FCC Test Report (Part 20 / Part 30)

Report No.:	RF200130C10-1
FCC ID:	NKR-TR1V1-IDU
Test Model:	TR1V1
Received Date:	Jan. 31, 2020
Test Date:	Feb. 22 ~ Mar. 11, 2020
Issued Date:	Mar. 13, 2020
Applicant:	Wistron NeWeb Corp.
Address:	20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan, R.O.C.
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	788550 / TW0003

Testing Laboratory
2021

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Release Control Record

Issue No.	Description	Date Issued
RF200130C10-1	Original release.	Mar. 13, 2020

1 Certificate of Conformity

Product:	Verizon 5G Extender
Brand:	Verizon
Test Model:	TR1V1
Sample Status:	ENGINEERING SAMPLE
Applicant:	Wistron NeWeb Corp.
Test Date:	Feb. 22 ~ Mar. 11, 2020
Standards:	47 CFR FCC Part 2 47 CFR FCC Part 20 47 CFR FCC Part 30 ANSI C63.26:2015

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : Pettie Chen , **Date:** Mar. 13, 2020

Pettie Chen / Senior Specialist

Approved by : , **Date:** Mar. 13, 2020

Dylan Chiou / Senior Project Engineer

2 Summary of Test Results

47 CFR FCC Part 20 & 30				
FCC Clause	Test Item	Test Result	Test Condition	Remarks
2.1047	Modulation characteristics	PASS	Radiated	Meet the requirement of limit.
2.1046 30.202 20.21	Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain	Pass	Radiated	Meet the requirement of limit.
30.202	EIRP	Pass	Radiated	Meet the requirement of limit.
2.1049	Occupied Bandwidth / Emission Bandwidth	Pass	Radiated	Meet the requirement of limit.
20.21	Input-Versus-Output Signal Comparison	Pass	Radiated	Meet the requirement of limit.
2.1053 30.203 20.21	Radiated Spurious Emissions	Pass	Radiated	Meet the requirement of limit.
2.1053 30.203 20.21	Out-of-Band/Out of Block/ Band Edge Emissions	Pass	Radiated	Meet the requirement of limit.
20.21	Out-of-Band Rejection	Pass	Radiated	Meet the requirement of limit.
2.1055 20.21	Frequency Stability	Pass	Radiated	Meet the requirement of limit.

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

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Uncertainty
Radiated emissions	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.63 dB
	200MHz ~ 1000MHz	3.64 dB
	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Verizon 5G Extender
Brand	Verizon
Test Model	TR1V1
Status of EUT	ENGINEERING SAMPLE
Power Supply Rating	12Vdc from adapter
Modulation Type	QPSK, 16QAM, 64QAM
Operating Frequency	n261:27.5 GHz ~ 28.35 GHz
Supported Channel Bandwidth	100MHz, 200MHz, 400MHz
Subcarrier spacing (SCS)	120 kHz
Supported Component Carriers	1CC, 2CC, 4CC
Max. E.I.R.P. Power (RMS)	Relay: 24.36 dBm (H+V) Donor: 41.06 dBm (H+V)
Antenna Type	Refer to Note
Accessory Device	Adapter
Accessory Device	Refer to Note
Data Cable Supplied	N/A
Antenna Information	Donor: There are two 4x8 array antennas, one for UL and the other for DL, and they do not operate simultaneously of each other. Each array antenna consists of Horizontal beam(b1) and Vertical beam(b2) and they can operate simultaneously. As for beam-steering mechanism, it sweeps beam 0~57 in the codebook to get best link. Relay: There are two 2x4 array antennas, one for UL and the other for DL, and they do not operate simultaneously of each other. Each array antenna consists of Horizontal beam(b1) and Vertical beam(b2) and they can operate simultaneously. No beam-steering mechanism for relay antennas, and all patches are excited uniformly.

Note:

1. The EUT consumes power from the following adapter.

Brand	DELTA
Model	ADP-48GR B
Input Power	100-240Vac, 50/60Hz, 1A
Output Power	12Vdc, 4A
Power Line	DC: 2.9m cable without core attached on adapter AC: 1.7m non-shielded power cable without core

2. There are 5G NR and Bluetooth technology used for the EUT.

3. Simultaneously transmission condition.

Condition	Technology	
1	5G NR (n261)	Bluetooth
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.		

4. The EUT contains two modules for millimeter wave.

Millimeter wave module	
Radio Module	Status
Module 1 (Relay)	Active
Module 2 (Donor)	Active

5. The worst beam ID:

Band	Module	Beam ID
n261	Donor	1 & 10
	Module	Beam
	Relay	Full Beam

*The worst beams are defined from the EIRP simulation report.
*These modes were investigated and the worst case scenario was identified. The worst case data were presented in test report.

6. The EUT was tested under the following modes:

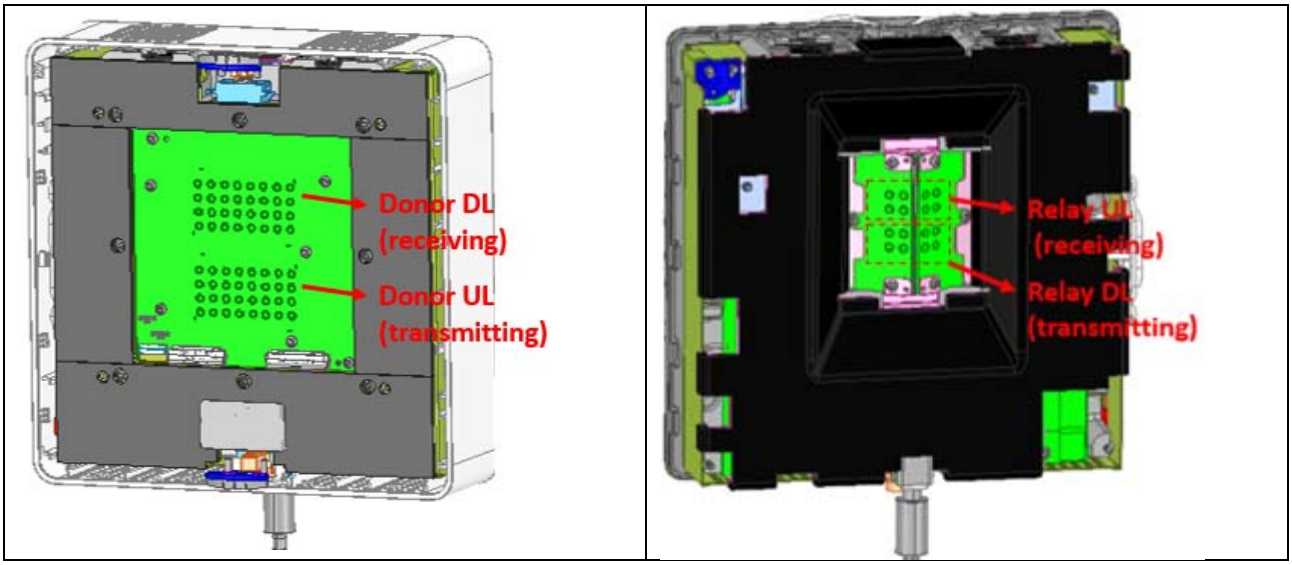
For Radiated Emission test		
Test Mode	Description	Antenna polarization
Mode A	Donor Input to Relay Output	H+V, H, V
Mode B	Relay Input to Donor Output	H+V, H, V

7. The following antenna was provided to the EUT:

Ant. No.	Freq. range (MHz)	Ant. Type	Connector Type
5G NR Antenna	27500~28350	Array Antenna	NA

8. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

9. Antenna Location



3.2 Description of Test Modes

Band	Channel Bandwidth (MHz)	Channel	Antenna polarization
n261	100, 200, 400	Low	H+V, H, V
		Middle	
		High	

3.2.1 Test Mode Applicability and Tested Channel Detail

Test results are presented in the report as below.

For Radiated Emission test		
Test Mode	Description	Antenna polarization
Mode A	Donor Input(RX) to Relay Output(TX)	H+V, H, V
Mode B	Relay Input(RX) to Donor Output(TX)	H+V, H, V
The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on Z-plane.		

EUT Configure Mode	Test Item	Modulation	Test Carriers	Test Channel	Beam ID
A	Modulation characteristics	QPSK / 16QAM / 64QAM	1CC	M	Full Beam
A	Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain	QPSK	1CC	M	Full Beam
A	EIRP	QPSK / 16QAM / 64QAM	1CC, 2CC, 4CC	L, M, H	Full Beam
A	Occupied Bandwidth / Emission Bandwidth	QPSK / 16QAM / 64QAM	1CC, 2CC, 4CC	M	Full Beam
A	Input-Versus-Output Signal Comparison	QPSK / 16QAM / 64QAM	1CC	M	Full Beam
A	Radiated Spurious Emissions	QPSK / 16QAM / 64QAM	1CC	L, M, H	Full Beam
A	Out-of-Band/Out of Block/ Band Edge Emissions	QPSK / 16QAM / 64QAM	1CC, 2CC, 4CC	L, M, H	Full Beam
A	Out-of-Band Rejection	CW	Full Frequency Range	--	Full Beam
A	Frequency Stability	CW	1CC	M	Full Beam

Note: All test result have been consider correction factor for more detail values please refer to “Test Report (B2I) part6”.

EUT Configure Mode	Test Item	Modulation	Test Carriers	Test Channel	Beam ID
B	Modulation characteristics	QPSK / 16QAM / 64QAM	1CC	M	10
B	Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain	QPSK	1CC	M	10
B	EIRP	QPSK / 16QAM / 64QAM	1CC, 2CC, 4CC	L, M, H	1 & 10
B	Occupied Bandwidth / Emission Bandwidth	QPSK / 16QAM / 64QAM	1CC, 2CC, 4CC	M	10
B	Input-Versus-Output Signal Comparison	QPSK / 16QAM / 64QAM	1CC	M	10
B	Radiated Spurious Emissions	QPSK / 16QAM / 64QAM	1CC	L, M, H	1 & 10
B	Out-of-Band/Out of Block/ Band Edge Emissions	QPSK / 16QAM / 64QAM	1CC, 2CC, 4CC	L, M, H	1 & 10
B	Out-of-Band Rejection	CW	Full Frequency Range	--	10
B	Frequency Stability	CW	1CC	M	10

Note: All test result have been consider correction factor for more detail values please refer to “Test Report (B2I) part6”.

Test Condition:

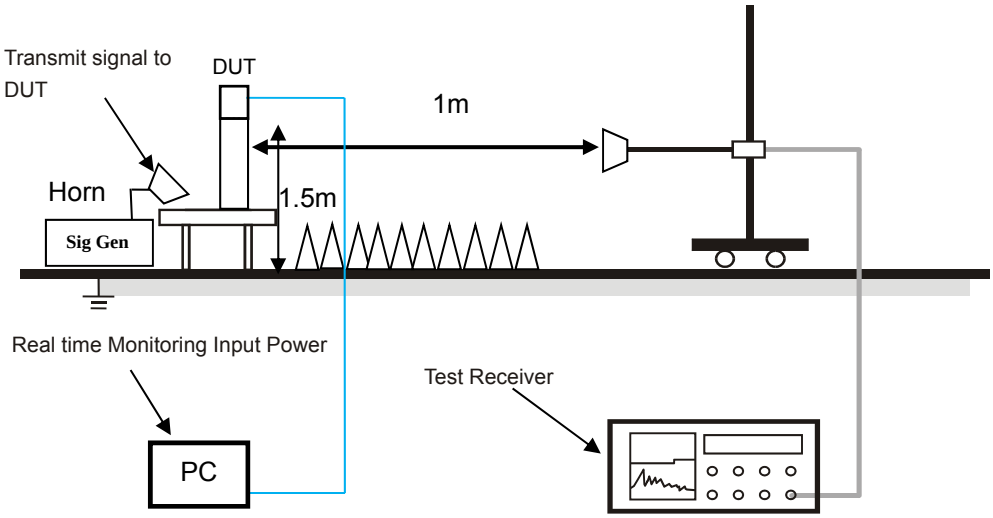
Test Item	Environmental Conditions	Input Power	Tested By
Modulation characteristics	21deg. C, 71%RH	120Vac, 60Hz	Noah Chang
Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain	21deg. C, 71%RH	120Vac, 60Hz	Noah Chang
EIRP	21deg. C, 71%RH	120Vac, 60Hz	Noah Chang
Occupied Bandwidth / Emission Bandwidth	21deg. C, 71%RH	120Vac, 60Hz	Noah Chang
Input-Versus-Output Signal Comparison	21deg. C, 71%RH	120Vac, 60Hz	Noah Chang
Radiated Spurious Emissions	21deg. C, 71%RH	120Vac, 60Hz	Noah Chang
Out-of-Band/Out of Block/ Band Edge Emissions	21deg. C, 71%RH	120Vac, 60Hz	Noah Chang
Out-of-Band Rejection	21deg. C, 71%RH	120Vac, 60Hz	Noah Chang
Frequency Stability	21deg. C, 71%RH	120Vac, 60Hz	Leo Tsai

3.3 EUT Operating Conditions

1. Power on DUT to receive signal generator RF Signal.
2. Connect to DUT via USB cable to configuration DUT test channels, modulation type and bandwidth modes from PC.
3. Using a signal generator through horn antenna to transmit RF signal to input side of the DUT by radiated.
4. Using test tools to monitoring DUT input signal level during the testing.
5. Perform all test items for both Donor and Relay sides.

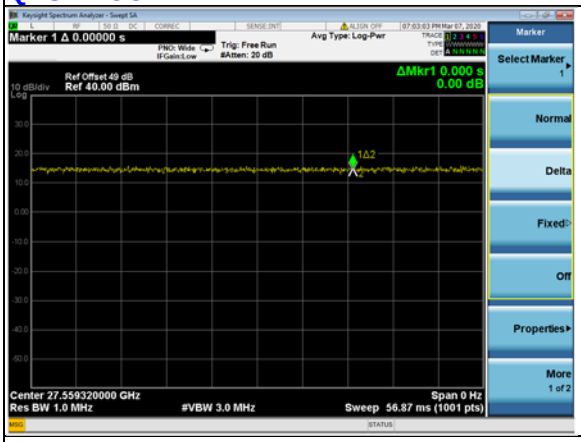
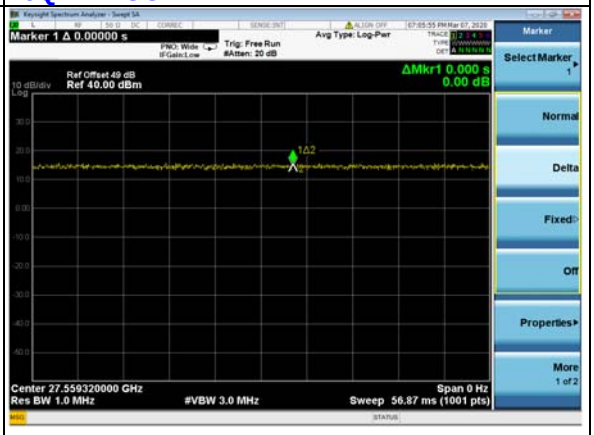
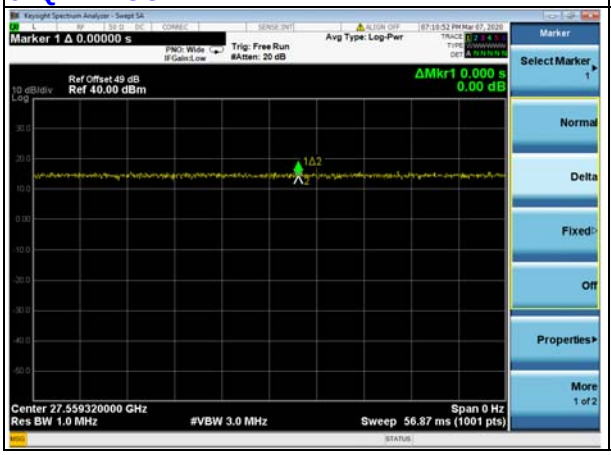
3.4 Test Setup

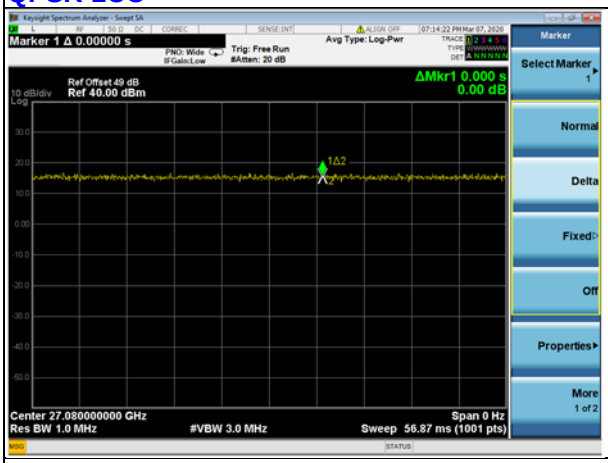
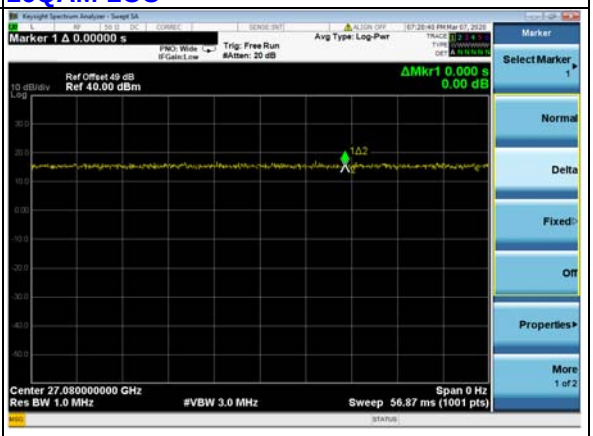
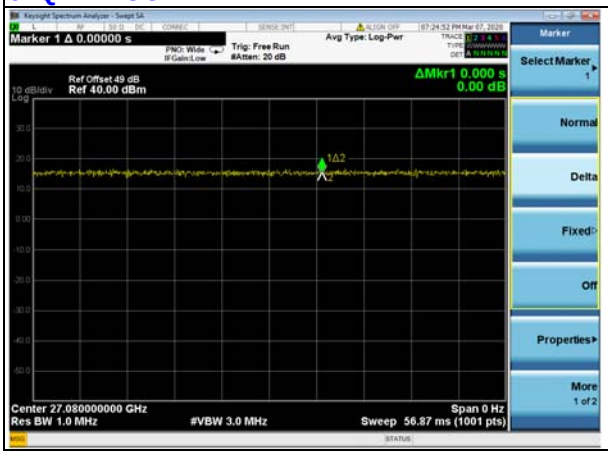
Mode A & Mode B

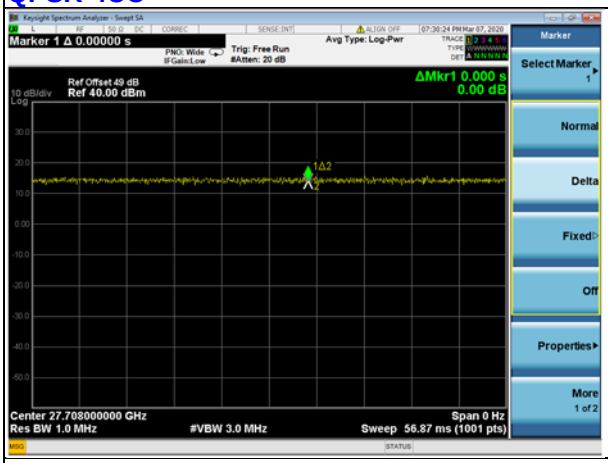
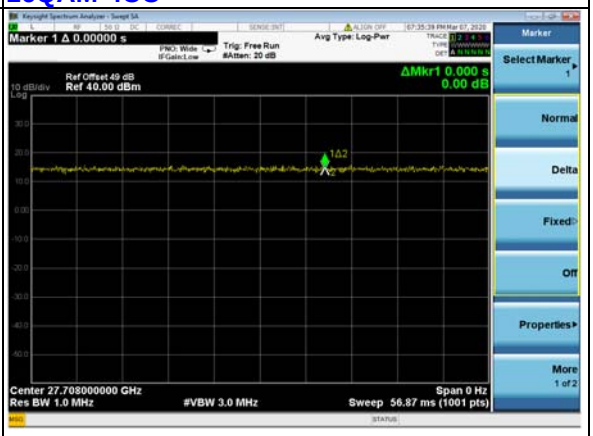
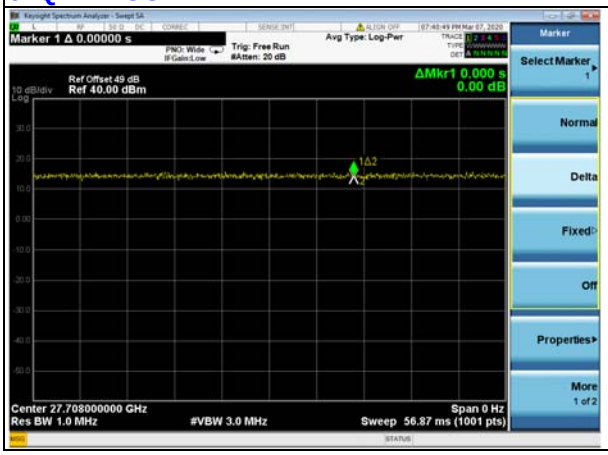


3.5 Duty Cycle of Test Signal

Duty cycle of test signal is 100 %.

Band n261	
QPSK-1CC	16QAM-1CC
	
64QAM-1CC	
	

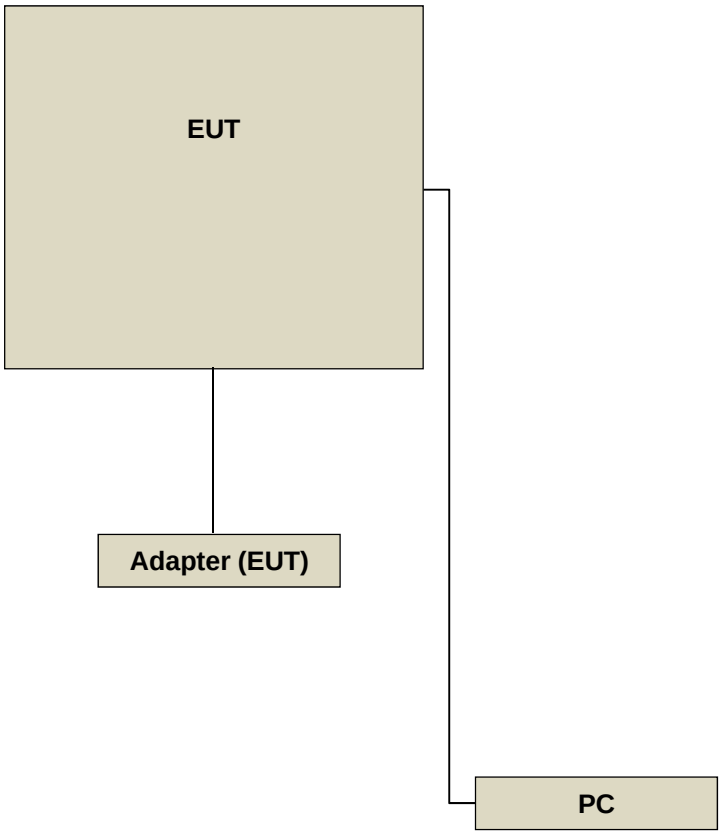
Band n261	
QPSK-2CC	16QAM-2CC
	
64QAM-2CC	
	

Band n261	
QPSK-4CC	16QAM-4CC
	
64QAM-4CC	
	

3.6 Description of Support Units

The EUT has been tested as an independent unit.

3.6.1 Configuration of System under Test



3.6.2 Test Instruments

For Below 40GHz and Frequency Stabillity

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESCI	100424	Dec. 31, 2019	Dec. 30, 2020
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100040	Sep. 23, 2019	Sep. 22, 2020
Spectrum Analyzer KEYSIGHT	N9030A	MY55330160	Feb. 18, 2020	Feb. 17, 2021
Spectrum Analyzer KEYSIGHT	N9030B	MY57140953	Jun. 28, 2019	Jun. 27, 2020
*Biconical antenna SCHWARZBECK	VHBB9124	9124-546	Jan. 14, 2019	Jan. 13, 2022
*LOG Antenna SCHWARZBECK	VUSLP 9111	9111-363	Jan. 14, 2019	Jan. 13, 2022
BILOG Antenna SCHWARZBECK	VULB9168	9168-155	Nov. 11, 2019	Nov. 10, 2020
HORN Antenna SCHWARZBECK	BBHA 9120D	9120D-1170	Nov. 24, 2019	Nov. 22, 2020
HORN Antenna ETS	3117	00034126	Nov. 24, 2019	Nov. 23, 2020
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 24, 2019	Nov. 23, 2020
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170243	Nov. 24, 2019	Nov. 23, 2020
Signal Generator	N5173B	MY53270724	Apr. 07, 2019	Apr. 06, 2020
Preamplifier (Below 1GHz) Agilent	8447D	2944A10631	Jul. 11, 2019	Jul. 10, 2020
Preamplifier (1GHz-18GHz) KEYSIGHT	83017A	MY53270295	Jun. 11, 2019	Jun. 10, 2020
Pre-amplifier (18GHz-40GHz) EMC	EMC184045B	980116	Oct. 08, 2019	Oct. 07, 2020
RF signal cable HUBER+SUHNER	SUCOFLEX 104	MY 13380+295012/04	Jun. 11, 2019	Jun. 10, 2020
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH4-03 (250724)	Jun. 11, 2019	Jun. 10, 2020
RF signal cable HUBER+SUHNER	EMC102-KM-KM-600	150928	Mar. 25, 2019	Mar. 24, 2020
RF signal cable HUBER+SUHNER	EMC102-KM-KM-3000	150929	Mar. 25, 2019	Mar. 24, 2020
RF signal cable Anritsu	LL403	2019010240002	Feb. 20, 2020	Feb. 19, 2021
RF signal cable Anritsu	LL403	2019010240001	Feb. 20, 2020	Feb. 19, 2021
RF signal cable Rosnal	K1K50-UP0279-K1K50-3000	181129-1	Oct. 08, 2019	Oct. 07, 2020
Software BV ADT	ADT_Radiated_V7.6.15.9.5	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	010303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021703	NA	NA
Turn Table BV ADT	TT100	TT93021703	NA	NA
Turn Table Controller BV ADT	SC100	SC93021703	NA	NA

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
WIT Standard Temperature And Humidity Chamber	TH-4S-C	W981030	Jun. 03, 2019	Jun. 02, 2020
JFW 20dB attenuation	50HF-020-SMA	NA	NA	NA
True RMS Clamp Meter Fluke	325	31130711WS	May 21, 2019	May 20, 2020

Note:
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. *The calibration interval of the above test instruments is 36 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in HwaYa Chamber 4

For Above 40GHz:

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer Keysight	N9030A	MY55330160	Feb. 07, 2020	Feb. 06, 2021
Spectrum Analyzer Keysight	N9030B	MY57140953	Jun. 28, 2019	Jun. 27, 2020
*Horn Antenna (33~55GHz) OML	M22RH	110215-1	Oct. 17, 2017	Oct. 16, 2020
*Horn Antenna (50~75GHz) OML	M15HWD	110215-1	Oct. 17, 2017	Oct. 16, 2020
*Horn Antenna(75~110GHz) OML	M10RH	110215-1	Oct. 17, 2017	Oct. 16, 2020
N9029AV15-DC9 - 50-75 GHz VDI Standard Downconverter with 9VDC supply Keysight	SA Extension WR15	SAX 381	CoC	CoC
N9029AV10-DC9 - 75-110 GHz VDI Standard Downconverter with 9VDC supply Keysight	SA Extension WR10	SAX 378	CoC	CoC
*Millimeter-Wave Signal Generator Frequency Extension Module (50~75 GHz) Keysight	E8257DV15	SGX 050	CoC	CoC
*Millimeter-Wave Signal Generator Frequency Extension Module (75~110 GHz) Keysight	E8257DV10	SGX 051	CoC	CoC
*Power meter Keysight	E4417A	MY55276004	Oct. 17, 2019	Oct. 16, 2022
*Waveguide Power Sensor Keysight	V8486A	MY55170003	Oct. 17, 2017	Oct. 16, 2020
*Waveguide Power Sensor Keysight	W8486A	MY55230006	Oct. 17, 2017	Oct. 16, 2020
Antenna Tower & Turn Table CT	NA	NA	NA	NA

Note:
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. *The calibration interval of the above test instruments is 36 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in HwaYa Chamber 4
4. C.O.C: Certificate of conformance

3.7 General Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 2

FCC 47 CFR Part 20

FCC 47 CFR Part 30

ANSI 63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

KDB 935210 D02 Signal Booster Certification v04r02

KDB 935210 D05 Indus Booster Basic Meas v01r03

Reference Test Guidance

KDB 662911 D01 Multiple Transmitter Output v02r01

KDB 662911 D02 MIMO with Cross Polarized Antenna v01

KDB 842590 D01 Upper Microwave Flexible Use Service v01

All test items have been performed and recorded as per the above standards.

4 Test Types and Results

4.1 Modulation characteristics

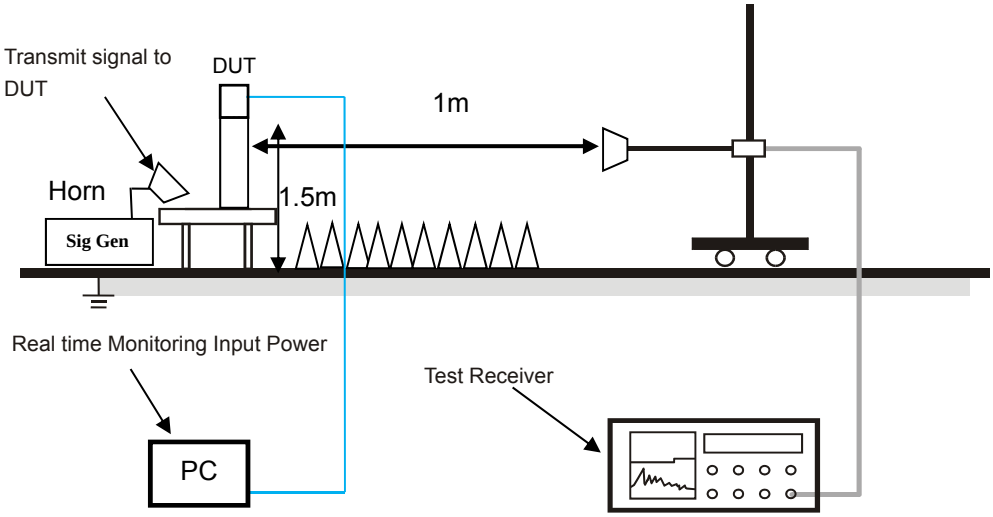
4.1.1 Limits of Modulation characteristics

N/A

4.1.2 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

4.1.3 Test Setup

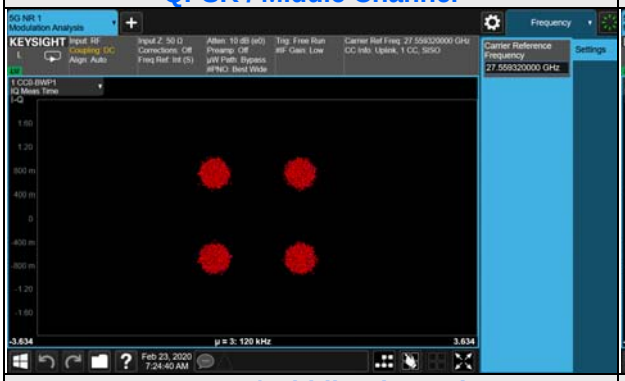
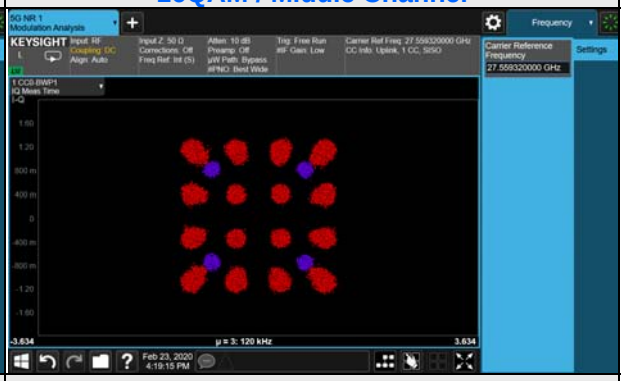
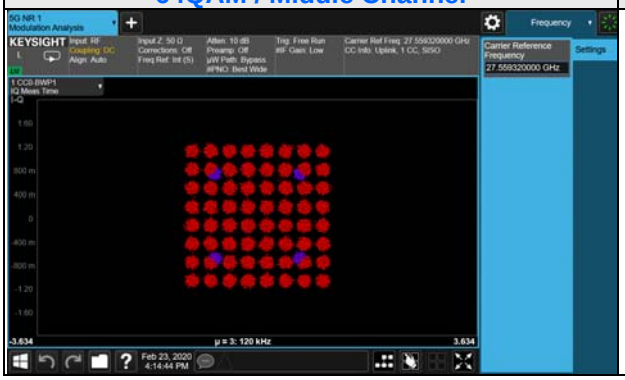


4.1.4 EUT Operating Conditions

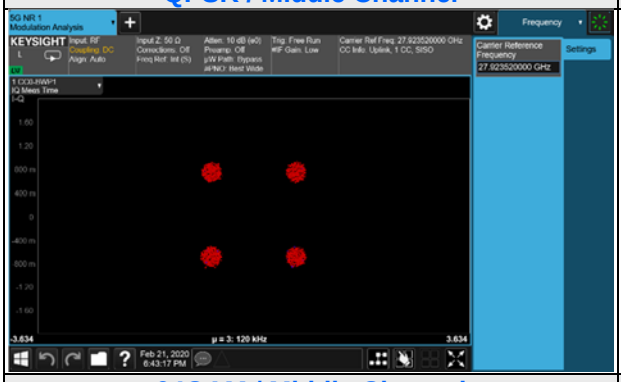
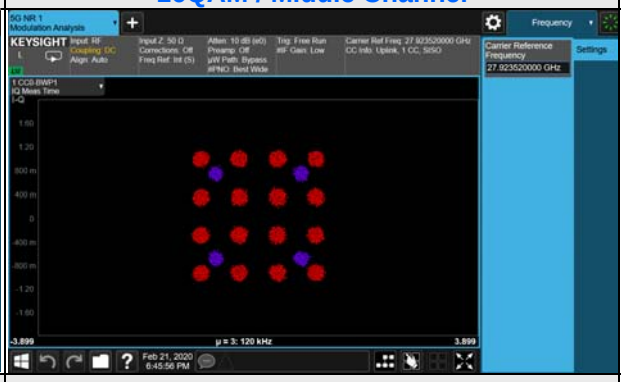
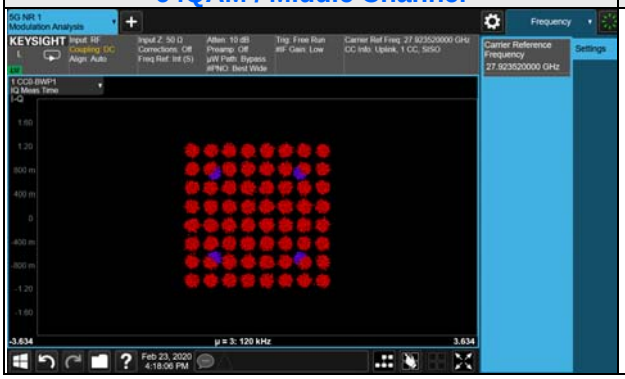
Refer to section 3.3 to get information of EUT operating conditions.

4.1.5 Test Results

Mode A

Band / n261	
QPSK / Middle Channel	16QAM / Middle Channel
	
64QAM / Middle Channel	
	

Mode B

Band / n261	
QPSK / Middle Channel	16QAM / Middle Channel
	
64QAM / Middle Channel	
	

4.2 AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain

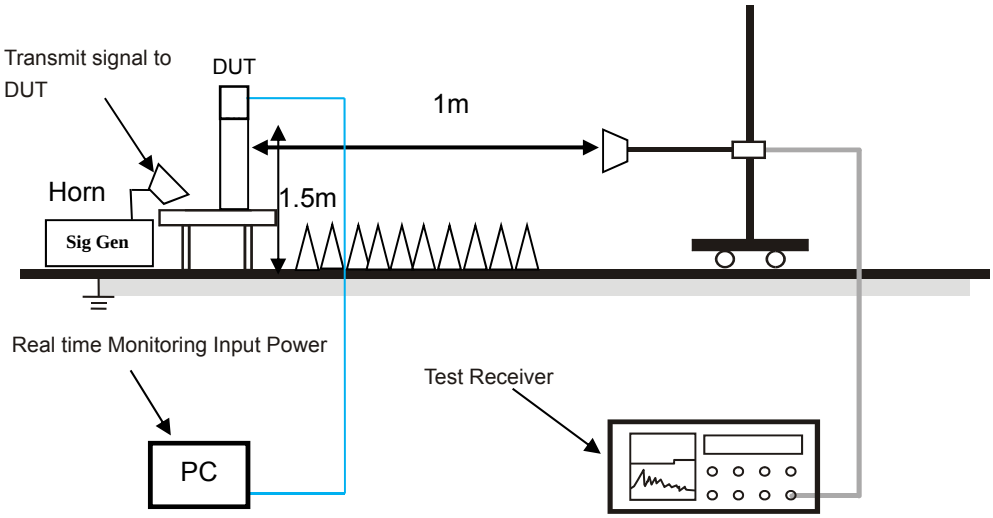
4.2.1 Limit of Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain

NA

4.2.2 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

4.2.3 Test Setup



4.2.4 Test Proceduce

KDB 935210 D05 V01R03 – Section 3.2 - Measuring AGC threshold level
KDB 935210 D05 V01R03 – Section 3.5 - Mean output power and amplifier/booster gain

A signal generator supplies a 5G NR mmWave signal radiated into the input side of the device. The output side of the EUT is radiated via horn (Rx) with signal analyzer. The AGC threshold level is measured by output power of the EUT until a 1dB increase in the input signal power no longer causes a 1dB increase in the output signal power. The Booster Gain is measured by calculating the gain between the input and the output power of the EUT at the signal generator level just below the AGC threshold level, but not more than 0.5dB below.

Test Settings
1. Output power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW ≥ 3 x RBW
4. Span = 2x to 3x the OBW
5. No. of sweep points > 2 x span / RBW
6. Detector = RMS
7. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
8. Trace mode = trace averaging (RMS) over 100 sweeps
9. The trace was allowed to stabilize

Test Notes
Per FCC guidance, a 100MHz 5G NR mmWave signal was used as the input signal as opposed to the 4.1MHz AWGN required in KDB 935210 D05.

4.2.5 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

4.2.6 Test Result

Mode A **(Horizontal)**

Bandwidth (MHz)	Frequency (MHz)	Channel	Modulation	RB Size	Signal Generator Level [dBm]	EUT Input Power Level (dBm)	Power [dBm]	Calculated Change in Output Power	Calculated gain(dB)
100	27923.52	Mid	QPSK	1 RB	-20	-62.97	15.82	-	78.79
100	27923.52	Mid	QPSK	1 RB	-19	-61.91	17.01	1.19	78.92
100	27923.52	Mid	QPSK	1 RB	-18	-61.03	18.02	1.01	79.05
100	27923.52	Mid	QPSK	1 RB	-17	-59.61	19.03	1.01	78.64
100	**27923.52**	**Mid**	**QPSK**	**1 RB**	**-16**	**-58.83**	**19.7**	**0.67**	**78.53**
100	27923.52	Mid	QPSK	1 RB	-15	-57.97	20.43	0.73	78.4
100	27923.52	Mid	QPSK	1 RB	-14	-56.84	21.05	0.62	77.89
100	27923.52	Mid	QPSK	1 RB	-13	-55.82	21.64	0.59	77.46

Bandwidth (MHz)	Frequency (MHz)	Channel	Modulation	RB Size	Signal Generator Level [dBm]	EUT Input Power Level (dBm)	Power [dBm]	Calculated Change in Output Power	Calculated gain(dB)
100	27923.52	Mid	QPSK	Full RB	-20	-62.27	16.95	-	79.22
100	27923.52	Mid	QPSK	Full RB	-19	-61.31	17.94	0.99	79.25
100	27923.52	Mid	QPSK	Full RB	-18	-60.39	18.98	1.04	79.37
100	27923.52	Mid	QPSK	Full RB	-17	-59.09	20.03	1.05	79.12
100	**27923.52**	**Mid**	**QPSK**	**Full RB**	**-16**	**-58.23**	**20.55**	**0.52**	**78.78**
100	27923.52	Mid	QPSK	Full RB	-15	-57.27	20.91	0.36	78.18
100	27923.52	Mid	QPSK	Full RB	-14	-56.2	21.43	0.52	77.63
100	27923.52	Mid	QPSK	Full RB	-13	-55.11	22.11	0.68	77.22

Mode A **(Vertical)**

Bandwidth (MHz)	Frequency (MHz)	Channel	Modulation	RB Size	Signal Generator Level [dBm]	EUT Input Power Level (dBm)	Power [dBm]	Calculated Change in Output Power	Calculated gain(dB)
100	27923.52	Mid	QPSK	1 RB	-20	-61.03	14.62	-	75.65
100	27923.52	Mid	QPSK	1 RB	-19	-59.61	15.65	1.03	75.26
100	27923.52	Mid	QPSK	1 RB	-18	-58.83	16.62	0.97	75.45
100	27923.52	Mid	QPSK	1 RB	-17	-57.97	17.71	1.09	75.68
100	**27923.52**	**Mid**	**QPSK**	**1 RB**	**-16**	**-56.84**	**18.21**	**0.5**	**75.05**
100	27923.52	Mid	QPSK	1 RB	-15	-55.82	18.68	0.47	74.5
100	27923.52	Mid	QPSK	1 RB	-14	-54.91	19.19	0.51	74.1
100	27923.52	Mid	QPSK	1 RB	-13	-53.89	19.56	0.37	73.45

Bandwidth (MHz)	Frequency (MHz)	Channel	Modulation	RB Size	Signal Generator Level [dBm]	EUT Input Power Level (dBm)	Power [dBm]	Calculated Change in Output Power	Calculated gain(dB)
100	27923.52	Mid	QPSK	Full RB	-20	-62.27	14.78	-	77.05
100	27923.52	Mid	QPSK	Full RB	-19	-61.31	15.76	0.98	77.07
100	27923.52	Mid	QPSK	Full RB	-18	-60.39	16.73	0.97	77.12
100	27923.52	Mid	QPSK	Full RB	-17	-59.09	17.75	1.02	76.84
100	**27923.52**	**Mid**	**QPSK**	**Full RB**	**-16**	**-58.23**	**18.53**	**0.78**	**76.76**
100	27923.52	Mid	QPSK	Full RB	-15	-57.27	19.31	0.78	76.58
100	27923.52	Mid	QPSK	Full RB	-14	-56.2	20.05	0.74	76.25
100	27923.52	Mid	QPSK	Full RB	-13	-55.11	20.4	0.35	75.51

Mode B **(Horizontal)**

Bandwidth (MHz)	Frequency (MHz)	Channel	Modulation	RB Size	Signal Generator Level [dBm]	EUT Input Power Level (dBm)	Power [dBm]	Calculated Change in Output Power	Calculated gain(dB)
100	27923.52	Mid	QPSK	1 RB	-15	-57.97	33.11	-	91.08
100	27923.52	Mid	QPSK	1 RB	-14	-56.84	34.14	1.03	90.98
100	27923.52	Mid	QPSK	1 RB	-13	-55.82	35.15	1.01	90.97
100	27923.52	Mid	QPSK	1 RB	-12	-54.84	36.16	1.01	91
100	**27923.52**	**Mid**	**QPSK**	**1 RB**	**-11**	**-53.87**	**36.76**	**0.6**	**90.63**
100	27923.52	Mid	QPSK	1 RB	-10	-52.89	37.23	0.47	90.12
100	27923.52	Mid	QPSK	1 RB	-9	-51.95	37.68	0.45	89.63
100	27923.52	Mid	QPSK	1 RB	-8	-51.03	38.14	0.46	89.17

Bandwidth (MHz)	Frequency (MHz)	Channel	Modulation	RB Size	Signal Generator Level [dBm]	EUT Input Power Level (dBm)	Power [dBm]	Calculated Change in Output Power	Calculated gain(dB)
100	27923.52	Mid	QPSK	Full RB	-15	-57.27	33.88	-	91.15
100	27923.52	Mid	QPSK	Full RB	-14	-56.2	34.86	0.98	91.06
100	27923.52	Mid	QPSK	Full RB	-13	-55.11	35.85	0.99	90.96
100	27923.52	Mid	QPSK	Full RB	-12	-54.24	36.89	1.04	91.13
100	**27923.52**	**Mid**	**QPSK**	**Full RB**	**-11**	**-53.26**	**37.51**	**0.62**	**90.77**
100	27923.52	Mid	QPSK	Full RB	-10	-52.22	38.38	0.87	90.6
100	27923.52	Mid	QPSK	Full RB	-9	-51.25	38.99	0.61	90.24
100	27923.52	Mid	QPSK	Full RB	-8	-50.36	39.7	0.71	90.06

Mode B **(Vertical)**

Bandwidth (MHz)	Frequency (MHz)	Channel	Modulation	RB Size	Signal Generator Level [dBm]	EUT Input Power Level (dBm)	Power [dBm]	Calculated Change in Output Power	Calculated gain(dB)
100	27923.52	Mid	QPSK	1 RB	-13	-53.87	33.53	-	87.4
100	27923.52	Mid	QPSK	1 RB	-12	-52.89	34.51	0.98	87.4
100	27923.52	Mid	QPSK	1 RB	-11	-51.95	35.59	1.08	87.54
100	27923.52	Mid	QPSK	1 RB	-10	-51.03	36.63	1.04	87.66
100	**27923.52**	**Mid**	**QPSK**	**1 RB**	**-9**	**-50.05**	**37.13**	**0.5**	**87.18**
100	27923.52	Mid	QPSK	1 RB	-8	-49.02	37.75	0.62	86.77
100	27923.52	Mid	QPSK	1 RB	-7	-47.99	38.29	0.54	86.28
100	27923.52	Mid	QPSK	1 RB	-6	-47.09	38.62	0.33	85.71

Bandwidth (MHz)	Frequency (MHz)	Channel	Modulation	RB Size	Signal Generator Level [dBm]	EUT Input Power Level (dBm)	Power [dBm]	Calculated Change in Output Power	Calculated gain(dB)
100	27923.52	Mid	QPSK	Full RB	-16	-56.2	30.96	-	87.16
100	27923.52	Mid	QPSK	Full RB	-15	-55.11	31.92	0.96	87.03
100	27923.52	Mid	QPSK	Full RB	-14	-54.24	32.93	1.01	87.17
100	27923.52	Mid	QPSK	Full RB	-13	-53.26	33.96	1.03	87.22
100	**27923.52**	**Mid**	**QPSK**	**Full RB**	**-12**	**-52.22**	**34.7**	**0.74**	**86.92**
100	27923.52	Mid	QPSK	Full RB	-11	-51.25	35.41	0.71	86.66
100	27923.52	Mid	QPSK	Full RB	-10	-50.36	36.29	0.88	86.65
100	27923.52	Mid	QPSK	Full RB	-9	-49.45	37.02	0.73	86.47

4.3 Equivalent Isotropic Radiated Power (EIRP) Measurement

4.3.1 Limits of EIRP Measurement

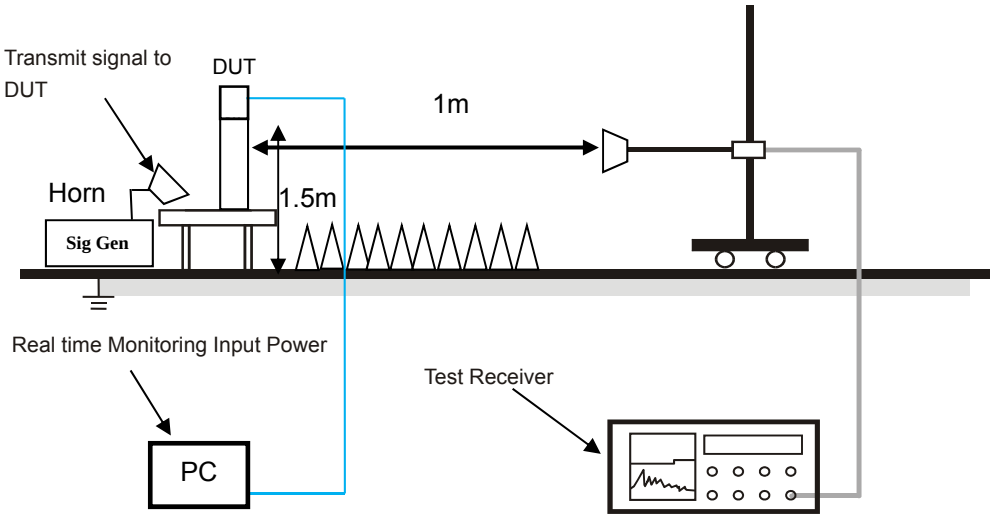
Device		Maximum Limit of EIRP
☐	Fixed and Base Stations	EIRP 75dBm/100MHz (sum of all antenna elements)
☐	Mobile Stations	EIRP 43dBm (sum of all antenna elements)
☒	Transportable Stations	EIRP 55dBm (sum of all antenna elements)

4.3.2 Test Instruments

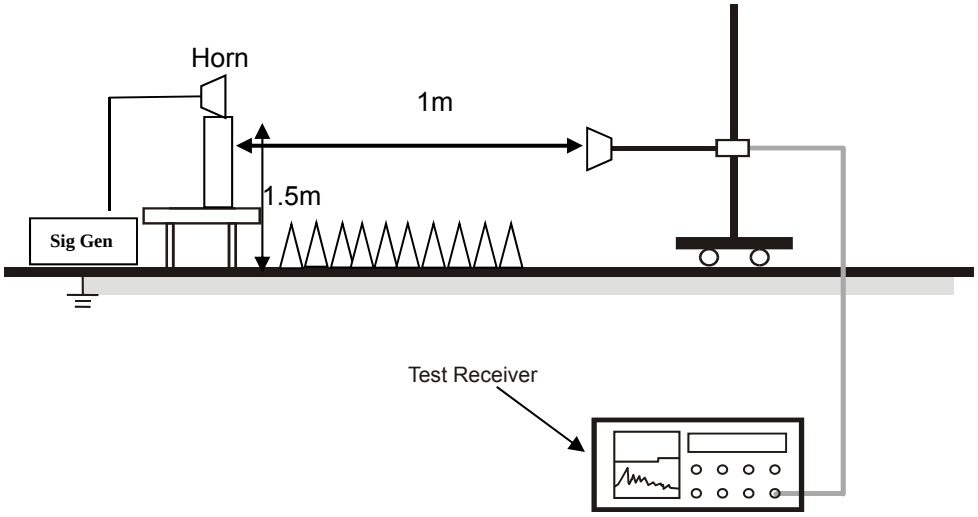
Refer to section 3.6.2 to get information of above instrument.

4.3.3 Test Setup

Test site-up for radiated ERP and/or EIRP measurements



Substitution method set-up for radiated emission



4.3.4 Test Procedures

a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.

b. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G

STEP 1: DUT emission amplitude level = Spec Analyzer Reading (X dbm)

STEP 2: Adjust SG so that SG + TX Cable Loss + TX ANT Gain + Free Space Path Loss + RX ANT Factor + RX Cable Loss = Spec Analyzer Reading (X dbm)

c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.

Note: Measurements were taken in the far field of the mm-Wave test signal based on the formula:
R ≥ (2D^2) / wavelength.

Measurement Distance

EUT antenna of far field distance (Mode A-Relay)		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
Below 18GHz	0.12m	3m
18GHz to 40GHz	0.27m	1m
40GHz to 50GHz	0.27m to 0.34m	1m
50GHz to 100GHz	0.34m to 0.68m	1m
Note: EUT Antenna Dimension 32mm length, 1mm thick and 18mm high.		
Measurement antenna of far field distance		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
40GHz-50GHz	30mm	1m
50GHz-75GHz	25mm	1m
75GHz-110GHz	18mm	1m
40GHz-50GHz: Antenna Dimension 56mm length, 42.5mm thick and 10mm high.		
50GHz-75GHz: Antenna Dimension 37.5mm length, 29mm thick and 6.7mm high.		
75GHz-110GHz: Antenna Dimension 25mm length, 20mm thick and 45.5mm high.		
EUT antenna of far field distance (Mode B-Donor)		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
Below 18GHz	0.3m	3m
18GHz to 40GHz	0.67m	1m
40GHz to 50GHz	0.67m to 0.83m	1m
50GHz to 100GHz	0.83m to 1.67m	2m
Note: EUT Antenna Dimension Donor Antenna: 50mm length, 1mm thick and 26mm high.		
Measurement antenna of far field distance		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
40GHz-50GHz	30mm	1m
50GHz-75GHz	25mm	2m
75GHz-110GHz	18mm	2m
40GHz-50GHz: Antenna Dimension 56mm length, 42.5mm thick and 10mm high.		
50GHz-75GHz: Antenna Dimension 37.5mm length, 29mm thick and 6.7mm high.		
75GHz-110GHz: Antenna Dimension 25mm length, 20mm thick and 45.5mm high.		

NOTE:
Test Instruments for above 18 GHz emission test
1. 18 GHz - 40 GHz: HORN Antenna(BBHA 9170) + Pre-Ammlifier(EMC 184045)
2. 40 GHz - 50 GHz: HORN Antenna(M22RH) + Ammlifier(LNA-22-22060)
3. 50 GHz - 75 GHz: HORN Antenna(M15HWD) + VDI Standard Downconverter
4. 75 GHz - 100 GHz: HORN Antenna(M10RH) + VDI Standard Downconverter

The emission test results as above listed are performed by different frequency bands respectively because the test instruments, that will make the emission trace non-continuously for these bands.

4.3.5 Test Settings

a. Radiated power measurements were performed using the spectrum analyzer's channel power measurement function.

b. Set the RBW =1~5% of the anticipated RBW=1MHz, and the VBW ≥ 3 x RBW.

c. Set spectrum analyzer detection mode to RMS

d. Span = 2x to 3x the OBW

e. No. of sweep points ≥ 2 x span / RBW

f. Trigger is set to "free run" for test signals with continuous operation with the sweep times set to "auto". Trigger is set to enable triggering only on full power bursts with the sweep time set less that or equal to the transmission burst duration.

g. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation. For signal with burst transmission, the "gating" function was enabled to ensure that measurements were performed during times in which the transmitter is operating at its maximum power.

h. Trace mode = trace averaging (RMS) over 100 sweeps.

i. The trace was allowed to stabilize.

j. For MIMO parameter:
The e.i.r.p of the H Beam and V Beam were first measured individually. The measured values were then summed in linear power units then converted back to dBm per the guidance of KDB 662911 D01 and D02.

MIMO e.i.r.p. = $e.i.r.p._H + e.i.r.p._V$

4.3.6 Deviation from Test Standard

No deviation.

4.3.7 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

4.3.8 Test Results

Mode A

Band	n261	Mode	Full Beam
EUT position / Antenna polarization	Z-plane / Horizontal	Receive Antenna polarization	Horizontal

QPSK-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-27.44	6.90	14.41	21.31	55	-33.69
		1RB32	-27.36	7.12	14.41	21.53	55	-33.47
		1RB65	-28.07	6.41	14.41	20.82	55	-34.18
		Full RB	-28.10	6.38	14.41	20.79	55	-34.21
2077891	27923.52	1RB0	-29.11	5.49	14.40	19.89	55	-35.11
		1RB32	-28.48	6.12	14.40	20.52	55	-34.48
		1RB65	-29.68	4.92	14.40	19.32	55	-35.68
		Full RB	-28.65	5.95	14.40	20.35	55	-34.65
2084035	28292.16	1RB0	-30.55	4.68	14.05	18.73	55	-36.27
		1RB32	-29.34	5.93	14.05	19.98	55	-35.02
		1RB65	-31.19	4.08	14.05	18.13	55	-36.87
		Full RB	-30.11	5.16	14.05	19.21	55	-35.79

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-28.01	6.47	14.41	20.88	55	-34.12
		1RB32	-27.68	6.80	14.41	21.21	55	-33.79
		1RB65	-28.40	6.08	14.41	20.49	55	-34.51
		Full RB	-28.41	6.07	14.41	20.48	55	-34.52
2077891	27923.52	1RB0	-29.58	5.02	14.40	19.42	55	-35.58
		1RB32	-29.39	5.21	14.40	19.61	55	-35.39
		1RB65	-30.12	4.48	14.40	18.88	55	-36.12
		Full RB	-29.18	5.42	14.40	19.82	55	-35.18
2084035	28292.16	1RB0	-31.05	4.22	14.05	18.27	55	-36.73
		1RB32	-29.83	5.44	14.05	19.49	55	-35.51
		1RB65	-31.54	3.73	14.05	17.78	55	-37.22
		Full RB	-30.42	4.85	14.05	18.90	55	-36.10

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-28.58	5.90	14.41	20.31	55	-34.69
		1RB32	-27.97	6.51	14.41	20.92	55	-34.08
		1RB65	-28.77	5.71	14.41	20.12	55	-34.88
		Full RB	-28.58	5.90	14.41	20.31	55	-34.69
2077891	27923.52	1RB0	-29.99	4.61	14.40	19.01	55	-35.99
		1RB32	-29.89	4.71	14.40	19.11	55	-35.89
		1RB65	-30.48	4.12	14.40	18.52	55	-36.48
		Full RB	-29.77	4.83	14.40	19.23	55	-35.77
2084035	28292.16	1RB0	-31.51	3.76	14.05	17.81	55	-37.19
		1RB32	-30.33	4.94	14.05	18.99	55	-36.01
		1RB65	-31.03	4.24	14.05	18.29	55	-36.71
		Full RB	-31.00	4.27	14.05	18.32	55	-36.68

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-26.56	6.93	14.41	21.34	55	-33.66
		1RB32	-26.58	7.05	14.41	21.46	55	-33.54
		1RB65	-27.28	6.35	14.41	20.76	55	-34.24
		Full RB	-27.13	6.50	14.41	20.91	55	-34.09
2077915	27924.96	1RB0	-28.05	5.70	14.40	20.10	55	-34.90
		1RB32	-27.83	5.92	14.40	20.32	55	-34.68
		1RB65	-28.13	5.62	14.40	20.02	55	-34.98
		Full RB	-28.17	5.58	14.40	19.98	55	-35.02
2083291	28247.52	1RB0	-29.10	5.28	14.05	19.33	55	-35.67
		1RB32	-29.05	5.37	14.05	19.42	55	-35.58
		1RB65	-29.27	5.15	14.05	19.20	55	-35.80
		Full RB	-29.35	5.07	14.05	19.12	55	-35.88

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-27.08	6.55	14.41	20.96	55	-34.04
		1RB32	-27.16	6.47	14.41	20.88	55	-34.12
		1RB65	-27.72	5.91	14.41	20.32	55	-34.68
		Full RB	-27.60	6.03	14.41	20.44	55	-34.56
2077915	27924.96	1RB0	-28.38	5.37	14.40	19.77	55	-35.23
		1RB32	-28.25	5.50	14.40	19.90	55	-35.10
		1RB65	-28.26	5.49	14.40	19.89	55	-35.11
		Full RB	-28.56	5.19	14.40	19.59	55	-35.41
2083291	28247.52	1RB0	-29.57	4.85	14.05	18.90	55	-36.10
		1RB32	-29.55	4.87	14.05	18.92	55	-36.08
		1RB65	-29.64	4.78	14.05	18.83	55	-36.17
		Full RB	-29.85	4.57	14.05	18.62	55	-36.38

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-27.50	6.13	14.41	20.54	55	-34.46
		1RB32	-27.61	6.02	14.41	20.43	55	-34.57
		1RB65	-28.27	5.36	14.41	19.77	55	-35.23
		Full RB	-28.12	5.51	14.41	19.92	55	-35.08
2077915	27924.96	1RB0	-28.86	4.89	14.40	19.29	55	-35.71
		1RB32	-28.72	5.03	14.40	19.43	55	-35.57
		1RB65	-28.83	4.92	14.40	19.32	55	-35.68
		Full RB	-29.11	4.64	14.40	19.04	55	-35.96
2083291	28247.52	1RB0	-30.08	4.34	14.05	18.39	55	-36.61
		1RB32	-30.03	4.39	14.05	18.44	55	-36.56
		1RB65	-30.13	4.29	14.05	18.34	55	-36.66
		Full RB	-30.33	4.09	14.05	18.14	55	-36.86

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-26.77	6.72	14.41	21.13	55	-33.87
		1RB32	-26.68	6.95	14.41	21.36	55	-33.64
		1RB65	-27.83	5.80	14.41	20.21	55	-34.79
		Full RB	-28.01	5.62	14.41	20.03	55	-34.97
2077941	27926.52	1RB0	-27.71	6.04	14.40	20.44	55	-34.56
		1RB32	-27.53	6.22	14.40	20.62	55	-34.38
		1RB65	-28.13	5.62	14.40	20.02	55	-34.98
		Full RB	-28.23	5.52	14.40	19.92	55	-35.08
2081515	28140.96	1RB0	-29.02	5.36	14.05	19.41	55	-35.59
		1RB32	-28.89	5.53	14.05	19.58	55	-35.42
		1RB65	-29.45	4.97	14.05	19.02	55	-35.98
		Full RB	-29.56	4.86	14.05	18.91	55	-36.09

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-27.92	5.71	14.41	20.12	55	-34.88
		1RB32	-27.76	5.87	14.41	20.28	55	-34.72
		1RB65	-28.27	5.36	14.41	19.77	55	-35.23
		Full RB	-28.40	5.23	14.41	19.64	55	-35.36
2077941	27926.52	1RB0	-28.23	5.52	14.40	19.92	55	-35.08
		1RB32	-28.02	5.73	14.40	20.13	55	-34.87
		1RB65	-28.43	5.32	14.40	19.72	55	-35.28
		Full RB	-28.72	5.03	14.40	19.43	55	-35.57
2081515	28140.96	1RB0	-29.54	4.88	14.05	18.93	55	-36.07
		1RB32	-29.36	5.06	14.05	19.11	55	-35.89
		1RB65	-29.88	4.54	14.05	18.59	55	-36.41
		Full RB	-30.08	4.34	14.05	18.39	55	-36.61

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-28.41	5.22	14.41	19.63	55	-35.37
		1RB32	-28.26	5.37	14.41	19.78	55	-35.22
		1RB65	-28.82	4.81	14.41	19.22	55	-35.78
		Full RB	-28.85	4.78	14.41	19.19	55	-35.81
2077941	27926.52	1RB0	-28.66	5.09	14.40	19.49	55	-35.51
		1RB32	-27.36	6.39	14.40	20.79	55	-34.21
		1RB65	-28.94	4.81	14.40	19.21	55	-35.79
		Full RB	-29.21	4.54	14.40	18.94	55	-36.06
2081515	28140.96	1RB0	-30.08	4.34	14.05	18.39	55	-36.61
		1RB32	-29.78	4.64	14.05	18.69	55	-36.31
		1RB65	-30.43	3.99	14.05	18.04	55	-36.96
		Full RB	-30.59	3.83	14.05	17.88	55	-37.12

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

Mode A

Band	n261	Mode	Full Beam
EUT position / Antenna polarization	Z-plane / Vertical	Receive Antenna polarization	Vertical

QPSK-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-28.09	6.39	14.41	20.80	55	-34.20
		1RB32	-27.79	6.69	14.41	21.10	55	-33.90
		1RB65	-28.52	5.96	14.41	20.37	55	-34.63
		Full RB	-28.07	6.41	14.41	20.82	55	-34.18
2077891	27923.52	1RB0	-28.28	6.32	14.40	20.72	55	-34.28
		1RB32	-27.90	6.70	14.40	21.10	55	-33.90
		1RB65	-29.98	4.62	14.40	19.02	55	-35.98
		Full RB	-28.12	6.48	14.40	20.88	55	-34.12
2084035	28292.16	1RB0	-28.79	6.48	14.05	20.53	55	-34.47
		1RB32	-27.84	7.43	14.05	21.48	55	-33.52
		1RB65	-31.07	4.20	14.05	18.25	55	-36.75
		Full RB	-28.49	6.78	14.05	20.83	55	-34.17

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-28.59	5.89	14.41	20.30	55	-34.70
		1RB32	-28.56	5.92	14.41	20.33	55	-34.67
		1RB65	-28.91	5.57	14.41	19.98	55	-35.02
		Full RB	-28.54	5.94	14.41	20.35	55	-34.65
2077891	27923.52	1RB0	-27.95	6.65	14.40	21.05	55	-33.95
		1RB32	-27.80	6.80	14.40	21.20	55	-33.80
		1RB65	-30.48	4.12	14.40	18.52	55	-36.48
		Full RB	-28.67	5.93	14.40	20.33	55	-34.67
2084035	28292.16	1RB0	-29.30	5.97	14.05	20.02	55	-34.98
		1RB32	-28.22	7.05	14.05	21.10	55	-33.90
		1RB65	-31.54	3.73	14.05	17.78	55	-37.22
		Full RB	-28.97	6.30	14.05	20.35	55	-34.65

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-29.00	5.48	14.41	19.89	55	-35.11
		1RB32	-28.90	5.58	14.41	19.99	55	-35.01
		1RB65	-29.39	5.09	14.41	19.50	55	-35.50
		Full RB	-29.00	5.48	14.41	19.89	55	-35.11
2077891	27923.52	1RB0	-28.11	6.49	14.40	20.89	55	-34.11
		1RB32	-29.11	5.49	14.40	19.89	55	-35.11
		1RB65	-30.91	3.69	14.40	18.09	55	-36.91
		Full RB	-29.10	5.50	14.40	19.90	55	-35.10
2084035	28292.16	1RB0	-28.54	6.73	14.05	20.78	55	-34.22
		1RB32	-28.51	6.76	14.05	20.81	55	-34.19
		1RB65	-31.80	3.47	14.05	17.52	55	-37.48
		Full RB	-29.45	5.82	14.05	19.87	55	-35.13

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-27.11	6.52	14.41	20.93	55	-34.07
		1RB32	-27.03	6.60	14.41	21.01	55	-33.99
		1RB65	-27.67	5.96	14.41	20.37	55	-34.63
		Full RB	-27.22	6.41	14.41	20.82	55	-34.18
2077915	27924.96	1RB0	-27.10	6.65	14.40	21.05	55	-33.95
		1RB32	-26.84	6.91	14.40	21.31	55	-33.69
		1RB65	-28.03	5.72	14.40	20.12	55	-34.88
		Full RB	-27.65	6.10	14.40	20.50	55	-34.50
2083291	28247.52	1RB0	-27.07	7.35	14.05	21.40	55	-33.60
		1RB32	-27.06	7.36	14.05	21.41	55	-33.59
		1RB65	-28.46	5.96	14.05	20.01	55	-34.99
		Full RB	-27.56	6.86	14.05	20.91	55	-34.09

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-27.60	6.03	14.41	20.44	55	-34.56
		1RB32	-27.48	6.15	14.41	20.56	55	-34.44
		1RB65	-28.22	5.41	14.41	19.82	55	-35.18
		Full RB	-27.70	5.93	14.41	20.34	55	-34.66
2077915	27924.96	1RB0	-27.53	6.22	14.40	20.62	55	-34.38
		1RB32	-27.33	6.42	14.40	20.82	55	-34.18
		1RB65	-28.53	5.22	14.40	19.62	55	-35.38
		Full RB	-28.13	5.62	14.40	20.02	55	-34.98
2083291	28247.52	1RB0	-27.55	6.87	14.05	20.92	55	-34.08
		1RB32	-27.48	6.94	14.05	20.99	55	-34.01
		1RB65	-28.84	5.58	14.05	19.63	55	-35.37
		Full RB	-28.03	6.39	14.05	20.44	55	-34.56

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-28.12	5.51	14.41	19.92	55	-35.08
		1RB32	-28.01	5.62	14.41	20.03	55	-34.97
		1RB65	-28.73	4.90	14.41	19.31	55	-35.69
		Full RB	-28.21	5.42	14.41	19.83	55	-35.17
2077915	27924.96	1RB0	-28.03	5.72	14.40	20.12	55	-34.88
		1RB32	-27.82	5.93	14.40	20.33	55	-34.67
		1RB65	-29.02	4.73	14.40	19.13	55	-35.87
		Full RB	-28.62	5.13	14.40	19.53	55	-35.47
2083291	28247.52	1RB0	-28.03	6.39	14.05	20.44	55	-34.56
		1RB32	-28.04	6.38	14.05	20.43	55	-34.57
		1RB65	-29.34	5.08	14.05	19.13	55	-35.87
		Full RB	-28.49	5.93	14.05	19.98	55	-35.02

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-26.89	6.74	14.41	21.15	55	-33.85
		1RB32	-26.70	6.93	14.41	21.34	55	-33.66
		1RB65	-27.09	6.54	14.41	20.95	55	-34.05
		Full RB	-27.29	6.34	14.41	20.75	55	-34.25
2077941	27926.52	1RB0	-26.90	6.85	14.40	21.25	55	-33.75
		1RB32	-26.90	6.85	14.40	21.25	55	-33.75
		1RB65	-27.23	6.52	14.40	20.92	55	-34.08
		Full RB	-27.72	6.03	14.40	20.43	55	-34.57
2081515	28140.96	1RB0	-27.32	7.10	14.05	21.15	55	-33.85
		1RB32	-27.18	7.24	14.05	21.29	55	-33.71
		1RB65	-27.42	7.00	14.05	21.05	55	-33.95
		Full RB	-27.87	6.55	14.05	20.60	55	-34.40

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-27.36	6.27	14.41	20.68	55	-34.32
		1RB32	-27.32	6.31	14.41	20.72	55	-34.28
		1RB65	-27.52	6.11	14.41	20.52	55	-34.48
		Full RB	-27.71	5.92	14.41	20.33	55	-34.67
2077941	27926.52	1RB0	-27.26	6.49	14.40	20.89	55	-34.11
		1RB32	-27.42	6.33	14.40	20.73	55	-34.27
		1RB65	-27.71	6.04	14.40	20.44	55	-34.56
		Full RB	-28.17	5.58	14.40	19.98	55	-35.02
2081515	28140.96	1RB0	-27.79	6.63	14.05	20.68	55	-34.32
		1RB32	-27.56	6.86	14.05	20.91	55	-34.09
		1RB65	-27.91	6.51	14.05	20.56	55	-34.44
		Full RB	-28.38	6.04	14.05	20.09	55	-34.91

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-27.85	5.78	14.41	20.19	55	-34.81
		1RB32	-27.76	5.87	14.41	20.28	55	-34.72
		1RB65	-28.03	5.60	14.41	20.01	55	-34.99
		Full RB	-28.15	5.48	14.41	19.89	55	-35.11
2077941	27926.52	1RB0	-27.82	5.93	14.40	20.33	55	-34.67
		1RB32	-27.76	5.99	14.40	20.39	55	-34.61
		1RB65	-28.14	5.61	14.40	20.01	55	-34.99
		Full RB	-28.66	5.09	14.40	19.49	55	-35.51
2081515	28140.96	1RB0	-28.28	6.14	14.05	20.19	55	-34.81
		1RB32	-27.99	6.43	14.05	20.48	55	-34.52
		1RB65	-28.28	6.14	14.05	20.19	55	-34.81
		Full RB	-28.69	5.73	14.05	19.78	55	-35.22

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

Mode A

Band	n261	Mode	Full Beam
EUT position / Antenna polarization	Z-plane / Vertical + Horizontal	Receive Antenna polarization	Vertical + Horizontal

1CC

Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	21.31	20.80	24.07
			1RB32	21.53	21.10	24.33
			1RB65	20.82	20.37	23.61
			Full RB	20.79	20.82	23.82
	2077891	27923.52	1RB0	19.89	20.72	23.34
			1RB32	20.52	21.10	23.83
			1RB65	19.32	19.02	22.18
			Full RB	20.35	20.88	23.63
	2084035	28292.16	1RB0	18.73	20.53	22.73
			1RB32	19.98	21.48	23.80
			1RB65	18.13	18.25	21.20
			Full RB	19.21	20.83	23.11
16QAM	2071821	27559.32	1RB0	20.88	20.30	23.61
			1RB32	21.21	20.33	23.80
			1RB65	20.49	19.98	23.25
			Full RB	20.48	20.35	23.43
	2077891	27923.52	1RB0	19.42	21.05	23.32
			1RB32	19.61	21.20	23.49
			1RB65	18.88	18.52	21.71
			Full RB	19.82	20.33	23.09
	2084035	28292.16	1RB0	18.27	20.02	22.24
			1RB32	19.49	21.10	23.38
			1RB65	17.78	17.78	20.79
			Full RB	18.90	20.35	22.70
64QAM	2071821	27559.32	1RB0	20.31	19.89	23.12
			1RB32	20.92	19.99	23.49
			1RB65	20.12	19.50	22.83
			Full RB	20.31	19.89	23.12
	2077891	27923.52	1RB0	19.01	20.89	23.06
			1RB32	19.11	19.89	22.53
			1RB65	18.52	18.09	21.32
			Full RB	19.23	19.90	22.59
	2084035	28292.16	1RB0	17.81	20.78	22.55
			1RB32	18.99	20.81	23.00
			1RB65	18.29	17.52	20.93
			Full RB	18.32	19.87	22.17

2CC

Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	21.34	20.93	24.15
			1RB32	21.46	21.01	24.25
			1RB65	20.76	20.37	23.58
			Full RB	20.91	20.82	23.88
	2077891	27923.52	1RB0	20.10	21.05	23.61
			1RB32	20.32	21.31	23.85
			1RB65	20.02	20.12	23.08
			Full RB	19.98	20.50	23.26
	2084035	28292.16	1RB0	19.33	21.40	23.50
			1RB32	19.42	21.41	23.54
			1RB65	19.20	20.01	22.63
			Full RB	19.12	20.91	23.12
16QAM	2071821	27559.32	1RB0	20.96	20.44	23.72
			1RB32	20.88	20.56	23.73
			1RB65	20.32	19.82	23.09
			Full RB	20.44	20.34	23.40
	2077891	27923.52	1RB0	19.77	20.62	23.23
			1RB32	19.90	20.82	23.39
			1RB65	19.89	19.62	22.77
			Full RB	19.59	20.02	22.82
	2084035	28292.16	1RB0	18.90	20.92	23.04
			1RB32	18.92	20.99	23.09
			1RB65	18.83	19.63	22.26
			Full RB	18.62	20.44	22.63
64QAM	2071821	27559.32	1RB0	20.54	19.92	23.25
			1RB32	20.43	20.03	23.24
			1RB65	19.77	19.31	22.56
			Full RB	19.92	19.83	22.89
	2077891	27923.52	1RB0	19.29	20.12	22.74
			1RB32	19.43	20.33	22.91
			1RB65	19.32	19.13	22.24
			Full RB	19.04	19.53	22.30
	2084035	28292.16	1RB0	18.39	20.44	22.55
			1RB32	18.44	20.43	22.56
			1RB65	18.34	19.13	21.76
			Full RB	18.14	19.98	22.17

4CC

Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	21.13	21.15	24.15
			1RB32	21.36	21.34	24.36
			1RB65	20.21	20.95	23.61
			Full RB	20.03	20.75	23.42
	2077891	27923.52	1RB0	20.44	21.25	23.87
			1RB32	20.62	21.25	23.96
			1RB65	20.02	20.92	23.50
			Full RB	19.92	20.43	23.19
	2084035	28292.16	1RB0	19.41	21.15	23.38
			1RB32	19.58	21.29	23.53
			1RB65	19.02	21.05	23.16
			Full RB	18.91	20.60	22.85
16QAM	2071821	27559.32	1RB0	20.12	20.68	23.42
			1RB32	20.28	20.72	23.52
			1RB65	19.77	20.52	23.17
			Full RB	19.64	20.33	23.01
	2077891	27923.52	1RB0	19.92	20.89	23.44
			1RB32	20.13	20.73	23.45
			1RB65	19.72	20.44	23.11
			Full RB	19.43	19.98	22.72
	2084035	28292.16	1RB0	18.93	20.68	22.90
			1RB32	19.11	20.91	23.11
			1RB65	18.59	20.56	22.70
			Full RB	18.39	20.09	22.33
64QAM	2071821	27559.32	1RB0	19.63	20.19	22.93
			1RB32	19.78	20.28	23.05
			1RB65	19.22	20.01	22.64
			Full RB	19.19	19.89	22.56
	2077891	27923.52	1RB0	19.49	20.33	22.94
			1RB32	20.79	20.39	23.60
			1RB65	19.21	20.01	22.64
			Full RB	18.94	19.49	22.23
	2084035	28292.16	1RB0	18.39	20.19	22.39
			1RB32	18.69	20.48	22.69
			1RB65	18.04	20.19	22.26
			Full RB	17.88	19.78	21.94

Mode B

Band	n261	Mode	Beam ID: 1
EUT position / Antenna polarization	Z-plane / Horizontal	Receive Antenna polarization	Horizontal

QPSK-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-11.93	22.41	14.41	36.82	55	-18.18
		1RB32	-11.57	22.91	14.41	37.32	55	-17.68
		1RB65	-11.77	22.71	14.41	37.12	55	-17.88
		Full RB	-11.65	22.83	14.41	37.24	55	-17.76
2077891	27923.52	1RB0	-11.98	22.62	14.40	37.02	55	-17.98
		1RB32	-11.44	23.16	14.40	37.56	55	-17.44
		1RB65	-11.89	22.71	14.40	37.11	55	-17.89
		Full RB	-11.20	23.40	14.40	37.80	55	-17.20
2084035	28292.16	1RB0	-15.18	20.05	14.05	34.10	55	-20.90
		1RB32	-14.67	20.60	14.05	34.65	55	-20.35
		1RB65	-14.72	20.55	14.05	34.60	55	-20.40
		Full RB	-14.79	20.48	14.05	34.53	55	-20.47

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-12.57	21.91	14.41	36.32	55	-18.68
		1RB32	-12.06	22.42	14.41	36.83	55	-18.17
		1RB65	-12.27	22.21	14.41	36.62	55	-18.38
		Full RB	-12.15	22.33	14.41	36.74	55	-18.26
2077891	27923.52	1RB0	-12.45	22.15	14.40	36.55	55	-18.45
		1RB32	-12.02	22.58	14.40	36.98	55	-18.02
		1RB65	-12.33	22.27	14.40	36.67	55	-18.33
		Full RB	-11.97	22.63	14.40	37.03	55	-17.97
2084035	28292.16	1RB0	-15.68	19.59	14.05	33.64	55	-21.36
		1RB32	-15.20	20.07	14.05	34.12	55	-20.88
		1RB65	-15.21	20.06	14.05	34.11	55	-20.89
		Full RB	-15.30	19.97	14.05	34.02	55	-20.98

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-12.96	21.52	14.41	35.93	55	-19.07
		1RB32	-12.56	21.92	14.41	36.33	55	-18.67
		1RB65	-12.75	21.73	14.41	36.14	55	-18.86
		Full RB	-12.60	21.88	14.41	36.29	55	-18.71
2077891	27923.52	1RB0	-12.95	21.65	14.40	36.05	55	-18.95
		1RB32	-12.55	22.05	14.40	36.45	55	-18.55
		1RB65	-12.86	21.74	14.40	36.14	55	-18.86
		Full RB	-12.47	22.13	14.40	36.53	55	-18.47
2084035	28292.16	1RB0	-16.13	19.14	14.05	33.19	55	-21.81
		1RB32	-15.62	19.65	14.05	33.70	55	-21.30
		1RB65	-15.71	19.56	14.05	33.61	55	-21.39
		Full RB	-15.80	19.47	14.05	33.52	55	-21.48

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-11.24	22.25	14.41	36.66	55	-18.34
		1RB32	-10.35	23.28	14.41	37.69	55	-17.31
		1RB65	-11.03	22.60	14.41	37.01	55	-17.99
		Full RB	-11.12	22.51	14.41	36.92	55	-18.08
2077915	27924.96	1RB0	-11.11	22.64	14.40	37.04	55	-17.96
		1RB32	-11.02	22.73	14.40	37.13	55	-17.87
		1RB65	-11.05	22.70	14.40	37.10	55	-17.90
		Full RB	-11.03	22.72	14.40	37.12	55	-17.88
2083291	28247.52	1RB0	-14.33	20.05	14.05	34.10	55	-20.90
		1RB32	-13.88	20.54	14.05	34.59	55	-20.41
		1RB65	-13.95	20.47	14.05	34.52	55	-20.48
		Full RB	-14.05	20.37	14.05	34.42	55	-20.58

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-11.88	21.75	14.41	36.16	55	-18.84
		1RB32	-10.83	22.80	14.41	37.21	55	-17.79
		1RB65	-11.51	22.12	14.41	36.53	55	-18.47
		Full RB	-11.60	22.03	14.41	36.44	55	-18.56
2077915	27924.96	1RB0	-11.60	22.15	14.40	36.55	55	-18.45
		1RB32	-11.52	22.23	14.40	36.63	55	-18.37
		1RB65	-11.54	22.21	14.40	36.61	55	-18.39
		Full RB	-11.55	22.20	14.40	36.60	55	-18.40
2083291	28247.52	1RB0	-14.85	19.57	14.05	33.62	55	-21.38
		1RB32	-14.38	20.04	14.05	34.09	55	-20.91
		1RB65	-14.46	19.96	14.05	34.01	55	-20.99
		Full RB	-14.58	19.84	14.05	33.89	55	-21.11

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-12.35	21.28	14.41	35.69	55	-19.31
		1RB32	-11.33	22.30	14.41	36.71	55	-18.29
		1RB65	-12.00	21.63	14.41	36.04	55	-18.96
		Full RB	-12.10	21.53	14.41	35.94	55	-19.06
2077915	27924.96	1RB0	-12.13	21.62	14.40	36.02	55	-18.98
		1RB32	-12.02	21.73	14.40	36.13	55	-18.87
		1RB65	-12.04	21.71	14.40	36.11	55	-18.89
		Full RB	-12.10	21.65	14.40	36.05	55	-18.95
2083291	28247.52	1RB0	-15.36	19.06	14.05	33.11	55	-21.89
		1RB32	-14.95	19.47	14.05	33.52	55	-21.48
		1RB65	-14.96	19.46	14.05	33.51	55	-21.49
		Full RB	-15.08	19.34	14.05	33.39	55	-21.61

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-11.19	22.30	14.41	36.71	55	-18.29
		1RB32	-10.52	23.11	14.41	37.52	55	-17.48
		1RB65	-11.21	22.42	14.41	36.83	55	-18.17
		Full RB	-11.23	22.40	14.41	36.81	55	-18.19
2077941	27926.52	1RB0	-11.20	22.55	14.40	36.95	55	-18.05
		1RB32	-10.71	23.04	14.40	37.44	55	-17.56
		1RB65	-10.75	23.00	14.40	37.40	55	-17.60
		Full RB	-10.86	22.89	14.40	37.29	55	-17.71
2081515	28140.96	1RB0	-14.21	20.17	14.05	34.22	55	-20.78
		1RB32	-14.08	20.34	14.05	34.39	55	-20.61
		1RB65	-14.08	20.34	14.05	34.39	55	-20.61
		Full RB	-13.78	20.64	14.05	34.69	55	-20.31

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-11.82	21.81	14.41	36.22	55	-18.78
		1RB32	-11.00	22.63	14.41	37.04	55	-17.96
		1RB65	-11.70	21.93	14.41	36.34	55	-18.66
		Full RB	-11.71	21.92	14.41	36.33	55	-18.67
2077941	27926.52	1RB0	-11.69	22.06	14.40	36.46	55	-18.54
		1RB32	-11.23	22.52	14.40	36.92	55	-18.08
		1RB65	-11.26	22.49	14.40	36.89	55	-18.11
		Full RB	-11.36	22.39	14.40	36.79	55	-18.21
2081515	28140.96	1RB0	-14.72	19.70	14.05	33.75	55	-21.25
		1RB32	-14.59	19.83	14.05	33.88	55	-21.12
		1RB65	-14.62	19.80	14.05	33.85	55	-21.15
		Full RB	-14.28	20.14	14.05	34.19	55	-20.81

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-12.33	21.30	14.41	35.71	55	-19.29
		1RB32	-11.50	22.13	14.41	36.54	55	-18.46
		1RB65	-12.20	21.43	14.41	35.84	55	-19.16
		Full RB	-12.21	21.42	14.41	35.83	55	-19.17
2077941	27926.52	1RB0	-12.19	21.56	14.40	35.96	55	-19.04
		1RB32	-11.73	22.02	14.40	36.42	55	-18.58
		1RB65	-11.77	21.98	14.40	36.38	55	-18.62
		Full RB	-11.90	21.85	14.40	36.25	55	-18.75
2081515	28140.96	1RB0	-15.23	19.19	14.05	33.24	55	-21.76
		1RB32	-15.08	19.34	14.05	33.39	55	-21.61
		1RB65	-15.09	19.33	14.05	33.38	55	-21.62
		Full RB	-14.79	19.63	14.05	33.68	55	-21.32

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

Mode B

Band	n261	Mode	Beam ID: 1
EUT position / Antenna polarization	Z-plane / Vertical	Receive Antenna polarization	Vertical

QPSK-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-11.96	22.52	14.41	36.93	55	-18.07
		1RB32	-11.67	22.81	14.41	37.22	55	-17.78
		1RB65	-11.79	22.69	14.41	37.10	55	-17.90
		Full RB	-13.85	20.63	14.41	35.04	55	-19.96
2077891	27923.52	1RB0	-11.35	23.25	14.40	37.65	55	-17.35
		1RB32	-10.88	23.72	14.40	38.12	55	-16.88
		1RB65	-11.04	23.56	14.40	37.96	55	-17.04
		Full RB	-13.80	20.80	14.40	35.20	55	-19.80
2084035	28292.16	1RB0	-12.41	22.86	14.05	36.91	55	-18.09
		1RB32	-12.33	22.94	14.05	36.99	55	-18.01
		1RB65	-13.84	21.43	14.05	35.48	55	-19.52
		Full RB	-14.58	20.69	14.05	34.74	55	-20.26

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-12.46	22.02	14.41	36.43	55	-18.57
		1RB32	-12.19	22.29	14.41	36.70	55	-18.30
		1RB65	-12.20	22.28	14.41	36.69	55	-18.31
		Full RB	-14.28	20.20	14.41	34.61	55	-20.39
2077891	27923.52	1RB0	-11.90	22.70	14.40	37.10	55	-17.90
		1RB32	-11.21	23.39	14.40	37.79	55	-17.21
		1RB65	-11.36	23.24	14.40	37.64	55	-17.36
		Full RB	-14.31	20.29	14.40	34.69	55	-20.31
2084035	28292.16	1RB0	-13.41	21.86	14.05	35.91	55	-19.09
		1RB32	-12.92	22.35	14.05	36.40	55	-18.60
		1RB65	-14.38	20.89	14.05	34.94	55	-20.06
		Full RB	-15.02	20.25	14.05	34.30	55	-20.70

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-12.97	21.51	14.41	35.92	55	-19.08
		1RB32	-12.71	21.77	14.41	36.18	55	-18.82
		1RB65	-12.72	21.76	14.41	36.17	55	-18.83
		Full RB	-14.79	19.69	14.41	34.10	55	-20.90
2077891	27923.52	1RB0	-12.33	22.27	14.40	36.67	55	-18.33
		1RB32	-11.68	22.92	14.40	37.32	55	-17.68
		1RB65	-11.70	22.90	14.40	37.30	55	-17.70
		Full RB	-14.86	19.74	14.40	34.14	55	-20.86
2084035	28292.16	1RB0	-13.87	21.40	14.05	35.45	55	-19.55
		1RB32	-13.70	21.57	14.05	35.62	55	-19.38
		1RB65	-14.92	20.35	14.05	34.40	55	-20.60
		Full RB	-15.32	19.95	14.05	34.00	55	-21.00

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-10.83	22.80	14.41	37.21	55	-17.79
		1RB32	-10.50	23.13	14.41	37.54	55	-17.46
		1RB65	-10.71	22.92	14.41	37.33	55	-17.67
		Full RB	-13.15	20.48	14.41	34.89	55	-20.11
2077915	27924.96	1RB0	-10.44	23.31	14.40	37.71	55	-17.29
		1RB32	-10.26	23.49	14.40	37.89	55	-17.11
		1RB65	-10.30	23.45	14.40	37.85	55	-17.15
		Full RB	-13.17	20.58	14.40	34.98	55	-20.02
2083291	28247.52	1RB0	-11.35	23.07	14.05	37.12	55	-17.88
		1RB32	-11.33	23.09	14.05	37.14	55	-17.86
		1RB65	-12.17	22.25	14.05	36.30	55	-18.70
		Full RB	-13.66	20.76	14.05	34.81	55	-20.19

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-11.33	22.30	14.41	36.71	55	-18.29
		1RB32	-11.01	22.62	14.41	37.03	55	-17.97
		1RB65	-11.22	22.41	14.41	36.82	55	-18.18
		Full RB	-13.68	19.95	14.41	34.36	55	-20.64
2077915	27924.96	1RB0	-10.91	22.84	14.40	37.24	55	-17.76
		1RB32	-10.57	23.18	14.40	37.58	55	-17.42
		1RB65	-10.69	23.06	14.40	37.46	55	-17.54
		Full RB	-13.66	20.09	14.40	34.49	55	-20.51
2083291	28247.52	1RB0	-11.81	22.61	14.05	36.66	55	-18.34
		1RB32	-11.76	22.66	14.05	36.71	55	-18.29
		1RB65	-12.69	21.73	14.05	35.78	55	-19.22
		Full RB	-14.08	20.34	14.05	34.39	55	-20.61

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-11.82	21.81	14.41	36.22	55	-18.78
		1RB32	-11.51	22.12	14.41	36.53	55	-18.47
		1RB65	-11.70	21.93	14.41	36.34	55	-18.66
		Full RB	-14.22	19.41	14.41	33.82	55	-21.18
2077915	27924.96	1RB0	-11.41	22.34	14.40	36.74	55	-18.26
		1RB32	-11.08	22.67	14.40	37.07	55	-17.93
		1RB65	-11.21	22.54	14.40	36.94	55	-18.06
		Full RB	-14.22	19.53	14.40	33.93	55	-21.07
2083291	28247.52	1RB0	-12.33	22.09	14.05	36.14	55	-18.86
		1RB32	-11.88	22.54	14.05	36.59	55	-18.41
		1RB65	-13.23	21.19	14.05	35.24	55	-19.76
		Full RB	-14.62	19.80	14.05	33.85	55	-21.15

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-10.18	23.45	14.41	37.86	55	-17.14
		1RB32	-10.15	23.48	14.41	37.89	55	-17.11
		1RB65	-10.45	23.18	14.41	37.59	55	-17.41
		Full RB	-13.21	20.42	14.41	34.83	55	-20.17
2077941	27926.52	1RB0	-10.41	23.34	14.40	37.74	55	-17.26
		1RB32	-10.33	23.42	14.40	37.82	55	-17.18
		1RB65	-11.12	22.63	14.40	37.03	55	-17.97
		Full RB	-13.21	20.54	14.40	34.94	55	-20.06
2081515	28140.96	1RB0	-10.96	23.46	14.05	37.51	55	-17.49
		1RB32	-10.68	23.74	14.05	37.79	55	-17.21
		1RB65	-11.58	22.84	14.05	36.89	55	-18.11
		Full RB	-14.21	20.21	14.05	34.26	55	-20.74

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-10.41	23.22	14.41	37.63	55	-17.37
		1RB32	-10.16	23.47	14.41	37.88	55	-17.12
		1RB65	-11.03	22.60	14.41	37.01	55	-17.99
		Full RB	-13.71	19.92	14.41	34.33	55	-20.67
2077941	27926.52	1RB0	-10.92	22.83	14.40	37.23	55	-17.77
		1RB32	-10.81	22.94	14.40	37.34	55	-17.66
		1RB65	-11.59	22.16	14.40	36.56	55	-18.44
		Full RB	-13.75	20.00	14.40	34.40	55	-20.60
2081515	28140.96	1RB0	-11.46	22.96	14.05	37.01	55	-17.99
		1RB32	-10.86	23.56	14.05	37.61	55	-17.39
		1RB65	-12.10	22.32	14.05	36.37	55	-18.63
		Full RB	-14.62	19.80	14.05	33.85	55	-21.15

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-10.90	22.73	14.41	37.14	55	-17.86
		1RB32	-10.68	22.95	14.41	37.36	55	-17.64
		1RB65	-11.44	22.19	14.41	36.60	55	-18.40
		Full RB	-14.16	19.47	14.41	33.88	55	-21.12
2077941	27926.52	1RB0	-11.35	22.40	14.40	36.80	55	-18.20
		1RB32	-11.31	22.44	14.40	36.84	55	-18.16
		1RB65	-12.05	21.70	14.40	36.10	55	-18.90
		Full RB	-14.24	19.51	14.40	33.91	55	-21.09
2081515	28140.96	1RB0	-11.82	22.60	14.05	36.65	55	-18.35
		1RB32	-11.82	22.60	14.05	36.65	55	-18.35
		1RB65	-12.27	22.15	14.05	36.20	55	-18.80
		Full RB	-15.06	19.36	14.05	33.41	55	-21.59

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

Mode B

Band	n261	Mode	Beam ID: 10
EUT position / Antenna polarization	Z-plane / Horizontal	Receive Antenna polarization	Horizontal

QPSK-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-11.73	22.61	14.41	37.02	55	-17.98
		1RB32	-11.35	23.13	14.41	37.54	55	-17.46
		1RB65	-11.55	22.93	14.41	37.34	55	-17.66
		Full RB	-11.43	23.05	14.41	37.46	55	-17.54
2077891	27923.52	1RB0	-11.79	22.81	14.40	37.21	55	-17.79
		1RB32	-11.23	23.37	14.40	37.77	55	-17.23
		1RB65	-11.66	22.94	14.40	37.34	55	-17.66
		Full RB	-14.36	20.24	14.40	34.64	55	-20.36
2084035	28292.16	1RB0	-14.93	20.30	14.05	34.35	55	-20.65
		1RB32	-14.50	20.77	14.05	34.82	55	-20.18
		1RB65	-14.54	20.73	14.05	34.78	55	-20.22
		Full RB	-14.55	20.72	14.05	34.77	55	-20.23

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-12.35	22.13	14.41	36.54	55	-18.46
		1RB32	-11.87	22.61	14.41	37.02	55	-17.98
		1RB65	-12.01	22.47	14.41	36.88	55	-18.12
		Full RB	-11.95	22.53	14.41	36.94	55	-18.06
2077891	27923.52	1RB0	-12.26	22.34	14.40	36.74	55	-18.26
		1RB32	-11.85	22.75	14.40	37.15	55	-17.85
		1RB65	-12.16	22.44	14.40	36.84	55	-18.16
		Full RB	-11.73	22.87	14.40	37.27	55	-17.73
2084035	28292.16	1RB0	-15.47	19.80	14.05	33.85	55	-21.15
		1RB32	-14.84	20.43	14.05	34.48	55	-20.52
		1RB65	-15.04	20.23	14.05	34.28	55	-20.72
		Full RB	-15.06	20.21	14.05	34.26	55	-20.74

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-12.85	21.63	14.41	36.04	55	-18.96
		1RB32	-12.28	22.20	14.41	36.61	55	-18.39
		1RB65	-12.51	21.97	14.41	36.38	55	-18.62
		Full RB	-12.45	22.03	14.41	36.44	55	-18.56
2077891	27923.52	1RB0	-12.77	21.83	14.40	36.23	55	-18.77
		1RB32	-12.35	22.25	14.40	36.65	55	-18.35
		1RB65	-12.66	21.94	14.40	36.34	55	-18.66
		Full RB	-12.23	22.37	14.40	36.77	55	-18.23
2084035	28292.16	1RB0	-15.83	19.44	14.05	33.49	55	-21.51
		1RB32	-15.34	19.93	14.05	33.98	55	-21.02
		1RB65	-15.54	19.73	14.05	33.78	55	-21.22
		Full RB	-15.55	19.72	14.05	33.77	55	-21.23

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-11.18	22.31	14.41	36.72	55	-18.28
		1RB32	-10.22	23.41	14.41	37.82	55	-17.18
		1RB65	-10.80	22.83	14.41	37.24	55	-17.76
		Full RB	-10.89	22.74	14.41	37.15	55	-17.85
2077915	27924.96	1RB0	-11.03	22.72	14.40	37.12	55	-17.88
		1RB32	-10.86	22.89	14.40	37.29	55	-17.71
		1RB65	-10.91	22.84	14.40	37.24	55	-17.76
		Full RB	-10.94	22.81	14.40	37.21	55	-17.79
2083291	28247.52	1RB0	-14.22	20.16	14.05	34.21	55	-20.79
		1RB32	-13.75	20.67	14.05	34.72	55	-20.28
		1RB65	-13.81	20.61	14.05	34.66	55	-20.34
		Full RB	-13.88	20.54	14.05	34.59	55	-20.41

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-11.83	21.80	14.41	36.21	55	-18.79
		1RB32	-10.73	22.90	14.41	37.31	55	-17.69
		1RB65	-11.33	22.30	14.41	36.71	55	-18.29
		Full RB	-11.39	22.24	14.41	36.65	55	-18.35
2077915	27924.96	1RB0	-11.53	22.22	14.40	36.62	55	-18.38
		1RB32	-11.36	22.39	14.40	36.79	55	-18.21
		1RB65	-11.44	22.31	14.40	36.71	55	-18.29
		Full RB	-11.54	22.21	14.40	36.61	55	-18.39
2083291	28247.52	1RB0	-14.76	19.66	14.05	33.71	55	-21.29
		1RB32	-15.24	19.18	14.05	33.23	55	-21.77
		1RB65	-14.32	20.10	14.05	34.15	55	-20.85
		Full RB	-14.38	20.04	14.05	34.09	55	-20.91

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-12.27	21.36	14.41	35.77	55	-19.23
		1RB32	-11.22	22.41	14.41	36.82	55	-18.18
		1RB65	-11.83	21.80	14.41	36.21	55	-18.79
		Full RB	-11.89	21.74	14.41	36.15	55	-18.85
2077915	27924.96	1RB0	-12.03	21.72	14.40	36.12	55	-18.88
		1RB32	-11.86	21.89	14.40	36.29	55	-18.71
		1RB65	-11.93	21.82	14.40	36.22	55	-18.78
		Full RB	-12.01	21.74	14.40	36.14	55	-18.86
2083291	28247.52	1RB0	-15.21	19.21	14.05	33.26	55	-21.74
		1RB32	-15.68	18.74	14.05	32.79	55	-22.21
		1RB65	-14.78	19.64	14.05	33.69	55	-21.31
		Full RB	-14.89	19.53	14.05	33.58	55	-21.42

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-11.06	22.43	14.41	36.84	55	-18.16
		1RB32	-10.38	23.25	14.41	37.66	55	-17.34
		1RB65	-11.10	22.53	14.41	36.94	55	-18.06
		Full RB	-11.16	22.47	14.41	36.88	55	-18.12
2077941	27926.52	1RB0	-11.12	22.63	14.40	37.03	55	-17.97
		1RB32	-10.56	23.19	14.40	37.59	55	-17.41
		1RB65	-10.65	23.10	14.40	37.50	55	-17.50
		Full RB	-10.74	23.01	14.40	37.41	55	-17.59
2081515	28140.96	1RB0	-14.04	20.34	14.05	34.39	55	-20.61
		1RB32	-14.04	20.38	14.05	34.43	55	-20.57
		1RB65	-13.96	20.46	14.05	34.51	55	-20.49
		Full RB	-13.70	20.72	14.05	34.77	55	-20.23

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-11.69	21.94	14.41	36.35	55	-18.65
		1RB32	-10.86	22.77	14.41	37.18	55	-17.82
		1RB65	-11.60	22.03	14.41	36.44	55	-18.56
		Full RB	-11.66	21.97	14.41	36.38	55	-18.62
2077941	27926.52	1RB0	-11.62	22.13	14.40	36.53	55	-18.47
		1RB32	-11.07	22.68	14.40	37.08	55	-17.92
		1RB65	-11.17	22.58	14.40	36.98	55	-18.02
		Full RB	-11.22	22.53	14.40	36.93	55	-18.07
2081515	28140.96	1RB0	-14.61	19.81	14.05	33.86	55	-21.14
		1RB32	-14.55	19.87	14.05	33.92	55	-21.08
		1RB65	-14.41	20.01	14.05	34.06	55	-20.94
		Full RB	-14.18	20.24	14.05	34.29	55	-20.71

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-12.19	21.44	14.41	35.85	55	-19.15
		1RB32	-11.36	22.27	14.41	36.68	55	-18.32
		1RB65	-11.10	22.53	14.41	36.94	55	-18.06
		Full RB	-12.20	21.43	14.41	35.84	55	-19.16
2077941	27926.52	1RB0	-12.10	21.65	14.40	36.05	55	-18.95
		1RB32	-11.56	22.19	14.40	36.59	55	-18.41
		1RB65	-11.67	22.08	14.40	36.48	55	-18.52
		Full RB	-11.69	22.06	14.40	36.46	55	-18.54
2081515	28140.96	1RB0	-15.12	19.30	14.05	33.35	55	-21.65
		1RB32	-15.05	19.37	14.05	33.42	55	-21.58
		1RB65	-15.08	19.34	14.05	33.39	55	-21.61
		Full RB	-14.68	19.74	14.05	33.79	55	-21.21

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

Mode B

Band	n261	Mode	Beam ID: 10
EUT position / Antenna polarization	Z-plane / Vertical	Receive Antenna polarization	Vertical

QPSK-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-12.07	22.41	14.41	36.82	55	-18.18
		1RB32	-11.77	22.71	14.41	37.12	55	-17.88
		1RB65	-11.88	22.60	14.41	37.01	55	-17.99
		Full RB	-13.95	20.53	14.41	34.94	55	-20.06
2077891	27923.52	1RB0	-11.49	23.11	14.40	37.51	55	-17.49
		1RB32	-10.69	23.91	14.40	38.31	55	-16.69
		1RB65	-10.94	23.66	14.40	38.06	55	-16.94
		Full RB	-13.96	20.64	14.40	35.04	55	-19.96
2084035	28292.16	1RB0	-12.52	22.75	14.05	36.80	55	-18.20
		1RB32	-12.60	22.67	14.05	36.72	55	-18.28
		1RB65	-13.94	21.33	14.05	35.38	55	-19.62
		Full RB	-14.73	20.54	14.05	34.59	55	-20.41

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-12.57	21.91	14.41	36.32	55	-18.68
		1RB32	-12.30	22.18	14.41	36.59	55	-18.41
		1RB65	-12.38	22.10	14.41	36.51	55	-18.49
		Full RB	-14.47	20.01	14.41	34.42	55	-20.58
2077891	27923.52	1RB0	-11.99	22.61	14.40	37.01	55	-17.99
		1RB32	-11.15	23.45	14.40	37.85	55	-17.15
		1RB65	-11.24	23.36	14.40	37.76	55	-17.24
		Full RB	-14.41	20.19	14.40	34.59	55	-20.41
2084035	28292.16	1RB0	-13.01	22.26	14.05	36.31	55	-18.69
		1RB32	-13.09	22.18	14.05	36.23	55	-18.77
		1RB65	-14.43	20.84	14.05	34.89	55	-20.11
		Full RB	-15.30	19.97	14.05	34.02	55	-20.98

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-1CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2071821	27559.32	1RB0	-13.07	21.41	14.41	35.82	55	-19.18
		1RB32	-12.80	21.68	14.41	36.09	55	-18.91
		1RB65	-12.85	21.63	14.41	36.04	55	-18.96
		Full RB	-14.95	19.53	14.41	33.94	55	-21.06
2077891	27923.52	1RB0	-12.38	22.22	14.40	36.62	55	-18.38
		1RB32	-11.45	23.15	14.40	37.55	55	-17.45
		1RB65	-11.63	22.97	14.40	37.37	55	-17.63
		Full RB	-14.92	19.68	14.40	34.08	55	-20.92
2084035	28292.16	1RB0	-13.48	21.79	14.05	35.84	55	-19.16
		1RB32	-13.80	21.47	14.05	35.52	55	-19.48
		1RB65	-14.93	20.34	14.05	34.39	55	-20.61
		Full RB	-15.50	19.77	14.05	33.82	55	-21.18

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-10.93	22.70	14.41	37.11	55	-17.89
		1RB32	-10.69	22.94	14.41	37.35	55	-17.65
		1RB65	-10.82	22.81	14.41	37.22	55	-17.78
		Full RB	-13.32	20.31	14.41	34.72	55	-20.28
2077915	27924.96	1RB0	-10.56	23.19	14.40	37.59	55	-17.41
		1RB32	-10.17	23.58	14.40	37.98	55	-17.02
		1RB65	-10.31	23.44	14.40	37.84	55	-17.16
		Full RB	-13.33	20.42	14.40	34.82	55	-20.18
2083291	28247.52	1RB0	-11.45	22.97	14.05	37.02	55	-17.98
		1RB32	-11.38	23.04	14.05	37.09	55	-17.91
		1RB65	-12.26	22.16	14.05	36.21	55	-18.79
		Full RB	-13.77	20.65	14.05	34.70	55	-20.30

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-11.43	22.20	14.41	36.61	55	-18.39
		1RB32	-11.16	22.47	14.41	36.88	55	-18.12
		1RB65	-11.32	22.31	14.41	36.72	55	-18.28
		Full RB	-13.79	19.84	14.41	34.25	55	-20.75
2077915	27924.96	1RB0	-11.10	22.65	14.40	37.05	55	-17.95
		1RB32	-10.69	23.06	14.40	37.46	55	-17.54
		1RB65	-10.81	22.94	14.40	37.34	55	-17.66
		Full RB	-13.82	19.93	14.40	34.33	55	-20.67
2083291	28247.52	1RB0	-11.93	22.49	14.05	36.54	55	-18.46
		1RB32	-11.89	22.53	14.05	36.58	55	-18.42
		1RB65	-11.75	22.67	14.05	36.72	55	-18.28
		Full RB	-14.27	20.15	14.05	34.20	55	-20.80

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-2CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2072613	27606.84	1RB0	-11.92	21.71	14.41	36.12	55	-18.88
		1RB32	-11.66	21.97	14.41	36.38	55	-18.62
		1RB65	-11.82	21.81	14.41	36.22	55	-18.78
		Full RB	-14.29	19.34	14.41	33.75	55	-21.25
2077915	27924.96	1RB0	-11.56	22.19	14.40	36.59	55	-18.41
		1RB32	-11.17	22.58	14.40	36.98	55	-18.02
		1RB65	-11.31	22.44	14.40	36.84	55	-18.16
		Full RB	-14.32	19.43	14.40	33.83	55	-21.17
2083291	28247.52	1RB0	-12.42	22.00	14.05	36.05	55	-18.95
		1RB32	-12.39	22.03	14.05	36.08	55	-18.92
		1RB65	-12.25	22.17	14.05	36.22	55	-18.78
		Full RB	-14.77	19.65	14.05	33.70	55	-21.30

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

QPSK-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-10.17	23.46	14.41	37.87	55	-17.13
		1RB32	-10.11	23.52	14.41	37.93	55	-17.07
		1RB65	-10.62	23.01	14.41	37.42	55	-17.58
		Full RB	-13.33	20.30	14.41	34.71	55	-20.29
2077941	27926.52	1RB0	-10.53	23.22	14.40	37.62	55	-17.38
		1RB32	-10.45	23.30	14.40	37.70	55	-17.30
		1RB65	-11.22	22.53	14.40	36.93	55	-18.07
		Full RB	-13.33	20.42	14.40	34.82	55	-20.18
2081515	28140.96	1RB0	-11.04	23.38	14.05	37.43	55	-17.57
		1RB32	-10.84	23.58	14.05	37.63	55	-17.37
		1RB65	-11.69	22.73	14.05	36.78	55	-18.22
		Full RB	-14.36	20.06	14.05	34.11	55	-20.89

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

16QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-10.42	23.21	14.41	37.62	55	-17.38
		1RB32	-10.48	23.15	14.41	37.56	55	-17.44
		1RB65	-11.11	22.52	14.41	36.93	55	-18.07
		Full RB	-13.78	19.85	14.41	34.26	55	-20.74
2077941	27926.52	1RB0	-11.01	22.74	14.40	37.14	55	-17.86
		1RB32	-10.93	22.82	14.40	37.22	55	-17.78
		1RB65	-11.72	22.03	14.40	36.43	55	-18.57
		Full RB	-13.83	19.92	14.40	34.32	55	-20.68
2081515	28140.96	1RB0	-11.54	22.88	14.05	36.93	55	-18.07
		1RB32	-11.34	23.08	14.05	37.13	55	-17.87
		1RB65	-12.19	22.23	14.05	36.28	55	-18.72
		Full RB	-14.86	19.56	14.05	33.61	55	-21.39

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

64QAM-4CC

Channel No.	Freq. (MHz)	RB Condition	Spectrum Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2074197	27701.88	1RB0	-10.92	22.71	14.41	37.12	55	-17.88
		1RB32	-10.98	22.65	14.41	37.06	55	-17.94
		1RB65	-11.61	22.02	14.41	36.43	55	-18.57
		Full RB	-14.28	19.35	14.41	33.76	55	-21.24
2077941	27926.52	1RB0	-11.51	22.24	14.40	36.64	55	-18.36
		1RB32	-11.43	22.32	14.40	36.72	55	-18.28
		1RB65	-12.22	21.53	14.40	35.93	55	-19.07
		Full RB	-14.33	19.42	14.40	33.82	55	-21.18
2081515	28140.96	1RB0	-12.02	22.40	14.05	36.45	55	-18.55
		1RB32	-11.86	22.56	14.05	36.61	55	-18.39
		1RB65	-12.75	21.67	14.05	35.72	55	-19.28
		Full RB	-15.28	19.14	14.05	33.19	55	-21.81

Remarks:
1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

Mode B

Band	n261	Beam ID	1
EUT position / Antenna polarization	Z-plane / Horizontal + Vertical	Receive Antenna polarization	Horizontal + Vertical

1CC

Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	36.82	36.93	39.89
			1RB32	37.32	37.22	40.28
			1RB65	37.12	37.10	40.12
			Full RB	37.24	35.04	39.29
	2077891	27923.52	1RB0	37.02	37.65	40.36
			1RB32	37.56	38.12	40.86
			1RB65	37.11	37.96	40.57
			Full RB	37.80	35.20	39.70
	2084035	28292.16	1RB0	34.10	36.91	38.74
			1RB32	34.65	36.99	38.99
			1RB65	34.60	35.48	38.07
			Full RB	34.53	34.74	37.65
16QAM	2071821	27559.32	1RB0	36.32	36.43	39.39
			1RB32	36.83	36.70	39.78
			1RB65	36.62	36.69	39.67
			Full RB	36.74	34.61	38.81
	2077891	27923.52	1RB0	36.55	37.10	39.84
			1RB32	36.98	37.79	40.41
			1RB65	36.67	37.64	40.19
			Full RB	37.03	34.69	39.03
	2084035	28292.16	1RB0	33.64	35.91	37.93
			1RB32	34.12	36.40	38.42
			1RB65	34.11	34.94	37.56
			Full RB	34.02	34.30	37.17
64QAM	2071821	27559.32	1RB0	35.93	35.92	38.94
			1RB32	36.33	36.18	39.27
			1RB65	36.14	36.17	39.17
			Full RB	36.29	34.10	38.34
	2077891	27923.52	1RB0	36.05	36.67	39.38
			1RB32	36.45	37.32	39.92
			1RB65	36.14	37.30	39.77
			Full RB	36.53	34.14	38.51
	2084035	28292.16	1RB0	33.19	35.45	37.48
			1RB32	33.70	35.62	37.78
			1RB65	33.61	34.40	37.03
			Full RB	33.52	34.00	36.78

2CC

Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	36.66	37.21	39.95
			1RB32	37.69	37.54	40.63
			1RB65	37.01	37.33	40.18
			Full RB	36.92	34.89	39.03
	2077891	27923.52	1RB0	37.04	37.71	40.40
			1RB32	37.13	37.89	40.54
			1RB65	37.10	37.85	40.50
			Full RB	37.12	34.98	39.19
	2084035	28292.16	1RB0	34.10	37.12	38.88
			1RB32	34.59	37.14	39.06
			1RB65	34.52	36.30	38.51
			Full RB	34.42	34.81	37.63
16QAM	2071821	27559.32	1RB0	36.16	36.71	39.45
			1RB32	37.21	37.03	40.13
			1RB65	36.53	36.82	39.69
			Full RB	36.44	34.36	38.53
	2077891	27923.52	1RB0	36.55	37.24	39.92
			1RB32	36.63	37.58	40.14
			1RB65	36.61	37.46	40.07
			Full RB	36.60	34.49	38.68
	2084035	28292.16	1RB0	33.62	36.66	38.41
			1RB32	34.09	36.71	38.60
			1RB65	34.01	35.78	37.99
			Full RB	33.89	34.39	37.16
64QAM	2071821	27559.32	1RB0	35.69	36.22	38.97
			1RB32	36.71	36.53	39.63
			1RB65	36.04	36.34	39.20
			Full RB	35.94	33.82	38.02
	2077891	27923.52	1RB0	36.02	36.74	39.41
			1RB32	36.13	37.07	39.64
			1RB65	36.11	36.94	39.56
			Full RB	36.05	33.93	38.13
	2084035	28292.16	1RB0	33.11	36.14	37.89
			1RB32	33.52	36.59	38.33
			1RB65	33.51	35.24	37.47
			Full RB	33.39	33.85	36.64

4CC

Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	36.71	37.86	40.33
			1RB32	37.52	37.89	40.72
			1RB65	36.83	37.59	40.24
			Full RB	36.81	34.83	38.94
	2077891	27923.52	1RB0	36.95	37.74	40.37
			1RB32	37.44	37.82	40.64
			1RB65	37.40	37.03	40.23
			Full RB	37.29	34.94	39.28
	2084035	28292.16	1RB0	34.22	37.51	39.18
			1RB32	34.39	37.79	39.42
			1RB65	34.39	36.89	38.83
			Full RB	34.69	34.26	37.49
16QAM	2071821	27559.32	1RB0	36.22	37.63	39.99
			1RB32	37.04	37.88	40.49
			1RB65	36.34	37.01	39.70
			Full RB	36.33	34.33	38.45
	2077891	27923.52	1RB0	36.46	37.23	39.87
			1RB32	36.92	37.34	40.15
			1RB65	36.89	36.56	39.74
			Full RB	36.79	34.40	38.77
	2084035	28292.16	1RB0	33.75	37.01	38.69
			1RB32	33.88	37.61	39.14
			1RB65	33.85	36.37	38.30
			Full RB	34.19	33.85	37.03
64QAM	2071821	27559.32	1RB0	35.71	37.14	39.49
			1RB32	36.54	37.36	39.98
			1RB65	35.84	36.60	39.25
			Full RB	35.83	33.88	37.97
	2077891	27923.52	1RB0	35.96	36.80	39.41
			1RB32	36.42	36.84	39.65
			1RB65	36.38	36.10	39.25
			Full RB	36.25	33.91	38.25
	2084035	28292.16	1RB0	33.24	36.65	38.28
			1RB32	33.39	36.65	38.33
			1RB65	33.38	36.20	38.03
			Full RB	33.68	33.41	36.56

Mode B

Band	n261	Beam ID	10
EUT position / Antenna polarization	Z-plane / Horizontal + Vertical	Receive Antenna polarization	Horizontal + Vertical

1CC

Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	37.02	36.82	39.93
			1RB32	37.54	37.12	40.35
			1RB65	37.34	37.01	40.19
			Full RB	37.46	34.94	39.39
	2077891	27923.52	1RB0	37.21	37.51	40.37
			1RB32	37.77	38.31	41.06
			1RB65	37.34	38.06	40.73
			Full RB	34.64	35.04	37.85
	2084035	28292.16	1RB0	34.35	36.80	38.76
			1RB32	34.82	36.72	38.88
			1RB65	34.78	35.38	38.10
			Full RB	34.77	34.59	37.69
16QAM	2071821	27559.32	1RB0	36.54	36.32	39.44
			1RB32	37.02	36.59	39.82
			1RB65	36.88	36.51	39.71
			Full RB	36.94	34.42	38.87
	2077891	27923.52	1RB0	36.74	37.01	39.89
			1RB32	37.15	37.85	40.52
			1RB65	36.84	37.76	40.33
			Full RB	37.27	34.59	39.14
	2084035	28292.16	1RB0	33.85	36.31	38.26
			1RB32	34.48	36.23	38.45
			1RB65	34.28	34.89	37.61
			Full RB	34.26	34.02	37.15
64QAM	2071821	27559.32	1RB0	36.04	35.82	38.94
			1RB32	36.61	36.09	39.37
			1RB65	36.38	36.04	39.22
			Full RB	36.44	33.94	38.38
	2077891	27923.52	1RB0	36.23	36.62	39.44
			1RB32	36.65	37.55	40.13
			1RB65	36.34	37.37	39.90
			Full RB	36.77	34.08	38.64
	2084035	28292.16	1RB0	33.49	35.84	37.83
			1RB32	33.98	35.52	37.83
			1RB65	33.78	34.39	37.11
			Full RB	33.77	33.82	36.81

2CC

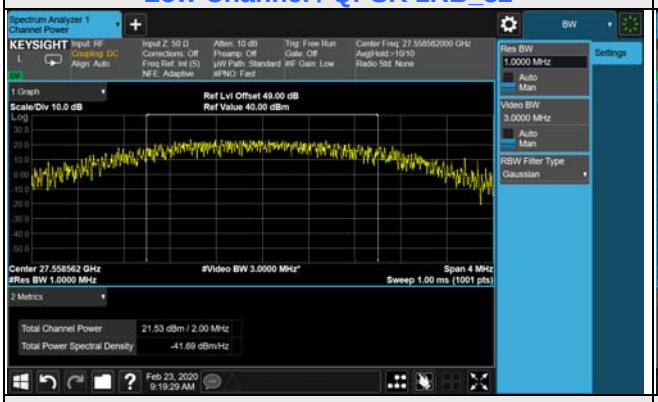
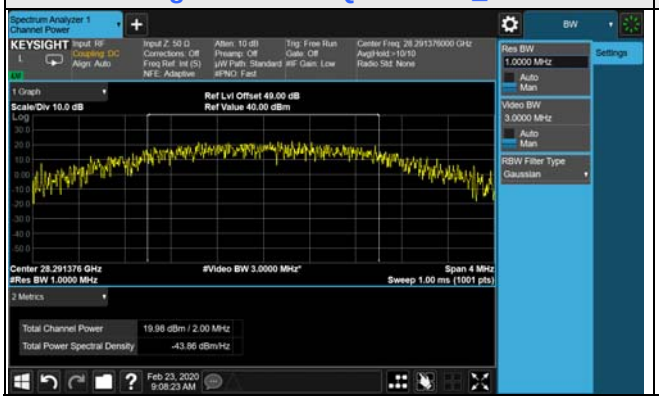
Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	36.72	37.11	39.93
			1RB32	37.82	37.35	40.60
			1RB65	37.24	37.22	40.24
			Full RB	37.15	34.72	39.11
	2077891	27923.52	1RB0	37.12	37.59	40.37
			1RB32	37.29	37.98	40.66
			1RB65	37.24	37.84	40.56
			Full RB	37.21	34.82	39.19
	2084035	28292.16	1RB0	34.21	37.02	38.85
			1RB32	34.72	37.09	39.08
			1RB65	34.66	36.21	38.51
			Full RB	34.59	34.70	37.66
16QAM	2071821	27559.32	1RB0	36.21	36.61	39.42
			1RB32	37.31	36.88	40.11
			1RB65	36.71	36.72	39.73
			Full RB	36.65	34.25	38.62
	2077891	27923.52	1RB0	36.62	37.05	39.85
			1RB32	36.79	37.46	40.15
			1RB65	36.71	37.34	40.05
			Full RB	36.61	34.33	38.63
	2084035	28292.16	1RB0	33.71	36.54	38.36
			1RB32	33.23	36.58	38.23
			1RB65	34.15	36.72	38.63
			Full RB	34.09	34.20	37.16
64QAM	2071821	27559.32	1RB0	35.77	36.12	38.96
			1RB32	36.82	36.38	39.62
			1RB65	36.21	36.22	39.23
			Full RB	36.15	33.75	38.12
	2077891	27923.52	1RB0	36.12	36.59	39.37
			1RB32	36.29	36.98	39.66
			1RB65	36.22	36.84	39.55
			Full RB	36.14	33.83	38.15
	2084035	28292.16	1RB0	33.26	36.05	37.89
			1RB32	32.79	36.08	37.75
			1RB65	33.69	36.22	38.15
			Full RB	33.58	33.70	36.65

4CC

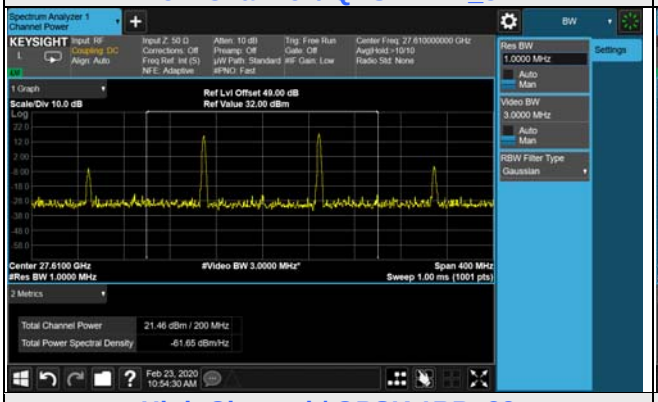
Modulation	Channel No.	Freq. (MHz)	RB Condition	EIRP (dBm)		
				Worst Beam ID		MIMO Beam
				H	V	H+V
QPSK	2071821	27559.32	1RB0	36.84	37.87	40.40
			1RB32	37.66	37.93	40.81
			1RB65	36.94	37.42	40.20
			Full RB	36.88	34.71	38.94
	2077891	27923.52	1RB0	37.03	37.62	40.35
			1RB32	37.59	37.70	40.66
			1RB65	37.50	36.93	40.23
			Full RB	37.41	34.82	39.32
	2084035	28292.16	1RB0	34.39	37.43	39.18
			1RB32	34.43	37.63	39.33
			1RB65	34.51	36.78	38.80
			Full RB	34.77	34.11	37.46
16QAM	2071821	27559.32	1RB0	36.35	37.62	40.04
			1RB32	37.18	37.56	40.38
			1RB65	36.44	36.93	39.70
			Full RB	36.38	34.26	38.46
	2077891	27923.52	1RB0	36.53	37.14	39.86
			1RB32	37.08	37.22	40.16
			1RB65	36.98	36.43	39.72
			Full RB	36.93	34.32	38.83
	2084035	28292.16	1RB0	33.86	36.93	38.67
			1RB32	33.92	37.13	38.83
			1RB65	34.06	36.28	38.32
			Full RB	34.29	33.61	36.97
64QAM	2071821	27559.32	1RB0	35.85	37.12	39.54
			1RB32	36.68	37.06	39.88
			1RB65	36.94	36.43	39.70
			Full RB	35.84	33.76	37.93
	2077891	27923.52	1RB0	36.05	36.64	39.37
			1RB32	36.59	36.72	39.67
			1RB65	36.48	35.93	39.22
			Full RB	36.46	33.82	38.35
	2084035	28292.16	1RB0	33.35	36.45	38.18
			1RB32	33.42	36.61	38.31
			1RB65	33.39	35.72	37.72
			Full RB	33.79	33.19	36.51

Mode A (Worst test plots)

1CC (H)

Low Channel / QPSK 1RB_32	Middle Channel / QPSK 1RB_32
	
High Channel / QPSK 1RB_32	
	

2CC (H)

Low Channel / QPSK 1RB_32	Middle Channel / QPSK 1RB_32
	
High Channel / QPSK 1RB_32	
	

4CC (H)

Low Channel / QPSK 1RB_32	Middle Channel / QPSK 1RB_32
	
High Channel / QPSK 1RB_32	
	

Mode B (Worst test plots-Beam ID: 10)

1CC (V)

Low Channel / QPSK 1RB_32	Middle Channel / QPSK 1RB_32
	
High Channel / QPSK 1RB_32	
	

2CC (V)

Low Channel / QPSK 1RB_32	Middle Channel / QPSK 1RB_32
	
High Channel / QPSK 1RB_32	
	

4CC (V)

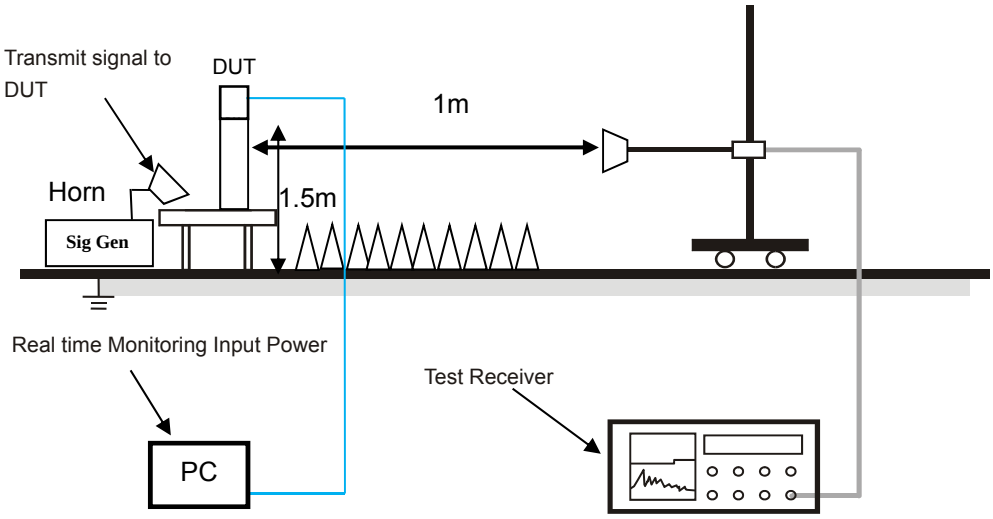
Low Channel / QPSK 1RB_32	Middle Channel / QPSK 1RB_32
	
High Channel / QPSK 1RB_32	
	

4.4 Emission Bandwidth Measurement

4.4.1 Limit of Emission Bandwidth Measurement

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency.

4.4.2 Test Setup



4.4.3 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

4.4.4 Test Procedure

1. The spectrum analyzer's automatic bandwidth measurement function was used to perform the 99% occupied bandwidth and the 26 dB bandwidth measurement.
2. Set the RBW =1~5% of the anticipated OBW, and the VBW≥3 x RBW.
3. Set spectrum analyzer detection mode to peak, and the trace mode to max hold
4. Sweep = auto couple
5. Record the test plots and test results.

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

4.4.7 Test Result

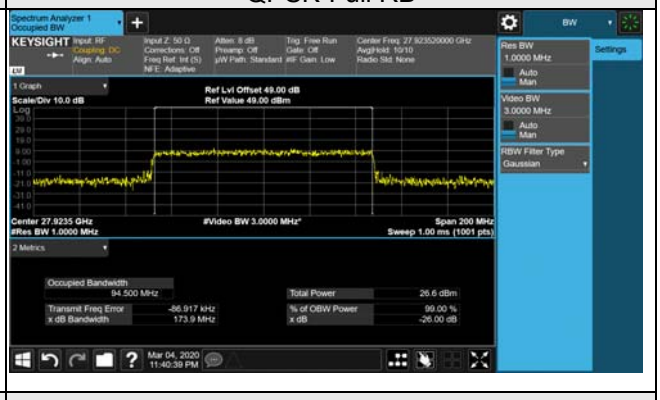
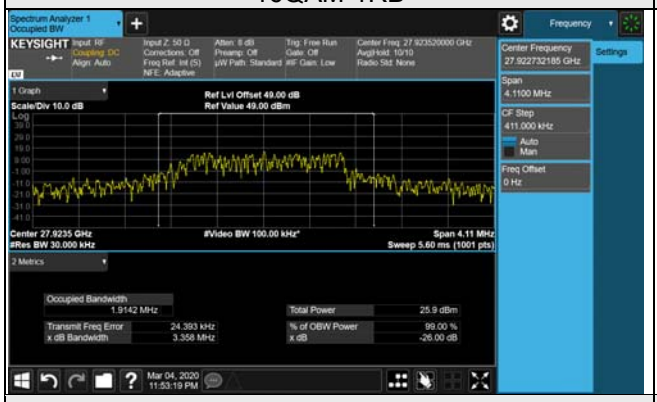
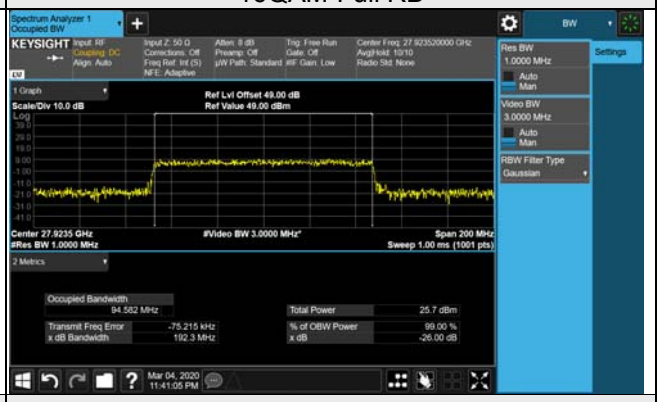
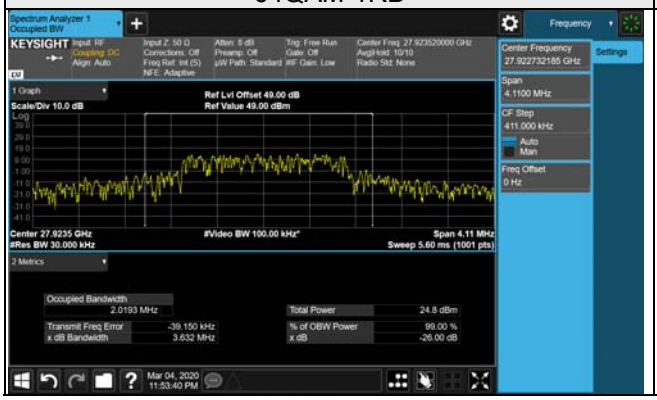
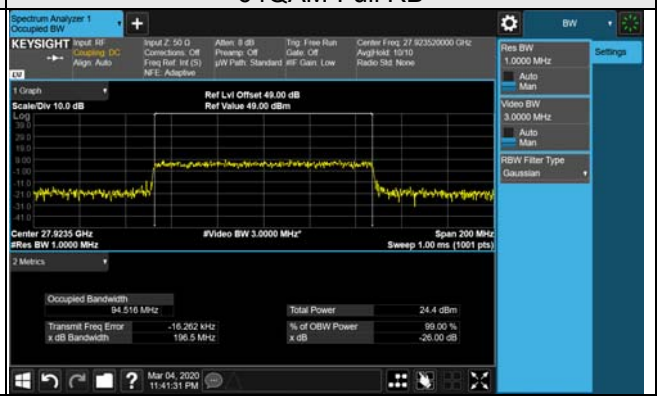
Mode A

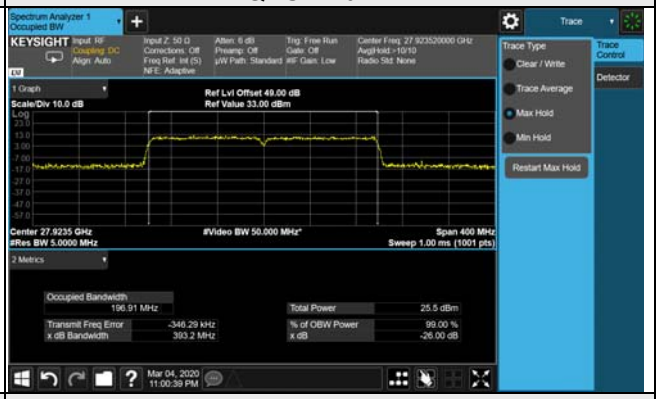
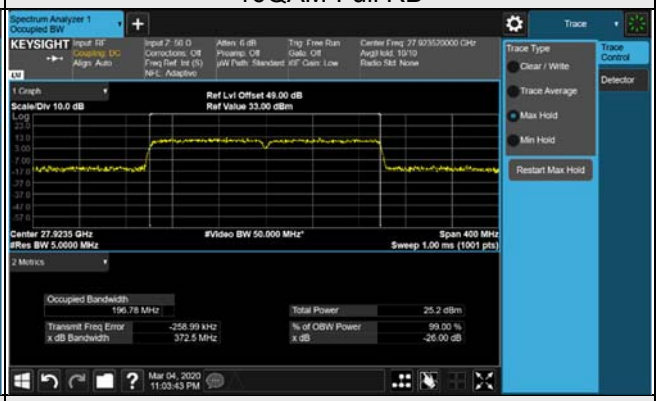
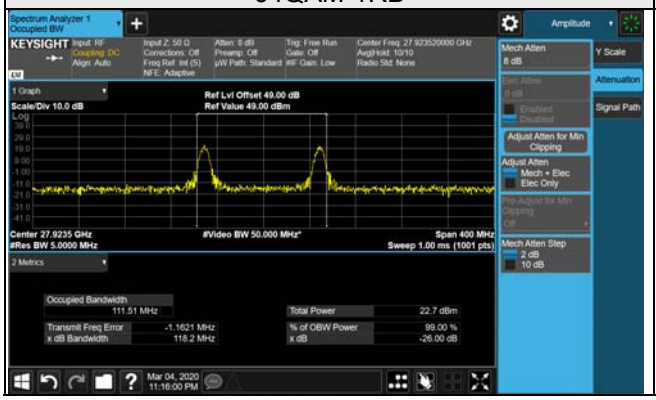
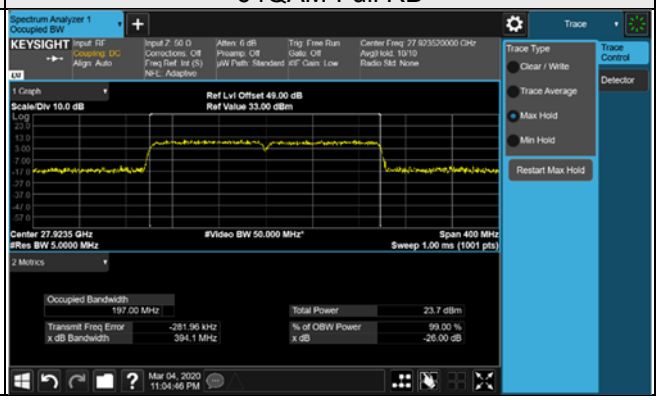
Band	Component Carriers	Modulation	RB	Occupied Bandwidth (MHz)
n261	1CC	QPSK	1RB32	1.9725
			Full RB	94.5
		16QAM	1RB32	1.9142
			Full RB	94.582
		64QAM	1RB32	2.0193
			Full RB	94.516
	2CC	QPSK	1RB32	111.1
			Full RB	196.91
		16QAM	1RB32	111.07
			Full RB	196.78
		64QAM	1RB32	111.51
			Full RB	197
	4CC	QPSK	1RB32	310.86
			Full RB	395.32
		16QAM	1RB32	311.71
			Full RB	395.72
		64QAM	1RB32	317.54
			Full RB	397.44

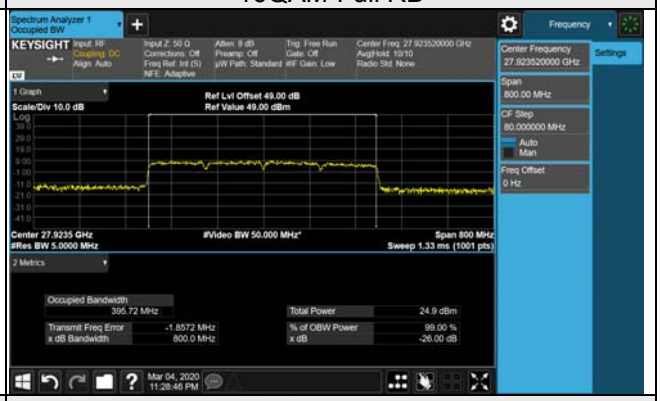
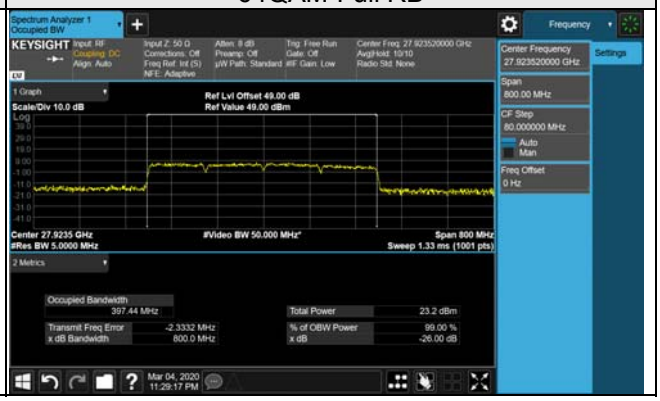
Mode B

Band	Component Carriers	Modulation	RB	Occupied Bandwidth (MHz)
n261	1CC	QPSK	1RB32	1.8742
			Full RB	94.379
		16QAM	1RB32	1.8921
			Full RB	94.409
		64QAM	1RB32	1.7688
			Full RB	94.338
	2CC	QPSK	1RB32	110.73
			Full RB	196.88
		16QAM	1RB32	111.11
			Full RB	196.11
		64QAM	1RB32	111.18
			Full RB	196.13
	4CC	QPSK	1RB32	309.93
			Full RB	394.21
		16QAM	1RB32	311.44
			Full RB	393.83
		64QAM	1RB32	310.6
			Full RB	394.18

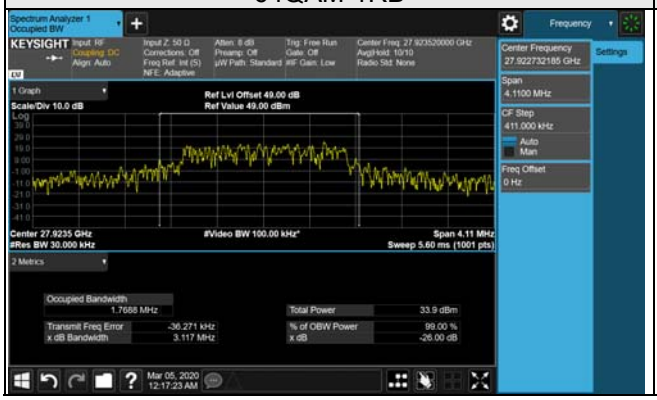
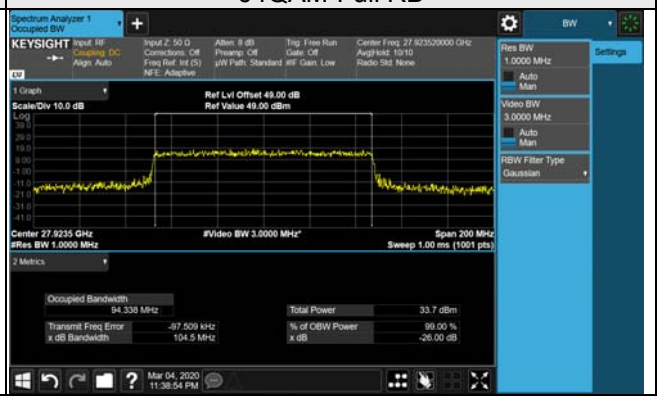
Mode A

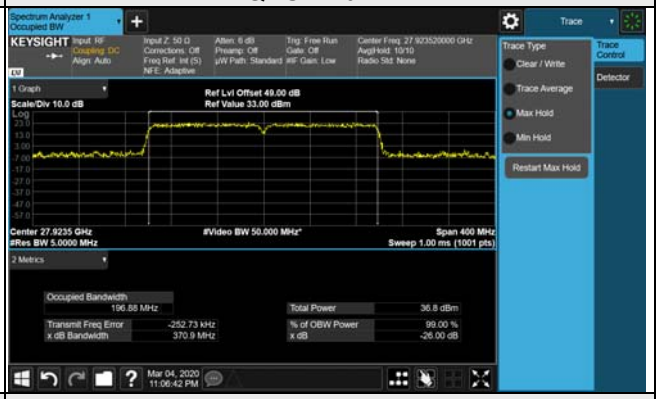
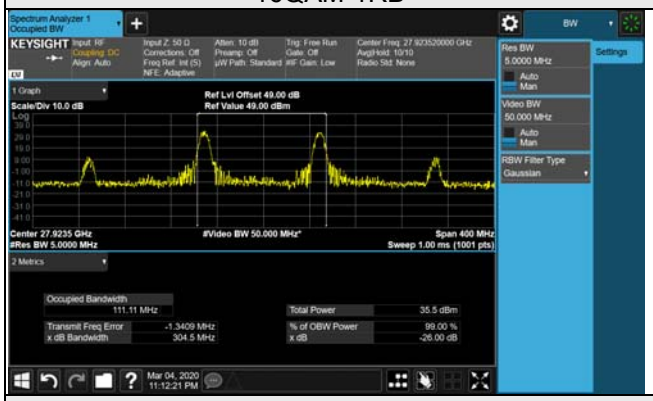
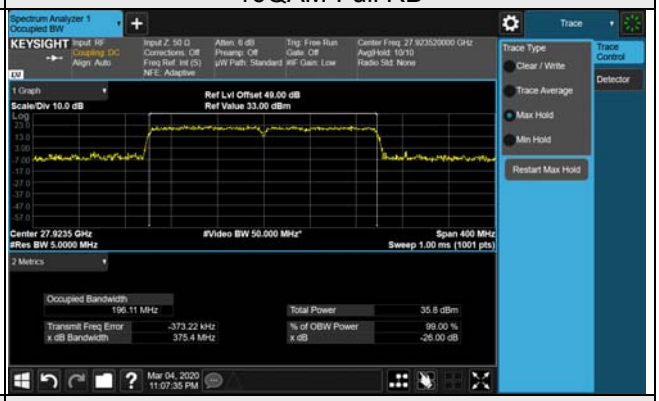
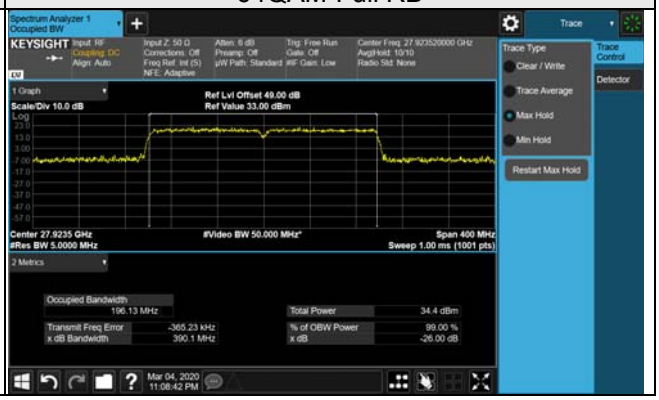
1CC	
QPSK-1RB	QPSK-Full RB
	
16QAM-1RB	16QAM-Full RB
	
64QAM-1RB	64QAM-Full RB
	

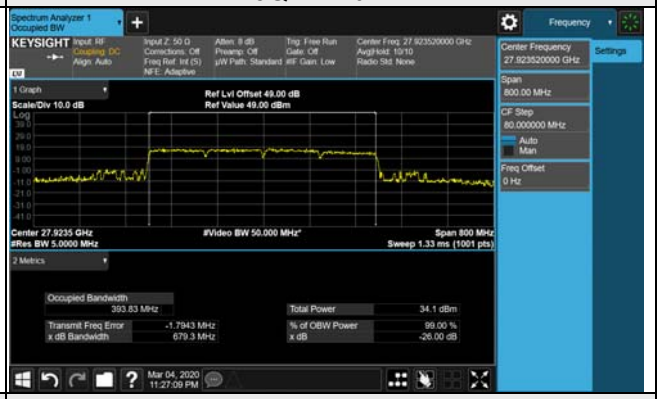
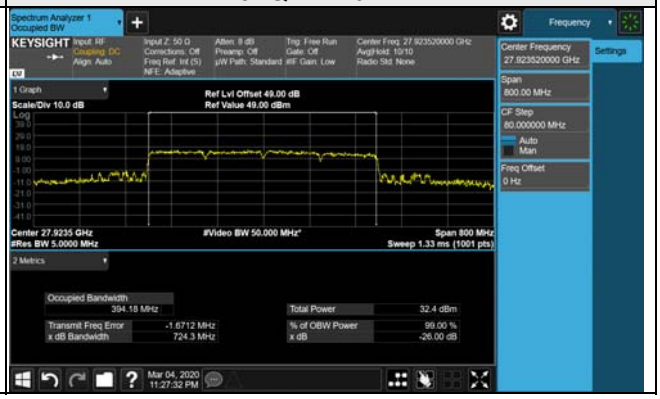
2CC	
QPSK-1RB	QPSK-Full RB
	
16QAM-1RB	16QAM-Full RB
	
64QAM-1RB	64QAM-Full RB
	

4CC	
QPSK-1RB	QPSK-Full RB
	
16QAM-1RB	16QAM-Full RB
	
64QAM-1RB	64QAM-Full RB
	

Mode B

1CC	
QPSK-1RB	QPSK-Full RB
	
16QAM-1RB	16QAM-Full RB
	
64QAM-1RB	64QAM-Full RB
	

2CC	
QPSK-1RB	QPSK-Full RB
	
16QAM-1RB	16QAM-Full RB
	
64QAM-1RB	64QAM-Full RB
	

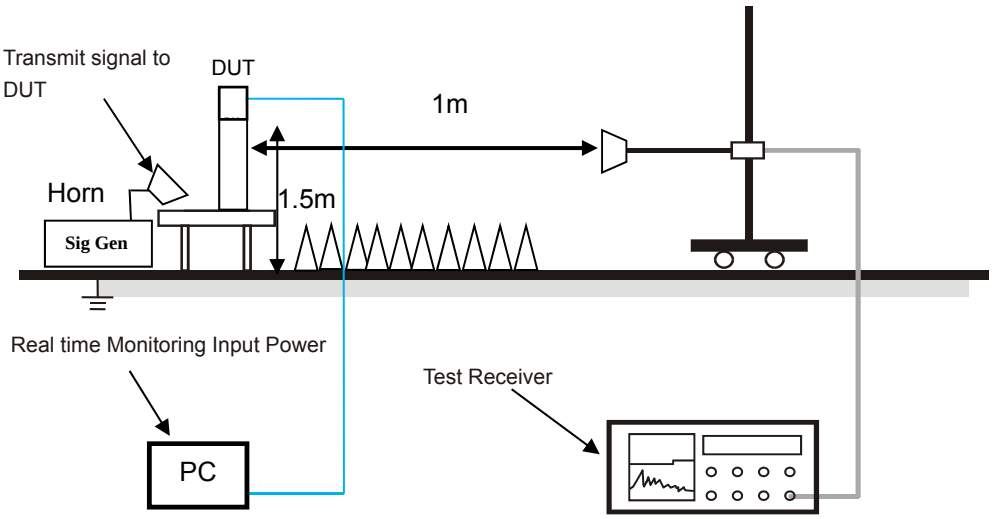
4CC	
QPSK-1RB	QPSK-Full RB
	
16QAM-1RB	16QAM-Full RB
	
64QAM-1RB	64QAM-Full RB
	

4.5 Input-versus-Output Signal Comparison Measurement

4.5.1 Overview of Input-versus-Output Signal Comparison Measurement

The Input-versus-Output Signal Comparison checks for the change in occupied bandwidth of the output signal from the booster at 3dB above the AGC threshold level and just below the AGC threshold level while not more than 0.5dB below the threshold level. All modes of operation were investigated and the worst case configuration results are reported in this section. Per KDB 935210 D05 clause 3.4, this is to be measured on both the input signal and the output signal.

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

4.5.4 Test Procedure

Follow ANSI C63.26-2015 – Section 5.4.3, KDB 935210 D05 – Section 3.4.

1. The spectrum analyzer's automatic bandwidth measurement function was used to perform the 99% occupied bandwidth and the 26 dB bandwidth measurement.
2. Set the RBW =1~5% of the anticipated OBW, and the VBW≥3 x RBW.
3. Set spectrum analyzer detection mode to peak, and the trace mode to max hold
4. Sweep = auto couple
5. Record the test plots and test results.

Note: Per FCC guidance, a 100MHz 5G NR mmWave signal was used as the input signal as opposed to the 4.1MHz AWGN required in KDB 935210 D05.

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

4.5.7 Test Result

Mode A

AGC Threshold Level	Channel	Bandwidth	Output Signal OBW [MHz]	Input Signal OBW [MHz]	Total Power [dBm]	Antenna polarization
0.5dB below Threshold	Middle	100	94.25	94.489	26.1	H
3dB above Threshold	Middle	100	94.456	95.054	29.7	H
0.5dB below Threshold	Middle	100	94.312	94.489	26.2	V
3dB above Threshold	Middle	100	94.461	95.054	29.4	V

Note: The mode A OBW by AGC Threshold Level (H:-58.23dBm/V:-58.23dBm).

Occupied Bandwidth Input at 0.5dB below AGC Threshold.(H)

Occupied Bandwidth Input at 3dB above AGC Threshold. (H)

Occupied Bandwidth Input at 0.5dB below AGC Threshold.(V)

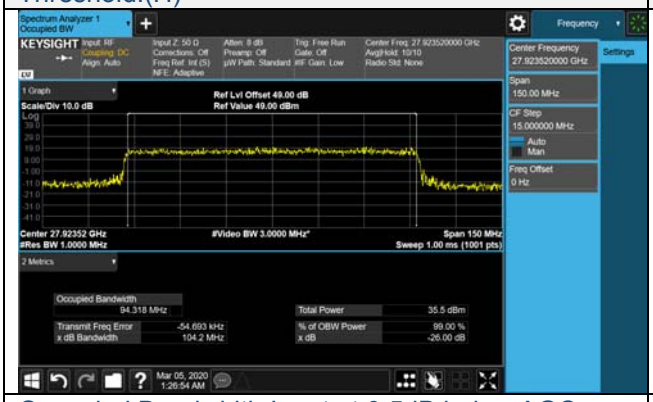
Occupied Bandwidth Input at 3dB above AGC Threshold. (V)

Mode B

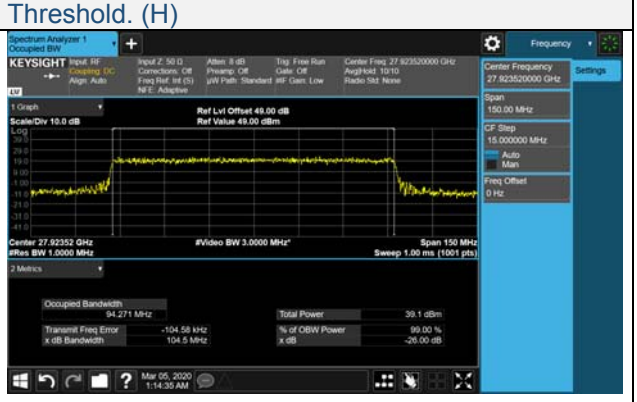
AGC Threshold Level	Channel	Bandwidth	Output Signal OBW [MHz]	Input Signal OBW [MHz]	Total Power [dBm]	Antenna polarization
0.5dB below Threshold	Middle	100	94.318	94.446	35.5	H
3dB above Threshold	Middle	100	94.271	94.444	39.1	H
0.5dB below Threshold	Middle	100	94.325	94.446	34.6	V
3dB above Threshold	Middle	100	94.337	94.444	38.2	V

Note:The mode B OBW by AGC Threshold Level(H:-53.26dBm/V:-52.22dBm).

Occupied Bandwidth Input at 0.5dB below AGC Threshold.(H)



Occupied Bandwidth Input at 3dB above AGC Threshold. (H)



Occupied Bandwidth Input at 0.5dB below AGC Threshold.(V)

Occupied Bandwidth Input at 3dB above AGC Threshold. (V)

4.6 Radiated Spurious Emission Measurement

4.6.1 Limits of Radiated Spurious Emission Measurement

The conductive power or the total radiated power of any emission outside a licensee's frequency block shall be −13 dBm/MHz or lower. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be −5 dBm/MHz or lower.

4.6.2 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

4.6.3 Test Procedures

a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
b. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value” of step a. Record the power level of S.G.
c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.R.P power - 2.15dBi.

Note:

1. The resolution bandwidth of spectrum analyzer is 100 kHz and the video bandwidth is 300 kHz for below 1GHz.
2. The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for above 1GHz.
3. When test frequency below 1GHz the test-receiver detector function was use peak mode during the testing.
4. When test frequency above 1GHz the detector function was use RMS (average) mode during the testing.
5. Measurements were taken in the far field of the mm-Wave test signal based on the formula:
   R ≥ (2D^2) / wavelength.

EUT antenna of far field distance (Mode A-Relay)		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
Below 18GHz	0.12m	3m
18GHz to 40GHz	0.27m	1m
40GHz to 50GHz	0.27m to 0.34m	1m
50GHz to 100GHz	0.34m to 0.68m	1m
Note: EUT Antenna Dimension 32mm length, 1mm thick and 18mm high.		
Measurement antenna of far field distance		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
40GHz-50GHz	30mm	1m
50GHz-75GHz	25mm	1m
75GHz-110GHz	18mm	1m
40GHz-50GHz: Antenna Dimension 56mm length, 42.5mm thick and 10mm high.		
50GHz-75GHz: Antenna Dimension 37.5mm length, 29mm thick and 6.7mm high.		
75GHz-110GHz: Antenna Dimension 25mm length, 20mm thick and 45.5mm high.		

EUT antenna of far field distance (Mode B-Donor)		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
Below 18GHz	0.3m	3m
18GHz to 40GHz	0.67m	1m
40GHz to 50GHz	0.67m to 0.83m	1m
50GHz to 100GHz	0.83m to 1.67m	2m
Note: EUT Antenna Dimension Donor Antenna: 50mm length, 1mm thick and 26mm high.		
Measurement antenna of far field distance		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
40GHz-50GHz	30mm	1m
50GHz-75GHz	25mm	2m
75GHz-110GHz	18mm	2m
40GHz-50GHz: Antenna Dimension 56mm length, 42.5mm thick and 10mm high.		
50GHz-75GHz: Antenna Dimension 37.5mm length, 29mm thick and 6.7mm high.		
75GHz-110GHz: Antenna Dimension 25mm length, 20mm thick and 45.5mm high.		

NOTE:
Test Instruments for above 18 GHz emission test
1. 18 GHz - 40 GHz: HORN Antenna(BBHA 9170) + Pre-Ammlifier(EMC 184045)
2. 40 GHz - 50 GHz: HORN Antenna(M22RH) + Ammlifier(LNA-22-22060)
3. 50 GHz - 75 GHz: HORN Antenna(M15HWD) + VDI Standard Downconverter
4. 75 GHz - 100 GHz: HORN Antenna(M10RH) + VDI Standard Downconverter

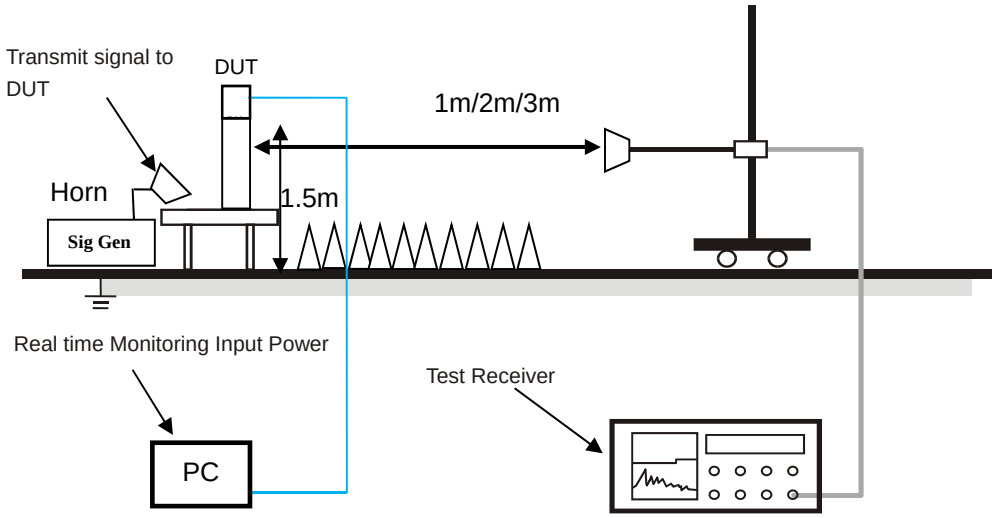
The emission test results as above listed are performed by different frequency bands respectively because the test instruments, that will make the emission trace non-continuously for these bands.

4.6.4 Deviation from Test Standard

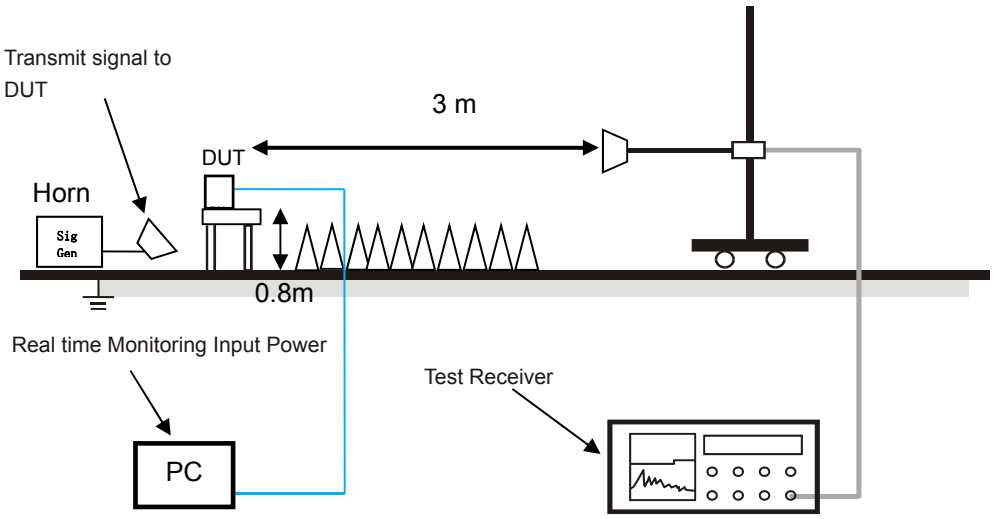
No deviation.

4.6.5 Test Set Up

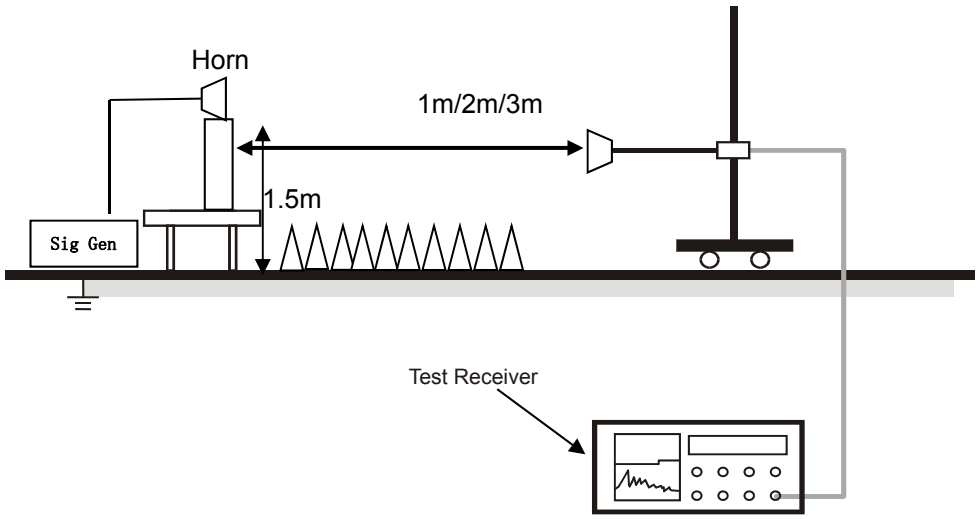
<Frequency Range above 1GHz>



<Frequency Range below 1GHz>



Substitution method set-up for radiated emission



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.6.6 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

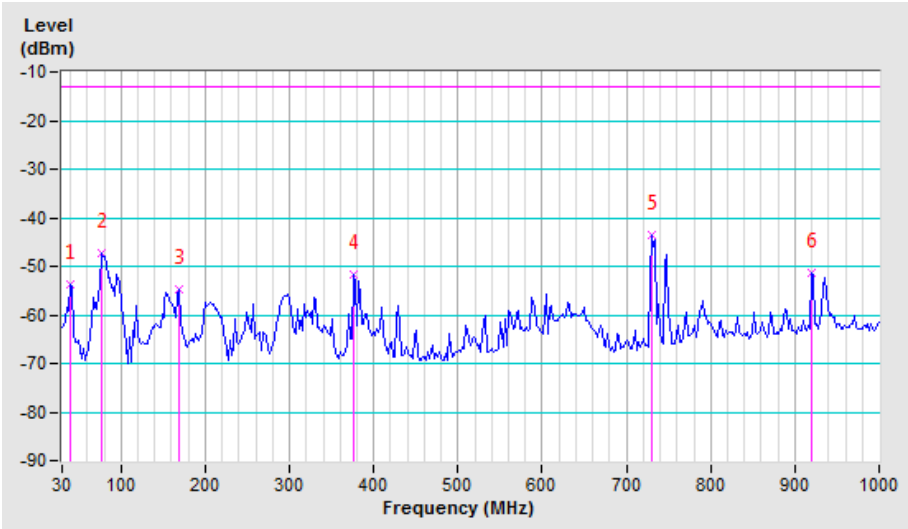
4.6.7 Test Results

Below 1GHz Data:

Band	n261	Test Mode	A (Horizontal)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Horizontal		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.70	-56.1	-42.9	-10.9	-53.8	-13.0	-40.8
2	76.56	-41.3	-44.6	-2.8	-47.4	-13.0	-34.4
3	169.68	-48.0	-56.2	1.6	-54.6	-13.0	-41.6
4	375.32	-50.1	-57.1	5.3	-51.8	-13.0	-38.8
5	730.34	-46.9	-48.5	4.9	-43.6	-13.0	-30.6
6	920.46	-58.3	-55.2	3.9	-51.3	-13.0	-38.3

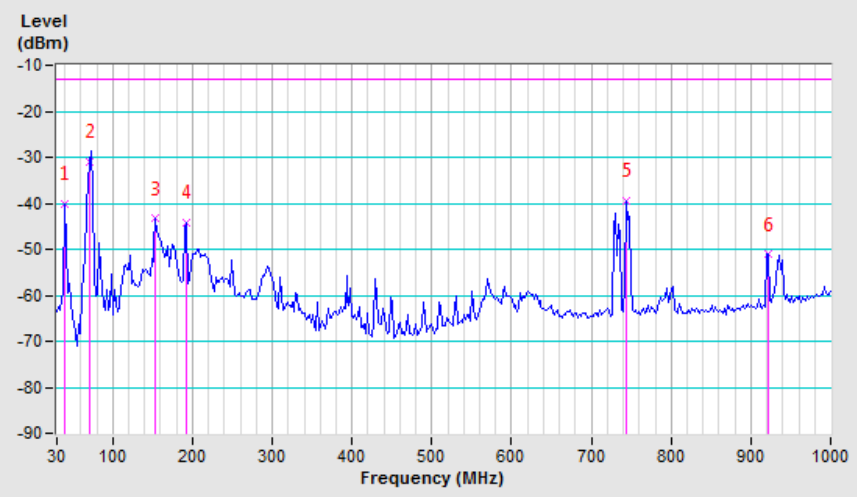
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Vertical		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.70	-32.2	-29.3	-10.9	-40.2	-13.0	-27.2
2	70.74	-25.1	-26.2	-4.7	-30.9	-13.0	-17.9
3	154.16	-42.5	-43.5	0.1	-43.4	-13.0	-30.4
4	192.96	-40.2	-48.7	4.6	-44.1	-13.0	-31.1
5	743.92	-45.1	-44.1	4.7	-39.4	-13.0	-26.4
6	922.40	-59.4	-55.1	3.9	-51.2	-13.0	-38.2

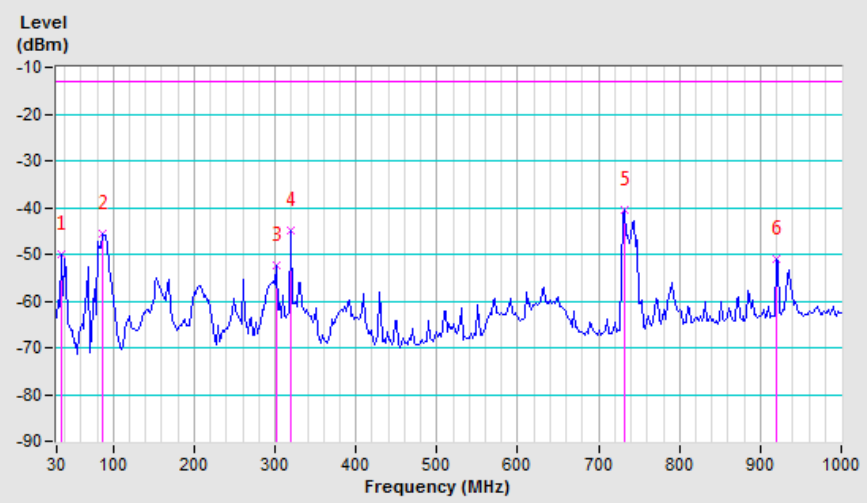
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A(Horizontal)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Horizontal		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	35.82	-53.3	-38.6	-11.4	-50.0	-13.0	-37.0
2	86.26	-39.0	-45.8	0.1	-45.7	-13.0	-32.7
3	301.60	-47.8	-57.5	5.1	-52.4	-13.0	-39.4
4	319.06	-40.5	-50.0	5.2	-44.8	-13.0	-31.8
5	732.28	-43.9	-45.4	4.9	-40.5	-13.0	-27.5
6	920.46	-57.9	-54.8	3.9	-50.9	-13.0	-37.9

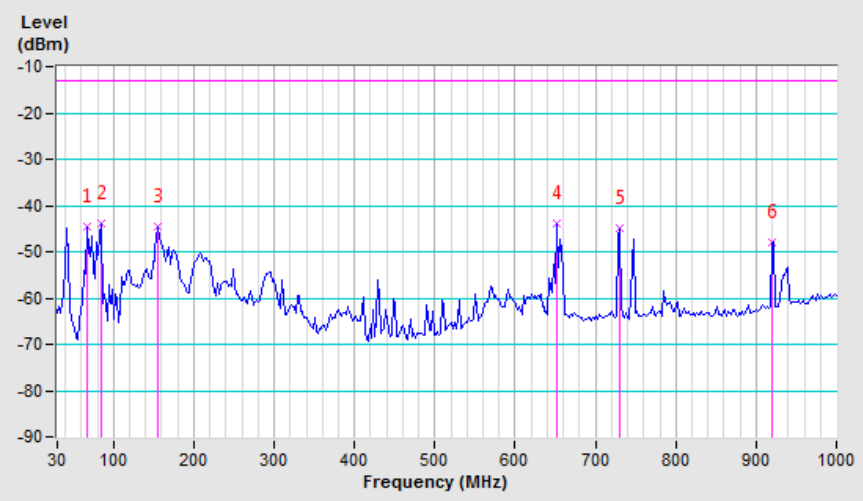
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Vertical		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	66.86	-38.2	-38.9	-5.8	-44.7	-13.0	-31.7
2	84.32	-39.6	-43.3	-0.5	-43.8	-13.0	-30.8
3	156.10	-43.9	-44.9	0.2	-44.7	-13.0	-31.7
4	652.74	-48.5	-48.7	4.8	-43.9	-13.0	-30.9
5	730.34	-50.7	-49.9	4.9	-45.0	-13.0	-32.0
6	920.46	-55.9	-51.8	3.9	-47.9	-13.0	-34.9

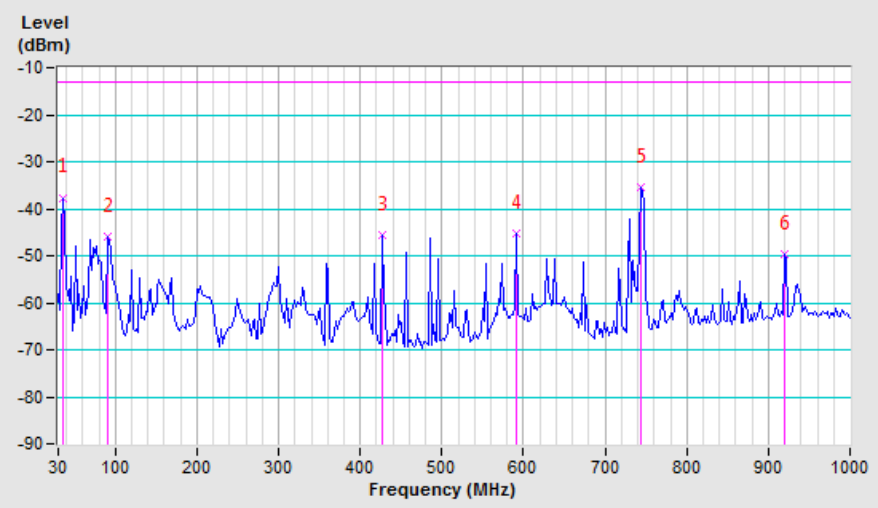
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Horizontal)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Horizontal		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	35.82	-40.9	-26.2	-11.4	-37.6	-13.0	-24.6
2	90.14	-38.6	-47.2	1.1	-46.1	-13.0	-33.1
3	427.70	-43.9	-50.7	5.2	-45.5	-13.0	-32.5
4	590.66	-45.4	-49.8	4.5	-45.3	-13.0	-32.3
5	743.92	-38.9	-40.0	4.7	-35.3	-13.0	-22.3
6	920.46	-56.8	-53.7	3.9	-49.8	-13.0	-36.8

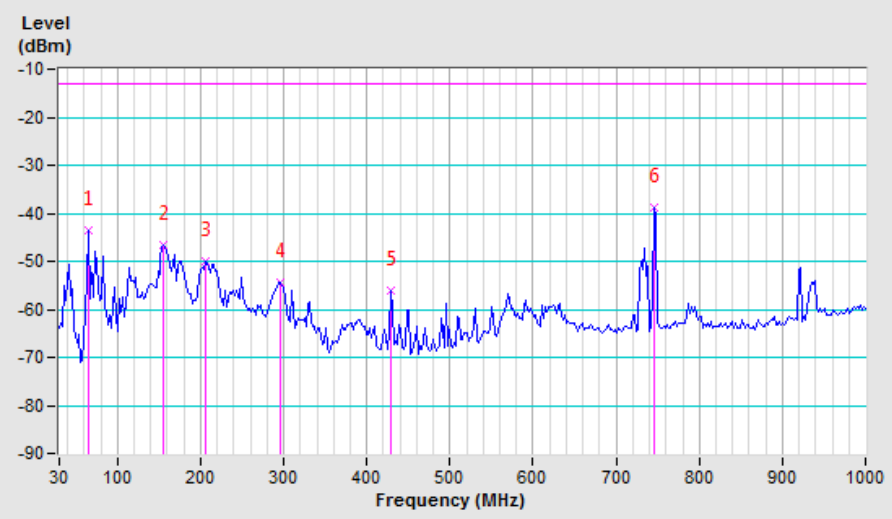
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Vertical		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	64.92	-36.4	-37.1	-6.3	-43.4	-13.0	-30.4
2	156.10	-45.8	-46.8	0.2	-46.6	-13.0	-33.6
3	206.54	-48.6	-55.4	5.4	-50.0	-13.0	-37.0
4	295.78	-53.5	-59.4	5.1	-54.3	-13.0	-41.3
5	429.64	-54.5	-61.2	5.2	-56.0	-13.0	-43.0
6	745.86	-44.5	-43.6	4.7	-38.9	-13.0	-25.9

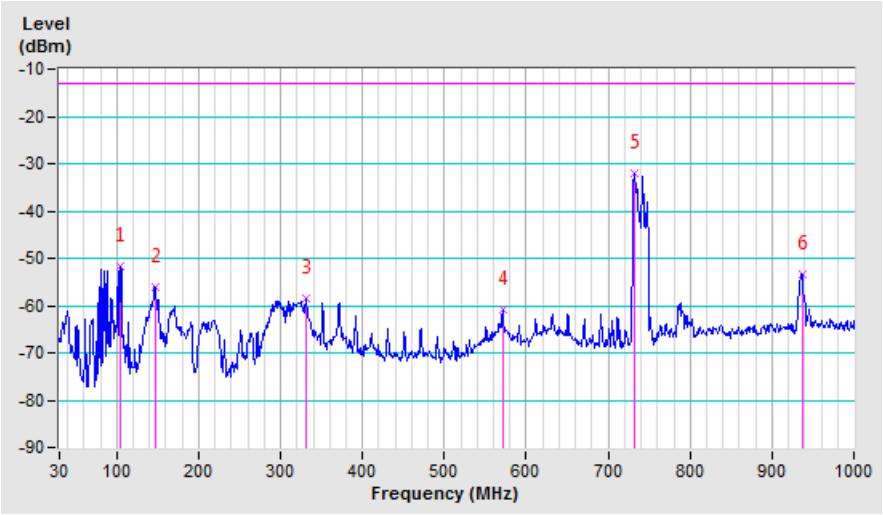
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Horizontal		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	104.69	-43.9	-52.3	0.6	-51.7	-13.0	-38.7
2	146.40	-51.6	-55.8	-0.2	-56.0	-13.0	-43.0
3	330.70	-54.7	-63.6	5.2	-58.4	-13.0	-45.4
4	571.26	-60.5	-65.3	4.5	-60.8	-13.0	-47.8
5	731.31	-35.4	-37.0	4.9	-32.1	-13.0	-19.1
6	936.95	-60.5	-57.3	3.9	-53.4	-13.0	-40.4

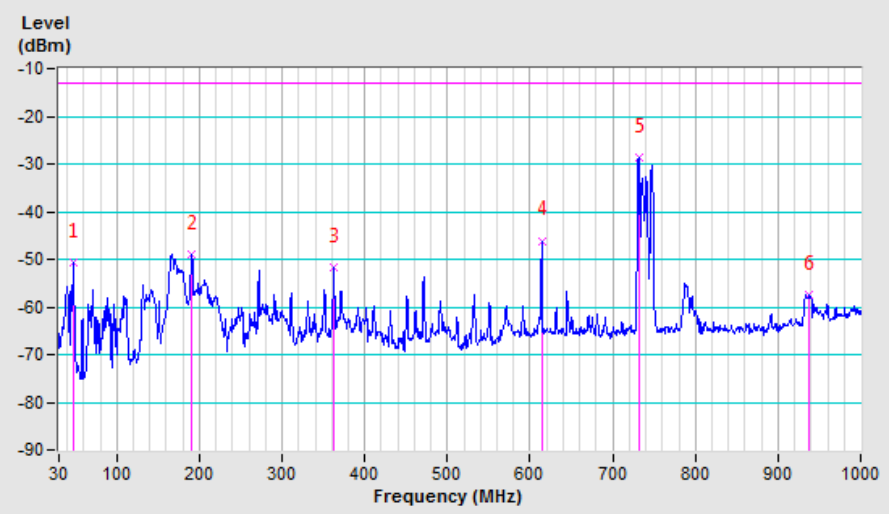
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Vertical		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	48.43	-44.9	-41.3	-9.5	-50.8	-13.0	-37.8
2	191.02	-45.7	-53.3	4.3	-49.0	-13.0	-36.0
3	362.71	-50.5	-56.9	5.2	-51.7	-13.0	-38.7
4	613.94	-51.0	-50.7	4.6	-46.1	-13.0	-33.1
5	731.31	-34.3	-33.6	4.9	-28.7	-13.0	-15.7
6	937.92	-66.1	-61.2	3.9	-57.3	-13.0	-44.3

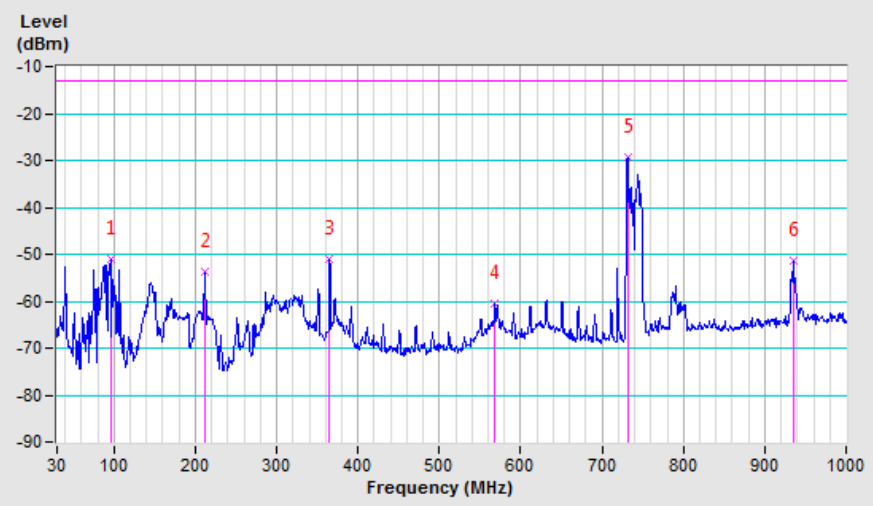
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Horizontal		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	95.96	-42.9	-51.9	1.0	-50.9	-13.0	-37.9
2	211.39	-45.0	-59.0	5.4	-53.6	-13.0	-40.6
3	364.65	-48.3	-56.2	5.2	-51.0	-13.0	-38.0
4	568.35	-60.1	-65.0	4.5	-60.5	-13.0	-47.5
5	731.31	-32.7	-34.3	4.9	-29.4	-13.0	-16.4
6	935.01	-58.5	-55.3	3.9	-51.4	-13.0	-38.4

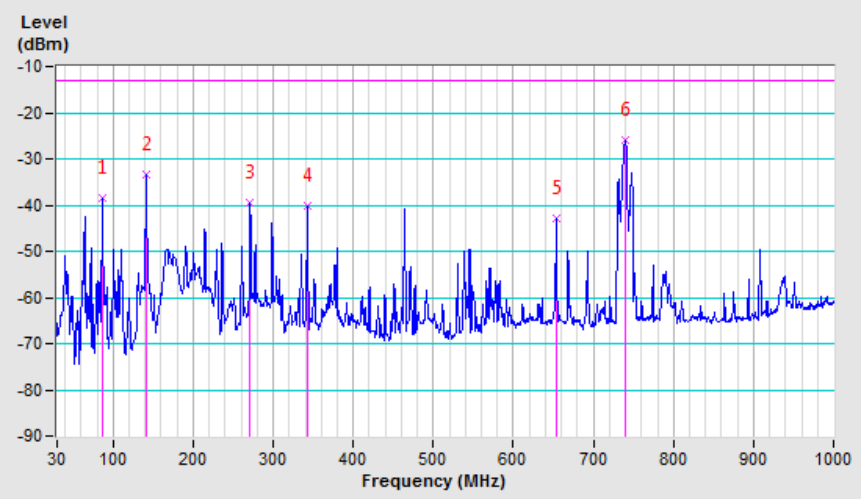
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Vertical		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	86.26	-34.0	-38.6	0.1	-38.5	-13.0	-25.5
2	140.58	-29.8	-33.0	-0.3	-33.3	-13.0	-20.3
3	270.56	-42.8	-44.9	5.3	-39.6	-13.0	-26.6
4	342.34	-39.4	-45.4	5.1	-40.3	-13.0	-27.3
5	653.71	-47.6	-47.9	4.9	-43.0	-13.0	-30.0
6	740.04	-31.7	-30.9	4.8	-26.1	-13.0	-13.1

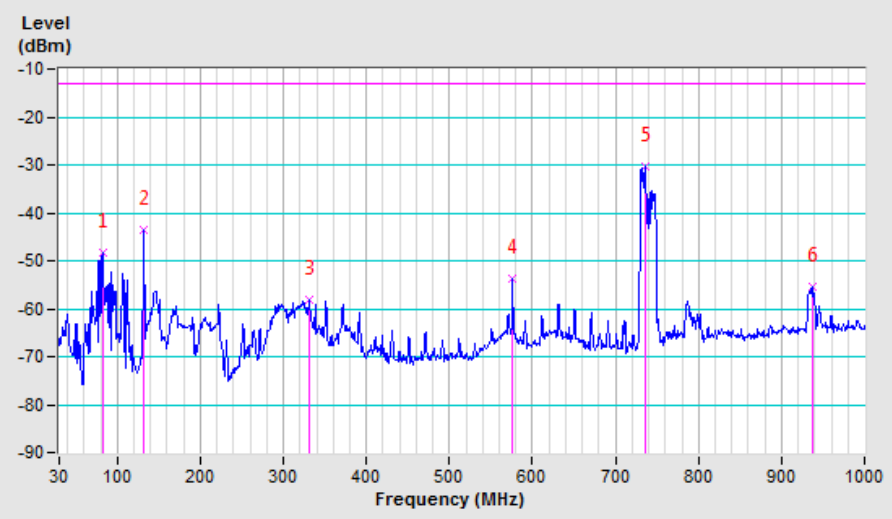
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Horizontal		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	82.38	-41.8	-47.3	-1.0	-48.3	-13.0	-35.3
2	131.85	-36.3	-43.4	-0.1	-43.5	-13.0	-30.5
3	330.70	-54.4	-63.3	5.2	-58.1	-13.0	-45.1
4	576.11	-53.8	-58.3	4.5	-53.8	-13.0	-40.8
5	735.19	-33.7	-35.1	4.8	-30.3	-13.0	-17.3
6	937.92	-62.5	-59.3	3.9	-55.4	-13.0	-42.4

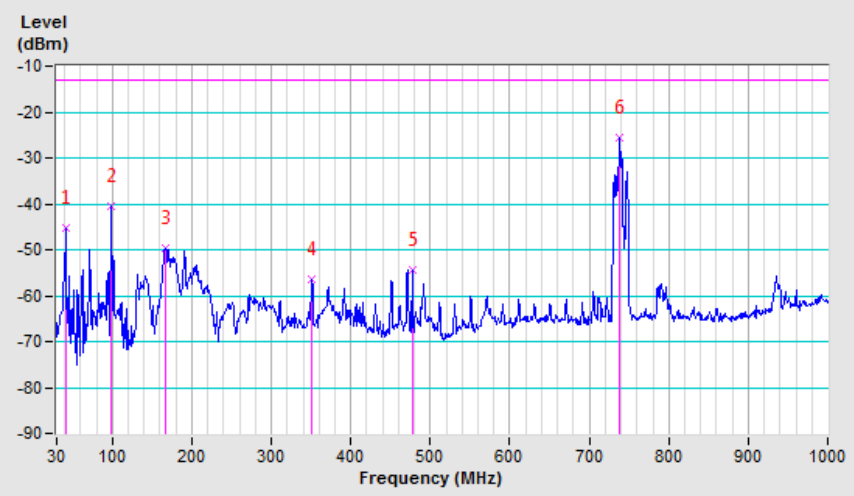
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A (Horizontal+ Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Vertical		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.64	-38.5	-34.6	-10.6	-45.2	-13.0	-32.2
2	98.87	-34.8	-41.4	0.9	-40.5	-13.0	-27.5
3	166.77	-49.6	-50.9	1.2	-49.7	-13.0	-36.7
4	351.07	-55.0	-61.7	5.2	-56.5	-13.0	-43.5
5	477.17	-53.6	-59.5	5.0	-54.5	-13.0	-41.5
6	738.10	-31.2	-30.5	4.8	-25.7	-13.0	-12.7

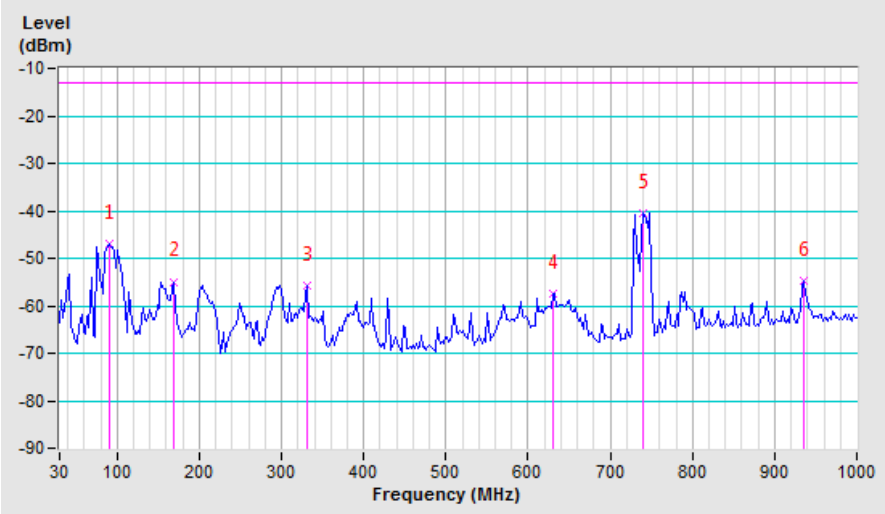
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Horizontal	Beam ID	1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	90.14	-39.6	-48.2	1.1	-47.1	-13.0	-34.1
2	169.68	-48.3	-56.5	1.6	-54.9	-13.0	-41.9
3	330.70	-52.1	-61.0	5.2	-55.8	-13.0	-42.8
4	629.46	-58.5	-62.0	4.6	-57.4	-13.0	-44.4
5	740.04	-44.0	-45.3	4.8	-40.5	-13.0	-27.5
6	935.98	-61.8	-58.7	3.9	-54.8	-13.0	-41.8

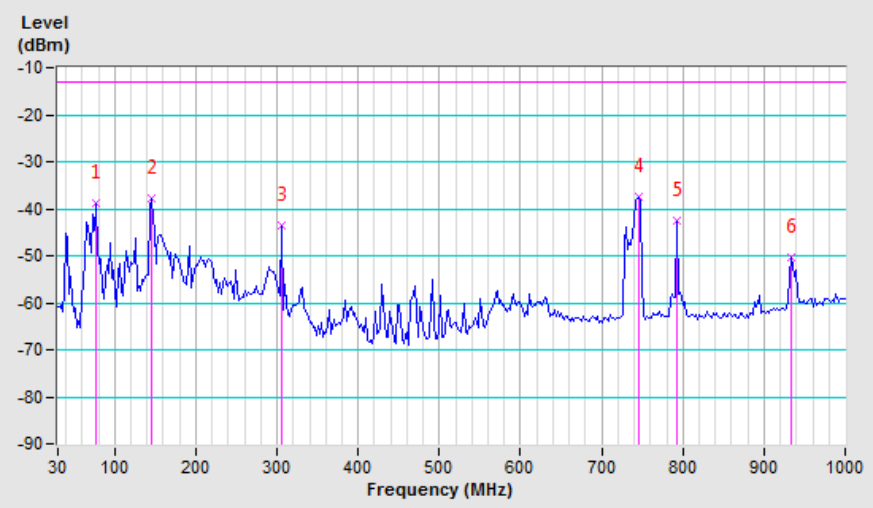
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Vertical	Beam ID	1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	76.56	-34.5	-36.2	-2.8	-39.0	-13.0	-26.0
2	144.46	-34.9	-37.7	-0.3	-37.9	-13.0	-24.9
3	305.48	-43.0	-48.8	5.1	-43.7	-13.0	-30.7
4	745.86	-43.3	-42.3	4.7	-37.6	-13.0	-24.6
5	792.42	-48.7	-46.5	4.1	-42.4	-13.0	-29.4
6	934.04	-58.9	-54.1	3.9	-50.2	-13.0	-37.2

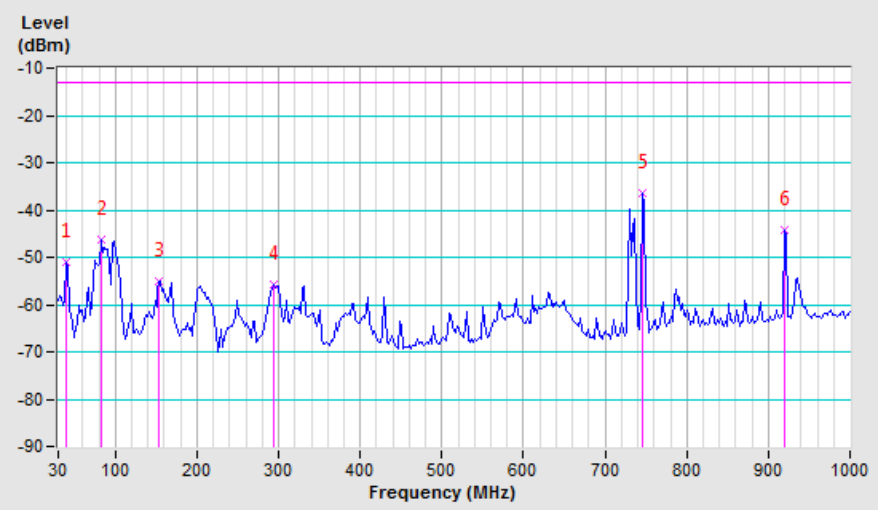
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Horizontal	Beam ID	1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.70	-53.4	-40.2	-10.9	-51.1	-13.0	-38.1
2	82.38	-39.9	-45.4	-1.0	-46.4	-13.0	-33.4
3	154.16	-50.5	-55.1	0.1	-55.0	-13.0	-42.0
4	293.84	-52.3	-61.0	5.1	-55.9	-13.0	-42.9
5	745.86	-40.0	-41.1	4.7	-36.4	-13.0	-23.4
6	920.46	-51.3	-48.2	3.9	-44.3	-13.0	-31.3

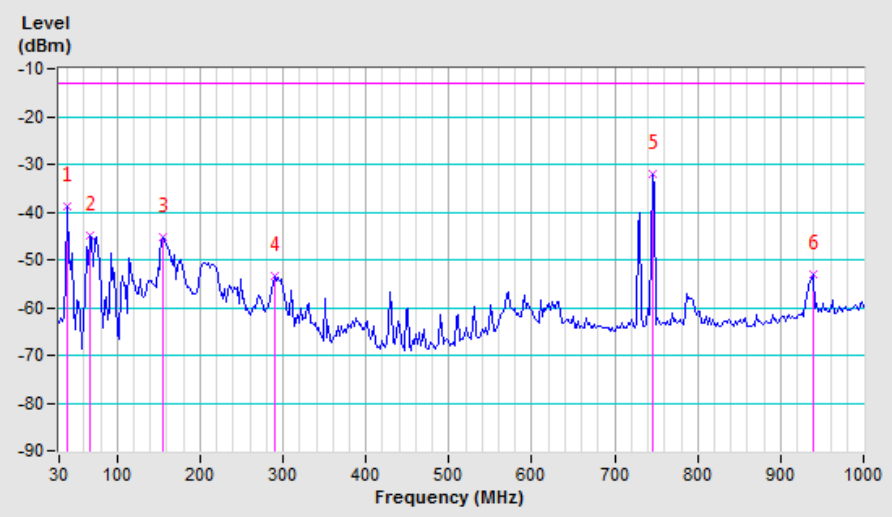
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Vertical	Beam ID	1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.70	-30.9	-28.0	-10.9	-38.9	-13.0	-25.9
2	66.86	-38.4	-39.1	-5.8	-44.9	-13.0	-31.9
3	156.10	-44.5	-45.5	0.2	-45.3	-13.0	-32.3
4	289.96	-53.5	-58.5	5.2	-53.3	-13.0	-40.3
5	745.86	-37.5	-36.6	4.7	-31.9	-13.0	-18.9
6	939.86	-61.9	-57.0	3.9	-53.1	-13.0	-40.1

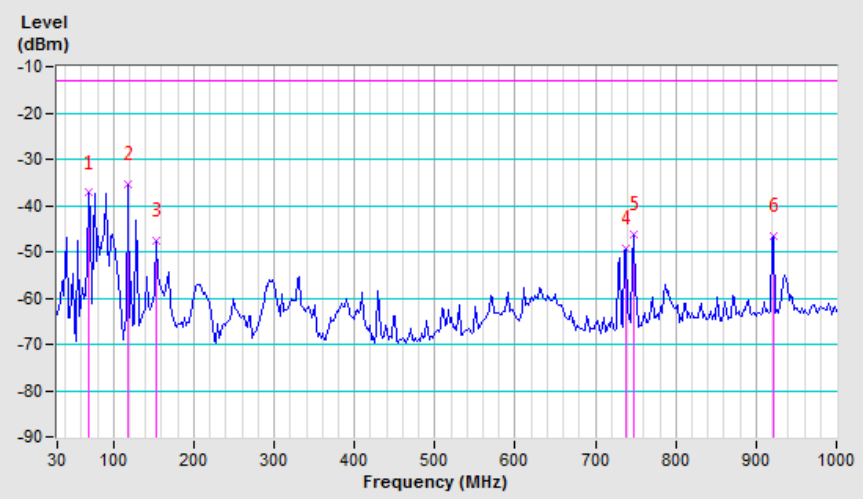
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Horizontal	Beam ID	1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	68.80	-31.2	-32.0	-5.3	-37.3	-13.0	-24.3
2	117.30	-27.9	-35.6	0.2	-35.4	-13.0	-22.4
3	154.16	-43.0	-47.6	0.1	-47.5	-13.0	-34.5
4	738.10	-52.7	-54.1	4.8	-49.3	-13.0	-36.3
5	747.80	-49.9	-51.0	4.7	-46.3	-13.0	-33.3
6	922.40	-53.8	-50.6	3.9	-46.7	-13.0	-33.7

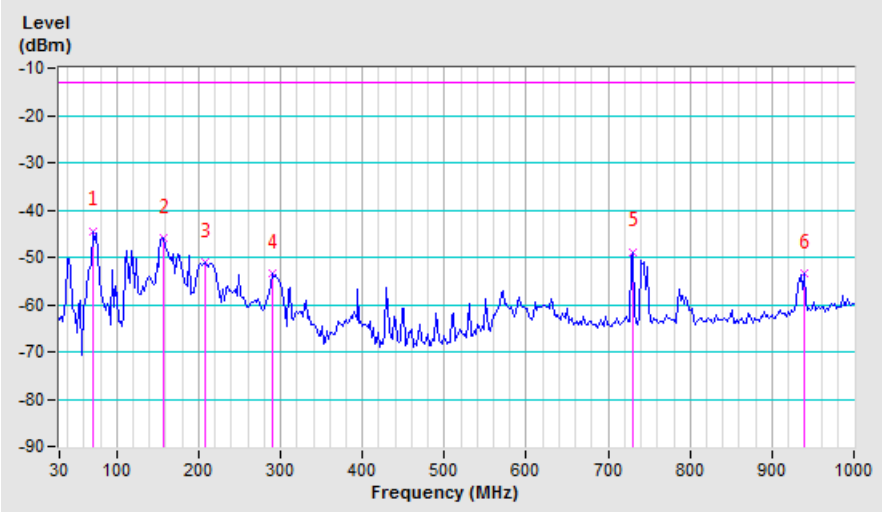
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Vertical	Beam ID	1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	70.74	-38.6	-39.7	-4.7	-44.4	-13.0	-31.4
2	158.04	-45.4	-46.1	0.3	-45.8	-13.0	-32.8
3	208.48	-49.7	-56.4	5.4	-51.0	-13.0	-38.0
4	289.96	-53.6	-58.6	5.2	-53.4	-13.0	-40.4
5	730.34	-54.5	-53.7	4.9	-48.8	-13.0	-35.8
6	939.86	-62.1	-57.2	3.9	-53.3	-13.0	-40.3

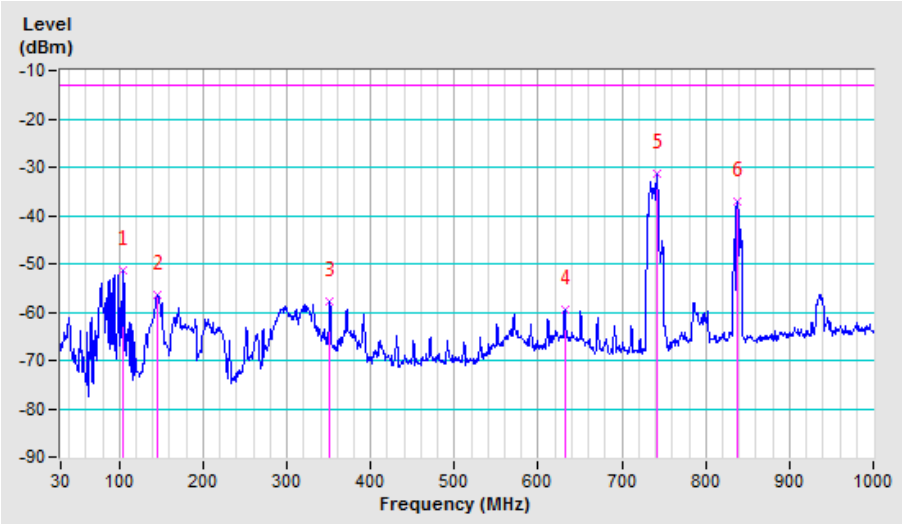
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Horizontal	Beam ID	1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	103.72	-43.4	-51.9	0.7	-51.2	-13.0	-38.2
2	145.43	-51.5	-56.1	-0.2	-56.3	-13.0	-43.3
3	351.07	-54.6	-63.0	5.2	-57.8	-13.0	-44.8
4	631.40	-60.7	-64.2	4.6	-59.6	-13.0	-46.6
5	741.98	-35.0	-36.1	4.7	-31.4	-13.0	-18.4
6	837.04	-43.0	-41.1	4.0	-37.1	-13.0	-24.1

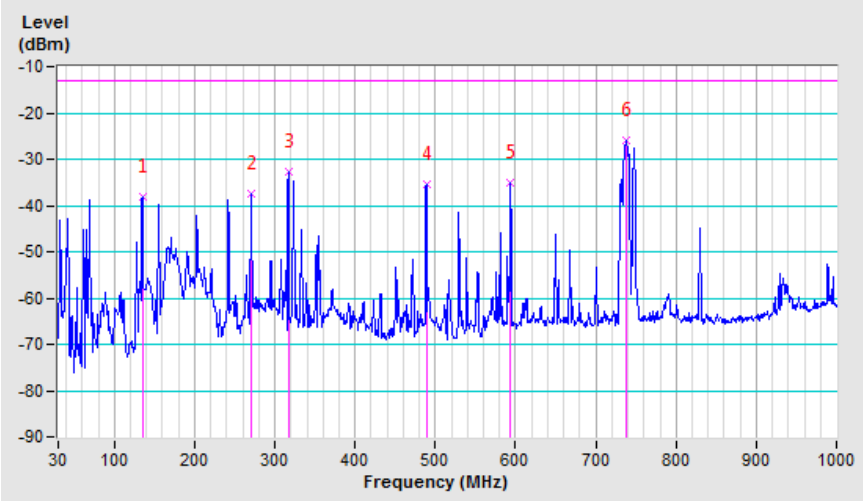
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Vertical	Beam ID	1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	134.76	-33.4	-37.7	-0.3	-38.0	-13.0	-25.0
2	269.59	-40.8	-42.9	5.3	-37.6	-13.0	-24.6
3	317.12	-32.0	-38.0	5.2	-32.8	-13.0	-19.8
4	488.81	-34.4	-40.5	5.0	-35.5	-13.0	-22.5
5	593.57	-38.2	-39.5	4.5	-35.0	-13.0	-22.0
6	737.13	-31.4	-30.7	4.8	-25.9	-13.0	-12.9

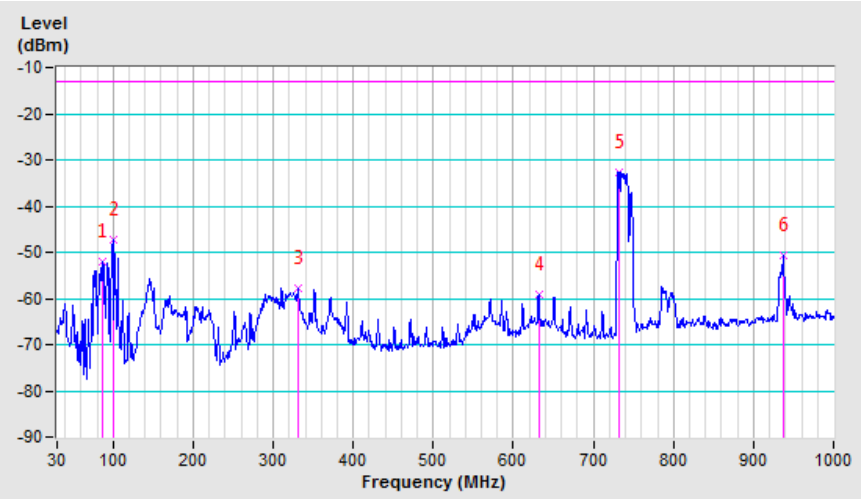
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Horizontal	Beam ID	1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	87.23	-44.8	-52.3	0.4	-51.9	-13.0	-38.9
2	99.84	-39.7	-48.1	0.9	-47.2	-13.0	-34.2
3	330.70	-54.0	-62.9	5.2	-57.7	-13.0	-44.7
4	631.40	-60.4	-63.9	4.6	-59.3	-13.0	-46.3
5	731.31	-35.9	-37.5	4.9	-32.6	-13.0	-19.6
6	936.95	-57.9	-54.7	3.9	-50.8	-13.0	-37.8

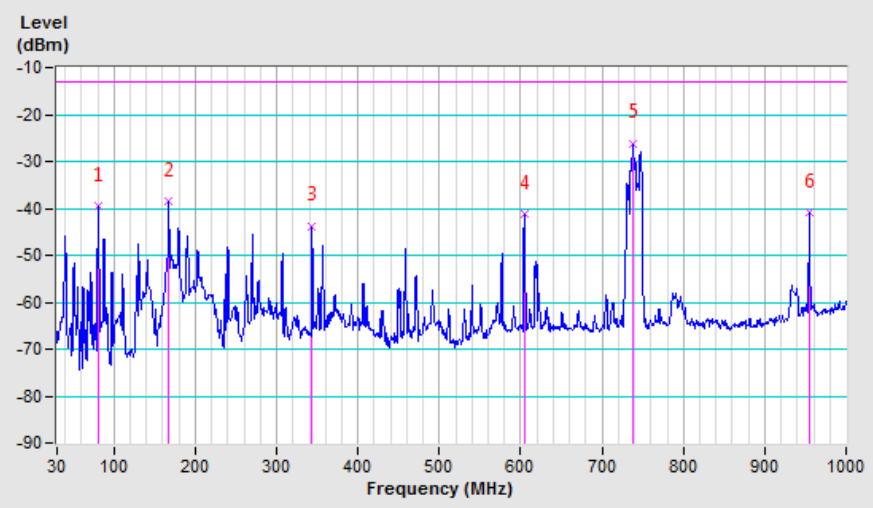
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Vertical	Beam ID	1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	80.44	-35.8	-37.8	-1.6	-39.4	-13.0	-26.4
2	167.74	-38.4	-39.7	1.3	-38.4	-13.0	-25.4
3	343.31	-42.7	-48.9	5.2	-43.7	-13.0	-30.7
4	604.24	-45.0	-45.7	4.5	-41.2	-13.0	-28.2
5	737.13	-31.6	-30.9	4.8	-26.1	-13.0	-13.1
6	954.41	-49.9	-44.6	3.9	-40.7	-13.0	-27.7

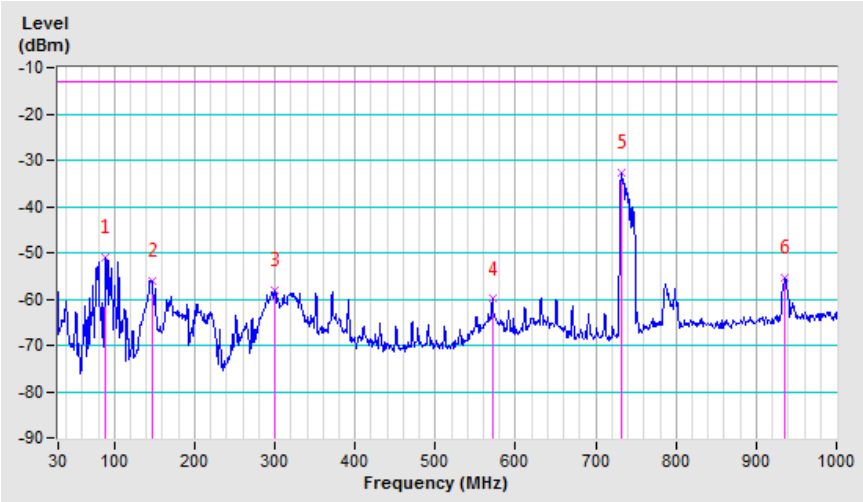
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Horizontal	Beam ID	1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	89.17	-43.5	-51.8	0.9	-50.9	-13.0	-37.9
2	146.40	-51.7	-55.9	-0.2	-56.1	-13.0	-43.1
3	300.63	-54.2	-63.2	5.1	-58.1	-13.0	-45.1
4	571.26	-59.7	-64.5	4.5	-60.0	-13.0	-47.0
5	732.28	-36.2	-37.7	4.9	-32.8	-13.0	-19.8
6	935.98	-62.5	-59.4	3.9	-55.5	-13.0	-42.5

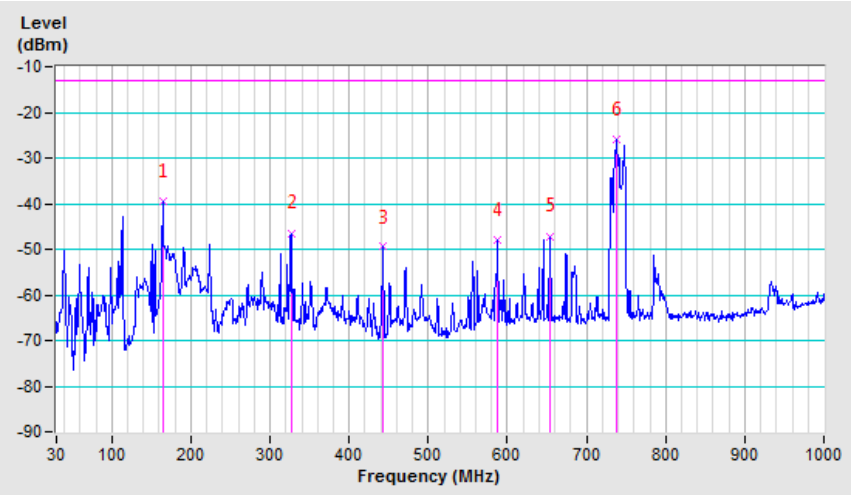
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Vertical	Beam ID	1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	164.83	-39.1	-40.5	1.0	-39.5	-13.0	-26.5
2	326.82	-45.4	-51.6	5.2	-46.4	-13.0	-33.4
3	443.22	-48.3	-54.7	5.2	-49.5	-13.0	-36.5
4	587.75	-50.8	-52.3	4.5	-47.8	-13.0	-34.8
5	653.71	-51.7	-52.0	4.9	-47.1	-13.0	-34.1
6	737.13	-31.3	-30.6	4.8	-25.8	-13.0	-12.8

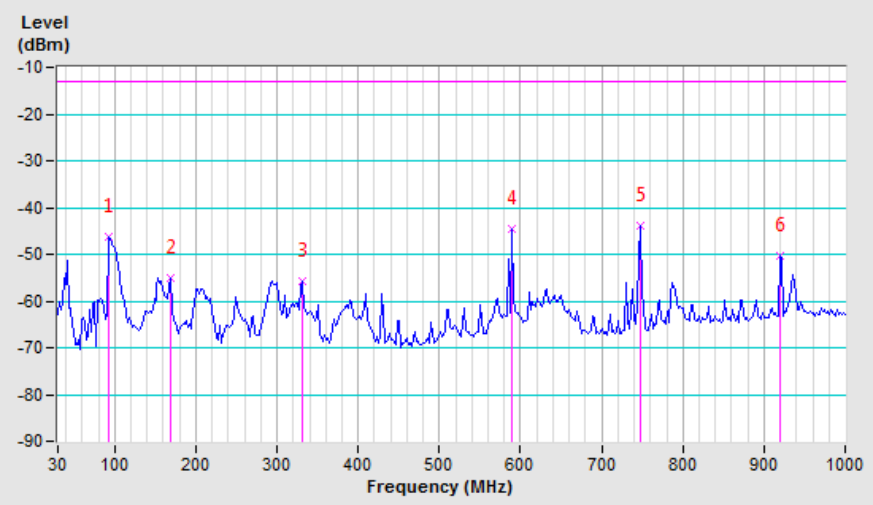
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Horizontal	Beam ID	10

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	92.08	-38.4	-47.4	1.1	-46.3	-13.0	-33.3
2	169.68	-48.4	-56.6	1.6	-55.0	-13.0	-42.0
3	330.70	-52.1	-61.0	5.2	-55.8	-13.0	-42.8
4	588.72	-44.7	-49.1	4.5	-44.6	-13.0	-31.6
5	747.80	-47.5	-48.6	4.7	-43.9	-13.0	-30.9
6	920.46	-57.2	-54.1	3.9	-50.2	-13.0	-37.2

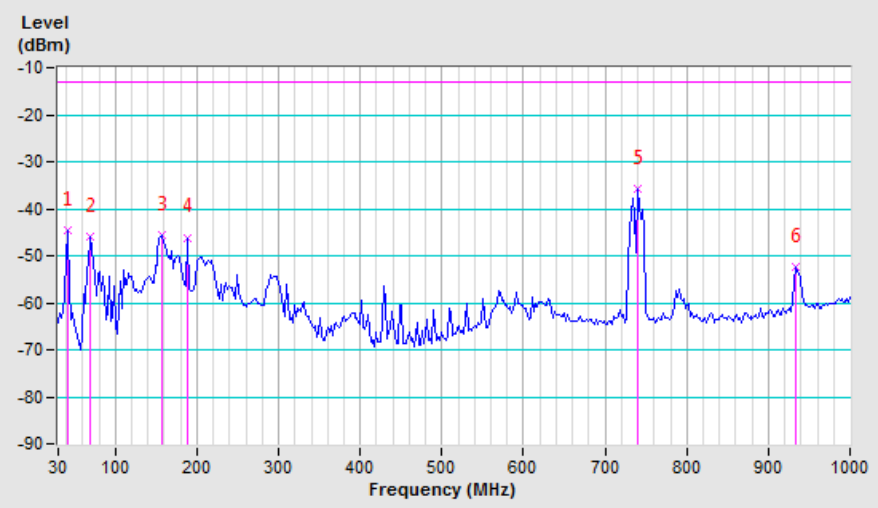
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Vertical	Beam ID	10

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.64	-37.9	-34.0	-10.6	-44.6	-13.0	-31.6
2	68.80	-39.7	-40.5	-5.3	-45.8	-13.0	-32.8
3	158.04	-45.3	-46.0	0.3	-45.7	-13.0	-32.7
4	189.08	-43.5	-50.2	4.1	-46.1	-13.0	-33.1
5	740.04	-41.3	-40.5	4.8	-35.7	-13.0	-22.7
6	934.04	-61.1	-56.3	3.9	-52.4	-13.0	-39.4

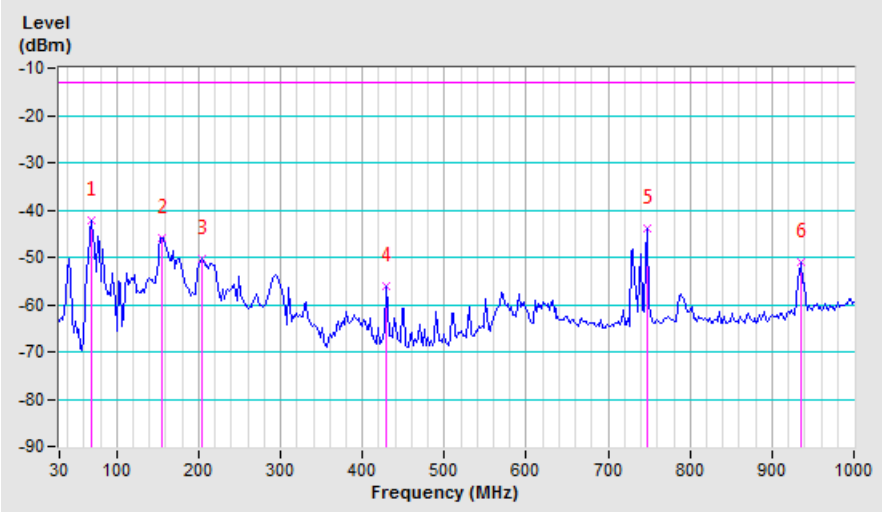
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Horizontal	Beam ID	10

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	94.02	-38.0	-46.8	1.0	-45.8	-13.0	-32.8
2	204.60	-46.9	-61.1	5.4	-55.7	-13.0	-42.7
3	330.70	-51.9	-60.8	5.2	-55.6	-13.0	-42.6
4	629.46	-58.7	-62.2	4.6	-57.6	-13.0	-44.6
5	743.92	-36.9	-38.0	4.7	-33.3	-13.0	-20.3
6	920.46	-55.5	-52.4	3.9	-48.5	-13.0	-35.5

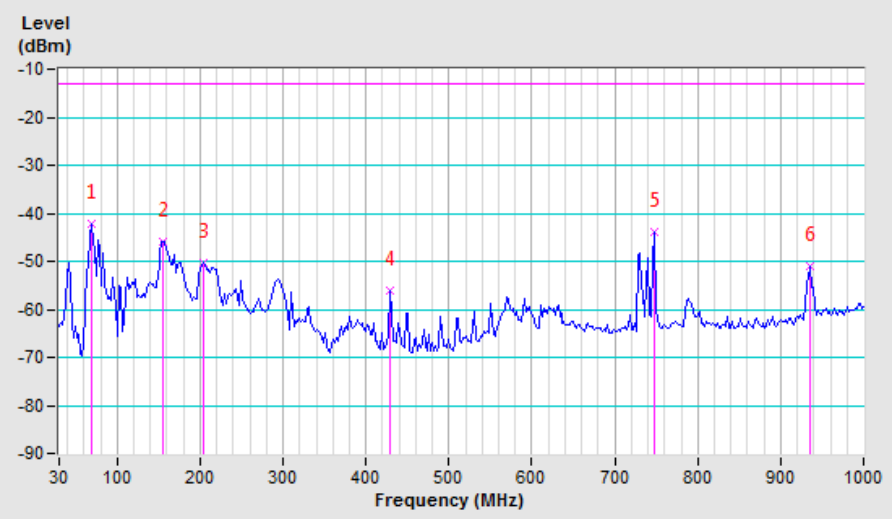
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Vertical	Beam ID	10

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	68.80	-36.2	-37.0	-5.3	-42.3	-13.0	-29.3
2	156.10	-45.0	-46.0	0.2	-45.8	-13.0	-32.8
3	204.60	-48.7	-55.8	5.4	-50.4	-13.0	-37.4
4	429.64	-54.5	-61.2	5.2	-56.0	-13.0	-43.0
5	747.80	-49.6	-48.7	4.7	-44.0	-13.0	-31.0
6	935.98	-59.8	-55.0	3.9	-51.1	-13.0	-38.1

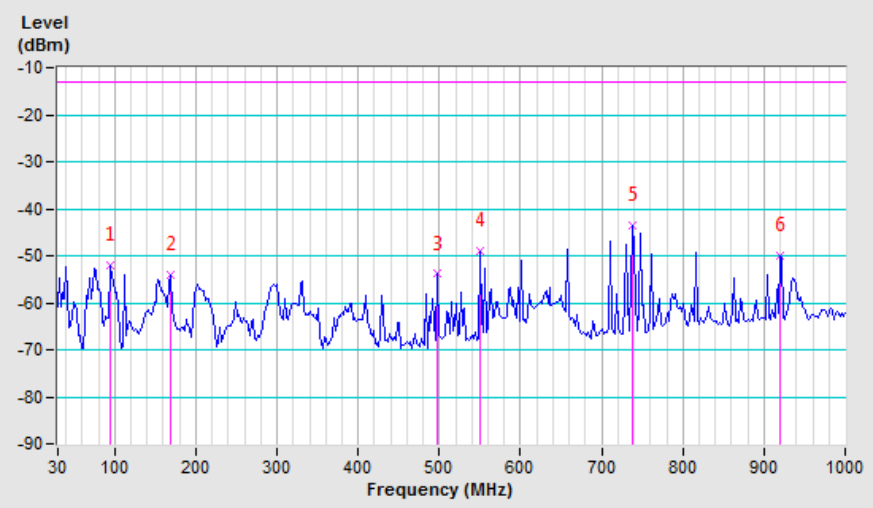
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Horizontal	Beam ID	10

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	94.02	-44.1	-52.9	1.0	-51.9	-13.0	-38.9
2	169.68	-47.4	-55.6	1.6	-54.0	-13.0	-41.0
3	497.54	-52.6	-58.8	4.9	-53.9	-13.0	-40.9
4	549.92	-48.6	-53.8	4.7	-49.1	-13.0	-36.1
5	738.10	-46.8	-48.2	4.8	-43.4	-13.0	-30.4
6	920.46	-57.1	-54.0	3.9	-50.1	-13.0	-37.1

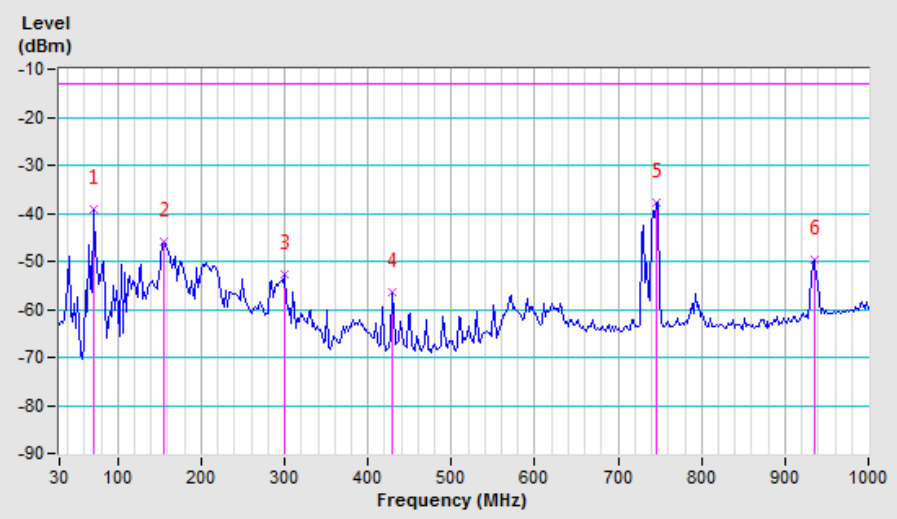
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Vertical	Beam ID	10

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	70.74	-33.5	-34.6	-4.7	-39.3	-13.0	-26.3
2	156.10	-45.2	-46.2	0.2	-46.0	-13.0	-33.0
3	299.66	-52.0	-57.7	5.1	-52.6	-13.0	-39.6
4	429.64	-54.8	-61.5	5.2	-56.3	-13.0	-43.3
5	745.86	-43.3	-42.4	4.7	-37.7	-13.0	-24.7
6	935.98	-58.5	-53.7	3.9	-49.8	-13.0	-36.8

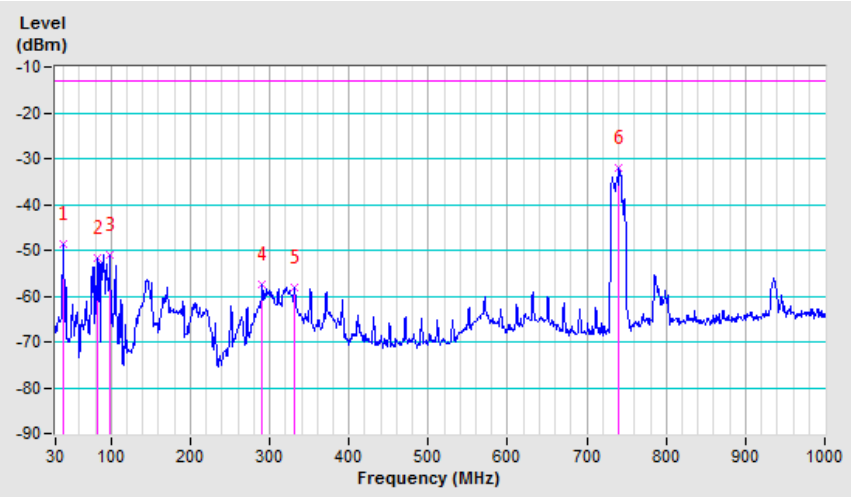
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Horizontal	Beam ID	10

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.67	-51.3	-38.0	-10.8	-48.8	-13.0	-35.8
2	82.38	-45.3	-50.8	-1.0	-51.8	-13.0	-38.8
3	98.87	-43.4	-51.8	0.9	-50.9	-13.0	-37.9
4	290.93	-53.9	-62.5	5.1	-57.4	-13.0	-44.4
5	331.67	-54.4	-63.3	5.2	-58.1	-13.0	-45.1
6	740.04	-35.5	-36.8	4.8	-32.0	-13.0	-19.0

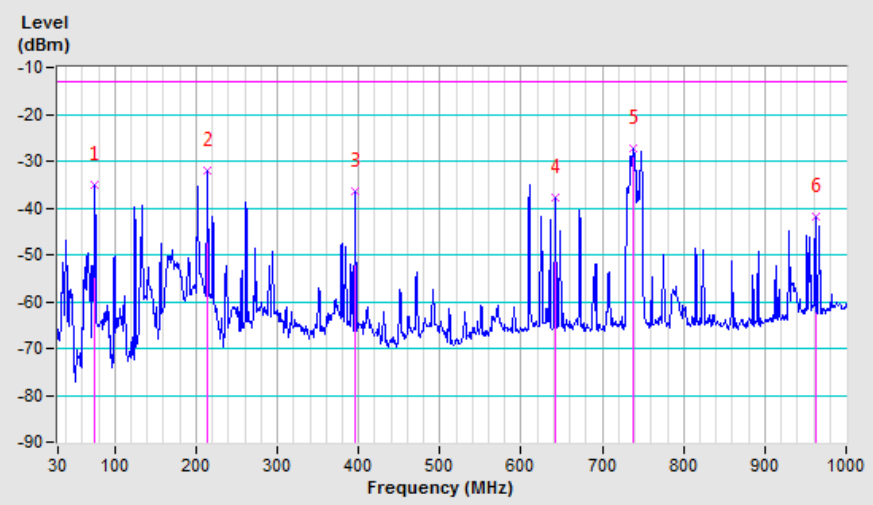
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Low
Polarity	Vertical	Beam ID	10

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	75.59	-30.6	-32.1	-3.1	-35.2	-13.0	-22.2
2	214.30	-31.0	-37.4	5.4	-32.0	-13.0	-19.0
3	396.66	-35.7	-41.7	5.2	-36.5	-13.0	-23.5
4	643.04	-42.2	-42.5	4.8	-37.7	-13.0	-24.7
5	738.10	-32.8	-32.1	4.8	-27.3	-13.0	-14.3
6	962.17	-51.1	-45.9	3.9	-42.0	-13.0	-29.0

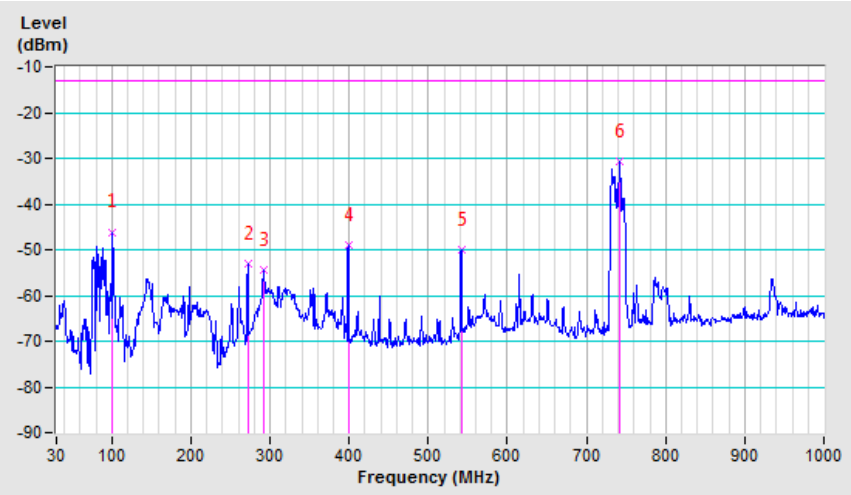
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Vertical	Beam ID	10

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	100.81	-38.6	-47.0	0.9	-46.1	-13.0	-33.1
2	271.53	-47.7	-58.3	5.3	-53.0	-13.0	-40.0
3	292.87	-50.6	-59.4	5.1	-54.3	-13.0	-41.3
4	399.57	-47.5	-54.2	5.2	-49.0	-13.0	-36.0
5	542.16	-49.3	-54.7	4.7	-50.0	-13.0	-37.0
6	741.98	-34.2	-35.3	4.7	-30.6	-13.0	-17.6

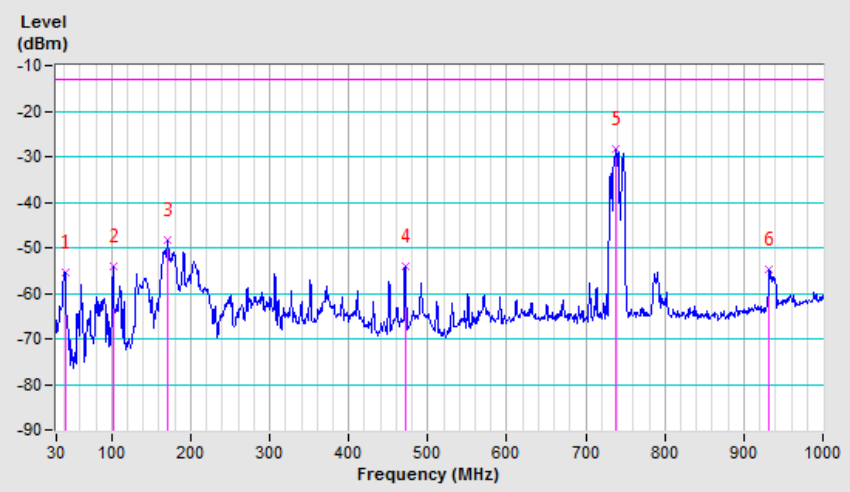
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	Middle
Polarity	Vertical	Beam ID	10

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.64	-48.6	-44.7	-10.6	-55.3	-13.0	-42.3
2	101.78	-48.2	-54.8	0.8	-54.0	-13.0	-41.0
3	171.62	-48.8	-50.2	1.8	-48.4	-13.0	-35.4
4	471.35	-53.3	-59.0	5.0	-54.0	-13.0	-41.0
5	738.10	-33.7	-33.0	4.8	-28.2	-13.0	-15.2
6	932.10	-63.2	-58.6	3.9	-54.7	-13.0	-41.7

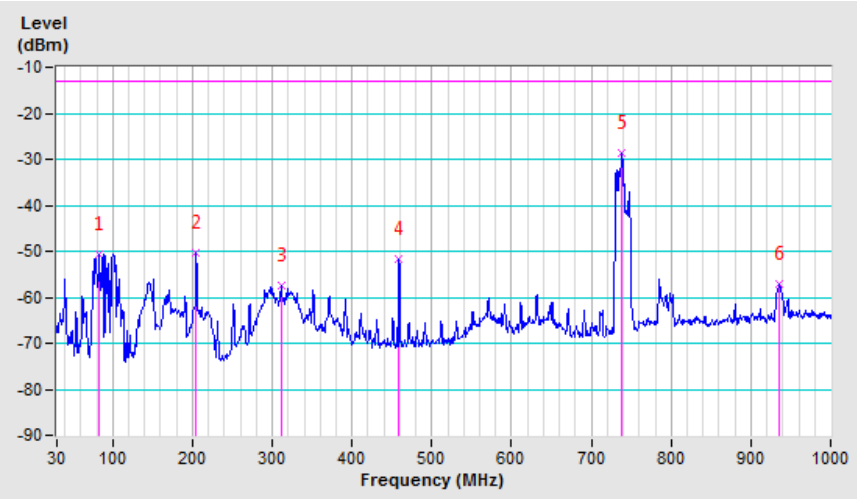
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Vertical	Beam ID	10

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	83.35	-44.3	-50.0	-0.7	-50.7	-13.0	-37.7
2	204.60	-41.4	-55.6	5.4	-50.2	-13.0	-37.2
3	311.30	-52.8	-62.4	5.1	-57.3	-13.0	-44.3
4	458.74	-50.6	-56.7	5.0	-51.7	-13.0	-38.7
5	738.10	-32.1	-33.5	4.8	-28.7	-13.0	-15.7
6	935.01	-64.1	-60.9	3.9	-57.0	-13.0	-44.0

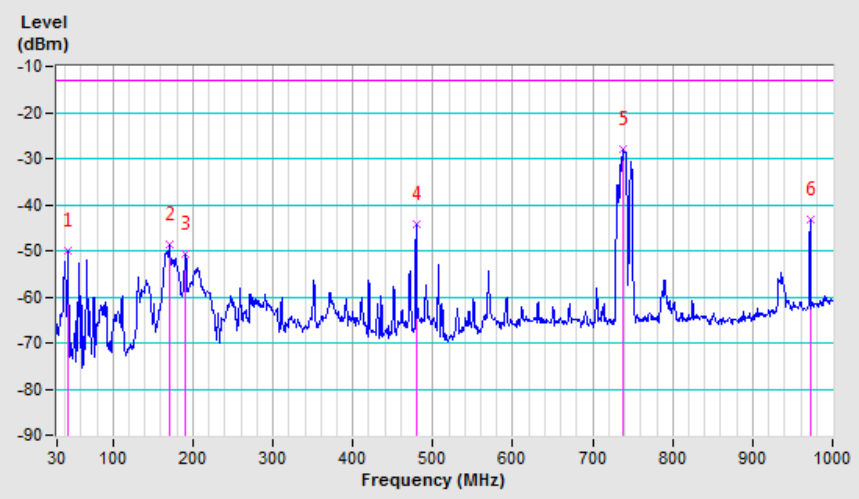
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B (Horizontal+Vertical)
Frequency Range	Below 1000 MHz	Channel	High
Polarity	Vertical	Beam ID	10

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	44.55	-43.7	-39.8	-10.1	-49.9	-13.0	-36.9
2	170.65	-49.1	-50.4	1.7	-48.7	-13.0	-35.7
3	191.02	-47.3	-54.9	4.3	-50.6	-13.0	-37.6
4	479.11	-43.2	-49.2	5.0	-44.2	-13.0	-31.2
5	738.10	-33.5	-32.8	4.8	-28.0	-13.0	-15.0
6	971.87	-52.6	-47.0	3.9	-43.1	-13.0	-30.1

Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



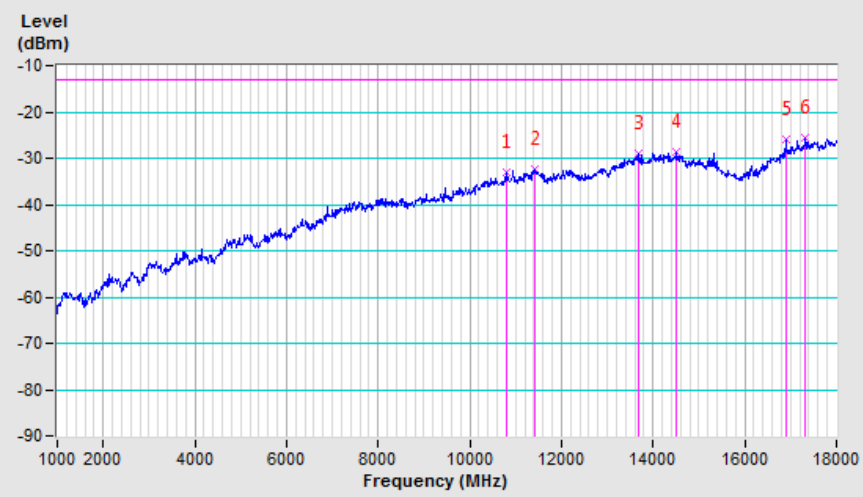
Above 1GHz Data:

1GHz-18GHz:

Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Horizontal	Beam ID	Full Beam / Horizontal

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	10792.00	-63.1	-35.3	2.3	-33.0	-13.0	-20.0
2	11421.00	-63.6	-34.7	2.4	-32.3	-13.0	-19.3
3	13665.00	-64.2	-31.5	2.4	-29.1	-13.0	-16.1
4	14515.00	-63.9	-30.2	1.5	-28.7	-13.0	-15.7
5	16895.00	-61.8	-29.2	3.2	-26.0	-13.0	-13.0
6	17320.00	-62.6	-27.2	1.5	-25.7	-13.0	-12.7

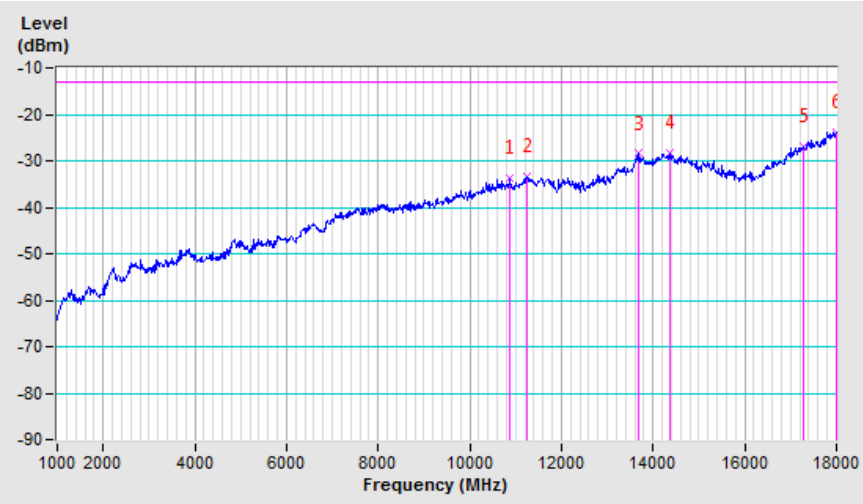
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Vertical	Beam ID	Full Beam / Vertical

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	10877.00	-63.0	-35.9	2.3	-33.6	-13.0	-20.6
2	11251.00	-64.4	-35.7	2.3	-33.4	-13.0	-20.4
3	13682.00	-64.1	-30.9	2.4	-28.5	-13.0	-15.5
4	14379.00	-64.3	-29.9	1.5	-28.4	-13.0	-15.4
5	17269.00	-63.7	-28.5	1.6	-26.9	-13.0	-13.9
6	17983.00	-63.8	-18.9	-4.9	-23.8	-13.0	-10.8

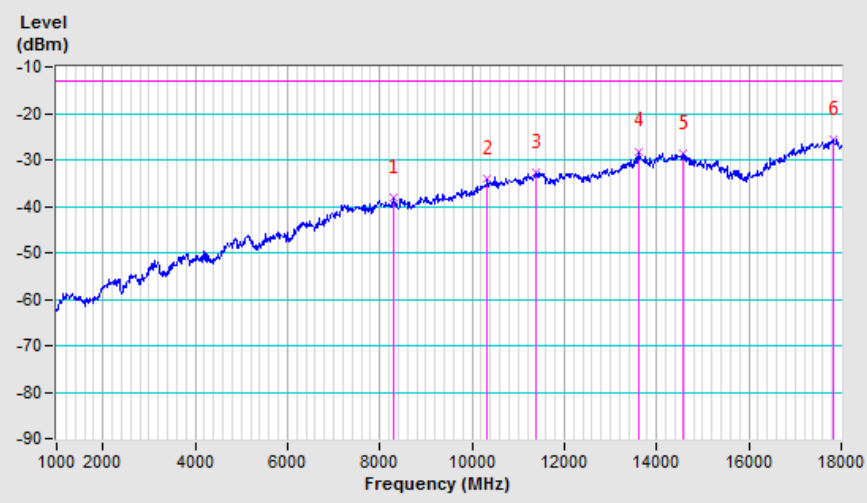
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Horizontal	Beam ID	Full Beam / Horizontal

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	8293.00	-63.1	-42.6	4.5	-38.1	-13.0	-25.1
2	10333.00	-63.5	-37.0	3.0	-34.0	-13.0	-21.0
3	11370.00	-64.0	-35.2	2.4	-32.8	-13.0	-19.8
4	13597.00	-63.5	-30.5	2.4	-28.1	-13.0	-15.1
5	14583.00	-63.4	-30.3	1.6	-28.7	-13.0	-15.7
6	17813.00	-63.5	-22.7	-2.9	-25.6	-13.0	-12.6

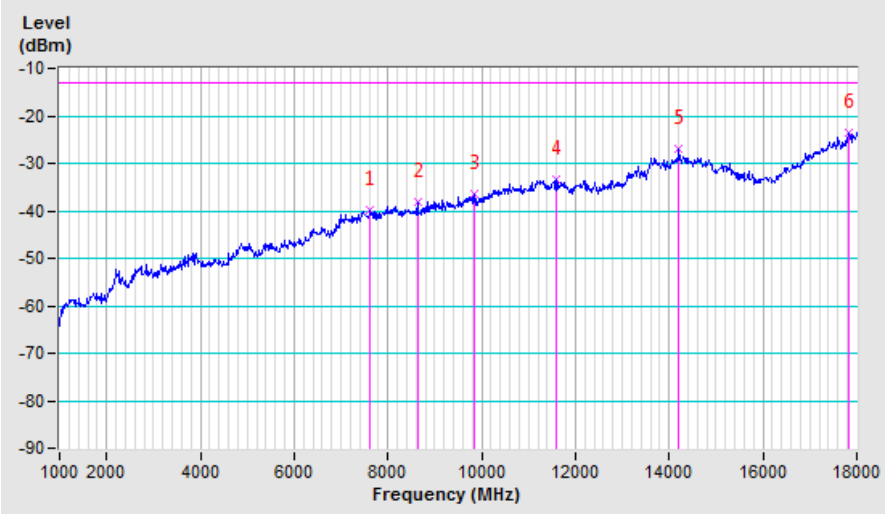
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Vertical	Beam ID	Full Beam / Vertical

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	7630.00	-64.0	-44.1	4.2	-39.9	-13.0	-26.9
2	8633.00	-62.7	-42.8	4.8	-38.0	-13.0	-25.0
3	9857.00	-63.6	-40.1	3.7	-36.4	-13.0	-23.4
4	11591.00	-63.4	-35.8	2.5	-33.3	-13.0	-20.3
5	14209.00	-63.0	-28.7	1.6	-27.1	-13.0	-14.1
6	17813.00	-63.3	-20.8	-2.9	-23.7	-13.0	-10.7

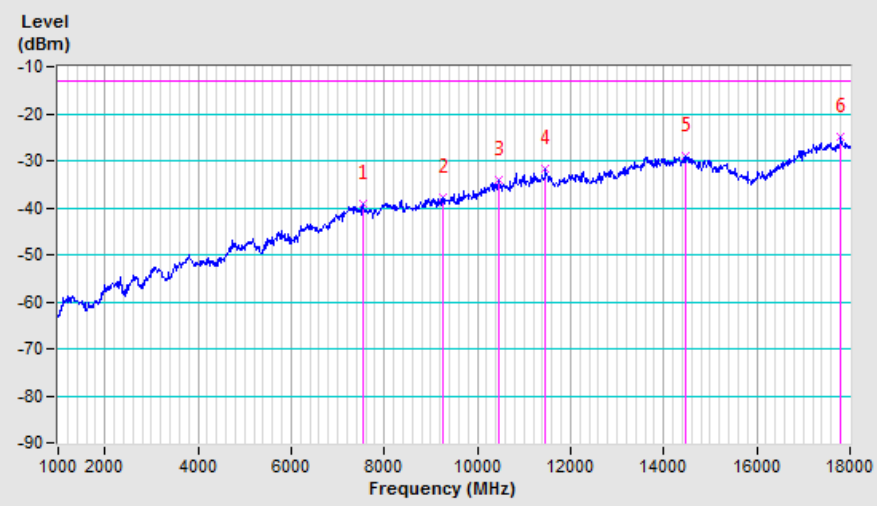
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Horizontal	Beam ID	Full Beam / Horizontal

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	7545.00	-63.8	-43.3	4.2	-39.1	-13.0	-26.1
2	9262.00	-64.2	-42.0	4.3	-37.7	-13.0	-24.7
3	10452.00	-63.9	-37.1	2.9	-34.2	-13.0	-21.2
4	11455.00	-63.1	-34.2	2.4	-31.8	-13.0	-18.8
5	14464.00	-64.3	-30.5	1.4	-29.1	-13.0	-16.1
6	17796.00	-62.9	-22.2	-2.8	-25.0	-13.0	-12.0

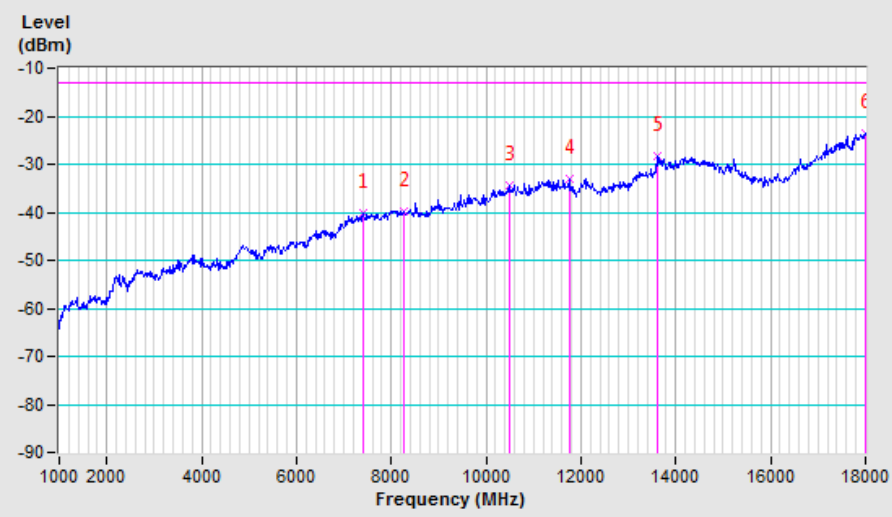
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Vertical	Beam ID	Full Beam / Vertical

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	7409.00	-64.0	-44.4	4.3	-40.1	-13.0	-27.1
2	8276.00	-63.9	-44.2	4.5	-39.7	-13.0	-26.7
3	10486.00	-63.7	-37.1	2.7	-34.4	-13.0	-21.4
4	11761.00	-63.7	-36.0	3.0	-33.0	-13.0	-20.0
5	13597.00	-63.8	-30.8	2.4	-28.4	-13.0	-15.4
6	18000.00	-63.9	-18.6	-5.1	-23.7	-13.0	-10.7

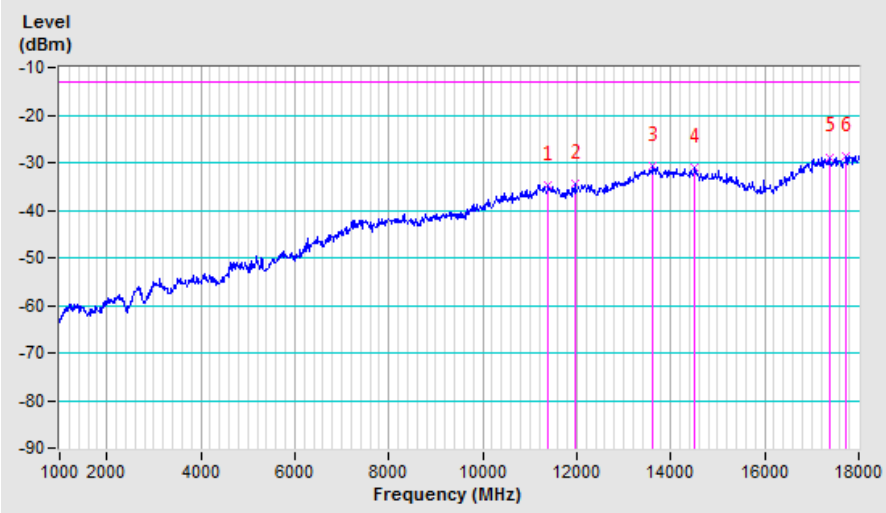
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Horizontal	Beam ID	Full Beam / Horizontal + Vertical

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11387.00	-65.8	-37.0	2.4	-34.6	-13.0	-21.6
2	11965.00	-65.5	-37.9	3.4	-34.5	-13.0	-21.5
3	13614.00	-66.2	-33.2	2.4	-30.8	-13.0	-17.8
4	14515.00	-66.3	-32.6	1.5	-31.1	-13.0	-18.1
5	17371.00	-65.6	-29.9	1.1	-28.8	-13.0	-15.8
6	17728.00	-65.7	-26.7	-1.9	-28.6	-13.0	-15.6

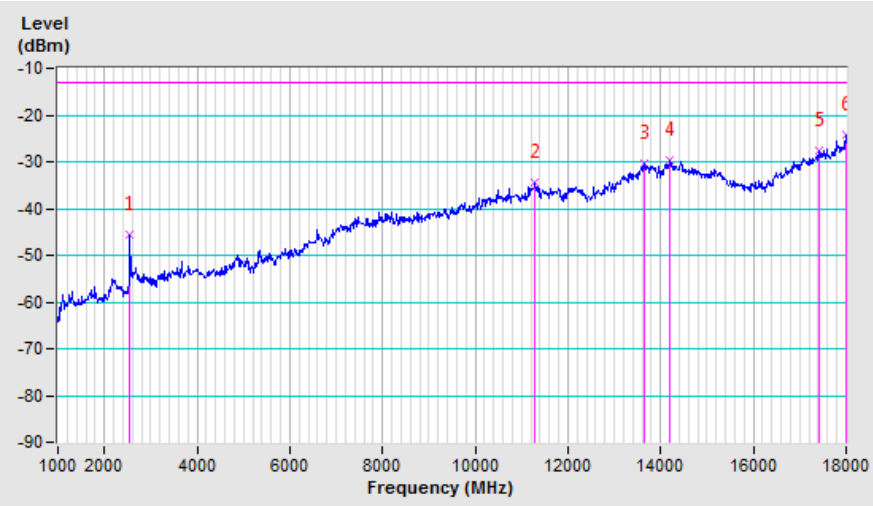
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Vertical	Beam ID	Full Beam / Horizontal + Vertical

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	2547.00	-56.8	-52.0	6.4	-45.6	-13.0	-32.6
2	11285.00	-65.6	-36.7	2.2	-34.5	-13.0	-21.5
3	13631.00	-66.0	-32.9	2.4	-30.5	-13.0	-17.5
4	14209.00	-65.7	-31.4	1.6	-29.8	-13.0	-16.8
5	17422.00	-65.2	-28.5	0.8	-27.7	-13.0	-14.7
6	17983.00	-64.4	-19.5	-4.9	-24.4	-13.0	-11.4

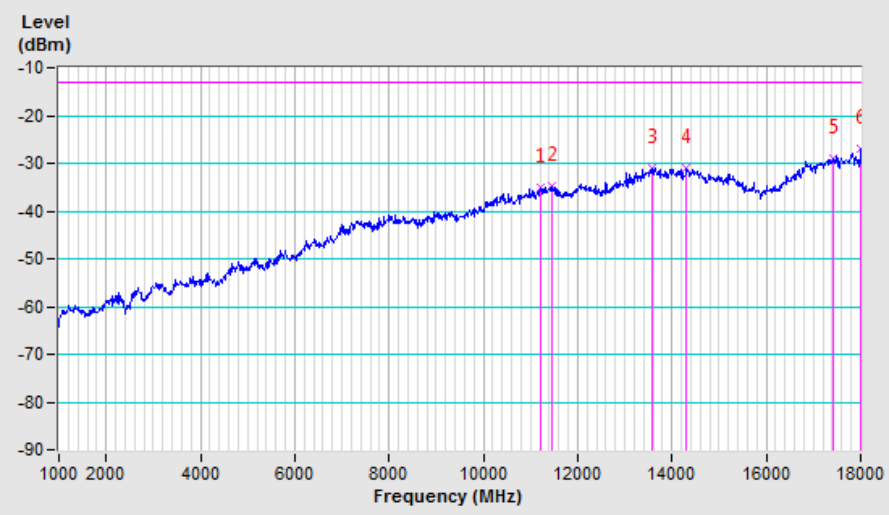
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Horizontal	Beam ID	Full Beam / Horizontal + Vertical

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11217.00	-66.3	-37.3	2.2	-35.1	-13.0	-22.1
2	11455.00	-66.2	-37.3	2.4	-34.9	-13.0	-21.9
3	13563.00	-66.4	-33.6	2.5	-31.1	-13.0	-18.1
4	14311.00	-66.1	-32.3	1.4	-30.9	-13.0	-17.9
5	17405.00	-65.8	-30.0	1.0	-29.0	-13.0	-16.0
6	18000.00	-63.8	-21.9	-5.1	-27.0	-13.0	-14.0

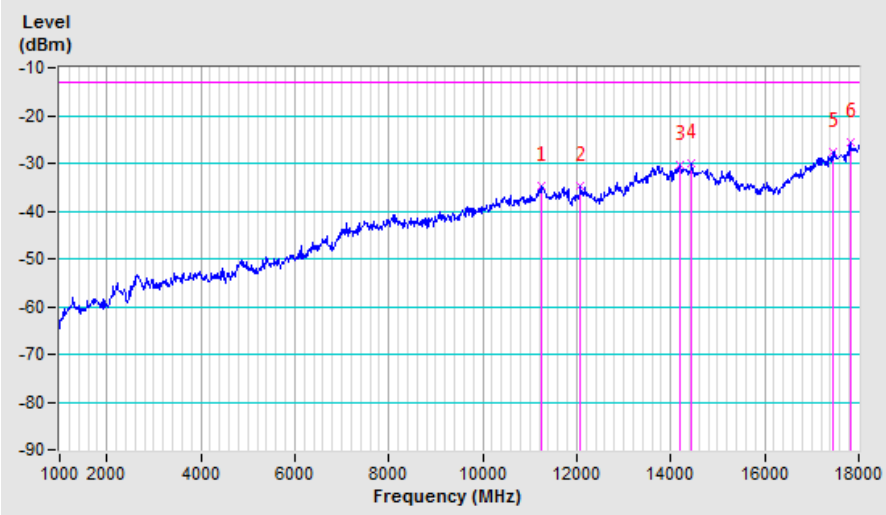
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Vertical	Beam ID	Full Beam / Horizontal + Vertical

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11234.00	-65.7	-36.9	2.2	-34.7	-13.0	-21.7
2	12084.00	-65.3	-38.4	3.7	-34.7	-13.0	-21.7
3	14192.00	-66.3	-32.1	1.6	-30.5	-13.0	-17.5
4	14447.00	-65.3	-31.4	1.5	-29.9	-13.0	-16.9
5	17439.00	-65.3	-28.5	0.8	-27.7	-13.0	-14.7
6	17813.00	-65.1	-22.6	-2.9	-25.5	-13.0	-12.5

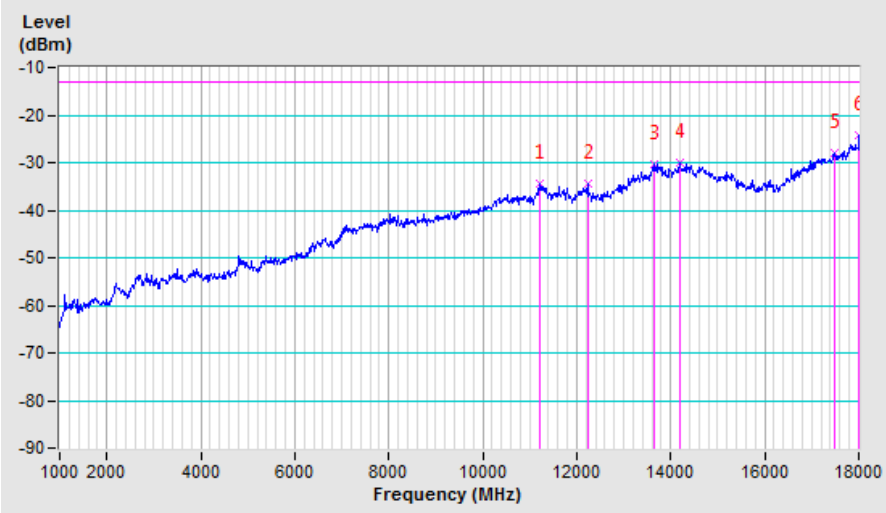
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Horizontal	Beam ID	Full Beam / Horizontal + Vertical

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	10571.00	-66.0	-39.0	2.7	-36.3	-13.0	-23.3
2	11540.00	-65.4	-36.9	2.5	-34.4	-13.0	-21.4
3	13512.00	-64.9	-32.6	2.7	-29.9	-13.0	-16.9
4	15059.00	-65.7	-35.6	3.4	-32.2	-13.0	-19.2
5	17286.00	-65.7	-30.5	1.6	-28.9	-13.0	-15.9
6	17575.00	-65.0	-27.8	-0.2	-28.0	-13.0	-15.0

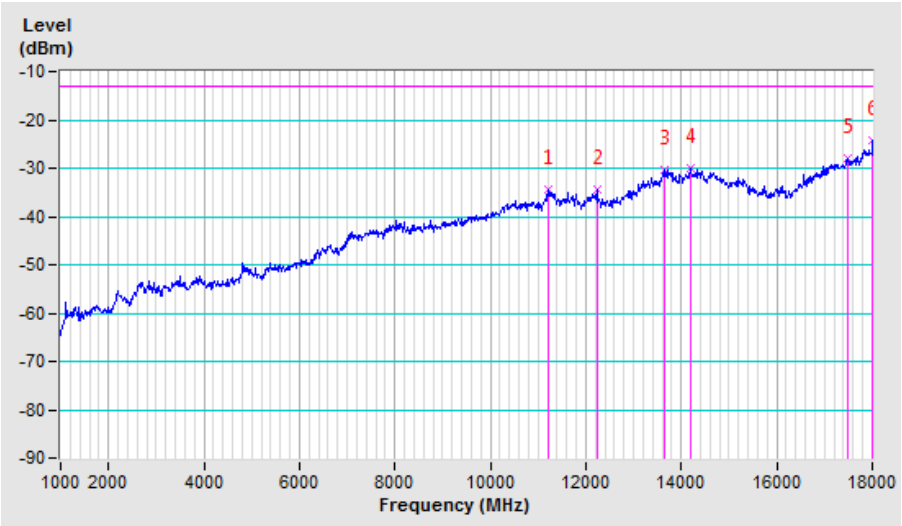
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	A
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Vertical	Beam ID	Full Beam / Horizontal + Vertical

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11200.00	-65.4	-36.7	2.2	-34.5	-13.0	-21.5
2	12237.00	-64.5	-38.4	3.9	-34.5	-13.0	-21.5
3	13631.00	-65.9	-32.8	2.4	-30.4	-13.0	-17.4
4	14192.00	-65.7	-31.5	1.6	-29.9	-13.0	-16.9
5	17473.00	-65.6	-28.5	0.6	-27.9	-13.0	-14.9
6	18000.00	-64.5	-19.2	-5.1	-24.3	-13.0	-11.3

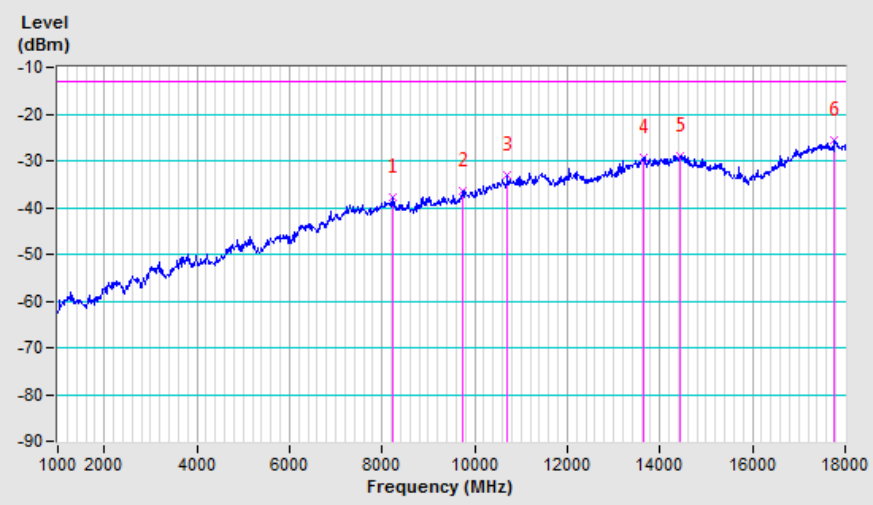
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Horizontal	Beam ID	1(Horizontal)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	8225.00	-62.7	-42.4	4.5	-37.9	-13.0	-24.9
2	9755.00	-64.0	-40.3	3.7	-36.6	-13.0	-23.6
3	10707.00	-62.4	-35.6	2.5	-33.1	-13.0	-20.1
4	13631.00	-64.7	-31.8	2.4	-29.4	-13.0	-16.4
5	14430.00	-64.0	-30.4	1.5	-28.9	-13.0	-15.9
6	17762.00	-63.1	-23.3	-2.3	-25.6	-13.0	-12.6

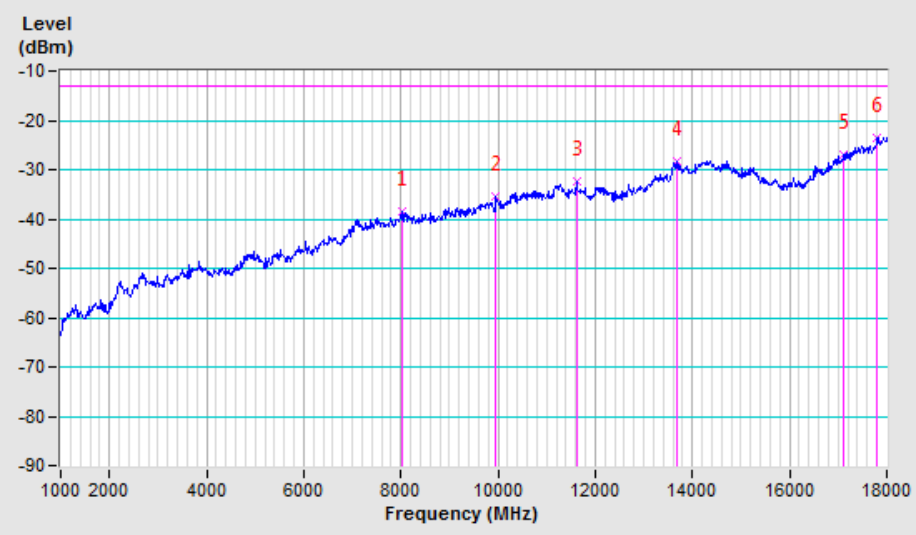
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Vertical	Beam ID	1(Vertical)

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	8021.00	-63.2	-42.5	4.0	-38.5	-13.0	-25.5
2	9959.00	-62.7	-38.9	3.6	-35.3	-13.0	-22.3
3	11608.00	-62.6	-35.1	2.6	-32.5	-13.0	-19.5
4	13665.00	-63.8	-30.6	2.4	-28.2	-13.0	-15.2
5	17116.00	-63.2	-28.9	2.0	-26.9	-13.0	-13.9
6	17796.00	-63.0	-20.6	-2.8	-23.4	-13.0	-10.4

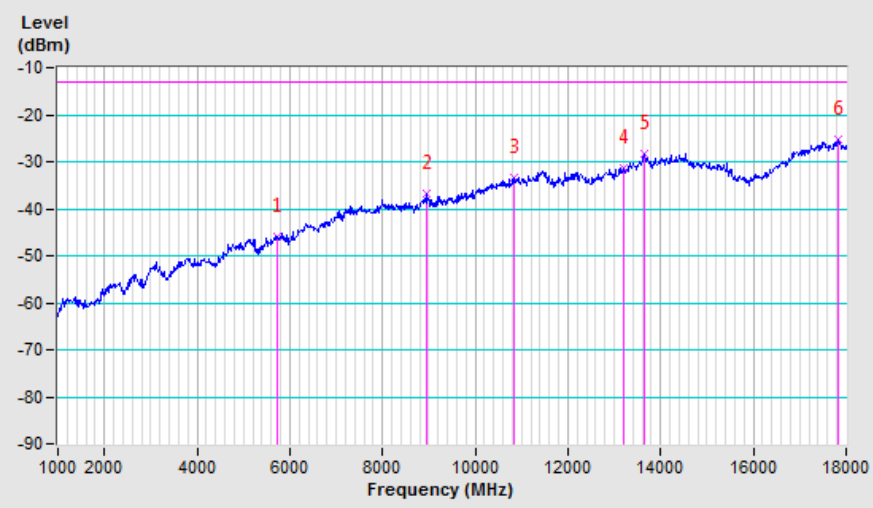
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Horizontal	Beam ID	1(Horizontal)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5726.00	-65.7	-52.6	6.7	-45.9	-13.0	-32.9
2	8956.00	-62.7	-41.6	4.7	-36.9	-13.0	-23.9
3	10826.00	-63.6	-35.6	2.3	-33.3	-13.0	-20.3
4	13189.00	-64.6	-34.4	3.1	-31.3	-13.0	-18.3
5	13648.00	-63.5	-30.6	2.3	-28.3	-13.0	-15.3
6	17813.00	-63.1	-22.3	-2.9	-25.2	-13.0	-12.2

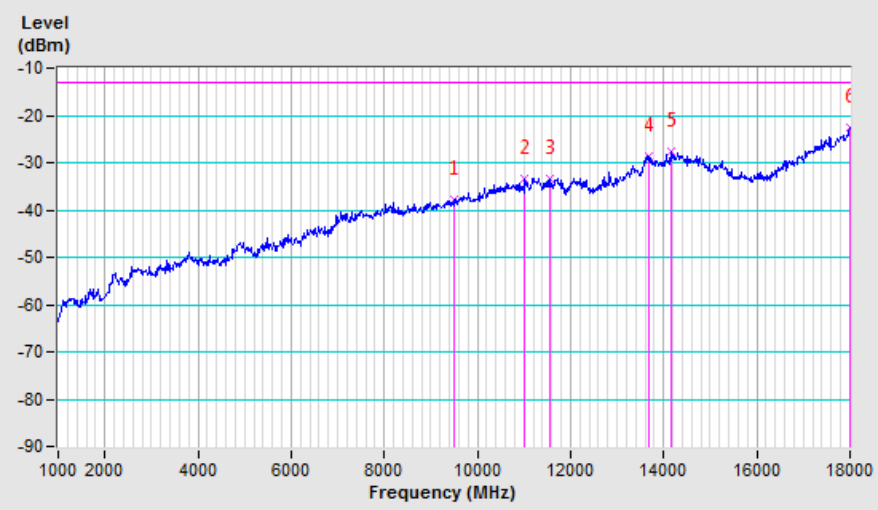
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Vertical	Beam ID	1(Vertical)

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	9483.00	-64.5	-41.9	4.0	-37.9	-13.0	-24.9
2	11013.00	-62.7	-35.4	2.1	-33.3	-13.0	-20.3
3	11557.00	-63.3	-35.8	2.5	-33.3	-13.0	-20.3
4	13665.00	-64.3	-31.1	2.4	-28.7	-13.0	-15.7
5	14175.00	-63.2	-29.1	1.6	-27.5	-13.0	-14.5
6	18000.00	-62.8	-17.5	-5.1	-22.6	-13.0	-9.6

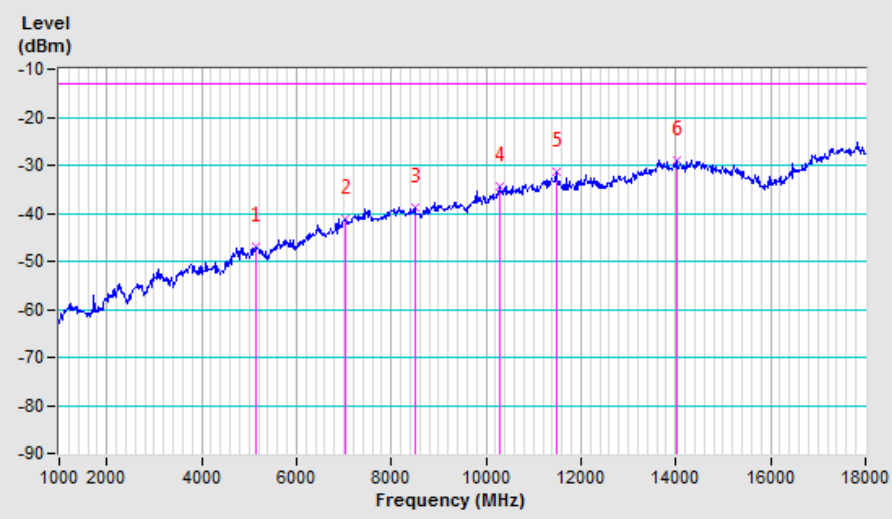
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Horizontal	Beam ID	1(Horizontal)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5148.00	-65.5	-53.6	6.6	-47.0	-13.0	-34.0
2	7018.00	-64.8	-45.8	4.7	-41.1	-13.0	-28.1
3	8497.00	-63.9	-43.7	4.8	-38.9	-13.0	-25.9
4	10282.00	-63.8	-37.6	3.1	-34.5	-13.0	-21.5
5	11472.00	-62.6	-33.7	2.4	-31.3	-13.0	-18.3
6	14022.00	-63.8	-30.5	1.6	-28.9	-13.0	-15.9

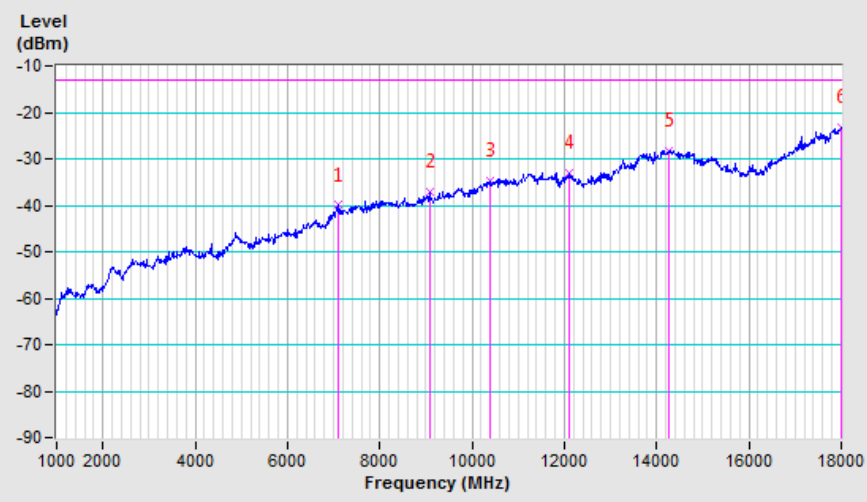
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Vertical	Beam ID	1(Vertical)

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	7103.00	-63.7	-44.7	4.7	-40.0	-13.0	-27.0
2	9075.00	-62.9	-41.7	4.5	-37.2	-13.0	-24.2
3	10384.00	-63.7	-37.5	2.9	-34.6	-13.0	-21.6
4	12118.00	-63.5	-36.6	3.7	-32.9	-13.0	-19.9
5	14260.00	-64.2	-29.8	1.5	-28.3	-13.0	-15.3
6	18000.00	-63.3	-18.0	-5.1	-23.1	-13.0	-10.1

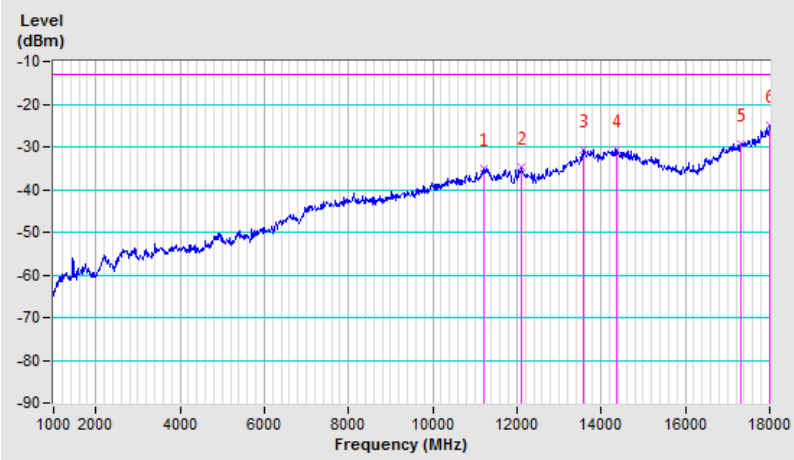
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Horizontal	Beam ID	1(Horizontal + Vertical)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11387.00	-65.5	-36.7	2.4	-34.3	-13.0	-21.3
2	13631.00	-65.5	-32.6	2.4	-30.2	-13.0	-17.2
3	15008.00	-65.6	-34.9	3.2	-31.7	-13.0	-18.7
4	16861.00	-65.8	-33.7	3.3	-30.4	-13.0	-17.4
5	17405.00	-65.5	-29.7	1.0	-28.7	-13.0	-15.7
6	17813.00	-65.3	-24.5	-2.9	-27.4	-13.0	-14.4

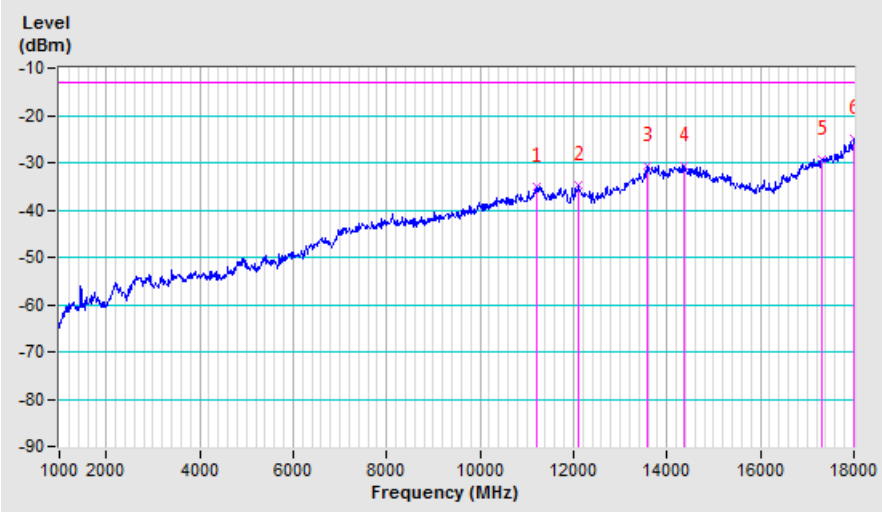
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Vertical	Beam ID	1(Horizontal + Vertical)

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11217.00	-66.1	-37.3	2.2	-35.1	-13.0	-22.1
2	12118.00	-65.3	-38.4	3.7	-34.7	-13.0	-21.7
3	13563.00	-65.4	-33.1	2.5	-30.6	-13.0	-17.6
4	14379.00	-66.6	-32.2	1.5	-30.7	-13.0	-17.7
5	17320.00	-66.3	-30.8	1.5	-29.3	-13.0	-16.3
6	17983.00	-65.0	-20.1	-4.9	-25.0	-13.0	-12.0

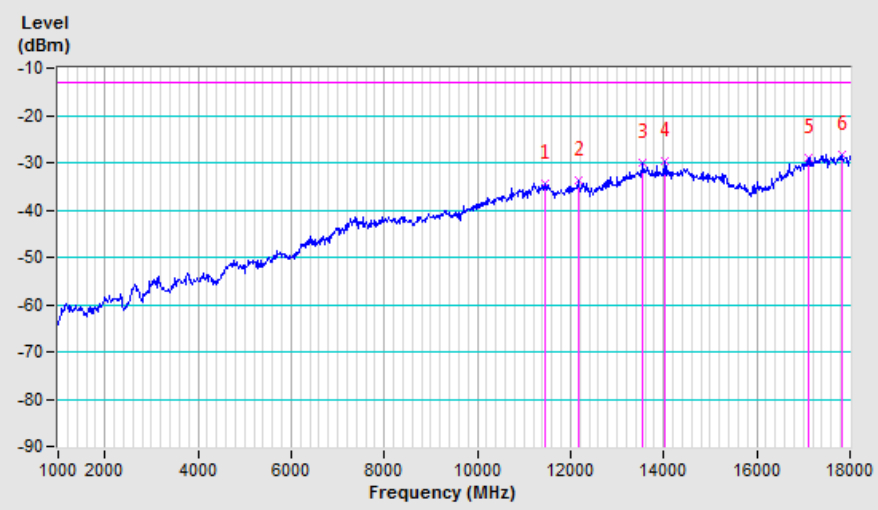
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Horizontal	Beam ID	1(Horizontal + Vertical)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11455.00	-65.7	-36.8	2.4	-34.4	-13.0	-21.4
2	12169.00	-65.2	-37.3	3.7	-33.6	-13.0	-20.6
3	13546.00	-65.3	-32.7	2.6	-30.1	-13.0	-17.1
4	14022.00	-64.5	-31.2	1.6	-29.6	-13.0	-16.6
5	17116.00	-65.0	-31.0	2.0	-29.0	-13.0	-16.0
6	17813.00	-66.3	-25.5	-2.9	-28.4	-13.0	-15.4

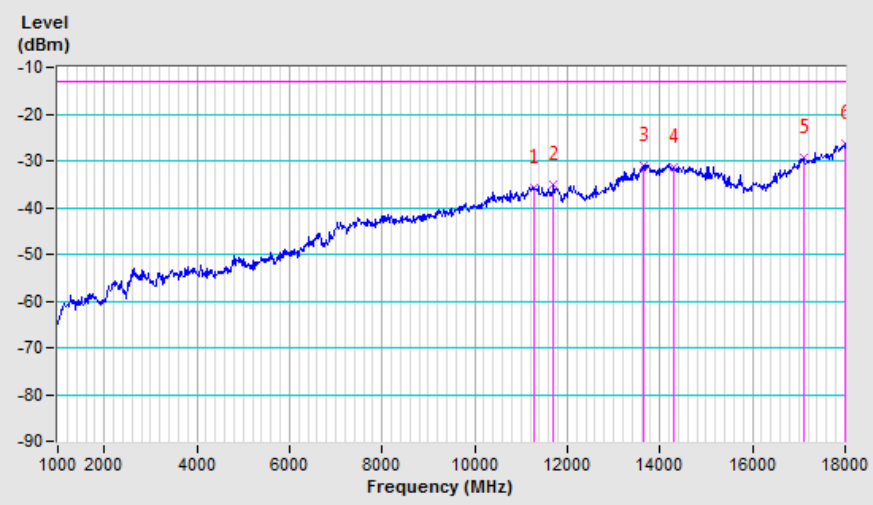
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Vertical	Beam ID	1(Horizontal + Vertical)

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11285.00	-66.8	-37.9	2.2	-35.7	-13.0	-22.7
2	11710.00	-66.0	-37.9	2.8	-35.1	-13.0	-22.1
3	13631.00	-66.5	-33.4	2.4	-31.0	-13.0	-18.0
4	14311.00	-67.2	-32.7	1.4	-31.3	-13.0	-18.3
5	17099.00	-65.5	-31.3	2.1	-29.2	-13.0	-16.2
6	18000.00	-66.6	-21.3	-5.1	-26.4	-13.0	-13.4

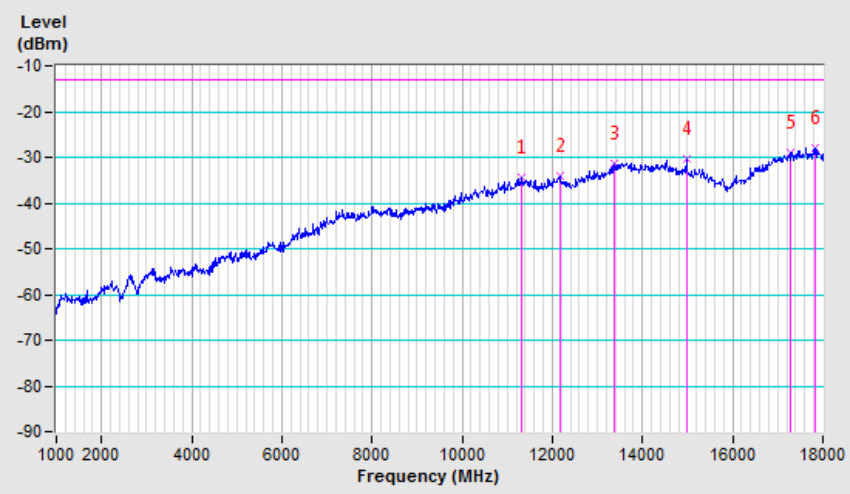
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Horizontal	Beam ID	1(Horizontal + Vertical)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11319.00	-65.3	-36.5	2.2	-34.3	-13.0	-21.3
2	12169.00	-65.5	-37.6	3.7	-33.9	-13.0	-20.9
3	13376.00	-66.0	-34.1	2.8	-31.3	-13.0	-18.3
4	14974.00	-64.1	-33.3	3.1	-30.2	-13.0	-17.2
5	17269.00	-65.7	-30.6	1.6	-29.0	-13.0	-16.0
6	17813.00	-65.7	-24.9	-2.9	-27.8	-13.0	-14.8

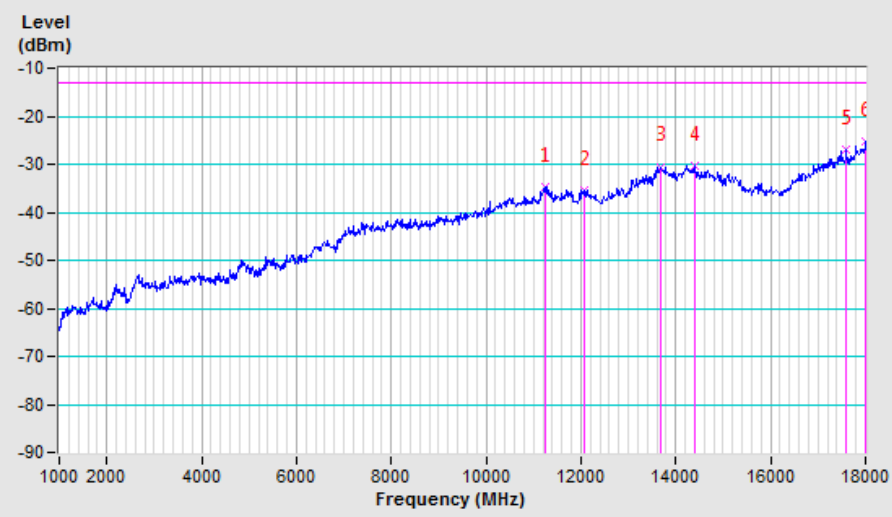
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Vertical	Beam ID	1(Horizontal + Vertical)

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	11251.00	-65.7	-37.0	2.3	-34.7	-13.0	-21.7
2	12084.00	-65.9	-39.0	3.7	-35.3	-13.0	-22.3
3	13682.00	-66.1	-32.9	2.4	-30.5	-13.0	-17.5
4	14396.00	-66.3	-31.9	1.5	-30.4	-13.0	-17.4
5	17592.00	-65.0	-26.7	-0.4	-27.1	-13.0	-14.1
6	18000.00	-65.6	-20.3	-5.1	-25.4	-13.0	-12.4

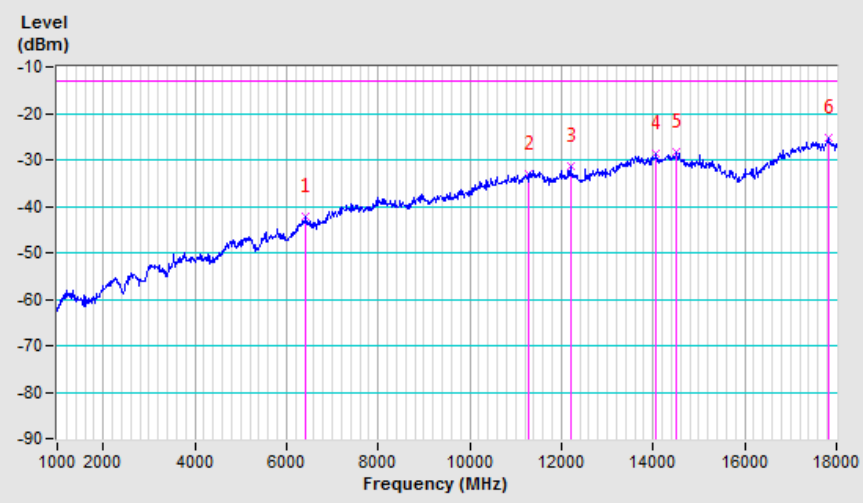
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Horizontal	Beam ID	10(Horizontal)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	6423.00	-64.0	-47.7	5.6	-42.1	-13.0	-29.1
2	11285.00	-63.9	-35.1	2.2	-32.9	-13.0	-19.9
3	12203.00	-63.1	-35.3	3.8	-31.5	-13.0	-18.5
4	14073.00	-63.5	-30.3	1.6	-28.7	-13.0	-15.7
5	14515.00	-63.6	-29.9	1.5	-28.4	-13.0	-15.4
6	17813.00	-63.1	-22.3	-2.9	-25.2	-13.0	-12.2

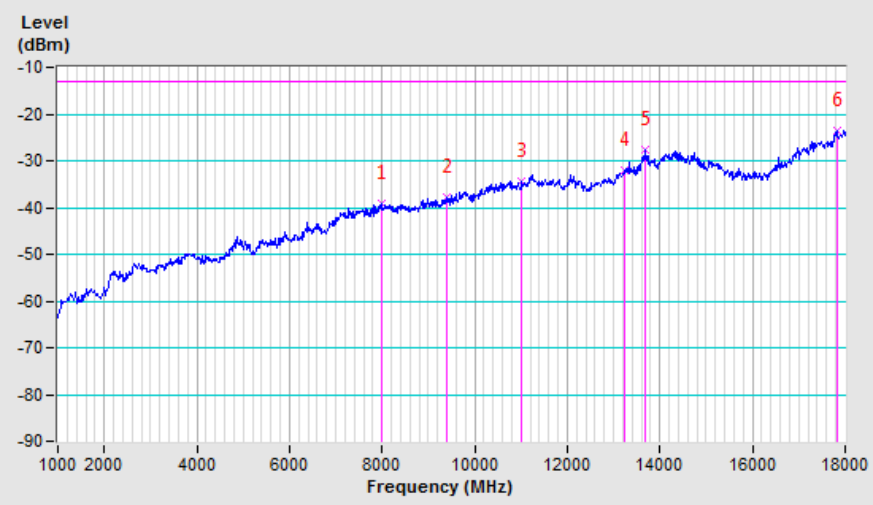
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Low
Polarity	Vertical	Beam ID	10(Vertical)

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	7987.00	-64.1	-43.3	4.0	-39.3	-13.0	-26.3
2	9381.00	-64.0	-41.9	4.1	-37.8	-13.0	-24.8
3	11013.00	-63.9	-36.6	2.1	-34.5	-13.0	-21.5
4	13223.00	-65.0	-35.0	3.1	-31.9	-13.0	-18.9
5	13665.00	-63.3	-30.1	2.4	-27.7	-13.0	-14.7
6	17813.00	-63.3	-20.8	-2.9	-23.7	-13.0	-10.7

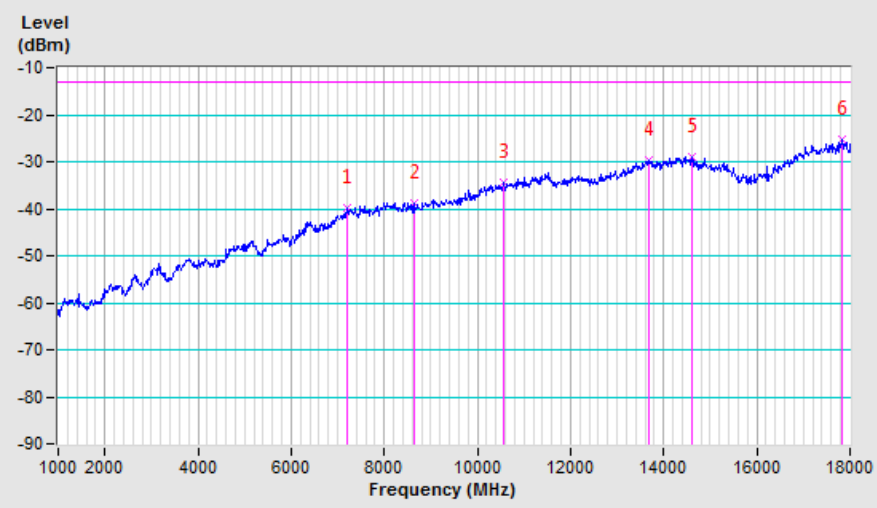
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Horizontal	Beam ID	10(Horizontal)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	7188.00	-63.9	-44.2	4.5	-39.7	-13.0	-26.7
2	8633.00	-63.7	-43.6	4.8	-38.8	-13.0	-25.8
3	10571.00	-64.2	-37.2	2.7	-34.5	-13.0	-21.5
4	13665.00	-64.8	-32.1	2.4	-29.7	-13.0	-16.7
5	14600.00	-63.7	-30.8	1.7	-29.1	-13.0	-16.1
6	17830.00	-63.1	-22.2	-3.1	-25.3	-13.0	-12.3

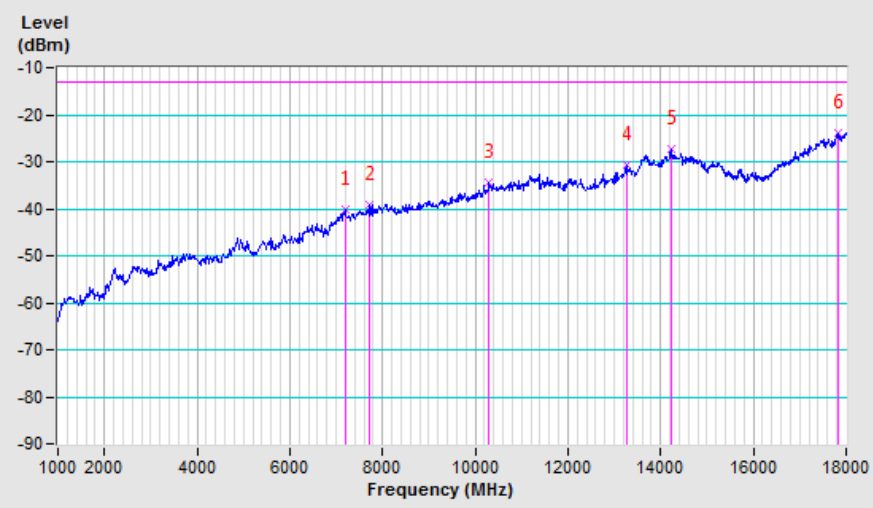
Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	Middle
Polarity	Vertical	Beam ID	10(Vertical)

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	7188.00	-63.4	-44.6	4.5	-40.1	-13.0	-27.1
2	7732.00	-63.2	-43.3	4.2	-39.1	-13.0	-26.1
3	10299.00	-63.5	-37.5	3.0	-34.5	-13.0	-21.5
4	13257.00	-64.0	-33.7	3.0	-30.7	-13.0	-17.7
5	14226.00	-63.1	-28.7	1.5	-27.2	-13.0	-14.2
6	17813.00	-63.4	-20.9	-2.9	-23.8	-13.0	-10.8

Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Band	n261	Test Mode	B
Frequency Range	1GHz ~18 GHz	Channel	High
Polarity	Horizontal	Beam ID	10(Horizontal)

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	9347.00	-63.4	-41.1	4.2	-36.9	-13.0	-23.9
2	11234.00	-62.8	-33.9	2.2	-31.7	-13.0	-18.7
3	13189.00	-64.3	-34.1	3.1	-31.0	-13.0	-18.0
4	14583.00	-63.0	-29.9	1.6	-28.3	-13.0	-15.3
5	17490.00	-62.6	-26.3	0.5	-25.8	-13.0	-12.8
6	17813.00	-63.4	-22.6	-2.9	-25.5	-13.0	-12.5

Remarks:
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).