



FCC RADIO TEST REPORT

FCC ID : IHDT56AX2
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2625-11
Applicant : Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA
Manufacturer : Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(S)

The product was received on Jul. 01, 2026 and testing was performed from Jul. 03, 2026 to Jul. 21, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this variant 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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Appendix A. Test Results of Conducted Test

Appendix B. Test Results of Radiated Test



History of this test report

Report No.	Version	Description	Issue Date
FG610603-18C	01	Initial issue of report	Sep. 14, 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 (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17)		
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
-	§24.232 (d) §27.50 (d)(5) §27.50 (k)(4)	Peak-to-Average Ratio	Pass	-
-	§2.1049	Occupied Bandwidth	Not Required	-
-	§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)	Not Required	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §90.691	Emission masks (Band 26)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (Band 42)		
-	§2.1051 §90.691	Emission masks (Band 26)	Not Required	-
-	§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)	Not Required	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (Band 42)		
-	§2.1055 §22.355 §24.235 §27.54 §90.213	Frequency Stability Temperature & Voltage	Not Required	-

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 5) (Band 13) (Band 66)	Pass	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 41)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		

Note: This is a variant report. The change note could be referred to the Product Equality Declaration which is exhibit separately. According to the change, only the related test cases were verified from original report FG610618-02D/F .

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Yuri Huang



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE/5G NR WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE GNSS/NFC/FM
Antenna Type	WWAN : Loop & IFA Antenna WLAN : IFA Antenna Bluetooth : IFA Antenna GNSS: IFA Antenna NFC: Coil Antenna FM : External Earphone Antenna

Support band and evaluated information	
Supported band	B2,B4,B5,B7,B12,B13,B17,B25,B26,B38,B41,B42,B66,B2C,B7C,B42C,B66C,5B
Evaluated and Tested band	B2,B4,B5,B7,B12,B13,B17,B25,B26,B38,B41,B42,B66,B2C,B7C,B42C,B66C,5B

EUT Information List	
IMEI	Performed Test Item
357532780015534	Radiated Spurious Emission

Specification of Accessory				
AC Adapter 1 US	Brand Name	Motorola(AOHAI)	Model Name	MC-101
AC Adapter 2 US	Brand Name	Motorola(Chenyang)	Model Name	MC-101
Battery 1	Brand Name	Motorola(SUNWODA)	Model Name	SS52
USB Cable 1	Brand Name	Motorola(naiyi)	Model Name	1.1.0502
USB Cable 2	Brand Name	Motorola(saibao)	Model Name	SC18E52847
USB Cable 3	Brand Name	Motorola(juwei)	Model Name	SC18D38574

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.
	03CH16-HY
Test Engineer	Jerry Lan 、 Gary Guo 、 Steven Wu
Temperature (°C)	19.1~22.3
Relative Humidity (%)	62.5~68.3

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

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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

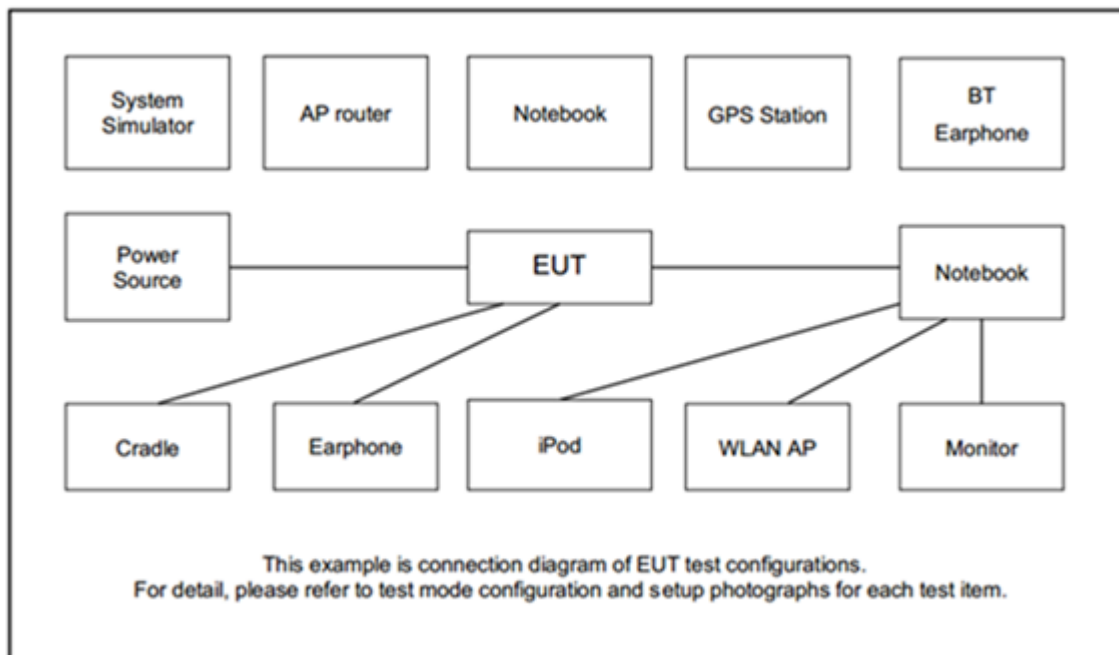
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

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

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. One representative bandwidth is selected to perform PAR and frequency stability.

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	8821C	N/A	N/A	N/A
2.	Earphone	UGREEN	N/A	N/A	N/A	1.5M



2.4 Frequency List of Low/Middle/High Channels

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

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

LTE Band 42 Channel and Frequency List (Part27Q)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43065
	Frequency	3452.5	3500	3547.5

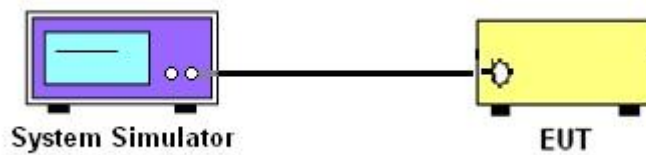
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

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

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

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

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

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

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

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.

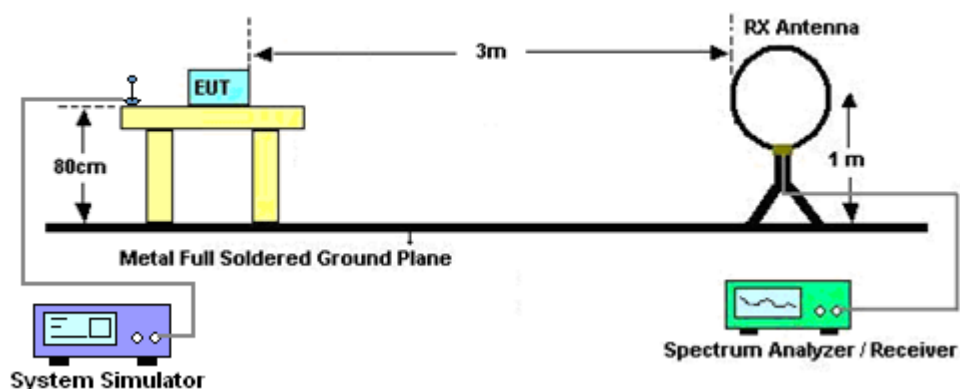
4 Radiated Test Items

4.1 Measuring Instruments

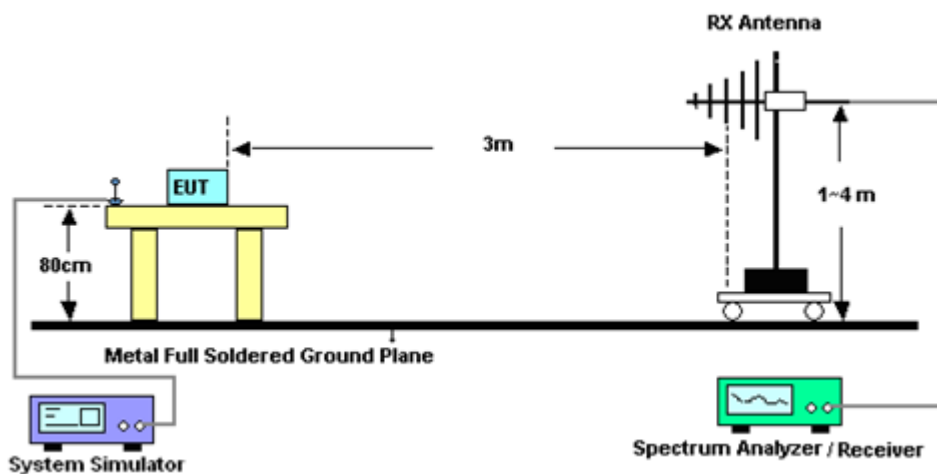
See list of measuring instruments of this test report.

4.1.1 Test Setup

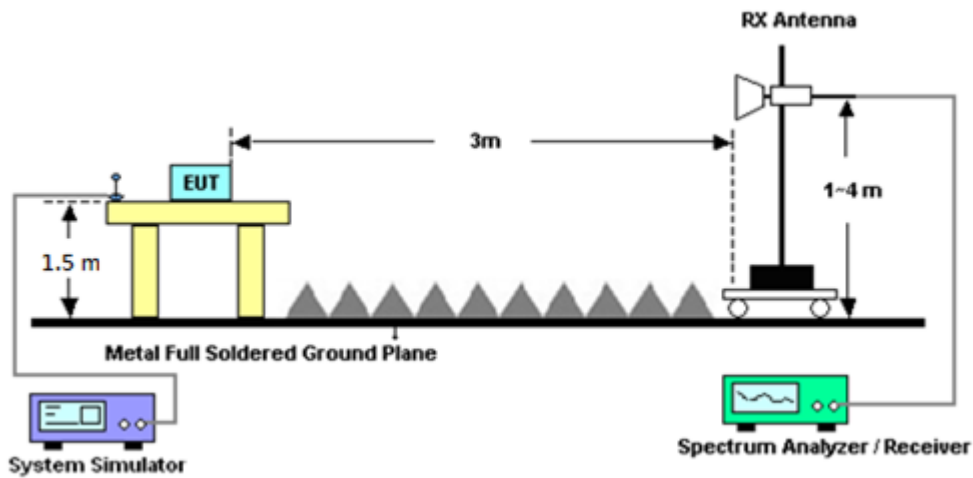
For radiated test below 30MHz



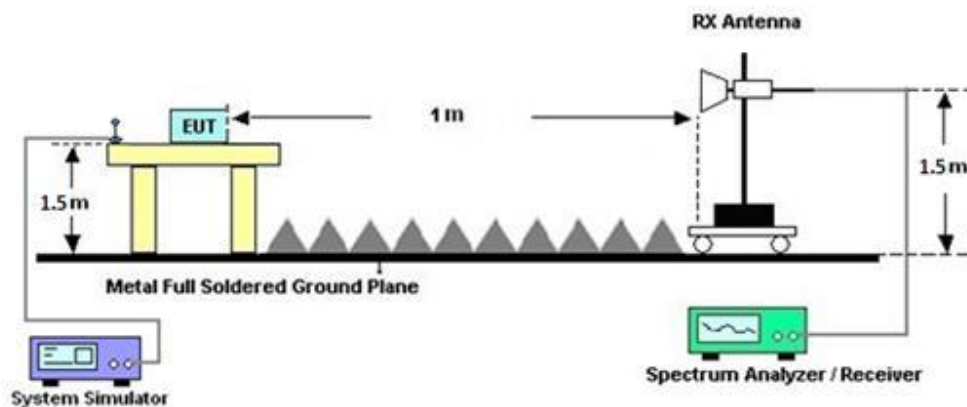
For radiated test from 30MHz to 1GHz



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 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.

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



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	ReMark
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9kHz~30MHz	Dec. 11, 2025	Jul. 03, 2026~ Jul. 21, 2026	Dec. 10, 2026	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	1230	18GHz~40GHz	Nov. 05, 2026	Jul. 03, 2026~ Jul. 21, 2026	Nov. 04, 2026	Radiation (03CH16-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241055	10Hz~44GHz	Nov. 18, 2025	Jul. 03, 2026~ Jul. 21, 2026	Nov. 17, 2026	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Nov. 26, 2025	Jul. 03, 2026~ Jul. 21, 2026	Nov. 25, 2026	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-0 6	47020 & 06	30MHz to 1GHz	Oct. 04, 2025	Jul. 03, 2026~ Jul. 21, 2026	Oct. 03, 2026	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1522	1GHz~18GHz	Mar. 26, 2026	Jul. 03, 2026~ Jul. 21, 2026	Mar. 25, 2027	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jun. 29, 2026	Jul. 03, 2026~ Jul. 21, 2026	Jun. 28, 2027	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Sep. 12, 2025	Jul. 03, 2026~ Jul. 21, 2026	Sep. 11, 2026	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 22, 2025	Jul. 03, 2026~ Jul. 21, 2026	Dec. 21, 2026	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun 08, 2026	Jul. 03, 2026~ Jul. 21, 2026	Jun 07, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-153 0-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 13, 2026	Jul. 03, 2026~ Jul. 21, 2026	Jan. 12, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-3 000-18000-60ST	SN3	3GHz High Pass Filter	Jun. 25, 2026	Jul. 03, 2026~ Jul. 21, 2026	Jun. 24, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5- 6750-18000-40S T	SN27	6.75GHz High Pass Filter	Dec. 22, 2025	Jul. 03, 2026~ Jul. 21, 2026	Dec. 21, 2026	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	May 13, 2026	Jul. 03, 2026~ Jul. 21, 2026	May 12, 2027	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-57 57,805935/4,8 02434/4	30MHz~18GHz	Aug. 06, 2025	Jul. 03, 2026~ Jul. 21, 2026	Aug. 05, 2026	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8040 12/2	18-40GHz	Dec. 18, 2025	Jul. 03, 2026~ Jul. 21, 2026	Dec. 17, 2026	Radiation (03CH16-HY)
Software	Audix	E3 230621 V9	RK-002393	N/A	N/A	Jul. 03, 2026~ Jul. 21, 2026	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jul. 03, 2026~ Jul. 21, 2026	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jul. 03, 2026~ Jul. 21, 2026	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jul. 03, 2026~ Jul. 21, 2026	N/A	Radiation (03CH16-HY)



6 Measurement Uncertainty

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.60 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.60 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.20 dB
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5B						IC Limit(W):	11.5	
						FCC Limit(W):	7	
Combination 10MHz+10MHz (50RB+50RB)								
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)	EIRP(W)
		RB Size	RB offset	RB Size	RB offset			
L	QPSK	1	Max	1	0	21.94	0.0446	0.0731
M	QPSK	1	Max	1	0	22.04	0.0456	0.0748
H	QPSK	1	Max	1	0	22.02	0.0454	0.0745
L	16QAM	1	Max	1	0	21.89	0.0441	0.0723
M	16QAM	1	Max	1	0	21.57	0.0409	0.0671
H	16QAM	1	Max	1	0	21.42	0.0395	0.0649
L	64QAM	1	Max	1	0	19.45	0.0251	0.0412
M	64QAM	1	Max	1	0	19.46	0.0252	0.0413
H	64QAM	1	Max	1	0	19.49	0.0254	0.0416
L	256QAM	1	Max	1	0	17.36	0.0155	0.0255
M	256QAM	1	Max	1	0	17.31	0.0153	0.0252
H	256QAM	1	Max	1	0	17.34	0.0155	0.0254
Combination 10MHz+5MHz (50RB+25RB)								
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)	EIRP(W)
		RB Size	RB offset	RB Size	RB offset			
M	QPSK	1	Max	1	0	21.92	0.0444	0.0728
L	16QAM	1	Max	1	0	21.53	0.0406	0.0665
Combination 5MHz+10MHz (25RB+50RB)								
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)	EIRP(W)
		RB Size	RB offset	RB Size	RB offset			
M	QPSK	1	Max	1	0	21.98	0.0450	0.0738
L	16QAM	1	Max	1	0	21.47	0.0400	0.0656
Combination 5MHz+3MHz (25RB+15RB)								
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)	EIRP(W)
		RB Size	RB offset	RB Size	RB offset			
M	QPSK	1	Max	1	0	21.93	0.0445	0.0729
L	16QAM	1	Max	1	0	21.86	0.0438	0.0718
Combination 3MHz+5MHz (15RB+25RB)								
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)	EIRP(W)
		RB Size	RB offset	RB Size	RB offset			
M	QPSK	1	Max	1	0	21.93	0.0445	0.0729
L	16QAM	1	Max	1	0	21.88	0.0440	0.0721

**LTE Band 5B****26dB Bandwidth**

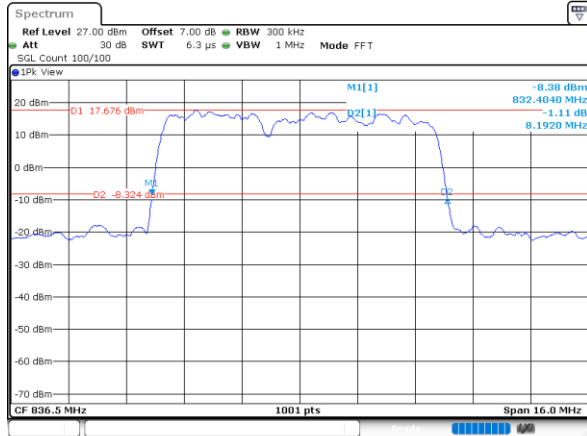
Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.19	8.16	14.70
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.76	19.80	-
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.17	8.14	14.73
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.61	19.72	-



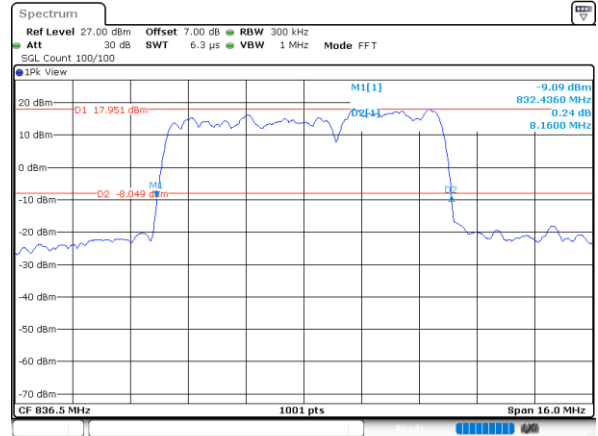
LTE Band 5B

QPSK

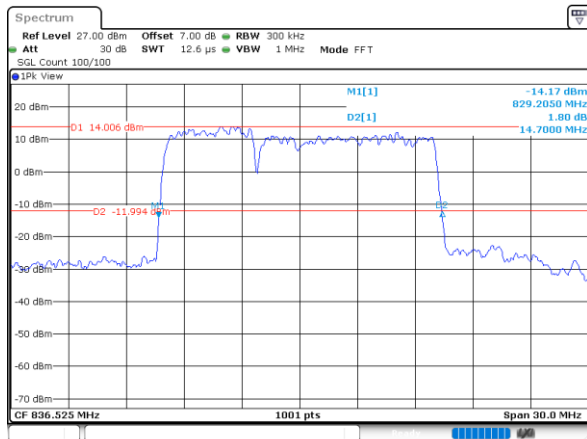
Middle Channel / 3MHz+5MHz



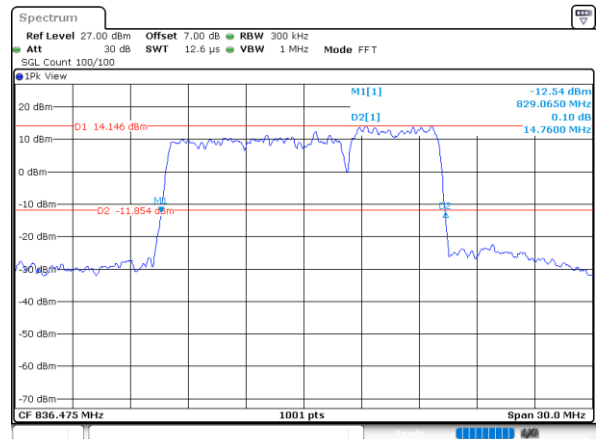
Middle Channel / 5MHz+3MHz



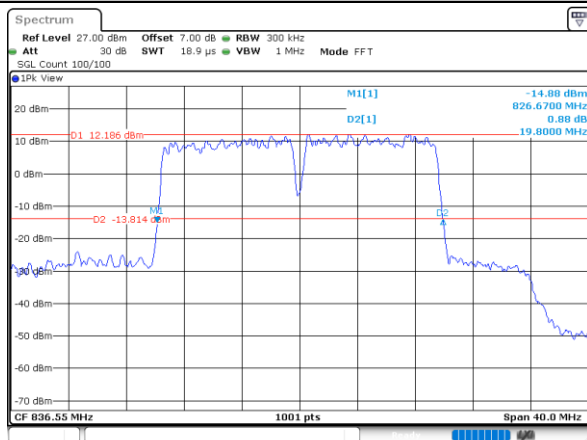
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



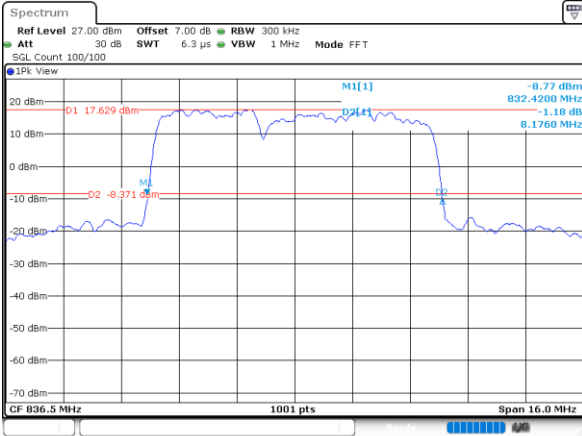
N/A



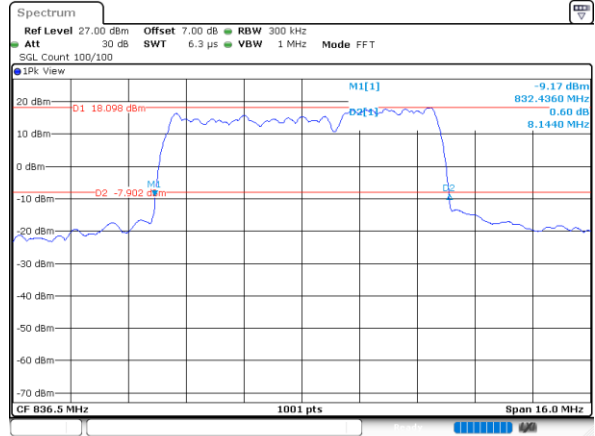
LTE Band 5B

16QAM

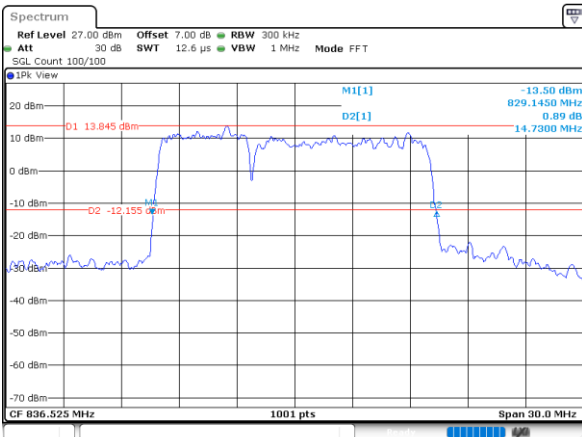
Middle Channel / 3MHz+5MHz



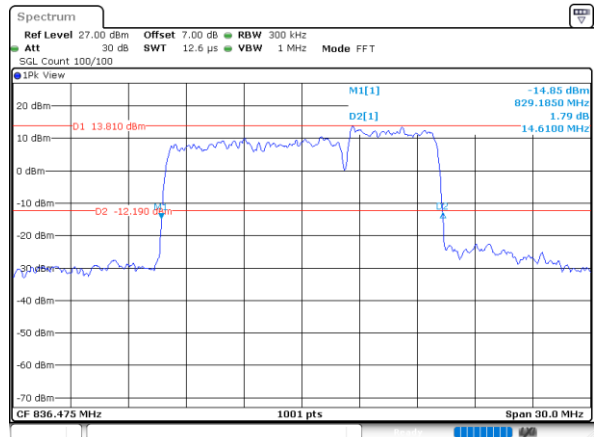
Middle Channel / 5MHz+3MHz



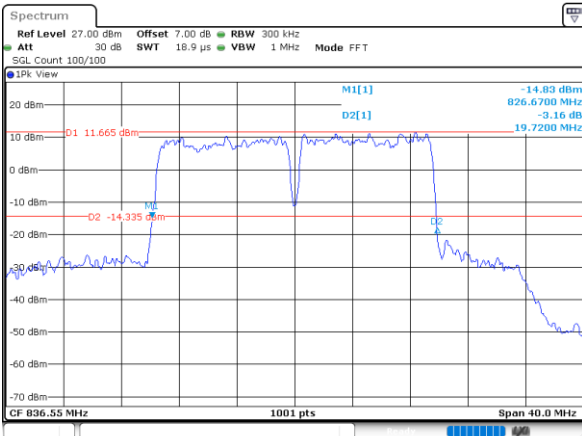
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

**Occupied Bandwidth**

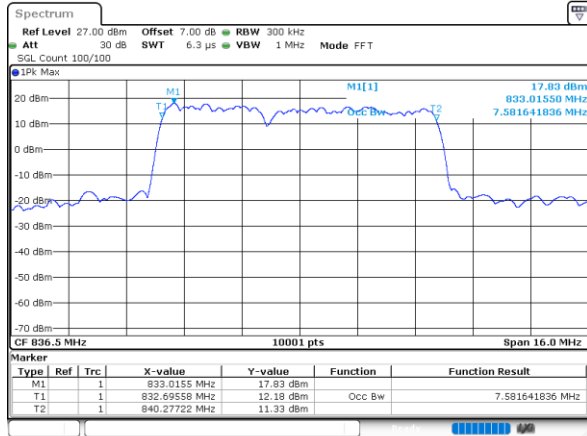
Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.58	7.58	13.89
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.80	-
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.53	7.54	13.89
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.93	18.76	-



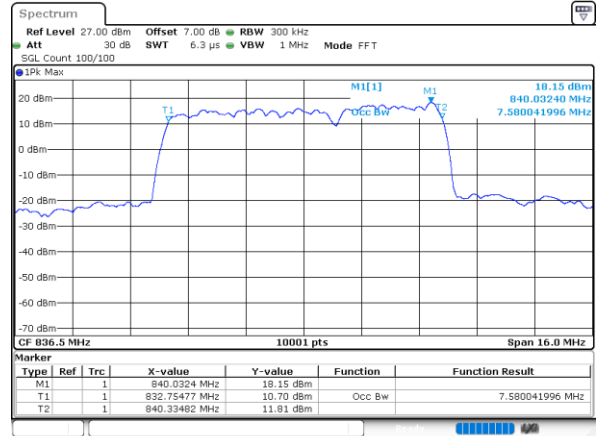
LTE Band 5B

QPSK

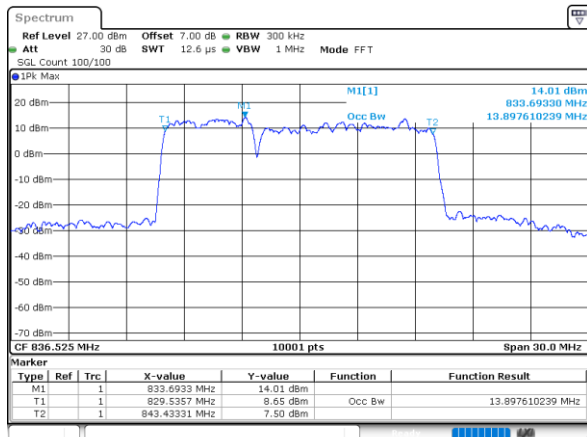
Middle Channel / 3MHz+5MHz



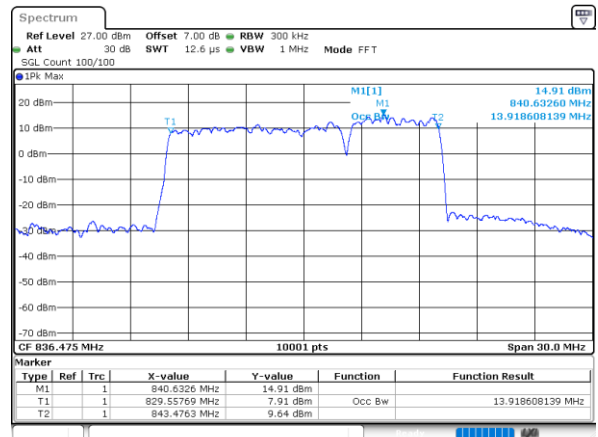
Middle Channel / 5MHz+3MHz



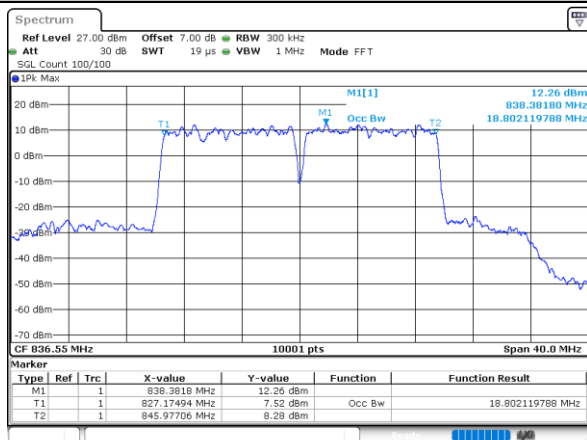
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



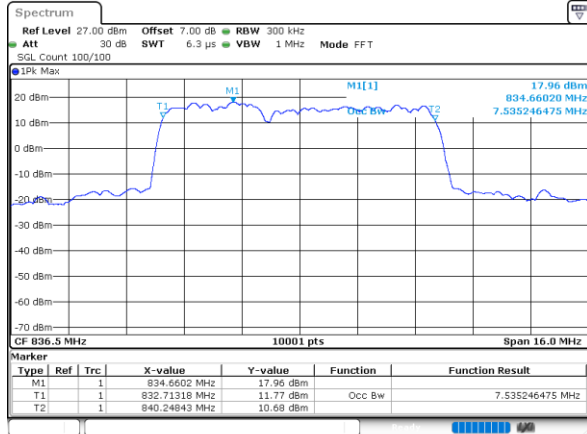
N/A



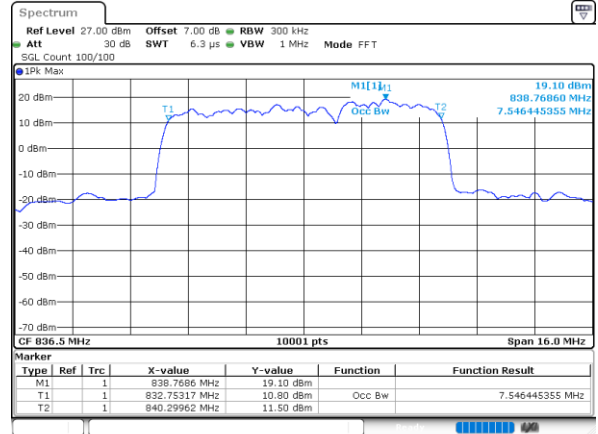
LTE Band 5B

16QAM

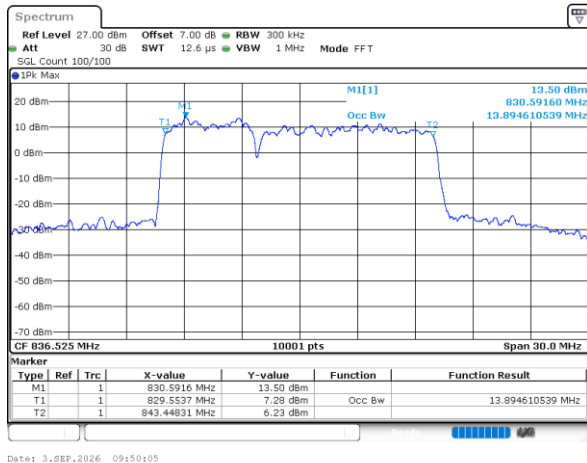
Middle Channel / 3MHz+5MHz



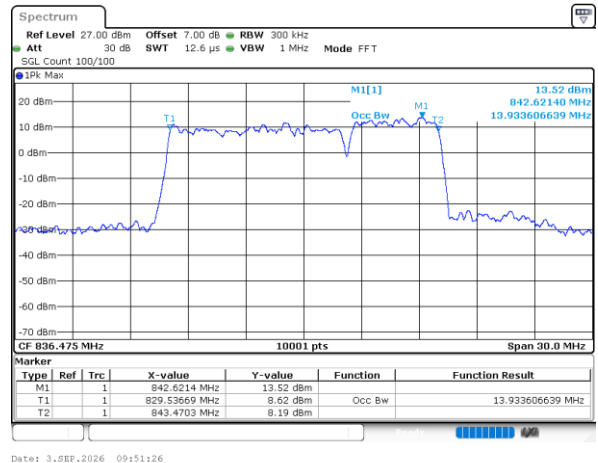
Middle Channel / 5MHz+3MHz



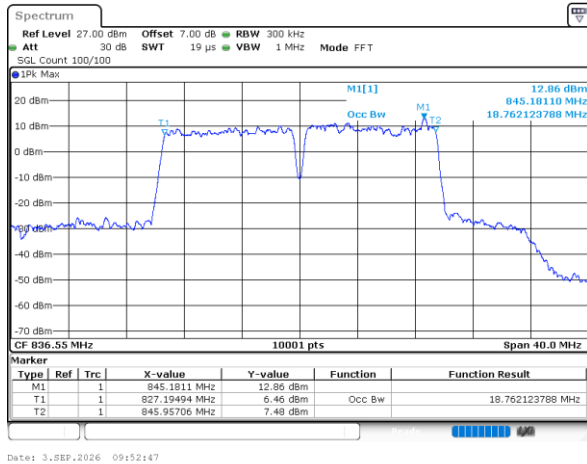
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

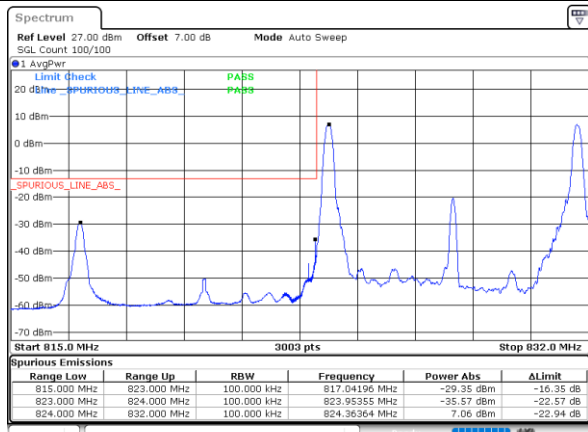


Conducted Band Edge

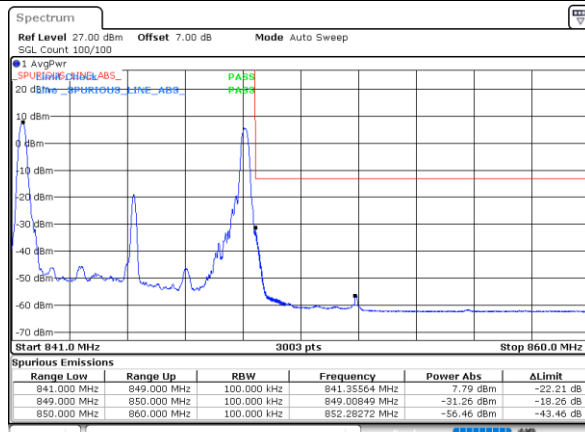
LTE Band 5B / 3MHz+5MHz

QPSK

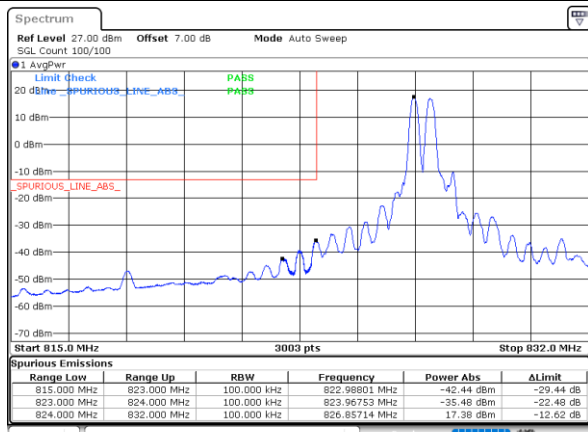
Lowest Band Edge / 1RB0 and 1RB24



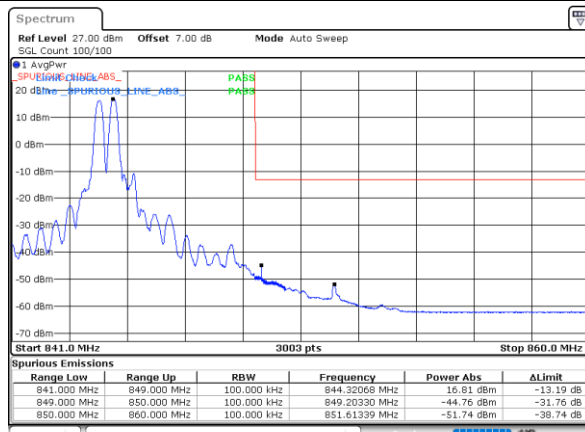
Highest Band Edge / 1RB0 and 1RB24



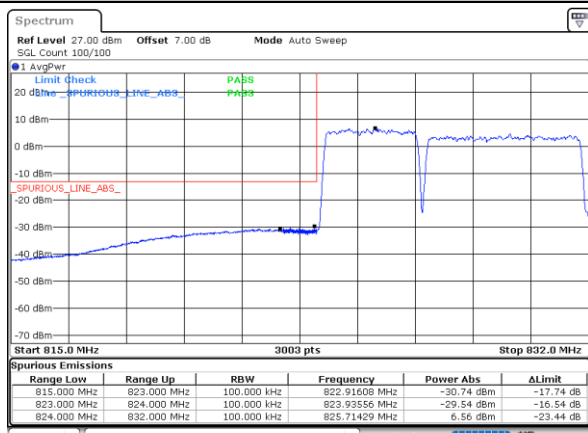
Lowest Band Edge / 1RB14 and 1RB0



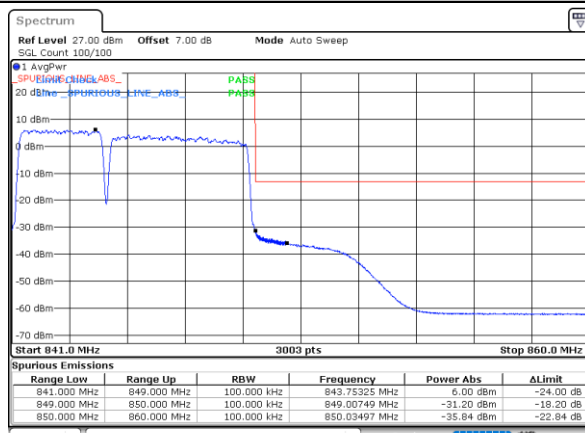
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

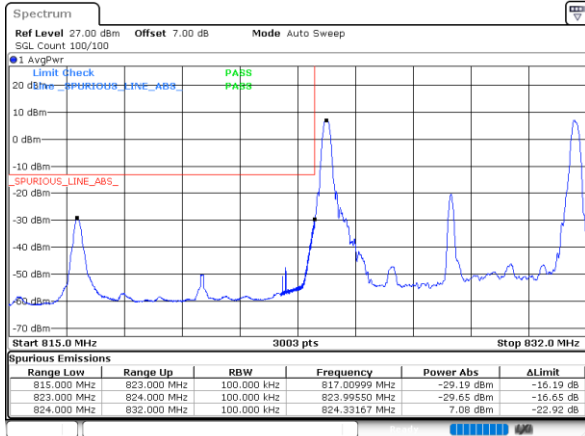




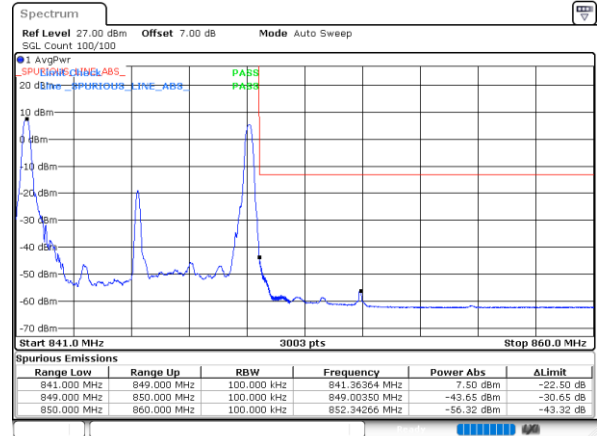
LTE Band 5B / 5MHz+3MHz

QPSK

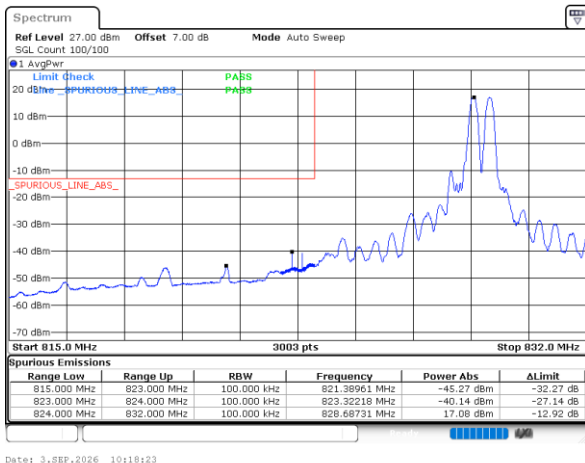
Lowest Band Edge / 1RB0 and 1RB14



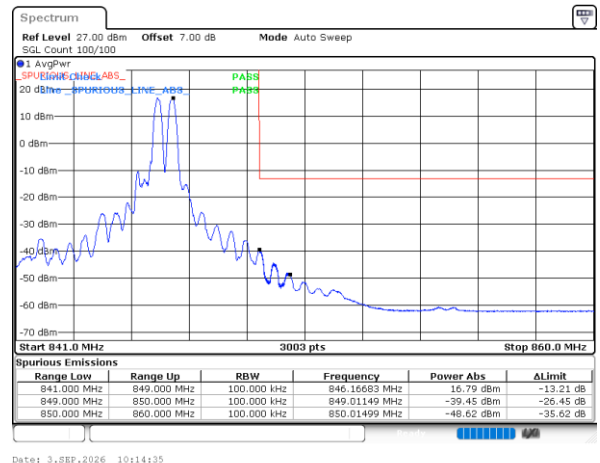
Highest Band Edge / 1RB0 and 1RB14



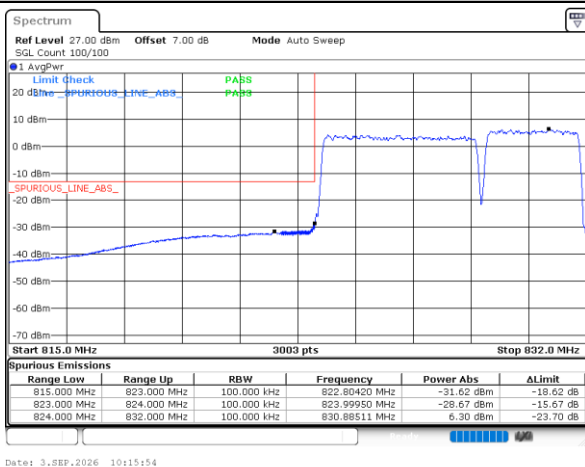
Lowest Band Edge / 1RB24 and 1RB0



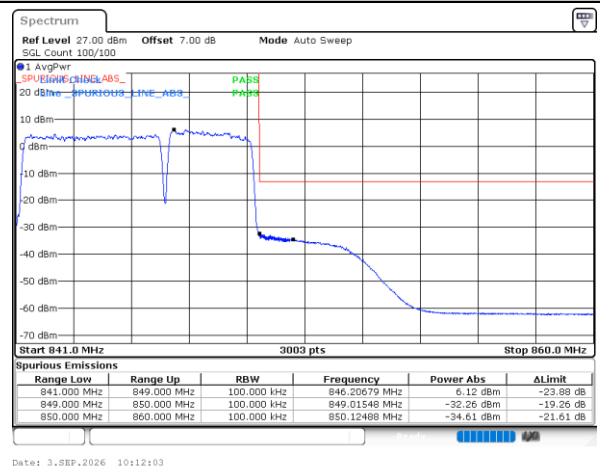
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

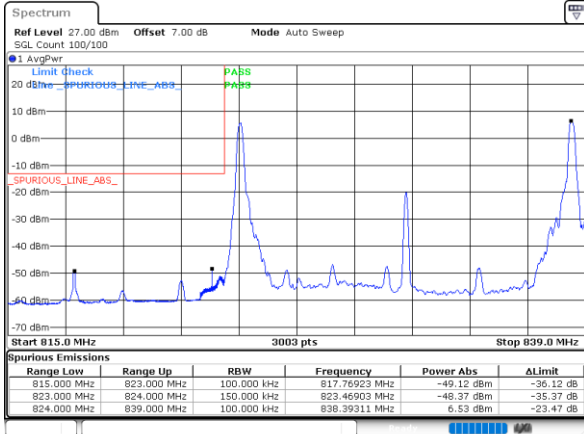




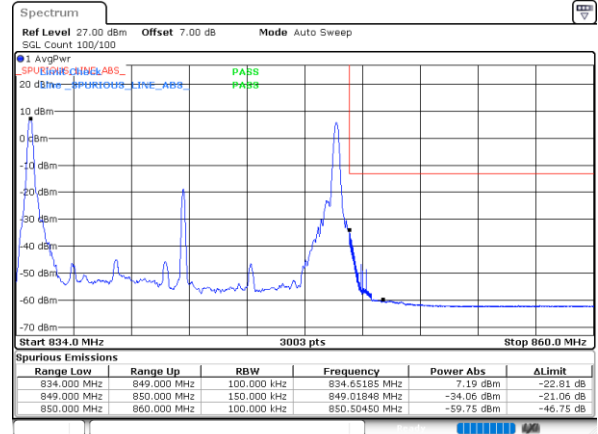
LTE Band 5B / 5MHz+10MHz

QPSK

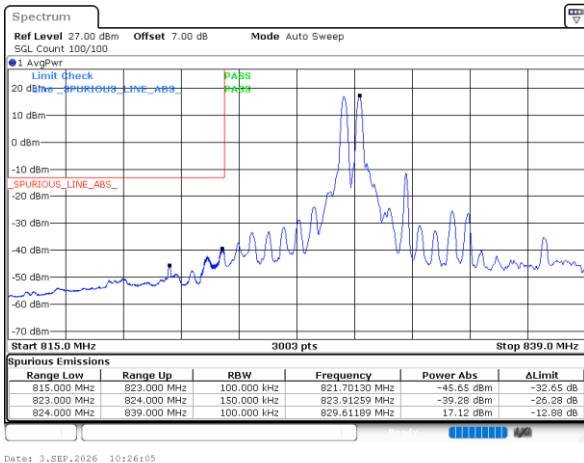
Lowest Band Edge / 1RB0 and 1RB49



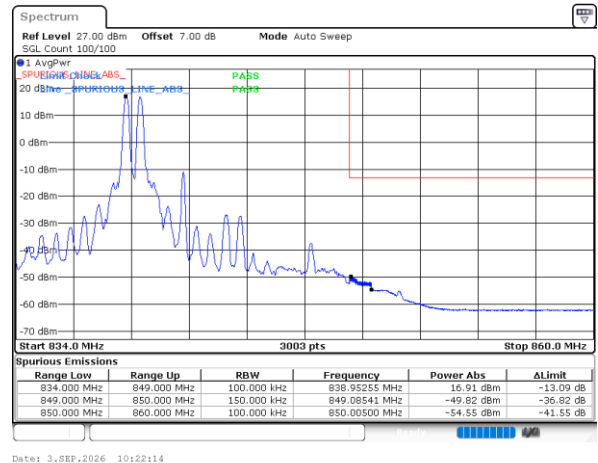
Highest Band Edge / 1RB0 and 1RB49



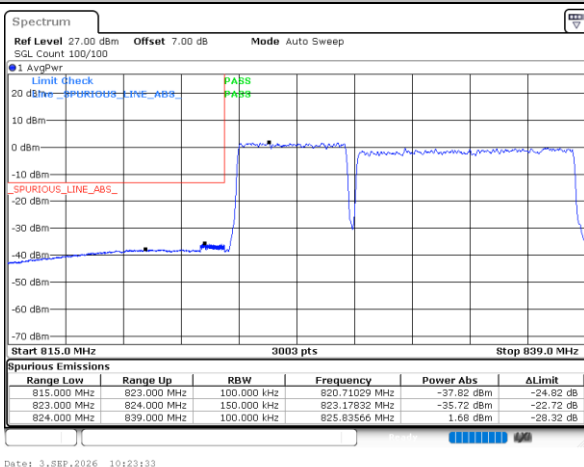
Lowest Band Edge / 1RB24 and 1RB0



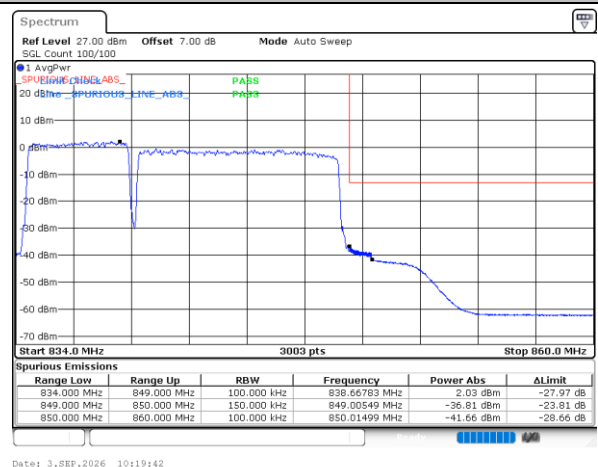
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

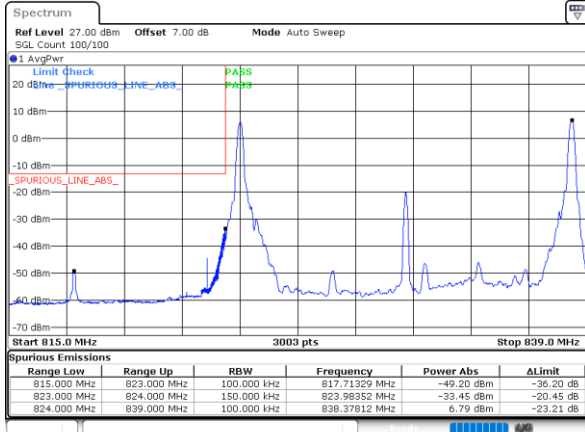




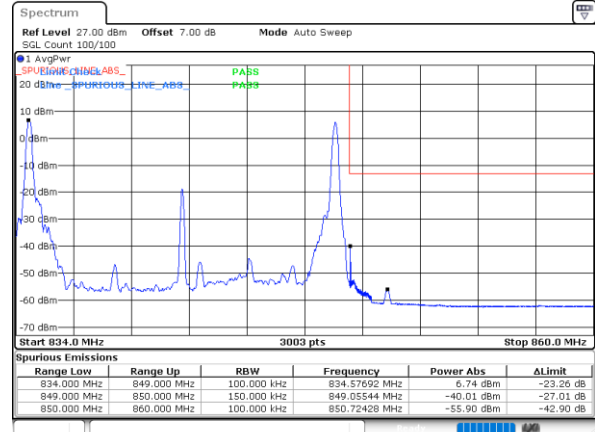
LTE Band 5B / 10MHz+5MHz

QPSK

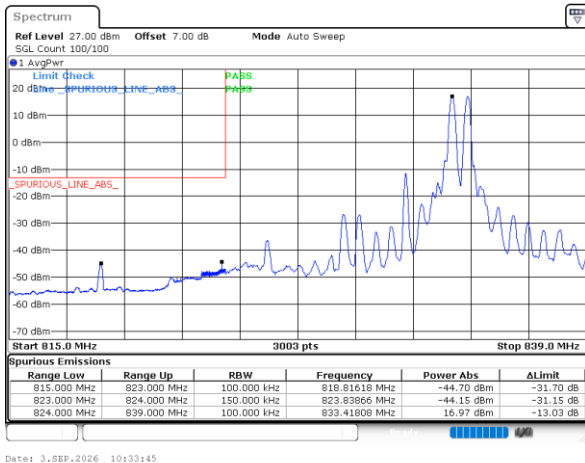
Lowest Band Edge / 1RB0 and 1RB24



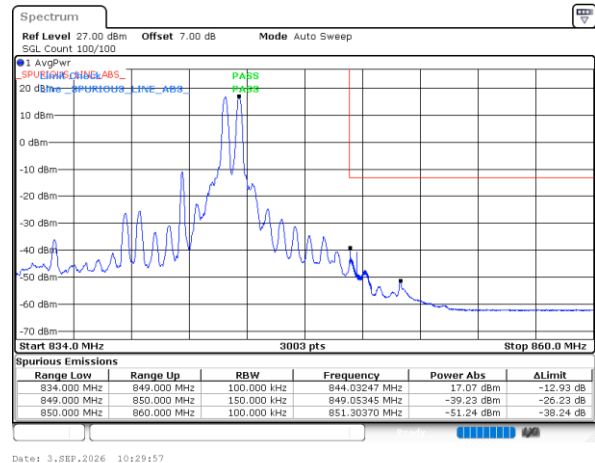
Highest Band Edge / 1RB0 and 1RB24



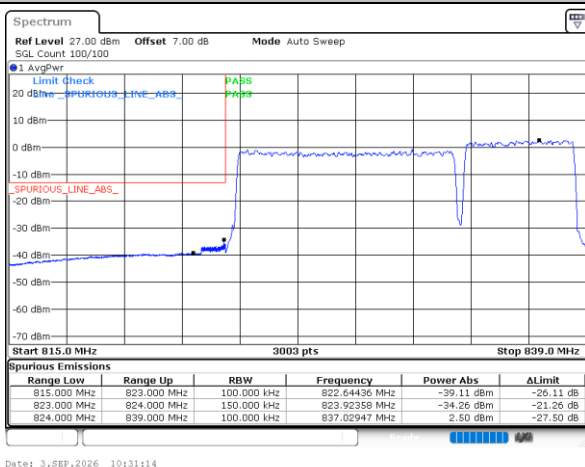
Lowest Band Edge / 1RB49 and 1RB0



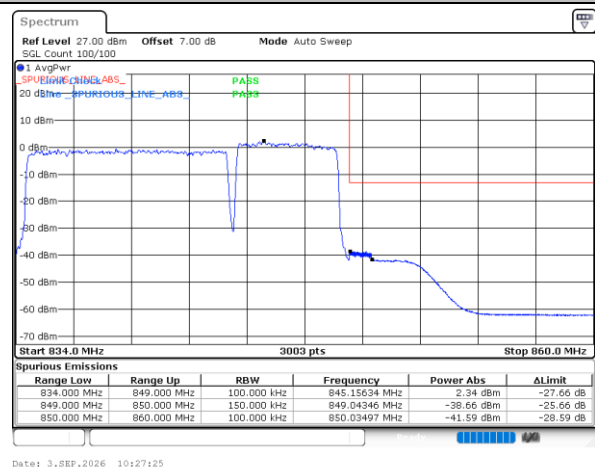
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

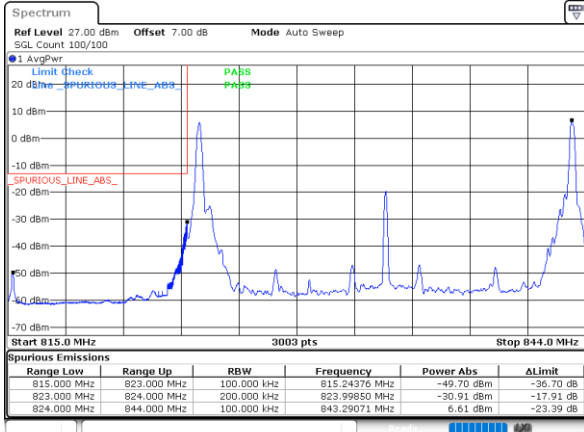




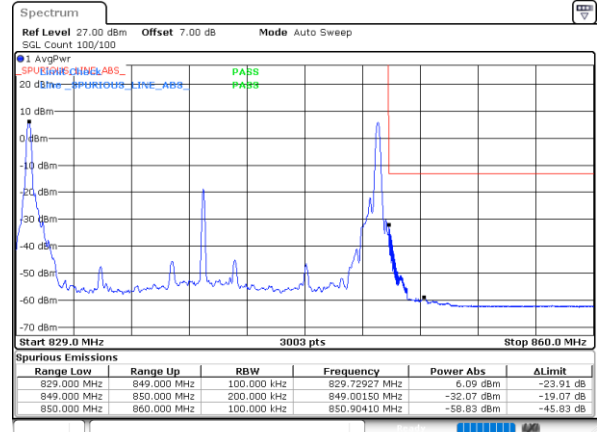
LTE Band 5B / 10MHz+10MHz

QPSK

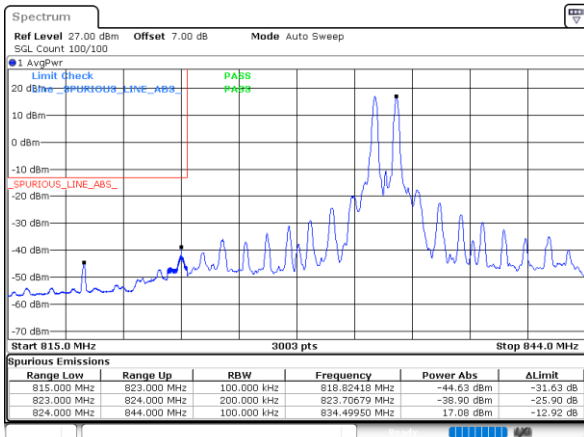
Lowest Band Edge / 1RB0 and 1RB49



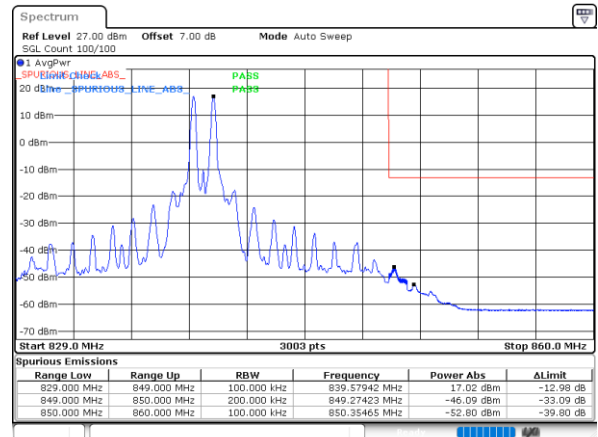
Highest Band Edge / 1RB0 and 1RB49



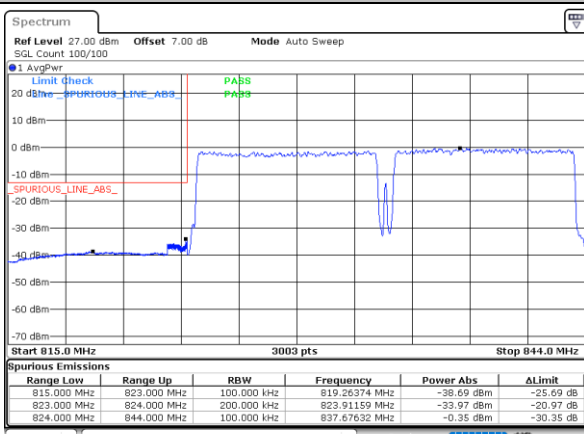
Lowest Band Edge / 1RB49 and 1RB0



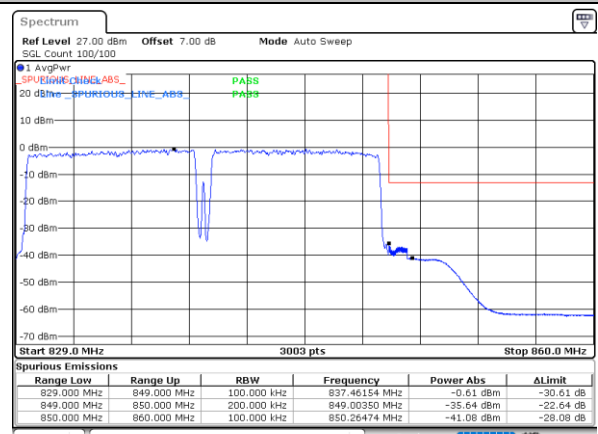
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





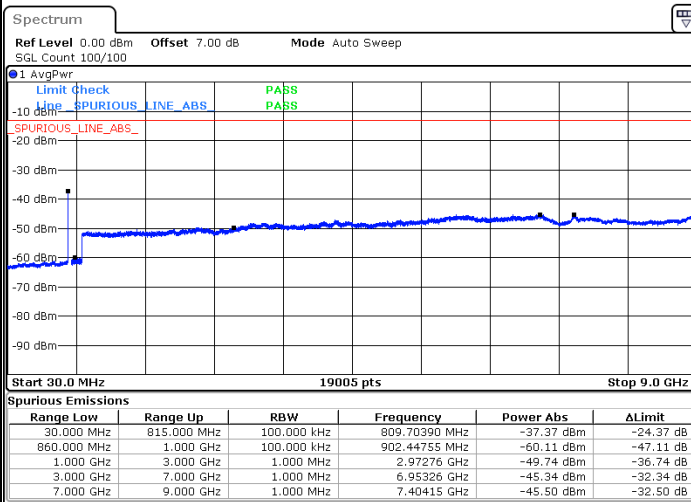
Conducted Spurious Emission

LTE Band 5B / 3MHz+5MHz

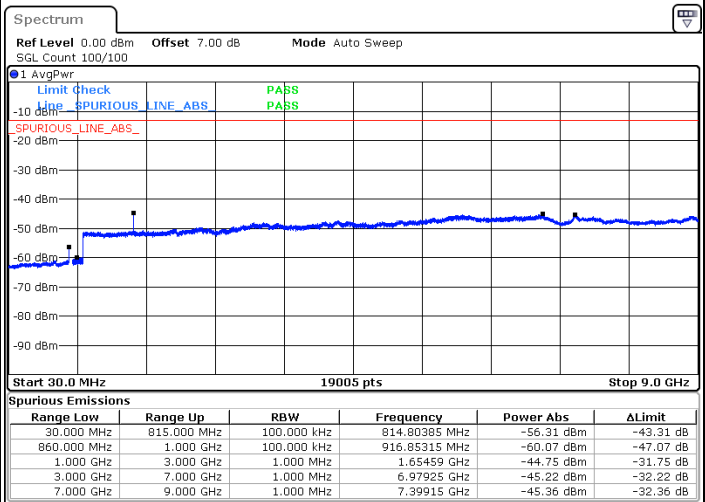
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB14 and 1RB0



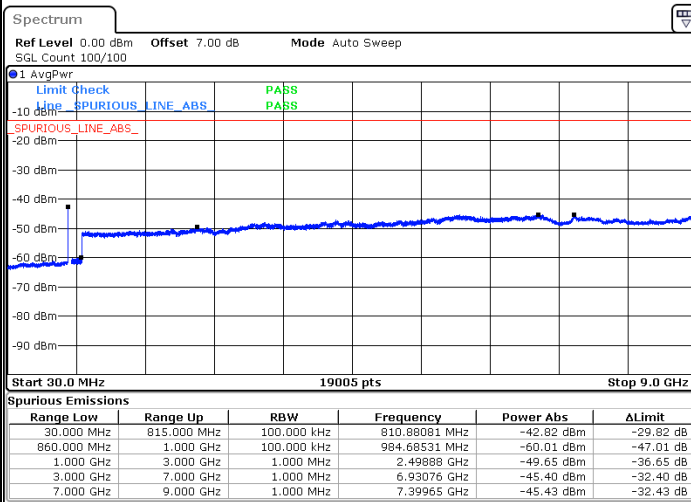
Date: 3.SEP.2026 10:48:11



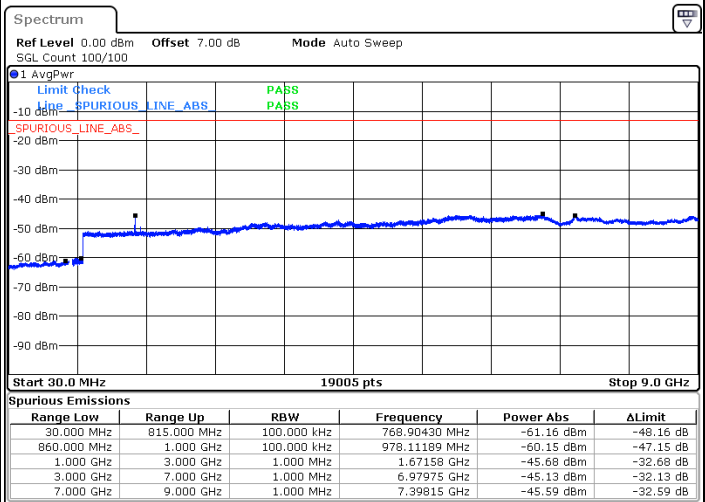
Date: 3.SEP.2026 10:46:30

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB14 and 1RB0



Date: 3.SEP.2026 10:51:03



Date: 3.SEP.2026 10:52:43

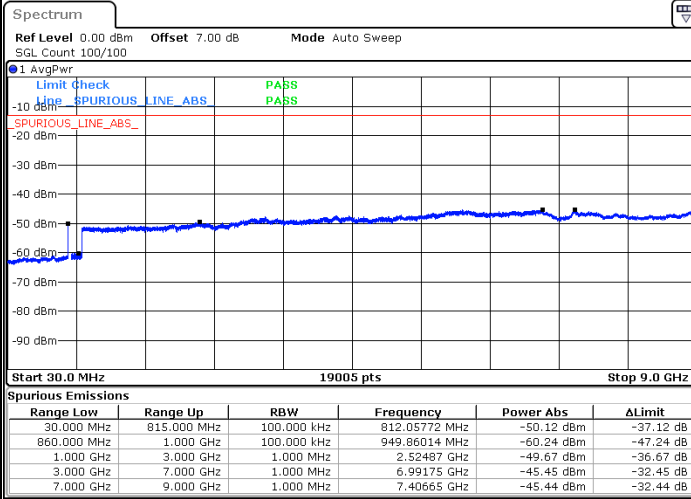


LTE Band 5B / 3MHz+5MHz

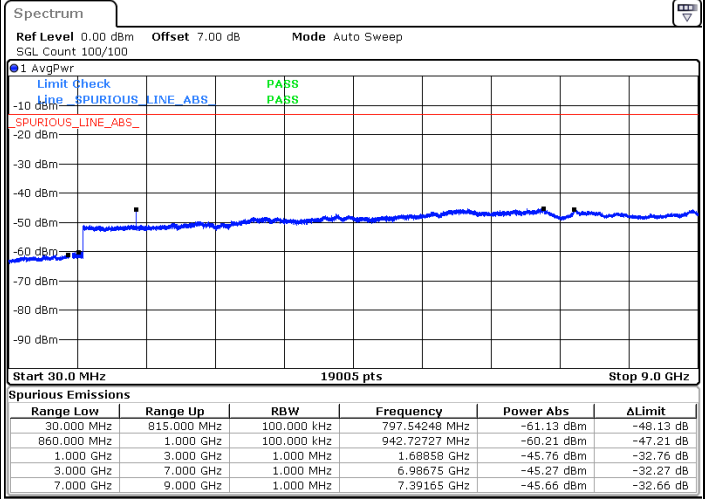
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB14 and 1RB0



Date: 3.SEP.2026 10:44:43



Date: 3.SEP.2026 10:43:07

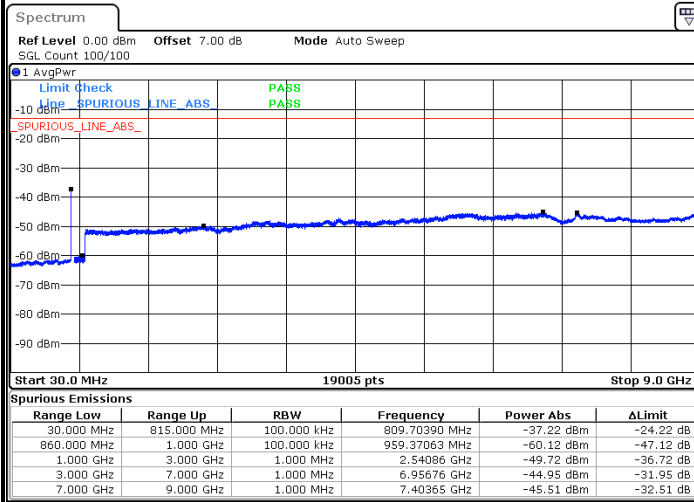


LTE Band 5B / 5MHz+3MHz

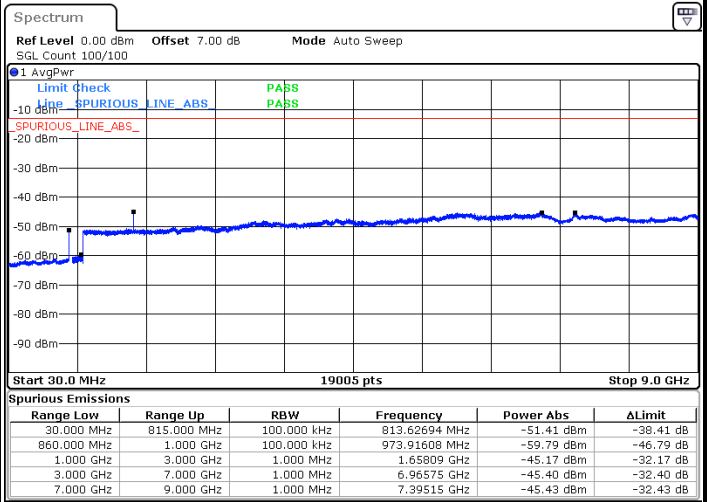
QPSK

Lowest Channel / 1RB0 and 1RB14

Lowest Channel / 1RB24 and 1RB0



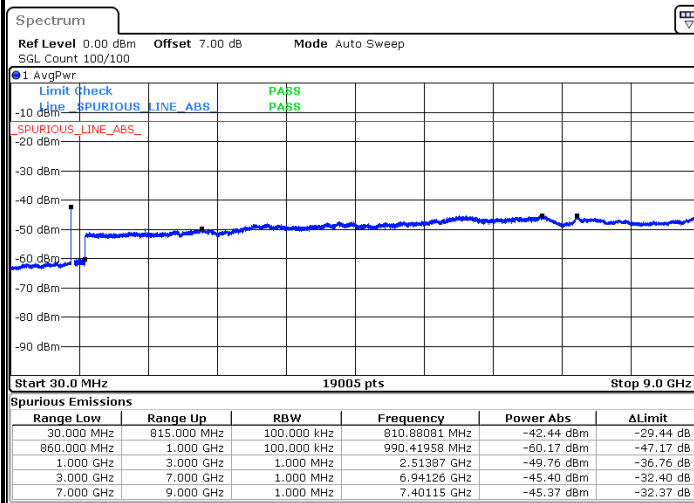
Date: 3.SEP.2026 10:59:30



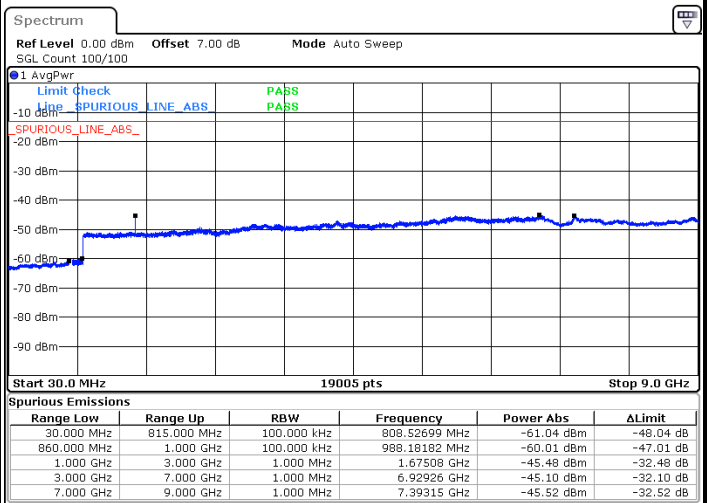
Date: 3.SEP.2026 10:57:50

Middle Channel / 1RB0 and 1RB14

Middle Channel / 1RB24 and 1RB0



Date: 3.SEP.2026 11:01:11



Date: 3.SEP.2026 11:04:19

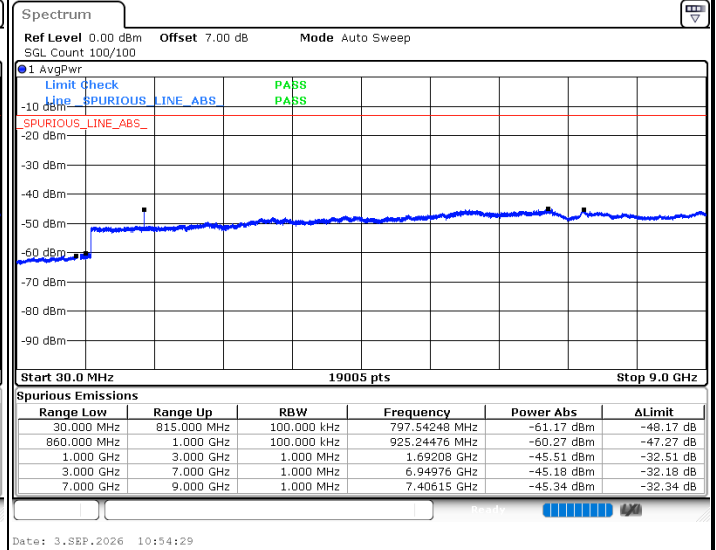
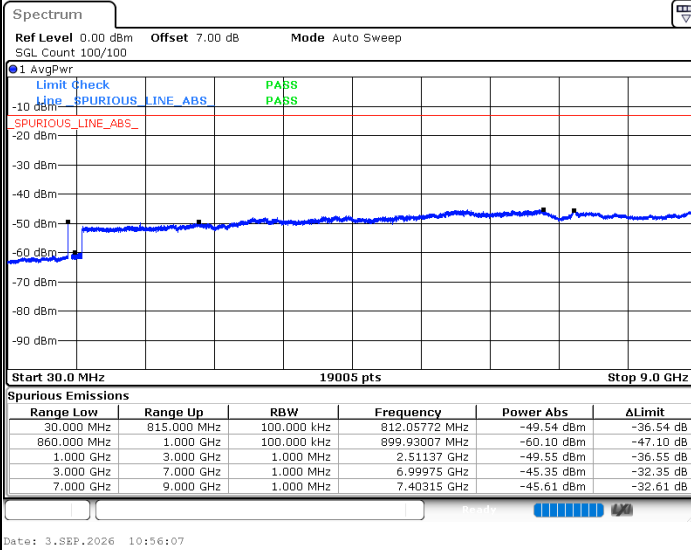


LTE Band 5B / 5MHz+3MHz

QPSK

Highest Channel / 1RB0 and 1RB14

Highest Channel / 1RB24 and 1RB0



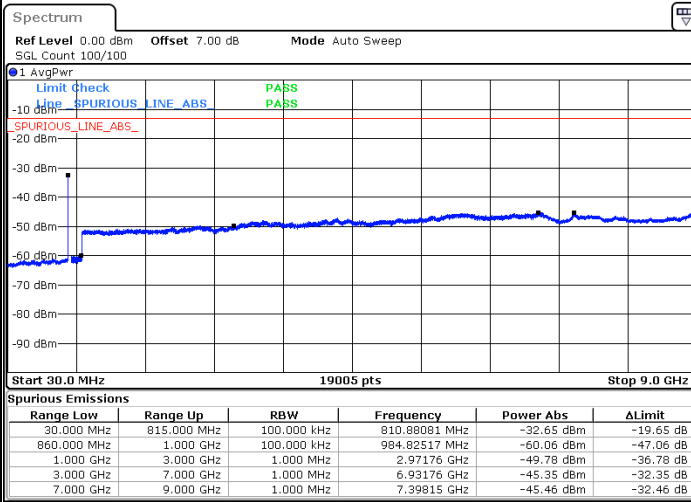


LTE Band 5B / 5MHz+10MHz

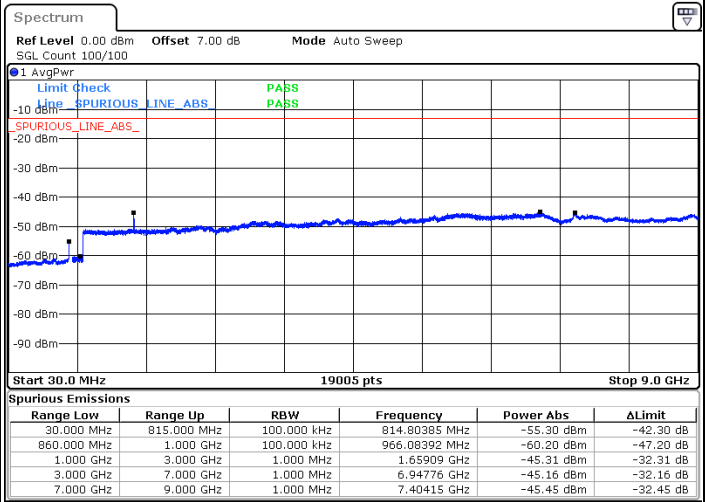
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0



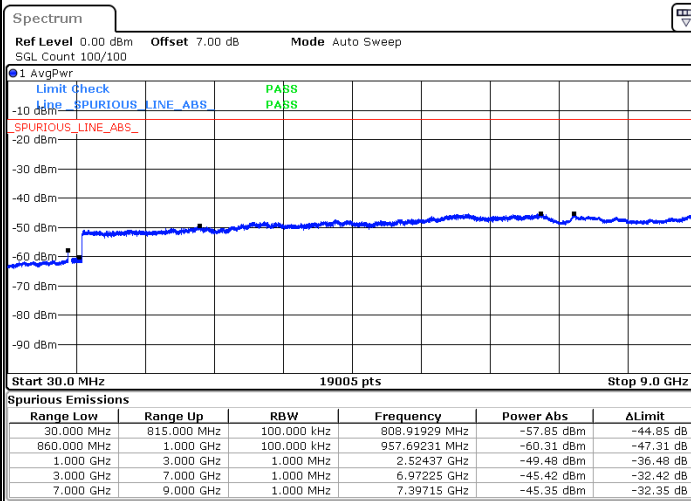
Date: 3.SEP.2026 11:11:27



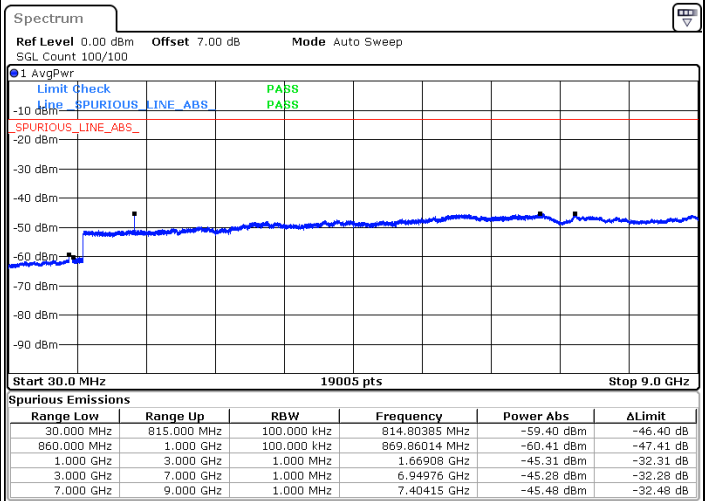
Date: 3.SEP.2026 11:09:49

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0



Date: 3.SEP.2026 11:13:05



Date: 3.SEP.2026 11:14:45

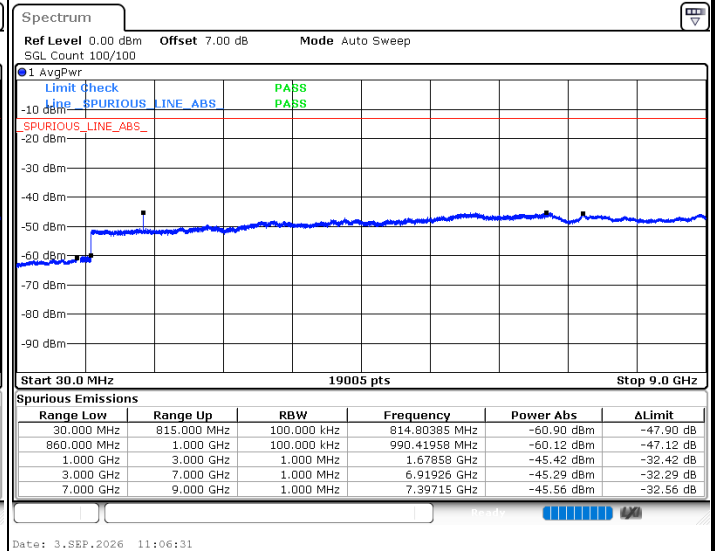
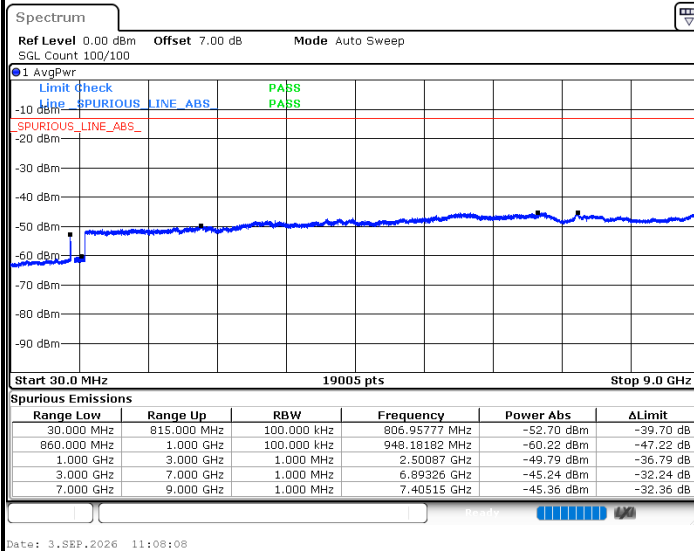


LTE Band 5B / 5MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0



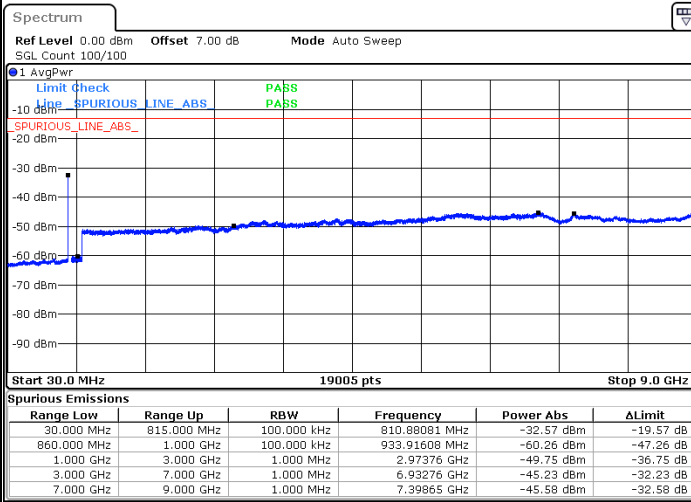


LTE Band 5B / 10MHz+5MHz

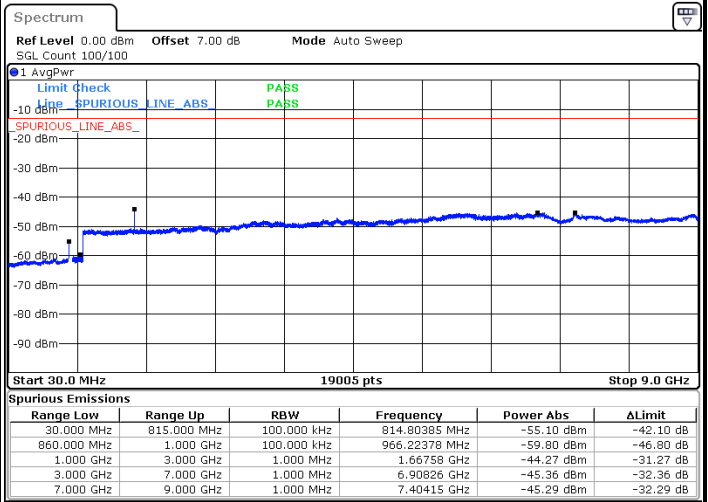
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0



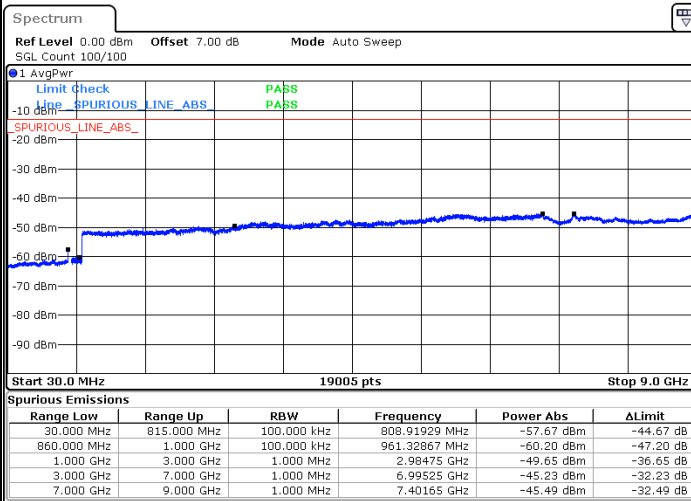
Date: 3.SEP.2026 11:18:07



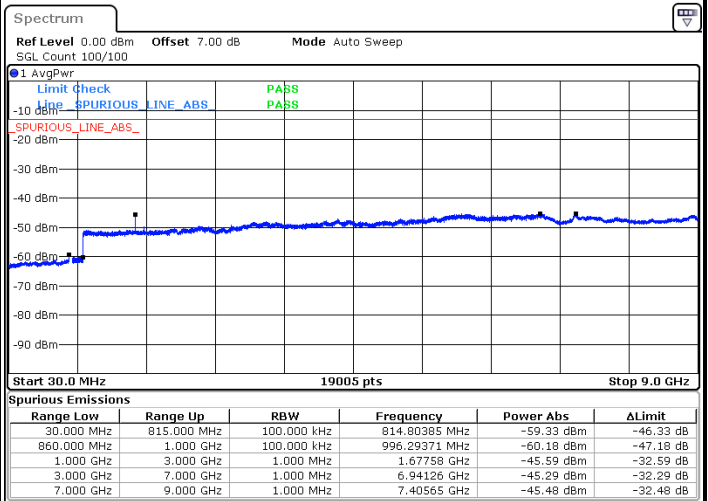
Date: 3.SEP.2026 11:16:29

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB49 and 1RB0



Date: 3.SEP.2026 11:23:05



Date: 3.SEP.2026 11:24:43

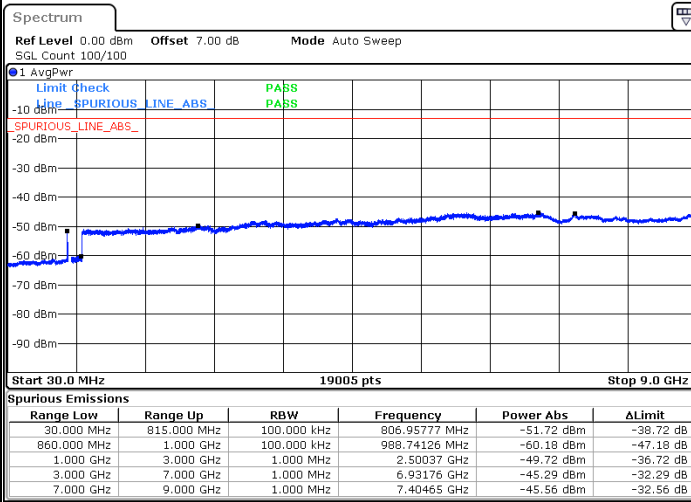


LTE Band 5B / 10MHz+5MHz

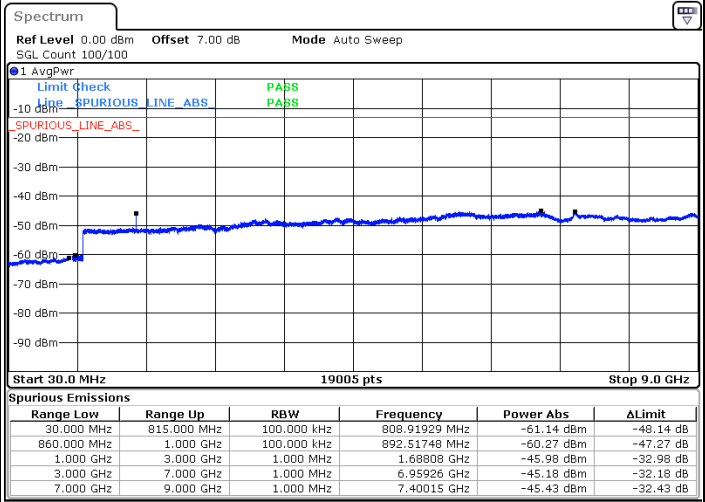
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB49 and 1RB0



Date: 3.SEP.2026 11:21:25



Date: 3.SEP.2026 11:19:47

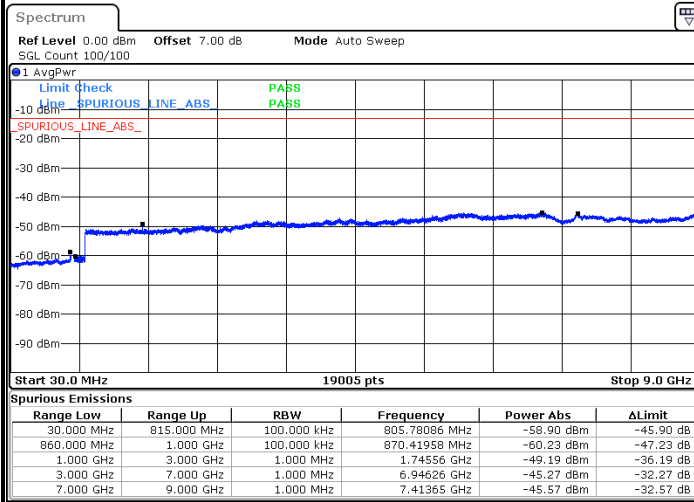


LTE Band 5B / 10MHz+10MHz

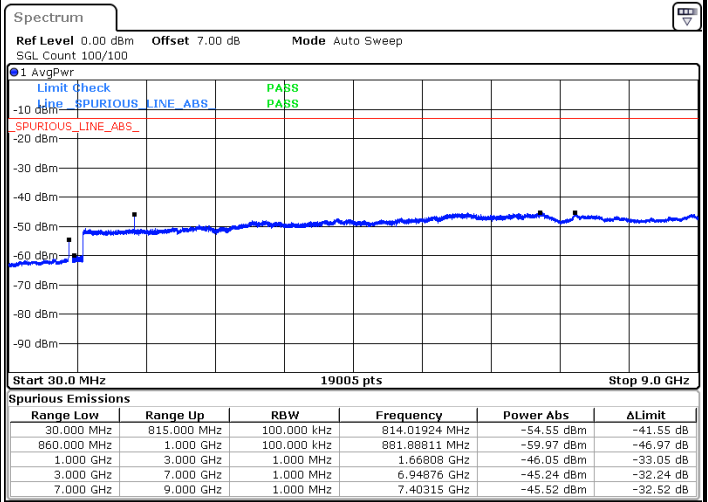
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



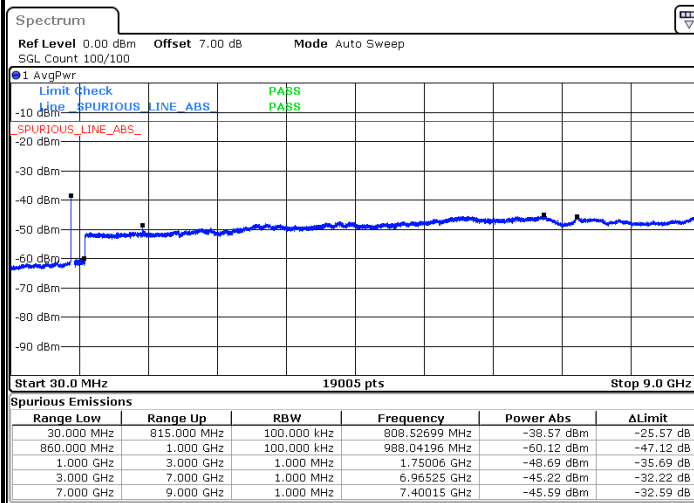
Date: 3.SEP.2026 11:31:28



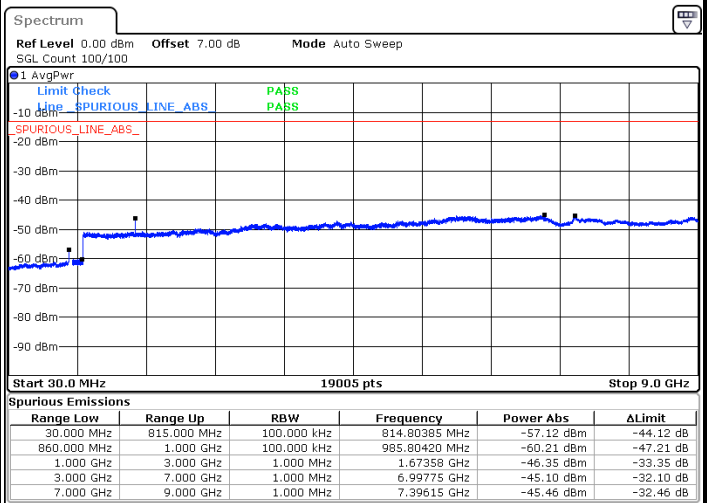
Date: 3.SEP.2026 11:29:47

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Date: 3.SEP.2026 11:33:07



Date: 3.SEP.2026 11:34:46

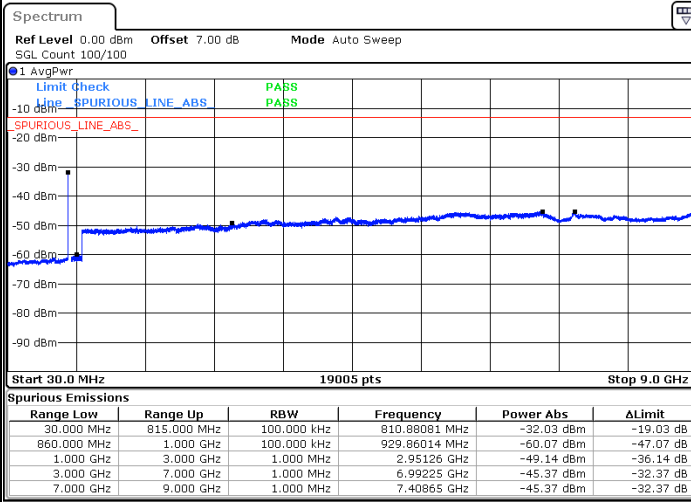


LTE Band 5B / 10MHz+10MHz

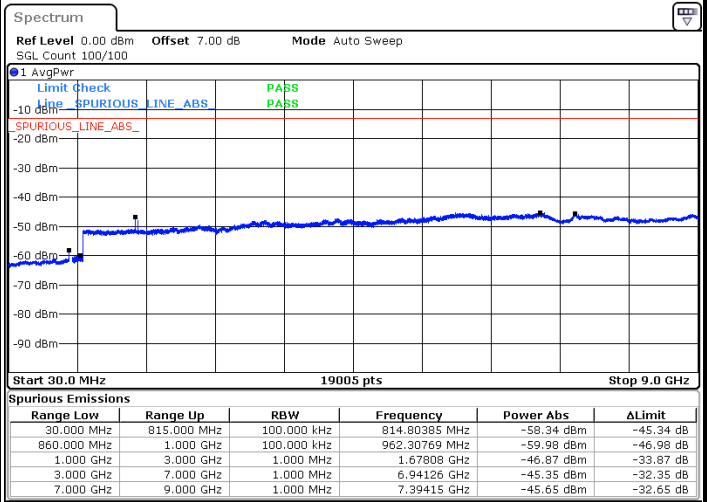
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Date: 3.SEP.2026 11:28:04



Date: 3.SEP.2026 11:26:25



Appendix B. Radiated Spurious Emission Test Data

B1.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
20	LTE CA 5B	Part 22H	M	3328	-55.89	RMS	29.50	-26.61	0.22	-95.23	36.23	-13.00	-42.89	V	0
5	LTE B41	Part 27M	M	12930	-51.43	RMS	39.82	-47.96	0.84	-95.23	51.10	-25.00	-26.43	V	4
9	EN-DC B66+n2	Part 27L	M	6944	-46.04	RMS	35.90	-23.51	0.75	-95.23	36.05	-13.00	-33.04	V	0+4
10	LTE B42	Part 27Q	M	13964	-35.17	RMS	40.66	-18.38	0.60	-95.23	37.18	-13.00	-22.17	H	5
22	EN-DC B13+n2	Part 27F	M	3110	-56.1	RMS	29.74	-26.86	0.24	-95.23	36.01	-13.00	-43.10	H	4+0

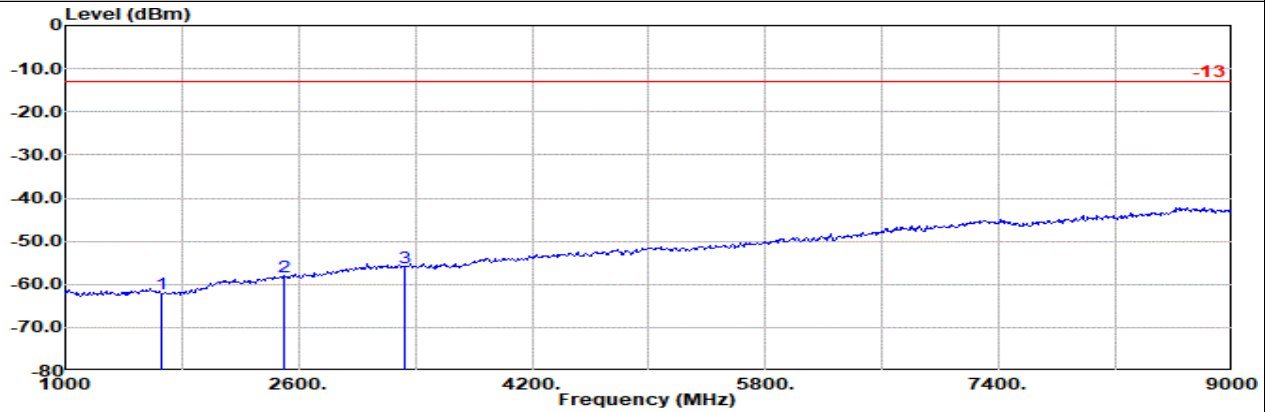


Ant. 0

Part 22H Mode 20

LTE CA 5B 10M + 10M Ch20476 1RB49 QPSK + Ch20575 1RB0 QPSK

M



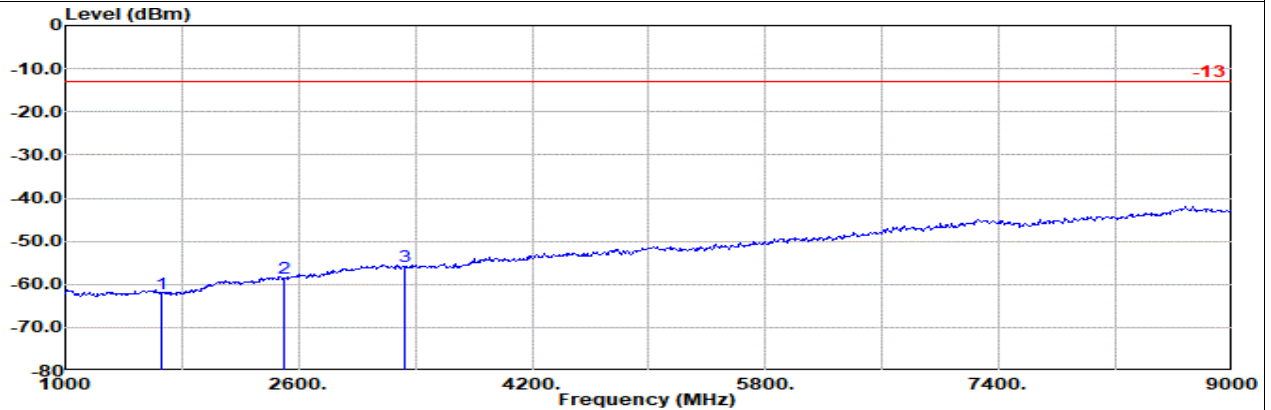
Site : 03CH16-HY

Condition: -13 3m 9120D-1522_260326 Horizontal

: LTE Band CA 5B 10M Ch20476 1RB49 QPSK

: LTE Band CA 5B 10M Ch20575 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1664.00	-62.05	RMS	25.04	-29.34	0.45	-95.23	37.03	-13.00	-49.05	Horizontal
2	2496.00	-58.39	RMS	27.70	-27.64	0.29	-95.23	36.49	-13.00	-45.39	Horizontal
3	3328.00	-56.03	RMS	29.50	-26.61	0.22	-95.23	36.09	-13.00	-43.03	Horizontal



Site : 03CH16-HY

Condition: -13 3m 9120D-1522_260326 Vertical

: LTE Band CA 5B 10M Ch20476 1RB49 QPSK

: LTE Band CA 5B 10M Ch20575 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1664.00	-62.15	RMS	25.04	-29.34	0.45	-95.23	36.93	-13.00	-49.15	Vertical
2	2496.00	-58.69	RMS	27.70	-27.64	0.29	-95.23	36.19	-13.00	-45.69	Vertical
3	3328.00	-55.89	RMS	29.50	-26.61	0.22	-95.23	36.23	-13.00	-42.89	Vertical

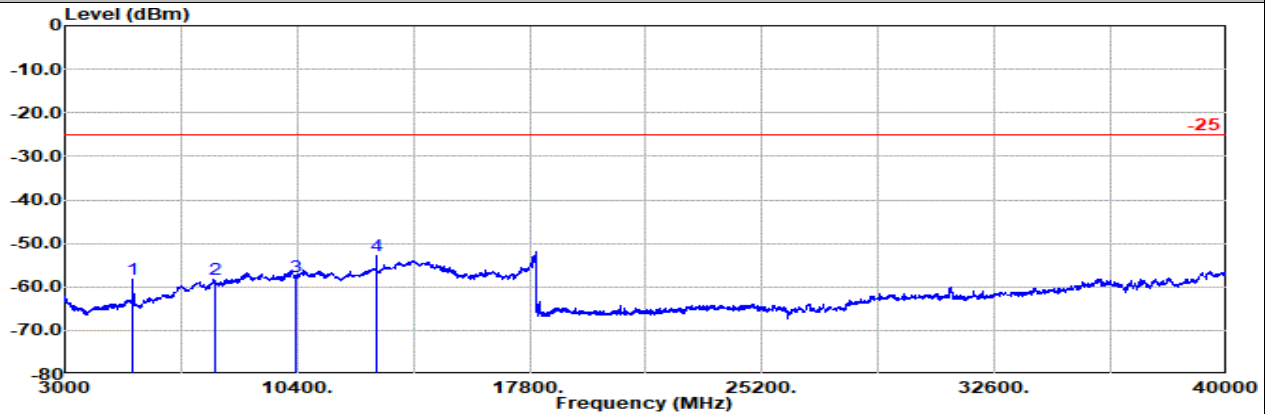


Ant. 4

Part 27M Mode 5

LTE B41 20M Ch40620 1RB0 QPSK

M

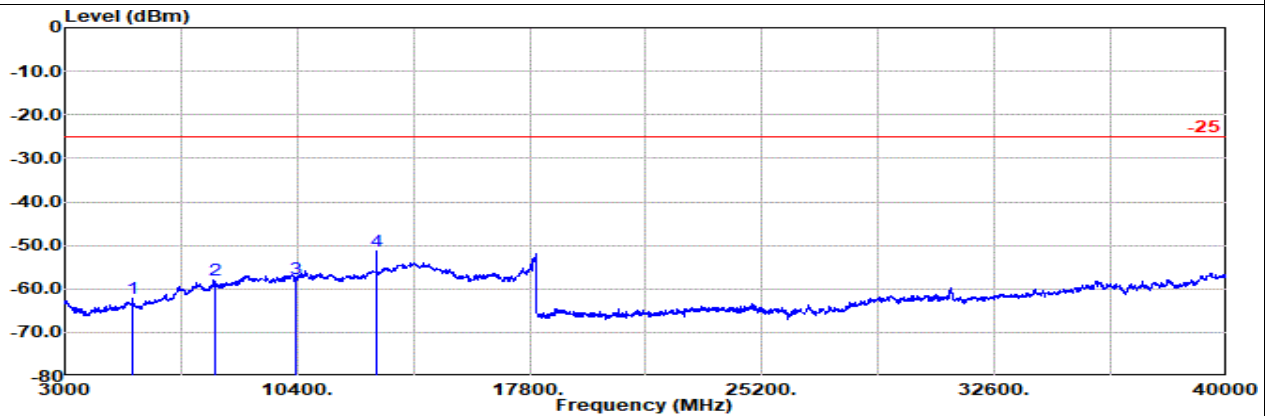


Site : 03CH16-HY

Condition: -25 1m BBHA9170_00993_251128 Horizontal

: LTE B41 20M Ch40620 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	5175.00	-58.20	RMS	33.05	-54.52	0.84	-95.23	0.00	-25.00	-33.20	Horizontal
2	7755.00	-58.30	RMS	36.52	-51.79	0.59	-95.23	51.61	-25.00	-33.30	Horizontal
3	10335.00	-57.69	RMS	38.47	-50.78	0.76	-95.23	49.09	-25.00	-32.69	Horizontal
4	12930.00	-52.72	RMS	39.82	-47.96	0.84	-95.23	49.81	-25.00	-27.72	Horizontal



Site : 03CH16-HY

Condition: -25 1m BBHA9170_00993_251128 Vertical

: LTE B41 20M Ch40620 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	5175.00	-62.22	RMS	33.05	-54.52	0.84	-95.23	53.64	-25.00	-37.22	Vertical
2	7755.00	-57.99	RMS	36.52	-51.79	0.59	-95.23	51.92	-25.00	-32.99	Vertical
3	10335.00	-57.52	RMS	38.47	-50.78	0.76	-95.23	49.26	-25.00	-32.52	Vertical
4	12930.00	-51.43	RMS	39.82	-47.96	0.84	-95.23	51.10	-25.00	-26.43	Vertical

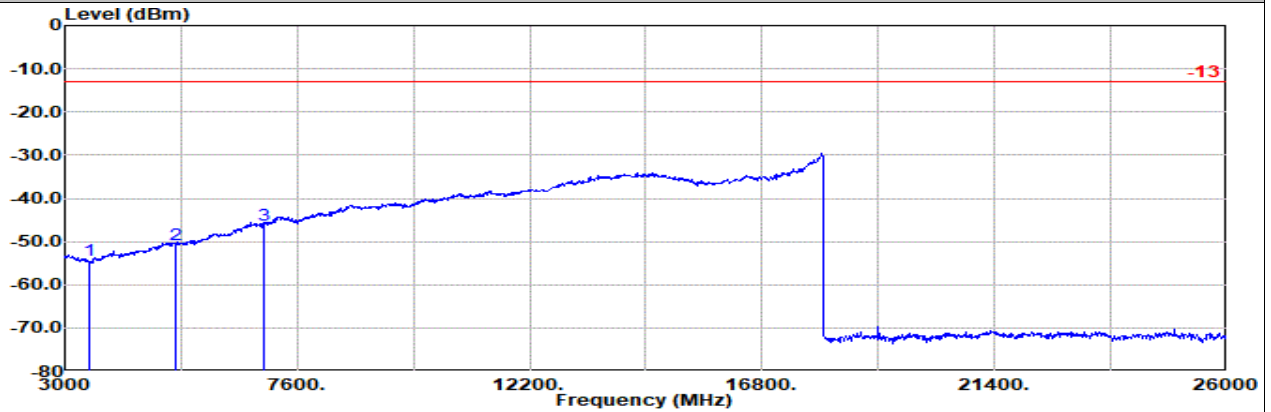


Ant. 0+4

Part 27L Mode 9

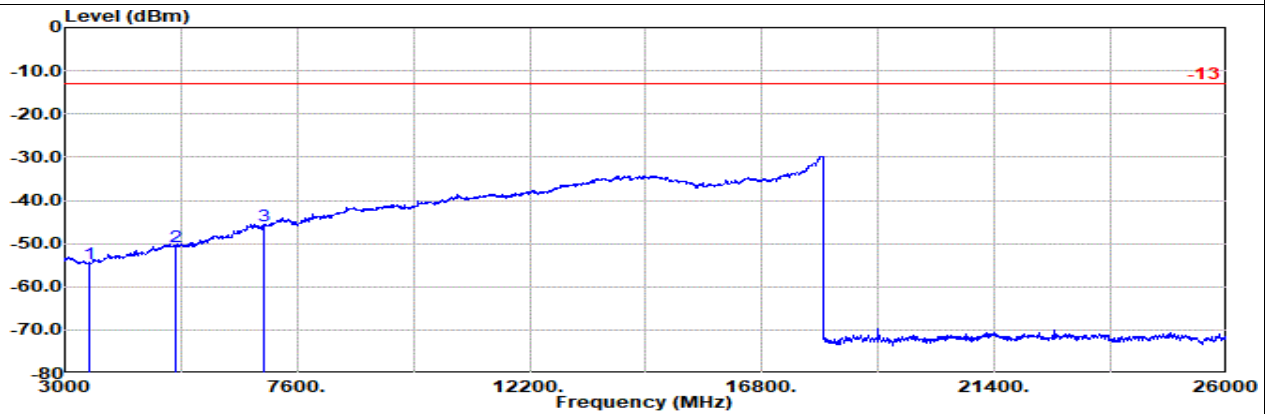
EN-DC B66+n2 20M + 40M Ch132322 1RB0 QPSK + Ch376000 1RB1 BPSK

M



Site : 03CH16-HY
Condition: -13 1m SHF_00994_260123 Horizontal
: LTE Band 66 20M Ch132322 1RB0 QPSK
: NR SA n2 40M Ch376000 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	3472.00	-54.47	RMS	29.46	-26.43	1.62	-95.23	0.00	-13.00	-41.47 Horizontal
2	5208.00	-50.63	RMS	33.00	-24.64	0.84	-95.23	35.40	-13.00	-37.63 Horizontal
3	6944.00	-46.18	RMS	35.90	-23.51	0.75	-95.23	35.91	-13.00	-33.18 Horizontal



Site : 03CH16-HY
Condition: -13 1m SHF_00994_260123 Vertical
: LTE Band 66 20M Ch132322 1RB0 QPSK
: NR SA n2 40M Ch376000 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	3472.00	-54.55	RMS	29.46	-26.43	1.62	-95.23	36.03	-13.00	-41.55 Vertical
2	5208.00	-50.61	RMS	33.00	-24.64	0.84	-95.23	35.42	-13.00	-37.61 Vertical
3	6944.00	-46.04	RMS	35.90	-23.51	0.75	-95.23	36.05	-13.00	-33.04 Vertical

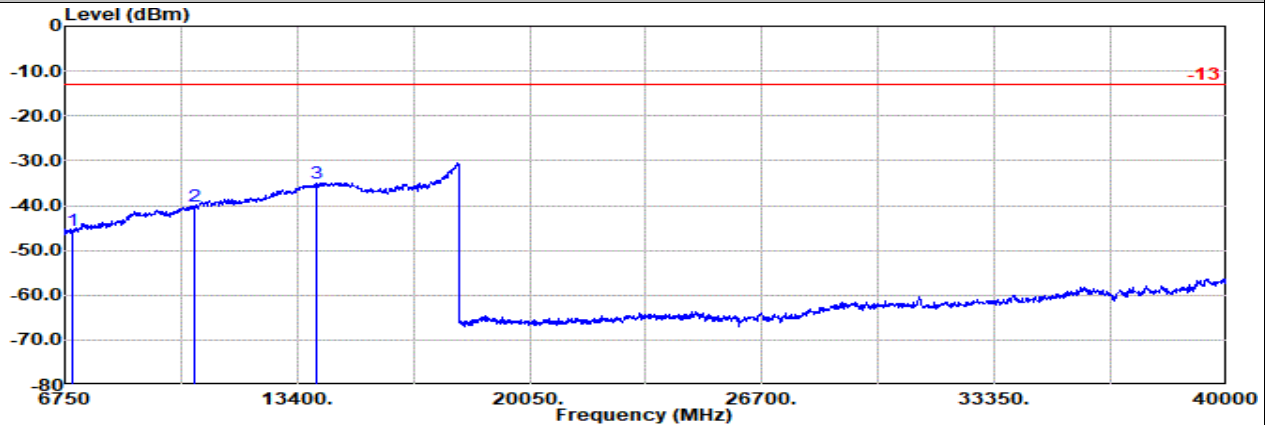


Ant. 5

Part 27Q Mode 10

LTE B42 20M Ch42590 1RB0 QPSK

M

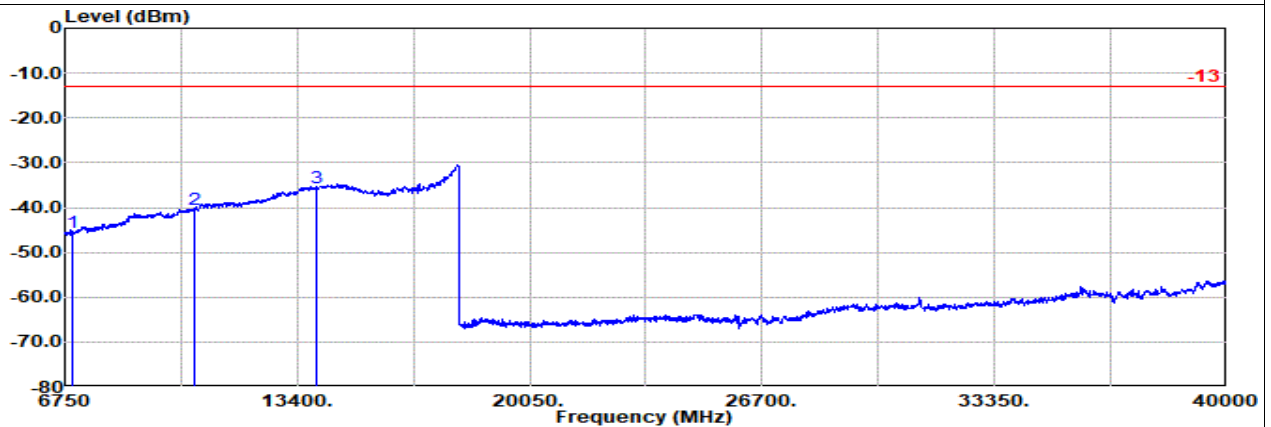


Site : 03CH16-HY

Condition: -13 1m BBHA9170_00993_251128 Horizontal

: LTE B41 20M Ch42590 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	6982.00	-45.57	RMS	35.90	-23.47	1.29	-95.23	0.00	-13.00	-32.57	Horizontal			
2	10473.00	-40.13	RMS	38.60	-20.20	0.95	-95.23	35.75	-13.00	-27.13	Horizontal			
3	13964.00	-35.17	RMS	40.66	-18.38	0.60	-95.23	37.18	-13.00	-22.17	Horizontal			



Site : 03CH16-HY

Condition: -13 1m BBHA9170_00993_251128 Vertical

: LTE B41 20M Ch42590 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	6982.00	-45.60	RMS	35.90	-23.47	1.29	-95.23	35.91	-13.00	-32.60	Vertical			
2	10473.00	-40.30	RMS	38.60	-20.20	0.95	-95.23	35.58	-13.00	-27.30	Vertical			
3	13964.00	-35.63	RMS	40.66	-18.38	0.60	-95.23	36.72	-13.00	-22.63	Vertical			

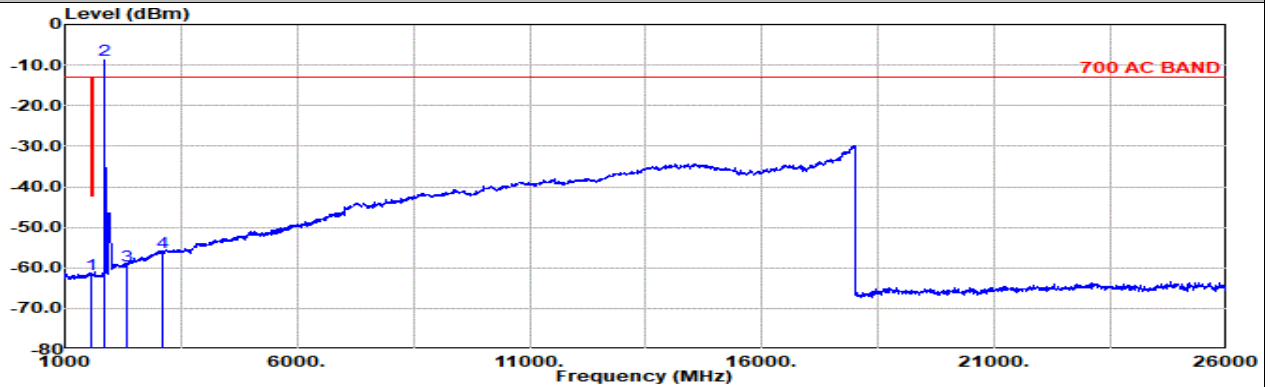


Ant. 4+0

Part 27F Mode 22

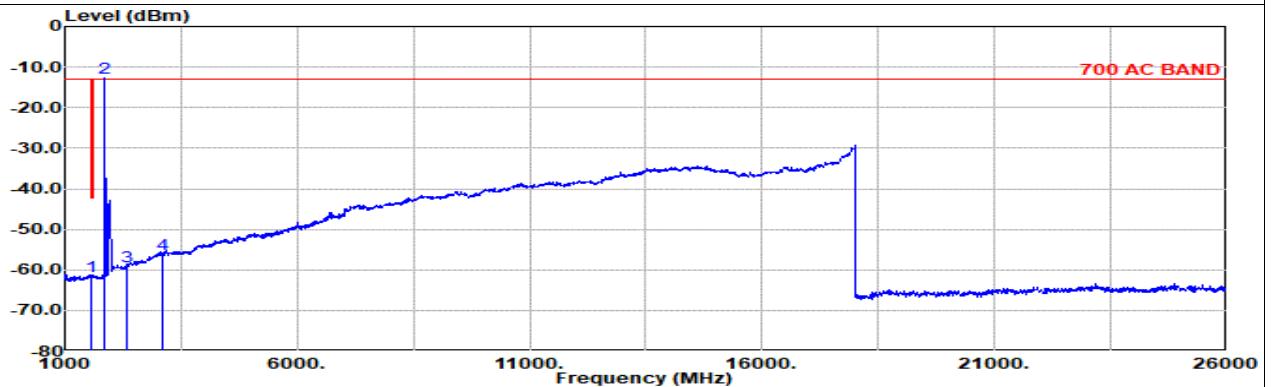
EN-DC B13+n2 10M + 40M Ch23230 1RB0 QPSK + Ch376000 1RB1 BPSK

M



Site : 03CH16-HY
Condition: 700 AC BAND 1m SHF_00994_260123 Horizontal
: LTE Band 13 10M Ch23230 1RB0 QPSK
: SA n2 40M Ch376000 1RB1 BPSK
: #2 is 5G NR fundamental signal which can be ignored

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1			g			
1	1555.00	-61.72	RMS	25.35	-29.67	0.52	-95.23	37.31	-13.00	-48.72	Horizontal
2	1864.00	-8.82	RMS	25.40	-28.76	0.36	-95.23	89.41	-----	-----	Horizontal
3	2332.00	-59.56	RMS	27.12	-27.87	0.32	-95.23	36.10	-13.00	-46.56	Horizontal
4	3110.00	-56.10	RMS	29.74	-26.86	0.24	-95.23	36.01	-13.00	-43.10	Horizontal



Site : 03CH16-HY
Condition: 700 AC BAND 1m SHF_00994_260123 Vertical
: LTE Band 13 10M Ch23230 1RB0 QPSK
: SA n2 40M Ch376000 1RB1 BPSK
: #2 is 5G NR fundamental signal which can be ignored

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1			g			
1	1555.00	-61.48	RMS	25.35	-29.67	0.52	-95.23	37.55	-13.00	-48.48	Vertical
2	1864.00	-12.66	RMS	25.40	-28.76	0.36	-95.23	85.57	-----	-----	Vertical
3	2332.00	-59.32	RMS	27.12	-27.87	0.32	-95.23	36.34	-13.00	-46.32	Vertical
4	3110.00	-56.15	RMS	29.74	-26.86	0.24	-95.23	35.96	-13.00	-43.15	Vertical

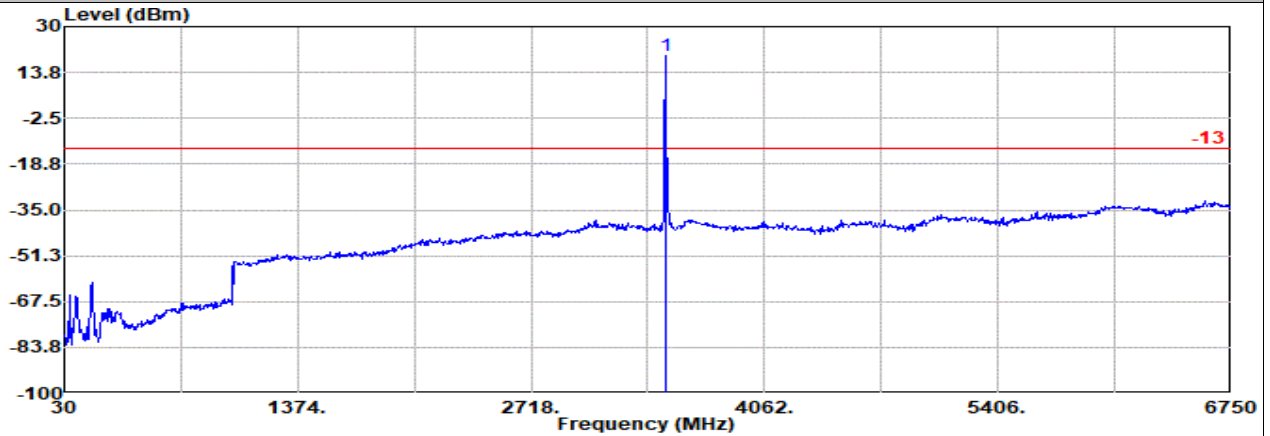


Ant. 5

Part 27Q Mode 10

LTE B42 20M Ch42590 1RB0 QPSK

M



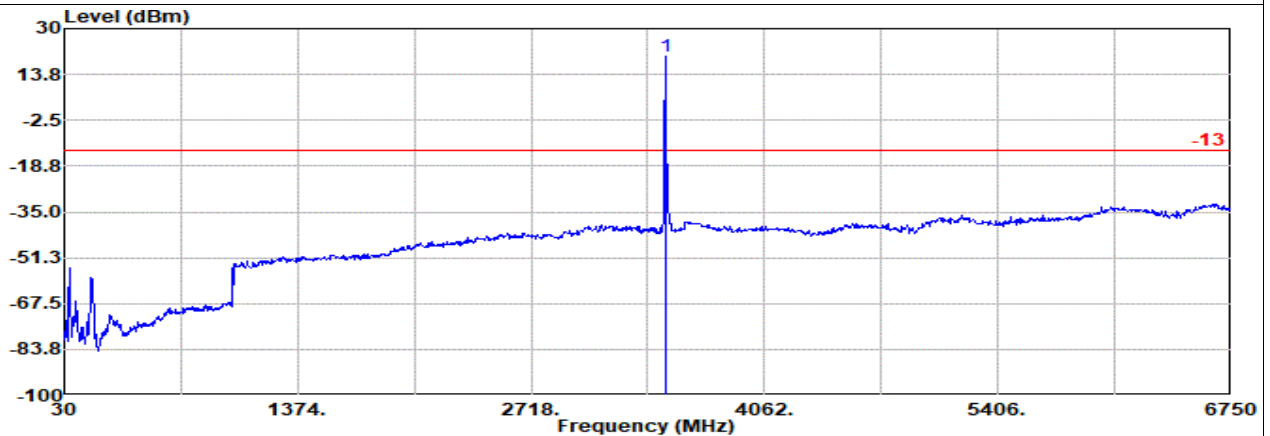
Site : 03CH16-HY

Condition: -13 3m 9120D-1522_260326 Horizontal

: LTE Band 42 20M Ch42590 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm									
1	3491.00	19.65	RMS	29.42	9.60	0.00	-95.23	75.86	-13.00	32.65	Horizontal



Site : 03CH16-HY

Condition: -13 3m 9120D-1522_260326 Vertical

: LTE Band 42 20M Ch42590 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm									
1	3491.00	20.23	RMS	29.42	9.60	0.00	-95.23	76.44	-13.00	33.23	Vertical