-
					Bottom side	0	41055	2636.5	22	21.45	113.50%	0.856	0.972	-
				50	Bottom side	0	41490	2680	22	21.11	122.74%	0.713	0.875	-
			50 RB	0	Bottom side	0	39750	2506	22	21.36	115.88%	0.864	1.001	-
					Bottom side	0	40620	2593	22	21.59	109.90%	0.857	0.942	-
					Bottom side	0	41055	2636.5	22	21.44	113.76%	0.849	0.966	-
				25	Bottom side	0	40185	2549.5	22	21.60	109.65%	0.866	0.950	-
					Bottom side	0	41490	2680	22	21.30	117.49%	0.871	1.023	-
			100 RB		Bottom side	0	39750	2506	22	21.30	117.49%	0.842	0.989	-
					Bottom side	0	40185	2549.5	22	21.59	109.90%	0.818	0.899	-
					Bottom side	0	40620	2593	22	21.52	111.69%	0.900	1.005	-
					Bottom side	0	41055	2636.5	22	21.37	115.61%	0.835	0.965	-
					Bottom side	0	41490	2680	22	21.12	122.46%	0.845	1.035	-

LTE FDD Band 66 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 66	20MHz	QPSK	1 RB	0	Bottom side	21	132072	1720	24.5	23.31	131.52%	0.393	0.517	-
					Bottom side	21	132322	1745	24.5	23.54	124.74%	0.413	0.515	-
					Bottom side	21	132572	1770	24.5	23.68	120.78%	0.433	0.523	291
			50 RB	0	Bottom side	21	132572	1770	23.5	22.51	125.60%	0.345	0.433	-
			100 RB		Bottom side	21	132572	1770	23.5	22.36	130.02%	0.334	0.434	-

LTE FDD Band 66 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 66	20MHz	QPSK	1 RB	0	Bottom side	0	132072	1720	20	19.45	113.50%	0.838	0.951	-
					Bottom side	0	132322	1745	20	19.42	114.29%	0.972	1.111	-
					Bottom side	0	132572	1770	20	19.51	111.94%	1.020	1.142	292
			50 RB	0	Bottom side	0	132072	1720	20	19.35	116.14%	0.911	1.058	-
					Bottom side	0	132322	1745	20	19.42	114.29%	0.903	1.032	-
					Bottom side	0	132572	1770	20	19.50	112.20%	0.888	0.996	-
			100 RB		Bottom side	0	132072	1720	20	19.26	118.58%	0.900	1.067	-
					Bottom side	0	132322	1745	20	19.35	116.14%	0.876	1.017	-
					Bottom side	0	132572	1770	20	19.44	113.76%	0.891	1.014	-

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2.3 Reporting statements of conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

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3. Instruments List

Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Dosimetric E-Field Probe	EX3DV4	3665	Aug.30,2019	Aug.29,2020
SPEAG	System Validation Dipole	D750V3	1015	Aug.23,2019	Aug.22,2020
		D835V2	4d063	Aug.23,2019	Aug.22,2020
		D1750V2	1008	Aug.23,2019	Aug.22,2020
		D1900V2	5d173	Apr.23,2019	Apr.22,2020
		D2600V2	1005	Jan.28,2019	Jan.27,2020
SPEAG	Data acquisition Electronics	DAE4	547	Mar.22,2019	Mar.21,2020
SPEAG	Software	DASY 52 V52.10.1	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
Agilent	Network Analyzer	E5071C	MY46315263	Feb.23,2019	Feb.22,2020
Agilent	Dielectric Probe Kit	85070E	MY44300677	Calibration not required	Calibration not required
Agilent	Dual-directional coupler	772D	MY46151242	Jul.30,2019	Jul.29,2020
		778D	MY48220468	Jul.30,2019	Jul.29,2020
Agilent	RF Signal Generator	N5181A	MY50141235	Apr.22,2019	Apr.21,2020
Agilent	Power Meter	E4417A	MY51410006	Feb.19,2019	Feb.18,2020
Agilent	Power Sensor	E9301H	MY51470001	Feb.19,2019	Feb.18,2020
			MY51470002	Feb.19,2019	Feb.18,2020
TECPEL	Digital thermometer	DTM-303A	TP130074	Mar.26,2019	Mar.25,2020
Anritsu	Radio Communication Test	MT8820C	6201061014	Dec.08,2019	Dec.07,2020

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4. Measurements

Date: 2019/12/24

WCDMA Band II_Body_Bottom side_CH 9262_21mm

Communication System: WCDMA Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.411$ S/m; $\epsilon_r = 40.245$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.03, 8.03, 8.03); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x61x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.328 W/kg

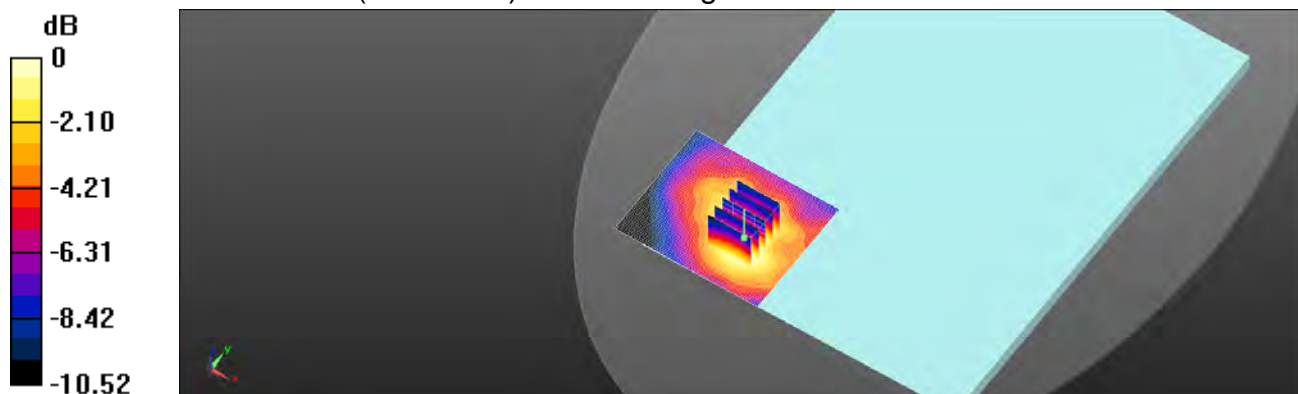
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.787 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg

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Date: 2019/12/24

WCDMA Band II_Body_Bottom side_CH 9538_0mm_Reduce

Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907 \text{ MHz}$; $\sigma = 1.417 \text{ S/m}$; $\epsilon_r = 40.152$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.03, 8.03, 8.03); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x71x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

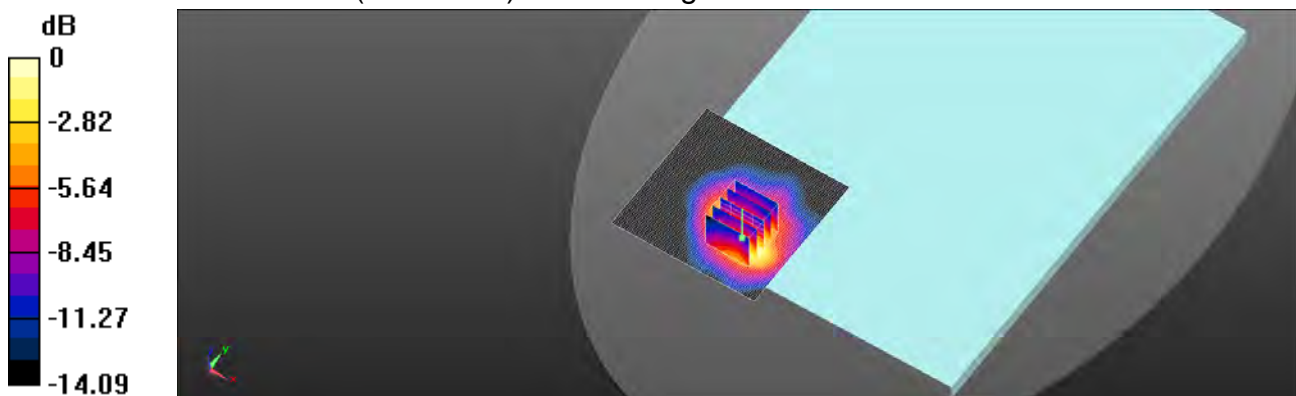
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.578 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.550 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 0.99 dBW/kg

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Date: 2019/12/21

WCDMA Band IV_Body_Bottom side_CH 1412_21mm

Communication System: WCDMA band IV; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.315$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x61x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.279 W/kg

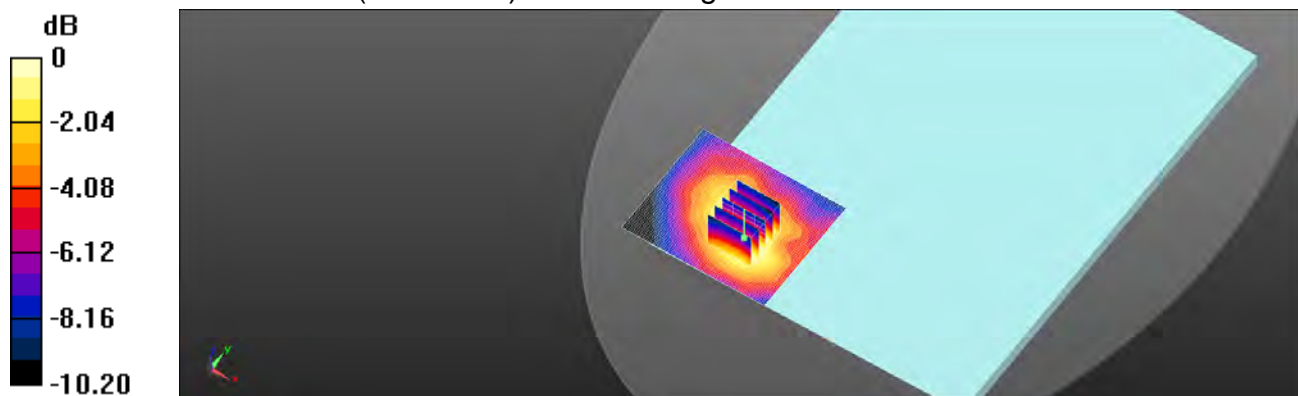
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.146 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

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Date: 2019/12/21

WCDMA Band IV_Body_Bottom side_CH 1513_0mm_Reduce

Communication System: WCDMA band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1753 \text{ MHz}$; $\sigma = 1.382 \text{ S/m}$; $\epsilon_r = 40.28$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.3°C ; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x71x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.35 W/kg

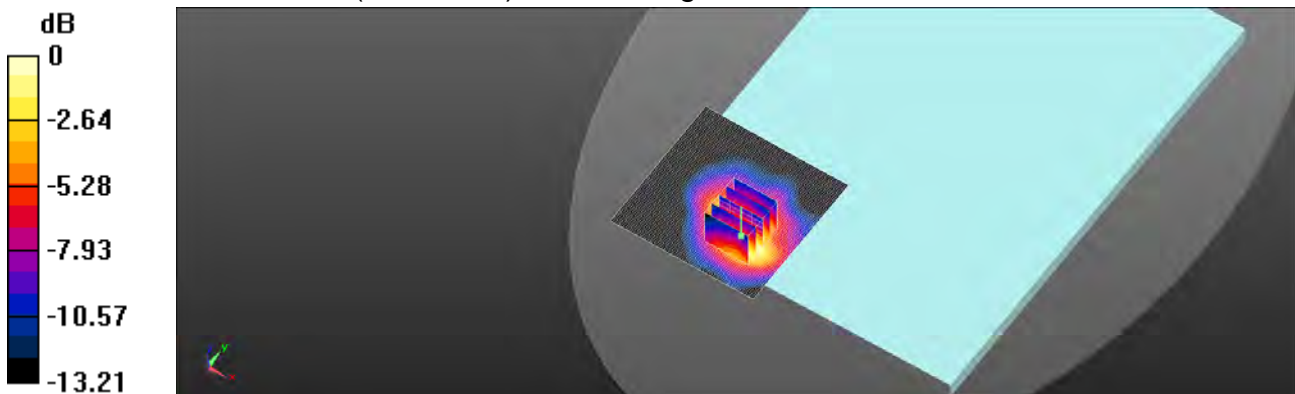
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.800 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.983 W/kg ; SAR(10 g) = 0.598 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.08 dBW/kg

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Date: 2019/12/13

WCDMA Band V_Body_Bottom side_CH 4233_0mm

Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 41.251$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(9.47, 9.47, 9.47); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.866 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.265 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.660 W/kg ; SAR(10 g) = 0.467 W/kg

Maximum value of SAR (measured) = 0.764 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.265 V/m ; Power Drift = 0.03 dB

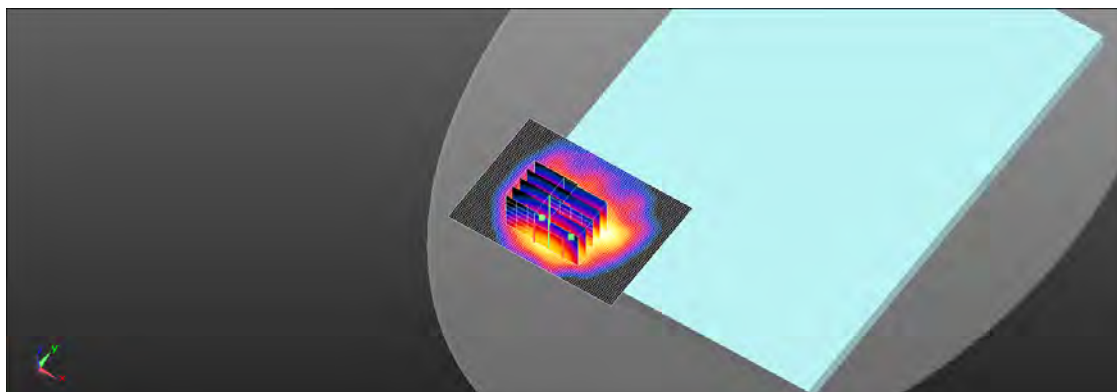
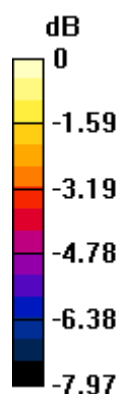
Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.663 W/kg ; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 0.749 W/kg

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0 dB = 0.749 W/kg = -1.25 dBW/kg

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Date: 2019/12/24

LTE Band 2 (20MHz)_Body_Bottom side_CH 18700_QPSK_1-0_21mm

Communication System: LTE Band 2; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.03, 8.03, 8.03); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.559 W/kg

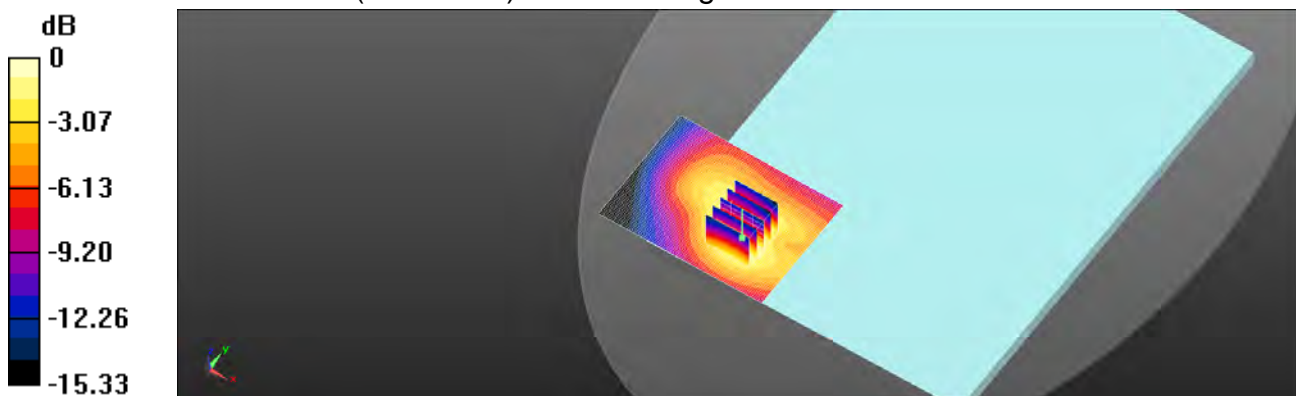
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.171 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.548 W/kg



0 dB = 0.548 W/kg = -2.62 dBW/kg

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Date: 2019/12/24

LTE Band 2 (20MHz)_Body_Bottom side_CH 18700_QPSK_1-0_0mm _Reduce

Communication System: LTE Band 2; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.412 \text{ S/m}$; $\epsilon_r = 40.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.03, 8.03, 8.03); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.53 W/kg

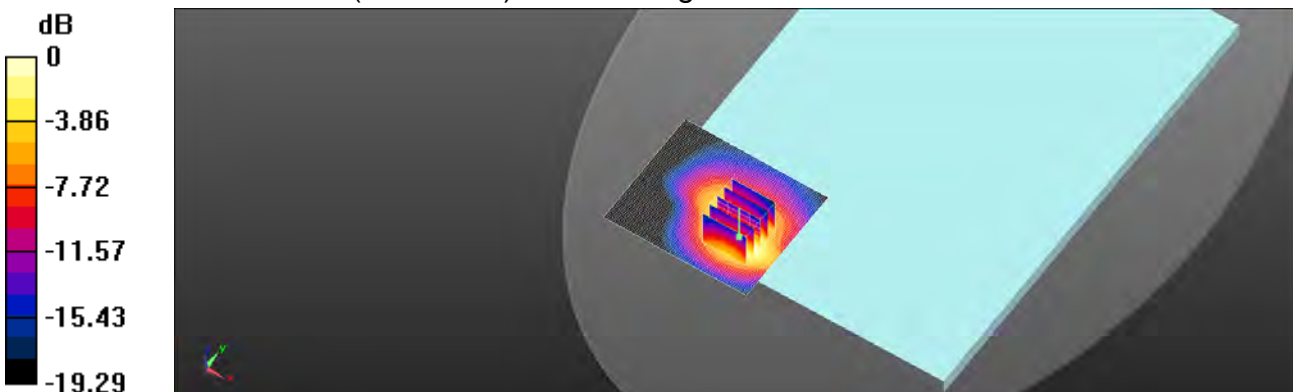
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.5620 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.531 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.33 dBW/kg

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Date: 2019/12/21

LTE Band 4 (20MHz)_Body_Bottom side_CH 20300_QPSK_1-0_21mm

Communication System: LTE Band 4; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.378 \text{ S/m}$; $\epsilon_r = 40.295$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.553 W/kg

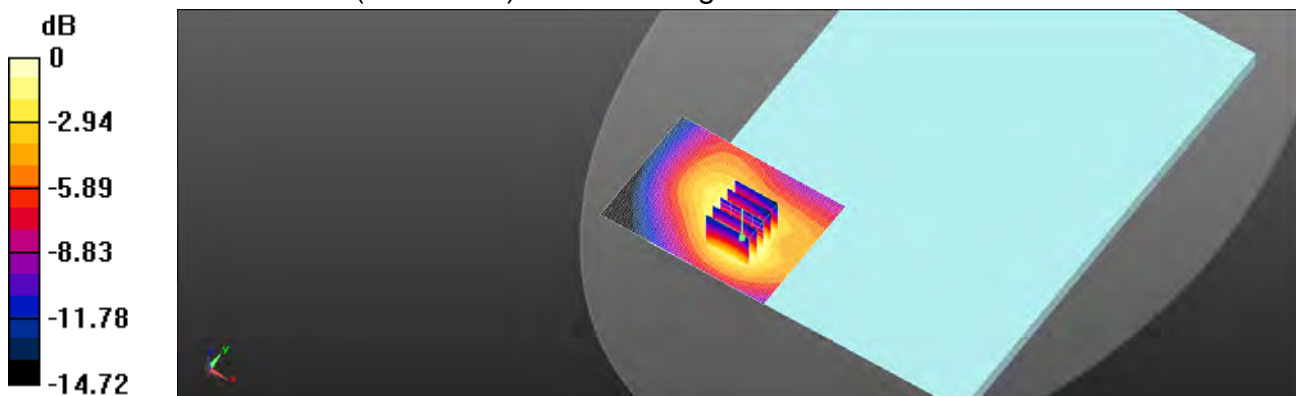
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.207 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.554 W/kg = -2.57 dBW/kg

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Date: 2019/12/21

LTE Band 4 (20MHz)_Body_Bottom side_CH 20300_QPSK_1-0_0mm _Reduce

Communication System: LTE Band 4; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 40.295$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x61x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

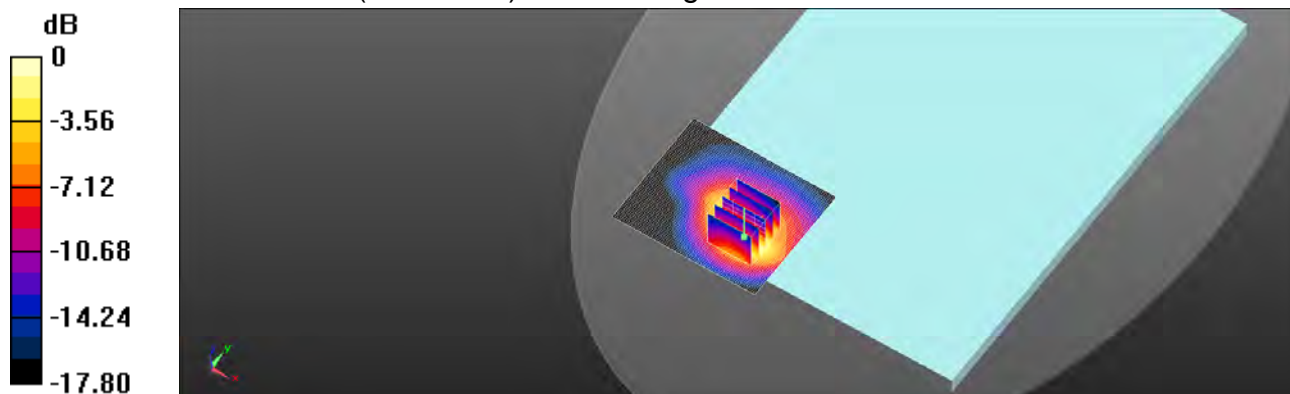
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.5390 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.515 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.39 dBW/kg

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Member of SGS Group

Date: 2019/12/17

LTE Band 5 (10MHz)_Body_Bottom side_CH 20600_QPSK_1-49_21mm

Communication System: LTE Band 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.905 \text{ S/m}$; $\epsilon_r = 41.23$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.8°C

DASY5 Configuration:

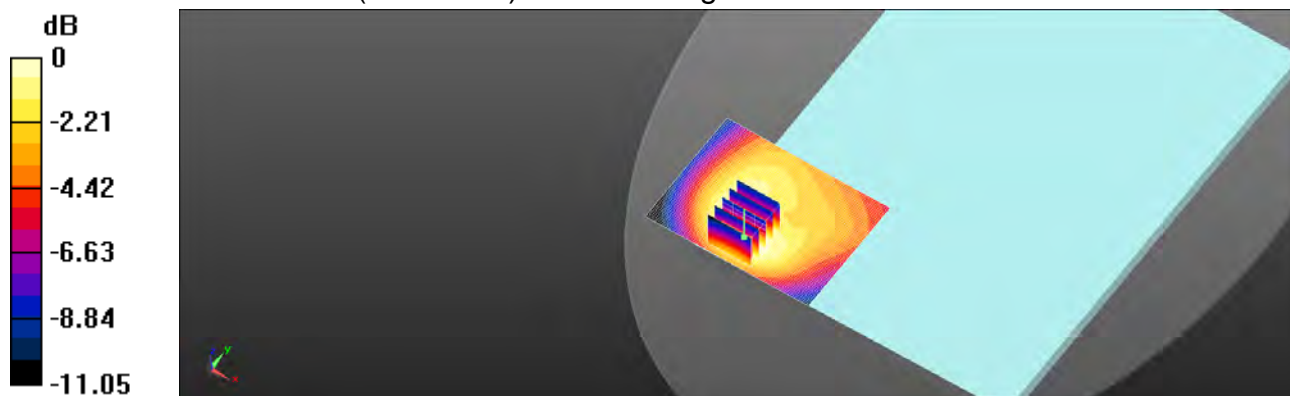
- Probe: EX3DV4 – SN3665; ConvF(9.47, 9.47, 9.47); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.258 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.872 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.214 W/kg ; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.264 W/kg

 $0 \text{ dB} = 0.264 \text{ W/kg} = -5.78 \text{ dBW/kg}$

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Date: 2019/12/17

LTE Band 5 (10MHz)_Body_Bottom side_CH 20600_QPSK_1-49_0mm_Reduce

Communication System: LTE Band 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.905 \text{ S/m}$; $\epsilon_r = 41.23$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(9.47, 9.47, 9.47); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.27 W/kg

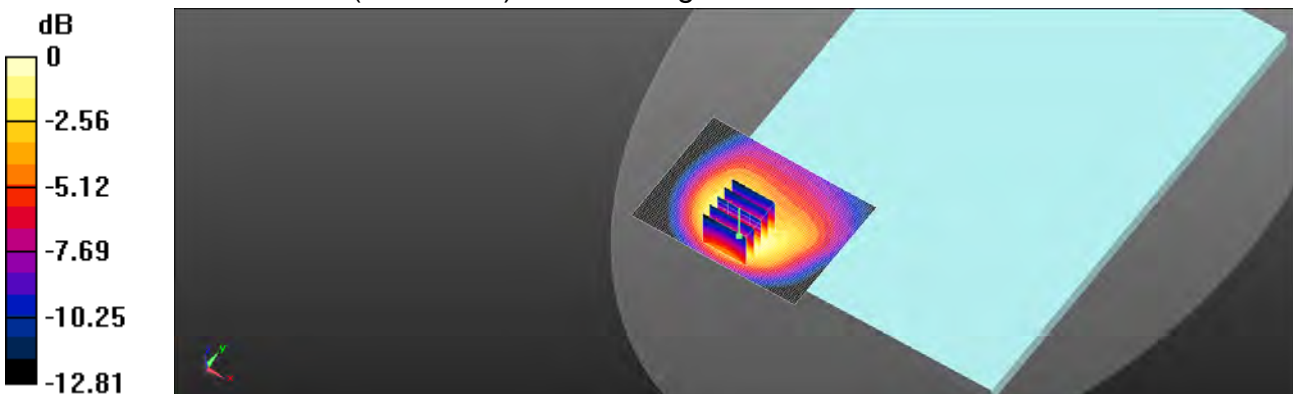
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.5320 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.05 W/kg ; SAR(10 g) = 0.643 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

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Date: 2019/12/26

LTE Band 7 (20MHz)_Body_Bottom side_CH 21350_QPSK_1-0_21mm

Communication System: LTE Band 7; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560 \text{ MHz}$; $\sigma = 1.904 \text{ S/m}$; $\epsilon_r = 38.681$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.0°C ; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(7.19, 7.19, 7.19); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (91x91x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 0.638 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.858 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.440 W/kg ; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 0.640 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.858 V/m ; Power Drift = 0.04 dB

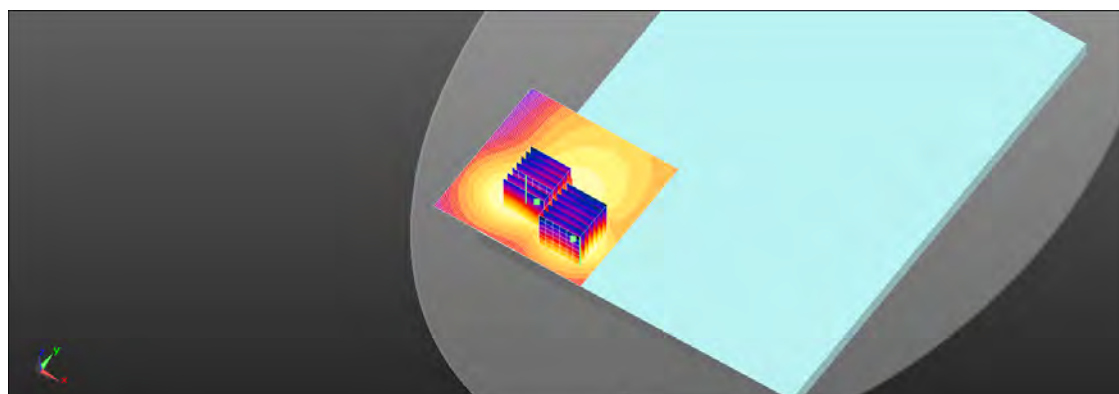
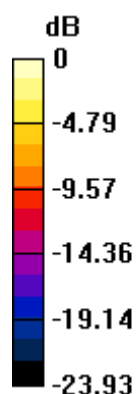
Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.365 W/kg ; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.532 W/kg

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0 dB = 0.640 W/kg = -1.94 dBW/kg

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Member of SGS Group

Date: 2019/12/26

LTE Band 7 (20MHz)_Body_Bottom side_CH 21350_QPSK_1-0_0mm _Reduce

Communication System: LTE Band 7; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560 \text{ MHz}$; $\sigma = 1.904 \text{ S/m}$; $\epsilon_r = 38.681$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.0°C ; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(7.19, 7.19, 7.19); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (91x91x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 1.39 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.5665 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 0.937 W/kg ; SAR(10 g) = 0.391 W/kg

Maximum value of SAR (measured) = 1.52 W/kg
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.5665 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 0.796 W/kg ; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 1.28 W/kg
Zoom Scan (7x7x7)/Cube 2: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

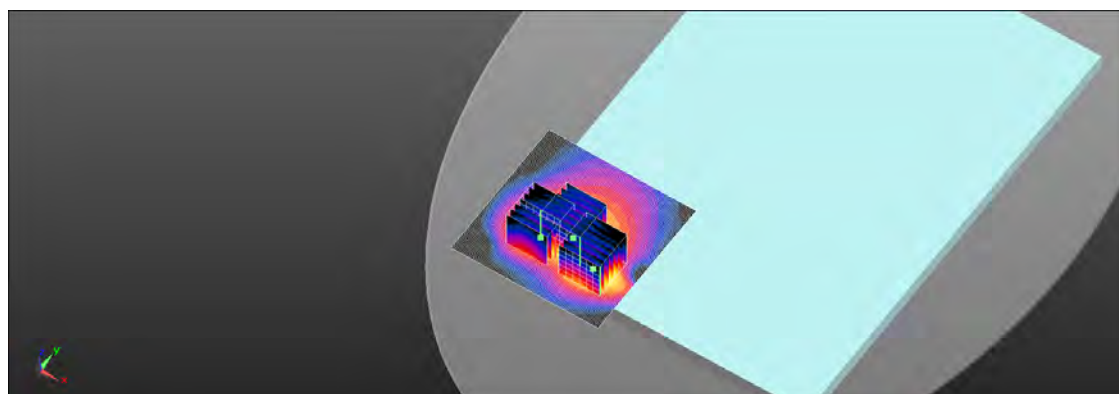
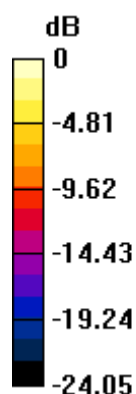
Reference Value = 0.5665 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 0.890 W/kg ; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 1.62 W/kg

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$$0 \text{ dB} = 1.52 \text{ W/kg} = 1.83 \text{ dBW/kg}$$

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Date: 2019/12/16

LTE Band 12 (10MHz)_Body_Bottom side_CH 23130_QPSK_1-0_21mm

Communication System: LTE Band 12; Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 41.891$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

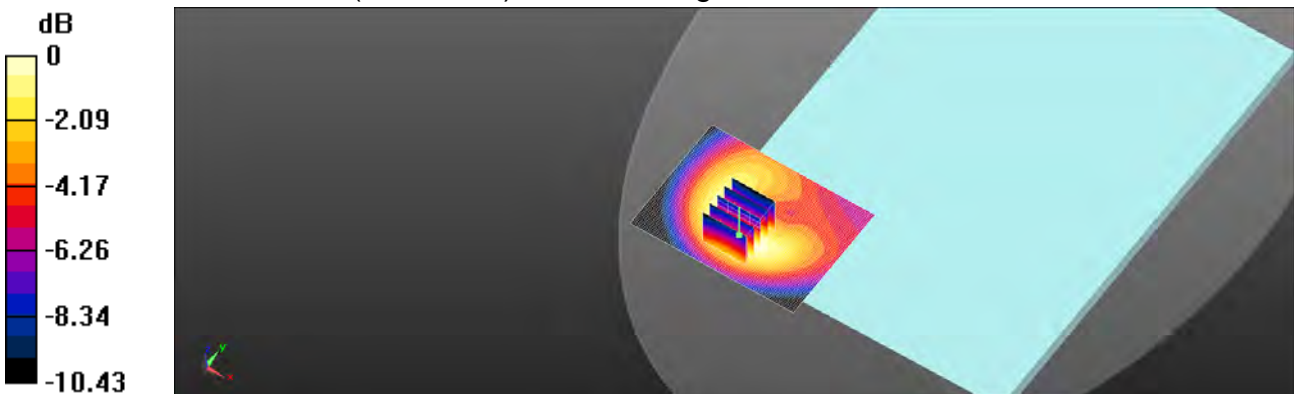
- Probe: EX3DV4 – SN3665; ConvF(9.77, 9.77, 9.77); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.283 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.687 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.229 W/kg ; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.284 W/kg

 $0 \text{ dB} = 0.284 \text{ W/kg} = -5.46 \text{ dBW/kg}$

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Date: 2019/12/16

LTE Band 12 (10MHz)_Body_Bottom side_CH 23130_QPSK_1-49_0mm_Reduce

Communication System: LTE Band 12; Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 41.891$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(9.77, 9.77, 9.77); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x71x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.15 W/kg

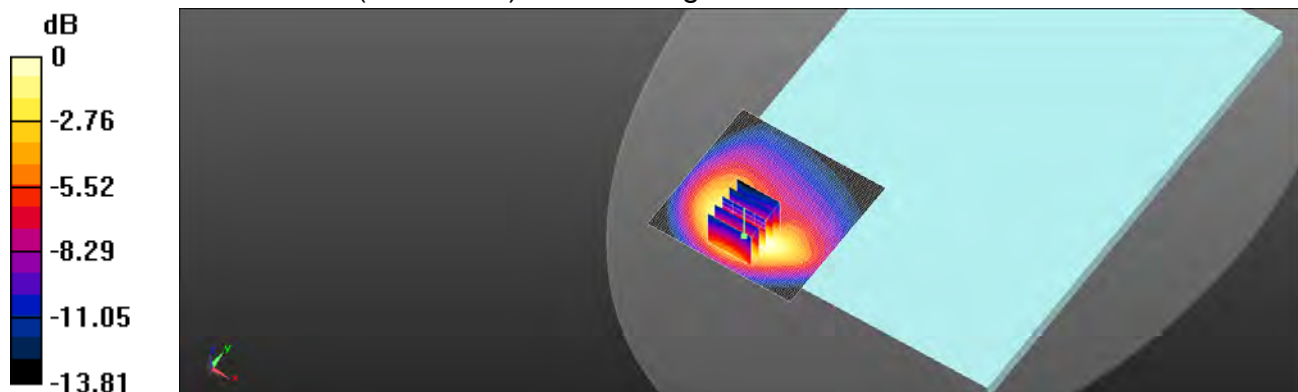
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.6050 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.849 W/kg ; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.62 dBW/kg

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Date: 2019/12/16

LTE Band 13 (10MHz)_Body_Bottom side_CH 23230_QPSK_1-49_21mm

Communication System: LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 41.508$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

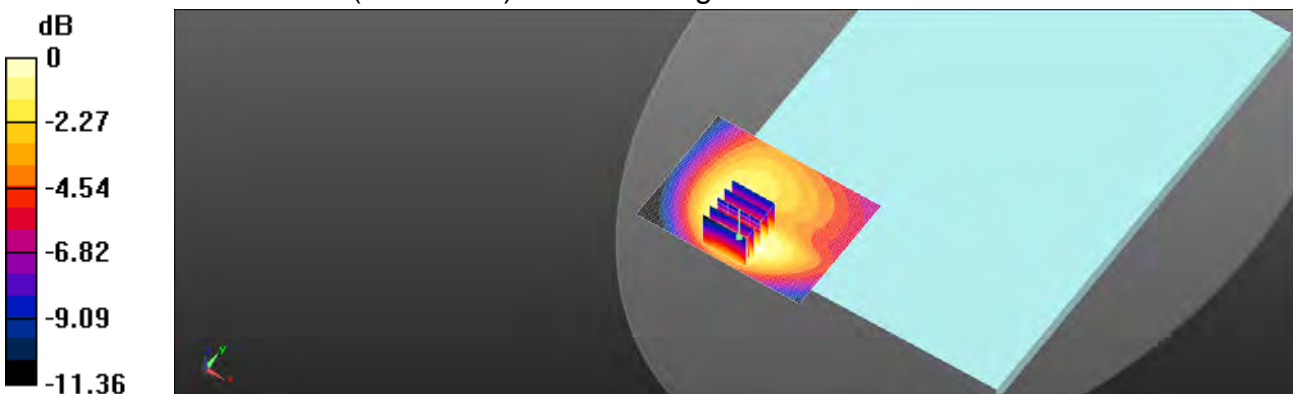
- Probe: EX3DV4 – SN3665; ConvF(9.77, 9.77, 9.77); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.348 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.515 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.285 W/kg ; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.354 W/kg

 $0 \text{ dB} = 0.354 \text{ W/kg} = -4.51 \text{ dBW/kg}$

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Date: 2019/12/16

LTE Band 13 (10MHz)_Body_Bottom side_CH 23230_QPSK_25-0_0mm_Reduce

Communication System: LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 41.508$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

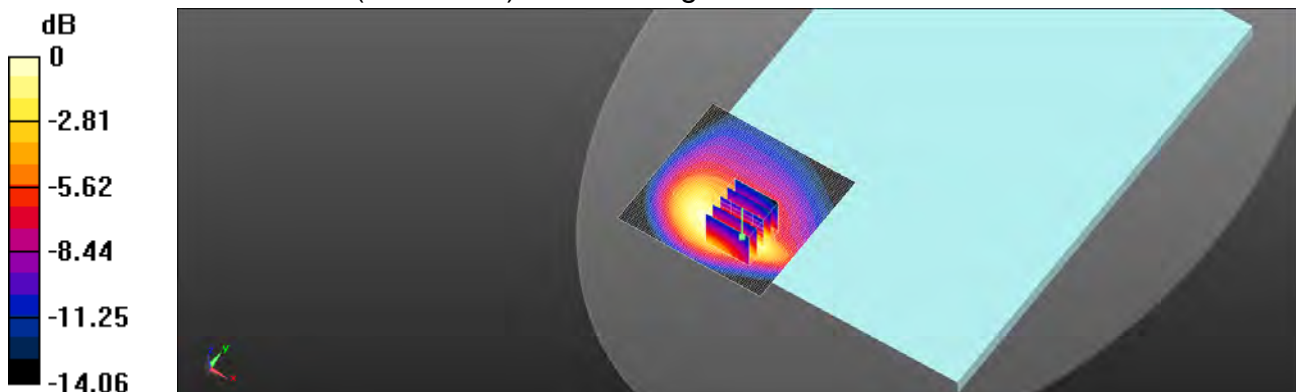
- Probe: EX3DV4 – SN3665; ConvF(9.77, 9.77, 9.77); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x71x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.14 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.7450 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.839 W/kg ; SAR(10 g) = 0.498 W/kg

Maximum value of SAR (measured) = 1.15 W/kg

 $0 \text{ dB} = 1.15 \text{ W/kg} = 0.62 \text{ dBW/kg}$

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Date: 2019/12/16

LTE Band 14 (10MHz)_Body_Bottom side_CH 23330_QPSK_1-0_21mm

Communication System: LTE Band 14; Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 41.472$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

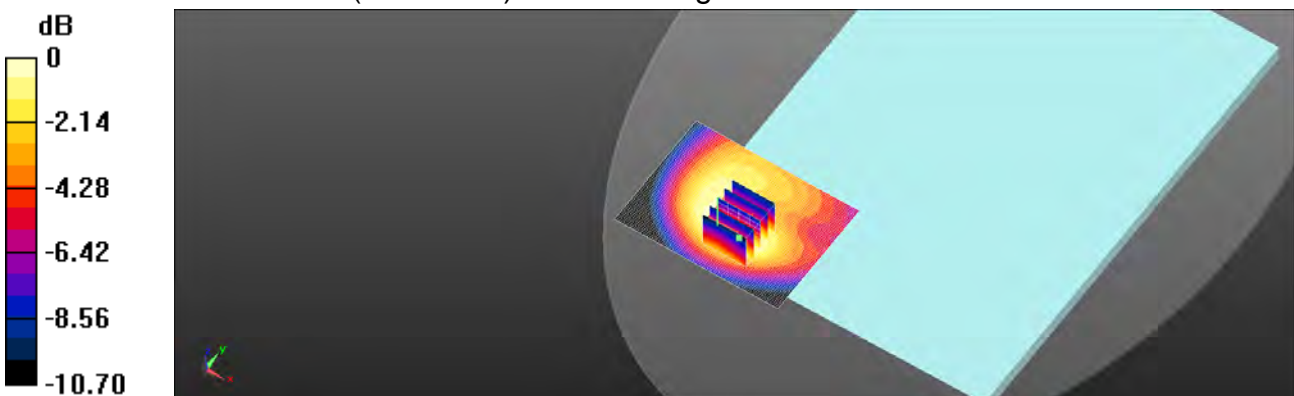
- Probe: EX3DV4 – SN3665; ConvF(9.77, 9.77, 9.77); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.334 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.467 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.264 W/kg ; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.340 W/kg

 $0 \text{ dB} = 0.340 \text{ W/kg} = -4.69 \text{ dBW/kg}$

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Date: 2019/12/16

LTE Band 14 (10MHz)_Body_Bottom side_CH 23330_QPSK_1-0_0mm_Reduce

Communication System: LTE Band 14; Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 41.472$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(9.77, 9.77, 9.77); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x71x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.12 W/kg

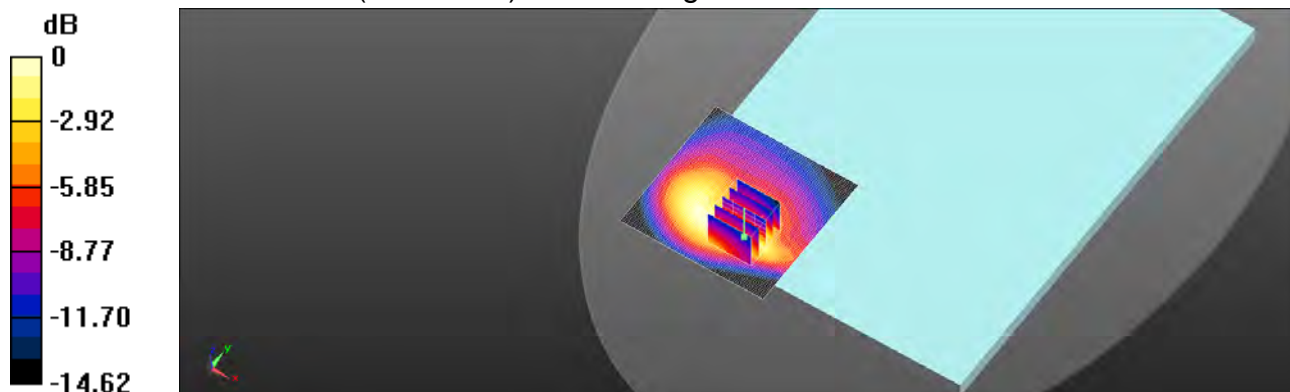
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.5570 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.828 W/kg ; SAR(10 g) = 0.479 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.50 dBW/kg

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Date: 2019/12/24

LTE Band 25 (20MHz)_Body_Bottom side_CH 26140_QPSK_1-0_21mm

Communication System: LTE Band 25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.412 \text{ S/m}$; $\epsilon_r = 40.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.03, 8.03, 8.03); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.558 W/kg

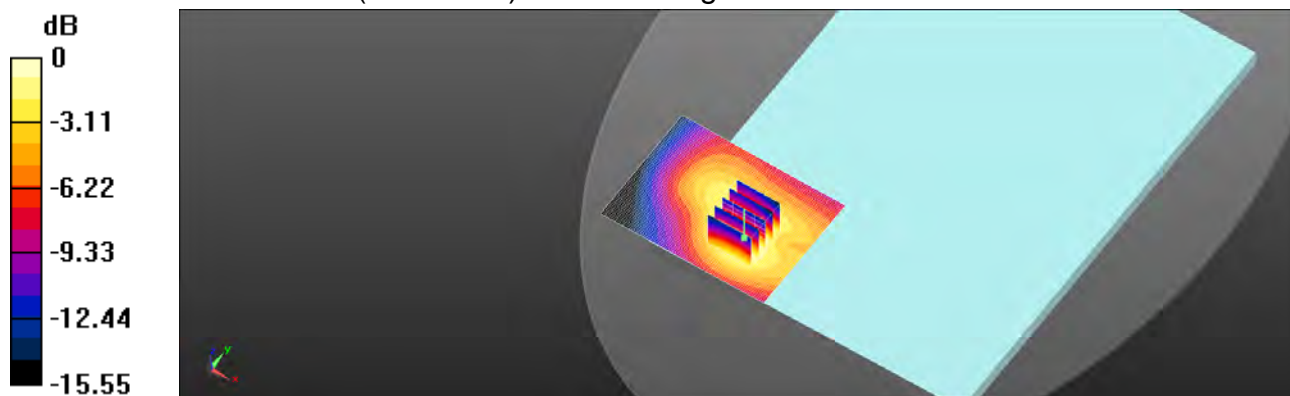
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.064 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.543 W/kg = -2.65 dBW/kg

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Date: 2019/12/24

**LTE Band 25 (20MHz)_Body_Bottom side_CH 26140_QPSK_1-0_0mm
_Reduce**

Communication System: LTE Band 25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.03, 8.03, 8.03); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x61x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

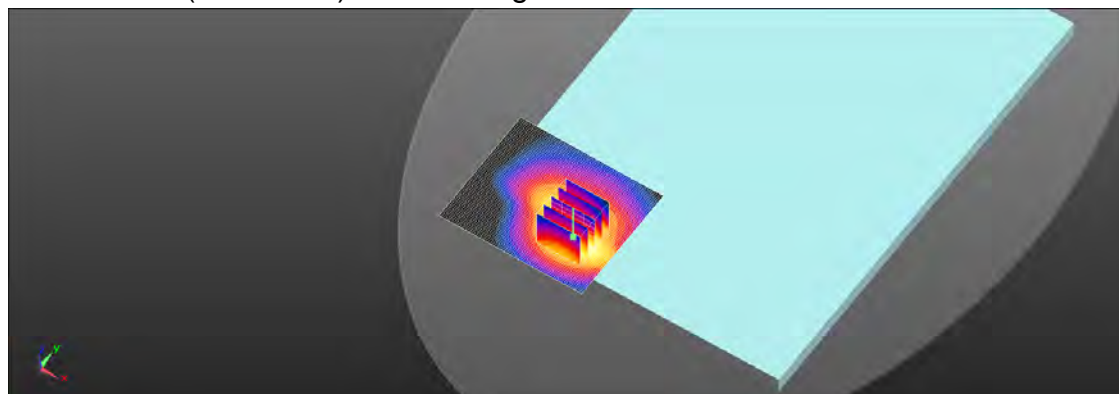
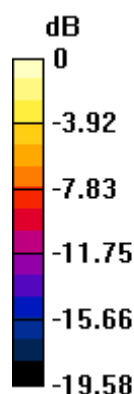
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.8240 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.32 dBW/kg

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Date: 2019/12/13

LTE Band 26 (15MHz)_Body_Bottom side_CH 26765_QPSK_1-74_0mm

Communication System: LTE Band 26; Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 821.5 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 41.344$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(9.47, 9.47, 9.47); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.158 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.875 W/kg ; SAR(10 g) = 0.533 W/kg

Maximum value of SAR (measured) = 1.15 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.158 V/m ; Power Drift = 0.02 dB

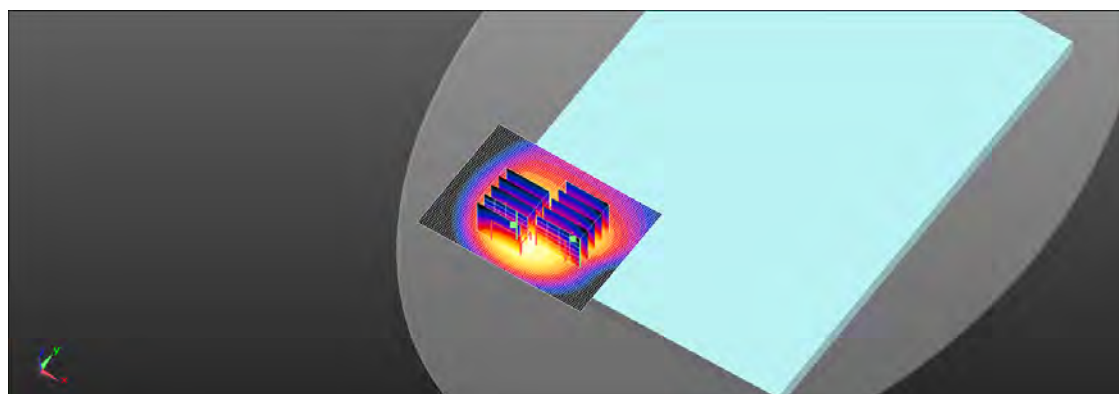
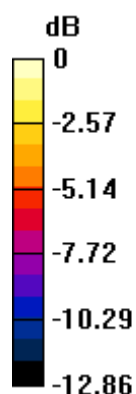
Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.672 W/kg ; SAR(10 g) = 0.454 W/kg

Maximum value of SAR (measured) = 0.996 W/kg

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0 dB = 1.15 W/kg = 0.61 dBW/kg

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Date: 2019/12/26

LTE Band 38 (20MHz)_Body_Bottom side_CH 38150_QPSK_1-0_21mm

Communication System: LTE Band 38; Frequency: 2610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2610$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 38.595$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.0°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(7.19, 7.19, 7.19); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (91x81x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.278 W/kg

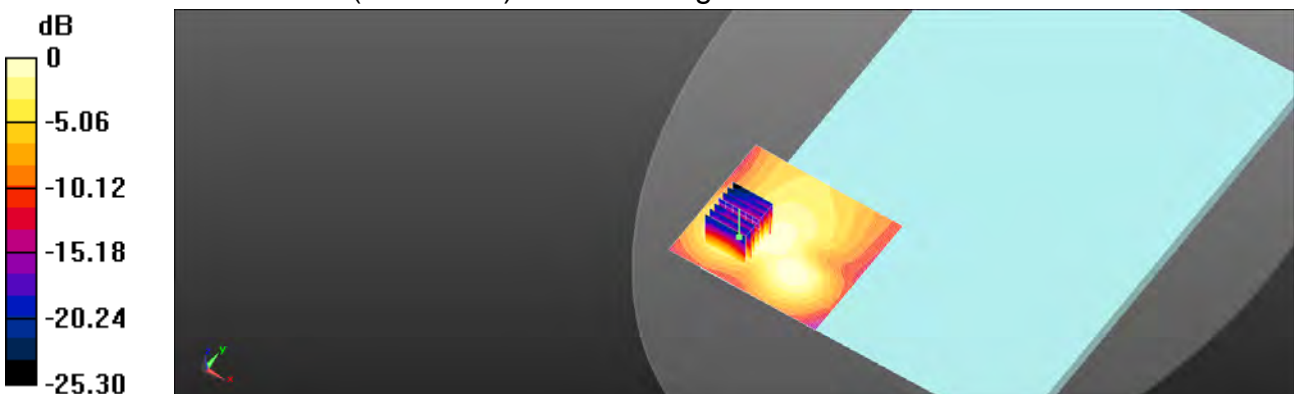
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.420 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

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Date: 2019/12/26

LTE Band 38 (20MHz)_Body_Bottom side_CH 37850_QPSK_1-0_0mm_Reduce

Communication System: LTE Band 38; Frequency: 2580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2580 \text{ MHz}$; $\sigma = 1.927 \text{ S/m}$; $\epsilon_r = 38.64$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.0°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(7.19, 7.19, 7.19); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (91x91x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4921 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.47 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4921 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

Zoom Scan (7x7x7)/Cube 2: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4921 V/m; Power Drift = 0.02 dB

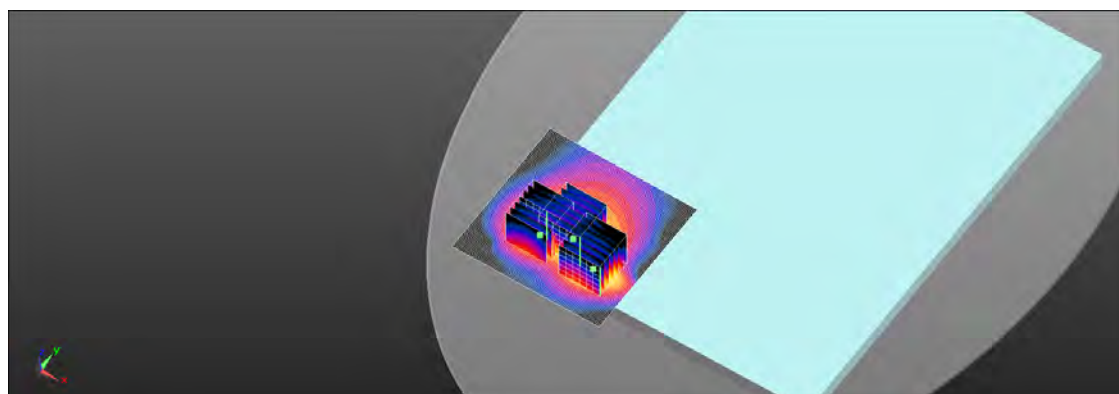
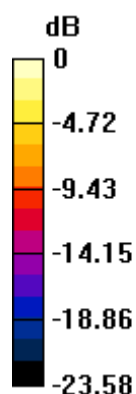
Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 1.49 W/kg

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0 dB = 1.47 W/kg = 1.67 dBW/kg

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Date: 2019/12/27

LTE Band 41 (20MHz)_Body_Bottom side_CH 40185_QPSK_1-0_21mm

Communication System: LTE Band 41; Frequency: 2549.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2549.5 \text{ MHz}$; $\sigma = 1.894 \text{ S/m}$; $\epsilon_r = 38.663$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.0°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(7.19, 7.19, 7.19); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (91x81x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.265 W/kg

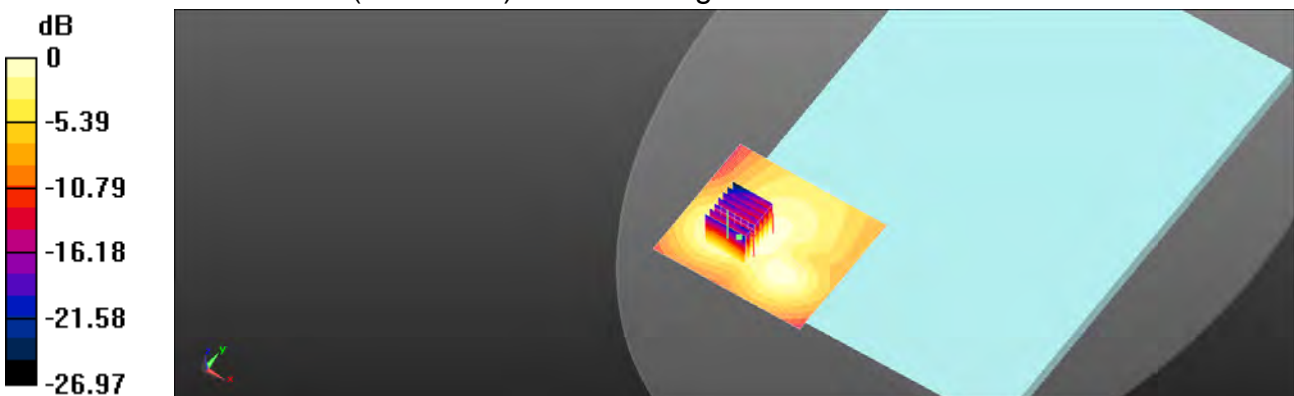
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.669 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.260 W/kg



0 dB = 0.260 W/kg = -5.85 dBW/kg

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Member of SGS Group

Date: 2019/12/27

LTE Band 41 (20MHz)_Body_Bottom side_CH 40185_QPSK_1-0_0mm_Reduce

Communication System: LTE Band 41; Frequency: 2549.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2549.5$ MHz; $\sigma = 1.894$ S/m; $\epsilon_r = 38.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.0°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(7.19, 7.19, 7.19); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (91x91x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5913 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 1.63 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5913 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 1.37 W/kg

Zoom Scan (7x7x7)/Cube 2: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5913 V/m; Power Drift = 0.04 dB

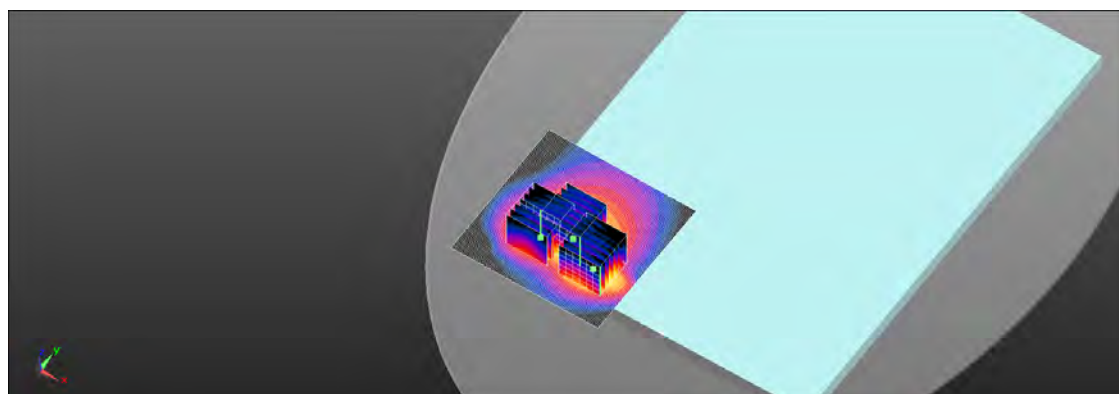
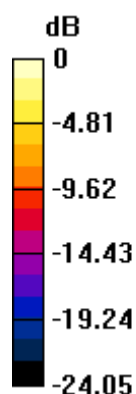
Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 1.66 W/kg

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$$0 \text{ dB} = 1.63 \text{ W/kg} = 2.13 \text{ dBW/kg}$$

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Date: 2019/12/21

LTE Band 66 (20MHz)_Body_Bottom side_CH 132572_QPSK_1-0_21mm

Communication System: LTE Band 66; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770 \text{ MHz}$; $\sigma = 1.392 \text{ S/m}$; $\epsilon_r = 40.248$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x61x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.571 W/kg

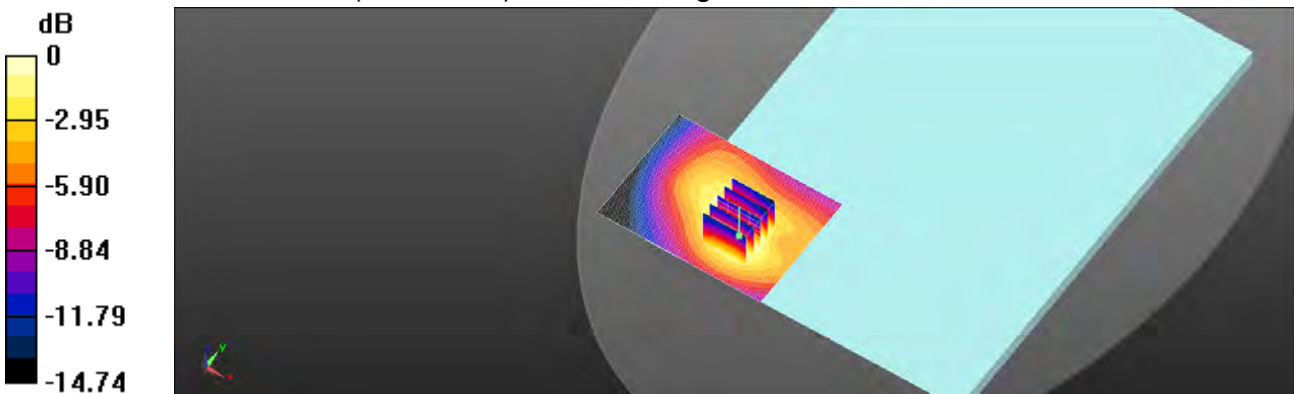
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.192 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 dBW/kg

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Date: 2019/12/21

LTE Band 66 (20MHz)_Body_Bottom side_CH 132572_QPSK_1-0_0mm_Reduce

Communication System: LTE Band 66; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 40.248$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x61x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

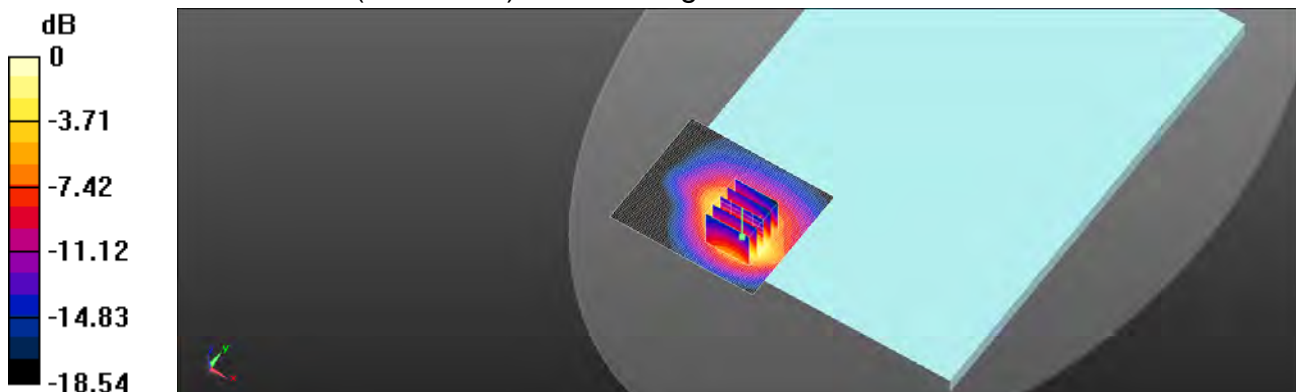
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.5380 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.542 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

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5.SAR System Performance Verification

Date: 2019/12/16

Dipole 750 MHz_SN:1015

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.888 \text{ S/m}$; $\epsilon_r = 41.702$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(9.77, 9.77, 9.77); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x71x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 2.62 W/kg

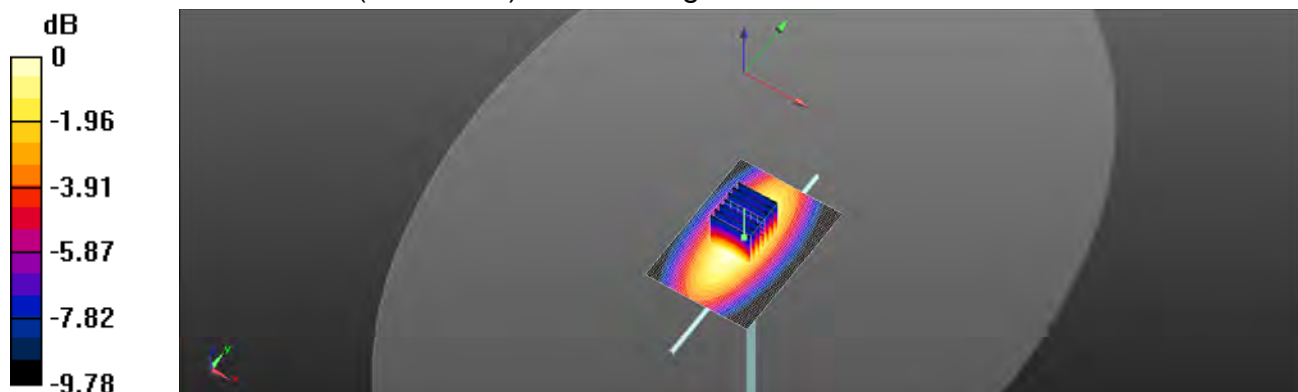
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.75 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.10 W/kg

SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.41 W/kg

Maximum value of SAR (measured) = 2.65 W/kg

 $0 \text{ dB} = 2.65 \text{ W/kg} = 4.23 \text{ dBW/kg}$

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Date: 2019/12/13

Dipole 835 MHz_SN:4d063

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.897 \text{ S/m}$; $\epsilon_r = 41.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(9.47, 9.47, 9.47); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x71x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 2.96 W/kg

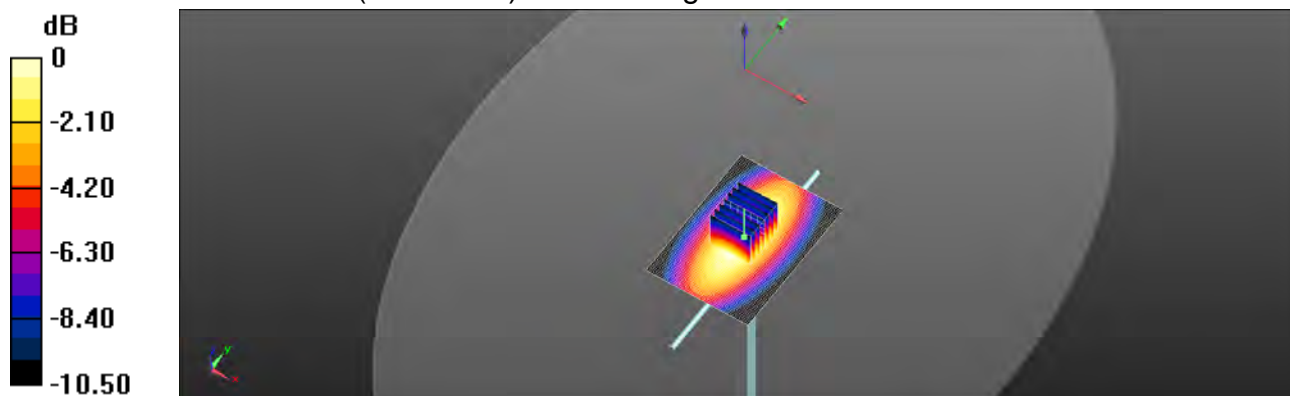
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 57.40 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.54 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



0 dB = 3.00 W/kg = 4.78 dBW/kg

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Date: 2019/12/17

Dipole 835 MHz_SN:4d063

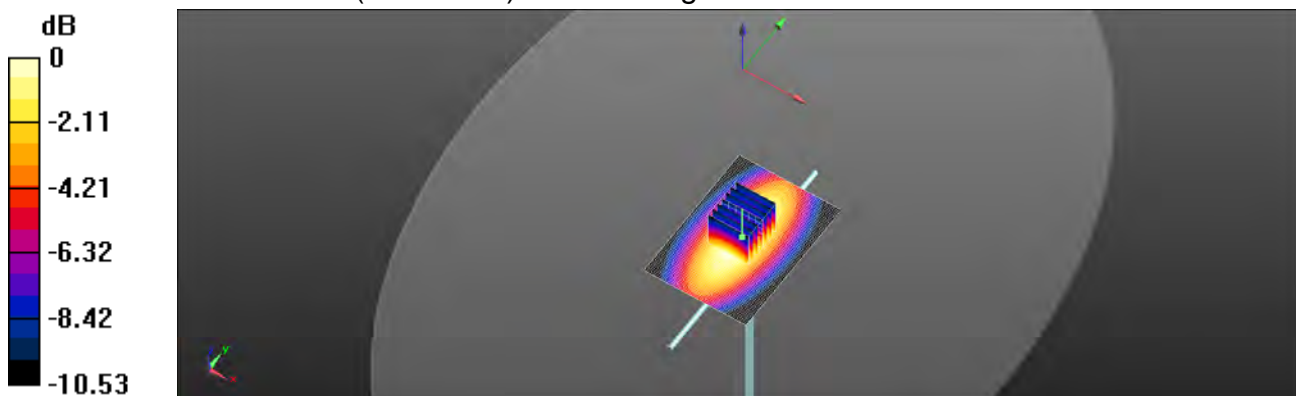
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 41.272$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.8°C **DASY5 Configuration:**

- Probe: EX3DV4 – SN3665; ConvF(9.47, 9.47, 9.47); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x71x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$ Maximum value of SAR (interpolated) = 3.28 W/kg **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 60.42 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 3.92 W/kg **SAR(1 g) = 2.43 W/kg ; SAR(10 g) = 1.56 W/kg** Maximum value of SAR (measured) = 3.33 W/kg  $0 \text{ dB} = 3.33 \text{ W/kg} = 5.22 \text{ dBW/kg}$

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Date: 2019/12/21

Dipole 1750 MHz_SN:1008

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.38 \text{ S/m}$; $\epsilon_r = 40.291$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 12.1 W/kg

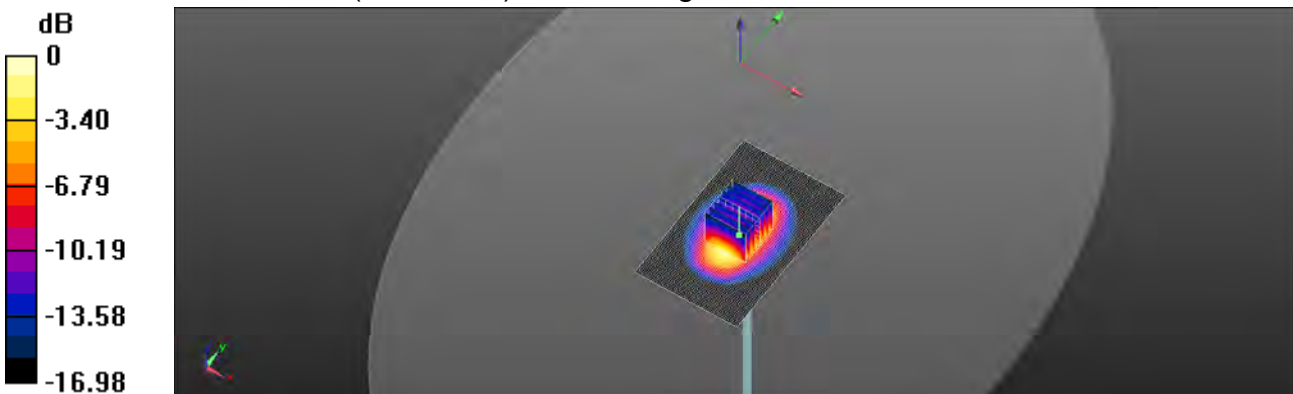
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 97.25 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 9.22 W/kg; SAR(10 g) = 4.86 W/kg

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

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Date: 2019/12/24

Dipole 1900 MHz_SN:5d173

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.415 \text{ S/m}$; $\epsilon_r = 40.202$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C ; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3665; ConvF(8.03, 8.03, 8.03); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x91x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 17.2 W/kg

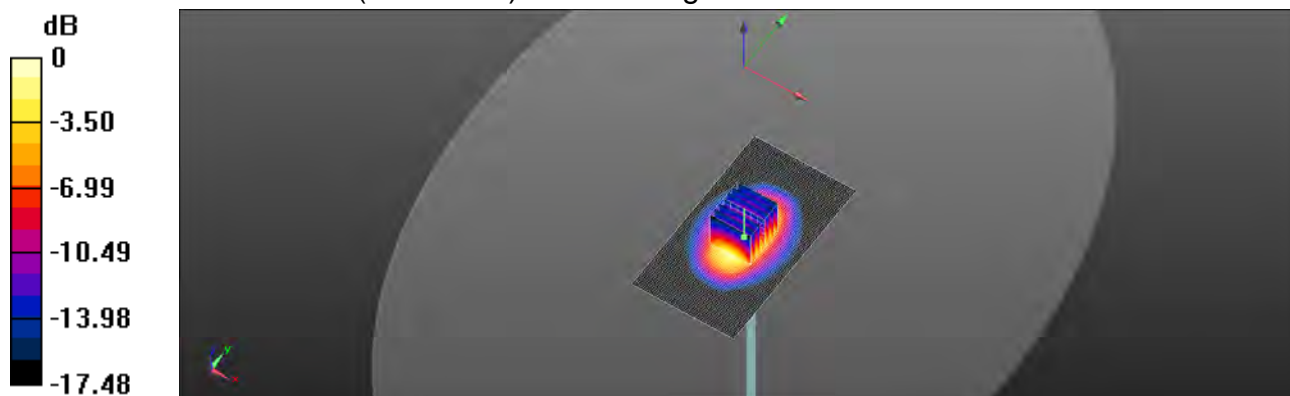
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 109.0 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 21.3 W/kg

SAR(1 g) = 9.95 W/kg ; SAR(10 g) = 5.24 W/kg

Maximum value of SAR (measured) = 16.5 W/kg



0 dB = 16.5 W/kg = 12.17 dBW/kg

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Date: 2019/12/26

Dipole 2600 MHz_SN:1005

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 1.949 \text{ S/m}$; $\epsilon_r = 38.615$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.0°C ; Liquid temperature: 21.8°C

DASY5 Configuration:

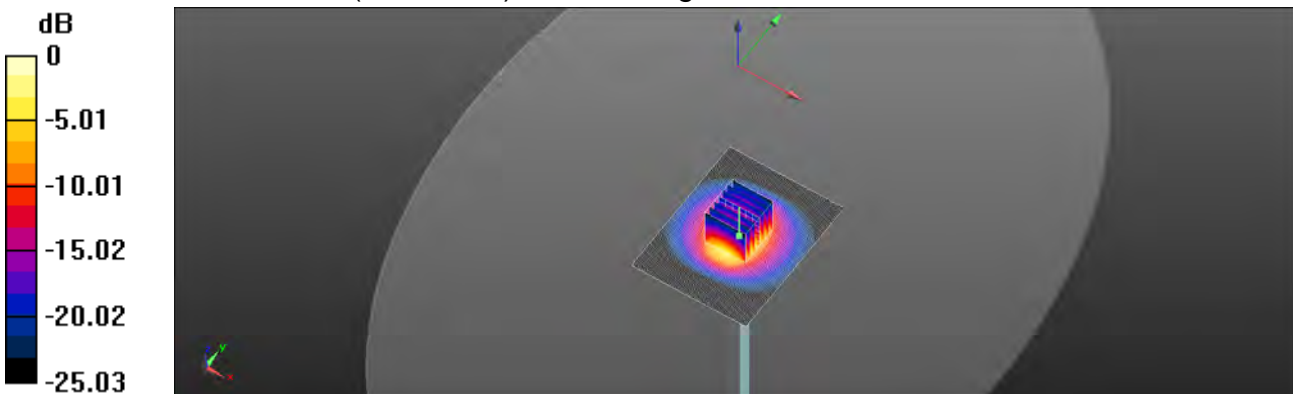
- Probe: EX3DV4 – SN3665; ConvF(7.19, 7.19, 7.19); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x91x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 22.4 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 106.9 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.1 W/kg
SAR(1 g) = 14.3 W/kg ; SAR(10 g) = 6.31 W/kg

Maximum value of SAR (measured) = 21.3 W/kg

 $0 \text{ dB} = 21.3 \text{ W/kg} = 13.29 \text{ dBW/kg}$

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Date: 2019/12/27

Dipole 2600 MHz_SN:1005

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 1.948 \text{ S/m}$; $\epsilon_r = 38.609$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.0°C ; Liquid temperature: 21.8°C

DASY5 Configuration:

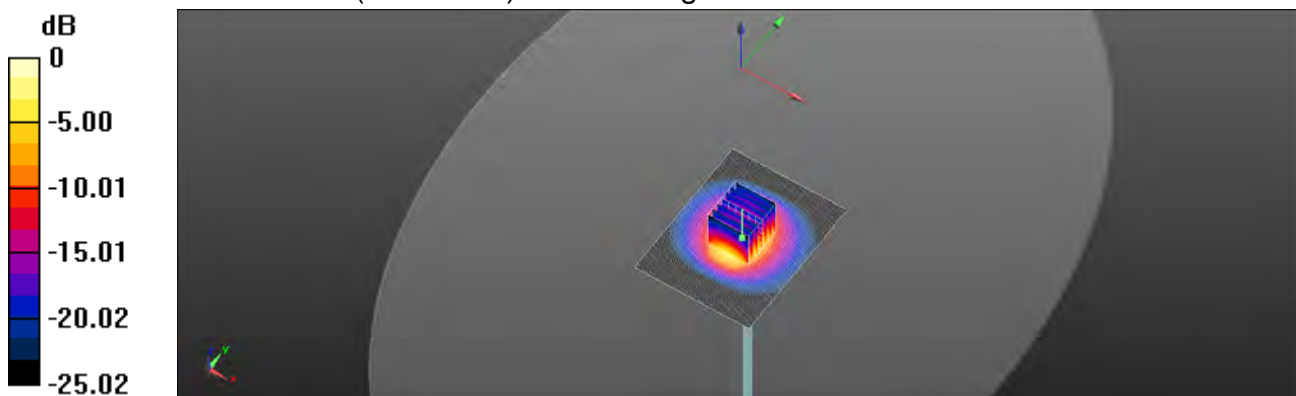
- Probe: EX3DV4 – SN3665; ConvF(7.19, 7.19, 7.19); Calibrated: 2019/8/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2019/3/22
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x91x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 22.3 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 104.11 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 29.1 W/kg
SAR(1 g) = 14.3 W/kg ; SAR(10 g) = 6.29 W/kg

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

 $0 \text{ dB} = 20.5 \text{ W/kg} = 13.16 \text{ dBW/kg}$

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6. Uncertainty Budget

Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probabilit y	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
Isotropy , Axial	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	1.05%	N	1	1	0.64	0.43	0.67%	0.45%	M
Liquid Conductivity (mea.)	1.21%	N	1	1	0.6	0.49	0.73%	0.59%	M
Combined standard uncertainty		RSS					11.46%	11.43%	

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Appendixes

Refer to separated files for the following appendixes.

E52019B0009 SAR_Appendix A Photographs

E52019B0009 SAR_Appendix B DAE & Probe Cal. Certificate

E52019B0009 SAR_Appendix C Phantom Description & Dipole Cal. Certificate

- End of report -

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