

# SAR TEST REPORT



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

<b>Equipment Under Test</b>	Rugged Tablet
<b>Marketing Name</b>	PA501B
<b>Brand Name</b>	RuggON
<b>Model No.</b>	PA501B
<b>Series Model No.</b>	PA501BXXXXXXXXXX
<b>Model difference</b>	Marketing difference.
<b>Company Name</b>	RuggON Corporation
<b>Company Address</b>	4F, No. 298, Yang Guang St. Neihu Dist., Taipei City, Taiwan
<b>Standards</b>	IEEE/ANSI C95.1-1992, IEEE 1528-2013, KDB616217D04v01r02, KDB865664D01v01r04, KDB865664D02v01r02, KDB941225D01v03r01, KDB941225D05v02r05, KDB941225D05Av01r02, KDB447498D01v06, KDB248227D01v02r02
<b>FCC ID</b>	2ABTU-PA501B
<b>Date of Receipt</b>	May. 31, 2019
<b>Date of Test(s)</b>	Jun. 14, 2019 ~ Jun. 28, 2019
<b>Date of Issue</b>	Oct. 01, 2019

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.

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SGS Taiwan Ltd.

No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

Member of SGS Group

## Signed on behalf of SGS

Clerk / Ruby Ou	Asst. Supervisor / Afu Chen	Asst. Manager / John Yeh
Ruby Ou	afu Chen	John Yeh

Date: Oct. 01, 2019

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t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

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## Revision History

Report Number	Revision	Description	Issue Date
EN/2019/50022	Rev.00	Initial creation of document	Jul. 19, 2019
EN/2019/50022	Rev.01	Modify ID	Sep. 12, 2019
EN/2019/50022	Rev.02	section1.5/co-sar/antenna information revised	Sep. 25, 2019
EN/2019/50022	Rev.03	section1.5/Gain revised	Oct. 01, 2019

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# 1. General Information

## 1.1 Testing Laboratory

SGS Taiwan Ltd. Electronics & Communication Laboratory	
1F, No. 8, Alley 15, Lane 120, Sec. 1, NeiHu Road, Neihu District, Taipei City, 11493, Taiwan	
Tel	+886-2-2299-3279
Fax	+886-2-2298-0488
Internet	<a href="http://www.tw.sgs.com/">http://www.tw.sgs.com/</a>

## 1.2 Details of Applicant

Company Name	RuggON Corporation
Company Address	4F, No. 298, Yang Guang St. Neihu Dist., Taipei City, Taiwan

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### 1.3 Description of EUT

Equipment Under Test	Rugged Tablet	
Marketing Name	PA501B	
Brand Name	RuggON	
Model No.	PA501B	
Series Model No.	PA501BXXXXXXXXXX	
Model difference	Marketing difference.	
FCC ID	2ABTU-PA501B	
Mode of Operation	<input checked="" type="checkbox"/> GSM <input checked="" type="checkbox"/> GPRS <input checked="" type="checkbox"/> EDGE <input checked="" type="checkbox"/> WCDMA <input checked="" type="checkbox"/> HSDPA <input checked="" type="checkbox"/> HSUPA <input checked="" type="checkbox"/> LTE FDD <input checked="" type="checkbox"/> LTE TDD <input checked="" type="checkbox"/> WLAN802.11 a/b/g/n(20M/40M)/ac(20M/40M/80M) <input checked="" type="checkbox"/> Bluetooth	
Duty Cycle	GSM (DTM multi class B)	1/8.3
	GPRS (support multi class 12 max)	1/2 (1Dn4UP) 1/2.76 (1Dn3UP) 1/4.1 (1Dn2UP) 1/8.3 (1Dn1UP)
	EDGE (support multi class 12 max)	1/2 (1Dn4UP) 1/2.76 (1Dn3UP) 1/4.1 (1Dn2UP) 1/8.3 (1Dn1UP)
	WCDMA	1
	LTE FDD	1
	LTE TDD	0.633
	WLAN802.11 a/b/g/n(20M/40M)/ ac(20M/40M/80M)	1
	Bluetooth	1

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TX Frequency Range (MHz)	GSM850	824	—	849
	GSM1900	1850	—	1910
	WCDMA Band II	1850	—	1910
	WCDMA Band IV	1710	—	1755
	WCDMA Band V	824	—	849
	LTE FDD Band 2	1850	—	1910
	LTE FDD Band 4	1710	—	1755
	LTE FDD Band 5	824	—	849
	LTE FDD Band 7	2500	—	2570
	LTE FDD Band 12	699	—	716
	LTE FDD Band 13	777	—	787
	LTE FDD Band 17	704	—	716
	LTE FDD Band 25	1850	—	1915
	LTE FDD Band 26	814	—	849
	LTE TDD Band 38	2570	—	2620
	LTE TDD Band 41	2496	—	2690
	WLAN802.11 b/g/n(20M)	2412	—	2462
	WLAN802.11 n(40M)	2422	—	2452
	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 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 a/n(20M)/ac(20M) 5.8G	5745	—	5825
	WLAN802.11 n(40M)/ac(40M) 5.8G	5710	—	5795

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TX Frequency Range (MHz)	WLAN802.11 ac(80M) 5.8G	5775		
	Bluetooth	2402	—	2480
Channel Number (ARFCN)	GSM850	128	—	251
	GSM1900	512	—	810
	WCDMA Band II	9262	—	9538
	WCDMA Band IV	1312	—	1513
	WCDMA Band V	4132	—	4233
	LTE FDD Band 2	18607	—	19193
	LTE FDD Band 4	19957	—	20393
	LTE FDD Band 5	20407	—	20643
	LTE FDD Band 7	20775	—	21425
	LTE FDD Band 12	23017	—	23173
	LTE FDD Band 13	23205	—	23255
	LTE FDD Band 17	23755	—	23825
	LTE FDD Band 25	26047	—	26683
	LTE FDD Band 26	26697	—	27033
	LTE TDD Band 38	37775	—	38225
	LTE TDD Band 41	39675	—	41565
	WLAN802.11 b/g/n(20M)	1	—	11
	WLAN802.11 n(40M)	3	—	9
	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 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

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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

### Antenna information:

#### WWAN

Vendor	Taiwan Anjie Electronics co., Ltd					
Antenna	LTE Main(PIFA)					
Part Number	AJLQ1J-B0025					
Frequency(MHz)	699~716	777~787	814~849	1710~1755	1850~1915	2496~2690
Gain (dBi)	-2.59	-2.26	-2.15	-1.54	-3.14	-2.73

#### WLAN

Vendor	Taiwan Anjie Electronics co., Ltd				
Antenna	WLAN Main (PIFA)				
Part Number	AJDQ1J-B0024				
Frequency(MHz)	2.4G	5.2G	5.3G	5.6G	5.8G
Gain (dBi)	2.94	3.58	3.58	2.85	3.34
Antenna	WLAN Aux (PIFA)				
Part Number	AJDQ1J-W0001				
Frequency(MHz)	2.4G	5.2G	5.3G	5.6G	5.8G
Gain (dBi)	3.31	2.89	2.49	1.93	1.77

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Max. SAR (1 g) (Unit: W/Kg)				
Band	Measured	Reported	Channel	Position
GPRS 850	0.60	0.68	128	Top side
GPRS 1900	0.67	0.69	661	Top side
WCDMA Band II	0.64	0.69	9538	Top side
WCDMA Band IV	0.66	0.67	1412	Top side
WCDMA Band V	0.64	0.68	4183	Top side
LTE FDD Band 2	0.71	0.72	18900	Top side
LTE FDD Band 4	0.66	0.67	20175	Top side
LTE FDD Band 5	0.60	0.66	20450	Back side
LTE FDD Band 7	0.67	0.69	20850	Top side
LTE FDD Band 12	0.47	0.70	23095	Back side
LTE FDD Band 13	0.71	0.72	23230	Top side
LTE FDD Band 17	0.50	0.64	23790	Back side
LTE FDD Band 25	0.67	0.71	26590	Top side
LTE FDD Band 26	0.73	0.76	26765	Back side
LTE TDD Band 38	0.68	0.72	38000	Top side
LTE TDD Band 41	0.60	0.63	41490	Top side

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Max. SAR (1g) (Unit: W/Kg)					
Antenna	Band	Measured	Reported	Channel	Position
Main	WLAN 802.11b	0.70	0.70	6	Bottom side
	Bluetooth(GFSK)	0.09	0.10	0	Bottom side
	WLAN 802.11 ac(80M) 5.2G	1.17	1.17	42	Bottom side
	WLAN 802.11 ac(80M) 5.3G	1.11	1.12	58	Bottom side
	WLAN 802.11 ac(80M) 5.6G	0.86	0.86	138	Bottom side
	WLAN 802.11 ac(80M) 5.8G	0.75	0.76	155	Bottom side
Aux	WLAN 802.11b	0.29	0.29	1	Back side
	WLAN 802.11 ac(80M) 5.2G	0.80	0.81	42	Top side
	WLAN 802.11 ac(80M) 5.3G	0.65	0.66	58	Top side
	WLAN 802.11 ac(80M) 5.6G	0.54	0.54	106	Top side
	WLAN 802.11 ac(80M) 5.8G	0.55	0.55	155	Top side

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### GSM 850 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	35	33.27	24.24
	836.6	190	35	33.23	24.20
	848.8	251	35	33.21	24.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

### GPRS 850 - conducted power table:

Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			33.5	31	29	28
			1Dn1UP	1Dn2UP	1Dn3UP	1Dn4UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
GPRS 850	824.2	128	33.26	30.59	28.66	27.43
	836.6	190	33.25	30.72	28.91	27.76
	848.8	251	33.22	30.44	28.63	27.40
Source-based time average power						
GPRS 850	824.2	128	24.23	24.57	24.40	24.42
	836.6	190	24.22	24.70	24.65	24.75
	848.8	251	24.19	24.42	24.37	24.39
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

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### EDGE 850 - conducted power table:

Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			28	25	23	22
			1Dn1UP	1Dn2UP	1Dn3UP	1Dn4UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
EDGE850	824.2	128	27.24	24.60	22.56	21.49
	836.6	190	27.10	24.62	22.65	21.51
	848.8	251	27.32	24.57	22.49	21.40
Source-based time average power						
EDGE850	824.2	128	18.21	18.58	18.30	18.48
	836.6	190	18.07	18.60	18.39	18.50
	848.8	251	18.29	18.55	18.23	18.39
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

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### GSM 1900 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM1900 (GMSK)	1850.2	512	32	30.51	21.48
	1800	661	32	30.81	21.78
	1909.8	810	32	30.52	21.49
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

### GPRS 1900 - conducted power table:

Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			31	28	26.5	25
			1Dn1UP	1Dn2UP	1Dn3UP	1Dn4UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
GPRS 1900	1850.2	512	30.88	27.83	26.43	24.77
	1880	661	30.90	27.45	26.37	24.66
	1909.8	810	30.97	27.72	26.42	24.87
Source-based time average power						
GPRS 1900	1850.2	512	21.85	21.81	22.17	21.76
	1880	661	21.87	21.43	22.11	21.65
	1909.8	810	21.94	21.70	22.16	21.86
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

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### EDGE 1900 - conducted power table:

Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			31	28	26.5	25
			1Dn1UP	1Dn2UP	1Dn3UP	1Dn4UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
EDGE1900	1850.2	512	26.28	23.91	22.07	20.63
	1880	661	26.33	23.75	21.96	20.64
	1909.8	810	26.28	23.77	22.03	20.65
Source-based time average power						
EDGE1900	1850.2	512	17.25	17.89	17.81	17.62
	1880	661	17.30	17.73	17.70	17.63
	1909.8	810	17.25	17.75	17.77	17.64
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

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# WCDMA Band II / Band IV / Band V - HSDPA / HSUPA 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)		25.00		
3GPP Rel 99	RMC 12.2Kbps	24.80	24.72	24.73
3GPP Rel 5	HSDPA Subtest-1	23.76	23.67	23.69
	HSDPA Subtest-2	23.75	23.65	23.71
	HSDPA Subtest-3	23.28	23.17	23.15
	HSDPA Subtest-4	23.24	23.16	23.22
3GPP Rel 6	HSUPA Subtest-1	23.78	23.68	23.68
	HSUPA Subtest-2	23.24	23.17	23.20
	HSUPA Subtest-3	23.76	23.66	23.70
	HSUPA Subtest-4	23.75	23.67	23.70
	HSUPA Subtest-5	23.78	23.65	23.74

Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		25.00		
3GPP Rel 99	RMC 12.2Kbps	24.91	24.99	25.00
3GPP Rel 5	HSDPA Subtest-1	23.83	23.95	23.97
	HSDPA Subtest-2	23.82	23.93	23.98
	HSDPA Subtest-3	23.34	23.40	23.42
	HSDPA Subtest-4	23.35	23.36	23.46
3GPP Rel 6	HSUPA Subtest-1	23.84	23.90	23.97
	HSUPA Subtest-2	23.33	23.43	23.50
	HSUPA Subtest-3	23.89	23.93	23.92
	HSUPA Subtest-4	23.82	23.94	23.97
	HSUPA Subtest-5	23.86	23.88	23.98

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Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>25.00</b>		
3GPP Rel 99	RMC 12.2Kbps	24.43	24.40	24.55
3GPP Rel 5	HSDPA Subtest-1	23.42	23.43	23.53
	HSDPA Subtest-2	23.39	23.39	23.56
	HSDPA Subtest-3	22.92	22.94	23.10
	HSDPA Subtest-4	21.89	22.89	23.05
3GPP Rel 6	HSUPA Subtest-1	23.66	23.61	23.77
	HSUPA Subtest-2	23.12	23.07	23.17
	HSUPA Subtest-3	23.66	23.58	23.75
	HSUPA Subtest-4	23.61	23.60	23.72
	HSUPA Subtest-5	23.62	23.62	23.73

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# WCDMA Band II / Band IV / Band V - HSDPA / HSUPA

## 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)		20.00		
3GPP Rel 99	RMC 12.2Kbps	19.79	19.72	19.65
3GPP Rel 5	HSDPA Subtest-1	19.08	19.01	19.01
	HSDPA Subtest-2	19.12	19.03	18.97
	HSDPA Subtest-3	18.55	18.53	18.58
	HSDPA Subtest-4	18.57	18.55	18.60
3GPP Rel 6	HSUPA Subtest-1	19.11	19.03	19.04
	HSUPA Subtest-2	18.60	18.53	18.52
	HSUPA Subtest-3	19.10	19.01	19.07
	HSUPA Subtest-4	19.07	19.02	19.01
	HSUPA Subtest-5	19.09	19.00	18.98

Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		19.50		
3GPP Rel 99	RMC 12.2Kbps	19.44	19.43	19.48
3GPP Rel 5	HSDPA Subtest-1	18.66	18.75	18.75
	HSDPA Subtest-2	18.68	18.73	18.79
	HSDPA Subtest-3	18.19	18.25	18.31
	HSDPA Subtest-4	18.15	18.23	18.30
3GPP Rel 6	HSUPA Subtest-1	18.69	18.64	18.77
	HSUPA Subtest-2	18.15	18.21	18.27
	HSUPA Subtest-3	18.65	18.73	18.78
	HSUPA Subtest-4	18.66	18.71	18.74
	HSUPA Subtest-5	18.64	18.66	18.77

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Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	24.25	24.27	24.39
3GPP Rel 5	HSDPA Subtest-1	23.28	23.28	23.40
	HSDPA Subtest-2	23.21	23.32	23.41
	HSDPA Subtest-3	22.77	22.84	22.96
	HSDPA Subtest-4	22.75	22.74	22.84
3GPP Rel 6	HSUPA Subtest-1	23.27	23.32	23.45
	HSUPA Subtest-2	22.75	22.73	22.94
	HSUPA Subtest-3	23.25	23.28	23.36
	HSUPA Subtest-4	23.35	23.24	23.38
	HSUPA Subtest-5	23.28	23.25	23.40

#### Sub-Test for HSDPA

SUB-TEST	$\beta_c$	$\beta_d$	$\beta_d$ (SF)	$\beta_c/\beta_d$	$\beta_{HS}$ (Note 1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15	15/15	64	12/15	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

#### Sub-Test for HSUPA

SUB-TEST	$\beta_c$	$\beta_d$	$\beta_d$ (SF)	$\beta_c/\beta_d$	$\beta_{HS}$ (Note 1)	$\beta_{ec}$	$\beta_{ed}$ (Note 5) (Note 6)	$\beta_{ed}$ (SF)	$\beta_{ed}$ (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	$\beta_{ed1}$ : 47/15 $\beta_{ed2}$ : 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	15/15	64	15/15	30/15	24/15	134/15	4	1	1.0	0.0	21	81

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# LTE FDD Band 2 / Band 4 / Band 5 / Band 7 / Band 12 / Band 13 / Band 17 / Band 25 / Band 26 power table :

FDD Band 2 (Full power)								
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	24.94	25	0
				1880	18900	23.40	25	0
				1900	19100	23.87	25	0
			50	1860	18700	24.99	25	0
				1880	18900	23.08	25	0
				1900	19100	24.03	25	0
			99	1860	18700	24.97	25	0
				1880	18900	23.52	25	0
				1900	19100	24.14	25	0
		50 RB	0	1860	18700	23.05	24	0-1
				1880	18900	22.19	24	0-1
				1900	19100	23.11	24	0-1
			25	1860	18700	23.16	24	0-1
				1880	18900	22.15	24	0-1
				1900	19100	23.07	24	0-1
			50	1860	18700	23.97	24	0-1
				1880	18900	22.13	24	0-1
				1900	19100	23.10	24	0-1
		100RB		1860	18700	23.89	24	0-1
				1880	18900	22.17	24	0-1
				1900	19100	23.07	24	0-1
	16-QAM	1 RB	0	1860	18700	23.28	24	0-1
				1880	18900	23.88	24	0-1
				1900	19100	22.12	24	0-1
			50	1860	18700	23.43	24	0-1
				1880	18900	23.97	24	0-1
				1900	19100	22.33	24	0-1
			99	1860	18700	23.42	24	0-1
				1880	18900	23.97	24	0-1
				1900	19100	22.09	24	0-1
		50 RB	0	1860	18700	22.20	23	0-2
				1880	18900	22.89	23	0-2
				1900	19100	21.05	23	0-2
			25	1860	18700	22.19	23	0-2
				1880	18900	22.99	23	0-2
				1900	19100	21.08	23	0-2
			50	1860	18700	22.16	23	0-2
				1880	18900	22.91	23	0-2
				1900	19100	21.13	23	0-2
		100RB		1860	18700	22.14	23	0-2
				1880	18900	23.00	23	0-2
				1900	19100	21.09	23	0-2

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FDD Band 2 (Full power)								
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	22.21	23	0-2
				1880	18900	22.76	23	0-2
				1900	19100	21.03	23	0-2
			50	1860	18700	22.43	23	0-2
				1880	18900	22.96	23	0-2
				1900	19100	21.27	23	0-2
			99	1860	18700	22.29	23	0-2
				1880	18900	22.81	23	0-2
				1900	19100	21.90	23	0-2
		50 RB	0	1860	18700	21.01	22	0-3
				1880	18900	21.72	22	0-3
				1900	19100	20.03	22	0-3
			25	1860	18700	21.14	22	0-3
				1880	18900	21.96	22	0-3
				1900	19100	20.80	22	0-3
			50	1860	18700	21.02	22	0-3
				1880	18900	21.77	22	0-3
				1900	19100	20.08	22	0-3
		100RB		1860	18700	21.13	22	0-3
				1880	18900	21.99	22	0-3
				1900	19100	20.07	22	0-3

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FDD Band 2 (Full power)								
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	24.95	25	0
				1880	18900	23.05	25	0
				1902.5	19125	24.13	25	0
			36	1857.5	18675	24.03	25	0
				1880	18900	23.48	25	0
				1902.5	19125	24.23	25	0
			74	1857.5	18675	24.01	25	0
				1880	18900	23.19	25	0
				1902.5	19125	24.45	25	0
		36 RB	0	1857.5	18675	23.02	24	0-1
				1880	18900	22.12	24	0-1
				1902.5	19125	23.00	24	0-1
			18	1857.5	18675	23.05	24	0-1
				1880	18900	22.23	24	0-1
				1902.5	19125	23.17	24	0-1
			37	1857.5	18675	23.07	24	0-1
				1880	18900	22.25	24	0-1
				1902.5	19125	23.04	24	0-1
		75RB		1857.5	18675	23.08	24	0-1
				1880	18900	22.19	24	0-1
				1902.5	19125	23.09	24	0-1
	16-QAM	1 RB	0	1857.5	18675	23.25	24	0-1
				1880	18900	23.87	24	0-1
				1902.5	19125	23.45	24	0-1
			36	1857.5	18675	23.03	24	0-1
				1880	18900	23.89	24	0-1
				1902.5	19125	23.49	24	0-1
			74	1857.5	18675	23.23	24	0-1
				1880	18900	23.87	24	0-1
				1902.5	19125	22.08	24	0-1
		36 RB	0	1857.5	18675	22.17	23	0-2
				1880	18900	22.92	23	0-2
				1902.5	19125	21.12	23	0-2
			18	1857.5	18675	22.28	23	0-2
				1880	18900	22.99	23	0-2
				1902.5	19125	21.19	23	0-2
			37	1857.5	18675	22.21	23	0-2
				1880	18900	22.98	23	0-2
				1902.5	19125	21.15	23	0-2
		75RB		1857.5	18675	22.18	23	0-2
				1880	18900	22.98	23	0-2
				1902.5	19125	21.07	23	0-2

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FDD Band 2 (Full power)								
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	22.09	23	0-2
				1880	18900	22.87	23	0-2
				1902.5	19125	22.39	23	0-2
			36	1857.5	18675	21.91	23	0-2
				1880	18900	22.80	23	0-2
				1902.5	19125	22.46	23	0-2
			74	1857.5	18675	22.13	23	0-2
				1880	18900	22.87	23	0-2
				1902.5	19125	21.05	23	0-2
		36 RB	0	1857.5	18675	20.98	22	0-3
				1880	18900	21.82	22	0-3
				1902.5	19125	20.68	22	0-3
			18	1857.5	18675	21.15	22	0-3
				1880	18900	21.95	22	0-3
				1902.5	19125	20.07	22	0-3
			37	1857.5	18675	21.03	22	0-3
				1880	18900	21.98	22	0-3
				1902.5	19125	20.15	22	0-3
		75RB		1857.5	18675	21.13	22	0-3
				1880	18900	21.98	22	0-3
				1902.5	19125	20.86	22	0-3

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 2 (Full power)								
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	24.97	25	0
				1880	18900	23.09	25	0
				1905	19150	23.86	25	0
			25	1855	18650	24.83	25	0
				1880	18900	23.31	25	0
				1905	19150	24.09	25	0
			49	1855	18650	24.97	25	0
				1880	18900	23.37	25	0
				1905	19150	24.13	25	0
		25 RB	0	1855	18650	23.95	24	0-1
				1880	18900	22.13	24	0-1
				1905	19150	23.00	24	0-1
			12	1855	18650	23.95	24	0-1
				1880	18900	22.03	24	0-1
				1905	19150	23.11	24	0-1
			25	1855	18650	24.00	24	0-1
				1880	18900	22.08	24	0-1
				1905	19150	23.05	24	0-1
		50RB		1855	18650	23.99	24	0-1
				1880	18900	22.06	24	0-1
				1905	19150	22.95	24	0-1
	16-QAM	1 RB	0	1855	18650	23.59	24	0-1
				1880	18900	24.00	24	0-1
				1905	19150	22.24	24	0-1
			25	1855	18650	23.56	24	0-1
				1880	18900	23.86	24	0-1
				1905	19150	22.32	24	0-1
			49	1855	18650	23.41	24	0-1
				1880	18900	23.97	24	0-1
				1905	19150	22.26	24	0-1
		25 RB	0	1855	18650	22.29	23	0-2
				1880	18900	22.99	23	0-2
				1905	19150	21.04	23	0-2
			12	1855	18650	22.21	23	0-2
				1880	18900	22.93	23	0-2
				1905	19150	21.18	23	0-2
			25	1855	18650	22.17	23	0-2
				1880	18900	22.88	23	0-2
				1905	19150	21.05	23	0-2
		50RB		1855	18650	22.22	23	0-2
				1880	18900	22.87	23	0-2
				1905	19150	21.06	23	0-2

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FDD Band 2 (Full power)								
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	22.43	23	0-2
				1880	18900	22.93	23	0-2
				1905	19150	21.14	23	0-2
			25	1855	18650	22.52	23	0-2
				1880	18900	22.84	23	0-2
				1905	19150	21.27	23	0-2
			49	1855	18650	22.30	23	0-2
				1880	18900	22.92	23	0-2
				1905	19150	21.10	23	0-2
		25 RB	0	1855	18650	21.26	22	0-3
				1880	18900	21.94	22	0-3
				1905	19150	20.89	22	0-3
			12	1855	18650	21.12	22	0-3
				1880	18900	21.91	22	0-3
				1905	19150	20.16	22	0-3
			25	1855	18650	20.99	22	0-3
				1880	18900	21.75	22	0-3
				1905	19150	20.01	22	0-3
		50RB		1855	18650	21.21	22	0-3
				1880	18900	21.78	22	0-3
				1905	19150	20.98	22	0-3

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FDD Band 2 (Full power)								
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	24.75	25	0
				1880	18900	23.34	25	0
				1907.5	19175	24.19	25	0
			12	1852.5	18625	24.96	25	0
				1880	18900	23.13	25	0
				1907.5	19175	24.25	25	0
			24	1852.5	18625	24.88	25	0
				1880	18900	23.29	25	0
				1907.5	19175	24.34	25	0
		12 RB	0	1852.5	18625	23.92	24	0-1
				1880	18900	22.12	24	0-1
				1907.5	19175	22.99	24	0-1
			6	1852.5	18625	23.96	24	0-1
				1880	18900	22.24	24	0-1
				1907.5	19175	22.87	24	0-1
			13	1852.5	18625	23.92	24	0-1
				1880	18900	22.10	24	0-1
				1907.5	19175	23.00	24	0-1
		25RB		1852.5	18625	23.96	24	0-1
				1880	18900	22.03	24	0-1
				1907.5	19175	22.87	24	0-1
	16-QAM	1 RB	0	1852.5	18625	23.28	24	0-1
				1880	18900	23.93	24	0-1
				1907.5	19175	22.13	24	0-1
			12	1852.5	18625	23.20	24	0-1
				1880	18900	23.87	24	0-1
				1907.5	19175	22.05	24	0-1
			24	1852.5	18625	23.47	24	0-1
				1880	18900	24.00	24	0-1
				1907.5	19175	22.23	24	0-1
		12 RB	0	1852.5	18625	22.22	23	0-2
				1880	18900	22.94	23	0-2
				1907.5	19175	21.19	23	0-2
			6	1852.5	18625	22.11	23	0-2
				1880	18900	22.97	23	0-2
				1907.5	19175	21.22	23	0-2
			13	1852.5	18625	22.25	23	0-2
				1880	18900	22.94	23	0-2
				1907.5	19175	21.08	23	0-2
		25RB		1852.5	18625	22.16	23	0-2
				1880	18900	22.92	23	0-2
				1907.5	19175	21.06	23	0-2

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FDD Band 2 (Full power)								
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	22.23	23	0-2
				1880	18900	22.85	23	0-2
				1907.5	19175	21.12	23	0-2
			12	1852.5	18625	22.18	23	0-2
				1880	18900	22.77	23	0-2
				1907.5	19175	21.93	23	0-2
			24	1852.5	18625	22.33	23	0-2
				1880	18900	22.81	23	0-2
				1907.5	19175	21.16	23	0-2
		12 RB	0	1852.5	18625	21.20	22	0-3
				1880	18900	21.85	22	0-3
				1907.5	19175	20.08	22	0-3
			6	1852.5	18625	20.99	22	0-3
				1880	18900	21.97	22	0-3
				1907.5	19175	20.03	22	0-3
			13	1852.5	18625	21.12	22	0-3
				1880	18900	21.79	22	0-3
				1907.5	19175	20.76	22	0-3
		25RB		1852.5	18625	21.10	22	0-3
				1880	18900	21.90	22	0-3
				1907.5	19175	20.46	22	0-3

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FDD Band 2 (Full power)								
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	24.87	25	0
				1880	18900	23.14	25	0
				1908.5	19185	24.30	25	0
			7	1851.5	18615	24.88	25	0
				1880	18900	23.10	25	0
				1908.5	19185	24.48	25	0
			14	1851.5	18615	24.92	25	0
				1880	18900	23.03	25	0
				1908.5	19185	23.95	25	0
		8 RB	0	1851.5	18615	23.95	24	0-1
				1880	18900	22.09	24	0-1
				1908.5	19185	23.17	24	0-1
			4	1851.5	18615	23.97	24	0-1
				1880	18900	22.12	24	0-1
				1908.5	19185	23.01	24	0-1
			7	1851.5	18615	23.93	24	0-1
				1880	18900	22.05	24	0-1
				1908.5	19185	22.88	24	0-1
		15RB		1851.5	18615	23.93	24	0-1
				1880	18900	22.08	24	0-1
				1908.5	19185	22.93	24	0-1
	16-QAM	1 RB	0	1851.5	18615	23.00	24	0-1
				1880	18900	23.89	24	0-1
				1908.5	19185	22.19	24	0-1
			7	1851.5	18615	23.54	24	0-1
				1880	18900	23.94	24	0-1
				1908.5	19185	22.40	24	0-1
			14	1851.5	18615	22.93	24	0-1
				1880	18900	23.89	24	0-1
				1908.5	19185	22.47	24	0-1
		8 RB	0	1851.5	18615	22.18	23	0-2
				1880	18900	22.96	23	0-2
				1908.5	19185	21.11	23	0-2
			4	1851.5	18615	22.15	23	0-2
				1880	18900	22.98	23	0-2
				1908.5	19185	21.09	23	0-2
			7	1851.5	18615	22.21	23	0-2
				1880	18900	22.99	23	0-2
				1908.5	19185	21.09	23	0-2
		15RB		1851.5	18615	22.13	23	0-2
				1880	18900	22.95	23	0-2
				1908.5	19185	21.17	23	0-2

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 2 (Full power)								
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	21.88	23	0-2
				1880	18900	22.71	23	0-2
				1908.5	19185	21.09	23	0-2
			7	1851.5	18615	22.51	23	0-2
				1880	18900	22.77	23	0-2
				1908.5	19185	21.30	23	0-2
			14	1851.5	18615	21.84	23	0-2
				1880	18900	22.85	23	0-2
				1908.5	19185	21.37	23	0-2
		8 RB	0	1851.5	18615	21.08	22	0-3
				1880	18900	21.87	22	0-3
				1908.5	19185	20.95	22	0-3
			4	1851.5	18615	20.96	22	0-3
				1880	18900	21.94	22	0-3
				1908.5	19185	21.06	22	0-3
			7	1851.5	18615	21.04	22	0-3
				1880	18900	21.85	22	0-3
				1908.5	19185	20.05	22	0-3
		15RB		1851.5	18615	21.12	22	0-3
				1880	18900	21.76	22	0-3
				1908.5	19185	20.12	22	0-3

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 2 (Full power)								
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	24.83	25	0
				1880	18900	23.20	25	0
				1909.3	19193	23.99	25	0
			2	1850.7	18607	24.94	25	0
				1880	18900	23.03	25	0
				1909.3	19193	24.04	25	0
			5	1850.7	18607	24.78	25	0
				1880	18900	23.18	25	0
				1909.3	19193	23.97	25	0
		3 RB	0	1850.7	18607	23.84	24	0-1
				1880	18900	23.18	24	0-1
				1909.3	19193	23.81	24	0-1
			2	1850.7	18607	23.87	24	0-1
				1880	18900	23.22	24	0-1
				1909.3	19193	23.89	24	0-1
			3	1850.7	18607	23.81	24	0-1
				1880	18900	23.13	24	0-1
				1909.3	19193	23.83	24	0-1
		6RB		1850.7	18607	23.84	24	0-1
				1880	18900	22.55	24	0-1
				1909.3	19193	22.93	24	0-1
	16-QAM	1 RB	0	1850.7	18607	23.41	24	0-1
				1880	18900	23.92	24	0-1
				1909.3	19193	22.27	24	0-1
			2	1850.7	18607	22.97	24	0-1
				1880	18900	23.89	24	0-1
				1909.3	19193	22.44	24	0-1
			5	1850.7	18607	23.26	24	0-1
				1880	18900	23.80	24	0-1
				1909.3	19193	22.28	24	0-1
		3 RB	0	1850.7	18607	22.95	24	0-2
				1880	18900	23.97	24	0-2
				1909.3	19193	22.34	24	0-2
			2	1850.7	18607	23.18	24	0-2
				1880	18900	23.99	24	0-2
				1909.3	19193	22.28	24	0-2
			3	1850.7	18607	23.09	24	0-2
				1880	18900	23.87	24	0-2
				1909.3	19193	22.26	24	0-2
		6RB		1850.7	18607	22.08	23	0-2
				1880	18900	22.89	23	0-2
				1909.3	19193	22.06	23	0-2

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FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	18607	22.31	23	0-2
				1880	18900	22.87	23	0-2
				1909.3	19193	21.16	23	0-2
			2	1850.7	18607	21.87	23	0-2
				1880	18900	22.73	23	0-2
				1909.3	19193	21.34	23	0-2
			5	1850.7	18607	22.20	23	0-2
				1880	18900	22.68	23	0-2
				1909.3	19193	21.23	23	0-2
		3 RB	0	1850.7	18607	22.52	23	0-3
				1880	18900	22.64	23	0-3
				1909.3	19193	22.04	23	0-3
			2	1850.7	18607	21.77	23	0-3
				1880	18900	22.54	23	0-3
				1909.3	19193	21.84	23	0-3
			3	1850.7	18607	22.11	23	0-3
				1880	18900	22.55	23	0-3
				1909.3	19193	21.78	23	0-3
		6RB		1850.7	18607	21.06	22	0-3
				1880	18900	21.85	22	0-3
				1909.3	19193	21.00	22	0-3

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FDD Band 2 (Reduced Power)								
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	20.42	20.5	0
				1880	18900	20.33	20.5	0
				1900	19100	20.25	20.5	0
			50	1860	18700	20.47	20.5	0
				1880	18900	20.35	20.5	0
				1900	19100	20.34	20.5	0
			99	1860	18700	20.39	20.5	0
				1880	18900	20.45	20.5	0
				1900	19100	20.41	20.5	0
		50 RB	0	1860	18700	19.45	19.5	0-1
				1880	18900	19.43	19.5	0-1
				1900	19100	19.38	19.5	0-1
			25	1860	18700	19.43	19.5	0-1
				1880	18900	19.42	19.5	0-1
				1900	19100	19.34	19.5	0-1
			50	1860	18700	19.47	19.5	0-1
				1880	18900	19.35	19.5	0-1
				1900	19100	19.36	19.5	0-1
		100RB		1860	18700	19.37	19.5	0-1
				1880	18900	19.36	19.5	0-1
				1900	19100	19.35	19.5	0-1
	16-QAM	1 RB	0	1860	18700	19.43	19.5	0-1
				1880	18900	19.35	19.5	0-1
				1900	19100	19.21	19.5	0-1
			50	1860	18700	19.44	19.5	0-1
				1880	18900	19.27	19.5	0-1
				1900	19100	19.31	19.5	0-1
			99	1860	18700	19.46	19.5	0-1
				1880	18900	19.29	19.5	0-1
				1900	19100	19.33	19.5	0-1
		50 RB	0	1860	18700	18.24	18.5	0-2
				1880	18900	18.13	18.5	0-2
				1900	19100	18.11	18.5	0-2
			25	1860	18700	18.29	18.5	0-2
				1880	18900	18.23	18.5	0-2
				1900	19100	18.22	18.5	0-2
			50	1860	18700	18.21	18.5	0-2
				1880	18900	18.22	18.5	0-2
				1900	19100	18.19	18.5	0-2
		100RB		1860	18700	18.15	18.5	0-2
				1880	18900	18.14	18.5	0-2
				1900	19100	18.15	18.5	0-2

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f (886-2) 2298-0488

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FDD Band 2 (Reduced Power)								
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20	64-QAM	1 RB	0	1860	18700	18.39	18.5	0-2
				1880	18900	18.31	18.5	0-2
				1900	19100	18.19	18.5	0-2
			50	1860	18700	18.42	18.5	0-2
				1880	18900	18.31	18.5	0-2
				1900	19100	18.28	18.5	0-2
			99	1860	18700	18.39	18.5	0-2
				1880	18900	18.33	18.5	0-2
				1900	19100	18.34	18.5	0-2
		50 RB	0	1860	18700	17.25	17.5	0-3
				1880	18900	17.14	17.5	0-3
				1900	19100	17.11	17.5	0-3
			25	1860	18700	17.31	17.5	0-3
				1880	18900	17.19	17.5	0-3
				1900	19100	17.21	17.5	0-3
			50	1860	18700	17.21	17.5	0-3
				1880	18900	17.15	17.5	0-3
				1900	19100	17.21	17.5	0-3
		100RB		1860	18700	17.16	17.5	0-3
				1880	18900	17.16	17.5	0-3
				1900	19100	17.17	17.5	0-3

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FDD Band 2 (Reduced Power)								
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	20.41	20.5	0
				1880	18900	20.28	20.5	0
				1902.5	19125	20.21	20.5	0
			36	1857.5	18675	20.42	20.5	0
				1880	18900	20.33	20.5	0
				1902.5	19125	20.33	20.5	0
			74	1857.5	18675	20.37	20.5	0
				1880	18900	20.42	20.5	0
				1902.5	19125	20.36	20.5	0
		36 RB	0	1857.5	18675	19.41	19.5	0-1
				1880	18900	19.39	19.5	0-1
				1902.5	19125	19.35	19.5	0-1
			18	1857.5	18675	19.41	19.5	0-1
				1880	18900	19.41	19.5	0-1
				1902.5	19125	19.31	19.5	0-1
			37	1857.5	18675	19.42	19.5	0-1
				1880	18900	19.28	19.5	0-1
				1902.5	19125	19.35	19.5	0-1
		75RB		1857.5	18675	19.32	19.5	0-1
				1880	18900	19.34	19.5	0-1
				1902.5	19125	19.28	19.5	0-1
	16-QAM	1 RB	0	1857.5	18675	19.42	19.5	0-1
				1880	18900	19.31	19.5	0-1
				1902.5	19125	19.17	19.5	0-1
			36	1857.5	18675	19.41	19.5	0-1
				1880	18900	19.23	19.5	0-1
				1902.5	19125	19.29	19.5	0-1
			74	1857.5	18675	19.42	19.5	0-1
				1880	18900	19.24	19.5	0-1
				1902.5	19125	19.31	19.5	0-1
		36 RB	0	1857.5	18675	18.21	18.5	0-2
				1880	18900	18.12	18.5	0-2
				1902.5	19125	18.05	18.5	0-2
			18	1857.5	18675	18.26	18.5	0-2
				1880	18900	18.21	18.5	0-2
				1902.5	19125	18.17	18.5	0-2
			37	1857.5	18675	18.16	18.5	0-2
				1880	18900	18.17	18.5	0-2
				1902.5	19125	18.14	18.5	0-2
		75RB		1857.5	18675	18.12	18.5	0-2
				1880	18900	18.15	18.5	0-2
				1902.5	19125	18.14	18.5	0-2

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 2 (Reduced Power)								
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	18.37	18.5	0-2
				1880	18900	18.27	18.5	0-2
				1902.5	19125	18.16	18.5	0-2
			36	1857.5	18675	18.41	18.5	0-2
				1880	18900	18.27	18.5	0-2
				1902.5	19125	18.27	18.5	0-2
			74	1857.5	18675	18.38	18.5	0-2
				1880	18900	18.31	18.5	0-2
				1902.5	19125	18.29	18.5	0-2
		36 RB	0	1857.5	18675	17.22	17.5	0-3
				1880	18900	17.09	17.5	0-3
				1902.5	19125	17.08	17.5	0-3
			18	1857.5	18675	17.27	17.5	0-3
				1880	18900	17.18	17.5	0-3
				1902.5	19125	17.23	17.5	0-3
			37	1857.5	18675	17.16	17.5	0-3
				1880	18900	17.13	17.5	0-3
				1902.5	19125	17.18	17.5	0-3
		75RB		1857.5	18675	17.15	17.5	0-3
				1880	18900	17.15	17.5	0-3
				1902.5	19125	17.13	17.5	0-3

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FDD Band 2 (Reduced Power)								
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	20.37	20.5	0
				1880	18900	20.27	20.5	0
				1905	19150	20.18	20.5	0
			25	1855	18650	20.39	20.5	0
				1880	18900	20.32	20.5	0
				1905	19150	20.29	20.5	0
			49	1855	18650	20.36	20.5	0
				1880	18900	20.38	20.5	0
				1905	19150	20.31	20.5	0
		25 RB	0	1855	18650	19.43	19.5	0-1
				1880	18900	19.36	19.5	0-1
				1905	19150	19.32	19.5	0-1
			12	1855	18650	19.39	19.5	0-1
				1880	18900	19.37	19.5	0-1
				1905	19150	19.21	19.5	0-1
			25	1855	18650	19.39	19.5	0-1
				1880	18900	19.26	19.5	0-1
				1905	19150	19.34	19.5	0-1
		50RB		1855	18650	19.33	19.5	0-1
				1880	18900	19.29	19.5	0-1
				1905	19150	19.29	19.5	0-1
	16-QAM	1 RB	0	1855	18650	19.41	19.5	0-1
				1880	18900	19.28	19.5	0-1
				1905	19150	19.13	19.5	0-1
			25	1855	18650	19.37	19.5	0-1
				1880	18900	19.18	19.5	0-1
				1905	19150	19.26	19.5	0-1
			49	1855	18650	19.32	19.5	0-1
				1880	18900	19.22	19.5	0-1
				1905	19150	19.28	19.5	0-1
		25 RB	0	1855	18650	18.21	18.5	0-2
				1880	18900	18.08	18.5	0-2
				1905	19150	18.01	18.5	0-2
			12	1855	18650	18.23	18.5	0-2
				1880	18900	18.19	18.5	0-2
				1905	19150	18.16	18.5	0-2
			25	1855	18650	18.11	18.5	0-2
				1880	18900	18.15	18.5	0-2
				1905	19150	18.09	18.5	0-2
		50RB		1855	18650	18.06	18.5	0-2
				1880	18900	18.08	18.5	0-2
				1905	19150	18.13	18.5	0-2

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FDD Band 2 (Reduced Power)								
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	18.34	18.5	0-2
				1880	18900	18.22	18.5	0-2
				1905	19150	18.14	18.5	0-2
			25	1855	18650	18.36	18.5	0-2
				1880	18900	18.23	18.5	0-2
				1905	19150	18.26	18.5	0-2
			49	1855	18650	18.36	18.5	0-2
				1880	18900	18.28	18.5	0-2
				1905	19150	18.24	18.5	0-2
		25 RB	0	1855	18650	17.19	17.5	0-3
				1880	18900	17.04	17.5	0-3
				1905	19150	17.05	17.5	0-3
			12	1855	18650	17.25	17.5	0-3
				1880	18900	17.15	17.5	0-3
				1905	19150	17.19	17.5	0-3
			25	1855	18650	17.12	17.5	0-3
				1880	18900	17.11	17.5	0-3
				1905	19150	17.17	17.5	0-3
		50RB		1855	18650	17.14	17.5	0-3
				1880	18900	17.12	17.5	0-3
				1905	19150	17.21	17.5	0-3

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FDD Band 2 (Reduced Power)								
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	20.33	20.5	0
				1880	18900	20.24	20.5	0
				1907.5	19175	20.14	20.5	0
			12	1852.5	18625	20.35	20.5	0
				1880	18900	20.27	20.5	0
				1907.5	19175	20.25	20.5	0
			24	1852.5	18625	20.32	20.5	0
				1880	18900	20.35	20.5	0
				1907.5	19175	20.28	20.5	0
		12 RB	0	1852.5	18625	19.36	19.5	0-1
				1880	18900	19.33	19.5	0-1
				1907.5	19175	19.26	19.5	0-1
			6	1852.5	18625	19.36	19.5	0-1
				1880	18900	19.35	19.5	0-1
				1907.5	19175	19.28	19.5	0-1
			13	1852.5	18625	19.35	19.5	0-1
				1880	18900	19.23	19.5	0-1
				1907.5	19175	19.32	19.5	0-1
		25RB		1852.5	18625	19.28	19.5	0-1
				1880	18900	19.28	19.5	0-1
				1907.5	19175	19.25	19.5	0-1
	16-QAM	1 RB	0	1852.5	18625	19.36	19.5	0-1
				1880	18900	19.27	19.5	0-1
				1907.5	19175	19.11	19.5	0-1
			12	1852.5	18625	19.32	19.5	0-1
				1880	18900	19.17	19.5	0-1
				1907.5	19175	19.24	19.5	0-1
			24	1852.5	18625	19.37	19.5	0-1
				1880	18900	19.17	19.5	0-1
				1907.5	19175	19.26	19.5	0-1
		12 RB	0	1852.5	18625	18.15	18.5	0-2
				1880	18900	18.06	18.5	0-2
				1907.5	19175	18.05	18.5	0-2
			6	1852.5	18625	18.19	18.5	0-2
				1880	18900	18.15	18.5	0-2
				1907.5	19175	18.14	18.5	0-2
			13	1852.5	18625	18.08	18.5	0-2
				1880	18900	18.11	18.5	0-2
				1907.5	19175	18.08	18.5	0-2
		25RB		1852.5	18625	18.03	18.5	0-2
				1880	18900	18.05	18.5	0-2
				1907.5	19175	18.08	18.5	0-2

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FDD Band 2 (Reduced Power)								
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	18.32	18.5	0-2
				1880	18900	18.18	18.5	0-2
				1907.5	19175	18.12	18.5	0-2
			12	1852.5	18625	18.34	18.5	0-2
				1880	18900	18.22	18.5	0-2
				1907.5	19175	18.25	18.5	0-2
			24	1852.5	18625	18.35	18.5	0-2
				1880	18900	18.27	18.5	0-2
				1907.5	19175	18.22	18.5	0-2
		12 RB	0	1852.5	18625	17.17	17.5	0-3
				1880	18900	17.03	17.5	0-3
				1907.5	19175	17.04	17.5	0-3
			6	1852.5	18625	17.22	17.5	0-3
				1880	18900	17.21	17.5	0-3
				1907.5	19175	17.16	17.5	0-3
			13	1852.5	18625	17.16	17.5	0-3
				1880	18900	17.06	17.5	0-3
				1907.5	19175	17.16	17.5	0-3
		25RB		1852.5	18625	17.06	17.5	0-3
				1880	18900	17.07	17.5	0-3
				1907.5	19175	17.06	17.5	0-3

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FDD Band 2 (Reduced Power)								
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	20.34	20.5	0
				1880	18900	20.23	20.5	0
				1908.5	19185	20.11	20.5	0
			7	1851.5	18615	20.31	20.5	0
				1880	18900	20.24	20.5	0
				1908.5	19185	20.22	20.5	0
			14	1851.5	18615	20.31	20.5	0
				1880	18900	20.34	20.5	0
				1908.5	19185	20.26	20.5	0
		8 RB	0	1851.5	18615	19.34	19.5	0-1
				1880	18900	19.31	19.5	0-1
				1908.5	19185	19.24	19.5	0-1
			4	1851.5	18615	19.34	19.5	0-1
				1880	18900	19.34	19.5	0-1
				1908.5	19185	19.26	19.5	0-1
			7	1851.5	18615	19.33	19.5	0-1
				1880	18900	19.19	19.5	0-1
				1908.5	19185	19.28	19.5	0-1
		15RB		1851.5	18615	19.27	19.5	0-1
				1880	18900	19.23	19.5	0-1
				1908.5	19185	19.21	19.5	0-1
	16-QAM	1 RB	0	1851.5	18615	19.34	19.5	0-1
				1880	18900	19.25	19.5	0-1
				1908.5	19185	19.12	19.5	0-1
			7	1851.5	18615	19.33	19.5	0-1
				1880	18900	19.13	19.5	0-1
				1908.5	19185	19.21	19.5	0-1
			14	1851.5	18615	19.33	19.5	0-1
				1880	18900	19.14	19.5	0-1
				1908.5	19185	19.22	19.5	0-1
		8 RB	0	1851.5	18615	18.12	18.5	0-2
				1880	18900	18.04	18.5	0-2
				1908.5	19185	17.97	18.5	0-2
			4	1851.5	18615	18.14	18.5	0-2
				1880	18900	18.14	18.5	0-2
				1908.5	19185	18.09	18.5	0-2
			7	1851.5	18615	18.07	18.5	0-2
				1880	18900	18.08	18.5	0-2
				1908.5	19185	18.04	18.5	0-2
		15RB		1851.5	18615	18.02	18.5	0-2
				1880	18900	18.04	18.5	0-2
				1908.5	19185	18.07	18.5	0-2

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FDD Band 2 (Reduced Power)								
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	18.27	18.5	0-2
				1880	18900	18.13	18.5	0-2
				1908.5	19185	18.09	18.5	0-2
			7	1851.5	18615	18.29	18.5	0-2
				1880	18900	18.18	18.5	0-2
				1908.5	19185	18.21	18.5	0-2
			14	1851.5	18615	18.34	18.5	0-2
				1880	18900	18.24	18.5	0-2
				1908.5	19185	18.19	18.5	0-2
		8 RB	0	1851.5	18615	17.13	17.5	0-3
				1880	18900	17.11	17.5	0-3
				1908.5	19185	17.12	17.5	0-3
			4	1851.5	18615	17.18	17.5	0-3
				1880	18900	17.07	17.5	0-3
				1908.5	19185	17.13	17.5	0-3
			7	1851.5	18615	17.08	17.5	0-3
				1880	18900	17.01	17.5	0-3
				1908.5	19185	17.15	17.5	0-3
		15RB		1851.5	18615	17.01	17.5	0-3
				1880	18900	17.05	17.5	0-3
				1908.5	19185	17.03	17.5	0-3

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FDD Band 2 (Reduced Power)								
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	20.34	20.5	0
				1880	18900	20.29	20.5	0
				1909.3	19193	20.22	20.5	0
			2	1850.7	18607	20.42	20.5	0
				1880	18900	20.33	20.5	0
				1909.3	19193	20.33	20.5	0
			5	1850.7	18607	20.32	20.5	0
				1880	18900	20.24	20.5	0
				1909.3	19193	20.25	20.5	0
		3 RB	0	1850.7	18607	19.35	19.5	0-1
				1880	18900	19.29	19.5	0-1
				1909.3	19193	19.29	19.5	0-1
			2	1850.7	18607	19.42	19.5	0-1
				1880	18900	19.34	19.5	0-1
				1909.3	19193	19.32	19.5	0-1
			3	1850.7	18607	19.39	19.5	0-1
				1880	18900	19.29	19.5	0-1
				1909.3	19193	19.31	19.5	0-1
		6RB		1850.7	18607	19.36	19.5	0-1
				1880	18900	19.28	19.5	0-1
				1909.3	19193	19.28	19.5	0-1
	16-QAM	1 RB	0	1850.7	18607	19.33	19.5	0-1
				1880	18900	19.28	19.5	0-1
				1909.3	19193	19.32	19.5	0-1
			2	1850.7	18607	19.45	19.5	0-1
				1880	18900	19.42	19.5	0-1
				1909.3	19193	19.41	19.5	0-1
			5	1850.7	18607	19.36	19.5	0-1
				1880	18900	19.27	19.5	0-1
				1909.3	19193	19.26	19.5	0-1
		3 RB	0	1850.7	18607	19.17	19.5	0-1
				1880	18900	19.44	19.5	0-1
				1909.3	19193	19.46	19.5	0-1
			2	1850.7	18607	19.33	19.5	0-1
				1880	18900	19.50	19.5	0-1
				1909.3	19193	19.48	19.5	0-1
			3	1850.7	18607	19.48	19.5	0-1
				1880	18900	19.42	19.5	0-1
				1909.3	19193	19.44	19.5	0-1
		6RB		1850.7	18607	18.41	18.5	0-2
				1880	18900	18.48	18.5	0-2
				1909.3	19193	18.44	18.5	0-2

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 2 (Reduced Power)								
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	18.42	18.5	0-2
				1880	18900	18.34	18.5	0-2
				1909.3	19193	18.32	18.5	0-2
			2	1850.7	18607	18.45	18.5	0-2
				1880	18900	18.43	18.5	0-2
				1909.3	19193	18.43	18.5	0-2
			5	1850.7	18607	18.46	18.5	0-2
				1880	18900	18.35	18.5	0-2
				1909.3	19193	18.36	18.5	0-2
		3 RB	0	1850.7	18607	18.37	18.5	0-2
				1880	18900	18.32	18.5	0-2
				1909.3	19193	18.33	18.5	0-2
			2	1850.7	18607	18.44	18.5	0-2
				1880	18900	18.41	18.5	0-2
				1909.3	19193	18.41	18.5	0-2
			3	1850.7	18607	18.43	18.5	0-2
				1880	18900	18.32	18.5	0-2
				1909.3	19193	18.35	18.5	0-2
		6RB		1850.7	18607	17.48	17.5	0-3
				1880	18900	17.39	17.5	0-3
				1909.3	19193	17.39	17.5	0-3

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FDD Band 4 (Full power)								
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	24.98	25	0
				1732.5	20175	23.18	25	0
				1745	20300	24.46	25	0
			50	1720	20050	24.78	25	0
				1732.5	20175	23.85	25	0
				1745	20300	24.34	25	0
			99	1720	20050	24.69	25	0
				1732.5	20175	23.21	25	0
				1745	20300	24.07	25	0
		50 RB	0	1720	20050	23.88	24	0-1
				1732.5	20175	22.05	24	0-1
				1745	20300	22.96	24	0-1
			25	1720	20050	23.83	24	0-1
				1732.5	20175	22.88	24	0-1
				1745	20300	22.96	24	0-1
			50	1720	20050	23.84	24	0-1
				1732.5	20175	22.04	24	0-1
				1745	20300	22.99	24	0-1
		100RB		1720	20050	23.80	24	0-1
				1732.5	20175	22.99	24	0-1
				1745	20300	22.97	24	0-1
	16-QAM	1 RB	0	1720	20050	23.02	24	0-1
				1732.5	20175	23.83	24	0-1
				1745	20300	22.97	24	0-1
			50	1720	20050	23.79	24	0-1
				1732.5	20175	23.77	24	0-1
				1745	20300	22.81	24	0-1
			99	1720	20050	23.88	24	0-1
				1732.5	20175	23.82	24	0-1
				1745	20300	22.73	24	0-1
		50 RB	0	1720	20050	22.03	23	0-2
				1732.5	20175	22.84	23	0-2
				1745	20300	22.01	23	0-2
			25	1720	20050	22.96	23	0-2
				1732.5	20175	22.93	23	0-2
				1745	20300	21.95	23	0-2
			50	1720	20050	22.93	23	0-2
				1732.5	20175	22.87	23	0-2
				1745	20300	21.97	23	0-2
		100RB		1720	20050	22.92	23	0-2
				1732.5	20175	22.88	23	0-2
				1745	20300	21.98	23	0-2

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FDD Band 4 (Full power)								
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	21.96	23	0-2
				1732.5	20175	22.65	23	0-2
				1745	20300	21.92	23	0-2
			50	1720	20050	22.89	23	0-2
				1732.5	20175	22.78	23	0-2
				1745	20300	21.76	23	0-2
			99	1720	20050	22.79	23	0-2
				1732.5	20175	22.72	23	0-2
				1745	20300	21.88	23	0-2
		50 RB	0	1720	20050	20.82	22	0-3
				1732.5	20175	21.48	22	0-3
				1745	20300	20.90	22	0-3
			25	1720	20050	21.87	22	0-3
				1732.5	20175	21.63	22	0-3
				1745	20300	20.76	22	0-3
			50	1720	20050	21.68	22	0-3
				1732.5	20175	21.71	22	0-3
				1745	20300	20.71	22	0-3
		100RB		1720	20050	21.76	22	0-3
				1732.5	20175	21.57	22	0-3
				1745	20300	20.76	22	0-3

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FDD Band 4 (Full power)								
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	24.96	25	0
				1732.5	20175	23.08	25	0
				1747.5	20325	24.43	25	0
			36	1717.5	20025	24.73	25	0
				1732.5	20175	23.66	25	0
				1747.5	20325	24.17	25	0
			74	1717.5	20025	24.67	25	0
				1732.5	20175	23.17	25	0
				1747.5	20325	23.89	25	0
		36 RB	0	1717.5	20025	23.68	24	0-1
				1732.5	20175	22.92	24	0-1
				1747.5	20325	22.83	24	0-1
			18	1717.5	20025	23.74	24	0-1
				1732.5	20175	22.74	24	0-1
				1747.5	20325	22.91	24	0-1
			37	1717.5	20025	23.66	24	0-1
				1732.5	20175	22.91	24	0-1
				1747.5	20325	22.78	24	0-1
		75RB		1717.5	20025	23.71	24	0-1
				1732.5	20175	22.79	24	0-1
				1747.5	20325	22.76	24	0-1
	16-QAM	1 RB	0	1717.5	20025	22.85	24	0-1
				1732.5	20175	23.78	24	0-1
				1747.5	20325	22.84	24	0-1
			36	1717.5	20025	23.74	24	0-1
				1732.5	20175	23.68	24	0-1
				1747.5	20325	22.77	24	0-1
			74	1717.5	20025	23.77	24	0-1
				1732.5	20175	23.67	24	0-1
				1747.5	20325	22.60	24	0-1
		36 RB	0	1717.5	20025	21.96	23	0-2
				1732.5	20175	22.81	23	0-2
				1747.5	20325	21.95	23	0-2
			18	1717.5	20025	22.81	23	0-2
				1732.5	20175	22.73	23	0-2
				1747.5	20325	21.88	23	0-2
			37	1717.5	20025	22.81	23	0-2
				1732.5	20175	22.83	23	0-2
				1747.5	20325	21.91	23	0-2
		75RB		1717.5	20025	22.76	23	0-2
				1732.5	20175	22.75	23	0-2
				1747.5	20325	21.82	23	0-2

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FDD Band 4 (Full power)								
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	20025	21.75	23	0-2
				1732.5	20175	22.63	23	0-2
				1747.5	20325	21.84	23	0-2
			36	1717.5	20025	22.82	23	0-2
				1732.5	20175	22.62	23	0-2
				1747.5	20325	21.65	23	0-2
			74	1717.5	20025	22.58	23	0-2
				1732.5	20175	22.70	23	0-2
				1747.5	20325	21.69	23	0-2
		36 RB	0	1717.5	20025	20.71	22	0-3
				1732.5	20175	21.31	22	0-3
				1747.5	20325	20.88	22	0-3
			18	1717.5	20025	21.73	22	0-3
				1732.5	20175	21.60	22	0-3
				1747.5	20325	20.60	22	0-3
			37	1717.5	20025	21.60	22	0-3
				1732.5	20175	21.63	22	0-3
				1747.5	20325	20.66	22	0-3
		75RB		1717.5	20025	21.71	22	0-3
				1732.5	20175	21.52	22	0-3
				1747.5	20325	20.66	22	0-3

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FDD Band 4 (Full power)								
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	24.89	25	0
				1732.5	20175	23.05	25	0
				1750	20350	24.28	25	0
			25	1715	20000	24.70	25	0
				1732.5	20175	23.64	25	0
				1750	20350	24.04	25	0
			49	1715	20000	24.56	25	0
				1732.5	20175	23.08	25	0
				1750	20350	23.85	25	0
		25 RB	0	1715	20000	23.51	24	0-1
				1732.5	20175	22.73	24	0-1
				1750	20350	22.64	24	0-1
			12	1715	20000	23.53	24	0-1
				1732.5	20175	22.58	24	0-1
				1750	20350	22.81	24	0-1
			25	1715	20000	23.63	24	0-1
				1732.5	20175	22.73	24	0-1
				1750	20350	22.65	24	0-1
		50RB		1715	20000	23.68	24	0-1
				1732.5	20175	22.60	24	0-1
				1750	20350	22.74	24	0-1
	16-QAM	1 RB	0	1715	20000	22.74	24	0-1
				1732.5	20175	23.67	24	0-1
				1750	20350	22.80	24	0-1
			25	1715	20000	23.63	24	0-1
				1732.5	20175	23.51	24	0-1
				1750	20350	22.68	24	0-1
			49	1715	20000	23.72	24	0-1
				1732.5	20175	23.59	24	0-1
				1750	20350	22.41	24	0-1
		25 RB	0	1715	20000	21.88	23	0-2
				1732.5	20175	22.77	23	0-2
				1750	20350	21.82	23	0-2
			12	1715	20000	22.71	23	0-2
				1732.5	20175	22.52	23	0-2
				1750	20350	21.81	23	0-2
			25	1715	20000	22.66	23	0-2
				1732.5	20175	22.71	23	0-2
				1750	20350	21.85	23	0-2
		50RB		1715	20000	22.63	23	0-2
				1732.5	20175	22.68	23	0-2
				1750	20350	21.71	23	0-2

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FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	20000	21.72	23	0-2
				1732.5	20175	22.52	23	0-2
				1750	20350	21.80	23	0-2
			25	1715	20000	22.78	23	0-2
				1732.5	20175	22.54	23	0-2
				1750	20350	21.52	23	0-2
			49	1715	20000	22.56	23	0-2
				1732.5	20175	22.51	23	0-2
				1750	20350	21.61	23	0-2
		25 RB	0	1715	20000	20.59	22	0-3
				1732.5	20175	21.28	22	0-3
				1750	20350	20.74	22	0-3
			12	1715	20000	21.71	22	0-3
				1732.5	20175	21.56	22	0-3
				1750	20350	20.46	22	0-3
			25	1715	20000	21.41	22	0-3
				1732.5	20175	21.52	22	0-3
				1750	20350	20.48	22	0-3
		50RB		1715	20000	21.67	22	0-3
				1732.5	20175	21.49	22	0-3
				1750	20350	20.62	22	0-3

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t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 4 (Full power)								
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	24.81	25	0
				1732.5	20175	23.01	25	0
				1752.5	20375	24.26	25	0
			12	1712.5	19975	24.58	25	0
				1732.5	20175	23.60	25	0
				1752.5	20375	23.92	25	0
			24	1712.5	19975	24.37	25	0
				1732.5	20175	23.00	25	0
				1752.5	20375	23.74	25	0
		12 RB	0	1712.5	19975	23.37	24	0-1
				1732.5	20175	22.54	24	0-1
				1752.5	20375	22.45	24	0-1
			6	1712.5	19975	23.45	24	0-1
				1732.5	20175	22.55	24	0-1
				1752.5	20375	22.70	24	0-1
			13	1712.5	19975	23.51	24	0-1
				1732.5	20175	22.58	24	0-1
				1752.5	20375	22.46	24	0-1
		25RB		1712.5	19975	23.59	24	0-1
				1732.5	20175	22.54	24	0-1
				1752.5	20375	22.63	24	0-1
	16-QAM	1 RB	0	1712.5	19975	22.72	24	0-1
				1732.5	20175	23.53	24	0-1
				1752.5	20375	22.60	24	0-1
			12	1712.5	19975	23.52	24	0-1
				1732.5	20175	23.49	24	0-1
				1752.5	20375	22.47	24	0-1
			24	1712.5	19975	23.55	24	0-1
				1732.5	20175	23.45	24	0-1
				1752.5	20375	22.33	24	0-1
		12 RB	0	1712.5	19975	21.67	23	0-2
				1732.5	20175	22.61	23	0-2
				1752.5	20375	21.68	23	0-2
			6	1712.5	19975	22.58	23	0-2
				1732.5	20175	22.34	23	0-2
				1752.5	20375	21.69	23	0-2
			13	1712.5	19975	22.49	23	0-2
				1732.5	20175	22.68	23	0-2
				1752.5	20375	21.77	23	0-2
		25RB		1712.5	19975	22.52	23	0-2
				1732.5	20175	22.66	23	0-2
				1752.5	20375	21.51	23	0-2

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f (886-2) 2298-0488

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FDD Band 4 (Full power)								
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	21.55	23	0-2
				1732.5	20175	22.34	23	0-2
				1752.5	20375	21.63	23	0-2
			12	1712.5	19975	22.63	23	0-2
				1732.5	20175	22.37	23	0-2
				1752.5	20375	21.41	23	0-2
			24	1712.5	19975	22.42	23	0-2
				1732.5	20175	22.44	23	0-2
				1752.5	20375	21.47	23	0-2
		12 RB	0	1712.5	19975	20.46	22	0-3
				1732.5	20175	21.17	22	0-3
				1752.5	20375	20.65	22	0-3
			6	1712.5	19975	21.64	22	0-3
				1732.5	20175	21.37	22	0-3
				1752.5	20375	20.33	22	0-3
			13	1712.5	19975	21.37	22	0-3
				1732.5	20175	21.41	22	0-3
				1752.5	20375	20.27	22	0-3
		25RB		1712.5	19975	21.58	22	0-3
				1732.5	20175	21.43	22	0-3
				1752.5	20375	20.56	22	0-3

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f (886-2) 2298-0488

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FDD Band 4 (Full power)								
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	24.67	25	0
				1732.5	20175	23.91	25	0
				1753.5	20385	24.21	25	0
			7	1711.5	19965	24.45	25	0
				1732.5	20175	23.50	25	0
				1753.5	20385	23.71	25	0
			14	1711.5	19965	24.19	25	0
				1732.5	20175	23.93	25	0
				1753.5	20385	23.68	25	0
		8 RB	0	1711.5	19965	23.27	24	0-1
				1732.5	20175	22.44	24	0-1
				1753.5	20385	22.36	24	0-1
			4	1711.5	19965	23.35	24	0-1
				1732.5	20175	22.50	24	0-1
				1753.5	20385	22.57	24	0-1
			7	1711.5	19965	23.31	24	0-1
				1732.5	20175	22.56	24	0-1
				1753.5	20385	22.28	24	0-1
		15RB		1711.5	19965	23.47	24	0-1
				1732.5	20175	22.42	24	0-1
				1753.5	20385	22.48	24	0-1
	16-QAM	1 RB	0	1711.5	19965	22.62	24	0-1
				1732.5	20175	23.37	24	0-1
				1753.5	20385	22.40	24	0-1
			7	1711.5	19965	23.48	24	0-1
				1732.5	20175	23.30	24	0-1
				1753.5	20385	22.37	24	0-1
			14	1711.5	19965	23.40	24	0-1
				1732.5	20175	23.39	24	0-1
				1753.5	20385	22.22	24	0-1
		8 RB	0	1711.5	19965	21.54	23	0-2
				1732.5	20175	22.40	23	0-2
				1753.5	20385	21.58	23	0-2
			4	1711.5	19965	22.51	23	0-2
				1732.5	20175	22.31	23	0-2
				1753.5	20385	21.55	23	0-2
			7	1711.5	19965	22.46	23	0-2
				1732.5	20175	22.50	23	0-2
				1753.5	20385	21.56	23	0-2
		15RB		1711.5	19965	22.33	23	0-2
				1732.5	20175	22.62	23	0-2
				1753.5	20385	21.46	23	0-2

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FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1711.5	19965	21.53	23	0-2
				1732.5	20175	22.31	23	0-2
				1753.5	20385	21.60	23	0-2
			7	1711.5	19965	22.50	23	0-2
				1732.5	20175	22.16	23	0-2
				1753.5	20385	21.27	23	0-2
			14	1711.5	19965	22.38	23	0-2
				1732.5	20175	22.25	23	0-2
				1753.5	20385	21.38	23	0-2
		8 RB	0	1711.5	19965	20.27	22	0-3
				1732.5	20175	21.07	22	0-3
				1753.5	20385	20.61	22	0-3
			4	1711.5	19965	21.43	22	0-3
				1732.5	20175	21.31	22	0-3
				1753.5	20385	20.22	22	0-3
			7	1711.5	19965	21.25	22	0-3
				1732.5	20175	21.30	22	0-3
				1753.5	20385	20.24	22	0-3
		15RB		1711.5	19965	21.51	22	0-3
				1732.5	20175	21.35	22	0-3
				1753.5	20385	20.47	22	0-3

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FDD Band 4 (Full power)								
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	24.88	25	0
				1732.5	20175	23.75	25	0
				1754.3	20393	23.96	25	0
			2	1710.7	19957	24.89	25	0
				1732.5	20175	23.48	25	0
				1754.3	20393	24.14	25	0
			5	1710.7	19957	24.77	25	0
				1732.5	20175	23.01	25	0
				1754.3	20393	24.33	25	0
		3 RB	0	1710.7	19957	23.89	24	0-1
				1732.5	20175	23.26	24	0-1
				1754.3	20393	23.72	24	0-1
			2	1710.7	19957	23.86	24	0-1
				1732.5	20175	23.20	24	0-1
				1754.3	20393	23.96	24	0-1
			3	1710.7	19957	23.93	24	0-1
				1732.5	20175	23.30	24	0-1
				1754.3	20393	23.93	24	0-1
		6RB		1710.7	19957	23.86	24	0-1
				1732.5	20175	22.23	24	0-1
				1754.3	20393	23.08	24	0-1
	16-QAM	1 RB	0	1710.7	19957	23.08	24	0-1
				1732.5	20175	23.72	24	0-1
				1754.3	20393	22.17	24	0-1
			2	1710.7	19957	23.44	24	0-1
				1732.5	20175	23.92	24	0-1
				1754.3	20393	22.16	24	0-1
			5	1710.7	19957	23.07	24	0-1
				1732.5	20175	23.80	24	0-1
				1754.3	20393	22.20	24	0-1
		3 RB	0	1710.7	19957	23.07	24	0-1
				1732.5	20175	23.86	24	0-1
				1754.3	20393	22.21	24	0-1
			2	1710.7	19957	23.14	24	0-1
				1732.5	20175	23.84	24	0-1
				1754.3	20393	22.21	24	0-1
			3	1710.7	19957	23.04	24	0-1
				1732.5	20175	23.84	24	0-1
				1754.3	20393	22.08	24	0-1
		6RB		1710.7	19957	22.14	23	0-2
				1732.5	20175	22.81	23	0-2
				1754.3	20393	21.96	23	0-2

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FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	19957	21.62	23	0-2
				1732.5	20175	22.26	23	0-2
				1754.3	20393	21.62	23	0-2
			2	1710.7	19957	22.02	23	0-2
				1732.5	20175	22.35	23	0-2
				1754.3	20393	21.65	23	0-2
			5	1710.7	19957	21.59	23	0-2
				1732.5	20175	22.29	23	0-2
				1754.3	20393	21.67	23	0-2
		3 RB	0	1710.7	19957	21.67	23	0-2
				1732.5	20175	22.32	23	0-2
				1754.3	20393	21.66	23	0-2
			2	1710.7	19957	21.64	23	0-2
				1732.5	20175	22.31	23	0-2
				1754.3	20393	21.72	23	0-2
			3	1710.7	19957	21.49	23	0-2
				1732.5	20175	22.26	23	0-2
				1754.3	20393	21.50	23	0-2
		6RB		1710.7	19957	20.70	22	0-3
				1732.5	20175	21.28	22	0-3
				1754.3	20393	20.37	22	0-3

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FDD Band 4 (Reduced Power)								
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	19.46	19.5	0
				1732.5	20175	19.41	19.5	0
				1745	20300	19.45	19.5	0
			50	1720	20050	19.43	19.5	0
				1732.5	20175	19.44	19.5	0
				1745	20300	19.42	19.5	0
			99	1720	20050	19.37	19.5	0
				1732.5	20175	19.41	19.5	0
				1745	20300	19.43	19.5	0
		50 RB	0	1720	20050	18.48	18.5	0-1
				1732.5	20175	18.43	18.5	0-1
				1745	20300	18.44	18.5	0-1
			25	1720	20050	18.43	18.5	0-1
				1732.5	20175	18.45	18.5	0-1
				1745	20300	18.42	18.5	0-1
			50	1720	20050	18.41	18.5	0-1
				1732.5	20175	18.44	18.5	0-1
				1745	20300	18.46	18.5	0-1
		100RB		1720	20050	18.49	18.5	0-1
				1732.5	20175	18.46	18.5	0-1
				1745	20300	18.44	18.5	0-1
	16-QAM	1 RB	0	1720	20050	18.48	18.5	0-1
				1732.5	20175	18.42	18.5	0-1
				1745	20300	18.32	18.5	0-1
			50	1720	20050	18.43	18.5	0-1
				1732.5	20175	18.44	18.5	0-1
				1745	20300	18.48	18.5	0-1
			99	1720	20050	18.37	18.5	0-1
				1732.5	20175	18.44	18.5	0-1
				1745	20300	18.47	18.5	0-1
		50 RB	0	1720	20050	17.15	17.5	0-2
				1732.5	20175	17.18	17.5	0-2
				1745	20300	17.19	17.5	0-2
			25	1720	20050	17.11	17.5	0-2
				1732.5	20175	17.19	17.5	0-2
				1745	20300	17.22	17.5	0-2
			50	1720	20050	17.12	17.5	0-2
				1732.5	20175	17.18	17.5	0-2
				1745	20300	17.22	17.5	0-2
		100RB		1720	20050	17.11	17.5	0-2
				1732.5	20175	17.18	17.5	0-2
				1745	20300	17.22	17.5	0-2

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f (886-2) 2298-0488

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FDD Band 4 (Reduced Power)								
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	17.37	17.5	0-2
				1732.5	20175	17.32	17.5	0-2
				1745	20300	17.44	17.5	0-2
			50	1720	20050	17.39	17.5	0-2
				1732.5	20175	17.38	17.5	0-2
				1745	20300	17.42	17.5	0-2
			99	1720	20050	17.24	17.5	0-2
				1732.5	20175	17.33	17.5	0-2
				1745	20300	17.38	17.5	0-2
		50 RB	0	1720	20050	16.07	16.5	0-3
				1732.5	20175	16.18	16.5	0-3
				1745	20300	16.14	16.5	0-3
			25	1720	20050	15.99	16.5	0-3
				1732.5	20175	16.22	16.5	0-3
				1745	20300	16.11	16.5	0-3
			50	1720	20050	16.11	16.5	0-3
				1732.5	20175	16.23	16.5	0-3
				1745	20300	16.13	16.5	0-3
		100RB		1720	20050	16.27	16.5	0-3
				1732.5	20175	16.16	16.5	0-3
				1745	20300	16.05	16.5	0-3

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FDD Band 4 (Reduced Power)								
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	19.43	19.5	0
				1732.5	20175	19.37	19.5	0
				1747.5	20325	19.44	19.5	0
			36	1717.5	20025	19.38	19.5	0
				1732.5	20175	19.39	19.5	0
				1747.5	20325	19.38	19.5	0
			74	1717.5	20025	19.35	19.5	0
				1732.5	20175	19.39	19.5	0
				1747.5	20325	19.38	19.5	0
		36 RB	0	1717.5	20025	18.46	18.5	0-1
				1732.5	20175	18.39	18.5	0-1
				1747.5	20325	18.41	18.5	0-1
			18	1717.5	20025	18.38	18.5	0-1
				1732.5	20175	18.41	18.5	0-1
				1747.5	20325	18.39	18.5	0-1
			37	1717.5	20025	18.36	18.5	0-1
				1732.5	20175	18.35	18.5	0-1
				1747.5	20325	18.43	18.5	0-1
		75RB		1717.5	20025	18.44	18.5	0-1
				1732.5	20175	18.43	18.5	0-1
				1747.5	20325	18.41	18.5	0-1
	16-QAM	1 RB	0	1717.5	20025	18.43	18.5	0-1
				1732.5	20175	18.38	18.5	0-1
				1747.5	20325	18.31	18.5	0-1
			36	1717.5	20025	18.39	18.5	0-1
				1732.5	20175	18.49	18.5	0-1
				1747.5	20325	18.46	18.5	0-1
			74	1717.5	20025	18.34	18.5	0-1
				1732.5	20175	18.43	18.5	0-1
				1747.5	20325	18.42	18.5	0-1
		36 RB	0	1717.5	20025	17.14	17.5	0-2
				1732.5	20175	17.15	17.5	0-2
				1747.5	20325	17.17	17.5	0-2
			18	1717.5	20025	17.07	17.5	0-2
				1732.5	20175	17.17	17.5	0-2
				1747.5	20325	17.19	17.5	0-2
			37	1717.5	20025	17.09	17.5	0-2
				1732.5	20175	17.16	17.5	0-2
				1747.5	20325	17.16	17.5	0-2
		75RB		1717.5	20025	17.05	17.5	0-2
				1732.5	20175	17.17	17.5	0-2
				1747.5	20325	17.19	17.5	0-2

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FDD Band 4 (Reduced Power)								
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	20025	17.33	17.5	0-2
				1732.5	20175	17.31	17.5	0-2
				1747.5	20325	17.39	17.5	0-2
			36	1717.5	20025	17.34	17.5	0-2
				1732.5	20175	17.36	17.5	0-2
				1747.5	20325	17.41	17.5	0-2
			74	1717.5	20025	17.22	17.5	0-2
				1732.5	20175	17.28	17.5	0-2
				1747.5	20325	17.36	17.5	0-2
		36 RB	0	1717.5	20025	16.04	16.5	0-3
				1732.5	20175	16.15	16.5	0-3
				1747.5	20325	16.11	16.5	0-3
			18	1717.5	20025	15.94	16.5	0-3
				1732.5	20175	16.18	16.5	0-3
				1747.5	20325	16.12	16.5	0-3
			37	1717.5	20025	16.06	16.5	0-3
				1732.5	20175	16.17	16.5	0-3
				1747.5	20325	16.05	16.5	0-3
		75RB		1717.5	20025	16.26	16.5	0-3
				1732.5	20175	16.14	16.5	0-3
				1747.5	20325	16.02	16.5	0-3

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FDD Band 4 (Reduced Power)								
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	19.37	19.5	0
				1732.5	20175	19.31	19.5	0
				1750	20350	19.37	19.5	0
			25	1715	20000	19.31	19.5	0
				1732.5	20175	19.32	19.5	0
				1750	20350	19.31	19.5	0
			49	1715	20000	19.33	19.5	0
				1732.5	20175	19.34	19.5	0
				1750	20350	19.32	19.5	0
		25 RB	0	1715	20000	18.43	18.5	0-1
				1732.5	20175	18.32	18.5	0-1
				1750	20350	18.34	18.5	0-1
			12	1715	20000	18.32	18.5	0-1
				1732.5	20175	18.37	18.5	0-1
				1750	20350	18.34	18.5	0-1
			25	1715	20000	18.31	18.5	0-1
				1732.5	20175	18.36	18.5	0-1
				1750	20350	18.38	18.5	0-1
		50RB		1715	20000	18.39	18.5	0-1
				1732.5	20175	18.39	18.5	0-1
				1750	20350	18.37	18.5	0-1
	16-QAM	1 RB	0	1715	20000	18.37	18.5	0-1
				1732.5	20175	18.33	18.5	0-1
				1750	20350	18.28	18.5	0-1
			25	1715	20000	18.32	18.5	0-1
				1732.5	20175	18.43	18.5	0-1
				1750	20350	18.43	18.5	0-1
			49	1715	20000	18.31	18.5	0-1
				1732.5	20175	18.38	18.5	0-1
				1750	20350	18.35	18.5	0-1
		25 RB	0	1715	20000	17.07	17.5	0-2
				1732.5	20175	17.08	17.5	0-2
				1750	20350	17.11	17.5	0-2
			12	1715	20000	17.03	17.5	0-2
				1732.5	20175	17.13	17.5	0-2
				1750	20350	17.12	17.5	0-2
			25	1715	20000	17.03	17.5	0-2
				1732.5	20175	17.22	17.5	0-2
				1750	20350	17.12	17.5	0-2
		50RB		1715	20000	16.99	17.5	0-2
				1732.5	20175	17.12	17.5	0-2
				1750	20350	17.14	17.5	0-2

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FDD Band 4 (Reduced Power)								
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	17.29	17.5	0-2
				1732.5	20175	17.25	17.5	0-2
				1750	20350	17.35	17.5	0-2
			25	1715	20000	17.31	17.5	0-2
				1732.5	20175	17.33	17.5	0-2
				1750	20350	17.37	17.5	0-2
			49	1715	20000	17.19	17.5	0-2
				1732.5	20175	17.24	17.5	0-2
				1750	20350	17.32	17.5	0-2
		25 RB	0	1715	20000	16.01	16.5	0-3
				1732.5	20175	16.12	16.5	0-3
				1750	20350	16.04	16.5	0-3
			12	1715	20000	15.88	16.5	0-3
				1732.5	20175	16.15	16.5	0-3
				1750	20350	16.06	16.5	0-3
			25	1715	20000	16.01	16.5	0-3
				1732.5	20175	16.11	16.5	0-3
				1750	20350	16.01	16.5	0-3
		50RB		1715	20000	16.23	16.5	0-3
				1732.5	20175	16.07	16.5	0-3
				1750	20350	15.99	16.5	0-3

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FDD Band 4 (Reduced Power)								
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	19.33	19.5	0
				1732.5	20175	19.27	19.5	0
				1752.5	20375	19.32	19.5	0
			12	1712.5	19975	19.28	19.5	0
				1732.5	20175	19.27	19.5	0
				1752.5	20375	19.27	19.5	0
			24	1712.5	19975	19.27	19.5	0
				1732.5	20175	19.27	19.5	0
				1752.5	20375	19.28	19.5	0
		12 RB	0	1712.5	19975	18.39	18.5	0-1
				1732.5	20175	18.25	18.5	0-1
				1752.5	20375	18.29	18.5	0-1
			6	1712.5	19975	18.29	18.5	0-1
				1732.5	20175	18.31	18.5	0-1
				1752.5	20375	18.32	18.5	0-1
			13	1712.5	19975	18.27	18.5	0-1
				1732.5	20175	18.29	18.5	0-1
				1752.5	20375	18.34	18.5	0-1
			25RB	1712.5	19975	18.34	18.5	0-1
				1732.5	20175	18.34	18.5	0-1
				1752.5	20375	18.33	18.5	0-1
	16-QAM	1 RB	0	1712.5	19975	18.28	18.5	0-1
				1732.5	20175	18.26	18.5	0-1
				1752.5	20375	18.25	18.5	0-1
			12	1712.5	19975	18.27	18.5	0-1
				1732.5	20175	18.38	18.5	0-1
				1752.5	20375	18.42	18.5	0-1
			24	1712.5	19975	18.25	18.5	0-1
				1732.5	20175	18.35	18.5	0-1
				1752.5	20375	18.32	18.5	0-1
		12 RB	0	1712.5	19975	17.04	17.5	0-2
				1732.5	20175	17.03	17.5	0-2
				1752.5	20375	17.08	17.5	0-2
			6	1712.5	19975	16.97	17.5	0-2
				1732.5	20175	17.08	17.5	0-2
				1752.5	20375	17.09	17.5	0-2
			13	1712.5	19975	16.98	17.5	0-2
				1732.5	20175	17.05	17.5	0-2
				1752.5	20375	17.08	17.5	0-2
			25RB	1712.5	19975	16.93	17.5	0-2
				1732.5	20175	17.05	17.5	0-2
				1752.5	20375	17.17	17.5	0-2

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 4 (Reduced Power)								
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	17.22	17.5	0-2
				1732.5	20175	17.18	17.5	0-2
				1752.5	20375	17.32	17.5	0-2
			12	1712.5	19975	17.28	17.5	0-2
				1732.5	20175	17.27	17.5	0-2
				1752.5	20375	17.33	17.5	0-2
			24	1712.5	19975	17.15	17.5	0-2
				1732.5	20175	17.18	17.5	0-2
				1752.5	20375	17.23	17.5	0-2
		12 RB	0	1712.5	19975	15.94	16.5	0-3
				1732.5	20175	16.08	16.5	0-3
				1752.5	20375	15.99	16.5	0-3
			6	1712.5	19975	15.81	16.5	0-3
				1732.5	20175	16.12	16.5	0-3
				1752.5	20375	16.03	16.5	0-3
			13	1712.5	19975	15.97	16.5	0-3
				1732.5	20175	16.08	16.5	0-3
				1752.5	20375	15.97	16.5	0-3
		25RB		1712.5	19975	16.16	16.5	0-3
				1732.5	20175	16.01	16.5	0-3
				1752.5	20375	15.92	16.5	0-3

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FDD Band 4 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	19965	19.29	19.5	0
				1732.5	20175	19.22	19.5	0
				1753.5	20385	19.26	19.5	0
			7	1711.5	19965	19.21	19.5	0
				1732.5	20175	19.21	19.5	0
				1753.5	20385	19.21	19.5	0
			14	1711.5	19965	19.21	19.5	0
				1732.5	20175	19.23	19.5	0
				1753.5	20385	19.24	19.5	0
		8 RB	0	1711.5	19965	18.33	18.5	0-1
				1732.5	20175	18.21	18.5	0-1
				1753.5	20385	18.23	18.5	0-1
			4	1711.5	19965	18.24	18.5	0-1
				1732.5	20175	18.25	18.5	0-1
				1753.5	20385	18.27	18.5	0-1
			7	1711.5	19965	18.21	18.5	0-1
				1732.5	20175	18.23	18.5	0-1
				1753.5	20385	18.27	18.5	0-1
		15RB		1711.5	19965	18.28	18.5	0-1
				1732.5	20175	18.31	18.5	0-1
				1753.5	20385	18.33	18.5	0-1
	16-QAM	1 RB	0	1711.5	19965	18.26	18.5	0-1
				1732.5	20175	18.22	18.5	0-1
				1753.5	20385	18.22	18.5	0-1
			7	1711.5	19965	18.24	18.5	0-1
				1732.5	20175	18.33	18.5	0-1
				1753.5	20385	18.35	18.5	0-1
			14	1711.5	19965	18.24	18.5	0-1
				1732.5	20175	18.28	18.5	0-1
				1753.5	20385	18.27	18.5	0-1
		8 RB	0	1711.5	19965	17.01	17.5	0-2
				1732.5	20175	16.99	17.5	0-2
				1753.5	20385	17.04	17.5	0-2
			4	1711.5	19965	16.93	17.5	0-2
				1732.5	20175	17.03	17.5	0-2
				1753.5	20385	17.05	17.5	0-2
			7	1711.5	19965	16.91	17.5	0-2
				1732.5	20175	17.05	17.5	0-2
				1753.5	20385	17.02	17.5	0-2
		15RB		1711.5	19965	16.88	17.5	0-2
				1732.5	20175	16.99	17.5	0-2
				1753.5	20385	17.03	17.5	0-2

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FDD Band 4 (Reduced Power)								
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	17.16	17.5	0-2
				1732.5	20175	17.11	17.5	0-2
				1753.5	20385	17.27	17.5	0-2
			7	1711.5	19965	17.22	17.5	0-2
				1732.5	20175	17.22	17.5	0-2
				1753.5	20385	17.29	17.5	0-2
			14	1711.5	19965	17.12	17.5	0-2
				1732.5	20175	17.11	17.5	0-2
				1753.5	20385	17.19	17.5	0-2
		8 RB	0	1711.5	19965	15.99	16.5	0-3
				1732.5	20175	16.05	16.5	0-3
				1753.5	20385	15.93	16.5	0-3
			4	1711.5	19965	15.75	16.5	0-3
				1732.5	20175	16.07	16.5	0-3
				1753.5	20385	15.99	16.5	0-3
			7	1711.5	19965	15.91	16.5	0-3
				1732.5	20175	16.03	16.5	0-3
				1753.5	20385	15.93	16.5	0-3
		15RB		1711.5	19965	16.11	16.5	0-3
				1732.5	20175	15.96	16.5	0-3
				1753.5	20385	15.88	16.5	0-3

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f (886-2) 2298-0488

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FDD Band 4 (Reduced Power)									
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	19.26	19.5	0	
				1732.5	20175	19.17	19.5	0	
				1754.3	20393	19.22	19.5	0	
			2	1710.7	19957	19.17	19.5	0	
				1732.5	20175	19.18	19.5	0	
				1754.3	20393	19.17	19.5	0	
			5	1710.7	19957	19.17	19.5	0	
				1732.5	20175	19.14	19.5	0	
				1754.3	20393	19.22	19.5	0	
		3 RB	0	1710.7	19957	18.28	18.5	0-1	
				1732.5	20175	18.15	18.5	0-1	
				1754.3	20393	18.16	18.5	0-1	
			2	1710.7	19957	18.21	18.5	0-1	
				1732.5	20175	18.21	18.5	0-1	
				1754.3	20393	18.25	18.5	0-1	
			3	1710.7	19957	18.15	18.5	0-1	
				1732.5	20175	18.19	18.5	0-1	
				1754.3	20393	18.21	18.5	0-1	
		6RB			1710.7	19957	18.25	18.5	0-1
					1732.5	20175	18.28	18.5	0-1
					1754.3	20393	18.27	18.5	0-1
	16-QAM	1 RB	0	1710.7	19957	18.23	18.5	0-1	
				1732.5	20175	18.15	18.5	0-1	
				1754.3	20393	18.16	18.5	0-1	
			2	1710.7	19957	18.19	18.5	0-1	
				1732.5	20175	18.30	18.5	0-1	
				1754.3	20393	18.29	18.5	0-1	
			5	1710.7	19957	18.17	18.5	0-1	
				1732.5	20175	18.23	18.5	0-1	
				1754.3	20393	18.21	18.5	0-1	
			3 RB	0	1710.7	19957	16.94	18.5	0-1
					1732.5	20175	16.96	18.5	0-1
					1754.3	20393	16.98	18.5	0-1
				2	1710.7	19957	16.89	18.5	0-1
					1732.5	20175	17.87	18.5	0-1
					1754.3	20393	16.99	18.5	0-1
		3	1710.7	19957	16.88	18.5	0-1		
			1732.5	20175	16.97	18.5	0-1		
			1754.3	20393	16.98	18.5	0-1		
		6RB			1710.7	19957	16.83	17.5	0-2
					1732.5	20175	16.93	17.5	0-2
					1754.3	20393	16.99	17.5	0-2

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FDD Band 4 (Reduced Power)								
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	17.12	17.5	0-2
				1732.5	20175	17.08	17.5	0-2
				1754.3	20393	17.22	17.5	0-2
			2	1710.7	19957	17.19	17.5	0-2
				1732.5	20175	17.17	17.5	0-2
				1754.3	20393	17.24	17.5	0-2
			5	1710.7	19957	17.09	17.5	0-2
				1732.5	20175	17.05	17.5	0-2
				1754.3	20393	17.16	17.5	0-2
		3 RB	0	1710.7	19957	15.84	17.5	0-2
				1732.5	20175	16.21	17.5	0-2
				1754.3	20393	15.87	17.5	0-2
			2	1710.7	19957	15.68	17.5	0-2
				1732.5	20175	16.03	17.5	0-2
				1754.3	20393	15.92	17.5	0-2
			3	1710.7	19957	15.85	17.5	0-2
				1732.5	20175	15.98	17.5	0-2
				1754.3	20393	15.89	17.5	0-2
		6RB		1710.7	19957	16.08	16.5	0-3
				1732.5	20175	15.89	16.5	0-3
				1754.3	20393	15.81	16.5	0-3

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FDD Band 5 (Full power)								
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	24.72	25	0
				836.5	20525	23.33	25	0
				844	20600	24.00	25	0
			25	829	20450	24.78	25	0
				836.5	20525	23.99	25	0
				844	20600	24.09	25	0
			49	829	20450	24.96	25	0
				836.5	20525	23.00	25	0
				844	20600	24.04	25	0
		25 RB	0	829	20450	23.83	24	0-1
				836.5	20525	22.96	24	0-1
				844	20600	23.06	24	0-1
			12	829	20450	24.00	24	0-1
				836.5	20525	22.05	24	0-1
				844	20600	23.00	24	0-1
			25	829	20450	23.94	24	0-1
				836.5	20525	22.98	24	0-1
				844	20600	22.96	24	0-1
		50RB		829	20450	23.02	24	0-1
				836.5	20525	22.04	24	0-1
				844	20600	22.97	24	0-1
	16-QAM	1 RB	0	829	20450	23.93	24	0-1
				836.5	20525	23.91	24	0-1
				844	20600	22.88	24	0-1
			25	829	20450	23.40	24	0-1
				836.5	20525	23.70	24	0-1
				844	20600	23.26	24	0-1
			49	829	20450	23.16	24	0-1
				836.5	20525	23.98	24	0-1
				844	20600	23.20	24	0-1
		25 RB	0	829	20450	22.96	23	0-2
				836.5	20525	22.87	23	0-2
				844	20600	21.97	23	0-2
			12	829	20450	22.03	23	0-2
				836.5	20525	22.90	23	0-2
				844	20600	21.95	23	0-2
			25	829	20450	22.99	23	0-2
				836.5	20525	22.89	23	0-2
				844	20600	21.94	23	0-2
		500RB		829	20450	22.10	23	0-2
				836.5	20525	22.91	23	0-2
				844	20600	21.95	23	0-2

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FDD Band 5 (Full power)								
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	22.90	23	0-2
				836.5	20525	22.79	23	0-2
				844	20600	21.73	23	0-2
			25	829	20450	22.34	23	0-2
				836.5	20525	22.67	23	0-2
				844	20600	22.16	23	0-2
			49	829	20450	22.11	23	0-2
				836.5	20525	22.97	23	0-2
				844	20600	22.11	23	0-2
		25 RB	0	829	20450	21.89	22	0-3
				836.5	20525	21.71	22	0-3
				844	20600	20.90	22	0-3
			12	829	20450	20.91	22	0-3
				836.5	20525	21.86	22	0-3
				844	20600	20.91	22	0-3
			25	829	20450	21.91	22	0-3
				836.5	20525	21.84	22	0-3
				844	20600	20.76	22	0-3
		500RB		829	20450	20.96	22	0-3
				836.5	20525	21.75	22	0-3
				844	20600	20.78	22	0-3

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FDD Band 5 (Full power)								
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	24.55	25	0
				836.5	20525	23.12	25	0
				846.5	20625	23.94	25	0
			12	826.5	20425	24.68	25	0
				836.5	20525	23.88	25	0
				846.5	20625	23.90	25	0
			24	826.5	20425	24.78	25	0
				836.5	20525	23.98	25	0
				846.5	20625	23.93	25	0
		12 RB	0	826.5	20425	23.77	24	0-1
				836.5	20525	22.87	24	0-1
				846.5	20625	23.04	24	0-1
			6	826.5	20425	23.83	24	0-1
				836.5	20525	22.02	24	0-1
				846.5	20625	22.85	24	0-1
			13	826.5	20425	23.81	24	0-1
				836.5	20525	22.85	24	0-1
				846.5	20625	22.88	24	0-1
		25RB		826.5	20425	22.83	24	0-1
				836.5	20525	22.93	24	0-1
				846.5	20625	22.79	24	0-1
	16-QAM	1 RB	0	826.5	20425	23.83	24	0-1
				836.5	20525	23.89	24	0-1
				846.5	20625	22.82	24	0-1
			12	826.5	20425	23.23	24	0-1
				836.5	20525	23.60	24	0-1
				846.5	20625	23.21	24	0-1
			24	826.5	20425	22.97	24	0-1
				836.5	20525	23.83	24	0-1
				846.5	20625	23.08	24	0-1
		12 RB	0	826.5	20425	22.88	23	0-2
				836.5	20525	22.81	23	0-2
				846.5	20625	21.90	23	0-2
			6	826.5	20425	21.83	23	0-2
				836.5	20525	22.82	23	0-2
				846.5	20625	21.76	23	0-2
			13	826.5	20425	22.84	23	0-2
				836.5	20525	22.83	23	0-2
				846.5	20625	21.84	23	0-2
		25RB		826.5	20425	22.04	23	0-2
				836.5	20525	22.88	23	0-2
				846.5	20625	21.85	23	0-2

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FDD Band 5 (Full power)								
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	22.72	23	0-2
				836.5	20525	22.64	23	0-2
				846.5	20625	21.56	23	0-2
			12	826.5	20425	22.13	23	0-2
				836.5	20525	22.59	23	0-2
				846.5	20625	22.13	23	0-2
			24	826.5	20425	21.98	23	0-2
				836.5	20525	22.86	23	0-2
				846.5	20625	22.08	23	0-2
		12 RB	0	826.5	20425	21.77	22	0-3
				836.5	20525	21.58	22	0-3
				846.5	20625	20.71	22	0-3
			6	826.5	20425	20.76	22	0-3
				836.5	20525	21.77	22	0-3
				846.5	20625	20.81	22	0-3
			13	826.5	20425	21.86	22	0-3
				836.5	20525	21.68	22	0-3
				846.5	20625	20.58	22	0-3
		25RB		826.5	20425	20.82	22	0-3
				836.5	20525	21.64	22	0-3
				846.5	20625	20.66	22	0-3

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 5 (Full power)								
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	24.45	25	0
				836.5	20525	23.06	25	0
				847.5	20635	23.77	25	0
			7	825.5	20415	24.57	25	0
				836.5	20525	23.79	25	0
				847.5	20635	23.84	25	0
			14	825.5	20415	24.64	25	0
				836.5	20525	23.91	25	0
				847.5	20635	23.82	25	0
		8 RB	0	825.5	20415	23.62	24	0-1
				836.5	20525	22.80	24	0-1
				847.5	20635	22.89	24	0-1
			4	825.5	20415	23.77	24	0-1
				836.5	20525	22.85	24	0-1
				847.5	20635	22.72	24	0-1
			7	825.5	20415	23.74	24	0-1
				836.5	20525	22.80	24	0-1
				847.5	20635	22.85	24	0-1
		15RB		825.5	20415	22.75	24	0-1
				836.5	20525	22.78	24	0-1
				847.5	20635	22.61	24	0-1
	16-QAM	1 RB	0	825.5	20415	23.73	24	0-1
				836.5	20525	23.69	24	0-1
				847.5	20635	22.63	24	0-1
			7	825.5	20415	23.02	24	0-1
				836.5	20525	23.54	24	0-1
				847.5	20635	23.09	24	0-1
			14	825.5	20415	22.90	24	0-1
				836.5	20525	23.73	24	0-1
				847.5	20635	22.88	24	0-1
		8 RB	0	825.5	20415	22.83	23	0-2
				836.5	20525	22.79	23	0-2
				847.5	20635	21.83	23	0-2
			4	825.5	20415	21.79	23	0-2
				836.5	20525	22.61	23	0-2
				847.5	20635	21.72	23	0-2
			7	825.5	20415	22.68	23	0-2
				836.5	20525	22.65	23	0-2
				847.5	20635	21.71	23	0-2
		15RB		825.5	20415	21.85	23	0-2
				836.5	20525	22.81	23	0-2
				847.5	20635	21.77	23	0-2

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FDD Band 5 (Full power)								
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	22.60	23	0-2
				836.5	20525	22.44	23	0-2
				847.5	20635	21.41	23	0-2
			7	825.5	20415	21.98	23	0-2
				836.5	20525	22.54	23	0-2
				847.5	20635	22.10	23	0-2
			14	825.5	20415	21.89	23	0-2
				836.5	20525	22.68	23	0-2
				847.5	20635	22.06	23	0-2
		8 RB	0	825.5	20415	21.65	22	0-3
				836.5	20525	21.53	22	0-3
				847.5	20635	20.59	22	0-3
			4	825.5	20415	20.61	22	0-3
				836.5	20525	21.68	22	0-3
				847.5	20635	20.62	22	0-3
			7	825.5	20415	21.80	22	0-3
				836.5	20525	21.47	22	0-3
				847.5	20635	20.47	22	0-3
		15RB		825.5	20415	20.78	22	0-3
				836.5	20525	21.60	22	0-3
				847.5	20635	20.61	22	0-3

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FDD Band 5 (Full power)								
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	24.64	25	0
				836.5	20525	23.87	25	0
				848.3	20643	24.13	25	0
			2	824.7	20407	24.86	25	0
				836.5	20525	23.29	25	0
				848.3	20643	24.34	25	0
			5	824.7	20407	24.73	25	0
				836.5	20525	23.09	25	0
				848.3	20643	24.20	25	0
		3 RB	0	824.7	20407	23.79	24	0-1
				836.5	20525	23.19	24	0-1
				848.3	20643	23.88	24	0-1
			2	824.7	20407	23.81	24	0-1
				836.5	20525	22.80	24	0-1
				848.3	20643	23.98	24	0-1
			3	824.7	20407	23.78	24	0-1
				836.5	20525	23.03	24	0-1
				848.3	20643	23.94	24	0-1
		6RB		824.7	20407	23.91	24	0-1
				836.5	20525	22.92	24	0-1
				848.3	20643	22.96	24	0-1
	16-QAM	1 RB	0	824.7	20407	23.17	24	0-1
				836.5	20525	23.65	24	0-1
				848.3	20643	22.81	24	0-1
			2	824.7	20407	23.39	24	0-1
				836.5	20525	23.79	24	0-1
				848.3	20643	22.90	24	0-1
			5	824.7	20407	23.67	24	0-1
				836.5	20525	23.77	24	0-1
				848.3	20643	22.86	24	0-1
		3 RB	0	824.7	20407	22.94	23	0-1
				836.5	20525	22.74	23	0-1
				848.3	20643	22.96	23	0-1
			2	824.7	20407	22.83	23	0-1
				836.5	20525	22.84	23	0-1
				848.3	20643	22.02	23	0-1
			3	824.7	20407	22.74	23	0-1
				836.5	20525	22.75	23	0-1
				848.3	20643	22.79	23	0-1
		6RB		824.7	20407	22.13	23	0-2
				836.5	20525	22.81	23	0-2
				848.3	20643	21.92	23	0-2

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FDD Band 5 (Full power)								
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	22.37	23	0-2
				836.5	20525	22.82	23	0-2
				848.3	20643	21.91	23	0-2
			2	824.7	20407	22.44	23	0-2
				836.5	20525	22.95	23	0-2
				848.3	20643	21.97	23	0-2
			5	824.7	20407	22.72	23	0-2
				836.5	20525	22.87	23	0-2
				848.3	20643	21.92	23	0-2
		3 RB	0	824.7	20407	22.04	23	0-2
				836.5	20525	21.82	23	0-2
				848.3	20643	22.09	23	0-2
			2	824.7	20407	21.85	23	0-2
				836.5	20525	21.89	23	0-2
				848.3	20643	21.08	23	0-2
			3	824.7	20407	21.91	23	0-2
				836.5	20525	21.84	23	0-2
				848.3	20643	21.80	23	0-2
		6RB		824.7	20407	21.26	22	0-3
				836.5	20525	21.96	22	0-3
				848.3	20643	21.08	22	0-3

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FDD Band 5 (Reduced Power)								
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	24.05	24.5	0
				836.5	20525	24.09	24.5	0
				844	20600	24.08	24.5	0
			25	829	20450	24.05	24.5	0
				836.5	20525	24.11	24.5	0
				844	20600	24.09	24.5	0
			49	829	20450	24.12	24.5	0
				836.5	20525	24.09	24.5	0
				844	20600	24.06	24.5	0
		25 RB	0	829	20450	23.16	23.5	0-1
				836.5	20525	23.19	23.5	0-1
				844	20600	23.24	23.5	0-1
			12	829	20450	23.28	23.5	0-1
				836.5	20525	23.14	23.5	0-1
				844	20600	23.23	23.5	0-1
			25	829	20450	23.21	23.5	0-1
				836.5	20525	23.25	23.5	0-1
				844	20600	23.19	23.5	0-1
		50RB		829	20450	23.24	23.5	0-1
				836.5	20525	23.14	23.5	0-1
				844	20600	23.23	23.5	0-1
	16-QAM	1 RB	0	829	20450	23.38	23.5	0-1
				836.5	20525	23.44	23.5	0-1
				844	20600	23.41	23.5	0-1
			25	829	20450	23.39	23.5	0-1
				836.5	20525	23.43	23.5	0-1
				844	20600	23.45	23.5	0-1
			49	829	20450	23.44	23.5	0-1
				836.5	20525	23.46	23.5	0-1
				844	20600	23.35	23.5	0-1
		25 RB	0	829	20450	22.22	22.5	0-2
				836.5	20525	22.25	22.5	0-2
				844	20600	22.32	22.5	0-2
			12	829	20450	22.35	22.5	0-2
				836.5	20525	22.27	22.5	0-2
				844	20600	22.34	22.5	0-2
			25	829	20450	22.3	22.5	0-2
				836.5	20525	22.24	22.5	0-2
				844	20600	22.28	22.5	0-2
		500RB		829	20450	22.34	22.5	0-2
				836.5	20525	22.27	22.5	0-2
				844	20600	22.33	22.5	0-2

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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 5 (Reduced Power)								
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	22.38	22.5	0-2
				836.5	20525	22.4	22.5	0-2
				844	20600	22.45	22.5	0-2
			25	829	20450	22.34	22.5	0-2
				836.5	20525	22.42	22.5	0-2
				844	20600	22.35	22.5	0-2
			49	829	20450	22.43	22.5	0-2
				836.5	20525	22.39	22.5	0-2
				844	20600	22.39	22.5	0-2
		25 RB	0	829	20450	21.26	21.5	0-3
				836.5	20525	21.28	21.5	0-3
				844	20600	21.33	21.5	0-3
			12	829	20450	21.35	21.5	0-3
				836.5	20525	21.31	21.5	0-3
				844	20600	21.36	21.5	0-3
			25	829	20450	21.33	21.5	0-3
				836.5	20525	21.27	21.5	0-3
				844	20600	21.28	21.5	0-3
		500RB		829	20450	21.37	21.5	0-3
				836.5	20525	21.27	21.5	0-3
				844	20600	21.32	21.5	0-3

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FDD Band 5 (Reduced Power)								
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	23.97	24.5	0
				836.5	20525	23.97	24.5	0
				846.5	20625	23.97	24.5	0
			12	826.5	20425	24.00	24.5	0
				836.5	20525	23.99	24.5	0
				846.5	20625	24.00	24.5	0
			24	826.5	20425	24.00	24.5	0
				836.5	20525	23.99	24.5	0
				846.5	20625	23.96	24.5	0
		12 RB	0	826.5	20425	23.12	23.5	0-1
				836.5	20525	23.12	23.5	0-1
				846.5	20625	23.15	23.5	0-1
			6	826.5	20425	23.17	23.5	0-1
				836.5	20525	23.11	23.5	0-1
				846.5	20625	23.20	23.5	0-1
			13	826.5	20425	23.12	23.5	0-1
				836.5	20525	23.20	23.5	0-1
				846.5	20625	23.09	23.5	0-1
			25RB	826.5	20425	23.12	23.5	0-1
				836.5	20525	23.03	23.5	0-1
				846.5	20625	23.18	23.5	0-1
	16-QAM	1 RB	0	826.5	20425	23.29	23.5	0-1
				836.5	20525	23.36	23.5	0-1
				846.5	20625	23.30	23.5	0-1
			12	826.5	20425	23.34	23.5	0-1
				836.5	20525	23.37	23.5	0-1
				846.5	20625	23.40	23.5	0-1
			24	826.5	20425	23.36	23.5	0-1
				836.5	20525	23.43	23.5	0-1
				846.5	20625	23.32	23.5	0-1
		12 RB	0	826.5	20425	22.10	22.5	0-2
				836.5	20525	22.14	22.5	0-2
				846.5	20625	22.20	22.5	0-2
			6	826.5	20425	22.30	22.5	0-2
				836.5	20525	22.22	22.5	0-2
				846.5	20625	22.24	22.5	0-2
			13	826.5	20425	22.26	22.5	0-2
				836.5	20525	22.14	22.5	0-2
				846.5	20625	22.18	22.5	0-2
			25RB	826.5	20425	22.25	22.5	0-2
				836.5	20525	22.23	22.5	0-2
				846.5	20625	22.26	22.5	0-2

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FDD Band 5 (Reduced Power)								
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	22.28	22.5	0-2
				836.5	20525	22.29	22.5	0-2
				846.5	20625	22.33	22.5	0-2
			12	826.5	20425	22.29	22.5	0-2
				836.5	20525	22.33	22.5	0-2
				846.5	20625	22.32	22.5	0-2
			24	826.5	20425	22.40	22.5	0-2
				836.5	20525	22.30	22.5	0-2
				846.5	20625	22.35	22.5	0-2
		12 RB	0	826.5	20425	21.19	21.5	0-3
				836.5	20525	21.16	21.5	0-3
				846.5	20625	21.28	21.5	0-3
			6	826.5	20425	21.30	21.5	0-3
				836.5	20525	21.23	21.5	0-3
				846.5	20625	21.27	21.5	0-3
			13	826.5	20425	21.25	21.5	0-3
				836.5	20525	21.18	21.5	0-3
				846.5	20625	21.17	21.5	0-3
		25RB		826.5	20425	21.29	21.5	0-3
				836.5	20525	21.19	21.5	0-3
				846.5	20625	21.29	21.5	0-3

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FDD Band 5 (Reduced Power)								
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	23.90	24.5	0
				836.5	20525	23.89	24.5	0
				847.5	20635	23.91	24.5	0
			7	825.5	20415	23.93	24.5	0
				836.5	20525	23.88	24.5	0
				847.5	20635	23.97	24.5	0
			14	825.5	20415	23.92	24.5	0
				836.5	20525	23.87	24.5	0
				847.5	20635	23.84	24.5	0
		8 RB	0	825.5	20415	23.05	23.5	0-1
				836.5	20525	23.02	23.5	0-1
				847.5	20635	23.05	23.5	0-1
			4	825.5	20415	23.07	23.5	0-1
				836.5	20525	23.04	23.5	0-1
				847.5	20635	23.13	23.5	0-1
			7	825.5	20415	23.03	23.5	0-1
				836.5	20525	23.17	23.5	0-1
				847.5	20635	22.98	23.5	0-1
		15RB		825.5	20415	23.03	23.5	0-1
				836.5	20525	22.98	23.5	0-1
				847.5	20635	23.06	23.5	0-1
	16-QAM	1 RB	0	825.5	20415	23.23	23.5	0-1
				836.5	20525	23.25	23.5	0-1
				847.5	20635	23.25	23.5	0-1
			7	825.5	20415	23.29	23.5	0-1
				836.5	20525	23.34	23.5	0-1
				847.5	20635	23.34	23.5	0-1
			14	825.5	20415	23.30	23.5	0-1
				836.5	20525	23.33	23.5	0-1
				847.5	20635	23.26	23.5	0-1
		8 RB	0	825.5	20415	22.00	22.5	0-2
				836.5	20525	22.05	22.5	0-2
				847.5	20635	22.08	22.5	0-2
			4	825.5	20415	22.20	22.5	0-2
				836.5	20525	22.15	22.5	0-2
				847.5	20635	22.15	22.5	0-2
			7	825.5	20415	22.19	22.5	0-2
				836.5	20525	22.04	22.5	0-2
				847.5	20635	22.11	22.5	0-2
		15RB		825.5	20415	22.20	22.5	0-2
				836.5	20525	22.16	22.5	0-2
				847.5	20635	22.15	22.5	0-2

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FDD Band 5 (Reduced Power)								
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	22.24	22.5	0-2
				836.5	20525	22.26	22.5	0-2
				847.5	20635	22.26	22.5	0-2
			7	825.5	20415	22.20	22.5	0-2
				836.5	20525	22.29	22.5	0-2
				847.5	20635	22.23	22.5	0-2
			14	825.5	20415	22.29	22.5	0-2
				836.5	20525	22.19	22.5	0-2
				847.5	20635	22.27	22.5	0-2
		8 RB	0	825.5	20415	21.15	21.5	0-3
				836.5	20525	21.06	21.5	0-3
				847.5	20635	21.16	21.5	0-3
			4	825.5	20415	21.24	21.5	0-3
				836.5	20525	21.17	21.5	0-3
				847.5	20635	21.22	21.5	0-3
			7	825.5	20415	21.16	21.5	0-3
				836.5	20525	21.07	21.5	0-3
				847.5	20635	21.05	21.5	0-3
		15RB		825.5	20415	21.23	21.5	0-3
				836.5	20525	21.08	21.5	0-3
				847.5	20635	21.25	21.5	0-3

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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 5 (Reduced Power)								
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	23.85	24.5	0
				836.5	20525	23.80	24.5	0
				848.3	20643	23.83	24.5	0
			2	824.7	20407	23.90	24.5	0
				836.5	20525	23.77	24.5	0
				848.3	20643	23.93	24.5	0
			5	824.7	20407	23.83	24.5	0
				836.5	20525	23.80	24.5	0
				848.3	20643	23.72	24.5	0
		3 RB	0	824.7	20407	22.97	23.5	0-1
				836.5	20525	22.93	23.5	0-1
				848.3	20643	22.98	23.5	0-1
			2	824.7	20407	23.02	23.5	0-1
				836.5	20525	22.98	23.5	0-1
				848.3	20643	23.02	23.5	0-1
			3	824.7	20407	22.92	23.5	0-1
				836.5	20525	23.05	23.5	0-1
				848.3	20643	22.93	23.5	0-1
		6RB		824.7	20407	22.91	23.5	0-1
				836.5	20525	22.88	23.5	0-1
				848.3	20643	22.96	23.5	0-1
	16-QAM	1 RB	0	824.7	20407	23.20	23.5	0-1
				836.5	20525	23.20	23.5	0-1
				848.3	20643	23.13	23.5	0-1
			2	824.7	20407	23.25	23.5	0-1
				836.5	20525	23.30	23.5	0-1
				848.3	20643	23.29	23.5	0-1
			5	824.7	20407	23.18	23.5	0-1
				836.5	20525	23.22	23.5	0-1
				848.3	20643	23.22	23.5	0-1
		3 RB	0	824.7	20407	21.96	22.5	0-1
				836.5	20525	22.00	22.5	0-1
				848.3	20643	22.00	22.5	0-1
			2	824.7	20407	22.13	22.5	0-1
				836.5	20525	22.10	22.5	0-1
				848.3	20643	22.06	22.5	0-1
			3	824.7	20407	22.14	22.5	0-1
				836.5	20525	21.99	22.5	0-1
				848.3	20643	22.03	22.5	0-1
		6RB		824.7	20407	22.12	22.5	0-2
				836.5	20525	22.07	22.5	0-2
				848.3	20643	22.06	22.5	0-2

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FDD Band 5 (Reduced Power)								
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	22.16	22.5	0-2
				836.5	20525	22.22	22.5	0-2
				848.3	20643	22.19	22.5	0-2
			2	824.7	20407	22.12	22.5	0-2
				836.5	20525	22.25	22.5	0-2
				848.3	20643	22.17	22.5	0-2
			5	824.7	20407	22.21	22.5	0-2
				836.5	20525	22.12	22.5	0-2
				848.3	20643	22.17	22.5	0-2
		3 RB	0	824.7	20407	21.08	22.5	0-2
				836.5	20525	20.97	22.5	0-2
				848.3	20643	21.11	22.5	0-2
			2	824.7	20407	21.19	22.5	0-2
				836.5	20525	21.09	22.5	0-2
				848.3	20643	21.12	22.5	0-2
			3	824.7	20407	21.06	22.5	0-2
				836.5	20525	21.00	22.5	0-2
				848.3	20643	20.96	22.5	0-2
		6RB		824.7	20407	21.17	21.5	0-3
				836.5	20525	20.99	21.5	0-3
				848.3	20643	21.20	21.5	0-3

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FDD Band 7 (Full power)								
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	24.54	25	0
				2535	21100	23.89	25	0
				2560	21350	23.70	25	0
			50	2510	20850	24.92	25	0
				2535	21100	23.91	25	0
				2560	21350	23.94	25	0
			99	2510	20850	24.82	25	0
				2535	21100	23.87	25	0
				2560	21350	24.06	25	0
		50 RB	0	2510	20850	23.02	24	0-1
				2535	21100	22.11	24	0-1
				2560	21350	22.97	24	0-1
			25	2510	20850	23.15	24	0-1
				2535	21100	22.27	24	0-1
				2560	21350	23.09	24	0-1
			50	2510	20850	23.17	24	0-1
				2535	21100	22.18	24	0-1
				2560	21350	23.10	24	0-1
		100RB		2510	20850	23.14	24	0-1
				2535	21100	22.08	24	0-1
				2560	21350	22.97	24	0-1
	16-QAM	1 RB	0	2510	20850	23.73	24	0-1
				2535	21100	23.42	24	0-1
				2560	21350	22.64	24	0-1
			50	2510	20850	23.87	24	0-1
				2535	21100	23.03	24	0-1
				2560	21350	23.20	24	0-1
			99	2510	20850	23.12	24	0-1
				2535	21100	23.17	24	0-1
				2560	21350	23.23	24	0-1
		50 RB	0	2510	20850	22.20	23	0-2
				2535	21100	22.98	23	0-2
				2560	21350	22.00	23	0-2
			25	2510	20850	22.29	23	0-2
				2535	21100	22.97	23	0-2
				2560	21350	22.06	23	0-2
			50	2510	20850	22.13	23	0-2
				2535	21100	22.19	23	0-2
				2560	21350	22.07	23	0-2
		100RB		2510	20850	22.13	23	0-2
				2535	21100	22.02	23	0-2
				2560	21350	22.07	23	0-2

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FDD Band 7 (Full power)								
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	22.86	23	0-2
				2535	21100	22.52	23	0-2
				2560	21350	21.82	23	0-2
			50	2510	20850	22.07	23	0-2
				2535	21100	22.12	23	0-2
				2560	21350	22.21	23	0-2
			99	2510	20850	22.14	23	0-2
				2535	21100	22.30	23	0-2
				2560	21350	22.39	23	0-2
		50 RB	0	2510	20850	21.26	22	0-3
				2535	21100	21.99	22	0-3
				2560	21350	21.05	22	0-3
			25	2510	20850	21.47	22	0-3
				2535	21100	22.00	22	0-3
				2560	21350	21.21	22	0-3
			50	2510	20850	21.31	22	0-3
				2535	21100	21.35	22	0-3
				2560	21350	21.09	22	0-3
		100RB		2510	20850	21.30	22	0-3
				2535	21100	21.22	22	0-3
				2560	21350	21.17	22	0-3

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FDD Band 7 (Full power)								
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	24.49	25	0
				2535	21100	23.75	25	0
				2562.5	21375	23.60	25	0
			36	2507.5	20825	24.82	25	0
				2535	21100	23.82	25	0
				2562.5	21375	23.75	25	0
			74	2507.5	20825	24.80	25	0
				2535	21100	23.71	25	0
				2562.5	21375	24.04	25	0
		36 RB	0	2507.5	20825	22.92	24	0-1
				2535	21100	22.06	24	0-1
				2562.5	21375	22.84	24	0-1
			18	2507.5	20825	22.97	24	0-1
				2535	21100	22.13	24	0-1
				2562.5	21375	22.95	24	0-1
			37	2507.5	20825	23.08	24	0-1
				2535	21100	22.14	24	0-1
				2562.5	21375	22.89	24	0-1
		75RB		2507.5	20825	23.01	24	0-1
				2535	21100	22.94	24	0-1
				2562.5	21375	22.86	24	0-1
	16-QAM	1 RB	0	2507.5	20825	23.60	24	0-1
				2535	21100	23.35	24	0-1
				2562.5	21375	22.56	24	0-1
			36	2507.5	20825	23.66	24	0-1
				2535	21100	22.96	24	0-1
				2562.5	21375	23.11	24	0-1
			74	2507.5	20825	23.04	24	0-1
				2535	21100	23.08	24	0-1
				2562.5	21375	23.13	24	0-1
		36 RB	0	2507.5	20825	21.99	23	0-2
				2535	21100	22.83	23	0-2
				2562.5	21375	21.87	23	0-2
			18	2507.5	20825	22.24	23	0-2
				2535	21100	22.86	23	0-2
				2562.5	21375	21.89	23	0-2
			37	2507.5	20825	22.07	23	0-2
				2535	21100	22.13	23	0-2
				2562.5	21375	22.01	23	0-2
		75RB		2507.5	20825	21.99	23	0-2
				2535	21100	21.90	23	0-2
				2562.5	21375	21.96	23	0-2

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 7 (Full power)								
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	22.79	23	0-2
				2535	21100	22.47	23	0-2
				2562.5	21375	21.73	23	0-2
			36	2507.5	20825	21.96	23	0-2
				2535	21100	21.99	23	0-2
				2562.5	21375	22.04	23	0-2
			74	2507.5	20825	22.00	23	0-2
				2535	21100	22.17	23	0-2
				2562.5	21375	22.24	23	0-2
		36 RB	0	2507.5	20825	21.24	22	0-3
				2535	21100	21.94	22	0-3
				2562.5	21375	20.93	22	0-3
			18	2507.5	20825	21.43	22	0-3
				2535	21100	21.79	22	0-3
				2562.5	21375	21.00	22	0-3
			37	2507.5	20825	21.22	22	0-3
				2535	21100	21.26	22	0-3
				2562.5	21375	20.88	22	0-3
		75RB		2507.5	20825	21.11	22	0-3
				2535	21100	21.18	22	0-3
				2562.5	21375	21.13	22	0-3

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FDD Band 7 (Full power)								
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	24.38	25	0
				2535	21100	23.56	25	0
				2565	21400	23.45	25	0
			25	2505	20800	24.67	25	0
				2535	21100	23.67	25	0
				2565	21400	23.59	25	0
			49	2505	20800	24.75	25	0
				2535	21100	23.66	25	0
				2565	21400	23.98	25	0
		25 RB	0	2505	20800	22.75	24	0-1
				2535	21100	22.95	24	0-1
				2565	21400	22.78	24	0-1
			12	2505	20800	22.91	24	0-1
				2535	21100	22.92	24	0-1
				2565	21400	22.84	24	0-1
			25	2505	20800	22.98	24	0-1
				2535	21100	22.10	24	0-1
				2565	21400	22.83	24	0-1
		50RB		2505	20800	22.93	24	0-1
				2535	21100	22.89	24	0-1
				2565	21400	22.65	24	0-1
	16-QAM	1 RB	0	2505	20800	23.54	24	0-1
				2535	21100	23.15	24	0-1
				2565	21400	22.43	24	0-1
			25	2505	20800	23.53	24	0-1
				2535	21100	22.79	24	0-1
				2565	21400	22.95	24	0-1
			49	2505	20800	22.88	24	0-1
				2535	21100	23.01	24	0-1
				2565	21400	22.94	24	0-1
		25 RB	0	2505	20800	21.79	23	0-2
				2535	21100	22.79	23	0-2
				2565	21400	21.70	23	0-2
			12	2505	20800	22.22	23	0-2
				2535	21100	22.78	23	0-2
				2565	21400	21.77	23	0-2
			25	2505	20800	21.90	23	0-2
				2535	21100	22.06	23	0-2
				2565	21400	21.88	23	0-2
		50RB		2505	20800	21.85	23	0-2
				2535	21100	21.72	23	0-2
				2565	21400	21.86	23	0-2

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FDD Band 7 (Full power)								
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	22.70	23	0-2
				2535	21100	22.42	23	0-2
				2565	21400	21.62	23	0-2
			25	2505	20800	21.84	23	0-2
				2535	21100	21.85	23	0-2
				2565	21400	21.95	23	0-2
			49	2505	20800	21.97	23	0-2
				2535	21100	22.13	23	0-2
				2565	21400	22.22	23	0-2
		25 RB	0	2505	20800	21.05	22	0-3
				2535	21100	21.78	22	0-3
				2565	21400	20.74	22	0-3
			12	2505	20800	21.41	22	0-3
				2535	21100	21.59	22	0-3
				2565	21400	20.97	22	0-3
			25	2505	20800	21.11	22	0-3
				2535	21100	21.08	22	0-3
				2565	21400	20.80	22	0-3
		50RB		2505	20800	21.08	22	0-3
				2535	21100	21.13	22	0-3
				2565	21400	20.92	22	0-3

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SGS Taiwan Ltd.

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 7 (Full power)								
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	24.66	25	0
				2535	21100	23.11	25	0
				2567.5	21425	24.10	25	0
			12	2502.5	20775	24.87	25	0
				2535	21100	23.16	25	0
				2567.5	21425	24.15	25	0
			24	2502.5	20775	24.88	25	0
				2535	21100	23.19	25	0
				2567.5	21425	24.17	25	0
		12 RB	0	2502.5	20775	23.93	24	0-1
				2535	21100	22.16	24	0-1
				2567.5	21425	22.98	24	0-1
			6	2502.5	20775	23.71	24	0-1
				2535	21100	22.19	24	0-1
				2567.5	21425	23.01	24	0-1
			13	2502.5	20775	23.77	24	0-1
				2535	21100	22.20	24	0-1
				2567.5	21425	23.00	24	0-1
		25RB		2502.5	20775	23.82	24	0-1
				2535	21100	22.14	24	0-1
				2567.5	21425	23.03	24	0-1
	16-QAM	1 RB	0	2502.5	20775	23.11	24	0-1
				2535	21100	23.96	24	0-1
				2567.5	21425	23.02	24	0-1
			12	2502.5	20775	23.22	24	0-1
				2535	21100	23.97	24	0-1
				2567.5	21425	23.12	24	0-1
			24	2502.5	20775	23.26	24	0-1
				2535	21100	23.84	24	0-1
				2567.5	21425	23.10	24	0-1
		12 RB	0	2502.5	20775	22.07	23	0-2
				2535	21100	22.48	23	0-2
				2567.5	21425	22.06	23	0-2
			6	2502.5	20775	22.10	23	0-2
				2535	21100	22.03	23	0-2
				2567.5	21425	22.11	23	0-2
			13	2502.5	20775	22.11	23	0-2
				2535	21100	22.92	23	0-2
				2567.5	21425	22.09	23	0-2
		25RB		2502.5	20775	22.10	23	0-2
				2535	21100	22.91	23	0-2
				2567.5	21425	22.02	23	0-2

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FDD Band 7 (Full power)								
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	22.03	23	0-2
				2535	21100	22.86	23	0-2
				2567.5	21425	21.94	23	0-2
			12	2502.5	20775	22.07	23	0-2
				2535	21100	22.95	23	0-2
				2567.5	21425	22.08	23	0-2
			24	2502.5	20775	22.14	23	0-2
				2535	21100	22.65	23	0-2
				2567.5	21425	21.98	23	0-2
		12 RB	0	2502.5	20775	20.96	22	0-3
				2535	21100	21.48	22	0-3
				2567.5	21425	21.05	22	0-3
			6	2502.5	20775	21.00	22	0-3
				2535	21100	20.96	22	0-3
				2567.5	21425	20.93	22	0-3
			13	2502.5	20775	21.07	22	0-3
				2535	21100	21.81	22	0-3
				2567.5	21425	21.01	22	0-3
		25RB		2502.5	20775	21.08	22	0-3
				2535	21100	21.86	22	0-3
				2567.5	21425	21.09	22	0-3

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 7 (Reduced Power)								
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	18.49	19	0
				2535	21100	18.32	19	0
				2560	21350	18.56	19	0
			50	2510	20850	18.85	19	0
				2535	21100	18.79	19	0
				2560	21350	18.76	19	0
			99	2510	20850	18.75	19	0
				2535	21100	18.69	19	0
				2560	21350	18.78	19	0
		50 RB	0	2510	20850	17.68	18	0-1
				2535	21100	17.58	18	0-1
				2560	21350	17.67	18	0-1
			25	2510	20850	17.74	18	0-1
				2535	21100	17.69	18	0-1
				2560	21350	17.75	18	0-1
			50	2510	20850	17.92	18	0-1
				2535	21100	17.66	18	0-1
				2560	21350	17.77	18	0-1
		100RB		2510	20850	17.79	18	0-1
				2535	21100	17.63	18	0-1
				2560	21350	17.73	18	0-1
	16-QAM	1 RB	0	2510	20850	17.92	18	0-1
				2535	21100	17.68	18	0-1
				2560	21350	17.99	18	0-1
			50	2510	20850	17.91	18	0-1
				2535	21100	17.91	18	0-1
				2560	21350	17.92	18	0-1
			99	2510	20850	17.94	18	0-1
				2535	21100	17.85	18	0-1
				2560	21350	17.83	18	0-1
		50 RB	0	2510	20850	16.82	17	0-2
				2535	21100	16.64	17	0-2
				2560	21350	16.81	17	0-2
			25	2510	20850	16.87	17	0-2
				2535	21100	16.74	17	0-2
				2560	21350	16.86	17	0-2
			50	2510	20850	16.89	17	0-2
				2535	21100	16.73	17	0-2
				2560	21350	16.83	17	0-2
		100RB		2510	20850	16.82	17	0-2
				2535	21100	16.69	17	0-2
				2560	21350	16.86	17	0-2

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FDD Band 7 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2510	20850	16.72	17	0-2
				2535	21100	16.61	17	0-2
				2560	21350	16.95	17	0-2
			50	2510	20850	16.91	17	0-2
				2535	21100	16.86	17	0-2
				2560	21350	16.84	17	0-2
			99	2510	20850	16.97	17	0-2
				2535	21100	16.95	17	0-2
				2560	21350	16.87	17	0-2
		50 RB	0	2510	20850	15.12	16	0-3
				2535	21100	15.72	16	0-3
				2560	21350	14.65	16	0-3
			25	2510	20850	15.52	16	0-3
				2535	21100	15.74	16	0-3
				2560	21350	15.88	16	0-3
			50	2510	20850	15.09	16	0-3
				2535	21100	15.78	16	0-3
				2560	21350	15.88	16	0-3
		100RB		2510	20850	15.12	16	0-3
				2535	21100	15.71	16	0-3
				2560	21350	15.86	16	0-3

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f (886-2) 2298-0488

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FDD Band 7 (Reduced Power)								
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	18.37	19	0
				2535	21100	18.29	19	0
				2562.5	21375	18.51	19	0
			36	2507.5	20825	18.74	19	0
				2535	21100	18.75	19	0
				2562.5	21375	18.68	19	0
			74	2507.5	20825	18.68	19	0
				2535	21100	18.62	19	0
				2562.5	21375	18.75	19	0
		36 RB	0	2507.5	20825	17.59	18	0-1
				2535	21100	17.54	18	0-1
				2562.5	21375	17.57	18	0-1
			18	2507.5	20825	17.66	18	0-1
				2535	21100	17.64	18	0-1
				2562.5	21375	17.65	18	0-1
			37	2507.5	20825	17.86	18	0-1
				2535	21100	17.61	18	0-1
				2562.5	21375	17.71	18	0-1
			75RB	2507.5	20825	17.71	18	0-1
				2535	21100	17.54	18	0-1
				2562.5	21375	17.69	18	0-1
	16-QAM	1 RB	0	2507.5	20825	17.87	18	0-1
				2535	21100	17.63	18	0-1
				2562.5	21375	17.96	18	0-1
			36	2507.5	20825	17.83	18	0-1
				2535	21100	17.79	18	0-1
				2562.5	21375	17.81	18	0-1
			74	2507.5	20825	17.84	18	0-1
				2535	21100	17.76	18	0-1
				2562.5	21375	17.78	18	0-1
		36 RB	0	2507.5	20825	16.76	17	0-2
				2535	21100	16.55	17	0-2
				2562.5	21375	16.69	17	0-2
			18	2507.5	20825	16.78	17	0-2
				2535	21100	16.72	17	0-2
				2562.5	21375	16.76	17	0-2
			37	2507.5	20825	16.79	17	0-2
				2535	21100	16.65	17	0-2
				2562.5	21375	16.78	17	0-2
			75RB	2507.5	20825	16.76	17	0-2
				2535	21100	16.61	17	0-2
				2562.5	21375	16.79	17	0-2

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FDD Band 7 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2507.5	20825	16.62	17	0-2
				2535	21100	16.54	17	0-2
				2562.5	21375	16.92	17	0-2
			36	2507.5	20825	16.88	17	0-2
				2535	21100	16.76	17	0-2
				2562.5	21375	16.79	17	0-2
			74	2507.5	20825	16.94	17	0-2
				2535	21100	16.92	17	0-2
				2562.5	21375	16.83	17	0-2
		36 RB	0	2507.5	20825	15.05	16	0-3
				2535	21100	15.62	16	0-3
				2562.5	21375	15.52	16	0-3
			18	2507.5	20825	15.45	16	0-3
				2535	21100	15.69	16	0-3
				2562.5	21375	15.79	16	0-3
			37	2507.5	20825	15.02	16	0-3
				2535	21100	15.75	16	0-3
				2562.5	21375	15.82	16	0-3
		75RB		2507.5	20825	15.06	16	0-3
				2535	21100	15.66	16	0-3
				2562.5	21375	15.81	16	0-3

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FDD Band 7 (Reduced Power)								
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	18.32	19	0
				2535	21100	18.18	19	0
				2565	21400	18.39	19	0
			25	2505	20800	18.66	19	0
				2535	21100	18.72	19	0
				2565	21400	18.57	19	0
			49	2505	20800	18.66	19	0
				2535	21100	18.51	19	0
				2565	21400	18.69	19	0
		25 RB	0	2505	20800	17.55	18	0-1
				2535	21100	17.46	18	0-1
				2565	21400	17.46	18	0-1
			12	2505	20800	17.63	18	0-1
				2535	21100	17.57	18	0-1
				2565	21400	17.53	18	0-1
			25	2505	20800	17.81	18	0-1
				2535	21100	17.51	18	0-1
				2565	21400	17.65	18	0-1
		50RB		2505	20800	17.64	18	0-1
				2535	21100	17.56	18	0-1
				2565	21400	17.58	18	0-1
	16-QAM	1 RB	0	2505	20800	17.88	18	0-1
				2535	21100	17.57	18	0-1
				2565	21400	17.84	18	0-1
			25	2505	20800	17.73	18	0-1
				2535	21100	17.74	18	0-1
				2565	21400	17.77	18	0-1
			49	2505	20800	17.77	18	0-1
				2535	21100	17.72	18	0-1
				2565	21400	17.69	18	0-1
		25 RB	0	2505	20800	16.71	17	0-2
				2535	21100	16.52	17	0-2
				2565	21400	16.58	17	0-2
			12	2505	20800	16.67	17	0-2
				2535	21100	16.58	17	0-2
				2565	21400	16.71	17	0-2
			25	2505	20800	16.74	17	0-2
				2535	21100	16.61	17	0-2
				2565	21400	16.68	17	0-2
		50RB		2505	20800	16.66	17	0-2
				2535	21100	16.58	17	0-2
				2565	21400	16.71	17	0-2

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FDD Band 7 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2505	20800	16.57	17	0-2
				2535	21100	16.43	17	0-2
				2565	21400	16.88	17	0-2
			25	2505	20800	16.83	17	0-2
				2535	21100	16.71	17	0-2
				2565	21400	16.68	17	0-2
			49	2505	20800	16.83	17	0-2
				2535	21100	16.82	17	0-2
				2565	21400	16.72	17	0-2
		25 RB	0	2505	20800	14.96	16	0-3
				2535	21100	15.51	16	0-3
				2565	21400	14.54	16	0-3
			12	2505	20800	15.33	16	0-3
				2535	21100	15.57	16	0-3
				2565	21400	15.67	16	0-3
			25	2505	20800	14.94	16	0-3
				2535	21100	15.66	16	0-3
				2565	21400	15.73	16	0-3
		50RB		2505	20800	15.01	16	0-3
				2535	21100	15.63	16	0-3
				2565	21400	15.74	16	0-3

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FDD Band 7 (Reduced Power)								
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	18.53	19	0
				2535	21100	18.55	19	0
				2567.5	21425	18.59	19	0
			12	2502.5	20775	18.63	19	0
				2535	21100	18.43	19	0
				2567.5	21425	18.62	19	0
			24	2502.5	20775	18.51	19	0
				2535	21100	18.42	19	0
				2567.5	21425	18.66	19	0
		12 RB	0	2502.5	20775	17.55	18	0-1
				2535	21100	17.46	18	0-1
				2567.5	21425	17.67	18	0-1
			6	2502.5	20775	17.66	18	0-1
				2535	21100	17.57	18	0-1
				2567.5	21425	17.79	18	0-1
			13	2502.5	20775	17.63	18	0-1
				2535	21100	17.53	18	0-1
				2567.5	21425	17.79	18	0-1
		25RB		2502.5	20775	17.67	18	0-1
				2535	21100	17.45	18	0-1
				2567.5	21425	17.72	18	0-1
	16-QAM	1 RB	0	2502.5	20775	17.92	18	0-1
				2535	21100	17.80	18	0-1
				2567.5	21425	17.96	18	0-1
			12	2502.5	20775	17.96	18	0-1
				2535	21100	17.79	18	0-1
				2567.5	21425	17.98	18	0-1
			24	2502.5	20775	17.95	18	0-1
				2535	21100	17.86	18	0-1
				2567.5	21425	17.96	18	0-1
		12 RB	0	2502.5	20775	16.73	17	0-2
				2535	21100	16.59	17	0-2
				2567.5	21425	16.78	17	0-2
			6	2502.5	20775	16.83	17	0-2
				2535	21100	16.65	17	0-2
				2567.5	21425	16.67	17	0-2
			13	2502.5	20775	16.72	17	0-2
				2535	21100	16.72	17	0-2
				2567.5	21425	16.86	17	0-2
		25RB		2502.5	20775	16.69	17	0-2
				2535	21100	16.61	17	0-2
				2567.5	21425	16.77	17	0-2

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 7 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2502.5	20775	16.82	17	0-2
				2535	21100	16.78	17	0-2
				2567.5	21425	16.91	17	0-2
			12	2502.5	20775	16.88	17	0-2
				2535	21100	16.73	17	0-2
				2567.5	21425	16.99	17	0-2
			24	2502.5	20775	16.92	17	0-2
				2535	21100	16.76	17	0-2
				2567.5	21425	16.91	17	0-2
		12 RB	0	2502.5	20775	14.64	16	0-3
				2535	21100	14.47	16	0-3
				2567.5	21425	15.90	16	0-3
			6	2502.5	20775	14.76	16	0-3
				2535	21100	14.41	16	0-3
				2567.5	21425	15.93	16	0-3
			13	2502.5	20775	15.06	16	0-3
				2535	21100	14.65	16	0-3
				2567.5	21425	15.92	16	0-3
		25RB		2502.5	20775	14.84	16	0-3
				2535	21100	14.54	16	0-3
				2567.5	21425	15.79	16	0-3

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FDD Band 12 (Full power)								
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	24.48	25	0
				707.5	23095	23.06	25	0
				711	23130	23.63	25	0
			25	704	23060	24.99	25	0
				707.5	23095	23.99	25	0
				711	23130	24.30	25	0
			49	704	23060	24.91	25	0
				707.5	23095	23.30	25	0
				711	23130	24.35	25	0
		25 RB	0	704	23060	23.73	24	0-1
				707.5	23095	22.09	24	0-1
				711	23130	23.18	24	0-1
			12	704	23060	23.98	24	0-1
				707.5	23095	22.28	24	0-1
				711	23130	23.11	24	0-1
			25	704	23060	23.64	24	0-1
				707.5	23095	22.18	24	0-1
				711	23130	23.10	24	0-1
		50RB		704	23060	23.98	24	0-1
				707.5	23095	22.21	24	0-1
				711	23130	23.01	24	0-1
	16-QAM	1 RB	0	704	23060	23.81	24	0-1
				707.5	23095	23.85	24	0-1
				711	23130	23.10	24	0-1
			25	704	23060	23.02	24	0-1
				707.5	23095	23.86	24	0-1
				711	23130	23.11	24	0-1
			49	704	23060	23.07	24	0-1
				707.5	23095	23.96	24	0-1
				711	23130	23.01	24	0-1
		25 RB	0	704	23060	22.01	23	0-2
				707.5	23095	22.97	23	0-2
				711	23130	22.21	23	0-2
			12	704	23060	22.08	23	0-2
				707.5	23095	22.15	23	0-2
				711	23130	22.13	23	0-2
			25	704	23060	22.16	23	0-2
				707.5	23095	22.06	23	0-2
				711	23130	22.02	23	0-2
		50RB		704	23060	22.06	23	0-2
				707.5	23095	22.06	23	0-2
				711	23130	22.14	23	0-2

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FDD Band 12 (Full power)								
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	22.74	23	0-2
				707.5	23095	22.68	23	0-2
				711	23130	21.97	23	0-2
			25	704	23060	21.95	23	0-2
				707.5	23095	22.76	23	0-2
				711	23130	22.10	23	0-2
			49	704	23060	21.92	23	0-2
				707.5	23095	22.93	23	0-2
				711	23130	21.93	23	0-2
		25 RB	0	704	23060	20.95	22	0-3
				707.5	23095	21.86	22	0-3
				711	23130	21.04	22	0-3
			12	704	23060	20.94	22	0-3
				707.5	23095	21.13	22	0-3
				711	23130	21.13	22	0-3
			25	704	23060	20.98	22	0-3
				707.5	23095	20.93	22	0-3
				711	23130	20.85	22	0-3
		50RB		704	23060	20.96	22	0-3
				707.5	23095	20.91	22	0-3
				711	23130	21.11	22	0-3

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FDD Band 12 (Full power)								
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	24.32	25	0
				707.5	23095	23.01	25	0
				713.5	23155	23.48	25	0
			12	701.5	23035	24.80	25	0
				707.5	23095	23.86	25	0
				713.5	23155	24.26	25	0
			24	701.5	23035	24.73	25	0
				707.5	23095	23.16	25	0
				713.5	23155	24.24	25	0
		12 RB	0	701.5	23035	23.66	24	0-1
				707.5	23095	22.07	24	0-1
				713.5	23155	23.15	24	0-1
			6	701.5	23035	23.90	24	0-1
				707.5	23095	22.13	24	0-1
				713.5	23155	23.06	24	0-1
			13	701.5	23035	23.52	24	0-1
				707.5	23095	22.00	24	0-1
				713.5	23155	22.97	24	0-1
		25RB		701.5	23035	23.82	24	0-1
				707.5	23095	22.13	24	0-1
				713.5	23155	22.89	24	0-1
	16-QAM	1 RB	0	701.5	23035	23.76	24	0-1
				707.5	23095	23.66	24	0-1
				713.5	23155	22.93	24	0-1
			12	701.5	23035	22.92	24	0-1
				707.5	23095	23.69	24	0-1
				713.5	23155	22.90	24	0-1
			24	701.5	23035	22.96	24	0-1
				707.5	23095	23.90	24	0-1
				713.5	23155	22.98	24	0-1
		12 RB	0	701.5	23035	21.95	23	0-2
				707.5	23095	22.86	23	0-2
				713.5	23155	22.14	23	0-2
			6	701.5	23035	21.91	23	0-2
				707.5	23095	22.04	23	0-2
				713.5	23155	22.00	23	0-2
			13	701.5	23035	21.99	23	0-2
				707.5	23095	21.86	23	0-2
				713.5	23155	21.90	23	0-2
		25RB		701.5	23035	21.88	23	0-2
				707.5	23095	21.93	23	0-2
				713.5	23155	21.93	23	0-2

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FDD Band 12 (Full power)								
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	22.55	23	0-2
				707.5	23095	22.62	23	0-2
				713.5	23155	21.79	23	0-2
			12	701.5	23035	21.88	23	0-2
				707.5	23095	22.62	23	0-2
				713.5	23155	22.06	23	0-2
			24	701.5	23035	21.84	23	0-2
				707.5	23095	22.87	23	0-2
				713.5	23155	21.87	23	0-2
		12 RB	0	701.5	23035	20.79	22	0-3
				707.5	23095	21.65	22	0-3
				713.5	23155	20.99	22	0-3
			6	701.5	23035	20.80	22	0-3
				707.5	23095	20.94	22	0-3
				713.5	23155	20.95	22	0-3
			13	701.5	23035	20.88	22	0-3
				707.5	23095	20.80	22	0-3
				713.5	23155	20.83	22	0-3
		25RB		701.5	23035	20.89	22	0-3
				707.5	23095	20.76	22	0-3
				713.5	23155	21.06	22	0-3

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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 12 (Full power)								
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	24.22	25	0
				707.5	23095	23.93	25	0
				714.5	23165	23.46	25	0
			7	700.5	23025	24.76	25	0
				707.5	23095	23.66	25	0
				714.5	23165	24.05	25	0
			14	700.5	23025	24.57	25	0
				707.5	23095	23.97	25	0
				714.5	23165	24.05	25	0
		8 RB	0	700.5	23025	23.52	24	0-1
				707.5	23095	22.93	24	0-1
				714.5	23165	23.03	24	0-1
			4	700.5	23025	23.74	24	0-1
				707.5	23095	22.10	24	0-1
				714.5	23165	22.94	24	0-1
			7	700.5	23025	23.38	24	0-1
				707.5	23095	22.91	24	0-1
				714.5	23165	22.89	24	0-1
		15RB		700.5	23025	23.65	24	0-1
				707.5	23095	22.98	24	0-1
				714.5	23165	22.79	24	0-1
	16-QAM	1 RB	0	700.5	23025	23.68	24	0-1
				707.5	23095	23.62	24	0-1
				714.5	23165	22.73	24	0-1
			7	700.5	23025	22.76	24	0-1
				707.5	23095	23.65	24	0-1
				714.5	23165	22.76	24	0-1
			14	700.5	23025	22.91	24	0-1
				707.5	23095	23.73	24	0-1
				714.5	23165	22.96	24	0-1
		8 RB	0	700.5	23025	21.81	23	0-2
				707.5	23095	22.68	23	0-2
				714.5	23165	22.07	23	0-2
			4	700.5	23025	21.79	23	0-2
				707.5	23095	22.00	23	0-2
				714.5	23165	21.87	23	0-2
			7	700.5	23025	21.87	23	0-2
				707.5	23095	21.84	23	0-2
				714.5	23165	21.81	23	0-2
		15RB		700.5	23025	21.80	23	0-2
				707.5	23095	21.73	23	0-2
				714.5	23165	21.78	23	0-2

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FDD Band 12 (Full power)								
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	22.40	23	0-2
				707.5	23095	22.43	23	0-2
				714.5	23165	21.60	23	0-2
			7	700.5	23025	21.76	23	0-2
				707.5	23095	22.60	23	0-2
				714.5	23165	21.96	23	0-2
			14	700.5	23025	21.75	23	0-2
				707.5	23095	22.66	23	0-2
				714.5	23165	21.66	23	0-2
		8 RB	0	700.5	23025	20.58	22	0-3
				707.5	23095	21.60	22	0-3
				714.5	23165	20.85	22	0-3
			4	700.5	23025	20.72	22	0-3
				707.5	23095	20.75	22	0-3
				714.5	23165	20.89	22	0-3
			7	700.5	23025	20.74	22	0-3
				707.5	23095	20.69	22	0-3
				714.5	23165	20.81	22	0-3
		15RB		700.5	23025	20.68	22	0-3
				707.5	23095	20.65	22	0-3
				714.5	23165	21.02	22	0-3

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FDD Band 12 (Full power)								
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	24.51	25	0
				707.5	23095	23.97	25	0
				715.3	23173	24.00	25	0
			2	699.7	23017	24.84	25	0
				707.5	23095	23.77	25	0
				715.3	23173	24.18	25	0
			5	699.7	23017	24.73	25	0
				707.5	23095	23.92	25	0
				715.3	23173	24.04	25	0
		3 RB	0	699.7	23017	23.72	24	0-1
				707.5	23095	23.12	24	0-1
				715.3	23173	23.95	24	0-1
			2	699.7	23017	23.86	24	0-1
				707.5	23095	23.12	24	0-1
				715.3	23173	23.14	24	0-1
			3	699.7	23017	23.91	24	0-1
				707.5	23095	23.00	24	0-1
				715.3	23173	23.91	24	0-1
		6RB		699.7	23017	23.96	24	0-1
				707.5	23095	22.07	24	0-1
				715.3	23173	23.02	24	0-1
	16-QAM	1 RB	0	699.7	23017	23.68	24	0-1
				707.5	23095	23.87	24	0-1
				715.3	23173	22.98	24	0-1
			2	699.7	23017	23.16	24	0-1
				707.5	23095	23.92	24	0-1
				715.3	23173	23.17	24	0-1
			5	699.7	23017	23.77	24	0-1
				707.5	23095	23.85	24	0-1
				715.3	23173	23.00	24	0-1
		3 RB	0	699.7	23017	22.74	23	0-1
				707.5	23095	22.85	23	0-1
				715.3	23173	22.86	23	0-1
			2	699.7	23017	22.93	23	0-1
				707.5	23095	22.91	23	0-1
				715.3	23173	22.88	23	0-1
			3	699.7	23017	22.71	23	0-1
				707.5	23095	22.93	23	0-1
				715.3	23173	22.10	23	0-1
		6RB		699.7	23017	22.99	23	0-2
				707.5	23095	22.83	23	0-2
				715.3	23173	21.99	23	0-2

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FDD Band 12 (Full power)								
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	22.59	23	0-2
				707.5	23095	22.83	23	0-2
				715.3	23173	22.43	23	0-2
			2	699.7	23017	22.16	23	0-2
				707.5	23095	22.84	23	0-2
				715.3	23173	22.03	23	0-2
			5	699.7	23017	22.76	23	0-2
				707.5	23095	22.69	23	0-2
				715.3	23173	21.91	23	0-2
		3 RB	0	699.7	23017	21.89	23	0-2
				707.5	23095	21.72	23	0-2
				715.3	23173	21.86	23	0-2
			2	699.7	23017	21.77	23	0-2
				707.5	23095	21.72	23	0-2
				715.3	23173	21.81	23	0-2
			3	699.7	23017	21.70	23	0-2
				707.5	23095	21.91	23	0-2
				715.3	23173	21.98	23	0-2
		6RB		699.7	23017	21.39	22	0-3
				707.5	23095	21.29	22	0-3
				715.3	23173	20.96	22	0-3

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FDD Band 13 (Full power)								
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	24.73	25	0
			25	782	23230	24.89	25	0
			49	782	23230	24.79	25	0
		25 RB	0	782	23230	23.91	24	0-1
			12	782	23230	23.98	24	0-1
			25	782	23230	23.93	24	0-1
		50RB		782	23230	23.81	24	0-1
	16-QAM	1 RB	0	782	23230	23.82	24	0-1
			25	782	23230	23.41	24	0-1
			49	782	23230	23.83	24	0-1
		25 RB	0	782	23230	22.96	23	0-2
			12	782	23230	22.88	23	0-2
			25	782	23230	22.93	23	0-2
		50RB		782	23230	22.92	23	0-2
	64-QAM	1 RB	0	782	23230	22.84	23	0-2
			25	782	23230	22.81	23	0-2
			49	782	23230	22.82	23	0-2
		25 RB	0	782	23230	21.70	22	0-3
			12	782	23230	21.61	22	0-3
			25	782	23230	21.55	22	0-3
		50RB		782	23230	21.60	22	0-3

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FDD Band 13 (Full power)								
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	24.83	25	0
				782	23230	23.11	25	0
				784.5	23255	23.79	25	0
			12	779.5	23205	24.72	25	0
				782	23230	23.22	25	0
				784.5	23255	24.17	25	0
			24	779.5	23205	24.76	25	0
				782	23230	23.05	25	0
				784.5	23255	24.37	25	0
		12 RB	0	779.5	23205	23.90	24	0-1
				782	23230	22.99	24	0-1
				784.5	23255	23.12	24	0-1
			6	779.5	23205	23.83	24	0-1
				782	23230	22.08	24	0-1
				784.5	23255	23.12	24	0-1
			13	779.5	23205	23.91	24	0-1
				782	23230	22.09	24	0-1
				784.5	23255	22.99	24	0-1
		25RB		779.5	23205	23.94	24	0-1
				782	23230	22.10	24	0-1
				784.5	23255	23.17	24	0-1
	16-QAM	1 RB	0	779.5	23205	23.92	24	0-1
				782	23230	23.87	24	0-1
				784.5	23255	23.19	24	0-1
			12	779.5	23205	23.94	24	0-1
				782	23230	23.91	24	0-1
				784.5	23255	22.75	24	0-1
			24	779.5	23205	23.36	24	0-1
				782	23230	23.88	24	0-1
				784.5	23255	23.22	24	0-1
		12 RB	0	779.5	23205	22.83	23	0-2
				782	23230	22.99	23	0-2
				784.5	23255	22.12	23	0-2
			6	779.5	23205	22.38	23	0-2
				782	23230	22.93	23	0-2
				784.5	23255	22.19	23	0-2
			13	779.5	23205	22.18	23	0-2
				782	23230	22.95	23	0-2
				784.5	23255	22.22	23	0-2
		25RB		779.5	23205	22.90	23	0-2
				782	23230	22.48	23	0-2
				784.5	23255	22.11	23	0-2

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FDD Band 13 (Full power)								
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	22.91	23	0-2
				782	23230	22.86	23	0-2
				784.5	23255	22.18	23	0-2
			12	779.5	23205	22.86	23	0-2
				782	23230	22.86	23	0-2
				784.5	23255	21.75	23	0-2
			24	779.5	23205	22.22	23	0-2
				782	23230	22.78	23	0-2
				784.5	23255	22.04	23	0-2
		12 RB	0	779.5	23205	21.72	22	0-3
				782	23230	21.95	22	0-3
				784.5	23255	21.05	22	0-3
			6	779.5	23205	21.22	22	0-3
				782	23230	21.74	22	0-3
				784.5	23255	21.08	22	0-3
			13	779.5	23205	21.09	22	0-3
				782	23230	21.90	22	0-3
				784.5	23255	21.17	22	0-3
		25RB		779.5	23205	21.79	22	0-3
				782	23230	21.30	22	0-3
				784.5	23255	21.07	22	0-3

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 13 (Reduced Power)								
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	24.45	24.5	0
			25	782	23230	24.46	24.5	0
			49	782	23230	24.43	24.5	0
		25 RB	0	782	23230	23.17	23.5	0-1
			12	782	23230	23.21	23.5	0-1
			25	782	23230	23.12	23.5	0-1
		50RB		782	23230	23.14	23.5	0-1
	16-QAM	1 RB	0	782	23230	23.24	23.5	0-1
			25	782	23230	23.36	23.5	0-1
			49	782	23230	23.22	23.5	0-1
		25 RB	0	782	23230	22.24	22.5	0-2
			12	782	23230	22.25	22.5	0-2
			25	782	23230	22.16	22.5	0-2
		50RB		782	23230	22.24	22.5	0-2
	64-QAM	1 RB	0	782	23230	22.22	22.5	0-2
			25	782	23230	22.41	22.5	0-2
			49	782	23230	22.11	22.5	0-2
		25 RB	0	782	23230	21.29	21.5	0-3
			12	782	23230	21.25	21.5	0-3
			25	782	23230	21.23	21.5	0-3
		50RB		782	23230	21.27	21.5	0-3

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FDD Band 13 (Reduced Power)								
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	23.84	24.5	0
				782	23230	23.78	24.5	0
				784.5	23255	23.87	24.5	0
			12	779.5	23205	23.79	24.5	0
				782	23230	23.89	24.5	0
				784.5	23255	23.74	24.5	0
			24	779.5	23205	23.87	24.5	0
				782	23230	23.81	24.5	0
				784.5	23255	23.71	24.5	0
		12 RB	0	779.5	23205	22.84	23.5	0-1
				782	23230	22.96	23.5	0-1
				784.5	23255	22.91	23.5	0-1
			6	779.5	23205	23.02	23.5	0-1
				782	23230	22.95	23.5	0-1
				784.5	23255	22.95	23.5	0-1
			13	779.5	23205	22.96	23.5	0-1
				782	23230	22.91	23.5	0-1
				784.5	23255	22.75	23.5	0-1
		25RB		779.5	23205	22.98	23.5	0-1
				782	23230	22.93	23.5	0-1
				784.5	23255	22.93	23.5	0-1
	16-QAM	1 RB	0	779.5	23205	23.11	23.5	0-1
				782	23230	23.12	23.5	0-1
				784.5	23255	23.24	23.5	0-1
			12	779.5	23205	23.14	23.5	0-1
				782	23230	23.21	23.5	0-1
				784.5	23255	23.03	23.5	0-1
			24	779.5	23205	23.16	23.5	0-1
				782	23230	23.13	23.5	0-1
				784.5	23255	22.99	23.5	0-1
		12 RB	0	779.5	23205	21.92	22.5	0-2
				782	23230	22.01	22.5	0-2
				784.5	23255	21.99	22.5	0-2
			6	779.5	23205	22.07	22.5	0-2
				782	23230	22.03	22.5	0-2
				784.5	23255	22.03	22.5	0-2
			13	779.5	23205	22.04	22.5	0-2
				782	23230	21.98	22.5	0-2
				784.5	23255	21.87	22.5	0-2
		25RB		779.5	23205	22.02	22.5	0-2
				782	23230	22.01	22.5	0-2
				784.5	23255	21.98	22.5	0-2

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 13 (Reduced Power)								
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	22.04	22.5	0-2
				782	23230	22.02	22.5	0-2
				784.5	23255	22.22	22.5	0-2
			12	779.5	23205	22.04	22.5	0-2
				782	23230	22.16	22.5	0-2
				784.5	23255	22.01	22.5	0-2
			24	779.5	23205	22.16	22.5	0-2
				782	23230	22.05	22.5	0-2
				784.5	23255	21.92	22.5	0-2
		12 RB	0	779.5	23205	20.97	21.5	0-3
				782	23230	21.11	21.5	0-3
				784.5	23255	21.11	21.5	0-3
			6	779.5	23205	21.15	21.5	0-3
				782	23230	21.11	21.5	0-3
				784.5	23255	21.08	21.5	0-3
			13	779.5	23205	21.09	21.5	0-3
				782	23230	21.05	21.5	0-3
				784.5	23255	20.94	21.5	0-3
		25RB		779.5	23205	21.05	21.5	0-3
				782	23230	21.03	21.5	0-3
				784.5	23255	20.99	21.5	0-3

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FDD Band 17 (Full power)								
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	24.94	25	0
				710	23790	23.97	25	0
				711	23800	24.01	25	0
			25	709	23780	24.74	25	0
				710	23790	23.06	25	0
				711	23800	24.13	25	0
			49	709	23780	24.92	25	0
				710	23790	23.37	25	0
				711	23800	23.96	25	0
		25 RB	0	709	23780	23.93	24	0-1
				710	23790	22.00	24	0-1
				711	23800	22.94	24	0-1
			12	709	23780	23.97	24	0-1
				710	23790	22.09	24	0-1
				711	23800	23.04	24	0-1
			25	709	23780	23.96	24	0-1
				710	23790	22.12	24	0-1
				711	23800	23.00	24	0-1
		50RB		709	23780	23.95	24	0-1
				710	23790	22.12	24	0-1
				711	23800	23.06	24	0-1
	16-QAM	1 RB	0	709	23780	23.22	24	0-1
				710	23790	23.86	24	0-1
				711	23800	23.22	24	0-1
			25	709	23780	23.91	24	0-1
				710	23790	23.81	24	0-1
				711	23800	23.19	24	0-1
			49	709	23780	23.27	24	0-1
				710	23790	23.86	24	0-1
				711	23800	23.00	24	0-1
		25 RB	0	709	23780	22.03	23	0-2
				710	23790	22.02	23	0-2
				711	23800	22.04	23	0-2
			12	709	23780	22.08	23	0-2
				710	23790	22.91	23	0-2
				711	23800	22.15	23	0-2
			25	709	23780	22.07	23	0-2
				710	23790	22.93	23	0-2
				711	23800	22.03	23	0-2
		50RB		709	23780	22.93	23	0-2
				710	23790	22.49	23	0-2
				711	23800	22.08	23	0-2

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f (886-2) 2298-0488

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FDD Band 17 (Full power)								
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	22.09	23	0-2
				710	23790	22.77	23	0-2
				711	23800	22.21	23	0-2
			25	709	23780	22.80	23	0-2
				710	23790	22.66	23	0-2
				711	23800	22.10	23	0-2
			49	709	23780	22.11	23	0-2
				710	23790	22.79	23	0-2
				711	23800	21.93	23	0-2
		25 RB	0	709	23780	20.87	22	0-3
				710	23790	20.90	22	0-3
				711	23800	20.85	22	0-3
			12	709	23780	21.05	22	0-3
				710	23790	21.82	22	0-3
				711	23800	21.11	22	0-3
			25	709	23780	21.01	22	0-3
				710	23790	21.93	22	0-3
				711	23800	20.86	22	0-3
		50RB		709	23780	21.77	22	0-3
				710	23790	21.38	22	0-3
				711	23800	21.03	22	0-3

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FDD Band 17 (Full power)								
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	24.83	25	0
				710	23790	23.14	25	0
				713.5	23825	23.90	25	0
			12	706.5	23755	24.81	25	0
				710	23790	23.19	25	0
				713.5	23825	23.93	25	0
			24	706.5	23755	24.92	25	0
				710	23790	23.23	25	0
				713.5	23825	23.90	25	0
		12 RB	0	706.5	23755	23.97	24	0-1
				710	23790	22.09	24	0-1
				713.5	23825	22.98	24	0-1
			6	706.5	23755	23.98	24	0-1
				710	23790	22.20	24	0-1
				713.5	23825	23.12	24	0-1
			13	706.5	23755	23.94	24	0-1
				710	23790	22.14	24	0-1
				713.5	23825	23.05	24	0-1
		25RB		706.5	23755	23.96	24	0-1
				710	23790	22.83	24	0-1
				713.5	23825	23.00	24	0-1
	16-QAM	1 RB	0	706.5	23755	23.40	24	0-1
				710	23790	23.91	24	0-1
				713.5	23825	23.20	24	0-1
			12	706.5	23755	23.44	24	0-1
				710	23790	23.94	24	0-1
				713.5	23825	22.65	24	0-1
			24	706.5	23755	23.98	24	0-1
				710	23790	23.92	24	0-1
				713.5	23825	22.90	24	0-1
		12 RB	0	706.5	23755	22.11	23	0-2
				710	23790	22.70	23	0-2
				713.5	23825	22.08	23	0-2
			6	706.5	23755	22.06	23	0-2
				710	23790	22.85	23	0-2
				713.5	23825	22.18	23	0-2
			13	706.5	23755	21.86	23	0-2
				710	23790	22.87	23	0-2
				713.5	23825	22.11	23	0-2
		25RB		706.5	23755	21.46	23	0-2
				710	23790	22.70	23	0-2
				713.5	23825	21.98	23	0-2

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FDD Band 17 (Full power)								
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	22.30	23	0-2
				710	23790	22.77	23	0-2
				713.5	23825	22.17	23	0-2
			12	706.5	23755	22.36	23	0-2
				710	23790	22.84	23	0-2
				713.5	23825	21.54	23	0-2
			24	706.5	23755	22.80	23	0-2
				710	23790	22.75	23	0-2
				713.5	23825	21.85	23	0-2
		12 RB	0	706.5	23755	21.08	22	0-3
				710	23790	21.63	22	0-3
				713.5	23825	21.02	22	0-3
			6	706.5	23755	20.90	22	0-3
				710	23790	21.84	22	0-3
				713.5	23825	21.13	22	0-3
			13	706.5	23755	20.78	22	0-3
				710	23790	21.75	22	0-3
				713.5	23825	21.06	22	0-3
		25RB		706.5	23755	20.45	22	0-3
				710	23790	21.58	22	0-3
				713.5	23825	20.91	22	0-3

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f (886-2) 2298-0488

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FDD Band 25 (Full power)								
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	24.96	25	0
				1882.5	26365	24.82	25	0
				1905	26590	24.68	25	0
			50	1860	26140	24.68	25	0
				1882.5	26365	24.56	25	0
				1905	26590	24.50	25	0
			99	1860	26140	24.81	25	0
				1882.5	26365	24.79	25	0
				1905	26590	24.61	25	0
		50 RB	0	1860	26140	23.88	24	0-1
				1882.5	26365	23.67	24	0-1
				1905	26590	23.67	24	0-1
			25	1860	26140	23.70	24	0-1
				1882.5	26365	23.62	24	0-1
				1905	26590	23.63	24	0-1
			50	1860	26140	23.58	24	0-1
				1882.5	26365	23.56	24	0-1
				1905	26590	23.61	24	0-1
		100RB		1860	26140	23.72	24	0-1
				1882.5	26365	23.70	24	0-1
				1905	26590	23.69	24	0-1
	16-QAM	1 RB	0	1860	26140	23.96	24	0-1
				1882.5	26365	23.82	24	0-1
				1905	26590	23.65	24	0-1
			50	1860	26140	23.65	24	0-1
				1882.5	26365	23.58	24	0-1
				1905	26590	23.45	24	0-1
			99	1860	26140	23.78	24	0-1
				1882.5	26365	23.77	24	0-1
				1905	26590	23.54	24	0-1
		50 RB	0	1860	26140	22.70	23	0-2
				1882.5	26365	22.53	23	0-2
				1905	26590	22.46	23	0-2
			25	1860	26140	22.54	23	0-2
				1882.5	26365	22.49	23	0-2
				1905	26590	22.43	23	0-2
			50	1860	26140	22.51	23	0-2
				1882.5	26365	22.48	23	0-2
				1905	26590	22.46	23	0-2
		100RB		1860	26140	22.48	23	0-2
				1882.5	26365	22.47	23	0-2
				1905	26590	22.78	23	0-2

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FDD Band 25 (Full power)								
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	22.92	23	0-2
				1882.5	26365	22.77	23	0-2
				1905	26590	22.62	23	0-2
			50	1860	26140	22.66	23	0-2
				1882.5	26365	22.56	23	0-2
				1905	26590	22.44	23	0-2
			99	1860	26140	22.76	23	0-2
				1882.5	26365	22.69	23	0-2
				1905	26590	22.48	23	0-2
		50 RB	0	1860	26140	21.68	22	0-3
				1882.5	26365	21.52	22	0-3
				1905	26590	21.48	22	0-3
			25	1860	26140	21.52	22	0-3
				1882.5	26365	21.49	22	0-3
				1905	26590	21.45	22	0-3
			50	1860	26140	21.50	22	0-3
				1882.5	26365	21.46	22	0-3
				1905	26590	21.45	22	0-3
		100RB		1860	26140	21.53	22	0-3
				1882.5	26365	21.49	22	0-3
				1905	26590	21.51	22	0-3

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FDD Band 25 (Full power)								
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	24.77	25	0
				1882.5	26365	24.66	25	0
				1907.5	26615	24.65	25	0
			36	1857.5	26115	24.65	25	0
				1882.5	26365	24.55	25	0
				1907.5	26615	24.49	25	0
			74	1857.5	26115	24.60	25	0
				1882.5	26365	24.60	25	0
				1907.5	26615	24.58	25	0
		36 RB	0	1857.5	26115	23.83	24	0-1
				1882.5	26365	23.63	24	0-1
				1907.5	26615	23.62	24	0-1
			18	1857.5	26115	23.80	24	0-1
				1882.5	26365	23.69	24	0-1
				1907.5	26615	23.62	24	0-1
			37	1857.5	26115	23.60	24	0-1
				1882.5	26365	23.63	24	0-1
				1907.5	26615	23.62	24	0-1
		75RB		1857.5	26115	23.62	24	0-1
				1882.5	26365	23.67	24	0-1
				1907.5	26615	23.63	24	0-1
	16-QAM	1 RB	0	1857.5	26115	23.93	24	0-1
				1882.5	26365	23.98	24	0-1
				1907.5	26615	23.92	24	0-1
			36	1857.5	26115	23.93	24	0-1
				1882.5	26365	23.83	24	0-1
				1907.5	26615	23.71	24	0-1
			74	1857.5	26115	23.87	24	0-1
				1882.5	26365	23.85	24	0-1
				1907.5	26615	23.80	24	0-1
		36 RB	0	1857.5	26115	22.91	23	0-2
				1882.5	26365	22.76	23	0-2
				1907.5	26615	22.71	23	0-2
			18	1857.5	26115	22.89	23	0-2
				1882.5	26365	22.77	23	0-2
				1907.5	26615	22.72	23	0-2
			37	1857.5	26115	22.70	23	0-2
				1882.5	26365	22.74	23	0-2
				1907.5	26615	22.68	23	0-2
		75RB		1857.5	26115	22.74	23	0-2
				1882.5	26365	22.78	23	0-2
				1907.5	26615	22.74	23	0-2

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FDD Band 25 (Full power)								
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	22.94	23	0-2
				1882.5	26365	22.93	23	0-2
				1907.5	26615	22.87	23	0-2
			36	1857.5	26115	22.90	23	0-2
				1882.5	26365	22.81	23	0-2
				1907.5	26615	22.72	23	0-2
			74	1857.5	26115	22.85	23	0-2
				1882.5	26365	22.86	23	0-2
				1907.5	26615	22.81	23	0-2
		36 RB	0	1857.5	26115	21.93	22	0-3
				1882.5	26365	21.77	22	0-3
				1907.5	26615	21.77	22	0-3
			18	1857.5	26115	21.93	22	0-3
				1882.5	26365	21.82	22	0-3
				1907.5	26615	21.76	22	0-3
			37	1857.5	26115	21.76	22	0-3
				1882.5	26365	21.79	22	0-3
				1907.5	26615	21.71	22	0-3
		75RB		1857.5	26115	21.74	22	0-3
				1882.5	26365	21.76	22	0-3
				1907.5	26615	21.72	22	0-3

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FDD Band 25 (Full power)								
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	24.60	25	0
				1882.5	26365	24.50	25	0
				1910	26640	24.25	25	0
			25	1855	26090	24.34	25	0
				1882.5	26365	24.24	25	0
				1910	26640	24.22	25	0
			49	1855	26090	24.53	25	0
				1882.5	26365	24.44	25	0
				1910	26640	24.25	25	0
		25 RB	0	1855	26090	23.48	24	0-1
				1882.5	26365	23.33	24	0-1
				1910	26640	23.33	24	0-1
			12	1855	26090	23.49	24	0-1
				1882.5	26365	23.32	24	0-1
				1910	26640	23.32	24	0-1
			25	1855	26090	23.46	24	0-1
				1882.5	26365	23.32	24	0-1
				1910	26640	23.32	24	0-1
		50RB		1855	26090	23.47	24	0-1
				1882.5	26365	23.34	24	0-1
				1910	26640	23.33	24	0-1
	16-QAM	1 RB	0	1855	26090	23.83	24	0-1
				1882.5	26365	23.77	24	0-1
				1910	26640	23.46	24	0-1
			25	1855	26090	23.59	24	0-1
				1882.5	26365	23.52	24	0-1
				1910	26640	23.46	24	0-1
			49	1855	26090	23.79	24	0-1
				1882.5	26365	23.68	24	0-1
				1910	26640	23.43	24	0-1
		25 RB	0	1855	26090	22.58	23	0-2
				1882.5	26365	22.44	23	0-2
				1910	26640	22.37	23	0-2
			12	1855	26090	22.57	23	0-2
				1882.5	26365	22.43	23	0-2
				1910	26640	22.36	23	0-2
			25	1855	26090	22.55	23	0-2
				1882.5	26365	22.41	23	0-2
				1910	26640	22.36	23	0-2
		50RB		1855	26090	22.58	23	0-2
				1882.5	26365	22.45	23	0-2
				1910	26640	22.39	23	0-2

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FDD Band 25 (Full power)								
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	22.81	23	0-2
				1882.5	26365	22.70	23	0-2
				1910	26640	22.45	23	0-2
			25	1855	26090	22.57	23	0-2
				1882.5	26365	22.51	23	0-2
				1910	26640	22.43	23	0-2
			49	1855	26090	22.78	23	0-2
				1882.5	26365	22.70	23	0-2
				1910	26640	22.44	23	0-2
		25 RB	0	1855	26090	21.58	22	0-3
				1882.5	26365	21.45	22	0-3
				1910	26640	21.40	22	0-3
			12	1855	26090	21.57	22	0-3
				1882.5	26365	21.45	22	0-3
				1910	26640	21.38	22	0-3
			25	1855	26090	21.55	22	0-3
				1882.5	26365	21.42	22	0-3
				1910	26640	21.40	22	0-3
		50RB		1855	26090	21.57	22	0-3
				1882.5	26365	21.41	22	0-3
				1910	26640	21.40	22	0-3

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FDD Band 25 (Full power)								
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	24.69	25	0
				1882.5	26365	24.59	25	0
				1912.5	26665	24.54	25	0
			12	1852.5	26065	24.62	25	0
				1882.5	26365	24.54	25	0
				1912.5	26665	24.55	25	0
			24	1852.5	26065	24.65	25	0
				1882.5	26365	24.57	25	0
				1912.5	26665	24.55	25	0
		12 RB	0	1852.5	26065	23.73	24	0-1
				1882.5	26365	23.62	24	0-1
				1912.5	26665	23.57	24	0-1
			6	1852.5	26065	23.74	24	0-1
				1882.5	26365	23.61	24	0-1
				1912.5	26665	23.61	24	0-1
			13	1852.5	26065	23.71	24	0-1
				1882.5	26365	23.59	24	0-1
				1912.5	26665	23.58	24	0-1
		25RB		1852.5	26065	23.72	24	0-1
				1882.5	26365	23.59	24	0-1
				1912.5	26665	23.60	24	0-1
	16-QAM	1 RB	0	1852.5	26065	23.92	24	0-1
				1882.5	26365	23.85	24	0-1
				1912.5	26665	23.78	24	0-1
			12	1852.5	26065	23.90	24	0-1
				1882.5	26365	23.82	24	0-1
				1912.5	26665	23.67	24	0-1
			24	1852.5	26065	23.91	24	0-1
				1882.5	26365	23.83	24	0-1
				1912.5	26665	23.71	24	0-1
		12 RB	0	1852.5	26065	22.85	23	0-2
				1882.5	26365	22.72	23	0-2
				1912.5	26665	22.61	23	0-2
			6	1852.5	26065	22.83	23	0-2
				1882.5	26365	22.72	23	0-2
				1912.5	26665	22.60	23	0-2
			13	1852.5	26065	22.83	23	0-2
				1882.5	26365	22.70	23	0-2
				1912.5	26665	22.62	23	0-2
		25RB		1852.5	26065	22.83	23	0-2
				1882.5	26365	22.69	23	0-2
				1912.5	26665	22.62	23	0-2

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 25 (Full power)								
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	22.94	23	0-2
				1882.5	26365	22.83	23	0-2
				1912.5	26665	22.74	23	0-2
			12	1852.5	26065	22.88	23	0-2
				1882.5	26365	22.79	23	0-2
				1912.5	26665	22.68	23	0-2
			24	1852.5	26065	22.86	23	0-2
				1882.5	26365	22.82	23	0-2
				1912.5	26665	22.69	23	0-2
		12 RB	0	1852.5	26065	21.89	22	0-3
				1882.5	26365	21.76	22	0-3
				1912.5	26665	21.67	22	0-3
			6	1852.5	26065	21.88	22	0-3
				1882.5	26365	21.77	22	0-3
				1912.5	26665	21.67	22	0-3
			13	1852.5	26065	21.87	22	0-3
				1882.5	26365	21.75	22	0-3
				1912.5	26665	21.69	22	0-3
		25RB		1852.5	26065	21.84	22	0-3
				1882.5	26365	21.69	22	0-3
				1912.5	26665	21.64	22	0-3

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FDD Band 25 (Full power)								
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	24.63	25	0
				1882.5	26365	24.53	25	0
				1913.5	26675	24.50	25	0
			7	1851.5	26055	24.71	25	0
				1882.5	26365	24.63	25	0
				1913.5	26675	24.59	25	0
			14	1851.5	26055	24.60	25	0
				1882.5	26365	24.52	25	0
				1913.5	26675	24.47	25	0
		8 RB	0	1851.5	26055	23.72	24	0-1
				1882.5	26365	23.56	24	0-1
				1913.5	26675	23.54	24	0-1
			4	1851.5	26055	23.73	24	0-1
				1882.5	26365	23.58	24	0-1
				1913.5	26675	23.56	24	0-1
			7	1851.5	26055	23.67	24	0-1
				1882.5	26365	23.53	24	0-1
				1913.5	26675	23.53	24	0-1
		15RB		1851.5	26055	23.69	24	0-1
				1882.5	26365	23.56	24	0-1
				1913.5	26675	23.57	24	0-1
	16-QAM	1 RB	0	1851.5	26055	23.87	24	0-1
				1882.5	26365	23.75	24	0-1
				1913.5	26675	23.67	24	0-1
			7	1851.5	26055	23.94	24	0-1
				1882.5	26365	23.90	24	0-1
				1913.5	26675	23.77	24	0-1
			14	1851.5	26055	23.84	24	0-1
				1882.5	26365	23.73	24	0-1
				1913.5	26675	23.62	24	0-1
		8 RB	0	1851.5	26055	22.83	23	0-2
				1882.5	26365	22.69	23	0-2
				1913.5	26675	22.60	23	0-2
			4	1851.5	26055	22.84	23	0-2
				1882.5	26365	22.74	23	0-2
				1913.5	26675	22.65	23	0-2
			7	1851.5	26055	22.80	23	0-2
				1882.5	26365	22.69	23	0-2
				1913.5	26675	22.61	23	0-2
		15RB		1851.5	26055	22.80	23	0-2
				1882.5	26365	22.68	23	0-2
				1913.5	26675	22.62	23	0-2

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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FDD Band 25 (Full power)								
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	22.85	23	0-2
				1882.5	26365	22.75	23	0-2
				1913.5	26675	22.67	23	0-2
			7	1851.5	26055	22.92	23	0-2
				1882.5	26365	22.87	23	0-2
				1913.5	26675	22.75	23	0-2
			14	1851.5	26055	22.82	23	0-2
				1882.5	26365	22.72	23	0-2
				1913.5	26675	22.66	23	0-2
		8 RB	0	1851.5	26055	21.85	22	0-3
				1882.5	26365	21.70	22	0-3
				1913.5	26675	21.62	22	0-3
			4	1851.5	26055	21.88	22	0-3
				1882.5	26365	21.75	22	0-3
				1913.5	26675	21.65	22	0-3
			7	1851.5	26055	21.83	22	0-3
				1882.5	26365	21.71	22	0-3
				1913.5	26675	21.63	22	0-3
		15RB		1851.5	26055	21.82	22	0-3
				1882.5	26365	21.65	22	0-3
				1913.5	26675	21.61	22	0-3

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FDD Band 25 (Full power)								
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	24.86	25	0
				1882.5	26365	24.68	25	0
				1914.3	26683	24.73	25	0
			2	1850.7	26047	24.92	25	0
				1882.5	26365	24.77	25	0
				1914.3	26683	24.78	25	0
			5	1850.7	26047	24.85	25	0
				1882.5	26365	24.69	25	0
				1914.3	26683	24.74	25	0
		3 RB	0	1850.7	26047	24.90	25	0
				1882.5	26365	24.74	25	0
				1914.3	26683	24.79	25	0
			2	1850.7	26047	24.91	25	0
				1882.5	26365	24.79	25	0
				1914.3	26683	24.85	25	0
			3	1850.7	26047	24.87	25	0
				1882.5	26365	24.74	25	0
				1914.3	26683	24.80	25	0
		6RB		1850.7	26047	23.95	24	0-1
				1882.5	26365	23.75	24	0-1
				1914.3	26683	23.80	24	0-1
	16-QAM	1 RB	0	1850.7	26047	23.78	24	0-1
				1882.5	26365	23.66	24	0-1
				1914.3	26683	23.62	24	0-1
			2	1850.7	26047	23.85	24	0-1
				1882.5	26365	23.74	24	0-1
				1914.3	26683	23.68	24	0-1
			5	1850.7	26047	23.78	24	0-1
				1882.5	26365	23.67	24	0-1
				1914.3	26683	23.58	24	0-1
		3 RB	0	1850.7	26047	23.62	24	0-1
				1882.5	26365	23.50	24	0-1
				1914.3	26683	23.48	24	0-1
			2	1850.7	26047	23.68	24	0-1
				1882.5	26365	23.58	24	0-1
				1914.3	26683	23.52	24	0-1
			3	1850.7	26047	23.61	24	0-1
				1882.5	26365	23.52	24	0-1
				1914.3	26683	23.45	24	0-1
		6RB		1850.7	26047	22.78	23	0-2
				1882.5	26365	22.61	23	0-2
				1914.3	26683	22.61	23	0-2

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FDD Band 25 (Full power)								
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	22.79	23	0-2
				1882.5	26365	22.64	23	0-2
				1914.3	26683	22.62	23	0-2
			2	1850.7	26047	22.86	23	0-2
				1882.5	26365	22.72	23	0-2
				1914.3	26683	22.68	23	0-2
			5	1850.7	26047	22.79	23	0-2
				1882.5	26365	22.62	23	0-2
				1914.3	26683	22.56	23	0-2
		3 RB	0	1850.7	26047	22.77	23	0-2
				1882.5	26365	22.66	23	0-2
				1914.3	26683	22.61	23	0-2
			2	1850.7	26047	22.87	23	0-2
				1882.5	26365	22.72	23	0-2
				1914.3	26683	22.69	23	0-2
			3	1850.7	26047	22.80	23	0-2
				1882.5	26365	22.64	23	0-2
				1914.3	26683	22.62	23	0-2
		6RB		1850.7	26047	21.75	22	0-3
				1882.5	26365	21.55	22	0-3
				1914.3	26683	21.56	22	0-3

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FDD Band 25 (Reduced Power)								
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	20.28	20.5	0
				1882.5	26365	20.25	20.5	0
				1905	26590	20.26	20.5	0
			50	1860	26140	20.05	20.5	0
				1882.5	26365	19.97	20.5	0
				1905	26590	19.93	20.5	0
			99	1860	26140	20.19	20.5	0
				1882.5	26365	20.16	20.5	0
				1905	26590	20.07	20.5	0
		50 RB	0	1860	26140	19.18	19.5	0-1
				1882.5	26365	19.06	19.5	0-1
				1905	26590	19.07	19.5	0-1
			25	1860	26140	19.06	19.5	0-1
				1882.5	26365	19.05	19.5	0-1
				1905	26590	19.06	19.5	0-1
			50	1860	26140	19.05	19.5	0-1
				1882.5	26365	19.04	19.5	0-1
				1905	26590	19.03	19.5	0-1
		100RB		1860	26140	19.19	19.5	0-1
				1882.5	26365	19.08	19.5	0-1
				1905	26590	19.15	19.5	0-1
	16-QAM	1 RB	0	1860	26140	19.36	19.5	0-1
				1882.5	26365	19.33	19.5	0-1
				1905	26590	19.32	19.5	0-1
			50	1860	26140	19.32	19.5	0-1
				1882.5	26365	19.17	19.5	0-1
				1905	26590	19.19	19.5	0-1
			99	1860	26140	19.46	19.5	0-1
				1882.5	26365	19.41	19.5	0-1
				1905	26590	19.32	19.5	0-1
		50 RB	0	1860	26140	18.18	18.5	0-2
				1882.5	26365	18.08	18.5	0-2
				1905	26590	18.06	18.5	0-2
			25	1860	26140	18.04	18.5	0-2
				1882.5	26365	18.05	18.5	0-2
				1905	26590	18.04	18.5	0-2
			50	1860	26140	18.02	18.5	0-2
				1882.5	26365	18.07	18.5	0-2
				1905	26590	18.06	18.5	0-2
		100RB		1860	26140	18.05	18.5	0-2
				1882.5	26365	18.03	18.5	0-2
				1905	26590	18.11	18.5	0-2

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FDD Band 25 (Reduced Power)								
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	18.47	18.5	0-2
				1882.5	26365	18.36	18.5	0-2
				1905	26590	18.21	18.5	0-2
			50	1860	26140	18.17	18.5	0-2
				1882.5	26365	17.97	18.5	0-2
				1905	26590	18.06	18.5	0-2
			99	1860	26140	18.33	18.5	0-2
				1882.5	26365	18.28	18.5	0-2
				1905	26590	18.28	18.5	0-2
		50 RB	0	1860	26140	17.05	17.5	0-3
				1882.5	26365	16.95	17.5	0-3
				1905	26590	16.99	17.5	0-3
			25	1860	26140	16.99	17.5	0-3
				1882.5	26365	16.95	17.5	0-3
				1905	26590	16.89	17.5	0-3
			50	1860	26140	16.92	17.5	0-3
				1882.5	26365	16.92	17.5	0-3
				1905	26590	16.85	17.5	0-3
		100RB		1860	26140	16.88	17.5	0-3
				1882.5	26365	16.82	17.5	0-3
				1905	26590	16.86	17.5	0-3

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 25 (Reduced Power)								
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	20.24	20.5	0
				1882.5	26365	20.18	20.5	0
				1907.5	26615	20.15	20.5	0
			36	1857.5	26115	19.94	20.5	0
				1882.5	26365	19.92	20.5	0
				1907.5	26615	19.89	20.5	0
			74	1857.5	26115	20.08	20.5	0
				1882.5	26365	20.11	20.5	0
				1907.5	26615	20.01	20.5	0
		36 RB	0	1857.5	26115	19.11	19.5	0-1
				1882.5	26365	19.12	19.5	0-1
				1907.5	26615	18.98	19.5	0-1
			18	1857.5	26115	19.02	19.5	0-1
				1882.5	26365	19.02	19.5	0-1
				1907.5	26615	18.99	19.5	0-1
			37	1857.5	26115	18.93	19.5	0-1
				1882.5	26365	19.01	19.5	0-1
				1907.5	26615	18.91	19.5	0-1
		75RB		1857.5	26115	19.13	19.5	0-1
				1882.5	26365	18.96	19.5	0-1
				1907.5	26615	19.04	19.5	0-1
	16-QAM	1 RB	0	1857.5	26115	19.25	19.5	0-1
				1882.5	26365	19.24	19.5	0-1
				1907.5	26615	19.27	19.5	0-1
			36	1857.5	26115	19.25	19.5	0-1
				1882.5	26365	19.09	19.5	0-1
				1907.5	26615	19.08	19.5	0-1
			74	1857.5	26115	19.42	19.5	0-1
				1882.5	26365	19.29	19.5	0-1
				1907.5	26615	19.21	19.5	0-1
		36 RB	0	1857.5	26115	18.09	18.5	0-2
				1882.5	26365	17.96	18.5	0-2
				1907.5	26615	17.97	18.5	0-2
			18	1857.5	26115	17.93	18.5	0-2
				1882.5	26365	18.01	18.5	0-2
				1907.5	26615	17.97	18.5	0-2
			37	1857.5	26115	17.92	18.5	0-2
				1882.5	26365	17.97	18.5	0-2
				1907.5	26615	17.96	18.5	0-2
		75RB		1857.5	26115	18.01	18.5	0-2
				1882.5	26365	17.97	18.5	0-2
				1907.5	26615	18.06	18.5	0-2

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 25 (Reduced Power)								
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	18.44	18.5	0-2
				1882.5	26365	18.26	18.5	0-2
				1907.5	26615	18.12	18.5	0-2
			36	1857.5	26115	18.11	18.5	0-2
				1882.5	26365	17.88	18.5	0-2
				1907.5	26615	18.21	18.5	0-2
			74	1857.5	26115	18.25	18.5	0-2
				1882.5	26365	18.26	18.5	0-2
				1907.5	26615	18.12	18.5	0-2
		36 RB	0	1857.5	26115	16.98	17.5	0-3
				1882.5	26365	16.88	17.5	0-3
				1907.5	26615	16.94	17.5	0-3
			18	1857.5	26115	16.87	17.5	0-3
				1882.5	26365	16.86	17.5	0-3
				1907.5	26615	16.81	17.5	0-3
			37	1857.5	26115	16.82	17.5	0-3
				1882.5	26365	16.81	17.5	0-3
				1907.5	26615	16.78	17.5	0-3
		75RB		1857.5	26115	16.84	17.5	0-3
				1882.5	26365	16.75	17.5	0-3
				1907.5	26615	16.75	17.5	0-3

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FDD Band 25 (Reduced Power)								
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	20.13	20.5	0
				1882.5	26365	20.12	20.5	0
				1910	26640	20.05	20.5	0
			25	1855	26090	19.82	20.5	0
				1882.5	26365	19.87	20.5	0
				1910	26640	19.83	20.5	0
			49	1855	26090	19.98	20.5	0
				1882.5	26365	20.04	20.5	0
				1910	26640	19.92	20.5	0
		25 RB	0	1855	26090	19.05	19.5	0-1
				1882.5	26365	18.94	19.5	0-1
				1910	26640	18.86	19.5	0-1
			12	1855	26090	18.95	19.5	0-1
				1882.5	26365	18.88	19.5	0-1
				1910	26640	18.95	19.5	0-1
			25	1855	26090	18.82	19.5	0-1
				1882.5	26365	18.93	19.5	0-1
				1910	26640	18.79	19.5	0-1
		50RB		1855	26090	19.07	19.5	0-1
				1882.5	26365	18.87	19.5	0-1
				1910	26640	18.95	19.5	0-1
	16-QAM	1 RB	0	1855	26090	19.13	19.5	0-1
				1882.5	26365	19.21	19.5	0-1
				1910	26640	19.23	19.5	0-1
			25	1855	26090	19.19	19.5	0-1
				1882.5	26365	19.04	19.5	0-1
				1910	26640	18.96	19.5	0-1
			49	1855	26090	19.33	19.5	0-1
				1882.5	26365	19.18	19.5	0-1
				1910	26640	19.15	19.5	0-1
		25 RB	0	1855	26090	18.01	18.5	0-2
				1882.5	26365	17.89	18.5	0-2
				1910	26640	17.92	18.5	0-2
			12	1855	26090	17.92	18.5	0-2
				1882.5	26365	17.98	18.5	0-2
				1910	26640	17.91	18.5	0-2
			25	1855	26090	17.85	18.5	0-2
				1882.5	26365	17.89	18.5	0-2
				1910	26640	17.84	18.5	0-2
		50RB		1855	26090	17.92	18.5	0-2
				1882.5	26365	17.87	18.5	0-2
				1910	26640	17.95	18.5	0-2

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FDD Band 25 (Reduced Power)								
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	18.39	18.5	0-2
				1882.5	26365	18.23	18.5	0-2
				1910	26640	18.05	18.5	0-2
			25	1855	26090	17.99	18.5	0-2
				1882.5	26365	17.78	18.5	0-2
				1910	26640	17.89	18.5	0-2
			49	1855	26090	18.11	18.5	0-2
				1882.5	26365	18.22	18.5	0-2
				1910	26640	18.07	18.5	0-2
		25 RB	0	1855	26090	16.89	17.5	0-3
				1882.5	26365	16.82	17.5	0-3
				1910	26640	16.86	17.5	0-3
			12	1855	26090	16.84	17.5	0-3
				1882.5	26365	16.92	17.5	0-3
				1910	26640	16.76	17.5	0-3
			25	1855	26090	16.70	17.5	0-3
				1882.5	26365	16.69	17.5	0-3
				1910	26640	16.69	17.5	0-3
		50RB		1855	26090	16.75	17.5	0-3
				1882.5	26365	16.65	17.5	0-3
				1910	26640	16.71	17.5	0-3

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 25 (Reduced Power)								
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	20.06	20.5	0
				1882.5	26365	20.07	20.5	0
				1912.5	26665	19.97	20.5	0
			12	1852.5	26065	19.76	20.5	0
				1882.5	26365	19.83	20.5	0
				1912.5	26665	19.77	20.5	0
			24	1852.5	26065	19.91	20.5	0
				1882.5	26365	19.94	20.5	0
				1912.5	26665	19.89	20.5	0
		12 RB	0	1852.5	26065	18.96	19.5	0-1
				1882.5	26365	18.88	19.5	0-1
				1912.5	26665	18.80	19.5	0-1
			6	1852.5	26065	18.83	19.5	0-1
				1882.5	26365	18.78	19.5	0-1
				1912.5	26665	18.84	19.5	0-1
			13	1852.5	26065	18.74	19.5	0-1
				1882.5	26365	18.89	19.5	0-1
				1912.5	26665	18.67	19.5	0-1
		25RB		1852.5	26065	18.99	19.5	0-1
				1882.5	26365	18.78	19.5	0-1
				1912.5	26665	18.88	19.5	0-1
	16-QAM	1 RB	0	1852.5	26065	19.07	19.5	0-1
				1882.5	26365	19.15	19.5	0-1
				1912.5	26665	19.16	19.5	0-1
			12	1852.5	26065	19.10	19.5	0-1
				1882.5	26365	18.92	19.5	0-1
				1912.5	26665	18.91	19.5	0-1
			24	1852.5	26065	19.20	19.5	0-1
				1882.5	26365	19.12	19.5	0-1
				1912.5	26665	19.03	19.5	0-1
		12 RB	0	1852.5	26065	17.90	18.5	0-2
				1882.5	26365	17.82	18.5	0-2
				1912.5	26665	17.82	18.5	0-2
			6	1852.5	26065	17.86	18.5	0-2
				1882.5	26365	17.95	18.5	0-2
				1912.5	26665	17.83	18.5	0-2
			13	1852.5	26065	17.81	18.5	0-2
				1882.5	26365	17.86	18.5	0-2
				1912.5	26665	17.72	18.5	0-2
		25RB		1852.5	26065	17.88	18.5	0-2
				1882.5	26365	17.79	18.5	0-2
				1912.5	26665	17.92	18.5	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	1852.5	26065	18.30	18.5	0-2
				1882.5	26365	18.17	18.5	0-2
				1912.5	26665	18.02	18.5	0-2
			12	1852.5	26065	17.91	18.5	0-2
				1882.5	26365	17.75	18.5	0-2
				1912.5	26665	17.86	18.5	0-2
			24	1852.5	26065	18.12	18.5	0-2
				1882.5	26365	18.15	18.5	0-2
				1912.5	26665	17.97	18.5	0-2
		12 RB	0	1852.5	26065	16.84	17.5	0-3
				1882.5	26365	16.78	17.5	0-3
				1912.5	26665	16.81	17.5	0-3
			6	1852.5	26065	16.73	17.5	0-3
				1882.5	26365	16.77	17.5	0-3
				1912.5	26665	16.64	17.5	0-3
			13	1852.5	26065	16.62	17.5	0-3
				1882.5	26365	16.57	17.5	0-3
				1912.5	26665	16.62	17.5	0-3
		25RB		1852.5	26065	16.66	17.5	0-3
				1882.5	26365	16.55	17.5	0-3
				1912.5	26665	16.63	17.5	0-3

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FDD Band 25 (Reduced Power)								
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	20.03	20.5	0
				1882.5	26365	20.01	20.5	0
				1913.5	26675	19.87	20.5	0
			7	1851.5	26055	19.64	20.5	0
				1882.5	26365	19.78	20.5	0
				1913.5	26675	19.72	20.5	0
			14	1851.5	26055	19.79	20.5	0
				1882.5	26365	19.89	20.5	0
				1913.5	26675	19.86	20.5	0
		8 RB	0	1851.5	26055	18.85	19.5	0-1
				1882.5	26365	18.78	19.5	0-1
				1913.5	26675	18.77	19.5	0-1
			4	1851.5	26055	18.74	19.5	0-1
				1882.5	26365	18.72	19.5	0-1
				1913.5	26675	18.72	19.5	0-1
			7	1851.5	26055	18.67	19.5	0-1
				1882.5	26365	18.81	19.5	0-1
				1913.5	26675	18.64	19.5	0-1
		15RB		1851.5	26055	18.94	19.5	0-1
				1882.5	26365	18.73	19.5	0-1
				1913.5	26675	18.84	19.5	0-1
	16-QAM	1 RB	0	1851.5	26055	19.04	19.5	0-1
				1882.5	26365	19.11	19.5	0-1
				1913.5	26675	19.12	19.5	0-1
			7	1851.5	26055	18.99	19.5	0-1
				1882.5	26365	18.82	19.5	0-1
				1913.5	26675	18.81	19.5	0-1
			14	1851.5	26055	19.13	19.5	0-1
				1882.5	26365	19.06	19.5	0-1
				1913.5	26675	18.98	19.5	0-1
		8 RB	0	1851.5	26055	17.81	18.5	0-2
				1882.5	26365	17.74	18.5	0-2
				1913.5	26675	17.74	18.5	0-2
			4	1851.5	26055	17.77	18.5	0-2
				1882.5	26365	17.91	18.5	0-2
				1913.5	26675	17.76	18.5	0-2
			7	1851.5	26055	17.75	18.5	0-2
				1882.5	26365	17.80	18.5	0-2
				1913.5	26675	17.69	18.5	0-2
		15RB		1851.5	26055	17.77	18.5	0-2
				1882.5	26365	17.72	18.5	0-2
				1913.5	26675	17.80	18.5	0-2

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f (886-2) 2298-0488

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BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	26055	18.23	18.5	0-2
				1882.5	26365	18.10	18.5	0-2
				1913.5	26675	17.95	18.5	0-2
			7	1851.5	26055	17.86	18.5	0-2
				1882.5	26365	17.65	18.5	0-2
				1913.5	26675	17.83	18.5	0-2
			14	1851.5	26055	18.00	18.5	0-2
				1882.5	26365	18.09	18.5	0-2
				1913.5	26675	17.87	18.5	0-2
		8 RB	0	1851.5	26055	16.75	17.5	0-3
				1882.5	26365	16.66	17.5	0-3
				1913.5	26675	16.75	17.5	0-3
			4	1851.5	26055	16.70	17.5	0-3
				1882.5	26365	16.72	17.5	0-3
				1913.5	26675	16.52	17.5	0-3
			7	1851.5	26055	16.50	17.5	0-3
				1882.5	26365	16.51	17.5	0-3
				1913.5	26675	16.50	17.5	0-3
		15RB		1851.5	26055	16.58	17.5	0-3
				1882.5	26365	16.49	17.5	0-3
				1913.5	26675	16.55	17.5	0-3

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FDD Band 25 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	26047	19.98	20.5	0
				1882.5	26365	19.95	20.5	0
				1914.3	26683	19.75	20.5	0
			2	1850.7	26047	19.55	20.5	0
				1882.5	26365	19.75	20.5	0
				1914.3	26683	19.65	20.5	0
			5	1850.7	26047	19.98	20.5	0
				1882.5	26365	19.86	20.5	0
				1914.3	26683	19.77	20.5	0
		3 RB	0	1850.7	26047	18.78	19.5	0
				1882.5	26365	18.74	19.5	0
				1914.3	26683	18.69	19.5	0
			2	1850.7	26047	18.64	19.5	0
				1882.5	26365	18.68	19.5	0
				1914.3	26683	18.63	19.5	0
			3	1850.7	26047	18.57	19.5	0
				1882.5	26365	18.79	19.5	0
				1914.3	26683	18.56	19.5	0
		6RB		1850.7	26047	18.83	19.5	0-1
				1882.5	26365	18.66	19.5	0-1
				1914.3	26683	18.76	19.5	0-1
	16-QAM	1 RB	0	1850.7	26047	18.92	19.5	0-1
				1882.5	26365	18.67	19.5	0-1
				1914.3	26683	19.02	19.5	0-1
			2	1850.7	26047	18.92	19.5	0-1
				1882.5	26365	18.72	19.5	0-1
				1914.3	26683	18.74	19.5	0-1
			5	1850.7	26047	19.09	19.5	0-1
				1882.5	26365	18.95	19.5	0-1
				1914.3	26683	18.91	19.5	0-1
		3 RB	0	1850.7	26047	17.76	18.5	0-1
				1882.5	26365	17.64	18.5	0-1
				1914.3	26683	17.66	18.5	0-1
			2	1850.7	26047	17.67	18.5	0-1
				1882.5	26365	17.79	18.5	0-1
				1914.3	26683	17.72	18.5	0-1
			3	1850.7	26047	17.71	18.5	0-1
				1882.5	26365	17.77	18.5	0-1
				1914.3	26683	17.65	18.5	0-1
		6RB		1850.7	26047	17.65	18.5	0-2
				1882.5	26365	17.63	18.5	0-2
				1914.3	26683	17.72	18.5	0-2

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FDD Band 25 (Reduced Power)								
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	18.18	18.5	0-2
				1882.5	26365	18.02	18.5	0-2
				1914.3	26683	17.89	18.5	0-2
			2	1850.7	26047	17.89	18.5	0-2
				1882.5	26365	17.58	18.5	0-2
				1914.3	26683	17.71	18.5	0-2
			5	1850.7	26047	17.94	18.5	0-2
				1882.5	26365	17.97	18.5	0-2
				1914.3	26683	17.81	18.5	0-2
		3 RB	0	1850.7	26047	16.64	17.5	0-2
				1882.5	26365	16.61	17.5	0-2
				1914.3	26683	16.69	17.5	0-2
			2	1850.7	26047	16.64	17.5	0-2
				1882.5	26365	16.69	17.5	0-2
				1914.3	26683	16.41	17.5	0-2
			3	1850.7	26047	16.42	17.5	0-2
				1882.5	26365	16.44	17.5	0-2
				1914.3	26683	16.44	17.5	0-2
		6RB		1850.7	26047	16.52	17.5	0-3
				1882.5	26365	16.43	17.5	0-3
				1914.3	26683	16.66	17.5	0-3

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FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	821.5	26765	24.79	25	0
				831.5	26865	23.92	25	0
				841.5	26965	24.32	25	0
			36	821.5	26765	24.92	25	0
				831.5	26865	23.99	25	0
				841.5	26965	24.04	25	0
			74	821.5	26765	24.81	25	0
				831.5	26865	23.92	25	0
				841.5	26965	24.36	25	0
		36 RB	0	821.5	26765	23.88	24	0-1
				831.5	26865	22.05	24	0-1
				841.5	26965	23.02	24	0-1
			18	821.5	26765	23.88	24	0-1
				831.5	26865	22.11	24	0-1
				841.5	26965	22.95	24	0-1
			37	821.5	26765	23.94	24	0-1
				831.5	26865	22.08	24	0-1
				841.5	26965	23.00	24	0-1
		75RB		821.5	26765	23.85	24	0-1
				831.5	26865	22.85	24	0-1
				841.5	26965	22.92	24	0-1
	16-QAM	1 RB	0	821.5	26765	22.58	24	0-1
				831.5	26865	23.63	24	0-1
				841.5	26965	22.24	24	0-1
			36	821.5	26765	23.11	24	0-1
				831.5	26865	23.69	24	0-1
				841.5	26965	22.23	24	0-1
			74	821.5	26765	23.14	24	0-1
				831.5	26865	23.67	24	0-1
				841.5	26965	22.07	24	0-1
		36 RB	0	821.5	26765	21.87	23	0-2
				831.5	26865	22.89	23	0-2
				841.5	26965	21.03	23	0-2
			18	821.5	26765	22.04	23	0-2
				831.5	26865	22.83	23	0-2
				841.5	26965	21.08	23	0-2
			37	821.5	26765	22.16	23	0-2
				831.5	26865	22.85	23	0-2
				841.5	26965	21.72	23	0-2
		75RB		821.5	26765	21.92	23	0-2
				831.5	26865	22.89	23	0-2
				841.5	26965	21.38	23	0-2

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FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	821.5	26765	21.59	23	0-2
				831.5	26865	22.75	23	0-2
				841.5	26965	21.43	23	0-2
			36	821.5	26765	22.18	23	0-2
				831.5	26865	22.87	23	0-2
				841.5	26965	21.41	23	0-2
			74	821.5	26765	22.27	23	0-2
				831.5	26865	22.85	23	0-2
				841.5	26965	21.23	23	0-2
		36 RB	0	821.5	26765	20.97	22	0-3
				831.5	26865	21.93	22	0-3
				841.5	26965	20.06	22	0-3
			18	821.5	26765	21.22	22	0-3
				831.5	26865	21.93	22	0-3
				841.5	26965	20.14	22	0-3
			37	821.5	26765	21.20	22	0-3
				831.5	26865	21.94	22	0-3
				841.5	26965	20.76	22	0-3
		75RB		821.5	26765	21.04	22	0-3
				831.5	26865	21.94	22	0-3
				841.5	26965	20.44	22	0-3

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FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	819	26740	24.76	25	0
				831.5	26865	23.88	25	0
				844	26990	24.26	25	0
			25	819	26740	24.68	25	0
				831.5	26865	23.78	25	0
				844	26990	23.96	25	0
			49	819	26740	24.71	25	0
				831.5	26865	23.74	25	0
				844	26990	24.29	25	0
		25 RB	0	819	26740	23.83	24	0-1
				831.5	26865	22.88	24	0-1
				844	26990	22.81	24	0-1
			12	819	26740	23.83	24	0-1
				831.5	26865	22.07	24	0-1
				844	26990	22.80	24	0-1
			25	819	26740	23.89	24	0-1
				831.5	26865	22.01	24	0-1
				844	26990	22.91	24	0-1
		50RB		819	26740	23.64	24	0-1
				831.5	26865	22.73	24	0-1
				844	26990	22.71	24	0-1
	16-QAM	1 RB	0	819	26740	22.53	24	0-1
				831.5	26865	23.46	24	0-1
				844	26990	22.21	24	0-1
			25	819	26740	22.97	24	0-1
				831.5	26865	23.56	24	0-1
				844	26990	22.21	24	0-1
			49	819	26740	23.07	24	0-1
				831.5	26865	23.65	24	0-1
				844	26990	22.78	24	0-1
		25 RB	0	819	26740	21.77	23	0-2
				831.5	26865	22.82	23	0-2
				844	26990	21.82	23	0-2
			12	819	26740	21.94	23	0-2
				831.5	26865	22.75	23	0-2
				844	26990	21.91	23	0-2
			25	819	26740	22.01	23	0-2
				831.5	26865	22.74	23	0-2
				844	26990	21.69	23	0-2
		50RB		819	26740	21.76	23	0-2
				831.5	26865	22.86	23	0-2
				844	26990	21.26	23	0-2

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FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	819	26740	21.57	23	0-2
				831.5	26865	22.70	23	0-2
				844	26990	21.38	23	0-2
			25	819	26740	22.01	23	0-2
				831.5	26865	22.73	23	0-2
				844	26990	21.28	23	0-2
			49	819	26740	22.13	23	0-2
				831.5	26865	22.66	23	0-2
				844	26990	21.16	23	0-2
		25 RB	0	819	26740	20.78	22	0-3
				831.5	26865	21.90	22	0-3
				844	26990	20.91	22	0-3
			12	819	26740	21.01	22	0-3
				831.5	26865	21.80	22	0-3
				844	26990	20.06	22	0-3
			25	819	26740	21.17	22	0-3
				831.5	26865	21.74	22	0-3
				844	26990	20.57	22	0-3
		50RB		819	26740	20.99	22	0-3
				831.5	26865	21.83	22	0-3
				844	26990	20.34	22	0-3

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FDD Band 26 (Full power)								
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	24.69	25	0
				831.5	26865	23.82	25	0
				846.5	27015	24.08	25	0
			12	816.5	26715	24.59	25	0
				831.5	26865	23.62	25	0
				846.5	27015	23.84	25	0
			24	816.5	26715	24.63	25	0
				831.5	26865	23.59	25	0
				846.5	27015	24.12	25	0
		12 RB	0	816.5	26715	23.69	24	0-1
				831.5	26865	22.68	24	0-1
				846.5	27015	22.61	24	0-1
			6	816.5	26715	23.67	24	0-1
				831.5	26865	22.94	24	0-1
				846.5	27015	22.63	24	0-1
			13	816.5	26715	23.71	24	0-1
				831.5	26865	22.82	24	0-1
				846.5	27015	22.73	24	0-1
		25RB		816.5	26715	23.48	24	0-1
				831.5	26865	22.71	24	0-1
				846.5	27015	22.55	24	0-1
	16-QAM	1 RB	0	815.5	26705	22.33	24	0-1
				831.5	26865	23.41	24	0-1
				847.5	27025	22.04	24	0-1
			12	815.5	26705	22.77	24	0-1
				831.5	26865	23.35	24	0-1
				847.5	27025	22.18	24	0-1
			24	815.5	26705	23.01	24	0-1
				831.5	26865	23.51	24	0-1
				847.5	27025	22.70	24	0-1
		12 RB	0	815.5	26705	21.60	23	0-2
				831.5	26865	22.80	23	0-2
				847.5	27025	21.65	23	0-2
			6	815.5	26705	21.91	23	0-2
				831.5	26865	22.58	23	0-2
				847.5	27025	21.89	23	0-2
			13	815.5	26705	21.98	23	0-2
				831.5	26865	22.67	23	0-2
				847.5	27025	21.52	23	0-2
		25RB		815.5	26705	21.56	23	0-2
				831.5	26865	22.82	23	0-2
				847.5	27025	21.11	23	0-2

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FDD Band 26 (Full power)								
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	815.5	26705	21.52	23	0-2
				831.5	26865	22.64	23	0-2
				847.5	27025	21.22	23	0-2
			12	815.5	26705	21.98	23	0-2
				831.5	26865	22.69	23	0-2
				847.5	27025	21.13	23	0-2
			24	815.5	26705	22.04	23	0-2
				831.5	26865	22.48	23	0-2
				847.5	27025	21.03	23	0-2
		12 RB	0	815.5	26705	20.61	22	0-3
				831.5	26865	21.81	22	0-3
				847.5	27025	20.78	22	0-3
			6	815.5	26705	20.88	22	0-3
				831.5	26865	21.63	22	0-3
				847.5	27025	20.96	22	0-3
			13	815.5	26705	21.13	22	0-3
				831.5	26865	21.64	22	0-3
				847.5	27025	20.47	22	0-3
		25RB		815.5	26705	20.93	22	0-3
				831.5	26865	21.68	22	0-3
				847.5	27025	20.19	22	0-3

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FDD Band 26 (Full power)								
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	24.55	25	0
				831.5	26865	23.70	25	0
				847.5	27025	23.90	25	0
			7	815.5	26705	24.54	25	0
				831.5	26865	23.45	25	0
				847.5	27025	23.70	25	0
			14	815.5	26705	24.56	25	0
				831.5	26865	23.53	25	0
				847.5	27025	24.02	25	0
		8 RB	0	815.5	26705	23.48	24	0-1
				831.5	26865	22.47	24	0-1
				847.5	27025	22.54	24	0-1
			4	815.5	26705	23.55	24	0-1
				831.5	26865	22.88	24	0-1
				847.5	27025	22.48	24	0-1
			7	815.5	26705	23.68	24	0-1
				831.5	26865	22.79	24	0-1
				847.5	27025	22.70	24	0-1
		15RB		815.5	26705	23.42	24	0-1
				831.5	26865	22.65	24	0-1
				847.5	27025	22.38	24	0-1
	16-QAM	1 RB	0	815.5	26705	22.20	24	0-1
				831.5	26865	23.36	24	0-1
				847.5	27025	22.01	24	0-1
			7	815.5	26705	22.57	24	0-1
				831.5	26865	23.16	24	0-1
				847.5	27025	22.07	24	0-1
			14	815.5	26705	22.84	24	0-1
				831.5	26865	23.40	24	0-1
				847.5	27025	22.68	24	0-1
		8 RB	0	815.5	26705	21.52	23	0-2
				831.5	26865	22.59	23	0-2
				847.5	27025	21.61	23	0-2
			4	815.5	26705	21.88	23	0-2
				831.5	26865	22.43	23	0-2
				847.5	27025	21.80	23	0-2
			7	815.5	26705	21.96	23	0-2
				831.5	26865	22.63	23	0-2
				847.5	27025	21.44	23	0-2
		15RB		815.5	26705	21.36	23	0-2
				831.5	26865	22.70	23	0-2
				847.5	27025	21.02	23	0-2

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FDD Band 26 (Full power)								
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	21.34	23	0-2
				831.5	26865	22.45	23	0-2
				847.5	27025	21.17	23	0-2
			7	815.5	26705	21.95	23	0-2
				831.5	26865	22.49	23	0-2
				847.5	27025	21.05	23	0-2
			14	815.5	26705	21.85	23	0-2
				831.5	26865	22.43	23	0-2
				847.5	27025	21.86	23	0-2
		8 RB	0	815.5	26705	20.43	22	0-3
				831.5	26865	21.73	22	0-3
				847.5	27025	20.58	22	0-3
			4	815.5	26705	20.76	22	0-3
				831.5	26865	21.53	22	0-3
				847.5	27025	20.79	22	0-3
			7	815.5	26705	21.11	22	0-3
				831.5	26865	21.59	22	0-3
				847.5	27025	20.34	22	0-3
		15RB		815.5	26705	20.85	22	0-3
				831.5	26865	21.62	22	0-3
				847.5	27025	20.09	22	0-3

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 26 (Full power)								
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	24.66	25	0
				831.5	26865	23.09	25	0
				848.3	27033	24.12	25	0
			2	814.7	26697	24.78	25	0
				831.5	26865	23.96	25	0
				848.3	27033	24.36	25	0
			5	814.7	26697	24.59	25	0
				831.5	26865	23.87	25	0
				848.3	27033	24.18	25	0
		3 RB	0	814.7	26697	23.81	24	0-1
				831.5	26865	23.08	24	0-1
				848.3	27033	23.89	24	0-1
			2	814.7	26697	23.78	24	0-1
				831.5	26865	22.97	24	0-1
				848.3	27033	23.92	24	0-1
			3	814.7	26697	23.68	24	0-1
				831.5	26865	22.96	24	0-1
				848.3	27033	23.80	24	0-1
		6RB		814.7	26697	23.72	24	0-1
				831.5	26865	22.86	24	0-1
				848.3	27033	23.03	24	0-1
	16-QAM	1 RB	0	814.7	26697	23.57	24	0-1
				831.5	26865	23.72	24	0-1
				848.3	27033	23.16	24	0-1
			2	814.7	26697	23.18	24	0-1
				831.5	26865	23.76	24	0-1
				848.3	27033	22.75	24	0-1
			5	814.7	26697	23.73	24	0-1
				831.5	26865	23.67	24	0-1
				848.3	27033	22.88	24	0-1
		3 RB	0	814.7	26697	21.72	23	0-1
				831.5	26865	22.84	23	0-1
				848.3	27033	21.12	23	0-1
			2	814.7	26697	21.87	23	0-1
				831.5	26865	22.82	23	0-1
				848.3	27033	21.19	23	0-1
			3	814.7	26697	21.80	23	0-1
				831.5	26865	22.88	23	0-1
				848.3	27033	21.10	23	0-1
		6RB		814.7	26697	21.21	23	0-2
				831.5	26865	21.78	23	0-2
				848.3	27033	21.92	23	0-2

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FDD Band 26 (Full power)								
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	22.61	23	0-2
				831.5	26865	22.85	23	0-2
				848.3	27033	22.18	23	0-2
			2	814.7	26697	22.38	23	0-2
				831.5	26865	22.80	23	0-2
				848.3	27033	21.86	23	0-2
			5	814.7	26697	22.93	23	0-2
				831.5	26865	22.69	23	0-2
				848.3	27033	22.08	23	0-2
		3 RB	0	814.7	26697	21.39	23	0-2
				831.5	26865	22.00	23	0-2
				848.3	27033	21.34	23	0-2
			2	814.7	26697	21.04	23	0-2
				831.5	26865	21.90	23	0-2
				848.3	27033	21.38	23	0-2
			3	814.7	26697	21.93	23	0-2
				831.5	26865	22.06	23	0-2
				848.3	27033	21.28	23	0-2
		6RB		814.7	26697	20.31	22	0-3
				831.5	26865	20.84	22	0-3
				848.3	27033	21.10	22	0-3

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FDD Band 26 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	821.5	26765	24.14	24.5	0
				831.5	26865	24.18	24.5	0
				841.5	26965	24.21	24.5	0
			36	821.5	26765	24.32	24.5	0
				831.5	26865	24.25	24.5	0
				841.5	26965	24.23	24.5	0
			74	821.5	26765	24.29	24.5	0
				831.5	26865	24.19	24.5	0
				841.5	26965	24.26	24.5	0
		36 RB	0	821.5	26765	23.22	23.5	0-1
				831.5	26865	23.29	23.5	0-1
				841.5	26965	23.27	23.5	0-1
			18	821.5	26765	23.28	23.5	0-1
				831.5	26865	23.31	23.5	0-1
				841.5	26965	23.22	23.5	0-1
			37	821.5	26765	23.36	23.5	0-1
				831.5	26865	23.24	23.5	0-1
				841.5	26965	23.26	23.5	0-1
		75RB		821.5	26765	23.26	23.5	0-1
				831.5	26865	23.14	23.5	0-1
				841.5	26965	23.17	23.5	0-1
	16-QAM	1 RB	0	821.5	26765	23.11	23.5	0-1
				831.5	26865	23.15	23.5	0-1
				841.5	26965	23.15	23.5	0-1
			36	821.5	26765	23.21	23.5	0-1
				831.5	26865	23.21	23.5	0-1
				841.5	26965	23.17	23.5	0-1
			74	821.5	26765	23.22	23.5	0-1
				831.5	26865	23.18	23.5	0-1
				841.5	26965	23.02	23.5	0-1
		36 RB	0	821.5	26765	21.97	22.5	0-2
				831.5	26865	21.97	22.5	0-2
				841.5	26965	21.88	22.5	0-2
			18	821.5	26765	22.02	22.5	0-2
				831.5	26865	22.02	22.5	0-2
				841.5	26965	21.87	22.5	0-2
			37	821.5	26765	22.04	22.5	0-2
				831.5	26865	21.97	22.5	0-2
				841.5	26965	21.97	22.5	0-2
		75RB		821.5	26765	21.94	22.5	0-2
				831.5	26865	21.96	22.5	0-2
				841.5	26965	21.89	22.5	0-2

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 26 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	821.5	26765	22.02	22.5	0-2
				831.5	26865	22.14	22.5	0-2
				841.5	26965	22.13	22.5	0-2
			36	821.5	26765	22.19	22.5	0-2
				831.5	26865	22.17	22.5	0-2
				841.5	26965	22.16	22.5	0-2
			74	821.5	26765	22.16	22.5	0-2
				831.5	26865	22.07	22.5	0-2
				841.5	26965	22.08	22.5	0-2
		36 RB	0	821.5	26765	21.02	21.5	0-3
				831.5	26865	21.05	21.5	0-3
				841.5	26965	20.93	21.5	0-3
			18	821.5	26765	21.03	21.5	0-3
				831.5	26865	21.08	21.5	0-3
				841.5	26965	20.97	21.5	0-3
			37	821.5	26765	21.11	21.5	0-3
				831.5	26865	21.02	21.5	0-3
				841.5	26965	20.99	21.5	0-3
		75RB		821.5	26765	20.95	21.5	0-3
				831.5	26865	20.99	21.5	0-3
				841.5	26965	20.92	21.5	0-3

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FDD Band 26 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	819	26740	24.04	24.5	0
				831.5	26865	24.08	24.5	0
				844	26990	24.15	24.5	0
			25	819	26740	24.21	24.5	0
				831.5	26865	24.22	24.5	0
				844	26990	24.14	24.5	0
			49	819	26740	24.17	24.5	0
				831.5	26865	24.14	24.5	0
				844	26990	24.23	24.5	0
		25 RB	0	819	26740	23.13	23.5	0-1
				831.5	26865	23.24	23.5	0-1
				844	26990	23.23	23.5	0-1
			12	819	26740	23.17	23.5	0-1
				831.5	26865	23.27	23.5	0-1
				844	26990	23.12	23.5	0-1
			25	819	26740	23.21	23.5	0-1
				831.5	26865	23.22	23.5	0-1
				844	26990	23.18	23.5	0-1
		50RB		819	26740	23.19	23.5	0-1
				831.5	26865	23.08	23.5	0-1
				844	26990	23.06	23.5	0-1
	16-QAM	1 RB	0	819	26740	23.04	23.5	0-1
				831.5	26865	23.06	23.5	0-1
				844	26990	23.09	23.5	0-1
			25	819	26740	23.17	23.5	0-1
				831.5	26865	23.17	23.5	0-1
				844	26990	23.11	23.5	0-1
			49	819	26740	23.11	23.5	0-1
				831.5	26865	23.07	23.5	0-1
				844	26990	22.95	23.5	0-1
		25 RB	0	819	26740	21.92	22.5	0-2
				831.5	26865	21.93	22.5	0-2
				844	26990	21.78	22.5	0-2
			12	819	26740	21.91	22.5	0-2
				831.5	26865	21.94	22.5	0-2
				844	26990	21.83	22.5	0-2
			25	819	26740	21.94	22.5	0-2
				831.5	26865	21.91	22.5	0-2
				844	26990	21.91	22.5	0-2
		50RB		819	26740	21.89	22.5	0-2
				831.5	26865	21.89	22.5	0-2
				844	26990	21.85	22.5	0-2

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FDD Band 26 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	819	26740	21.91	22.5	0-2
				831.5	26865	22.08	22.5	0-2
				844	26990	22.09	22.5	0-2
			25	819	26740	22.11	22.5	0-2
				831.5	26865	22.04	22.5	0-2
				844	26990	22.04	22.5	0-2
			49	819	26740	22.12	22.5	0-2
				831.5	26865	22.04	22.5	0-2
				844	26990	22.02	22.5	0-2
		25 RB	0	819	26740	20.92	21.5	0-3
				831.5	26865	20.96	21.5	0-3
				844	26990	20.84	21.5	0-3
			12	819	26740	20.95	21.5	0-3
				831.5	26865	21.01	21.5	0-3
				844	26990	20.94	21.5	0-3
			25	819	26740	21.08	21.5	0-3
				831.5	26865	20.91	21.5	0-3
				844	26990	20.87	21.5	0-3
		50RB		819	26740	20.91	21.5	0-3
				831.5	26865	20.92	21.5	0-3
				844	26990	20.81	21.5	0-3

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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FDD Band 26 (Reduced Power)								
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	23.95	24.5	0
				831.5	26865	24.03	24.5	0
				846.5	27015	24.09	24.5	0
			12	816.5	26715	24.13	24.5	0
				831.5	26865	24.19	24.5	0
				846.5	27015	24.03	24.5	0
			24	816.5	26715	24.11	24.5	0
				831.5	26865	24.09	24.5	0
				846.5	27015	24.21	24.5	0
		12 RB	0	816.5	26715	23.05	23.5	0-1
				831.5	26865	23.20	23.5	0-1
				846.5	27015	23.17	23.5	0-1
			6	816.5	26715	23.09	23.5	0-1
				831.5	26865	23.24	23.5	0-1
				846.5	27015	23.07	23.5	0-1
			13	816.5	26715	23.19	23.5	0-1
				831.5	26865	23.11	23.5	0-1
				846.5	27015	23.07	23.5	0-1
		25RB		816.5	26715	23.07	23.5	0-1
				831.5	26865	23.02	23.5	0-1
				846.5	27015	22.95	23.5	0-1
	16-QAM	1 RB	0	815.5	26705	22.92	23.5	0-1
				831.5	26865	22.95	23.5	0-1
				847.5	27025	23.02	23.5	0-1
			12	815.5	26705	23.14	23.5	0-1
				831.5	26865	23.12	23.5	0-1
				847.5	27025	23.03	23.5	0-1
			24	815.5	26705	23.05	23.5	0-1
				831.5	26865	22.98	23.5	0-1
				847.5	27025	22.91	23.5	0-1
		12 RB	0	815.5	26705	21.81	22.5	0-2
				831.5	26865	21.78	22.5	0-2
				847.5	27025	21.68	22.5	0-2
			6	815.5	26705	21.81	22.5	0-2
				831.5	26865	21.86	22.5	0-2
				847.5	27025	21.79	22.5	0-2
			13	815.5	26705	21.89	22.5	0-2
				831.5	26865	21.82	22.5	0-2
				847.5	27025	21.88	22.5	0-2
		25RB		815.5	26705	21.83	22.5	0-2
				831.5	26865	21.86	22.5	0-2
				847.5	27025	21.81	22.5	0-2

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FDD Band 26 (Reduced Power)								
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	815.5	26705	21.82	22.5	0-2
				831.5	26865	22.05	22.5	0-2
				847.5	27025	21.97	22.5	0-2
			12	815.5	26705	22.06	22.5	0-2
				831.5	26865	21.98	22.5	0-2
				847.5	27025	21.98	22.5	0-2
			24	815.5	26705	22.03	22.5	0-2
				831.5	26865	22.01	22.5	0-2
				847.5	27025	21.95	22.5	0-2
		12 RB	0	815.5	26705	20.80	21.5	0-3
				831.5	26865	20.90	21.5	0-3
				847.5	27025	20.78	21.5	0-3
			6	815.5	26705	20.87	21.5	0-3
				831.5	26865	20.97	21.5	0-3
				847.5	27025	20.84	21.5	0-3
			13	815.5	26705	21.02	21.5	0-3
				831.5	26865	20.85	21.5	0-3
				847.5	27025	20.78	21.5	0-3
		25RB		815.5	26705	20.88	21.5	0-3
				831.5	26865	20.86	21.5	0-3
				847.5	27025	20.72	21.5	0-3

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FDD Band 26 (Reduced Power)								
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	23.84	24.5	0
				831.5	26865	24.00	24.5	0
				847.5	27025	24.05	24.5	0
			7	815.5	26705	24.07	24.5	0
				831.5	26865	24.11	24.5	0
				847.5	27025	24.00	24.5	0
			14	815.5	26705	24.08	24.5	0
				831.5	26865	23.98	24.5	0
				847.5	27025	24.14	24.5	0
		8 RB	0	815.5	26705	22.97	23.5	0-1
				831.5	26865	23.11	23.5	0-1
				847.5	27025	23.06	23.5	0-1
			4	815.5	26705	23.06	23.5	0-1
				831.5	26865	23.13	23.5	0-1
				847.5	27025	22.96	23.5	0-1
			7	815.5	26705	23.11	23.5	0-1
				831.5	26865	22.99	23.5	0-1
				847.5	27025	23.01	23.5	0-1
		15RB		815.5	26705	23.00	23.5	0-1
				831.5	26865	22.93	23.5	0-1
				847.5	27025	22.89	23.5	0-1
	16-QAM	1 RB	0	815.5	26705	22.82	23.5	0-1
				831.5	26865	22.85	23.5	0-1
				847.5	27025	22.91	23.5	0-1
			7	815.5	26705	23.08	23.5	0-1
				831.5	26865	23.04	23.5	0-1
				847.5	27025	22.93	23.5	0-1
			14	815.5	26705	22.93	23.5	0-1
				831.5	26865	22.91	23.5	0-1
				847.5	27025	22.85	23.5	0-1
		8 RB	0	815.5	26705	21.71	22.5	0-2
				831.5	26865	21.69	22.5	0-2
				847.5	27025	21.57	22.5	0-2
			4	815.5	26705	21.78	22.5	0-2
				831.5	26865	21.82	22.5	0-2
				847.5	27025	21.68	22.5	0-2
			7	815.5	26705	21.79	22.5	0-2
				831.5	26865	21.69	22.5	0-2
				847.5	27025	21.85	22.5	0-2
		15RB		815.5	26705	21.75	22.5	0-2
				831.5	26865	21.78	22.5	0-2
				847.5	27025	21.70	22.5	0-2

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台灣檢驗科技股份有限公司

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f (886-2) 2298-0488

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FDD Band 26 (Reduced Power)								
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	21.75	22.5	0-2
				831.5	26865	21.93	22.5	0-2
				847.5	27025	21.87	22.5	0-2
			7	815.5	26705	21.95	22.5	0-2
				831.5	26865	21.93	22.5	0-2
				847.5	27025	21.87	22.5	0-2
			14	815.5	26705	21.94	22.5	0-2
				831.5	26865	21.97	22.5	0-2
				847.5	27025	21.83	22.5	0-2
		8 RB	0	815.5	26705	20.76	21.5	0-3
				831.5	26865	20.87	21.5	0-3
				847.5	27025	20.66	21.5	0-3
			4	815.5	26705	20.80	21.5	0-3
				831.5	26865	20.88	21.5	0-3
				847.5	27025	20.74	21.5	0-3
			7	815.5	26705	20.97	21.5	0-3
				831.5	26865	20.78	21.5	0-3
				847.5	27025	20.67	21.5	0-3
		15RB		815.5	26705	20.83	21.5	0-3
				831.5	26865	20.74	21.5	0-3
				847.5	27025	20.60	21.5	0-3

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FDD Band 26 (Reduced Power)								
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	23.91	24.5	0
				831.5	26865	23.92	24.5	0
				848.3	27033	23.93	24.5	0
			2	814.7	26697	23.96	24.5	0
				831.5	26865	24.00	24.5	0
				848.3	27033	23.91	24.5	0
			5	814.7	26697	24.00	24.5	0
				831.5	26865	23.95	24.5	0
				848.3	27033	24.10	24.5	0
		3 RB	0	814.7	26697	22.85	23.5	0-1
				831.5	26865	23.01	23.5	0-1
				848.3	27033	22.94	23.5	0-1
			2	814.7	26697	22.98	23.5	0-1
				831.5	26865	23.06	23.5	0-1
				848.3	27033	22.93	23.5	0-1
			3	814.7	26697	23.06	23.5	0-1
				831.5	26865	22.89	23.5	0-1
				848.3	27033	22.93	23.5	0-1
		6RB		814.7	26697	22.93	23.5	0-1
				831.5	26865	22.87	23.5	0-1
				848.3	27033	22.82	23.5	0-1
	16-QAM	1 RB	0	814.7	26697	22.76	23.5	0-1
				831.5	26865	22.80	23.5	0-1
				848.3	27033	22.79	23.5	0-1
			2	814.7	26697	22.98	23.5	0-1
				831.5	26865	22.92	23.5	0-1
				848.3	27033	22.87	23.5	0-1
			5	814.7	26697	22.84	23.5	0-1
				831.5	26865	22.85	23.5	0-1
				848.3	27033	22.82	23.5	0-1
		3 RB	0	814.7	26697	21.64	22.5	0-1
				831.5	26865	21.60	22.5	0-1
				848.3	27033	21.51	22.5	0-1
			2	814.7	26697	21.70	22.5	0-1
				831.5	26865	21.71	22.5	0-1
				848.3	27033	21.61	22.5	0-1
			3	814.7	26697	21.73	22.5	0-1
				831.5	26865	21.65	22.5	0-1
				848.3	27033	21.73	22.5	0-1
		6RB		814.7	26697	21.65	22.5	0-2
				831.5	26865	21.67	22.5	0-2
				848.3	27033	21.67	22.5	0-2

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FDD Band 26 (Reduced Power)								
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	21.66	22.5	0-2
				831.5	26865	21.81	22.5	0-2
				848.3	27033	21.79	22.5	0-2
			2	814.7	26697	21.85	22.5	0-2
				831.5	26865	21.83	22.5	0-2
				848.3	27033	21.79	22.5	0-2
			5	814.7	26697	21.84	22.5	0-2
				831.5	26865	21.86	22.5	0-2
				848.3	27033	21.76	22.5	0-2
		3 RB	0	814.7	26697	20.72	22.5	0-2
				831.5	26865	20.81	22.5	0-2
				848.3	27033	20.63	22.5	0-2
			2	814.7	26697	20.71	22.5	0-2
				831.5	26865	20.85	22.5	0-2
				848.3	27033	20.66	22.5	0-2
			3	814.7	26697	20.93	22.5	0-2
				831.5	26865	20.75	22.5	0-2
				848.3	27033	20.62	22.5	0-2
		6RB		814.7	26697	20.77	21.5	0-3
				831.5	26865	20.71	21.5	0-3
				848.3	27033	20.56	21.5	0-3

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### LTE TDD Band 38 / Band 41 power table:

TDD Band 38 (Full Power)								
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	24.93	25	0
				2595	38000	23.32	25	0
				2610	38150	24.34	25	0
			50	2580	37850	24.96	25	0
				2595	38000	23.98	25	0
				2610	38150	24.17	25	0
			99	2580	37850	24.90	25	0
				2595	38000	23.32	25	0
				2610	38150	24.17	25	0
		50 RB	0	2580	37850	23.28	24	0-1
				2595	38000	22.13	24	0-1
				2610	38150	23.42	24	0-1
			25	2580	37850	23.09	24	0-1
				2595	38000	22.43	24	0-1
				2610	38150	23.46	24	0-1
			50	2580	37850	23.07	24	0-1
				2595	38000	22.22	24	0-1
				2610	38150	23.16	24	0-1
		100RB		2580	37850	22.34	24	0-1
				2595	38000	22.19	24	0-1
				2610	38150	23.23	24	0-1
	16-QAM	1 RB	0	2580	37850	23.18	24	0-1
				2595	38000	22.96	24	0-1
				2610	38150	23.24	24	0-1
			50	2580	37850	23.17	24	0-1
				2595	38000	22.99	24	0-1
				2610	38150	23.27	24	0-1
			99	2580	37850	23.16	24	0-1
				2595	38000	22.96	24	0-1
				2610	38150	22.99	24	0-1
		50 RB	0	2580	37850	21.36	23	0-2
				2595	38000	22.12	23	0-2
				2610	38150	22.47	23	0-2
			25	2580	37850	21.45	23	0-2
				2595	38000	21.34	23	0-2
				2610	38150	22.20	23	0-2
			50	2580	37850	22.15	23	0-2
				2595	38000	22.30	23	0-2
				2610	38150	22.40	23	0-2
		100RB		2580	37850	22.11	23	0-2
				2595	38000	21.35	23	0-2
				2610	38150	22.16	23	0-2

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TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2580	37850	21.16	23	0-2
				2595	38000	22.00	23	0-2
				2610	38150	22.45	23	0-2
			50	2580	37850	21.38	23	0-2
				2595	38000	21.32	23	0-2
				2610	38150	22.07	23	0-2
			99	2580	37850	22.03	23	0-2
				2595	38000	22.16	23	0-2
				2610	38150	22.37	23	0-2
		50 RB	0	2580	37850	20.89	22	0-3
				2595	38000	20.33	22	0-3
				2610	38150	20.94	22	0-3
			25	2580	37850	20.70	22	0-3
				2595	38000	21.12	22	0-3
				2610	38150	20.74	22	0-3
			50	2580	37850	20.69	22	0-3
				2595	38000	20.29	22	0-3
				2610	38150	20.85	22	0-3
		100RB		2580	37850	20.74	22	0-3
				2595	38000	21.19	22	0-3
				2610	38150	20.78	22	0-3

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TDD Band 38 (Full Power)								
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	24.85	25	0
				2595	38000	23.27	25	0
				2612.5	38175	24.16	25	0
			36	2577.5	37825	24.83	25	0
				2595	38000	23.87	25	0
				2612.5	38175	24.09	25	0
			74	2577.5	37825	24.69	25	0
				2595	38000	23.29	25	0
				2612.5	38175	23.97	25	0
		36 RB	0	2577.5	37825	23.08	24	0-1
				2595	38000	22.03	24	0-1
				2612.5	38175	23.33	24	0-1
			18	2577.5	37825	23.04	24	0-1
				2595	38000	22.36	24	0-1
				2612.5	38175	23.43	24	0-1
			37	2577.5	37825	23.05	24	0-1
				2595	38000	22.12	24	0-1
				2612.5	38175	23.09	24	0-1
		75RB		2577.5	37825	22.19	24	0-1
				2595	38000	22.17	24	0-1
				2612.5	38175	23.14	24	0-1
	16-QAM	1 RB	0	2577.5	37825	23.05	24	0-1
				2595	38000	22.84	24	0-1
				2612.5	38175	23.04	24	0-1
			36	2577.5	37825	22.96	24	0-1
				2595	38000	22.94	24	0-1
				2612.5	38175	23.24	24	0-1
			74	2577.5	37825	23.05	24	0-1
				2595	38000	22.93	24	0-1
				2612.5	38175	22.95	24	0-1
		36 RB	0	2577.5	37825	21.27	23	0-2
				2595	38000	21.99	23	0-2
				2612.5	38175	22.30	23	0-2
			18	2577.5	37825	21.27	23	0-2
				2595	38000	21.24	23	0-2
				2612.5	38175	22.17	23	0-2
			37	2577.5	37825	21.99	23	0-2
				2595	38000	22.22	23	0-2
				2612.5	38175	22.33	23	0-2
		75RB		2577.5	37825	21.98	23	0-2
				2595	38000	21.16	23	0-2
				2612.5	38175	21.99	23	0-2

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TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2577.5	37825	21.03	23	0-2
				2595	38000	21.83	23	0-2
				2612.5	38175	22.30	23	0-2
			36	2577.5	37825	21.17	23	0-2
				2595	38000	21.27	23	0-2
				2612.5	38175	22.04	23	0-2
			74	2577.5	37825	21.98	23	0-2
				2595	38000	21.99	23	0-2
				2612.5	38175	22.24	23	0-2
		36 RB	0	2577.5	37825	20.87	22	0-3
				2595	38000	20.13	22	0-3
				2612.5	38175	20.92	22	0-3
			18	2577.5	37825	20.56	22	0-3
				2595	38000	21.08	22	0-3
				2612.5	38175	20.67	22	0-3
			37	2577.5	37825	20.50	22	0-3
				2595	38000	20.17	22	0-3
				2612.5	38175	20.64	22	0-3
		75RB		2577.5	37825	20.66	22	0-3
				2595	38000	21.03	22	0-3
				2612.5	38175	20.73	22	0-3

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TDD Band 38 (Full Power)								
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	24.65	25	0
				2595	38000	23.08	25	0
				2615	38200	24.08	25	0
			25	2575	37800	24.75	25	0
				2595	38000	23.69	25	0
				2615	38200	24.06	25	0
			49	2575	37800	24.49	25	0
				2595	38000	23.14	25	0
				2615	38200	23.94	25	0
		25 RB	0	2575	37800	23.05	24	0-1
				2595	38000	22.34	24	0-1
				2615	38200	23.18	24	0-1
			12	2575	37800	22.92	24	0-1
				2595	38000	22.17	24	0-1
				2615	38200	23.34	24	0-1
			25	2575	37800	23.02	24	0-1
				2595	38000	22.05	24	0-1
				2615	38200	22.89	24	0-1
		50RB		2575	37800	22.05	24	0-1
				2595	38000	22.06	24	0-1
				2615	38200	23.09	24	0-1
	16-QAM	1 RB	0	2575	37800	22.95	24	0-1
				2595	38000	22.76	24	0-1
				2615	38200	22.84	24	0-1
			25	2575	37800	22.89	24	0-1
				2595	38000	22.88	24	0-1
				2615	38200	23.06	24	0-1
			49	2575	37800	23.03	24	0-1
				2595	38000	22.77	24	0-1
				2615	38200	22.91	24	0-1
		25 RB	0	2575	37800	21.11	23	0-2
				2595	38000	21.79	23	0-2
				2615	38200	22.10	23	0-2
			12	2575	37800	21.12	23	0-2
				2595	38000	21.07	23	0-2
				2615	38200	22.07	23	0-2
			25	2575	37800	21.89	23	0-2
				2595	38000	22.07	23	0-2
				2615	38200	22.14	23	0-2
		50RB		2575	37800	21.81	23	0-2
				2595	38000	21.12	23	0-2
				2615	38200	21.97	23	0-2

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TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2575	37800	21.71	23	0-2
				2595	38000	21.81	23	0-2
				2615	38200	22.19	23	0-2
			25	2575	37800	21.13	23	0-2
				2595	38000	21.16	23	0-2
				2615	38200	21.83	23	0-2
			49	2575	37800	21.93	23	0-2
				2595	38000	21.84	23	0-2
				2615	38200	22.16	23	0-2
		25 RB	0	2575	37800	20.72	22	0-3
				2595	38000	21.43	22	0-3
				2615	38200	20.73	22	0-3
			12	2575	37800	20.38	22	0-3
				2595	38000	21.03	22	0-3
				2615	38200	20.63	22	0-3
			25	2575	37800	20.46	22	0-3
				2595	38000	20.08	22	0-3
				2615	38200	20.60	22	0-3
		50RB		2575	37800	20.60	22	0-3
				2595	38000	20.88	22	0-3
				2615	38200	20.71	22	0-3

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TDD Band 38 (Full Power)								
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	24.10	25	0
				2595	38000	23.14	25	0
				2617.5	38225	23.53	25	0
			12	2572.5	37775	24.39	25	0
				2595	38000	23.19	25	0
				2617.5	38225	23.45	25	0
			24	2572.5	37775	24.42	25	0
				2595	38000	23.39	25	0
				2617.5	38225	23.90	25	0
		12 RB	0	2572.5	37775	23.58	24	0-1
				2595	38000	22.18	24	0-1
				2617.5	38225	22.57	24	0-1
			6	2572.5	37775	23.55	24	0-1
				2595	38000	22.17	24	0-1
				2617.5	38225	22.51	24	0-1
			13	2572.5	37775	23.45	24	0-1
				2595	38000	22.31	24	0-1
				2617.5	38225	22.50	24	0-1
		25RB		2572.5	37775	23.59	24	0-1
				2595	38000	22.31	24	0-1
				2617.5	38225	22.57	24	0-1
	16-QAM	1 RB	0	2572.5	37775	23.56	24	0-1
				2595	38000	23.59	24	0-1
				2617.5	38225	22.84	24	0-1
			12	2572.5	37775	23.57	24	0-1
				2595	38000	23.42	24	0-1
				2617.5	38225	22.97	24	0-1
			24	2572.5	37775	23.42	24	0-1
				2595	38000	23.24	24	0-1
				2617.5	38225	22.73	24	0-1
		12 RB	0	2572.5	37775	22.66	23	0-2
				2595	38000	22.56	23	0-2
				2617.5	38225	21.69	23	0-2
			6	2572.5	37775	22.60	23	0-2
				2595	38000	22.32	23	0-2
				2617.5	38225	21.40	23	0-2
			13	2572.5	37775	22.52	23	0-2
				2595	38000	22.43	23	0-2
				2617.5	38225	21.46	23	0-2
		25RB		2572.5	37775	22.50	23	0-2
				2595	38000	22.38	23	0-2
				2617.5	38225	21.56	23	0-2

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TDD Band 38 (Full Power)								
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	22.53	23	0-2
				2595	38000	22.52	23	0-2
				2617.5	38225	21.70	23	0-2
			12	2572.5	37775	22.23	23	0-2
				2595	38000	22.32	23	0-2
				2617.5	38225	21.72	23	0-2
			24	2572.5	37775	22.29	23	0-2
				2595	38000	22.52	23	0-2
				2617.5	38225	21.52	23	0-2
		12 RB	0	2572.5	37775	21.57	22	0-3
				2595	38000	21.54	22	0-3
				2617.5	38225	20.59	22	0-3
			6	2572.5	37775	21.54	22	0-3
				2595	38000	21.51	22	0-3
				2617.5	38225	20.34	22	0-3
			13	2572.5	37775	21.37	22	0-3
				2595	38000	21.19	22	0-3
				2617.5	38225	20.55	22	0-3
		25RB		2572.5	37775	21.32	22	0-3
				2595	38000	21.48	22	0-3
				2617.5	38225	20.43	22	0-3

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TDD Band 38 (Reduced Power)								
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	22.08	22.5	0
				2595	38000	22.27	22.5	0
				2610	38150	22.23	22.5	0
			50	2580	37850	22.28	22.5	0
				2595	38000	22.26	22.5	0
				2610	38150	22.18	22.5	0
			99	2580	37850	22.18	22.5	0
				2595	38000	22.21	22.5	0
				2610	38150	22.11	22.5	0
		50 RB	0	2580	37850	21.32	21.5	0-1
				2595	38000	21.35	21.5	0-1
				2610	38150	21.29	21.5	0-1
			25	2580	37850	21.31	21.5	0-1
				2595	38000	21.33	21.5	0-1
				2610	38150	21.38	21.5	0-1
			50	2580	37850	21.25	21.5	0-1
				2595	38000	21.26	21.5	0-1
				2610	38150	21.23	21.5	0-1
		100RB		2580	37850	21.32	21.5	0-1
				2595	38000	21.35	21.5	0-1
				2610	38150	21.37	21.5	0-1
	16-QAM	1 RB	0	2580	37850	21.27	21.5	0-1
				2595	38000	21.35	21.5	0-1
				2610	38150	21.33	21.5	0-1
			50	2580	37850	21.23	21.5	0-1
				2595	38000	21.37	21.5	0-1
				2610	38150	21.33	21.5	0-1
			99	2580	37850	21.32	21.5	0-1
				2595	38000	21.32	21.5	0-1
				2610	38150	21.23	21.5	0-1
		50 RB	0	2580	37850	20.33	20.5	0-2
				2595	38000	20.44	20.5	0-2
				2610	38150	20.33	20.5	0-2
			25	2580	37850	20.38	20.5	0-2
				2595	38000	20.38	20.5	0-2
				2610	38150	20.29	20.5	0-2
			50	2580	37850	20.36	20.5	0-2
				2595	38000	20.37	20.5	0-2
				2610	38150	20.32	20.5	0-2
		100RB		2580	37850	20.41	20.5	0-2
				2595	38000	20.41	20.5	0-2
				2610	38150	20.27	20.5	0-2

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f (886-2) 2298-0488

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TDD Band 38 (Reduced Power)								
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	20.07	20.5	0-2
				2595	38000	20.18	20.5	0-2
				2610	38150	20.12	20.5	0-2
			50	2580	37850	19.99	20.5	0-2
				2595	38000	20.11	20.5	0-2
				2610	38150	20.02	20.5	0-2
			99	2580	37850	20.09	20.5	0-2
				2595	38000	20.08	20.5	0-2
				2610	38150	19.97	20.5	0-2
		50 RB	0	2580	37850	19.34	19.5	0-3
				2595	38000	19.47	19.5	0-3
				2610	38150	19.28	19.5	0-3
			25	2580	37850	19.46	19.5	0-3
				2595	38000	19.44	19.5	0-3
				2610	38150	19.36	19.5	0-3
			50	2580	37850	19.34	19.5	0-3
				2595	38000	19.39	19.5	0-3
				2610	38150	19.39	19.5	0-3
		100RB		2580	37850	19.44	19.5	0-3
				2595	38000	19.45	19.5	0-3
				2610	38150	19.25	19.5	0-3

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TDD Band 38 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2577.5	37825	21.98	22.5	0
				2595	38000	22.11	22.5	0
				2612.5	38175	22.09	22.5	0
			36	2577.5	37825	22.17	22.5	0
				2595	38000	22.18	22.5	0
				2612.5	38175	21.99	22.5	0
			74	2577.5	37825	22.10	22.5	0
				2595	38000	22.03	22.5	0
				2612.5	38175	22.06	22.5	0
		36 RB	0	2577.5	37825	21.21	21.5	0-1
				2595	38000	21.15	21.5	0-1
				2612.5	38175	21.13	21.5	0-1
			18	2577.5	37825	21.28	21.5	0-1
				2595	38000	21.14	21.5	0-1
				2612.5	38175	21.20	21.5	0-1
			37	2577.5	37825	21.19	21.5	0-1
				2595	38000	21.14	21.5	0-1
				2612.5	38175	21.02	21.5	0-1
			75RB	2577.5	37825	21.26	21.5	0-1
				2595	38000	21.27	21.5	0-1
				2612.5	38175	21.34	21.5	0-1
	16-QAM	1 RB	0	2577.5	37825	21.13	21.5	0-1
				2595	38000	21.14	21.5	0-1
				2612.5	38175	21.24	21.5	0-1
			36	2577.5	37825	21.13	21.5	0-1
				2595	38000	21.20	21.5	0-1
				2612.5	38175	21.24	21.5	0-1
			74	2577.5	37825	21.22	21.5	0-1
				2595	38000	21.29	21.5	0-1
				2612.5	38175	21.04	21.5	0-1
		36 RB	0	2577.5	37825	20.12	20.5	0-2
				2595	38000	20.38	20.5	0-2
				2612.5	38175	20.23	20.5	0-2
			18	2577.5	37825	20.28	20.5	0-2
				2595	38000	20.21	20.5	0-2
				2612.5	38175	20.21	20.5	0-2
			37	2577.5	37825	20.16	20.5	0-2
				2595	38000	20.32	20.5	0-2
				2612.5	38175	20.11	20.5	0-2
			75RB	2577.5	37825	20.32	20.5	0-2
				2595	38000	20.32	20.5	0-2
				2612.5	38175	20.17	20.5	0-2

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TDD Band 38 (Reduced Power)								
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	19.88	20.5	0-2
				2595	38000	20.06	20.5	0-2
				2612.5	38175	19.97	20.5	0-2
			36	2577.5	37825	19.90	20.5	0-2
				2595	38000	20.08	20.5	0-2
				2612.5	38175	19.84	20.5	0-2
			74	2577.5	37825	20.03	20.5	0-2
				2595	38000	20.00	20.5	0-2
				2612.5	38175	19.86	20.5	0-2
		36 RB	0	2577.5	37825	19.24	19.5	0-3
				2595	38000	19.27	19.5	0-3
				2612.5	38175	19.06	19.5	0-3
			18	2577.5	37825	19.37	19.5	0-3
				2595	38000	19.22	19.5	0-3
				2612.5	38175	19.24	19.5	0-3
			37	2577.5	37825	19.17	19.5	0-3
				2595	38000	19.26	19.5	0-3
				2612.5	38175	19.32	19.5	0-3
		75RB		2577.5	37825	19.33	19.5	0-3
				2595	38000	19.34	19.5	0-3
				2612.5	38175	19.04	19.5	0-3

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f (886-2) 2298-0488

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TDD Band 38 (Reduced Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2575	37800	21.78	22.5	0
				2595	38000	22.06	22.5	0
				2615	38200	22.05	22.5	0
			25	2575	37800	22.10	22.5	0
				2595	38000	21.97	22.5	0
				2615	38200	21.81	22.5	0
			49	2575	37800	21.89	22.5	0
				2595	38000	21.92	22.5	0
				2615	38200	22.02	22.5	0
		25 RB	0	2575	37800	21.02	21.5	0-1
				2595	38000	21.10	21.5	0-1
				2615	38200	21.08	21.5	0-1
			12	2575	37800	21.07	21.5	0-1
				2595	38000	20.98	21.5	0-1
				2615	38200	21.06	21.5	0-1
			25	2575	37800	21.06	21.5	0-1
				2595	38000	21.06	21.5	0-1
				2615	38200	20.83	21.5	0-1
		50RB		2575	37800	21.06	21.5	0-1
				2595	38000	21.06	21.5	0-1
				2615	38200	21.17	21.5	0-1
	16-QAM	1 RB	0	2575	37800	21.06	21.5	0-1
				2595	38000	21.03	21.5	0-1
				2615	38200	21.02	21.5	0-1
			25	2575	37800	20.91	21.5	0-1
				2595	38000	21.06	21.5	0-1
				2615	38200	21.11	21.5	0-1
			49	2575	37800	21.04	21.5	0-1
				2595	38000	21.11	21.5	0-1
				2615	38200	20.84	21.5	0-1
		25 RB	0	2575	37800	20.00	20.5	0-2
				2595	38000	20.28	20.5	0-2
				2615	38200	20.06	20.5	0-2
			12	2575	37800	20.08	20.5	0-2
				2595	38000	20.00	20.5	0-2
				2615	38200	20.10	20.5	0-2
			25	2575	37800	19.96	20.5	0-2
				2595	38000	20.12	20.5	0-2
				2615	38200	20.02	20.5	0-2
		50RB		2575	37800	20.25	20.5	0-2
				2595	38000	20.19	20.5	0-2
				2615	38200	19.98	20.5	0-2

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TDD Band 38 (Reduced Power)								
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	19.72	20.5	0-2
				2595	38000	20.01	20.5	0-2
				2615	38200	19.81	20.5	0-2
			25	2575	37800	19.81	20.5	0-2
				2595	38000	20.02	20.5	0-2
				2615	38200	19.62	20.5	0-2
			49	2575	37800	19.99	20.5	0-2
				2595	38000	19.85	20.5	0-2
				2615	38200	19.74	20.5	0-2
		25 RB	0	2575	37800	19.13	19.5	0-3
				2595	38000	19.14	19.5	0-3
				2615	38200	18.85	19.5	0-3
			12	2575	37800	19.15	19.5	0-3
				2595	38000	19.11	19.5	0-3
				2615	38200	19.14	19.5	0-3
			25	2575	37800	19.02	19.5	0-3
				2595	38000	19.23	19.5	0-3
				2615	38200	19.25	19.5	0-3
		50RB		2575	37800	19.30	19.5	0-3
				2595	38000	19.20	19.5	0-3
				2615	38200	18.97	19.5	0-3

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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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TDD Band 38 (Reduced Power)								
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	22.09	22.5	0
				2595	38000	22.21	22.5	0
				2617.5	38225	22.12	22.5	0
			12	2572.5	37775	22.07	22.5	0
				2595	38000	22.24	22.5	0
				2617.5	38225	22.04	22.5	0
			24	2572.5	37775	22.13	22.5	0
				2595	38000	22.18	22.5	0
				2617.5	38225	22.01	22.5	0
		12 RB	0	2572.5	37775	21.09	21.5	0-1
				2595	38000	21.25	21.5	0-1
				2617.5	38225	21.12	21.5	0-1
			6	2572.5	37775	21.17	21.5	0-1
				2595	38000	21.22	21.5	0-1
				2617.5	38225	21.12	21.5	0-1
			13	2572.5	37775	21.22	21.5	0-1
				2595	38000	21.24	21.5	0-1
				2617.5	38225	21.07	21.5	0-1
		25RB		2572.5	37775	21.21	21.5	0-1
				2595	38000	21.24	21.5	0-1
				2617.5	38225	21.12	21.5	0-1
	16-QAM	1 RB	0	2572.5	37775	21.24	21.5	0-1
				2595	38000	21.33	21.5	0-1
				2617.5	38225	21.12	21.5	0-1
			12	2572.5	37775	21.22	21.5	0-1
				2595	38000	21.28	21.5	0-1
				2617.5	38225	21.20	21.5	0-1
			24	2572.5	37775	21.28	21.5	0-1
				2595	38000	21.36	21.5	0-1
				2617.5	38225	21.17	21.5	0-1
		12 RB	0	2572.5	37775	20.18	20.5	0-2
				2595	38000	20.32	20.5	0-2
				2617.5	38225	20.16	20.5	0-2
			6	2572.5	37775	20.22	20.5	0-2
				2595	38000	20.36	20.5	0-2
				2617.5	38225	20.16	20.5	0-2
			13	2572.5	37775	20.27	20.5	0-2
				2595	38000	20.33	20.5	0-2
				2617.5	38225	20.15	20.5	0-2
		25RB		2572.5	37775	20.31	20.5	0-2
				2595	38000	20.36	20.5	0-2
				2617.5	38225	20.19	20.5	0-2

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TDD Band 38 (Reduced Power)								
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	19.93	20.5	0-2
				2595	38000	20.13	20.5	0-2
				2617.5	38225	19.94	20.5	0-2
			12	2572.5	37775	19.92	20.5	0-2
				2595	38000	20.06	20.5	0-2
				2617.5	38225	19.96	20.5	0-2
			24	2572.5	37775	20.03	20.5	0-2
				2595	38000	20.06	20.5	0-2
				2617.5	38225	19.92	20.5	0-2
		12 RB	0	2572.5	37775	19.22	19.5	0-3
				2595	38000	19.37	19.5	0-3
				2617.5	38225	19.25	19.5	0-3
			6	2572.5	37775	19.26	19.5	0-3
				2595	38000	19.38	19.5	0-3
				2617.5	38225	19.21	19.5	0-3
			13	2572.5	37775	19.30	19.5	0-3
				2595	38000	19.41	19.5	0-3
				2617.5	38225	19.22	19.5	0-3
		25RB		2572.5	37775	19.37	19.5	0-3
				2595	38000	19.41	19.5	0-3
				2617.5	38225	19.30	19.5	0-3

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TDD Band 41 (Full power)								
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	24.63	25	0
				2549.5	40185	23.72	25	0
				2593	40620	24.19	25	0
				2636.5	41055	24.91	25	0
				2680	41490	23.17	25	0
			50	2506	39750	24.96	25	0
				2549.5	40185	23.04	25	0
				2593	40620	24.21	25	0
				2636.5	41055	24.97	25	0
				2680	41490	23.20	25	0
			99	2506	39750	24.92	25	0
				2549.5	40185	23.02	25	0
				2593	40620	24.14	25	0
				2636.5	41055	24.91	25	0
				2680	41490	23.18	25	0
		50 RB	0	2506	39750	23.84	24	0-1
				2549.5	40185	22.27	24	0-1
				2593	40620	23.21	24	0-1
				2636.5	41055	23.94	24	0-1
				2680	41490	22.25	24	0-1
			25	2506	39750	23.87	24	0-1
				2549.5	40185	22.26	24	0-1
				2593	40620	23.22	24	0-1
				2636.5	41055	23.92	24	0-1
				2680	41490	22.21	24	0-1
			50	2506	39750	23.86	24	0-1
				2549.5	40185	22.18	24	0-1
				2593	40620	23.15	24	0-1
				2636.5	41055	23.96	24	0-1
				2680	41490	22.24	24	0-1
		100RB		2506	39750	23.92	24	0-1
				2549.5	40185	22.22	24	0-1
				2593	40620	23.22	24	0-1
				2636.5	41055	23.85	24	0-1
				2680	41490	22.25	24	0-1

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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TDD Band 41 (Full power)								
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	23.83	24	0-1
				2549.5	40185	23.78	24	0-1
				2593	40620	23.10	24	0-1
				2636.5	41055	23.04	24	0-1
				2680	41490	23.90	24	0-1
			50	2506	39750	23.01	24	0-1
				2549.5	40185	23.87	24	0-1
				2593	40620	23.12	24	0-1
				2636.5	41055	23.10	24	0-1
				2680	41490	23.98	24	0-1
			99	2506	39750	22.98	24	0-1
				2549.5	40185	23.92	24	0-1
				2593	40620	23.09	24	0-1
				2636.5	41055	22.99	24	0-1
				2680	41490	23.98	24	0-1
		50 RB	0	2506	39750	22.20	23	0-2
				2549.5	40185	21.87	23	0-2
				2593	40620	22.27	23	0-2
				2636.5	41055	21.08	23	0-2
				2680	41490	21.92	23	0-2
			25	2506	39750	21.13	23	0-2
				2549.5	40185	22.18	23	0-2
				2593	40620	22.21	23	0-2
				2636.5	41055	22.16	23	0-2
				2680	41490	22.84	23	0-2
			50	2506	39750	22.03	23	0-2
				2549.5	40185	22.86	23	0-2
				2593	40620	22.28	23	0-2
				2636.5	41055	21.98	23	0-2
				2680	41490	22.01	23	0-2
		100RB		2506	39750	21.10	23	0-2
				2549.5	40185	21.93	23	0-2
				2593	40620	22.23	23	0-2
				2636.5	41055	22.03	23	0-2
				2680	41490	22.12	23	0-2

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TDD Band 41 (Full power)								
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	22.69	23	0-2
				2549.5	40185	22.60	23	0-2
				2593	40620	22.01	23	0-2
				2636.5	41055	21.95	23	0-2
				2680	41490	22.80	23	0-2
			50	2506	39750	21.89	23	0-2
				2549.5	40185	22.81	23	0-2
				2593	40620	21.96	23	0-2
				2636.5	41055	21.91	23	0-2
				2680	41490	22.89	23	0-2
			99	2506	39750	21.86	23	0-2
				2549.5	40185	22.90	23	0-2
				2593	40620	21.90	23	0-2
				2636.5	41055	21.92	23	0-2
				2680	41490	22.86	23	0-2
		50 RB	0	2506	39750	21.12	22	0-3
				2549.5	40185	20.83	22	0-3
				2593	40620	21.13	22	0-3
				2636.5	41055	20.98	22	0-3
				2680	41490	20.92	22	0-3
			25	2506	39750	20.05	22	0-3
				2549.5	40185	21.18	22	0-3
				2593	40620	21.05	22	0-3
				2636.5	41055	21.00	22	0-3
				2680	41490	21.84	22	0-3
			50	2506	39750	20.90	22	0-3
				2549.5	40185	21.74	22	0-3
				2593	40620	21.14	22	0-3
				2636.5	41055	20.82	22	0-3
				2680	41490	20.85	22	0-3
		100RB		2506	39750	20.93	22	0-3
				2549.5	40185	20.74	22	0-3
				2593	40620	21.05	22	0-3
				2636.5	41055	20.98	22	0-3
				2680	41490	21.02	22	0-3

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TDD Band 41 (Full power)								
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	24.56	25	0
				2548.3	40173	23.61	25	0
				2593	40620	24.03	25	0
				2637.8	41068	24.78	25	0
				2682.5	41515	23.08	25	0
			36	2503.5	39725	24.85	25	0
				2548.3	40173	23.94	25	0
				2593	40620	24.10	25	0
				2637.8	41068	24.88	25	0
				2682.5	41515	23.17	25	0
			74	2503.5	39725	24.90	25	0
				2548.3	40173	23.82	25	0
				2593	40620	24.00	25	0
				2637.8	41068	24.77	25	0
				2682.5	41515	23.06	25	0
		36 RB	0	2503.5	39725	23.77	24	0-1
				2548.3	40173	22.15	24	0-1
				2593	40620	23.15	24	0-1
				2637.8	41068	23.80	24	0-1
				2682.5	41515	22.10	24	0-1
			18	2503.5	39725	23.73	24	0-1
				2548.3	40173	22.23	24	0-1
				2593	40620	23.03	24	0-1
				2637.8	41068	23.84	24	0-1
				2682.5	41515	22.11	24	0-1
			37	2503.5	39725	23.77	24	0-1
				2548.3	40173	22.10	24	0-1
				2593	40620	23.07	24	0-1
				2637.8	41068	23.80	24	0-1
				2682.5	41515	22.21	24	0-1
		75RB		2503.5	39725	23.78	24	0-1
				2548.3	40173	22.01	24	0-1
				2593	40620	23.17	24	0-1
				2637.8	41068	23.72	24	0-1
				2682.5	41515	22.08	24	0-1

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t (886-2) 2299-3279

f (886-2) 2298-0488

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TDD Band 41 (Full power)								
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	23.74	24	0-1
				2548.3	40173	23.73	24	0-1
				2593	40620	23.02	24	0-1
				2637.8	41068	22.97	24	0-1
				2682.5	41515	23.88	24	0-1
			36	2503.5	39725	22.89	24	0-1
				2548.3	40173	23.82	24	0-1
				2593	40620	22.95	24	0-1
				2637.8	41068	22.96	24	0-1
				2682.5	41515	23.92	24	0-1
			74	2503.5	39725	22.87	24	0-1
				2548.3	40173	23.88	24	0-1
				2593	40620	22.95	24	0-1
				2637.8	41068	22.88	24	0-1
				2682.5	41515	23.89	24	0-1
		36 RB	0	2503.5	39725	22.17	23	0-2
				2548.3	40173	21.73	23	0-2
				2593	40620	22.19	23	0-2
				2637.8	41068	21.87	23	0-2
				2682.5	41515	21.76	23	0-2
			18	2503.5	39725	21.10	23	0-2
				2548.3	40173	22.04	23	0-2
				2593	40620	22.17	23	0-2
				2637.8	41068	22.03	23	0-2
				2682.5	41515	22.75	23	0-2
			37	2503.5	39725	21.83	23	0-2
				2548.3	40173	22.80	23	0-2
				2593	40620	22.12	23	0-2
				2637.8	41068	21.91	23	0-2
				2682.5	41515	21.86	23	0-2
		75RB		2503.5	39725	21.96	23	0-2
				2548.3	40173	21.77	23	0-2
				2593	40620	22.11	23	0-2
				2637.8	41068	21.84	23	0-2
				2682.5	41515	21.99	23	0-2

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f (886-2) 2298-0488

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TDD Band 41 (Full power)								
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	22.67	23	0-2
				2548.3	40173	22.51	23	0-2
				2593	40620	21.95	23	0-2
				2637.8	41068	21.87	23	0-2
				2682.5	41515	22.72	23	0-2
			36	2503.5	39725	21.85	23	0-2
				2548.3	40173	22.71	23	0-2
				2593	40620	21.79	23	0-2
				2637.8	41068	21.76	23	0-2
				2682.5	41515	22.75	23	0-2
			74	2503.5	39725	21.73	23	0-2
				2548.3	40173	22.76	23	0-2
				2593	40620	21.72	23	0-2
				2637.8	41068	21.87	23	0-2
				2682.5	41515	22.69	23	0-2
		36 RB	0	2503.5	39725	20.94	22	0-3
				2548.3	40173	20.75	22	0-3
				2593	40620	20.98	22	0-3
				2637.8	41068	20.78	22	0-3
				2682.5	41515	20.74	22	0-3
			18	2503.5	39725	20.03	22	0-3
				2548.3	40173	21.10	22	0-3
				2593	40620	20.87	22	0-3
				2637.8	41068	20.93	22	0-3
				2682.5	41515	21.66	22	0-3
			37	2503.5	39725	20.69	22	0-3
				2548.3	40173	21.63	22	0-3
				2593	40620	20.95	22	0-3
				2637.8	41068	20.76	22	0-3
				2682.5	41515	20.71	22	0-3
		75RB		2503.5	39725	20.88	22	0-3
				2548.3	40173	20.64	22	0-3
				2593	40620	20.90	22	0-3
				2637.8	41068	20.92	22	0-3
				2682.5	41515	20.96	22	0-3

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TDD Band 41 (Full power)								
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	24.36	25	0
				2547	40160	23.44	25	0
				2593	40620	23.86	25	0
				2639	41080	24.70	25	0
				2685	41540	23.97	25	0
			25	2501	39700	24.69	25	0
				2547	40160	23.75	25	0
				2593	40620	23.99	25	0
				2639	41080	24.73	25	0
				2685	41540	23.13	25	0
			49	2501	39700	24.78	25	0
				2547	40160	23.73	25	0
				2593	40620	23.80	25	0
				2639	41080	24.59	25	0
				2685	41540	23.98	25	0
		25 RB	0	2501	39700	23.69	24	0-1
				2547	40160	22.95	24	0-1
				2593	40620	23.08	24	0-1
				2639	41080	23.69	24	0-1
				2685	41540	22.94	24	0-1
			12	2501	39700	23.67	24	0-1
				2547	40160	22.09	24	0-1
				2593	40620	22.95	24	0-1
				2639	41080	23.74	24	0-1
				2685	41540	22.04	24	0-1
			25	2501	39700	23.61	24	0-1
				2547	40160	22.96	24	0-1
				2593	40620	22.91	24	0-1
				2639	41080	23.72	24	0-1
				2685	41540	22.14	24	0-1
		50RB		2501	39700	23.57	24	0-1
				2547	40160	22.92	24	0-1
				2593	40620	23.03	24	0-1
				2639	41080	23.65	24	0-1
				2685	41540	22.97	24	0-1

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TDD Band 41 (Full power)								
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	23.69	24	0-1
				2547	40160	23.65	24	0-1
				2593	40620	22.89	24	0-1
				2639	41080	22.78	24	0-1
				2685	41540	23.78	24	0-1
			25	2501	39700	22.74	24	0-1
				2547	40160	23.67	24	0-1
				2593	40620	22.90	24	0-1
				2639	41080	22.94	24	0-1
				2685	41540	23.77	24	0-1
			49	2501	39700	22.74	24	0-1
				2547	40160	23.73	24	0-1
				2593	40620	22.92	24	0-1
				2639	41080	22.84	24	0-1
				2685	41540	23.79	24	0-1
		25 RB	0	2501	39700	21.96	23	0-2
				2547	40160	21.58	23	0-2
				2593	40620	22.03	23	0-2
				2639	41080	21.74	23	0-2
				2685	41540	21.73	23	0-2
			12	2501	39700	21.04	23	0-2
				2547	40160	22.00	23	0-2
				2593	40620	22.12	23	0-2
				2639	41080	21.98	23	0-2
				2685	41540	22.68	23	0-2
			25	2501	39700	21.63	23	0-2
				2547	40160	22.61	23	0-2
				2593	40620	22.00	23	0-2
				2639	41080	21.76	23	0-2
				2685	41540	21.72	23	0-2
		50RB		2501	39700	21.91	23	0-2
				2547	40160	21.56	23	0-2
				2593	40620	21.97	23	0-2
				2639	41080	21.66	23	0-2
				2685	41540	21.94	23	0-2

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TDD Band 41 (Full power)								
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10	64-QAM	1 RB	0	2501	39700	22.62	23	0-2
				2547	40160	22.40	23	0-2
				2593	40620	21.78	23	0-2
				2639	41080	21.72	23	0-2
				2685	41540	22.58	23	0-2
			25	2501	39700	21.71	23	0-2
				2547	40160	22.66	23	0-2
				2593	40620	21.68	23	0-2
				2639	41080	21.69	23	0-2
				2685	41540	22.63	23	0-2
			49	2501	39700	21.60	23	0-2
				2547	40160	22.69	23	0-2
				2593	40620	21.56	23	0-2
				2639	41080	21.82	23	0-2
				2685	41540	22.67	23	0-2
		25 RB	0	2501	39700	20.92	22	0-3
				2547	40160	20.54	22	0-3
				2593	40620	20.86	22	0-3
				2639	41080	20.66	22	0-3
				2685	41540	20.71	22	0-3
			12	2501	39700	20.89	22	0-3
				2547	40160	20.97	22	0-3
				2593	40620	20.79	22	0-3
				2639	41080	20.86	22	0-3
				2685	41540	21.52	22	0-3
			25	2501	39700	20.57	22	0-3
				2547	40160	21.57	22	0-3
				2593	40620	20.78	22	0-3
				2639	41080	20.67	22	0-3
				2685	41540	20.66	22	0-3
		50RB		2501	39700	20.80	22	0-3
				2547	40160	20.48	22	0-3
				2593	40620	20.81	22	0-3
				2639	41080	20.72	22	0-3
				2685	41540	20.82	22	0-3

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TDD Band 41 (Full power)								
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	24.86	25	0
				2547.8	40148	23.05	25	0
				2593	40620	24.23	25	0
				2640.3	41093	24.94	25	0
				2687.5	41565	23.14	25	0
			12	2498.5	39675	24.86	25	0
				2547.8	40148	23.08	25	0
				2593	40620	24.22	25	0
				2640.3	41093	24.90	25	0
				2687.5	41565	23.10	25	0
			24	2498.5	39675	24.89	25	0
				2547.8	40148	23.06	25	0
				2593	40620	24.19	25	0
				2640.3	41093	24.76	25	0
				2687.5	41565	23.25	25	0
		12 RB	0	2498.5	39675	23.99	24	0-1
				2547.8	40148	22.25	24	0-1
				2593	40620	23.19	24	0-1
				2640.3	41093	23.89	24	0-1
				2687.5	41565	22.18	24	0-1
			6	2498.5	39675	23.86	24	0-1
				2547.8	40148	22.24	24	0-1
				2593	40620	23.22	24	0-1
				2640.3	41093	23.99	24	0-1
				2687.5	41565	22.22	24	0-1
			13	2498.5	39675	23.97	24	0-1
				2547.8	40148	22.26	24	0-1
				2593	40620	23.22	24	0-1
				2640.3	41093	23.89	24	0-1
				2687.5	41565	22.31	24	0-1
		25RB		2498.5	39675	23.73	24	0-1
				2547.8	40148	22.26	24	0-1
				2593	40620	23.16	24	0-1
				2640.3	41093	23.91	24	0-1
				2687.5	41565	22.22	24	0-1

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TDD Band 41 (Full power)								
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	23.79	24	0-1
				2547.8	40148	23.93	24	0-1
				2593	40620	23.11	24	0-1
				2640.3	41093	23.94	24	0-1
				2687.5	41565	23.89	24	0-1
			12	2498.5	39675	23.88	24	0-1
				2547.8	40148	23.81	24	0-1
				2593	40620	23.14	24	0-1
				2640.3	41093	23.96	24	0-1
				2687.5	41565	23.93	24	0-1
			24	2498.5	39675	23.69	24	0-1
				2547.8	40148	23.98	24	0-1
				2593	40620	23.11	24	0-1
				2640.3	41093	23.88	24	0-1
				2687.5	41565	23.66	24	0-1
		12 RB	0	2498.5	39675	22.59	23	0-2
				2547.8	40148	22.97	23	0-2
				2593	40620	22.22	23	0-2
				2640.3	41093	22.61	23	0-2
				2687.5	41565	22.80	23	0-2
			6	2498.5	39675	22.78	23	0-2
				2547.8	40148	22.99	23	0-2
				2593	40620	22.27	23	0-2
				2640.3	41093	22.46	23	0-2
				2687.5	41565	22.94	23	0-2
			13	2498.5	39675	22.79	23	0-2
				2547.8	40148	22.84	23	0-2
				2593	40620	22.22	23	0-2
				2640.3	41093	22.74	23	0-2
				2687.5	41565	22.85	23	0-2
		25RB		2498.5	39675	22.54	23	0-2
				2547.8	40148	22.97	23	0-2
				2593	40620	22.24	23	0-2
				2640.3	41093	22.19	23	0-2
				2687.5	41565	22.84	23	0-2

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TDD Band 41 (Full power)								
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	22.61	23	0-2
				2547.8	40148	22.93	23	0-2
				2593	40620	21.94	23	0-2
				2640.3	41093	22.83	23	0-2
				2687.5	41565	22.78	23	0-2
			12	2498.5	39675	22.69	23	0-2
				2547.8	40148	22.81	23	0-2
				2593	40620	22.14	23	0-2
				2640.3	41093	22.96	23	0-2
				2687.5	41565	22.86	23	0-2
			24	2498.5	39675	22.62	23	0-2
				2547.8	40148	22.83	23	0-2
				2593	40620	21.99	23	0-2
				2640.3	41093	22.79	23	0-2
				2687.5	41565	22.54	23	0-2
		12 RB	0	2498.5	39675	21.56	22	0-3
				2547.8	40148	21.96	22	0-3
				2593	40620	21.17	22	0-3
				2640.3	41093	21.59	22	0-3
				2687.5	41565	21.61	22	0-3
			6	2498.5	39675	21.68	22	0-3
				2547.8	40148	21.90	22	0-3
				2593	40620	21.26	22	0-3
				2640.3	41093	21.42	22	0-3
				2687.5	41565	21.85	22	0-3
			13	2498.5	39675	21.60	22	0-3
				2547.8	40148	21.67	22	0-3
				2593	40620	21.13	22	0-3
				2640.3	41093	21.57	22	0-3
				2687.5	41565	21.69	22	0-3
		25RB		2498.5	39675	21.43	22	0-3
				2547.8	40148	21.84	22	0-3
				2593	40620	21.09	22	0-3
				2640.3	41093	21.03	22	0-3
				2687.5	41565	21.81	22	0-3

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TDD Band 41 (Reduced Power)								
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	17.76	18	0
				2549.5	40185	17.65	18	0
				2593	40620	17.85	18	0
				2636.5	41055	17.85	18	0
				2680	41490	17.72	18	0
			50	2506	39750	17.77	18	0
				2549.5	40185	17.64	18	0
				2593	40620	17.88	18	0
				2636.5	41055	17.91	18	0
				2680	41490	17.77	18	0
			99	2506	39750	17.61	18	0
				2549.5	40185	17.59	18	0
				2593	40620	17.79	18	0
				2636.5	41055	17.89	18	0
				2680	41490	17.75	18	0
		50 RB	0	2506	39750	16.78	17	0-1
				2549.5	40185	16.79	17	0-1
				2593	40620	16.88	17	0-1
				2636.5	41055	16.87	17	0-1
				2680	41490	16.94	17	0-1
			25	2506	39750	16.81	17	0-1
				2549.5	40185	16.76	17	0-1
				2593	40620	16.89	17	0-1
				2636.5	41055	16.89	17	0-1
				2680	41490	16.89	17	0-1
			50	2506	39750	16.71	17	0-1
				2549.5	40185	16.68	17	0-1
				2593	40620	16.82	17	0-1
				2636.5	41055	16.96	17	0-1
				2680	41490	16.92	17	0-1
		100RB		2506	39750	16.99	17	0-1
				2549.5	40185	16.74	17	0-1
				2593	40620	16.84	17	0-1
				2636.5	41055	16.89	17	0-1
				2680	41490	16.95	17	0-1

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TDD Band 41 (Reduced Power)								
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	16.95	17	0-1
				2549.5	40185	16.85	17	0-1
				2593	40620	16.92	17	0-1
				2636.5	41055	16.92	17	0-1
				2680	41490	16.93	17	0-1
			50	2506	39750	16.81	17	0-1
				2549.5	40185	16.84	17	0-1
				2593	40620	16.93	17	0-1
				2636.5	41055	16.97	17	0-1
				2680	41490	16.93	17	0-1
			99	2506	39750	16.76	17	0-1
				2549.5	40185	16.74	17	0-1
				2593	40620	16.95	17	0-1
				2636.5	41055	16.88	17	0-1
				2680	41490	16.69	17	0-1
		50 RB	0	2506	39750	15.76	16	0-2
				2549.5	40185	15.85	16	0-2
				2593	40620	15.93	16	0-2
				2636.5	41055	15.85	16	0-2
				2680	41490	15.95	16	0-2
			25	2506	39750	15.81	16	0-2
				2549.5	40185	15.84	16	0-2
				2593	40620	15.96	16	0-2
				2636.5	41055	15.84	16	0-2
				2680	41490	15.84	16	0-2
			50	2506	39750	15.72	16	0-2
				2549.5	40185	15.77	16	0-2
				2593	40620	15.99	16	0-2
				2636.5	41055	15.85	16	0-2
				2680	41490	15.92	16	0-2
		100RB		2506	39750	15.69	16	0-2
				2549.5	40185	15.85	16	0-2
				2593	40620	15.87	16	0-2
				2636.5	41055	15.86	16	0-2
				2680	41490	15.92	16	0-2

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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TDD Band 41 (Reduced Power)								
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	15.37	16	0-2
				2549.5	40185	15.42	16	0-2
				2593	40620	15.52	16	0-2
				2636.5	41055	15.42	16	0-2
				2680	41490	15.65	16	0-2
			50	2506	39750	15.22	16	0-2
				2549.5	40185	15.45	16	0-2
				2593	40620	15.55	16	0-2
				2636.5	41055	15.37	16	0-2
				2680	41490	15.64	16	0-2
			99	2506	39750	15.24	16	0-2
				2549.5	40185	15.36	16	0-2
				2593	40620	15.48	16	0-2
				2636.5	41055	15.42	16	0-2
				2680	41490	15.44	16	0-2
		50 RB	0	2506	39750	14.88	15	0-3
				2549.5	40185	14.89	15	0-3
				2593	40620	14.98	15	0-3
				2636.5	41055	14.94	15	0-3
				2680	41490	14.98	15	0-3
			25	2506	39750	14.78	15	0-3
				2549.5	40185	14.86	15	0-3
				2593	40620	14.96	15	0-3
				2636.5	41055	14.96	15	0-3
				2680	41490	14.87	15	0-3
			50	2506	39750	14.75	15	0-3
				2549.5	40185	14.79	15	0-3
				2593	40620	14.99	15	0-3
				2636.5	41055	14.85	15	0-3
				2680	41490	14.90	15	0-3
		100RB		2506	39750	14.73	15	0-3
				2549.5	40185	14.83	15	0-3
				2593	40620	14.91	15	0-3
				2636.5	41055	14.98	15	0-3
				2680	41490	14.87	15	0-3

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TDD Band 41 (Reduced Power)								
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	17.72	18	0
				2548.3	40173	17.58	18	0
				2593	40620	17.76	18	0
				2637.8	41068	17.75	18	0
				2682.5	41515	17.54	18	0
			36	2503.5	39725	17.55	18	0
				2548.3	40173	17.43	18	0
				2593	40620	17.77	18	0
				2637.8	41068	17.87	18	0
				2682.5	41515	17.55	18	0
			74	2503.5	39725	17.45	18	0
				2548.3	40173	17.39	18	0
				2593	40620	17.69	18	0
				2637.8	41068	17.79	18	0
				2682.5	41515	17.61	18	0
		36 RB	0	2503.5	39725	16.71	17	0-1
				2548.3	40173	16.62	17	0-1
				2593	40620	16.68	17	0-1
				2637.8	41068	16.68	17	0-1
				2682.5	41515	16.90	17	0-1
			18	2503.5	39725	16.63	17	0-1
				2548.3	40173	16.56	17	0-1
				2593	40620	16.79	17	0-1
				2637.8	41068	16.70	17	0-1
				2682.5	41515	16.80	17	0-1
			37	2503.5	39725	16.65	17	0-1
				2548.3	40173	16.60	17	0-1
				2593	40620	16.79	17	0-1
				2637.8	41068	16.85	17	0-1
				2682.5	41515	16.74	17	0-1
		75RB		2503.5	39725	16.96	17	0-1
				2548.3	40173	16.64	17	0-1
				2593	40620	16.76	17	0-1
				2637.8	41068	16.84	17	0-1
				2682.5	41515	16.83	17	0-1

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台灣檢驗科技股份有限公司

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f (886-2) 2298-0488

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TDD Band 41 (Reduced Power)								
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	16.81	17	0-1
				2548.3	40173	16.80	17	0-1
				2593	40620	16.80	17	0-1
				2637.8	41068	16.83	17	0-1
				2682.5	41515	16.77	17	0-1
			36	2503.5	39725	16.65	17	0-1
				2548.3	40173	16.76	17	0-1
				2593	40620	16.85	17	0-1
				2637.8	41068	16.81	17	0-1
				2682.5	41515	16.85	17	0-1
			74	2503.5	39725	16.70	17	0-1
				2548.3	40173	16.64	17	0-1
				2593	40620	16.83	17	0-1
				2637.8	41068	16.70	17	0-1
				2682.5	41515	16.53	17	0-1
		36 RB	0	2503.5	39725	15.58	16	0-2
				2548.3	40173	15.82	16	0-2
				2593	40620	15.80	16	0-2
				2637.8	41068	15.68	16	0-2
				2682.5	41515	15.92	16	0-2
			18	2503.5	39725	15.78	16	0-2
				2548.3	40173	15.73	16	0-2
				2593	40620	15.89	16	0-2
				2637.8	41068	15.64	16	0-2
				2682.5	41515	15.67	16	0-2
			37	2503.5	39725	15.59	16	0-2
				2548.3	40173	15.70	16	0-2
				2593	40620	15.91	16	0-2
				2637.8	41068	15.80	16	0-2
				2682.5	41515	15.89	16	0-2
		75RB		2503.5	39725	15.50	16	0-2
				2548.3	40173	15.80	16	0-2
				2593	40620	15.78	16	0-2
				2637.8	41068	15.74	16	0-2
				2682.5	41515	15.88	16	0-2

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f (886-2) 2298-0488

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TDD Band 41 (Reduced power)								
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	15.31	16	0-2
				2548.3	40173	15.33	16	0-2
				2593	40620	15.34	16	0-2
				2637.8	41068	15.31	16	0-2
				2682.5	41515	15.58	16	0-2
			36	2503.5	39725	15.15	16	0-2
				2548.3	40173	15.30	16	0-2
				2593	40620	15.33	16	0-2
				2637.8	41068	15.24	16	0-2
				2682.5	41515	15.50	16	0-2
			74	2503.5	39725	15.06	16	0-2
				2548.3	40173	15.23	16	0-2
				2593	40620	15.35	16	0-2
				2637.8	41068	15.36	16	0-2
				2682.5	41515	15.34	16	0-2
		36 RB	0	2503.5	39725	14.74	15	0-3
				2548.3	40173	14.70	15	0-3
				2593	40620	14.82	15	0-3
				2637.8	41068	14.91	15	0-3
				2682.5	41515	14.91	15	0-3
			18	2503.5	39725	14.66	15	0-3
				2548.3	40173	14.70	15	0-3
				2593	40620	14.82	15	0-3
				2637.8	41068	14.83	15	0-3
				2682.5	41515	14.79	15	0-3
			37	2503.5	39725	14.59	15	0-3
				2548.3	40173	14.72	15	0-3
				2593	40620	14.86	15	0-3
				2637.8	41068	14.79	15	0-3
				2682.5	41515	14.76	15	0-3
		75RB		2503.5	39725	14.54	15	0-3
				2548.3	40173	14.65	15	0-3
				2593	40620	14.82	15	0-3
				2637.8	41068	14.81	15	0-3
				2682.5	41515	20.17	21.5	0

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f (886-2) 2298-0488

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TDD Band 41 (Reduced Power)								
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	17.52	18	0
				2547	40160	17.36	18	0
				2593	40620	17.64	18	0
				2639	41080	17.64	18	0
				2685	41540	17.47	18	0
			25	2501	39700	17.47	18	0
				2547	40160	17.30	18	0
				2593	40620	17.57	18	0
				2639	41080	17.71	18	0
				2685	41540	17.38	18	0
			49	2501	39700	17.41	18	0
				2547	40160	17.29	18	0
				2593	40620	17.58	18	0
				2639	41080	17.73	18	0
				2685	41540	17.46	18	0
		25 RB	0	2501	39700	16.55	17	0-1
				2547	40160	16.55	17	0-1
				2593	40620	16.58	17	0-1
				2639	41080	16.56	17	0-1
				2685	41540	16.80	17	0-1
			12	2501	39700	16.46	17	0-1
				2547	40160	16.38	17	0-1
				2593	40620	16.65	17	0-1
				2639	41080	16.60	17	0-1
				2685	41540	16.76	17	0-1
			25	2501	39700	16.56	17	0-1
				2547	40160	16.47	17	0-1
				2593	40620	16.75	17	0-1
				2639	41080	16.71	17	0-1
				2685	41540	16.70	17	0-1
		50RB		2501	39700	16.76	17	0-1
				2547	40160	16.60	17	0-1
				2593	40620	16.62	17	0-1
				2639	41080	16.62	17	0-1
				2685	41540	16.66	17	0-1

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TDD Band 41 (Reduced Power)								
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	16.66	17	0-1
				2547	40160	16.65	17	0-1
				2593	40620	16.71	17	0-1
				2639	41080	16.79	17	0-1
				2685	41540	16.74	17	0-1
			25	2501	39700	16.59	17	0-1
				2547	40160	16.72	17	0-1
				2593	40620	16.81	17	0-1
				2639	41080	16.59	17	0-1
				2685	41540	16.63	17	0-1
			49	2501	39700	16.50	17	0-1
				2547	40160	16.56	17	0-1
				2593	40620	16.71	17	0-1
				2639	41080	16.67	17	0-1
				2685	41540	16.37	17	0-1
		25 RB	0	2501	39700	15.37	16	0-2
				2547	40160	15.79	16	0-2
				2593	40620	15.74	16	0-2
				2639	41080	15.61	16	0-2
				2685	41540	15.76	16	0-2
			12	2501	39700	15.65	16	0-2
				2547	40160	15.58	16	0-2
				2593	40620	15.81	16	0-2
				2639	41080	15.58	16	0-2
				2685	41540	15.58	16	0-2
			25	2501	39700	15.48	16	0-2
				2547	40160	15.60	16	0-2
				2593	40620	15.82	16	0-2
				2639	41080	15.74	16	0-2
				2685	41540	15.78	16	0-2
		50RB		2501	39700	15.37	16	0-2
				2547	40160	15.65	16	0-2
				2593	40620	15.66	16	0-2
				2639	41080	15.59	16	0-2
				2685	41540	15.68	16	0-2

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TDD Band 41 (Reduced Power)								
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	15.21	16	0-2
				2547	40160	15.18	16	0-2
				2593	40620	15.18	16	0-2
				2639	41080	15.18	16	0-2
				2685	41540	15.51	16	0-2
			25	2501	39700	15.02	16	0-2
				2547	40160	15.16	16	0-2
				2593	40620	15.14	16	0-2
				2639	41080	15.09	16	0-2
				2685	41540	15.46	16	0-2
			49	2501	39700	15.01	16	0-2
				2547	40160	15.08	16	0-2
				2593	40620	15.24	16	0-2
				2639	41080	15.29	16	0-2
				2685	41540	15.24	16	0-2
		25 RB	0	2501	39700	14.66	15	0-3
				2547	40160	14.49	15	0-3
				2593	40620	14.67	15	0-3
				2639	41080	14.88	15	0-3
				2685	41540	14.83	15	0-3
			12	2501	39700	14.61	15	0-3
				2547	40160	14.63	15	0-3
				2593	40620	14.77	15	0-3
				2639	41080	14.63	15	0-3
				2685	41540	14.73	15	0-3
			25	2501	39700	14.48	15	0-3
				2547	40160	14.50	15	0-3
				2593	40620	14.64	15	0-3
				2639	41080	14.61	15	0-3
				2685	41540	14.65	15	0-3
		50RB		2501	39700	14.32	15	0-3
				2547	40160	14.59	15	0-3
				2593	40620	14.79	15	0-3
				2639	41080	14.74	15	0-3
				2685	41540	14.55	15	0-3

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TDD Band 41 (Reduced Power)								
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	17.69	18	0
				2547.8	40148	17.68	18	0
				2593	40620	17.77	18	0
				2640.3	41093	17.78	18	0
				2687.5	41565	17.76	18	0
			12	2498.5	39675	17.70	18	0
				2547.8	40148	17.67	18	0
				2593	40620	17.79	18	0
				2640.3	41093	17.80	18	0
				2687.5	41565	17.74	18	0
			24	2498.5	39675	17.61	18	0
				2547.8	40148	17.60	18	0
				2593	40620	17.83	18	0
				2640.3	41093	17.85	18	0
				2687.5	41565	17.65	18	0
		12 RB	0	2498.5	39675	16.71	17	0-1
				2547.8	40148	16.66	17	0-1
				2593	40620	16.85	17	0-1
				2640.3	41093	16.82	17	0-1
				2687.5	41565	16.78	17	0-1
			6	2498.5	39675	16.82	17	0-1
				2547.8	40148	16.71	17	0-1
				2593	40620	16.87	17	0-1
				2640.3	41093	16.82	17	0-1
				2687.5	41565	16.80	17	0-1
			13	2498.5	39675	16.73	17	0-1
				2547.8	40148	16.72	17	0-1
				2593	40620	16.91	17	0-1
				2640.3	41093	16.80	17	0-1
				2687.5	41565	16.76	17	0-1
		25RB		2498.5	39675	16.76	17	0-1
				2547.8	40148	16.67	17	0-1
				2593	40620	16.80	17	0-1
				2640.3	41093	16.80	17	0-1
				2687.5	41565	16.74	17	0-1

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5	16-QAM	1 RB	0	2498.5	39675	16.84	17	0-1
				2547.8	40148	16.84	17	0-1
				2593	40620	16.91	17	0-1
				2640.3	41093	16.94	17	0-1
				2687.5	41565	16.90	17	0-1
			12	2498.5	39675	16.82	17	0-1
				2547.8	40148	16.84	17	0-1
				2593	40620	16.94	17	0-1
				2640.3	41093	16.98	17	0-1
				2687.5	41565	16.90	17	0-1
			24	2498.5	39675	16.84	17	0-1
				2547.8	40148	16.81	17	0-1
				2593	40620	16.05	17	0-1
				2640.3	41093	16.04	17	0-1
				2687.5	41565	16.86	17	0-1
		12 RB	0	2498.5	39675	15.57	16	0-2
				2547.8	40148	15.72	16	0-2
				2593	40620	15.74	16	0-2
				2640.3	41093	15.73	16	0-2
				2687.5	41565	15.61	16	0-2
			6	2498.5	39675	15.54	16	0-2
				2547.8	40148	15.78	16	0-2
				2593	40620	15.78	16	0-2
				2640.3	41093	15.76	16	0-2
				2687.5	41565	15.65	16	0-2
			13	2498.5	39675	15.59	16	0-2
				2547.8	40148	15.70	16	0-2
				2593	40620	15.84	16	0-2
				2640.3	41093	15.76	16	0-2
				2687.5	41565	15.60	16	0-2
		25RB		2498.5	39675	15.65	16	0-2
				2547.8	40148	15.80	16	0-2
				2593	40620	15.79	16	0-2
				2640.3	41093	15.78	16	0-2
				2687.5	41565	15.70	16	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	2498.5	39675	15.36	16	0-2
				2547.8	40148	15.45	16	0-2
				2593	40620	15.45	16	0-2
				2640.3	41093	15.42	16	0-2
				2687.5	41565	15.34	16	0-2
			12	2498.5	39675	15.33	16	0-2
				2547.8	40148	15.40	16	0-2
				2593	40620	15.46	16	0-2
				2640.3	41093	15.43	16	0-2
				2687.5	41565	15.39	16	0-2
			24	2498.5	39675	15.30	16	0-2
				2547.8	40148	15.40	16	0-2
				2593	40620	15.50	16	0-2
				2640.3	41093	15.48	16	0-2
				2687.5	41565	15.35	16	0-2
		12 RB	0	2498.5	39675	14.68	15	0-3
				2547.8	40148	14.79	15	0-3
				2593	40620	14.83	15	0-3
				2640.3	41093	14.81	15	0-3
				2687.5	41565	14.71	15	0-3
			6	2498.5	39675	14.69	15	0-3
				2547.8	40148	14.82	15	0-3
				2593	40620	14.86	15	0-3
				2640.3	41093	14.85	15	0-3
				2687.5	41565	14.73	15	0-3
			13	2498.5	39675	14.63	15	0-3
				2547.8	40148	14.77	15	0-3
				2593	40620	14.97	15	0-3
				2640.3	41093	14.84	15	0-3
				2687.5	41565	14.70	15	0-3
		25RB		2498.5	39675	14.70	15	0-3
				2547.8	40148	14.81	15	0-3
				2593	40620	14.88	15	0-3
				2640.3	41093	14.79	15	0-3
				2687.5	41565	14.68	15	0-3

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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**WLAN802.11 a/b/g/n(20M/40M)/ac(20M/40M/80M) 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

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## 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	20.00	19.91
		6	2437		20.00	19.99
		11	2462		20.00	19.98
	802.11g	1	2412	6Mbps	18.00	17.96
		6	2437		18.00	17.93
		11	2462		18.00	17.79
	802.11n20-HT0	1	2412	MCS0	18.00	17.90
		6	2437		18.00	17.91
		11	2462		18.00	17.82
	802.11n40-HT0	3	2422	MCS0	18.00	17.92
		6	2437		18.00	17.85
		9	2452		18.00	17.79

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	18.00	17.92
		40	5200		18.00	17.94
		44	5220		18.00	17.80
		48	5240		18.00	17.95
	802.11n20-HT0	36	5180	MCS0	18.00	17.88
		40	5200		18.00	17.83
		44	5220		18.00	17.82
		48	5240		18.00	17.86
	802.11ac20-VHT0	36	5180	MCS0	18.00	17.81
		40	5200		18.00	17.82
		44	5220		18.00	17.83
		48	5240		18.00	17.95
	802.11n40-HT0	38	5190	MCS0	18.00	17.81
		46	5230		18.00	17.91
	802.11ac40-VHT0	38	5190	MCS0	18.00	17.95
		46	5230		18.00	17.95
	802.11ac80-VHT0	42	5210	MCS0	18.00	17.99

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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	18.00	17.84
		56	5280		18.00	17.83
		60	5300		18.00	17.81
		64	5320		18.00	17.94
	802.11n20-HT0	52	5260	MCS0	18.00	17.96
		56	5280		18.00	17.86
		60	5300		18.00	17.93
		64	5320		18.00	17.80
	802.11ac20-VHT0	52	5260	MCS0	18.00	17.82
		56	5280		18.00	17.83
		60	5300		18.00	17.92
		64	5320		18.00	17.87
	802.11n40-HT0	54	5270	MCS0	18.00	17.91
		62	5310		18.00	17.83
	802.11ac40-VHT0	54	5270	MCS0	18.00	17.94
		62	5310		18.00	17.88
	802.11ac80-VHT0	58	5290	MCS0	18.00	17.98

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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	18.00	17.87
		116	5580		18.00	17.82
		120	5600		18.00	17.89
		140	5700		18.00	17.75
	802.11n20-HT0	100	5500	MCS0	18.00	17.88
		116	5580		18.00	17.81
		120	5600		18.00	17.85
		140	5700		18.00	17.75
		144	5720		18.00	17.82
	802.11ac20-VHT0	100	5500	MCS0	18.00	17.78
		116	5580		18.00	17.75
		120	5600		18.00	17.91
		140	5700		18.00	17.76
		144	5720		18.00	17.80
	802.11n40-HT0	102	5510	MCS0	18.00	17.86
		110	5550		18.00	17.90
		118	5590		18.00	17.89
		134	5670		18.00	17.76
	802.11ac40-VHT0	102	5510	MCS0	18.00	17.92
		110	5550		18.00	17.92
		118	5590		18.00	17.92
		134	5670		18.00	17.88
		142	5710		18.00	17.89
	802.11ac80-VHT0	106	5530	MCS0	18.00	17.96
		122	5610		18.00	17.95
		138	5690		18.00	17.99

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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	18.00	17.74
		157	5785		18.00	17.89
		165	5825		18.00	17.79
	802.11n20-HT0	149	5745	MCS0	18.00	17.77
		157	5785		18.00	17.71
		165	5825		18.00	17.88
	802.11ac20-VHT0	149	5745	MCS0	18.00	17.86
		157	5785		18.00	17.89
		165	5825		18.00	17.81
	802.11n40-HT0	151	5755	MCS0	18.00	17.76
		159	5795		18.00	17.82
	802.11ac40-VHT0	151	5755	MCS0	18.00	17.88
		159	5795		18.00	17.90
	802.11ac80-VHT0	155	5775	MCS0	18.00	17.92

### 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	20.00	19.98
		6	2437		20.00	19.71
		11	2462		20.00	19.74
	802.11g	1	2412	6Mbps	18.00	17.84
		6	2437		18.00	17.82
		11	2462		18.00	17.74
	802.11n20-HT0	1	2412	MCS0	18.00	17.83
		6	2437		18.00	17.91
		11	2462		18.00	17.91
	802.11n40-HT0	3	2422	MCS0	18.00	17.76
		6	2437		18.00	17.79
		9	2452		18.00	17.91

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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	18.00	17.84
		40	5200		18.00	17.91
		44	5220		18.00	17.92
		48	5240		18.00	17.85
	802.11n20-HT0	36	5180	MCS0	18.00	17.91
		40	5200		18.00	17.81
		44	5220		18.00	17.84
		48	5240		18.00	17.86
	802.11ac20-VHT0	36	5180	MCS0	18.00	17.85
		40	5200		18.00	17.79
		44	5220		18.00	17.85
		48	5240		18.00	17.79
	802.11n40-HT0	38	5190	MCS0	18.00	17.79
		46	5230		18.00	17.81
	802.11ac40-VHT0	38	5190	MCS0	18.00	17.80
		46	5230		18.00	17.89
	802.11ac80-VHT0	42	5210	MCS0	18.00	17.97

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	18.00	17.77
		56	5280		18.00	17.73
		60	5300		18.00	17.83
		64	5320		18.00	17.87
	802.11n20-HT0	52	5260	MCS0	18.00	17.75
		56	5280		18.00	17.73
		60	5300		18.00	17.80
		64	5320		18.00	17.78
	802.11ac20-VHT0	52	5260	MCS0	18.00	17.73
		56	5280		18.00	17.86
		60	5300		18.00	17.74
		64	5320		18.00	17.82
	802.11n40-HT0	54	5270	MCS0	18.00	17.77
		62	5310		18.00	17.85
	802.11ac40-VHT0	54	5270	MCS0	18.00	17.82
		62	5310		18.00	17.72
	802.11ac80-VHT0	58	5290	MCS0	18.00	17.90

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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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	18.00	17.87
		116	5580		18.00	17.82
		120	5600		18.00	17.84
		140	5700		18.00	17.79
	802.11n20-HT0	100	5500	MCS0	18.00	17.77
		116	5580		18.00	17.81
		120	5600		18.00	17.76
		140	5700		18.00	17.86
		144	5720		18.00	17.91
	802.11ac20-VHT0	100	5500	MCS0	18.00	17.88
		116	5580		18.00	17.83
		120	5600		18.00	17.79
		140	5700		18.00	17.74
		144	5720		18.00	17.81
	802.11n40-HT0	102	5510	MCS0	18.00	17.74
		110	5550		18.00	17.90
		118	5590		18.00	17.83
		134	5670		18.00	17.79
	802.11ac40-VHT0	102	5510	MCS0	18.00	17.78
		110	5550		18.00	17.83
		118	5590		18.00	17.77
		134	5670		18.00	17.75
		142	5710		18.00	17.81
	802.11ac80-VHT0	106	5530	MCS0	18.00	17.98
		122	5610		18.00	17.97
		138	5690		18.00	17.75

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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	18.00	17.77
		157	5785		18.00	17.73
		165	5825		18.00	17.84
	802.11n20-HT0	149	5745	MCS0	18.00	17.84
		157	5785		18.00	17.75
		165	5825		18.00	17.81
	802.11ac20-VHT0	149	5745	MCS0	18.00	17.77
		157	5785		18.00	17.91
		165	5825		18.00	17.73
	802.11n40-HT0	151	5755	MCS0	18.00	17.76
		159	5795		18.00	17.74
	802.11ac40-VHT0	151	5755	MCS0	18.00	17.85
		159	5795		18.00	17.92
	802.11ac80-VHT0	155	5775	MCS0	18.00	17.93

### Bluetooth conducted power table:

Main	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
Mode			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	12.50	11.83	9.50	9.00	9.50	8.99
	CH 39	2441	12.50	10.99	9.50	7.20	9.50	7.20
	CH 78	2480	12.50	11.03	9.50	8.56	9.50	8.56

Main	Channel	Frequency (MHz)	GFSK	
Mode			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
LE	CH 00	2402	3.5	1.56
	CH 19	2440	2.5	1.35
	CH 39	2480	3.5	3.25

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## 1.3.1 LTE Downlink CA specification

## LTE Downlink 2CA conducted power table

## Full power

Two Component Carrier Maximum Conducted Power															
PCC								DL				SCC			
UL				DL				DL				Full power (dBm)			
Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Frequency [MHz]	Channel	Frequency [MHz]	Channel	Band	Bandwidth [MHz]	Frequency [MHz]	Channel	DL CA active	DL CA inactive	Configurations
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B4	20	2132.5	2175	24.96	24.99	CA_2A-4A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B2	20	1960	900	24.97	24.98	CA_2A-4A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B5	10	881.5	2525	24.94	24.99	CA_2A-5A
LTE B5	10	QPSK	1	49	829	20450	874	2450	LTE B2	20	1960	900	24.94	24.96	CA_2A-5A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B12	10	737.5	5095	24.93	24.99	CA_2A-12A
LTE B12	10	QPSK	1	25	704	23060	734	5060	LTE B2	20	1960	900	24.98	24.99	CA_2A-12A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B13	10	751	5230	24.97	24.99	CA_2A-13A
LTE B13	10	QPSK	1	25	782	23230	751	5230	LTE B2	20	1960	900	24.87	24.89	CA_2A-13A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B17	10	740	5790	24.94	24.99	CA_2A-17A
LTE B17	10	QPSK	1	0	709	23780	739	5780	LTE B2	20	1960	900	24.87	24.94	CA_2A-17A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B5	10	881.5	2525	24.92	24.98	CA_4A-5A
LTE B5	10	QPSK	1	49	829	20450	874	2450	LTE B4	20	2132.5	2175	24.93	24.96	CA_4A-5A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B12	10	737.5	5095	24.97	24.98	CA_4A-12A
LTE B12	10	QPSK	1	25	704	23060	734	5060	LTE B4	20	2132.5	2175	24.94	24.99	CA_4A-12A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B13	10	751	5230	24.91	24.98	CA_4A-13A
LTE B13	10	QPSK	1	25	782	23230	751	5230	LTE B4	20	2132.5	2175	24.84	24.89	CA_4A-13A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B17	10	740	5790	24.95	24.98	CA_4A-17A
LTE B17	10	QPSK	1	0	709	23780	739	5780	LTE B4	20	2132.5	2175	24.93	24.94	CA_4A-17A
LTE B5	10	QPSK	1	49	829	20450	874	2450	LTE B7	20	2655	3100	24.91	24.96	CA_5A-7A
LTE B7	20	QPSK	1	50	2510	20850	2630	2850	LTE B5	10	881.5	2525	24.86	24.92	CA_5A-7A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B2	20	1980	1100	24.96	24.99	CA_2A-2A
LTE B2	20	QPSK	1	99	1900	19100	1980	1100	LTE B2	20	1940	700	24.12	24.14	CA_2A-2A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B4	20	2145	2300	24.96	24.98	CA_4A-4A
LTE B4	20	QPSK	1	0	1745	20300	2145	2300	LTE B4	20	2120	2050	24.41	24.46	CA_4A-4A
LTE B7	20	QPSK	1	50	2510	20850	2630	2850	LTE B7	20	2680	3350	24.87	24.92	CA_7A-7A
LTE B7	20	QPSK	1	99	2560	21350	2680	3350	LTE B7	20	2630	2850	24.01	24.06	CA_7A-7A
LTE B41	20	QPSK	1	50	2506	39750	2506	39750	LTE B41	20	2680	41490	24.92	24.96	CA_41A-41A
LTE B41	20	QPSK	1	0	2680	41490	2680	41490	LTE B41	20	2506	39750	24.56	24.63	CA_41A-41A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B2	20	1959.8	898	24.92	24.99	CA_2C
LTE B2	20	QPSK	1	99	1900	19100	1980	1100	LTE B2	20	1960.2	902	24.04	24.14	CA_2C
LTE B5	10	QPSK	1	49	829	20450	874	2450	LTE B5	10	833.9	2549	24.89	24.96	CA_5B
LTE B5	10	QPSK	1	25	844	20600	889	2600	LTE B5	10	879.1	2501	24.02	24.09	CA_5B
LTE B7	15	QPSK	1	36	2507.5	20825	2627.5	2825	LTE B7	15	2636.8	2918	24.77	24.82	CA_7B
LTE B7	20	QPSK	1	50	2510	20850	2630	2850	LTE B7	20	2649.8	3048	24.87	24.92	CA_7C
LTE B7	20	QPSK	1	99	2560	21350	2680	3350	LTE B7	20	2660.2	3152	23.99	24.06	CA_7C
LTE B41	20	QPSK	1	50	2506	39750	2506	39750	LTE B41	20	2525.8	39948	24.92	24.96	CA_41C
LTE B41	20	QPSK	1	50	2680	41490	41490	2680	LTE B41	20	2660.2	41292	23.12	23.20	CA_41C

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## Reduced power

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Reduced power (dBm)		Configurations
UL							DL		DL				DL CA active	DL CA inactive	
Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Frequency [MHz]	Channel	Frequency [MHz]	Channel	Band	Bandwidth [MHz]	Frequency [MHz]	Channel			
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B4	20	2132.5	2175	20.41	20.47	CA_2A-4A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B2	20	1960	900	19.46	19.46	CA_2A-4A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B5	10	881.5	2525	20.47	20.47	CA_2A-5A
LTE B5	10	QPSK	1	49	829	20450	874	2450	LTE B2	20	1960	900	24.12	24.12	CA_2A-5A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B12	10	737.5	5095	20.47	20.47	CA_2A-12A
LTE B12	10	QPSK	1	25	704	23060	734	5060	LTE B2	20	1960	900	24.99	24.99	CA_2A-12A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B13	10	751	5230	20.47	20.47	CA_2A-13A
LTE B13	10	QPSK	1	25	782	23230	751	5230	LTE B2	20	1960	900	24.46	24.46	CA_2A-13A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B17	10	740	5790	20.47	20.47	CA_2A-17A
LTE B17	10	QPSK	1	0	709	23780	739	5780	LTE B2	20	1960	900	24.94	24.94	CA_2A-17A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B5	10	881.5	2525	19.46	19.46	CA_4A-5A
LTE B5	10	QPSK	1	49	829	20450	874	2450	LTE B4	20	2132.5	2175	24.12	24.12	CA_4A-5A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B12	10	737.5	5095	19.46	19.46	CA_4A-12A
LTE B12	10	QPSK	1	25	704	23060	734	5060	LTE B4	20	2132.5	2175	24.99	24.99	CA_4A-12A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B13	10	751	5230	19.46	19.46	CA_4A-13A
LTE B13	10	QPSK	1	25	782	23230	751	5230	LTE B4	20	2132.5	2175	24.46	24.46	CA_4A-13A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B17	10	740	5790	19.46	19.46	CA_4A-17A
LTE B17	10	QPSK	1	0	709	23780	739	5780	LTE B4	20	2132.5	2175	24.94	24.94	CA_4A-17A
LTE B5	10	QPSK	1	49	829	20450	874	2450	LTE B7	20	2655	3100	24.12	24.12	CA_5A-7A
LTE B7	20	QPSK	1	50	2510	20850	2630	2850	LTE B5	10	881.5	2525	18.85	18.85	CA_5A-7A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B2	20	1980	1100	20.47	20.47	CA_2A-2A
LTE B2	20	QPSK	1	99	1900	19100	1980	1100	LTE B2	20	1940	700	20.41	20.41	CA_2A-2A
LTE B4	20	QPSK	1	0	1720	20050	2120	2050	LTE B4	20	2145	2300	19.46	19.46	CA_4A-4A
LTE B4	20	QPSK	1	0	1745	20300	2145	2300	LTE B4	20	2120	2050	19.45	19.45	CA_4A-4A
LTE B7	20	QPSK	1	50	2510	20850	2630	2850	LTE B7	20	2680	3350	18.85	18.85	CA_7A-7A
LTE B7	20	QPSK	1	99	2560	21350	2680	3350	LTE B7	20	2630	2850	18.78	18.78	CA_7A-7A
LTE B41	20	QPSK	1	0	2506	39750	2506	39750	LTE B41	20	2680	41490	17.77	17.77	CA_41A-41A
LTE B41	20	QPSK	1	50	2680	41490	2680	41490	LTE B41	20	2506	39750	17.77	17.77	CA_41A-41A
LTE B2	20	QPSK	1	50	1860	18700	1940	700	LTE B2	20	898	1959.8	20.47	20.47	CA_2C
LTE B2	20	QPSK	1	99	1900	19100	1980	1100	LTE B2	20	1960.2	902	20.41	20.41	CA_2C
LTE B5	10	QPSK	1	0	829	20450	874	2450	LTE B5	10	883.9	2549	24.12	24.12	CA_5B
LTE B5	10	QPSK	1	25	844	20600	889	2600	LTE B5	10	879.1	2501	24.09	24.09	CA_5B
LTE B7	15	QPSK	1	36	2507.5	20825	2627.5	2825	LTE B7	15	2636.8	2918	18.74	18.74	CA_7B
LTE B7	20	QPSK	1	50	2510	20850	2630	2850	LTE B7	20	2649.8	3048	18.85	18.85	CA_7C
LTE B7	20	QPSK	1	99	2560	21350	2680	3350	LTE B7	20	2660.2	3152	18.78	18.78	CA_7C
LTE B41	20	QPSK	1	50	2506	39750	2506	39750	LTE B41	20	2525.8	39948	17.77	17.77	CA_41C
LTE B41	20	QPSK	1	50	2680	41490	2680	41490	LTE B41	20	2660.2	41292	17.77	17.77	CA_41C

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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## LTE CA information

### A)

The device supports downlink LTE Carrier Aggregation (CA) only. It supports a maximum of 2 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 V16.0.0. The conducted power measurement results of downlink LTE CA are provided as above per 3GPP TS 36.521-1 V16.0.0. According to KDB 941225 D05A and RF exposure procedures in TCB workshop April 2018, the downlink LTE CA SAR test is not required.

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## B)

### CA combination table

Index	2CC	Restriction	Completely Covered by Measurement Superset
2CC #1	CA 2A-4A		No
2CC #2	CA 2A-5A		No
2CC #3	CA 2A-12A		No
2CC #4	CA 2A-13A		No
2CC #5	CA 2A-17A		No
2CC #10	CA 4A-5A		No
2CC #11	CA 4A-12A		No
2CC #12	CA 4A-13A		No
2CC #13	CA 4A-17A		No
2CC #14	CA 5A-7A		No
2CC #15	CA 2A-2A		No
2CC #16	CA 4A-4A		No
2CC #17	CA 7A-7A		No
2CC #18	CA 41A-41A		No
2CC #19	CA 2C		No
2CC #20	CA 5B		No
2CC #21	CA 7B		No
2CC #22	CA 7C		No
2CC #23	CA 41C		No

#### Note:

- 1) For the inter-band CA combinations, 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 V16.0.0.
- 3) The reference test frequencies for CA refers to 3GPP TS 36.508 V16.1.0
- 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:  $22\pm 2^{\circ}\text{C}$   
Tissue Simulating Liquid:  $22\pm 2^{\circ}\text{C}$

## 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.

For WWAN, the device used the proximity sensor collocated with WWAN Main antenna to reduce maximum output power when it is near the user.

For WLAN, there is no any power reduction exists.

### WCDMA B II/IV/V / LTE B2/4/5/7/13/25/26/38/41

Back/top\_0mm with power reduction

Back\_14mm / top\_16mm / bottom/right/Left sides\_0mm without power reduction

### GSM 850/1900 / LTE B12/17 / WLAN

Back/top/bottom/right/Left sides\_0mm without power reduction

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# Note:

1. During the SAR testing, the DASY 5 system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
2. The 3G SAR test reduction procedure is applied to HSDPA with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSDPA) is  $\leq \frac{1}{4}$  dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSDPA).
3. The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA) is  $\leq \frac{1}{4}$  dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA).
4. 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  $\leq 0.8$  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

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- 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  $\leq 0.8$  W/kg.

- Otherwise, SAR is measured for the highest output power channel and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.

d. Per Section 5.2.4, Higher order modulations

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

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

- For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section 5.2 to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is  $> \frac{1}{2}$  dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is  $> 1.45$  W/kg. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.

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- 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 6. 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.

#### LTE downlink CA (KDB942225 D05A)

5. The device supports a maximum of 2 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 1/4 dB higher than the maximum output power measured when downlink carrier aggregation inactive.
6. 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  $[BW1 + BW2 - 0.1 \cdot |BW1 - BW2|]/2$  MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration.
7. 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.

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8. When downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than  $\frac{1}{4}$  dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.
9. According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is  $\leq 0.8$  W/kg, when the transmission band is  $\leq 100$  MHz.
10. According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is  $\geq 0.8$  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  $\geq 1.45$  W/kg ( $\sim 10\%$  from the 1-g SAR limit)
11. 802.11b DSSS SAR Test Requirements: SAR is measured for 2.4 GHz 802.11b DSSS mode using the highest measured maximum output power channel, when the reported SAR of the highest measured maximum output power channel for the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.
12. When the reported SAR is  $> 0.8$  W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is  $> 1.2$  W/kg, SAR is required for the third channel; i.e., all channels require testing.
13. 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is  $\leq 1.2$  W/kg.
14. Initial Test Configuration: An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data

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rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band.

15. SAR is measured using the highest measured maximum output power channel. When the reported SAR of the initial test configuration is  $> 0.8 \text{ W/kg}$ , SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is  $\leq 1.2 \text{ W/kg}$  or all required channels are tested.
16. Since the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is  $\leq 1.2 \text{ W/kg}$ , SAR is not required for subsequent test configuration.
17. BT and WLAN Main use the same antenna path, but they can't transmit at the same time.
18. Based on KDB447498D01v06 4.3.1 c), SAR test exclusion threshold for NFC (13.56MHz) shall be evaluated as below,
  - a) For *test separation distances*  $\leq 50 \text{ mm}$ , the power threshold determined by the equation in 4.3.1 c) 1) for 50 mm and 100 MHz is multiplied by  $\frac{1}{2}$
  - b) The power threshold at 50mm/100 MHz in 4.3.1 b) is multiplied by  $[1 + \log(100/f(\text{MHz}))]$  where  $f$  is 13.56MHz
  - c) The power threshold in 4.3.1 b) is  $[\text{Power allowed at numeric threshold for } 50 \text{ mm in } 4.3.1 \text{ a)}] + [( \text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)] \text{ mW}$ , for 100 MHz to 1500 MHz where test separation distance is 50mm, frequency is 100MHz.
  - d) Power allowed at numeric threshold for 50 mm in 4.3.1 a) is  $[3/\sqrt{f(\text{GHz})}] \cdot (\text{test separation distance})$

Hence, SAR test exclusion threshold is calculated in reverse sequence:

$$d) : [3/\sqrt{0.1}] \cdot 50 = 474.3416\text{mW}$$

$$c) : 474.3416 + (50-50) \cdot (100/150) = 474.3416\text{mW}$$

$$b) : 474.3416 \cdot [1 + \log(100/13.56)] = 885.9470\text{mW}$$

$$a) : 885.9470 \cdot 0.5 = 442.974\text{mW}$$

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So the SAR test exclusion power threshold for NFC(13.56MHz) is 442.974mW (equal to 26.464dBm).

Also, the maximum power of NFC is -50.67dBm (converted from 44.558 dBuV/m at 3m) and it is far below the exclusion threshold (26.464dBm), so SAR test for NFC can be excluded.

19. Based on KDB447498D01v06 4.3.2 b), when an antenna qualifies for the standalone SAR test exclusion of 4.3.1 and also transmits simultaneously with other antennas, the standalone SAR value must be estimated according to the following to determine the simultaneous transmission SAR test exclusion criteria:

1)  $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})/x}] \text{ W/kg}$ , for test separation distances  $\leq 50$  mm, where  $x = 7.5$  for 1-g SAR and  $x = 18.75$  for 10-g SAR.

Using the most conservative test separation distance 5mm, so the estimated 1g-SAR for NFC would be 0.00000003 W/Kg.

$[0.0000085704/5] \cdot [\sqrt{0.01356/7.5}] = 0.00000003 \text{ W/Kg}$

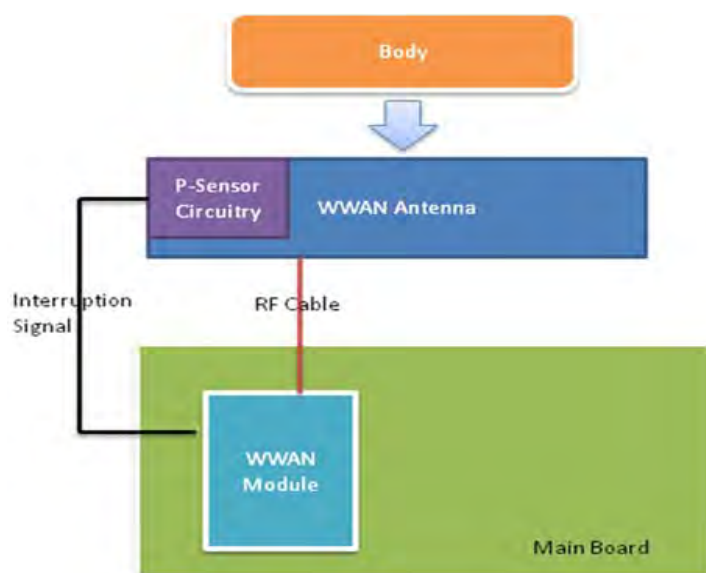
20. The antenna and sensor are collocated and the peak SAR location is overlapping with the sensor/antenna, so section 6.3 requirement is not required based on section 6.3 of 616217 D04.

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## 1.6 Proximity sensor operation description

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

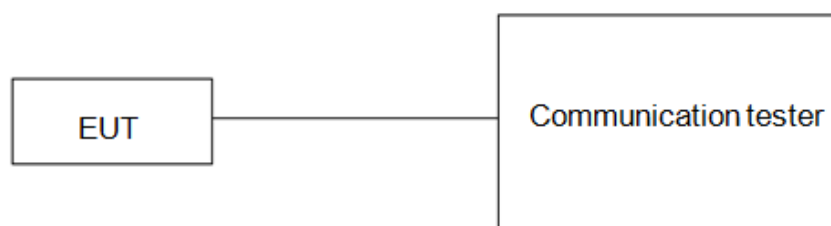


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### 1.6.1 Proximity sensor measurement procedure

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



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### 1.6.2 Trigger distances for back/top side

#### Test procedure:

1. The entire back surface or edge of the tablet is positioned below a flat phantom filled with the required tissue equivalent medium and positioned at least 20 mm further than the distance that triggers power reduction.
2. The back surface or edge is moved toward the phantom in 3 mm steps until the sensor triggers.
3. The back surface or edge is again moved toward the phantom, but in 1 mm steps, until it is at least 5 mm past the triggering point or touching the phantom
4. If the tablet is not touching the phantom, it is moved in 3 mm steps until it touches the phantom to confirm that the sensor remains triggered and the maximum power stays reduced.
5. The back surface or edge is then moved back (further away) from the phantom until maximum output power is returned to the normal maximum level.
6. The process is then reversed by moving the tablet away from the phantom to determine triggering release, until it is at least 10 mm beyond the point that triggers the return of normal maximum power.
7. The measured output power within  $\pm 5$  mm of the triggering points, or until the tablet is touching the phantom, for movements to and from the phantom should be tabulated.

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8. To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for movements to and from the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.
9. For back side, the trigger distance of proximity sensor is 15mm.
10. For top side, the trigger distance of proximity sensor is 18mm, and we perform the 1.6.3 tilt angle testing in next step.

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### 1.6.3 Tilt angle testing

#### Test procedure:

1. The influence of table tilt angles to proximity sensor triggering is determined by positioning each tablet edge that contains a transmitting antenna, perpendicular to the flat phantom, at the smallest sensor triggering test distance determined in sections 1.6.2 by rotating the tablet around the edge next to the phantom in  $\leq 10$  deg increments until the tablet is  $\pm 45$ deg or more from the vertical position at 0 deg.
2. If sensor triggering is released and normal maximum output power is restored within the  $\pm 45$ deg range, the procedures in step 1) should be repeated by reducing the tablet to phantom separation distance by 1 mm until the proximity sensor no longer releases triggering, and maximum output power remains in the reduced mode.
3. The smallest separation distance determined in steps 1) and 2), minus 1 mm, is the sensor triggering distance for tablet tilt coverage. The smallest separation distance determined in sections 1.6.2, 1.6.3 minus 1 mm should be used in the SAR measurements.
4. The influence of tablet tilt angles to proximity sensor triggering is determined by positioning top and right sides, please refer to table 1.6.5 and 1.6.6.
5. After the tilt angle testing for top side, the sensor is not released during  $\pm 45$ deg, so  $18-1=17$ mm, is the sensor triggering distance for tablet tilt coverage. The smallest separation distance minus 1 mm ( $17-1=16$ mm) should be used in the SAR measurements.

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#### 1.6.4 Proximity sensor coverage

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

Test procedure:

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

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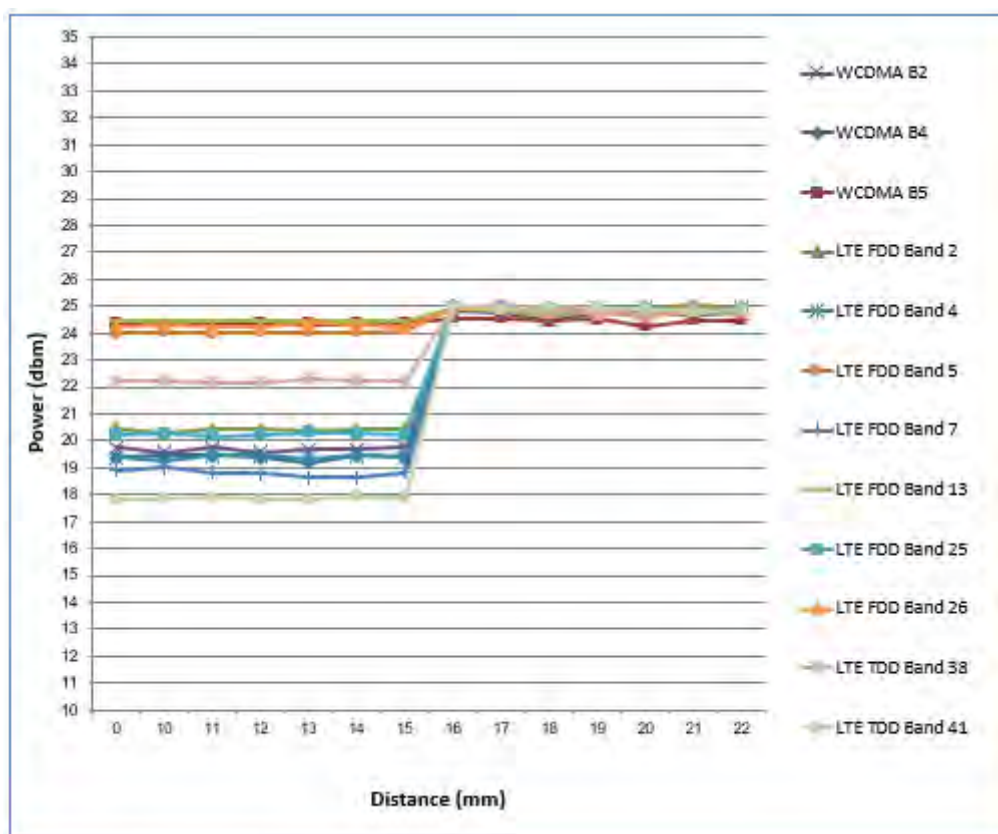
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## 1.6.5 Results

The measured output power within  $\pm 5$  mm of the triggering points, or until the tablet is touching the phantom, for movements to and from the phantom is tabulated in the following.

### Back side

Moving device toward the phantom

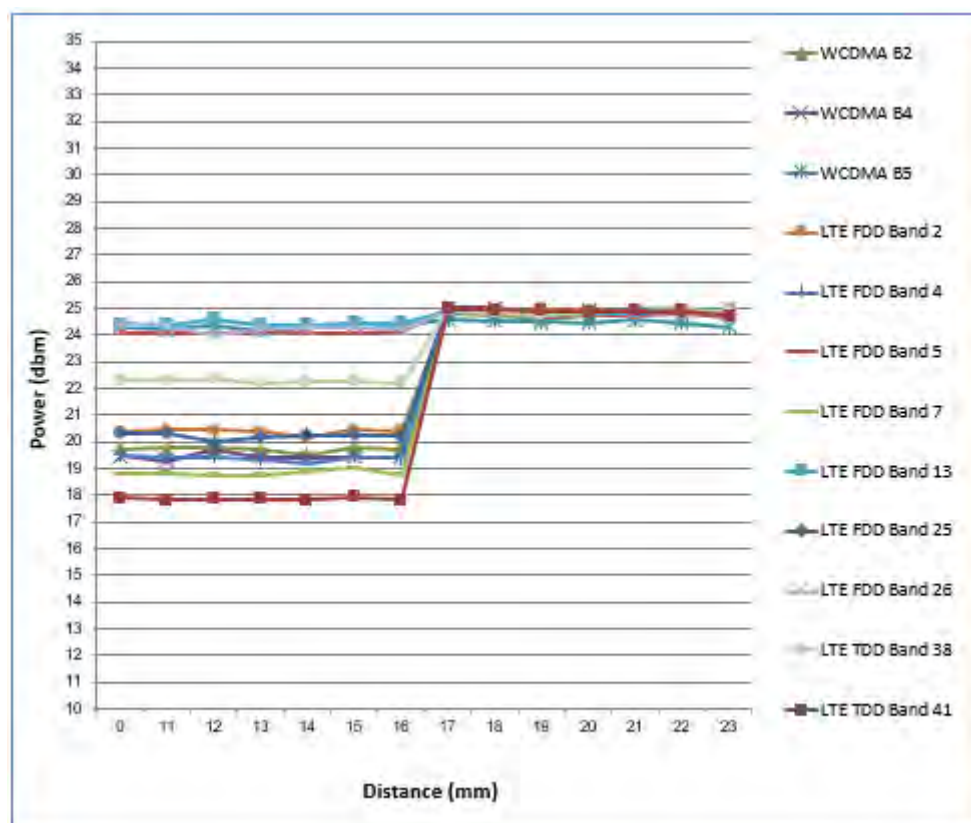


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## Moving device away from the phantom



For back side, the worst trigger distance of proximity sensor is 15mm, and we test backside SAR in 14mm without power reduction and 0mm with power reduction.

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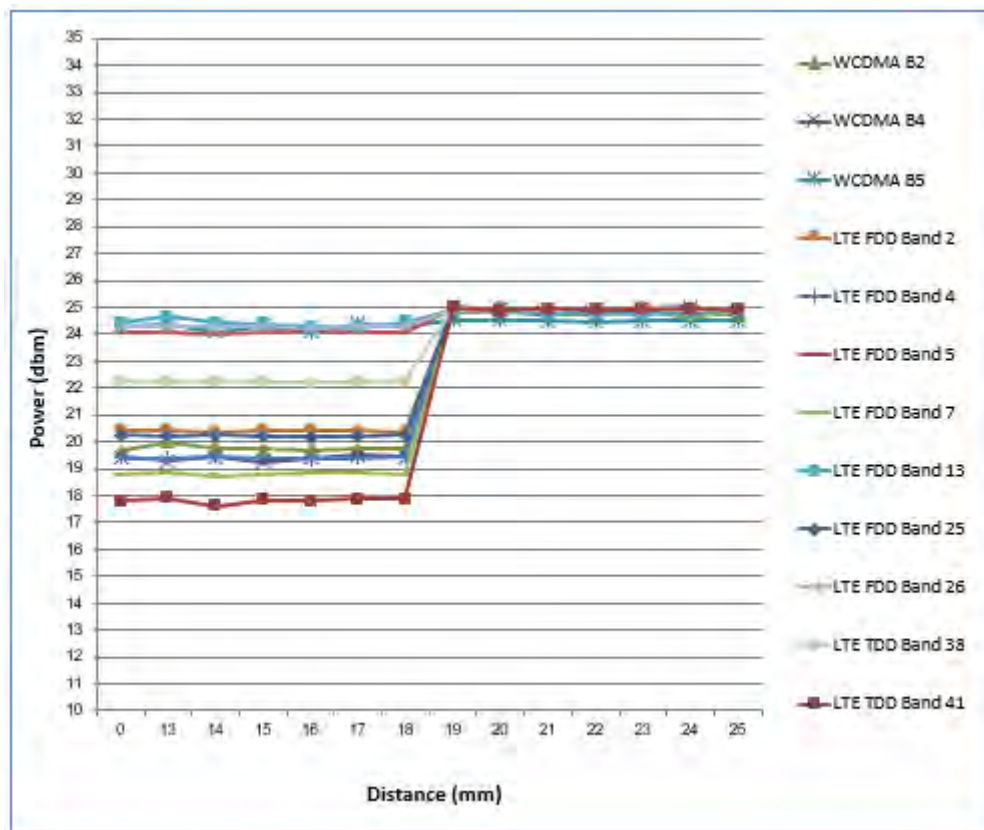
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## Top side

Moving device toward the phantom



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## Moving device away from the phantom

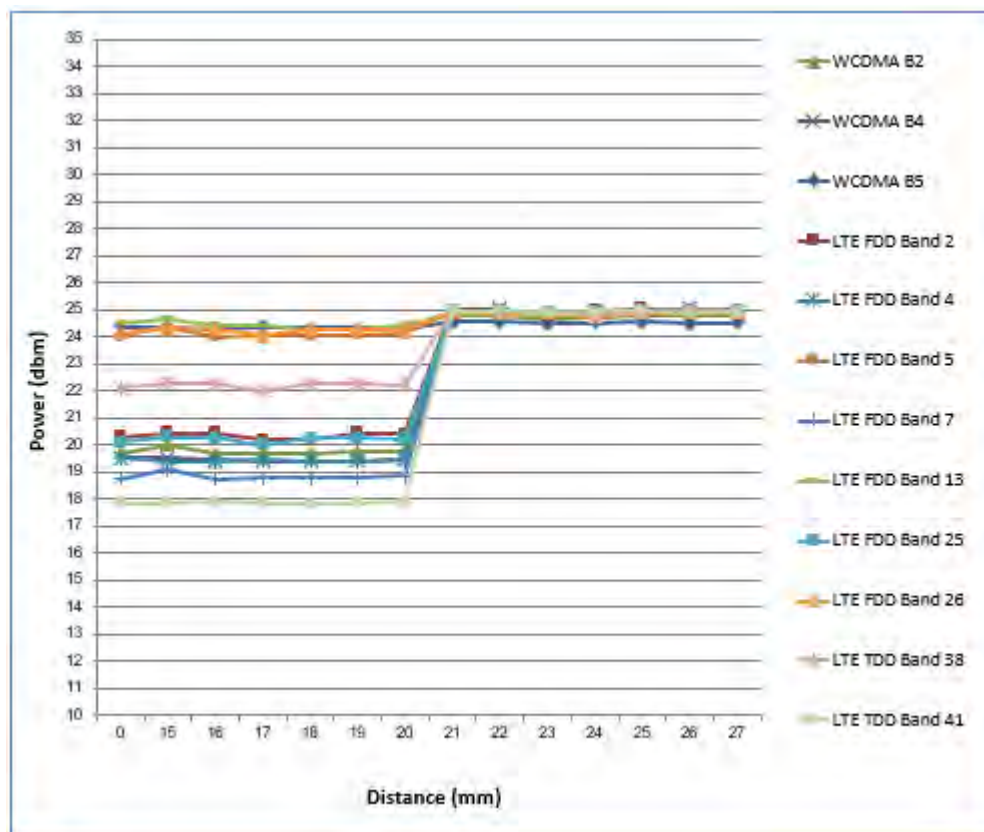


Table 1.6.5 Tilt angle test results for top side

P-sensor ON/OFF	-50 deg	-45 deg	-40 deg	-30 deg	-20 deg	-10 deg	0 deg	10 deg	20 deg	30 deg	40 deg	45 deg	50 deg
18mm	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON

During the tilt angle testing for top side, the sensor is not released in 18mm, so  $18-1=17\text{mm}$ , is the sensor triggering distance for tablet tilt coverage. The smallest separation distance minus 1 mm ( $17-1=16\text{mm}$ ) should be used in the SAR measurements for top side.

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## Note:

1. The triggering variations and hysteresis effect has been evaluated separately according to the tissue-equivalent medium required for each frequency band, and sensor triggering does not change with different tissue-equivalent media.
2. The default power level for sensor failure and malfunctioning, including all compliance concerns, has been addressed in the client's operation description (1.6.6) for the proximity sensor implementation to be acceptable.
3. Conducted power is monitored qualitatively to identify the general triggering characteristics and recorded quantitatively, versus spacing.

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### 1.6.6 Operation description for P-sensor

#### Power Reduction Design Specification (for P-sensor)

The mechanism of power reduction is used only for WWAN, not for Wi-Fi and Bluetooth. The reduced power for each technology/band is defined in Table1-1. With P-sensor mechanism, the WCDMA/LTE default power when P-sensor failure or malfunction are show in Table1-2 as below.

**Table1-1 : The power reduction scenario table**

Band	Power Reduction
GSM 850/1900	NO
WCDMA B2/4/5	YES
LTE B2/4/5/7/13/25/26	YES
LTE B12/17	NO
LTE B38/41	YES
WLAN	NO
BT	NO

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

Technology / Band	Mode	Default Maximum Power (dBm)
UMTS B2	All	20
UMTS B4	All	19.5
UMTS B5	All	24.5
LTE B2	All	20.5
LTE B4	All	19.5
LTE B5	All	24.5
LTE B7	All	19
LTE B13	All	24.5
LTE B25	All	20.5
LTE B26	All	24.5
LTE B38	All	22.5
LTE B41	All	18

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## 1.7 The SAR Measurement System

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

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

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

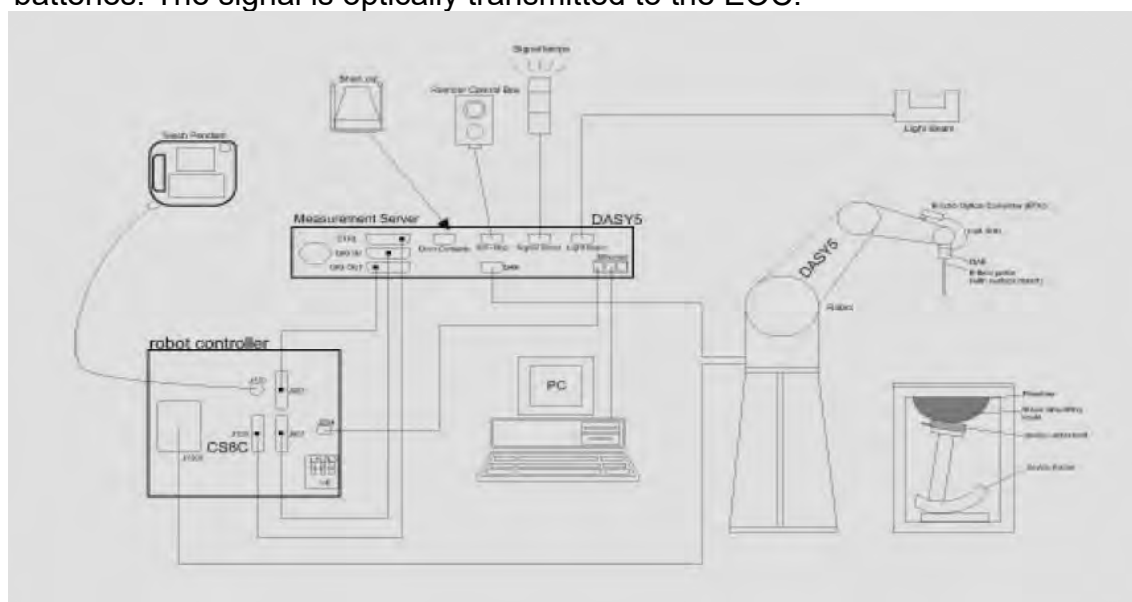


Fig. a The block diagram of SAR system

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


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## 1.8 System Components


### EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)		
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL 750/835/1750/1900/2450/2600/5200/ 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.	 <p>Device Holder</p>
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## 1.9 SAR System Verification

The microwave circuit arrangement for system verification is sketched in Fig. b. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within  $\pm 10\%$  from the target SAR values. These tests were done at 750/835/1750/1900/2450/2600/5200/5300/5600/5800MHz. 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  $\geq 15 \text{ cm} \pm 5 \text{ mm}$  (frequency  $\leq 3 \text{ GHz}$ ) or  $\geq 10 \text{ cm} \pm 5 \text{ mm}$  (frequency  $> 3 \text{ GHz}$ ) in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.

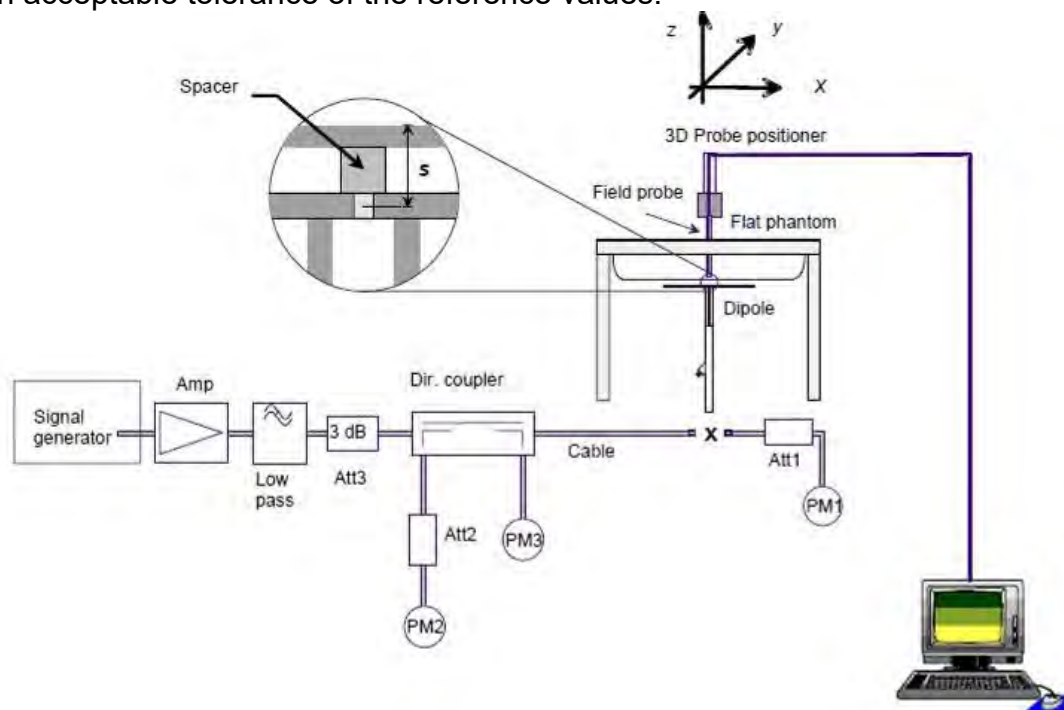


Fig. b The block diagram of system verification

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Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=250mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D750V3	1015	750	Head	8.23	2.08	8.32	1.09%	Jun. 24, 2019
D835V2	4d063	835	Head	9.48	2.30	9.20	-2.95%	Jun. 25, 2019
D1750V2	1008	1750	Head	36.5	8.98	35.92	-1.59%	Jun. 26, 2019
D1900V2	5d173	1900	Head	40.2	10.20	40.80	1.49%	Jun. 27, 2019
D2450V2	727	2450	Head	53	13.00	52.00	-1.89%	Jun. 14, 2019
D2600V2	1005	2600	Head	55.3	13.90	55.60	0.54%	Jun. 28, 2019
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	Head	79.2	8.48	84.80	7.07%	Jun. 14, 2019
		5300	Head	82.6	8.06	80.60	-2.42%	Jun. 16, 2019
		5600	Head	85.7	8.90	89.00	3.85%	Jun. 17, 2019
		5800	Head	80.4	8.02	80.20	-0.25%	Jun. 17, 2019

Table 1. Results of system verification

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## 1.10 Tissue Simulant Fluid for the Frequency Band

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

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

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$
Head	Jun, 14. 2019	2402.00	39.285	1.757	38.697	1.766	-1.50%	0.49%
		2412.00	39.268	1.766	38.692	1.779	-1.47%	0.72%
		2437.00	39.223	1.788	38.532	1.805	-1.76%	0.93%
		2441.00	39.216	1.792	38.530	1.810	-1.75%	1.00%
		2450.00	39.200	1.800	38.479	1.821	-1.84%	1.17%
		2462.00	39.185	1.813	38.441	1.833	-1.90%	1.10%
		2480.00	39.162	1.833	38.363	1.853	-2.04%	1.11%
		5200.00	35.986	4.655	36.580	4.629	1.65%	-0.56%
	Jun, 16. 2019	5210.00	35.974	4.665	36.460	4.661	1.35%	-0.09%
		5290.00	35.883	4.747	36.397	4.754	1.43%	0.14%
	Jun, 17. 2019	5300.00	35.871	4.758	36.303	4.762	1.20%	0.09%
		5530.00	35.609	4.993	35.491	5.091	-0.33%	1.96%
		5600.00	35.529	5.065	35.483	5.161	-0.13%	1.90%
		5610.00	35.517	5.075	35.396	5.187	-0.34%	2.20%
		5690.00	35.426	5.157	35.278	5.315	-0.42%	3.06%
		5775.00	35.329	5.244	34.947	5.452	-1.08%	3.96%
		5800.00	35.300	5.270	34.926	5.483	-1.06%	4.04%

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Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$
Head	Jun, 24. 2019	704.00	42.181	0.890	43.563	0.858	3.28%	-3.57%
		707.50	42.162	0.890	43.560	0.866	3.31%	-2.70%
		709.00	42.155	0.890	43.512	0.871	3.22%	-2.15%
		710.00	42.149	0.890	43.495	0.873	3.19%	-1.94%
		711.00	42.144	0.890	43.414	0.875	3.01%	-1.72%
		750.00	41.942	0.893	42.888	0.912	2.26%	2.08%
		782.00	41.775	0.896	42.420	0.940	1.54%	4.93%
		793.00	41.718	0.897	42.261	0.941	1.30%	4.94%
	Jun, 25. 2019	821.50	41.570	0.899	42.869	0.874	3.12%	-2.78%
		824.20	41.556	0.899	42.859	0.875	3.14%	-2.69%
		826.40	41.545	0.899	42.813	0.876	3.05%	-2.59%
		829.00	41.531	0.900	42.760	0.878	2.96%	-2.39%
		831.50	41.518	0.900	42.751	0.883	2.97%	-1.86%
		835.00	41.500	0.900	42.699	0.887	2.89%	-1.44%
		836.50	41.492	0.900	42.671	0.890	2.84%	-1.12%
		836.60	41.500	0.902	42.670	0.891	2.82%	-1.19%
		841.50	41.500	0.907	42.606	0.892	2.67%	-1.65%
		844.00	41.500	0.910	42.590	0.895	2.63%	-1.62%
		846.60	41.500	0.912	42.580	0.898	2.60%	-1.59%
		848.80	41.500	0.915	42.550	0.899	2.53%	-1.73%
	Jun, 26. 2019	1712.40	40.138	1.349	40.732	1.307	1.48%	-3.13%
		1720.00	40.126	1.354	40.723	1.317	1.49%	-2.71%
		1732.40	40.107	1.361	40.675	1.323	1.42%	-2.78%
		1732.50	40.107	1.361	40.662	1.326	1.38%	-2.57%
		1745.00	40.087	1.368	40.659	1.332	1.43%	-2.64%
		1750.00	40.079	1.371	40.655	1.336	1.44%	-2.56%
		1752.60	40.075	1.373	40.613	1.339	1.34%	-2.44%
	Jun, 27. 2019	1850.20	40.000	1.400	40.305	1.409	0.76%	0.64%
		1852.40	40.000	1.400	40.289	1.417	0.72%	1.21%
		1860.00	40.000	1.400	40.240	1.426	0.60%	1.86%
		1880.00	40.000	1.400	40.193	1.437	0.48%	2.64%
		1882.50	40.000	1.400	40.185	1.441	0.46%	2.93%
		1900.00	40.000	1.400	40.114	1.450	0.28%	3.57%
		1905.00	40.000	1.400	40.102	1.458	0.25%	4.14%
		1907.60	40.000	1.400	40.060	1.459	0.15%	4.21%
	Jun, 28. 2019	1909.80	40.000	1.400	40.052	1.461	0.13%	4.36%
		2506.00	39.129	1.861	38.410	1.853	-1.84%	-0.43%
		2510.00	39.124	1.865	38.409	1.864	-1.83%	-0.08%
		2535.00	39.092	1.893	38.318	1.895	-1.98%	0.12%
		2549.50	39.073	1.909	38.260	1.913	-2.08%	0.23%
		2560.00	39.060	1.920	38.229	1.926	-2.13%	0.31%
		2580.00	39.035	1.942	38.171	1.949	-2.21%	0.37%
		2593.00	39.018	1.956	38.152	1.958	-2.22%	0.10%
		2595.00	39.015	1.958	38.131	1.961	-2.27%	0.14%
		2600.00	39.009	1.964	38.071	1.972	-2.40%	0.43%
		2610.00	38.996	1.975	38.054	1.975	-2.42%	0.02%
		2636.50	38.963	2.003	38.047	1.978	-2.35%	-1.27%
		2680.00	38.907	2.051	38.023	1.988	-2.27%	-3.07%

Table 2. Dielectric Parameters of Tissue Simulant Fluid

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

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The composition of the body tissue simulating liquid:

Frequency (MHz)	Mode	Ingredient						Total amount
		DGMBE	Water	Salt	Preventol D-7	Cellulose	Sugar	
750	Head	—	532.98 g	18.3 g	2.4 g	3.2 g	766 g	1.3L(Kg)
850	Head	—	532.98 g	18.3 g	2.4 g	3.2 g	766 g	1.3L(Kg)
1750	Head	444.52 g	552.42 g	3.06 g	—	—	—	1.0L(Kg)
1900	Head	444.52 g	552.42 g	3.06 g	—	—	—	1.0L(Kg)
2450	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
2600	Head	550ml	450ml	—	—	—	—	1.0L(Kg)

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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### 1.11 Evaluation Procedures

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

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

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

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

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

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these cube measurements.

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

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

## 1.12 Probe Calibration Procedures

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

### 1.12.1 Transfer Calibration with Temperature Probes

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

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

whereby  $\sigma$  is the conductivity,  $\rho$  the density and  $c$  the heat capacity of the liquid.

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

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

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

### 1.12.2 Calibration with Analytical Fields

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

When using calculated fields in lossy liquids for probe calibration, several points must be considered in the assessment of the uncertainty:

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

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

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### 1.13 Test Standards and Limits

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

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

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

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

Table 4. RF exposure limits

Notes:

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

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## 2. Summary of Results

### 2.1 Decision rules

Reported measurement data comply with IEEE 1528-2013:

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

### 2.2 Summary of Results

#### GPRS 850 (without power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn4Up>	Back side	0	190	836.6	28.00	27.76	5.68%	0.492	0.520	-
	Top side	0	128	824.2	28.00	27.43	14.02%	0.599	0.683	290
	Top side	0	190	836.6	28.00	27.76	5.68%	0.494	0.522	-
	Top side	0	251	848.8	28.00	27.40	14.82%	0.512	0.588	-
	Bottom side	0	190	836.6	28.00	27.76	5.68%	0.008	0.009	-
	Right side	0	190	836.6	28.00	27.76	5.68%	0.104	0.110	-
	Left side	0	190	836.6	28.00	27.76	5.68%	0.024	0.025	-

#### GPRS 1900 (without power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 1900 <1Dn3Up>	Back side	0	512	1850.2	26.50	26.43	1.62%	0.334	0.339	-
	Top side	0	512	1850.2	26.50	26.43	1.62%	0.626	0.636	-
	Top side	0	661	1880	26.50	26.37	3.04%	0.668	0.688	291
	Top side	0	810	1909.8	26.50	26.42	1.86%	0.635	0.647	-
	Bottom side	0	512	1850.2	26.50	26.43	1.62%	0.025	0.025	-
	Right side	0	512	1850.2	26.50	26.43	1.62%	0.161	0.164	-
	Left side	0	512	1850.2	26.50	26.43	1.62%	0.026	0.026	-

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### WCDMA Band II (without power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Back side	14	9262	1852.4	25.00	24.80	4.71%	0.138	0.145	-
	Top side	16	9262	1852.4	25.00	24.80	4.71%	0.229	0.240	-
	Bottom side	0	9262	1852.4	25.00	24.80	4.71%	0.025	0.027	-
	Right side	0	9262	1852.4	25.00	24.80	4.71%	0.168	0.176	-
	Left side	0	9262	1852.4	25.00	24.80	4.71%	0.029	0.030	-

### WCDMA Band II (with power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Back side	0	9262	1852.4	20.00	19.79	4.95%	0.313	0.329	-
	Top side	0	9262	1852.4	20.00	19.79	4.95%	0.631	0.662	-
	Top side	0	9400	1880	20.00	19.72	6.66%	0.637	0.679	-
	Top side	0	9538	1907.6	20.00	19.65	8.39%	0.638	0.692	292

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### WCDMA Band IV (without power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Back side	14	1513	1752.6	25.00	25.00	0.00%	0.169	0.169	-
	Top side	16	1513	1752.6	25.00	25.00	0.00%	0.416	0.416	-
	Bottom side	0	1513	1752.6	25.00	25.00	0.00%	0.023	0.023	-
	Right side	0	1513	1752.6	25.00	25.00	0.00%	0.076	0.076	-
	Left side	0	1513	1752.6	25.00	25.00	0.00%	0.007	0.007	-

### WCDMA Band IV (with power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Back side	0	1513	1752.6	19.50	19.48	0.46%	0.278	0.279	-
	Top side	0	1312	1712.4	19.50	19.44	1.39%	0.661	0.670	-
	Top side	0	1412	1732.4	19.50	19.43	1.62%	0.663	0.674	293
	Top side	0	1513	1752.6	19.50	19.48	0.46%	0.656	0.659	-

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### WCDMA Band V (without power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Back side	14	4233	846.6	25.00	24.55	10.92%	0.345	0.383	-
	Top side	16	4233	846.6	25.00	24.55	10.92%	0.231	0.256	-
	Bottom side	0	4233	846.6	25.00	24.55	10.92%	0.007	0.008	-
	Right side	0	4233	846.6	25.00	24.55	10.92%	0.113	0.125	-
	Left side	0	4233	846.6	25.00	24.55	10.92%	0.025	0.028	-

### WCDMA Band V (with power reduction)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Back side	0	4233	846.6	24.50	24.39	2.57%	0.619	0.635	-
	Top side	0	4132	826.4	24.50	24.25	5.93%	0.624	0.661	-
	Top side	0	4183	836.6	24.50	24.27	5.44%	0.640	0.675	294
	Top side	0	4233	846.6	24.50	24.39	2.57%	0.632	0.648	-

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## LTE FDD Band 2 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1 RB	50	Back side	14	18700	1860	25	24.99	0.23%	0.145	0.145	-
					Top side	16	18700	1860	25	24.99	0.23%	0.232	0.233	-
					Bottom side	0	18700	1860	25	24.99	0.23%	0.028	0.028	-
					Right side	0	18700	1860	25	24.99	0.23%	0.173	0.173	-
					Left side	0	18700	1860	25	24.99	0.23%	0.033	0.033	-
			50 RB	50	Back side	14	18700	1860	24	23.97	0.69%	0.142	0.143	-
					Top side	16	18700	1860	24	23.97	0.69%	0.228	0.230	-
					Bottom side	0	18700	1860	24	23.97	0.69%	0.017	0.018	-
					Right side	0	18700	1860	24	23.97	0.69%	0.167	0.168	-
					Left side	0	18700	1860	24	23.97	0.69%	0.032	0.032	-
			100 RB		Back side	14	18700	1860	24	23.89	2.57%	0.137	0.141	-
					Top side	16	18700	1860	24	23.89	2.57%	0.222	0.228	-
					Bottom side	0	18700	1860	24	23.89	2.57%	0.016	0.016	-
					Right side	0	18700	1860	24	23.89	2.57%	0.162	0.166	-
					Left side	0	18700	1860	24	23.89	2.57%	0.031	0.032	-

## LTE FDD Band 2 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1 RB	50	Back side	0	18700	1860	20.5	20.47	0.69%	0.311	0.313	-
					Top side	0	18700	1860	20.5	20.47	0.69%	0.643	0.647	-
					Top side	0	18900	1880	20.5	20.45	1.16%	0.708	0.716	295
			99		Top side	0	19100	1900	20.5	20.41	2.09%	0.663	0.677	-
					Top side	0	18900	1880	19.5	19.43	1.62%	0.617	0.627	-
					Top side	0	19100	1900	19.5	19.38	2.80%	0.606	0.623	-
			50 RB	0	Back side	0	18700	1860	19.5	19.47	0.69%	0.299	0.301	-
					Top side	0	18700	1860	19.5	19.47	0.69%	0.598	0.602	-
					Back side	0	18700	1860	19.5	19.37	3.04%	0.287	0.296	-
			100 RB		Top side	0	18700	1860	19.5	19.37	3.04%	0.574	0.591	-
					Top side	0	18900	1880	19.5	19.36	3.28%	0.589	0.608	-
					Top side	0	19100	1900	19.5	19.35	3.51%	0.601	0.622	-

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### LTE FDD Band 4 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 4	20MHz	QPSK	1 RB	0	Back side	14	20050	1720	25	24.98	0.46%	0.177	0.178	-
					Top side	16	20050	1720	25	24.98	0.46%	0.421	0.423	-
					Bottom side	0	20050	1720	25	24.98	0.46%	0.024	0.024	-
					Right side	0	20050	1720	25	24.98	0.46%	0.079	0.079	-
			50 RB	0	Left side	0	20050	1720	25	24.98	0.46%	0.008	0.008	-
					Back side	14	20050	1720	24	23.88	2.80%	0.159	0.163	-
					Top side	16	20050	1720	24	23.88	2.80%	0.396	0.407	-
					Bottom side	0	20050	1720	24	23.88	2.80%	0.019	0.019	-
			100 RB	0	Right side	0	20050	1720	24	23.88	2.80%	0.053	0.055	-
					Left side	0	20050	1720	24	23.88	2.80%	0.006	0.006	-
					Back side	14	20050	1720	24	23.80	4.71%	0.151	0.158	-
					Top side	16	20050	1720	24	23.80	4.71%	0.381	0.399	-
					Bottom side	0	20050	1720	24	23.80	4.71%	0.018	0.019	-
					Right side	0	20050	1720	24	23.80	4.71%	0.049	0.051	-
					Left side	0	20050	1720	24	23.80	4.71%	0.006	0.006	-
					Back side	0	20050	1720	24	23.80	4.71%	0.006	0.006	-

### LTE FDD Band 4 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 4	20MHz	QPSK	1 RB	0	Back side	0	20050	1720	19.5	19.46	0.93%	0.318	0.321	-
					Top side	0	20050	1720	19.5	19.46	0.93%	0.636	0.642	-
					Top side	0	20300	1745	19.5	19.45	1.16%	0.640	0.647	-
					Top side	0	20175	1732.5	19.5	19.44	1.39%	0.662	0.671	296
			50 RB	0	Back side	0	20050	1720	18.5	18.48	0.46%	0.243	0.244	-
					Top side	0	20050	1720	18.5	18.48	0.46%	0.593	0.596	-
					Top side	0	20175	1732.5	18.5	18.45	1.16%	0.564	0.571	-
					Top side	0	20300	1745	18.5	18.46	0.93%	0.571	0.576	-
			100 RB	0	Back side	0	20050	1720	18.5	18.49	0.23%	0.239	0.240	-
					Top side	0	20050	1720	18.5	18.49	0.23%	0.561	0.562	-
					Top side	0	20175	1732.5	18.5	18.46	0.93%	0.588	0.593	-
					Top side	0	20300	1745	18.5	18.44	1.39%	0.574	0.582	-

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### LTE FDD Band 5 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 5	10MHz	QPSK	1 RB	49	Back side	14	20450	829	25	24.96	0.93%	0.358	0.361	-
					Top side	16	20450	829	25	24.96	0.93%	0.241	0.243	-
					Bottom side	0	20450	829	25	24.96	0.93%	0.009	0.009	-
					Right side	0	20450	829	25	24.96	0.93%	0.120	0.121	-
			25 RB	12	Left side	0	20450	829	25	24.96	0.93%	0.029	0.029	-
					Back side	14	20450	829	24	24.00	0.00%	0.351	0.351	-
					Top side	16	20450	829	24	24.00	0.00%	0.235	0.235	-
					Bottom side	0	20450	829	24	24.00	0.00%	0.008	0.008	-
			50 RB		Right side	0	20450	829	24	24.00	0.00%	0.113	0.113	-
					Left side	0	20450	829	24	24.00	0.00%	0.021	0.021	-
					Back side	14	20450	829	24	23.02	25.31%	0.346	0.434	-
					Top side	16	20450	829	24	23.02	25.31%	0.223	0.279	-
					Bottom side	0	20450	829	24	23.02	25.31%	0.006	0.008	-
					Right side	0	20450	829	24	23.02	25.31%	0.078	0.098	-
					Left side	0	20450	829	24	23.02	25.31%	0.020	0.025	-

### LTE FDD Band 5 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 5	10MHz	QPSK	1 RB	25	Back side	0	20525	836.5	24.5	24.11	9.40%	0.522	0.571	-
					Back side	0	20600	844	24.5	24.09	9.90%	0.534	0.587	-
				49	Back side	0	20450	829	24.5	24.12	9.14%	0.604	0.659	297
					Top side	0	20450	829	24.5	24.12	9.14%	0.586	0.640	-
			25 RB	0	Back side	0	20600	844	23.5	23.24	6.17%	0.442	0.469	-
					Back side	0	20450	829	23.5	23.28	5.20%	0.526	0.553	-
				12	Top side	0	20450	829	23.5	23.28	5.20%	0.481	0.506	-
					Back side	0	20525	836.5	23.5	23.25	5.93%	0.454	0.481	-
			50 RB		Back side	0	20450	829	23.5	23.24	6.17%	0.514	0.546	-
					Back side	0	20525	836.5	23.5	23.14	8.64%	0.432	0.469	-
					Back side	0	20600	844	23.5	23.23	6.41%	0.411	0.437	-
					Top side	0	20450	829	23.5	23.24	6.17%	0.464	0.493	-

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### LTE FDD Band 7 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 7	20MHz	QPSK	1 RB	50	Back side	14	20850	2510	25	24.92	1.86%	0.093	0.095	-
					Top side	16	20850	2510	25	24.92	1.86%	0.232	0.236	-
					Bottom side	0	20850	2510	25	24.92	1.86%	0.027	0.028	-
					Right side	0	20850	2510	25	24.92	1.86%	0.040	0.041	-
			50 RB	50	Left side	0	20850	2510	25	24.92	1.86%	0.034	0.035	-
					Back side	14	20850	2510	24	23.17	21.06%	0.086	0.104	-
					Top side	16	20850	2510	24	23.17	21.06%	0.229	0.277	-
					Bottom side	0	20850	2510	24	23.17	21.06%	0.021	0.025	-
					Right side	0	20850	2510	24	23.17	21.06%	0.031	0.038	-
					Left side	0	20850	2510	24	23.17	21.06%	0.027	0.033	-
			100 RB	50	Back side	14	20850	2510	24	23.14	21.90%	0.082	0.100	-
					Top side	16	20850	2510	24	23.14	21.90%	0.221	0.269	-
					Bottom side	0	20850	2510	24	23.14	21.90%	0.019	0.023	-
					Right side	0	20850	2510	24	23.14	21.90%	0.029	0.035	-
					Left side	0	20850	2510	24	23.14	21.90%	0.026	0.032	-

### LTE FDD Band 7 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 7	20MHz	QPSK	1 RB	50	Back side	0	20850	2510	19	18.85	3.51%	0.274	0.284	-
					Top side	0	20850	2510	19	18.85	3.51%	0.667	0.690	298
					Top side	0	21100	2535	19	18.79	4.95%	0.637	0.669	-
			99	50	Top side	0	21350	2560	19	18.78	5.20%	0.647	0.681	-
					Top side	0	21100	2535	18	17.69	7.40%	0.513	0.551	-
					Back side	0	20850	2510	18	17.92	1.86%	0.192	0.196	-
			50 RB	50	Top side	0	20850	2510	18	17.92	1.86%	0.496	0.505	-
					Top side	0	21350	2560	18	17.77	5.44%	0.488	0.515	-
					Back side	0	20850	2510	18	17.79	4.95%	0.181	0.190	-
			100 RB	50	Top side	0	20850	2510	18	17.79	4.95%	0.474	0.497	-
					Top side	0	21100	2535	18	17.63	8.89%	0.495	0.539	-
					Top side	0	21350	2560	18	17.73	6.41%	0.486	0.517	-

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## LTE FDD Band 12 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 12	10MHz	QPSK	1 RB	25	Back side	0	23060	704	25	24.99	0.23%	0.479	0.480	-
					Back side	0	23095	707.5	25	23.99	26.18%	0.484	0.611	299
					Top side	0	23060	704	25	24.99	0.23%	0.468	0.469	-
					Bottom side	0	23060	704	25	24.99	0.23%	0.028	0.028	-
					Right side	0	23060	704	25	24.99	0.23%	0.059	0.059	-
					Left side	0	23060	704	25	24.99	0.23%	0.019	0.019	-
				49	Back side	0	23130	711	25	24.35	16.14%	0.352	0.409	-
			25 RB	12	Back side	0	23130	711	24	23.18	20.78%	0.476	0.575	-
					Back side	0	23060	704	24	23.98	0.46%	0.479	0.481	-
					Back side	0	23095	707.5	24	22.28	48.59%	0.470	0.698	-
					Top side	0	23060	704	24	23.98	0.46%	0.461	0.463	-
					Bottom side	0	23060	704	24	23.98	0.46%	0.026	0.026	-
					Right side	0	23060	704	24	23.98	0.46%	0.054	0.054	-
					Left side	0	23060	704	24	23.98	0.46%	0.015	0.015	-
			50 RB		Back side	0	23060	704	24	23.98	0.46%	0.469	0.471	-
					Back side	0	23095	707.5	24	22.21	51.01%	0.457	0.690	-
					Back side	0	23130	711	24	23.01	25.60%	0.458	0.575	-
					Top side	0	23060	704	24	23.98	0.46%	0.457	0.459	-
					Bottom side	0	23060	704	24	23.98	0.46%	0.024	0.024	-
					Right side	0	23060	704	24	23.98	0.46%	0.051	0.051	-
					Left side	0	23060	704	24	23.98	0.46%	0.009	0.009	-

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### LTE FDD Band 13 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 13	10MHz	QPSK	1 RB	25	Back side	14	23230	782	25	24.89	2.57%	0.237	0.243	-
					Top side	16	23230	782	25	24.89	2.57%	0.114	0.117	-
					Bottom side	0	23230	782	25	24.89	2.57%	0.031	0.032	-
					Right side	0	23230	782	25	24.89	2.57%	0.069	0.071	-
			25 RB	12	Left side	0	23230	782	25	24.89	2.57%	0.023	0.023	-
					Back side	14	23230	782	24	23.98	0.46%	0.164	0.165	-
					Top side	16	23230	782	24	23.98	0.46%	0.101	0.101	-
					Bottom side	0	23230	782	24	23.98	0.46%	0.025	0.025	-
			50 RB	12	Right side	0	23230	782	24	23.98	0.46%	0.063	0.064	-
					Left side	0	23230	782	24	23.98	0.46%	0.018	0.018	-
					Back side	14	23230	782	24	23.81	4.47%	0.157	0.164	-
					Top side	16	23230	782	24	23.81	4.47%	0.097	0.101	-
					Bottom side	0	23230	782	24	23.81	4.47%	0.024	0.025	-
					Right side	0	23230	782	24	23.81	4.47%	0.062	0.065	-
					Left side	0	23230	782	24	23.81	4.47%	0.018	0.018	-

### LTE FDD Band 13 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 13	10MHz	QPSK	1 RB	0	Top side	0	23230	782	24.5	24.45	1.16%	0.697	0.705	-
				25	Back side	0	23230	782	24.5	24.46	0.93%	0.689	0.695	-
				49	Top side	0	23230	782	24.5	24.46	0.93%	0.704	0.711	-
			25 RB	0	Top side	0	23230	782	24.5	24.43	1.62%	0.706	0.717	300
				12	Top side	0	23230	782	23.5	23.17	7.89%	0.531	0.573	-
				12	Back side	0	23230	782	23.5	23.21	6.91%	0.477	0.510	-
				25	Top side	0	23230	782	23.5	23.21	6.91%	0.493	0.527	-
			50 RB	0	Top side	0	23230	782	23.5	23.12	9.14%	0.512	0.559	-
				0	Back side	0	23230	782	23.5	23.14	8.64%	0.469	0.510	-
				0	Top side	0	23230	782	23.5	23.14	8.64%	0.476	0.517	-

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### LTE FDD Band 17 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 17	10MHz	QPSK	1 RB	0	Back side	0	23780	709	25	24.94	1.39%	0.494	0.501	-
					Back side	0	23790	710	25	23.97	26.77%	0.504	0.639	301
					Top side	0	23780	709	25	24.94	1.39%	0.488	0.495	-
					Bottom side	0	23780	709	25	24.94	1.39%	0.036	0.036	-
					Right side	0	23780	709	25	24.94	1.39%	0.073	0.074	-
					Left side	0	23780	709	25	24.94	1.39%	0.026	0.027	-
				25	Back side	0	23800	711	25	24.13	22.18%	0.471	0.575	-
			25 RB	12	Back side	0	23780	709	24	23.97	0.69%	0.469	0.472	-
					Back side	0	23800	711	24	23.04	24.74%	0.364	0.454	-
					Top side	0	23780	709	24	23.97	0.69%	0.445	0.448	-
					Bottom side	0	23780	709	24	23.97	0.69%	0.024	0.024	-
					Right side	0	23780	709	24	23.97	0.69%	0.072	0.072	-
					Left side	0	23780	709	24	23.97	0.69%	0.024	0.024	-
				25	Back side	0	23790	710	24	22.12	54.17%	0.312	0.481	-
			50 RB		Back side	0	23780	709	24	23.95	1.16%	0.459	0.464	-
					Back side	0	23790	710	24	22.12	54.17%	0.307	0.473	-
					Back side	0	23800	711	24	23.06	24.17%	0.347	0.431	-
					Top side	0	23780	709	24	23.95	1.16%	0.427	0.432	-
					Bottom side	0	23780	709	24	23.95	1.16%	0.023	0.023	-
					Right side	0	23780	709	24	23.95	1.16%	0.070	0.070	-
					Left side	0	23780	709	24	23.95	1.16%	0.022	0.022	-

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## LTE FDD Band 25 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 25	20MHz	QPSK	1 RB	0	Back side	14	26140	1860	25	24.96	0.93%	0.138	0.139	-
					Top side	16	26140	1860	25	24.96	0.93%	0.247	0.249	-
					Bottom side	0	26140	1860	25	24.96	0.93%	0.026	0.026	-
					Right side	0	26140	1860	25	24.96	0.93%	0.161	0.162	-
			50 RB	0	Left side	0	26140	1860	25	24.96	0.93%	0.030	0.030	-
					Back side	14	26140	1860	24	23.88	2.80%	0.124	0.127	-
					Top side	16	26140	1860	24	23.88	2.80%	0.231	0.237	-
					Bottom side	0	26140	1860	24	23.88	2.80%	0.024	0.025	-
					Right side	0	26140	1860	24	23.88	2.80%	0.137	0.141	-
					Left side	0	26140	1860	24	23.88	2.80%	0.026	0.027	-
			100 RB	0	Back side	14	26140	1860	24	23.72	6.66%	0.117	0.125	-
					Top side	16	26140	1860	24	23.72	6.66%	0.223	0.238	-
					Bottom side	0	26140	1860	24	23.72	6.66%	0.023	0.025	-
					Right side	0	26140	1860	24	23.72	6.66%	0.125	0.133	-
					Left side	0	26140	1860	24	23.72	6.66%	0.025	0.027	-

## LTE FDD Band 25 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 25	20MHz	QPSK	1 RB	0	Back side	0	26140	1860	20.5	20.28	5.20%	0.346	0.364	-
					Top side	0	26140	1860	20.5	20.28	5.20%	0.647	0.681	-
					Top side	0	26365	1882.5	20.5	20.25	5.93%	0.651	0.690	-
					Top side	0	26590	1905	20.5	20.26	5.68%	0.673	0.711	302
			50 RB	0	Back side	0	26140	1860	19.5	19.18	7.65%	0.216	0.233	-
					Top side	0	26140	1860	19.5	19.18	7.65%	0.513	0.552	-
					Top side	0	26365	1882.5	19.5	19.06	10.66%	0.529	0.585	-
					Top side	0	26590	1905	19.5	19.07	10.41%	0.526	0.581	-
			100 RB	0	Back side	0	26140	1860	19.5	19.19	7.40%	0.204	0.219	-
					Top side	0	26140	1860	19.5	19.19	7.40%	0.509	0.547	-
					Top side	0	26365	1882.5	19.5	19.08	10.15%	0.514	0.566	-
					Top side	0	26590	1905	19.5	19.15	8.39%	0.534	0.579	-

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### LTE FDD Band 26 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 26	15MHz	QPSK	1 RB	36	Back side	14	26765	821.5	25	24.92	1.86%	0.327	0.333	-
					Top side	16	26765	821.5	25	24.92	1.86%	0.233	0.237	-
					Bottom side	0	26765	821.5	25	24.92	1.86%	0.007	0.007	-
					Right side	0	26765	821.5	25	24.92	1.86%	0.106	0.108	-
			36 RB	37	Left side	0	26765	821.5	25	24.92	1.86%	0.021	0.022	-
					Back side	14	26765	821.5	24	23.94	1.39%	0.307	0.311	-
					Top side	16	26765	821.5	24	23.94	1.39%	0.218	0.221	-
					Bottom side	0	26765	821.5	24	23.94	1.39%	0.005	0.006	-
			75 RB		Right side	0	26765	821.5	24	23.94	1.39%	0.096	0.097	-
					Left side	0	26765	821.5	24	23.94	1.39%	0.020	0.020	-
					Back side	14	26765	821.5	24	23.85	3.51%	0.293	0.303	-
					Top side	16	26765	821.5	24	23.85	3.51%	0.196	0.203	-
					Bottom side	0	26765	821.5	24	23.85	3.51%	0.005	0.006	-
					Right side	0	26765	821.5	24	23.85	3.51%	0.094	0.097	-
					Left side	0	26765	821.5	24	23.85	3.51%	0.019	0.020	-

### LTE FDD Band 26 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
												Measured	Reported		
LTE Band 26	15MHz	QPSK	1 RB	36	Back side	0	26765	821.5	24.5	24.32	4.23%	0.729	0.760	303	
					Back side	0	26865	831.5	24.5	24.25	5.93%	0.709	0.751	-	
					Top side	0	26765	821.5	24.5	24.32	4.23%	0.679	0.708	-	
				74	Back side	0	26965	841.5	24.5	24.26	5.68%	0.701	0.741	-	
			36 RB	0	Back side	0	26965	841.5	23.5	23.27	5.44%	0.533	0.562	-	
					18	Back side	0	26865	831.5	23.5	23.31	4.47%	0.529	0.553	-
					37	Back side	0	26765	821.5	23.5	23.36	3.28%	0.541	0.559	-
						Top side	0	26765	821.5	23.5	23.36	3.28%	0.411	0.424	-
			75 RB		Back side	0	26765	821.5	23.5	23.26	5.68%	0.552	0.583	-	
					Back side	0	26865	831.5	23.5	23.14	8.64%	0.547	0.594	-	
					Back side	0	26965	841.5	23.5	23.17	7.89%	0.548	0.591	-	
					Top side	0	26765	821.5	23.5	23.26	5.68%	0.423	0.447	-	

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### LTE TDD Band 38 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 38	20MHz	QPSK	1 RB	50	Back side	14	37850	2580	25	24.96	0.93%	0.028	0.028	-
					Top side	16	37850	2580	25	24.96	0.93%	0.067	0.068	-
					Bottom side	0	37850	2580	25	24.96	0.93%	0.009	0.009	-
					Right side	0	37850	2580	25	24.96	0.93%	0.013	0.014	-
			50 RB	25	Left side	0	37850	2580	25	24.96	0.93%	0.011	0.012	-
					Back side	14	38150	2610	24	23.46	13.24%	0.017	0.019	-
					Top side	16	38150	2610	24	23.46	13.24%	0.055	0.062	-
					Bottom side	0	38150	2610	24	23.46	13.24%	0.006	0.007	-
			100 RB	25	Right side	0	38150	2610	24	23.46	13.24%	0.011	0.013	-
					Left side	0	38150	2610	24	23.46	13.24%	0.010	0.011	-
					Back side	14	38150	2610	24	23.23	19.40%	0.014	0.017	-
					Top side	16	38150	2610	24	23.23	19.40%	0.054	0.064	-
					Bottom side	0	38150	2610	24	23.23	19.40%	0.005	0.006	-
					Right side	0	38150	2610	24	23.23	19.40%	0.010	0.012	-
					Left side	0	38150	2610	24	23.23	19.40%	0.008	0.009	-

### LTE TDD Band 38 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 38	20MHz	QPSK	1 RB	50	Top side	0	38150	2610	22.5	22.23	6.41%	0.638	0.679	-
					Back side	0	37850	2580	22.5	22.28	5.20%	0.221	0.232	-
					Top side	0	37850	2580	22.5	22.28	5.20%	0.624	0.656	-
					Top side	0	38000	2595	22.5	22.26	5.68%	0.677	0.715	304
			50 RB	25	Top side	0	37850	2580	21.5	21.32	4.23%	0.369	0.385	-
					Back side	0	38150	2610	21.5	21.38	2.80%	0.117	0.120	-
					Top side	0	38000	2595	21.5	21.33	3.99%	0.353	0.367	-
					Top side	0	38150	2610	21.5	21.38	2.80%	0.414	0.426	-
			100 RB	25	Back side	0	38150	2610	21.5	21.37	3.04%	0.102	0.105	-
					Top side	0	37850	2580	21.5	21.32	4.23%	0.417	0.435	-
					Top side	0	38000	2595	21.5	21.35	3.51%	0.356	0.369	-
					Top side	0	38150	2610	21.5	21.37	3.04%	0.378	0.389	-

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### LTE TDD Band 41 (without power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 41	20MHz	QPSK	1 RB	50	Back side	14	41055	2636.5	25	24.97	0.69%	0.041	0.041	-
					Top side	16	41055	2636.5	25	24.97	0.69%	0.072	0.072	-
					Bottom side	0	41055	2636.5	25	24.97	0.69%	0.014	0.014	-
					Right side	0	41055	2636.5	25	24.97	0.69%	0.019	0.019	-
			50 RB	50	Left side	0	41055	2636.5	25	24.97	0.69%	0.016	0.016	-
					Back side	14	41055	2636.5	24	23.96	0.93%	0.036	0.037	-
					Top side	16	41055	2636.5	24	23.96	0.93%	0.063	0.063	-
					Bottom side	0	41055	2636.5	24	23.96	0.93%	0.012	0.012	-
			100 RB	50	Right side	0	41055	2636.5	24	23.96	0.93%	0.016	0.016	-
					Left side	0	41055	2636.5	24	23.96	0.93%	0.013	0.013	-
					Back side	14	39750	2506	24	23.92	1.86%	0.034	0.035	-
					Top side	16	39750	2506	24	23.92	1.86%	0.061	0.062	-
					Bottom side	0	39750	2506	24	23.92	1.86%	0.012	0.012	-
					Right side	0	39750	2506	24	23.92	1.86%	0.015	0.015	-
					Left side	0	39750	2506	24	23.92	1.86%	0.013	0.013	-
					Back side	14	39750	2506	24	23.92	1.86%	0.013	0.013	-

### LTE TDD Band 41 (with power reduction)

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 41	20MHz	QPSK	1 RB	50	Top side	0	40185	2549.5	18	17.65	8.39%	0.566	0.614	-
					Back side	0	41055	2636.5	18	17.91	2.09%	0.205	0.209	-
					Top side	0	39750	2506	18	17.77	5.44%	0.587	0.619	-
					Top side	0	40620	2593	18	17.88	2.80%	0.593	0.610	-
			50 RB	25	Top side	0	41055	2636.5	18	17.91	2.09%	0.513	0.524	-
					Top side	0	41490	2680	18	17.77	5.44%	0.595	0.627	306
					Top side	0	40185	2549.5	17	16.79	4.95%	0.391	0.410	-
					Top side	0	41490	2680	17	16.94	1.39%	0.406	0.412	-
			100 RB	50	Top side	0	39750	2506	17	16.81	4.47%	0.385	0.402	-
					Top side	0	40620	2593	17	16.89	2.57%	0.418	0.429	-
					Back side	0	41055	2636.5	17	16.96	0.93%	0.104	0.105	-
					Top side	0	41055	2636.5	17	16.96	0.93%	0.415	0.419	-
					Back side	0	39750	2506	17	16.99	0.23%	0.100	0.100	-
					Top side	0	39750	2506	17	16.99	0.23%	0.411	0.412	-
					Top side	0	40185	2549.5	17	16.74	6.17%	0.399	0.424	-
					Top side	0	40620	2593	17	16.84	3.75%	0.376	0.390	-
					Top side	0	41055	2636.5	17	16.89	2.57%	0.405	0.415	-
					Top side	0	41490	2680	17	16.95	1.16%	0.554	0.560	-

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## 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	WLAN802.11 b	Back side	0	6	2437	20	19.99	100.23%	0.129	0.129	-
		Top side	0	6	2437	20	19.99	100.23%	0.006	0.006	-
		Bottom side	0	6	2437	20	19.99	100.23%	0.701	0.703	307
		Right side	0	6	2437	20	19.99	100.23%	0.002	0.002	-
		Left side	0	6	2437	20	19.99	100.23%	0.117	0.117	-
	Bluetooth (GFSK)	Back side	0	0	2402	12.5	11.83	116.68%	0.041	0.048	-
		Top side	0	0	2402	12.5	11.83	116.68%	0.003	0.003	-
		Bottom side	0	0	2402	12.5	11.83	116.68%	0.086	0.101	309
		Right side	0	0	2402	12.5	11.83	116.68%	0.001	0.001	-
		Left side	0	0	2402	12.5	11.83	116.68%	0.003	0.004	-
	WLAN802.11 ac(80M) 5.2G	Back side	0	42	5210	18	17.99	100.23%	0.325	0.326	-
		Top side	0	42	5210	18	17.99	100.23%	0.012	0.012	-
		Bottom side	0	42	5210	18	17.99	100.23%	1.170	1.173	310
		Bottom side*	0	42	5210	18	17.99	100.23%	1.150	1.153	-
		Right side	0	42	5210	18	17.99	100.23%	0.004	0.004	-
		Left side	0	42	5210	18	17.99	100.23%	0.271	0.272	-
	WLAN802.11 ac(80M) 5.3G	Back side	0	58	5290	18	17.98	100.46%	0.307	0.308	-
		Top side	0	58	5290	18	17.98	100.46%	0.011	0.011	-
		Bottom side	0	58	5290	18	17.98	100.46%	1.110	1.115	311
		Bottom side*	0	58	5290	18	17.98	100.46%	1.080	1.085	-
		Right side	0	58	5290	18	17.98	100.46%	0.003	0.003	-
		Left side	0	58	5290	18	17.98	100.46%	0.258	0.259	-
	WLAN802.11 ac(80M) 5.6G	Back side	0	138	5690	18	17.99	100.23%	0.284	0.285	-
		Top side	0	138	5690	18	17.99	100.23%	0.009	0.009	-
		Bottom side	0	106	5530	18	17.96	100.93%	0.784	0.791	-
		Bottom side	0	138	5690	18	17.99	100.23%	0.861	0.863	312
		Bottom side*	0	138	5690	18	17.99	100.23%	0.849	0.851	-
		Right side	0	138	5690	18	17.99	100.23%	0.002	0.002	-
	WLAN802.11 ac(80M) 5.8G	Left side	0	138	5690	18	17.99	100.23%	0.224	0.225	-
		Back side	0	155	5775	18	17.92	101.86%	0.277	0.282	-
		Top side	0	155	5775	18	17.92	101.86%	0.007	0.007	-
		Bottom side	0	155	5775	18	17.92	101.86%	0.746	0.760	314
		Right side	0	155	5775	18	17.92	101.86%	0.002	0.002	-
		Left side	0	155	5775	18	17.92	101.86%	0.221	0.225	-

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

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## 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	WLAN802.11 b	Back side	0	1	2412	20	19.98	100.46%	0.293	0.294	316
		Top side	0	1	2412	20	19.98	100.46%	0.192	0.193	-
		Bottom side	0	1	2412	20	19.98	100.46%	0.005	0.005	-
		Right side	0	1	2412	20	19.98	100.46%	0.004	0.004	-
	WLAN802.11 ac(80M) 5.2G	Left side	0	1	2412	20	19.98	100.46%	0.153	0.154	-
		Back side	0	42	5210	18	17.97	100.69%	0.389	0.392	-
		Top side	0	42	5210	18	17.97	100.69%	0.804	0.810	317
		Bottom side	0	42	5210	18	17.97	100.69%	0.797	0.803	-
		Bottom side*	0	42	5210	18	17.97	100.69%	0.021	0.021	-
		Right side	0	42	5210	18	17.97	100.69%	0.005	0.005	-
		Left side	0	42	5210	18	17.97	100.69%	0.154	0.155	-
	WLAN802.11 ac(80M) 5.3G	Back side	0	58	5290	18	17.9	102.33%	0.381	0.390	-
		Top side	0	58	5290	18	17.9	102.33%	0.645	0.660	318
		Bottom side	0	58	5290	18	17.9	102.33%	0.017	0.018	-
		Right side	0	58	5290	18	17.9	102.33%	0.004	0.004	-
	WLAN802.11 ac(80M) 5.6G	Left side	0	58	5290	18	17.9	102.33%	0.203	0.208	-
		Back side	0	106	5530	18	17.98	100.46%	0.312	0.313	-
		Top side	0	106	5530	18	17.98	100.46%	0.535	0.537	320
		Bottom side	0	106	5530	18	17.98	100.46%	0.012	0.012	-
	WLAN802.11 ac(80M) 5.8G	Right side	0	106	5530	18	17.98	100.46%	0.007	0.007	-
		Left side	0	106	5530	18	17.98	100.46%	0.241	0.242	-
		Back side	0	155	5775	18	17.93	101.62%	0.308	0.313	-
		Top side	0	155	5775	18	17.93	101.62%	0.545	0.554	322
		Bottom side	0	155	5775	18	17.93	101.62%	0.011	0.011	-
		Right side	0	155	5775	18	17.93	101.62%	0.004	0.004	-
		Left side	0	155	5775	18	17.93	101.62%	0.178	0.181	-

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

## 2.3 Reporting statements of conformity

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

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### 3. Simultaneous Transmission Analysis

#### Simultaneous Transmission Scenarios:

NO.	Simultaneous Transmit Configurations	Body
1	GPRS + 2.4GHz WLAN Main / 2.4GHz WLAN Aux / 2.4GHz MIMO + NFC	YES
2	GPRS + 5GHz WLAN Main / 5GHz WLAN Aux / 5GHz MIMO + NFC	YES
3	GPRS + BT + NFC	YES
4	GPRS + 2.4/5GHz WLAN Aux + BT + NFC	YES
1	UMTS + 2.4GHz WLAN Main / 2.4GHz WLAN Aux / 2.4GHz MIMO + NFC	YES
2	UMTS + 5GHz WLAN Main / 5GHz WLAN Aux / 5GHz MIMO + NFC	YES
3	UMTS + BT + NFC	YES
4	UMTS + 2.4/5GHz WLAN Aux + BT + NFC	YES
5	LTE + 2.4GHz WLAN Main / 2.4GHz WLAN Aux / 2.4GHz MIMO + NFC	YES
6	LTE + 5GHz WLAN Main / 5GHz WLAN Aux / 5GHz MIMO + NFC	YES
7	LTE + BT + NFC	YES
8	LTE + 2.4/5GHz WLAN Aux + BT + NFC	YES
<p>Note :</p> <p>1) WWAN and WLAN may transmit simultaneously.</p> <p>2) Bluetooth and WLAN Main share the same antenna path.</p> <p>3) Bluetooth can transmit with WLAN Aux simultaneously.</p>		

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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:

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

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  $(\text{SAR1} + \text{SAR2})^{1.5}/R_i$ , rounded to two decimal digits, and must be  $\leq 0.04$  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  $R_i$  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 +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
1	Back side	GPRS 850	0	0.520	0.129	0.294	0.000	0.943	ΣSAR<1.6, Not required
		GPRS 1900	0	0.339	0.129	0.294	0.000	0.762	ΣSAR<1.6, Not required
		WCDMA Band II	0	0.329	0.129	0.294	0.000	0.752	ΣSAR<1.6, Not required
		WCDMA Band IV	0	0.279	0.129	0.294	0.000	0.702	ΣSAR<1.6, Not required
		WCDMA Band V	0	0.635	0.129	0.294	0.000	1.058	ΣSAR<1.6, Not required
		LTE Band 2	0	0.313	0.129	0.294	0.000	0.736	ΣSAR<1.6, Not required
		LTE Band 4	0	0.321	0.129	0.294	0.000	0.744	ΣSAR<1.6, Not required
		LTE Band 5	0	0.659	0.129	0.294	0.000	1.082	ΣSAR<1.6, Not required
		LTE Band 7	0	0.284	0.129	0.294	0.000	0.707	ΣSAR<1.6, Not required
		LTE Band 12	0	0.698	0.129	0.294	0.000	1.121	ΣSAR<1.6, Not required
		LTE Band 13	0	0.695	0.129	0.294	0.000	1.118	ΣSAR<1.6, Not required
		LTE Band 17	0	0.639	0.129	0.294	0.000	1.062	ΣSAR<1.6, Not required
		LTE Band 25	0	0.364	0.129	0.294	0.000	0.787	ΣSAR<1.6, Not required
		LTE Band 26	0	0.760	0.129	0.294	0.000	1.183	ΣSAR<1.6, Not required
		LTE Band 38	0	0.232	0.129	0.294	0.000	0.655	ΣSAR<1.6, Not required
		LTE Band 41	0	0.209	0.129	0.294	0.000	0.632	ΣSAR<1.6, Not required

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# Back side WWAN + 5G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
2	Back side	GPRS 850	0	0.520	0.326	0.392	0.000	1.238	ΣSAR<1.6, Not required
		GPRS 1900	0	0.339	0.326	0.392	0.000	1.057	ΣSAR<1.6, Not required
		WCDMA Band II	0	0.329	0.326	0.392	0.000	1.047	ΣSAR<1.6, Not required
		WCDMA Band IV	0	0.279	0.326	0.392	0.000	0.997	ΣSAR<1.6, Not required
		WCDMA Band V	0	0.635	0.326	0.392	0.000	1.353	ΣSAR<1.6, Not required
		LTE Band 2	0	0.313	0.326	0.392	0.000	1.031	ΣSAR<1.6, Not required
		LTE Band 4	0	0.321	0.326	0.392	0.000	1.039	ΣSAR<1.6, Not required
		LTE Band 5	0	0.659	0.326	0.392	0.000	1.377	ΣSAR<1.6, Not required
		LTE Band 7	0	0.284	0.326	0.392	0.000	1.002	ΣSAR<1.6, Not required
		LTE Band 12	0	0.698	0.326	0.392	0.000	1.416	ΣSAR<1.6, Not required
		LTE Band 13	0	0.695	0.326	0.392	0.000	1.413	ΣSAR<1.6, Not required
		LTE Band 17	0	0.639	0.326	0.392	0.000	1.357	ΣSAR<1.6, Not required
		LTE Band 25	0	0.364	0.326	0.392	0.000	1.082	ΣSAR<1.6, Not required
		LTE Band 26	0	0.760	0.326	0.392	0.000	1.478	ΣSAR<1.6, Not required
		LTE Band 38	0	0.232	0.326	0.392	0.000	0.950	ΣSAR<1.6, Not required
		LTE Band 41	0	0.209	0.326	0.392	0.000	0.927	ΣSAR<1.6, Not required

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# Back side WWAN + 2.4G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
3	Back side	GPRS 850	0	0.520	0.048	0.294	0.000	0.862	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.339	0.048	0.294	0.000	0.681	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.329	0.048	0.294	0.000	0.671	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.279	0.048	0.294	0.000	0.621	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.635	0.048	0.294	0.000	0.977	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.313	0.048	0.294	0.000	0.655	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.321	0.048	0.294	0.000	0.663	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.659	0.048	0.294	0.000	1.001	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.284	0.048	0.294	0.000	0.626	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.698	0.048	0.294	0.000	1.040	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.695	0.048	0.294	0.000	1.037	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.639	0.048	0.294	0.000	0.981	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.364	0.048	0.294	0.000	0.706	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.760	0.048	0.294	0.000	1.102	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.232	0.048	0.294	0.000	0.574	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.209	0.048	0.294	0.000	0.551	$\Sigma$ SAR<1.6, Not required

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# Back side WWAN + 5G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
4	Back side	GPRS 850	0	0.520	0.048	0.392	0.000	0.960	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.339	0.048	0.392	0.000	0.779	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.329	0.048	0.392	0.000	0.769	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.279	0.048	0.392	0.000	0.719	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.635	0.048	0.392	0.000	1.075	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.313	0.048	0.392	0.000	0.753	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.321	0.048	0.392	0.000	0.761	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.659	0.048	0.392	0.000	1.099	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.284	0.048	0.392	0.000	0.724	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.698	0.048	0.392	0.000	1.138	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.695	0.048	0.392	0.000	1.135	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.639	0.048	0.392	0.000	1.079	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.364	0.048	0.392	0.000	0.804	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.760	0.048	0.392	0.000	1.200	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.232	0.048	0.392	0.000	0.672	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.209	0.048	0.392	0.000	0.649	$\Sigma$ SAR<1.6, Not required

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### Top side WWAN + 2.4G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
5	Top side	GPRS 850	0	0.683	0.006	0.193	0.000	0.882	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.688	0.006	0.193	0.000	0.887	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.692	0.006	0.193	0.000	0.891	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.674	0.006	0.193	0.000	0.873	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.675	0.006	0.193	0.000	0.874	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.716	0.006	0.193	0.000	0.915	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.671	0.006	0.193	0.000	0.870	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.640	0.006	0.193	0.000	0.839	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.690	0.006	0.193	0.000	0.889	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.469	0.006	0.193	0.000	0.668	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.717	0.006	0.193	0.000	0.916	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.495	0.006	0.193	0.000	0.694	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.711	0.006	0.193	0.000	0.910	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.708	0.006	0.193	0.000	0.907	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.715	0.006	0.193	0.000	0.914	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.627	0.006	0.193	0.000	0.826	$\Sigma$ SAR<1.6, Not required

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### Top side WWAN + 5G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
6	Top side	GPRS 850	0	0.683	0.012	0.810	0.000	1.505	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.688	0.012	0.810	0.000	1.510	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.692	0.012	0.810	0.000	1.514	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.674	0.012	0.810	0.000	1.496	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.675	0.012	0.810	0.000	1.497	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.716	0.012	0.810	0.000	1.538	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.671	0.012	0.810	0.000	1.493	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.640	0.012	0.810	0.000	1.462	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.690	0.012	0.810	0.000	1.512	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.469	0.012	0.810	0.000	1.291	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.717	0.012	0.810	0.000	1.539	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.495	0.012	0.810	0.000	1.317	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.711	0.012	0.810	0.000	1.533	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.708	0.012	0.810	0.000	1.530	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.715	0.012	0.810	0.000	1.537	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.627	0.012	0.810	0.000	1.449	$\Sigma$ SAR<1.6, Not required

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## Top side WWAN + 2.4G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
7	Top side	GPRS 850	0	0.683	0.003	0.193	0.000	0.879	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.688	0.003	0.193	0.000	0.884	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.692	0.003	0.193	0.000	0.888	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.674	0.003	0.193	0.000	0.870	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.675	0.003	0.193	0.000	0.871	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.716	0.003	0.193	0.000	0.912	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.671	0.003	0.193	0.000	0.867	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.640	0.003	0.193	0.000	0.836	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.690	0.003	0.193	0.000	0.886	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.469	0.003	0.193	0.000	0.665	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.717	0.003	0.193	0.000	0.913	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.495	0.003	0.193	0.000	0.691	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.711	0.003	0.193	0.000	0.907	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.708	0.003	0.193	0.000	0.904	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.715	0.003	0.193	0.000	0.911	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.627	0.003	0.193	0.000	0.823	$\Sigma$ SAR<1.6, Not required

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# Top side WWAN + 5G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
8	Top side	GPRS 850	0	0.683	0.003	0.810	0.000	1.496	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.688	0.003	0.810	0.000	1.501	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.692	0.003	0.810	0.000	1.505	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.674	0.003	0.810	0.000	1.487	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.675	0.003	0.810	0.000	1.488	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.716	0.003	0.810	0.000	1.529	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.671	0.003	0.810	0.000	1.484	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.640	0.003	0.810	0.000	1.453	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.690	0.003	0.810	0.000	1.503	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.469	0.003	0.810	0.000	1.282	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.717	0.003	0.810	0.000	1.530	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.495	0.003	0.810	0.000	1.308	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.711	0.003	0.810	0.000	1.524	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.708	0.003	0.810	0.000	1.521	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.715	0.003	0.810	0.000	1.528	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.627	0.003	0.810	0.000	1.440	$\Sigma$ SAR<1.6, Not required

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### Bottom side WWAN + 2.4G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
9	Bottom side	GPRS 850	0	0.009	0.703	0.005	0.000	0.717	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.025	0.703	0.005	0.000	0.733	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.027	0.703	0.005	0.000	0.735	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.023	0.703	0.005	0.000	0.731	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.008	0.703	0.005	0.000	0.716	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.028	0.703	0.005	0.000	0.736	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.024	0.703	0.005	0.000	0.732	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.009	0.703	0.005	0.000	0.717	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.028	0.703	0.005	0.000	0.736	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.028	0.703	0.005	0.000	0.736	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.032	0.703	0.005	0.000	0.740	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.036	0.703	0.005	0.000	0.744	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.026	0.703	0.005	0.000	0.734	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.007	0.703	0.005	0.000	0.715	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.009	0.703	0.005	0.000	0.717	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.014	0.703	0.005	0.000	0.722	$\Sigma$ SAR<1.6, Not required

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# Bottom side WWAN + 5G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
10	Bottom side	GPRS 850	0	0.009	1.173	0.021	0.000	1.203	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.025	1.173	0.021	0.000	1.219	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.027	1.173	0.021	0.000	1.221	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.023	1.173	0.021	0.000	1.217	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.008	1.173	0.021	0.000	1.202	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.028	1.173	0.021	0.000	1.222	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.024	1.173	0.021	0.000	1.218	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.009	1.173	0.021	0.000	1.203	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.028	1.173	0.021	0.000	1.222	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.028	1.173	0.021	0.000	1.222	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.032	1.173	0.021	0.000	1.226	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.036	1.173	0.021	0.000	1.230	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.026	1.173	0.021	0.000	1.220	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.007	1.173	0.021	0.000	1.201	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.009	1.173	0.021	0.000	1.203	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.014	1.173	0.021	0.000	1.208	$\Sigma$ SAR<1.6, Not required

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# Bottom side WWAN + 2.4G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
11	Bottom side	GPRS 850	0	0.009	0.101	0.005	0.000	0.115	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.025	0.101	0.005	0.000	0.131	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.027	0.101	0.005	0.000	0.133	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.023	0.101	0.005	0.000	0.129	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.008	0.101	0.005	0.000	0.114	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.028	0.101	0.005	0.000	0.134	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.024	0.101	0.005	0.000	0.130	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.009	0.101	0.005	0.000	0.115	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.028	0.101	0.005	0.000	0.134	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.028	0.101	0.005	0.000	0.134	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.032	0.101	0.005	0.000	0.138	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.036	0.101	0.005	0.000	0.142	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.026	0.101	0.005	0.000	0.132	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.007	0.101	0.005	0.000	0.113	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.009	0.101	0.005	0.000	0.115	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.014	0.101	0.005	0.000	0.120	$\Sigma$ SAR<1.6, Not required

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### Bottom side WWAN + 5G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
12	Bottom side	GPRS 850	0	0.009	0.101	0.021	0.000	0.131	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.025	0.101	0.021	0.000	0.147	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.027	0.101	0.021	0.000	0.149	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.023	0.101	0.021	0.000	0.145	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.008	0.101	0.021	0.000	0.130	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.028	0.101	0.021	0.000	0.150	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.024	0.101	0.021	0.000	0.146	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.009	0.101	0.021	0.000	0.131	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.028	0.101	0.021	0.000	0.150	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.028	0.101	0.021	0.000	0.150	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.032	0.101	0.021	0.000	0.154	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.036	0.101	0.021	0.000	0.158	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.026	0.101	0.021	0.000	0.148	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.007	0.101	0.021	0.000	0.129	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.009	0.101	0.021	0.000	0.131	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.014	0.101	0.021	0.000	0.136	$\Sigma$ SAR<1.6, Not required

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# Right side WWAN + 2.4G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
13	Right side	GPRS 850	0	0.110	0.002	0.004	0.000	0.116	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.164	0.002	0.004	0.000	0.170	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.176	0.002	0.004	0.000	0.182	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.076	0.002	0.004	0.000	0.082	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.125	0.002	0.004	0.000	0.131	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.173	0.002	0.004	0.000	0.179	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.079	0.002	0.004	0.000	0.085	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.121	0.002	0.004	0.000	0.127	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.041	0.002	0.004	0.000	0.047	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.059	0.002	0.004	0.000	0.065	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.071	0.002	0.004	0.000	0.077	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.074	0.002	0.004	0.000	0.080	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.162	0.002	0.004	0.000	0.168	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.108	0.002	0.004	0.000	0.114	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.014	0.002	0.004	0.000	0.020	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.019	0.002	0.004	0.000	0.025	$\Sigma$ SAR<1.6, Not required

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# Right side WWAN + 5G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
14	Right side	GPRS 850	0	0.110	0.004	0.007	0.000	0.121	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.164	0.004	0.007	0.000	0.175	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.176	0.004	0.007	0.000	0.187	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.076	0.004	0.007	0.000	0.087	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.125	0.004	0.007	0.000	0.136	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.173	0.004	0.007	0.000	0.184	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.079	0.004	0.007	0.000	0.090	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.121	0.004	0.007	0.000	0.132	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.041	0.004	0.007	0.000	0.052	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.059	0.004	0.007	0.000	0.070	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.071	0.004	0.007	0.000	0.082	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.074	0.004	0.007	0.000	0.085	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.162	0.004	0.007	0.000	0.173	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.108	0.004	0.007	0.000	0.119	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.014	0.004	0.007	0.000	0.025	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.019	0.004	0.007	0.000	0.030	$\Sigma$ SAR<1.6, Not required

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# Right side WWAN + 2.4G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
15	Right side	GPRS 850	0	0.110	0.001	0.004	0.000	0.115	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.164	0.001	0.004	0.000	0.169	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.176	0.001	0.004	0.000	0.181	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.076	0.001	0.004	0.000	0.081	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.125	0.001	0.004	0.000	0.130	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.173	0.001	0.004	0.000	0.178	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.079	0.001	0.004	0.000	0.084	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.121	0.001	0.004	0.000	0.126	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.041	0.001	0.004	0.000	0.046	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.059	0.001	0.004	0.000	0.064	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.071	0.001	0.004	0.000	0.076	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.074	0.001	0.004	0.000	0.079	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.162	0.001	0.004	0.000	0.167	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.108	0.001	0.004	0.000	0.113	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.014	0.001	0.004	0.000	0.019	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.019	0.001	0.004	0.000	0.024	$\Sigma$ SAR<1.6, Not required

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# Right side WWAN + 5G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
16	Right side	GPRS 850	0	0.110	0.001	0.007	0.000	0.118	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.164	0.001	0.007	0.000	0.172	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.176	0.001	0.007	0.000	0.184	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.076	0.001	0.007	0.000	0.084	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.125	0.001	0.007	0.000	0.133	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.173	0.001	0.007	0.000	0.181	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.079	0.001	0.007	0.000	0.087	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.121	0.001	0.007	0.000	0.129	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.041	0.001	0.007	0.000	0.049	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.059	0.001	0.007	0.000	0.067	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.071	0.001	0.007	0.000	0.079	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.074	0.001	0.007	0.000	0.082	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.162	0.001	0.007	0.000	0.170	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.108	0.001	0.007	0.000	0.116	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.014	0.001	0.007	0.000	0.022	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.019	0.001	0.007	0.000	0.027	$\Sigma$ SAR<1.6, Not required

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# Left side WWAN + 2.4G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
17	Left side	GPRS 850	0	0.025	0.117	0.154	0.000	0.296	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.026	0.117	0.154	0.000	0.297	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.030	0.117	0.154	0.000	0.301	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.007	0.117	0.154	0.000	0.278	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.028	0.117	0.154	0.000	0.299	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.033	0.117	0.154	0.000	0.304	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.008	0.117	0.154	0.000	0.279	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.029	0.117	0.154	0.000	0.300	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.035	0.117	0.154	0.000	0.306	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.019	0.117	0.154	0.000	0.290	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.023	0.117	0.154	0.000	0.294	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.027	0.117	0.154	0.000	0.298	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.030	0.117	0.154	0.000	0.301	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.022	0.117	0.154	0.000	0.293	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.012	0.117	0.154	0.000	0.283	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.016	0.117	0.154	0.000	0.287	$\Sigma$ SAR<1.6, Not required

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### Left side WWAN + 5G WLAN MIMO +NFC

No.	Position	Conditions	Distance (mm)	WWAN	Main	Aux	NFC	SAR Sum	SPLSR
18	Left side	GPRS 850	0	0.025	0.272	0.242	0.000	0.539	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.026	0.272	0.242	0.000	0.540	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.030	0.272	0.242	0.000	0.544	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.007	0.272	0.242	0.000	0.521	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.028	0.272	0.242	0.000	0.542	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.033	0.272	0.242	0.000	0.547	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.008	0.272	0.242	0.000	0.522	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.029	0.272	0.242	0.000	0.543	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.035	0.272	0.242	0.000	0.549	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.019	0.272	0.242	0.000	0.533	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.023	0.272	0.242	0.000	0.537	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.027	0.272	0.242	0.000	0.541	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.030	0.272	0.242	0.000	0.544	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.022	0.272	0.242	0.000	0.536	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.012	0.272	0.242	0.000	0.526	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.016	0.272	0.242	0.000	0.530	$\Sigma$ SAR<1.6, Not required

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## Left side WWAN + 2.4G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
19	Left side	GPRS 850	0	0.025	0.004	0.154	0.000	0.183	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.026	0.004	0.154	0.000	0.184	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.030	0.004	0.154	0.000	0.188	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.007	0.004	0.154	0.000	0.165	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.028	0.004	0.154	0.000	0.186	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.033	0.004	0.154	0.000	0.191	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.008	0.004	0.154	0.000	0.166	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.029	0.004	0.154	0.000	0.187	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.035	0.004	0.154	0.000	0.193	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.019	0.004	0.154	0.000	0.177	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.023	0.004	0.154	0.000	0.181	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.027	0.004	0.154	0.000	0.185	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.030	0.004	0.154	0.000	0.188	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.022	0.004	0.154	0.000	0.180	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.012	0.004	0.154	0.000	0.170	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.016	0.004	0.154	0.000	0.174	$\Sigma$ SAR<1.6, Not required

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# Left side WWAN + 5G WLAN Aux + Bluetooth +NFC

No.	Position	Conditions	Distance (mm)	WWAN	BT	Aux	NFC	SAR Sum	SPLSR
20	Left side	GPRS 850	0	0.025	0.004	0.242	0.000	0.271	$\Sigma$ SAR<1.6, Not required
		GPRS 1900	0	0.026	0.004	0.242	0.000	0.272	$\Sigma$ SAR<1.6, Not required
		WCDMA Band II	0	0.030	0.004	0.242	0.000	0.276	$\Sigma$ SAR<1.6, Not required
		WCDMA Band IV	0	0.007	0.004	0.242	0.000	0.253	$\Sigma$ SAR<1.6, Not required
		WCDMA Band V	0	0.028	0.004	0.242	0.000	0.274	$\Sigma$ SAR<1.6, Not required
		LTE Band 2	0	0.033	0.004	0.242	0.000	0.279	$\Sigma$ SAR<1.6, Not required
		LTE Band 4	0	0.008	0.004	0.242	0.000	0.254	$\Sigma$ SAR<1.6, Not required
		LTE Band 5	0	0.029	0.004	0.242	0.000	0.275	$\Sigma$ SAR<1.6, Not required
		LTE Band 7	0	0.035	0.004	0.242	0.000	0.281	$\Sigma$ SAR<1.6, Not required
		LTE Band 12	0	0.019	0.004	0.242	0.000	0.265	$\Sigma$ SAR<1.6, Not required
		LTE Band 13	0	0.023	0.004	0.242	0.000	0.269	$\Sigma$ SAR<1.6, Not required
		LTE Band 17	0	0.027	0.004	0.242	0.000	0.273	$\Sigma$ SAR<1.6, Not required
		LTE Band 25	0	0.030	0.004	0.242	0.000	0.276	$\Sigma$ SAR<1.6, Not required
		LTE Band 26	0	0.022	0.004	0.242	0.000	0.268	$\Sigma$ SAR<1.6, Not required
		LTE Band 38	0	0.012	0.004	0.242	0.000	0.258	$\Sigma$ SAR<1.6, Not required
		LTE Band 41	0	0.016	0.004	0.242	0.000	0.262	$\Sigma$ SAR<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  $\leq 0.04$  for 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	3770	Apr.29,2019	Apr.28,2020
			7466	Feb.04,2019	Feb.03,2020
SPEAG	System Validation Dipole	D750V3	1015	Aug.23,2018	Aug.22,2019
		D835V2	4d063	Aug.23,2018	Aug.22,2019
		D1750V2	1008	Aug.30,2018	Aug.29,2019
		D1900V2	5d173	Apr.23,2019	Apr.22,2020
		D2450V2	727	Apr.24,2019	Apr.23,2020
		D2600V2	1005	Jan.28,2019	Jan.27,2020
		D5GHzV2	1023	Jan.30,2019	Jan.29,2020
SPEAG	Data acquisition Electronics	DAE4	856	Apr.24,2019	Apr.23,2020
SPEAG	Software	DASY 52 V52.8.8	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
Agilent	Network Analyzer	E5071C	MY46107530	Feb.23,2019	Feb.22,2020
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	MY52180142	Jul.04,2018	Jul.03,2019
Agilent	Power Meter	ML2496A	1326001	Aug.09,2018	Aug.02,2019

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Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
Agilent	Power Sensor	MA2411B	1315048	Aug.09,2018	Aug.02,2019
			1315049	Aug.09,2018	Aug.02,2019
TECPEL	Digital thermometer	DTM-303A	TP131515	Jul.17,2018	Jul.16,2019
Anritsu	Radio Communication Test	MT8820C	6201061049	Dec.27,2018	Dec.26,2019
R&S	Radio Communication Test	CMW 500	125470	Nov.04,2018	Nov.03,2019

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## 5. Measurements

Date: 2019/6/25

### GPRS 850\_Body\_Top side\_CH 128\_0mm

Communication System: GPRS (1Dn4Up); Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.875 \text{ S/m}$ ;  $\epsilon_r = 42.859$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $21.7^\circ\text{C}$ ; Liquid temperature:  $22.1^\circ\text{C}$ 

DASY5 Configuration:

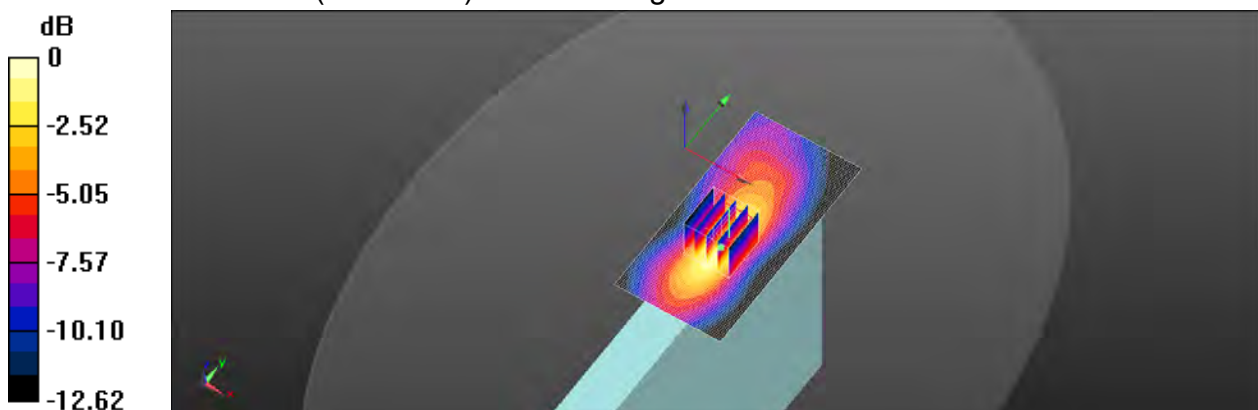
- Probe: EX3DV4 - SN3770; ConvF(9.44, 9.44, 9.44); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $0.665 \text{ W/kg}$ 
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $11.40 \text{ V/m}$ ; Power Drift =  $0.10 \text{ dB}$ 

Peak SAR (extrapolated) =  $0.935 \text{ W/kg}$ 
**SAR(1 g) =  $0.599 \text{ W/kg}$ ; SAR(10 g) =  $0.364 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.783 \text{ W/kg}$ 

 $0 \text{ dB} = 0.783 \text{ W/kg} = -1.06 \text{ dBW/kg}$ 

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2019/6/27

## GPRS 1900\_Body\_Top side\_CH 661\_0mm

Communication System: GPRS (1Dn3Up); Frequency: 1880 MHz; Duty Cycle: 1:2.76

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.437 \text{ S/m}$ ;  $\epsilon_r = 40.193$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.2^\circ\text{C}$ ; Liquid temperature:  $21.8^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.23, 8.23, 8.23); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.947 \text{ W/kg}$

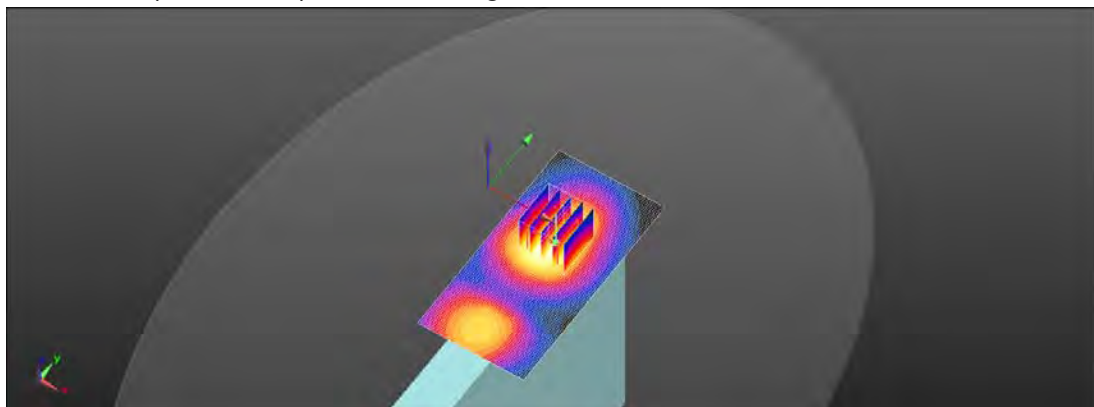
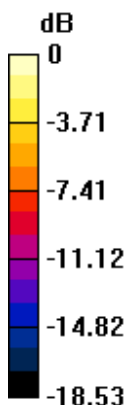
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.648 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $1.15 \text{ W/kg}$

**SAR(1 g) =  $0.668 \text{ W/kg}$ ; SAR(10 g) =  $0.368 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.917 \text{ W/kg}$



0 dB =  $0.917 \text{ W/kg}$  =  $-0.38 \text{ dBW/kg}$

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f (886-2) 2298-0488

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Date: 2019/6/27

## WCDMA Band II\_Body\_Top side\_CH 9538\_0mm

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

Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.459 \text{ S/m}$ ;  $\epsilon_r = 40.06$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.2^\circ\text{C}$ ; Liquid temperature:  $21.8^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.23, 8.23, 8.23); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.886 \text{ W/kg}$

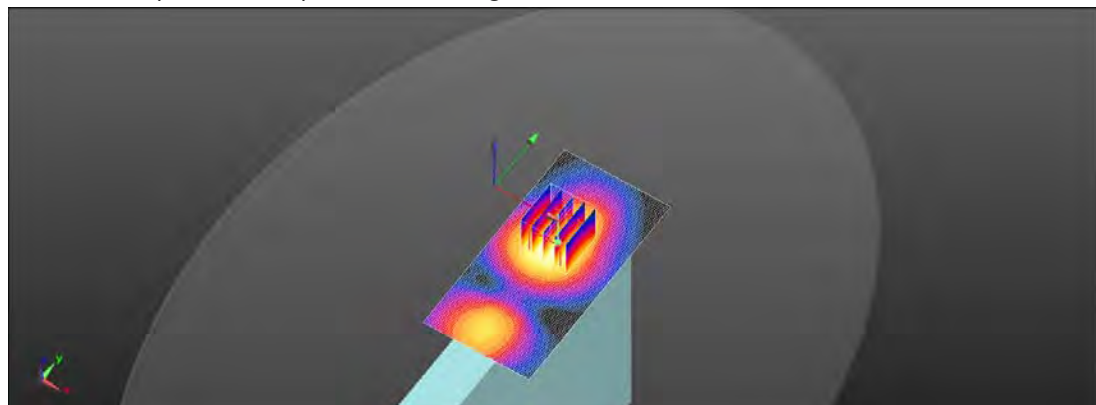
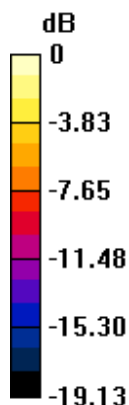
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.848 \text{ V/m}$ ; Power Drift =  $0.05 \text{ dB}$

Peak SAR (extrapolated) =  $1.12 \text{ W/kg}$

**SAR(1 g) =  $0.638 \text{ W/kg}$ ; SAR(10 g) =  $0.350 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.894 \text{ W/kg}$



0 dB =  $0.894 \text{ W/kg}$  =  $-0.49 \text{ dBW/kg}$

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Date: 2019/6/26

## WCDMA Band IV\_Body\_Top side\_CH 1412\_0mm

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

Medium parameters used:  $f = 1732.4 \text{ MHz}$ ;  $\sigma = 1.323 \text{ S/m}$ ;  $\epsilon_r = 40.675$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$ 

### DASY5 Configuration:

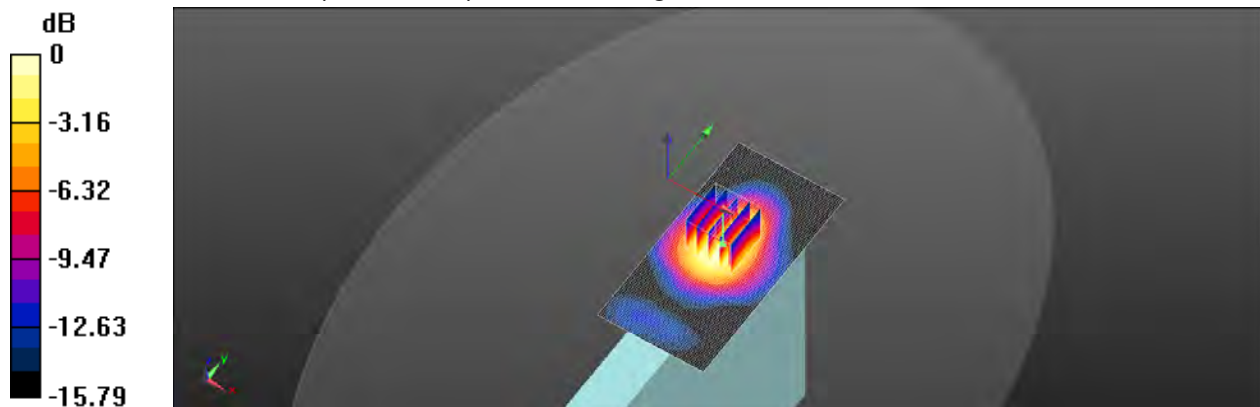
- Probe: EX3DV4 - SN3770; ConvF(8.44, 8.44, 8.44); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $0.903 \text{ W/kg}$ 
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $4.261 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$ 

Peak SAR (extrapolated) =  $1.05 \text{ W/kg}$ 
**SAR(1 g) =  $0.663 \text{ W/kg}$ ; SAR(10 g) =  $0.390 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.873 \text{ W/kg}$ 

 $0 \text{ dB} = 0.873 \text{ W/kg} = -0.59 \text{ dBW/kg}$ 

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Date: 2019/6/25

## WCDMA Band V\_Body\_Top side\_CH 4183\_0mm

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.891$  S/m;  $\epsilon_r = 42.67$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.44, 9.44, 9.44); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.837 W/kg

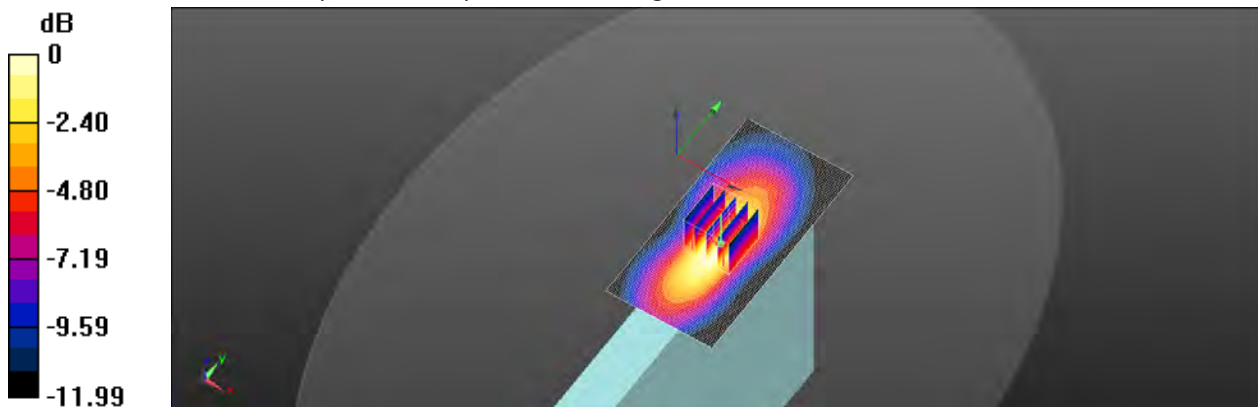
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.54 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.997 W/kg

**SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.396 W/kg**

Maximum value of SAR (measured) = 0.838 W/kg



0 dB = 0.838 W/kg = -0.77 dBW/kg

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f (886-2) 2298-0488

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Date: 2019/6/27

## LTE Band 2 (20MHz)\_Body\_Top side\_CH 18900\_QPSK\_1-99\_0mm

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.437 \text{ S/m}$ ;  $\epsilon_r = 40.193$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.2^\circ\text{C}$ ; Liquid temperature:  $21.8^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.23, 8.23, 8.23); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.03 \text{ W/kg}$

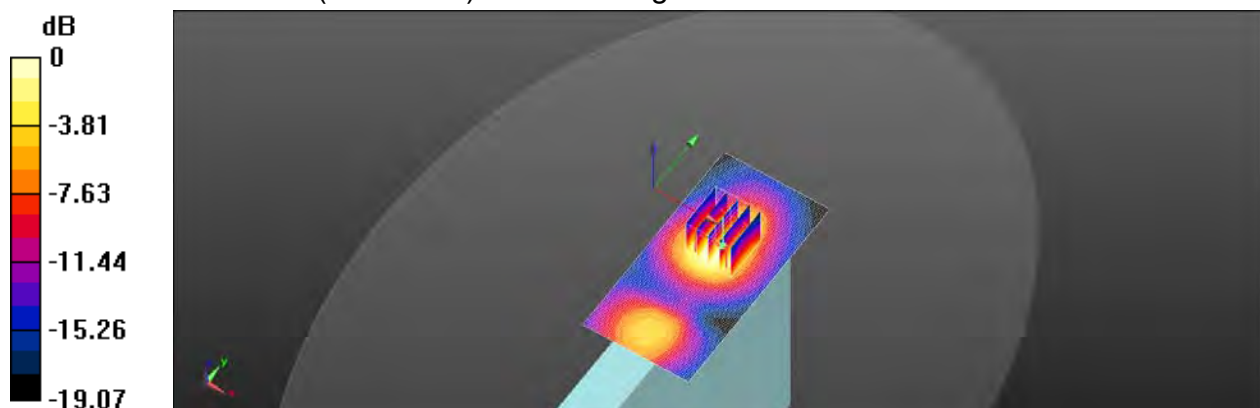
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.500 \text{ V/m}$ ; Power Drift =  $0.18 \text{ dB}$

Peak SAR (extrapolated) =  $1.26 \text{ W/kg}$

**SAR(1 g) =  $0.708 \text{ W/kg}$ ; SAR(10 g) =  $0.383 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.995 \text{ W/kg}$



0 dB =  $0.995 \text{ W/kg}$  =  $-0.02 \text{ dBW/kg}$

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2019/6/26

## LTE Band 4 (20MHz)\_Body\_Top side\_CH 20175\_QPSK\_1-50\_0mm

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.326 \text{ S/m}$ ;  $\epsilon_r = 40.662$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$ 

### DASY5 Configuration:

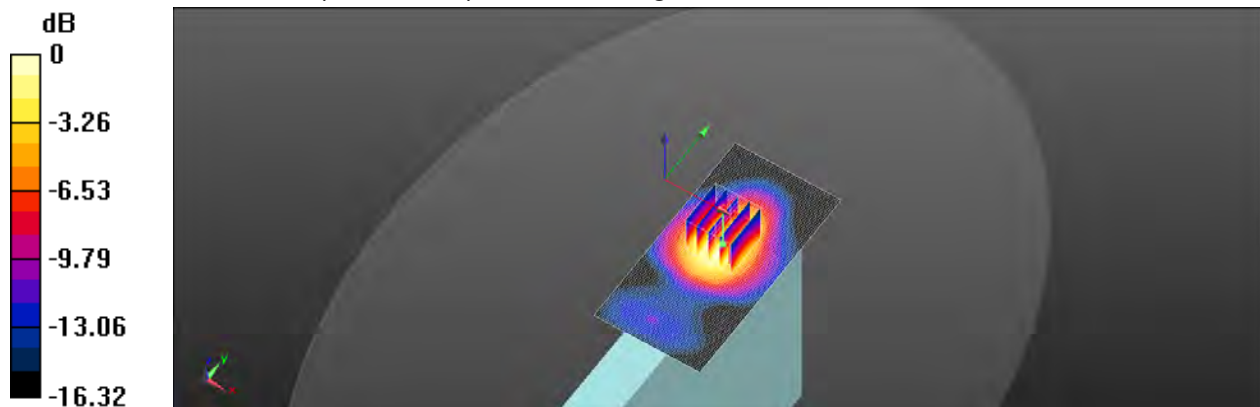
- Probe: EX3DV4 - SN3770; ConvF(8.44, 8.44, 8.44); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $0.904 \text{ W/kg}$ 
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $4.522 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$ 

Peak SAR (extrapolated) =  $1.08 \text{ W/kg}$ 
**SAR(1 g) =  $0.662 \text{ W/kg}$ ; SAR(10 g) =  $0.383 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.881 \text{ W/kg}$ 

 $0 \text{ dB} = 0.881 \text{ W/kg} = -0.55 \text{ dBW/kg}$ 

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2019/6/25

## LTE Band 5 (10MHz)\_Body\_Back side\_CH 20450\_QPSK\_1-49\_0mm

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.878 \text{ S/m}$ ;  $\epsilon_r = 42.76$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $21.7^\circ\text{C}$ ; Liquid temperature:  $22.1^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.44, 9.44, 9.44); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (81x111x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.756 \text{ W/kg}$

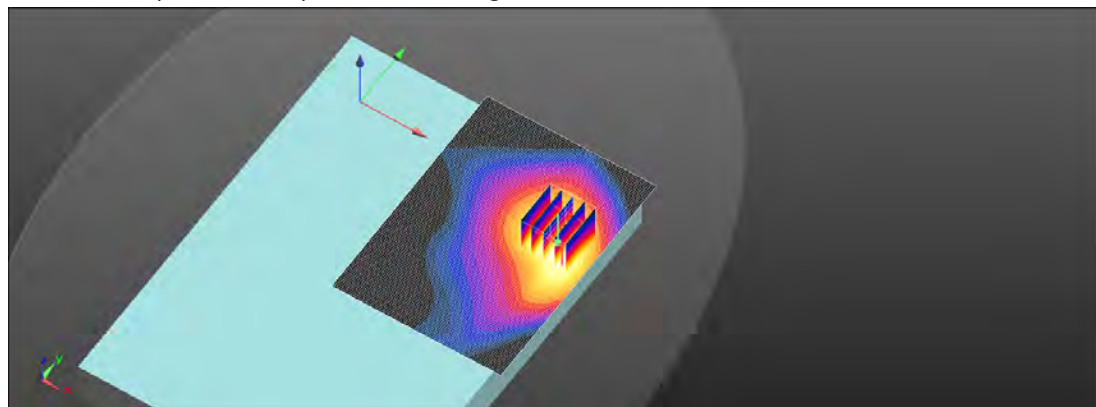
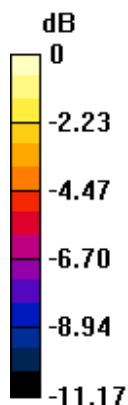
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.144 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.894 \text{ W/kg}$

**SAR(1 g) =  $0.604 \text{ W/kg}$ ; SAR(10 g) =  $0.399 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.763 \text{ W/kg}$



0 dB =  $0.763 \text{ W/kg}$  =  $-1.17 \text{ dBW/kg}$

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Date: 2019/6/28

## LTE Band 7 (20MHz)\_Body\_Top side\_CH 20850\_QPSK\_1-50\_0mm

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

Medium parameters used:  $f = 2510 \text{ MHz}$ ;  $\sigma = 1.864 \text{ S/m}$ ;  $\epsilon_r = 38.409$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $21.6^\circ\text{C}$ ; Liquid temperature:  $22.0^\circ\text{C}$ 

### DASY5 Configuration:

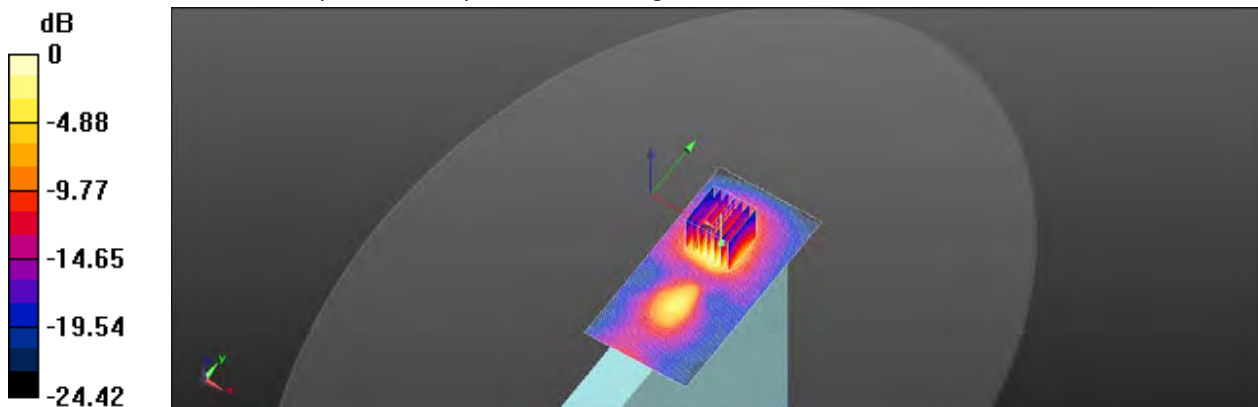
- Probe: EX3DV4 - SN3770; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x121x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $1.08 \text{ W/kg}$ 
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $3.457 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$ 

Peak SAR (extrapolated) =  $1.28 \text{ W/kg}$ 
**SAR(1 g) =  $0.667 \text{ W/kg}$ ; SAR(10 g) =  $0.306 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.989 \text{ W/kg}$ 

 $0 \text{ dB} = 0.989 \text{ W/kg} = -0.05 \text{ dBW/kg}$ 

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台灣檢驗科技股份有限公司

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f (886-2) 2298-0488

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Date: 2019/6/24

## LTE Band 12 (10MHz)\_Body\_Back side\_CH 23095\_QPSK\_1-25\_0mm

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.866 \text{ S/m}$ ;  $\epsilon_r = 43.56$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $22.5^\circ\text{C}$ ; Liquid temperature:  $22.3^\circ\text{C}$ 

### DASY5 Configuration:

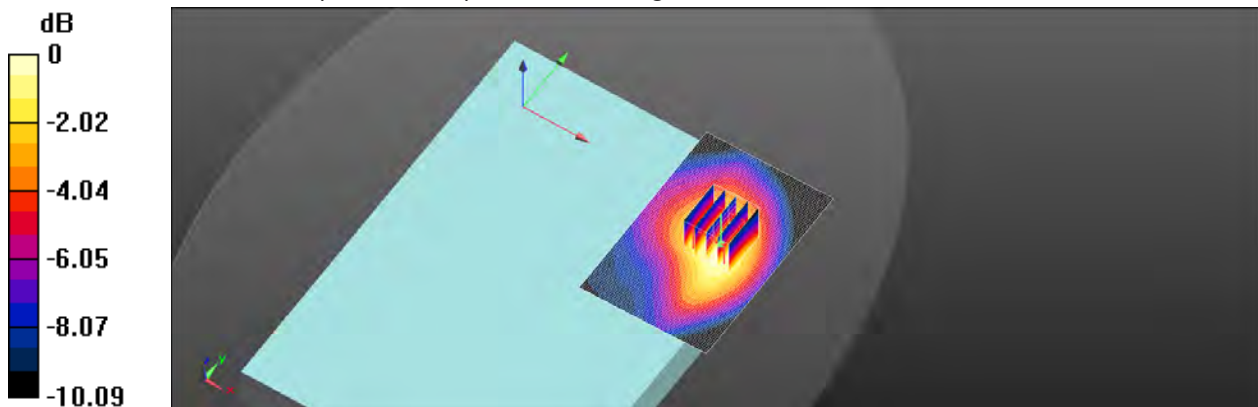
- Probe: EX3DV4 - SN3770; ConvF(9.68, 9.68, 9.68); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x91x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $0.603 \text{ W/kg}$ 
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $7.548 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$ 

Peak SAR (extrapolated) =  $0.697 \text{ W/kg}$ 
**SAR(1 g) =  $0.484 \text{ W/kg}$ ; SAR(10 g) =  $0.330 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.599 \text{ W/kg}$ 

 $0 \text{ dB} = 0.599 \text{ W/kg} = -2.23 \text{ dBW/kg}$ 

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Date: 2019/6/24

## LTE Band 13 (10MHz)\_Body\_Top side\_CH 23230\_QPSK\_1-49\_0mm

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

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.94 \text{ S/m}$ ;  $\epsilon_r = 42.42$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $22.5^\circ\text{C}$ ; Liquid temperature:  $22.3^\circ\text{C}$ 

### DASY5 Configuration:

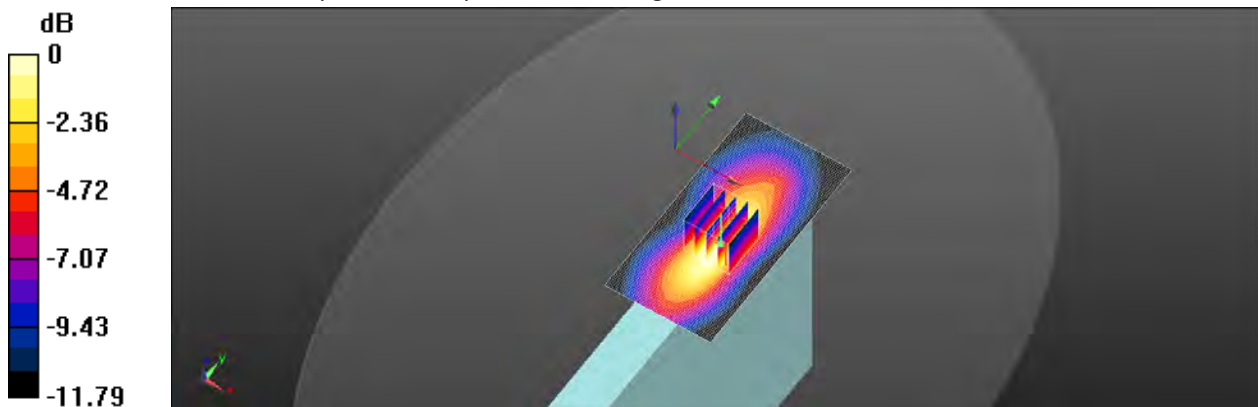
- Probe: EX3DV4 - SN3770; ConvF(9.68, 9.68, 9.68); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $0.917 \text{ W/kg}$ 
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $13.07 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$ 

Peak SAR (extrapolated) =  $1.07 \text{ W/kg}$ 
**SAR(1 g) =  $0.706 \text{ W/kg}$ ; SAR(10 g) =  $0.440 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.916 \text{ W/kg}$ 

 $0 \text{ dB} = 0.916 \text{ W/kg} = -0.38 \text{ dBW/kg}$ 

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Date: 2019/6/24

## LTE Band 17 (10MHz)\_Body\_Back side\_CH 23790\_QPSK\_1-0\_0mm

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 43.495$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $22.5^\circ\text{C}$ ; Liquid temperature:  $22.3^\circ\text{C}$ 

### DASY5 Configuration:

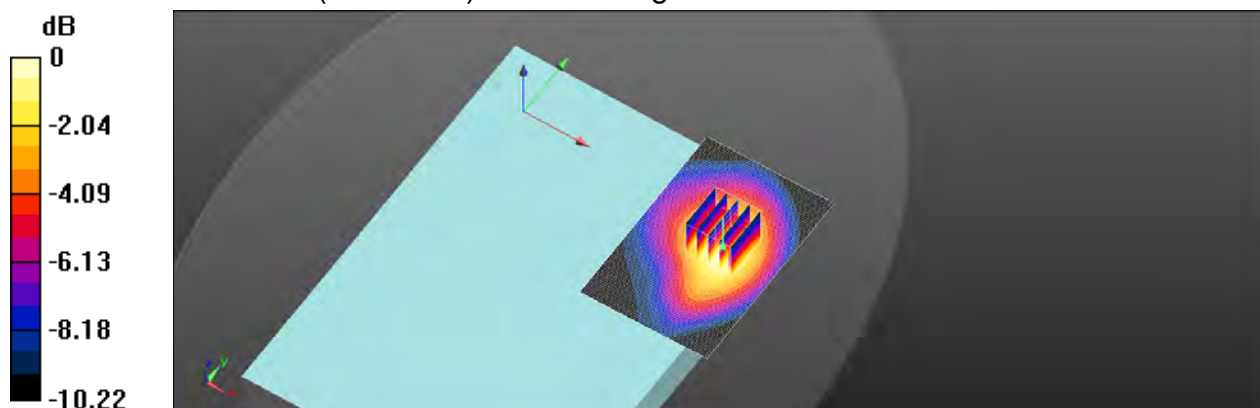
- Probe: EX3DV4 - SN3770; ConvF(9.68, 9.68, 9.68); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x91x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $0.625 \text{ W/kg}$ 
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $4.972 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$ 

Peak SAR (extrapolated) =  $0.725 \text{ W/kg}$ 
**SAR(1 g) =  $0.504 \text{ W/kg}$ ; SAR(10 g) =  $0.341 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.626 \text{ W/kg}$ 


0 dB =  $0.626 \text{ W/kg}$  =  $-2.03 \text{ dBW/kg}$

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Date: 2019/6/27

## LTE Band 25 (20MHz)\_Body\_Top side\_CH 26590\_QPSK\_1-0\_0mm

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1905 \text{ MHz}$ ;  $\sigma = 1.458 \text{ S/m}$ ;  $\epsilon_r = 40.102$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $22.2^\circ\text{C}$ ; Liquid temperature:  $21.8^\circ\text{C}$ 

### DASY5 Configuration:

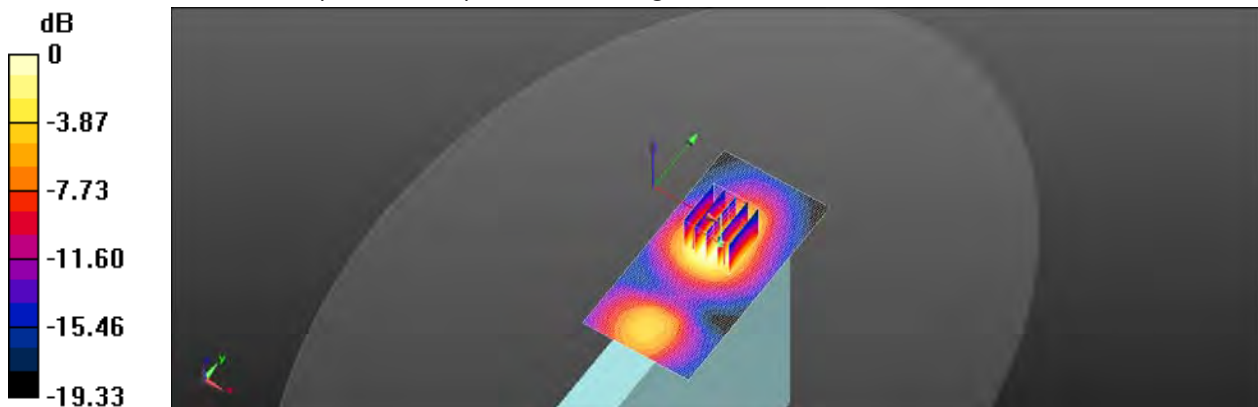
- Probe: EX3DV4 - SN3770; ConvF(8.23, 8.23, 8.23); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (51x101x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $0.971 \text{ W/kg}$ 
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $8.340 \text{ V/m}$ ; Power Drift =  $0.19 \text{ dB}$ 

Peak SAR (extrapolated) =  $1.20 \text{ W/kg}$ 
**SAR(1 g) =  $0.673 \text{ W/kg}$ ; SAR(10 g) =  $0.365 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.946 \text{ W/kg}$ 

 $0 \text{ dB} = 0.946 \text{ W/kg} = -0.24 \text{ dBW/kg}$ 

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Date: 2019/6/25

## LTE Band 26 (15MHz)\_Body\_Back side\_CH 26765\_QPSK\_1-36\_0mm

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

Medium parameters used:  $f = 821.5 \text{ MHz}$ ;  $\sigma = 0.874 \text{ S/m}$ ;  $\epsilon_r = 42.869$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $21.7^\circ\text{C}$ ; Liquid temperature:  $22.1^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.44, 9.44, 9.44); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x91x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.919 \text{ W/kg}$

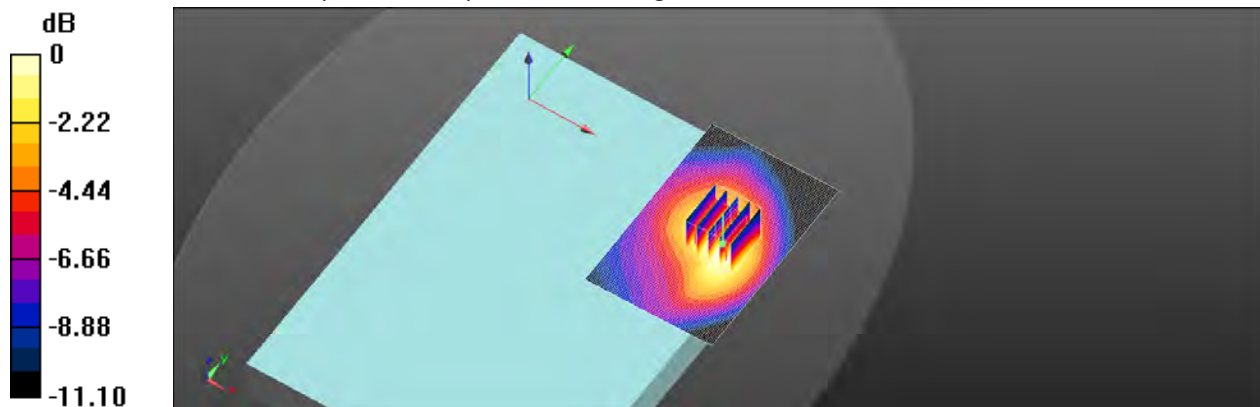
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.017 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $1.07 \text{ W/kg}$

**SAR(1 g) =  $0.729 \text{ W/kg}$ ; SAR(10 g) =  $0.482 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.914 \text{ W/kg}$



0 dB =  $0.914 \text{ W/kg}$  =  $-0.39 \text{ dBW/kg}$

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Date: 2019/6/28

## LTE Band 38 (20MHz)\_Body\_Top side\_CH 38000\_QPSK\_1-50\_0mm

Communication System: LTE; Frequency: 2595 MHz; Duty Cycle: 1:1.59956

Medium parameters used:  $f = 2595 \text{ MHz}$ ;  $\sigma = 1.961 \text{ S/m}$ ;  $\epsilon_r = 38.131$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $21.6^\circ\text{C}$ ; Liquid temperature:  $22.0^\circ\text{C}$ 

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x121x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $1.10 \text{ W/kg}$ 
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $3.538 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$ 

Peak SAR (extrapolated) =  $1.32 \text{ W/kg}$ 
**SAR(1 g) =  $0.677 \text{ W/kg}$ ; SAR(10 g) =  $0.305 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.999 \text{ W/kg}$ 
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $3.538 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$ 

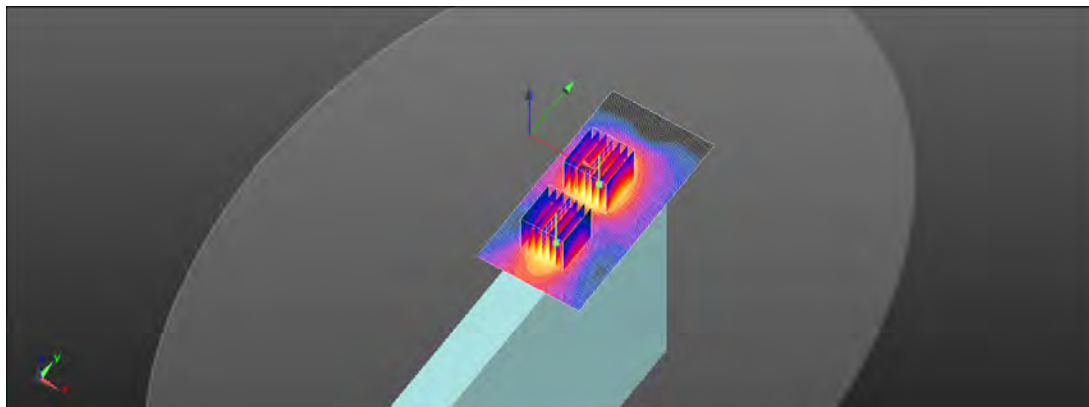
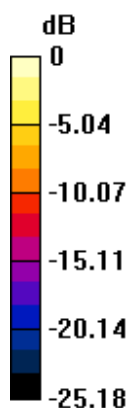
Peak SAR (extrapolated) =  $1.17 \text{ W/kg}$ 
**SAR(1 g) =  $0.553 \text{ W/kg}$ ; SAR(10 g) =  $0.222 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.875 \text{ W/kg}$ 

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0 dB = 0.875 W/kg = -0.58 dBW/kg

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## LTE Band 41 (20MHz)\_Body\_Top side\_CH 41490\_QPSK\_1-50\_0mm

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59956

Medium parameters used:  $f = 2680 \text{ MHz}$ ;  $\sigma = 1.988 \text{ S/m}$ ;  $\epsilon_r = 38.023$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $21.6^\circ\text{C}$ ; Liquid temperature:  $22.0^\circ\text{C}$ 

### DASY5 Configuration:

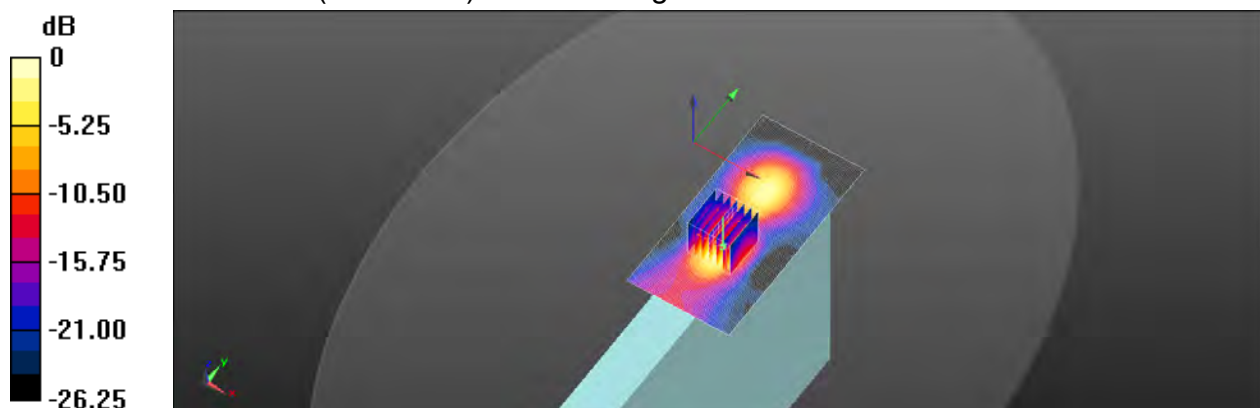
- Probe: EX3DV4 - SN3770; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x121x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $1.03 \text{ W/kg}$ 
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value =  $3.353 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$ 

Peak SAR (extrapolated) =  $1.30 \text{ W/kg}$ 
**SAR(1 g) =  $0.595 \text{ W/kg}$ ; SAR(10 g) =  $0.235 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.944 \text{ W/kg}$ 

 $0 \text{ dB} = 0.944 \text{ W/kg} = -0.25 \text{ dBW/kg}$ 

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Date: 2019/6/14

## WLAN 802.11b\_Body\_Bottom side\_CH 6\_Main\_0mm

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

Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.805 \text{ S/m}$ ;  $\epsilon_r = 38.532$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.66, 7.66, 7.66); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x161x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.25 \text{ W/kg}$

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

Reference Value =  $6.672 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$

Peak SAR (extrapolated) =  $1.44 \text{ W/kg}$

**SAR(1 g) =  $0.701 \text{ W/kg}$ ; SAR(10 g) =  $0.308 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.09 \text{ W/kg}$

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

Reference Value =  $6.672 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$

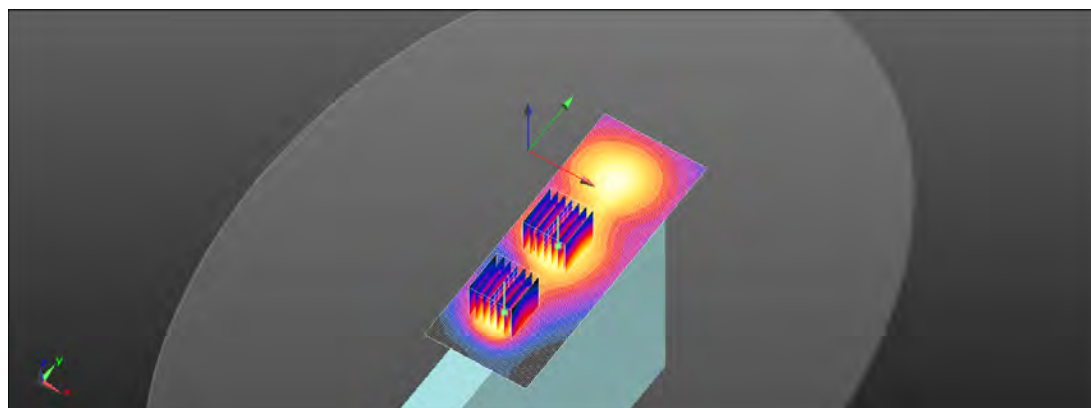
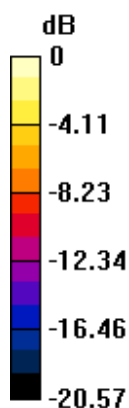
Peak SAR (extrapolated) =  $1.16 \text{ W/kg}$

**SAR(1 g) =  $0.621 \text{ W/kg}$ ; SAR(10 g) =  $0.313 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.886 \text{ W/kg}$

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0 dB = 0.886 W/kg = -0.53 dBW/kg

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Date: 2019/6/14

## Bluetooth(GFSK)\_Body\_Bottom side\_CH 0\_Main\_0mm

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.766 \text{ S/m}$ ;  $\epsilon_r = 38.697$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.66, 7.66, 7.66); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x161x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.152 \text{ W/kg}$

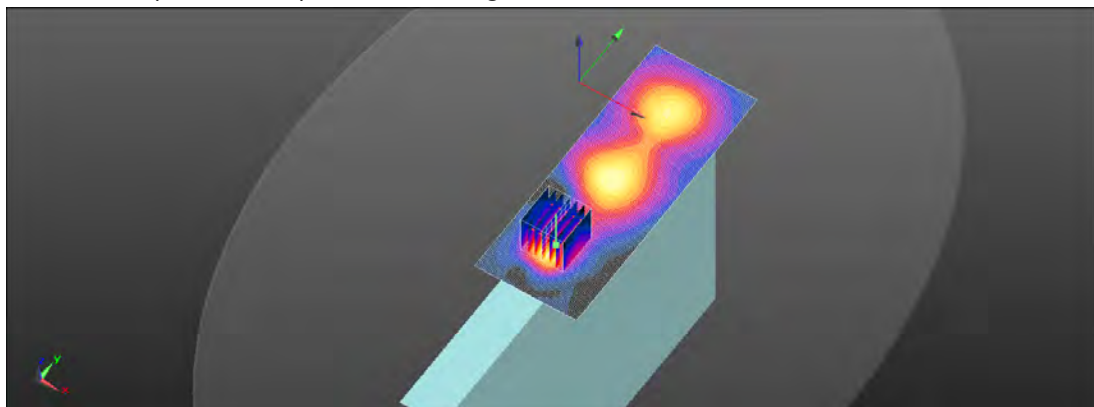
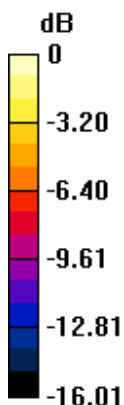
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.038 \text{ V/m}$ ; Power Drift =  $0.15 \text{ dB}$

Peak SAR (extrapolated) =  $0.168 \text{ W/kg}$

**SAR(1 g) =  $0.086 \text{ W/kg}$ ; SAR(10 g) =  $0.040 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.129 \text{ W/kg}$



0 dB =  $0.129 \text{ W/kg}$  =  $-8.89 \text{ dBW/kg}$

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## WLAN 802.11ac(80M) 5.2G\_Body\_Bottom side\_CH 42\_Main\_0mm

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

Medium parameters used:  $f = 5210 \text{ MHz}$ ;  $\sigma = 4.661 \text{ S/m}$ ;  $\epsilon_r = 36.46$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $21.7^\circ\text{C}$ ; Liquid temperature:  $22.1^\circ\text{C}$ 

### DASY5 Configuration:

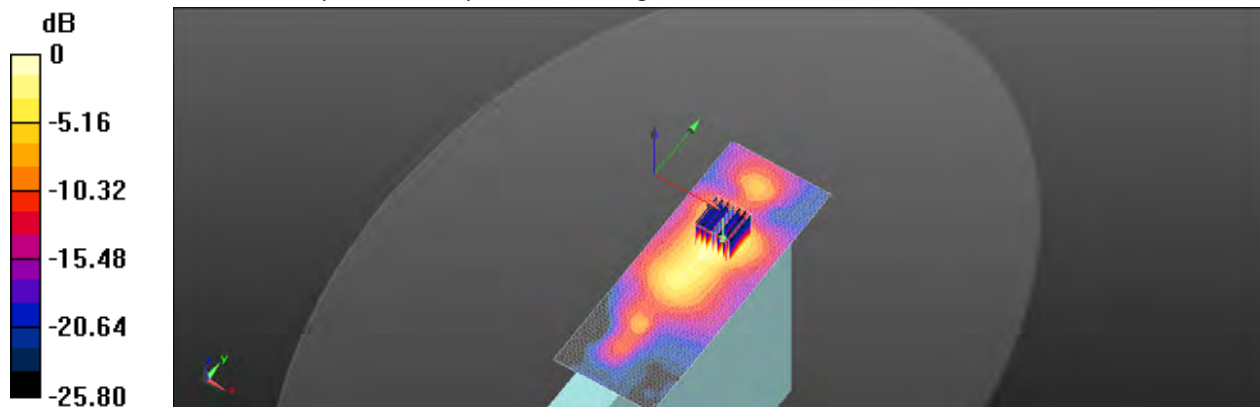
- Probe: EX3DV4 - SN7466; ConvF(5.56, 5.56, 5.56); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (71x191x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $2.14 \text{ W/kg}$ 
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value =  $2.200 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$ 

Peak SAR (extrapolated) =  $3.90 \text{ W/kg}$ 
**SAR(1 g) =  $1.17 \text{ W/kg}$ ; SAR(10 g) =  $0.413 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $2.21 \text{ W/kg}$ 

 $0 \text{ dB} = 2.21 \text{ W/kg} = 3.44 \text{ dBW/kg}$ 

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t (886-2) 2299-3279

f (886-2) 2298-0488

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## WLAN 802.11ac(80M) 5.3G\_Body\_Bottom side\_CH 58\_Main\_0mm

Communication System: WLAN 5G; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5290 \text{ MHz}$ ;  $\sigma = 4.754 \text{ S/m}$ ;  $\epsilon_r = 36.397$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $21.9^\circ\text{C}$ ; Liquid temperature:  $22.2^\circ\text{C}$ 

### DASY5 Configuration:

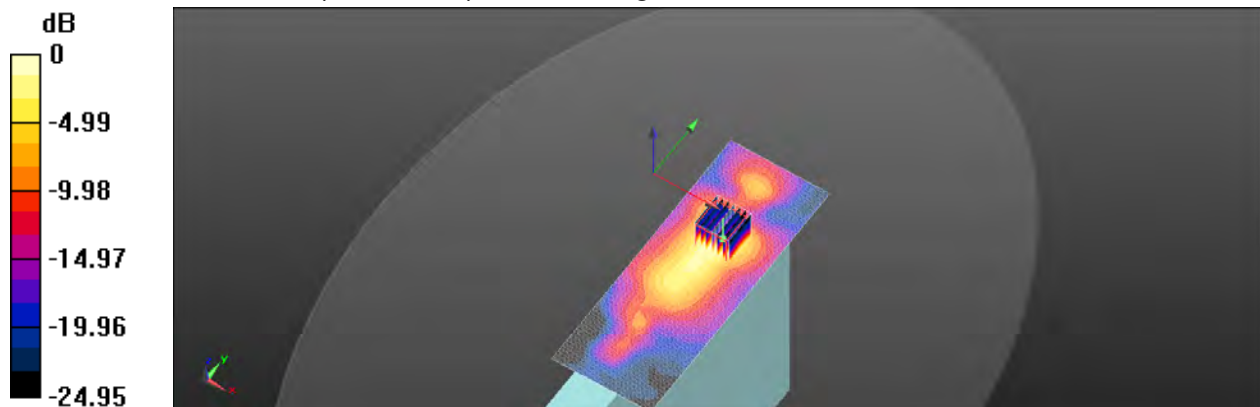
- Probe: EX3DV4 - SN7466; ConvF(5.41, 5.41, 5.41); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (71x191x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $2.05 \text{ W/kg}$ 
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value =  $2.654 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$ 

Peak SAR (extrapolated) =  $3.67 \text{ W/kg}$ 
**SAR(1 g) =  $1.11 \text{ W/kg}$ ; SAR(10 g) =  $0.394 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $2.07 \text{ W/kg}$ 

 $0 \text{ dB} = 2.07 \text{ W/kg} = 3.16 \text{ dBW/kg}$ 

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f (886-2) 2298-0488

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Date: 2019/6/17

## WLAN 802.11ac(80M) 5.6G\_Body\_Bottom side\_CH 138\_Main\_0mm

Communication System: WLAN 5G; Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5690 \text{ MHz}$ ;  $\sigma = 5.315 \text{ S/m}$ ;  $\epsilon_r = 35.278$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $22.7^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.88, 4.88, 4.88); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (71x161x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.63 \text{ W/kg}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $3.130 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$

Peak SAR (extrapolated) =  $3.09 \text{ W/kg}$

**SAR(1 g) =  $0.861 \text{ W/kg}$ ; SAR(10 g) =  $0.306 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.64 \text{ W/kg}$

**Zoom Scan (7x7x12)/Cube 1:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $3.130 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$

Peak SAR (extrapolated) =  $2.41 \text{ W/kg}$

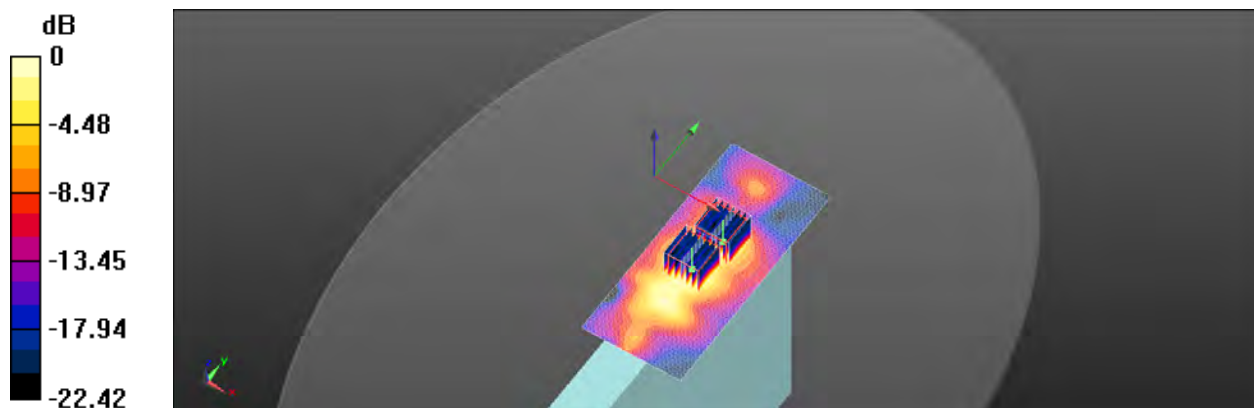
**SAR(1 g) =  $0.650 \text{ W/kg}$ ; SAR(10 g) =  $0.229 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.29 \text{ W/kg}$

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0 dB = 1.29 W/kg = 1.11 dBW/kg

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f (886-2) 2298-0488

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## WLAN 802.11ac(80M) 5.8G\_Body\_Bottom side\_CH 155\_Main\_0mm

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

Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 5.452 \text{ S/m}$ ;  $\epsilon_r = 34.947$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.4^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (71x161x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.38 \text{ W/kg}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $3.135 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$

Peak SAR (extrapolated) =  $2.68 \text{ W/kg}$

**SAR(1 g) =  $0.746 \text{ W/kg}$ ; SAR(10 g) =  $0.264 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.43 \text{ W/kg}$

**Zoom Scan (7x7x12)/Cube 1:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $3.135 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$

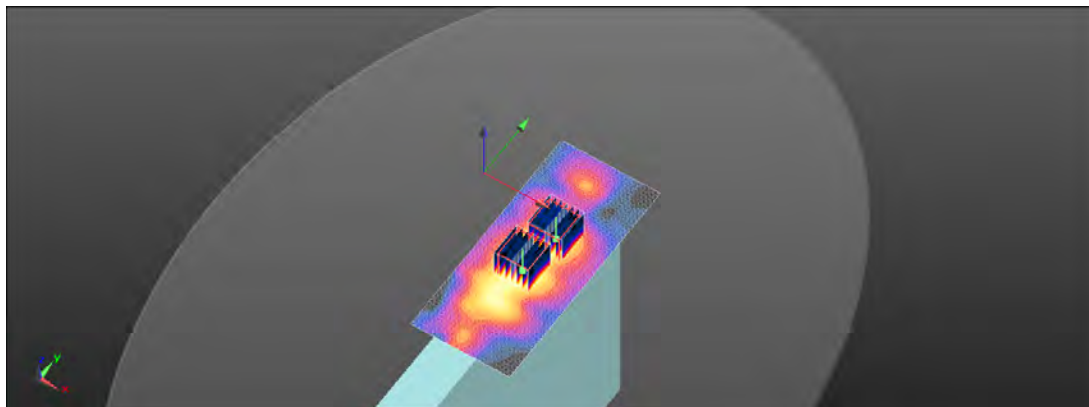
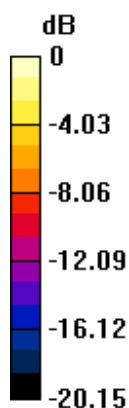
Peak SAR (extrapolated) =  $2.21 \text{ W/kg}$

**SAR(1 g) =  $0.586 \text{ W/kg}$ ; SAR(10 g) =  $0.206 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.16 \text{ W/kg}$

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

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## WLAN 802.11b\_Body\_Back side\_CH 1\_Aux\_0mm

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

Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.779 \text{ S/m}$ ;  $\epsilon_r = 38.692$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.66, 7.66, 7.66); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (61x131x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.403 \text{ W/kg}$

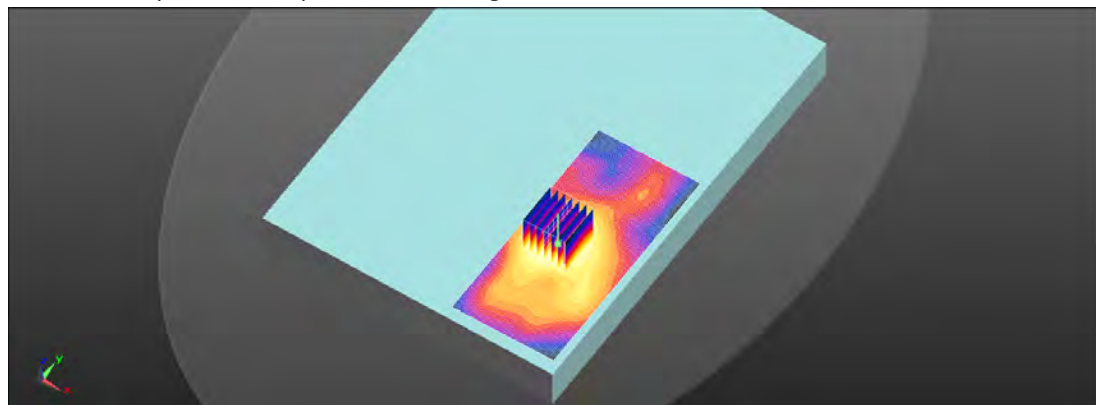
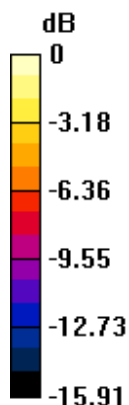
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.788 \text{ V/m}$ ; Power Drift =  $0.15 \text{ dB}$

Peak SAR (extrapolated) =  $0.499 \text{ W/kg}$

**SAR(1 g) =  $0.293 \text{ W/kg}$ ; SAR(10 g) =  $0.171 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.397 \text{ W/kg}$



0 dB =  $0.397 \text{ W/kg}$  =  $-4.01 \text{ dBW/kg}$

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## WLAN 802.11ac(80M) 5.2G\_Body\_Top side\_CH 42\_Aux\_0mm

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

Medium parameters used:  $f = 5210 \text{ MHz}$ ;  $\sigma = 4.661 \text{ S/m}$ ;  $\epsilon_r = 36.46$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $21.7^\circ\text{C}$ ; Liquid temperature:  $22.1^\circ\text{C}$ 

### DASY5 Configuration:

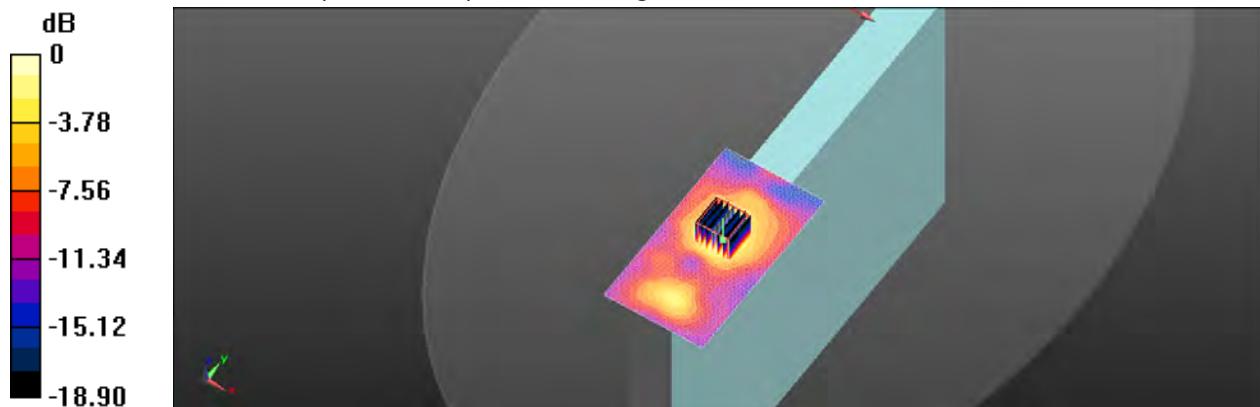
- Probe: EX3DV4 - SN7466; ConvF(5.56, 5.56, 5.56); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (71x131x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $1.47 \text{ W/kg}$ 
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value =  $4.474 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$ 

Peak SAR (extrapolated) =  $2.46 \text{ W/kg}$ 
**SAR(1 g) =  $0.804 \text{ W/kg}$ ; SAR(10 g) =  $0.320 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $1.44 \text{ W/kg}$ 

 $0 \text{ dB} = 1.44 \text{ W/kg} = 1.58 \text{ dBW/kg}$ 

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f (886-2) 2298-0488

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## WLAN 802.11ac(80M) 5.3G\_Body\_Top side\_CH 58\_Aux\_0mm

Communication System: WLAN 5G; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5290 \text{ MHz}$ ;  $\sigma = 4.754 \text{ S/m}$ ;  $\epsilon_r = 36.397$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $21.9^\circ\text{C}$ ; Liquid temperature:  $22.2^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.41, 5.41, 5.41); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (71x131x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.16 \text{ W/kg}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $3.758 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$

Peak SAR (extrapolated) =  $2.01 \text{ W/kg}$

**SAR(1 g) =  $0.645 \text{ W/kg}$ ; SAR(10 g) =  $0.262 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.16 \text{ W/kg}$

**Zoom Scan (7x7x12)/Cube 1:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $3.758 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$

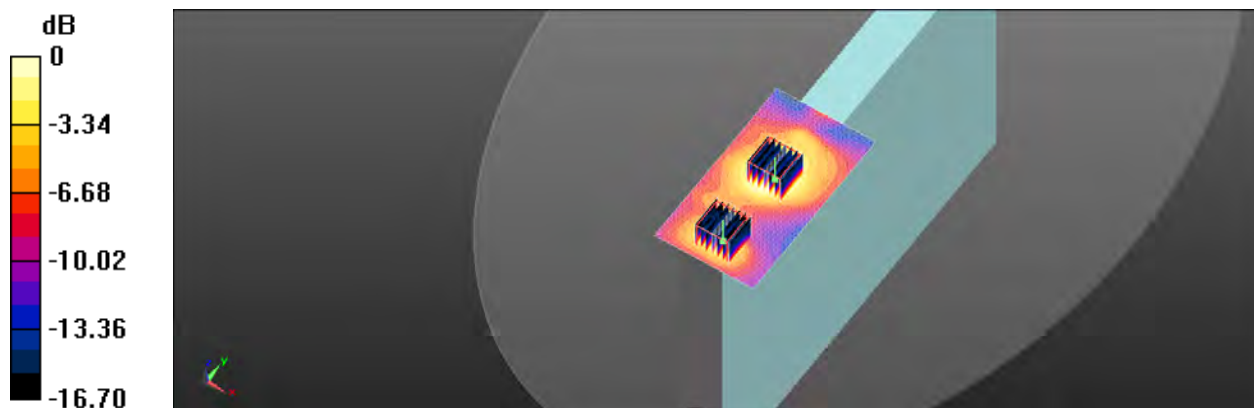
Peak SAR (extrapolated) =  $1.45 \text{ W/kg}$

**SAR(1 g) =  $0.469 \text{ W/kg}$ ; SAR(10 g) =  $0.173 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.856 \text{ W/kg}$

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0 dB = 0.856 W/kg = -0.68 dBW/kg

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Date: 2019/6/17

## 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:  $f = 5530 \text{ MHz}$ ;  $\sigma = 5.091 \text{ S/m}$ ;  $\epsilon_r = 35.475$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $22.7^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.88, 4.88, 4.88); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (71x131x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.943 \text{ W/kg}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $3.076 \text{ V/m}$ ; Power Drift =  $0.19 \text{ dB}$

Peak SAR (extrapolated) =  $1.77 \text{ W/kg}$

**SAR(1 g) =  $0.535 \text{ W/kg}$ ; SAR(10 g) =  $0.216 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.993 \text{ W/kg}$

**Zoom Scan (7x7x12)/Cube 1:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $3.076 \text{ V/m}$ ; Power Drift =  $0.19 \text{ dB}$

Peak SAR (extrapolated) =  $1.45 \text{ W/kg}$

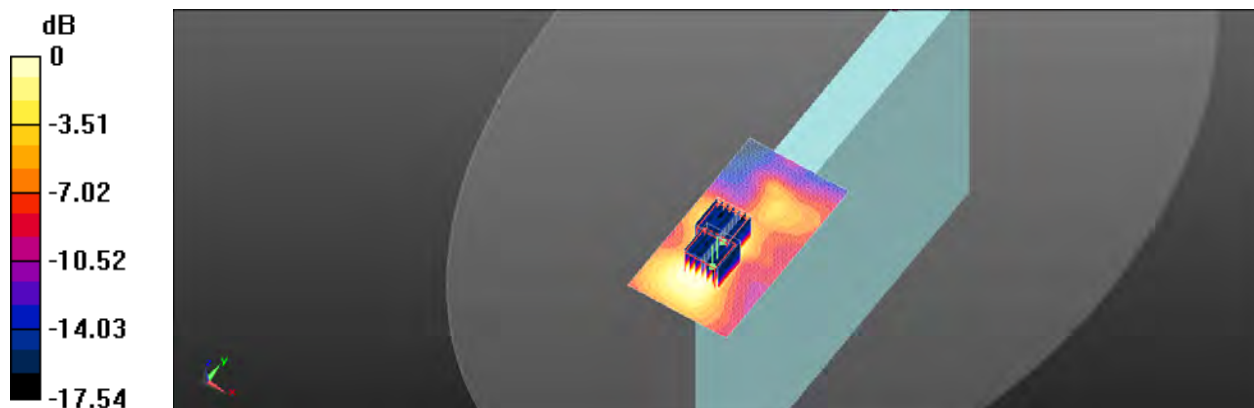
**SAR(1 g) =  $0.432 \text{ W/kg}$ ; SAR(10 g) =  $0.193 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.835 \text{ W/kg}$

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0 dB = 0.835 W/kg = -0.78 dBW/kg

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Date: 2019/6/17

## WLAN 802.11ac(80M) 5.8G\_Body\_Top side\_CH 155\_Aux\_0mm

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

Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 5.452 \text{ S/m}$ ;  $\epsilon_r = 34.947$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $22.4^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$ 

### DASY5 Configuration:

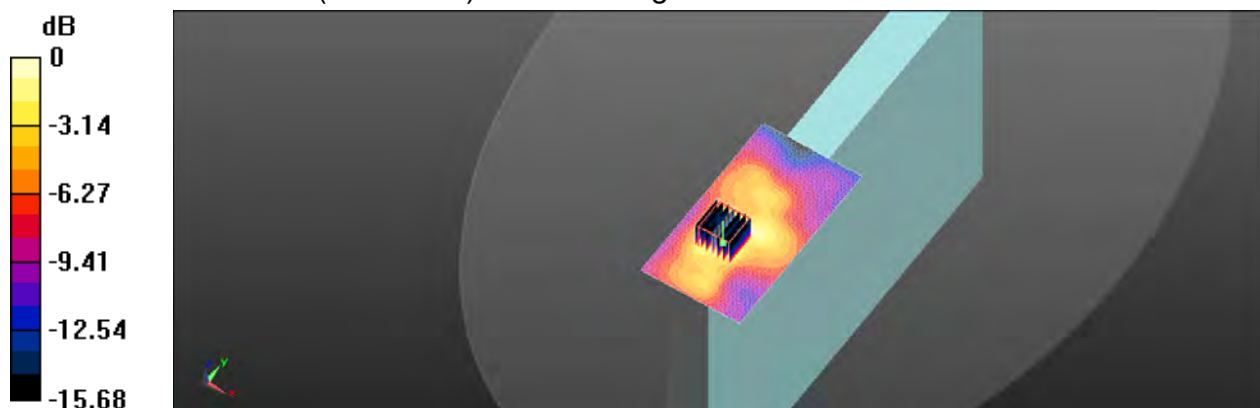
- Probe: EX3DV4 - SN7466; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI; ;
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (71x131x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $1.02 \text{ W/kg}$ 
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value =  $2.255 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$ 

Peak SAR (extrapolated) =  $1.79 \text{ W/kg}$ 
**SAR(1 g) =  $0.545 \text{ W/kg}$ ; SAR(10 g) =  $0.233 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $0.985 \text{ W/kg}$ 

 $0 \text{ dB} = 0.985 \text{ W/kg} = -0.07 \text{ dBW/kg}$ 

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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## 6.SAR System Performance Verification

Date: 2019/6/24

### Dipole 750 MHz\_SN:1015\_Head

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

Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.912 \text{ S/m}$ ;  $\epsilon_r = 42.888$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.68, 9.68, 9.68); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (41x141x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) = 2.60 W/kg

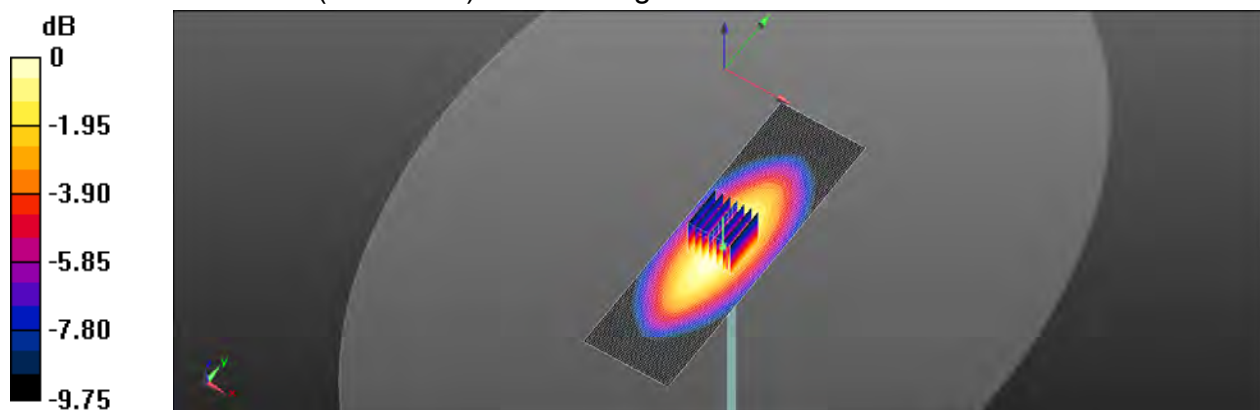
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 54.976 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.02 W/kg

**SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.4 W/kg**

Maximum value of SAR (measured) = 2.59 W/kg

 $0 \text{ dB} = 2.59 \text{ W/kg} = 4.13 \text{ dBW/kg}$ 

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Date: 2019/6/25

## Dipole 835 MHz\_SN:4d063\_Head

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

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.887 \text{ S/m}$ ;  $\epsilon_r = 42.699$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $21.7^\circ\text{C}$ ; Liquid temperature:  $22.1^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.44, 9.44, 9.44); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (41x121x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.87 \text{ W/kg}$

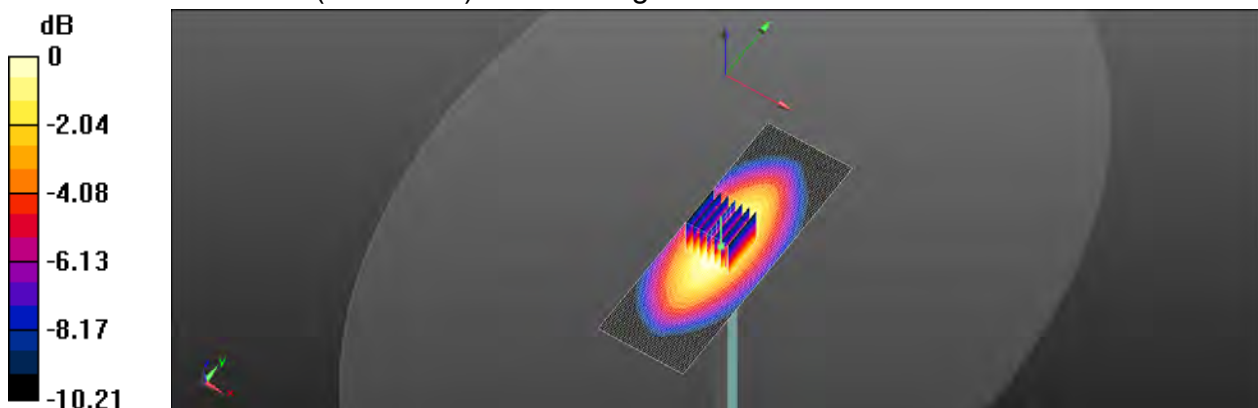
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $58.141 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $3.36 \text{ W/kg}$

**SAR(1 g) =  $2.3 \text{ W/kg}$ ; SAR(10 g) =  $1.53 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.88 \text{ W/kg}$



$0 \text{ dB} = 2.88 \text{ W/kg} = 4.59 \text{ dBW/kg}$

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Date: 2019/6/26

## Dipole 1750 MHz\_SN:1008\_Head

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

Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.336 \text{ S/m}$ ;  $\epsilon_r = 40.655$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.44, 8.44, 8.44); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) =  $13.2 \text{ W/kg}$

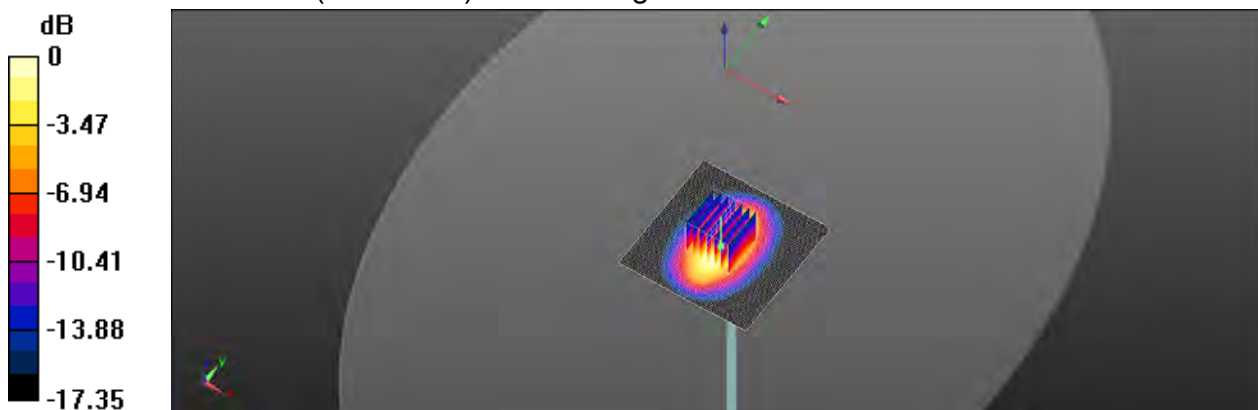
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $100.2 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $17.0 \text{ W/kg}$

**SAR(1 g) =  $8.98 \text{ W/kg}$ ; SAR(10 g) =  $4.68 \text{ W/kg}$**

Maximum value of SAR (measured) =  $13.1 \text{ W/kg}$



0 dB =  $13.1 \text{ W/kg}$  =  $11.17 \text{ dBW/kg}$

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Date: 2019/6/27

## Dipole 1900 MHz\_SN:5d173\_Head

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

Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.45 \text{ S/m}$ ;  $\epsilon_r = 40.114$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.2^\circ\text{C}$ ; Liquid temperature:  $21.8^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.23, 8.23, 8.23); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) =  $14.7 \text{ W/kg}$

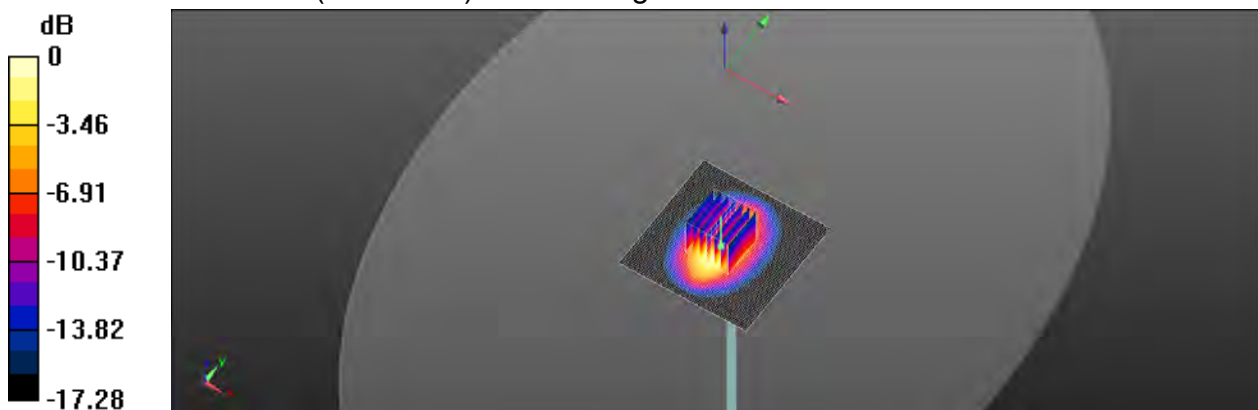
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $101.1 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $18.8 \text{ W/kg}$

**SAR(1 g) =  $10.2 \text{ W/kg}$ ; SAR(10 g) =  $5.32 \text{ W/kg}$**

Maximum value of SAR (measured) =  $14.7 \text{ W/kg}$



0 dB =  $14.7 \text{ W/kg}$  =  $11.67 \text{ dBW/kg}$

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Date: 2019/6/14

## Dipole 2450 MHz\_SN:727\_Head

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

Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.821 \text{ S/m}$ ;  $\epsilon_r = 38.479$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.66, 7.66, 7.66); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (51x61x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) =  $21.8 \text{ W/kg}$

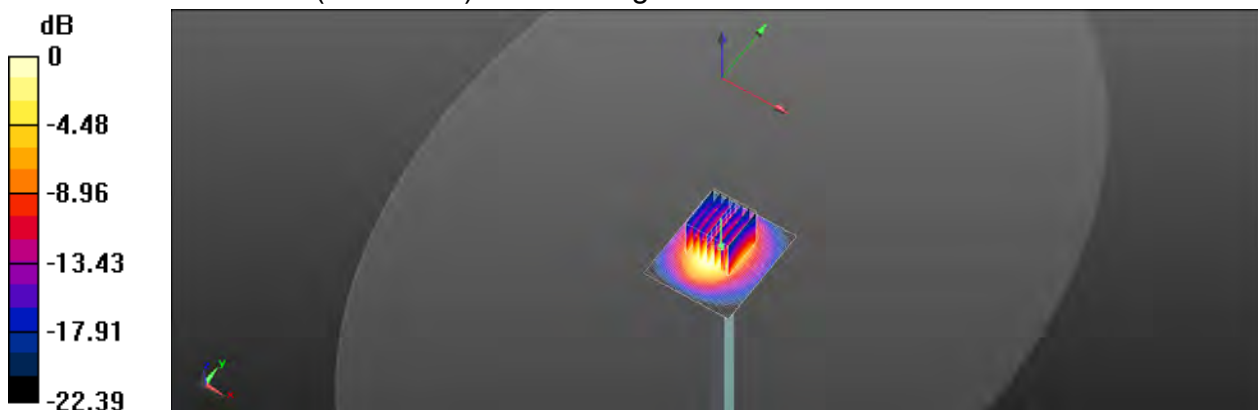
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $106.9 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $26.8 \text{ W/kg}$

**SAR(1 g) =  $13 \text{ W/kg}$ ; SAR(10 g) =  $6.08 \text{ W/kg}$**

Maximum value of SAR (measured) =  $19.7 \text{ W/kg}$



0 dB =  $19.7 \text{ W/kg}$  =  $12.94 \text{ dBW/kg}$

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Date: 2019/6/28

## Dipole 2600 MHz\_SN:1005\_Head

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

Medium parameters used:  $f = 2600 \text{ MHz}$ ;  $\sigma = 1.972 \text{ S/m}$ ;  $\epsilon_r = 38.071$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $21.6^\circ\text{C}$ ; Liquid temperature:  $22.0^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/4/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) =  $22.4 \text{ W/kg}$

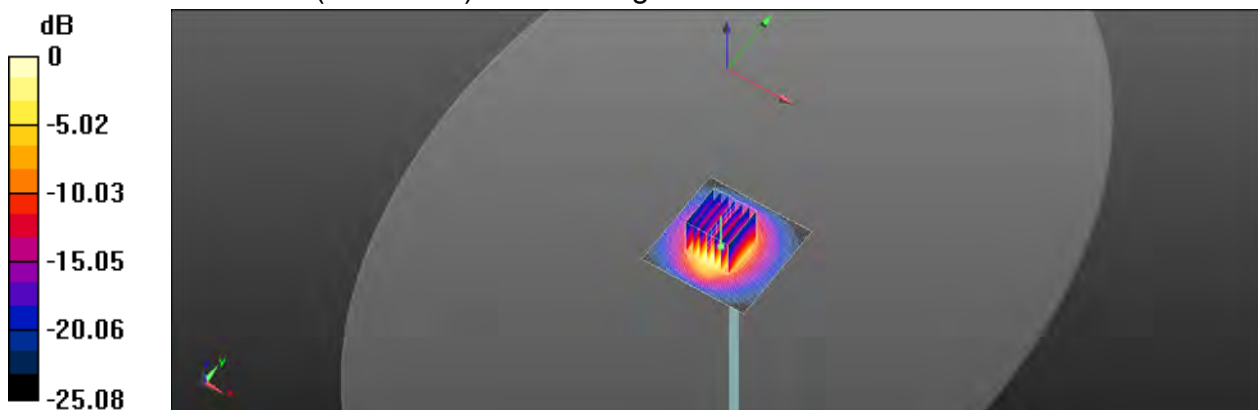
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $105.5 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $31.2 \text{ W/kg}$

**SAR(1 g) =  $13.9 \text{ W/kg}$ ; SAR(10 g) =  $6.07 \text{ W/kg}$**

Maximum value of SAR (measured) =  $22.1 \text{ W/kg}$



0 dB =  $22.1 \text{ W/kg}$  =  $13.44 \text{ dBW/kg}$

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2019/6/14

## Dipole 5200 MHz\_SN:1023\_Head

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

Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 4.629 \text{ S/m}$ ;  $\epsilon_r = 36.58$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $21.7^\circ\text{C}$ ; Liquid temperature:  $22.1^\circ\text{C}$ 

### DASY5 Configuration:

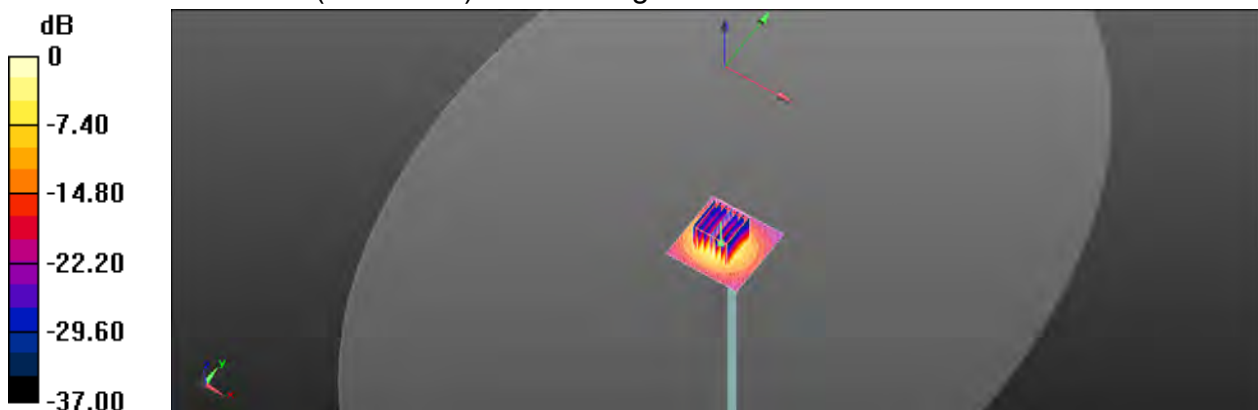
- Probe: EX3DV4 - SN7466; ConvF(5.56, 5.56, 5.56); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=100mW/Area Scan (51x51x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$ 

Maximum value of SAR (interpolated) =  $17.5 \text{ W/kg}$ 
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value =  $62.31 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$ 

Peak SAR (extrapolated) =  $38.2 \text{ W/kg}$ 
**SAR(1 g) =  $8.48 \text{ W/kg}$ ; SAR(10 g) =  $2.36 \text{ W/kg}$** 

Maximum value of SAR (measured) =  $17.7 \text{ W/kg}$ 

 $0 \text{ dB} = 17.7 \text{ W/kg} = 12.48 \text{ dBW/kg}$ 

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## Dipole 5300 MHz\_SN:1023\_Head

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

Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 4.762 \text{ S/m}$ ;  $\epsilon_r = 36.303$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $21.9^\circ\text{C}$ ; Liquid temperature:  $22.2^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.41, 5.41, 5.41); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=100mW/Area Scan (51x51x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) =  $16.9 \text{ W/kg}$

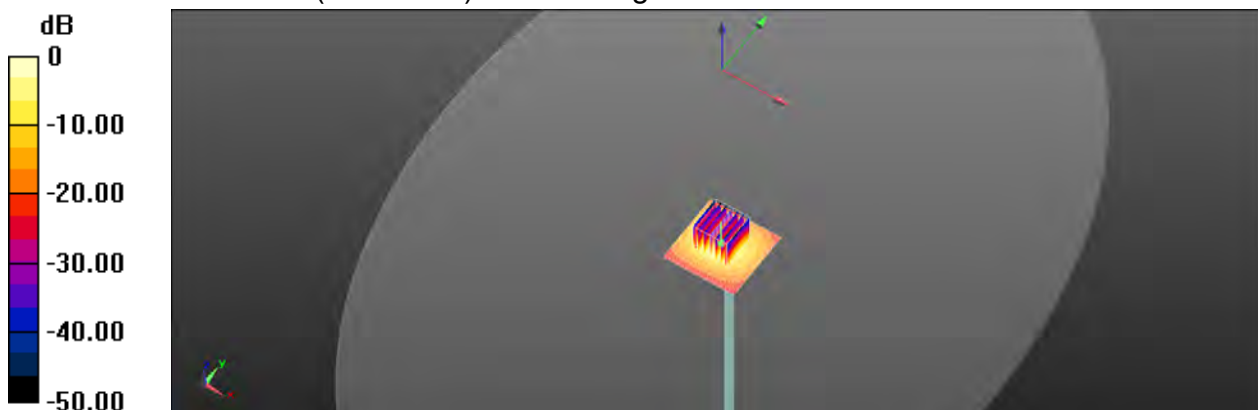
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $60.84 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$

Peak SAR (extrapolated) =  $40.4 \text{ W/kg}$

**SAR(1 g) =  $8.06 \text{ W/kg}$ ; SAR(10 g) =  $2.23 \text{ W/kg}$**

Maximum value of SAR (measured) =  $17.5 \text{ W/kg}$



$0 \text{ dB} = 17.5 \text{ W/kg} = 12.43 \text{ dBW/kg}$

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2019/6/17

## Dipole 5600 MHz\_SN:1023\_Head

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

Medium parameters used:  $f = 5600 \text{ MHz}$ ;  $\sigma = 5.161 \text{ S/m}$ ;  $\epsilon_r = 35.483$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature:  $22.3^\circ\text{C}$ ; Liquid temperature:  $22.7^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.88, 4.88, 4.88); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=100mW/Area Scan (51x51x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) =  $19.5 \text{ W/kg}$

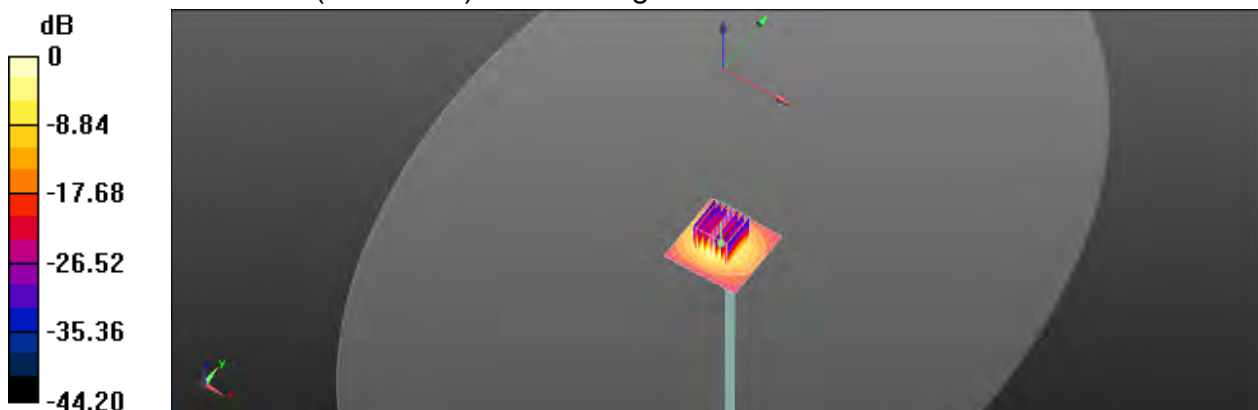
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $64.64 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $40.1 \text{ W/kg}$

**SAR(1 g) =  $8.9 \text{ W/kg}$ ; SAR(10 g) =  $2.47 \text{ W/kg}$**

Maximum value of SAR (measured) =  $19.1 \text{ W/kg}$



$0 \text{ dB} = 19.1 \text{ W/kg} = 12.81 \text{ dBW/kg}$

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Date: 2019/6/17

**Dipole 5800 MHz\_SN:1023\_Head**

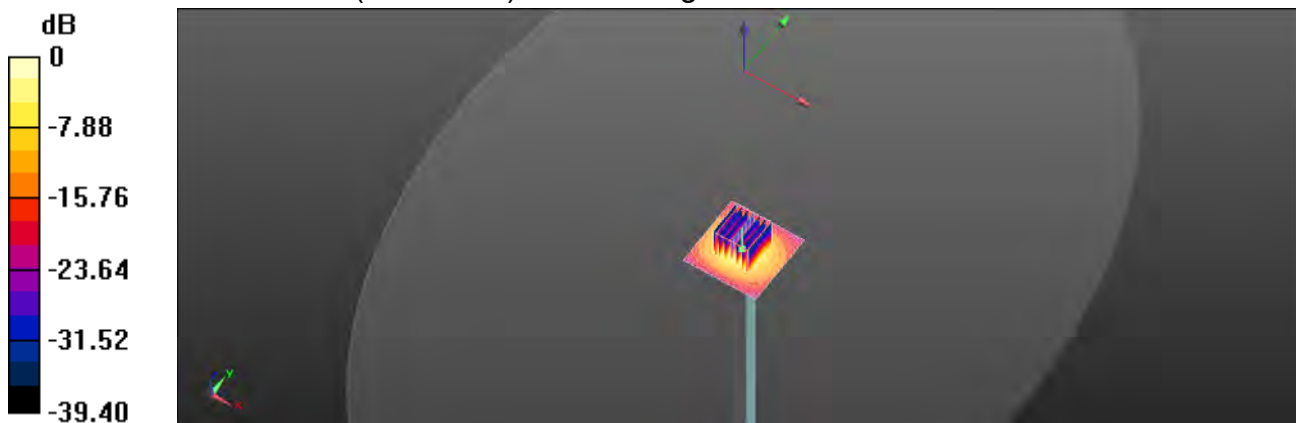
Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.483 \text{ S/m}$ ;  $\epsilon_r = 34.926$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature:  $22.4^\circ\text{C}$ ; Liquid temperature:  $21.9^\circ\text{C}$ **DASY5 Configuration:**

- Probe: EX3DV4 - SN7466; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2019/4/24
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=100mW/Area Scan (51x51x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$ Maximum value of SAR (interpolated) =  $17.7 \text{ W/kg}$ **Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ Reference Value =  $59.86 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$ Peak SAR (extrapolated) =  $36.4 \text{ W/kg}$ **SAR(1 g) =  $8.02 \text{ W/kg}$ ; SAR(10 g) =  $2.29 \text{ W/kg}$** Maximum value of SAR (measured) =  $17.1 \text{ W/kg}$  $0 \text{ dB} = 17.1 \text{ W/kg} = 12.33 \text{ dBW/kg}$ 

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## 7. Uncertainty Budget

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

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probabilit y	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
<b>Measurement system</b>									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
<b>Isotropy , Axial</b>	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
<b>Isotropy, Hemispherical</b>	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
<b>Measurement drift (class A evaluation)</b>	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
<b>Test Sample related</b>									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
<b>Phantom and Setup</b>									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	3.31%	N	1	1	0.64	0.43	2.12%	1.42%	M
Liquid Conductivity (mea.)	4.94%	N	1	1	0.6	0.49	2.96%	2.42%	M
Combined standard uncertainty		RSS					11.98%	11.75%	
Expan uncertainty (95% confidence)							23.97%	23.50%	

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f (886-2) 2298-0488

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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	Probabilit y	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
<b>Measurement system</b>									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
<b>Isotropy , Axial</b>	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
<b>Isotropy, Hemispherical</b>	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
<b>Measurement drift (class A evaluation)</b>	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
<b>Mechanical restrictions</b>									
Probe Positioning with respect to phantom	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
<b>Test Sample related</b>									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
<b>Phantom and Setup</b>									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	1.65%	N	1	1	0.64	0.43	1.06%	0.71%	M
Liquid Conductivity (mea.)	4.04%	N	1	1	0.6	0.49	2.42%	1.98%	M
Combined standard uncertainty		RSS					12.01%	11.89%	
Expant uncertainty (95% confidence)							24.02%	23.79%	

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## Appendixes

**Refer to separated files for the following appendixes.**

**EN201950022 SAR\_Appendix A Photographs**

**EN201950022 SAR\_Appendix B DAE & Probe Cal. Certificate**

**EN201950022 SAR\_Appendix C Phantom Description & Dipole Cal. Certificate**

**- End of report -**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.

台灣檢驗科技股份有限公司

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.tw.sgs.com](http://www.tw.sgs.com)

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