

FCC Test Report (Part 30)

Report No.: RFBFJZ-WTW-P21050403-22

FCC ID: V65C6930

Test Model: C6930

Received Date: May 09, 2021

Test Date: Jun. 09 ~ Jun. 23, 2021

Issued Date: Aug. 13, 2021

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FCC Registration / 788550 / TW0003
Designation Number:



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Release Control Record

Issue No.	Description	Date Issued
RFBFJZ-WTW-P21050403-22	Original release.	Aug. 13, 2021

1 Certificate of Conformity

Product: SmartPhone

Brand: Kyocera

Test Model: C6930

Sample Status: Engineering sample

Applicant: Kyocera Corporation c/o Kyocera International, Inc.

Test Date: Jun. 09 ~ Jun. 23, 2021

Standards: 47 CFR FCC Part 30

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:** Aug. 13, 2021
Pettie Chen / Senior Specialist

Approved by : Bruce Chen, **Date:** Aug. 13, 2021
Bruce Chen / Senior Engineer

2 Summary of Test Results

47 CFR FCC Part 30				
FCC Clause	Test Item	Test Result	Test Condition	Remarks
2.1047	Modulation characteristics	Pass	-	Meet the requirement
2.1049	Emission Bandwidth	Pass	Radiated	Meet the requirement of limit.
30.202	EIRP	Pass		Meet the requirement of limit.
2.1051 30.203	Out-of-Band Spurious Emission	Pass		Meet the requirement of limit. Minimum passing margin is -3.89dB at 49196.50MHz.
2.1053 30.203	Out-of-Band Emission at the Band Edge	Pass		Meet the requirement of limit.
2.1055	Frequency Stability	Pass		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	Expanded Uncertainty (k=2) (±)
Radiated Emissions	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.59 dB
	200MHz ~ 1000MHz	3.60 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	SmartPhone
Brand	Kyocera
Test Model	C6930
Status of EUT	Engineering sample
Power Supply Rating	3.87Vdc from battery 5Vdc / 9Vdc / 12Vdc from adapter
Modulation Type	BPSK, QPSK, 16QAM, 64QAM
Operating Frequency	n260: 37GHz ~ 40GHz n261: 27.5GHz ~ 28.35GHz
Supported Channel Bandwidth	100MHz
Supported Carrier Component	1CC, 2CC
Max. E.I.R.P. Power (RMS)	n260: 28.77dBm n261: 29.06dBm
Antenna Connector	NA
Accessory Device	Refer to Note as below
Data Cable Supplied	Refer to Note as below
Antenna Information	Two active mmWave phased array antenna modules, each consisting of four dual polarized (H & V) elements. Only one module is enabled at a given time.
Array Gain	n260: +16.58dBi n261: +17.44dBi

Note:

1. The EUT contains following accessory devices.

Battery	
Brand	KYOCERA
Model	SCP-75LBPS
Rating	3.87 V typ / 4500 mAh/17.5 Wh typ

Adapter	
Brand	KYOCERA Corporation
Model	SCP-49ADT
Input Power	AC 100-240V, 50/60Hz 0.4A
Output Power	DC 5.0V, 1.8A / 9.0V, 1.8A / 12.0V, 1.2A

USB Cable	
Brand	KYOCERA Corporation
Model	SCP-24SDC
Signal Line	1m shielded Type A to Type C USB cable

2. The EUT contains two radio modules for millimeter wave. ‘

Millimeter wave radio module	
Radio Module	Status
Module 0 (Top)	Active
Module 1 (Right)	Active

3. The worst beam ID:

Band	Supported Carrier Component	Beam ID	
		Single Beam	MIMO Beam
n260	1CC, 2CC	150	150+22, 147+19
		22	
		147	
		19	
n261	1CC, 2CC	144	144+16, 140+12
		16	
		147	
		12	
		140	

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.

- The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.
- The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Description of Test Modes

Band	Component Carriers	Channel Bandwidth (MHz)	Beam ID	
			Single Beam	MIMO Beam
n260	1CC, 2CC	100	150, 22, 147, 19	150+22, 147+19
n261	1CC, 2CC	100	144, 16, 147, 12, 140	144+16, 140+12

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable to						Description
	EIRP	EB	RE<1G	RE≥1G	OOB	FS	
-	√	√	√	√	√	√	-

Where **EIRP**: Effective Isotropically Radiated Power **EB**: Emission Bandwidth
RE<1G: Radiated Emission below 1GHz **RE≥1G**: Radiated Emission above 1GHz
OOB: Out-of-Band Emission at the Band Edge **FS**: Frequency Stability

EIRP Power Measurement:

- ☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Band	Test Carriers	Tested Channel	Modulation	Beam ID	Mode
n260	1CC, 2CC	L, M, H	BPSK, QPSK, 16QAM, 64QAM	150, 22, 147, 19, 150+22, 147+19	1RB / 0RB offset 1RB / 32RB offset 1RB / 65RB offset Full RB
n261	1CC, 2CC	L, M, H	BPSK, QPSK, 16QAM, 64QAM	144, 16, 147, 12, 140, 144+16, 140+12	1RB / 0RB offset 1RB / 32RB offset 1RB / 65RB offset Full RB

Emission Bandwidth Measurement:

- ☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Band	Test Carriers	Tested Channel	Modulation	Beam ID	Mode
n260	1CC, 2CC	L, M, H	BPSK, QPSK, 16QAM, 64QAM	-	Full RB
n261	1CC, 2CC	L, M, H	BPSK, QPSK, 16QAM, 64QAM		Full RB

Radiated Emission Test (Below 1GHz):

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Band	Test Carriers	Tested Channel	Modulation	Beam ID	Mode
n260	1CC	L, M, H	BPSK	147+19	1RB32
n261	1CC	L, M, H	BPSK	140+12	1RB32

Radiated Emission Test (Above 1GHz):

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Band	Test Carriers	Tested Channel	Modulation	Beam ID	Mode
n260	1CC	L, M, H	BPSK	147+19	1RB32
n261	1CC	L, M, H	BPSK	140+12	1RB32

Out-of-Band Emission at the Band Edge:

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Band	Test Carriers	Tested Channel	Modulation	Beam ID	Mode
n260	1CC, 2CC	L	BPSK	150, 19, 150+22, 147+19	1RB / 0RB offset Full RB
		H			1RB / 63RB offset Full RB
n261	1CC, 2CC	L	BPSK	144, 140, 144+16, 140+12	1RB / 0RB offset Full RB
		H			1RB / 63RB offset Full RB

Frequency Stability Measurement:

- ☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Band	Test Carriers	Tested Channel	Modulation	Beam ID	Mode
n260	1CC	M	BPSK	-	Full RB
n261	1CC	M	BPSK	-	Full RB

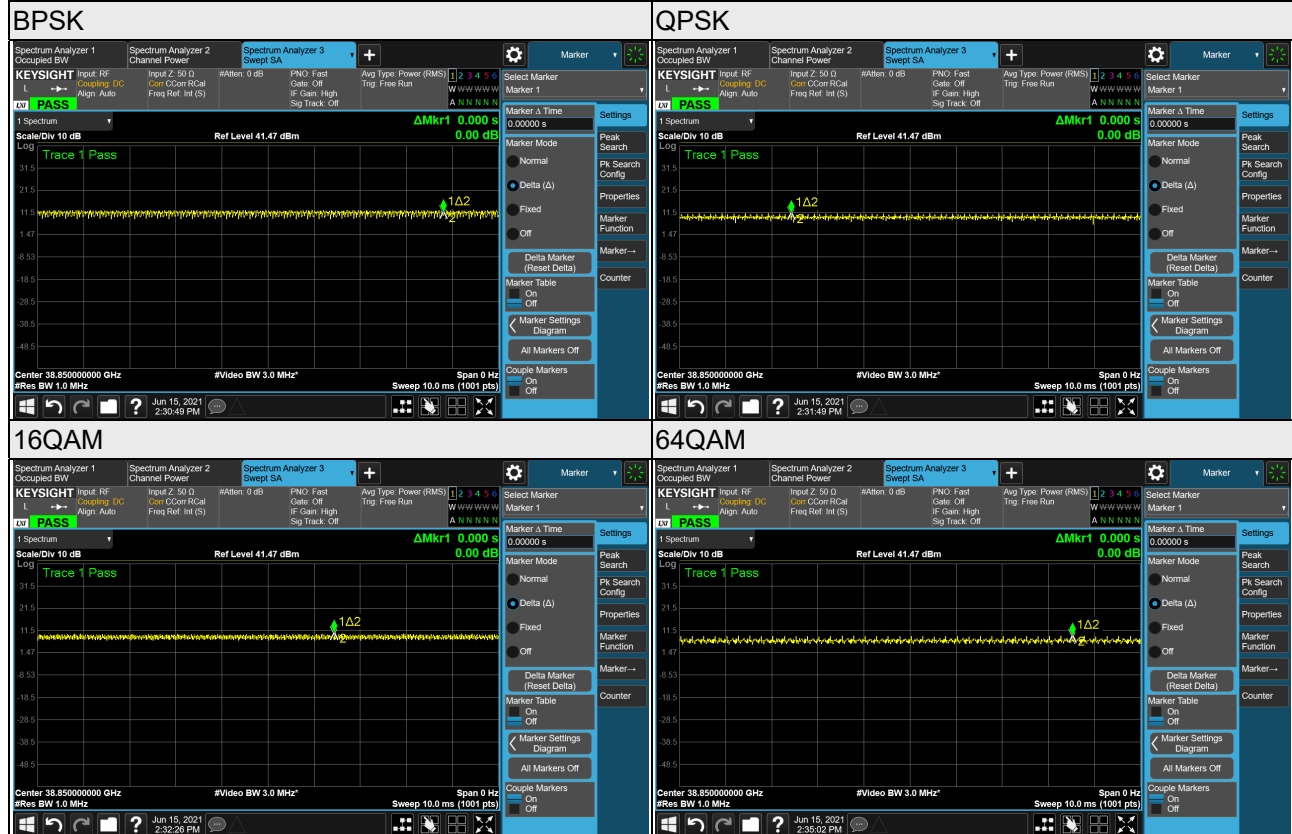
Test Condition:

Applicable to	Environmental Conditions	Input Power	Tested by
EB	25deg. C, 65%RH	120Vac, 60Hz	James Yang
EIRP	25deg. C, 65%RH	120Vac, 60Hz	James Yang
RE<1G	24deg. C, 66%RH	120Vac, 60Hz	Rex Wang
RE≥1G	24deg. C, 66%RH	120Vac, 60Hz	Rex Wang
OOB	25deg. C, 65%RH	120Vac, 60Hz	Jones Chang
FS	24deg. C, 66%RH	120Vac, 60Hz	Rex Wang

3.3 Duty Cycle of Test Signal

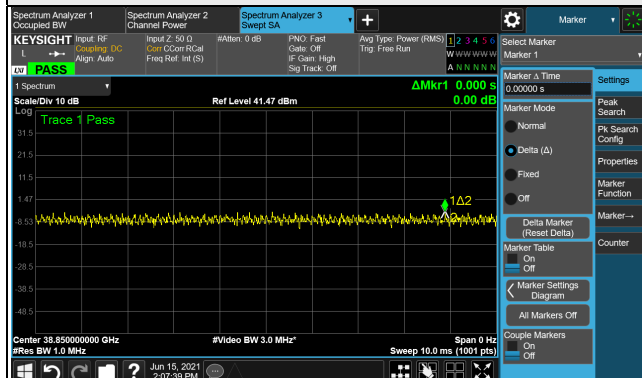
Duty cycle of test signal is 100 %.

n260: Channel Bandwidth: 100MHz: 1CC

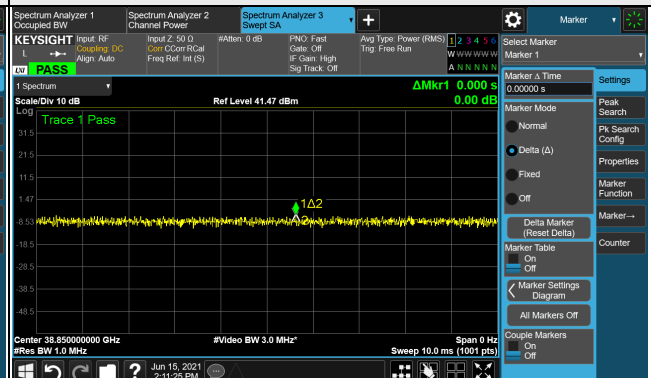


n260: Channel Bandwidth: 100MHz: 2CC

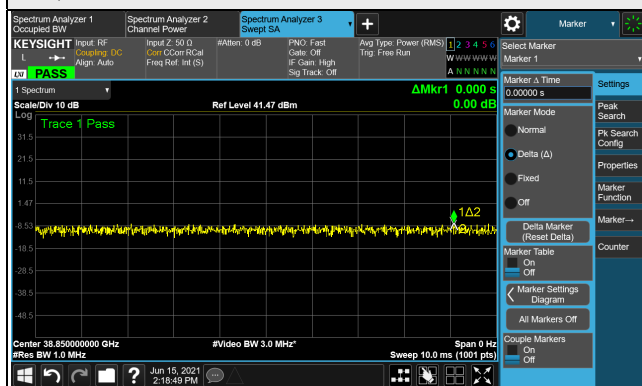
BPSK



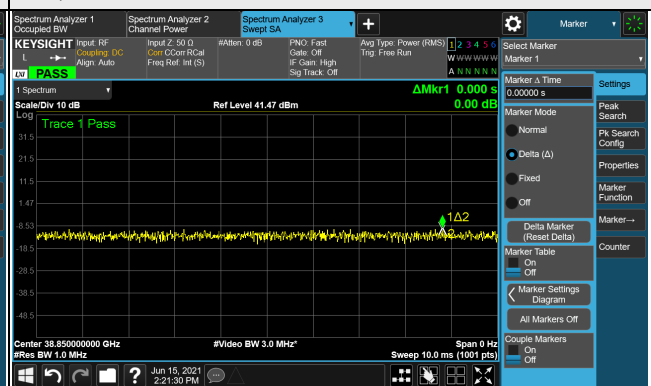
QPSK



16QAM

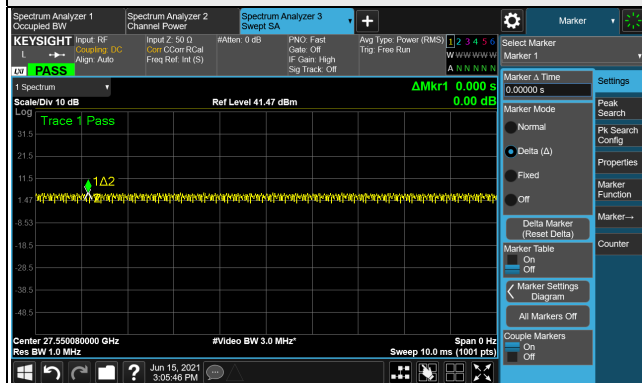


64QAM

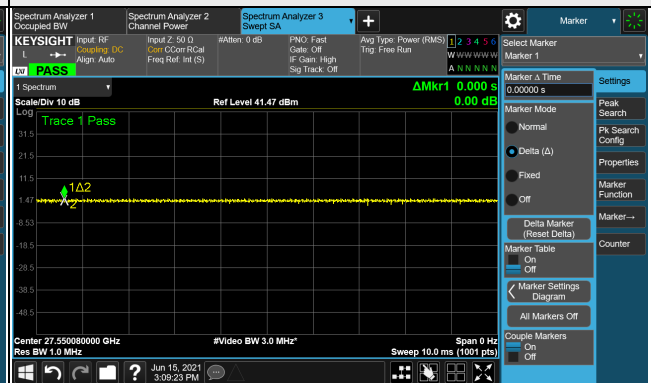


n261: Channel Bandwidth: 100MHz: 1CC

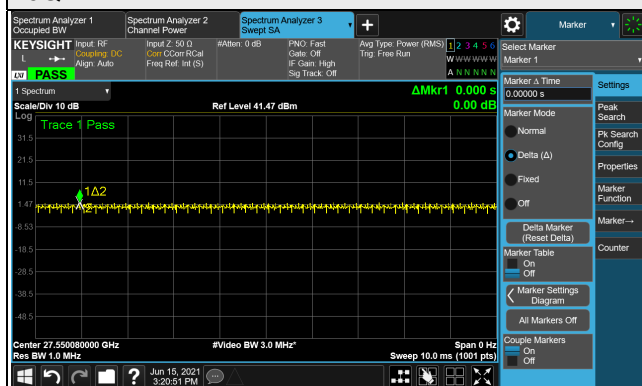
BPSK



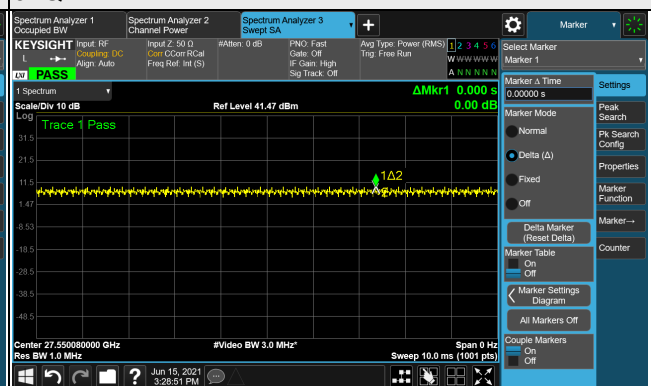
QPSK



16QAM



64QAM



3.4 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

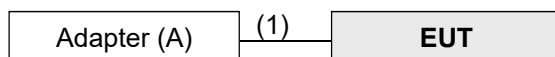
No.	Product	Brand	Model No.	Serial No.	FCC ID	Remark
A.	Adapter	KYOCERA	SCP-49ADT	NA	NA	Accessory

Note:

1. All power cords of the above support units are non-shielded (1.8m).

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	Type A to Type C USB cable	1	1	Y	0	Accessory

3.4.1 Configuration of System under Test



3.5 General Description of Applied Standards and References

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

Test standard:

FCC 47 CFR Part 2

FCC 47 CFR Part 30

ANSI 63.26-2015

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

References Test Guidance:

KDB 842590 D01 Upper Microwave Flexible Use Service v01r02

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

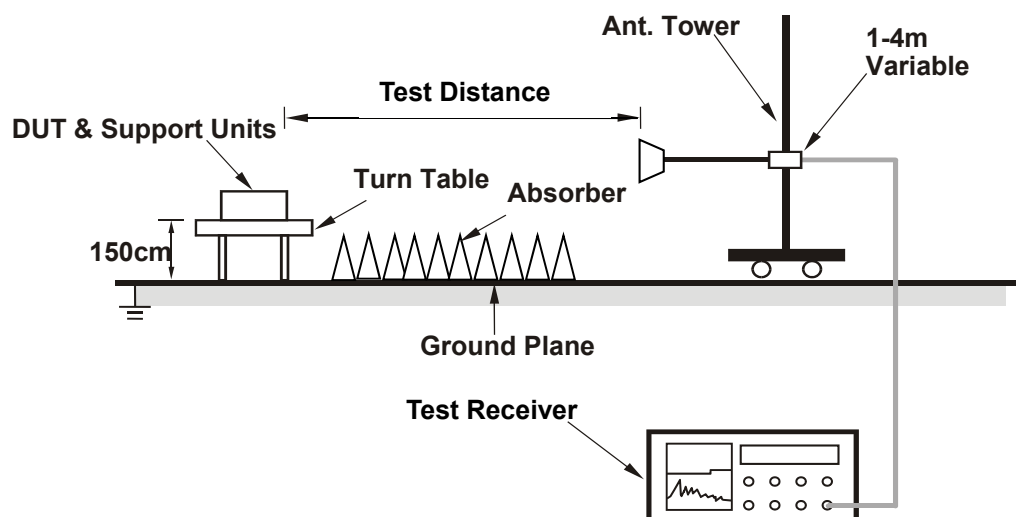
4.1 Equivalent Isotropic Radiated Power (EIRP) Measurement

4.1.1 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)

4.1.2 Test Setup

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



4.1.3 Test Instruments

For Below 40GHz and Frequency Stability

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver Rohde & Schwarz	ESR3	102783	Dec. 21, 2020	Dec. 20, 2021
Spectrum Analyzer KEYSIGHT	N9020B	MY60110513	Dec. 21, 2020	Dec. 20, 2021
BILOG Antenna SCHWARZBECK	VULB9168	1214	Nov. 04, 2020	Nov. 03, 2021
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-1170	Nov. 22, 2020	Nov. 21, 2021
HORN Antenna SCHWARZBECK	BBHA 9170	995	Nov. 22, 2020	Nov. 21, 2021
Preamplifier EMCI	EMC330N	980798	Jan. 12, 2021	Jan. 11, 2022
Preamplifier EMCI	EMC118A45SE	980809	Jan. 12, 2021	Jan. 11, 2022
Preamplifier EMCI	EMC184045SE	980786	Jan. 12, 2021	Jan. 11, 2022
RF signal cable EMCI	EMC104-SM-SM- (9000+2000+1000)	201244+ 201232+ 210103	Jan. 12, 2021	Jan. 11, 2022
RF signal cable EMCI	EMCCFD400-NM- NM- (9000+300+500)	201251+ 201249+ 201248	Jan. 12, 2021	Jan. 11, 2022
RF signal cable EMCI	EMC101G-KM-KM- (5000+3000+2000)	201261+201258+201249	Jan. 12, 2021	Jan. 11, 2022
Software BV ADT	ADT_Radiated_V7. 6.15.9.5	NA	NA	NA
Antenna Tower Max-Full	MFA-515BSN	NA	NA	NA
Turn Table Max-Full	MFT-201SS	NA	NA	NA
Turn Table Controller Max-Full	MF-7802BS	MF780208676	NA	NA
USB Wideband Power Sensor KEYSIGHT	U2021XA	MY55050005/MY55190004/	Jul. 13, 2020	Jul. 12, 2021
		MY55190007/MY55210005	Jul. 12, 2021	Jul. 11, 2022

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 test was performed in WM Chamber 9.

For Above 40GHz:

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer Keysight	N9030A	MY55330160	Feb. 05, 2021	Feb. 04, 2022
*OXE89 Horn Antenna (33~55GHz) QuinStar	QWH-UCRR00	924200002	Jan. 20, 2020	Jan. 19, 2022
*Conical Horn Antenna (50~75GHz) Keysight	WR15CH-Conical	WR15CH_001	Jan. 20, 2020	Jan. 19, 2022
*Conical Horn Antenna (75~110GHz) Keysight	WR10CH-Conical	WR10CH_001	Jan. 20, 2020	Jan. 19, 2022
*Conical Horn Antenna (110~170GHz) Keysight	WR6.5CH-Conical	WR6.5CH_001	Jan. 20, 2020	Jan. 19, 2022
*Conical Horn Antenna (140~220GHz) Keysight	WR5.1CH-Conical	WR5.1CH_001	Dec. 09, 2019	Dec. 08, 2021
*Conical Horn Antenna (220~330GHz) Keysight	WR3.4DH-Diagonal	WR3.4DH_001	Dec. 09, 2019	Dec. 08, 2021
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
N9029AV06-DC9 - 110-170 GHz VDI Standard Downconverter with 9VDC supply Keysight	SA Extension WR6.5	SAX 377	CoC	CoC
*N9029AV05-DC9 - 140-220 GHz VDI Standard Downconverter with 9VDC supply Keysight	SA Extension WR5.1	SAX 375	Dec. 09, 2019	Dec. 08, 2021
*N9029AV03-DC9 - 220-330 GHz VDI Standard Downconverter with 9VDC supply Keysight	SA Extension	SAX 376	Dec. 09, 2019	Dec. 08, 2021
Millimeter-Wave Signal Generator Frequency Extension Module (50~75 GHz)	E8257DV15	SGX648	Feb. 11, 2021	Feb. 10, 2022
Millimeter-Wave Signal Generator Frequency Extension Module (75~110 GHz)	E8257DV10	SGX647	Feb. 11, 2021	Feb. 10, 2022
Millimeter-Wave Signal Generator Frequency Extension Module (110~170 GHz)	E8257DV06	SGX645	Feb. 11, 2021	Feb. 10, 2022
Millimeter-Wave Signal Generator Frequency Extension Module (140~220 GHz)	E8257DV05	SGX644	Feb. 11, 2021	Feb. 10, 2022
PSG analog signal generator Keysight	E8257D	MY53401987	Jul. 18, 2021	Jul. 17, 2022

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Antenna Tower & Turn Table CT	NA	NA	NA	NA
*Power Meter VDI	PM5	431V	Dec. 09, 2019	Dec. 08, 2021

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 24 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in WM Chamber 9.
4. C.O.C: Certificate of conformance

4.1.4 Test Procedures

Equivalent Isotropic Radiated Power (EIRP) measurements are performed using broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

The average power of the sum of all antenna elements is limited to a maximum EIRP of +43dBm.

Test Procedures Used

ANSI C63.26-2015 Section 5.2.4.4.1

KDB 842590 D01 v01r02 Section 4.2

Measurement Distance		
EUT antenna of far field distance		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
Below 18GHz	0.066m	3m
18GHz to 40GHz	0.146m	2m
40GHz to 170GHz	0.620m	1m
170GHz to 200GHz	0.729m	1m
Note: EUT Antenna Dimension is 23mm length, 4.2mm Width.		
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
110GHz-170GHz	12mm	1m
170GHz-200GHz	8mm	1m

4.1.5 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 $\geq 3 \times$ RBW.
- c. Set spectrum analyzer detection mode to RMS
- d. Span = 2x to 3x the OBW
- e. No. of sweep points $\geq 2 \times$ 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 than 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.

Note:

1. EIRP measurements were taken at 2m test distance.
2. The average EIRP reported below is calculated per section 5.2.7 of ANSI C63.26-2015 which states:
 $EIRP (dBm) = E (dB_{\mu V/m}) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m. The field strength E is calculated $E (dB_{\mu V/m}) = \text{Spectrum Analyzer Channel Power Level (dBm)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107$.

4.1.6 Deviation from Test Standard

No deviation.

4.1.7 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.1.8 Test Result

n260: 1CC

Band	n260	Beam ID	150
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37050	1RB0	90	19.25	43.00	PASS
				1RB32	90	20.76	43.00	PASS
				1RB63	90	18.12	43.00	PASS
				Full RB	90	17.93	43.00	PASS
		Mid	38849.88	1RB0	90	22.68	43.00	PASS
				1RB32	90	25.83	43.00	PASS
				1RB63	90	22.72	43.00	PASS
				Full RB	90	22.44	43.00	PASS
		High	39949.92	1RB0	90	21.58	43.00	PASS
				1RB32	90	23.42	43.00	PASS
				1RB63	90	22.23	43.00	PASS
				Full RB	90	20.42	43.00	PASS
QPSK	100	Low	37050	1RB0	90	15.92	43.00	PASS
				1RB32	90	17.81	43.00	PASS
				1RB65	90	15.69	43.00	PASS
				Full RB	90	15.41	43.00	PASS
		Mid	38849.88	1RB0	90	21.15	43.00	PASS
				1RB32	90	23.02	43.00	PASS
				1RB65	90	21.59	43.00	PASS
				Full RB	90	20.51	43.00	PASS
		High	39949.92	1RB0	90	18.71	43.00	PASS
				1RB32	90	20.56	43.00	PASS
				1RB65	90	19.08	43.00	PASS
				Full RB	90	18.15	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37050	1RB0	90	14.85	43.00	PASS
				1RB32	90	16.77	43.00	PASS
				1RB65	90	14.65	43.00	PASS
				Full RB	90	14.48	43.00	PASS
		Mid	38849.88	1RB0	90	20.23	43.00	PASS
				1RB32	90	22.08	43.00	PASS
				1RB65	90	20.31	43.00	PASS
				Full RB	90	19.61	43.00	PASS
		High	39949.92	1RB0	90	17.55	43.00	PASS
				1RB32	90	19.47	43.00	PASS
				1RB65	90	18.06	43.00	PASS
				Full RB	90	17.26	43.00	PASS
64QAM	100	Low	37050	1RB0	90	12.22	43.00	PASS
				1RB32	90	14.18	43.00	PASS
				1RB65	90	12.32	43.00	PASS
				Full RB	90	11.99	43.00	PASS
		Mid	38849.88	1RB0	90	17.82	43.00	PASS
				1RB32	90	19.61	43.00	PASS
				1RB65	90	17.93	43.00	PASS
				Full RB	90	17.08	43.00	PASS
		High	39949.92	1RB0	90	15.21	43.00	PASS
				1RB32	90	17.03	43.00	PASS
				1RB65	90	15.40	43.00	PASS
				Full RB	90	14.68	43.00	PASS

n260: 1CC

Band	n260	Beam ID	22
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37050	1RB0	90	23.39	43.00	PASS
				1RB32	90	24.71	43.00	PASS
				1RB63	90	22.52	43.00	PASS
				Full RB	90	22.23	43.00	PASS
		Mid	38849.88	1RB0	90	22.97	43.00	PASS
				1RB32	90	24.55	43.00	PASS
				1RB63	90	22.89	43.00	PASS
				Full RB	90	22.41	43.00	PASS
		High	39949.92	1RB0	90	19.86	43.00	PASS
				1RB32	90	21.58	43.00	PASS
				1RB63	90	19.78	43.00	PASS
				Full RB	90	18.64	43.00	PASS
QPSK	100	Low	37050	1RB0	90	21.70	43.00	PASS
				1RB32	90	22.26	43.00	PASS
				1RB65	90	20.82	43.00	PASS
				Full RB	90	20.13	43.00	PASS
		Mid	38849.88	1RB0	90	21.46	43.00	PASS
				1RB32	90	22.23	43.00	PASS
				1RB65	90	21.03	43.00	PASS
				Full RB	90	20.38	43.00	PASS
		High	39949.92	1RB0	90	18.11	43.00	PASS
				1RB32	90	18.65	43.00	PASS
				1RB65	90	18.04	43.00	PASS
				Full RB	90	16.59	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37050	1RB0	90	20.68	43.00	PASS
				1RB32	90	21.14	43.00	PASS
				1RB65	90	19.79	43.00	PASS
				Full RB	90	18.88	43.00	PASS
		Mid	38849.88	1RB0	90	20.41	43.00	PASS
				1RB32	90	20.93	43.00	PASS
				1RB65	90	19.87	43.00	PASS
				Full RB	90	19.19	43.00	PASS
		High	39949.92	1RB0	90	17.04	43.00	PASS
				1RB32	90	17.65	43.00	PASS
				1RB65	90	16.89	43.00	PASS
				Full RB	90	15.58	43.00	PASS
64QAM	100	Low	37050	1RB0	90	18.16	43.00	PASS
				1RB32	90	18.78	43.00	PASS
				1RB65	90	17.43	43.00	PASS
				Full RB	90	16.38	43.00	PASS
		Mid	38849.88	1RB0	90	18.02	43.00	PASS
				1RB32	90	18.27	43.00	PASS
				1RB65	90	17.40	43.00	PASS
				Full RB	90	16.73	43.00	PASS
		High	39949.92	1RB0	90	14.46	43.00	PASS
				1RB32	90	15.29	43.00	PASS
				1RB65	90	14.18	43.00	PASS
				Full RB	90	13.12	43.00	PASS

n260: 1CC

Band	n260	Beam ID	147
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37050	1RB0	90	22.08	43.00	PASS
				1RB32	90	24.26	43.00	PASS
				1RB63	90	21.68	43.00	PASS
				Full RB	90	21.34	43.00	PASS
		Mid	38849.88	1RB0	90	21.53	43.00	PASS
				1RB32	90	23.91	43.00	PASS
				1RB63	90	21.88	43.00	PASS
				Full RB	90	21.04	43.00	PASS
		High	39949.92	1RB0	90	20.45	43.00	PASS
				1RB32	90	22.33	43.00	PASS
				1RB63	90	20.46	43.00	PASS
				Full RB	90	19.28	43.00	PASS
QPSK	100	Low	37050	1RB0	90	19.88	43.00	PASS
				1RB32	90	21.13	43.00	PASS
				1RB65	90	19.93	43.00	PASS
				Full RB	90	19.61	43.00	PASS
		Mid	38849.88	1RB0	90	20.59	43.00	PASS
				1RB32	90	21.43	43.00	PASS
				1RB65	90	20.13	43.00	PASS
				Full RB	90	20.06	43.00	PASS
		High	39949.92	1RB0	90	16.91	43.00	PASS
				1RB32	90	18.10	43.00	PASS
				1RB65	90	16.88	43.00	PASS
				Full RB	90	16.58	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37050	1RB0	90	18.93	43.00	PASS
				1RB32	90	20.09	43.00	PASS
				1RB65	90	18.99	43.00	PASS
				Full RB	90	18.76	43.00	PASS
		Mid	38849.88	1RB0	90	19.65	43.00	PASS
				1RB32	90	20.33	43.00	PASS
				1RB65	90	19.03	43.00	PASS
				Full RB	90	18.96	43.00	PASS
		High	39949.92	1RB0	90	15.96	43.00	PASS
				1RB32	90	17.09	43.00	PASS
				1RB65	90	15.76	43.00	PASS
				Full RB	90	15.55	43.00	PASS
64QAM	100	Low	37050	1RB0	90	16.27	43.00	PASS
				1RB32	90	17.73	43.00	PASS
				1RB65	90	16.35	43.00	PASS
				Full RB	90	16.13	43.00	PASS
		Mid	38849.88	1RB0	90	17.30	43.00	PASS
				1RB32	90	17.64	43.00	PASS
				1RB65	90	16.55	43.00	PASS
				Full RB	90	16.37	43.00	PASS
		High	39949.92	1RB0	90	13.33	43.00	PASS
				1RB32	90	14.42	43.00	PASS
				1RB65	90	13.38	43.00	PASS
				Full RB	90	13.11	43.00	PASS

n260: 1CC

Band	n260	Beam ID	19
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37050	1RB0	90	23.76	43.00	PASS
				1RB32	90	25.77	43.00	PASS
				1RB65	90	23.89	43.00	PASS
				Full RB	90	22.61	43.00	PASS
		Mid	38849.88	1RB0	90	24.66	43.00	PASS
				1RB32	90	27.05	43.00	PASS
				1RB65	90	24.42	43.00	PASS
				Full RB	90	23.81	43.00	PASS
		High	39949.92	1RB0	90	21.94	43.00	PASS
				1RB32	90	24.36	43.00	PASS
				1RB63	90	21.88	43.00	PASS
				Full RB	90	20.84	43.00	PASS
QPSK	100	Low	37050	1RB0	90	20.86	43.00	PASS
				1RB32	90	22.23	43.00	PASS
				1RB65	90	20.69	43.00	PASS
				Full RB	90	20.55	43.00	PASS
		Mid	38849.88	1RB0	90	22.97	43.00	PASS
				1RB32	90	24.07	43.00	PASS
				1RB65	90	22.63	43.00	PASS
				Full RB	90	21.77	43.00	PASS
		High	39949.92	1RB0	90	19.93	43.00	PASS
				1RB32	90	21.07	43.00	PASS
				1RB65	90	19.52	43.00	PASS
				Full RB	90	18.91	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37050	1RB0	90	19.74	43.00	PASS
				1RB32	90	21.16	43.00	PASS
				1RB65	90	19.62	43.00	PASS
				Full RB	90	19.39	43.00	PASS
		Mid	38849.88	1RB0	90	21.86	43.00	PASS
				1RB32	90	22.95	43.00	PASS
				1RB65	90	21.63	43.00	PASS
				Full RB	90	20.47	43.00	PASS
		High	39949.92	1RB0	90	19.05	43.00	PASS
				1RB32	90	20.20	43.00	PASS
				1RB65	90	18.31	43.00	PASS
				Full RB	90	17.72	43.00	PASS
64QAM	100	Low	37050	1RB0	90	17.41	43.00	PASS
				1RB32	90	18.75	43.00	PASS
				1RB65	90	17.25	43.00	PASS
				Full RB	90	16.81	43.00	PASS
		Mid	38849.88	1RB0	90	19.47	43.00	PASS
				1RB32	90	20.45	43.00	PASS
				1RB65	90	19.22	43.00	PASS
				Full RB	90	18.02	43.00	PASS
		High	39949.92	1RB0	90	16.56	43.00	PASS
				1RB32	90	17.54	43.00	PASS
				1RB65	90	15.92	43.00	PASS
				Full RB	90	15.32	43.00	PASS

n260: 2CC

Band	n260	Beam ID	150
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37099.98	1RB0	90	15.15	43.00	PASS
				1RB32	90	15.56	43.00	PASS
				1RB65	90	15.23	43.00	PASS
				Full RB	90	16.82	43.00	PASS
		Mid	38850	1RB0	90	20.56	43.00	PASS
				1RB32	90	20.87	43.00	PASS
				1RB65	90	20.61	43.00	PASS
				Full RB	90	22.13	43.00	PASS
		High	39900	1RB0	90	17.96	43.00	PASS
				1RB32	90	18.22	43.00	PASS
				1RB63	90	18.03	43.00	PASS
				Full RB	90	19.33	43.00	PASS
QPSK	100	Low	37099.98	1RB0	90	14.26	43.00	PASS
				1RB32	90	14.38	43.00	PASS
				1RB65	90	14.15	43.00	PASS
				Full RB	90	15.12	43.00	PASS
		Mid	38850	1RB0	90	18.16	43.00	PASS
				1RB32	90	18.43	43.00	PASS
				1RB65	90	18.21	43.00	PASS
				Full RB	90	19.31	43.00	PASS
		High	39900	1RB0	90	15.69	43.00	PASS
				1RB32	90	15.87	43.00	PASS
				1RB65	90	15.63	43.00	PASS
				Full RB	90	17.01	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37099.98	1RB0	90	13.17	43.00	PASS
				1RB32	90	13.26	43.00	PASS
				1RB65	90	13.03	43.00	PASS
				Full RB	90	14.01	43.00	PASS
		Mid	38850	1RB0	90	17.16	43.00	PASS
				1RB32	90	17.55	43.00	PASS
				1RB65	90	17.10	43.00	PASS
				Full RB	90	18.14	43.00	PASS
		High	39900	1RB0	90	14.45	43.00	PASS
				1RB32	90	14.63	43.00	PASS
				1RB65	90	14.66	43.00	PASS
				Full RB	90	16.06	43.00	PASS
64QAM	100	Low	37099.98	1RB0	90	10.53	43.00	PASS
				1RB32	90	10.81	43.00	PASS
				1RB65	90	10.53	43.00	PASS
				Full RB	90	11.56	43.00	PASS
		Mid	38850	1RB0	90	14.74	43.00	PASS
				1RB32	90	14.90	43.00	PASS
				1RB65	90	14.65	43.00	PASS
				Full RB	90	15.54	43.00	PASS
		High	39900	1RB0	90	11.95	43.00	PASS
				1RB32	90	11.99	43.00	PASS
				1RB65	90	12.17	43.00	PASS
				Full RB	90	13.45	43.00	PASS

n260: 2CC

Band	n260	Beam ID	22
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37099.98	1RB0	90	17.17	43.00	PASS
				1RB32	90	17.37	43.00	PASS
				1RB65	90	17.09	43.00	PASS
				Full RB	90	20.34	43.00	PASS
		Mid	38850	1RB0	90	18.18	43.00	PASS
				1RB32	90	18.35	43.00	PASS
				1RB63	90	17.84	43.00	PASS
				Full RB	90	21.74	43.00	PASS
		High	39900	1RB0	90	14.67	43.00	PASS
				1RB32	90	14.72	43.00	PASS
				1RB65	90	14.26	43.00	PASS
				Full RB	90	18.27	43.00	PASS
QPSK	100	Low	37099.98	1RB0	90	18.44	43.00	PASS
				1RB32	90	18.53	43.00	PASS
				1RB65	90	18.32	43.00	PASS
				Full RB	90	18.21	43.00	PASS
		Mid	38850	1RB0	90	19.03	43.00	PASS
				1RB32	90	19.12	43.00	PASS
				1RB65	90	18.96	43.00	PASS
				Full RB	90	18.86	43.00	PASS
		High	39900	1RB0	90	15.93	43.00	PASS
				1RB32	90	16.01	43.00	PASS
				1RB65	90	15.89	43.00	PASS
				Full RB	90	15.84	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37099.98	1RB0	90	17.25	43.00	PASS
				1RB32	90	17.36	43.00	PASS
				1RB65	90	17.37	43.00	PASS
				Full RB	90	16.98	43.00	PASS
		Mid	38850	1RB0	90	18.03	43.00	PASS
				1RB32	90	17.91	43.00	PASS
				1RB65	90	17.78	43.00	PASS
				Full RB	90	17.74	43.00	PASS
		High	39900	1RB0	90	14.73	43.00	PASS
				1RB32	90	14.80	43.00	PASS
				1RB65	90	14.79	43.00	PASS
				Full RB	90	14.87	43.00	PASS
64QAM	100	Low	37099.98	1RB0	90	14.85	43.00	PASS
				1RB32	90	14.73	43.00	PASS
				1RB65	90	14.80	43.00	PASS
				Full RB	90	14.45	43.00	PASS
		Mid	38850	1RB0	90	15.60	43.00	PASS
				1RB32	90	15.49	43.00	PASS
				1RB65	90	15.23	43.00	PASS
				Full RB	90	15.38	43.00	PASS
		High	39900	1RB0	90	12.28	43.00	PASS
				1RB32	90	12.37	43.00	PASS
				1RB65	90	12.36	43.00	PASS
				Full RB	90	12.39	43.00	PASS

n260: 2CC

Band	n260	Beam ID	147
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37099.98	1RB0	90	17.94	43.00	PASS
				1RB32	90	17.98	43.00	PASS
				1RB65	90	17.95	43.00	PASS
				Full RB	90	20.59	43.00	PASS
		Mid	38850	1RB0	90	17.31	43.00	PASS
				1RB32	90	18.03	43.00	PASS
				1RB65	90	17.39	43.00	PASS
				Full RB	90	21.15	43.00	PASS
		High	39900	1RB0	90	16.66	43.00	PASS
				1RB32	90	16.72	43.00	PASS
				1RB65	90	16.23	43.00	PASS
				Full RB	90	18.47	43.00	PASS
QPSK	100	Low	37099.98	1RB0	90	17.33	43.00	PASS
				1RB32	90	17.52	43.00	PASS
				1RB65	90	17.36	43.00	PASS
				Full RB	90	18.58	43.00	PASS
		Mid	38850	1RB0	90	17.19	43.00	PASS
				1RB32	90	17.98	43.00	PASS
				1RB65	90	17.87	43.00	PASS
				Full RB	90	18.40	43.00	PASS
		High	39900	1RB0	90	15.67	43.00	PASS
				1RB32	90	15.72	43.00	PASS
				1RB65	90	15.65	43.00	PASS
				Full RB	90	16.25	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37099.98	1RB0	90	16.15	43.00	PASS
				1RB32	90	16.52	43.00	PASS
				1RB65	90	16.06	43.00	PASS
				Full RB	90	17.72	43.00	PASS
		Mid	38850	1RB0	90	15.98	43.00	PASS
				1RB32	90	16.86	43.00	PASS
				1RB65	90	16.80	43.00	PASS
				Full RB	90	17.33	43.00	PASS
		High	39900	1RB0	90	14.39	43.00	PASS
				1RB32	90	14.65	43.00	PASS
				1RB65	90	14.50	43.00	PASS
				Full RB	90	15.04	43.00	PASS
64QAM	100	Low	37099.98	1RB0	90	13.66	43.00	PASS
				1RB32	90	13.95	43.00	PASS
				1RB65	90	13.66	43.00	PASS
				Full RB	90	15.07	43.00	PASS
		Mid	38850	1RB0	90	13.46	43.00	PASS
				1RB32	90	14.29	43.00	PASS
				1RB65	90	14.30	43.00	PASS
				Full RB	90	14.70	43.00	PASS
		High	39900	1RB0	90	11.73	43.00	PASS
				1RB32	90	12.07	43.00	PASS
				1RB65	90	11.97	43.00	PASS
				Full RB	90	12.64	43.00	PASS

n260: 2CC

Band	n260	Beam ID	19
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37099.98	1RB0	90	19.21	43.00	PASS
				1RB32	90	20.23	43.00	PASS
				1RB65	90	19.62	43.00	PASS
				Full RB	90	21.89	43.00	PASS
		Mid	38850	1RB0	90	20.07	43.00	PASS
				1RB32	90	21.23	43.00	PASS
				1RB65	90	20.12	43.00	PASS
				Full RB	90	22.93	43.00	PASS
		High	39900	1RB0	90	19.93	43.00	PASS
				1RB32	90	20.38	43.00	PASS
				1RB65	90	19.90	43.00	PASS
				Full RB	90	20.52	43.00	PASS
QPSK	100	Low	37099.98	1RB0	90	19.71	43.00	PASS
				1RB32	90	20.12	43.00	PASS
				1RB65	90	19.67	43.00	PASS
				Full RB	90	20.37	43.00	PASS
		Mid	38850	1RB0	90	19.71	43.00	PASS
				1RB32	90	20.19	43.00	PASS
				1RB65	90	19.52	43.00	PASS
				Full RB	90	20.21	43.00	PASS
		High	39900	1RB0	90	17.63	43.00	PASS
				1RB32	90	17.98	43.00	PASS
				1RB65	90	17.52	43.00	PASS
				Full RB	90	18.24	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37099.98	1RB0	90	18.50	43.00	PASS
				1RB32	90	19.19	43.00	PASS
				1RB65	90	18.58	43.00	PASS
				Full RB	90	19.33	43.00	PASS
		Mid	38850	1RB0	90	18.86	43.00	PASS
				1RB32	90	19.18	43.00	PASS
				1RB65	90	18.58	43.00	PASS
				Full RB	90	19.00	43.00	PASS
		High	39900	1RB0	90	16.66	43.00	PASS
				1RB32	90	16.93	43.00	PASS
				1RB65	90	16.32	43.00	PASS
				Full RB	90	17.06	43.00	PASS
64QAM	100	Low	37099.98	1RB0	90	15.81	43.00	PASS
				1RB32	90	16.68	43.00	PASS
				1RB65	90	15.96	43.00	PASS
				Full RB	90	16.68	43.00	PASS
		Mid	38850	1RB0	90	16.38	43.00	PASS
				1RB32	90	16.83	43.00	PASS
				1RB65	90	15.92	43.00	PASS
				Full RB	90	16.61	43.00	PASS
		High	39900	1RB0	90	14.00	43.00	PASS
				1RB32	90	14.38	43.00	PASS
				1RB65	90	13.70	43.00	PASS
				Full RB	90	14.54	43.00	PASS

n260: 1CC

Band	n260	Beam ID	150+22
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37050	1RB0	90	24.81	43.00	PASS
				1RB32	90	26.18	43.00	PASS
				1RB65	90	23.87	43.00	PASS
				Full RB	90	23.60	43.00	PASS
		Mid	38849.88	1RB0	90	25.84	43.00	PASS
				1RB32	90	28.25	43.00	PASS
				1RB65	90	25.82	43.00	PASS
				Full RB	90	25.44	43.00	PASS
		High	39949.92	1RB0	90	23.81	43.00	PASS
				1RB32	90	25.61	43.00	PASS
				1RB65	90	24.19	43.00	PASS
				Full RB	90	22.63	43.00	PASS
QPSK	100	Low	37050	1RB0	90	22.72	43.00	PASS
				1RB32	90	23.59	43.00	PASS
				1RB65	90	21.98	43.00	PASS
				Full RB	90	21.39	43.00	PASS
		Mid	38849.88	1RB0	90	24.32	43.00	PASS
				1RB32	90	25.65	43.00	PASS
				1RB65	90	24.33	43.00	PASS
				Full RB	90	23.46	43.00	PASS
		High	39949.92	1RB0	90	21.43	43.00	PASS
				1RB32	90	22.72	43.00	PASS
				1RB65	90	21.60	43.00	PASS
				Full RB	90	20.45	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37050	1RB0	90	21.69	43.00	PASS
				1RB32	90	22.49	43.00	PASS
				1RB65	90	20.95	43.00	PASS
				Full RB	90	20.23	43.00	PASS
		Mid	38849.88	1RB0	90	23.33	43.00	PASS
				1RB32	90	24.55	43.00	PASS
				1RB65	90	23.11	43.00	PASS
				Full RB	90	22.42	43.00	PASS
		High	39949.92	1RB0	90	20.31	43.00	PASS
				1RB32	90	21.66	43.00	PASS
				1RB65	90	20.52	43.00	PASS
				Full RB	90	19.51	43.00	PASS
64QAM	100	Low	37050	1RB0	90	19.15	43.00	PASS
				1RB32	90	20.07	43.00	PASS
				1RB65	90	18.60	43.00	PASS
				Full RB	90	17.73	43.00	PASS
		Mid	38849.88	1RB0	90	20.93	43.00	PASS
				1RB32	90	22.00	43.00	PASS
				1RB65	90	20.68	43.00	PASS
				Full RB	90	19.92	43.00	PASS
		High	39949.92	1RB0	90	17.86	43.00	PASS
				1RB32	90	19.26	43.00	PASS
				1RB65	90	17.84	43.00	PASS
				Full RB	90	16.98	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

n260: 1CC

Band	n260	Beam ID	147+19
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37050	1RB0	90	26.01	43.00	PASS
				1RB32	90	28.09	43.00	PASS
				1RB65	90	25.93	43.00	PASS
				Full RB	90	25.03	43.00	PASS
		Mid	38849.88	1RB0	90	26.38	43.00	PASS
				1RB32	90	28.77	43.00	PASS
				1RB65	90	26.34	43.00	PASS
				Full RB	90	25.65	43.00	PASS
		High	39949.92	1RB0	90	24.27	43.00	PASS
				1RB32	90	26.47	43.00	PASS
				1RB65	90	24.24	43.00	PASS
				Full RB	90	23.14	43.00	PASS
QPSK	100	Low	37050	1RB0	90	23.41	43.00	PASS
				1RB32	90	24.73	43.00	PASS
				1RB65	90	23.34	43.00	PASS
				Full RB	90	23.12	43.00	PASS
		Mid	38849.88	1RB0	90	24.95	43.00	PASS
				1RB32	90	25.96	43.00	PASS
				1RB65	90	24.57	43.00	PASS
				Full RB	90	24.01	43.00	PASS
		High	39949.92	1RB0	90	21.69	43.00	PASS
				1RB32	90	22.84	43.00	PASS
				1RB65	90	21.41	43.00	PASS
				Full RB	90	20.91	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37050	1RB0	90	22.36	43.00	PASS
				1RB32	90	23.67	43.00	PASS
				1RB65	90	22.33	43.00	PASS
				Full RB	90	22.10	43.00	PASS
		Mid	38849.88	1RB0	90	23.90	43.00	PASS
				1RB32	90	24.84	43.00	PASS
				1RB65	90	23.53	43.00	PASS
				Full RB	90	22.79	43.00	PASS
		High	39949.92	1RB0	90	20.78	43.00	PASS
				1RB32	90	21.93	43.00	PASS
				1RB65	90	20.23	43.00	PASS
				Full RB	90	19.78	43.00	PASS
64QAM	100	Low	37050	1RB0	90	19.89	43.00	PASS
				1RB32	90	21.28	43.00	PASS
				1RB65	90	19.83	43.00	PASS
				Full RB	90	19.49	43.00	PASS
		Mid	38849.88	1RB0	90	21.53	43.00	PASS
				1RB32	90	22.28	43.00	PASS
				1RB65	90	21.10	43.00	PASS
				Full RB	90	20.28	43.00	PASS
		High	39949.92	1RB0	90	18.25	43.00	PASS
				1RB32	90	19.26	43.00	PASS
				1RB65	90	17.84	43.00	PASS
				Full RB	90	17.36	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

n260: 2CC

Band	n260	Beam ID	150+22
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37099.98	1RB0	90	19.29	43.00	PASS
				1RB32	90	19.57	43.00	PASS
				1RB65	90	19.27	43.00	PASS
				Full RB	90	21.94	43.00	PASS
		Mid	38850	1RB0	90	22.54	43.00	PASS
				1RB32	90	22.80	43.00	PASS
				1RB65	90	22.45	43.00	PASS
				Full RB	90	24.95	43.00	PASS
		High	39900	1RB0	90	19.63	43.00	PASS
				1RB32	90	19.82	43.00	PASS
				1RB65	90	19.55	43.00	PASS
				Full RB	90	21.84	43.00	PASS
QPSK	100	Low	37099.98	1RB0	90	19.84	43.00	PASS
				1RB32	90	19.94	43.00	PASS
				1RB65	90	19.73	43.00	PASS
				Full RB	90	19.94	43.00	PASS
		Mid	38850	1RB0	90	21.63	43.00	PASS
				1RB32	90	21.80	43.00	PASS
				1RB65	90	21.61	43.00	PASS
				Full RB	90	22.10	43.00	PASS
		High	39900	1RB0	90	18.82	43.00	PASS
				1RB32	90	18.95	43.00	PASS
				1RB65	90	18.77	43.00	PASS
				Full RB	90	19.47	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37099.98	1RB0	90	18.68	43.00	PASS
				1RB32	90	18.79	43.00	PASS
				1RB65	90	18.73	43.00	PASS
				Full RB	90	18.75	43.00	PASS
		Mid	38850	1RB0	90	20.63	43.00	PASS
				1RB32	90	20.74	43.00	PASS
				1RB65	90	20.46	43.00	PASS
				Full RB	90	20.95	43.00	PASS
		High	39900	1RB0	90	17.60	43.00	PASS
				1RB32	90	17.73	43.00	PASS
				1RB65	90	17.74	43.00	PASS
				Full RB	90	18.52	43.00	PASS
64QAM	100	Low	37099.98	1RB0	90	16.22	43.00	PASS
				1RB32	90	16.21	43.00	PASS
				1RB65	90	16.18	43.00	PASS
				Full RB	90	16.25	43.00	PASS
		Mid	38850	1RB0	90	18.20	43.00	PASS
				1RB32	90	18.22	43.00	PASS
				1RB65	90	17.96	43.00	PASS
				Full RB	90	18.47	43.00	PASS
		High	39900	1RB0	90	15.13	43.00	PASS
				1RB32	90	15.19	43.00	PASS
				1RB65	90	15.28	43.00	PASS
				Full RB	90	15.96	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

n260: 2CC

Band	n260	Beam ID	147+19
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	37099.98	1RB0	90	21.63	43.00	PASS
				1RB32	90	22.26	43.00	PASS
				1RB65	90	21.88	43.00	PASS
				Full RB	90	24.30	43.00	PASS
		Mid	38850	1RB0	90	21.92	43.00	PASS
				1RB32	90	22.93	43.00	PASS
				1RB65	90	21.98	43.00	PASS
				Full RB	90	25.14	43.00	PASS
		High	39900	1RB0	90	21.61	43.00	PASS
				1RB32	90	21.93	43.00	PASS
				1RB65	90	21.45	43.00	PASS
				Full RB	90	22.63	43.00	PASS
QPSK	100	Low	37099.98	1RB0	90	21.69	43.00	PASS
				1RB32	90	22.02	43.00	PASS
				1RB65	90	21.68	43.00	PASS
				Full RB	90	22.58	43.00	PASS
		Mid	38850	1RB0	90	21.64	43.00	PASS
				1RB32	90	22.23	43.00	PASS
				1RB65	90	21.78	43.00	PASS
				Full RB	90	22.41	43.00	PASS
		High	39900	1RB0	90	19.77	43.00	PASS
				1RB32	90	20.01	43.00	PASS
				1RB65	90	19.70	43.00	PASS
				Full RB	90	20.37	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	37099.98	1RB0	90	20.49	43.00	PASS
				1RB32	90	21.07	43.00	PASS
				1RB65	90	20.51	43.00	PASS
				Full RB	90	21.61	43.00	PASS
		Mid	38850	1RB0	90	20.66	43.00	PASS
				1RB32	90	21.18	43.00	PASS
				1RB65	90	20.79	43.00	PASS
				Full RB	90	21.26	43.00	PASS
		High	39900	1RB0	90	18.68	43.00	PASS
				1RB32	90	18.95	43.00	PASS
				1RB65	90	18.51	43.00	PASS
				Full RB	90	19.18	43.00	PASS
64QAM	100	Low	37099.98	1RB0	90	17.88	43.00	PASS
				1RB32	90	18.54	43.00	PASS
				1RB65	90	17.97	43.00	PASS
				Full RB	90	18.96	43.00	PASS
		Mid	38850	1RB0	90	18.17	43.00	PASS
				1RB32	90	18.75	43.00	PASS
				1RB65	90	18.20	43.00	PASS
				Full RB	90	18.77	43.00	PASS
		High	39900	1RB0	90	16.02	43.00	PASS
				1RB32	90	16.39	43.00	PASS
				1RB65	90	15.93	43.00	PASS
				Full RB	90	16.70	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

n261: 1CC

Band	n261	Beam ID	144
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27550.08	1RB0	90	23.11	43.00	PASS
				1RB32	90	25.63	43.00	PASS
				1RB65	90	23.08	43.00	PASS
				Full RB	90	22.99	43.00	PASS
		Mid	27925.08	1RB0	90	20.43	43.00	PASS
				1RB32	90	23.19	43.00	PASS
				1RB65	90	20.74	43.00	PASS
				Full RB	90	20.38	43.00	PASS
		High	28299.96	1RB0	90	20.97	43.00	PASS
				1RB32	90	22.52	43.00	PASS
				1RB65	90	19.74	43.00	PASS
				Full RB	90	19.67	43.00	PASS
QPSK	100	Low	27550.08	1RB0	90	21.34	43.00	PASS
				1RB32	90	22.47	43.00	PASS
				1RB65	90	21.13	43.00	PASS
				Full RB	90	20.73	43.00	PASS
		Mid	27925.08	1RB0	90	18.62	43.00	PASS
				1RB32	90	19.86	43.00	PASS
				1RB65	90	19.13	43.00	PASS
				Full RB	90	18.15	43.00	PASS
		High	28299.96	1RB0	90	18.66	43.00	PASS
				1RB32	90	19.45	43.00	PASS
				1RB65	90	17.69	43.00	PASS
				Full RB	90	17.59	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27550.08	1RB0	90	20.22	43.00	PASS
				1RB32	90	21.46	43.00	PASS
				1RB65	90	20.15	43.00	PASS
				Full RB	90	19.58	43.00	PASS
		Mid	27925.08	1RB0	90	17.57	43.00	PASS
				1RB32	90	18.65	43.00	PASS
				1RB65	90	18.25	43.00	PASS
				Full RB	90	17.14	43.00	PASS
		High	28299.96	1RB0	90	17.42	43.00	PASS
				1RB32	90	18.24	43.00	PASS
				1RB65	90	16.77	43.00	PASS
				Full RB	90	16.63	43.00	PASS
64QAM	100	Low	27550.08	1RB0	90	17.56	43.00	PASS
				1RB32	90	18.75	43.00	PASS
				1RB65	90	17.72	43.00	PASS
				Full RB	90	17.25	43.00	PASS
		Mid	27925.08	1RB0	90	15.20	43.00	PASS
				1RB32	90	16.31	43.00	PASS
				1RB65	90	15.81	43.00	PASS
				Full RB	90	14.60	43.00	PASS
		High	28299.96	1RB0	90	14.87	43.00	PASS
				1RB32	90	15.55	43.00	PASS
				1RB65	90	14.07	43.00	PASS
				Full RB	90	13.97	43.00	PASS

n261: 1CC

Band	n261	Beam ID	16
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27550.08	1RB0	90	23.02	43.00	PASS
				1RB32	90	24.35	43.00	PASS
				1RB65	90	23.08	43.00	PASS
				Full RB	90	22.76	43.00	PASS
		Mid	27925.08	1RB0	90	23.06	43.00	PASS
				1RB32	90	24.91	43.00	PASS
				1RB65	90	23.25	43.00	PASS
				Full RB	90	22.57	43.00	PASS
		High	28299.96	1RB0	90	23.39	43.00	PASS
				1RB32	90	25.58	43.00	PASS
				1RB65	90	23.51	43.00	PASS
				Full RB	90	22.97	43.00	PASS
QPSK	100	Low	27550.08	1RB0	90	20.82	43.00	PASS
				1RB32	90	21.13	43.00	PASS
				1RB65	90	20.69	43.00	PASS
				Full RB	90	20.58	43.00	PASS
		Mid	27925.08	1RB0	90	21.06	43.00	PASS
				1RB32	90	22.25	43.00	PASS
				1RB65	90	21.02	43.00	PASS
				Full RB	90	20.49	43.00	PASS
		High	28299.96	1RB0	90	20.83	43.00	PASS
				1RB32	90	22.13	43.00	PASS
				1RB65	90	20.79	43.00	PASS
				Full RB	90	20.68	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27550.08	1RB0	90	19.56	43.00	PASS
				1RB32	90	19.91	43.00	PASS
				1RB65	90	19.55	43.00	PASS
				Full RB	90	19.70	43.00	PASS
		Mid	27925.08	1RB0	90	19.76	43.00	PASS
				1RB32	90	21.09	43.00	PASS
				1RB65	90	19.78	43.00	PASS
				Full RB	90	19.46	43.00	PASS
		High	28299.96	1RB0	90	19.93	43.00	PASS
				1RB32	90	21.13	43.00	PASS
				1RB65	90	19.84	43.00	PASS
				Full RB	90	19.74	43.00	PASS
64QAM	100	Low	27550.08	1RB0	90	17.05	43.00	PASS
				1RB32	90	17.36	43.00	PASS
				1RB65	90	17.15	43.00	PASS
				Full RB	90	17.22	43.00	PASS
		Mid	27925.08	1RB0	90	17.42	43.00	PASS
				1RB32	90	18.73	43.00	PASS
				1RB65	90	17.19	43.00	PASS
				Full RB	90	16.82	43.00	PASS
		High	28299.96	1RB0	90	17.54	43.00	PASS
				1RB32	90	18.65	43.00	PASS
				1RB65	90	17.30	43.00	PASS
				Full RB	90	17.23	43.00	PASS

n261: 1CC

Band	n261	Beam ID	147
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27550.08	1RB0	90	24.10	43.00	PASS
				1RB32	90	26.38	43.00	PASS
				1RB65	90	23.95	43.00	PASS
				Full RB	90	22.91	43.00	PASS
		Mid	27925.08	1RB0	90	22.77	43.00	PASS
				1RB32	90	24.52	43.00	PASS
				1RB65	90	22.33	43.00	PASS
				Full RB	90	21.87	43.00	PASS
		High	28299.96	1RB0	90	23.09	43.00	PASS
				1RB32	90	25.18	43.00	PASS
				1RB65	90	22.82	43.00	PASS
				Full RB	90	22.12	43.00	PASS
QPSK	100	Low	27550.08	1RB0	90	21.90	43.00	PASS
				1RB32	90	23.12	43.00	PASS
				1RB65	90	21.89	43.00	PASS
				Full RB	90	20.74	43.00	PASS
		Mid	27925.08	1RB0	90	21.26	43.00	PASS
				1RB32	90	22.06	43.00	PASS
				1RB65	90	20.71	43.00	PASS
				Full RB	90	19.46	43.00	PASS
		High	28299.96	1RB0	90	21.99	43.00	PASS
				1RB32	90	22.41	43.00	PASS
				1RB65	90	21.60	43.00	PASS
				Full RB	90	19.98	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27550.08	1RB0	90	20.82	43.00	PASS
				1RB32	90	21.87	43.00	PASS
				1RB65	90	20.95	43.00	PASS
				Full RB	90	19.75	43.00	PASS
		Mid	27925.08	1RB0	90	20.14	43.00	PASS
				1RB32	90	21.15	43.00	PASS
				1RB65	90	19.67	43.00	PASS
				Full RB	90	18.47	43.00	PASS
		High	28299.96	1RB0	90	20.96	43.00	PASS
				1RB32	90	21.11	43.00	PASS
				1RB65	90	20.39	43.00	PASS
				Full RB	90	18.82	43.00	PASS
64QAM	100	Low	27550.08	1RB0	90	18.40	43.00	PASS
				1RB32	90	19.18	43.00	PASS
				1RB65	90	18.56	43.00	PASS
				Full RB	90	17.05	43.00	PASS
		Mid	27925.08	1RB0	90	17.56	43.00	PASS
				1RB32	90	18.81	43.00	PASS
				1RB65	90	17.28	43.00	PASS
				Full RB	90	16.05	43.00	PASS
		High	28299.96	1RB0	90	18.58	43.00	PASS
				1RB32	90	18.72	43.00	PASS
				1RB65	90	18.05	43.00	PASS
				Full RB	90	16.18	43.00	PASS

n261: 1CC

Band	n261	Beam ID	12
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27550.08	1RB0	90	23.65	43.00	PASS
				1RB32	90	25.61	43.00	PASS
				1RB65	90	23.31	43.00	PASS
				Full RB	90	22.84	43.00	PASS
		Mid	27925.08	1RB0	90	23.63	43.00	PASS
				1RB32	90	26.16	43.00	PASS
				1RB65	90	23.24	43.00	PASS
				Full RB	90	22.41	43.00	PASS
		High	28299.96	1RB0	90	22.69	43.00	PASS
				1RB32	90	24.69	43.00	PASS
				1RB65	90	22.24	43.00	PASS
				Full RB	90	21.13	43.00	PASS
QPSK	100	Low	27550.08	1RB0	90	21.23	43.00	PASS
				1RB32	90	22.66	43.00	PASS
				1RB65	90	21.31	43.00	PASS
				Full RB	90	20.62	43.00	PASS
		Mid	27925.08	1RB0	90	22.23	43.00	PASS
				1RB32	90	23.79	43.00	PASS
				1RB65	90	22.61	43.00	PASS
				Full RB	90	20.11	43.00	PASS
		High	28299.96	1RB0	90	21.11	43.00	PASS
				1RB32	90	22.32	43.00	PASS
				1RB65	90	21.71	43.00	PASS
				Full RB	90	19.54	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27550.08	1RB0	90	20.07	43.00	PASS
				1RB32	90	21.55	43.00	PASS
				1RB65	90	20.45	43.00	PASS
				Full RB	90	19.61	43.00	PASS
		Mid	27925.08	1RB0	90	21.35	43.00	PASS
				1RB32	90	22.55	43.00	PASS
				1RB65	90	21.75	43.00	PASS
				Full RB	90	18.87	43.00	PASS
		High	28299.96	1RB0	90	20.04	43.00	PASS
				1RB32	90	21.18	43.00	PASS
				1RB65	90	20.60	43.00	PASS
				Full RB	90	18.29	43.00	PASS
64QAM	100	Low	27550.08	1RB0	90	17.46	43.00	PASS
				1RB32	90	18.86	43.00	PASS
				1RB65	90	17.80	43.00	PASS
				Full RB	90	16.94	43.00	PASS
		Mid	27925.08	1RB0	90	18.74	43.00	PASS
				1RB32	90	20.21	43.00	PASS
				1RB65	90	19.28	43.00	PASS
				Full RB	90	16.31	43.00	PASS
		High	28299.96	1RB0	90	17.68	43.00	PASS
				1RB32	90	18.81	43.00	PASS
				1RB65	90	18.03	43.00	PASS
				Full RB	90	15.83	43.00	PASS

n261: 1CC

Band	n261	Beam ID	140
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27550.08	1RB0	90	24.89	43.00	PASS
				1RB32	90	26.45	43.00	PASS
				1RB65	90	24.35	43.00	PASS
				Full RB	90	23.02	43.00	PASS
		Mid	27925.08	1RB0	90	23.58	43.00	PASS
				1RB32	90	24.98	43.00	PASS
				1RB65	90	23.15	43.00	PASS
				Full RB	90	22.05	43.00	PASS
		High	28299.96	1RB0	90	23.50	43.00	PASS
				1RB32	90	25.17	43.00	PASS
				1RB65	90	23.08	43.00	PASS
				Full RB	90	22.32	43.00	PASS
QPSK	100	Low	27550.08	1RB0	90	22.12	43.00	PASS
				1RB32	90	23.58	43.00	PASS
				1RB65	90	21.98	43.00	PASS
				Full RB	90	20.98	43.00	PASS
		Mid	27925.08	1RB0	90	21.67	43.00	PASS
				1RB32	90	22.10	43.00	PASS
				1RB65	90	20.89	43.00	PASS
				Full RB	90	20.06	43.00	PASS
		High	28299.96	1RB0	90	21.82	43.00	PASS
				1RB32	90	23.17	43.00	PASS
				1RB65	90	21.59	43.00	PASS
				Full RB	90	20.27	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27550.08	1RB0	90	22.12	43.00	PASS
				1RB32	90	23.58	43.00	PASS
				1RB65	90	21.98	43.00	PASS
				Full RB	90	20.98	43.00	PASS
		Mid	27925.08	1RB0	90	21.67	43.00	PASS
				1RB32	90	22.10	43.00	PASS
				1RB65	90	20.89	43.00	PASS
				Full RB	90	20.06	43.00	PASS
		High	28299.96	1RB0	90	21.82	43.00	PASS
				1RB32	90	23.17	43.00	PASS
				1RB65	90	21.59	43.00	PASS
				Full RB	90	20.27	43.00	PASS
64QAM	100	Low	27550.08	1RB0	90	22.12	43.00	PASS
				1RB32	90	23.58	43.00	PASS
				1RB65	90	21.98	43.00	PASS
				Full RB	90	20.98	43.00	PASS
		Mid	27925.08	1RB0	90	21.67	43.00	PASS
				1RB32	90	22.10	43.00	PASS
				1RB65	90	20.89	43.00	PASS
				Full RB	90	20.06	43.00	PASS
		High	28299.96	1RB0	90	21.82	43.00	PASS
				1RB32	90	23.17	43.00	PASS
				1RB65	90	21.59	43.00	PASS
				Full RB	90	20.27	43.00	PASS

n261: 2CC

Band	n261	Beam ID	144
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27600.08	1RB0	90	19.86	43.00	PASS
				1RB32	90	20.23	43.00	PASS
				1RB65	90	19.81	43.00	PASS
				Full RB	90	21.48	43.00	PASS
		Mid	27925.08	1RB0	90	18.82	43.00	PASS
				1RB32	90	19.03	43.00	PASS
				1RB65	90	18.76	43.00	PASS
				Full RB	90	20.18	43.00	PASS
		High	28249.96	1RB0	90	18.02	43.00	PASS
				1RB32	90	18.11	43.00	PASS
				1RB65	90	17.94	43.00	PASS
				Full RB	90	19.26	43.00	PASS
QPSK	100	Low	27600.08	1RB0	90	17.98	43.00	PASS
				1RB32	90	18.11	43.00	PASS
				1RB65	90	17.93	43.00	PASS
				Full RB	90	19.23	43.00	PASS
		Mid	27925.08	1RB0	90	16.27	43.00	PASS
				1RB32	90	16.34	43.00	PASS
				1RB65	90	16.13	43.00	PASS
				Full RB	90	17.64	43.00	PASS
		High	28249.96	1RB0	90	16.34	43.00	PASS
				1RB32	90	16.43	43.00	PASS
				1RB65	90	16.25	43.00	PASS
				Full RB	90	17.56	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27600.08	1RB0	90	16.81	43.00	PASS
				1RB32	90	17.10	43.00	PASS
				1RB65	90	16.79	43.00	PASS
				Full RB	90	18.22	43.00	PASS
		Mid	27925.08	1RB0	90	15.27	43.00	PASS
				1RB32	90	15.27	43.00	PASS
				1RB65	90	15.14	43.00	PASS
				Full RB	90	16.36	43.00	PASS
		High	28249.96	1RB0	90	15.31	43.00	PASS
				1RB32	90	15.25	43.00	PASS
				1RB65	90	14.98	43.00	PASS
				Full RB	90	16.47	43.00	PASS
64QAM	100	Low	27600.08	1RB0	90	14.36	43.00	PASS
				1RB32	90	14.54	43.00	PASS
				1RB65	90	14.36	43.00	PASS
				Full RB	90	15.72	43.00	PASS
		Mid	27925.08	1RB0	90	12.83	43.00	PASS
				1RB32	90	12.64	43.00	PASS
				1RB65	90	12.47	43.00	PASS
				Full RB	90	13.74	43.00	PASS
		High	28249.96	1RB0	90	12.92	43.00	PASS
				1RB32	90	12.60	43.00	PASS
				1RB65	90	12.35	43.00	PASS
				Full RB	90	14.12	43.00	PASS

n261: 2CC

Band	n261	Beam ID	16
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27600.08	1RB0	90	18.89	43.00	PASS
				1RB32	90	19.06	43.00	PASS
				1RB65	90	18.98	43.00	PASS
				Full RB	90	22.06	43.00	PASS
		Mid	27925.08	1RB0	90	18.68	43.00	PASS
				1RB32	90	18.86	43.00	PASS
				1RB65	90	18.52	43.00	PASS
				Full RB	90	21.66	43.00	PASS
		High	28249.96	1RB0	90	18.83	43.00	PASS
				1RB32	90	19.02	43.00	PASS
				1RB65	90	18.63	43.00	PASS
				Full RB	90	21.79	43.00	PASS
QPSK	100	Low	27600.08	1RB0	90	20.03	43.00	PASS
				1RB32	90	20.16	43.00	PASS
				1RB65	90	19.71	43.00	PASS
				Full RB	90	19.59	43.00	PASS
		Mid	27925.08	1RB0	90	19.92	43.00	PASS
				1RB32	90	20.58	43.00	PASS
				1RB65	90	19.67	43.00	PASS
				Full RB	90	19.34	43.00	PASS
		High	28249.96	1RB0	90	20.26	43.00	PASS
				1RB32	90	20.52	43.00	PASS
				1RB63	90	19.82	43.00	PASS
				Full RB	90	19.32	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27600.08	1RB0	90	18.96	43.00	PASS
				1RB32	90	19.02	43.00	PASS
				1RB65	90	18.52	43.00	PASS
				Full RB	90	18.63	43.00	PASS
		Mid	27925.08	1RB0	90	18.78	43.00	PASS
				1RB32	90	19.45	43.00	PASS
				1RB65	90	18.77	43.00	PASS
				Full RB	90	18.21	43.00	PASS
		High	28249.96	1RB0	90	19.15	43.00	PASS
				1RB32	90	19.25	43.00	PASS
				1RB65	90	18.78	43.00	PASS
				Full RB	90	18.10	43.00	PASS
64QAM	100	Low	27600.08	1RB0	90	16.44	43.00	PASS
				1RB32	90	16.58	43.00	PASS
				1RB65	90	16.13	43.00	PASS
				Full RB	90	16.19	43.00	PASS
		Mid	27925.08	1RB0	90	16.20	43.00	PASS
				1RB32	90	16.94	43.00	PASS
				1RB65	90	16.32	43.00	PASS
				Full RB	90	15.64	43.00	PASS
		High	28249.96	1RB0	90	16.65	43.00	PASS
				1RB32	90	16.55	43.00	PASS
				1RB65	90	16.23	43.00	PASS
				Full RB	90	15.59	43.00	PASS

n261: 2CC

Band	n260	Beam ID	147
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27600.08	1RB0	90	19.82	43.00	PASS
				1RB32	90	19.63	43.00	PASS
				1RB65	90	19.78	43.00	PASS
				Full RB	90	22.59	43.00	PASS
		Mid	27925.08	1RB0	90	18.83	43.00	PASS
				1RB32	90	19.09	43.00	PASS
				1RB65	90	18.86	43.00	PASS
				Full RB	90	21.13	43.00	PASS
		High	28249.96	1RB0	90	17.92	43.00	PASS
				1RB32	90	18.23	43.00	PASS
				1RB65	90	17.84	43.00	PASS
				Full RB	90	19.38	43.00	PASS
QPSK	100	Low	27600.08	1RB0	90	19.22	43.00	PASS
				1RB32	90	19.14	43.00	PASS
				1RB65	90	19.68	43.00	PASS
				Full RB	90	19.58	43.00	PASS
		Mid	27925.08	1RB0	90	18.03	43.00	PASS
				1RB32	90	18.44	43.00	PASS
				1RB65	90	17.98	43.00	PASS
				Full RB	90	18.72	43.00	PASS
		High	28249.96	1RB0	90	18.72	43.00	PASS
				1RB32	90	19.20	43.00	PASS
				1RB65	90	18.79	43.00	PASS
				Full RB	90	19.19	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27600.08	1RB0	90	18.32	43.00	PASS
				1RB32	90	18.09	43.00	PASS
				1RB65	90	18.80	43.00	PASS
				Full RB	90	18.45	43.00	PASS
		Mid	27925.08	1RB0	90	16.76	43.00	PASS
				1RB32	90	17.48	43.00	PASS
				1RB65	90	17.04	43.00	PASS
				Full RB	90	17.48	43.00	PASS
		High	28249.96	1RB0	90	17.46	43.00	PASS
				1RB32	90	18.20	43.00	PASS
				1RB65	90	17.52	43.00	PASS
				Full RB	90	18.25	43.00	PASS
64QAM	100	Low	27600.08	1RB0	90	15.95	43.00	PASS
				1RB32	90	15.65	43.00	PASS
				1RB65	90	16.45	43.00	PASS
				Full RB	90	15.82	43.00	PASS
		Mid	27925.08	1RB0	90	14.39	43.00	PASS
				1RB32	90	15.06	43.00	PASS
				1RB65	90	14.45	43.00	PASS
				Full RB	90	15.13	43.00	PASS
		High	28249.96	1RB0	90	14.88	43.00	PASS
				1RB32	90	15.61	43.00	PASS
				1RB65	90	14.83	43.00	PASS
				Full RB	90	15.80	43.00	PASS

n261: 2CC

Band	n261	Beam ID	12
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27600.08	1RB0	90	20.14	43.00	PASS
				1RB32	90	20.35	43.00	PASS
				1RB65	90	20.12	43.00	PASS
				Full RB	90	22.31	43.00	PASS
		Mid	27925.08	1RB0	90	20.11	43.00	PASS
				1RB32	90	20.05	43.00	PASS
				1RB65	90	19.87	43.00	PASS
				Full RB	90	21.71	43.00	PASS
		High	28249.96	1RB0	90	19.58	43.00	PASS
				1RB32	90	20.15	43.00	PASS
				1RB65	90	19.87	43.00	PASS
				Full RB	90	21.84	43.00	PASS
QPSK	100	Low	27600.08	1RB0	90	20.95	43.00	PASS
				1RB32	90	21.08	43.00	PASS
				1RB65	90	20.40	43.00	PASS
				Full RB	90	19.96	43.00	PASS
		Mid	27925.08	1RB0	90	17.68	43.00	PASS
				1RB32	90	18.17	43.00	PASS
				1RB65	90	17.38	43.00	PASS
				Full RB	90	19.31	43.00	PASS
		High	28249.96	1RB0	90	18.05	43.00	PASS
				1RB32	90	18.34	43.00	PASS
				1RB65	90	18.11	43.00	PASS
				Full RB	90	19.26	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27600.08	1RB0	90	19.80	43.00	PASS
				1RB32	90	20.24	43.00	PASS
				1RB65	90	19.31	43.00	PASS
				Full RB	90	19.00	43.00	PASS
		Mid	27925.08	1RB0	90	16.80	43.00	PASS
				1RB32	90	16.94	43.00	PASS
				1RB65	90	16.36	43.00	PASS
				Full RB	90	18.23	43.00	PASS
		High	28249.96	1RB0	90	16.93	43.00	PASS
				1RB32	90	17.15	43.00	PASS
				1RB65	90	17.18	43.00	PASS
				Full RB	90	18.23	43.00	PASS
64QAM	100	Low	27600.08	1RB0	90	17.10	43.00	PASS
				1RB32	90	17.60	43.00	PASS
				1RB65	90	16.60	43.00	PASS
				Full RB	90	16.30	43.00	PASS
		Mid	27925.08	1RB0	90	14.40	43.00	PASS
				1RB32	90	14.30	43.00	PASS
				1RB65	90	13.96	43.00	PASS
				Full RB	90	15.84	43.00	PASS
		High	28249.96	1RB0	90	14.28	43.00	PASS
				1RB32	90	14.77	43.00	PASS
				1RB65	90	14.49	43.00	PASS
				Full RB	90	15.74	43.00	PASS

n261: 2CC

Band	n261	Beam ID	140
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27600.08	1RB0	90	20.41	43.00	PASS
				1RB32	90	20.58	43.00	PASS
				1RB65	90	19.99	43.00	PASS
				Full RB	90	22.31	43.00	PASS
		Mid	27925.08	1RB0	90	18.63	43.00	PASS
				1RB32	90	18.82	43.00	PASS
				1RB65	90	18.31	43.00	PASS
				Full RB	90	21.58	43.00	PASS
		High	28249.96	1RB0	90	18.51	43.00	PASS
				1RB32	90	18.84	43.00	PASS
				1RB65	90	18.75	43.00	PASS
				Full RB	90	21.46	43.00	PASS
QPSK	100	Low	27600.08	1RB0	90	20.71	43.00	PASS
				1RB32	90	20.76	43.00	PASS
				1RB65	90	20.47	43.00	PASS
				Full RB	90	20.21	43.00	PASS
		Mid	27925.08	1RB0	90	20.13	43.00	PASS
				1RB32	90	20.85	43.00	PASS
				1RB65	90	20.35	43.00	PASS
				Full RB	90	19.16	43.00	PASS
		High	28249.96	1RB0	90	20.07	43.00	PASS
				1RB32	90	21.12	43.00	PASS
				1RB65	90	20.53	43.00	PASS
				Full RB	90	19.08	43.00	PASS

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27600.08	1RB0	90	19.65	43.00	PASS
				1RB32	90	19.54	43.00	PASS
				1RB65	90	19.42	43.00	PASS
				Full RB	90	18.92	43.00	PASS
		Mid	27925.08	1RB0	90	18.91	43.00	PASS
				1RB32	90	19.71	43.00	PASS
				1RB65	90	19.12	43.00	PASS
				Full RB	90	18.18	43.00	PASS
		High	28249.96	1RB0	90	19.06	43.00	PASS
				1RB32	90	20.08	43.00	PASS
				1RB65	90	19.39	43.00	PASS
				Full RB	90	17.95	43.00	PASS
64QAM	100	Low	27600.08	1RB0	90	17.11	43.00	PASS
				1RB32	90	17.21	43.00	PASS
				1RB65	90	16.87	43.00	PASS
				Full RB	90	16.27	43.00	PASS
		Mid	27925.08	1RB0	90	16.57	43.00	PASS
				1RB32	90	17.26	43.00	PASS
				1RB65	90	16.74	43.00	PASS
				Full RB	90	15.65	43.00	PASS
		High	28249.96	1RB0	90	16.62	43.00	PASS
				1RB32	90	17.50	43.00	PASS
				1RB65	90	16.74	43.00	PASS
				Full RB	90	15.25	43.00	PASS

n261: 1CC

Band	n261	Beam ID	144+16
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27550.08	1RB0	90	26.08	43.00	PASS
				1RB32	90	28.05	43.00	PASS
				1RB65	90	26.09	43.00	PASS
				Full RB	90	25.89	43.00	PASS
		Mid	27925.08	1RB0	90	24.95	43.00	PASS
				1RB32	90	27.14	43.00	PASS
				1RB65	90	25.18	43.00	PASS
				Full RB	90	24.62	43.00	PASS
		High	28299.96	1RB0	90	25.36	43.00	PASS
				1RB32	90	27.32	43.00	PASS
				1RB65	90	25.03	43.00	PASS
				Full RB	90	24.64	43.00	PASS
QPSK	100	Low	27550.08	1RB0	90	24.10	43.00	PASS
				1RB32	90	24.86	43.00	PASS
				1RB65	90	23.93	43.00	PASS
				Full RB	90	23.67	43.00	PASS
		Mid	27925.08	1RB0	90	23.02	43.00	PASS
				1RB32	90	24.23	43.00	PASS
				1RB65	90	23.19	43.00	PASS
				Full RB	90	22.49	43.00	PASS
		High	28299.96	1RB0	90	22.89	43.00	PASS
				1RB32	90	24.00	43.00	PASS
				1RB65	90	22.52	43.00	PASS
				Full RB	90	22.41	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27550.08	1RB0	90	22.91	43.00	PASS
				1RB32	90	23.76	43.00	PASS
				1RB65	90	22.87	43.00	PASS
				Full RB	90	22.65	43.00	PASS
		Mid	27925.08	1RB0	90	21.81	43.00	PASS
				1RB32	90	23.05	43.00	PASS
				1RB65	90	22.09	43.00	PASS
				Full RB	90	21.46	43.00	PASS
		High	28299.96	1RB0	90	21.86	43.00	PASS
				1RB32	90	22.93	43.00	PASS
				1RB65	90	21.58	43.00	PASS
				Full RB	90	21.47	43.00	PASS
64QAM	100	Low	27550.08	1RB0	90	20.32	43.00	PASS
				1RB32	90	21.12	43.00	PASS
				1RB65	90	20.45	43.00	PASS
				Full RB	90	20.25	43.00	PASS
		Mid	27925.08	1RB0	90	19.46	43.00	PASS
				1RB32	90	20.70	43.00	PASS
				1RB65	90	19.56	43.00	PASS
				Full RB	90	18.86	43.00	PASS
		High	28299.96	1RB0	90	19.42	43.00	PASS
				1RB32	90	20.38	43.00	PASS
				1RB65	90	18.99	43.00	PASS
				Full RB	90	18.91	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

n261: 1CC

Band	n261	Beam ID	140+12
EUT position	Z-plane	Receive Antenna polarization	Vertical

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27550.08	1RB0	90	27.32	43.00	PASS
				1RB32	90	29.06	43.00	PASS
				1RB65	90	26.87	43.00	PASS
				Full RB	90	25.94	43.00	PASS
		Mid	27925.08	1RB0	90	26.62	43.00	PASS
				1RB32	90	28.62	43.00	PASS
				1RB65	90	26.21	43.00	PASS
				Full RB	90	25.24	43.00	PASS
		High	28299.96	1RB0	90	26.12	43.00	PASS
				1RB32	90	27.95	43.00	PASS
				1RB65	90	25.69	43.00	PASS
				Full RB	90	24.78	43.00	PASS
QPSK	100	Low	27550.08	1RB0	90	24.71	43.00	PASS
				1RB32	90	26.15	43.00	PASS
				1RB65	90	24.67	43.00	PASS
				Full RB	90	23.81	43.00	PASS
		Mid	27925.08	1RB0	90	24.97	43.00	PASS
				1RB32	90	26.04	43.00	PASS
				1RB65	90	24.84	43.00	PASS
				Full RB	90	23.10	43.00	PASS
		High	28299.96	1RB0	90	24.49	43.00	PASS
				1RB32	90	25.78	43.00	PASS
				1RB65	90	24.66	43.00	PASS
				Full RB	90	22.93	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27550.08	1RB0	90	23.70	43.00	PASS
				1RB32	90	25.15	43.00	PASS
				1RB65	90	23.91	43.00	PASS
				Full RB	90	23.15	43.00	PASS
		Mid	27925.08	1RB0	90	24.82	43.00	PASS
				1RB32	90	26.22	43.00	PASS
				1RB65	90	25.21	43.00	PASS
				Full RB	90	22.54	43.00	PASS
		High	28299.96	1RB0	90	23.62	43.00	PASS
				1RB32	90	24.80	43.00	PASS
				1RB65	90	24.20	43.00	PASS
				Full RB	90	21.97	43.00	PASS
64QAM	100	Low	27550.08	1RB0	90	21.97	43.00	PASS
				1RB32	90	23.42	43.00	PASS
				1RB65	90	22.33	43.00	PASS
				Full RB	90	21.49	43.00	PASS
		Mid	27925.08	1RB0	90	23.25	43.00	PASS
				1RB32	90	24.55	43.00	PASS
				1RB65	90	23.70	43.00	PASS
				Full RB	90	20.79	43.00	PASS
		High	28299.96	1RB0	90	22.03	43.00	PASS
				1RB32	90	23.17	43.00	PASS
				1RB65	90	22.51	43.00	PASS
				Full RB	90	20.24	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

n261: 2CC

Band	n261	Beam ID	144+16
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27600.08	1RB0	90	22.41	43.00	PASS
				1RB32	90	22.69	43.00	PASS
				1RB65	90	22.43	43.00	PASS
				Full RB	90	24.79	43.00	PASS
		Mid	27925.08	1RB0	90	21.76	43.00	PASS
				1RB32	90	21.96	43.00	PASS
				1RB65	90	21.65	43.00	PASS
				Full RB	90	23.99	43.00	PASS
		High	28249.96	1RB0	90	21.45	43.00	PASS
				1RB32	90	21.60	43.00	PASS
				1RB65	90	21.31	43.00	PASS
				Full RB	90	23.72	43.00	PASS
QPSK	100	Low	27600.08	1RB0	90	22.14	43.00	PASS
				1RB32	90	22.27	43.00	PASS
				1RB65	90	21.92	43.00	PASS
				Full RB	90	22.42	43.00	PASS
		Mid	27925.08	1RB0	90	21.48	43.00	PASS
				1RB32	90	21.97	43.00	PASS
				1RB65	90	21.26	43.00	PASS
				Full RB	90	21.58	43.00	PASS
		High	28249.96	1RB0	90	21.74	43.00	PASS
				1RB32	90	21.95	43.00	PASS
				1RB65	90	21.40	43.00	PASS
				Full RB	90	21.54	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27600.08	1RB0	90	21.03	43.00	PASS
				1RB32	90	21.18	43.00	PASS
				1RB65	90	20.75	43.00	PASS
				Full RB	90	21.44	43.00	PASS
		Mid	27925.08	1RB0	90	20.38	43.00	PASS
				1RB32	90	20.85	43.00	PASS
				1RB65	90	20.33	43.00	PASS
				Full RB	90	20.39	43.00	PASS
		High	28249.96	1RB0	90	20.65	43.00	PASS
				1RB32	90	20.71	43.00	PASS
				1RB65	90	20.29	43.00	PASS
				Full RB	90	20.37	43.00	PASS
64QAM	100	Low	27600.08	1RB0	90	18.53	43.00	PASS
				1RB32	90	18.69	43.00	PASS
				1RB65	90	18.34	43.00	PASS
				Full RB	90	18.97	43.00	PASS
		Mid	27925.08	1RB0	90	17.84	43.00	PASS
				1RB32	90	18.31	43.00	PASS
				1RB65	90	17.82	43.00	PASS
				Full RB	90	17.80	43.00	PASS
		High	28249.96	1RB0	90	18.18	43.00	PASS
				1RB32	90	18.02	43.00	PASS
				1RB65	90	17.72	43.00	PASS
				Full RB	90	17.93	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

n261: 2CC

Band	n261	Beam ID	140+12
EUT position	Z-plane	Receive Antenna polarization	Horizontal

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
BPSK	100	Low	27600.08	1RB0	90	23.29	43.00	PASS
				1RB32	90	23.48	43.00	PASS
				1RB65	90	23.07	43.00	PASS
				Full RB	90	25.32	43.00	PASS
		Mid	27925.08	1RB0	90	22.44	43.00	PASS
				1RB32	90	22.49	43.00	PASS
				1RB65	90	22.17	43.00	PASS
				Full RB	90	24.66	43.00	PASS
		High	28249.96	1RB0	90	22.09	43.00	PASS
				1RB32	90	22.55	43.00	PASS
				1RB65	90	22.36	43.00	PASS
				Full RB	90	24.66	43.00	PASS
QPSK	100	Low	27600.08	1RB0	90	23.84	43.00	PASS
				1RB32	90	23.93	43.00	PASS
				1RB65	90	23.45	43.00	PASS
				Full RB	90	23.10	43.00	PASS
		Mid	27925.08	1RB0	90	22.09	43.00	PASS
				1RB32	90	22.72	43.00	PASS
				1RB65	90	22.12	43.00	PASS
				Full RB	90	22.25	43.00	PASS
		High	28249.96	1RB0	90	22.19	43.00	PASS
				1RB32	90	22.96	43.00	PASS
				1RB65	90	22.50	43.00	PASS
				Full RB	90	22.18	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	RB Condition	Power Setting	EIRP Avg. (dBm)	Limit Avg. (dBm)	Pass / Fail
16QAM	100	Low	27600.08	1RB0	90	22.74	43.00	PASS
				1RB32	90	22.91	43.00	PASS
				1RB65	90	22.38	43.00	PASS
				Full RB	90	21.97	43.00	PASS
		Mid	27925.08	1RB0	90	20.99	43.00	PASS
				1RB32	90	21.55	43.00	PASS
				1RB65	90	20.97	43.00	PASS
				Full RB	90	21.22	43.00	PASS
		High	28249.96	1RB0	90	21.13	43.00	PASS
				1RB32	90	21.87	43.00	PASS
				1RB65	90	21.43	43.00	PASS
				Full RB	90	21.10	43.00	PASS
64QAM	100	Low	27600.08	1RB0	90	20.12	43.00	PASS
				1RB32	90	20.42	43.00	PASS
				1RB65	90	19.75	43.00	PASS
				Full RB	90	19.30	43.00	PASS
		Mid	27925.08	1RB0	90	18.63	43.00	PASS
				1RB32	90	19.04	43.00	PASS
				1RB65	90	18.58	43.00	PASS
				Full RB	90	18.76	43.00	PASS
		High	28249.96	1RB0	90	18.62	43.00	PASS
				1RB32	90	19.36	43.00	PASS
				1RB65	90	18.77	43.00	PASS
				Full RB	90	18.51	43.00	PASS

Note: MIMO power is a linear summation by SISO beam

4.2 Emission Bandwidth Measurement

4.2.1 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, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

4.2.2 Test Setup

Refer to section 4.2.2

4.2.3 Test Instruments

Refer to section 4.2.3 to get information of above instrument.

4.2.4 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 $\geq 3 \times$ 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.

4.2.5 Deviation from Test Standard

No deviation.

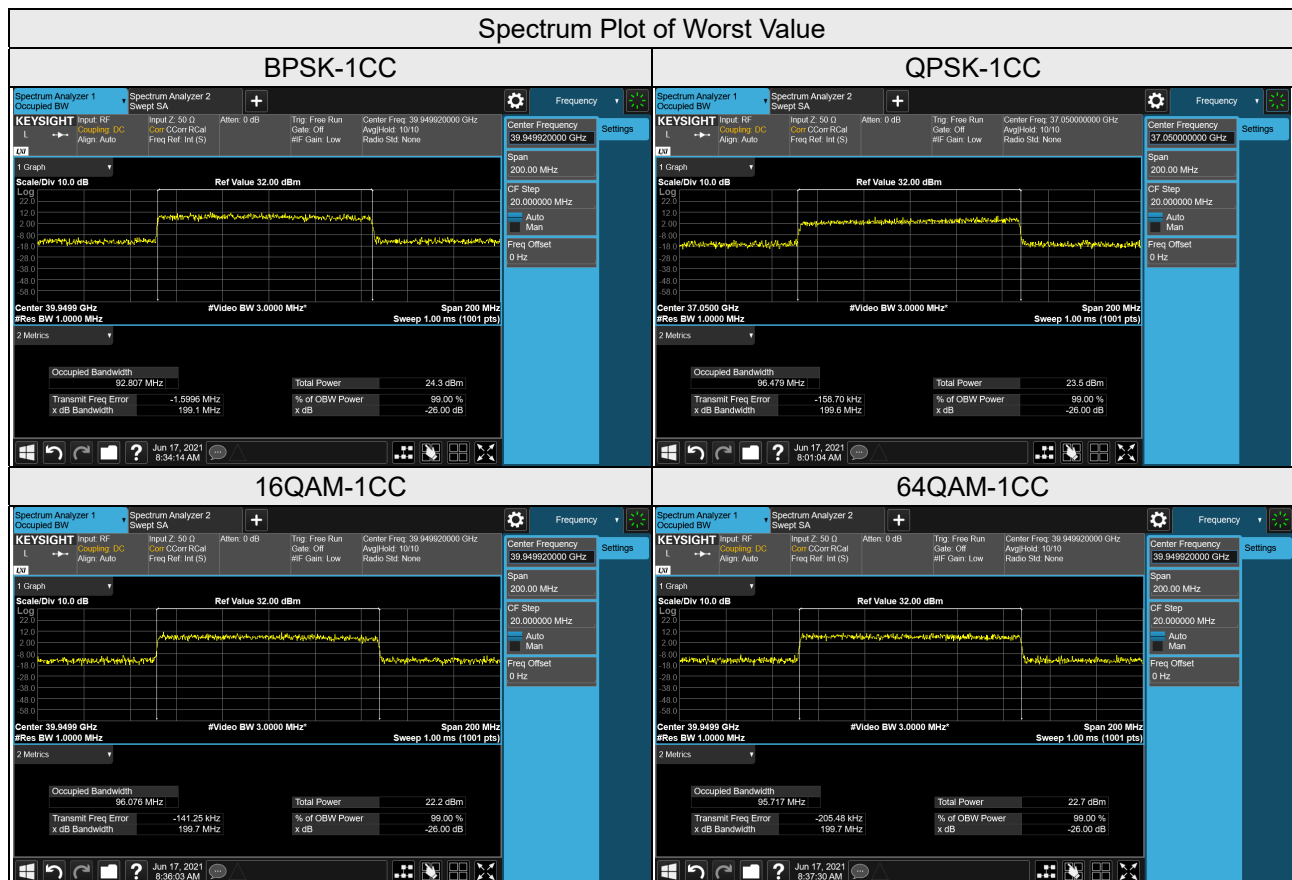
4.2.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest channel frequencies individually.

4.2.7 Test Result

n260: Channel Bandwidth: 100MHz

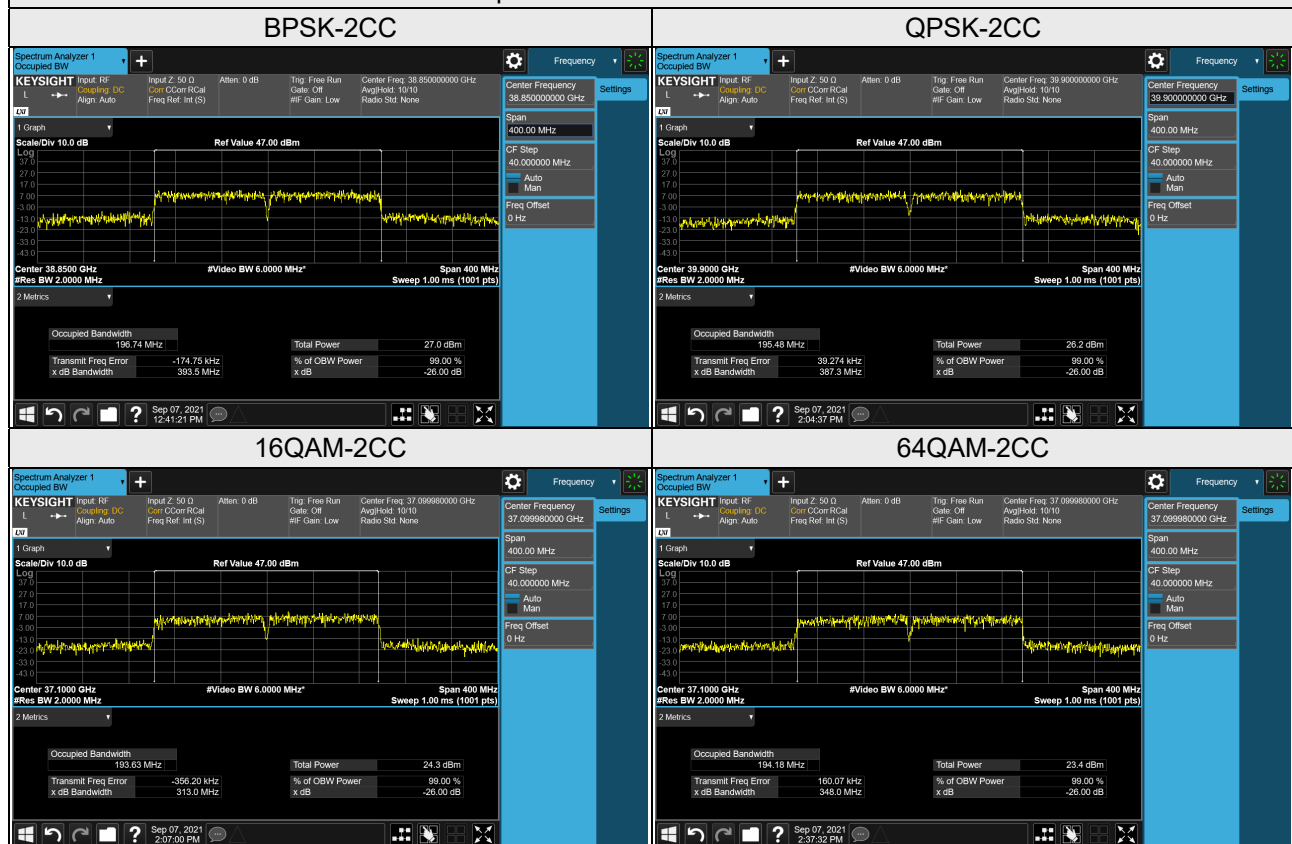
Band	Component Carriers	Modulation	RB	Occupied Bandwidth (MHz)		
				Low channel	Middle channel	High Channel
n260	1CC	BPSK	Full RB	92.683	92.563	92.807
		QPSK	Full RB	96.479	95.676	96.257
		16QAM	Full RB	95.603	94.952	96.076
		64QAM	Full RB	95.662	95.383	95.717



n260: Channel Bandwidth: 100MHz

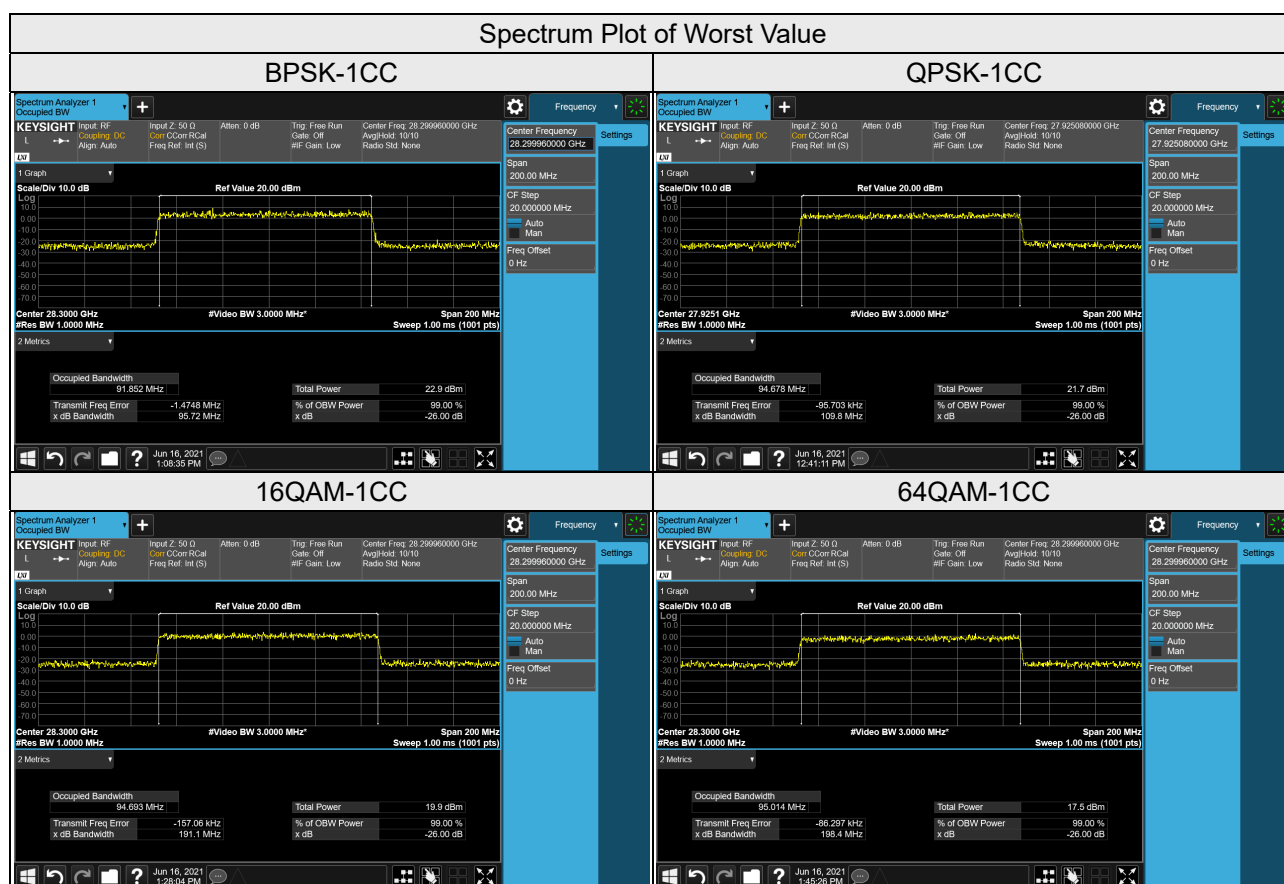
Band	Component Carriers	Modulation	RB	Occupied Bandwidth (MHz)		
				Low channel	Middle channel	High Channel
n260	2CC	BPSK	Full RB	195.55	196.74	195.36
		QPSK	Full RB	195.32	195.26	195.48
		16QAM	Full RB	193.63	193.34	193.55
		64QAM	Full RB	194.18	193.98	193.79

Spectrum Plot of Worst Value



n261: Channel Bandwidth: 100MHz

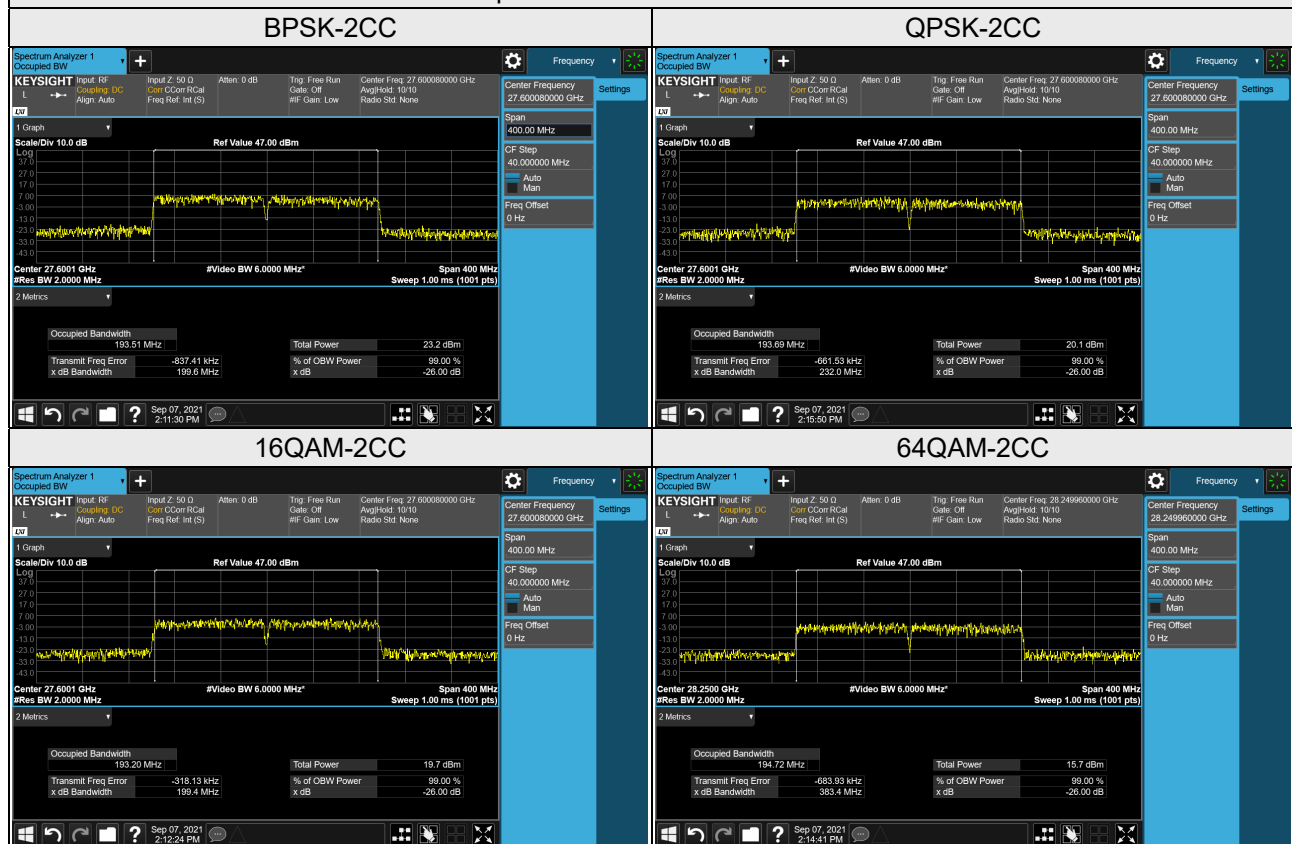
Band	Component Carriers	Modulation	RB	Occupied Bandwidth (MHz)		
				Low channel	Middle channel	High Channel
n261	1CC	BPSK	Full RB	91.639	91.456	91.852
		QPSK	Full RB	94.305	94.678	94.368
		16QAM	Full RB	94.331	94.515	94.693
		64QAM	Full RB	94.548	94.926	95.014



n261: Channel Bandwidth: 100MHz

Band	Component Carriers	Modulation	RB	Occupied Bandwidth (MHz)		
				Low channel	Middle channel	High Channel
n261	2CC	BPSK	Full RB	193.51	193.45	193.28
		QPSK	Full RB	193.69	193.52	193.21
		16QAM	Full RB	193.20	192.95	193.11
		64QAM	Full RB	194.63	194.34	194.72

Spectrum Plot of Worst Value



4.3 Out-of-Band Spurious Emission Measurement

4.3.1 Limits of Out-of-Band Spurious Emission Measurement

The conducted 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 conducted power or the total radiated power of any emission shall be -5 dBm/MHz or lower.

4.3.2 Test Instruments

Refer to section 4.2.3 to get information of above instrument.

4.3.3 Test Procedures

The spectrum is scanned from 30MHz to 100GHz for n261 and for 30MHz to 200GHz for n260. All out of band emission are measured in a radiated test setup while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All modulations were investigated to determine the worse case configuration. All modes of operation were investigated and the worse case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

The conducted power or total radiated power of any emissions outside a licensee's frequency block shall be -13dBm/1MHz.

Test Procedures Used

ANSI C63.26-2015 Section 5.7.4

KDB 842590 D01 v01r02 Section 4.4.2 and Section 4.4.3

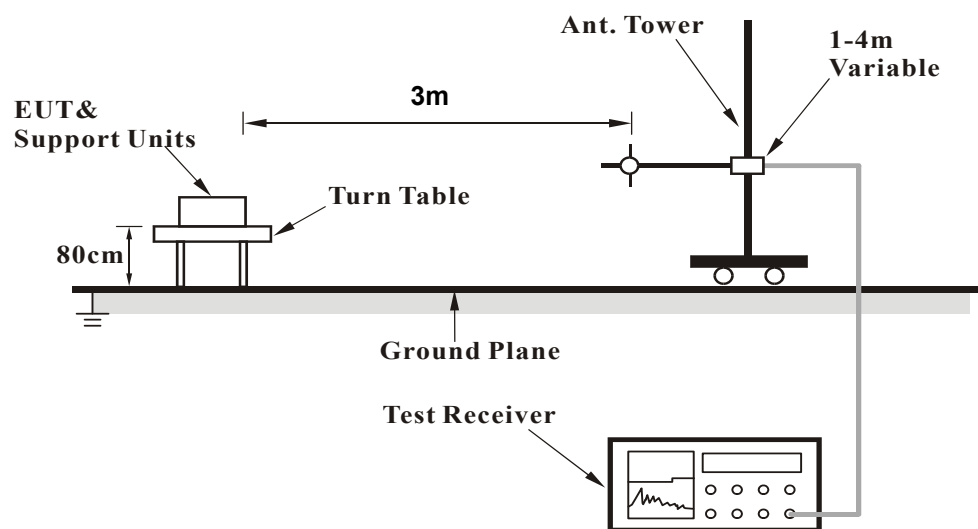
EUT antenna of far field distance		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
Below 18GHz	0.066m	3m
18GHz to 40GHz	0.146m	2m
40GHz to 170GHz	0.620m	1m
170GHz to 200GHz	0.729m	1m
Note: EUT Antenna Dimension is 23mm length, 4.2mm Width.		
Measurement antenna 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
110GHz-170GHz	12mm	1m
170GHz-200GHz	8mm	1m

4.3.4 Deviation from Test Standard

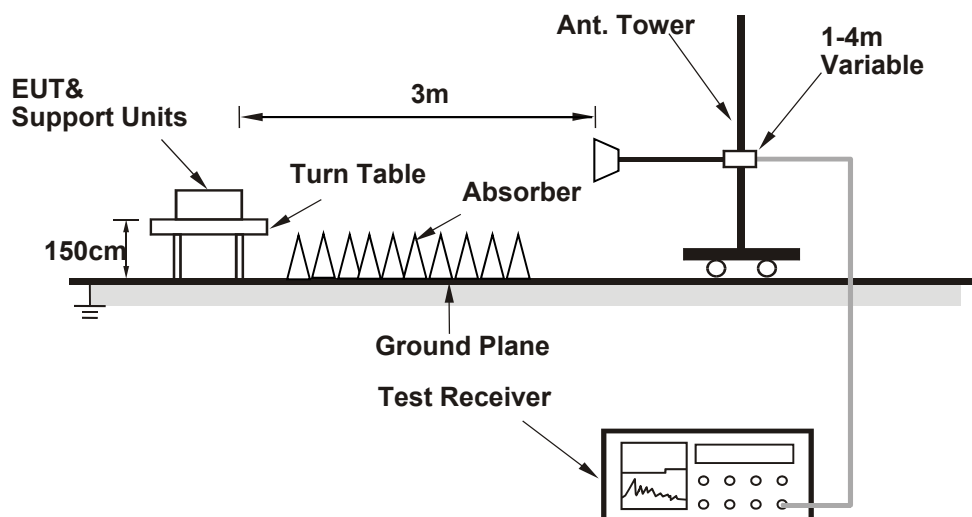
No deviation.

4.3.5 Test Set Up

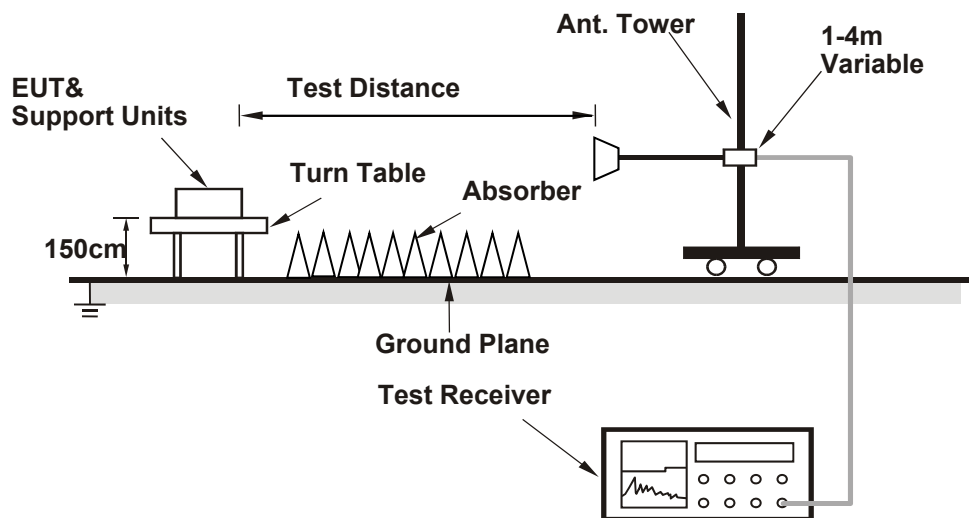
<Frequency Range below 1GHz>



<Frequency Range 1GHz ~ 18GHz>



<Frequency Range above 18GHz>



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

4.3.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 Test Result

n260:

Bandwidth: 100MHz

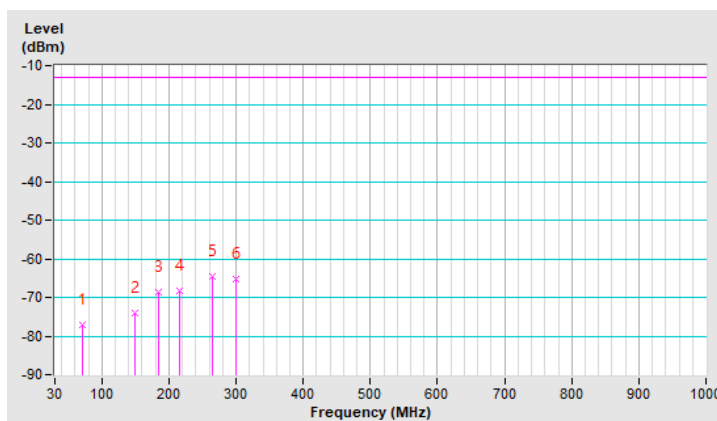
Below 1GHz Data:

Beam ID	147+19	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	71.90	-77.00	-13.00	-64.00	1.00 H	252	39.80	-116.80
2	148.53	-74.00	-13.00	-61.00	1.00 H	188	39.70	-113.70
3	185.01	-68.50	-13.00	-55.50	1.50 H	148	47.30	-115.80
4	215.85	-68.20	-13.00	-55.20	2.00 H	123	48.80	-117.00
5	263.96	-64.50	-13.00	-51.50	1.00 H	16	50.00	-114.50
6	299.66	-65.10	-13.00	-52.10	1.00 H	67	48.00	-113.10

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

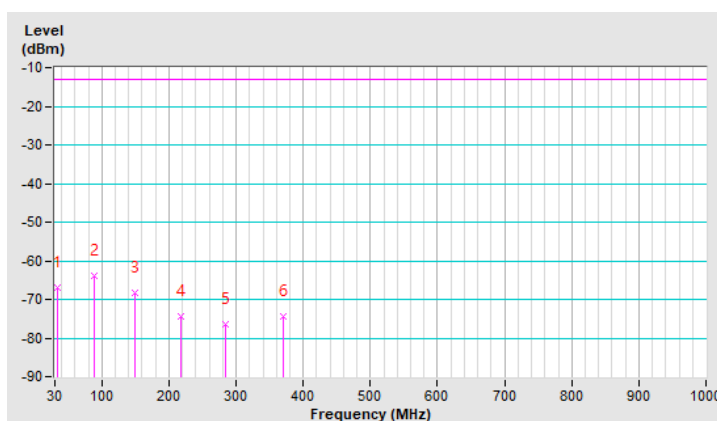


Beam ID	147+19	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-66.90	-13.00	-53.90	1.00 V	181	48.20	-115.10
2	88.78	-63.90	-13.00	-50.90	1.50 V	84	55.40	-119.30
3	148.53	-68.40	-13.00	-55.40	1.50 V	103	45.30	-113.70
4	218.37	-74.30	-13.00	-61.30	1.00 V	128	42.70	-117.00
5	283.56	-76.30	-13.00	-63.30	2.00 V	78	37.20	-113.50
6	371.05	-74.40	-13.00	-61.40	2.00 V	326	36.90	-111.30

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

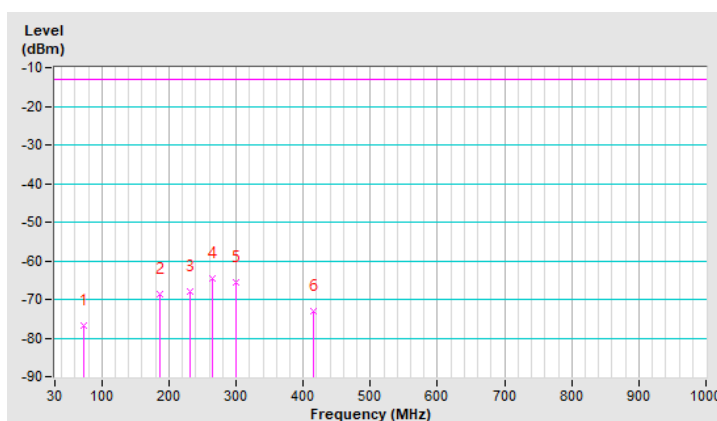


Beam ID	147+19	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	72.10	-76.80	-13.00	-63.80	1.00 H	154	40.10	-116.90
2	185.59	-68.80	-13.00	-55.80	1.50 H	286	47.10	-115.90
3	231.37	-67.80	-13.00	-54.80	1.50 H	199	48.10	-115.90
4	263.96	-64.50	-13.00	-51.50	1.00 H	217	50.00	-114.50
5	299.85	-65.70	-13.00	-52.70	1.00 H	84	47.40	-113.10
6	415.87	-72.90	-13.00	-59.90	2.00 H	258	37.50	-110.40

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

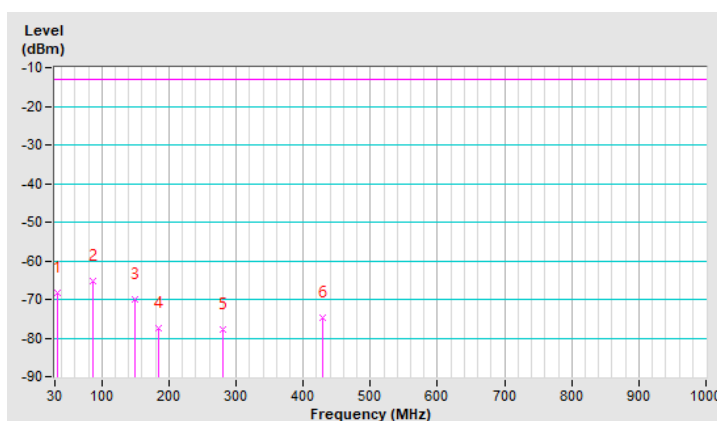


Beam ID	147+19	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-68.20	-13.00	-55.20	1.00 V	188	46.90	-115.10
2	87.62	-65.30	-13.00	-52.30	1.50 V	54	54.00	-119.30
3	149.50	-70.00	-13.00	-57.00	1.50 V	277	43.60	-113.60
4	185.39	-77.30	-13.00	-64.30	1.00 V	105	38.60	-115.90
5	280.65	-77.90	-13.00	-64.90	1.50 V	189	35.70	-113.60
6	428.67	-74.60	-13.00	-61.60	1.00 V	349	35.30	-109.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

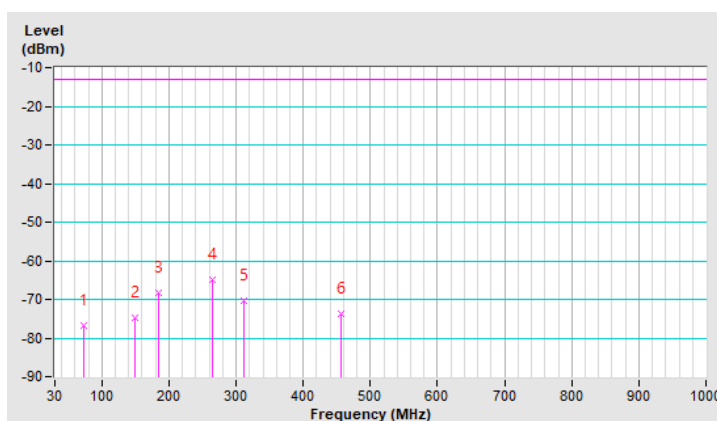


Beam ID	147+19	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	72.10	-76.80	-13.00	-63.80	1.00 H	137	40.10	-116.90
2	149.70	-74.60	-13.00	-61.60	1.00 H	77	39.00	-113.60
3	185.01	-68.20	-13.00	-55.20	2.00 H	45	47.60	-115.80
4	263.96	-64.90	-13.00	-51.90	1.00 H	291	49.60	-114.50
5	311.88	-70.50	-13.00	-57.50	1.00 H	155	42.30	-112.80
6	456.02	-73.70	-13.00	-60.70	1.50 H	59	35.30	-109.00

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

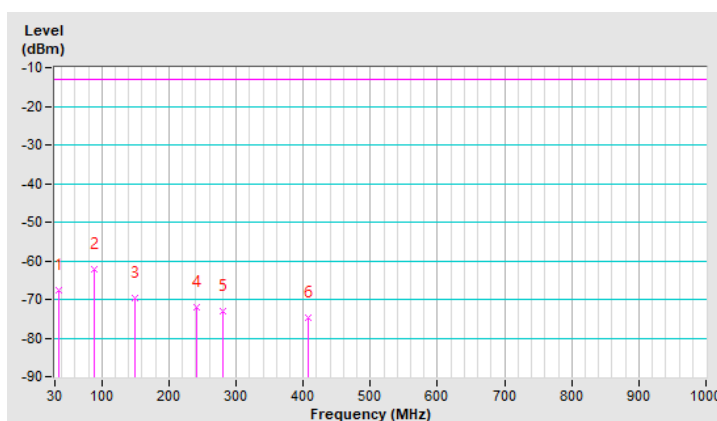


Beam ID	147+19	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.24	-67.50	-13.00	-54.50	1.00 V	199	47.50	-115.00
2	89.17	-62.20	-13.00	-49.20	1.00 V	247	57.10	-119.30
3	148.34	-69.70	-13.00	-56.70	1.49 V	168	44.00	-113.70
4	240.30	-72.00	-13.00	-59.00	1.49 V	112	43.10	-115.10
5	281.04	-73.10	-13.00	-60.10	1.00 V	204	40.50	-113.60
6	408.30	-74.90	-13.00	-61.90	2.00 V	66	35.70	-110.60

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



Above 1GHz Data:

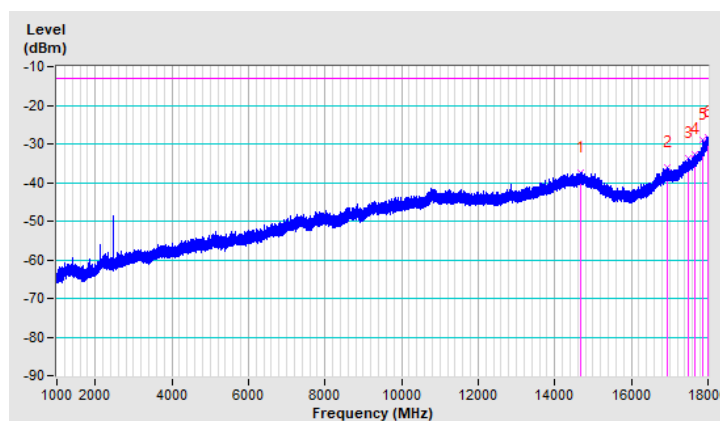
1GHz ~ 18GHz:

Beam ID	147+19	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14689.25	-37.43	-13.00	-24.43	1.50 H	68	46.79	-84.22
2	16929.00	-36.23	-13.00	-23.23	1.50 H	166	49.22	-85.45
3	17500.62	-33.66	-13.00	-20.66	2.00 H	197	49.35	-83.01
4	17648.10	-32.57	-13.00	-19.57	2.00 H	195	49.87	-82.44
5	17874.62	-28.93	-13.00	-15.93	1.00 H	79	50.60	-79.53
6	17997.45	-28.29	-13.00	-15.29	1.00 H	162	49.03	-77.32

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

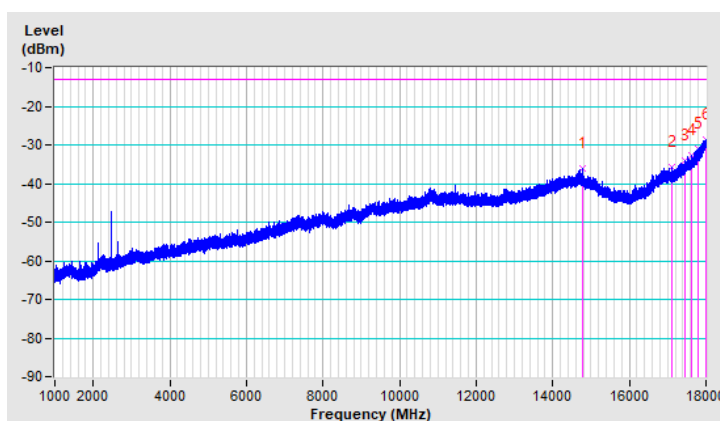


Beam ID	147+19	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14785.73	-36.00	-13.00	-23.00	1.50 V	178	48.78	-84.78
2	17098.15	-35.70	-13.00	-22.70	1.00 V	324	49.54	-85.24
3	17451.75	-34.20	-13.00	-21.20	1.00 V	297	49.29	-83.49
4	17624.72	-32.64	-13.00	-19.64	1.50 V	66	50.08	-82.72
5	17801.53	-31.02	-13.00	-18.02	1.50 V	249	49.72	-80.74
6	17995.33	-28.80	-13.00	-15.80	1.50 V	94	48.55	-77.35

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

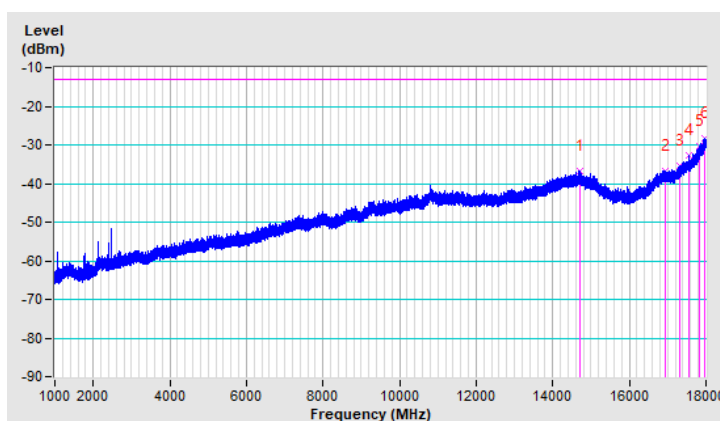


Beam ID	147+19	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14699.02	-36.72	-13.00	-23.72	1.00 H	184	47.46	-84.18
2	16948.12	-36.62	-13.00	-23.62	1.50 H	259	48.81	-85.43
3	17316.17	-35.57	-13.00	-22.57	1.00 H	64	48.98	-84.55
4	17559.28	-32.87	-13.00	-19.87	1.00 H	39	50.14	-83.01
5	17841.05	-30.46	-13.00	-17.46	1.50 H	246	49.63	-80.09
6	17963.03	-28.20	-13.00	-15.20	1.00 H	345	49.75	-77.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

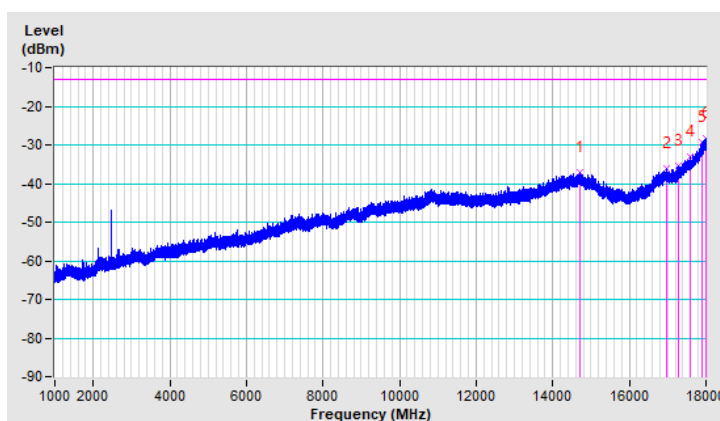


Beam ID	147+19	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14707.52	-37.23	-13.00	-24.23	1.00 V	174	47.01	-84.24
2	16957.47	-36.06	-13.00	-23.06	1.50 V	219	49.37	-85.43
3	17269.42	-35.35	-13.00	-22.35	1.00 V	277	49.60	-84.95
4	17589.03	-33.21	-13.00	-20.21	1.50 V	192	49.81	-83.02
5	17894.17	-29.24	-13.00	-16.24	2.00 V	9	49.97	-79.21
6	17998.30	-28.46	-13.00	-15.46	1.00 V	144	48.84	-77.30

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

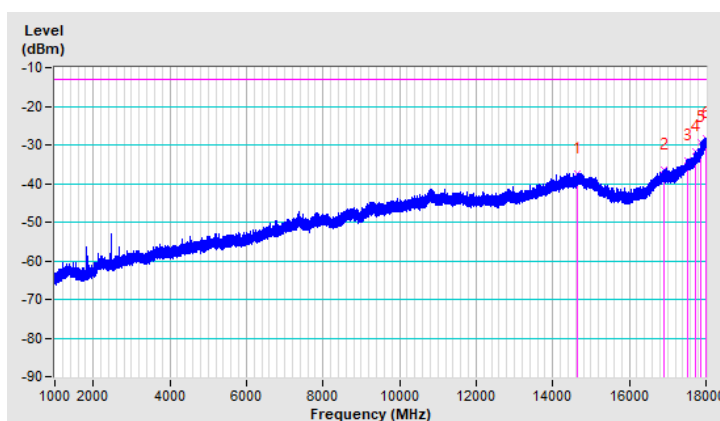


Beam ID	147+19	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14640.37	-37.34	-13.00	-24.34	1.50 H	142	47.05	-84.39
2	16903.08	-36.42	-13.00	-23.42	1.00 H	260	49.05	-85.47
3	17504.87	-33.98	-13.00	-20.98	1.50 H	277	49.02	-83.00
4	17721.62	-31.78	-13.00	-18.78	2.00 H	58	49.82	-81.60
5	17879.30	-29.28	-13.00	-16.28	1.50 H	154	50.18	-79.46
6	17998.72	-28.22	-13.00	-15.22	1.00 H	330	49.07	-77.29

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

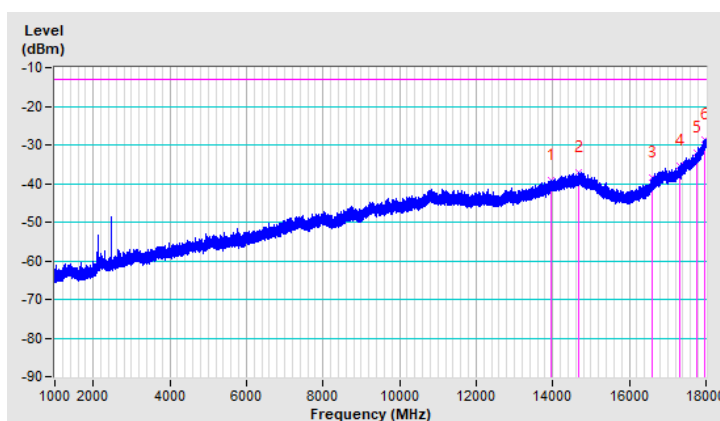


Beam ID	147+19	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	13959.10	-39.29	-13.00	-26.29	1.00 V	246	46.20	-85.49
2	14687.98	-37.07	-13.00	-24.07	1.00 V	62	47.15	-84.22
3	16577.95	-38.47	-13.00	-25.47	1.50 V	296	48.32	-86.79
4	17311.92	-35.36	-13.00	-22.36	2.00 V	187	49.22	-84.58
5	17764.97	-32.16	-13.00	-19.16	1.00 V	202	48.97	-81.13
6	17976.62	-28.58	-13.00	-15.58	1.50 V	358	49.12	-77.70

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



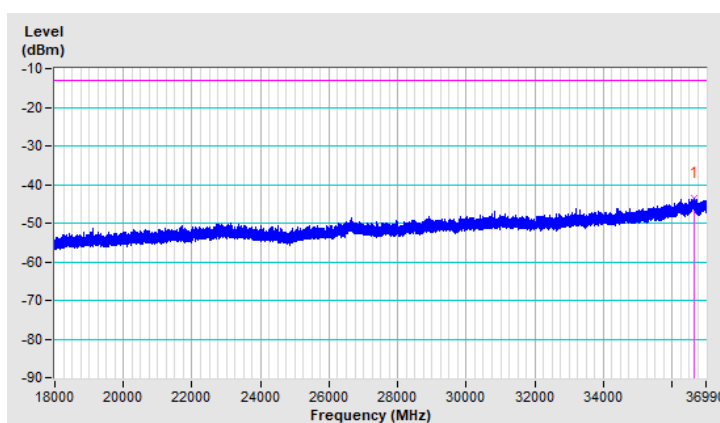
18GHz ~ 36.990GHz:

Beam ID	147+19	Frequency Range	18GHz ~ 36.990GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36636.31	-43.62	-13.00	-30.62	1.73 H	185	52.32	-95.94

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

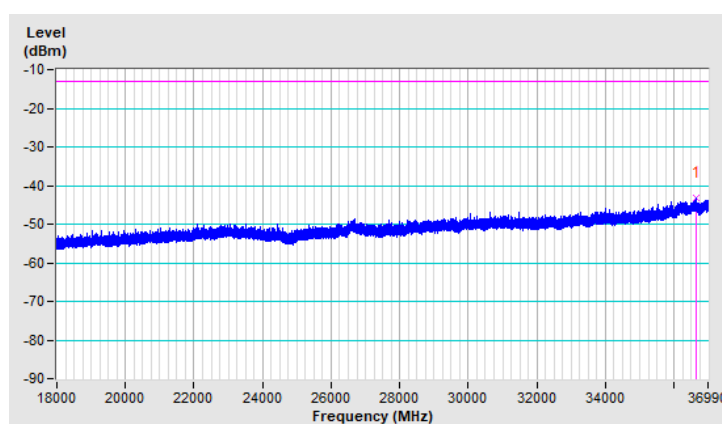


Beam ID	147+19	Frequency Range	18GHz ~ 36.990GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36628.72	-43.25	-13.00	-30.25	1.72 V	241	52.66	-95.91

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

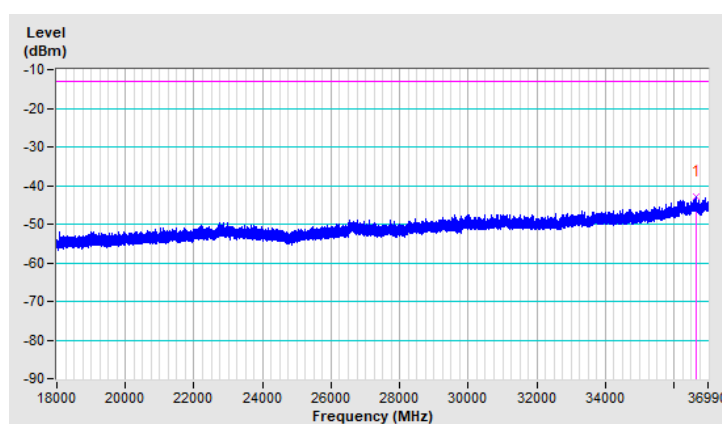


Beam ID	147+19	Frequency Range	18GHz ~ 36.990GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36642.48	-42.85	-13.00	-29.85	1.84 H	176	53.12	-95.97

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

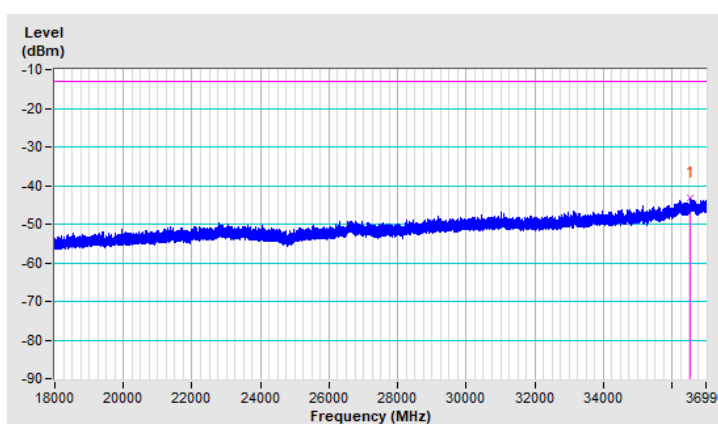


Beam ID	147+19	Frequency Range	18GHz ~ 36.990GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36540.41	-43.27	-13.00	-30.27	1.82 V	192	52.62	-95.89

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

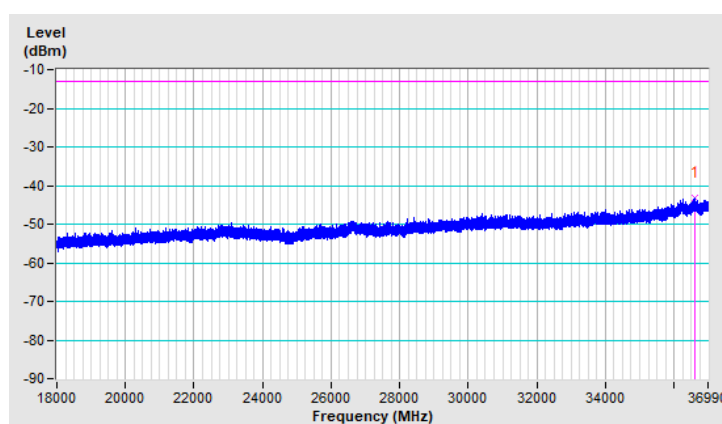


Beam ID	147+19	Frequency Range	18GHz ~ 36.990GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36601.65	-43.31	-13.00	-30.31	1.59 H	136	52.47	-95.78

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

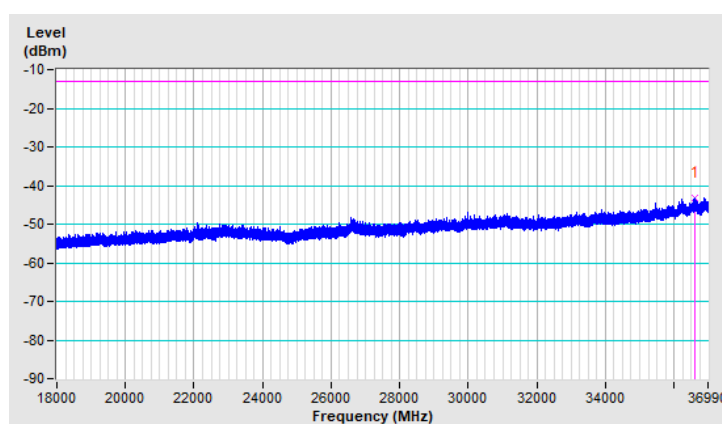


Beam ID	147+19	Frequency Range	18GHz ~ 36.990GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36614.47	-43.20	-13.00	-30.20	1.53 V	165	52.64	-95.84

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



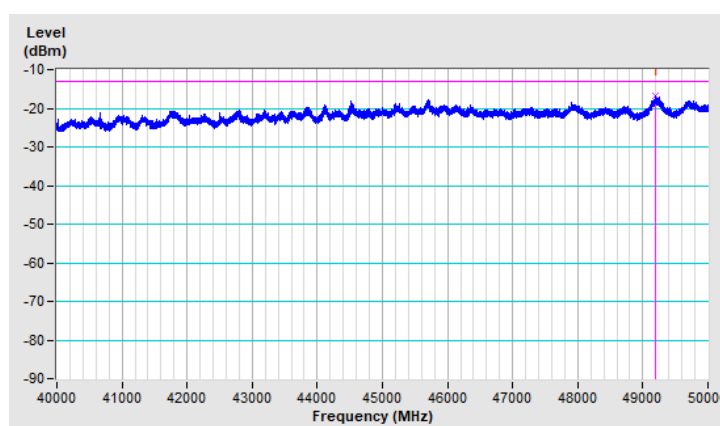
40GHz ~ 50GHz:

Beam ID	147+19	Frequency Range	40GHz ~ 50GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49196.50	-16.89	-13.00	-3.89	1.78 H	292	27.01	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

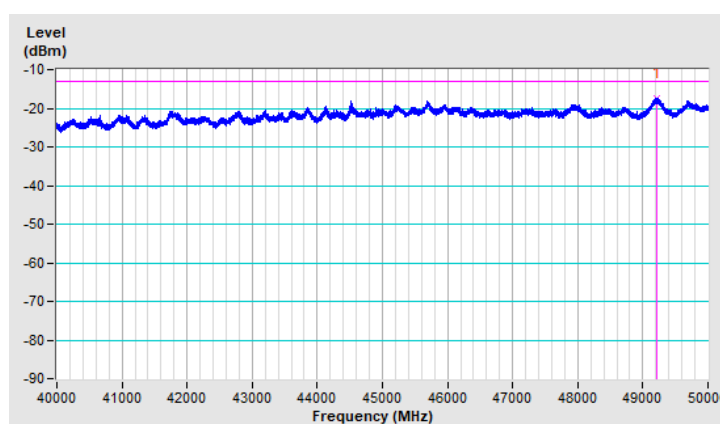


Beam ID	147+19	Frequency Range	40GHz ~ 50GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49209.00	-17.43	-13.00	-4.43	1.78 V	219	26.47	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

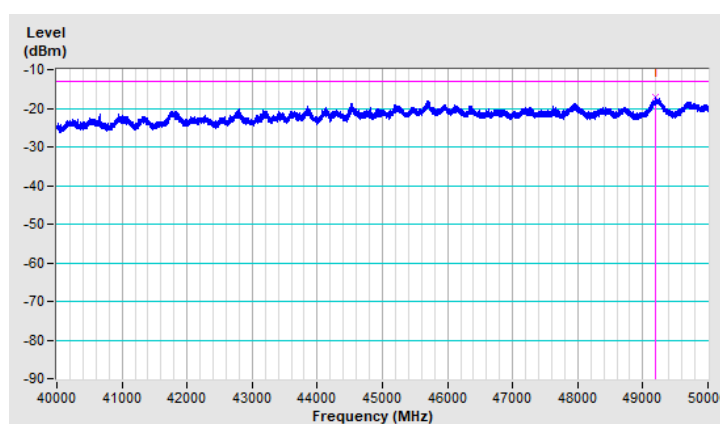


Beam ID	147+19	Frequency Range	40GHz ~ 50GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49200.50	-17.18	-13.00	-4.18	1.75 H	183	26.72	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

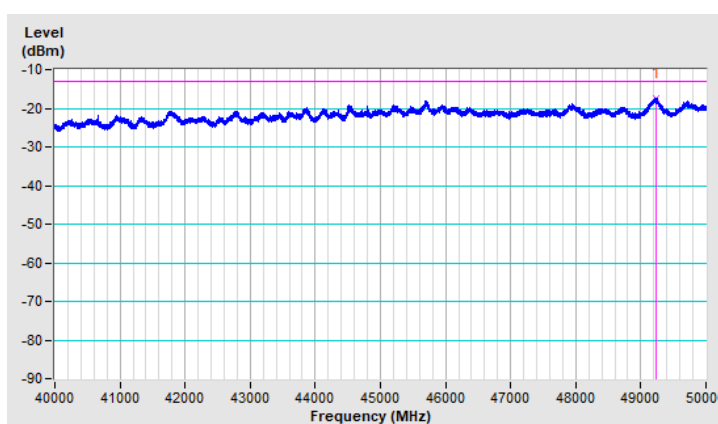


Beam ID	147+19	Frequency Range	40GHz ~ 50GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49225.00	-17.56	-13.00	-4.56	1.54 V	210	26.34	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

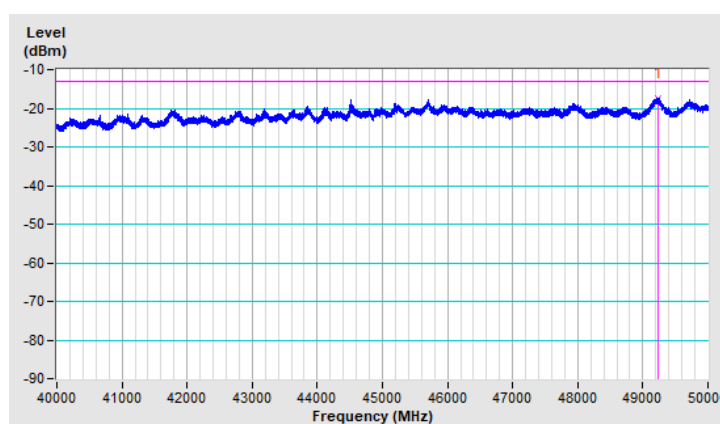


Beam ID	147+19	Frequency Range	40GHz ~ 50GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49237.50	-17.32	-13.00	-4.32	1.68 H	198	26.58	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

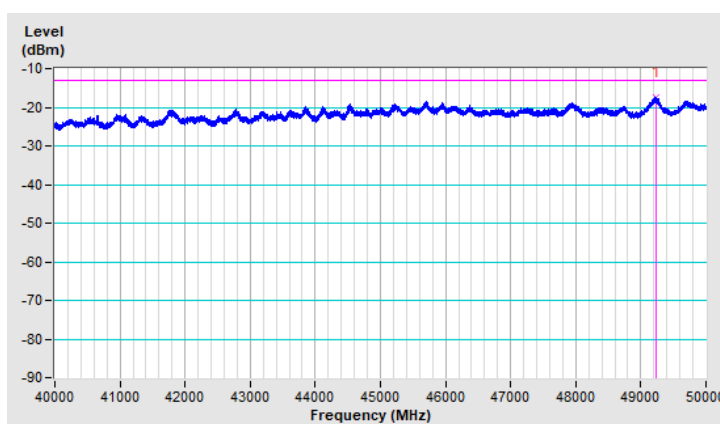


Beam ID	147+19	Frequency Range	40GHz ~ 50GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49243.50	-17.45	-13.00	-4.45	1.71 V	252	26.45	-43.90

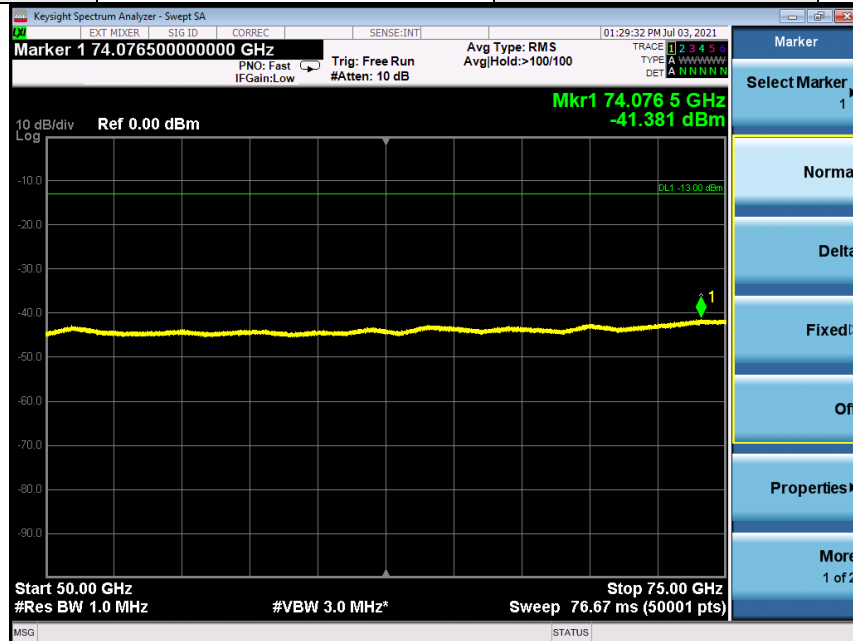
Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

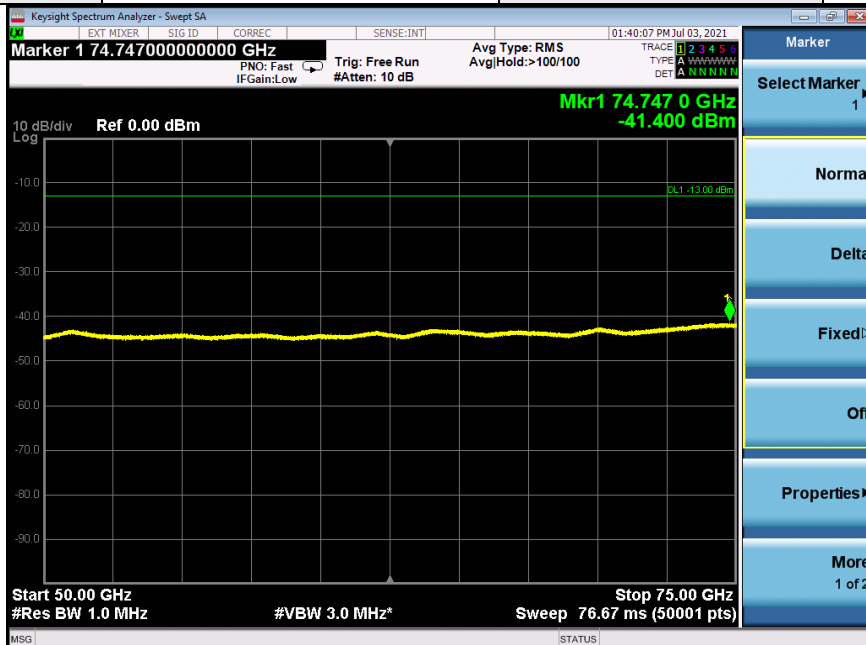


50GHz ~ 75GHz:

Band	n260	Beam ID	147+19
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



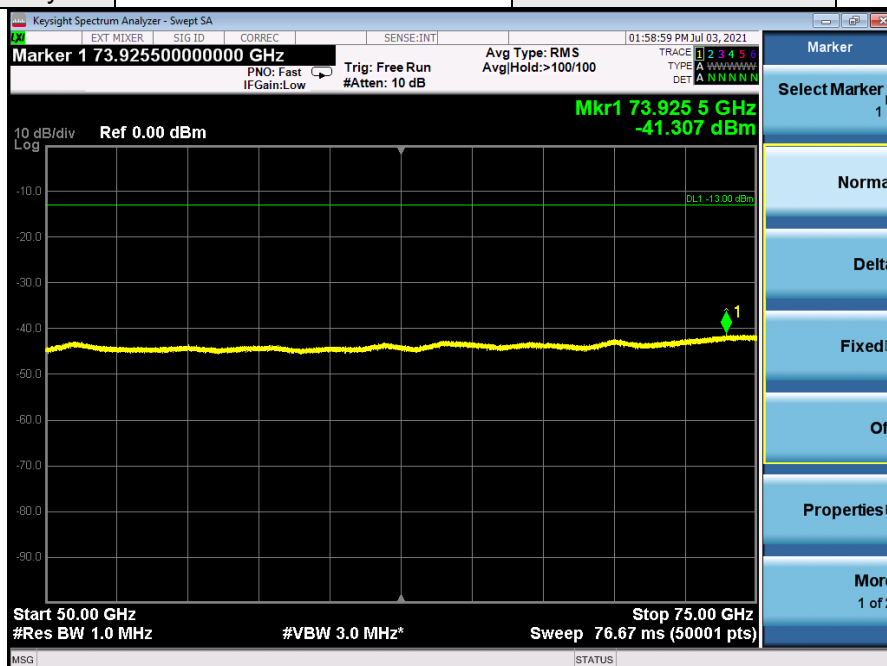
Band	n260	Beam ID	147+19
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



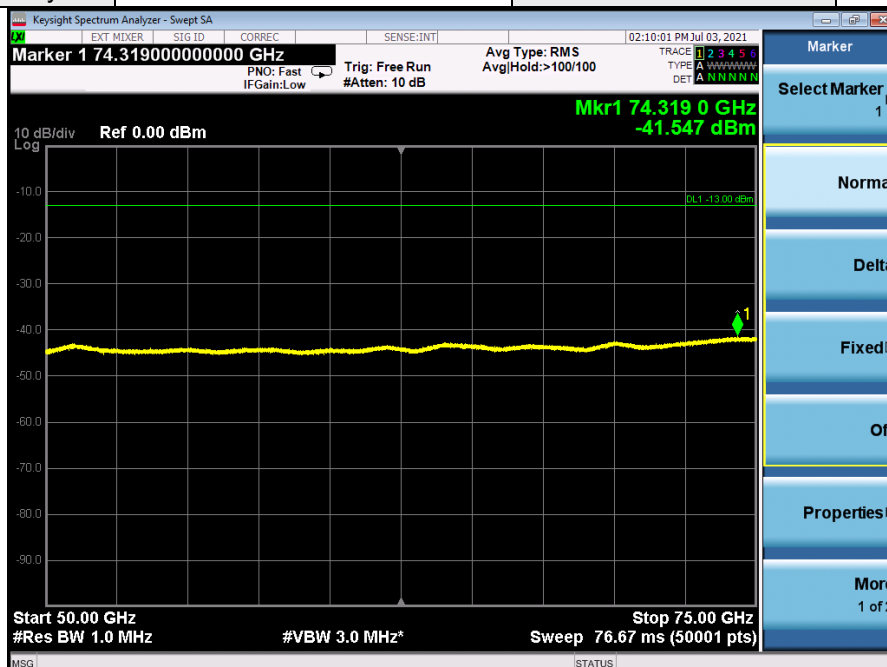
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

Band	n260	Beam ID	147+19
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



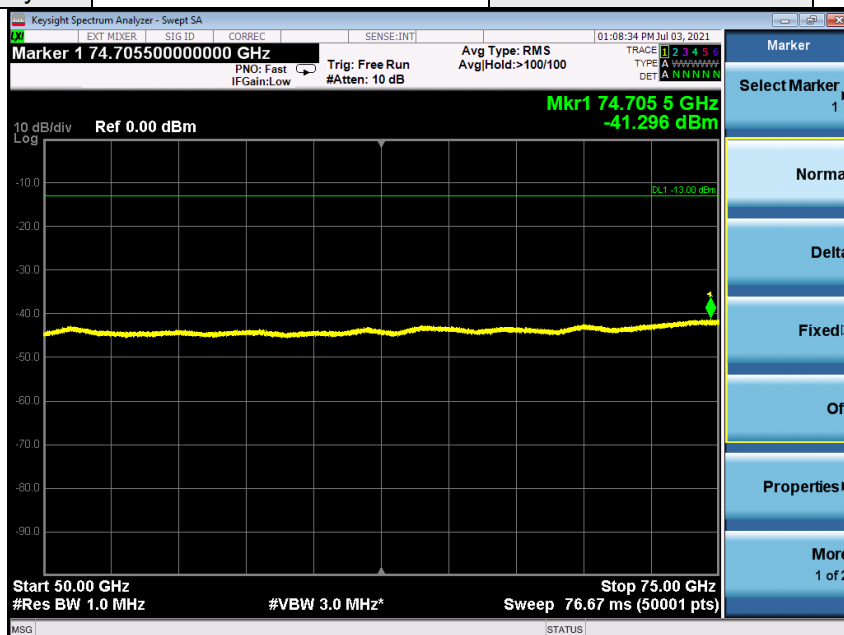
Band	n260	Beam ID	147+19
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



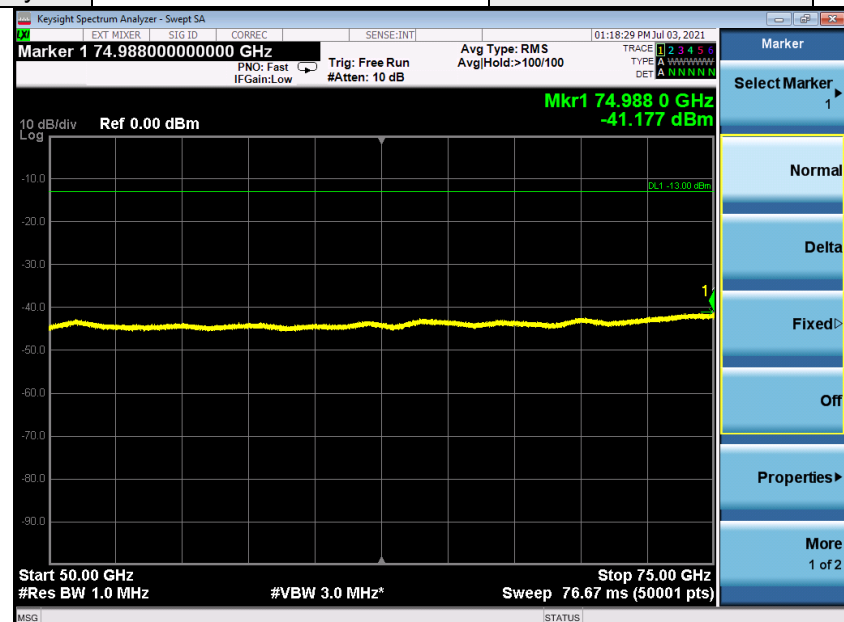
Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw Value(dBm) + 107 + Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + 20\log(D) - 104.8 + Harmonic Mixer Conversion Loss (dB)$.

Band	n260	Beam ID	147+19
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n260	Beam ID	147+19
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m

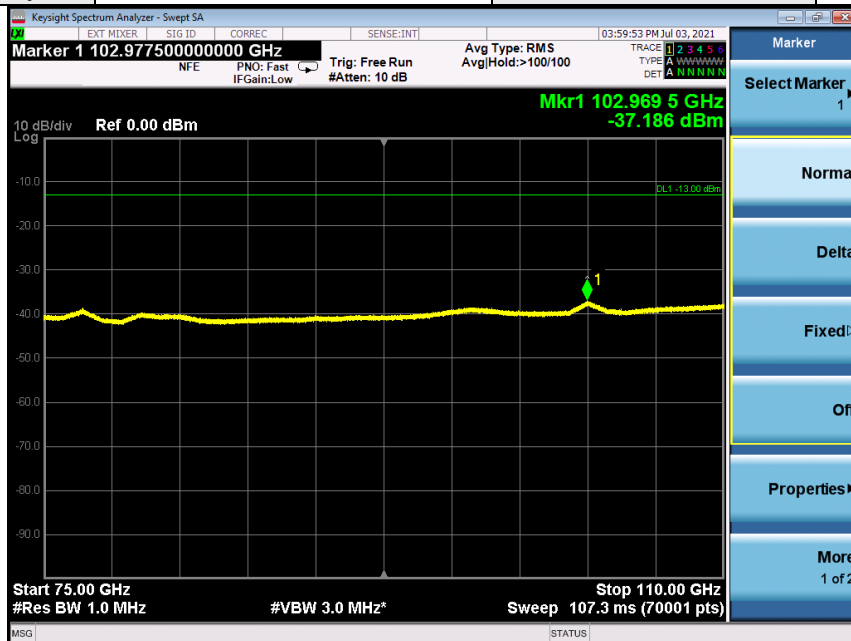


Note:

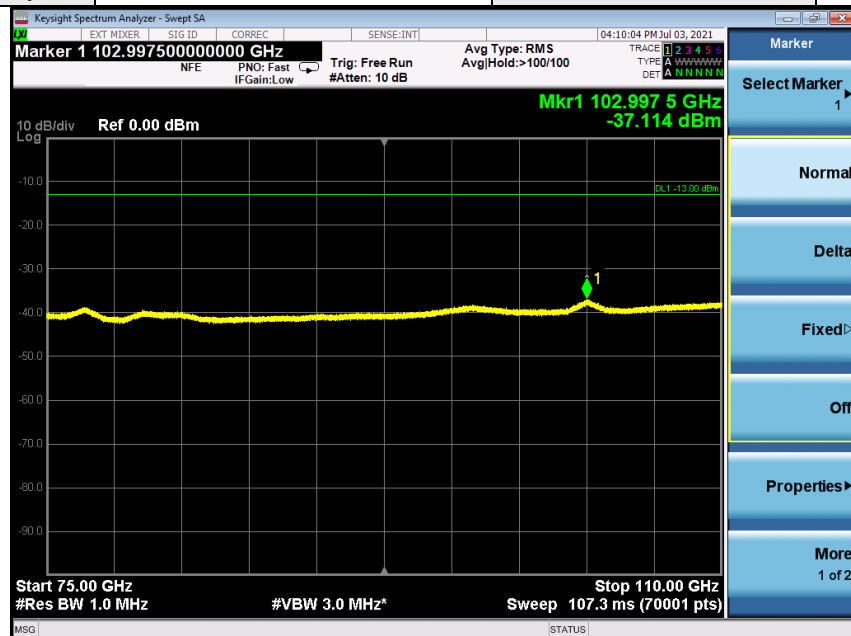
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

75GHz ~ 110GHz:

Band	n260	Beam ID	147+19
Frequency Range	75GHz-110GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



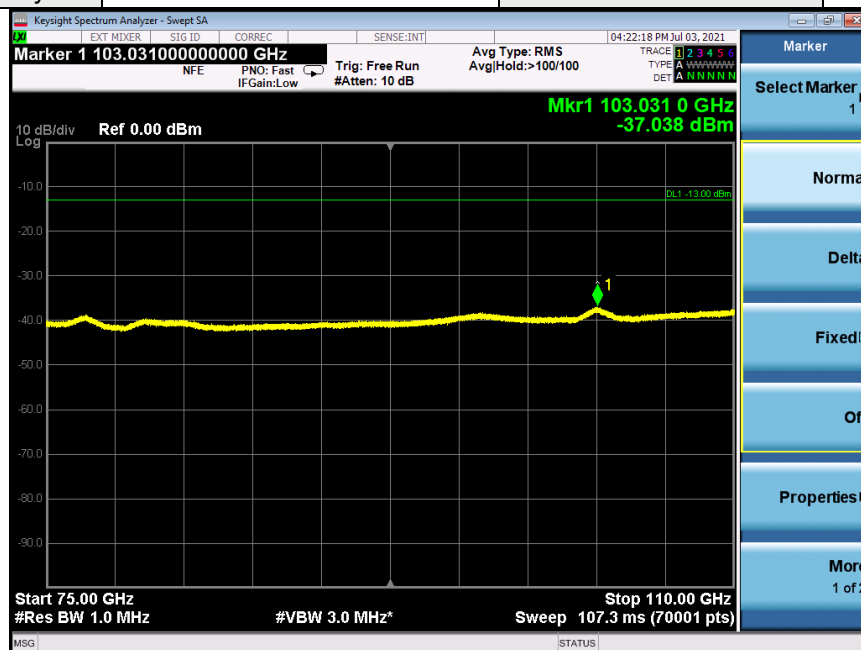
Band	n260	Beam ID	147+19
Frequency Range	75GHz-110GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



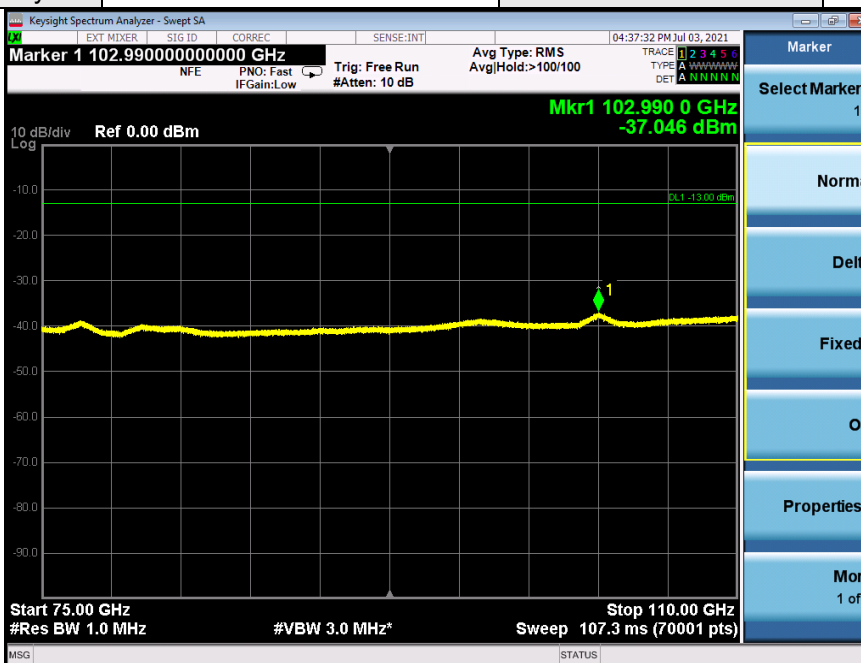
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

Band	n260	Beam ID	147+19
Frequency Range	75GHz-110GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



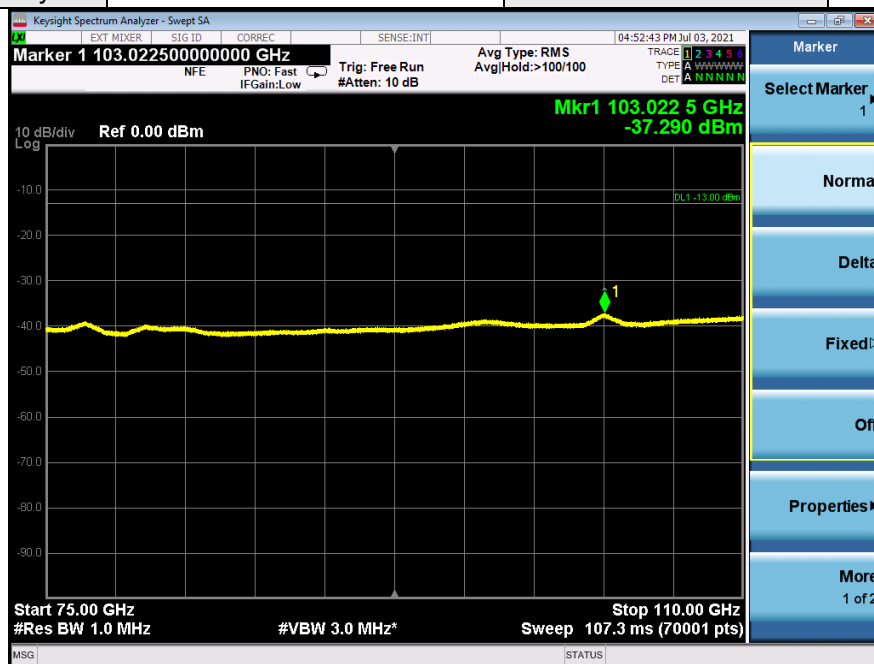
Band	n260	Beam ID	147+19
Frequency Range	75GHz-110GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



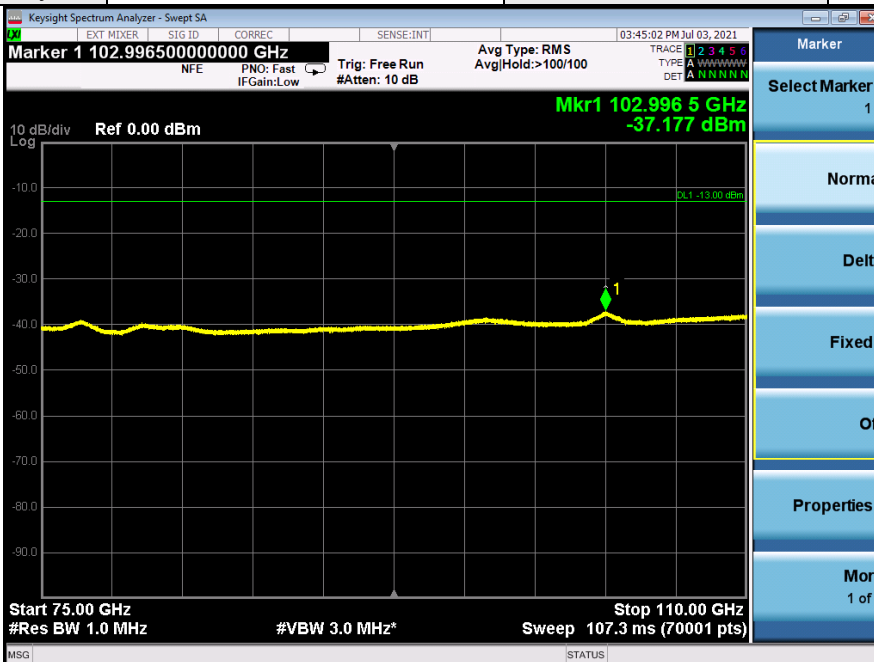
Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.

Band	n260	Beam ID	147+19
Frequency Range	75GHz-110GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n260	Beam ID	147+19
Frequency Range	75GHz-110GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

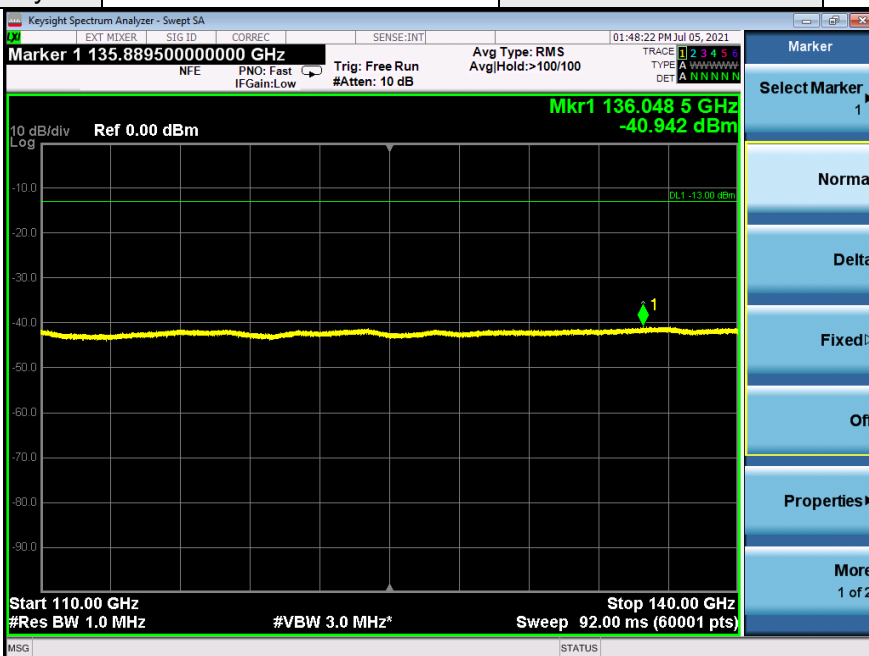
1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.

110GHz ~ 140GHz:

Band	n260	Beam ID	147+19
Frequency Range	110GHz-140GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



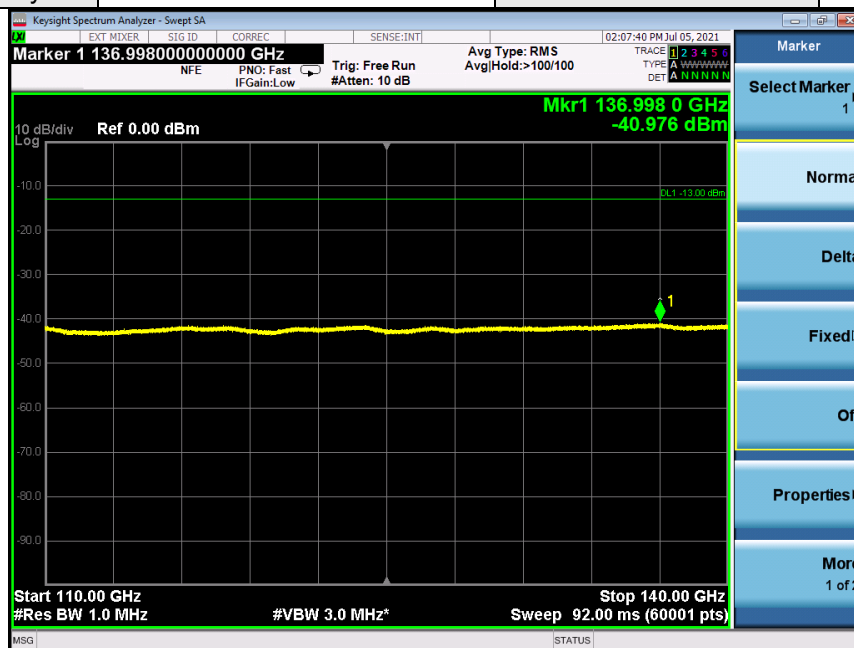
Band	n260	Beam ID	147+19
Frequency Range	110GHz-140GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = \text{Raw Value}(dBm) + 107 + \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier Factor}(dB) + 20\log(D) - 104.8 + \text{Harmonic Mixer Conversion Loss}(dB)$.

Band	n260	Beam ID	147+19
Frequency Range	110GHz-140GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



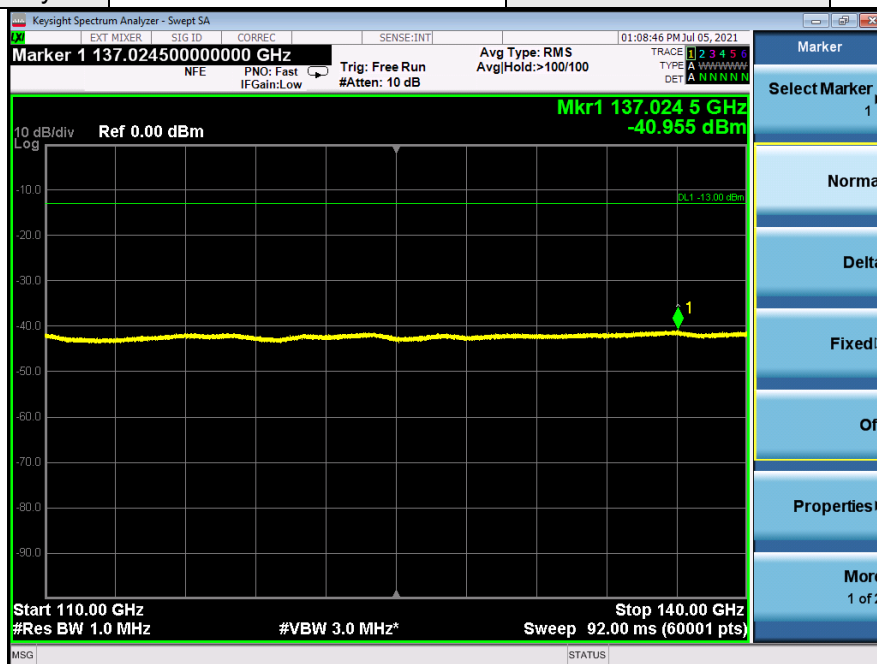
Band	n260	Beam ID	147+19
Frequency Range	110GHz-140GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



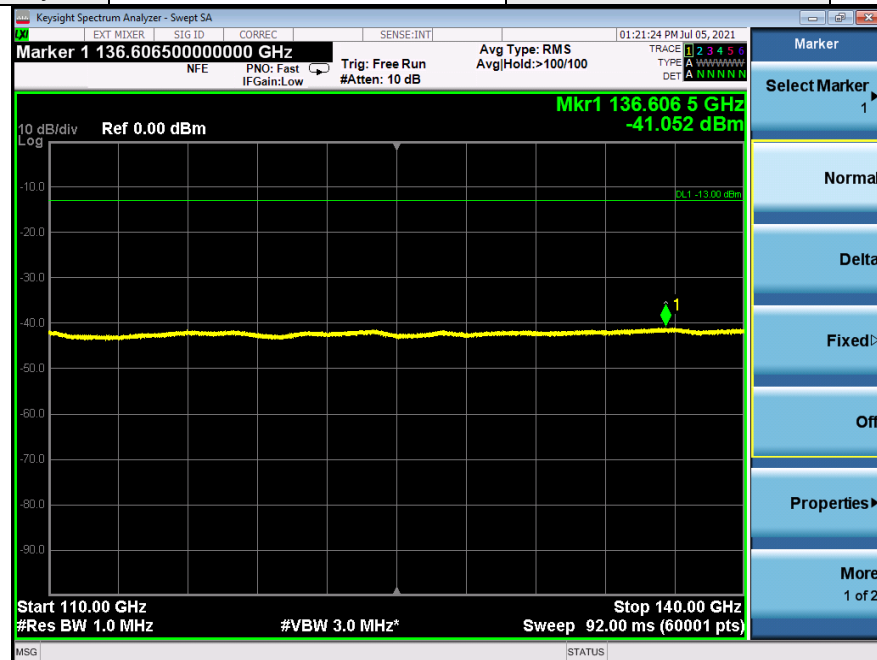
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

Band	n260	Beam ID	147+19
Frequency Range	110GHz-140GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n260	Beam ID	147+19
Frequency Range	110GHz-140GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m

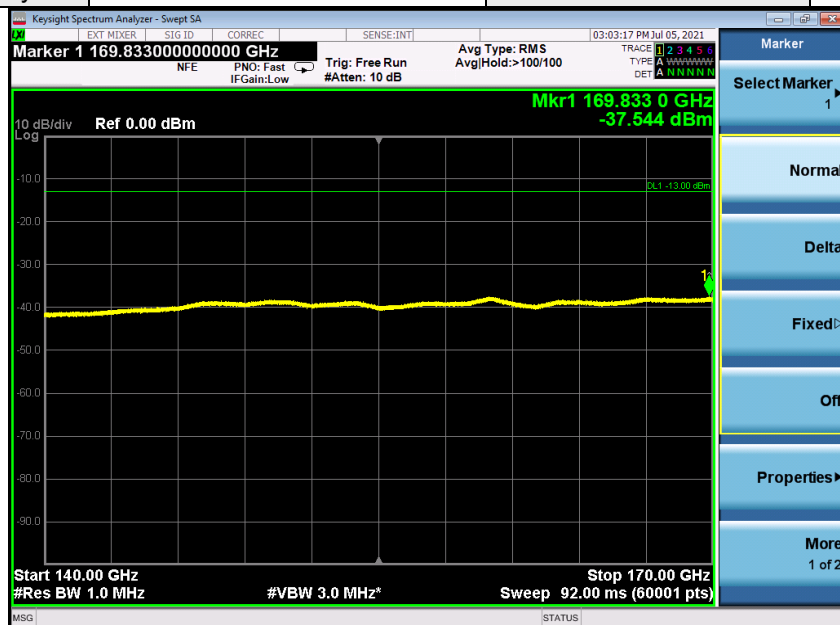


Note:

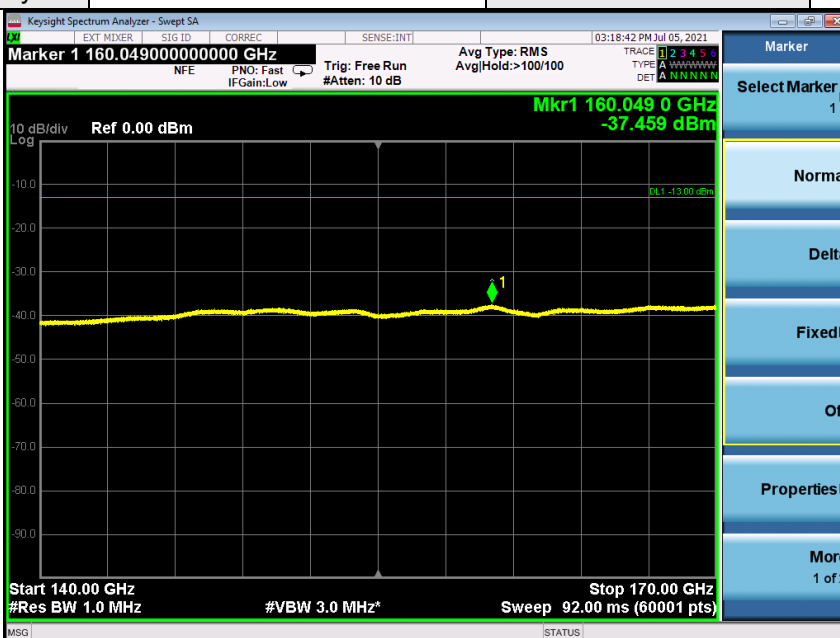
1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = \text{Raw Value}(dBm) + 107 + \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier Factor}(dB) + 20\log(D) - 104.8 + \text{Harmonic Mixer Conversion Loss}(dB)$.

140GHz ~ 170GHz:

Band	n260	Beam ID	147+19
Frequency Range	140GHz-170GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



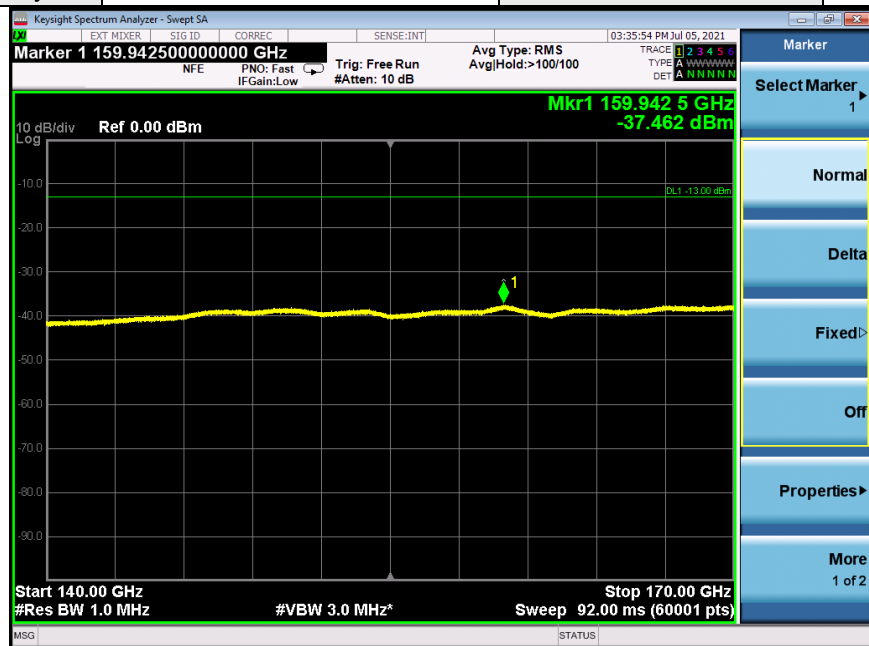
Band	n260	Beam ID	147+19
Frequency Range	140GHz-170GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



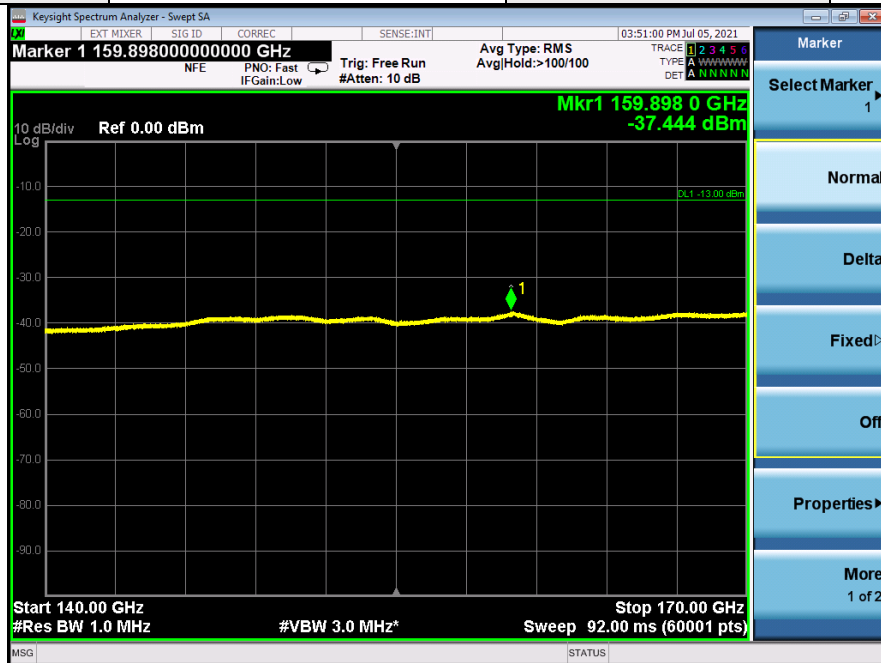
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

Band	n260	Beam ID	147+19
Frequency Range	140GHz-170GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Band	n260	Beam ID	147+19
Frequency Range	140GHz-170GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



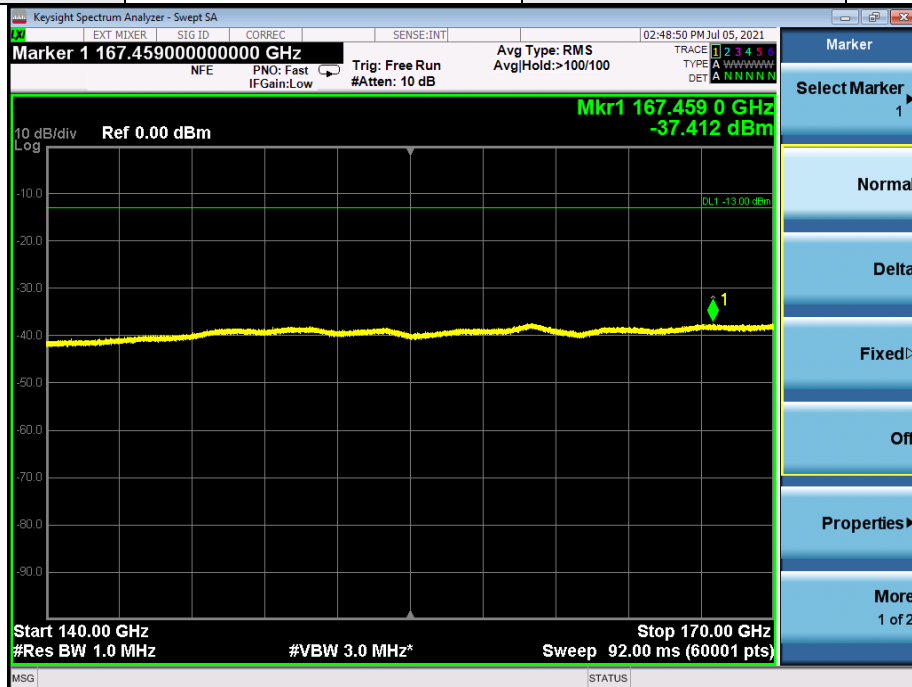
Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = \text{Raw Value}(dBm) + 107 + \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier Factor}(dB) + 20\log(D) - 104.8 + \text{Harmonic Mixer Conversion Loss}(dB)$.

Band	n260	Beam ID	147+19
Frequency Range	140GHz-170GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n260	Beam ID	147+19
Frequency Range	140GHz-170GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

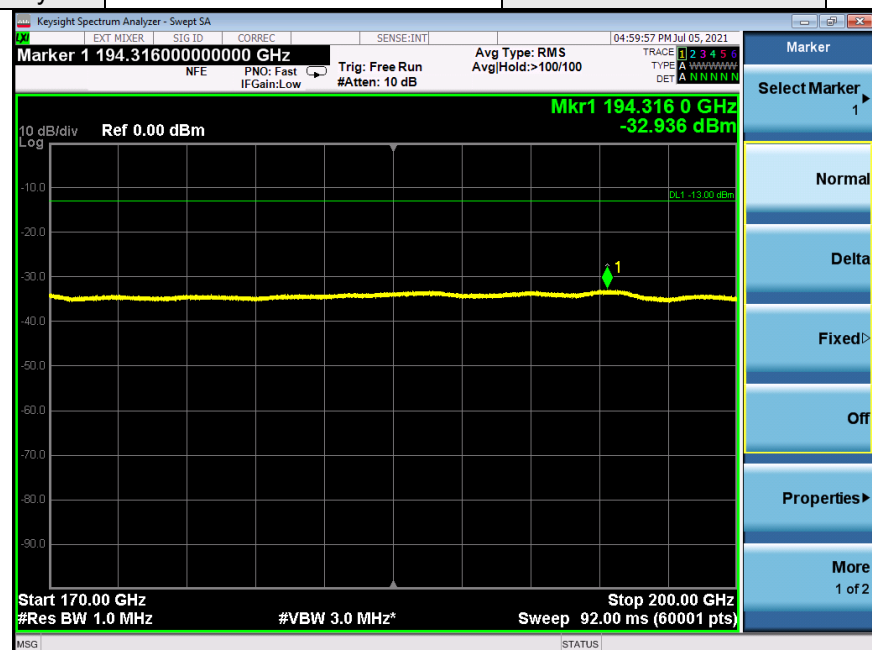
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

170GHz ~ 200GHz:

Band	n260	Beam ID	147+19
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



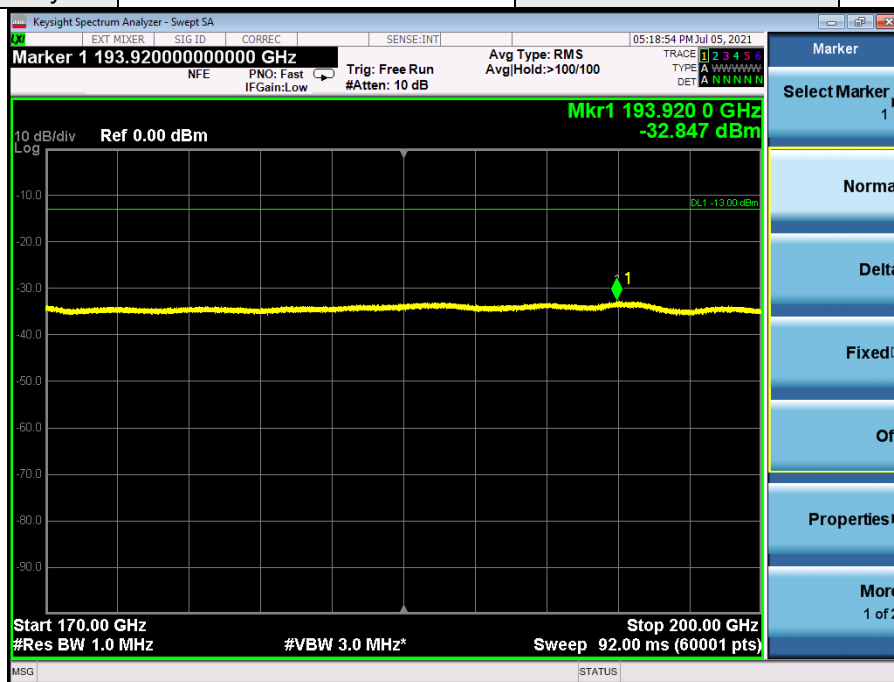
Band	n260	Beam ID	147+19
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.

Band	n260	Beam ID	147+19
Frequency Range	170GHz-200GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Band	n260	Beam ID	147+19
Frequency Range	170GHz-200GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.

Band	n260	Beam ID	147+19
Frequency Range	170GHz-200GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n260	Beam ID	147+19
Frequency Range	170GHz-200GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

Summary of MIMO Out-of-Band Spurious Emission EIRP:

To address compliance of MIMO spurious emission per KDB 662911 D01, the MIMO spurious emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

EIRP(H Beam) + EIRP(V Beam) = EIRP(MIMO)						
Test Frequency Range	Channel	EIRP (H Beam)	EIRP (V Beam)	EIRP (MIMO)	Limit (dBm)	Margin (dB)
Below 1GHz	Low	-64.50	-63.90	-61.18	-13	-48.18
	Mid	-64.50	-65.30	-61.87	-13	-48.87
	High	-64.90	-62.20	-60.33	-13	-47.33
1GHz to 18GHz	Low	-28.29	-28.80	-25.53	-13	-12.53
	Mid	-28.20	-28.46	-25.32	-13	-12.32
	High	-28.22	-28.58	-25.39	-13	-12.39
18GHz to 36.990GHz	Low	-43.62	-43.25	-40.42	-13	-27.42
	Mid	-42.85	-43.27	-40.04	-13	-27.04
	High	-43.31	-43.20	-40.24	-13	-27.24
40GHz to 50GHz	Low	-16.89	-17.43	-14.14	-13	-1.14
	Mid	-17.18	-17.56	-14.36	-13	-1.36
	High	-17.32	-17.45	-14.37	-13	-1.37
50GHz to 75GHz	Low	-41.38	-41.40	-38.38	-13	-25.38
	Mid	-41.30	-41.54	-38.41	-13	-25.41
	High	-41.29	-41.17	-38.22	-13	-25.22
75GHz to 110GHz	Low	-37.18	-37.11	-34.13	-13	-21.13
	Mid	-37.03	-37.04	-34.02	-13	-21.02
	High	-37.29	-37.17	-34.22	-13	-21.22
110GHz to 140GHz	Low	-40.98	-40.94	-37.95	-13	-24.95
	Mid	-40.97	-40.98	-37.96	-13	-24.96
	High	-40.95	-41.05	-37.99	-13	-24.99
140GHz to 170GHz	Low	-37.54	-37.45	-34.48	-13	-21.48
	Mid	-37.46	-37.44	-34.44	-13	-21.44
	High	-37.48	-37.41	-34.43	-13	-21.43
170GHz to 200GHz	Low	-32.68	-32.93	-29.79	-13	-16.79
	Mid	-32.84	-32.88	-29.85	-13	-16.85
	High	-32.94	-32.83	-29.87	-13	-16.87

n261:

Bandwidth: 100MHz

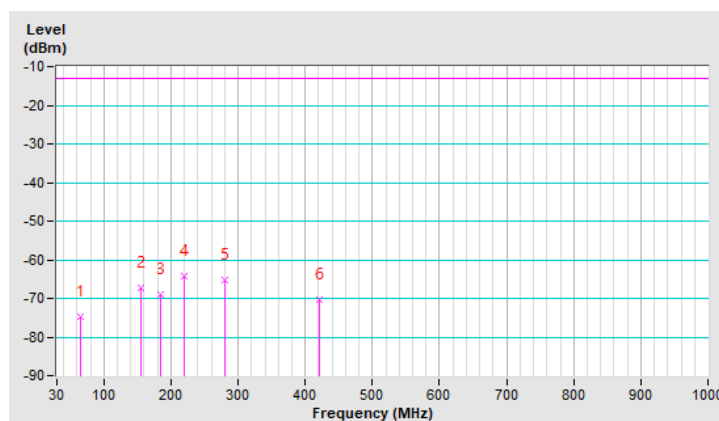
Below 1GHz Data:

Beam ID	140+12	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	65.50	-74.60	-13.00	-61.60	1.00 H	269	41.00	-115.60
2	156.10	-67.40	-13.00	-54.40	1.00 H	117	46.30	-113.70
3	184.62	-68.90	-13.00	-55.90	2.00 H	221	46.90	-115.80
4	220.12	-64.20	-13.00	-51.20	1.00 H	89	52.80	-117.00
5	281.04	-65.40	-13.00	-52.40	1.00 H	177	48.20	-113.60
6	422.07	-70.30	-13.00	-57.30	1.50 H	246	39.80	-110.10

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

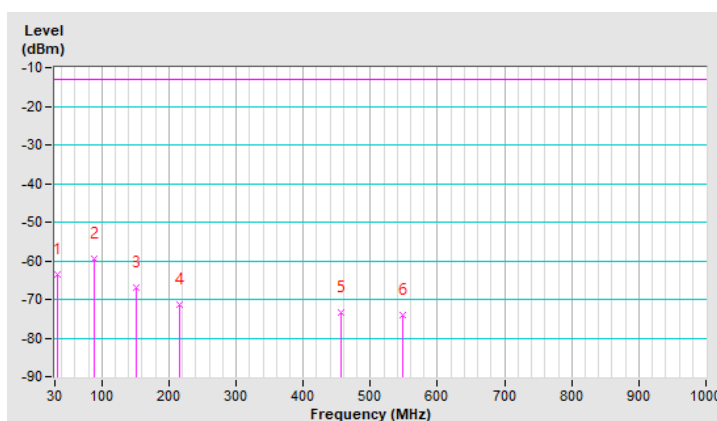


Beam ID	140+12	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.66	-63.70	-13.00	-50.70	1.50 V	104	51.30	-115.00
2	89.36	-59.60	-13.00	-46.60	1.00 V	256	59.70	-119.30
3	150.28	-67.00	-13.00	-54.00	1.00 V	347	46.60	-113.60
4	214.88	-71.20	-13.00	-58.20	2.00 V	222	45.80	-117.00
5	456.02	-73.30	-13.00	-60.30	1.50 V	329	35.70	-109.00
6	548.17	-73.90	-13.00	-60.90	1.00 V	82	33.70	-107.60

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

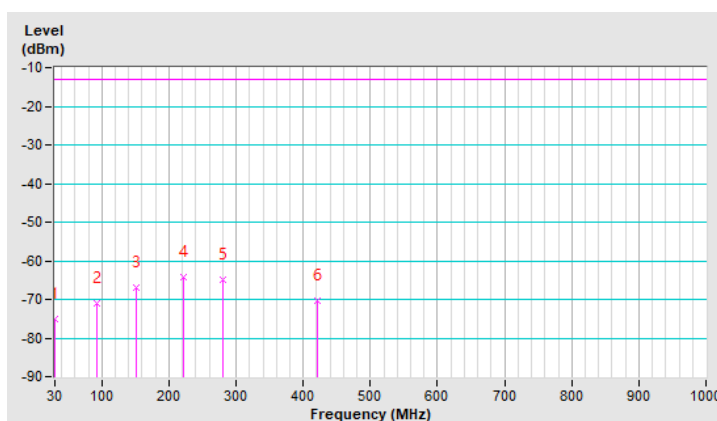


Beam ID	140+12	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-75.10	-13.00	-62.10	1.00 H	133	40.10	-115.20
2	92.08	-70.90	-13.00	-57.90	1.50 H	292	48.20	-119.10
3	152.22	-66.90	-13.00	-53.90	1.00 H	314	46.80	-113.70
4	222.25	-64.40	-13.00	-51.40	2.00 H	27	52.60	-117.00
5	279.87	-65.00	-13.00	-52.00	1.00 H	88	48.60	-113.60
6	421.88	-70.20	-13.00	-57.20	1.00 H	246	39.90	-110.10

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

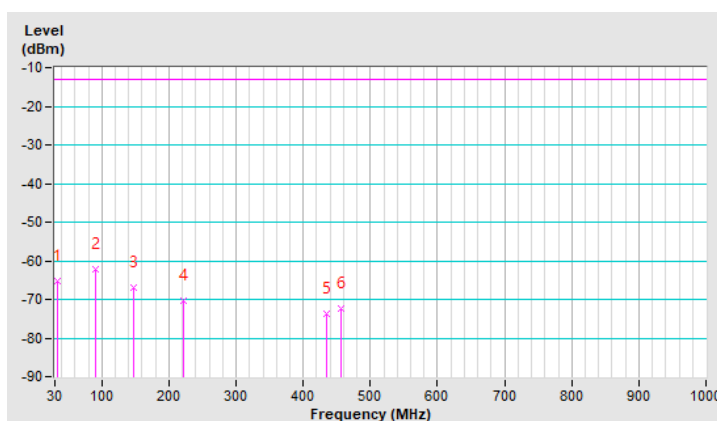


Beam ID	140+12	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.66	-65.20	-13.00	-52.20	1.50 V	156	49.80	-115.00
2	89.75	-62.20	-13.00	-49.20	1.00 V	224	57.10	-119.30
3	147.95	-67.10	-13.00	-54.10	1.00 V	199	46.70	-113.80
4	221.09	-70.20	-13.00	-57.20	1.50 V	167	46.80	-117.00
5	434.88	-73.70	-13.00	-60.70	1.00 V	312	35.80	-109.50
6	456.02	-72.50	-13.00	-59.50	1.50 V	129	36.50	-109.00

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

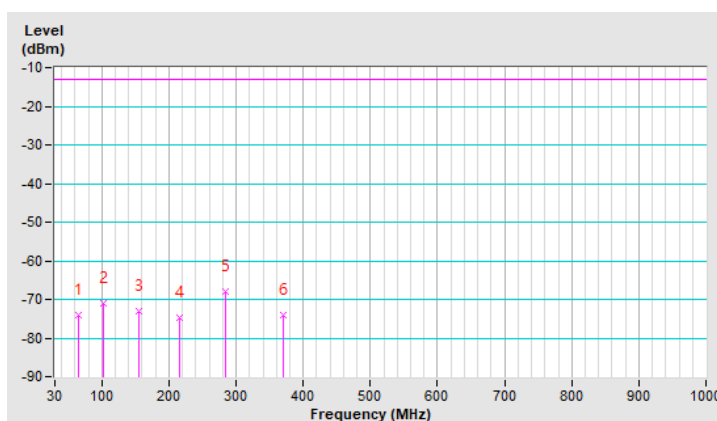


Beam ID	140+12	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	65.89	-74.10	-13.00	-61.10	1.00 H	159	41.50	-115.60
2	102.75	-70.90	-13.00	-57.90	1.50 H	226	46.80	-117.70
3	154.94	-73.00	-13.00	-60.00	1.00 H	355	40.60	-113.60
4	216.05	-74.70	-13.00	-61.70	1.00 H	311	42.30	-117.00
5	283.36	-67.80	-13.00	-54.80	1.50 H	184	45.70	-113.50
6	370.86	-73.90	-13.00	-60.90	1.00 H	68	37.40	-111.30

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

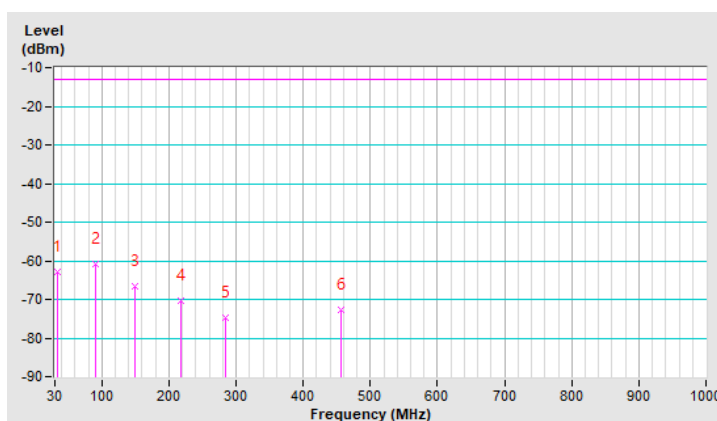


Beam ID	140+12	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-62.90	-13.00	-49.90	1.00 V	261	52.20	-115.10
2	90.14	-60.80	-13.00	-47.80	1.50 V	196	58.50	-119.30
3	148.53	-66.60	-13.00	-53.60	1.00 V	46	47.10	-113.70
4	218.57	-70.50	-13.00	-57.50	1.50 V	32	46.50	-117.00
5	283.36	-74.70	-13.00	-61.70	1.00 V	246	38.80	-113.50
6	456.02	-72.80	-13.00	-59.80	1.00 V	139	36.20	-109.00

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



Above 1GHz Data:

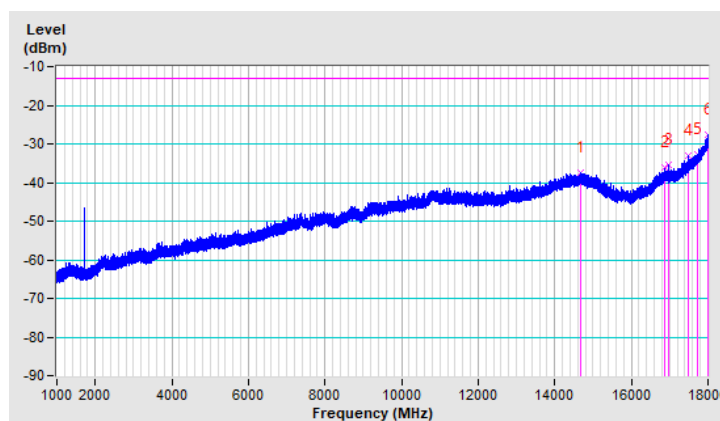
1GHz ~ 18GHz:

Beam ID	140+12	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14668.42	-37.41	-13.00	-24.41	1.50 H	160	46.88	-84.29
2	16861.85	-36.27	-13.00	-23.27	1.00 H	192	49.41	-85.68
3	16954.92	-35.34	-13.00	-22.34	1.50 H	267	50.10	-85.44
4	17493.83	-32.99	-13.00	-19.99	1.50 H	92	50.07	-83.06
5	17721.62	-32.59	-13.00	-19.59	1.00 H	339	49.01	-81.60
6	17986.40	-27.72	-13.00	-14.72	2.00 H	350	49.80	-77.52

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. $Margin\ value = EIRP - Limit\ value$
3. The other EIRP levels were very low against the limit.

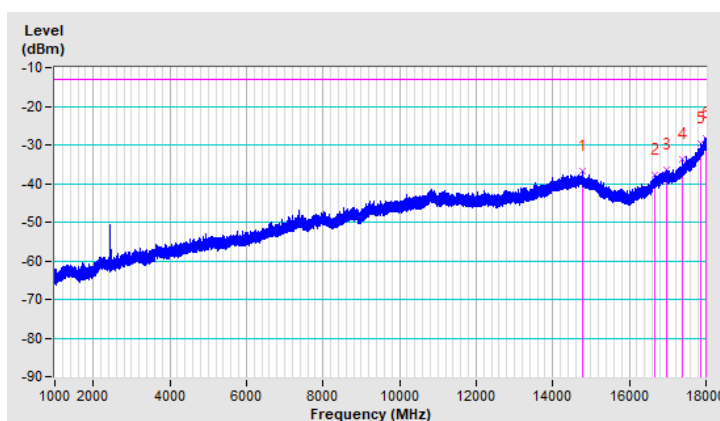


Beam ID	140+12	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14795.08	-36.90	-13.00	-23.90	1.50 V	168	47.94	-84.84
2	16646.80	-37.63	-13.00	-24.63	1.00 V	344	48.67	-86.30
3	16967.25	-36.48	-13.00	-23.48	1.00 V	79	48.94	-85.42
4	17398.62	-33.68	-13.00	-20.68	1.00 V	183	50.35	-84.03
5	17850.83	-29.78	-13.00	-16.78	1.50 V	249	50.15	-79.93
6	17998.30	-28.25	-13.00	-15.25	2.00 V	24	49.05	-77.30

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

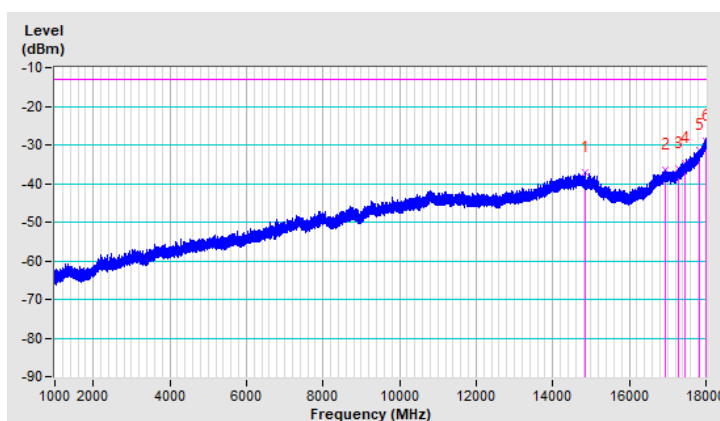


Beam ID	140+12	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14831.62	-37.25	-13.00	-24.25	1.00 H	14	47.78	-85.03
2	16922.20	-36.56	-13.00	-23.56	1.50 H	162	48.90	-85.46
3	17269.42	-35.95	-13.00	-22.95	1.50 H	198	49.00	-84.95
4	17437.72	-34.65	-13.00	-21.65	2.00 H	221	48.99	-83.64
5	17835.53	-31.23	-13.00	-18.23	1.00 H	153	48.94	-80.17
6	17987.25	-28.93	-13.00	-15.93	2.00 H	297	48.57	-77.50

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

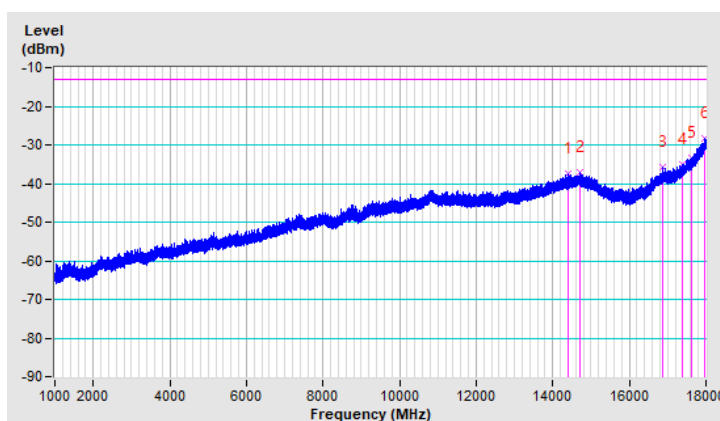


Beam ID	140+12	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14399.83	-37.44	-13.00	-24.44	1.00 V	59	47.40	-84.84
2	14724.95	-37.09	-13.00	-24.09	1.00 V	167	47.27	-84.36
3	16862.70	-35.70	-13.00	-22.70	1.50 V	209	49.97	-85.67
4	17383.75	-35.15	-13.00	-22.15	1.00 V	147	48.97	-84.12
5	17630.67	-33.47	-13.00	-20.47	2.00 V	358	49.17	-82.64
6	17971.95	-28.27	-13.00	-15.27	1.00 V	99	49.52	-77.79

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

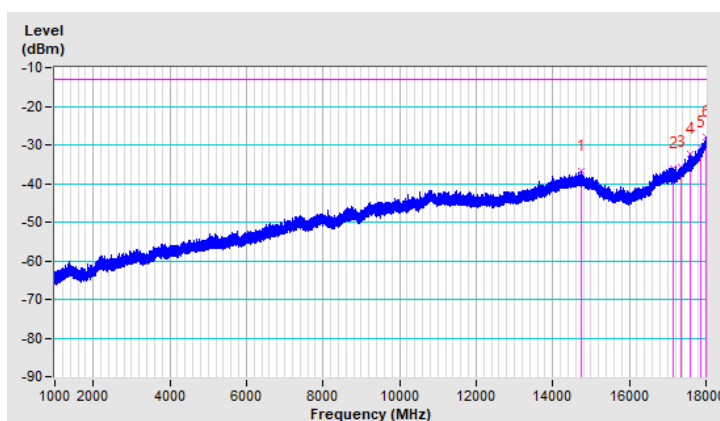


Beam ID	140+12	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14731.33	-36.71	-13.00	-23.71	1.00 H	155	47.69	-84.40
2	17136.83	-36.04	-13.00	-23.04	1.00 H	260	49.34	-85.38
3	17355.28	-35.63	-13.00	-22.63	1.50 H	292	48.67	-84.30
4	17586.90	-32.40	-13.00	-19.40	1.50 H	69	50.61	-83.01
5	17851.25	-30.72	-13.00	-17.72	1.00 H	43	49.20	-79.92
6	17983.42	-28.10	-13.00	-15.10	2.00 H	307	49.48	-77.58

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

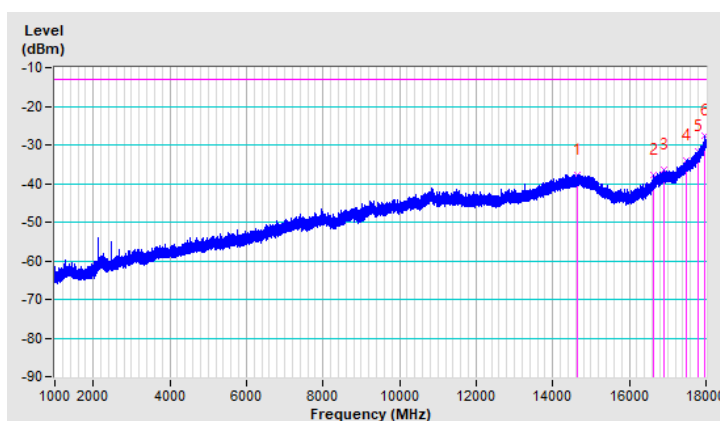


Beam ID	140+12	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	14635.70	-37.71	-13.00	-24.71	1.00 V	150	46.70	-84.41
2	16632.35	-37.85	-13.00	-24.85	1.00 V	228	48.54	-86.39
3	16895.42	-36.33	-13.00	-23.33	1.50 V	206	49.16	-85.49
4	17502.75	-34.05	-13.00	-21.05	1.50 V	78	48.95	-83.00
5	17793.87	-31.56	-13.00	-18.56	1.00 V	183	49.28	-80.84
6	17956.22	-27.76	-13.00	-14.76	2.00 V	52	50.32	-78.08

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



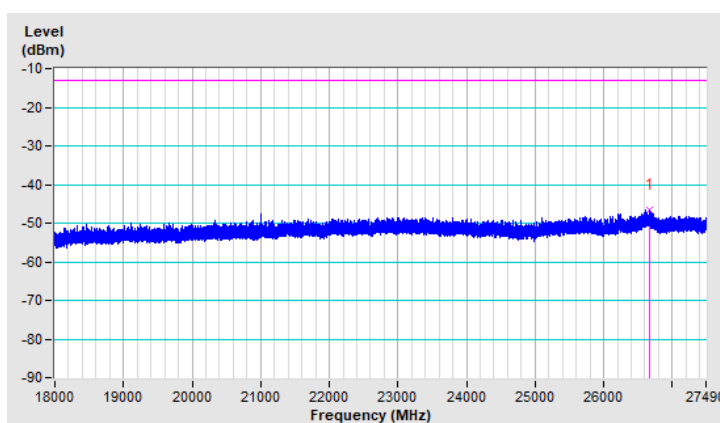
18GHz ~ 27.490GHz:

Beam ID	140+12	Frequency Range	18GHz ~ 27.490GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26661.29	-46.71	-13.00	-33.71	1.56 H	169	53.52	-100.23

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

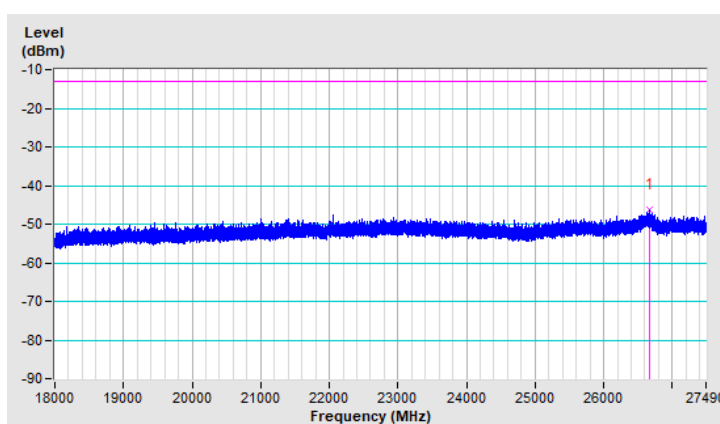


Beam ID	140+12	Frequency Range	18GHz ~ 27.490GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26659.86	-46.38	-13.00	-33.38	1.56 V	189	53.86	-100.24

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

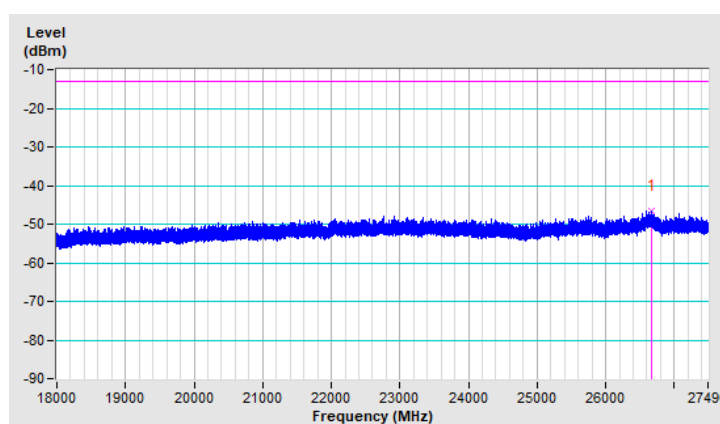


Beam ID	140+12	Frequency Range	18GHz ~ 27.490GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26660.10	-46.69	-13.00	-33.69	1.73 H	139	53.55	-100.24

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

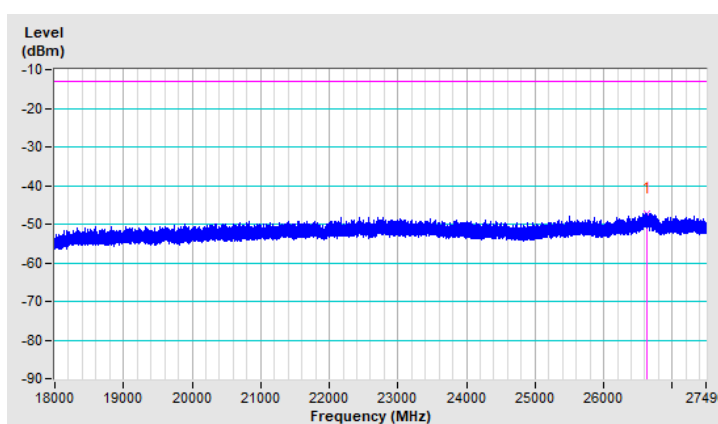


Beam ID	140+12	Frequency Range	18GHz ~ 27.490GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26637.80	-47.16	-13.00	-34.16	1.75 V	192	53.13	-100.29

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

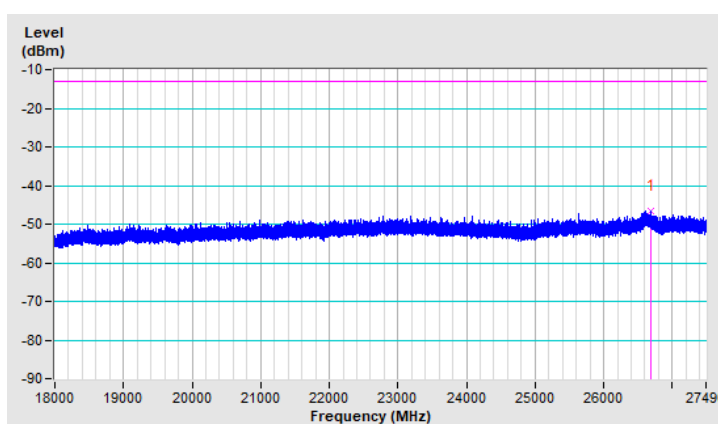


Beam ID	140+12	Frequency Range	18GHz ~ 27.490GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26689.99	-46.65	-13.00	-33.65	1.68 H	166	53.52	-100.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

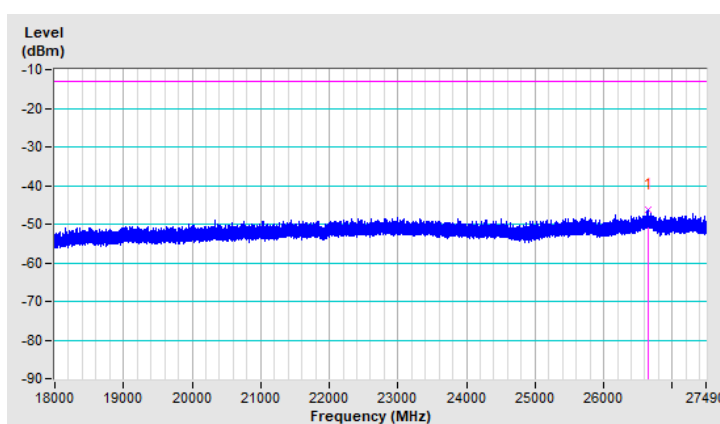


Beam ID	140+12	Frequency Range	18GHz ~ 27.490GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26652.03	-46.21	-13.00	-33.21	1.77 V	166	54.04	-100.25

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



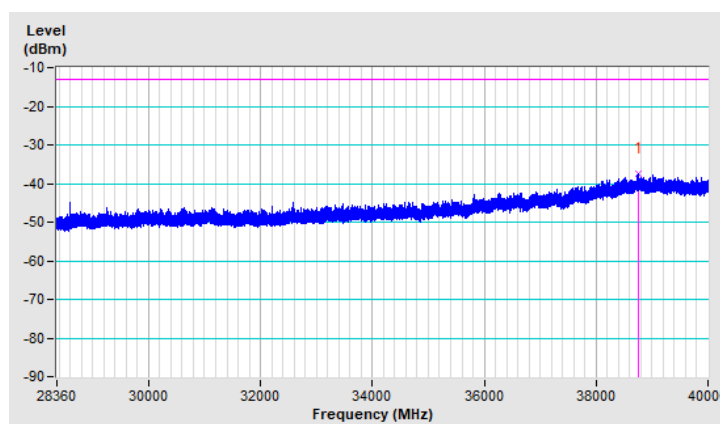
28.360GHz ~ 40GHz:

Beam ID	140+12	Frequency Range	28.360GHz ~ 40GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38761.50	-37.51	-13.00	-24.51	1.88 H	221	53.27	-90.78

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

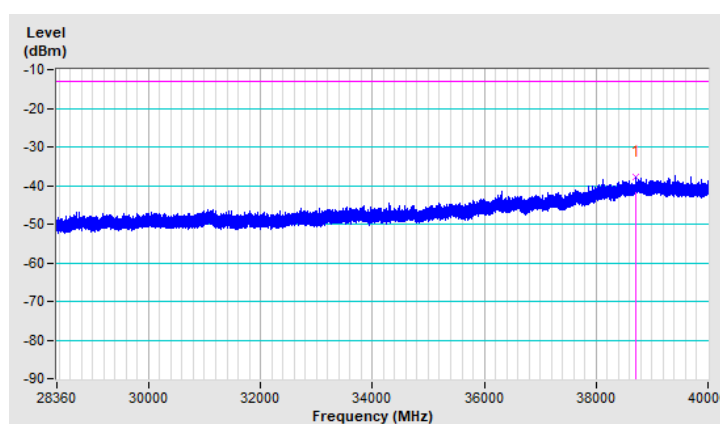


Beam ID	140+12	Frequency Range	28.360GHz ~ 40GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38706.50	-37.89	-13.00	-24.89	1.66 V	221	52.86	-90.75

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

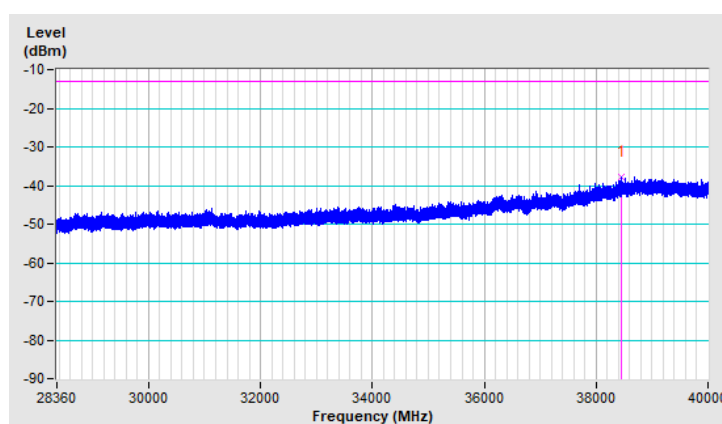


Beam ID	140+12	Frequency Range	28.360GHz ~ 40GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38459.45	-37.79	-13.00	-24.79	1.74 H	183	53.42	-91.21

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

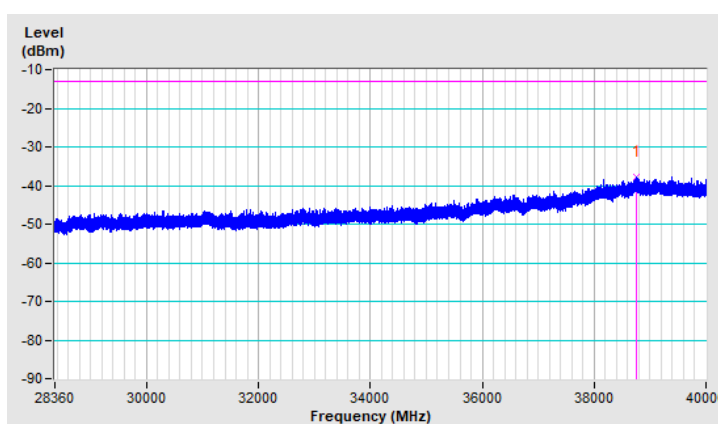


Beam ID	140+12	Frequency Range	28.360GHz ~ 40GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38757.43	-37.67	-13.00	-24.67	1.59 V	198	53.11	-90.78

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

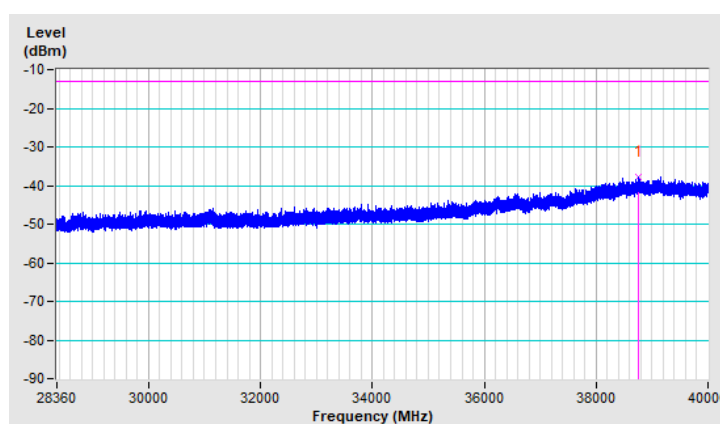


Beam ID	140+12	Frequency Range	28.360GHz ~ 40GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38751.61	-37.64	-13.00	-24.64	1.57 H	226	53.13	-90.77

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

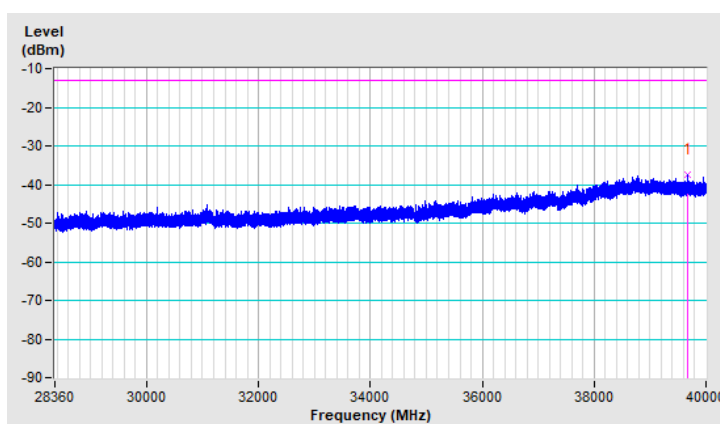


Beam ID	140+12	Frequency Range	28.360GHz ~ 40GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39664.77	-37.42	-13.00	-24.42	1.65 V	183	53.61	-91.03

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



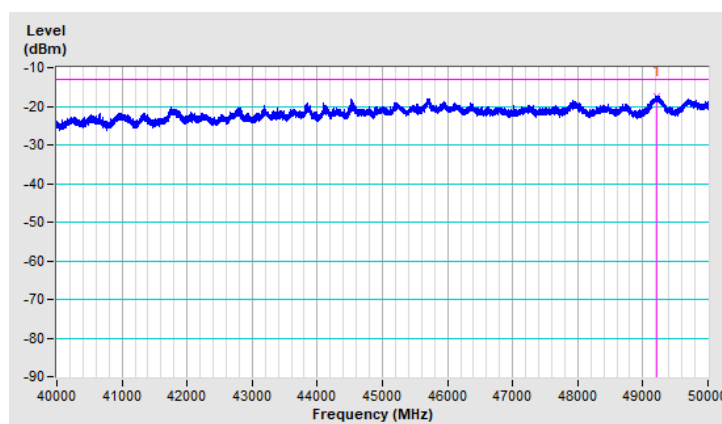
40GHz ~ 50GHz:

Beam ID	140+12	Frequency Range	40GHz ~ 50GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49221.50	-17.30	-13.00	-4.30	1.50 H	279	26.60	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

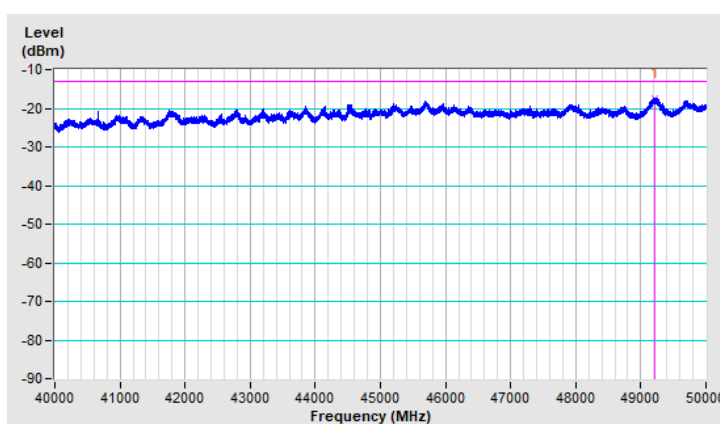


Beam ID	140+12	Frequency Range	40GHz ~ 50GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49211.50	-17.35	-13.00	-4.35	1.59 V	244	26.55	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

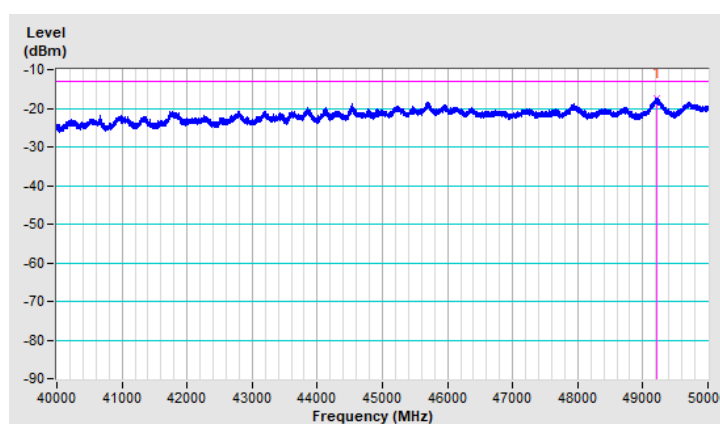


Beam ID	140+12	Frequency Range	40GHz ~ 50GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49214.50	-17.52	-13.00	-4.52	1.86 H	77	26.38	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

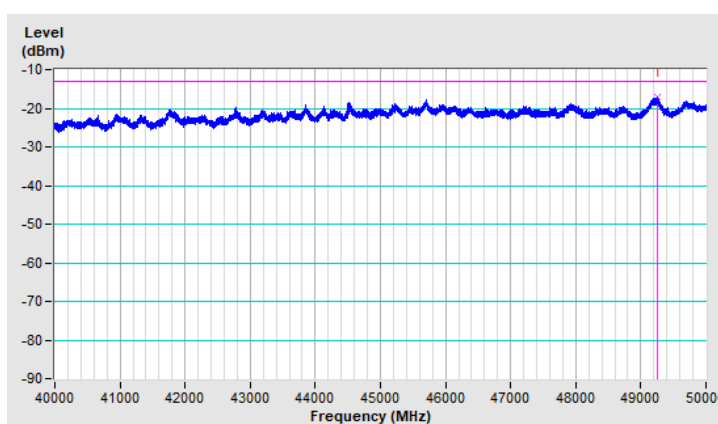


Beam ID	140+12	Frequency Range	40GHz ~ 50GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49244.50	-17.17	-13.00	-4.17	1.53 V	166	26.73	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

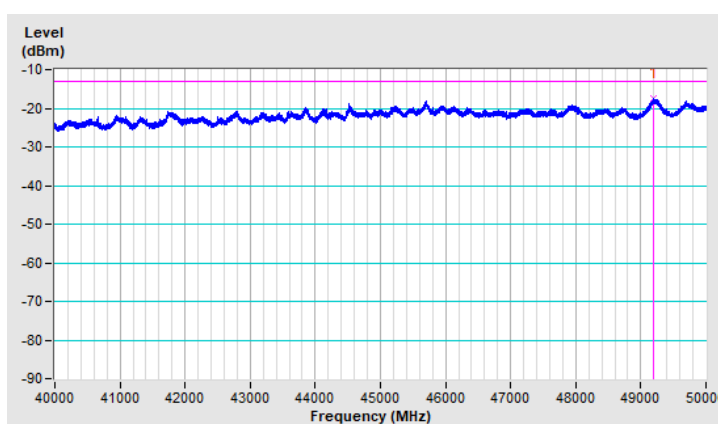


Beam ID	140+12	Frequency Range	40GHz ~ 50GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49197.50	-17.50	-13.00	-4.50	1.57 H	238	26.40	-43.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

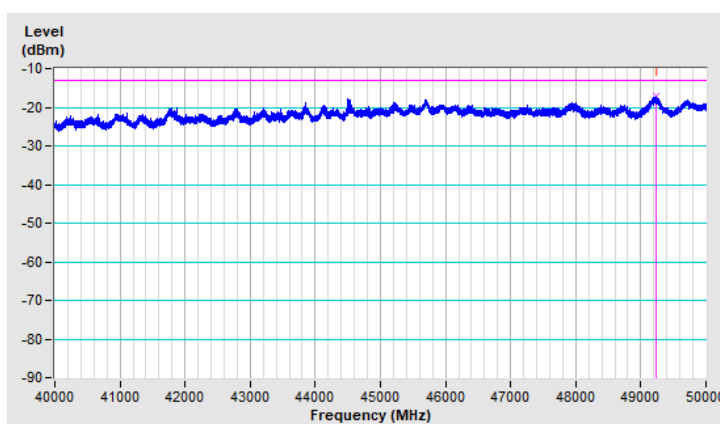


Beam ID	140+12	Frequency Range	40GHz ~ 50GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49240.00	-17.22	-13.00	-4.22	1.52 V	204	26.68	-43.90

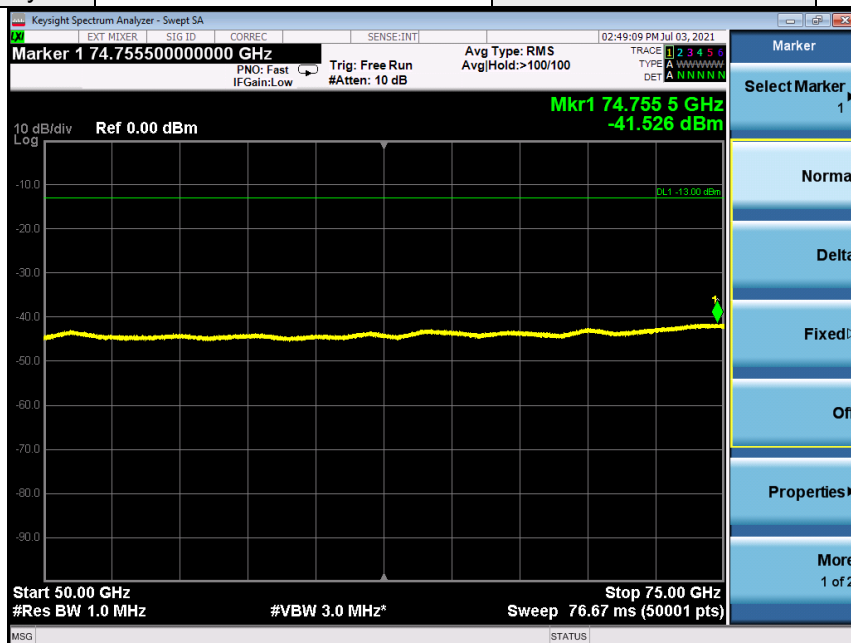
Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

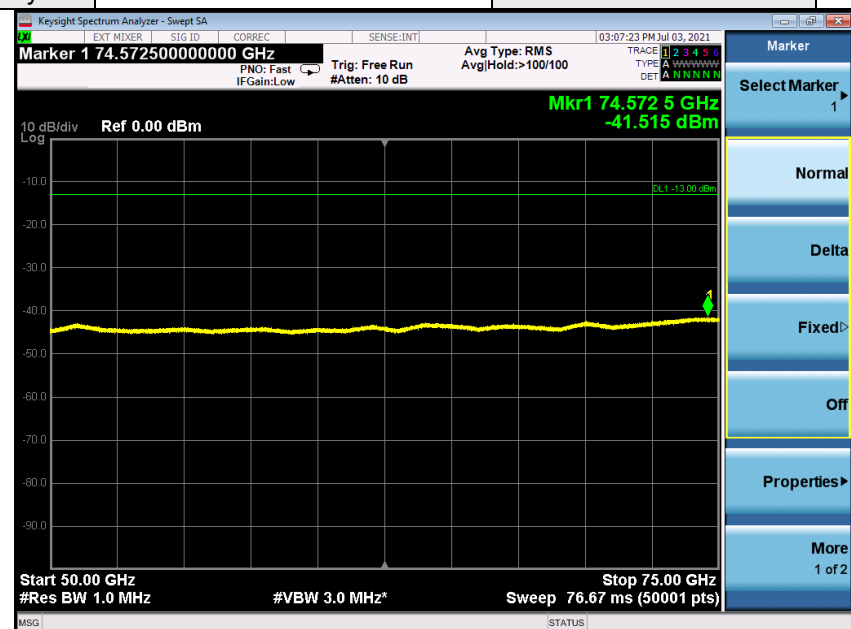


50GHz ~ 75GHz:

Band	n261	Beam ID	140+12
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



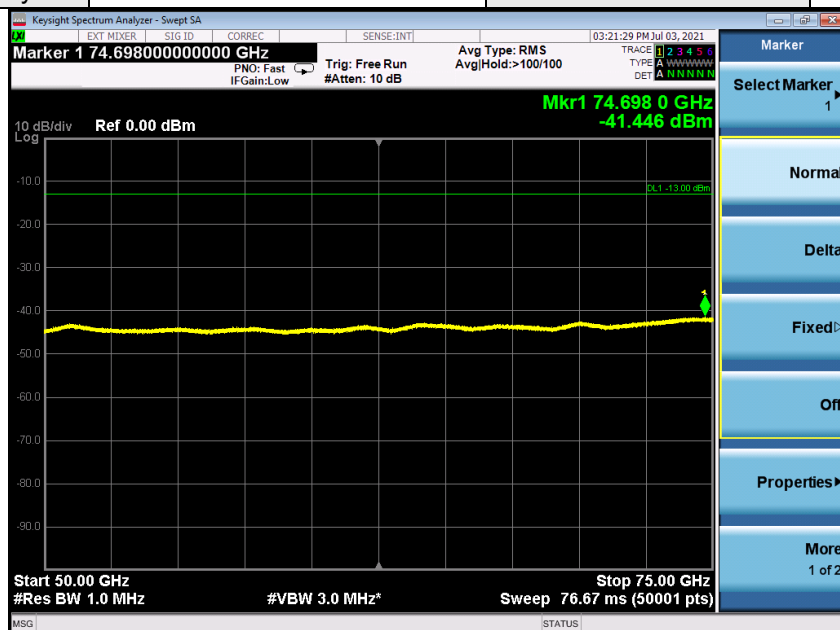
Band	n261	Beam ID	140+12
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



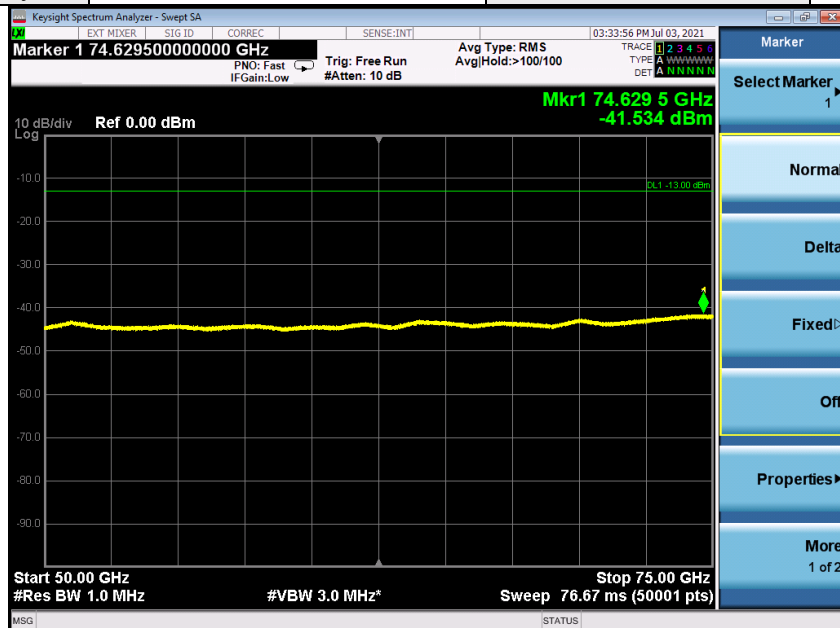
Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.

Band	n261	Beam ID	140+12
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



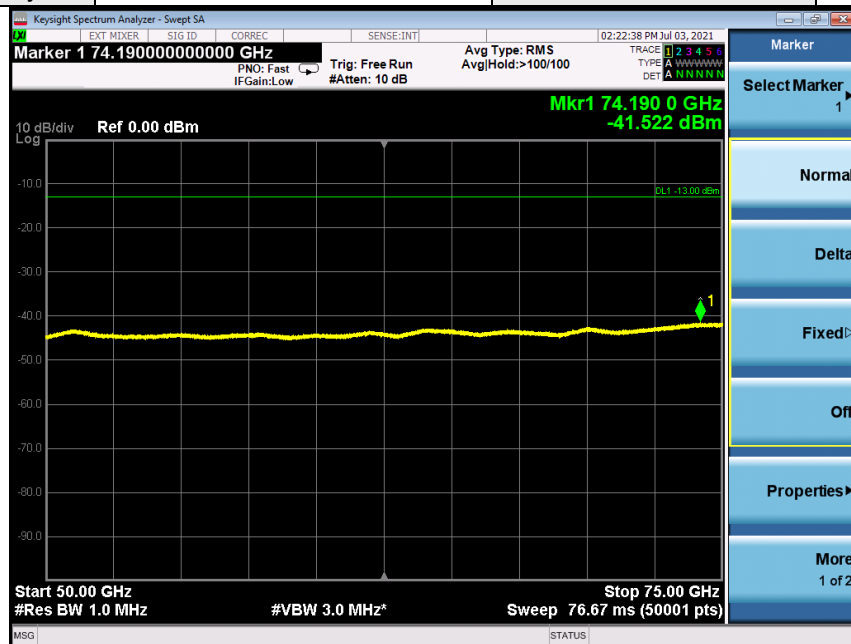
Band	n261	Beam ID	140+12
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



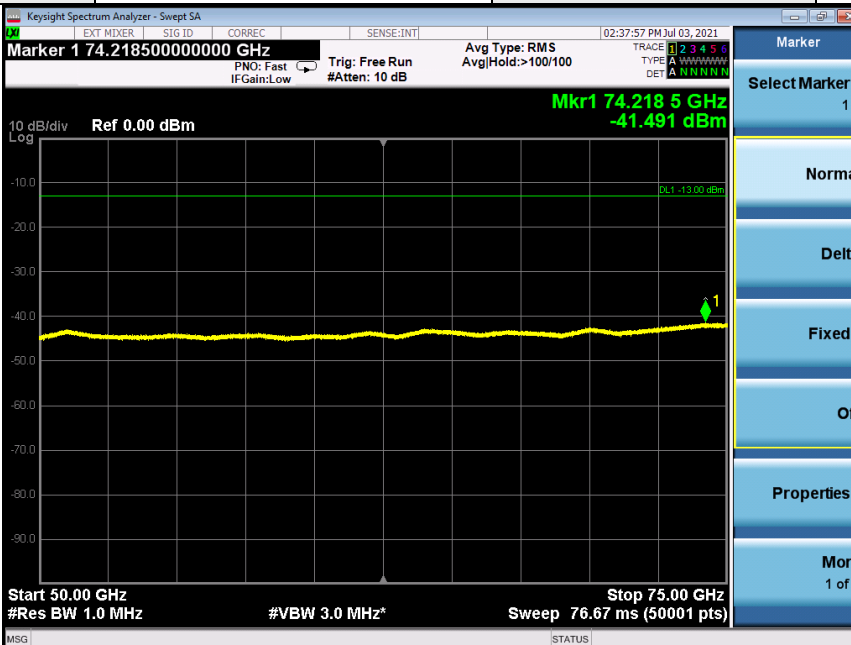
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

Band	n261	Beam ID	140+12
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	140+12
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m

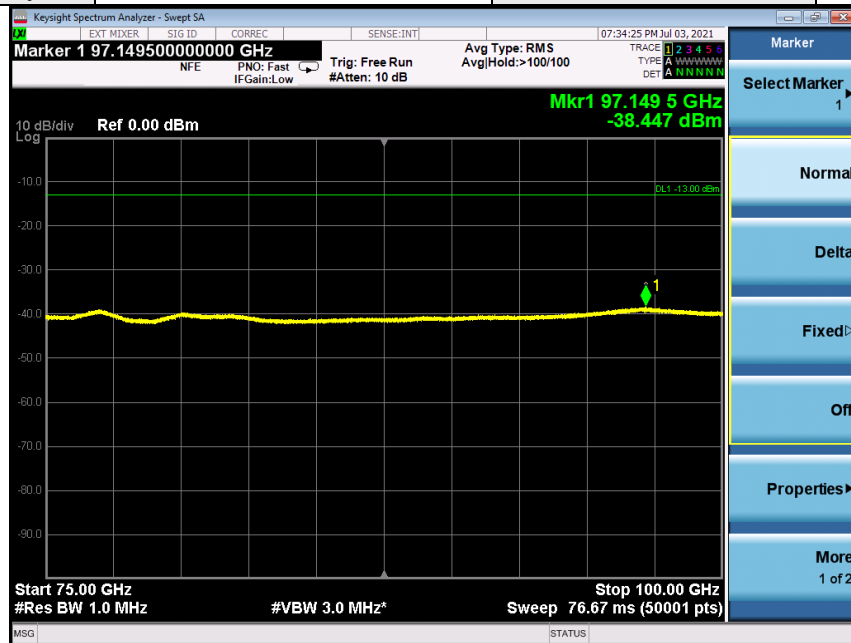


Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.

75GHz ~ 100GHz:

Band	n261	Beam ID	140+12
Frequency Range	75GHz-100GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



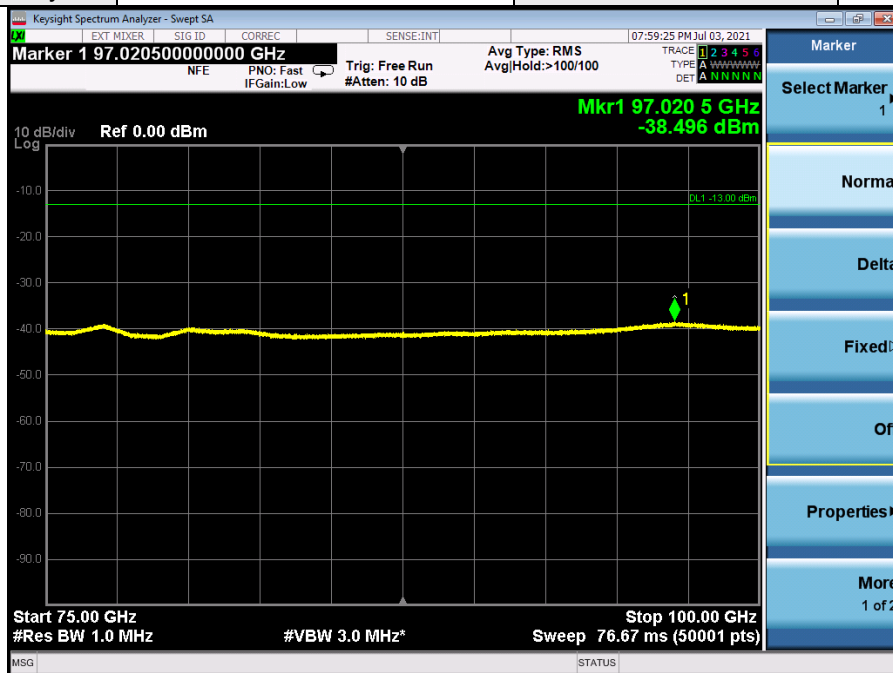
Band	n261	Beam ID	140+12
Frequency Range	75GHz-100GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



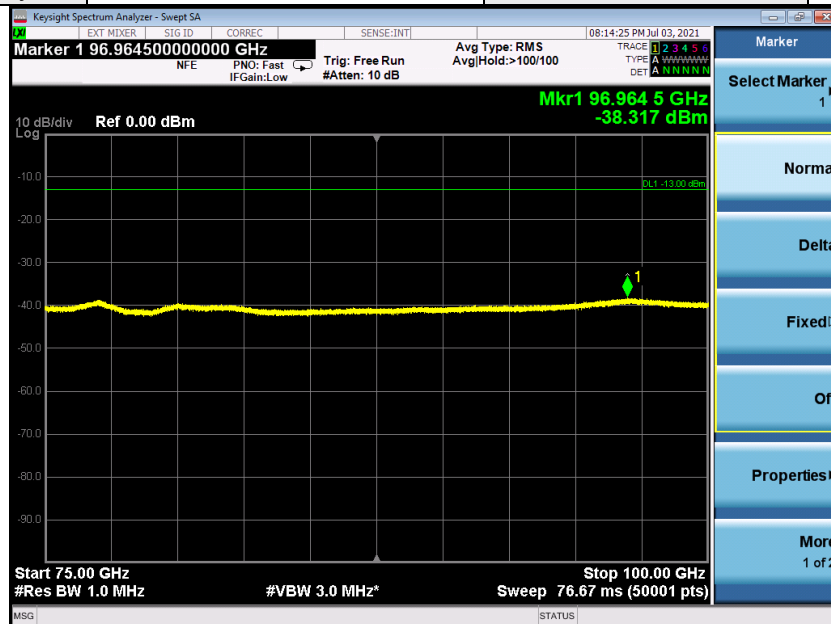
Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.

Band	n261	Beam ID	140+12
Frequency Range	75GHz-100GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



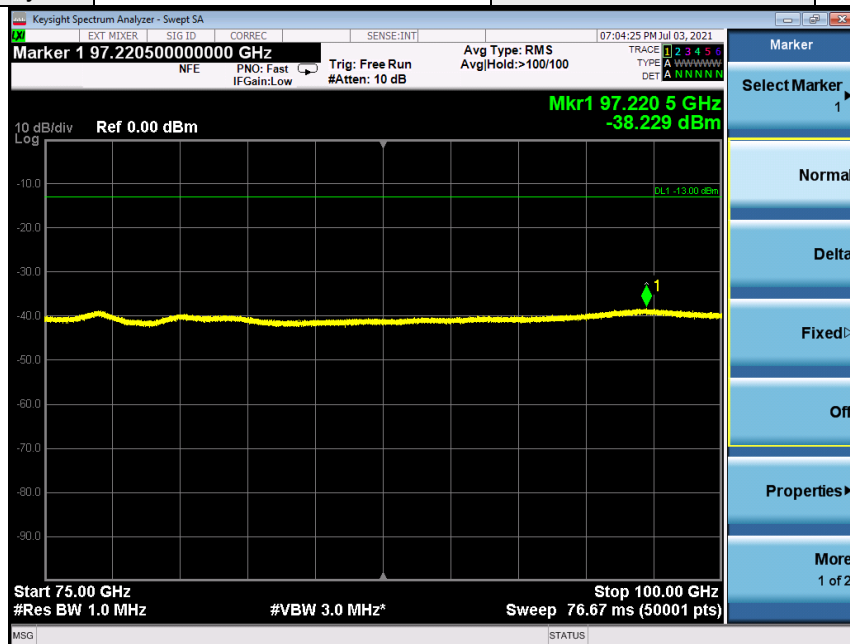
Band	n261	Beam ID	140+12
Frequency Range	75GHz-100GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



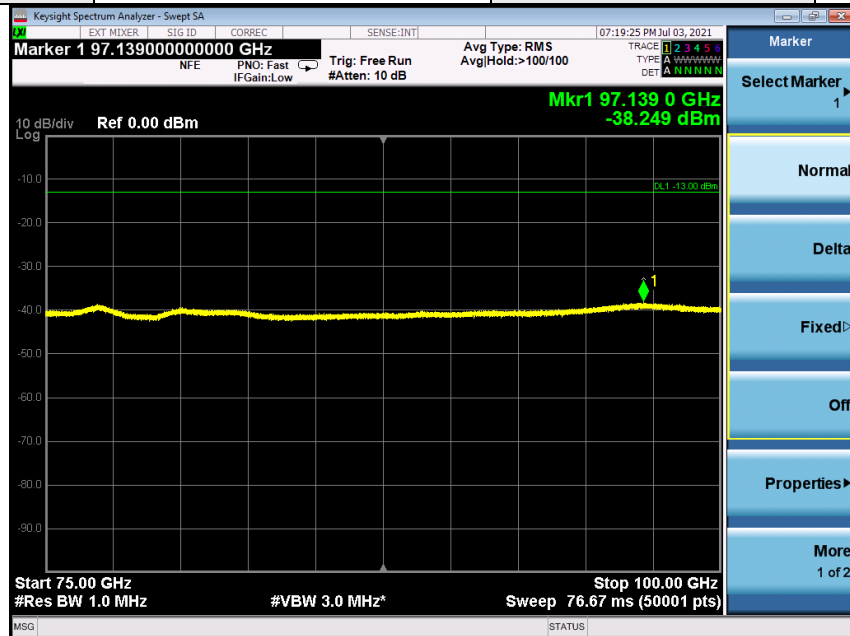
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBm) +107+ Antenna Factor(dB/m) +Cable Factor(dB) – Pre-Amplifier Factor(dB)+ 20log(D) – 104.8+Harmonic Mixer Conversion Loss (dB).

Band	n261	Beam ID	140+12
Frequency Range	75GHz-100GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	140+12
Frequency Range	75GHz-100GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.

Summary of MIMO Out-of-Band Spurious Emission EIRP:

To address compliance of MIMO spurious emission per KDB 662911 D01, the MIMO spurious emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

EIRP(H Beam) + EIRP(V Beam) = EIRP(MIMO)						
Test Frequency Range	Channel	EIRP (H Beam)	EIRP (V Beam)	EIRP (MIMO)	Limit (dBm)	Margin (dB)
Below 1GHz	Low	-64.20	-59.60	-58.31	-13	-45.31
	Mid	-64.40	-62.20	-60.15	-13	-47.15
	High	-67.80	-60.80	-60.01	-13	-47.01
1GHz to 18GHz	Low	-27.72	-28.25	-24.97	-13	-11.97
	Mid	-28.93	-28.27	-25.58	-13	-12.58
	High	-28.10	-27.76	-24.92	-13	-11.92
18GHz to 27.490GHz	Low	-46.71	-46.38	-43.53	-13	-30.53
	Mid	-46.69	-47.16	-43.91	-13	-30.91
	High	-46.65	-46.21	-43.41	-13	-30.41
28.360GHz to 40GHz	Low	-37.51	-37.89	-34.69	-13	-21.69
	Mid	-37.79	-37.67	-34.72	-13	-21.72
	High	-37.64	-37.42	-34.52	-13	-21.52
40GHz to 50GHz	Low	-17.30	-17.35	-14.31	-13	-1.31
	Mid	-17.52	-17.17	-14.33	-13	-1.33
	High	-17.50	-17.22	-14.35	-13	-1.35
50GHz to 75GHz	Low	-41.52	-41.51	-38.50	-13	-25.50
	Mid	-41.44	-41.53	-38.47	-13	-25.47
	High	-41.52	-41.49	-38.49	-13	-25.49
75GHz to 100GHz	Low	-38.44	-38.54	-35.48	-13	-22.48
	Mid	-38.49	-38.31	-35.39	-13	-22.39
	High	-38.22	-38.24	-35.22	-13	-22.22

4.4 Out-of-Band Emission at the Band Edge Measurement

4.4.1 Limits of Out-of Band Emission at the Band Edge Measurement

The conducted 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 conducted power or the total radiated power of any emission shall be -5 dBm/MHz or lower.

4.4.2 Test Instruments

Refer to section 4.2.3.

4.4.3 Test Procedures

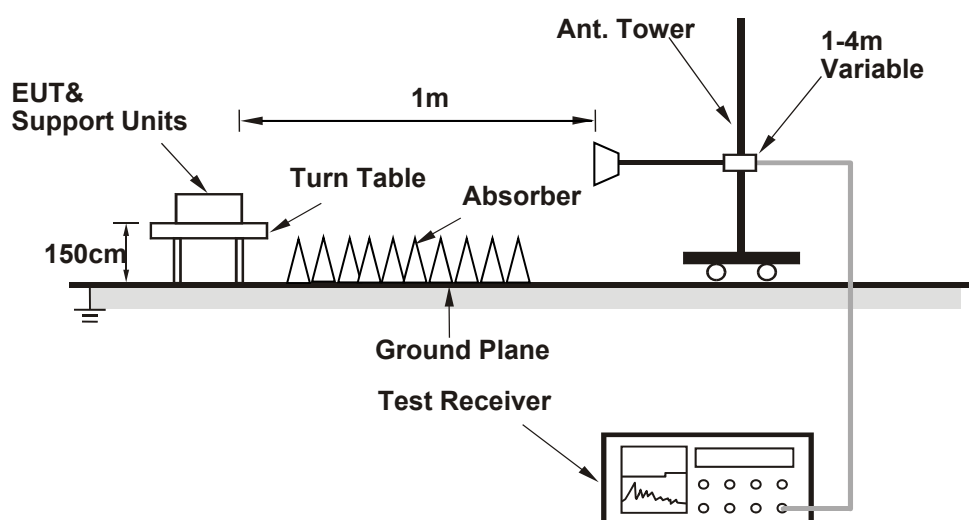
Refer to ANSI C63.26-2015 Section 5 and ANSI C63.26-2015 Section 6.4
 KDB 842590 D01 v01r02 Section 4.4.2.5.

Note: Substitution method is used for E.I.R.P measurement.

4.4.4 Deviation from Test Standard

No deviation.

4.4.5 Test Set Up



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

4.4.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest channel frequencies individually.

4.4.7 Test Result

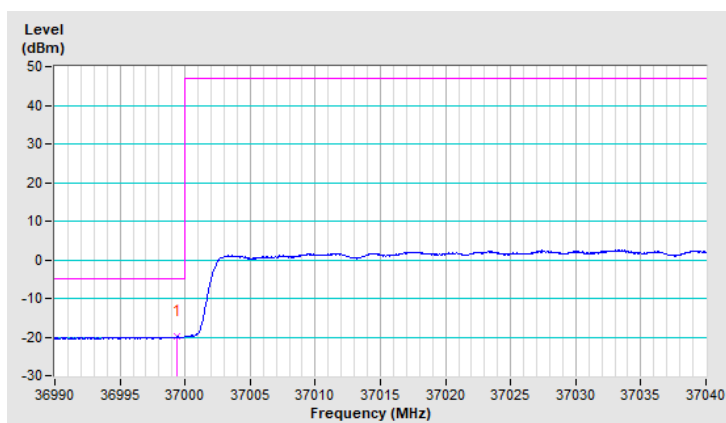
n260:

Component Carriers	1CC	Beam ID	150
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.40	-19.99	-5.00	-14.99	1.51 V	182	25.60	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBm) + 107 + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

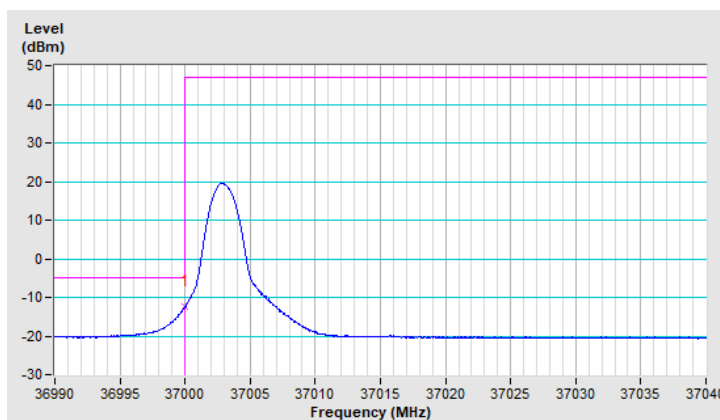


Component Carriers	1CC	Beam ID	150
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.95	-12.37	-5.00	-7.37	1.49 V	187	33.22	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

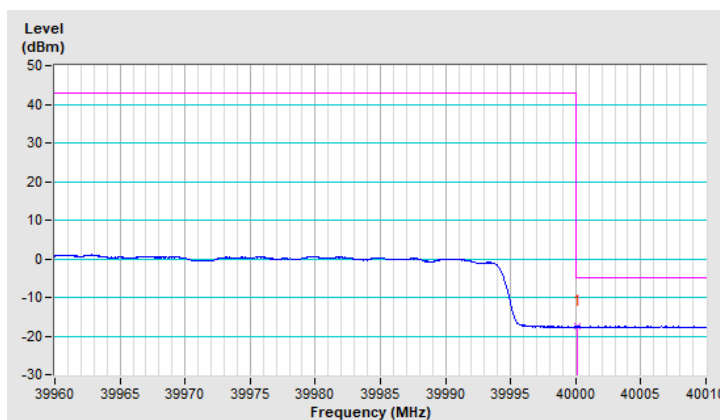


Component Carriers	1CC	Beam ID	150
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40000.10	-17.56	-5.00	-12.56	1.70 V	176	25.05	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

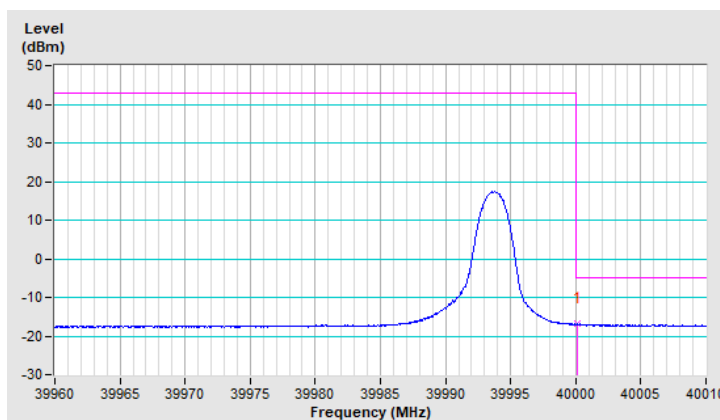


Component Carriers	1CC	Beam ID	150
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40000.15	-16.91	-5.00	-11.91	1.64 V	174	25.70	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. $Margin\ value = EIRP - Limit\ value$
3. The other EIRP levels were very low against the limit.

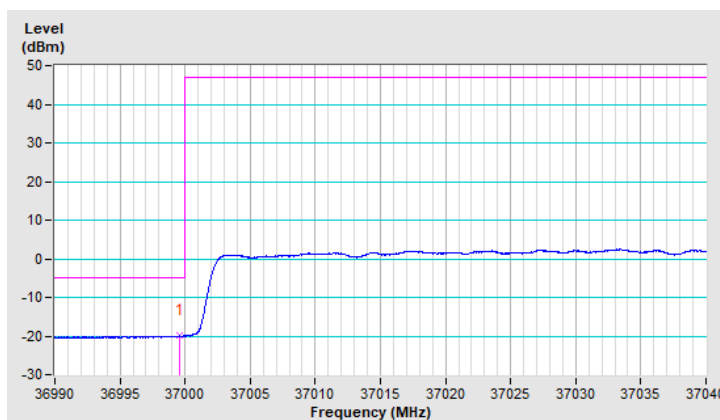


Component Carriers	1CC	Beam ID	19
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.60	-19.97	-5.00	-14.97	1.47 V	180	25.62	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

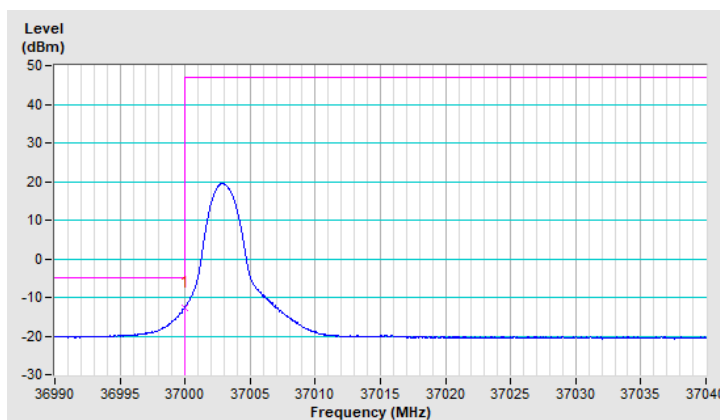


Component Carriers	1CC	Beam ID	19
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.95	-12.63	-5.00	-7.63	1.58 V	175	32.96	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

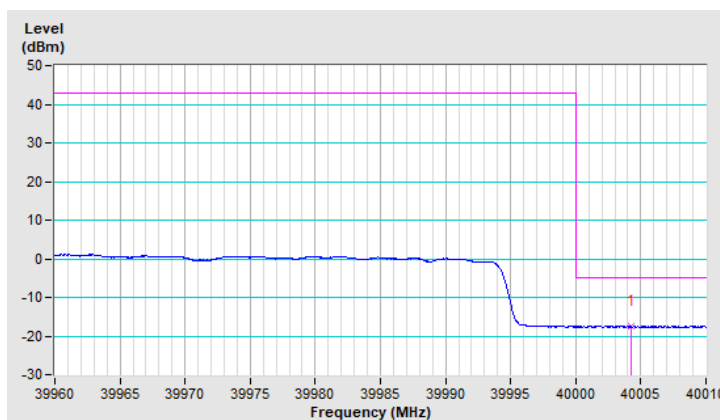


Component Carriers	1CC	Beam ID	19
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40004.25	-17.49	-5.00	-12.49	1.62 V	177	25.12	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

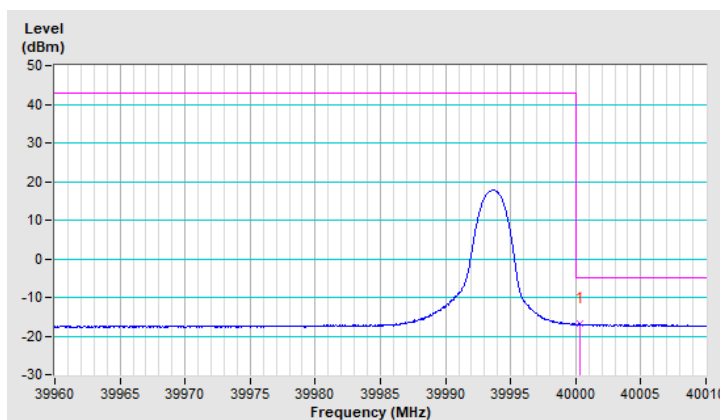


Component Carriers	1CC	Beam ID	19
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40000.35	-16.89	-5.00	-11.89	1.68 V	178	25.72	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

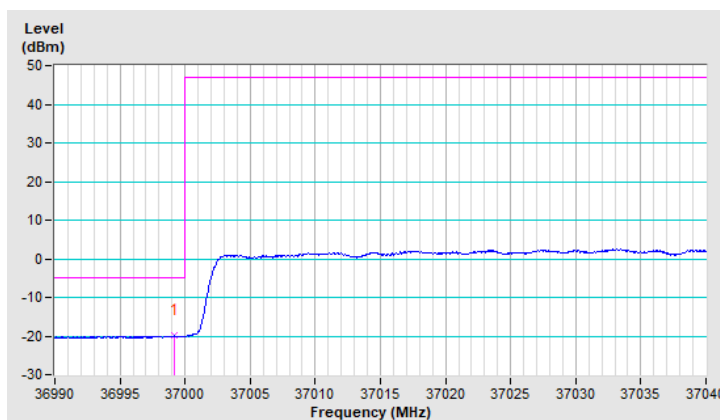


Component Carriers	1CC	Beam ID	150+22
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.20	-19.89	-5.00	-14.89	1.46 V	187	25.70	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

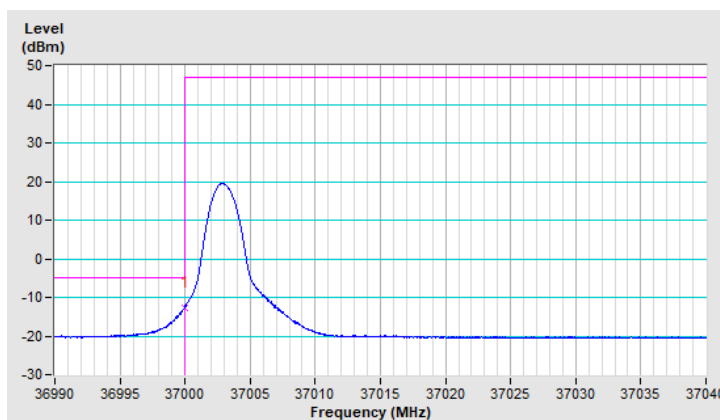


Component Carriers	1CC	Beam ID	150+22
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.95	-12.61	-5.00	-7.61	1.42 V	186	32.98	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

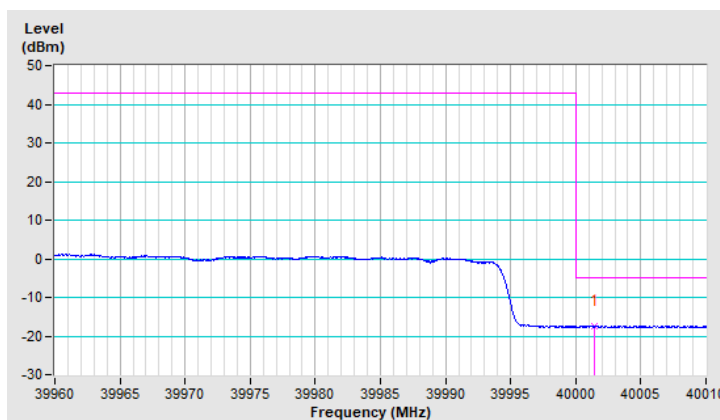


Component Carriers	1CC	Beam ID	150+22
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40001.40	-17.42	-5.00	-12.42	1.77 V	180	25.19	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

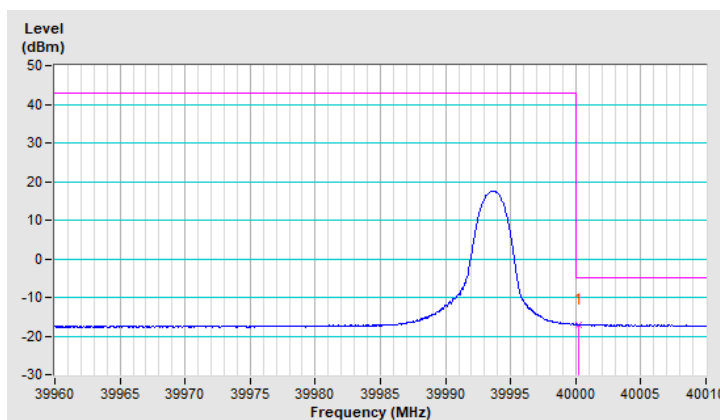


Component Carriers	1CC	Beam ID	150+22
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40000.20	-16.99	-5.00	-11.99	1.66 V	179	25.62	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

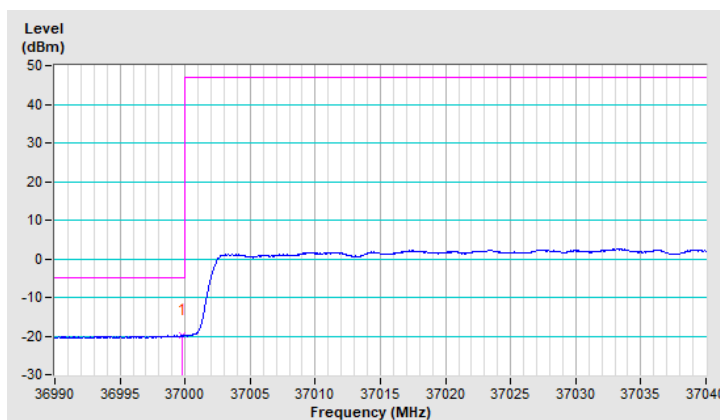


Component Carriers	1CC	Beam ID	147+19
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.80	-19.87	-5.00	-14.87	1.51 V	178	25.72	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

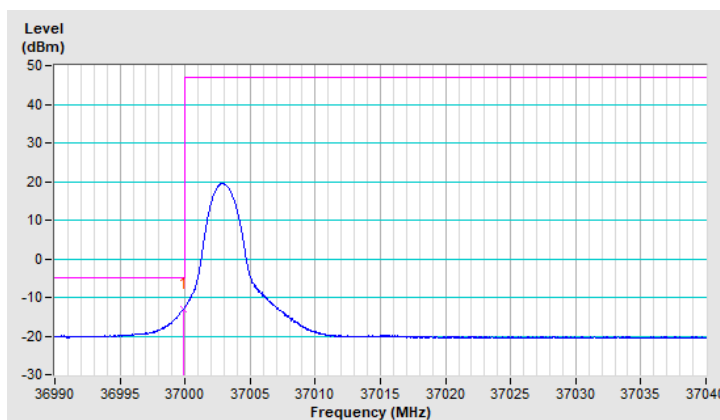


Component Carriers	1CC	Beam ID	147+19
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.85	-12.91	-5.00	-7.91	1.41 V	180	32.68	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

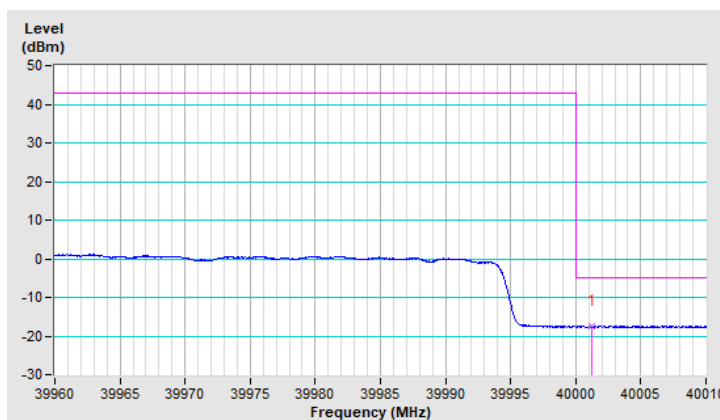


Component Carriers	1CC	Beam ID	147+19
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40001.25	-17.43	-5.00	-12.43	1.69 V	179	25.18	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

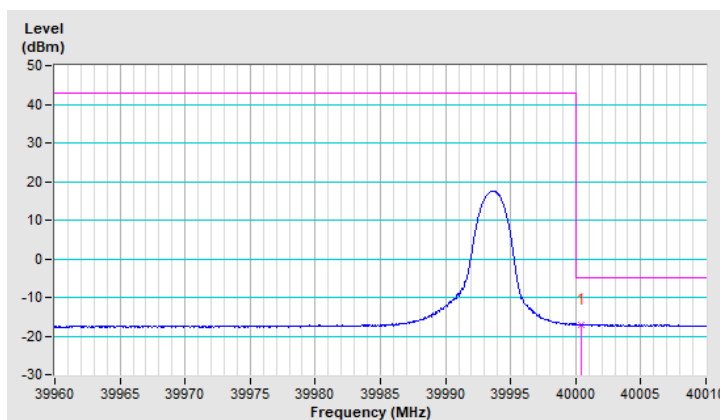


Component Carriers	1CC	Beam ID	147+19
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40000.45	-17.01	-5.00	-12.01	1.61 V	177	25.60	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

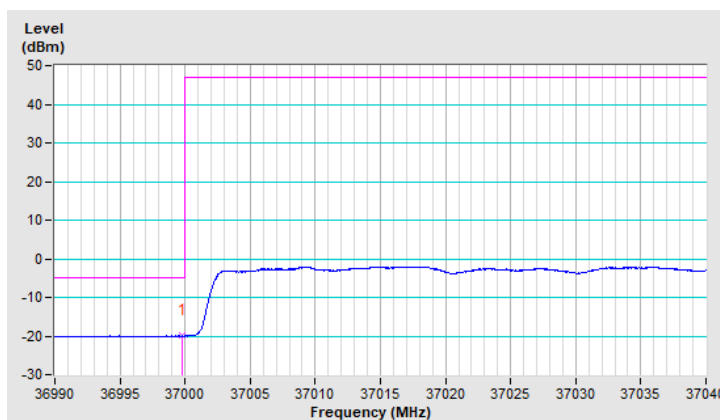


Component Carriers	2CC	Beam ID	150
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.75	-19.90	-5.00	-14.90	1.80 V	183	25.69	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

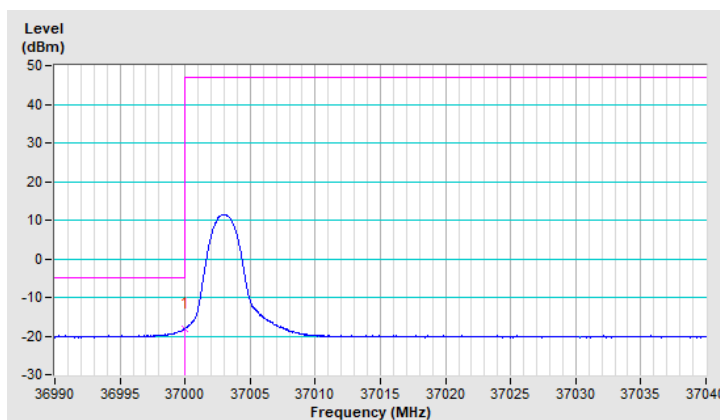


Component Carriers	2CC	Beam ID	150
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.95	-18.08	-5.00	-13.08	1.82 V	180	27.51	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

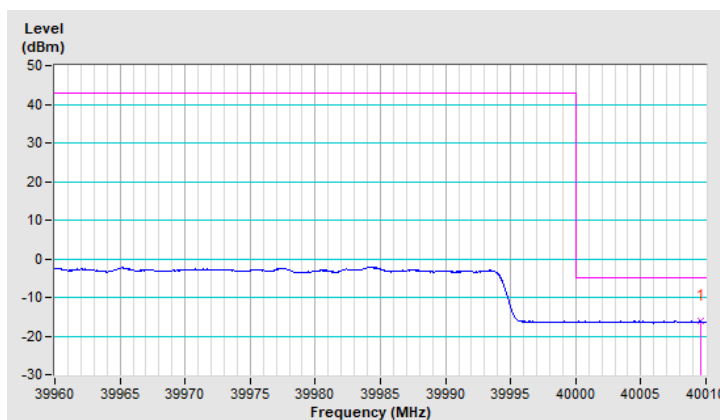


Component Carriers	2CC	Beam ID	150
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40009.55	-16.19	-5.00	-11.19	1.68 V	175	26.42	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

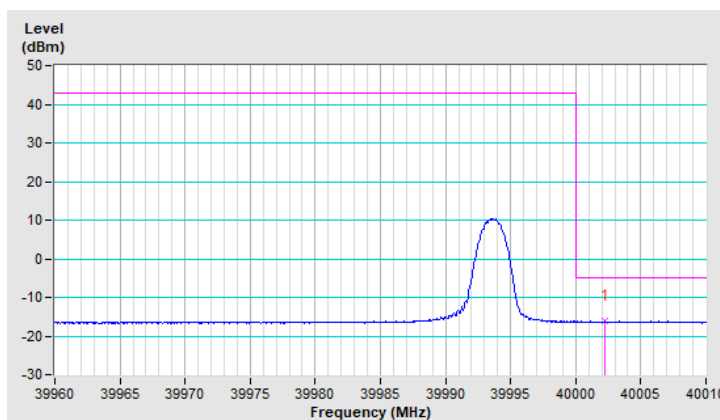


Component Carriers	2CC	Beam ID	150
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40002.25	-16.22	-5.00	-11.22	1.69 V	177	26.39	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

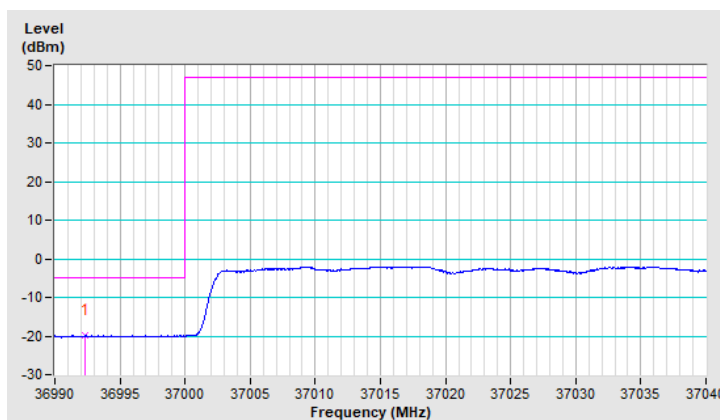


Component Carriers	2CC	Beam ID	19
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36992.35	-19.86	-5.00	-14.86	1.78 V	181	25.74	-45.60

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

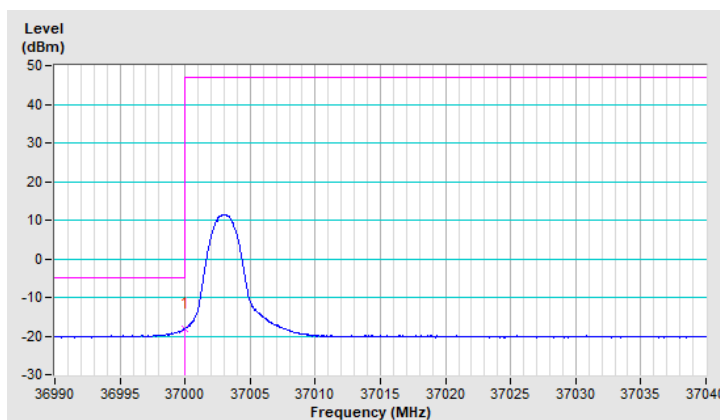


Component Carriers	2CC	Beam ID	19
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.95	-18.13	-5.00	-13.13	1.79 V	183	27.46	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

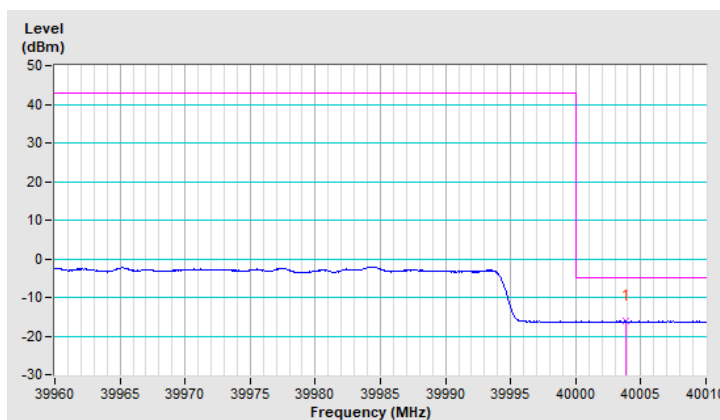


Component Carriers	2CC	Beam ID	19
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40003.85	-16.16	-5.00	-11.16	1.69 V	177	26.45	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

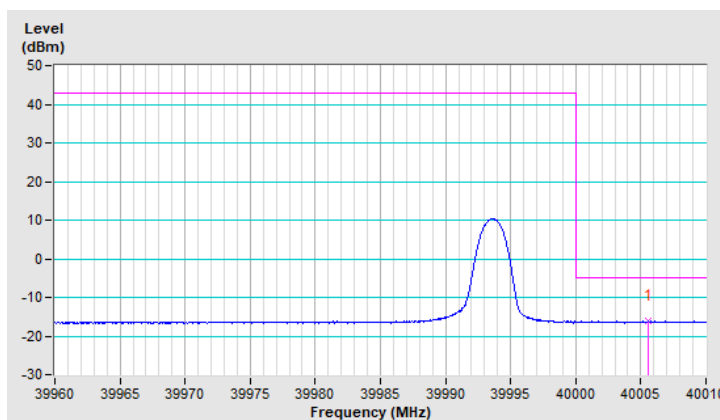


Component Carriers	2CC	Beam ID	19
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40005.55	-16.15	-5.00	-11.15	1.65 V	172	26.46	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

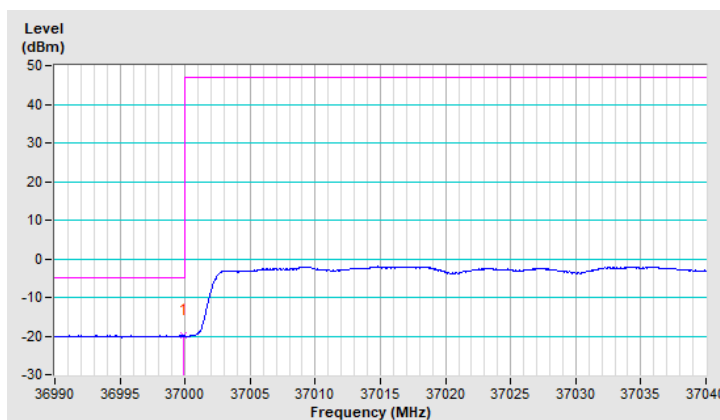


Component Carriers	2CC	Beam ID	150+22
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.85	-19.85	-5.00	-14.85	1.81 V	179	25.74	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

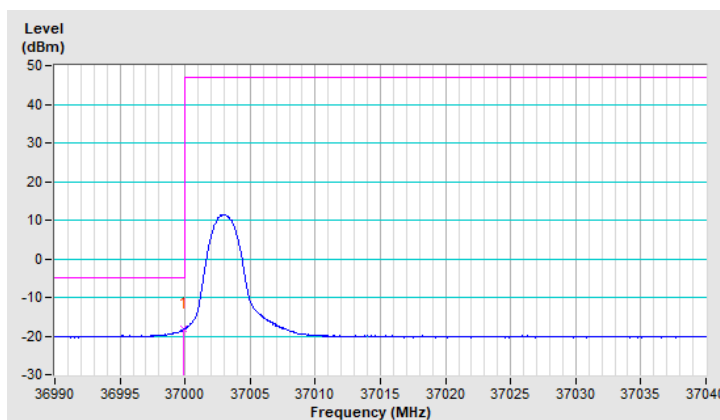


Component Carriers	2CC	Beam ID	150+22
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.90	-18.27	-5.00	-13.27	1.78 V	182	27.32	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. $Margin\ value = EIRP - Limit\ value$
3. The other EIRP levels were very low against the limit.

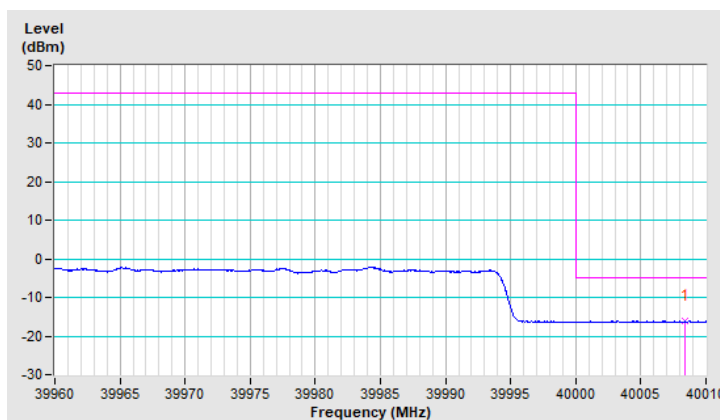


Component Carriers	2CC	Beam ID	150+22
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40008.35	-16.11	-5.00	-11.11	1.69 V	176	26.50	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

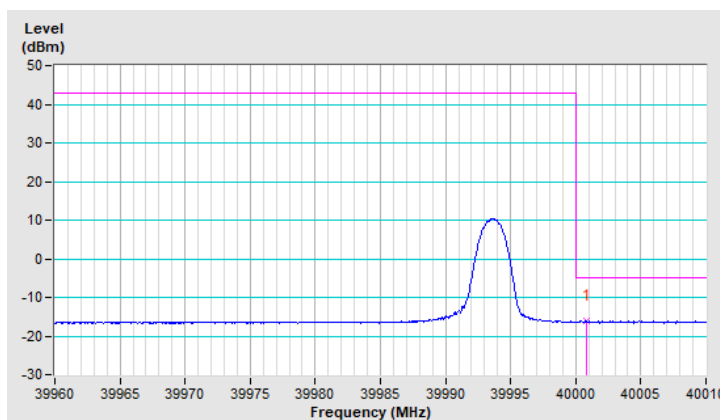


Component Carriers	2CC	Beam ID	150+22
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40000.80	-16.14	-5.00	-11.14	1.68 V	178	26.47	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

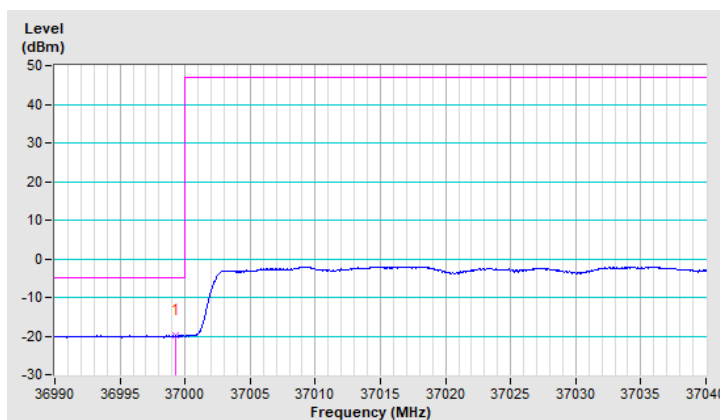


Component Carriers	2CC	Beam ID	147+19
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.30	-19.89	-5.00	-14.89	1.80 V	182	25.70	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. $Margin\ value = EIRP - Limit\ value$
3. The other EIRP levels were very low against the limit.

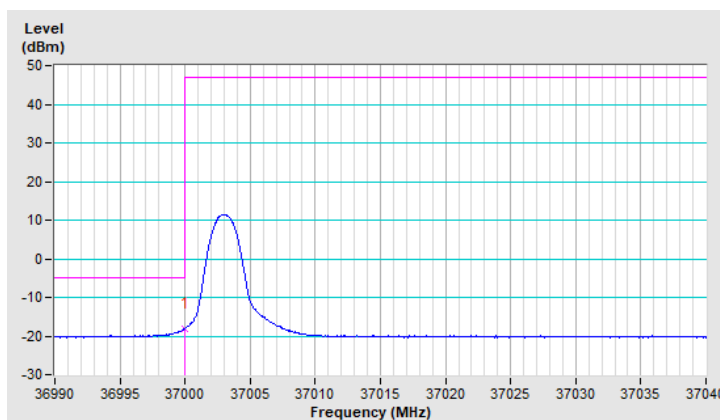


Component Carriers	2CC	Beam ID	147+19
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36999.95	-18.09	-5.00	-13.09	1.80 V	179	27.50	-45.59

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. $Margin\ value = EIRP - Limit\ value$
3. The other EIRP levels were very low against the limit.

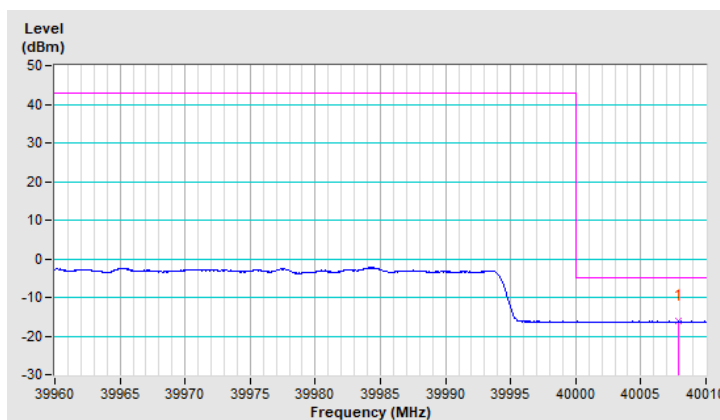


Component Carriers	2CC	Beam ID	147+19
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40007.85	-16.18	-5.00	-11.18	1.68 V	173	26.43	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

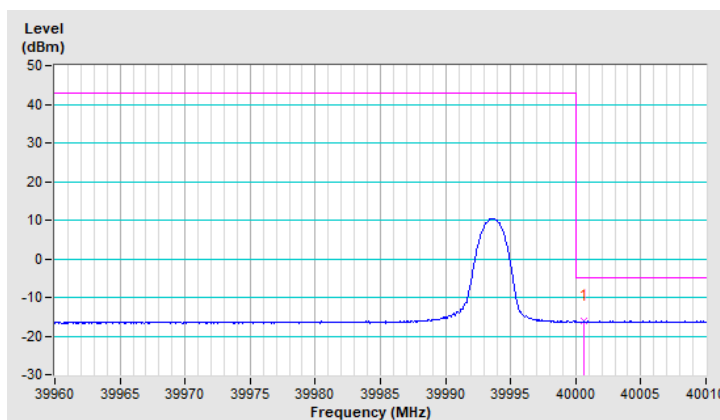


Component Carriers	2CC	Beam ID	147+19
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40000.60	-16.18	-5.00	-11.18	1.63 V	172	26.43	-42.61

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



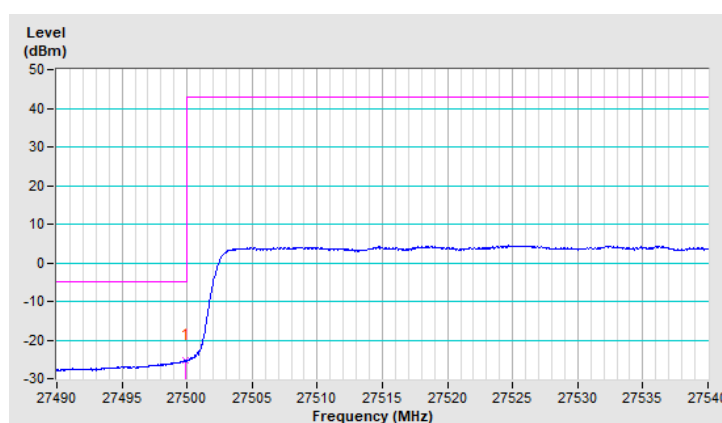
n261:

Component Carriers	1CC	Beam ID	140
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.85	-25.32	-5.00	-20.32	1.48 V	188	25.63	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

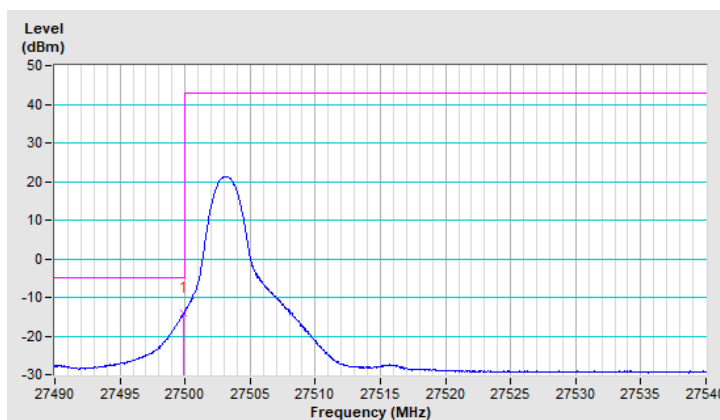


Component Carriers	1CC	Beam ID	140
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.90	-14.05	-5.00	-9.05	1.45 V	185	36.90	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

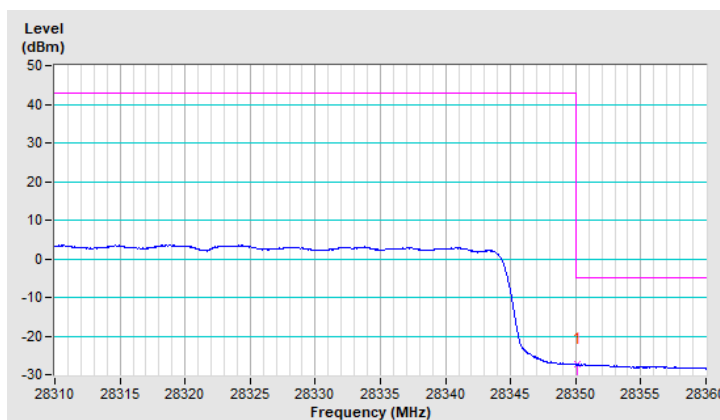


Component Carriers	1CC	Beam ID	140
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.10	-27.33	-5.00	-22.33	1.44 V	185	23.09	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

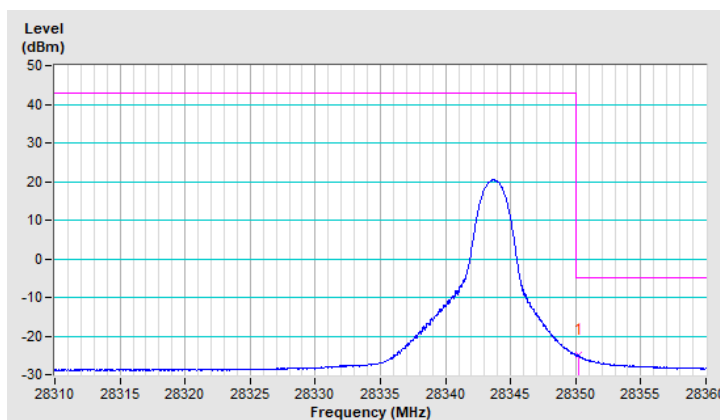


Component Carriers	1CC	Beam ID	140
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.20	-25.06	-5.00	-20.06	1.51 V	187	25.36	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

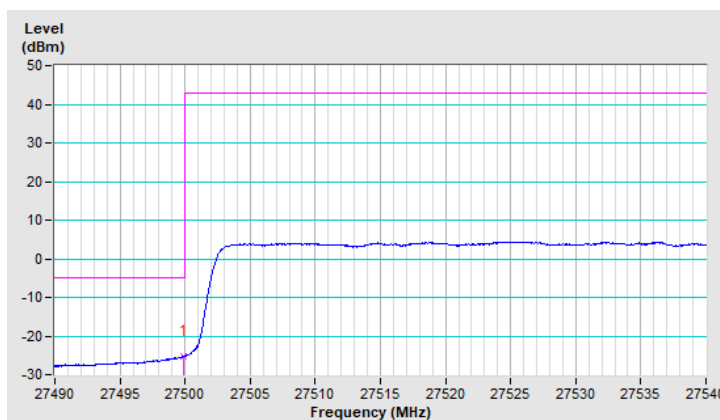


Component Carriers	1CC	Beam ID	144
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.90	-25.30	-5.00	-20.30	1.51 V	180	25.65	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

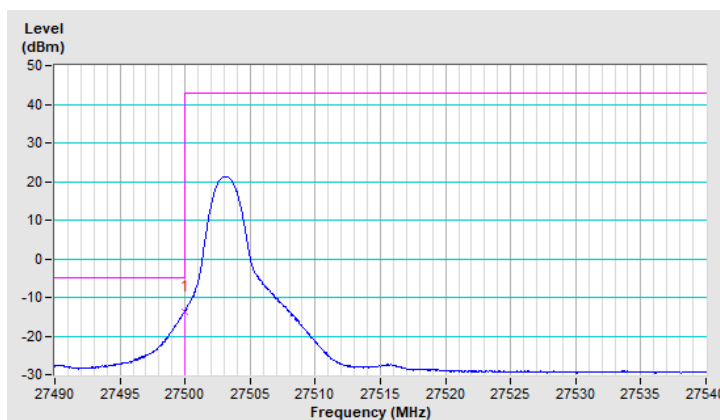


Component Carriers	1CC	Beam ID	144
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.95	-13.57	-5.00	-8.57	1.52 V	186	37.38	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

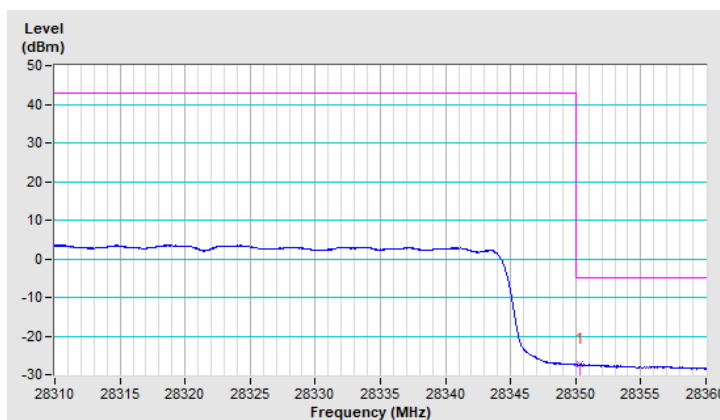


Component Carriers	1CC	Beam ID	144
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.35	-27.37	-5.00	-22.37	1.48 V	183	23.05	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

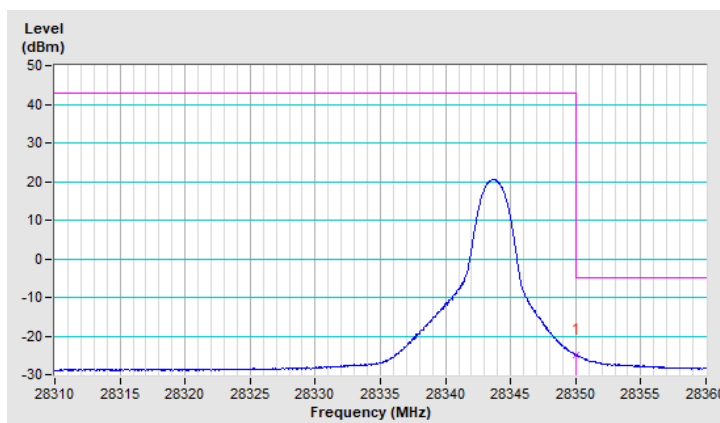


Component Carriers	1CC	Beam ID	144
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.05	-25.01	-5.00	-20.01	1.53 V	172	25.41	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

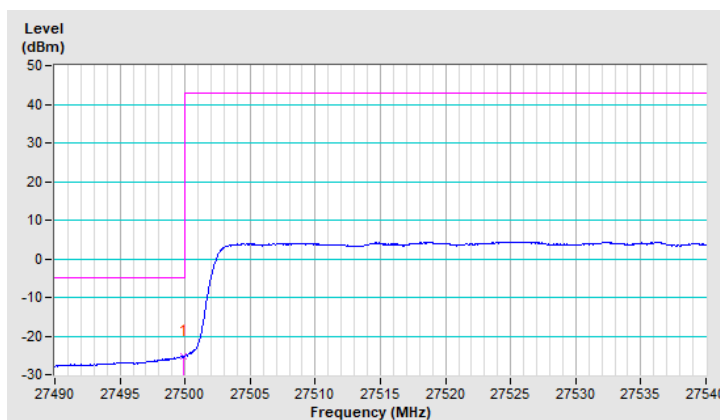


Component Carriers	1CC	Beam ID	144+16
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.90	-25.31	-5.00	-20.31	1.62 V	188	25.64	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

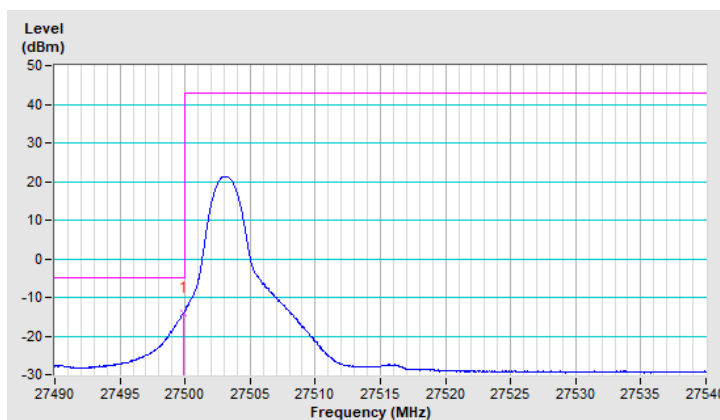


Component Carriers	1CC	Beam ID	144+16
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.90	-14.04	-5.00	-9.04	1.43 V	174	36.91	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

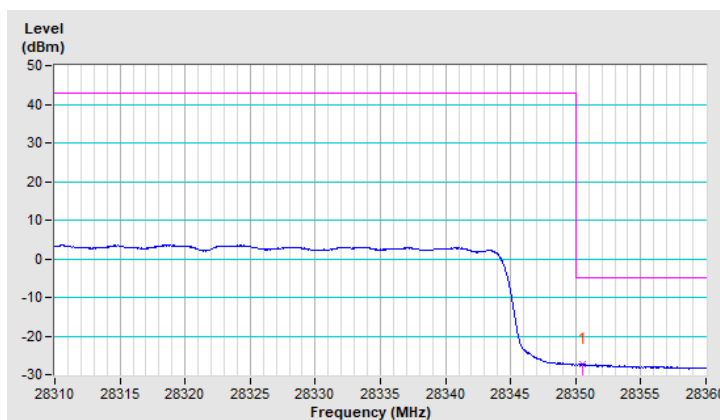


Component Carriers	1CC	Beam ID	144+16
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.55	-27.25	-5.00	-22.25	1.46 V	180	23.17	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

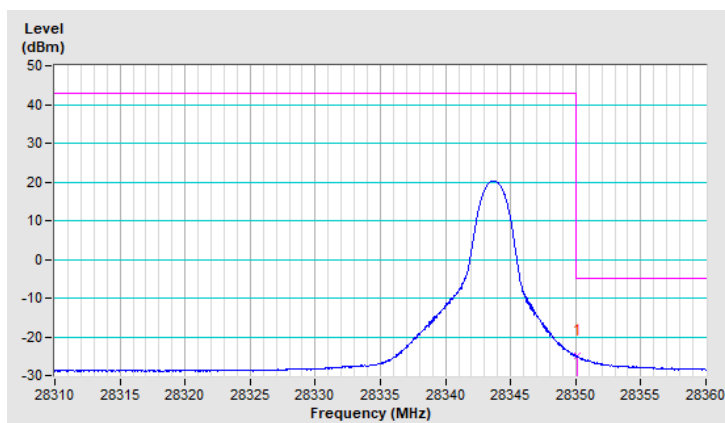


Component Carriers	1CC	Beam ID	144+16
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.10	-25.00	-5.00	-20.00	1.50 V	183	25.42	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

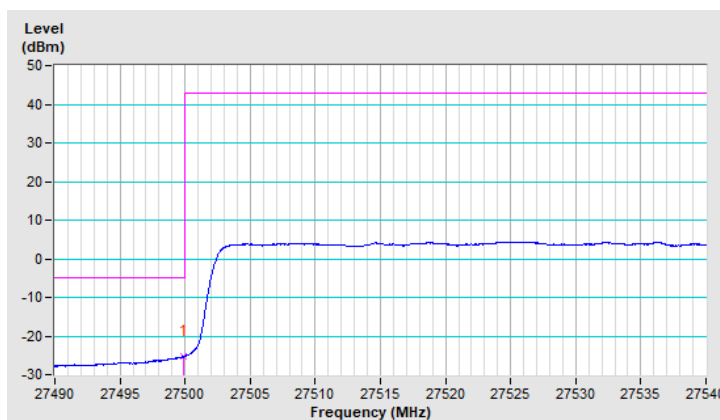


Component Carriers	1CC	Beam ID	140+12
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.85	-25.34	-5.00	-20.34	1.43 V	178	25.61	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

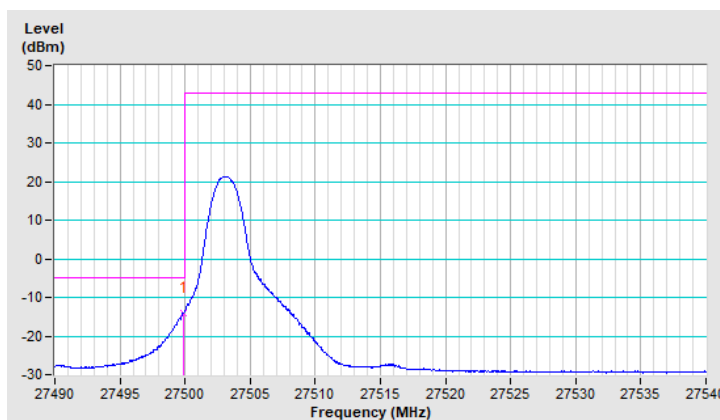


Component Carriers	1CC	Beam ID	140+12
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.90	-13.98	-5.00	-8.98	1.55 V	181	36.97	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

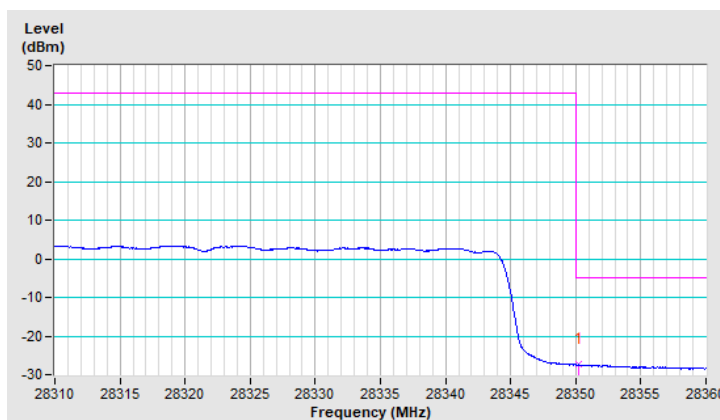


Component Carriers	1CC	Beam ID	140+12
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.25	-27.38	-5.00	-22.38	1.46 V	179	23.04	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

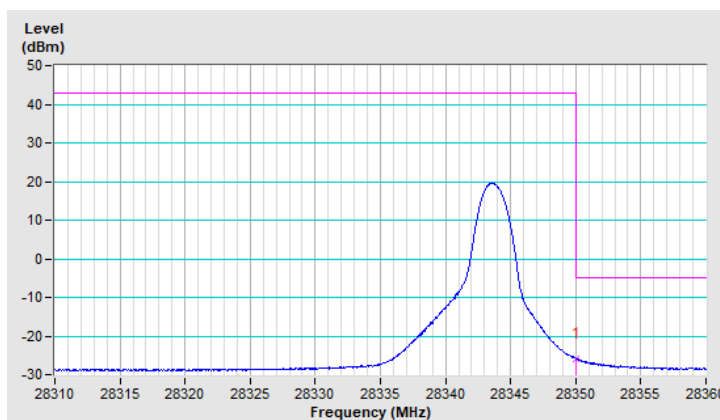


Component Carriers	1CC	Beam ID	140+12
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.05	-25.96	-5.00	-20.96	1.43 V	172	24.46	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

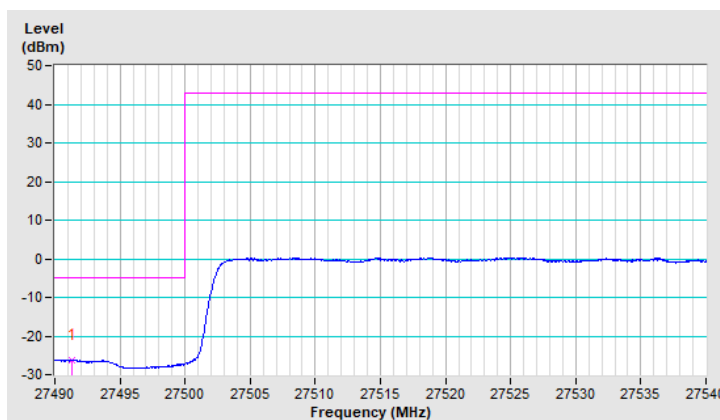


Component Carriers	2CC	Beam ID	140
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27491.35	-26.23	-5.00	-21.23	1.49 V	180	24.72	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

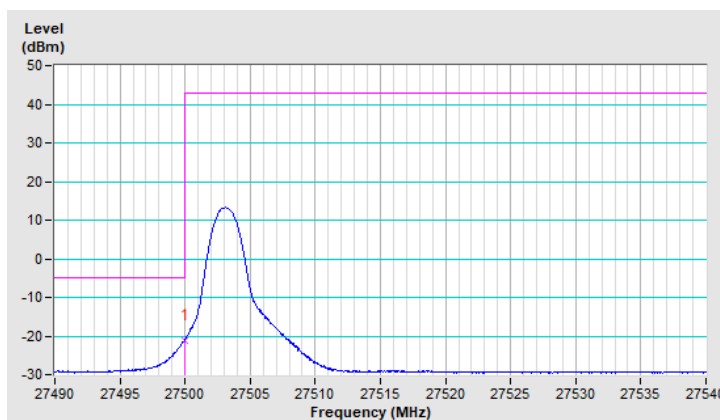


Component Carriers	2CC	Beam ID	140
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.95	-21.04	-5.00	-16.04	1.46 V	183	29.91	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

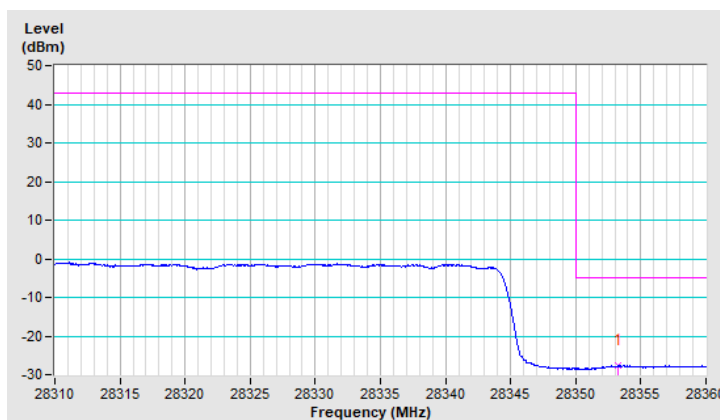


Component Carriers	2CC	Beam ID	140
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28353.25	-27.65	-5.00	-22.65	1.47 V	179	22.77	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

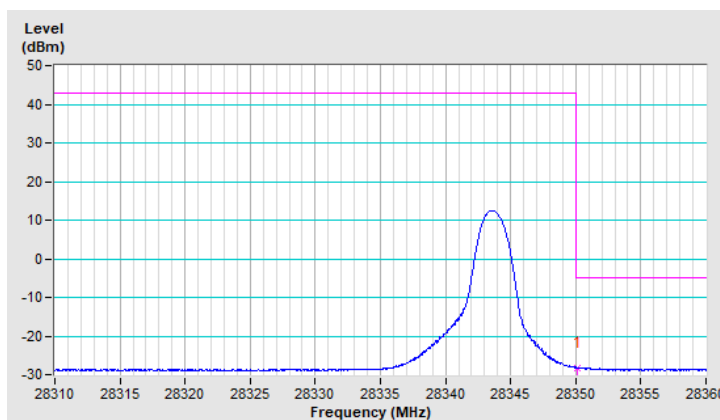


Component Carriers	2CC	Beam ID	140
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.15	-28.20	-5.00	-23.20	1.44 V	179	22.22	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

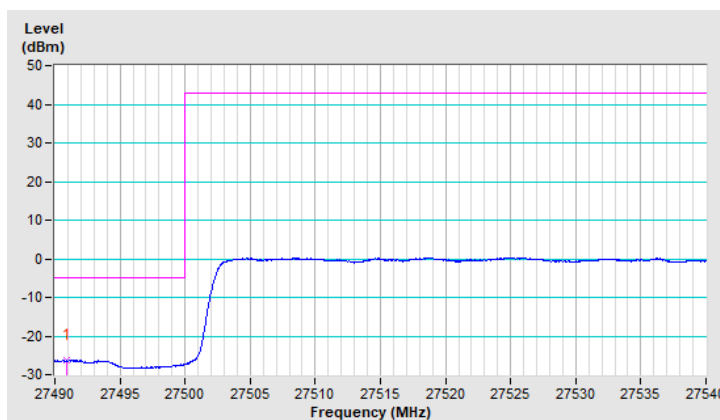


Component Carriers	2CC	Beam ID	144
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27490.95	-26.24	-5.00	-21.24	1.49 V	187	24.71	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

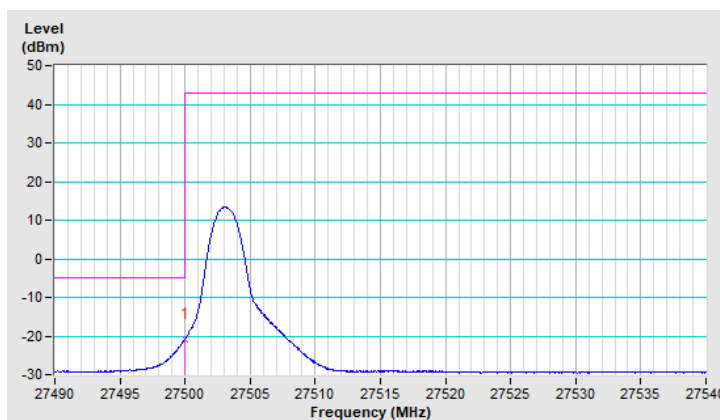


Component Carriers	2CC	Beam ID	144
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.95	-20.84	-5.00	-15.84	1.45 V	186	30.11	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

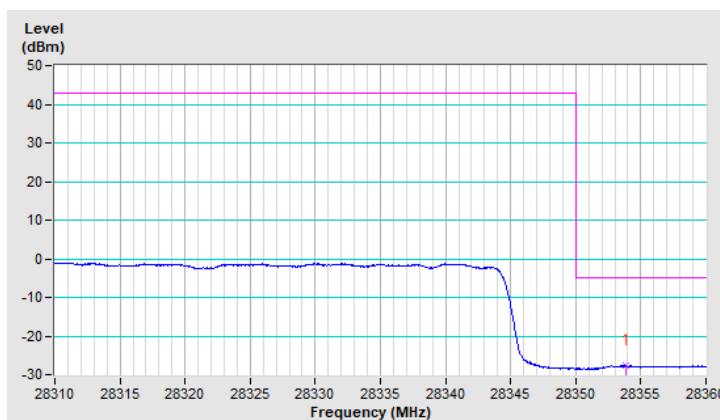


Component Carriers	2CC	Beam ID	144
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28353.85	-27.72	-5.00	-22.72	1.49 V	188	22.70	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

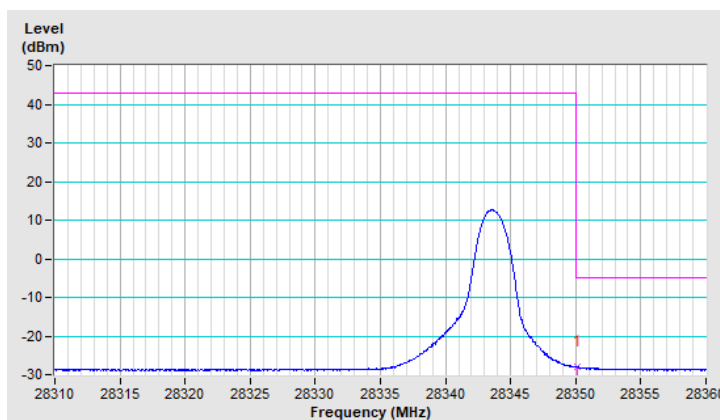


Component Carriers	2CC	Beam ID	144
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.10	-28.02	-5.00	-23.02	1.52 V	188	22.40	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

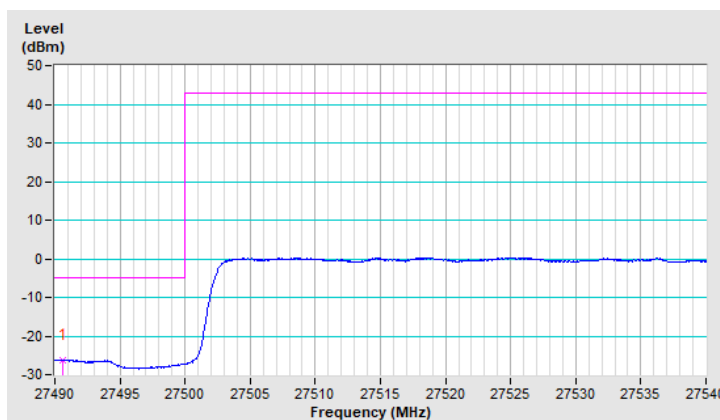


Component Carriers	2CC	Beam ID	144+16
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27490.65	-26.26	-5.00	-21.26	1.55 V	172	24.69	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

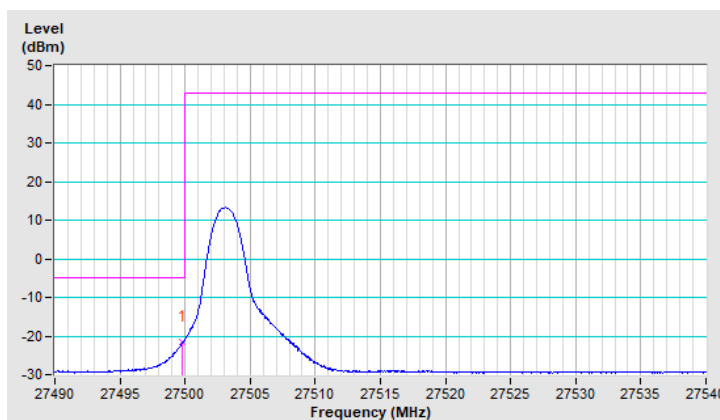


Component Carriers	2CC	Beam ID	144+16
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.80	-21.64	-5.00	-16.64	1.48 V	174	29.31	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

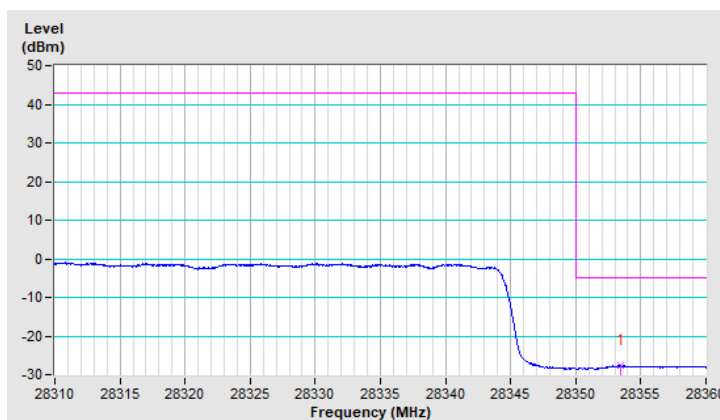


Component Carriers	2CC	Beam ID	144+16
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28353.40	-27.69	-5.00	-22.69	1.59 V	177	22.73	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

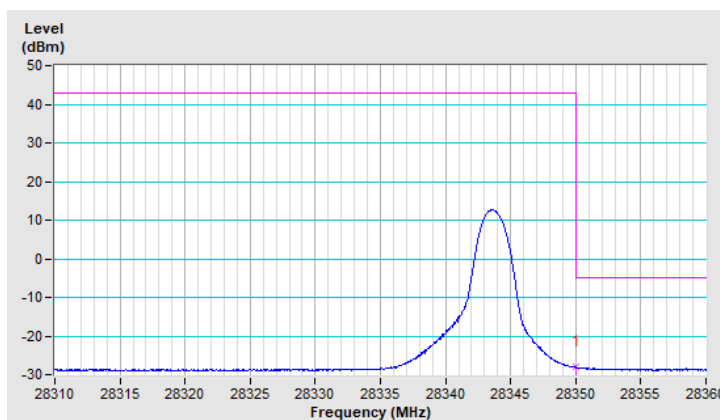


Component Carriers	2CC	Beam ID	144+16
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.05	-28.11	-5.00	-23.11	1.50 V	183	22.31	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

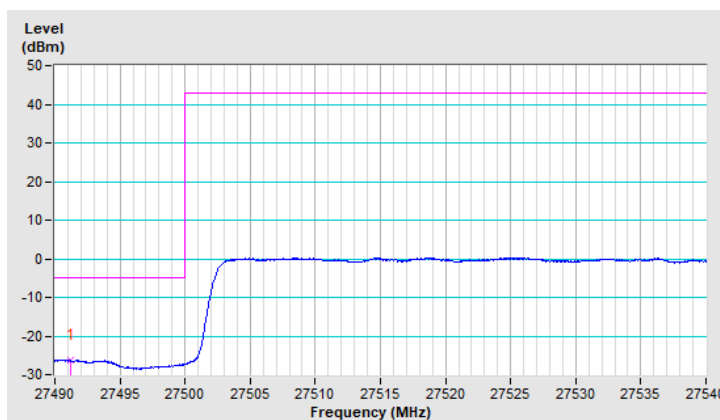


Component Carriers	2CC	Beam ID	140+12
Channel Bandwidth	100MHz	Channel	Low
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27491.20	-26.25	-5.00	-21.25	1.49 V	188	24.70	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

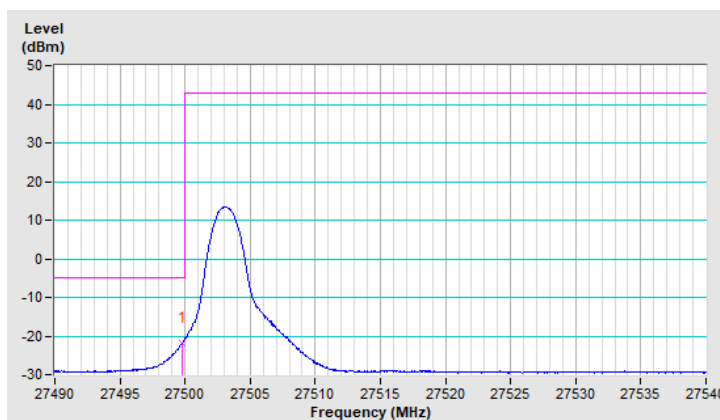


Component Carriers	2CC	Beam ID	140+12
Channel Bandwidth	100MHz	Channel	Low
Mode	1RB0		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27499.80	-21.96	-5.00	-16.96	1.52 V	181	28.99	-50.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

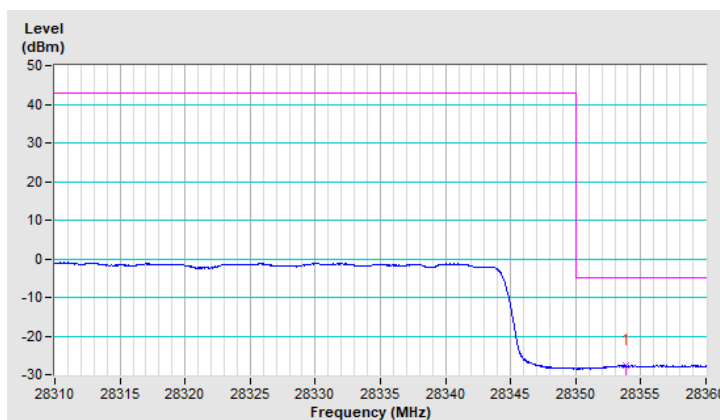


Component Carriers	2CC	Beam ID	140+12
Channel Bandwidth	100MHz	Channel	High
Mode	Full RB		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28353.90	-27.64	-5.00	-22.64	1.45 V	182	22.78	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.

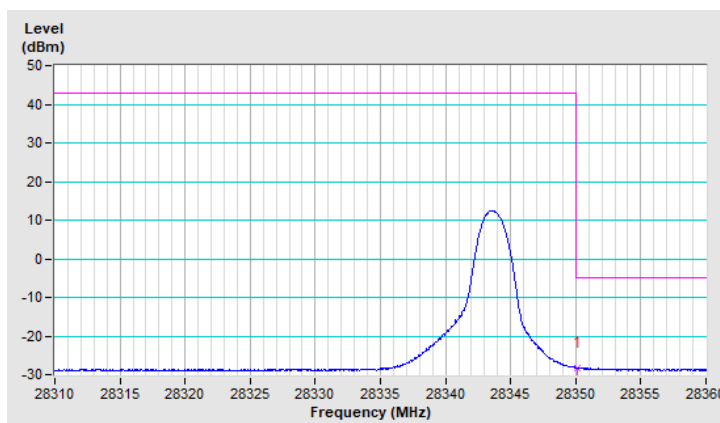


Component Carriers	2CC	Beam ID	140+12
Channel Bandwidth	100MHz	Channel	High
Mode	1RB63		

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28350.15	-28.16	-5.00	-23.16	1.46 V	177	22.26	-50.42

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.
2. Margin value = EIRP – Limit value
3. The other EIRP levels were very low against the limit.



4.5 Frequency Stability Measurement

4.5.1 Limits of Frequency Stability Measurement

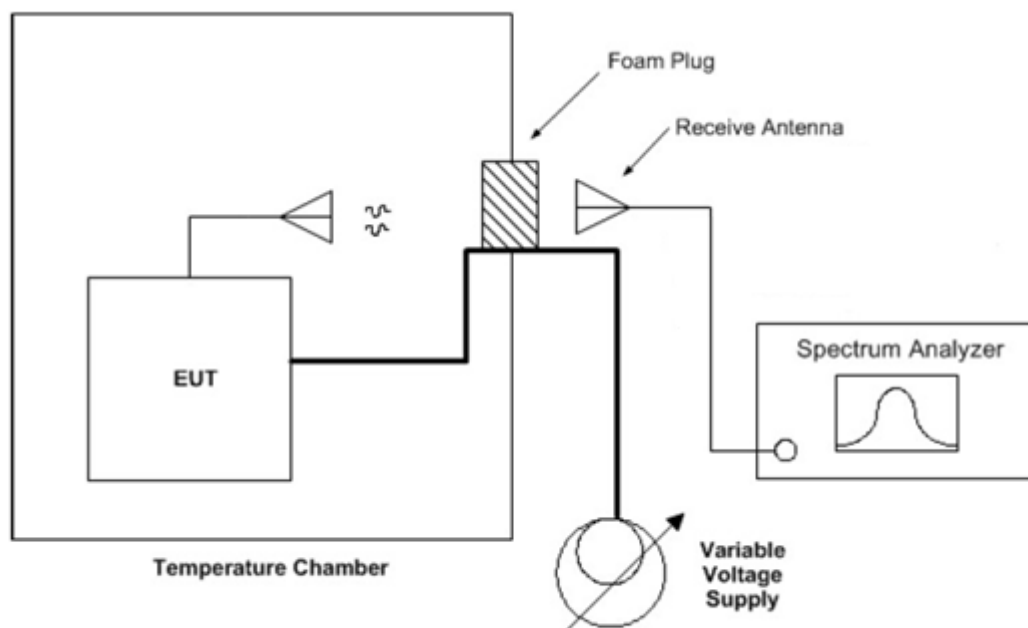
The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency band.

4.5.2 Test Procedure

- Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the ± 0.5 °C during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

Note: The frequency error was recorded from the communication simulator.

4.5.3 Test Setup



4.5.4 Test Result

Frequency Stability Versus Temp.

n260				
Temp. (°C)	Power Supply (Vdc)	Measured Frequency (MHz)	FT, ppm	Pass/Fail
-20	3.87	38849.875200	-0.0124	Pass
-10	3.87	38849.875600	-0.1133	Pass
0	3.87	38849.873400	-0.1699	Pass
10	3.87	38849.886230	0.1604	Pass
20	3.87	38849.884340	0.1117	Pass
30	3.87	38849.872330	-0.1974	Pass
40	3.87	38849.871360	-0.2224	Pass
50	3.87	38849.870360	-0.2481	Pass
60	3.87	38849.867300	-0.3269	Pass

Frequency Error vs. Voltage

n260				
Temp. (°C)	Power Supply (Vdc)	Measured Frequency (MHz)	FT, ppm	Pass/Fail
20	4.45	38849.873200	-0.1750	Pass
	3.87	38849.884340	0.1117	Pass
	3.28	38849.884320	0.1112	Pass

Frequency Stability Versus Temp.

n261				
Temp. (°C)	Power Supply (Vdc)	Measured Frequency (MHz)	FT, ppm	Pass/Fail
-20	3.87	27925.083240	0.1160	Pass
-10	3.87	27925.083160	0.1132	Pass
0	3.87	27925.082360	0.0845	Pass
10	3.87	27925.081360	0.0487	Pass
20	3.87	27925.080060	0.0021	Pass
30	3.87	27925.079630	-0.0132	Pass
40	3.87	27925.082360	0.0845	Pass
50	3.87	27925.078430	-0.0562	Pass
60	3.87	27925.077930	-0.0741	Pass

Frequency Error vs. Voltage

n261				
Temp. (°C)	Power Supply (Vdc)	Measured Frequency (MHz)	FT, ppm	Pass/Fail
20	4.45	27925.081320	0.0047	Pass
	3.87	27925.080060	0.0021	Pass
	3.28	27925.082360	0.0845	Pass

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

FCC accreditation scope:

Web Site:

https://apps.fcc.gov/oetcf/eas/reports/ViewTestFirmAccredScopes.cfm?calledFromFrame=N&RequestTimeOut=500®num_specified=N&test_firm_id=7635

Scope	FCC Rule Parts	Maximum Assessed Frequency in Mhz	Status	Expiration Date	Recognition Date
Intentional Radiators	FCC Part 15 Subpart C	300000.00	Approved	08-10-2022	08-11-2020
U-NII without DFS Intentional Radiators	FCC Part 15, Subpart E	300000.00	Approved	08-10-2022	08-11-2020
U-NII with DFS Intentional Radiators	FCC Part 15, Subpart E	300000.00	Approved	08-10-2022	08-11-2020
UWB Intentional Radiators	FCC Part 15, Subpart F	300000.00	Approved	08-10-2022	08-11-2020
BPL Intentional Radiators	FCC Part 15, Subpart G	300000.00	Approved	08-10-2022	08-11-2020
White Space Device Intentional Radiators	FCC Part 15, Subpart H	300000.00	Approved	08-10-2022	08-11-2020
Commercial Mobile Services	Part 22 (cellular), Part 24, Part 25 (below 3 GHz), Part 27	300000.00	Approved	08-10-2022	08-11-2020
General Mobile Radio Services	Part 22 (non-cellular), Part 90 (below 3 GHz), Part 95 (below 3 GHz), Part 97 (below 3 GHz), Part 101 (below 3 GHz)	300000.00	Approved	08-10-2022	08-11-2020
Citizens Broadband Radio Services	Part 95	300000.00	Approved	08-10-2022	08-11-2020
Maritime and Aviation Radio Services	Part 80, Part 87	300000.00	Approved	08-10-2022	08-11-2020
Microwave and Millimeter Bands Radio Services	Part 25 (above 3 GHz), Part 30, Part 74, Part 90 (above 3 GHz), Part 95 (above 3 GHz), Part 97 (above 3 GHz), Part 101	300000.00	Approved	08-10-2022	08-11-2020
RF Exposure		6000.00	Approved	08-10-2022	08-11-2020
Hearing Aid Compatibility	Part 20	6000.00	Approved	08-10-2022	08-11-2020
Signal Boosters	Part 20, Part 90.219	300000.00	Approved	08-10-2022	08-11-2020

If you have any comments, please feel free to contact us at the following:

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Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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