



FCC RADIO TEST REPORT

FCC ID : UZ7ET65WW
Equipment : Tablet
Brand Name : Zebra
Model Name : ET65WW
Applicant : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Manufacturer : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

The product was received on Jul. 15, 2024 and testing was performed from Aug. 07, 2024 to Sep. 05, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG471511B	01	Initial issue of report	Sep. 30, 2024



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5) §90.635	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (Band 43)		
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	12.96 dB under the limit at 6931.00 MHz
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 30) (Band 42) (Band 43)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		
	§2.1053 §27.53 (l)(2)	Radiated Spurious Emission (Band 43)		
Remark:				
1. For host device, Radiated Spurious Emission, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and comply with the limit in this test report.				
2. For host device, the Conducted Output Power is no difference after compared to module (Model: RM520N-GL)				

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Ming Chen



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Tablet
Brand Name	Zebra
Model Name	ET65WW
FCC ID	UZ7ET65WW
EUT supports Radios application	WCDMA/HSPA/LTE/5G NR/NFC WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 WLAN 11be EHT20/ EHT40/ EHT80/EHT160/EHT320 Bluetooth BR/EDR/LE
HW Version	EV
SW Version	Windows 11 PRO
MFD	10JUL24
EUT Stage	Identical Prototype

Remark: The EUT's information above is declared by manufacturer.

Specification of Accessories				
Adaptor with CLA cable	Brand Name	FSP	Model Number	FSP045-A2BR3
Power Cord	Brand Name	Zebra	Part Number	1411-01X5000
Battery 1	Brand Name	ZEBRA	Model Number	BT-000484
Battery 2	Brand Name	ZEBRA	Model Number	BT-000484A
Expansion pack	Brand Name	Zebra	Model Number	ET60WW-0S6DPS00A1-00

SKU List					
	SKU1	SKU2	SKU3	SKU5	SKU6
OS	Pro	Pro	Pro	Pro	Pro
CPU	i7 Vpro	i7 Non Vpro	i5 Vpro	i5 Non Vpro	i5 Non Vpro
Memory	32G RAM	32G RAM	16G RAM	16G RAM	8G RAM
DDR Vendor	Hynix	Hynix	Samsung	Hynix	Hynix
STORAGE	512GB	512GB	256GB	256GB	128GB
TPM (Touch Sensor)	Sigmasense	Sigmasense	Sigmasense	Sigmasense	Sigmasense
WWAN	YES	YES	YES	YES	YES
WLAN + BT	YES	YES	YES	YES	YES
BCR	YES	YES	No	No	No
FPR	YES	No	No	No	Yes
Panel	Standard	Standard	Standard	Standard	Standard
Sensors	Standard	Standard	Standard	Standard	Standard
Battery	Standard	Standard	Standard	Standard	Standard
NFC	Yes	Yes	Yes	Yes	Yes
RS232/RJ45 (PWB)	Yes	Yes	Yes	Yes	Yes



1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx Frequency	LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 2567.5 MHz LTE Band 12: 699.7 MHz ~ 715.3 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 14: 790.5 MHz ~ 795.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7MHz ~ 1914.3 MHz LTE Band 26 (Part22H): 824.7 MHz ~ 848.3 MHz LTE Band 26 (Part90S): 814.7 MHz ~ 823.3 MHz LTE Band 30: 2307.5 MHz ~ 2312.5 MHz LTE Band 38: 2572.5 MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 42: 3452.5 MHz ~ 3547.5 MHz LTE Band 43: 3702.5 MHz ~ 3797.5 MHz LTE Band 66: 1710.7 MHz ~ 1779.3 MHz LTE Band 71: 665.5 MHz ~ 695.5 MHz
Rx Frequency	LTE Band 2: 1930.7 MHz ~ 1989.3 MHz LTE Band 4: 2110.7 MHz ~ 2154.3 MHz LTE Band 5: 869.7 MHz ~ 893.3 MHz LTE Band 7: 2622.5MHz ~ 2687.5 MHz LTE Band 12: 729.7 MHz ~ 745.3 MHz LTE Band 13: 748.5 MHz ~ 753.5 MHz LTE Band 14: 760.5 MHz ~ 765.5 MHz LTE Band 17: 736.5 MHz ~ 743.5 MHz LTE Band 25: 1930.7MHz ~ 1994.3 MHz LTE Band 26 (Part22H): 869.7 MHz ~ 893.3MHz LTE Band 26 (Part90S): 859.7 MHz ~ 868.3 MHz LTE Band 30: 2352.5 MHz ~ 2357.5 MHz LTE Band 38: 2572.5 MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 42: 3452.5 MHz ~ 3547.5 MHz LTE Band 43: 3702.5 MHz ~ 3797.5 MHz LTE Band 66: 2110.7 MHz ~ 2199.3 MHz LTE Band 71: 619.5 MHz ~ 649.5 MHz



Product Specification is subject to this standard	
Bandwidth	LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 7: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13: 5MHz / 10MHz LTE Band 14: 5MHz / 10MHz LTE Band 17 : 5MHz / 10MHz LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 26: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 30 : 5MHz / 10MHz LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 42: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 43: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 71: 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	LTE Band 2 : 23.55 dBm LTE Band 2C : 24.56 dBm LTE Band 4 : 23.61 dBm LTE Band 5 : 23.96 dBm LTE Band 5B : 24.77 dBm LTE Band 7 : 23.45 dBm LTE Band 7C : 24.71 dBm LTE Band 12 : 23.96 dBm LTE Band 13 : 24.00 dBm LTE Band 14 : 24.07 dBm LTE Band 17 : 23.92 dBm LTE Band 25 : 23.58 dBm LTE Band 26 : 23.77 dBm for Part22H LTE Band 26 : 23.63 dBm for Part90S LTE Band 30 : 21.58 dBm LTE Band 38 : 23.64 dBm LTE Band 38C : 24.60 dBm LTE Band 41 : 25.64 dBm for HPUE LTE Band 41C : 26.61 dBm for HPUE LTE Band 42 : 21.04 dBm LTE Band 43 : 21.03 dBm LTE Band 42C : 21.95 dBm LTE Band 43C : 21.99 dBm LTE Band 66 : 23.66 dBm LTE Band 66B : 24.82 dBm LTE Band 66C : 24.63 dBm LTE Band 71 : 23.91 dBm



Product Specification is subject to this standard	
Antenna Type	Fixed Internal Antenna
Antenna Type / Antenna Gain	LTE Band 2 : 3.4 dBi LTE Band 4 : 0.64 dBi LTE Band 5 : -2.1 dBi LTE Band 7 : -0.19 dBi LTE Band 12 : -0.94 dBi LTE Band 13 : -1.88 dBi LTE Band 14 : -2.2 dBi LTE Band 17 : -0.94 dBi LTE Band 25 : 3.4 dBi LTE Band 26 : -2.1 dBi LTE Band 30 : 0.73 dBi LTE Band 38 : -0.58 dBi LTE Band 41 : 0.31 dBi for HPUE LTE Band 42 : 0.13 dBi LTE Band 43 : -1.28 dBi LTE Band 66 : 1.04 dBi LTE Band 71 : 0.82 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B42, B43, B66, B71, B2C, B5B, B7C, B41C, B42C, B43C, B66B, B66C
Evaluated and Tested band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B42, B43, B66, B71, B2C, B5B, B7C, B41C, B42C, B43C, B66B, B66C

FDD/TDD band Power Class				
	PC3	PC2		
B2/B2C	V			
B4	V			
B5/B5B	V			
B7/B7C	V			
B12	V			
B13	V			
B14	V			
B17	V			
B25	V			
B26	V			
B30	V			
B38	V			
B41	V	V		
B42/B42C	V			
B43/B43C	V			
B66/B66B/B66C	V			
B71	V			



1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333
Test Site No.	Sporton Site No.
	TH03-HY
Test Engineer	HaoEn Zhang
Temperature (°C)	21.3~23.5
Relative Humidity (%)	50.6~55.4

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010
Test Site No.	Sporton Site No.
	03CH22HY (TAF Code: 3786)
Test Engineer	Fred and Karl Hou
Temperature (°C)	20.5~21.4
Relative Humidity (%)	54.5~63.1
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786

1.5 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

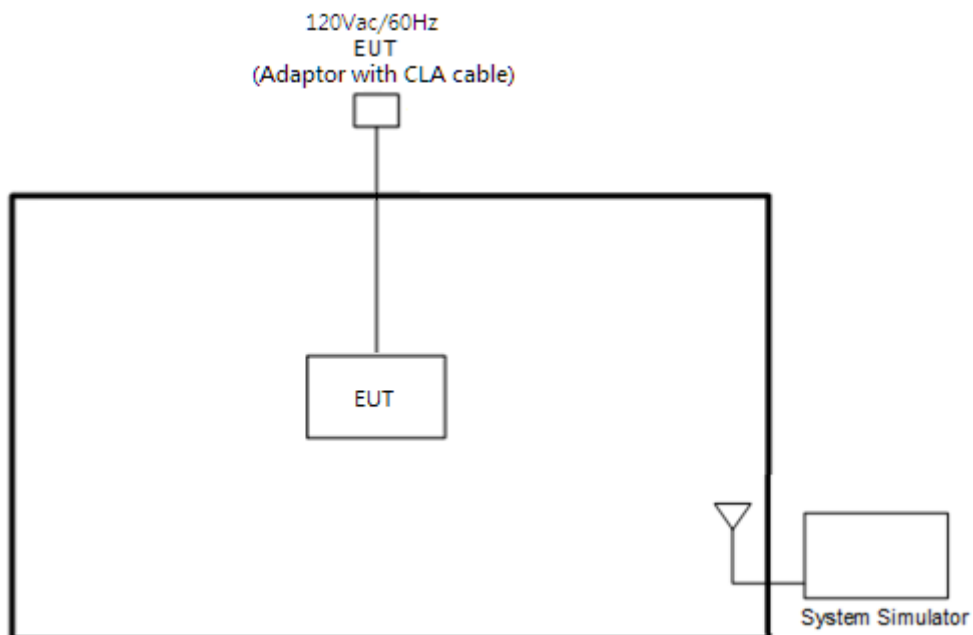
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
RSE	A	Max	1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. Output Conducted Power was spot checks Original models worse case Modulation
4. All the radiated test cases were performed with Battery 1 and SKU 1.

2.2 Connection Diagram of Test System

<EUT with Adapter>



<EUT without Accessory>



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m



2.4 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3



LTE Band 5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

LTE Band 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3



LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

LTE Band 14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23330	-
	Frequency	-	793	-
5	Channel	23305	23330	23355
	Frequency	790.5	793	795.5

LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5



LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



LTE Band 26 Channel and Frequency List (Part22H)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels		
15	Channel	26765	26790	-
	Frequency	821.5	824	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-



LTE Band 30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5

LTE Band 38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	37850	38000	38150
	Frequency	2580.0	2595.0	2610.0
15	Channel	37825	38000	38175
	Frequency	2577.5	2595.0	2612.5
10	Channel	37800	38000	38200
	Frequency	2575.0	2595.0	2615.0
5	Channel	37775	38000	38225
	Frequency	2572.5	2595.0	2617.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506.0	2593.0	2680.0
15	Channel	39725	40620	41515
	Frequency	2503.5	2593.0	2682.5
10	Channel	39700	40620	41540
	Frequency	2501.0	2593.0	2685.0
5	Channel	39675	40620	41565
	Frequency	2498.5	2593.0	2687.5



LTE Band 42 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43065
	Frequency	3452.5	3500	3547.5

LTE Band 43 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	44190	44215	44240
	Frequency	3660	3662.5	3665
15	Channel	44165	44215	44265
	Frequency	3657.5	3662.5	3667.5
10	Channel	44140	44215	44290
	Frequency	3655	3662.5	3670
5	Channel	44115	44215	44315
	Frequency	3652.5	3662.5	3672.5

LTE Band 66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3



LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133297	133422
	Frequency	668.0	680.5	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5



LTE Band 2C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	18653	18829	19005
		Frequency	1855.3	1872.9	1890.5
	SCC	Channel	18773	18949	19125
		Frequency	1867.3	1884.9	1902.5
15 + 10	PCC	Channel	18675	18851	19027
		Frequency	1857.5	1875.1	1892.7
	SCC	Channel	18795	18971	19147
		Frequency	1869.5	1887.1	1904.7
10 + 20	PCC	Channel	18655	18806	18956
		Frequency	1855.5	1870.6	1885.6
	SCC	Channel	18799	18950	19100
		Frequency	1869.9	1885	1900
20 + 10	PCC	Channel	18700	18551	19001
		Frequency	1860	1875.1	1890.1
	SCC	Channel	18844	18995	19145
		Frequency	1874.4	1889.5	1904.5
15 + 15	PCC	Channel	18675	18825	18975
		Frequency	1857.5	1872.5	1887.5
	SCC	Channel	18825	18975	19125
		Frequency	1872.5	1887.5	1902.5
15 + 20	PCC	Channel	18678	18803	18929
		Frequency	1857.8	1870.3	1882.9
	SCC	Channel	18849	18974	19100
		Frequency	1874.9	1887.4	1900
20 + 20	PCC	Channel	18700	18801	18902
		Frequency	1860	1870.1	1880.2
	SCC	Channel	18898	18999	19100
		Frequency	1879.8	1889.9	1900
20 + 15	PCC	Channel	18700	18826	18951
		Frequency	1860	1872.6	1885.1
	SCC	Channel	18871	18997	19122
		Frequency	1877.1	1889.7	1902.2



LTE Band 2C Channel and Frequency List_CA					
20 + 5	PCC	Channel	18700	18875	19050
		Frequency	1860	1877.5	1895
	SCC	Channel	18817	18992	19167
		Frequency	1871.7	1889.2	1906.7
5 + 20	PCC	Channel	18633	18808	18983
		Frequency	1853.3	1870.8	1888.3
	SCC	Channel	18750	18925	19100
		Frequency	1865	1882.5	1900

LTE Band 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20575
		Frequency	829.5	838.0	841.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834.0	839.0	844.0
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829.0	834.0	839.0
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0



LTE Band 7C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350
		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375
		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7



LTE Band 38C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	37850	37901	37952
		Frequency	2580.0	2585.1	2590.2
	SCC	Channel	38048	38099	38150
		Frequency	2599.8	2604.9	2610.0
15+ 15	PCC	Channel	37825	37925	38025
		Frequency	2577.5	2587.5	2597.5
	SCC	Channel	37975	38075	38175
		Frequency	2592.5	2602.5	2612.5

LTE Band 41C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	39750	40521	41292
		Frequency	2506.0	2583.1	2660.2
	SCC	Channel	39948	40719	41490
		Frequency	2525.8	2602.9	2680.0
20 + 15	PCC	Channel	39750	40546	41341
		Frequency	2506.0	2585.6	2665.1
	SCC	Channel	39921	40717	41512
		Frequency	2523.1	2602.7	2682.2
15 + 20	PCC	Channel	39728	40523	41319
		Frequency	2503.8	2593.3	2662.9
	SCC	Channel	39899	40694	41490
		Frequency	2520.9	2600.4	2680.0
20 + 10	PCC	Channel	39750	40571	41391
		Frequency	2506.0	2588.1	2670.1
	SCC	Channel	39894	40715	41535
		Frequency	2520.4	2602.5	2684.5
10 + 20	PCC	Channel	39705	40526	41346
		Frequency	2501.5	2583.6	2665.6
	SCC	Channel	39849	40670	41490
		Frequency	2515.9	2598.0	2680.0



LTE Band 41C Channel and Frequency List_CA					
20 + 5	PCC	Channel	39750	40595	41440
		Frequency	2506.0	2590.5	2675.0
	SCC	Channel	39867	40712	41557
		Frequency	2517.7	2602.2	2686.7
5 + 20	PCC	Channel	39683	40528	41373
		Frequency	2499.3	2583.8	2668.3
	SCC	Channel	39800	40645	41490
		Frequency	2511.0	2595.5	2680.0
15 + 15	PCC	Channel	39725	40545	41365
		Frequency	2503.5	2585.5	2667.5
	SCC	Channel	39875	40695	41515
		Frequency	2518.5	2600.5	2682.5
10 + 15	PCC	Channel	39703	40549	41395
		Frequency	2501.3	2585.9	2670.5
	SCC	Channel	39823	40669	41515
		Frequency	2513.3	2597.9	2682.5
15 + 10	PCC	Channel	39725	40571	41417
		Frequency	2503.5	2588.1	2672.7
	SCC	Channel	39845	40691	41537
		Frequency	2515.5	2600.1	2684.7



LTE Band 42C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	43190	42491	42792
		Frequency	3560.0	3565.1	3570.2
	SCC	Channel	43388	46289	42990
		Frequency	3579.8	3584.9	3590.0
20 + 15	PCC	Channel	42190	42517	42844
		Frequency	3560.0	3567.6	3575.4
	SCC	Channel	42361	42688	43015
		Frequency	3577.1	3584.7	3592.5
15 + 20	PCC	Channel	42165	42492	42819
		Frequency	3557.5	3565.3	3572.9
	SCC	Channel	42336	42663	42990
		Frequency	3574.6	3582.4	3590.0
20 + 10	PCC	Channel	42190	42543	42896
		Frequency	3560.0	3570.1	3580.6
	SCC	Channel	42334	42687	43040
		Frequency	3574.4	3584.5	3595.0
10 + 20	PCC	Channel	42140	42493	42846
		Frequency	3555.0	3565.6	3575.6
	SCC	Channel	42284	42637	42990
		Frequency	3569.4	3580.0	3590.0
20 + 5	PCC	Channel	42190	42569	42948
		Frequency	3560.0	3572.5	3585.8
	SCC	Channel	42307	42686	43065
		Frequency	3571.7	3584.2	3597.5
5 + 20	PCC	Channel	42115	42494	42873
		Frequency	3552.5	3565.8	3578.3
	SCC	Channel	42232	42611	42990
		Frequency	3564.2	3577.5	3590.0



LTE Band 43C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	44690	44991	45291
		Frequency	3610.0	3640.1	3670.2
	SCC	Channel	44888	45189	45489
		Frequency	3629.8	3659.9	3690.0
20 + 15	PCC	Channel	44690	45015	45340
		Frequency	3610.0	3642.6	3675.4
	SCC	Channel	44861	45186	45511
		Frequency	3627.1	3659.7	3692.5
15 + 20	PCC	Channel	44668	44993	45318
		Frequency	3607.5	3640.3	3672.9
	SCC	Channel	44839	45164	45489
		Frequency	3624.6	3657.4	3690.0
15 + 15	PCC	Channel	44668	45015	45361
		Frequency	3607.5	3642.5	3677.5
	SCC	Channel	44818	45165	45511
		Frequency	3622.5	3657.5	3692.5
15 + 10	PCC	Channel	44668	45041	45414
		Frequency	3607.5	3645.1	3683.0
	SCC	Channel	44788	45161	45534
		Frequency	3619.5	3657.1	3695.0
10 + 15	PCC	Channel	44645	45018	45391
		Frequency	3605.0	3642.9	3680.5
	SCC	Channel	44765	45138	45511
		Frequency	3617.0	3654.9	3692.5
20 + 10	PCC	Channel	44690	45040	45390
		Frequency	3610.0	3645.1	3680.6
	SCC	Channel	44834	45184	45534
		Frequency	3624.4	3659.5	3695.0



LTE Band 43C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 10	PCC	Channel	44690	45040	45390
		Frequency	3610.0	3695.4	3780.6
	SCC	Channel	44834	45184	45534
		Frequency	3624.4	3709.8	3795
10 + 20	PCC	Channel	44645	44995	45345
		Frequency	3605.0	3690.4	3775.6
	SCC	Channel	44789	45139	45489
		Frequency	3619.4	3704.8	3790
20 + 5	PCC	Channel	44690	45065	45439
		Frequency	3610.0	3698.0	3785.8
	SCC	Channel	44807	45182	45556
		Frequency	3621.7	3709.7	3797.5



LTE Band 66B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	133346	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	133347	132622
		Frequency	1720.0	1757.5	1775.0
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715.0	1752.5	1770.0
	SCC	Channel	132094	133369	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713.0	1748.1	1763.2
	SCC	Channel	132095	133346	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	133391	132642
		Frequency	1726.8	1761.9	1777.0
10 + 10	PCC	Channel	132022	132373	135523
		Frequency	1715.0	1750.1	1765.1
	SCC	Channel	132121	133372	132622
		Frequency	1724.9	1760.0	1775.0



LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7



LTE Band 66C Channel and Frequency List_CA					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

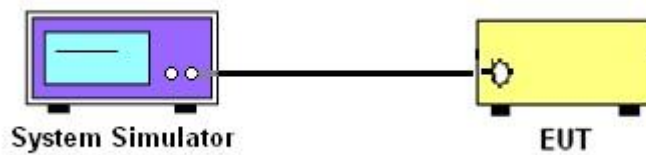
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5, Band 26 (Part 22H)

The output power of mobile transmitters must not exceed 100 Watts for LTE Band 26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 14, Band 17, Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, Band 38, Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4, Band 66, Band 42, Band 43

The EIRP of mobile transmitters must not exceed 250mW/5MHz for LTE Band 30

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

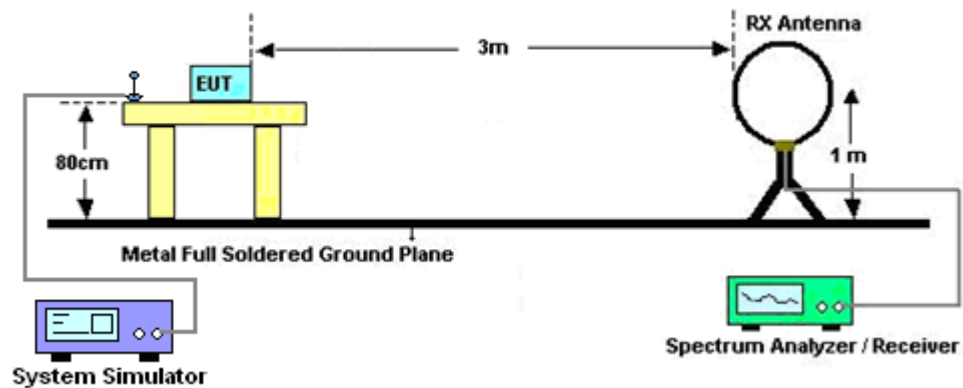
4 Radiated Test Items

4.1 Measuring Instruments

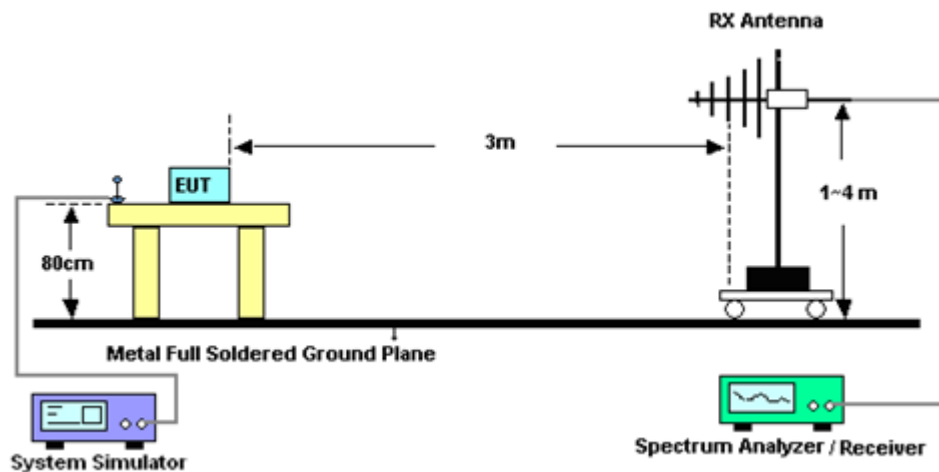
See list of measuring instruments of this test report.

4.1.1 Test Setup

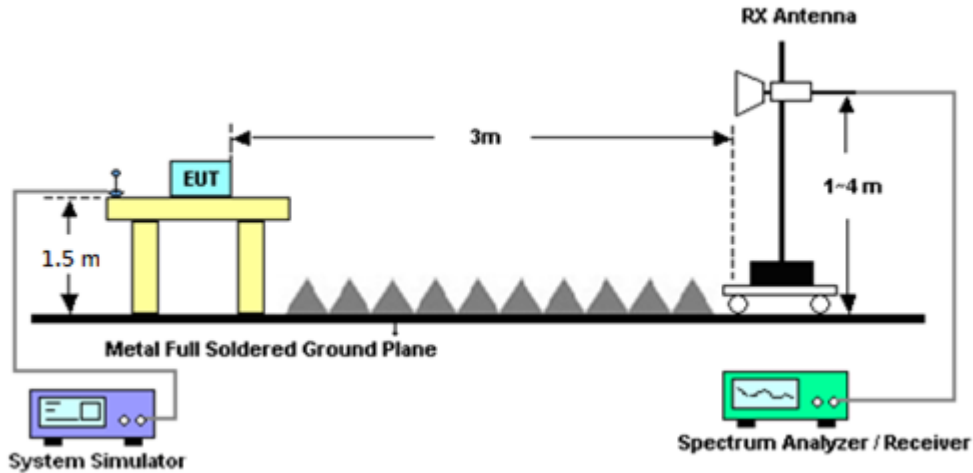
For radiated test below 30MHz



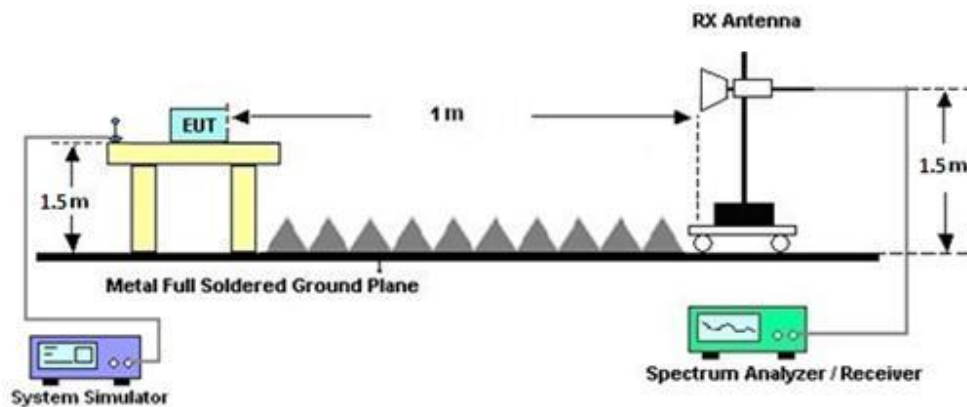
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015..

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $70 + 10 \log (P)$ dB.

For LTE Band 14

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.



4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 03, 2023	Sep. 04, 2024~ Sep. 05, 2024	Oct. 02, 2024	Conducted (TH03-HY)
Coupler+10dB + RFcable	Warison + WoKen + E-Instrument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 02, 2024	Sep. 04, 2024~ Sep. 05, 2024	Jan. 01, 2025	Conducted (TH03-HY)
Software	Anritsu	Auto Test System	N/A	Conducted Test Item	N/A	Sep. 04, 2024~ Sep. 05, 2024	N/A	Conducted (TH03-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9kHz~30MHz	Sep. 12, 2023	Aug. 07, 2024~ Aug. 27, 2024	Sep. 11, 2024	Radiation (03CH22-HY)
Bilog Antenna with 6dB	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63304 & 002	30MHz~1GHz	Oct. 15, 2023	Aug. 07, 2024~ Aug. 27, 2024	Oct. 14, 2024	Radiation (03CH22-HY)
Amplifier	SONOMA	310N	421581	N/A	Jul. 14, 2024	Aug. 07, 2024~ Aug. 27, 2024	Jul. 13, 2025	Radiation (03CH22-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C04A18E N	1GHz~18GHz	Jul. 11, 2024	Aug. 07, 2024~ Aug. 27, 2024	Jul. 10, 2025	Radiation (03CH22-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz-40GHz	Jun. 24, 2024	Aug. 07, 2024~ Aug. 27, 2024	Jun. 23, 2025	Radiation (03CH22-HY)
Amplifier	EMEC	EM01G18GA	060877	N/A	Sep. 28, 2023	Aug. 07, 2024~ Aug. 27, 2024	Sep. 27, 2024	Radiation (03CH22-HY)
Preamplifier	EMEC	EM18G40G	060872	18-40GHz	Sep. 06, 2023	Aug. 07, 2024~ Aug. 27, 2024	Sep. 05, 2024	Radiation (03CH22-HY)
Signal Analyzer	Keysight	N9010B	MY62170278	10Hz~44GHz	Aug. 31, 2023	Aug. 07, 2024~ Aug. 27, 2024	Aug. 30, 2024	Radiation (03CH22-HY)
Hygrometer	TECEPEL	DTM-303A	TP211469	N/A	Jan. 03, 2024	Aug. 07, 2024~ Aug. 27, 2024	Jan. 02, 2025	Radiation (03CH22-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 07, 2024~ Aug. 27, 2024	N/A	Radiation (03CH22-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 07, 2024~ Aug. 27, 2024	N/A	Radiation (03CH22-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 07, 2024~ Aug. 27, 2024	N/A	Radiation (03CH22-HY)
Software	Audix	E3 6.09824_2019 122	RK-002347	N/A	N/A	Aug. 07, 2024~ Aug. 27, 2024	N/A	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Aug. 07, 2024~ Aug. 27, 2024	Mar. 05, 2025	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804390/2,804 611/2,804615/ 2	N/A	Oct. 24, 2023	Aug. 07, 2024~ Aug. 27, 2024	Oct. 23, 2024	Radiation (03CH22-HY)



6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.03 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.42 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.91 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.49	23.52	23.55	26.95	0.4955
20	1	49		23.46	23.45	23.51		
20	1	99		23.36	23.38	23.39		
20	50	0		22.52	22.54	22.58		
20	50	24		22.57	22.63	22.57		
20	50	50		22.56	22.60	22.60		
20	100	0		22.60	22.78	22.54		
20	1	0	16-QAM	22.91	22.84	22.82	26.38	0.4345
20	1	49		22.72	22.85	22.98		
20	1	99		22.66	22.80	22.79		
20	50	0		21.55	21.57	21.60		
20	50	24		21.64	21.64	21.56		
20	50	50		21.61	21.62	21.64		
20	100	0		21.61	21.62	21.54		
20	1	0	64-QAM	21.72	21.79	21.74	25.19	0.3304
20	1	49		21.68	21.74	21.74		
20	1	99		21.63	21.69	21.67		
20	50	0		20.56	20.55	20.59		
20	50	24		20.62	20.62	20.58		
20	50	50		20.60	20.61	20.61		
20	100	0		20.60	20.60	20.56		
20	1	0	256-QAM	18.80	18.69	18.69	22.21	0.1663
20	1	49		18.70	18.75	18.71		
20	1	99		18.58	18.70	18.81		
20	50	0		18.65	18.63	18.58		
20	50	24		18.72	18.68	18.60		
20	50	50		18.71	18.73	18.71		
20	100	0		18.65	18.66	18.63		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.26	23.27	23.31	26.71	0.4688
15	1	37		23.25	23.27	23.31		
15	1	74		23.31	23.22	23.23		
15	36	0		22.37	22.34	22.36		
15	36	20		22.43	22.43	22.42		
15	36	39		22.41	22.40	22.42		
15	75	0		22.42	22.42	22.43		
15	1	0	16-QAM	22.62	22.69	22.61	26.09	0.4064
15	1	37		22.59	22.57	22.61		
15	1	74		22.52	22.53	22.59		
15	36	0		21.39	21.38	21.39		
15	36	20		21.43	21.46	21.43		
15	36	39		21.43	21.42	21.45		
15	75	0		21.42	21.43	21.44		
15	1	0	64-QAM	21.54	21.49	21.56	24.96	0.3133
15	1	37		21.51	21.53	21.54		
15	1	74		21.53	21.48	21.48		
15	36	0		20.36	20.35	20.40		
15	36	20		20.43	20.45	20.40		
15	36	39		20.39	20.41	20.44		
15	75	0		20.41	20.43	20.45		
15	1	0	256-QAM	18.70	18.74	18.62	22.27	0.1687
15	1	37		18.87	18.73	18.67		
15	1	74		18.83	18.86	18.73		
15	36	0		18.66	18.70	18.39		
15	36	20		18.68	18.76	18.65		
15	36	39		18.73	18.75	18.68		
15	75	0		18.75	18.72	18.77		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.48	23.44	23.49	26.94	0.4943
10	1	25		23.51	23.53	23.54		
10	1	49		23.46	23.45	23.54		
10	25	0		22.47	22.48	22.50		
10	25	12		22.58	22.58	22.52		
10	25	25		22.53	22.54	22.58		
10	50	0		22.55	22.54	22.47		
10	1	0	16-QAM	22.90	22.86	22.88	26.32	0.4285
10	1	25		22.92	22.88	22.91		
10	1	49		22.83	22.88	22.90		
10	25	0		21.48	21.49	21.54		
10	25	12		21.58	21.57	21.55		
10	25	25		21.54	21.56	21.59		
10	50	0		21.56	21.54	21.53		
10	1	0	64-QAM	21.78	21.72	21.80	25.23	0.3334
10	1	25		21.76	21.72	21.83		
10	1	49		21.70	21.75	21.76		
10	25	0		20.45	20.49	20.51		
10	25	12		20.57	20.60	20.53		
10	25	25		20.53	20.54	20.57		
10	50	0		20.52	20.57	20.52		
10	1	0	256-QAM	18.77	18.89	18.75	22.41	0.1742
10	1	25		18.96	18.98	19.01		
10	1	49		18.90	18.89	18.90		
10	25	0		18.78	18.83	18.75		
10	25	12		18.90	18.93	18.78		
10	25	25		18.89	18.90	18.86		
10	50	0		18.91	18.89	18.73		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.42	23.33	23.34	26.90	0.4898
5	1	12		23.50	23.38	23.41		
5	1	24		23.40	23.45	23.44		
5	12	0		22.52	22.45	22.47		
5	12	7		22.53	22.56	22.57		
5	12	13		22.51	22.51	22.55		
5	25	0		22.52	22.53	22.53		
5	1	0	16-QAM	22.82	22.85	22.82	26.42	0.4385
5	1	12		22.94	22.91	23.02		
5	1	24		22.82	22.88	22.89		
5	12	0		21.56	21.52	21.48		
5	12	7		21.57	21.62	21.65		
5	12	13		21.55	21.55	21.62		
5	25	0		21.52	21.56	21.57		
5	1	0	64-QAM	21.70	21.66	21.70	25.21	0.3319
5	1	12		21.77	21.73	21.81		
5	1	24		21.78	21.64	21.70		
5	12	0		20.57	20.47	20.53		
5	12	7		20.58	20.60	20.60		
5	12	13		20.55	20.59	20.57		
5	25	0		20.50	20.52	20.57		
5	1	0	256-QAM	18.90	18.87	18.81	22.42	0.1746
5	1	12		18.91	19.02	18.96		
5	1	24		18.89	18.86	18.80		
5	12	0		18.88	18.83	18.71		
5	12	7		18.94	18.91	18.87		
5	12	13		18.88	18.87	18.81		
5	25	0		18.88	18.83	18.80		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.41	23.43	23.44	26.94	0.4943
3	1	8		23.48	23.53	23.54		
3	1	14		23.41	23.42	23.47		
3	8	0		22.50	22.45	22.47		
3	8	4		22.50	22.56	22.49		
3	8	7		22.51	22.54	22.56		
3	15	0		22.47	22.51	22.46		
3	1	0	16-QAM	22.84	22.80	22.87	26.37	0.4335
3	1	8		22.85	22.95	22.97		
3	1	14		22.84	22.92	22.87		
3	8	0		21.60	21.52	21.57		
3	8	4		21.62	21.66	21.58		
3	8	7		21.61	21.63	21.67		
3	15	0		21.56	21.56	21.52		
3	1	0	64-QAM	21.71	21.72	21.69	25.26	0.3357
3	1	8		21.80	21.81	21.86		
3	1	14		21.66	21.74	21.76		
3	8	0		20.54	20.52	20.53		
3	8	4		20.59	20.60	20.55		
3	8	7		20.58	20.59	20.59		
3	15	0		20.52	20.57	20.51		
3	1	0	256-QAM	18.94	18.81	18.83	22.44	0.1754
3	1	8		18.98	19.04	18.97		
3	1	14		18.95	18.97	18.84		
3	8	0		18.86	18.84	18.76		
3	8	4		18.96	18.93	18.76		
3	8	7		18.90	18.88	18.86		
3	15	0		18.91	18.87	18.76		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.42	23.47	23.47	26.93	0.4932
1.4	1	3		23.47	23.47	23.50		
1.4	1	5		23.42	23.44	23.46		
1.4	3	0		23.48	23.51	23.53		
1.4	3	1		23.48	23.51	23.52		
1.4	3	3		23.47	23.52	23.52		
1.4	6	0		22.48	22.51	22.52		
1.4	1	0	16-QAM	22.82	22.85	22.94	26.39	0.4355
1.4	1	3		22.87	22.92	22.99		
1.4	1	5		22.91	22.92	22.94		
1.4	3	0		22.65	22.69	22.68		
1.4	3	1		22.69	22.67	22.68		
1.4	3	3		22.69	22.69	22.73		
1.4	6	0		21.53	21.58	21.63		
1.4	1	0	64-QAM	21.79	21.75	21.81	25.21	0.3319
1.4	1	3		21.76	21.78	21.80		
1.4	1	5		21.73	21.81	21.76		
1.4	3	0		21.66	21.67	21.71		
1.4	3	1		21.67	21.69	21.74		
1.4	3	3		21.64	21.67	21.72		
1.4	6	0		20.50	20.60	20.60		
1.4	1	0	256-QAM	18.87	18.73	18.75	22.37	0.1726
1.4	1	3		18.93	18.97	18.89		
1.4	1	5		18.86	18.92	18.77		
1.4	3	0		18.79	18.78	18.69		
1.4	3	1		18.87	18.83	18.70		
1.4	3	3		18.81	18.82	18.78		
1.4	6	0		18.82	18.80	18.66		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.51	23.58	23.52	26.98	0.4989
20	1	49		23.50	23.51	23.48		
20	1	99		23.39	23.51	23.43		
20	50	0		22.57	22.55	22.54		
20	50	24		22.63	22.65	22.55		
20	50	50		22.59	22.60	22.55		
20	100	0		22.65	22.64	22.55		
20	1	0	16-QAM	22.83	22.90	22.86	26.30	0.4266
20	1	49		22.82	22.90	22.85		
20	1	99		22.72	22.80	22.76		
20	50	0		21.59	21.58	21.55		
20	50	24		21.65	21.67	21.56		
20	50	50		21.62	21.62	21.61		
20	100	0		21.63	21.65	21.58		
20	1	0	64-QAM	21.75	21.82	21.80	25.28	0.3373
20	1	49		21.78	21.88	21.77		
20	1	99		21.61	21.73	21.62		
20	50	0		20.58	20.57	20.56		
20	50	24		20.67	20.64	20.55		
20	50	50		20.63	20.62	20.59		
20	100	0		20.63	20.64	20.56		
20	1	0	256-QAM	18.56	18.57	18.33	21.99	0.1581
20	1	49		18.46	18.55	18.42		
20	1	99		18.39	18.59	18.40		
20	50	0		18.40	18.42	18.31		
20	50	24		18.51	18.48	18.25		
20	50	50		18.55	18.50	18.34		
20	100	0		18.47	18.47	18.27		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.35	23.43	23.34	26.83	0.4819
15	1	37		23.33	23.36	23.37		
15	1	74		23.36	23.35	23.28		
15	36	0		22.43	22.43	22.36		
15	36	20		22.49	22.48	22.45		
15	36	39		22.47	22.50	22.44		
15	75	0		22.50	22.48	22.48		
15	1	0	16-QAM	22.66	22.77	22.68	26.17	0.4140
15	1	37		22.67	22.71	22.76		
15	1	74		22.68	22.61	22.73		
15	36	0		21.44	21.45	21.40		
15	36	20		21.48	21.50	21.47		
15	36	39		21.49	21.50	21.48		
15	75	0		21.51	21.51	21.48		
15	1	0	64-QAM	21.61	21.65	21.66	25.10	0.3236
15	1	37		21.70	21.59	21.59		
15	1	74		21.59	21.59	21.58		
15	36	0		20.43	20.44	20.39		
15	36	20		20.49	20.52	20.45		
15	36	39		20.49	20.48	20.48		
15	75	0		20.49	20.49	20.49		
15	1	0	256-QAM	18.58	18.41	18.33	22.04	0.1600
15	1	37		18.54	18.56	18.32		
15	1	74		18.56	18.62	18.64		
15	36	0		18.41	18.39	18.36		
15	36	20		18.48	18.48	18.33		
15	36	39		18.50	18.49	18.33		
15	75	0		18.49	18.49	18.39		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.43	23.43	23.47	26.92	0.4920
10	1	25		23.47	23.50	23.52		
10	1	49		23.41	23.42	23.45		
10	25	0		22.44	22.47	22.46		
10	25	12		22.53	22.58	22.50		
10	25	25		22.51	22.55	22.54		
10	50	0		22.49	22.54	22.47		
10	1	0	16-QAM	22.84	22.91	22.91	26.35	0.4315
10	1	25		22.90	22.90	22.90		
10	1	49		22.83	22.95	22.87		
10	25	0		21.47	21.53	21.48		
10	25	12		21.60	21.64	21.51		
10	25	25		21.55	21.58	21.58		
10	50	0		21.53	21.58	21.46		
10	1	0	64-QAM	21.69	21.82	21.75	25.22	0.3327
10	1	25		21.79	21.76	21.81		
10	1	49		21.76	21.74	21.72		
10	25	0		20.47	20.51	20.50		
10	25	12		20.57	20.62	20.50		
10	25	25		20.56	20.58	20.57		
10	50	0		20.55	20.58	20.48		
10	1	0	256-QAM	18.58	18.61	18.44	22.13	0.1633
10	1	25		18.70	18.73	18.66		
10	1	49		18.62	18.65	18.48		
10	25	0		18.61	18.59	18.44		
10	25	12		18.64	18.68	18.50		
10	25	25		18.64	18.61	18.48		
10	50	0		18.62	18.68	18.05		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.40	23.45	23.43	26.91	0.4909
5	1	12		23.48	23.50	23.51		
5	1	24		23.42	23.48	23.41		
5	12	0		22.49	22.56	22.43		
5	12	7		22.52	22.57	22.55		
5	12	13		22.51	22.55	22.51		
5	25	0		22.50	22.55	22.54		
5	1	0	16-QAM	22.78	22.91	22.90	26.35	0.4315
5	1	12		22.88	22.95	22.92		
5	1	24		22.78	22.88	22.83		
5	12	0		21.54	21.63	21.50		
5	12	7		21.61	21.61	21.60		
5	12	13		21.57	21.59	21.57		
5	25	0		21.51	21.59	21.55		
5	1	0	64-QAM	21.69	21.71	21.75	25.21	0.3319
5	1	12		21.76	21.81	21.78		
5	1	24		21.75	21.76	21.65		
5	12	0		20.50	20.60	20.50		
5	12	7		20.61	20.60	20.61		
5	12	13		20.55	20.55	20.54		
5	25	0		20.50	20.58	20.56		
5	1	0	256-QAM	18.16	18.59	18.45	22.20	0.1660
5	1	12		18.80	18.70	18.65		
5	1	24		18.71	18.65	18.34		
5	12	0		18.60	18.63	18.44		
5	12	7		18.61	18.67	18.55		
5	12	13		18.63	18.64	18.48		
5	25	0		18.63	18.59	18.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.43	23.48	23.41	26.92	0.4920
3	1	8		23.49	23.52	23.52		
3	1	14		23.41	23.43	23.40		
3	8	0		22.51	22.56	22.42		
3	8	4		22.54	22.58	22.48		
3	8	7		22.51	22.56	22.51		
3	15	0		22.49	22.53	22.42		
3	1	0	16-QAM	22.85	22.82	22.90	26.38	0.4345
3	1	8		22.98	22.93	22.95		
3	1	14		22.85	22.92	22.85		
3	8	0		21.60	21.66	21.55		
3	8	4		21.61	21.68	21.60		
3	8	7		21.60	21.70	21.65		
3	15	0		21.52	21.59	21.50		
3	1	0	64-QAM	21.68	21.75	21.70	25.21	0.3319
3	1	8		21.78	21.80	21.81		
3	1	14		21.64	21.73	21.73		
3	8	0		20.54	20.62	20.52		
3	8	4		20.58	20.65	20.53		
3	8	7		20.55	20.63	20.58		
3	15	0		20.51	20.59	20.47		
3	1	0	256-QAM	18.65	18.74	18.39	22.21	0.1663
3	1	8		18.72	18.61	18.59		
3	1	14		18.63	18.81	18.56		
3	8	0		18.62	18.62	18.47		
3	8	4		18.60	18.67	18.48		
3	8	7		18.61	18.64	18.25		
3	15	0		18.60	18.62	18.39		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.42	23.47	23.40	26.93	0.4932
1.4	1	3		23.45	23.51	23.45		
1.4	1	5		23.42	23.47	23.41		
1.4	3	0		23.49	23.52	23.46		
1.4	3	1		23.50	23.52	23.50		
1.4	3	3		23.47	23.53	23.47		
1.4	6	0		22.45	22.52	22.47		
1.4	1	0	16-QAM	22.88	22.92	22.86	26.36	0.4325
1.4	1	3		22.91	22.93	22.92		
1.4	1	5		22.81	22.96	22.92		
1.4	3	0		22.66	22.72	22.66		
1.4	3	1		22.63	22.71	22.65		
1.4	3	3		22.66	22.68	22.64		
1.4	6	0		21.57	21.60	21.58		
1.4	1	0	64-QAM	21.74	21.75	21.71	25.18	0.3296
1.4	1	3		21.70	21.75	21.78		
1.4	1	5		21.69	21.77	21.72		
1.4	3	0		21.64	21.66	21.64		
1.4	3	1		21.62	21.70	21.65		
1.4	3	3		21.65	21.69	21.64		
1.4	6	0		20.53	20.60	20.55		
1.4	1	0	256-QAM	18.60	18.66	18.33	22.28	0.1690
1.4	1	3		18.66	18.54	18.49		
1.4	1	5		18.54	18.74	18.88		
1.4	3	0		18.52	18.57	18.40		
1.4	3	1		18.52	18.60	18.38		
1.4	3	3		18.52	18.57	18.17		
1.4	6	0		18.55	18.57	18.29		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.64 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.50	23.60	23.61	24.25	0.2661
20	1	49		23.44	23.46	23.48		
20	1	99		23.47	23.50	23.55		
20	50	0		22.51	22.54	22.56		
20	50	24		22.57	22.63	22.55		
20	50	50		22.56	22.57	22.58		
20	100	0		22.58	22.59	22.52		
20	1	0	16-QAM	22.93	22.83	22.90	23.57	0.2275
20	1	49		22.77	22.70	22.85		
20	1	99		22.78	22.76	22.81		
20	50	0		21.53	21.60	21.60		
20	50	24		21.61	21.66	21.57		
20	50	50		21.59	21.62	21.63		
20	100	0		21.60	21.63	21.55		
20	1	0	64-QAM	21.78	21.82	21.89	22.53	0.1791
20	1	49		21.72	21.78	21.77		
20	1	99		21.77	21.73	21.76		
20	50	0		20.52	20.57	20.59		
20	50	24		20.60	20.65	20.58		
20	50	50		20.58	20.61	20.62		
20	100	0		20.59	20.62	20.56		
20	1	0	256-QAM	18.83	18.75	18.77	19.61	0.0914
20	1	49		18.68	18.72	18.69		
20	1	99		18.97	18.85	18.71		
20	50	0		18.63	18.62	18.69		
20	50	24		18.73	18.76	18.62		
20	50	50		18.74	18.74	18.73		
20	100	0		18.73	18.77	18.67		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.64 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.35	23.39	23.46	24.10	0.2570
15	1	37		23.37	23.32	23.38		
15	1	74		23.35	23.37	23.37		
15	36	0		22.43	22.45	22.45		
15	36	20		22.46	22.50	22.47		
15	36	39		22.48	22.48	22.48		
15	75	0		22.49	22.48	22.50		
15	1	0	16-QAM	22.63	22.82	22.82	23.46	0.2218
15	1	37		22.68	22.77	22.61		
15	1	74		22.72	22.77	22.73		
15	36	0		21.44	21.48	21.46		
15	36	20		21.51	21.52	21.53		
15	36	39		21.48	21.50	21.51		
15	75	0		21.48	21.52	21.51		
15	1	0	64-QAM	21.64	21.61	21.68	22.32	0.1706
15	1	37		21.57	21.65	21.62		
15	1	74		21.68	21.63	21.57		
15	36	0		20.45	20.46	20.47		
15	36	20		20.50	20.51	20.49		
15	36	39		20.49	20.49	20.49		
15	75	0		20.50	20.52	20.50		
15	1	0	256-QAM	18.65	18.82	18.64	19.53	0.0897
15	1	37		18.63	18.82	18.77		
15	1	74		18.88	18.89	18.79		
15	36	0		18.67	18.70	18.64		
15	36	20		18.83	18.74	18.75		
15	36	39		18.72	18.75	18.70		
15	75	0		18.71	18.77	18.70		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.64 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.55	23.57	23.54	24.22	0.2642
10	1	25		23.58	23.58	23.58		
10	1	49		23.54	23.53	23.51		
10	25	0		22.56	22.56	22.57		
10	25	12		22.66	22.67	22.58		
10	25	25		22.61	22.62	22.61		
10	50	0		22.63	22.62	22.57		
10	1	0	16-QAM	22.97	23.04	22.91	23.68	0.2333
10	1	25		23.01	23.01	23.00		
10	1	49		22.97	22.99	22.93		
10	25	0		21.58	21.60	21.58		
10	25	12		21.68	21.68	21.59		
10	25	25		21.64	21.63	21.62		
10	50	0		21.62	21.64	21.57		
10	1	0	64-QAM	21.72	21.82	21.80	22.49	0.1774
10	1	25		21.79	21.84	21.85		
10	1	49		21.76	21.81	21.78		
10	25	0		20.59	20.57	20.57		
10	25	12		20.66	20.65	20.60		
10	25	25		20.63	20.63	20.62		
10	50	0		20.63	20.64	20.58		
10	1	0	256-QAM	18.90	18.81	18.88	19.64	0.0920
10	1	25		18.90	19.00	18.87		
10	1	49		18.93	18.93	18.86		
10	25	0		18.83	18.85	18.79		
10	25	12		18.89	18.99	18.82		
10	25	25		18.88	18.91	18.88		
10	50	0		18.89	18.91	18.77		
Limit	EIRP < 1W			Result			Pass	



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LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.64 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.51	23.50	23.52	24.24	0.2655
5	1	12		23.58	23.59	23.60		
5	1	24		23.49	23.51	23.51		
5	12	0		22.62	22.57	22.54		
5	12	7		22.65	22.68	22.65		
5	12	13		22.60	22.64	22.61		
5	25	0		22.56	22.61	22.61		
5	1	0	16-QAM	22.89	22.92	22.96	23.66	0.2323
5	1	12		22.95	23.02	23.02		
5	1	24		22.91	22.95	22.92		
5	12	0		21.63	21.59	21.58		
5	12	7		21.67	21.72	21.71		
5	12	13		21.65	21.70	21.63		
5	25	0		21.66	21.65	21.63		
5	1	0	64-QAM	21.79	21.80	21.77	22.54	0.1795
5	1	12		21.79	21.85	21.90		
5	1	24		21.79	21.81	21.78		
5	12	0		20.63	20.58	20.57		
5	12	7		20.71	20.72	20.69		
5	12	13		20.63	20.69	20.62		
5	25	0		20.61	20.64	20.60		
5	1	0	256-QAM	18.80	18.90	18.87	19.70	0.0933
5	1	12		19.00	19.01	19.06		
5	1	24		18.90	18.96	19.02		
5	12	0		18.91	18.85	18.74		
5	12	7		18.93	18.96	18.84		
5	12	13		18.91	18.90	18.88		
5	25	0		18.84	18.87	18.80		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.64 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.50	23.48	23.50	24.23	0.2649
3	1	8		23.58	23.56	23.59		
3	1	14		23.50	23.48	23.49		
3	8	0		22.59	22.55	22.52		
3	8	4		22.62	22.64	22.54		
3	8	7		22.60	22.62	22.59		
3	15	0		22.57	22.62	22.52		
3	1	0	16-QAM	22.94	22.92	22.88	23.69	0.2339
3	1	8		22.95	23.05	22.95		
3	1	14		22.87	23.02	22.91		
3	8	0		21.67	21.61	21.62		
3	8	4		21.72	21.73	21.63		
3	8	7		21.69	21.73	21.68		
3	15	0		21.63	21.65	21.56		
3	1	0	64-QAM	21.71	21.84	21.70	22.57	0.1807
3	1	8		21.90	21.93	21.86		
3	1	14		21.72	21.83	21.69		
3	8	0		20.67	20.57	20.57		
3	8	4		20.69	20.70	20.61		
3	8	7		20.65	20.70	20.66		
3	15	0		20.62	20.64	20.56		
3	1	0	256-QAM	18.87	18.88	18.83	19.64	0.0920
3	1	8		18.96	19.00	18.99		
3	1	14		18.82	18.84	18.87		
3	8	0		18.81	18.87	18.77		
3	8	4		18.89	18.97	18.79		
3	8	7		18.85	18.90	18.91		
3	15	0		18.85	18.87	18.83		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.64 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.46	23.50	23.53	24.23	0.2649
1.4	1	3		23.55	23.52	23.52		
1.4	1	5		23.49	23.50	23.49		
1.4	3	0		23.55	23.55	23.57		
1.4	3	1		23.57	23.59	23.58		
1.4	3	3		23.53	23.58	23.54		
1.4	6	0		22.55	22.59	22.58		
1.4	1	0	16-QAM	22.95	22.94	22.93	23.66	0.2323
1.4	1	3		23.01	23.02	22.91		
1.4	1	5		22.93	22.97	22.95		
1.4	3	0		22.73	22.79	22.70		
1.4	3	1		22.76	22.78	22.77		
1.4	3	3		22.74	22.79	22.78		
1.4	6	0		21.63	21.66	21.65		
1.4	1	0	64-QAM	21.75	21.74	21.77	22.51	0.1782
1.4	1	3		21.75	21.87	21.76		
1.4	1	5		21.73	21.79	21.80		
1.4	3	0		21.67	21.74	21.72		
1.4	3	1		21.74	21.76	21.71		
1.4	3	3		21.70	21.74	21.70		
1.4	6	0		20.63	20.63	20.62		
1.4	1	0	256-QAM	18.78	18.82	18.73	19.56	0.0904
1.4	1	3		18.90	18.91	18.92		
1.4	1	5		18.72	18.76	18.77		
1.4	3	0		18.72	18.79	18.71		
1.4	3	1		18.81	18.87	18.71		
1.4	3	3		18.77	18.80	18.83		
1.4	6	0		18.80	18.77	18.76		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.86	23.79	23.96	19.71	0.0935
10	1	25		23.83	23.88	23.84		
10	1	49		23.79	23.89	23.83		
10	25	0		22.89	22.87	22.96		
10	25	12		22.94	22.86	22.96		
10	25	25		22.81	22.95	22.88		
10	50	0		22.89	22.86	22.97		
10	1	0	16-QAM	23.28	23.13	23.24	19.09	0.0811
10	1	25		23.14	23.27	23.33		
10	1	49		23.19	23.34	23.09		
10	25	0		21.89	21.87	21.98		
10	25	12		21.96	21.90	22.03		
10	25	25		21.87	21.97	21.90		
10	50	0		21.90	21.90	21.93		
10	1	0	64-QAM	22.16	22.06	22.18	17.93	0.0621
10	1	25		22.01	22.12	22.12		
10	1	49		22.03	22.14	22.04		
10	25	0		20.92	20.85	20.95		
10	25	12		20.94	20.90	20.99		
10	25	25		20.88	20.98	20.90		
10	50	0		20.96	20.92	20.96		
10	1	0	256-QAM	18.98	18.80	19.05	14.90	0.0309
10	1	25		19.03	19.15	19.05		
10	1	49		18.93	19.02	18.86		
10	25	0		18.85	18.83	18.95		
10	25	12		18.92	18.89	18.99		
10	25	25		18.83	19.01	18.92		
10	50	0		18.87	18.87	18.95		
Limit	ERP < 7W			Result			Pass	



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LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.78	23.72	23.88	19.63	0.0918
5	1	12		23.77	23.81	23.76		
5	1	24		23.72	23.81	23.73		
5	12	0		22.84	22.79	22.86		
5	12	7		22.89	22.76	22.87		
5	12	13		22.72	22.87	22.78		
5	25	0		22.79	22.79	22.90		
5	1	0	16-QAM	23.22	23.05	23.19	19.01	0.0796
5	1	12		23.06	23.17	23.23		
5	1	24		23.09	23.26	23.02		
5	12	0		21.82	21.80	21.89		
5	12	7		21.90	21.85	21.93		
5	12	13		21.80	21.87	21.84		
5	25	0		21.80	21.83	21.86		
5	1	0	64-QAM	22.10	22.01	22.08	17.85	0.0610
5	1	12		21.93	22.05	22.04		
5	1	24		21.94	22.04	21.94		
5	12	0		20.82	20.77	20.88		
5	12	7		20.87	20.85	20.91		
5	12	13		20.78	20.88	20.81		
5	25	0		20.86	20.86	20.89		
5	1	0	256-QAM	18.98	18.95	18.81	14.89	0.0308
5	1	12		19.14	19.08	18.94		
5	1	24		18.87	19.09	19.01		
5	12	0		18.92	18.91	18.79		
5	12	7		19.00	18.99	18.81		
5	12	13		18.90	18.99	18.87		
5	25	0		18.89	18.86	18.80		
Limit	ERP < 7W			Result			Pass	



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LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.80	23.69	23.91	19.66	0.0925
3	1	8		23.77	23.79	23.79		
3	1	14		23.74	23.82	23.76		
3	8	0		22.84	22.81	22.87		
3	8	4		22.86	22.77	22.88		
3	8	7		22.72	22.88	22.78		
3	15	0		22.84	22.77	22.88		
3	1	0	16-QAM	23.19	23.03	23.16	19.03	0.0800
3	1	8		23.07	23.21	23.28		
3	1	14		23.14	23.26	23.01		
3	8	0		21.84	21.82	21.91		
3	8	4		21.90	21.85	21.95		
3	8	7		21.82	21.92	21.80		
3	15	0		21.80	21.85	21.88		
3	1	0	64-QAM	22.09	21.97	22.11	17.86	0.0611
3	1	8		21.92	22.05	22.04		
3	1	14		21.97	22.04	21.95		
3	8	0		20.82	20.77	20.86		
3	8	4		20.85	20.83	20.90		
3	8	7		20.80	20.90	20.81		
3	15	0		20.89	20.85	20.87		
3	1	0	256-QAM	18.90	18.89	18.89	14.86	0.0306
3	1	8		19.07	19.11	18.99		
3	1	14		18.82	19.06	18.96		
3	8	0		18.97	18.85	18.77		
3	8	4		18.93	18.99	18.94		
3	8	7		18.94	18.96	18.91		
3	15	0		18.97	18.87	18.82		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.87	23.84	23.81	19.67	0.0927
1.4	1	3		23.84	23.86	23.84		
1.4	1	5		23.81	23.82	23.87		
1.4	3	0		23.86	23.85	23.85		
1.4	3	1		23.83	23.89	23.92		
1.4	3	3		23.78	23.89	23.92		
1.4	6	0		22.88	22.81	22.85		
1.4	1	0	16-QAM	23.20	23.14	23.26	19.14	0.0820
1.4	1	3		23.39	23.37	23.28		
1.4	1	5		23.26	23.23	23.21		
1.4	3	0		22.99	23.05	23.00		
1.4	3	1		22.99	23.10	22.98		
1.4	3	3		23.02	23.17	22.99		
1.4	6	0		21.92	21.86	21.97		
1.4	1	0	64-QAM	22.08	22.00	22.03	17.90	0.0617
1.4	1	3		22.08	22.15	22.11		
1.4	1	5		22.00	22.10	22.03		
1.4	3	0		22.01	22.06	22.01		
1.4	3	1		21.95	22.03	22.08		
1.4	3	3		21.94	22.05	21.97		
1.4	6	0		20.89	20.86	20.93		
1.4	1	0	256-QAM	18.82	18.84	18.79	14.80	0.0302
1.4	1	3		19.00	19.05	18.90		
1.4	1	5		18.77	19.01	18.88		
1.4	3	0		18.91	18.76	18.70		
1.4	3	1		18.85	18.94	18.88		
1.4	3	3		18.85	18.89	18.81		
1.4	6	0		18.91	18.82	18.76		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.45	23.38	23.41	23.26	0.2118
20	1	49		23.39	23.35	23.35		
20	1	99		23.40	23.09	23.06		
20	50	0		22.50	22.37	22.31		
20	50	24		22.54	22.36	22.41		
20	50	50		22.52	22.33	22.33		
20	100	0		22.53	22.30	22.34		
20	1	0	16-QAM	22.71	22.63	22.48	22.54	0.1795
20	1	49		22.73	22.46	22.43		
20	1	99		22.56	22.58	22.65		
20	50	0		21.49	21.40	21.33		
20	50	24		21.58	21.35	21.34		
20	50	50		21.53	21.36	21.34		
20	100	0		21.54	21.32	21.33		
20	1	0	64-QAM	21.65	21.67	21.48	21.48	0.1406
20	1	49		21.55	21.55	21.59		
20	1	99		21.50	21.44	21.61		
20	50	0		20.45	20.40	20.30		
20	50	24		20.57	20.31	20.41		
20	50	50		20.52	20.34	20.31		
20	100	0		20.53	20.36	20.31		
20	1	0	256-QAM	18.50	18.20	18.24	18.35	0.0684
20	1	49		18.54	18.30	18.27		
20	1	99		18.41	18.09	18.25		
20	50	0		18.31	18.13	18.09		
20	50	24		18.33	18.01	18.19		
20	50	50		18.29	18.11	18.27		
20	100	0		18.35	18.06	18.15		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.35	23.33	23.35	23.16	0.2070
15	1	37		23.29	23.30	23.30		
15	1	74		23.35	23.14	23.06		
15	36	0		22.43	22.27	22.21		
15	36	20		22.46	22.26	22.32		
15	36	39		22.43	22.24	22.24		
15	75	0		22.46	22.25	22.25		
15	1	0	16-QAM	22.62	22.58	22.42	22.48	0.1770
15	1	37		22.67	22.40	22.34		
15	1	74		22.47	22.52	22.56		
15	36	0		21.39	21.32	21.27		
15	36	20		21.49	21.29	21.25		
15	36	39		21.43	21.31	21.24		
15	75	0		21.44	21.23	21.23		
15	1	0	64-QAM	21.55	21.60	21.39	21.41	0.1384
15	1	37		21.50	21.47	21.51		
15	1	74		21.43	21.35	21.55		
15	36	0		20.40	20.35	20.21		
15	36	20		20.48	20.24	20.34		
15	36	39		20.45	20.29	20.25		
15	75	0		20.47	20.27	20.26		
15	1	0	256-QAM	18.36	18.19	18.16	18.23	0.0665
15	1	37		18.42	18.17	18.18		
15	1	74		18.37	18.13	18.26		
15	36	0		18.42	18.06	18.11		
15	36	20		18.42	18.11	18.11		
15	36	39		18.38	18.16	18.17		
15	75	0		18.41	18.14	18.07		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.37	23.32	23.31	23.18	0.2080
10	1	25		23.31	23.30	23.30		
10	1	49		23.33	23.12	23.10		
10	25	0		22.44	22.28	22.23		
10	25	12		22.47	22.28	22.35		
10	25	25		22.44	22.26	22.25		
10	50	0		22.45	22.24	22.26		
10	1	0	16-QAM	22.66	22.55	22.41	22.47	0.1766
10	1	25		22.63	22.36	22.37		
10	1	49		22.46	22.52	22.56		
10	25	0		21.39	21.35	21.26		
10	25	12		21.52	21.26	21.27		
10	25	25		21.46	21.26	21.29		
10	50	0		21.48	21.22	21.26		
10	1	0	64-QAM	21.57	21.62	21.38	21.43	0.1390
10	1	25		21.50	21.50	21.50		
10	1	49		21.42	21.37	21.51		
10	25	0		20.37	20.35	20.25		
10	25	12		20.47	20.21	20.36		
10	25	25		20.43	20.28	20.23		
10	50	0		20.46	20.30	20.23		
10	1	0	256-QAM	18.56	18.37	18.40	18.46	0.0701
10	1	25		18.65	18.52	18.46		
10	1	49		18.57	18.28	18.40		
10	25	0		18.50	18.30	18.27		
10	25	12		18.63	18.28	18.33		
10	25	25		18.56	18.32	18.36		
10	50	0		18.56	18.26	18.24		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.40	23.31	23.36	23.21	0.2094
5	1	12		23.31	23.26	23.26		
5	1	24		23.31	23.12	23.08		
5	12	0		22.41	22.31	22.21		
5	12	7		22.48	22.31	22.36		
5	12	13		22.43	22.25	22.27		
5	25	0		22.47	22.23	22.27		
5	1	0	16-QAM	22.62	22.57	22.39	22.49	0.1774
5	1	12		22.68	22.36	22.33		
5	1	24		22.47	22.51	22.56		
5	12	0		21.44	21.35	21.28		
5	12	7		21.50	21.26	21.24		
5	12	13		21.43	21.31	21.27		
5	25	0		21.45	21.25	21.24		
5	1	0	64-QAM	21.57	21.61	21.39	21.42	0.1387
5	1	12		21.50	21.48	21.49		
5	1	24		21.44	21.39	21.55		
5	12	0		20.35	20.31	20.23		
5	12	7		20.51	20.24	20.35		
5	12	13		20.44	20.25	20.21		
5	25	0		20.47	20.26	20.25		
5	1	0	256-QAM	18.53	18.36	18.34	18.60	0.0724
5	1	12		18.79	18.44	18.57		
5	1	24		18.60	18.28	18.36		
5	12	0		18.62	18.23	18.32		
5	12	7		18.62	18.40	18.33		
5	12	13		18.59	18.29	18.38		
5	25	0		18.64	18.22	18.30		
Limit	EIRP < 2W			Result			Pass	



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LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.96	23.79	23.85	20.87	0.1222
10	1	25		23.87	23.81	23.81		
10	1	49		23.85	23.77	23.69		
10	25	0		22.82	22.82	22.83		
10	25	12		22.91	22.85	22.85		
10	25	25		22.87	22.86	22.87		
10	50	0		22.88	22.85	22.91		
10	1	0	16-QAM	23.29	23.13	23.21	20.21	0.1050
10	1	25		23.25	23.25	23.27		
10	1	49		23.30	23.16	23.21		
10	25	0		21.85	21.86	21.83		
10	25	12		21.95	21.85	21.83		
10	25	25		21.87	21.89	21.87		
10	50	0		21.95	21.80	21.87		
10	1	0	64-QAM	22.10	22.09	22.14	19.10	0.0813
10	1	25		22.19	22.16	22.17		
10	1	49		22.06	22.01	21.95		
10	25	0		20.86	20.82	20.89		
10	25	12		20.97	20.84	20.85		
10	25	25		20.85	20.89	20.87		
10	50	0		20.89	20.79	20.83		
10	1	0	256-QAM	18.92	18.92	18.83	15.84	0.0384
10	1	25		18.92	18.93	18.83		
10	1	49		18.92	18.85	18.73		
10	25	0		18.80	18.78	18.79		
10	25	12		18.84	18.82	18.80		
10	25	25		18.85	18.83	18.83		
10	50	0		18.87	18.77	18.81		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.88	23.69	23.77	20.79	0.1199
5	1	12		23.78	23.76	23.72		
5	1	24		23.79	23.67	23.62		
5	12	0		22.72	22.72	22.74		
5	12	7		22.81	22.77	22.79		
5	12	13		22.81	22.78	22.80		
5	25	0		22.81	22.78	22.81		
5	1	0	16-QAM	23.24	23.06	23.16	20.15	0.1035
5	1	12		23.16	23.15	23.18		
5	1	24		23.20	23.09	23.12		
5	12	0		21.80	21.77	21.75		
5	12	7		21.87	21.76	21.73		
5	12	13		21.81	21.79	21.82		
5	25	0		21.85	21.73	21.81		
5	1	0	64-QAM	22.05	22.02	22.04	19.03	0.0800
5	1	12		22.12	22.11	22.12		
5	1	24		21.98	21.93	21.89		
5	12	0		20.76	20.77	20.81		
5	12	7		20.89	20.76	20.76		
5	12	13		20.79	20.81	20.82		
5	25	0		20.81	20.69	20.74		
5	1	0	256-QAM	18.74	18.80	18.89	15.86	0.0385
5	1	12		18.95	18.87	18.95		
5	1	24		18.78	18.85	18.76		
5	12	0		18.74	18.77	18.76		
5	12	7		18.82	18.84	18.85		
5	12	13		18.71	18.78	18.78		
5	25	0		18.79	18.70	18.79		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.91	23.69	23.80	20.82	0.1208
3	1	8		23.79	23.75	23.75		
3	1	14		23.76	23.67	23.64		
3	8	0		22.73	22.75	22.77		
3	8	4		22.86	22.80	22.78		
3	8	7		22.82	22.81	22.77		
3	15	0		22.82	22.77	22.82		
3	1	0	16-QAM	23.20	23.03	23.14	20.15	0.1035
3	1	8		23.20	23.20	23.20		
3	1	14		23.24	23.08	23.12		
3	8	0		21.79	21.81	21.78		
3	8	4		21.88	21.78	21.77		
3	8	7		21.80	21.84	21.79		
3	15	0		21.87	21.74	21.79		
3	1	0	64-QAM	22.03	22.03	22.09	19.02	0.0798
3	1	8		22.09	22.10	22.11		
3	1	14		21.98	21.94	21.87		
3	8	0		20.76	20.74	20.80		
3	8	4		20.88	20.77	20.77		
3	8	7		20.76	20.83	20.80		
3	15	0		20.81	20.72	20.76		
3	1	0	256-QAM	18.90	18.84	18.80	15.91	0.0390
3	1	8		18.94	18.93	19.00		
3	1	14		18.81	18.83	18.90		
3	8	0		18.86	18.74	18.74		
3	8	4		18.86	18.91	18.85		
3	8	7		18.88	18.86	18.84		
3	15	0		18.88	18.75	18.80		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.89	23.81	23.72	20.83	0.1211
1.4	1	3		23.92	23.61	23.83		
1.4	1	5		23.82	23.88	23.72		
1.4	3	0		23.82	23.81	23.74		
1.4	3	1		23.92	23.78	23.86		
1.4	3	3		23.87	23.82	23.74		
1.4	6	0		22.86	22.77	22.82		
1.4	1	0	16-QAM	23.17	23.15	23.19	20.26	0.1062
1.4	1	3		23.16	23.14	23.31		
1.4	1	5		23.35	23.26	23.28		
1.4	3	0		23.04	22.88	23.09		
1.4	3	1		23.03	22.98	22.92		
1.4	3	3		23.09	22.98	22.98		
1.4	6	0		21.95	21.86	21.94		
1.4	1	0	64-QAM	21.98	21.99	22.01	19.00	0.0794
1.4	1	3		22.09	22.01	21.88		
1.4	1	5		22.02	21.81	22.00		
1.4	3	0		22.03	21.95	21.92		
1.4	3	1		21.97	21.98	21.95		
1.4	3	3		21.97	21.95	21.85		
1.4	6	0		20.88	20.79	20.83		
1.4	1	0	256-QAM	18.83	18.76	18.71	15.82	0.0382
1.4	1	3		18.85	18.84	18.91		
1.4	1	5		18.75	18.78	18.80		
1.4	3	0		18.77	18.67	18.67		
1.4	3	1		18.81	18.84	18.76		
1.4	3	3		18.81	18.79	18.78		
1.4	6	0		18.83	18.67	18.70		
Limit	ERP < 3W			Result			Pass	



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LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.88 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.00	-	19.97	0.0993
10	1	25			23.99			
10	1	49			23.89			
10	25	0			22.87			
10	25	12			23.02			
10	25	25			23.01			
10	50	0			22.99			
10	1	0	16-QAM		23.17		19.28	0.0847
10	1	25			23.31			
10	1	49			23.17			
10	25	0			21.99			
10	25	12			22.04			
10	25	25			21.98			
10	50	0			21.96			
10	1	0	64-QAM		22.03		18.12	0.0649
10	1	25			22.15			
10	1	49			22.15			
10	25	0			21.03			
10	25	12			21.04			
10	25	25			21.00			
10	50	0			21.02			
10	1	0	256-QAM		18.96		15.10	0.0324
10	1	25			19.10			
10	1	49			19.13			
10	25	0			19.02			
10	25	12			19.04			
10	25	25			19.03			
10	50	0			18.99			
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.88 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.88	23.92	23.99	19.96	0.0991
5	1	12		23.98	23.97	23.99		
5	1	24		23.98	23.91	23.98		
5	12	0		22.92	23.01	22.94		
5	12	7		23.08	23.01	23.04		
5	12	13		23.07	23.02	23.02		
5	25	0		23.06	22.98	22.97		
5	1	0	16-QAM	23.31	23.35	23.30	19.40	0.0871
5	1	12		23.43	23.39	23.39		
5	1	24		23.33	23.29	23.39		
5	12	0		21.96	22.05	22.00		
5	12	7		22.13	22.06	22.11		
5	12	13		22.10	22.06	22.06		
5	25	0		22.07	22.00	21.94		
5	1	0	64-QAM	22.12	22.18	22.07	18.25	0.0668
5	1	12		22.28	22.25	22.24		
5	1	24		22.23	22.10	22.18		
5	12	0		20.96	21.06	20.96		
5	12	7		21.14	21.07	21.05		
5	12	13		21.13	21.02	21.06		
5	25	0		21.06	20.98	20.95		
5	1	0	256-QAM	18.81	19.08	19.11	15.19	0.0330
5	1	12		19.12	19.22	19.18		
5	1	24		19.12	19.03	19.15		
5	12	0		18.76	19.08	19.08		
5	12	7		19.06	19.03	19.12		
5	12	13		19.05	19.05	19.07		
5	25	0		18.94	19.03	19.07		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -0.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.85	23.92	23.90	20.83	0.1211
10	1	25		23.83	23.91	23.84		
10	1	49		23.74	23.74	23.68		
10	25	0		22.85	22.82	22.84		
10	25	12		22.84	22.95	22.94		
10	25	25		22.88	22.85	22.80		
10	50	0		22.90	22.92	22.91		
10	1	0	16-QAM	23.19	23.29	23.26	20.20	0.1047
10	1	25		23.23	23.28	23.18		
10	1	49		23.03	23.25	23.02		
10	25	0		21.90	21.90	21.86		
10	25	12		21.95	21.99	21.94		
10	25	25		21.90	21.90	21.86		
10	50	0		21.88	21.90	21.90		
10	1	0	64-QAM	22.17	22.10	22.13	19.08	0.0809
10	1	25		22.03	22.12	22.11		
10	1	49		21.97	22.02	21.98		
10	25	0		20.91	20.86	20.89		
10	25	12		20.89	20.97	20.96		
10	25	25		20.89	20.87	20.83		
10	50	0		20.91	20.86	20.92		
10	1	0	256-QAM	18.82	18.87	18.90	15.85	0.0385
10	1	25		18.94	18.81	18.86		
10	1	49		18.69	18.72	18.82		
10	25	0		18.80	18.80	18.74		
10	25	12		18.71	18.79	18.87		
10	25	25		18.76	18.80	18.80		
10	50	0		18.82	18.81	18.82		
Limit	ERP < 3W			Result			Pass	



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LTE Band 17 Maximum Average Power [dBm] (GT - LC = -0.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.78	23.87	23.85	20.78	0.1197
5	1	12		23.76	23.81	23.79		
5	1	24		23.64	23.67	23.61		
5	12	0		22.76	22.74	22.79		
5	12	7		22.79	22.81	22.88		
5	12	13		22.82	22.76	22.75		
5	25	0		22.85	22.84	22.82		
5	1	0	16-QAM	23.09	23.23	23.16	20.14	0.1033
5	1	12		23.18	23.18	23.11		
5	1	24		22.93	23.20	22.96		
5	12	0		21.84	21.83	21.77		
5	12	7		21.86	21.92	21.86		
5	12	13		21.80	21.83	21.79		
5	25	0		21.81	21.85	21.81		
5	1	0	64-QAM	22.11	22.00	22.03	19.02	0.0798
5	1	12		21.98	22.02	22.01		
5	1	24		21.87	21.95	21.93		
5	12	0		20.83	20.76	20.83		
5	12	7		20.82	20.87	20.90		
5	12	13		20.84	20.78	20.74		
5	25	0		20.84	20.76	20.85		
5	1	0	256-QAM	18.74	18.79	18.80	15.77	0.0378
5	1	12		18.86	18.75	18.78		
5	1	24		18.60	18.64	18.73		
5	12	0		18.74	18.73	18.69		
5	12	7		18.62	18.74	18.78		
5	12	13		18.70	18.74	18.72		
5	25	0		18.77	18.75	18.73		
Limit	ERP < 3W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.64	23.69	23.77	19.52	0.0895
15	1	37		23.66	23.65	23.74		
15	1	74		23.62	23.66	23.66		
15	36	0		22.71	22.75	22.76		
15	36	20		22.81	22.67	22.88		
15	36	39		22.85	22.77	22.77		
15	75	0		22.79	22.71	22.73		
15	1	0	16-QAM	22.87	23.05	22.94	18.80	0.0759
15	1	37		22.97	23.02	23.00		
15	1	74		22.89	23.04	22.93		
15	36	0		21.70	21.76	21.76		
15	36	20		21.81	21.69	21.76		
15	36	39		21.86	21.76	21.76		
15	75	0		21.78	21.72	21.74		
15	1	0	64-QAM	21.78	21.92	21.82	17.74	0.0594
15	1	37		21.94	21.85	21.99		
15	1	74		21.80	21.92	21.78		
15	36	0		20.67	20.77	20.75		
15	36	20		20.79	20.68	20.77		
15	36	39		20.87	20.75	20.77		
15	75	0		20.79	20.72	20.77		
15	1	0	256-QAM	18.78	18.95	18.75	14.75	0.0299
15	1	37		19.00	18.83	18.90		
15	1	74		18.86	18.98	18.91		
15	36	0		18.79	18.77	18.71		
15	36	20		18.88	18.66	18.70		
15	36	39		18.88	18.80	18.68		
15	75	0		18.84	18.69	18.73		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.49	23.63	23.72	19.47	0.0885
10	1	25		23.62	23.66	23.65		
10	1	49		23.60	23.58	23.54		
10	25	0		22.54	22.63	22.70		
10	25	12		22.66	22.61	22.67		
10	25	25		22.69	22.66	22.64		
10	50	0		22.63	22.58	22.63		
10	1	0	16-QAM	22.89	22.98	23.13	18.88	0.0773
10	1	25		22.96	22.94	23.04		
10	1	49		23.03	22.93	22.89		
10	25	0		21.52	21.63	21.72		
10	25	12		21.65	21.61	21.68		
10	25	25		21.70	21.66	21.67		
10	50	0		21.65	21.58	21.64		
10	1	0	64-QAM	21.67	21.87	22.02	17.77	0.0598
10	1	25		21.78	21.88	21.95		
10	1	49		21.85	21.86	21.77		
10	25	0		20.56	20.63	20.68		
10	25	12		20.69	20.61	20.67		
10	25	25		20.68	20.63	20.67		
10	50	0		20.65	20.60	20.64		
10	1	0	256-QAM	18.82	18.92	18.97	14.79	0.0301
10	1	25		18.91	18.91	19.04		
10	1	49		18.86	19.01	18.91		
10	25	0		18.77	18.85	18.92		
10	25	12		18.94	18.89	18.85		
10	25	25		18.91	18.85	18.82		
10	50	0		18.88	18.83	18.86		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	21.50	23.63	23.63	19.40	0.0871
5	1	12		23.53	23.65	23.61		
5	1	24		20.56	23.60	23.57		
5	12	0		22.49	22.57	22.57		
5	12	7		22.61	22.66	22.62		
5	12	13		22.59	22.62	22.62		
5	25	0		21.59	22.54	22.61		
5	1	0	16-QAM	22.80	22.95	22.97	18.78	0.0755
5	1	12		22.86	23.03	22.98		
5	1	24		22.87	22.91	22.95		
5	12	0		21.51	21.62	21.59		
5	12	7		21.61	21.70	21.67		
5	12	13		21.60	21.64	21.70		
5	25	0		21.59	21.56	21.64		
5	1	0	64-QAM	21.67	21.85	21.77	17.60	0.0575
5	1	12		21.79	21.83	21.79		
5	1	24		21.67	21.81	21.74		
5	12	0		20.48	20.59	20.55		
5	12	7		20.58	20.68	20.65		
5	12	13		20.61	20.63	20.63		
5	25	0		20.55	20.57	20.59		
5	1	0	256-QAM	18.72	18.81	18.86	14.71	0.0296
5	1	12		18.92	18.87	18.96		
5	1	24		18.83	18.93	18.87		
5	12	0		18.74	18.87	18.84		
5	12	7		18.87	18.92	18.88		
5	12	13		18.78	18.88	18.84		
5	25	0		18.81	18.80	18.85		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	20.47	23.58	23.55	19.39	0.0869
3	1	8		20.60	23.64	23.61		
3	1	14		20.49	23.55	23.55		
3	8	0		22.56	22.58	22.56		
3	8	4		22.57	22.69	22.64		
3	8	7		22.56	22.66	22.64		
3	15	0		21.60	22.55	22.54		
3	1	0	16-QAM	22.84	22.92	22.90	18.78	0.0755
3	1	8		22.90	22.97	23.03		
3	1	14		22.82	22.99	22.90		
3	8	0		21.62	21.65	21.63		
3	8	4		21.65	21.75	21.71		
3	8	7		21.63	21.72	21.70		
3	15	0		21.55	21.58	21.56		
3	1	0	64-QAM	21.62	21.83	21.74	17.59	0.0574
3	1	8		21.71	21.84	21.82		
3	1	14		21.68	21.72	21.79		
3	8	0		20.56	20.64	20.58		
3	8	4		20.61	20.74	20.64		
3	8	7		20.56	20.69	20.66		
3	15	0		20.58	20.61	20.56		
3	1	0	256-QAM	18.68	18.86	18.83	14.77	0.0300
3	1	8		18.87	18.95	19.02		
3	1	14		18.86	18.93	18.86		
3	8	0		18.81	18.81	18.74		
3	8	4		18.87	18.86	18.87		
3	8	7		18.80	18.84	18.85		
3	15	0		18.78	18.79	18.74		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	20.53	23.52	23.52	19.37	0.0865
1.4	1	3		20.52	23.61	23.61		
1.4	1	5		20.49	23.56	23.58		
1.4	3	0		23.54	23.55	23.59		
1.4	3	1		23.53	23.54	23.60		
1.4	3	3		23.52	23.61	23.62		
1.4	6	0		22.54	22.53	22.58		
1.4	1	0	16-QAM	22.87	22.87	22.87	18.72	0.0745
1.4	1	3		22.87	22.95	22.93		
1.4	1	5		22.87	22.89	22.97		
1.4	3	0		22.68	22.68	22.72		
1.4	3	1		22.67	22.68	22.77		
1.4	3	3		22.64	22.77	22.74		
1.4	6	0		21.61	21.57	21.64		
1.4	1	0	64-QAM	21.73	21.71	21.65	17.60	0.0575
1.4	1	3		21.71	21.85	21.79		
1.4	1	5		21.68	21.83	21.78		
1.4	3	0		21.62	21.69	21.71		
1.4	3	1		21.65	21.66	21.73		
1.4	3	3		21.64	21.72	21.74		
1.4	6	0		20.54	20.57	20.63		
1.4	1	0	256-QAM	18.63	18.77	18.77	14.67	0.0293
1.4	1	3		18.78	18.90	18.92		
1.4	1	5		18.81	18.83	18.79		
1.4	3	0		18.71	18.74	18.66		
1.4	3	1		18.81	18.76	18.82		
1.4	3	3		18.71	18.75	18.80		
1.4	6	0		18.71	18.70	18.65		
Limit	ERP < 7W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -0.58 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.45	23.59	23.64	23.06	0.2023
20	1	49		23.43	23.60	23.60		
20	1	99		23.38	23.48	23.39		
20	50	0		22.49	22.58	22.65		
20	50	24		22.58	22.68	22.70		
20	50	50		22.58	22.64	22.63		
20	100	0		22.57	22.66	22.66		
20	1	0	16-QAM	22.39	22.59	22.62	22.13	0.1633
20	1	49		22.52	22.62	22.71		
20	1	99		22.45	22.49	22.53		
20	50	0		21.51	21.59	21.64		
20	50	24		21.56	21.67	21.69		
20	50	50		21.56	21.63	21.67		
20	100	0		21.58	21.68	21.69		
20	1	0	64-QAM	21.44	21.54	21.69	21.11	0.1291
20	1	49		21.47	21.50	21.54		
20	1	99		21.36	21.36	21.49		
20	50	0		20.52	20.61	20.66		
20	50	24		20.58	20.69	20.72		
20	50	50		20.60	20.66	20.69		
20	100	0		20.60	20.64	20.68		
20	1	0	256-QAM	18.45	18.54	18.61	18.03	0.0635
20	1	49		18.37	18.43	18.50		
20	1	99		18.49	18.52	18.59		
20	50	0		18.48	18.51	18.56		
20	50	24		18.52	18.56	18.60		
20	50	50		18.47	18.55	18.58		
20	100	0		18.44	18.53	18.57		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -0.58 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.33	23.50	23.50	22.95	0.1972
15	1	37		23.29	23.52	23.53		
15	1	74		23.29	23.34	23.33		
15	36	0		22.41	22.48	22.53		
15	36	20		22.51	22.61	22.57		
15	36	39		22.46	22.57	22.54		
15	75	0		22.50	22.53	22.55		
15	1	0	16-QAM	22.24	22.48	22.52	22.03	0.1596
15	1	37		22.47	22.50	22.61		
15	1	74		22.36	22.44	22.43		
15	36	0		21.46	21.45	21.56		
15	36	20		21.50	21.52	21.60		
15	36	39		21.43	21.58	21.58		
15	75	0		21.48	21.60	21.64		
15	1	0	64-QAM	21.33	21.46	21.57	20.99	0.1256
15	1	37		21.35	21.35	21.44		
15	1	74		21.30	21.26	21.35		
15	36	0		20.44	20.53	20.61		
15	36	20		20.44	20.58	20.67		
15	36	39		20.48	20.52	20.54		
15	75	0		20.47	20.57	20.62		
15	1	0	256-QAM	18.39	18.49	18.54	17.96	0.0625
15	1	37		18.31	18.38	18.45		
15	1	74		18.43	18.43	18.52		
15	36	0		18.38	18.46	18.46		
15	36	20		18.42	18.46	18.52		
15	36	39		18.41	18.49	18.53		
15	75	0		18.35	18.45	18.47		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -0.58 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.30	23.48	23.54	22.96	0.1977
10	1	25		23.31	23.48	23.46		
10	1	49		23.30	23.39	23.28		
10	25	0		22.36	22.46	22.58		
10	25	12		22.47	22.62	22.58		
10	25	25		22.44	22.54	22.56		
10	50	0		22.50	22.56	22.59		
10	1	0	16-QAM	22.30	22.48	22.55	22.00	0.1585
10	1	25		22.42	22.47	22.58		
10	1	49		22.40	22.39	22.48		
10	25	0		21.39	21.47	21.53		
10	25	12		21.45	21.57	21.60		
10	25	25		21.45	21.53	21.55		
10	50	0		21.49	21.62	21.61		
10	1	0	64-QAM	21.31	21.45	21.59	21.01	0.1262
10	1	25		21.36	21.35	21.48		
10	1	49		21.24	21.31	21.40		
10	25	0		20.47	20.51	20.60		
10	25	12		20.49	20.59	20.67		
10	25	25		20.49	20.55	20.61		
10	50	0		20.45	20.52	20.58		
10	1	0	256-QAM	18.37	18.45	18.53	17.95	0.0624
10	1	25		18.32	18.38	18.43		
10	1	49		18.40	18.43	18.51		
10	25	0		18.38	18.43	18.50		
10	25	12		18.47	18.46	18.53		
10	25	25		18.42	18.47	18.49		
10	50	0		18.36	18.48	18.49		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -0.58 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.35	23.44	23.53	22.95	0.1972
5	1	12		23.36	23.53	23.46		
5	1	24		23.24	23.36	23.27		
5	12	0		22.36	22.49	22.52		
5	12	7		22.52	22.54	22.55		
5	12	13		22.48	22.51	22.57		
5	25	0		22.42	22.59	22.60		
5	1	0	16-QAM	22.24	22.54	22.52	22.02	0.1592
5	1	12		22.47	22.52	22.60		
5	1	24		22.31	22.43	22.47		
5	12	0		21.45	21.53	21.57		
5	12	7		21.42	21.53	21.57		
5	12	13		21.47	21.55	21.60		
5	25	0		21.50	21.62	21.63		
5	1	0	64-QAM	21.36	21.48	21.62	21.04	0.1271
5	1	12		21.36	21.36	21.39		
5	1	24		21.23	21.24	21.42		
5	12	0		20.41	20.52	20.54		
5	12	7		20.52	20.58	20.58		
5	12	13		20.52	20.56	20.59		
5	25	0		20.52	20.53	20.61		
5	1	0	256-QAM	18.38	18.44	18.53	17.95	0.0624
5	1	12		18.27	18.35	18.42		
5	1	24		18.40	18.43	18.52		
5	12	0		18.38	18.42	18.51		
5	12	7		18.43	18.47	18.51		
5	12	13		18.37	18.46	18.49		
5	25	0		18.34	18.44	18.52		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.44	25.64	25.48	25.95	0.3936
20	1	49		25.44	25.60	25.50		
20	1	99		25.39	25.59	25.52		
20	50	0		24.55	24.65	24.55		
20	50	24		24.61	24.75	24.62		
20	50	50		24.60	24.68	24.59		
20	100	0		24.09	24.24	24.15		
20	1	0	16-QAM	24.70	25.00	24.91	25.31	0.3396
20	1	49		24.86	24.97	24.89		
20	1	99		24.72	24.94	24.90		
20	50	0		23.58	23.64	23.54		
20	50	24		23.64	23.76	23.62		
20	50	50		23.61	23.76	23.63		
20	100	0		23.11	23.25	23.14		
20	1	0	64-QAM	23.69	23.91	23.86	24.22	0.2642
20	1	49		23.68	23.86	23.74		
20	1	99		23.64	23.90	23.73		
20	50	0		22.54	22.69	22.56		
20	50	24		22.65	22.76	22.68		
20	50	50		22.63	22.75	22.64		
20	100	0		22.64	22.72	22.62		
20	1	0	256-QAM	20.53	20.69	20.62	21.00	0.1259
20	1	49		20.48	20.65	20.56		
20	1	99		20.46	20.62	20.59		
20	50	0		20.45	20.66	20.57		
20	50	24		20.46	20.63	20.53		
20	50	50		20.46	20.64	20.53		
20	100	0		20.50	20.63	20.53		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.37	25.59	25.41	25.90	0.3890
15	1	37		25.38	25.55	25.45		
15	1	74		25.34	25.51	25.44		
15	36	0		24.50	24.55	24.50		
15	36	20		24.53	24.68	24.52		
15	36	39		24.53	24.58	24.54		
15	75	0		24.01	24.16	24.05		
15	1	0	16-QAM	24.61	24.94	24.85	25.25	0.3350
15	1	37		24.76	24.92	24.80		
15	1	74		24.63	24.88	24.80		
15	36	0		23.53	23.55	23.47		
15	36	20		23.55	23.71	23.54		
15	36	39		23.52	23.67	23.57		
15	75	0		23.03	23.20	23.06		
15	1	0	64-QAM	23.64	23.83	23.78	24.14	0.2594
15	1	37		23.61	23.78	23.68		
15	1	74		23.57	23.82	23.66		
15	36	0		22.48	22.62	22.47		
15	36	20		22.59	22.67	22.60		
15	36	39		22.58	22.70	22.54		
15	75	0		22.54	22.65	22.54		
15	1	0	256-QAM	20.46	20.63	20.53	20.94	0.1242
15	1	37		20.39	20.60	20.46		
15	1	74		20.36	20.52	20.51		
15	36	0		20.37	20.58	20.51		
15	36	20		20.37	20.57	20.42		
15	36	39		20.41	20.58	20.45		
15	75	0		20.52	20.63	20.56		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.34	25.58	25.41	25.89	0.3882
10	1	25		25.37	25.54	25.45		
10	1	49		25.31	25.51	25.44		
10	25	0		24.50	24.56	24.48		
10	25	12		24.53	24.66	24.54		
10	25	25		24.51	24.63	24.50		
10	50	0		24.11	24.24	24.15		
10	1	0	16-QAM	24.61	24.94	24.82	25.25	0.3350
10	1	25		24.76	24.91	24.80		
10	1	49		24.65	24.87	24.82		
10	25	0		23.48	23.59	23.48		
10	25	12		23.59	23.68	23.53		
10	25	25		23.56	23.68	23.58		
10	50	0		23.35	23.49	23.37		
10	1	0	64-QAM	23.59	23.85	23.79	24.16	0.2606
10	1	25		23.58	23.76	23.66		
10	1	49		23.57	23.83	23.66		
10	25	0		22.47	22.64	22.50		
10	25	12		22.59	22.68	22.58		
10	25	25		22.55	22.66	22.57		
10	50	0		22.56	22.62	22.53		
10	1	0	256-QAM	20.45	20.64	20.56	20.95	0.1245
10	1	25		20.39	20.56	20.49		
10	1	49		20.41	20.57	20.53		
10	25	0		20.34	20.58	20.51		
10	25	12		20.36	20.57	20.47		
10	25	25		20.40	20.53	20.47		
10	50	0		20.50	20.63	20.56		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.39	25.56	25.41	25.87	0.3864
5	1	12		25.34	25.50	25.45		
5	1	24		25.29	25.49	25.47		
5	12	0		24.48	24.58	24.48		
5	12	7		24.56	24.70	24.57		
5	12	13		24.53	24.59	24.49		
5	25	0		24.49	24.51	24.47		
5	1	0	16-QAM	24.62	24.92	24.84	25.23	0.3334
5	1	12		24.79	24.92	24.83		
5	1	24		24.66	24.88	24.81		
5	12	0		23.52	23.59	23.49		
5	12	7		23.59	23.67	23.54		
5	12	13		23.51	23.70	23.55		
5	25	0		23.25	23.35	23.24		
5	1	0	64-QAM	23.64	23.83	23.76	24.14	0.2594
5	1	12		23.63	23.79	23.66		
5	1	24		23.58	23.80	23.63		
5	12	0		22.49	22.59	22.50		
5	12	7		22.57	22.69	22.62		
5	12	13		22.55	22.68	22.56		
5	25	0		22.57	22.67	22.56		
5	1	0	256-QAM	20.48	20.63	20.56	20.98	0.1253
5	1	12		20.37	20.60	20.46		
5	1	24		20.41	20.53	20.52		
5	12	0		20.37	20.58	20.47		
5	12	7		20.38	20.57	20.48		
5	12	13		20.35	20.58	20.45		
5	25	0		20.55	20.67	20.52		
Limit	EIRP < 2W			Result			Pass	



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.73 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	21.58	-	22.31	0.1702
10	1	25			21.57			
10	1	49			21.51			
10	25	0			20.52			
10	25	12			20.60			
10	25	25			20.59			
10	50	0			20.59			
10	1	0	16-QAM		20.95		21.68	0.1472
10	1	25			20.94			
10	1	49			20.87			
10	25	0			19.51			
10	25	12			19.55			
10	25	25			19.63			
10	50	0			19.62			
10	1	0	64-QAM		19.79		20.56	0.1138
10	1	25			19.83			
10	1	49			19.72			
10	25	0			18.54			
10	25	12			18.54			
10	25	25			18.60			
10	50	0			18.62			
10	1	0	256-QAM		16.72		17.51	0.0564
10	1	25			16.78			
10	1	49			16.74			
10	25	0			16.71			
10	25	12			16.67			
10	25	25			16.73			
10	50	0			16.76			
Limit	EIRP < 250mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.73 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.52	21.52	21.51	22.29	0.1694
5	1	12		21.55	21.56	21.54		
5	1	24		21.51	21.52	21.51		
5	12	0		20.59	20.51	20.50		
5	12	7		20.61	20.62	20.62		
5	12	13		20.60	20.57	20.56		
5	25	0		20.57	20.60	20.57		
5	1	0	16-QAM	20.88	20.91	20.86	21.69	0.1476
5	1	12		20.93	20.95	20.96		
5	1	24		20.86	20.91	20.83		
5	12	0		19.64	19.56	19.54		
5	12	7		19.65	19.65	19.65		
5	12	13		19.58	19.63	19.64		
5	25	0		19.59	19.57	19.61		
5	1	0	64-QAM	19.76	19.73	19.68	20.54	0.1132
5	1	12		19.79	19.79	19.74		
5	1	24		19.81	19.71	19.73		
5	12	0		18.63	18.51	18.53		
5	12	7		18.63	18.63	18.66		
5	12	13		18.57	18.62	18.62		
5	25	0		18.58	18.58	18.57		
5	1	0	256-QAM	16.58	16.80	16.63	17.59	0.0574
5	1	12		16.85	16.76	16.86		
5	1	24		16.68	16.82	16.79		
5	12	0		16.65	16.69	16.67		
5	12	7		16.70	16.76	16.80		
5	12	13		16.68	16.74	16.74		
5	25	0		16.72	16.73	16.76		
Limit	EIRP < 250mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.59	23.66	23.62	24.70	0.2951
20	1	49		23.48	23.58	23.53		
20	1	99		23.54	23.61	23.41		
20	50	0		22.59	22.66	22.62		
20	50	24		22.67	22.70	22.61		
20	50	50		22.64	22.68	22.62		
20	100	0		22.65	22.62	22.68		
20	1	0	16-QAM	22.83	22.93	22.92	24.01	0.2518
20	1	49		22.85	22.97	22.90		
20	1	99		22.86	22.94	22.73		
20	50	0		21.59	21.70	21.63		
20	50	24		21.67	21.67	21.60		
20	50	50		21.65	21.68	21.62		
20	100	0		21.67	21.64	21.68		
20	1	0	64-QAM	21.84	21.95	21.80	22.99	0.1991
20	1	49		21.69	21.93	21.84		
20	1	99		21.78	21.87	21.66		
20	50	0		20.62	20.66	20.63		
20	50	24		20.68	20.63	20.60		
20	50	50		20.68	20.68	20.63		
20	100	0		20.68	20.65	20.68		
20	1	0	256-QAM	18.62	18.64	18.60	19.74	0.0942
20	1	49		18.48	18.67	18.57		
20	1	99		18.67	18.61	18.70		
20	50	0		18.44	18.47	18.49		
20	50	24		18.57	18.55	18.47		
20	50	50		18.56	18.62	18.56		
20	100	0		18.56	18.52	18.54		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.36	23.47	23.43	24.55	0.2851
15	1	37		23.39	23.43	23.43		
15	1	74		23.37	23.51	23.32		
15	36	0		22.43	22.51	22.47		
15	36	20		22.49	22.49	22.52		
15	36	39		22.49	22.55	22.49		
15	75	0		22.49	22.48	22.55		
15	1	0	16-QAM	22.66	22.81	22.79	23.88	0.2443
15	1	37		22.66	22.80	22.75		
15	1	74		22.73	22.84	22.63		
15	36	0		21.47	21.56	21.50		
15	36	20		21.52	21.47	21.52		
15	36	39		21.51	21.55	21.50		
15	75	0		21.53	21.50	21.55		
15	1	0	64-QAM	21.68	21.76	21.74	22.80	0.1905
15	1	37		21.62	21.72	21.62		
15	1	74		21.68	21.69	21.57		
15	36	0		20.47	20.54	20.49		
15	36	20		20.51	20.50	20.53		
15	36	39		20.50	20.56	20.49		
15	75	0		20.52	20.50	20.53		
15	1	0	256-QAM	18.51	18.50	18.52	19.80	0.0955
15	1	37		18.66	18.59	18.62		
15	1	74		18.57	18.63	18.76		
15	36	0		18.47	18.53	18.48		
15	36	20		18.56	18.49	18.56		
15	36	39		18.48	18.56	18.57		
15	75	0		18.57	18.51	18.57		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.52	23.61	23.53	24.67	0.2931
10	1	25		23.58	23.63	23.58		
10	1	49		23.51	23.55	23.47		
10	25	0		22.54	22.60	22.54		
10	25	12		22.62	22.61	22.62		
10	25	25		22.61	22.64	22.60		
10	50	0		22.62	22.57	22.61		
10	1	0	16-QAM	22.98	23.03	22.97	24.07	0.2553
10	1	25		23.01	23.02	22.96		
10	1	49		22.97	22.97	22.93		
10	25	0		21.57	21.62	21.55		
10	25	12		21.64	21.61	21.63		
10	25	25		21.65	21.65	21.58		
10	50	0		21.61	21.60	21.60		
10	1	0	64-QAM	21.78	21.91	21.84	22.95	0.1972
10	1	25		21.85	21.90	21.79		
10	1	49		21.82	21.80	21.76		
10	25	0		20.55	20.62	20.57		
10	25	12		20.64	20.64	20.66		
10	25	25		20.64	20.67	20.60		
10	50	0		20.63	20.62	20.62		
10	1	0	256-QAM	18.60	18.74	18.56	19.95	0.0989
10	1	25		18.78	18.84	18.91		
10	1	49		18.75	18.78	18.71		
10	25	0		18.60	18.68	18.54		
10	25	12		18.74	18.73	18.73		
10	25	25		18.71	18.74	18.71		
10	50	0		18.73	18.66	18.66		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.48	23.59	23.50	24.66	0.2924
5	1	12		23.57	23.62	23.56		
5	1	24		23.51	23.56	23.48		
5	12	0		22.57	22.58	22.52		
5	12	7		22.64	22.61	22.61		
5	12	13		22.60	22.65	22.58		
5	25	0		22.59	22.58	22.57		
5	1	0	16-QAM	22.86	22.97	22.86	24.12	0.2582
5	1	12		23.02	23.08	22.98		
5	1	24		22.88	22.96	22.94		
5	12	0		21.63	21.63	21.53		
5	12	7		21.67	21.65	21.68		
5	12	13		21.60	21.70	21.61		
5	25	0		21.64	21.58	21.59		
5	1	0	64-QAM	21.79	21.81	21.81	22.99	0.1991
5	1	12		21.82	21.95	21.81		
5	1	24		21.73	21.84	21.75		
5	12	0		20.65	20.67	20.51		
5	12	7		20.66	20.65	20.62		
5	12	13		20.61	20.67	20.58		
5	25	0		20.60	20.57	20.60		
5	1	0	256-QAM	18.69	18.75	18.57	19.96	0.0991
5	1	12		18.87	18.92	18.89		
5	1	24		18.74	18.72	18.68		
5	12	0		18.69	18.64	18.67		
5	12	7		18.75	18.71	18.76		
5	12	13		18.74	18.74	18.70		
5	25	0		18.71	18.61	18.66		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.50	23.56	23.46	24.69	0.2944
3	1	8		23.58	23.65	23.56		
3	1	14		23.48	23.56	23.53		
3	8	0		22.58	22.59	22.52		
3	8	4		22.63	22.70	22.62		
3	8	7		22.57	22.67	22.57		
3	15	0		22.57	22.58	22.49		
3	1	0	16-QAM	22.88	22.95	22.86	24.13	0.2588
3	1	8		22.94	23.09	22.97		
3	1	14		22.91	22.99	22.94		
3	8	0		21.68	21.69	21.59		
3	8	4		21.68	21.78	21.72		
3	8	7		21.65	21.75	21.69		
3	15	0		21.62	21.60	21.54		
3	1	0	64-QAM	21.82	21.83	21.69	22.92	0.1959
3	1	8		21.88	21.87	21.87		
3	1	14		21.74	21.82	21.78		
3	8	0		20.64	20.65	20.55		
3	8	4		20.69	20.77	20.66		
3	8	7		20.63	20.72	20.62		
3	15	0		20.63	20.59	20.52		
3	1	0	256-QAM	18.70	18.61	18.72	19.92	0.0982
3	1	8		18.77	18.88	18.78		
3	1	14		18.76	18.75	18.63		
3	8	0		18.74	18.67	18.65		
3	8	4		18.74	18.76	18.75		
3	8	7		18.76	18.77	18.76		
3	15	0		18.69	18.62	18.61		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.49	23.56	23.49	24.66	0.2924
1.4	1	3		23.53	23.62	23.56		
1.4	1	5		23.48	23.59	23.48		
1.4	3	0		23.52	23.62	23.55		
1.4	3	1		23.52	23.62	23.55		
1.4	3	3		23.53	23.62	23.55		
1.4	6	0		22.54	22.64	22.55		
1.4	1	0	16-QAM	22.95	23.01	22.99	24.08	0.2559
1.4	1	3		22.93	23.04	23.01		
1.4	1	5		22.94	23.01	22.95		
1.4	3	0		22.73	22.81	22.74		
1.4	3	1		22.72	22.85	22.72		
1.4	3	3		22.72	22.80	22.75		
1.4	6	0		21.65	21.68	21.67		
1.4	1	0	64-QAM	21.75	21.83	21.73	22.93	0.1963
1.4	1	3		21.78	21.89	21.77		
1.4	1	5		21.72	21.86	21.72		
1.4	3	0		21.72	21.75	21.71		
1.4	3	1		21.66	21.77	21.73		
1.4	3	3		21.67	21.78	21.74		
1.4	6	0		20.64	20.66	20.62		
1.4	1	0	256-QAM	18.65	18.56	18.67	19.86	0.0968
1.4	1	3		18.70	18.82	18.72		
1.4	1	5		18.66	18.69	18.55		
1.4	3	0		18.67	18.61	18.55		
1.4	3	1		18.68	18.71	18.68		
1.4	3	3		18.71	18.67	18.69		
1.4	6	0		18.64	18.54	18.53		
Limit	EIRP < 1W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.91	23.79	23.82	22.58	0.1811
20	1	49		23.90	23.87	23.75		
20	1	99		23.60	23.65	23.57		
20	50	0		22.80	22.85	22.86		
20	50	24		22.88	22.85	22.86		
20	50	50		22.84	22.83	22.82		
20	100	0		22.83	22.81	22.82		
20	1	0	16-QAM	23.10	23.09	23.20	21.95	0.1567
20	1	49		23.28	23.22	23.13		
20	1	99		22.98	22.96	22.85		
20	50	0		21.88	21.88	21.84		
20	50	24		21.89	21.81	21.89		
20	50	50		21.83	21.81	21.85		
20	100	0		21.95	21.82	21.75		
20	1	0	64-QAM	22.10	22.13	21.96	20.92	0.1236
20	1	49		22.25	21.89	22.00		
20	1	99		21.92	21.89	21.76		
20	50	0		20.88	20.89	20.80		
20	50	24		20.91	20.85	20.82		
20	50	50		20.82	20.80	20.80		
20	100	0		20.90	20.82	20.85		
20	1	0	256-QAM	18.71	18.91	18.92	17.59	0.0574
20	1	49		18.79	18.91	18.86		
20	1	99		18.85	18.85	18.81		
20	50	0		18.88	18.81	18.85		
20	50	24		18.84	18.76	18.79		
20	50	50		18.91	18.82	18.84		
20	100	0		18.80	18.77	18.76		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.80	23.74	23.73	22.47	0.1766
15	1	37		23.80	23.77	23.66		
15	1	74		23.52	23.60	23.48		
15	36	0		22.70	22.75	22.79		
15	36	20		22.78	22.79	22.80		
15	36	39		22.76	22.77	22.75		
15	75	0		22.77	22.72	22.73		
15	1	0	16-QAM	23.00	22.99	23.10	21.86	0.1535
15	1	37		23.19	23.12	23.06		
15	1	74		22.90	22.90	22.77		
15	36	0		21.82	21.79	21.77		
15	36	20		21.81	21.71	21.79		
15	36	39		21.78	21.76	21.77		
15	75	0		21.89	21.77	21.65		
15	1	0	64-QAM	22.00	22.05	21.90	20.82	0.1208
15	1	37		22.15	21.79	21.95		
15	1	74		21.86	21.82	21.68		
15	36	0		20.81	20.83	20.71		
15	36	20		20.85	20.76	20.75		
15	36	39		20.72	20.71	20.70		
15	75	0		20.83	20.72	20.77		
15	1	0	256-QAM	18.53	19.01	18.77	17.68	0.0586
15	1	37		18.97	18.76	18.88		
15	1	74		18.85	18.92	18.72		
15	36	0		18.75	18.84	18.81		
15	36	20		18.81	18.73	18.82		
15	36	39		18.76	18.75	18.76		
15	75	0		18.83	18.78	18.80		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.78	23.70	23.74	22.47	0.1766
10	1	25		23.80	23.77	23.70		
10	1	49		23.54	23.60	23.50		
10	25	0		22.70	22.79	22.77		
10	25	12		22.79	22.78	22.77		
10	25	25		22.78	22.75	22.73		
10	50	0		22.75	22.75	22.76		
10	1	0	16-QAM	23.03	23.03	23.11	21.90	0.1549
10	1	25		23.23	23.14	23.04		
10	1	49		22.90	22.89	22.76		
10	25	0		21.80	21.83	21.78		
10	25	12		21.79	21.72	21.80		
10	25	25		21.74	21.75	21.78		
10	50	0		21.89	21.73	21.67		
10	1	0	64-QAM	22.05	22.05	21.91	20.85	0.1216
10	1	25		22.18	21.84	21.91		
10	1	49		21.83	21.84	21.68		
10	25	0		20.79	20.80	20.71		
10	25	12		20.85	20.79	20.76		
10	25	25		20.72	20.74	20.75		
10	50	0		20.81	20.76	20.77		
10	1	0	256-QAM	18.28	19.01	19.00	17.72	0.0592
10	1	25		19.05	19.04	19.04		
10	1	49		18.91	18.93	18.80		
10	25	0		18.90	18.97	18.88		
10	25	12		18.94	18.92	18.89		
10	25	25		18.92	18.91	18.85		
10	50	0		18.94	18.87	18.92		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.79	23.73	23.75	22.50	0.1778
5	1	12		23.83	23.79	23.67		
5	1	24		23.54	23.55	23.50		
5	12	0		22.72	22.75	22.76		
5	12	7		22.83	22.79	22.79		
5	12	13		22.74	22.76	22.73		
5	25	0		22.75	22.73	22.76		
5	1	0	16-QAM	23.01	23.04	23.11	21.88	0.1542
5	1	12		23.21	23.13	23.06		
5	1	24		22.92	22.91	22.78		
5	12	0		21.81	21.79	21.78		
5	12	7		21.81	21.76	21.81		
5	12	13		21.73	21.73	21.79		
5	25	0		21.89	21.73	21.67		
5	1	0	64-QAM	22.03	22.04	21.90	20.82	0.1208
5	1	12		22.15	21.80	21.92		
5	1	24		21.84	21.82	21.71		
5	12	0		20.83	20.81	20.72		
5	12	7		20.86	20.80	20.76		
5	12	13		20.76	20.73	20.75		
5	25	0		20.85	20.75	20.78		
5	1	0	256-QAM	18.60	19.00	18.91	17.74	0.0594
5	1	12		18.99	19.02	19.07		
5	1	24		18.82	18.90	18.89		
5	12	0		18.57	18.80	18.85		
5	12	7		18.92	18.96	18.92		
5	12	13		18.83	18.92	18.83		
5	25	0		18.90	18.76	18.76		
Limit	ERP < 3W			Result			Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.07	-	19.72	0.0938
10	1	25			24.00			
10	1	49			23.91			
10	25	0			23.06			
10	25	12			23.07			
10	25	25			23.03			
10	50	0			23.14			
10	1	0	16-QAM		23.63		19.28	0.0847
10	1	25			23.41			
10	1	49			23.35			
10	25	0			22.09			
10	25	12			22.09			
10	25	25			22.04			
10	50	0			22.08			
10	1	0	64-QAM		22.49		18.14	0.0652
10	1	25			22.23			
10	1	49			22.07			
10	25	0			21.12			
10	25	12			21.09			
10	25	25			20.94			
10	50	0			21.04			
10	1	0	256-QAM		19.10		14.75	0.0299
10	1	25			19.03			
10	1	49			19.02			
10	25	0			18.96			
10	25	12			18.93			
10	25	25			19.02			
10	50	0			18.92			
Limit	ERP < 3W			Result			Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.95	23.92	23.89	19.60	0.0912
5	1	12		23.95	23.92	23.89		
5	1	24		23.87	23.81	23.76		
5	12	0		23.05	22.91	22.86		
5	12	7		23.06	22.96	22.84		
5	12	13		22.99	22.90	22.87		
5	25	0		23.01	22.96	22.80		
5	1	0	16-QAM	23.37	23.32	23.23	19.05	0.0804
5	1	12		23.40	23.26	23.22		
5	1	24		23.23	23.16	23.19		
5	12	0		22.11	21.94	21.89		
5	12	7		22.08	22.02	21.87		
5	12	13		22.02	21.94	21.92		
5	25	0		22.05	21.97	21.84		
5	1	0	64-QAM	22.24	22.21	22.16	17.89	0.0615
5	1	12		22.20	22.13	22.10		
5	1	24		22.07	22.03	22.03		
5	12	0		21.08	20.92	20.89		
5	12	7		21.10	20.96	20.86		
5	12	13		21.00	20.91	20.86		
5	25	0		21.03	20.95	20.81		
5	1	0	256-QAM	19.01	19.02	19.03	14.68	0.0294
5	1	12		18.97	18.97	18.97		
5	1	24		18.97	18.92	18.94		
5	12	0		18.87	18.89	18.89		
5	12	7		18.87	18.83	18.84		
5	12	13		18.96	18.97	18.95		
5	25	0		18.85	18.82	18.83		
Limit	ERP < 3W			Result			Pass	



LTE Band 26 (Part90s) Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.50	-	-	19.37	0.0865
15	1	37		23.62	-	-		
15	1	74		23.49	-	-		
15	36	0		22.65	-	-		
15	36	20		22.80	-	-		
15	36	39		22.69	-	-		
15	75	0		22.78	-	-		
15	1	0	16-QAM	22.78	-	-	18.71	0.0743
15	1	37		22.96	-	-		
15	1	74		22.75	-	-		
15	36	0		21.57	-	-		
15	36	20		21.65	-	-		
15	36	39		21.69	-	-		
15	75	0		21.59	-	-		
15	1	0	64-QAM	21.68	-	-	17.53	0.0566
15	1	37		21.78	-	-		
15	1	74		21.74	-	-		
15	36	0		20.49	-	-		
15	36	20		20.71	-	-		
15	36	39		20.77	-	-		
15	75	0		20.72	-	-		
15	1	0	256-QAM	18.78	-	-	14.73	0.0297
15	1	37		18.98	-	-		
15	1	74		18.82	-	-		
15	36	0		18.75	-	-		
15	36	20		18.80	-	-		
15	36	39		18.73	-	-		
15	75	0		18.84	-	-		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90s) Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.58	-	19.38	0.0867
10	1	25		-	23.63	-		
10	1	49		-	23.38	-		
10	25	0		-	22.49	-		
10	25	12		-	22.59	-		
10	25	25		-	22.63	-		
10	50	0		-	22.41	-		
10	1	0	16-QAM	-	22.79	-	18.69	0.0740
10	1	25		-	22.94	-		
10	1	49		-	22.76	-		
10	25	0		-	21.63	-		
10	25	12		-	21.47	-		
10	25	25		-	21.53	-		
10	50	0		-	21.54	-		
10	1	0	64-QAM	-	21.81	-	17.58	0.0573
10	1	25		-	21.78	-		
10	1	49		-	21.83	-		
10	25	0		-	20.63	-		
10	25	12		-	20.45	-		
10	25	25		-	20.48	-		
10	50	0		-	20.59	-		
10	1	0	256-QAM	-	18.88	-	14.65	0.0292
10	1	25		-	18.75	-		
10	1	49		-	18.90	-		
10	25	0		-	18.83	-		
10	25	12		-	18.71	-		
10	25	25		-	18.74	-		
10	50	0		-	18.79	-		
Limit	Power < 100W			Result			Pass	



LTE Band 26(Part90s) Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	21.35	23.52	23.43	19.35	0.0861
5	1	12		23.46	23.54	23.60		
5	1	24		20.46	23.51	23.43		
5	12	0		22.42	22.46	22.41		
5	12	7		22.51	22.57	22.49		
5	12	13		22.46	22.57	22.47		
5	25	0		21.47	22.43	22.52		
5	1	0	16-QAM	22.68	22.77	22.92	18.67	0.0736
5	1	12		22.84	22.83	22.83		
5	1	24		22.81	22.73	22.80		
5	12	0		21.36	21.56	21.45		
5	12	7		21.50	21.57	21.65		
5	12	13		21.57	21.44	21.60		
5	25	0		21.52	21.43	21.64		
5	1	0	64-QAM	21.52	21.81	21.65	17.56	0.0570
5	1	12		21.59	21.78	21.62		
5	1	24		21.58	21.72	21.66		
5	12	0		20.48	20.47	20.51		
5	12	7		20.42	20.59	20.56		
5	12	13		20.44	20.43	20.47		
5	25	0		20.37	20.56	20.49		
5	1	0	256-QAM	18.60	18.69	18.68	14.63	0.0290
5	1	12		18.87	18.75	18.86		
5	1	24		18.81	18.84	18.75		
5	12	0		18.71	18.84	18.71		
5	12	7		18.80	18.88	18.77		
5	12	13		18.66	18.85	18.83		
5	25	0		18.74	18.61	18.82		
Limit	Power < 100W			Result			Pass	



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LTE Band 26 (Part90s) Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	20.39	23.47	23.44	19.31	0.0853
3	1	8		20.44	23.56	23.51		
3	1	14		20.33	23.38	23.49		
3	8	0		22.40	22.49	22.47		
3	8	4		22.52	22.69	22.48		
3	8	7		22.56	22.47	22.63		
3	15	0		21.42	22.41	22.35		
3	1	0	16-QAM	22.64	22.74	22.74	18.71	0.0743
3	1	8		22.90	22.88	22.92		
3	1	14		22.65	22.96	22.75		
3	8	0		21.49	21.61	21.44		
3	8	4		21.65	21.56	21.51		
3	8	7		21.59	21.54	21.51		
3	15	0		21.54	21.52	21.49		
3	1	0	64-QAM	21.61	21.67	21.73	17.56	0.0570
3	1	8		21.60	21.75	21.81		
3	1	14		21.54	21.62	21.69		
3	8	0		20.52	20.56	20.39		
3	8	4		20.57	20.57	20.63		
3	8	7		20.39	20.68	20.50		
3	15	0		20.47	20.48	20.52		
3	1	0	256-QAM	18.61	18.78	18.73	14.71	0.0296
3	1	8		18.82	18.87	18.96		
3	1	14		18.75	18.82	18.76		
3	8	0		18.64	18.75	18.69		
3	8	4		18.73	18.81	18.87		
3	8	7		18.73	18.69	18.83		
3	15	0		18.70	18.72	18.57		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90s) Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	20.52	23.33	23.46	19.35	0.0861
1.4	1	3		20.44	23.51	23.55		
1.4	1	5		20.46	23.36	23.44		
1.4	3	0		23.49	23.53	23.57		
1.4	3	1		23.47	23.50	23.60		
1.4	3	3		23.34	23.56	23.55		
1.4	6	0		22.41	22.53	22.57		
1.4	1	0	16-QAM	22.79	22.73	22.76	18.69	0.0740
1.4	1	3		22.74	22.94	22.85		
1.4	1	5		22.85	22.71	22.81		
1.4	3	0		22.55	22.54	22.60		
1.4	3	1		22.56	22.57	22.61		
1.4	3	3		22.46	22.62	22.74		
1.4	6	0		21.61	21.53	21.62		
1.4	1	0	64-QAM	21.64	21.71	21.56	17.54	0.0568
1.4	1	3		21.65	21.73	21.65		
1.4	1	5		21.58	21.79	21.78		
1.4	3	0		21.44	21.50	21.67		
1.4	3	1		21.51	21.62	21.72		
1.4	3	3		21.44	21.72	21.55		
1.4	6	0		20.34	20.39	20.59		
1.4	1	0	256-QAM	18.48	18.68	18.59	14.57	0.0286
1.4	1	3		18.72	18.74	18.82		
1.4	1	5		18.67	18.64	18.69		
1.4	3	0		18.70	18.54	18.51		
1.4	3	1		18.67	18.57	18.69		
1.4	3	3		18.59	18.57	18.76		
1.4	6	0		18.69	18.55	18.58		
Limit	Power < 100W			Result			Pass	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.59	-	19.37	0.0865
15	1	37		-	23.61	-		
15	1	74		-	23.62	-		
15	36	0		-	22.78	-		
15	36	20		-	22.86	-		
15	36	39		-	22.77	-		
15	75	0		-	22.87	-		
15	1	0	16-QAM	-	22.91	-	18.77	0.0753
15	1	37		-	23.02	-		
15	1	74		-	22.93	-		
15	36	0		-	21.61	-		
15	36	20		-	21.72	-		
15	36	39		-	21.80	-		
15	75	0		-	21.85	-		
15	1	0	64-QAM	-	21.85	-	17.63	0.0579
15	1	37		-	21.88	-		
15	1	74		-	21.86	-		
15	36	0		-	20.66	-		
15	36	20		-	20.70	-		
15	36	39		-	20.87	-		
15	75	0		-	20.78	-		
15	1	0	256-QAM	-	18.74	-	14.85	0.0305
15	1	37		-	19.10	-		
15	1	74		-	18.80	-		
15	36	0		-	18.82	-		
15	36	20		-	18.96	-		
15	36	39		-	18.89	-		
15	75	0		-	18.82	-		
Limit	ERP < 7W			Result			Pass	



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LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.58	-	19.41	0.0873
10	1	25		-	23.66	-		
10	1	49		-	23.64	-		
10	25	0		-	22.62	-		
10	25	12		-	22.70	-		
10	25	25		-	22.64	-		
10	50	0		-	22.68	-		
10	1	0	16-QAM	-	22.91	-	18.76	0.0752
10	1	25		-	22.89	-		
10	1	49		-	23.01	-		
10	25	0		-	21.58	-		
10	25	12		-	21.68	-		
10	25	25		-	21.64	-		
10	50	0		-	21.59	-		
10	1	0	64-QAM	-	21.76	-	17.59	0.0574
10	1	25		-	21.80	-		
10	1	49		-	21.84	-		
10	25	0		-	20.60	-		
10	25	12		-	20.72	-		
10	25	25		-	20.63	-		
10	50	0		-	20.62	-		
10	1	0	256-QAM	-	18.72	-	14.68	0.0294
10	1	25		-	18.85	-		
10	1	49		-	18.78	-		
10	25	0		-	18.78	-		
10	25	12		-	18.93	-		
10	25	25		-	18.86	-		
10	50	0		-	18.79	-		
Limit	ERP < 7W			Result			Pass	



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LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	21.54	-	19.28	0.0847
5	1	12		-	23.53	-		
5	1	24		-	20.48	-		
5	12	0		-	22.59	-		
5	12	7		-	22.51	-		
5	12	13		-	22.68	-		
5	25	0		-	21.61	-		
5	1	0	16-QAM	-	22.81	-	18.60	0.0724
5	1	12		-	22.85	-		
5	1	24		-	22.77	-		
5	12	0		-	21.55	-		
5	12	7		-	21.60	-		
5	12	13		-	21.61	-		
5	25	0		-	21.51	-		
5	1	0	64-QAM	-	21.61	-	17.63	0.0579
5	1	12		-	21.88	-		
5	1	24		-	21.65	-		
5	12	0		-	20.47	-		
5	12	7		-	20.67	-		
5	12	13		-	20.70	-		
5	25	0		-	20.61	-		
5	1	0	256-QAM	-	18.81	-	14.67	0.0293
5	1	12		-	18.92	-		
5	1	24		-	18.87	-		
5	12	0		-	18.65	-		
5	12	7		-	18.80	-		
5	12	13		-	18.83	-		
5	25	0		-	18.89	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG471511B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	20.40	-	18.38	0.0689
3	1	8		-	20.66	-		
3	1	14		-	20.46	-		
3	8	0		-	22.48	-		
3	8	4		-	22.49	-		
3	8	7		-	22.63	-		
3	15	0		-	21.62	-		
3	1	0	16-QAM	-	22.76	-	18.59	0.0723
3	1	8		-	22.84	-		
3	1	14		-	22.81	-		
3	8	0		-	21.68	-		
3	8	4		-	21.72	-		
3	8	7		-	21.54	-		
3	15	0		-	21.59	-		
3	1	0	64-QAM	-	21.68	-	17.51	0.0564
3	1	8		-	21.66	-		
3	1	14		-	21.76	-		
3	8	0		-	20.59	-		
3	8	4		-	20.64	-		
3	8	7		-	20.55	-		
3	15	0		-	20.57	-		
3	1	0	256-QAM	-	18.69	-	14.65	0.0292
3	1	8		-	18.90	-		
3	1	14		-	18.77	-		
3	8	0		-	18.76	-		
3	8	4		-	18.78	-		
3	8	7		-	18.81	-		
3	15	0		-	18.77	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG471511B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	20.48	-	19.31	0.0853
1.4	1	3		-	20.47	-		
1.4	1	5		-	20.44	-		
1.4	3	0		-	23.56	-		
1.4	3	1		-	23.56	-		
1.4	3	3		-	23.47	-		
1.4	6	0		-	22.61	-		
1.4	1	0	16-QAM	-	22.80	-	18.58	0.0721
1.4	1	3		-	22.83	-		
1.4	1	5		-	22.78	-		
1.4	3	0		-	22.72	-		
1.4	3	1		-	22.57	-		
1.4	3	3		-	22.71	-		
1.4	6	0		-	21.61	-		
1.4	1	0	64-QAM	-	21.78	-	17.53	0.0566
1.4	1	3		-	21.61	-		
1.4	1	5		-	21.76	-		
1.4	3	0		-	21.72	-		
1.4	3	1		-	21.73	-		
1.4	3	3		-	21.54	-		
1.4	6	0		-	20.60	-		
1.4	1	0	256-QAM	-	18.70	-	14.57	0.0286
1.4	1	3		-	18.82	-		
1.4	1	5		-	18.77	-		
1.4	3	0		-	18.63	-		
1.4	3	1		-	18.71	-		
1.4	3	3		-	18.64	-		
1.4	6	0		-	18.75	-		
Limit	ERP < 7W			Result			Pass	



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.04	20.72	20.64	21.17	0.1309
20	1	49		21.00	20.71	20.75		
20	1	99		20.91	20.67	20.76		
20	50	0		20.03	19.72	19.69		
20	50	24		20.10	19.78	19.72		
20	50	50		20.09	19.77	19.85		
20	100	0		20.09	19.78	19.75		
20	1	0	16-QAM	19.98	19.80	19.64	20.21	0.1050
20	1	49		20.08	19.78	19.68		
20	1	99		19.99	19.61	19.74		
20	50	0		19.05	18.74	18.68		
20	50	24		19.10	18.77	18.74		
20	50	50		19.06	18.76	18.87		
20	100	0		19.08	18.81	18.71		
20	1	0	64-QAM	18.94	18.72	18.60	19.12	0.0817
20	1	49		18.99	18.61	18.65		
20	1	99		18.86	18.55	18.70		
20	50	0		17.99	17.72	17.69		
20	50	24		18.10	17.78	17.73		
20	50	50		18.07	17.75	17.84		
20	100	0		18.12	17.77	17.72		
20	1	0	256-QAM	16.01	15.70	15.62	16.14	0.0411
20	1	49		15.95	15.65	15.59		
20	1	99		15.95	15.67	15.58		
20	50	0		15.96	15.65	15.58		
20	50	24		15.98	15.64	15.56		
20	50	50		15.95	15.65	15.55		
20	100	0		15.97	15.70	15.49		
Limit	EIRP < 1W			Result			Pass	



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.92	20.67	20.59	21.05	0.1274
15	1	37		20.88	20.62	20.65		
15	1	74		20.79	20.58	20.66		
15	36	0		19.92	19.64	19.59		
15	36	20		19.98	19.72	19.64		
15	36	39		20.01	19.67	19.74		
15	75	0		19.99	19.67	19.63		
15	1	0	16-QAM	19.86	19.75	19.57	20.10	0.1023
15	1	37		19.97	19.73	19.60		
15	1	74		19.94	19.51	19.68		
15	36	0		18.95	18.66	18.58		
15	36	20		19.05	18.69	18.64		
15	36	39		18.94	18.69	18.81		
15	75	0		18.98	18.72	18.59		
15	1	0	64-QAM	18.83	18.62	18.48	19.03	0.0800
15	1	37		18.90	18.55	18.60		
15	1	74		18.79	18.43	18.61		
15	36	0		17.92	17.66	17.61		
15	36	20		18.01	17.69	17.61		
15	36	39		18.00	17.67	17.73		
15	75	0		18.05	17.65	17.62		
15	1	0	256-QAM	15.92	15.60	15.54	16.05	0.0403
15	1	37		15.87	15.58	15.52		
15	1	74		15.87	15.59	15.47		
15	36	0		15.86	15.53	15.50		
15	36	20		15.89	15.58	15.46		
15	36	39		15.84	15.53	15.46		
15	75	0		15.91	15.51	15.50		
Limit	EIRP < 1W			Result			Pass	



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.94	20.60	20.53	21.07	0.1279
10	1	25		20.89	20.64	20.64		
10	1	49		20.84	20.61	20.66		
10	25	0		19.98	19.66	19.62		
10	25	12		20.03	19.66	19.62		
10	25	25		19.99	19.66	19.75		
10	50	0		20.01	19.68	19.63		
10	1	0	16-QAM	19.87	19.70	19.54	20.09	0.1021
10	1	25		19.96	19.71	19.59		
10	1	49		19.89	19.52	19.67		
10	25	0		18.99	18.66	18.60		
10	25	12		19.02	18.66	18.63		
10	25	25		18.94	18.70	18.79		
10	50	0		18.99	18.73	18.63		
10	1	0	64-QAM	18.89	18.61	18.54	19.02	0.0798
10	1	25		18.88	18.54	18.54		
10	1	49		18.77	18.49	18.61		
10	25	0		17.88	17.64	17.64		
10	25	12		17.98	17.72	17.67		
10	25	25		18.01	17.68	17.78		
10	50	0		18.07	17.67	17.63		
10	1	0	256-QAM	15.90	15.58	15.55	16.03	0.0401
10	1	25		15.83	15.55	15.53		
10	1	49		15.83	15.60	15.46		
10	25	0		15.84	15.54	15.51		
10	25	12		15.87	15.52	15.49		
10	25	25		15.84	15.55	15.52		
10	50	0		15.88	15.53	15.45		
Limit	EIRP < 1W			Result			Pass	



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.93	20.62	20.57	21.07	0.1279
5	1	12		20.94	20.61	20.65		
5	1	24		20.83	20.60	20.69		
5	12	0		19.96	19.65	19.62		
5	12	7		19.99	19.70	19.66		
5	12	13		20.04	19.66	19.80		
5	25	0		19.97	19.71	19.67		
5	1	0	16-QAM	19.89	19.72	19.59	20.13	0.1030
5	1	12		20.00	19.67	19.61		
5	1	24		19.93	19.50	19.66		
5	12	0		18.94	18.62	18.61		
5	12	7		19.03	18.70	18.62		
5	12	13		18.98	18.71	18.76		
5	25	0		18.98	18.69	18.61		
5	1	0	64-QAM	18.83	18.61	18.50	19.05	0.0804
5	1	12		18.92	18.53	18.53		
5	1	24		18.74	18.50	18.64		
5	12	0		17.90	17.64	17.60		
5	12	7		17.99	17.66	17.65		
5	12	13		17.95	17.68	17.72		
5	25	0		18.06	17.65	17.61		
5	1	0	256-QAM	15.89	15.59	15.51	16.02	0.0400
5	1	12		15.88	15.59	15.53		
5	1	24		15.87	15.56	15.51		
5	12	0		15.89	15.54	15.47		
5	12	7		15.87	15.58	15.46		
5	12	13		15.85	15.59	15.49		
5	25	0		15.86	15.57	15.50		
Limit	EIRP < 1W			Result			Pass	



LTE Band 43 Maximum Average Power [dBm] (GT - LC = -1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	20.88	21.03	20.94	19.75	0.0944
20	1	49		20.94	21.02	20.94		
20	1	99		20.88	20.97	20.85		
20	50	0		19.93	19.98	19.98		
20	50	24		20.04	20.05	19.96		
20	50	50		20.00	20.15	20.01		
20	100	0		20.02	20.03	19.94		
20	1	0	16-QAM	19.91	19.99	19.92	18.77	0.0753
20	1	49		20.00	20.03	19.97		
20	1	99		19.88	20.05	19.79		
20	50	0		18.91	19.04	18.98		
20	50	24		19.01	19.05	18.96		
20	50	50		18.99	19.12	19.01		
20	100	0		19.00	19.03	18.94		
20	1	0	64-QAM	18.83	18.84	18.97	17.71	0.0590
20	1	49		18.88	18.99	18.90		
20	1	99		18.79	18.93	18.87		
20	50	0		17.90	18.01	17.96		
20	50	24		17.98	18.02	17.93		
20	50	50		17.99	18.13	18.02		
20	100	0		18.01	18.01	17.93		
20	1	0	256-QAM	15.85	16.06	15.92	14.78	0.0301
20	1	49		15.75	15.98	15.82		
20	1	99		15.76	16.00	15.84		
20	50	0		15.77	15.97	15.85		
20	50	24		15.75	16.01	15.86		
20	50	50		15.79	15.96	15.87		
20	100	0		15.75	15.99	15.87		
Limit	EIRP < 1W			Result			Pass	



LTE Band 43 Maximum Average Power [dBm] (GT - LC = -1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.76	20.91	20.86	19.67	0.0927
15	1	37		20.83	20.95	20.86		
15	1	74		20.80	20.89	20.76		
15	36	0		19.86	19.92	19.89		
15	36	20		19.98	19.96	19.85		
15	36	39		19.93	20.08	19.94		
15	75	0		19.90	19.95	19.86		
15	1	0	16-QAM	19.84	19.87	19.85	18.7	0.0741
15	1	37		19.88	19.92	19.87		
15	1	74		19.77	19.98	19.67		
15	36	0		18.81	18.92	18.90		
15	36	20		18.92	18.93	18.87		
15	36	39		18.88	19.01	18.93		
15	75	0		18.92	18.96	18.82		
15	1	0	64-QAM	18.73	18.74	18.86	17.64	0.0581
15	1	37		18.79	18.92	18.78		
15	1	74		18.68	18.86	18.80		
15	36	0		17.81	17.94	17.88		
15	36	20		17.82	17.93	17.81		
15	36	39		17.96	18.01	17.96		
15	75	0		17.90	17.91	17.85		
15	1	0	256-QAM	15.74	15.93	15.81	14.66	0.0292
15	1	37		15.65	15.85	15.74		
15	1	74		15.64	15.85	15.68		
15	36	0		15.68	15.88	15.75		
15	36	20		15.61	15.94	15.76		
15	36	39		15.63	15.82	15.81		
15	75	0		15.64	15.86	15.73		
Limit	EIRP < 1W			Result			Pass	



LTE Band 43 Maximum Average Power [dBm] (GT - LC = -1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.77	20.97	20.87	19.69	0.0931
10	1	25		20.86	20.92	20.85		
10	1	49		20.78	20.87	20.77		
10	25	0		19.85	19.90	19.87		
10	25	12		19.92	19.98	19.90		
10	25	25		19.92	20.08	19.93		
10	50	0		19.94	19.95	19.86		
10	1	0	16-QAM	19.84	19.93	19.84	18.71	0.0743
10	1	25		19.90	19.96	19.88		
10	1	49		19.77	19.99	19.71		
10	25	0		18.79	18.94	18.90		
10	25	12		18.90	18.95	18.86		
10	25	25		18.88	19.02	18.91		
10	50	0		18.94	18.94	18.83		
10	1	0	64-QAM	18.73	18.76	18.89	17.61	0.0577
10	1	25		18.80	18.88	18.81		
10	1	49		18.69	18.81	18.80		
10	25	0		17.80	17.95	17.90		
10	25	12		17.91	17.91	17.86		
10	25	25		17.87	18.07	17.95		
10	50	0		17.93	17.95	17.83		
10	1	0	256-QAM	15.71	15.93	15.81	14.65	0.0292
10	1	25		15.68	15.84	15.69		
10	1	49		15.63	15.90	15.77		
10	25	0		15.61	15.90	15.76		
10	25	12		15.60	15.92	15.74		
10	25	25		15.66	15.88	15.78		
10	50	0		15.62	15.89	15.79		
Limit	EIRP < 1W			Result			Pass	



LTE Band 43 Maximum Average Power [dBm] (GT - LC = -1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.79	20.91	20.82	19.68	0.0929
5	1	12		20.87	20.96	20.87		
5	1	24		20.78	20.91	20.75		
5	12	0		19.84	19.92	19.87		
5	12	7		19.98	19.94	19.85		
5	12	13		19.91	20.04	19.93		
5	25	0		19.94	19.92	19.87		
5	1	0	16-QAM	19.81	19.88	19.82	18.68	0.0738
5	1	12		19.91	19.96	19.85		
5	1	24		19.82	19.95	19.70		
5	12	0		18.79	18.98	18.92		
5	12	7		18.92	18.95	18.90		
5	12	13		18.87	19.02	18.93		
5	25	0		18.92	18.96	18.86		
5	1	0	64-QAM	18.75	18.72	18.86	17.64	0.0581
5	1	12		18.76	18.92	18.83		
5	1	24		18.70	18.85	18.76		
5	12	0		17.78	17.90	17.89		
5	12	7		17.86	17.91	17.81		
5	12	13		17.91	18.01	17.94		
5	25	0		17.94	17.94	17.87		
5	1	0	256-QAM	15.71	15.95	15.86	14.67	0.0293
5	1	12		15.67	15.83	15.75		
5	1	24		15.70	15.84	15.68		
5	12	0		15.66	15.82	15.77		
5	12	7		15.63	15.88	15.75		
5	12	13		15.67	15.90	15.72		
5	25	0		15.65	15.91	15.78		
Limit	EIRP < 1W			Result			Pass	



LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 3.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	24.20	24.06	24.42	27.82	0.6053
20+20	1	99	1	0	16-QAM	23.23	23.66	23.27	27.06	0.5082
20+15	1	74	1	0	QPSK	24.20	24.34	24.25	27.74	0.5943
20+15	1	74	1	0	16-QAM	23.63	23.53	23.43	27.03	0.5047
15+20	1	74	1	0	QPSK	24.24	24.20	24.02	27.64	0.5808
15+20	1	74	1	0	16-QAM	23.26	23.29	23.36	26.76	0.4742
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 3.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	24.36	24.12	24.12	27.76	0.5970
20+10	1	99	1	0	16-QAM	23.54	23.38	23.50	26.94	0.4943
10+20	1	49	1	0	QPSK	24.26	24.10	24.03	27.66	0.5834
10+20	1	49	1	0	16-QAM	23.49	23.52	23.41	26.92	0.4920
20+5	1	99	1	0	QPSK	24.24	24.05	24.35	27.75	0.5957
20+5	1	99	1	0	16-QAM	23.31	23.33	23.24	26.73	0.4710
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 3.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	24.15	24.56	24.16	27.96	0.6252
5+20	1	24	1	0	16-QAM	23.45	23.36	23.30	26.85	0.4842
Limit	EIRP < 2W					Result			Pass	



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Report No. : FG471511B

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 3.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	1	74	1	0	QPSK	24.14	24.23	24.10	27.63	0.5794
15+10	1	74	1	0	16-QAM	23.39	23.46	23.33	26.86	0.4853
10+15	1	49	1	0	QPSK	24.20	24.25	24.11	27.65	0.5821
10+15	1	49	1	0	16-QAM	23.58	23.61	23.50	27.01	0.5023
15+15	1	74	1	0	QPSK	24.14	24.03	24.10	27.54	0.5675
15+15	1	74	1	0	16-QAM	23.30	23.26	23.33	26.73	0.4710
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG471511B

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	1	49	1	0	QPSK	24.27	24.45	24.46	20.21	0.1050
10+10	1	49	1	0	16-QAM	23.62	23.37	23.60	19.37	0.0865
10+5	1	49	1	0	QPSK	24.44	24.46	24.77	20.52	0.1127
10+5	1	49	1	0	16-QAM	23.53	23.82	23.58	19.57	0.0906
5+10	1	24	1	0	QPSK	24.27	24.47	24.58	20.33	0.1079
5+10	1	24	1	0	16-QAM	23.79	23.63	23.65	19.54	0.0899
Limit	ERP < 7W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	1	24	1	0	QPSK	24.05	24.73	24.36	20.48	0.1117
5+3	1	24	1	0	16-QAM	23.59	23.68	23.86	19.61	0.0914
3+5	1	14	1	0	QPSK	24.59	24.57	24.38	20.45	0.1109
3+5	1	14	1	0	16-QAM	24.34	23.29	24.02	20.09	0.1021
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.04 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	1	49	1	0	QPSK	24.18	24.20	24.19	25.24	0.3342
10+10	1	49	1	0	16-QAM	23.41	23.45	23.42	24.49	0.2812
15+5	1	74	1	0	QPSK	24.32	24.82	24.15	25.86	0.3855
15+5	1	74	1	0	16-QAM	23.60	23.54	23.51	24.64	0.2911
5+15	1	24	1	0	QPSK	24.42	24.35	24.23	25.46	0.3516
5+15	1	24	1	0	16-QAM	23.71	23.59	23.53	24.75	0.2985
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.04 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	1	49	1	0	QPSK	24.61	24.24	24.32	25.65	0.3673
10+5	1	49	1	0	16-QAM	23.50	23.22	23.42	24.54	0.2844
5+10	1	24	1	0	QPSK	24.22	24.30	24.26	25.34	0.3420
5+10	1	24	1	0	16-QAM	23.37	23.60	23.53	24.64	0.2911
5+5	1	24	1	0	QPSK	24.35	24.60	24.38	25.64	0.3664
5+5	1	24	1	0	16-QAM	23.55	23.59	23.63	24.67	0.2931
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.04 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	24.13	24.41	24.63	25.67	0.3690
20+20	1	99	1	0	16-QAM	23.48	23.57	23.41	24.61	0.2891
20+15	1	74	1	0	QPSK	24.36	24.24	24.18	25.40	0.3467
20+15	1	74	1	0	16-QAM	23.52	23.55	23.57	24.61	0.2891
15+20	1	74	1	0	QPSK	24.13	24.31	24.14	25.35	0.3428
15+20	1	74	1	0	16-QAM	23.65	23.56	23.55	24.69	0.2944
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.04 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	24.13	24.18	24.46	25.50	0.3548
20+10	1	99	1	0	16-QAM	23.44	23.51	23.58	24.62	0.2897
10+20	1	49	1	0	QPSK	24.13	24.02	24.29	25.33	0.3412
10+20	1	49	1	0	16-QAM	23.43	23.51	23.61	24.65	0.2917
20+5	1	99	1	0	QPSK	24.37	24.12	24.24	25.41	0.3475
20+5	1	99	1	0	16-QAM	23.60	23.72	23.42	24.76	0.2992
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.04 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	24.22	24.19	24.20	25.26	0.3357
5+20	1	24	1	0	16-QAM	23.42	23.38	23.51	24.55	0.2851
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.04 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	1	74	1	0	QPSK	24.14	24.08	24.07	25.18	0.3296
15+10	1	74	1	0	16-QAM	23.47	23.47	23.28	24.51	0.2825
10+15	1	49	1	0	QPSK	24.13	24.19	24.12	25.23	0.3334
10+15	1	49	1	0	16-QAM	23.39	23.45	23.56	24.60	0.2884
15+15	1	74	1	0	QPSK	24.11	24.12	24.22	25.26	0.3357
15+15	1	74	1	0	16-QAM	23.41	23.33	23.47	24.51	0.2825
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.19 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	24.25	24.41	24.47	24.28	0.2679
20+20	1	99	1	0	16-QAM	23.62	23.85	23.66	23.66	0.2323
20+15	1	99	1	0	QPSK	24.25	24.34	24.40	24.21	0.2636
20+15	1	99	1	0	16-QAM	23.92	23.78	23.73	23.73	0.2360
15+20	1	74	1	0	QPSK	24.20	24.42	24.71	24.52	0.2831
15+20	1	74	1	0	16-QAM	23.53	23.70	21.52	23.51	0.2244
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.19 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	24.33	24.38	24.45	24.26	0.2667
20+10	1	99	1	0	16-QAM	23.59	23.75	23.78	23.59	0.2286
10+20	1	49	1	0	QPSK	24.17	24.44	24.44	24.25	0.2661
10+20	1	49	1	0	16-QAM	23.62	23.74	23.65	23.55	0.2265
15+15	1	74	1	0	QPSK	24.28	24.50	24.41	24.31	0.2698
15+15	1	74	1	0	16-QAM	23.74	23.70	23.66	23.55	0.2265
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.19 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	1	74	1	0	QPSK	24.21	24.56	24.29	24.37	0.2735
15+10	1	74	1	0	16-QAM	23.69	23.66	23.81	23.62	0.2301
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG471511B

LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = -0.58 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	24.59	24.55	24.57	24.01	0.2518
20+20	1	99	1	0	16-QAM	24.02	23.95	23.96	23.44	0.2208
15+15	1	74	1	0	QPSK	24.60	24.59	24.59	24.02	0.2523
15+15	1	74	1	0	16-QAM	24.02	24.09	23.98	23.51	0.2244
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.31 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	26.38	26.55	26.24	26.86	0.4853
20+20	1	99	1	0	16-QAM	25.39	25.36	25.19	25.70	0.3715
20+15	1	99	1	0	QPSK	26.41	26.53	26.21	26.84	0.4831
20+15	1	99	1	0	16-QAM	25.36	25.51	25.43	25.82	0.3819
15+20	1	74	1	0	QPSK	26.41	26.44	26.23	26.75	0.4732
15+20	1	74	1	0	16-QAM	25.36	25.49	25.08	25.80	0.3802
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.31 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	26.40	26.55	26.20	26.86	0.4853
20+10	1	99	1	0	16-QAM	25.60	25.57	25.31	25.91	0.3899
10+20	1	49	1	0	QPSK	26.39	26.50	26.26	26.81	0.4797
10+20	1	49	1	0	16-QAM	25.43	25.52	25.11	25.83	0.3828
20+5	1	99	1	0	QPSK	26.40	26.61	26.24	26.92	0.4920
20+5	1	99	1	0	16-QAM	25.41	25.51	25.21	25.82	0.3819
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.31 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	26.47	26.61	26.34	26.92	0.4920
5+20	1	24	1	0	16-QAM	25.32	25.53	25.29	25.84	0.3837
15+10	1	74	1	0	QPSK	26.45	26.55	26.22	26.86	0.4853
15+10	1	74	1	0	16-QAM	25.04	25.44	25.08	25.75	0.3758
10+15	1	49	1	0	QPSK	26.39	26.55	26.28	26.86	0.4853
10+15	1	49	1	0	16-QAM	25.08	25.53	25.21	25.84	0.3837
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.31 dB)										
15+15	1	74	1	0	QPSK	26.41	26.52	26.19	26.83	0.4819
15+15	1	74	1	0	16-QAM	25.36	25.64	25.14	25.95	0.3936
Limit	EIRP < 2W					Result			Pass	



LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 0.13 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	21.49	21.57	21.44	21.70	0.1479
20+20	1	99	1	0	16-QAM	21.03	21.23	20.98	21.36	0.1368
20+15	1	74	1	0	QPSK	21.66	21.55	21.66	21.79	0.1510
20+15	1	74	1	0	16-QAM	21.22	21.15	21.35	21.48	0.1406
15+20	1	74	1	0	QPSK	21.59	21.77	21.83	21.96	0.1570
15+20	1	74	1	0	16-QAM	21.50	20.69	20.99	21.63	0.1455
Limit	EIRP < 1W					Result			Pass	

LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 0.13 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	21.58	21.76	21.43	21.89	0.1545
20+10	1	99	1	0	16-QAM	21.22	21.27	21.42	21.55	0.1429
10+20	1	49	1	0	QPSK	21.64	21.59	21.66	21.79	0.1510
10+20	1	49	1	0	16-QAM	21.14	21.04	21.04	21.27	0.1340
20+5	1	99	1	0	QPSK	21.75	21.86	21.59	21.99	0.1581
20+5	1	99	1	0	16-QAM	21.30	21.34	21.02	21.47	0.1403
Limit	EIRP < 1W					Result			Pass	

LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 0.13 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	21.95	21.78	21.50	22.08	0.1614
5+20	1	24	1	0	16-QAM	21.18	21.10	21.08	21.31	0.1352
Limit	EIRP < 1W					Result			Pass	



LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = -1.28 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	21.91	21.95	21.99	20.71	0.1178
20+20	1	99	1	0	16-QAM	21.65	21.53	21.42	20.37	0.1089
20+15	1	74	1	0	QPSK	21.99	21.90	21.93	20.71	0.1178
20+15	1	74	1	0	16-QAM	21.61	21.46	21.47	20.33	0.1079
15+20	1	74	1	0	QPSK	21.98	21.91	21.97	20.70	0.1175
15+20	1	74	1	0	16-QAM	21.64	21.54	21.41	20.36	0.1086
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = -1.28 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	21.92	21.91	21.93	20.65	0.1161
20+10	1	99	1	0	16-QAM	21.60	21.54	21.41	20.32	0.1076
10+20	1	49	1	0	QPSK	21.93	21.94	21.91	20.66	0.1164
10+20	1	49	1	0	16-QAM	21.67	21.60	21.52	20.39	0.1094
20+5	1	99	1	0	QPSK	21.95	21.92	21.95	20.67	0.1167
20+5	1	99	1	0	16-QAM	21.68	21.47	21.43	20.40	0.1096
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = -1.28 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	21.93	21.94	21.95	20.67	0.1167
5+20	1	24	1	0	16-QAM	21.74	21.59	21.53	20.46	0.1112
15+10	1	74	1	0	QPSK	22.20	22.11	22.06	20.92	0.1236
15+10	1	74	1	0	16-QAM	21.48	21.48	21.43	20.2	0.1047
10+15	1	49	1	0	QPSK	22.24	22.18	22.09	20.96	0.1247
10+15	1	49	1	0	16-QAM	21.62	21.58	21.36	20.34	0.1081
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = -1.28 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	1	74	1	0	QPSK	22.25	22.14	22.08	20.97	0.1250
15+15	1	74	1	0	16-QAM	21.55	21.48	21.41	20.27	0.1064
Limit	EIRP < 1W					Result			Pass	



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp/Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
2	Part 22H	LTE B5	M	2496	-43.18	RMS	26.70	-23.70	0.31	-95.23	48.74	-13.00	-30.18	V	0
3	Part 22H	LTE CA 5B	M	2510	-39.84	RMS	26.80	-23.68	0.31	-95.23	51.96	-13.00	-26.84	V	0
4	Part 22H	LTE B26	M	2490	-52.91	RMS	26.70	-23.71	0.31	-95.23	39.02	-13.00	-39.91	H	0
2	Part 24E	LTE B2	L	5553	-35.37	RMS	32.81	-20.97	0.69	-95.23	47.33	-13.00	-22.37	H	0
3	Part 24E	LTE CA 2C	L	5606	-36.24	RMS	32.94	-20.94	0.67	-95.23	46.32	-13.00	-23.24	H	0
4	Part 24E	LTE B25	H	5688	-36.43	RMS	33.58	-20.88	0.65	-95.23	45.45	-13.00	-23.43	V	0
1	Part 27D	LTE B30	H	6931	-52.96	RMS	36.64	-20.61	0.57	-95.23	25.67	-40.00	-12.96	V	0
1	Part 27M	LTE B7	H	10204	-54.17	RMS	37.40	-20.58	0.63	-95.23	23.61	-25.00	-29.17	H	0
2	Part 27M	LTE CA 7C	H	7646	-46.03	RMS	36.99	-20.36	0.59	-95.23	31.98	-25.00	-21.03	V	0
3	Part 27M	LTE B38	M	10344	-53.57	RMS	37.40	-20.63	0.64	-95.23	24.25	-25.00	-28.57	V	0
4	Part 27M	LTE CA 38C	M	7781	-49.78	RMS	36.92	-20.36	0.58	-95.23	28.31	-25.00	-24.78	H	0
5	Part 27M	LTE B41	H	8013	-52.27	RMS	37.03	-20.46	0.57	-95.23	25.82	-25.00	-27.27	H	0
6	Part 27M	LTE CA 41C	H	8010	-52.52	RMS	37.02	-20.46	0.57	-95.23	25.58	-25.00	-27.52	V	0
1	Part 27Q	LTE B42	H	14124	-48.92	RMS	42.00	-20.62	0.46	-95.23	24.47	-13.00	-35.92	H	0
2	Part 27Q	LTE CA 42C	H	10586	-45.46	RMS	37.40	-20.65	0.51	-95.23	32.51	-13.00	-32.46	H	0
1	Part 27O	LTE B43	L	14804	-48.66	RMS	42.19	-21.14	0.50	-95.23	25.02	-13.00	-35.66	V	0
2	Part 27O	LTE CA 43C	H	15122	-48.41	RMS	41.91	-21.28	0.52	-95.23	25.67	-13.00	-35.41	H	0
1	Part 27N	LTE B71	M	2022	-48.17	RMS	26.28	-24.29	0.49	-95.23	44.58	-13.00	-35.17	V	0
1	Part 27H	LTE B12	M	2109	-55.66	RMS	26.20	-24.18	0.52	-95.23	37.03	-13.00	-42.66	H	0
2	Part 27H	LTE B17	M	2116	-52.54	RMS	26.20	-24.17	0.53	-95.23	40.14	-13.00	-39.54	H	0
1	Part 27F	LTE B13	M	2333	-50.70	RMS	26.97	-23.90	0.00	-95.23	41.46	-13.00	-37.70	V	0
2	Part 27L	LTE B4	M	5170	-36.54	RMS	32.66	-20.94	0.62	-95.23	46.35	-13.00	-23.54	V	0



Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
3	Part 27L	LTE B66	M	5208	-31.27	RMS	32.57	-20.92	0.62	-95.23	51.69	-13.00	-18.27	V	0
4	Part 27L	LTE CA 66B	M	5263	-35.69	RMS	32.37	-20.94	0.66	-95.23	47.45	-13.00	-22.69	V	0
5	Part 27L	LTE CA 66C	M	5262	-35.48	RMS	32.38	-20.94	0.66	-95.23	47.65	-13.00	-22.48	V	0
1	Part 90R	LTE B14	M	1577	-55.99	RMS	24.40	-24.98	0.44	-95.23	39.38	-42.15	-13.84	H	0
1	Part 90S	LTE B26	M	2444	-53.62	RMS	26.74	-23.77	0.33	-95.23	38.31	-13.00	-40.62	V	0

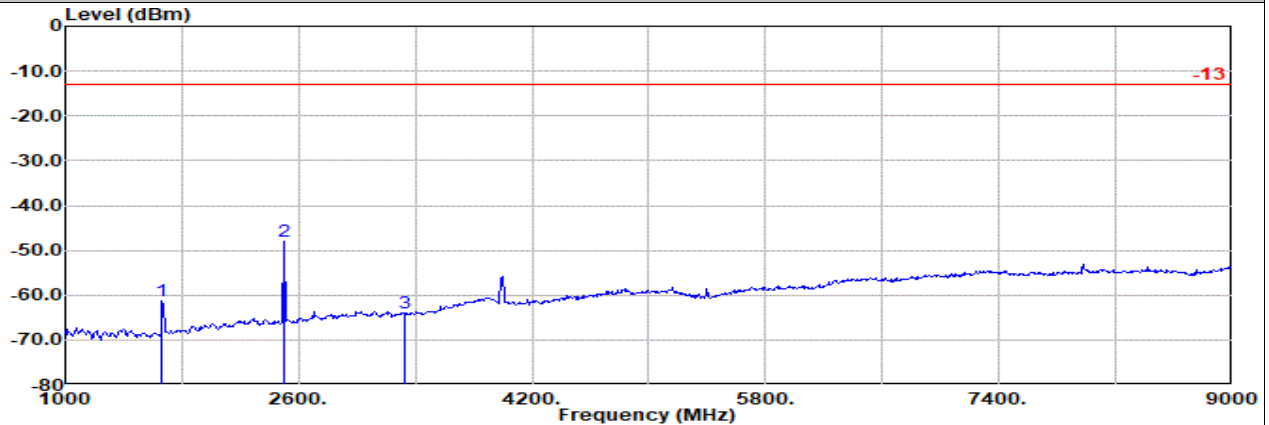


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Part 22H Mode 2

LTE B5 10M Ch20525 1RB0 QPSK

M

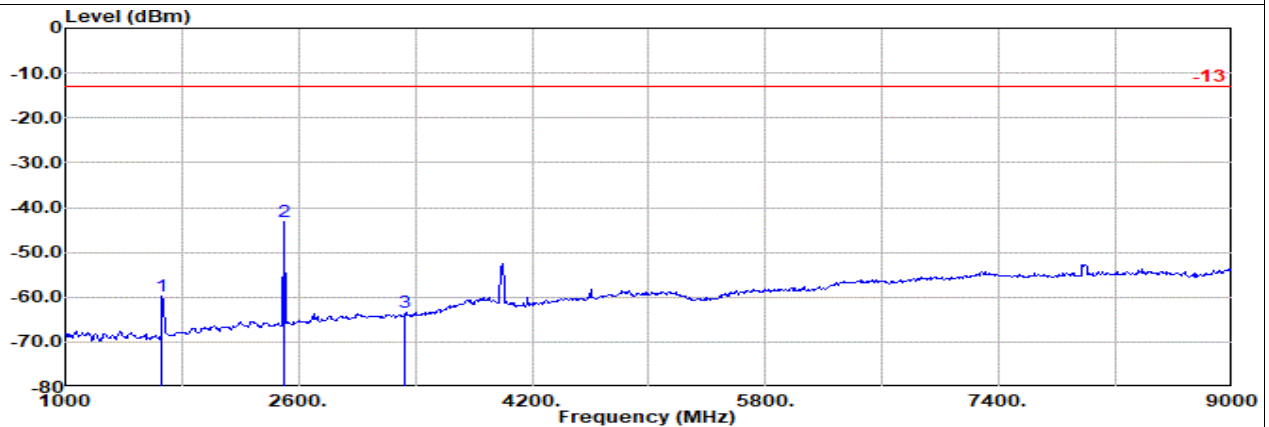


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 5 10M Ch20525 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	1664.00	-61.39	RMS	24.50	-24.85	0.52	-95.23	33.67	-13.00	-48.39	Horizontal			
2	2496.00	-48.08	RMS	26.70	-23.70	0.31	-95.23	43.84	-13.00	-35.08	Horizontal			
3	3328.00	-63.91	RMS	28.36	-22.75	0.27	-95.23	25.44	-13.00	-50.91	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 5 10M Ch20525 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	1664.00	-59.89	RMS	24.50	-24.85	0.52	-95.23	35.17	-13.00	-46.89	Vertical			
2	2496.00	-43.18	RMS	26.70	-23.70	0.31	-95.23	48.74	-13.00	-30.18	Vertical			
3	3328.00	-63.29	RMS	28.36	-22.75	0.27	-95.23	26.06	-13.00	-50.29	Vertical			

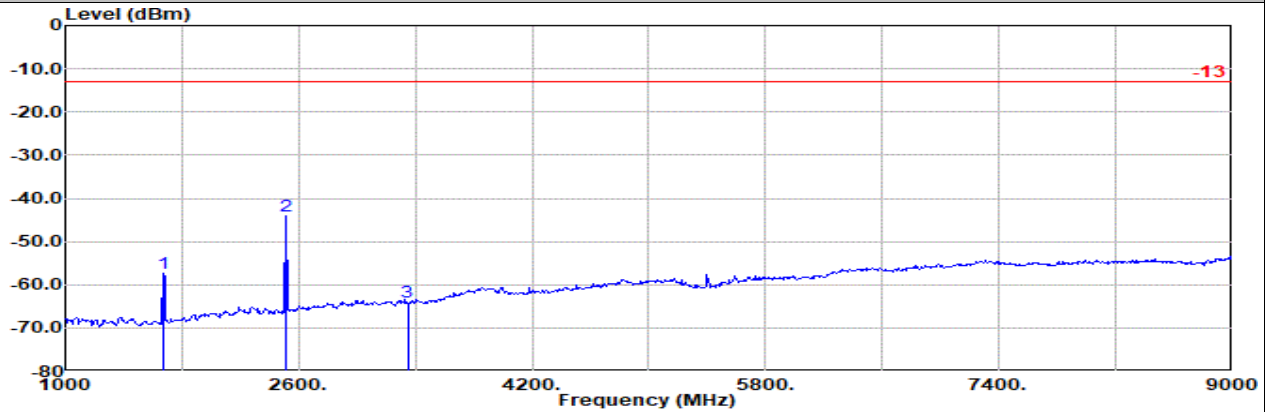


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Part 22H Mode 3

LTE CA 5B Ch20476 + Ch20575

M



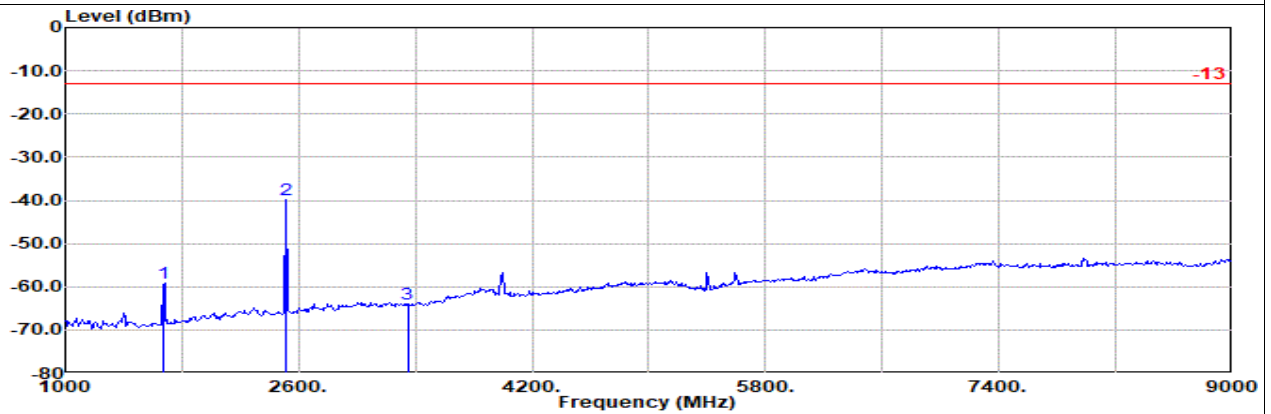
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 5 10M Ch20476 1RB49 QPSK

: LTE Band 5 10M Ch20575 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
					dB/m	dB						
1	1673.00	-57.23	RMS	24.53	-24.83	0.53	-95.23	37.77	-13.00	-44.23	Horizontal	
2	2510.00	-44.21	RMS	26.80	-23.68	0.31	-95.23	47.59	-13.00	-31.21	Horizontal	
3	3346.00	-63.90	RMS	28.39	-22.74	0.26	-95.23	25.42	-13.00	-50.90	Horizontal	



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 5 10M Ch20476 1RB49 QPSK

: LTE Band 5 10M Ch20575 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
					dB/m	dB						
1	1673.00	-59.14	RMS	24.53	-24.83	0.53	-95.23	35.86	-13.00	-46.14	Vertical	
2	2510.00	-39.84	RMS	26.80	-23.68	0.31	-95.23	51.96	-13.00	-26.84	Vertical	
3	3346.00	-63.86	RMS	28.39	-22.74	0.26	-95.23	25.46	-13.00	-50.86	Vertical	

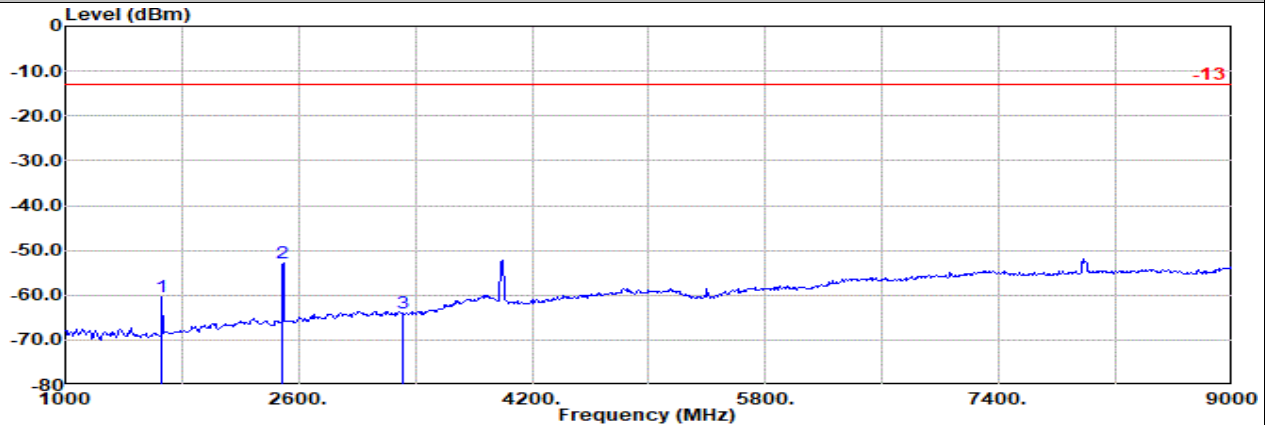


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Part 22H Mode 4

LTE B26 15M Ch26915 1RB0 QPSK

M

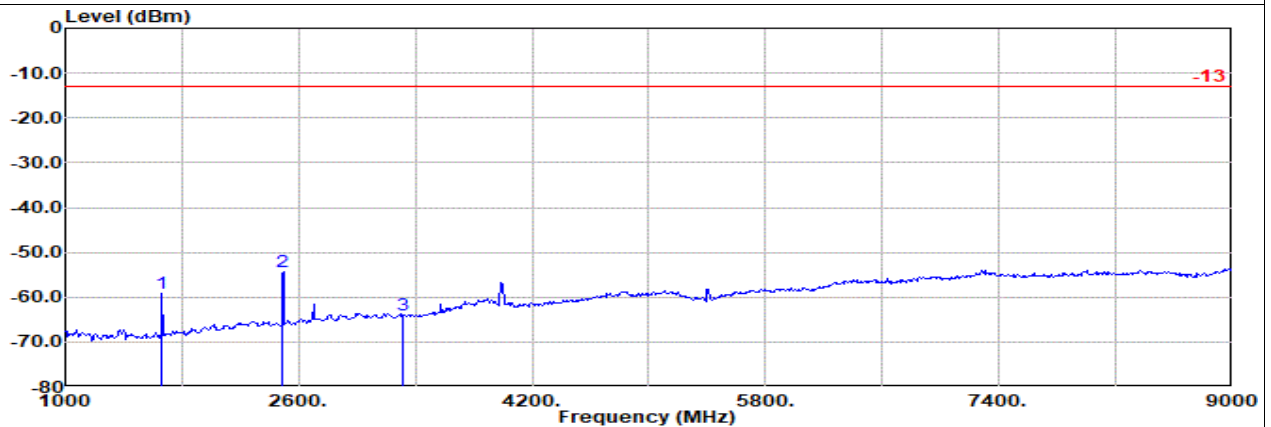


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE B26 15M Ch26915 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dB		dBm	dB		
1	1660.00	-60.33	RMS	24.50	-24.85	0.51	-95.23	34.74	-13.00	-47.33	Horizontal		
2	2490.00	-52.91	RMS	26.70	-23.71	0.31	-95.23	39.02	-13.00	-39.91	Horizontal		
3	3319.00	-64.07	RMS	28.34	-22.75	0.27	-95.23	25.30	-13.00	-51.07	Horizontal		



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE B26 15M Ch26915 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dB		dBm	dB		
1	1660.00	-59.09	RMS	24.50	-24.85	0.51	-95.23	35.98	-13.00	-46.09	Vertical		
2	2490.00	-54.28	RMS	26.70	-23.71	0.31	-95.23	37.65	-13.00	-41.28	Vertical		
3	3319.00	-64.10	RMS	28.34	-22.75	0.27	-95.23	25.27	-13.00	-51.10	Vertical		

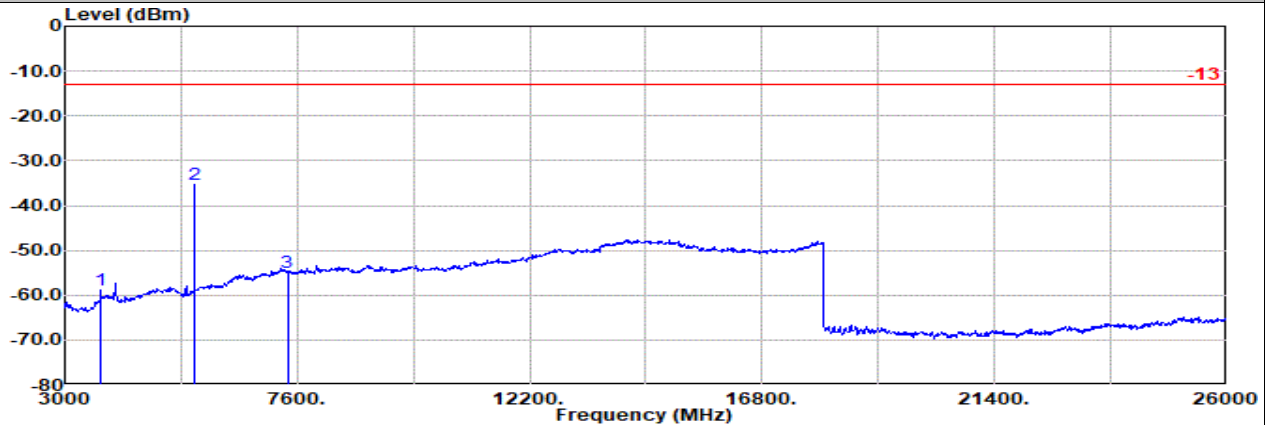


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Part 24E Mode 2

LTE B2 20M Ch18700 1RB0 QPSK

L

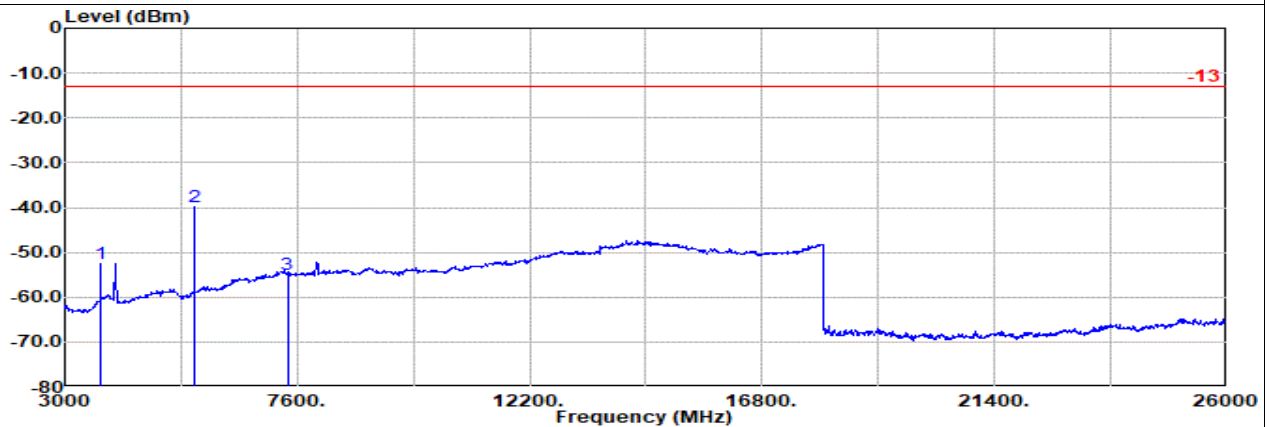


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 2 20M Ch18700 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB		
1	3702.00	-58.79	RMS	29.61	-22.49	1.08	-95.23	28.24	-13.00	-45.79	Horizontal			
2	5553.00	-35.37	RMS	32.81	-20.97	0.69	-95.23	47.33	-13.00	-22.37	Horizontal			
3	7404.00	-54.98	RMS	37.12	-20.43	0.64	-95.23	22.92	-13.00	-41.98	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 2 20M Ch18700 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB		
1	3702.00	-52.50	RMS	29.61	-22.49	1.08	-95.23	34.53	-13.00	-39.50	Vertical			
2	5553.00	-39.88	RMS	32.81	-20.97	0.69	-95.23	42.82	-13.00	-26.88	Vertical			
3	7404.00	-54.86	RMS	37.12	-20.43	0.64	-95.23	23.04	-13.00	-41.86	Vertical			

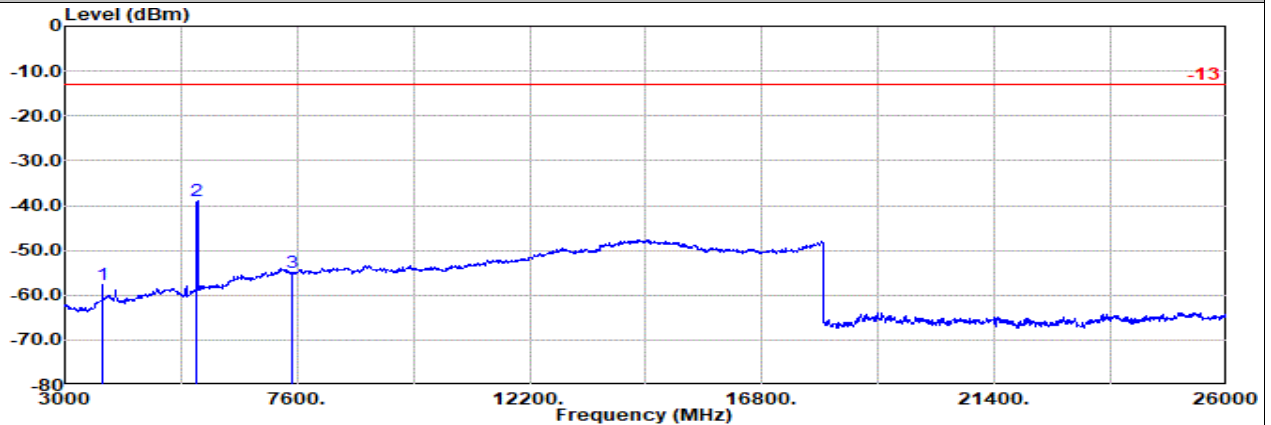


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Part 24E Mode 2

LTE B2 20M Ch18900 1RB0 QPSK

M

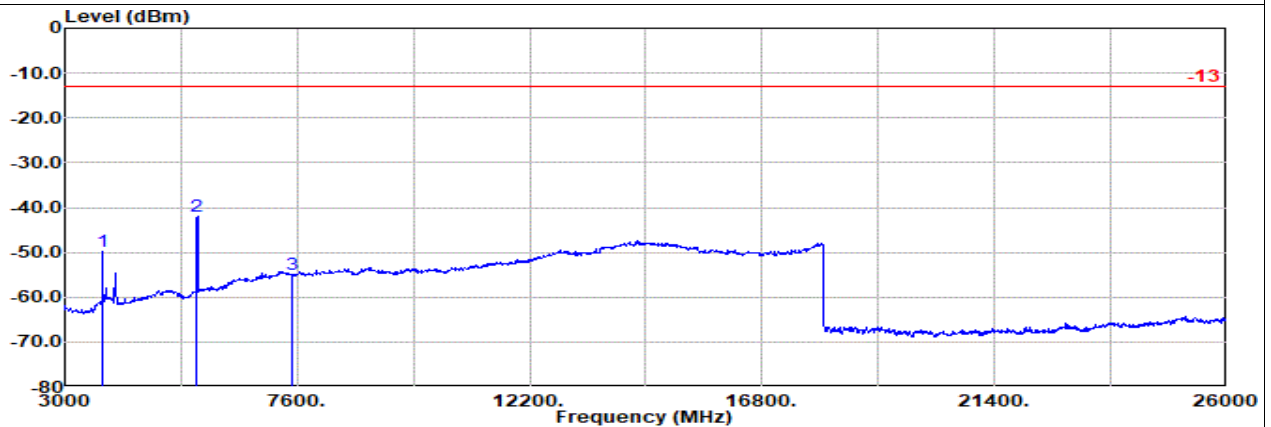


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 2 20M Ch18900 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3742.00	-57.72	RMS	29.85	-22.46	1.04	-95.23	29.08	-13.00	-44.72	Horizontal			
2	5613.00	-39.02	RMS	32.98	-20.94	0.67	-95.23	43.50	-13.00	-26.02	Horizontal			
3	7484.00	-55.04	RMS	37.16	-20.38	0.62	-95.23	22.79	-13.00	-42.04	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 2 20M Ch18900 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3742.00	-49.95	RMS	29.85	-22.46	1.04	-95.23	36.85	-13.00	-36.95	Vertical			
2	5613.00	-42.02	RMS	32.98	-20.94	0.67	-95.23	40.50	-13.00	-29.02	Vertical			
3	7484.00	-55.08	RMS	37.16	-20.38	0.62	-95.23	22.75	-13.00	-42.08	Vertical			

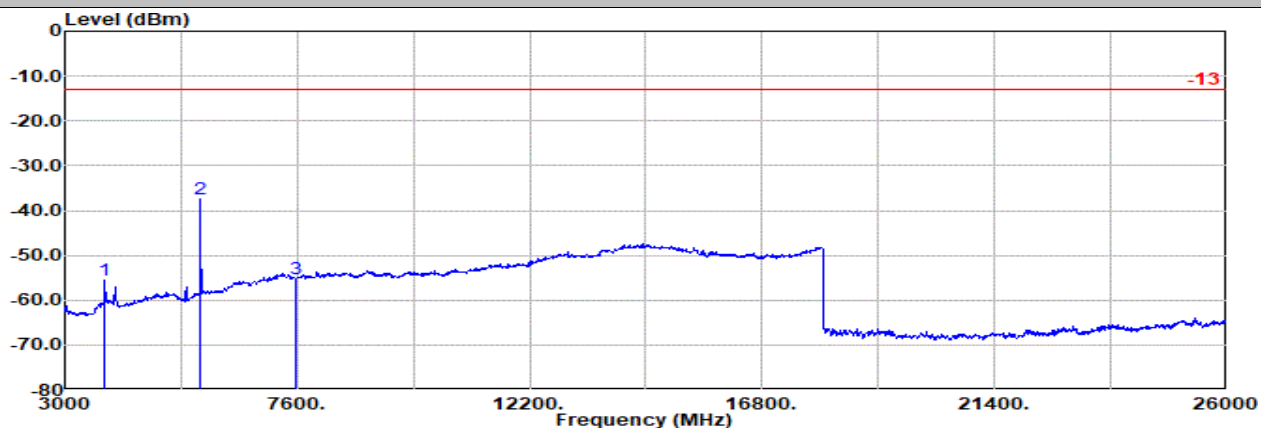


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Part 24E Mode 2

LTE B2 20M Ch19100 1RB0 QPSK

H

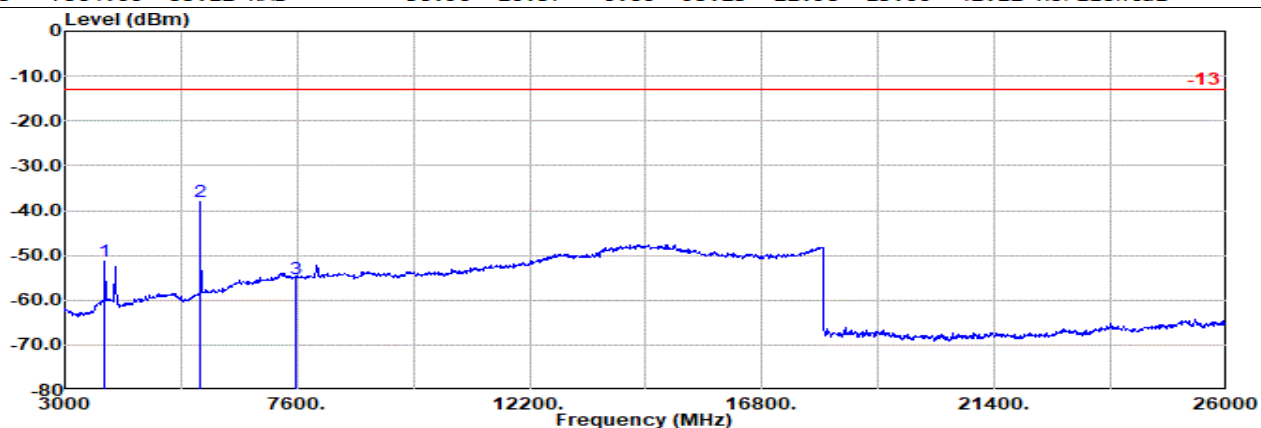


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 2 20M Ch19100 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			g			
	MHz	dBm									
1	3782.00	-55.64	RMS	30.03	-22.42	1.00	-95.23	30.98	-13.00	-42.64	Horizontal
2	5673.00	-37.54	RMS	33.43	-20.89	0.66	-95.23	44.49	-13.00	-24.54	Horizontal
3	7564.00	-55.12	RMS	36.90	-20.37	0.60	-95.23	22.98	-13.00	-42.12	Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 2 20M Ch19100 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			g			
	MHz	dBm									
1	3782.00	-51.40	RMS	30.03	-22.42	1.00	-95.23	35.22	-13.00	-38.40	Vertical
2	5673.00	-38.16	RMS	33.43	-20.89	0.66	-95.23	43.87	-13.00	-25.16	Vertical
3	7564.00	-55.28	RMS	36.90	-20.37	0.60	-95.23	22.82	-13.00	-42.28	Vertical

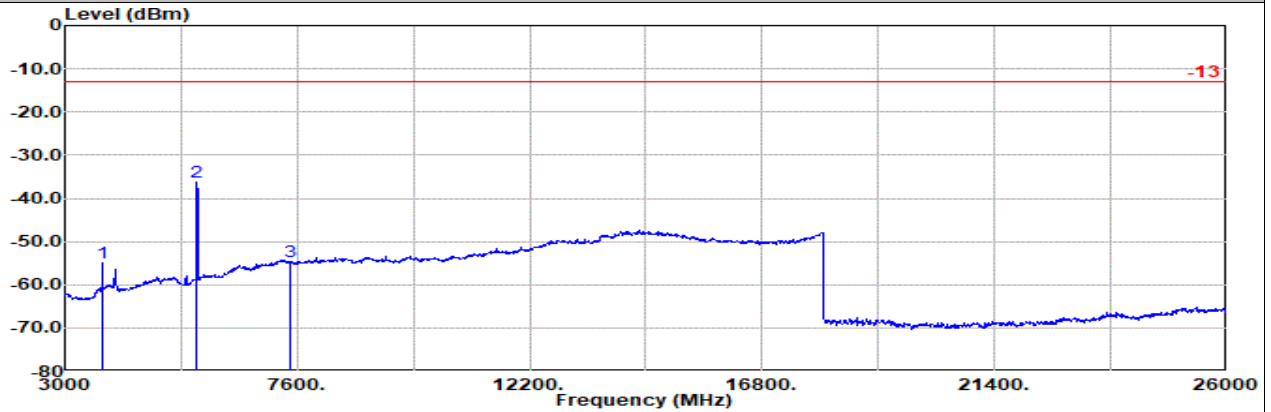


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Part 24E Mode 3

LTE CA 2C Ch18700 + Ch18898

L



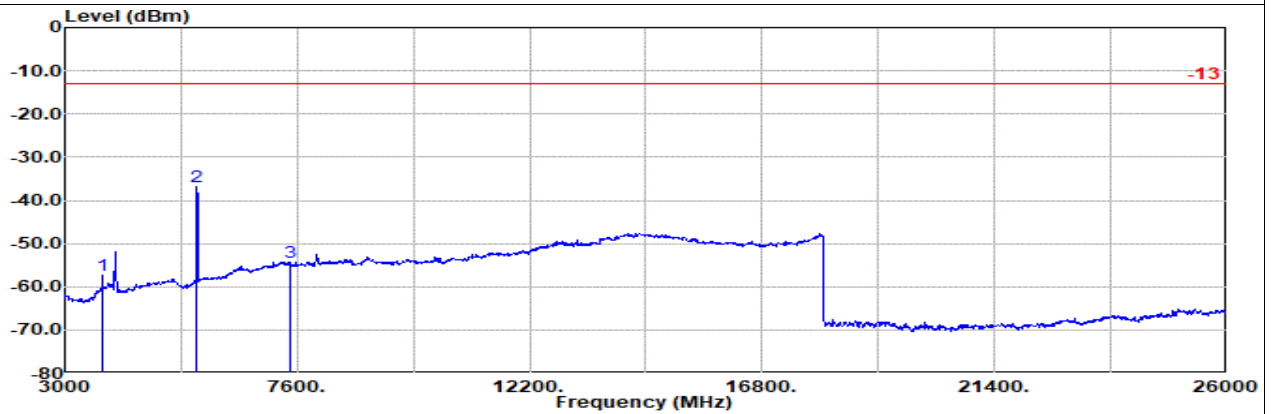
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 2 20M Ch18700 1RB99 QPSK

: LTE Band 2 20M Ch18898 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3737.00	-54.92	RMS	29.82	-22.46	1.04	-95.23	31.91	-13.00	-41.92 Horizontal
2	5606.00	-36.24	RMS	32.94	-20.94	0.67	-95.23	46.32	-13.00	-23.24 Horizontal
3	7475.00	-54.73	RMS	37.20	-20.39	0.62	-95.23	23.07	-13.00	-41.73 Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 2 20M Ch18700 1RB99 QPSK

: LTE Band 2 20M Ch18898 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3737.00	-57.27	RMS	29.82	-22.46	1.04	-95.23	29.56	-13.00	-44.27 Vertical
2	5606.00	-36.93	RMS	32.94	-20.94	0.67	-95.23	45.63	-13.00	-23.93 Vertical
3	7475.00	-54.19	RMS	37.20	-20.39	0.62	-95.23	23.61	-13.00	-41.19 Vertical

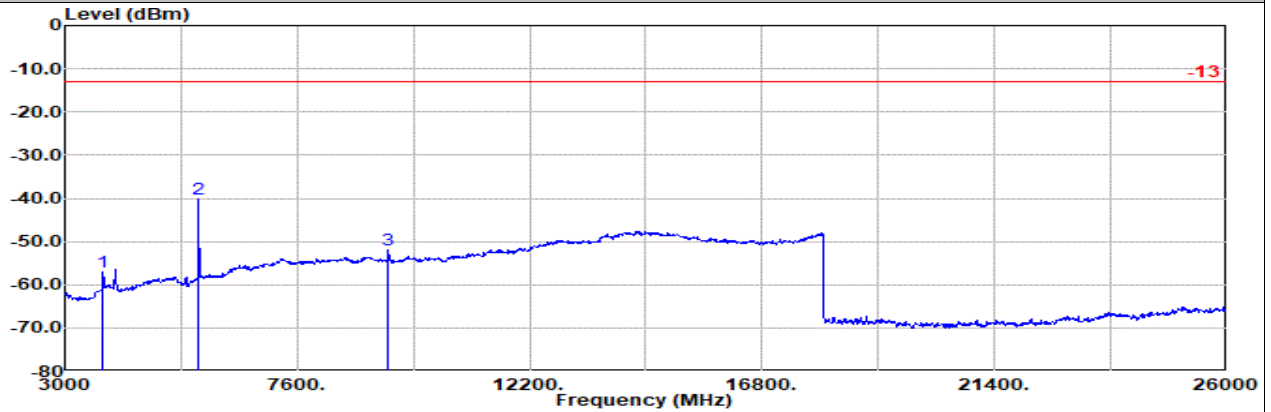


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Part 24E Mode 3

LTE CA 2C Ch18801 + Ch18999

M



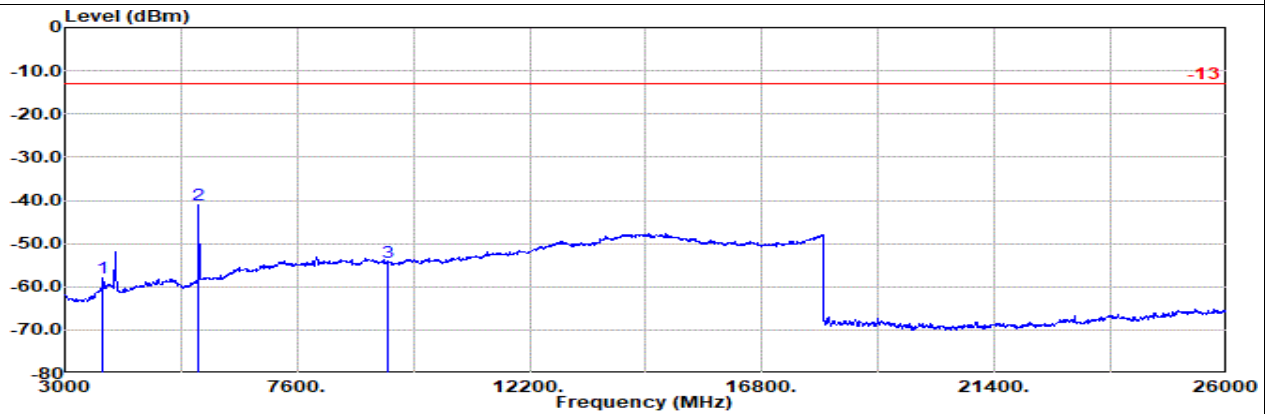
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 2 20M Ch18801 1RB99 QPSK

: LTE Band 2 20M Ch18999 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3758.00	-57.20	RMS	29.93	-22.44	1.02	-95.23	29.52	-13.00	-44.20	Horizontal			
2	5637.00	-40.04	RMS	33.12	-20.92	0.66	-95.23	42.33	-13.00	-27.04	Horizontal			
3	9395.00	-51.81	RMS	37.27	-20.73	0.59	-95.23	26.29	-13.00	-38.81	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 2 20M Ch18801 1RB99 QPSK

: LTE Band 2 20M Ch18999 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3758.00	-57.91	RMS	29.93	-22.44	1.02	-95.23	28.81	-13.00	-44.91	Vertical			
2	5637.00	-41.00	RMS	33.12	-20.92	0.66	-95.23	41.37	-13.00	-28.00	Vertical			
3	9395.00	-54.30	RMS	37.27	-20.73	0.59	-95.23	23.80	-13.00	-41.30	Vertical			

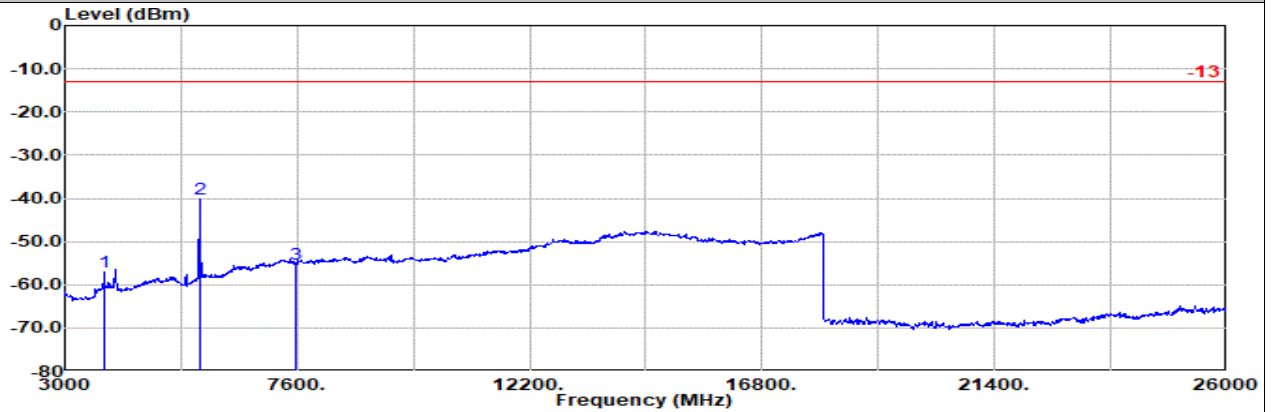


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Part 24E Mode 3

LTE CA 2C Ch18902 + Ch19100

H



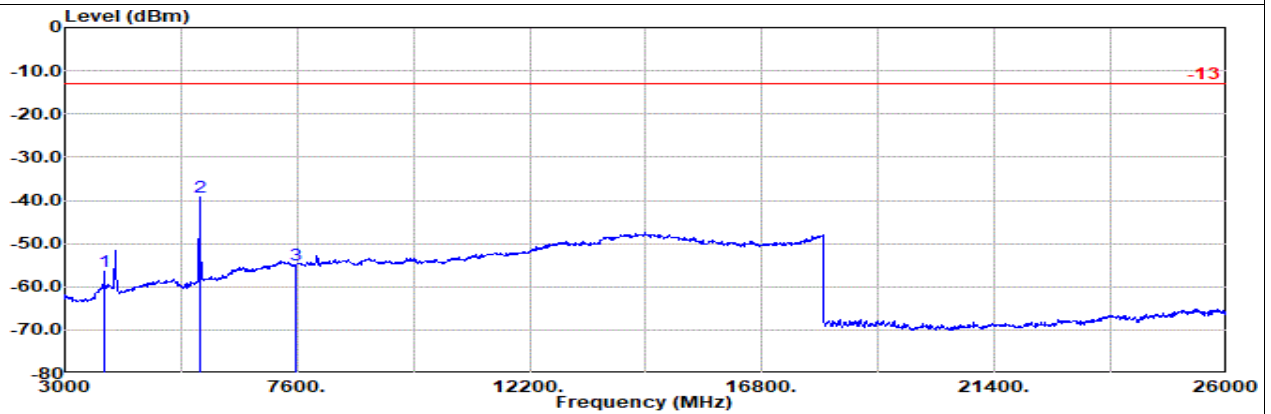
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 2 20M Ch18902 1RB99 QPSK

: LTE Band 2 20M Ch19100 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3778.00	-57.00	RMS	30.01	-22.42	1.00	-95.23	29.64	-13.00	-44.00	Horizontal			
2	5667.00	-40.18	RMS	33.37	-20.90	0.66	-95.23	41.92	-13.00	-27.18	Horizontal			
3	7556.00	-55.31	RMS	36.90	-20.37	0.60	-95.23	22.79	-13.00	-42.31	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 2 20M Ch18902 1RB99 QPSK

: LTE Band 2 20M Ch19100 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3778.00	-56.41	RMS	30.01	-22.42	1.00	-95.23	30.23	-13.00	-43.41	Vertical			
2	5667.00	-39.14	RMS	33.37	-20.90	0.66	-95.23	42.96	-13.00	-26.14	Vertical			
3	7556.00	-54.91	RMS	36.90	-20.37	0.60	-95.23	23.19	-13.00	-41.91	Vertical			

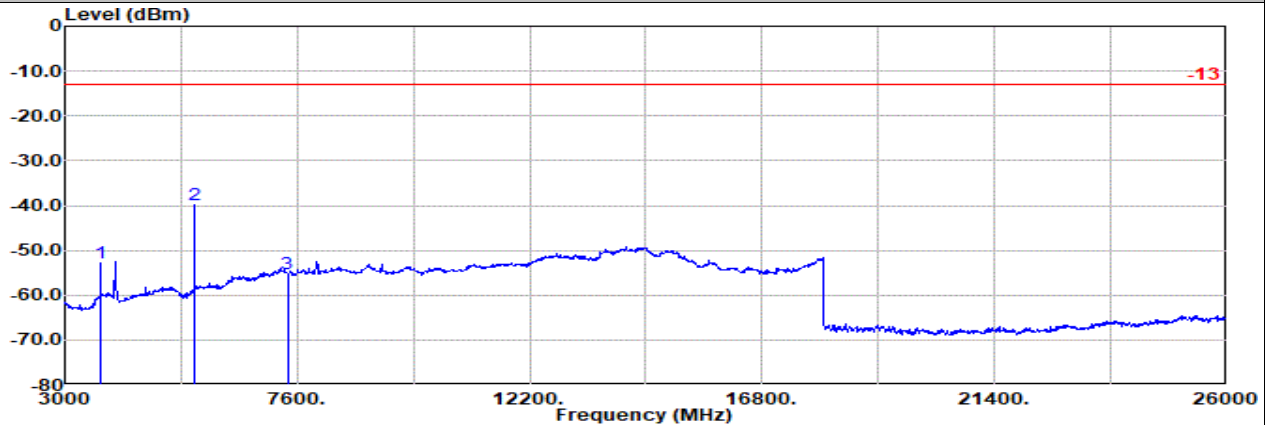


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Part 24E Mode 4

LTE B25 20M Ch26140 1RB0 QPSK

L

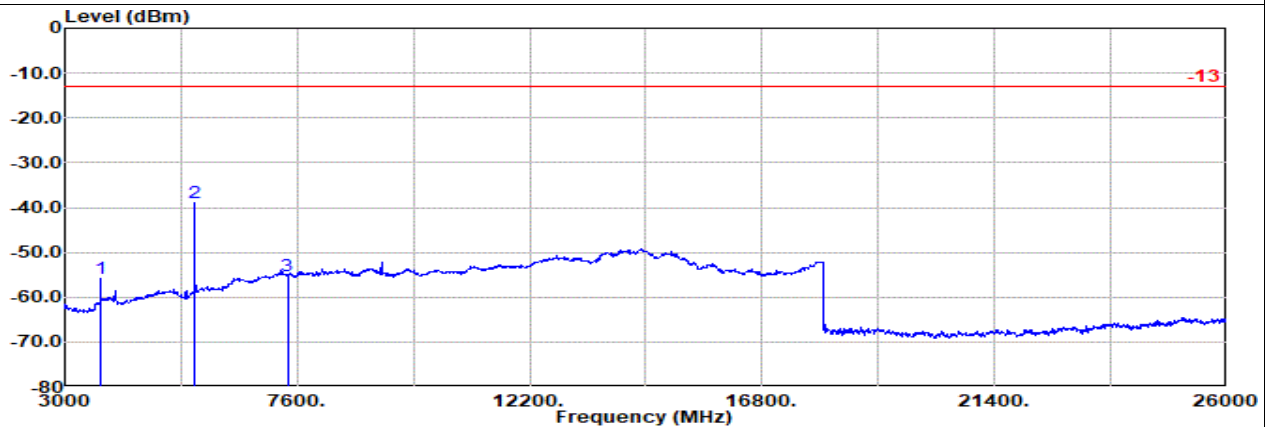


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 25 20M Ch26140 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	3702.00	-52.97	RMS	29.61	-22.49	1.08	-95.23	34.06	-13.00	-39.97 Horizontal
2	5553.00	-39.71	RMS	32.81	-20.97	0.69	-95.23	42.99	-13.00	-26.71 Horizontal
3	7404.00	-55.18	RMS	37.12	-20.43	0.64	-95.23	22.72	-13.00	-42.18 Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 25 20M Ch26140 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	3702.00	-55.98	RMS	29.61	-22.49	1.08	-95.23	31.05	-13.00	-42.98 Vertical
2	5553.00	-38.85	RMS	32.81	-20.97	0.69	-95.23	43.85	-13.00	-25.85 Vertical
3	7404.00	-55.19	RMS	37.12	-20.43	0.64	-95.23	22.71	-13.00	-42.19 Vertical

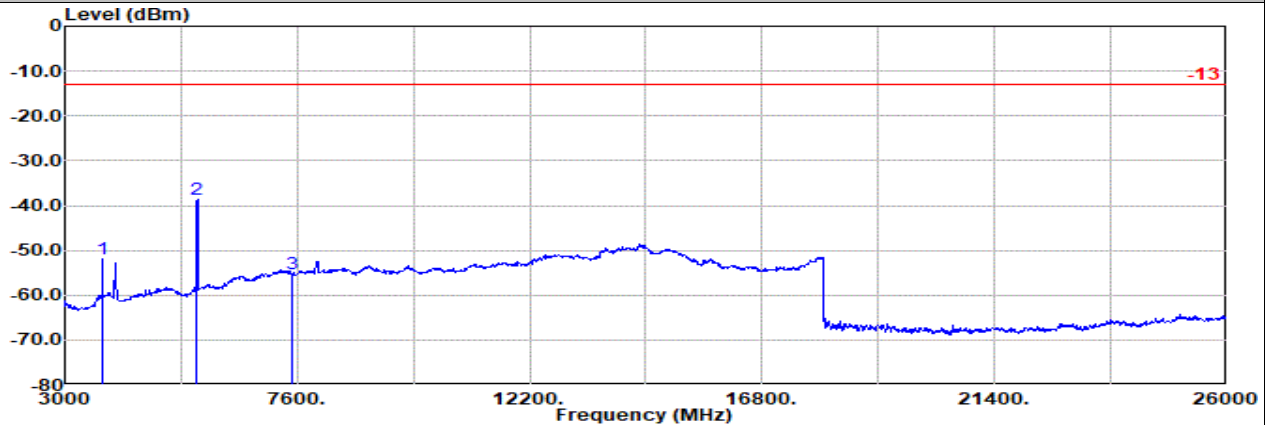


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Part 24E Mode 4

LTE B25 20M Ch26340 1RB0 QPSK

M

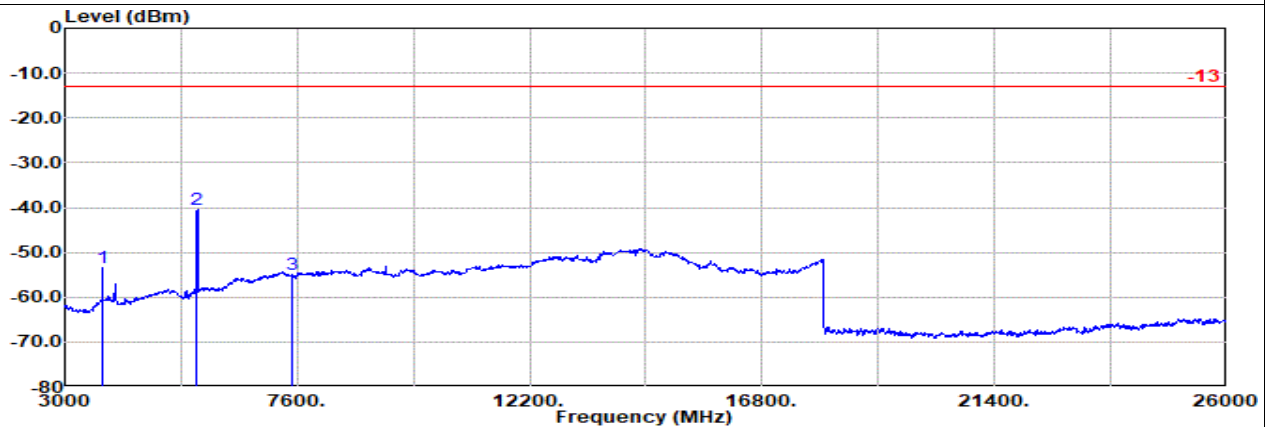


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 25 20M Ch26340 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3742.00	-51.90	RMS	29.85	-22.46	1.04	-95.23	34.90	-13.00	-38.90	Horizontal			
2	5613.00	-38.61	RMS	32.98	-20.94	0.67	-95.23	43.91	-13.00	-25.61	Horizontal			
3	7484.00	-55.11	RMS	37.16	-20.38	0.62	-95.23	22.72	-13.00	-42.11	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 25 20M Ch26340 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3742.00	-53.31	RMS	29.85	-22.46	1.04	-95.23	33.49	-13.00	-40.31	Vertical			
2	5613.00	-40.39	RMS	32.98	-20.94	0.67	-95.23	42.13	-13.00	-27.39	Vertical			
3	7484.00	-55.05	RMS	37.16	-20.38	0.62	-95.23	22.78	-13.00	-42.05	Vertical			

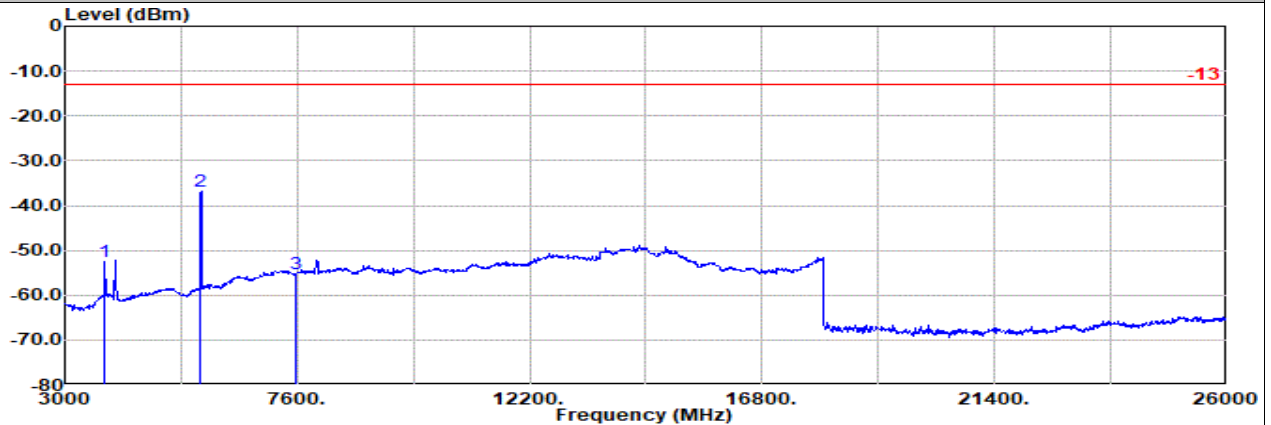


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Part 24E Mode 4

LTE B25 20M Ch26590 1RB0 QPSK

H

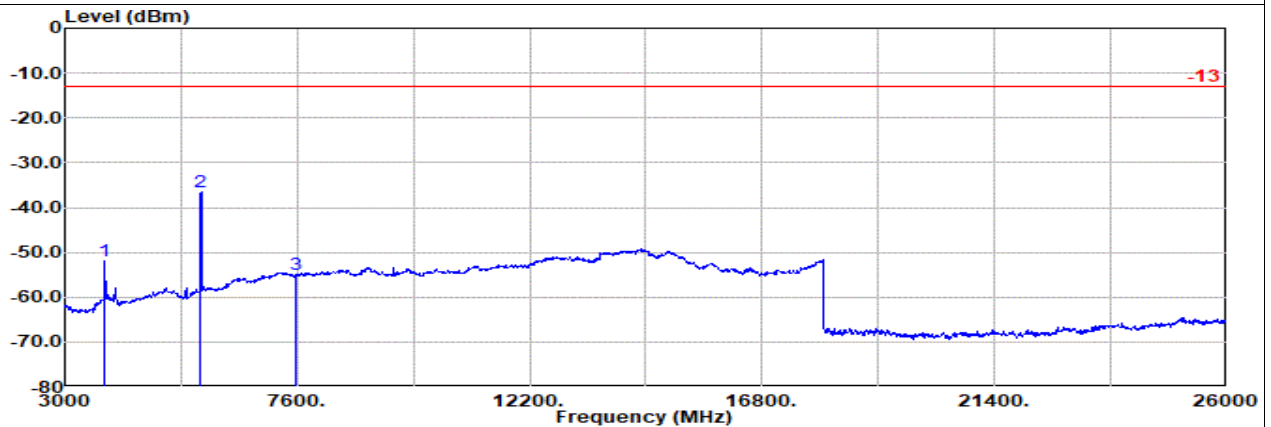


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 25 20M Ch26590 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3792.00	-52.58	RMS	30.07	-22.41	0.99	-95.23	34.00	-13.00	-39.58	Horizontal			
2	5688.00	-36.74	RMS	33.58	-20.88	0.65	-95.23	45.14	-13.00	-23.74	Horizontal			
3	7584.00	-55.39	RMS	36.90	-20.36	0.59	-95.23	22.71	-13.00	-42.39	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 25 20M Ch26590 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3792.00	-52.05	RMS	30.07	-22.41	0.99	-95.23	34.53	-13.00	-39.05	Vertical			
2	5688.00	-36.43	RMS	33.58	-20.88	0.65	-95.23	45.45	-13.00	-23.43	Vertical			
3	7584.00	-54.98	RMS	36.90	-20.36	0.59	-95.23	23.12	-13.00	-41.98	Vertical			

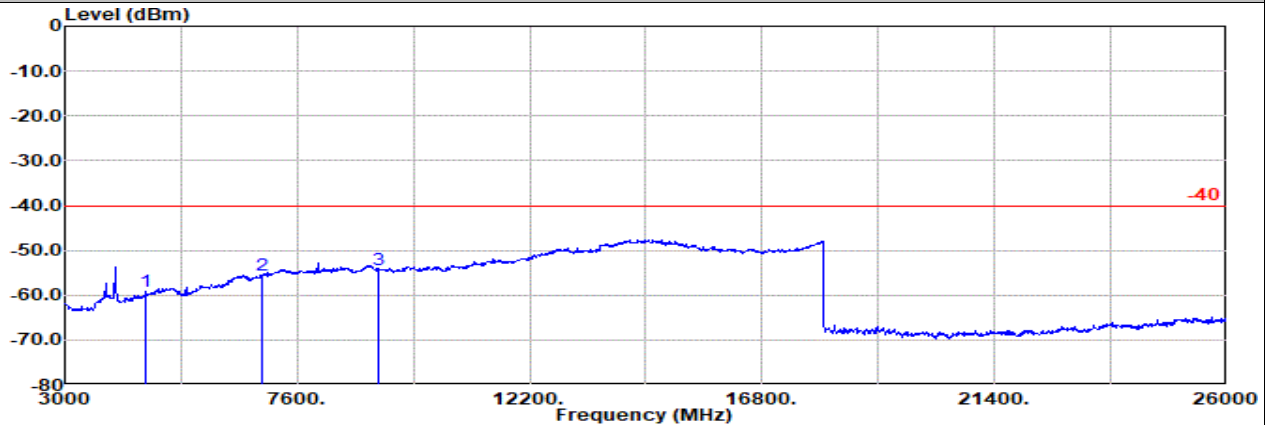


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Part 27D Mode 1

LTE B30 5M Ch27685 1RB0 QPSK

L

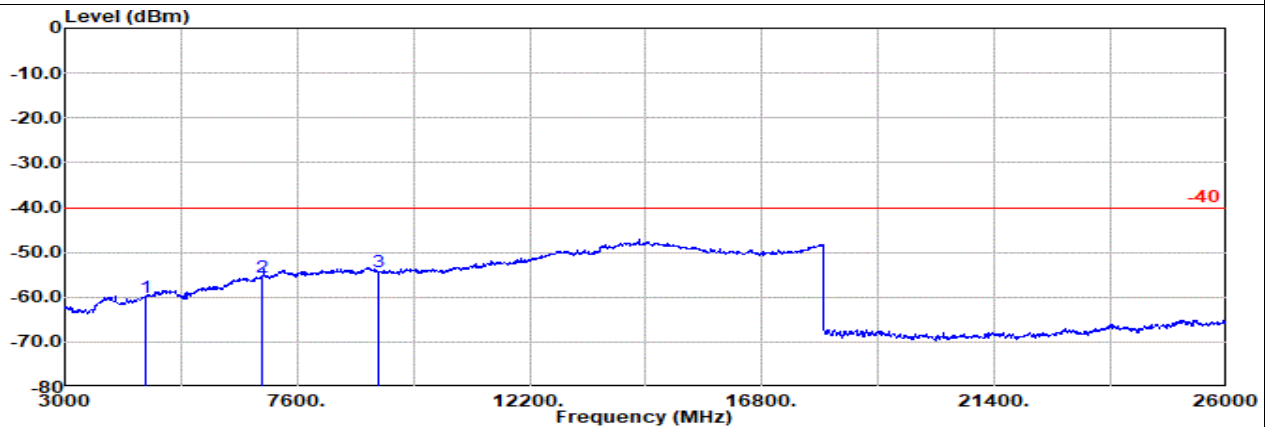


Site : 03CH22-HY

Condition: -40 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 30 5M Ch27685 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			g			
	MHz	dBm									
1	4611.00	-59.27	RMS	31.77	-21.49	0.79	-95.23	24.89	-40.00	-19.27	Horizontal
2	6916.00	-55.44	RMS	36.67	-20.61	0.56	-95.23	23.17	-40.00	-15.44	Horizontal
3	9222.00	-54.22	RMS	37.26	-20.57	0.57	-95.23	23.75	-40.00	-14.22	Horizontal



Site : 03CH22-HY

Condition: -40 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 30 5M Ch27685 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			g			
	MHz	dBm									
1	4611.00	-59.97	RMS	31.77	-21.49	0.79	-95.23	24.19	-40.00	-19.97	Vertical
2	6916.00	-55.53	RMS	36.67	-20.61	0.56	-95.23	23.08	-40.00	-15.53	Vertical
3	9222.00	-54.38	RMS	37.26	-20.57	0.57	-95.23	23.59	-40.00	-14.38	Vertical

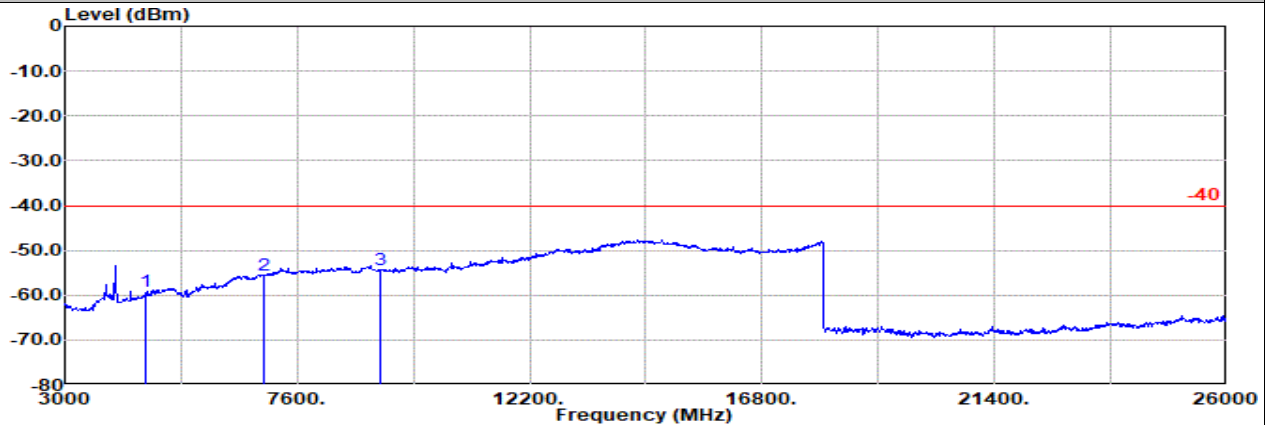


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Part 27D Mode 1

LTE B30 5M Ch27710 1RB0 QPSK

M

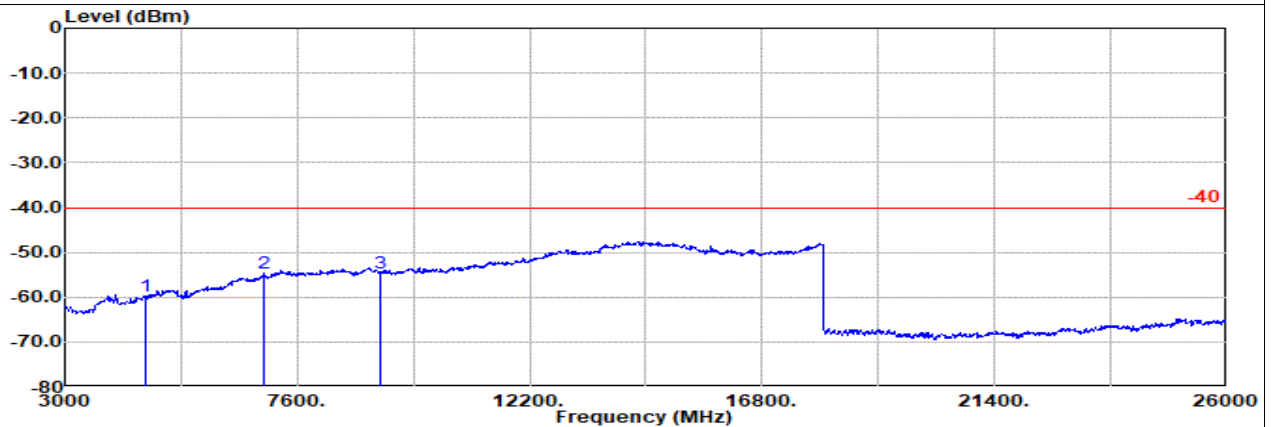


Site : 03CH22-HY

Condition: -40 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 30 5M Ch27710 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	4616.00	-59.26	RMS	31.80	-21.48	0.78	-95.23	24.87	-40.00	-19.26 Horizontal
2	6924.00	-55.44	RMS	36.65	-20.61	0.56	-95.23	23.19	-40.00	-15.44 Horizontal
3	9232.00	-54.36	RMS	37.24	-20.58	0.57	-95.23	23.64	-40.00	-14.36 Horizontal



Site : 03CH22-HY

Condition: -40 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 30 5M Ch27710 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	4616.00	-59.71	RMS	31.80	-21.48	0.78	-95.23	24.42	-40.00	-19.71 Vertical
2	6924.00	-54.53	RMS	36.65	-20.61	0.56	-95.23	24.10	-40.00	-14.53 Vertical
3	9232.00	-54.65	RMS	37.24	-20.58	0.57	-95.23	23.35	-40.00	-14.65 Vertical

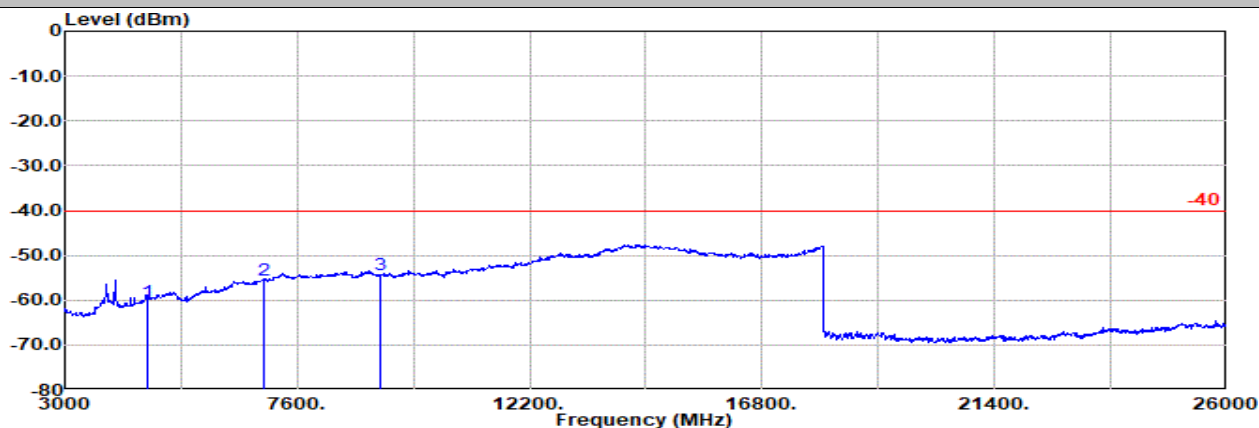


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Part 27D Mode 1

LTE B30 5M Ch27735 1RB0 QPSK

H

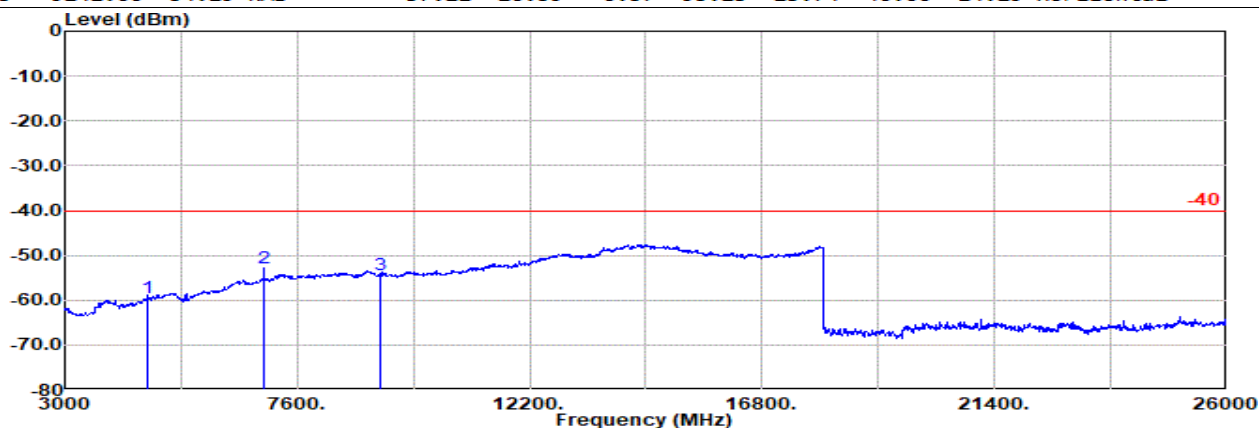


Site : 03CH22-HY

Condition: -40 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 30 5M Ch27735 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4621.00	-60.24	RMS	31.83	-21.48	0.78	-95.23	23.86	-40.00	-20.24	Horizontal
2	6931.00	-55.45	RMS	36.64	-20.61	0.57	-95.23	23.18	-40.00	-15.45	Horizontal
3	9242.00	-54.29	RMS	37.22	-20.59	0.57	-95.23	23.74	-40.00	-14.29	Horizontal



Site : 03CH22-HY

Condition: -40 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 30 5M Ch27735 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4621.00	-59.53	RMS	31.83	-21.48	0.78	-95.23	24.57	-40.00	-19.53	Vertical
2	6931.00	-52.96	RMS	36.64	-20.61	0.57	-95.23	25.67	-40.00	-12.96	Vertical
3	9242.00	-54.25	RMS	37.22	-20.59	0.57	-95.23	23.78	-40.00	-14.25	Vertical

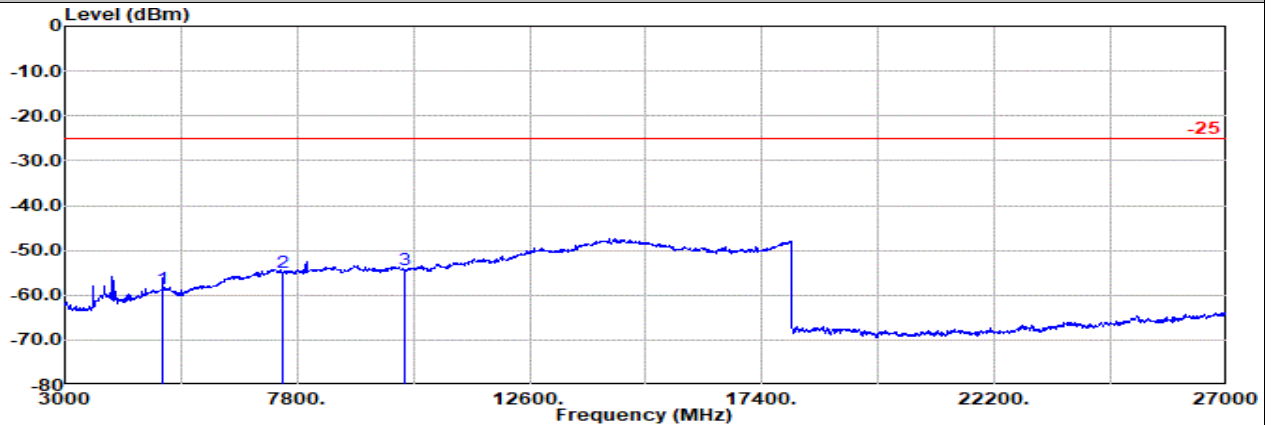


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Part 27M Mode 1

LTE B7 20M Ch20850 1RB0 QPSK

L

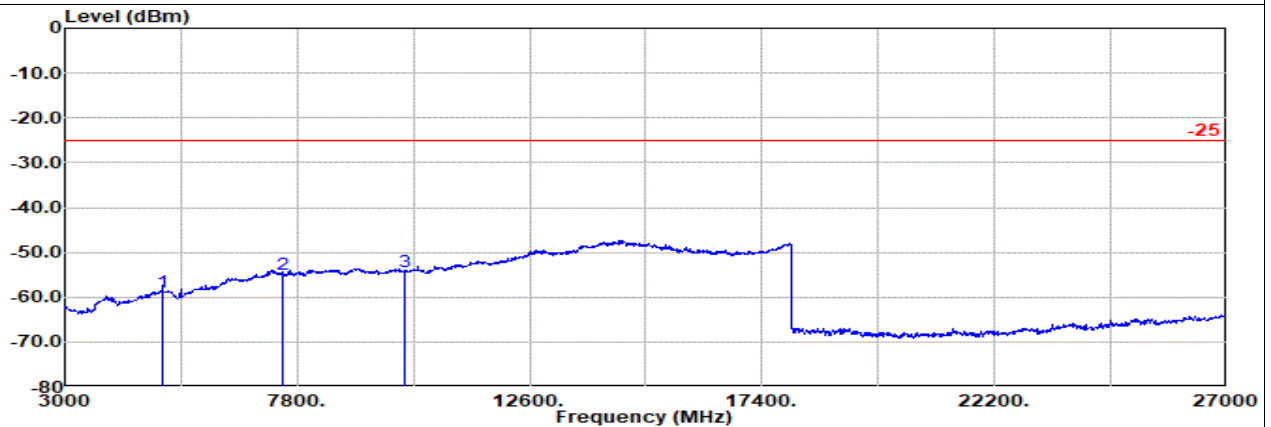


Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 7 20M Ch20850 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	5002.00	-58.69	RMS	32.69	-21.01	0.68	-95.23	24.18	-25.00	-33.69 Horizontal
2	7503.00	-54.91	RMS	37.09	-20.37	0.61	-95.23	22.99	-25.00	-29.91 Horizontal
3	10004.00	-54.22	RMS	37.29	-20.50	0.62	-95.23	23.60	-25.00	-29.22 Horizontal



Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 7 20M Ch20850 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	5002.00	-58.81	RMS	32.69	-21.01	0.68	-95.23	24.06	-25.00	-33.81 Vertical
2	7503.00	-55.01	RMS	37.09	-20.37	0.61	-95.23	22.89	-25.00	-30.01 Vertical
3	10004.00	-54.40	RMS	37.29	-20.50	0.62	-95.23	23.42	-25.00	-29.40 Vertical

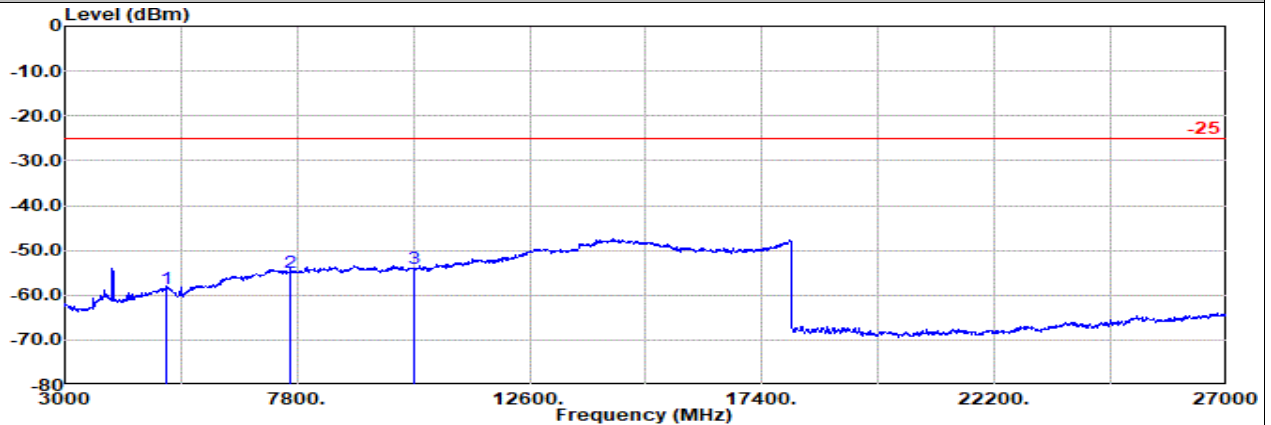


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Part 27M Mode 1

LTE B7 20M Ch21350 1RB0 QPSK

H

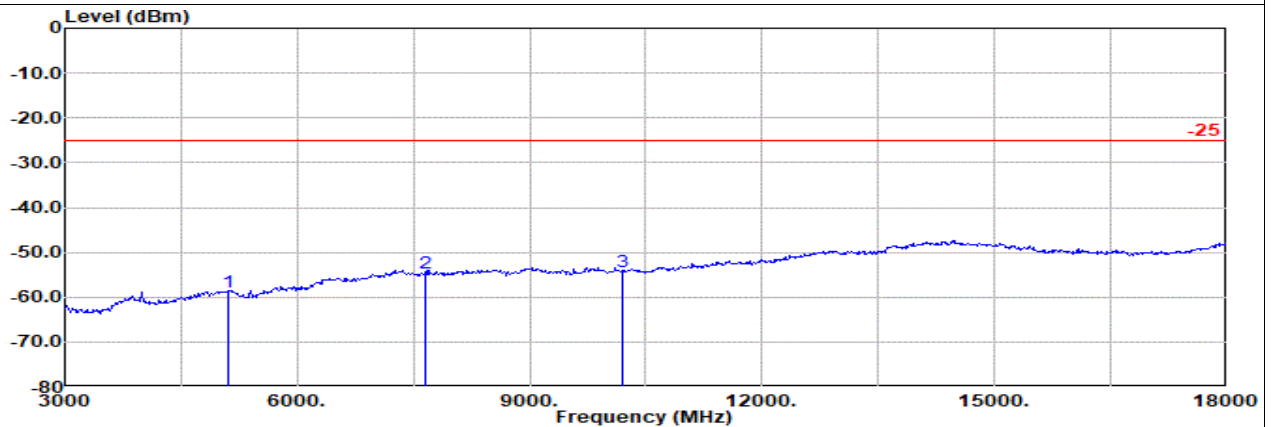


Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 7 20M Ch21350 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5102.00	-58.66	RMS	32.51	-20.97	0.64	-95.23	24.39	-25.00	-33.66	Horizontal			
2	7653.00	-54.84	RMS	36.99	-20.36	0.59	-95.23	23.17	-25.00	-29.84	Horizontal			
3	10204.00	-54.17	RMS	37.40	-20.58	0.63	-95.23	23.61	-25.00	-29.17	Horizontal			



Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 7 20M Ch21350 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5102.00	-58.80	RMS	32.51	-20.97	0.64	-95.23	24.25	-25.00	-33.80	Vertical			
2	7653.00	-54.60	RMS	36.99	-20.36	0.59	-95.23	23.41	-25.00	-29.60	Vertical			
3	10204.00	-54.23	RMS	37.40	-20.58	0.63	-95.23	23.55	-25.00	-29.23	Vertical			

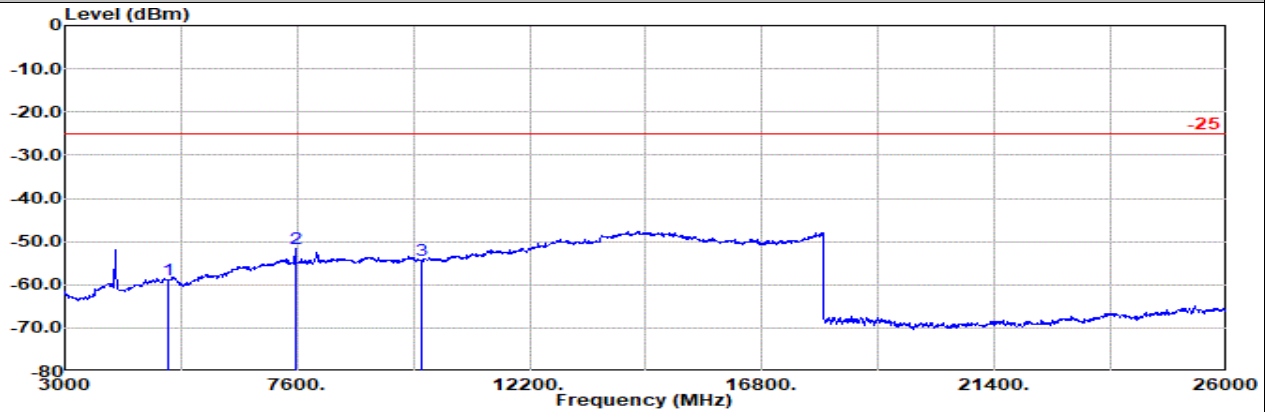


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Part 27M Mode 2

LTE CA 7C Ch20850 + Ch21048

L



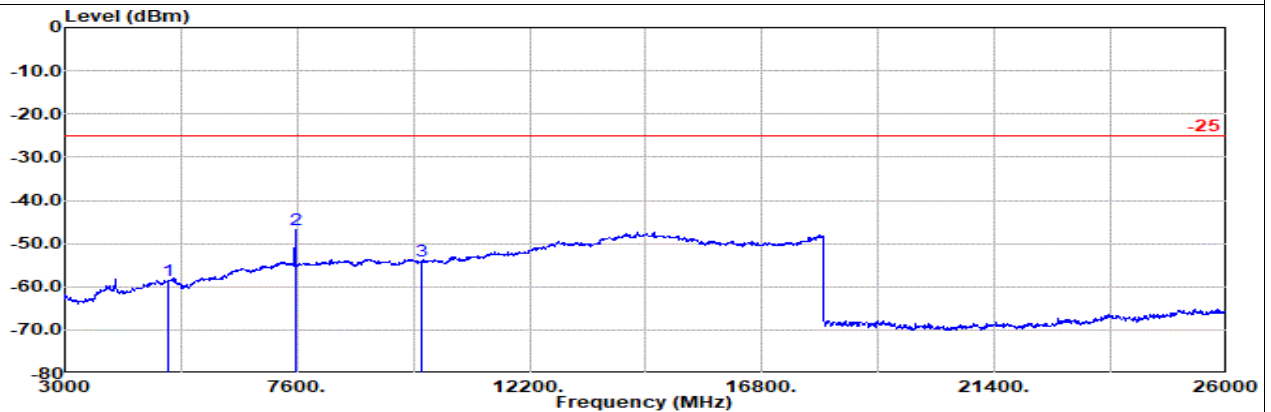
Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 7 20M Ch20850 1RB99 QPSK

: LTE Band 7 20M Ch21048 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5037.00	-58.75	RMS	32.55	-20.99	0.67 -95.23	24.25	-25.00	-33.75	Horizontal	
2	7556.00	-51.61	RMS	36.90	-20.37	0.60 -95.23	26.49	-25.00	-26.61	Horizontal	
3	10075.00	-54.41	RMS	37.25	-20.53	0.62 -95.23	23.48	-25.00	-29.41	Horizontal	



Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 7 20M Ch20850 1RB99 QPSK

: LTE Band 7 20M Ch21048 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5037.00	-58.60	RMS	32.55	-20.99	0.67 -95.23	24.40	-25.00	-33.60	Vertical	
2	7556.00	-46.74	RMS	36.90	-20.37	0.60 -95.23	31.36	-25.00	-21.74	Vertical	
3	10075.00	-53.98	RMS	37.25	-20.53	0.62 -95.23	23.91	-25.00	-28.98	Vertical	

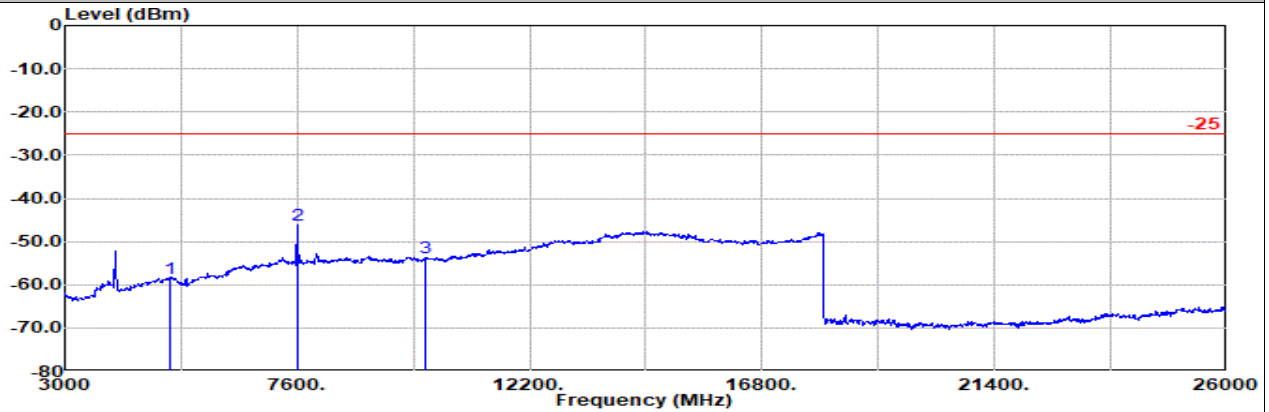


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Part 27M Mode 2

LTE CA 7C Ch21001 + Ch21199

M



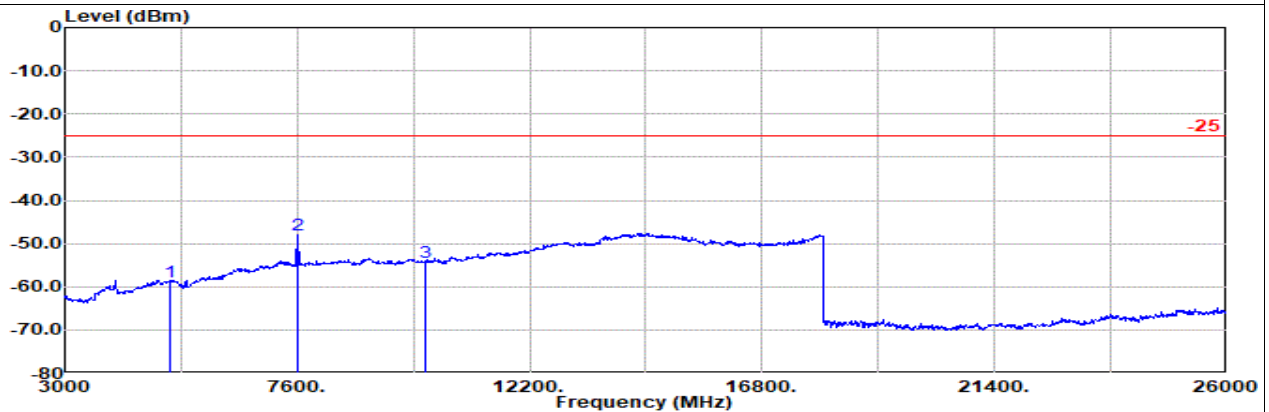
Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 7 20M Ch21001 1RB99 QPSK

: LTE Band 7 20M Ch21199 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5067.00	-58.71	RMS	32.50	-20.98	0.66 -95.23	24.34	-25.00	-33.71	Horizontal	
2	7601.00	-46.12	RMS	36.90	-20.36	0.59 -95.23	31.98	-25.00	-21.12	Horizontal	
3	10135.00	-53.85	RMS	37.37	-20.55	0.63 -95.23	23.93	-25.00	-28.85	Horizontal	



Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 7 20M Ch21001 1RB99 QPSK

: LTE Band 7 20M Ch21199 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5067.00	-58.87	RMS	32.50	-20.98	0.66 -95.23	24.18	-25.00	-33.87	Vertical	
2	7601.00	-47.92	RMS	36.90	-20.36	0.59 -95.23	30.18	-25.00	-22.92	Vertical	
3	10135.00	-54.20	RMS	37.37	-20.55	0.63 -95.23	23.58	-25.00	-29.20	Vertical	

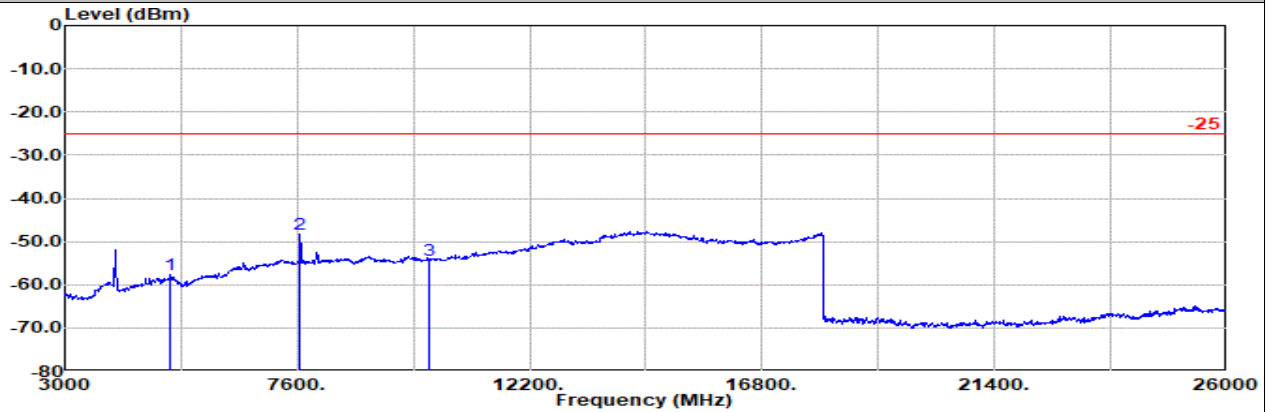


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Part 27M Mode 2

LTE CA 7C Ch21152 + Ch21350

H



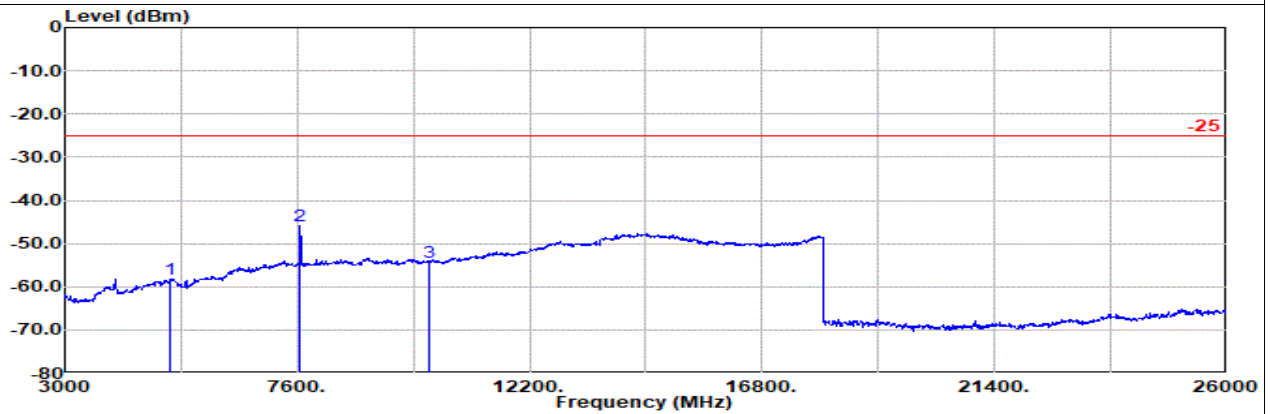
Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 7 20M Ch21152 1RB99 QPSK

: LTE Band 7 20M Ch21350 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5097.00	-57.67	RMS	32.50	-20.97	0.65 -95.23	25.38	-25.00	-32.67	Horizontal	
2	7646.00	-48.16	RMS	36.99	-20.36	0.59 -95.23	29.85	-25.00	-23.16	Horizontal	
3	10195.00	-54.41	RMS	37.40	-20.57	0.63 -95.23	23.36	-25.00	-29.41	Horizontal	



Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 7 20M Ch21152 1RB99 QPSK

: LTE Band 7 20M Ch21350 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5097.00	-58.26	RMS	32.50	-20.97	0.65 -95.23	24.79	-25.00	-33.26	Vertical	
2	7646.00	-46.03	RMS	36.99	-20.36	0.59 -95.23	31.98	-25.00	-21.03	Vertical	
3	10195.00	-54.26	RMS	37.40	-20.57	0.63 -95.23	23.51	-25.00	-29.26	Vertical	

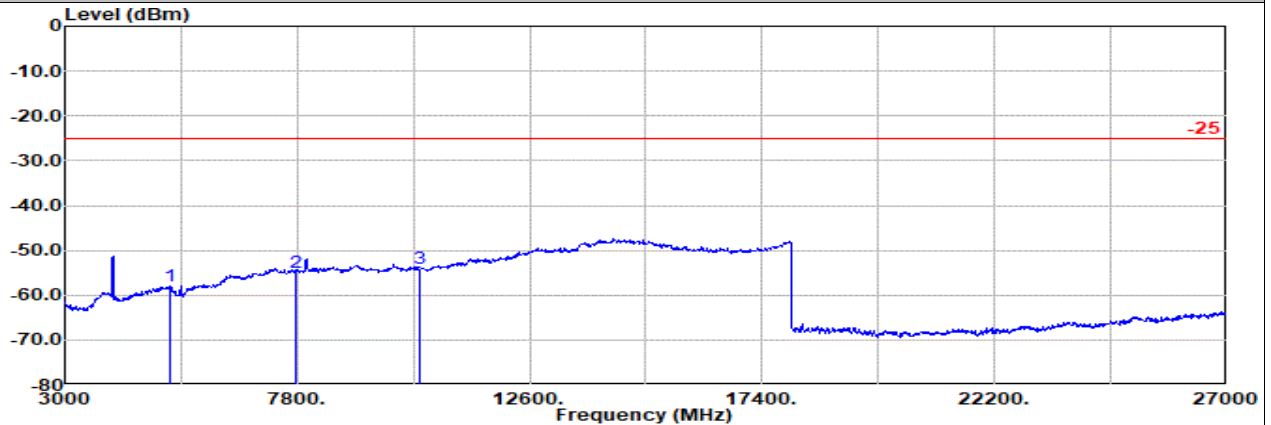


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Part 27M Mode 3

LTE B38 20M Ch38000 1RB0 QPSK

M

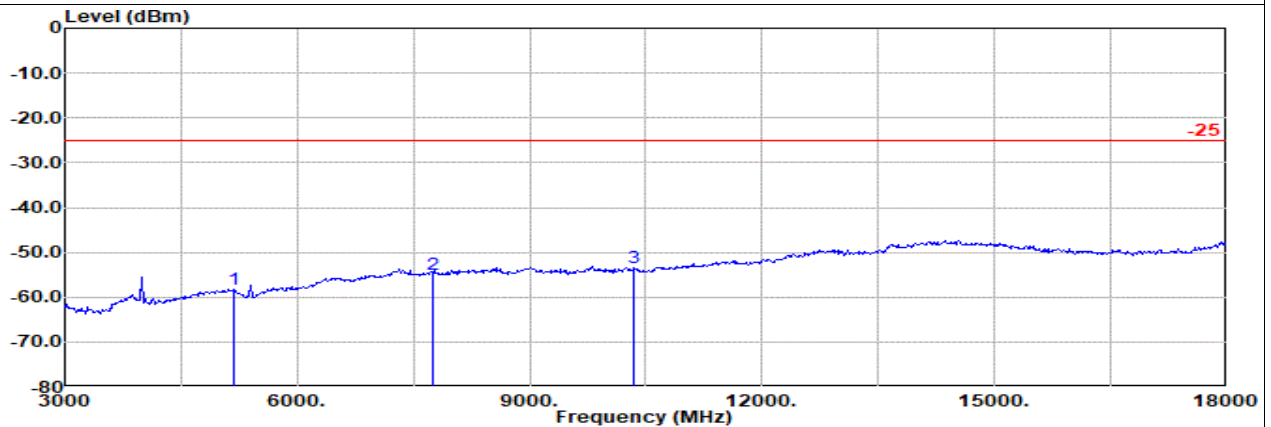


Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 38 20M Ch38000 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5172.00	-58.09	RMS	32.66	-20.93	0.62	-95.23	24.79	-25.00	-33.09	Horizontal	
2	7758.00	-54.99	RMS	36.83	-20.36	0.58	-95.23	23.19	-25.00	-29.99	Horizontal	
3	10344.00	-54.08	RMS	37.40	-20.63	0.64	-95.23	23.74	-25.00	-29.08	Horizontal	



Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 38 20M Ch38000 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5172.00	-58.37	RMS	32.66	-20.93	0.62	-95.23	24.51	-25.00	-33.37	Vertical	
2	7758.00	-55.07	RMS	36.83	-20.36	0.58	-95.23	23.11	-25.00	-30.07	Vertical	
3	10344.00	-53.57	RMS	37.40	-20.63	0.64	-95.23	24.25	-25.00	-28.57	Vertical	

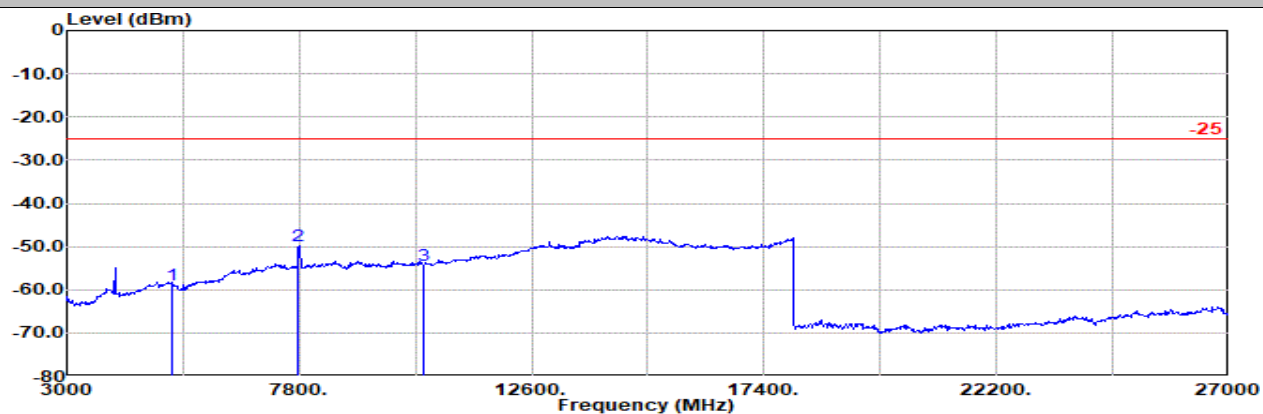


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Part 27M Mode 4

LTE CA 38C Ch37901 + Ch38099

M



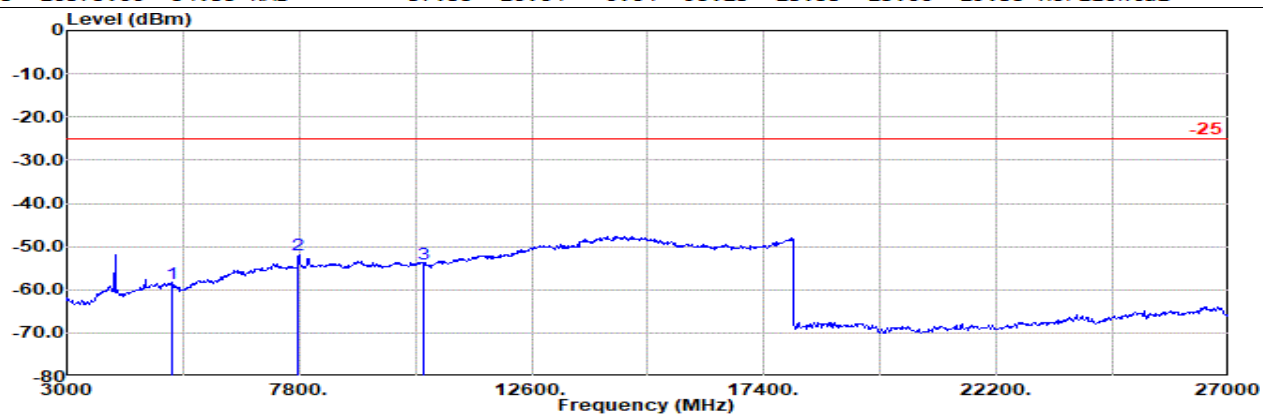
Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 38 20M Ch37901 1RB99 QPSK

: LTE Band 38 20M Ch38099 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5187.00	-58.74	RMS	32.63	-20.93	0.61	-95.23	24.18	-25.00	-33.74	Horizontal
2	7781.00	-49.78	RMS	36.92	-20.36	0.58	-95.23	28.31	-25.00	-24.78	Horizontal
3	10375.00	-54.35	RMS	37.35	-20.64	0.64	-95.23	23.53	-25.00	-29.35	Horizontal



Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 38 20M Ch37901 1RB99 QPSK

: LTE Band 38 20M Ch38099 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5187.00	-58.59	RMS	32.63	-20.93	0.61	-95.23	24.33	-25.00	-33.59	Vertical
2	7781.00	-52.02	RMS	36.92	-20.36	0.58	-95.23	26.07	-25.00	-27.02	Vertical
3	10375.00	-54.11	RMS	37.35	-20.64	0.64	-95.23	23.77	-25.00	-29.11	Vertical

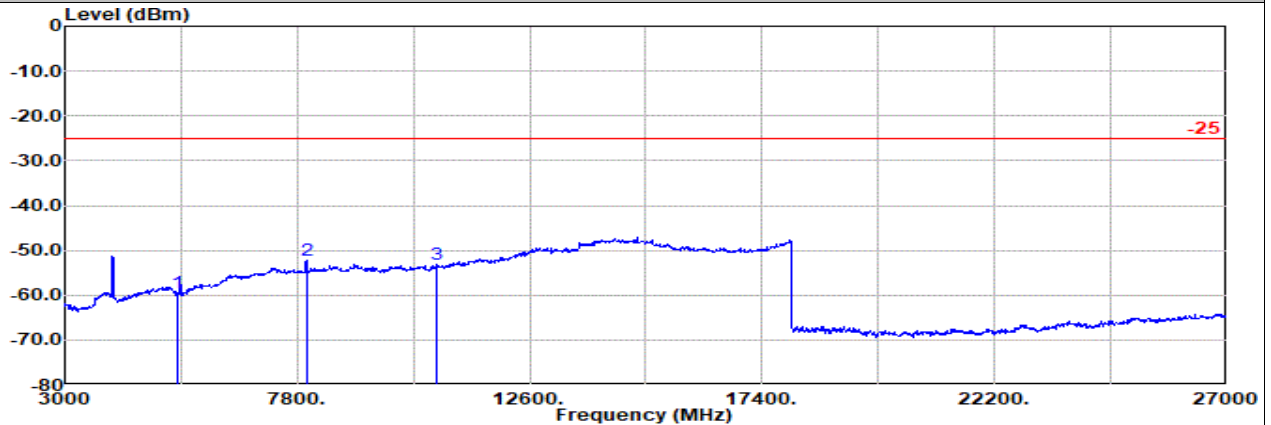


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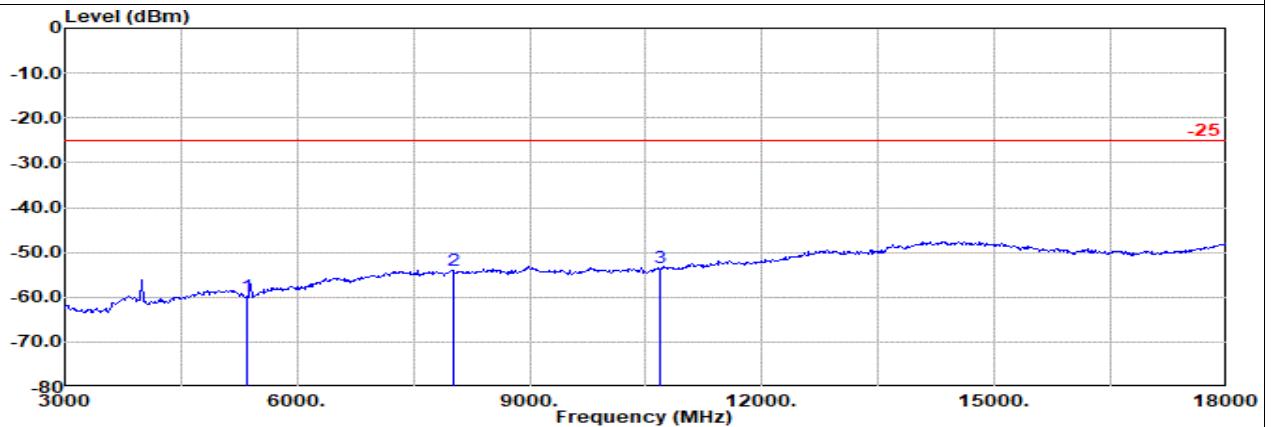
Part 27M Mode 5

LTE B41 20M Ch41490 1RB0 QPSK

H



	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5342.00	-59.60	RMS	32.38	-20.95	0.72	-95.23	23.48	-25.00	-34.60	Horizontal			
2	8013.00	-52.27	RMS	37.03	-20.46	0.57	-95.23	25.82	-25.00	-27.27	Horizontal			
3	10684.00	-53.24	RMS	37.50	-20.62	0.65	-95.23	24.46	-25.00	-28.24	Horizontal			



	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5342.00	-59.92	RMS	32.38	-20.95	0.72	-95.23	23.16	-25.00	-34.92	Vertical			
2	8013.00	-54.08	RMS	37.03	-20.46	0.57	-95.23	24.01	-25.00	-29.08	Vertical			
3	10684.00	-53.49	RMS	37.50	-20.62	0.65	-95.23	24.21	-25.00	-28.49	Vertical			

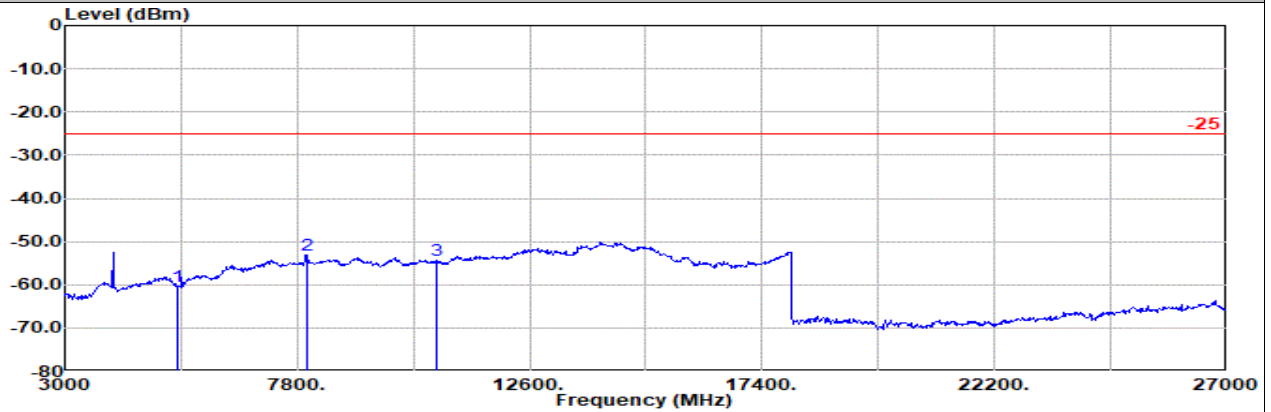


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Part 27M Mode 6

LTE CA 41C Ch41292 + Ch41490

H



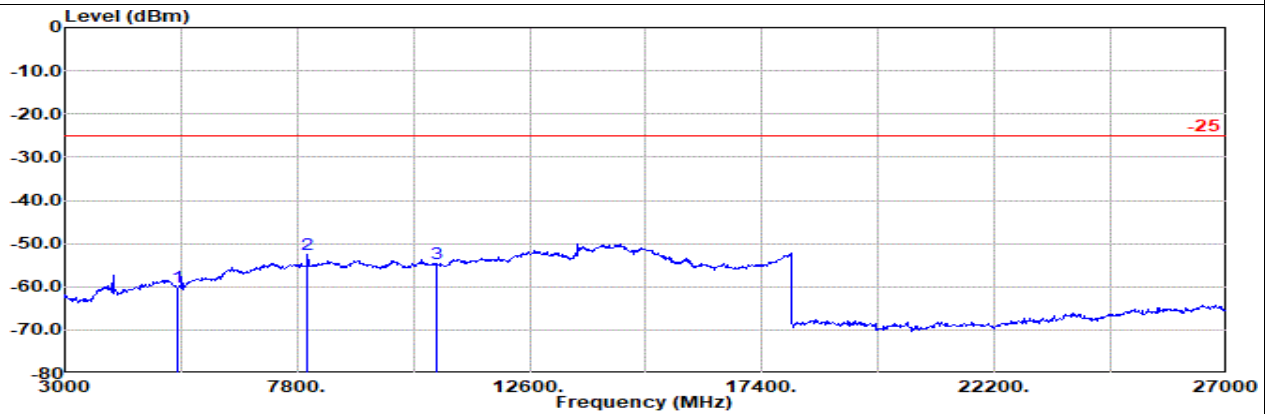
Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 41 20M Ch41292 1RB99 QPSK

: LTE Band 41 20M Ch41490 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5340.00	-60.27	RMS	32.38	-20.95	0.71 -95.23	22.81	-25.00	-35.27	Horizontal	
2	8010.00	-53.19	RMS	37.02	-20.46	0.57 -95.23	24.91	-25.00	-28.19	Horizontal	
3	10680.00	-54.47	RMS	37.50	-20.62	0.65 -95.23	23.23	-25.00	-29.47	Horizontal	



Site : 03CH22-HY

Condition: -25 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 41 20M Ch41292 1RB99 QPSK

: LTE Band 41 20M Ch41490 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	5340.00	-60.14	RMS	32.38	-20.95	0.71 -95.23	22.94	-25.00	-35.14	Vertical	
2	8010.00	-52.52	RMS	37.02	-20.46	0.57 -95.23	25.58	-25.00	-27.52	Vertical	
3	10680.00	-54.71	RMS	37.50	-20.62	0.65 -95.23	22.99	-25.00	-29.71	Vertical	

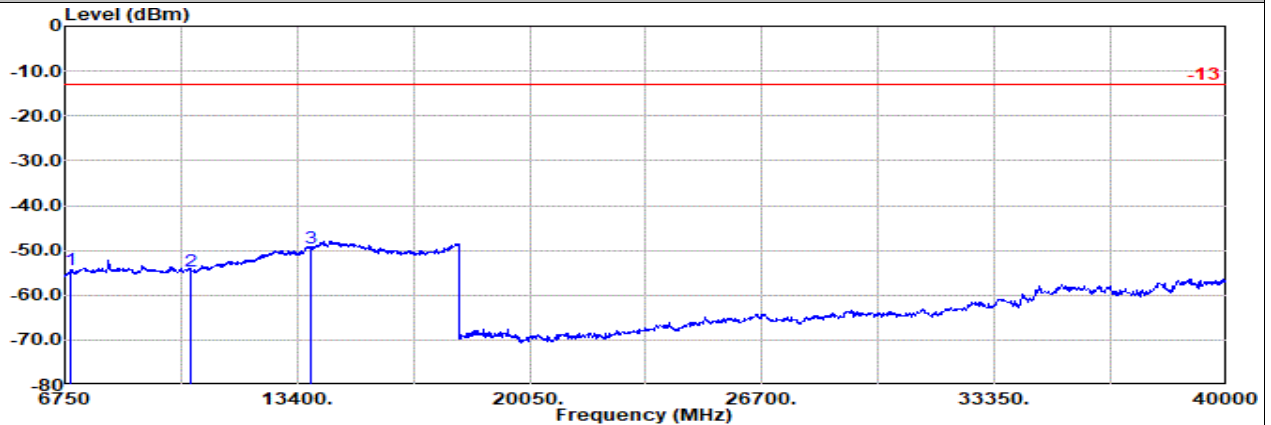


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Part 27Q Mode 1

LTE B42 20M Ch42190 1RB0 QPSK

L

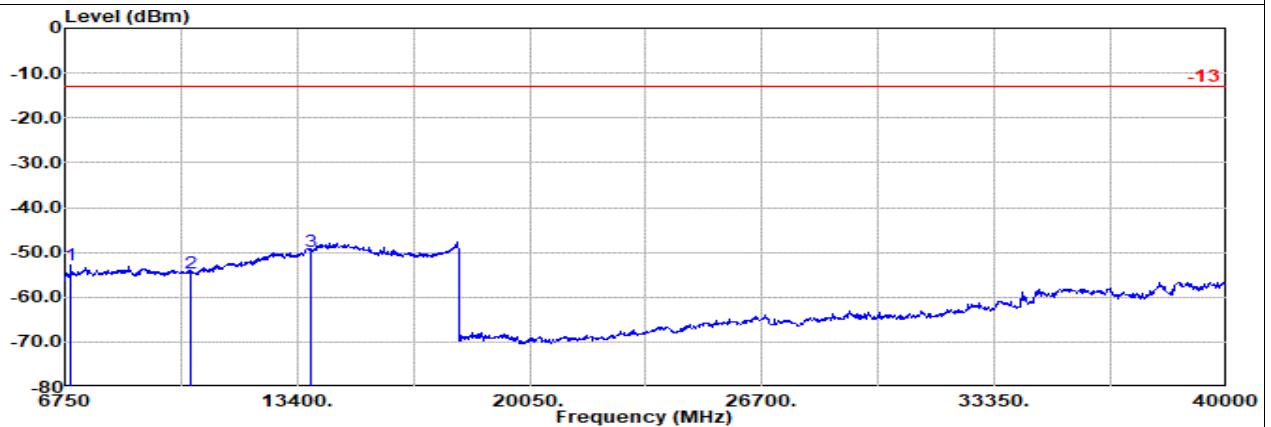


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 42 20M Ch42190 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	6902.00	-54.20	RMS	36.70	-20.61	1.25	-95.23	23.69	-13.00	-41.20	Horizontal			
2	10353.00	-54.58	RMS	37.39	-20.63	0.50	-95.23	23.39	-13.00	-41.58	Horizontal			
3	13804.00	-49.39	RMS	41.21	-20.43	0.46	-95.23	24.60	-13.00	-36.39	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 42 20M Ch42190 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	6902.00	-52.84	RMS	36.70	-20.61	1.25	-95.23	25.05	-13.00	-39.84	Vertical			
2	10353.00	-54.50	RMS	37.39	-20.63	0.50	-95.23	23.47	-13.00	-41.50	Vertical			
3	13804.00	-49.74	RMS	41.21	-20.43	0.46	-95.23	24.25	-13.00	-36.74	Vertical			

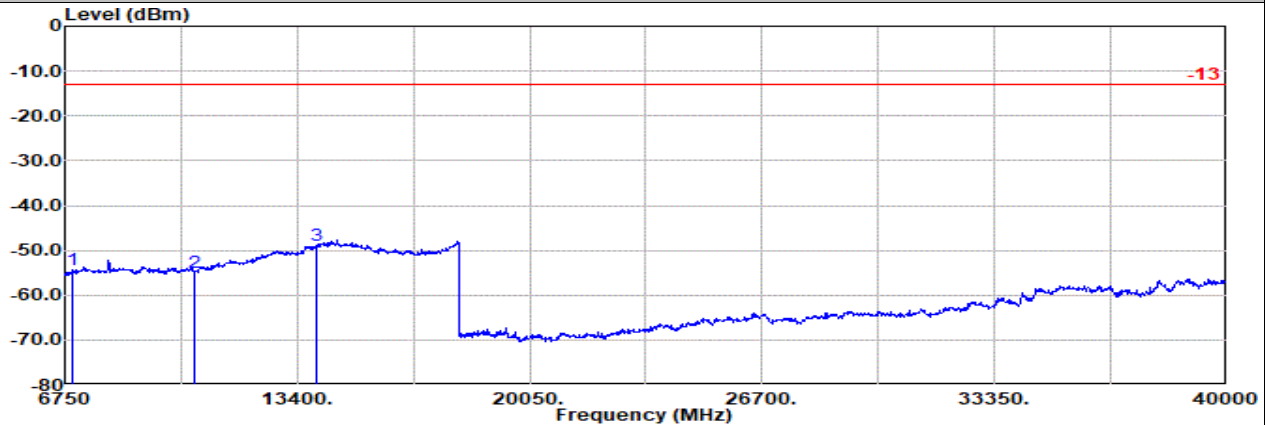


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Part 27Q Mode 1

LTE B42 20M Ch42590 1RB0 QPSK

M

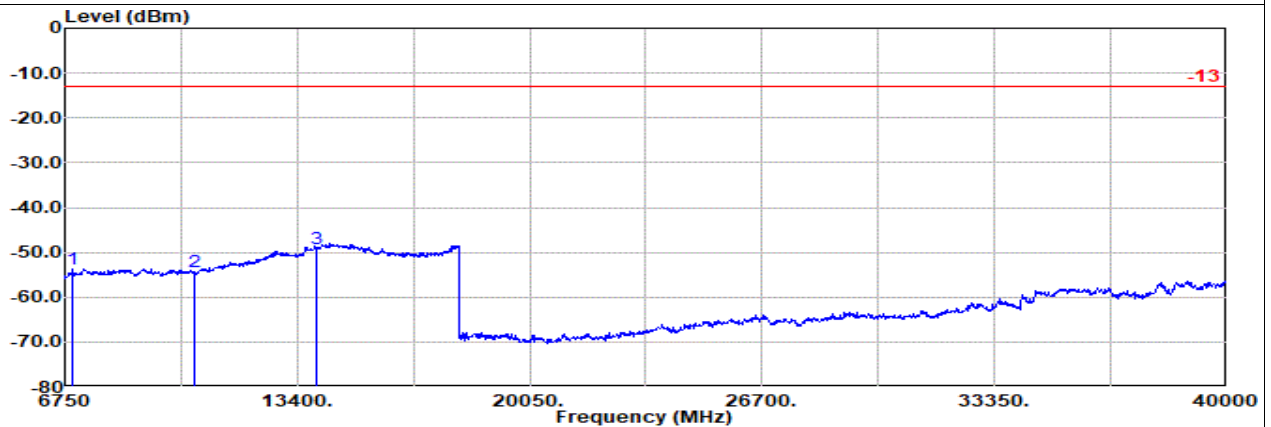


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 42 20M Ch42590 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	6982.00	-54.35	RMS	36.60	-20.60	1.22	-95.23	23.66	-13.00	-41.35	Horizontal			
2	10473.00	-54.82	RMS	37.30	-20.68	0.51	-95.23	23.28	-13.00	-41.82	Horizontal			
3	13964.00	-49.04	RMS	41.76	-20.49	0.45	-95.23	24.47	-13.00	-36.04	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 42 20M Ch42590 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	6982.00	-53.73	RMS	36.60	-20.60	1.22	-95.23	24.28	-13.00	-40.73	Vertical			
2	10473.00	-54.49	RMS	37.30	-20.68	0.51	-95.23	23.61	-13.00	-41.49	Vertical			
3	13964.00	-49.07	RMS	41.76	-20.49	0.45	-95.23	24.44	-13.00	-36.07	Vertical			

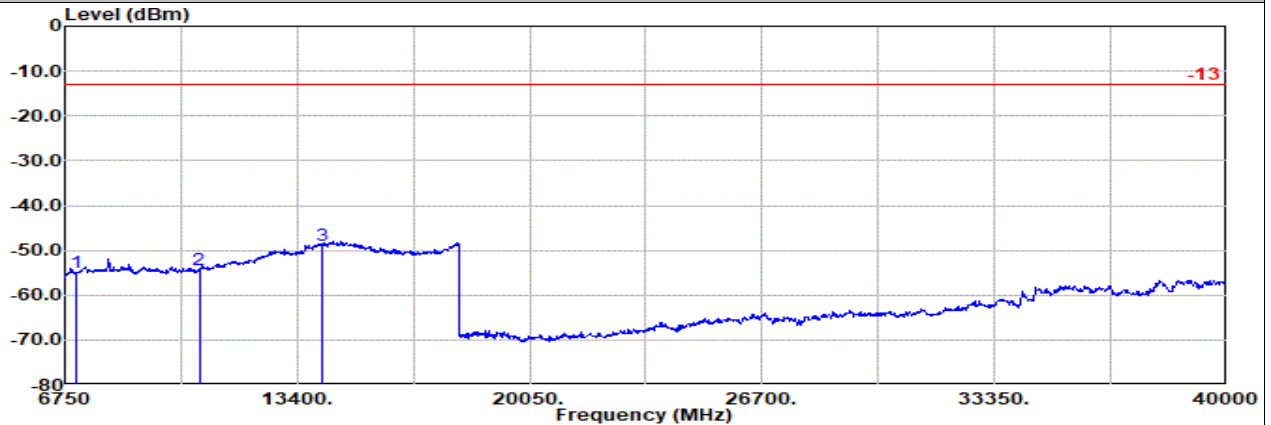


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Part 27Q Mode 1

LTE B42 20M Ch42990 1RB0 QPSK

H

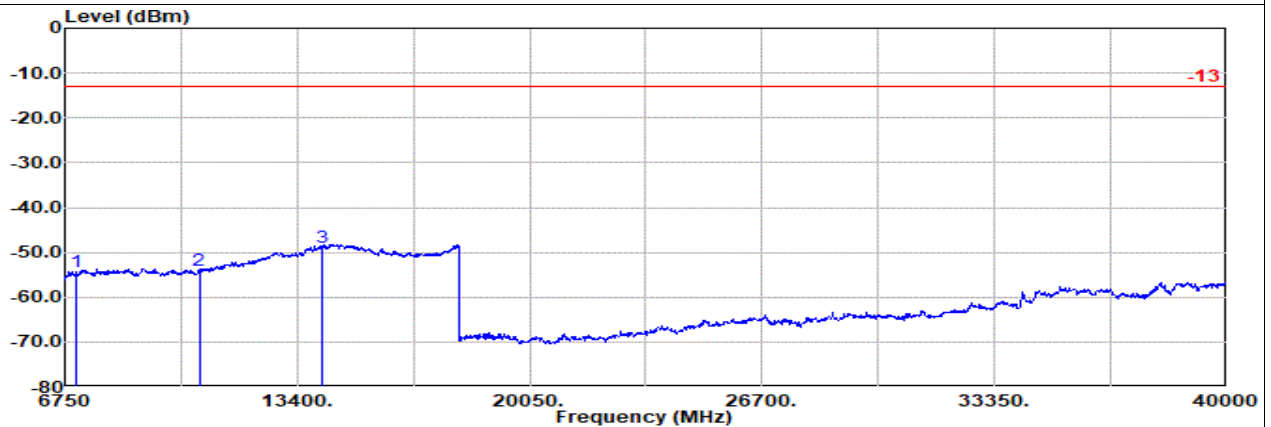


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 42 20M Ch42990 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit		Margin	Pol
				Factor	1			g			
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	7062.00	-54.84	RMS		36.55	-20.58	1.14	-95.23	23.28	-13.00	-41.84 Horizontal
2	10593.00	-54.43	RMS		37.40	-20.65	0.51	-95.23	23.54	-13.00	-41.43 Horizontal
3	14124.00	-48.92	RMS		42.00	-20.62	0.46	-95.23	24.47	-13.00	-35.92 Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 42 20M Ch42990 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit		Margin	Pol
				Factor	1			g			
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	7062.00	-54.46	RMS		36.55	-20.58	1.14	-95.23	23.66	-13.00	-41.46 Vertical
2	10593.00	-54.03	RMS		37.40	-20.65	0.51	-95.23	23.94	-13.00	-41.03 Vertical
3	14124.00	-48.95	RMS		42.00	-20.62	0.46	-95.23	24.44	-13.00	-35.95 Vertical

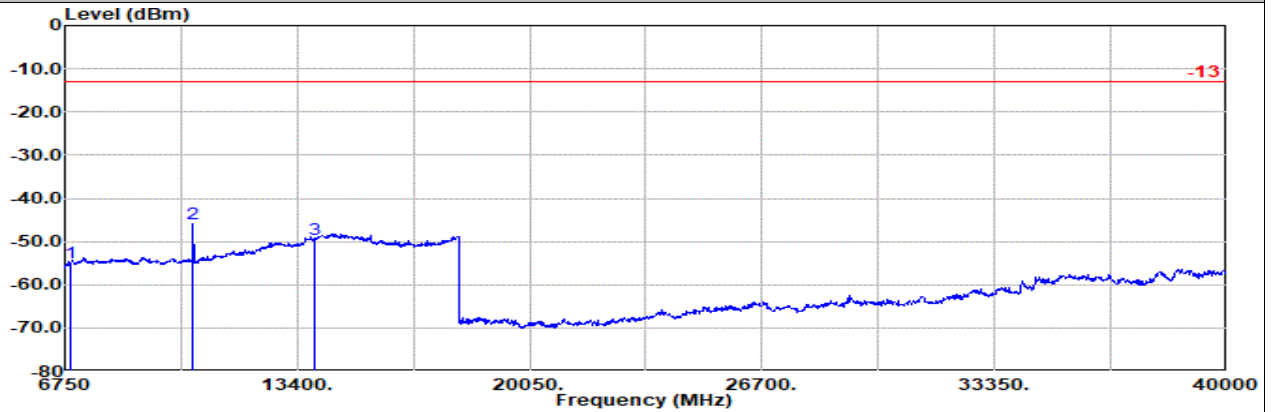


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Part 27Q Mode 2

LTE CA 42C Ch42190 + Ch42388

L



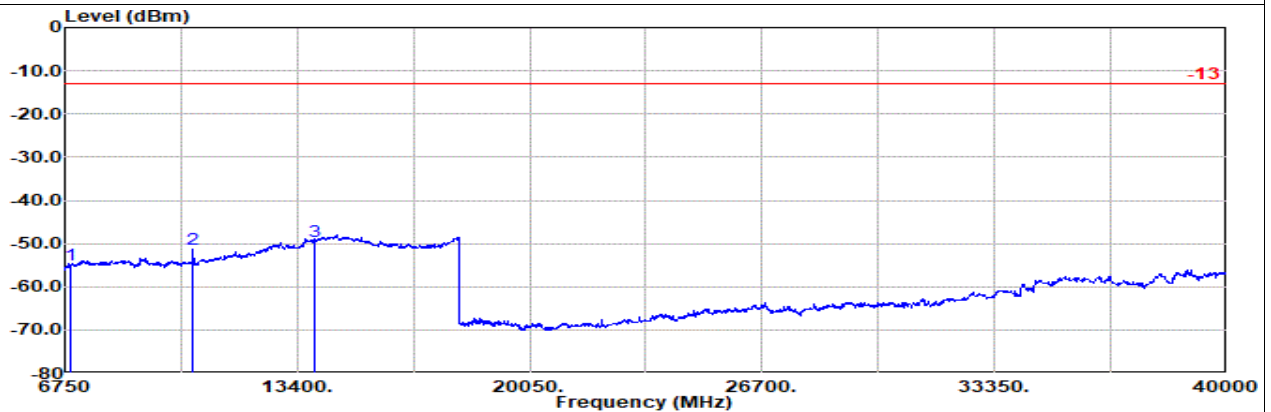
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 42 20M Ch42190 1RB99 QPSK

: LTE Band 42 20M Ch42388 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB		
1	6937.00	-54.94	RMS	36.63	-20.61	1.24	-95.23	23.03	-13.00	-41.94	Horizontal		
2	10406.00	-45.88	RMS	37.30	-20.65	0.50	-95.23	32.20	-13.00	-32.88	Horizontal		
3	13875.00	-49.65	RMS	41.50	-20.46	0.46	-95.23	24.08	-13.00	-36.65	Horizontal		



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 42 20M Ch42190 1RB99 QPSK

: LTE Band 42 20M Ch42388 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB		
1	6937.00	-55.01	RMS	36.63	-20.61	1.24	-95.23	22.96	-13.00	-42.01	Vertical		
2	10406.00	-51.42	RMS	37.30	-20.65	0.50	-95.23	26.66	-13.00	-38.42	Vertical		
3	13875.00	-49.60	RMS	41.50	-20.46	0.46	-95.23	24.13	-13.00	-36.60	Vertical		

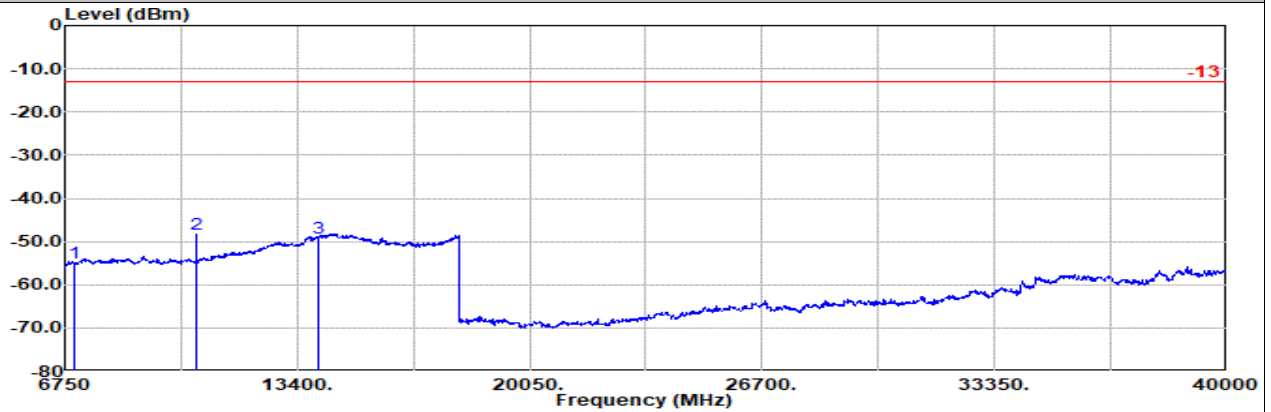


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Part 27Q Mode 2

LTE CA 42C Ch42491 + Ch42689

M



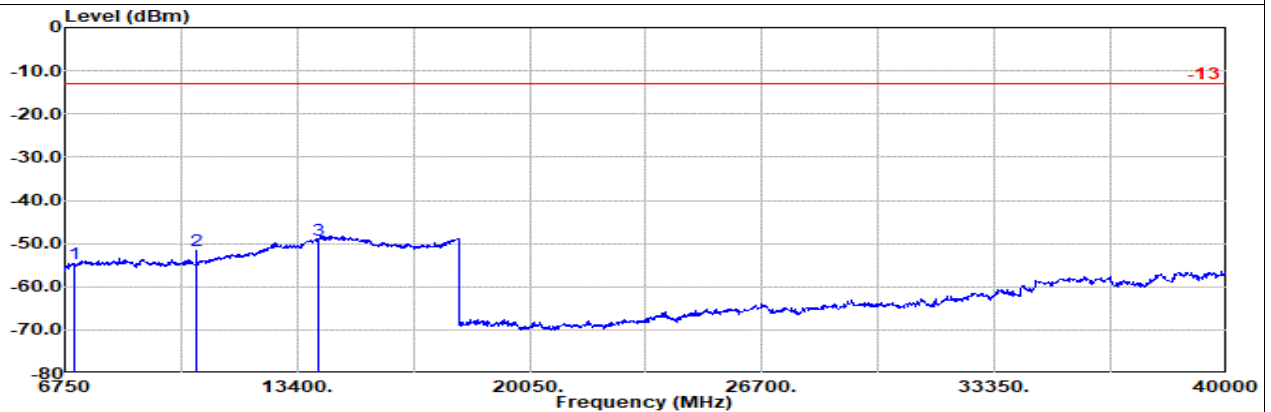
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 42 20M Ch42491 1RB99 QPSK

: LTE Band 42 20M Ch42689 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	6997.00	-54.99	RMS	36.60	-20.60	1.21	-95.23	23.03	-13.00	-41.99 Horizontal
2	10496.00	-48.41	RMS	37.30	-20.68	0.51	-95.23	29.69	-13.00	-35.41 Horizontal
3	13995.00	-49.18	RMS	41.88	-20.51	0.45	-95.23	24.23	-13.00	-36.18 Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 42 20M Ch42491 1RB99 QPSK

: LTE Band 42 20M Ch42689 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	6997.00	-54.70	RMS	36.60	-20.60	1.21	-95.23	23.32	-13.00	-41.70 Vertical
2	10496.00	-51.64	RMS	37.30	-20.68	0.51	-95.23	26.46	-13.00	-38.64 Vertical
3	13995.00	-49.13	RMS	41.88	-20.51	0.45	-95.23	24.28	-13.00	-36.13 Vertical

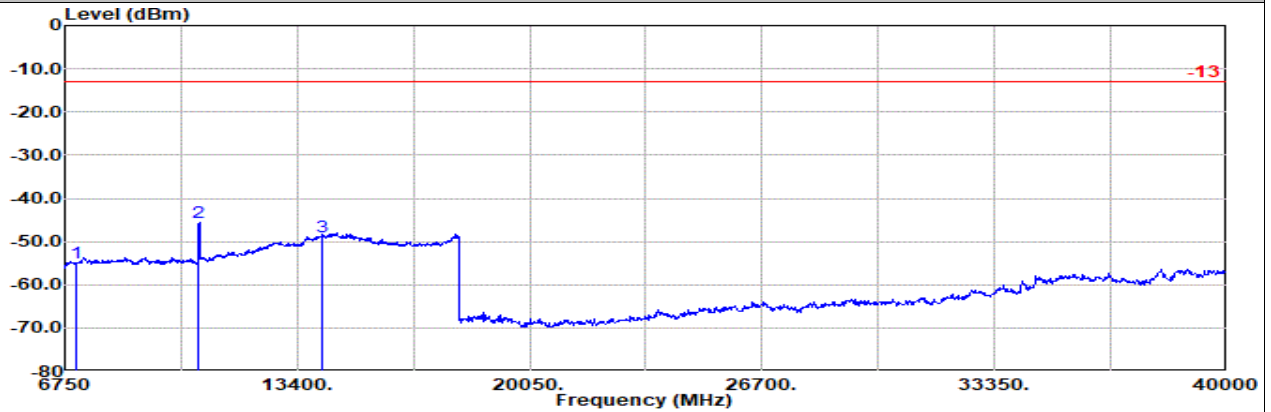


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Part 27Q Mode 2

LTE CA 42C Ch42792 + Ch42990

H



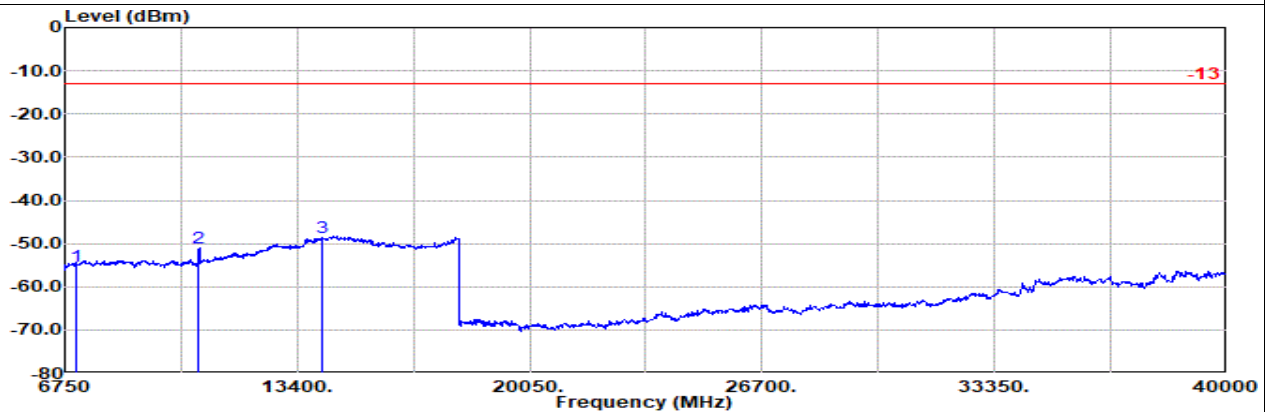
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 42 20M Ch42792 1RB99 QPSK

: LTE Band 42 20M Ch42990 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7057.00	-54.81	RMS	36.53	-20.58	1.15	-95.23	23.32	-13.00	-41.81 Horizontal
2	10586.00	-45.46	RMS	37.40	-20.65	0.51	-95.23	32.51	-13.00	-32.46 Horizontal
3	14115.00	-48.97	RMS	42.00	-20.61	0.46	-95.23	24.41	-13.00	-35.97 Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 42 20M Ch42792 1RB99 QPSK

: LTE Band 42 20M Ch42990 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7057.00	-55.28	RMS	36.53	-20.58	1.15	-95.23	22.85	-13.00	-42.28 Vertical
2	10586.00	-51.12	RMS	37.40	-20.65	0.51	-95.23	26.85	-13.00	-38.12 Vertical
3	14115.00	-48.72	RMS	42.00	-20.61	0.46	-95.23	24.66	-13.00	-35.72 Vertical

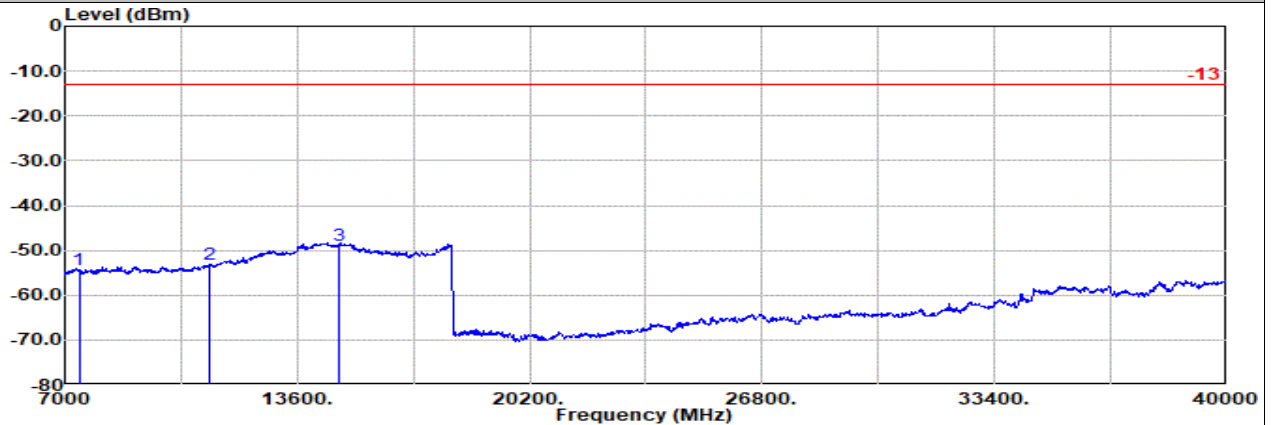


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Part 270 Mode 1

LTE B43 20M Ch44690 1RB0 QPSK

L

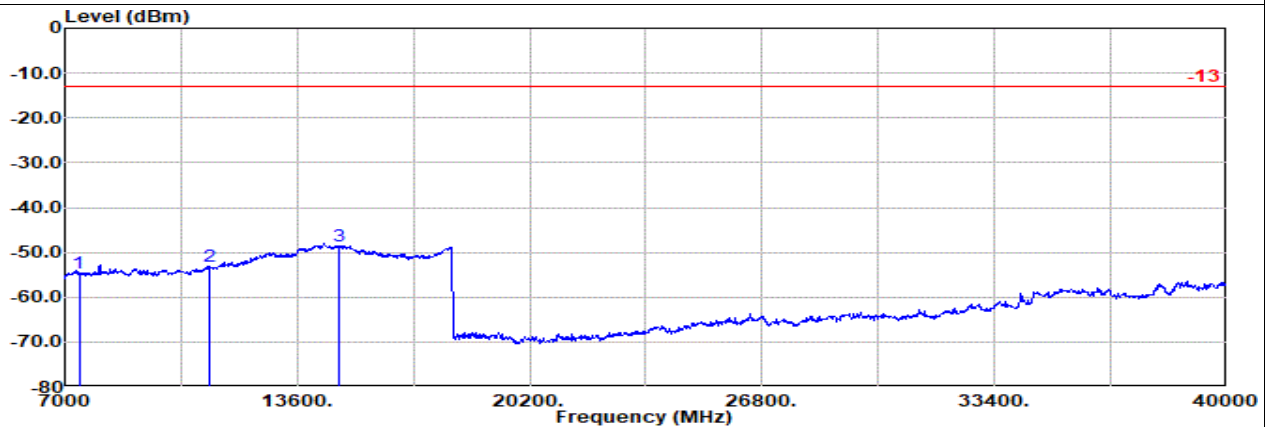


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 43 20M Ch44690 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7402.00	-54.24	RMS	37.11	-20.43	0.91	-95.23	23.40	-13.00	-41.24	Horizontal			
2	11103.00	-53.25	RMS	38.11	-20.48	0.53	-95.23	23.82	-13.00	-40.25	Horizontal			
3	14804.00	-48.89	RMS	42.19	-21.14	0.50	-95.23	24.79	-13.00	-35.89	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 43 20M Ch44690 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7402.00	-54.74	RMS	37.11	-20.43	0.91	-95.23	22.90	-13.00	-41.74	Vertical			
2	11103.00	-53.16	RMS	38.11	-20.48	0.53	-95.23	23.91	-13.00	-40.16	Vertical			
3	14804.00	-48.66	RMS	42.19	-21.14	0.50	-95.23	25.02	-13.00	-35.66	Vertical			

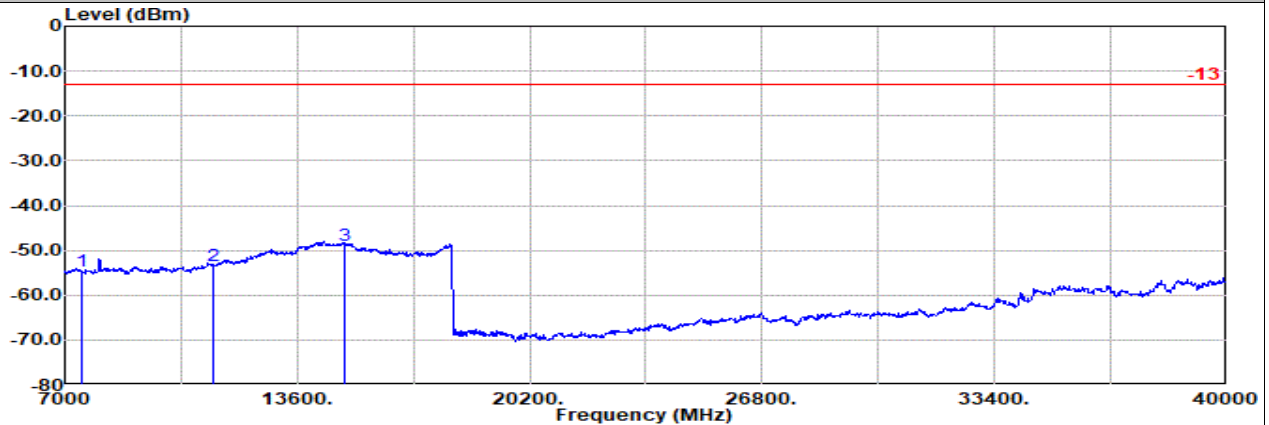


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Part 270 Mode 1

LTE B43 20M Ch45090 1RB0 QPSK

M

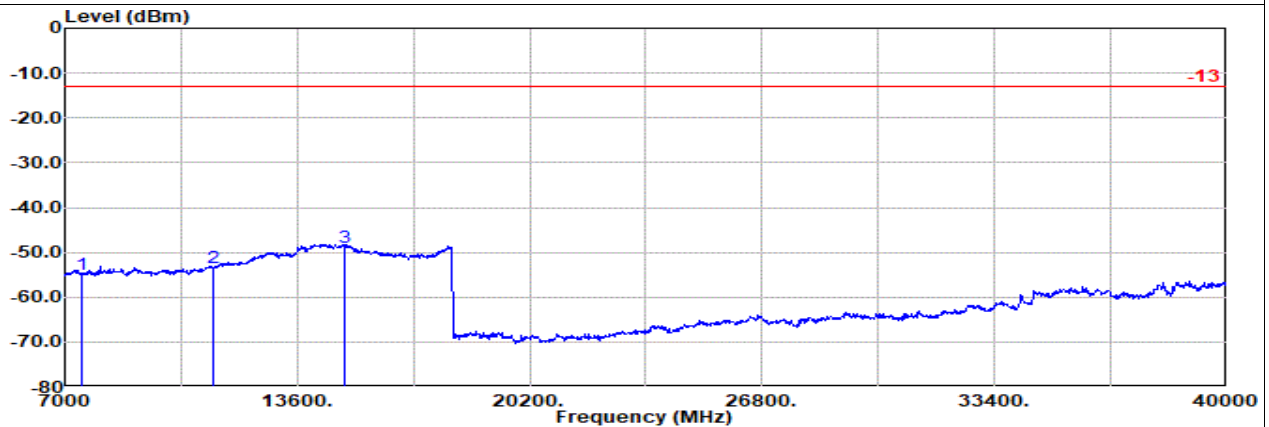


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 43 20M Ch45090 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7482.00	-54.73	RMS	37.17	-20.38	0.91	-95.23	22.80	-13.00	-41.73	Horizontal			
2	11223.00	-53.36	RMS	38.35	-20.45	0.53	-95.23	23.44	-13.00	-40.36	Horizontal			
3	14964.00	-48.86	RMS	42.10	-21.24	0.51	-95.23	25.00	-13.00	-35.86	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 43 20M Ch45090 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7482.00	-54.81	RMS	37.17	-20.38	0.91	-95.23	22.72	-13.00	-41.81	Vertical			
2	11223.00	-53.43	RMS	38.35	-20.45	0.53	-95.23	23.37	-13.00	-40.43	Vertical			
3	14964.00	-48.79	RMS	42.10	-21.24	0.51	-95.23	25.07	-13.00	-35.79	Vertical			

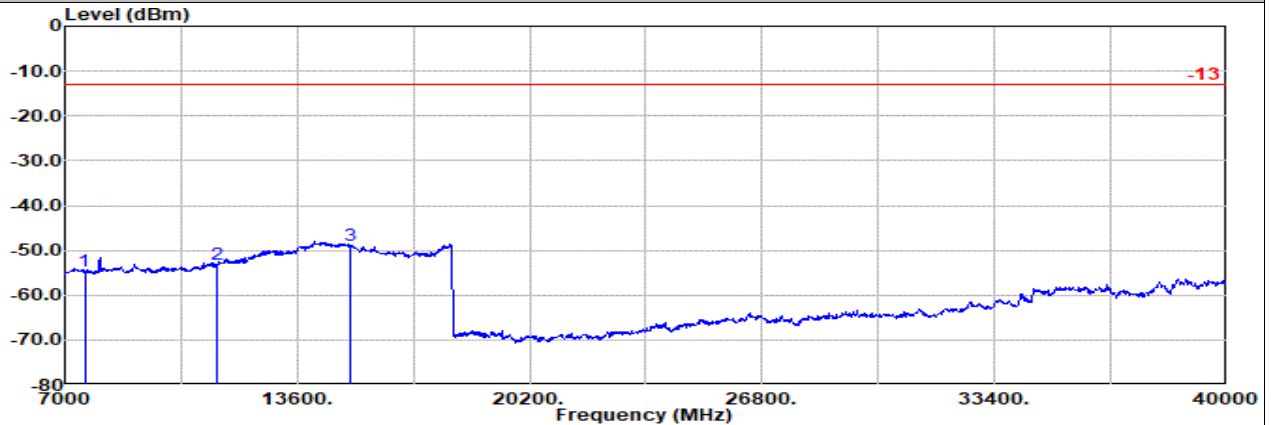


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Part 270 Mode 1

LTE B43 20M Ch45490 1RB0 QPSK

H

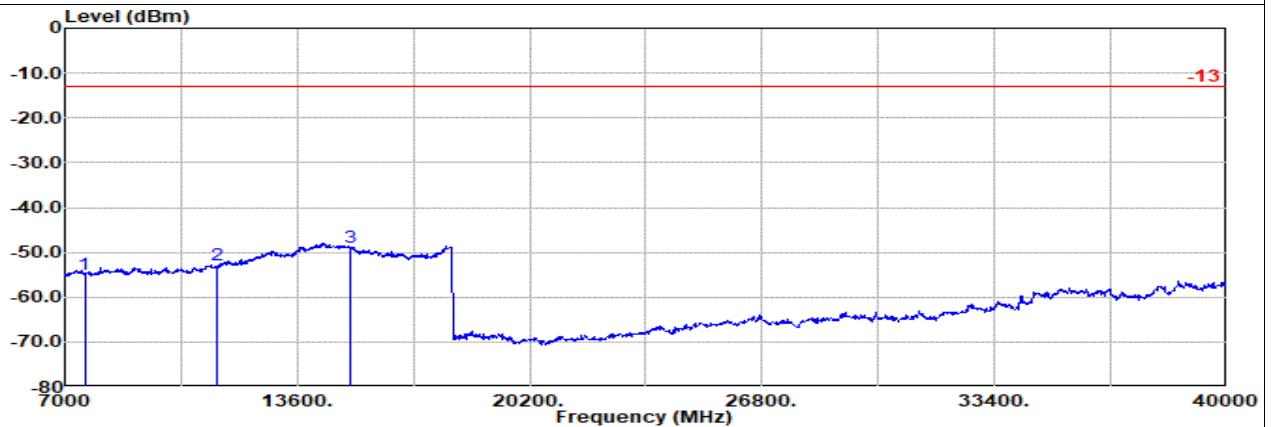


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 43 20M Ch44690 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7562.00	-54.67	RMS	36.90	-20.37	0.91	-95.23	23.12	-13.00	-41.67	Horizontal			
2	11343.00	-53.12	RMS	38.59	-20.43	0.54	-95.23	23.41	-13.00	-40.12	Horizontal			
3	15124.00	-48.85	RMS	41.90	-21.28	0.52	-95.23	25.24	-13.00	-35.85	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 43 20M Ch44690 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7562.00	-54.87	RMS	36.90	-20.37	0.91	-95.23	22.92	-13.00	-41.87	Vertical			
2	11343.00	-52.98	RMS	38.59	-20.43	0.54	-95.23	23.55	-13.00	-39.98	Vertical			
3	15124.00	-48.80	RMS	41.90	-21.28	0.52	-95.23	25.29	-13.00	-35.80	Vertical			

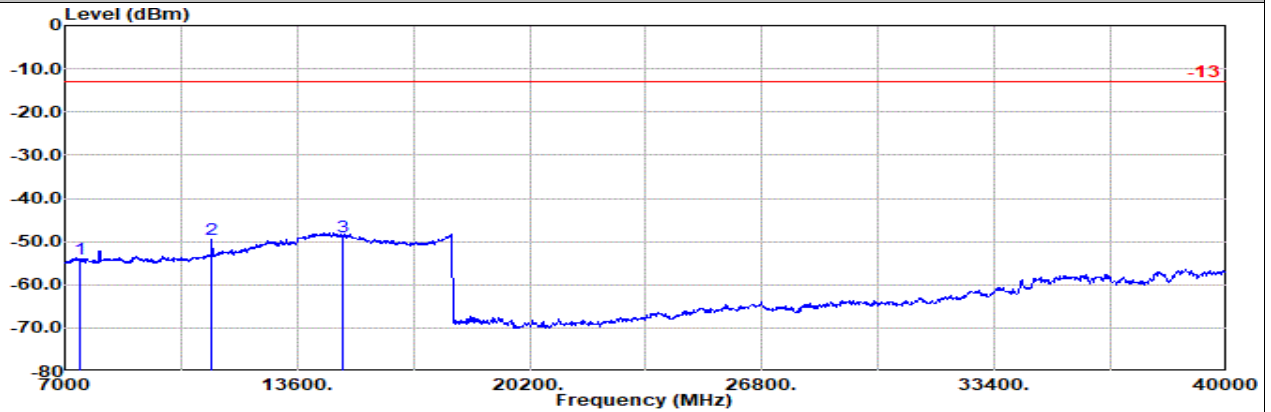


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Part 270 Mode 2

LTE CA 43C Ch44690 + Ch44888

L



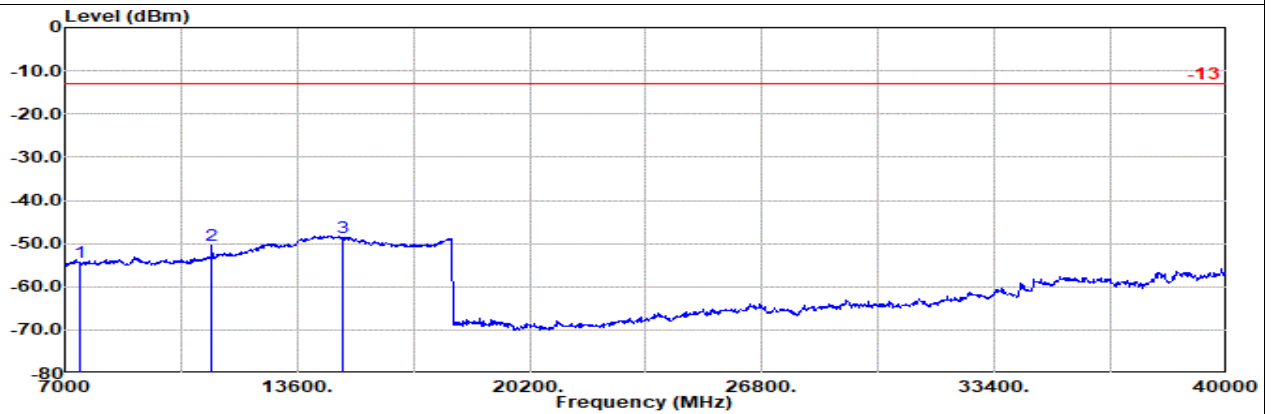
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 43 20M Ch44690 1RB99 QPSK

: LTE Band 43 20M Ch44888 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	7440.00	-54.08	RMS	37.26	-20.41	0.91	-95.23	23.39	-13.00	-41.08	Horizontal		
2	11160.00	-49.62	RMS	38.22	-20.47	0.53	-95.23	27.33	-13.00	-36.62	Horizontal		
3	14880.00	-48.89	RMS	42.10	-21.18	0.51	-95.23	24.91	-13.00	-35.89	Horizontal		



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 43 20M Ch44690 1RB99 QPSK

: LTE Band 43 20M Ch44888 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	7440.00	-54.20	RMS	37.26	-20.41	0.91	-95.23	23.27	-13.00	-41.20	Vertical		
2	11160.00	-50.27	RMS	38.22	-20.47	0.53	-95.23	26.68	-13.00	-37.27	Vertical		
3	14880.00	-48.60	RMS	42.10	-21.18	0.51	-95.23	25.20	-13.00	-35.60	Vertical		

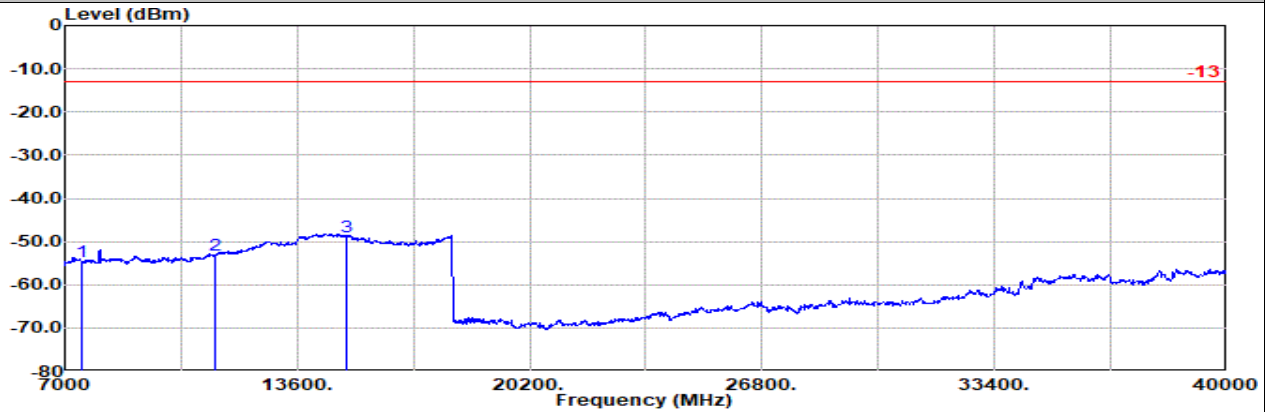


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Part 270 Mode 2

LTE CA 43C Ch44991 + Ch45189

M



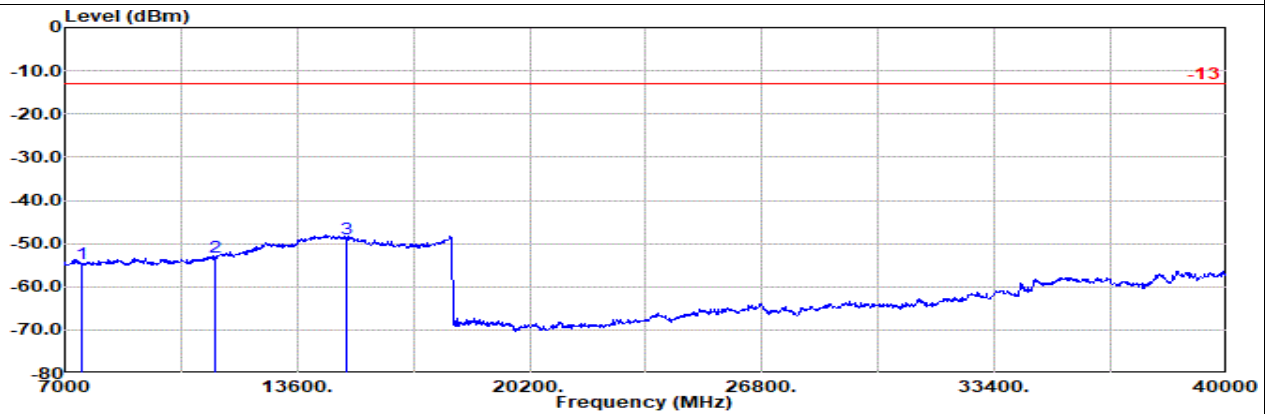
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 43 20M Ch44991 1RB99 QPSK

: LTE Band 43 20M Ch45189 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB		dBuV	dBm	dB	
1	7500.00	-54.72	RMS	37.10	-20.37	0.91	-95.23	22.87	-13.00	-41.72	Horizontal	
2	11250.00	-53.24	RMS	38.40	-20.45	0.53	-95.23	23.51	-13.00	-40.24	Horizontal	
3	15000.00	-48.86	RMS	42.10	-21.26	0.51	-95.23	25.01	-13.00	-35.86	Horizontal	



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 43 20M Ch44991 1RB99 QPSK

: LTE Band 43 20M Ch45189 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB		dBuV	dBm	dB	
1	7500.00	-54.66	RMS	37.10	-20.37	0.91	-95.23	22.93	-13.00	-41.66	Vertical	
2	11250.00	-53.26	RMS	38.40	-20.45	0.53	-95.23	23.49	-13.00	-40.26	Vertical	
3	15000.00	-48.88	RMS	42.10	-21.26	0.51	-95.23	24.99	-13.00	-35.88	Vertical	

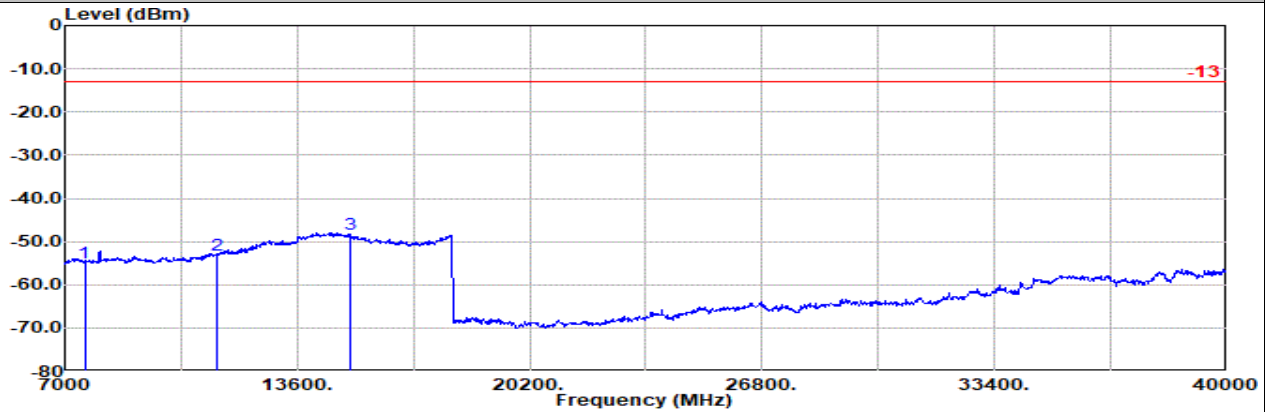


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Part 270 Mode 2

LTE CA 43C Ch45291 + Ch45489

H



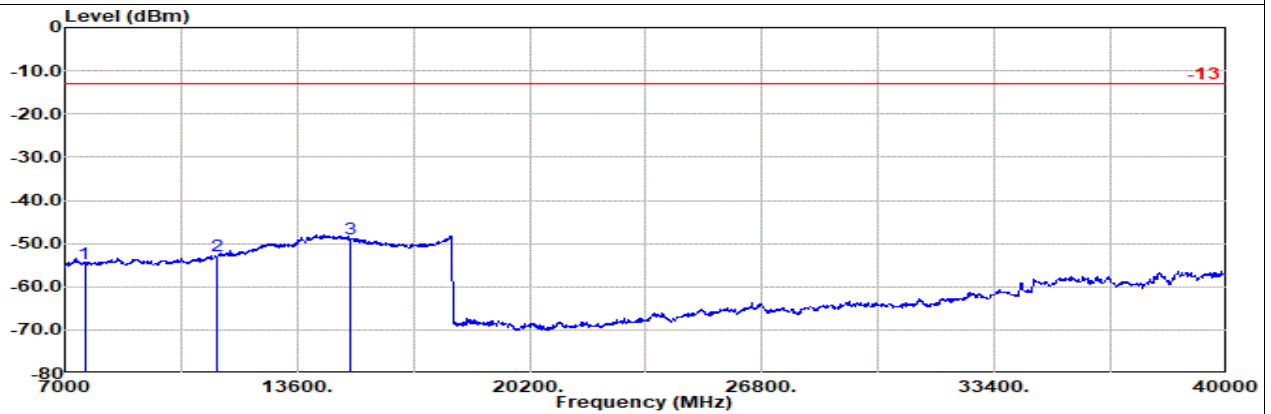
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 43 20M Ch45291 1RB99 QPSK

: LTE Band 43 20M Ch45489 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	7561.00	-54.83	RMS	36.90	-20.37	0.91 -95.23	22.96	-13.00	-41.83	Horizontal	
2	11341.00	-53.07	RMS	38.58	-20.43	0.54 -95.23	23.47	-13.00	-40.07	Horizontal	
3	15122.00	-48.41	RMS	41.91	-21.28	0.52 -95.23	25.67	-13.00	-35.41	Horizontal	



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 43 20M Ch45291 1RB99 QPSK

: LTE Band 43 20M Ch45489 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	7561.00	-54.63	RMS	36.90	-20.37	0.91 -95.23	23.16	-13.00	-41.63	Vertical	
2	11341.00	-52.83	RMS	38.58	-20.43	0.54 -95.23	23.71	-13.00	-39.83	Vertical	
3	15122.00	-48.90	RMS	41.91	-21.28	0.52 -95.23	25.18	-13.00	-35.90	Vertical	

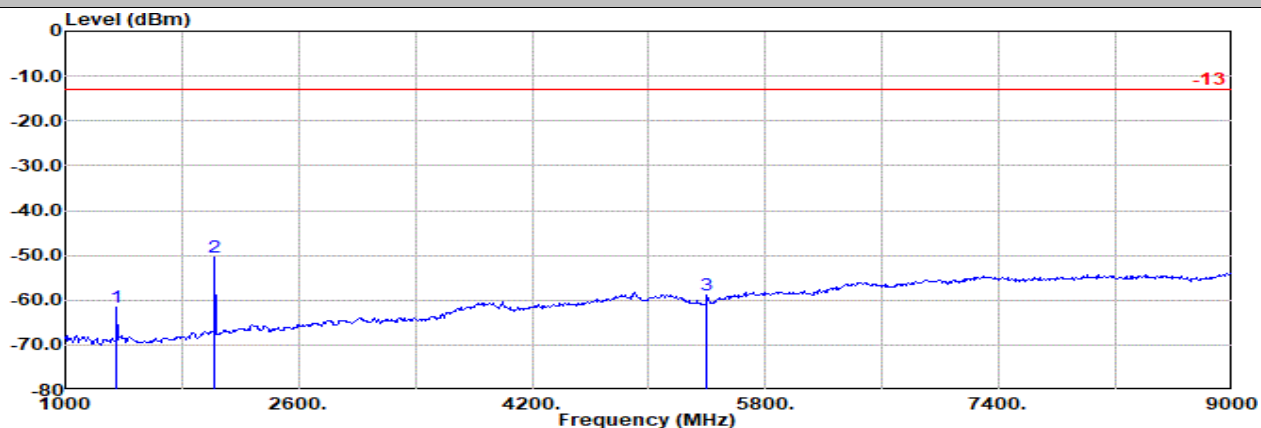


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Part 27N Mode 1

LTE B71 20M Ch133322 1RB0 QPSK

M

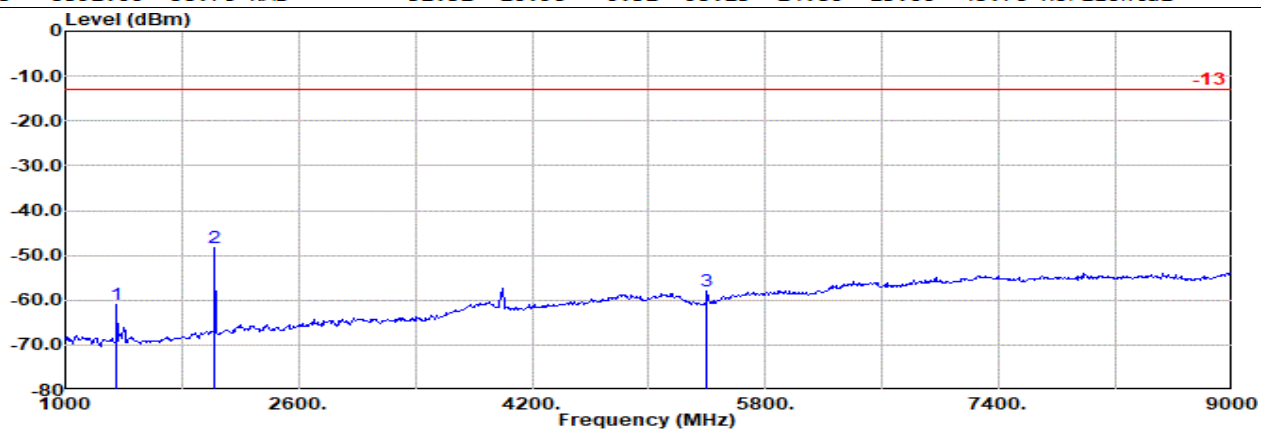


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 71 20M Ch133322 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dB		dBm	dB		
1	1348.00	-61.59	RMS	24.46	-25.44	0.63	-95.23	33.99	-13.00	-48.59	Horizontal		
2	2022.00	-50.53	RMS	26.28	-24.29	0.49	-95.23	42.22	-13.00	-37.53	Horizontal		
3	5392.00	-58.76	RMS	32.32	-20.96	0.31	-95.23	24.80	-13.00	-45.76	Horizontal		



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 71 20M Ch133322 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dB		dBm	dB		
1	1348.00	-61.12	RMS	24.46	-25.44	0.63	-95.23	34.46	-13.00	-48.12	Vertical		
2	2022.00	-48.17	RMS	26.28	-24.29	0.49	-95.23	44.58	-13.00	-35.17	Vertical		
3	5392.00	-57.86	RMS	32.32	-20.96	0.31	-95.23	25.70	-13.00	-44.86	Vertical		

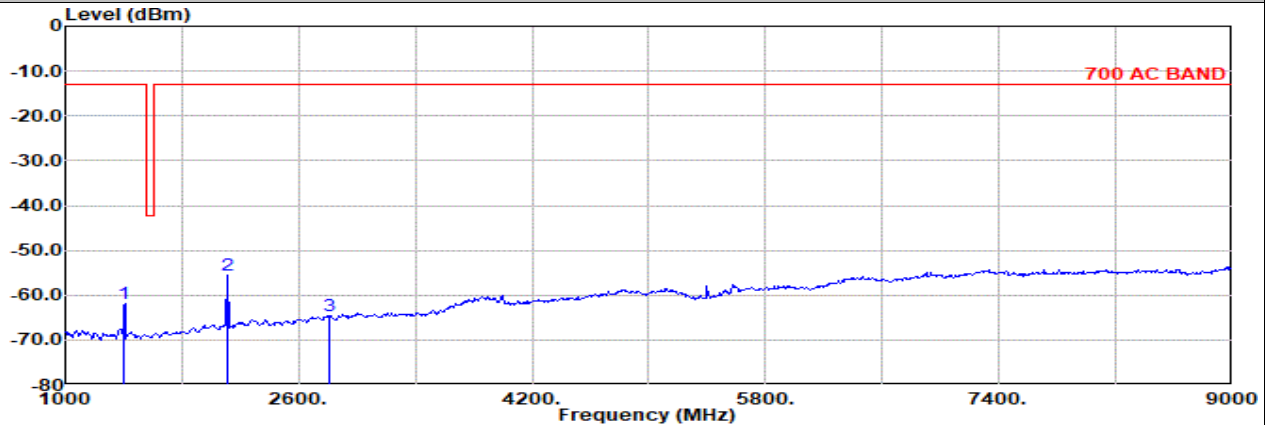


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Part 27H Mode 1

LTE B12 10M Ch23095 1RB0 QPSK

M

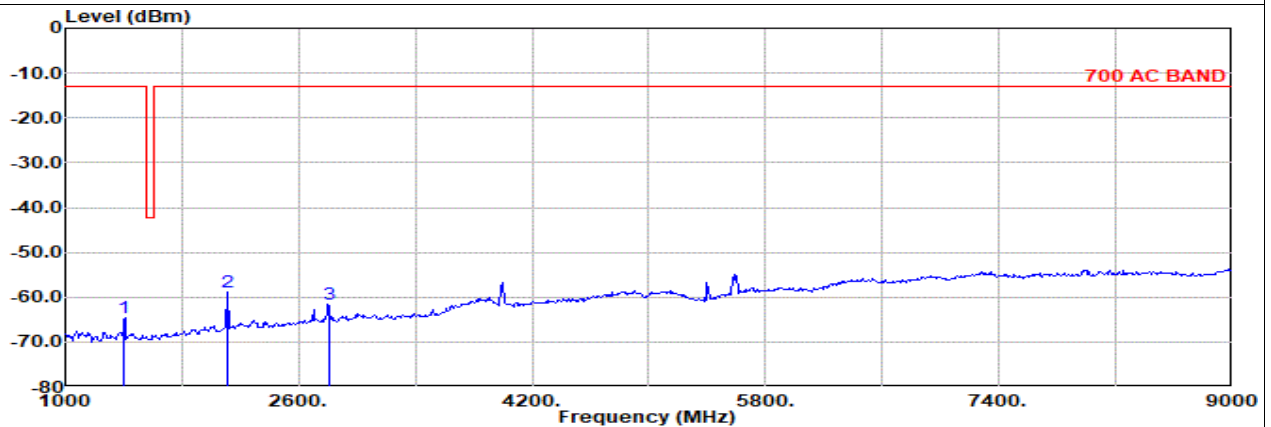


Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 12 10M Ch23095 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	1406.00	-61.85	RMS	24.70	-25.33	0.54	-95.23	33.47	-13.00	-48.85 Horizontal
2	2109.00	-55.66	RMS	26.20	-24.18	0.52	-95.23	37.03	-13.00	-42.66 Horizontal
3	2812.00	-64.61	RMS	27.90	-23.19	0.36	-95.23	25.55	-13.00	-51.61 Horizontal



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 12 10M Ch23095 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	1406.00	-64.51	RMS	24.70	-25.33	0.54	-95.23	30.81	-13.00	-51.51 Vertical
2	2109.00	-58.77	RMS	26.20	-24.18	0.52	-95.23	33.92	-13.00	-45.77 Vertical
3	2812.00	-61.72	RMS	27.90	-23.19	0.36	-95.23	28.44	-13.00	-48.72 Vertical

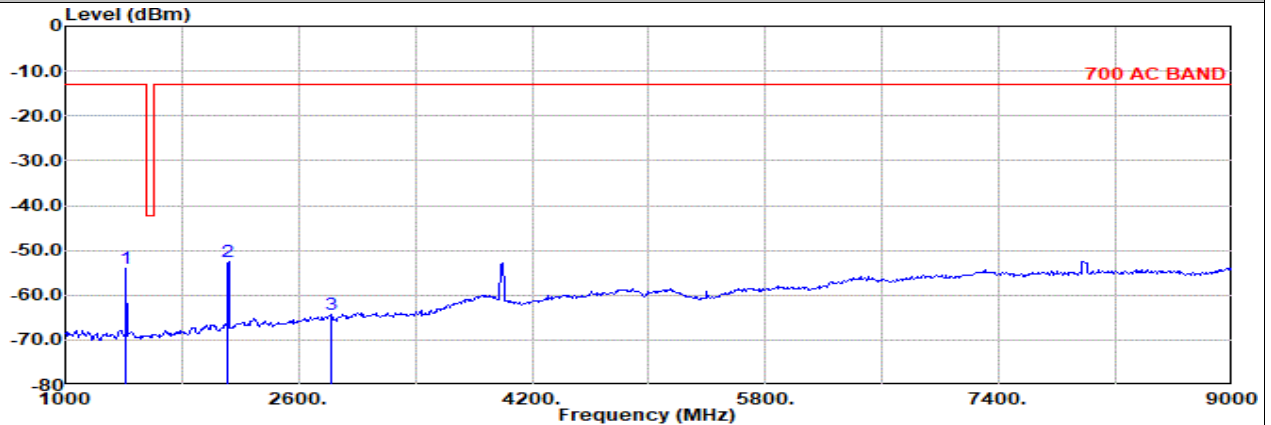


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Part 27H Mode 2

LTE B17 10M Ch23790 1RB0 QPSK

M

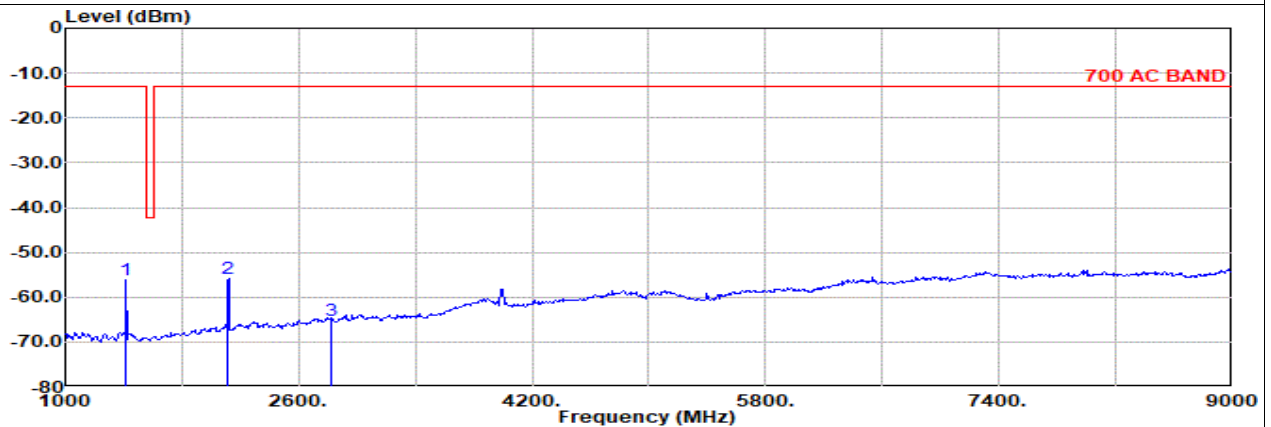


Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 17 10M Ch23790 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	1411.00	-54.10	RMS	24.69	-25.32	0.53	-95.23	41.23	-13.00	-41.10	Horizontal
2	2116.00	-52.54	RMS	26.20	-24.17	0.53	-95.23	40.14	-13.00	-39.54	Horizontal
3	2822.00	-64.41	RMS	27.90	-23.17	0.37	-95.23	25.72	-13.00	-51.41	Horizontal



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 17 10M Ch23790 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	1411.00	-56.27	RMS	24.69	-25.32	0.53	-95.23	39.06	-13.00	-43.27	Vertical
2	2116.00	-55.91	RMS	26.20	-24.17	0.53	-95.23	36.77	-13.00	-42.91	Vertical
3	2822.00	-65.12	RMS	27.90	-23.17	0.37	-95.23	25.01	-13.00	-52.12	Vertical

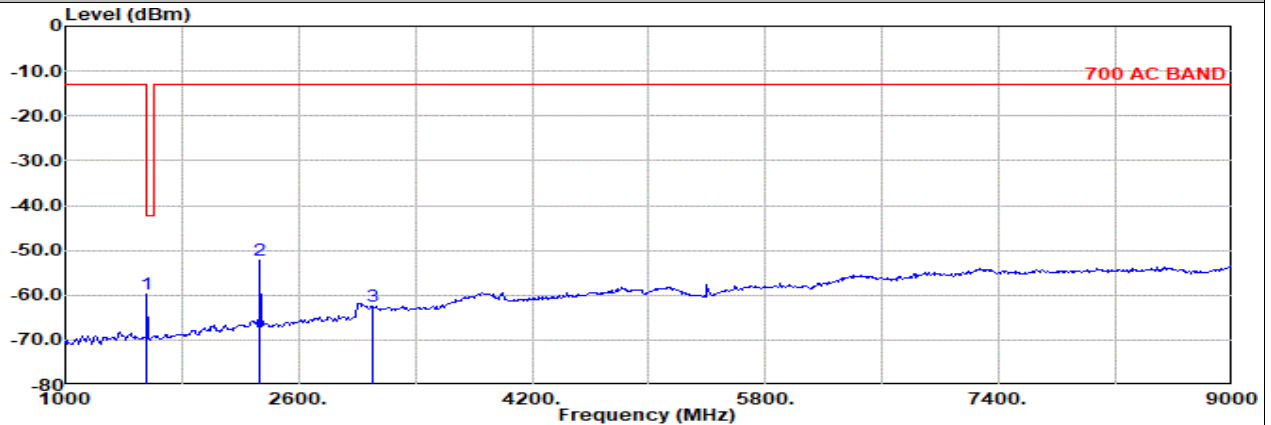


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Part 27F Mode 1

LTE B13 10M Ch23230 1RB0 QPSK

M

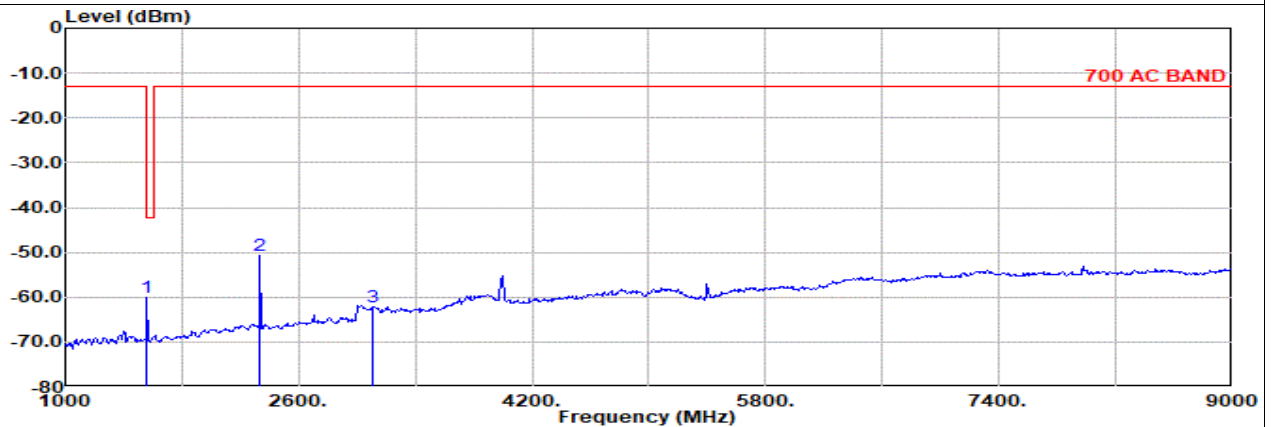


Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 13 10M Ch23230 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dB	dB		
1	1555.00	-59.76	RMS	24.25	-25.02	0.00	-95.23	36.24	-13.00	-46.76	Horizontal
2	2333.00	-52.20	RMS	26.97	-23.90	0.00	-95.23	39.96	-13.00	-39.20	Horizontal
3	3110.00	-62.63	RMS	28.02	-22.84	2.18	-95.23	25.24	-13.00	-49.63	Horizontal



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 13 10M Ch23230 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dB	dB		
1	1555.00	-59.96	RMS	24.25	-25.02	0.00	-95.23	36.04	-13.00	-46.96	Vertical
2	2333.00	-50.70	RMS	26.97	-23.90	0.00	-95.23	41.46	-13.00	-37.70	Vertical
3	3110.00	-62.15	RMS	28.02	-22.84	2.18	-95.23	25.72	-13.00	-49.15	Vertical

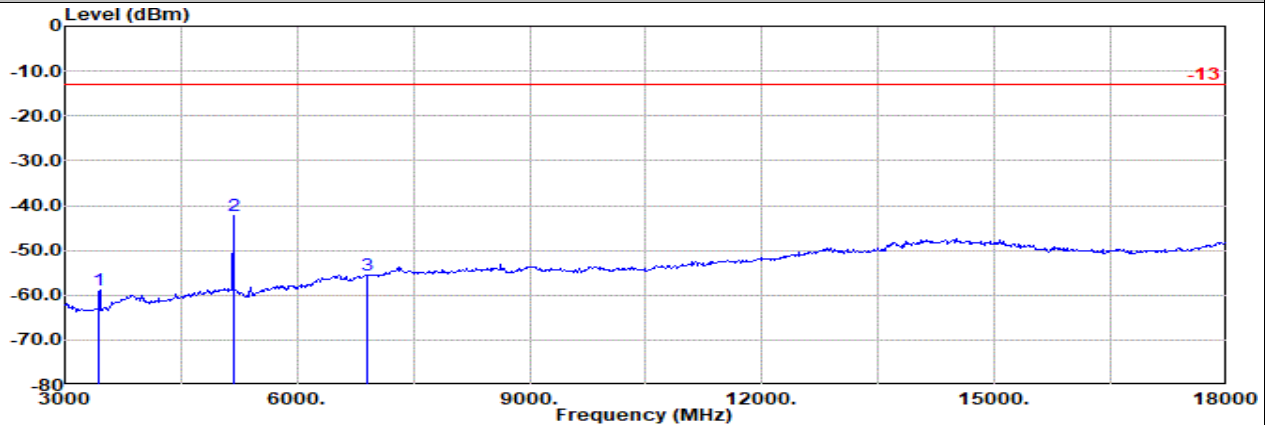


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Part 27L Mode 2

LTE B4 20M Ch20175 1RB0 QPSK

M

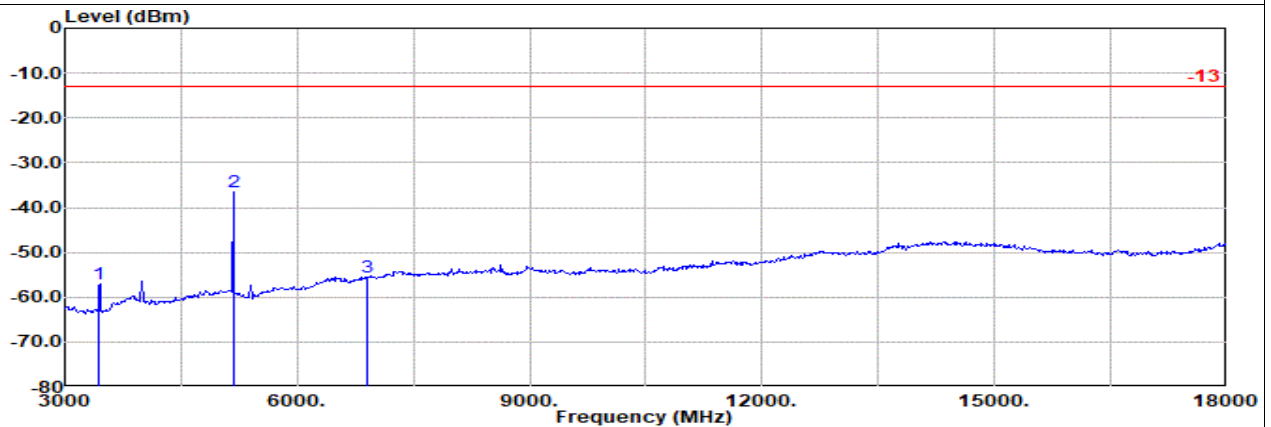


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 4 20M Ch20175 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3447.00	-58.81	RMS	28.59	-22.70	1.42	-95.23	29.11	-13.00	-45.81	Horizontal			
2	5170.00	-42.41	RMS	32.66	-20.94	0.62	-95.23	40.48	-13.00	-29.41	Horizontal			
3	6894.00	-55.43	RMS	36.69	-20.61	0.56	-95.23	23.16	-13.00	-42.43	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 4 20M Ch20175 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3447.00	-56.94	RMS	28.59	-22.70	1.42	-95.23	30.98	-13.00	-43.94	Vertical			
2	5170.00	-36.54	RMS	32.66	-20.94	0.62	-95.23	46.35	-13.00	-23.54	Vertical			
3	6894.00	-55.46	RMS	36.69	-20.61	0.56	-95.23	23.13	-13.00	-42.46	Vertical			

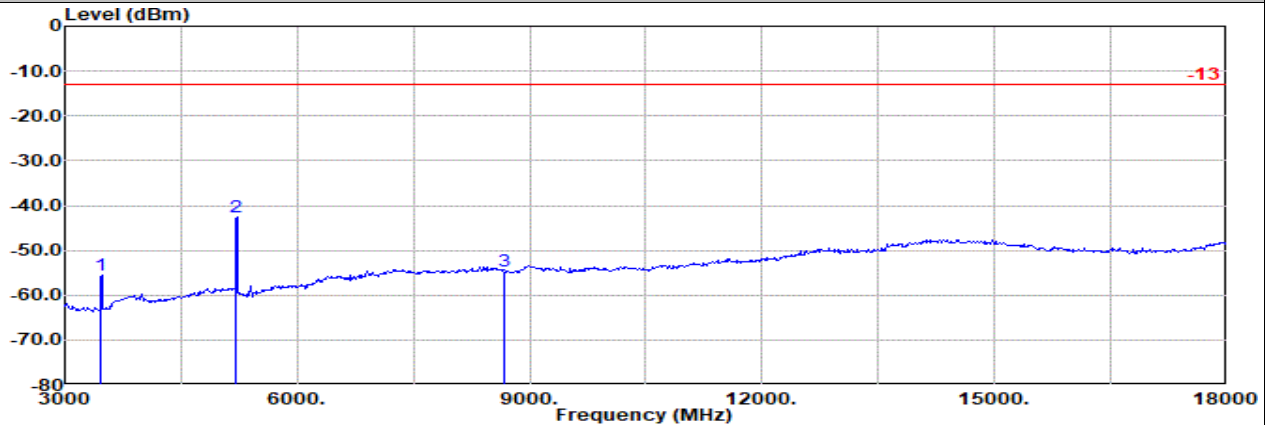


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Part 27L Mode 3

LTE B66 20M Ch132322 1RB0 QPSK

M

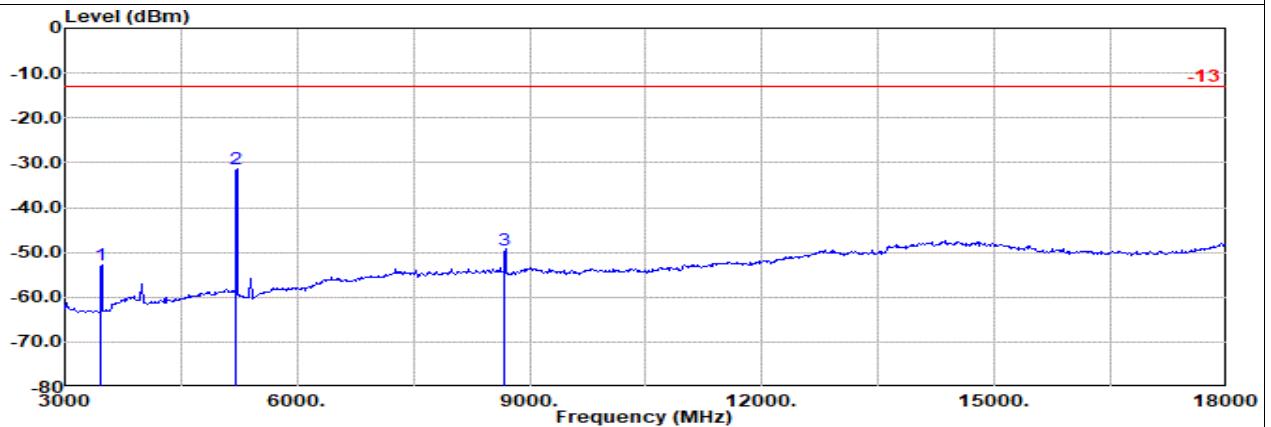


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 66 20M Ch132322 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3472.00	-55.46	RMS	28.69	-22.69	1.38	-95.23	32.39	-13.00	-42.46	Horizontal			
2	5208.00	-42.59	RMS	32.57	-20.92	0.62	-95.23	40.37	-13.00	-29.59	Horizontal			
3	8680.00	-54.66	RMS	37.08	-20.41	0.66	-95.23	23.24	-13.00	-41.66	Horizontal			



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 66 20M Ch132322 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3472.00	-52.97	RMS	28.69	-22.69	1.38	-95.23	34.88	-13.00	-39.97	Vertical			
2	5208.00	-31.27	RMS	32.57	-20.92	0.62	-95.23	51.69	-13.00	-18.27	Vertical			
3	8680.00	-49.36	RMS	37.08	-20.41	0.66	-95.23	28.54	-13.00	-36.36	Vertical			

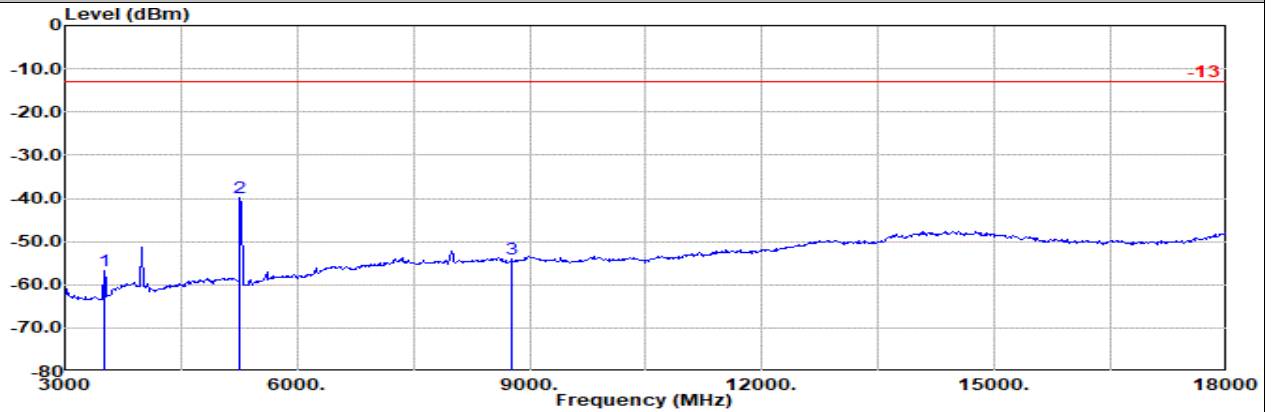


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Part 27L Mode 4

LTE CA 66B Ch132373 + Ch132472

M



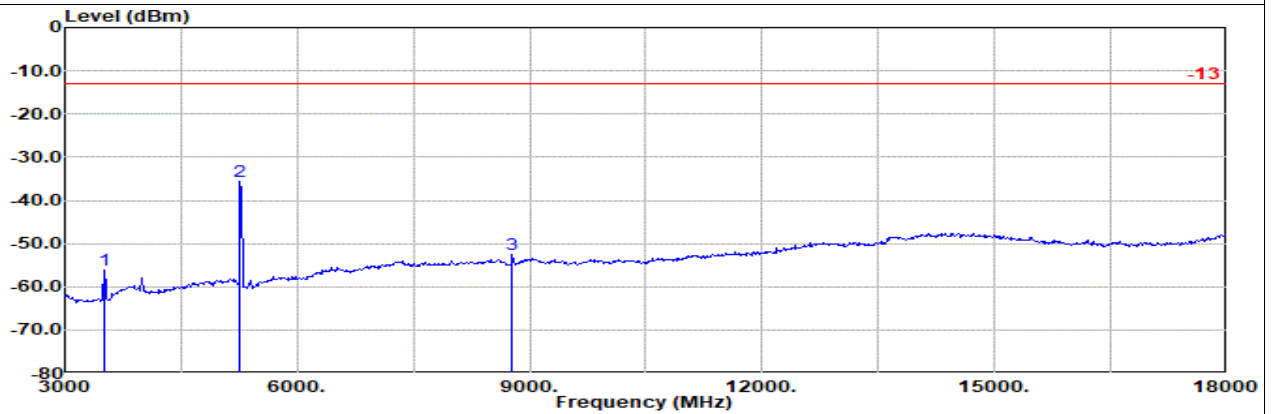
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 66 10M Ch132373 1RB49 QPSK

: LTE Band 66 10M Ch132472 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin Pol	
	MHz	dBm		Factor	1		g			
1	3508.00	-56.64	RMS	28.85	-22.67	1.33	-95.23	31.08	-13.00	-43.64 Horizontal
2	5263.00	-39.84	RMS	32.37	-20.94	0.66	-95.23	43.30	-13.00	-26.84 Horizontal
3	8772.00	-53.89	RMS	37.10	-20.38	0.65	-95.23	23.97	-13.00	-40.89 Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 66 10M Ch132373 1RB49 QPSK

: LTE Band 66 10M Ch132472 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin Pol	
	MHz	dBm		Factor	1		g			
1	3508.00	-56.00	RMS	28.85	-22.67	1.33	-95.23	31.72	-13.00	-43.00 Vertical
2	5263.00	-35.69	RMS	32.37	-20.94	0.66	-95.23	47.45	-13.00	-22.69 Vertical
3	8772.00	-52.48	RMS	37.10	-20.38	0.65	-95.23	25.38	-13.00	-39.48 Vertical

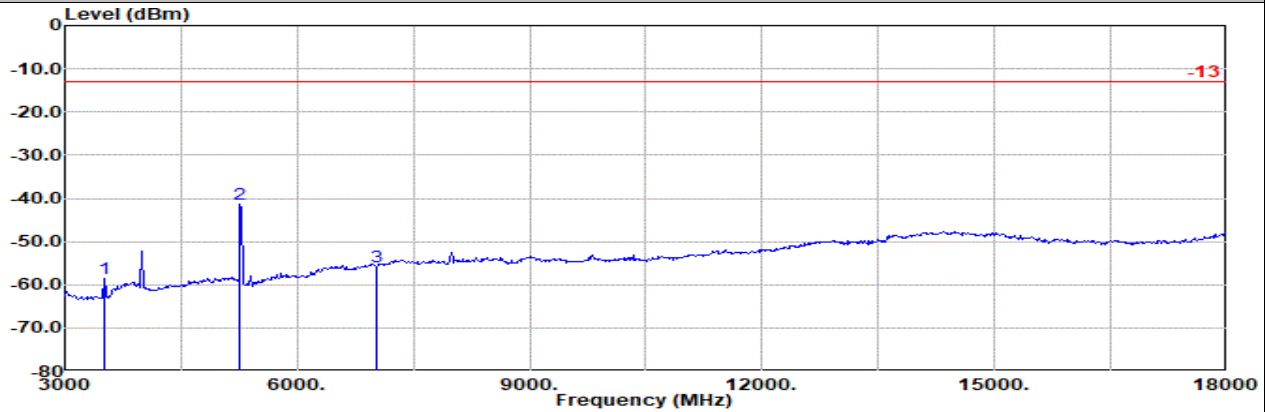


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Part 27L Mode 5

LTE CA 66C Ch132323 + Ch132521

M



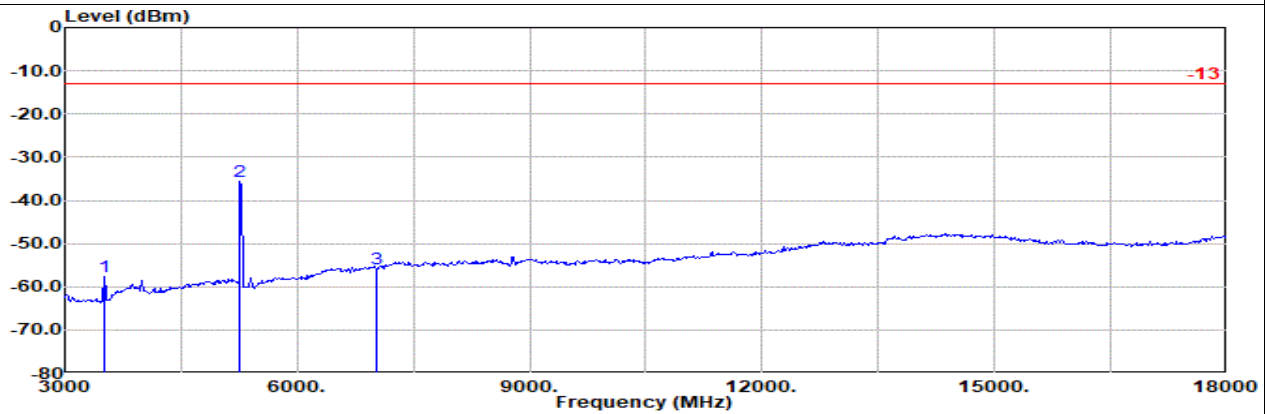
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 66 20M Ch132323 1RB99 QPSK

: LTE Band 66 20M Ch132521 1RB0 QPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin		Pol
				Factor	Amp\Cb		1						
	MHz	dBm											
1	3508.00	-58.57	RMS	28.85	-22.67	1.33	-95.23		29.15	-13.00	-45.57		Horizontal
2	5262.00	-41.41	RMS	32.38	-20.94	0.66	-95.23		41.72	-13.00	-28.41		Horizontal
3	7016.00	-55.71	RMS	36.57	-20.59	0.58	-95.23		22.96	-13.00	-42.71		Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 66 20M Ch132323 1RB99 QPSK

: LTE Band 66 20M Ch132521 1RB0 QPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin		Pol
				Factor	Amp\Cb		1						
	MHz	dBm											
1	3508.00	-57.78	RMS	28.85	-22.67	1.33	-95.23		29.94	-13.00	-44.78		Vertical
2	5262.00	-35.48	RMS	32.38	-20.94	0.66	-95.23		47.65	-13.00	-22.48		Vertical
3	7016.00	-55.75	RMS	36.57	-20.59	0.58	-95.23		22.92	-13.00	-42.75		Vertical

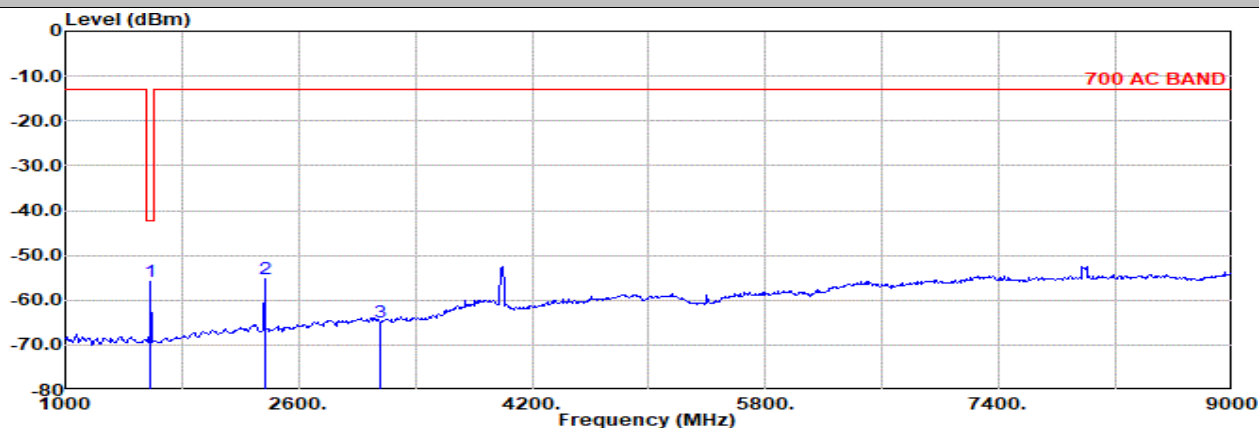


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Part 90R Mode 1

LTE B14 10M Ch23330 1RB0 QPSK

M

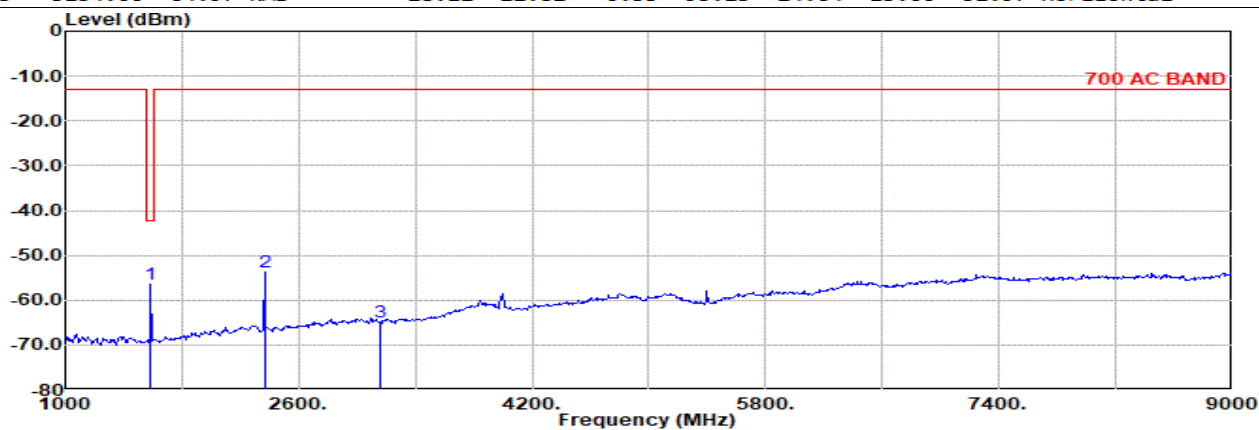


Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 14 10M Ch23330 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	1577.00	-55.99	RMS	24.40	-24.98	0.44	-95.23	39.38	-42.15	-13.84
2	2365.00	-55.15	RMS	27.00	-23.86	0.38	-95.23	36.56	-13.00	-42.15
3	3154.00	-64.97	RMS	28.11	-22.82	0.33	-95.23	24.64	-13.00	-51.97



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 14 10M Ch23330 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	1577.00	-56.36	RMS	24.40	-24.98	0.44	-95.23	39.01	-42.15	-14.21
2	2365.00	-53.68	RMS	27.00	-23.86	0.38	-95.23	38.03	-13.00	-40.68
3	3154.00	-64.86	RMS	28.11	-22.82	0.33	-95.23	24.75	-13.00	-51.86

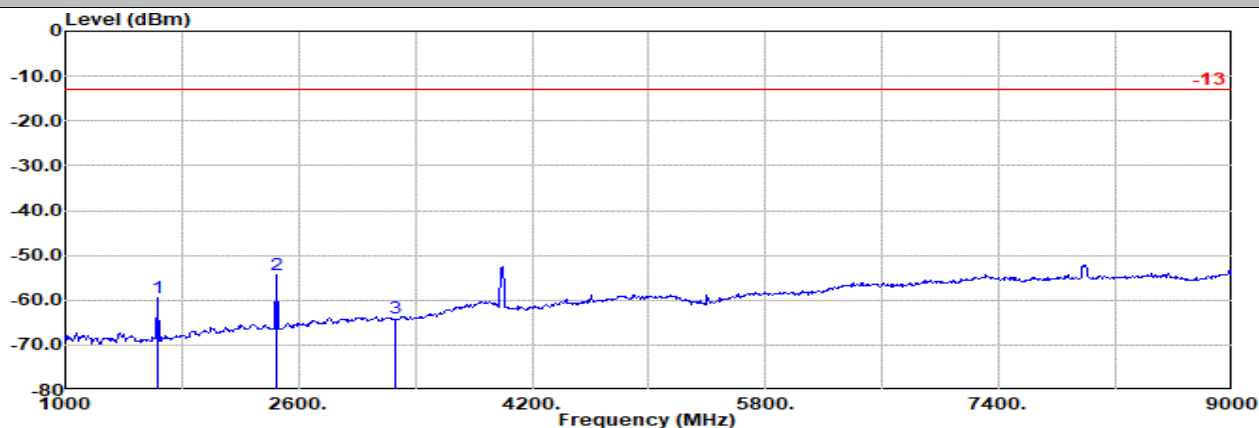


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Part 90S Mode 1

LTE B26 10M Ch26740 1RB0 QPSK

M

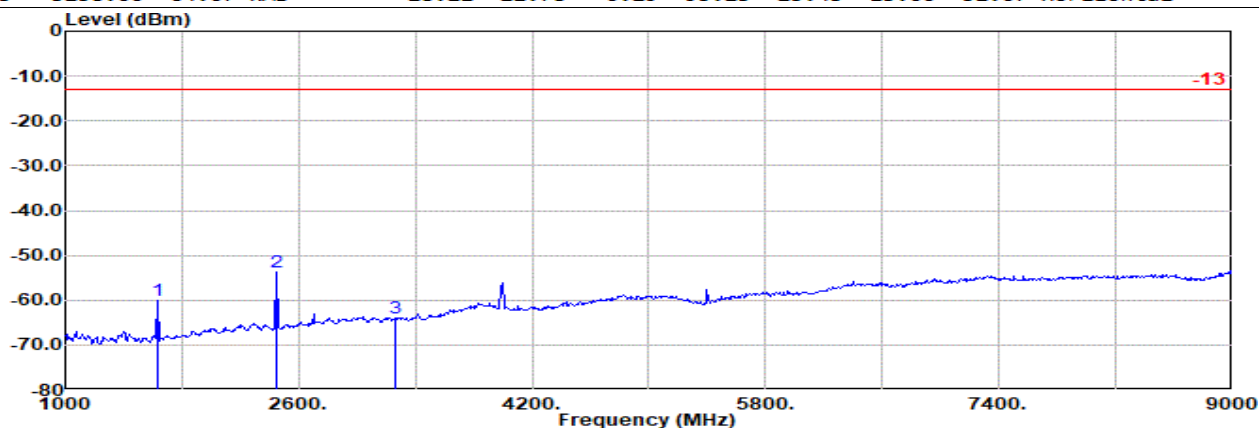


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 26 10M Ch26740 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	1629.00	-59.55	RMS	24.60	-24.90	0.47	-95.23	35.51	-13.00	-46.55 Horizontal
2	2444.00	-54.35	RMS	26.74	-23.77	0.33	-95.23	37.58	-13.00	-41.35 Horizontal
3	3258.00	-64.07	RMS	28.22	-22.78	0.29	-95.23	25.43	-13.00	-51.07 Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 26 10M Ch26740 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	1629.00	-59.96	RMS	24.60	-24.90	0.47	-95.23	35.10	-13.00	-46.96 Vertical
2	2444.00	-53.62	RMS	26.74	-23.77	0.33	-95.23	38.31	-13.00	-40.62 Vertical
3	3258.00	-63.88	RMS	28.22	-22.78	0.29	-95.23	25.62	-13.00	-50.88 Vertical

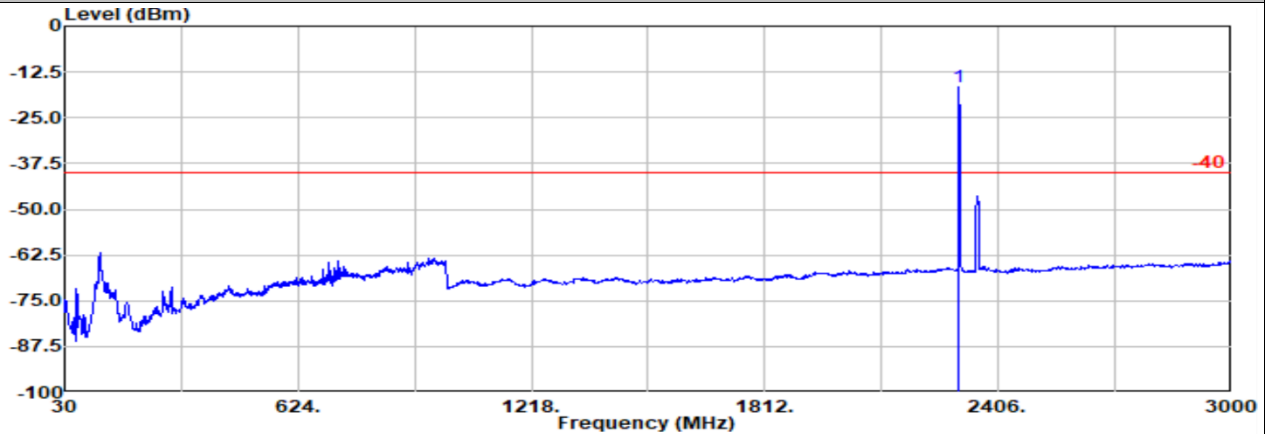


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Part 27D Mode 1

LTE B30 5M Ch27685 1RB0 QPSK

L



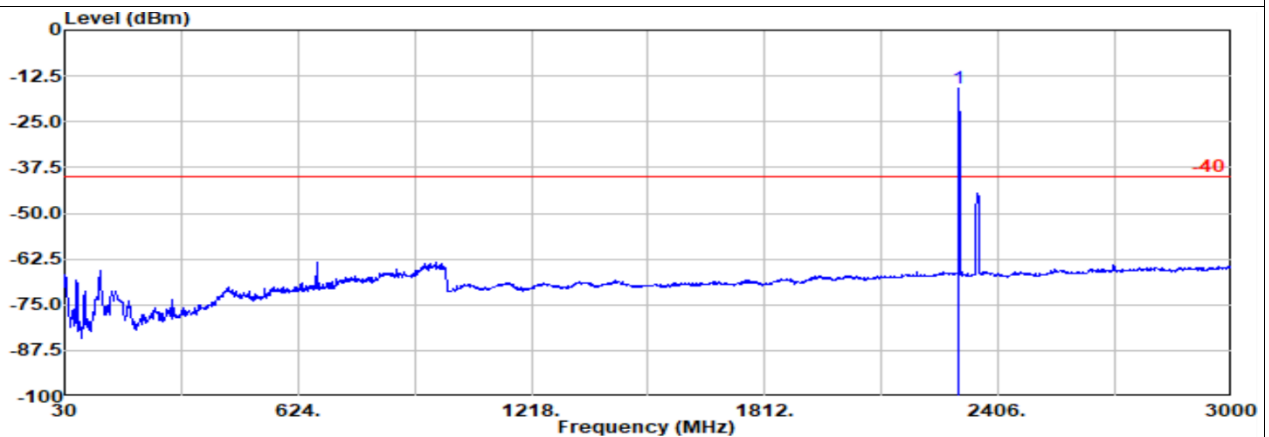
Site : 03CH22-HY

Condition: -40 3m DRH18-E_LE2C04A18EN_240711 Horizontal

: LTE Band 30 5M Ch27685 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g	dBm		
1	2305.00	-16.42	RMS	26.95	-23.94	0.00	-95.23	75.80	-40.00	23.58 Horizontal



Site : 03CH22-HY

Condition: -40 3m DRH18-E_LE2C04A18EN_240711 Vertical

: LTE Band 30 5M Ch27685 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g	dBm		
1	2305.00	-15.88	RMS	26.95	-23.94	0.00	-95.23	76.34	-40.00	24.12 Vertical

Remark: #1 is fundamental signal which can be ignored.