



FCC RADIO TEST REPORT

FCC ID : B94HNI65C4BLV
Equipment : Notebook Computer
Brand Name : HP
Model Name : HSN-I65C-4
Applicant : HP Inc.
1501 Page Mill Road, Palo Alto CA, 94304, USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R),
Part 90(S)

The product was received on Jan. 28, 2026 and testing was performed from Feb. 25, 2026 to Mar. 12, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E 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. Wensan Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG591806-02	01	Initial issue of report	Mar. 30, 2026
FG591806-02	02	Revise section 1.1 and appendix A. This report is an updated version, replacing the report issued on Mar. 30, 2026.	Apr. 01, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046 RSS-195 5.5 RSS-140 4.3	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)		
	RSS-133 5.5 SRSP-510 §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)	Equivalent Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
-	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	See Note
-	§2.1049 RSS-195 3.1 RSS-140 2.3	Occupied Bandwidth	Pass	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	See Note
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
-	§2.1051 §90.210 (n)	Emission Mask (Band 14)	Pass	See Note
	§2.1051 §90.691	Emission masks (Band 26)		

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h)§90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	See Note
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
-	§2.1055 §22.355 §24.235 §27.54 §90.539 (e)§90.213	Frequency Stability Temperature & Voltage	Pass	See Note
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	-
	§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)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		

Note:

- 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.
- RF measurements were verified at the original module's power level. The RF test results show that the host device continues to meet compliance requirements even under the most stringent conditions. However, to comply with SAR regulations, the power settings of the host device have been reduced, and the actual power levels are presented in the SAR report.

**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: Sheng Kuo

Report Producer: Vina Su



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11ax/be, NFC and GNSS
Integrated WLAN Module	Brand Name: Intel Model Name: BE211D2W FCC ID: PD9BE211D2
Integrated NFC Module	Brand Name: WNC Model Name: XRAV1 FCC ID: NKR-XRAV1
Antenna Type	WWAN: PIFA Antenna WLAN: <Main>: PIFA Antenna <Aux.>: PIFA Antenna Bluetooth: PIFA Antenna GPS/Glonass/BDS/Galileo: PIFA Antenna NFC: Loop Antenna

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71, B2C, B7C, B41C, B66B, B66C
Evaluated and Tested band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71, B2C, B7C, B41C, B66B, B66C
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: ■ B26 cover B5 (Part 22) ■ B25 cover B2 (Part 24) ■ B66 cover B4 (Part 27) ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27)

TDD band Power Class		
	PC3	PC2
B38	V	-
B41	V	-

WWAN Antenna Information				
Antenna 5	Manufacturer	Vendor 1	Peak gain (dBi)	LTE Band 2: 0.15 LTE Band 4: -0.49 LTE Band 5: -1.86 LTE Band 7: -1.47 LTE Band 12: 0.26 LTE Band 13: -0.13 LTE Band 14: -0.93 LTE Band 17: 0.26 LTE Band 25: 0.15 LTE Band 26: -1.47 LTE Band 30: -1.87 LTE Band 38: -2.34 LTE Band 41: 0.39 LTE Band 66: -0.49 LTE Band 71: 0.09
	Part number	6036B0383901 (260-27594)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	LTE Band 2: -0.06 LTE Band 4: 1.19 LTE Band 5: -3.54 LTE Band 7: -3.54 LTE Band 12: -1.60 LTE Band 13: -1.73 LTE Band 14: -2.40 LTE Band 17: -1.60 LTE Band 25: -0.06 LTE Band 26: -3.36 LTE Band 30: -1.49 LTE Band 38: -3.54 LTE Band 41: -3.54 LTE Band 66: 1.59 LTE Band 71: -2.56
	Part number	81EACC15.G29	Type	PIFA
Antenna 8	Manufacturer	Vendor 1	Peak gain (dBi)	LTE Band 2: -2.21 LTE Band 7: -3.98 LTE Band 30: -5.28 LTE Band 66: -2.67
	Part number	6036B0383701 (260-27596)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	LTE Band 2: -0.80 LTE Band 7: 0.17 LTE Band 30: -0.27 LTE Band 66: -0.69
	Part number	81EACC15.G31	Type	PIFA

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	TH05-HY	03CH15-HY
Test Engineer	Yuki Chen	Sam Pan, Quentin Liu, and Bigshow Wang
Temperature (°C)	22.3~22.9 °C	21.1~ 21.7 °C
Relative Humidity (%)	53.2~55.5 %	51 ~ 58 %

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

FCC Designation No.: TW3786

1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ 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.

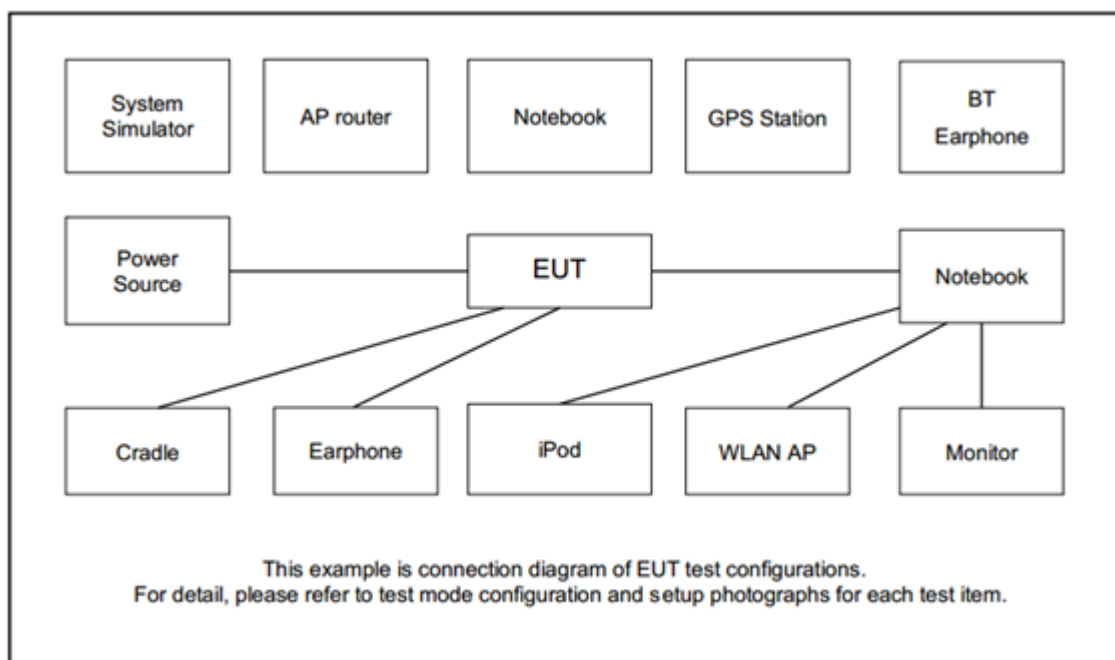
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B	All	1RB	L, M, H
ERP/EIRP	A, B	All	1RB	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. For modulation of QPSK & 16QAM, the maximum power of QPSK & 16QAM is higher than other modulation(64QAM/256QAM), therefore, according to engineering evaluation, we choose higher power (QPSK & 16QAM) to perform tests and show in the report.
4. During the RSE preliminary test, the standalone mode and charging modes were verified. It is determined that the charging modes is the worst case for the official test.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Iphone Earphone	Apple	N/A	N/A	Shielded, 1.2m	N/A
2.	Base Station	Anritsu	8821	N/A	N/A	Unshielded, 1.8 m
3.	Base Station	Anritsu	MT8000	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.2 + 10 = 14.2 \text{ (dB)}
 \end{aligned}$$



2.5 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 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 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 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 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

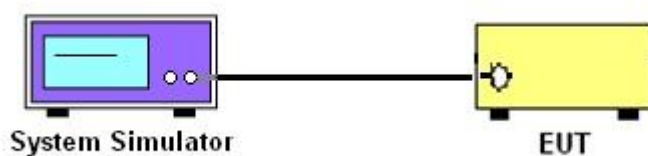
3 Conducted Test Items

3.1 Measuring Instruments

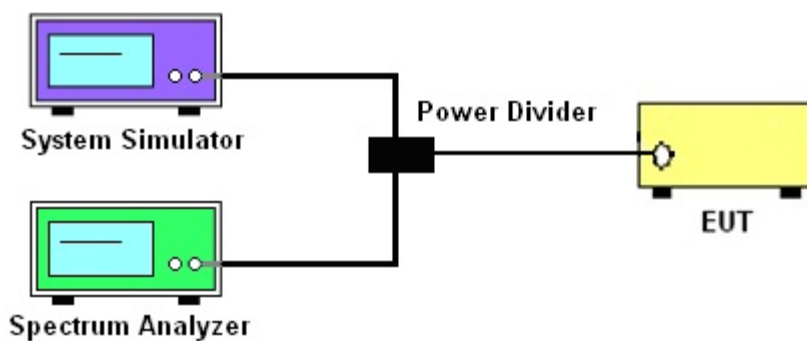
See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 EIRP



3.1.4 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

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.
5. The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.

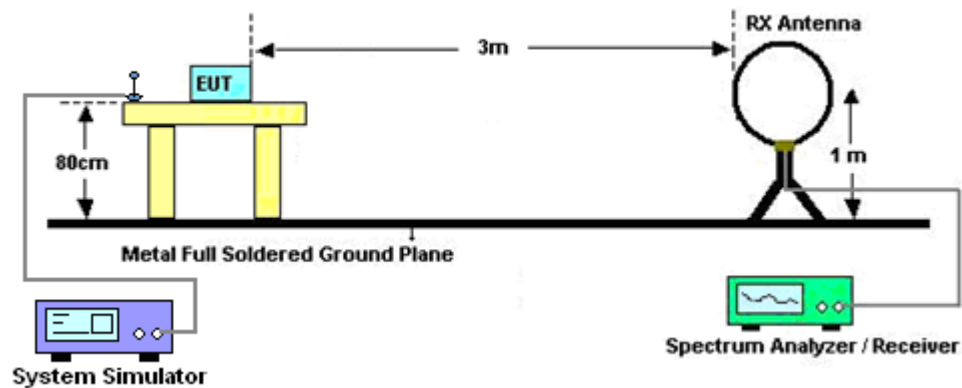
4 Radiated Test Items

4.1 Measuring Instruments

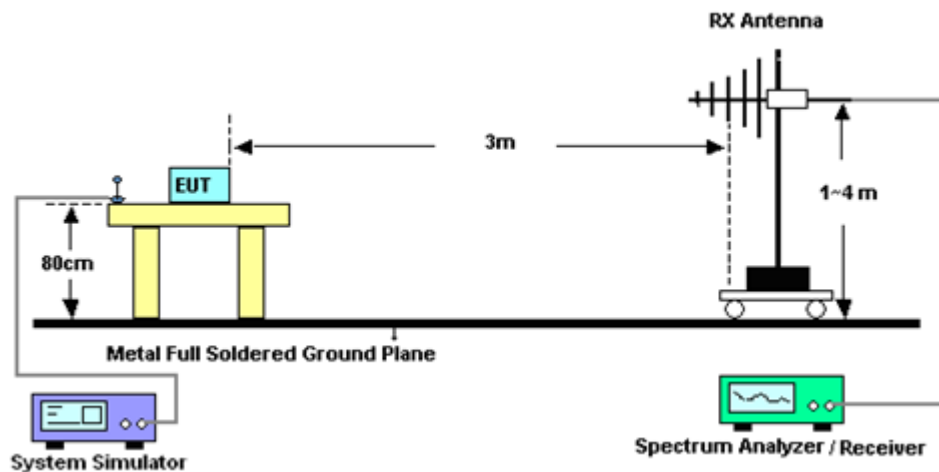
See list of measuring instruments of this test report.

4.1.1 Test Setup

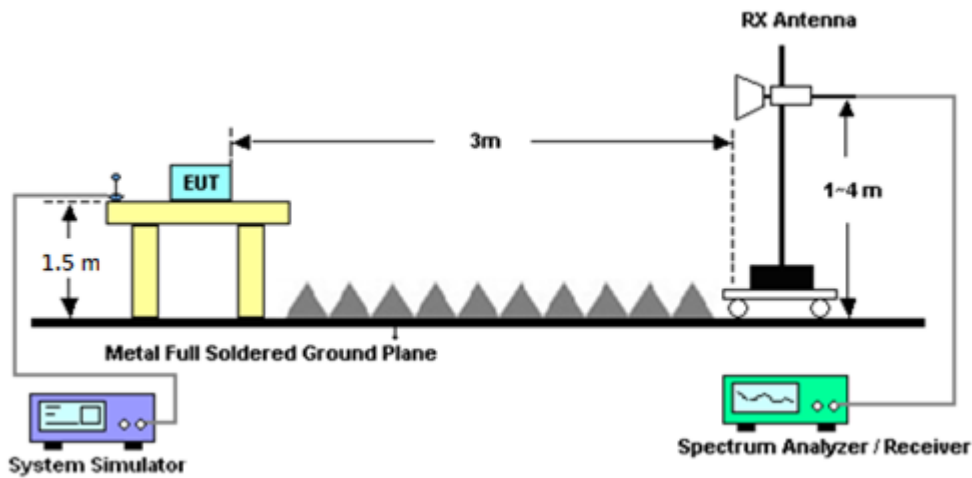
For radiated test below 30MHz



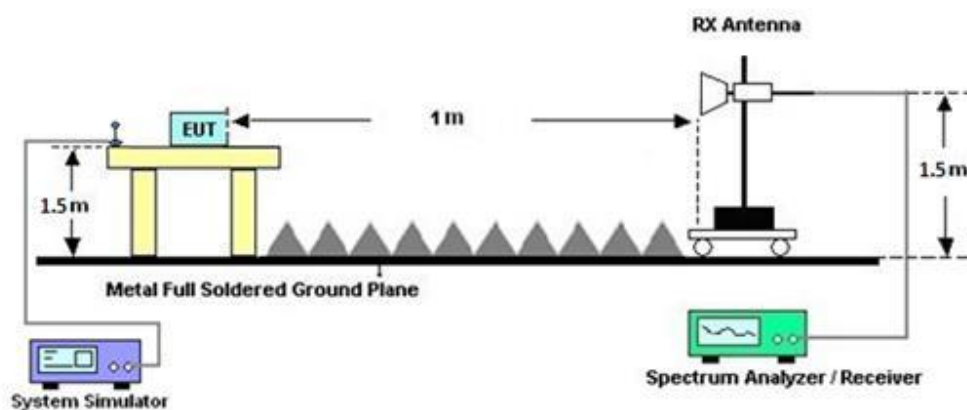
For radiated test from 30MHz to 1GHz



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 / TIA-603-E. 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.
The limit line is derived from $43 + 10\log(P)\text{dB}$ below the transmitter power P(Watts)
For LTE Band 30
The limit line is derived from $70 + 10\log(P)\text{dB}$ below the transmitter power P(Watts)
For LTE Band 7, 38, 41
The limit line is derived from $55 + 10\log(P)\text{dB}$ 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
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	May. 06, 2025	Mar,4 , 2026~ Mar,12 , 2026	May. 05, 2026	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 06, 2025	Mar,4 , 2026~ Mar,12 , 2026	Jun. 05, 2026	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Jun. 06, 2025	Mar,4 , 2026~ Mar,12 , 2026	Jun. 05, 2026	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 11, 2026	Mar,4 , 2026~ Mar,12 , 2026	Feb. 10, 2027	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 11, 2026	Mar,4 , 2026~ Mar,12 , 2026	Feb. 10, 2027	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May. 26, 2026	Mar,4 , 2026~ Mar,12 , 2026	May. 25, 2027	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44Gz	Jul. 15, 2025	Mar,4 , 2026~ Mar,12 , 2026	Jul. 14, 2026	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar,4 , 2026~ Mar,12 , 2026	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar,4 , 2026~ Mar,12 , 2026	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_230621	RK-002394	N/A	N/A	Mar,4 , 2026~ Mar,12 , 2026	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4, 519228/2,803950/2	30MHz~18GHz	Jun. 03, 2025	Mar,4 , 2026~ Mar,12 , 2026	Jun. 02, 2026	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY519228/2, 803950/2,508407/2E	30MHz~40GHz	Sep. 24, 2025	Mar,4 , 2026~ Mar,12 , 2026	Sep. 23, 2026	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN2	N/A	Aug. 26, 2025	Mar,4 , 2026~ Mar,12 , 2026	Aug. 25, 2026	Radiation (03CH15-HY)
Filter	wright	WHKX12-900-1000-15000-60SS	SN10	1GHz High Pass Filter	Dec. 22, 2025	Mar,4 , 2026~ Mar,12 , 2026	Dec. 21, 2026	Radiation (03CH15-HY)
Filter	wright	WHKX12-2700-3000-18000-60ST	SN4	3GHz High Pass Filter	Jun. 03, 2025	Mar,4 , 2026~ Mar,12 , 2026	Jun. 02, 2026	Radiation (03CH15-HY)
Filter	wright	WHKX8-5872.5-6750-18000-40ST	SN6	6.75GHz High Pass Filter	Jun. 03, 2025	Mar,4 , 2026~ Mar,12 , 2026	Jun. 02, 2026	Radiation (03CH15-HY)
Filter	wright	WHKX8-6090-7000-18000-40SS	SN98	7GHz High Pass Filter	Dec. 22, 2025	Mar,4 , 2026~ Mar,12 , 2026	Dec. 21, 2026	Radiation (03CH15-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC ULCA/DLCA	Sep. 16, 2025	Feb. 25, 2026~ Mar. 04, 2026	Sep. 15, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GET861546	0V~64V ; 0A~6A	Jun. 03, 2025	Feb. 25, 2026~ Mar. 04, 2026	Jun. 02, 2026	Conducted (TH05-HY)
Coupler	MVE	MVE4816	#Z	0.009MHz-18GHz	Oct. 16, 2025	Feb. 25, 2026~ Mar. 04, 2026	Oct. 15, 2026	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SU-241	92003713	-30°C ~95°C	May. 12, 2025	Feb. 25, 2026~ Mar. 04, 2026	May. 11, 2026	Conducted (TH05-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2025	Feb. 25, 2026~ Mar. 04, 2026	Jun. 12, 2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Feb. 25, 2026~ Mar. 04, 2026	N/A	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	-10 ~ 50°C / 20 ~ 95%RH	Mar. 03, 2025	Feb. 25, 2026~ Mar. 04, 2026	Mar. 02, 2026	Conducted (TH05-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.3 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and ERI/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.37	23.50	23.50	23.65	0.2317
20	1	0	16-QAM	22.58	22.71	22.68	22.86	0.1932
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.19	23.30	23.38	23.53	0.2254
15	1	0	16-QAM	22.43	22.52	22.58	22.73	0.1875
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.24	23.35	23.39	23.54	0.2259
10	1	0	16-QAM	22.45	22.57	22.57	22.72	0.1871
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.26	23.39	23.33	23.54	0.2259
5	1	0	16-QAM	22.39	22.57	22.58	22.73	0.1875
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.18	23.36	23.33	23.51	0.2244
3	1	0	16-QAM	22.45	22.60	22.57	22.75	0.1884
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.23	23.32	23.33	23.48	0.2228
1.4	1	0	16-QAM	22.44	22.53	22.57	22.72	0.1871
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.19	23.15	23.27	24.46	0.2793
20	1	0	16-QAM	22.47	22.33	22.42	23.66	0.2323
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.08	23.01	23.11	24.30	0.2692
15	1	0	16-QAM	22.32	22.22	22.32	23.51	0.2244
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.00	23.03	23.13	24.32	0.2704
10	1	0	16-QAM	22.34	22.15	22.32	23.53	0.2254
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.08	23.01	23.11	24.30	0.2692
5	1	0	16-QAM	22.29	22.14	22.29	23.48	0.2228
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.99	23.04	23.07	24.26	0.2667
3	1	0	16-QAM	22.31	22.13	22.23	23.50	0.2239
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.05	22.98	23.12	24.31	0.2698
1.4	1	0	16-QAM	22.30	22.22	22.26	23.49	0.2234
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.03	23.99	24.02	20.02	0.1005
10	1	0	16-QAM	23.21	23.27	23.19	19.26	0.0843
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.85	23.89	23.90	19.89	0.0975
5	1	0	16-QAM	23.04	23.15	23.07	19.14	0.0820
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.92	23.88	23.86	19.91	0.0979
3	1	0	16-QAM	23.08	23.14	23.02	19.13	0.0818
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.86	23.85	23.89	19.88	0.0973
1.4	1	0	16-QAM	23.05	23.12	23.03	19.11	0.0815
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.71	23.70	23.53	22.24	0.1675
20	1	0	16-QAM	22.70	22.87	22.80	21.40	0.1380
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.60	23.59	23.38	22.13	0.1633
15	1	0	16-QAM	22.54	22.71	22.69	21.24	0.1330
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.60	23.51	23.38	22.13	0.1633
10	1	0	16-QAM	22.55	22.71	22.69	21.24	0.1330
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.51	23.53	23.33	22.06	0.1607
5	1	0	16-QAM	22.52	22.74	22.63	21.27	0.1340
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.15	24.16	24.10	22.27	0.1687
10	1	0	16-QAM	23.35	23.20	23.21	21.46	0.1400
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.03	23.99	23.91	22.14	0.1637
5	1	0	16-QAM	23.16	23.01	23.02	21.27	0.1340
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.95	24.04	23.99	22.15	0.1641
3	1	0	16-QAM	23.15	23.03	23.06	21.26	0.1337
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.00	24.04	23.97	22.15	0.1641
1.4	1	0	16-QAM	23.20	23.03	23.01	21.31	0.1352
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.12	-	21.84	0.1528
10	1	0	16-QAM	-	23.13	-	20.85	0.1216
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.94	23.92	23.94	21.66	0.1466
5	1	0	16-QAM	23.02	23.02	22.93	20.74	0.1186
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -0.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.37	-	21.29	0.1346
10	1	0	16-QAM	-	23.55	-	20.47	0.1114
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -0.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.22	24.18	24.19	21.14	0.1300
5	1	0	16-QAM	23.41	23.44	23.35	20.36	0.1086
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.05	24.03	24.17	22.28	0.1690
10	1	0	16-QAM	23.14	23.16	23.17	21.28	0.1343
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.86	23.86	24.05	22.16	0.1644
5	1	0	16-QAM	23.00	23.05	22.98	21.16	0.1306
Limit	ERP < 3W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.43	23.55	23.55	23.70	0.2344
20	1	0	16-QAM	22.70	22.83	22.66	22.98	0.1986
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.23	23.44	23.36	23.59	0.2286
15	1	0	16-QAM	22.54	22.67	22.55	22.82	0.1914
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.26	23.45	23.36	23.60	0.2291
10	1	0	16-QAM	22.59	22.73	22.50	22.88	0.1941
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.28	23.44	23.43	23.59	0.2286
5	1	0	16-QAM	22.58	22.65	22.52	22.80	0.1905
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.33	23.40	23.40	23.55	0.2265
3	1	0	16-QAM	22.54	22.64	22.50	22.79	0.1901
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.30	23.39	23.40	23.55	0.2265
1.4	1	0	16-QAM	22.57	22.63	22.51	22.78	0.1897
Limit	EIRP < 2W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.08	23.99	24.06	20.46	0.1112
15	1	0	16-QAM	23.21	23.29	23.24	19.67	0.0927
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.95	23.89	23.90	20.33	0.1079
10	1	0	16-QAM	23.06	23.11	23.09	19.49	0.0889
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.94	23.85	23.87	20.32	0.1076
5	1	0	16-QAM	23.03	23.09	23.04	19.47	0.0885
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.95	23.89	23.90	20.33	0.1079
3	1	0	16-QAM	23.08	23.16	23.04	19.54	0.0899
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.91	23.80	23.95	20.33	0.1079
1.4	1	0	16-QAM	23.09	23.10	23.10	19.48	0.0887
Limit	ERP < 7W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.04	-	-	20.42	0.1102
15	1	0	16-QAM	23.09	-	-	19.47	0.0885
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.73	-	20.11	0.1026
10	1	0	16-QAM	-	23.00	-	19.38	0.0867
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.88	23.71	23.82	20.26	0.1062
5	1	0	16-QAM	22.97	22.90	22.84	19.35	0.0861
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.79	23.77	23.72	20.17	0.1040
3	1	0	16-QAM	23.07	23.01	22.92	19.45	0.0881
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.76	23.66	23.90	20.28	0.1067
1.4	1	0	16-QAM	22.91	22.94	23.03	19.41	0.0873
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.17	-	20.55	0.1135
15	1	0	16-QAM	-	23.14	-	19.52	0.0895
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.88	-	20.26	0.1062
10	1	0	16-QAM	-	22.97	-	19.35	0.0861
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	23.84	-	20.22	0.1052
5	1	0	16-QAM	-	23.00	-	19.38	0.0867
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.02	-	20.40	0.1096
3	1	0	16-QAM	-	23.09	-	19.47	0.0885
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	23.97	-	20.35	0.1084
1.4	1	0	16-QAM	-	23.19	-	19.57	0.0906
Limit	ERP < 7W			Result			Pass	

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -1.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	23.57	-	22.08	0.1614
10	1	0	16-QAM	-	22.70	-	21.21	0.1321
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 = -1.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.31	23.35	23.29	21.86	0.1535
5	1	0	16-QAM	22.57	22.51	22.50	21.08	0.1282
Limit	EIRP < 250mW/5MHz			Result			Pass	

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

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = -2.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.56	23.57	23.33	21.23	0.1327
20	1	0	16-QAM	22.86	22.83	22.63	20.52	0.1127
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = -2.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.37	23.43	23.16	21.09	0.1285
15	1	0	16-QAM	22.75	22.63	22.52	20.41	0.1099
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = -2.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.45	23.37	23.18	21.11	0.1291
10	1	0	16-QAM	22.74	22.66	22.49	20.40	0.1096
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = -2.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.41	23.38	23.17	21.07	0.1279
5	1	0	16-QAM	22.73	22.68	22.45	20.39	0.1094
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.49	23.57	23.27	23.96	0.2489
20	1	0	16-QAM	22.76	22.87	22.57	23.26	0.2118
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.38	23.40	23.16	23.79	0.2393
15	1	0	16-QAM	22.65	22.71	22.40	23.10	0.2042
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.35	23.47	23.11	23.86	0.2432
10	1	0	16-QAM	22.57	22.77	22.47	23.16	0.2070
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.29	23.39	23.14	23.78	0.2388
5	1	0	16-QAM	22.61	22.72	22.39	23.11	0.2046
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.23	23.23	23.27	24.86	0.3062
20	1	0	16-QAM	22.52	22.42	22.43	24.11	0.2576
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.08	23.09	23.17	24.76	0.2992
15	1	0	16-QAM	22.37	22.26	22.23	23.96	0.2489
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.10	23.12	23.14	24.73	0.2972
10	1	0	16-QAM	22.39	22.23	22.26	23.98	0.2500
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.09	23.13	23.12	24.72	0.2965
5	1	0	16-QAM	22.41	22.23	22.31	24.00	0.2512
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.11	23.04	23.09	24.70	0.2951
3	1	0	16-QAM	22.35	22.28	22.24	23.94	0.2477
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.09	23.10	23.13	24.72	0.2965
1.4	1	0	16-QAM	22.37	22.26	22.31	23.96	0.2489
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.05	23.95	24.05	21.99	0.1581
20	1	0	16-QAM	23.20	23.33	23.42	21.36	0.1368
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.94	23.80	23.93	21.88	0.1542
15	1	0	16-QAM	23.05	23.18	23.27	21.21	0.1321
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.95	23.82	23.89	21.89	0.1545
10	1	0	16-QAM	23.06	23.14	23.22	21.16	0.1306
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.91	23.76	23.91	21.85	0.1531
5	1	0	16-QAM	23.09	23.15	23.28	21.22	0.1324
Limit	ERP < 3W			Result			Pass	

Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and EIRP)

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 0.15 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	22.73	22.77	22.66	22.92	0.1959
20+20	1	99	1	0	16-QAM	22.28	22.29	22.10	22.44	0.1754
20+15	1	99	1	0	QPSK	22.83	22.75	22.80	22.98	0.1986
20+15	1	99	1	0	16-QAM	22.16	22.27	22.21	22.42	0.1746
15+20	1	74	1	0	QPSK	22.71	22.85	22.80	23.00	0.1995
15+20	1	74	1	0	16-QAM	22.28	22.27	22.29	22.44	0.1754
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 0.15 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	22.75	22.78	22.78	22.93	0.1963
20+10	1	99	1	0	16-QAM	22.16	22.35	22.38	22.53	0.1791
10+20	1	49	1	0	QPSK	22.74	22.83	22.77	22.98	0.1986
10+20	1	49	1	0	16-QAM	22.20	22.26	22.36	22.51	0.1782
20+5	1	99	1	0	QPSK	22.81	22.83	22.86	23.01	0.2000
20+5	1	99	1	0	16-QAM	22.30	22.34	22.35	22.50	0.1778
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 0.15 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	22.80	22.90	22.88	23.05	0.2018
5+20	1	24	1	0	16-QAM	22.22	22.43	22.30	22.58	0.1811
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 0.15 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	22.71	22.76	22.77	22.92	0.1959
15+10	1	74	1	0	16-QAM	22.28	22.14	22.24	22.43	0.1750
10+15	1	49	1	0	QPSK	22.75	22.79	22.75	22.94	0.1968
10+15	1	49	1	0	16-QAM	22.26	22.31	22.32	22.47	0.1766
15+15	1	74	1	0	QPSK	22.75	22.82	22.86	23.01	0.2000
15+15	1	74	1	0	16-QAM	22.23	22.44	22.42	22.59	0.1816
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.47 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	23.22	23.11	23.14	21.75	0.1496
20+20	1	99	1	0	16-QAM	22.58	22.59	22.58	21.12	0.1294
20+15	1	99	1	0	QPSK	23.19	23.06	23.11	21.72	0.1486
20+15	1	99	1	0	16-QAM	22.47	22.60	22.53	21.13	0.1297
15+20	1	74	1	0	QPSK	23.27	23.17	23.08	21.80	0.1514
15+20	1	74	1	0	16-QAM	22.76	22.72	22.48	21.29	0.1346
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.47 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	23.18	23.18	23.20	21.73	0.1489
20+10	1	99	1	0	16-QAM	22.56	22.80	22.69	21.33	0.1358
10+20	1	49	1	0	QPSK	23.11	23.04	22.93	21.64	0.1459
10+20	1	49	1	0	16-QAM	22.58	22.57	22.36	21.11	0.1291
15+15	1	74	1	0	QPSK	23.25	23.13	23.14	21.78	0.1507
15+15	1	74	1	0	16-QAM	22.69	22.54	22.59	21.22	0.1324
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.47 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	23.27	23.14	23.20	21.80	0.1514
15+10	1	74	1	0	16-QAM	22.61	22.75	22.80	21.33	0.1358
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.39 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	23.34	23.18	22.90	23.73	0.2360
20+20	1	99	1	0	16-QAM	22.90	22.80	22.59	23.29	0.2133
20+15	1	99	1	0	QPSK	23.35	23.15	22.91	23.74	0.2366
20+15	1	99	1	0	16-QAM	22.90	22.75	22.60	23.29	0.2133
15+20	1	74	1	0	QPSK	23.43	23.21	22.92	23.82	0.2410
15+20	1	74	1	0	16-QAM	22.93	22.81	22.60	23.32	0.2148
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.39 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	23.36	23.13	22.86	23.75	0.2371
20+10	1	99	1	0	16-QAM	22.86	22.74	22.55	23.25	0.2113
10+20	1	49	1	0	QPSK	23.38	23.12	22.87	23.77	0.2382
10+20	1	49	1	0	16-QAM	22.94	22.74	22.48	23.33	0.2153
20+5	1	99	1	0	QPSK	23.44	23.19	23.01	23.83	0.2415
20+5	1	99	1	0	16-QAM	22.98	22.80	22.65	23.37	0.2173
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.39 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	23.40	23.30	22.93	23.79	0.2393
5+20	1	24	1	0	16-QAM	23.01	22.92	22.62	23.40	0.2188
15+10	1	74	1	0	QPSK	23.47	23.16	22.99	23.86	0.2432
15+10	1	74	1	0	16-QAM	23.01	22.77	22.55	23.40	0.2188
10+15	1	49	1	0	QPSK	23.44	23.27	22.87	23.83	0.2415
10+15	1	49	1	0	16-QAM	23.03	22.83	22.56	23.42	0.2198
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.39 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	23.42	23.23	22.93	23.81	0.2404
15+15	1	74	1	0	16-QAM	22.96	22.84	22.62	23.35	0.2163
Limit	EIRP < 2W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.59 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	22.80	22.78	22.82	24.41	0.2761
10+10	1	49	1	0	16-QAM	22.19	22.33	22.34	23.93	0.2472
15+5	1	74	1	0	QPSK	22.79	22.82	22.80	24.41	0.2761
15+5	1	74	1	0	16-QAM	22.23	22.35	22.29	23.94	0.2477
5+15	1	24	1	0	QPSK	22.82	22.83	22.83	24.42	0.2767
5+15	1	24	1	0	16-QAM	22.14	22.40	22.31	23.99	0.2506
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.59 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	22.80	22.85	22.83	24.44	0.2780
10+5	1	49	1	0	16-QAM	22.30	22.40	22.30	23.99	0.2506
5+10	1	24	1	0	QPSK	22.78	22.79	22.79	24.38	0.2742
5+10	1	24	1	0	16-QAM	22.23	22.31	22.34	23.93	0.2472
5+5	1	24	1	0	QPSK	22.77	22.83	22.88	24.47	0.2799
5+5	1	24	1	0	16-QAM	22.29	22.23	22.39	23.98	0.2500
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.59 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	22.75	22.87	22.86	24.46	0.2793
20+20	1	99	1	0	16-QAM	22.29	22.41	22.42	24.01	0.2518
20+15	1	74	1	0	QPSK	22.72	22.87	22.83	24.46	0.2793
20+15	1	74	1	0	16-QAM	22.27	22.37	22.29	23.96	0.2489
15+20	1	74	1	0	QPSK	22.78	22.90	22.90	24.49	0.2812
15+20	1	74	1	0	16-QAM	22.26	22.48	22.38	24.07	0.2553
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.59 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	22.77	22.91	22.90	24.50	0.2818
20+10	1	99	1	0	16-QAM	22.20	22.37	22.35	23.96	0.2489
10+20	1	49	1	0	QPSK	22.74	22.88	22.81	24.47	0.2799
10+20	1	49	1	0	16-QAM	22.24	22.28	22.34	23.93	0.2472
20+5	1	99	1	0	QPSK	22.79	22.92	22.96	24.55	0.2851
20+5	1	99	1	0	16-QAM	22.14	22.35	22.61	24.20	0.2630
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.59 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	22.89	22.89	22.92	24.51	0.2825
5+20	1	24	1	0	16-QAM	22.32	22.35	22.49	24.08	0.2559
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.59 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	22.82	22.86	22.97	24.56	0.2858
15+10	1	74	1	0	16-QAM	22.24	22.35	22.40	23.99	0.2506
10+15	1	49	1	0	QPSK	22.87	22.89	22.86	24.48	0.2805
10+15	1	49	1	0	16-QAM	22.13	22.42	22.32	24.01	0.2518
15+15	1	74	1	0	QPSK	22.84	22.91	22.88	24.50	0.2818
15+15	1	74	1	0	16-QAM	22.25	22.38	22.40	23.99	0.2506
Limit	EIRP < 1W					Result			Pass	



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Sam Pan, Quentin Liu and Bigshow Wang	Relative Humidity(%):	51~58%
		Temperature(°C):	21.1~21.7 °C

<HB Antenna>

B1. Summary of each worse mode

Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	LTE B26	Part 22H	M	2475	-49.86	RMS	27.55	-28.18	0.28	-95.23	45.72	-13.00	-36.86	H	Ant 5
1	LTE B12	Part 27H	L	2096	-47.12	RMS	27.34	-28.95	0.41	-95.23	49.31	-13.00	-34.12	V	Ant 5
1	LTE B13	Part 27F	M	1559	-62.52	RMS	25.50	-30.30	0.62	-95.23	36.89	-42.15	-20.37	V	Ant 5
1	LTE B14	Part 90R	H	1586	-62.96	RMS	25.66	-30.22	0.63	-95.23	36.20	-42.15	-20.81	H	Ant 5

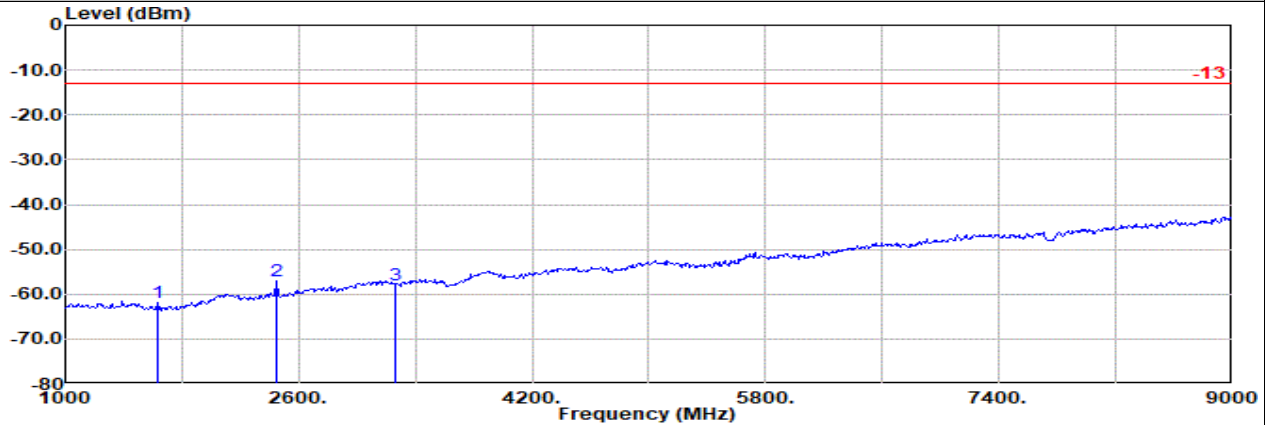


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Part 22H Mode 1

LTE B26 15M Ch26765 1RB0 QPSK

L

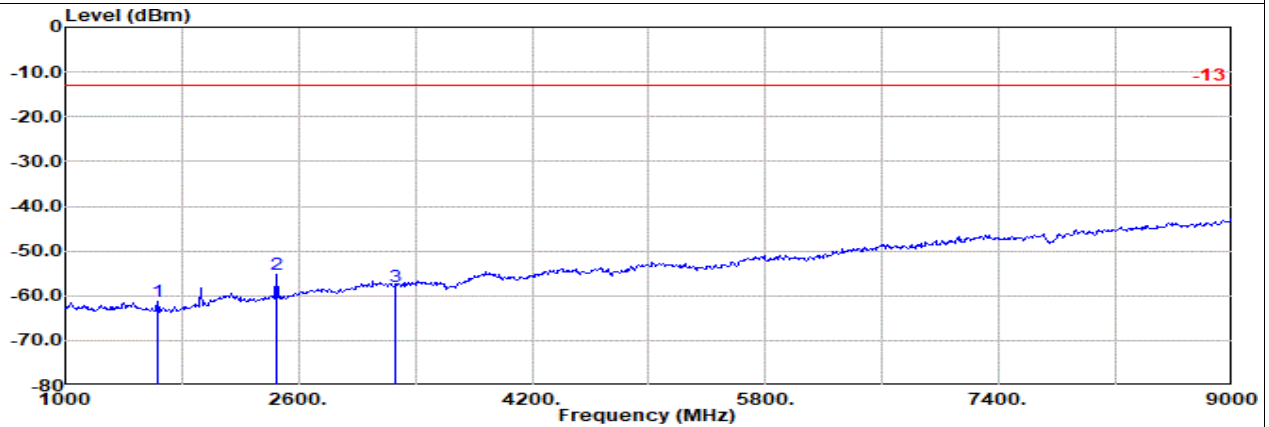


Site : 03CH15-HY

Condition: -13 3m 9120D-02294_250606 Horizontal

Mode : LTE Band 26 15M Ch26765 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin Pol	
	MHz	dBm		Factor	1		dB	dB	g	dBm	dB	
1	1630.00	-61.84	RMS	25.50	-30.11	0.61	-95.23	37.39	-13.00	-48.84	Horizontal	
2	2445.00	-57.16	RMS	27.50	-28.24	0.29	-95.23	38.52	-13.00	-44.16	Horizontal	
3	3259.00	-57.95	RMS	29.50	-26.81	0.28	-95.23	34.31	-13.00	-44.95	Horizontal	



Site : 03CH15-HY

Condition: -13 3m 9120D-02294_250606 Vertical

Mode : LTE Band 26 15M Ch26765 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1			dB	dB		
1	1630.00	-61.16	RMS	25.50	-30.11	0.61	-95.23	38.07	-13.00	-48.16	Vertical
2	2445.00	-55.17	RMS	27.50	-28.24	0.29	-95.23	40.51	-13.00	-42.17	Vertical
3	3259.00	-58.06	RMS	29.50	-26.81	0.28	-95.23	34.20	-13.00	-45.06	Vertical

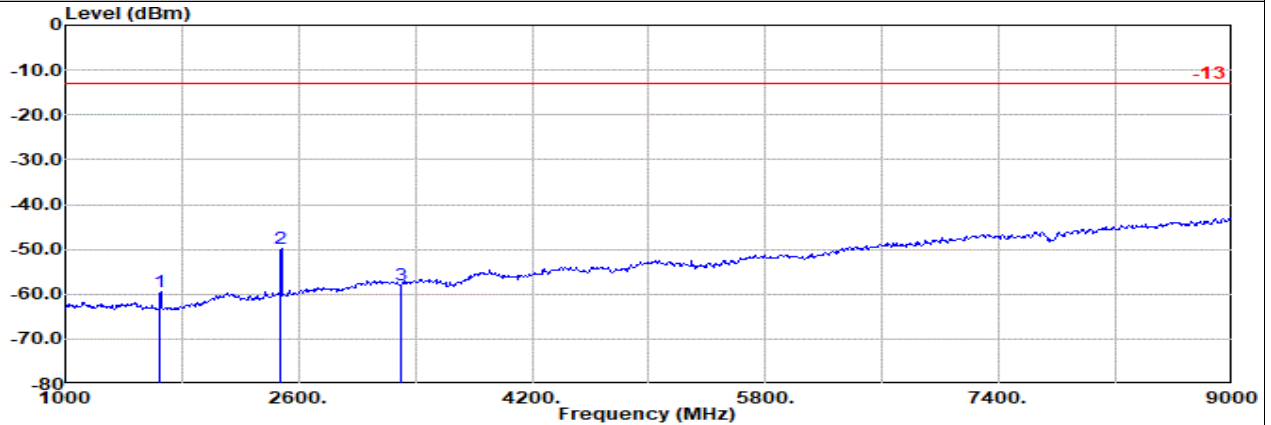


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Part 22H Mode 1

LTE B26 15M Ch26865 1RB0 QPSK

M

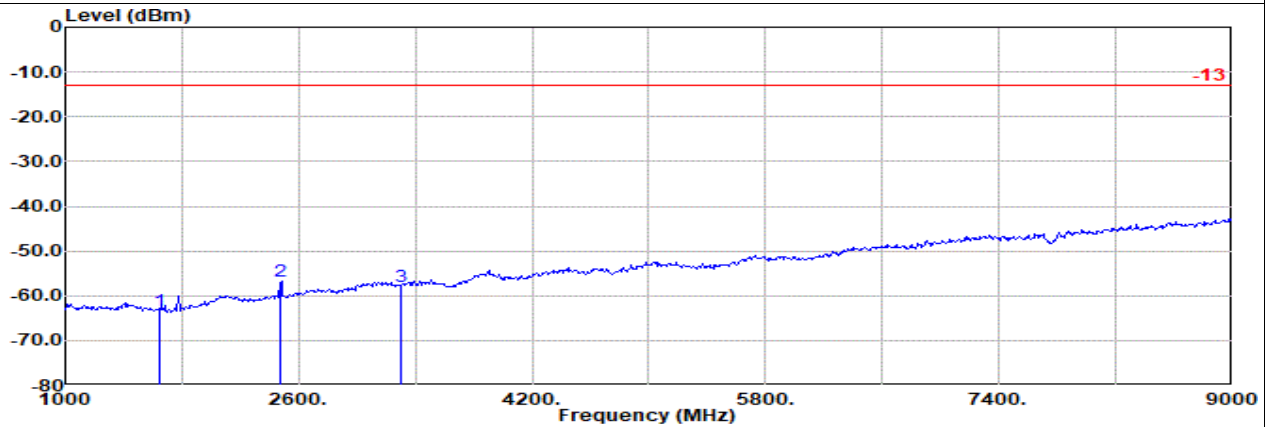


Site : 03CH15-HY

Condition: -13 3m 9120D-02294_250606 Horizontal

Mode : LTE Band 26 15M Ch26865 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1650.00	-59.53	RMS	25.30	-30.06	0.59	-95.23	39.87	-13.00	-46.53	Horizontal
2	2475.00	-49.86	RMS	27.55	-28.18	0.28	-95.23	45.72	-13.00	-36.86	Horizontal
3	3299.00	-57.85	RMS	29.50	-26.75	0.26	-95.23	34.37	-13.00	-44.85	Horizontal



Site : 03CH15-HY

Condition: -13 3m 9120D-02294_250606 Vertical

Mode : LTE Band 26 15M Ch26865 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1			dB	dB		
1	1650.00	-63.35	RMS	25.30	-30.06	0.59	-95.23	36.05	-13.00	-50.35	Vertical
2	2475.00	-56.83	RMS	27.55	-28.18	0.28	-95.23	38.75	-13.00	-43.83	Vertical
3	3299.00	-58.02	RMS	29.50	-26.75	0.26	-95.23	34.20	-13.00	-45.02	Vertical

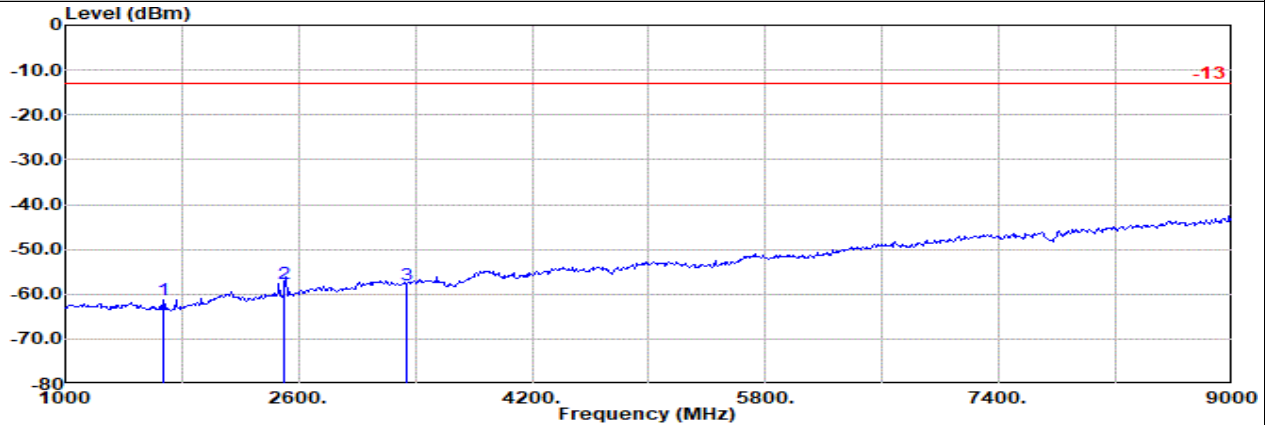


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Part 22H Mode 1

LTE B26 15M Ch26965 1RB0 QPSK

H

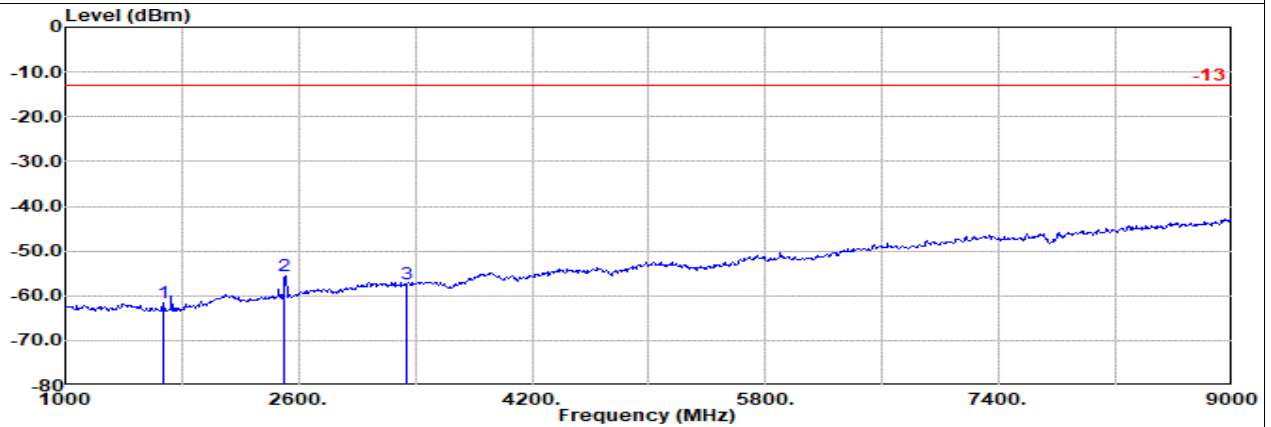


Site : 03CH15-HY

Condition: -13 3m 9120D-02294_250606 Horizontal

Mode : LTE Band 26 15M Ch26965 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	1670.00	-61.27	RMS	25.40	-30.00	0.58	-95.23	37.98	-13.00	-48.27	Horizontal
2	2505.00	-57.63	RMS	27.80	-28.12	0.27	-95.23	37.65	-13.00	-44.63	Horizontal
3	3339.00	-57.82	RMS	29.58	-26.70	0.24	-95.23	34.29	-13.00	-44.82	Horizontal



Site : 03CH15-HY

Condition: -13 3m 9120D-02294_250606 Vertical

Mode : LTE Band 26 15M Ch26965 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1670.00	-61.63	RMS	25.40	-30.00	0.58	-95.23	37.62	-13.00	-48.63	Vertical
2	2505.00	-55.54	RMS	27.80	-28.12	0.27	-95.23	39.74	-13.00	-42.54	Vertical
3	3339.00	-57.32	RMS	29.58	-26.70	0.24	-95.23	34.79	-13.00	-44.32	Vertical

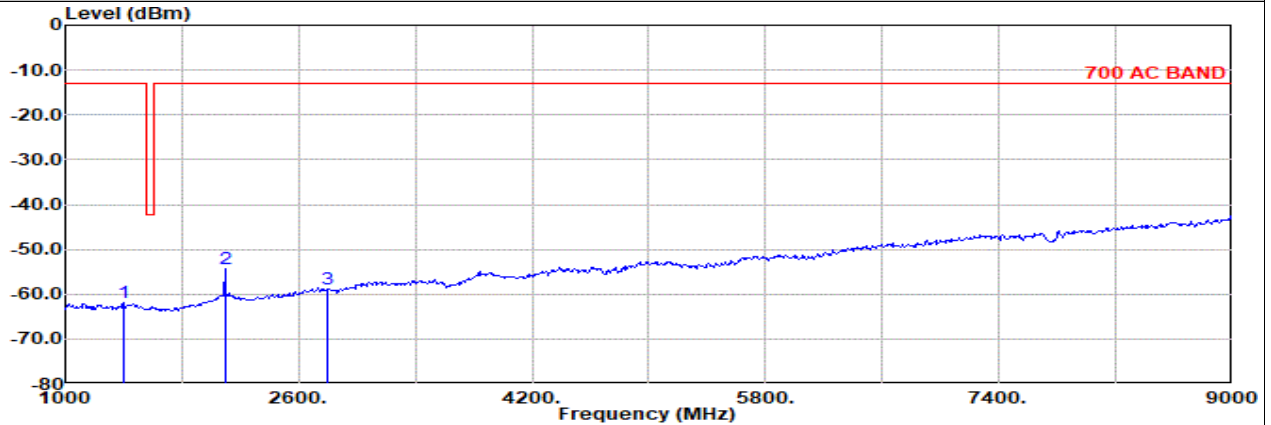


Ant 5

Part 27H Mode 1

LTE B12 10M Ch23060 1RB0 QPSK

L

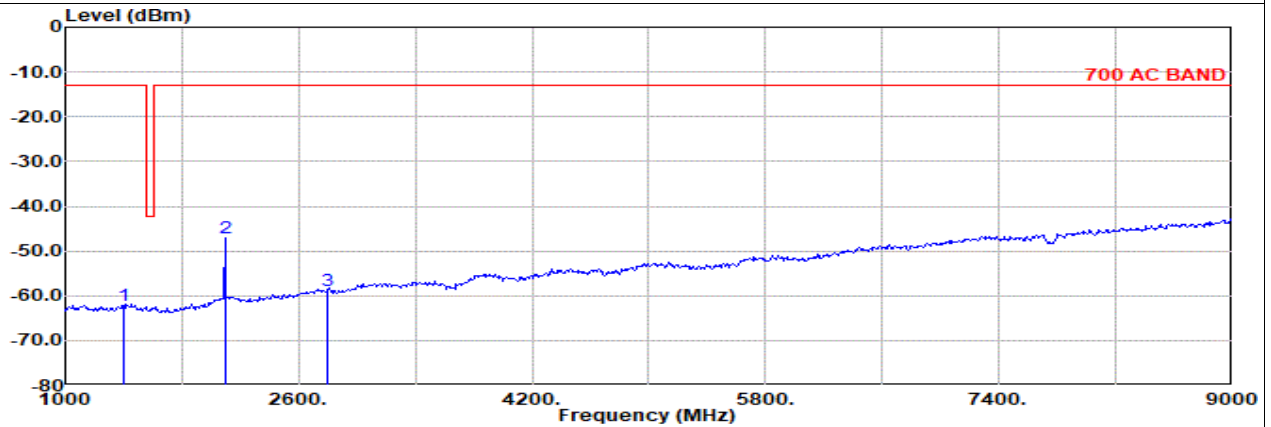


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 12 10M Ch23060 1RB0 QPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1				g		
	MHz	dBm		dB/m	dB	dB		dBuV	dBm		
1	1400.00	-61.84	RMS	25.80	-30.73	0.60	-95.23	37.72	-13.00	-48.84	Horizontal
2	2096.00	-54.20	RMS	27.34	-28.95	0.41	-95.23	42.23	-13.00	-41.20	Horizontal
3	2800.00	-58.95	RMS	28.50	-27.56	0.25	-95.23	35.09	-13.00	-45.95	Horizontal



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 12 10M Ch23060 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1400.00	-62.33	RMS	25.80	-30.73	0.60	-95.23	37.23	-13.00	-49.33	Vertical
2	2096.00	-47.12	RMS	27.34	-28.95	0.41	-95.23	49.31	-13.00	-34.12	Vertical
3	2800.00	-58.90	RMS	28.50	-27.56	0.25	-95.23	35.14	-13.00	-45.90	Vertical

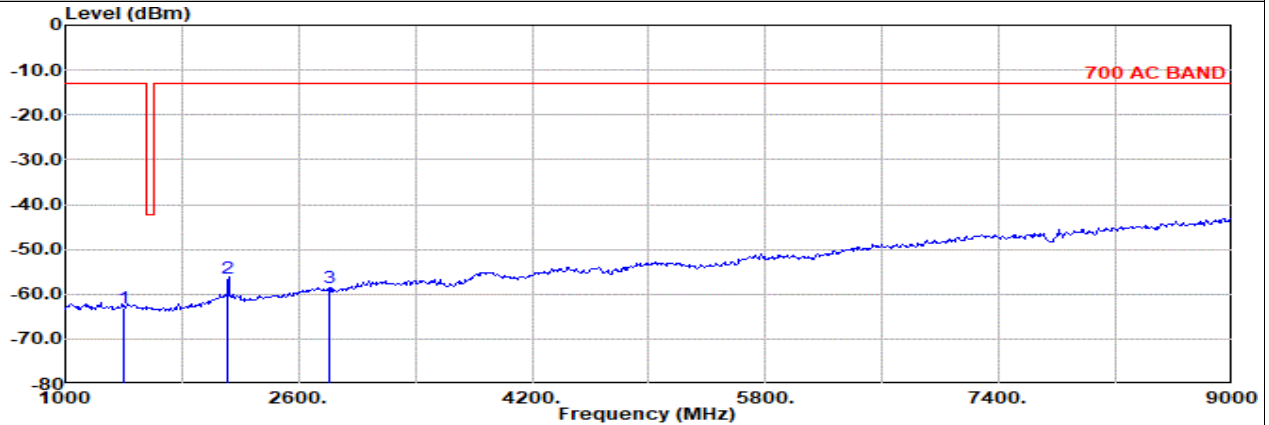


Ant 5

Part 27H Mode 1

LTE B12 10M Ch23095 1RB0 QPSK

M

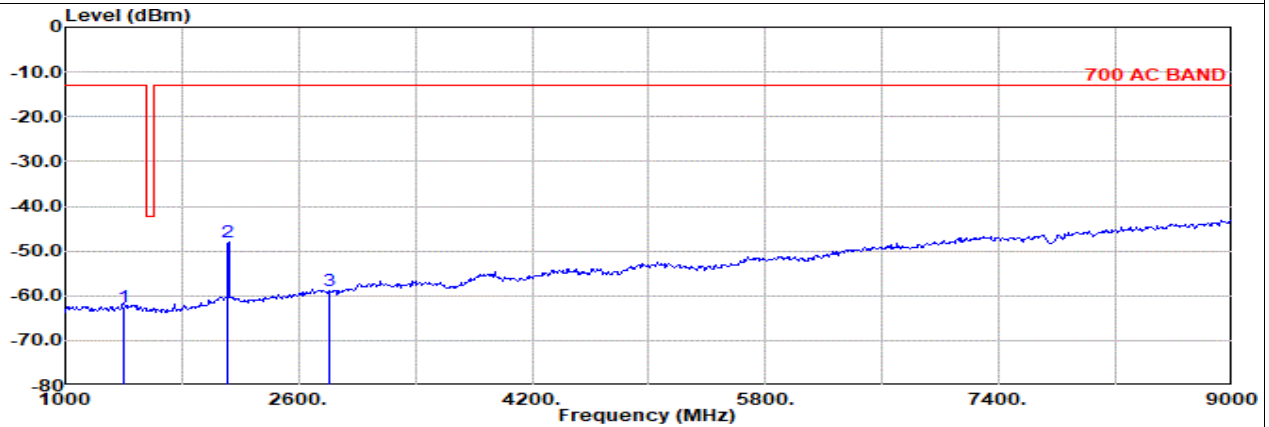


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 12 10M Ch23095 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin Pol	
	MHz	dBm		Factor	1		dB	dB	g	dBm	dB	
1	1406.00	-62.98	RMS	25.74	-30.72	0.60	-95.23	36.63	-13.00	-49.98	Horizontal	
2	2109.00	-56.41	RMS	27.48	-28.93	0.42	-95.23	39.85	-13.00	-43.41	Horizontal	
3	2812.00	-58.42	RMS	28.40	-27.54	0.25	-95.23	35.70	-13.00	-45.42	Horizontal	



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 12 10M Ch23095 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin Pol	
	MHz	dBm		Factor	1		dB	dB	g	dBm	dB	
1	1406.00	-62.35	RMS	25.74	-30.72	0.60	-95.23	37.26	-13.00	-49.35	Vertical	
2	2109.00	-48.02	RMS	27.48	-28.93	0.42	-95.23	48.24	-13.00	-35.02	Vertical	
3	2808.00	-58.96	RMS	28.42	-27.55	0.25	-95.23	35.15	-13.00	-45.96	Vertical	

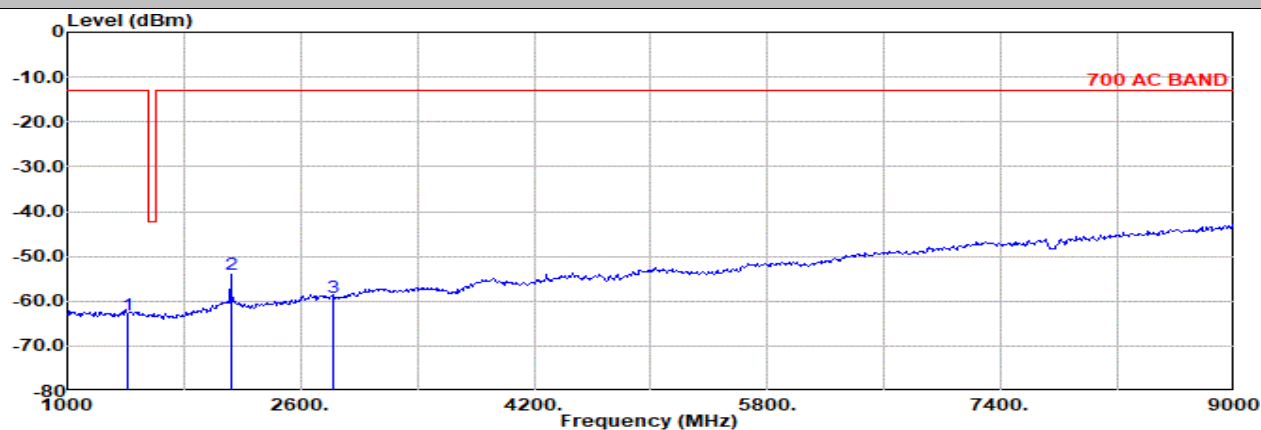


Ant 5

Part 27H Mode 1

LTE B12 10M Ch23130 1RB0 QPSK

H

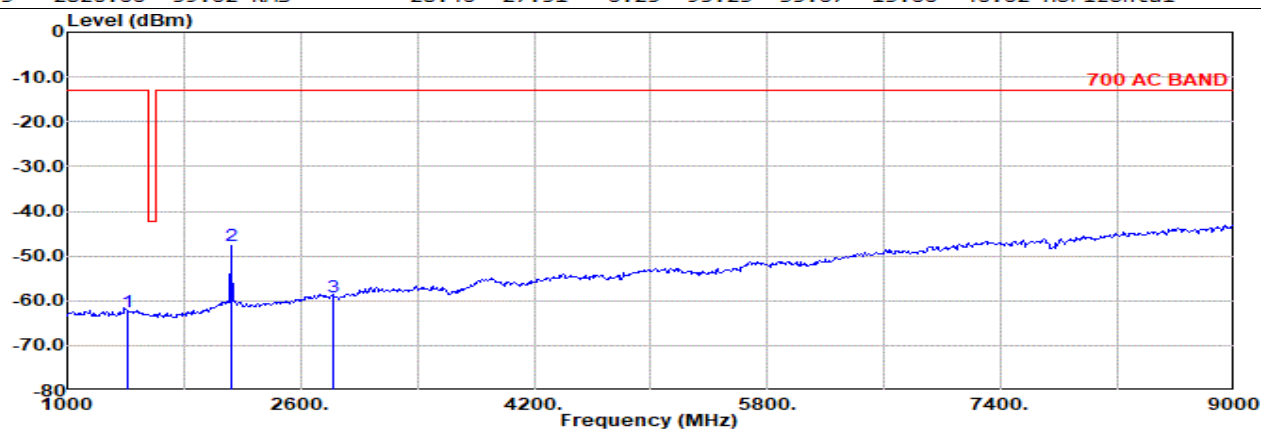


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 12 10M Ch23130 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin		Pol
	MHz	dBm		Factor	1		dB	dB		dBuV	dBm	dB	
1	1413.00	-63.01	RMS	25.73	-30.70	0.60	-95.23	36.59	-13.00	-50.01	Horizontal		
2	2119.00	-53.90	RMS	27.59	-28.91	0.43	-95.23	42.22	-13.00	-40.90	Horizontal		
3	2826.00	-59.02	RMS	28.40	-27.51	0.25	-95.23	35.07	-13.00	-46.02	Horizontal		



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 12 10M Ch23130 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin		Pol
	MHz	dBm		Factor	1		dB	dB		dBuV	dBm	dB	
1	1413.00	-62.46	RMS	25.73	-30.70	0.60	-95.23	37.14	-13.00	-49.46	Vertical		
2	2119.00	-47.66	RMS	27.59	-28.91	0.43	-95.23	48.46	-13.00	-34.66	Vertical		
3	2826.00	-59.29	RMS	28.40	-27.51	0.25	-95.23	34.80	-13.00	-46.29	Vertical		

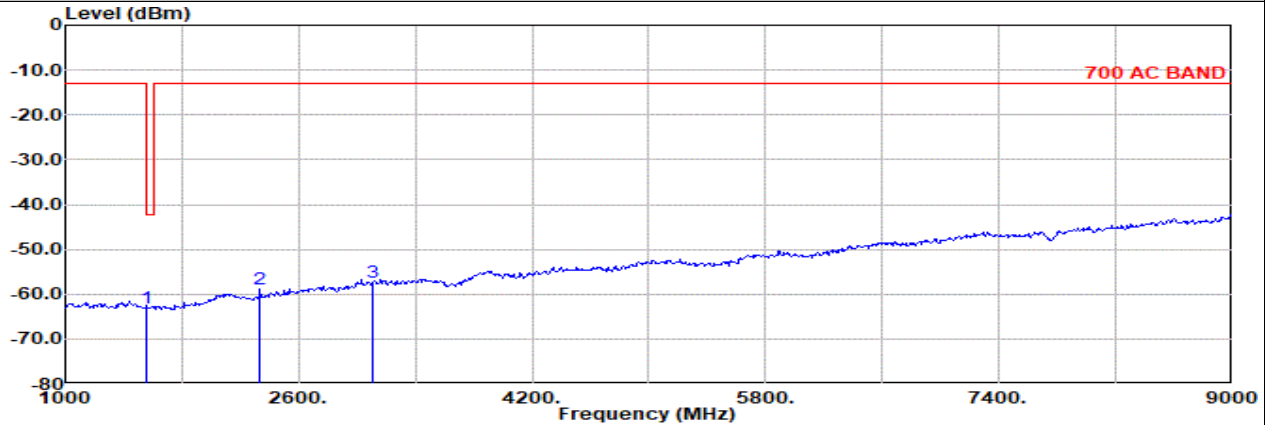


Ant 5

Part 27F Mode 1

LTE B13 5M Ch23205 1RB0 QPSK

L

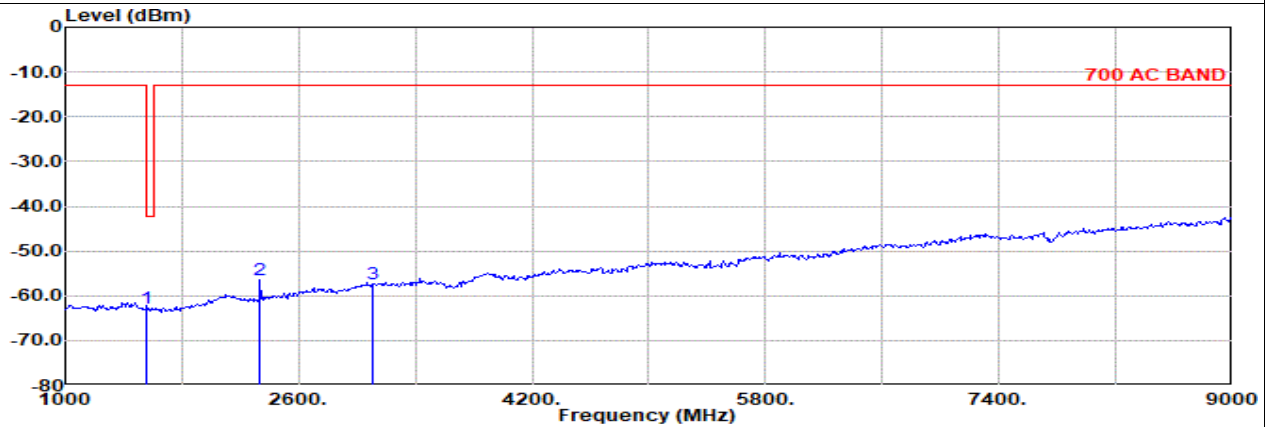


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 13 5M Ch23205 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin Pol	
	MHz	dBm		Factor	1		dB	dB	g	dBm	dB	
1	1554.00	-63.19	RMS	25.50	-30.32	0.62	-95.23	36.24	-13.00	-50.19	Horizontal	
2	2332.00	-59.01	RMS	27.10	-28.48	0.37	-95.23	37.23	-13.00	-46.01	Horizontal	
3	3109.00	-57.42	RMS	29.64	-27.03	0.29	-95.23	34.91	-13.00	-44.42	Horizontal	



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 13 5M Ch23205 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1554.00	-62.93	RMS	25.50	-30.32	0.62	-95.23	36.50	-13.00	-49.93	Vertical
2	2332.00	-56.45	RMS	27.10	-28.48	0.37	-95.23	39.79	-13.00	-43.45	Vertical
3	3109.00	-57.30	RMS	29.64	-27.03	0.29	-95.23	35.03	-13.00	-44.30	Vertical

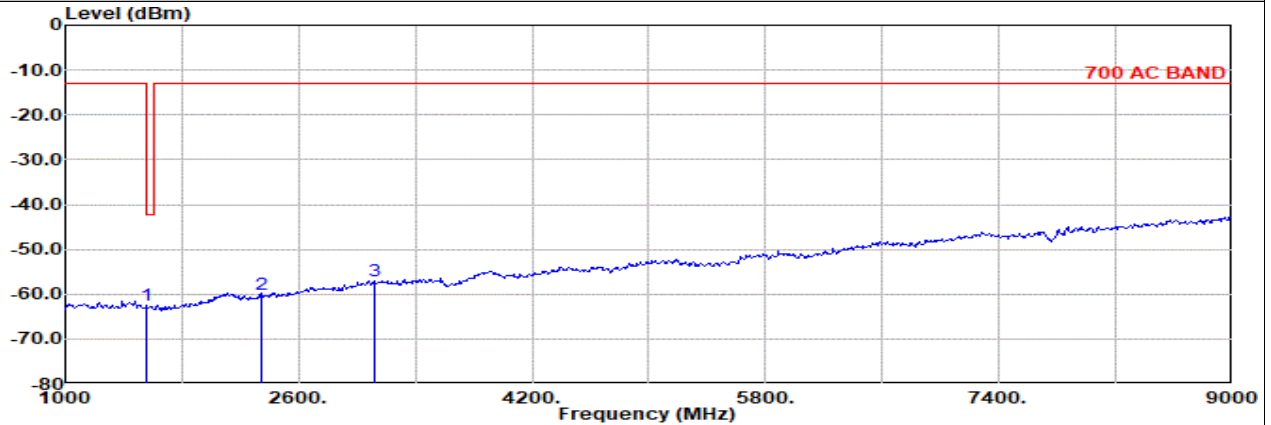


Ant 5

Part 27F Mode 1

LTE B13 5M Ch23230 1RB0 QPSK

M

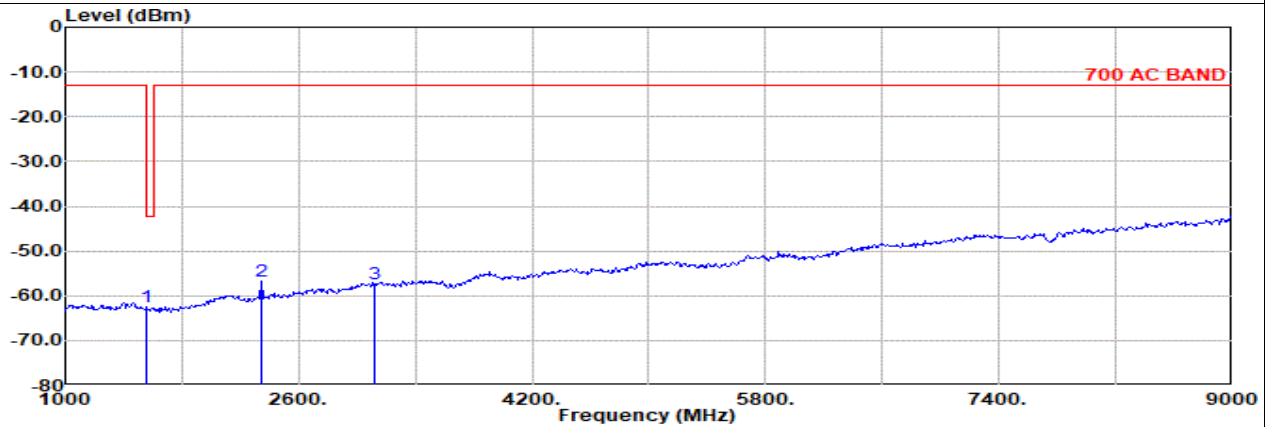


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 13 5M Ch23230 1RB0 QPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	l				g		
	MHz	dBm		dB/m	dB	dB		dBuV	dBm	dB	
1	1559.00	-62.59	RMS	25.50	-30.30	0.62	-95.23	36.82	-42.15	-20.44	Horizontal
2	2339.00	-60.14	RMS	27.10	-28.46	0.36	-95.23	36.09	-13.00	-47.14	Horizontal
3	3120.00	-57.19	RMS	29.68	-27.01	0.29	-95.23	35.08	-13.00	-44.19	Horizontal



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 13 5M Ch23230 1RB0 QPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1				g		
	MHz	dBm		dB/m	dB	dB		dBuV	dBm		dB
1	1559.00	-62.52	RMS	25.50	-30.30	0.62	-95.23	36.89	-42.15	-20.37	Vertical
2	2344.00	-56.83	RMS	27.18	-28.45	0.36	-95.23	39.31	-13.00	-43.83	Vertical
3	3119.00	-57.28	RMS	29.68	-27.01	0.29	-95.23	34.99	-13.00	-44.28	Vertical

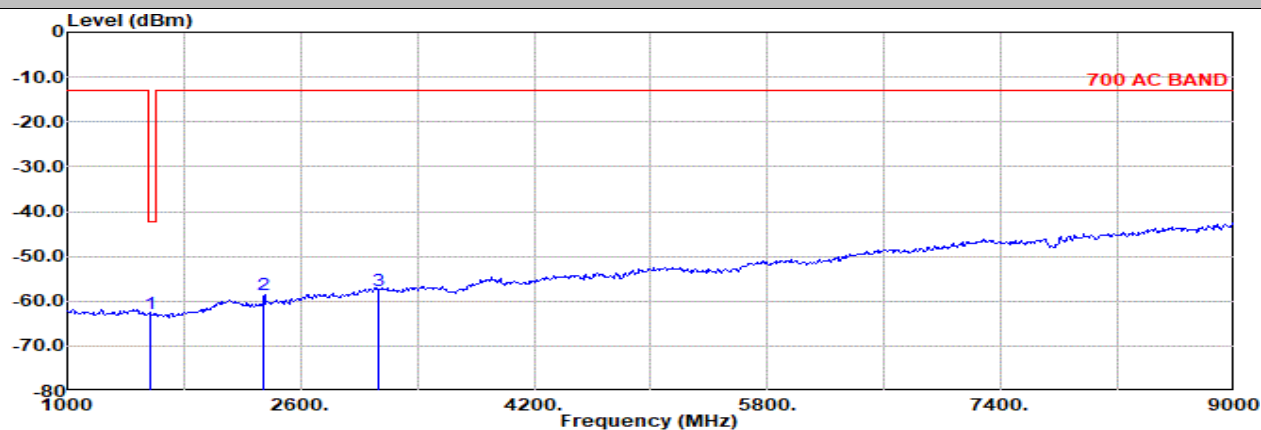


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Part 27F Mode 1

LTE B13 5M Ch23255 1RB0 QPSK

H

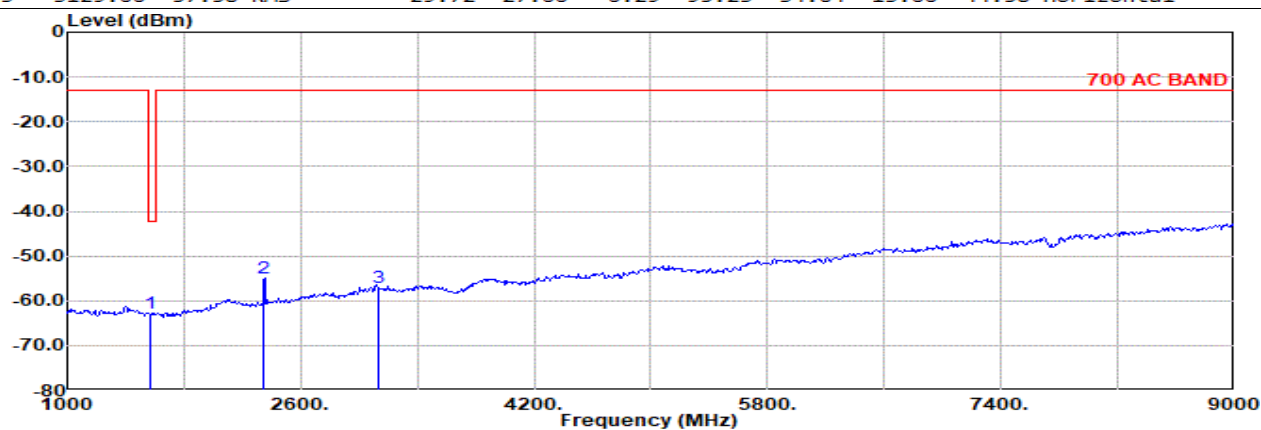


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 13 5M Ch23255 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		Factor	1						
1	1564.00	-62.68	RMS	25.50	-30.29	0.62	-95.23	36.72	-42.15	-20.53	Horizontal
2	2347.00	-58.55	RMS	27.24	-28.44	0.36	-95.23	37.52	-13.00	-45.55	Horizontal
3	3129.00	-57.58	RMS	29.72	-27.00	0.29	-95.23	34.64	-13.00	-44.58	Horizontal



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 13 5M Ch23255 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1564.00	-62.80	RMS	25.50	-30.29	0.62	-95.23	36.60	-42.15	-20.65	Vertical
2	2347.00	-54.86	RMS	27.24	-28.44	0.36	-95.23	41.21	-13.00	-41.86	Vertical
3	3129.00	-57.19	RMS	29.72	-27.00	0.29	-95.23	35.03	-13.00	-44.19	Vertical

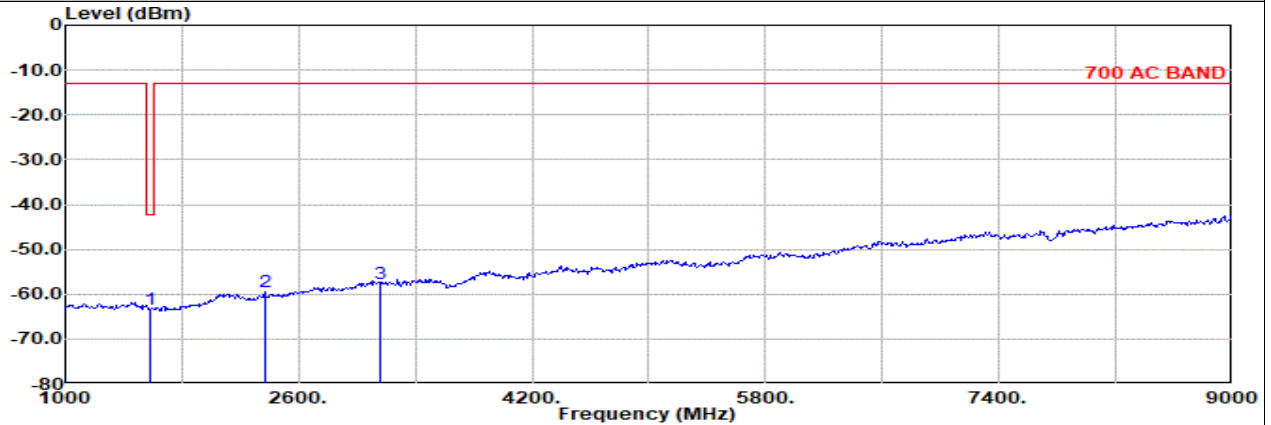


Ant 5

Part 90R Mode 1

LTE B14 5M Ch23305 1RB0 QPSK

L

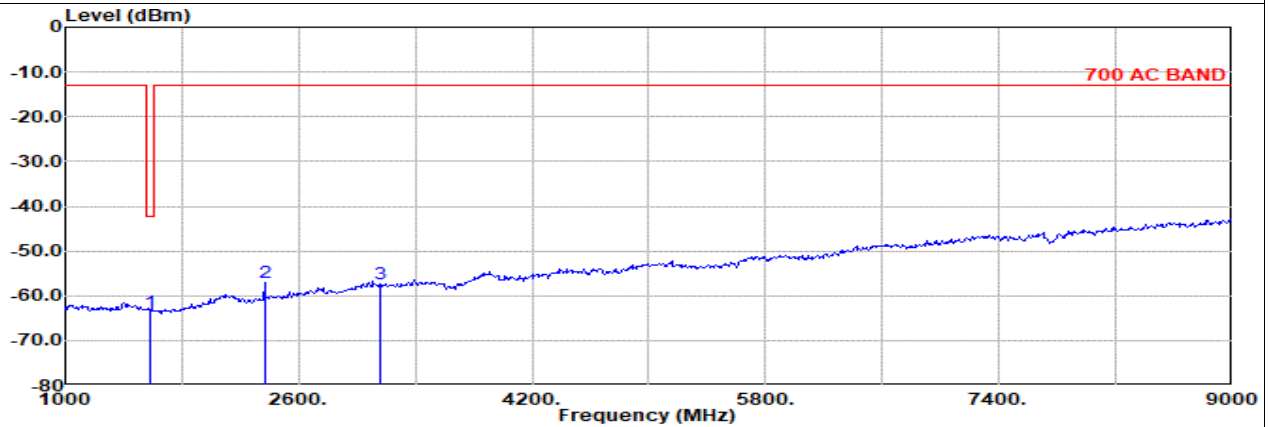


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 14 5M Ch23305 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1576.00	-63.46	RMS	25.56	-30.25	0.63	-95.23	35.83	-42.15	-21.31	Horizontal
2	2365.00	-59.56	RMS	27.30	-28.41	0.34	-95.23	36.44	-13.00	-46.56	Horizontal
3	3153.00	-57.65	RMS	29.79	-26.96	0.30	-95.23	34.45	-13.00	-44.65	Horizontal



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 14 5M Ch23305 1RB0 QPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1				g		
	MHz	dBm		dB/m	dB	dB		dBuV	dBm		dB
1	1576.00	-63.64	RMS	25.56	-30.25	0.63	-95.23	35.65	-42.15	-21.49	Vertical
2	2365.00	-57.15	RMS	27.30	-28.41	0.34	-95.23	38.85	-13.00	-44.15	Vertical
3	3153.00	-57.31	RMS	29.79	-26.96	0.30	-95.23	34.79	-13.00	-44.31	Vertical

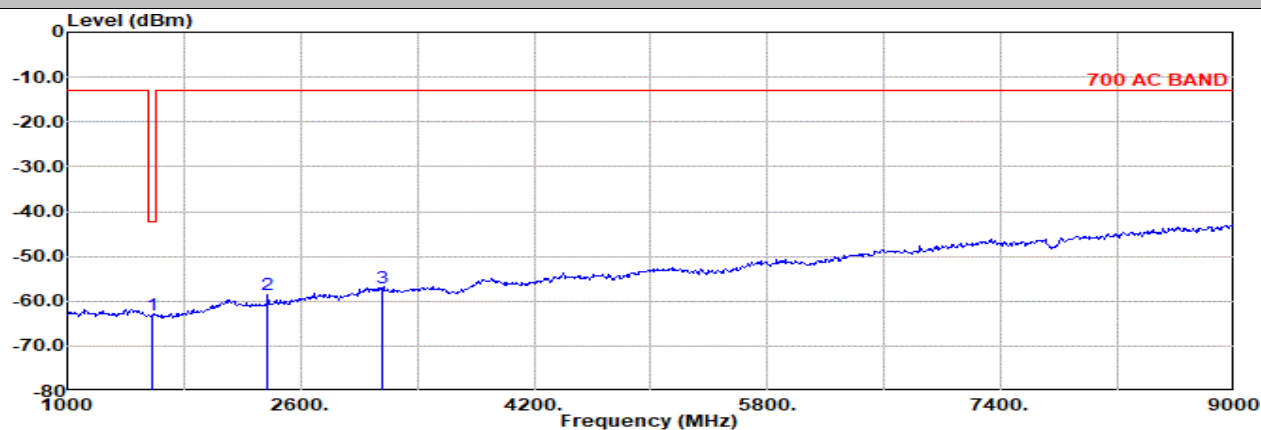


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Part 90R Mode 1

LTE B14 5M Ch23330 1RB0 QPSK

M

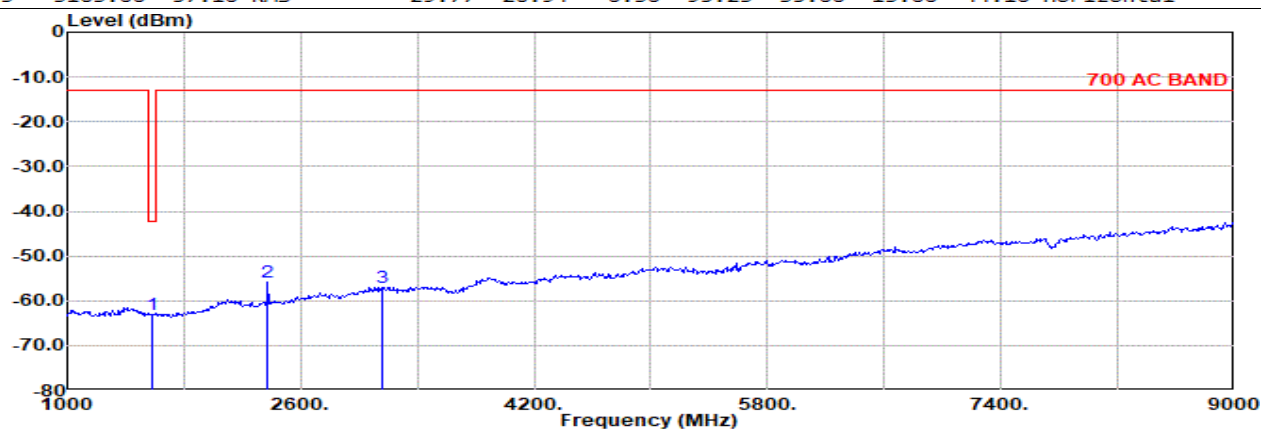


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 14 5M Ch23330 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1581.00	-63.16	RMS	25.61	-30.24	0.63	-95.23	36.07	-42.15	-21.01	Horizontal
2	2372.00	-58.46	RMS	27.28	-28.39	0.34	-95.23	37.54	-13.00	-45.46	Horizontal
3	3163.00	-57.10	RMS	29.77	-26.94	0.30	-95.23	35.00	-13.00	-44.10	Horizontal



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 14 5M Ch23330 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1			dB	dB		
1	1581.00	-63.01	RMS	25.61	-30.24	0.63	-95.23	36.22	-42.15	-20.86	Vertical
2	2372.00	-55.74	RMS	27.28	-28.39	0.34	-95.23	40.26	-13.00	-42.74	Vertical
3	3163.00	-57.19	RMS	29.77	-26.94	0.30	-95.23	34.91	-13.00	-44.19	Vertical

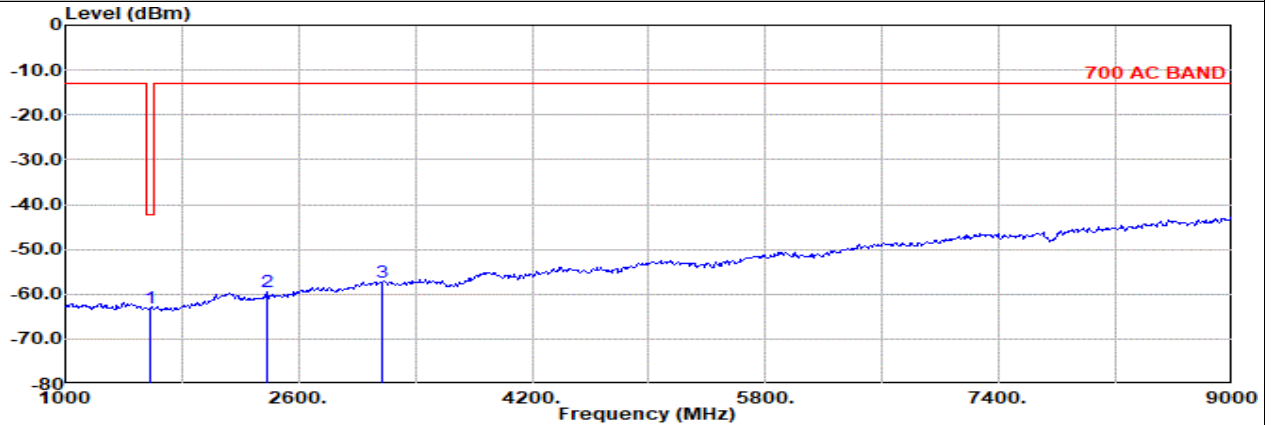


Ant 5

Part 90R Mode 1

LTE B14 5M Ch23355 1RB0 QPSK

H

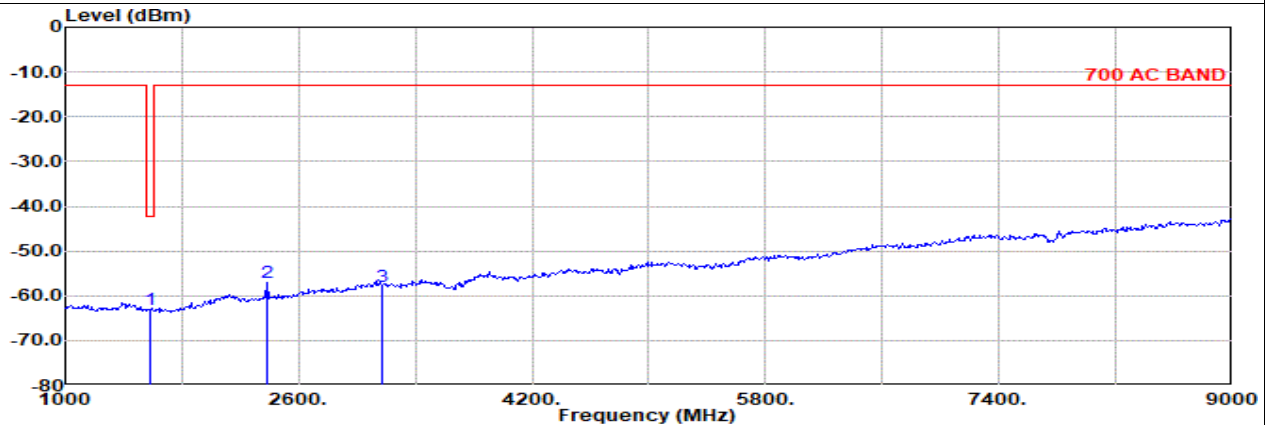


Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Horizontal

: LTE Band 14 5M Ch23355 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin		Pol
	MHz	dBm		Factor	1		dB	dB		dBuV	dBm	dB	
1	1586.00	-62.96	RMS	25.66	-30.22	0.63	-95.23	36.20	-42.15	-20.81	Horizontal		
2	2380.00	-59.33	RMS	27.20	-28.37	0.33	-95.23	36.74	-13.00	-46.33	Horizontal		
3	3173.00	-57.44	RMS	29.75	-26.93	0.30	-95.23	34.67	-13.00	-44.44	Horizontal		



Site : 03CH15-HY

Condition: 700 AC BAND 3m 9120D-02294_250606 Vertical

: LTE Band 14 5M Ch23355 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin		Pol
	MHz	dBm		Factor	1		dB	dB		dBuV	dBm	dB	
1	1586.00	-63.15	RMS	25.66	-30.22	0.63	-95.23	36.01	-42.15	-21.00	Vertical		
2	2380.00	-57.08	RMS	27.20	-28.37	0.33	-95.23	38.99	-13.00	-44.08	Vertical		
3	3173.00	-57.93	RMS	29.75	-26.93	0.30	-95.23	34.18	-13.00	-44.93	Vertical		



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Sam Pan, Quentin Liu, Bigshow Wang	Relative Humidity(%):	51~58%
		Temperature(°C):	21.1~21.7 °C

<WNC Antenna>

B1. Summary of each worse mode

Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	LTE B30	Part 27D	H	6931	-44.82	RMS	35.90	-44.33	0.43	-95.23	58.41	-40.00	-4.82	V	Ant 5

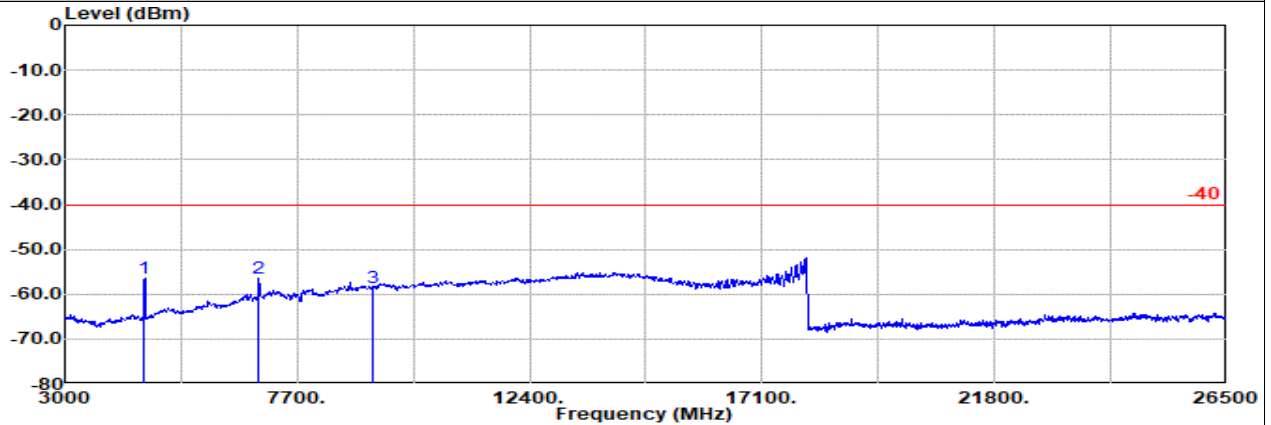


Ant 5

Part 27D Mode 1

LTE B30 5M Ch27685 1RB0 QPSK

L

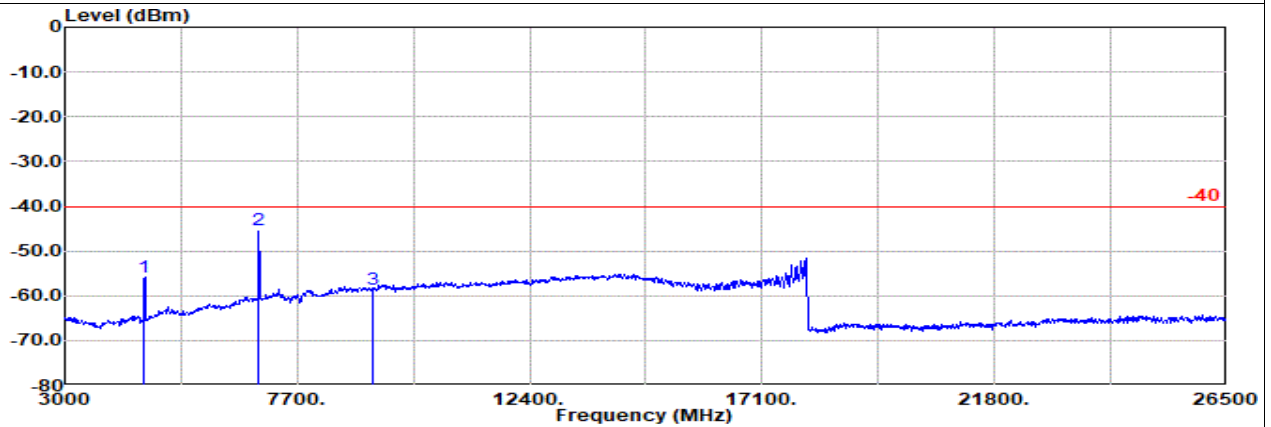


Site : 03CH15-HY

Condition: -40 3m 9120D-02294_250606 Horizontal

Mode : LTE Band 30 5M Ch27685 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	4610.00	-56.60	RMS	31.64	-46.79	0.31	-95.23	53.47	-40.00	-16.60	Horizontal			
2	6916.00	-56.46	RMS	35.90	-44.35	0.43	-95.23	46.79	-40.00	-16.46	Horizontal			
3	9221.00	-58.71	RMS	38.14	-42.41	0.40	-95.23	40.39	-40.00	-18.71	Horizontal			



Site : 03CH15-HY

Condition: -40 3m 9120D-02294_250606 Vertical

Mode : LTE Band 30 5M Ch27685 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	4610.00	-55.86	RMS	31.64	-46.79	0.31	-95.23	54.21	-40.00	-15.86	Vertical			
2	6916.00	-45.37	RMS	35.90	-44.35	0.43	-95.23	57.88	-40.00	-5.37	Vertical			
3	9221.00	-58.62	RMS	38.14	-42.41	0.40	-95.23	40.48	-40.00	-18.62	Vertical			

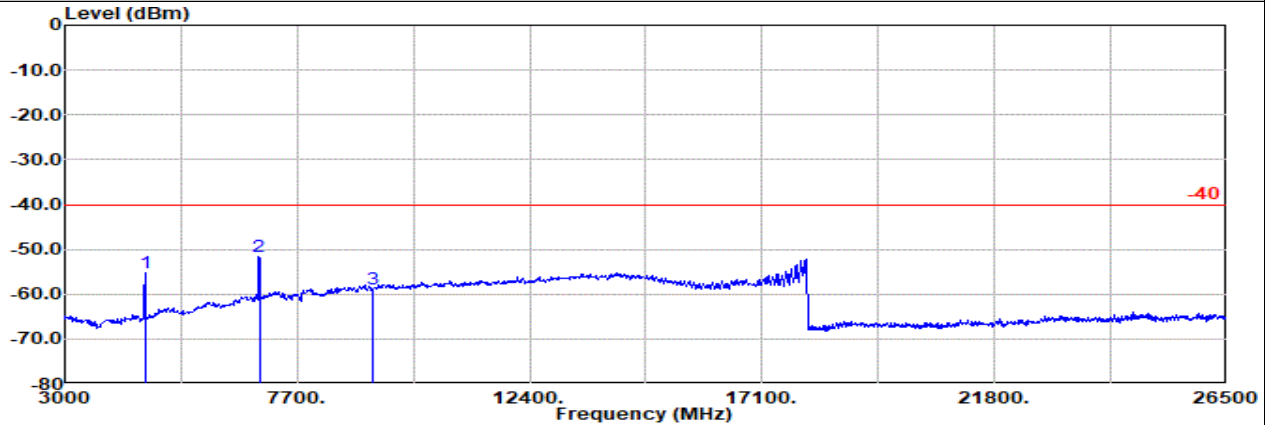


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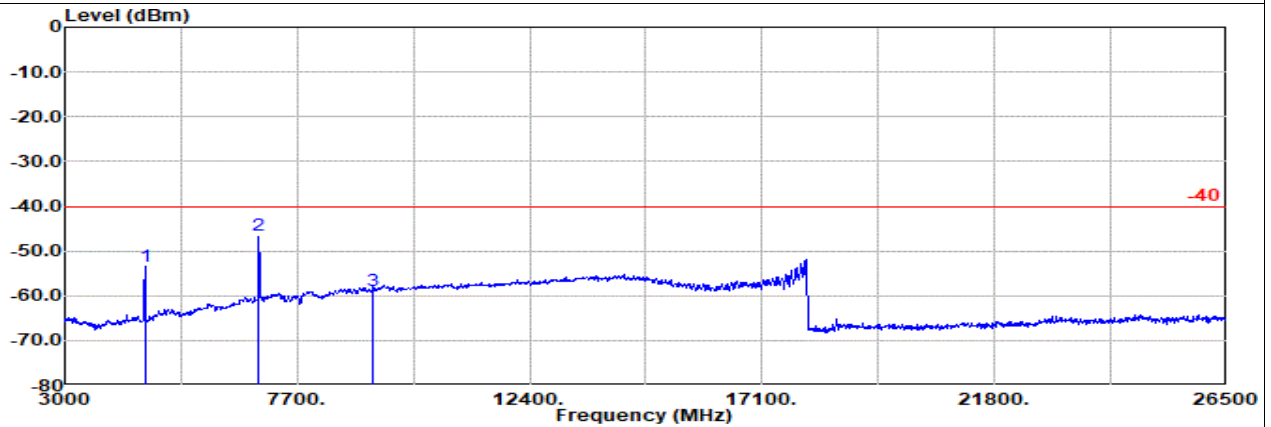
Part 27D Mode 1

LTE B30 5M Ch27710 1RB0 QPSK

M



	Freq Level		Detector	Ant Amp\Cb Filter		Factor	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	4620.00	-55.38	RMS	31.68	-46.77	0.32	-95.23	54.62	-40.00	-15.38	Horizontal		
2	6930.00	-51.64	RMS	35.90	-44.33	0.43	-95.23	51.59	-40.00	-11.64	Horizontal		
3	9225.00	-58.91	RMS	38.15	-42.40	0.40	-95.23	40.17	-40.00	-18.91	Horizontal		



	Freq Level		Detector	Ant Amp\Cb Filter		Factor	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	4620.00	-53.40	RMS	31.68	-46.77	0.32	-95.23	56.60	-40.00	-13.40	Vertical		
2	6923.00	-46.59	RMS	35.90	-44.34	0.43	-95.23	56.65	-40.00	-6.59	Vertical		
3	9231.00	-58.86	RMS	38.16	-42.38	0.40	-95.23	40.19	-40.00	-18.86	Vertical		

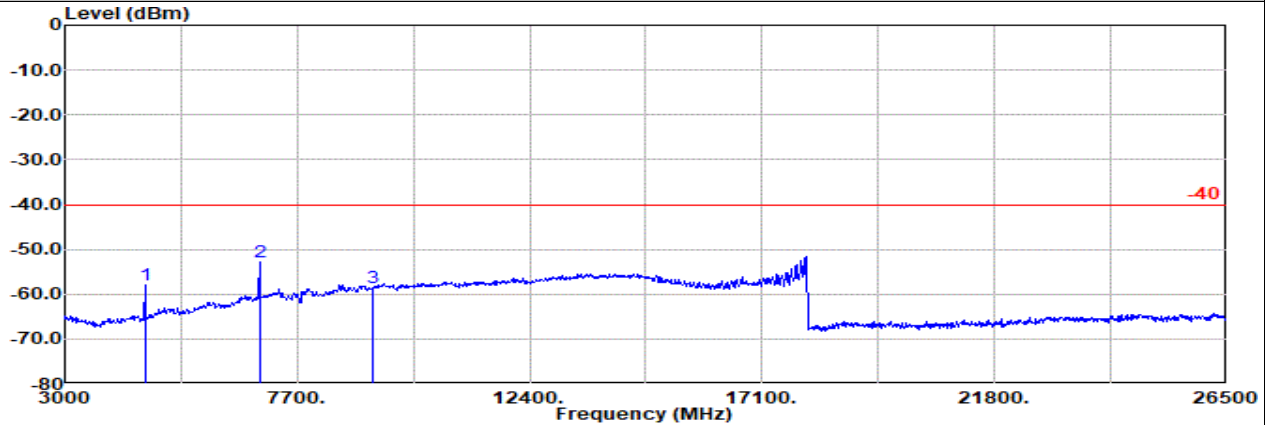


Ant 5

Part 27D Mode 1

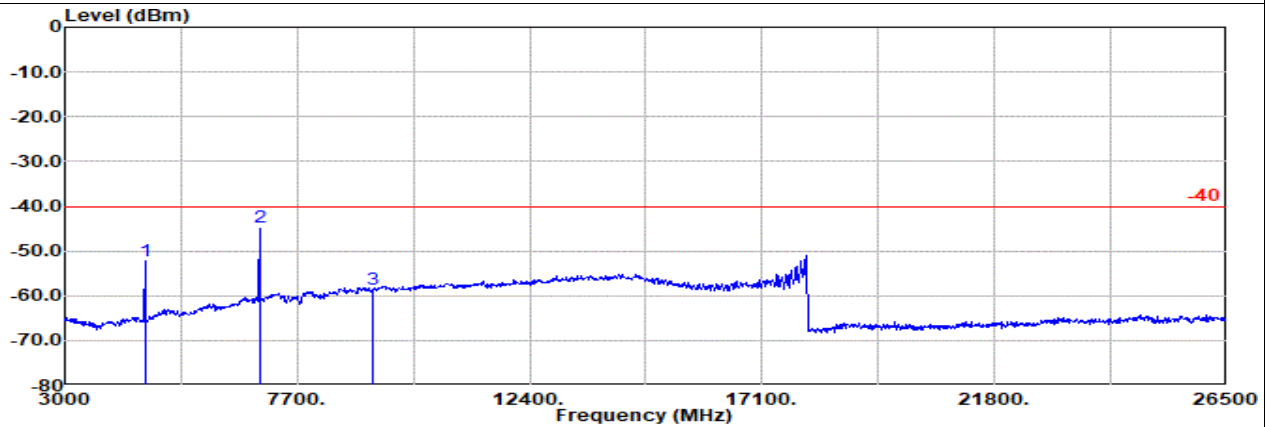
LTE B30 5M Ch27735 1RB0 QPSK

H



Site : 03CH15-HY
Condition: -40 3m 9120D-02294_250606 Horizontal
Mode : LTE Band 30 5M Ch27735 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	4620.00	-58.04	RMS	31.68	-46.77	0.32	-95.23	51.96	-40.00	-18.04	Horizontal
2	6931.00	-52.90	RMS	35.90	-44.33	0.43	-95.23	50.33	-40.00	-12.90	Horizontal
3	9241.00	-58.42	RMS	38.18	-42.36	0.40	-95.23	40.59	-40.00	-18.42	Horizontal



Site : 03CH15-HY
Condition: -40 3m 9120D-02294_250606 Vertical
Mode : LTE Band 30 5M Ch27735 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	4620.00	-52.11	RMS	31.68	-46.77	0.32	-95.23	57.89	-40.00	-12.11	Vertical
2	6931.00	-44.82	RMS	35.90	-44.33	0.43	-95.23	58.41	-40.00	-4.82	Vertical
3	9241.00	-58.57	RMS	38.18	-42.36	0.40	-95.23	40.44	-40.00	-18.57	Vertical

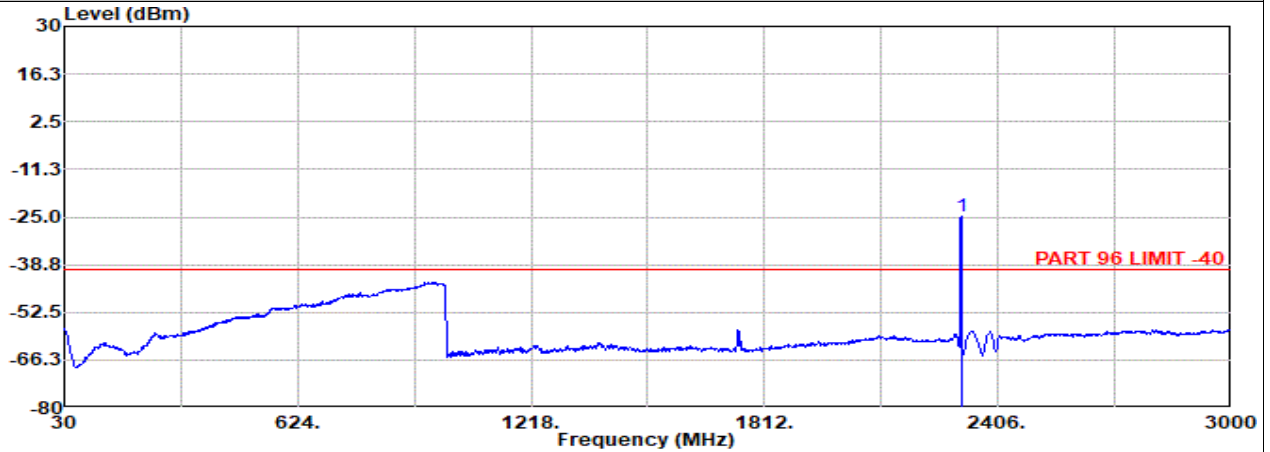


Ant 5

Part 27D Mode 1

LTE B30 5M Ch27735 1RB0 QPSK

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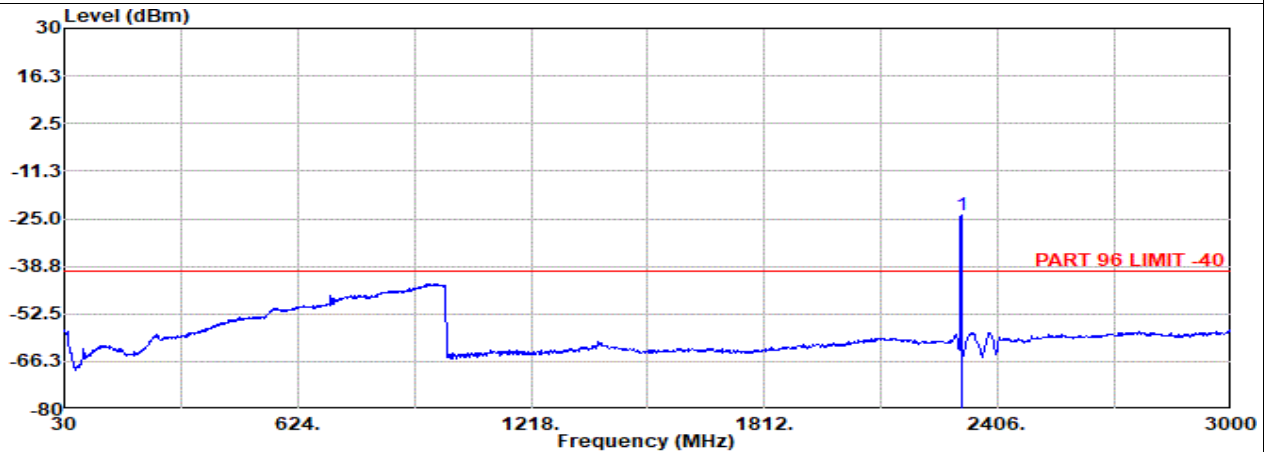


Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m 9120D-02294_250606 Horizontal

Mode : LTE Band 30 5M Ch27735 1RB0 QPSK

1	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	2312.00	-24.59	RMS	27.20	-28.52	0.51	-95.23	71.45	-40.00	15.41 Horizontal



Site : 03CH15-HY

Condition: PART 96 LIMIT -40 3m 9120D-02294_250606 Vertical

Mode : LTE Band 30 5M Ch27735 1RB0 QPSK

1	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	2312.00	-23.95	RMS	27.20	-28.52	0.51	-95.23	72.09	-40.00	16.05 Vertical