SAR TEST REPORT

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

Equipment Under Test	Notebook PC
Brand Name	HP
Model No.	TPN-Q212
Company Name	HP Inc.
Company Address	1501 Page Mill Road Palo Alto, CA 94304
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013, KDB616217D04v01r02,KDB865664D01v01r04, KDB865664D02v01r02,KDB941225D01v03r01, KDB941225D05v02r05,KDB941225D05Av01r02, KDB447498D01v06, KDB248227D01v02r02
FCC ID	B94TNQ212FWPH
Date of Receipt	Nov. 13, 2018
Date of Test(s)	Nov. 27, 2018 ~ Dec. 07, 2018
Date of Issue	Dec. 18, 2018

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: Dec. 18, 2018

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Revision History

Report Number	Revision	Description	Issue Date
E5/2018/B0008	Rev.00	Initial creation of document	Dec. 18, 2018

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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	HP Inc.
Company Address	1501 Page Mill Road Palo Alto, CA 94304

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1.3 Description of EUT

Equipment Under Test	Notebook PC		
Brand Name	HP		
Model No.	TPN-Q212		
FCC ID	B94TNQ212FWPH		
Integrated Module	WLAN	Brand Name : Intel Model Name : 9560D2W	
	WWAN	Brand Name : Fibocom Model Name : L860-GL	
Mode of Operation	☒WCDMA ☒HSDPA ☒HSUPA ☒HSPA+ ☒DC-HSDPA ☒LTE FDD ☒LTE TDD ☒WLAN802.11 a/b/g/n(20M/40M)/ac(20M/40M/80M/160M) ☒Bluetooth		
Duty Cycle	WCDMA	1	
	LTE FDD	1	
	LTE TDD	0.633	
	WLAN802.11 a/b/g/n(20M/40M)/ ac(20M/40M/80M/160M)	1	
	Bluetooth	1	
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

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TX Frequency Range (MHz)	LTE FDD Band 13	777	–	787
	LTE FDD Band 14	788	–	798
	LTE FDD Band 17	704	–	716
	LTE FDD Band 25	1850	–	1915
	LTE FDD Band 26	814	–	849
	LTE FDD Band 30	2305	–	2315
	LTE TDD Band 38	2570	–	2620
	LTE TDD Band 41	2496	–	2690
	LTE FDD Band 66	1710	–	1780
	WLAN802.11 b/g/n(20M)	2412	–	2472
	WLAN802.11 n(40M)	2422	–	2462
	WLAN802.11 a/n(20M)/ac(20M) 5.2G	5180	–	5240
	WLAN802.11 n(40M)/ac(40M) 5.2G	5190	–	5230
	WLAN802.11 ac(80M) 5.2G		5210	
	WLAN802.11 a/n(20M)/ac(20M) 5.3G	5260	–	5320
	WLAN802.11 n(40M)/ac(40M) 5.3G	5270	–	5310
	WLAN802.11 ac(80M) 5.3G		5290	
	WLAN802.11 ac(160M) 5.3G		5250	
	WLAN802.11 a/n/ac(20M) 5.6G	5500	–	5720
	WLAN802.11 n/ac(40M) 5.6G	5510	–	5710
	WLAN802.11 ac(80M) 5.6G	5530	–	5690
	WLAN802.11 ac(160M) 5.6G		5670	
	WLAN802.11 a/n(20M)/ac(20M) 5.8G	5745	–	5825
	WLAN802.11 n(40M)/ac(40M) 5.8G	5710	–	5795
	WLAN802.11 ac(80M) 5.8G		5775	
	Bluetooth	2402	–	2480
Channel Number (ARFCN)	WCDMA Band II	9262	–	9538
	WCDMA Band IV	1312	–	1513

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Channel Number (ARFCN)	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 17	23755	–	23825
	LTE FDD Band 25	26047	–	26683
	LTE FDD Band 26	26697	–	27033
	LTE FDD Band 30	27685	–	27735
	LTE TDD Band 38	37775	–	38225
	LTE TDD Band 41	39675	–	41565
	LTE FDD Band 66	131979	–	132665
	WLAN802.11 b/g/n(20M)	1	–	13
	WLAN802.11 n(40M)	3	–	11
	WLAN802.11 a/n(20M)/ac(20M) 5.2G	36	–	48
	WLAN802.11 n(40M)/ac(40M) 5.2G	38	–	46
	WLAN802.11 ac(80M) 5.2G	42		
	WLAN802.11 ac(160M) 5.2G	50		
	WLAN802.11 a/n(20M)/ac(20M) 5.3G	52	–	64
	WLAN802.11 n(40M)/ac(40M) 5.3G	54	–	62
	WLAN802.11 ac(80M) 5.3G	58		
	WLAN802.11 a/n/ac(20M) 5.6G	100	–	144
	WLAN802.11 n/ac(40M) 5.6G	102	–	142
	WLAN802.11 ac(80M) 5.6G	106	–	138
	WLAN802.11 ac(160M) 5.6G	114		

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Channel Number (ARFCN)	WLAN802.11 a/n(20M)/ac(20M) 5.8G	149	–	165
	WLAN802.11 n(40M)/ac(40M) 5.8G	151	–	159
	WLAN802.11 ac(80M) 5.8G	155		
	Bluetooth	0	–	78

Max. SAR (1 g) (Unit: W/Kg)				
Band	Measured	Reported	Channel	Position
WCDMA Band II	0.73	0.74	9538	Right side
WCDMA Band IV	0.76	0.78	1513	Right side
WCDMA Band V	0.46	0.46	4233	Top side
LTE FDD Band 2	0.74	0.79	18700	Right side
LTE FDD Band 4	0.77	0.82	20050	Right side
LTE FDD Band 5	0.52	0.52	20525	Top side
LTE FDD Band 7	0.69	0.72	20850	Top side
LTE FDD Band 12	0.45	0.45	23060	Top side
LTE FDD Band 13	0.42	0.42	23230	Top side
LTE FDD Band 14	0.42	0.45	23330	Top side
LTE FDD Band 17	0.46	0.46	23800	Top side
LTE FDD Band 25	0.74	0.75	26140	Right side
LTE FDD Band 26	0.52	0.52	26965	Top side
LTE FDD Band 30	0.75	0.77	27710	Top side
LTE TDD Band 38	0.52	0.56	38150	Right side
LTE TDD Band 41	0.40	0.41	41490	Top side
LTE FDD Band 66	0.83	0.88	132572	Right side

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Max. SAR (1g) (Unit: W/Kg)					
Antenna	Band	Measured	Reported	Channel	Position
Main	WLAN 802.11b	0.63	0.63	6	Top side
	Bluetooth (GFSK)	0.02	0.02	78	Top side
	WLAN 802.11ac(80M) 5.2G	0.72	0.72	42	Top side
	WLAN 802.11n(40M) 5.3G	0.88	0.88	62	Top side
	WLAN 802.11ac(80M) 5.6G	0.81	0.82	106	Top side
	WLAN 802.11ac(80M) 5.8G	0.70	0.70	155	Top side
Aux	WLAN 802.11b	0.57	0.57	1	Top side
	WLAN 802.11n(40M) 5.2G	1.16	1.17	38	Top side
	WLAN 802.11a 5.3G	1.17	1.18	60	Top side
	WLAN 802.11n(40M) 5.3G	1.17	1.17	54	Top side
	WLAN 802.11ac(80M) 5.6G	0.88	0.89	106	Top side
	WLAN 802.11n(40M) 5.8G	1.02	1.03	151	Top side

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Antenna Information

WLAN

Tablet mode								
Vendor	**Acon**				**Acon**			
Antenna	**Main (PIFA)**				**Aux (PIFA)**			
Part Number	DQ640001900(ANP6Y-400019)				DQ640001900(ANP6Y-400019)			
Frequency	2.4G	5.2G	5.5G	5.8G	2.4G	5.2G	5.5G	5.8G
Gain (dBi)	-0.60	-0.42	1.55	1.23	-1.02	-3.57	-4.19	-1.57

WWAN

Vendor	**Acon**					
Antenna	**Main (PIFA)**					
Part Number	DQ60AUP6Y00(AUP6Y-400000)					
Frequency	750	835	1750	1900	2300	2600
Gain (dBi)	-5.86	-4.97	-5.78	-5.76	-3.48	-4.97

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WWAN Maximum full / reduced power table

Band	Full power target(dBm)	Reduce power target(dBm)
WCDMA B2	24.5	17
WCDMA B4	24.5	20
WCDMA B5	24.5	19
LTE B2	24	17
LTE B4	24	20
LTE B5	25	19
LTE B7	24	16
LTE B12	24	18
LTE B13	24	19
LTE B14	24	19
LTE B17	24	18
LTE B25	24	17
LTE B26	25	19
LTE B30	23	16
LTE B38	24	19
LTE B41	24	19
LTE B66	24	20

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WLAM Maximum full power table

WLAN 2.4G power target(dBm)		20M		20M	
frequency	ch	Main	Aux	Main	Aux
2412	1	19.5	19.5	16	16
2417	2	20.5	20.5	17.5	18.5
2422	3	20.5	20.5	20.5	20.5
2427	4	20.5	20.5	20.5	20.5
2432	5	20.5	20.5	20.5	20.5
2437	6	20.5	20.5	20.5	20.5
2442	7	20.5	20.5	20.5	20.5
2447	8	20.5	20.5	20.5	20.5
2452	9	20.5	20.5	20.5	20.5
2457	10	20.5	20.5	18.5	18.5
2462	11	19.5	19.5	16	16.5
2467	12	18.5	18.5	13.5	13
2472	13	15	15	-6	-6.5
WLAN 2.4G power target(dBm)		40M			
frequency	ch	Main	Aux		
2422	3	14	14		
2427	4	16	16		
2432	5	16	16		
2437	6	16	16		
2442	7	15	14		
2447	8	15	14		
2452	9	13.75	13.75		
2457	10	9	9.5		
2462	11	4.5	3.25		

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WLAN 5G Power target(dBm)		20M	
frequency	ch	Main	Aux
5180	36	17.75	16.5
5200	40	20.5	20.5
5220	44	20.5	20.5
5240	48	20.5	20.5
5260	52	20.5	20.5
5280	56	20.5	20.5
5300	60	20.5	20.5
5320	64	18	17
5500	100	16.75	17
5520	104	20.5	20.5
5540	108	20.5	20.5
5560	112	20.5	20.5
5580	116	20.5	20.5
5600	120	20.5	20.5
5620	124	20.5	20.5
5640	128	20.5	20.5
5660	132	20.5	20.5
5680	136	20.5	20.5
5700	140	18.5	18.5
5720	144	20.5	19.5
5745	149	20.5	20.5
5765	153	20.5	20.5
5785	157	20.5	20.5
5805	161	20.5	20.5
5825	165	20.5	20.5

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WLAN 5G Power target(dBm)		40M	
frequency	ch	Main	Aux
5190	38	19.25	19.25
5230	46	20.5	20.5
5270	54	20.5	20.5
5310	62	15.5	15.5
5510	102	14.5	14.25
5550	110	17.5	17.5
5590	118	17.5	17.5
5630	126	17.5	17.5
5670	134	19.5	18.5
5710	142	20	20.5
5755	151	20.5	19.5
5795	159	20.5	20.5

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WLAN 5G Power target(dBm)		80M	
frequency	ch	Main	Aux
5210	42	18	17
5290	58	14.5	14.5
5530	106	18.5	16
5610	122	18.5	18
5690	138	19.5	20
5775	155	16.5	16

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WLAN 5G Power target(dBm)		160M	
frequency	ch	Main	Aux
5250	50	15	16
5570	114	12.5	12.5

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WLAN Maximum reduced power table

WLAN 2.4G power target(dBm)		20M		20M	
frequency	ch	Main	Aux	Main	Aux
2412	1	19	19	16	16
2417	2	19	19	17.5	18.5
2422	3	19	19	19	19
2427	4	19	19	19	19
2432	5	19	19	19	19
2437	6	19	19	19	19
2442	7	19	19	19	19
2447	8	19	19	19	19
2452	9	19	19	19	19
2457	10	19	19	18.5	18.5
2462	11	19	19	16	16.5
2467	12	18.5	18.5	13.5	13
2472	13	15	15	-6	-6.5
WLAN 2.4G power target(dBm)		40M			
frequency	ch	Main	Aux		
2422	3	14	14		
2427	4	16	16		
2432	5	16	16		
2437	6	16	16		
2442	7	15	14		
2447	8	15	14		
2452	9	13.75	13.75		
2457	10	9	9.5		
2462	11	4.5	3.25		

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WLAN 5G Power target(dBm)		20M	
frequency	ch	Main	Aux
5180	36	15.5	16.5
5200	40	15.5	17.5
5220	44	15.5	17.5
5240	48	15.5	17.5
5260	52	15.5	17.5
5280	56	15.5	17.5
5300	60	15.5	17.5
5320	64	15.5	17
5500	100	15.5	16
5520	104	15.5	16
5540	108	15.5	16
5560	112	15.5	16
5580	116	15.5	16
5600	120	15.5	16
5620	124	15.5	16
5640	128	15.5	16
5660	132	15.5	16
5680	136	15.5	16
5700	140	15.5	16
5720	144	15.5	16
5745	149	15.5	17.5
5765	153	15.5	17.5
5785	157	15.5	17.5
5805	161	15.5	17.5
5825	165	15.5	17.5

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WLAN 5G Power target(dBm)		40M	
frequency	ch	Main	Aux
5190	38	15.5	17.5
5230	46	15.5	17.5
5270	54	15.5	17.5
5310	62	15.5	15.5
5510	102	14.5	14.25
5550	110	15.5	16
5590	118	15.5	16
5630	126	15.5	16
5670	134	15.5	16
5710	142	15.5	16
5755	151	15.5	17.5
5795	159	15.5	17.5

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WLAN 5G Power target(dBm)		80M	
frequency	ch	Main	Aux
5210	42	15.5	17
5290	58	14.5	14.5
5530	106	15.5	16
5610	122	15.5	16
5690	138	15.5	16
5775	155	15.5	16

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WLAN 5G Power target(dBm)		160M	
frequency	ch	Main	Aux
5250	50	15	16
5570	114	12.5	12.5

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

Unit: dBm

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**24.50**		
3GPP Rel 99	RMC 12.2Kbps	23.92	23.76	23.99
3GPP Rel 5	HSDPA Subtest-1	23.68	23.75	23.98
	HSDPA Subtest-2	22.71	22.70	22.82
	HSDPA Subtest-3	22.24	22.26	22.34
	HSDPA Subtest-4	21.96	21.96	22.05
3GPP Rel 6	HSUPA Subtest-1	23.29	23.21	23.26
	HSUPA Subtest-2	23.81	23.72	23.80
	HSUPA Subtest-3	22.25	22.26	22.23
	HSUPA Subtest-4	23.90	23.74	23.82
	HSUPA Subtest-5	22.78	22.72	22.74
3GPP Rel 7	HSPA+ Subtest-1	21.74	21.82	21.89
3GPP Rel 8	DC-HSDPA Subtest-1	21.35	21.57	21.61
	DC-HSDPA Subtest-2	21.06	21.32	21.33
	DC-HSDPA Subtest-3	20.77	21.07	21.05
	DC-HSDPA Subtest-4	20.78	20.82	20.77

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Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**24.50**		
3GPP Rel 99	RMC 12.2Kbps	23.68	23.84	23.79
3GPP Rel 5	HSDPA Subtest-1	23.63	23.83	23.78
	HSDPA Subtest-2	22.66	22.79	22.77
	HSDPA Subtest-3	22.16	22.31	22.27
	HSDPA Subtest-4	21.94	22.03	22.02
3GPP Rel 6	HSUPA Subtest-1	23.14	23.28	23.23
	HSUPA Subtest-2	23.67	23.80	23.72
	HSUPA Subtest-3	22.15	22.31	22.27
	HSUPA Subtest-4	23.66	23.82	23.77
	HSUPA Subtest-5	22.68	22.80	22.76
3GPP Rel 7	HSPA+ Subtest-1	21.50	21.90	21.69
3GPP Rel 8	DC-HSDPA Subtest-1	21.11	21.65	21.41
	DC-HSDPA Subtest-2	20.82	21.40	21.13
	DC-HSDPA Subtest-3	20.53	21.15	20.85
	DC-HSDPA Subtest-4	20.54	20.90	20.57
Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**24.50**		
3GPP Rel 99	RMC 12.2Kbps	23.75	23.85	23.98
3GPP Rel 5	HSDPA Subtest-1	23.74	23.84	23.94
	HSDPA Subtest-2	22.63	22.76	22.79
	HSDPA Subtest-3	22.07	22.26	22.16
	HSDPA Subtest-4	21.89	21.99	21.94
3GPP Rel 6	HSUPA Subtest-1	22.56	22.71	22.77
	HSUPA Subtest-2	20.38	20.36	20.37
	HSUPA Subtest-3	21.05	21.11	21.10
	HSUPA Subtest-4	20.57	20.64	20.62
	HSUPA Subtest-5	22.60	22.80	22.70
3GPP Rel 7	HSPA+ Subtest-1	21.57	21.91	21.88
3GPP Rel 8	DC-HSDPA Subtest-1	21.18	21.66	21.60
	DC-HSDPA Subtest-2	20.89	21.41	21.32
	DC-HSDPA Subtest-3	20.60	21.16	21.04
	DC-HSDPA Subtest-4	20.61	20.91	20.76

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

Unit: dBm

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**17.00**		
3GPP Rel 99	RMC 12.2Kbps	16.91	16.84	16.96
3GPP Rel 5	HSDPA Subtest-1	16.83	16.83	16.95
	HSDPA Subtest-2	16.82	16.73	16.85
	HSDPA Subtest-3	16.83	16.74	16.88
	HSDPA Subtest-4	16.74	16.81	16.83
3GPP Rel 6	HSUPA Subtest-1	16.42	16.31	16.38
	HSUPA Subtest-2	16.83	16.70	16.76
	HSUPA Subtest-3	16.62	16.49	16.58
	HSUPA Subtest-4	16.69	16.69	16.77
	HSUPA Subtest-5	16.90	16.80	16.90
3GPP Rel 7	HSPA+ Subtest-1	16.66	16.73	16.84
3GPP Rel 8	DC-HSDPA Subtest-1	16.76	16.77	16.85
	DC-HSDPA Subtest-2	16.71	16.59	16.76
	DC-HSDPA Subtest-3	16.80	16.64	16.64
	DC-HSDPA Subtest-4	16.65	16.72	16.70

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Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**20.00**		
3GPP Rel 99	RMC 12.2Kbps	19.78	19.90	19.91
3GPP Rel 5	HSDPA Subtest-1	19.71	19.75	19.83
	HSDPA Subtest-2	19.61	19.64	19.80
	HSDPA Subtest-3	19.62	19.59	19.80
	HSDPA Subtest-4	19.59	19.58	19.79
3GPP Rel 6	HSUPA Subtest-1	19.70	19.76	19.90
	HSUPA Subtest-2	19.72	19.83	19.88
	HSUPA Subtest-3	19.67	19.67	19.83
	HSUPA Subtest-4	19.77	19.89	19.89
	HSUPA Subtest-5	19.67	19.61	19.84
3GPP Rel 7	HSPA+ Subtest-1	19.60	19.68	19.76
3GPP Rel 8	DC-HSDPA Subtest-1	19.51	19.70	19.72
	DC-HSDPA Subtest-2	19.36	19.58	19.67
	DC-HSDPA Subtest-3	19.38	19.42	19.51
	DC-HSDPA Subtest-4	19.55	19.31	19.59
Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**19.00**		
3GPP Rel 99	RMC 12.2Kbps	18.81	18.85	18.99
3GPP Rel 5	HSDPA Subtest-1	18.77	18.82	18.95
	HSDPA Subtest-2	18.76	18.78	18.90
	HSDPA Subtest-3	18.76	18.26	18.95
	HSDPA Subtest-4	18.74	18.81	18.89
3GPP Rel 6	HSUPA Subtest-1	18.26	18.61	18.52
	HSUPA Subtest-2	18.68	18.48	18.76
	HSUPA Subtest-3	18.33	18.28	18.73
	HSUPA Subtest-4	18.69	18.77	18.83
	HSUPA Subtest-5	18.80	18.80	18.98
3GPP Rel 7	HSPA+ Subtest-1	18.68	18.84	18.89
3GPP Rel 8	DC-HSDPA Subtest-1	18.52	18.73	18.82
	DC-HSDPA Subtest-2	18.72	18.52	18.80
	DC-HSDPA Subtest-3	18.57	18.08	18.81
	DC-HSDPA Subtest-4	18.45	18.76	18.74

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Sub-Test for HSDPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1, 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} (Note1)	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	$\beta_{ed}1$: 47/15 $\beta_{ed}2$: 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 17 / Band 25 / Band 26 / Band 30 / 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	23.56	24	0
				1880	18900	23.46	24	0
				1900	19100	23.35	24	0
			50	1860	18700	23.33	24	0
				1880	18900	23.38	24	0
				1900	19100	23.12	24	0
			99	1860	18700	23.18	24	0
				1880	18900	23.19	24	0
				1900	19100	23.04	24	0
		50 RB	0	1860	18700	22.57	23	0-1
				1880	18900	22.44	23	0-1
				1900	19100	22.19	23	0-1
			25	1860	18700	22.45	23	0-1
				1880	18900	22.22	23	0-1
				1900	19100	22.15	23	0-1
			50	1860	18700	22.42	23	0-1
				1880	18900	22.11	23	0-1
				1900	19100	22.26	23	0-1
		100RB		1860	18700	22.46	23	0-1
				1880	18900	22.30	23	0-1
				1900	19100	22.25	23	0-1
	16-QAM	1 RB	0	1860	18700	22.92	23	0-1
				1880	18900	22.35	23	0-1
				1900	19100	22.23	23	0-1
			50	1860	18700	22.89	23	0-1
				1880	18900	22.71	23	0-1
				1900	19100	22.09	23	0-1
			99	1860	18700	22.29	23	0-1
				1880	18900	21.98	23	0-1
				1900	19100	22.44	23	0-1
		50 RB	0	1860	18700	21.57	22	0-2
				1880	18900	21.41	22	0-2
				1900	19100	21.25	22	0-2
			25	1860	18700	21.51	22	0-2
				1880	18900	21.27	22	0-2
				1900	19100	21.14	22	0-2
			50	1860	18700	21.40	22	0-2
				1880	18900	21.14	22	0-2
				1900	19100	21.21	22	0-2
		100RB		1860	18700	21.48	22	0-2
				1880	18900	21.30	22	0-2
				1900	19100	21.25	22	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	22.79	23	0-1
				1880	18900	22.34	23	0-1
				1900	19100	22.15	23	0-1
			50	1860	18700	22.70	23	0-1
				1880	18900	22.52	23	0-1
				1900	19100	22.07	23	0-1
			99	1860	18700	22.18	23	0-1
				1880	18900	21.84	23	0-1
				1900	19100	22.27	23	0-1
		50 RB	0	1860	18700	21.38	22	0-2
				1880	18900	21.26	22	0-2
				1900	19100	21.08	22	0-2
			25	1860	18700	21.42	22	0-2
				1880	18900	21.25	22	0-2
				1900	19100	21.00	22	0-2
			50	1860	18700	21.28	22	0-2
				1880	18900	21.01	22	0-2
				1900	19100	21.06	22	0-2
		100RB		1860	18700	21.30	22	0-2
				1880	18900	21.23	22	0-2
				1900	19100	21.09	22	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	23.37	24	0
				1880	18900	23.38	24	0
				1902.5	19125	23.15	24	0
			36	1857.5	18675	23.45	24	0
				1880	18900	23.39	24	0
				1902.5	19125	23.10	24	0
			74	1857.5	18675	23.27	24	0
				1880	18900	22.98	24	0
				1902.5	19125	23.30	24	0
		36 RB	0	1857.5	18675	22.45	23	0-1
				1880	18900	22.38	23	0-1
				1902.5	19125	22.08	23	0-1
			18	1857.5	18675	22.37	23	0-1
				1880	18900	22.33	23	0-1
				1902.5	19125	22.17	23	0-1
			37	1857.5	18675	22.36	23	0-1
				1880	18900	22.18	23	0-1
				1902.5	19125	22.26	23	0-1
		75RB		1857.5	18675	22.42	23	0-1
				1880	18900	22.26	23	0-1
				1902.5	19125	22.23	23	0-1
	16-QAM	1 RB	0	1857.5	18675	22.96	23	0-1
				1880	18900	22.59	23	0-1
				1902.5	19125	22.43	23	0-1
			36	1857.5	18675	22.71	23	0-1
				1880	18900	22.53	23	0-1
				1902.5	19125	22.03	23	0-1
			74	1857.5	18675	22.19	23	0-1
				1880	18900	22.34	23	0-1
				1902.5	19125	22.24	23	0-1
		36 RB	0	1857.5	18675	21.52	22	0-2
				1880	18900	21.33	22	0-2
				1902.5	19125	21.01	22	0-2
			18	1857.5	18675	21.40	22	0-2
				1880	18900	21.31	22	0-2
				1902.5	19125	21.26	22	0-2
			37	1857.5	18675	21.41	22	0-2
				1880	18900	21.12	22	0-2
				1902.5	19125	21.25	22	0-2
		75RB		1857.5	18675	21.44	22	0-2
				1880	18900	21.25	22	0-2
				1902.5	19125	21.22	22	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	22.85	23	0-1
				1880	18900	22.18	23	0-1
				1902.5	19125	22.21	23	0-1
			36	1857.5	18675	22.82	23	0-1
				1880	18900	22.58	23	0-1
				1902.5	19125	21.95	23	0-1
			74	1857.5	18675	22.20	23	0-1
				1880	18900	21.87	23	0-1
				1902.5	19125	22.35	23	0-1
		36 RB	0	1857.5	18675	21.54	22	0-2
				1880	18900	21.30	22	0-2
				1902.5	19125	21.25	22	0-2
			18	1857.5	18675	21.42	22	0-2
				1880	18900	21.25	22	0-2
				1902.5	19125	21.08	22	0-2
			37	1857.5	18675	21.39	22	0-2
				1880	18900	20.98	22	0-2
				1902.5	19125	21.13	22	0-2
		75RB		1857.5	18675	21.39	22	0-2
				1880	18900	21.15	22	0-2
				1902.5	19125	21.13	22	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	23.33	24	0
				1880	18900	23.55	24	0
				1905	19150	23.02	24	0
			25	1855	18650	23.47	24	0
				1880	18900	23.19	24	0
				1905	19150	23.10	24	0
			49	1855	18650	23.54	24	0
				1880	18900	23.14	24	0
				1905	19150	23.11	24	0
		25 RB	0	1855	18650	22.46	23	0-1
				1880	18900	22.32	23	0-1
				1905	19150	22.17	23	0-1
			12	1855	18650	22.49	23	0-1
				1880	18900	22.27	23	0-1
				1905	19150	22.18	23	0-1
			25	1855	18650	22.38	23	0-1
				1880	18900	22.19	23	0-1
				1905	19150	22.25	23	0-1
		50RB		1855	18650	22.44	23	0-1
				1880	18900	22.23	23	0-1
				1905	19150	22.27	23	0-1
	16-QAM	1 RB	0	1855	18650	22.18	23	0-1
				1880	18900	22.34	23	0-1
				1905	19150	22.35	23	0-1
			25	1855	18650	22.54	23	0-1
				1880	18900	21.96	23	0-1
				1905	19150	22.30	23	0-1
			49	1855	18650	22.71	23	0-1
				1880	18900	22.07	23	0-1
				1905	19150	22.58	23	0-1
		25 RB	0	1855	18650	21.55	22	0-2
				1880	18900	21.31	22	0-2
				1905	19150	21.24	22	0-2
			12	1855	18650	21.59	22	0-2
				1880	18900	21.40	22	0-2
				1905	19150	21.31	22	0-2
			25	1855	18650	21.47	22	0-2
				1880	18900	21.22	22	0-2
				1905	19150	21.28	22	0-2
		50RB		1855	18650	21.55	22	0-2
				1880	18900	21.14	22	0-2
				1905	19150	21.24	22	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	22.73	23	0-1
				1880	18900	22.17	23	0-1
				1905	19150	22.21	23	0-1
			25	1855	18650	22.84	23	0-1
				1880	18900	22.64	23	0-1
				1905	19150	22.09	23	0-1
			49	1855	18650	22.12	23	0-1
				1880	18900	21.88	23	0-1
				1905	19150	22.40	23	0-1
		25 RB	0	1855	18650	21.50	22	0-2
				1880	18900	21.22	22	0-2
				1905	19150	21.17	22	0-2
			12	1855	18650	21.50	22	0-2
				1880	18900	21.11	22	0-2
				1905	19150	21.03	22	0-2
			25	1855	18650	21.31	22	0-2
				1880	18900	21.04	22	0-2
				1905	19150	21.18	22	0-2
		50RB		1855	18650	21.29	22	0-2
				1880	18900	21.13	22	0-2
				1905	19150	21.11	22	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	23.29	24	0
				1880	18900	23.37	24	0
				1907.5	19175	23.33	24	0
			12	1852.5	18625	23.33	24	0
				1880	18900	23.26	24	0
				1907.5	19175	23.06	24	0
			24	1852.5	18625	23.34	24	0
				1880	18900	23.15	24	0
				1907.5	19175	22.86	24	0
		12 RB	0	1852.5	18625	22.43	23	0-1
				1880	18900	22.36	23	0-1
				1907.5	19175	22.33	23	0-1
			6	1852.5	18625	22.57	23	0-1
				1880	18900	22.37	23	0-1
				1907.5	19175	22.28	23	0-1
			13	1852.5	18625	22.49	23	0-1
				1880	18900	22.29	23	0-1
				1907.5	19175	22.25	23	0-1
		25RB		1852.5	18625	22.44	23	0-1
				1880	18900	22.32	23	0-1
				1907.5	19175	22.35	23	0-1
	16-QAM	1 RB	0	1852.5	18625	22.43	23	0-1
				1880	18900	22.36	23	0-1
				1907.5	19175	22.47	23	0-1
			12	1852.5	18625	22.54	23	0-1
				1880	18900	22.22	23	0-1
				1907.5	19175	22.54	23	0-1
			24	1852.5	18625	22.85	23	0-1
				1880	18900	22.11	23	0-1
				1907.5	19175	22.22	23	0-1
		12 RB	0	1852.5	18625	21.56	22	0-2
				1880	18900	21.45	22	0-2
				1907.5	19175	21.29	22	0-2
			6	1852.5	18625	21.53	22	0-2
				1880	18900	21.32	22	0-2
				1907.5	19175	21.29	22	0-2
			13	1852.5	18625	21.50	22	0-2
				1880	18900	21.28	22	0-2
				1907.5	19175	21.25	22	0-2
		25RB		1852.5	18625	21.57	22	0-2
				1880	18900	21.29	22	0-2
				1907.5	19175	21.28	22	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	22.87	23	0-1
				1880	18900	22.23	23	0-1
				1907.5	19175	22.23	23	0-1
			12	1852.5	18625	22.82	23	0-1
				1880	18900	22.52	23	0-1
				1907.5	19175	21.91	23	0-1
			24	1852.5	18625	22.20	23	0-1
				1880	18900	21.82	23	0-1
				1907.5	19175	22.32	23	0-1
		12 RB	0	1852.5	18625	21.48	22	0-2
				1880	18900	21.32	22	0-2
				1907.5	19175	21.19	22	0-2
			6	1852.5	18625	21.34	22	0-2
				1880	18900	21.11	22	0-2
				1907.5	19175	20.95	22	0-2
			13	1852.5	18625	21.36	22	0-2
				1880	18900	21.09	22	0-2
				1907.5	19175	21.05	22	0-2
		25RB		1852.5	18625	21.31	22	0-2
				1880	18900	21.10	22	0-2
				1907.5	19175	21.14	22	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	23.20	24	0
				1880	18900	23.35	24	0
				1908.5	19185	22.99	24	0
			7	1851.5	18615	23.22	24	0
				1880	18900	23.20	24	0
				1908.5	19185	23.04	24	0
			14	1851.5	18615	23.32	24	0
				1880	18900	23.11	24	0
				1908.5	19185	22.90	24	0
		8 RB	0	1851.5	18615	22.34	23	0-1
				1880	18900	22.25	23	0-1
				1908.5	19185	22.11	23	0-1
			4	1851.5	18615	22.29	23	0-1
				1880	18900	22.18	23	0-1
				1908.5	19185	22.17	23	0-1
			7	1851.5	18615	22.42	23	0-1
				1880	18900	22.22	23	0-1
				1908.5	19185	22.10	23	0-1
		15RB		1851.5	18615	22.36	23	0-1
				1880	18900	22.20	23	0-1
				1908.5	19185	22.13	23	0-1
	16-QAM	1 RB	0	1851.5	18615	22.75	23	0-1
				1880	18900	22.59	23	0-1
				1908.5	19185	22.01	23	0-1
			7	1851.5	18615	22.35	23	0-1
				1880	18900	22.58	23	0-1
				1908.5	19185	22.71	23	0-1
			14	1851.5	18615	21.97	23	0-1
				1880	18900	22.02	23	0-1
				1908.5	19185	22.16	23	0-1
		8 RB	0	1851.5	18615	21.31	22	0-2
				1880	18900	21.23	22	0-2
				1908.5	19185	21.08	22	0-2
			4	1851.5	18615	21.27	22	0-2
				1880	18900	21.21	22	0-2
				1908.5	19185	21.10	22	0-2
			7	1851.5	18615	21.41	22	0-2
				1880	18900	21.18	22	0-2
				1908.5	19185	21.10	22	0-2
		15RB		1851.5	18615	21.26	22	0-2
				1880	18900	21.24	22	0-2
				1908.5	19185	21.08	22	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	22.71	23	0-1
				1880	18900	22.55	23	0-1
				1908.5	19185	22.00	23	0-1
			7	1851.5	18615	22.29	23	0-1
				1880	18900	22.56	23	0-1
				1908.5	19185	22.67	23	0-1
			14	1851.5	18615	21.93	23	0-1
				1880	18900	22.01	23	0-1
				1908.5	19185	22.13	23	0-1
		8 RB	0	1851.5	18615	21.29	22	0-2
				1880	18900	21.14	22	0-2
				1908.5	19185	20.99	22	0-2
			4	1851.5	18615	21.24	22	0-2
				1880	18900	21.12	22	0-2
				1908.5	19185	21.02	22	0-2
			7	1851.5	18615	21.32	22	0-2
				1880	18900	21.10	22	0-2
				1908.5	19185	21.04	22	0-2
		15RB		1851.5	18615	21.23	22	0-2
				1880	18900	21.15	22	0-2
				1908.5	19185	21.07	22	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	23.31	24	0
				1880	18900	23.33	24	0
				1909.3	19193	23.22	24	0
			2	1850.7	18607	23.32	24	0
				1880	18900	23.25	24	0
				1909.3	19193	23.03	24	0
			5	1850.7	18607	23.30	24	0
				1880	18900	23.21	24	0
				1909.3	19193	22.91	24	0
		3 RB	0	1850.7	18607	22.93	23	0
				1880	18900	22.97	23	0
				1909.3	19193	22.99	23	0
			2	1850.7	18607	22.99	23	0
				1880	18900	22.91	23	0
				1909.3	19193	23.00	23	0
			3	1850.7	18607	22.95	23	0
				1880	18900	22.95	23	0
				1909.3	19193	22.93	23	0
		6RB		1850.7	18607	22.33	23	0-1
				1880	18900	22.20	23	0-1
				1909.3	19193	22.09	23	0-1
	16-QAM	1 RB	0	1850.7	18607	22.34	23	0-1
				1880	18900	22.22	23	0-1
				1909.3	19193	22.27	23	0-1
			2	1850.7	18607	22.66	23	0-1
				1880	18900	22.27	23	0-1
				1909.3	19193	22.04	23	0-1
			5	1850.7	18607	22.11	23	0-1
				1880	18900	22.41	23	0-1
				1909.3	19193	22.36	23	0-1
		3 RB	0	1850.7	18607	21.98	22	0-1
				1880	18900	21.99	22	0-1
				1909.3	19193	22.00	22	0-1
			2	1850.7	18607	21.95	22	0-1
				1880	18900	21.98	22	0-1
				1909.3	19193	21.91	22	0-1
			3	1850.7	18607	21.97	22	0-1
				1880	18900	21.95	22	0-1
				1909.3	19193	21.78	22	0-1
		6RB		1850.7	18607	21.44	22	0-2
				1880	18900	21.22	22	0-2
				1909.3	19193	21.00	22	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	22.88	23	0-1
				1880	18900	22.15	23	0-1
				1909.3	19193	22.17	23	0-1
			2	1850.7	18607	22.82	23	0-1
				1880	18900	22.57	23	0-1
				1909.3	19193	21.99	23	0-1
			5	1850.7	18607	22.28	23	0-1
				1880	18900	21.96	23	0-1
				1909.3	19193	22.42	23	0-1
		3 RB	0	1850.7	18607	21.46	22	0-1
				1880	18900	21.40	22	0-1
				1909.3	19193	21.16	22	0-1
			2	1850.7	18607	21.31	22	0-1
				1880	18900	21.14	22	0-1
				1909.3	19193	21.13	22	0-1
			3	1850.7	18607	21.30	22	0-1
				1880	18900	21.07	22	0-1
				1909.3	19193	21.09	22	0-1
		6RB		1850.7	18607	21.45	22	0-2
				1880	18900	21.29	22	0-2
				1909.3	19193	21.17	22	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	23.28	24	0
				1732.5	20175	23.23	24	0
				1745	20300	23.23	24	0
			50	1720	20050	23.50	24	0
				1732.5	20175	23.25	24	0
				1745	20300	23.32	24	0
			99	1720	20050	23.18	24	0
				1732.5	20175	23.37	24	0
				1745	20300	23.16	24	0
		50 RB	0	1720	20050	22.18	23	0-1
				1732.5	20175	22.25	23	0-1
				1745	20300	22.20	23	0-1
			25	1720	20050	22.17	23	0-1
				1732.5	20175	22.06	23	0-1
				1745	20300	22.15	23	0-1
			50	1720	20050	22.20	23	0-1
				1732.5	20175	22.07	23	0-1
				1745	20300	22.09	23	0-1
		100RB		1720	20050	22.21	23	0-1
				1732.5	20175	22.10	23	0-1
				1745	20300	22.18	23	0-1
	16-QAM	1 RB	0	1720	20050	22.91	23	0-1
				1732.5	20175	22.79	23	0-1
				1745	20300	22.87	23	0-1
			50	1720	20050	22.74	23	0-1
				1732.5	20175	22.30	23	0-1
				1745	20300	22.50	23	0-1
			99	1720	20050	22.84	23	0-1
				1732.5	20175	22.32	23	0-1
				1745	20300	22.43	23	0-1
		50 RB	0	1720	20050	21.27	22	0-2
				1732.5	20175	21.28	22	0-2
				1745	20300	21.27	22	0-2
			25	1720	20050	21.21	22	0-2
				1732.5	20175	21.22	22	0-2
				1745	20300	21.25	22	0-2
			50	1720	20050	21.21	22	0-2
				1732.5	20175	21.18	22	0-2
				1745	20300	21.06	22	0-2
		100RB		1720	20050	21.31	22	0-2
				1732.5	20175	21.20	22	0-2
				1745	20300	21.23	22	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	22.75	23	0-1
				1732.5	20175	22.77	23	0-1
				1745	20300	22.75	23	0-1
			50	1720	20050	22.63	23	0-1
				1732.5	20175	22.18	23	0-1
				1745	20300	22.32	23	0-1
			99	1720	20050	22.72	23	0-1
				1732.5	20175	22.20	23	0-1
				1745	20300	22.32	23	0-1
		50 RB	0	1720	20050	21.23	22	0-2
				1732.5	20175	21.25	22	0-2
				1745	20300	21.27	22	0-2
			25	1720	20050	21.15	22	0-2
				1732.5	20175	21.16	22	0-2
				1745	20300	21.21	22	0-2
			50	1720	20050	21.14	22	0-2
				1732.5	20175	21.10	22	0-2
				1745	20300	20.96	22	0-2
		100RB		1720	20050	21.24	22	0-2
				1732.5	20175	21.04	22	0-2
				1745	20300	21.18	22	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	23.34	24	0
				1732.5	20175	23.19	24	0
				1747.5	20325	23.19	24	0
			36	1717.5	20025	23.38	24	0
				1732.5	20175	23.16	24	0
				1747.5	20325	23.22	24	0
			74	1717.5	20025	23.15	24	0
				1732.5	20175	23.07	24	0
				1747.5	20325	23.20	24	0
		36 RB	0	1717.5	20025	22.15	23	0-1
				1732.5	20175	22.18	23	0-1
				1747.5	20325	22.17	23	0-1
			18	1717.5	20025	22.17	23	0-1
				1732.5	20175	22.12	23	0-1
				1747.5	20325	22.12	23	0-1
			37	1717.5	20025	22.18	23	0-1
				1732.5	20175	22.10	23	0-1
				1747.5	20325	22.05	23	0-1
		75RB		1717.5	20025	22.12	23	0-1
				1732.5	20175	22.18	23	0-1
				1747.5	20325	22.13	23	0-1
	16-QAM	1 RB	0	1717.5	20025	22.80	23	0-1
				1732.5	20175	22.85	23	0-1
				1747.5	20325	22.17	23	0-1
			36	1717.5	20025	22.92	23	0-1
				1732.5	20175	22.42	23	0-1
				1747.5	20325	22.45	23	0-1
			74	1717.5	20025	22.31	23	0-1
				1732.5	20175	22.76	23	0-1
				1747.5	20325	22.42	23	0-1
		36 RB	0	1717.5	20025	21.22	22	0-2
				1732.5	20175	21.20	22	0-2
				1747.5	20325	21.20	22	0-2
			18	1717.5	20025	21.24	22	0-2
				1732.5	20175	21.15	22	0-2
				1747.5	20325	21.23	22	0-2
			37	1717.5	20025	21.19	22	0-2
				1732.5	20175	21.11	22	0-2
				1747.5	20325	21.22	22	0-2
		75RB		1717.5	20025	21.30	22	0-2
				1732.5	20175	21.19	22	0-2
				1747.5	20325	21.20	22	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	22.90	23	0-1
				1732.5	22.58	22.70	23	0-1
				1747.5	22.77	22.72	23	0-1
			36	1717.5	22.12	22.67	23	0-1
				1732.5	22.7	22.16	23	0-1
				1747.5	22.44	22.50	23	0-1
			74	1717.5	22.42	22.76	23	0-1
				1732.5	22.7	22.26	23	0-1
				1747.5	22.73	22.38	23	0-1
		36 RB	0	1717.5	21.22	21.18	22	0-2
				1732.5	21.38	21.12	22	0-2
				1747.5	21.52	21.14	22	0-2
			18	1717.5	21.24	21.13	22	0-2
				1732.5	21.34	21.12	22	0-2
				1747.5	21.41	21.05	22	0-2
			37	1717.5	21.25	21.02	22	0-2
				1732.5	21.29	21.11	22	0-2
				1747.5	21.46	20.99	22	0-2
		75RB		1717.5	21.22	21.26	22	0-2
				1732.5	21.35	21.10	22	0-2
				1747.5	21.43	21.04	22	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	23.33	24	0
				1732.5	20175	23.34	24	0
				1750	20350	23.26	24	0
			25	1715	20000	23.08	24	0
				1732.5	20175	23.00	24	0
				1750	20350	23.23	24	0
			49	1715	20000	23.21	24	0
				1732.5	20175	23.10	24	0
				1750	20350	23.42	24	0
		25 RB	0	1715	20000	22.08	23	0-1
				1732.5	20175	22.11	23	0-1
				1750	20350	22.17	23	0-1
			12	1715	20000	22.17	23	0-1
				1732.5	20175	22.09	23	0-1
				1750	20350	22.10	23	0-1
			25	1715	20000	22.17	23	0-1
				1732.5	20175	22.14	23	0-1
				1750	20350	22.09	23	0-1
		50RB		1715	20000	22.20	23	0-1
				1732.5	20175	22.09	23	0-1
				1750	20350	22.09	23	0-1
	16-QAM	1 RB	0	1715	20000	22.37	23	0-1
				1732.5	20175	22.30	23	0-1
				1750	20350	22.44	23	0-1
			25	1715	20000	22.90	23	0-1
				1732.5	20175	22.47	23	0-1
				1750	20350	22.35	23	0-1
			49	1715	20000	22.80	23	0-1
				1732.5	20175	22.55	23	0-1
				1750	20350	22.21	23	0-1
		25 RB	0	1715	20000	21.13	22	0-2
				1732.5	20175	21.15	22	0-2
				1750	20350	21.23	22	0-2
			12	1715	20000	21.29	22	0-2
				1732.5	20175	21.15	22	0-2
				1750	20350	21.19	22	0-2
			25	1715	20000	21.32	22	0-2
				1732.5	20175	21.24	22	0-2
				1750	20350	21.16	22	0-2
		50RB		1715	20000	21.22	22	0-2
				1732.5	20175	21.09	22	0-2
				1750	20350	21.16	22	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	22.72	23	0-1
				1732.5	20175	22.68	23	0-1
				1750	20350	22.84	23	0-1
			25	1715	20000	22.61	23	0-1
				1732.5	20175	22.17	23	0-1
				1750	20350	22.31	23	0-1
			49	1715	20000	22.81	23	0-1
				1732.5	20175	22.19	23	0-1
				1750	20350	22.43	23	0-1
		25 RB	0	1715	20000	21.19	22	0-2
				1732.5	20175	21.24	22	0-2
				1750	20350	21.24	22	0-2
			12	1715	20000	21.14	22	0-2
				1732.5	20175	21.04	22	0-2
				1750	20350	21.15	22	0-2
			25	1715	20000	21.13	22	0-2
				1732.5	20175	21.13	22	0-2
				1750	20350	21.04	22	0-2
		50RB		1715	20000	21.22	22	0-2
				1732.5	20175	21.20	22	0-2
				1750	20350	21.07	22	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	23.06	24	0
				1732.5	20175	23.01	24	0
				1752.5	20375	23.12	24	0
			12	1712.5	19975	23.13	24	0
				1732.5	20175	23.10	24	0
				1752.5	20375	22.98	24	0
			24	1712.5	19975	23.27	24	0
				1732.5	20175	23.13	24	0
				1752.5	20375	23.05	24	0
		12 RB	0	1712.5	19975	22.28	23	0-1
				1732.5	20175	22.24	23	0-1
				1752.5	20375	22.19	23	0-1
			6	1712.5	19975	22.16	23	0-1
				1732.5	20175	22.18	23	0-1
				1752.5	20375	22.19	23	0-1
			13	1712.5	19975	22.16	23	0-1
				1732.5	20175	22.19	23	0-1
				1752.5	20375	22.18	23	0-1
		25RB		1712.5	19975	22.16	23	0-1
				1732.5	20175	22.17	23	0-1
				1752.5	20375	22.13	23	0-1
	16-QAM	1 RB	0	1712.5	19975	22.66	23	0-1
				1732.5	20175	22.40	23	0-1
				1752.5	20375	22.41	23	0-1
			12	1712.5	19975	22.38	23	0-1
				1732.5	20175	22.09	23	0-1
				1752.5	20375	22.06	23	0-1
			24	1712.5	19975	22.62	23	0-1
				1732.5	20175	22.20	23	0-1
				1752.5	20375	22.50	23	0-1
		12 RB	0	1712.5	19975	21.26	22	0-2
				1732.5	20175	21.37	22	0-2
				1752.5	20375	21.34	22	0-2
			6	1712.5	19975	21.30	22	0-2
				1732.5	20175	21.46	22	0-2
				1752.5	20375	21.41	22	0-2
			13	1712.5	19975	21.34	22	0-2
				1732.5	20175	21.31	22	0-2
				1752.5	20375	21.33	22	0-2
		25RB		1712.5	19975	21.14	22	0-2
				1732.5	20175	21.27	22	0-2
				1752.5	20375	21.29	22	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	22.86	23	0-1
				1732.5	20175	22.65	23	0-1
				1752.5	20375	22.69	23	0-1
			12	1712.5	19975	22.59	23	0-1
				1732.5	20175	22.15	23	0-1
				1752.5	20375	22.49	23	0-1
			24	1712.5	19975	22.76	23	0-1
				1732.5	20175	22.22	23	0-1
				1752.5	20375	22.26	23	0-1
		12 RB	0	1712.5	19975	21.23	22	0-2
				1732.5	20175	21.21	22	0-2
				1752.5	20375	21.18	22	0-2
			6	1712.5	19975	21.19	22	0-2
				1732.5	20175	21.05	22	0-2
				1752.5	20375	21.08	22	0-2
			13	1712.5	19975	21.09	22	0-2
				1732.5	20175	21.07	22	0-2
				1752.5	20375	21.04	22	0-2
		25RB		1712.5	19975	21.27	22	0-2
				1732.5	20175	21.01	22	0-2
				1752.5	20375	21.19	22	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	23.06	24	0
				1732.5	20175	23.06	24	0
				1753.5	20385	23.10	24	0
			7	1711.5	19965	23.14	24	0
				1732.5	20175	23.08	24	0
				1753.5	20385	23.04	24	0
			14	1711.5	19965	22.89	24	0
				1732.5	20175	23.03	24	0
				1753.5	20385	23.07	24	0
		8 RB	0	1711.5	19965	22.11	23	0-1
				1732.5	20175	22.09	23	0-1
				1753.5	20385	22.10	23	0-1
			4	1711.5	19965	22.13	23	0-1
				1732.5	20175	22.13	23	0-1
				1753.5	20385	22.06	23	0-1
			7	1711.5	19965	22.06	23	0-1
				1732.5	20175	22.17	23	0-1
				1753.5	20385	22.08	23	0-1
		15RB		1711.5	19965	22.09	23	0-1
				1732.5	20175	22.13	23	0-1
				1753.5	20385	22.07	23	0-1
	16-QAM	1 RB	0	1711.5	19965	22.83	23	0-1
				1732.5	20175	21.93	23	0-1
				1753.5	20385	22.76	23	0-1
			7	1711.5	19965	22.46	23	0-1
				1732.5	20175	22.10	23	0-1
				1753.5	20385	22.62	23	0-1
			14	1711.5	19965	22.16	23	0-1
				1732.5	20175	22.41	23	0-1
				1753.5	20385	22.39	23	0-1
		8 RB	0	1711.5	19965	21.33	22	0-2
				1732.5	20175	21.18	22	0-2
				1753.5	20385	21.14	22	0-2
			4	1711.5	19965	21.15	22	0-2
				1732.5	20175	21.17	22	0-2
				1753.5	20385	21.14	22	0-2
			7	1711.5	19965	21.23	22	0-2
				1732.5	20175	21.19	22	0-2
				1753.5	20385	21.24	22	0-2
		15RB		1711.5	19965	21.12	22	0-2
				1732.5	20175	21.12	22	0-2
				1753.5	20385	21.01	22	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	22.77	23	0-1
				1732.5	20175	22.66	23	0-1
				1753.5	20385	22.71	23	0-1
			7	1711.5	19965	22.64	23	0-1
				1732.5	20175	22.28	23	0-1
				1753.5	20385	22.37	23	0-1
			14	1711.5	19965	22.80	23	0-1
				1732.5	20175	22.19	23	0-1
				1753.5	20385	22.27	23	0-1
		8 RB	0	1711.5	19965	21.25	22	0-2
				1732.5	20175	21.28	22	0-2
				1753.5	20385	21.09	22	0-2
			4	1711.5	19965	21.02	22	0-2
				1732.5	20175	21.21	22	0-2
				1753.5	20385	21.22	22	0-2
			7	1711.5	19965	21.17	22	0-2
				1732.5	20175	21.07	22	0-2
				1753.5	20385	21.01	22	0-2
		15RB		1711.5	19965	21.12	22	0-2
				1732.5	20175	21.03	22	0-2
				1753.5	20385	21.19	22	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	23.01	24	0
				1732.5	20175	23.12	24	0
				1754.3	20393	23.15	24	0
			2	1710.7	19957	23.04	24	0
				1732.5	20175	23.19	24	0
				1754.3	20393	22.99	24	0
			5	1710.7	19957	23.12	24	0
				1732.5	20175	23.13	24	0
				1754.3	20393	23.02	24	0
		3 RB	0	1710.7	19957	22.96	23	0
				1732.5	20175	22.93	23	0
				1754.3	20393	22.97	23	0
			2	1710.7	19957	22.91	23	0
				1732.5	20175	22.93	23	0
				1754.3	20393	22.90	23	0
			3	1710.7	19957	22.95	23	0
				1732.5	20175	22.99	23	0
				1754.3	20393	22.99	23	0
		6RB		1710.7	19957	22.14	23	0-1
				1732.5	20175	22.16	23	0-1
				1754.3	20393	22.08	23	0-1
	16-QAM	1 RB	0	1710.7	19957	22.19	23	0-1
				1732.5	20175	22.32	23	0-1
				1754.3	20393	22.52	23	0-1
			2	1710.7	19957	22.56	23	0-1
				1732.5	20175	22.34	23	0-1
				1754.3	20393	22.23	23	0-1
			5	1710.7	19957	22.32	23	0-1
				1732.5	20175	22.24	23	0-1
				1754.3	20393	22.68	23	0-1
		3 RB	0	1710.7	19957	21.98	22	0-1
				1732.5	20175	21.97	22	0-1
				1754.3	20393	21.93	22	0-1
			2	1710.7	19957	21.96	22	0-1
				1732.5	20175	21.92	22	0-1
				1754.3	20393	21.90	22	0-1
			3	1710.7	19957	21.92	22	0-1
				1732.5	20175	21.99	22	0-1
				1754.3	20393	21.99	22	0-1
		6RB		1710.7	19957	21.22	22	0-2
				1732.5	20175	21.29	22	0-2
				1754.3	20393	21.21	22	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	22.79	23	0-1
				1732.5	20175	22.76	23	0-1
				1754.3	20393	22.81	23	0-1
			2	1710.7	19957	22.61	23	0-1
				1732.5	20175	22.28	23	0-1
				1754.3	20393	22.35	23	0-1
			5	1710.7	19957	22.77	23	0-1
				1732.5	20175	22.16	23	0-1
				1754.3	20393	22.31	23	0-1
		3 RB	0	1710.7	19957	21.21	22	0-1
				1732.5	20175	21.23	22	0-1
				1754.3	20393	21.10	22	0-1
			2	1710.7	19957	21.03	22	0-1
				1732.5	20175	21.15	22	0-1
				1754.3	20393	21.11	22	0-1
			3	1710.7	19957	21.04	22	0-1
				1732.5	20175	21.13	22	0-1
				1754.3	20393	21.04	22	0-1
		6RB		1710.7	19957	21.17	22	0-2
				1732.5	20175	21.04	22	0-2
				1754.3	20393	21.14	22	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	23.15	25	0
				836.5	20525	23.26	25	0
				844	20600	23.45	25	0
			25	829	20450	23.39	25	0
				836.5	20525	23.11	25	0
				844	20600	23.05	25	0
			49	829	20450	23.03	25	0
				836.5	20525	23.32	25	0
				844	20600	23.39	25	0
		25 RB	0	829	20450	22.01	24	0-1
				836.5	20525	22.14	24	0-1
				844	20600	22.28	24	0-1
			12	829	20450	22.02	24	0-1
				836.5	20525	22.11	24	0-1
				844	20600	22.21	24	0-1
			25	829	20450	22.10	24	0-1
				836.5	20525	22.26	24	0-1
				844	20600	22.20	24	0-1
		50RB		829	20450	22.06	24	0-1
				836.5	20525	22.13	24	0-1
				844	20600	22.21	24	0-1
	16-QAM	1 RB	0	829	20450	22.52	24	0-1
				836.5	20525	22.66	24	0-1
				844	20600	22.57	24	0-1
			25	829	20450	22.20	24	0-1
				836.5	20525	22.19	24	0-1
				844	20600	22.82	24	0-1
			49	829	20450	22.39	24	0-1
				836.5	20525	22.53	24	0-1
				844	20600	22.36	24	0-1
		25 RB	0	829	20450	21.09	23	0-2
				836.5	20525	21.16	23	0-2
				844	20600	21.34	23	0-2
			12	829	20450	21.01	23	0-2
				836.5	20525	21.29	23	0-2
				844	20600	21.24	23	0-2
			25	829	20450	21.20	23	0-2
				836.5	20525	21.30	23	0-2
				844	20600	21.33	23	0-2
		50RB		829	20450	21.03	23	0-2
				836.5	20525	21.16	23	0-2
				844	20600	21.25	23	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	22.33	24	0-1
				836.5	20525	22.61	24	0-1
				844	20600	22.56	24	0-1
			25	829	20450	22.09	24	0-1
				836.5	20525	22.05	24	0-1
				844	20600	22.62	24	0-1
			49	829	20450	22.30	24	0-1
				836.5	20525	22.39	24	0-1
				844	20600	22.20	24	0-1
		25 RB	0	829	20450	21.07	23	0-2
				836.5	20525	21.09	23	0-2
				844	20600	21.15	23	0-2
			12	829	20450	21.04	23	0-2
				836.5	20525	21.17	23	0-2
				844	20600	21.21	23	0-2
			25	829	20450	21.17	23	0-2
				836.5	20525	21.14	23	0-2
				844	20600	21.30	23	0-2
		50RB		829	20450	21.06	23	0-2
				836.5	20525	21.07	23	0-2
				844	20600	21.23	23	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	23.06	25	0
				836.5	20525	23.13	25	0
				846.5	20625	23.05	25	0
			12	826.5	20425	23.09	25	0
				836.5	20525	23.04	25	0
				846.5	20625	23.31	25	0
			24	826.5	20425	23.05	25	0
				836.5	20525	23.33	25	0
				846.5	20625	23.13	25	0
		12 RB	0	826.5	20425	22.13	24	0-1
				836.5	20525	22.15	24	0-1
				846.5	20625	22.32	24	0-1
			6	826.5	20425	22.15	24	0-1
				836.5	20525	22.15	24	0-1
				846.5	20625	22.16	24	0-1
			13	826.5	20425	22.12	24	0-1
				836.5	20525	22.12	24	0-1
				846.5	20625	22.22	24	0-1
		25RB		826.5	20425	22.11	24	0-1
				836.5	20525	22.10	24	0-1
				846.5	20625	22.24	24	0-1
	16-QAM	1 RB	0	826.5	20425	22.30	24	0-1
				836.5	20525	22.34	24	0-1
				846.5	20625	22.75	24	0-1
			12	826.5	20425	22.31	24	0-1
				836.5	20525	22.12	24	0-1
				846.5	20625	22.52	24	0-1
			24	826.5	20425	22.17	24	0-1
				836.5	20525	22.44	24	0-1
				846.5	20625	22.39	24	0-1
		12 RB	0	826.5	20425	21.21	23	0-2
				836.5	20525	21.31	23	0-2
				846.5	20625	21.33	23	0-2
			6	826.5	20425	21.31	23	0-2
				836.5	20525	21.21	23	0-2
				846.5	20625	21.30	23	0-2
			13	826.5	20425	21.16	23	0-2
				836.5	20525	21.19	23	0-2
				846.5	20625	21.28	23	0-2
		25RB		826.5	20425	21.12	23	0-2
				836.5	20525	21.28	23	0-2
				846.5	20625	21.24	23	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	22.42	24	0-1
				836.5	20525	22.60	24	0-1
				846.5	20625	22.45	24	0-1
			12	826.5	20425	22.04	24	0-1
				836.5	20525	22.09	24	0-1
				846.5	20625	22.68	24	0-1
			24	826.5	20425	22.33	24	0-1
				836.5	20525	22.46	24	0-1
				846.5	20625	22.29	24	0-1
		12 RB	0	826.5	20425	21.03	23	0-2
				836.5	20525	21.00	23	0-2
				846.5	20625	21.33	23	0-2
			6	826.5	20425	21.05	23	0-2
				836.5	20525	21.10	23	0-2
				846.5	20625	21.08	23	0-2
			13	826.5	20425	21.16	23	0-2
				836.5	20525	21.14	23	0-2
				846.5	20625	21.28	23	0-2
		25RB		826.5	20425	21.03	23	0-2
				836.5	20525	21.09	23	0-2
				846.5	20625	21.12	23	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	23.05	25	0
				836.5	20525	23.18	25	0
				847.5	20635	23.15	25	0
			7	825.5	20415	23.05	25	0
				836.5	20525	23.11	25	0
				847.5	20635	23.15	25	0
			14	825.5	20415	23.03	25	0
				836.5	20525	23.04	25	0
				847.5	20635	23.17	25	0
		8 RB	0	825.5	20415	22.03	24	0-1
				836.5	20525	22.11	24	0-1
				847.5	20635	22.14	24	0-1
			4	825.5	20415	22.07	24	0-1
				836.5	20525	22.06	24	0-1
				847.5	20635	22.19	24	0-1
			7	825.5	20415	22.12	24	0-1
				836.5	20525	22.09	24	0-1
				847.5	20635	22.18	24	0-1
		15RB		825.5	20415	22.04	24	0-1
				836.5	20525	22.09	24	0-1
				847.5	20635	22.15	24	0-1
	16-QAM	1 RB	0	825.5	20415	22.46	24	0-1
				836.5	20525	22.32	24	0-1
				847.5	20635	22.39	24	0-1
			7	825.5	20415	22.17	24	0-1
				836.5	20525	22.24	24	0-1
				847.5	20635	22.26	24	0-1
			14	825.5	20415	22.50	24	0-1
				836.5	20525	22.12	24	0-1
				847.5	20635	22.13	24	0-1
		8 RB	0	825.5	20415	21.03	23	0-2
				836.5	20525	21.09	23	0-2
				847.5	20635	21.18	23	0-2
			4	825.5	20415	21.14	23	0-2
				836.5	20525	21.18	23	0-2
				847.5	20635	21.25	23	0-2
			7	825.5	20415	21.04	23	0-2
				836.5	20525	21.04	23	0-2
				847.5	20635	21.15	23	0-2
		15RB		825.5	20415	21.09	23	0-2
				836.5	20525	21.08	23	0-2
				847.5	20635	21.23	23	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	22.43	24	0-1
				836.5	20525	22.62	24	0-1
				847.5	20635	22.48	24	0-1
			7	825.5	20415	22.20	24	0-1
				836.5	20525	22.07	24	0-1
				847.5	20635	22.69	24	0-1
			14	825.5	20415	22.34	24	0-1
				836.5	20525	22.39	24	0-1
				847.5	20635	22.33	24	0-1
		8 RB	0	825.5	20415	21.06	23	0-2
				836.5	20525	21.08	23	0-2
				847.5	20635	21.26	23	0-2
			4	825.5	20415	21.08	23	0-2
				836.5	20525	21.10	23	0-2
				847.5	20635	21.19	23	0-2
			7	825.5	20415	21.15	23	0-2
				836.5	20525	21.14	23	0-2
				847.5	20635	21.15	23	0-2
		15RB		825.5	20415	21.03	23	0-2
				836.5	20525	21.13	23	0-2
				847.5	20635	21.16	23	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	23.05	25	0
				836.5	20525	23.08	25	0
				848.3	20643	23.25	25	0
			2	824.7	20407	23.00	25	0
				836.5	20525	23.12	25	0
				848.3	20643	23.05	25	0
			5	824.7	20407	23.10	25	0
				836.5	20525	23.07	25	0
				848.3	20643	23.17	25	0
		3 RB	0	824.7	20407	23.04	24	0
				836.5	20525	23.10	24	0
				848.3	20643	23.16	24	0
			2	824.7	20407	23.06	24	0
				836.5	20525	23.08	24	0
				848.3	20643	23.11	24	0
			3	824.7	20407	23.03	24	0
				836.5	20525	23.14	24	0
				848.3	20643	23.21	24	0
		6RB		824.7	20407	22.01	24	0-1
				836.5	20525	22.10	24	0-1
				848.3	20643	22.15	24	0-1
	16-QAM	1 RB	0	824.7	20407	22.04	24	0-1
				836.5	20525	22.43	24	0-1
				848.3	20643	22.52	24	0-1
			2	824.7	20407	22.14	24	0-1
				836.5	20525	22.13	24	0-1
				848.3	20643	22.02	24	0-1
			5	824.7	20407	22.42	24	0-1
				836.5	20525	22.12	24	0-1
				848.3	20643	22.74	24	0-1
		3 RB	0	824.7	20407	22.09	23	0-1
				836.5	20525	22.27	23	0-1
				848.3	20643	22.21	23	0-1
			2	824.7	20407	21.97	23	0-1
				836.5	20525	22.04	23	0-1
				848.3	20643	22.11	23	0-1
			3	824.7	20407	21.96	23	0-1
				836.5	20525	22.15	23	0-1
				848.3	20643	22.09	23	0-1
		6RB		824.7	20407	21.04	23	0-2
				836.5	20525	21.19	23	0-2
				848.3	20643	21.07	23	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	22.51	24	0-1
				836.5	20525	22.63	24	0-1
				848.3	20643	22.50	24	0-1
			2	824.7	20407	22.19	24	0-1
				836.5	20525	22.14	24	0-1
				848.3	20643	22.69	24	0-1
			5	824.7	20407	22.37	24	0-1
				836.5	20525	22.44	24	0-1
				848.3	20643	22.32	24	0-1
		3 RB	0	824.7	20407	21.08	23	0-1
				836.5	20525	21.05	23	0-1
				848.3	20643	21.18	23	0-1
			2	824.7	20407	21.09	23	0-1
				836.5	20525	21.19	23	0-1
				848.3	20643	21.11	23	0-1
			3	824.7	20407	21.14	23	0-1
				836.5	20525	21.24	23	0-1
				848.3	20643	21.14	23	0-1
		6RB		824.7	20407	21.02	23	0-2
				836.5	20525	21.15	23	0-2
				848.3	20643	21.06	23	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	23.63	24	0
				2535	21100	23.32	24	0
				2560	21350	23.22	24	0
			50	2510	20850	23.43	24	0
				2535	21100	23.22	24	0
				2560	21350	22.89	24	0
			99	2510	20850	23.17	24	0
				2535	21100	23.34	24	0
				2560	21350	22.88	24	0
		50 RB	0	2510	20850	22.57	23	0-1
				2535	21100	22.27	23	0-1
				2560	21350	21.99	23	0-1
			25	2510	20850	22.55	23	0-1
				2535	21100	22.21	23	0-1
				2560	21350	22.00	23	0-1
			50	2510	20850	22.54	23	0-1
				2535	21100	22.23	23	0-1
				2560	21350	21.93	23	0-1
		100RB		2510	20850	22.60	23	0-1
				2535	21100	22.22	23	0-1
				2560	21350	22.06	23	0-1
	16-QAM	1 RB	0	2510	20850	22.45	23	0-1
				2535	21100	22.34	23	0-1
				2560	21350	22.65	23	0-1
			50	2510	20850	22.67	23	0-1
				2535	21100	22.38	23	0-1
				2560	21350	22.35	23	0-1
			99	2510	20850	22.39	23	0-1
				2535	21100	22.67	23	0-1
				2560	21350	22.22	23	0-1
		50 RB	0	2510	20850	21.58	22	0-2
				2535	21100	21.27	22	0-2
				2560	21350	21.02	22	0-2
			25	2510	20850	21.47	22	0-2
				2535	21100	21.22	22	0-2
				2560	21350	21.02	22	0-2
			50	2510	20850	21.51	22	0-2
				2535	21100	21.27	22	0-2
				2560	21350	20.99	22	0-2
		100RB		2510	20850	21.55	22	0-2
				2535	21100	21.29	22	0-2
				2560	21350	21.04	22	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	22.44	23	0-1
				2535	21100	22.29	23	0-1
				2560	21350	22.46	23	0-1
			50	2510	20850	22.57	23	0-1
				2535	21100	22.23	23	0-1
				2560	21350	22.23	23	0-1
			99	2510	20850	22.22	23	0-1
				2535	21100	22.51	23	0-1
				2560	21350	22.03	23	0-1
		50 RB	0	2510	20850	21.42	22	0-2
				2535	21100	21.11	22	0-2
				2560	21350	20.87	22	0-2
			25	2510	20850	21.47	22	0-2
				2535	21100	21.11	22	0-2
				2560	21350	20.88	22	0-2
			50	2510	20850	21.36	22	0-2
				2535	21100	21.11	22	0-2
				2560	21350	20.95	22	0-2
		100RB		2510	20850	21.48	22	0-2
				2535	21100	21.15	22	0-2
				2560	21350	20.93	22	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	23.44	24	0
				2535	21100	23.21	24	0
				2562.5	21375	23.00	24	0
			36	2507.5	20825	23.56	24	0
				2535	21100	23.20	24	0
				2562.5	21375	22.93	24	0
			74	2507.5	20825	23.45	24	0
				2535	21100	23.32	24	0
				2562.5	21375	23.03	24	0
		36 RB	0	2507.5	20825	22.61	23	0-1
				2535	21100	22.29	23	0-1
				2562.5	21375	22.01	23	0-1
			18	2507.5	20825	22.63	23	0-1
				2535	21100	22.25	23	0-1
				2562.5	21375	22.02	23	0-1
			37	2507.5	20825	22.61	23	0-1
				2535	21100	22.22	23	0-1
				2562.5	21375	21.96	23	0-1
		75RB		2507.5	20825	22.64	23	0-1
				2535	21100	22.29	23	0-1
				2562.5	21375	22.06	23	0-1
	16-QAM	1 RB	0	2507.5	20825	22.96	23	0-1
				2535	21100	22.27	23	0-1
				2562.5	21375	22.43	23	0-1
			36	2507.5	20825	22.82	23	0-1
				2535	21100	22.30	23	0-1
				2562.5	21375	22.06	23	0-1
			74	2507.5	20825	22.58	23	0-1
				2535	21100	22.45	23	0-1
				2562.5	21375	22.01	23	0-1
		36 RB	0	2507.5	20825	21.60	22	0-2
				2535	21100	21.30	22	0-2
				2562.5	21375	21.07	22	0-2
			18	2507.5	20825	21.63	22	0-2
				2535	21100	21.18	22	0-2
				2562.5	21375	21.05	22	0-2
			37	2507.5	20825	21.42	22	0-2
				2535	21100	21.36	22	0-2
				2562.5	21375	20.94	22	0-2
		75RB		2507.5	20825	21.65	22	0-2
				2535	21100	21.27	22	0-2
				2562.5	21375	21.06	22	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	22.42	23	0-1
				2535	21100	22.26	23	0-1
				2562.5	21375	22.61	23	0-1
			36	2507.5	20825	22.52	23	0-1
				2535	21100	22.28	23	0-1
				2562.5	21375	22.17	23	0-1
			74	2507.5	20825	22.20	23	0-1
				2535	21100	22.48	23	0-1
				2562.5	21375	22.17	23	0-1
		36 RB	0	2507.5	20825	21.45	22	0-2
				2535	21100	21.13	22	0-2
				2562.5	21375	21.02	22	0-2
			18	2507.5	20825	21.38	22	0-2
				2535	21100	21.17	22	0-2
				2562.5	21375	20.92	22	0-2
			37	2507.5	20825	21.32	22	0-2
				2535	21100	21.15	22	0-2
				2562.5	21375	20.83	22	0-2
		75RB		2507.5	20825	21.39	22	0-2
				2535	21100	21.20	22	0-2
				2562.5	21375	20.86	22	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	23.59	24	0
				2535	21100	23.34	24	0
				2565	21400	22.97	24	0
			25	2505	20800	23.62	24	0
				2535	21100	23.14	24	0
				2565	21400	22.91	24	0
			49	2505	20800	23.56	24	0
				2535	21100	23.31	24	0
				2565	21400	23.00	24	0
		25 RB	0	2505	20800	22.64	23	0-1
				2535	21100	22.23	23	0-1
				2565	21400	22.01	23	0-1
			12	2505	20800	22.61	23	0-1
				2535	21100	22.26	23	0-1
				2565	21400	21.93	23	0-1
			25	2505	20800	22.64	23	0-1
				2535	21100	22.28	23	0-1
				2565	21400	21.95	23	0-1
		50RB		2505	20800	22.65	23	0-1
				2535	21100	22.26	23	0-1
				2565	21400	21.97	23	0-1
	16-QAM	1 RB	0	2505	20800	22.88	23	0-1
				2535	21100	22.71	23	0-1
				2565	21400	22.23	23	0-1
			25	2505	20800	22.55	23	0-1
				2535	21100	22.73	23	0-1
				2565	21400	22.04	23	0-1
			49	2505	20800	22.68	23	0-1
				2535	21100	22.73	23	0-1
				2565	21400	22.09	23	0-1
		25 RB	0	2505	20800	21.63	22	0-2
				2535	21100	21.31	22	0-2
				2565	21400	20.97	22	0-2
			12	2505	20800	21.59	22	0-2
				2535	21100	21.31	22	0-2
				2565	21400	20.92	22	0-2
			25	2505	20800	21.66	22	0-2
				2535	21100	21.35	22	0-2
				2565	21400	21.00	22	0-2
		50RB		2505	20800	21.59	22	0-2
				2535	21100	21.32	22	0-2
				2565	21400	21.00	22	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	64-QAM	1 RB	0	2505	20800	22.32	23	0-1
				2535	21100	22.28	23	0-1
				2565	21400	22.57	23	0-1
			25	2505	20800	22.55	23	0-1
				2535	21100	22.37	23	0-1
				2565	21400	22.28	23	0-1
			49	2505	20800	22.22	23	0-1
				2535	21100	22.54	23	0-1
				2565	21400	22.02	23	0-1
		25 RB	0	2505	20800	21.52	22	0-2
				2535	21100	21.07	22	0-2
				2565	21400	20.92	22	0-2
			12	2505	20800	21.43	22	0-2
				2535	21100	21.17	22	0-2
				2565	21400	20.90	22	0-2
			25	2505	20800	21.50	22	0-2
				2535	21100	21.16	22	0-2
				2565	21400	20.95	22	0-2
		50RB		2505	20800	21.52	22	0-2
				2535	21100	21.09	22	0-2
				2565	21400	20.90	22	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	23.35	24	0
				2535	21100	22.95	24	0
				2567.5	21425	22.71	24	0
			12	2502.5	20775	23.35	24	0
				2535	21100	23.02	24	0
				2567.5	21425	22.66	24	0
			24	2502.5	20775	23.31	24	0
				2535	21100	23.10	24	0
				2567.5	21425	22.74	24	0
		12 RB	0	2502.5	20775	22.26	23	0-1
				2535	21100	21.90	23	0-1
				2567.5	21425	21.65	23	0-1
			6	2502.5	20775	22.27	23	0-1
				2535	21100	21.88	23	0-1
				2567.5	21425	21.68	23	0-1
			13	2502.5	20775	22.32	23	0-1
				2535	21100	21.91	23	0-1
				2567.5	21425	21.59	23	0-1
		25RB		2502.5	20775	22.28	23	0-1
				2535	21100	21.94	23	0-1
				2567.5	21425	21.69	23	0-1
	16-QAM	1 RB	0	2502.5	20775	22.57	23	0-1
				2535	21100	22.01	23	0-1
				2567.5	21425	21.70	23	0-1
			12	2502.5	20775	22.38	23	0-1
				2535	21100	22.28	23	0-1
				2567.5	21425	22.01	23	0-1
			24	2502.5	20775	22.98	23	0-1
				2535	21100	22.67	23	0-1
				2567.5	21425	21.87	23	0-1
		12 RB	0	2502.5	20775	21.21	22	0-2
				2535	21100	20.98	22	0-2
				2567.5	21425	20.68	22	0-2
			6	2502.5	20775	21.33	22	0-2
				2535	21100	20.93	22	0-2
				2567.5	21425	20.72	22	0-2
			13	2502.5	20775	21.17	22	0-2
				2535	21100	20.91	22	0-2
				2567.5	21425	20.54	22	0-2
		25RB		2502.5	20775	21.25	22	0-2
				2535	21100	20.88	22	0-2
				2567.5	21425	20.73	22	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	22.44	23	0-1
				2535	21100	22.27	23	0-1
				2567.5	21425	22.65	23	0-1
			12	2502.5	20775	22.49	23	0-1
				2535	21100	22.34	23	0-1
				2567.5	21425	22.22	23	0-1
			24	2502.5	20775	22.28	23	0-1
				2535	21100	22.53	23	0-1
				2567.5	21425	22.14	23	0-1
		12 RB	0	2502.5	20775	21.43	22	0-2
				2535	21100	21.12	22	0-2
				2567.5	21425	20.99	22	0-2
			6	2502.5	20775	21.30	22	0-2
				2535	21100	21.12	22	0-2
				2567.5	21425	20.95	22	0-2
			13	2502.5	20775	21.44	22	0-2
				2535	21100	21.20	22	0-2
				2567.5	21425	20.90	22	0-2
		25RB		2502.5	20775	21.54	22	0-2
				2535	21100	21.25	22	0-2
				2567.5	21425	20.98	22	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	23.05	24	0
				707.5	23095	23.20	24	0
				711	23130	23.23	24	0
			25	704	23060	23.26	24	0
				707.5	23095	23.20	24	0
				711	23130	23.19	24	0
			49	704	23060	23.46	24	0
				707.5	23095	23.37	24	0
				711	23130	23.63	24	0
		25 RB	0	704	23060	21.71	23	0-1
				707.5	23095	21.93	23	0-1
				711	23130	21.94	23	0-1
			12	704	23060	21.86	23	0-1
				707.5	23095	21.88	23	0-1
				711	23130	21.97	23	0-1
			25	704	23060	21.92	23	0-1
				707.5	23095	21.99	23	0-1
				711	23130	22.19	23	0-1
		50RB		704	23060	21.89	23	0-1
				707.5	23095	21.86	23	0-1
				711	23130	22.03	23	0-1
	16-QAM	1 RB	0	704	23060	22.01	23	0-1
				707.5	23095	22.26	23	0-1
				711	23130	22.47	23	0-1
			25	704	23060	22.41	23	0-1
				707.5	23095	22.18	23	0-1
				711	23130	22.20	23	0-1
			49	704	23060	22.28	23	0-1
				707.5	23095	22.36	23	0-1
				711	23130	22.74	23	0-1
		25 RB	0	704	23060	20.91	22	0-2
				707.5	23095	20.96	22	0-2
				711	23130	21.03	22	0-2
			12	704	23060	20.96	22	0-2
				707.5	23095	20.91	22	0-2
				711	23130	21.09	22	0-2
			25	704	23060	21.05	22	0-2
				707.5	23095	21.13	22	0-2
				711	23130	21.28	22	0-2
		50RB		704	23060	20.88	22	0-2
				707.5	23095	20.85	22	0-2
				711	23130	21.10	22	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	22.12	23	0-1
				707.5	23095	22.41	23	0-1
				711	23130	22.65	23	0-1
			25	704	23060	22.44	23	0-1
				707.5	23095	22.20	23	0-1
				711	23130	22.21	23	0-1
			49	704	23060	22.33	23	0-1
				707.5	23095	22.38	23	0-1
				711	23130	22.79	23	0-1
		25 RB	0	704	23060	21.00	22	0-2
				707.5	23095	21.14	22	0-2
				711	23130	21.07	22	0-2
			12	704	23060	21.03	22	0-2
				707.5	23095	21.08	22	0-2
				711	23130	21.14	22	0-2
			25	704	23060	21.09	22	0-2
				707.5	23095	21.30	22	0-2
				711	23130	21.30	22	0-2
		50RB		704	23060	20.97	22	0-2
				707.5	23095	21.04	22	0-2
				711	23130	21.15	22	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	22.51	24	0
				707.5	23095	22.97	24	0
				713.5	23155	22.83	24	0
			12	701.5	23035	22.67	24	0
				707.5	23095	22.81	24	0
				713.5	23155	23.27	24	0
			24	701.5	23035	22.81	24	0
				707.5	23095	22.96	24	0
				713.5	23155	23.62	24	0
		12 RB	0	701.5	23035	21.74	23	0-1
				707.5	23095	21.99	23	0-1
				713.5	23155	22.08	23	0-1
			6	701.5	23035	21.84	23	0-1
				707.5	23095	22.08	23	0-1
				713.5	23155	22.27	23	0-1
			13	701.5	23035	21.93	23	0-1
				707.5	23095	21.98	23	0-1
				713.5	23155	22.33	23	0-1
		25RB		701.5	23035	21.79	23	0-1
				707.5	23095	21.96	23	0-1
				713.5	23155	22.17	23	0-1
	16-QAM	1 RB	0	701.5	23035	22.01	23	0-1
				707.5	23095	22.36	23	0-1
				713.5	23155	22.14	23	0-1
			12	701.5	23035	21.77	23	0-1
				707.5	23095	22.07	23	0-1
				713.5	23155	22.03	23	0-1
			24	701.5	23035	22.14	23	0-1
				707.5	23095	21.90	23	0-1
				713.5	23155	22.34	23	0-1
		12 RB	0	701.5	23035	20.79	22	0-2
				707.5	23095	20.99	22	0-2
				713.5	23155	21.19	22	0-2
			6	701.5	23035	20.83	22	0-2
				707.5	23095	21.09	22	0-2
				713.5	23155	21.23	22	0-2
			13	701.5	23035	20.80	22	0-2
				707.5	23095	21.12	22	0-2
				713.5	23155	21.29	22	0-2
		25RB		701.5	23035	20.86	22	0-2
				707.5	23095	21.11	22	0-2
				713.5	23155	21.19	22	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	22.05	23	0-1
				707.5	23095	22.42	23	0-1
				713.5	23155	22.51	23	0-1
			12	701.5	23035	22.57	23	0-1
				707.5	23095	22.32	23	0-1
				713.5	23155	22.36	23	0-1
			24	701.5	23035	22.33	23	0-1
				707.5	23095	22.51	23	0-1
				713.5	23155	22.74	23	0-1
		12 RB	0	701.5	23035	21.04	22	0-2
				707.5	23095	21.12	22	0-2
				713.5	23155	21.06	22	0-2
			6	701.5	23035	20.97	22	0-2
				707.5	23095	21.01	22	0-2
				713.5	23155	21.24	22	0-2
			13	701.5	23035	21.13	22	0-2
				707.5	23095	21.30	22	0-2
				713.5	23155	21.44	22	0-2
		25RB		701.5	23035	21.03	22	0-2
				707.5	23095	20.95	22	0-2
				713.5	23155	21.19	22	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	22.59	24	0
				707.5	23095	22.81	24	0
				714.5	23165	23.15	24	0
			7	700.5	23025	22.62	24	0
				707.5	23095	22.80	24	0
				714.5	23165	22.99	24	0
			14	700.5	23025	22.61	24	0
				707.5	23095	22.82	24	0
				714.5	23165	23.16	24	0
		8 RB	0	700.5	23025	21.60	23	0-1
				707.5	23095	21.87	23	0-1
				714.5	23165	22.12	23	0-1
			4	700.5	23025	21.60	23	0-1
				707.5	23095	21.86	23	0-1
				714.5	23165	22.20	23	0-1
			7	700.5	23025	21.71	23	0-1
				707.5	23095	21.91	23	0-1
				714.5	23165	22.20	23	0-1
		15RB		700.5	23025	21.60	23	0-1
				707.5	23095	21.85	23	0-1
				714.5	23165	22.13	23	0-1
	16-QAM	1 RB	0	700.5	23025	21.48	23	0-1
				707.5	23095	22.16	23	0-1
				714.5	23165	22.18	23	0-1
			7	700.5	23025	21.77	23	0-1
				707.5	23095	22.24	23	0-1
				714.5	23165	21.81	23	0-1
			14	700.5	23025	21.60	23	0-1
				707.5	23095	22.22	23	0-1
				714.5	23165	22.34	23	0-1
		8 RB	0	700.5	23025	20.66	22	0-2
				707.5	23095	20.96	22	0-2
				714.5	23165	21.15	22	0-2
			4	700.5	23025	20.67	22	0-2
				707.5	23095	21.00	22	0-2
				714.5	23165	21.03	22	0-2
			7	700.5	23025	20.67	22	0-2
				707.5	23095	20.98	22	0-2
				714.5	23165	21.16	22	0-2
		15RB		700.5	23025	20.73	22	0-2
				707.5	23095	20.89	22	0-2
				714.5	23165	21.15	22	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	22.04	23	0-1
				707.5	23095	22.44	23	0-1
				714.5	23165	22.66	23	0-1
			7	700.5	23025	22.60	23	0-1
				707.5	23095	22.35	23	0-1
				714.5	23165	22.34	23	0-1
			14	700.5	23025	22.39	23	0-1
				707.5	23095	22.53	23	0-1
				714.5	23165	22.84	23	0-1
		8 RB	0	700.5	23025	21.03	22	0-2
				707.5	23095	21.05	22	0-2
				714.5	23165	21.22	22	0-2
			4	700.5	23025	21.13	22	0-2
				707.5	23095	21.04	22	0-2
				714.5	23165	21.10	22	0-2
			7	700.5	23025	21.17	22	0-2
				707.5	23095	21.32	22	0-2
				714.5	23165	21.42	22	0-2
		15RB		700.5	23025	21.02	22	0-2
				707.5	23095	20.97	22	0-2
				714.5	23165	21.14	22	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	22.69	24	0
				707.5	23095	22.79	24	0
				715.3	23173	23.19	24	0
			2	699.7	23017	22.67	24	0
				707.5	23095	22.78	24	0
				715.3	23173	23.14	24	0
			5	699.7	23017	22.56	24	0
				707.5	23095	22.88	24	0
				715.3	23173	23.18	24	0
		3 RB	0	699.7	23017	22.54	23	0
				707.5	23095	22.81	23	0
				715.3	23173	22.97	23	0
			2	699.7	23017	22.62	23	0
				707.5	23095	22.77	23	0
				715.3	23173	22.95	23	0
			3	699.7	23017	22.67	23	0
				707.5	23095	22.78	23	0
				715.3	23173	22.98	23	0
		6RB		699.7	23017	21.65	23	0-1
				707.5	23095	21.81	23	0-1
				715.3	23173	22.29	23	0-1
	16-QAM	1 RB	0	699.7	23017	21.69	23	0-1
				707.5	23095	21.55	23	0-1
				715.3	23173	22.30	23	0-1
			2	699.7	23017	21.48	23	0-1
				707.5	23095	22.15	23	0-1
				715.3	23173	22.39	23	0-1
			5	699.7	23017	22.00	23	0-1
				707.5	23095	22.10	23	0-1
				715.3	23173	22.90	23	0-1
		3 RB	0	699.7	23017	21.81	22	0-1
				707.5	23095	21.88	22	0-1
				715.3	23173	21.90	22	0-1
			2	699.7	23017	21.78	22	0-1
				707.5	23095	21.89	22	0-1
				715.3	23173	21.96	22	0-1
			3	699.7	23017	21.72	22	0-1
				707.5	23095	21.90	22	0-1
				715.3	23173	21.97	22	0-1
		6RB		699.7	23017	20.54	22	0-2
				707.5	23095	20.85	22	0-2
				715.3	23173	21.18	22	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	64-QAM	1 RB	0	699.7	23017	22.04	23	0-1
				707.5	23095	22.41	23	0-1
				715.3	23173	22.58	23	0-1
			2	699.7	23017	22.46	23	0-1
				707.5	23095	22.36	23	0-1
				715.3	23173	22.31	23	0-1
			5	699.7	23017	22.46	23	0-1
				707.5	23095	22.37	23	0-1
				715.3	23173	22.89	23	0-1
		3 RB	0	699.7	23017	21.01	22	0-1
				707.5	23095	21.13	22	0-1
				715.3	23173	21.19	22	0-1
			2	699.7	23017	21.06	22	0-1
				707.5	23095	20.96	22	0-1
				715.3	23173	21.18	22	0-1
			3	699.7	23017	21.14	22	0-1
				707.5	23095	21.24	22	0-1
				715.3	23173	21.37	22	0-1
		6RB		699.7	23017	21.04	22	0-2
				707.5	23095	21.00	22	0-2
				715.3	23173	21.13	22	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	23.22	24	0
			25	782	23230	23.27	24	0
			49	782	23230	23.39	24	0
		25 RB	0	782	23230	22.47	23	0-1
			12	782	23230	22.42	23	0-1
			25	782	23230	22.63	23	0-1
		50RB		782	23230	22.55	23	0-1
	16-QAM	1 RB	0	782	23230	22.59	23	0-1
			25	782	23230	22.61	23	0-1
			49	782	23230	22.38	23	0-1
		25 RB	0	782	23230	21.52	22	0-2
			12	782	23230	21.56	22	0-2
			25	782	23230	21.66	22	0-2
		50RB		782	23230	21.47	22	0-2
	64-QAM	1 RB	0	782	23230	22.44	23	0-1
			25	782	23230	22.56	23	0-1
			49	782	23230	22.33	23	0-1
		25 RB	0	782	23230	21.51	22	0-2
			12	782	23230	21.48	22	0-2
			25	782	23230	21.55	22	0-2
		50RB		782	23230	21.37	22	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	23.06	24	0
				782	23230	23.13	24	0
				784.5	23255	23.05	24	0
			12	779.5	23205	22.89	24	0
				782	23230	22.94	24	0
				784.5	23255	23.31	24	0
			24	779.5	23205	23.05	24	0
				782	23230	23.33	24	0
				784.5	23255	23.13	24	0
		12 RB	0	779.5	23205	22.13	23	0-1
				782	23230	22.15	23	0-1
				784.5	23255	22.32	23	0-1
			6	779.5	23205	22.15	23	0-1
				782	23230	22.15	23	0-1
				784.5	23255	22.16	23	0-1
			13	779.5	23205	22.12	23	0-1
				782	23230	22.12	23	0-1
				784.5	23255	22.22	23	0-1
		25RB		779.5	23205	22.11	23	0-1
				782	23230	22.10	23	0-1
				784.5	23255	22.24	23	0-1
	16-QAM	1 RB	0	779.5	23205	22.30	23	0-1
				782	23230	22.34	23	0-1
				784.5	23255	22.75	23	0-1
			12	779.5	23205	22.31	23	0-1
				782	23230	22.12	23	0-1
				784.5	23255	22.52	23	0-1
			24	779.5	23205	22.17	23	0-1
				782	23230	22.44	23	0-1
				784.5	23255	22.39	23	0-1
		12 RB	0	779.5	23205	21.21	22	0-2
				782	23230	21.31	22	0-2
				784.5	23255	21.33	22	0-2
			6	779.5	23205	21.31	22	0-2
				782	23230	21.21	22	0-2
				784.5	23255	21.30	22	0-2
			13	779.5	23205	21.16	22	0-2
				782	23230	21.19	22	0-2
				784.5	23255	21.28	22	0-2
		25RB		779.5	23205	21.12	22	0-2
				782	23230	21.28	22	0-2
				784.5	23255	21.24	22	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	22.12	23	0-1
				782	23230	22.32	23	0-1
				784.5	23255	22.73	23	0-1
			12	779.5	23205	22.30	23	0-1
				782	23230	22.09	23	0-1
				784.5	23255	22.47	23	0-1
			24	779.5	23205	22.05	23	0-1
				782	23230	22.43	23	0-1
				784.5	23255	22.30	23	0-1
		12 RB	0	779.5	23205	21.15	22	0-2
				782	23230	21.26	22	0-2
				784.5	23255	21.31	22	0-2
			6	779.5	23205	21.23	22	0-2
				782	23230	21.18	22	0-2
				784.5	23255	21.17	22	0-2
			13	779.5	23205	21.14	22	0-2
				782	23230	21.04	22	0-2
				784.5	23255	21.17	22	0-2
		25RB		779.5	23205	21.00	22	0-2
				782	23230	21.15	22	0-2
				784.5	23255	21.14	22	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	23.72	24	0
			25	793	23330	23.70	24	0
			49	793	23330	23.51	24	0
		25 RB	0	793	23330	22.69	23	0-1
			12	793	23330	22.77	23	0-1
			25	793	23330	22.53	23	0-1
		50RB		793	23330	22.68	23	0-1
	16-QAM	1 RB	0	793	23330	22.89	23	0-1
			25	793	23330	22.48	23	0-1
			49	793	23330	22.35	23	0-1
		25 RB	0	793	23330	21.71	22	0-2
			12	793	23330	21.67	22	0-2
			25	793	23330	21.63	22	0-2
		50RB		793	23330	21.61	22	0-2
	64-QAM	1 RB	0	793	23330	22.73	23	0-1
			25	793	23330	22.36	23	0-1
			49	793	23330	22.21	23	0-1
		25 RB	0	793	23330	21.69	22	0-2
			12	793	23330	21.59	22	0-2
			25	793	23330	21.50	22	0-2
		50RB		793	23330	21.51	22	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	23.49	24	0
				793	23330	23.40	24	0
				795.5	23355	23.53	24	0
			12	790.5	23305	23.44	24	0
				793	23330	23.68	24	0
				795.5	23355	23.27	24	0
			24	790.5	23305	23.49	24	0
				793	23330	23.40	24	0
				795.5	23355	23.33	24	0
		12 RB	0	790.5	23305	22.59	23	0-1
				793	23330	22.45	23	0-1
				795.5	23355	22.42	23	0-1
			6	790.5	23305	22.58	23	0-1
				793	23330	22.54	23	0-1
				795.5	23355	22.43	23	0-1
			13	790.5	23305	22.49	23	0-1
				793	23330	22.37	23	0-1
				795.5	23355	22.41	23	0-1
		25RB		790.5	23305	22.50	23	0-1
				793	23330	22.56	23	0-1
				795.5	23355	22.45	23	0-1
	16-QAM	1 RB	0	790.5	23305	22.92	23	0-1
				793	23330	22.89	23	0-1
				795.5	23355	22.63	23	0-1
			12	790.5	23305	22.47	23	0-1
				793	23330	22.80	23	0-1
				795.5	23355	22.54	23	0-1
			24	790.5	23305	22.71	23	0-1
				793	23330	22.17	23	0-1
				795.5	23355	22.65	23	0-1
		12 RB	0	790.5	23305	21.71	22	0-2
				793	23330	21.34	22	0-2
				795.5	23355	21.28	22	0-2
			6	790.5	23305	21.37	22	0-2
				793	23330	21.56	22	0-2
				795.5	23355	21.32	22	0-2
			13	790.5	23305	21.43	22	0-2
				793	23330	21.26	22	0-2
				795.5	23355	21.31	22	0-2
		25RB		790.5	23305	21.45	22	0-2
				793	23330	21.49	22	0-2
				795.5	23355	21.31	22	0-2

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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	790.5	23305	22.92	23	0-1
				793	23330	22.73	23	0-1
				795.5	23355	22.57	23	0-1
			12	790.5	23305	22.40	23	0-1
				793	23330	22.71	23	0-1
				795.5	23355	22.38	23	0-1
			24	790.5	23305	22.66	23	0-1
				793	23330	21.98	23	0-1
				795.5	23355	22.50	23	0-1
		12 RB	0	790.5	23305	21.62	22	0-2
				793	23330	21.27	22	0-2
				795.5	23355	21.19	22	0-2
			6	790.5	23305	21.18	22	0-2
				793	23330	21.49	22	0-2
				795.5	23355	21.31	22	0-2
			13	790.5	23305	21.26	22	0-2
				793	23330	21.17	22	0-2
				795.5	23355	21.17	22	0-2
		25RB		790.5	23305	21.33	22	0-2
				793	23330	21.30	22	0-2
				795.5	23355	21.14	22	0-2

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FDD Band 17								
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	709	23780	22.87	24	0
				710	23790	22.65	24	0
				711	23800	22.81	24	0
			25	709	23780	23.05	24	0
				710	23790	22.96	24	0
				711	23800	23.00	24	0
			49	709	23780	23.30	24	0
				710	23790	23.37	24	0
				711	23800	23.45	24	0
		25 RB	0	709	23780	21.90	23	0-1
				710	23790	21.82	23	0-1
				711	23800	21.95	23	0-1
			12	709	23780	21.90	23	0-1
				710	23790	21.89	23	0-1
				711	23800	22.03	23	0-1
			25	709	23780	22.08	23	0-1
				710	23790	22.23	23	0-1
				711	23800	22.23	23	0-1
		50RB		709	23780	21.95	23	0-1
				710	23790	22.05	23	0-1
				711	23800	22.08	23	0-1
	16-QAM	1 RB	0	709	23780	22.09	23	0-1
				710	23790	22.12	23	0-1
				711	23800	22.23	23	0-1
			25	709	23780	22.12	23	0-1
				710	23790	22.08	23	0-1
				711	23800	22.45	23	0-1
			49	709	23780	22.30	23	0-1
				710	23790	22.44	23	0-1
				711	23800	22.61	23	0-1
		25 RB	0	709	23780	21.06	22	0-2
				710	23790	20.97	22	0-2
				711	23800	20.94	22	0-2
			12	709	23780	21.11	22	0-2
				710	23790	20.95	22	0-2
				711	23800	21.10	22	0-2
			25	709	23780	21.20	22	0-2
				710	23790	21.26	22	0-2
				711	23800	21.40	22	0-2
		50RB		709	23780	20.94	22	0-2
				710	23790	20.93	22	0-2
				711	23800	21.01	22	0-2

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FDD Band 17								
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	709	23780	22.05	23	0-1
				710	23790	22.11	23	0-1
				711	23800	22.05	23	0-1
			25	709	23780	22.04	23	0-1
				710	23790	21.96	23	0-1
				711	23800	22.37	23	0-1
			49	709	23780	22.17	23	0-1
				710	23790	22.27	23	0-1
				711	23800	22.55	23	0-1
		25 RB	0	709	23780	20.86	22	0-2
				710	23790	20.87	22	0-2
				711	23800	20.88	22	0-2
			12	709	23780	20.95	22	0-2
				710	23790	20.89	22	0-2
				711	23800	20.93	22	0-2
			25	709	23780	21.10	22	0-2
				710	23790	21.14	22	0-2
				711	23800	21.29	22	0-2
		50RB		709	23780	20.83	22	0-2
				710	23790	20.88	22	0-2
				711	23800	20.98	22	0-2

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FDD Band 17								
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	706.5	23755	22.99	24	0
				710	23790	22.85	24	0
				713.5	23825	22.93	24	0
			12	706.5	23755	22.91	24	0
				710	23790	22.92	24	0
				713.5	23825	23.12	24	0
			24	706.5	23755	22.93	24	0
				710	23790	23.21	24	0
				713.5	23825	23.26	24	0
		12 RB	0	706.5	23755	22.00	23	0-1
				710	23790	21.95	23	0-1
				713.5	23825	22.15	23	0-1
			6	706.5	23755	21.97	23	0-1
				710	23790	21.99	23	0-1
				713.5	23825	22.20	23	0-1
			13	706.5	23755	22.04	23	0-1
				710	23790	22.22	23	0-1
				713.5	23825	22.36	23	0-1
		25RB		706.5	23755	21.93	23	0-1
				710	23790	22.08	23	0-1
				713.5	23825	22.17	23	0-1
	16-QAM	1 RB	0	706.5	23755	22.48	23	0-1
				710	23790	21.84	23	0-1
				713.5	23825	22.58	23	0-1
			12	706.5	23755	22.07	23	0-1
				710	23790	22.51	23	0-1
				713.5	23825	22.09	23	0-1
			24	706.5	23755	22.44	23	0-1
				710	23790	22.12	23	0-1
				713.5	23825	22.22	23	0-1
		12 RB	0	706.5	23755	21.02	22	0-2
				710	23790	21.07	22	0-2
				713.5	23825	21.20	22	0-2
			6	706.5	23755	21.02	22	0-2
				710	23790	21.07	22	0-2
				713.5	23825	21.34	22	0-2
			13	706.5	23755	21.01	22	0-2
				710	23790	21.18	22	0-2
				713.5	23825	21.30	22	0-2
		25RB		706.5	23755	21.08	22	0-2
				710	23790	21.07	22	0-2
				713.5	23825	21.30	22	0-2

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FDD Band 17								
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	706.5	23755	22.08	23	0-1
				710	23790	22.04	23	0-1
				713.5	23825	22.15	23	0-1
			12	706.5	23755	21.99	23	0-1
				710	23790	21.89	23	0-1
				713.5	23825	22.36	23	0-1
			24	706.5	23755	22.19	23	0-1
				710	23790	22.34	23	0-1
				713.5	23825	22.59	23	0-1
		12 RB	0	706.5	23755	20.88	22	0-2
				710	23790	20.86	22	0-2
				713.5	23825	20.93	22	0-2
			6	706.5	23755	21.10	22	0-2
				710	23790	20.92	22	0-2
				713.5	23825	20.93	22	0-2
			13	706.5	23755	21.12	22	0-2
				710	23790	21.21	22	0-2
				713.5	23825	21.24	22	0-2
		25RB		706.5	23755	20.82	22	0-2
				710	23790	20.84	22	0-2
				713.5	23825	20.91	22	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	23.34	24	0
				1882.5	26365	23.20	24	0
				1905	26590	23.01	24	0
			50	1860	26140	22.99	24	0
				1882.5	26365	23.01	24	0
				1905	26590	22.89	24	0
			99	1860	26140	23.20	24	0
				1882.5	26365	22.90	24	0
				1905	26590	22.81	24	0
		50 RB	0	1860	26140	22.30	23	0-1
				1882.5	26365	22.17	23	0-1
				1905	26590	22.10	23	0-1
			25	1860	26140	22.21	23	0-1
				1882.5	26365	22.01	23	0-1
				1905	26590	22.10	23	0-1
			50	1860	26140	22.16	23	0-1
				1882.5	26365	21.91	23	0-1
				1905	26590	22.00	23	0-1
		100RB		1860	26140	22.23	23	0-1
				1882.5	26365	22.05	23	0-1
				1905	26590	22.16	23	0-1
	16-QAM	1 RB	0	1860	26140	22.43	23	0-1
				1882.5	26365	22.57	23	0-1
				1905	26590	22.44	23	0-1
			50	1860	26140	22.46	23	0-1
				1882.5	26365	22.28	23	0-1
				1905	26590	22.03	23	0-1
			99	1860	26140	22.53	23	0-1
				1882.5	26365	21.79	23	0-1
				1905	26590	22.05	23	0-1
		50 RB	0	1860	26140	21.48	22	0-2
				1882.5	26365	21.28	22	0-2
				1905	26590	21.24	22	0-2
			25	1860	26140	21.32	22	0-2
				1882.5	26365	21.14	22	0-2
				1905	26590	21.15	22	0-2
			50	1860	26140	21.20	22	0-2
				1882.5	26365	21.06	22	0-2
				1905	26590	21.08	22	0-2
		100RB		1860	26140	21.28	22	0-2
				1882.5	26365	21.15	22	0-2
				1905	26590	21.19	22	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	22.39	23	0-1
				1882.5	26365	22.49	23	0-1
				1905	26590	22.38	23	0-1
			50	1860	26140	22.40	23	0-1
				1882.5	26365	22.26	23	0-1
				1905	26590	21.89	23	0-1
			99	1860	26140	22.46	23	0-1
				1882.5	26365	21.68	23	0-1
				1905	26590	21.91	23	0-1
		50 RB	0	1860	26140	21.45	22	0-2
				1882.5	26365	21.20	22	0-2
				1905	26590	21.20	22	0-2
			25	1860	26140	21.25	22	0-2
				1882.5	26365	21.12	22	0-2
				1905	26590	21.12	22	0-2
			50	1860	26140	21.11	22	0-2
				1882.5	26365	20.90	22	0-2
				1905	26590	20.91	22	0-2
		100RB		1860	26140	21.13	22	0-2
				1882.5	26365	21.04	22	0-2
				1905	26590	21.04	22	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	23.22	24	0
				1882.5	26365	23.16	24	0
				1907.5	26615	23.13	24	0
			36	1857.5	26115	23.27	24	0
				1882.5	26365	22.99	24	0
				1907.5	26615	23.12	24	0
			74	1857.5	26115	23.13	24	0
				1882.5	26365	22.84	24	0
				1907.5	26615	22.95	24	0
		36 RB	0	1857.5	26115	22.32	23	0-1
				1882.5	26365	22.22	23	0-1
				1907.5	26615	22.10	23	0-1
			18	1857.5	26115	22.27	23	0-1
				1882.5	26365	22.16	23	0-1
				1907.5	26615	22.09	23	0-1
			37	1857.5	26115	22.17	23	0-1
				1882.5	26365	21.97	23	0-1
				1907.5	26615	22.01	23	0-1
		75RB		1857.5	26115	22.26	23	0-1
				1882.5	26365	22.10	23	0-1
				1907.5	26615	22.12	23	0-1
	16-QAM	1 RB	0	1857.5	26115	22.85	23	0-1
				1882.5	26365	22.20	23	0-1
				1907.5	26615	21.77	23	0-1
			36	1857.5	26115	22.46	23	0-1
				1882.5	26365	22.37	23	0-1
				1907.5	26615	22.55	23	0-1
			74	1857.5	26115	22.04	23	0-1
				1882.5	26365	22.01	23	0-1
				1907.5	26615	22.16	23	0-1
		36 RB	0	1857.5	26115	21.41	22	0-2
				1882.5	26365	21.33	22	0-2
				1907.5	26615	21.21	22	0-2
			18	1857.5	26115	21.34	22	0-2
				1882.5	26365	21.23	22	0-2
				1907.5	26615	21.20	22	0-2
			37	1857.5	26115	21.32	22	0-2
				1882.5	26365	21.10	22	0-2
				1907.5	26615	21.05	22	0-2
		75RB		1857.5	26115	21.36	22	0-2
				1882.5	26365	21.14	22	0-2
				1907.5	26615	21.21	22	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	22.25	23	0-1
				1882.5	26365	22.57	23	0-1
				1907.5	26615	22.29	23	0-1
			36	1857.5	26115	22.30	23	0-1
				1882.5	26365	22.24	23	0-1
				1907.5	26615	21.89	23	0-1
			74	1857.5	26115	22.47	23	0-1
				1882.5	26365	21.79	23	0-1
				1907.5	26615	21.91	23	0-1
		36 RB	0	1857.5	26115	21.40	22	0-2
				1882.5	26365	21.26	22	0-2
				1907.5	26615	21.15	22	0-2
			18	1857.5	26115	21.17	22	0-2
				1882.5	26365	21.07	22	0-2
				1907.5	26615	20.96	22	0-2
			37	1857.5	26115	21.18	22	0-2
				1882.5	26365	20.98	22	0-2
				1907.5	26615	20.91	22	0-2
		75RB		1857.5	26115	21.22	22	0-2
				1882.5	26365	21.12	22	0-2
				1907.5	26615	21.00	22	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	23.22	24	0
				1882.5	26365	23.17	24	0
				1910	26640	22.85	24	0
			25	1855	26090	23.18	24	0
				1882.5	26365	22.95	24	0
				1910	26640	22.93	24	0
			49	1855	26090	23.20	24	0
				1882.5	26365	22.96	24	0
				1910	26640	22.78	24	0
		25 RB	0	1855	26090	22.34	23	0-1
				1882.5	26365	22.23	23	0-1
				1910	26640	22.02	23	0-1
			12	1855	26090	22.38	23	0-1
				1882.5	26365	22.18	23	0-1
				1910	26640	21.96	23	0-1
			25	1855	26090	22.26	23	0-1
				1882.5	26365	22.12	23	0-1
				1910	26640	21.98	23	0-1
		50RB		1855	26090	22.35	23	0-1
				1882.5	26365	22.09	23	0-1
				1910	26640	22.06	23	0-1
	16-QAM	1 RB	0	1855	26090	22.38	23	0-1
				1882.5	26365	22.60	23	0-1
				1910	26640	21.76	23	0-1
			25	1855	26090	22.71	23	0-1
				1882.5	26365	22.35	23	0-1
				1910	26640	22.36	23	0-1
			49	1855	26090	22.35	23	0-1
				1882.5	26365	22.28	23	0-1
				1910	26640	22.17	23	0-1
		25 RB	0	1855	26090	21.39	22	0-2
				1882.5	26365	21.30	22	0-2
				1910	26640	21.20	22	0-2
			12	1855	26090	21.40	22	0-2
				1882.5	26365	21.24	22	0-2
				1910	26640	21.05	22	0-2
			25	1855	26090	21.38	22	0-2
				1882.5	26365	21.24	22	0-2
				1910	26640	21.14	22	0-2
		50RB		1855	26090	21.42	22	0-2
				1882.5	26365	21.17	22	0-2
				1910	26640	21.10	22	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	22.24	23	0-1
				1882.5	26365	22.47	23	0-1
				1910	26640	22.32	23	0-1
			25	1855	26090	22.40	23	0-1
				1882.5	26365	22.13	23	0-1
				1910	26640	22.01	23	0-1
			49	1855	26090	22.35	23	0-1
				1882.5	26365	21.66	23	0-1
				1910	26640	21.94	23	0-1
		25 RB	0	1855	26090	21.38	22	0-2
				1882.5	26365	21.24	22	0-2
				1910	26640	21.07	22	0-2
			12	1855	26090	21.20	22	0-2
				1882.5	26365	21.03	22	0-2
				1910	26640	21.01	22	0-2
			25	1855	26090	21.13	22	0-2
				1882.5	26365	20.87	22	0-2
				1910	26640	21.02	22	0-2
		50RB		1855	26090	21.19	22	0-2
				1882.5	26365	20.99	22	0-2
				1910	26640	21.08	22	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	0
				1882.5	26365	23.15	24	0
				1912.5	26665	22.76	24	0
			12	1852.5	26065	23.06	24	0
				1882.5	26365	22.89	24	0
				1912.5	26665	23.01	24	0
			24	1852.5	26065	23.26	24	0
				1882.5	26365	22.93	24	0
				1912.5	26665	22.75	24	0
		12 RB	0	1852.5	26065	22.12	23	0-1
				1882.5	26365	22.08	23	0-1
				1912.5	26665	21.83	23	0-1
			6	1852.5	26065	22.17	23	0-1
				1882.5	26365	22.06	23	0-1
				1912.5	26665	21.91	23	0-1
			13	1852.5	26065	22.17	23	0-1
				1882.5	26365	21.97	23	0-1
				1912.5	26665	21.91	23	0-1
		25RB		1852.5	26065	22.20	23	0-1
				1882.5	26365	22.00	23	0-1
				1912.5	26665	21.94	23	0-1
	16-QAM	1 RB	0	1852.5	26065	22.30	23	0-1
				1882.5	26365	22.21	23	0-1
				1912.5	26665	22.01	23	0-1
			12	1852.5	26065	22.47	23	0-1
				1882.5	26365	22.47	23	0-1
				1912.5	26665	22.07	23	0-1
			24	1852.5	26065	22.50	23	0-1
				1882.5	26365	22.37	23	0-1
				1912.5	26665	21.90	23	0-1
		12 RB	0	1852.5	26065	21.18	22	0-2
				1882.5	26365	21.20	22	0-2
				1912.5	26665	20.84	22	0-2
			6	1852.5	26065	21.26	22	0-2
				1882.5	26365	21.08	22	0-2
				1912.5	26665	20.90	22	0-2
			13	1852.5	26065	21.25	22	0-2
				1882.5	26365	21.06	22	0-2
				1912.5	26665	20.90	22	0-2
		25RB		1852.5	26065	21.22	22	0-2
				1882.5	26365	21.04	22	0-2
				1912.5	26665	20.89	22	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	22.29	23	0-1
				1882.5	26365	22.41	23	0-1
				1912.5	26665	22.26	23	0-1
			12	1852.5	26065	22.40	23	0-1
				1882.5	26365	22.26	23	0-1
				1912.5	26665	21.96	23	0-1
			24	1852.5	26065	22.45	23	0-1
				1882.5	26365	21.75	23	0-1
				1912.5	26665	21.98	23	0-1
		12 RB	0	1852.5	26065	21.40	22	0-2
				1882.5	26365	21.16	22	0-2
				1912.5	26665	21.06	22	0-2
			6	1852.5	26065	21.28	22	0-2
				1882.5	26365	21.03	22	0-2
				1912.5	26665	21.02	22	0-2
			13	1852.5	26065	21.08	22	0-2
				1882.5	26365	20.92	22	0-2
				1912.5	26665	21.05	22	0-2
		25RB		1852.5	26065	21.16	22	0-2
				1882.5	26365	20.98	22	0-2
				1912.5	26665	21.08	22	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	23.14	24	0
				1882.5	26365	23.04	24	0
				1913.5	26675	22.84	24	0
			7	1851.5	26055	22.96	24	0
				1882.5	26365	22.89	24	0
				1913.5	26675	22.88	24	0
			14	1851.5	26055	23.06	24	0
				1882.5	26365	22.85	24	0
				1913.5	26675	22.47	24	0
		8 RB	0	1851.5	26055	22.06	23	0-1
				1882.5	26365	21.95	23	0-1
				1913.5	26675	21.76	23	0-1
			4	1851.5	26055	21.98	23	0-1
				1882.5	26365	21.88	23	0-1
				1913.5	26675	21.74	23	0-1
			7	1851.5	26055	22.08	23	0-1
				1882.5	26365	21.92	23	0-1
				1913.5	26675	21.79	23	0-1
		15RB		1851.5	26055	22.02	23	0-1
				1882.5	26365	21.89	23	0-1
				1913.5	26675	21.84	23	0-1
	16-QAM	1 RB	0	1851.5	26055	22.20	23	0-1
				1882.5	26365	22.40	23	0-1
				1913.5	26675	22.33	23	0-1
			7	1851.5	26055	22.38	23	0-1
				1882.5	26365	21.96	23	0-1
				1913.5	26675	21.88	23	0-1
			14	1851.5	26055	22.63	23	0-1
				1882.5	26365	21.78	23	0-1
				1913.5	26675	21.88	23	0-1
		8 RB	0	1851.5	26055	21.14	22	0-2
				1882.5	26365	20.88	22	0-2
				1913.5	26675	20.79	22	0-2
			4	1851.5	26055	21.08	22	0-2
				1882.5	26365	20.81	22	0-2
				1913.5	26675	20.78	22	0-2
			7	1851.5	26055	21.24	22	0-2
				1882.5	26365	20.96	22	0-2
				1913.5	26675	20.78	22	0-2
		15RB		1851.5	26055	21.06	22	0-2
				1882.5	26365	20.90	22	0-2
				1913.5	26675	20.75	22	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	22.28	23	0-1
				1882.5	26365	22.41	23	0-1
				1913.5	26675	22.27	23	0-1
			7	1851.5	26055	22.28	23	0-1
				1882.5	26365	22.26	23	0-1
				1913.5	26675	22.01	23	0-1
			14	1851.5	26055	22.35	23	0-1
				1882.5	26365	21.76	23	0-1
				1913.5	26675	22.04	23	0-1
		8 RB	0	1851.5	26055	21.29	22	0-2
				1882.5	26365	21.25	22	0-2
				1913.5	26675	21.16	22	0-2
			4	1851.5	26055	21.31	22	0-2
				1882.5	26365	20.98	22	0-2
				1913.5	26675	21.09	22	0-2
			7	1851.5	26055	21.02	22	0-2
				1882.5	26365	20.96	22	0-2
				1913.5	26675	21.08	22	0-2
		15RB		1851.5	26055	21.20	22	0-2
				1882.5	26365	20.95	22	0-2
				1913.5	26675	21.15	22	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	23.06	24	0
				1882.5	26365	23.02	24	0
				1914.3	26683	22.88	24	0
			2	1850.7	26047	23.15	24	0
				1882.5	26365	23.02	24	0
				1914.3	26683	22.79	24	0
			5	1850.7	26047	23.08	24	0
				1882.5	26365	22.92	24	0
				1914.3	26683	22.87	24	0
		3 RB	0	1850.7	26047	22.86	23	0
				1882.5	26365	22.99	23	0
				1914.3	26683	22.73	23	0
			2	1850.7	26047	22.90	23	0
				1882.5	26365	22.84	23	0
				1914.3	26683	22.71	23	0
			3	1850.7	26047	22.95	23	0
				1882.5	26365	22.91	23	0
				1914.3	26683	22.57	23	0
		6RB		1850.7	26047	21.98	23	0-1
				1882.5	26365	21.94	23	0-1
				1914.3	26683	21.71	23	0-1
	16-QAM	1 RB	0	1850.7	26047	22.39	23	0-1
				1882.5	26365	22.42	23	0-1
				1914.3	26683	21.94	23	0-1
			2	1850.7	26047	22.17	23	0-1
				1882.5	26365	22.00	23	0-1
				1914.3	26683	21.79	23	0-1
			5	1850.7	26047	22.38	23	0-1
				1882.5	26365	22.29	23	0-1
				1914.3	26683	21.39	23	0-1
		3 RB	0	1850.7	26047	21.98	22	0-1
				1882.5	26365	21.94	22	0-1
				1914.3	26683	21.90	22	0-1
			2	1850.7	26047	21.92	22	0-1
				1882.5	26365	21.93	22	0-1
				1914.3	26683	21.84	22	0-1
			3	1850.7	26047	21.99	22	0-1
				1882.5	26365	21.91	22	0-1
				1914.3	26683	21.75	22	0-1
		6RB		1850.7	26047	21.01	22	0-2
				1882.5	26365	20.98	22	0-2
				1914.3	26683	20.96	22	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	22.29	23	0-1
				1882.5	26365	22.46	23	0-1
				1914.3	26683	22.37	23	0-1
			2	1850.7	26047	22.39	23	0-1
				1882.5	26365	22.17	23	0-1
				1914.3	26683	21.92	23	0-1
			5	1850.7	26047	22.46	23	0-1
				1882.5	26365	21.70	23	0-1
				1914.3	26683	22.02	23	0-1
		3 RB	0	1850.7	26047	21.39	22	0-1
				1882.5	26365	21.22	22	0-1
				1914.3	26683	21.09	22	0-1
			2	1850.7	26047	21.16	22	0-1
				1882.5	26365	20.97	22	0-1
				1914.3	26683	20.97	22	0-1
			3	1850.7	26047	21.15	22	0-1
				1882.5	26365	20.96	22	0-1
				1914.3	26683	20.91	22	0-1
		6RB		1850.7	26047	21.24	22	0-2
				1882.5	26365	21.00	22	0-2
				1914.3	26683	21.07	22	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	822.5	26825	23.05	25	0
				831.5	26865	23.04	25	0
				841.5	26965	23.24	25	0
			36	822.5	26825	23.04	25	0
				831.5	26865	23.13	25	0
				841.5	26965	23.29	25	0
			74	822.5	26825	23.34	25	0
				831.5	26865	23.49	25	0
				841.5	26965	23.33	25	0
		36 RB	0	822.5	26825	22.02	24	0-1
				831.5	26865	22.04	24	0-1
				841.5	26965	22.21	24	0-1
			18	822.5	26825	22.08	24	0-1
				831.5	26865	22.12	24	0-1
				841.5	26965	22.45	24	0-1
			37	822.5	26825	22.05	24	0-1
				831.5	26865	22.18	24	0-1
				841.5	26965	22.23	24	0-1
		75RB		822.5	26825	22.13	24	0-1
				831.5	26865	22.14	24	0-1
				841.5	26965	22.41	24	0-1
	16-QAM	1 RB	0	822.5	26825	22.32	24	0-1
				831.5	26865	22.49	24	0-1
				841.5	26965	22.45	24	0-1
			36	822.5	26825	22.37	24	0-1
				831.5	26865	22.43	24	0-1
				841.5	26965	22.05	24	0-1
			74	822.5	26825	22.68	24	0-1
				831.5	26865	22.24	24	0-1
				841.5	26965	22.89	24	0-1
		36 RB	0	822.5	26825	21.06	23	0-2
				831.5	26865	21.05	23	0-2
				841.5	26965	21.26	23	0-2
			18	822.5	26825	21.08	23	0-2
				831.5	26865	21.13	23	0-2
				841.5	26965	21.39	23	0-2
			37	822.5	26825	21.14	23	0-2
				831.5	26865	21.23	23	0-2
				841.5	26965	21.24	23	0-2
		75RB		822.5	26825	21.17	23	0-2
				831.5	26865	21.18	23	0-2
				841.5	26965	21.38	23	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	822.5	26825	22.22	24	0-1
				831.5	26865	22.40	24	0-1
				841.5	26965	22.34	24	0-1
			36	822.5	26825	22.29	24	0-1
				831.5	26865	22.37	24	0-1
				841.5	26965	22.01	24	0-1
			74	822.5	26825	22.54	24	0-1
				831.5	26865	22.16	24	0-1
				841.5	26965	22.78	24	0-1
		36 RB	0	822.5	26825	21.09	23	0-2
				831.5	26865	21.04	23	0-2
				841.5	26965	21.14	23	0-2
			18	822.5	26825	21.00	23	0-2
				831.5	26865	21.07	23	0-2
				841.5	26965	21.25	23	0-2
			37	822.5	26825	21.07	23	0-2
				831.5	26865	21.17	23	0-2
				841.5	26965	21.06	23	0-2
		75RB		822.5	26825	21.03	23	0-2
				831.5	26865	21.17	23	0-2
				841.5	26965	21.37	23	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	820	26750	23.01	25	0
				831.5	26865	23.06	25	0
				844	26990	23.48	25	0
			25	820	26750	23.14	25	0
				831.5	26865	23.17	25	0
				844	26990	23.21	25	0
			49	820	26750	23.14	25	0
				831.5	26865	23.19	25	0
				844	26990	23.20	25	0
		25 RB	0	820	26750	22.05	24	0-1
				831.5	26865	22.09	24	0-1
				844	26990	22.29	24	0-1
			12	820	26750	22.08	24	0-1
				831.5	26865	22.14	24	0-1
				844	26990	22.24	24	0-1
			25	820	26750	22.05	24	0-1
				831.5	26865	22.11	24	0-1
				844	26990	22.23	24	0-1
		50RB		820	26750	22.18	24	0-1
				831.5	26865	22.14	24	0-1
				844	26990	22.22	24	0-1
	16-QAM	1 RB	0	820	26750	22.51	24	0-1
				831.5	26865	22.40	24	0-1
				844	26990	22.72	24	0-1
			25	820	26750	22.20	24	0-1
				831.5	26865	22.38	24	0-1
				844	26990	22.45	24	0-1
			49	820	26750	22.37	24	0-1
				831.5	26865	22.58	24	0-1
				844	26990	22.27	24	0-1
		25 RB	0	820	26750	21.04	23	0-2
				831.5	26865	21.10	23	0-2
				844	26990	21.39	23	0-2
			12	820	26750	21.19	23	0-2
				831.5	26865	21.23	23	0-2
				844	26990	21.30	23	0-2
			25	820	26750	21.09	23	0-2
				831.5	26865	21.23	23	0-2
				844	26990	21.31	23	0-2
		50RB		820	26750	21.19	23	0-2
				831.5	26865	21.13	23	0-2
				844	26990	21.27	23	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	820	26750	22.30	24	0-1
				831.5	26865	22.39	24	0-1
				844	26990	22.31	24	0-1
			25	820	26750	22.20	24	0-1
				831.5	26865	22.41	24	0-1
				844	26990	22.04	24	0-1
			49	820	26750	22.54	24	0-1
				831.5	26865	22.18	24	0-1
				844	26990	22.70	24	0-1
		25 RB	0	820	26750	21.03	23	0-2
				831.5	26865	21.08	23	0-2
				844	26990	21.07	23	0-2
			12	820	26750	21.09	23	0-2
				831.5	26865	21.01	23	0-2
				844	26990	21.22	23	0-2
			25	820	26750	21.09	23	0-2
				831.5	26865	21.22	23	0-2
				844	26990	21.08	23	0-2
		50RB		820	26750	21.10	23	0-2
				831.5	26865	21.09	23	0-2
				844	26990	21.32	23	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	23.05	25	0
				831.5	26865	23.08	25	0
				846.5	27015	23.20	25	0
			12	816.5	26715	23.09	25	0
				831.5	26865	23.05	25	0
				846.5	27015	23.05	25	0
			24	816.5	26715	23.20	25	0
				831.5	26865	23.28	25	0
				846.5	27015	23.17	25	0
		12 RB	0	816.5	26715	22.14	24	0-1
				831.5	26865	22.19	24	0-1
				846.5	27015	22.28	24	0-1
			6	816.5	26715	22.21	24	0-1
				831.5	26865	22.18	24	0-1
				846.5	27015	22.19	24	0-1
			13	816.5	26715	22.21	24	0-1
				831.5	26865	22.21	24	0-1
				846.5	27015	22.25	24	0-1
		25RB		816.5	26715	22.18	24	0-1
				831.5	26865	22.21	24	0-1
				846.5	27015	22.23	24	0-1
	16-QAM	1 RB	0	816.5	26715	22.28	24	0-1
				831.5	26865	22.45	24	0-1
				846.5	27015	22.40	24	0-1
			12	816.5	26715	22.39	24	0-1
				831.5	26865	22.47	24	0-1
				846.5	27015	22.17	24	0-1
			24	816.5	26715	22.26	24	0-1
				831.5	26865	22.41	24	0-1
				846.5	27015	22.53	24	0-1
		12 RB	0	816.5	26715	21.13	23	0-2
				831.5	26865	21.17	23	0-2
				846.5	27015	21.23	23	0-2
			6	816.5	26715	21.26	23	0-2
				831.5	26865	21.24	23	0-2
				846.5	27015	21.37	23	0-2
			13	816.5	26715	21.38	23	0-2
				831.5	26865	21.34	23	0-2
				846.5	27015	21.34	23	0-2
		25RB		816.5	26715	21.34	23	0-2
				831.5	26865	21.36	23	0-2
				846.5	27015	21.28	23	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	22.17	24	0-1
				831.5	26865	22.44	24	0-1
				846.5	27015	22.28	24	0-1
			12	816.5	26715	22.24	24	0-1
				831.5	26865	22.31	24	0-1
				846.5	27015	22.04	24	0-1
			24	816.5	26715	22.50	24	0-1
				831.5	26865	22.16	24	0-1
				846.5	27015	22.88	24	0-1
		12 RB	0	816.5	26715	21.05	23	0-2
				831.5	26865	21.06	23	0-2
				846.5	27015	21.15	23	0-2
			6	816.5	26715	21.05	23	0-2
				831.5	26865	21.06	23	0-2
				846.5	27015	21.28	23	0-2
			13	816.5	26715	21.07	23	0-2
				831.5	26865	21.10	23	0-2
				846.5	27015	21.11	23	0-2
		25RB		816.5	26715	21.01	23	0-2
				831.5	26865	21.16	23	0-2
				846.5	27015	21.32	23	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	23.04	25	0
				831.5	26865	23.03	25	0
				847.5	27025	23.15	25	0
			7	815.5	26705	23.04	25	0
				831.5	26865	23.05	25	0
				847.5	27025	23.18	25	0
			14	815.5	26705	23.13	25	0
				831.5	26865	23.00	25	0
				847.5	27025	23.27	25	0
		8 RB	0	815.5	26705	22.02	24	0-1
				831.5	26865	22.07	24	0-1
				847.5	27025	22.13	24	0-1
			4	815.5	26705	22.05	24	0-1
				831.5	26865	22.15	24	0-1
				847.5	27025	22.22	24	0-1
			7	815.5	26705	22.11	24	0-1
				831.5	26865	22.11	24	0-1
				847.5	27025	22.15	24	0-1
		15RB		815.5	26705	22.00	24	0-1
				831.5	26865	22.10	24	0-1
				847.5	27025	22.22	24	0-1
	16-QAM	1 RB	0	815.5	26705	22.47	24	0-1
				831.5	26865	22.25	24	0-1
				847.5	27025	22.00	24	0-1
			7	815.5	26705	22.14	24	0-1
				831.5	26865	22.39	24	0-1
				847.5	27025	22.37	24	0-1
			14	815.5	26705	22.14	24	0-1
				831.5	26865	22.66	24	0-1
				847.5	27025	22.58	24	0-1
		8 RB	0	815.5	26705	21.11	23	0-2
				831.5	26865	21.10	23	0-2
				847.5	27025	21.09	23	0-2
			4	815.5	26705	21.14	23	0-2
				831.5	26865	21.14	23	0-2
				847.5	27025	21.24	23	0-2
			7	815.5	26705	21.15	23	0-2
				831.5	26865	21.03	23	0-2
				847.5	27025	21.23	23	0-2
		15RB		815.5	26705	21.07	23	0-2
				831.5	26865	21.09	23	0-2
				847.5	27025	21.03	23	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	22.27	24	0-1
				831.5	26865	22.39	24	0-1
				847.5	27025	22.33	24	0-1
			7	815.5	26705	22.21	24	0-1
				831.5	26865	22.35	24	0-1
				847.5	27025	22.06	24	0-1
			14	815.5	26705	22.65	24	0-1
				831.5	26865	22.13	24	0-1
				847.5	27025	22.73	24	0-1
		8 RB	0	815.5	26705	21.09	23	0-2
				831.5	26865	21.06	23	0-2
				847.5	27025	21.24	23	0-2
			4	815.5	26705	21.05	23	0-2
				831.5	26865	21.08	23	0-2
				847.5	27025	21.21	23	0-2
			7	815.5	26705	21.03	23	0-2
				831.5	26865	21.22	23	0-2
				847.5	27025	21.09	23	0-2
		15RB		815.5	26705	21.13	23	0-2
				831.5	26865	21.01	23	0-2
				847.5	27025	21.26	23	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	QPSK	1 RB	0	814.7	26697	23.02	25	0
				831.5	26865	23.14	25	0
				848.3	27033	23.29	25	0
			2	814.7	26697	23.09	25	0
				831.5	26865	23.13	25	0
				848.3	27033	23.15	25	0
			5	814.7	26697	23.09	25	0
				831.5	26865	23.14	25	0
				848.3	27033	23.12	25	0
		3 RB	0	814.7	26697	23.00	24	0
				831.5	26865	23.11	24	0
				848.3	27033	23.29	24	0
			2	814.7	26697	23.00	24	0
				831.5	26865	23.08	24	0
				848.3	27033	23.16	24	0
			3	814.7	26697	22.99	24	0
				831.5	26865	23.09	24	0
				848.3	27033	23.17	24	0
		6RB		814.7	26697	22.00	24	0-1
				831.5	26865	22.14	24	0-1
				848.3	27033	22.13	24	0-1
	16-QAM	1 RB	0	814.7	26697	22.30	24	0-1
				831.5	26865	22.48	24	0-1
				848.3	27033	22.62	24	0-1
			2	814.7	26697	22.32	24	0-1
				831.5	26865	22.36	24	0-1
				848.3	27033	22.40	24	0-1
			5	814.7	26697	22.26	24	0-1
				831.5	26865	22.26	24	0-1
				848.3	27033	22.37	24	0-1
		3 RB	0	814.7	26697	22.08	23	0-1
				831.5	26865	22.18	23	0-1
				848.3	27033	22.23	23	0-1
			2	814.7	26697	22.15	23	0-1
				831.5	26865	22.29	23	0-1
				848.3	27033	21.89	23	0-1
			3	814.7	26697	22.18	23	0-1
				831.5	26865	22.37	23	0-1
				848.3	27033	22.29	23	0-1
		6RB		814.7	26697	21.10	23	0-2
				831.5	26865	21.15	23	0-2
				848.3	27033	21.13	23	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	22.17	24	0-1
				831.5	26865	22.41	24	0-1
				848.3	27033	22.44	24	0-1
			2	814.7	26697	22.32	24	0-1
				831.5	26865	22.41	24	0-1
				848.3	27033	22.05	24	0-1
			5	814.7	26697	22.55	24	0-1
				831.5	26865	22.19	24	0-1
				848.3	27033	22.73	24	0-1
		3 RB	0	814.7	26697	21.01	23	0-1
				831.5	26865	21.06	23	0-1
				848.3	27033	21.07	23	0-1
			2	814.7	26697	21.06	23	0-1
				831.5	26865	21.12	23	0-1
				848.3	27033	21.25	23	0-1
			3	814.7	26697	21.11	23	0-1
				831.5	26865	21.05	23	0-1
				848.3	27033	21.05	23	0-1
		6RB		814.7	26697	21.12	23	0-2
				831.5	26865	21.02	23	0-2
				848.3	27033	21.32	23	0-2

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FDD Band 30								
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	2310	27710	22.32	23	0
			25	2310	27710	22.54	23	0
			49	2310	27710	22.81	23	0
		25 RB	0	2310	27710	21.43	22	0-1
			12	2310	27710	21.44	22	0-1
			25	2310	27710	21.59	22	0-1
		50RB		2310	27710	21.58	22	0-1
	16-QAM	1 RB	0	2310	27710	21.92	22	0-1
			25	2310	27710	21.94	22	0-1
			49	2310	27710	21.91	22	0-1
		25 RB	0	2310	27710	20.64	21	0-2
			12	2310	27710	20.61	21	0-2
			25	2310	27710	20.73	21	0-2
		50RB		2310	27710	20.68	21	0-2
	64-QAM	1 RB	0	2310	27710	21.92	22	0-1
			25	2310	27710	21.90	22	0-1
			49	2310	27710	21.98	22	0-1
		25 RB	0	2310	27710	20.73	21	0-2
			12	2310	27710	20.77	21	0-2
			25	2310	27710	20.92	21	0-2
		50RB		2310	27710	20.80	21	0-2

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FDD Band 30								
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	2307.5	27685	22.55	23	0
				2310	27710	22.47	23	0
				2312.5	27735	22.62	23	0
			12	2307.5	27685	22.26	23	0
				2310	27710	22.41	23	0
				2312.5	27735	22.71	23	0
			24	2307.5	27685	22.48	23	0
				2310	27710	22.49	23	0
				2312.5	27735	22.79	23	0
		12 RB	0	2307.5	27685	21.24	22	0-1
				2310	27710	21.33	22	0-1
				2312.5	27735	21.58	22	0-1
			6	2307.5	27685	21.20	22	0-1
				2310	27710	21.32	22	0-1
				2312.5	27735	21.53	22	0-1
			13	2307.5	27685	21.25	22	0-1
				2310	27710	21.53	22	0-1
				2312.5	27735	21.60	22	0-1
		25RB		2307.5	27685	21.21	22	0-1
				2310	27710	21.42	22	0-1
				2312.5	27735	21.55	22	0-1
	16-QAM	1 RB	0	2307.5	27685	21.92	22	0-1
				2310	27710	21.61	22	0-1
				2312.5	27735	21.97	22	0-1
			12	2307.5	27685	21.45	22	0-1
				2310	27710	21.99	22	0-1
				2312.5	27735	21.97	22	0-1
			24	2307.5	27685	21.68	22	0-1
				2310	27710	21.83	22	0-1
				2312.5	27735	21.92	22	0-1
		12 RB	0	2307.5	27685	20.42	21	0-2
				2310	27710	20.36	21	0-2
				2312.5	27735	20.60	21	0-2
			6	2307.5	27685	20.15	21	0-2
				2310	27710	20.33	21	0-2
				2312.5	27735	20.56	21	0-2
			13	2307.5	27685	20.29	21	0-2
				2310	27710	20.45	21	0-2
				2312.5	27735	20.71	21	0-2
		25RB		2307.5	27685	20.20	21	0-2
				2310	27710	20.42	21	0-2
				2312.5	27735	20.59	21	0-2

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FDD Band 30								
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	2307.5	27685	21.97	22	0-1
				2310	27710	21.73	22	0-1
				2312.5	27735	21.97	22	0-1
			12	2307.5	27685	21.58	22	0-1
				2310	27710	21.95	22	0-1
				2312.5	27735	21.94	22	0-1
			24	2307.5	27685	21.77	22	0-1
				2310	27710	21.93	22	0-1
				2312.5	27735	21.95	22	0-1
		12 RB	0	2307.5	27685	20.50	21	0-2
				2310	27710	20.49	21	0-2
				2312.5	27735	20.75	21	0-2
			6	2307.5	27685	20.34	21	0-2
				2310	27710	20.45	21	0-2
				2312.5	27735	20.73	21	0-2
			13	2307.5	27685	20.39	21	0-2
				2310	27710	20.63	21	0-2
				2312.5	27735	20.86	21	0-2
		25RB		2307.5	27685	20.38	21	0-2
				2310	27710	20.60	21	0-2
				2312.5	27735	20.60	21	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	22.99	24	0
				1745	132322	23.09	24	0
				1770	132572	23.06	24	0
			50	1720	132072	23.27	24	0
				1745	132322	22.97	24	0
				1770	132572	23.18	24	0
			99	1720	132072	23.04	24	0
				1745	132322	23.03	24	0
				1770	132572	23.05	24	0
		50 RB	0	1720	132072	21.96	23	0-1
				1745	132322	22.01	23	0-1
				1770	132572	21.99	23	0-1
			25	1720	132072	22.00	23	0-1
				1745	132322	21.97	23	0-1
				1770	132572	22.02	23	0-1
			50	1720	132072	22.02	23	0-1
				1745	132322	21.91	23	0-1
				1770	132572	21.90	23	0-1
		100RB		1720	132072	22.11	23	0-1
				1745	132322	22.04	23	0-1
				1770	132572	22.09	23	0-1
	16-QAM	1 RB	0	1720	132072	22.63	23	0-1
				1745	132322	22.50	23	0-1
				1770	132572	22.31	23	0-1
			50	1720	132072	22.71	23	0-1
				1745	132322	22.47	23	0-1
				1770	132572	21.87	23	0-1
			99	1720	132072	22.09	23	0-1
				1745	132322	22.45	23	0-1
				1770	132572	22.09	23	0-1
		50 RB	0	1720	132072	21.08	22	0-2
				1745	132322	21.13	22	0-2
				1770	132572	21.13	22	0-2
			25	1720	132072	21.08	22	0-2
				1745	132322	21.05	22	0-2
				1770	132572	21.03	22	0-2
			50	1720	132072	21.03	22	0-2
				1745	132322	20.96	22	0-2
				1770	132572	20.95	22	0-2
		100RB		1720	132072	21.10	22	0-2
				1745	132322	21.10	22	0-2
				1770	132572	21.15	22	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	22.53	23	0-1
				1745	132322	22.31	23	0-1
				1770	132572	22.24	23	0-1
			50	1720	132072	22.54	23	0-1
				1745	132322	22.28	23	0-1
				1770	132572	21.82	23	0-1
			99	1720	132072	22.06	23	0-1
				1745	132322	22.27	23	0-1
				1770	132572	22.07	23	0-1
		50 RB	0	1720	132072	20.93	22	0-2
				1745	132322	20.96	22	0-2
				1770	132572	21.07	22	0-2
			25	1720	132072	20.89	22	0-2
				1745	132322	21.01	22	0-2
				1770	132572	20.86	22	0-2
			50	1720	132072	20.84	22	0-2
				1745	132322	20.83	22	0-2
				1770	132572	20.84	22	0-2
		100RB		1720	132072	20.99	22	0-2
				1745	132322	20.98	22	0-2
				1770	132572	21.14	22	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	0
				1745	132322	23.18	24	0
				1772.5	132597	23.12	24	0
			36	1717.5	132047	22.92	24	0
				1745	132322	23.07	24	0
				1772.5	132597	23.04	24	0
			74	1717.5	132047	22.87	24	0
				1745	132322	22.97	24	0
				1772.5	132597	22.75	24	0
		36 RB	0	1717.5	132047	21.90	23	0-1
				1745	132322	21.98	23	0-1
				1772.5	132597	22.06	23	0-1
			18	1717.5	132047	22.02	23	0-1
				1745	132322	21.97	23	0-1
				1772.5	132597	21.91	23	0-1
			37	1717.5	132047	22.01	23	0-1
				1745	132322	21.91	23	0-1
				1772.5	132597	21.90	23	0-1
		75RB		1717.5	132047	22.00	23	0-1
				1745	132322	22.00	23	0-1
				1772.5	132597	21.99	23	0-1
	16-QAM	1 RB	0	1717.5	132047	22.54	23	0-1
				1745	132322	22.64	23	0-1
				1772.5	132597	22.53	23	0-1
			36	1717.5	132047	22.44	23	0-1
				1745	132322	22.47	23	0-1
				1772.5	132597	22.32	23	0-1
			74	1717.5	132047	21.99	23	0-1
				1745	132322	22.14	23	0-1
				1772.5	132597	22.33	23	0-1
		36 RB	0	1717.5	132047	20.98	22	0-2
				1745	132322	21.06	22	0-2
				1772.5	132597	21.14	22	0-2
			18	1717.5	132047	21.05	22	0-2
				1745	132322	21.15	22	0-2
				1772.5	132597	20.99	22	0-2
			37	1717.5	132047	21.05	22	0-2
				1745	132322	20.89	22	0-2
				1772.5	132597	20.93	22	0-2
		75RB		1717.5	132047	21.01	22	0-2
				1745	132322	21.06	22	0-2
				1772.5	132597	21.00	22	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	22.55	23	0-1
				1745	132322	22.40	23	0-1
				1772.5	132597	22.11	23	0-1
			36	1717.5	132047	22.61	23	0-1
				1745	132322	22.31	23	0-1
				1772.5	132597	21.87	23	0-1
			74	1717.5	132047	21.89	23	0-1
				1745	132322	22.25	23	0-1
				1772.5	132597	22.02	23	0-1
		36 RB	0	1717.5	132047	21.06	22	0-2
				1745	132322	21.06	22	0-2
				1772.5	132597	20.97	22	0-2
			18	1717.5	132047	20.93	22	0-2
				1745	132322	20.88	22	0-2
				1772.5	132597	20.92	22	0-2
			37	1717.5	132047	21.00	22	0-2
				1745	132322	20.88	22	0-2
				1772.5	132597	20.86	22	0-2
		75RB		1717.5	132047	20.95	22	0-2
				1745	132322	20.97	22	0-2
				1772.5	132597	21.04	22	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	23.09	24	0
				1745	132322	22.98	24	0
				1775	132622	23.26	24	0
			25	1715	132022	22.99	24	0
				1745	132322	22.90	24	0
				1775	132622	22.89	24	0
			49	1715	132022	22.91	24	0
				1745	132322	23.04	24	0
				1775	132622	22.91	24	0
		25 RB	0	1715	132022	21.87	23	0-1
				1745	132322	22.03	23	0-1
				1775	132622	21.96	23	0-1
			12	1715	132022	21.93	23	0-1
				1745	132322	22.02	23	0-1
				1775	132622	21.92	23	0-1
			25	1715	132022	21.99	23	0-1
				1745	132322	22.02	23	0-1
				1775	132622	21.95	23	0-1
		50RB		1715	132022	21.86	23	0-1
				1745	132322	22.01	23	0-1
				1775	132622	21.95	23	0-1
	16-QAM	1 RB	0	1715	132022	22.60	23	0-1
				1745	132322	22.46	23	0-1
				1775	132622	22.65	23	0-1
			25	1715	132022	22.48	23	0-1
				1745	132322	22.46	23	0-1
				1775	132622	22.33	23	0-1
			49	1715	132022	22.62	23	0-1
				1745	132322	22.44	23	0-1
				1775	132622	22.09	23	0-1
		25 RB	0	1715	132022	21.13	22	0-2
				1745	132322	21.06	22	0-2
				1775	132622	20.97	22	0-2
			12	1715	132022	20.99	22	0-2
				1745	132322	21.12	22	0-2
				1775	132622	20.96	22	0-2
			25	1715	132022	21.06	22	0-2
				1745	132322	21.07	22	0-2
				1775	132622	20.90	22	0-2
		50RB		1715	132022	20.89	22	0-2
				1745	132322	21.03	22	0-2
				1775	132622	20.95	22	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	22.44	23	0-1
				1745	132322	22.49	23	0-1
				1775	132622	22.25	23	0-1
			25	1715	132022	22.68	23	0-1
				1745	132322	22.32	23	0-1
				1775	132622	21.67	23	0-1
			49	1715	132022	21.97	23	0-1
				1745	132322	22.37	23	0-1
				1775	132622	22.03	23	0-1
		25 RB	0	1715	132022	20.92	22	0-2
				1745	132322	21.06	22	0-2
				1775	132622	21.01	22	0-2
			12	1715	132022	20.93	22	0-2
				1745	132322	20.94	22	0-2
				1775	132622	21.02	22	0-2
			25	1715	132022	20.87	22	0-2
				1745	132322	20.77	22	0-2
				1775	132622	20.90	22	0-2
		50RB		1715	132022	20.94	22	0-2
				1745	132322	20.92	22	0-2
				1775	132622	21.04	22	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	22.92	24	0
				1745	132322	23.08	24	0
				1777.5	132647	22.99	24	0
			12	1712.5	131997	22.81	24	0
				1745	132322	22.98	24	0
				1777.5	132647	22.96	24	0
			24	1712.5	131997	22.91	24	0
				1745	132322	23.10	24	0
				1777.5	132647	22.94	24	0
		12 RB	0	1712.5	131997	22.03	23	0-1
				1745	132322	22.09	23	0-1
				1777.5	132647	22.09	23	0-1
			6	1712.5	131997	21.96	23	0-1
				1745	132322	22.08	23	0-1
				1777.5	132647	22.08	23	0-1
			13	1712.5	131997	21.99	23	0-1
				1745	132322	22.05	23	0-1
				1777.5	132647	21.96	23	0-1
		25RB		1712.5	131997	21.91	23	0-1
				1745	132322	22.08	23	0-1
				1777.5	132647	22.02	23	0-1
	16-QAM	1 RB	0	1712.5	131997	22.43	23	0-1
				1745	132322	22.48	23	0-1
				1777.5	132647	22.37	23	0-1
			12	1712.5	131997	22.38	23	0-1
				1745	132322	22.29	23	0-1
				1777.5	132647	22.26	23	0-1
			24	1712.5	131997	21.48	23	0-1
				1745	132322	22.26	23	0-1
				1777.5	132647	22.24	23	0-1
		12 RB	0	1712.5	131997	21.10	22	0-2
				1745	132322	21.23	22	0-2
				1777.5	132647	21.06	22	0-2
			6	1712.5	131997	21.17	22	0-2
				1745	132322	21.18	22	0-2
				1777.5	132647	21.15	22	0-2
			13	1712.5	131997	21.09	22	0-2
				1745	132322	21.26	22	0-2
				1777.5	132647	21.20	22	0-2
		25RB		1712.5	131997	21.11	22	0-2
				1745	132322	21.17	22	0-2
				1777.5	132647	21.17	22	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	22.61	23	0-1
				1745	132322	22.42	23	0-1
				1777.5	132647	22.23	23	0-1
			12	1712.5	131997	22.67	23	0-1
				1745	132322	22.38	23	0-1
				1777.5	132647	21.72	23	0-1
			24	1712.5	131997	22.01	23	0-1
				1745	132322	22.35	23	0-1
				1777.5	132647	21.92	23	0-1
		12 RB	0	1712.5	131997	20.97	22	0-2
				1745	132322	21.09	22	0-2
				1777.5	132647	21.06	22	0-2
			6	1712.5	131997	21.05	22	0-2
				1745	132322	20.91	22	0-2
				1777.5	132647	20.92	22	0-2
			13	1712.5	131997	20.93	22	0-2
				1745	132322	20.93	22	0-2
				1777.5	132647	20.84	22	0-2
		25RB		1712.5	131997	20.99	22	0-2
				1745	132322	21.05	22	0-2
				1777.5	132647	21.01	22	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	23.01	24	0
				1745	132322	22.84	24	0
				1778.5	132657	22.95	24	0
			7	1711.5	131987	22.95	24	0
				1745	132322	22.97	24	0
				1778.5	132657	22.79	24	0
			14	1711.5	131987	22.83	24	0
				1745	132322	22.95	24	0
				1778.5	132657	22.87	24	0
		8 RB	0	1711.5	131987	21.96	23	0-1
				1745	132322	22.01	23	0-1
				1778.5	132657	21.96	23	0-1
			4	1711.5	131987	21.92	23	0-1
				1745	132322	22.02	23	0-1
				1778.5	132657	21.87	23	0-1
			7	1711.5	131987	21.91	23	0-1
				1745	132322	22.08	23	0-1
				1778.5	132657	21.86	23	0-1
		15RB		1711.5	131987	21.93	23	0-1
				1745	132322	22.02	23	0-1
				1778.5	132657	21.88	23	0-1
	16-QAM	1 RB	0	1711.5	131987	22.58	23	0-1
				1745	132322	22.27	23	0-1
				1778.5	132657	22.59	23	0-1
			7	1711.5	131987	22.44	23	0-1
				1745	132322	22.25	23	0-1
				1778.5	132657	22.10	23	0-1
			14	1711.5	131987	22.31	23	0-1
				1745	132322	21.79	23	0-1
				1778.5	132657	21.93	23	0-1
		8 RB	0	1711.5	131987	21.17	22	0-2
				1745	132322	21.07	22	0-2
				1778.5	132657	21.03	22	0-2
			4	1711.5	131987	21.02	22	0-2
				1745	132322	21.18	22	0-2
				1778.5	132657	21.01	22	0-2
			7	1711.5	131987	20.94	22	0-2
				1745	132322	21.13	22	0-2
				1778.5	132657	20.84	22	0-2
		15RB		1711.5	131987	21.13	22	0-2
				1745	132322	20.98	22	0-2
				1778.5	132657	20.90	22	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	64-QAM	1 RB	0	1711.5	131987	22.54	23	0-1
				1745	132322	22.44	23	0-1
				1778.5	132657	22.18	23	0-1
			7	1711.5	131987	22.68	23	0-1
				1745	132322	22.33	23	0-1
				1778.5	132657	21.71	23	0-1
			14	1711.5	131987	22.07	23	0-1
				1745	132322	22.29	23	0-1
				1778.5	132657	22.00	23	0-1
		8 RB	0	1711.5	131987	21.03	22	0-2
				1745	132322	20.98	22	0-2
				1778.5	132657	21.08	22	0-2
			4	1711.5	131987	20.93	22	0-2
				1745	132322	20.95	22	0-2
				1778.5	132657	20.84	22	0-2
			7	1711.5	131987	20.94	22	0-2
				1745	132322	20.89	22	0-2
				1778.5	132657	20.91	22	0-2
		15RB		1711.5	131987	21.10	22	0-2
				1745	132322	21.06	22	0-2
				1778.5	132657	21.08	22	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	22.86	24	0
				1745	132322	22.98	24	0
				1779.3	132665	22.91	24	0
			2	1710.7	131979	22.92	24	0
				1745	132322	23.00	24	0
				1779.3	132665	22.90	24	0
			5	1710.7	131979	22.95	24	0
				1745	132322	22.97	24	0
				1779.3	132665	22.83	24	0
		3 RB	0	1710.7	131979	22.96	23	0
				1745	132322	22.99	23	0
				1779.3	132665	22.87	23	0
			2	1710.7	131979	22.85	23	0
				1745	132322	22.92	23	0
				1779.3	132665	22.84	23	0
			3	1710.7	131979	22.92	23	0
				1745	132322	22.95	23	0
				1779.3	132665	22.85	23	0
		6RB		1710.7	131979	21.94	23	0-1
				1745	132322	22.05	23	0-1
				1779.3	132665	21.85	23	0-1
	16-QAM	1 RB	0	1710.7	131979	22.21	23	0-1
				1745	132322	22.29	23	0-1
				1779.3	132665	22.23	23	0-1
			2	1710.7	131979	22.28	23	0-1
				1745	132322	22.39	23	0-1
				1779.3	132665	21.91	23	0-1
			5	1710.7	131979	22.30	23	0-1
				1745	132322	22.75	23	0-1
				1779.3	132665	22.27	23	0-1
		3 RB	0	1710.7	131979	21.92	22	0-1
				1745	132322	21.91	22	0-1
				1779.3	132665	21.85	22	0-1
			2	1710.7	131979	21.99	22	0-1
				1745	132322	21.90	22	0-1
				1779.3	132665	21.96	22	0-1
			3	1710.7	131979	21.94	22	0-1
				1745	132322	21.92	22	0-1
				1779.3	132665	21.81	22	0-1
		6RB		1710.7	131979	21.17	22	0-2
				1745	132322	21.02	22	0-2
				1779.3	132665	21.01	22	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	22.45	23	0-1
				1745	132322	22.33	23	0-1
				1779.3	132665	22.23	23	0-1
			2	1710.7	131979	22.65	23	0-1
				1745	132322	22.34	23	0-1
				1779.3	132665	21.79	23	0-1
			5	1710.7	131979	22.06	23	0-1
				1745	132322	22.31	23	0-1
				1779.3	132665	21.90	23	0-1
		3 RB	0	1710.7	131979	20.89	22	0-1
				1745	132322	21.11	22	0-1
				1779.3	132665	21.05	22	0-1
			2	1710.7	131979	20.94	22	0-1
				1745	132322	20.87	22	0-1
				1779.3	132665	21.03	22	0-1
			3	1710.7	131979	20.89	22	0-1
				1745	132322	20.80	22	0-1
				1779.3	132665	20.78	22	0-1
		6RB		1710.7	131979	20.91	22	0-2
				1745	132322	21.09	22	0-2
				1779.3	132665	21.03	22	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	23.38	24	0
				2595	38000	23.39	24	0
				2610	38150	23.55	24	0
			50	2580	37850	23.35	24	0
				2595	38000	23.51	24	0
				2610	38150	23.57	24	0
			99	2580	37850	23.37	24	0
				2595	38000	23.45	24	0
				2610	38150	23.77	24	0
		50 RB	0	2580	37850	22.08	23	0-1
				2595	38000	22.01	23	0-1
				2610	38150	22.33	23	0-1
			25	2580	37850	22.05	23	0-1
				2595	38000	22.11	23	0-1
				2610	38150	22.45	23	0-1
			50	2580	37850	22.05	23	0-1
				2595	38000	22.15	23	0-1
				2610	38150	22.51	23	0-1
		100RB		2580	37850	22.05	23	0-1
				2595	38000	22.08	23	0-1
				2610	38150	22.44	23	0-1
	16-QAM	1 RB	0	2580	37850	22.16	23	0-1
				2595	38000	22.18	23	0-1
				2610	38150	22.82	23	0-1
			50	2580	37850	22.03	23	0-1
				2595	38000	22.12	23	0-1
				2610	38150	22.51	23	0-1
			99	2580	37850	22.07	23	0-1
				2595	38000	22.08	23	0-1
				2610	38150	22.82	23	0-1
		50 RB	0	2580	37850	21.05	22	0-2
				2595	38000	21.07	22	0-2
				2610	38150	21.28	22	0-2
			25	2580	37850	21.07	22	0-2
				2595	38000	21.08	22	0-2
				2610	38150	21.40	22	0-2
			50	2580	37850	21.06	22	0-2
				2595	38000	21.13	22	0-2
				2610	38150	21.51	22	0-2
		100RB		2580	37850	21.06	22	0-2
				2595	38000	21.10	22	0-2
				2610	38150	21.41	22	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	22.10	23	0-1
				2595	38000	22.10	23	0-1
				2610	38150	22.66	23	0-1
			50	2580	37850	22.29	23	0-1
				2595	38000	22.19	23	0-1
				2610	38150	22.94	23	0-1
			99	2580	37850	22.22	23	0-1
				2595	38000	22.78	23	0-1
				2610	38150	22.96	23	0-1
		50 RB	0	2580	37850	21.16	22	0-2
				2595	38000	21.22	22	0-2
				2610	38150	21.74	22	0-2
			25	2580	37850	21.15	22	0-2
				2595	38000	21.18	22	0-2
				2610	38150	21.67	22	0-2
			50	2580	37850	21.28	22	0-2
				2595	38000	21.19	22	0-2
				2610	38150	21.54	22	0-2
		100RB		2580	37850	21.16	22	0-2
				2595	38000	21.17	22	0-2
				2610	38150	21.62	22	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	23.13	24	0
				2595	38000	23.21	24	0
				2612.5	38175	23.29	24	0
			36	2577.5	37825	23.06	24	0
				2595	38000	23.14	24	0
				2612.5	38175	23.59	24	0
			74	2577.5	37825	23.04	24	0
				2595	38000	23.20	24	0
				2612.5	38175	23.78	24	0
		36 RB	0	2577.5	37825	22.01	23	0-1
				2595	38000	22.14	23	0-1
				2612.5	38175	22.49	23	0-1
			18	2577.5	37825	22.02	23	0-1
				2595	38000	22.22	23	0-1
				2612.5	38175	22.54	23	0-1
			37	2577.5	37825	22.06	23	0-1
				2595	38000	22.24	23	0-1
				2612.5	38175	22.57	23	0-1
		75RB		2577.5	37825	22.09	23	0-1
				2595	38000	22.17	23	0-1
				2612.5	38175	22.50	23	0-1
	16-QAM	1 RB	0	2577.5	37825	22.06	23	0-1
				2595	38000	22.22	23	0-1
				2612.5	38175	22.70	23	0-1
			36	2577.5	37825	22.35	23	0-1
				2595	38000	22.08	23	0-1
				2612.5	38175	22.74	23	0-1
			74	2577.5	37825	22.14	23	0-1
				2595	38000	22.09	23	0-1
				2612.5	38175	22.28	23	0-1
		36 RB	0	2577.5	37825	21.13	22	0-2
				2595	38000	21.22	22	0-2
				2612.5	38175	21.47	22	0-2
			18	2577.5	37825	21.08	22	0-2
				2595	38000	21.22	22	0-2
				2612.5	38175	21.57	22	0-2
			37	2577.5	37825	21.05	22	0-2
				2595	38000	21.23	22	0-2
				2612.5	38175	21.52	22	0-2
		75RB		2577.5	37825	21.05	22	0-2
				2595	38000	21.17	22	0-2
				2612.5	38175	21.42	22	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	22.25	23	0-1
				2595	38000	22.14	23	0-1
				2612.5	38175	22.58	23	0-1
			36	2577.5	37825	22.13	23	0-1
				2595	38000	22.17	23	0-1
				2612.5	38175	22.90	23	0-1
			74	2577.5	37825	22.10	23	0-1
				2595	38000	22.66	23	0-1
				2612.5	38175	22.82	23	0-1
		36 RB	0	2577.5	37825	21.28	22	0-2
				2595	38000	21.15	22	0-2
				2612.5	38175	21.74	22	0-2
			18	2577.5	37825	21.19	22	0-2
				2595	38000	21.29	22	0-2
				2612.5	38175	21.66	22	0-2
			37	2577.5	37825	21.14	22	0-2
				2595	38000	21.26	22	0-2
				2612.5	38175	21.66	22	0-2
		75RB		2577.5	37825	21.05	22	0-2
				2595	38000	21.22	22	0-2
				2612.5	38175	21.67	22	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	23.21	24	0
				2595	38000	23.07	24	0
				2615	38200	23.54	24	0
			25	2575	37800	23.08	24	0
				2595	38000	23.07	24	0
				2615	38200	23.75	24	0
			49	2575	37800	23.08	24	0
				2595	38000	23.31	24	0
				2615	38200	23.54	24	0
		25 RB	0	2575	37800	22.07	23	0-1
				2595	38000	22.21	23	0-1
				2615	38200	22.60	23	0-1
			12	2575	37800	22.02	23	0-1
				2595	38000	22.22	23	0-1
				2615	38200	22.62	23	0-1
			25	2575	37800	22.03	23	0-1
				2595	38000	22.21	23	0-1
				2615	38200	22.72	23	0-1
		50RB		2575	37800	22.09	23	0-1
				2595	38000	22.19	23	0-1
				2615	38200	22.59	23	0-1
	16-QAM	1 RB	0	2575	37800	22.32	23	0-1
				2595	38000	22.55	23	0-1
				2615	38200	22.64	23	0-1
			25	2575	37800	22.04	23	0-1
				2595	38000	22.55	23	0-1
				2615	38200	22.23	23	0-1
			49	2575	37800	22.08	23	0-1
				2595	38000	22.22	23	0-1
				2615	38200	22.82	23	0-1
		25 RB	0	2575	37800	21.16	22	0-2
				2595	38000	21.14	22	0-2
				2615	38200	21.50	22	0-2
			12	2575	37800	21.06	22	0-2
				2595	38000	21.16	22	0-2
				2615	38200	21.53	22	0-2
			25	2575	37800	21.05	22	0-2
				2595	38000	21.21	22	0-2
				2615	38200	21.67	22	0-2
		50RB		2575	37800	21.00	22	0-2
				2595	38000	21.12	22	0-2
				2615	38200	21.50	22	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	22.11	23	0-1
				2595	38000	22.22	23	0-1
				2615	38200	22.59	23	0-1
			25	2575	37800	22.22	23	0-1
				2595	38000	22.18	23	0-1
				2615	38200	22.99	23	0-1
			49	2575	37800	22.05	23	0-1
				2595	38000	22.69	23	0-1
				2615	38200	22.76	23	0-1
		25 RB	0	2575	37800	21.26	22	0-2
				2595	38000	21.26	22	0-2
				2615	38200	21.76	22	0-2
			12	2575	37800	21.14	22	0-2
				2595	38000	21.22	22	0-2
				2615	38200	21.61	22	0-2
			25	2575	37800	21.08	22	0-2
				2595	38000	21.28	22	0-2
				2615	38200	21.58	22	0-2
		50RB		2575	37800	21.16	22	0-2
				2595	38000	21.11	22	0-2
				2615	38200	21.58	22	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	23.02	24	0
				2595	38000	23.08	24	0
				2617.5	38225	23.53	24	0
			12	2572.5	37775	23.10	24	0
				2595	38000	23.07	24	0
				2617.5	38225	23.55	24	0
			24	2572.5	37775	23.08	24	0
				2595	38000	23.27	24	0
				2617.5	38225	23.62	24	0
		12 RB	0	2572.5	37775	22.01	23	0-1
				2595	38000	22.17	23	0-1
				2617.5	38225	22.69	23	0-1
			6	2572.5	37775	22.02	23	0-1
				2595	38000	22.20	23	0-1
				2617.5	38225	22.67	23	0-1
			13	2572.5	37775	22.03	23	0-1
				2595	38000	22.19	23	0-1
				2617.5	38225	22.68	23	0-1
		25RB		2572.5	37775	22.02	23	0-1
				2595	38000	22.18	23	0-1
				2617.5	38225	22.65	23	0-1
	16-QAM	1 RB	0	2572.5	37775	22.09	23	0-1
				2595	38000	22.03	23	0-1
				2617.5	38225	22.56	23	0-1
			12	2572.5	37775	22.12	23	0-1
				2595	38000	22.03	23	0-1
				2617.5	38225	22.92	23	0-1
			24	2572.5	37775	22.02	23	0-1
				2595	38000	22.59	23	0-1
				2617.5	38225	22.76	23	0-1
		12 RB	0	2572.5	37775	21.09	22	0-2
				2595	38000	21.09	22	0-2
				2617.5	38225	21.57	22	0-2
			6	2572.5	37775	21.13	22	0-2
				2595	38000	21.15	22	0-2
				2617.5	38225	21.57	22	0-2
			13	2572.5	37775	21.08	22	0-2
				2595	38000	21.15	22	0-2
				2617.5	38225	21.52	22	0-2
		25RB		2572.5	37775	21.03	22	0-2
				2595	38000	21.07	22	0-2
				2617.5	38225	21.54	22	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	22.26	23	0-1
				2595	38000	22.19	23	0-1
				2617.5	38225	22.59	23	0-1
			12	2572.5	37775	22.23	23	0-1
				2595	38000	22.16	23	0-1
				2617.5	38225	22.98	23	0-1
			24	2572.5	37775	22.04	23	0-1
				2595	38000	22.64	23	0-1
				2617.5	38225	22.93	23	0-1
		12 RB	0	2572.5	37775	21.25	22	0-2
				2595	38000	21.12	22	0-2
				2617.5	38225	21.62	22	0-2
			6	2572.5	37775	21.15	22	0-2
				2595	38000	21.29	22	0-2
				2617.5	38225	21.59	22	0-2
			13	2572.5	37775	21.28	22	0-2
				2595	38000	21.17	22	0-2
				2617.5	38225	21.53	22	0-2
		25RB		2572.5	37775	21.06	22	0-2
				2595	38000	21.11	22	0-2
				2617.5	38225	21.60	22	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	23.07	24	0
				2549.5	40185	22.76	24	0
				2593	40620	22.55	24	0
				2636.5	41055	23.44	24	0
				2680	41490	23.83	24	0
			50	2506	39750	23.03	24	0
				2549.5	40185	22.56	24	0
				2593	40620	22.56	24	0
				2636.5	41055	23.72	24	0
				2680	41490	23.56	24	0
			99	2506	39750	22.71	24	0
				2549.5	40185	22.52	24	0
				2593	40620	22.74	24	0
				2636.5	41055	23.44	24	0
				2680	41490	23.51	24	0
		50 RB	0	2506	39750	22.95	23	0-1
				2549.5	40185	22.60	23	0-1
				2593	40620	22.60	23	0-1
				2636.5	41055	22.97	23	0-1
				2680	41490	22.57	23	0-1
			25	2506	39750	22.95	23	0-1
				2549.5	40185	22.54	23	0-1
				2593	40620	22.64	23	0-1
				2636.5	41055	22.51	23	0-1
				2680	41490	22.92	23	0-1
			50	2506	39750	22.88	23	0-1
				2549.5	40185	22.54	23	0-1
				2593	40620	22.67	23	0-1
				2636.5	41055	22.91	23	0-1
				2680	41490	22.90	23	0-1
		100RB		2506	39750	22.98	23	0-1
				2549.5	40185	22.54	23	0-1
				2593	40620	22.64	23	0-1
				2636.5	41055	22.91	23	0-1
				2680	41490	22.95	23	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	22.97	23	0-1
				2549.5	40185	22.83	23	0-1
				2593	40620	22.71	23	0-1
				2636.5	41055	22.96	23	0-1
				2680	41490	22.90	23	0-1
			50	2506	39750	22.99	23	0-1
				2549.5	40185	22.71	23	0-1
				2593	40620	22.55	23	0-1
				2636.5	41055	22.95	23	0-1
				2680	41490	22.94	23	0-1
			99	2506	39750	22.96	23	0-1
				2549.5	40185	22.83	23	0-1
				2593	40620	22.97	23	0-1
				2636.5	41055	22.98	23	0-1
				2680	41490	22.90	23	0-1
		50 RB	0	2506	39750	21.86	22	0-2
				2549.5	40185	21.31	22	0-2
				2593	40620	21.31	22	0-2
				2636.5	41055	21.97	22	0-2
				2680	41490	21.98	22	0-2
			25	2506	39750	21.69	22	0-2
				2549.5	40185	21.15	22	0-2
				2593	40620	21.38	22	0-2
				2636.5	41055	21.99	22	0-2
				2680	41490	21.95	22	0-2
			50	2506	39750	21.59	22	0-2
				2549.5	40185	21.23	22	0-2
				2593	40620	21.36	22	0-2
				2636.5	41055	21.98	22	0-2
				2680	41490	21.91	22	0-2
		100RB		2506	39750	21.68	22	0-2
				2549.5	40185	21.17	22	0-2
				2593	40620	21.32	22	0-2
				2636.5	41055	21.91	22	0-2
				2680	41490	21.93	22	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	22.92	23	0-1
				2549.5	40185	22.91	23	0-1
				2593	40620	22.72	23	0-1
				2636.5	41055	22.96	23	0-1
				2680	41490	22.93	23	0-1
			50	2506	39750	22.91	23	0-1
				2549.5	40185	22.98	23	0-1
				2593	40620	22.68	23	0-1
				2636.5	41055	22.98	23	0-1
				2680	41490	22.99	23	0-1
			99	2506	39750	22.99	23	0-1
				2549.5	40185	22.80	23	0-1
				2593	40620	22.99	23	0-1
				2636.5	41055	22.96	23	0-1
				2680	41490	22.90	23	0-1
		50 RB	0	2506	39750	21.70	22	0-2
				2549.5	40185	21.31	22	0-2
				2593	40620	21.40	22	0-2
				2636.5	41055	21.34	22	0-2
				2680	41490	21.48	22	0-2
			25	2506	39750	20.78	22	0-2
				2549.5	40185	20.37	22	0-2
				2593	40620	20.37	22	0-2
				2636.5	41055	21.31	22	0-2
				2680	41490	21.49	22	0-2
			50	2506	39750	20.84	22	0-2
				2549.5	40185	20.55	22	0-2
				2593	40620	20.47	22	0-2
				2636.5	41055	21.40	22	0-2
				2680	41490	21.44	22	0-2
		100RB		2506	39750	20.86	22	0-2
				2549.5	40185	20.44	22	0-2
				2593	40620	20.50	22	0-2
				2636.5	41055	21.41	22	0-2
				2680	41490	21.39	22	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	23.19	24	0
				2548.3	40173	22.82	24	0
				2593	40620	22.60	24	0
				2637.8	41068	23.36	24	0
				2682.5	41515	23.69	24	0
			36	2503.5	39725	23.09	24	0
				2548.3	40173	22.72	24	0
				2593	40620	22.65	24	0
				2637.8	41068	23.64	24	0
				2682.5	41515	23.65	24	0
			74	2503.5	39725	23.04	24	0
				2548.3	40173	22.64	24	0
				2593	40620	22.84	24	0
				2637.8	41068	23.48	24	0
				2682.5	41515	23.60	24	0
		36 RB	0	2503.5	39725	22.69	23	0-1
				2548.3	40173	22.08	23	0-1
				2593	40620	22.09	23	0-1
				2637.8	41068	22.83	23	0-1
				2682.5	41515	22.84	23	0-1
			18	2503.5	39725	22.57	23	0-1
				2548.3	40173	22.10	23	0-1
				2593	40620	22.18	23	0-1
				2637.8	41068	22.84	23	0-1
				2682.5	41515	22.84	23	0-1
			37	2503.5	39725	22.46	23	0-1
				2548.3	40173	22.03	23	0-1
				2593	40620	22.16	23	0-1
				2637.8	41068	22.80	23	0-1
				2682.5	41515	22.88	23	0-1
		75RB		2503.5	39725	22.54	23	0-1
				2548.3	40173	22.07	23	0-1
				2593	40620	22.13	23	0-1
				2637.8	41068	22.88	23	0-1
				2682.5	41515	22.88	23	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	22.06	23	0-1
				2548.3	40173	21.47	23	0-1
				2593	40620	21.93	23	0-1
				2637.8	41068	21.72	23	0-1
				2682.5	41515	22.58	23	0-1
			36	2503.5	39725	22.32	23	0-1
				2548.3	40173	21.90	23	0-1
				2593	40620	21.88	23	0-1
				2637.8	41068	22.76	23	0-1
				2682.5	41515	22.86	23	0-1
			74	2503.5	39725	22.07	23	0-1
				2548.3	40173	21.75	23	0-1
				2593	40620	22.00	23	0-1
				2637.8	41068	22.81	23	0-1
				2682.5	41515	22.81	23	0-1
		36 RB	0	2503.5	39725	21.36	22	0-2
				2548.3	40173	20.79	22	0-2
				2593	40620	20.76	22	0-2
				2637.8	41068	21.42	22	0-2
				2682.5	41515	21.48	22	0-2
			18	2503.5	39725	21.20	22	0-2
				2548.3	40173	20.80	22	0-2
				2593	40620	20.82	22	0-2
				2637.8	41068	21.43	22	0-2
				2682.5	41515	21.40	22	0-2
			37	2503.5	39725	21.19	22	0-2
				2548.3	40173	20.67	22	0-2
				2593	40620	20.86	22	0-2
				2637.8	41068	21.44	22	0-2
				2682.5	41515	21.48	22	0-2
		75RB		2503.5	39725	21.17	22	0-2
				2548.3	40173	20.72	22	0-2
				2593	40620	20.72	22	0-2
				2637.8	41068	21.46	22	0-2
				2682.5	41515	21.45	22	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	64-QAM	1 RB	0	2503.5	39725	22.13	23	0-1
				2548.3	40173	21.89	23	0-1
				2593	40620	21.61	23	0-1
				2637.8	41068	22.33	23	0-1
				2682.5	41515	22.45	23	0-1
			36	2503.5	39725	22.10	23	0-1
				2548.3	40173	21.45	23	0-1
				2593	40620	21.78	23	0-1
				2637.8	41068	22.36	23	0-1
				2682.5	41515	22.35	23	0-1
			74	2503.5	39725	21.98	23	0-1
				2548.3	40173	21.91	23	0-1
				2593	40620	21.45	23	0-1
				2637.8	41068	22.25	23	0-1
				2682.5	41515	22.15	23	0-1
		36 RB	0	2503.5	39725	21.73	22	0-2
				2548.3	40173	21.43	22	0-2
				2593	40620	21.38	22	0-2
				2637.8	41068	21.82	22	0-2
				2682.5	41515	21.94	22	0-2
			18	2503.5	39725	21.27	22	0-2
				2548.3	40173	20.86	22	0-2
				2593	40620	20.94	22	0-2
				2637.8	41068	21.81	22	0-2
				2682.5	41515	21.89	22	0-2
			37	2503.5	39725	21.27	22	0-2
				2548.3	40173	21.01	22	0-2
				2593	40620	20.96	22	0-2
				2637.8	41068	21.66	22	0-2
				2682.5	41515	21.88	22	0-2
		75RB		2503.5	39725	21.16	22	0-2
				2548.3	40173	20.84	22	0-2
				2593	40620	20.87	22	0-2
				2637.8	41068	21.72	22	0-2
				2682.5	41515	21.88	22	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	23.12	24	0
				2547	40160	22.76	24	0
				2593	40620	22.63	24	0
				2639	41080	23.57	24	0
				2685	41540	23.82	24	0
			25	2501	39700	22.96	24	0
				2547	40160	22.60	24	0
				2593	40620	22.64	24	0
				2639	41080	23.74	24	0
				2685	41540	23.67	24	0
			49	2501	39700	22.83	24	0
				2547	40160	22.52	24	0
				2593	40620	22.59	24	0
				2639	41080	23.49	24	0
				2685	41540	23.64	24	0
		25 RB	0	2501	39700	22.57	23	0-1
				2547	40160	22.01	23	0-1
				2593	40620	22.03	23	0-1
				2639	41080	22.84	23	0-1
				2685	41540	22.86	23	0-1
			12	2501	39700	22.45	23	0-1
				2547	40160	22.00	23	0-1
				2593	40620	22.09	23	0-1
				2639	41080	22.85	23	0-1
				2685	41540	22.87	23	0-1
			25	2501	39700	22.45	23	0-1
				2547	40160	21.95	23	0-1
				2593	40620	22.11	23	0-1
				2639	41080	22.82	23	0-1
				2685	41540	22.86	23	0-1
		50RB		2501	39700	22.44	23	0-1
				2547	40160	21.96	23	0-1
				2593	40620	22.05	23	0-1
				2639	41080	22.83	23	0-1
				2685	41540	22.83	23	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	22.82	23	0-1
				2547	40160	22.41	23	0-1
				2593	40620	22.07	23	0-1
				2639	41080	22.82	23	0-1
				2685	41540	22.83	23	0-1
			25	2501	39700	22.66	23	0-1
				2547	40160	22.21	23	0-1
				2593	40620	22.09	23	0-1
				2639	41080	22.83	23	0-1
				2685	41540	22.84	23	0-1
			49	2501	39700	22.44	23	0-1
				2547	40160	22.49	23	0-1
				2593	40620	22.04	23	0-1
				2639	41080	22.81	23	0-1
				2685	41540	22.84	23	0-1
		25 RB	0	2501	39700	21.93	22	0-2
				2547	40160	21.45	22	0-2
				2593	40620	21.40	22	0-2
				2639	41080	21.99	22	0-2
				2685	41540	21.95	22	0-2
			12	2501	39700	21.33	22	0-2
				2547	40160	21.00	22	0-2
				2593	40620	20.95	22	0-2
				2639	41080	21.88	22	0-2
				2685	41540	21.89	22	0-2
			25	2501	39700	21.35	22	0-2
				2547	40160	20.82	22	0-2
				2593	40620	21.07	22	0-2
				2639	41080	21.89	22	0-2
				2685	41540	21.96	22	0-2
		50RB		2501	39700	21.23	22	0-2
				2547	40160	20.79	22	0-2
				2593	40620	20.86	22	0-2
				2639	41080	21.88	22	0-2
				2685	41540	21.91	22	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	22.57	23	0-1
				2547	40160	22.35	23	0-1
				2593	40620	22.15	23	0-1
				2639	41080	22.73	23	0-1
				2685	41540	22.90	23	0-1
			25	2501	39700	22.56	23	0-1
				2547	40160	22.02	23	0-1
				2593	40620	22.22	23	0-1
				2639	41080	22.75	23	0-1
				2685	41540	22.84	23	0-1
			49	2501	39700	22.47	23	0-1
				2547	40160	22.38	23	0-1
				2593	40620	21.87	23	0-1
				2639	41080	22.90	23	0-1
				2685	41540	22.73	23	0-1
		25 RB	0	2501	39700	21.70	22	0-2
				2547	40160	21.48	22	0-2
				2593	40620	21.35	22	0-2
				2639	41080	21.81	22	0-2
				2685	41540	21.93	22	0-2
			12	2501	39700	21.33	22	0-2
				2547	40160	20.94	22	0-2
				2593	40620	20.86	22	0-2
				2639	41080	21.79	22	0-2
				2685	41540	21.85	22	0-2
			25	2501	39700	21.34	22	0-2
				2547	40160	21.01	22	0-2
				2593	40620	20.82	22	0-2
				2639	41080	21.78	22	0-2
				2685	41540	21.90	22	0-2
		50RB		2501	39700	21.24	22	0-2
				2547	40160	20.92	22	0-2
				2593	40620	20.91	22	0-2
				2639	41080	21.77	22	0-2
				2685	41540	21.92	22	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	23.21	24	0
				2547.8	40148	22.74	24	0
				2593	40620	22.64	24	0
				2640.3	41093	23.46	24	0
				2687.5	41565	23.65	24	0
			12	2498.5	39675	23.09	24	0
				2547.8	40148	22.55	24	0
				2593	40620	22.53	24	0
				2640.3	41093	23.52	24	0
				2687.5	41565	23.61	24	0
			24	2498.5	39675	22.87	24	0
				2547.8	40148	22.59	24	0
				2593	40620	22.53	24	0
				2640.3	41093	23.45	24	0
				2687.5	41565	23.73	24	0
		12 RB	0	2498.5	39675	22.99	23	0-1
				2547.8	40148	22.60	23	0-1
				2593	40620	22.66	23	0-1
				2640.3	41093	22.95	23	0-1
				2687.5	41565	22.92	23	0-1
			6	2498.5	39675	22.51	23	0-1
				2547.8	40148	22.11	23	0-1
				2593	40620	22.13	23	0-1
				2640.3	41093	22.96	23	0-1
				2687.5	41565	22.90	23	0-1
			13	2498.5	39675	22.53	23	0-1
				2547.8	40148	22.11	23	0-1
				2593	40620	22.14	23	0-1
				2640.3	41093	22.97	23	0-1
				2687.5	41565	22.90	23	0-1
		25RB		2498.5	39675	22.57	23	0-1
				2547.8	40148	22.09	23	0-1
				2593	40620	22.18	23	0-1
				2640.3	41093	22.98	23	0-1
				2687.5	41565	22.93	23	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	22.68	23	0-1
				2547.8	40148	22.54	23	0-1
				2593	40620	22.23	23	0-1
				2640.3	41093	22.90	23	0-1
				2687.5	41565	22.98	23	0-1
			12	2498.5	39675	22.69	23	0-1
				2547.8	40148	22.12	23	0-1
				2593	40620	22.29	23	0-1
				2640.3	41093	22.93	23	0-1
				2687.5	41565	22.91	23	0-1
			24	2498.5	39675	22.63	23	0-1
				2547.8	40148	22.48	23	0-1
				2593	40620	21.96	23	0-1
				2640.3	41093	22.93	23	0-1
				2687.5	41565	22.80	23	0-1
		12 RB	0	2498.5	39675	21.39	22	0-2
				2547.8	40148	21.00	22	0-2
				2593	40620	20.96	22	0-2
				2640.3	41093	21.90	22	0-2
				2687.5	41565	21.97	22	0-2
			6	2498.5	39675	21.41	22	0-2
				2547.8	40148	21.00	22	0-2
				2593	40620	20.98	22	0-2
				2640.3	41093	21.87	22	0-2
				2687.5	41565	21.94	22	0-2
			13	2498.5	39675	21.36	22	0-2
				2547.8	40148	21.02	22	0-2
				2593	40620	20.99	22	0-2
				2640.3	41093	21.85	22	0-2
				2687.5	41565	21.95	22	0-2
		25RB		2498.5	39675	21.35	22	0-2
				2547.8	40148	20.97	22	0-2
				2593	40620	21.04	22	0-2
				2640.3	41093	21.86	22	0-2
				2687.5	41565	21.99	22	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	0-1
				2547.8	40148	22.52	23	0-1
				2593	40620	22.09	23	0-1
				2640.3	41093	22.88	23	0-1
				2687.5	41565	22.96	23	0-1
			12	2498.5	39675	22.67	23	0-1
				2547.8	40148	22.07	23	0-1
				2593	40620	22.11	23	0-1
				2640.3	41093	22.88	23	0-1
				2687.5	41565	22.75	23	0-1
			24	2498.5	39675	22.62	23	0-1
				2547.8	40148	22.36	23	0-1
				2593	40620	21.91	23	0-1
				2640.3	41093	22.77	23	0-1
				2687.5	41565	22.60	23	0-1
		12 RB	0	2498.5	39675	21.38	22	0-2
				2547.8	40148	20.97	22	0-2
				2593	40620	20.84	22	0-2
				2640.3	41093	21.71	22	0-2
				2687.5	41565	21.95	22	0-2
			6	2498.5	39675	21.40	22	0-2
				2547.8	40148	20.96	22	0-2
				2593	40620	20.83	22	0-2
				2640.3	41093	21.82	22	0-2
				2687.5	41565	21.93	22	0-2
			13	2498.5	39675	21.20	22	0-2
				2547.8	40148	20.92	22	0-2
				2593	40620	20.98	22	0-2
				2640.3	41093	21.67	22	0-2
				2687.5	41565	21.95	22	0-2
		25RB		2498.5	39675	21.16	22	0-2
				2547.8	40148	20.86	22	0-2
				2593	40620	20.86	22	0-2
				2640.3	41093	21.71	22	0-2
				2687.5	41565	21.94	22	0-2

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LTE FDD Band 2 / Band 4 / Band 5 / Band 7 / Band 12 / Band 13 / Band 14 / Band 17 / Band 25 / Band 26 / Band 30 / 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	16.96	17	0
				1880	18900	16.87	17	0
				1900	19100	16.69	17	0
			50	1860	18700	16.53	17	0
				1880	18900	16.48	17	0
				1900	19100	16.24	17	0
			99	1860	18700	16.37	17	0
				1880	18900	16.33	17	0
				1900	19100	16.54	17	0
		50 RB	0	1860	18700	16.70	17	0
				1880	18900	16.62	17	0
				1900	19100	16.25	17	0
			25	1860	18700	16.61	17	0
				1880	18900	16.45	17	0
				1900	19100	16.29	17	0
			50	1860	18700	16.47	17	0
				1880	18900	16.28	17	0
				1900	19100	16.44	17	0
		100RB		1860	18700	16.70	17	0
				1880	18900	16.49	17	0
				1900	19100	16.37	17	0
	16-QAM	1 RB	0	1860	18700	16.77	17	0
				1880	18900	16.88	17	0
				1900	19100	16.46	17	0
			50	1860	18700	16.40	17	0
				1880	18900	16.46	17	0
				1900	19100	16.44	17	0
			99	1860	18700	16.79	17	0
				1880	18900	16.61	17	0
				1900	19100	16.62	17	0
		50 RB	0	1860	18700	16.69	17	0
				1880	18900	16.54	17	0
				1900	19100	16.21	17	0
			25	1860	18700	16.50	17	0
				1880	18900	16.39	17	0
				1900	19100	16.30	17	0
			50	1860	18700	16.57	17	0
				1880	18900	16.23	17	0
				1900	19100	16.43	17	0
		100RB		1860	18700	16.66	17	0
				1880	18900	16.50	17	0
				1900	19100	16.31	17	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	16.72	17	0
				1880	18900	16.88	17	0
				1900	19100	16.40	17	0
			50	1860	18700	16.40	17	0
				1880	18900	16.38	17	0
				1900	19100	16.41	17	0
			99	1860	18700	16.69	17	0
				1880	18900	16.53	17	0
				1900	19100	16.53	17	0
		50 RB	0	1860	18700	16.61	17	0
				1880	18900	16.44	17	0
				1900	19100	16.19	17	0
			25	1860	18700	16.43	17	0
				1880	18900	16.39	17	0
				1900	19100	16.25	17	0
			50	1860	18700	16.55	17	0
				1880	18900	16.15	17	0
				1900	19100	16.40	17	0
		100RB		1860	18700	16.66	17	0
				1880	18900	16.44	17	0
				1900	19100	16.26	17	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	QPSK	1 RB	0	1857.5	18675	16.43	17	0
				1880	18900	16.47	17	0
				1902.5	19125	16.28	17	0
			36	1857.5	18675	16.67	17	0
				1880	18900	16.58	17	0
				1902.5	19125	16.48	17	0
			74	1857.5	18675	16.48	17	0
				1880	18900	16.39	17	0
				1902.5	19125	16.47	17	0
		36 RB	0	1857.5	18675	16.68	17	0
				1880	18900	16.58	17	0
				1902.5	19125	16.18	17	0
			18	1857.5	18675	16.60	17	0
				1880	18900	16.46	17	0
				1902.5	19125	16.36	17	0
			37	1857.5	18675	16.52	17	0
				1880	18900	16.40	17	0
				1902.5	19125	16.50	17	0
		75RB		1857.5	18675	16.64	17	0
				1880	18900	16.48	17	0
				1902.5	19125	16.43	17	0
	16-QAM	1 RB	0	1857.5	18675	16.83	17	0
				1880	18900	16.47	17	0
				1902.5	19125	16.58	17	0
			36	1857.5	18675	16.77	17	0
				1880	18900	16.82	17	0
				1902.5	19125	16.51	17	0
			74	1857.5	18675	16.59	17	0
				1880	18900	16.09	17	0
				1902.5	19125	16.14	17	0
		36 RB	0	1857.5	18675	16.65	17	0
				1880	18900	16.51	17	0
				1902.5	19125	16.21	17	0
			18	1857.5	18675	16.55	17	0
				1880	18900	16.42	17	0
				1902.5	19125	16.38	17	0
			37	1857.5	18675	16.63	17	0
				1880	18900	16.29	17	0
				1902.5	19125	16.47	17	0
		75RB		1857.5	18675	16.55	17	0
				1880	18900	16.43	17	0
				1902.5	19125	16.32	17	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	16.79	17	0
				1880	18900	16.43	17	0
				1902.5	19125	16.53	17	0
			36	1857.5	18675	16.71	17	0
				1880	18900	16.78	17	0
				1902.5	19125	16.43	17	0
			74	1857.5	18675	16.59	17	0
				1880	18900	16.01	17	0
				1902.5	19125	16.06	17	0
		36 RB	0	1857.5	18675	16.56	17	0
				1880	18900	16.49	17	0
				1902.5	19125	16.19	17	0
			18	1857.5	18675	16.54	17	0
				1880	18900	16.36	17	0
				1902.5	19125	16.37	17	0
			37	1857.5	18675	16.56	17	0
				1880	18900	16.28	17	0
				1902.5	19125	16.41	17	0
		75RB		1857.5	18675	16.52	17	0
				1880	18900	16.33	17	0
				1902.5	19125	16.29	17	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	16.72	17	0
				1880	18900	16.67	17	0
				1905	19150	16.20	17	0
			25	1855	18650	16.49	17	0
				1880	18900	16.40	17	0
				1905	19150	16.56	17	0
			49	1855	18650	16.41	17	0
				1880	18900	16.24	17	0
				1905	19150	16.29	17	0
		25 RB	0	1855	18650	16.67	17	0
				1880	18900	16.48	17	0
				1905	19150	16.31	17	0
			12	1855	18650	16.64	17	0
				1880	18900	16.49	17	0
				1905	19150	16.48	17	0
			25	1855	18650	16.58	17	0
				1880	18900	16.36	17	0
				1905	19150	16.48	17	0
		50RB		1855	18650	16.69	17	0
				1880	18900	16.42	17	0
				1905	19150	16.41	17	0
	16-QAM	1 RB	0	1855	18650	16.50	17	0
				1880	18900	16.94	17	0
				1905	19150	16.54	17	0
			25	1855	18650	16.69	17	0
				1880	18900	16.47	17	0
				1905	19150	16.69	17	0
			49	1855	18650	16.85	17	0
				1880	18900	16.33	17	0
				1905	19150	16.54	17	0
		25 RB	0	1855	18650	16.66	17	0
				1880	18900	16.55	17	0
				1905	19150	16.40	17	0
			12	1855	18650	16.59	17	0
				1880	18900	16.44	17	0
				1905	19150	16.42	17	0
			25	1855	18650	16.62	17	0
				1880	18900	16.39	17	0
				1905	19150	16.44	17	0
		50RB		1855	18650	16.64	17	0
				1880	18900	16.42	17	0
				1905	19150	16.41	17	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	16.45	17	0
				1880	18900	16.88	17	0
				1905	19150	16.47	17	0
			25	1855	18650	16.66	17	0
				1880	18900	16.45	17	0
				1905	19150	16.68	17	0
			49	1855	18650	16.83	17	0
				1880	18900	16.27	17	0
				1905	19150	16.45	17	0
		25 RB	0	1855	18650	16.57	17	0
				1880	18900	16.48	17	0
				1905	19150	16.39	17	0
			12	1855	18650	16.50	17	0
				1880	18900	16.41	17	0
				1905	19150	16.42	17	0
			25	1855	18650	16.56	17	0
				1880	18900	16.36	17	0
				1905	19150	16.34	17	0
		50RB		1855	18650	16.62	17	0
				1880	18900	16.33	17	0
				1905	19150	16.34	17	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	16.63	17	0
				1880	18900	16.49	17	0
				1907.5	19175	16.40	17	0
			12	1852.5	18625	16.53	17	0
				1880	18900	16.48	17	0
				1907.5	19175	16.31	17	0
			24	1852.5	18625	16.54	17	0
				1880	18900	16.35	17	0
				1907.5	19175	16.32	17	0
		12 RB	0	1852.5	18625	16.68	17	0
				1880	18900	16.60	17	0
				1907.5	19175	16.50	17	0
			6	1852.5	18625	16.72	17	0
				1880	18900	16.61	17	0
				1907.5	19175	16.52	17	0
			13	1852.5	18625	16.73	17	0
				1880	18900	16.52	17	0
				1907.5	19175	16.50	17	0
		25RB		1852.5	18625	16.68	17	0
				1880	18900	16.47	17	0
				1907.5	19175	16.47	17	0
	16-QAM	1 RB	0	1852.5	18625	16.61	17	0
				1880	18900	16.74	17	0
				1907.5	19175	16.33	17	0
			12	1852.5	18625	16.55	17	0
				1880	18900	16.84	17	0
				1907.5	19175	16.53	17	0
			24	1852.5	18625	16.55	17	0
				1880	18900	16.74	17	0
				1907.5	19175	16.38	17	0
		12 RB	0	1852.5	18625	16.73	17	0
				1880	18900	16.46	17	0
				1907.5	19175	16.44	17	0
			6	1852.5	18625	16.65	17	0
				1880	18900	16.71	17	0
				1907.5	19175	16.36	17	0
			13	1852.5	18625	16.82	17	0
				1880	18900	16.53	17	0
				1907.5	19175	16.56	17	0
		25RB		1852.5	18625	16.70	17	0
				1880	18900	16.50	17	0
				1907.5	19175	16.48	17	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	16.58	17	0
				1880	18900	16.70	17	0
				1907.5	19175	16.31	17	0
			12	1852.5	18625	16.54	17	0
				1880	18900	16.79	17	0
				1907.5	19175	16.47	17	0
			24	1852.5	18625	16.46	17	0
				1880	18900	16.73	17	0
				1907.5	19175	16.37	17	0
		12 RB	0	1852.5	18625	16.68	17	0
				1880	18900	16.37	17	0
				1907.5	19175	16.38	17	0
			6	1852.5	18625	16.61	17	0
				1880	18900	16.69	17	0
				1907.5	19175	16.28	17	0
			13	1852.5	18625	16.81	17	0
				1880	18900	16.47	17	0
				1907.5	19175	16.47	17	0
		25RB		1852.5	18625	16.62	17	0
				1880	18900	16.48	17	0
				1907.5	19175	16.46	17	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	QPSK	1 RB	0	1851.5	18615	16.42	17	0
				1880	18900	16.44	17	0
				1908.5	19185	16.39	17	0
			7	1851.5	18615	16.52	17	0
				1880	18900	16.38	17	0
				1908.5	19185	16.34	17	0
			14	1851.5	18615	16.39	17	0
				1880	18900	16.46	17	0
				1908.5	19185	16.30	17	0
		8 RB	0	1851.5	18615	16.53	17	0
				1880	18900	16.47	17	0
				1908.5	19185	16.42	17	0
			4	1851.5	18615	16.51	17	0
				1880	18900	16.46	17	0
				1908.5	19185	16.39	17	0
			7	1851.5	18615	16.59	17	0
				1880	18900	16.43	17	0
				1908.5	19185	16.34	17	0
		15RB		1851.5	18615	16.55	17	0
				1880	18900	16.42	17	0
				1908.5	19185	16.37	17	0
	16-QAM	1 RB	0	1851.5	18615	16.82	17	0
				1880	18900	16.81	17	0
				1908.5	19185	16.40	17	0
			7	1851.5	18615	16.64	17	0
				1880	18900	16.49	17	0
				1908.5	19185	16.76	17	0
			14	1851.5	18615	16.75	17	0
				1880	18900	16.63	17	0
				1908.5	19185	16.30	17	0
		8 RB	0	1851.5	18615	16.56	17	0
				1880	18900	16.60	17	0
				1908.5	19185	16.52	17	0
			4	1851.5	18615	16.52	17	0
				1880	18900	16.29	17	0
				1908.5	19185	16.31	17	0
			7	1851.5	18615	16.55	17	0
				1880	18900	16.33	17	0
				1908.5	19185	16.13	17	0
		15RB		1851.5	18615	16.47	17	0
				1880	18900	16.36	17	0
				1908.5	19185	16.35	17	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	16.78	17	0
				1880	18900	16.78	17	0
				1908.5	19185	16.33	17	0
			7	1851.5	18615	16.63	17	0
				1880	18900	16.44	17	0
				1908.5	19185	16.70	17	0
			14	1851.5	18615	16.72	17	0
				1880	18900	16.58	17	0
				1908.5	19185	16.22	17	0
		8 RB	0	1851.5	18615	16.51	17	0
				1880	18900	16.53	17	0
				1908.5	19185	16.47	17	0
			4	1851.5	18615	16.48	17	0
				1880	18900	16.28	17	0
				1908.5	19185	16.21	17	0
			7	1851.5	18615	16.53	17	0
				1880	18900	16.31	17	0
				1908.5	19185	16.11	17	0
		15RB		1851.5	18615	16.41	17	0
				1880	18900	16.36	17	0
				1908.5	19185	16.25	17	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	16.47	17	0
				1880	18900	16.59	17	0
				1909.3	19193	16.39	17	0
			2	1850.7	18607	16.52	17	0
				1880	18900	16.51	17	0
				1909.3	19193	16.13	17	0
			5	1850.7	18607	16.50	17	0
				1880	18900	16.52	17	0
				1909.3	19193	16.37	17	0
		3 RB	0	1850.7	18607	16.54	17	0
				1880	18900	16.53	17	0
				1909.3	19193	16.28	17	0
			2	1850.7	18607	16.48	17	0
				1880	18900	16.37	17	0
				1909.3	19193	16.27	17	0
			3	1850.7	18607	16.45	17	0
				1880	18900	16.39	17	0
				1909.3	19193	16.27	17	0
		6RB		1850.7	18607	16.57	17	0
				1880	18900	16.42	17	0
				1909.3	19193	16.30	17	0
	16-QAM	1 RB	0	1850.7	18607	16.67	17	0
				1880	18900	16.91	17	0
				1909.3	19193	16.51	17	0
			2	1850.7	18607	16.87	17	0
				1880	18900	16.73	17	0
				1909.3	19193	16.33	17	0
			5	1850.7	18607	16.73	17	0
				1880	18900	16.74	17	0
				1909.3	19193	16.21	17	0
		3 RB	0	1850.7	18607	16.58	17	0
				1880	18900	16.39	17	0
				1909.3	19193	16.25	17	0
			2	1850.7	18607	16.61	17	0
				1880	18900	16.45	17	0
				1909.3	19193	16.47	17	0
			3	1850.7	18607	16.55	17	0
				1880	18900	16.63	17	0
				1909.3	19193	16.14	17	0
		6RB		1850.7	18607	16.38	17	0
				1880	18900	16.42	17	0
				1909.3	19193	16.18	17	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	16.62	17	0
				1880	18900	16.90	17	0
				1909.3	19193	16.49	17	0
			2	1850.7	18607	16.85	17	0
				1880	18900	16.66	17	0
				1909.3	19193	16.26	17	0
			5	1850.7	18607	16.66	17	0
				1880	18900	16.67	17	0
				1909.3	19193	16.21	17	0
		3 RB	0	1850.7	18607	16.56	17	0
				1880	18900	16.32	17	0
				1909.3	19193	16.19	17	0
			2	1850.7	18607	16.56	17	0
				1880	18900	16.43	17	0
				1909.3	19193	16.39	17	0
			3	1850.7	18607	16.51	17	0
				1880	18900	16.56	17	0
				1909.3	19193	16.04	17	0
		6RB		1850.7	18607	16.37	17	0
				1880	18900	16.37	17	0
				1909.3	19193	16.16	17	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	19.77	20	0
				1732.5	20175	19.91	20	0
				1745	20300	19.86	20	0
			50	1720	20050	19.70	20	0
				1732.5	20175	19.65	20	0
				1745	20300	19.67	20	0
			99	1720	20050	19.63	20	0
				1732.5	20175	19.60	20	0
				1745	20300	19.58	20	0
		50 RB	0	1720	20050	19.64	20	0
				1732.5	20175	19.71	20	0
				1745	20300	19.63	20	0
			25	1720	20050	19.69	20	0
				1732.5	20175	19.61	20	0
				1745	20300	19.63	20	0
			50	1720	20050	19.66	20	0
				1732.5	20175	19.61	20	0
				1745	20300	19.59	20	0
		100RB		1720	20050	19.70	20	0
				1732.5	20175	19.59	20	0
				1745	20300	19.66	20	0
	16-QAM	1 RB	0	1720	20050	19.46	20	0
				1732.5	20175	19.78	20	0
				1745	20300	19.67	20	0
			50	1720	20050	19.85	20	0
				1732.5	20175	19.64	20	0
				1745	20300	19.40	20	0
			99	1720	20050	19.72	20	0
				1732.5	20175	19.90	20	0
				1745	20300	19.85	20	0
		50 RB	0	1720	20050	19.16	20	0
				1732.5	20175	19.27	20	0
				1745	20300	19.17	20	0
			25	1720	20050	19.27	20	0
				1732.5	20175	19.18	20	0
				1745	20300	19.14	20	0
			50	1720	20050	19.20	20	0
				1732.5	20175	19.17	20	0
				1745	20300	19.15	20	0
		100RB		1720	20050	19.35	20	0
				1732.5	20175	19.17	20	0
				1745	20300	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)
20	64-QAM	1 RB	0	1720	20050	19.43	20	0
				1732.5	20175	19.77	20	0
				1745	20300	19.58	20	0
			50	1720	20050	19.78	20	0
				1732.5	20175	19.56	20	0
				1745	20300	19.32	20	0
			99	1720	20050	19.71	20	0
				1732.5	20175	19.84	20	0
				1745	20300	19.78	20	0
		50 RB	0	1720	20050	19.12	20	0
				1732.5	20175	19.20	20	0
				1745	20300	19.11	20	0
			25	1720	20050	19.21	20	0
				1732.5	20175	19.12	20	0
				1745	20300	19.06	20	0
			50	1720	20050	19.11	20	0
				1732.5	20175	19.10	20	0
				1745	20300	19.14	20	0
		100RB		1720	20050	19.27	20	0
				1732.5	20175	19.12	20	0
				1745	20300	19.15	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	19.78	20	0
				1732.5	20175	19.77	20	0
				1747.5	20325	19.64	20	0
			36	1717.5	20025	19.78	20	0
				1732.5	20175	19.62	20	0
				1747.5	20325	19.76	20	0
			74	1717.5	20025	19.68	20	0
				1732.5	20175	19.60	20	0
				1747.5	20325	19.61	20	0
		36 RB	0	1717.5	20025	19.57	20	0
				1732.5	20175	19.69	20	0
				1747.5	20325	19.61	20	0
			18	1717.5	20025	19.66	20	0
				1732.5	20175	19.61	20	0
				1747.5	20325	19.65	20	0
			37	1717.5	20025	19.72	20	0
				1732.5	20175	19.59	20	0
				1747.5	20325	19.57	20	0
		75RB		1717.5	20025	19.65	20	0
				1732.5	20175	19.63	20	0
				1747.5	20325	19.65	20	0
	16-QAM	1 RB	0	1717.5	20025	19.80	20	0
				1732.5	20175	19.62	20	0
				1747.5	20325	19.79	20	0
			36	1717.5	20025	19.48	20	0
				1732.5	20175	19.68	20	0
				1747.5	20325	19.50	20	0
			74	1717.5	20025	19.59	20	0
				1732.5	20175	19.66	20	0
				1747.5	20325	19.73	20	0
		36 RB	0	1717.5	20025	19.16	20	0
				1732.5	20175	19.30	20	0
				1747.5	20325	19.16	20	0
			18	1717.5	20025	19.27	20	0
				1732.5	20175	19.21	20	0
				1747.5	20325	19.16	20	0
			37	1717.5	20025	19.29	20	0
				1732.5	20175	19.13	20	0
				1747.5	20325	19.15	20	0
		75RB		1717.5	20025	19.26	20	0
				1732.5	20175	19.21	20	0
				1747.5	20325	19.20	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	19.76	20	0
				1732.5	22.58	19.54	20	0
				1747.5	22.77	19.77	20	0
			36	1717.5	22.12	19.42	20	0
				1732.5	22.7	19.63	20	0
				1747.5	22.44	19.44	20	0
			74	1717.5	22.42	19.56	20	0
				1732.5	22.7	19.64	20	0
				1747.5	22.73	19.71	20	0
		36 RB	0	1717.5	21.22	19.11	20	0
				1732.5	21.38	19.28	20	0
				1747.5	21.52	19.15	20	0
			18	1717.5	21.24	19.24	20	0
				1732.5	21.34	19.13	20	0
				1747.5	21.41	19.14	20	0
			37	1717.5	21.25	19.26	20	0
				1732.5	21.29	19.05	20	0
				1747.5	21.46	19.08	20	0
		75RB		1717.5	21.22	19.18	20	0
				1732.5	21.35	19.20	20	0
				1747.5	21.43	19.14	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)
10	QPSK	1 RB	0	1715	20000	19.72	20	0
				1732.5	20175	19.73	20	0
				1750	20350	19.73	20	0
			25	1715	20000	19.57	20	0
				1732.5	20175	19.63	20	0
				1750	20350	19.80	20	0
			49	1715	20000	19.73	20	0
				1732.5	20175	19.67	20	0
				1750	20350	19.75	20	0
		25 RB	0	1715	20000	19.57	20	0
				1732.5	20175	19.62	20	0
				1750	20350	19.65	20	0
			12	1715	20000	19.61	20	0
				1732.5	20175	19.59	20	0
				1750	20350	19.61	20	0
			25	1715	20000	19.66	20	0
				1732.5	20175	19.63	20	0
				1750	20350	19.61	20	0
		50RB		1715	20000	19.66	20	0
				1732.5	20175	19.59	20	0
				1750	20350	19.64	20	0
	16-QAM	1 RB	0	1715	20000	19.71	20	0
				1732.5	20175	19.69	20	0
				1750	20350	19.64	20	0
			25	1715	20000	19.62	20	0
				1732.5	20175	19.36	20	0
				1750	20350	19.72	20	0
			49	1715	20000	19.77	20	0
				1732.5	20175	19.40	20	0
				1750	20350	19.52	20	0
		25 RB	0	1715	20000	19.32	20	0
				1732.5	20175	19.16	20	0
				1750	20350	19.30	20	0
			12	1715	20000	19.27	20	0
				1732.5	20175	19.16	20	0
				1750	20350	19.29	20	0
			25	1715	20000	19.24	20	0
				1732.5	20175	19.32	20	0
				1750	20350	19.31	20	0
		50RB		1715	20000	19.21	20	0
				1732.5	20175	19.23	20	0
				1750	20350	19.15	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	19.61	20	0
				1732.5	20175	19.59	20	0
				1750	20350	19.60	20	0
			25	1715	20000	19.60	20	0
				1732.5	20175	19.31	20	0
				1750	20350	19.70	20	0
			49	1715	20000	19.68	20	0
				1732.5	20175	19.36	20	0
				1750	20350	19.44	20	0
		25 RB	0	1715	20000	19.27	20	0
				1732.5	20175	19.07	20	0
				1750	20350	19.23	20	0
			12	1715	20000	19.27	20	0
				1732.5	20175	19.11	20	0
				1750	20350	19.26	20	0
			25	1715	20000	19.15	20	0
				1732.5	20175	19.26	20	0
				1750	20350	19.25	20	0
		50RB		1715	20000	19.18	20	0
				1732.5	20175	19.20	20	0
				1750	20350	19.15	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	19.83	20	0
				1732.5	20175	19.69	20	0
				1752.5	20375	19.68	20	0
			12	1712.5	19975	19.60	20	0
				1732.5	20175	19.66	20	0
				1752.5	20375	19.58	20	0
			24	1712.5	19975	19.53	20	0
				1732.5	20175	19.49	20	0
				1752.5	20375	19.77	20	0
		12 RB	0	1712.5	19975	19.72	20	0
				1732.5	20175	19.69	20	0
				1752.5	20375	19.71	20	0
			6	1712.5	19975	19.66	20	0
				1732.5	20175	19.73	20	0
				1752.5	20375	19.72	20	0
			13	1712.5	19975	19.63	20	0
				1732.5	20175	19.69	20	0
				1752.5	20375	19.71	20	0
		25RB		1712.5	19975	19.64	20	0
				1732.5	20175	19.68	20	0
				1752.5	20375	19.70	20	0
	16-QAM	1 RB	0	1712.5	19975	19.70	20	0
				1732.5	20175	19.62	20	0
				1752.5	20375	19.76	20	0
			12	1712.5	19975	19.40	20	0
				1732.5	20175	19.01	20	0
				1752.5	20375	19.63	20	0
			24	1712.5	19975	19.48	20	0
				1732.5	20175	19.56	20	0
				1752.5	20375	19.63	20	0
		12 RB	0	1712.5	19975	19.37	20	0
				1732.5	20175	19.33	20	0
				1752.5	20375	19.33	20	0
			6	1712.5	19975	19.31	20	0
				1732.5	20175	19.23	20	0
				1752.5	20375	19.28	20	0
			13	1712.5	19975	19.24	20	0
				1732.5	20175	19.33	20	0
				1752.5	20375	19.33	20	0
		25RB		1712.5	19975	19.24	20	0
				1732.5	20175	19.29	20	0
				1752.5	20375	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)
5	64-QAM	1 RB	0	1712.5	19975	19.61	20	0
				1732.5	20175	19.58	20	0
				1752.5	20375	19.74	20	0
			12	1712.5	19975	19.31	20	0
				1732.5	20175	18.99	20	0
				1752.5	20375	19.56	20	0
			24	1712.5	19975	19.46	20	0
				1732.5	20175	19.55	20	0
				1752.5	20375	19.54	20	0
		12 RB	0	1712.5	19975	19.29	20	0
				1732.5	20175	19.28	20	0
				1752.5	20375	19.24	20	0
			6	1712.5	19975	19.30	20	0
				1732.5	20175	19.18	20	0
				1752.5	20375	19.19	20	0
			13	1712.5	19975	19.18	20	0
				1732.5	20175	19.25	20	0
				1752.5	20375	19.33	20	0
		25RB		1712.5	19975	19.21	20	0
				1732.5	20175	19.28	20	0
				1752.5	20375	19.20	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	19.73	20	0
				1732.5	20175	19.69	20	0
				1753.5	20385	19.73	20	0
			7	1711.5	19965	19.77	20	0
				1732.5	20175	19.63	20	0
				1753.5	20385	19.77	20	0
			14	1711.5	19965	19.49	20	0
				1732.5	20175	19.62	20	0
				1753.5	20385	19.53	20	0
		8 RB	0	1711.5	19965	19.62	20	0
				1732.5	20175	19.68	20	0
				1753.5	20385	19.65	20	0
			4	1711.5	19965	19.63	20	0
				1732.5	20175	19.64	20	0
				1753.5	20385	19.62	20	0
			7	1711.5	19965	19.56	20	0
				1732.5	20175	19.64	20	0
				1753.5	20385	19.63	20	0
		15RB		1711.5	19965	19.64	20	0
				1732.5	20175	19.61	20	0
				1753.5	20385	19.62	20	0
	16-QAM	1 RB	0	1711.5	19965	19.44	20	0
				1732.5	20175	19.13	20	0
				1753.5	20385	19.46	20	0
			7	1711.5	19965	19.66	20	0
				1732.5	20175	19.33	20	0
				1753.5	20385	19.46	20	0
			14	1711.5	19965	19.51	20	0
				1732.5	20175	19.61	20	0
				1753.5	20385	19.58	20	0
		8 RB	0	1711.5	19965	19.36	20	0
				1732.5	20175	19.29	20	0
				1753.5	20385	19.15	20	0
			4	1711.5	19965	19.28	20	0
				1732.5	20175	19.22	20	0
				1753.5	20385	19.26	20	0
			7	1711.5	19965	19.10	20	0
				1732.5	20175	19.20	20	0
				1753.5	20385	19.23	20	0
		15RB		1711.5	19965	19.04	20	0
				1732.5	20175	19.15	20	0
				1753.5	20385	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)
3	64-QAM	1 RB	0	1711.5	19965	19.34	20	0
				1732.5	20175	19.12	20	0
				1753.5	20385	19.45	20	0
			7	1711.5	19965	19.62	20	0
				1732.5	20175	19.27	20	0
				1753.5	20385	19.37	20	0
			14	1711.5	19965	19.45	20	0
				1732.5	20175	19.56	20	0
				1753.5	20385	19.48	20	0
		8 RB	0	1711.5	19965	19.29	20	0
				1732.5	20175	19.23	20	0
				1753.5	20385	19.10	20	0
			4	1711.5	19965	19.24	20	0
				1732.5	20175	19.18	20	0
				1753.5	20385	19.18	20	0
			7	1711.5	19965	19.01	20	0
				1732.5	20175	19.12	20	0
				1753.5	20385	19.13	20	0
		15RB		1711.5	19965	19.00	20	0
				1732.5	20175	19.06	20	0
				1753.5	20385	19.11	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	19.77	20	0
				1732.5	20175	19.58	20	0
				1754.3	20393	19.78	20	0
			2	1710.7	19957	19.72	20	0
				1732.5	20175	19.64	20	0
				1754.3	20393	19.65	20	0
			5	1710.7	19957	19.57	20	0
				1732.5	20175	19.73	20	0
				1754.3	20393	19.70	20	0
		3 RB	0	1710.7	19957	19.67	20	0
				1732.5	20175	19.67	20	0
				1754.3	20393	19.65	20	0
			2	1710.7	19957	19.64	20	0
				1732.5	20175	19.65	20	0
				1754.3	20393	19.57	20	0
			3	1710.7	19957	19.67	20	0
				1732.5	20175	19.64	20	0
				1754.3	20393	19.57	20	0
		6RB		1710.7	19957	19.65	20	0
				1732.5	20175	19.66	20	0
				1754.3	20393	19.60	20	0
	16-QAM	1 RB	0	1710.7	19957	19.50	20	0
				1732.5	20175	19.20	20	0
				1754.3	20393	19.70	20	0
			2	1710.7	19957	19.37	20	0
				1732.5	20175	19.33	20	0
				1754.3	20393	19.52	20	0
			5	1710.7	19957	19.65	20	0
				1732.5	20175	19.44	20	0
				1754.3	20393	19.33	20	0
		3 RB	0	1710.7	19957	19.35	20	0
				1732.5	20175	19.31	20	0
				1754.3	20393	19.39	20	0
			2	1710.7	19957	19.36	20	0
				1732.5	20175	19.23	20	0
				1754.3	20393	19.29	20	0
			3	1710.7	19957	19.48	20	0
				1732.5	20175	19.16	20	0
				1754.3	20393	19.34	20	0
		6RB		1710.7	19957	19.28	20	0
				1732.5	20175	19.29	20	0
				1754.3	20393	19.21	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	19.48	20	0
				1732.5	20175	19.19	20	0
				1754.3	20393	19.61	20	0
			2	1710.7	19957	19.32	20	0
				1732.5	20175	19.30	20	0
				1754.3	20393	19.46	20	0
			5	1710.7	19957	19.60	20	0
				1732.5	20175	19.42	20	0
				1754.3	20393	19.30	20	0
		3 RB	0	1710.7	19957	19.34	20	0
				1732.5	20175	19.28	20	0
				1754.3	20393	19.36	20	0
			2	1710.7	19957	19.36	20	0
				1732.5	20175	19.21	20	0
				1754.3	20393	19.28	20	0
			3	1710.7	19957	19.45	20	0
				1732.5	20175	19.10	20	0
				1754.3	20393	19.32	20	0
		6RB		1710.7	19957	19.25	20	0
				1732.5	20175	19.24	20	0
				1754.3	20393	19.20	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	18.74	19	0
				836.5	20525	18.68	19	0
				844	20600	18.96	19	0
			25	829	20450	18.65	19	0
				836.5	20525	18.88	19	0
				844	20600	18.94	19	0
			49	829	20450	18.83	19	0
				836.5	20525	18.99	19	0
				844	20600	18.95	19	0
		25 RB	0	829	20450	18.68	19	0
				836.5	20525	18.72	19	0
				844	20600	18.86	19	0
			12	829	20450	18.58	19	0
				836.5	20525	18.75	19	0
				844	20600	18.94	19	0
			25	829	20450	18.74	19	0
				836.5	20525	18.94	19	0
				844	20600	18.90	19	0
		50RB		829	20450	18.64	19	0
				836.5	20525	18.81	19	0
				844	20600	18.86	19	0
	16-QAM	1 RB	0	829	20450	18.81	19	0
				836.5	20525	18.64	19	0
				844	20600	18.91	19	0
			25	829	20450	18.82	19	0
				836.5	20525	18.97	19	0
				844	20600	18.94	19	0
			49	829	20450	18.59	19	0
				836.5	20525	18.55	19	0
				844	20600	18.49	19	0
		25 RB	0	829	20450	18.67	19	0
				836.5	20525	18.81	19	0
				844	20600	18.83	19	0
			12	829	20450	18.48	19	0
				836.5	20525	18.63	19	0
				844	20600	18.74	19	0
			25	829	20450	18.69	19	0
				836.5	20525	18.88	19	0
				844	20600	18.88	19	0
		50RB		829	20450	18.57	19	0
				836.5	20525	18.67	19	0
				844	20600	18.71	19	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	18.77	19	0
				836.5	20525	18.56	19	0
				844	20600	18.83	19	0
			25	829	20450	18.76	19	0
				836.5	20525	18.93	19	0
				844	20600	18.86	19	0
			49	829	20450	18.53	19	0
				836.5	20525	18.45	19	0
				844	20600	18.44	19	0
		25 RB	0	829	20450	18.60	19	0
				836.5	20525	18.79	19	0
				844	20600	18.81	19	0
			12	829	20450	18.41	19	0
				836.5	20525	18.62	19	0
				844	20600	18.73	19	0
			25	829	20450	18.68	19	0
				836.5	20525	18.87	19	0
				844	20600	18.82	19	0
		50RB		829	20450	18.49	19	0
				836.5	20525	18.58	19	0
				844	20600	18.61	19	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	18.81	19	0
				836.5	20525	18.92	19	0
				846.5	20625	18.94	19	0
			12	826.5	20425	18.76	19	0
				836.5	20525	18.73	19	0
				846.5	20625	18.94	19	0
			24	826.5	20425	18.76	19	0
				836.5	20525	18.89	19	0
				846.5	20625	18.97	19	0
		12 RB	0	826.5	20425	18.79	19	0
				836.5	20525	18.81	19	0
				846.5	20625	18.91	19	0
			6	826.5	20425	18.78	19	0
				836.5	20525	18.84	19	0
				846.5	20625	18.92	19	0
			13	826.5	20425	18.76	19	0
				836.5	20525	18.82	19	0
				846.5	20625	18.97	19	0
		25RB		826.5	20425	18.70	19	0
				836.5	20525	18.79	19	0
				846.5	20625	18.91	19	0
	16-QAM	1 RB	0	826.5	20425	18.78	19	0
				836.5	20525	18.83	19	0
				846.5	20625	18.84	19	0
			12	826.5	20425	18.55	19	0
				836.5	20525	18.66	19	0
				846.5	20625	18.96	19	0
			24	826.5	20425	18.76	19	0
				836.5	20525	18.92	19	0
				846.5	20625	18.80	19	0
		12 RB	0	826.5	20425	18.64	19	0
				836.5	20525	18.78	19	0
				846.5	20625	18.81	19	0
			6	826.5	20425	18.70	19	0
				836.5	20525	18.85	19	0
				846.5	20625	18.86	19	0
			13	826.5	20425	18.64	19	0
				836.5	20525	18.80	19	0
				846.5	20625	18.93	19	0
		25RB		826.5	20425	18.61	19	0
				836.5	20525	18.77	19	0
				846.5	20625	18.84	19	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	18.73	19	0
				836.5	20525	18.77	19	0
				846.5	20625	18.81	19	0
			12	826.5	20425	18.51	19	0
				836.5	20525	18.65	19	0
				846.5	20625	18.92	19	0
			24	826.5	20425	18.69	19	0
				836.5	20525	18.91	19	0
				846.5	20625	18.70	19	0
		12 RB	0	826.5	20425	18.64	19	0
				836.5	20525	18.75	19	0
				846.5	20625	18.79	19	0
			6	826.5	20425	18.69	19	0
				836.5	20525	18.80	19	0
				846.5	20625	18.86	19	0
			13	826.5	20425	18.61	19	0
				836.5	20525	18.78	19	0
				846.5	20625	18.86	19	0
		25RB		826.5	20425	18.57	19	0
				836.5	20525	18.74	19	0
				846.5	20625	18.81	19	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	18.63	19	0
				836.5	20525	18.71	19	0
				847.5	20635	18.81	19	0
			7	825.5	20415	18.67	19	0
				836.5	20525	18.76	19	0
				847.5	20635	18.96	19	0
			14	825.5	20415	18.68	19	0
				836.5	20525	18.67	19	0
				847.5	20635	18.82	19	0
		8 RB	0	825.5	20415	18.66	19	0
				836.5	20525	18.71	19	0
				847.5	20635	18.79	19	0
			4	825.5	20415	18.73	19	0
				836.5	20525	18.72	19	0
				847.5	20635	18.83	19	0
			7	825.5	20415	18.71	19	0
				836.5	20525	18.76	19	0
				847.5	20635	18.85	19	0
		15RB		825.5	20415	18.69	19	0
				836.5	20525	18.72	19	0
				847.5	20635	18.85	19	0
	16-QAM	1 RB	0	825.5	20415	18.66	19	0
				836.5	20525	18.76	19	0
				847.5	20635	18.56	19	0
			7	825.5	20415	18.98	19	0
				836.5	20525	18.91	19	0
				847.5	20635	18.51	19	0
			14	825.5	20415	18.93	19	0
				836.5	20525	18.78	19	0
				847.5	20635	18.64	19	0
		8 RB	0	825.5	20415	18.57	19	0
				836.5	20525	18.62	19	0
				847.5	20635	18.71	19	0
			4	825.5	20415	18.58	19	0
				836.5	20525	18.65	19	0
				847.5	20635	18.72	19	0
			7	825.5	20415	18.66	19	0
				836.5	20525	18.70	19	0
				847.5	20635	18.68	19	0
		15RB		825.5	20415	18.56	19	0
				836.5	20525	18.55	19	0
				847.5	20635	18.57	19	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	18.65	19	0
				836.5	20525	18.76	19	0
				847.5	20635	18.54	19	0
			7	825.5	20415	18.92	19	0
				836.5	20525	18.85	19	0
				847.5	20635	18.45	19	0
			14	825.5	20415	18.87	19	0
				836.5	20525	18.71	19	0
				847.5	20635	18.55	19	0
		8 RB	0	825.5	20415	18.52	19	0
				836.5	20525	18.58	19	0
				847.5	20635	18.64	19	0
			4	825.5	20415	18.50	19	0
				836.5	20525	18.59	19	0
				847.5	20635	18.70	19	0
			7	825.5	20415	18.65	19	0
				836.5	20525	18.65	19	0
				847.5	20635	18.65	19	0
		15RB		825.5	20415	18.52	19	0
				836.5	20525	18.49	19	0
				847.5	20635	18.53	19	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	18.71	19	0
				836.5	20525	18.81	19	0
				848.3	20643	18.89	19	0
			2	824.7	20407	18.70	19	0
				836.5	20525	18.76	19	0
				848.3	20643	18.84	19	0
			5	824.7	20407	18.71	19	0
				836.5	20525	18.70	19	0
				848.3	20643	18.88	19	0
		3 RB	0	824.7	20407	18.67	19	0
				836.5	20525	18.74	19	0
				848.3	20643	18.83	19	0
			2	824.7	20407	18.67	19	0
				836.5	20525	18.72	19	0
				848.3	20643	18.77	19	0
			3	824.7	20407	18.67	19	0
				836.5	20525	18.75	19	0
				848.3	20643	18.77	19	0
		6RB		824.7	20407	18.68	19	0
				836.5	20525	18.75	19	0
				848.3	20643	18.83	19	0
	16-QAM	1 RB	0	824.7	20407	18.86	19	0
				836.5	20525	18.89	19	0
				848.3	20643	18.59	19	0
			2	824.7	20407	18.69	19	0
				836.5	20525	18.86	19	0
				848.3	20643	18.92	19	0
			5	824.7	20407	18.82	19	0
				836.5	20525	18.84	19	0
				848.3	20643	18.73	19	0
		3 RB	0	824.7	20407	18.63	19	0
				836.5	20525	18.66	19	0
				848.3	20643	18.68	19	0
			2	824.7	20407	18.71	19	0
				836.5	20525	18.58	19	0
				848.3	20643	18.78	19	0
			3	824.7	20407	18.58	19	0
				836.5	20525	18.85	19	0
				848.3	20643	18.84	19	0
		6RB		824.7	20407	18.51	19	0
				836.5	20525	18.71	19	0
				848.3	20643	18.69	19	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	18.82	19	0
				836.5	20525	18.87	19	0
				848.3	20643	18.58	19	0
			2	824.7	20407	18.61	19	0
				836.5	20525	18.78	19	0
				848.3	20643	18.91	19	0
			5	824.7	20407	18.74	19	0
				836.5	20525	18.75	19	0
				848.3	20643	18.64	19	0
		3 RB	0	824.7	20407	18.55	19	0
				836.5	20525	18.62	19	0
				848.3	20643	18.63	19	0
			2	824.7	20407	18.68	19	0
				836.5	20525	18.54	19	0
				848.3	20643	18.74	19	0
			3	824.7	20407	18.56	19	0
				836.5	20525	18.78	19	0
				848.3	20643	18.82	19	0
		6RB		824.7	20407	18.46	19	0
				836.5	20525	18.64	19	0
				848.3	20643	18.69	19	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	15.99	16	0
				2535	21100	15.62	16	0
				2560	21350	15.55	16	0
			50	2510	20850	15.74	16	0
				2535	21100	15.30	16	0
				2560	21350	15.20	16	0
			99	2510	20850	15.46	16	0
				2535	21100	15.47	16	0
				2560	21350	15.15	16	0
		50 RB	0	2510	20850	15.84	16	0
				2535	21100	15.40	16	0
				2560	21350	15.22	16	0
			25	2510	20850	15.81	16	0
				2535	21100	15.41	16	0
				2560	21350	15.20	16	0
			50	2510	20850	15.79	16	0
				2535	21100	15.37	16	0
				2560	21350	15.16	16	0
		100RB		2510	20850	15.90	16	0
				2535	21100	15.43	16	0
				2560	21350	15.25	16	0
	16-QAM	1 RB	0	2510	20850	15.89	16	0
				2535	21100	15.70	16	0
				2560	21350	15.31	16	0
			50	2510	20850	15.80	16	0
				2535	21100	15.48	16	0
				2560	21350	15.41	16	0
			99	2510	20850	15.98	16	0
				2535	21100	15.73	16	0
				2560	21350	15.26	16	0
		50 RB	0	2510	20850	15.85	16	0
				2535	21100	15.33	16	0
				2560	21350	15.24	16	0
			25	2510	20850	15.83	16	0
				2535	21100	15.40	16	0
				2560	21350	15.20	16	0
			50	2510	20850	15.79	16	0
				2535	21100	15.37	16	0
				2560	21350	15.16	16	0
		100RB		2510	20850	15.84	16	0
				2535	21100	15.37	16	0
				2560	21350	15.25	16	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	15.81	16	0
				2535	21100	15.63	16	0
				2560	21350	15.29	16	0
			50	2510	20850	15.79	16	0
				2535	21100	15.42	16	0
				2560	21350	15.33	16	0
			99	2510	20850	15.91	16	0
				2535	21100	15.72	16	0
				2560	21350	15.19	16	0
		50 RB	0	2510	20850	15.81	16	0
				2535	21100	15.30	16	0
				2560	21350	15.19	16	0
			25	2510	20850	15.81	16	0
				2535	21100	15.35	16	0
				2560	21350	15.12	16	0
			50	2510	20850	15.74	16	0
				2535	21100	15.27	16	0
				2560	21350	15.10	16	0
		100RB		2510	20850	15.74	16	0
				2535	21100	15.28	16	0
				2560	21350	15.21	16	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	15.79	16	0
				2535	21100	15.36	16	0
				2562.5	21375	15.07	16	0
			36	2507.5	20825	15.82	16	0
				2535	21100	15.23	16	0
				2562.5	21375	15.07	16	0
			74	2507.5	20825	15.61	16	0
				2535	21100	15.40	16	0
				2562.5	21375	14.83	16	0
		36 RB	0	2507.5	20825	15.88	16	0
				2535	21100	15.41	16	0
				2562.5	21375	15.21	16	0
			18	2507.5	20825	15.91	16	0
				2535	21100	15.43	16	0
				2562.5	21375	15.23	16	0
			37	2507.5	20825	15.88	16	0
				2535	21100	15.38	16	0
				2562.5	21375	15.12	16	0
		75RB		2507.5	20825	15.95	16	0
				2535	21100	15.40	16	0
				2562.5	21375	15.22	16	0
	16-QAM	1 RB	0	2507.5	20825	15.87	16	0
				2535	21100	15.59	16	0
				2562.5	21375	15.29	16	0
			36	2507.5	20825	15.74	16	0
				2535	21100	15.81	16	0
				2562.5	21375	15.11	16	0
			74	2507.5	20825	15.94	16	0
				2535	21100	15.78	16	0
				2562.5	21375	15.08	16	0
		36 RB	0	2507.5	20825	15.86	16	0
				2535	21100	15.40	16	0
				2562.5	21375	15.23	16	0
			18	2507.5	20825	15.92	16	0
				2535	21100	15.41	16	0
				2562.5	21375	15.25	16	0
			37	2507.5	20825	15.81	16	0
				2535	21100	15.38	16	0
				2562.5	21375	15.14	16	0
		75RB		2507.5	20825	15.95	16	0
				2535	21100	15.41	16	0
				2562.5	21375	15.19	16	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	15.84	16	0
				2535	21100	15.55	16	0
				2562.5	21375	15.26	16	0
			36	2507.5	20825	15.72	16	0
				2535	21100	15.78	16	0
				2562.5	21375	15.03	16	0
			74	2507.5	20825	15.87	16	0
				2535	21100	15.78	16	0
				2562.5	21375	15.04	16	0
		36 RB	0	2507.5	20825	15.78	16	0
				2535	21100	15.36	16	0
				2562.5	21375	15.20	16	0
			18	2507.5	20825	15.91	16	0
				2535	21100	15.31	16	0
				2562.5	21375	15.23	16	0
			37	2507.5	20825	15.73	16	0
				2535	21100	15.34	16	0
				2562.5	21375	15.13	16	0
		75RB		2507.5	20825	15.86	16	0
				2535	21100	15.35	16	0
				2562.5	21375	15.14	16	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	15.87	16	0
				2535	21100	15.32	16	0
				2565	21400	15.10	16	0
			25	2505	20800	15.77	16	0
				2535	21100	15.36	16	0
				2565	21400	15.00	16	0
			49	2505	20800	15.79	16	0
				2535	21100	15.36	16	0
				2565	21400	15.00	16	0
		25 RB	0	2505	20800	15.86	16	0
				2535	21100	15.38	16	0
				2565	21400	15.21	16	0
			12	2505	20800	15.85	16	0
				2535	21100	15.41	16	0
				2565	21400	15.14	16	0
			25	2505	20800	15.90	16	0
				2535	21100	15.45	16	0
				2565	21400	15.12	16	0
		50RB		2505	20800	15.83	16	0
				2535	21100	15.39	16	0
				2565	21400	15.10	16	0
	16-QAM	1 RB	0	2505	20800	15.51	16	0
				2535	21100	15.44	16	0
				2565	21400	15.30	16	0
			25	2505	20800	15.98	16	0
				2535	21100	15.32	16	0
				2565	21400	15.63	16	0
			49	2505	20800	15.65	16	0
				2535	21100	15.65	16	0
				2565	21400	15.14	16	0
		25 RB	0	2505	20800	15.86	16	0
				2535	21100	15.31	16	0
				2565	21400	15.11	16	0
			12	2505	20800	15.73	16	0
				2535	21100	15.42	16	0
				2565	21400	15.14	16	0
			25	2505	20800	15.90	16	0
				2535	21100	15.43	16	0
				2565	21400	15.14	16	0
		50RB		2505	20800	15.81	16	0
				2535	21100	15.36	16	0
				2565	21400	15.12	16	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	15.50	16	0
				2535	21100	15.39	16	0
				2565	21400	15.24	16	0
			25	2505	20800	15.94	16	0
				2535	21100	15.25	16	0
				2565	21400	15.59	16	0
			49	2505	20800	15.63	16	0
				2535	21100	15.58	16	0
				2565	21400	15.11	16	0
		25 RB	0	2505	20800	15.77	16	0
				2535	21100	15.31	16	0
				2565	21400	15.08	16	0
			12	2505	20800	15.72	16	0
				2535	21100	15.34	16	0
				2565	21400	15.10	16	0
			25	2505	20800	15.86	16	0
				2535	21100	15.36	16	0
				2565	21400	15.07	16	0
		50RB		2505	20800	15.80	16	0
				2535	21100	15.30	16	0
				2565	21400	15.12	16	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	15.77	16	0
				2535	21100	15.26	16	0
				2567.5	21425	15.04	16	0
			12	2502.5	20775	15.74	16	0
				2535	21100	15.30	16	0
				2567.5	21425	15.09	16	0
			24	2502.5	20775	15.65	16	0
				2535	21100	15.35	16	0
				2567.5	21425	15.08	16	0
		12 RB	0	2502.5	20775	15.76	16	0
				2535	21100	15.24	16	0
				2567.5	21425	15.05	16	0
			6	2502.5	20775	15.74	16	0
				2535	21100	15.24	16	0
				2567.5	21425	14.99	16	0
			13	2502.5	20775	15.71	16	0
				2535	21100	15.28	16	0
				2567.5	21425	14.97	16	0
		25RB		2502.5	20775	15.76	16	0
				2535	21100	15.26	16	0
				2567.5	21425	15.08	16	0
	16-QAM	1 RB	0	2502.5	20775	15.77	16	0
				2535	21100	15.50	16	0
				2567.5	21425	14.90	16	0
			12	2502.5	20775	15.81	16	0
				2535	21100	15.70	16	0
				2567.5	21425	15.10	16	0
			24	2502.5	20775	15.62	16	0
				2535	21100	15.43	16	0
				2567.5	21425	15.25	16	0
		12 RB	0	2502.5	20775	15.80	16	0
				2535	21100	15.24	16	0
				2567.5	21425	14.82	16	0
			6	2502.5	20775	15.66	16	0
				2535	21100	15.20	16	0
				2567.5	21425	14.94	16	0
			13	2502.5	20775	15.73	16	0
				2535	21100	15.22	16	0
				2567.5	21425	14.87	16	0
		25RB		2502.5	20775	15.64	16	0
				2535	21100	15.10	16	0
				2567.5	21425	14.90	16	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	64-QAM	1 RB	0	2502.5	20775	15.76	16	0
				2535	21100	15.47	16	0
				2567.5	21425	14.81	16	0
			12	2502.5	20775	15.75	16	0
				2535	21100	15.61	16	0
				2567.5	21425	15.04	16	0
			24	2502.5	20775	15.54	16	0
				2535	21100	15.34	16	0
				2567.5	21425	15.19	16	0
		12 RB	0	2502.5	20775	15.76	16	0
				2535	21100	15.24	16	0
				2567.5	21425	14.77	16	0
			6	2502.5	20775	15.62	16	0
				2535	21100	15.12	16	0
				2567.5	21425	14.93	16	0
			13	2502.5	20775	15.63	16	0
				2535	21100	15.19	16	0
				2567.5	21425	14.80	16	0
		25RB		2502.5	20775	15.56	16	0
				2535	21100	15.10	16	0
				2567.5	21425	14.89	16	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	17.54	18	0
				707.5	23095	17.64	18	0
				711	23130	17.80	18	0
			25	704	23060	17.87	18	0
				707.5	23095	17.73	18	0
				711	23130	17.91	18	0
			49	704	23060	17.98	18	0
				707.5	23095	17.74	18	0
				711	23130	17.90	18	0
		25 RB	0	704	23060	17.66	18	0
				707.5	23095	17.74	18	0
				711	23130	17.93	18	0
			12	704	23060	17.73	18	0
				707.5	23095	17.84	18	0
				711	23130	17.67	18	0
			25	704	23060	17.82	18	0
				707.5	23095	17.94	18	0
				711	23130	17.90	18	0
		50RB		704	23060	17.84	18	0
				707.5	23095	17.83	18	0
				711	23130	17.73	18	0
	16-QAM	1 RB	0	704	23060	17.30	18	0
				707.5	23095	17.65	18	0
				711	23130	17.77	18	0
			25	704	23060	17.56	18	0
				707.5	23095	17.41	18	0
				711	23130	17.83	18	0
			49	704	23060	17.73	18	0
				707.5	23095	17.70	18	0
				711	23130	17.91	18	0
		25 RB	0	704	23060	17.19	18	0
				707.5	23095	17.30	18	0
				711	23130	17.42	18	0
			12	704	23060	17.28	18	0
				707.5	23095	17.45	18	0
				711	23130	17.45	18	0
			25	704	23060	17.47	18	0
				707.5	23095	17.46	18	0
				711	23130	17.82	18	0
		50RB		704	23060	17.40	18	0
				707.5	23095	17.31	18	0
				711	23130	17.52	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	64-QAM	1 RB	0	704	23060	17.23	18	0
				707.5	23095	17.62	18	0
				711	23130	17.71	18	0
			25	704	23060	17.50	18	0
				707.5	23095	17.38	18	0
				711	23130	17.83	18	0
			49	704	23060	17.67	18	0
				707.5	23095	17.68	18	0
				711	23130	17.86	18	0
		25 RB	0	704	23060	17.10	18	0
				707.5	23095	17.29	18	0
				711	23130	17.41	18	0
			12	704	23060	17.20	18	0
				707.5	23095	17.42	18	0
				711	23130	17.44	18	0
			25	704	23060	17.44	18	0
				707.5	23095	17.39	18	0
				711	23130	17.79	18	0
		50RB		704	23060	17.35	18	0
				707.5	23095	17.27	18	0
				711	23130	17.46	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)
5	QPSK	1 RB	0	701.5	23035	17.53	18	0
				707.5	23095	17.75	18	0
				713.5	23155	17.95	18	0
			12	701.5	23035	17.57	18	0
				707.5	23095	17.86	18	0
				713.5	23155	17.96	18	0
			24	701.5	23035	17.65	18	0
				707.5	23095	17.91	18	0
				713.5	23155	17.84	18	0
		12 RB	0	701.5	23035	17.65	18	0
				707.5	23095	17.90	18	0
				713.5	23155	17.86	18	0
			6	701.5	23035	17.70	18	0
				707.5	23095	17.92	18	0
				713.5	23155	17.86	18	0
			13	701.5	23035	17.83	18	0
				707.5	23095	17.95	18	0
				713.5	23155	17.94	18	0
		25RB		701.5	23035	17.74	18	0
				707.5	23095	17.91	18	0
				713.5	23155	17.83	18	0
	16-QAM	1 RB	0	701.5	23035	17.36	18	0
				707.5	23095	17.16	18	0
				713.5	23155	17.92	18	0
			12	701.5	23035	17.29	18	0
				707.5	23095	17.79	18	0
				713.5	23155	17.45	18	0
			24	701.5	23035	17.74	18	0
				707.5	23095	17.56	18	0
				713.5	23155	17.59	18	0
		12 RB	0	701.5	23035	17.12	18	0
				707.5	23095	17.51	18	0
				713.5	23155	17.66	18	0
			6	701.5	23035	17.22	18	0
				707.5	23095	17.43	18	0
				713.5	23155	17.70	18	0
			13	701.5	23035	17.23	18	0
				707.5	23095	17.50	18	0
				713.5	23155	17.70	18	0
		25RB		701.5	23035	17.22	18	0
				707.5	23095	17.46	18	0
				713.5	23155	17.66	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)
5	64-QAM	1 RB	0	701.5	23035	17.28	18	0
				707.5	23095	17.07	18	0
				713.5	23155	17.86	18	0
			12	701.5	23035	17.24	18	0
				707.5	23095	17.72	18	0
				713.5	23155	17.37	18	0
			24	701.5	23035	17.67	18	0
				707.5	23095	17.54	18	0
				713.5	23155	17.56	18	0
		12 RB	0	701.5	23035	17.08	18	0
				707.5	23095	17.42	18	0
				713.5	23155	17.66	18	0
			6	701.5	23035	17.14	18	0
				707.5	23095	17.42	18	0
				713.5	23155	17.64	18	0
			13	701.5	23035	17.14	18	0
				707.5	23095	17.49	18	0
				713.5	23155	17.63	18	0
		25RB		701.5	23035	17.13	18	0
				707.5	23095	17.44	18	0
				713.5	23155	17.61	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)
3	QPSK	1 RB	0	700.5	23025	17.56	18	0
				707.5	23095	17.79	18	0
				714.5	23165	17.97	18	0
			7	700.5	23025	17.57	18	0
				707.5	23095	17.91	18	0
				714.5	23165	17.80	18	0
			14	700.5	23025	17.58	18	0
				707.5	23095	17.81	18	0
				714.5	23165	17.90	18	0
		8 RB	0	700.5	23025	17.90	18	0
				707.5	23095	17.81	18	0
				714.5	23165	17.70	18	0
			4	700.5	23025	17.50	18	0
				707.5	23095	17.83	18	0
				714.5	23165	17.70	18	0
			7	700.5	23025	17.55	18	0
				707.5	23095	17.91	18	0
				714.5	23165	17.87	18	0
		15RB		700.5	23025	17.51	18	0
				707.5	23095	17.81	18	0
				714.5	23165	17.75	18	0
	16-QAM	1 RB	0	700.5	23025	17.64	18	0
				707.5	23095	17.73	18	0
				714.5	23165	17.78	18	0
			7	700.5	23025	17.69	18	0
				707.5	23095	17.75	18	0
				714.5	23165	17.48	18	0
			14	700.5	23025	17.75	18	0
				707.5	23095	17.75	18	0
				714.5	23165	17.50	18	0
		8 RB	0	700.5	23025	17.44	18	0
				707.5	23095	17.78	18	0
				714.5	23165	17.58	18	0
			4	700.5	23025	17.56	18	0
				707.5	23095	17.90	18	0
				714.5	23165	17.58	18	0
			7	700.5	23025	17.52	18	0
				707.5	23095	17.40	18	0
				714.5	23165	17.67	18	0
		15RB		700.5	23025	17.45	18	0
				707.5	23095	17.78	18	0
				714.5	23165	17.57	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)
3	64-QAM	1 RB	0	700.5	23025	17.55	18	0
				707.5	23095	17.69	18	0
				714.5	23165	17.78	18	0
			7	700.5	23025	17.61	18	0
				707.5	23095	17.70	18	0
				714.5	23165	17.47	18	0
			14	700.5	23025	17.70	18	0
				707.5	23095	17.66	18	0
				714.5	23165	17.48	18	0
		8 RB	0	700.5	23025	17.41	18	0
				707.5	23095	17.78	18	0
				714.5	23165	17.48	18	0
			4	700.5	23025	17.48	18	0
				707.5	23095	17.84	18	0
				714.5	23165	17.54	18	0
			7	700.5	23025	17.45	18	0
				707.5	23095	17.34	18	0
				714.5	23165	17.66	18	0
		15RB		700.5	23025	17.45	18	0
				707.5	23095	17.72	18	0
				714.5	23165	17.55	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)
1.4	QPSK	1 RB	0	699.7	23017	17.50	18	0
				707.5	23095	17.84	18	0
				715.3	23173	17.88	18	0
			2	699.7	23017	17.55	18	0
				707.5	23095	17.83	18	0
				715.3	23173	17.89	18	0
			5	699.7	23017	17.59	18	0
				707.5	23095	17.85	18	0
				715.3	23173	17.96	18	0
		3 RB	0	699.7	23017	17.52	18	0
				707.5	23095	17.78	18	0
				715.3	23173	17.86	18	0
			2	699.7	23017	17.54	18	0
				707.5	23095	17.79	18	0
				715.3	23173	17.90	18	0
			3	699.7	23017	17.56	18	0
				707.5	23095	17.82	18	0
				715.3	23173	17.91	18	0
		6RB		699.7	23017	17.51	18	0
				707.5	23095	17.79	18	0
				715.3	23173	17.83	18	0
	16-QAM	1 RB	0	699.7	23017	17.21	18	0
				707.5	23095	17.55	18	0
				715.3	23173	17.77	18	0
			2	699.7	23017	17.75	18	0
				707.5	23095	17.91	18	0
				715.3	23173	17.64	18	0
			5	699.7	23017	17.04	18	0
				707.5	23095	17.81	18	0
				715.3	23173	17.62	18	0
		3 RB	0	699.7	23017	17.53	18	0
				707.5	23095	17.77	18	0
				715.3	23173	17.58	18	0
			2	699.7	23017	17.41	18	0
				707.5	23095	17.93	18	0
				715.3	23173	17.75	18	0
			3	699.7	23017	17.57	18	0
				707.5	23095	17.77	18	0
				715.3	23173	17.70	18	0
		6RB		699.7	23017	17.62	18	0
				707.5	23095	17.78	18	0
				715.3	23173	17.76	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)
1.4	64-QAM	1 RB	0	699.7	23017	17.17	18	0
				707.5	23095	17.49	18	0
				715.3	23173	17.70	18	0
			2	699.7	23017	17.74	18	0
				707.5	23095	17.91	18	0
				715.3	23173	17.54	18	0
			5	699.7	23017	17.04	18	0
				707.5	23095	17.74	18	0
				715.3	23173	17.61	18	0
		3 RB	0	699.7	23017	17.51	18	0
				707.5	23095	17.77	18	0
				715.3	23173	17.54	18	0
			2	699.7	23017	17.39	18	0
				707.5	23095	17.90	18	0
				715.3	23173	17.66	18	0
			3	699.7	23017	17.52	18	0
				707.5	23095	17.76	18	0
				715.3	23173	17.66	18	0
		6RB		699.7	23017	17.58	18	0
				707.5	23095	17.75	18	0
				715.3	23173	17.76	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)
10	QPSK	1 RB	0	782	23230	18.70	19	0
			25	782	23230	18.93	19	0
			49	782	23230	18.80	19	0
		25 RB	0	782	23230	18.95	19	0
			12	782	23230	18.93	19	0
			25	782	23230	19.00	19	0
		50RB		782	23230	18.96	19	0
	16-QAM	1 RB	0	782	23230	18.67	19	0
			25	782	23230	18.50	19	0
			49	782	23230	18.93	19	0
		25 RB	0	782	23230	18.92	19	0
			12	782	23230	18.93	19	0
			25	782	23230	18.90	19	0
		50RB		782	23230	18.91	19	0
	64-QAM	1 RB	0	782	23230	18.62	19	0
			25	782	23230	18.49	19	0
			49	782	23230	18.92	19	0
		25 RB	0	782	23230	18.82	19	0
			12	782	23230	18.92	19	0
			25	782	23230	18.83	19	0
		50RB		782	23230	18.84	19	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	18.59	19	0
				782	23230	18.81	19	0
				784.5	23255	18.75	19	0
			12	779.5	23205	18.91	19	0
				782	23230	18.77	19	0
				784.5	23255	18.79	19	0
			24	779.5	23205	18.83	19	0
				782	23230	18.85	19	0
				784.5	23255	18.73	19	0
		12 RB	0	779.5	23205	18.63	19	0
				782	23230	18.81	19	0
				784.5	23255	18.70	19	0
			6	779.5	23205	18.88	19	0
				782	23230	18.76	19	0
				784.5	23255	18.86	19	0
			13	779.5	23205	18.86	19	0
				782	23230	18.76	19	0
				784.5	23255	18.76	19	0
		25RB		779.5	23205	18.85	19	0
				782	23230	18.83	19	0
				784.5	23255	18.82	19	0
	16-QAM	1 RB	0	779.5	23205	18.44	19	0
				782	23230	18.80	19	0
				784.5	23255	18.51	19	0
			12	779.5	23205	18.81	19	0
				782	23230	18.71	19	0
				784.5	23255	18.79	19	0
			24	779.5	23205	18.66	19	0
				782	23230	18.62	19	0
				784.5	23255	18.47	19	0
		12 RB	0	779.5	23205	18.66	19	0
				782	23230	18.69	19	0
				784.5	23255	18.72	19	0
			6	779.5	23205	18.80	19	0
				782	23230	18.79	19	0
				784.5	23255	18.85	19	0
			13	779.5	23205	18.80	19	0
				782	23230	18.64	19	0
				784.5	23255	18.67	19	0
		25RB		779.5	23205	18.73	19	0
				782	23230	18.71	19	0
				784.5	23255	18.85	19	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	18.41	19	0
				782	23230	18.75	19	0
				784.5	23255	18.45	19	0
			12	779.5	23205	18.75	19	0
				782	23230	18.64	19	0
				784.5	23255	18.76	19	0
			24	779.5	23205	18.63	19	0
				782	23230	18.53	19	0
				784.5	23255	18.39	19	0
		12 RB	0	779.5	23205	18.64	19	0
				782	23230	18.68	19	0
				784.5	23255	18.62	19	0
			6	779.5	23205	18.72	19	0
				782	23230	18.72	19	0
				784.5	23255	18.81	19	0
			13	779.5	23205	18.73	19	0
				782	23230	18.61	19	0
				784.5	23255	18.65	19	0
		25RB		779.5	23205	18.69	19	0
				782	23230	18.65	19	0
				784.5	23255	18.82	19	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	18.89	19	0
			25	793	23330	18.68	19	0
			49	793	23330	18.58	19	0
		25 RB	0	793	23330	18.63	19	0
			12	793	23330	18.68	19	0
			25	793	23330	18.46	19	0
		50RB		793	23330	18.58	19	0
	16-QAM	1 RB	0	793	23330	18.88	19	0
			25	793	23330	18.68	19	0
			49	793	23330	18.35	19	0
		25 RB	0	793	23330	18.66	19	0
			12	793	23330	18.59	19	0
			25	793	23330	18.54	19	0
		50RB		793	23330	18.56	19	0
	64-QAM	1 RB	0	793	23330	18.84	19	0
			25	793	23330	18.58	19	0
			49	793	23330	18.26	19	0
		25 RB	0	793	23330	18.63	19	0
			12	793	23330	18.58	19	0
			25	793	23330	18.49	19	0
		50RB		793	23330	18.49	19	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	18.56	19	0
				793	23330	18.32	19	0
				795.5	23355	18.72	19	0
			12	790.5	23305	18.50	19	0
				793	23330	18.58	19	0
				795.5	23355	18.41	19	0
			24	790.5	23305	18.44	19	0
				793	23330	18.64	19	0
				795.5	23355	18.28	19	0
		12 RB	0	790.5	23305	18.45	19	0
				793	23330	18.49	19	0
				795.5	23355	18.34	19	0
			6	790.5	23305	18.48	19	0
				793	23330	18.59	19	0
				795.5	23355	18.40	19	0
			13	790.5	23305	18.48	19	0
				793	23330	18.33	19	0
				795.5	23355	18.37	19	0
		25RB		790.5	23305	18.48	19	0
				793	23330	18.53	19	0
				795.5	23355	18.42	19	0
	16-QAM	1 RB	0	790.5	23305	18.61	19	0
				793	23330	18.35	19	0
				795.5	23355	18.36	19	0
			12	790.5	23305	18.55	19	0
				793	23330	18.39	19	0
				795.5	23355	18.28	19	0
			24	790.5	23305	18.66	19	0
				793	23330	18.55	19	0
				795.5	23355	18.44	19	0
		12 RB	0	790.5	23305	18.39	19	0
				793	23330	18.44	19	0
				795.5	23355	18.21	19	0
			6	790.5	23305	18.45	19	0
				793	23330	18.54	19	0
				795.5	23355	18.29	19	0
			13	790.5	23305	18.44	19	0
				793	23330	18.24	19	0
				795.5	23355	18.33	19	0
		25RB		790.5	23305	18.46	19	0
				793	23330	18.43	19	0
				795.5	23355	18.36	19	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	64-QAM	1 RB	0	790.5	23305	18.53	19	0
				793	23330	18.33	19	0
				795.5	23355	18.35	19	0
			12	790.5	23305	18.50	19	0
				793	23330	18.31	19	0
				795.5	23355	18.20	19	0
			24	790.5	23305	18.58	19	0
				793	23330	18.52	19	0
				795.5	23355	18.41	19	0
		12 RB	0	790.5	23305	18.32	19	0
				793	23330	18.42	19	0
				795.5	23355	18.16	19	0
			6	790.5	23305	18.42	19	0
				793	23330	18.44	19	0
				795.5	23355	18.21	19	0
			13	790.5	23305	18.38	19	0
				793	23330	18.22	19	0
				795.5	23355	18.29	19	0
		25RB		790.5	23305	18.38	19	0
				793	23330	18.43	19	0
				795.5	23355	18.29	19	0

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FDD Band 17								
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	709	23780	17.87	18	0
				710	23790	17.98	18	0
				711	23800	17.89	18	0
			25	709	23780	17.93	18	0
				710	23790	17.94	18	0
				711	23800	17.71	18	0
			49	709	23780	17.89	18	0
				710	23790	17.87	18	0
				711	23800	17.76	18	0
		25 RB	0	709	23780	17.81	18	0
				710	23790	17.80	18	0
				711	23800	17.91	18	0
			12	709	23780	17.89	18	0
				710	23790	17.83	18	0
				711	23800	17.92	18	0
			25	709	23780	17.69	18	0
				710	23790	17.81	18	0
				711	23800	17.87	18	0
		50RB		709	23780	17.82	18	0
				710	23790	17.92	18	0
				711	23800	17.96	18	0
	16-QAM	1 RB	0	709	23780	17.97	18	0
				710	23790	17.93	18	0
				711	23800	17.51	18	0
			25	709	23780	17.36	18	0
				710	23790	17.62	18	0
				711	23800	17.80	18	0
			49	709	23780	17.91	18	0
				710	23790	17.92	18	0
				711	23800	17.82	18	0
		25 RB	0	709	23780	17.45	18	0
				710	23790	17.32	18	0
				711	23800	17.39	18	0
			12	709	23780	17.49	18	0
				710	23790	17.53	18	0
				711	23800	17.59	18	0
			25	709	23780	17.62	18	0
				710	23790	17.70	18	0
				711	23800	17.60	18	0
		50RB		709	23780	17.41	18	0
				710	23790	17.50	18	0
				711	23800	17.52	18	0

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FDD Band 17								
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	709	23780	17.88	18	0
				710	23790	17.83	18	0
				711	23800	17.49	18	0
			25	709	23780	17.27	18	0
				710	23790	17.59	18	0
				711	23800	17.79	18	0
			49	709	23780	17.82	18	0
				710	23790	17.85	18	0
				711	23800	17.77	18	0
		25 RB	0	709	23780	17.40	18	0
				710	23790	17.30	18	0
				711	23800	17.33	18	0
			12	709	23780	17.42	18	0
				710	23790	17.45	18	0
				711	23800	17.59	18	0
			25	709	23780	17.58	18	0
				710	23790	17.68	18	0
				711	23800	17.58	18	0
		50RB		709	23780	17.35	18	0
				710	23790	17.47	18	0
				711	23800	17.49	18	0

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FDD Band 17								
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	706.5	23755	17.85	18	0
				710	23790	17.93	18	0
				713.5	23825	17.44	18	0
			12	706.5	23755	17.88	18	0
				710	23790	17.91	18	0
				713.5	23825	17.36	18	0
			24	706.5	23755	17.97	18	0
				710	23790	17.52	18	0
				713.5	23825	17.41	18	0
		12 RB	0	706.5	23755	17.87	18	0
				710	23790	17.89	18	0
				713.5	23825	17.56	18	0
			6	706.5	23755	17.89	18	0
				710	23790	17.89	18	0
				713.5	23825	17.57	18	0
			13	706.5	23755	17.93	18	0
				710	23790	17.46	18	0
				713.5	23825	17.52	18	0
		25RB		706.5	23755	17.93	18	0
				710	23790	17.57	18	0
				713.5	23825	17.61	18	0
	16-QAM	1 RB	0	706.5	23755	17.47	18	0
				710	23790	17.43	18	0
				713.5	23825	17.45	18	0
			12	706.5	23755	17.41	18	0
				710	23790	17.12	18	0
				713.5	23825	17.30	18	0
			24	706.5	23755	17.49	18	0
				710	23790	17.42	18	0
				713.5	23825	17.32	18	0
		12 RB	0	706.5	23755	17.56	18	0
				710	23790	17.66	18	0
				713.5	23825	17.76	18	0
			6	706.5	23755	17.57	18	0
				710	23790	17.43	18	0
				713.5	23825	17.49	18	0
			13	706.5	23755	17.44	18	0
				710	23790	17.20	18	0
				713.5	23825	17.31	18	0
		25RB		706.5	23755	17.51	18	0
				710	23790	17.50	18	0
				713.5	23825	17.42	18	0

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FDD Band 17								
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	706.5	23755	17.38	18	0
				710	23790	17.35	18	0
				713.5	23825	17.39	18	0
			12	706.5	23755	17.35	18	0
				710	23790	17.07	18	0
				713.5	23825	17.28	18	0
			24	706.5	23755	17.43	18	0
				710	23790	17.41	18	0
				713.5	23825	17.30	18	0
		12 RB	0	706.5	23755	17.54	18	0
				710	23790	17.61	18	0
				713.5	23825	17.69	18	0
			6	706.5	23755	17.50	18	0
				710	23790	17.41	18	0
				713.5	23825	17.44	18	0
			13	706.5	23755	17.43	18	0
				710	23790	17.19	18	0
				713.5	23825	17.30	18	0
		25RB		706.5	23755	17.45	18	0
				710	23790	17.43	18	0
				713.5	23825	17.34	18	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	16.70	17	0
				1882.5	26365	16.63	17	0
				1905	26590	16.32	17	0
			50	1860	26140	16.68	17	0
				1882.5	26365	16.57	17	0
				1905	26590	16.46	17	0
			99	1860	26140	16.80	17	0
				1882.5	26365	16.35	17	0
				1905	26590	16.50	17	0
		50 RB	0	1860	26140	16.96	17	0
				1882.5	26365	16.89	17	0
				1905	26590	16.85	17	0
			25	1860	26140	16.78	17	0
				1882.5	26365	16.57	17	0
				1905	26590	16.59	17	0
			50	1860	26140	16.72	17	0
				1882.5	26365	16.51	17	0
				1905	26590	16.54	17	0
		100RB		1860	26140	16.78	17	0
				1882.5	26365	16.57	17	0
				1905	26590	16.62	17	0
	16-QAM	1 RB	0	1860	26140	16.88	17	0
				1882.5	26365	16.84	17	0
				1905	26590	16.78	17	0
			50	1860	26140	16.91	17	0
				1882.5	26365	16.78	17	0
				1905	26590	16.79	17	0
			99	1860	26140	16.81	17	0
				1882.5	26365	16.94	17	0
				1905	26590	16.89	17	0
		50 RB	0	1860	26140	16.88	17	0
				1882.5	26365	16.70	17	0
				1905	26590	16.63	17	0
			25	1860	26140	16.83	17	0
				1882.5	26365	16.63	17	0
				1905	26590	16.66	17	0
			50	1860	26140	16.81	17	0
				1882.5	26365	16.63	17	0
				1905	26590	16.60	17	0
		100RB		1860	26140	16.83	17	0
				1882.5	26365	16.63	17	0
				1905	26590	16.61	17	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	16.87	17	0
				1882.5	26365	16.76	17	0
				1905	26590	16.73	17	0
			50	1860	26140	16.88	17	0
				1882.5	26365	16.74	17	0
				1905	26590	16.73	17	0
			99	1860	26140	16.71	17	0
				1882.5	26365	16.89	17	0
				1905	26590	16.88	17	0
		50 RB	0	1860	26140	16.83	17	0
				1882.5	26365	16.61	17	0
				1905	26590	16.53	17	0
			25	1860	26140	16.74	17	0
				1882.5	26365	16.60	17	0
				1905	26590	16.62	17	0
			50	1860	26140	16.74	17	0
				1882.5	26365	16.57	17	0
				1905	26590	16.59	17	0
		100RB		1860	26140	16.81	17	0
				1882.5	26365	16.60	17	0
				1905	26590	16.54	17	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	16.65	17	0
				1882.5	26365	16.71	17	0
				1907.5	26615	16.47	17	0
			36	1857.5	26115	16.80	17	0
				1882.5	26365	16.51	17	0
				1907.5	26615	16.61	17	0
			74	1857.5	26115	16.70	17	0
				1882.5	26365	16.40	17	0
				1907.5	26615	16.47	17	0
		36 RB	0	1857.5	26115	16.83	17	0
				1882.5	26365	16.70	17	0
				1907.5	26615	16.59	17	0
			18	1857.5	26115	16.81	17	0
				1882.5	26365	16.67	17	0
				1907.5	26615	16.62	17	0
			37	1857.5	26115	16.80	17	0
				1882.5	26365	16.49	17	0
				1907.5	26615	16.51	17	0
		75RB		1857.5	26115	16.76	17	0
				1882.5	26365	16.54	17	0
				1907.5	26615	16.63	17	0
	16-QAM	1 RB	0	1857.5	26115	16.75	17	0
				1882.5	26365	16.82	17	0
				1907.5	26615	16.74	17	0
			36	1857.5	26115	16.72	17	0
				1882.5	26365	16.88	17	0
				1907.5	26615	16.77	17	0
			74	1857.5	26115	16.74	17	0
				1882.5	26365	16.72	17	0
				1907.5	26615	16.81	17	0
		36 RB	0	1857.5	26115	16.93	17	0
				1882.5	26365	16.76	17	0
				1907.5	26615	16.64	17	0
			18	1857.5	26115	16.93	17	0
				1882.5	26365	16.74	17	0
				1907.5	26615	16.68	17	0
			37	1857.5	26115	16.83	17	0
				1882.5	26365	16.57	17	0
				1907.5	26615	16.57	17	0
		75RB		1857.5	26115	16.83	17	0
				1882.5	26365	16.58	17	0
				1907.5	26615	16.66	17	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	16.69	17	0
				1882.5	26365	16.73	17	0
				1907.5	26615	16.67	17	0
			36	1857.5	26115	16.68	17	0
				1882.5	26365	16.87	17	0
				1907.5	26615	16.71	17	0
			74	1857.5	26115	16.72	17	0
				1882.5	26365	16.69	17	0
				1907.5	26615	16.79	17	0
		36 RB	0	1857.5	26115	16.91	17	0
				1882.5	26365	16.75	17	0
				1907.5	26615	16.60	17	0
			18	1857.5	26115	16.88	17	0
				1882.5	26365	16.73	17	0
				1907.5	26615	16.60	17	0
			37	1857.5	26115	16.79	17	0
				1882.5	26365	16.52	17	0
				1907.5	26615	16.51	17	0
		75RB		1857.5	26115	16.78	17	0
				1882.5	26365	16.53	17	0
				1907.5	26615	16.62	17	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	16.67	17	0
				1882.5	26365	16.68	17	0
				1910	26640	16.65	17	0
			25	1855	26090	16.91	17	0
				1882.5	26365	16.65	17	0
				1910	26640	16.39	17	0
			49	1855	26090	16.71	17	0
				1882.5	26365	16.39	17	0
				1910	26640	16.46	17	0
		25 RB	0	1855	26090	16.83	17	0
				1882.5	26365	16.67	17	0
				1910	26640	16.59	17	0
			12	1855	26090	16.83	17	0
				1882.5	26365	16.69	17	0
				1910	26640	16.50	17	0
			25	1855	26090	16.79	17	0
				1882.5	26365	16.58	17	0
				1910	26640	16.46	17	0
		50RB		1855	26090	16.86	17	0
				1882.5	26365	16.57	17	0
				1910	26640	16.52	17	0
	16-QAM	1 RB	0	1855	26090	16.86	17	0
				1882.5	26365	16.87	17	0
				1910	26640	16.79	17	0
			25	1855	26090	16.83	17	0
				1882.5	26365	16.79	17	0
				1910	26640	16.84	17	0
			49	1855	26090	16.95	17	0
				1882.5	26365	16.80	17	0
				1910	26640	16.70	17	0
		25 RB	0	1855	26090	16.93	17	0
				1882.5	26365	16.76	17	0
				1910	26640	16.62	17	0
			12	1855	26090	16.94	17	0
				1882.5	26365	16.69	17	0
				1910	26640	16.52	17	0
			25	1855	26090	16.81	17	0
				1882.5	26365	16.65	17	0
				1910	26640	16.61	17	0
		50RB		1855	26090	16.90	17	0
				1882.5	26365	16.63	17	0
				1910	26640	16.61	17	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	16.84	17	0
				1882.5	26365	16.87	17	0
				1910	26640	16.73	17	0
			25	1855	26090	16.74	17	0
				1882.5	26365	16.75	17	0
				1910	26640	16.79	17	0
			49	1855	26090	16.87	17	0
				1882.5	26365	16.77	17	0
				1910	26640	16.65	17	0
		25 RB	0	1855	26090	16.83	17	0
				1882.5	26365	16.72	17	0
				1910	26640	16.53	17	0
			12	1855	26090	16.85	17	0
				1882.5	26365	16.66	17	0
				1910	26640	16.48	17	0
			25	1855	26090	16.78	17	0
				1882.5	26365	16.59	17	0
				1910	26640	16.54	17	0
		50RB		1855	26090	16.81	17	0
				1882.5	26365	16.62	17	0
				1910	26640	16.57	17	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	QPSK	1 RB	0	1852.5	26065	16.64	17	0
				1882.5	26365	16.58	17	0
				1912.5	26665	16.43	17	0
			12	1852.5	26065	16.74	17	0
				1882.5	26365	16.52	17	0
				1912.5	26665	16.33	17	0
			24	1852.5	26065	16.78	17	0
				1882.5	26365	16.49	17	0
				1912.5	26665	16.52	17	0
		12 RB	0	1852.5	26065	16.56	17	0
				1882.5	26365	16.58	17	0
				1912.5	26665	16.30	17	0
			6	1852.5	26065	16.68	17	0
				1882.5	26365	16.57	17	0
				1912.5	26665	16.30	17	0
			13	1852.5	26065	16.67	17	0
				1882.5	26365	16.49	17	0
				1912.5	26665	16.37	17	0
		25RB		1852.5	26065	16.64	17	0
				1882.5	26365	16.48	17	0
				1912.5	26665	16.30	17	0
	16-QAM	1 RB	0	1852.5	26065	16.67	17	0
				1882.5	26365	16.81	17	0
				1912.5	26665	16.48	17	0
			12	1852.5	26065	16.56	17	0
				1882.5	26365	16.81	17	0
				1912.5	26665	16.78	17	0
			24	1852.5	26065	16.58	17	0
				1882.5	26365	16.68	17	0
				1912.5	26665	16.71	17	0
		12 RB	0	1852.5	26065	16.58	17	0
				1882.5	26365	16.51	17	0
				1912.5	26665	16.27	17	0
			6	1852.5	26065	16.70	17	0
				1882.5	26365	16.51	17	0
				1912.5	26665	16.22	17	0
			13	1852.5	26065	16.79	17	0
				1882.5	26365	16.50	17	0
				1912.5	26665	16.30	17	0
		25RB		1852.5	26065	16.69	17	0
				1882.5	26365	16.48	17	0
				1912.5	26665	16.27	17	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	16.62	17	0
				1882.5	26365	16.80	17	0
				1912.5	26665	16.40	17	0
			12	1852.5	26065	16.56	17	0
				1882.5	26365	16.73	17	0
				1912.5	26665	16.77	17	0
			24	1852.5	26065	16.56	17	0
				1882.5	26365	16.59	17	0
				1912.5	26665	16.66	17	0
		12 RB	0	1852.5	26065	16.52	17	0
				1882.5	26365	16.42	17	0
				1912.5	26665	16.26	17	0
			6	1852.5	26065	16.64	17	0
				1882.5	26365	16.51	17	0
				1912.5	26665	16.16	17	0
			13	1852.5	26065	16.72	17	0
				1882.5	26365	16.41	17	0
				1912.5	26665	16.28	17	0
		25RB		1852.5	26065	16.68	17	0
				1882.5	26365	16.42	17	0
				1912.5	26665	16.25	17	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	16.56	17	0
				1882.5	26365	16.58	17	0
				1913.5	26675	16.33	17	0
			7	1851.5	26055	16.68	17	0
				1882.5	26365	16.45	17	0
				1913.5	26675	16.43	17	0
			14	1851.5	26055	16.72	17	0
				1882.5	26365	16.30	17	0
				1913.5	26675	16.41	17	0
		8 RB	0	1851.5	26055	16.44	17	0
				1882.5	26365	16.32	17	0
				1913.5	26675	16.20	17	0
			4	1851.5	26055	16.45	17	0
				1882.5	26365	16.30	17	0
				1913.5	26675	16.31	17	0
			7	1851.5	26055	16.51	17	0
				1882.5	26365	16.31	17	0
				1913.5	26675	16.27	17	0
		15RB		1851.5	26055	16.51	17	0
				1882.5	26365	16.37	17	0
				1913.5	26675	16.30	17	0
	16-QAM	1 RB	0	1851.5	26055	16.69	17	0
				1882.5	26365	16.65	17	0
				1913.5	26675	16.92	17	0
			7	1851.5	26055	16.74	17	0
				1882.5	26365	16.71	17	0
				1913.5	26675	16.58	17	0
			14	1851.5	26055	16.86	17	0
				1882.5	26365	16.48	17	0
				1913.5	26675	16.45	17	0
		8 RB	0	1851.5	26055	16.52	17	0
				1882.5	26365	16.44	17	0
				1913.5	26675	16.26	17	0
			4	1851.5	26055	16.58	17	0
				1882.5	26365	16.43	17	0
				1913.5	26675	16.18	17	0
			7	1851.5	26055	16.64	17	0
				1882.5	26365	16.36	17	0
				1913.5	26675	16.12	17	0
		15RB		1851.5	26055	16.50	17	0
				1882.5	26365	16.27	17	0
				1913.5	26675	16.23	17	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	16.61	17	0
				1882.5	26365	16.58	17	0
				1913.5	26675	16.90	17	0
			7	1851.5	26055	16.70	17	0
				1882.5	26365	16.68	17	0
				1913.5	26675	16.57	17	0
			14	1851.5	26055	16.80	17	0
				1882.5	26365	16.42	17	0
				1913.5	26675	16.44	17	0
		8 RB	0	1851.5	26055	16.49	17	0
				1882.5	26365	16.43	17	0
				1913.5	26675	16.21	17	0
			4	1851.5	26055	16.56	17	0
				1882.5	26365	16.43	17	0
				1913.5	26675	16.18	17	0
			7	1851.5	26055	16.55	17	0
				1882.5	26365	16.33	17	0
				1913.5	26675	16.12	17	0
		15RB		1851.5	26055	16.43	17	0
				1882.5	26365	16.25	17	0
				1913.5	26675	16.14	17	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	16.57	17	0
				1882.5	26365	16.59	17	0
				1914.3	26683	16.40	17	0
			2	1850.7	26047	16.56	17	0
				1882.5	26365	16.67	17	0
				1914.3	26683	16.46	17	0
			5	1850.7	26047	16.73	17	0
				1882.5	26365	16.49	17	0
				1914.3	26683	16.48	17	0
		3 RB	0	1850.7	26047	16.58	17	0
				1882.5	26365	16.52	17	0
				1914.3	26683	16.38	17	0
			2	1850.7	26047	16.40	17	0
				1882.5	26365	16.35	17	0
				1914.3	26683	16.27	17	0
			3	1850.7	26047	16.48	17	0
				1882.5	26365	16.50	17	0
				1914.3	26683	16.39	17	0
		6RB		1850.7	26047	16.50	17	0
				1882.5	26365	16.27	17	0
				1914.3	26683	16.33	17	0
	16-QAM	1 RB	0	1850.7	26047	16.95	17	0
				1882.5	26365	16.85	17	0
				1914.3	26683	16.81	17	0
			2	1850.7	26047	16.84	17	0
				1882.5	26365	16.95	17	0
				1914.3	26683	16.76	17	0
			5	1850.7	26047	16.93	17	0
				1882.5	26365	16.91	17	0
				1914.3	26683	16.76	17	0
		3 RB	0	1850.7	26047	16.57	17	0
				1882.5	26365	16.85	17	0
				1914.3	26683	16.54	17	0
			2	1850.7	26047	16.80	17	0
				1882.5	26365	16.37	17	0
				1914.3	26683	16.47	17	0
			3	1850.7	26047	16.44	17	0
				1882.5	26365	16.51	17	0
				1914.3	26683	16.17	17	0
		6RB		1850.7	26047	16.56	17	0
				1882.5	26365	16.30	17	0
				1914.3	26683	16.23	17	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	16.93	17	0
				1882.5	26365	16.82	17	0
				1914.3	26683	16.79	17	0
			2	1850.7	26047	16.81	17	0
				1882.5	26365	16.87	17	0
				1914.3	26683	16.67	17	0
			5	1850.7	26047	16.87	17	0
				1882.5	26365	16.88	17	0
				1914.3	26683	16.75	17	0
		3 RB	0	1850.7	26047	16.52	17	0
				1882.5	26365	16.84	17	0
				1914.3	26683	16.53	17	0
			2	1850.7	26047	16.76	17	0
				1882.5	26365	16.37	17	0
				1914.3	26683	16.40	17	0
			3	1850.7	26047	16.41	17	0
				1882.5	26365	16.45	17	0
				1914.3	26683	16.07	17	0
		6RB		1850.7	26047	16.50	17	0
				1882.5	26365	16.24	17	0
				1914.3	26683	16.17	17	0

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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	822.5	26825	18.55	19	0
				831.5	26865	18.60	19	0
				841.5	26965	18.72	19	0
			36	822.5	26825	18.75	19	0
				831.5	26865	18.63	19	0
				841.5	26965	18.98	19	0
			74	822.5	26825	18.82	19	0
				831.5	26865	18.85	19	0
				841.5	26965	18.86	19	0
		36 RB	0	822.5	26825	18.51	19	0
				831.5	26865	18.60	19	0
				841.5	26965	18.77	19	0
			18	822.5	26825	18.61	19	0
				831.5	26865	18.68	19	0
				841.5	26965	18.97	19	0
			37	822.5	26825	18.64	19	0
				831.5	26865	18.70	19	0
				841.5	26965	18.87	19	0
		75RB		822.5	26825	18.71	19	0
				831.5	26865	18.71	19	0
				841.5	26965	18.92	19	0
	16-QAM	1 RB	0	822.5	26825	18.83	19	0
				831.5	26865	18.82	19	0
				841.5	26965	18.81	19	0
			36	822.5	26825	18.71	19	0
				831.5	26865	18.71	19	0
				841.5	26965	18.53	19	0
			74	822.5	26825	18.89	19	0
				831.5	26865	18.76	19	0
				841.5	26965	18.68	19	0
		36 RB	0	822.5	26825	18.40	19	0
				831.5	26865	18.54	19	0
				841.5	26965	18.76	19	0
			18	822.5	26825	18.55	19	0
				831.5	26865	18.65	19	0
				841.5	26965	18.80	19	0
			37	822.5	26825	18.56	19	0
				831.5	26865	18.61	19	0
				841.5	26965	18.72	19	0
		75RB		822.5	26825	18.46	19	0
				831.5	26865	18.61	19	0
				841.5	26965	18.86	19	0

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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	822.5	26825	18.74	19	0
				831.5	26865	18.78	19	0
				841.5	26965	18.79	19	0
			36	822.5	26825	18.65	19	0
				831.5	26865	18.66	19	0
				841.5	26965	18.45	19	0
			74	822.5	26825	18.82	19	0
				831.5	26865	18.72	19	0
				841.5	26965	18.65	19	0
		36 RB	0	822.5	26825	18.34	19	0
				831.5	26865	18.48	19	0
				841.5	26965	18.73	19	0
			18	822.5	26825	18.50	19	0
				831.5	26865	18.57	19	0
				841.5	26965	18.79	19	0
			37	822.5	26825	18.54	19	0
				831.5	26865	18.57	19	0
				841.5	26965	18.68	19	0
		75RB		822.5	26825	18.46	19	0
				831.5	26865	18.55	19	0
				841.5	26965	18.82	19	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	QPSK	1 RB	0	820	26750	18.91	19	0
				831.5	26865	18.93	19	0
				844	26990	18.96	19	0
			25	820	26750	18.75	19	0
				831.5	26865	18.97	19	0
				844	26990	18.90	19	0
			49	820	26750	18.66	19	0
				831.5	26865	18.73	19	0
				844	26990	18.86	19	0
		25 RB	0	820	26750	18.89	19	0
				831.5	26865	18.95	19	0
				844	26990	18.97	19	0
			12	820	26750	18.65	19	0
				831.5	26865	18.68	19	0
				844	26990	18.95	19	0
			25	820	26750	18.64	19	0
				831.5	26865	18.68	19	0
				844	26990	18.89	19	0
		50RB		820	26750	18.66	19	0
				831.5	26865	18.71	19	0
				844	26990	18.84	19	0
	16-QAM	1 RB	0	820	26750	18.62	19	0
				831.5	26865	18.71	19	0
				844	26990	18.65	19	0
			25	820	26750	18.76	19	0
				831.5	26865	18.94	19	0
				844	26990	18.60	19	0
			49	820	26750	18.66	19	0
				831.5	26865	18.61	19	0
				844	26990	18.79	19	0
		25 RB	0	820	26750	18.44	19	0
				831.5	26865	18.58	19	0
				844	26990	18.79	19	0
			12	820	26750	18.52	19	0
				831.5	26865	18.67	19	0
				844	26990	18.71	19	0
			25	820	26750	18.53	19	0
				831.5	26865	18.71	19	0
				844	26990	18.80	19	0
		50RB		820	26750	18.51	19	0
				831.5	26865	18.56	19	0
				844	26990	18.72	19	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	64-QAM	1 RB	0	820	26750	18.52	19	0
				831.5	26865	18.64	19	0
				844	26990	18.64	19	0
			25	820	26750	18.72	19	0
				831.5	26865	18.86	19	0
				844	26990	18.55	19	0
			49	820	26750	18.60	19	0
				831.5	26865	18.58	19	0
				844	26990	18.75	19	0
		25 RB	0	820	26750	18.38	19	0
				831.5	26865	18.53	19	0
				844	26990	18.78	19	0
			12	820	26750	18.50	19	0
				831.5	26865	18.59	19	0
				844	26990	18.71	19	0
			25	820	26750	18.45	19	0
				831.5	26865	18.63	19	0
				844	26990	18.76	19	0
		50RB		820	26750	18.48	19	0
				831.5	26865	18.54	19	0
				844	26990	18.72	19	0

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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	18.72	19	0
				831.5	26865	18.70	19	0
				846.5	27015	18.84	19	0
			12	816.5	26715	18.79	19	0
				831.5	26865	18.76	19	0
				846.5	27015	18.96	19	0
			24	816.5	26715	18.86	19	0
				831.5	26865	18.78	19	0
				846.5	27015	18.85	19	0
		12 RB	0	816.5	26715	18.70	19	0
				831.5	26865	18.68	19	0
				846.5	27015	18.94	19	0
			6	816.5	26715	18.79	19	0
				831.5	26865	18.77	19	0
				846.5	27015	18.89	19	0
			13	816.5	26715	18.78	19	0
				831.5	26865	18.78	19	0
				846.5	27015	18.91	19	0
		25RB		816.5	26715	18.82	19	0
				831.5	26865	18.77	19	0
				846.5	27015	18.90	19	0
	16-QAM	1 RB	0	816.5	26715	18.59	19	0
				831.5	26865	18.57	19	0
				846.5	27015	18.95	19	0
			12	816.5	26715	18.66	19	0
				831.5	26865	18.79	19	0
				846.5	27015	18.49	19	0
			24	816.5	26715	18.46	19	0
				831.5	26865	18.53	19	0
				846.5	27015	18.76	19	0
		12 RB	0	816.5	26715	18.66	19	0
				831.5	26865	18.50	19	0
				846.5	27015	18.93	19	0
			6	816.5	26715	18.79	19	0
				831.5	26865	18.67	19	0
				846.5	27015	18.90	19	0
			13	816.5	26715	18.85	19	0
				831.5	26865	18.62	19	0
				846.5	27015	18.84	19	0
		25RB		816.5	26715	18.70	19	0
				831.5	26865	18.61	19	0
				846.5	27015	18.83	19	0

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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	18.58	19	0
				831.5	26865	18.47	19	0
				846.5	27015	18.85	19	0
			12	816.5	26715	18.56	19	0
				831.5	26865	18.72	19	0
				846.5	27015	18.45	19	0
			24	816.5	26715	18.38	19	0
				831.5	26865	18.45	19	0
				846.5	27015	18.76	19	0
		12 RB	0	816.5	26715	18.61	19	0
				831.5	26865	18.41	19	0
				846.5	27015	18.91	19	0
			6	816.5	26715	18.79	19	0
				831.5	26865	18.63	19	0
				846.5	27015	18.87	19	0
			13	816.5	26715	18.81	19	0
				831.5	26865	18.59	19	0
				846.5	27015	18.79	19	0
		25RB		816.5	26715	18.67	19	0
				831.5	26865	18.61	19	0
				846.5	27015	18.75	19	0

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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	18.83	19	0
				831.5	26865	18.72	19	0
				847.5	27025	18.71	19	0
			7	815.5	26705	18.65	19	0
				831.5	26865	18.69	19	0
				847.5	27025	18.82	19	0
			14	815.5	26705	18.73	19	0
				831.5	26865	18.77	19	0
				847.5	27025	18.85	19	0
		8 RB	0	815.5	26705	18.94	19	0
				831.5	26865	18.97	19	0
				847.5	27025	18.77	19	0
			4	815.5	26705	18.94	19	0
				831.5	26865	18.71	19	0
				847.5	27025	18.80	19	0
			7	815.5	26705	18.65	19	0
				831.5	26865	18.70	19	0
				847.5	27025	18.81	19	0
		15RB		815.5	26705	18.94	19	0
				831.5	26865	18.71	19	0
				847.5	27025	18.74	19	0
	16-QAM	1 RB	0	815.5	26705	18.92	19	0
				831.5	26865	18.85	19	0
				847.5	27025	18.96	19	0
			7	815.5	26705	18.95	19	0
				831.5	26865	18.53	19	0
				847.5	27025	18.60	19	0
			14	815.5	26705	18.48	19	0
				831.5	26865	18.50	19	0
				847.5	27025	18.71	19	0
		8 RB	0	815.5	26705	18.54	19	0
				831.5	26865	18.54	19	0
				847.5	27025	18.71	19	0
			4	815.5	26705	18.56	19	0
				831.5	26865	18.61	19	0
				847.5	27025	18.75	19	0
			7	815.5	26705	18.67	19	0
				831.5	26865	18.69	19	0
				847.5	27025	18.82	19	0
		15RB		815.5	26705	18.42	19	0
				831.5	26865	18.61	19	0
				847.5	27025	18.64	19	0

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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	18.84	19	0
				831.5	26865	18.84	19	0
				847.5	27025	18.86	19	0
			7	815.5	26705	18.87	19	0
				831.5	26865	18.45	19	0
				847.5	27025	18.59	19	0
			14	815.5	26705	18.39	19	0
				831.5	26865	18.47	19	0
				847.5	27025	18.68	19	0
		8 RB	0	815.5	26705	18.49	19	0
				831.5	26865	18.51	19	0
				847.5	27025	18.67	19	0
			4	815.5	26705	18.49	19	0
				831.5	26865	18.52	19	0
				847.5	27025	18.70	19	0
			7	815.5	26705	18.57	19	0
				831.5	26865	18.63	19	0
				847.5	27025	18.73	19	0
		15RB		815.5	26705	18.35	19	0
				831.5	26865	18.61	19	0
				847.5	27025	18.55	19	0

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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	QPSK	1 RB	0	814.7	26697	18.95	19	0
				831.5	26865	18.81	19	0
				848.3	27033	18.92	19	0
			2	814.7	26697	18.72	19	0
				831.5	26865	18.72	19	0
				848.3	27033	18.97	19	0
			5	814.7	26697	18.70	19	0
				831.5	26865	18.78	19	0
				848.3	27033	18.77	19	0
		3 RB	0	814.7	26697	18.95	19	0
				831.5	26865	18.71	19	0
				848.3	27033	18.80	19	0
			2	814.7	26697	18.95	19	0
				831.5	26865	18.70	19	0
				848.3	27033	18.84	19	0
			3	814.7	26697	18.95	19	0
				831.5	26865	18.71	19	0
				848.3	27033	18.78	19	0
		6RB		814.7	26697	18.62	19	0
				831.5	26865	18.71	19	0
				848.3	27033	18.78	19	0
	16-QAM	1 RB	0	814.7	26697	18.90	19	0
				831.5	26865	18.81	19	0
				848.3	27033	18.65	19	0
			2	814.7	26697	18.61	19	0
				831.5	26865	18.92	19	0
				848.3	27033	18.53	19	0
			5	814.7	26697	18.95	19	0
				831.5	26865	18.91	19	0
				848.3	27033	18.95	19	0
		3 RB	0	814.7	26697	18.38	19	0
				831.5	26865	18.67	19	0
				848.3	27033	18.71	19	0
			2	814.7	26697	18.57	19	0
				831.5	26865	18.67	19	0
				848.3	27033	18.80	19	0
			3	814.7	26697	18.55	19	0
				831.5	26865	18.73	19	0
				848.3	27033	18.73	19	0
		6RB		814.7	26697	18.48	19	0
				831.5	26865	18.69	19	0
				848.3	27033	18.73	19	0

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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	18.86	19	0
				831.5	26865	18.80	19	0
				848.3	27033	18.58	19	0
			2	814.7	26697	18.56	19	0
				831.5	26865	18.87	19	0
				848.3	27033	18.51	19	0
			5	814.7	26697	18.94	19	0
				831.5	26865	18.89	19	0
				848.3	27033	18.93	19	0
		3 RB	0	814.7	26697	18.30	19	0
				831.5	26865	18.60	19	0
				848.3	27033	18.63	19	0
			2	814.7	26697	18.48	19	0
				831.5	26865	18.66	19	0
				848.3	27033	18.71	19	0
			3	814.7	26697	18.47	19	0
				831.5	26865	18.64	19	0
				848.3	27033	18.63	19	0
		6RB		814.7	26697	18.41	19	0
				831.5	26865	18.63	19	0
				848.3	27033	18.67	19	0

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FDD Band 30								
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	2310	27710	15.88	16	0
			25	2310	27710	15.96	16	0
			49	2310	27710	15.94	16	0
		25 RB	0	2310	27710	15.94	16	0
			12	2310	27710	15.97	16	0
			25	2310	27710	15.92	16	0
		50RB		2310	27710	15.90	16	0
	16-QAM	1 RB	0	2310	27710	15.83	16	0
			25	2310	27710	15.94	16	0
			49	2310	27710	15.81	16	0
		25 RB	0	2310	27710	15.70	16	0
			12	2310	27710	15.65	16	0
			25	2310	27710	15.74	16	0
		50RB		2310	27710	15.78	16	0
	64-QAM	1 RB	0	2310	27710	15.78	16	0
			25	2310	27710	15.88	16	0
			49	2310	27710	15.77	16	0
		25 RB	0	2310	27710	15.61	16	0
			12	2310	27710	15.60	16	0
			25	2310	27710	15.74	16	0
		50RB		2310	27710	15.74	16	0

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FDD Band 30								
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	2307.5	27685	15.82	16	0
				2310	27710	15.84	16	0
				2312.5	27735	15.90	16	0
			12	2307.5	27685	15.69	16	0
				2310	27710	15.88	16	0
				2312.5	27735	15.66	16	0
			24	2307.5	27685	15.66	16	0
				2310	27710	15.95	16	0
				2312.5	27735	15.74	16	0
		12 RB	0	2307.5	27685	15.67	16	0
				2310	27710	15.70	16	0
				2312.5	27735	15.95	16	0
			6	2307.5	27685	15.62	16	0
				2310	27710	15.75	16	0
				2312.5	27735	15.85	16	0
			13	2307.5	27685	15.70	16	0
				2310	27710	15.93	16	0
				2312.5	27735	15.68	16	0
		25RB		2307.5	27685	15.64	16	0
				2310	27710	15.83	16	0
				2312.5	27735	15.92	16	0
	16-QAM	1 RB	0	2307.5	27685	15.85	16	0
				2310	27710	15.71	16	0
				2312.5	27735	15.69	16	0
			12	2307.5	27685	15.69	16	0
				2310	27710	15.73	16	0
				2312.5	27735	15.85	16	0
			24	2307.5	27685	15.87	16	0
				2310	27710	15.51	16	0
				2312.5	27735	15.68	16	0
		12 RB	0	2307.5	27685	15.77	16	0
				2310	27710	15.68	16	0
				2312.5	27735	15.79	16	0
			6	2307.5	27685	15.58	16	0
				2310	27710	15.63	16	0
				2312.5	27735	15.86	16	0
			13	2307.5	27685	15.76	16	0
				2310	27710	15.94	16	0
				2312.5	27735	15.68	16	0
		25RB		2307.5	27685	15.54	16	0
				2310	27710	15.80	16	0
				2312.5	27735	15.82	16	0

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FDD Band 30								
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	2307.5	27685	15.78	16	0
				2310	27710	15.67	16	0
				2312.5	27735	15.69	16	0
			12	2307.5	27685	15.64	16	0
				2310	27710	15.68	16	0
				2312.5	27735	15.84	16	0
			24	2307.5	27685	15.81	16	0
				2310	27710	15.48	16	0
				2312.5	27735	15.62	16	0
		12 RB	0	2307.5	27685	15.69	16	0
				2310	27710	15.68	16	0
				2312.5	27735	15.69	16	0
			6	2307.5	27685	15.57	16	0
				2310	27710	15.62	16	0
				2312.5	27735	15.83	16	0
			13	2307.5	27685	15.72	16	0
				2310	27710	15.92	16	0
				2312.5	27735	15.64	16	0
		25RB		2307.5	27685	15.45	16	0
				2310	27710	15.70	16	0
				2312.5	27735	15.75	16	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	19.97	20	0
				1745	132322	19.84	20	0
				1770	132572	19.79	20	0
			50	1720	132072	19.77	20	0
				1745	132322	19.76	20	0
				1770	132572	19.76	20	0
			99	1720	132072	19.64	20	0
				1745	132322	19.64	20	0
				1770	132572	19.87	20	0
		50 RB	0	1720	132072	19.59	20	0
				1745	132322	19.64	20	0
				1770	132572	19.67	20	0
			25	1720	132072	19.64	20	0
				1745	132322	19.61	20	0
				1770	132572	19.72	20	0
			50	1720	132072	19.62	20	0
				1745	132322	19.53	20	0
				1770	132572	19.62	20	0
		100RB		1720	132072	19.71	20	0
				1745	132322	19.65	20	0
				1770	132572	19.77	20	0
	16-QAM	1 RB	0	1720	132072	19.73	20	0
				1745	132322	19.46	20	0
				1770	132572	19.92	20	0
			50	1720	132072	19.96	20	0
				1745	132322	19.88	20	0
				1770	132572	19.49	20	0
			99	1720	132072	19.64	20	0
				1745	132322	19.72	20	0
				1770	132572	19.55	20	0
		50 RB	0	1720	132072	19.76	20	0
				1745	132322	19.70	20	0
				1770	132572	19.68	20	0
			25	1720	132072	19.77	20	0
				1745	132322	19.72	20	0
				1770	132572	19.70	20	0
			50	1720	132072	19.73	20	0
				1745	132322	19.65	20	0
				1770	132572	19.61	20	0
		100RB		1720	132072	19.77	20	0
				1745	132322	19.71	20	0
				1770	132572	19.83	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	19.71	20	0
				1745	132322	19.40	20	0
				1770	132572	19.92	20	0
			50	1720	132072	19.91	20	0
				1745	132322	19.81	20	0
				1770	132572	19.42	20	0
			99	1720	132072	19.57	20	0
				1745	132322	19.70	20	0
				1770	132572	19.53	20	0
		50 RB	0	1720	132072	19.69	20	0
				1745	132322	19.66	20	0
				1770	132572	19.59	20	0
			25	1720	132072	19.75	20	0
				1745	132322	19.62	20	0
				1770	132572	19.65	20	0
			50	1720	132072	19.69	20	0
				1745	132322	19.59	20	0
				1770	132572	19.57	20	0
		100RB		1720	132072	19.67	20	0
				1745	132322	19.62	20	0
				1770	132572	19.81	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	19.76	20	0
				1745	132322	19.74	20	0
				1772.5	132597	19.93	20	0
			36	1717.5	132047	19.81	20	0
				1745	132322	19.70	20	0
				1772.5	132597	19.77	20	0
			74	1717.5	132047	19.78	20	0
				1745	132322	19.77	20	0
				1772.5	132597	19.61	20	0
		36 RB	0	1717.5	132047	19.54	20	0
				1745	132322	19.61	20	0
				1772.5	132597	19.71	20	0
			18	1717.5	132047	19.62	20	0
				1745	132322	19.64	20	0
				1772.5	132597	19.61	20	0
			37	1717.5	132047	19.64	20	0
				1745	132322	19.56	20	0
				1772.5	132597	19.62	20	0
		75RB		1717.5	132047	19.64	20	0
				1745	132322	19.63	20	0
				1772.5	132597	19.65	20	0
	16-QAM	1 RB	0	1717.5	132047	19.62	20	0
				1745	132322	19.73	20	0
				1772.5	132597	19.73	20	0
			36	1717.5	132047	19.78	20	0
				1745	132322	19.90	20	0
				1772.5	132597	19.75	20	0
			74	1717.5	132047	19.75	20	0
				1745	132322	19.51	20	0
				1772.5	132597	19.62	20	0
		36 RB	0	1717.5	132047	19.56	20	0
				1745	132322	19.73	20	0
				1772.5	132597	19.74	20	0
			18	1717.5	132047	19.63	20	0
				1745	132322	19.68	20	0
				1772.5	132597	19.64	20	0
			37	1717.5	132047	19.69	20	0
				1745	132322	19.61	20	0
				1772.5	132597	19.70	20	0
		75RB		1717.5	132047	19.63	20	0
				1745	132322	19.71	20	0
				1772.5	132597	19.72	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	64-QAM	1 RB	0	1717.5	132047	19.56	20	0
				1745	132322	19.68	20	0
				1772.5	132597	19.66	20	0
			36	1717.5	132047	19.70	20	0
				1745	132322	19.85	20	0
				1772.5	132597	19.67	20	0
			74	1717.5	132047	19.67	20	0
				1745	132322	19.45	20	0
				1772.5	132597	19.56	20	0
		36 RB	0	1717.5	132047	19.47	20	0
				1745	132322	19.69	20	0
				1772.5	132597	19.66	20	0
			18	1717.5	132047	19.54	20	0
				1745	132322	19.62	20	0
				1772.5	132597	19.64	20	0
			37	1717.5	132047	19.60	20	0
				1745	132322	19.54	20	0
				1772.5	132597	19.69	20	0
		75RB		1717.5	132047	19.56	20	0
				1745	132322	19.69	20	0
				1772.5	132597	19.64	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)
10	QPSK	1 RB	0	1715	132022	19.74	20	0
				1745	132322	19.64	20	0
				1775	132622	19.85	20	0
			25	1715	132022	19.74	20	0
				1745	132322	19.76	20	0
				1775	132622	19.58	20	0
			49	1715	132022	19.66	20	0
				1745	132322	19.56	20	0
				1775	132622	19.58	20	0
		25 RB	0	1715	132022	19.53	20	0
				1745	132322	19.66	20	0
				1775	132622	19.68	20	0
			12	1715	132022	19.57	20	0
				1745	132322	19.65	20	0
				1775	132622	19.62	20	0
			25	1715	132022	19.63	20	0
				1745	132322	19.63	20	0
				1775	132622	19.60	20	0
		50RB		1715	132022	19.61	20	0
				1745	132322	19.65	20	0
				1775	132622	19.60	20	0
	16-QAM	1 RB	0	1715	132022	19.77	20	0
				1745	132322	19.57	20	0
				1775	132622	19.78	20	0
			25	1715	132022	19.53	20	0
				1745	132322	19.64	20	0
				1775	132622	19.46	20	0
			49	1715	132022	19.58	20	0
				1745	132322	19.50	20	0
				1775	132622	19.44	20	0
		25 RB	0	1715	132022	19.76	20	0
				1745	132322	19.74	20	0
				1775	132622	19.58	20	0
			12	1715	132022	19.66	20	0
				1745	132322	19.64	20	0
				1775	132622	19.75	20	0
			25	1715	132022	19.74	20	0
				1745	132322	19.75	20	0
				1775	132622	19.63	20	0
		50RB		1715	132022	19.62	20	0
				1745	132322	19.65	20	0
				1775	132622	19.59	20	0

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FDD Band 66								
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10	64-QAM	1 RB	0	1715	132022	19.70	20	0
				1745	132322	19.48	20	0
				1775	132622	19.73	20	0
			25	1715	132022	19.53	20	0
				1745	132322	19.63	20	0
				1775	132622	19.46	20	0
			49	1715	132022	19.49	20	0
				1745	132322	19.42	20	0
				1775	132622	19.42	20	0
		25 RB	0	1715	132022	19.74	20	0
				1745	132322	19.65	20	0
				1775	132622	19.50	20	0
			12	1715	132022	19.58	20	0
				1745	132322	19.60	20	0
				1775	132622	19.68	20	0
			25	1715	132022	19.70	20	0
				1745	132322	19.75	20	0
				1775	132622	19.63	20	0
		50RB		1715	132022	19.61	20	0
				1745	132322	19.58	20	0
				1775	132622	19.57	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	19.75	20	0
				1745	132322	19.73	20	0
				1777.5	132647	19.72	20	0
			12	1712.5	131997	19.51	20	0
				1745	132322	19.76	20	0
				1777.5	132647	19.64	20	0
			24	1712.5	131997	19.62	20	0
				1745	132322	19.65	20	0
				1777.5	132647	19.45	20	0
		12 RB	0	1712.5	131997	19.71	20	0
				1745	132322	19.78	20	0
				1777.5	132647	19.72	20	0
			6	1712.5	131997	19.69	20	0
				1745	132322	19.79	20	0
				1777.5	132647	19.68	20	0
			13	1712.5	131997	19.63	20	0
				1745	132322	19.79	20	0
				1777.5	132647	19.59	20	0
		25RB		1712.5	131997	19.60	20	0
				1745	132322	19.72	20	0
				1777.5	132647	19.66	20	0
	16-QAM	1 RB	0	1712.5	131997	19.61	20	0
				1745	132322	19.66	20	0
				1777.5	132647	19.45	20	0
			12	1712.5	131997	19.60	20	0
				1745	132322	19.72	20	0
				1777.5	132647	19.86	20	0
			24	1712.5	131997	19.73	20	0
				1745	132322	19.75	20	0
				1777.5	132647	19.70	20	0
		12 RB	0	1712.5	131997	19.95	20	0
				1745	132322	19.92	20	0
				1777.5	132647	19.90	20	0
			6	1712.5	131997	19.79	20	0
				1745	132322	19.92	20	0
				1777.5	132647	19.80	20	0
			13	1712.5	131997	19.71	20	0
				1745	132322	19.89	20	0
				1777.5	132647	19.78	20	0
		25RB		1712.5	131997	19.75	20	0
				1745	132322	19.84	20	0
				1777.5	132647	19.83	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	19.56	20	0
				1745	132322	19.64	20	0
				1777.5	132647	19.35	20	0
			12	1712.5	131997	19.52	20	0
				1745	132322	19.67	20	0
				1777.5	132647	19.78	20	0
			24	1712.5	131997	19.67	20	0
				1745	132322	19.75	20	0
				1777.5	132647	19.68	20	0
		12 RB	0	1712.5	131997	19.85	20	0
				1745	132322	19.85	20	0
				1777.5	132647	19.81	20	0
			6	1712.5	131997	19.79	20	0
				1745	132322	19.87	20	0
				1777.5	132647	19.76	20	0
			13	1712.5	131997	19.63	20	0
				1745	132322	19.80	20	0
				1777.5	132647	19.76	20	0
		25RB		1712.5	131997	19.69	20	0
				1745	132322	19.76	20	0
				1777.5	132647	19.77	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	19.67	20	0
				1745	132322	19.74	20	0
				1778.5	132657	19.48	20	0
			7	1711.5	131987	19.74	20	0
				1745	132322	19.72	20	0
				1778.5	132657	19.49	20	0
			14	1711.5	131987	19.51	20	0
				1745	132322	19.60	20	0
				1778.5	132657	19.40	20	0
		8 RB	0	1711.5	131987	19.60	20	0
				1745	132322	19.67	20	0
				1778.5	132657	19.57	20	0
			4	1711.5	131987	19.59	20	0
				1745	132322	19.66	20	0
				1778.5	132657	19.49	20	0
			7	1711.5	131987	19.58	20	0
				1745	132322	19.66	20	0
				1778.5	132657	19.48	20	0
		15RB		1711.5	131987	19.65	20	0
				1745	132322	19.68	20	0
				1778.5	132657	19.48	20	0
	16-QAM	1 RB	0	1711.5	131987	19.67	20	0
				1745	132322	19.75	20	0
				1778.5	132657	19.77	20	0
			7	1711.5	131987	19.81	20	0
				1745	132322	19.63	20	0
				1778.5	132657	19.64	20	0
			14	1711.5	131987	19.78	20	0
				1745	132322	19.91	20	0
				1778.5	132657	19.84	20	0
		8 RB	0	1711.5	131987	19.80	20	0
				1745	132322	19.70	20	0
				1778.5	132657	19.58	20	0
			4	1711.5	131987	19.56	20	0
				1745	132322	19.79	20	0
				1778.5	132657	19.52	20	0
			7	1711.5	131987	19.56	20	0
				1745	132322	19.84	20	0
				1778.5	132657	19.64	20	0
		15RB		1711.5	131987	19.53	20	0
				1745	132322	19.65	20	0
				1778.5	132657	19.51	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	19.62	20	0
				1745	132322	19.71	20	0
				1778.5	132657	19.71	20	0
			7	1711.5	131987	19.80	20	0
				1745	132322	19.54	20	0
				1778.5	132657	19.58	20	0
			14	1711.5	131987	19.68	20	0
				1745	132322	19.84	20	0
				1778.5	132657	19.80	20	0
		8 RB	0	1711.5	131987	19.70	20	0
				1745	132322	19.66	20	0
				1778.5	132657	19.49	20	0
			4	1711.5	131987	19.48	20	0
				1745	132322	19.79	20	0
				1778.5	132657	19.48	20	0
			7	1711.5	131987	19.55	20	0
				1745	132322	19.74	20	0
				1778.5	132657	19.62	20	0
		15RB		1711.5	131987	19.52	20	0
				1745	132322	19.59	20	0
				1778.5	132657	19.51	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	19.68	20	0
				1745	132322	19.82	20	0
				1779.3	132665	19.48	20	0
			2	1710.7	131979	19.68	20	0
				1745	132322	19.76	20	0
				1779.3	132665	19.45	20	0
			5	1710.7	131979	19.69	20	0
				1745	132322	19.72	20	0
				1779.3	132665	19.58	20	0
		3 RB	0	1710.7	131979	19.61	20	0
				1745	132322	19.69	20	0
				1779.3	132665	19.45	20	0
			2	1710.7	131979	19.56	20	0
				1745	132322	19.66	20	0
				1779.3	132665	19.48	20	0
			3	1710.7	131979	19.61	20	0
				1745	132322	19.65	20	0
				1779.3	132665	19.47	20	0
		6RB		1710.7	131979	19.62	20	0
				1745	132322	19.68	20	0
				1779.3	132665	19.50	20	0
	16-QAM	1 RB	0	1710.7	131979	19.73	20	0
				1745	132322	19.67	20	0
				1779.3	132665	19.96	20	0
			2	1710.7	131979	19.89	20	0
				1745	132322	19.66	20	0
				1779.3	132665	19.82	20	0
			5	1710.7	131979	19.82	20	0
				1745	132322	19.93	20	0
				1779.3	132665	19.82	20	0
		3 RB	0	1710.7	131979	19.83	20	0
				1745	132322	19.83	20	0
				1779.3	132665	19.56	20	0
			2	1710.7	131979	19.75	20	0
				1745	132322	19.79	20	0
				1779.3	132665	19.43	20	0
			3	1710.7	131979	19.80	20	0
				1745	132322	19.74	20	0
				1779.3	132665	19.42	20	0
		6RB		1710.7	131979	19.81	20	0
				1745	132322	19.79	20	0
				1779.3	132665	19.59	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	19.71	20	0
				1745	132322	19.64	20	0
				1779.3	132665	19.89	20	0
			2	1710.7	131979	19.86	20	0
				1745	132322	19.61	20	0
				1779.3	132665	19.78	20	0
			5	1710.7	131979	19.79	20	0
				1745	132322	19.88	20	0
				1779.3	132665	19.74	20	0
		3 RB	0	1710.7	131979	19.74	20	0
				1745	132322	19.77	20	0
				1779.3	132665	19.55	20	0
			2	1710.7	131979	19.69	20	0
				1745	132322	19.76	20	0
				1779.3	132665	19.42	20	0
			3	1710.7	131979	19.74	20	0
				1745	132322	19.65	20	0
				1779.3	132665	19.34	20	0
		6RB		1710.7	131979	19.76	20	0
				1745	132322	19.79	20	0
				1779.3	132665	19.57	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	18.18	19	0
				2595	38000	18.34	19	0
				2610	38150	18.51	19	0
			50	2580	37850	18.11	19	0
				2595	38000	18.43	19	0
				2610	38150	18.66	19	0
			99	2580	37850	18.29	19	0
				2595	38000	18.54	19	0
				2610	38150	18.68	19	0
		50 RB	0	2580	37850	18.16	19	0
				2595	38000	18.28	19	0
				2610	38150	18.52	19	0
			25	2580	37850	18.15	19	0
				2595	38000	18.29	19	0
				2610	38150	18.59	19	0
			50	2580	37850	18.45	19	0
				2595	38000	18.35	19	0
				2610	38150	18.91	19	0
		100RB		2580	37850	18.17	19	0
				2595	38000	18.34	19	0
				2610	38150	18.65	19	0
	16-QAM	1 RB	0	2580	37850	18.56	19	0
				2595	38000	18.71	19	0
				2610	38150	18.82	19	0
			50	2580	37850	18.51	19	0
				2595	38000	18.17	19	0
				2610	38150	18.83	19	0
			99	2580	37850	18.44	19	0
				2595	38000	18.55	19	0
				2610	38150	18.60	19	0
		50 RB	0	2580	37850	18.23	19	0
				2595	38000	18.29	19	0
				2610	38150	18.59	19	0
			25	2580	37850	18.16	19	0
				2595	38000	18.39	19	0
				2610	38150	18.70	19	0
			50	2580	37850	18.23	19	0
				2595	38000	18.43	19	0
				2610	38150	18.77	19	0
		100RB		2580	37850	18.20	19	0
				2595	38000	18.28	19	0
				2610	38150	18.67	19	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	18.51	19	0
				2595	38000	18.68	19	0
				2610	38150	18.77	19	0
			50	2580	37850	18.42	19	0
				2595	38000	18.08	19	0
				2610	38150	18.82	19	0
			99	2580	37850	18.42	19	0
				2595	38000	18.51	19	0
				2610	38150	18.54	19	0
		50 RB	0	2580	37850	18.17	19	0
				2595	38000	18.26	19	0
				2610	38150	18.57	19	0
			25	2580	37850	18.14	19	0
				2595	38000	18.36	19	0
				2610	38150	18.62	19	0
			50	2580	37850	18.14	19	0
				2595	38000	18.39	19	0
				2610	38150	18.70	19	0
		100RB		2580	37850	18.14	19	0
				2595	38000	18.22	19	0
				2610	38150	18.58	19	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	QPSK	1 RB	0	2577.5	37825	18.16	19	0
				2595	38000	18.36	19	0
				2612.5	38175	18.54	19	0
			36	2577.5	37825	18.21	19	0
				2595	38000	18.29	19	0
				2612.5	38175	18.55	19	0
			74	2577.5	37825	18.10	19	0
				2595	38000	18.23	19	0
				2612.5	38175	18.86	19	0
		36 RB	0	2577.5	37825	18.15	19	0
				2595	38000	18.29	19	0
				2612.5	38175	18.62	19	0
			18	2577.5	37825	18.13	19	0
				2595	38000	18.36	19	0
				2612.5	38175	18.66	19	0
			37	2577.5	37825	18.11	19	0
				2595	38000	18.37	19	0
				2612.5	38175	18.73	19	0
		75RB		2577.5	37825	18.10	19	0
				2595	38000	18.27	19	0
				2612.5	38175	18.60	19	0
	16-QAM	1 RB	0	2577.5	37825	18.18	19	0
				2595	38000	18.54	19	0
				2612.5	38175	18.80	19	0
			36	2577.5	37825	18.51	19	0
				2595	38000	18.58	19	0
				2612.5	38175	18.77	19	0
			74	2577.5	37825	18.29	19	0
				2595	38000	18.56	19	0
				2612.5	38175	18.81	19	0
		36 RB	0	2577.5	37825	18.12	19	0
				2595	38000	18.40	19	0
				2612.5	38175	18.67	19	0
			18	2577.5	37825	18.17	19	0
				2595	38000	18.39	19	0
				2612.5	38175	18.75	19	0
			37	2577.5	37825	18.14	19	0
				2595	38000	18.47	19	0
				2612.5	38175	18.72	19	0
		75RB		2577.5	37825	18.07	19	0
				2595	38000	18.26	19	0
				2612.5	38175	18.59	19	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	18.17	19	0
				2595	38000	18.44	19	0
				2612.5	38175	18.78	19	0
			36	2577.5	37825	18.49	19	0
				2595	38000	18.52	19	0
				2612.5	38175	18.68	19	0
			74	2577.5	37825	18.26	19	0
				2595	38000	18.49	19	0
				2612.5	38175	18.80	19	0
		36 RB	0	2577.5	37825	18.04	19	0
				2595	38000	18.33	19	0
				2612.5	38175	18.62	19	0
			18	2577.5	37825	18.16	19	0
				2595	38000	18.30	19	0
				2612.5	38175	18.70	19	0
			37	2577.5	37825	18.13	19	0
				2595	38000	18.42	19	0
				2612.5	38175	18.63	19	0
		75RB		2577.5	37825	17.99	19	0
				2595	38000	18.16	19	0
				2612.5	38175	18.51	19	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	18.18	19	0
				2595	38000	18.18	19	0
				2615	38200	18.55	19	0
			25	2575	37800	18.22	19	0
				2595	38000	18.34	19	0
				2615	38200	18.59	19	0
			49	2575	37800	18.12	19	0
				2595	38000	18.31	19	0
				2615	38200	18.55	19	0
		25 RB	0	2575	37800	18.14	19	0
				2595	38000	18.28	19	0
				2615	38200	18.66	19	0
			12	2575	37800	18.16	19	0
				2595	38000	18.30	19	0
				2615	38200	18.70	19	0
			25	2575	37800	18.11	19	0
				2595	38000	18.30	19	0
				2615	38200	18.76	19	0
		50RB		2575	37800	18.11	19	0
				2595	38000	18.32	19	0
				2615	38200	18.68	19	0
	16-QAM	1 RB	0	2575	37800	18.33	19	0
				2595	38000	18.43	19	0
				2615	38200	18.76	19	0
			25	2575	37800	18.25	19	0
				2595	38000	18.09	19	0
				2615	38200	18.76	19	0
			49	2575	37800	18.37	19	0
				2595	38000	18.38	19	0
				2615	38200	18.54	19	0
		25 RB	0	2575	37800	18.23	19	0
				2595	38000	18.35	19	0
				2615	38200	18.67	19	0
			12	2575	37800	18.28	19	0
				2595	38000	18.37	19	0
				2615	38200	18.80	19	0
			25	2575	37800	18.23	19	0
				2595	38000	18.42	19	0
				2615	38200	18.89	19	0
		50RB		2575	37800	18.21	19	0
				2595	38000	18.32	19	0
				2615	38200	18.72	19	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	18.33	19	0
				2595	38000	18.38	19	0
				2615	38200	18.72	19	0
			25	2575	37800	18.16	19	0
				2595	38000	18.02	19	0
				2615	38200	18.67	19	0
			49	2575	37800	18.28	19	0
				2595	38000	18.34	19	0
				2615	38200	18.49	19	0
		25 RB	0	2575	37800	18.21	19	0
				2595	38000	18.30	19	0
				2615	38200	18.64	19	0
			12	2575	37800	18.23	19	0
				2595	38000	18.36	19	0
				2615	38200	18.79	19	0
			25	2575	37800	18.17	19	0
				2595	38000	18.40	19	0
				2615	38200	18.81	19	0
		50RB		2575	37800	18.16	19	0
				2595	38000	18.22	19	0
				2615	38200	18.63	19	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	18.20	19	0
				2595	38000	18.32	19	0
				2617.5	38225	18.53	19	0
			12	2572.5	37775	18.16	19	0
				2595	38000	18.26	19	0
				2617.5	38225	18.68	19	0
			24	2572.5	37775	18.25	19	0
				2595	38000	18.28	19	0
				2617.5	38225	18.73	19	0
		12 RB	0	2572.5	37775	18.19	19	0
				2595	38000	18.28	19	0
				2617.5	38225	18.75	19	0
			6	2572.5	37775	18.22	19	0
				2595	38000	18.37	19	0
				2617.5	38225	18.73	19	0
			13	2572.5	37775	18.17	19	0
				2595	38000	18.36	19	0
				2617.5	38225	18.75	19	0
		25RB		2572.5	37775	18.18	19	0
				2595	38000	18.34	19	0
				2617.5	38225	18.75	19	0
	16-QAM	1 RB	0	2572.5	37775	18.47	19	0
				2595	38000	18.48	19	0
				2617.5	38225	18.64	19	0
			12	2572.5	37775	18.45	19	0
				2595	38000	18.63	19	0
				2617.5	38225	18.86	19	0
			24	2572.5	37775	18.62	19	0
				2595	38000	18.54	19	0
				2617.5	38225	18.71	19	0
		12 RB	0	2572.5	37775	18.26	19	0
				2595	38000	18.38	19	0
				2617.5	38225	18.72	19	0
			6	2572.5	37775	18.25	19	0
				2595	38000	18.34	19	0
				2617.5	38225	18.72	19	0
			13	2572.5	37775	18.24	19	0
				2595	38000	18.36	19	0
				2617.5	38225	18.82	19	0
		25RB		2572.5	37775	18.17	19	0
				2595	38000	18.43	19	0
				2617.5	38225	18.77	19	0

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5	64-QAM	1 RB	0	2572.5	37775	18.39	19	0
				2595	38000	18.47	19	0
				2617.5	38225	18.56	19	0
			12	2572.5	37775	18.44	19	0
				2595	38000	18.59	19	0
				2617.5	38225	18.85	19	0
			24	2572.5	37775	18.55	19	0
				2595	38000	18.53	19	0
				2617.5	38225	18.67	19	0
		12 RB	0	2572.5	37775	18.21	19	0
				2595	38000	18.36	19	0
				2617.5	38225	18.62	19	0
			6	2572.5	37775	18.23	19	0
				2595	38000	18.32	19	0
				2617.5	38225	18.67	19	0
			13	2572.5	37775	18.17	19	0
				2595	38000	18.29	19	0
				2617.5	38225	18.79	19	0
		25RB		2572.5	37775	18.10	19	0
				2595	38000	18.34	19	0
				2617.5	38225	18.74	19	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	18.73	19	0
				2549.5	40185	18.29	19	0
				2593	40620	18.10	19	0
				2636.5	41055	18.72	19	0
				2680	41490	18.88	19	0
			50	2506	39750	18.58	19	0
				2549.5	40185	18.34	19	0
				2593	40620	18.13	19	0
				2636.5	41055	18.73	19	0
				2680	41490	18.98	19	0
			99	2506	39750	18.53	19	0
				2549.5	40185	18.33	19	0
				2593	40620	18.48	19	0
				2636.5	41055	18.77	19	0
				2680	41490	18.70	19	0
		50 RB	0	2506	39750	18.75	19	0
				2549.5	40185	18.27	19	0
				2593	40620	18.23	19	0
				2636.5	41055	18.73	19	0
				2680	41490	18.95	19	0
			25	2506	39750	18.65	19	0
				2549.5	40185	18.18	19	0
				2593	40620	18.18	19	0
				2636.5	41055	18.82	19	0
				2680	41490	18.92	19	0
			50	2506	39750	18.57	19	0
				2549.5	40185	18.15	19	0
				2593	40620	18.29	19	0
				2636.5	41055	18.82	19	0
				2680	41490	18.89	19	0
		100RB		2506	39750	18.64	19	0
				2549.5	40185	18.18	19	0
				2593	40620	18.24	19	0
				2636.5	41055	18.87	19	0
				2680	41490	18.92	19	0

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TDD Band 41								
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20	16-QAM	1 RB	0	2506	39750	18.89	19	0
				2549.5	40185	18.74	19	0
				2593	40620	18.42	19	0
				2636.5	41055	18.61	19	0
				2680	41490	18.83	19	0
			50	2506	39750	18.72	19	0
				2549.5	40185	18.84	19	0
				2593	40620	18.44	19	0
				2636.5	41055	18.65	19	0
				2680	41490	18.66	19	0
			99	2506	39750	18.79	19	0
				2549.5	40185	18.90	19	0
				2593	40620	18.55	19	0
				2636.5	41055	18.78	19	0
				2680	41490	18.52	19	0
		50 RB	0	2506	39750	18.83	19	0
				2549.5	40185	18.36	19	0
				2593	40620	18.24	19	0
				2636.5	41055	18.64	19	0
				2680	41490	18.86	19	0
			25	2506	39750	18.70	19	0
				2549.5	40185	18.23	19	0
				2593	40620	18.26	19	0
				2636.5	41055	18.77	19	0
				2680	41490	18.83	19	0
			50	2506	39750	18.57	19	0
				2549.5	40185	18.20	19	0
				2593	40620	18.35	19	0
				2636.5	41055	18.68	19	0
				2680	41490	18.79	19	0
		100RB		2506	39750	18.71	19	0
				2549.5	40185	18.25	19	0
				2593	40620	18.21	19	0
				2636.5	41055	18.69	19	0
				2680	41490	18.68	19	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)
20	64-QAM	1 RB	0	2506	39750	18.84	19	0
				2549.5	40185	18.71	19	0
				2593	40620	18.40	19	0
				2636.5	41055	18.57	19	0
				2680	41490	18.76	19	0
			50	2506	39750	18.63	19	0
				2549.5	40185	18.75	19	0
				2593	40620	18.35	19	0
				2636.5	41055	18.63	19	0
				2680	41490	18.57	19	0
			99	2506	39750	18.76	19	0
				2549.5	40185	18.84	19	0
				2593	40620	18.51	19	0
				2636.5	41055	18.75	19	0
				2680	41490	18.49	19	0
		50 RB	0	2506	39750	18.76	19	0
				2549.5	40185	18.34	19	0
				2593	40620	18.22	19	0
				2636.5	41055	18.62	19	0
				2680	41490	18.79	19	0
			25	2506	39750	18.67	19	0
				2549.5	40185	18.15	19	0
				2593	40620	18.16	19	0
				2636.5	41055	18.70	19	0
				2680	41490	18.79	19	0
			50	2506	39750	18.53	19	0
				2549.5	40185	18.10	19	0
				2593	40620	18.31	19	0
				2636.5	41055	18.67	19	0
				2680	41490	18.75	19	0
		100RB		2506	39750	18.66	19	0
				2549.5	40185	18.21	19	0
				2593	40620	18.18	19	0
				2636.5	41055	18.69	19	0
				2680	41490	18.68	19	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	18.92	19	0
				2548.3	40173	18.21	19	0
				2593	40620	18.10	19	0
				2637.8	41068	18.91	19	0
				2682.5	41515	18.89	19	0
			36	2503.5	39725	18.33	19	0
				2548.3	40173	18.27	19	0
				2593	40620	18.51	19	0
				2637.8	41068	18.85	19	0
				2682.5	41515	18.88	19	0
			74	2503.5	39725	18.80	19	0
				2548.3	40173	18.25	19	0
				2593	40620	18.23	19	0
				2637.8	41068	18.79	19	0
				2682.5	41515	18.81	19	0
		36 RB	0	2503.5	39725	18.83	19	0
				2548.3	40173	18.25	19	0
				2593	40620	18.26	19	0
				2637.8	41068	18.83	19	0
				2682.5	41515	18.93	19	0
			18	2503.5	39725	18.76	19	0
				2548.3	40173	18.29	19	0
				2593	40620	18.29	19	0
				2637.8	41068	18.88	19	0
				2682.5	41515	18.96	19	0
			37	2503.5	39725	18.65	19	0
				2548.3	40173	18.18	19	0
				2593	40620	18.33	19	0
				2637.8	41068	18.88	19	0
				2682.5	41515	18.91	19	0
		75RB		2503.5	39725	18.70	19	0
				2548.3	40173	18.26	19	0
				2593	40620	18.23	19	0
				2637.8	41068	18.86	19	0
				2682.5	41515	18.89	19	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	16-QAM	1 RB	0	2503.5	39725	18.68	19	0
				2548.3	40173	18.63	19	0
				2593	40620	18.50	19	0
				2637.8	41068	18.51	19	0
				2682.5	41515	18.78	19	0
			36	2503.5	39725	18.90	19	0
				2548.3	40173	18.86	19	0
				2593	40620	18.14	19	0
				2637.8	41068	18.90	19	0
				2682.5	41515	18.87	19	0
			74	2503.5	39725	18.67	19	0
				2548.3	40173	18.69	19	0
				2593	40620	18.52	19	0
				2637.8	41068	18.86	19	0
				2682.5	41515	18.87	19	0
		36 RB	0	2503.5	39725	18.94	19	0
				2548.3	40173	18.37	19	0
				2593	40620	18.29	19	0
				2637.8	41068	18.74	19	0
				2682.5	41515	18.85	19	0
			18	2503.5	39725	18.86	19	0
				2548.3	40173	18.38	19	0
				2593	40620	18.35	19	0
				2637.8	41068	18.84	19	0
				2682.5	41515	18.92	19	0
			37	2503.5	39725	18.77	19	0
				2548.3	40173	18.24	19	0
				2593	40620	18.33	19	0
				2637.8	41068	18.79	19	0
				2682.5	41515	18.86	19	0
		75RB		2503.5	39725	18.75	19	0
				2548.3	40173	18.29	19	0
				2593	40620	18.22	19	0
				2637.8	41068	18.70	19	0
				2682.5	41515	18.82	19	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	64-QAM	1 RB	0	2503.5	39725	18.65	19	0
				2548.3	40173	18.59	19	0
				2593	40620	18.43	19	0
				2637.8	41068	18.41	19	0
				2682.5	41515	18.76	19	0
			36	2503.5	39725	18.87	19	0
				2548.3	40173	18.85	19	0
				2593	40620	18.13	19	0
				2637.8	41068	18.82	19	0
				2682.5	41515	18.79	19	0
			74	2503.5	39725	18.66	19	0
				2548.3	40173	18.61	19	0
				2593	40620	18.50	19	0
				2637.8	41068	18.86	19	0
				2682.5	41515	18.87	19	0
		36 RB	0	2503.5	39725	18.90	19	0
				2548.3	40173	18.33	19	0
				2593	40620	18.26	19	0
				2637.8	41068	18.72	19	0
				2682.5	41515	18.81	19	0
			18	2503.5	39725	18.79	19	0
				2548.3	40173	18.32	19	0
				2593	40620	18.26	19	0
				2637.8	41068	18.82	19	0
				2682.5	41515	18.87	19	0
			37	2503.5	39725	18.69	19	0
				2548.3	40173	18.15	19	0
				2593	40620	18.31	19	0
				2637.8	41068	18.75	19	0
				2682.5	41515	18.84	19	0
		75RB		2503.5	39725	18.75	19	0
				2548.3	40173	18.26	19	0
				2593	40620	18.16	19	0
				2637.8	41068	18.65	19	0
				2682.5	41515	18.72	19	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	18.71	19	0
				2547	40160	18.32	19	0
				2593	40620	18.25	19	0
				2639	41080	18.89	19	0
				2685	41540	18.91	19	0
			25	2501	39700	18.78	19	0
				2547	40160	18.19	19	0
				2593	40620	18.25	19	0
				2639	41080	18.68	19	0
				2685	41540	18.89	19	0
			49	2501	39700	18.73	19	0
				2547	40160	18.25	19	0
				2593	40620	18.33	19	0
				2639	41080	18.81	19	0
				2685	41540	18.91	19	0
		25 RB	0	2501	39700	18.79	19	0
				2547	40160	18.32	19	0
				2593	40620	18.25	19	0
				2639	41080	18.89	19	0
				2685	41540	18.93	19	0
			12	2501	39700	18.74	19	0
				2547	40160	18.32	19	0
				2593	40620	18.29	19	0
				2639	41080	18.90	19	0
				2685	41540	18.94	19	0
			25	2501	39700	18.72	19	0
				2547	40160	18.20	19	0
				2593	40620	18.33	19	0
				2639	41080	18.88	19	0
				2685	41540	18.92	19	0
		50RB		2501	39700	18.76	19	0
				2547	40160	18.27	19	0
				2593	40620	18.27	19	0
				2639	41080	18.88	19	0
				2685	41540	18.89	19	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	16-QAM	1 RB	0	2501	39700	18.60	19	0
				2547	40160	18.89	19	0
				2593	40620	18.34	19	0
				2639	41080	18.80	19	0
				2685	41540	18.89	19	0
			25	2501	39700	18.54	19	0
				2547	40160	18.53	19	0
				2593	40620	18.25	19	0
				2639	41080	18.54	19	0
				2685	41540	18.88	19	0
			49	2501	39700	18.81	19	0
				2547	40160	18.74	19	0
				2593	40620	18.58	19	0
				2639	41080	18.76	19	0
				2685	41540	18.81	19	0
		25 RB	0	2501	39700	18.51	19	0
				2547	40160	18.50	19	0
				2593	40620	18.43	19	0
				2639	41080	18.81	19	0
				2685	41540	18.96	19	0
			12	2501	39700	18.78	19	0
				2547	40160	18.46	19	0
				2593	40620	18.43	19	0
				2639	41080	18.81	19	0
				2685	41540	18.90	19	0
			25	2501	39700	18.76	19	0
				2547	40160	18.40	19	0
				2593	40620	18.50	19	0
				2639	41080	18.92	19	0
				2685	41540	18.92	19	0
		50RB		2501	39700	18.82	19	0
				2547	40160	18.27	19	0
				2593	40620	18.30	19	0
				2639	41080	18.73	19	0
				2685	41540	18.85	19	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	18.56	19	0
				2547	40160	18.82	19	0
				2593	40620	18.30	19	0
				2639	41080	18.78	19	0
				2685	41540	18.88	19	0
			25	2501	39700	18.51	19	0
				2547	40160	18.43	19	0
				2593	40620	18.17	19	0
				2639	41080	18.51	19	0
				2685	41540	18.82	19	0
			49	2501	39700	18.78	19	0
				2547	40160	18.67	19	0
				2593	40620	18.54	19	0
				2639	41080	18.69	19	0
				2685	41540	18.76	19	0
		25 RB	0	2501	39700	18.48	19	0
				2547	40160	18.47	19	0
				2593	40620	18.36	19	0
				2639	41080	18.76	19	0
				2685	41540	18.89	19	0
			12	2501	39700	18.74	19	0
				2547	40160	18.36	19	0
				2593	40620	18.41	19	0
				2639	41080	18.72	19	0
				2685	41540	18.89	19	0
			25	2501	39700	18.74	19	0
				2547	40160	18.32	19	0
				2593	40620	18.43	19	0
				2639	41080	18.90	19	0
				2685	41540	18.86	19	0
		50RB		2501	39700	18.75	19	0
				2547	40160	18.19	19	0
				2593	40620	18.28	19	0
				2639	41080	18.67	19	0
				2685	41540	18.82	19	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	18.73	19	0
				2547.8	40148	18.30	19	0
				2593	40620	18.20	19	0
				2640.3	41093	18.96	19	0
				2687.5	41565	17.85	19	0
			12	2498.5	39675	18.66	19	0
				2547.8	40148	18.30	19	0
				2593	40620	18.20	19	0
				2640.3	41093	18.75	19	0
				2687.5	41565	18.89	19	0
			24	2498.5	39675	18.56	19	0
				2547.8	40148	18.29	19	0
				2593	40620	18.32	19	0
				2640.3	41093	18.90	19	0
				2687.5	41565	18.95	19	0
		12 RB	0	2498.5	39675	18.68	19	0
				2547.8	40148	18.30	19	0
				2593	40620	18.31	19	0
				2640.3	41093	18.82	19	0
				2687.5	41565	18.89	19	0
			6	2498.5	39675	18.71	19	0
				2547.8	40148	18.28	19	0
				2593	40620	18.29	19	0
				2640.3	41093	18.81	19	0
				2687.5	41565	18.91	19	0
			13	2498.5	39675	18.70	19	0
				2547.8	40148	18.31	19	0
				2593	40620	18.27	19	0
				2640.3	41093	18.80	19	0
				2687.5	41565	18.86	19	0
		25RB		2498.5	39675	18.70	19	0
				2547.8	40148	18.29	19	0
				2593	40620	18.29	19	0
				2640.3	41093	18.83	19	0
				2687.5	41565	18.93	19	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	18.82	19	0
				2547.8	40148	18.62	19	0
				2593	40620	18.54	19	0
				2640.3	41093	18.68	19	0
				2687.5	41565	18.88	19	0
			12	2498.5	39675	18.83	19	0
				2547.8	40148	18.88	19	0
				2593	40620	18.11	19	0
				2640.3	41093	18.83	19	0
				2687.5	41565	18.92	19	0
			24	2498.5	39675	18.68	19	0
				2547.8	40148	18.74	19	0
				2593	40620	18.59	19	0
				2640.3	41093	18.70	19	0
				2687.5	41565	18.82	19	0
		12 RB	0	2498.5	39675	18.76	19	0
				2547.8	40148	18.37	19	0
				2593	40620	18.30	19	0
				2640.3	41093	18.70	19	0
				2687.5	41565	18.82	19	0
			6	2498.5	39675	18.66	19	0
				2547.8	40148	18.42	19	0
				2593	40620	18.36	19	0
				2640.3	41093	18.76	19	0
				2687.5	41565	18.85	19	0
			13	2498.5	39675	18.80	19	0
				2547.8	40148	18.39	19	0
				2593	40620	18.38	19	0
				2640.3	41093	18.73	19	0
				2687.5	41565	18.86	19	0
		25RB		2498.5	39675	18.88	19	0
				2547.8	40148	18.34	19	0
				2593	40620	18.27	19	0
				2640.3	41093	18.77	19	0
				2687.5	41565	18.87	19	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	18.74	19	0
				2547.8	40148	18.55	19	0
				2593	40620	18.49	19	0
				2640.3	41093	18.66	19	0
				2687.5	41565	18.78	19	0
			12	2498.5	39675	18.75	19	0
				2547.8	40148	18.86	19	0
				2593	40620	18.07	19	0
				2640.3	41093	18.80	19	0
				2687.5	41565	18.89	19	0
			24	2498.5	39675	18.64	19	0
				2547.8	40148	18.69	19	0
				2593	40620	18.59	19	0
				2640.3	41093	18.67	19	0
				2687.5	41565	18.72	19	0
		12 RB	0	2498.5	39675	18.72	19	0
				2547.8	40148	18.28	19	0
				2593	40620	18.22	19	0
				2640.3	41093	18.67	19	0
				2687.5	41565	18.76	19	0
			6	2498.5	39675	18.62	19	0
				2547.8	40148	18.39	19	0
				2593	40620	18.30	19	0
				2640.3	41093	18.68	19	0
				2687.5	41565	18.77	19	0
			13	2498.5	39675	18.71	19	0
				2547.8	40148	18.36	19	0
				2593	40620	18.35	19	0
				2640.3	41093	18.67	19	0
				2687.5	41565	18.84	19	0
		25RB		2498.5	39675	18.83	19	0
				2547.8	40148	18.26	19	0
				2593	40620	18.20	19	0
				2640.3	41093	18.77	19	0
				2687.5	41565	18.81	19	0

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WLAN802.11 a/b/g/n(20M/40M)/ac(20M/40M/80M/160M) conducted power table:

Antenna / Band	SISO		MIMO
	Chain 0	Chain 1	Chain0+1
WLAN802.11b	V	V	-
WLAN802.11g	V	V	-
WLAN802.11n(20M)	V	V	V
WLAN802.11n(40M)	V	V	V
WLAN802.11a	V	V	-
WLAN802.11n(20M) 5G	V	V	V
WLAN802.11n(40M) 5G	V	V	V
WLAN802.11ac(20M) 5G	V	V	V
WLAN802.11ac(40M) 5G	V	V	V
WLAN802.11ac(80M) 5G	V	V	V
WLAN802.11ac(160M) 5G	V	V	V

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Full power

Main (Chain 0)

Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	19.50	19.39
		6	2437		20.50	20.42
		11	2462		19.50	19.44
		12	2467		18.50	18.41
		13	2472		15.00	14.96
	802.11g	1	2412	6Mbps	16.00	15.96
		2	2417		17.50	17.32
		6	2437		20.50	20.43
		10	2457		18.50	18.50
		11	2462		16.00	15.90
		12	2467		13.50	13.45
		13	2472		-6.00	-6.14
	802.11n20-HT0	1	2412	MCS0	16.00	15.89
		2	2417		17.50	17.39
		6	2437		20.50	20.30
		10	2457		18.50	18.33
		11	2462		16.00	15.93
		12	2467		13.50	13.40
		13	2472		-6.00	-6.07
	802.11n40-HT0	3	2422	MCS0	14.00	13.81
		4	2427		16.00	15.83
		6	2437		16.00	15.96
		8	2447		15.00	14.86
		9	2452		13.75	13.57
		10	2457		9.00	8.99
		11	2462		4.50	4.38

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Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	17.75	17.71
		40	5200		20.50	20.45
		44	5220		20.50	20.50
		48	5240		20.50	20.39
	802.11n20-HT0	36	5180	MCS0	17.75	17.63
		40	5200		20.50	20.40
		44	5220		20.50	20.49
		48	5240		20.50	20.46
	802.11ac20-VHT0	36	5180	MCS0	17.75	17.65
		40	5200		20.50	20.46
		44	5220		20.50	20.42
		48	5240		20.50	20.35
	802.11n40-HT0	38	5190	MCS0	19.25	19.17
		46	5230		20.50	20.35
	802.11ac40-VHT0	38	5190	MCS0	19.25	19.16
		46	5230		20.50	20.32
	802.11ac80-VHT0	42	5210	MCS0	18.00	17.99
	802.11ac160-VHT0	50	5250	MCS0	15.00	14.93

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Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	20.50	20.33
		56	5280		20.50	20.33
		60	5300		20.50	20.46
		64	5320		18.00	17.95
	802.11n20-HT0	52	5260	MCS0	20.50	20.41
		56	5280		20.50	20.39
		60	5300		20.50	20.42
		64	5320		18.00	17.88
	802.11ac20-VHT0	52	5260	MCS0	20.50	20.46
		56	5280		20.50	20.38
		60	5300		20.50	20.42
		64	5320		18.00	17.80
	802.11n40-HT0	54	5270	MCS0	20.50	20.50
		62	5310		15.50	15.37
	802.11ac40-VHT0	54	5270	MCS0	20.50	20.42
		62	5310		15.50	15.38
	802.11ac80-VHT0	58	5290	MCS0	14.50	14.34

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Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	16.75	16.59
		116	5580		20.50	20.35
		120	5600		20.50	20.49
		124	5620		20.50	20.45
		128	5640		20.50	20.40
		140	5700		18.50	18.44
	802.11n20-HT0	100	5500	MCS0	16.75	16.57
		116	5580		20.50	20.43
		120	5600		20.50	20.42
		124	5620		20.50	20.47
		128	5640		20.50	20.31
		140	5700		18.50	18.32
	802.11ac20-VHT0	100	5500	MCS0	16.75	16.64
		116	5580		20.50	20.47
		120	5600		20.50	20.44
		124	5620		20.50	20.39
		128	5640		20.50	20.44
		140	5700		18.50	18.38
	802.11n40-HT0	102	5510	MCS0	14.50	14.33
		110	5550		17.50	17.32
		118	5590		17.50	17.49
		126	5630		17.50	17.39
		134	5670		19.50	19.48
	802.11ac40-VHT0	102	5510	MCS0	14.50	14.39
		110	5550		17.50	17.41
		118	5590		17.50	17.34
		126	5630		17.50	17.38
		134	5670		19.50	19.32
	802.11ac80-VHT0	106	5530	MCS0	18.50	18.41
		122	5610		18.50	18.49
		138	5690		19.50	19.31
	802.11ac160-VHT0	114	5570	MCS0	12.50	12.42

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Main Antenna						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	20.50	20.43
		153	5765		20.50	20.43
		157	5785		20.50	20.46
		165	5825		20.50	20.43
	802.11n20-HT0	149	5745	MCS0	20.50	20.42
		153	5765		20.50	20.36
		157	5785		20.50	20.49
		165	5825		20.50	20.41
	802.11ac20-VHT0	149	5745	MCS0	20.50	20.35
		153	5765		20.50	20.43
		157	5785		20.50	20.37
		165	5825		20.50	20.38
	802.11n40-HT0	151	5755	MCS0	20.50	20.35
		159	5795		20.50	20.33
	802.11ac40-VHT0	151	5755	MCS0	20.50	20.32
		159	5795		20.50	20.42
	802.11ac80-VHT0	155	5775	MCS0	16.50	16.49

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Aux (Chain 1)

Aux Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	19.50	19.41
		6	2437		20.50	20.43
		11	2462		19.50	19.49
		12	2467		18.50	18.49
		13	2472		15.00	14.98
	802.11g	1	2412	6Mbps	16.00	15.83
		2	2417		18.50	18.32
		6	2437		20.50	20.42
		10	2457		18.50	18.49
		11	2462		16.50	16.30
		12	2467		13.00	12.86
		13	2472		-6.50	-6.68
	802.11n20-HT0	1	2412	MCS0	16.00	15.86
		2	2417		18.50	18.48
		6	2437		20.50	20.43
		10	2457		18.50	18.46
		11	2462		16.50	16.46
		12	2467		13.00	12.87
		13	2472		-6.50	-6.63
	802.11n40-HT0	3	2422	MCS0	14.00	13.84
		4	2427		16.00	15.83
		6	2437		16.00	15.80
		8	2447		14.00	13.89
		9	2452		13.75	13.55
		10	2457		9.50	9.35
		11	2462		3.25	3.18

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Aux Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.50	16.38
		40	5200		20.50	20.45
		44	5220		20.50	20.41
		48	5240		20.50	20.38
	802.11n20-HT0	36	5180	MCS0	16.50	16.35
		40	5200		20.50	20.49
		44	5220		20.50	20.49
		48	5240		20.50	20.34
	802.11ac20-VHT0	36	5180	MCS0	16.50	16.49
		40	5200		20.50	20.46
		44	5220		20.50	20.42
		48	5240		20.50	20.33
	802.11n40-HT0	38	5190	MCS0	19.25	19.14
		46	5230		20.50	20.36
	802.11ac40-VHT0	38	5190	MCS0	19.25	19.06
		46	5230		20.50	20.50
	802.11ac80-VHT0	42	5210	MCS0	17.00	16.81
	802.11ac160-VHT0	50	5250	MCS0	16.00	15.99

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Aux Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	20.50	20.40
		56	5280		20.50	20.35
		60	5300		20.50	20.45
		64	5320		17.00	16.80
	802.11n20-HT0	52	5260	MCS0	20.50	20.45
		56	5280		20.50	20.48
		60	5300		20.50	20.31
		64	5320		17.00	16.83
	802.11ac20-VHT0	52	5260	MCS0	20.50	20.36
		56	5280		20.50	20.38
		60	5300		20.50	20.36
		64	5320		17.00	16.99
	802.11n40-HT0	54	5270	MCS0	20.50	20.39
		62	5310		15.50	15.31
	802.11ac40-VHT0	54	5270	MCS0	20.50	20.34
		62	5310		15.50	15.39
	802.11ac80-VHT0	58	5290	MCS0	14.50	14.42

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Aux Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	17.00	16.88
		116	5580		20.50	20.33
		120	5600		20.50	20.40
		124	5620		20.50	20.40
		128	5640		20.50	20.37
		140	5700		18.50	18.40
	802.11n20-HT0	100	5500	MCS0	17.00	16.90
		116	5580		20.50	20.30
		120	5600		20.50	20.44
		124	5620		20.50	20.30
		128	5640		20.50	20.31
		140	5700		18.50	18.36
	802.11ac20-VHT0	100	5500	MCS0	17.00	16.91
		116	5580		20.50	20.49
		120	5600		20.50	20.48
		124	5620		20.50	20.41
		128	5640		20.50	20.31
		140	5700		18.50	18.47
	802.11n40-HT0	102	5510	MCS0	14.25	14.06
		110	5550		17.50	17.48
		118	5590		17.50	17.41
		126	5630		17.50	17.31
		134	5670		18.50	18.31
	802.11ac40-VHT0	102	5510	MCS0	14.25	14.18
		110	5550		17.50	17.42
		118	5590		17.50	17.41
		126	5630		17.50	17.30
		134	5670		18.50	18.37
	802.11ac80-VHT0	106	5530	MCS0	16.00	15.84
		122	5610		18.00	17.85
		138	5690		20.00	19.97
	802.11ac160-VHT0	114	5570	MCS0	12.50	12.44

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Aux Antenna						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	20.50	20.47
		153	5765		20.50	20.31
		157	5785		20.50	20.35
		165	5825		20.50	20.48
	802.11n20-HT0	149	5745	MCS0	20.50	20.38
		153	5765		20.50	20.31
		157	5785		20.50	20.39
		165	5825		20.50	20.37
	802.11ac20-VHT0	149	5745	MCS0	20.50	20.32
		153	5765		20.50	20.47
		157	5785		20.50	20.38
		165	5825		20.50	20.41
	802.11n40-HT0	151	5755	MCS0	19.50	19.36
		159	5795		20.50	20.40
	802.11ac40-VHT0	151	5755	MCS0	19.50	19.46
		159	5795		20.50	20.35
	802.11ac80-VHT0	155	5775	MCS0	16.00	15.97

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Reduced power

Main (Chain 0)

Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	19.00	18.93
		6	2437		19.00	18.99
		11	2462		19.00	18.94
		12	2467		18.50	18.41
		13	2472		15.00	14.89
	802.11g	1	2412	6Mbps	16.00	15.97
		2	2417		18.50	18.44
		6	2437		19.00	18.94
		10	2457		18.50	18.41
		11	2462		16.00	15.95
		12	2467		13.50	13.46
		13	2472		-6.00	-6.02
	802.11n20-HT0	1	2412	MCS0	16.00	15.98
		2	2417		18.50	18.49
		6	2437		19.00	18.97
		10	2457		18.50	18.42
		11	2462		16.00	15.95
		12	2467		13.50	13.48
		13	2472		-6.00	-6.31
	802.11n40-HT0	3	2422	MCS0	14.00	13.99
		4	2427		16.00	15.97
		6	2437		16.00	15.98
		8	2447		15.00	14.94
		9	2452		13.75	13.71
		10	2457		9.00	8.99
		11	2462		4.50	4.46

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Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	15.50	15.46
		40	5200		15.50	15.49
		44	5220		15.50	15.44
		48	5240		15.50	15.48
	802.11n20-HT0	36	5180	MCS0	15.50	15.42
		40	5200		15.50	15.43
		44	5220		15.50	15.41
		48	5240		15.50	15.47
	802.11ac20-VHT0	36	5180	MCS0	15.50	15.49
		40	5200		15.50	15.43
		44	5220		15.50	15.46
		48	5240		15.50	15.40
	802.11n40-HT0	38	5190	MCS0	15.50	15.49
		46	5230		15.50	15.41
	802.11ac40-VHT0	38	5190	MCS0	15.50	15.45
		46	5230		15.50	15.47
	802.11ac80-VHT0	42	5210	MCS0	15.50	15.46
	802.11ac160-VHT0	50	5250	MCS0	15.00	14.95

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Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.50	15.44
		56	5280		15.50	15.49
		60	5300		15.50	15.47
		64	5320		15.50	15.45
	802.11n20-HT0	52	5260	MCS0	15.50	15.44
		56	5280		15.50	15.47
		60	5300		15.50	15.41
		64	5320		15.50	15.40
	802.11ac20-VHT0	52	5260	MCS0	15.50	15.48
		56	5280		15.50	15.49
		60	5300		15.50	15.42
		64	5320		15.50	15.46
	802.11n40-HT0	54	5270	MCS0	15.50	15.47
		62	5310		15.50	15.49
	802.11ac40-VHT0	54	5270	MCS0	15.50	15.44
		62	5310		15.50	15.43
	802.11ac80-VHT0	58	5290	MCS0	14.50	14.39

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Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	15.50	15.44
		116	5580		15.50	15.48
		120	5600		15.50	15.39
		124	5620		15.50	15.40
		128	5640		15.50	15.43
		140	5700		15.50	15.49
	802.11n20-HT0	100	5500	MCS0	15.50	15.48
		116	5580		15.50	15.49
		120	5600		15.50	15.42
		124	5620		15.50	15.40
		128	5640		15.50	15.44
		140	5700		15.50	15.46
	802.11ac20-VHT0	100	5500	MCS0	15.50	15.46
		116	5580		15.50	15.47
		120	5600		15.50	15.41
		124	5620		15.50	15.38
		128	5640		15.50	15.40
		140	5700		15.50	15.44
	802.11n40-HT0	102	5510	MCS0	14.50	14.39
		110	5550		15.50	15.48
		118	5590		15.50	15.44
		126	5630		15.50	15.41
		134	5670		15.50	15.49
	802.11ac40-VHT0	102	5510	MCS0	14.50	14.42
		110	5550		15.50	15.48
		118	5590		15.50	15.42
		126	5630		15.50	15.43
		134	5670		15.50	15.47
	802.11ac80-VHT0	106	5530	MCS0	15.50	15.48
		122	5610		15.50	15.40
		138	5690		15.50	15.44
	802.11ac160-VHT0	114	5570	MCS0	12.50	12.39

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Main Antenna						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	15.50	15.45
		153	5765		15.50	15.49
		157	5785		15.50	15.47
		165	5825		15.50	15.42
	802.11n20-HT0	149	5745	MCS0	15.50	15.48
		153	5765		15.50	15.43
		157	5785		15.50	15.46
		165	5825		15.50	15.40
	802.11ac20-VHT0	149	5745	MCS0	15.50	15.39
		153	5765		15.50	15.41
		157	5785		15.50	15.44
		165	5825		15.50	15.45
	802.11n40-HT0	151	5755	MCS0	15.50	15.44
		159	5795		15.50	15.48
	802.11ac40-VHT0	151	5755	MCS0	15.50	15.46
		159	5795		15.50	15.47
	802.11ac80-VHT0	155	5775	MCS0	15.50	15.49

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Aux (Chain 1)

Aux Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	19.00	18.99
		6	2437		19.00	18.97
		11	2462		19.00	18.95
		12	2467		18.50	18.45
		13	2472		15.00	14.99
	802.11g	1	2412	6Mbps	16.00	15.96
		2	2417		18.50	18.41
		6	2437		19.00	18.95
		10	2457		18.50	18.45
		11	2462		16.50	16.46
		12	2467		13.00	12.94
		13	2472		-6.50	-6.55
	802.11n20-HT0	1	2412	MCS0	16.00	15.97
		2	2417		18.50	18.45
		6	2437		19.00	18.93
		10	2457		18.50	18.42
		11	2462		16.50	16.45
		12	2467		13.00	12.97
		13	2472		-6.50	-6.51
	802.11n40-HT0	3	2422	MCS0	14.00	13.92
		4	2427		16.00	15.95
		6	2437		16.00	15.98
		8	2447		14.00	13.96
		9	2452		13.75	13.71
		10	2457		9.50	9.45
		11	2462		3.25	3.21

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Aux Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.50	16.45
		40	5200		17.50	17.47
		44	5220		17.50	17.49
		48	5240		17.50	17.48
	802.11n20-HT0	36	5180	MCS0	16.50	16.47
		40	5200		17.50	17.46
		44	5220		17.50	17.48
		48	5240		17.50	17.41
	802.11ac20-VHT0	36	5180	MCS0	16.50	16.42
		40	5200		17.50	17.44
		44	5220		17.50	17.40
		48	5240		17.50	17.48
	802.11n40-HT0	38	5190	MCS0	17.50	17.47
		46	5230		17.50	17.41
	802.11ac40-VHT0	38	5190	MCS0	17.50	17.43
		46	5230		17.50	17.46
	802.11ac80-VHT0	42	5210	MCS0	17.00	16.96
	802.11ac160-VHT0	50	5250	MCS0	16.00	15.95

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Aux Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	17.50	17.42
		56	5280		17.50	17.47
		60	5300		17.50	17.45
		64	5320		17.00	16.95
	802.11n20-HT0	52	5260	MCS0	17.50	17.43
		56	5280		17.50	17.40
		60	5300		17.50	17.39
		64	5320		17.00	16.93
	802.11ac20-VHT0	52	5260	MCS0	17.50	17.44
		56	5280		17.50	17.47
		60	5300		17.50	17.48
		64	5320		17.00	16.99
	802.11n40-HT0	54	5270	MCS0	17.50	17.49
		62	5310		15.50	15.48
	802.11ac40-VHT0	54	5270	MCS0	17.50	17.43
		62	5310		15.50	15.41
	802.11ac80-VHT0	58	5290	MCS0	14.50	14.48

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Aux Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	16.00	15.96
		116	5580		16.00	15.98
		120	5600		16.00	15.92
		124	5620		16.00	15.89
		128	5640		16.00	15.90
		140	5700		16.00	15.95
	802.11n20-HT0	100	5500	MCS0	16.00	15.94
		116	5580		16.00	15.99
		120	5600		16.00	15.91
		124	5620		16.00	15.90
		128	5640		16.00	15.93
		140	5700		16.00	15.98
	802.11ac20-VHT0	100	5500	MCS0	16.00	15.95
		116	5580		16.00	15.98
		120	5600		16.00	15.90
		124	5620		16.00	15.93
		128	5640		16.00	15.88
		140	5700		16.00	15.94
	802.11n40-HT0	102	5510	MCS0	14.25	14.21
		110	5550		16.00	15.95
		118	5590		16.00	15.92
		126	5630		16.00	15.90
		134	5670		16.00	15.98
	802.11ac40-VHT0	102	5510	MCS0	14.25	14.20
		110	5550		16.00	15.98
		118	5590		16.00	15.92
		126	5630		16.00	15.94
		134	5670		16.00	15.98
	802.11ac80-VHT0	106	5530	MCS0	16.00	15.99
		122	5610		16.00	15.95
		138	5690		16.00	15.96
	802.11ac160-VHT0	114	5570	MCS0	12.50	12.43

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Aux Antenna						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	17.50	17.47
		153	5765		17.50	17.43
		157	5785		17.50	17.45
		165	5825		17.50	17.48
	802.11n20-HT0	149	5745	MCS0	17.50	17.45
		153	5765		17.50	17.48
		157	5785		17.50	17.42
		165	5825		17.50	17.49
	802.11ac20-VHT0	149	5745	MCS0	17.50	17.40
		153	5765		17.50	17.46
		157	5785		17.50	17.47
		165	5825		17.50	17.48
	802.11n40-HT0	151	5755	MCS0	17.50	17.48
		159	5795		17.50	17.43
	802.11ac40-VHT0	151	5755	MCS0	17.50	17.42
		159	5795		17.50	17.45
	802.11ac80-VHT0	155	5775	MCS0	16.00	15.97

Bluetooth conducted power table:

Mode	Channel	Frequency (MHz)	Average Output Power (dBm)			Max. Rated Avg. Power + Max. Tolerance (dBm)
			1Mbps	2Mbps	3Mbps	
BR/EDR	CH 00	2402	8.01	6.62	6.63	9.5
	CH 39	2441	8.88	7.08	7.09	
	CH 78	2480	9.35	7.36	7.36	

Mode	Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)
			GFSK	
LE	CH 00	2402	5.29	6
	CH 19	2440	5.51	
	CH 39	2480	5.76	

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1.3.1 LTE Downlink CA specification

LTE Downlink 2CA conducted power table

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Full Power		Configurations
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B17	10	5790	740	23.53	23.56	CA_2A-17A
LTE B17	10	QPSK	1	49	23800	711	5800	741	LTE B2	20	900	1960	23.40	23.45	CA_2A-17A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B17	10	5790	740	23.45	23.50	CA_4A-17A
LTE B17	10	QPSK	1	49	23800	711	5800	741	LTE B4	20	2175	2132.5	23.28	23.45	CA_4A-17A
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B7	20	3100	2655	23.31	23.45	CA_5A-7A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B5	10	2525	881.5	23.53	23.63	CA_5A-7A
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B66	20	66786	2145	23.34	23.45	CA_5A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B5	10	2525	881.5	23.21	23.27	CA_5A-66A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3100	2655	23.55	23.63	CA_7A-7A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3100	2655	23.51	23.63	CA_7B
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3100	2655	23.56	23.63	CA_7C
LTE B25	20	QPSK	1	0	26140	1860	8140	1940	LTE B26	15	8865	876.5	23.25	23.34	CA_25A-26A
LTE B26	15	QPSK	1	74	26865	831.5	8865	876.5	LTE B25	20	8365	1962.5	23.39	23.49	CA_25A-26A
LTE B25	20	QPSK	1	0	26140	1860	8140	1940	LTE B41	20	40620	2593	23.28	23.34	CA_25A-41A
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B25	20	8365	1962.5	23.66	23.83	CA_25A-41A
LTE B25	20	QPSK	1	0	26140	1860	8140	1940	LTE B25	20	8365	1962.5	23.30	23.34	CA_25A-25A
LTE B26	15	QPSK	1	74	26865	831.5	8865	876.5	LTE B41	20	40620	2593	23.37	23.49	CA_26A-41A
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B26	15	8865	876.5	23.69	23.83	CA_26A-41A
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B41	20	40620	2593	23.75	23.83	CA_41A-41A

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Reduced Power		Configurations
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B17	10	5790	740	16.76	16.96	CA_2A-17A
LTE B17	10	QPSK	1	0	23790	710	5790	740	LTE B2	20	900	1960	17.79	17.98	CA_2A-17A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B17	10	5790	740	19.78	19.91	CA_4A-17A
LTE B17	10	QPSK	1	0	23790	710	5790	740	LTE B4	20	2175	2132.5	17.77	17.98	CA_4A-17A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	LTE B7	20	3100	2655	18.91	18.99	CA_5A-7A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B5	10	2525	881.5	15.96	15.99	CA_5A-7A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	LTE B66	20	66786	2145	18.85	18.99	CA_5A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B5	10	2525	881.5	19.77	19.97	CA_5A-66A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3100	2655	15.83	15.99	CA_7A-7A
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3100	2655	15.78	15.99	CA_7B
LTE B7	20	QPSK	1	0	20850	2510	2850	2630	LTE B7	20	3100	2655	15.91	15.99	CA_7C
LTE B25	20	QPSK	50	0	26140	1860	8140	1940	LTE B26	15	8865	876.5	16.82	16.96	CA_25A-26A
LTE B26	15	QPSK	1	36	26965	841.5	8965	886.5	LTE B25	20	8365	1962.5	18.93	18.98	CA_25A-26A
LTE B25	20	QPSK	50	0	26140	1860	8140	1940	LTE B41	20	40620	2593	16.75	16.96	CA_25A-41A
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	LTE B25	20	8365	1962.5	18.80	18.98	CA_25A-41A
LTE B25	20	QPSK	50	0	26140	1860	8140	1940	LTE B25	20	8365	1962.5	16.81	16.96	CA_25A-25A
LTE B26	15	QPSK	1	36	26965	841.5	8965	886.5	LTE B41	20	40620	2593	18.83	18.98	CA_26A-41A
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	LTE B26	15	8865	876.5	18.79	18.98	CA_26A-41A
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	LTE B41	20	40620	2593	18.88	18.98	CA_41A-41A

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LTE Downlink 3CA conducted power table

Three Component Carrier Maximum Conducted Power																			
PCC									SCC 1				SCC 2				Full Power		
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B4	20	2175	2132.5	LTE B13	10	5230	751	23.48	23.56	CA_2A-4A-13A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B2	20	900	1960	LTE B13	10	5230	751	23.45	23.50	CA_2A-4A-13A
LTE B13	10	QPSK	1	49	23230	782	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	23.36	23.39	CA_2A-4A-13A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	23.40	23.56	CA_2A-29A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B2	20	900	1960	LTE B29	10	9715	722.5	22.74	22.81	CA_2A-29A-30A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	23.50	23.56	CA_2A-5A-66A
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B2	20	900	1960	LTE B66	20	66786	2145	23.28	23.45	CA_2A-5A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B2	20	900	1960	LTE B5	10	2525	881.5	23.18	23.27	CA_2A-5A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B13	10	5230	751	LTE B66	20	66786	2145	23.43	23.56	CA_2A-13A-66A
LTE B13	10	QPSK	1	49	23230	782	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	23.18	23.39	CA_2A-13A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B2	20	900	1960	LTE B13	10	5230	751	23.07	23.27	CA_2A-13A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	898	1959.8	LTE B29	10	9715	722.5	23.39	23.56	CA_2C-29A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	23.43	23.56	CA_2A-66B
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	10	66987	2165.1	LTE B2	20	900	1960	23.11	23.27	CA_2A-66B
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	23.45	23.56	CA_2A-66C
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	20	66734	2139.8	LTE B2	20	900	1960	23.07	23.27	CA_2A-66C
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2525	881.5	23.40	23.56	CA_2A-2A-5A
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B2	20	700	1940	LTE B2	20	1100	1980	23.36	23.45	CA_2A-2A-5A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	10	5230	751	23.45	23.56	CA_2A-2A-13A
LTE B13	10	QPSK	1	49	23230	782	5230	751	LTE B2	20	700	1940	LTE B2	20	1100	1980	23.29	23.39	CA_2A-2A-13A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B66	20	66734	2139.8	23.40	23.56	CA_2A-2A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B2	20	700	1940	LTE B2	20	1100	1980	23.15	23.27	CA_2A-2A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B66	20	66536	2120	LTE B66	20	67036	2170	23.44	23.56	CA_2A-66A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	20	66536	2120	LTE B2	20	900	1960	23.11	23.27	CA_2A-66A-66A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	23.37	23.50	CA_4A-29A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	22.66	22.81	CA_4A-29A-30A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2525	881.5	23.29	23.50	CA_4A-4A-5A
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.28	23.45	CA_4A-4A-5A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B13	10	5230	751	23.45	23.50	CA_4A-4A-13A
LTE B13	10	QPSK	1	49	23230	782	5230	751	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.25	23.39	CA_4A-4A-13A
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B66	20	66536	2120	LTE B66	20	67036	2170	23.35	23.45	CA_5A-66A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	20	66536	2120	LTE B5	10	2525	881.5	23.15	23.27	CA_5A-66A-66A
LTE B13	10	QPSK	1	49	23230	782	5230	751	LTE B66	20	66536	2120	LTE B66	20	67036	2170	23.23	23.39	CA_13A-66A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	20	66536	2120	LTE B13	10	5230	751	23.13	23.27	CA_13A-66A-66A
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	23.69	23.83	CA_41A-41C
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B41	20	39948	2525.8	LTE B41	20	41490	2680	23.70	23.83	CA_41A-41C
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	15	67213	2187.7	LTE B66	5	67306	2197	23.22	23.27	CA_66A-66B
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	23.22	23.27	CA_66A-66C
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	20	66734	2139.8	LTE B66	20	66932	2159.6	23.10	23.27	CA_66D

Three Component Carrier Maximum Conducted Power																			
PCC									SCC 1				SCC 2				Reduced Power		
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B4	20	2175	2132.5	LTE B13	10	5230	751	16.91	16.96	CA_2A-4A-13A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B13	10	5230	751	19.86	19.91	CA_2A-4A-13A
LTE B13	10	QPSK	25	25	23230	782	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	18.89	19.00	CA_2A-4A-13A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	16.81	16.96	CA_2A-29A-30A
LTE B30	10	QPSK	25	12	27710	2310	9820	2355	LTE B2	20	900	1960	LTE B29	10	9715	722.5	15.94	15.97	CA_2A-29A-30A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	16.75	16.96	CA_2A-5A-66A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	18.83	18.99	CA_2A-5A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B2	20	900	1960	LTE B5	10	2525	881.5	19.88	19.97	CA_2A-5A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B13	10	5230	751	LTE B66	20	66786	2145	16.88	16.96	CA_2A-13A-66A
LTE B13	10	QPSK	25	25	23230	782	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	18.79	19.00	CA_2A-13A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B2	20	900	1960	LTE B13	10	5230	751	19.88	19.97	CA_2A-13A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	898	1959.8	LTE B29	10	9715	722.5	16.80	16.96	CA_2C-29A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	16.82	16.96	CA_2A-66B
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	10	66987	2165.1	LTE B2	20	900	1960	19.94	19.97	CA_2A-66B
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	16.85	16.96	CA_2A-66C
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	66734	2139.8	LTE B2	20	900	1960	19.77	19.97	CA_2A-66C
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2525	881.5	16.79	16.96	CA_2A-2A-5A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	LTE B2	20	700	1940	LTE B2	20	1100	1980	18.84	18.99	CA_2A-2A-5A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	10	5230	751	16.85	16.96	CA_2A-2A-13A
LTE B13	10	QPSK	25	25	23230	782	5230	751	LTE B2	20	700	1940	LTE B2	20	1100	1980	18.92	19.00	CA_2A-2A-13A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B66	20	66734	2139.8	16.92	16.96	CA_2A-2A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B2	20	700	1940	LTE B2	20	1100	1980	19.90	19.97	CA_2A-2A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B66	20	66536	2120	LTE B66	20	67036	2170	16.88	16.96	CA_2A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	66536	2120	LTE B2	20	900	1960	19.76	19.97	CA_2A-66A-66A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	19.70	19.91	CA_4A-29A-30A
LTE B30	10	QPSK	25	12	27710	2310	9820	2355	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	15.79	15.97	CA_4A-29A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B5	10	2525	881.5	19.76	19.91	CA_4A-4A-5A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	18.78	18.99	CA_4A-4A-5A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B13	10	5230	751	19.73	19.91	CA_4A-4A-13A
LTE B13	10	QPSK	25	25	23230	782	5230	751	LTE B4	20	2050	2120	LTE B4	20	2300	2145	18.92	19.00	CA_4A-4A-13A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	LTE B66	20	66536	2120	LTE B66	20	67036	2170	18.80	18.99	CA_5A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	66536	2120	LTE B5	10	2525	881.5	19.88	19.97	CA_5A-66A-66A
LTE B13	10	QPSK	25	25	23230	782	5230	751	LTE B66	20	66536	2120	LTE B66	20	67036	2170	18.83	19.00	CA_13A-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	66536	2120	LTE B13	10	5230	751	19.94	19.97	CA_13A-66A-66A
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	18.80	18.98	CA_41A-41C
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	LTE B41	20	39948	2525.8	LTE B41	20	41490	2680	18.94	18.98	CA_41A-41C
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	15	67213	2187.7	LTE B66	5	67306	2197	19.88	19.97	CA_66A-66B
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	19.88	19.97	CA_66A-66C
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	66734	2139.8	LTE B66	20	66932	2159.6	19.85	19.97	CA_66D

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LTE Downlink 4CA conducted power table

Four Component Carrier Maximum Conducted Power									
PCC									Configurations
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC (DL) Channel	PCC (DL) Frequency [MHz]	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	CA_2A-4A-5A-30A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	CA_2A-4A-5A-30A
LTE B5	10	QPSK	1	0	20600	844	2600	889	CA_2A-4A-5A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	CA_2A-4A-5A-30A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	CA_2A-4A-12A-30A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	CA_2A-4A-12A-30A
LTE B12	10	QPSK	1	49	23130	711	5130	741	CA_2A-4A-12A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	CA_2A-4A-12A-30A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	CA_2A-14A-30A-66A
LTE B14	10	QPSK	1	0	23330	793	5330	763	CA_2A-14A-30A-66A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	CA_2A-14A-30A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	CA_2A-14A-30A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	CA_2A-2A-12A-30A
LTE B12	10	QPSK	1	49	23130	711	5130	741	CA_2A-2A-12A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	CA_2A-2A-12A-30A
LTE B5	10	QPSK	1	0	20600	844	2600	889	CA_5A-5A-66B
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	CA_5A-5A-66B
LTE B5	10	QPSK	1	0	20600	844	2600	889	CA_5A-5A-66C
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	CA_5A-5A-66C
LTE B5	10	QPSK	1	0	20600	844	2600	889	CA 5B-66A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	CA 5B-66A-66A
LTE B25	20	QPSK	1	0	26140	1860	8140	1940	CA 25A-41D
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	CA 25A-41D
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	CA 41A-41D
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	CA 41C-41C

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Four Component Carrier Maximum Conducted Power														
SCC 1				SCC 2				SCC 3				Full Power		Configurations
SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	
LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.50	23.56	CA_2A-4A-5A-30A
LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.32	23.50	CA_2A-4A-5A-30A
LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	23.30	23.45	CA_2A-4A-5A-30A
LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	22.73	22.81	CA_2A-4A-5A-30A
LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.40	23.56	CA_2A-4A-12A-30A
LTE B2	20	900	1960	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.36	23.50	CA_2A-4A-12A-30A
LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	23.57	23.63	CA_2A-4A-12A-30A
LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	22.76	22.81	CA_2A-4A-12A-30A
LTE B14	10	5330	763	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	23.51	23.56	CA_2A-14A-30A-66A
LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	23.62	23.72	CA_2A-14A-30A-66A
LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B66	20	66734	2139.8	22.77	22.81	CA_2A-14A-30A-66A
LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B30	10	9820	2355	23.08	23.27	CA_2A-14A-30A-66A
LTE B2	20	1100	1980	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.48	23.56	CA_2A-2A-12A-30A
LTE B2	20	700	1940	LTE B2	20	1100	1980	LTE B30	10	9820	2355	23.54	23.63	CA_2A-2A-12A-30A
LTE B2	20	700	1940	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	22.70	22.81	CA_2A-2A-12A-30A
LTE B5	10	2600	889	LTE B66	15	67213	2187.7	LTE B66	5	67306	2197	23.37	23.45	CA_5A-5A-66B
LTE B66	10	66987	2165.1	LTE B5	10	2450	874	LTE B5	10	2600	889	23.16	23.27	CA_5A-5A-66B
LTE B5	10	2600	889	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	23.31	23.45	CA_5A-5A-66C
LTE B66	20	66734	2139.8	LTE B5	10	2450	874	LTE B5	10	2600	889	23.24	23.27	CA_5A-5A-66C
LTE B5	10	2549	883.9	LTE B66	20	66536	2120	LTE B66	20	67036	2170	23.28	23.45	CA 5B-66A-66A
LTE B66	20	66536	2120	LTE B5	10	2450	874	LTE B5	10	2549	883.9	23.21	23.27	CA 5B-66A-66A
LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	23.13	23.34	CA 25A-41D
LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	LTE B25	20	8365	1962.5	23.67	23.83	CA 25A-41D
LTE B41	20	41094	2640.4	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	23.77	23.83	CA 41A-41D
LTE B41	20	39948	2525.8	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	23.79	23.83	CA 41C-41C

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Four Component Carrier Maximum Conducted Power									
PCC									Configurations
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC (DL) Channel	PCC (DL) Frequency [MHz]	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	CA_2A-4A-5A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	CA_2A-4A-5A-30A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	CA_2A-4A-5A-30A
LTE B30	10	QPSK	25	12	27710	2310	9820	2355	CA_2A-4A-5A-30A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	CA_2A-4A-12A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	CA_2A-4A-12A-30A
LTE B12	10	QPSK	1	49	23060	704	5060	734	CA_2A-4A-12A-30A
LTE B30	10	QPSK	25	12	27710	2310	9820	2355	CA_2A-4A-12A-30A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	CA_2A-14A-30A-66A
LTE B14	10	QPSK	1	0	23330	793	5330	763	CA_2A-14A-30A-66A
LTE B30	10	QPSK	25	12	27710	2310	9820	2355	CA_2A-14A-30A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	CA_2A-14A-30A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	CA_2A-2A-12A-30A
LTE B12	10	QPSK	1	49	23060	704	5060	734	CA_2A-2A-12A-30A
LTE B30	10	QPSK	25	12	27710	2310	9820	2355	CA_2A-2A-12A-30A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	CA_5A-5A-66B
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	CA_5A-5A-66B
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	CA_5A-5A-66C
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	CA_5A-5A-66C
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	CA 5B-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	CA 5B-66A-66A
LTE B25	20	QPSK	50	0	26140	1860	8140	1940	CA 25A-41D
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	CA 25A-41D
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	CA 41A-41D
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	CA 41C-41C

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Four Component Carrier Maximum Conducted Power														
SCC 1				SCC 2				SCC 3				Reduced Power		Configurations
SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	
LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	16.87	16.96	CA_2A-4A-5A-30A
LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	19.73	19.91	CA_2A-4A-5A-30A
LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	18.83	18.99	CA_2A-4A-5A-30A
LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	15.92	15.97	CA_2A-4A-5A-30A
LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	16.88	16.96	CA_2A-4A-12A-30A
LTE B2	20	900	1960	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	19.73	19.91	CA_2A-4A-12A-30A
LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	17.89	17.98	CA_2A-4A-12A-30A
LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	15.90	15.97	CA_2A-4A-12A-30A
LTE B14	10	5330	763	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	16.87	16.96	CA_2A-14A-30A-66A
LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	18.76	18.89	CA_2A-14A-30A-66A
LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B66	20	66734	2139.8	15.90	15.97	CA_2A-14A-30A-66A
LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B30	10	9820	2355	19.90	19.97	CA_2A-14A-30A-66A
LTE B2	20	1100	1980	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	16.88	16.96	CA_2A-2A-12A-30A
LTE B2	20	700	1940	LTE B2	20	1100	1980	LTE B30	10	9820	2355	17.90	17.98	CA_2A-2A-12A-30A
LTE B2	20	700	1940	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	15.87	15.97	CA_2A-2A-12A-30A
LTE B5	10	2600	889	LTE B66	15	67213	2187.7	LTE B66	5	67306	2197	18.87	18.99	CA_5A-5A-66B
LTE B66	10	66987	2165.1	LTE B5	10	2450	874	LTE B5	10	2600	889	19.79	19.97	CA_5A-5A-66B
LTE B5	10	2600	889	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	18.87	18.99	CA_5A-5A-66C
LTE B66	20	66734	2139.8	LTE B5	10	2450	874	LTE B5	10	2600	889	19.93	19.97	CA_5A-5A-66C
LTE B5	10	2549	883.9	LTE B66	20	66536	2120	LTE B66	20	67036	2170	18.84	18.99	CA 5B-66A-66A
LTE B66	20	66536	2120	LTE B5	10	2450	874	LTE B5	10	2549	883.9	19.77	19.97	CA 5B-66A-66A
LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	16.79	16.96	CA 25A-41D
LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	LTE B25	20	8365	1962.5	18.92	18.98	CA 25A-41D
LTE B41	20	41094	2640.4	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	18.89	18.98	CA 41A-41D
LTE B41	20	39948	2525.8	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	18.88	18.98	CA 41C-41C

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LTE Downlink 5CA conducted power table

Five Component Carrier Maximum Conducted Power															
PCC									SCC 1				Full Power		
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B5	10	2450	874	23.42	23.56	CA 2A-5B-30A-66A
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B5	10	2549	883.9	23.29	23.45	CA 2A-5B-30A-66A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B2	20	900	1960	22.73	22.81	CA 2A-5B-30A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B2	20	900	1960	23.22	23.27	CA 2A-5B-30A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B5	10	2450	874	23.53	23.56	CA 2A-5B-66A-66A
LTE B5	10	QPSK	1	0	20600	844	2600	889	LTE B5	10	2450	874	23.39	23.45	CA 2A-5B-66A-66A
LTE B66	20	QPSK	1	50	132072	1720	66536	2120	LTE B66	20	66536	2120	23.21	23.27	CA 2A-5B-66A-66A
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B41	20	39948	2525.8	23.79	23.83	CA 41C-41D
LTE B41	20	QPSK	1	0	41490	2680	41490	2680	LTE B41	20	39948	2525.8	23.70	23.83	CA 41C-41D

Five Component Carrier Maximum Conducted Power														
SCC 2				SCC 4				SCC 3				Full Power		
SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
LTE B5	10	2549	883.9	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	23.42	23.56	CA 2A-5B-30A-66A
LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	23.29	23.45	CA 2A-5B-30A-66A
LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B66	20	66734	2139.8	22.73	22.81	CA 2A-5B-30A-66A
LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B30	10	9820	2355	23.22	23.27	CA 2A-5B-30A-66A
LTE B5	10	2549	883.9	LTE B66	20	67036	2170	LTE B66	20	66536	2120	23.53	23.56	CA 2A-5B-66A-66A
LTE B66	20	67036	2170	LTE B66	20	66536	2120	LTE B2	20	900	1960	23.39	23.45	CA 2A-5B-66A-66A
LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B2	20	900	1960	23.21	23.27	CA 2A-5B-66A-66A
LTE B41	20	41094	2640.4	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	23.79	23.83	CA 41C-41D
LTE B41	20	40146	2545.6	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	23.70	23.83	CA 41C-41D

Five Component Carrier Maximum Conducted Power														
PCC									SCC 1				Reduced Power		
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B5	10	2450	874	16.90	16.96	CA 2A-5B-30A-66A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	LTE B5	10	2549	883.9	18.84	18.99	CA 2A-5B-30A-66A
LTE B30	10	QPSK	25	12	27710	2310	9820	2355	LTE B2	20	900	1960	15.94	15.97	CA 2A-5B-30A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B2	20	900	1960	19.88	19.97	CA 2A-5B-30A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B5	10	2450	874	16.79	16.96	CA 2A-5B-66A-66A
LTE B5	10	QPSK	1	49	20525	836.5	2525	881.5	LTE B5	10	2450	874	18.86	18.99	CA 2A-5B-66A-66A
LTE B66	20	QPSK	1	0	132072	1720	66536	2120	LTE B66	20	66536	2120	19.91	19.97	CA 2A-5B-66A-66A
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	LTE B41	20	39948	2525.8	18.80	18.98	CA 41C-41D
LTE B41	20	QPSK	1	50	41490	2680	41490	2680	LTE B41	20	39948	2525.8	18.84	18.98	CA 41C-41D

Five Component Carrier Maximum Conducted Power														
SCC 2				SCC 4				SCC 3				Reduced Power		
SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
LTE B5	10	2549	883.9	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	16.90	16.96	CA 2A-5B-30A-66A
LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	18.84	18.99	CA 2A-5B-30A-66A
LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B66	20	66734	2139.8	15.94	15.97	CA 2A-5B-30A-66A
LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B30	10	9820	2355	19.88	19.97	CA 2A-5B-30A-66A
LTE B5	10	2549	883.9	LTE B66	20	67036	2170	LTE B66	20	66536	2120	16.79	16.96	CA 2A-5B-66A-66A
LTE B66	20	67036	2170	LTE B66	20	66536	2120	LTE B2	20	900	1960	18.86	18.99	CA 2A-5B-66A-66A
LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B2	20	900	1960	19.91	19.97	CA 2A-5B-66A-66A
LTE B41	20	41094	2640.4	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	18.80	18.98	CA 41C-41D
LTE B41	20	40146	2545.6	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	18.84	18.98	CA 41C-41D

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LTE CA information

A)

The device supports downlink LTE Carrier Aggregation (CA) only. It supports a maximum of 5 carriers in the downlink. Other Release 10 features or higher features are not supported, including Uplink Carrier Aggregation, Enhanced SC-FDMA and Uplink MIMO or other antenna diversity configurations etc. All uplink communications are identical to the Release 8 Specifications.

The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.521-1 V14.3.0. The conducted power measurement results of downlink LTE CA are provided as above per 3GPP TS 36.521-1 V14.3.0. According to KDB 941225 D05A and RF exposure procedures in TCB workshop April 2018, the downlink LTE CA SAR test is not required.

B)

CA combination table

Index	2CC	Restriction	Completely Covered by Measurement Superset	Index	3CC	Restriction	Completely Covered by Measurement Superset	Index	4CC	Restriction	Completely Covered by Measurement Superset	Index	5CC	Restriction	Completely Covered by Measurement Superset
2CC #1	CA 2A-4A		3CC #1	3CC #1	CA 2A-4A-5A		4CC #1	4CC #1	CA 2A-4A-5A-30A		No	5CC #1	CA 2A-5B-30A-66A		No
2CC #2	CA 2A-5A		3CC #3	3CC #2	CA 2A-4A-13A		No	4CC #2	CA 2A-4A-12A-30A		No	5CC #2	CA 2A-5B-66A-66A		No
2CC #3	CA 2A-12A		3CC #4	3CC #3	CA 2A-5A-30A		4CC #1	4CC #3	CA 2A-14A-30A-66A		No	5CC #3	CA 41C-41D		No
2CC #4	CA 2A-13A		3CC #7	3CC #4	CA 2A-12A-30A		4CC #2	4CC #4	CA 2A-2A-12A-30A		No				
2CC #5	CA 2A-14A		3CC #5	3CC #5	CA 2A-14A-30A		4CC #3	4CC #5	CA 2A-5B-30A		5CC #1				
2CC #6	CA 2A-17A		No	3CC #6	CA 2A-14A-66A		4CC #3	4CC #6	CA 2A-5B-66A		5CC #1				
2CC #7	CA 2A-29A	B29 SCC only	3CC #7	3CC #7	CA 2A-29A-30A	B29 SCC only	No	4CC #7	CA 5B-30A-66A		5CC #1				
2CC #8	CA 2A-30A		3CC #7	3CC #8	CA 2A-5A-66A		No	4CC #8	CA 5A-5A-66B		No				
2CC #9	CA 2A-66A		3CC #6	3CC #9	CA 2A-13A-66A		No	4CC #9	CA 5A-5A-66C		No				
2CC #10	CA 2C		3CC #11	3CC #10	CA 2A-30A-66A		5CC #1	4CC #10	CA 5B-66A-66A		5CC #2				
2CC #11	CA 2A-2A		3CC #15	3CC #11	CA 2C-29A	B29 SCC only	No	4CC #11	CA 25A-41D		No				
2CC #12	CA 4A-5A		3CC #21	3CC #12	CA 2A-5B		4CC #5	4CC #12	CA 41A-41D		No				
2CC #13	CA 4A-12A		3CC #22	3CC #13	CA 2A-66B		No	4CC #13	CA 41C-41C		No				
2CC #14	CA 4A-13A		3CC #2	3CC #14	CA 2A-66C		No								
2CC #15	CA 4A-17A		No	3CC #15	CA 2A-2A-5A		No								
2CC #16	CA 4A-29A		3CC #23	3CC #16	CA 2A-2A-12A		4CC #4								
2CC #17	CA 4A-30A		3CC #21	3CC #17	CA 2A-2A-13A		No								
2CC #18	CA 4A-4A		3CC #24	3CC #18	CA 2A-2A-30A		4CC #4								
2CC #19	CA 5A-7A		No	3CC #19	CA 2A-2A-66A		No								
2CC #20	CA 5A-30A		4CC #1	3CC #20	CA 2A-66A-66A		No								
2CC #21	CA 5A-66A		No	3CC #21	CA 4A-5A-30A		4CC #1								
2CC #22	CA 5A-5A		4CC #8	3CC #22	CA 4A-12A-30A		4CC #2								
2CC #23	CA 5B		3CC #27	3CC #23	CA 4A-29A-30A	B29 SCC only	No								
2CC #24	CA 7A-7A		No	3CC #24	CA 4A-4A-5A		No								
2CC #25	CA 7B		No	3CC #25	CA 4A-4A-13A		No								
2CC #26	CA 7C		No	3CC #26	CA 5A-66A-66A		No								
2CC #27	CA 12A-30A		3CC #4	3CC #27	CA 5B-30A		4CC #5								
2CC #28	CA 13A-66A		3CC #9	3CC #28	CA 5B-66A		4CC #6								
2CC #29	CA 14A-30A		3CC #5	3CC #29	CA 5A-66B		4CC #8								
2CC #30	CA 14A-66A		3CC #6	3CC #30	CA 5A-66C		4CC #9								
2CC #31	CA 25A-26A		No	3CC #31	CA 13A-66A-66A		No								
2CC #32	CA 25A-41A		No	3CC #32	CA 14A-30A-66A		4CC #3								
2CC #32	CA 25A-25A		No	3CC #33	CA 41A-41C		No								
2CC #33	CA 26A-41A		No	3CC #34	CA 41D		4CC #11								
2CC #34	CA 29A-30A	B29 SCC only	3CC #7	3CC #35	CA 66A-66B		No								
2CC #35	CA 30A-66A		3CC #10	3CC #36	CA 66A-66C		No								
2CC #36	CA 41C		3CC #33	3CC #37	CA 66D		No								
2CC #37	CA 41A-41A		No												
2CC #38	CA 66A-66A		3CC #20												
2CC #39	CA 66B		3CC #29												
2CC #40	CA 66C		3CC #30												

Note:

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1 For the inter-band CA combinations, except B29 can't be PCC, all the listed bands above can be used as PCC or SCC.

2) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1 V14.3.0.

3) The reference test frequencies for CA refers to 3GPP TS 36.508 V14.2.0

4) Testing is not required in bands or modes not intended/allowed for US operation

5) Based on TCB workshop April 2018, only indicate "No" in CA combination table need power measurement

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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.
For WLAN, using chipset specific software to control the EUT, and makes it transmit in maximum power. The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.

EUT was tested as below based on KDB inquiry.

WWAN / WLAN

Tablet mode

Back/top/bottom/right/left sides_0mm with reduced power

Laptop mode

SAR measurement for Laptop SAR with full power is not required since the distance between antenna and user is > 20cm

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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 ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSDPA). The following 4 sub-tests were completed according to Release 5 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (1)(2)	CM (3) (dB)	MPR (3) (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 (4)	15/15 (4)	64	12/15 (4)	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

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{HS} = 30/15 * β_c.
Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{HS} = 30/15 * β_c, and Δ_{CQI} = 24/15 with β_{HS} = 24/15 * β_c.
Note 3: CM = 1 for β_c/β_d = 12/15, β_{HS}/β_c = 24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.
Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

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 ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA). The following 5 sub-tests were completed according to Release 6 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

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Sub-test	β_c	β_d	β_d (SF)	β_c / β_d	β_{HS} (1)	β_{ec}	β_{ed} (4)(5)	β_{ed} (SF)	β_{ed} (Codes)	CM (2) (dB)	MPR (2)(6) (dB)	AG (5) Index	E-TFCI
1	11/15 (3)	15/15 (3)	64	11/15 (3)	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_{ed}1: 47/15 β_{ed}2: 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	0	-	-	5/15	5/15	47/15	4	1	1.0	0.0	12	67

Note 1: For sub-test 1 to 4, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{HS} = 30/15 * β_c. For sub-test 5, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 5/15 with β_{HS} = 5/15 * β_c.
Note 2: CM = 1 for β_c/β_d = 12/15, β_{HS}/β_c = 24/15. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.
Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 10/15 and β_d = 15/15.
Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.
Note 5: β_{ed} can not be set directly; it is set by Absolute Grant Value.
Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

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 ≤ ¼ 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 *(Note3)*	β_d	β_{HS} *(Note1)*	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_{ed}1: 30/15 β_{ed}2: 30/15	β_{ed}3: 24/15 β_{ed}4: 24/15	3.5	2.5	14	105	105

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c.
Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).
Note 3: DPDCH is not configured, therefore the β_c is set to 1 and β_d = 0 by default.
Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.
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.

5. The 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable. Since the maximum output power in a secondary mode (DC-HSDPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (DC-HSDPA). The following tests were completed according

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to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. A summary of these setting are illustrated below:

The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121, annex C for FDD and 3GPP TS 34.122

Table C.8.1.12: Fixed Reference Channel H-Set 12

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Processes	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK
Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table. Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.		

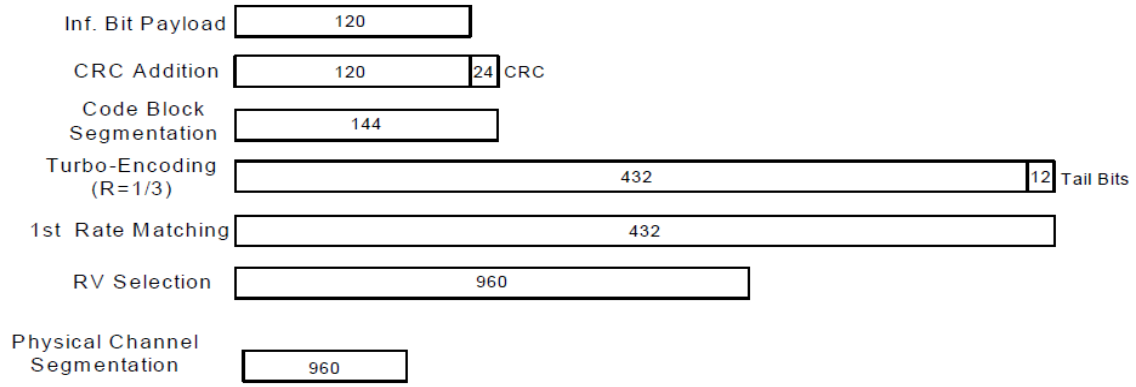

Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 sub-tests for HSDPA were completed according to Release 8 procedures in section 5.2 of 3GPP TS34.121. A summary of subtest settings are illustrated below:

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Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (1)(2)	CM (3) (dB)	MPR (3) (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 (4)	15/15 (4)	64	12/15 (4)	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

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{HS} = 30/15 * β_c.
Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{HS} = 30/15 * β_c, and Δ_{CQI} = 24/15 with β_{HS} = 24/15 * β_c.
Note 3: CM = 1 for β_c/β_d = 12/15, β_{HS}/β_c = 24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.
Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

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

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

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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 > ½ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

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 > ½ 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.

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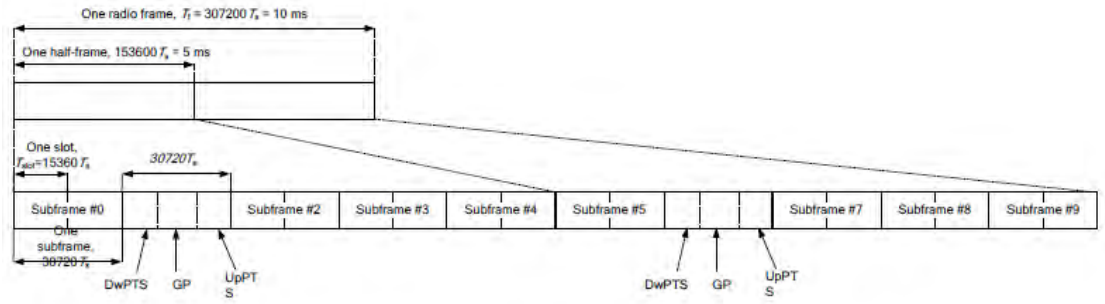

3GPP TS 36.211 Figure 4.2-1: Frame Structure Type 2

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	4384 · Ts	5120 · Ts
5	6592 · Ts	4384 · Ts	5120 · Ts	20480 · 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%.

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LTE downlink CA (KDB942225 D05A)

7. The device supports a maximum of 5 carriers in the downlink. All uplink communications are identical to the Release 8 specifications. Uplink maximum output power is measured with downlink carrier aggregation active, only for the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.

8. The downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements. The nominal channel spacing is determined by [BW1 + BW2 – 0.1*|BW1 – BW2|]/2 MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration.

9. The downlink PCC channel should be paired with the uplink channel according to normal configurations, as if there is no carrier aggregation. The downlink SCC should be adjacent to the PCC and remain within the downlink transmission band for contiguous intra-band CA. For non-contiguous intra-band CA, the SCC should be selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band. For inter-band CA, the SCC should be near the middle of its transmission band.

10. When downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

11. According to KDB447498D01v06, SAR test exclusion evaluation for

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surfaces/edges of tablet mode is not required since SAR measurements for all the applicable surfaces/edges were performed.

12. 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.

13. 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 (~ 10% from the 1-g SAR limit)

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1.6 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= σ ($|Ei|^2$)/ ρ 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 intissue 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.

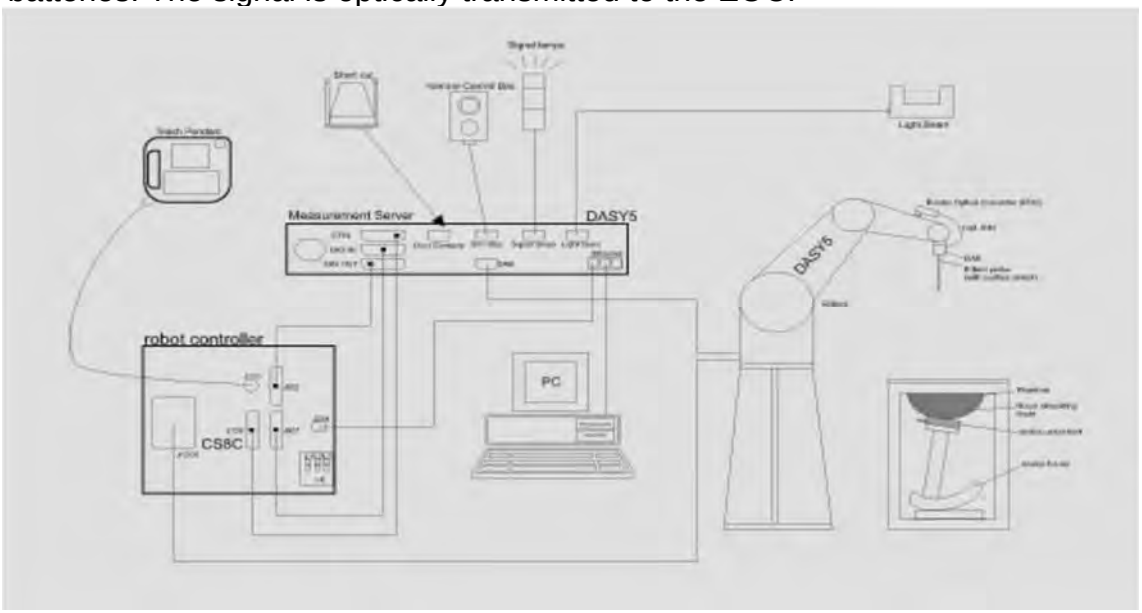

Fig. a The block diagram of SAR system

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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. Tissue simulating liquid mixed according to the given recipes.
11. Validation dipole kits allowing to validate the proper functioning of the system.

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1.7 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 750/835/1750/1900/2300/2450/2600/ 5200/5300/5600/5800MHz 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.	 Device Holder

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1.8 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 +/- 10% from the target SAR values. These tests were done at 750/835/1750/1900/2300/ 2450/2600/5200/5300/5600/5800MHz. 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 ≥ 15 cm ± 5 mm (frequency ≤ 3 GHz) or ≥ 10 cm ± 5 mm (frequency > 3 G Hz) 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.

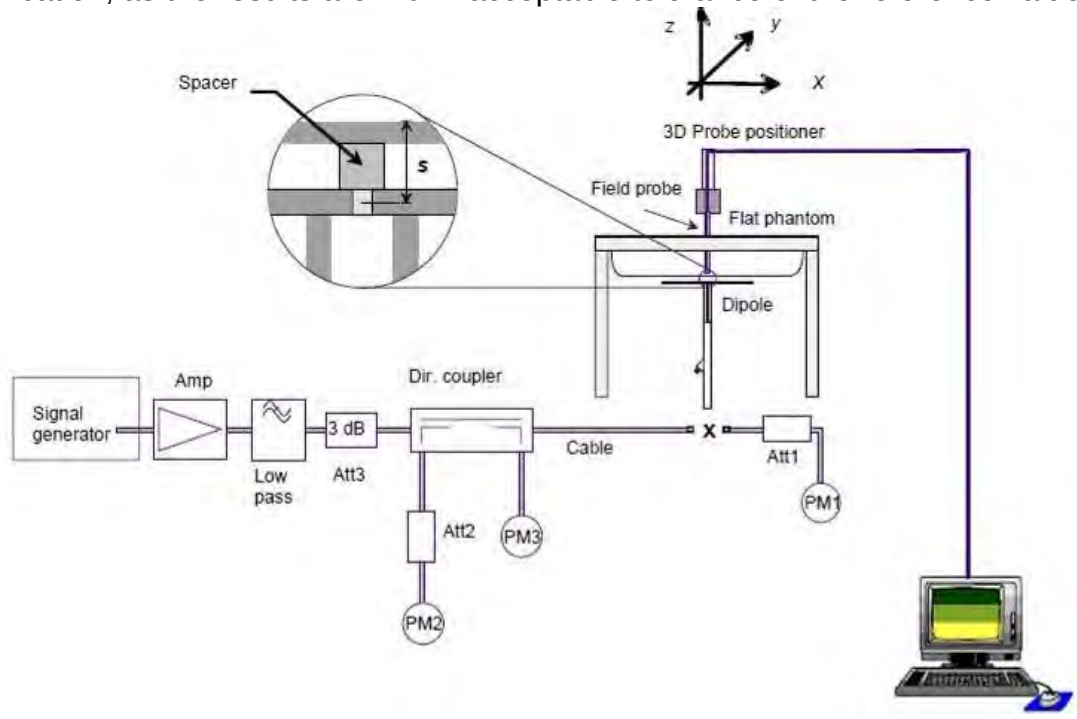

Fig. b The block diagram of system verification

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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	1078	750	Body	8.25	1.99	7.96	-3.52%	Nov. 27, 2018
D835V2	4d120	835	Body	9.68	2.49	9.96	2.89%	Nov. 28, 2018
D1750V2	1023	1750	Body	36.8	9.14	36.56	-0.65%	Nov. 29, 2018
D1900V2	5d173	1900	Body	40.9	10.00	40.00	-2.20%	Nov. 30, 2018
D2300V2	1023	2300	Body	47.7	12.3	49.20	3.14%	Dec. 01, 2018
D2600V2	1005	2600	Body	54.4	14.0	56.00	2.94%	Dec. 03, 2018
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
D2450V2	727	2450	Body	50.8	12.6	50.4	-0.79%	Dec. 02, 2018
Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	Pin=100mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D5GHzV2	1023	5200	Body	70.9	6.94	69.4	-2.12%	Dec. 04, 2018
		5300	Body	72.9	7.57	75.7	3.84%	Dec. 05, 2018
		5600	Body	77.6	7.51	75.1	-3.22%	Dec. 06, 2018
		5800	Body	74.1	7.59	75.9	2.43%	Dec. 07, 2018

Table 1. Results of system verification

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1.9 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 ± 5% of the target values.

The depth of the tissue simulant in the flat section of the phantom was ≥ 15 cm ± 5 mm (Frequency ≤3G) or ≥ 10 cm ± 5 mm (Frequency >3G) during all tests. (Fig. 2)

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Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
BODY	Nov, 27. 2018	704	55.710	0.960	56.240	0.932	-0.95%	2.90%
		707.5	55.697	0.960	56.202	0.934	-0.91%	2.71%
		709	55.691	0.960	56.201	0.936	-0.92%	2.52%
		710	55.687	0.960	56.184	0.937	-0.89%	2.42%
		711	55.683	0.960	56.174	0.938	-0.88%	2.33%
		750	55.531	0.963	55.835	0.961	-0.55%	0.25%
		782	55.406	0.966	55.530	0.976	-0.22%	-1.05%
		793	55.359	0.967	55.491	0.983	-0.24%	-1.65%
	Nov, 28. 2018	822.5	55.249	0.969	55.156	0.988	0.17%	-1.96%
		826.4	55.234	0.969	55.114	0.991	0.22%	-2.24%
		829	55.223	0.970	55.058	0.993	0.30%	-2.42%
		831.5	55.214	0.970	55.053	0.995	0.29%	-2.61%
		835	55.200	0.970	55.054	1.013	0.26%	-4.43%
		836.5	55.195	0.972	55.081	1.012	0.21%	-4.13%
		841.5	55.180	0.978	54.985	1.017	0.35%	-3.99%
		844.0	55.172	0.981	54.977	1.018	0.35%	-3.76%
		847	55.164	0.984	54.969	1.021	0.35%	-3.73%
	Nov, 29. 2018	1712.4	53.531	1.465	53.742	1.443	-0.40%	1.48%
		1720.0	53.511	1.469	53.752	1.446	-0.45%	1.60%
		1732	53.478	1.477	53.743	1.449	-0.50%	1.92%
		1732.5	53.478	1.477	53.739	1.461	-0.49%	1.11%
		1745.0	53.445	1.485	53.721	1.466	-0.52%	1.30%
		1750	53.432	1.488	53.556	1.477	-0.23%	0.77%
		1753	53.425	1.490	53.549	1.475	-0.23%	1.01%
		1770.0	53.415	1.492	53.528	1.493	-0.21%	-0.07%
	Nov, 30. 2018	1852	53.300	1.520	53.279	1.533	0.04%	-0.86%
		1860.0	53.300	1.520	53.268	1.540	0.06%	-1.32%
		1880	53.300	1.520	53.251	1.542	0.09%	-1.45%
		1883	53.300	1.520	53.204	1.549	0.18%	-1.91%
		1900	53.300	1.520	53.176	1.555	0.23%	-2.30%
		1905	53.300	1.520	53.165	1.551	0.25%	-2.04%
		1907.6	53.300	1.520	53.147	1.552	0.29%	-2.11%
	Dec, 01. 2018	2300.0	52.900	1.807	53.166	1.820	-0.50%	-0.74%
		2310	52.887	1.816	53.100	1.829	-0.40%	-0.70%
	Dec, 03. 2018	2506	52.629	2.029	52.363	2.089	0.50%	-2.94%
		2510	52.624	2.035	52.351	2.093	0.52%	-2.85%
		2535	52.592	2.071	52.341	2.094	0.48%	-1.13%
		2550	52.573	2.091	52.339	2.105	0.45%	-0.66%
		2560.0	52.560	2.106	52.328	2.154	0.44%	-2.28%
		2580	52.535	2.134	52.311	2.168	0.43%	-1.58%
		2593	52.518	2.153	52.198	2.181	0.61%	-1.31%
		2595	52.515	2.156	52.041	2.193	0.90%	-1.73%
		2600	52.509	2.163	51.968	2.206	1.03%	-2.00%
		2610	52.496	2.177	51.913	2.226	1.11%	-2.26%
		2637	52.463	2.214	51.673	2.254	1.51%	-1.78%
		2687.5	52.407	2.276	51.573	2.331	1.59%	-2.41%

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Body	Dec, 02. 2018	2402	52.764	1.904	52.694	1.961	0.13%	-2.99%
		2412	52.751	1.914	52.714	1.963	0.07%	-2.58%
		2437	52.717	1.938	52.067	1.993	1.23%	-2.86%
		2441	52.712	1.941	52.601	2.001	0.21%	-3.07%
		2450.0	52.700	1.950	52.578	2.011	0.23%	-3.13%
		2462	52.685	1.967	52.463	2.023	0.42%	-2.85%
		2480	52.662	1.993	52.457	2.055	0.39%	-3.13%

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
Body	Dec, 04. 2018	5190	49.028	5.288	46.906	5.206	4.33%	1.54%
		5200	49.014	5.299	47.079	5.266	3.95%	0.63%
		5210	49.001	5.311	46.920	5.109	4.25%	3.80%
		5230	48.974	5.334	46.901	5.203	4.23%	2.46%
	Dec, 05. 2018	5260	48.933	5.369	46.855	5.334	4.25%	0.66%
		5270	48.919	5.381	46.805	5.503	4.32%	-2.27%
		5280.0	48.906	5.393	47.093	5.456	3.71%	-1.17%
		5300.0	48.879	5.416	47.072	5.451	3.70%	-0.64%
		5310	48.865	5.428	46.865	5.516	4.09%	-1.63%
		5320.0	48.851	5.439	46.501	5.661	4.81%	-4.07%
	Dec, 06. 2018	5530	48.566	5.685	46.498	5.735	4.26%	-0.89%
		5600.0	48.471	5.766	46.161	5.764	4.77%	0.04%
		5690.0	48.349	5.872	46.199	5.808	4.45%	1.08%
	Dec, 07. 2018	5755.0	48.309	5.922	46.185	5.881	4.40%	0.69%
		5775.0	48.234	5.971	46.085	5.878	4.46%	1.55%
		5795	48.207	5.994	46.079	5.914	4.41%	1.34%
		5800.0	48.200	6.000	45.894	6.108	4.78%	-1.80%

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	Body	–	631.68 g	11.72 g	1.2 g	–	600 g	1.0L(Kg)
835	Body	–	631.68 g	11.72 g	1.2 g	–	600 g	1.0L(Kg)
1750	Body	300.67 g	716.56 g	4.0 g	–	–	–	1.0L(Kg)
1900	Body	300.67 g	716.56 g	4.0 g	–	–	–	1.0L(Kg)
2300	Body	301.7ml	698.3ml	–	–	–	–	1.0L(Kg)
2450	Body	301.7ml	698.3ml	–	–	–	–	1.0L(Kg)
2600	Body	301.7ml	698.3ml	–	–	–	–	1.0L(Kg)

Body Simulating Liquids for 5 GHz, Manufactured by SPEAG:

Ingredients	Water	Esters, Emulsifiers, Inhibitors	Sodium and Salt
(% by weight)	60-80	20-40	0-1.5

Table 3. Recipes for Tissue Simulating Liquid

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1.10 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 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

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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 the 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.

1.11 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:

1.11.1 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 (~ 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 ±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 ±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 ±5% (RSS) when the same liquid is used for the calibration and for actual measurements and ±7-9% (RSS) when not, which is in good agreement with the estimates given in [2].

1.11.2 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.
2. The accuracy of the calculated field strength will depend on the

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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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1.12 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 of a cube). Exceptions are the hands, wrists, feet and ankles where the

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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

WCDMA Band II

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	Back side	0	9538	1907.6	17.00	16.96	0.93%	0.071	0.072	-
	Top side	0	9538	1907.6	17.00	16.96	0.93%	0.548	0.553	-
	Bottom side	0	9538	1907.6	17.00	16.96	0.93%	0.011	0.011	-
	Right side	0	9262	1852.4	17.00	16.91	2.09%	0.711	0.726	-
	Right side	0	9400	1880	17.00	16.84	3.75%	0.702	0.728	-
	Right side	0	9538	1907.6	17.00	16.96	0.93%	0.731	0.738	376
	Left side	0	9538	1907.6	17.00	16.96	0.93%	0.002	0.002	-

WCDMA Band IV

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	Back side	0	1513	1752.6	20	19.91	2.09%	0.073	0.075	-
	Top side	0	1513	1752.6	20	19.91	2.09%	0.551	0.563	-
	Bottom side	0	1513	1752.6	20	19.91	2.09%	0.012	0.012	-
	Right side	0	1312	1712.4	20	19.78	5.20%	0.735	0.773	-
	Right side	0	1412	1732.4	20	19.9	2.33%	0.752	0.770	-
	Right side	0	1513	1752.6	20	19.91	2.09%	0.763	0.779	377
	Left side	0	1513	1752.6	20	19.91	2.09%	0.002	0.002	-

WCDMA Band V

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	Back side	0	4233	846.6	19	18.99	0.23%	0.111	0.111	-
	Top side	0	4132	826.4	19	18.81	4.47%	0.433	0.452	-
	Top side	0	4183	836.6	19	18.85	3.51%	0.438	0.453	-
	Top side	0	4233	846.6	19	18.99	0.23%	0.461	0.462	378
	Bottom side	0	4233	846.6	19	18.99	0.23%	0.016	0.016	-
	Right side	0	4233	846.6	19	18.99	0.23%	0.449	0.450	-
	Left side	0	4233	846.6	19	18.99	0.23%	0.011	0.011	-

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LTE FDD Band 2

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	Back side	0	18700	1860	17	16.96	0.93%	0.095	0.095	-
					Top side	0	18700	1860	17	16.96	0.93%	0.535	0.540	-
					Bottom side	0	18700	1860	17	16.96	0.93%	0.005	0.005	-
					Right side	0	18700	1860	17	16.96	0.93%	0.715	0.722	-
					Left side	0	18700	1860	17	16.96	0.93%	0.001	0.001	-
			50 RB	0	Back side	0	18700	1860	17	16.70	7.15%	0.101	0.108	-
					Top side	0	18700	1860	17	16.70	7.15%	0.597	0.640	-
					Bottom side	0	18700	1860	17	16.70	7.15%	0.005	0.006	-
					Right side	0	18700	1860	17	16.70	7.15%	0.733	0.785	-
					Left side	0	18700	1860	17	16.70	7.15%	0.001	0.002	-
			100 RB		Back side	0	18700	1860	17	16.70	7.15%	0.103	0.110	-
					Top side	0	18700	1860	17	16.70	7.15%	0.601	0.644	-
					Bottom side	0	18700	1860	17	16.70	7.15%	0.006	0.007	-
					Right side	0	18700	1860	17	16.70	7.15%	0.735	0.788	379
					Right side	0	18900	1880	17	16.49	12.46%	0.695	0.782	-
					Right side	0	19100	1900	17	16.37	15.61%	0.681	0.787	-
					Left side	0	18700	1860	17	16.70	7.15%	0.002	0.003	-

LTE FDD Band 4

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	Back side	0	20175	1732.5	20	19.91	2.09%	0.103	0.105	-
					Top side	0	20175	1732.5	20	19.91	2.09%	0.668	0.682	-
					Bottom side	0	20175	1732.5	20	19.91	2.09%	0.005	0.006	-
					Right side	0	20175	1732.5	20	19.91	2.09%	0.761	0.777	-
					Left side	0	20175	1732.5	20	19.91	2.09%	0.001	0.001	-
			50 RB	0	Back side	0	20175	1732.5	20	19.71	6.91%	0.108	0.115	-
					Top side	0	20175	1732.5	20	19.71	6.91%	0.639	0.683	-
					Bottom side	0	20175	1732.5	20	19.71	6.91%	0.005	0.006	-
					Right side	0	20175	1732.5	20	19.71	6.91%	0.743	0.794	-
					Left side	0	20175	1732.5	20	19.71	6.91%	0.001	0.002	-
			100 RB		Back side	0	20050	1720	20	19.70	7.15%	0.112	0.120	-
					Top side	0	20050	1720	20	19.70	7.15%	0.660	0.707	-
					Bottom side	0	20050	1720	20	19.70	7.15%	0.006	0.007	-
					Right side	0	20050	1720	20	19.70	7.15%	0.766	0.821	380
					Right side	0	20175	1732.5	20	19.59	9.90%	0.743	0.817	-
					Right side	0	20300	1745	20	19.66	8.14%	0.722	0.781	-
					Left side	0	20050	1720	20	19.70	7.15%	0.002	0.002	-

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LTE FDD Band 5

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	0	Top side	0	20600	844	19	18.96	0.93%	0.482	0.486	-
				49	Back side	0	20525	836.5	19	18.99	0.23%	0.138	0.138	-
					Top side	0	20450	829	19	18.83	3.99%	0.491	0.511	-
					Top side	0	20525	836.5	19	18.99	0.23%	0.518	0.519	381
					Bottom side	0	20525	836.5	19	18.99	0.23%	0.014	0.014	-
					Right side	0	20525	836.5	19	18.99	0.23%	0.502	0.503	-
					Left side	0	20525	836.5	19	18.99	0.23%	0.016	0.016	-
			25 RB	25	Back side	0	20525	836.5	19	18.94	1.39%	0.122	0.124	-
					Top side	0	20525	836.5	19	18.94	1.39%	0.474	0.481	-
					Bottom side	0	20525	836.5	19	18.94	1.39%	0.012	0.012	-
					Right side	0	20525	836.5	19	18.94	1.39%	0.374	0.379	-
					Left side	0	20525	836.5	19	18.94	1.39%	0.015	0.015	-
			50 RB		Back side	0	20600	844	19	18.86	3.28%	0.113	0.117	-
					Top side	0	20600	844	19	18.86	3.28%	0.470	0.485	-
					Bottom side	0	20600	844	19	18.86	3.28%	0.011	0.011	-
					Right side	0	20600	844	19	18.86	3.28%	0.367	0.379	-
					Left side	0	20600	844	19	18.86	3.28%	0.013	0.013	-

LTE FDD Band 7

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	Back side	0	20850	2510	16	15.99	0.23%	0.199	0.199	-
					Top side	0	20850	2510	16	15.99	0.23%	0.657	0.659	-
					Bottom side	0	20850	2510	16	15.99	0.23%	0.005	0.005	-
					Right side	0	20850	2510	16	15.99	0.23%	0.566	0.567	-
					Left side	0	20850	2510	16	15.99	0.23%	0.069	0.069	-
			50 RB	0	Back side	0	20850	2510	16	15.84	3.75%	0.211	0.219	-
					Top side	0	20850	2510	16	15.84	3.75%	0.691	0.717	382
					Top side	0	21350	2560	16	15.22	19.67%	0.584	0.699	-
					Bottom side	0	20850	2510	16	15.84	3.75%	0.006	0.006	-
					Right side	0	20850	2510	16	15.84	3.75%	0.569	0.590	-
					Left side	0	20850	2510	16	15.84	3.75%	0.073	0.076	-
				25	Top side	0	21100	2535	16	15.41	14.55%	0.593	0.679	-
			100 RB		Back side	0	20850	2510	16	15.90	2.33%	0.202	0.207	-
					Top side	0	20850	2510	16	15.90	2.33%	0.681	0.697	-
					Bottom side	0	20850	2510	16	15.90	2.33%	0.005	0.005	-
					Right side	0	20850	2510	16	15.90	2.33%	0.558	0.571	-
					Left side	0	20850	2510	16	15.90	2.33%	0.066	0.068	-

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LTE FDD Band 12

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	25	Top side	0	23130	711	18	17.91	2.09%	0.429	0.438	-
				49	Back side	0	23060	704	18	17.98	0.46%	0.108	0.108	-
					Top side	0	23060	704	18	17.98	0.46%	0.445	0.447	383
					Top side	0	23095	707.5	18	17.74	6.17%	0.418	0.444	-
					Bottom side	0	23060	704	18	17.98	0.46%	0.011	0.011	-
					Right side	0	23060	704	18	17.98	0.46%	0.237	0.238	-
					Left side	0	23060	704	18	17.98	0.46%	0.013	0.013	-
			25 RB	25	Back side	0	23095	707.5	18	17.94	1.39%	0.105	0.106	-
					Top side	0	23095	707.5	18	17.94	1.39%	0.440	0.446	-
					Bottom side	0	23095	707.5	18	17.94	1.39%	0.010	0.010	-
					Right side	0	23095	707.5	18	17.94	1.39%	0.234	0.237	-
					Left side	0	23095	707.5	18	17.94	1.39%	0.011	0.011	-
			50 RB		Back side	0	23060	704	18	17.84	3.75%	0.101	0.105	-
					Top side	0	23060	704	18	17.84	3.75%	0.426	0.442	-
					Bottom side	0	23060	704	18	17.84	3.75%	0.009	0.010	-
					Right side	0	23060	704	18	17.84	3.75%	0.225	0.233	
					Left side	0	23060	704	18	17.84	3.75%	0.010	0.010	-

LTE FDD Band 13

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	25	Back side	0	23230	782	19	18.93	1.62%	0.101	0.103	-
					Top side	0	23230	782	19	18.93	1.62%	0.415	0.422	-
					Bottom side	0	23230	782	19	18.93	1.62%	0.009	0.009	-
					Right side	0	23230	782	19	18.93	1.62%	0.276	0.280	-
					Left side	0	23230	782	19	18.93	1.62%	0.010	0.010	-
			25 RB	0	Top side	0	23230	782	19	18.95	1.16%	0.402	0.407	-
				12	Top side	0	23230	782	19	18.93	1.62%	0.399	0.405	-
				25	Back side	0	23230	782	19	19.00	0.00%	0.103	0.103	-
					Top side	0	23230	782	19	19.00	0.00%	0.424	0.424	384
					Bottom side	0	23230	782	19	19.00	0.00%	0.011	0.011	-
					Right side	0	23230	782	19	19.00	0.00%	0.277	0.277	-
					Left side	0	23230	782	19	19.00	0.00%	0.012	0.012	-
			50 RB		Back side	0	23230	782	19	18.96	0.93%	0.098	0.099	-
					Top side	0	23230	782	19	18.96	0.93%	0.412	0.416	-
					Bottom side	0	23230	782	19	18.96	0.93%	0.009	0.010	-
					Right side	0	23230	782	19	18.96	0.93%	0.302	0.305	
					Left side	0	23230	782	19	18.96	0.93%	0.011	0.011	-

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LTE FDD Band 14

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	Back side	0	23330	793	19	18.89	2.57%	0.081	0.083	-
					Top side	0	23330	793	19	18.89	2.57%	0.414	0.425	-
					Bottom side	0	23330	793	19	18.89	2.57%	0.007	0.008	-
					Right side	0	23330	793	19	18.89	2.57%	0.292	0.299	-
					Left side	0	23330	793	19	18.89	2.57%	0.009	0.009	-
			25 RB	0	Top side	0	23330	793	19	18.63	8.89%	0.398	0.433	-
				12	Back side	0	23330	793	19	18.68	7.65%	0.101	0.109	-
					Top side	0	23330	793	19	18.68	7.65%	0.417	0.449	385
					Bottom side	0	23330	793	19	18.68	7.65%	0.010	0.010	-
					Right side	0	23330	793	19	18.68	7.65%	0.302	0.325	-
					Left side	0	23330	793	19	18.68	7.65%	0.011	0.012	-
				25	Top side	0	23330	793	19	18.46	13.24%	0.387	0.438	-
			50 RB		Back side	0	23330	793	19	18.58	10.15%	0.089	0.098	-
					Top side	0	23330	793	19	18.58	10.15%	0.406	0.447	-
					Bottom side	0	23330	793	19	18.58	10.15%	0.008	0.009	-
					Right side	0	23330	793	19	18.58	10.15%	0.299	0.329	
					Left side	0	23330	793	19	18.58	10.15%	0.012	0.013	-

LTE FDD Band 17

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 17	10MHz	QPSK	1 RB	25	Back side	0	23790	710	18	17.94	1.39%	0.107	0.108	-
					Top side	0	23790	710	18	17.94	1.39%	0.448	0.454	-
					Bottom side	0	23790	710	18	17.94	1.39%	0.010	0.010	-
					Right side	0	23790	710	18	17.94	1.39%	0.254	0.258	-
					Left side	0	23790	710	18	17.94	1.39%	0.011	0.011	-
			25 RB	12	Back side	0	23800	711	18	17.92	1.86%	0.109	0.111	-
					Top side	0	23800	711	18	17.92	1.86%	0.448	0.456	-
					Bottom side	0	23800	711	18	17.92	1.86%	0.010	0.010	-
					Right side	0	23800	711	18	17.92	1.86%	0.255	0.260	-
					Left side	0	23800	711	18	17.92	1.86%	0.012	0.012	-
			50 RB		Back side	0	23800	711	18	17.96	0.93%	0.111	0.112	-
					Top side	0	23780	709	18	17.82	4.23%	0.439	0.458	-
					Top side	0	23790	710	18	17.92	1.86%	0.441	0.449	-
					Top side	0	23800	711	18	17.96	0.93%	0.455	0.459	386
					Bottom side	0	23800	711	18	17.96	0.93%	0.011	0.011	-
					Right side	0	23800	711	18	17.96	0.93%	0.260	0.262	-
					Left side	0	23800	711	18	17.96	0.93%	0.013	0.013	-

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LTE FDD Band 25

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	99	Back side	0	26140	1860	17	16.80	4.71%	0.091	0.095	-
					Top side	0	26140	1860	17	16.80	4.71%	0.622	0.651	-
					Bottom side	0	26140	1860	17	16.80	4.71%	0.004	0.005	-
					Right side	0	26140	1860	17	16.80	4.71%	0.706	0.739	-
					Left side	0	26140	1860	17	16.80	4.71%	0.001	0.001	-
			50 RB	0	Back side	0	26140	1860	17	16.96	0.93%	0.098	0.099	-
					Top side	0	26140	1860	17	16.96	0.93%	0.615	0.621	-
					Bottom side	0	26140	1860	17	16.96	0.93%	0.005	0.005	-
					Right side	0	26140	1860	17	16.96	0.93%	0.740	0.747	387
					Right side	0	26365	1882.5	17	16.89	2.57%	0.722	0.741	-
					Right side	0	26590	1905	17	16.85	3.51%	0.718	0.743	-
					Left side	0	26140	1860	17	16.96	0.93%	0.001	0.001	-
			100 RB		Back side	0	26140	1860	17	16.78	5.20%	0.095	0.100	-
					Top side	0	26140	1860	17	16.78	5.20%	0.612	0.644	-
					Bottom side	0	26140	1860	17	16.78	5.20%	0.004	0.005	-
					Right side	0	26140	1860	17	16.78	5.20%	0.705	0.742	-
					Left side	0	26140	1860	17	16.78	5.20%	0.001	0.001	-

LTE FDD Band 26

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	36	Back side	0	26965	841.5	19	18.98	0.46%	0.125	0.126	-
					Top side	0	26965	841.5	19	18.98	0.46%	0.515	0.517	-
					Bottom side	0	26965	841.5	19	18.98	0.46%	0.011	0.011	-
					Right side	0	26965	841.5	19	18.98	0.46%	0.433	0.435	-
					Left side	0	26965	841.5	19	18.98	0.46%	0.012	0.012	-
			36 RB	18	Back side	0	26965	841.5	19	18.97	0.69%	0.132	0.133	-
					Top side	0	26965	841.5	19	18.97	0.69%	0.519	0.523	388
					Bottom side	0	26965	841.5	19	18.97	0.69%	0.014	0.014	-
					Right side	0	26965	841.5	19	18.97	0.69%	0.442	0.445	-
					Left side	0	26965	841.5	19	18.97	0.69%	0.015	0.015	-
				37	Top side	0	26825	822.5	19	18.64	8.64%	0.475	0.516	-
					Top side	0	26865	831.5	19	18.70	7.15%	0.481	0.515	-
			75 RB		Back side	0	26965	841.5	19	18.92	1.86%	0.128	0.130	-
					Top side	0	26965	841.5	19	18.92	1.86%	0.505	0.514	-
					Bottom side	0	26965	841.5	19	18.92	1.86%	0.013	0.013	-
					Right side	0	26965	841.5	19	18.92	1.86%	0.443	0.451	-
					Left side	0	26965	841.5	19	18.92	1.86%	0.014	0.014	-

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LTE FDD Band 30

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 30	10MHz	QPSK	1 RB	25	Back side	0	27710	2310	16	15.96	0.93%	0.054	0.055	-
					Top side	0	27710	2310	16	15.96	0.93%	0.745	0.752	-
					Bottom side	0	27710	2310	16	15.96	0.93%	0.009	0.009	-
					Right side	0	27710	2310	16	15.96	0.93%	0.633	0.639	-
					Left side	0	27710	2310	16	15.96	0.93%	0.021	0.021	-
			25 RB	12	Back side	0	27710	2310	16	15.97	0.69%	0.053	0.053	-
					Top side	0	27710	2310	16	15.97	0.69%	0.736	0.741	-
					Bottom side	0	27710	2310	16	15.97	0.69%	0.009	0.009	-
					Right side	0	27710	2310	16	15.97	0.69%	0.629	0.633	-
					Left side	0	27710	2310	16	15.97	0.69%	0.019	0.019	-
			50 RB		Back side	0	27710	2310	16	15.90	2.33%	0.051	0.052	-
					Top side	0	27710	2310	16	15.90	2.33%	0.753	0.771	389
					Bottom side	0	27710	2310	16	15.90	2.33%	0.008	0.009	-
					Right side	0	27710	2310	16	15.90	2.33%	0.669	0.685	-
					Left side	0	27710	2310	16	15.90	2.33%	0.016	0.016	-

LTE TDD Band 38

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	99	Back side	0	38150	2610	19	18.68	7.65%	0.169	0.182	-
					Top side	0	38150	2610	19	18.68	7.65%	0.414	0.446	-
					Bottom side	0	38150	2610	19	18.68	7.65%	0.005	0.005	-
					Right side	0	37850	2580	19	18.29	17.76%	0.462	0.544	-
					Right side	0	38000	2595	19	18.54	11.17%	0.485	0.539	-
					Right side	0	38150	2610	19	18.68	7.65%	0.518	0.558	390
					Left side	0	38150	2610	19	18.68	7.65%	0.057	0.061	-
			50 RB	50	Back side	0	38150	2610	19	18.91	2.09%	0.158	0.161	-
					Top side	0	38150	2610	19	18.91	2.09%	0.402	0.410	-
					Bottom side	0	38150	2610	19	18.91	2.09%	0.005	0.005	-
					Right side	0	38150	2610	19	18.91	2.09%	0.451	0.460	-
					Left side	0	38150	2610	19	18.91	2.09%	0.055	0.056	-
			100 RB		Back side	0	38150	2610	19	18.65	8.39%	0.152	0.165	-
					Top side	0	38150	2610	19	18.65	8.39%	0.402	0.436	-
					Bottom side	0	38150	2610	19	18.65	8.39%	0.004	0.005	-
					Right side	0	38150	2610	19	18.65	8.39%	0.443	0.480	-
					Left side	0	38150	2610	19	18.65	8.39%	0.051	0.055	-

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LTE TDD Band 41

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	50	Back side	0	41490	2680	19	18.98	0.46%	0.116	0.117	-
					Top side	0	41490	2680	19	18.98	0.46%	0.381	0.383	-
					Bottom side	0	41490	2680	19	18.98	0.46%	0.003	0.003	-
					Right side	0	41490	2680	19	18.98	0.46%	0.355	0.357	-
					Left side	0	41490	2680	19	18.98	0.46%	0.039	0.040	-
			50 RB	0	Back side	0	41490	2680	19	18.95	1.16%	0.119	0.120	-
					Top side	0	39750	2506	19	18.75	5.93%	0.375	0.397	-
					Top side	0	40185	2549.5	19	18.27	18.30%	0.343	0.406	-
					Top side	0	41490	2680	19	18.95	1.16%	0.403	0.408	391
					Bottom side	0	41490	2680	19	18.95	1.16%	0.366	0.370	-
					Right side	0	41490	2680	19	18.95	1.16%	0.365	0.369	-
					Left side	0	41490	2680	19	18.95	1.16%	0.042	0.042	-
				50	Top side	0	40620	2593	19	18.29	17.76%	0.324	0.382	-
					Top side	0	41055	2636.5	19	18.82	4.23%	0.381	0.397	-
			100 RB		Back side	0	41490	2680	19	18.92	1.86%	0.117	0.119	-
					Top side	0	41490	2680	19	18.92	1.86%	0.396	0.403	-
					Bottom side	0	41490	2680	19	18.92	1.86%	0.334	0.340	-
					Right side	0	41490	2680	19	18.92	1.86%	0.353	0.360	-
					Left side	0	41490	2680	19	18.92	1.86%	0.039	0.040	-

LTE FDD Band 66

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	Back side	0	132072	1720	20	19.97	0.69%	0.101	0.102	-
					Top side	0	132072	1720	20	19.97	0.69%	0.662	0.667	-
					Bottom side	0	132072	1720	20	19.97	0.69%	0.005	0.005	-
					Right side	0	132072	1720	20	19.97	0.69%	0.762	0.767	-
					Left side	0	132072	1720	20	19.97	0.69%	0.001	0.001	-
			50 RB	0	Right side	0	132322	1745	20	19.64	8.64%	0.737	0.801	-
				25	Back side	0	132572	1770	20	19.72	6.66%	0.105	0.112	-
					Top side	0	132572	1770	20	19.72	6.66%	0.700	0.747	-
					Bottom side	0	132572	1770	20	19.72	6.66%	0.005	0.006	-
					Right side	0	132072	1720	20	19.64	8.64%	0.742	0.806	-
					Right side	0	132572	1770	20	19.72	6.66%	0.815	0.869	-
					Left side	0	132572	1770	20	19.72	6.66%	0.001	0.002	-
			100 RB		Back side	0	132572	1770	20	19.77	5.44%	0.111	0.117	-
					Top side	0	132572	1770	20	19.77	5.44%	0.717	0.756	-
					Bottom side	0	132572	1770	20	19.77	5.44%	0.005	0.006	-
					Right side	0	132072	1720	20	19.71	6.91%	0.751	0.803	-
					Right side	0	132322	1745	20	19.65	8.39%	0.753	0.816	-
					Right side	0	132572	1770	20	19.77	5.44%	0.833	0.878	392
					Right side*	0	132572	1770	20	19.77	5.44%	0.829	0.874	-
					Left side	0	132572	1770	20	19.77	5.44%	0.002	0.002	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

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WLAN Main Antenna

Antenna	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	
Main	WLAN 802.11b	Back side	0	6	2437	19.00	18.99	100.23%	0.252	0.253	-
		Top side	0	1	2412	19.00	18.93	101.62%	0.611	0.621	-
		Top side	0	6	2437	19.00	18.99	100.23%	0.631	0.632	393
		Top side	0	11	2462	19.00	18.94	101.39%	0.602	0.610	-
		Bottom side	0	6	2437	19.00	18.99	100.23%	0.006	0.006	-
		Right side	0	6	2437	19.00	18.99	100.23%	0.133	0.133	-
		Left side	0	6	2437	19.00	18.99	100.23%	0.063	0.064	-
	Bluetooth (GFSK)	Back side	0	78	2480	9.50	9.35	103.51%	0.006	0.006	-
		Top side	0	78	2480	9.50	9.35	103.51%	0.015	0.015	394
		Bottom side	0	78	2480	9.50	9.35	103.51%	0.000	0.000	-
		Right side	0	78	2480	9.50	9.35	103.51%	0.003	0.003	-
		Left side	0	78	2480	9.50	9.35	103.51%	0.001	0.001	-
	WLAN 802.11ac(80M) 5.2G	Back side	0	42	5210	15.50	15.46	100.93%	0.243	0.245	-
		Top side	0	42	5210	15.50	15.46	100.93%	0.716	0.723	395
		Bottom side	0	42	5210	15.50	15.46	100.93%	0.091	0.092	-
		Right side	0	42	5210	15.50	15.46	100.93%	0.080	0.081	-
		Left side	0	42	5210	15.50	15.46	100.93%	0.044	0.045	-
	WLAN 802.11n(40M) 5.3G	Back side	0	62	5310	15.50	15.49	100.23%	0.298	0.299	-
		Top side	0	54	5270	15.50	15.47	100.69%	0.863	0.869	-
		Top side	0	62	5310	15.50	15.49	100.23%	0.877	0.879	396
		Top side*	0	62	5310	15.50	15.49	100.23%	0.867	0.869	-
		Bottom side	0	62	5310	15.50	15.49	100.23%	0.111	0.111	-
		Right side	0	62	5310	15.50	15.49	100.23%	0.098	0.098	-
		Left side	0	62	5310	15.50	15.49	100.23%	0.054	0.054	-
	WLAN 802.11ac(80M) 5.6G	Back side	0	106	5530	15.50	15.48	100.46%	0.276	0.277	-
		Top side	0	106	5530	15.50	15.48	100.46%	0.814	0.818	397
		Top side*	0	106	5530	15.50	15.48	100.46%	0.781	0.785	-
		Top side	0	138	5690	15.50	15.44	101.39%	0.663	0.672	-
		Bottom side	0	106	5530	15.50	15.48	100.46%	0.103	0.103	-
		Right side	0	106	5530	15.50	15.48	100.46%	0.091	0.091	-
		Left side	0	106	5530	15.50	15.48	100.46%	0.051	0.051	-
	WLAN 802.11ac(80M) 5.8G	Back side	0	155	5775	15.50	15.49	100.23%	0.236	0.237	-
		Top side	0	155	5775	15.50	15.49	100.23%	0.699	0.701	398
		Bottom side	0	155	5775	15.50	15.49	100.23%	0.091	0.091	-
		Right side	0	155	5775	15.50	15.49	100.23%	0.075	0.075	-
		Left side	0	155	5775	15.50	15.49	100.23%	0.042	0.042	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

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WLAN Aux Antenna

Antenna	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	
Aux	WLAN 802.11b	Back side	0	1	2412	19.00	18.99	100.23%	0.232	0.233	-
		Top side	0	1	2412	19.00	18.99	100.23%	0.571	0.572	399
		Top side	0	6	2437	19.00	18.97	100.69%	0.554	0.558	-
		Top side	0	11	2462	19.00	18.95	101.16%	0.556	0.562	-
		Bottom side	0	1	2412	19.00	18.99	100.23%	0.033	0.033	-
		Right side	0	1	2412	19.00	18.99	100.23%	0.033	0.033	-
		Left side	0	1	2412	19.00	18.99	100.23%	0.007	0.007	-
	WLAN 802.11n(40M) 5.2G	Back side	0	38	5190	17.50	17.47	100.69%	0.399	0.402	-
		Top side	0	38	5190	17.50	17.47	100.69%	1.160	1.168	400
		Top side	0	46	5230	17.50	17.41	102.09%	1.140	1.164	-
		Top side*	0	46	5230	17.50	17.41	102.09%	1.080	1.103	-
		Bottom side	0	38	5190	17.50	17.47	100.69%	0.097	0.098	-
		Right side	0	38	5190	17.50	17.47	100.69%	0.087	0.088	-
		Left side	0	38	5190	17.50	17.47	100.69%	0.036	0.036	-
	WLAN 802.11a 5.3G	Back side	0	56	5280	17.50	17.47	100.69%	0.372	0.375	-
		Top side	0	56	5280	17.50	17.47	100.69%	1.110	1.118	-
		Top side	0	60	5300	17.50	17.45	101.16%	1.170	1.184	401
		Top side*	0	60	5300	17.50	17.45	101.16%	1.070	1.082	-
		Bottom side	0	56	5280	17.50	17.47	100.69%	0.083	0.084	-
		Right side	0	56	5280	17.50	17.47	100.69%	0.073	0.074	-
		Left side	0	56	5280	17.50	17.47	100.69%	0.024	0.024	-
	WLAN 802.11n(40M) 5.3G	Back side	0	54	5270	17.50	17.49	100.23%	0.401	0.402	-
		Top side	0	54	5270	17.50	17.49	100.23%	1.170	1.173	402
		Top side*	0	54	5270	17.50	17.49	100.23%	1.120	1.123	-
		Bottom side	0	54	5270	17.50	17.49	100.23%	0.097	0.097	-
		Right side	0	54	5270	17.50	17.49	100.23%	0.085	0.085	-
		Left side	0	54	5270	17.50	17.49	100.23%	0.033	0.033	-
	WLAN 802.11ac(80M) 5.6G	Back side	0	106	5530	16.00	15.99	100.23%	0.303	0.304	-
		Top side	0	106	5530	16.00	15.99	100.23%	0.884	0.886	403
		Top side*	0	106	5530	16.00	15.99	100.23%	0.872	0.874	-
		Top side	0	138	5690	16.00	15.96	100.93%	0.703	0.710	-
		Bottom side	0	106	5530	16.00	15.99	100.23%	0.075	0.075	-
		Right side	0	106	5530	16.00	15.99	100.23%	0.067	0.067	-
		Left side	0	106	5530	16.00	15.99	100.23%	0.028	0.028	-
	WLAN 802.11n(40M) 5.8G	Back side	0	151	5755	17.50	17.48	100.46%	0.341	0.343	-
		Top side	0	151	5755	17.50	17.48	100.46%	1.020	1.025	404
		Top side*	0	151	5755	17.50	17.48	100.46%	0.998	1.003	-
		Top side	0	159	5795	17.50	17.43	101.62%	0.966	0.982	-
		Bottom side	0	151	5755	17.50	17.48	100.46%	0.086	0.086	-
		Right side	0	151	5755	17.50	17.48	100.46%	0.078	0.078	-
		Left side	0	151	5755	17.50	17.48	100.46%	0.033	0.033	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

Note:

Scaling = $\frac{\text{reported SAR}}{\text{measured SAR}} = \frac{P2(mW)}{P1(mW)} = 10^{\left(\frac{P2-P1}{10}\right)(dBm)}$

Reported SAR = measured SAR * (scaling)

Where P2 is maximum specified power, P1 is measured conducted power

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3. Simultaneous Transmission Analysis

Simultaneous Transmission Scenarios:

NO.	Simultaneous Transmit Configurations	Body
1	UMTS + 2.4GHz WLAN Main / 2.4GHz WLAN Aux / 2.4GHz MIMO	YES
2	UMTS + 5GHz WLAN Main / 5GHz WLAN Aux / 5GHz MIMO	YES
3	UMTS + BT	YES
4	UMTS + 2.4/5GHz WLAN Aux + BT	YES
5	LTE + 2.4GHz WLAN Main / 2.4GHz WLAN Aux / 2.4GHz MIMO	YES
6	LTE + 5GHz WLAN Main / 5GHz WLAN Aux / 5GHz MIMO	YES
7	LTE + BT	YES
8	LTE + 2.4/5GHz WLAN Aux + BT	YES

Note :
1) WWAN and WLAN may transmit simultaneously.
2) Bluetooth and WLAN Main share the same antenna path.
3) Bluetooth can transmit with WLAN Aux simultaneously.

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3.1 Estimated SAR calculation

According to KDB447498 D01v06 – When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

$$\text{Estimated SAR} = \frac{\text{Max. tune up power (mW)}}{\text{Min. test separation distance(mm)}} \times \frac{\sqrt{\text{f(GHz)}}}{7.5}$$

If the minimum test separation distance is < 5mm, a distance of 5mm is used for estimated SAR calculation. When the test separation distance is >50mm, the 0.4W/kg is used for SAR-1g.

3.2 SPLSR evaluation and analysis

Per KDB447498D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR sum to peak location separation ratio(SPLSR).

The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion.

The ratio is determined by **(SAR1 + SAR2)^1.5/Ri**, rounded to two decimal digits, and must be **≤ 0.04** for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

SAR1 and SAR2 are the highest reported or estimated SAR for each antenna in the pair, and Ri is the separation distance between the peak SAR locations for the antenna pair in mm.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna.

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Back side WWAN + 2.4G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
1	Back side	WCDMA Band Ⅱ	0	0.072	0.253	0.233	0.558	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.075	0.253	0.233	0.561	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.111	0.253	0.233	0.597	ΣSAR<1.6, Not required
		LTE Band 2	0	0.110	0.253	0.233	0.596	ΣSAR<1.6, Not required
		LTE Band 4	0	0.120	0.253	0.233	0.606	ΣSAR<1.6, Not required
		LTE Band 5	0	0.138	0.253	0.233	0.624	ΣSAR<1.6, Not required
		LTE Band 7	0	0.219	0.253	0.233	0.705	ΣSAR<1.6, Not required
		LTE Band 12	0	0.108	0.253	0.233	0.594	ΣSAR<1.6, Not required
		LTE Band 13	0	0.103	0.253	0.233	0.589	ΣSAR<1.6, Not required
		LTE Band 14	0	0.109	0.253	0.233	0.595	ΣSAR<1.6, Not required
		LTE Band 17	0	0.112	0.253	0.233	0.598	ΣSAR<1.6, Not required
		LTE Band 25	0	0.100	0.253	0.233	0.586	ΣSAR<1.6, Not required
		LTE Band 26	0	0.133	0.253	0.233	0.619	ΣSAR<1.6, Not required
		LTE Band 30	0	0.055	0.253	0.233	0.541	ΣSAR<1.6, Not required
		LTE Band 38	0	0.182	0.253	0.233	0.668	ΣSAR<1.6, Not required
		LTE Band 41	0	0.120	0.253	0.233	0.606	ΣSAR<1.6, Not required
		LTE Band 66	0	0.117	0.253	0.233	0.603	ΣSAR<1.6, Not required

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Back side WWAN + 5G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
2	Back side	WCDMA Band Ⅱ	0	0.072	0.299	0.402	0.773	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.075	0.299	0.402	0.776	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.111	0.299	0.402	0.812	ΣSAR<1.6, Not required
		LTE Band 2	0	0.110	0.299	0.402	0.811	ΣSAR<1.6, Not required
		LTE Band 4	0	0.120	0.299	0.402	0.821	ΣSAR<1.6, Not required
		LTE Band 5	0	0.138	0.299	0.402	0.839	ΣSAR<1.6, Not required
		LTE Band 7	0	0.219	0.299	0.402	0.920	ΣSAR<1.6, Not required
		LTE Band 12	0	0.108	0.299	0.402	0.809	ΣSAR<1.6, Not required
		LTE Band 13	0	0.103	0.299	0.402	0.804	ΣSAR<1.6, Not required
		LTE Band 14	0	0.109	0.299	0.402	0.810	ΣSAR<1.6, Not required
		LTE Band 17	0	0.112	0.299	0.402	0.813	ΣSAR<1.6, Not required
		LTE Band 25	0	0.100	0.299	0.402	0.801	ΣSAR<1.6, Not required
		LTE Band 26	0	0.133	0.299	0.402	0.834	ΣSAR<1.6, Not required
		LTE Band 30	0	0.055	0.299	0.402	0.756	ΣSAR<1.6, Not required
		LTE Band 38	0	0.182	0.299	0.402	0.883	ΣSAR<1.6, Not required
		LTE Band 41	0	0.120	0.299	0.402	0.821	ΣSAR<1.6, Not required
		LTE Band 66	0	0.117	0.299	0.402	0.818	ΣSAR<1.6, Not required

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Back side WWAN + 2.4G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
3	Back side	WCDMA Band Ⅱ	0	0.072	0.233	0.006	0.311	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.075	0.233	0.006	0.314	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.111	0.233	0.006	0.350	ΣSAR<1.6, Not required
		LTE Band 2	0	0.110	0.233	0.006	0.349	ΣSAR<1.6, Not required
		LTE Band 4	0	0.120	0.233	0.006	0.359	ΣSAR<1.6, Not required
		LTE Band 5	0	0.138	0.233	0.006	0.377	ΣSAR<1.6, Not required
		LTE Band 7	0	0.219	0.233	0.006	0.458	ΣSAR<1.6, Not required
		LTE Band 12	0	0.108	0.233	0.006	0.347	ΣSAR<1.6, Not required
		LTE Band 13	0	0.103	0.233	0.006	0.342	ΣSAR<1.6, Not required
		LTE Band 14	0	0.109	0.233	0.006	0.348	ΣSAR<1.6, Not required
		LTE Band 17	0	0.112	0.233	0.006	0.351	ΣSAR<1.6, Not required
		LTE Band 25	0	0.100	0.233	0.006	0.339	ΣSAR<1.6, Not required
		LTE Band 26	0	0.133	0.233	0.006	0.372	ΣSAR<1.6, Not required
		LTE Band 30	0	0.055	0.233	0.006	0.294	ΣSAR<1.6, Not required
		LTE Band 38	0	0.182	0.233	0.006	0.421	ΣSAR<1.6, Not required
		LTE Band 41	0	0.120	0.233	0.006	0.359	ΣSAR<1.6, Not required
		LTE Band 66	0	0.117	0.233	0.006	0.356	ΣSAR<1.6, Not required

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Back side WWAN + 5G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
4	Back side	WCDMA Band II	0	0.072	0.402	0.006	0.480	ΣSAR<1.6, Not required
		WCDMA Band IV	0	0.075	0.402	0.006	0.483	ΣSAR<1.6, Not required
		WCDMA Band V	0	0.111	0.402	0.006	0.519	ΣSAR<1.6, Not required
		LTE Band 2	0	0.110	0.402	0.006	0.518	ΣSAR<1.6, Not required
		LTE Band 4	0	0.120	0.402	0.006	0.528	ΣSAR<1.6, Not required
		LTE Band 5	0	0.138	0.402	0.006	0.546	ΣSAR<1.6, Not required
		LTE Band 7	0	0.219	0.402	0.006	0.627	ΣSAR<1.6, Not required
		LTE Band 12	0	0.108	0.402	0.006	0.516	ΣSAR<1.6, Not required
		LTE Band 13	0	0.103	0.402	0.006	0.511	ΣSAR<1.6, Not required
		LTE Band 14	0	0.109	0.402	0.006	0.517	ΣSAR<1.6, Not required
		LTE Band 17	0	0.112	0.402	0.006	0.520	ΣSAR<1.6, Not required
		LTE Band 25	0	0.100	0.402	0.006	0.508	ΣSAR<1.6, Not required
		LTE Band 26	0	0.133	0.402	0.006	0.541	ΣSAR<1.6, Not required
		LTE Band 30	0	0.055	0.402	0.006	0.463	ΣSAR<1.6, Not required
		LTE Band 38	0	0.182	0.402	0.006	0.590	ΣSAR<1.6, Not required
		LTE Band 41	0	0.120	0.402	0.006	0.528	ΣSAR<1.6, Not required
		LTE Band 66	0	0.117	0.402	0.006	0.525	ΣSAR<1.6, Not required

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Top side WWAN + 2.4G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
5	Top side	WCDMA Band Ⅱ	0	0.553	0.632	0.572	**1.757**	Analyzed as below
		WCDMA Band Ⅳ	0	0.563	0.632	0.572	**1.767**	Analyzed as below
		WCDMA Band Ⅴ	0	0.462	0.632	0.572	**1.666**	Analyzed as below
		LTE Band 2	0	0.644	0.632	0.572	**1.848**	Analyzed as below
		LTE Band 4	0	0.707	0.632	0.572	**1.911**	Analyzed as below
		LTE Band 5	0	0.519	0.632	0.572	**1.723**	Analyzed as below
		LTE Band 7	0	0.717	0.632	0.572	**1.921**	Analyzed as below
		LTE Band 12	0	0.447	0.632	0.572	**1.651**	Analyzed as below
		LTE Band 13	0	0.424	0.632	0.572	**1.628**	Analyzed as below
		LTE Band 14	0	0.449	0.632	0.572	**1.653**	Analyzed as below
		LTE Band 17	0	0.459	0.632	0.572	**1.663**	Analyzed as below
		LTE Band 25	0	0.651	0.632	0.572	**1.855**	Analyzed as below
		LTE Band 26	0	0.523	0.632	0.572	**1.727**	Analyzed as below
		LTE Band 30	0	0.771	0.632	0.572	**1.975**	Analyzed as below
		LTE Band 38	0	0.446	0.632	0.572	**1.650**	Analyzed as below
		LTE Band 41	0	0.408	0.632	0.572	**1.612**	Analyzed as below
		LTE Band 66	0	0.756	0.632	0.572	**1.960**	Analyzed as below

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Top side WWAN + 5G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
6	Top side	WCDMA Band II	0	0.553	0.879	1.184	**2.616**	Analyzed as below
		WCDMA Band IV	0	0.563	0.879	1.184	**2.626**	Analyzed as below
		WCDMA Band V	0	0.462	0.879	1.184	**2.525**	Analyzed as below
		LTE Band 2	0	0.644	0.879	1.184	**2.707**	Analyzed as below
		LTE Band 4	0	0.707	0.879	1.184	**2.770**	Analyzed as below
		LTE Band 5	0	0.519	0.879	1.184	**2.582**	Analyzed as below
		LTE Band 7	0	0.717	0.879	1.184	**2.780**	Analyzed as below
		LTE Band 12	0	0.447	0.879	1.184	**2.510**	Analyzed as below
		LTE Band 13	0	0.424	0.879	1.184	**2.487**	Analyzed as below
		LTE Band 14	0	0.449	0.879	1.184	**2.512**	Analyzed as below
		LTE Band 17	0	0.459	0.879	1.184	**2.522**	Analyzed as below
		LTE Band 25	0	0.651	0.879	1.184	**2.714**	Analyzed as below
		LTE Band 26	0	0.523	0.879	1.184	**2.586**	Analyzed as below
		LTE Band 30	0	0.771	0.879	1.184	**2.834**	Analyzed as below
		LTE Band 38	0	0.446	0.879	1.184	**2.509**	Analyzed as below
		LTE Band 41	0	0.408	0.879	1.184	**2.471**	Analyzed as below
		LTE Band 66	0	0.756	0.879	1.184	**2.819**	Analyzed as below

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Top side WWAN + 2.4G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
7	Top side	WCDMA Band Ⅱ	0	0.553	0.572	0.015	1.140	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.563	0.572	0.015	1.150	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.462	0.572	0.015	1.049	ΣSAR<1.6, Not required
		LTE Band 2	0	0.644	0.572	0.015	1.231	ΣSAR<1.6, Not required
		LTE Band 4	0	0.707	0.572	0.015	1.294	ΣSAR<1.6, Not required
		LTE Band 5	0	0.519	0.572	0.015	1.106	ΣSAR<1.6, Not required
		LTE Band 7	0	0.717	0.572	0.015	1.304	ΣSAR<1.6, Not required
		LTE Band 12	0	0.447	0.572	0.015	1.034	ΣSAR<1.6, Not required
		LTE Band 13	0	0.424	0.572	0.015	1.011	ΣSAR<1.6, Not required
		LTE Band 14	0	0.449	0.572	0.015	1.036	ΣSAR<1.6, Not required
		LTE Band 17	0	0.459	0.572	0.015	1.046	ΣSAR<1.6, Not required
		LTE Band 25	0	0.651	0.572	0.015	1.238	ΣSAR<1.6, Not required
		LTE Band 26	0	0.523	0.572	0.015	1.110	ΣSAR<1.6, Not required
		LTE Band 30	0	0.771	0.572	0.015	1.358	ΣSAR<1.6, Not required
		LTE Band 38	0	0.446	0.572	0.015	1.033	ΣSAR<1.6, Not required
		LTE Band 41	0	0.408	0.572	0.015	0.995	ΣSAR<1.6, Not required
		LTE Band 66	0	0.756	0.572	0.015	1.343	ΣSAR<1.6, Not required

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Top side WWAN + 5G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
8	Top side	WCDMA Band Ⅱ	0	0.553	1.184	0.015	**1.752**	Analyzed as below
		WCDMA Band Ⅳ	0	0.563	1.184	0.015	**1.762**	Analyzed as below
		WCDMA Band Ⅴ	0	0.462	1.184	0.015	**1.661**	Analyzed as below
		LTE Band 2	0	0.644	1.184	0.015	**1.843**	Analyzed as below
		LTE Band 4	0	0.707	1.184	0.015	**1.906**	Analyzed as below
		LTE Band 5	0	0.519	1.184	0.015	**1.718**	Analyzed as below
		LTE Band 7	0	0.717	1.184	0.015	**1.916**	Analyzed as below
		LTE Band 12	0	0.447	1.184	0.015	**1.646**	Analyzed as below
		LTE Band 13	0	0.424	1.184	0.015	**1.623**	Analyzed as below
		LTE Band 14	0	0.449	1.184	0.015	**1.648**	Analyzed as below
		LTE Band 17	0	0.459	1.184	0.015	**1.658**	Analyzed as below
		LTE Band 25	0	0.651	1.184	0.015	**1.850**	Analyzed as below
		LTE Band 26	0	0.523	1.184	0.015	**1.722**	Analyzed as below
		LTE Band 30	0	0.771	1.184	0.015	**1.970**	Analyzed as below
		LTE Band 38	0	0.446	1.184	0.015	**1.645**	Analyzed as below
		LTE Band 41	0	0.408	1.184	0.015	**1.607**	Analyzed as below
		LTE Band 66	0	0.756	1.184	0.015	**1.955**	Analyzed as below

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Top side WWAN + 2.4G WLAN MIMO

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Main	0.632	-0.32	5.42	-0.37	-	-	-	-
	WLAN Aux	0.572	-0.20	-5.80	-0.44	1.204	112.21	0.012	SPLSR ≤ 0.04, Not required
	WCDMA Band II	0.553	-0.30	13.15	-0.35	1.185	77.30	0.017	SPLSR ≤ 0.04, Not required
	WCDMA Band IV	0.563	-0.30	13.79	-0.34	1.195	83.70	0.016	SPLSR ≤ 0.04, Not required
	WCDMA Band V	0.462	-0.31	11.85	-0.45	1.094	64.30	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 2	0.644	-0.30	13.15	-0.35	1.276	77.30	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 4	0.707	-0.30	13.15	-0.35	1.339	77.30	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 5	0.519	-0.15	11.85	-0.46	1.151	64.33	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 7	0.717	-0.26	13.34	-0.37	1.349	79.20	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 12	0.447	-0.31	11.85	-0.47	1.079	64.31	0.017	SPLSR ≤ 0.04, Not required
	LTE Band 13	0.424	-0.31	12.00	-0.47	1.056	65.81	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 14	0.449	-0.31	12.00	-0.47	1.081	65.81	0.017	SPLSR ≤ 0.04, Not required
	LTE Band 17	0.459	-0.31	11.85	-0.47	1.091	64.31	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 25	0.651	-0.30	13.15	-0.35	1.283	77.30	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 26	0.523	-0.30	12.00	-0.47	1.155	65.81	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 30	0.771	-0.22	13.38	-0.36	1.403	79.61	0.021	SPLSR ≤ 0.04, Not required
	LTE Band 38	0.446	-0.22	12.94	-0.37	1.078	75.21	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 41	0.408	0.46	12.74	-0.37	1.040	73.61	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 66	0.756	-0.30	13.15	-0.35	1.388	77.30	0.021	SPLSR ≤ 0.04, Not required

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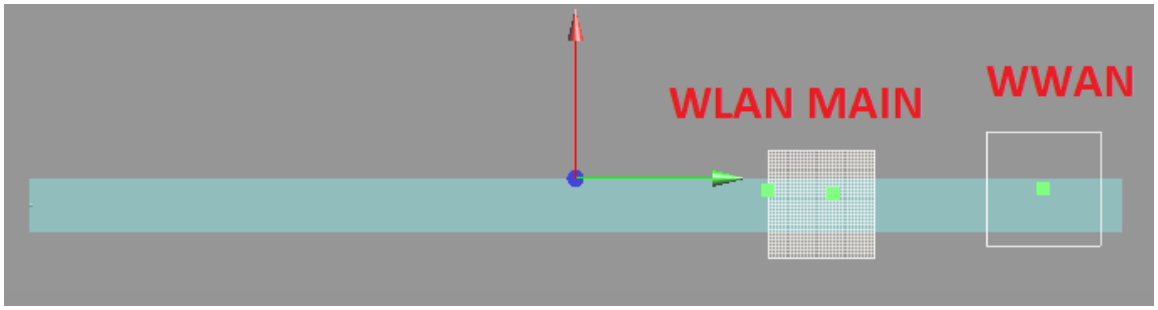
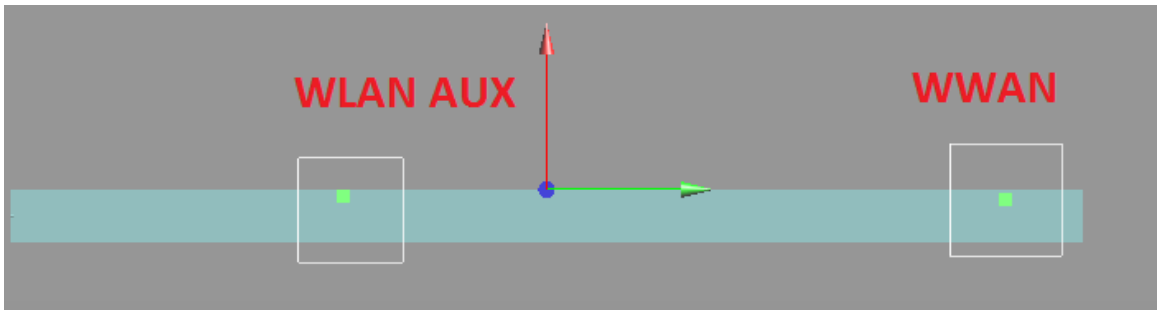
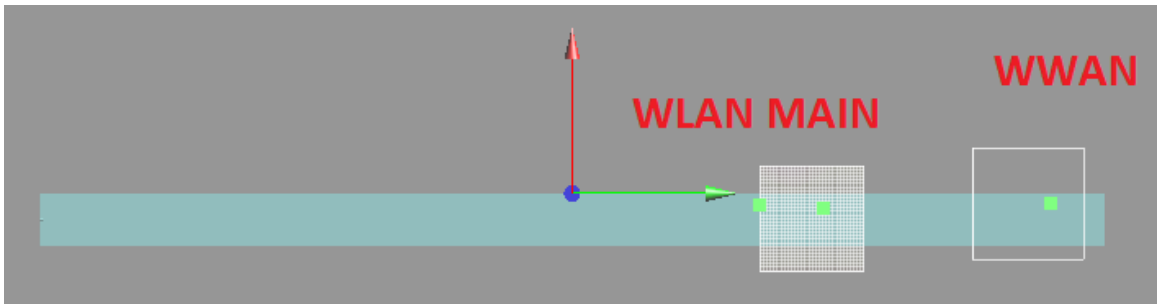
WCDMA Band II to WLAN Main



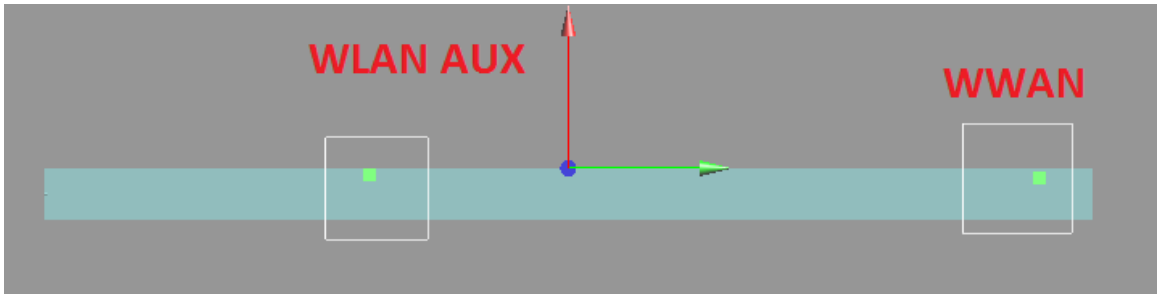
WCDMA Band II to WLAN Aux



WCDMA Band IV to WLAN Main



WCDMA Band IV to WLAN Aux



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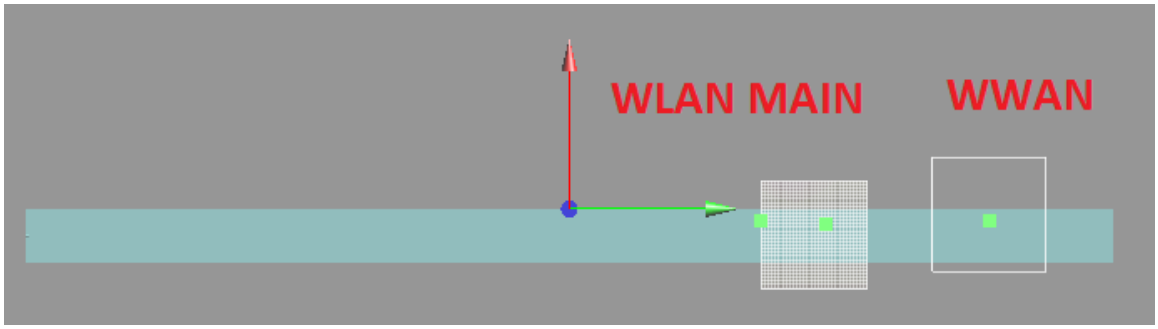
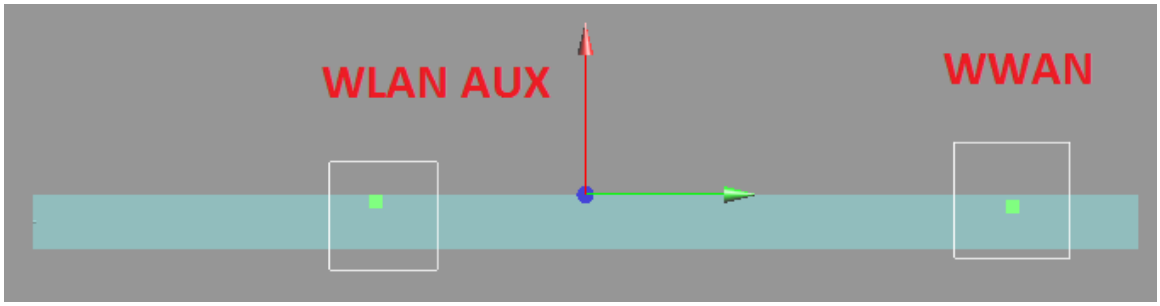
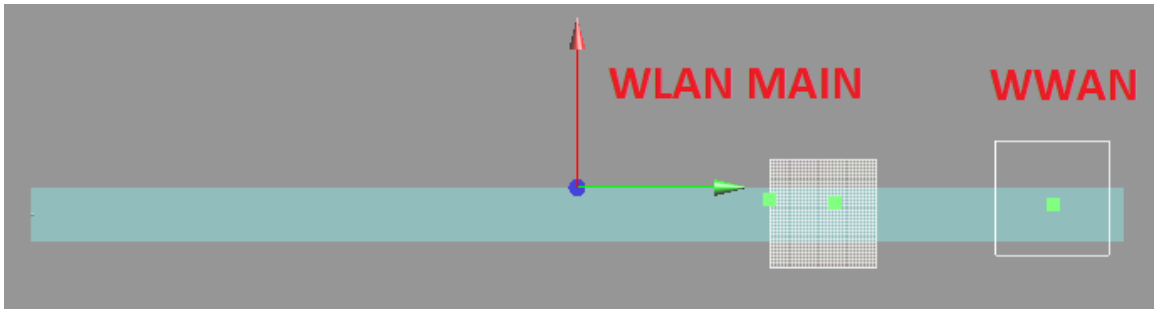
WCDMA Band V to WLAN Main



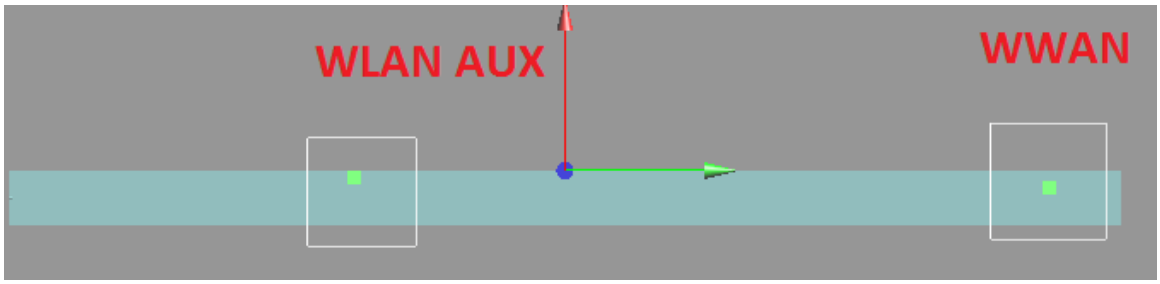
WCDMA Band V to WLAN Aux



LTE Band 2 to WLAN Main



LTE Band 2 to WLAN Aux



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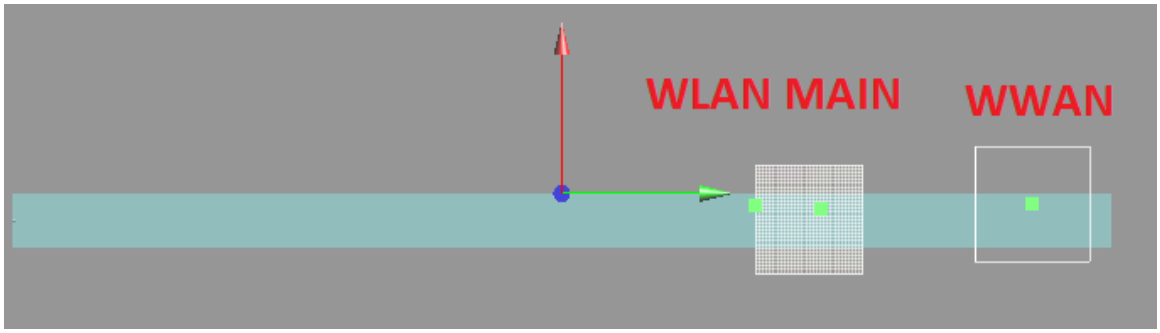
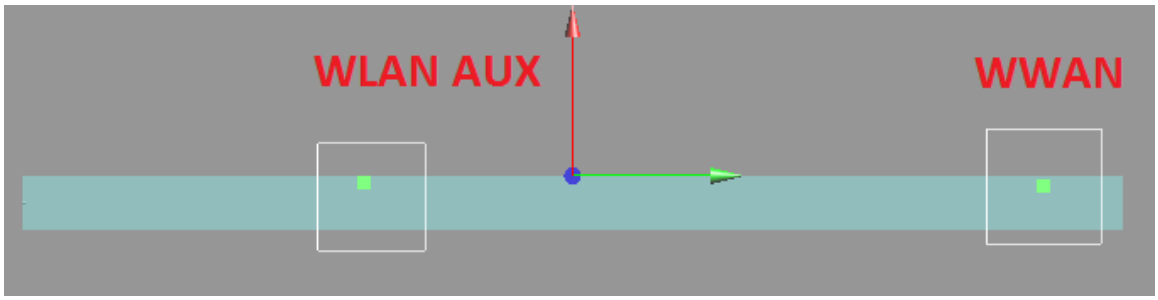
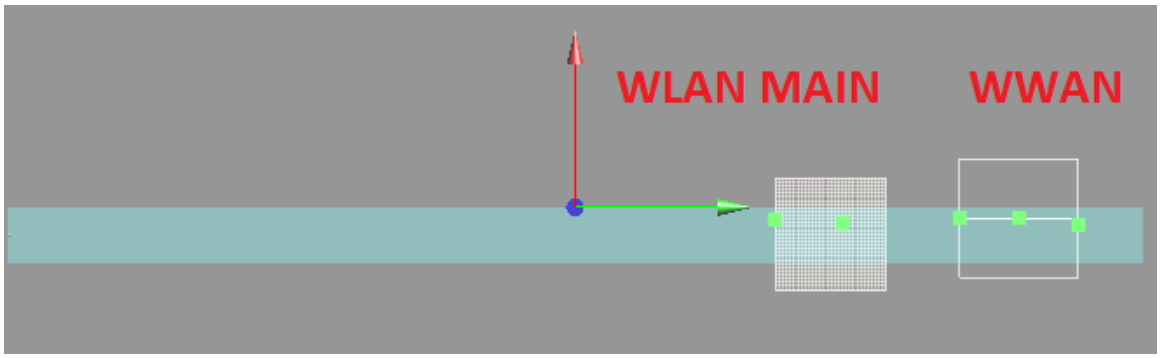
LTE Band 4 to WLAN Main



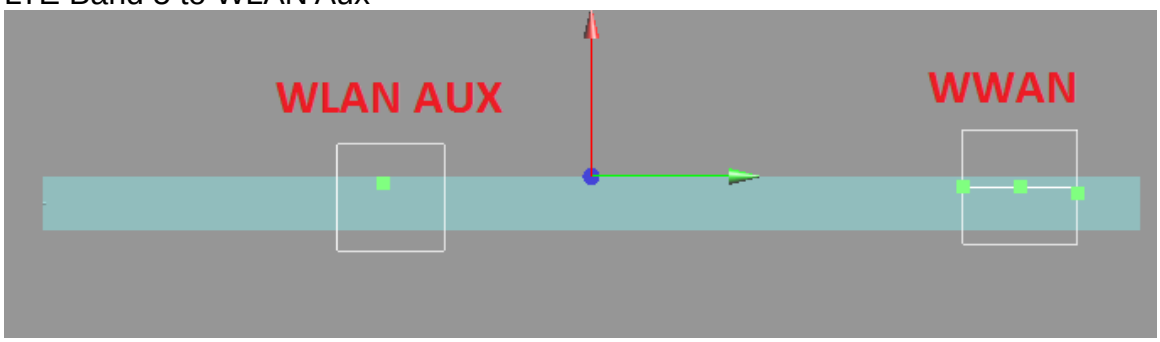
LTE Band 4 to WLAN Aux



LTE Band 5 to WLAN Main



LTE Band 5 to WLAN Aux



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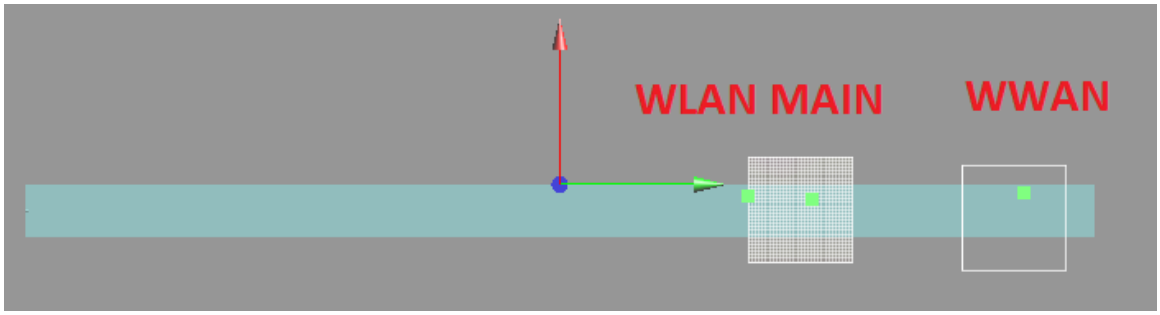
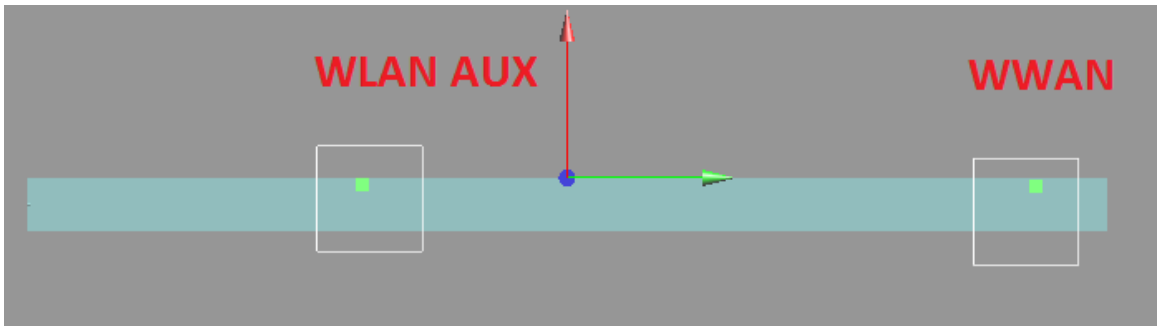
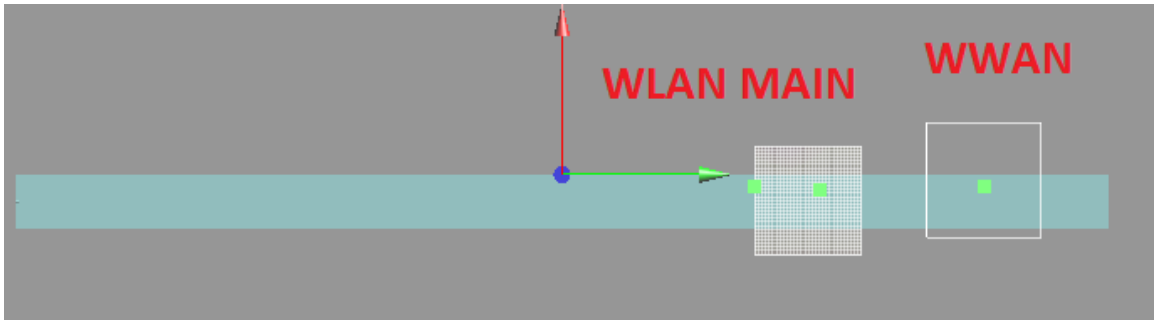
LTE Band 7 to WLAN Main



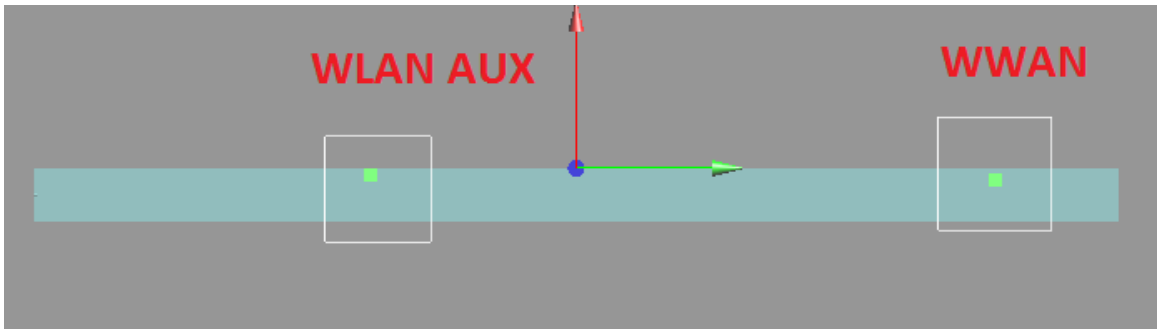
LTE Band 7 to WLAN Aux



LTE Band 12 to WLAN Main



LTE Band 12 to WLAN Aux



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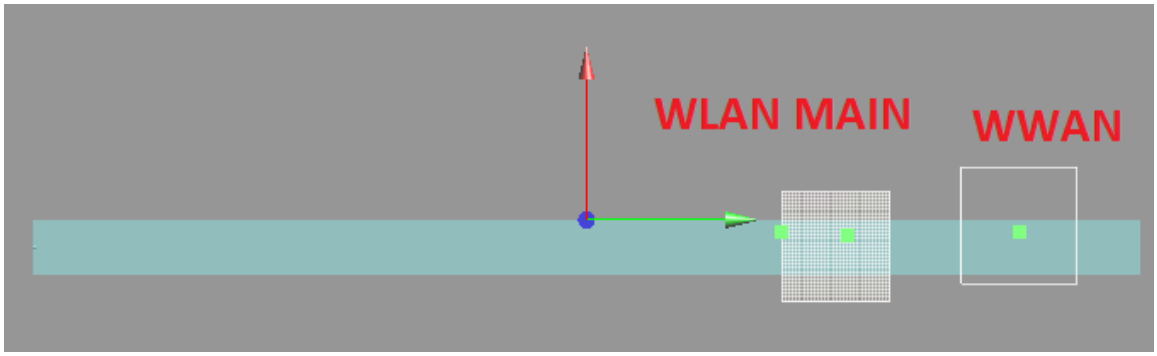
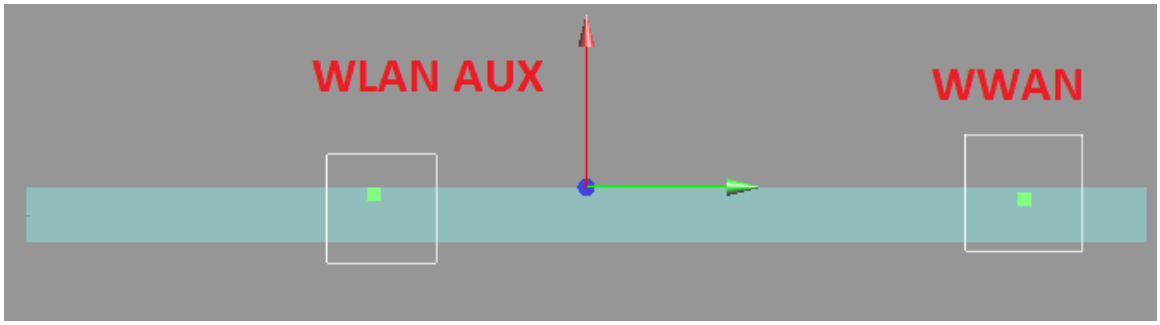
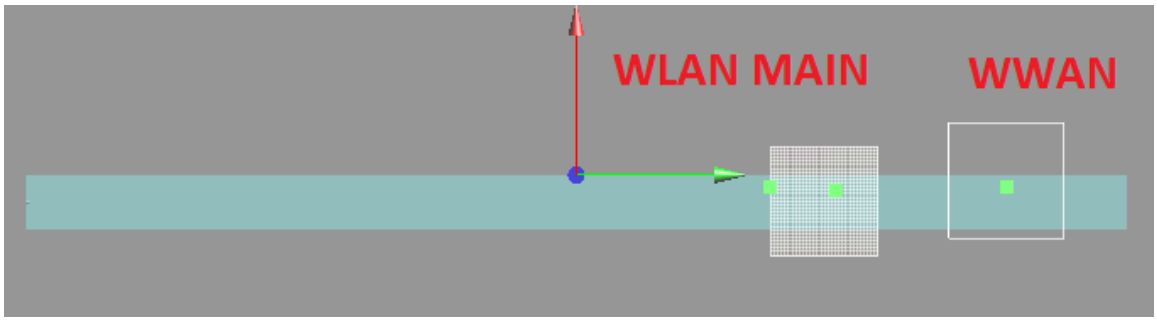
LTE Band 13 to WLAN Main



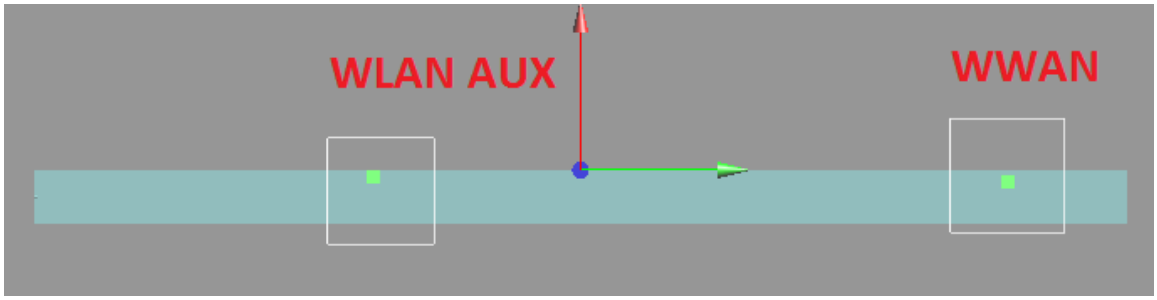
LTE Band 13 to WLAN Aux



LTE Band 14 to WLAN Main



LTE Band 14 to WLAN Aux



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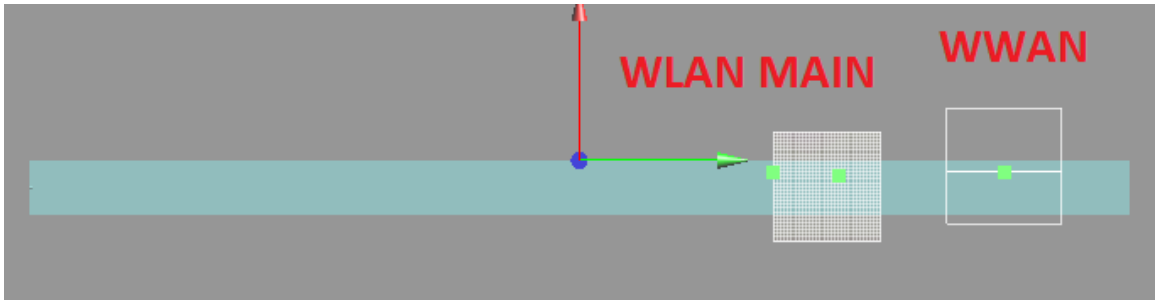
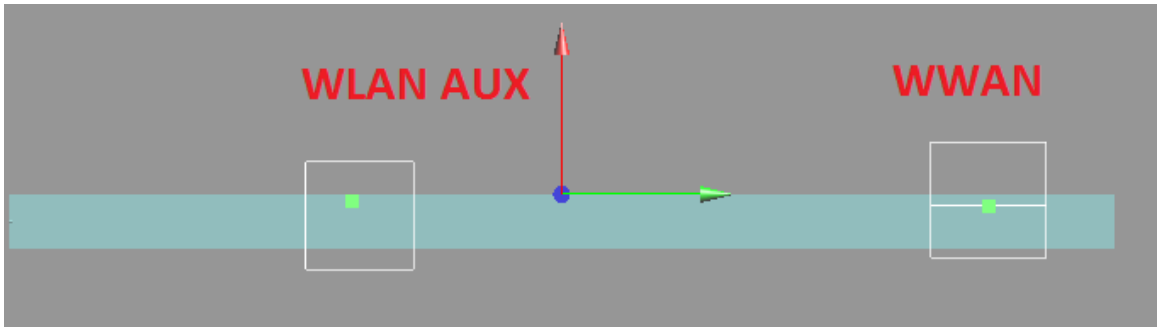
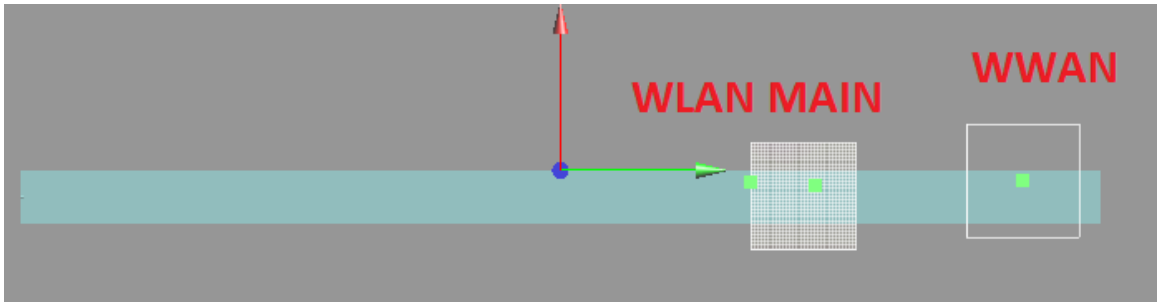
LTE Band 17 to WLAN Main



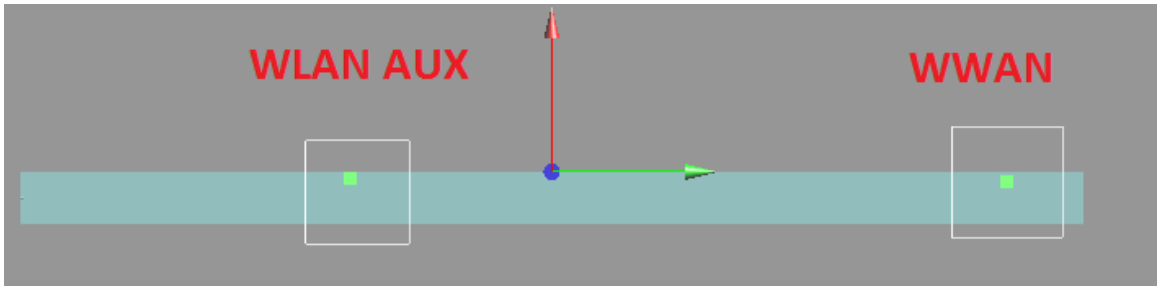
LTE Band 17 to WLAN Aux



LTE Band 25 to WLAN Main



LTE Band 25 to WLAN Aux



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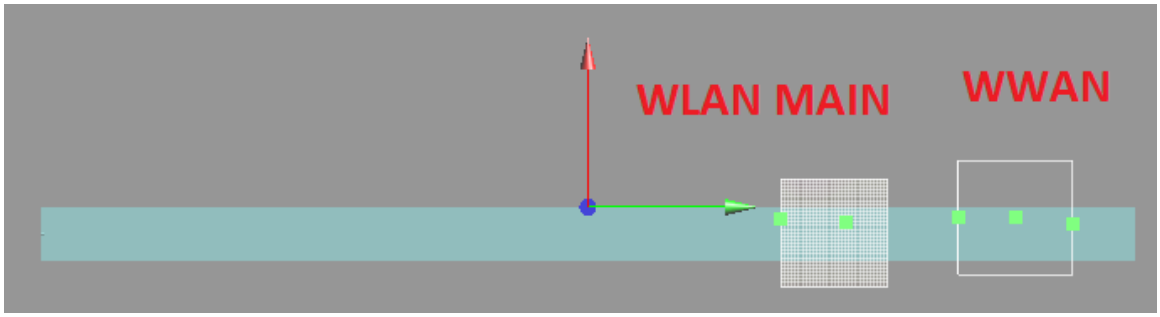
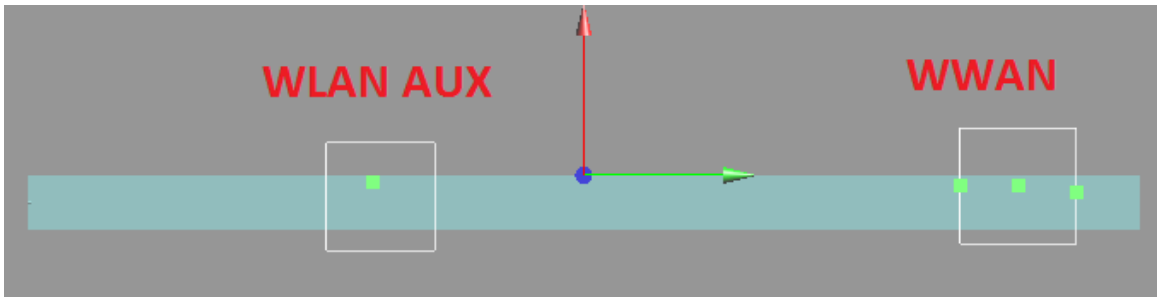
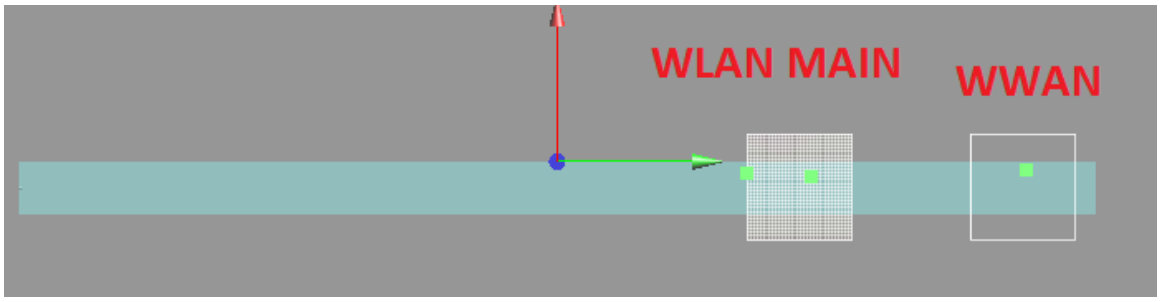
LTE Band 26 to WLAN Main



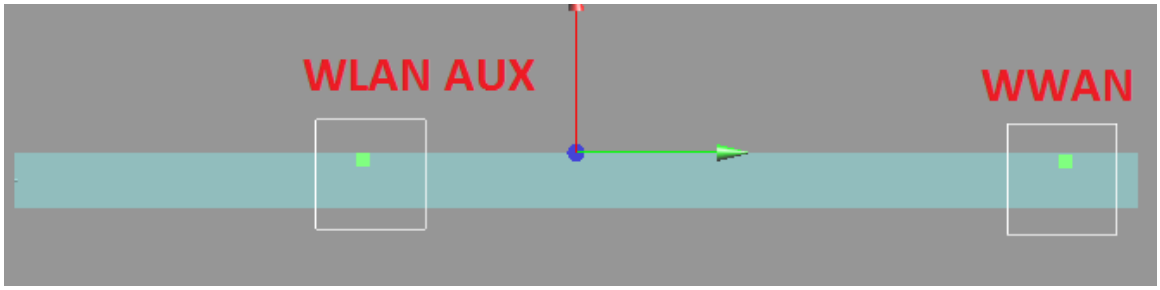
LTE Band 26 to WLAN Aux



LTE Band 30 to WLAN Main



LTE Band 30 to WLAN Aux



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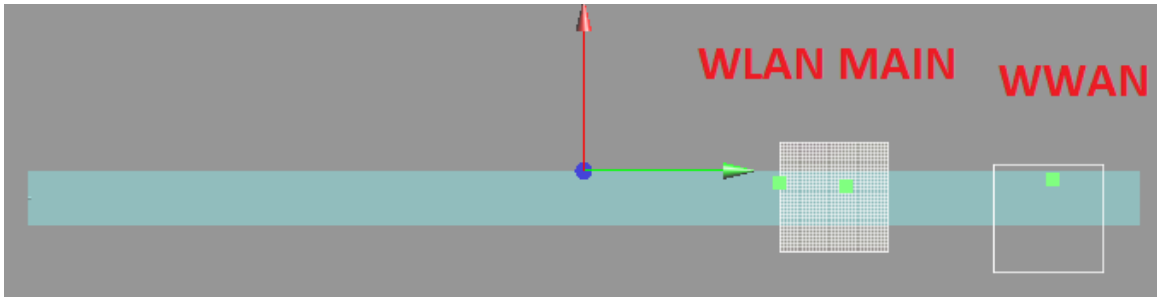
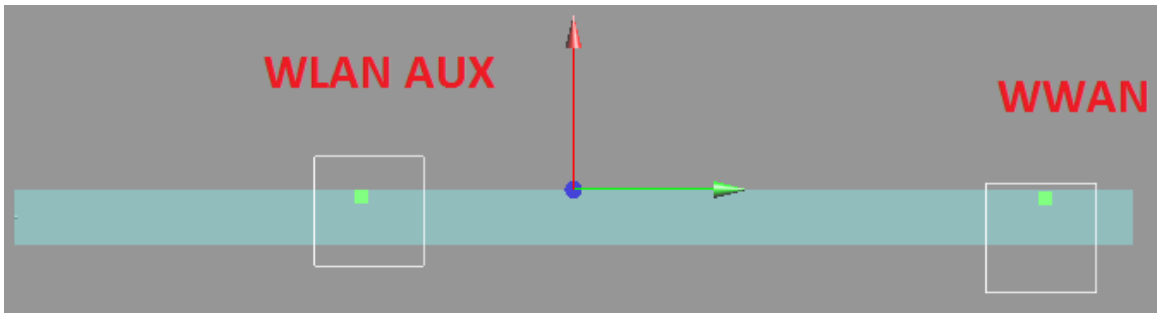
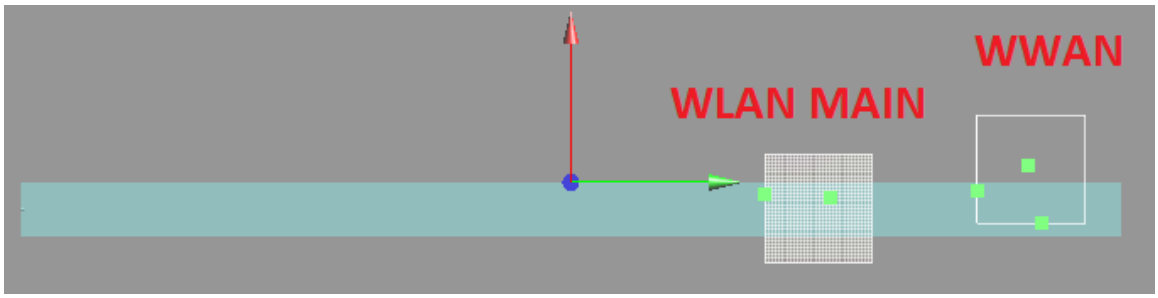
LTE Band 38 to WLAN Main



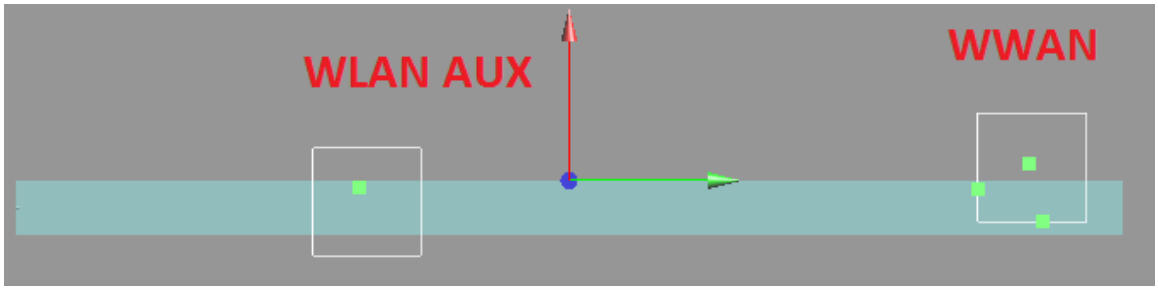
LTE Band 38 to WLAN Aux



LTE Band 41 to WLAN Main



LTE Band 41 to WLAN Aux



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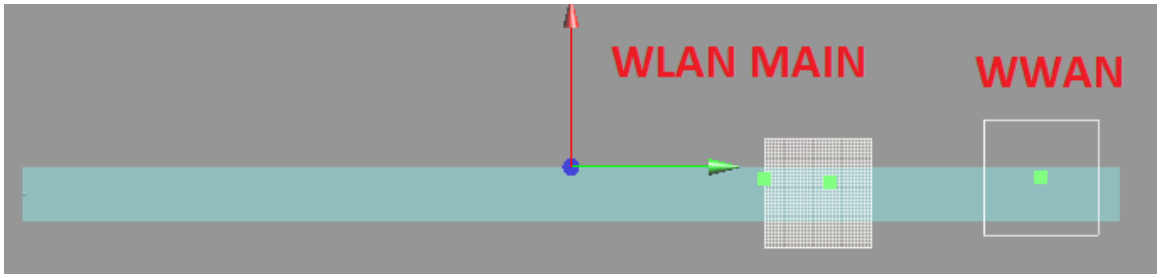
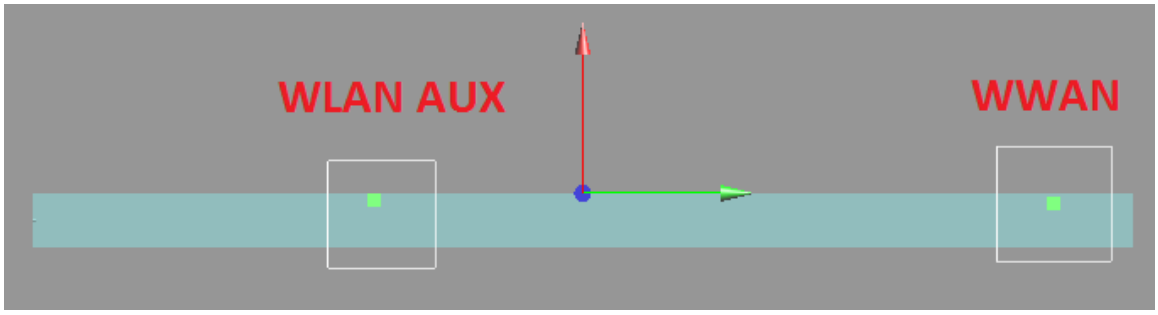
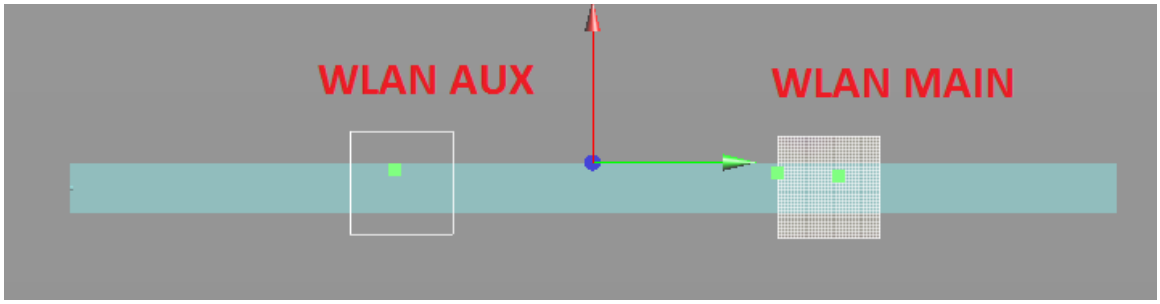
LTE Band 66 to WLAN Main



LTE Band 66 to WLAN Aux



WLAN Aux to WLAN Main



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Top side WWAN + 5G WLAN MIMO

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Aux	0.879	-0.84	7.90	-0.41	-	-	-	-
	WLAN Main	1.184	-0.66	-5.34	-0.44	2.063	132.41	0.022	SPLSR ≤ 0.04, Not required
	WCDMA Band II	0.553	0.553	-0.30	13.15	-0.35	159.08	0.011	SPLSR ≤ 0.04, Not required
	WCDMA Band IV	0.563	0.563	-0.30	13.79	-0.34	164.57	0.011	SPLSR ≤ 0.04, Not required
	WCDMA Band V	0.462	0.462	-0.31	11.85	-0.45	148.12	0.010	SPLSR ≤ 0.04, Not required
	LTE Band 2	0.644	0.644	-0.30	13.15	-0.35	159.16	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 4	0.707	0.707	-0.30	13.15	-0.35	159.22	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 5	0.519	0.519	-0.15	11.85	-0.46	147.29	0.011	SPLSR ≤ 0.04, Not required
	LTE Band 7	0.717	0.717	-0.26	13.34	-0.37	160.65	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 12	0.447	0.447	-0.31	11.85	-0.47	148.11	0.010	SPLSR ≤ 0.04, Not required
	LTE Band 13	0.424	0.424	-0.31	12.00	-0.47	149.34	0.010	SPLSR ≤ 0.04, Not required
	LTE Band 14	0.449	0.449	-0.31	12.00	-0.47	149.36	0.010	SPLSR ≤ 0.04, Not required
	LTE Band 17	0.459	0.459	-0.31	11.85	-0.47	148.12	0.010	SPLSR ≤ 0.04, Not required
	LTE Band 25	0.651	0.651	-0.30	13.15	-0.35	159.17	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 26	0.523	0.523	-0.30	12.00	-0.47	149.37	0.011	SPLSR ≤ 0.04, Not required
	LTE Band 30	0.771	0.771	-0.22	13.38	-0.36	160.84	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 38	0.446	0.446	-0.22	12.94	-0.37	156.78	0.010	SPLSR ≤ 0.04, Not required
	LTE Band 41	0.408	0.408	0.46	12.74	-0.37	151.60	0.010	SPLSR ≤ 0.04, Not required
	LTE Band 66	0.756	0.756	-0.30	13.15	-0.35	159.27	0.013	SPLSR ≤ 0.04, Not required

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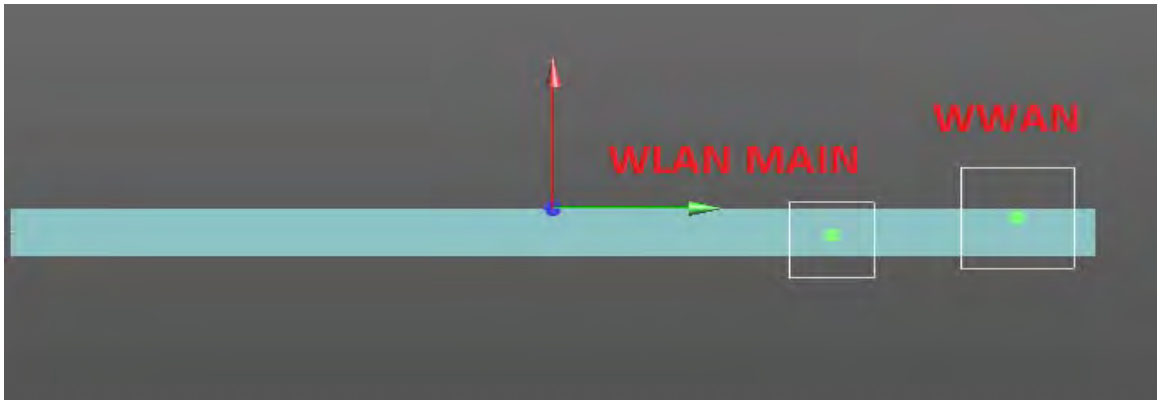
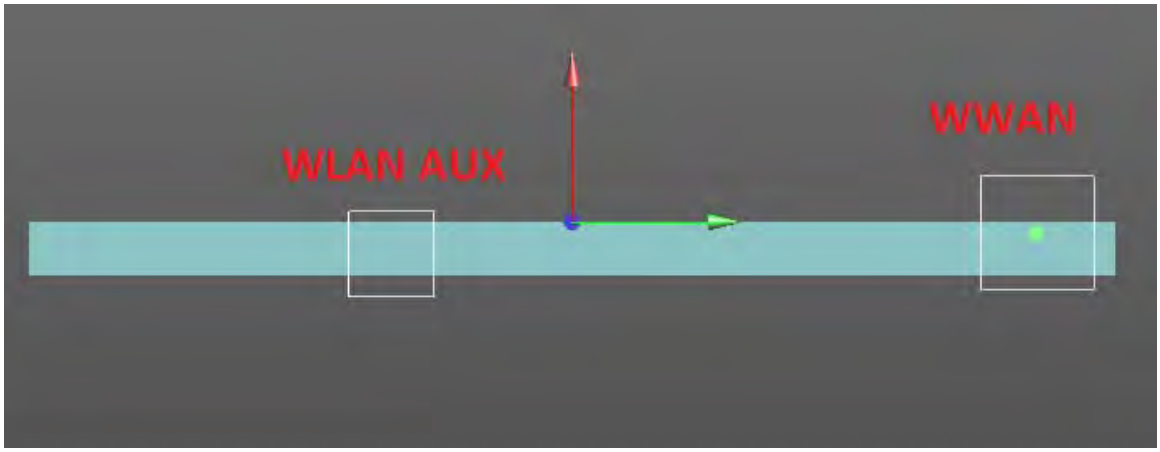
WCDMA Band II to WLAN Main



WCDMA Band II to WLAN Aux



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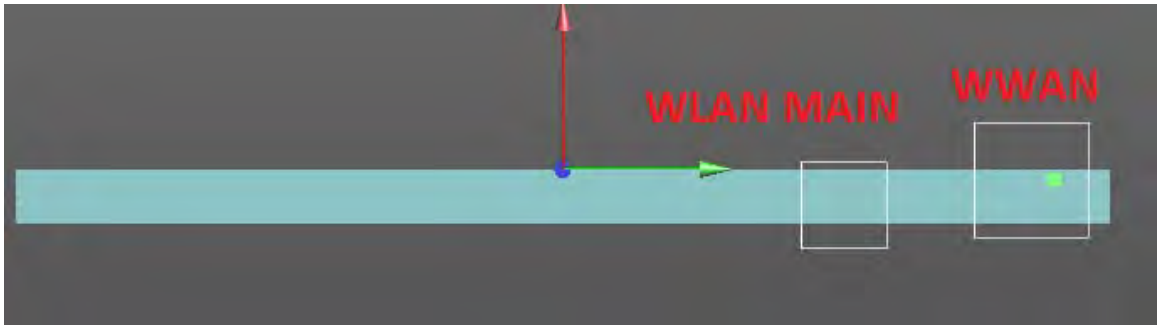
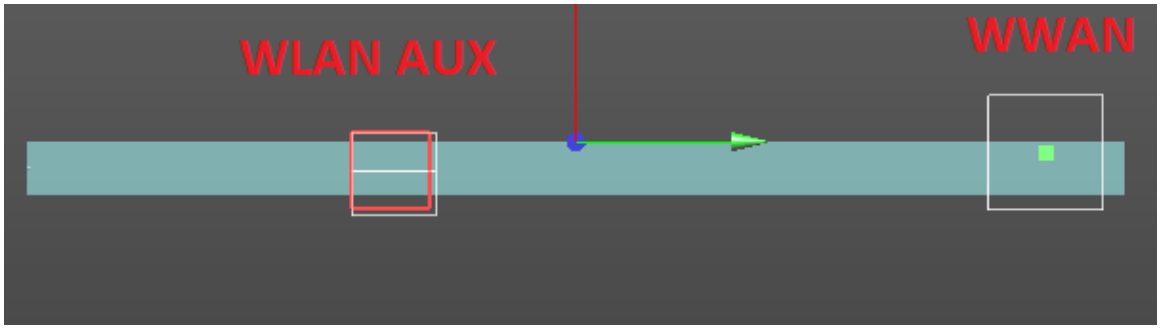
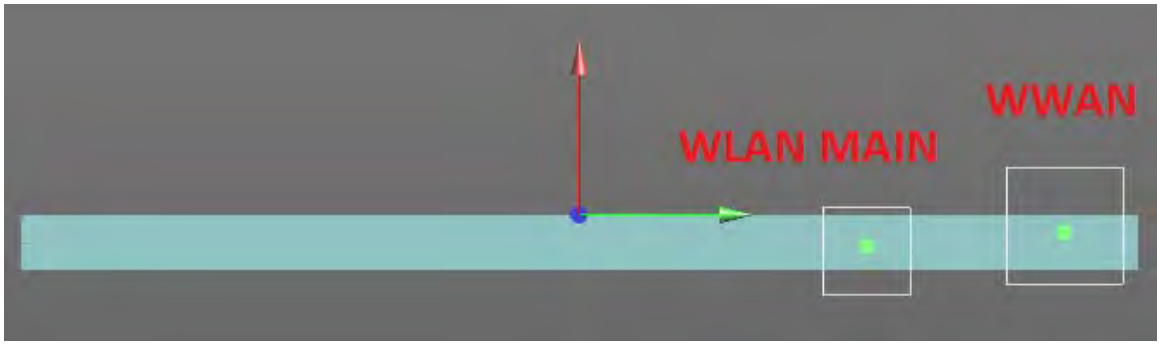
WCDMA Band IV to WLAN Main



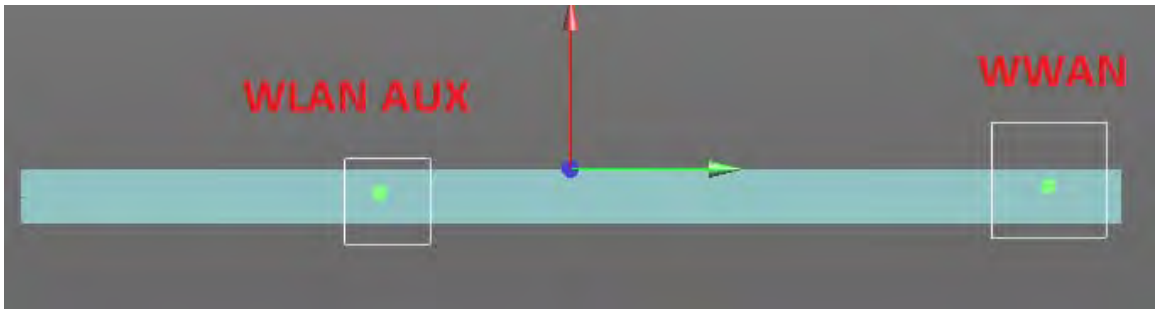
WCDMA Band IV to WLAN Aux



LTE Band 2 to WLAN Main



LTE Band 2 to WLAN Aux



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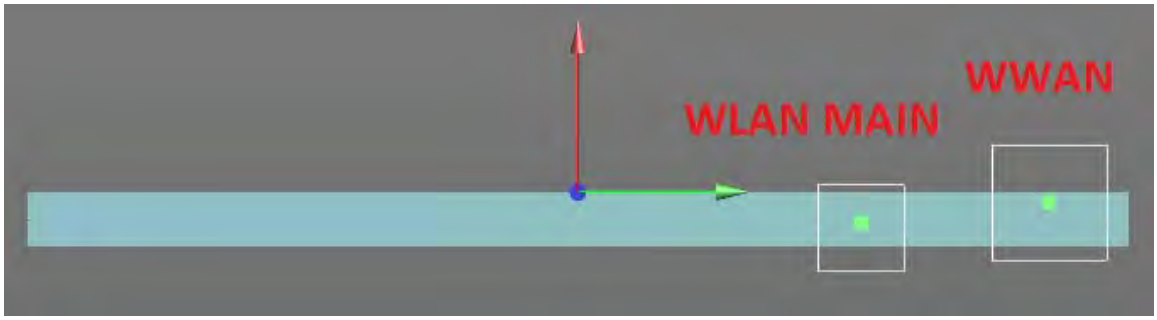
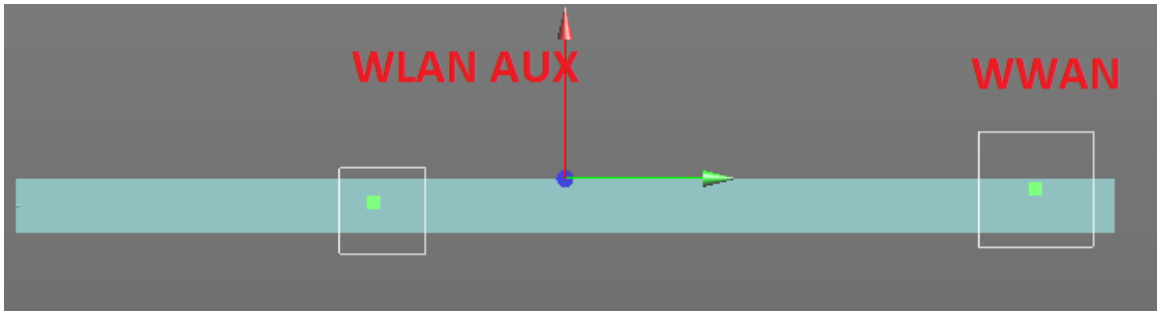
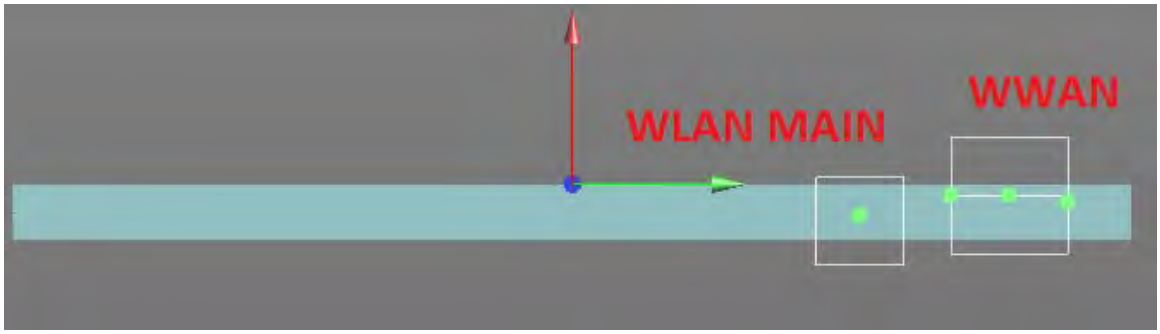
LTE Band 4 to WLAN Main



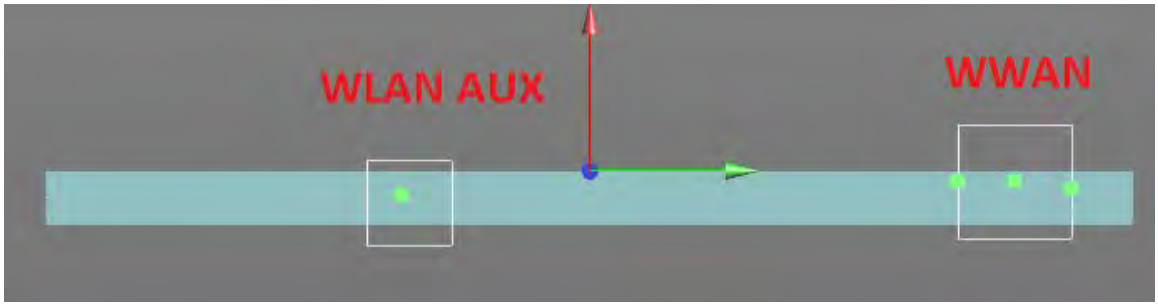
LTE Band 4 to WLAN Aux



LTE Band 5 to WLAN Main



LTE Band 5 to WLAN Aux



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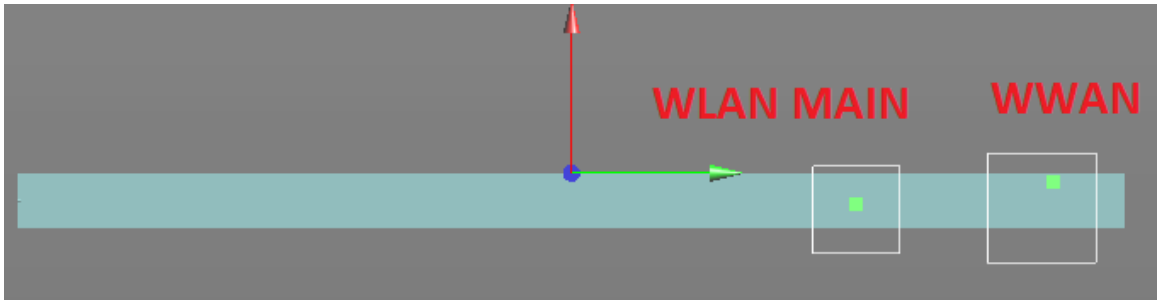
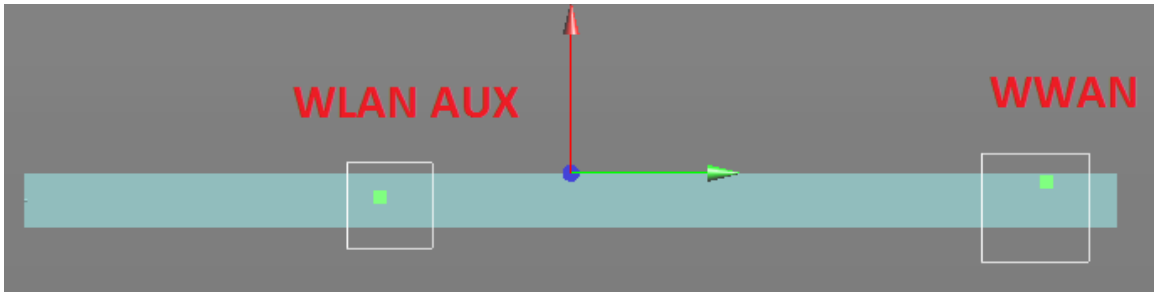
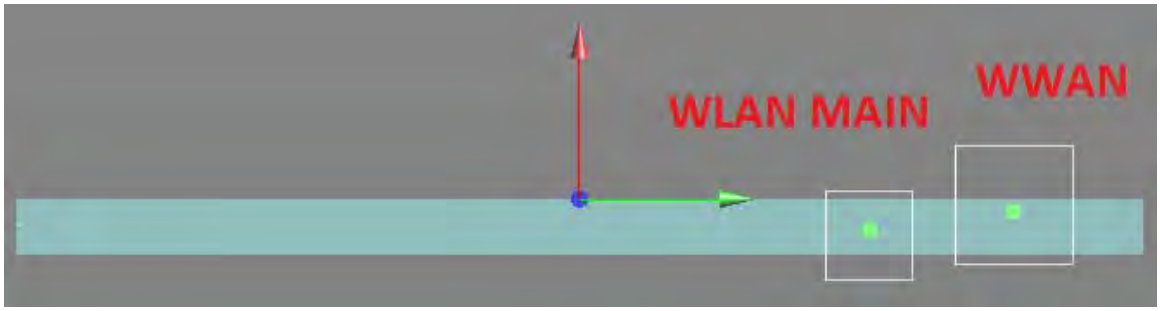
LTE Band 7 to WLAN Main



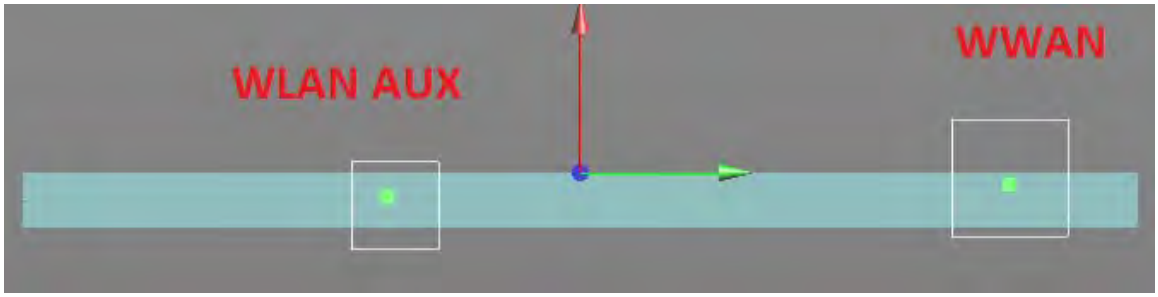
LTE Band 7 to WLAN Aux



LTE Band 12 to WLAN Main



LTE Band 12 to WLAN Aux



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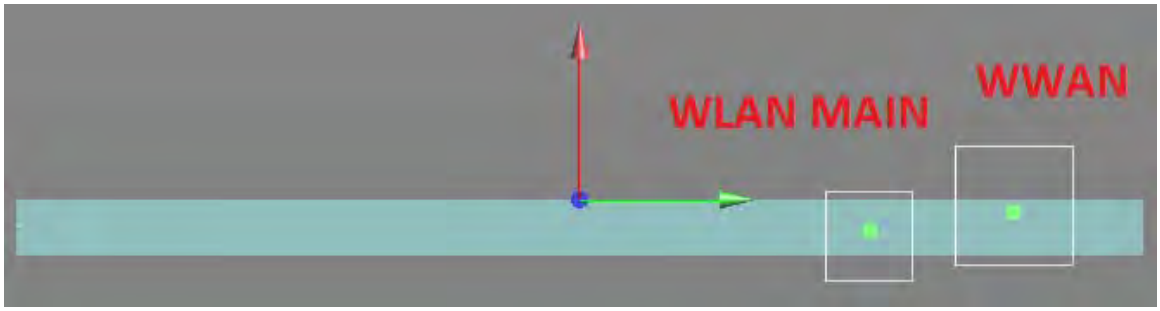
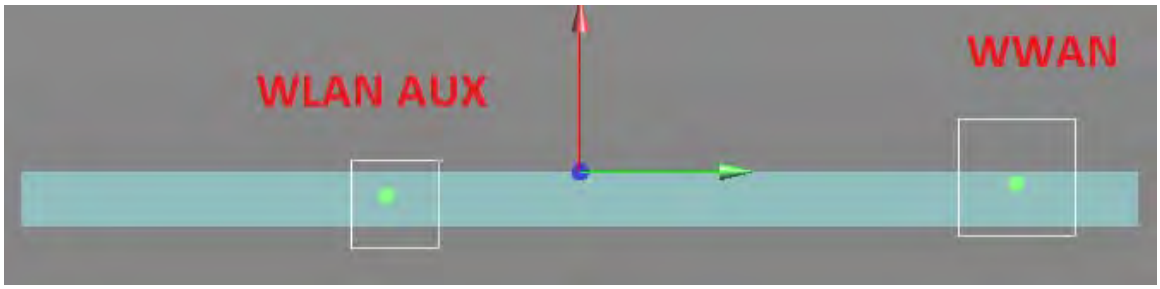
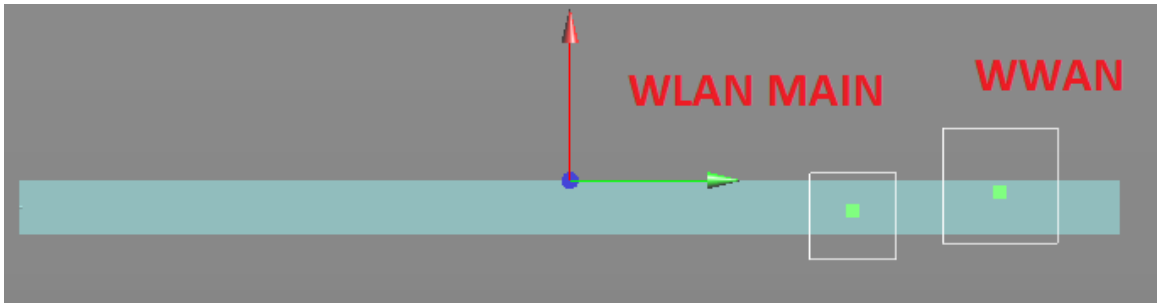
LTE Band 13 to WLAN Main



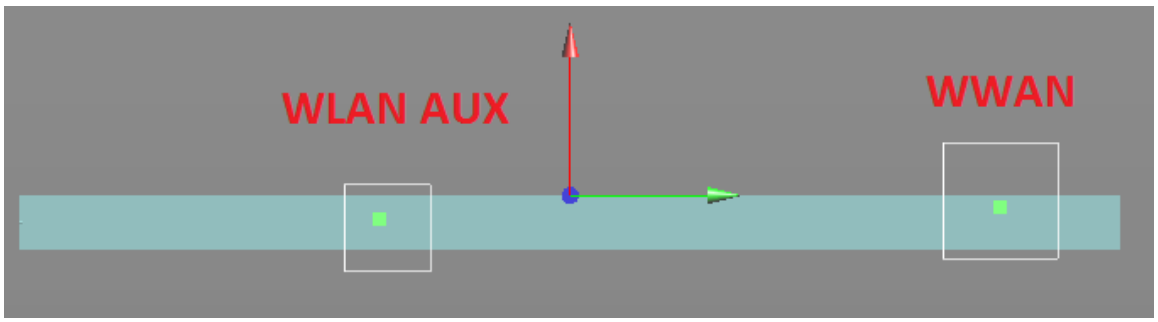
LTE Band 13 to WLAN Aux



LTE Band 14 to WLAN Main



LTE Band 14 to WLAN Aux



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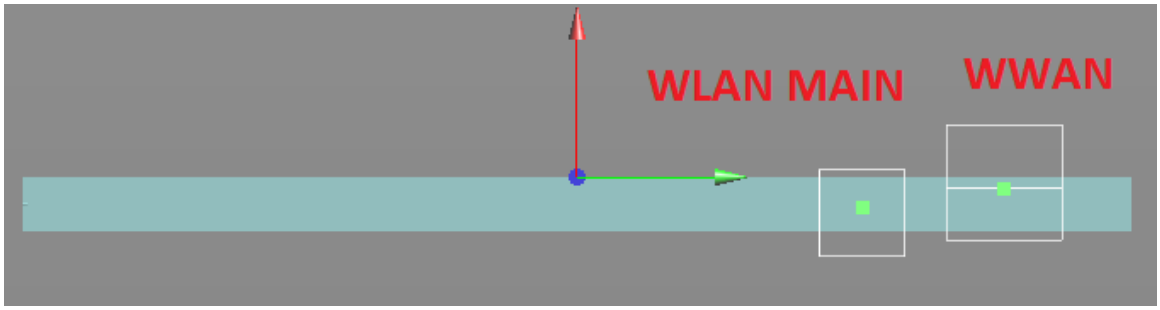
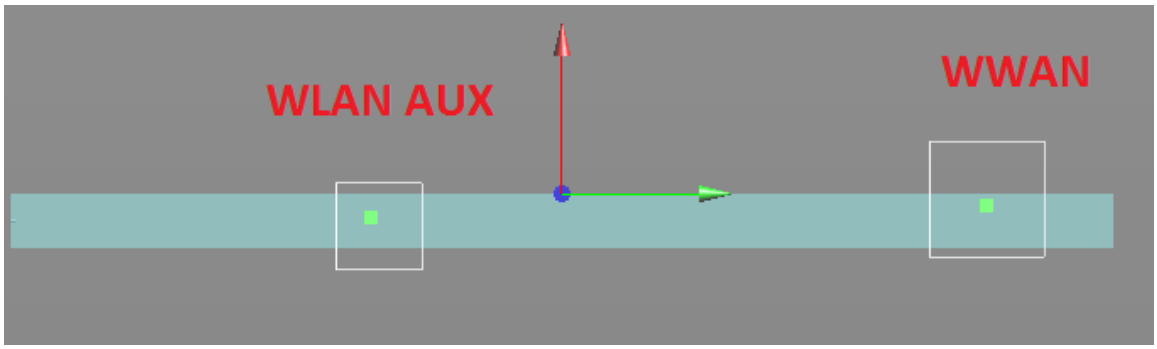
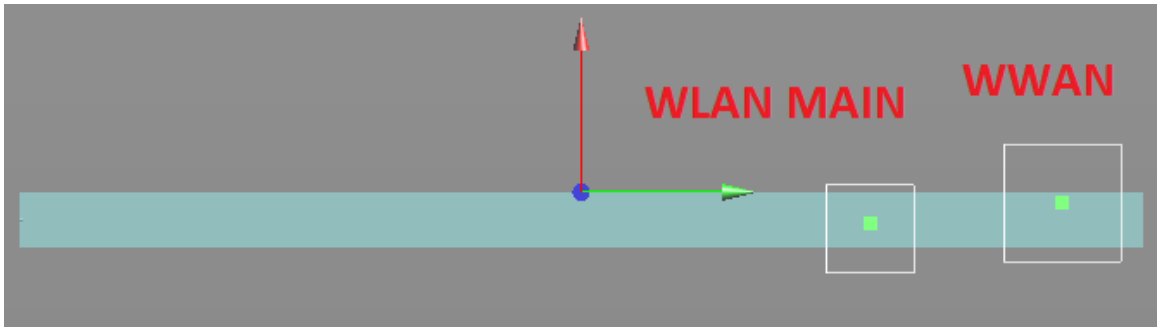
LTE Band 17 to WLAN Main



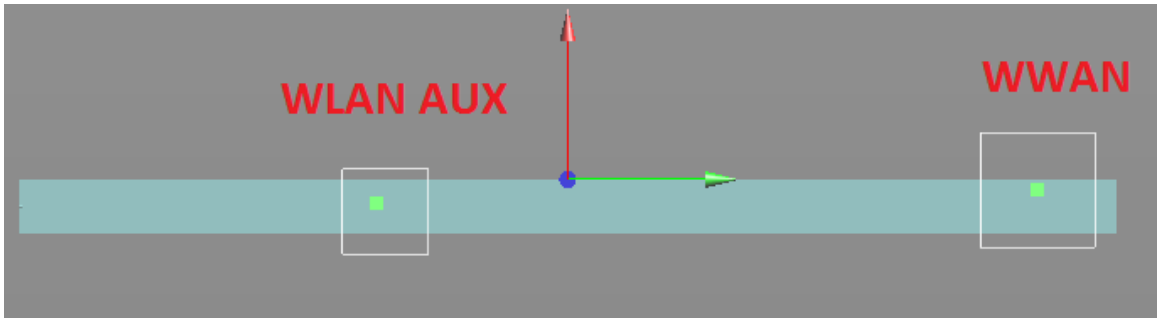
LTE Band 17 to WLAN Aux



LTE Band 25 to WLAN Main



LTE Band 25 to WLAN Aux



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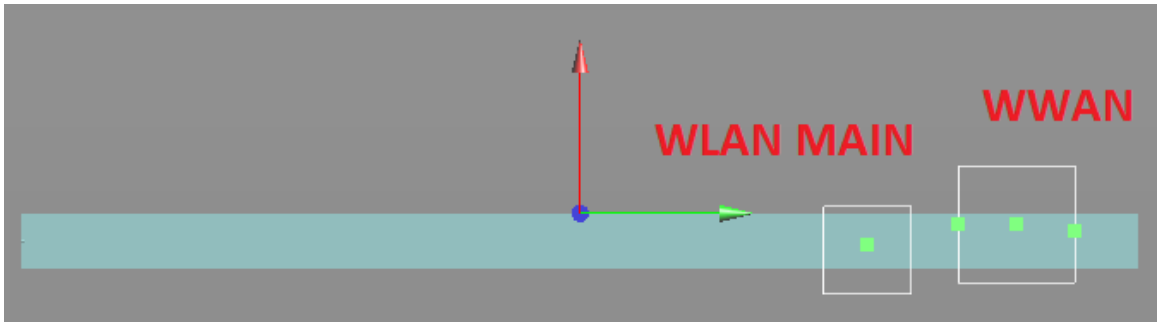
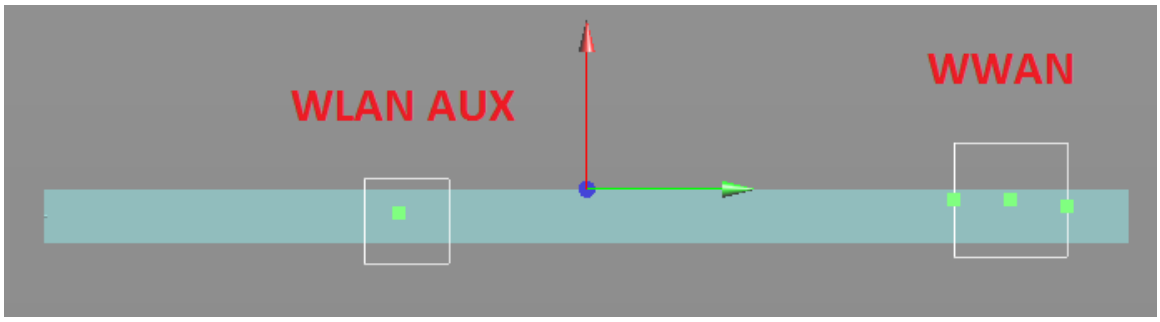
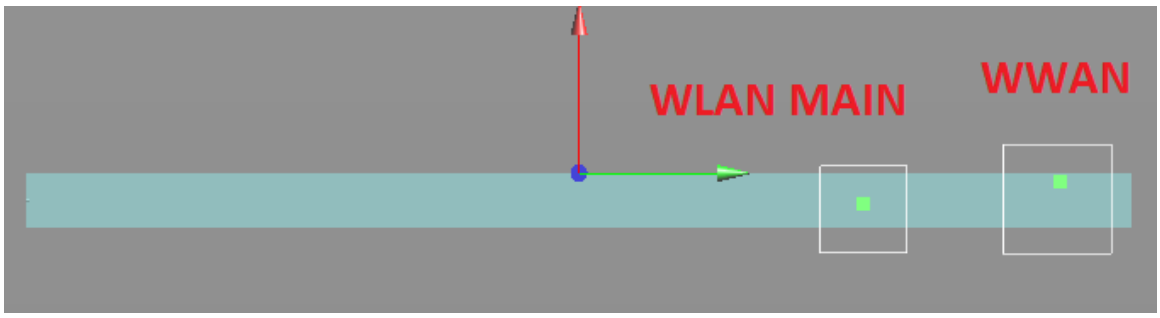
LTE Band 26 to WLAN Main



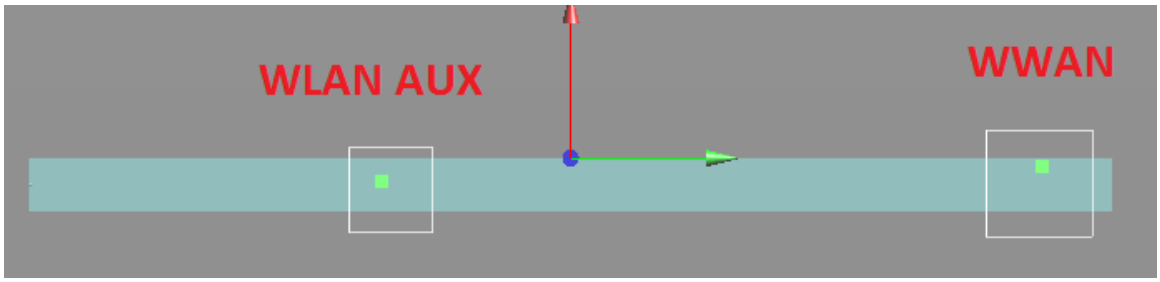
LTE Band 26 to WLAN Aux



LTE Band 30 to WLAN Main



LTE Band 30 to WLAN Aux



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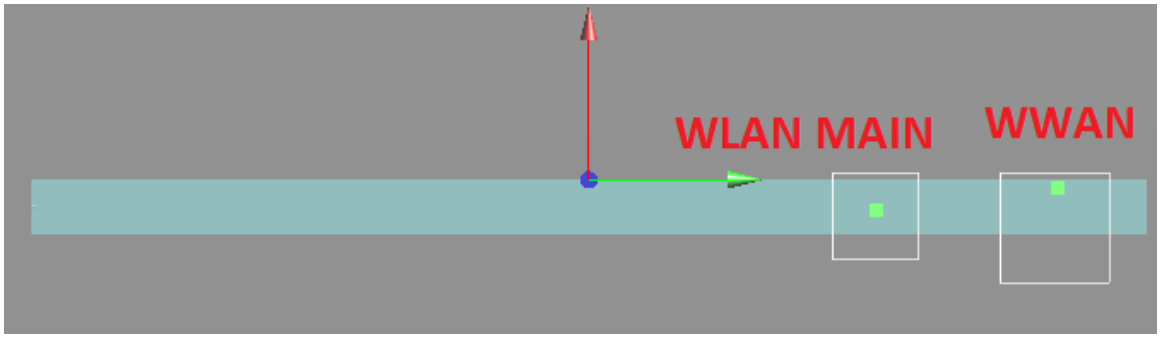
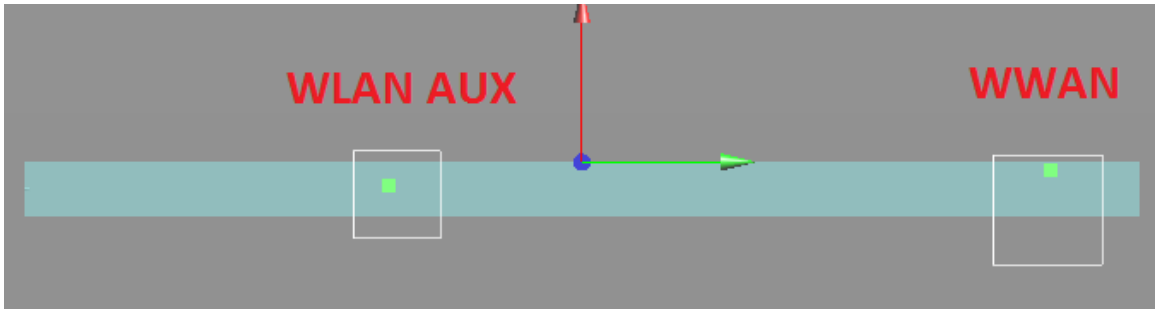
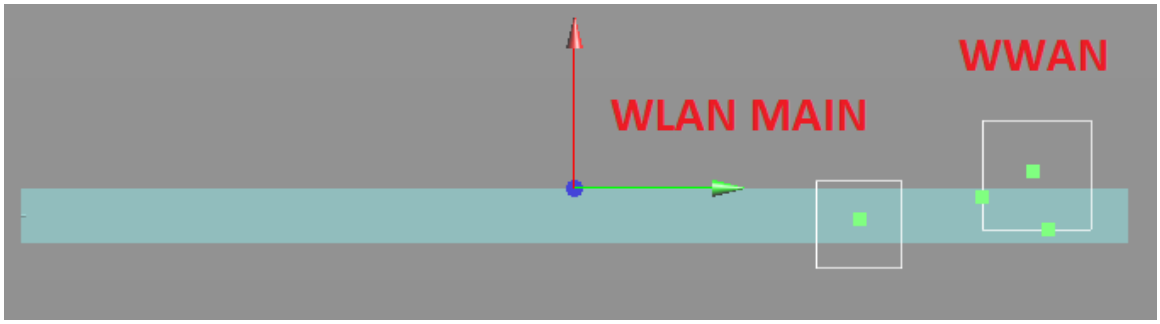
LTE Band 38 to WLAN Main



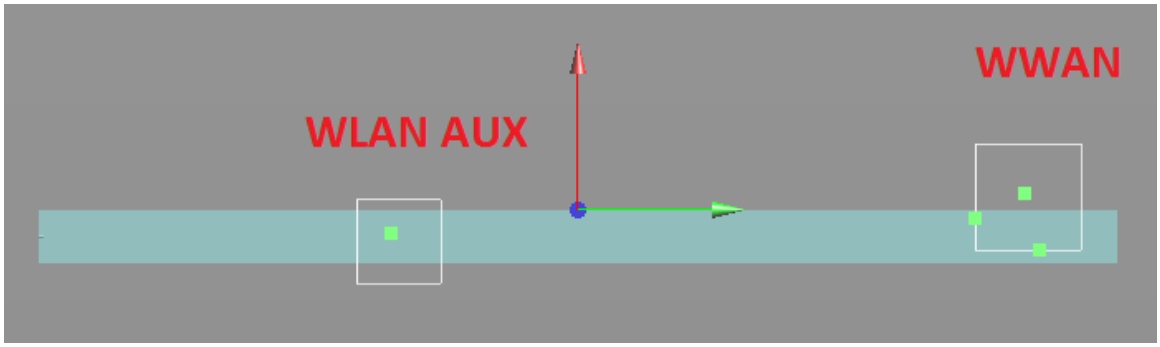
LTE Band 38 to WLAN Aux



LTE Band 41 to WLAN Main



LTE Band 41 to WLAN Aux



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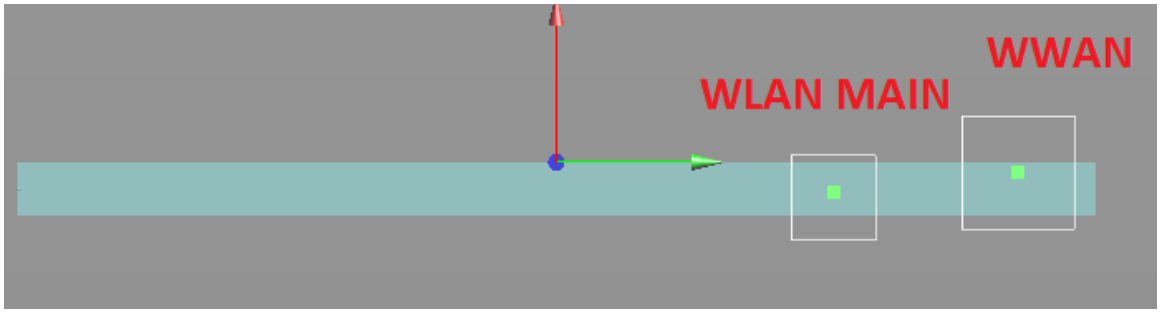
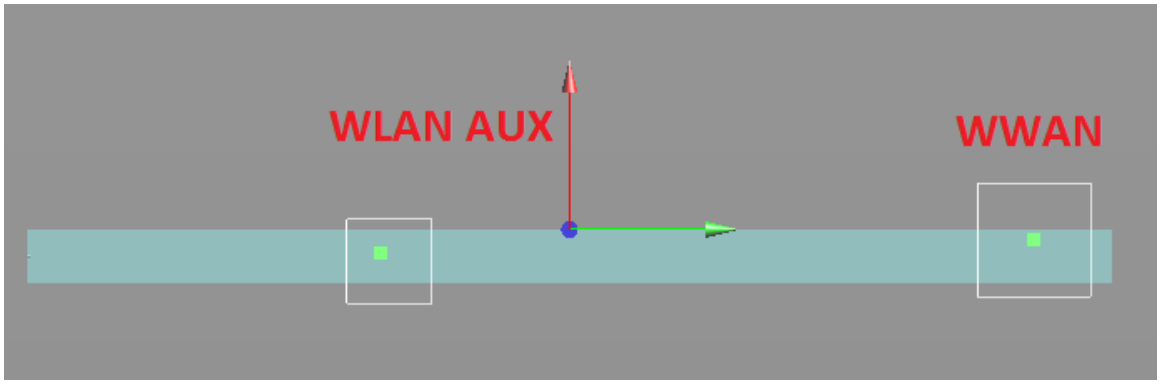
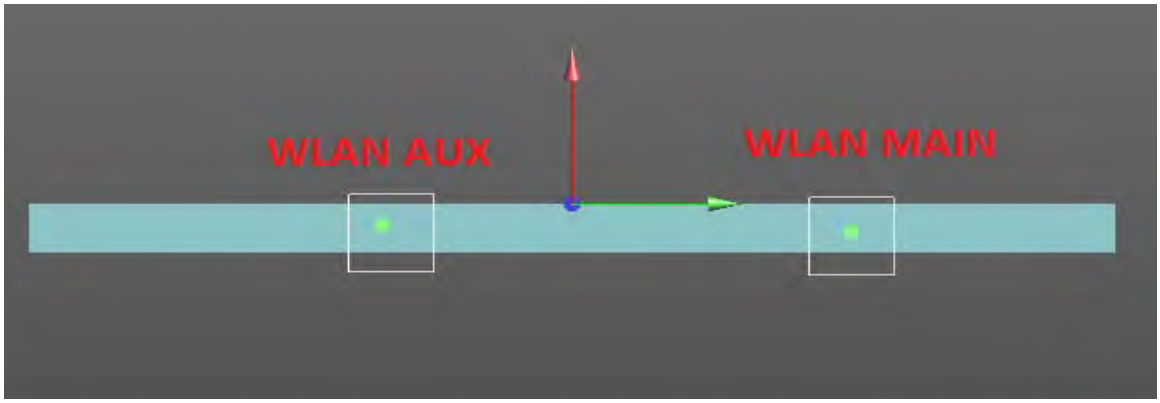
LTE Band 66 to WLAN Main



LTE Band 66 to WLAN Aux



WLAN Aux to WLAN Main



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Top side WWAN + 5G WLAN Aux + BT

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Aux	1.184	-0.66	-5.34	-0.44	-	-	-	-
	BT	0.015	-0.34	5.44	-0.37	1.199	107.85	0.012	SPLSR ≤ 0.04, Not required
	WCDMA Band II	0.553	-0.30	13.15	-0.35	1.737	184.94	0.012	SPLSR ≤ 0.04, Not required
	WCDMA Band IV	0.563	-0.30	13.79	-0.34	1.747	191.34	0.012	SPLSR ≤ 0.04, Not required
	WCDMA Band V	0.462	-0.31	11.85	-0.45	1.646	171.94	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 2	0.644	-0.30	13.15	-0.35	1.828	184.94	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 4	0.707	-0.30	13.15	-0.35	1.891	184.94	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 5	0.519	-0.15	11.85	-0.46	1.703	171.98	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 7	0.717	-0.26	13.34	-0.37	1.901	186.84	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 12	0.447	-0.31	11.85	-0.47	1.631	171.94	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 13	0.424	-0.31	12.00	-0.47	1.608	173.44	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 14	0.449	-0.31	12.00	-0.47	1.633	173.44	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 17	0.459	-0.31	11.85	-0.47	1.643	171.94	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 25	0.651	-0.30	13.15	-0.35	1.835	184.94	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 26	0.523	-0.30	12.00	-0.47	1.707	173.44	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 30	0.771	-0.22	13.38	-0.36	1.955	187.25	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 38	0.446	-0.22	12.94	-0.37	1.630	182.85	0.011	SPLSR ≤ 0.04, Not required
	LTE Band 41	0.408	0.46	12.74	-0.37	1.592	181.15	0.011	SPLSR ≤ 0.04, Not required
	LTE Band 66	0.756	-0.30	13.15	-0.35	1.940	184.94	0.015	SPLSR ≤ 0.04, Not required

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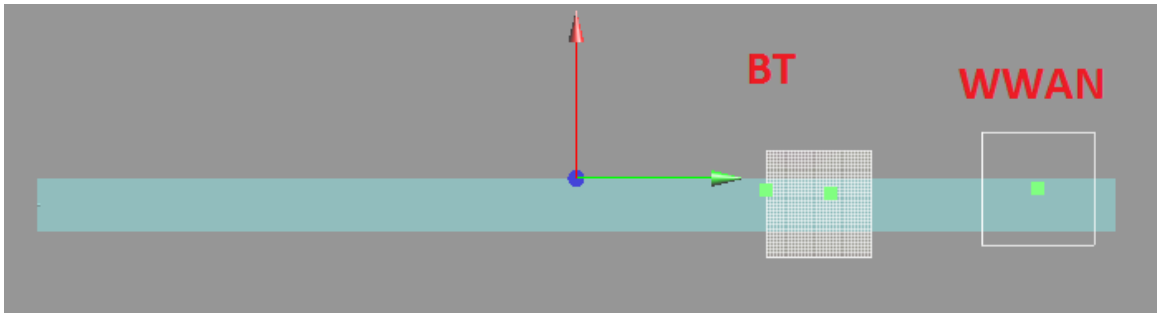
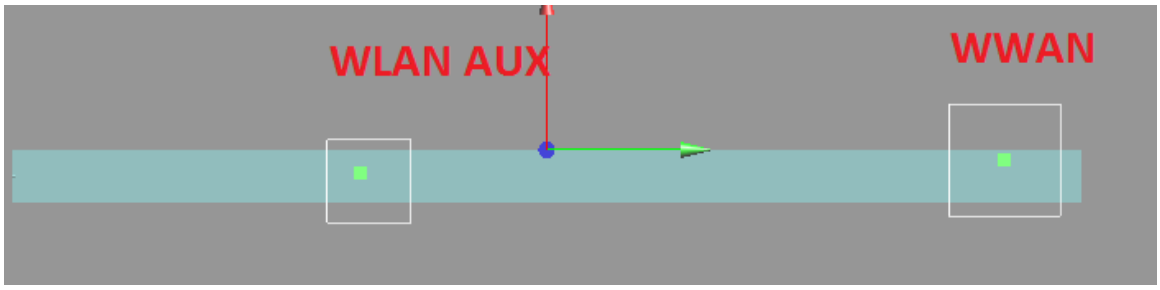
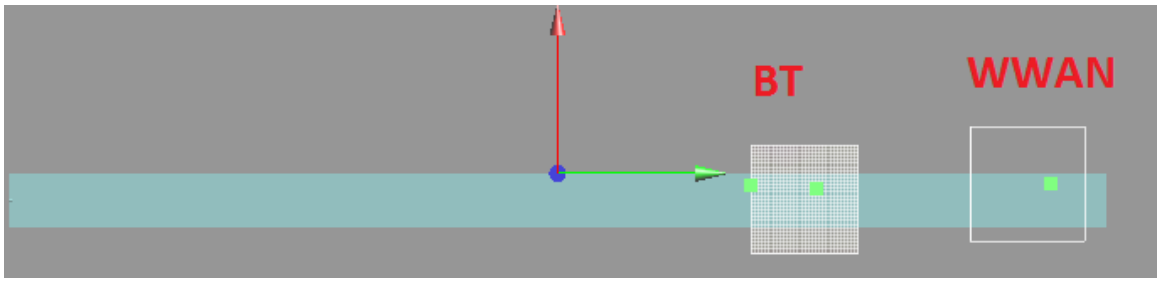
WCDMA Band II to Bluetooth



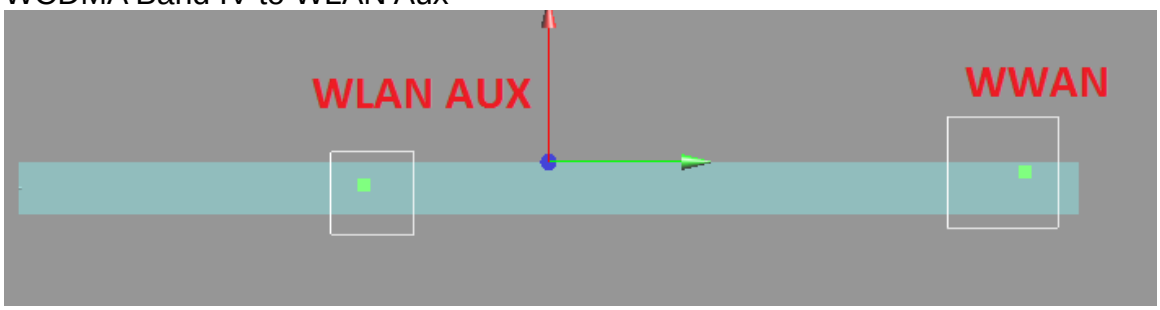
WCDMA Band II to WLAN Aux



WCDMA Band IV to Bluetooth



WCDMA Band IV to WLAN Aux



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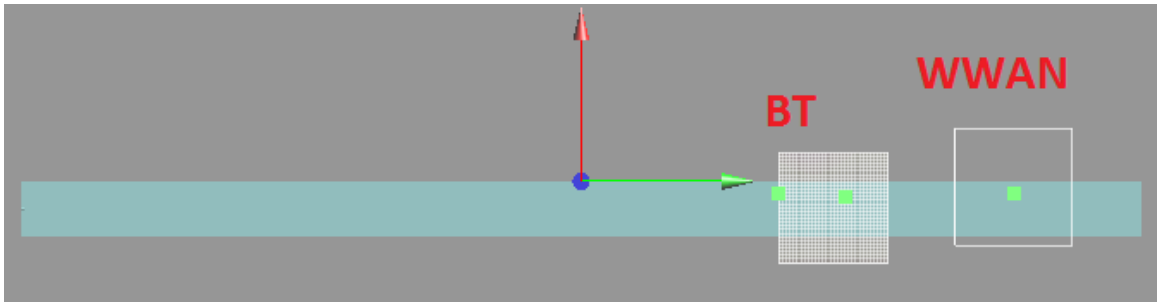
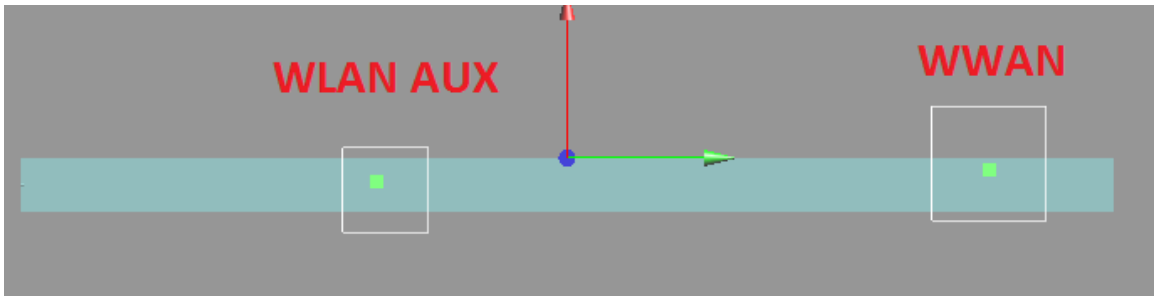
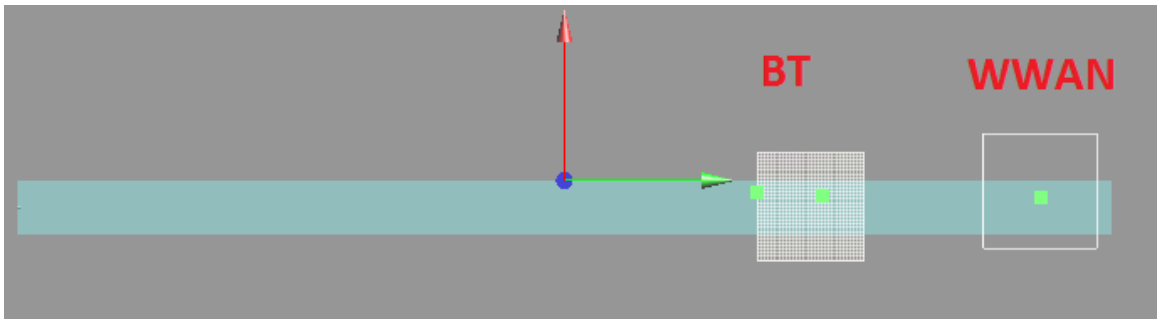
WCDMA Band V to Bluetooth



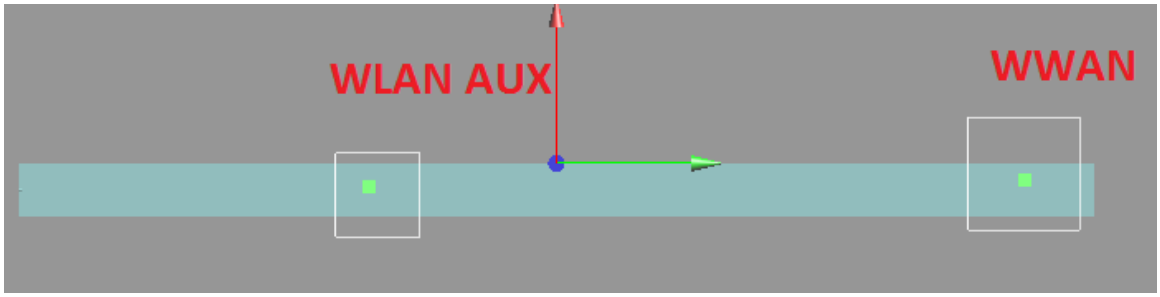
WCDMA Band V to WLAN Aux



LTE Band 2 to Bluetooth



LTE Band 2 to WLAN Aux



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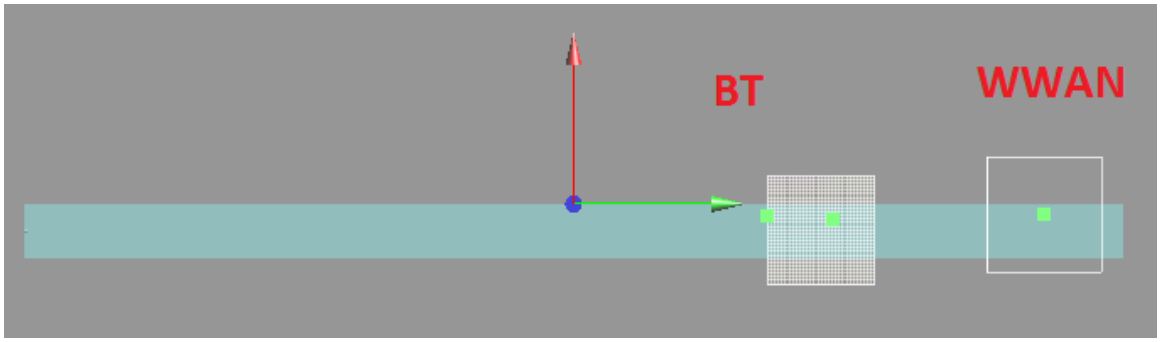
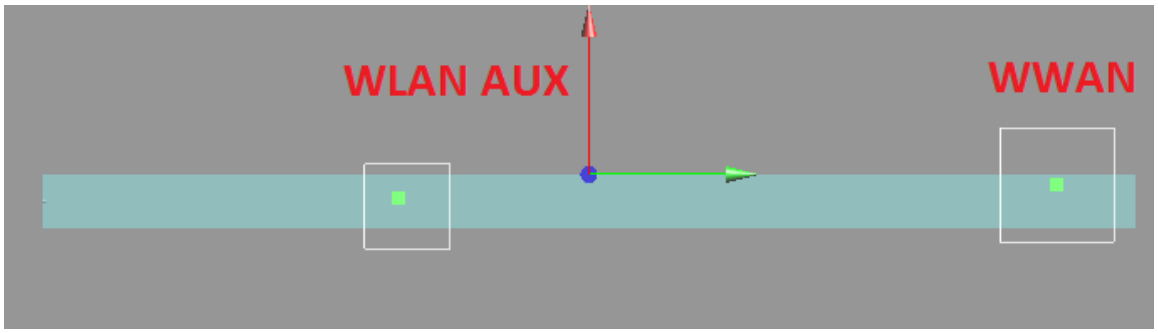
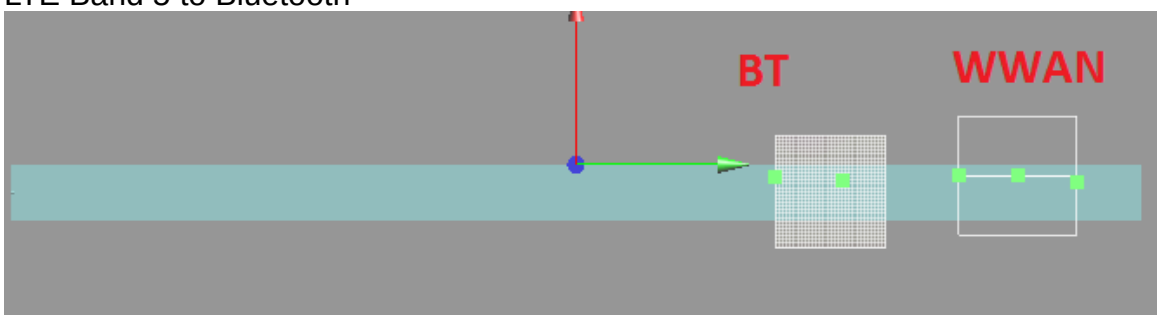
LTE Band 4 to Bluetooth



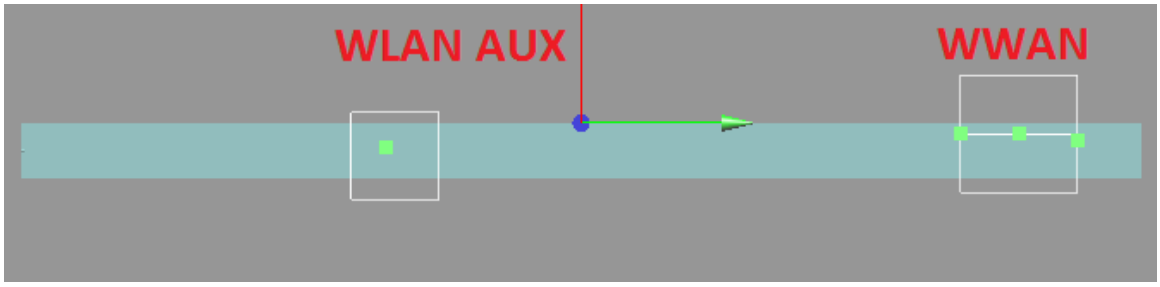
LTE Band 4 to WLAN Aux



LTE Band 5 to Bluetooth



LTE Band 5 to WLAN Aux



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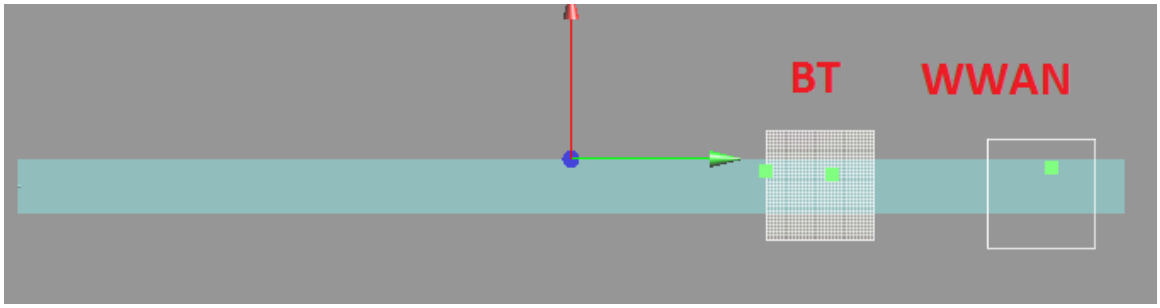
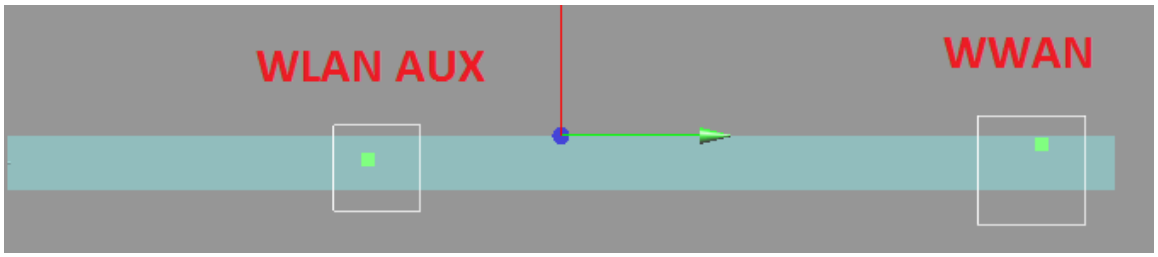
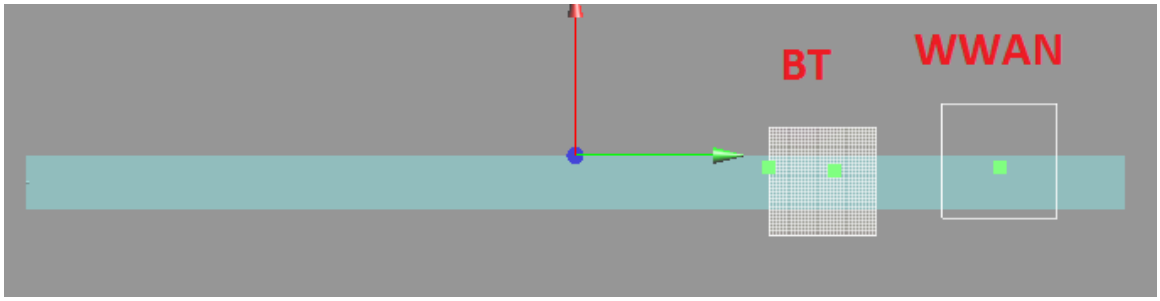
LTE Band 7 to Bluetooth



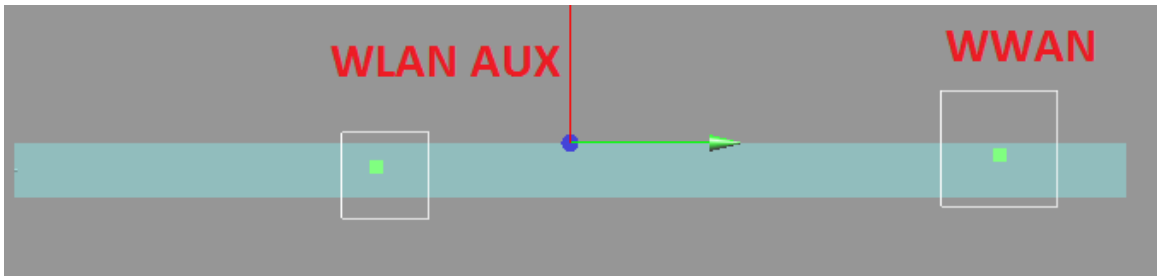
LTE Band 7 to WLAN Aux



LTE Band 12 to Bluetooth



LTE Band 12 to WLAN Aux



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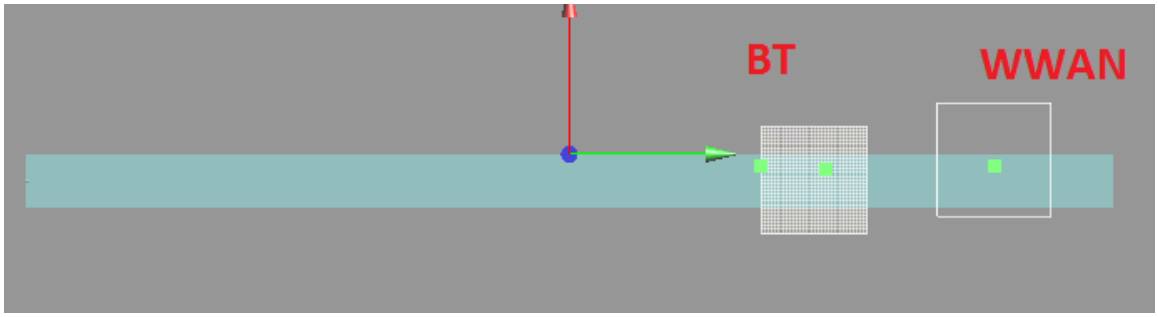
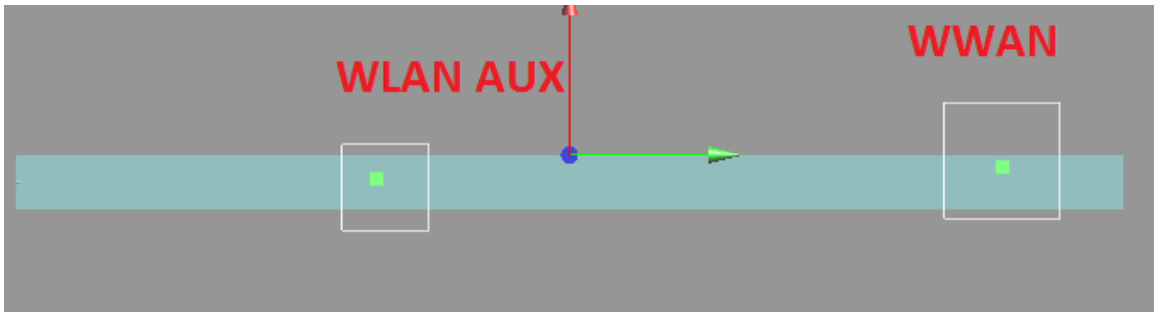
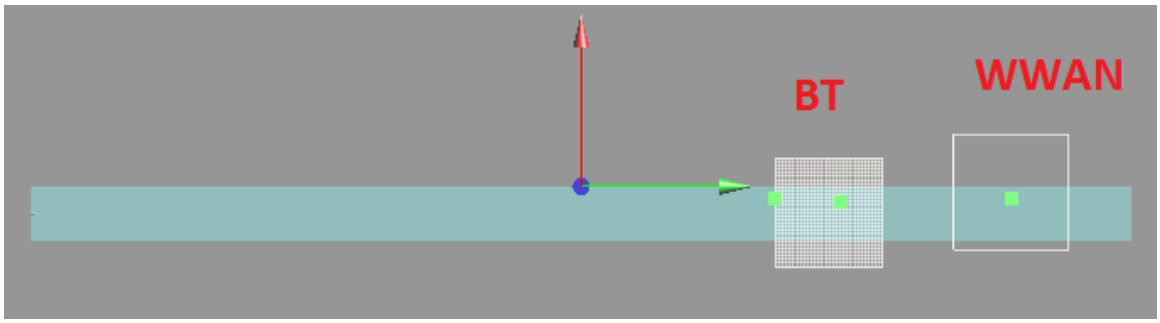
LTE Band 13 to Bluetooth



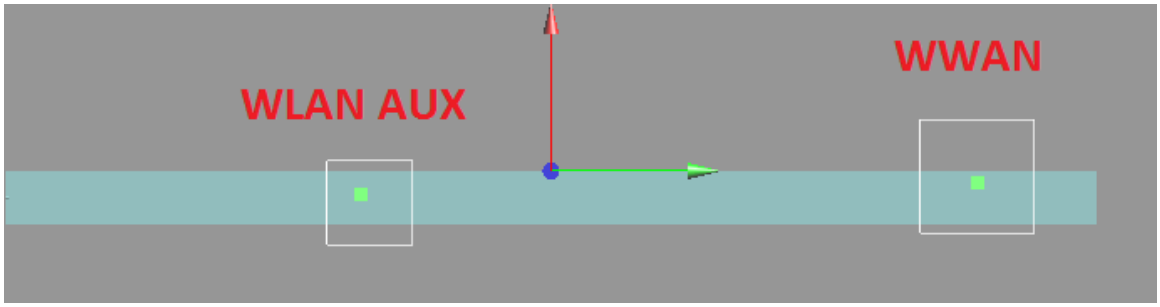
LTE Band 13 to WLAN Aux



LTE Band 14 to Bluetooth



LTE Band 14 to WLAN Aux



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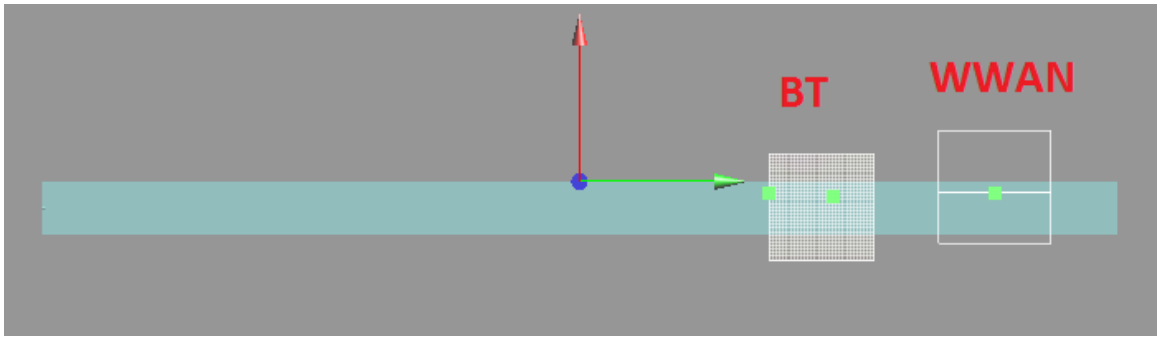
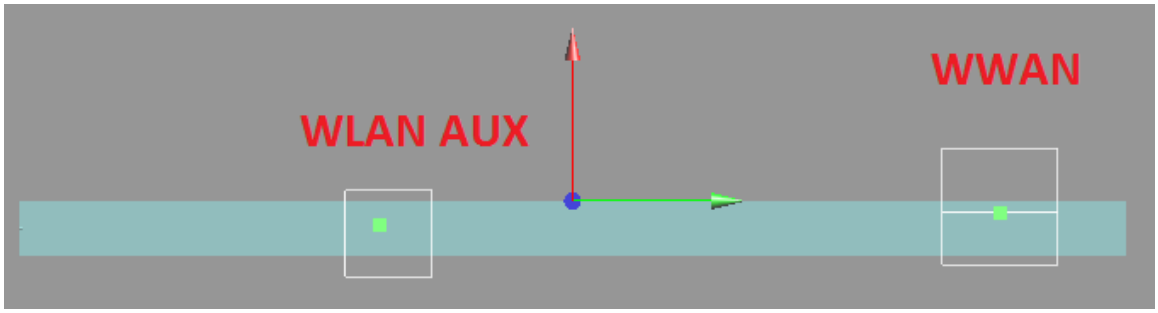
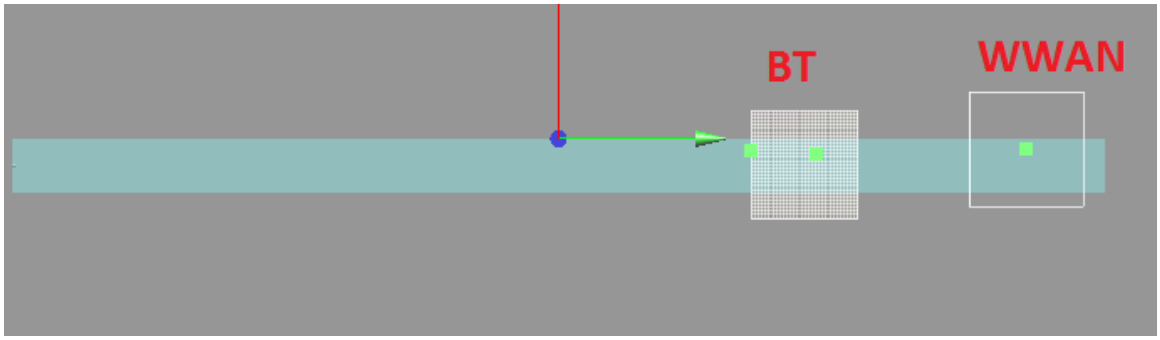
LTE Band 17 to Bluetooth



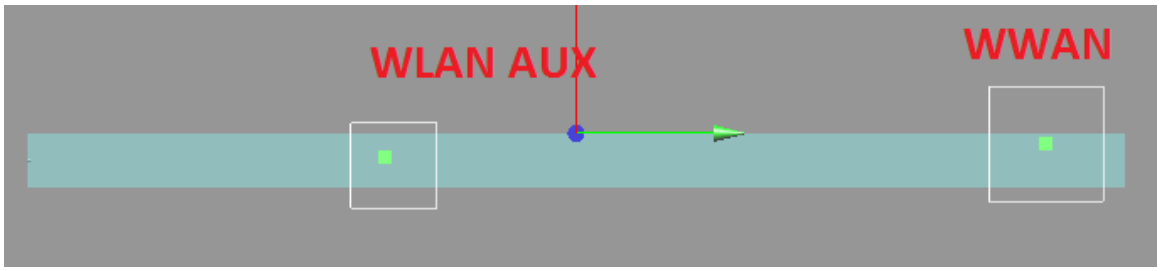
LTE Band 17 to WLAN Aux



LTE Band 25 to Bluetooth



LTE Band 25 to WLAN Aux



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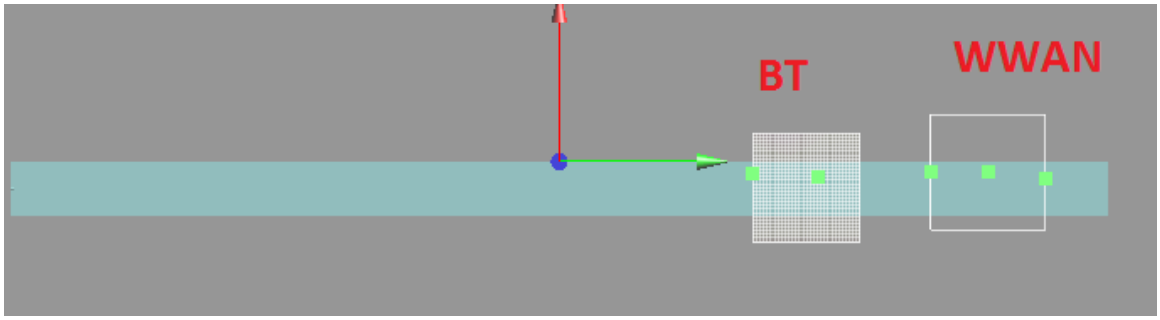
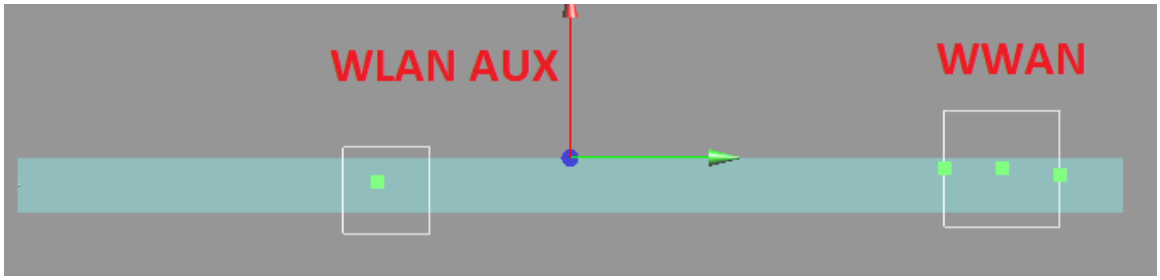
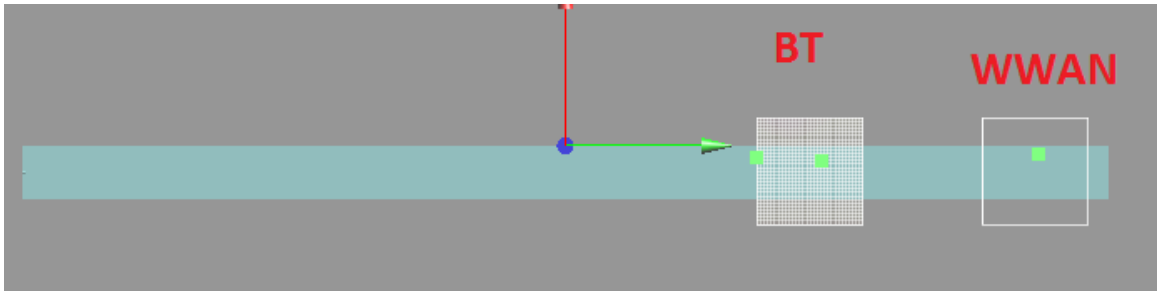
LTE Band 26 to Bluetooth



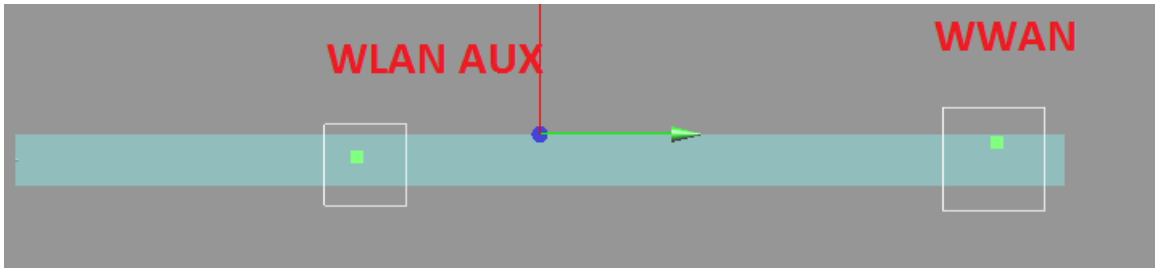
LTE Band 26 to WLAN Aux



LTE Band 30 to Bluetooth



LTE Band 30 to WLAN Aux



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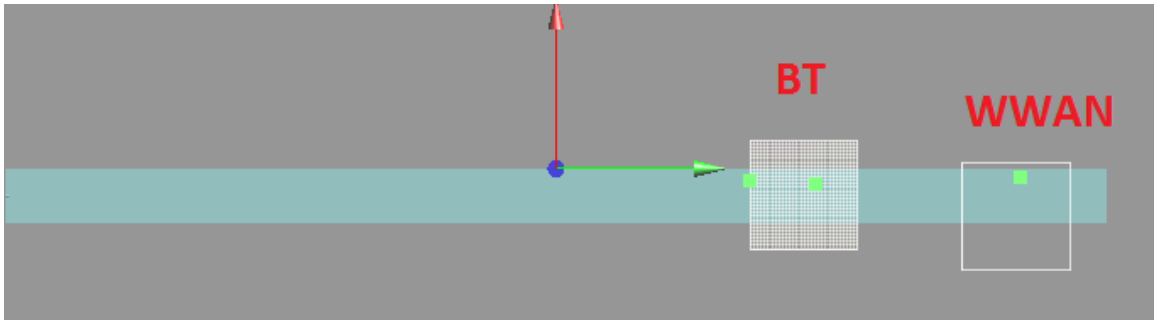
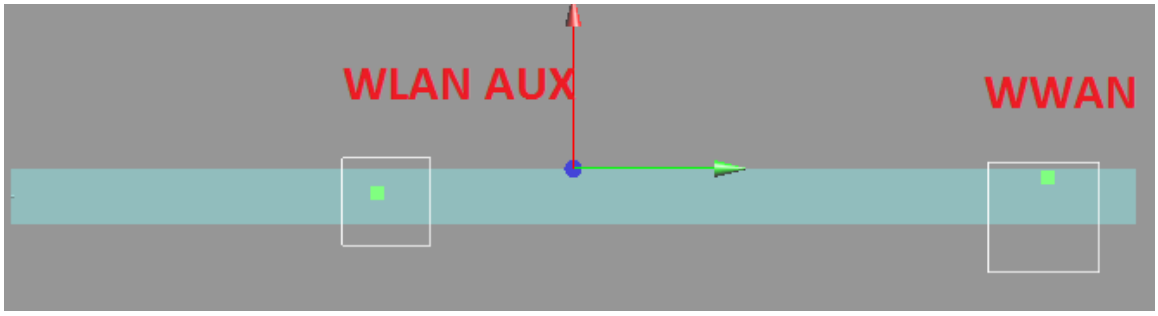
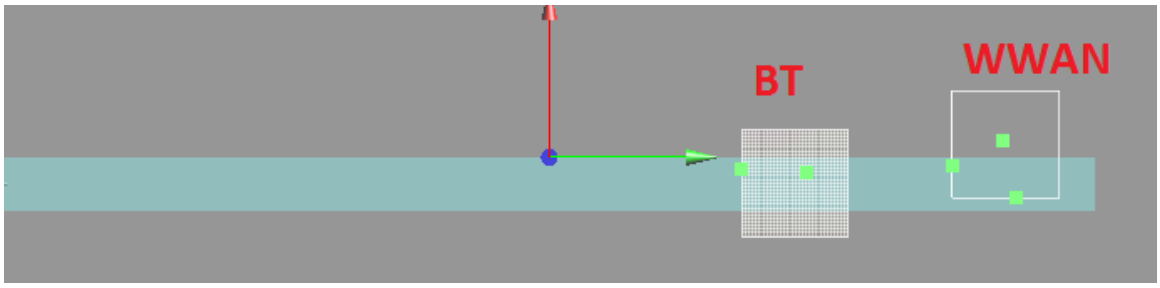
LTE Band 38 to Bluetooth



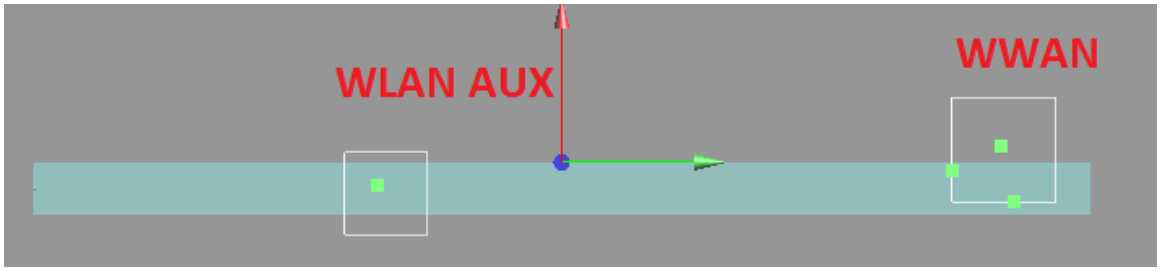
LTE Band 38 to WLAN Aux



LTE Band 41 to Bluetooth



LTE Band 41 to WLAN Aux



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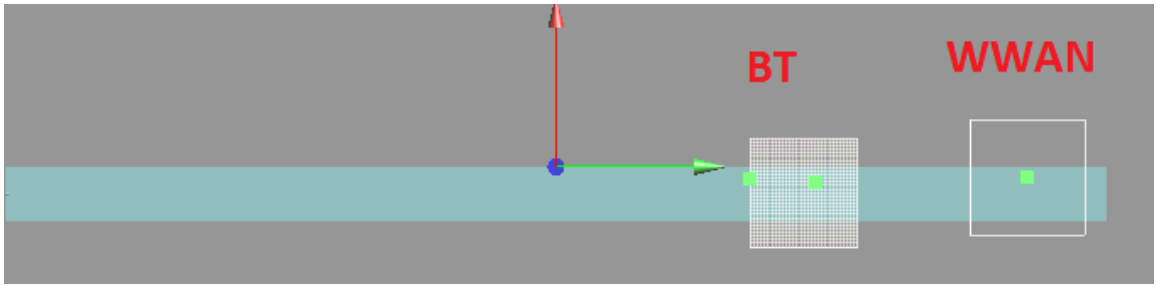
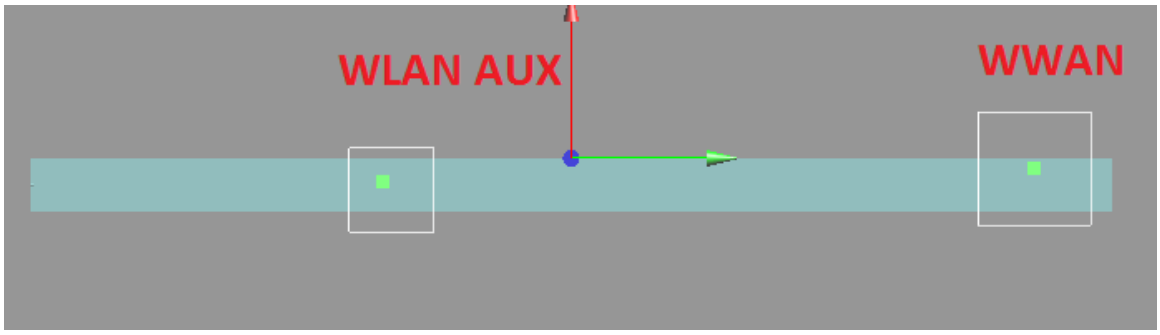
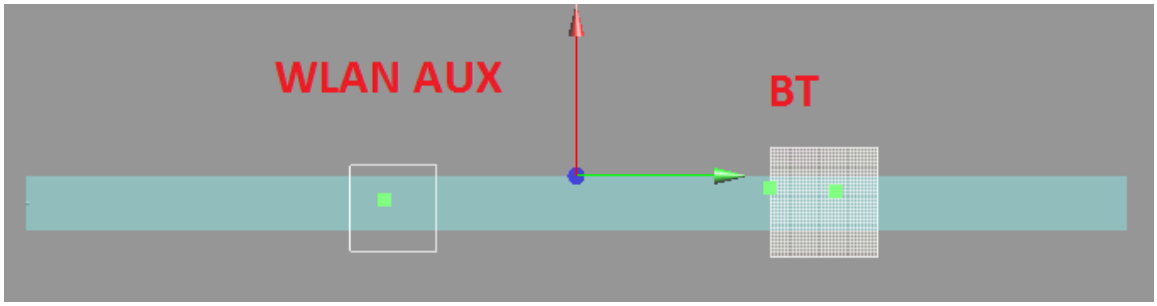
LTE Band 66 to Bluetooth



LTE Band 66 to WLAN Aux



WLAN Aux to WLAN Bluetooth



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Bottom side WWAN + 2.4G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
9	Bottom side	WCDMA Band Ⅱ	0	0.011	0.006	0.033	0.050	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.012	0.006	0.033	0.051	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.016	0.006	0.033	0.055	ΣSAR<1.6, Not required
		LTE Band 2	0	0.007	0.006	0.033	0.046	ΣSAR<1.6, Not required
		LTE Band 4	0	0.007	0.006	0.033	0.046	ΣSAR<1.6, Not required
		LTE Band 5	0	0.014	0.006	0.033	0.053	ΣSAR<1.6, Not required
		LTE Band 7	0	0.006	0.006	0.033	0.045	ΣSAR<1.6, Not required
		LTE Band 12	0	0.011	0.006	0.033	0.050	ΣSAR<1.6, Not required
		LTE Band 13	0	0.011	0.006	0.033	0.050	ΣSAR<1.6, Not required
		LTE Band 14	0	0.010	0.006	0.033	0.049	ΣSAR<1.6, Not required
		LTE Band 17	0	0.011	0.006	0.033	0.050	ΣSAR<1.6, Not required
		LTE Band 25	0	0.005	0.006	0.033	0.044	ΣSAR<1.6, Not required
		LTE Band 26	0	0.014	0.006	0.033	0.053	ΣSAR<1.6, Not required
		LTE Band 30	0	0.009	0.006	0.033	0.048	ΣSAR<1.6, Not required
		LTE Band 38	0	0.005	0.006	0.033	0.044	ΣSAR<1.6, Not required
		LTE Band 41	0	0.370	0.006	0.033	0.409	ΣSAR<1.6, Not required
		LTE Band 66	0	0.006	0.006	0.033	0.045	ΣSAR<1.6, Not required

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Bottom side WWAN + 5G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
10	Bottom side	WCDMA Band Ⅱ	0	0.011	0.111	0.098	0.220	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.012	0.111	0.098	0.221	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.016	0.111	0.098	0.225	ΣSAR<1.6, Not required
		LTE Band 2	0	0.007	0.111	0.098	0.216	ΣSAR<1.6, Not required
		LTE Band 4	0	0.007	0.111	0.098	0.216	ΣSAR<1.6, Not required
		LTE Band 5	0	0.014	0.111	0.098	0.223	ΣSAR<1.6, Not required
		LTE Band 7	0	0.006	0.111	0.098	0.215	ΣSAR<1.6, Not required
		LTE Band 12	0	0.011	0.111	0.098	0.220	ΣSAR<1.6, Not required
		LTE Band 13	0	0.011	0.111	0.098	0.220	ΣSAR<1.6, Not required
		LTE Band 14	0	0.010	0.111	0.098	0.219	ΣSAR<1.6, Not required
		LTE Band 17	0	0.011	0.111	0.098	0.220	ΣSAR<1.6, Not required
		LTE Band 25	0	0.005	0.111	0.098	0.214	ΣSAR<1.6, Not required
		LTE Band 26	0	0.014	0.111	0.098	0.223	ΣSAR<1.6, Not required
		LTE Band 30	0	0.009	0.111	0.098	0.218	ΣSAR<1.6, Not required
		LTE Band 38	0	0.005	0.111	0.098	0.214	ΣSAR<1.6, Not required
		LTE Band 41	0	0.370	0.111	0.098	0.579	ΣSAR<1.6, Not required
		LTE Band 66	0	0.006	0.111	0.098	0.215	ΣSAR<1.6, Not required

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Bottom side WWAN + 2.4G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
11	Bottom side	WCDMA Band Ⅱ	0	0.011	0.033	0.000	0.044	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.012	0.033	0.000	0.045	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.016	0.033	0.000	0.049	ΣSAR<1.6, Not required
		LTE Band 2	0	0.007	0.033	0.000	0.040	ΣSAR<1.6, Not required
		LTE Band 4	0	0.007	0.033	0.000	0.040	ΣSAR<1.6, Not required
		LTE Band 5	0	0.014	0.033	0.000	0.047	ΣSAR<1.6, Not required
		LTE Band 7	0	0.006	0.033	0.000	0.039	ΣSAR<1.6, Not required
		LTE Band 12	0	0.011	0.033	0.000	0.044	ΣSAR<1.6, Not required
		LTE Band 13	0	0.011	0.033	0.000	0.044	ΣSAR<1.6, Not required
		LTE Band 14	0	0.010	0.033	0.000	0.043	ΣSAR<1.6, Not required
		LTE Band 17	0	0.011	0.033	0.000	0.044	ΣSAR<1.6, Not required
		LTE Band 25	0	0.005	0.033	0.000	0.038	ΣSAR<1.6, Not required
		LTE Band 26	0	0.014	0.033	0.000	0.047	ΣSAR<1.6, Not required
		LTE Band 30	0	0.009	0.033	0.000	0.042	ΣSAR<1.6, Not required
		LTE Band 38	0	0.005	0.033	0.000	0.038	ΣSAR<1.6, Not required
		LTE Band 41	0	0.370	0.033	0.000	0.403	ΣSAR<1.6, Not required
		LTE Band 66	0	0.006	0.033	0.000	0.039	ΣSAR<1.6, Not required

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Bottom side WWAN + 5G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
12	Bottom side	WCDMA Band Ⅱ	0	0.011	0.098	0.000	0.109	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.012	0.098	0.000	0.110	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.016	0.098	0.000	0.114	ΣSAR<1.6, Not required
		LTE Band 2	0	0.007	0.098	0.000	0.105	ΣSAR<1.6, Not required
		LTE Band 4	0	0.007	0.098	0.000	0.105	ΣSAR<1.6, Not required
		LTE Band 5	0	0.014	0.098	0.000	0.112	ΣSAR<1.6, Not required
		LTE Band 7	0	0.006	0.098	0.000	0.104	ΣSAR<1.6, Not required
		LTE Band 12	0	0.011	0.098	0.000	0.109	ΣSAR<1.6, Not required
		LTE Band 13	0	0.011	0.098	0.000	0.109	ΣSAR<1.6, Not required
		LTE Band 14	0	0.010	0.098	0.000	0.108	ΣSAR<1.6, Not required
		LTE Band 17	0	0.011	0.098	0.000	0.109	ΣSAR<1.6, Not required
		LTE Band 25	0	0.005	0.098	0.000	0.103	ΣSAR<1.6, Not required
		LTE Band 26	0	0.014	0.098	0.000	0.112	ΣSAR<1.6, Not required
		LTE Band 30	0	0.009	0.098	0.000	0.107	ΣSAR<1.6, Not required
		LTE Band 38	0	0.005	0.098	0.000	0.103	ΣSAR<1.6, Not required
		LTE Band 41	0	0.370	0.098	0.000	0.468	ΣSAR<1.6, Not required
		LTE Band 66	0	0.006	0.098	0.000	0.104	ΣSAR<1.6, Not required

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Right side WWAN + 2.4G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
13	Right side	WCDMA Band Ⅱ	0	0.738	0.133	0.033	0.904	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.779	0.133	0.033	0.945	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.450	0.133	0.033	0.616	ΣSAR<1.6, Not required
		LTE Band 2	0	0.788	0.133	0.033	0.954	ΣSAR<1.6, Not required
		LTE Band 4	0	0.821	0.133	0.033	0.987	ΣSAR<1.6, Not required
		LTE Band 5	0	0.503	0.133	0.033	0.669	ΣSAR<1.6, Not required
		LTE Band 7	0	0.590	0.133	0.033	0.756	ΣSAR<1.6, Not required
		LTE Band 12	0	0.238	0.133	0.033	0.404	ΣSAR<1.6, Not required
		LTE Band 13	0	0.305	0.133	0.033	0.471	ΣSAR<1.6, Not required
		LTE Band 14	0	0.329	0.133	0.033	0.495	ΣSAR<1.6, Not required
		LTE Band 17	0	0.262	0.133	0.033	0.428	ΣSAR<1.6, Not required
		LTE Band 25	0	0.747	0.133	0.033	0.913	ΣSAR<1.6, Not required
		LTE Band 26	0	0.451	0.133	0.033	0.617	ΣSAR<1.6, Not required
		LTE Band 30	0	0.685	0.133	0.033	0.851	ΣSAR<1.6, Not required
		LTE Band 38	0	0.558	0.133	0.033	0.724	ΣSAR<1.6, Not required
		LTE Band 41	0	0.369	0.133	0.033	0.535	ΣSAR<1.6, Not required
		LTE Band 66	0	0.878	0.133	0.033	1.044	ΣSAR<1.6, Not required

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Right side WWAN + 5G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
14	Right side	WCDMA Band Ⅱ	0	0.738	0.098	0.088	0.924	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.779	0.098	0.088	0.965	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.450	0.098	0.088	0.636	ΣSAR<1.6, Not required
		LTE Band 2	0	0.788	0.098	0.088	0.974	ΣSAR<1.6, Not required
		LTE Band 4	0	0.821	0.098	0.088	1.007	ΣSAR<1.6, Not required
		LTE Band 5	0	0.503	0.098	0.088	0.689	ΣSAR<1.6, Not required
		LTE Band 7	0	0.590	0.098	0.088	0.776	ΣSAR<1.6, Not required
		LTE Band 12	0	0.238	0.098	0.088	0.424	ΣSAR<1.6, Not required
		LTE Band 13	0	0.305	0.098	0.088	0.491	ΣSAR<1.6, Not required
		LTE Band 14	0	0.329	0.098	0.088	0.515	ΣSAR<1.6, Not required
		LTE Band 17	0	0.262	0.098	0.088	0.448	ΣSAR<1.6, Not required
		LTE Band 25	0	0.747	0.098	0.088	0.933	ΣSAR<1.6, Not required
		LTE Band 26	0	0.451	0.098	0.088	0.637	ΣSAR<1.6, Not required
		LTE Band 30	0	0.685	0.098	0.088	0.871	ΣSAR<1.6, Not required
		LTE Band 38	0	0.558	0.098	0.088	0.744	ΣSAR<1.6, Not required
		LTE Band 41	0	0.369	0.098	0.088	0.555	ΣSAR<1.6, Not required
		LTE Band 66	0	0.878	0.098	0.088	1.064	ΣSAR<1.6, Not required

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Right side WWAN + 2.4G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
15	Right side	WCDMA Band Ⅱ	0	0.738	0.033	0.003	0.774	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.779	0.033	0.003	0.815	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.450	0.033	0.003	0.486	ΣSAR<1.6, Not required
		LTE Band 2	0	0.788	0.033	0.003	0.824	ΣSAR<1.6, Not required
		LTE Band 4	0	0.821	0.033	0.003	0.857	ΣSAR<1.6, Not required
		LTE Band 5	0	0.503	0.033	0.003	0.539	ΣSAR<1.6, Not required
		LTE Band 7	0	0.590	0.033	0.003	0.626	ΣSAR<1.6, Not required
		LTE Band 12	0	0.238	0.033	0.003	0.274	ΣSAR<1.6, Not required
		LTE Band 13	0	0.305	0.033	0.003	0.341	ΣSAR<1.6, Not required
		LTE Band 14	0	0.329	0.033	0.003	0.365	ΣSAR<1.6, Not required
		LTE Band 17	0	0.262	0.033	0.003	0.298	ΣSAR<1.6, Not required
		LTE Band 25	0	0.747	0.033	0.003	0.783	ΣSAR<1.6, Not required
		LTE Band 26	0	0.451	0.033	0.003	0.487	ΣSAR<1.6, Not required
		LTE Band 30	0	0.685	0.033	0.003	0.721	ΣSAR<1.6, Not required
		LTE Band 38	0	0.558	0.033	0.003	0.594	ΣSAR<1.6, Not required
		LTE Band 41	0	0.369	0.033	0.003	0.405	ΣSAR<1.6, Not required
		LTE Band 66	0	0.878	0.033	0.003	0.914	ΣSAR<1.6, Not required

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Right side WWAN + 5G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
16	Right side	WCDMA Band Ⅱ	0	0.738	0.088	0.003	0.829	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.779	0.088	0.003	0.870	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.450	0.088	0.003	0.541	ΣSAR<1.6, Not required
		LTE Band 2	0	0.788	0.088	0.003	0.879	ΣSAR<1.6, Not required
		LTE Band 4	0	0.821	0.088	0.003	0.912	ΣSAR<1.6, Not required
		LTE Band 5	0	0.503	0.088	0.003	0.594	ΣSAR<1.6, Not required
		LTE Band 7	0	0.590	0.088	0.003	0.681	ΣSAR<1.6, Not required
		LTE Band 12	0	0.238	0.088	0.003	0.329	ΣSAR<1.6, Not required
		LTE Band 13	0	0.305	0.088	0.003	0.396	ΣSAR<1.6, Not required
		LTE Band 14	0	0.329	0.088	0.003	0.420	ΣSAR<1.6, Not required
		LTE Band 17	0	0.262	0.088	0.003	0.353	ΣSAR<1.6, Not required
		LTE Band 25	0	0.747	0.088	0.003	0.838	ΣSAR<1.6, Not required
		LTE Band 26	0	0.451	0.088	0.003	0.542	ΣSAR<1.6, Not required
		LTE Band 30	0	0.685	0.088	0.003	0.776	ΣSAR<1.6, Not required
		LTE Band 38	0	0.558	0.088	0.003	0.649	ΣSAR<1.6, Not required
		LTE Band 41	0	0.369	0.088	0.003	0.460	ΣSAR<1.6, Not required
		LTE Band 66	0	0.878	0.088	0.003	0.969	ΣSAR<1.6, Not required

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Left side WWAN + 2.4G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
17	Left side	WCDMA Band Ⅱ	0	0.002	0.064	0.007	0.073	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.002	0.064	0.007	0.073	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.011	0.064	0.007	0.082	ΣSAR<1.6, Not required
		LTE Band 2	0	0.003	0.064	0.007	0.074	ΣSAR<1.6, Not required
		LTE Band 4	0	0.002	0.064	0.007	0.073	ΣSAR<1.6, Not required
		LTE Band 5	0	0.016	0.064	0.007	0.087	ΣSAR<1.6, Not required
		LTE Band 7	0	0.076	0.064	0.007	0.147	ΣSAR<1.6, Not required
		LTE Band 12	0	0.013	0.064	0.007	0.084	ΣSAR<1.6, Not required
		LTE Band 13	0	0.012	0.064	0.007	0.083	ΣSAR<1.6, Not required
		LTE Band 14	0	0.013	0.064	0.007	0.084	ΣSAR<1.6, Not required
		LTE Band 17	0	0.013	0.064	0.007	0.084	ΣSAR<1.6, Not required
		LTE Band 25	0	0.001	0.064	0.007	0.072	ΣSAR<1.6, Not required
		LTE Band 26	0	0.015	0.064	0.007	0.086	ΣSAR<1.6, Not required
		LTE Band 30	0	0.021	0.064	0.007	0.092	ΣSAR<1.6, Not required
		LTE Band 38	0	0.061	0.064	0.007	0.132	ΣSAR<1.6, Not required
		LTE Band 41	0	0.042	0.064	0.007	0.113	ΣSAR<1.6, Not required
		LTE Band 66	0	0.002	0.064	0.007	0.073	ΣSAR<1.6, Not required

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Left side WWAN + 5G WLAN MIMO

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Main	Max. WLAN Aux	SAR Sum	SPLSR
18	Left side	WCDMA Band Ⅱ	0	0.002	0.054	0.036	0.092	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.002	0.054	0.036	0.092	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.011	0.054	0.036	0.101	ΣSAR<1.6, Not required
		LTE Band 2	0	0.003	0.054	0.036	0.093	ΣSAR<1.6, Not required
		LTE Band 4	0	0.002	0.054	0.036	0.092	ΣSAR<1.6, Not required
		LTE Band 5	0	0.016	0.054	0.036	0.106	ΣSAR<1.6, Not required
		LTE Band 7	0	0.076	0.054	0.036	0.166	ΣSAR<1.6, Not required
		LTE Band 12	0	0.013	0.054	0.036	0.103	ΣSAR<1.6, Not required
		LTE Band 13	0	0.012	0.054	0.036	0.102	ΣSAR<1.6, Not required
		LTE Band 14	0	0.013	0.054	0.036	0.103	ΣSAR<1.6, Not required
		LTE Band 17	0	0.013	0.054	0.036	0.103	ΣSAR<1.6, Not required
		LTE Band 25	0	0.001	0.054	0.036	0.091	ΣSAR<1.6, Not required
		LTE Band 26	0	0.015	0.054	0.036	0.105	ΣSAR<1.6, Not required
		LTE Band 30	0	0.021	0.054	0.036	0.111	ΣSAR<1.6, Not required
		LTE Band 38	0	0.061	0.054	0.036	0.151	ΣSAR<1.6, Not required
		LTE Band 41	0	0.042	0.054	0.036	0.132	ΣSAR<1.6, Not required
		LTE Band 66	0	0.002	0.054	0.036	0.092	ΣSAR<1.6, Not required

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Left side WWAN + 2.4G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
19	Left side	WCDMA Band Ⅱ	0	0.002	0.007	0.001	0.010	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.002	0.007	0.001	0.010	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.011	0.007	0.001	0.019	ΣSAR<1.6, Not required
		LTE Band 2	0	0.003	0.007	0.001	0.011	ΣSAR<1.6, Not required
		LTE Band 4	0	0.002	0.007	0.001	0.010	ΣSAR<1.6, Not required
		LTE Band 5	0	0.016	0.007	0.001	0.024	ΣSAR<1.6, Not required
		LTE Band 7	0	0.076	0.007	0.001	0.084	ΣSAR<1.6, Not required
		LTE Band 12	0	0.013	0.007	0.001	0.021	ΣSAR<1.6, Not required
		LTE Band 13	0	0.012	0.007	0.001	0.020	ΣSAR<1.6, Not required
		LTE Band 14	0	0.013	0.007	0.001	0.021	ΣSAR<1.6, Not required
		LTE Band 17	0	0.013	0.007	0.001	0.021	ΣSAR<1.6, Not required
		LTE Band 25	0	0.001	0.007	0.001	0.009	ΣSAR<1.6, Not required
		LTE Band 26	0	0.015	0.007	0.001	0.023	ΣSAR<1.6, Not required
		LTE Band 30	0	0.021	0.007	0.001	0.029	ΣSAR<1.6, Not required
		LTE Band 38	0	0.061	0.007	0.001	0.069	ΣSAR<1.6, Not required
		LTE Band 41	0	0.042	0.007	0.001	0.050	ΣSAR<1.6, Not required
		LTE Band 66	0	0.002	0.007	0.001	0.010	ΣSAR<1.6, Not required

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Left side WWAN + 5G WLAN Aux + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN Aux	BT	SAR Sum	SPLSR
20	Left side	WCDMA Band Ⅱ	0	0.002	0.036	0.001	0.039	ΣSAR<1.6, Not required
		WCDMA Band Ⅳ	0	0.002	0.036	0.001	0.039	ΣSAR<1.6, Not required
		WCDMA Band Ⅴ	0	0.011	0.036	0.001	0.048	ΣSAR<1.6, Not required
		LTE Band 2	0	0.003	0.036	0.001	0.040	ΣSAR<1.6, Not required
		LTE Band 4	0	0.002	0.036	0.001	0.039	ΣSAR<1.6, Not required
		LTE Band 5	0	0.016	0.036	0.001	0.053	ΣSAR<1.6, Not required
		LTE Band 7	0	0.076	0.036	0.001	0.113	ΣSAR<1.6, Not required
		LTE Band 12	0	0.013	0.036	0.001	0.050	ΣSAR<1.6, Not required
		LTE Band 13	0	0.012	0.036	0.001	0.049	ΣSAR<1.6, Not required
		LTE Band 14	0	0.013	0.036	0.001	0.050	ΣSAR<1.6, Not required
		LTE Band 17	0	0.013	0.036	0.001	0.050	ΣSAR<1.6, Not required
		LTE Band 25	0	0.001	0.036	0.001	0.038	ΣSAR<1.6, Not required
		LTE Band 26	0	0.015	0.036	0.001	0.052	ΣSAR<1.6, Not required
		LTE Band 30	0	0.021	0.036	0.001	0.058	ΣSAR<1.6, Not required
		LTE Band 38	0	0.061	0.036	0.001	0.098	ΣSAR<1.6, Not required
		LTE Band 41	0	0.042	0.036	0.001	0.079	ΣSAR<1.6, Not required
		LTE Band 66	0	0.002	0.036	0.001	0.039	ΣSAR<1.6, Not required

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because either the sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is ≦ 0.04 fobvr all circumstances that require SPLSR calculation.

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4. Instruments List

Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Dosimetric E-Field Probe	EX3DV4	3938	Oct.24,2018	Oct.23,2019
SPEAG	System Validation Dipole	D750V3	1078	Jun.20,2018	Jun.19,2019
		D835V2	4d120	Jun.20,2018	Jun.19,2019
		D1750V2	1023	Jun.11,2018	Jun.10,2019
		D1900V2	5d173	Apr.25,2018	Apr.24,2019
		D2300V2	1023	Aug.24,2018	Aug.23,2019
		D2450V2	727	Apr.24,2018	Apr.23,2019
		D2600V2	1005	Jan.17,2018	Jan.16,2019
		D5GHzV2	1023	Jan.25,2018	Jan.24,2019
SPEAG	Data acquisition Electronics	DAE4	1336	Aug.06,2018	Aug.05,2019
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	Sep.08,2017	Sep.07,2018
Agilent	Dielectric Probe Kit	85070E	MY44300677	Calibration not required	Calibration not required
Agilent	Dual-directional coupler	772D	MY52180142	Jul.04,2018	Jul.03,2019
		778D	MY52180302	Jul.05,2018	Jul.04,2019
Agilent	RF Signal Generator	N5181A	MY50144143	Mar.15,2018	Mar.14,2019
Agilent	Power Meter	E4417A	MY52240003	Dec.21,2017	Dec.20,2018

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Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
Agilent	Power Sensor	E9301H	MY52200003	Dec.21,2017	Dec.20,2018
			MY52200004	Dec.21,2017	Dec.20,2018
TECPEL	Digital thermometer	DTM-303A	TP130075	Mar.09,2018	Mar.08,2019
Anritsu	Radio Communication Test	MT8820C	6201061014	Mar.14,2018	Mar.13,2019

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5. Measurements

Date: 2018/11/30

WCDMA Band II_Body_Right side_CH 9538_0mm

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

Medium parameters used: f = 1908 MHz; σ = 1.552 S/m; ε_r = 53.147; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.9°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.52, 7.52, 7.52); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x81x1): Interpolated grid: dx=15 mm, dy=15 mm

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

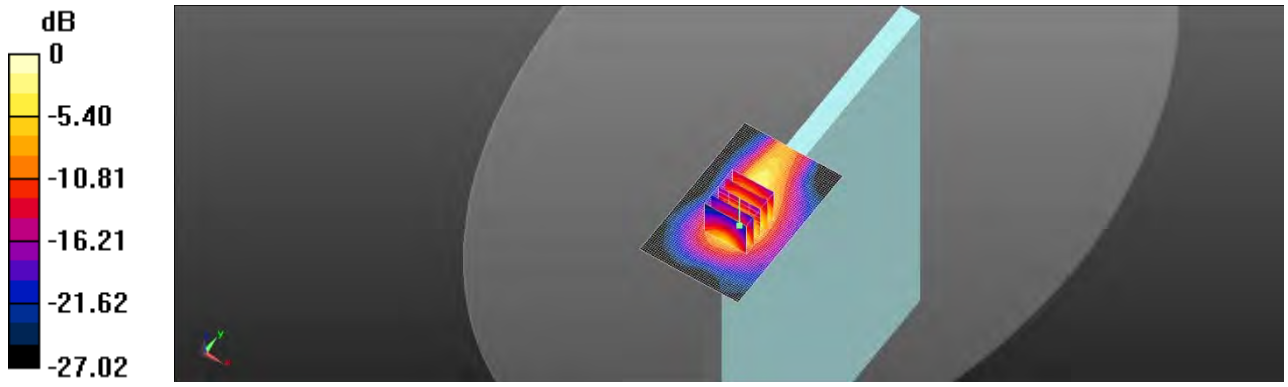
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.557 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.05 dBW/kg

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Date: 2018/11/29

WCDMA Band IV_Body_Right side_CH 1513_0mm

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

Medium parameters used: f = 1753 MHz; σ = 1.475 S/m; ε_r = 53.549; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.83, 7.83, 7.83); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

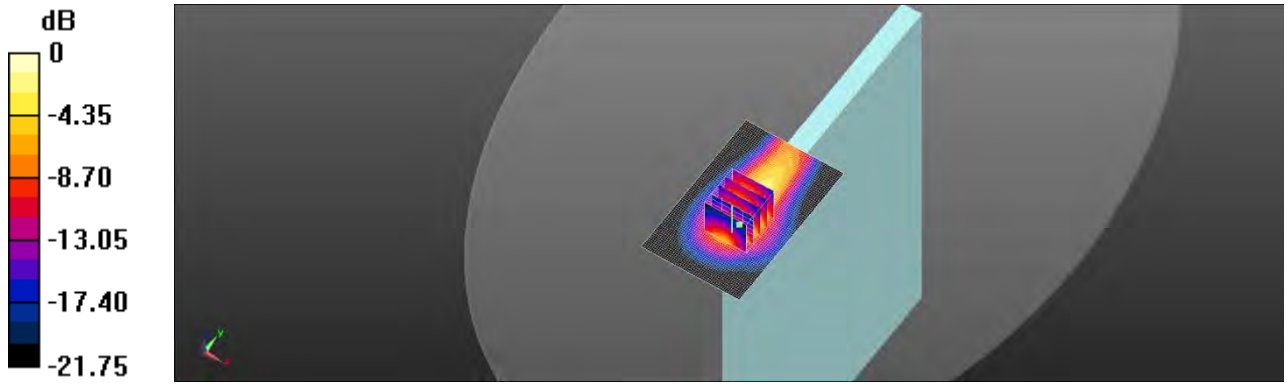
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.379 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

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Date: 2018/11/28

WCDMA Band V_Body_Top side_CH 4233_0mm

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

Medium parameters used: f = 847 MHz; σ = 1.021 S/m; ε_r = 54.969; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.56, 9.56, 9.56); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.695 W/kg

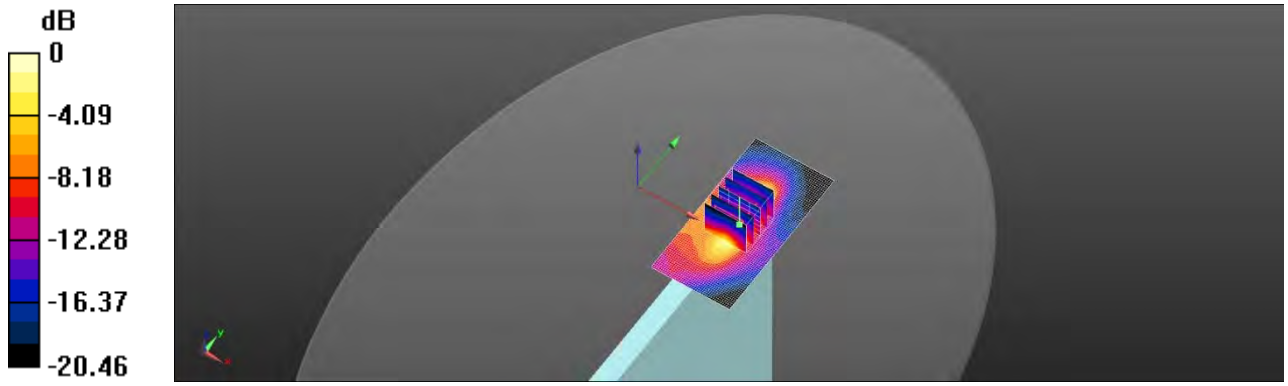
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.241 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.817 W/kg



0 dB = 0.817 W/kg = -0.88 dBW/kg

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Date: 2018/11/30

LTE Band 2 (20MHz)_Body_Right side_CH 18700_QPSK_100-0_0mm

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

Medium parameters used: f = 1860 MHz; σ = 1.54 S/m; ε_r = 53.268; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.9°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.52, 7.52, 7.52); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.984 W/kg

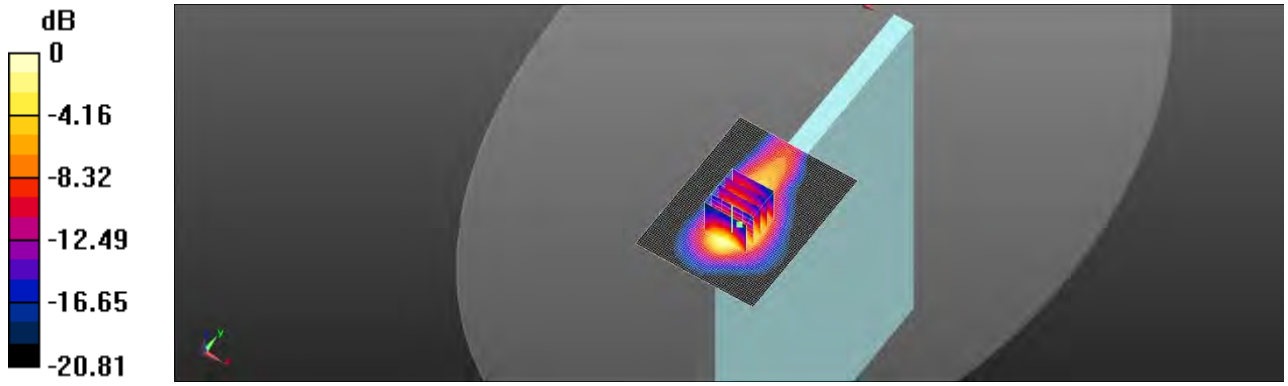
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.345 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 0.968 W/kg



0 dB = 0.968 W/kg = -0.14 dBW/kg

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Date: 2018/11/29

LTE Band 4 (20MHz)_Body_Right side_CH 20050_QPSK_100-0_0mm

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz; σ = 1.446 S/m; ε_r = 53.752; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.83, 7.83, 7.83); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

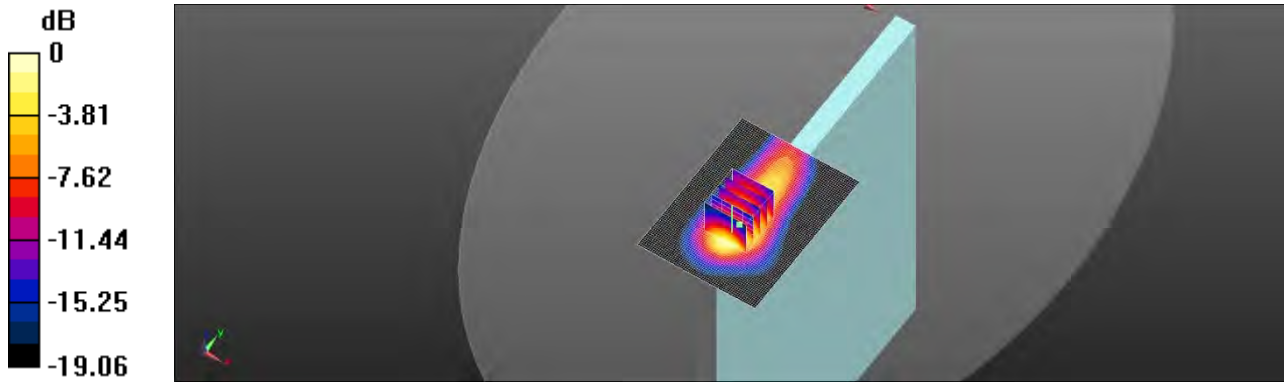
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.170 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960 W/kg = -0.18 dBW/kg

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Date: 2018/11/28

LTE Band 5 (10MHz)_Body_Top side_CH 20525_QPSK_1-49_0mm

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1.012 S/m; ε_r = 55.081; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.56, 9.56, 9.56); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.984 W/kg

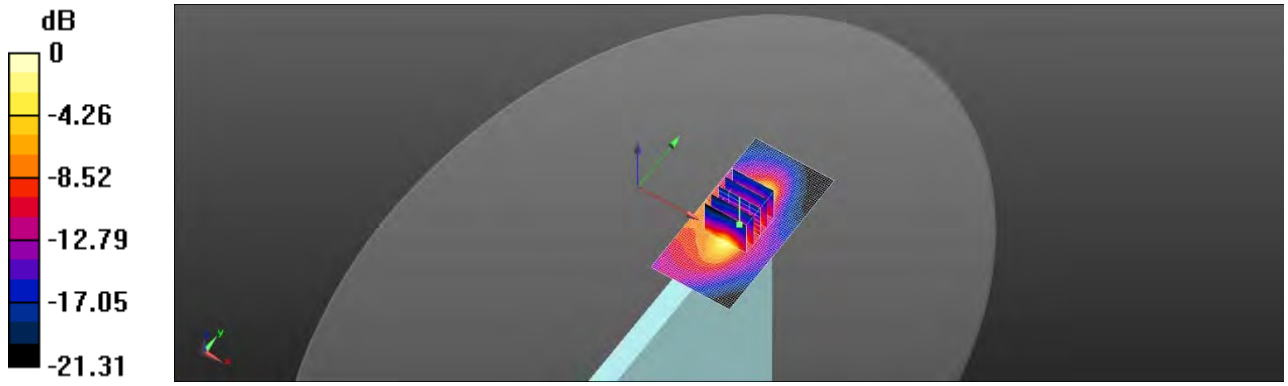
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.654 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

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Date: 2018/12/3

LTE Band 7 (20MHz)_Body_Top side_CH 20850_QPSK_50-0_0mm

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2510 MHz; σ = 2.093 S/m; ε_r = 52.351; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.15, 7.15, 7.15); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

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

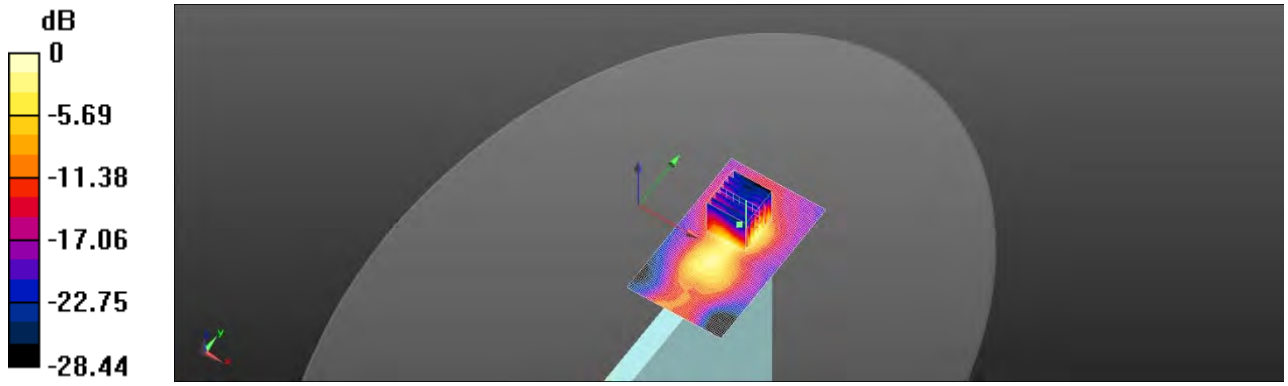
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.351 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.254 W/kg

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



0 dB = 1.16 W/kg = 0.64 dBW/kg

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Date: 2018/11/27

LTE Band 12 (10MHz)_Body_Top side_CH 23060_QPSK_1-49_0mm

Communication System: LTE; Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used: f = 704 MHz; σ = 0.932 S/m; ε_r = 56.24; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.614 W/kg

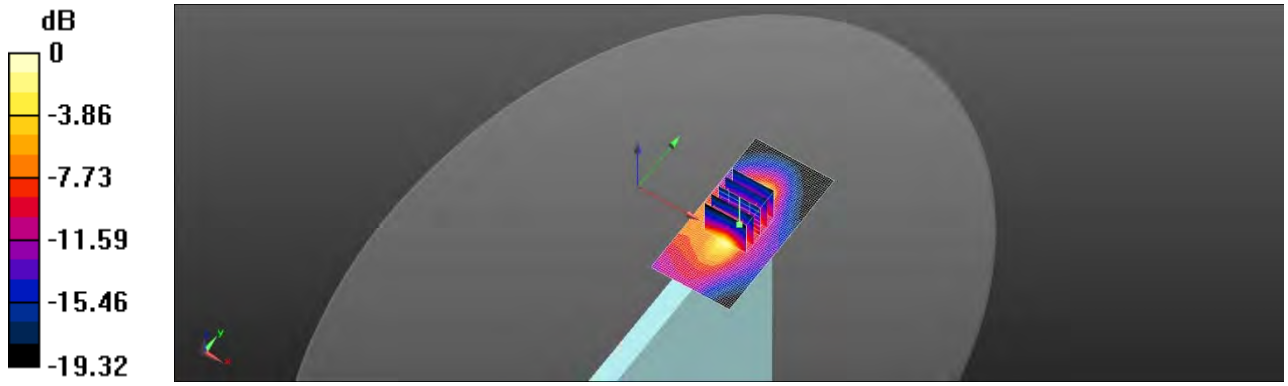
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.375 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg = -1.37 dBW/kg

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Date: 2018/11/27

LTE Band 13 (10MHz)_Body_Top side_CH 23230_QPSK_25-25_0mm

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

Medium parameters used: f = 782 MHz; σ = 0.976 S/m; ε_r = 55.53; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.607 W/kg

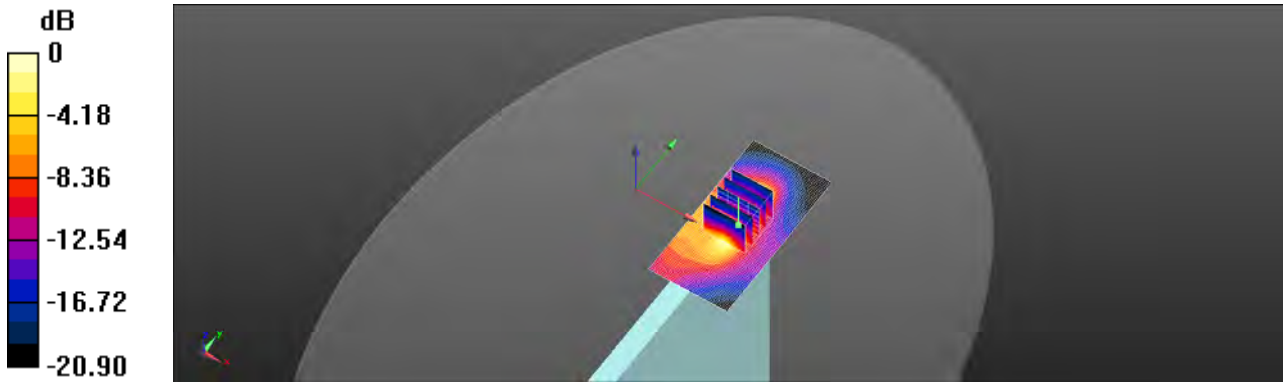
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.892 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.723 W/kg



0 dB = 0.723 W/kg = -1.41 dBW/kg

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Date: 2018/11/27

LTE Band 14 (10MHz)_Body_Top side_CH 23330_QPSK_25-12_0mm

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

Medium parameters used: f = 793 MHz; σ = 0.983 S/m; ε_r = 55.491; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.590 W/kg

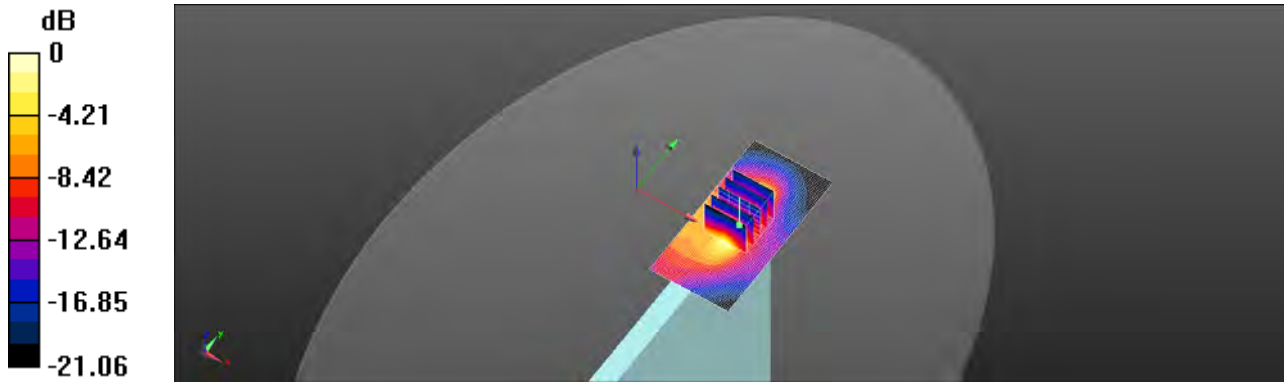
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.829 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg = -1.49 dBW/kg

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Date: 2018/11/27

LTE Band 17 (10MHz)_Body_Top side_CH 23800_QPSK_50-0_0mm

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

Medium parameters used: f = 711 MHz; σ = 0.938 S/m; ε_r = 56.174; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.625 W/kg

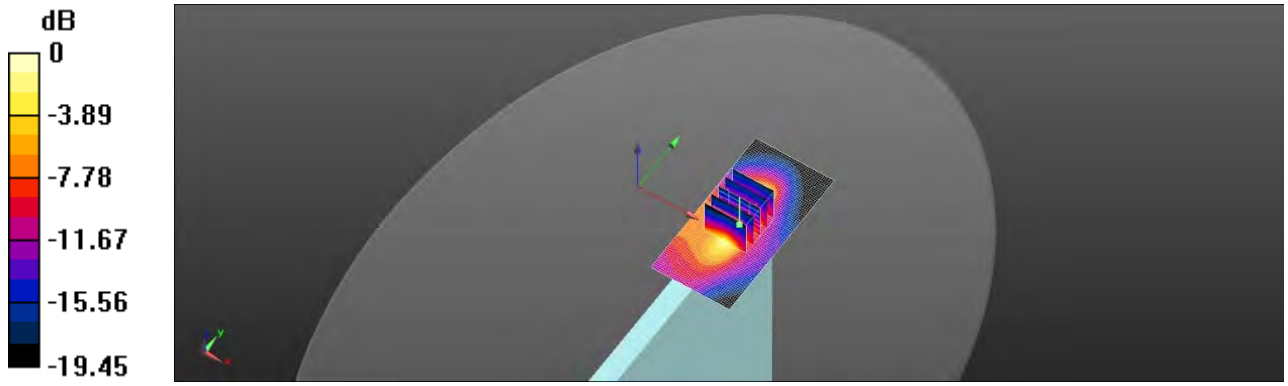
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.386 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.747 W/kg = -1.27 dBW/kg

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Date: 2018/11/30

LTE Band 25 (20MHz)_Body_Right side_CH 26140_QPSK_50-0_0mm

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

Medium parameters used: f = 1860 MHz; σ = 1.54 S/m; ε_r = 53.268; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.9°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.52, 7.52, 7.52); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.986 W/kg

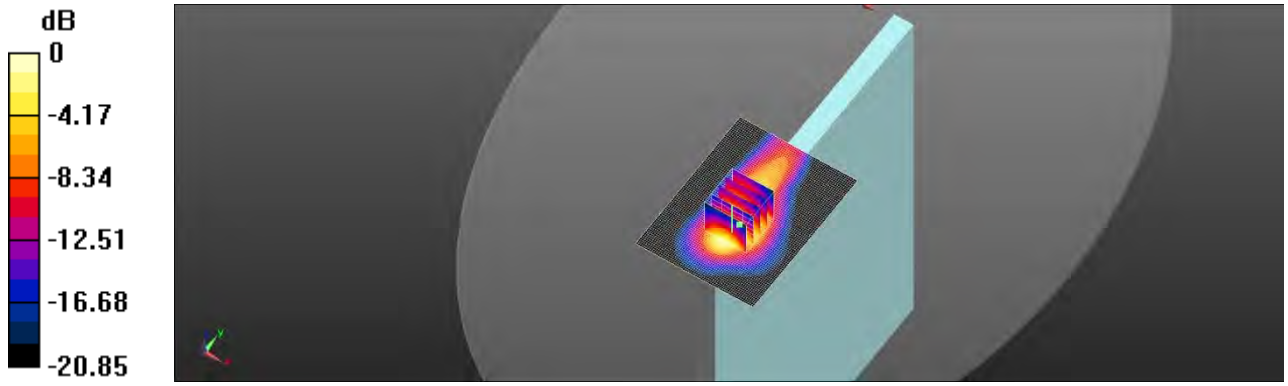
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.390 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.391 W/kg

Maximum value of SAR (measured) = 0.977 W/kg



0 dB = 0.977 W/kg = -0.10 dBW/kg

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Date: 2018/11/28

LTE Band 26 (15MHz)_Body_Top side_CH 26965_QPSK_36-18_0mm

Communication System: LTE; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 841.5 MHz; σ = 1.017 S/m; ε_r = 54.985; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.56, 9.56, 9.56); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

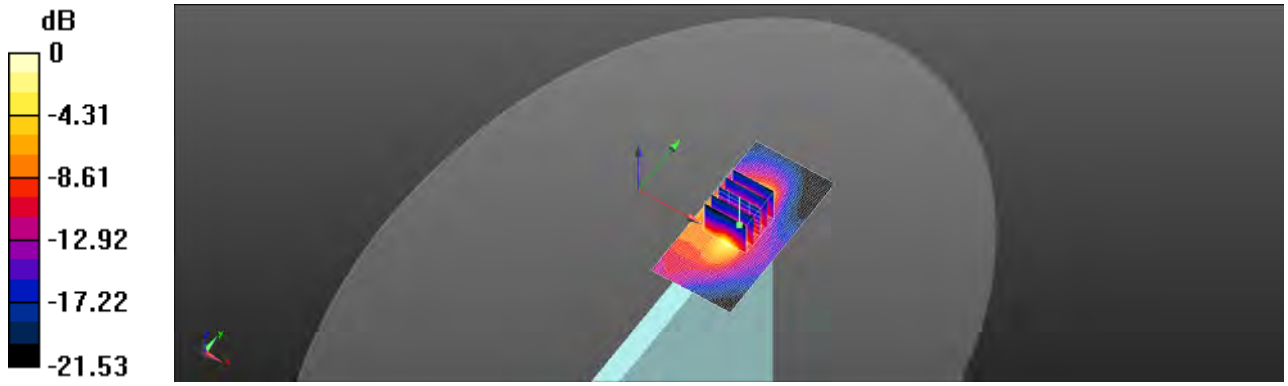
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.620 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.19 dBW/kg

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Date: 2018/12/1

LTE Band 30 (10MHz)_Body_Top side_CH 27710_QPSK_50-0_0mm

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2310 MHz; σ = 1.829 S/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.33, 7.33, 7.33); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

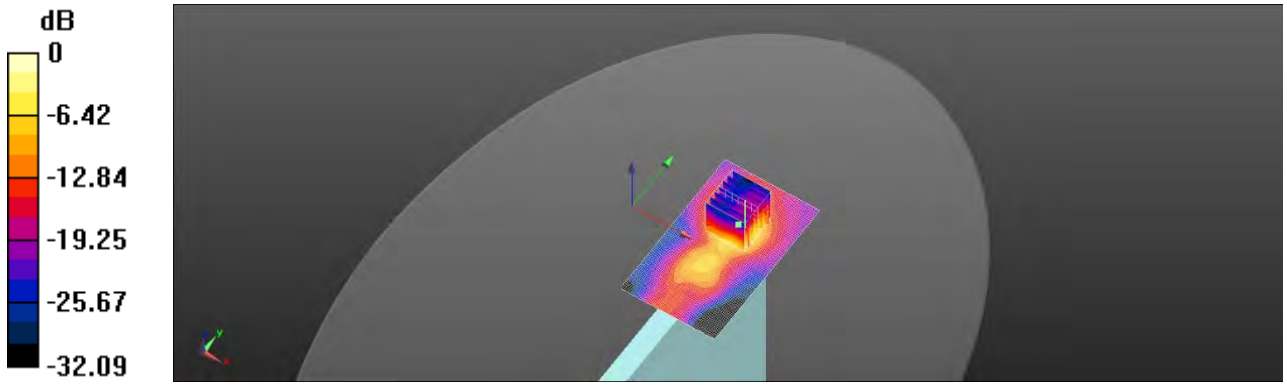
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.83 dBW/kg

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Date: 2018/12/3

LTE Band 38 (20MHz)_Body_Right side_CH 38150_QPSK_1-99_0mm

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

Medium parameters used: f = 2610 MHz; σ = 2.226 S/m; ε_r = 51.913; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.15, 7.15, 7.15); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.916 W/kg

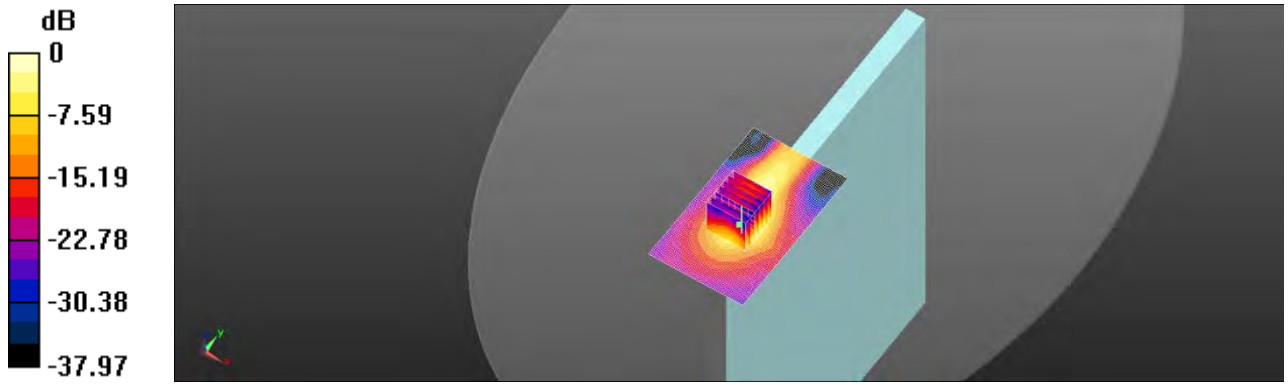
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.567 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.892 W/kg



0 dB = 0.892 W/kg = -0.49 dBW/kg

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Date: 2018/12/3

LTE Band 41 (20MHz)_Body_Top side_CH 41490_QPSK_50-0_0mm

Communication System: LTE; Frequency: 2687.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2687.5 MHz; σ = 2.331 S/m; ε_r = 51.573; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.15, 7.15, 7.15); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.835 W/kg

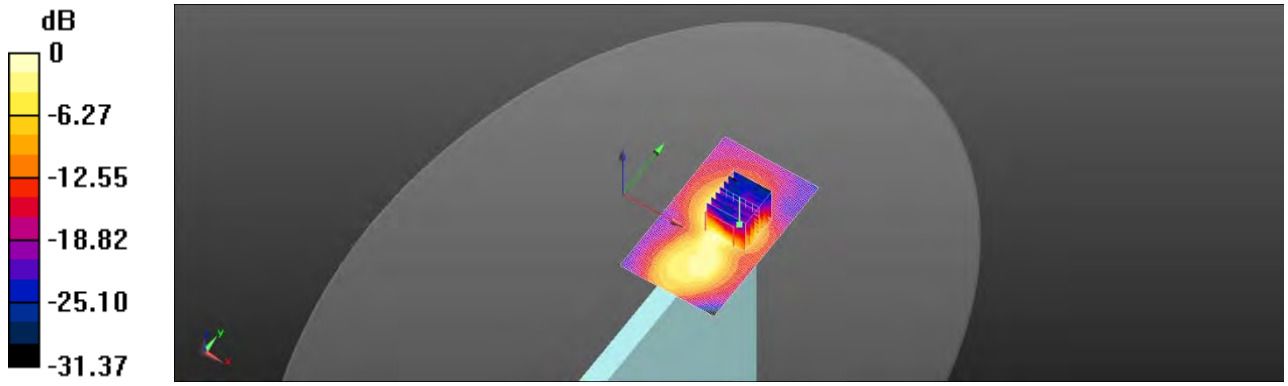
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.897 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.72 dBW/kg

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Date: 2018/11/29

LTE Band 66 (20MHz)_Body_Right side_CH 132572_QPSK_100-0_0mm

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

Medium parameters used: f = 1770 MHz; σ = 1.493 S/m; ε_r = 53.528; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.83, 7.83, 7.83); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

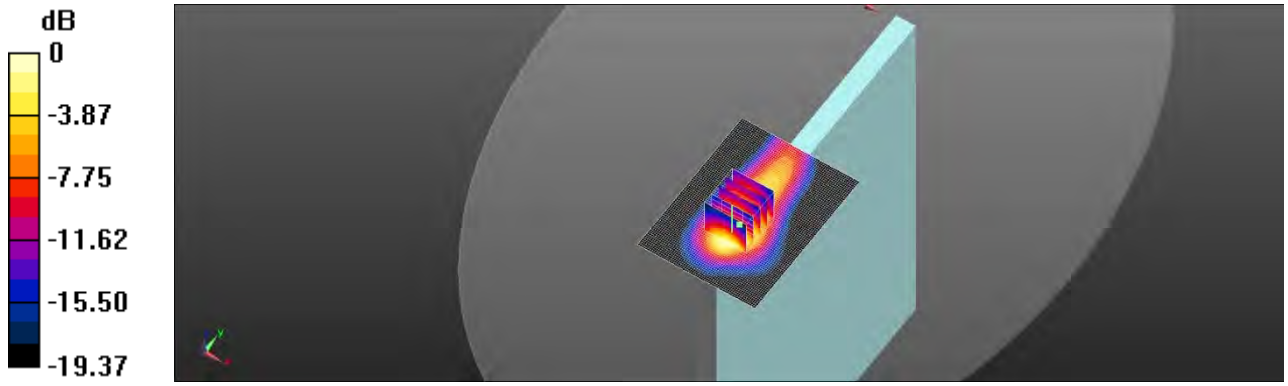
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.856 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.444 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.24 dBW/kg

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Date: 2018/12/2

WLAN 802.11b_Body_Top side_CH 6_Main_0mm

Communication System: WLAN 2.45G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.993 S/m; ε_r = 52.607; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

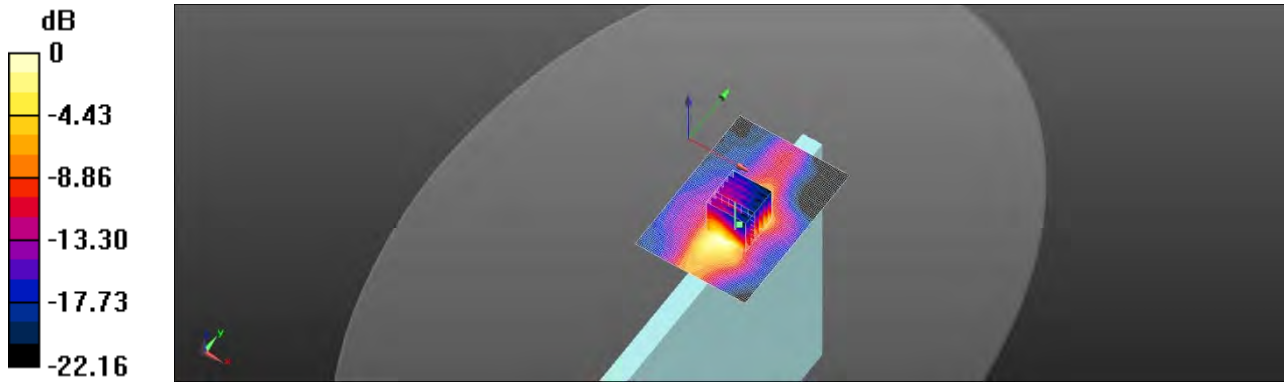
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.765 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.906 W/kg



0 dB = 0.906 W/kg = -0.43 dBW/kg

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Date: 2018/12/2

Bluetooth(GFSK)_Body_Top side_CH 78_0mm_Main

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2480 MHz; σ = 2.055 S/m; ε_r = 52.457; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0295 W/kg

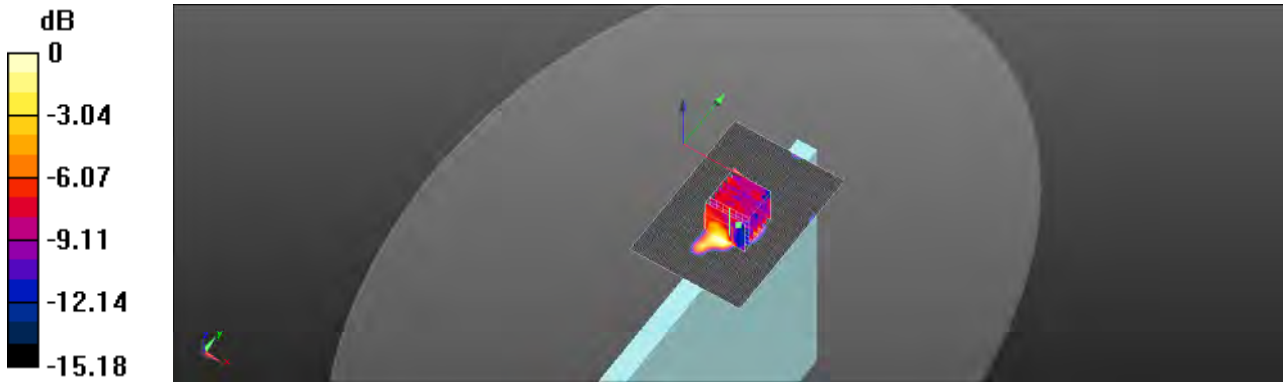
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.0074 W/kg

Maximum value of SAR (measured) = 0.0214 W/kg



0 dB = 0.0214 W/kg = -16.70 dBW/kg

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Date: 2018/12/4

WLAN 802.11ac(80M) 5.2G_Body_Top side_CH 42_Main_0mm

Communication System: WLAN 5G; Frequency: 5210 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5210 MHz; σ = 5.109 S/m; ε_r = 46.92; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4.23, 4.23, 4.23); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

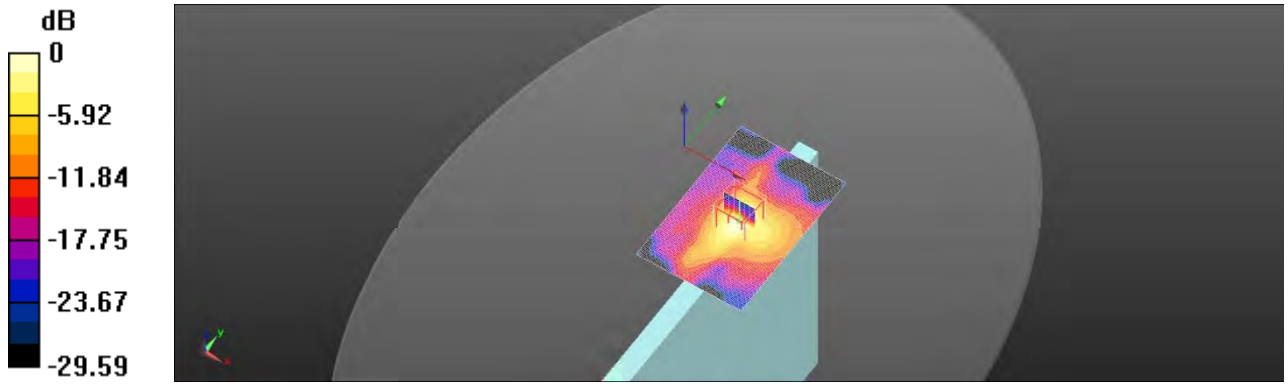
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.9860 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.220 W/kg

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



0 dB = 1.53 W/kg = 1.86 dBW/kg

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Date: 2018/12/5

WLAN 802.11n(40M) 5.3G_Body_Top side_CH 62_0mm_Main

Communication System: WLAN 5G; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5310 MHz; σ = 5.516 S/m; ε_r = 46.865; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4.23, 4.23, 4.23); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

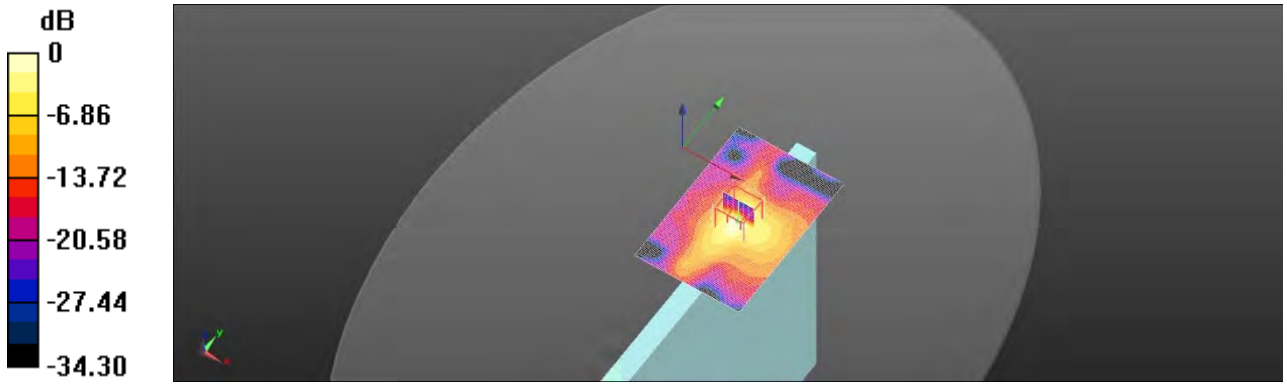
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.06 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

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Date: 2018/12/6

WLAN 802.11ac(80M) 5.6G_Body_Top side_CH 106_0mm_Main

Communication System: WLAN 5G; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5530 MHz; σ = 5.735 S/m; ε_r = 46.498; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(3.77, 3.77, 3.77); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

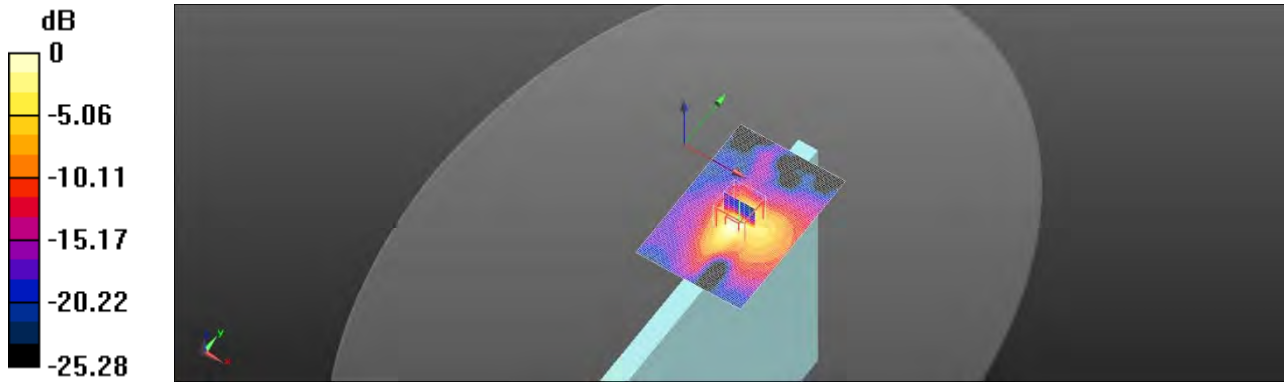
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.4050 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.84 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.40 dBW/kg

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Date: 2018/12/7

WLAN 802.11ac(80M) 5.8G_Body_Top side_CH 155_0mm_Main

Communication System: WLAN 5G; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5775 MHz; σ = 5.878 S/m; ε_r = 46.085; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4, 4, 4); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (81x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.46 W/kg

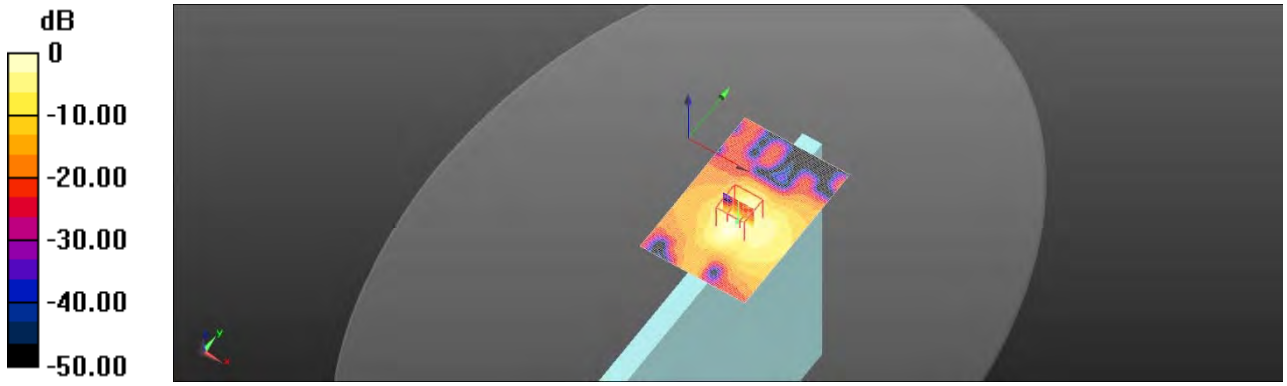
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.3880 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.217 W/kg

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



0 dB = 1.49 W/kg = 1.74 dBW/kg

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Date: 2018/12/2

WLAN 802.11b_Body_Top side_CH 1_Aux_0mm

Communication System: WLAN 2.45G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2412 MHz; σ = 1.963 S/m; ε_r = 52.714; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

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

Reference Value = 4.752 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 0.877 W/kg

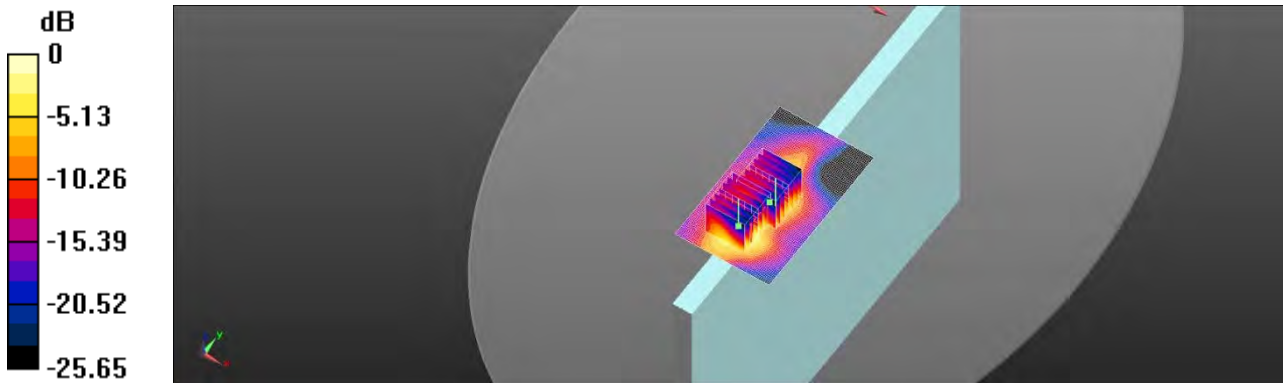
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.752 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.726 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

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Date: 2018/12/4

WLAN 802.11n(40M) 5.2G_Body_Top side_CH 38_Aux_0mm

Communication System: WLAN 5G; Frequency: 5190 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5190 MHz; σ = 5.206 S/m; ε_r = 46.906; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4.23, 4.23, 4.23); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.94 W/kg

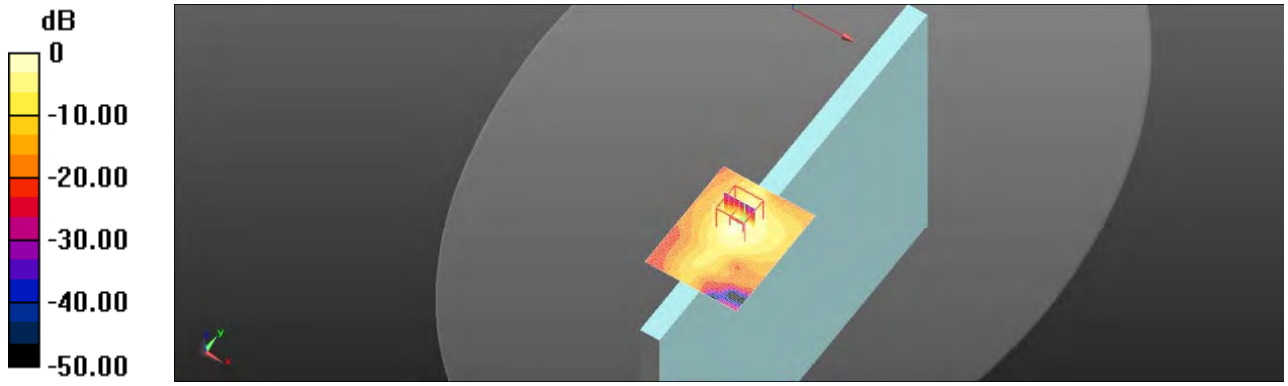
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.574 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 5.14 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



0 dB = 2.33 W/kg = 3.67 dBW/kg

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Date: 2018/12/5

WLAN 802.11a 5.3G_Body_Top side_CH 60_Aux_0mm

Communication System: WLAN 5G; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5300 MHz; σ = 5.451 S/m; ε_r = 47.072; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4.23, 4.23, 4.23); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 2.23 W/kg

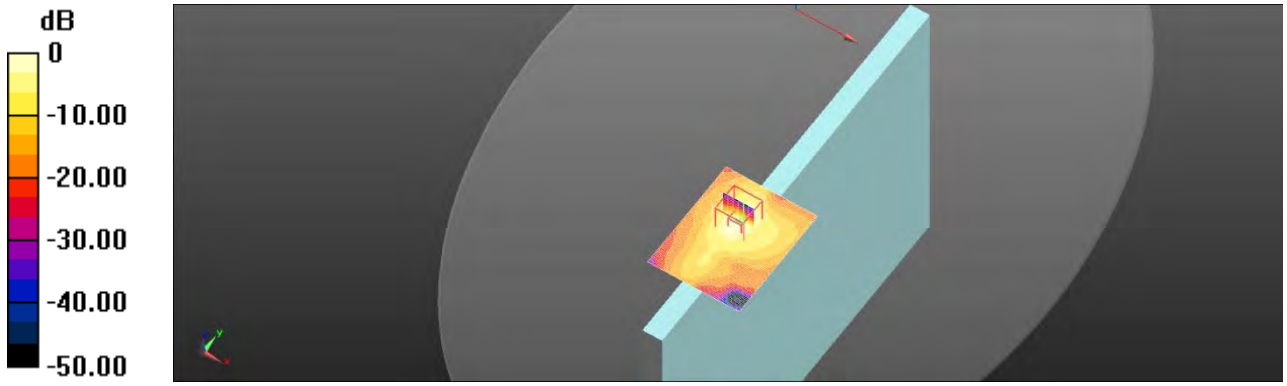
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.40 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 2.41 W/kg



0 dB = 2.41 W/kg = 3.82 dBW/kg

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Date: 2018/12/5

WLAN 802.11n(40M) 5.3G_Body_Top side_CH 54_Aux_0mm

Communication System: WLAN 5G; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5270 MHz; σ = 5.503 S/m; ε_r = 46.805; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4.23, 4.23, 4.23); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 2.01 W/kg

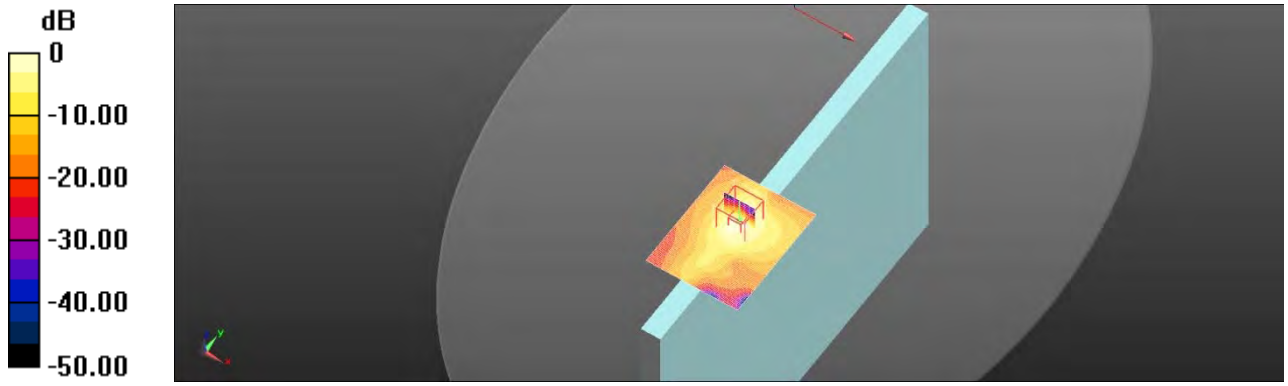
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.510 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.52 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.30 W/kg = 3.62 dBW/kg

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Date: 2018/12/6

WLAN 802.11ac(80M) 5.6G_Body_Top side_CH 106_Aux_0mm

Communication System: WLAN 5G; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5530 MHz; σ = 5.735 S/m; ε_r = 46.498; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(3.77, 3.77, 3.77); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

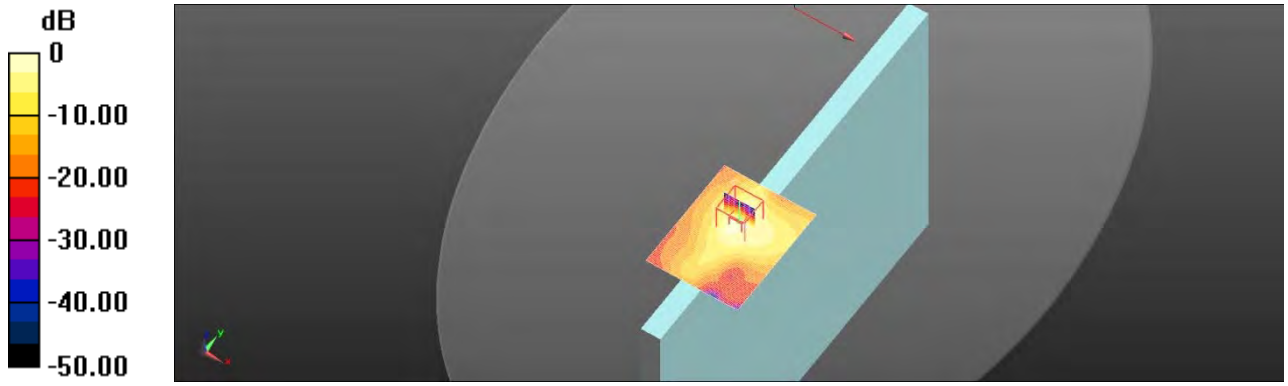
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.903 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.34 W/kg

SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

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Date: 2018/12/7

WLAN 802.11n(40M) 5.8G_Body_Top side_CH 151_Aux_0mm

Communication System: WLAN 5G; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5755 MHz; σ = 5.881 S/m; ε_r = 46.185; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4, 4, 4); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.76 W/kg

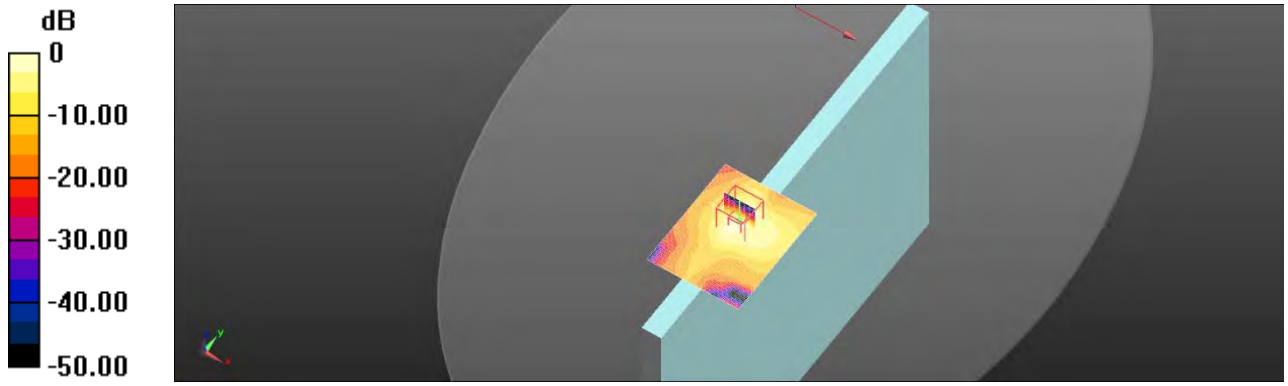
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.140 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.32 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.17 dBW/kg

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6. SAR System Performance Verification

Date: 2018/11/27

Dipole 750 MHz_SN:1078

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

Medium parameters used: f = 750 MHz; σ = 0.961 S/m; ε_r = 55.835; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x141x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.40 W/kg

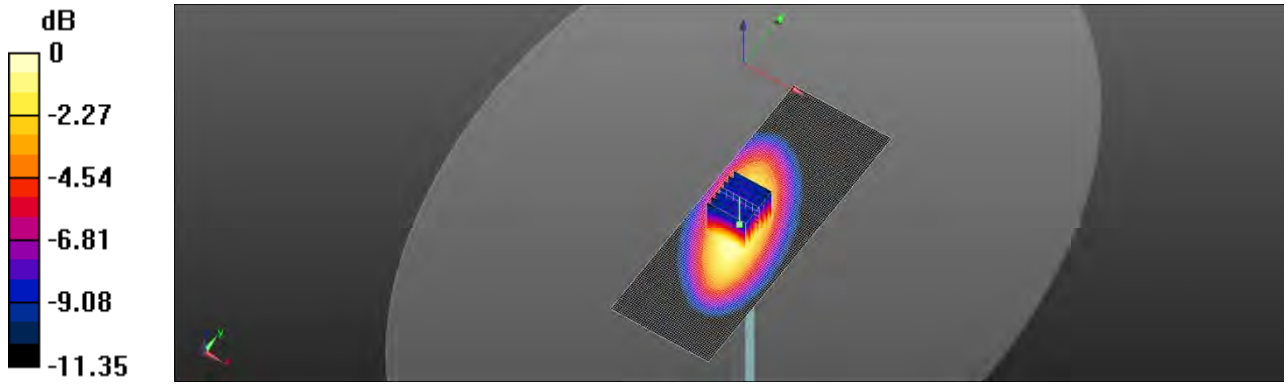
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.43 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.28 W/kg

Maximum value of SAR (measured) = 2.56 W/kg



0 dB = 2.56 W/kg = 4.08 dBW/kg

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Date: 2018/11/28

Dipole 835 MHz_SN:4d120

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

Medium parameters used: f = 835 MHz; σ = 1.013 S/m; ε_r = 55.054; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(9.56, 9.56, 9.56); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 3.15 W/kg

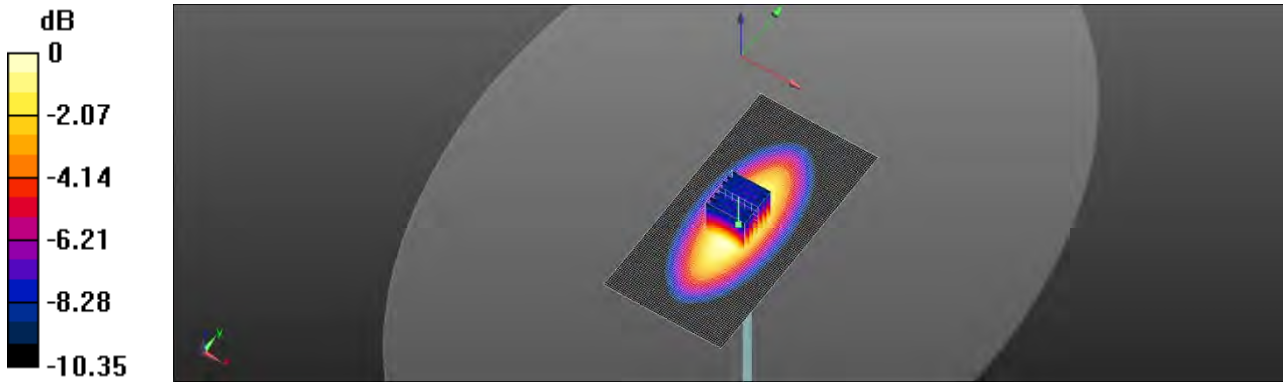
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.63 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.64 W/kg

Maximum value of SAR (measured) = 3.14 W/kg



0 dB = 3.14 W/kg = 4.97 dBW/kg

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Date: 2018/11/29

Dipole 1750 MHz_SN:1023

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

Medium parameters used: f = 1750 MHz; σ = 1.477 S/m; ε_r = 53.556; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.83, 7.83, 7.83); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x71x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 13.7 W/kg

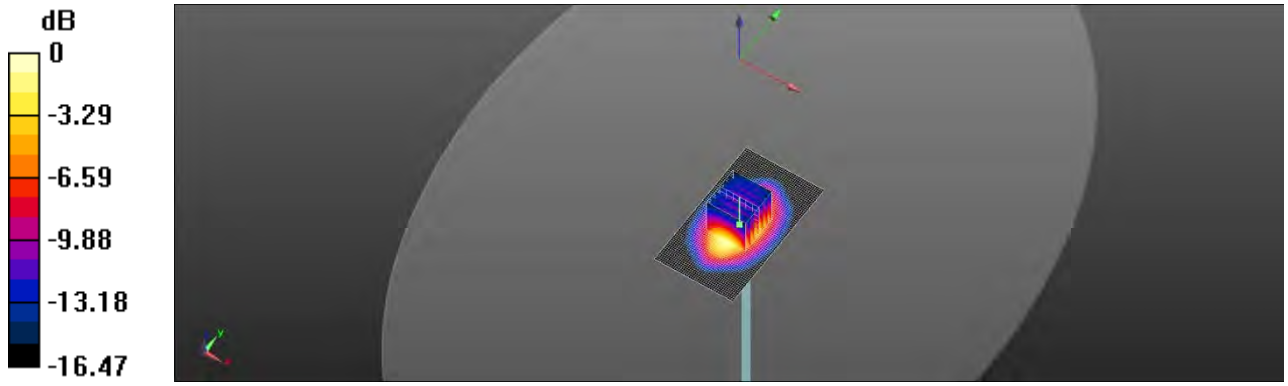
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 9.14 W/kg; SAR(10 g) = 4.87 W/kg

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.12 dBW/kg

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Date: 2018/11/30

Dipole 1900 MHz_SN:5d173

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

Medium parameters used: f = 1900 MHz; σ = 1.555 S/m; ε_r = 53.176; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.9°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.52, 7.52, 7.52); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (41x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 14.4 W/kg

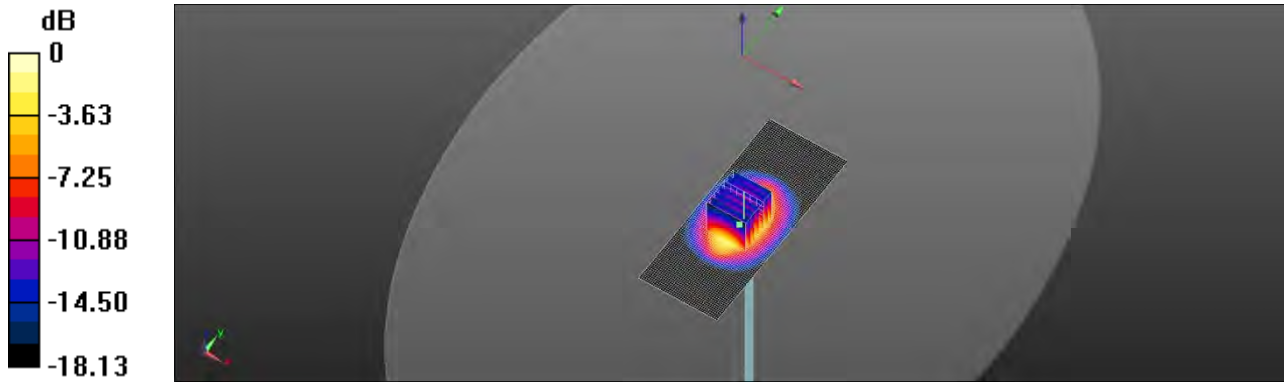
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.69 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 18.3 W/kg

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

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.56 dBW/kg

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Date: 2018/12/1

Dipole 2300 MHz_SN:1023

Communication System: CW; Frequency: 2300 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2300 MHz; σ = 1.82 S/m; ε_r = 53.166; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.33, 7.33, 7.33); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x131x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 19.4 W/kg

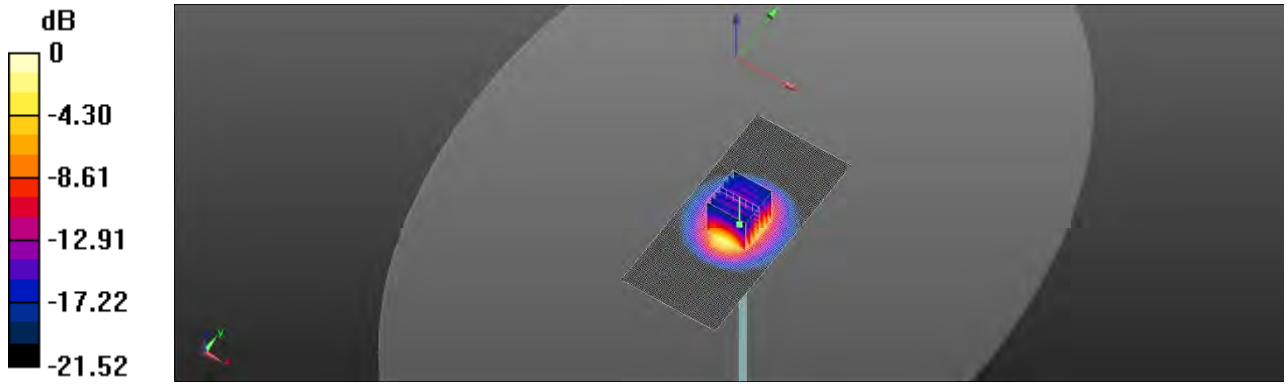
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.3 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 24.9 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.79 W/kg

Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

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Date: 2018/12/2

Dipole 2450 MHz_SN:727

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2450 MHz; σ = 2.011 S/m; ε_r = 52.578; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x131x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 20.4 W/kg

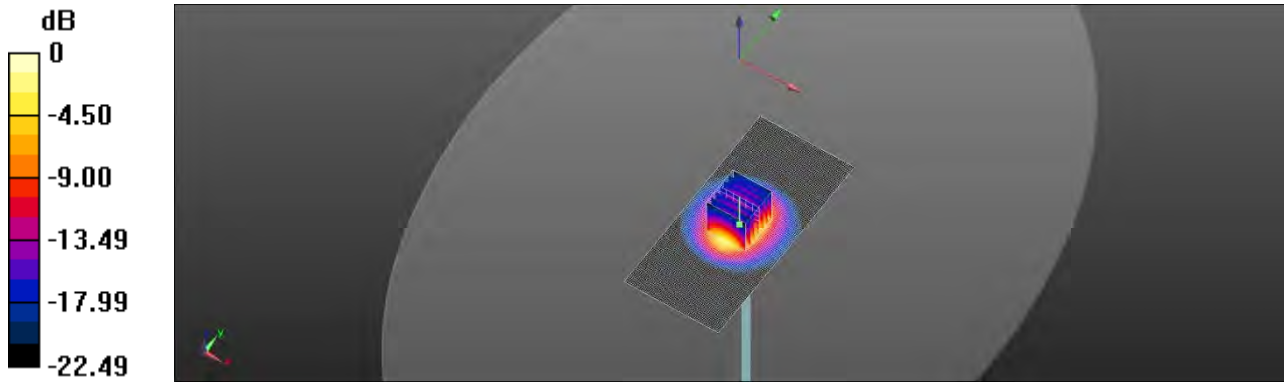
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.91 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 26.2 W/kg

SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.79 W/kg

Maximum value of SAR (measured) = 19.4 W/kg



0 dB = 19.4 W/kg = 12.87 dBW/kg

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Date: 2018/12/3

Dipole 2600 MHz_SN:1005

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

Medium parameters used: f = 2600 MHz; σ = 2.206 S/m; ε_r = 51.968; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(7.15, 7.15, 7.15); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (71x91x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 23.4 W/kg

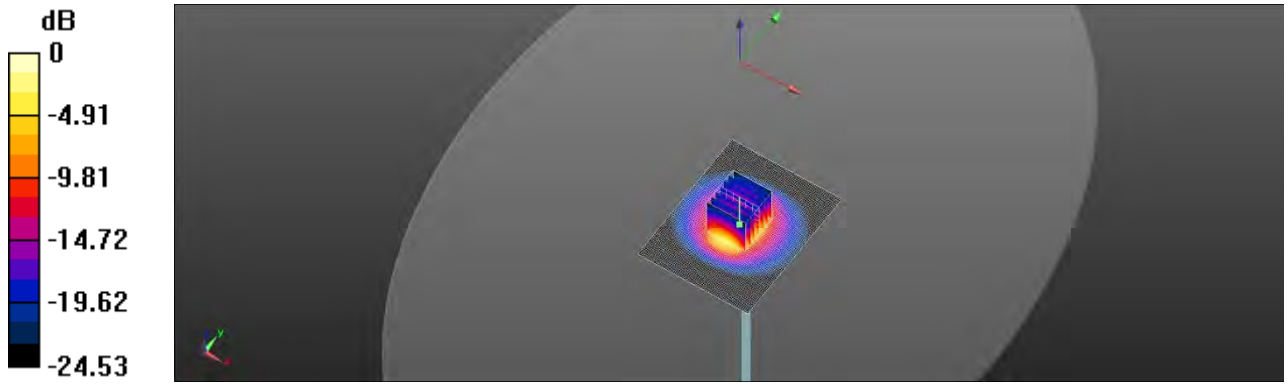
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 100.1 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 31.4 W/kg

SAR(1 g) = 14 W/kg; SAR(10 g) = 6.08 W/kg

Maximum value of SAR (measured) = 22.3 W/kg



0 dB = 22.3 W/kg = 13.48 dBW/kg

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Date: 2018/12/4

Dipole 5200 MHz_SN:1023

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.266 S/m; ε_r = 47.079; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4.23, 4.23, 4.23); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 15.0 W/kg

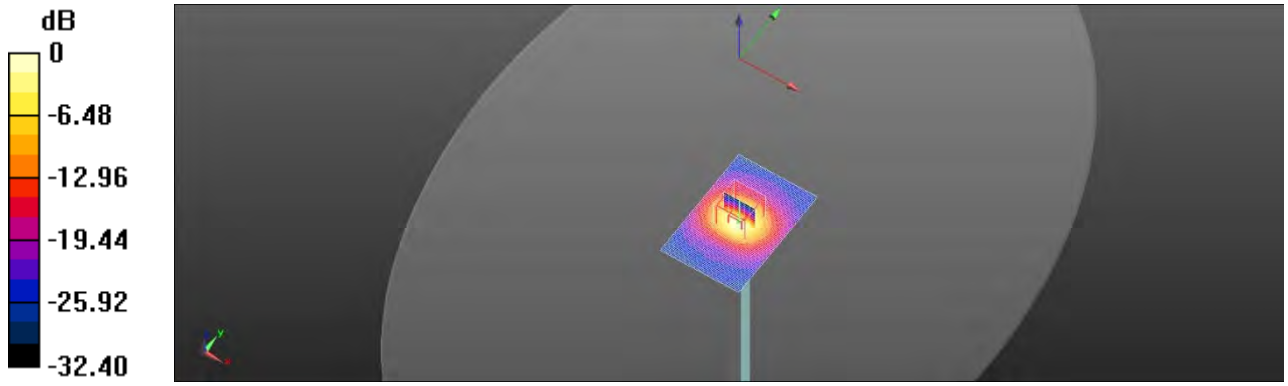
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 56.01 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 27.5 W/kg

SAR(1 g) = 6.94 W/kg; SAR(10 g) = 1.97 W/kg

Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg = 11.62 dBW/kg

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Date: 2018/12/5

Dipole 5300 MHz_SN:1023

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5300 MHz; σ = 5.451 S/m; ε_r = 47.072; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4.23, 4.23, 4.23); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 15.6 W/kg

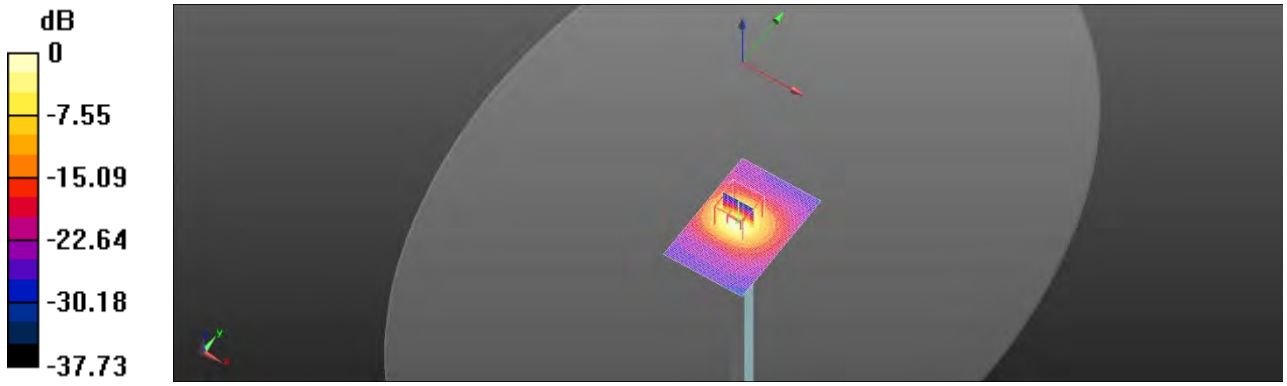
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 48.05 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 31.6 W/kg

SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.12 W/kg

Maximum value of SAR (measured) = 16.0 W/kg



0 dB = 16.0 W/kg = 12.05 dBW/kg

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Date: 2018/12/6

Dipole 5600 MHz_SN:1023

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5600 MHz; σ = 5.764 S/m; ε_r = 46.161; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(3.77, 3.77, 3.77); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 15.9 W/kg

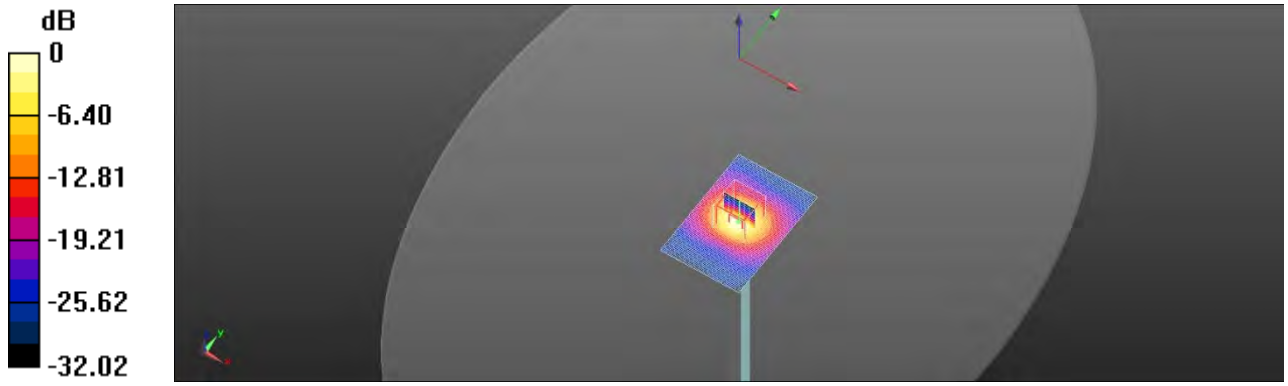
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 55.53 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 31.9 W/kg

SAR(1 g) = 7.51 W/kg; SAR(10 g) = 2.1 W/kg

Maximum value of SAR (measured) = 16.0 W/kg



0 dB = 16.0 W/kg = 12.05 dBW/kg

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Date: 2018/12/7

Dipole 5800 MHz_SN:1023

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5800 MHz; σ = 6.108 S/m; ε_r = 45.894; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3938; ConvF(4, 4, 4); Calibrated: 2018/10/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 16.6 W/kg

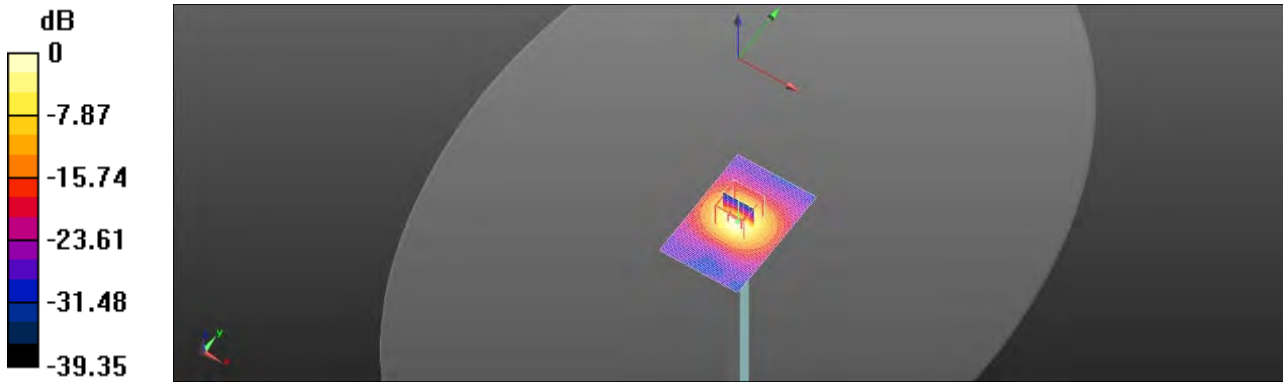
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 55.39 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 33.6 W/kg

SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.13 W/kg

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



0 dB = 16.5 W/kg = 12.19 dBW/kg

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7. DAE & Probe Calibration Certificate

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Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S C S Schweizerischer Kalibrierdienst
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Swiss Calibration Service

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Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: DAE4-1336_Aug18

CALIBRATION CERTIFICATE

Object: DAE4 - SD 000 D04 BM - SN: 1336

Calibration procedure(s): QA CAL-06.v29
Calibration procedure for the data acquisition electronics (DAE)

Calibration date: August 06, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Keithley Multimeter Type 2001	SN: 0810278	31-Aug-17 (No:21092)	Aug-18
Secondary Standards	**ID #**	**Check Date (in house)**	**Scheduled Check**
Auto DAE Calibration Unit	SE UWS 053 AA 1001	04-Jan-18 (in house check)	In house check: Jan-19
Calibrator Box V2.1	SE UMS 006 AA 1002	04-Jan-18 (in house check)	In house check: Jan-19

	Name	Function	Signature
Calibrated by:	Dominique Steffen	Laboratory Technician	
Approved by:	Sven Kühn	Deputy Manager	

Issued: August 6, 2018

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

Certificate No: DAE4-1336_Aug18 Page 1 of 5

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Accreditation No.: SCS 0108

Glossary

DAE	data acquisition electronics
Connector angle	information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters

- *DC Voltage Measurement:* Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- *Connector angle.* The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
  - *DC Voltage Measurement Linearity:* Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
  - *Common mode sensitivity:* Influence of a positive or negative common mode voltage on the differential measurement.
  - *Channel seperation:* Influence of a voltage on the neighbor channels not subject to an input voltage.
  - *AD Converter Values with inputs shorted:* Values on the internal AD converter corresponding to zero input voltage
  - *Input Offset Measurement:* Output voltage and statistical results over a large number of zero voltage measurements.
  - *Input Offset Current:* Typical value for information; Maximum channel input offset current, not considering the input resistance.
  - *Input resistance:* Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
  - *Low Battery Alarm Voltage:* Typical value for information. Below this voltage, a battery alarm signal is generated.
  - *Power consumption:* Typical value for information. Supply currents in various operating modes.

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DC Voltage Measurement

A/D - Converter Resolution nominal

High Range:	1LSB =	6.1μV,	full range = -100...+300 mV
Low Range:	1LSB =	61nV,	full range = -1.....+3mV

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	403.344 ± 0.02% (k=2)	403.624 ± 0.02% (k=2)	403.107 ± 0.02% (k=2)
Low Range	3.95102 ± 1.50% (k=2)	3.98703 ± 1.50% (k=2)	3.99683 ± 1.50% (k=2)

Connector Angle

Connector Angle to be used in DASY system	287.0 ° ± 1 °

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Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

High Range		Reading (µV)	Difference (µV)	Error (%)
Channel X	+ Input	200042.98	8.65	0.00
Channel X	+ Input	20006.34	1.11	0.01
Channel X	- Input	-20005.65	-0.56	0.00
Channel Y	+ Input	200034.32	0.12	0.00
Channel Y	+ Input	20003.47	-1.57	-0.01
Channel Y	- Input	-20006.39	-1.21	0.01
Channel Z	+ Input	200032.22	-2.05	-0.00
Channel Z	+ Input	20002.78	-2.14	-0.01
Channel Z	- Input	-20007.34	-2.09	0.01

Low Range		Reading (µV)	Difference (µV)	Error (%)
Channel X	+ Input	2001.47	0.30	0.01
Channel X	+ Input	201.92	0.79	0.39
Channel X	- Input	-198.26	0.59	-0.30
Channel Y	+ Input	2001.56	0.37	0.02
Channel Y	+ Input	200.97	-0.11	-0.05
Channel Y	- Input	-199.34	-0.43	0.22
Channel Z	+ Input	2001.12	0.04	0.00
Channel Z	+ Input	200.15	-0.88	-0.44
Channel Z	- Input	-200.14	-1.15	0.58

2. Common mode sensitivity

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Common mode Input Voltage (mV)	High Range Average Reading (µV)	Low Range Average Reading (µV)
Channel X	200	6.04	4.72
	- 200	-4.13	-4.79
Channel Y	200	-3.65	-3.78
	200	2.68	2.45
Channel Z	200	22.40	22.16
	- 200	-24.83	-25.10

3. Channel separation

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Input Voltage (mV)	Channel X (µV)	Channel Y (µV)	Channel Z (µV)
Channel X	200	-	6.12	-1.64
Channel Y	200	9.19	-	6.46
Channel Z	200	8.44	6.31	-

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4. AD-Converter Values with inputs shorted

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	High Range (LSB)	Low Range (LSB)
Channel X	15666	16509
Channel Y	15907	15587
Channel Z	15855	15507

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec
Input 10MΩ

	Average (μV)	min. Offset (μV)	max. Offset (μV)	Std. Deviation (μV)
Channel X	0.87	-0.00	2.62	0.36
Channel Y	3.53	2.87	4.59	0.34
Channel Z	-0.18	-1.34	1.53	0.54

6. Input Offset Current

Nominal Input circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

	Zeroing (kOhm)	Measuring (MOhm)
Channel X	200	200
Channel Y	200	200
Channel Z	200	200

8. Low Battery Alarm Voltage (Typical values for information)

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7.9
Supply (- Vcc)	-7.6

9. Power Consumption (Typical values for information)

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	-0.01	-8	-9

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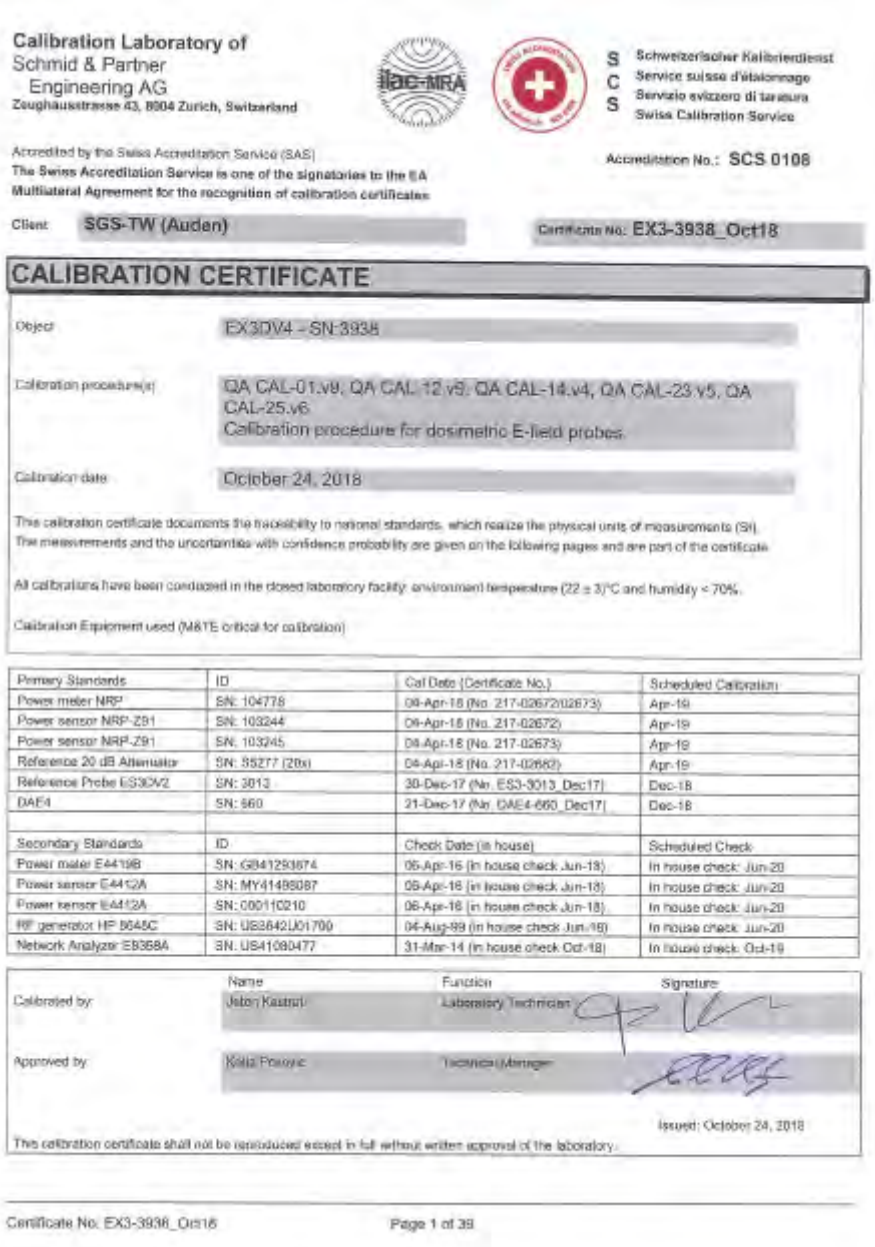

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Accreditation No.: SCS 0108

Client: SGS-TW (Auden)

Certificate No: EX3-3938_Oct18

CALIBRATION CERTIFICATE

Object: EX3DV4 - SN:3938

Calibration procedure(s): QA CAL-01.v9, QA CAL-12.v9, QA CAL-14.v4, QA CAL-23.v5, QA CAL-25.v6
Calibration procedure for dosimetric E-field probes

Calibration date: October 24, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	09-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	09-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: BS277 (20x)	04-Apr-18 (No. 217-02682)	Apr-19
Reference Probe ES3DV2	SN: 3013	30-Dec-17 (No. ES3-3013_Dec17)	Dec-18
DAE4	SN: 660	21-Dec-17 (No. DAE4-660_Dec17)	Dec-18
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-16)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-18)	In house check: Oct-19

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: October 24, 2018

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

Certificate No: EX3-3938_Oct18 Page 1 of 39

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Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

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Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx,y,z
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization ϑ	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., ϑ = 0 is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- *NORMx,y,z*: Assessed for E-field polarization ϑ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E^2-field uncertainty inside TSL (see below *ConvF*).
- *NORM(f)x,y,z = NORMx,y,z * frequency_response* (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of *ConvF*.
- *DCPx,y,z*: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- *PAR*: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- *Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z*: *A, B, C, D* are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. *VR* is the maximum calibration range expressed in RMS voltage across the diode.
- *ConvF and Boundary Effect Parameters*: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to *NORMx,y,z * ConvF* whereby the uncertainty corresponds to that given for *ConvF*. A frequency dependent *ConvF* is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- *Spherical isotropy (3D deviation from isotropy)*: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- *Sensor Offset*: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- *Connector Angle*: The angle is assessed using the information gained by determining the *NORMx* (no uncertainty required).

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Probe EX3DV4

SN:3938

Manufactured: May 2, 2013
Calibrated: October 24, 2018

Calibrated for DASY/EASY Systems
(Note: non-compatible with DASY2 system!)

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm ($\mu V/(V/m)^2$)[A]	0.51	0.57	0.33	± 10.1 %
DCP (mV)[B]	103.2	100.3	107.8	

Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB√μV	C	D dB	VR mV	Unc[E] (k=2)
0	CW	X	0.0	0.0	1.0	0.00	164.0	±3.5 %
		Y	0.0	0.0	1.0		174.2	
		Z	0.0	0.0	1.0		176.3	

Note: For details on UID parameters see Appendix.

Sensor Model Parameters

	C1 fF	C2 fF	α V^{-1}	T1 $ms.V^{-2}$	T2 $ms.V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
X	59.09	436.9	35.15	26.09	1.205	5.10	1.012	0.575	1.009
Y	53.22	408.3	37.24	24.25	1.457	5.10	0.000	0.766	1.013
Z	46.65	332.5	32.92	15.26	1.153	4.98	2.000	0.225	1.006

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

[A] The uncertainties of Norm X,Y,Z do not affect the E^2-field uncertainty inside TSL (see Pages 5 and 6).
[B] Numerical linearization parameter: uncertainty not required.
[C] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) [C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha [G]	Depth [G] (mm)	Unc (k=2)
750	41.9	0.89	9.82	9.82	9.82	0.45	0.80	± 12.0 %
835	41.5	0.90	9.50	9.50	9.50	0.50	0.86	± 12.0 %
900	41.5	0.97	9.25	9.25	9.25	0.33	1.04	± 12.0 %
1450	40.5	1.20	8.53	8.53	8.53	0.30	0.86	± 12.0 %
1750	40.1	1.37	8.32	8.32	8.32	0.36	0.90	± 12.0 %
1900	40.0	1.40	7.95	7.95	7.95	0.29	0.90	± 12.0 %
2000	40.0	1.40	7.93	7.93	7.93	0.36	0.80	± 12.0 %
2300	39.5	1.67	7.59	7.59	7.59	0.37	0.80	± 12.0 %
2450	39.2	1.80	7.17	7.17	7.17	0.39	0.83	± 12.0 %
2600	39.0	1.96	7.11	7.11	7.11	0.38	0.87	± 12.0 %
5250	35.9	4.71	5.00	5.00	5.00	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.65	4.65	4.65	0.40	1.80	± 13.1 %
5750	35.4	5.22	4.76	4.76	4.76	0.40	1.80	± 13.1 %

[F] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2). Else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 20, 40, 60 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 5 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) [C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha [G]	Depth [G] (mm)	Unc (k=2)
750	55.5	0.96	9.72	9.72	9.72	0.46	0.87	± 12.0 %
835	55.2	0.97	9.56	9.56	9.56	0.41	0.92	± 12.0 %
900	55.0	1.05	9.33	9.33	9.33	0.48	0.87	± 12.0 %
1450	54.0	1.30	7.98	7.98	7.98	0.32	0.90	± 12.0 %
1750	53.4	1.49	7.83	7.83	7.83	0.43	0.90	± 12.0 %
1900	53.3	1.52	7.52	7.52	7.52	0.33	0.96	± 12.0 %
2000	53.3	1.52	7.62	7.62	7.62	0.38	0.89	± 12.0 %
2300	52.9	1.81	7.33	7.33	7.33	0.42	0.87	± 12.0 %
2450	52.7	1.95	7.30	7.30	7.30	0.35	0.87	± 12.0 %
2600	52.5	2.16	7.15	7.15	7.15	0.33	0.95	± 12.0 %
5250	48.9	5.36	4.23	4.23	4.23	0.50	1.90	± 13.1 %
5600	48.5	5.77	3.77	3.77	3.77	0.50	1.90	± 13.1 %
5800	48.2	6.00	4.00	4.00	4.00	0.50	1.90	± 13.1 %

[C] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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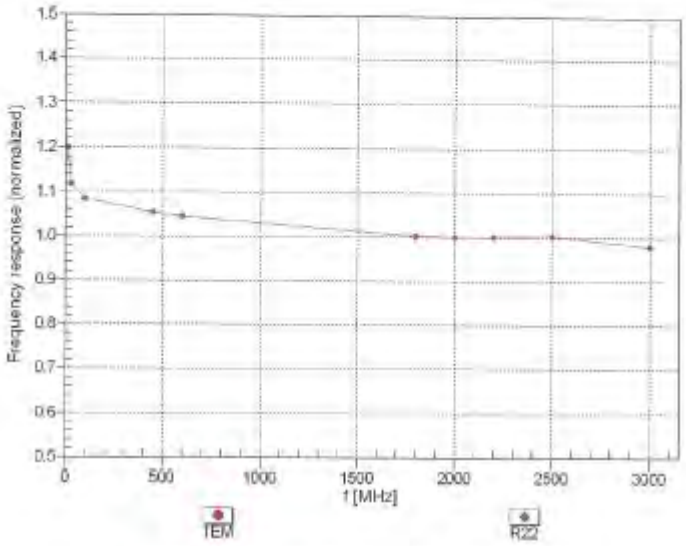
Frequency Response of E-Field
(TEM-Cell:ifi110 EXX, Waveguide: R22)



Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

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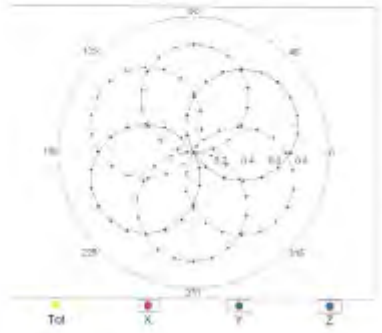
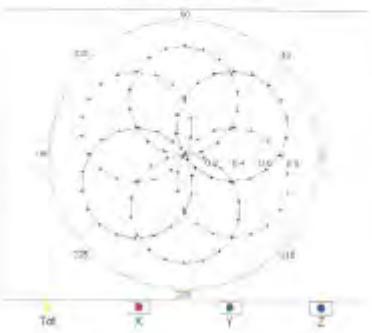
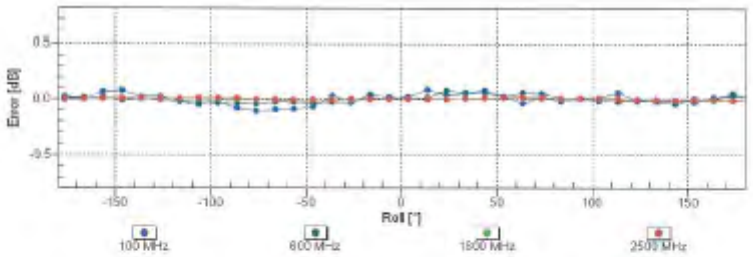
Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



f=1800 MHz,R22





Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

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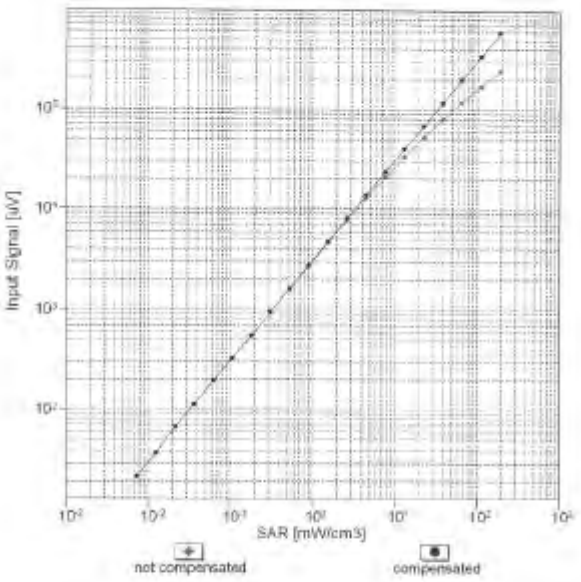
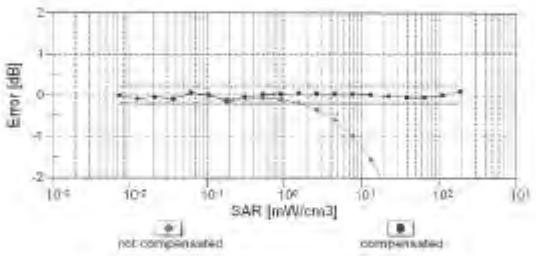
Dynamic Range f(SAR$_{head}$)
(TEM cell , f_{eval}= 1900 MHz)





Uncertainty of Linearity Assessment: ± 0.6% (k=2)

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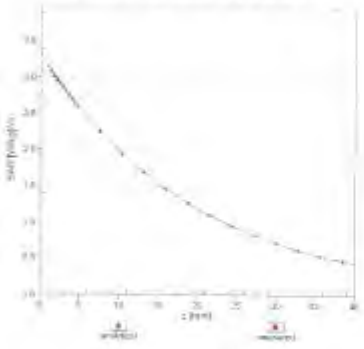
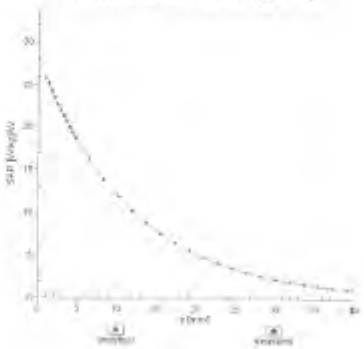
Conversion Factor Assessment

f = 835 MHz WGLS R9 (H_convF)

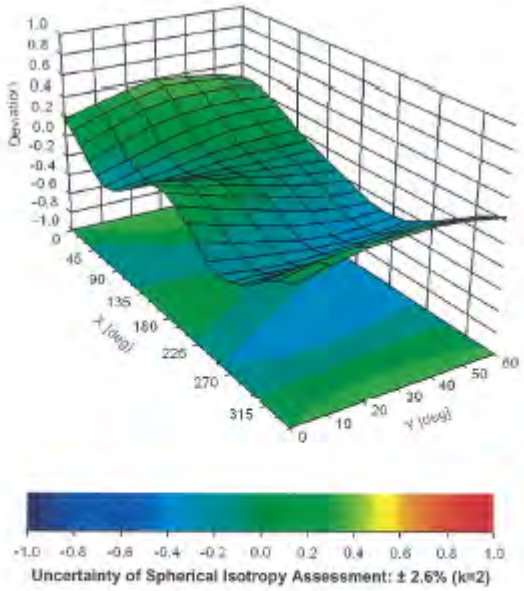


f = 1900 MHz WGLS R22 (H_convF)



Deviation from Isotropy in Liquid

Error (ϕ, ϑ), f = 900 MHz



Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-26.4
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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Appendix: Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB√μV	C	D dB	VR mV	Max Unc^a (k=2)
0	CW	X	0.00	0.00	1.00	0.00	164.0	± 3.5 %
		Y	0.00	0.00	1.00		174.2	
		Z	0.00	0.00	1.00		176.9	
10010-CAA	SAR Validation (Square, 100ms, 10ms)	X	11.84	84.28	19.03	10.00	20.0	± 9.6 %
		Y	4.75	72.52	14.55		20.0	
		Z	2.70	65.86	10.62		20.0	
10011-CAB	UMTS-FDD (WCDMA)	X	1.25	71.04	17.46	0.00	150.0	± 9.6 %
		Y	0.87	65.19	13.50		150.0	
		Z	1.10	69.84	16.56		150.0	
10012-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	X	1.29	85.77	16.62	0.41	150.0	± 9.6 %
		Y	1.13	83.57	14.74		150.0	
		Z	1.17	84.77	15.66		150.0	
10013-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	X	5.06	87.01	17.40	1.46	150.0	± 9.6 %
		Y	4.93	86.63	17.09		150.0	
		Z	4.79	86.72	16.84		150.0	
10021-DAC	GSM-FDD (TDMA, GMSK)	X	100.00	118.51	30.68	9.39	50.0	± 9.6 %
		Y	100.00	117.47	30.14		50.0	
		Z	9.68	81.68	18.25		50.0	
10023-DAC	GPRS-FDD (TDMA, GMSK, TN 0)	X	100.00	118.45	30.70	9.57	50.0	± 9.6 %
		Y	100.00	117.42	30.17		50.0	
		Z	8.28	79.56	17.55		50.0	
10024-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	X	100.00	116.27	28.62	6.56	60.0	± 9.6 %
		Y	100.00	113.88	27.38		60.0	
		Z	17.36	88.43	18.89		60.0	
10025-DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	X	14.85	105.19	41.18	12.57	50.0	± 9.6 %
		Y	6.69	80.06	30.32		50.0	
		Z	5.13	73.32	26.13		50.0	
10026-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	X	28.61	116.31	40.38	9.56	60.0	± 9.6 %
		Y	17.18	103.12	35.82		60.0	
		Z	10.78	92.22	31.22		60.0	
10027-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	X	100.00	116.23	27.82	4.80	80.0	± 9.6 %
		Y	100.00	112.20	25.80		80.0	
		Z	100.00	105.42	22.06		80.0	
10028-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	X	100.00	117.56	27.68	3.55	100.0	± 9.6 %
		Y	100.00	111.19	24.62		100.0	
		Z	100.00	105.06	21.28		100.0	
10029-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	X	14.44	99.44	33.73	7.80	80.0	± 9.6 %
		Y	10.36	91.48	30.62		80.0	
		Z	6.98	83.31	26.80		80.0	
10030-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	X	100.00	115.12	27.62	5.30	70.0	± 9.6 %
		Y	100.00	111.80	25.93		70.0	
		Z	13.15	85.08	17.21		70.0	
10031-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	X	100.00	120.41	27.44	1.88	100.0	± 9.6 %
		Y	100.00	105.85	20.93		100.0	
		Z	100.00	102.30	18.50		100.0	

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10032-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	X	100.00	129.17	29.93	1.17	100.0	± 9.6 %
		Y	100.00	101.34	18.13		100.0	
		Z	100.00	104.25	18.92		100.0	
10033-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	X	100.00	128.01	35.11	5.30	70.0	± 9.6 %
		Y	30.26	106.06	28.70		70.0	
		Z	7.06	82.85	20.36		70.0	
10034-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	X	31.82	111.52	29.61	1.88	100.0	± 9.6 %
		Y	4.94	81.78	19.61		100.0	
		Z	3.36	77.14	17.43		100.0	
10035-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	X	8.76	93.74	24.54	1.17	100.0	± 9.6 %
		Y	2.56	74.38	16.81		100.0	
		Z	2.45	74.78	16.51		100.0	
10036-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	X	100.00	128.23	35.27	5.30	70.0	± 9.6 %
		Y	48.05	114.02	30.85		70.0	
		Z	8.61	85.86	21.44		70.0	
10037-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	X	28.47	109.85	29.14	1.88	100.0	± 9.6 %
		Y	4.63	80.68	19.28		100.0	
		Z	3.10	76.20	17.05		100.0	
10038-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	X	9.40	95.18	25.08	1.17	100.0	± 9.6 %
		Y	2.66	74.97	16.94		100.0	
		Z	2.52	75.36	16.85		100.0	
10039-CAB	CDMA2000 (1xRTT, RC1)	X	2.81	78.68	19.30	0.00	150.0	± 9.6 %
		Y	1.40	67.94	13.51		150.0	
		Z	2.58	79.60	18.81		150.0	
10042-CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	X	100.00	114.29	27.89	7.78	50.0	± 9.6 %
		Y	100.00	112.24	26.83		50.0	
		Z	7.08	77.70	15.66		50.0	
10044-CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	X	0.00	111.10	2.98	0.00	150.0	± 9.6 %
		Y	0.12	121.97	13.25		150.0	
		Z	0.02	124.98	11.44		150.0	
10046-CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	X	100.00	120.31	32.96	13.80	25.0	± 9.6 %
		Y	26.80	98.60	27.12		25.0	
		Z	6.10	73.04	16.88		25.0	
10045-CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	X	100.00	118.79	31.19	10.79	40.0	± 9.6 %
		Y	42.73	105.35	27.59		40.0	
		Z	6.52	75.70	16.44		40.0	
10068-CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	X	59.92	116.40	32.89	9.03	50.0	± 9.6 %
		Y	20.27	96.61	26.81		50.0	
		Z	9.73	81.48	20.30		50.0	
10058-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	X	9.45	90.34	29.75	6.55	100.0	± 9.6 %
		Y	7.41	84.68	27.34		100.0	
		Z	5.31	78.46	24.34		100.0	
10059-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	X	1.45	68.16	17.83	0.81	110.0	± 9.6 %
		Y	1.24	65.28	15.64		110.0	
		Z	1.24	66.08	16.24		110.0	
10060-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	X	100.00	136.52	35.86	1.30	110.0	± 9.6 %
		Y	100.00	127.82	31.55		110.0	
		Z	75.11	127.04	31.74		110.0	

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10061-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	X	37.93	122.29	34.76	2.04	110.0	± 9.6 %
		Y	7.04	91.70	25.29		110.0	
		Z	3.71	82.53	21.92		110.0	
10062-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	X	4.83	66.93	16.78	0.49	100.0	± 9.6 %
		Y	4.68	66.44	16.40		100.0	
		Z	4.61	66.82	16.41		100.0	
10063-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	X	4.86	67.07	16.91	0.72	100.0	± 9.6 %
		Y	4.71	66.58	16.52		100.0	
		Z	4.62	66.69	16.47		100.0	
10064-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	X	5.19	67.38	17.15	0.86	100.0	± 9.6 %
		Y	5.02	66.91	16.79		100.0	
		Z	4.90	67.10	16.66		100.0	
10065-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	X	5.07	67.37	17.30	1.21	100.0	± 9.6 %
		Y	4.91	66.89	16.94		100.0	
		Z	4.77	66.99	16.73		100.0	
10066-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	X	5.11	67.44	17.51	1.46	100.0	± 9.6 %
		Y	4.95	66.98	17.15		100.0	
		Z	4.78	66.99	16.85		100.0	
10067-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	X	5.40	67.52	17.91	2.04	100.0	± 9.6 %
		Y	5.26	67.17	17.62		100.0	
		Z	5.06	67.09	17.23		100.0	
10068-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	X	5.51	67.80	18.25	2.55	100.0	± 9.6 %
		Y	5.36	67.40	17.94		100.0	
		Z	5.11	67.14	17.41		100.0	
10069-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	X	5.58	67.69	18.40	2.67	100.0	± 9.6 %
		Y	5.44	67.37	18.13		100.0	
		Z	5.19	67.11	17.58		100.0	
10071-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	X	5.17	67.17	17.75	1.99	100.0	± 9.6 %
		Y	5.05	66.81	17.46		100.0	
		Z	4.88	66.78	17.09		100.0	
10072-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	X	5.21	67.68	18.06	2.30	100.0	± 9.6 %
		Y	5.08	67.27	17.74		100.0	
		Z	4.87	67.11	17.28		100.0	
10073-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	X	5.30	67.92	18.44	2.83	100.0	± 9.6 %
		Y	5.18	67.55	18.13		100.0	
		Z	4.94	67.26	17.56		100.0	
10074-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	X	5.29	67.90	18.65	3.30	100.0	± 9.6 %
		Y	5.19	67.54	18.34		100.0	
		Z	4.93	67.18	17.70		100.0	
10075-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	X	5.40	68.28	19.10	3.82	90.0	± 9.6 %
		Y	5.28	67.86	18.77		90.0	
		Z	4.98	67.33	17.99		90.0	
10076-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	X	5.38	67.97	19.17	4.15	90.0	± 9.6 %
		Y	5.29	67.64	18.88		90.0	
		Z	5.00	67.13	18.10		90.0	
10077-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	X	5.41	68.03	19.26	4.30	90.0	± 9.6 %
		Y	5.32	67.72	18.98		90.0	
		Z	5.03	67.21	18.19		90.0	

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10081-CAB	CDMA2000 (1xRTT, RC3)	X	1.20	70.94	15.87	0.00	150.0	± 9.6 %
		Y	0.66	63.33	10.59		150.0	
		Z	0.97	69.12	14.01		150.0	
10082-CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	X	1.35	61.30	5.54	4.77	80.0	± 9.6 %
		Y	1.15	60.10	5.56		80.0	
		Z	0.90	60.00	4.82		80.0	
10090-DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	X	100.00	116.34	28.67	6.56	60.0	± 9.6 %
		Y	100.00	113.98	27.45		60.0	
		Z	16.90	88.08	18.81		60.0	
10097-CAB	UMTS-FDD (HSDPA)	X	1.98	69.10	16.79	0.00	150.0	± 9.6 %
		Y	1.88	66.14	14.84		150.0	
		Z	1.92	68.33	16.52		150.0	
10098-CAB	UMTS-FDD (HSUPA, Subtest 2)	X	1.94	69.09	16.77	0.00	150.0	± 9.6 %
		Y	1.82	66.06	14.89		150.0	
		Z	1.87	68.33	16.49		150.0	
10099-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	X	26.67	116.31	40.37	9.56	80.0	± 9.6 %
		Y	17.22	103.14	35.83		80.0	
		Z	10.80	92.24	31.22		80.0	
10100-CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	3.51	72.21	17.62	0.00	150.0	± 9.6 %
		Y	2.94	69.12	15.85		150.0	
		Z	3.29	71.84	17.33		150.0	
10101-CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	3.42	68.37	16.44	0.00	150.0	± 9.6 %
		Y	3.15	66.88	15.45		150.0	
		Z	3.26	68.19	16.19		150.0	
10102-CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	3.51	68.25	16.50	0.00	150.0	± 9.6 %
		Y	3.25	66.67	15.57		150.0	
		Z	3.35	68.16	16.28		150.0	
10103-CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	9.10	80.51	22.32	3.98	65.0	± 9.6 %
		Y	7.71	77.60	21.05		65.0	
		Z	6.72	75.86	19.85		65.0	
10104-CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	8.56	77.67	22.08	3.98	65.0	± 9.6 %
		Y	7.55	75.78	21.18		65.0	
		Z	6.54	73.78	19.84		65.0	
10105-CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	8.22	77.35	22.27	3.98	65.0	± 9.6 %
		Y	7.00	74.28	20.84		65.0	
		Z	6.41	73.36	19.98		65.0	
10106-CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	3.07	71.32	17.44	0.00	150.0	± 9.6 %
		Y	2.58	68.37	15.67		150.0	
		Z	2.86	71.00	17.15		150.0	
10109-CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	3.09	68.24	16.43	0.00	150.0	± 9.6 %
		Y	2.80	66.64	15.30		150.0	
		Z	2.92	68.15	16.17		150.0	
10110-CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	2.51	70.39	17.16	0.00	150.0	± 9.6 %
		Y	2.08	67.38	15.21		150.0	
		Z	2.30	70.10	16.90		150.0	
10111-CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	2.83	69.15	16.90	0.00	150.0	± 9.6 %
		Y	2.49	67.13	15.44		150.0	
		Z	2.71	69.56	16.76		150.0	

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10112-CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	3.20	68.13	16.43	0.00	150.0	± 9.6 %
		Y	2.93	66.85	15.39		150.0	
		Z	3.04	68.13	16.21		150.0	
10113-CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	2.98	69.16	16.96	0.00	150.0	± 9.6 %
		Y	2.64	67.31	15.61		150.0	
		Z	2.87	69.66	16.87		150.0	
10114-CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	X	5.21	67.32	16.54	0.00	150.0	± 9.6 %
		Y	5.08	66.85	16.21		150.0	
		Z	5.06	67.43	16.43		150.0	
10115-CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	X	5.56	67.60	16.68	0.00	150.0	± 9.6 %
		Y	5.42	67.15	16.37		150.0	
		Z	5.34	67.52	16.48		150.0	
10116-CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	X	5.33	67.58	16.69	0.00	150.0	± 9.6 %
		Y	5.18	67.09	16.26		150.0	
		Z	5.15	67.61	16.44		150.0	
10117-CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	X	5.21	67.33	16.56	0.00	150.0	± 9.6 %
		Y	5.06	66.76	16.19		150.0	
		Z	5.03	67.31	16.39		150.0	
10118-CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	X	5.63	67.75	16.78	0.00	150.0	± 9.6 %
		Y	5.50	67.34	16.46		150.0	
		Z	5.41	67.66	16.55		150.0	
10119-CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	X	5.20	67.52	16.58	0.00	150.0	± 9.6 %
		Y	5.16	67.02	16.24		150.0	
		Z	5.13	67.55	16.43		150.0	
10140-CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	3.56	69.24	16.42	0.00	150.0	± 9.6 %
		Y	3.29	68.88	15.49		150.0	
		Z	3.39	68.15	16.19		150.0	
10141-CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	3.68	68.26	16.55	0.00	150.0	± 9.6 %
		Y	3.42	66.99	15.68		150.0	
		Z	3.52	68.25	16.36		150.0	
10142-CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	2.31	70.61	17.16	0.00	150.0	± 9.6 %
		Y	1.94	67.11	14.79		150.0	
		Z	2.12	70.48	16.65		150.0	
10143-CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	2.77	70.28	16.99	0.00	150.0	± 9.6 %
		Y	2.41	67.48	15.00		150.0	
		Z	2.68	70.99	16.78		150.0	
10144-CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	2.51	67.88	15.37	0.00	150.0	± 9.6 %
		Y	2.14	65.80	13.59		150.0	
		Z	2.29	67.85	14.87		150.0	
10145-CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	1.73	69.80	15.10	0.00	150.0	± 9.6 %
		Y	1.11	63.06	10.90		150.0	
		Z	1.33	67.08	12.73		150.0	
10146-CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	4.24	75.96	17.12	0.00	150.0	± 9.6 %
		Y	2.46	68.71	13.45		150.0	
		Z	2.38	68.35	12.35		150.0	
10147-CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	6.45	81.80	19.47	0.00	150.0	± 9.6 %
		Y	3.10	71.79	14.97		150.0	
		Z	3.29	72.21	14.01		150.0	

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10148-CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	3.10	68.31	16.47	0.00	150.0	± 9.6 %
		Y	2.81	66.69	15.35		150.0	
		Z	2.93	68.23	16.22		150.0	
10150-CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	3.21	68.18	16.48	0.00	150.0	± 9.6 %
		Y	2.94	66.70	15.43		150.0	
		Z	3.05	68.20	16.26		150.0	
10151-CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	10.13	83.77	23.67	3.98	65.0	± 9.6 %
		Y	8.42	80.52	22.26		65.0	
		Z	6.89	77.61	20.59		65.0	
10152-CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	8.04	78.08	22.05	3.98	65.0	± 9.6 %
		Y	7.13	75.91	20.98		65.0	
		Z	6.04	73.59	19.44		65.0	
10153-CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	8.44	79.82	22.75	3.98	65.0	± 9.6 %
		Y	7.56	78.89	21.74		65.0	
		Z	6.48	74.70	20.30		65.0	
10154-CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	2.59	70.97	17.50	0.00	150.0	± 9.6 %
		Y	2.12	67.77	15.47		150.0	
		Z	2.36	70.74	17.16		150.0	
10155-CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	2.83	69.15	16.90	0.00	150.0	± 9.6 %
		Y	2.49	67.14	15.45		150.0	
		Z	2.71	69.67	16.78		150.0	
10156-CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	2.21	71.19	17.23	0.00	150.0	± 9.6 %
		Y	1.68	67.01	14.46		150.0	
		Z	2.01	71.01	16.65		150.0	
10157-CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	2.40	68.89	15.72	0.00	150.0	± 9.6 %
		Y	1.95	65.89	13.48		150.0	
		Z	2.19	68.70	14.94		150.0	
10158-CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	2.98	69.22	17.01	0.00	150.0	± 9.6 %
		Y	2.65	67.36	15.65		150.0	
		Z	2.88	69.75	16.93		150.0	
10159-CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	2.54	69.44	16.05	0.00	150.0	± 9.6 %
		Y	2.05	66.31	13.77		150.0	
		Z	2.34	69.42	15.34		150.0	
10160-CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	2.98	69.71	16.97	0.00	150.0	± 9.6 %
		Y	2.62	67.67	15.60		150.0	
		Z	2.78	69.58	16.72		150.0	
10161-CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	3.11	68.11	16.44	0.00	150.0	± 9.6 %
		Y	2.83	66.60	15.34		150.0	
		Z	2.95	68.19	16.22		150.0	
10162-CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	3.21	68.15	16.50	0.00	150.0	± 9.6 %
		Y	2.94	66.74	15.46		150.0	
		Z	3.06	68.32	16.32		150.0	
10188-CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	4.07	71.03	19.91	3.01	150.0	± 9.6 %
		Y	3.79	69.95	19.36		150.0	
		Z	3.83	71.36	19.76		150.0	
10187-CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	5.42	74.80	20.87	3.01	150.0	± 9.6 %
		Y	4.77	72.79	19.75		150.0	
		Z	5.29	76.01	20.77		150.0	

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10168-CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	6.05	77.17	21.98	3.01	150.0	± 9.6 %
		Y	5.30	75.09	21.09		150.0	
		Z	6.36	79.86	22.71		150.0	
10169-CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	3.85	72.93	20.70	3.01	150.0	± 9.6 %
		Y	3.33	70.15	19.41		150.0	
		Z	3.47	72.51	20.23		150.0	
10170-CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	X	6.37	81.48	23.72	3.01	150.0	± 9.6 %
		Y	4.75	78.10	21.63		150.0	
		Z	7.01	85.04	24.72		150.0	
10171-AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	4.87	75.76	20.53	3.01	150.0	± 9.6 %
		Y	3.87	71.72	18.83		150.0	
		Z	4.54	76.13	20.23		150.0	
10172-CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	80.41	131.60	39.78	6.02	65.0	± 9.6 %
		Y	18.51	103.18	32.14		65.0	
		Z	14.22	97.99	29.18		65.0	
10173-CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	X	100.00	127.75	36.65	6.02	65.0	± 9.6 %
		Y	30.31	107.15	31.45		65.0	
		Z	25.08	102.02	28.13		65.0	
10174-CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	60.73	116.92	33.35	6.02	65.0	± 9.6 %
		Y	21.73	99.84	28.80		65.0	
		Z	17.08	94.57	25.40		65.0	
10175-CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	3.78	72.50	20.41	3.01	150.0	± 9.6 %
		Y	3.29	69.80	19.15		150.0	
		Z	3.40	71.98	19.88		150.0	
10176-CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	6.38	81.51	23.73	3.01	150.0	± 9.6 %
		Y	4.76	78.12	21.65		150.0	
		Z	7.03	85.08	24.74		150.0	
10177-CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	3.82	72.71	20.53	3.01	150.0	± 9.6 %
		Y	3.32	69.97	19.25		150.0	
		Z	3.44	72.23	20.02		150.0	
10178-CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	X	6.26	81.12	23.55	3.01	150.0	± 9.6 %
		Y	4.70	75.86	21.51		150.0	
		Z	6.85	84.54	24.51		150.0	
10179-CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	5.53	78.38	21.95	3.01	150.0	± 9.6 %
		Y	4.26	73.73	20.08		150.0	
		Z	5.53	80.03	22.20		150.0	
10180-CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	X	4.85	75.63	20.46	3.01	150.0	± 9.6 %
		Y	3.85	71.63	18.78		150.0	
		Z	4.51	75.97	20.14		150.0	
10181-CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	3.82	72.69	20.52	3.01	150.0	± 9.6 %
		Y	3.31	69.95	19.24		150.0	
		Z	3.44	72.20	20.01		150.0	
10182-CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	6.25	81.09	23.54	3.01	150.0	± 9.6 %
		Y	4.70	75.84	21.50		150.0	
		Z	6.83	84.50	24.49		150.0	
10183-AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	4.84	75.60	20.44	3.01	150.0	± 9.6 %
		Y	3.85	71.61	18.77		150.0	
		Z	4.50	75.94	20.13		150.0	

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10184-CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	3.83	72.74	20.54	3.01	150.0	± 9.6 %
		Y	3.32	70.30	19.27		150.0	
		Z	3.45	72.28	20.04		150.0	
10185-CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	X	6.29	81.18	23.58	3.01	150.0	± 9.6 %
		Y	4.72	75.91	21.53		150.0	
		Z	6.88	84.63	24.55		150.0	
10186-AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	4.86	75.68	20.48	3.01	150.0	± 9.6 %
		Y	3.87	71.65	18.80		150.0	
		Z	4.53	76.04	20.17		150.0	
10187-CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	3.84	72.79	20.60	3.01	150.0	± 9.6 %
		Y	3.33	70.05	19.33		150.0	
		Z	3.46	72.24	20.11		150.0	
10188-CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	6.59	82.17	24.06	3.01	150.0	± 9.6 %
		Y	4.88	76.63	21.93		150.0	
		Z	7.44	86.21	25.23		150.0	
10189-AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	5.01	76.28	20.81	3.01	150.0	± 9.6 %
		Y	3.96	72.12	19.08		150.0	
		Z	4.72	76.84	20.60		150.0	
10193-CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	X	4.64	66.78	16.35	0.00	150.0	± 9.6 %
		Y	4.48	66.22	15.91		150.0	
		Z	4.48	66.93	16.19		150.0	
10194-CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	X	4.84	67.15	16.46	0.00	150.0	± 9.6 %
		Y	4.66	66.55	16.03		150.0	
		Z	4.65	67.23	16.31		150.0	
10195-CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	X	4.88	67.16	16.47	0.00	150.0	± 9.6 %
		Y	4.70	66.58	16.05		150.0	
		Z	4.69	67.26	16.32		150.0	
10196-CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	X	4.66	66.88	16.38	0.00	150.0	± 9.6 %
		Y	4.49	66.29	15.93		150.0	
		Z	4.48	66.99	16.21		150.0	
10197-CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	X	4.85	67.17	16.47	0.00	150.0	± 9.6 %
		Y	4.67	66.58	16.04		150.0	
		Z	4.66	67.25	16.32		150.0	
10198-CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	X	4.89	67.18	16.48	0.00	150.0	± 9.6 %
		Y	4.70	66.60	16.06		150.0	
		Z	4.69	67.27	16.33		150.0	
10219-CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	X	4.81	66.90	16.35	0.00	150.0	± 9.6 %
		Y	4.43	66.30	15.89		150.0	
		Z	4.42	67.01	16.10		150.0	
10220-CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	X	4.85	67.15	16.47	0.00	150.0	± 9.6 %
		Y	4.67	66.56	16.04		150.0	
		Z	4.65	67.22	16.31		150.0	
10221-CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	X	4.89	67.10	16.46	0.00	150.0	± 9.6 %
		Y	4.71	66.53	16.05		150.0	
		Z	4.70	67.20	16.31		150.0	
10222-CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	X	5.19	67.35	16.57	0.00	150.0	± 9.6 %
		Y	5.03	66.77	16.18		150.0	
		Z	5.01	67.33	16.39		150.0	

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10223-CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	X	5.54	67.61	16.71	0.00	150.0	± 9.6 %
		Y	5.35	66.99	16.32		150.0	
		Z	5.29	67.45	16.47		150.0	
10224-CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	X	5.24	67.46	16.55	0.00	150.0	± 9.6 %
		Y	5.06	66.87	16.16		150.0	
		Z	5.06	67.48	16.38		150.0	
10225-CAB	UMTS-FDD (HSPA+)	X	2.94	66.61	15.90	0.00	150.0	± 9.6 %
		Y	2.72	65.45	14.90		150.0	
		Z	2.80	66.78	15.59		150.0	
10226-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	100.00	127.97	36.79	6.02	65.0	± 9.6 %
		Y	33.01	106.86	32.02		65.0	
		Z	28.90	104.35	28.88		65.0	
10227-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	71.64	120.02	34.24	6.02	65.0	± 9.6 %
		Y	27.56	104.08	30.11		65.0	
		Z	21.67	98.19	26.50		65.0	
10228-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	83.76	133.19	40.33	6.02	65.0	± 9.6 %
		Y	27.23	111.37	34.65		65.0	
		Z	14.92	99.20	29.65		65.0	
10229-CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	X	100.00	127.75	36.66	6.02	65.0	± 9.6 %
		Y	30.46	107.22	31.48		65.0	
		Z	25.36	102.20	28.19		65.0	
10230-CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	64.64	118.06	33.66	6.02	65.0	± 9.6 %
		Y	25.67	102.71	29.64		65.0	
		Z	19.55	96.45	25.91		65.0	
10231-CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	74.78	130.72	39.63	6.02	65.0	± 9.6 %
		Y	26.26	108.74	34.10		65.0	
		Z	13.84	97.69	29.10		65.0	
10232-CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	X	100.00	127.76	36.66	6.02	65.0	± 9.6 %
		Y	30.44	107.22	31.48		65.0	
		Z	25.32	102.18	28.18		65.0	
10233-CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	X	64.74	118.10	33.67	6.02	65.0	± 9.6 %
		Y	25.65	102.71	29.64		65.0	
		Z	19.51	96.43	25.91		65.0	
10234-CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz QPSK)	X	88.79	128.16	38.87	6.02	65.0	± 9.6 %
		Y	23.59	106.16	33.53		65.0	
		Z	12.92	96.23	28.52		65.0	
10235-CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	100.00	127.77	36.66	6.02	65.0	± 9.6 %
		Y	30.53	107.28	31.50		65.0	
		Z	25.37	102.23	28.19		65.0	
10236-CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	65.78	118.34	33.72	6.02	65.0	± 9.6 %
		Y	25.93	102.67	29.68		65.0	
		Z	19.72	96.57	25.94		65.0	
10237-CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	76.22	131.13	39.74	6.02	65.0	± 9.6 %
		Y	25.46	109.93	34.16		65.0	
		Z	13.89	97.78	29.12		65.0	
10238-CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	100.00	127.78	36.66	6.02	65.0	± 9.6 %
		Y	30.42	107.23	31.48		65.0	
		Z	25.26	102.15	28.17		65.0	

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10239-CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	64.82	118.13	33.68	6.02	65.0	± 9.6 %
		Y	25.62	102.71	29.84		65.0	
		Z	19.45	96.40	25.90		65.0	
10240-CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	75.84	131.04	39.71	6.02	65.0	± 9.6 %
		Y	26.37	109.86	34.14		65.0	
		Z	13.84	97.74	29.11		65.0	
10241-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	12.34	87.77	28.06	6.98	65.0	± 9.6 %
		Y	10.01	84.69	26.80		65.0	
		Z	9.45	83.27	25.34		65.0	
10242-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	11.90	86.96	27.88	6.98	65.0	± 9.6 %
		Y	9.43	82.13	25.70		65.0	
		Z	8.88	82.07	24.81		65.0	
10243-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	9.29	83.62	27.37	6.98	65.0	± 9.6 %
		Y	7.69	79.19	25.41		65.0	
		Z	6.90	78.26	24.23		65.0	
10244-CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	11.62	86.26	22.86	3.98	65.0	± 9.6 %
		Y	9.03	81.02	21.07		65.0	
		Z	5.90	74.19	17.01		65.0	
10245-CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	11.21	84.37	22.59	3.98	65.0	± 9.6 %
		Y	8.74	80.23	20.72		65.0	
		Z	5.76	73.60	16.72		65.0	
10246-CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	13.76	91.33	25.01	3.98	65.0	± 9.6 %
		Y	8.27	82.50	21.35		65.0	
		Z	5.24	75.79	17.95		65.0	
10247-CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	8.16	80.38	21.81	3.98	65.0	± 9.6 %
		Y	6.57	76.53	19.78		65.0	
		Z	5.10	72.95	17.52		65.0	
10248-CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	7.96	79.46	21.43	3.98	65.0	± 9.6 %
		Y	6.50	75.86	19.49		65.0	
		Z	5.09	72.45	17.30		65.0	
10249-CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	14.67	92.89	26.21	3.98	65.0	± 9.6 %
		Y	9.72	85.51	23.23		65.0	
		Z	6.59	79.52	20.29		65.0	
10250-CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	8.79	81.74	23.60	3.98	65.0	± 9.6 %
		Y	7.53	78.89	22.19		65.0	
		Z	6.20	76.02	20.42		65.0	
10251-CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	8.02	78.77	22.12	3.98	65.0	± 9.6 %
		Y	7.01	76.36	20.84		65.0	
		Z	5.93	73.77	19.14		65.0	
10252-CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	12.21	89.16	25.88	3.98	65.0	± 9.6 %
		Y	8.34	84.33	23.86		65.0	
		Z	7.06	80.06	21.48		65.0	
10253-CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	7.75	77.29	21.77	3.98	65.0	± 9.6 %
		Y	6.93	75.29	20.72		65.0	
		Z	5.92	73.10	19.25		65.0	
10254-CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	9.16	78.13	22.42	3.98	65.0	± 9.6 %
		Y	7.34	76.22	21.42		65.0	
		Z	6.32	74.11	19.99		65.0	

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10255-CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	0.52	62.96	23.60	3.98	65.0	± 9.6 %
		Y	8.03	79.93	22.27		65.0	
		Z	6.80	77.07	20.60		65.0	
10256-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	10.25	82.65	21.16	3.98	65.0	± 9.6 %
		Y	7.42	77.45	18.77		65.0	
		Z	4.37	69.73	14.06		65.0	
10257-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	9.67	81.35	20.00	3.98	65.0	± 9.6 %
		Y	7.07	76.38	18.24		65.0	
		Z	4.27	69.10	13.71		65.0	
10258-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	11.24	87.41	23.98	3.98	65.0	± 9.6 %
		Y	8.32	77.82	18.98		65.0	
		Z	5.88	71.16	15.20		65.0	
10259-CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	8.37	80.75	22.38	3.98	65.0	± 9.6 %
		Y	6.95	77.37	20.62		65.0	
		Z	5.55	74.09	18.58		65.0	
10260-CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	8.31	80.29	22.23	3.98	65.0	± 9.6 %
		Y	6.94	77.04	20.51		65.0	
		Z	5.55	73.86	18.48		65.0	
10261-CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	12.47	89.95	25.58	3.98	65.0	± 9.6 %
		Y	9.00	84.05	23.10		65.0	
		Z	6.47	78.99	20.51		65.0	
10262-CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	8.78	81.69	23.56	3.98	65.0	± 9.6 %
		Y	7.52	78.83	22.15		65.0	
		Z	6.19	75.95	20.36		65.0	
10263-CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	8.01	78.76	22.12	3.98	65.0	± 9.6 %
		Y	7.00	76.35	20.63		65.0	
		Z	5.82	73.75	19.13		65.0	
10264-CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	12.07	88.92	25.56	3.98	65.0	± 9.6 %
		Y	8.25	84.11	23.56		65.0	
		Z	7.01	79.85	21.36		65.0	
10265-CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	8.04	78.09	22.05	3.98	65.0	± 9.6 %
		Y	7.13	75.81	20.97		65.0	
		Z	6.04	73.58	19.44		65.0	
10266-CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	8.44	78.91	22.74	3.98	65.0	± 9.6 %
		Y	7.55	76.88	21.73		65.0	
		Z	6.42	74.69	20.28		65.0	
10267-CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	10.11	83.73	23.66	3.98	65.0	± 9.6 %
		Y	8.41	80.47	22.25		65.0	
		Z	6.87	77.57	20.67		65.0	
10268-CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	8.39	77.19	22.02	3.98	65.0	± 9.6 %
		Y	7.55	75.61	21.20		65.0	
		Z	6.70	73.87	19.92		65.0	
10269-CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	9.26	79.63	21.86	3.98	65.0	± 9.6 %
		Y	7.58	75.05	21.07		65.0	
		Z	6.67	73.30	19.83		65.0	
10270-CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	8.88	79.53	22.20	3.98	65.0	± 9.6 %
		Y	7.84	77.34	21.20		65.0	
		Z	6.74	75.30	19.86		65.0	

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10274-CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.69	67.00	15.83	0.00	150.0	± 9.6 %
		Y	2.47	65.81	14.87		150.0	
		Z	2.60	67.27	15.58		150.0	
10275-CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	X	1.83	70.14	16.96	0.00	150.0	± 9.6 %
		Y	1.44	66.20	14.31		150.0	
		Z	1.70	69.74	16.44		150.0	
10277-CAA	PHS (QPSK)	X	3.93	66.44	11.36	9.03	50.0	± 9.6 %
		Y	3.47	64.75	10.20		50.0	
		Z	2.62	62.17	7.82		50.0	
10278-CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	X	14.82	89.25	23.47	9.03	50.0	± 9.6 %
		Y	7.61	78.00	18.87		50.0	
		Z	4.29	69.20	13.78		50.0	
10279-CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	X	14.85	89.41	23.56	9.03	50.0	± 9.6 %
		Y	7.77	78.24	18.99		50.0	
		Z	4.39	69.44	13.93		50.0	
10290-AAB	CDMA2000, RC1, SO55, Full Rate	X	2.10	73.72	17.06	0.00	150.0	± 9.6 %
		Y	1.20	65.83	12.24		150.0	
		Z	1.79	72.49	15.56		150.0	
10291-AAB	CDMA2000, RC3, SO55, Full Rate	X	1.16	70.51	15.66	0.00	150.0	± 9.6 %
		Y	0.67	63.17	10.49		150.0	
		Z	0.94	68.71	13.80		150.0	
10292-AAB	CDMA2000, RC3, SO32, Full Rate	X	1.93	79.24	19.72	0.00	150.0	± 9.6 %
		Y	0.78	65.41	12.01		150.0	
		Z	2.01	80.04	18.65		150.0	
10293-AAB	CDMA2000, RC3, SO3, Full Rate	X	4.24	91.88	24.62	0.00	150.0	± 9.6 %
		Y	0.99	68.94	14.19		150.0	
		Z	16.88	110.82	28.51		150.0	
10295-AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	X	12.27	89.66	26.50	9.03	50.0	± 9.6 %
		Y	10.64	85.72	24.40		50.0	
		Z	6.30	77.74	20.11		50.0	
10297-AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	3.09	71.44	17.51	0.00	150.0	± 9.6 %
		Y	2.59	68.47	15.73		150.0	
		Z	2.87	71.14	17.24		150.0	
10298-AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	2.03	71.15	16.52	0.00	150.0	± 9.6 %
		Y	1.39	65.75	12.91		150.0	
		Z	1.75	70.22	15.26		150.0	
10299-AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	4.86	77.12	18.36	0.00	150.0	± 9.6 %
		Y	3.14	71.60	15.64		150.0	
		Z	3.76	74.00	17.70		150.0	
10300-AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	2.97	69.66	14.52	0.00	150.0	± 9.6 %
		Y	2.26	66.25	12.46		150.0	
		Z	2.17	66.32	11.62		150.0	
10301-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	X	5.32	86.98	18.38	4.17	50.0	± 9.6 %
		Y	5.22	86.88	18.11		50.0	
		Z	4.67	85.81	17.38		50.0	
10302-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	X	5.74	87.34	18.93	4.96	50.0	± 9.6 %
		Y	5.58	86.87	18.46		50.0	
		Z	5.16	86.25	18.09		50.0	

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10303-AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	X	5.54	67.22	18.91	4.96	50.0	± 9.6 %
		Y	5.37	66.70	18.39		50.0	
		Z	4.93	65.95	17.95		50.0	
10304-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	X	5.28	66.83	18.25	4.17	50.0	± 9.6 %
		Y	5.10	66.29	17.74		50.0	
		Z	4.73	65.82	17.46		50.0	
10305-AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	X	5.67	72.27	22.34	6.02	35.0	± 9.6 %
		Y	5.72	72.48	21.90		35.0	
		Z	4.66	68.90	20.05		35.0	
10306-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	X	5.47	68.37	20.21	6.02	35.0	± 9.6 %
		Y	5.52	69.50	20.64		35.0	
		Z	4.82	67.24	19.32		35.0	
10307-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	X	5.58	70.12	21.19	6.02	35.0	± 9.6 %
		Y	5.54	70.11	20.79		35.0	
		Z	4.75	67.57	19.37		35.0	
10308-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	X	5.58	70.46	21.39	6.02	35.0	± 9.6 %
		Y	5.56	70.49	21.00		35.0	
		Z	4.74	67.84	19.54		35.0	
10309-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	X	5.56	68.68	20.38	6.02	35.0	± 9.6 %
		Y	5.61	69.80	20.81		35.0	
		Z	4.87	67.43	19.45		35.0	
10310-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	5.54	69.67	21.04	6.02	35.0	± 9.6 %
		Y	5.51	69.73	20.68		35.0	
		Z	4.78	67.38	19.33		35.0	
10311-AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	3.47	70.67	17.10	0.00	150.0	± 9.6 %
		Y	2.93	67.81	15.46		150.0	
		Z	3.26	70.40	16.86		150.0	
10313-AAA	iDEN 1:3	X	10.55	84.71	20.54	6.99	70.0	± 9.6 %
		Y	5.52	75.51	16.93		70.0	
		Z	3.35	69.99	14.11		70.0	
10314-AAA	iDEN 1:6	X	24.93	102.67	28.79	10.00	30.0	± 9.6 %
		Y	8.40	84.46	22.81		30.0	
		Z	4.59	75.67	18.98		30.0	
10315-AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	1.16	65.40	16.44	0.17	150.0	± 9.6 %
		Y	1.01	63.11	14.44		150.0	
		Z	1.08	64.77	15.73		150.0	
10316-AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	X	4.72	66.92	16.53	0.17	150.0	± 9.6 %
		Y	4.56	66.38	16.12		150.0	
		Z	4.51	66.86	16.22		150.0	
10317-AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	X	4.72	66.92	16.53	0.17	150.0	± 9.6 %
		Y	4.56	66.38	16.12		150.0	
		Z	4.51	66.86	16.22		150.0	
10400-AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	X	4.84	67.20	16.45	0.00	150.0	± 9.6 %
		Y	4.66	66.61	16.02		150.0	
		Z	4.63	67.25	16.28		150.0	
10401-AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	X	5.48	67.20	16.49	0.00	150.0	± 9.6 %
		Y	5.35	66.85	16.23		150.0	
		Z	5.28	67.24	16.32		150.0	

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10402-AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	X	0.76	67.76	16.60	0.00	150.0	± 9.6 %
		Y	5.61	67.21	16.26		150.0	
		Z	5.57	67.70	16.42		150.0	
10403-AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	2.10	73.72	17.08	0.00	115.0	± 9.6 %
		Y	1.20	65.83	12.24		115.0	
		Z	1.79	72.49	15.56		115.0	
10404-AAB	CDMA2000 (1xEV-DO, Rev. A)	X	2.10	73.72	17.08	0.00	115.0	± 9.6 %
		Y	1.20	65.83	12.24		115.0	
		Z	1.79	72.49	15.56		115.0	
10406-AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	X	100.00	122.19	31.29	0.00	100.0	± 9.6 %
		Y	29.24	105.80	27.50		100.0	
		Z	100.00	114.73	27.11		100.0	
10410-AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	X	100.00	121.06	30.81	3.23	80.0	± 9.6 %
		Y	100.00	121.88	31.03		80.0	
		Z	89.71	111.58	25.89		80.0	
10415-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	X	1.02	63.90	15.54	0.00	150.0	± 9.6 %
		Y	0.91	61.92	13.65		150.0	
		Z	0.99	63.88	15.24		150.0	
10416-AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	X	4.84	66.82	16.39	0.00	150.0	± 9.6 %
		Y	4.48	66.26	15.97		150.0	
		Z	4.48	66.96	16.25		150.0	
10417-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	X	4.84	66.82	16.39	0.00	150.0	± 9.6 %
		Y	4.48	66.26	15.97		150.0	
		Z	4.48	66.96	16.25		150.0	
10418-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preamble)	X	4.63	66.97	16.41	0.00	150.0	± 9.6 %
		Y	4.47	66.40	15.97		150.0	
		Z	4.47	67.14	16.29		150.0	
10419-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble)	X	4.65	66.92	16.41	0.00	150.0	± 9.6 %
		Y	4.49	66.36	15.96		150.0	
		Z	4.49	67.06	16.28		150.0	
10422-AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	4.79	66.52	16.42	0.00	150.0	± 9.6 %
		Y	4.51	66.37	16.01		150.0	
		Z	4.51	67.05	16.28		150.0	
10423-AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	X	4.96	67.28	16.55	0.00	150.0	± 9.6 %
		Y	4.75	66.71	16.13		150.0	
		Z	4.77	67.36	16.39		150.0	
10424-AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	X	4.86	67.24	16.52	0.00	150.0	± 9.6 %
		Y	4.70	66.65	16.10		150.0	
		Z	4.69	67.32	16.37		150.0	
10425-AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	X	5.44	67.47	16.62	0.00	150.0	± 9.6 %
		Y	5.32	67.05	16.33		150.0	
		Z	5.25	67.48	16.46		150.0	
10426-AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	X	5.45	67.50	16.63	0.00	150.0	± 9.6 %
		Y	5.32	67.00	16.33		150.0	
		Z	5.26	67.50	16.46		150.0	

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10427-AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	X	3.47	67.62	16.63	0.00	150.0	± 9.6 %
		Y	5.35	67.04	16.51		150.0	
		Z	5.28	67.50	16.46		150.0	
10430-AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	X	4.44	70.94	18.59	0.00	150.0	± 9.6 %
		Y	4.14	70.00	17.76		150.0	
		Z	4.53	72.71	19.04		150.0	
10431-AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	X	4.38	67.45	16.50	0.00	150.0	± 9.6 %
		Y	4.17	66.74	16.53		150.0	
		Z	4.16	67.60	16.51		150.0	
10432-AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	X	4.87	67.30	16.51	0.00	150.0	± 9.6 %
		Y	4.47	66.66	16.03		150.0	
		Z	4.47	67.41	16.34		150.0	
10433-AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	X	4.90	67.28	16.55	0.00	150.0	± 9.6 %
		Y	4.72	66.89	16.12		150.0	
		Z	4.71	67.36	16.39		150.0	
10434-AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.58	71.86	18.83	0.00	150.0	± 9.6 %
		Y	4.21	70.69	17.87		150.0	
		Z	4.78	74.09	19.21		150.0	
10435-AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	120.88	30.73	3.23	80.0	± 9.6 %
		Y	100.00	121.69	30.95		80.0	
		Z	66.38	108.66	25.18		80.0	
10447-AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.72	67.65	16.10	0.00	150.0	± 9.6 %
		Y	3.44	66.55	15.18		150.0	
		Z	3.50	67.81	15.74		150.0	
10448-AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	4.21	67.23	16.37	0.00	150.0	± 9.6 %
		Y	4.00	66.50	15.77		150.0	
		Z	4.02	67.40	16.13		150.0	
10449-AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1 Clipping 44%)	X	4.46	67.14	16.42	0.00	150.0	± 9.6 %
		Y	4.27	66.46	15.91		150.0	
		Z	4.28	67.27	16.28		150.0	
10450-AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1 Clipping 44%)	X	4.64	67.06	16.42	0.00	150.0	± 9.6 %
		Y	4.47	66.43	15.96		150.0	
		Z	4.47	67.16	16.26		150.0	
10451-AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	X	3.86	68.00	15.89	0.00	150.0	± 9.6 %
		Y	3.33	66.69	14.77		150.0	
		Z	3.40	68.06	15.28		150.0	
10456-AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	X	8.29	68.08	16.76	0.00	150.0	± 9.6 %
		Y	8.17	67.63	16.50		150.0	
		Z	8.11	68.01	16.58		150.0	
10457-AAA	UMTS-FDD (DC-HSDPA)	X	3.83	65.45	16.13	0.00	150.0	± 9.6 %
		Y	3.72	64.89	15.67		150.0	
		Z	3.74	65.60	15.96		150.0	
10458-AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	X	4.16	70.93	18.07	0.00	150.0	± 9.6 %
		Y	3.85	69.00	17.01		150.0	
		Z	4.35	73.12	18.49		150.0	
10459-AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	X	5.20	68.00	18.25	0.00	150.0	± 9.6 %
		Y	5.01	67.77	17.91		150.0	
		Z	5.25	69.86	18.70		150.0	

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10460-AAA	UMTS-FDD (WCDMA, AMR)	X	1.12	72.77	16.83	0.00	150.0	± 9.6 %
		Y	0.73	65.44	13.95		150.0	
		Z	1.01	71.76	16.00		150.0	
10461-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	126.43	33.93	3.29	80.0	± 9.6 %
		Y	100.00	125.87	32.93		80.0	
		Z	90.37	116.03	27.82		80.0	
10462-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	109.88	25.58	3.23	80.0	± 9.6 %
		Y	100.00	109.45	25.26		80.0	
		Z	1.10	60.79	7.88		80.0	
10463-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	106.70	24.02	3.23	80.0	± 9.6 %
		Y	49.13	98.79	22.03		80.0	
		Z	1.03	60.00	7.05		80.0	
10464-AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	124.44	32.24	3.23	80.0	± 9.6 %
		Y	100.00	123.71	31.77		80.0	
		Z	25.98	98.94	23.07		80.0	
10465-AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	109.41	25.30	3.23	80.0	± 9.6 %
		Y	100.00	108.89	24.99		80.0	
		Z	1.05	60.34	7.60		80.0	
10466-AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	106.17	23.77	3.23	80.0	± 9.6 %
		Y	17.42	87.73	19.16		80.0	
		Z	1.03	60.00	7.00		80.0	
10467-AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	124.87	32.33	3.23	80.0	± 9.6 %
		Y	100.00	123.85	31.68		80.0	
		Z	34.96	102.47	23.98		80.0	
10468-AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	109.58	25.38	3.23	80.0	± 9.6 %
		Y	100.00	109.06	25.07		80.0	
		Z	1.06	60.45	7.67		80.0	
10469-AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	106.16	23.77	3.23	80.0	± 9.6 %
		Y	18.04	88.11	19.26		80.0	
		Z	1.03	60.00	7.00		80.0	
10470-AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	124.71	32.35	3.23	80.0	± 9.6 %
		Y	100.00	123.98	31.88		80.0	
		Z	35.24	102.56	23.97		80.0	
10471-AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	109.53	25.35	3.23	80.0	± 9.6 %
		Y	100.00	109.01	25.04		80.0	
		Z	1.05	60.40	7.64		80.0	
10472-AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	106.13	23.74	3.23	80.0	± 9.6 %
		Y	17.90	88.00	19.21		80.0	
		Z	1.03	60.00	6.99		80.0	
10473-AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	124.67	32.34	3.23	80.0	± 9.6 %
		Y	100.00	123.85	31.87		80.0	
		Z	34.67	102.34	23.91		80.0	
10474-AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	109.54	25.35	3.23	80.0	± 9.6 %
		Y	100.00	109.01	25.04		80.0	
		Z	1.05	60.39	7.63		80.0	
10475-AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	106.14	23.74	3.23	80.0	± 9.6 %
		Y	17.52	87.78	19.16		80.0	
		Z	1.03	60.00	6.99		80.0	

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10477-AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	104.37	25.27	3.23	80.0	± 9.6 %
		Y	100.00	106.84	24.96		80.0	
		Z	1.00	80.28	7.55		80.0	
10478-AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	106.09	23.72	3.23	80.0	± 9.6 %
		Y	17.03	87.46	15.06		80.0	
		Z	1.00	80.00	6.98		80.0	
10479-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	32.47	106.40	30.35	3.23	80.0	± 9.6 %
		Y	23.42	102.36	28.38		80.0	
		Z	8.33	85.64	23.97		80.0	
10480-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	42.00	105.02	27.50	3.23	80.0	± 9.6 %
		Y	20.70	94.12	24.14		80.0	
		Z	6.08	76.74	17.00		80.0	
10481-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	32.83	100.01	25.80	3.23	80.0	± 9.6 %
		Y	15.07	89.36	22.38		80.0	
		Z	4.46	72.49	15.13		80.0	
10482-AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	0.20	87.36	23.04	2.23	80.0	± 9.6 %
		Y	3.94	74.35	17.65		80.0	
		Z	2.70	70.00	15.33		80.0	
10483-AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	15.24	90.75	23.81	2.23	80.0	± 9.6 %
		Y	9.78	83.78	21.08		80.0	
		Z	3.87	71.04	15.19		80.0	
10484-AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	12.87	88.08	23.00	2.23	80.0	± 9.6 %
		Y	6.49	81.59	20.36		80.0	
		Z	3.66	70.14	14.84		80.0	
10485-AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.98	85.70	23.26	2.23	80.0	± 9.6 %
		Y	4.36	76.94	19.45		80.0	
		Z	3.27	72.38	17.26		80.0	
10486-AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.38	76.17	19.56	2.23	80.0	± 9.6 %
		Y	3.79	70.74	16.72		80.0	
		Z	3.08	68.57	15.26		80.0	
10487-AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.22	75.40	19.26	2.23	80.0	± 9.6 %
		Y	3.77	70.31	16.54		80.0	
		Z	3.08	68.23	15.10		80.0	
10488-AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	6.58	81.08	22.14	2.23	80.0	± 9.6 %
		Y	4.49	74.73	18.35		80.0	
		Z	3.68	72.12	17.94		80.0	
10489-AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.86	73.47	19.42	2.23	80.0	± 9.6 %
		Y	4.01	70.32	17.71		80.0	
		Z	3.48	68.92	16.70		80.0	
10490-AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.88	72.95	19.23	2.23	80.0	± 9.6 %
		Y	4.10	70.06	17.64		80.0	
		Z	3.57	68.77	16.66		80.0	
10491-AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.95	76.55	20.70	2.23	80.0	± 9.6 %
		Y	4.52	72.06	18.69		80.0	
		Z	3.82	70.84	17.60		80.0	
10492-AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.84	71.68	18.90	2.23	80.0	± 9.6 %
		Y	4.31	69.40	17.83		80.0	
		Z	3.83	68.32	16.79		80.0	

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10493-AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.97	71.38	18.79	2.23	80.0	± 9.6 %
		Y	4.37	69.24	17.58		80.0	
		Z	3.90	68.20	16.76		80.0	
10494-AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	6.95	79.86	21.50	2.23	80.0	± 9.6 %
		Y	4.99	74.37	19.18		80.0	
		Z	4.13	72.26	18.02		80.0	
10495-AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.07	72.38	19.10	2.23	80.0	± 9.6 %
		Y	4.37	69.87	17.84		80.0	
		Z	3.87	68.70	16.98		80.0	
10496-AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.07	71.80	18.98	2.23	80.0	± 9.6 %
		Y	4.43	69.53	17.74		80.0	
		Z	3.96	68.45	16.92		80.0	
10497-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.77	64.28	21.25	2.23	80.0	± 9.6 %
		Y	2.78	69.51	14.83		80.0	
		Z	1.93	65.26	12.27		80.0	
10498-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.10	72.22	15.94	2.23	80.0	± 9.6 %
		Y	2.08	63.53	11.20		80.0	
		Z	1.49	60.84	9.11		80.0	
10499-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.88	71.14	15.38	2.23	80.0	± 9.6 %
		Y	2.02	62.98	10.80		80.0	
		Z	1.45	60.40	8.75		80.0	
10500-AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	6.85	82.59	22.44	2.23	80.0	± 9.6 %
		Y	4.30	75.01	19.09		80.0	
		Z	3.32	71.99	17.46		80.0	
10501-AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.08	74.80	19.39	2.23	80.0	± 9.6 %
		Y	3.80	70.59	17.11		80.0	
		Z	3.27	68.63	15.87		80.0	
10502-AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.08	74.42	19.19	2.23	80.0	± 9.6 %
		Y	3.94	70.36	16.98		80.0	
		Z	3.32	68.68	15.76		80.0	
10503-AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	6.47	80.76	22.03	2.23	80.0	± 9.6 %
		Y	4.42	74.51	19.24		80.0	
		Z	3.53	71.90	17.84		80.0	
10504-AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.84	73.36	19.37	2.23	80.0	± 9.6 %
		Y	3.56	70.22	17.65		80.0	
		Z	3.46	68.82	16.64		80.0	
10505-AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.85	72.84	19.17	2.23	80.0	± 9.6 %
		Y	4.07	69.98	17.58		80.0	
		Z	3.55	68.67	16.80		80.0	
10506-AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	6.87	79.65	21.49	2.23	80.0	± 9.6 %
		Y	4.94	74.20	19.10		80.0	
		Z	4.10	72.10	17.94		80.0	
10507-AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.05	72.92	19.14	2.23	80.0	± 9.6 %
		Y	4.35	69.81	17.90		80.0	
		Z	3.85	68.63	16.94		80.0	

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10508-AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.05	71.72	18.93	2.23	80.0	± 9.6 %
		Y	4.41	69.46	17.70		80.0	
		Z	3.93	68.38	16.87		80.0	
10509-AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	6.42	76.31	20.23	2.23	80.0	± 9.6 %
		Y	5.10	72.45	18.45		80.0	
		Z	4.44	71.04	17.56		80.0	
10510-AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.41	71.43	18.82	2.23	80.0	± 9.6 %
		Y	4.81	69.39	17.73		80.0	
		Z	4.34	68.44	16.99		80.0	
10511-AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.40	70.96	18.67	2.23	80.0	± 9.6 %
		Y	4.84	69.09	17.65		80.0	
		Z	4.39	68.21	16.94		80.0	
10512-AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	7.47	79.47	21.24	2.23	80.0	± 9.6 %
		Y	5.46	74.25	18.99		80.0	
		Z	4.64	72.47	17.97		80.0	
10513-AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	5.39	72.08	19.07	2.23	80.0	± 9.6 %
		Y	4.72	69.76	17.86		80.0	
		Z	4.23	68.69	17.07		80.0	
10514-AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	5.30	71.34	18.83	2.23	80.0	± 9.6 %
		Y	4.71	69.27	17.73		80.0	
		Z	4.25	68.30	16.97		80.0	
10515-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	0.99	64.18	15.67	0.00	150.0	± 9.6 %
		Y	0.87	62.03	13.65		150.0	
		Z	0.96	64.13	15.35		150.0	
10516-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	1.07	82.62	23.29	0.00	150.0	± 9.6 %
		Y	0.42	66.18	13.67		150.0	
		Z	0.79	78.03	21.08		150.0	
10517-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.89	67.34	17.01	0.00	150.0	± 9.6 %
		Y	0.70	63.35	13.75		150.0	
		Z	0.83	66.82	16.43		150.0	
10518-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	X	4.64	66.90	16.38	0.00	150.0	± 9.6 %
		Y	4.47	66.33	15.94		150.0	
		Z	4.47	67.04	16.24		150.0	
10519-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	X	4.85	67.18	16.51	0.00	150.0	± 9.6 %
		Y	4.67	66.59	16.08		150.0	
		Z	4.65	67.25	16.34		150.0	
10520-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	4.71	67.17	16.45	0.00	150.0	± 9.6 %
		Y	4.52	66.54	15.99		150.0	
		Z	4.51	67.23	16.28		150.0	
10521-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.84	67.19	16.44	0.00	150.0	± 9.6 %
		Y	4.45	66.53	15.97		150.0	
		Z	4.44	67.24	16.27		150.0	
10522-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.69	67.17	16.48	0.00	150.0	± 9.6 %
		Y	4.51	66.60	16.04		150.0	
		Z	4.50	67.33	16.35		150.0	

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10523-AAB	IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.56	67.00	16.34	0.00	150.0	± 9.6 %
		Y	4.38	66.45	15.88		150.0	
		Z	4.39	67.23	16.22		150.0	
10524-AAB	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	X	4.64	67.13	16.46	0.00	150.0	± 9.6 %
		Y	4.45	66.52	16.01		150.0	
		Z	4.44	67.24	16.32		150.0	
10525-AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	X	4.60	66.17	16.06	0.00	150.0	± 9.6 %
		Y	4.43	65.55	15.60		150.0	
		Z	4.44	66.33	15.94		150.0	
10526-AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	X	4.80	66.57	16.20	0.00	150.0	± 9.6 %
		Y	4.60	65.93	15.75		150.0	
		Z	4.61	66.68	16.07		150.0	
10527-AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	X	4.72	66.55	16.16	0.00	150.0	± 9.6 %
		Y	4.52	65.88	15.69		150.0	
		Z	4.53	66.66	16.02		150.0	
10528-AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	X	4.73	66.57	16.19	0.00	150.0	± 9.6 %
		Y	4.54	65.90	15.72		150.0	
		Z	4.55	66.67	16.05		150.0	
10529-AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	X	4.73	66.57	16.19	0.00	150.0	± 9.6 %
		Y	4.54	65.90	15.72		150.0	
		Z	4.55	66.67	16.05		150.0	
10531-AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	X	4.74	66.72	16.22	0.00	150.0	± 9.6 %
		Y	4.53	66.01	15.73		150.0	
		Z	4.53	66.77	16.06		150.0	
10532-AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	4.60	66.59	16.17	0.00	150.0	± 9.6 %
		Y	4.39	65.86	15.66		150.0	
		Z	4.40	66.64	16.01		150.0	
10533-AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	4.75	66.60	16.17	0.00	150.0	± 9.6 %
		Y	4.55	65.94	15.70		150.0	
		Z	4.56	66.70	16.05		150.0	
10534-AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	X	5.24	66.67	16.21	0.00	150.0	± 9.6 %
		Y	5.08	66.08	15.82		150.0	
		Z	5.06	66.70	16.06		150.0	
10535-AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	X	5.31	66.61	16.26	0.00	150.0	± 9.6 %
		Y	5.14	66.24	15.89		150.0	
		Z	5.12	66.86	16.13		150.0	
10536-AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	5.13	66.81	16.25	0.00	150.0	± 9.6 %
		Y	5.01	66.19	15.84		150.0	
		Z	5.00	66.94	16.11		150.0	
10537-AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	X	5.24	66.77	16.23	0.00	150.0	± 9.6 %
		Y	5.07	66.17	15.84		150.0	
		Z	5.06	66.79	16.08		150.0	
10538-AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	X	5.35	66.82	16.29	0.00	150.0	± 9.6 %
		Y	5.17	66.21	15.90		150.0	
		Z	5.14	66.79	16.12		150.0	
10540-AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	X	5.25	66.76	16.29	0.00	150.0	± 9.6 %
		Y	5.09	66.21	15.91		150.0	
		Z	5.07	66.78	16.13		150.0	

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10541-AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	X	5.24	66.69	16.24	0.00	150.0	± 9.6 %
		Y	5.06	66.06	15.84		150.0	
		Z	5.05	66.69	16.08		150.0	
10542-AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	X	5.30	66.72	16.27	0.00	150.0	± 9.6 %
		Y	5.22	66.16	15.90		150.0	
		Z	5.20	66.74	16.12		150.0	
10543-AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.47	66.74	16.29	0.00	150.0	± 9.6 %
		Y	5.30	66.21	15.95		150.0	
		Z	5.27	66.76	16.14		150.0	
10544-AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	X	5.52	66.77	16.19	0.00	150.0	± 9.6 %
		Y	5.38	66.20	15.82		150.0	
		Z	5.37	66.80	16.04		150.0	
10545-AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	5.72	67.14	16.31	0.00	150.0	± 9.6 %
		Y	5.58	66.83	15.99		150.0	
		Z	5.53	67.12	16.15		150.0	
10546-AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	X	5.61	67.04	16.28	0.00	150.0	± 9.6 %
		Y	5.45	66.44	15.91		150.0	
		Z	5.43	66.99	16.10		150.0	
10547-AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.70	67.12	16.31	0.00	150.0	± 9.6 %
		Y	5.53	66.49	15.92		150.0	
		Z	5.50	67.02	16.11		150.0	
10548-AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	5.93	67.96	16.70	0.00	150.0	± 9.6 %
		Y	5.82	67.53	16.41		150.0	
		Z	5.64	67.83	16.39		150.0	
10550-AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	X	5.63	67.00	16.27	0.00	150.0	± 9.6 %
		Y	5.47	66.43	15.91		150.0	
		Z	5.45	67.00	16.12		150.0	
10551-AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	X	5.65	67.07	16.26	0.00	150.0	± 9.6 %
		Y	5.48	66.48	15.89		150.0	
		Z	5.46	67.04	16.10		150.0	
10552-AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	5.55	66.86	16.16	0.00	150.0	± 9.6 %
		Y	5.39	66.26	15.80		150.0	
		Z	5.39	66.89	16.04		150.0	
10553-AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.60	66.91	16.22	0.00	150.0	± 9.6 %
		Y	5.48	66.32	15.86		150.0	
		Z	5.47	66.91	16.07		150.0	
10554-AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	5.92	67.13	16.27	0.00	150.0	± 9.6 %
		Y	5.78	66.58	15.93		150.0	
		Z	5.77	67.13	16.11		150.0	
10555-AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	6.06	67.44	16.38	0.00	150.0	± 9.6 %
		Y	5.92	66.89	16.06		150.0	
		Z	5.86	67.38	16.21		150.0	
10556-AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	X	6.07	67.47	16.40	0.00	150.0	± 9.6 %
		Y	5.94	66.94	16.07		150.0	
		Z	5.90	67.42	16.23		150.0	
10557-AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	6.06	67.43	16.40	0.00	150.0	± 9.6 %
		Y	5.91	66.85	16.05		150.0	
		Z	5.87	67.36	16.22		150.0	

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10558-AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	5.11	67.60	16.50	0.00	150.0	± 9.6 %
		Y	5.96	67.02	16.15		150.0	
		Z	5.91	67.50	16.30		150.0	
10560-AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	5.11	67.46	16.47	0.00	150.0	± 9.6 %
		Y	5.95	66.87	16.11		150.0	
		Z	5.92	67.38	16.28		150.0	
10561-AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	5.02	67.40	16.48	0.00	150.0	± 9.6 %
		Y	5.87	66.84	16.13		150.0	
		Z	5.84	67.33	16.29		150.0	
10562-AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	X	5.16	67.62	16.69	0.00	150.0	± 9.6 %
		Y	6.01	67.26	16.35		150.0	
		Z	5.93	67.63	16.44		150.0	
10563-AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	X	6.47	68.29	16.86	0.00	150.0	± 9.6 %
		Y	6.34	67.82	16.58		150.0	
		Z	6.09	67.70	16.43		150.0	
10564-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	X	4.97	66.98	16.53	0.46	150.0	± 9.6 %
		Y	4.81	66.46	16.14		150.0	
		Z	4.78	67.02	16.32		150.0	
10565-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	X	5.23	67.46	16.85	0.46	150.0	± 9.6 %
		Y	5.05	66.93	16.47		150.0	
		Z	5.01	67.49	16.66		150.0	
10566-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	X	5.06	67.34	16.88	0.46	150.0	± 9.6 %
		Y	4.88	66.77	16.28		150.0	
		Z	4.84	67.32	16.46		150.0	
10567-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	X	5.09	67.74	17.04	0.46	150.0	± 9.6 %
		Y	4.91	67.15	16.63		150.0	
		Z	4.85	67.80	16.87		150.0	
10568-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	X	4.97	67.07	16.45	0.46	150.0	± 9.6 %
		Y	4.80	66.54	16.06		150.0	
		Z	4.74	67.03	16.19		150.0	
10569-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	X	5.03	67.76	17.08	0.46	150.0	± 9.6 %
		Y	4.86	67.22	16.68		150.0	
		Z	4.85	67.93	16.95		150.0	
10570-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	X	5.08	67.62	17.01	0.46	150.0	± 9.6 %
		Y	4.90	67.08	16.62		150.0	
		Z	4.88	67.73	16.86		150.0	
10571-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	X	1.32	66.77	17.12	0.46	130.0	± 9.6 %
		Y	1.14	64.23	15.06		130.0	
		Z	1.17	65.20	15.68		130.0	
10572-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.36	67.60	17.59	0.46	130.0	± 9.6 %
		Y	1.16	64.80	15.38		130.0	
		Z	1.19	65.96	18.20		130.0	
10573-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	100.00	150.25	40.35	0.46	130.0	± 9.6 %
		Y	1.94	61.80	20.21		130.0	
		Z	5.37	101.40	27.76		130.0	
10574-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	1.88	77.53	22.17	0.46	130.0	± 9.6 %
		Y	1.28	70.31	17.99		130.0	
		Z	1.45	73.93	20.12		130.0	

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10575-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	X	4.77	66.82	16.63	0.46	130.0	± 9.6 %
		Y	4.62	66.32	16.23		130.0	
		Z	4.56	66.75	16.29		130.0	
10576-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	X	4.80	66.99	16.69	0.46	130.0	± 9.6 %
		Y	4.64	66.47	16.29		130.0	
		Z	4.59	66.94	16.38		130.0	
10577-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	X	5.03	67.31	16.86	0.46	130.0	± 9.6 %
		Y	4.85	66.78	16.47		130.0	
		Z	4.78	67.21	16.54		130.0	
10578-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	X	4.93	67.50	16.98	0.46	130.0	± 9.6 %
		Y	4.75	66.94	16.57		130.0	
		Z	4.69	67.42	16.68		130.0	
10579-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	X	4.69	66.84	16.33	0.46	130.0	± 9.6 %
		Y	4.52	66.24	15.89		130.0	
		Z	4.43	66.57	15.89		130.0	
10580-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	X	4.74	66.81	16.32	0.46	130.0	± 9.6 %
		Y	4.57	66.26	15.90		130.0	
		Z	4.47	66.59	15.90		130.0	
10581-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	X	4.83	67.59	16.95	0.46	130.0	± 9.6 %
		Y	4.65	66.98	16.51		130.0	
		Z	4.59	67.47	16.62		130.0	
10582-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	X	4.64	66.58	16.12	0.46	130.0	± 9.6 %
		Y	4.47	66.00	15.67		130.0	
		Z	4.36	66.28	15.65		130.0	
10583-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.77	66.82	16.63	0.46	130.0	± 9.6 %
		Y	4.62	66.32	16.23		130.0	
		Z	4.56	66.75	16.29		130.0	
10584-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.80	66.99	16.69	0.46	130.0	± 9.6 %
		Y	4.64	66.47	16.29		130.0	
		Z	4.59	66.94	16.38		130.0	
10585-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	5.03	67.31	16.86	0.46	130.0	± 9.6 %
		Y	4.85	66.78	16.47		130.0	
		Z	4.78	67.21	16.54		130.0	
10586-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	4.93	67.50	16.98	0.46	130.0	± 9.6 %
		Y	4.75	66.94	16.57		130.0	
		Z	4.69	67.42	16.68		130.0	
10587-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	4.69	66.84	16.33	0.46	130.0	± 9.6 %
		Y	4.52	66.24	15.89		130.0	
		Z	4.43	66.57	15.89		130.0	
10588-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	4.74	66.81	16.32	0.46	130.0	± 9.6 %
		Y	4.57	66.26	15.90		130.0	
		Z	4.47	66.59	15.90		130.0	
10589-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	X	4.83	67.59	16.95	0.46	130.0	± 9.6 %
		Y	4.65	66.98	16.51		130.0	
		Z	4.59	67.47	16.62		130.0	
10590-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X	4.64	66.58	16.12	0.46	130.0	± 9.6 %
		Y	4.47	66.00	15.67		130.0	
		Z	4.36	66.28	15.65		130.0	

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10591-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.82	66.87	16.71	0.46	130.0	± 9.6 %
		Y	4.77	66.38	16.34		130.0	
		Z	4.71	66.82	16.40		130.0	
10592-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	5.09	67.22	16.84	0.46	130.0	± 9.6 %
		Y	4.93	66.72	16.47		130.0	
		Z	4.86	67.15	16.53		130.0	
10593-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	X	5.02	67.17	16.74	0.46	130.0	± 9.6 %
		Y	4.85	66.64	16.36		130.0	
		Z	4.77	67.04	16.40		130.0	
10594-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	5.07	67.32	16.89	0.46	130.0	± 9.6 %
		Y	4.90	66.80	16.51		130.0	
		Z	4.83	67.23	16.57		130.0	
10595-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	5.05	67.28	16.79	0.46	130.0	± 9.6 %
		Y	4.87	66.75	16.40		130.0	
		Z	4.80	67.17	16.46		130.0	
10596-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	X	4.98	67.29	16.80	0.46	130.0	± 9.6 %
		Y	4.81	66.75	16.40		130.0	
		Z	4.73	67.16	16.45		130.0	
10597-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	X	4.94	67.23	16.70	0.46	130.0	± 9.6 %
		Y	4.76	66.66	16.29		130.0	
		Z	4.68	67.05	16.33		130.0	
10598-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	4.82	67.49	16.86	0.46	130.0	± 9.6 %
		Y	4.74	66.90	16.55		130.0	
		Z	4.68	67.34	16.63		130.0	
10599-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.58	67.43	16.88	0.46	130.0	± 9.6 %
		Y	5.44	66.96	16.56		130.0	
		Z	5.34	67.25	16.55		130.0	
10600-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	5.74	67.88	17.07	0.46	130.0	± 9.6 %
		Y	5.60	67.47	16.79		130.0	
		Z	5.43	67.51	16.64		130.0	
10601-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	5.61	67.61	16.95	0.46	130.0	± 9.6 %
		Y	5.48	67.17	16.66		130.0	
		Z	5.35	67.37	16.60		130.0	
10602-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	X	5.70	67.58	16.86	0.46	130.0	± 9.6 %
		Y	5.56	67.17	16.58		130.0	
		Z	5.45	67.40	16.52		130.0	
10603-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.80	67.93	17.16	0.46	130.0	± 9.6 %
		Y	5.65	67.49	16.87		130.0	
		Z	5.52	67.69	16.91		130.0	
10604-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	X	5.58	67.37	16.87	0.46	130.0	± 9.6 %
		Y	5.44	66.92	16.57		130.0	
		Z	5.37	67.27	16.68		130.0	
10605-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	5.68	67.64	17.00	0.46	130.0	± 9.6 %
		Y	5.56	67.28	16.75		130.0	
		Z	5.48	67.44	16.86		130.0	
10606-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	X	5.46	67.16	16.84	0.46	130.0	± 9.6 %
		Y	5.33	66.89	16.32		130.0	
		Z	5.20	66.87	16.23		130.0	

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10607-AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.76	66.21	16.35	0.46	130.0	± 9.6 %
		Y	4.60	65.66	15.94		130.0	
		Z	4.55	66.17	16.05		130.0	
10608-AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.97	66.64	16.51	0.46	130.0	± 9.6 %
		Y	4.79	66.07	16.11		130.0	
		Z	4.73	66.56	16.21		130.0	
10609-AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	X	4.86	66.52	16.38	0.46	130.0	± 9.6 %
		Y	4.68	65.92	15.94		130.0	
		Z	4.62	66.40	16.04		130.0	
10610-AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	X	4.91	66.68	16.54	0.46	130.0	± 9.6 %
		Y	4.73	66.08	16.11		130.0	
		Z	4.67	66.58	16.22		130.0	
10611-AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	4.93	66.50	16.39	0.46	130.0	± 9.6 %
		Y	4.65	65.89	15.96		130.0	
		Z	4.59	66.38	16.05		130.0	
10612-AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	4.85	66.66	16.44	0.46	130.0	± 9.6 %
		Y	4.66	66.04	16.00		130.0	
		Z	4.59	66.49	16.08		130.0	
10613-AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	4.86	66.57	16.33	0.46	130.0	± 9.6 %
		Y	4.67	65.94	15.89		130.0	
		Z	4.59	66.36	15.95		130.0	
10614-AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	4.80	66.77	16.57	0.46	130.0	± 9.6 %
		Y	4.60	66.11	16.11		130.0	
		Z	4.55	66.63	16.24		130.0	
10615-AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	4.83	66.31	16.17	0.46	130.0	± 9.6 %
		Y	4.65	65.72	15.74		130.0	
		Z	4.57	66.14	15.79		130.0	
10616-AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	5.40	66.72	16.51	0.46	130.0	± 9.6 %
		Y	5.25	66.20	16.17		130.0	
		Z	5.18	66.58	16.21		130.0	
10617-AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	X	5.46	66.82	16.52	0.46	130.0	± 9.6 %
		Y	5.32	66.35	16.21		130.0	
		Z	5.23	66.70	16.24		130.0	
10618-AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	5.36	66.91	16.59	0.46	130.0	± 9.6 %
		Y	5.20	66.37	16.23		130.0	
		Z	5.13	66.77	16.30		130.0	
10619-AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.38	66.73	16.44	0.46	130.0	± 9.6 %
		Y	5.23	66.21	16.09		130.0	
		Z	5.14	66.53	16.10		130.0	
10620-AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.40	66.81	16.52	0.46	130.0	± 9.6 %
		Y	5.33	66.26	16.17		130.0	
		Z	5.23	66.56	16.17		130.0	
10621-AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.47	66.89	16.68	0.46	130.0	± 9.6 %
		Y	5.31	66.35	16.33		130.0	
		Z	5.24	66.76	16.40		130.0	
10622-AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	5.47	67.00	16.72	0.46	130.0	± 9.6 %
		Y	5.33	66.52	16.41		130.0	
		Z	5.26	66.89	16.45		130.0	

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10823-AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.36	66.59	16.41	0.46	130.0	± 9.6 %
		Y	5.20	66.04	16.05		130.0	
		Z	5.12	66.39	16.07		130.0	
10824-AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	X	5.54	66.74	16.54	0.46	130.0	± 9.6 %
		Y	5.40	66.26	16.22		130.0	
		Z	5.31	66.89	16.23		130.0	
10825-AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	5.91	67.68	17.05	0.46	130.0	± 9.6 %
		Y	5.81	67.35	16.82		130.0	
		Z	5.90	67.33	16.86		130.0	
10826-AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.66	66.76	16.44	0.46	130.0	± 9.6 %
		Y	5.54	66.25	16.12		130.0	
		Z	5.47	66.84	16.16		130.0	
10827-AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	5.90	67.26	16.84	0.46	130.0	± 9.6 %
		Y	5.79	66.84	16.38		130.0	
		Z	5.67	67.08	16.34		130.0	
10828-AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.73	66.91	16.42	0.46	130.0	± 9.6 %
		Y	5.58	66.38	16.08		130.0	
		Z	5.49	66.66	16.06		130.0	
10829-AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	5.81	66.97	16.43	0.46	130.0	± 9.6 %
		Y	5.67	66.48	16.13		130.0	
		Z	5.56	66.69	16.07		130.0	
10830-AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	X	6.26	68.50	17.19	0.46	130.0	± 9.6 %
		Y	6.18	68.17	16.96		130.0	
		Z	5.83	67.70	16.58		130.0	
10831-AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	6.19	68.38	17.32	0.46	130.0	± 9.6 %
		Y	6.03	67.83	16.99		130.0	
		Z	5.86	67.92	16.80		130.0	
10832-AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	X	5.88	67.37	16.63	0.46	130.0	± 9.6 %
		Y	5.75	66.88	16.63		130.0	
		Z	5.67	67.23	16.57		130.0	
10833-AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	5.81	67.14	16.55	0.46	130.0	± 9.6 %
		Y	5.64	66.53	16.16		130.0	
		Z	5.57	66.86	16.21		130.0	
10834-AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	5.79	67.15	16.62	0.46	130.0	± 9.6 %
		Y	5.63	66.56	16.28		130.0	
		Z	5.56	66.96	16.31		130.0	
10835-AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.66	66.48	16.03	0.46	130.0	± 9.6 %
		Y	5.52	65.92	15.67		130.0	
		Z	5.41	66.16	15.92		130.0	
10836-AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	6.07	67.13	16.52	0.46	130.0	± 9.6 %
		Y	5.95	66.65	16.23		130.0	
		Z	5.87	66.97	16.23		130.0	
10837-AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	6.23	67.50	16.68	0.46	130.0	± 9.6 %
		Y	6.11	67.04	16.40		130.0	
		Z	6.00	67.28	16.36		130.0	
10838-AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	6.23	67.47	16.65	0.46	130.0	± 9.6 %
		Y	6.11	67.00	16.36		130.0	
		Z	6.01	67.28	16.34		130.0	

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10639-AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	6.23	67.49	16.78	0.46	130.0	± 9.6 %
		Y	6.09	66.87	16.39		130.0	
		Z	6.00	67.25	16.37		130.0	
10640-AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	6.25	67.53	16.67	0.46	130.0	± 9.6 %
		Y	6.11	67.01	16.36		130.0	
		Z	5.99	67.21	16.25		130.0	
10641-AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	X	6.25	67.31	16.57	0.46	130.0	± 9.6 %
		Y	6.13	66.85	16.30		130.0	
		Z	6.03	67.11	16.26		130.0	
10642-AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	X	6.33	67.65	16.91	0.46	130.0	± 9.6 %
		Y	6.16	67.13	16.60		130.0	
		Z	6.10	67.47	16.62		130.0	
10643-AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	6.15	67.31	16.65	0.46	130.0	± 9.6 %
		Y	6.02	66.82	16.34		130.0	
		Z	5.91	67.06	16.30		130.0	
10644-AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	6.35	67.93	16.96	0.46	130.0	± 9.6 %
		Y	6.21	67.40	16.65		130.0	
		Z	6.05	67.49	16.53		130.0	
10645-AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	X	6.71	68.51	17.21	0.46	130.0	± 9.6 %
		Y	6.68	68.36	17.09		130.0	
		Z	6.25	67.70	16.59		130.0	
10646-AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	86.17	140.32	45.40	9.30	60.0	± 9.6 %
		Y	39.04	122.44	40.63		60.0	
		Z	18.19	104.43	33.83		60.0	
10647-AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	X	80.45	139.77	45.43	9.30	60.0	± 9.6 %
		Y	36.72	121.84	40.66		60.0	
		Z	16.41	102.96	33.52		60.0	
10648-AAA	CDMA2000 (1x Advanced)	X	0.87	66.51	13.20	0.00	150.0	± 9.6 %
		Y	0.58	61.72	9.15		150.0	
		Z	0.69	64.69	11.24		150.0	
10652-AAD	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	4.31	69.00	17.79	2.23	80.0	± 9.6 %
		Y	3.89	67.39	16.71		80.0	
		Z	3.84	67.10	16.29		80.0	
10653-AAD	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	4.72	67.91	17.64	2.23	80.0	± 9.6 %
		Y	4.40	66.72	16.87		80.0	
		Z	4.16	66.49	16.48		80.0	
10654-AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	X	4.84	67.52	17.60	2.23	80.0	± 9.6 %
		Y	4.36	66.39	16.88		80.0	
		Z	4.14	66.16	16.50		80.0	
10655-AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.69	67.54	17.64	2.23	80.0	± 9.6 %
		Y	4.42	66.40	16.92		80.0	
		Z	4.19	66.14	16.53		80.0	
10658-AAA	Pulse Waveform (200Hz, 10%)	X	100.00	116.59	30.15	10.00	50.0	± 9.6 %
		Y	27.27	97.34	24.81		50.0	
		Z	5.41	73.00	14.99		50.0	
10659-AAA	Pulse Waveform (200Hz, 20%)	X	100.00	114.08	27.78	6.99	60.0	± 9.6 %
		Y	100.00	111.98	26.70		60.0	
		Z	5.08	79.96	14.50		60.0	

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10660-AAA	Pulse Waveform (200Hz, 40%)	X	100.00	113.57	26.20	3.98	80.0	± 9.6 %
		Y	100.00	108.48	23.71		80.0	
		Z	17.55	86.88	16.64		80.0	
10661-AAA	Pulse Waveform (200Hz, 60%)	X	100.00	116.76	26.28	2.22	100.0	± 9.6 %
		Y	100.00	105.43	21.11		100.0	
		Z	100.00	100.82	18.62		100.0	
10662-AAA	Pulse Waveform (200Hz, 80%)	X	100.00	127.89	28.96	0.97	120.0	± 9.6 %
		Y	3.43	74.94	10.68		120.0	
		Z	100.00	98.67	16.42		120.0	
10670-AAA	Bluetooth Low Energy	X	100.00	117.22	26.83	2.19	100.0	± 9.6 %
		Y	100.00	107.88	22.47		100.0	
		Z	100.00	104.58	20.49		100.0	

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

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8. Uncertainty Budget

Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√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	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√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	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	4.81%	N	1	1	0.64	0.43	3.08%	2.07%	M
Liquid Conductivity (mea.)	4.07%	N	1	1	0.6	0.49	2.44%	1.99%	M
Combined standard uncertainty		RSS					12.36%	12.05%	
Expant uncertainty (95% confidence interval), K=2							24.71%	24.11%	

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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	Probability Distributio	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	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√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	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√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	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	4.33%	N	1	1	0.64	0.43	2.77%	1.86%	M
Liquid Conductivity (mea.)	4.43%	N	1	1	0.6	0.49	2.66%	2.17%	M
Combined standard uncertainty		RSS					12.05%	11.76%	
Expant uncertainty (95% confidence interval), K=2							24.09%	23.52%	

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9.Phantom Description

Schmid & Partner Engineering AG
s p e a g
Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 44 245 9700, Fax +41 44 245 9779
info@speag.com, http://www.speag.com

Certificate of Conformity / First Article Inspection

Item	Oval Flat Phantom ELI 5.0
Type No	QD OVA 002 A
Series No	1108 and higher
Manufacturer	Untersee Composites Knebelstrasse 8, CH-8268 Mannenbach, Switzerland

Tests
Complete tests were made on the prototype units QD OVA 001 A, pre-series units QD OVA 001 B as well as on some series units QD OVA 001 B. Some tests are made on all series units QD OVA 002 A.

Test	Requirement	Details	Units tested
Shape	Internal dimensions, depth and sagging are compatible with standards	Bottom elliptical 600 x 400 mm, Depth 190 mm, dimension compliant with [1] for f > 375 MHz	Prototypes
Material thickness	Bottom: 2.0mm +/- 0.2mm	dimension compliant with [3] for f > 800 MHz	all
Material parameters	rel. permittivity 2 – 5, loss tangent ≤ 0.05, at f ≤ 6 GHz	rel. permittivity 3.5 +/- 0.5 loss tangent ≤ 0.05	Material samples
Material resistivity	Compatibility with tissue simulating liquids .	Compatible with SPEAG liquids. **	Phantoms, Material sample
Sagging	Sagging of the flat section in tolerance when filled with tissue simulating liquid.	within tolerance for filling height up to 155 mm	Prototypes, samples

** Note: Compatibility restrictions apply certain liquid components mentioned in the standard, containing e.g. DGBE, DGMHE or Triton X-100. Observe technical note on material compatibility.

Standards
[1] OET Bulletin 65, Supplement C, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", Edition 01-01
[2] IEEE 1528-2003, "Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques, December 2003
[3] IEC 62209–1 ed1.0, "Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 1: Procedure to determine the specific absorption rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)", 2005-02-18
[4] IEC 62209–2 ed1.0, "Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", 2010-03-30

Conformity
Based on the sample tests above, we certify that this item is in compliance with the uncertainty requirements of body-worn SAR measurements and system performance checks as specified in [1 – 4] and further standards.

Date 25.7.2011

Signature / Stamp

s p e a g
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Doc No 881 – QD OVA 002 A - A Page 1 (1)

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10. System Validation from Original Equipment Supplier

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

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

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

Accreditation No.: SCS 0108

Client Auden

Certificate No: D750V3-1078_Jun18

CALIBRATION CERTIFICATE

Object D750V3 - SN:1078

Calibration procedure(s) QA CAL-05.v10
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: June 20, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: June 21, 2018

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

Certificate No: D750V3-1078_Jun18 Page 1 of 8

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Accreditation No.: SCS 0108

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

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Measurement Conditions

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

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	750 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.9	0.89 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.9 ± 6 %	0.90 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.09 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**8.25 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**5.38 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	55.5	0.96 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	55.2 ± 6 %	0.96 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	----	----

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	2.16 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**8.63 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	1.43 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**5.72 W/kg ± 16.5 % (k=2)**

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	55.8 Ω + 0.8 jΩ
Return Loss	- 25.3 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	50.5 Ω - 3.3 jΩ
Return Loss	- 29.5 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.038 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	November 15, 2012

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Member of SGS Group

DASY5 Validation Report for Head TSL

Date: 14.06.2018

Test Laboratory: SPEAG, Zurich, Switzerland

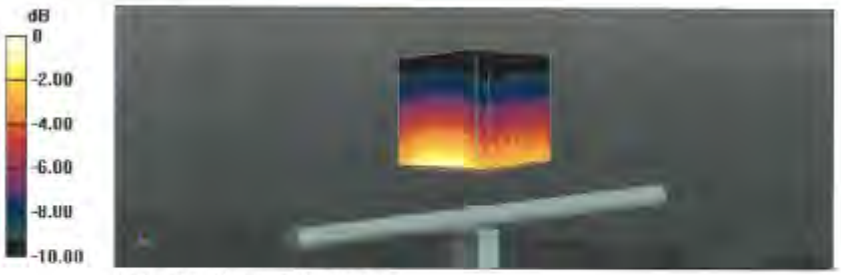
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1078

Communication System: UID 0 - CW; Frequency: 750 MHz
Medium parameters used: f = 750 MHz; σ = 0.9 S/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(10.22, 10.22, 10.22) @ 750 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (front); Type: QD 000L P49 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Head Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.18 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.36 W/kg
Maximum value of SAR (measured) = 2.79 W/kg



0 dB = 2.79 W/kg = 4.46 dBW/kg

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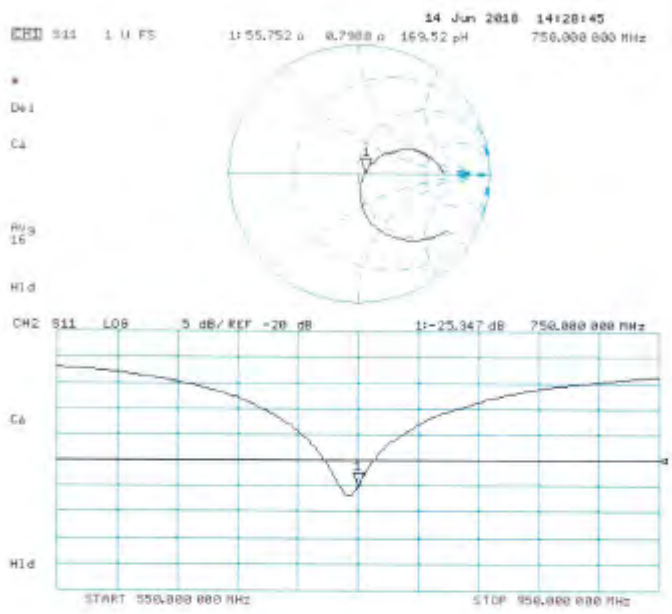
Impedance Measurement Plot for Head TSL



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DASY5 Validation Report for Body TSL

Date: 20.06.2018

Test Laboratory: SPEAG, Zurich, Switzerland

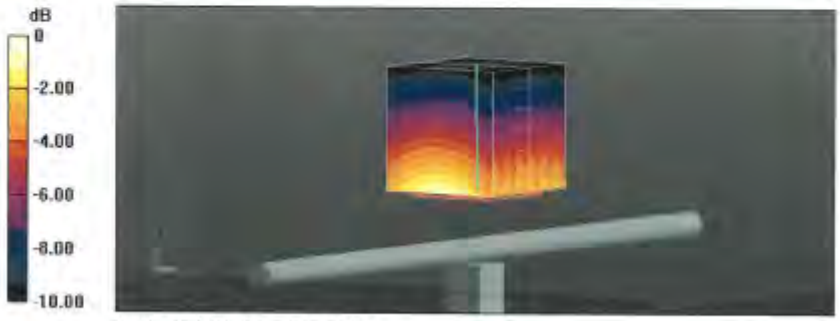
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1078

Communication System: UID 0 - CW; Frequency: 750 MHz
Medium parameters used: f = 750 MHz; σ = 0.96 S/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(10.19, 10.19, 10.19) @ 750 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (Back); Type: QD 00R P49 AA; Serial: 1005
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Body Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.54 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.18 W/kg
SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.43 W/kg
Maximum value of SAR (measured) = 2.85 W/kg



0 dB = 2.85 W/kg = 4.55 dBW/kg

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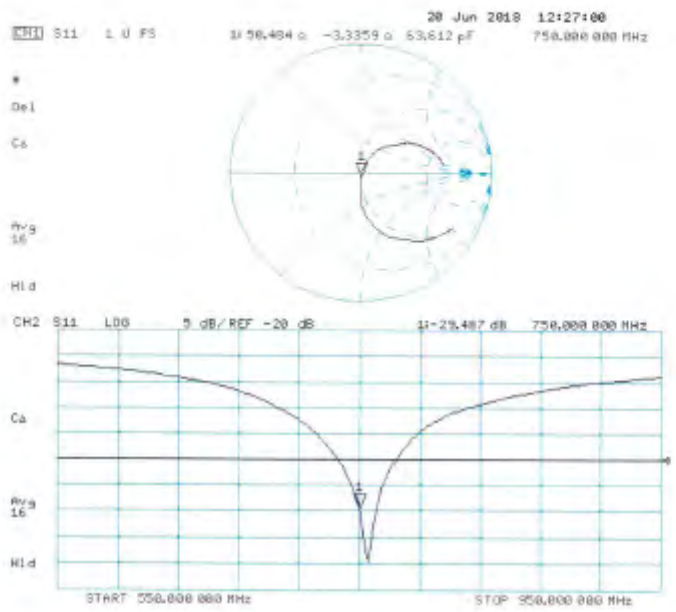
Impedance Measurement Plot for Body TSL



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Accreditation No.: SCS 0108

Client: Auden

Certificate No: D835V2-4d120_Jun18

CALIBRATION CERTIFICATE

Object: D835V2 - SN:4d120

Calibration procedure(s): QA CAL-05.v10
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: June 20, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMY-01	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: June 21, 2018

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Accreditation No.: SCS 0108

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

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Measurement Conditions

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

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	835 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.5	0.90 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.7 ± 6 %	0.93 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.41 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**9.37 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.55 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**6.06 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	55.2	0.97 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	55.0 ± 6 %	0.99 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	----	----

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	2.46 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**9.68 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	1.61 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**6.36 W/kg ± 16.5 % (k=2)**

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.5 Ω - 3.1 jΩ
Return Loss	- 29.3 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	48.3 Ω - 5.8 jΩ
Return Loss	- 24.3 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.398 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	June 29, 2010

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DASY5 Validation Report for Head TSL

Date: 20.06.2018

Test Laboratory: SPEAG, Zurich, Switzerland

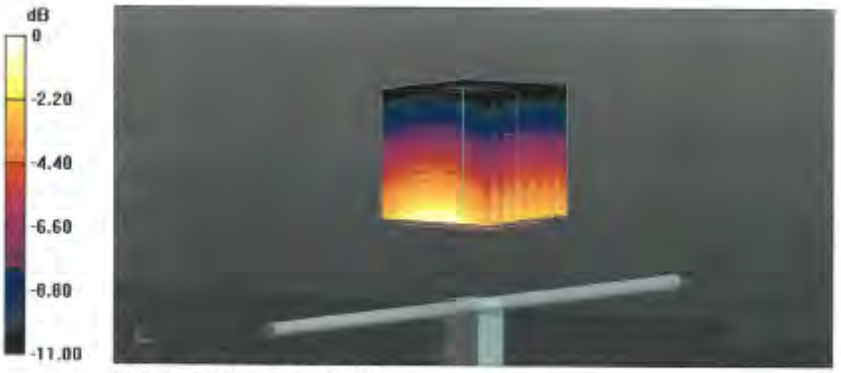
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d120

Communication System: UID 0 - CW; Frequency: 835 MHz
Medium parameters used: f = 835 MHz; σ = 0.93 S/m; ε_r = 40.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(9.9, 9.9, 9.9) @ 835 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (front); Type: QD 000L P49 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Head Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 62.60 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.71 W/kg
SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.55 W/kg
Maximum value of SAR (measured) = 3.27 W/kg



0 dB = 3.27 W/kg = 5.15 dBW/kg

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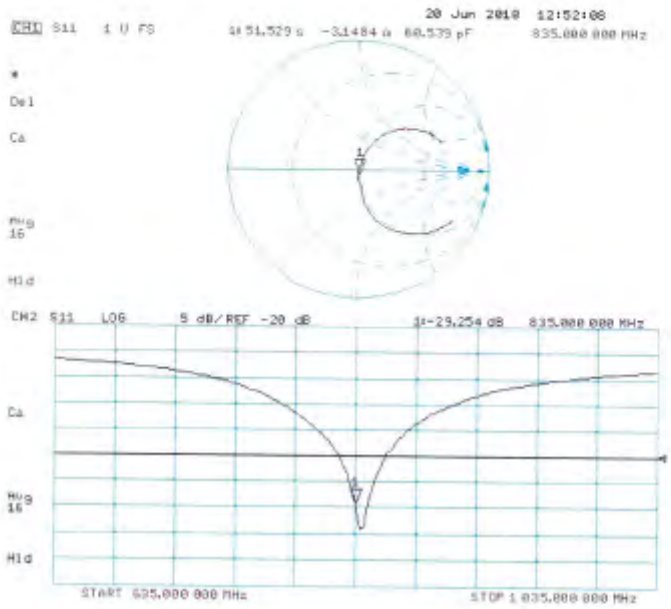
Impedance Measurement Plot for Head TSL



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DASY5 Validation Report for Body TSL

Date: 20.06.2018

Test Laboratory: SPEAG, Zurich, Switzerland

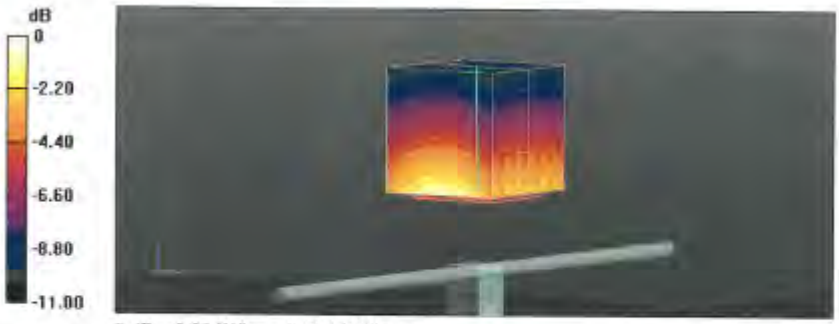
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d120

Communication System: UID 0 - CW; Frequency: 835 MHz
Medium parameters used: f = 835 MHz; σ = 0.99 S/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(10.05, 10.05, 10.05) @ 835 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (Back); Type: QD 000R P49 AA; Serial: 1005
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Body Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 61.00 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.61 W/kg
Maximum value of SAR (measured) = 3.28 W/kg



0 dB = 3.28 W/kg = 5.16 dBW/kg

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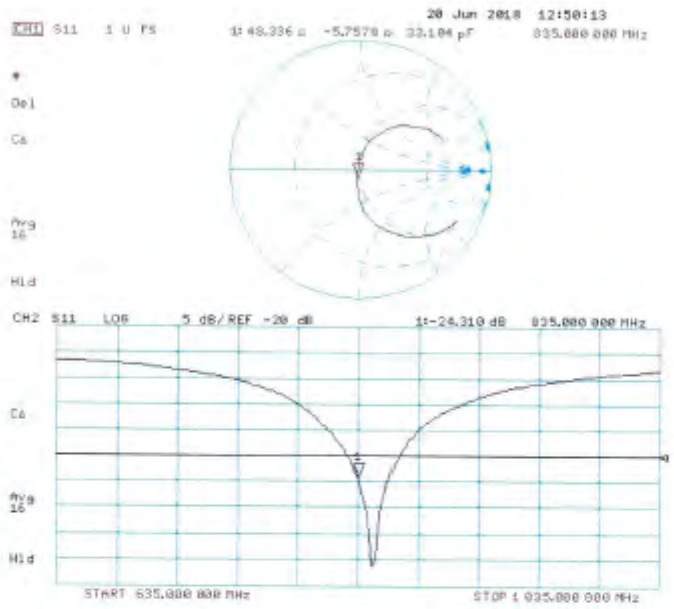
Impedance Measurement Plot for Body TSL



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Accreditation No.: SCS 0108

Client: Auden

Certificate No: D1750V2-1023_Jun18

CALIBRATION CERTIFICATE

Object: D1750V2 - SN:1023

Calibration procedure(s): QA CAL-05.v10
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: June 11, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRF	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Jelon Kastali	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: June 11, 2018

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Accreditation No.: SCS 0108

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

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Measurement Conditions

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

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	1750 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	40.1	1.37 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	39.0 ± 6 %	1.36 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	9.10 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**36.3 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	4.82 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**19.3 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	53.4	1.49 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	53.6 ± 6 %	1.47 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	----	----

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	9.12 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**36.8 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	4.90 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**19.7 W/kg ± 16.5 % (k=2)**

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.0 Ω - 0.5 jΩ
Return Loss	- 39.1 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	46.0 Ω + 0.3 jΩ
Return Loss	- 27.5 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.217 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	August 20, 2009

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DASY5 Validation Report for Head TSL

Date: 11.06.2018

Test Laboratory: SPEAG, Zurich, Switzerland

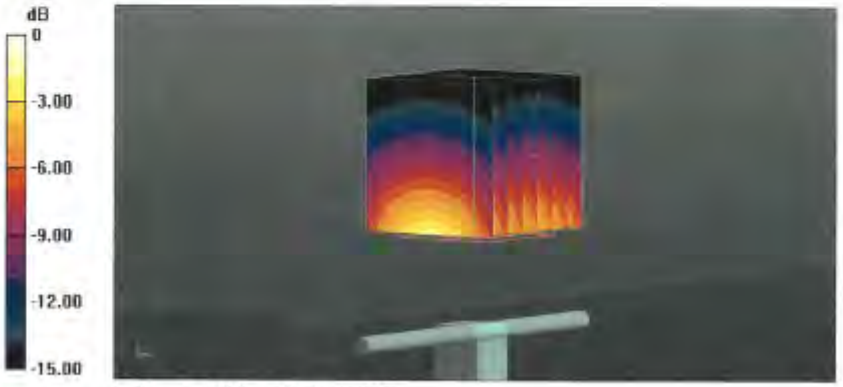
DUT: Dipole 1750 MHz; Type: D1750V2; Serial: D1750V2 - SN:1023

Communication System: UID 0 - CW; Frequency: 1750 MHz
Medium parameters used: f = 1750 MHz; σ = 1.36 S/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.5, 8.5, 8.5) @ 1750 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.5 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.1 W/kg; SAR(10 g) = 4.82 W/kg
Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

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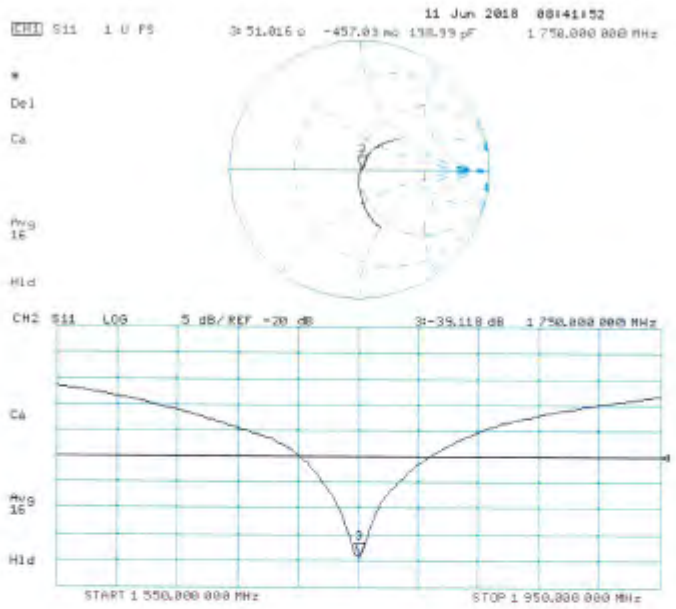
Impedance Measurement Plot for Head TSL



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DASY5 Validation Report for Body TSL

Date: 11.06.2018

Test Laboratory: SPEAG, Zurich, Switzerland

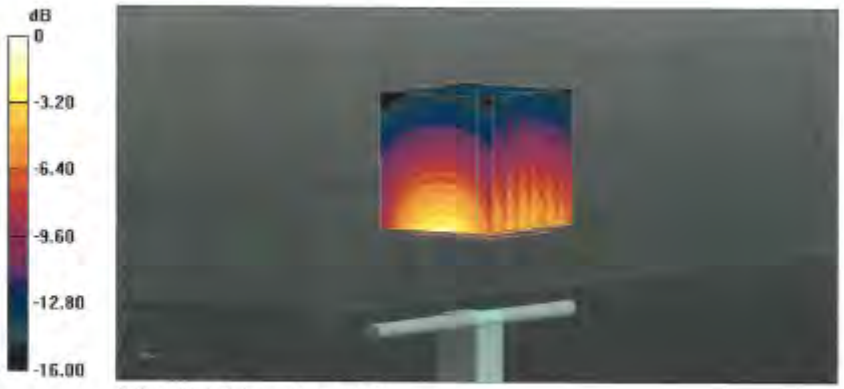
DUT: Dipole 1750 MHz; Type: D1750V2; Serial: D1750V2 - SN:1023

Communication System: UID 0 - CW; Frequency: 1750 MHz
Medium parameters used: f = 1750 MHz; σ = 1.47 S/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.35, 8.35, 8.35) @ 1750 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.3 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 15.8 W/kg
SAR(1 g) = 9.12 W/kg; SAR(10 g) = 4.9 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

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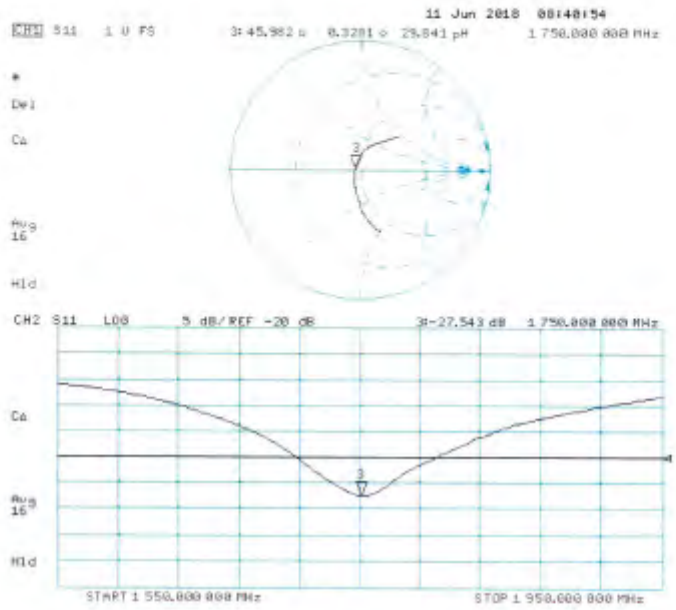
Impedance Measurement Plot for Body TSL



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Accreditation No.: SCS 0108

Client: SGS-TW (Auden)

Certificate No: D1900V2-5d173_Apr18

CALIBRATION CERTIFICATE

Object: D1900V2 - SN:5d173

Calibration procedure(s): QA CAL-05.v10
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: April 25, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	28-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: April 25, 2018

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Accreditation No.: SCS 0108

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

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Measurement Conditions

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

DASY Version	DASY5	V52.10.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	1900 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	40.0	1.40 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	41.1 ± 6 %	1.35 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	---	---

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	9.89 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**40.7 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	5.21 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**21.2 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	53.3	1.52 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	55.3 ± 6 %	1.47 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	---	---

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	9.93 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**40.9 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	5.30 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**21.6 W/kg ± 16.5 % (k=2)**

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.4 Ω + 5.1 jΩ
Return Loss	- 25.8 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	47.3 Ω + 7.2 jΩ
Return Loss	- 22.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.195 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	June 08, 2012

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DASY5 Validation Report for Head TSL

Date: 25.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

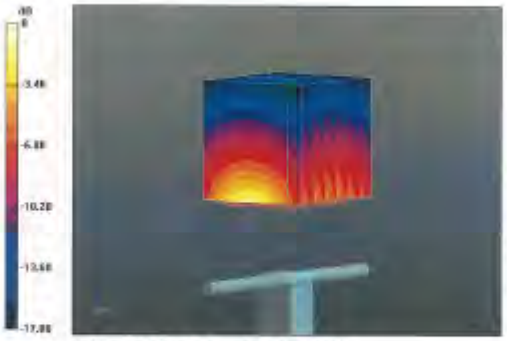
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d173

Communication System: UID 0 - CW; Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.35 S/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.18, 8.18, 8.18); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 110.9 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 9.89 W/kg; SAR(10 g) = 5.21 W/kg
Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg = 11.82 dBW/kg

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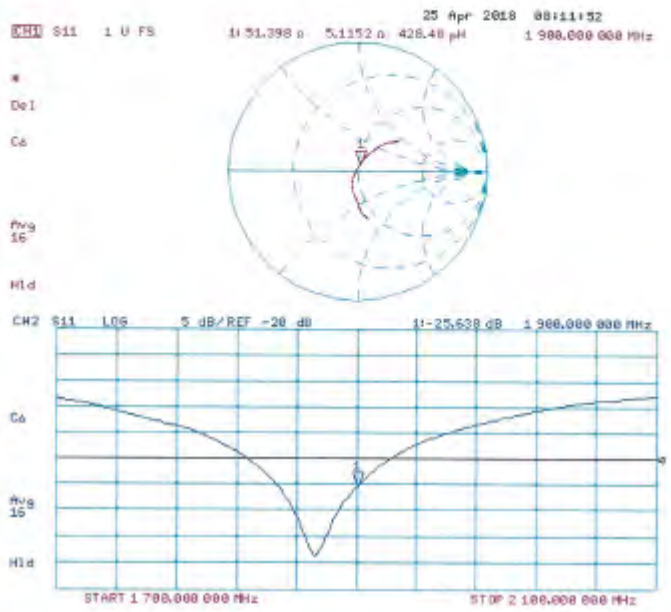
Impedance Measurement Plot for Head TSL



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DASY5 Validation Report for Body TSL

Date: 25.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

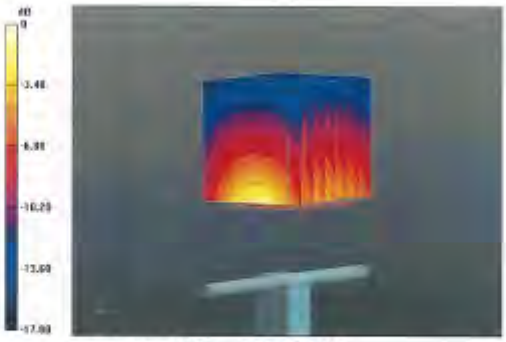
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d173

Communication System: UID 0 - CW; Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.47 S/m; ε_r = 55.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.15, 8.15, 8.15); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 104.6 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 9.93 W/kg; SAR(10 g) = 5.3 W/kg
Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.7 W/kg = 11.67 dBW/kg

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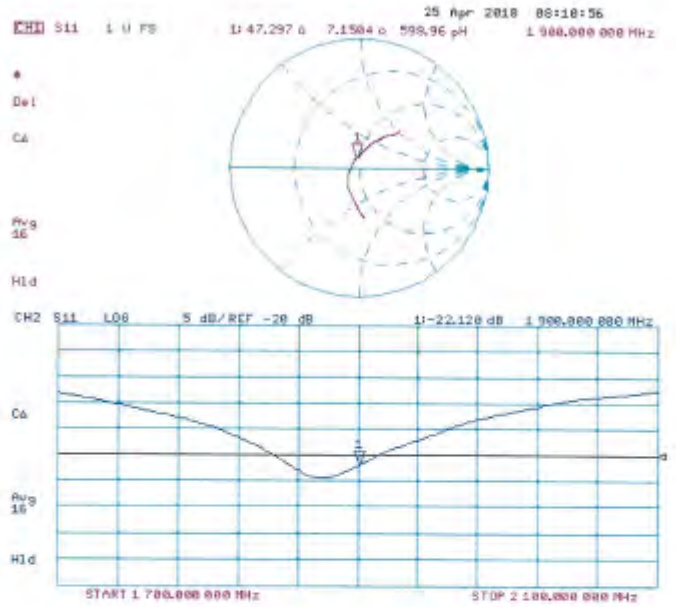
Impedance Measurement Plot for Body TSL



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Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D2300V2-1023_Aug18

CALIBRATION CERTIFICATE

Object:	D2300V2 - SN:1023
Calibration procedure(s)	QA CAL-05.v10 Calibration procedure for dipole validation kits above 700 MHz
Calibration date:	August 24, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
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DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Mario Seitz	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: August 24, 2018

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Certificate No: D2300V2-1023_Aug18 Page 1 of 8

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Accreditation No.: SCS 0108

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

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Measurement Conditions

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

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2300 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.5	1.67 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.2 ± 6 %	1.70 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	12.3 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**48.4 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	5.93 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.5 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.9	1.81 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	52.2 ± 6 %	1.85 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	12.1 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**47.7 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	5.86 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**23.2 W/kg ± 16.5 % (k=2)**

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.6 Ω - 2.1 jΩ
Return Loss	-33.5 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	45.4 Ω - 0.9 jΩ
Return Loss	-26.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.171 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	March 30, 2009

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DASY5 Validation Report for Head TSL

Date: 23.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

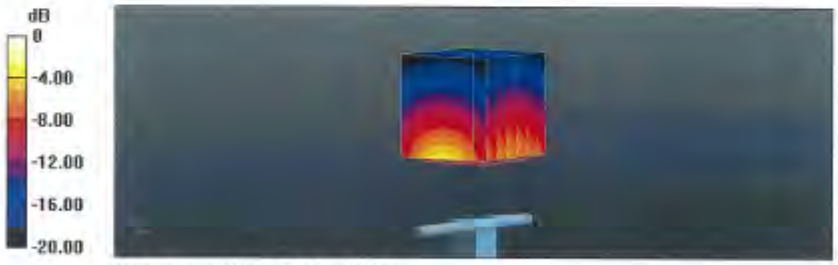
DUT: Dipole 2300 MHz; Type: D2300V2; Serial: D2300V2 - SN:1023

Communication System: UID 0 - CW; Frequency: 2300 MHz
Medium parameters used: f = 2300 MHz; σ = 1.7 S/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.08, 8.08, 8.08) @ 2300 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 114.4 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 23.7 W/kg
SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.93 W/kg
Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.8 W/kg = 12.97 dBW/kg

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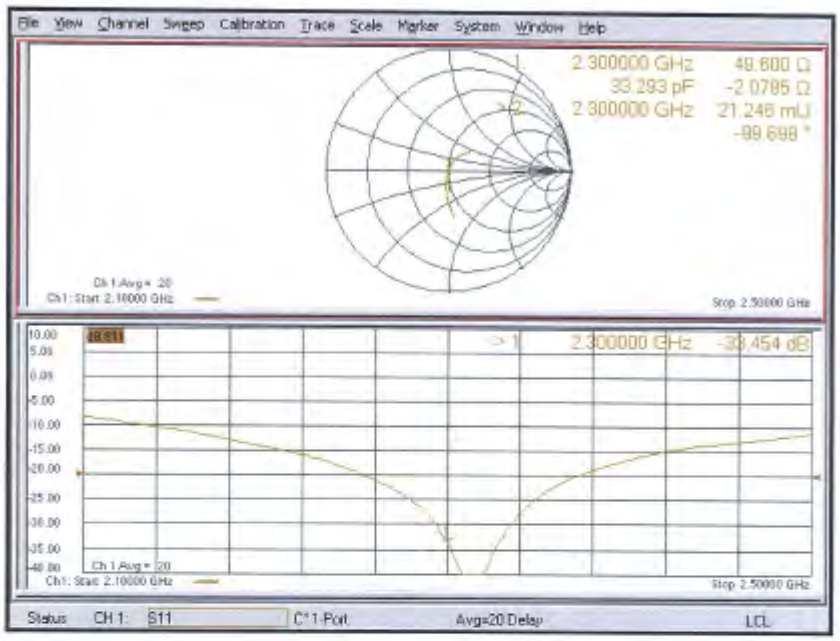
Impedance Measurement Plot for Head TSL



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Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 24.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

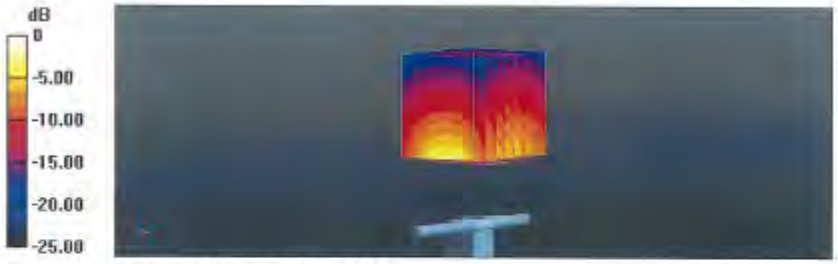
DUT: Dipole 2300 MHz; Type: D2300V2; Serial: D2300V2 - SN:1023

Communication System: UID 0 - CW; Frequency: 2300 MHz
Medium parameters used: f = 2300 MHz; σ = 1.85 S/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.08, 8.08, 8.08) @ 2300 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.1 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 22.8 W/kg
SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.86 W/kg
Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg

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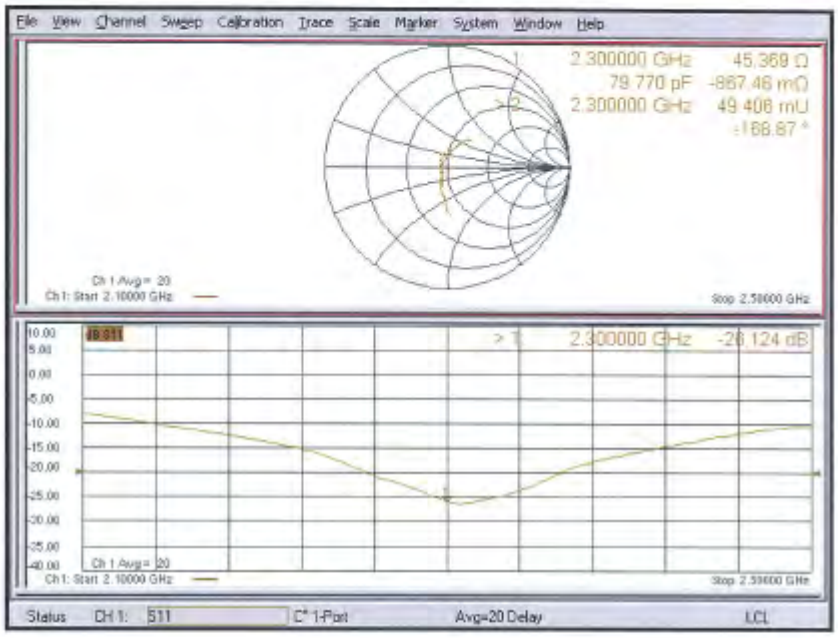
Impedance Measurement Plot for Body TSL



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Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D2450V2-727_Apr18

CALIBRATION CERTIFICATE

Object	D2450V2 - SN:727
Calibration procedure(s)	QA CAL-05.v10 Calibration procedure for dipole validation kits above 700 MHz
Calibration date:	April 24, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: April 25, 2018

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Accreditation No.: SCS 0108

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

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Measurement Conditions

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

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

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.3 ± 6 %	1.86 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.3 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**52.1 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	8.16 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.3 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.7	1.95 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	52.5 ± 6 %	2.01 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	12.9 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**50.8 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	8.00 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**23.8 W/kg ± 16.5 % (k=2)**

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	55.2 Ω + 2.7 jΩ
Return Loss	- 25.1 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	51.2 Ω + 5.8 jΩ
Return Loss	- 25.0 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.149 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	January 09, 2003

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DASY5 Validation Report for Head TSL

Date: 24.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

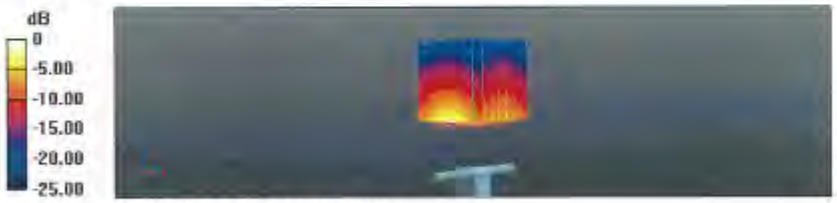
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:727

Communication System: UID 0 - CW; Frequency: 2450 MHz
Medium parameters used: f = 2450 MHz; σ = 1.86 S/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.88, 7.88, 7.88); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 116.0 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 26.7 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.16 W/kg
Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 dBW/kg

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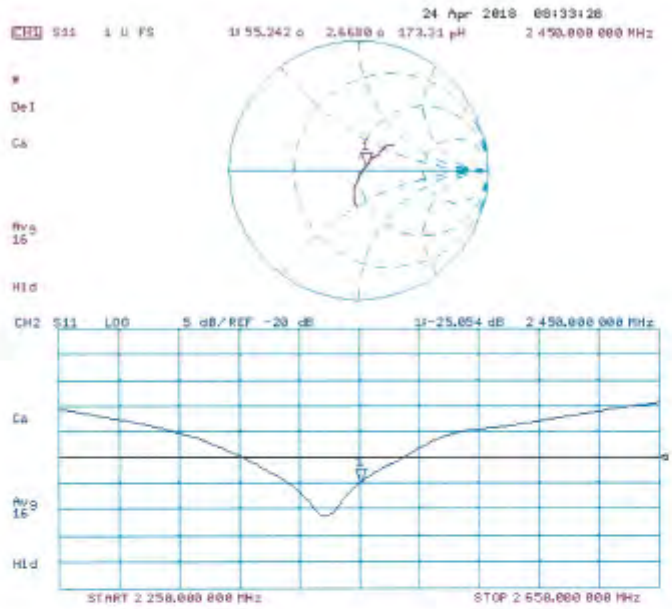
Impedance Measurement Plot for Head TSL



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DASY5 Validation Report for Body TSL

Date: 24.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

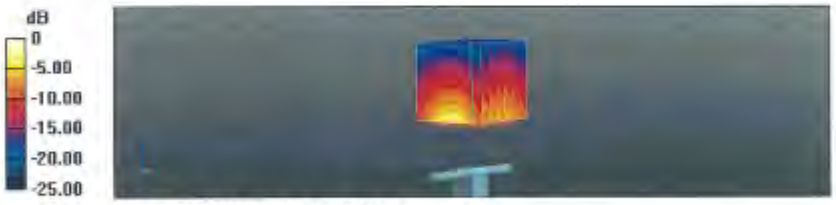
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:727

Communication System: UID 0 - CW; Frequency: 2450 MHz
Medium parameters used: f = 2450 MHz; σ = 2.01 S/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.01, 8.01, 8.01); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.4 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 25.5 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6 W/kg
Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg = 13.24 dBW/kg

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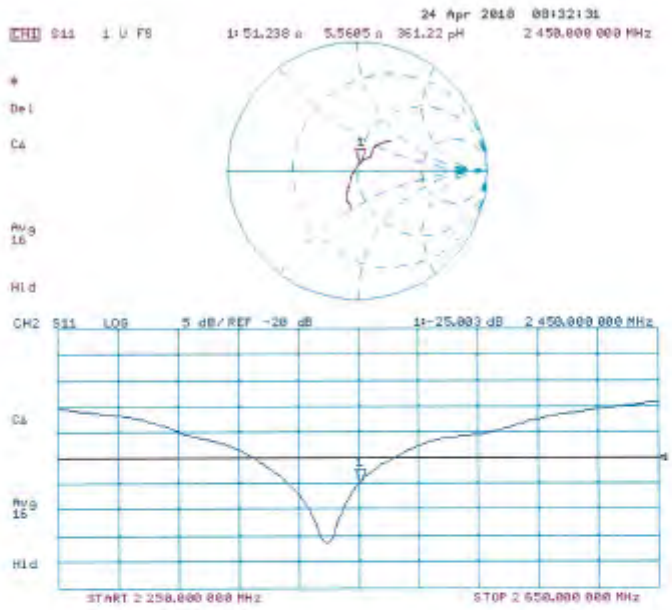
Impedance Measurement Plot for Body TSL



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Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D2600V2-1005_Jan18

CALIBRATION CERTIFICATE

Object D2600V2 - SN:1005

Calibration procedure(s) QA CAL-05.v9
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: January 17, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-17 (No. 217-02521/02522)	Apr-18
Power sensor NRP-Z91	SN: 103244	04-Apr-17 (No. 217-02521)	Apr-18
Power sensor NRP-Z91	SN: 103245	04-Apr-17 (No. 217-02522)	Apr-18
Reference 20 dB Attenuator	SN: 5058 (20k)	07-Apr-17 (No. 217-02528)	Apr-18
Type-N mismatch combination	SN: 5047.2 / 06327	07-Apr-17 (No. 217-02529)	Apr-18
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Jaton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: January 17, 2018

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Certificate No: D2600V2-1005_Jan18 Page 1 of 8

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Accreditation No.: SCS 0108

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

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Measurement Conditions

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

DASY Version	DASY5	V52.10.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2600 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.0	1.96 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.2 ± 6 %	2.04 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	14.6 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**56.8 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.49 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**25.5 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.5	2.16 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.1 ± 6 %	2.20 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	----	----

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	13.8 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**54.4 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	6.13 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**24.3 W/kg ± 16.5 % (k=2)**

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	48.4 Ω - 4.7 jΩ
Return Loss	- 26.0 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	46.2 Ω - 3.0 jΩ
Return Loss	- 25.9 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.155 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	December 23, 2006

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DASY5 Validation Report for Head TSL

Date: 17.01.2018

Test Laboratory: SPEAG, Zurich, Switzerland

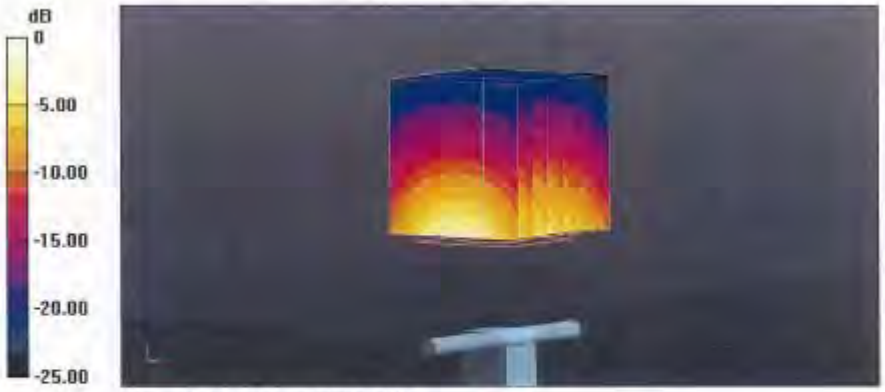
DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1005

Communication System: UID 0 - CW; Frequency: 2600 MHz
Medium parameters used: f = 2600 MHz; σ = 2.04 S/m; ε_r = 37.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.7, 7.7, 7.7); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 118.8 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 29.8 W/kg
SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.49 W/kg
Maximum value of SAR (measured) = 24.1 W/kg



0 dB = 24.1 W/kg = 13.82 dBW/kg

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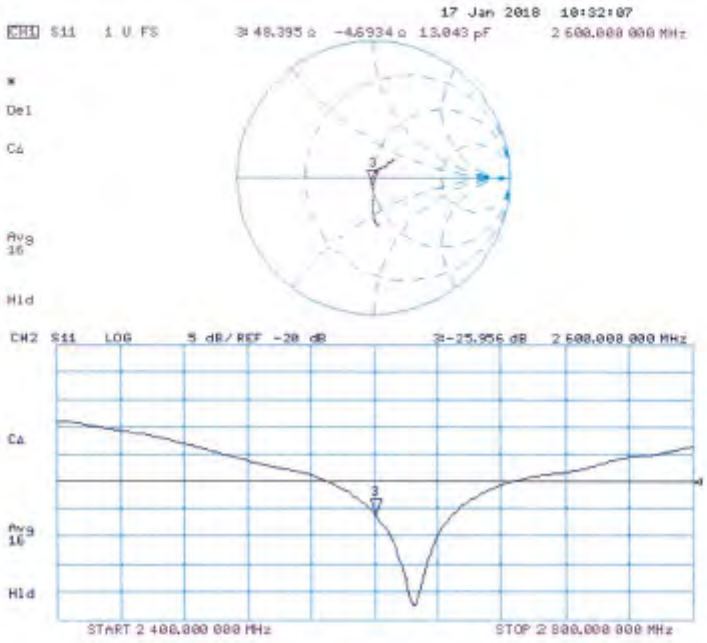
Impedance Measurement Plot for Head TSL



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DASY5 Validation Report for Body TSL

Date: 17.01.2018

Test Laboratory: SPEAG, Zurich, Switzerland

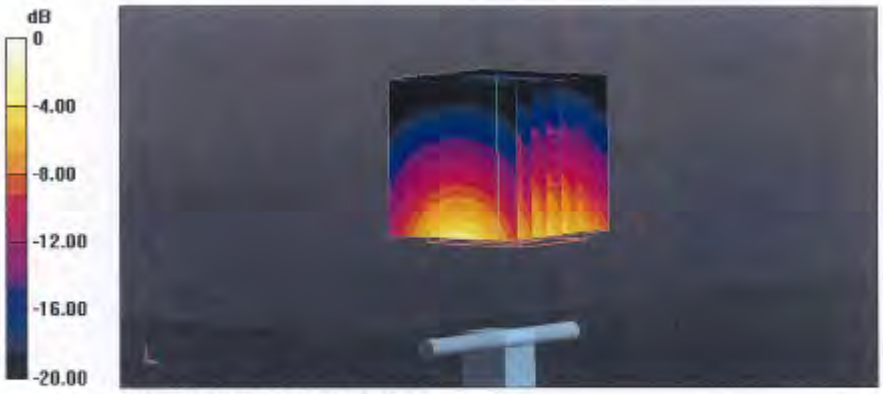
DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1005

Communication System: UID 0 - CW; Frequency: 2600 MHz
Medium parameters used: f = 2600 MHz; σ = 2.2 S/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.81, 7.81, 7.81); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.0 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.13 W/kg
Maximum value of SAR (measured) = 22.6 W/kg



0 dB = 22.6 W/kg = 13.54 dBW/kg

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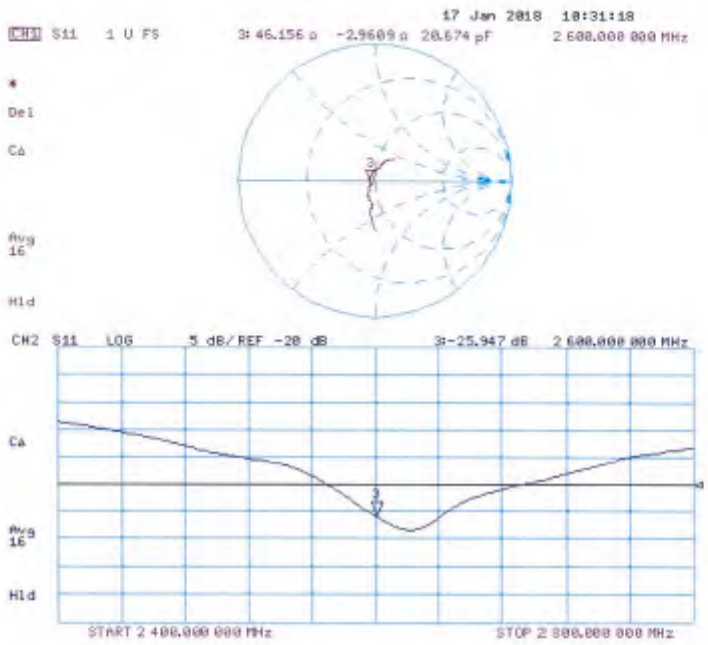
Impedance Measurement Plot for Body TSL



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Accreditation No.: SCS 0108

Client SGS-TW (Auden) Certificate No: D5GHzV2-1023_Jan18

CALIBRATION CERTIFICATE

Object D5GHzV2 - SN:1023

Calibration procedure(s) QA CAL-22.v2
Calibration procedure for dipole validation kits between 3-6 GHz

Calibration date: January 25, 2018

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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-17 (No. 217-02521/02522)	Apr-18
Power sensor NRP-Z91	SN: 103244	04-Apr-17 (No. 217-02521)	Apr-18
Power sensor NRP-Z91	SN: 103245	04-Apr-17 (No. 217-02522)	Apr-18
Reference 20 dB Attenuator	SN: 5058 (20k)	07-Apr-17 (No. 217-02528)	Apr-18
Type-N mismatch combination	SN: 5047.2 / 06327	07-Apr-17 (No. 217-02529)	Apr-18
Reference Probe EX3DV4	SN: 3503	30-Dec-17 (No. EX3-3503_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: January 25, 2018

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

Certificate No: D5GHzV2-1023_Jan18 Page 1 of 15

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Accreditation No.: SCS 0108

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

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Measurement Conditions

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

DASY Version	DASY5	V52.10.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5200 MHz ± 1 MHz 5300 MHz ± 1 MHz 5600 MHz ± 1 MHz 5800 MHz ± 1 MHz	

Head TSL parameters at 5200 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	36.0	4.66 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.3 ± 6 %	4.50 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	---	---

SAR result with Head TSL at 5200 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.72 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**77.3 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm^3 (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.22 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.2 W/kg ± 19.5 % (k=2)**

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Head TSL parameters at 5300 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.76 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.2 ± 6 %	4.60 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL at 5300 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.09 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**80.9 W / kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.2 W/kg ± 19.5 % (k=2)**

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.8 ± 6 %	4.90 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.19 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**81.9 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.4 W/kg ± 19.5 % (k=2)**

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Head TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.3	5.27 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.5 ± 6 %	5.11 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	---	---

SAR result with Head TSL at 5800 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.90 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**79.0 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm^3 (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.25 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.5 W/kg ± 19.5 % (k=2)**

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Body TSL parameters at 5200 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	49.0	5.30 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	47.3 ± 6 %	5.41 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL at 5200 MHz

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	7.14 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**70.5 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.00 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**19.8 W/kg ± 19.5 % (k=2)**

Body TSL parameters at 5300 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.9	5.42 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	47.1 ± 6 %	5.54 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL at 5300 MHz

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	7.34 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**72.9 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.06 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**20.4 W/kg ± 19.5 % (k=2)**

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Body TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.5	5.77 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	46.6 ± 6 %	5.94 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	---	---

SAR result with Body TSL at 5600 MHz

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	7.81 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**77.6 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.19 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**21.7 W/kg ± 19.5 % (k=2)**

Body TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.2	6.00 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	46.2 ± 6 %	6.22 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	---	---

SAR result with Body TSL at 5800 MHz

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	7.46 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**74.1 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.07 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**20.5 W/kg ± 19.5 % (k=2)**

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5200 MHz

Impedance, transformed to feed point	50.1 Ω - 8.1 jΩ
Return Loss	- 21.9 dB

Antenna Parameters with Head TSL at 5300 MHz

Impedance, transformed to feed point	50.5 Ω - 2.3 jΩ
Return Loss	- 32.7 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	53.9 Ω - 0.7 jΩ
Return Loss	- 28.4 dB

Antenna Parameters with Head TSL at 5800 MHz

Impedance, transformed to feed point	55.3 Ω + 2.6 jΩ
Return Loss	- 25.1 dB

Antenna Parameters with Body TSL at 5200 MHz

Impedance, transformed to feed point	49.8 Ω - 6.9 jΩ
Return Loss	- 23.2 dB

Antenna Parameters with Body TSL at 5300 MHz

Impedance, transformed to feed point	50.9 Ω - 0.9 jΩ
Return Loss	- 37.9 dB

Antenna Parameters with Body TSL at 5600 MHz

Impedance, transformed to feed point	56.0 Ω + 0.5 jΩ
Return Loss	- 24.9 dB

Antenna Parameters with Body TSL at 5800 MHz

Impedance, transformed to feed point	56.6 Ω + 2.3 jΩ
Return Loss	- 23.7 dB

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General Antenna Parameters and Design

Electrical Delay (one direction)	1.199 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	February 05, 2004

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DASY5 Validation Report for Head TSL

Date: 25.01.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1023

Communication System: UID 0 - CW; Frequency: 5200 MHz, Frequency: 5300 MHz, Frequency: 5600 MHz, Frequency: 5800 MHz
Medium parameters used: f = 5200 MHz; σ = 4.5 S/m; ε_r = 36.3; ρ = 1000 kg/m^3,
Medium parameters used: f = 5300 MHz; σ = 4.6 S/m; ε_r = 36.2; ρ = 1000 kg/m^3,
Medium parameters used: f = 5600 MHz; σ = 4.9 S/m; ε_r = 35.8; ρ = 1000 kg/m^3,
Medium parameters used: f = 5800 MHz; σ = 5.11 S/m; ε_r = 35.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN3503; ConvF(5.75, 5.75, 5.75); Calibrated: 30.12.2017, ConvF(5.5, 5.5, 5.5); Calibrated: 30.12.2017; ConvF(5.05, 5.05, 5.05); Calibrated: 30.12.2017, ConvF(4.96, 4.96, 4.96); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5200 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.47 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 7.72 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 17.7 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5300 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 74.63 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 29.6 W/kg
SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.32 W/kg
Maximum value of SAR (measured) = 18.6 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.79 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 31.5 W/kg
SAR(1 g) = 8.19 W/kg; SAR(10 g) = 2.34 W/kg
Maximum value of SAR (measured) = 19.6 W/kg

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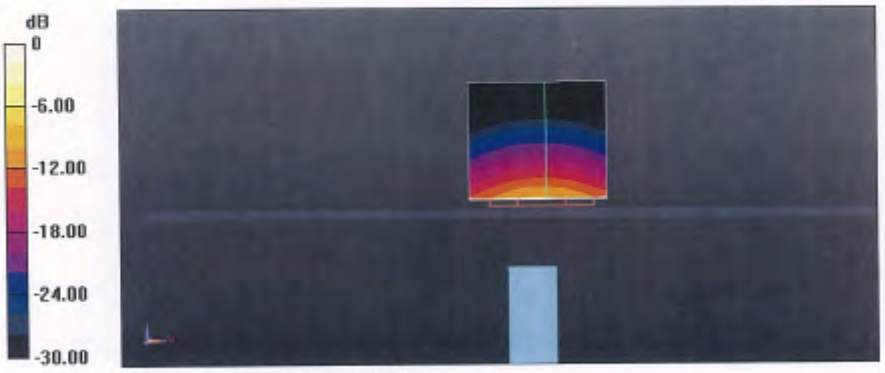
Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5800 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.22 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 7.9 W/kg; SAR(10 g) = 2.25 W/kg
Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 17.7 W/kg = 12.48 dBW/kg

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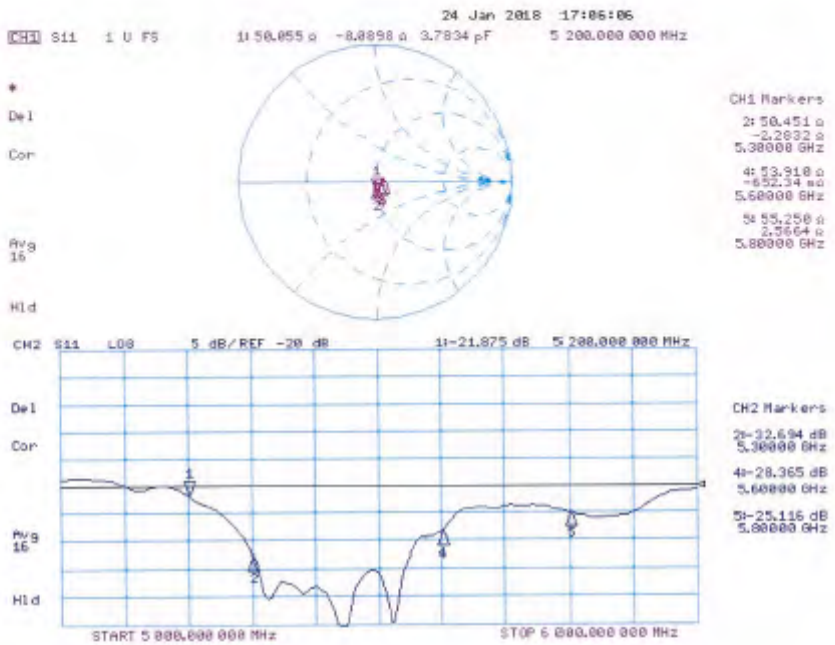
Impedance Measurement Plot for Head TSL



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DASY5 Validation Report for Body TSL

Date: 23.01.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1023

Communication System: UID 0 - CW; Frequency: 5200 MHz, Frequency: 5300 MHz, Frequency: 5600 MHz, Frequency: 5800 MHz
Medium parameters used: f = 5200 MHz; σ = 5.41 S/m; ε_r = 47.3; ρ = 1000 kg/m^3,
Medium parameters used: f = 5300 MHz; σ = 5.54 S/m; ε_r = 47.1; ρ = 1000 kg/m^3,
Medium parameters used: f = 5600 MHz; σ = 5.94 S/m; ε_r = 46.6; ρ = 1000 kg/m^3,
Medium parameters used: f = 5800 MHz; σ = 6.22 S/m; ε_r = 46.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN3503; ConvF(5.35, 5.35, 5.35); Calibrated: 30.12.2017; ConvF(5.15, 5.15, 5.15); Calibrated: 30.12.2017, ConvF(4.65, 4.65, 4.65); Calibrated: 30.12.2017, ConvF(4.53, 4.53, 4.53); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Body Tissue/Pin=100mW, dist=10mm, f=5200 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 66.00 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 26.4 W/kg
SAR(1 g) = 7.14 W/kg; SAR(10 g) = 2 W/kg
Maximum value of SAR (measured) = 16.8 W/kg

Dipole Calibration for Body Tissue/Pin=100mW, dist=10mm, f=5300 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 65.19 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 28.4 W/kg
SAR(1 g) = 7.34 W/kg; SAR(10 g) = 2.06 W/kg
Maximum value of SAR (measured) = 17.6 W/kg

Dipole Calibration for Body Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 66.21 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 32.8 W/kg
SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.19 W/kg
Maximum value of SAR (measured) = 19.1 W/kg

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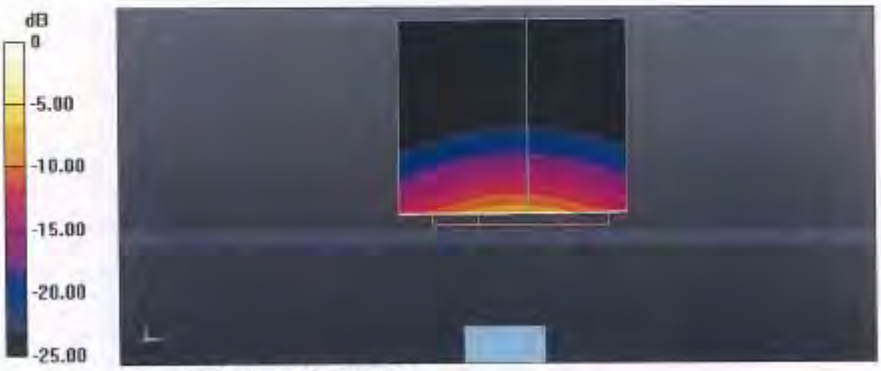
Reference Value = 64.05 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 32.3 W/kg
SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.07 W/kg
Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg = 12.74 dBW/kg

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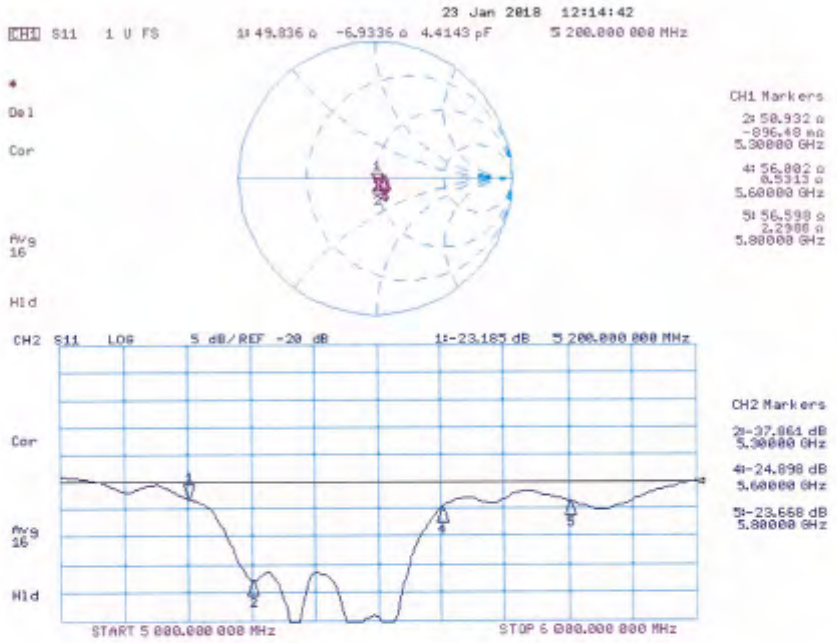

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