



FCC RADIO TEST REPORT

FCC ID : B94HNI67C4BLV
Equipment : Notebook Computer
Brand Name : HP
Model Name : HSN-I67C-4
Applicant : HP Inc.
1501 Page Mill Road, Palo Alto CA, 94304, USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27D, Part 90(S)

The product was received on Jan. 28, 2026 and testing was performed from Mar. 03, 2026 to Mar. 18, 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.

Louis Wu

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
FG5O2730-02C	01	Initial issue of report	Apr. 10, 2026



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 (n26)	Pass	
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (n25) (n41)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (n77)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (n77)		
4.2	§2.1053 §22.917 (a) §24.238 (a)§90.691	Radiated Spurious Emission (n25) (n26)	Pass	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (n41)		
	§2.1053 §27.53 (l)(2)	Radiated Spurious Emission (n77)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (n77)		

Remark:

- For host device, Field Strength of Spurious Radiation, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and complies with the limit in this test report.
- As the RF design of this device is identical to that of FCC ID B94HNI65C4BLV, with the only variation being the CPU platform, RSE data reuse from FCC ID B94HNI65C4BLV is hereby requested. Spot-check measurements presented in Appendix A and B of this report substantiate and justify the validity of the RSE data reuse for this device configuration.

Conformity Assessment Condition:

- 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.
- 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: Freda Wu**

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
Sample 1	Host with Vendor 1 Antenna
Sample 2	Host with Vendor 2 Antenna
Integrated WLAN Module	Brand Name: Intel Model Name: BE211D2W FCC ID: PD9BE211D2
Integrated NFC Module	Brand Name: WNC Model Name: XRAV-1 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

Support band and evaluated information	
Supported band	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n66, n70, n71, n77, n78, n5B, n41C, n77C, n78C
Evaluated and Tested band	n25, n26, n41, n77

TDD band Power Class					
	SISO PC3	SISO PC2	MIMO PC3	MIMO PC2	MIMO PC1.5
n38	V	-	-	-	-
n41	V	V	V	V	V
n77	V	V	V	V	V
n78	V	V	V	V	V



WWAN Antenna Information				
Antenna 5	Manufacturer	Vendor 1	Peak gain (dBi)	5G NR n2: 0.15 5G NR n5: -1.86 5G NR n7: -1.47 5G NR n12: 0.26 5G NR n13: -0.13 5G NR n14: -0.93 5G NR n25: 0.15 5G NR n26: -1.47 5G NR n30: -1.87 5G NR n38: -2.34 5G NR n41: 0.39 5G NR n66: -0.49 5G NR n71: 0.09 5G NR n77: 2.95 5G NR n78: 2.95
	Part number	6036B0383901 (260-27594)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	5G NR n2: -0.06 5G NR n5: -3.54 5G NR n7: -3.54 5G NR n12: -1.60 5G NR n13: -1.73 5G NR n14: -2.40 5G NR n25: -0.06 5G NR n26: -3.36 5G NR n30: -1.49 5G NR n38: -3.54 5G NR n41: -3.54 5G NR n66: 1.59 5G NR n71: -2.56 5G NR n77: -1.22 5G NR n78: -1.22
	Part number	81EACC15.G29	Type	PIFA
Antenna 8	Manufacturer	Vendor 1	Peak gain (dBi)	5G NR n41: -2.93 5G NR n77: -2.56 5G NR n78: -2.56
	Part number	6036B0383701 (260-27596)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	5G NR n41: 0.17 5G NR n77: 1.04 5G NR n78: -0.34
	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	03CH21-HY	03CH15-HY
Test Engineer	Jimmy Chang	Jack Cheng and Ray Lung	Bigshow Wang
Temperature (°C)	21.4 ~ 23.6	18 ~ 26	21.3 ~ 21.5
Relative Humidity (%)	45.4 ~ 49.8	50 ~ 70	53.0 ~ 55.0

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

FCC Designation No.: TW3786

1.4 Applicable Standards

According to the specifications declared by 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), 27D, 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.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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.

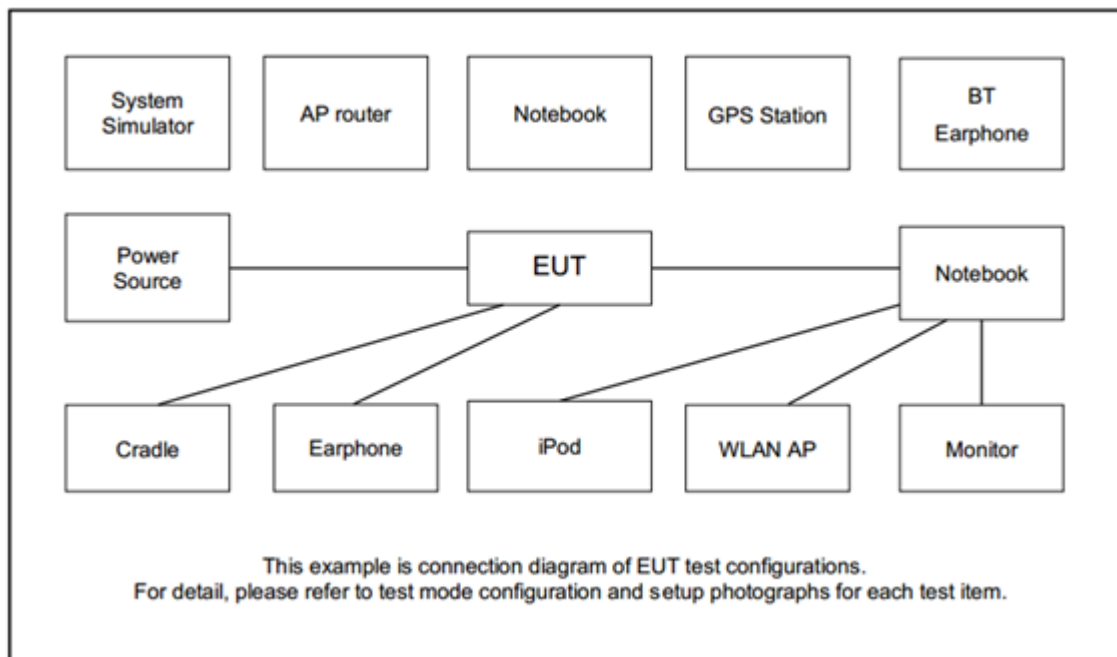
Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM PI/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C	All	1RB	L, M, H
ERP/EIRP	A, B, C	All	1RB	L, M, H
RSE	A	Max	1RB	Remark 6

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. 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.
4. For modulation of pi/2 BPSK & QPSK & 16QAM, the maximum power of pi/2 BPSK & QPSK & 16QAM is higher than other modulation (64QAM/256QAM), therefore, according to engineering evaluation, we choose higher power (pi/2 BPSK & QPSK & 16QAM) to perform tests and show in the report.
5. For 5G NR n41/77 support PC2&PC3, The PC2&PC3 have the same modulation, EIRP power and BW. Therefore, the report only performed Higher Conducted power (PC2) test results.
6. Based on the evaluation of FCC ID B94HNI65C4BLV, verify the worst channel.

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.	Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
4.	Earphone	Apple	N/A	N/A	Shielded, 1.2 m	N/A



2.4 Frequency List of Low/Middle/High Channels

5G NR n25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
45	Channel	374500	376500	378500
	Frequency	1872.5	1882.5	1892.5
40	Channel	374000	376500	379000
	Frequency	1870	1882.5	1895
35	Channel	373500	376500	379500
	Frequency	1867.5	1882.5	1897.5
30	Channel	373000	376500	380000
	Frequency	1865	1882.5	1900
25	Channel	372500	376500	380500
	Frequency	1862.5	1882.5	1902.5
20	Channel	372000	376500	381000
	Frequency	1860	1882.5	1905
15	Channel	371500	376500	381500
	Frequency	1857.5	1882.5	1907.5
10	Channel	371000	376500	382000
	Frequency	1855	1882.5	1910
5	Channel	370500	376500	382500
	Frequency	1852.5	1882.5	1912.5



5G NR n26 Channel and Frequency List (Part22H)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
25	Channel		167300	
	Frequency		836.5	
20	Channel	166800	167300	167800
	Frequency	834	836.5	839
15	Channel	166300	167300	168300
	Frequency	831.5	836.5	841.5
10	Channel	165800	167300	168800
	Frequency	829	836.5	844
5	Channel	165300	167300	169300
	Frequency	826.5	836.5	846.5

5G NR n26 Channel and Frequency List (Part90S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	163800	-
	Frequency	-	819	-
5	Channel	163300	163800	164300
	Frequency	816.5	819	821.5

5G NR n26 Straddle Channel and Frequency List (Part 90S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
30	Channel	-	165800	-
	Frequency	-	829.0	-
25	Channel	-	165500	-
	Frequency	-	827.5	-
20	Channel	-	164800	-
	Frequency	-	824	-
15	Channel	-	164800	-
	Frequency	-	824	-
10	Channel	-	164800	-
	Frequency	-	824	-
5	Channel	-	164800	-
	Frequency	-	824	-



5G NR n41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	509202	518598	528000
	Frequency	2546.01	2592.99	2640
90	Channel	508200	518598	528996
	Frequency	2541	2592.99	2644.98
80	Channel	507204	518598	529998
	Frequency	2536.02	2592.99	2649.99
70	Channel	506202	518598	531000
	Frequency	2531.01	2592.99	2655
60	Channel	505200	518598	531996
	Frequency	2526	2592.99	2659.98
50	Channel	504204	518598	532998
	Frequency	2521.02	2592.99	2664.99
45	Channel	503700	518598	533496
	Frequency	2518.5	2592.99	2667.48
40	Channel	503202	518598	534000
	Frequency	2516.01	2592.99	2670
35	Channel	502704	518598	534498
	Frequency	2513.52	2592.99	2672.49
30	Channel	502200	518598	534996
	Frequency	2511	2592.99	2674.98
25	Channel	501702	518598	535500
	Frequency	2508.51	2592.99	2677.5
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99
15	Channel	500700	518598	536496
	Frequency	2503.5	2592.99	2682.48
10	Channel	500202	518598	537000
	Frequency	2501.01	2592.99	2685



5G NR Band n77 (Part270) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	650000	656000	662000
	Frequency	3750	3840	3930
90	Channel	649668	656000	662332
	Frequency	3745.02	3840	3934.98
80	Channel	649334	656000	662666
	Frequency	3740.01	3840	3939.99
70	Channel	649000	656000	663000
	Frequency	3735	3840	3945
60	Channel	648668	656000	663332
	Frequency	3730.02	3840	3949.98
50	Channel	648334	656000	663666
	Frequency	3725.01	3840	3954.99
40	Channel	648000	656000	664000
	Frequency	3720	3840	3960
30	Channel	647668	656000	664332
	Frequency	3715.02	3840	3965
25	Channel	647500	656000	664500
	Frequency	3712.5	3840	3967.5
20	Channel	647334	656000	664666
	Frequency	3710.01	3840	3969.99
15	Channel	647168	656000	664832
	Frequency	3707.52	3840	3972.48
10	Channel	647000	656000	665000
	Frequency	3705	3840	3975



5G NR Band n77 (Part27Q) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	-	633334	-
	Frequency	-	3500.01	-
90	Channel	633000	633334	633666
	Frequency	3495	3500.01	3504.99
80	Channel	632668	633334	634000
	Frequency	3490.02	3500.01	3510
70	Channel	632334	633334	634332
	Frequency	3485.01	3500.01	3514.98
60	Channel	632000	633334	634666
	Frequency	3480	3500.01	3519.99
50	Channel	631668	633334	635000
	Frequency	3475.02	3500.01	3525
40	Channel	631334	633334	635332
	Frequency	3470.01	3500.01	3529.98
30	Channel	631000	633334	635666
	Frequency	3465	3500.01	3534.99
25	Channel	630834	633334	635832
	Frequency	3462.51	3500.01	3537.48
20	Channel	630668	633334	636000
	Frequency	3460.02	3500.01	3540
15	Channel	630500	633334	636166
	Frequency	3457.5	3500.01	3542.49
10	Channel	630334	633334	636332
	Frequency	3455.01	3500.01	3544.98

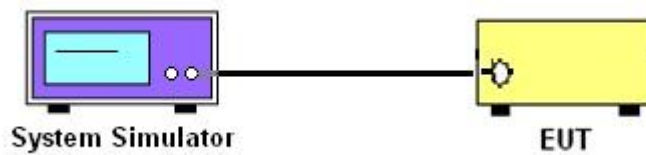
3 Conducted Test Items

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 5G NR n26 (Part 22H)

The power of mobile transmitters must not exceed 100 Watts for 5G NR n26 (Part 90S)

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n25, n41

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n77

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

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

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.

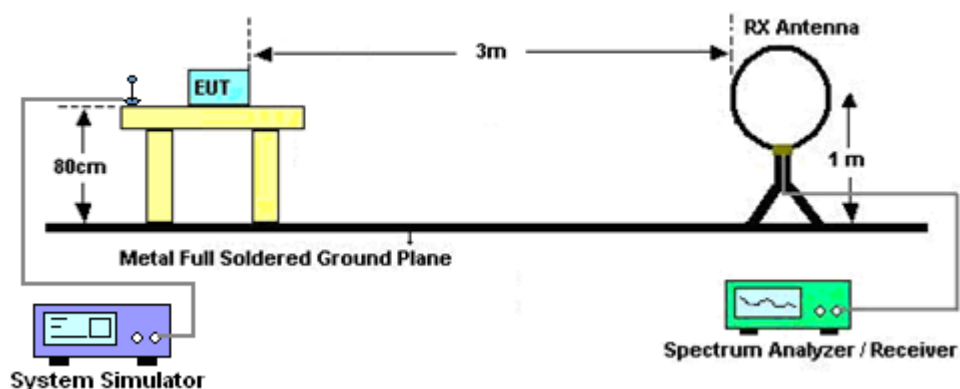
4 Radiated Test Items

4.1 Measuring Instruments

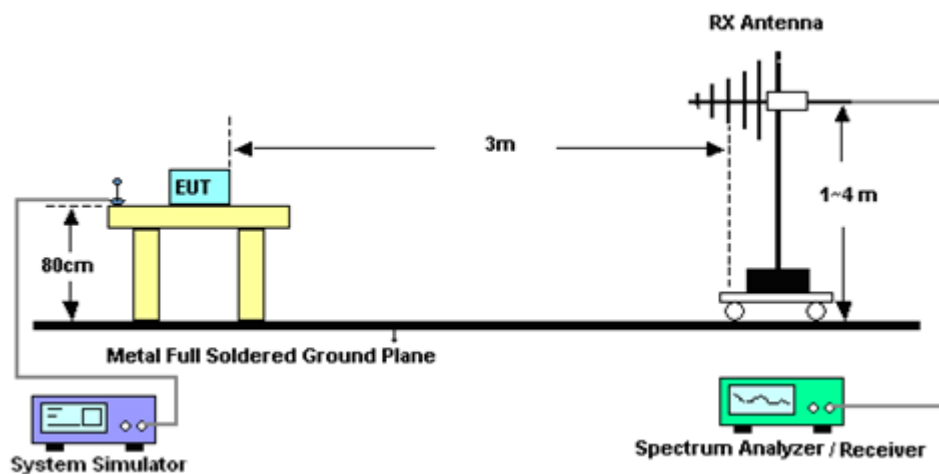
See list of measuring instruments of this test report.

4.1.1 Test Setup

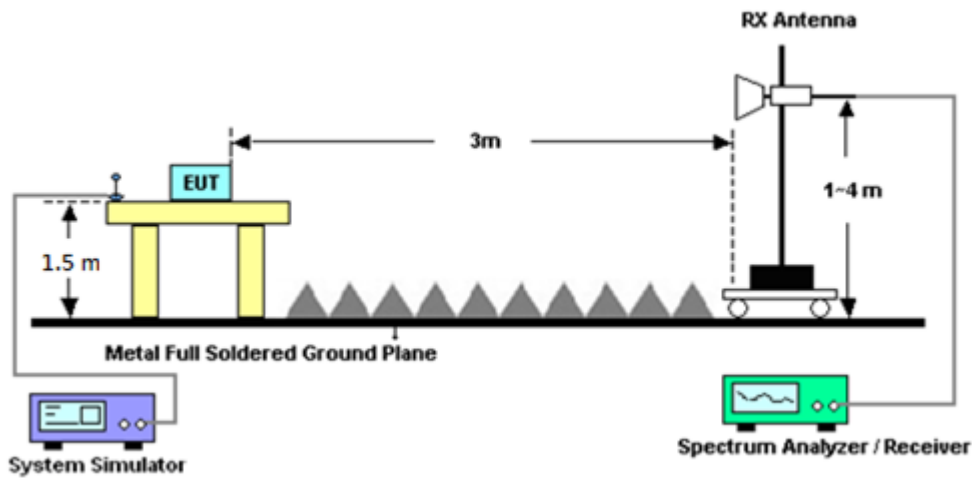
For radiated test below 30MHz



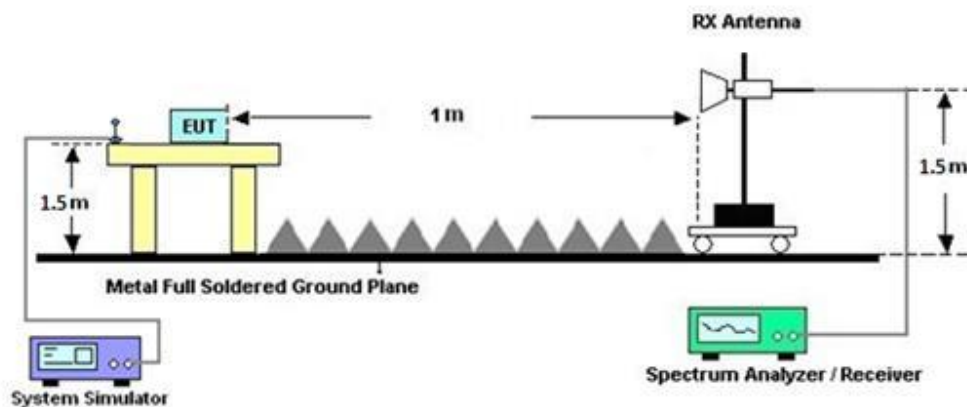
For radiated test from 30MHz to 1GHz



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 5G NR n41

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.

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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For 5G NR n41

The limit line is derived from $55 + 10\log(P)$ 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
Hygrometer	TECPEL	DTM-303A	TP201996	NA	Nov. 04, 2025	Mar. 03, 2026~ Mar. 04, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Base Station (Measure)	Anritsu	MT8000A	6261940327	FR1	Jan. 02, 2026	Mar. 03, 2026~ Mar. 04, 2026	Jan. 01, 2027	Conducted (TH05-HY)
Signal Generator	Anritsu	MG3710A	6261943042	8MHz~40GHz	May 22, 2025	Mar. 03, 2026~ Mar. 04, 2026	May 21, 2026	Conducted (TH05-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2025	Mar. 03, 2026~ Mar. 04, 2026	Jun. 13, 2026	Conducted (TH05-HY)
RF Cable	MVE	MCBL-LL403P. 50	E80002C	9KHz~40GHz	Aug. 01, 2025	Mar. 03, 2026~ Mar. 04, 2026	Jul. 31, 2026	Conducted (TH05-HY)
Software 1	Sporton	FCC 5GNR_FSV30 44_20231106	N/A	Conducted Test Item	N/A	Mar. 03, 2026~ Mar. 04, 2026	N/A	Conducted (TH05-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Mar. 16, 2026~ Mar. 18, 2026	Dec. 10, 2026	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Nov. 26, 2025	Mar. 16, 2026~ Mar. 18, 2026	Nov. 25, 2026	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18E N	1GHz~18GHz	Aug. 07, 2025	Mar. 16, 2026~ Mar. 18, 2026	Aug. 06, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Mar. 16, 2026~ Mar. 18, 2026	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 13, 2025	Mar. 16, 2026~ Mar. 18, 2026	Jul. 12, 2026	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	Mar. 16, 2026~ Mar. 18, 2026	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Mar. 16, 2026~ Mar. 18, 2026	Aug. 25, 2026	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 09, 2025	Mar. 16, 2026~ Mar. 18, 2026	Sep. 08, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 04, 2026	Mar. 16, 2026~ Mar. 18, 2026	Mar. 03, 2027	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,80 4612/2,8039 54/2	30MHz~40GHz	Aug. 11, 2025	Mar. 16, 2026~ Mar. 18, 2026	Aug. 10, 2026	Radiation (03CH21-HY)
RF Cable	EMCI	EMC101Y-KM- KM-1000	240906	30MHz~40GHz	Oct. 21, 2025	Mar. 16, 2026~ Mar. 18, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Mar. 16, 2026~ Mar. 18, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Mar. 16, 2026~ Mar. 18, 2026	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Mar. 16, 2026~ Mar. 18, 2026	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Mar. 16, 2026~ Mar. 18, 2026	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Mar. 16, 2026~ Mar. 18, 2026	N/A	Radiation (03CH21-HY)



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. 04, 2026~ Mar. 12, 2026	May 05, 2026	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 06, 2025	Mar. 04, 2026~ Mar. 12, 2026	Jun. 05, 2026	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz~1GHz	Oct. 04, 2025	Mar. 04, 2026~ Mar. 12, 2026	Oct. 03, 2026	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 11, 2026	Mar. 04, 2026~ Mar. 12, 2026	Feb. 10, 2027	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 11, 2026	Mar. 04, 2026~ Mar. 12, 2026	Feb. 10, 2027	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 26, 2026	Mar. 04, 2026~ Mar. 12, 2026	May 25, 2027	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44Gz	Jul. 15, 2025	Mar. 04, 2026~ Mar. 12, 2026	Jul. 14, 2026	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar. 04, 2026~ Mar. 12, 2026	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar. 04, 2026~ Mar. 12, 2026	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_230621	RK-002394	N/A	N/A	Mar. 04, 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. 04, 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. 04, 2026~ Mar. 12, 2026	Sep. 23, 2026	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN2	N/A	Aug. 26, 2025	Mar. 04, 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. 04, 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. 04, 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. 04, 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. 04, 2026~ Mar. 12, 2026	Dec. 21, 2026	Radiation (03CH15-HY)

6 Measurement Uncertainty

<03CH21-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.40 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.30 dB
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<03CH15-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.50 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.30 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.50 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.90 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and ERI/EIRP)

NR n25 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	1	PI/2 BPSK	23.48	23.58	23.61	23.81	0.2404
5	1	1	QPSK	23.48	23.56	23.66		
5	1	1	16-QAM	22.52	22.63	22.60	22.78	0.1897
Limit	EIRP < 2W			Result			Pass	

NR n25 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	1	PI/2 BPSK	23.52	23.54	23.67	23.82	0.2410
10	1	1	QPSK	23.53	23.59	23.58		
10	1	1	16-QAM	22.61	22.68	22.60	22.83	0.1919
Limit	EIRP < 2W			Result			Pass	

NR n25 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	1	PI/2 BPSK	23.50	23.55	23.59	23.79	0.2393
15	1	1	QPSK	23.46	23.56	23.64		
15	1	1	16-QAM	22.61	22.64	22.65	22.80	0.1905
Limit	EIRP < 2W			Result			Pass	

NR n25 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	1	PI/2 BPSK	23.49	23.62	23.68	23.83	0.2415
20	1	1	QPSK	23.47	23.63	23.66		
20	1	1	16-QAM	22.56	22.60	22.71	22.86	0.1932
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	23.51	23.64	23.63	23.79	0.2393
25	1	1	QPSK	23.50	23.62	23.64		
25	1	1	16-QAM	22.58	22.73	22.74	22.89	0.1945
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.57	23.73	23.74	23.89	0.2449
30	1	1	QPSK	23.60	23.72	23.70		
30	1	1	16-QAM	22.69	22.72	22.82	22.97	0.1982
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
35	1	1	PI/2 BPSK	23.54	23.63	23.68	23.83	0.2415
35	1	1	QPSK	23.57	23.59	23.65		
35	1	1	16-QAM	22.60	22.62	22.78	22.93	0.1963
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.55	23.56	23.65	23.81	0.2404
40	1	1	QPSK	23.53	23.57	23.66		
40	1	1	16-QAM	22.60	22.54	22.73	22.88	0.1941
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
45	1	1	PI/2 BPSK	23.46	23.53	23.58	23.80	0.2399
45	1	1	QPSK	23.54	23.49	23.65		
45	1	1	16-QAM	22.59	22.60	22.71	22.86	0.1932
Limit	EIRP < 2W			Result			Pass	

Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
5	1	1	PI/2 BPSK	24.33	24.34	24.30	20.72	0.1180
5	1	1	QPSK	24.25	24.32	24.26		
5	1	1	16-QAM	23.51	23.46	23.47	19.89	0.0975
Limit	Power < 100W			Result			Pass	

Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -1.47 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
10	1	1	PI/2 BPSK	-	24.31	-	20.69	0.1172
10	1	1	QPSK	-	24.24	-		
10	1	1	16-QAM	-	23.53	-	19.91	0.0979
Limit	Power < 100W			Result			Pass	

NR n41 PC2 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	1	PI/2 BPSK	26.42	26.48	26.02	26.88	0.4875
10	1	1	QPSK	26.49	26.42	26.00		
10	1	1	16-QAM	25.33	25.35	24.76	25.74	0.3750
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 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	1	PI/2 BPSK	26.52	26.42	26.11	26.91	0.4909
15	1	1	QPSK	26.48	26.43	26.10		
15	1	1	16-QAM	25.33	25.30	24.97	25.72	0.3733
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 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	1	PI/2 BPSK	26.35	26.40	26.10	26.79	0.4775
20	1	1	QPSK	26.36	26.40	26.09		
20	1	1	16-QAM	25.17	25.30	24.98	25.69	0.3707
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.47	26.44	26.07	26.88	0.4875
25	1	1	QPSK	26.49	26.41	26.03		
25	1	1	16-QAM	25.31	25.31	24.96	25.70	0.3715
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.47	26.41	26.25	26.89	0.4887
30	1	1	QPSK	26.50	26.42	26.20		
30	1	1	16-QAM	25.35	25.28	25.17	25.74	0.3750
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
35	1	1	PI/2 BPSK	26.51	26.40	26.20	26.94	0.4943
35	1	1	QPSK	26.55	26.35	26.22		
35	1	1	16-QAM	25.37	25.33	25.05	25.76	0.3767
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.45	26.41	26.21	26.85	0.4842
40	1	1	QPSK	26.46	26.35	26.17		
40	1	1	16-QAM	25.29	25.30	25.06	25.69	0.3707
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
45	1	1	PI/2 BPSK	26.44	26.36	26.14	26.83	0.4819
45	1	1	QPSK	26.41	26.35	26.12		
45	1	1	16-QAM	25.25	25.21	24.99	25.64	0.3664
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.41	26.32	26.32	26.84	0.4831
50	1	1	QPSK	26.45	26.30	26.30		
50	1	1	16-QAM	25.26	25.25	25.14	25.65	0.3673
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.41	26.32	26.31	26.84	0.4831
60	1	1	QPSK	26.45	26.31	26.33		
60	1	1	16-QAM	25.25	25.18	25.19	25.64	0.3664
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.42	26.34	26.15	26.81	0.4797
70	1	1	QPSK	26.42	26.38	26.13		
70	1	1	16-QAM	25.24	25.25	24.96	25.64	0.3664
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.35	26.41	26.25	26.80	0.4786
80	1	1	QPSK	26.40	26.37	26.21		
80	1	1	16-QAM	25.22	25.23	25.10	25.62	0.3648
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.37	26.42	26.36	26.81	0.4797
90	1	1	QPSK	26.40	26.34	26.29		
90	1	1	16-QAM	25.22	25.35	25.19	25.74	0.3750
Limit	EIRP < 2W			Result			Pass	

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 0.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.35	26.34	26.35	26.75	0.4732
100	1	1	QPSK	26.36	26.33	26.31		
100	1	1	16-QAM	25.20	25.18	25.18	25.59	0.3622
Limit	EIRP < 2W			Result			Pass	

Part 27O NR n77 PC2 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	1	PI/2 BPSK	26.73	26.71	26.49	27.78	0.5998
10	1	1	QPSK	26.74	26.64	26.47		
10	1	1	16-QAM	25.49	25.47	25.31	26.53	0.4498
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 PC2 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	1	PI/2 BPSK	26.76	26.71	26.56	27.80	0.6026
15	1	1	QPSK	26.71	26.60	26.50		
15	1	1	16-QAM	25.49	25.51	25.38	26.55	0.4519
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 PC2 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	1	PI/2 BPSK	26.75	26.70	26.51	27.79	0.6012
20	1	1	QPSK	26.74	26.61	26.49		
20	1	1	16-QAM	25.55	25.46	25.36	26.59	0.4560
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.75	26.70	26.56	27.79	0.6012
25	1	1	QPSK	26.74	26.66	26.51		
25	1	1	16-QAM	25.42	25.45	25.29	26.49	0.4457
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.74	26.77	26.74	27.81	0.6039
30	1	1	QPSK	26.70	26.73	26.73		
30	1	1	16-QAM	25.37	25.48	25.42	26.52	0.4487
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.78	26.76	26.69	27.82	0.6053
40	1	1	QPSK	26.74	26.69	26.61		
40	1	1	16-QAM	25.45	25.48	25.36	26.52	0.4487
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.66	26.70	26.66	27.74	0.5943
50	1	1	QPSK	26.59	26.67	26.61		
50	1	1	16-QAM	25.22	25.38	25.32	26.42	0.4385
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.73	26.68	26.53	27.77	0.5984
60	1	1	QPSK	26.72	26.70	26.54		
60	1	1	16-QAM	25.41	25.48	25.28	26.52	0.4487
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.58	26.70	26.44	27.74	0.5943
70	1	1	QPSK	26.58	26.65	26.40		
70	1	1	16-QAM	25.37	25.43	25.20	26.47	0.4436
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.74	26.68	26.55	27.78	0.5998
80	1	1	QPSK	26.68	26.69	26.51		
80	1	1	16-QAM	25.49	25.44	25.32	26.53	0.4498
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.61	26.63	26.65	27.69	0.5875
90	1	1	QPSK	26.57	26.61	26.64		
90	1	1	16-QAM	25.34	25.44	25.41	26.48	0.4446
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.66	26.60	26.49	27.70	0.5888
100	1	1	QPSK	26.63	26.59	26.51		
100	1	1	16-QAM	25.46	25.42	25.29	26.50	0.4467
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 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	1	PI/2 BPSK	26.65	26.74	26.86	27.90	0.6166
10	1	1	QPSK	26.65	26.75	26.86		
10	1	1	16-QAM	25.29	25.34	25.52	26.56	0.4529
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 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	1	PI/2 BPSK	26.75	26.79	26.79	27.83	0.6067
15	1	1	QPSK	26.74	26.77	26.78		
15	1	1	16-QAM	25.45	25.44	25.48	26.52	0.4487
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 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	1	PI/2 BPSK	26.76	26.77	26.68	27.81	0.6039
20	1	1	QPSK	26.77	26.77	26.65		
20	1	1	16-QAM	25.45	25.41	25.40	26.49	0.4457
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.82	26.78	26.63	27.89	0.6152
25	1	1	QPSK	26.85	26.80	26.59		
25	1	1	16-QAM	25.31	25.30	25.16	26.35	0.4315
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.77	26.71	26.84	27.91	0.6180
30	1	1	QPSK	26.77	26.87	26.85		
30	1	1	16-QAM	25.27	25.36	25.33	26.40	0.4365
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.86	26.81	26.72	27.90	0.6166
40	1	1	QPSK	26.82	26.81	26.72		
40	1	1	16-QAM	25.35	25.32	25.26	26.39	0.4355
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.73	26.70	26.70	27.78	0.5998
50	1	1	QPSK	26.72	26.71	26.74		
50	1	1	16-QAM	25.19	25.22	25.21	26.26	0.4227
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.78	26.65	26.84	27.91	0.6180
60	1	1	QPSK	26.77	26.69	26.87		
60	1	1	16-QAM	25.31	25.23	25.38	26.42	0.4385
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.65	26.64	26.80	27.84	0.6081
70	1	1	QPSK	26.68	26.62	26.77		
70	1	1	16-QAM	25.26	25.15	25.46	26.50	0.4467
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.74	26.66	26.65	27.79	0.6012
80	1	1	QPSK	26.75	26.66	26.64		
80	1	1	16-QAM	25.37	25.23	25.21	26.41	0.4375
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.66	26.63	26.69	27.74	0.5943
90	1	1	QPSK	26.67	26.66	26.70		
90	1	1	16-QAM	25.23	25.25	25.24	26.29	0.4256
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 PC2 Maximum Average Power [dBm] (GT - LC = 1.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.70	-	27.74	0.5943
100	1	1	QPSK	-	26.68	-		
100	1	1	16-QAM	-	25.32	-	26.36	0.4325
Limit	EIRP < 1W			Result			Pass	



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Jack Cheng and Ray Lung	Temperature :	21.1 ~ 25.7°C
		Relative Humidity :	55.8 ~ 63.2%

<Vendor 1>

B1-1. Summary of each worse mode

Mode	Band	Part	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	EN-DC B2+n5	Part 24E	M	7502	-55.59	RMS	36.70	-21.16	1.54	-95.23	22.56	-13.00	-42.59	V	LTE Ant 8 5GNR Ant 5
2	EN-DC B7+n5	Part 27M	M	10104	-54.40	RMS	37.11	-21.60	1.67	-95.23	23.65	-25.00	-29.40	V	LTE Ant 8 5GNR Ant 5

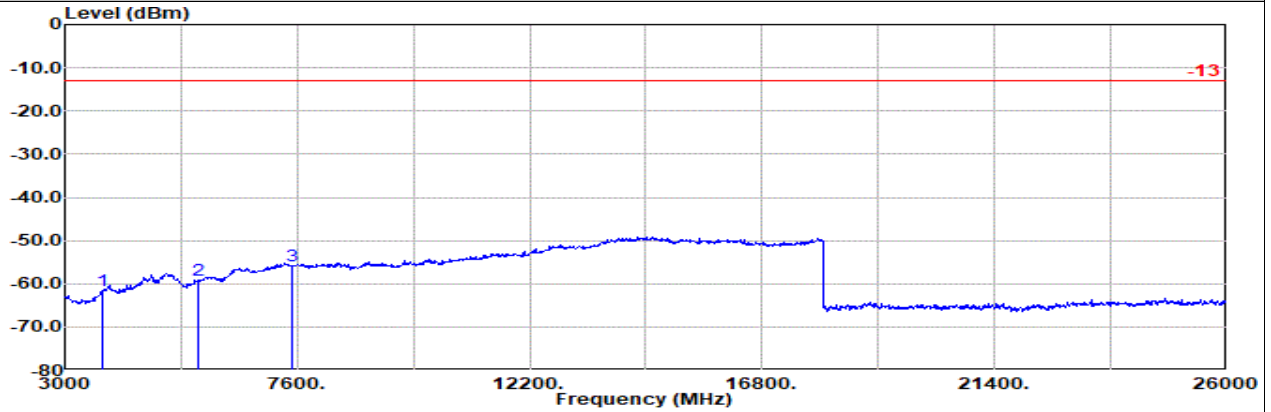


LTE Ant 8 + 5GNR Ant 5

Part 24E Mode 2

EN-DC B2+n5 Ch18900 + Ch167300

M



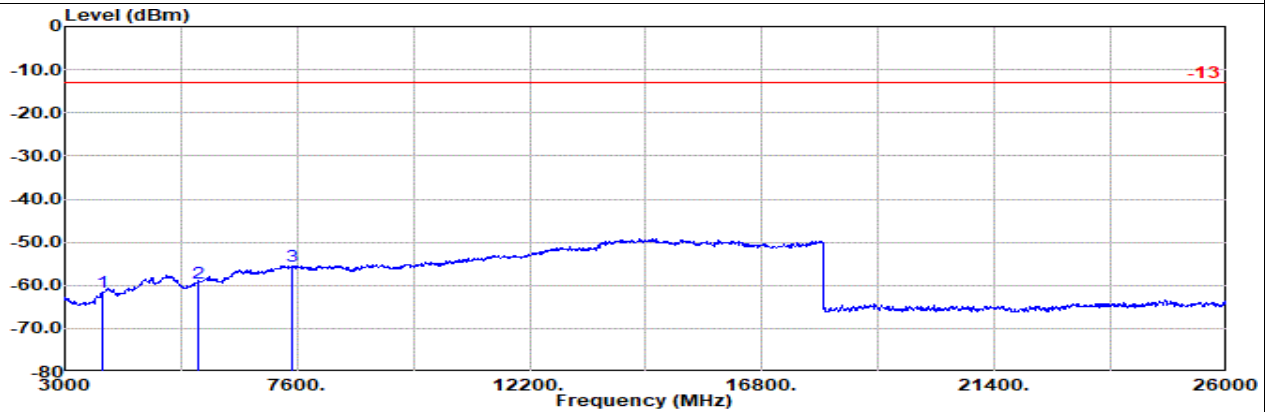
Site : 03CH21-HY

Condition: -13 1m BBHA9170_1223_250702 Horizontal

: LTE B2 10M Ch18900 1RB0 QPSK

: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB		dBuV	dBm	dB	
1	3751.00	-61.68	RMS	30.00	-23.64	1.67	-95.23	25.52	-13.00	-48.68	Horizontal				
2	5627.00	-59.26	RMS	33.01	-21.84	1.53	-95.23	23.27	-13.00	-46.26	Horizontal				
3	7502.00	-55.98	RMS	36.70	-21.16	1.54	-95.23	22.17	-13.00	-42.98	Horizontal				



Site : 03CH21-HY

Condition: -13 1m BBHA9170_1223_250702 Vertical

: LTE B2 10M Ch18900 1RB0 QPSK

: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB		dBuV	dBm	dB	
1	3751.00	-61.71	RMS	30.00	-23.64	1.67	-95.23	25.49	-13.00	-48.71	Vertical				
2	5627.00	-59.54	RMS	33.01	-21.84	1.53	-95.23	22.99	-13.00	-46.54	Vertical				
3	7502.00	-55.59	RMS	36.70	-21.16	1.54	-95.23	22.56	-13.00	-42.59	Vertical				

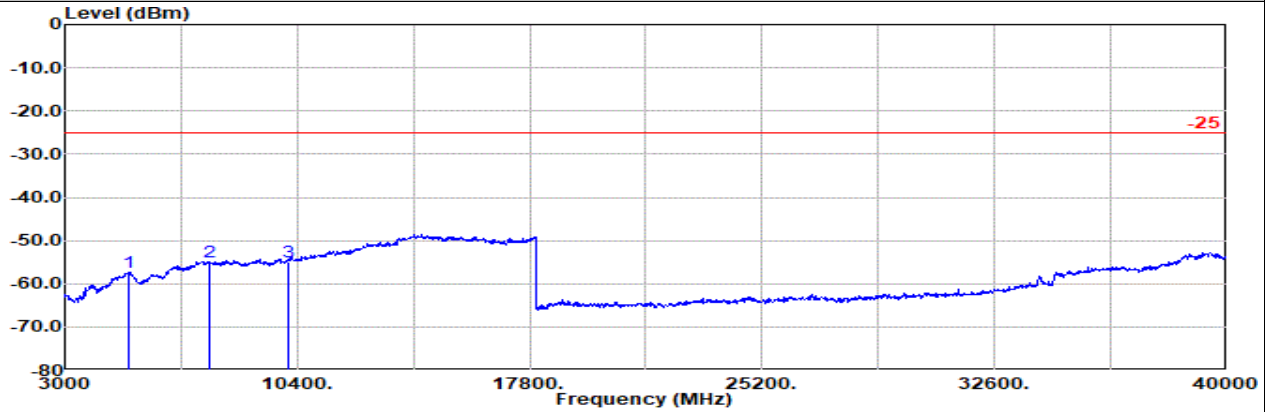


LTE Ant 8 + 5GNR Ant 5

Part 27M Mode 2

EN-DC B7+n5 Ch21100 + Ch167300

M



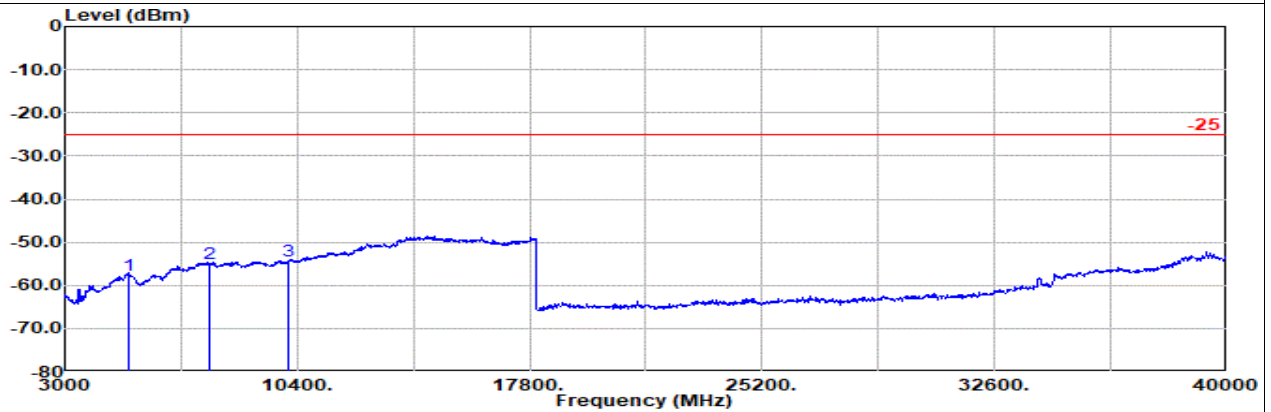
Site : 03CH21-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

: LTE B7 20M Ch21100 1RB0 QPSK

: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	5052.00	-57.46	RMS	32.69	-21.62	2.20	-95.23	24.50	-25.00	-32.46 Horizontal
2	7578.00	-54.95	RMS	36.60	-21.20	1.61	-95.23	23.27	-25.00	-29.95 Horizontal
3	10104.00	-54.87	RMS	37.11	-21.60	1.67	-95.23	23.18	-25.00	-29.87 Horizontal



Site : 03CH21-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

: LTE B7 20M Ch21100 1RB0 QPSK

: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	5052.00	-57.72	RMS	32.69	-21.62	2.20	-95.23	24.24	-25.00	-32.72 Vertical
2	7578.00	-54.89	RMS	36.60	-21.20	1.61	-95.23	23.33	-25.00	-29.89 Vertical
3	10104.00	-54.40	RMS	37.11	-21.60	1.67	-95.23	23.65	-25.00	-29.40 Vertical

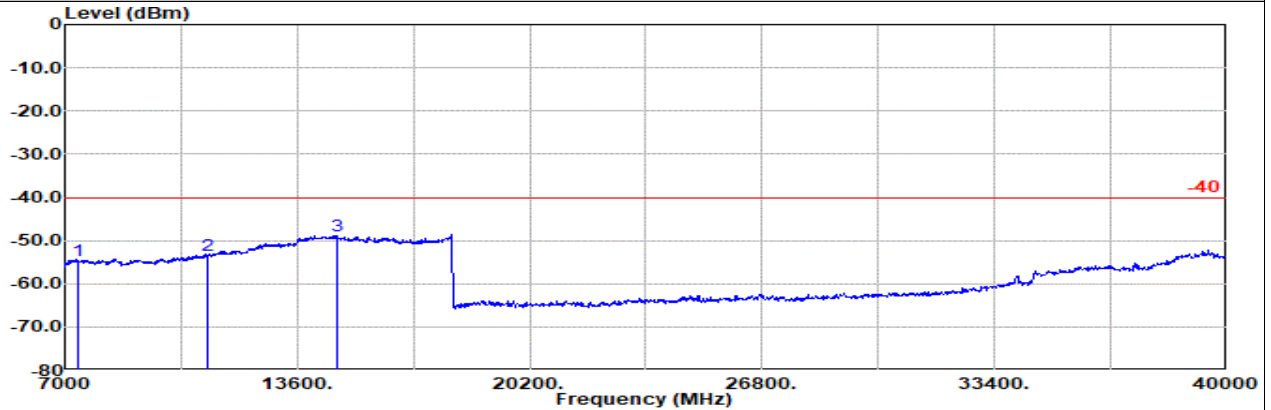


LTE Ant 8 + 5GNR Ant 5

Part 96 Mode 1

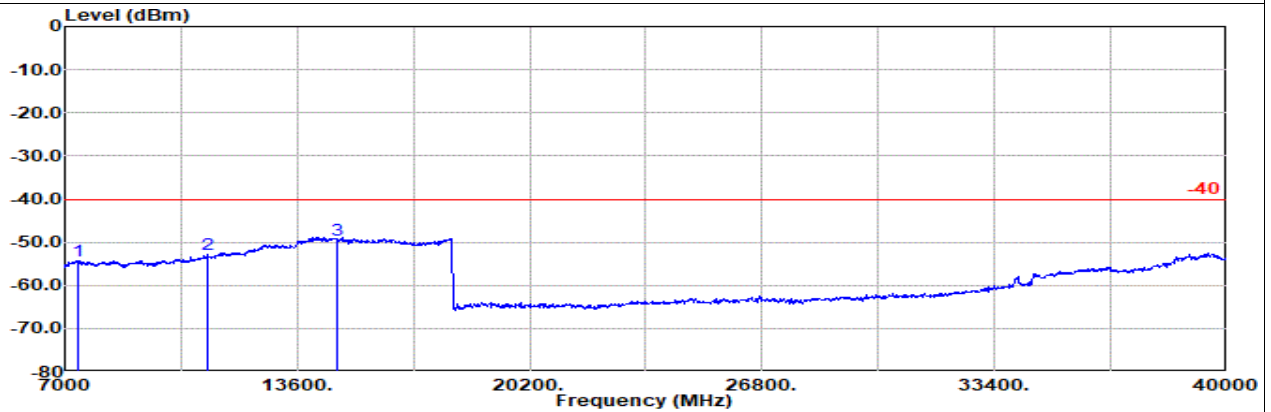
EN-DC B48+n5 Ch56640 + Ch167300

H



Site : 03CH21-HY
Condition: -40 1m BBHA9170_1223_250702 Horizontal
: LTE B48 20M Ch56640 1RB0 QPSK
: SA n5 20M Ch167300 1RB1 BPSK

	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	7362.00	-54.57	RMS	36.90	-21.29	1.76	-95.23	23.29	-40.00	-14.57	Horizontal
2	11043.00	-53.35	RMS	37.77	-21.71	1.90	-95.23	23.92	-40.00	-13.35	Horizontal
3	14724.00	-49.02	RMS	41.20	-23.27	2.19	-95.23	26.09	-40.00	-9.02	Horizontal



Site : 03CH21-HY
Condition: -40 1m BBHA9170_1223_250702 Vertical
: LTE B48 20M Ch56640 1RB0 QPSK
: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1	dB		g	dBm		
1	7362.00	-54.42	RMS	36.90	-21.29	1.76	-95.23	23.44	-40.00	-14.42	Vertical
2	11043.00	-52.89	RMS	37.77	-21.71	1.90	-95.23	24.38	-40.00	-12.89	Vertical
3	14724.00	-49.40	RMS	41.20	-23.27	2.19	-95.23	25.71	-40.00	-9.40	Vertical



B2-1. Summary of each worse mode

Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp/Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	NR SA n25	Part 24E	H	7509	-55.38	RMS	36.68	-21.17	1.54	-95.23	22.80	-13.00	-42.38	V	Ant 5
3	EN-DC B5+n2	Part 24E	M	7485	-55.43	RMS	36.73	-21.17	1.52	-95.23	22.72	-13.00	-42.43	H	LTE Ant 5 5GNR Ant 8
1	NR SA n77	Part 27O	M	15165	-50.22	RMS	41.10	-23.50	2.17	-95.23	25.24	-13.00	-37.22	V	Ant 5
1	NR SA n26	Part 90S	M	3268	-64.93	RMS	27.97	-23.81	1.05	-95.23	25.09	-13.00	-51.93	H	Ant 5

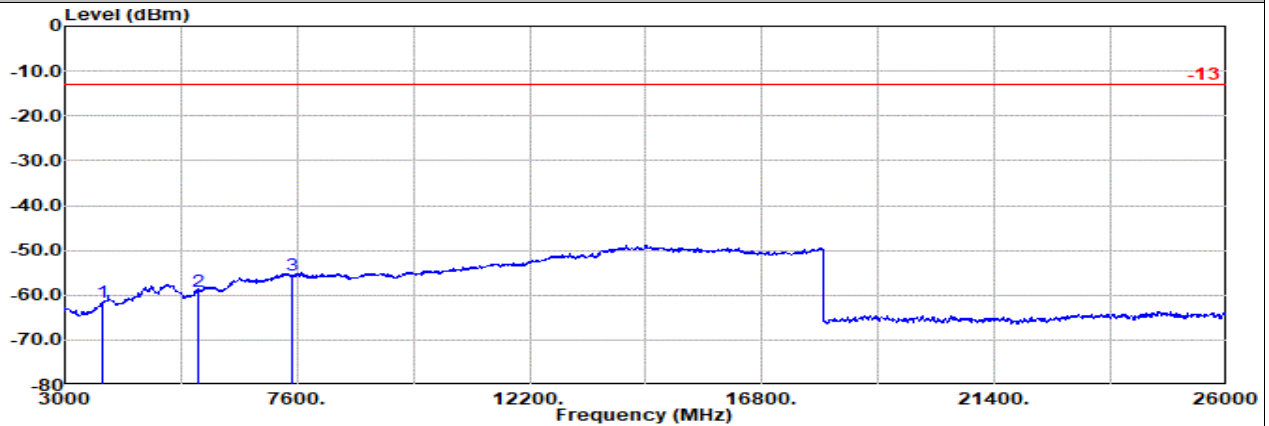


Ant. 5

Part 24E Mode 1

NR SA n25 40M Ch379000 1RB1 BPSK

H

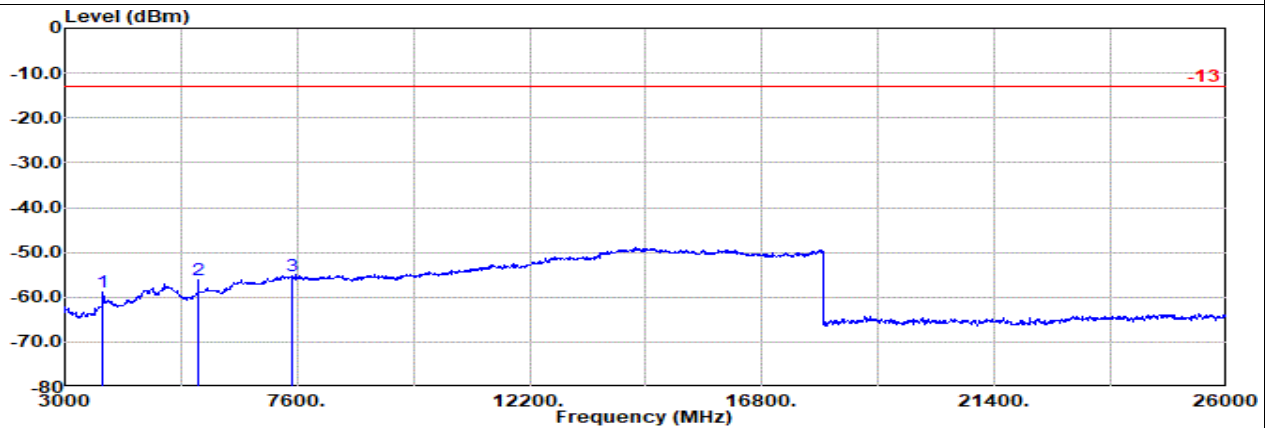


Site : 03CH21-HY

Condition: -13 1m BBHA9170_1223_250702 Horizontal

: SA n25 40M Ch379000 1RB1 BPSK

	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	3755.00	-61.68	RMS	30.02	-23.63	1.67	-95.23	25.49	-13.00	-48.68	Horizontal
2	5632.00	-59.28	RMS	33.03	-21.84	1.54	-95.23	23.22	-13.00	-46.28	Horizontal
3	7509.00	-55.56	RMS	36.68	-21.17	1.54	-95.23	22.62	-13.00	-42.56	Horizontal



Site : 03CH21-HY

Condition: -13 1m BBHA9170_1223_250702 Vertical

: SA n25 40M Ch379000 1RB1 BPSK

	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	3755.00	-58.85	RMS	30.02	-23.63	1.67	-95.23	28.32	-13.00	-45.85	Vertical
2	5632.00	-56.14	RMS	33.03	-21.84	1.54	-95.23	26.36	-13.00	-43.14	Vertical
3	7509.00	-55.38	RMS	36.68	-21.17	1.54	-95.23	22.80	-13.00	-42.38	Vertical

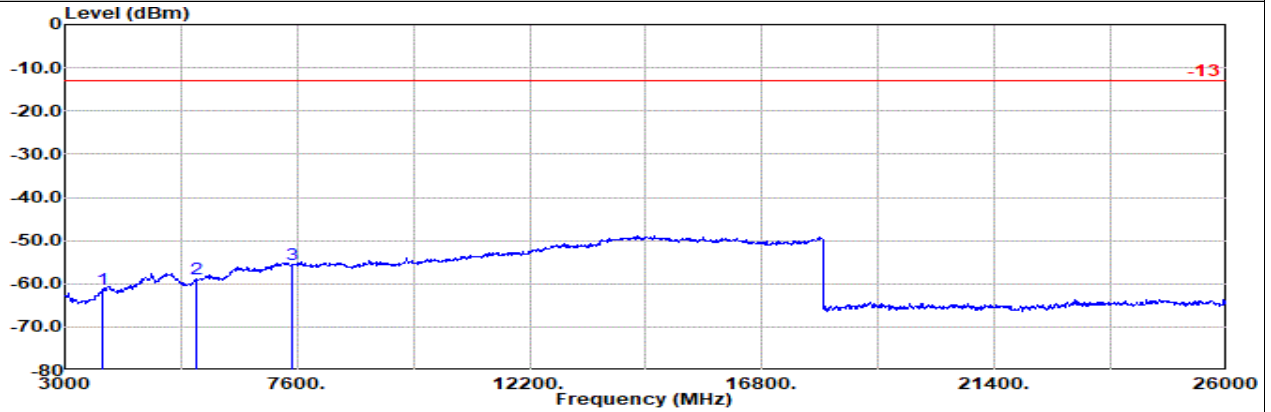


LTE Ant 5 + 5GNR Ant 8

Part 24E Mode 3

EN-DC B5+n2 Ch20525 + Ch376000

M



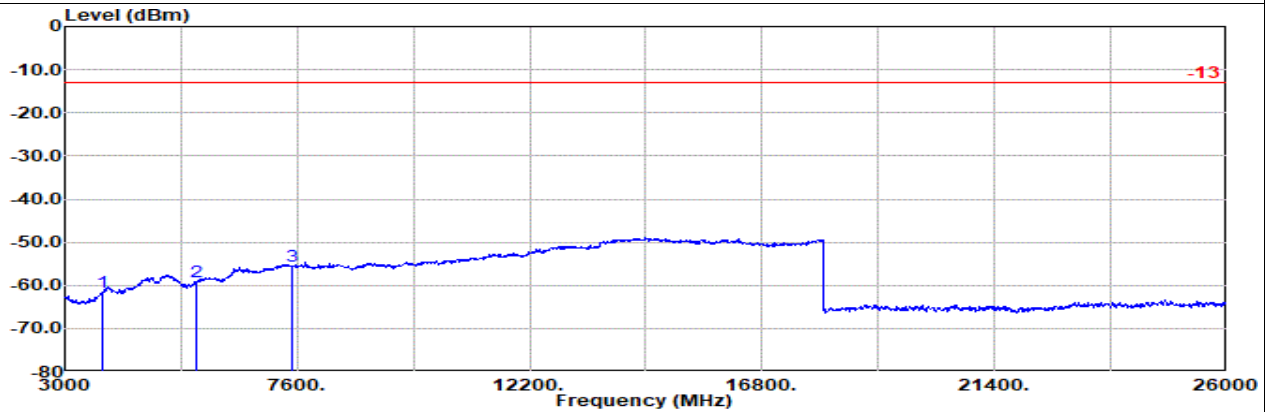
Site : 03CH21-HY

Condition: -13 1m BBHA9170_1223_250702 Horizontal

: LTE Band 5 10M Ch20525 1RB0 QPSK

: SA n2 20M Ch376000 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin		Pol
				Factor	Amp\Cb							
	MHz	dBm			1							
1	3743.00	-61.25	RMS	29.94	-23.66	1.68	-95.23	26.02	-13.00	-48.25		Horizontal
2	5614.00	-58.79	RMS	32.96	-21.84	1.53	-95.23	23.79	-13.00	-45.79		Horizontal
3	7485.00	-55.43	RMS	36.73	-21.17	1.52	-95.23	22.72	-13.00	-42.43		Horizontal



Site : 03CH21-HY

Condition: -13 1m BBHA9170_1223_250702 Vertical

: LTE Band 5 10M Ch20525 1RB0 QPSK

: SA n2 20M Ch376000 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin		Pol
				Factor	Amp\Cb							
	MHz	dBm			1							
1	3743.00	-61.51	RMS	29.94	-23.66	1.68	-95.23	25.76	-13.00	-48.51		Vertical
2	5614.00	-59.02	RMS	32.96	-21.84	1.53	-95.23	23.56	-13.00	-46.02		Vertical
3	7485.00	-55.45	RMS	36.73	-21.17	1.52	-95.23	22.70	-13.00	-42.45		Vertical

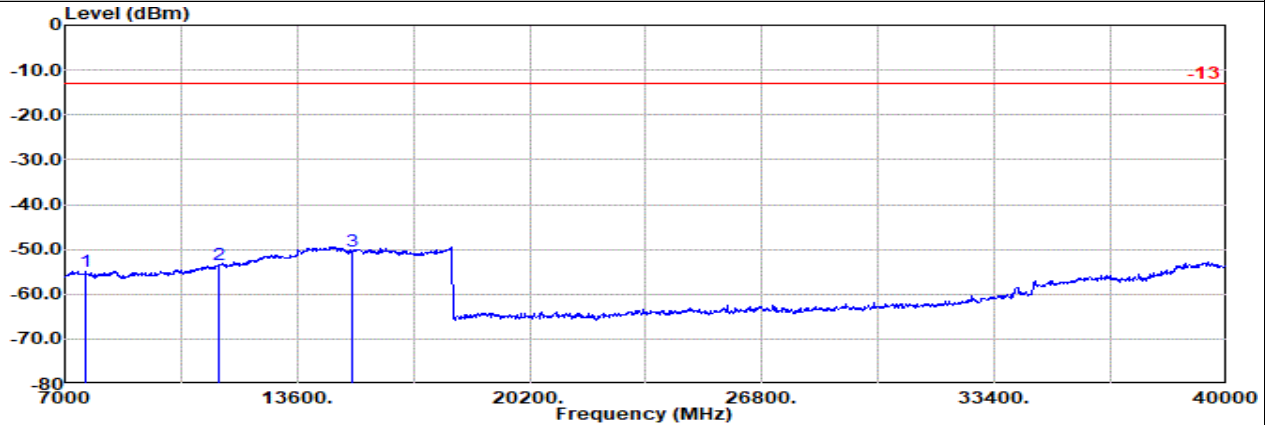


Ant. 5

Part 270 Mode 1

NR SA n77 100M Ch656000 1RB1 BPSK

M

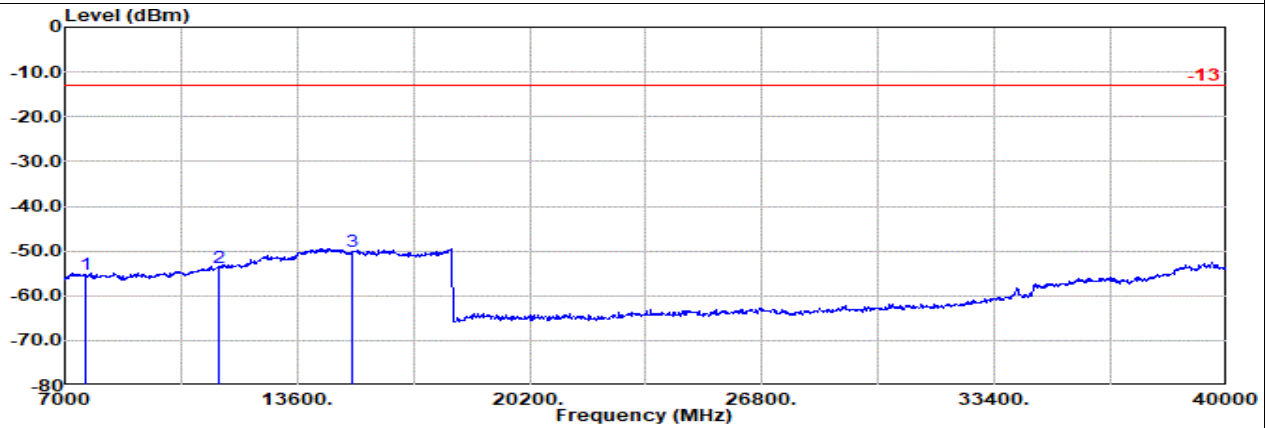


Site : 03CH21-HY

Condition: -13 1m BBHA9170_1223_250702 Horizontal

: SA n77 100M Ch656000 1RB1 BPSK

	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	7583.00	-55.00	RMS	36.60	-21.21	1.95	-95.23	22.89	-13.00	-42.00	Horizontal			
2	11374.00	-53.53	RMS	38.40	-21.74	1.96	-95.23	23.08	-13.00	-40.53	Horizontal			
3	15165.00	-50.31	RMS	41.10	-23.50	2.17	-95.23	25.15	-13.00	-37.31	Horizontal			



Site : 03CH21-HY

Condition: -13 1m BBHA9170_1223_250702 Vertical

: SA n77 100M Ch656000 1RB1 BPSK

	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	7583.00	-55.22	RMS	36.60	-21.21	1.95	-95.23	22.67	-13.00	-42.22	Vertical			
2	11374.00	-53.71	RMS	38.40	-21.74	1.96	-95.23	22.90	-13.00	-40.71	Vertical			
3	15165.00	-50.22	RMS	41.10	-23.50	2.17	-95.23	25.24	-13.00	-37.22	Vertical			

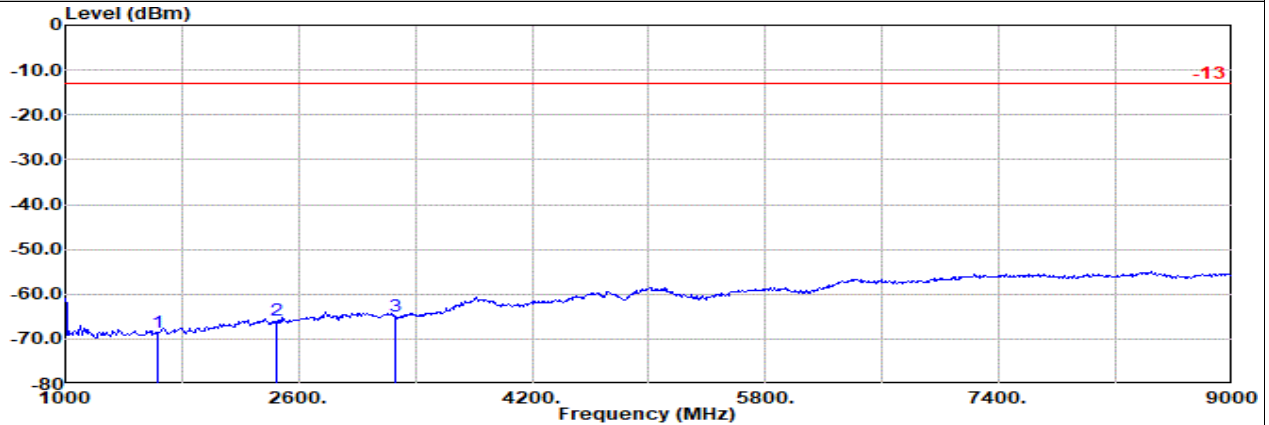


Ant. 5

Part 90S Mode 1

NR SA n26 10M Ch163800 1RB1 BPSK

M

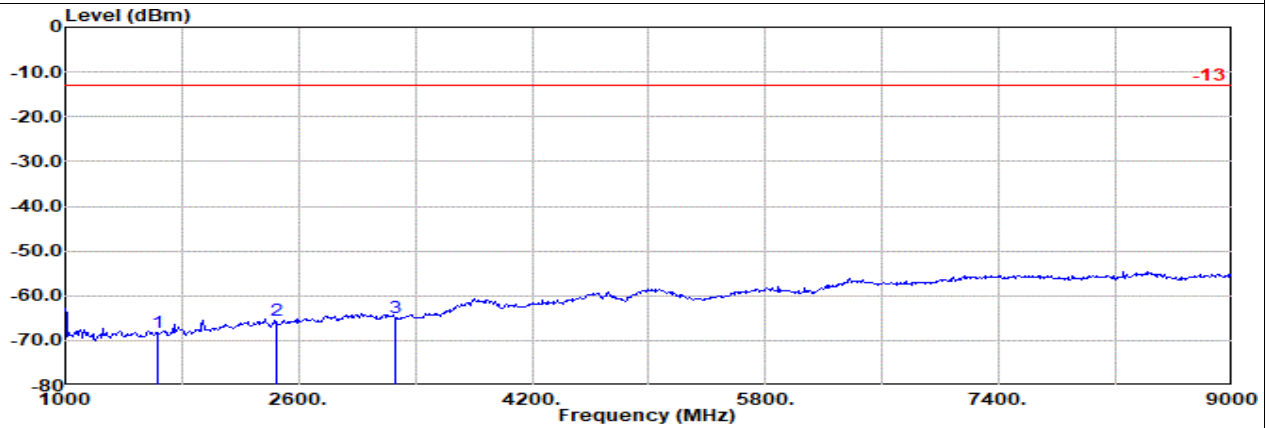


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_250807 Horizontal

NR SA n26 10M Ch163800 1RB1 BPSK

	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	1634.00	-68.49	RMS	24.64	-25.15	1.07	-95.23	26.18	-13.00	-55.49	Horizontal
2	2451.00	-65.87	RMS	26.79	-24.24	0.91	-95.23	25.90	-13.00	-52.87	Horizontal
3	3268.00	-64.93	RMS	27.97	-23.81	1.05	-95.23	25.09	-13.00	-51.93	Horizontal



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_250807 Vertical

NR SA n26 10M Ch163800 1RB1 BPSK

	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	1634.00	-68.20	RMS	24.64	-25.15	1.07	-95.23	26.47	-13.00	-55.20	Vertical
2	2451.00	-65.53	RMS	26.79	-24.24	0.91	-95.23	26.24	-13.00	-52.53	Vertical
3	3268.00	-65.03	RMS	27.97	-23.81	1.05	-95.23	24.99	-13.00	-52.03	Vertical



<Vendor 2>

B3-1. 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
2	EN-DC B30+n5	Part 27D	M	6924	-54.40	RMS	36.05	-21.58	1.45	-95.23	24.91	-40.00	-14.40	V	LTE Ant 5 5GNR Ant 8
2	EN-DC B66+n5	Part 27L	M	6944	-56.58	RMS	36.09	-21.58	1.44	-95.23	22.70	-13.00	-43.58	H	LTE Ant 5 5GNR Ant 8

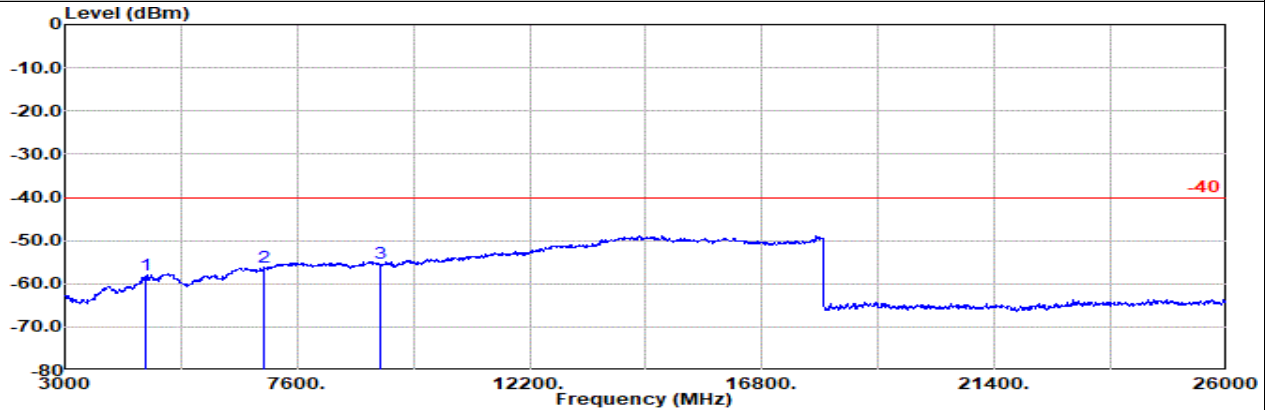


LTE Ant 5 + 5GNR Ant 8

Part 27D Mode 2

EN-DC B30+n5 Ch27710 + Ch167300

M



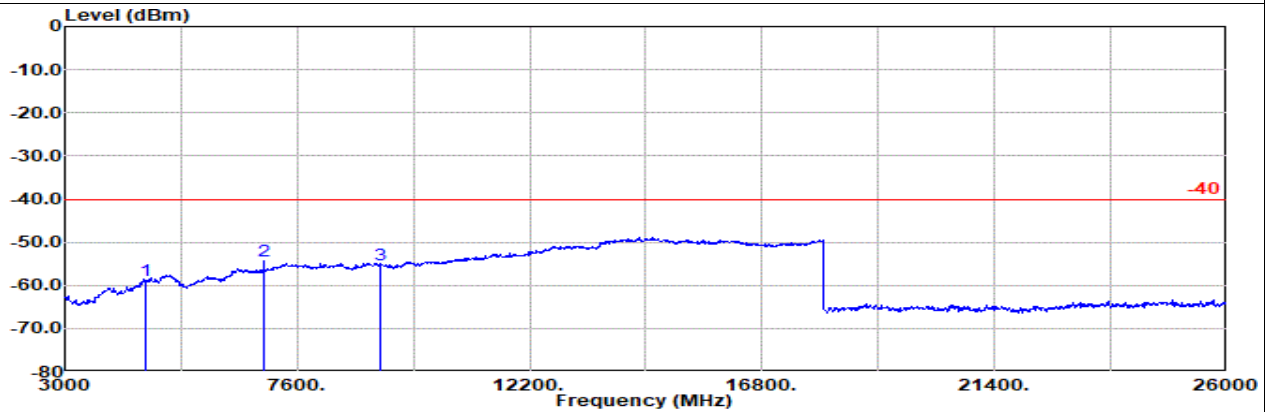
Site : 03CH21-HY

Condition: -40 1m BBHA9170_1223_250702 Horizontal

: LTE B30 10M Ch27710 1RB0 QPSK

: NR n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB		
1	4616.00	-57.95	RMS	31.76	-22.37	2.71	-95.23	25.18	-40.00	-17.95	Horizontal		
2	6924.00	-56.19	RMS	36.05	-21.58	1.45	-95.23	23.12	-40.00	-16.19	Horizontal		
3	9231.00	-55.34	RMS	36.90	-21.81	1.57	-95.23	23.23	-40.00	-15.34	Horizontal		



Site : 03CH21-HY

Condition: -40 1m BBHA9170_1223_250702 Vertical

: LTE B30 10M Ch27710 1RB0 QPSK

: NR n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB		
1	4616.00	-58.94	RMS	31.76	-22.37	2.71	-95.23	24.19	-40.00	-18.94	Vertical		
2	6924.00	-54.40	RMS	36.05	-21.58	1.45	-95.23	24.91	-40.00	-14.40	Vertical		
3	9231.00	-55.27	RMS	36.90	-21.81	1.57	-95.23	23.30	-40.00	-15.27	Vertical		

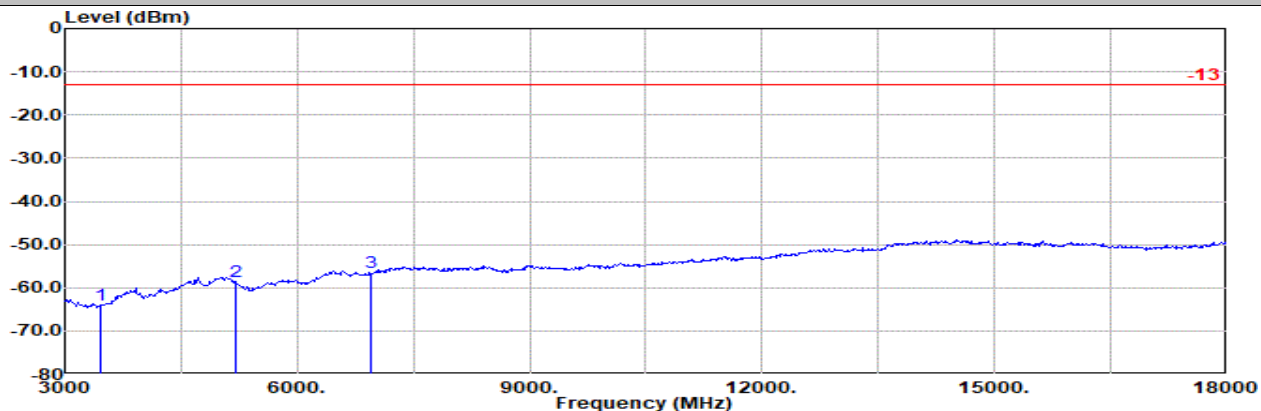


LTE Ant 5 + 5GNR Ant 8

Part 27L Mode 2

EN-DC B66+n5 Ch132322 1RB1 + Ch167300

M



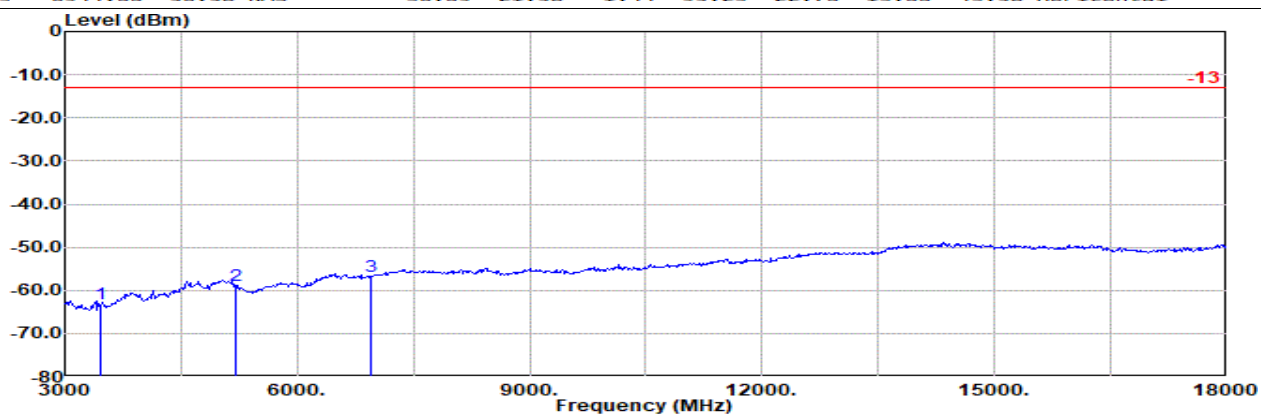
Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_250807 Horizontal

: LTE B66 20M Ch132322 1RB0 QPSK

: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dB		
1	3472.00	-63.89	RMS	28.53	-24.01	1.83	-95.23	24.99	-13.00	-50.89 Horizontal
2	5208.00	-58.70	RMS	32.48	-21.72	1.98	-95.23	23.79	-13.00	-45.70 Horizontal
3	6944.00	-56.58	RMS	36.09	-21.58	1.44	-95.23	22.70	-13.00	-43.58 Horizontal



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_250807 Vertical

: LTE B66 20M Ch132322 1RB0 QPSK

: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dB		
1	3472.00	-63.13	RMS	28.53	-24.01	1.83	-95.23	25.75	-13.00	-50.13 Vertical
2	5208.00	-58.84	RMS	32.48	-21.72	1.98	-95.23	23.65	-13.00	-45.84 Vertical
3	6944.00	-56.84	RMS	36.09	-21.58	1.44	-95.23	22.44	-13.00	-43.84 Vertical

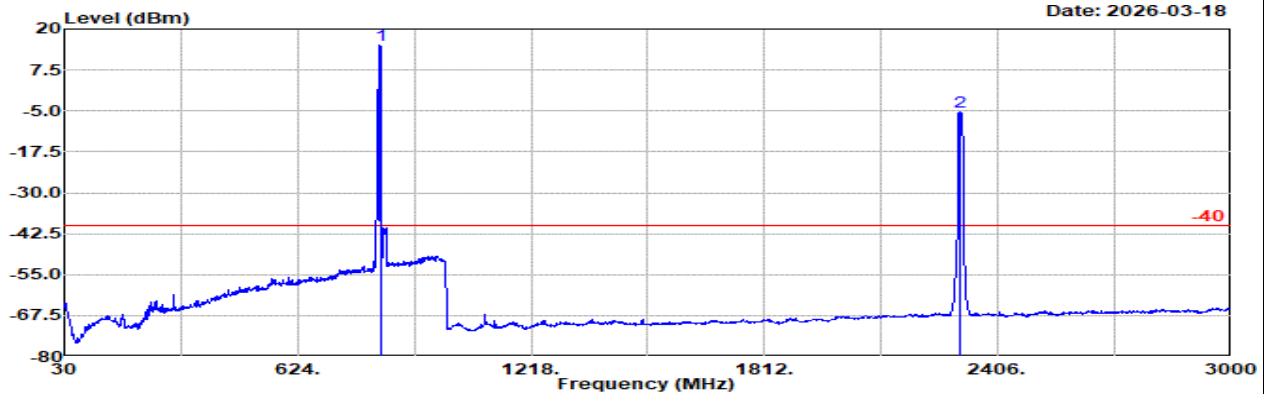


LTE Ant 5 + 5GNR Ant 8

Part 27D Mode 2

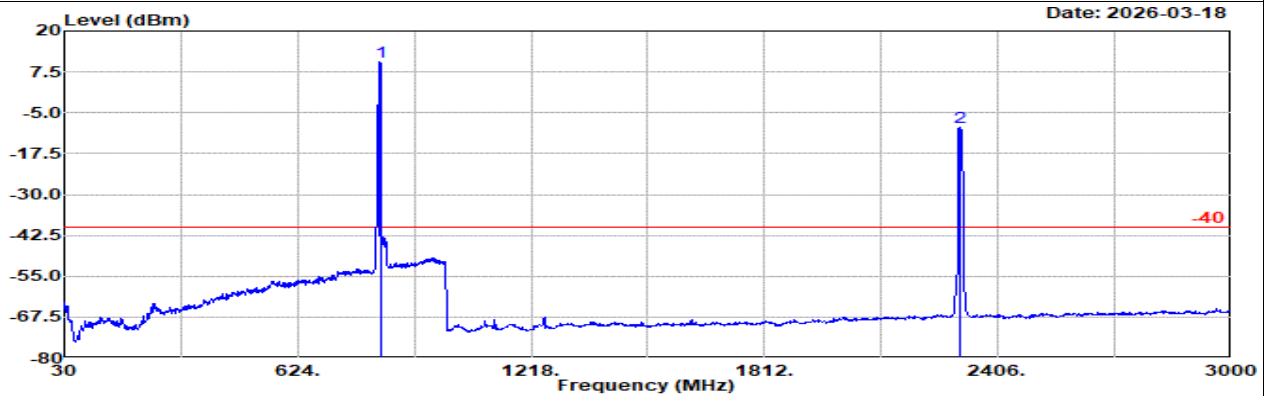
EN-DC B30+n5 Ch27710 + Ch167300

M



Site : 03CH21-HY
Condition: -40 3m LF_63303&001_251126 Horizontal
: LTE B30 10M Ch27710 1RB0 QPSK
: NR n5 20M Ch167300 1RB1 BPSK
: #1 is fundamental signal which can be ignored.
: #2 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	836.00	15.20	RMS	28.77	5.05	0.00	-95.23	76.61	-40.00	55.20	Horizontal
2	2308.00	-5.18	RMS	26.86	-24.43	0.00	-95.23	87.62	-40.00	34.82	Horizontal



Site : 03CH21-HY
Condition: -40 3m LF_63303&001_251126 Vertical
: LTE B30 10M Ch27710 1RB0 QPSK
: NR n5 20M Ch167300 1RB1 BPSK
: #1 is fundamental signal which can be ignored.
: #2 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	836.00	10.75	RMS	28.77	5.05	0.00	-95.23	72.16	-40.00	50.75	Vertical
2	2308.00	-9.57	RMS	26.86	-24.43	0.00	-95.23	83.23	-40.00	30.43	Vertical



B4-1. 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
3	EN-DC B5+n66	Part 27L	M	6909	-57.12	RMS	36.02	-21.57	1.45	-95.23	22.21	-13.00	-44.12	H	LTE Ant 5 5GNR Ant 8

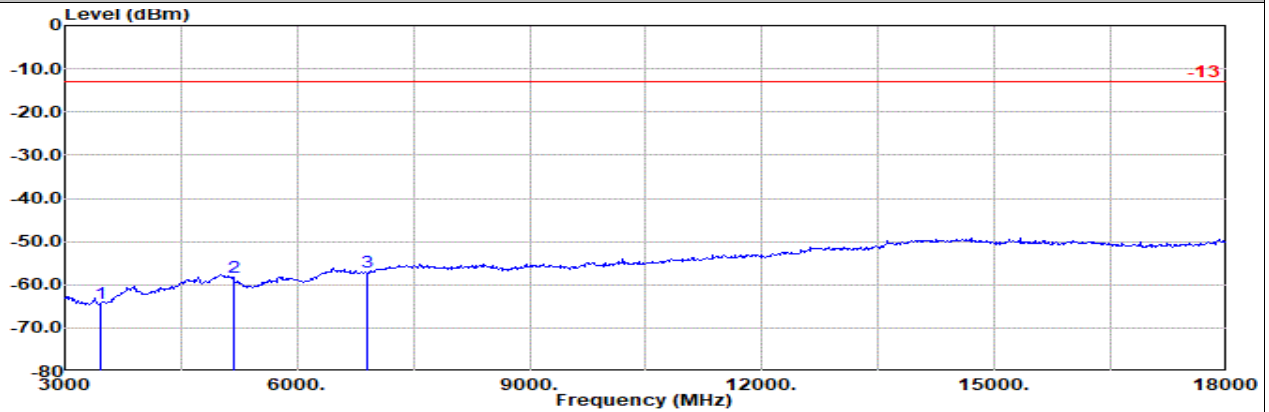


LTE Ant 5 + 5GNR Ant 8

Part 27L Mode 3

EN-DC B5+n66 Ch20525 1RB1 + Ch349000

M



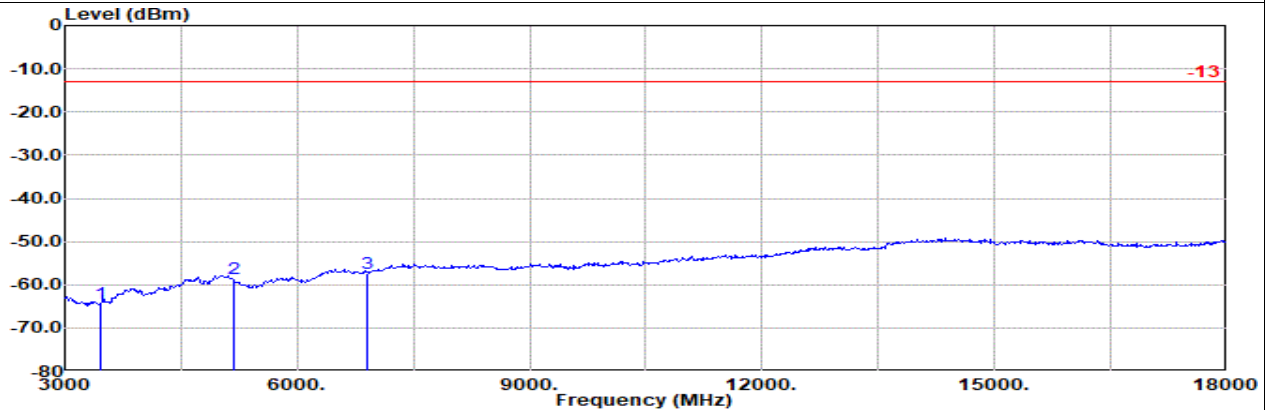
Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_250807 Horizontal

: LTE B5 10M Ch20525 1RB0 QPSK

: SA n66 40M Ch349000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	3455.00	-64.32	RMS	28.43	-23.98	1.85	-95.23	24.61	-13.00	-51.32	Horizontal
2	5182.00	-58.33	RMS	32.50	-21.71	2.02	-95.23	24.09	-13.00	-45.33	Horizontal
3	6909.00	-57.12	RMS	36.02	-21.57	1.45	-95.23	22.21	-13.00	-44.12	Horizontal



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_250807 Vertical

: LTE B5 10M Ch20525 1RB0 QPSK

: SA n66 40M Ch349000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	3455.00	-64.33	RMS	28.43	-23.98	1.85	-95.23	24.60	-13.00	-51.33	Vertical
2	5182.00	-58.51	RMS	32.50	-21.71	2.02	-95.23	23.91	-13.00	-45.51	Vertical
3	6909.00	-57.30	RMS	36.02	-21.57	1.45	-95.23	22.03	-13.00	-44.30	Vertical

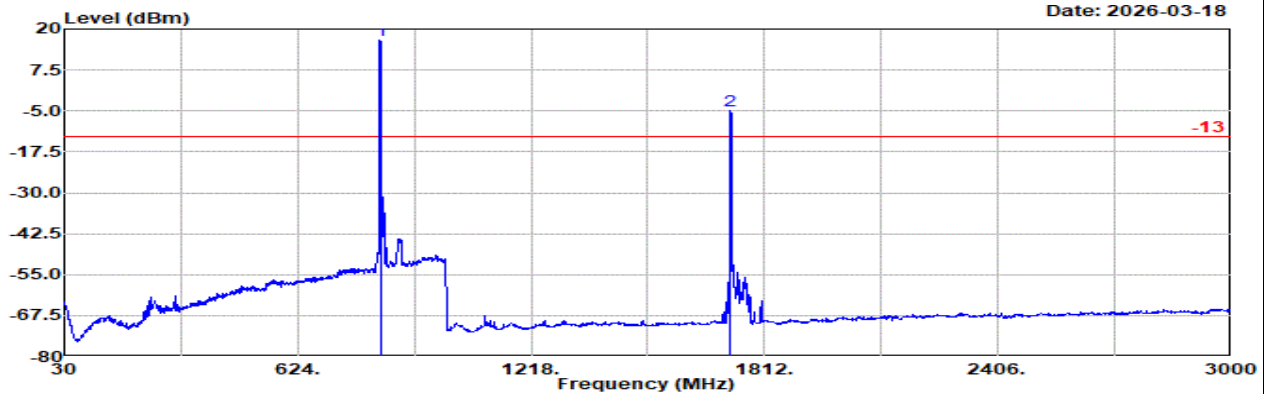


LTE Ant 5 + 5GNR Ant 8

Part 27L Mode 3

EN-DC B5+n66 Ch20525 + Ch349000

M



Site : 03CH21-HY

Condition: -13 3m LF_63303&001_251126 Horizontal

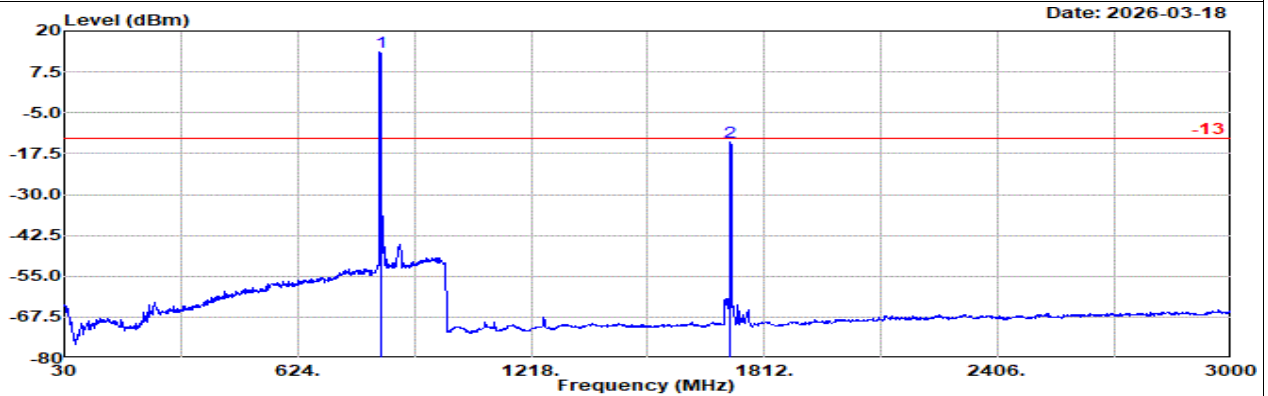
: LTE B5 10M Ch20525 1RB0 QPSK

: SA n66 40M Ch349000 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

: #2 is fundamental signal which can be ignored.

	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	836.00	16.57	RMS		28.77	5.05	0.00	-95.23	77.98	-13.00	29.57 Horizontal
2	1726.00	-5.00	RMS		24.84	-25.07	0.00	-95.23	90.46	-13.00	8.00 Horizontal



Site : 03CH21-HY

Condition: -13 3m LF_63303&001_251126 Vertical

: LTE B5 10M Ch20525 1RB0 QPSK

: SA n66 40M Ch349000 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

: #2 is fundamental signal which can be ignored.

	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	836.00	13.51	RMS		28.77	5.05	0.00	-95.23	74.92	-13.00	26.51 Vertical
2	1726.00	-13.89	RMS		24.84	-25.07	0.00	-95.23	81.57	-13.00	-0.89 Vertical



Test Engineer :	Bigshow Wang	Temperature :	21.3 ~ 21.5°C
		Relative Humidity :	53.0 ~ 55.0%

B5-1. 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	NR SA n41	Part 27M	M	7632	-50.64	RMS	36.33	-44.32	0.32	-95.23	52.26	-25.00	-25.64	V	Ant 5
1	NR SA n77	Part 27Q	M	6907	-44.29	RMS	35.90	-44.35	1.08	-95.23	58.31	-13.00	-31.29	V	Ant 5

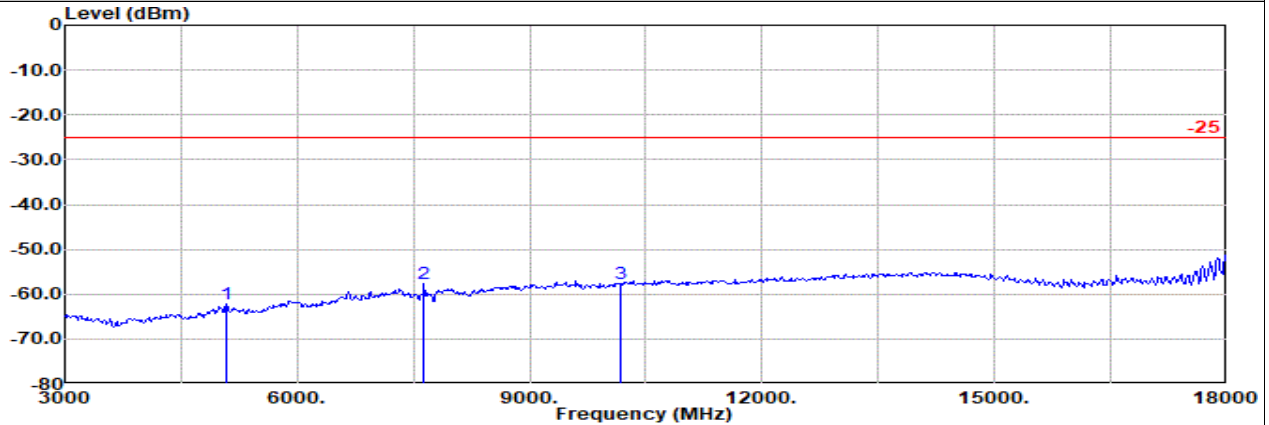


Ant 5

Part 27M Mode 1

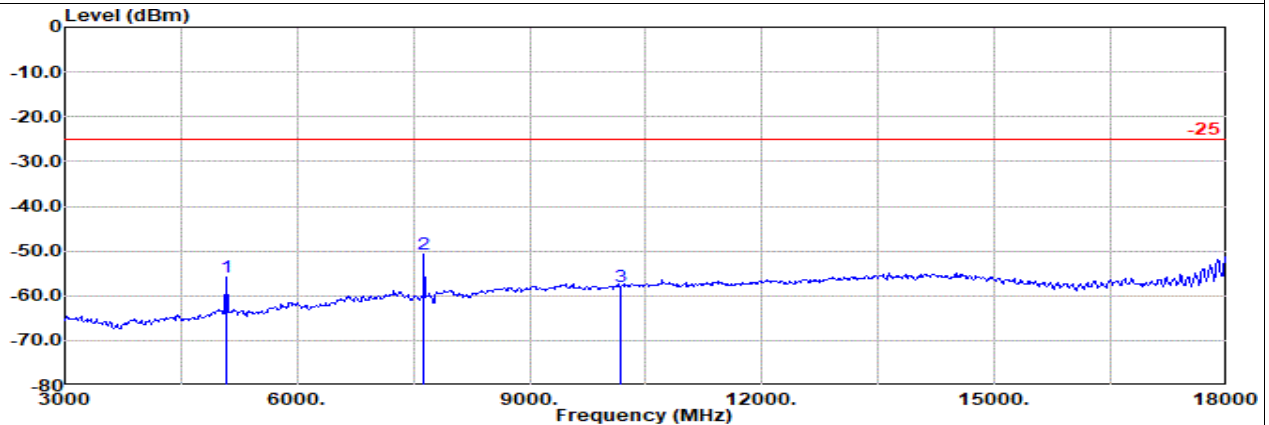
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH15-HY
Condition: -25 3m 9120D-02294_250606 Horizontal
: SA n41 100M Ch518598 1RB1 BPSK

	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	5085.00	-62.15	RMS	33.03	-46.23	0.49	-95.23	45.79	-25.00	-37.15	Horizontal			
2	7635.00	-57.74	RMS	36.34	-44.32	0.32	-95.23	45.15	-25.00	-32.74	Horizontal			
3	10177.00	-57.76	RMS	38.73	-40.82	0.43	-95.23	39.13	-25.00	-32.76	Horizontal			



Site : 03CH15-HY
Condition: -25 3m 9120D-02294_250606 Vertical
: SA n41 100M Ch518598 1RB1 BPSK

	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	5088.00	-55.97	RMS	33.02	-46.23	0.49	-95.23	51.98	-25.00	-30.97	Vertical			
2	7632.00	-50.64	RMS	36.33	-44.32	0.32	-95.23	52.26	-25.00	-25.64	Vertical			
3	10177.00	-57.84	RMS	38.73	-40.82	0.43	-95.23	39.05	-25.00	-32.84	Vertical			

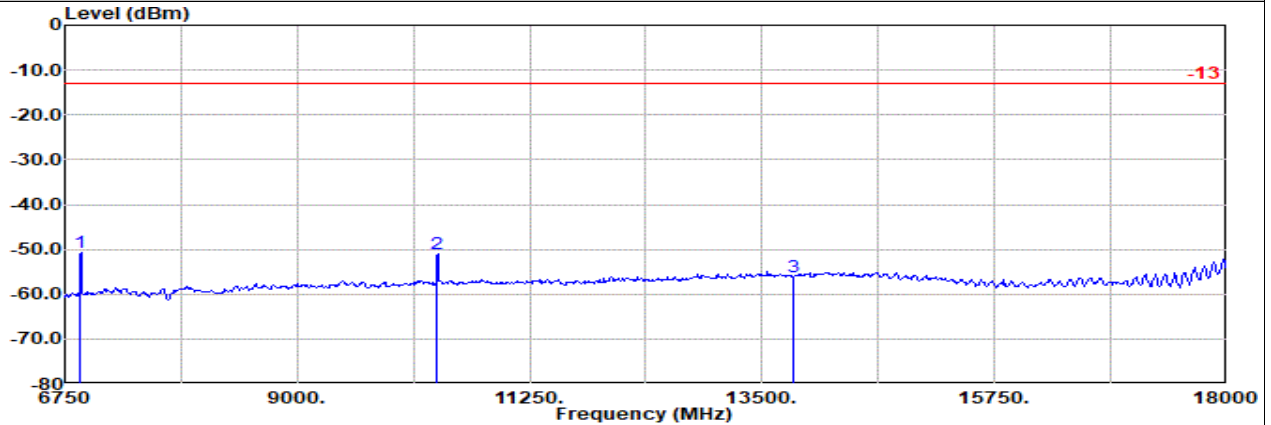


Ant 5

Part 27Q Mode 1

NR SA n77 100M Ch633334 1RB1 BPSK

M

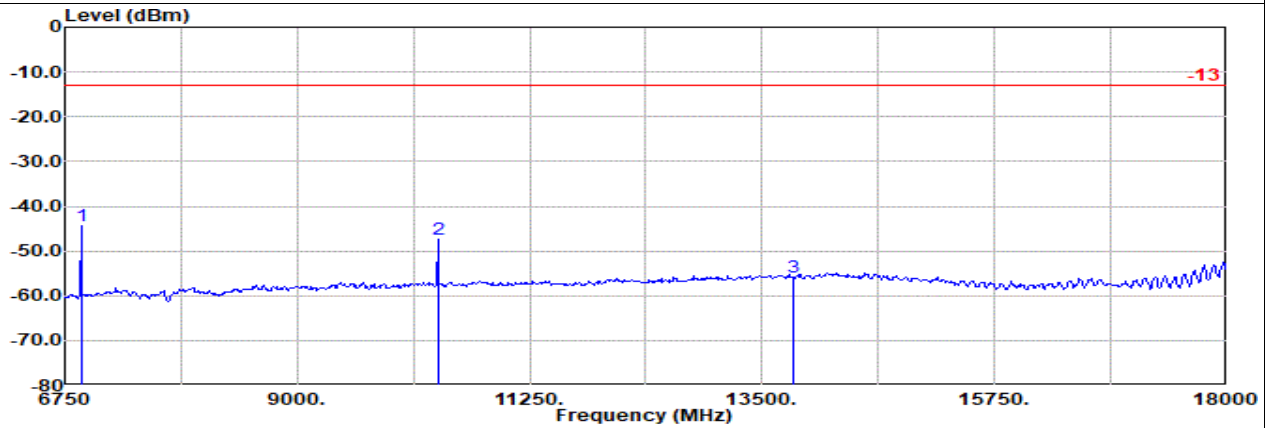


Site : 03CH15-HY

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

: SA n77 100M Ch633334 1RB1 BPSK

	Freq Level		Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	l	dB		dB	g		
1	6902.00	-50.64	RMS	35.90	-44.36	1.08	-95.23	51.97	-13.00	-37.64	Horizontal
2	10353.00	-51.03	RMS	38.60	-40.61	0.72	-95.23	45.49	-13.00	-38.03	Horizontal
3	13805.00	-56.04	RMS	39.92	-36.41	0.55	-95.23	35.13	-13.00	-43.04	Horizontal



Site : 03CH15-HY

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

: SA n77 100M Ch633334 1RB1 BPSK

	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	6907.50	-44.29	RMS	35.90	-44.35	1.08	-95.23	58.31	-13.00	-31.29	Vertical
2	10361.25	-47.51	RMS	38.60	-40.60	0.72	-95.23	49.00	-13.00	-34.51	Vertical
3	13805.00	-55.95	RMS	39.92	-36.41	0.55	-95.23	35.22	-13.00	-42.95	Vertical