FCC Test Report (Part 30)

Report No.:	RF200605C24-14
FCC ID:	V65E7110
Test Model:	E7110
Received Date:	Jun. 29, 2020
Test Date:	Nov. 10 ~ Nov. 19, 2020
Issued Date:	Nov. 19, 2020
Applicant:	Kyocera Corporation % Kyocera International, Inc.
Address:	8611 Balboa Avenue, San Diego, CA 92123
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	788550 / TW0003

Testing Laboratory
2021

Table of Contents

Release Control Record

Issue No.	Description	Date Issued
RF200605C24-14	Original release.	Nov. 19, 2020

1 Certificate of Conformity

Product:	Smart Phone
Brand:	Kyocera
Test Model:	E7110
Sample Status:	Identical Prototype
Applicant:	Kyocera Corporation % Kyocera International, Inc.
Test Date:	Nov. 10 ~ Nov. 19, 2020
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 : Celine Chou , **Date:** Nov. 19, 2020

Celine Chou / Senior Specialist

Approved by : Bruce Chen , **Date:** Nov. 19, 2020

Bruce Chen / Senior Project 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 -10.10dB at 28582.51GHz.
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	Smart Phone
Brand	Kyocera
Test Model	E7110
Status of EUT	Identical Prototype
Power Supply Rating	3.85 Vdc (Battery) 5 Vdc / 9 Vdc / 12 Vdc
Modulation Type	QPSK, 16QAM, 64QAM
Operating Frequency	n260: 37.649GHz ~ 39.950GHz n261: 27.5GHz ~ 28.35GHz
Supported Channel Bandwidth	100MHz, 200MHz
Supported Carrier Component	1CC, 2CC
Max. E.I.R.P. Power (RMS)	n260: 30.91dBm n261: 28.53Bm
Antenna Connector	NA
Accessory Device	Refer to Note as below
Data Cable Supplied	Refer to Note as below
Antenna Information	There are three operational 5GNR modules (QTM525-5) in E7110. Only one module is active at a given time. One antenna array is integrated on the backside of each 5GNR module. It consists of 4-element patch antenna array which is dual polarized (V & H). The purpose of the three spatially spaced 5GNR modules are for spatial diversity. The device searches for the best wide beam width (single patch element beam) on the appropriate module to improve the link and then switches to best narrow beam width (4-element patch beam) once it finds the optimal beam location. Each antenna array can change its gain pattern by changing the amplitudes and phases for the signals that are fed into the different antennas or elements in the array. This is controlled by the Qualcomm software, particularly the codebook. The codebook can turn on one, two or 4 elements in the patch array to create a gain pattern called a “beam”. The maximum gain in V occurs when all the 4 vertically polarized patch feeds are turned on together and maximum gain in H occurs when all the 4 horizontally polarized patch feeds are turned on together, via the codebook amplitude & phase weights. Both H & V can also be excited simultaneously forming a beam-pair for MIMO operation.

Note:

1. Simultaneously transmission condition.

Condition	Technology			
1	WLAN 2.4GHz 2Tx	WLAN 5GHz 2Tx	Bluetooth	WWAN or 5G NR
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.				

2. The EUT contains three radio modules for millimeter wave.

Millimeter wave radio module	
Radio Module	Status
Module 0 (Middle Side)	Active
Module 1 (Left Side)	Active
Module 2 (Right Side)	Active

3. The worst beam ID:

Band	Supported Carrier Component	Beam ID	
		Single Beam	MIMO Beam
n260	1CC	166	27+155
		35	20+148
		170	42+170
	2CC	155	27+155
		161	20+148
		170	42+170
n261	1CC	167	24+167
		162	34+162
		30	30+158
	2CC	167	24+167
		34	34+162
		30	30+158

The worst beams are defined from the EIRP simulation report.

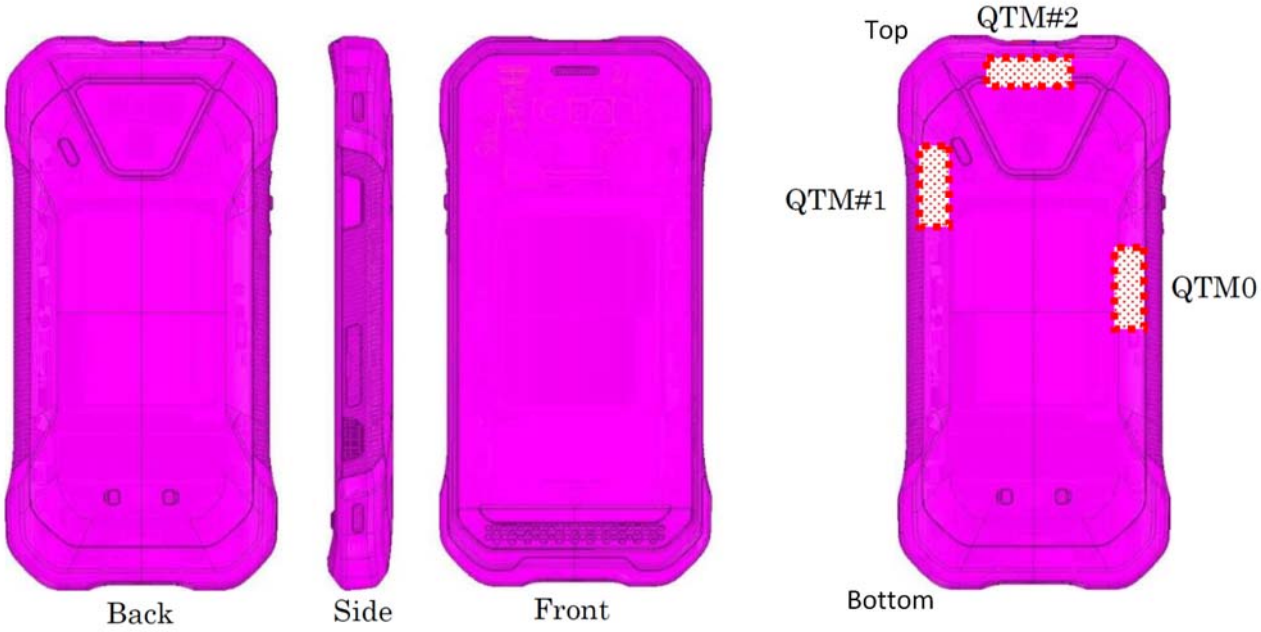
These modes were investigated and the worst case scenario was identified. The worst case data were presented in test report.

4. The EUT contains following accessory devices.

Product	Brand	Model	Description
Adapter	Kyocera	SCP-53ADT	I/P: 100-240 Vac, 50/60 Hz, 0.6 A O/P: 5 Vdc, 3 A; 9 Vdc, 3 A; 15 Vdc, 1.8 A; 20 Vdc, 1.35 A
USB Cable	Kyocera	SCP-27SDC	1.0m

5. 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.
6. 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.

7. Antenna Location



3.2 Description of Test Modes

Band	Component Carriers	Channel Bandwidth (MHz)	Channel	Beam ID	
				Single Beam	MIMO Beam
n260	1CC	100	2239997	166, 155, 26, 27, 161, 170, 148, 20, 35, 170, 42	27+155, 20+148, 42+170
			2259997		
			2278331		
	2CC	200	2240001+2241671	166, 155, 26, 27, 161, 170, 148, 20, 35, 170, 42	27+155, 20+148, 42+170
			2259163+2260831		
			2276663+2278331		
n261	1CC	100	2071821	167, 38, 24, 162, 36, 34, 171, 158, 30	24+167, 34+162, 30+158
			2077891		
			2084035		
	2CC	200	2071831+2073489	167, 38, 24, 162, 36, 34, 171, 158, 30	24+167, 34+162, 30+158
			2077833+2079500		
			2082333+2084001		

3.2.1 Test Mode Applicability and Tested Channel Detail

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

Where **MC:** Modulation characteristics **EB:** Emission Bandwidth

EIRP: Effective Isotropically Radiated Power **RE≥1G:** Radiated Emission above 1GHz

RE<1G: Radiated Emission below 1GHz **OOB**: Out-of-Band Emission at the Band Edge

FS: Frequency Stability

Modulation Characteristics 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	QPSK / 16QAM / 64QAM	-	Full RB
n261	1CC,	M	QPSK / 16QAM / 64QAM	-	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,	L, M, H	QPSK, 16QAM, 64QAM	170	1RB / 32RB offset Full RB
	2CC	L, M, H	QPSK, 16QAM, 64QAM	42+170	1RB / 32RB offset Full RB
n261	1CC,	L, M, H	QPSK, 16QAM, 64QAM	30	1RB / 32RB offset Full RB
	2CC	L, M, H	QPSK, 16QAM, 64QAM	30+158	1RB / 32RB offset Full RB

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,	L, M, H	QPSK, 16QAM, 64QAM	166, 155, 26, 27, 161, 170, 148, 20, 35, 170, 42, 27+155, 20+148, 42+170	1RB / 0RB offset 1RB / 32RB offset 1RB / 65RB offset Full RB
	2CC	L, M, H	QPSK, 16QAM, 64QAM	166, 155, 26, 27, 161, 170, 148, 20, 35, 170, 42, 27+155, 20+148, 42+170	1RB / 0RB offset 1RB / 32RB offset 1RB / 65RB offset Full RB
n261	1CC,	L, M, H	QPSK, 16QAM, 64QAM	167, 38, 24, 162, 36, 34, 171, 158, 30, 24+167, 34+162, 30+158	1RB / 0RB offset 1RB / 32RB offset 1RB / 65RB offset Full RB
	2CC	L, M, H	QPSK, 16QAM, 64QAM	167, 38, 24, 162, 36, 34, 171, 158, 30, 24+167, 34+162, 30+158	1RB / 0RB offset 1RB / 32RB offset 1RB / 65RB offset Full RB

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	QPSK,	170	1RB / 32RB offset 1RB / 65RB offset
		L, M, H	QPSK	42+170	1RB / 32RB offset 1RB / 65RB offset
n261	1CC	L, M, H	QPSK	30	1RB / 32RB offset 1RB / 65RB offset
		L, M, H	QPSK,	34+162	1RB / 32RB offset 1RB / 65RB offset

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	QPSK,	170	1RB / 32RB offset
		L, M, H	QPSK	42+170	1RB / 32RB offset
n261	1CC	L, M, H	QPSK	30	1RB / 32RB offset
		L, M, H	QPSK,	30+158	1RB / 32RB offset

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,	L	QPSK	166, 35, 170, 27+155, 20+148, 42+170	1RB / 0RB offset Full RB
		H			1RB / 65RB offset Full RB
	2CC	L	QPSK	155, 161, 170, 27+155, 20+148, 42+170	1RB / 0RB offset Full RB
		H			1RB / 65RB offset Full RB
n261	1CC,	L	QPSK	167, 162, 30, 24+167, 34+162, 30+158	1RB / 0RB offset Full RB
		H			1RB / 65RB offset Full RB
	2CC	L	QPSK	167, 34, 30, 24+167, 34+162, 30+158	1RB / 0RB offset Full RB
		H			1RB / 65RB 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	QPSK	-	Full RB
n261	1CC,	M	QPSK	-	Full RB

Test Condition:

Applicable to	Environmental Conditions	Input Power	Tested by
MC	25deg. C, 65%RH	120Vac, 60Hz	Leo Tsai
EIRP	25deg. C, 65%RH	120Vac, 60Hz	Leo Tsai
FS	25deg. C, 65%RH	120Vac, 60Hz	Leo Tsai
EB	25deg. C, 65%RH	120Vac, 60Hz	Leo Tsai
RE≥1G	24deg. C, 68%RH	120Vac, 60Hz	Leo Tsai
RE<1G	24deg. C, 68%RH	120Vac, 60Hz	Leo Tsai
OOB	26deg. C, 69%RH	120Vac, 60Hz	Leo Tsai

3.3 Duty Cycle of Test Signal

Duty cycle of test signal is 100 %.

n260	
QPSK	16QAM
	
64QAM	
	

n261	
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.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Earphone	APPLE	A1748	NA	NA	-

Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Item A acted as a communication partner to transfer data.

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	USB cable	1	1.0	Y	0	Accessory
2.	Audio cable	1	1.15	N	0	-

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 v01

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

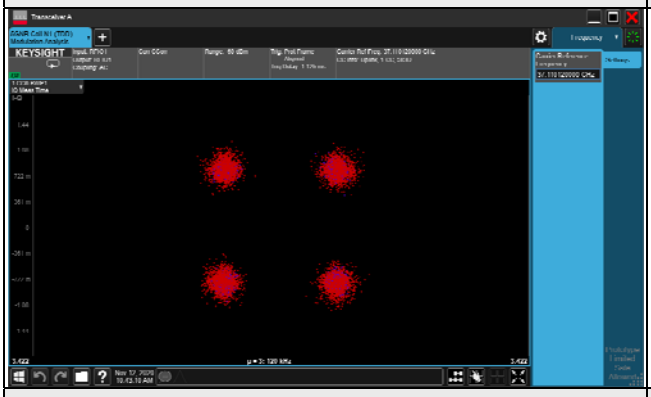
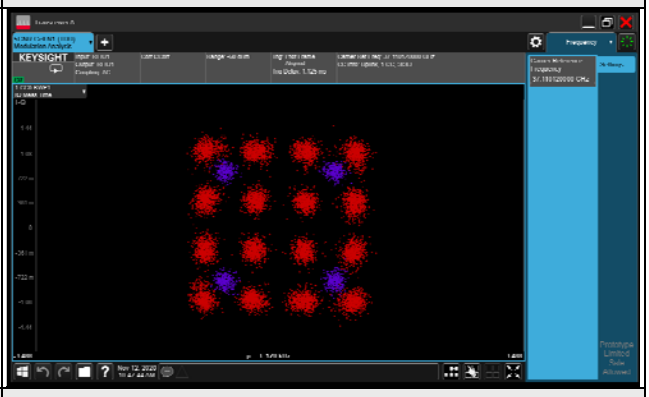
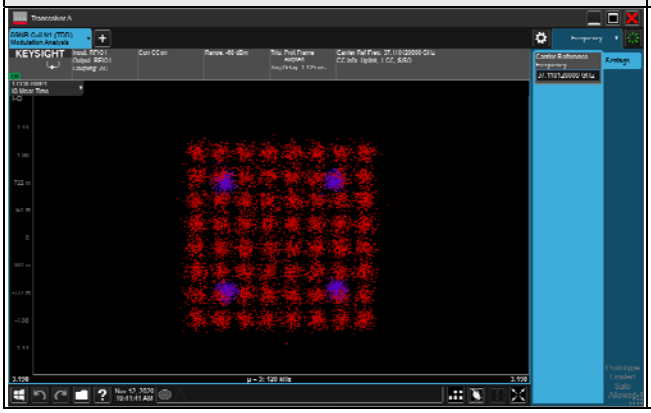
4 Test Types and Results

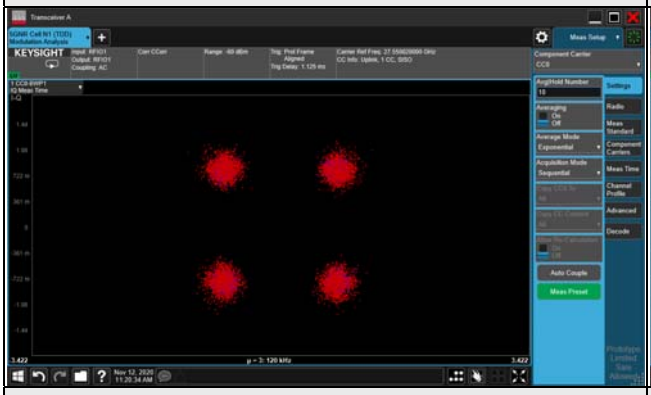
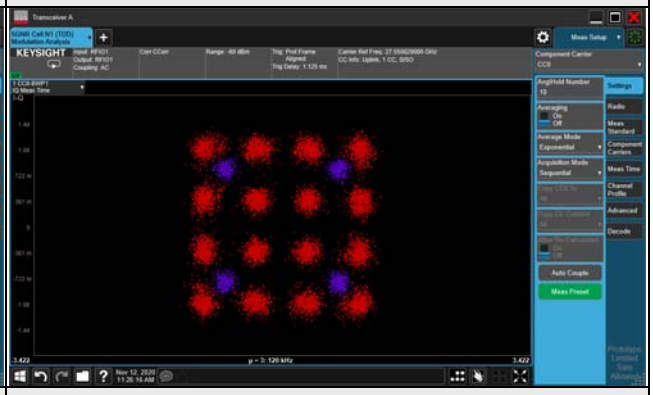
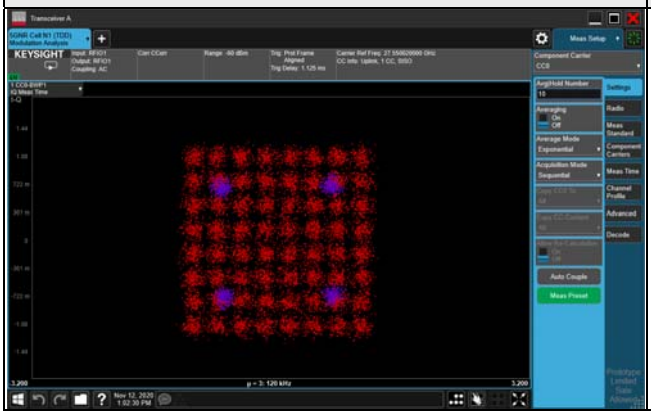
4.1 Modulation characteristics

4.1.1 Limits of Modulation characteristics

N/A

4.1.2 Test Result

n260 (1CC)	
QPSK	16QAM
	
64QAM	
	

n261 (1CC)	
QPSK	16QAM
	
64QAM	
	

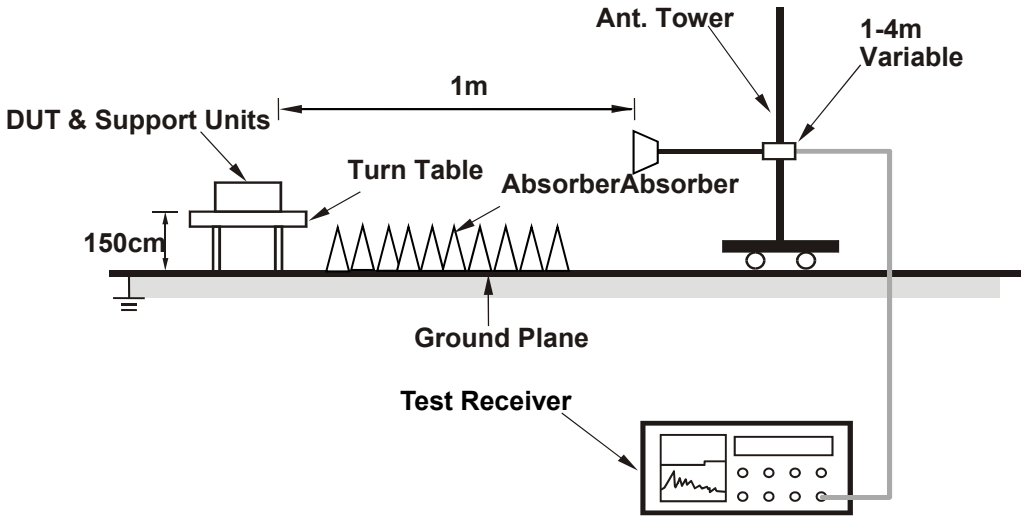
4.2 Equivalent Isotropic Radiated Power (EIRP) Measurement

4.2.1 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)

4.2.2 Test Setup

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



4.2.3 Test Instruments

For Below 40GHz and Frequency Stabillity

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESIB7	100187	May 25, 2020	May 24, 2021
Spectrum Analyzer KEYSIGHT	N9030A	MY54490561	Jul. 30, 2020	Jul. 29, 2021
Spectrum Analyzer KEYSIGHT	N9030B	MY57140953	Jul. 02, 2020	Jul. 01, 2021
*Biconical antenna SCHWARZBECK	VHBB9124	9124-546	Jan. 14, 2019	Jan. 13, 2022
*LOG Antenna SCHWARZBECK	VUSLP 9111	9111-363	Jan. 14, 2019	Jan. 13, 2022
BILOG Antenna SCHWARZBECK	VULB9168	9168-155	Nov. 03, 2020	Nov. 02, 2021
HORN Antenna SCHWARZBECK	BBHA 9120D	9120D-1170	Nov. 24, 2019	Nov. 23, 2020
HORN Antenna ETS	3117	00034126	Nov. 24, 2019	Nov. 23, 2020
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 24, 2019	Nov. 23, 2020
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170243	Nov. 24, 2019	Nov. 23, 2020
Signal Generator	N5173B	MY53270724	Apr. 01, 2020	Mar. 31, 2021
Preamplifier Agilent (Below 1GHz)	8447D	2944A10631	Jun. 08, 2020	Jun. 07, 2021
Preamplifier KEYSIGHT (Above 1GHz)	83017A	MY53270295	Jun. 08, 2020	Jun. 07, 2021
Pre-amplifier (18GHz-40GHz) EMC	EMC184045B	980175	Sep. 04, 2020	Sep. 03, 2021
RF signal cable HUBER+SUHNER	SUCOFLEX 104	MY 13380+295012/04	Jun. 08, 2020	Jun. 07, 2021
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH4-03 (250724)	Jun. 08, 2020	Jun. 07, 2021
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	Aug. 16, 2020	Aug. 15, 2021
RF Coaxial Cable EMCI	EMC102-KM-KM-3000	150929	Aug. 16, 2020	Aug. 15, 2021
RF Coaxial Cable Rosnol	K1K50-UP0279-K1K50-3000	181129-1	Sep. 04, 2020	Sep. 03, 2021
Software BV ADT	ADT_Radiated_V7.6.15.9.5	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	010303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021703	NA	NA
Turn Table BV ADT	TT100	TT93021703	NA	NA
Turn Table Controller BV ADT	SC100	SC93021703	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
WIT Standard Temperature And Humidity Chamber	TH-4S-C	W981030	Jun. 01, 2020	May 31, 2021
JFW 20dB attenuation	50HF-020-SMA	NA	NA	NA
True RMS Clamp Meter Fluke	325	31130711WS	Jun. 06, 2020	Jun. 05, 2021

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

For Above 40GHz:

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer Keysight	N9030A	MY55330160	Feb. 07, 2020	Feb. 06, 2021
*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) Keysight	E8257DV15	SGX 050	CoC	CoC
Millimeter-Wave Signal Generator Frequency Extension Module (75~110 GHz) Keysight	E8257DV10	SGX 069	CoC	CoC
Millimeter-Wave Signal Generator Frequency Extension Module (110~170 GHz) Keysight	E8257DV06-DC9	SGX 223	CoC	CoC

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
PSG analog signal generator Keysight	E8257D	MY53401987	June 17, 2020	June 16, 2021
*Power Meter VDI	PM5	431V	Dec. 09, 2019	Dec. 08, 2021

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

4.2.4 Test Procedures

Equivalent Isotropic Radiated Power (EIRP) measurement s 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 v01 Section 4.2

Measurement Distance

EUT antenna of far field distance		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
Below 18GHz	0.07m	3m
18GHz to 40GHz	0.14m	2m
40GHz to 200GHz	0.14m to 0.72m	1m
Note: EUT Antenna Dimension is 23mm length, 4.2mm thick.		
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

4.2.5 Test Settings

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

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

c. Set spectrum analyzer detection mode to RMS

d. Span = 2x to 3x the OBW

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

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

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

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

i. The trace was allowed to stabilize.

Note:

1. EIRP measurements were taken at 1m 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 (dBμV/m) + 20log(D) – 104.8; where D is the measurement distance (in the far field region) in m. The field strength E is calculated E (dBμV/m) = Spectrum Analyzer Channel Power Level (dBm) + Antenna Factor (dB/m) + Cable Loss (dB) + 107.

4.2.6 Deviation from Test Standard

No deviation.

4.2.7 EUT Operating Conditions

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

4.2.8 Test Result

Module 0 (n260)

Band	n260	Beam ID	166
EUT position	X-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	20.70	43.00	-22.30
				1RB32	-52.83	23.15	43.00	-19.85
				1RB65	-52.83	21.32	43.00	-21.68
				Full RB	-52.83	20.00	43.00	-23.00
		2259997	38849.88	1RB0	-49.53	23.50	43.00	-19.50
				1RB32	-49.53	25.90	43.00	-17.10
				1RB65	-49.53	23.71	43.00	-19.29
				Full RB	-49.53	23.00	43.00	-20.00
		2278331	39949.92	1RB0	-49.31	23.62	43.00	-19.38
				1RB32	-49.31	26.00	43.00	-17.00
				1RB65	-49.31	23.16	43.00	-19.84
				Full RB	-49.31	23.10	43.00	-19.90
1CC	16QAM	2239997	37649.88	1RB0	-52.83	18.71	43.00	-24.29
				1RB32	-52.83	21.16	43.00	-21.84
				1RB65	-52.83	19.31	43.00	-23.69
				Full RB	-52.83	18.00	43.00	-25.00
		2259997	38849.88	1RB0	-49.53	21.29	43.00	-21.71
				1RB32	-49.53	23.68	43.00	-19.32
				1RB65	-49.53	21.69	43.00	-21.31
				Full RB	-49.53	21.00	43.00	-22.00
		2278331	39949.92	1RB0	-49.31	21.66	43.00	-21.34
				1RB32	-49.31	24.31	43.00	-18.69
				1RB65	-49.31	21.12	43.00	-21.88
				Full RB	-49.31	21.06	43.00	-21.94
1CC	64QAM	2239997	37649.88	1RB0	-52.83	15.69	43.00	-27.31
				1RB32	-52.83	18.22	43.00	-24.78
				1RB65	-52.83	16.36	43.00	-26.64
				Full RB	-52.83	15.10	43.00	-27.90
		2259997	38849.88	1RB0	-49.53	18.59	43.00	-24.41
				1RB32	-49.53	20.88	43.00	-22.12
				1RB65	-49.53	18.73	43.00	-24.27
				Full RB	-49.53	18.16	43.00	-24.84
		2278331	39949.92	1RB0	-49.31	18.71	43.00	-24.29
				1RB32	-49.31	21.06	43.00	-21.94
				1RB65	-49.31	18.16	43.00	-24.84
				Full RB	-49.31	18.13	43.00	-24.87

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	18.08	43.00	-24.92
				1RB32	-52.83	18.76	43.00	-24.24
				1RB65	-52.83	18.33	43.00	-24.67
				Full RB	-52.83	19.45	43.00	-23.55
		2259163+ 2260831	38850	1RB0	-49.53	22.43	43.00	-20.57
				1RB32	-49.53	22.12	43.00	-20.88
				1RB65	-49.53	22.05	43.00	-20.95
				Full RB	-49.53	22.65	43.00	-20.35
		2276663+ 2278331	39900	1RB0	-49.41	20.34	43.00	-22.66
				1RB32	-49.41	20.69	43.00	-22.31
				1RB65	-49.41	20.57	43.00	-22.43
				Full RB	-49.41	21.14	43.00	-21.86
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	16.03	43.00	-26.97
				1RB32	-52.83	16.77	43.00	-26.23
				1RB65	-52.83	16.39	43.00	-26.61
				Full RB	-52.83	17.49	43.00	-25.51
		2259163+ 2260831	38850	1RB0	-49.53	20.46	43.00	-22.54
				1RB32	-49.53	20.11	43.00	-22.89
				1RB65	-49.53	20.03	43.00	-22.97
				Full RB	-49.53	20.71	43.00	-22.29
		2276663+ 2278331	39900	1RB0	-49.41	18.31	43.00	-24.69
				1RB32	-49.41	18.69	43.00	-24.31
				1RB65	-49.41	18.66	43.00	-24.34
				Full RB	-49.41	19.19	43.00	-23.81
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	13.05	43.00	-29.95
				1RB32	-52.83	13.71	43.00	-29.29
				1RB65	-52.83	13.31	43.00	-29.69
				Full RB	-52.83	14.49	43.00	-28.51
		2259163+ 2260831	38850	1RB0	-49.53	17.40	43.00	-25.60
				1RB32	-49.53	17.26	43.00	-25.74
				1RB65	-49.53	17.01	43.00	-25.99
				Full RB	-49.53	17.69	43.00	-25.31
		2276663+ 2278331	39900	1RB0	-49.41	15.34	43.00	-27.66
				1RB32	-49.41	15.61	43.00	-27.39
				1RB65	-49.41	15.53	43.00	-27.47
				Full RB	-49.41	16.10	43.00	-26.90

Band	n260	Beam ID	155
EUT position	X-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	21.04	43.00	-21.96
				1RB32	-52.83	23.51	43.00	-19.49
				1RB65	-52.83	21.66	43.00	-21.34
				Full RB	-52.83	19.00	43.00	-24.00
		2259997	38849.88	1RB0	-49.53	24.17	43.00	-18.83
				1RB32	-49.53	24.70	43.00	-18.30
				1RB65	-49.53	24.48	43.00	-18.52
				Full RB	-49.53	22.41	43.00	-20.59
		2278331	39949.92	1RB0	-49.31	24.50	43.00	-18.50
				1RB32	-49.31	24.70	43.00	-18.30
				1RB65	-49.31	24.58	43.00	-18.42
				Full RB	-49.31	23.46	43.00	-19.54
1CC	16QAM	2239997	37649.88	1RB0	-52.83	19.01	43.00	-23.99
				1RB32	-52.83	21.51	43.00	-21.49
				1RB65	-52.83	19.68	43.00	-23.32
				Full RB	-52.83	17.00	43.00	-26.00
		2259997	38849.88	1RB0	-49.53	22.21	43.00	-20.79
				1RB32	-49.53	22.69	43.00	-20.31
				1RB65	-49.53	22.49	43.00	-20.51
				Full RB	-49.53	20.49	43.00	-22.51
		2278331	39949.92	1RB0	-49.31	22.53	43.00	-20.47
				1RB32	-49.31	22.70	43.00	-20.30
				1RB65	-49.31	22.51	43.00	-20.49
				Full RB	-49.31	21.49	43.00	-21.51
1CC	64QAM	2239997	37649.88	1RB0	-52.83	16.01	43.00	-26.99
				1RB32	-52.83	18.59	43.00	-24.41
				1RB65	-52.83	16.69	43.00	-26.31
				Full RB	-52.83	14.00	43.00	-29.00
		2259997	38849.88	1RB0	-49.53	19.16	43.00	-23.84
				1RB32	-49.53	19.71	43.00	-23.29
				1RB65	-49.53	19.40	43.00	-23.60
				Full RB	-49.53	17.41	43.00	-25.59
		2278331	39949.92	1RB0	-49.31	19.56	43.00	-23.44
				1RB32	-49.31	19.66	43.00	-23.34
				1RB65	-49.31	19.51	43.00	-23.49
				Full RB	-49.31	18.46	43.00	-24.54

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	18.46	43.00	-24.54
				1RB32	-52.83	18.70	43.00	-24.30
				1RB65	-52.83	18.53	43.00	-24.47
				Full RB	-52.83	19.26	43.00	-23.74
		2259163+ 2260831	38850	1RB0	-49.53	21.02	43.00	-21.98
				1RB32	-49.53	21.43	43.00	-21.57
				1RB65	-49.53	21.01	43.00	-21.99
				Full RB	-49.53	21.78	43.00	-21.22
		2276663+ 2278331	39900	1RB0	-49.41	23.14	43.00	-19.86
				1RB32	-49.41	23.34	43.00	-19.66
				1RB65	-49.41	23.09	43.00	-19.91
				Full RB	-49.41	23.62	43.00	-19.38
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	16.45	43.00	-26.55
				1RB32	-52.83	16.59	43.00	-26.41
				1RB65	-52.83	16.59	43.00	-26.41
				Full RB	-52.83	17.35	43.00	-25.65
		2259163+ 2260831	38850	1RB0	-49.53	19.03	43.00	-23.97
				1RB32	-49.53	19.44	43.00	-23.56
				1RB65	-49.53	19.15	43.00	-23.85
				Full RB	-49.53	19.59	43.00	-23.41
		2276663+ 2278331	39900	1RB0	-49.41	18.26	43.00	-24.74
				1RB32	-49.41	18.33	43.00	-24.67
				1RB65	-49.41	18.16	43.00	-24.84
				Full RB	-49.41	18.36	43.00	-24.64
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	13.41	43.00	-29.59
				1RB32	-52.83	13.79	43.00	-29.21
				1RB65	-52.83	13.65	43.00	-29.35
				Full RB	-52.83	14.29	43.00	-28.71
		2259163+ 2260831	38850	1RB0	-49.53	16.02	43.00	-26.98
				1RB32	-49.53	16.49	43.00	-26.51
				1RB65	-49.53	16.11	43.00	-26.89
				Full RB	-49.53	16.89	43.00	-26.11
		2276663+ 2278331	39900	1RB0	-49.41	18.10	43.00	-24.90
				1RB32	-49.41	18.31	43.00	-24.69
				1RB65	-49.41	18.09	43.00	-24.91
				Full RB	-49.41	18.99	43.00	-24.01

Band	n260	Beam ID	26
EUT position	X-plane	Receive Antenna polarization	Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	21.85	43.00	-21.15
				1RB32	-52.83	24.23	43.00	-18.77
				1RB65	-52.83	22.26	43.00	-20.74
				Full RB	-52.83	20.43	43.00	-22.57
		2259997	38849.88	1RB0	-49.53	22.67	43.00	-20.33
				1RB32	-49.53	24.93	43.00	-18.07
				1RB65	-49.53	23.00	43.00	-20.00
				Full RB	-49.53	21.70	43.00	-21.30
		2278331	39949.92	1RB0	-49.31	22.98	43.00	-20.02
				1RB32	-49.31	25.01	43.00	-17.99
				1RB65	-49.31	22.97	43.00	-20.03
				Full RB	-49.31	22.10	43.00	-20.90
1CC	16QAM	2239997	37649.88	1RB0	-52.83	19.81	43.00	-23.19
				1RB32	-52.83	22.19	43.00	-20.81
				1RB65	-52.83	20.26	43.00	-22.74
				Full RB	-52.83	18.49	43.00	-24.51
		2259997	38849.88	1RB0	-49.53	20.53	43.00	-22.47
				1RB32	-49.53	22.89	43.00	-20.11
				1RB65	-49.53	21.03	43.00	-21.97
				Full RB	-49.53	19.59	43.00	-23.41
		2278331	39949.92	1RB0	-49.31	20.89	43.00	-22.11
				1RB32	-49.31	23.00	43.00	-20.00
				1RB65	-49.31	20.91	43.00	-22.09
				Full RB	-49.31	20.10	43.00	-22.90
1CC	64QAM	2239997	37649.88	1RB0	-52.83	16.84	43.00	-26.16
				1RB32	-52.83	19.22	43.00	-23.78
				1RB65	-52.83	17.23	43.00	-25.77
				Full RB	-52.83	15.44	43.00	-27.56
		2259997	38849.88	1RB0	-49.53	17.65	43.00	-25.35
				1RB32	-49.53	19.91	43.00	-23.09
				1RB65	-49.53	18.00	43.00	-25.00
				Full RB	-49.53	16.59	43.00	-26.41
		2278331	39949.92	1RB0	-49.31	17.99	43.00	-25.01
				1RB32	-49.31	20.03	43.00	-22.97
				1RB65	-49.31	17.89	43.00	-25.11
				Full RB	-49.31	17.19	43.00	-25.81

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	17.35	43.00	-25.65
				1RB32	-52.83	17.46	43.00	-25.54
				1RB65	-52.83	17.64	43.00	-25.36
				Full RB	-52.83	17.84	43.00	-25.16
		2259163+ 2260831	38850	1RB0	-49.53	20.74	43.00	-22.26
				1RB32	-49.53	20.67	43.00	-22.33
				1RB65	-49.53	20.74	43.00	-22.26
				Full RB	-49.53	21.08	43.00	-21.92
		2276663+ 2278331	39900	1RB0	-49.41	20.59	43.00	-22.41
				1RB32	-49.41	20.41	43.00	-22.59
				1RB65	-49.41	20.56	43.00	-22.44
				Full RB	-49.41	20.68	43.00	-22.32
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	15.31	43.00	-27.69
				1RB32	-52.83	15.42	43.00	-27.58
				1RB65	-52.83	15.69	43.00	-27.31
				Full RB	-52.83	15.78	43.00	-27.22
		2259163+ 2260831	38850	1RB0	-49.53	18.71	43.00	-24.29
				1RB32	-49.53	18.69	43.00	-24.31
				1RB65	-49.53	18.71	43.00	-24.29
				Full RB	-49.53	19.26	43.00	-23.74
		2276663+ 2278331	39900	1RB0	-49.41	18.60	43.00	-24.40
				1RB32	-49.41	18.42	43.00	-24.58
				1RB65	-49.41	18.55	43.00	-24.45
				Full RB	-49.41	18.79	43.00	-24.21
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	12.39	43.00	-30.61
				1RB32	-52.83	12.49	43.00	-30.51
				1RB65	-52.83	12.66	43.00	-30.34
				Full RB	-52.83	12.81	43.00	-30.19
		2259163+ 2260831	38850	1RB0	-49.53	15.77	43.00	-27.23
				1RB32	-49.53	15.61	43.00	-27.39
				1RB65	-49.53	15.89	43.00	-27.11
				Full RB	-49.53	16.01	43.00	-26.99
		2276663+ 2278331	39900	1RB0	-49.41	15.51	43.00	-27.49
				1RB32	-49.41	15.48	43.00	-27.52
				1RB65	-49.41	15.60	43.00	-27.40
				Full RB	-49.41	15.69	43.00	-27.31

Band	n260	Beam ID	27
EUT position	X-plane	Receive Antenna polarization	Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	20.53	43.00	-22.47
				1RB32	-52.83	22.97	43.00	-20.03
				1RB65	-52.83	21.00	43.00	-22.00
				Full RB	-52.83	18.36	43.00	-24.64
		2259997	38849.88	1RB0	-49.53	22.65	43.00	-20.35
				1RB32	-49.53	24.70	43.00	-18.30
				1RB65	-49.53	22.93	43.00	-20.07
				Full RB	-49.53	20.85	43.00	-22.15
		2278331	39949.92	1RB0	-49.31	22.15	43.00	-20.85
				1RB32	-49.31	24.35	43.00	-18.65
				1RB65	-49.31	22.16	43.00	-20.84
				Full RB	-49.31	20.60	43.00	-22.40
1CC	16QAM	2239997	37649.88	1RB0	-52.83	18.51	43.00	-24.49
				1RB32	-52.83	20.96	43.00	-22.04
				1RB65	-52.83	19.16	43.00	-23.84
				Full RB	-52.83	16.66	43.00	-26.34
		2259997	38849.88	1RB0	-49.53	20.61	43.00	-22.39
				1RB32	-49.53	22.71	43.00	-20.29
				1RB65	-49.53	20.89	43.00	-22.11
				Full RB	-49.53	18.81	43.00	-24.19
		2278331	39949.92	1RB0	-49.31	20.10	43.00	-22.90
				1RB32	-49.31	22.36	43.00	-20.64
				1RB65	-49.31	20.19	43.00	-22.81
				Full RB	-49.31	18.66	43.00	-24.34
1CC	64QAM	2239997	37649.88	1RB0	-52.83	15.56	43.00	-27.44
				1RB32	-52.83	17.89	43.00	-25.11
				1RB65	-52.83	16.00	43.00	-27.00
				Full RB	-52.83	13.39	43.00	-29.61
		2259997	38849.88	1RB0	-49.53	17.66	43.00	-25.34
				1RB32	-49.53	19.79	43.00	-23.21
				1RB65	-49.53	17.89	43.00	-25.11
				Full RB	-49.53	15.81	43.00	-27.19
		2278331	39949.92	1RB0	-49.31	17.10	43.00	-25.90
				1RB32	-49.31	19.32	43.00	-23.68
				1RB65	-49.31	17.20	43.00	-25.80
				Full RB	-49.31	15.69	43.00	-27.31

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	18.02	43.00	-24.98
				1RB32	-52.83	17.58	43.00	-25.42
				1RB65	-52.83	17.55	43.00	-25.45
				Full RB	-52.83	18.59	43.00	-24.41
		2259163+ 2260831	38850	1RB0	-49.53	20.45	43.00	-22.55
				1RB32	-49.53	20.68	43.00	-22.32
				1RB65	-49.53	20.24	43.00	-22.76
				Full RB	-49.53	21.36	43.00	-21.64
		2276663+ 2278331	39900	1RB0	-49.41	20.68	43.00	-22.32
				1RB32	-49.41	20.39	43.00	-22.61
				1RB65	-49.41	20.49	43.00	-22.51
				Full RB	-49.41	21.49	43.00	-21.51
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	16.01	43.00	-26.99
				1RB32	-52.83	15.59	43.00	-27.41
				1RB65	-52.83	15.65	43.00	-27.35
				Full RB	-52.83	16.61	43.00	-26.39
		2259163+ 2260831	38850	1RB0	-49.53	18.43	43.00	-24.57
				1RB32	-49.53	18.61	43.00	-24.39
				1RB65	-49.53	18.21	43.00	-24.79
				Full RB	-49.53	19.31	43.00	-23.69
		2276663+ 2278331	39900	1RB0	-49.41	18.67	43.00	-24.33
				1RB32	-49.41	18.39	43.00	-24.61
				1RB65	-49.41	18.49	43.00	-24.51
				Full RB	-49.41	19.50	43.00	-23.50
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	13.02	43.00	-29.98
				1RB32	-52.83	12.51	43.00	-30.49
				1RB65	-52.83	12.53	43.00	-30.47
				Full RB	-52.83	13.21	43.00	-29.79
		2259163+ 2260831	38850	1RB0	-49.53	15.42	43.00	-27.58
				1RB32	-49.53	15.63	43.00	-27.37
				1RB65	-49.53	15.20	43.00	-27.80
				Full RB	-49.53	16.31	43.00	-26.69
		2276663+ 2278331	39900	1RB0	-49.41	15.63	43.00	-27.37
				1RB32	-49.41	15.31	43.00	-27.69
				1RB65	-49.41	15.99	43.00	-27.01
				Full RB	-49.41	16.59	43.00	-26.41

Band	n260	Beam ID	27+155
EUT position	X-plane	Receive Antenna polarization	Horizontal+Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					27	155	27+155		
1CC	QPSK	2239997	37649.88	1RB0	20.53	21.04	23.80	43.00	-19.20
				1RB32	22.97	23.51	26.26	43.00	-16.74
				1RB65	21.00	21.66	24.35	43.00	-18.65
				Full RB	18.36	19.00	21.70	43.00	-21.30
		2259997	38849.88	1RB0	22.65	24.17	26.49	43.00	-16.51
				1RB32	24.70	24.70	27.71	43.00	-15.29
				1RB65	22.93	24.48	26.78	43.00	-16.22
				Full RB	20.85	22.41	24.71	43.00	-18.29
		2278331	39949.92	1RB0	22.15	24.50	26.49	43.00	-16.51
				1RB32	24.35	24.70	27.54	43.00	-15.46
				1RB65	22.16	24.58	26.55	43.00	-16.45
				Full RB	20.60	23.46	25.27	43.00	-17.73
1CC	16QAM	2239997	37649.88	1RB0	18.51	19.01	21.78	43.00	-21.22
				1RB32	20.96	21.51	24.25	43.00	-18.75
				1RB65	19.16	19.68	22.44	43.00	-20.56
				Full RB	16.66	17.00	19.84	43.00	-23.16
		2259997	38849.88	1RB0	20.61	22.21	24.49	43.00	-18.51
				1RB32	22.71	22.69	25.71	43.00	-17.29
				1RB65	20.89	22.49	24.77	43.00	-18.23
				Full RB	18.81	20.49	22.74	43.00	-20.26
		2278331	39949.92	1RB0	20.10	22.53	24.49	43.00	-18.51
				1RB32	22.36	22.70	25.54	43.00	-17.46
				1RB65	20.19	22.51	24.51	43.00	-18.49
				Full RB	18.66	21.49	23.31	43.00	-19.69
1CC	64QAM	2239997	37649.88	1RB0	15.56	16.01	18.80	43.00	-24.20
				1RB32	17.89	18.59	21.26	43.00	-21.74
				1RB65	16.00	16.69	19.37	43.00	-23.63
				Full RB	13.39	14.00	16.72	43.00	-26.28
		2259997	38849.88	1RB0	17.66	19.16	21.48	43.00	-21.52
				1RB32	19.79	19.71	22.76	43.00	-20.24
				1RB65	17.89	19.40	21.72	43.00	-21.28
				Full RB	15.81	17.41	19.69	43.00	-23.31
		2278331	39949.92	1RB0	17.10	19.56	21.51	43.00	-21.49
				1RB32	19.32	19.66	22.50	43.00	-20.50
				1RB65	17.20	19.51	21.52	43.00	-21.48
				Full RB	15.69	18.46	20.30	43.00	-22.70

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					27	155	27+155		
2CC	QPSK	2240001+ 2241671	37700	1RB0	18.02	18.46	21.26	43.00	-21.74
				1RB32	17.58	18.70	21.19	43.00	-21.81
				1RB65	17.55	18.53	21.08	43.00	-21.92
				Full RB	18.59	19.26	21.95	43.00	-21.05
		2259163+ 2260831	38850	1RB0	20.45	21.02	23.75	43.00	-19.25
				1RB32	20.68	21.43	24.08	43.00	-18.92
				1RB65	20.24	21.01	23.65	43.00	-19.35
				Full RB	21.36	21.78	24.59	43.00	-18.41
		2276663+ 2278331	39900	1RB0	20.68	23.14	25.09	43.00	-17.91
				1RB32	20.39	23.34	25.12	43.00	-17.88
				1RB65	20.49	23.09	24.99	43.00	-18.01
				Full RB	21.49	23.62	25.69	43.00	-17.31
2CC	16QAM	2240001+ 2241671	37700	1RB0	16.01	16.45	19.25	43.00	-23.75
				1RB32	15.59	16.59	19.13	43.00	-23.87
				1RB65	15.65	16.59	19.16	43.00	-23.84
				Full RB	16.61	17.35	20.01	43.00	-22.99
		2259163+ 2260831	38850	1RB0	18.43	19.03	21.75	43.00	-21.25
				1RB32	18.61	19.44	22.06	43.00	-20.94
				1RB65	18.21	19.15	21.72	43.00	-21.28
				Full RB	19.31	19.59	22.46	43.00	-20.54
		2276663+ 2278331	39900	1RB0	18.67	18.26	21.48	43.00	-21.52
				1RB32	18.39	18.33	21.37	43.00	-21.63
				1RB65	18.49	18.16	21.34	43.00	-21.66
				Full RB	19.50	18.36	21.98	43.00	-21.02
2CC	64QAM	2240001+ 2241671	37700	1RB0	13.02	13.41	16.23	43.00	-26.77
				1RB32	12.51	13.79	16.21	43.00	-26.79
				1RB65	12.53	13.65	16.14	43.00	-26.86
				Full RB	13.21	14.29	16.79	43.00	-26.21
		2259163+ 2260831	38850	1RB0	15.42	16.02	18.74	43.00	-24.26
				1RB32	15.63	16.49	19.09	43.00	-23.91
				1RB65	15.20	16.11	18.69	43.00	-24.31
				Full RB	16.31	16.89	19.62	43.00	-23.38
		2276663+ 2278331	39900	1RB0	15.63	18.10	20.05	43.00	-22.95
				1RB32	15.31	18.31	20.07	43.00	-22.93
				1RB65	15.99	18.09	20.18	43.00	-22.82
				Full RB	16.59	18.99	20.96	43.00	-22.04

Module 1 (n260)

Band	n260	Beam ID	161
EUT position	X-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	23.25	43.00	-19.75
				1RB32	-52.83	24.16	43.00	-18.84
				1RB65	-52.83	23.31	43.00	-19.69
				Full RB	-52.83	23.97	43.00	-19.03
		2259997	38849.88	1RB0	-49.53	24.28	43.00	-18.72
				1RB32	-49.53	25.15	43.00	-17.85
				1RB65	-49.53	24.35	43.00	-18.65
				Full RB	-49.53	24.07	43.00	-18.93
		2278331	39949.92	1RB0	-49.31	23.30	43.00	-19.70
				1RB32	-49.31	24.28	43.00	-18.72
				1RB65	-49.31	24.42	43.00	-18.58
				Full RB	-49.31	24.18	43.00	-18.82
1CC	16QAM	2239997	37649.88	1RB0	-52.83	21.21	43.00	-21.79
				1RB32	-52.83	22.13	43.00	-20.87
				1RB65	-52.83	21.29	43.00	-21.71
				Full RB	-52.83	21.89	43.00	-21.11
		2259997	38849.88	1RB0	-49.53	22.23	43.00	-20.77
				1RB32	-49.53	23.12	43.00	-19.88
				1RB65	-49.53	22.39	43.00	-20.61
				Full RB	-49.53	22.07	43.00	-20.93
		2278331	39949.92	1RB0	-49.31	21.31	43.00	-21.69
				1RB32	-49.31	22.29	43.00	-20.71
				1RB65	-49.31	22.45	43.00	-20.55
				Full RB	-49.31	22.18	43.00	-20.82
1CC	64QAM	2239997	37649.88	1RB0	-52.83	19.26	43.00	-23.74
				1RB32	-52.83	19.19	43.00	-23.81
				1RB65	-52.83	18.33	43.00	-24.67
				Full RB	-52.83	18.92	43.00	-24.08
		2259997	38849.88	1RB0	-49.53	19.24	43.00	-23.76
				1RB32	-49.53	20.15	43.00	-22.85
				1RB65	-49.53	19.34	43.00	-23.66
				Full RB	-49.53	19.07	43.00	-23.93
		2278331	39949.92	1RB0	-49.31	18.30	43.00	-24.70
				1RB32	-49.31	19.29	43.00	-23.71
				1RB65	-49.31	19.51	43.00	-23.49
				Full RB	-49.31	19.20	43.00	-23.80

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	17.35	43.00	-25.65
				1RB32	-52.83	17.32	43.00	-25.68
				1RB65	-52.83	17.99	43.00	-25.01
				Full RB	-52.83	18.41	43.00	-24.59
		2259163+ 2260831	38850	1RB0	-49.53	20.66	43.00	-22.34
				1RB32	-49.53	20.63	43.00	-22.37
				1RB65	-49.53	20.59	43.00	-22.41
				Full RB	-49.53	22.24	43.00	-20.76
		2276663+ 2278331	39900	1RB0	-49.41	20.89	43.00	-22.11
				1RB32	-49.41	20.64	43.00	-22.36
				1RB65	-49.41	20.77	43.00	-22.23
				Full RB	-49.41	21.81	43.00	-21.19
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	15.31	43.00	-27.69
				1RB32	-52.83	15.39	43.00	-27.61
				1RB65	-52.83	15.89	43.00	-27.11
				Full RB	-52.83	16.61	43.00	-26.39
		2259163+ 2260831	38850	1RB0	-49.53	18.61	43.00	-24.39
				1RB32	-49.53	18.69	43.00	-24.31
				1RB65	-49.53	18.53	43.00	-24.47
				Full RB	-49.53	20.29	43.00	-22.71
		2276663+ 2278331	39900	1RB0	-49.41	18.81	43.00	-24.19
				1RB32	-49.41	18.69	43.00	-24.31
				1RB65	-49.41	18.71	43.00	-24.29
				Full RB	-49.41	19.89	43.00	-23.11
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	12.35	43.00	-30.65
				1RB32	-52.83	12.39	43.00	-30.61
				1RB65	-52.83	13.21	43.00	-29.79
				Full RB	-52.83	13.59	43.00	-29.41
		2259163+ 2260831	38850	1RB0	-49.53	15.69	43.00	-27.31
				1RB32	-49.53	15.61	43.00	-27.39
				1RB65	-49.53	15.51	43.00	-27.49
				Full RB	-49.53	17.31	43.00	-25.69
		2276663+ 2278331	39900	1RB0	-49.41	15.81	43.00	-27.19
				1RB32	-49.41	15.61	43.00	-27.39
				1RB65	-49.41	15.88	43.00	-27.12
				Full RB	-49.41	16.87	43.00	-26.13

Band	n260	Beam ID	148
EUT position	X-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	21.36	43.00	-21.64
				1RB32	-52.83	22.45	43.00	-20.55
				1RB65	-52.83	21.40	43.00	-21.60
				Full RB	-52.83	21.51	43.00	-21.49
		2259997	38849.88	1RB0	-49.53	23.07	43.00	-19.93
				1RB32	-49.53	24.28	43.00	-18.72
				1RB65	-49.53	23.19	43.00	-19.81
				Full RB	-49.53	23.26	43.00	-19.74
		2278331	39949.92	1RB0	-49.31	21.30	43.00	-21.70
				1RB32	-49.31	22.42	43.00	-20.58
				1RB65	-49.31	21.35	43.00	-21.65
				Full RB	-49.31	21.38	43.00	-21.62
1CC	16QAM	2239997	37649.88	1RB0	-52.83	19.36	43.00	-23.64
				1RB32	-52.83	20.44	43.00	-22.56
				1RB65	-52.83	19.38	43.00	-23.62
				Full RB	-52.83	19.50	43.00	-23.50
		2259997	38849.88	1RB0	-49.53	21.05	43.00	-21.95
				1RB32	-49.53	22.19	43.00	-20.81
				1RB65	-49.53	21.18	43.00	-21.82
				Full RB	-49.53	21.32	43.00	-21.68
		2278331	39949.92	1RB0	-49.31	19.26	43.00	-23.74
				1RB32	-49.31	20.44	43.00	-22.56
				1RB65	-49.31	19.35	43.00	-23.65
				Full RB	-49.31	19.36	43.00	-23.64
1CC	64QAM	2239997	37649.88	1RB0	-52.83	16.33	43.00	-26.67
				1RB32	-52.83	17.46	43.00	-25.54
				1RB65	-52.83	16.49	43.00	-26.51
				Full RB	-52.83	16.51	43.00	-26.49
		2259997	38849.88	1RB0	-49.53	18.06	43.00	-24.94
				1RB32	-49.53	19.22	43.00	-23.78
				1RB65	-49.53	18.16	43.00	-24.84
				Full RB	-49.53	18.33	43.00	-24.67
		2278331	39949.92	1RB0	-49.31	16.31	43.00	-26.69
				1RB32	-49.31	17.49	43.00	-25.51
				1RB65	-49.31	16.39	43.00	-26.61
				Full RB	-49.31	16.33	43.00	-26.67

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	15.81	43.00	-27.19
				1RB32	-52.83	15.65	43.00	-27.35
				1RB65	-52.83	15.45	43.00	-27.55
				Full RB	-52.83	16.90	43.00	-26.10
		2259163+ 2260831	38850	1RB0	-49.53	19.31	43.00	-23.69
				1RB32	-49.53	19.26	43.00	-23.74
				1RB65	-49.53	19.16	43.00	-23.84
				Full RB	-49.53	20.58	43.00	-22.42
		2276663+ 2278331	39900	1RB0	-49.41	19.08	43.00	-23.92
				1RB32	-49.41	19.15	43.00	-23.85
				1RB65	-49.41	19.35	43.00	-23.65
				Full RB	-49.41	20.41	43.00	-22.59
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	13.88	43.00	-29.12
				1RB32	-52.83	13.65	43.00	-29.35
				1RB65	-52.83	13.56	43.00	-29.44
				Full RB	-52.83	14.92	43.00	-28.08
		2259163+ 2260831	38850	1RB0	-49.53	17.33	43.00	-25.67
				1RB32	-49.53	17.39	43.00	-25.61
				1RB65	-49.53	17.21	43.00	-25.79
				Full RB	-49.53	18.51	43.00	-24.49
		2276663+ 2278331	39900	1RB0	-49.41	17.06	43.00	-25.94
				1RB32	-49.41	17.11	43.00	-25.89
				1RB65	-49.41	17.45	43.00	-25.55
				Full RB	-49.41	18.65	43.00	-24.35
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	10.81	43.00	-32.19
				1RB32	-52.83	10.66	43.00	-32.34
				1RB65	-52.83	10.59	43.00	-32.41
				Full RB	-52.83	11.93	43.00	-31.07
		2259163+ 2260831	38850	1RB0	-49.53	14.39	43.00	-28.61
				1RB32	-49.53	14.35	43.00	-28.65
				1RB65	-49.53	14.26	43.00	-28.74
				Full RB	-49.53	15.51	43.00	-27.49
		2276663+ 2278331	39900	1RB0	-49.41	14.08	43.00	-28.92
				1RB32	-49.41	14.19	43.00	-28.81
				1RB65	-49.41	14.33	43.00	-28.67
				Full RB	-49.41	15.69	43.00	-27.31

Band	n260	Beam ID	20
EUT position	X-plane	Receive Antenna polarization	Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	23.38	43.00	-19.62
				1RB32	-52.83	24.49	43.00	-18.51
				1RB65	-52.83	23.40	43.00	-19.60
				Full RB	-52.83	20.76	43.00	-22.24
		2259997	38849.88	1RB0	-49.53	25.38	43.00	-17.62
				1RB32	-49.53	26.59	43.00	-16.41
				1RB65	-49.53	25.55	43.00	-17.45
				Full RB	-49.53	22.96	43.00	-20.04
		2278331	39949.92	1RB0	-49.31	24.36	43.00	-18.64
				1RB32	-49.31	25.41	43.00	-17.59
				1RB65	-49.31	24.39	43.00	-18.61
				Full RB	-49.31	21.69	43.00	-21.31
1CC	16QAM	2239997	37649.88	1RB0	-52.83	21.39	43.00	-21.61
				1RB32	-52.83	22.49	43.00	-20.51
				1RB65	-52.83	21.43	43.00	-21.57
				Full RB	-52.83	18.76	43.00	-24.24
		2259997	38849.88	1RB0	-49.53	23.39	43.00	-19.61
				1RB32	-49.53	24.61	43.00	-18.39
				1RB65	-49.53	23.51	43.00	-19.49
				Full RB	-49.53	20.93	43.00	-22.07
		2278331	39949.92	1RB0	-49.31	22.35	43.00	-20.65
				1RB32	-49.31	23.44	43.00	-19.56
				1RB65	-49.31	22.34	43.00	-20.66
				Full RB	-49.31	19.65	43.00	-23.35
1CC	64QAM	2239997	37649.88	1RB0	-52.83	18.38	43.00	-24.62
				1RB32	-52.83	19.42	43.00	-23.58
				1RB65	-52.83	18.46	43.00	-24.54
				Full RB	-52.83	15.69	43.00	-27.31
		2259997	38849.88	1RB0	-49.53	20.35	43.00	-22.65
				1RB32	-49.53	21.49	43.00	-21.51
				1RB65	-49.53	20.56	43.00	-22.44
				Full RB	-49.53	17.99	43.00	-25.01
		2278331	39949.92	1RB0	-49.31	19.33	43.00	-23.67
				1RB32	-49.31	20.49	43.00	-22.51
				1RB65	-49.31	19.34	43.00	-23.66
				Full RB	-49.31	16.66	43.00	-26.34

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	17.51	43.00	-25.49
				1RB32	-52.83	17.36	43.00	-25.64
				1RB65	-52.83	17.16	43.00	-25.84
				Full RB	-52.83	18.01	43.00	-24.99
		2259163+ 2260831	38850	1RB0	-49.53	20.46	43.00	-22.54
				1RB32	-49.53	20.89	43.00	-22.11
				1RB65	-49.53	20.57	43.00	-22.43
				Full RB	-49.53	21.89	43.00	-21.11
		2276663+ 2278331	39900	1RB0	-49.41	20.19	43.00	-22.81
				1RB32	-49.41	20.26	43.00	-22.74
				1RB65	-49.41	20.44	43.00	-22.56
				Full RB	-49.41	21.48	43.00	-21.52
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	15.55	43.00	-27.45
				1RB32	-52.83	15.39	43.00	-27.61
				1RB65	-52.83	15.21	43.00	-27.79
				Full RB	-52.83	16.16	43.00	-26.84
		2259163+ 2260831	38850	1RB0	-49.53	18.42	43.00	-24.58
				1RB32	-49.53	18.88	43.00	-24.12
				1RB65	-49.53	18.56	43.00	-24.44
				Full RB	-49.53	19.81	43.00	-23.19
		2276663+ 2278331	39900	1RB0	-49.41	18.16	43.00	-24.84
				1RB32	-49.41	18.30	43.00	-24.70
				1RB65	-49.41	18.41	43.00	-24.59
				Full RB	-49.41	19.44	43.00	-23.56
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	12.59	43.00	-30.41
				1RB32	-52.83	12.35	43.00	-30.65
				1RB65	-52.83	12.19	43.00	-30.81
				Full RB	-52.83	13.06	43.00	-29.94
		2259163+ 2260831	38850	1RB0	-49.53	15.44	43.00	-27.56
				1RB32	-49.53	15.89	43.00	-27.11
				1RB65	-49.53	15.62	43.00	-27.38
				Full RB	-49.53	16.90	43.00	-26.10
		2276663+ 2278331	39900	1RB0	-49.41	15.23	43.00	-27.77
				1RB32	-49.41	15.30	43.00	-27.70
				1RB65	-49.41	15.51	43.00	-27.49
				Full RB	-49.41	16.49	43.00	-26.51

Band	n260	Beam ID	35
EUT position	X-plane	Receive Antenna polarization	Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	24.44	43.00	-18.56
				1RB32	-52.83	25.68	43.00	-17.32
				1RB65	-52.83	24.83	43.00	-18.17
				Full RB	-52.83	20.33	43.00	-22.67
		2259997	38849.88	1RB0	-49.53	25.50	43.00	-17.50
				1RB32	-49.53	26.76	43.00	-16.24
				1RB65	-49.53	25.62	43.00	-17.38
				Full RB	-49.53	22.45	43.00	-20.55
		2278331	39949.92	1RB0	-49.31	25.63	43.00	-17.37
				1RB32	-49.31	26.60	43.00	-16.40
				1RB65	-49.31	25.35	43.00	-17.65
				Full RB	-49.31	21.95	43.00	-21.05
1CC	16QAM	2239997	37649.88	1RB0	-52.83	22.41	43.00	-20.59
				1RB32	-52.83	23.65	43.00	-19.35
				1RB65	-52.83	22.81	43.00	-20.19
				Full RB	-52.83	18.31	43.00	-24.69
		2259997	38849.88	1RB0	-49.53	23.26	43.00	-19.74
				1RB32	-49.53	24.75	43.00	-18.25
				1RB65	-49.53	23.66	43.00	-19.34
				Full RB	-49.53	20.45	43.00	-22.55
		2278331	39949.92	1RB0	-49.31	23.69	43.00	-19.31
				1RB32	-49.31	24.59	43.00	-18.41
				1RB65	-49.31	23.33	43.00	-19.67
				Full RB	-49.31	19.91	43.00	-23.09
1CC	64QAM	2239997	37649.88	1RB0	-52.83	19.45	43.00	-23.55
				1RB32	-52.83	20.68	43.00	-22.32
				1RB65	-52.83	19.88	43.00	-23.12
				Full RB	-52.83	15.31	43.00	-27.69
		2259997	38849.88	1RB0	-49.53	20.51	43.00	-22.49
				1RB32	-49.53	21.69	43.00	-21.31
				1RB65	-49.53	20.66	43.00	-22.34
				Full RB	-49.53	17.44	43.00	-25.56
		2278331	39949.92	1RB0	-49.31	20.65	43.00	-22.35
				1RB32	-49.31	21.45	43.00	-21.55
				1RB65	-49.31	20.33	43.00	-22.67
				Full RB	-49.31	16.87	43.00	-26.13

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	16.89	43.00	-26.11
				1RB32	-52.83	17.16	43.00	-25.84
				1RB65	-52.83	17.03	43.00	-25.97
				Full RB	-52.83	17.73	43.00	-25.27
		2259163+ 2260831	38850	1RB0	-49.53	19.89	43.00	-23.11
				1RB32	-49.53	20.00	43.00	-23.00
				1RB65	-49.53	20.16	43.00	-22.84
				Full RB	-49.53	21.31	43.00	-21.69
		2276663+ 2278331	39900	1RB0	-49.41	19.23	43.00	-23.77
				1RB32	-49.41	19.56	43.00	-23.44
				1RB65	-49.41	19.69	43.00	-23.31
				Full RB	-49.41	20.87	43.00	-22.13
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	14.88	43.00	-28.12
				1RB32	-52.83	15.26	43.00	-27.74
				1RB65	-52.83	15.31	43.00	-27.69
				Full RB	-52.83	15.71	43.00	-27.29
		2259163+ 2260831	38850	1RB0	-49.53	17.89	43.00	-25.11
				1RB32	-49.53	18.16	43.00	-24.84
				1RB65	-49.53	18.19	43.00	-24.81
				Full RB	-49.53	19.36	43.00	-23.64
		2276663+ 2278331	39900	1RB0	-49.41	17.21	43.00	-25.79
				1RB32	-49.41	17.55	43.00	-25.45
				1RB65	-49.41	17.61	43.00	-25.39
				Full RB	-49.41	18.91	43.00	-24.09
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	11.87	43.00	-31.13
				1RB32	-52.83	12.31	43.00	-30.69
				1RB65	-52.83	12.16	43.00	-30.84
				Full RB	-52.83	12.77	43.00	-30.23
		2259163+ 2260831	38850	1RB0	-49.53	14.81	43.00	-28.19
				1RB32	-49.53	15.00	43.00	-28.00
				1RB65	-49.53	15.15	43.00	-27.85
				Full RB	-49.53	16.30	43.00	-26.70
		2276663+ 2278331	39900	1RB0	-49.41	14.29	43.00	-28.71
				1RB32	-49.41	14.70	43.00	-28.30
				1RB65	-49.41	14.71	43.00	-28.29
				Full RB	-49.41	15.95	43.00	-27.05

Band	n260	Beam ID	20+148
EUT position	X-plane	Receive Antenna polarization	Horizontal+Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					20	148	20+148		
1CC	QPSK	2239997	37649.88	1RB0	23.38	21.36	25.50	43.00	-17.50
				1RB32	24.49	22.45	26.60	43.00	-16.40
				1RB65	23.40	21.40	25.52	43.00	-17.48
				Full RB	20.76	21.51	24.16	43.00	-18.84
		2259997	38849.88	1RB0	25.38	23.07	27.39	43.00	-15.61
				1RB32	26.59	24.28	28.60	43.00	-14.40
				1RB65	25.55	23.19	27.54	43.00	-15.46
				Full RB	22.96	23.26	26.12	43.00	-16.88
		2278331	39949.92	1RB0	24.36	21.30	26.10	43.00	-16.90
				1RB32	25.41	22.42	27.18	43.00	-15.82
				1RB65	24.39	21.35	26.14	43.00	-16.86
				Full RB	21.69	21.38	24.55	43.00	-18.45
1CC	16QAM	2239997	37649.88	1RB0	21.39	19.36	23.50	43.00	-19.50
				1RB32	22.49	20.44	24.60	43.00	-18.40
				1RB65	21.43	19.38	23.54	43.00	-19.46
				Full RB	18.76	19.50	22.16	43.00	-20.84
		2259997	38849.88	1RB0	23.39	21.05	25.39	43.00	-17.61
				1RB32	24.61	22.19	26.58	43.00	-16.42
				1RB65	23.51	21.18	25.51	43.00	-17.49
				Full RB	20.93	21.32	24.14	43.00	-18.86
		2278331	39949.92	1RB0	22.35	19.26	24.08	43.00	-18.92
				1RB32	23.44	20.44	25.20	43.00	-17.80
				1RB65	22.34	19.35	24.11	43.00	-18.89
				Full RB	19.65	19.36	22.52	43.00	-20.48
1CC	64QAM	2239997	37649.88	1RB0	18.38	16.33	20.49	43.00	-22.51
				1RB32	19.42	17.46	21.56	43.00	-21.44
				1RB65	18.46	16.49	20.60	43.00	-22.40
				Full RB	15.69	16.51	19.13	43.00	-23.87
		2259997	38849.88	1RB0	20.35	18.06	22.36	43.00	-20.64
				1RB32	21.49	19.22	23.51	43.00	-19.49
				1RB65	20.56	18.16	22.53	43.00	-20.47
				Full RB	17.99	18.33	21.17	43.00	-21.83
		2278331	39949.92	1RB0	19.33	16.31	21.09	43.00	-21.91
				1RB32	20.49	17.49	22.25	43.00	-20.75
				1RB65	19.34	16.39	21.12	43.00	-21.88
				Full RB	16.66	16.33	19.51	43.00	-23.49

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					20	148	20+148		
2CC	QPSK	2240001+ 2241671	37700	1RB0	17.51	15.81	19.75	43.00	-23.25
				1RB32	17.36	15.65	19.60	43.00	-23.40
				1RB65	17.16	15.45	19.40	43.00	-23.60
				Full RB	18.01	16.90	20.50	43.00	-22.50
		2259163+ 2260831	38850	1RB0	20.46	19.31	22.93	43.00	-20.07
				1RB32	20.89	19.26	23.16	43.00	-19.84
				1RB65	20.57	19.16	22.93	43.00	-20.07
				Full RB	21.89	20.58	24.29	43.00	-18.71
		2276663+ 2278331	39900	1RB0	20.19	19.08	22.68	43.00	-20.32
				1RB32	20.26	19.15	22.75	43.00	-20.25
				1RB65	20.44	19.35	22.94	43.00	-20.06
				Full RB	21.48	20.41	23.99	43.00	-19.01
2CC	16QAM	2240001+ 2241671	37700	1RB0	15.55	13.88	17.81	43.00	-25.19
				1RB32	15.39	13.65	17.62	43.00	-25.38
				1RB65	15.21	13.56	17.47	43.00	-25.53
				Full RB	16.16	14.92	18.59	43.00	-24.41
		2259163+ 2260831	38850	1RB0	18.42	17.33	20.92	43.00	-22.08
				1RB32	18.88	17.39	21.21	43.00	-21.79
				1RB65	18.56	17.21	20.95	43.00	-22.05
				Full RB	19.81	18.51	22.22	43.00	-20.78
		2276663+ 2278331	39900	1RB0	18.16	17.06	20.66	43.00	-22.34
				1RB32	18.30	17.11	20.76	43.00	-22.24
				1RB65	18.41	17.45	20.97	43.00	-22.03
				Full RB	19.44	18.65	22.07	43.00	-20.93
2CC	64QAM	2240001+ 2241671	37700	1RB0	12.59	10.81	14.80	43.00	-28.20
				1RB32	12.35	10.66	14.60	43.00	-28.40
				1RB65	12.19	10.59	14.47	43.00	-28.53
				Full RB	13.06	11.93	15.54	43.00	-27.46
		2259163+ 2260831	38850	1RB0	15.44	14.39	17.96	43.00	-25.04
				1RB32	15.89	14.35	18.20	43.00	-24.80
				1RB65	15.62	14.26	18.00	43.00	-25.00
				Full RB	16.90	15.51	19.27	43.00	-23.73
		2276663+ 2278331	39900	1RB0	15.23	14.08	17.70	43.00	-25.30
				1RB32	15.30	14.19	17.79	43.00	-25.21
				1RB65	15.51	14.33	17.97	43.00	-25.03
				Full RB	16.49	15.69	19.12	43.00	-23.88

Module 2 (n260)

Band	n260	Beam ID	170
EUT position	Y-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	26.08	43.00	-16.92
				1RB32	-52.83	27.11	43.00	-15.89
				1RB65	-52.83	26.23	43.00	-16.77
				Full RB	-52.83	23.86	43.00	-19.14
		2259997	38849.88	1RB0	-49.53	27.19	43.00	-15.81
				1RB32	-49.53	28.38	43.00	-14.62
				1RB65	-49.53	27.14	43.00	-15.86
				Full RB	-49.53	24.25	43.00	-18.75
		2278331	39949.92	1RB0	-49.31	26.03	43.00	-16.97
				1RB32	-49.31	27.08	43.00	-15.92
				1RB65	-49.31	26.22	43.00	-16.78
				Full RB	-49.31	23.46	43.00	-19.54
1CC	16QAM	2239997	37649.88	1RB0	-52.83	24.02	43.00	-18.98
				1RB32	-52.83	25.10	43.00	-17.90
				1RB65	-52.83	24.26	43.00	-18.74
				Full RB	-52.83	21.89	43.00	-21.11
		2259997	38849.88	1RB0	-49.53	25.12	43.00	-17.88
				1RB32	-49.53	26.33	43.00	-16.67
				1RB65	-49.53	25.19	43.00	-17.81
				Full RB	-49.53	22.21	43.00	-20.79
		2278331	39949.92	1RB0	-49.31	24.16	43.00	-18.84
				1RB32	-49.31	25.13	43.00	-17.87
				1RB65	-49.31	24.16	43.00	-18.84
				Full RB	-49.31	21.44	43.00	-21.56
1CC	64QAM	2239997	37649.88	1RB0	-52.83	21.02	43.00	-21.98
				1RB32	-52.83	22.16	43.00	-20.84
				1RB65	-52.83	21.21	43.00	-21.79
				Full RB	-52.83	18.88	43.00	-24.12
		2259997	38849.88	1RB0	-49.53	22.15	43.00	-20.85
				1RB32	-49.53	23.31	43.00	-19.69
				1RB65	-49.53	22.15	43.00	-20.85
				Full RB	-49.53	19.22	43.00	-23.78
		2278331	39949.92	1RB0	-49.31	21.02	43.00	-21.98
				1RB32	-49.31	22.05	43.00	-20.95
				1RB65	-49.31	21.25	43.00	-21.75
				Full RB	-49.31	18.43	43.00	-24.57

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	17.01	43.00	-25.99
				1RB32	-52.83	16.99	43.00	-26.01
				1RB65	-52.83	17.15	43.00	-25.85
				Full RB	-52.83	17.89	43.00	-25.11
		2259163+ 2260831	38850	1RB0	-49.53	20.89	43.00	-22.11
				1RB32	-49.53	20.98	43.00	-22.02
				1RB65	-49.53	21.05	43.00	-21.95
				Full RB	-49.53	22.71	43.00	-20.29
		2276663+ 2278331	39900	1RB0	-49.41	20.16	43.00	-22.84
				1RB32	-49.41	20.69	43.00	-22.31
				1RB65	-49.41	20.59	43.00	-22.41
				Full RB	-49.41	21.45	43.00	-21.55
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	15.03	43.00	-27.97
				1RB32	-52.83	14.89	43.00	-28.11
				1RB65	-52.83	15.13	43.00	-27.87
				Full RB	-52.83	15.79	43.00	-27.21
		2259163+ 2260831	38850	1RB0	-49.53	18.81	43.00	-24.19
				1RB32	-49.53	18.93	43.00	-24.07
				1RB65	-49.53	19.01	43.00	-23.99
				Full RB	-49.53	20.77	43.00	-22.23
		2276663+ 2278331	39900	1RB0	-49.41	18.19	43.00	-24.81
				1RB32	-49.41	18.71	43.00	-24.29
				1RB65	-49.41	18.60	43.00	-24.40
				Full RB	-49.41	19.49	43.00	-23.51
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	12.11	43.00	-30.89
				1RB32	-52.83	12.06	43.00	-30.94
				1RB65	-52.83	12.35	43.00	-30.65
				Full RB	-52.83	13.05	43.00	-29.95
		2259163+ 2260831	38850	1RB0	-49.53	16.01	43.00	-26.99
				1RB32	-49.53	15.98	43.00	-27.02
				1RB65	-49.53	16.16	43.00	-26.84
				Full RB	-49.53	17.89	43.00	-25.11
		2276663+ 2278331	39900	1RB0	-49.41	15.31	43.00	-27.69
				1RB32	-49.41	15.72	43.00	-27.28
				1RB65	-49.41	15.51	43.00	-27.49
				Full RB	-49.41	16.99	43.00	-26.01

Band	n260	Beam ID	42
EUT position	Y-plane	Receive Antenna polarization	Vertical

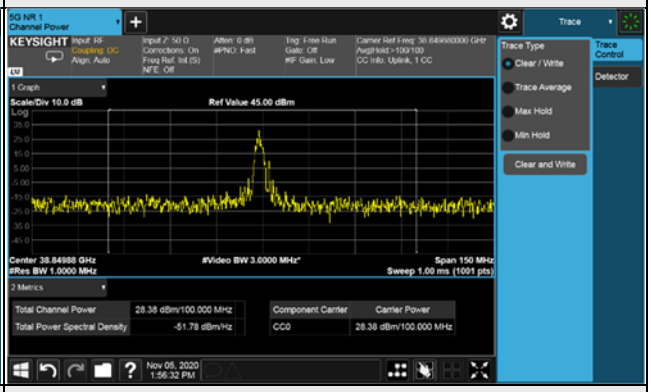
Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2239997	37649.88	1RB0	-52.83	25.27	43.00	-17.73
				1RB32	-52.83	26.38	43.00	-16.62
				1RB65	-52.83	25.46	43.00	-17.54
				Full RB	-52.83	21.49	43.00	-21.51
		2259997	38849.88	1RB0	-49.53	26.49	43.00	-16.51
				1RB32	-49.53	27.36	43.00	-15.64
				1RB65	-49.53	26.55	43.00	-16.45
				Full RB	-49.53	22.62	43.00	-20.38
		2278331	39949.92	1RB0	-49.31	25.36	43.00	-17.64
				1RB32	-49.31	26.29	43.00	-16.71
				1RB65	-49.31	25.41	43.00	-17.59
				Full RB	-49.31	21.46	43.00	-21.54
1CC	16QAM	2239997	37649.88	1RB0	-52.83	23.21	43.00	-19.79
				1RB32	-52.83	24.39	43.00	-18.61
				1RB65	-52.83	23.49	43.00	-19.51
				Full RB	-52.83	19.42	43.00	-23.58
		2259997	38849.88	1RB0	-49.53	24.38	43.00	-18.62
				1RB32	-49.53	25.35	43.00	-17.65
				1RB65	-49.53	24.55	43.00	-18.45
				Full RB	-49.53	20.61	43.00	-22.39
		2278331	39949.92	1RB0	-49.31	23.39	43.00	-19.61
				1RB32	-49.31	24.35	43.00	-18.65
				1RB65	-49.31	23.33	43.00	-19.67
				Full RB	-49.31	19.42	43.00	-23.58
1CC	64QAM	2239997	37649.88	1RB0	-52.83	20.26	43.00	-22.74
				1RB32	-52.83	21.33	43.00	-21.67
				1RB65	-52.83	20.49	43.00	-22.51
				Full RB	-52.83	16.59	43.00	-26.41
		2259997	38849.88	1RB0	-49.53	21.43	43.00	-21.57
				1RB32	-49.53	22.35	43.00	-20.65
				1RB65	-49.53	21.58	43.00	-21.42
				Full RB	-49.53	17.61	43.00	-25.39
		2278331	39949.92	1RB0	-49.31	20.39	43.00	-22.61
				1RB32	-49.31	21.30	43.00	-21.70
				1RB65	-49.31	20.42	43.00	-22.58
				Full RB	-49.31	16.39	43.00	-26.61

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-52.83	16.19	43.00	-26.81
				1RB32	-52.83	16.35	43.00	-26.65
				1RB65	-52.83	16.49	43.00	-26.51
				Full RB	-52.83	17.26	43.00	-25.74
		2259163+ 2260831	38850	1RB0	-49.53	19.16	43.00	-23.84
				1RB32	-49.53	19.31	43.00	-23.69
				1RB65	-49.53	19.51	43.00	-23.49
				Full RB	-49.53	20.21	43.00	-22.79
		2276663+ 2278331	39900	1RB0	-49.41	19.49	43.00	-23.51
				1RB32	-49.41	19.16	43.00	-23.84
				1RB65	-49.41	19.32	43.00	-23.68
				Full RB	-49.41	20.34	43.00	-22.66
2CC	16QAM	2240001+ 2241671	37700	1RB0	-52.83	14.15	43.00	-28.85
				1RB32	-52.83	14.31	43.00	-28.69
				1RB65	-52.83	14.59	43.00	-28.41
				Full RB	-52.83	15.29	43.00	-27.71
		2259163+ 2260831	38850	1RB0	-49.53	17.19	43.00	-25.81
				1RB32	-49.53	17.33	43.00	-25.67
				1RB65	-49.53	17.52	43.00	-25.48
				Full RB	-49.53	18.22	43.00	-24.78
		2276663+ 2278331	39900	1RB0	-49.41	17.40	43.00	-25.60
				1RB32	-49.41	17.11	43.00	-25.89
				1RB65	-49.41	17.35	43.00	-25.65
				Full RB	-49.41	18.39	43.00	-24.61
2CC	64QAM	2240001+ 2241671	37700	1RB0	-52.83	11.15	43.00	-31.85
				1RB32	-52.83	11.39	43.00	-31.61
				1RB65	-52.83	11.50	43.00	-31.50
				Full RB	-52.83	12.30	43.00	-30.70
		2259163+ 2260831	38850	1RB0	-49.53	14.23	43.00	-28.77
				1RB32	-49.53	14.56	43.00	-28.44
				1RB65	-49.53	14.67	43.00	-28.33
				Full RB	-49.53	15.59	43.00	-27.41
		2276663+ 2278331	39900	1RB0	-49.41	14.56	43.00	-28.44
				1RB32	-49.41	14.51	43.00	-28.49
				1RB65	-49.41	14.33	43.00	-28.67
				Full RB	-49.41	15.36	43.00	-27.64

Band	n260	Beam ID	42+170
EUT position	Y-plane	Receive Antenna polarization	Horizontal+Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					42	170	42+170		
1CC	QPSK	2239997	37649.88	1RB0	25.27	26.08	28.70	43.00	-14.30
				1RB32	26.38	27.11	29.77	43.00	-13.23
				1RB65	25.46	26.23	28.87	43.00	-14.13
				Full RB	21.49	23.86	25.85	43.00	-17.15
		2259997	38849.88	1RB0	26.49	27.19	29.86	43.00	-13.14
				1RB32	27.36	28.38	30.91	43.00	-12.09
				1RB65	26.55	27.14	29.87	43.00	-13.13
				Full RB	22.62	24.25	26.52	43.00	-16.48
		2278331	39949.92	1RB0	25.36	26.03	28.72	43.00	-14.28
				1RB32	26.29	27.08	29.71	43.00	-13.29
				1RB65	25.41	26.22	28.84	43.00	-14.16
				Full RB	21.46	23.46	25.58	43.00	-17.42
1CC	16QAM	2239997	37649.88	1RB0	23.21	24.02	26.64	43.00	-16.36
				1RB32	24.39	25.10	27.77	43.00	-15.23
				1RB65	23.49	24.26	26.90	43.00	-16.10
				Full RB	19.42	21.89	23.84	43.00	-19.16
		2259997	38849.88	1RB0	24.38	25.12	27.78	43.00	-15.22
				1RB32	25.35	26.33	28.88	43.00	-14.12
				1RB65	24.55	25.19	27.89	43.00	-15.11
				Full RB	20.61	22.21	24.49	43.00	-18.51
		2278331	39949.92	1RB0	23.39	24.16	26.80	43.00	-16.20
				1RB32	24.35	25.13	27.77	43.00	-15.23
				1RB65	23.33	24.16	26.78	43.00	-16.22
				Full RB	19.42	21.44	23.56	43.00	-19.44
1CC	64QAM	2239997	37649.88	1RB0	20.26	21.02	23.67	43.00	-19.33
				1RB32	21.33	22.16	24.78	43.00	-18.22
				1RB65	20.49	21.21	23.88	43.00	-19.12
				Full RB	16.59	18.88	20.89	43.00	-22.11
		2259997	38849.88	1RB0	21.43	22.15	24.82	43.00	-18.18
				1RB32	22.35	23.31	25.87	43.00	-17.13
				1RB65	21.58	22.15	24.88	43.00	-18.12
				Full RB	17.61	19.22	21.50	43.00	-21.50
		2278331	39949.92	1RB0	20.39	21.02	23.73	43.00	-19.27
				1RB32	21.30	22.05	24.70	43.00	-18.30
				1RB65	20.42	21.25	23.87	43.00	-19.13
				Full RB	16.39	18.43	20.54	43.00	-22.46

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					42	170	42+170		
2CC	QPSK	2240001+ 2241671	37700	1RB0	16.19	17.01	19.63	43.00	-23.37
				1RB32	16.35	16.99	19.69	43.00	-23.31
				1RB65	16.49	17.15	19.84	43.00	-23.16
				Full RB	17.26	17.89	20.60	43.00	-22.40
		2259163+ 2260831	38850	1RB0	19.16	20.89	23.12	43.00	-19.88
				1RB32	19.31	20.98	23.24	43.00	-19.76
				1RB65	19.51	21.05	23.36	43.00	-19.64
				Full RB	20.21	22.71	24.65	43.00	-18.35
		2276663+ 2278331	39900	1RB0	19.49	20.16	22.85	43.00	-20.15
				1RB32	19.16	20.69	23.00	43.00	-20.00
				1RB65	19.32	20.59	23.01	43.00	-19.99
				Full RB	20.34	21.45	23.94	43.00	-19.06
2CC	16QAM	2240001+ 2241671	37700	1RB0	14.15	15.03	17.62	43.00	-25.38
				1RB32	14.31	14.89	17.62	43.00	-25.38
				1RB65	14.59	15.13	17.88	43.00	-25.12
				Full RB	15.29	15.79	18.56	43.00	-24.44
		2259163+ 2260831	38850	1RB0	17.19	18.81	21.09	43.00	-21.91
				1RB32	17.33	18.93	21.21	43.00	-21.79
				1RB65	17.52	19.01	21.34	43.00	-21.66
				Full RB	18.22	20.77	22.69	43.00	-20.31
		2276663+ 2278331	39900	1RB0	17.40	18.19	20.82	43.00	-22.18
				1RB32	17.11	18.71	20.99	43.00	-22.01
				1RB65	17.35	18.60	21.03	43.00	-21.97
				Full RB	18.39	19.49	21.99	43.00	-21.01
2CC	64QAM	2240001+ 2241671	37700	1RB0	11.15	12.11	14.67	43.00	-28.33
				1RB32	11.39	12.06	14.75	43.00	-28.25
				1RB65	11.50	12.35	14.96	43.00	-28.04
				Full RB	12.30	13.05	15.70	43.00	-27.30
		2259163+ 2260831	38850	1RB0	14.23	16.01	18.22	43.00	-24.78
				1RB32	14.56	15.98	18.34	43.00	-24.66
				1RB65	14.67	16.16	18.49	43.00	-24.51
				Full RB	15.59	17.89	19.90	43.00	-23.10
		2276663+ 2278331	39900	1RB0	14.56	15.31	17.96	43.00	-25.04
				1RB32	14.51	15.72	18.17	43.00	-24.83
				1RB65	14.33	15.51	17.97	43.00	-25.03
				Full RB	15.36	16.99	19.26	43.00	-23.74

Spectrum Plot of Worst Value	
1CC / QPSK / Low Channel	1CC / QPSK / Mid Channel
	
1CC / QPSK / High Channel	
	
2CC / QPSK / Low Channel	2CC / QPSK / Mid Channel
	
2CC / QPSK / High Channel	
	

Note: The test results already include the correction factor (corrections: On)

Module 0 (n261)

Band	n261	Beam ID	167
EUT position	X-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	24.10	43.00	-18.90
				1RB32	-57.88	25.26	43.00	-17.74
				1RB65	-57.88	24.12	43.00	-18.88
				Full RB	-57.88	23.53	43.00	-19.47
		2077891	27923.52	1RB0	-57.70	23.89	43.00	-19.11
				1RB32	-57.70	25.15	43.00	-17.85
				1RB65	-57.70	23.68	43.00	-19.32
				Full RB	-57.70	22.97	43.00	-20.03
		2084035	28292.16	1RB0	-57.41	23.35	43.00	-19.65
				1RB32	-57.41	25.10	43.00	-17.90
				1RB65	-57.41	23.19	43.00	-19.81
				Full RB	-57.41	22.98	43.00	-20.02
1CC	16QAM	2071821	27559.32	1RB0	-57.88	22.11	43.00	-20.89
				1RB32	-57.88	23.21	43.00	-19.79
				1RB65	-57.88	22.19	43.00	-20.81
				Full RB	-57.88	21.56	43.00	-21.44
		2077891	27923.52	1RB0	-57.70	21.81	43.00	-21.19
				1RB32	-57.70	23.15	43.00	-19.85
				1RB65	-57.70	21.65	43.00	-21.35
				Full RB	-57.70	20.89	43.00	-22.11
		2084035	28292.16	1RB0	-57.41	21.31	43.00	-21.69
				1RB32	-57.41	23.06	43.00	-19.94
				1RB65	-57.41	21.13	43.00	-21.87
				Full RB	-57.41	20.95	43.00	-22.05
1CC	64QAM	2071821	27559.32	1RB0	-57.88	19.16	43.00	-23.84
				1RB32	-57.88	20.29	43.00	-22.71
				1RB65	-57.88	19.26	43.00	-23.74
				Full RB	-57.88	18.59	43.00	-24.41
		2077891	27923.52	1RB0	-57.70	18.81	43.00	-24.19
				1RB32	-57.70	20.26	43.00	-22.74
				1RB65	-57.70	18.62	43.00	-24.38
				Full RB	-57.70	17.59	43.00	-25.41
		2084035	28292.16	1RB0	-57.41	18.30	43.00	-24.70
				1RB32	-57.41	20.05	43.00	-22.95
				1RB65	-57.41	18.16	43.00	-24.84
				Full RB	-57.41	17.89	43.00	-25.11

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2071831+ 2073489	27610	1RB0	-57.90	17.35	43.00	-25.65
				1RB32	-57.90	16.77	43.00	-26.23
				1RB65	-57.90	17.08	43.00	-25.92
				Full RB	-57.90	17.90	43.00	-25.10
		2077833+ 2079500	27970	1RB0	-57.66	19.60	43.00	-23.40
				1RB32	-57.66	18.49	43.00	-24.51
				1RB65	-57.66	19.00	43.00	-24.00
				Full RB	-57.66	19.78	43.00	-23.22
		2082333+ 2084001	28240	1RB0	-57.43	17.51	43.00	-25.49
				1RB32	-57.43	18.16	43.00	-24.84
				1RB65	-57.43	17.33	43.00	-25.67
				Full RB	-57.43	18.36	43.00	-24.64
2CC	16QAM	2071831+ 2073489	27610	1RB0	-57.90	15.31	43.00	-27.69
				1RB32	-57.90	14.71	43.00	-28.29
				1RB65	-57.90	15.08	43.00	-27.92
				Full RB	-57.90	15.94	43.00	-27.06
		2077833+ 2079500	27970	1RB0	-57.66	17.63	43.00	-25.37
				1RB32	-57.66	16.41	43.00	-26.59
				1RB65	-57.66	17.01	43.00	-25.99
				Full RB	-57.66	17.76	43.00	-25.24
		2082333+ 2084001	28240	1RB0	-57.43	15.51	43.00	-27.49
				1RB32	-57.43	16.16	43.00	-26.84
				1RB65	-57.43	15.33	43.00	-27.67
				Full RB	-57.43	16.56	43.00	-26.44
2CC	64QAM	2071831+ 2073489	27610	1RB0	-57.90	12.33	43.00	-30.67
				1RB32	-57.90	11.79	43.00	-31.21
				1RB65	-57.90	12.01	43.00	-30.99
				Full RB	-57.90	12.91	43.00	-30.09
		2077833+ 2079500	27970	1RB0	-57.66	14.62	43.00	-28.38
				1RB32	-57.66	13.44	43.00	-29.56
				1RB65	-57.66	14.02	43.00	-28.98
				Full RB	-57.66	14.71	43.00	-28.29
		2082333+ 2084001	28240	1RB0	-57.43	12.59	43.00	-30.41
				1RB32	-57.43	13.16	43.00	-29.84
				1RB65	-57.43	12.32	43.00	-30.68
				Full RB	-57.43	13.19	43.00	-29.81

Band	n261	Beam ID	38
EUT position	X-plane	Receive Antenna polarization	Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	23.21	43.00	-19.79
				1RB32	-57.88	23.51	43.00	-19.49
				1RB65	-57.88	22.65	43.00	-20.35
				Full RB	-57.88	22.56	43.00	-20.44
		2077891	27923.52	1RB0	-57.70	23.13	43.00	-19.87
				1RB32	-57.70	23.50	43.00	-19.50
				1RB65	-57.70	23.02	43.00	-19.98
				Full RB	-57.70	22.91	43.00	-20.09
		2084035	28292.16	1RB0	-57.41	23.26	43.00	-19.74
				1RB32	-57.41	23.50	43.00	-19.50
				1RB65	-57.41	23.43	43.00	-19.57
				Full RB	-57.41	22.72	43.00	-20.28
1CC	16QAM	2071821	27559.32	1RB0	-57.88	21.11	43.00	-21.89
				1RB32	-57.88	21.50	43.00	-21.50
				1RB65	-57.88	20.61	43.00	-22.39
				Full RB	-57.88	20.51	43.00	-22.49
		2077891	27923.52	1RB0	-57.70	21.16	43.00	-21.84
				1RB32	-57.70	21.53	43.00	-21.47
				1RB65	-57.70	21.01	43.00	-21.99
				Full RB	-57.70	20.88	43.00	-22.12
		2084035	28292.16	1RB0	-57.41	21.23	43.00	-21.77
				1RB32	-57.41	21.49	43.00	-21.51
				1RB65	-57.41	21.44	43.00	-21.56
				Full RB	-57.41	20.76	43.00	-22.24
1CC	64QAM	2071821	27559.32	1RB0	-57.88	18.20	43.00	-24.80
				1RB32	-57.88	18.56	43.00	-24.44
				1RB65	-57.88	17.61	43.00	-25.39
				Full RB	-57.88	17.53	43.00	-25.47
		2077891	27923.52	1RB0	-57.70	18.10	43.00	-24.90
				1RB32	-57.70	18.56	43.00	-24.44
				1RB65	-57.70	18.16	43.00	-24.84
				Full RB	-57.70	17.93	43.00	-25.07
		2084035	28292.16	1RB0	-57.41	18.31	43.00	-24.69
				1RB32	-57.41	18.49	43.00	-24.51
				1RB65	-57.41	18.44	43.00	-24.56
				Full RB	-57.41	17.72	43.00	-25.28

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-57.90	18.32	43.00	-24.68
				1RB32	-57.90	18.90	43.00	-24.10
				1RB65	-57.90	17.45	43.00	-25.55
				Full RB	-57.90	19.00	43.00	-24.00
		2259163+ 2260831	38850	1RB0	-57.66	17.76	43.00	-25.24
				1RB32	-57.66	18.09	43.00	-24.91
				1RB65	-57.66	17.95	43.00	-25.05
				Full RB	-57.66	18.25	43.00	-24.75
		2276663+ 2278331	39900	1RB0	-57.43	18.16	43.00	-24.84
				1RB32	-57.43	18.03	43.00	-24.97
				1RB65	-57.43	17.92	43.00	-25.08
				Full RB	-57.43	18.48	43.00	-24.52
2CC	16QAM	2240001+ 2241671	37700	1RB0	-57.90	16.35	43.00	-26.65
				1RB32	-57.90	16.91	43.00	-26.09
				1RB65	-57.90	15.46	43.00	-27.54
				Full RB	-57.90	17.26	43.00	-25.74
		2259163+ 2260831	38850	1RB0	-57.66	15.71	43.00	-27.29
				1RB32	-57.66	16.01	43.00	-26.99
				1RB65	-57.66	15.91	43.00	-27.09
				Full RB	-57.66	16.21	43.00	-26.79
		2276663+ 2278331	39900	1RB0	-57.43	16.20	43.00	-26.80
				1RB32	-57.43	16.13	43.00	-26.87
				1RB65	-57.43	15.99	43.00	-27.01
				Full RB	-57.43	16.49	43.00	-26.51
2CC	64QAM	2240001+ 2241671	37700	1RB0	-57.90	13.31	43.00	-29.69
				1RB32	-57.90	13.89	43.00	-29.11
				1RB65	-57.90	12.45	43.00	-30.55
				Full RB	-57.90	14.21	43.00	-28.79
		2259163+ 2260831	38850	1RB0	-57.66	12.76	43.00	-30.24
				1RB32	-57.66	13.01	43.00	-29.99
				1RB65	-57.66	12.89	43.00	-30.11
				Full RB	-57.66	13.19	43.00	-29.81
		2276663+ 2278331	39900	1RB0	-57.43	13.10	43.00	-29.90
				1RB32	-57.43	13.16	43.00	-29.84
				1RB65	-57.43	12.99	43.00	-30.01
				Full RB	-57.43	13.49	43.00	-29.51

Band	n261	Beam ID	24
EUT position	X-plane	Receive Antenna polarization	Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	22.00	43.00	-21.00
				1RB32	-57.88	22.21	43.00	-20.79
				1RB65	-57.88	22.10	43.00	-20.90
				Full RB	-57.88	21.63	43.00	-21.37
		2077891	27923.52	1RB0	-57.70	21.10	43.00	-21.90
				1RB32	-57.70	21.89	43.00	-21.11
				1RB65	-57.70	21.80	43.00	-21.20
				Full RB	-57.70	21.90	43.00	-21.10
		2084035	28292.16	1RB0	-57.41	20.90	43.00	-22.10
				1RB32	-57.41	22.20	43.00	-20.80
				1RB65	-57.41	21.31	43.00	-21.69
				Full RB	-57.41	21.70	43.00	-21.30
1CC	16QAM	2071821	27559.32	1RB0	-57.88	20.19	43.00	-22.81
				1RB32	-57.88	20.19	43.00	-22.81
				1RB65	-57.88	20.13	43.00	-22.87
				Full RB	-57.88	19.61	43.00	-23.39
		2077891	27923.52	1RB0	-57.70	19.10	43.00	-23.90
				1RB32	-57.70	19.88	43.00	-23.12
				1RB65	-57.70	19.75	43.00	-23.25
				Full RB	-57.70	19.78	43.00	-23.22
		2084035	28292.16	1RB0	-57.41	18.90	43.00	-24.10
				1RB32	-57.41	20.20	43.00	-22.80
				1RB65	-57.41	19.31	43.00	-23.69
				Full RB	-57.41	19.65	43.00	-23.35
1CC	64QAM	2071821	27559.32	1RB0	-57.88	17.00	43.00	-26.00
				1RB32	-57.88	17.21	43.00	-25.79
				1RB65	-57.88	17.10	43.00	-25.90
				Full RB	-57.88	16.61	43.00	-26.39
		2077891	27923.52	1RB0	-57.70	16.13	43.00	-26.87
				1RB32	-57.70	16.90	43.00	-26.10
				1RB65	-57.70	16.81	43.00	-26.19
				Full RB	-57.70	16.89	43.00	-26.11
		2084035	28292.16	1RB0	-57.41	15.91	43.00	-27.09
				1RB32	-57.41	17.20	43.00	-25.80
				1RB65	-57.41	16.32	43.00	-26.68
				Full RB	-57.41	16.71	43.00	-26.29

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-57.90	17.76	43.00	-25.24
				1RB32	-57.90	17.66	43.00	-25.34
				1RB65	-57.90	17.01	43.00	-25.99
				Full RB	-57.90	18.58	43.00	-24.42
		2259163+ 2260831	38850	1RB0	-57.66	17.82	43.00	-25.18
				1RB32	-57.66	17.82	43.00	-25.18
				1RB65	-57.66	17.55	43.00	-25.45
				Full RB	-57.66	18.00	43.00	-25.00
		2276663+ 2278331	39900	1RB0	-57.43	17.82	43.00	-25.18
				1RB32	-57.43	17.79	43.00	-25.21
				1RB65	-57.43	17.58	43.00	-25.42
				Full RB	-57.43	18.06	43.00	-24.94
2CC	16QAM	2240001+ 2241671	37700	1RB0	-57.90	15.77	43.00	-27.23
				1RB32	-57.90	15.61	43.00	-27.39
				1RB65	-57.90	15.01	43.00	-27.99
				Full RB	-57.90	16.59	43.00	-26.41
		2259163+ 2260831	38850	1RB0	-57.66	15.88	43.00	-27.12
				1RB32	-57.66	15.79	43.00	-27.21
				1RB65	-57.66	15.51	43.00	-27.49
				Full RB	-57.66	16.10	43.00	-26.90
		2276663+ 2278331	39900	1RB0	-57.43	15.89	43.00	-27.11
				1RB32	-57.43	15.71	43.00	-27.29
				1RB65	-57.43	15.58	43.00	-27.42
				Full RB	-57.43	16.06	43.00	-26.94
2CC	64QAM	2240001+ 2241671	37700	1RB0	-57.90	12.76	43.00	-30.24
				1RB32	-57.90	12.65	43.00	-30.35
				1RB65	-57.90	15.00	43.00	-28.00
				Full RB	-57.90	13.51	43.00	-29.49
		2259163+ 2260831	38850	1RB0	-57.66	12.81	43.00	-30.19
				1RB32	-57.66	12.89	43.00	-30.11
				1RB65	-57.66	12.56	43.00	-30.44
				Full RB	-57.66	13.00	43.00	-30.00
		2276663+ 2278331	39900	1RB0	-57.43	12.69	43.00	-30.31
				1RB32	-57.43	12.88	43.00	-30.12
				1RB65	-57.43	12.54	43.00	-30.46
				Full RB	-57.43	16.03	43.00	-26.97

Band	n261	Beam ID	24+167
EUT position	X-plane	Receive Antenna polarization	Horizontal+Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					24	167	24+167		
1CC	QPSK	2239997	37649.88	1RB0	22.00	24.10	26.19	43.00	-16.81
				1RB32	22.21	25.26	27.01	43.00	-15.99
				1RB65	22.10	24.12	26.24	43.00	-16.76
				Full RB	21.63	23.53	25.69	43.00	-17.31
		2259997	38849.88	1RB0	21.10	23.89	25.73	43.00	-17.27
				1RB32	21.89	25.15	26.83	43.00	-16.17
				1RB65	21.80	23.68	25.85	43.00	-17.15
				Full RB	21.90	22.97	25.48	43.00	-17.52
		2278331	39949.92	1RB0	20.90	23.35	25.31	43.00	-17.69
				1RB32	22.20	25.10	26.90	43.00	-16.10
				1RB65	21.31	23.19	25.36	43.00	-17.64
				Full RB	21.70	22.98	25.40	43.00	-17.60
1CC	16QAM	2239997	37649.88	1RB0	20.19	22.11	24.27	43.00	-18.73
				1RB32	20.19	23.21	24.97	43.00	-18.03
				1RB65	20.13	22.19	24.29	43.00	-18.71
				Full RB	19.61	21.56	23.70	43.00	-19.30
		2259997	38849.88	1RB0	19.10	21.81	23.67	43.00	-19.33
				1RB32	19.88	23.15	24.83	43.00	-18.17
				1RB65	19.75	21.65	23.81	43.00	-19.19
				Full RB	19.78	20.89	23.38	43.00	-19.62
		2278331	39949.92	1RB0	18.90	21.31	23.28	43.00	-19.72
				1RB32	20.20	23.06	24.87	43.00	-18.13
				1RB65	19.31	21.13	23.32	43.00	-19.68
				Full RB	19.65	20.95	23.36	43.00	-19.64
1CC	64QAM	2239997	37649.88	1RB0	17.00	19.16	21.22	43.00	-21.78
				1RB32	17.21	20.29	22.03	43.00	-20.97
				1RB65	17.10	19.26	21.32	43.00	-21.68
				Full RB	16.61	18.59	20.72	43.00	-22.28
		2259997	38849.88	1RB0	16.13	18.81	20.68	43.00	-22.32
				1RB32	16.90	20.26	21.91	43.00	-21.09
				1RB65	16.81	18.62	20.82	43.00	-22.18
				Full RB	16.89	17.59	20.26	43.00	-22.74
		2278331	39949.92	1RB0	15.91	18.30	20.28	43.00	-22.72
				1RB32	17.20	20.05	21.87	43.00	-21.13
				1RB65	16.32	18.16	20.35	43.00	-22.65
				Full RB	16.71	17.89	20.35	43.00	-22.65

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					24	167	24+167		
2CC	QPSK	2071831+ 2073489	27610	1RB0	17.76	17.35	20.57	43.00	-22.43
				1RB32	17.66	16.77	20.25	43.00	-22.75
				1RB65	17.01	17.08	20.06	43.00	-22.94
				Full RB	18.58	17.90	21.26	43.00	-21.74
		2077833+ 2079500	27970	1RB0	17.82	19.60	21.81	43.00	-21.19
				1RB32	17.82	18.49	21.18	43.00	-21.82
				1RB65	17.55	19.00	21.35	43.00	-21.65
				Full RB	18.00	19.78	21.99	43.00	-21.01
		2082333+ 2084001	28240	1RB0	17.82	17.51	20.68	43.00	-22.32
				1RB32	17.79	18.16	20.99	43.00	-22.01
				1RB65	17.58	17.33	20.47	43.00	-22.53
				Full RB	18.06	18.36	21.22	43.00	-21.78
2CC	16QAM	2071831+ 2073489	27610	1RB0	15.77	15.31	18.56	43.00	-24.44
				1RB32	15.61	14.71	18.19	43.00	-24.81
				1RB65	15.01	15.08	18.06	43.00	-24.94
				Full RB	16.59	15.94	19.29	43.00	-23.71
		2077833+ 2079500	27970	1RB0	15.88	17.63	19.85	43.00	-23.15
				1RB32	15.79	16.41	19.12	43.00	-23.88
				1RB65	15.51	17.01	19.33	43.00	-23.67
				Full RB	16.10	17.76	20.02	43.00	-22.98
		2082333+ 2084001	28240	1RB0	15.89	15.51	18.71	43.00	-24.29
				1RB32	15.71	16.16	18.95	43.00	-24.05
				1RB65	15.58	15.33	18.47	43.00	-24.53
				Full RB	16.06	16.56	19.33	43.00	-23.67
2CC	64QAM	2071831+ 2073489	27610	1RB0	12.76	12.33	15.56	43.00	-27.44
				1RB32	12.65	11.79	15.25	43.00	-27.75
				1RB65	15.00	12.01	16.77	43.00	-26.23
				Full RB	13.51	12.91	16.23	43.00	-26.77
		2077833+ 2079500	27970	1RB0	12.81	14.62	16.82	43.00	-26.18
				1RB32	12.89	13.44	16.18	43.00	-26.82
				1RB65	12.56	14.02	16.36	43.00	-26.64
				Full RB	13.00	14.71	16.95	43.00	-26.05
		2082333+ 2084001	28240	1RB0	12.69	12.59	15.65	43.00	-27.35
				1RB32	12.88	13.16	16.03	43.00	-26.97
				1RB65	12.54	12.32	15.44	43.00	-27.56
				Full RB	16.03	13.19	17.85	43.00	-25.15

Module 1 (n261)

Band	n261	Beam ID	162
EUT position	X-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	24.00	43.00	-19.00
				1RB32	-57.88	24.79	43.00	-18.21
				1RB65	-57.88	23.90	43.00	-19.10
				Full RB	-57.88	23.11	43.00	-19.89
		2077891	27923.52	1RB0	-57.70	23.70	43.00	-19.30
				1RB32	-57.70	24.25	43.00	-18.75
				1RB65	-57.70	24.00	43.00	-19.00
				Full RB	-57.70	23.35	43.00	-19.65
		2084035	28292.16	1RB0	-57.41	23.50	43.00	-19.50
				1RB32	-57.41	24.36	43.00	-18.64
				1RB65	-57.41	24.00	43.00	-19.00
				Full RB	-57.41	23.20	43.00	-19.80
1CC	16QAM	2071821	27559.32	1RB0	-57.88	22.10	43.00	-20.90
				1RB32	-57.88	23.10	43.00	-19.90
				1RB65	-57.88	21.92	43.00	-21.08
				Full RB	-57.88	21.16	43.00	-21.84
		2077891	27923.52	1RB0	-57.70	21.70	43.00	-21.30
				1RB32	-57.70	22.83	43.00	-20.17
				1RB65	-57.70	22.13	43.00	-20.87
				Full RB	-57.70	21.46	43.00	-21.54
		2084035	28292.16	1RB0	-57.41	21.56	43.00	-21.44
				1RB32	-57.41	22.91	43.00	-20.09
				1RB65	-57.41	22.09	43.00	-20.91
				Full RB	-57.41	21.13	43.00	-21.87
1CC	64QAM	2071821	27559.32	1RB0	-57.88	19.00	43.00	-24.00
				1RB32	-57.88	20.12	43.00	-22.88
				1RB65	-57.88	18.89	43.00	-24.11
				Full RB	-57.88	18.13	43.00	-24.87
		2077891	27923.52	1RB0	-57.70	18.76	43.00	-24.24
				1RB32	-57.70	19.69	43.00	-23.31
				1RB65	-57.70	19.31	43.00	-23.69
				Full RB	-57.70	18.31	43.00	-24.69
		2084035	28292.16	1RB0	-57.41	18.69	43.00	-24.31
				1RB32	-57.41	19.91	43.00	-23.09
				1RB65	-57.41	19.00	43.00	-24.00
				Full RB	-57.41	18.21	43.00	-24.79

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-57.90	20.41	43.00	-22.59
				1RB32	-57.90	20.21	43.00	-22.79
				1RB65	-57.90	19.39	43.00	-23.61
				Full RB	-57.90	20.43	43.00	-22.57
		2259163+ 2260831	38850	1RB0	-57.66	19.62	43.00	-23.38
				1RB32	-57.66	19.49	43.00	-23.51
				1RB65	-57.66	19.92	43.00	-23.08
				Full RB	-57.66	19.93	43.00	-23.07
		2276663+ 2278331	39900	1RB0	-57.43	19.24	43.00	-23.76
				1RB32	-57.43	19.25	43.00	-23.75
				1RB65	-57.43	19.05	43.00	-23.95
				Full RB	-57.43	19.42	43.00	-23.58
2CC	16QAM	2240001+ 2241671	37700	1RB0	-57.90	18.41	43.00	-24.59
				1RB32	-57.90	18.20	43.00	-24.80
				1RB65	-57.90	17.31	43.00	-25.69
				Full RB	-57.90	18.44	43.00	-24.56
		2259163+ 2260831	38850	1RB0	-57.66	17.63	43.00	-25.37
				1RB32	-57.66	17.44	43.00	-25.56
				1RB65	-57.66	17.89	43.00	-25.11
				Full RB	-57.66	17.93	43.00	-25.07
		2276663+ 2278331	39900	1RB0	-57.43	17.21	43.00	-25.79
				1RB32	-57.43	17.19	43.00	-25.81
				1RB65	-57.43	17.06	43.00	-25.94
				Full RB	-57.43	17.50	43.00	-25.50
2CC	64QAM	2240001+ 2241671	37700	1RB0	-57.90	15.41	43.00	-27.59
				1RB32	-57.90	15.22	43.00	-27.78
				1RB65	-57.90	14.35	43.00	-28.65
				Full RB	-57.90	15.49	43.00	-27.51
		2259163+ 2260831	38850	1RB0	-57.66	14.69	43.00	-28.31
				1RB32	-57.66	14.41	43.00	-28.59
				1RB65	-57.66	14.91	43.00	-28.09
				Full RB	-57.66	14.99	43.00	-28.01
		2276663+ 2278331	39900	1RB0	-57.43	14.21	43.00	-28.79
				1RB32	-57.43	14.29	43.00	-28.71
				1RB65	-57.43	14.02	43.00	-28.98
				Full RB	-57.43	14.49	43.00	-28.51

Band	n261	Beam ID	36
EUT position	X-plane	Receive Antenna polarization	Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	21.00	43.00	-22.00
				1RB32	-57.88	22.00	43.00	-21.00
				1RB65	-57.88	21.20	43.00	-21.80
				Full RB	-57.88	20.60	43.00	-22.40
		2077891	27923.52	1RB0	-57.70	20.30	43.00	-22.70
				1RB32	-57.70	21.00	43.00	-22.00
				1RB65	-57.70	20.50	43.00	-22.50
				Full RB	-57.70	20.00	43.00	-23.00
		2084035	28292.16	1RB0	-57.41	21.00	43.00	-22.00
				1RB32	-57.41	22.40	43.00	-20.60
				1RB65	-57.41	21.40	43.00	-21.60
				Full RB	-57.41	20.90	43.00	-22.10
1CC	16QAM	2071821	27559.32	1RB0	-57.88	19.00	43.00	-24.00
				1RB32	-57.88	20.15	43.00	-22.85
				1RB65	-57.88	19.15	43.00	-23.85
				Full RB	-57.88	18.66	43.00	-24.34
		2077891	27923.52	1RB0	-57.70	18.31	43.00	-24.69
				1RB32	-57.70	19.00	43.00	-24.00
				1RB65	-57.70	18.45	43.00	-24.55
				Full RB	-57.70	18.00	43.00	-25.00
		2084035	28292.16	1RB0	-57.41	19.06	43.00	-23.94
				1RB32	-57.41	20.33	43.00	-22.67
				1RB65	-57.41	19.26	43.00	-23.74
				Full RB	-57.41	18.89	43.00	-24.11
1CC	64QAM	2071821	27559.32	1RB0	-57.88	16.00	43.00	-27.00
				1RB32	-57.88	16.99	43.00	-26.01
				1RB65	-57.88	16.21	43.00	-26.79
				Full RB	-57.88	15.59	43.00	-27.41
		2077891	27923.52	1RB0	-57.70	15.31	43.00	-27.69
				1RB32	-57.70	16.00	43.00	-27.00
				1RB65	-57.70	15.53	43.00	-27.47
				Full RB	-57.70	15.19	43.00	-27.81
		2084035	28292.16	1RB0	-57.41	16.02	43.00	-26.98
				1RB32	-57.41	17.41	43.00	-25.59
				1RB65	-57.41	16.44	43.00	-26.56
				Full RB	-57.41	15.93	43.00	-27.07

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-57.90	19.61	43.00	-23.39
				1RB32	-57.90	19.66	43.00	-23.34
				1RB65	-57.90	19.32	43.00	-23.68
				Full RB	-57.90	19.69	43.00	-23.31
		2259163+ 2260831	38850	1RB0	-57.66	18.90	43.00	-24.10
				1RB32	-57.66	19.04	43.00	-23.96
				1RB65	-57.66	19.32	43.00	-23.68
				Full RB	-57.66	19.36	43.00	-23.64
		2276663+ 2278331	39900	1RB0	-57.43	19.21	43.00	-23.79
				1RB32	-57.43	19.18	43.00	-23.82
				1RB65	-57.43	18.84	43.00	-24.16
				Full RB	-57.43	19.26	43.00	-23.74
2CC	16QAM	2240001+ 2241671	37700	1RB0	-57.90	17.61	43.00	-25.39
				1RB32	-57.90	17.66	43.00	-25.34
				1RB65	-57.90	17.30	43.00	-25.70
				Full RB	-57.90	17.89	43.00	-25.11
		2259163+ 2260831	38850	1RB0	-57.66	16.90	43.00	-26.10
				1RB32	-57.66	17.06	43.00	-25.94
				1RB65	-57.66	17.33	43.00	-25.67
				Full RB	-57.66	17.40	43.00	-25.60
		2276663+ 2278331	39900	1RB0	-57.43	17.21	43.00	-25.79
				1RB32	-57.43	17.18	43.00	-25.82
				1RB65	-57.43	16.84	43.00	-26.16
				Full RB	-57.43	17.31	43.00	-25.69
2CC	64QAM	2240001+ 2241671	37700	1RB0	-57.90	14.61	43.00	-28.39
				1RB32	-57.90	14.69	43.00	-28.31
				1RB65	-57.90	14.32	43.00	-28.68
				Full RB	-57.90	14.73	43.00	-28.27
		2259163+ 2260831	38850	1RB0	-57.66	13.90	43.00	-29.10
				1RB32	-57.66	14.01	43.00	-28.99
				1RB65	-57.66	14.29	43.00	-28.71
				Full RB	-57.66	14.36	43.00	-28.64
		2276663+ 2278331	39900	1RB0	-57.43	14.20	43.00	-28.80
				1RB32	-57.43	14.18	43.00	-28.82
				1RB65	-57.43	13.81	43.00	-29.19
				Full RB	-57.43	14.30	43.00	-28.70

Band	n261	Beam ID	34
EUT position	X-plane	Receive Antenna polarization	Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	18.90	43.00	-24.10
				1RB32	-57.88	19.68	43.00	-23.32
				1RB65	-57.88	19.00	43.00	-24.00
				Full RB	-57.88	19.50	43.00	-23.50
		2077891	27923.52	1RB0	-57.70	18.20	43.00	-24.80
				1RB32	-57.70	18.60	43.00	-24.40
				1RB65	-57.70	18.70	43.00	-24.30
				Full RB	-57.70	19.10	43.00	-23.90
		2084035	28292.16	1RB0	-57.41	18.45	43.00	-24.55
				1RB32	-57.41	19.65	43.00	-23.35
				1RB65	-57.41	19.20	43.00	-23.80
				Full RB	-57.41	19.00	43.00	-24.00
1CC	16QAM	2071821	27559.32	1RB0	-57.88	16.89	43.00	-26.11
				1RB32	-57.88	17.66	43.00	-25.34
				1RB65	-57.88	17.00	43.00	-26.00
				Full RB	-57.88	17.49	43.00	-25.51
		2077891	27923.52	1RB0	-57.70	16.16	43.00	-26.84
				1RB32	-57.70	16.59	43.00	-26.41
				1RB65	-57.70	16.59	43.00	-26.41
				Full RB	-57.70	17.12	43.00	-25.88
		2084035	28292.16	1RB0	-57.41	16.45	43.00	-26.55
				1RB32	-57.41	17.68	43.00	-25.32
				1RB65	-57.41	17.21	43.00	-25.79
				Full RB	-57.41	17.00	43.00	-26.00
1CC	64QAM	2071821	27559.32	1RB0	-57.88	13.92	43.00	-29.08
				1RB32	-57.88	14.69	43.00	-28.31
				1RB65	-57.88	14.15	43.00	-28.85
				Full RB	-57.88	14.62	43.00	-28.38
		2077891	27923.52	1RB0	-57.70	13.26	43.00	-29.74
				1RB32	-57.70	13.66	43.00	-29.34
				1RB65	-57.70	13.71	43.00	-29.29
				Full RB	-57.70	14.26	43.00	-28.74
		2084035	28292.16	1RB0	-57.41	13.42	43.00	-29.58
				1RB32	-57.41	14.65	43.00	-28.35
				1RB65	-57.41	14.20	43.00	-28.80
				Full RB	-57.41	14.00	43.00	-29.00

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-57.90	20.36	43.00	-22.64
				1RB32	-57.90	20.71	43.00	-22.29
				1RB65	-57.90	19.86	43.00	-23.14
				Full RB	-57.90	20.89	43.00	-22.11
		2259163+ 2260831	38850	1RB0	-57.66	19.22	43.00	-23.78
				1RB32	-57.66	19.30	43.00	-23.70
				1RB65	-57.66	18.97	43.00	-24.03
				Full RB	-57.66	19.38	43.00	-23.62
		2276663+ 2278331	39900	1RB0	-57.43	19.16	43.00	-23.84
				1RB32	-57.43	19.21	43.00	-23.79
				1RB65	-57.43	18.88	43.00	-24.12
				Full RB	-57.43	19.20	43.00	-23.80
2CC	16QAM	2240001+ 2241671	37700	1RB0	-57.90	18.39	43.00	-24.61
				1RB32	-57.90	18.73	43.00	-24.27
				1RB65	-57.90	17.88	43.00	-25.12
				Full RB	-57.90	18.81	43.00	-24.19
		2259163+ 2260831	38850	1RB0	-57.66	17.23	43.00	-25.77
				1RB32	-57.66	17.30	43.00	-25.70
				1RB65	-57.66	16.99	43.00	-26.01
				Full RB	-57.66	17.31	43.00	-25.69
		2276663+ 2278331	39900	1RB0	-57.43	17.20	43.00	-25.80
				1RB32	-57.43	17.19	43.00	-25.81
				1RB65	-57.43	16.81	43.00	-26.19
				Full RB	-57.43	17.32	43.00	-25.68
2CC	64QAM	2240001+ 2241671	37700	1RB0	-57.90	15.31	43.00	-27.69
				1RB32	-57.90	15.71	43.00	-27.29
				1RB65	-57.90	14.81	43.00	-28.19
				Full RB	-57.90	15.83	43.00	-27.17
		2259163+ 2260831	38850	1RB0	-57.66	14.23	43.00	-28.77
				1RB32	-57.66	14.30	43.00	-28.70
				1RB65	-57.66	13.97	43.00	-29.03
				Full RB	-57.66	14.36	43.00	-28.64
		2276663+ 2278331	39900	1RB0	-57.43	14.16	43.00	-28.84
				1RB32	-57.43	14.22	43.00	-28.78
				1RB65	-57.43	13.81	43.00	-29.19
				Full RB	-57.43	14.29	43.00	-28.71

Band	n261	Beam ID	34+162
EUT position	X-plane	Receive Antenna polarization	Horizontal+Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					34	162	34+162		
1CC	QPSK	2071821	27559.32	1RB0	18.90	24.00	25.17	43.00	-17.83
				1RB32	19.68	24.79	25.96	43.00	-17.04
				1RB65	19.00	23.90	25.12	43.00	-17.88
				Full RB	19.50	23.11	24.68	43.00	-18.32
		2077891	27923.52	1RB0	18.20	23.70	24.78	43.00	-18.22
				1RB32	18.60	24.25	25.30	43.00	-17.70
				1RB65	18.70	24.00	25.12	43.00	-17.88
				Full RB	19.10	23.35	24.74	43.00	-18.26
		2084035	28292.16	1RB0	18.45	23.50	24.68	43.00	-18.32
				1RB32	19.65	24.36	25.62	43.00	-17.38
				1RB65	19.20	24.00	25.24	43.00	-17.76
				Full RB	19.00	23.20	24.60	43.00	-18.40
1CC	16QAM	2071821	27559.32	1RB0	16.89	22.10	23.24	43.00	-19.76
				1RB32	17.66	23.10	24.19	43.00	-18.81
				1RB65	17.00	21.92	23.13	43.00	-19.87
				Full RB	17.49	21.16	22.71	43.00	-20.29
		2077891	27923.52	1RB0	16.16	21.70	22.77	43.00	-20.23
				1RB32	16.59	22.83	23.76	43.00	-19.24
				1RB65	16.59	22.13	23.20	43.00	-19.80
				Full RB	17.12	21.46	22.82	43.00	-20.18
		2084035	28292.16	1RB0	16.45	21.56	22.73	43.00	-20.27
				1RB32	17.68	22.91	24.05	43.00	-18.95
				1RB65	17.21	22.09	23.31	43.00	-19.69
				Full RB	17.00	21.13	22.55	43.00	-20.45
1CC	64QAM	2071821	27559.32	1RB0	13.92	19.00	20.17	43.00	-22.83
				1RB32	14.69	20.12	21.21	43.00	-21.79
				1RB65	14.15	18.89	20.15	43.00	-22.85
				Full RB	14.62	18.13	19.73	43.00	-23.27
		2077891	27923.52	1RB0	13.26	18.76	19.84	43.00	-23.16
				1RB32	13.66	19.69	20.66	43.00	-22.34
				1RB65	13.71	19.31	20.37	43.00	-22.63
				Full RB	14.26	18.31	19.75	43.00	-23.25
		2084035	28292.16	1RB0	13.42	18.69	19.82	43.00	-23.18
				1RB32	14.65	19.91	21.04	43.00	-21.96
				1RB65	14.20	19.00	20.24	43.00	-22.76
				Full RB	14.00	18.21	19.61	43.00	-23.39

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					34	162	34+162		
2CC	QPSK	2071831+ 2073489	27610	1RB0	20.36	20.41	23.40	43.00	-19.60
				1RB32	20.71	20.21	23.48	43.00	-19.52
				1RB65	19.86	19.39	22.64	43.00	-20.36
				Full RB	20.89	20.43	23.68	43.00	-19.32
		2077833+ 2079500	27970	1RB0	19.22	19.62	22.43	43.00	-20.57
				1RB32	19.30	19.49	22.41	43.00	-20.59
				1RB65	18.97	19.92	22.48	43.00	-20.52
				Full RB	19.38	19.93	22.67	43.00	-20.33
		2082333+ 2084001	28240	1RB0	19.16	19.24	22.21	43.00	-20.79
				1RB32	19.21	19.25	22.24	43.00	-20.76
				1RB65	18.88	19.05	21.98	43.00	-21.02
				Full RB	19.20	19.42	22.32	43.00	-20.68
2CC	16QAM	2071831+ 2073489	27610	1RB0	18.39	18.41	21.41	43.00	-21.59
				1RB32	18.73	18.20	21.48	43.00	-21.52
				1RB65	17.88	17.31	20.61	43.00	-22.39
				Full RB	18.81	18.44	21.64	43.00	-21.36
		2077833+ 2079500	27970	1RB0	17.23	17.63	20.44	43.00	-22.56
				1RB32	17.30	17.44	20.38	43.00	-22.62
				1RB65	16.99	17.89	20.47	43.00	-22.53
				Full RB	17.31	17.93	20.64	43.00	-22.36
		2082333+ 2084001	28240	1RB0	17.20	17.21	20.22	43.00	-22.78
				1RB32	17.19	17.19	20.20	43.00	-22.80
				1RB65	16.81	17.06	19.95	43.00	-23.05
				Full RB	17.32	17.50	20.42	43.00	-22.58
2CC	64QAM	2071831+ 2073489	27610	1RB0	15.31	15.41	18.37	43.00	-24.63
				1RB32	15.71	15.22	18.48	43.00	-24.52
				1RB65	14.81	14.35	17.60	43.00	-25.40
				Full RB	15.83	15.49	18.67	43.00	-24.33
		2077833+ 2079500	27970	1RB0	14.23	14.69	17.48	43.00	-25.52
				1RB32	14.30	14.41	17.37	43.00	-25.63
				1RB65	13.97	14.91	17.48	43.00	-25.52
				Full RB	14.36	14.99	17.70	43.00	-25.30
		2082333+ 2084001	28240	1RB0	14.16	14.21	17.20	43.00	-25.80
				1RB32	14.22	14.29	17.27	43.00	-25.73
				1RB65	13.81	14.02	16.93	43.00	-26.07
				Full RB	14.29	14.49	17.40	43.00	-25.60

Module 2 (n261)

Band	n261	Beam ID	171
EUT position	Y-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	22.93	43.00	-20.07
				1RB32	-57.88	24.03	43.00	-18.97
				1RB65	-57.88	22.89	43.00	-20.11
				Full RB	-57.88	22.27	43.00	-20.73
		2077891	27923.52	1RB0	-57.70	22.86	43.00	-20.14
				1RB32	-57.70	24.40	43.00	-18.60
				1RB65	-57.70	22.90	43.00	-20.10
				Full RB	-57.70	22.12	43.00	-20.88
		2084035	28292.16	1RB0	-57.41	22.47	43.00	-20.53
				1RB32	-57.41	23.58	43.00	-19.42
				1RB65	-57.41	22.55	43.00	-20.45
				Full RB	-57.41	21.81	43.00	-21.19
1CC	16QAM	2071821	27559.32	1RB0	-57.88	20.89	43.00	-22.11
				1RB32	-57.88	22.13	43.00	-20.87
				1RB65	-57.88	20.88	43.00	-22.12
				Full RB	-57.88	20.21	43.00	-22.79
		2077891	27923.52	1RB0	-57.70	20.81	43.00	-22.19
				1RB32	-57.70	22.41	43.00	-20.59
				1RB65	-57.70	20.91	43.00	-22.09
				Full RB	-57.70	20.16	43.00	-22.84
		2084035	28292.16	1RB0	-57.41	20.41	43.00	-22.59
				1RB32	-57.41	21.54	43.00	-21.46
				1RB65	-57.41	20.51	43.00	-22.49
				Full RB	-57.41	19.82	43.00	-23.18
1CC	64QAM	2071821	27559.32	1RB0	-57.88	17.99	43.00	-25.01
				1RB32	-57.88	19.03	43.00	-23.97
				1RB65	-57.88	17.81	43.00	-25.19
				Full RB	-57.88	17.21	43.00	-25.79
		2077891	27923.52	1RB0	-57.70	17.86	43.00	-25.14
				1RB32	-57.70	19.42	43.00	-23.58
				1RB65	-57.70	17.88	43.00	-25.12
				Full RB	-57.70	17.13	43.00	-25.87
		2084035	28292.16	1RB0	-57.41	17.44	43.00	-25.56
				1RB32	-57.41	18.56	43.00	-24.44
				1RB65	-57.41	17.56	43.00	-25.44
				Full RB	-57.41	16.89	43.00	-26.11

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-57.90	17.98	43.00	-25.02
				1RB32	-57.90	18.05	43.00	-24.95
				1RB65	-57.90	17.84	43.00	-25.16
				Full RB	-57.90	18.92	43.00	-24.08
		2259163+ 2260831	38850	1RB0	-57.66	18.06	43.00	-24.94
				1RB32	-57.66	18.82	43.00	-24.18
				1RB65	-57.66	18.65	43.00	-24.35
				Full RB	-57.66	19.50	43.00	-23.50
		2276663+ 2278331	39900	1RB0	-57.43	18.36	43.00	-24.64
				1RB32	-57.43	18.32	43.00	-24.68
				1RB65	-57.43	18.15	43.00	-24.85
				Full RB	-57.43	19.06	43.00	-23.94
2CC	16QAM	2240001+ 2241671	37700	1RB0	-57.90	15.95	43.00	-27.05
				1RB32	-57.90	16.01	43.00	-26.99
				1RB65	-57.90	15.81	43.00	-27.19
				Full RB	-57.90	16.91	43.00	-26.09
		2259163+ 2260831	38850	1RB0	-57.66	16.01	43.00	-26.99
				1RB32	-57.66	16.69	43.00	-26.31
				1RB65	-57.66	16.65	43.00	-26.35
				Full RB	-57.66	17.50	43.00	-25.50
		2276663+ 2278331	39900	1RB0	-57.43	16.36	43.00	-26.64
				1RB32	-57.43	16.33	43.00	-26.67
				1RB65	-57.43	16.15	43.00	-26.85
				Full RB	-57.43	17.01	43.00	-25.99
2CC	64QAM	2240001+ 2241671	37700	1RB0	-57.90	12.95	43.00	-30.05
				1RB32	-57.90	13.01	43.00	-29.99
				1RB65	-57.90	12.88	43.00	-30.12
				Full RB	-57.90	13.91	43.00	-29.09
		2259163+ 2260831	38850	1RB0	-57.66	13.09	43.00	-29.91
				1RB32	-57.66	13.88	43.00	-29.12
				1RB65	-57.66	13.61	43.00	-29.39
				Full RB	-57.66	14.50	43.00	-28.50
		2276663+ 2278331	39900	1RB0	-57.43	13.36	43.00	-29.64
				1RB32	-57.43	13.33	43.00	-29.67
				1RB65	-57.43	13.10	43.00	-29.90
				Full RB	-57.43	14.01	43.00	-28.99

Band	n261	Beam ID	158
EUT position	Y-plane	Receive Antenna polarization	Horizontal

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	23.90	43.00	-19.10
				1RB32	-57.88	24.51	43.00	-18.49
				1RB65	-57.88	23.85	43.00	-19.15
				Full RB	-57.88	23.11	43.00	-19.89
		2077891	27923.52	1RB0	-57.70	23.28	43.00	-19.72
				1RB32	-57.70	24.59	43.00	-18.41
				1RB65	-57.70	24.10	43.00	-18.90
				Full RB	-57.70	23.35	43.00	-19.65
		2084035	28292.16	1RB0	-57.41	23.68	43.00	-19.32
				1RB32	-57.41	24.59	43.00	-18.41
				1RB65	-57.41	23.63	43.00	-19.37
				Full RB	-57.41	22.71	43.00	-20.29
1CC	16QAM	2071821	27559.32	1RB0	-57.88	21.89	43.00	-21.11
				1RB32	-57.88	22.88	43.00	-20.12
				1RB65	-57.88	21.81	43.00	-21.19
				Full RB	-57.88	21.19	43.00	-21.81
		2077891	27923.52	1RB0	-57.70	21.23	43.00	-21.77
				1RB32	-57.70	23.16	43.00	-19.84
				1RB65	-57.70	22.11	43.00	-20.89
				Full RB	-57.70	21.33	43.00	-21.67
		2084035	28292.16	1RB0	-57.41	21.59	43.00	-21.41
				1RB32	-57.41	22.59	43.00	-20.41
				1RB65	-57.41	21.60	43.00	-21.40
				Full RB	-57.41	20.76	43.00	-22.24
1CC	64QAM	2071821	27559.32	1RB0	-57.88	18.91	43.00	-24.09
				1RB32	-57.88	19.81	43.00	-23.19
				1RB65	-57.88	18.81	43.00	-24.19
				Full RB	-57.88	18.13	43.00	-24.87
		2077891	27923.52	1RB0	-57.70	18.21	43.00	-24.79
				1RB32	-57.70	20.16	43.00	-22.84
				1RB65	-57.70	19.16	43.00	-23.84
				Full RB	-57.70	18.36	43.00	-24.64
		2084035	28292.16	1RB0	-57.41	18.66	43.00	-24.34
				1RB32	-57.41	19.51	43.00	-23.49
				1RB65	-57.41	18.64	43.00	-24.36
				Full RB	-57.41	17.66	43.00	-25.34

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-57.90	17.95	43.00	-25.05
				1RB32	-57.90	18.01	43.00	-24.99
				1RB65	-57.90	17.89	43.00	-25.11
				Full RB	-57.90	18.77	43.00	-24.23
		2259163+ 2260831	38850	1RB0	-57.66	18.42	43.00	-24.58
				1RB32	-57.66	18.59	43.00	-24.41
				1RB65	-57.66	18.56	43.00	-24.44
				Full RB	-57.66	19.45	43.00	-23.55
		2276663+ 2278331	39900	1RB0	-57.43	18.46	43.00	-24.54
				1RB32	-57.43	18.59	43.00	-24.41
				1RB65	-57.43	18.57	43.00	-24.43
				Full RB	-57.43	19.38	43.00	-23.62
2CC	16QAM	2240001+ 2241671	37700	1RB0	-57.90	15.91	43.00	-27.09
				1RB32	-57.90	16.01	43.00	-26.99
				1RB65	-57.90	15.88	43.00	-27.12
				Full RB	-57.90	16.78	43.00	-26.22
		2259163+ 2260831	38850	1RB0	-57.66	16.42	43.00	-26.58
				1RB32	-57.66	16.51	43.00	-26.49
				1RB65	-57.66	16.61	43.00	-26.39
				Full RB	-57.66	17.40	43.00	-25.60
		2276663+ 2278331	39900	1RB0	-57.43	16.44	43.00	-26.56
				1RB32	-57.43	16.58	43.00	-26.42
				1RB65	-57.43	16.56	43.00	-26.44
				Full RB	-57.43	17.39	43.00	-25.61
2CC	64QAM	2240001+ 2241671	37700	1RB0	-57.90	12.95	43.00	-30.05
				1RB32	-57.90	16.03	43.00	-26.97
				1RB65	-57.90	12.88	43.00	-30.12
				Full RB	-57.90	13.71	43.00	-29.29
		2259163+ 2260831	38850	1RB0	-57.66	13.44	43.00	-29.56
				1RB32	-57.66	13.51	43.00	-29.49
				1RB65	-57.66	13.51	43.00	-29.49
				Full RB	-57.66	14.41	43.00	-28.59
		2276663+ 2278331	39900	1RB0	-57.43	13.46	43.00	-29.54
				1RB32	-57.43	13.59	43.00	-29.41
				1RB65	-57.43	13.51	43.00	-29.49
				Full RB	-57.43	14.35	43.00	-28.65

Band	n261	Beam ID	30
EUT position	Y-plane	Receive Antenna polarization	Horizontal

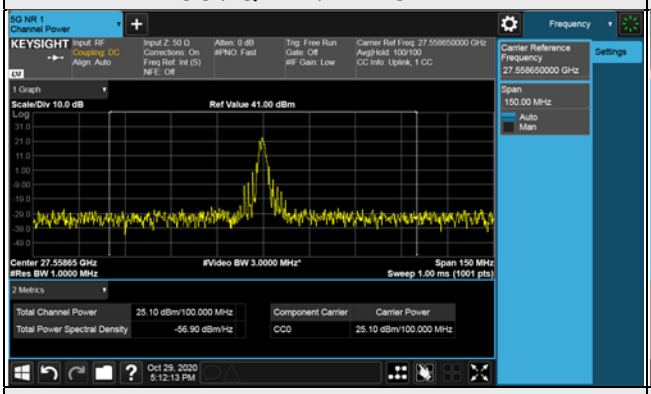
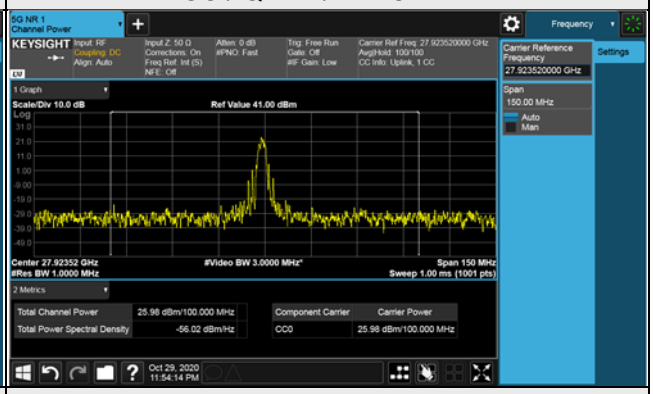
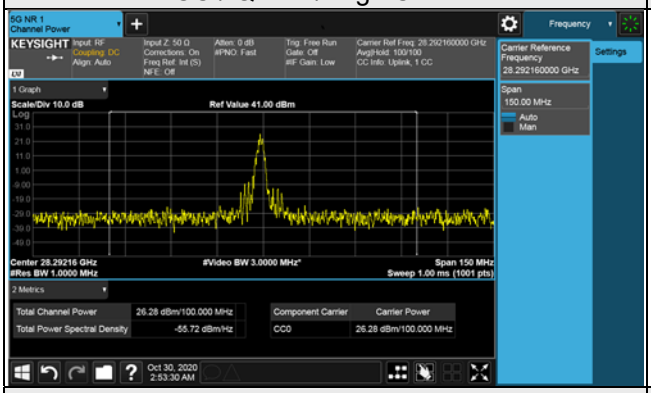
Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
1CC	QPSK	2071821	27559.32	1RB0	-57.88	23.80	43.00	-19.20
				1RB32	-57.88	25.10	43.00	-17.90
				1RB65	-57.88	23.88	43.00	-19.12
				Full RB	-57.88	23.63	43.00	-19.37
		2077891	27923.52	1RB0	-57.70	23.88	43.00	-19.12
				1RB32	-57.70	25.98	43.00	-17.02
				1RB65	-57.70	23.92	43.00	-19.08
				Full RB	-57.70	23.64	43.00	-19.36
		2084035	28292.16	1RB0	-57.41	23.55	43.00	-19.45
				1RB32	-57.41	26.28	43.00	-16.72
				1RB65	-57.41	23.80	43.00	-19.20
				Full RB	-57.41	23.62	43.00	-19.38
1CC	16QAM	2071821	27559.32	1RB0	-57.88	21.79	43.00	-21.21
				1RB32	-57.88	23.17	43.00	-19.83
				1RB65	-57.88	21.79	43.00	-21.21
				Full RB	-57.88	21.69	43.00	-21.31
		2077891	27923.52	1RB0	-57.70	21.88	43.00	-21.12
				1RB32	-57.70	23.77	43.00	-19.23
				1RB65	-57.70	21.89	43.00	-21.11
				Full RB	-57.70	21.66	43.00	-21.34
		2084035	28292.16	1RB0	-57.41	21.54	43.00	-21.46
				1RB32	-57.41	24.36	43.00	-18.64
				1RB65	-57.41	21.89	43.00	-21.11
				Full RB	-57.41	21.66	43.00	-21.34
1CC	64QAM	2071821	27559.32	1RB0	-57.88	18.79	43.00	-24.21
				1RB32	-57.88	20.16	43.00	-22.84
				1RB65	-57.88	18.87	43.00	-24.13
				Full RB	-57.88	18.59	43.00	-24.41
		2077891	27923.52	1RB0	-57.70	18.49	43.00	-24.51
				1RB32	-57.70	20.79	43.00	-22.21
				1RB65	-57.70	18.89	43.00	-24.11
				Full RB	-57.70	18.66	43.00	-24.34
		2084035	28292.16	1RB0	-57.41	18.49	43.00	-24.51
				1RB32	-57.41	21.13	43.00	-21.87
				1RB65	-57.41	18.89	43.00	-24.11
				Full RB	-57.41	18.65	43.00	-24.35

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Correction Factor (dB/m)	Spectrum Reading / EIRP (dBm)	Limt (dBm)	Margin (dB)
2CC	QPSK	2240001+ 2241671	37700	1RB0	-57.90	17.65	43.00	-25.35
				1RB32	-57.90	18.02	43.00	-24.98
				1RB65	-57.90	17.44	43.00	-25.56
				Full RB	-57.90	18.62	43.00	-24.38
		2259163+ 2260831	38850	1RB0	-57.66	18.57	43.00	-24.43
				1RB32	-57.66	18.88	43.00	-24.12
				1RB65	-57.66	18.64	43.00	-24.36
				Full RB	-57.66	19.70	43.00	-23.30
		2276663+ 2278331	39900	1RB0	-57.43	18.34	43.00	-24.66
				1RB32	-57.43	18.97	43.00	-24.03
				1RB65	-57.43	18.30	43.00	-24.70
				Full RB	-57.43	19.72	43.00	-23.28
2CC	16QAM	2240001+ 2241671	37700	1RB0	-57.90	15.61	43.00	-27.39
				1RB32	-57.90	16.02	43.00	-26.98
				1RB65	-57.90	15.44	43.00	-27.56
				Full RB	-57.90	16.66	43.00	-26.34
		2259163+ 2260831	38850	1RB0	-57.66	16.54	43.00	-26.46
				1RB32	-57.66	16.81	43.00	-26.19
				1RB65	-57.66	16.61	43.00	-26.39
				Full RB	-57.66	17.73	43.00	-25.27
		2276663+ 2278331	39900	1RB0	-57.43	16.36	43.00	-26.64
				1RB32	-57.43	16.98	43.00	-26.02
				1RB65	-57.43	16.33	43.00	-26.67
				Full RB	-57.43	17.72	43.00	-25.28
2CC	64QAM	2240001+ 2241671	37700	1RB0	-57.90	12.65	43.00	-30.35
				1RB32	-57.90	13.01	43.00	-29.99
				1RB65	-57.90	12.49	43.00	-30.51
				Full RB	-57.90	13.66	43.00	-29.34
		2259163+ 2260831	38850	1RB0	-57.66	13.51	43.00	-29.49
				1RB32	-57.66	13.87	43.00	-29.13
				1RB65	-57.66	13.61	43.00	-29.39
				Full RB	-57.66	14.70	43.00	-28.30
		2276663+ 2278331	39900	1RB0	-57.43	13.39	43.00	-29.61
				1RB32	-57.43	13.91	43.00	-29.09
				1RB65	-57.43	13.32	43.00	-29.68
				Full RB	-57.43	14.70	43.00	-28.30

Band	n261	Beam ID	30+158
EUT position	Y-plane	Receive Antenna polarization	Horizontal+Vertical

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					30	158	30+158		
1CC	QPSK	2071821	27559.32	1RB0	23.80	23.90	26.86	43.00	-16.14
				1RB32	25.10	24.51	27.83	43.00	-15.17
				1RB65	23.88	23.85	26.88	43.00	-16.12
				Full RB	23.63	23.11	26.39	43.00	-16.61
		2077891	27923.52	1RB0	23.88	23.28	26.60	43.00	-16.40
				1RB32	25.98	24.59	28.35	43.00	-14.65
				1RB65	23.92	24.10	27.02	43.00	-15.98
				Full RB	23.64	23.35	26.51	43.00	-16.49
		2084035	28292.16	1RB0	23.55	23.68	26.63	43.00	-16.37
				1RB32	26.28	24.59	28.53	43.00	-14.47
				1RB65	23.80	23.63	26.73	43.00	-16.27
				Full RB	23.62	22.71	26.20	43.00	-16.80
1CC	16QAM	2071821	27559.32	1RB0	21.79	21.89	24.85	43.00	-18.15
				1RB32	23.17	22.88	26.04	43.00	-16.96
				1RB65	21.79	21.81	24.81	43.00	-18.19
				Full RB	21.69	21.19	24.46	43.00	-18.54
		2077891	27923.52	1RB0	21.88	21.23	24.58	43.00	-18.42
				1RB32	23.77	23.16	26.49	43.00	-16.51
				1RB65	21.89	22.11	25.01	43.00	-17.99
				Full RB	21.66	21.33	24.51	43.00	-18.49
		2084035	28292.16	1RB0	21.54	21.59	24.58	43.00	-18.42
				1RB32	24.36	22.59	26.57	43.00	-16.43
				1RB65	21.89	21.60	24.76	43.00	-18.24
				Full RB	21.66	20.76	24.24	43.00	-18.76
1CC	64QAM	2071821	27559.32	1RB0	18.79	18.91	21.86	43.00	-21.14
				1RB32	20.16	19.81	23.00	43.00	-20.00
				1RB65	18.87	18.81	21.85	43.00	-21.15
				Full RB	18.59	18.13	21.38	43.00	-21.62
		2077891	27923.52	1RB0	18.49	18.21	21.36	43.00	-21.64
				1RB32	20.79	20.16	23.50	43.00	-19.50
				1RB65	18.89	19.16	22.04	43.00	-20.96
				Full RB	18.66	18.36	21.52	43.00	-21.48
		2084035	28292.16	1RB0	18.49	18.66	21.59	43.00	-21.41
				1RB32	21.13	19.51	23.41	43.00	-19.59
				1RB65	18.89	18.64	21.78	43.00	-21.22
				Full RB	18.65	17.66	21.19	43.00	-21.81

Component Carriers	Modulation	Channel	Freq. (MHz)	RB Condition	Spectrum Reading / EIRP (dBm)			Limt (dBm)	Margin (dB)
					Worst Beam ID		MIMO Beam		
					30	158	30+158		
2CC	QPSK	2071831+ 2073489	27610	1RB0	17.65	17.95	20.81	43.00	-22.19
				1RB32	18.02	18.01	21.03	43.00	-21.97
				1RB65	17.44	17.89	20.68	43.00	-22.32
				Full RB	18.62	18.77	21.71	43.00	-21.29
		2077833+ 2079500	27970	1RB0	18.57	18.42	21.51	43.00	-21.49
				1RB32	18.88	18.59	21.75	43.00	-21.25
				1RB65	18.64	18.56	21.61	43.00	-21.39
				Full RB	19.70	19.45	22.59	43.00	-20.41
		2082333+ 2084001	28240	1RB0	18.34	18.46	21.41	43.00	-21.59
				1RB32	18.97	18.59	21.79	43.00	-21.21
				1RB65	18.30	18.57	21.45	43.00	-21.55
				Full RB	19.72	19.38	22.56	43.00	-20.44
2CC	16QAM	2071831+ 2073489	27610	1RB0	15.61	15.91	18.77	43.00	-24.23
				1RB32	16.02	16.01	19.03	43.00	-23.97
				1RB65	15.44	15.88	18.68	43.00	-24.32
				Full RB	16.66	16.78	19.73	43.00	-23.27
		2077833+ 2079500	27970	1RB0	16.54	16.42	19.49	43.00	-23.51
				1RB32	16.81	16.51	19.67	43.00	-23.33
				1RB65	16.61	16.61	19.62	43.00	-23.38
				Full RB	17.73	17.40	20.58	43.00	-22.42
		2082333+ 2084001	28240	1RB0	16.36	16.44	19.41	43.00	-23.59
				1RB32	16.98	16.58	19.79	43.00	-23.21
				1RB65	16.33	16.56	19.46	43.00	-23.54
				Full RB	17.72	17.39	20.57	43.00	-22.43
2CC	64QAM	2071831+ 2073489	27610	1RB0	12.65	12.95	15.81	43.00	-27.19
				1RB32	13.01	16.03	17.79	43.00	-25.21
				1RB65	12.49	12.88	15.70	43.00	-27.30
				Full RB	13.66	13.71	16.70	43.00	-26.30
		2077833+ 2079500	27970	1RB0	13.51	13.44	16.49	43.00	-26.51
				1RB32	13.87	13.51	16.70	43.00	-26.30
				1RB65	13.61	13.51	16.57	43.00	-26.43
				Full RB	14.70	14.41	17.57	43.00	-25.43
		2082333+ 2084001	28240	1RB0	13.39	13.46	16.44	43.00	-26.56
				1RB32	13.91	13.59	16.76	43.00	-26.24
				1RB65	13.32	13.51	16.43	43.00	-26.57
				Full RB	14.70	14.35	17.54	43.00	-25.46

Spectrum Plot of Worst Value	
1CC / QPSK / Low Channel	1CC / QPSK / Mid Channel
	
1CC / QPSK / High Channel	
	
2CC / QPSK / Low Channel	2CC / QPSK / Mid Channel
	
2CC / QPSK / High Channel	
	

Note: The test results already include the correction factor (corrections: On)

4.3 Emission Bandwidth Measurement

4.3.1 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.

4.3.2 Test Setup

Refer to section 4.2.2

4.3.3 Test Instruments

Refer to section 4.2.3 to get information of above instrument.

4.3.4 Test Procedure

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

4.3.5 Deviation from Test Standard

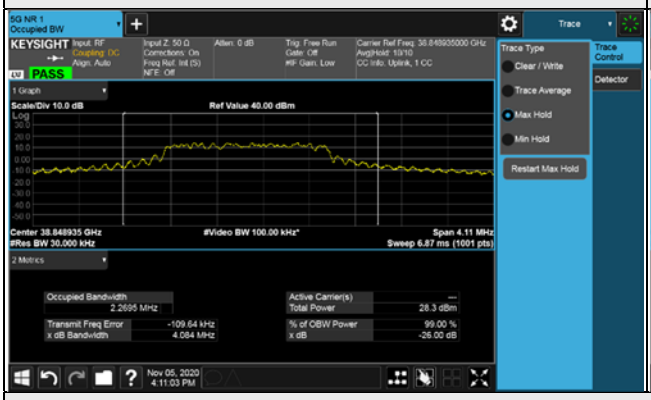
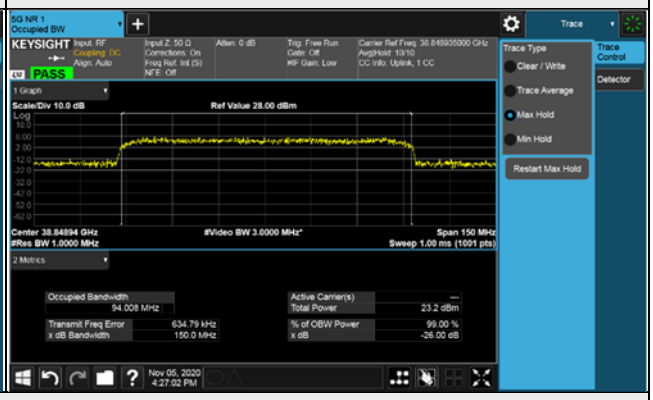
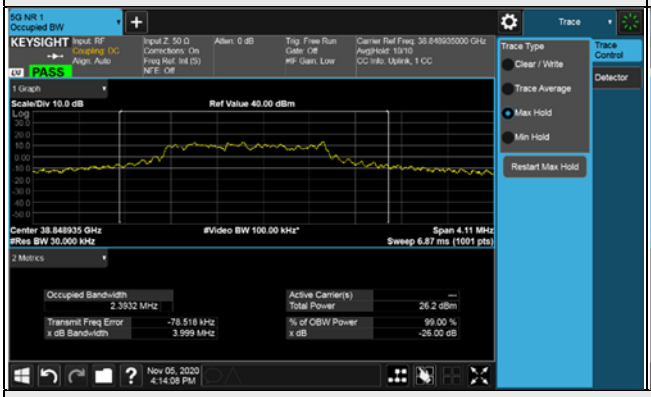
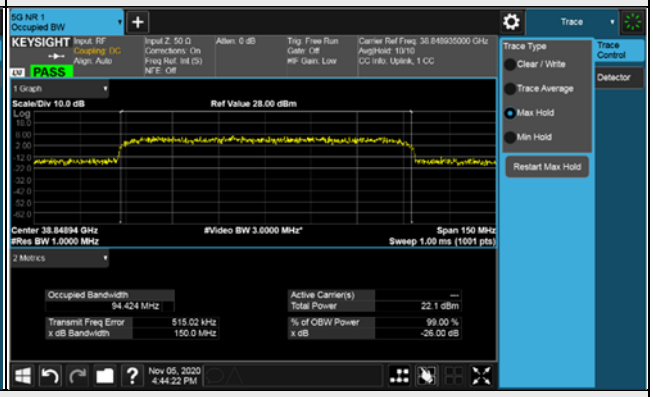
No deviation.

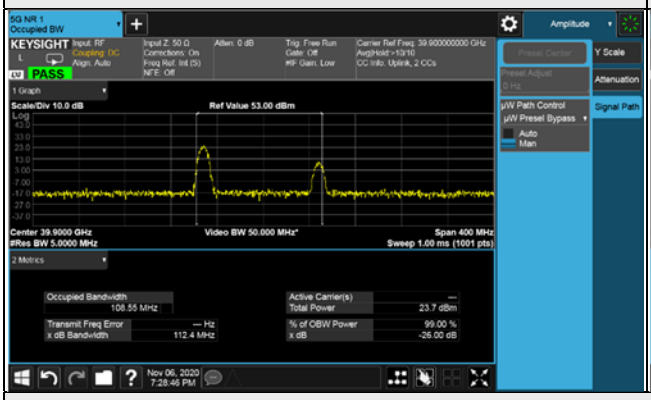
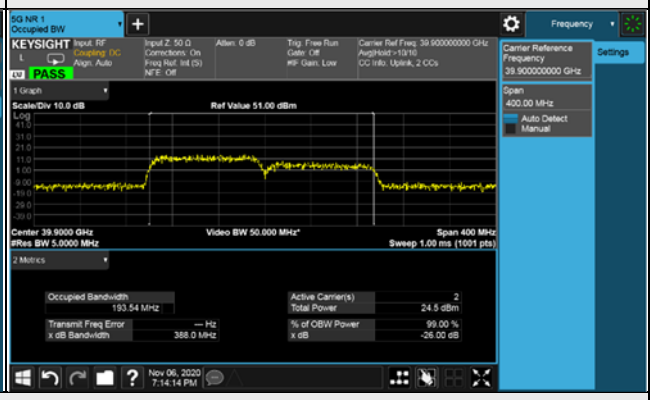
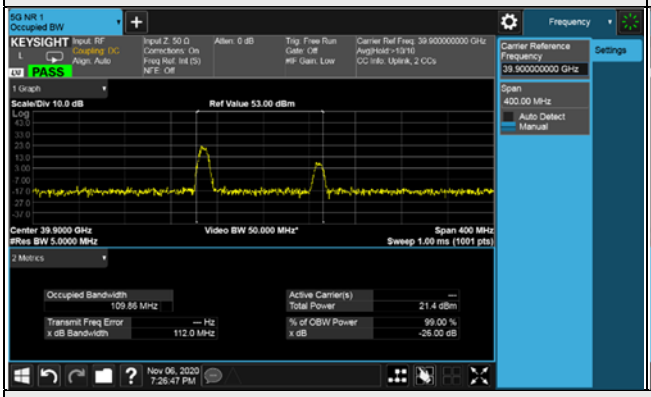
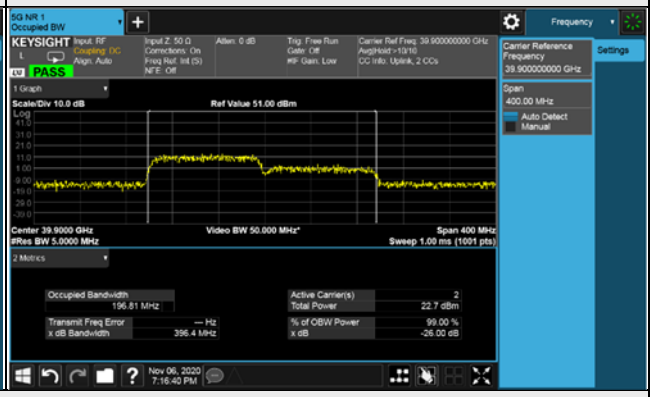
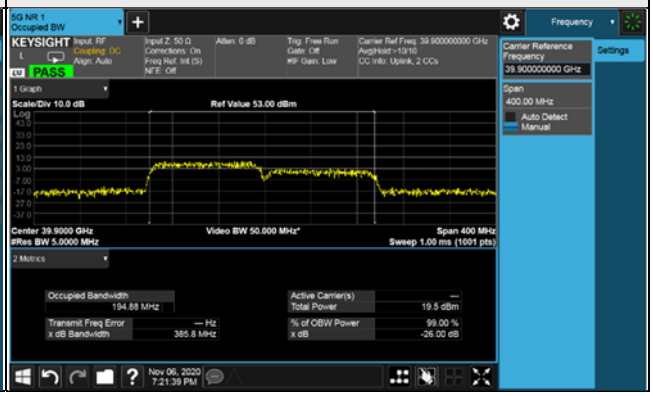
4.3.6 EUT Operating Conditions

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

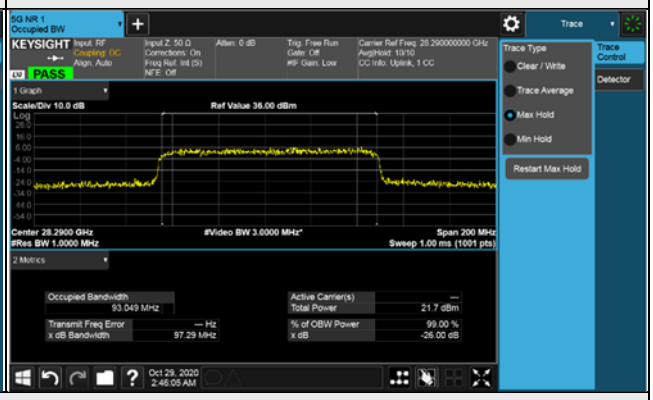
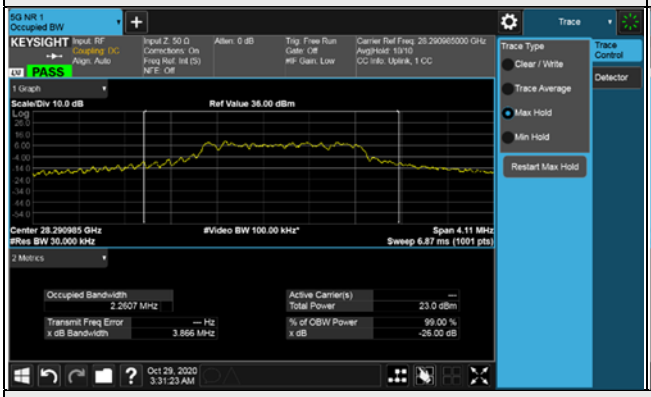
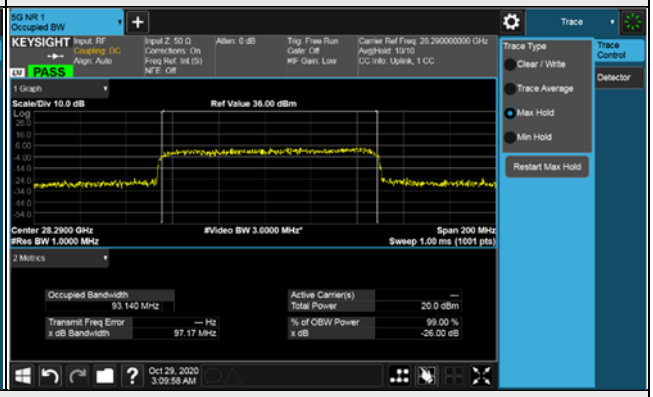
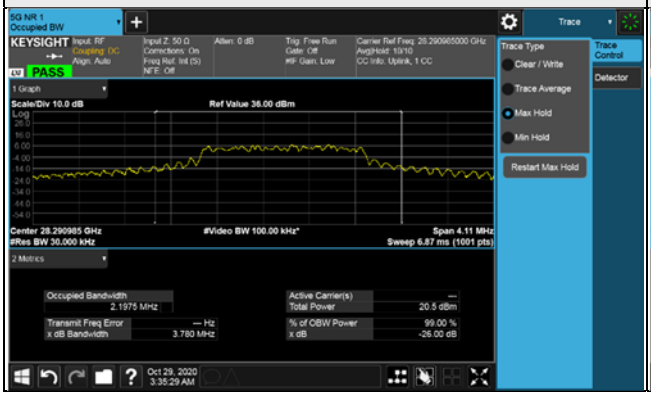
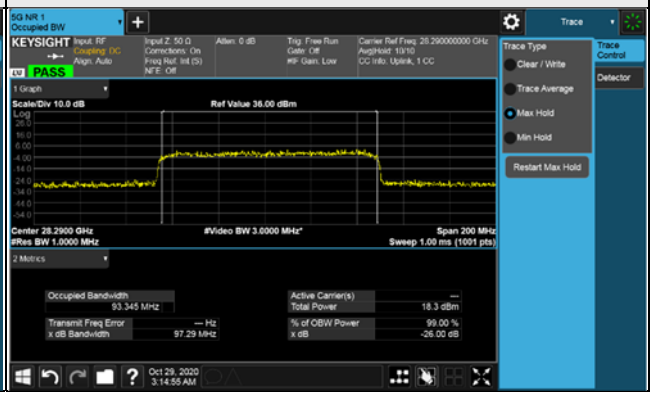
4.3.7 Test Result

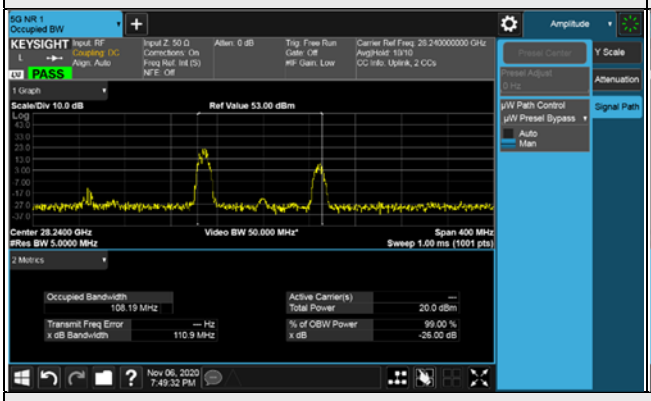
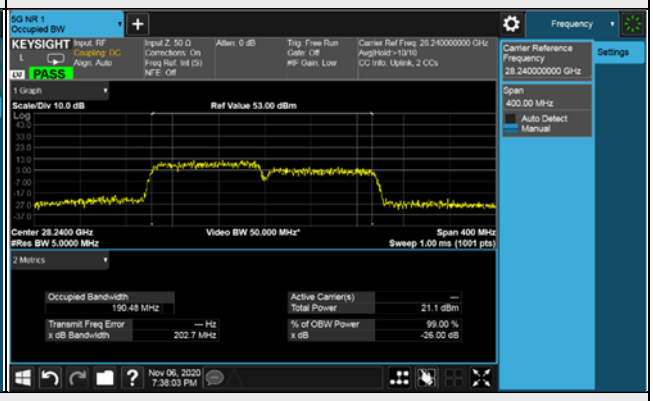
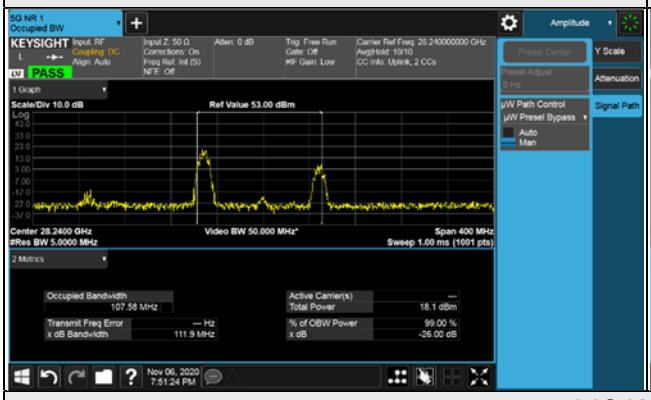
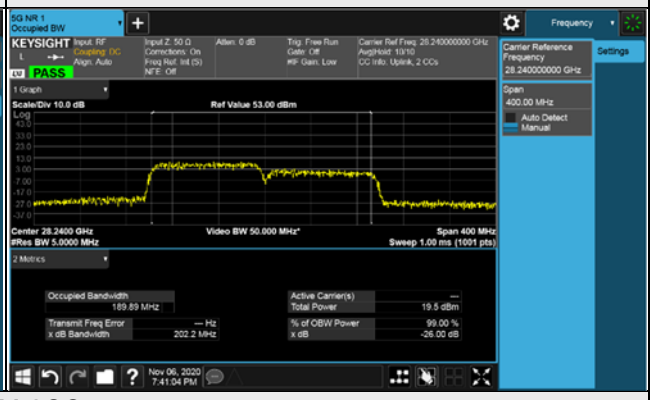
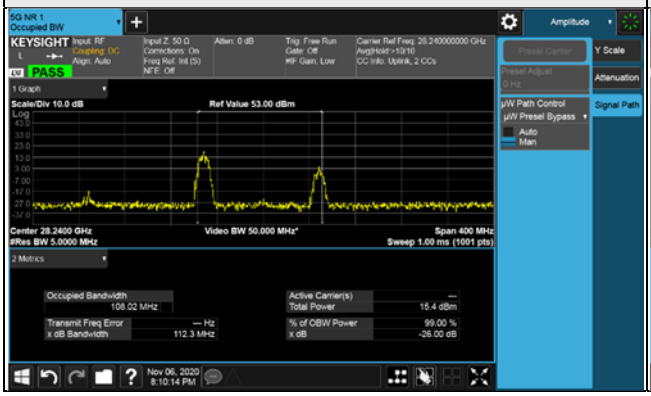
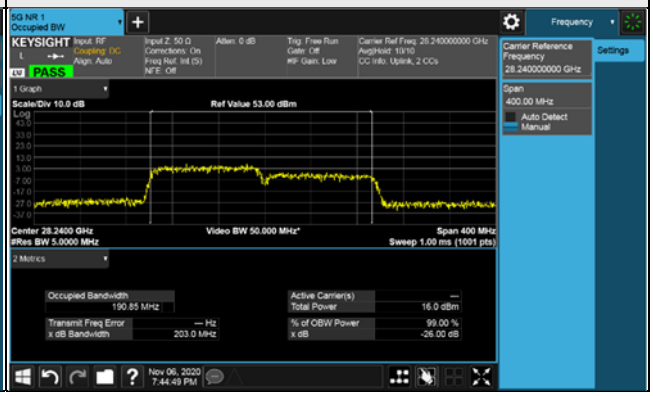
Band	Component Carriers	Modulation	RB	Occupied Bandwidth (MHz)		
				Low channel	Middle channel	High Channel
n260	1CC	QPSK	1RB32	2.2368	2.2695	2.2262
			Full RB	93.623	94.008	93.734
		16QAM	1RB32	2.2843	2.3932	2.2372
			Full RB	94.236	94.424	94.134
		64QAM	1RB32	2.4134	2.4422	2.4056
			Full RB	94.623	97.96	94.634
	2CC	QPSK	1RB32	108.32	108.55	108.23
			Full RB	192.83	193.54	193.26
		16QAM	1RB32	109.26	109.86	109.54
			Full RB	196.34	196.81	196.23
		64QAM	1RB32	111.73	112.09	111.64
			Full RB	194.38	194.88	194.43

Spectrum Plot of Worst Value	
QPSK-1CC	
1RB32	Full RB
	
16QAM-1CC	
1RB32	Full RB
	
64QAM-1CC	
1RB32	Full RB
	

Spectrum Plot of Worst Value	
QPSK-2CC	
1RB32	Full RB
	
16QAM-2CC	
1RB32	Full RB
	
64QAM-2CC	
1RB32	Full RB
	

Band	Component Carriers	Modulation	RB	Occupied Bandwidth (MHz)		
				Low channel	Middle channel	High Channel
n261	1CC	QPSK	1RB32	1.8622	1.9622	1.9933
			Full RB	93.026	93.035	93.049
		16QAM	1RB32	2.2534	2.2469	2.2607
			Full RB	93.01	93.09	93.14
		64QAM	1RB32	2.1962	2.1841	2.1975
			Full RB	93.282	93.273	93.345
	2CC	QPSK	1RB32	107.86	107.91	108.19
			Full RB	190.23	190.03	190.48
		16QAM	1RB32	107.29	107.36	107.58
			Full RB	189.56	189.39	189.89
		64QAM	1RB32	107.89	107.96	108.02
			Full RB	190.69	190.73	190.85

Spectrum Plot of Worst Value	
QPSK-1CC	
1RB32	Full RB
	
16QAM-1CC	
1RB32	Full RB
	
64QAM-1CC	
1RB32	Full RB
	

Spectrum Plot of Worst Value	
QPSK-2CC	
1RB32	Full RB
	
16QAM-2CC	
1RB32	Full RB
	
64QAM-2CC	
1RB32	Full RB
	

4.4 Out-of-Band Spurious Emission Measurement

4.4.1 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.

4.4.2 Test Instruments

Refer to section 4.2.3 to get information of above instrument.

4.4.3 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 invertigated 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 v01 Section 4.4.2 and Sectiom 4.4.3

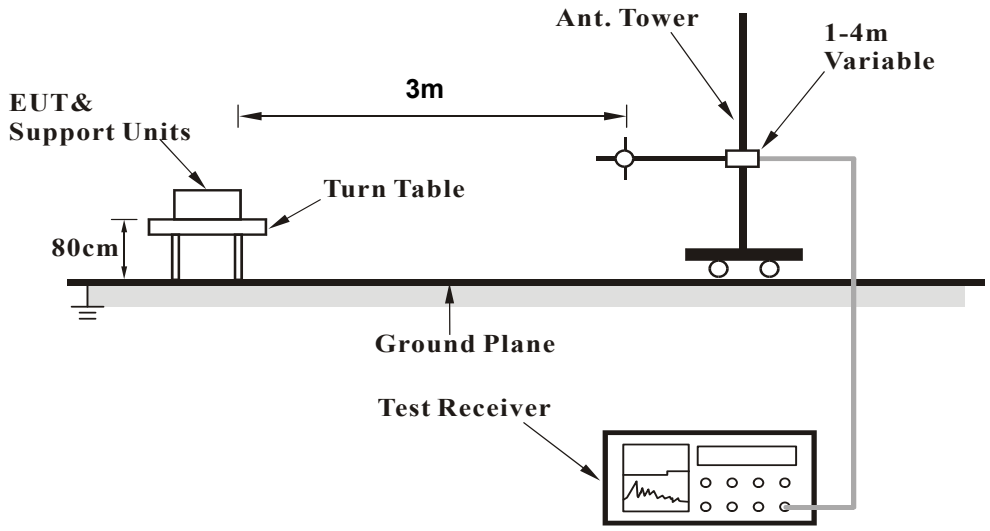
EUT antenna of far field distance		
Measurement Frequency range	Far Field calculation distance	Measurement Distance (Far field)
Below 18GHz	0.07m	3m
18GHz to 40GHz	0.14m	2m
40GHz to 200GHz	0.14m to 0.72m	1m
Note: EUT Antenna Dimension is 23mm length, 4.2mm thick.		
Measurement antenna of far field distance		
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

4.4.4 Deviation from Test Standard

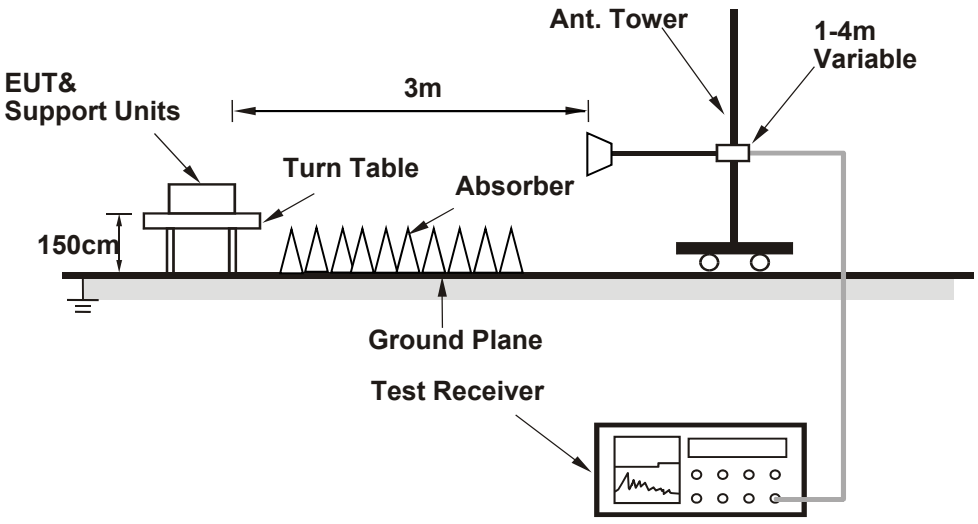
No deviation.

4.4.5 Test Set Up

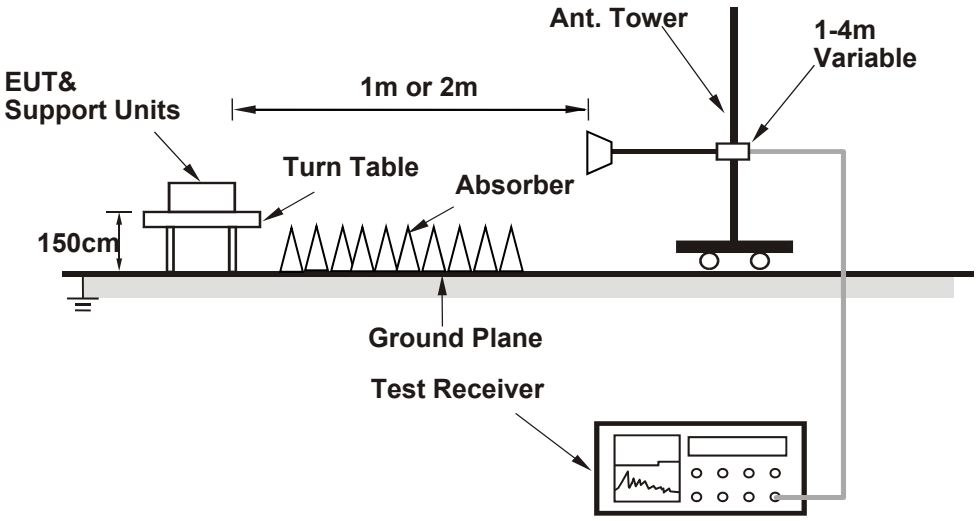
<Frequency Range below 1GHz>



<Frequency Range 1GHz ~ 18GHz>



<Frequency Range above 18GHz>



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

4.4.6 EUT Operating Conditions

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

4.4.7 Test Result

n260

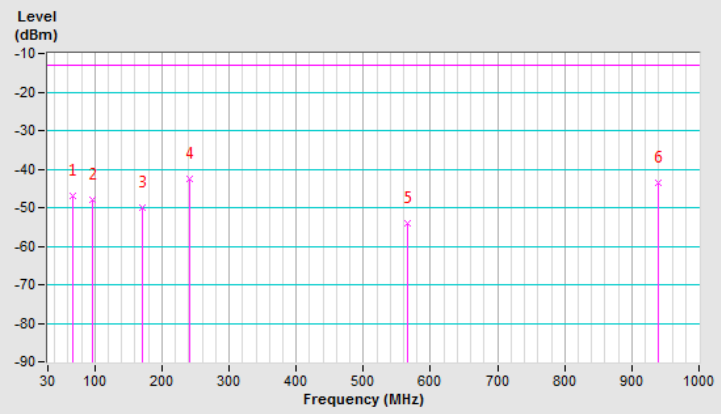
Below 1GHz Data:

Beam ID	170	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.86	-47.0	-13.0	-34.0	1.99 H	170	58.4	-105.4
2	95.96	-48.1	-13.0	-35.1	1.00 H	223	60.9	-109.0
3	171.62	-50.0	-13.0	-37.0	1.49 H	209	54.6	-104.6
4	241.46	-42.7	-13.0	-29.7	1.99 H	140	62.5	-105.2
5	565.44	-53.9	-13.0	-40.9	1.00 H	249	43.9	-97.8
6	939.86	-43.5	-13.0	-30.5	1.99 H	130	44.6	-88.1

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

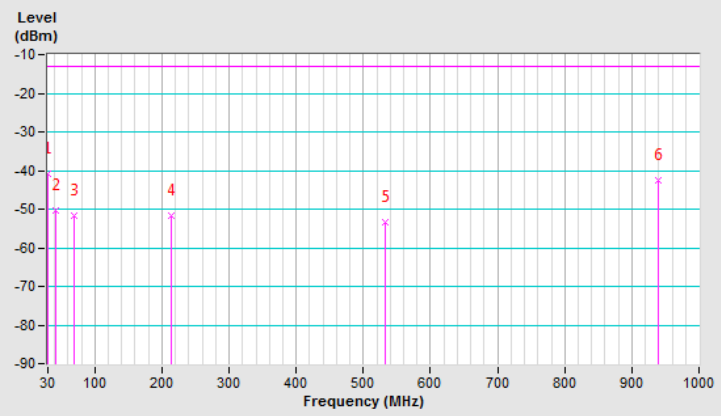


Beam ID	170	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-41.0	-13.0	-28.0	1.00 V	66	64.4	-105.4
2	41.64	-50.3	-13.0	-37.3	1.51 V	229	54.2	-104.5
3	68.80	-51.7	-13.0	-38.7	1.00 V	277	54.4	-106.1
4	214.30	-51.8	-13.0	-38.8	1.00 V	159	54.9	-106.7
5	532.46	-53.4	-13.0	-40.4	1.00 V	191	45.1	-98.5
6	939.86	-42.5	-13.0	-29.5	1.00 V	125	45.6	-88.1

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

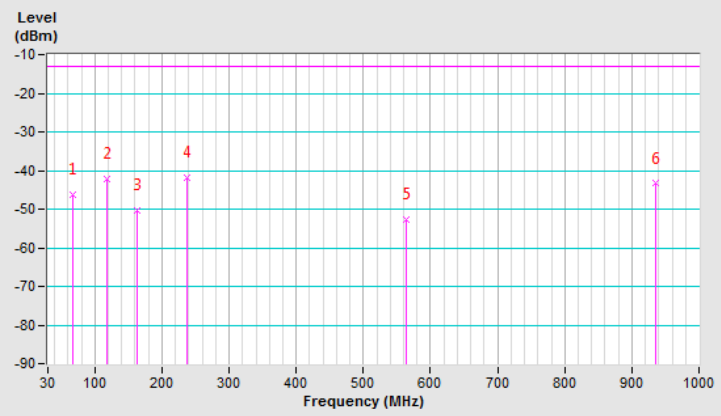


Beam ID	170	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.86	-46.2	-13.0	-33.2	2.00 H	188	59.2	-105.4
2	117.30	-42.1	-13.0	-29.1	1.51 H	288	64.4	-106.5
3	163.86	-50.4	-13.0	-37.4	1.51 H	219	53.8	-104.2
4	237.58	-42.0	-13.0	-29.0	1.01 H	150	63.5	-105.5
5	563.50	-52.7	-13.0	-39.7	1.01 H	264	45.1	-97.8
6	935.98	-43.4	-13.0	-30.4	1.51 H	347	44.9	-88.3

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

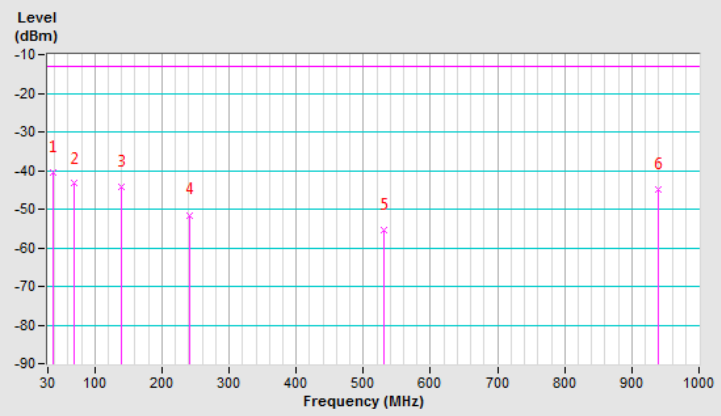


Beam ID	170	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.76	-40.4	-13.0	-27.4	1.49 V	8	64.4	-104.8
2	68.80	-43.4	-13.0	-30.4	1.00 V	137	62.7	-106.1
3	138.64	-44.2	-13.0	-31.2	1.99 V	91	60.4	-104.6
4	241.46	-51.5	-13.0	-38.5	1.49 V	7	53.7	-105.2
5	530.52	-55.5	-13.0	-42.5	1.00 V	190	43.0	-98.5
6	939.86	-45.0	-13.0	-32.0	1.49 V	80	43.1	-88.1

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

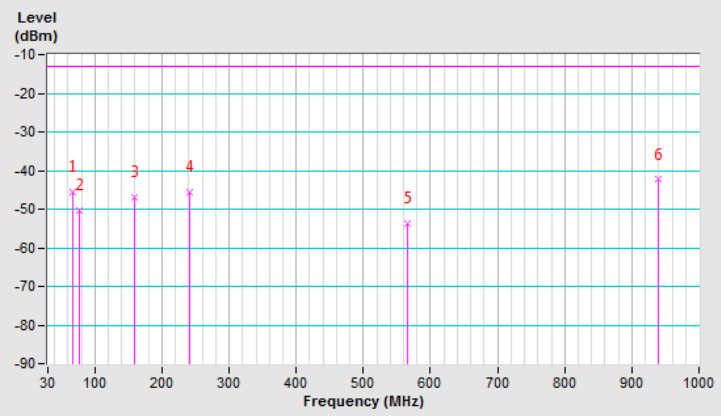


Beam ID	170	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.86	-45.7	-13.0	-32.7	1.99 H	172	59.7	-105.4
2	76.56	-50.2	-13.0	-37.2	1.49 H	352	57.3	-107.5
3	159.98	-47.1	-13.0	-34.1	1.99 H	223	56.8	-103.9
4	241.46	-45.7	-13.0	-32.7	1.00 H	161	59.5	-105.2
5	565.44	-53.7	-13.0	-40.7	1.49 H	268	44.1	-97.8
6	939.86	-42.4	-13.0	-29.4	1.00 H	13	45.7	-88.1

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

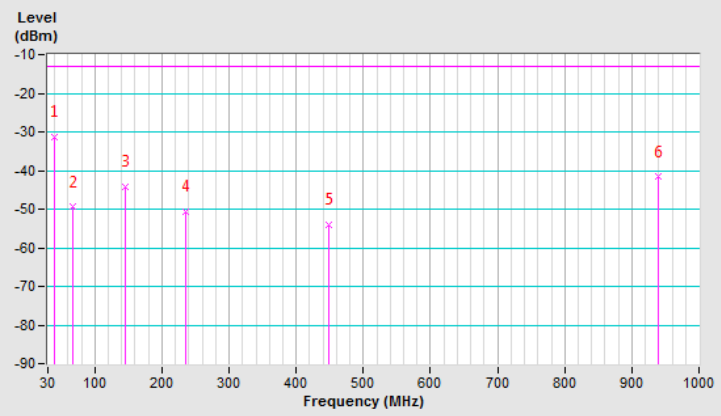


Beam ID	170	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.70	-31.4	-13.0	-18.4	1.01 V	64	73.4	-104.8
2	66.86	-49.5	-13.0	-36.5	1.01 V	286	55.9	-105.4
3	144.46	-44.2	-13.0	-31.2	1.01 V	73	60.0	-104.2
4	235.64	-50.8	-13.0	-37.8	1.01 V	100	54.9	-105.7
5	449.04	-54.2	-13.0	-41.2	2.00 V	155	45.9	-100.1
6	939.86	-41.7	-13.0	-28.7	1.01 V	137	46.4	-88.1

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

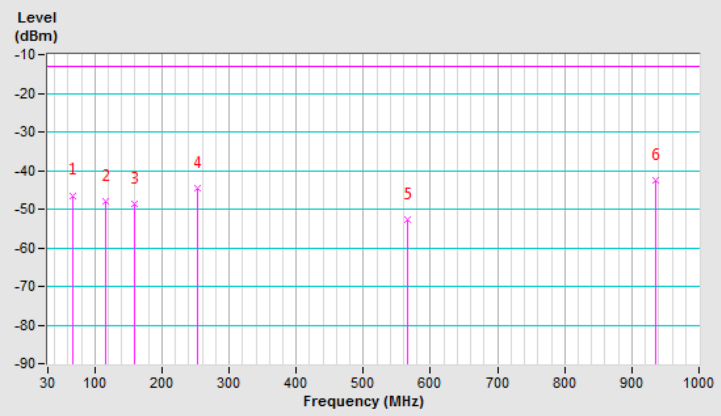


Beam ID	42+170	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.86	-46.4	-13.0	-33.4	1.50 H	12	59.0	-105.4
2	115.36	-47.8	-13.0	-34.8	1.01 H	312	58.9	-106.7
3	159.98	-48.5	-13.0	-35.5	1.50 H	217	55.4	-103.9
4	253.10	-44.6	-13.0	-31.6	1.01 H	51	60.1	-104.7
5	565.44	-52.7	-13.0	-39.7	1.01 H	271	45.1	-97.8
6	935.98	-42.6	-13.0	-29.6	1.50 H	12	45.7	-88.3

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

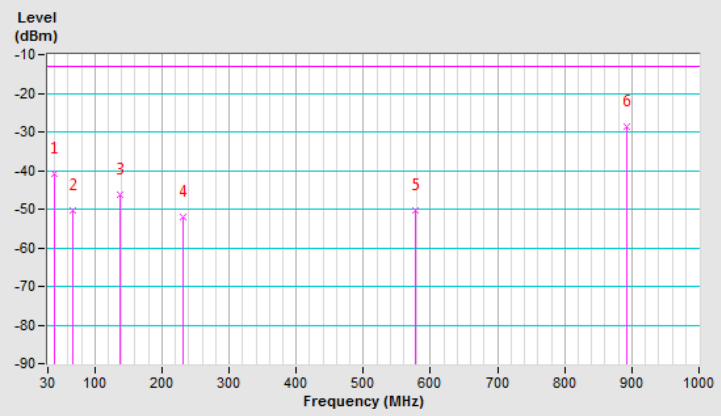


Beam ID	42+170	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.70	-40.8	-13.0	-27.8	1.49 V	8	64.0	-104.8
2	66.86	-50.5	-13.0	-37.5	1.00 V	282	54.9	-105.4
3	136.70	-46.4	-13.0	-33.4	1.00 V	63	58.3	-104.7
4	231.76	-52.0	-13.0	-39.0	1.00 V	86	54.4	-106.4
5	577.08	-50.5	-13.0	-37.5	1.49 V	29	46.8	-97.3
6	893.30	-28.6	-13.0	-15.6	1.00 V	12	60.8	-89.4

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

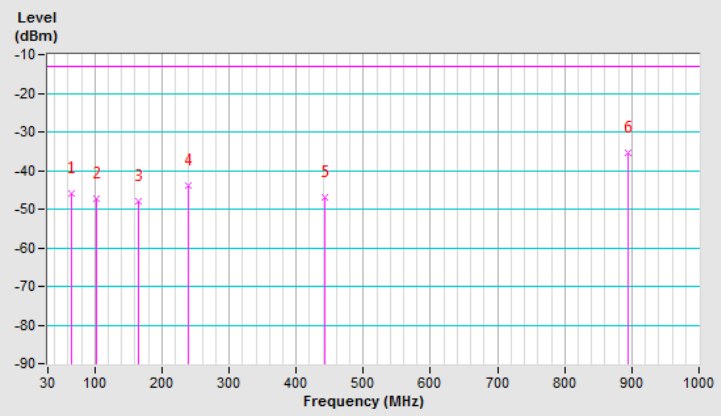


Beam ID	42+170	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	64.92	-46.0	-13.0	-33.0	1.99 H	183	59.5	-105.5
2	101.78	-47.2	-13.0	-34.2	1.00 H	221	61.2	-108.4
3	165.80	-47.9	-13.0	-34.9	1.99 H	206	56.3	-104.2
4	239.52	-43.8	-13.0	-30.8	1.49 H	121	61.5	-105.3
5	443.22	-46.9	-13.0	-33.9	1.99 H	290	53.2	-100.1
6	895.24	-35.4	-13.0	-22.4	1.00 H	21	54.0	-89.4

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

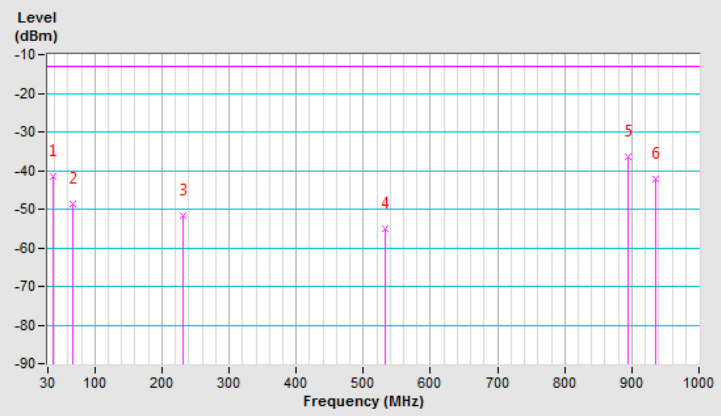


Beam ID	42+170	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.76	-41.5	-13.0	-28.5	1.01 V	206	63.3	-104.8
2	66.86	-48.7	-13.0	-35.7	1.01 V	302	56.7	-105.4
3	231.76	-51.6	-13.0	-38.6	1.01 V	258	54.8	-106.4
4	532.46	-55.1	-13.0	-42.1	1.01 V	193	43.4	-98.5
5	895.24	-36.6	-13.0	-23.6	2.00 V	225	52.8	-89.4
6	935.98	-42.1	-13.0	-29.1	2.00 V	7	46.2	-88.3

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

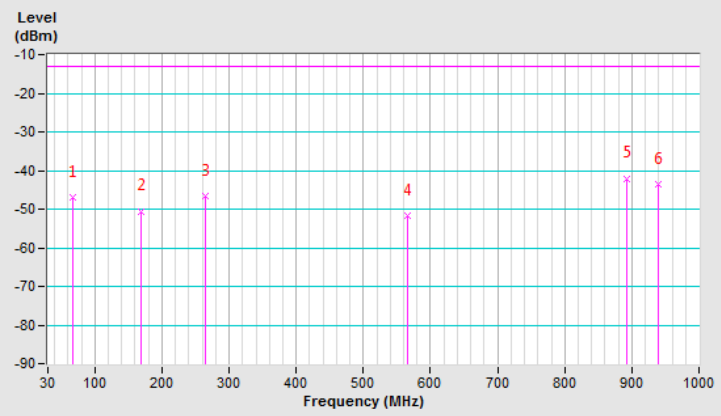


Beam ID	42+170	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.86	-47.0	-13.0	-34.0	1.99 H	163	58.4	-105.4
2	169.68	-50.5	-13.0	-37.5	1.50 H	16	54.0	-104.5
3	264.74	-46.5	-13.0	-33.5	1.01 H	327	57.6	-104.1
4	565.44	-51.6	-13.0	-38.6	1.01 H	263	46.2	-97.8
5	893.30	-42.0	-13.0	-29.0	1.50 H	223	47.4	-89.4
6	939.86	-43.6	-13.0	-30.6	1.50 H	256	44.5	-88.1

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

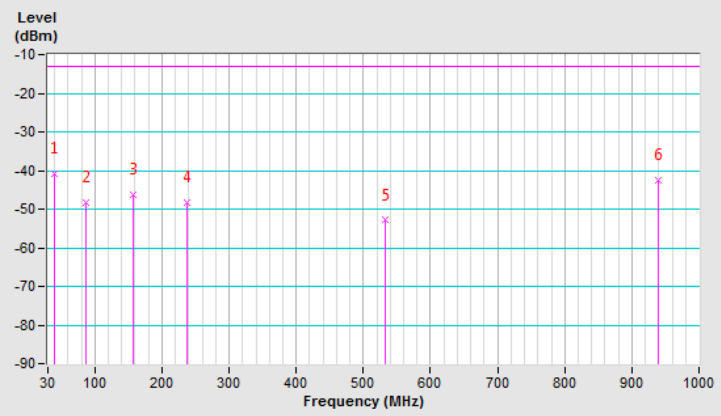


Beam ID	42+170	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.70	-40.9	-13.0	-27.9	1.00 V	63	63.9	-104.8
2	86.26	-48.3	-13.0	-35.3	1.00 V	215	61.3	-109.6
3	158.04	-46.2	-13.0	-33.2	1.00 V	289	57.7	-103.9
4	237.58	-48.3	-13.0	-35.3	1.00 V	86	57.2	-105.5
5	532.46	-52.9	-13.0	-39.9	1.00 V	211	45.6	-98.5
6	939.86	-42.5	-13.0	-29.5	1.00 V	100	45.6	-88.1

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15.
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.



Above 1GHz Data:

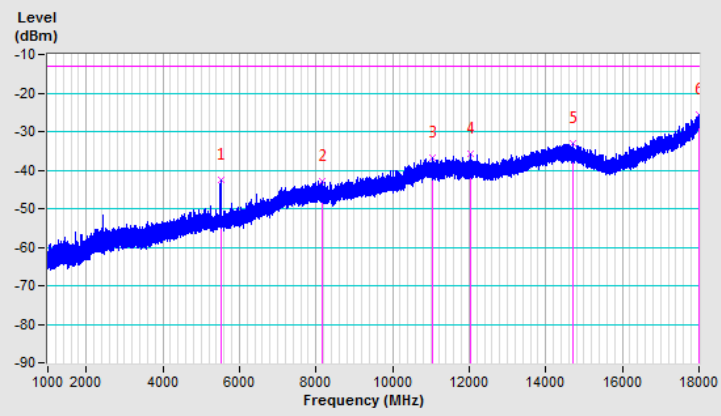
1GHz ~ 18GHz:

Beam ID	170	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	5507.55	-42.68	-13.00	-29.68	1.00 H	123	42.29	-84.97
2	8175.27	-42.89	-13.00	-29.89	1.50 H	272	37.27	-80.16
3	11040.62	-36.63	-13.00	-23.63	1.50 H	333	37.30	-73.93
4	12040.23	-35.83	-13.00	-22.83	1.00 H	280	38.05	-73.88
5	14694.35	-33.13	-13.00	-20.13	1.50 H	333	36.76	-69.89
6	17996.60	-25.62	-13.00	-12.62	1.50 H	307	35.85	-61.47

Remarks:

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

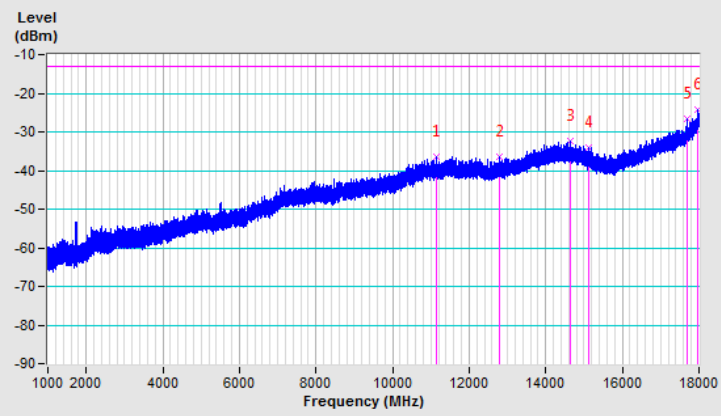


Beam ID	170	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Vertical

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	11132.00	-36.42	-13.00	-23.42	1.00 V	290	37.76	-74.18
2	12798.42	-36.51	-13.00	-23.51	1.50 V	132	37.37	-73.88
3	14650.58	-32.49	-13.00	-19.49	1.50 V	37	37.25	-69.74
4	15131.67	-33.94	-13.00	-20.94	1.00 V	228	37.55	-71.49
5	17687.62	-26.63	-13.00	-13.63	1.50 V	11	38.32	-64.95
6	17979.17	-24.29	-13.00	-11.29	2.00 V	290	37.51	-61.80

Remarks:

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

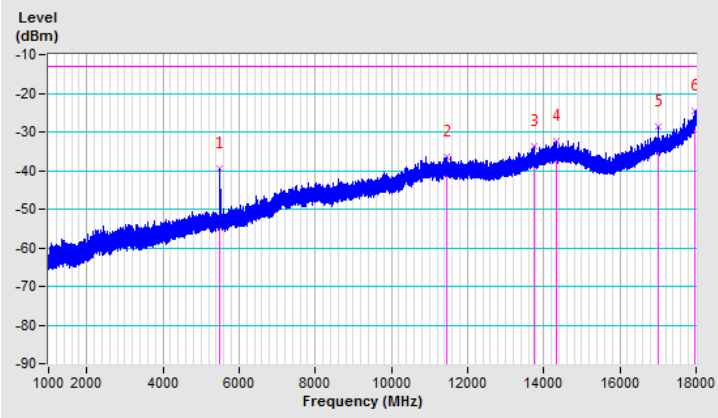


Beam ID	170	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Horizontal

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	5501.60	-39.39	-13.00	-26.39	1.00 H	168	45.58	-84.97
2	11462.23	-36.42	-13.00	-23.42	1.50 H	272	37.39	-73.81
3	13754.67	-33.61	-13.00	-20.61	1.50 H	220	37.74	-71.35
4	14339.48	-32.36	-13.00	-19.36	2.00 H	12	37.25	-69.61
5	16999.97	-28.54	-13.00	-15.54	1.50 H	46	39.58	-68.12
6	17977.47	-24.48	-13.00	-11.48	1.00 H	333	37.35	-61.83

Remarks:

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

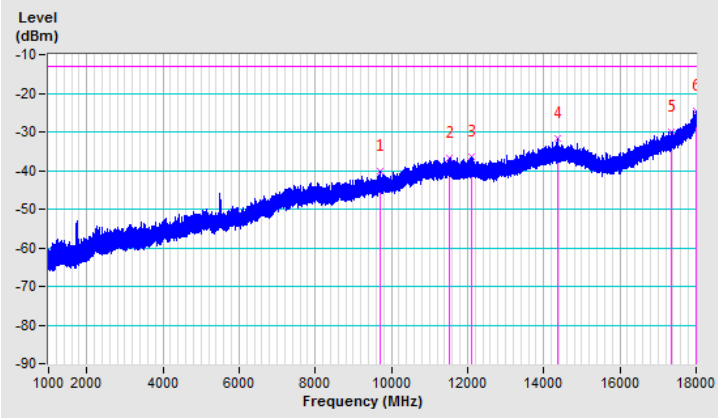


Beam ID	170	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Vertical

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	9721.42	-40.32	-13.00	-27.32	1.50 V	151	37.12	-77.44
2	11530.65	-36.63	-13.00	-23.63	2.00 V	8	37.19	-73.82
3	12096.75	-36.32	-13.00	-23.32	1.50 V	54	37.56	-73.88
4	14364.98	-31.59	-13.00	-18.59	1.00 V	25	38.06	-69.65
5	17357.83	-29.97	-13.00	-16.97	1.50 V	89	36.84	-66.81
6	17994.90	-24.51	-13.00	-11.51	2.00 V	246	37.00	-61.51

Remarks:

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

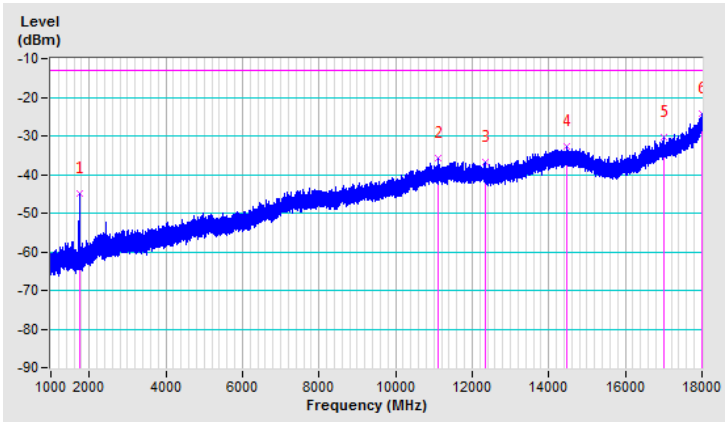


Beam ID	170	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Horizontal

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	1741.20	-44.91	-13.00	-31.91	2.00 H	8	51.83	-96.74
2	11115.42	-35.80	-13.00	-22.80	1.50 H	67	38.34	-74.14
3	12336.02	-36.66	-13.00	-23.66	1.50 H	187	37.58	-74.24
4	14464.85	-32.62	-13.00	-19.62	1.00 H	118	37.01	-69.63
5	17017.40	-30.42	-13.00	-17.42	1.00 H	153	37.67	-68.09
6	17997.87	-24.27	-13.00	-11.27	1.50 H	67	37.18	-61.45

Remarks:

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

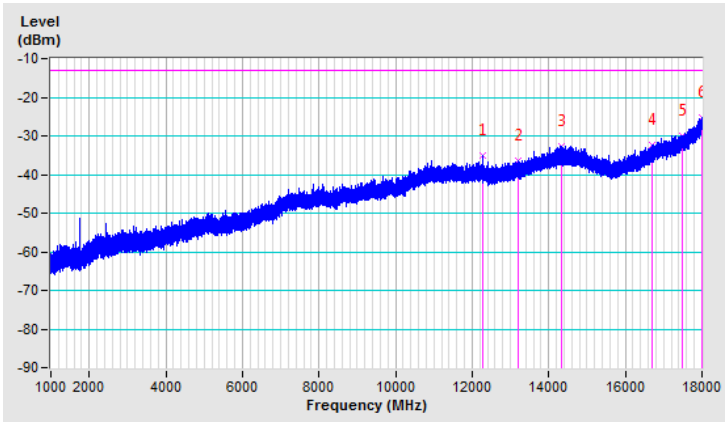


Beam ID	170	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Vertical

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	12277.37	-35.17	-13.00	-22.17	2.00 V	54	38.86	-74.03
2	13193.25	-36.30	-13.00	-23.30	1.00 V	72	36.86	-73.16
3	14339.05	-32.60	-13.00	-19.60	1.50 V	175	37.01	-69.61
4	16683.35	-32.40	-13.00	-19.40	1.00 V	158	37.23	-69.63
5	17495.10	-29.96	-13.00	-16.96	2.00 V	184	36.15	-66.11
6	17986.83	-25.28	-13.00	-12.28	1.50 V	12	36.38	-61.66

Remarks:

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

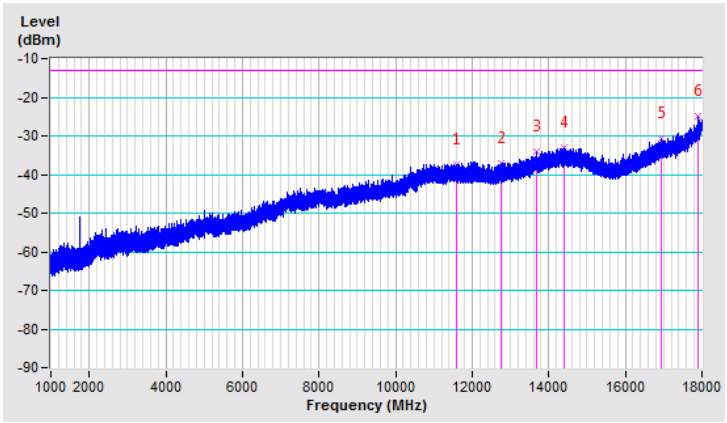


Beam ID	42+170	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Horizontal

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	11607.15	-37.31	-13.00	-24.31	1.00 H	257	36.61	-73.92
2	12755.50	-37.11	-13.00	-24.11	2.00 H	346	36.87	-73.98
3	13697.73	-33.92	-13.00	-20.92	1.50 H	188	37.42	-71.34
4	14404.08	-33.09	-13.00	-20.09	1.00 H	135	36.62	-69.71
5	16934.10	-30.57	-13.00	-17.57	1.50 H	24	37.68	-68.25
6	17907.78	-25.04	-13.00	-12.04	1.50 H	205	38.12	-63.16

Remarks:

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

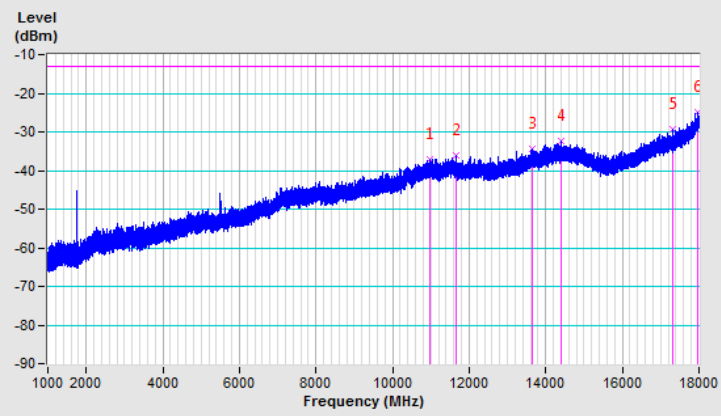


Beam ID	42+170	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Vertical

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	10986.23	-37.00	-13.00	-24.00	1.00 V	8	36.84	-73.84
2	11667.08	-36.24	-13.00	-23.24	1.50 V	334	37.77	-74.01
3	13636.52	-34.32	-13.00	-21.32	1.50 V	222	37.15	-71.47
4	14400.67	-32.34	-13.00	-19.34	1.00 V	187	37.37	-69.71
5	17307.67	-29.24	-13.00	-16.24	2.00 V	299	37.98	-67.22
6	17956.65	-25.06	-13.00	-12.06	1.50 V	179	37.17	-62.23

Remarks:

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

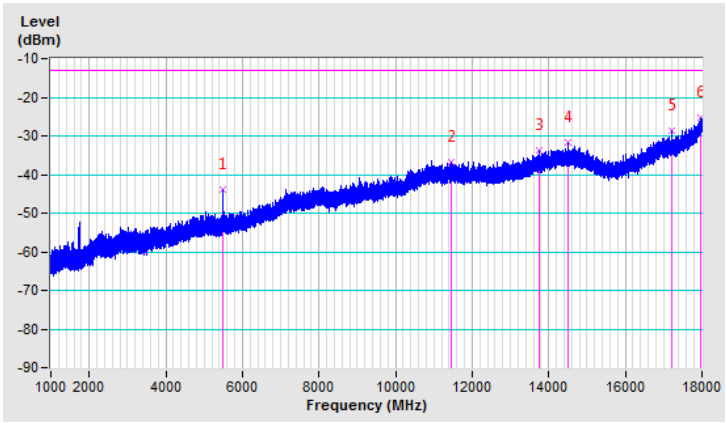


Beam ID	42+170	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Horizontal

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	5496.50	-43.88	-13.00	-30.88	1.50 H	67	41.08	-84.96
2	11463.92	-36.76	-13.00	-23.76	1.50 H	291	37.05	-73.81
3	13758.92	-33.89	-13.00	-20.89	2.00 H	49	37.47	-71.36
4	14497.58	-31.81	-13.00	-18.81	1.50 H	144	37.78	-69.59
5	17224.37	-28.66	-13.00	-15.66	1.00 H	144	38.78	-67.44
6	17953.25	-25.42	-13.00	-12.42	1.50 H	58	36.88	-62.30

Remarks:

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

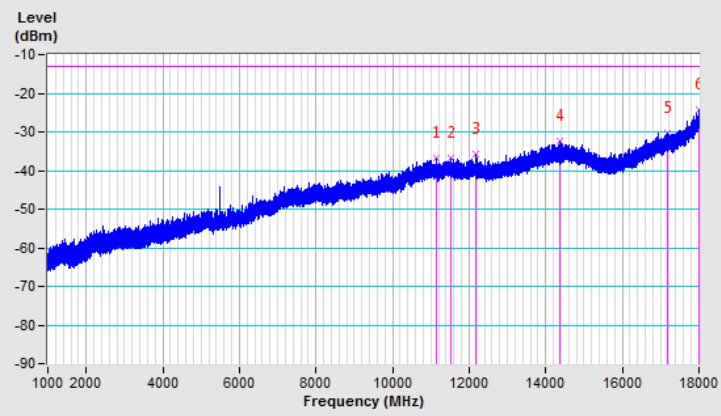


Beam ID	42+170	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Vertical

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	11161.33	-36.66	-13.00	-23.66	2.00 V	122	37.58	-74.24
2	11517.48	-36.87	-13.00	-23.87	1.50 V	261	36.94	-73.81
3	12179.20	-35.65	-13.00	-22.65	1.50 V	88	38.15	-73.80
4	14360.73	-32.54	-13.00	-19.54	1.00 V	338	37.10	-69.64
5	17163.60	-30.31	-13.00	-17.31	1.50 V	19	37.36	-67.67
6	17989.37	-24.29	-13.00	-11.29	1.00 V	88	37.32	-61.61

Remarks:

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

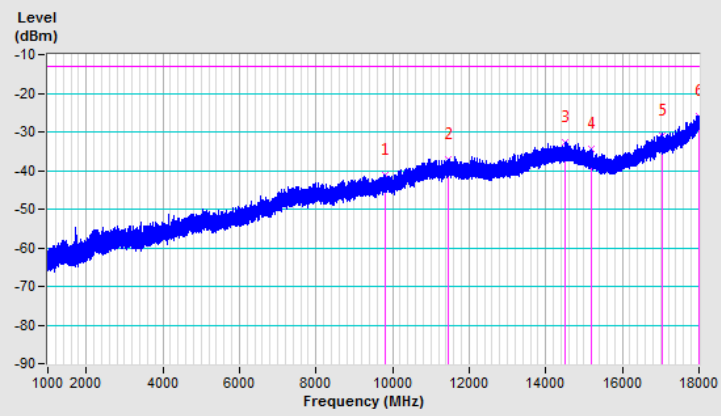


Beam ID	42+170	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Horizontal

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	9797.08	-41.18	-13.00	-28.18	1.00 H	159	36.10	-77.28
2	11460.10	-36.95	-13.00	-23.95	1.50 H	72	36.86	-73.81
3	14509.48	-32.56	-13.00	-19.56	2.00 H	89	37.02	-69.58
4	15190.33	-34.51	-13.00	-21.51	2.00 H	19	37.39	-71.90
5	17039.92	-30.91	-13.00	-17.91	1.50 H	247	37.15	-68.06
6	17996.17	-25.78	-13.00	-12.78	1.50 H	309	35.70	-61.48

Remarks:

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

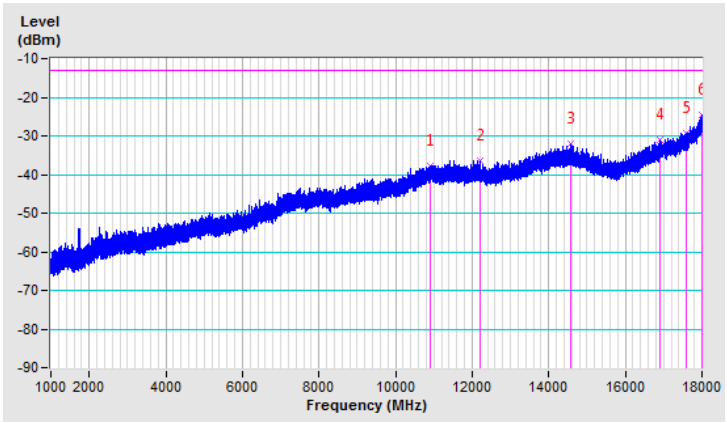


Beam ID	42+170	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Vertical

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	10894.85	-37.69	-13.00	-24.69	2.00 V	85	36.41	-74.10
2	12198.75	-36.30	-13.00	-23.30	1.50 V	8	37.48	-73.78
3	14564.73	-32.06	-13.00	-19.06	1.00 V	8	37.51	-69.57
4	16906.47	-31.12	-13.00	-18.12	1.50 V	39	37.18	-68.30
5	17584.35	-29.29	-13.00	-16.29	1.00 V	147	36.56	-65.85
6	17998.30	-24.52	-13.00	-11.52	2.00 V	165	36.92	-61.44

Remarks:

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



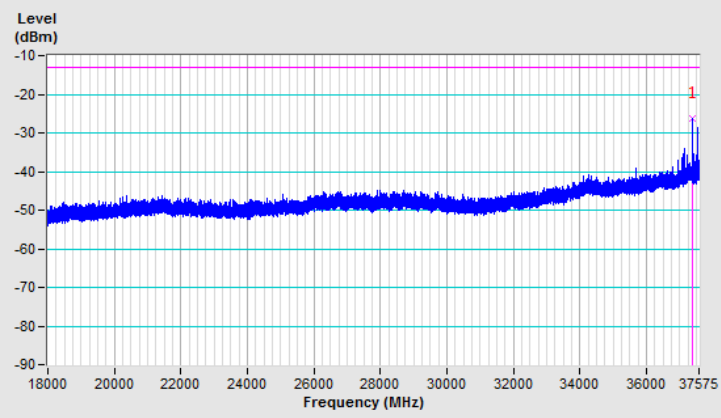
18GHz ~ 37.575GHz:

Beam ID	170	Frequency Range	18GHz ~ 37.575GHz
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	37389.04	-26.27	-13.00	-13.27	1.49 H	11	70.63	-96.90

Remarks:

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

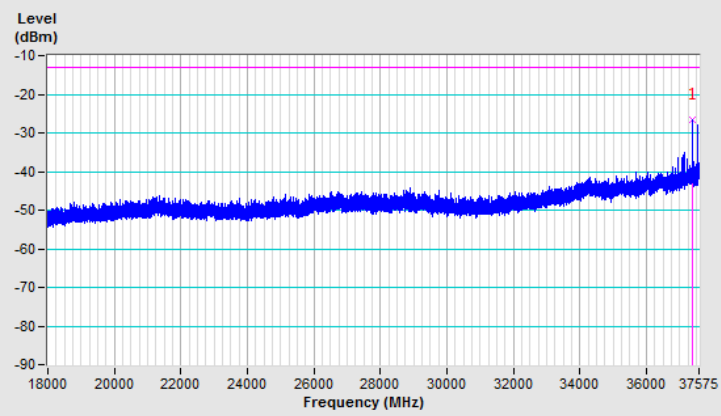


Beam ID	170	Frequency Range	18GHz ~ 37.575GHz
Channel	Low	Polarity	Vertical

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	37388.55	-26.49	-13.00	-13.49	1.49 V	354	70.41	-96.90

Remarks:

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

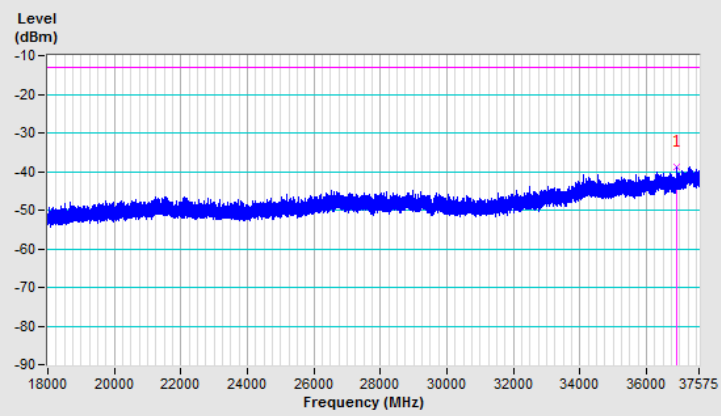


Beam ID	170	Frequency Range	18GHz ~ 37.575GHz
Channel	Mid	Polarity	Horizontal

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	36899.17	-38.76	-13.00	-25.76	1.49 H	4	58.67	-97.43

Remarks:

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

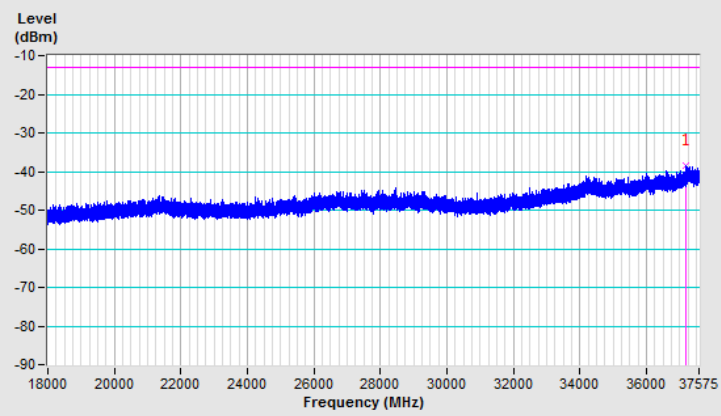


Beam ID	170	Frequency Range	18GHz ~ 37.575GHz
Channel	Mid	Polarity	Vertical

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	37196.71	-38.50	-13.00	-25.50	2.00 V	18	58.60	-97.10

Remarks:

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

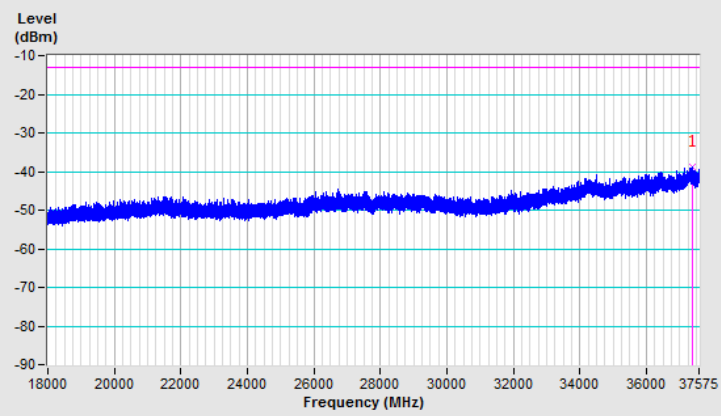


Beam ID	170	Frequency Range	18GHz ~ 37.575GHz
Channel	High	Polarity	Horizontal

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	37376.31	-38.70	-13.00	-25.70	2.00 H	15	58.17	-96.87

Remarks:

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

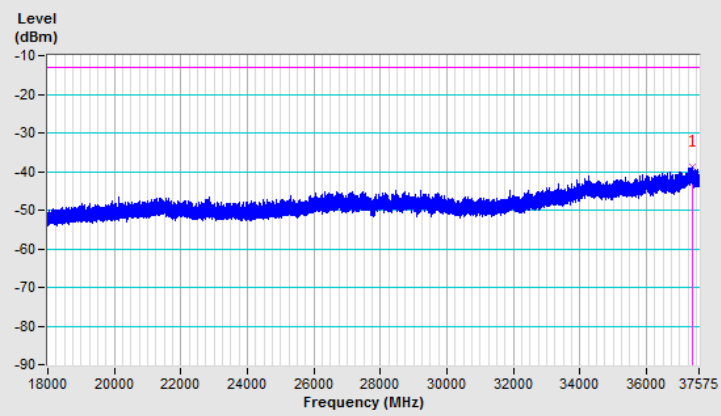


Beam ID	170	Frequency Range	18GHz ~ 37.575GHz
Channel	High	Polarity	Vertical

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	37386.10	-38.69	-13.00	-25.69	1.49 V	173	58.21	-96.90

Remarks:

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

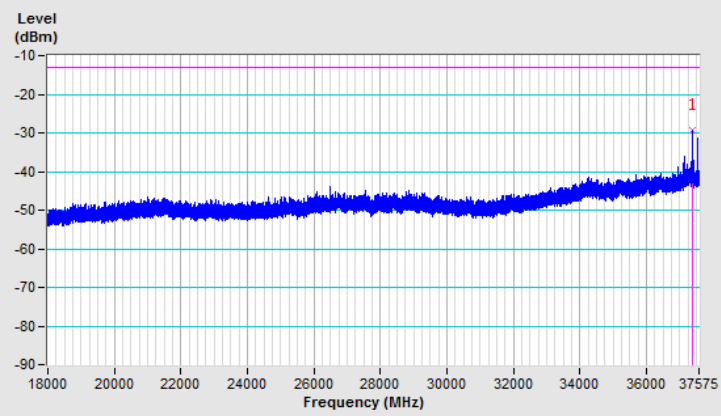


Beam ID	42+170	Frequency Range	18GHz ~ 37.575GHz
Channel	Low	Polarity	Horizontal

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	37389.53	-29.30	-13.00	-16.30	2.00 H	316	67.60	-96.90

Remarks:

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

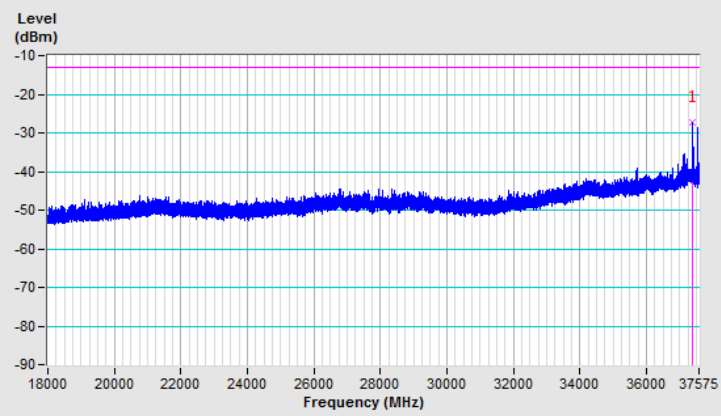


Beam ID	42+170	Frequency Range	18GHz ~ 37.575GHz
Channel	Low	Polarity	Vertical

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	37389.53	-27.30	-13.00	-14.30	2.00 V	18	69.60	-96.90

Remarks:

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

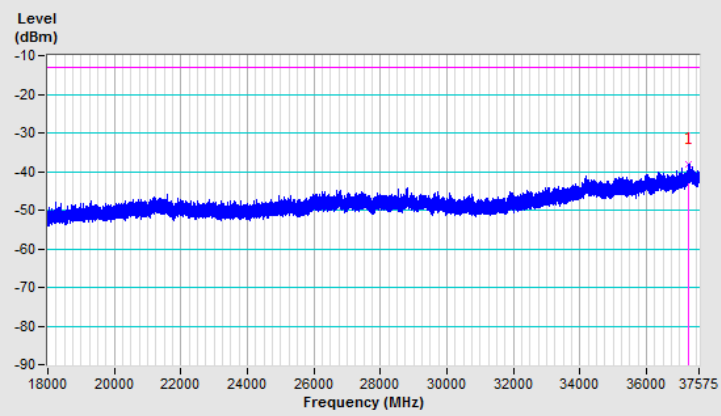


Beam ID	42+170	Frequency Range	18GHz ~ 37.575GHz
Channel	Mid	Polarity	Horizontal

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	37243.20	-38.00	-13.00	-25.00	2.00 H	245	58.86	-96.86

Remarks:

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

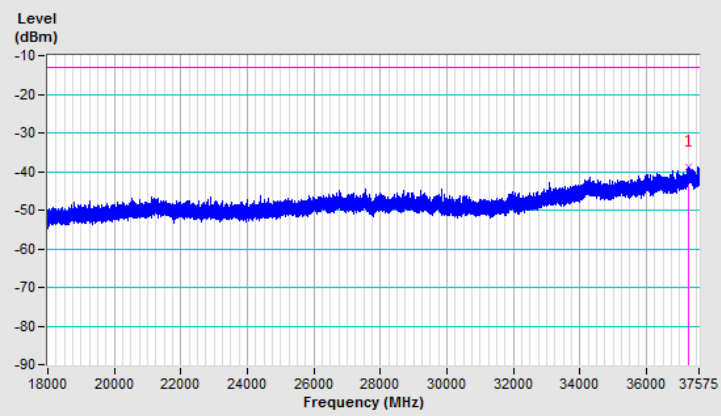


Beam ID	42+170	Frequency Range	18GHz ~ 37.575GHz
Channel	Mid	Polarity	Vertical

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	37242.22	-38.80	-13.00	-25.80	2.00 V	57	58.06	-96.86

Remarks:

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

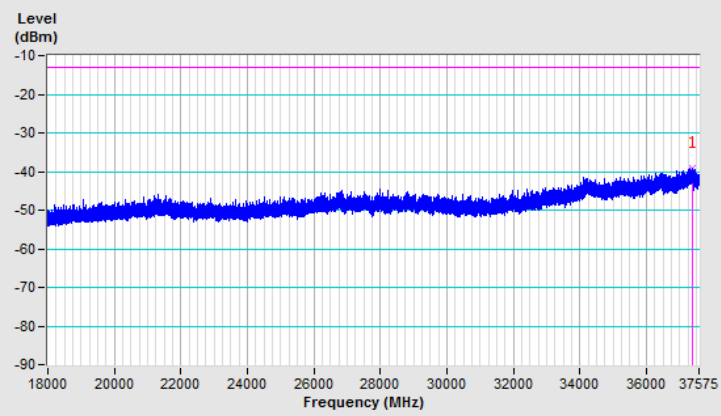


Beam ID	42+170	Frequency Range	18GHz ~ 37.575GHz
Channel	High	Polarity	Horizontal

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	37389.04	-39.00	-13.00	-26.00	1.49 H	287	57.90	-96.90

Remarks:

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

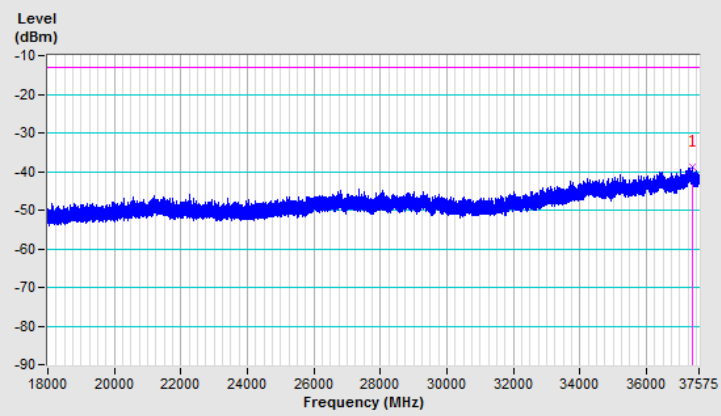


Beam ID	42+170	Frequency Range	18GHz ~ 37.575GHz
Channel	High	Polarity	Vertical

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	37379.25	-38.90	-13.00	-25.90	1.20 V	14	57.99	-96.89

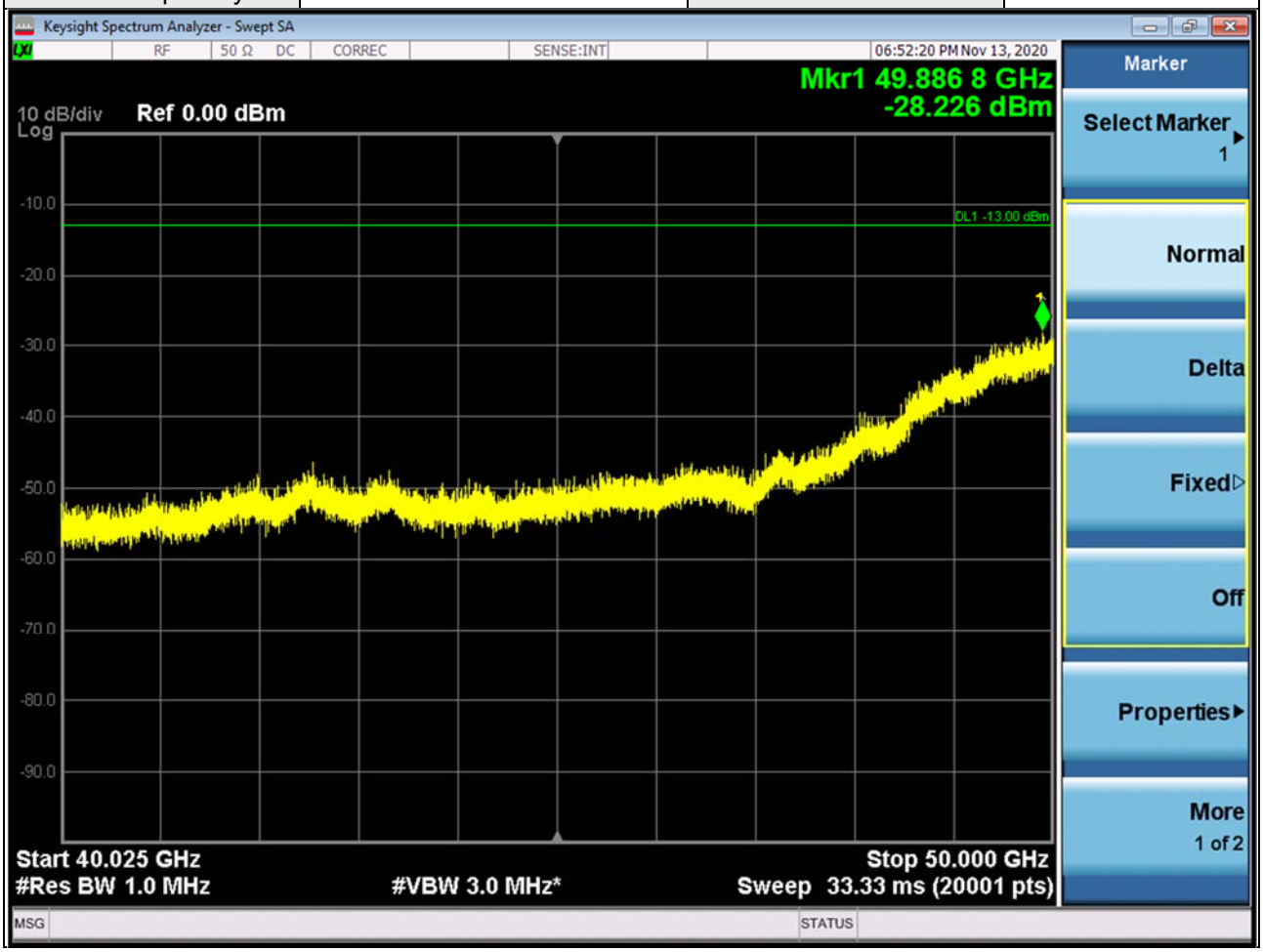
Remarks:

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



40.025GHz ~ 50GHz:

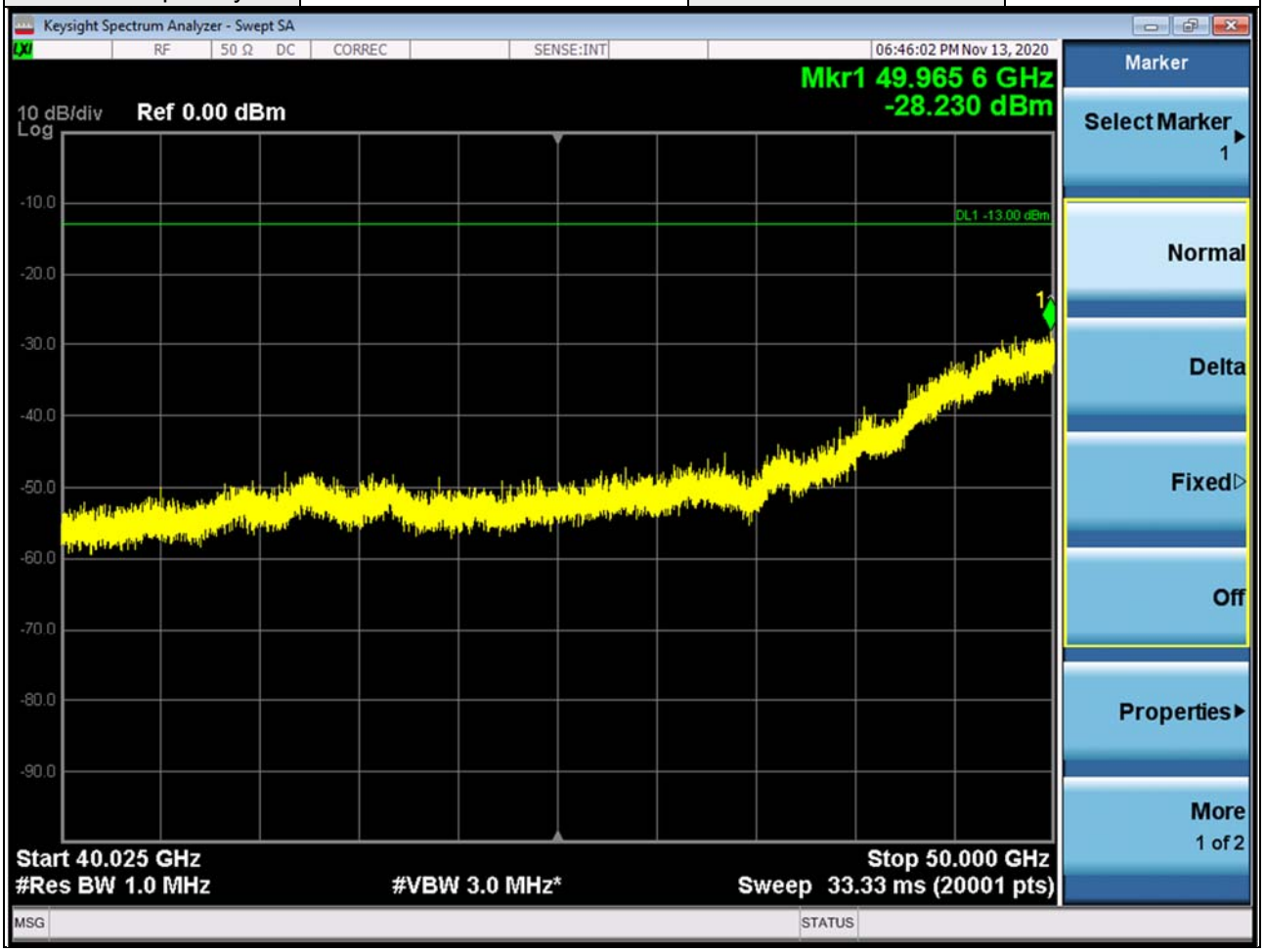
Band	n260	Beam ID	42
Frequency Range	40.025GHz-50GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

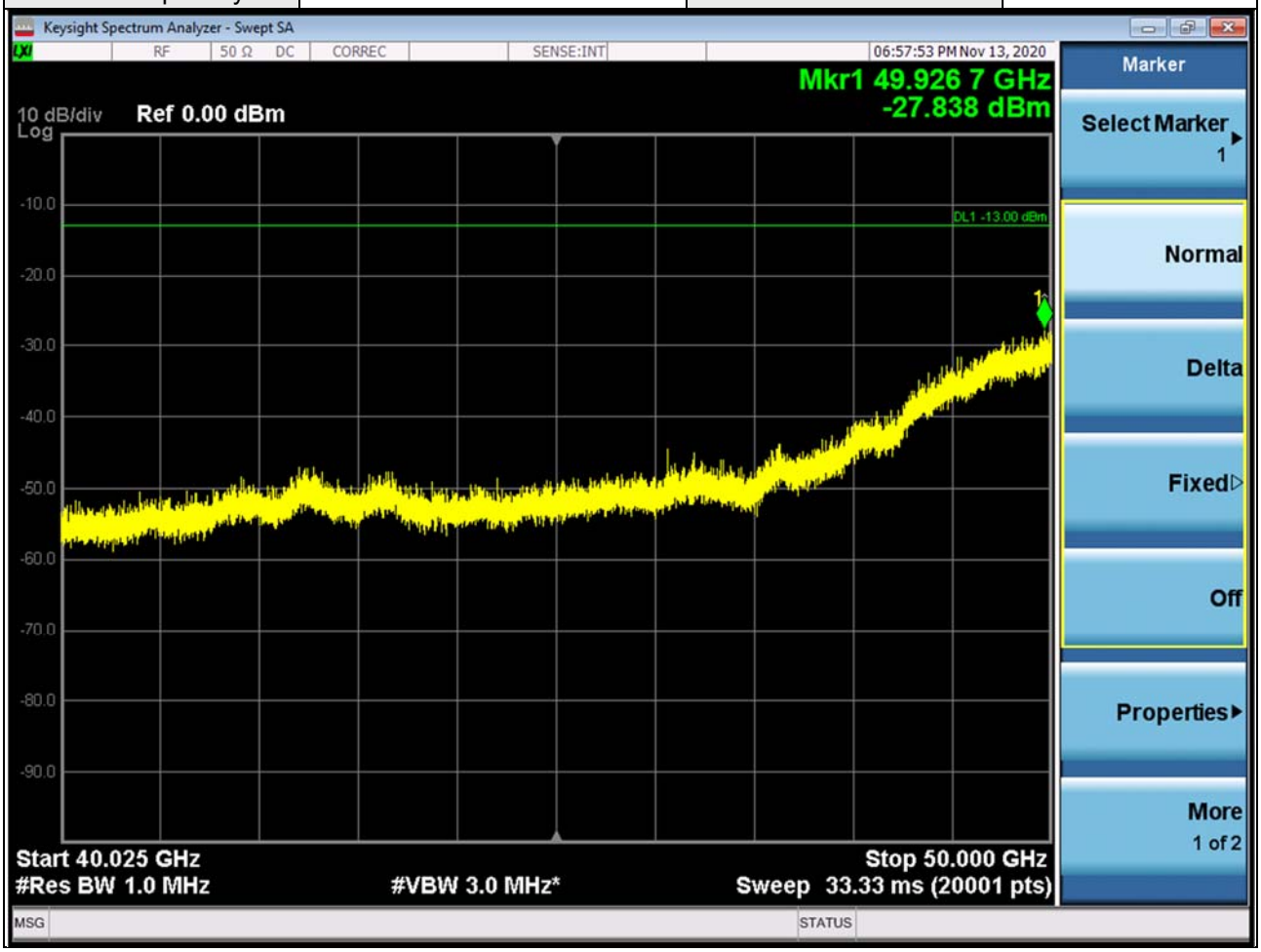
Band	n260	Beam ID	42
Frequency Range	40.025GHz-50GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

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

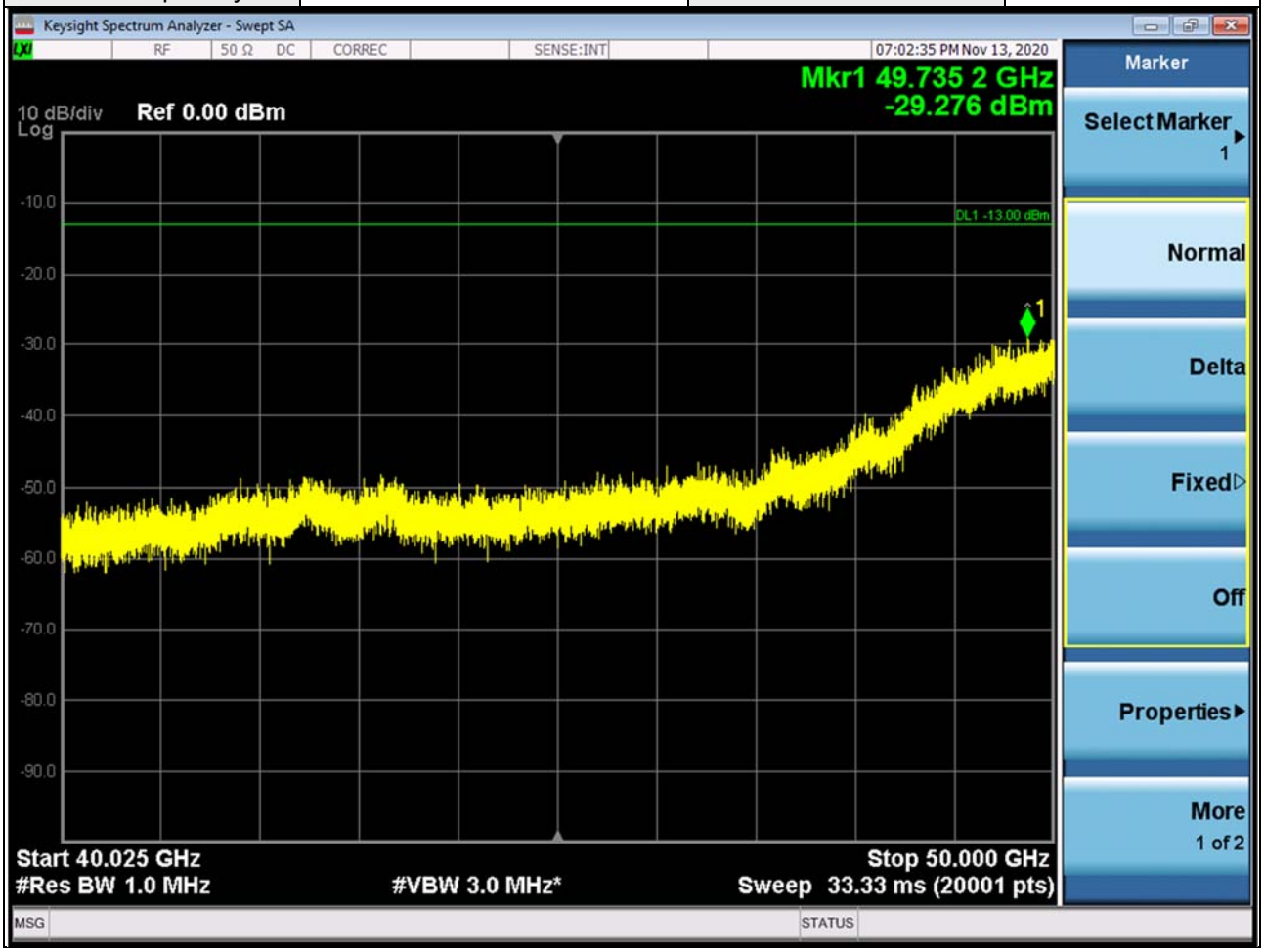
Band	n260	Beam ID	42
Frequency Range	40.025GHz-50GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

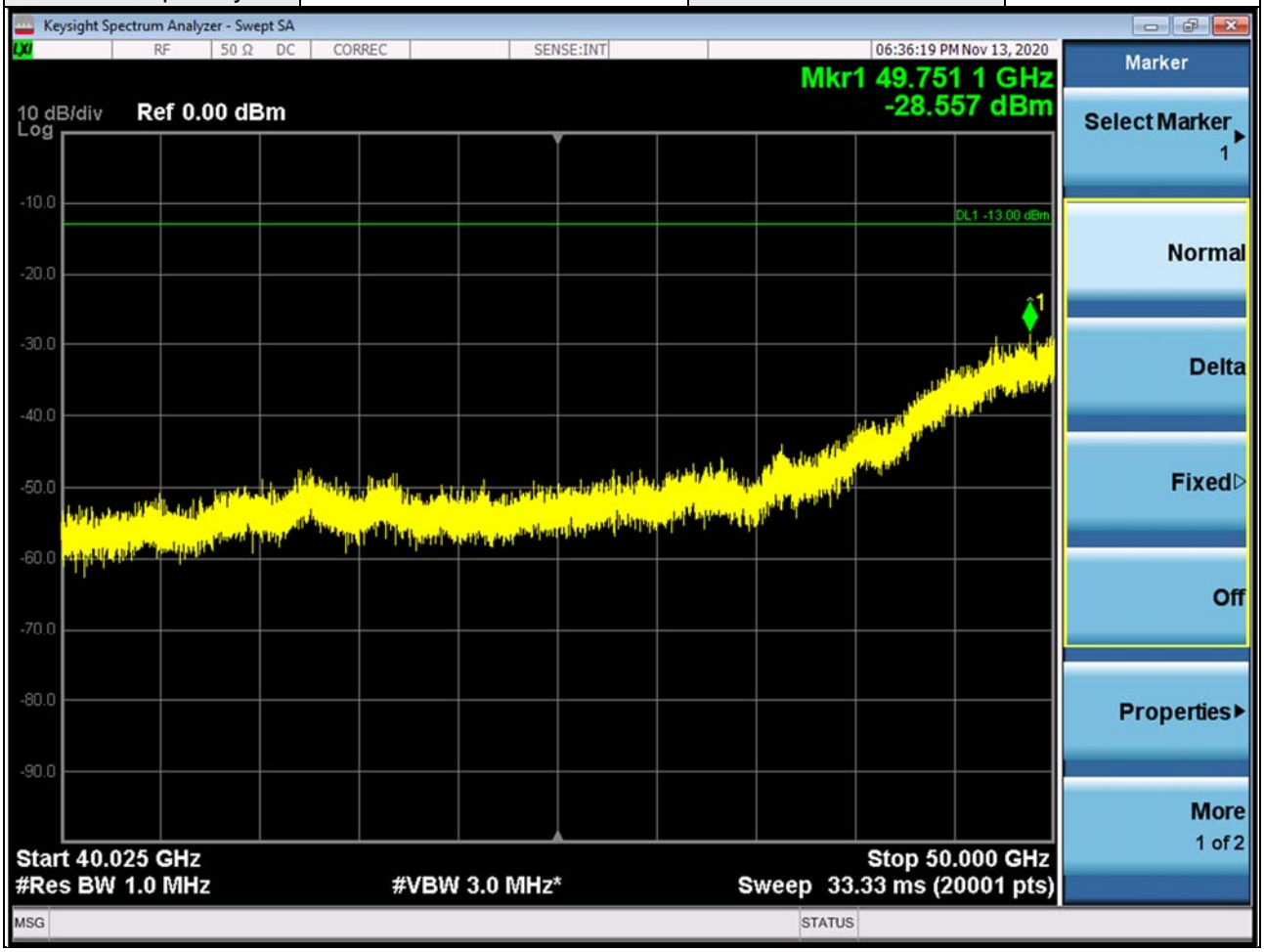
Band	n260	Beam ID	42
Frequency Range	40.025GHz-50GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

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

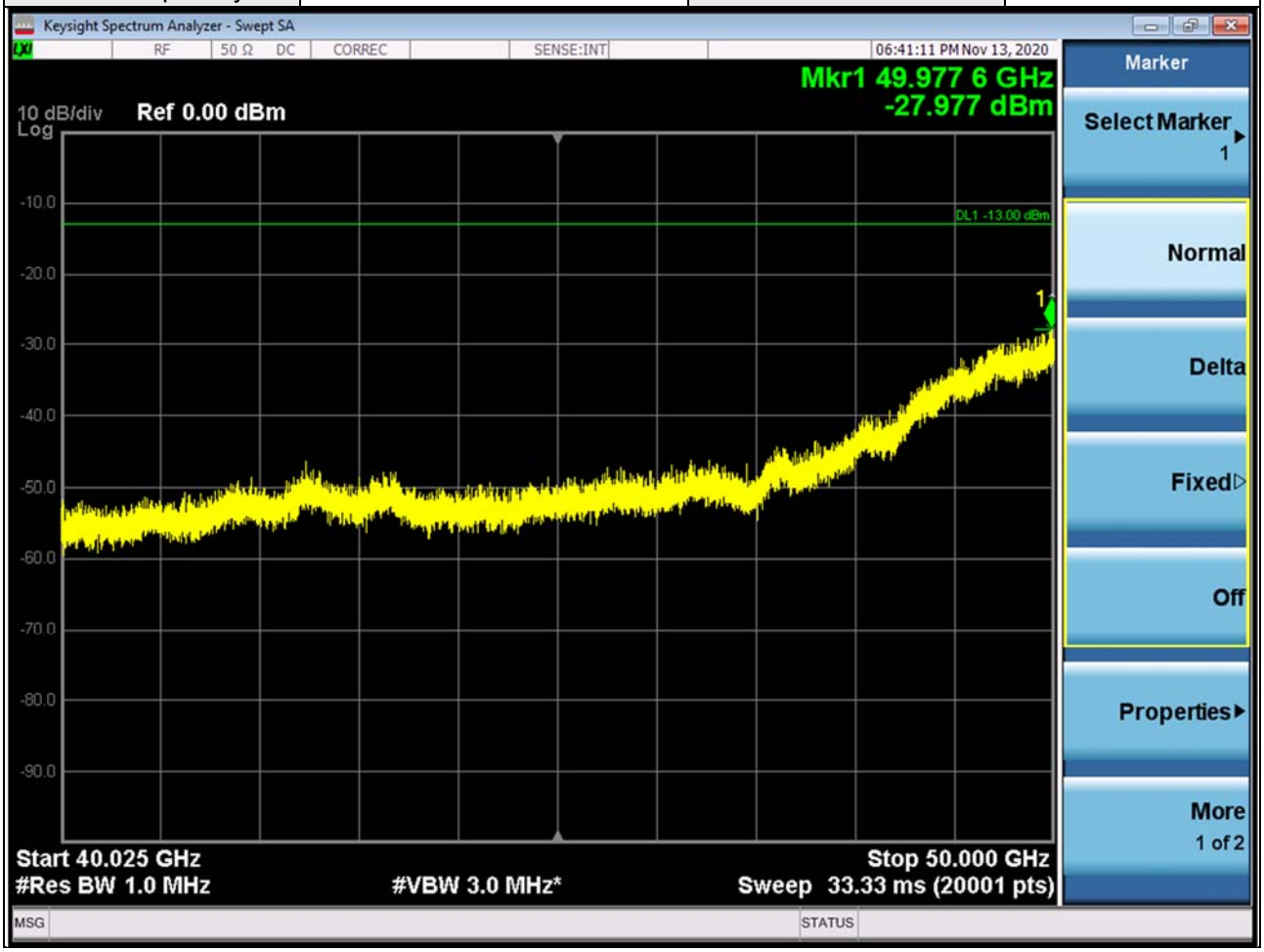
Band	n260	Beam ID	42
Frequency Range	40.025GHz-50GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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

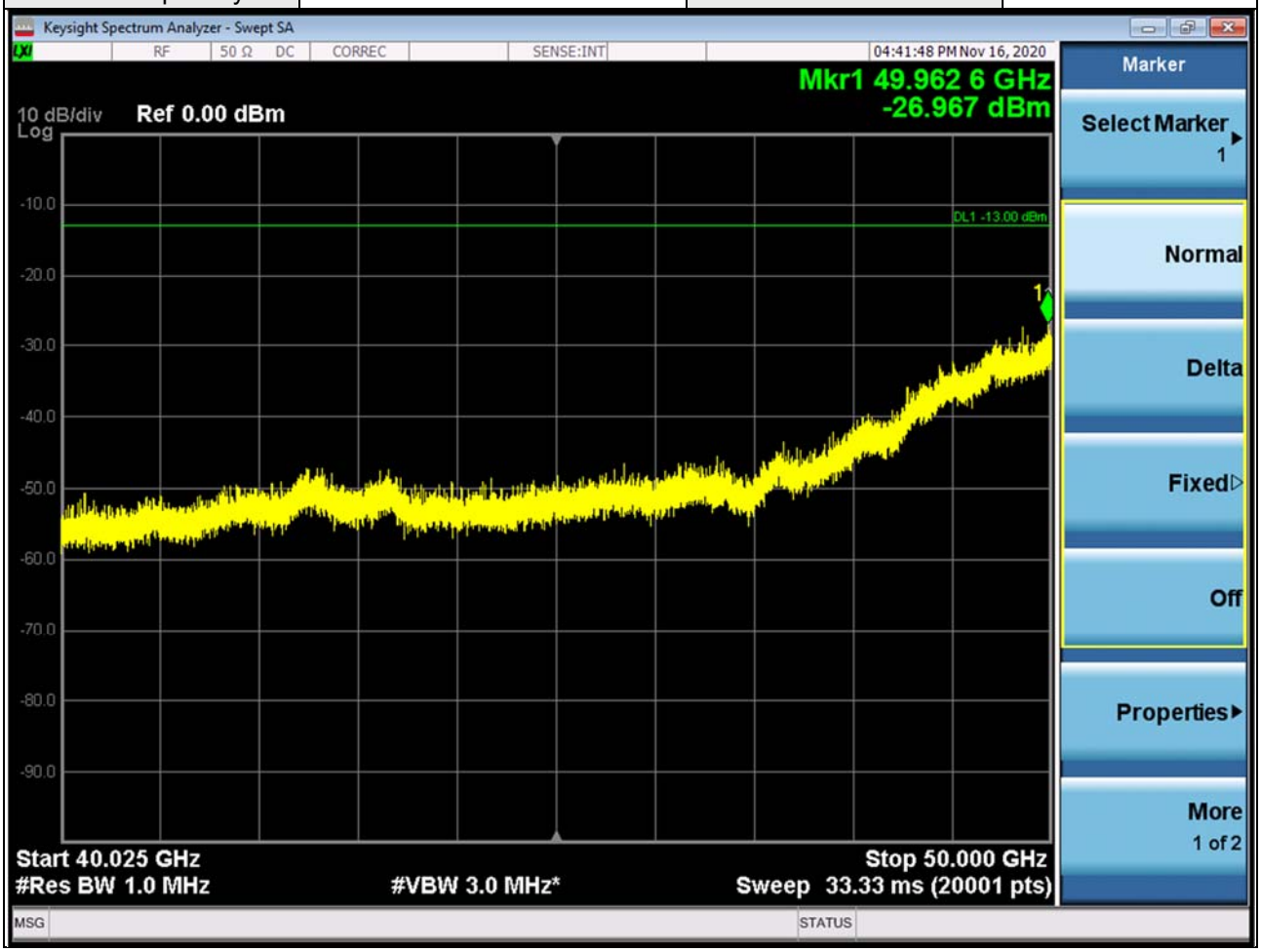
Band	n260	Beam ID	42
Frequency Range	40.025GHz-50GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

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

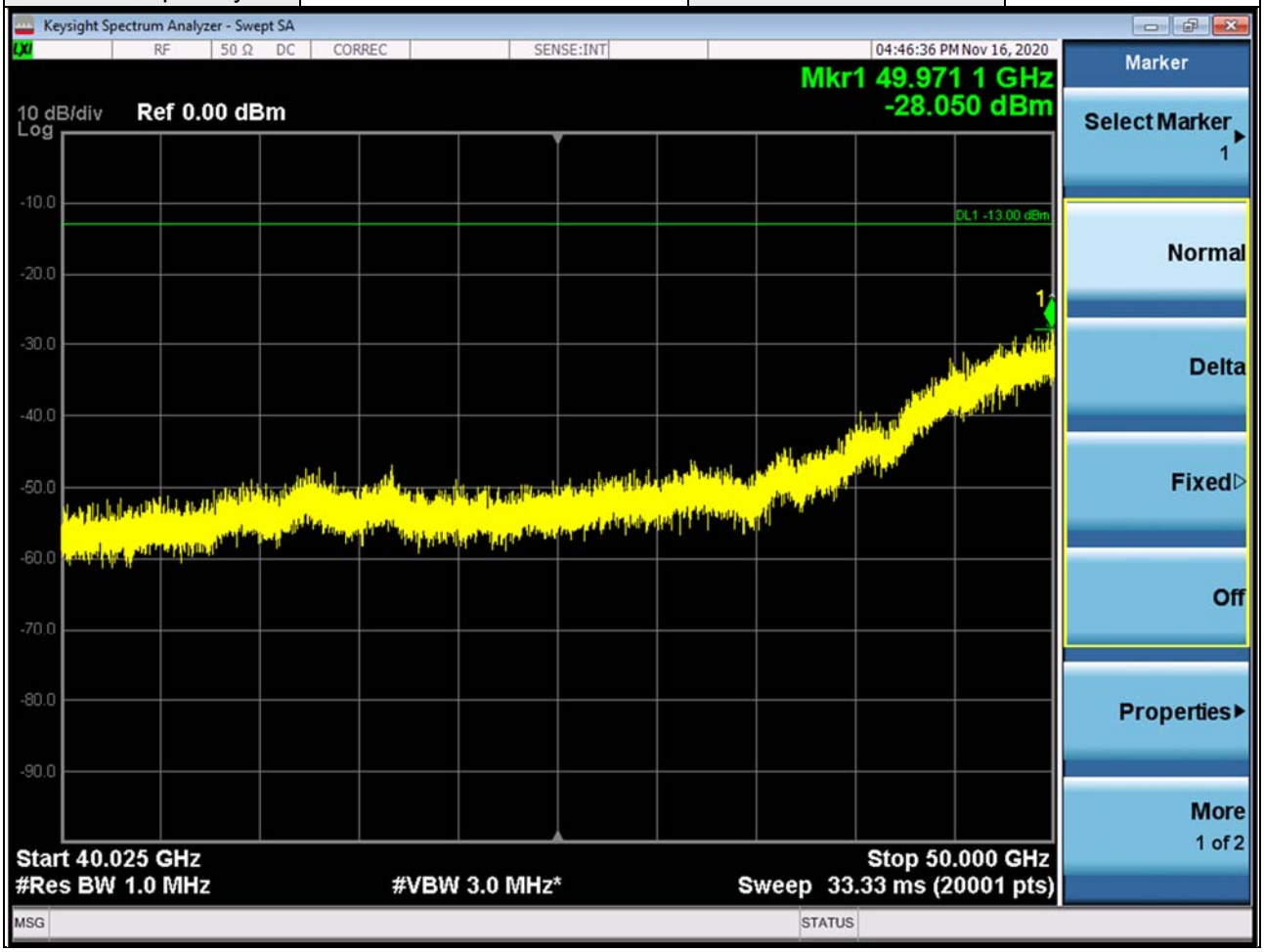
Band	n260	Beam ID	170
Frequency Range	40.025GHz-50GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

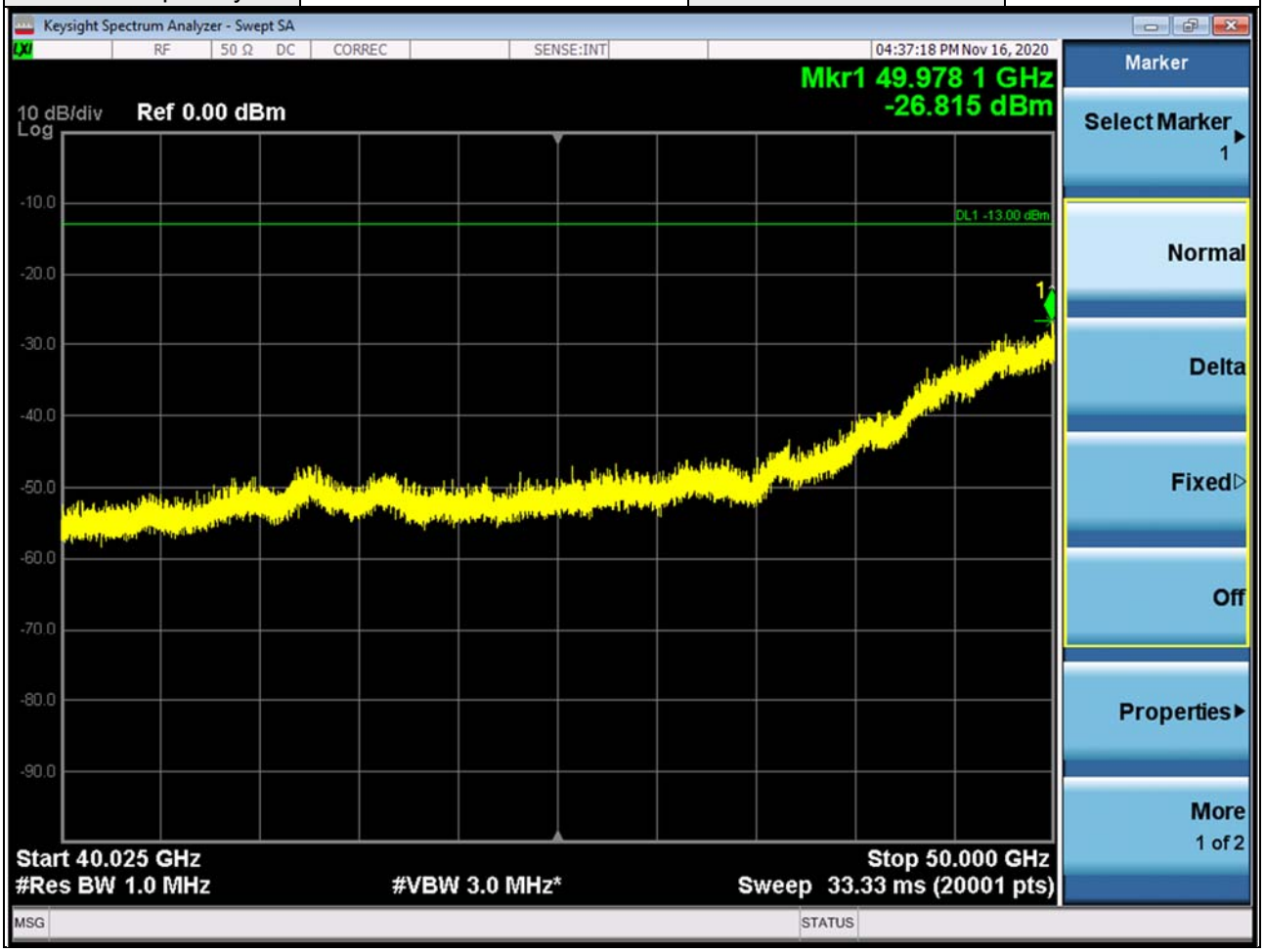
Band	n260	Beam ID	170
Frequency Range	40.025GHz-50GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

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

Band	n260	Beam ID	170
Frequency Range	40.025GHz-50GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

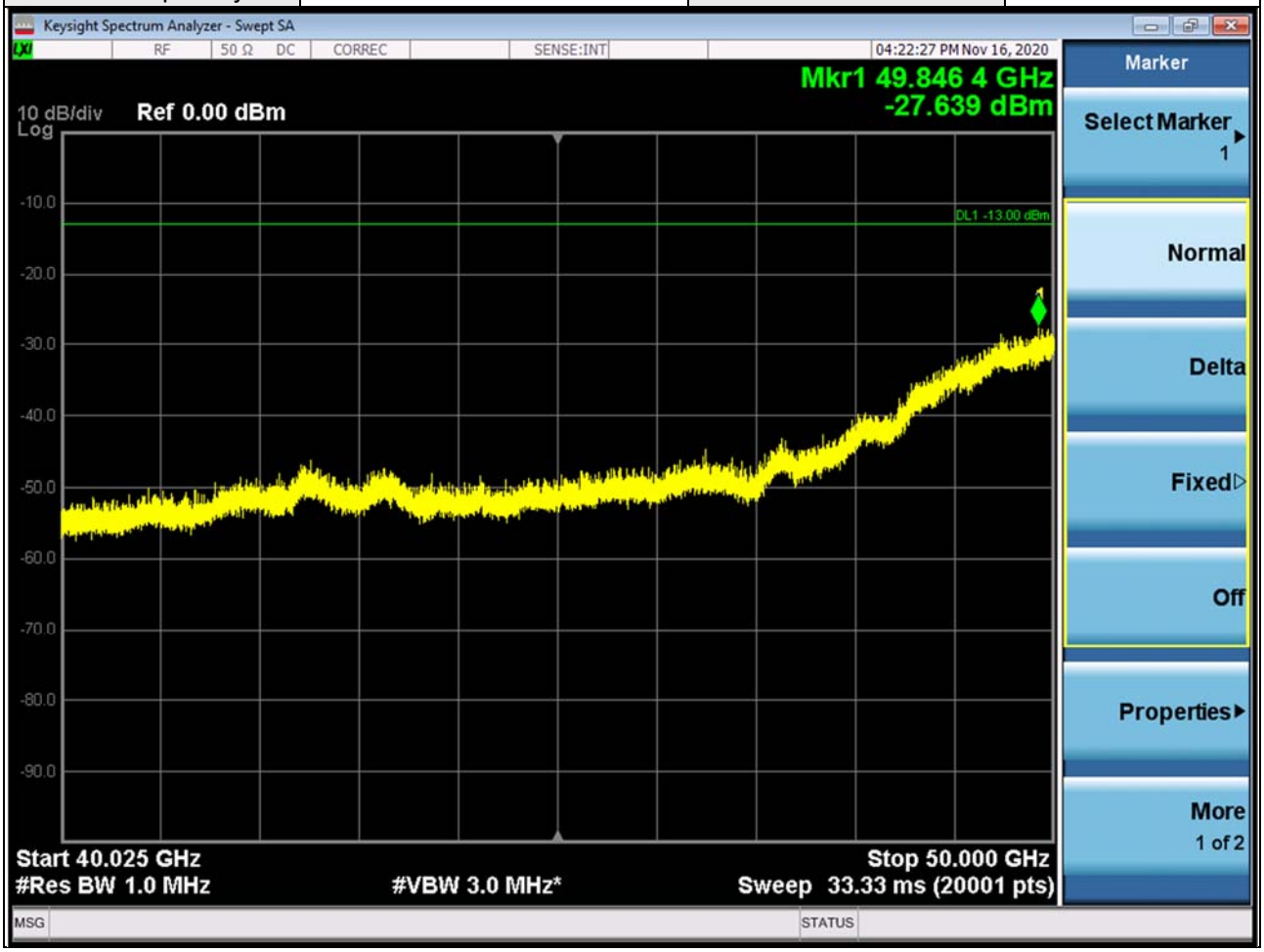
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

Band	n260	Beam ID	170
Frequency Range	40.025GHz-50GHz	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(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

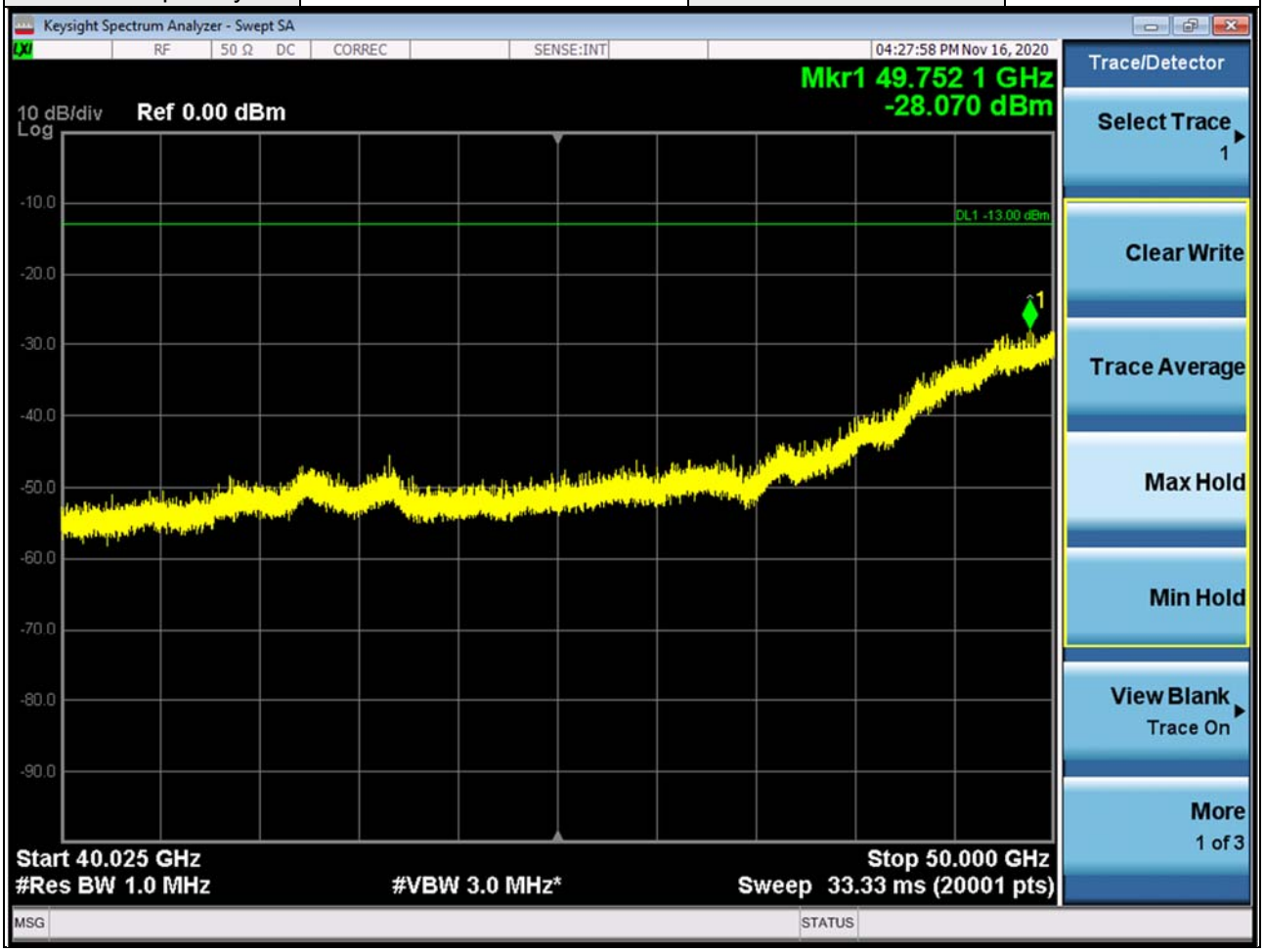
Band	n260	Beam ID	170
Frequency Range	40.025GHz-50GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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

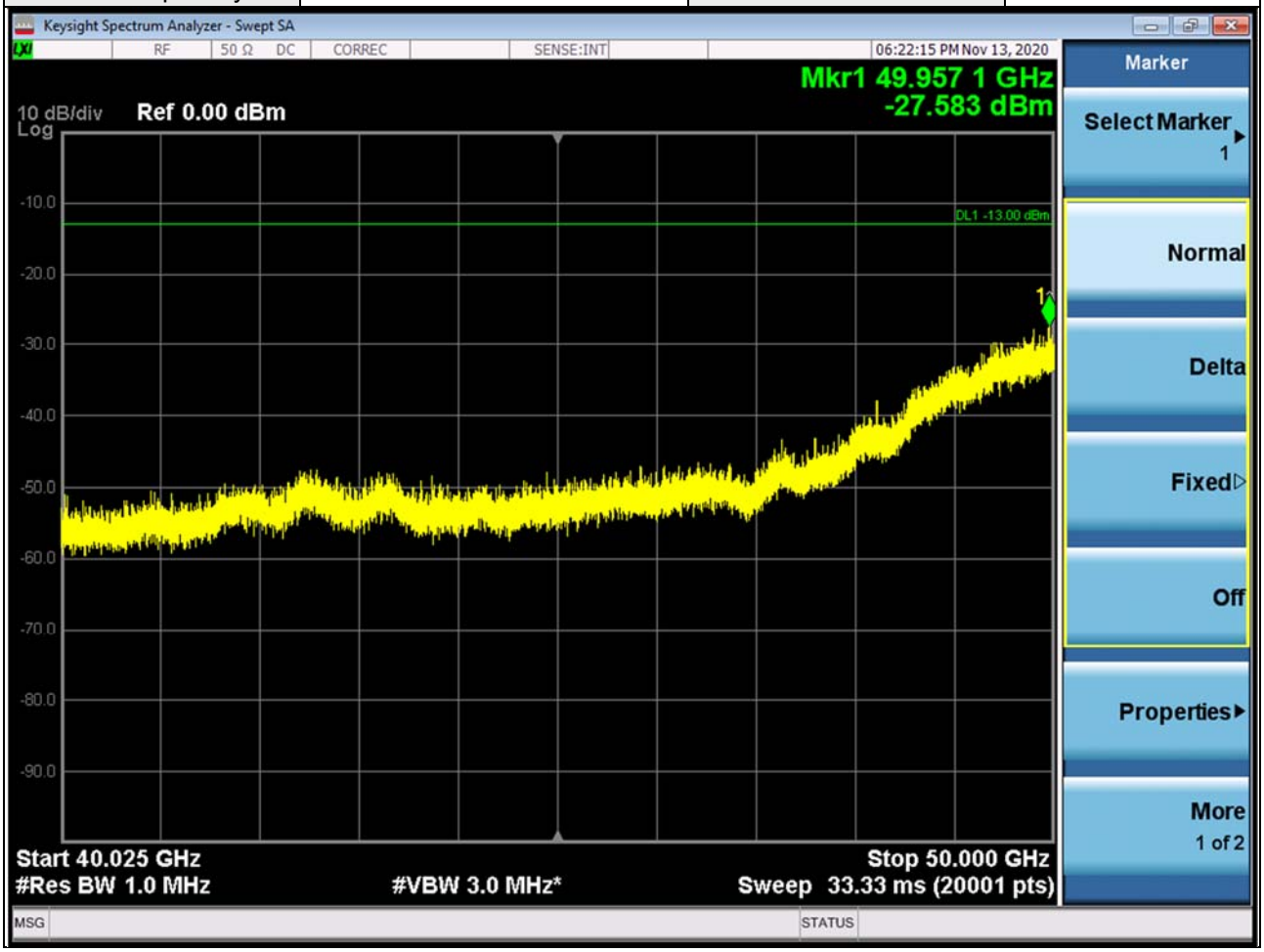
Band	n260	Beam ID	170
Frequency Range	40.025GHz-50GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

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

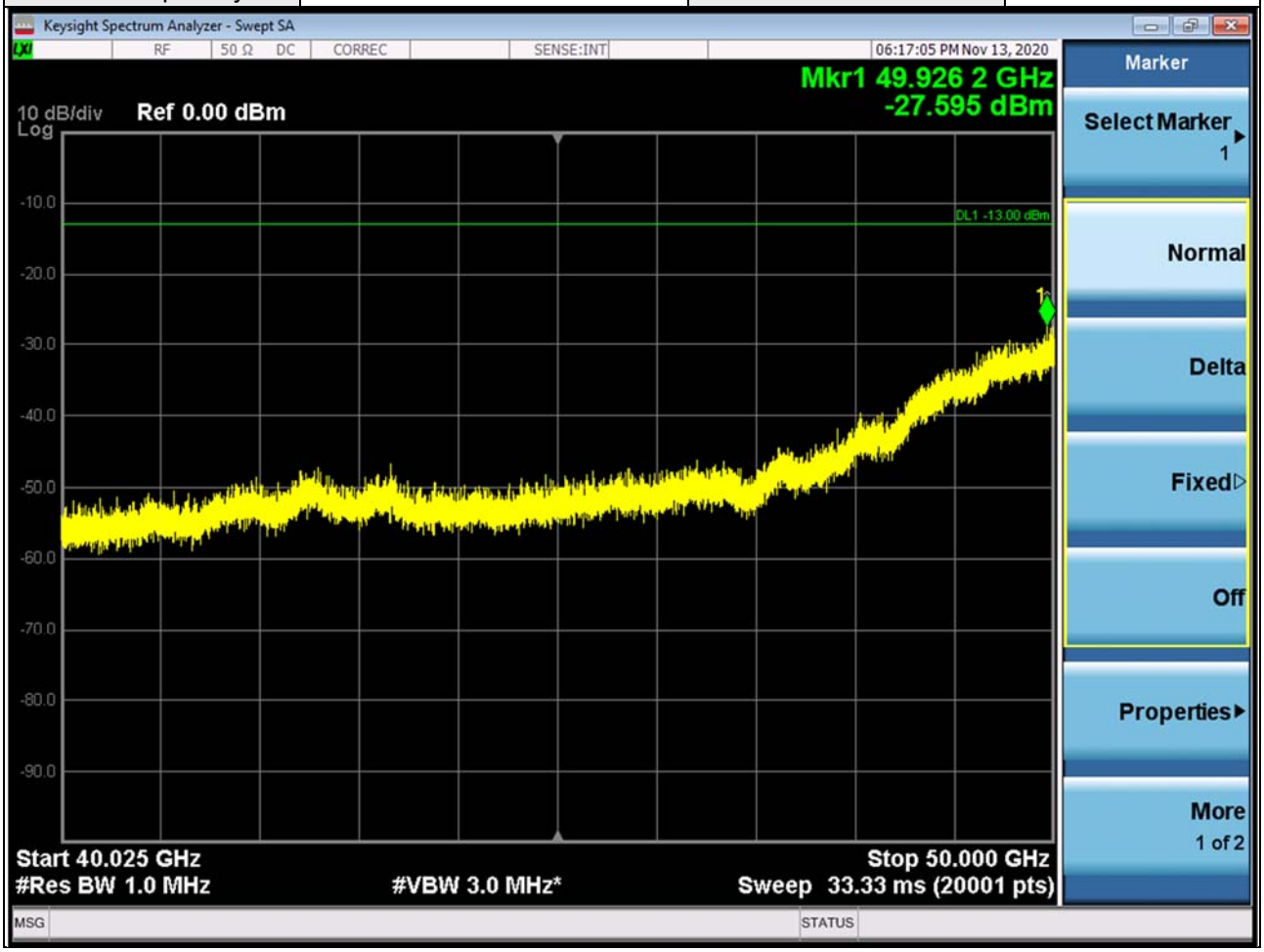
Band	n260	Beam ID	42 + 170
Frequency Range	40.025GHz-50GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n260	Beam ID	42 + 170
Frequency Range	40.025GHz-50GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

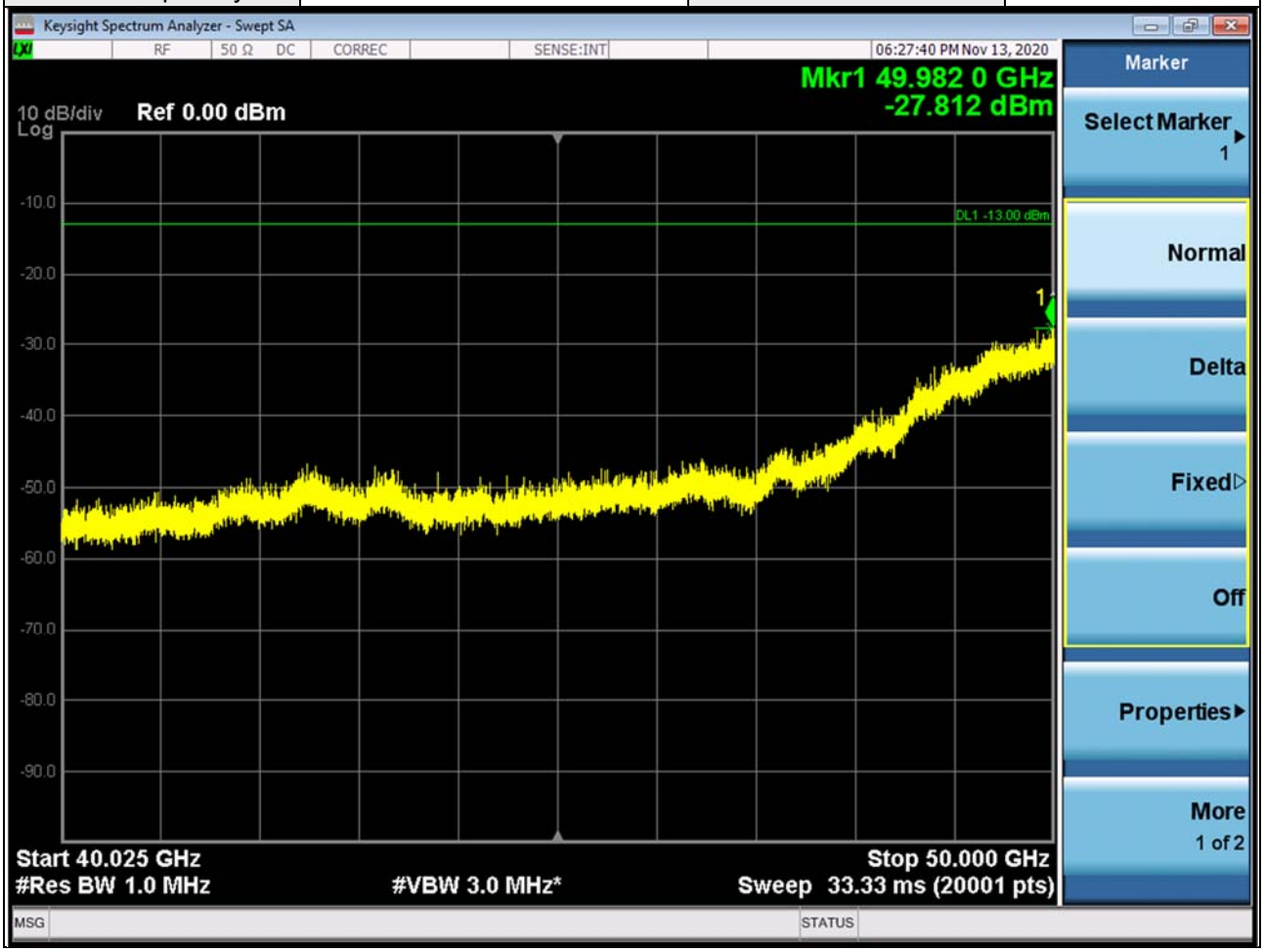
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662942 D01, the MIMO Out-of Band 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.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
42 + 170	-27.583	-27.595	-24.579	-13	-11.597	Pass

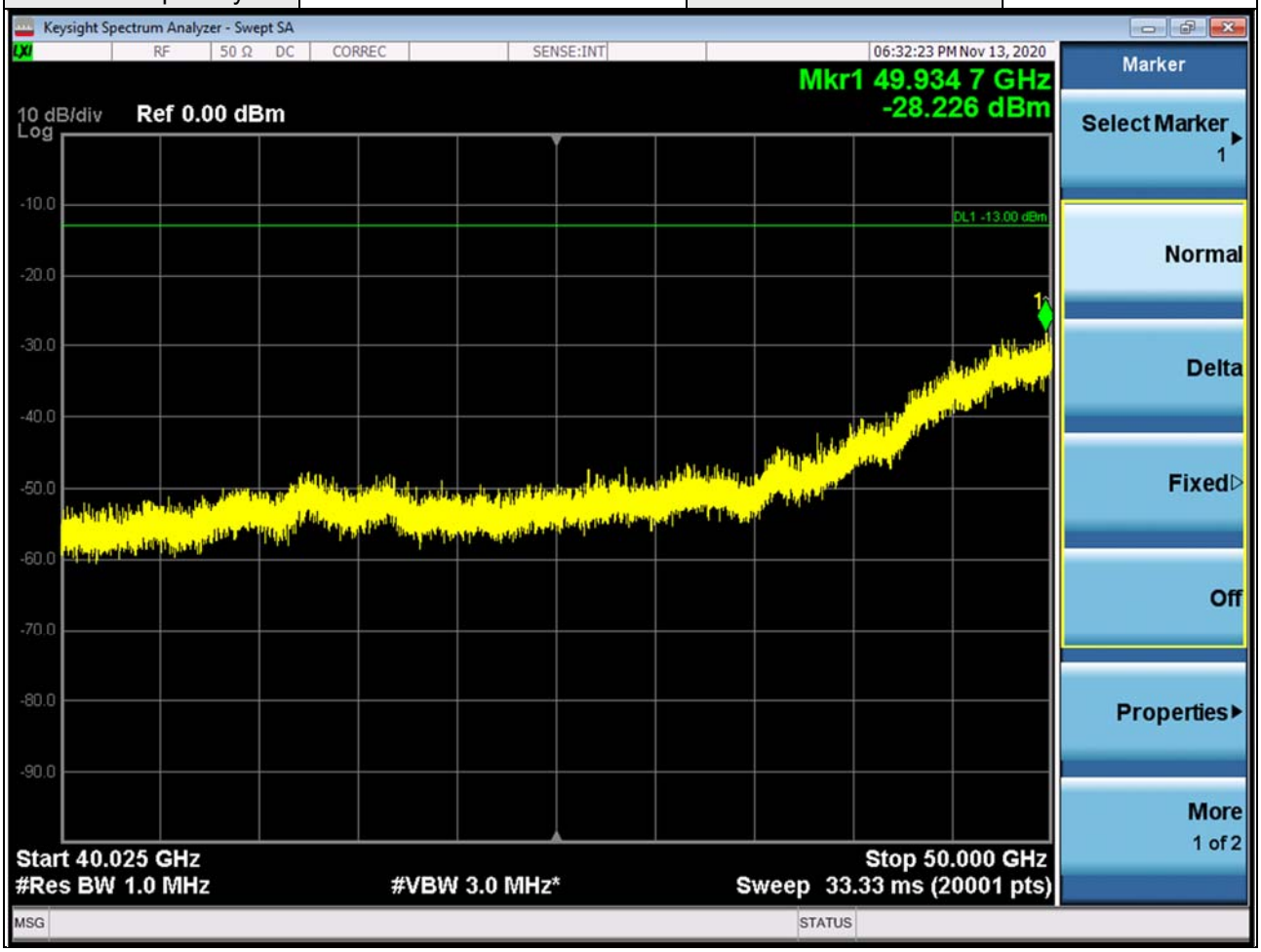
Band	n260	Beam ID	42 + 170
Frequency Range	40.025GHz-50GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n260	Beam ID	42 + 170
Frequency Range	40.025GHz-50GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

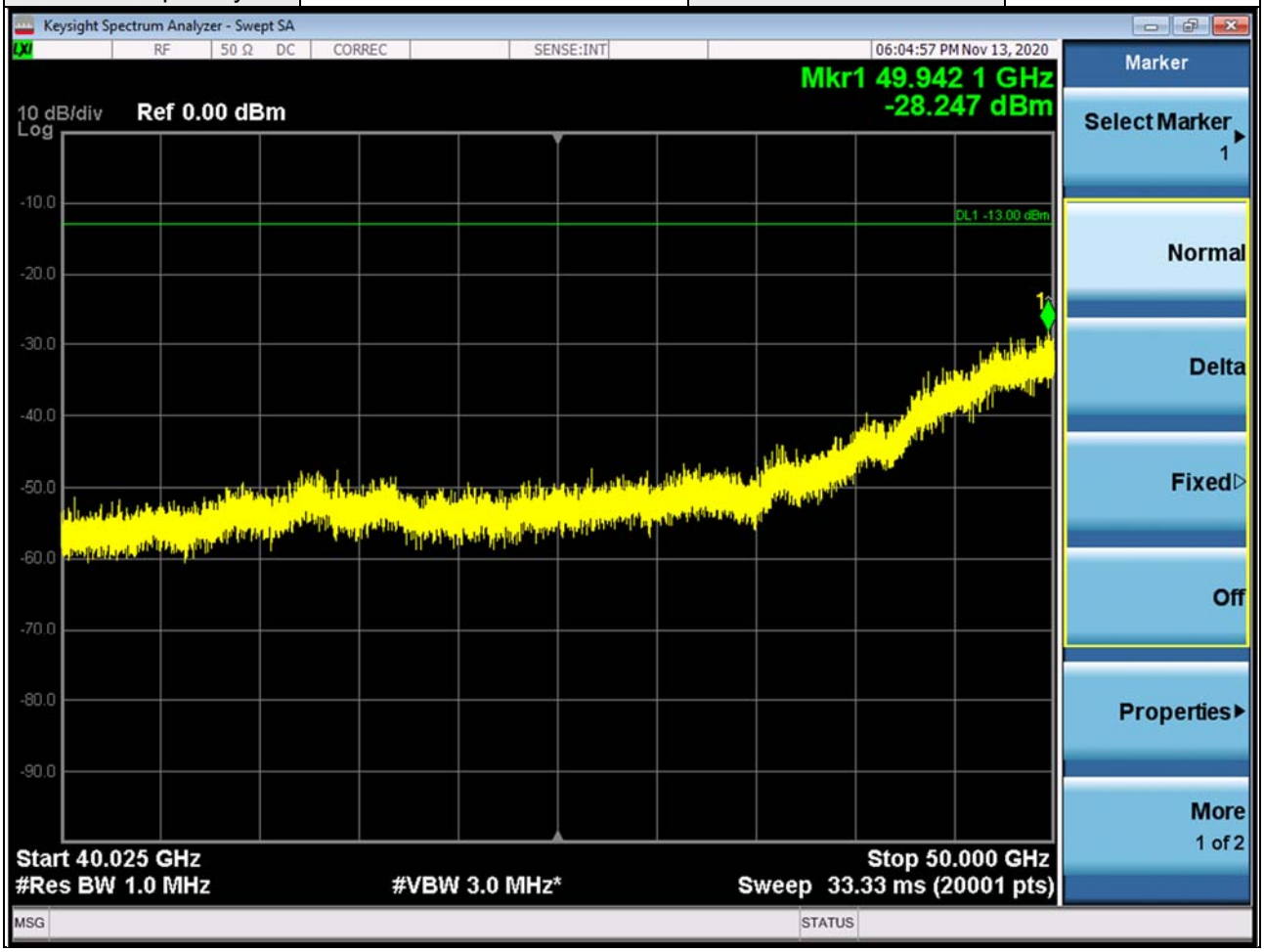
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662942 D01, the MIMO Out-of Band 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.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
42 + 170	-27.812	-28.226	-25.004	-13	-12.004	Pass

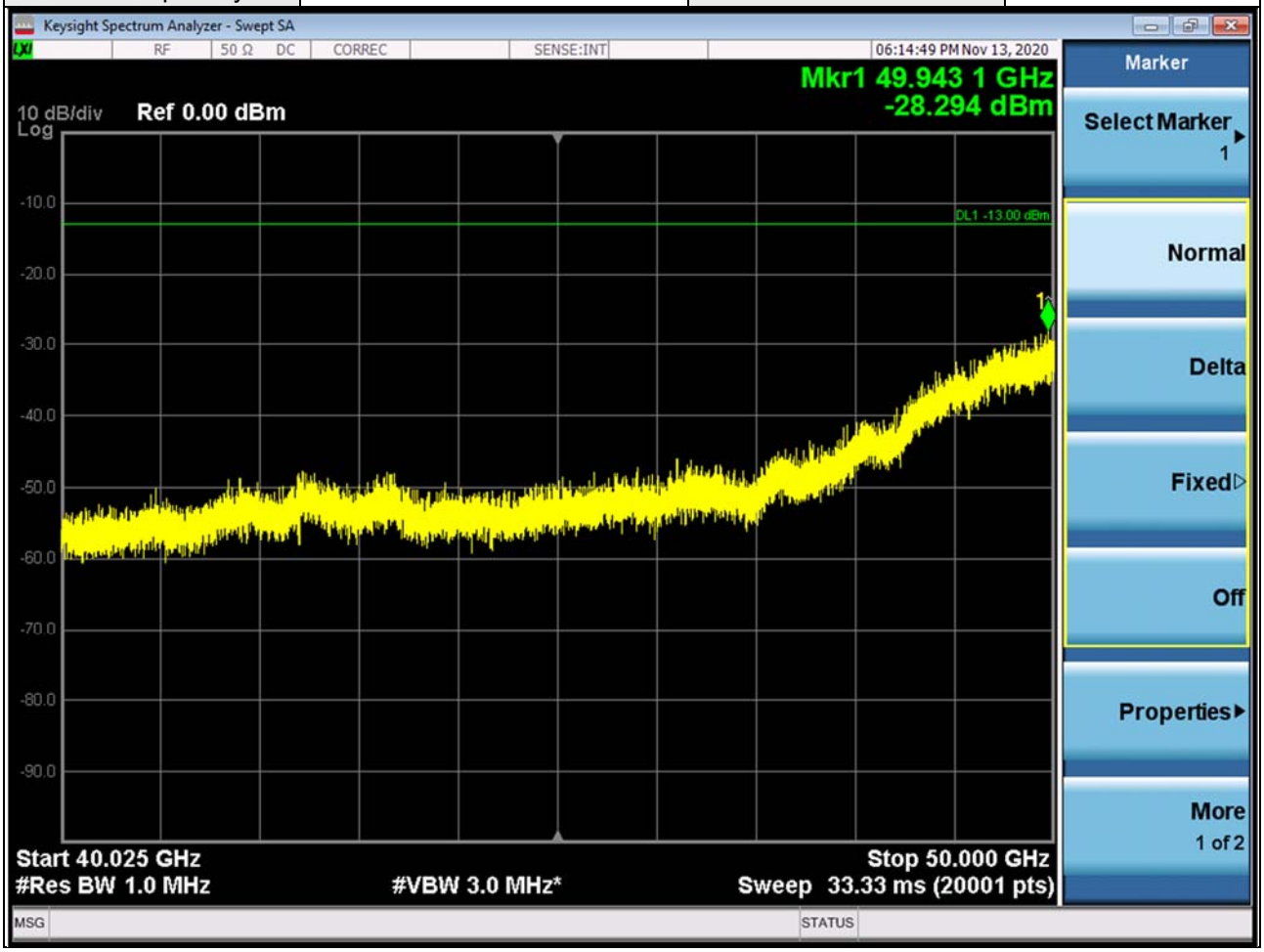
Band	n260	Beam ID	42 + 170
Frequency Range	40.025GHz-50GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n260	Beam ID	42 + 170
Frequency Range	40.025GHz-50GHz	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(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

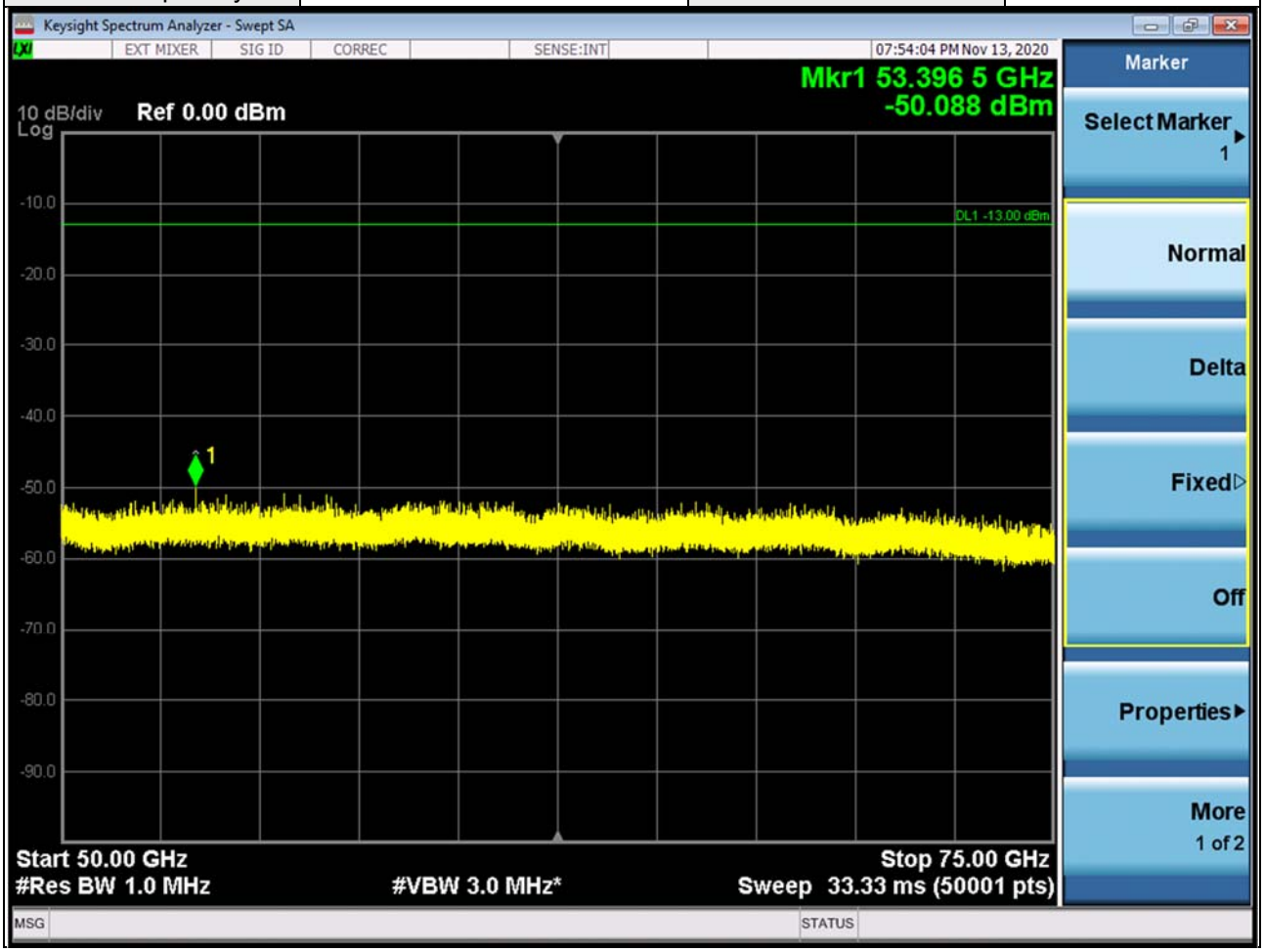
Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662942 D01, the MIMO Out-of Band 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.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
42 + 170	-28.247	-28.294	-25.260	-13	-12.260	Pass

50GHz ~ 75GHz:

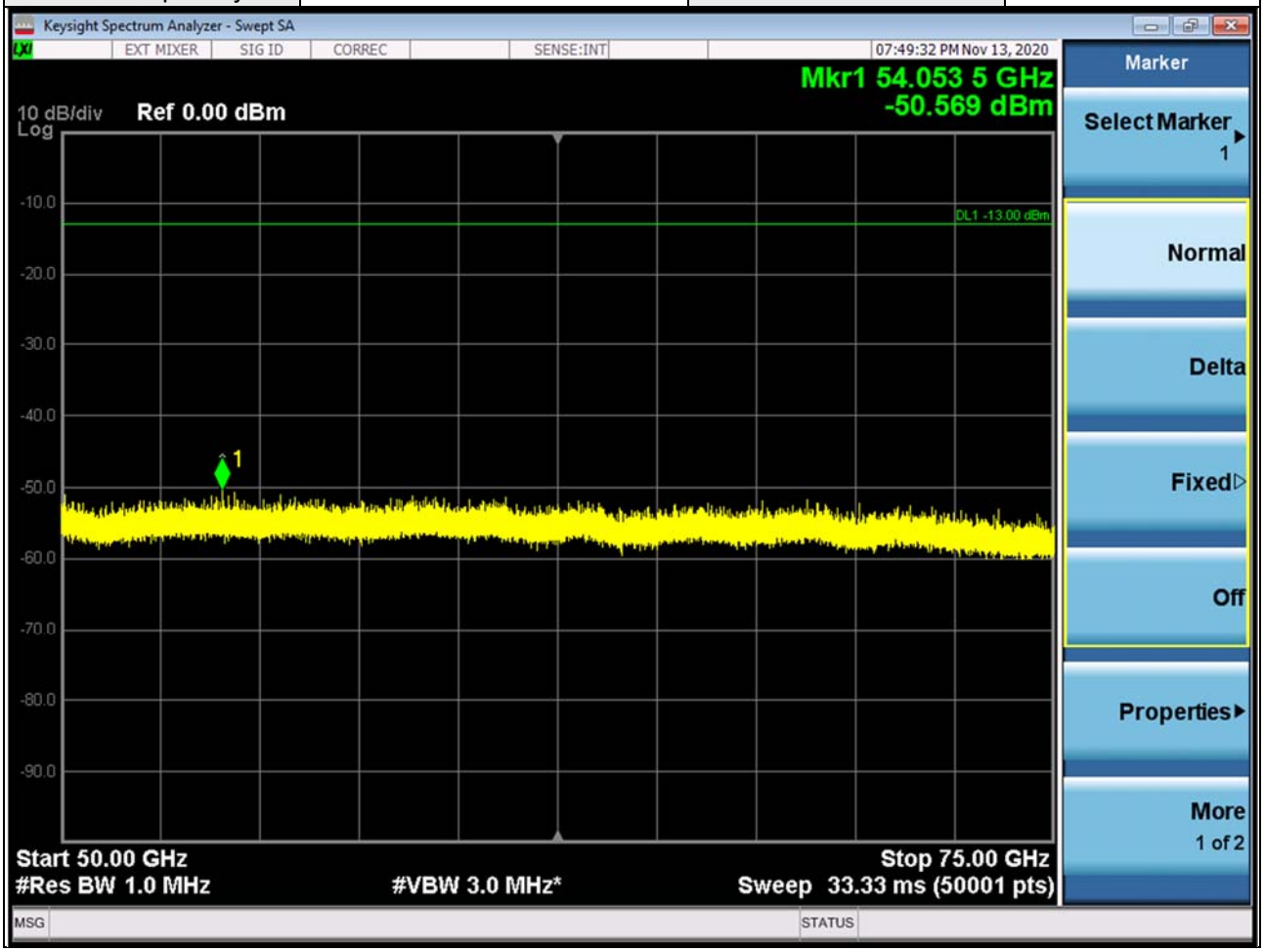
Band	n260	Beam ID	42
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

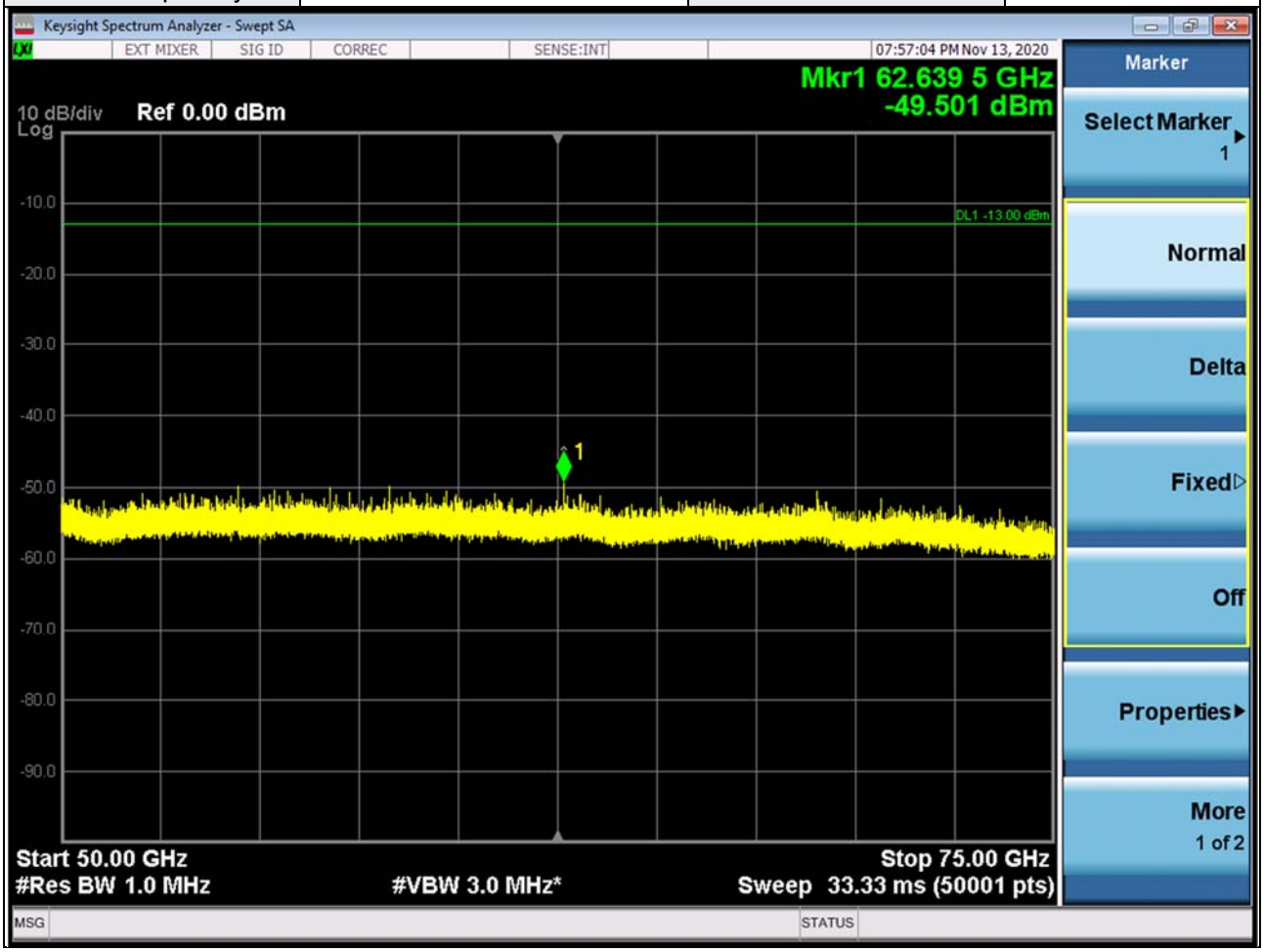
Band	n260	Beam ID	42
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

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

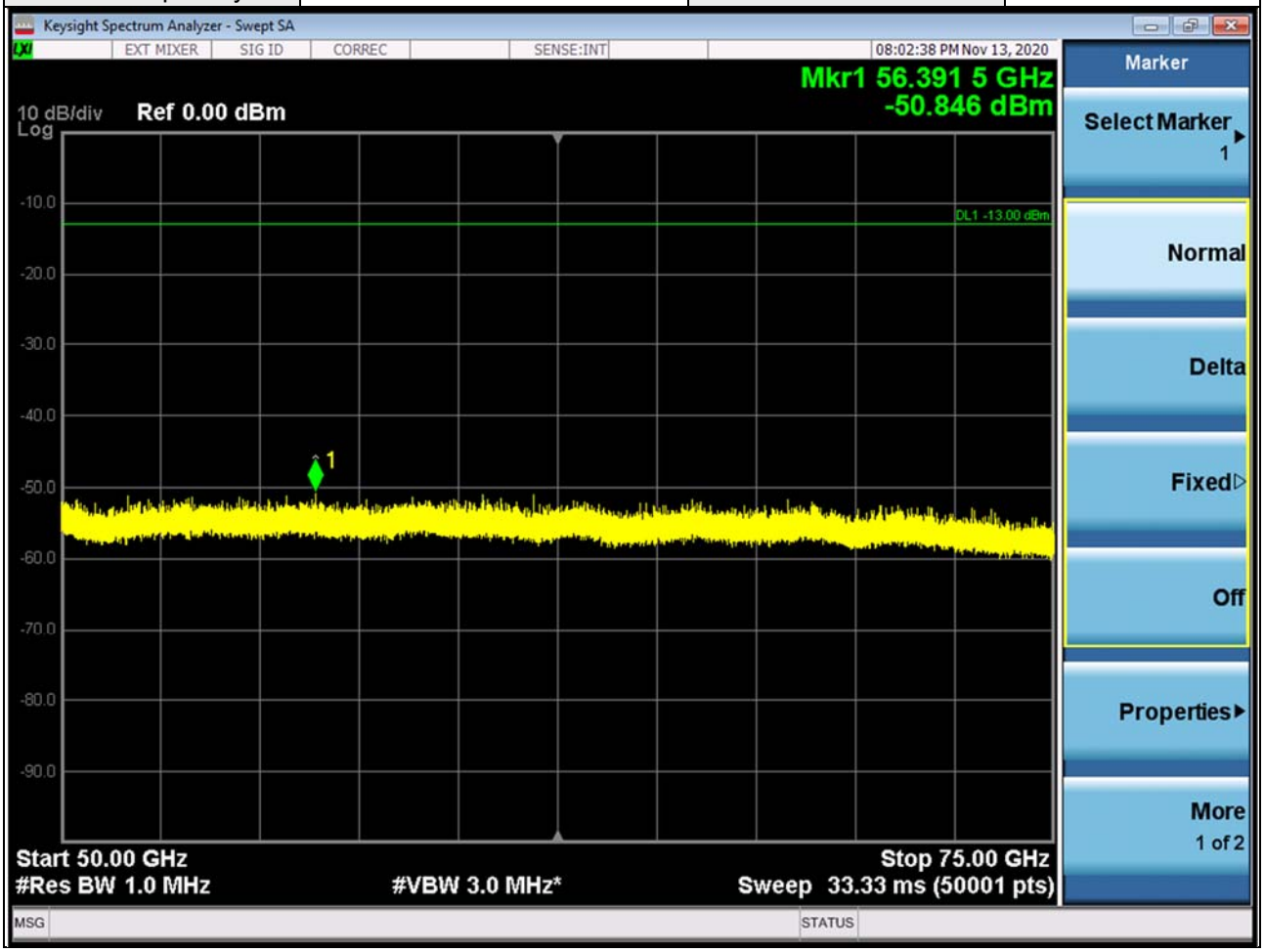
Band	n260	Beam ID	42
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

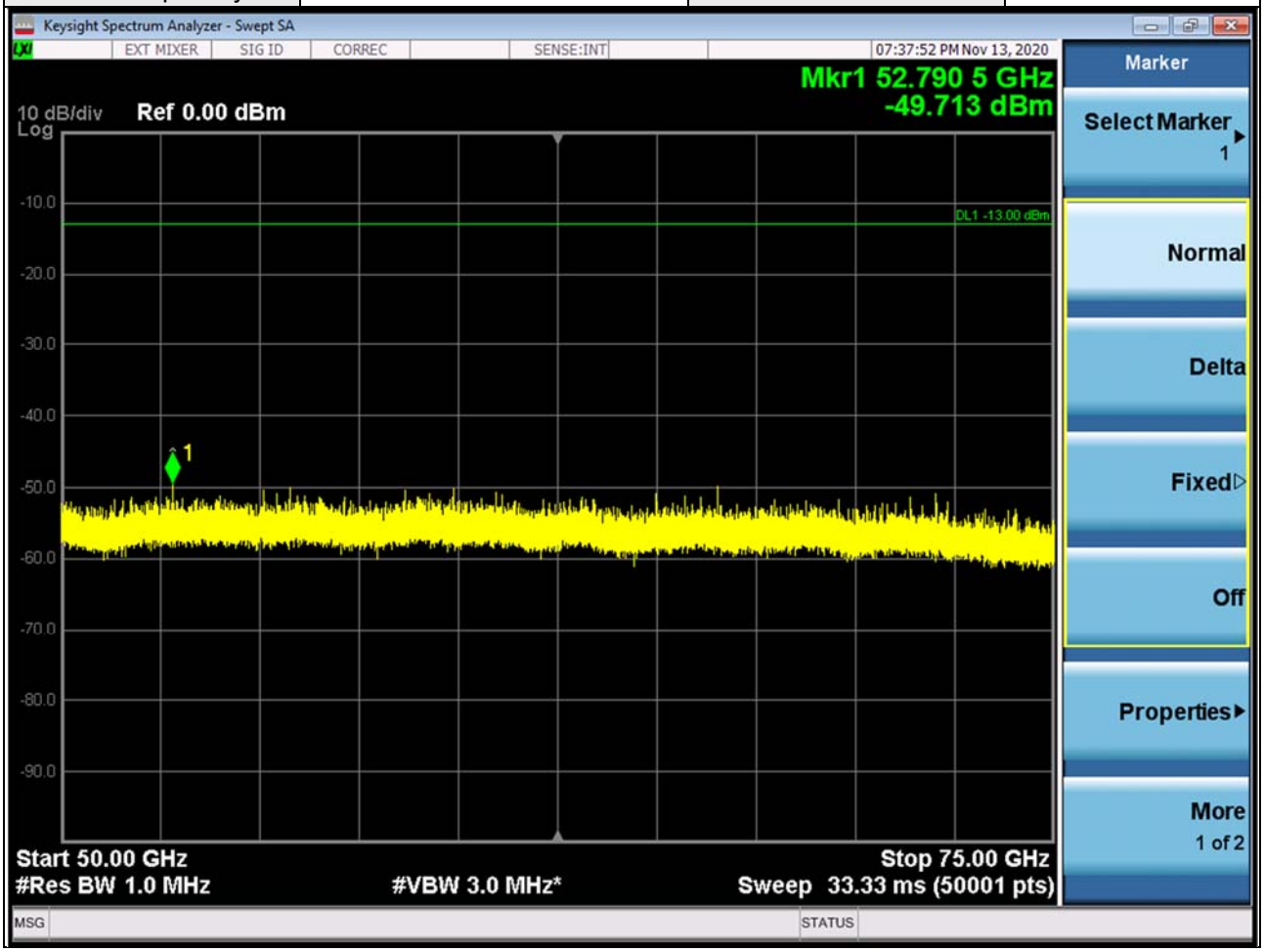
Band	n260	Beam ID	42
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

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

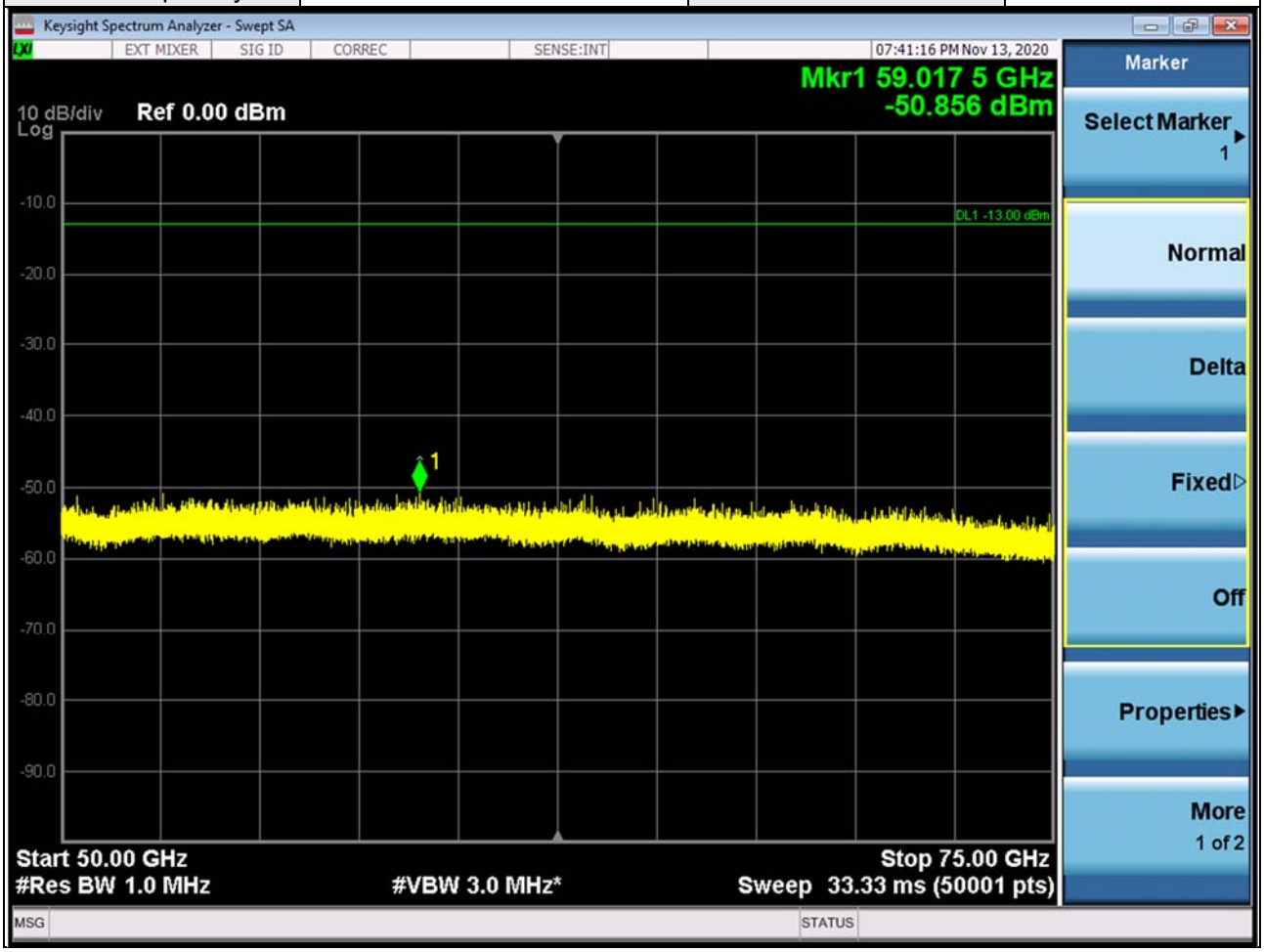
Band	n260	Beam ID	42
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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

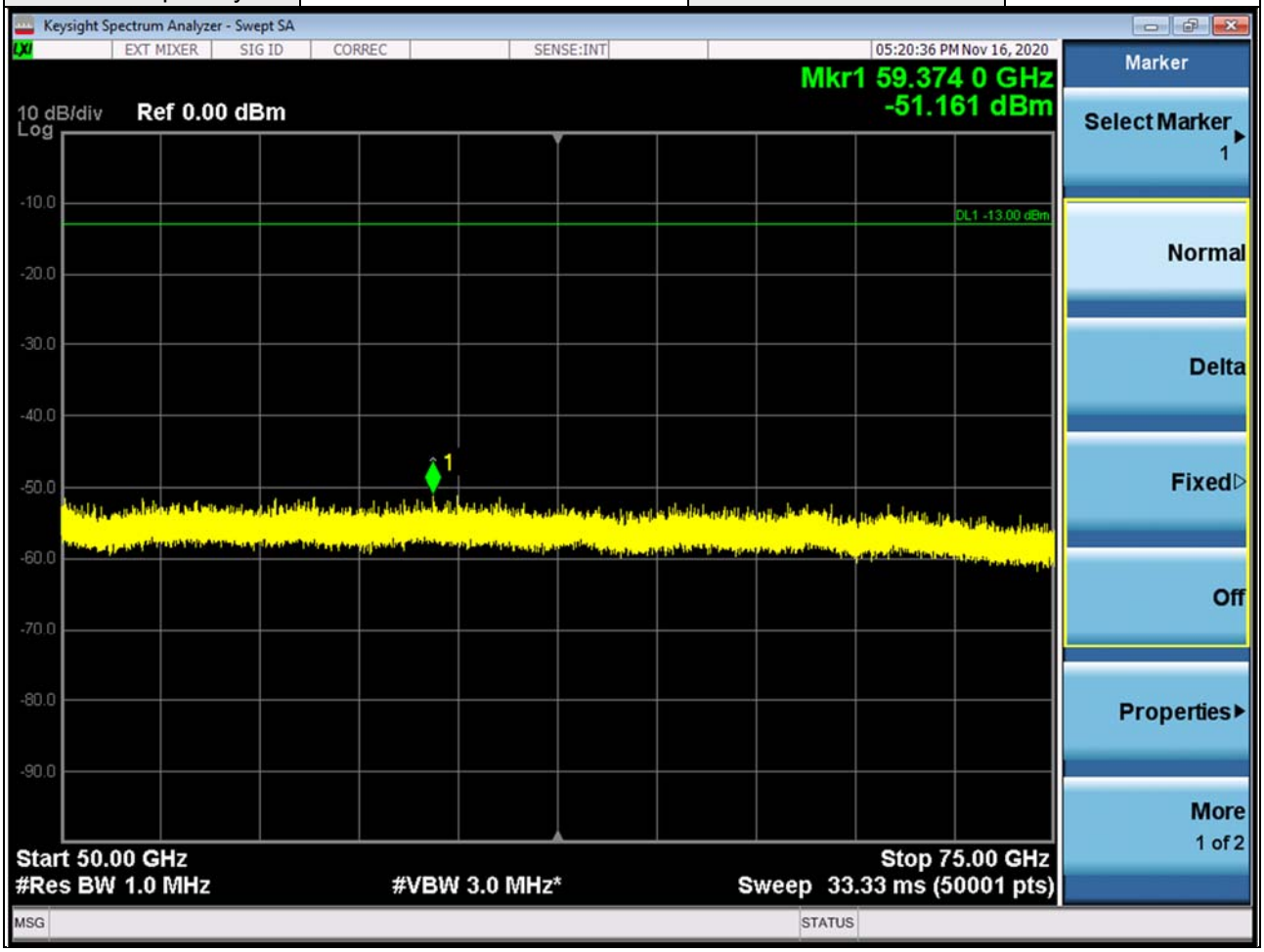
Band	n260	Beam ID	42
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

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

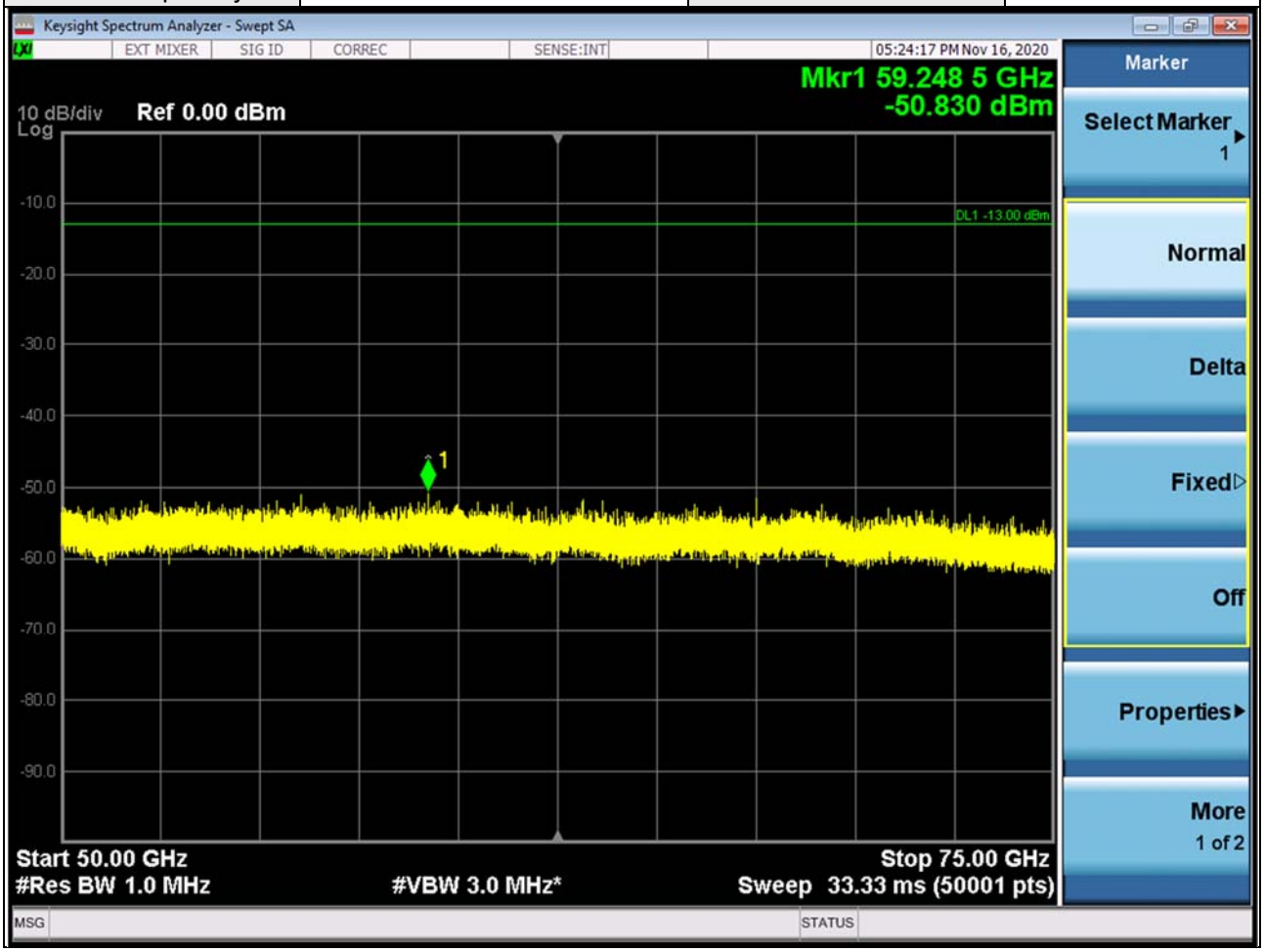
Band	n260	Beam ID	170
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

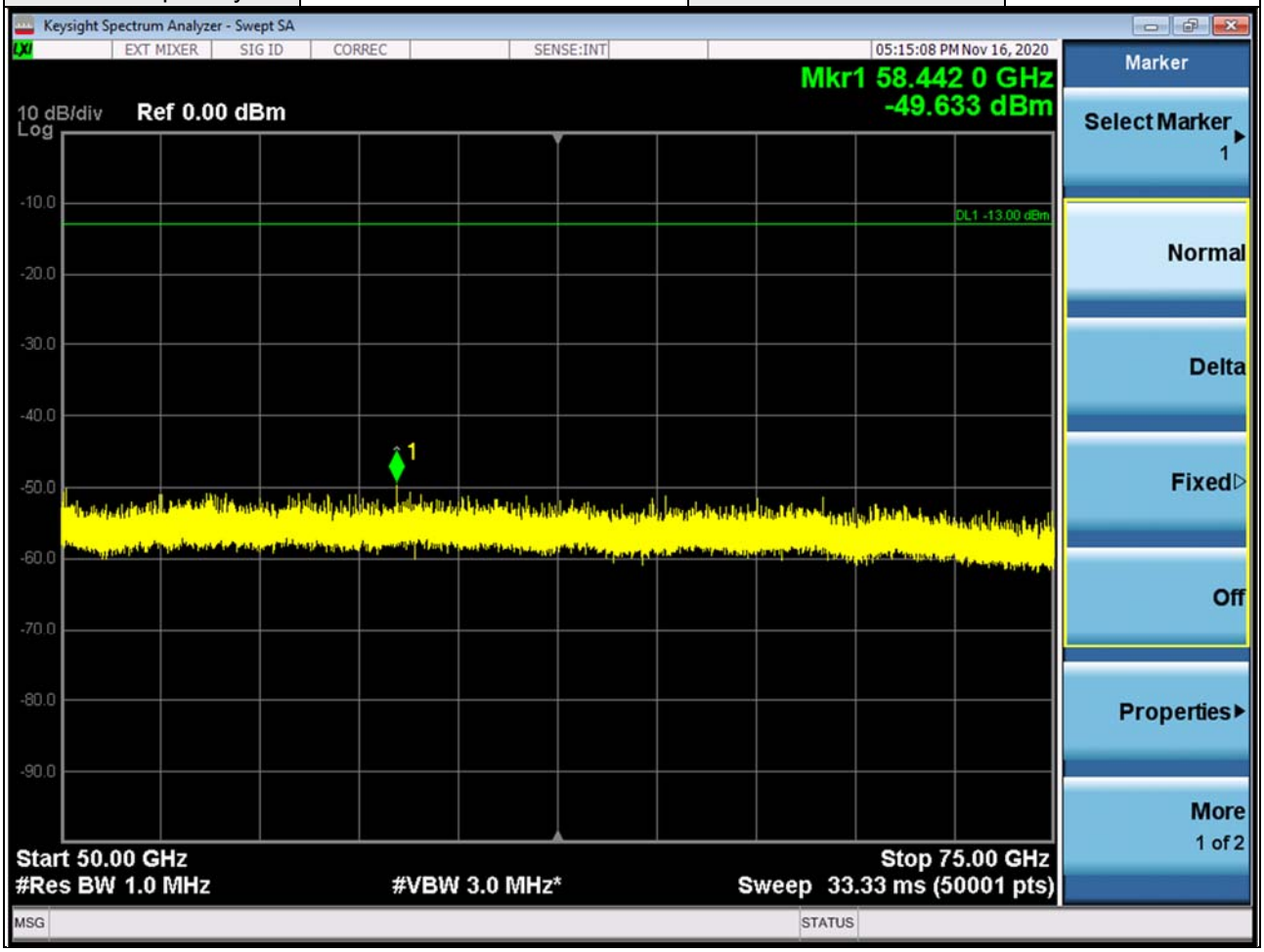
Band	n260	Beam ID	170
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

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

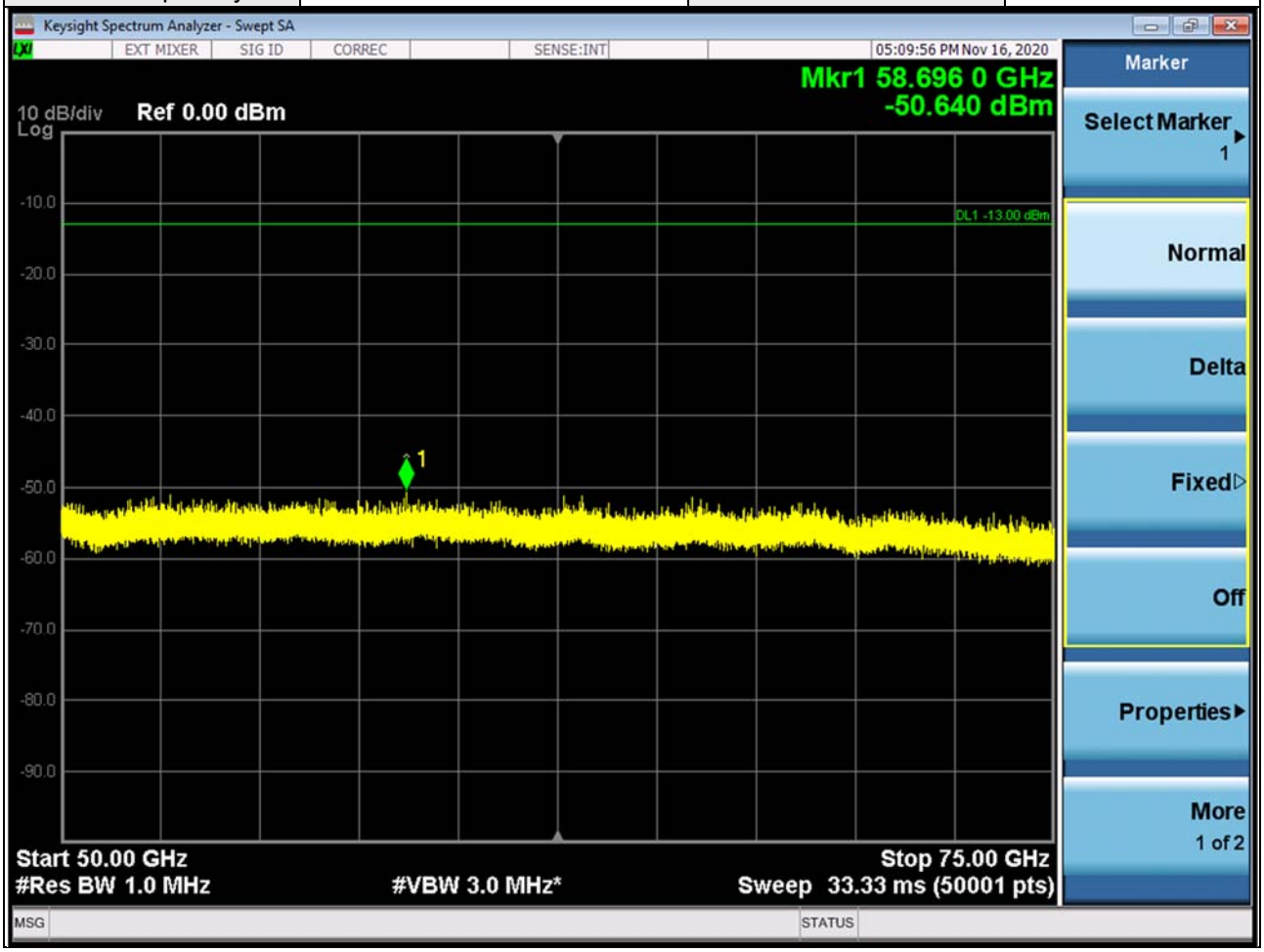
Band	n260	Beam ID	170
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n260	Beam ID	170
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(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.