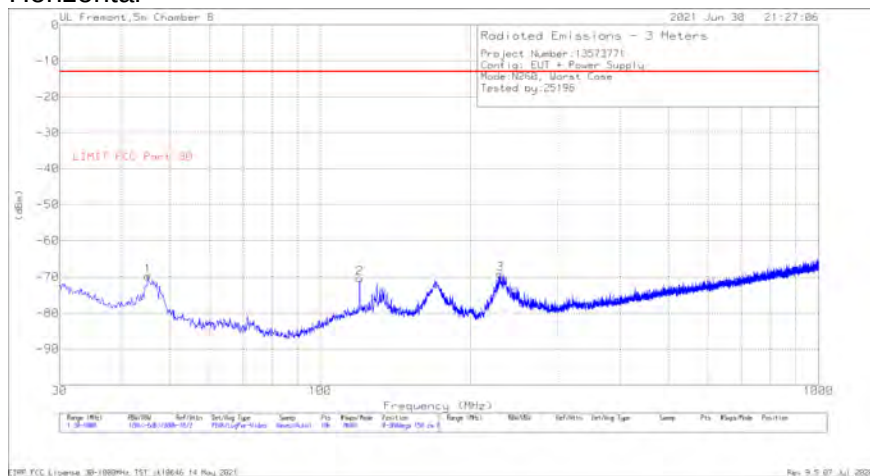


75 - 100 GHz n261, 1CC

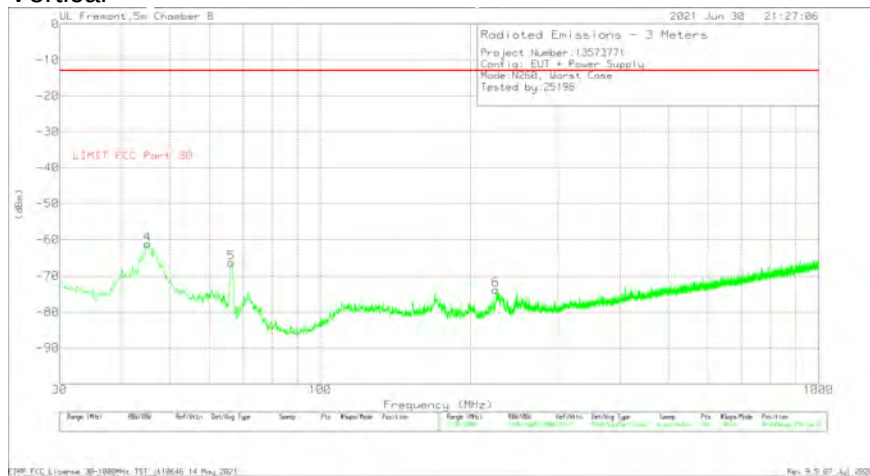
Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M1	83.772	1	H	-28.04	-13	-15.04
M1	83.772	1	V	-25.51	-13	-12.51
M2	82.572	1	H	-30.47	-13	-17.47
M2	82.572	1	V	-35.64	-13	-22.64

8.4.26. RSE n260 30 – 1000 MHz

30 – 1000 MHz, ANT M1 (Pre-scan using Pk Det.) Horizontal



Vertical



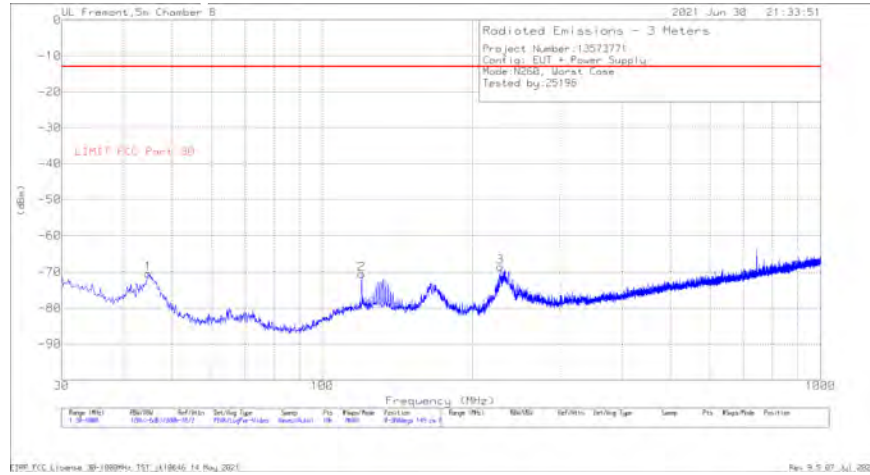
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF (dB/m)	Amp/Cbl (dB)	Cbl (dB)	Corrected Reading (dBm)	LIMIT FCC Part 30 (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	45.035	-58.7	Pk	16.9	-31.2	11.7	-61.3	-13	-48.3	0-360	150	V
1	45.132	-66.93	Pk	16.8	-31.2	11.7	-69.63	-13	-56.63	0-360	150	H
5	66.375	-60.84	Pk	13.9	-31	11.7	-66.24	-13	-53.24	0-360	150	V
2	120.016	-71.39	Pk	19.9	-30.5	11.7	-70.29	-13	-57.29	0-360	150	H
6	224.97	-72.95	Pk	17.4	-29.9	11.7	-73.75	-13	-60.75	0-360	150	V
3	229.529	-68.6	Pk	17.6	-29.9	11.7	-69.2	-13	-56.2	0-360	150	H

Pk - Peak detector

30 – 1000 MHz, ANT M2 (Pre-scan using Pk Det.)

Horizontal



Vertical

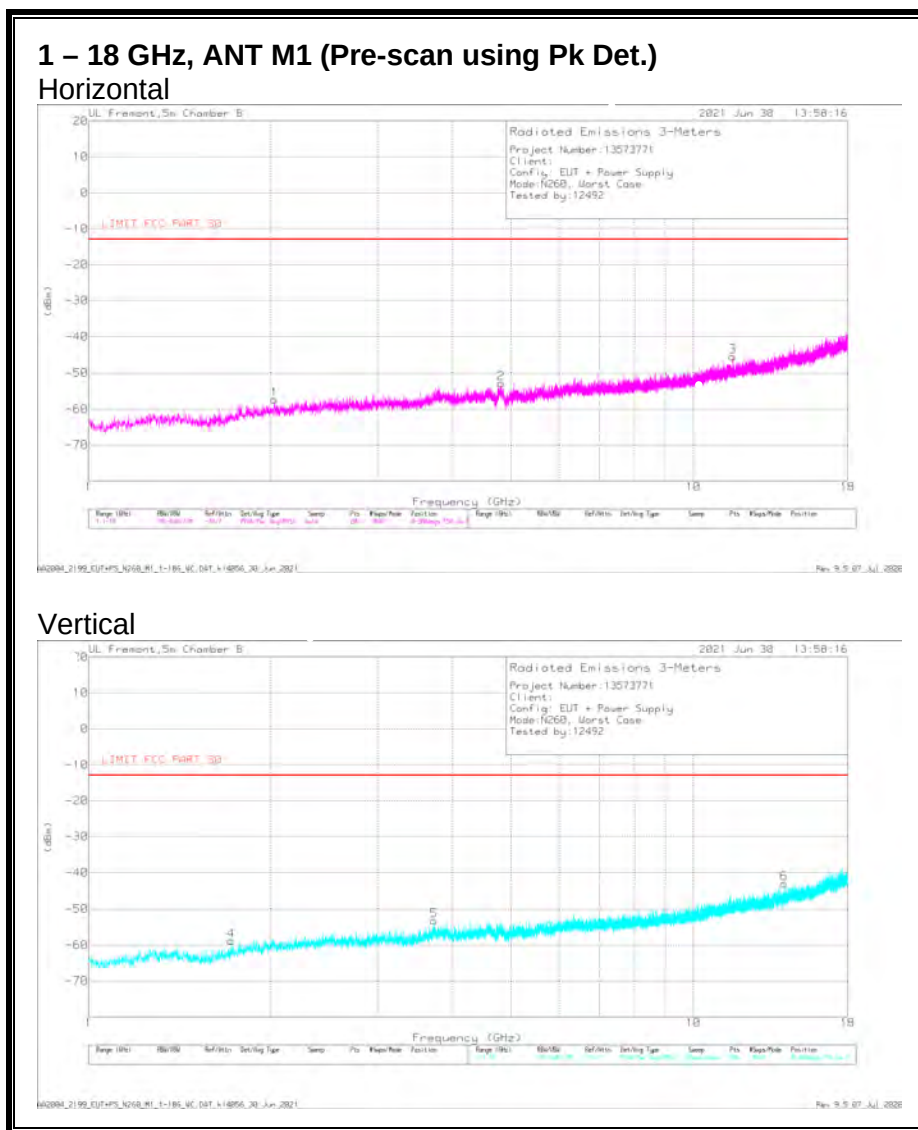


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF (dB/m)	Amp/Cbl (dB)	Cbl (dB)	Corrected Reading (dBm)	LIMIT FCC Part 30 (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	44.744	-67.99	Pk	17.1	-31.2	11.7	-70.39	-13	-57.39	0-360	149	H
4	46.102	-57	Pk	16.2	-31.2	11.7	-60.3	-13	-47.3	0-360	150	V
5	66.278	-57.21	Pk	13.9	-31	11.7	-62.61	-13	-49.61	0-360	150	V
2	120.016	-71.68	Pk	19.9	-30.5	11.7	-70.58	-13	-57.58	0-360	149	H
3	227.783	-67.88	Pk	17.5	-29.9	11.7	-68.58	-13	-55.58	0-360	149	H
6	233.506	-70.98	Pk	17.7	-29.9	11.7	-71.48	-13	-58.48	0-360	150	V

Pk - Peak detector

8.4.27. RSE n260 1 - 18 GHz



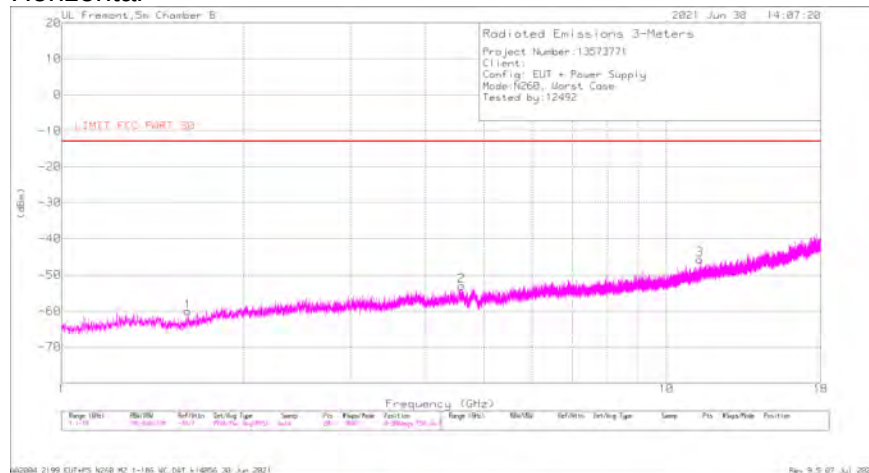
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF (dB/m)	Amp/Cbl (dB)	Cbl (dB)	Corrected Reading (dBm)	LIMIT FCC Part 30 (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.72084	-65.06	Pk	29.4	-34.9	11.7	-58.86	-13	-45.86	0-360	150	V
1	2.0294	-65.49	Pk	31.3	-34.8	11.7	-57.29	-13	-44.29	0-360	150	H
5	3.72354	-65.56	Pk	33.4	-32.7	11.7	-53.16	-13	-40.16	0-360	150	V
2	4.81244	-68.33	Pk	34.2	-30.4	11.7	-52.83	-13	-39.83	0-360	150	H
3	11.60769	-73.29	Pk	38.3	-22.1	11.7	-45.39	-13	-32.39	0-360	150	H
6	14.13316	-73.87	Pk	38.7	-19.5	11.7	-42.97	-13	-29.97	0-360	150	V

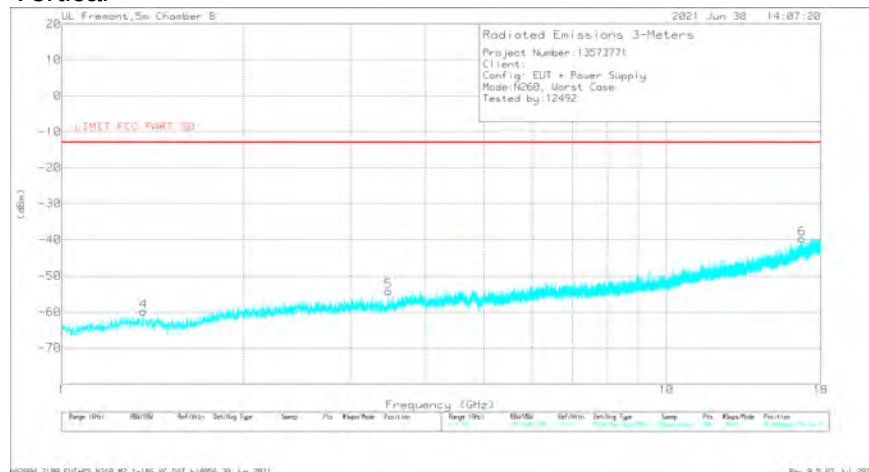
Pk - Peak detector

1 – 18 GHz, ANT M2 (Pre-scan using Pk Det.)

Horizontal



Vertical



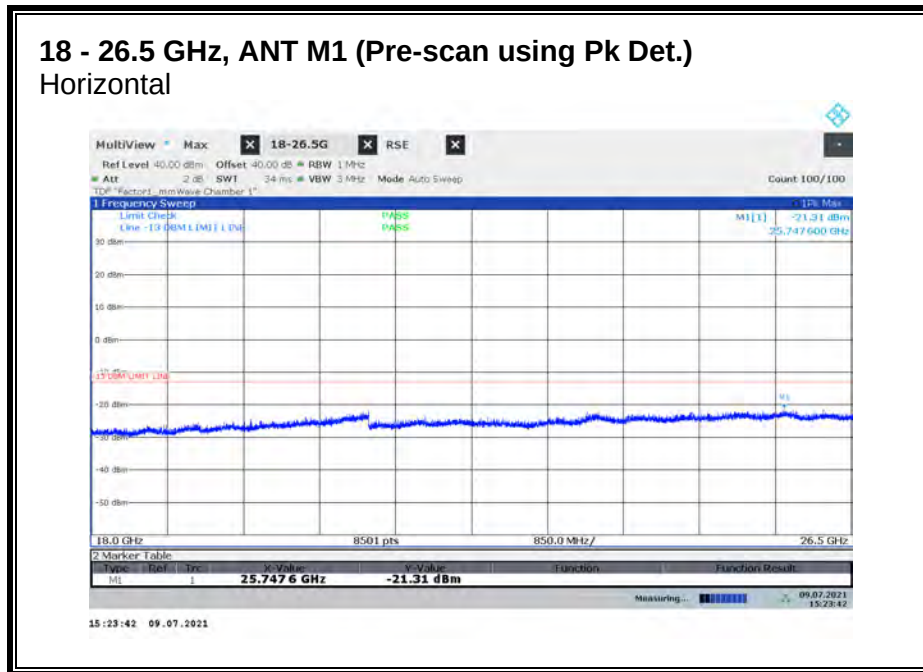
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF (dB/m)	Amp/Cbl (dB)	Cbl (dB)	Corrected Reading (dBm)	LIMIT FCC Part 30 (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.36552	-65.76	Pk	29.1	-34.9	11.7	-59.86	-13	-46.86	0-360	150	V
1	1.61713	-65.26	Pk	28.4	-34.9	11.7	-60.06	-13	-47.06	0-360	150	H
5	3.47278	-65.33	Pk	32.9	-33.4	11.7	-54.13	-13	-41.13	0-360	150	V
2	4.59058	-68.69	Pk	34.2	-30.2	11.7	-52.99	-13	-39.99	0-360	150	H
3	11.35437	-72.77	Pk	38.1	-22.7	11.7	-45.67	-13	-32.67	0-360	150	H
6	16.77425	-75.39	Pk	41.9	-17.9	11.7	-39.69	-13	-26.69	0-360	150	V

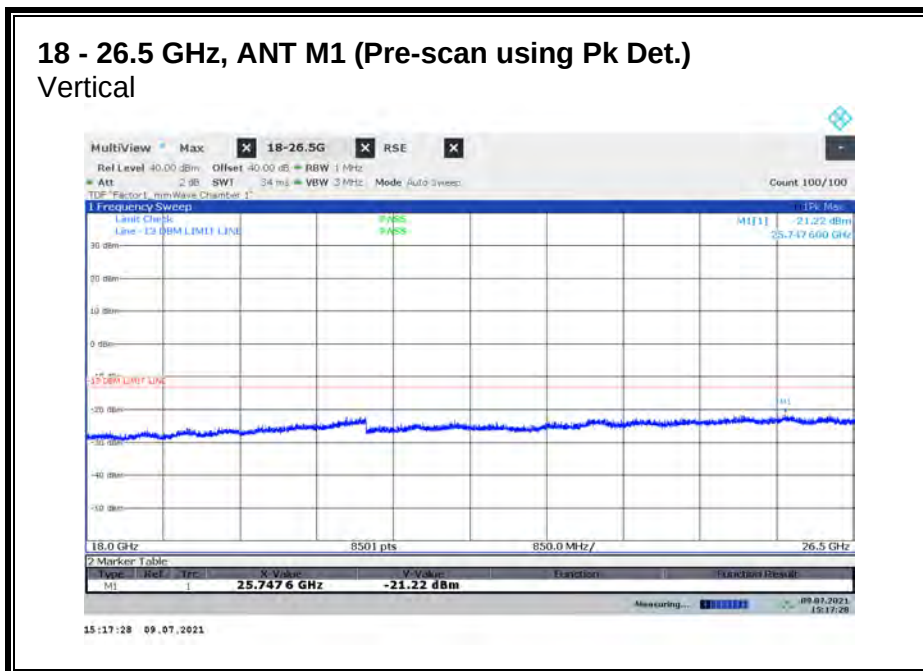
Pk - Peak detector

8.4.28. RSE n260 18 - 26.5 GHz

18 - 26.5 GHz, ANT M1 (Pre-scan using Pk Det.) Horizontal

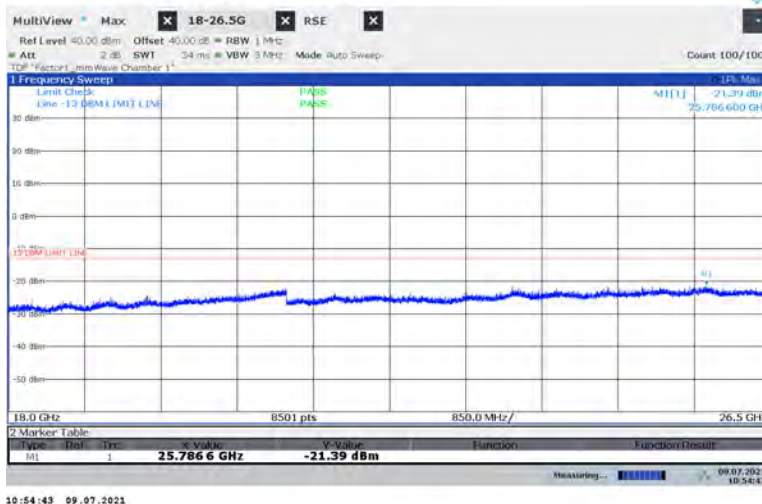


18 - 26.5 GHz, ANT M1 (Pre-scan using Pk Det.) Vertical

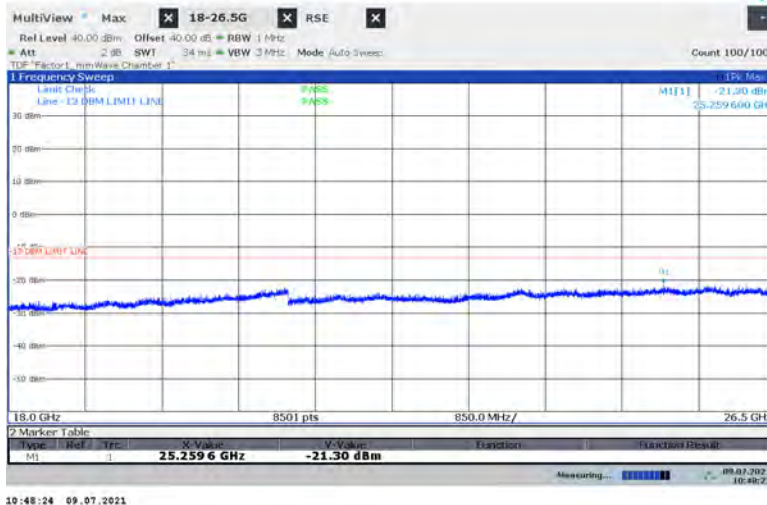


No emission detected using Peak Detection.

18 - 26.5 GHz, ANT M2 (Pre-scan using Pk Det.)
Horizontal



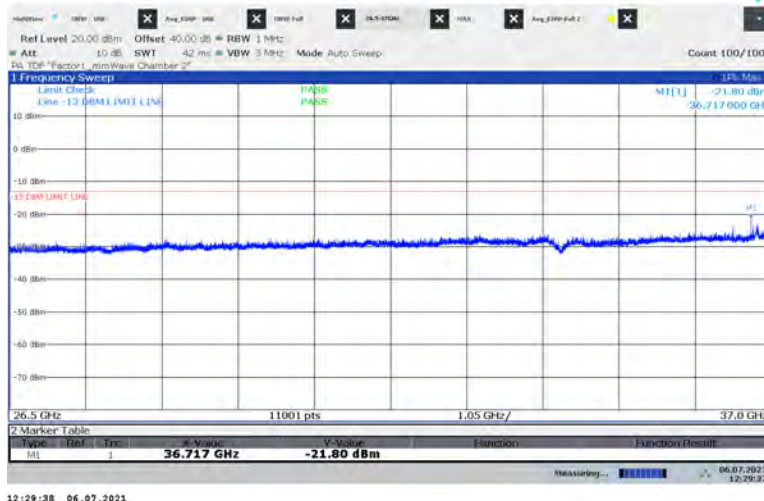
18 - 26.5 GHz, ANT M2 (Pre-scan using Pk Det.)
Vertical



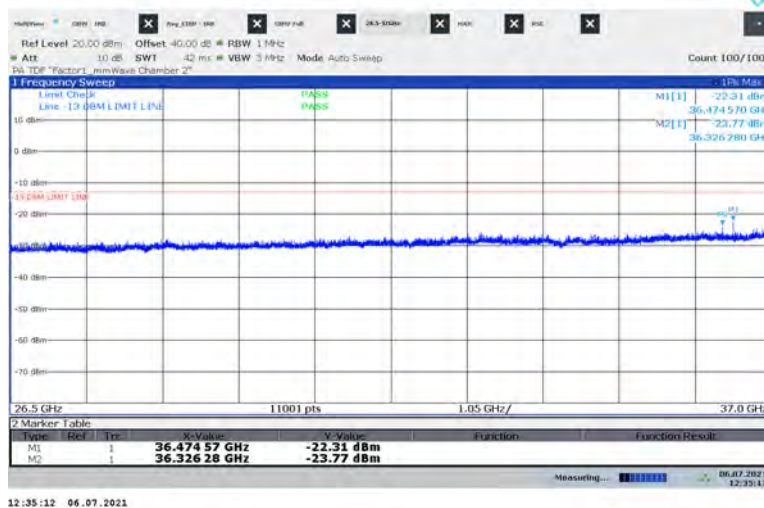
No emission detected using Peak Detection.

8.4.29. RSE n260 26.5 - 37 GHz

26.5 - 37 GHz, ANT M1, 1CC (Pre-scan using Pk Det.) Horizontal

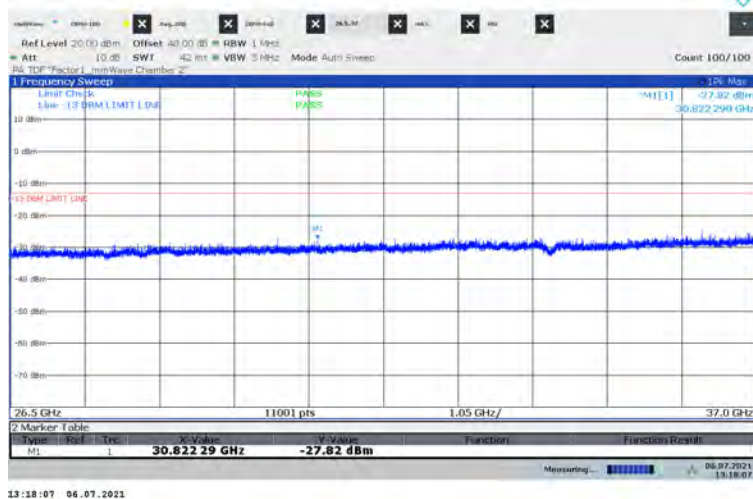


26.5 - 37 GHz, ANT M1, 1CC (Pre-scan using Pk Det.) Vertical

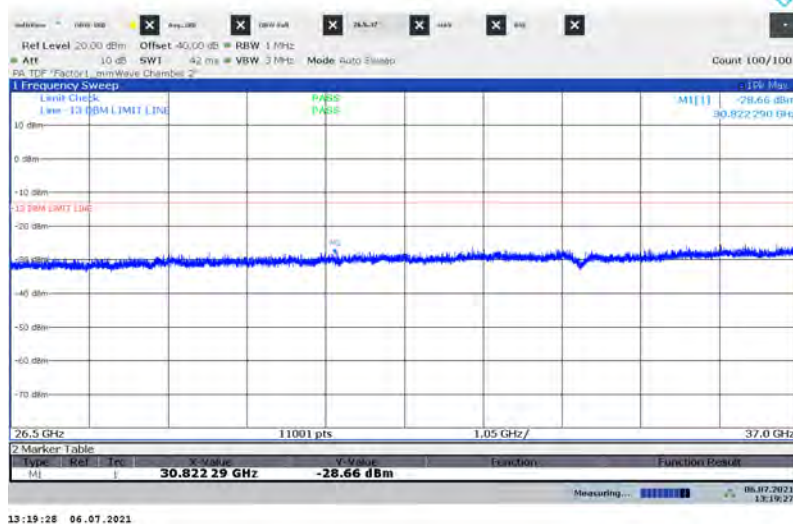


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

26.5 - 37 GHz, ANT M1, 1CC (Pre-scan using Pk Det.)
Horizontal



26.5 - 37 GHz, ANT M1, 1CC (Pre-scan using Pk Det.)
Vertical

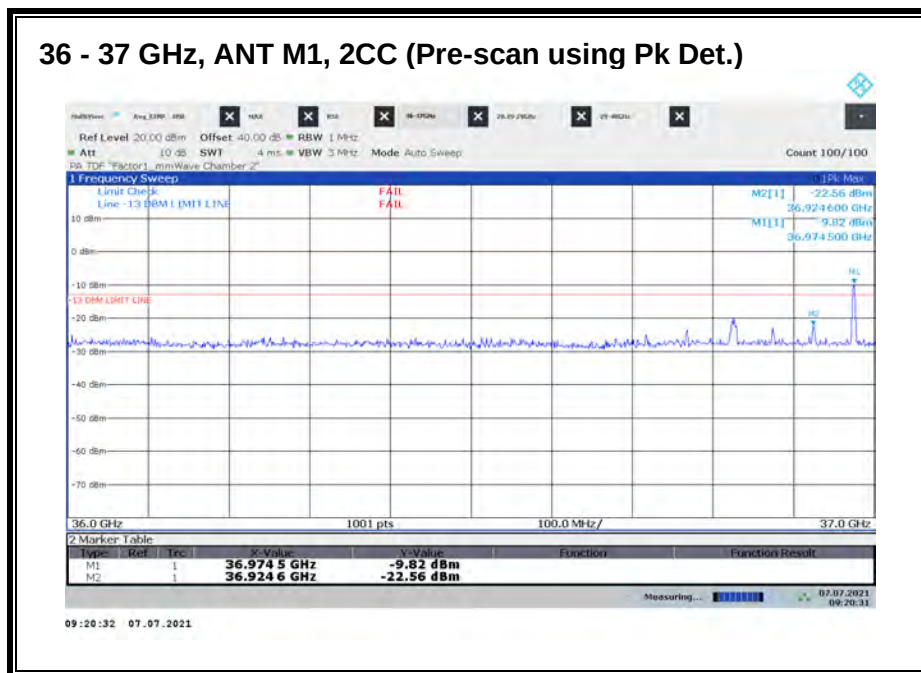


No emission above the noise floor detected.

26.5 - 37 GHz n260, 1CC

Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M1	36.717	3	H	-27.11	-13	-14.11
M1	36.717	3	V	-33.42	-13	-20.42
M1	36.474	3	H	-36.56	-13	-23.56
M1	36.474	3	V	-29.04	-13	-16.04

36 - 37 GHz n260, 2CC



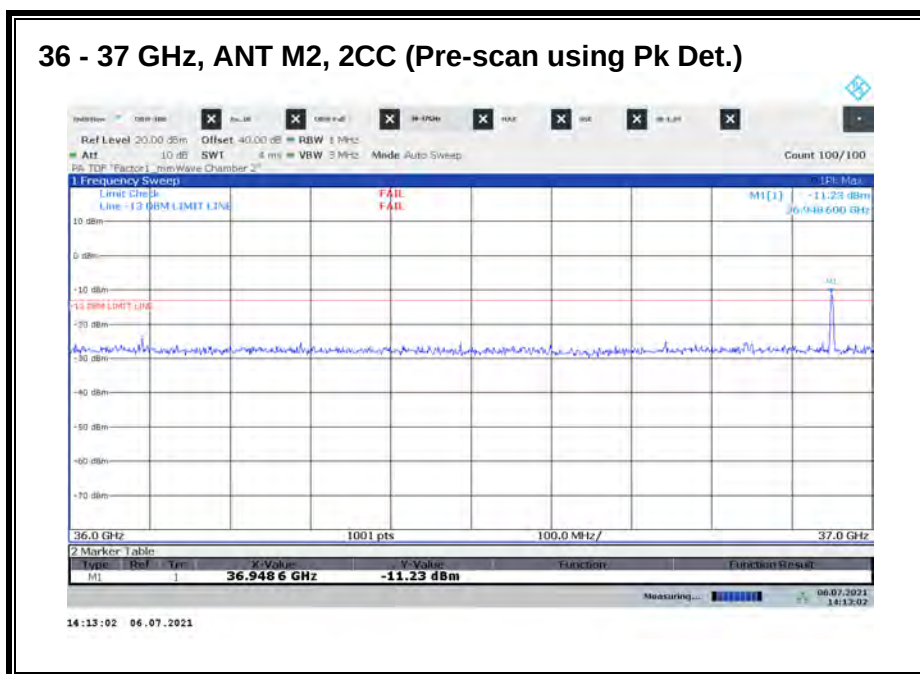
Worst case configuration:

SISO-DUAL_QPSK_(50 MHz + 50 MHz)_Low CH_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

Highest emission in this band was investigated.

Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M1	36.974	3	H	-21.54	-13	-8.54



Worst case configuration:

SISO-DUAL_QPSK_(100 MHz + 100 MHz)_Low CH_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

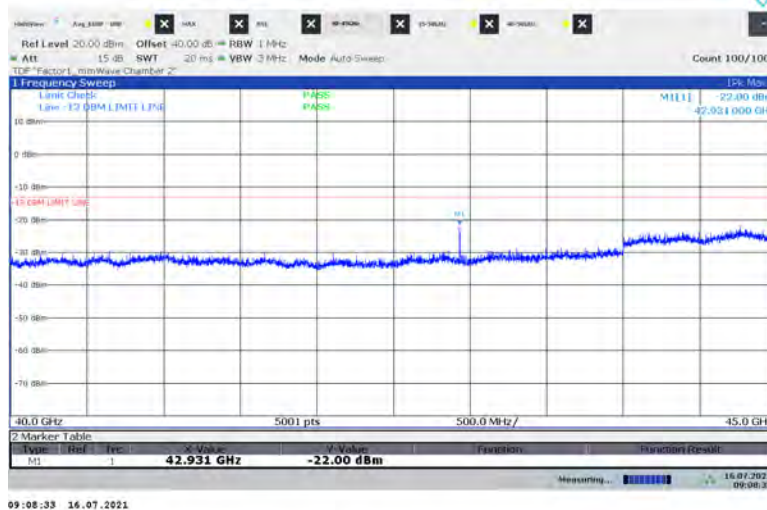
Highest emission in this band was investigated.

Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M2	36.949	3	H	-21.85	-13	-8.85

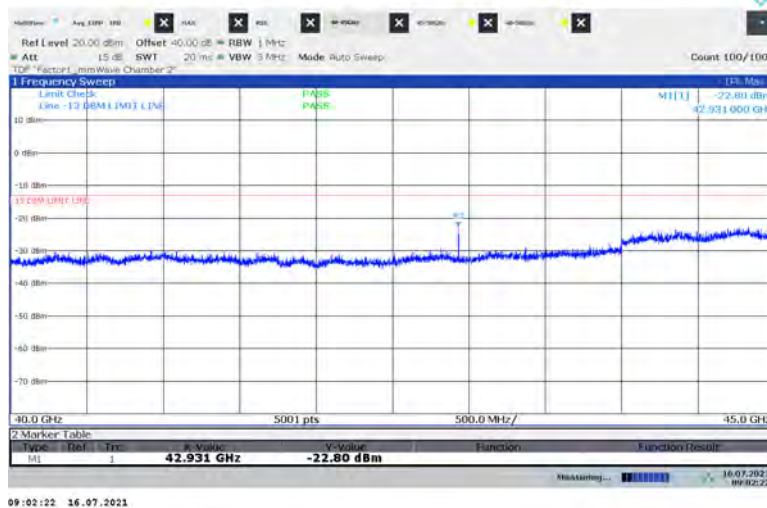
8.4.30. RSE n260 40 - 50 GHz

Note: 37 - 40 GHz covered by Fundamental and BE measurements.

40 – 45 GHz, ANT M1, 1CC (Pre-scan using Pk Det.) Horizontal

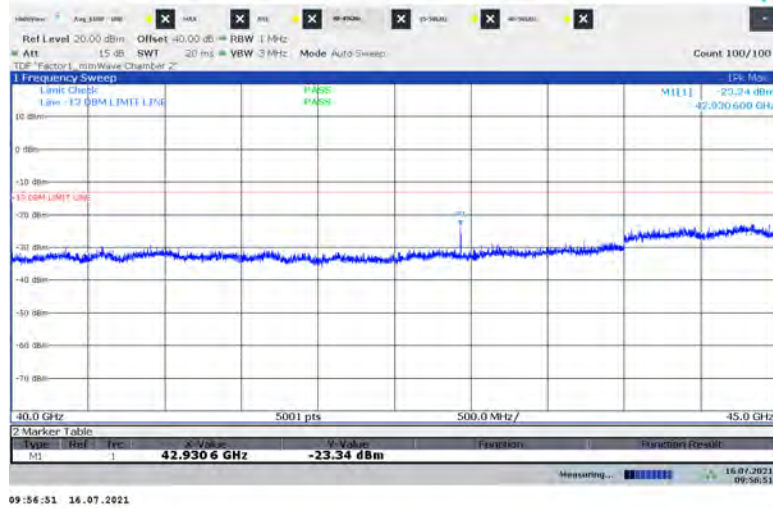


40 – 45 GHz, ANT M1, 1CC (Pre-scan using Pk Det.) Vertical

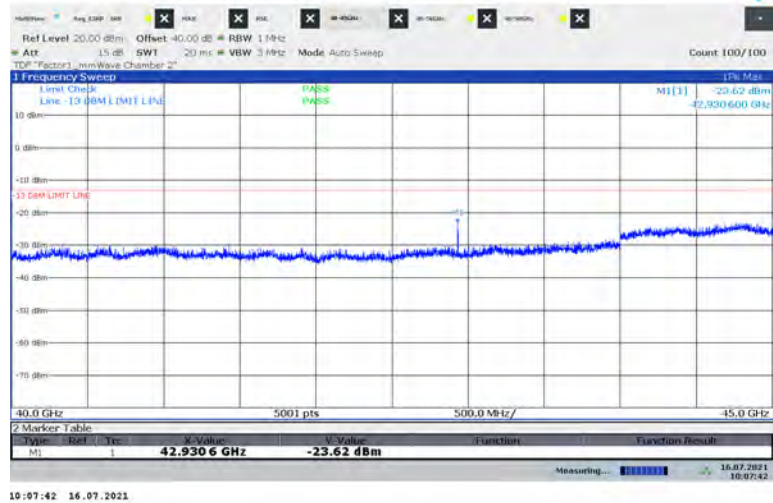


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**40 – 45 GHz, ANT M2, 1CC (Pre-scan using Pk Det.)
Horizontal**



**40 – 45 GHz, ANT M2, 1CC (Pre-scan using Pk Det.)
Vertical**

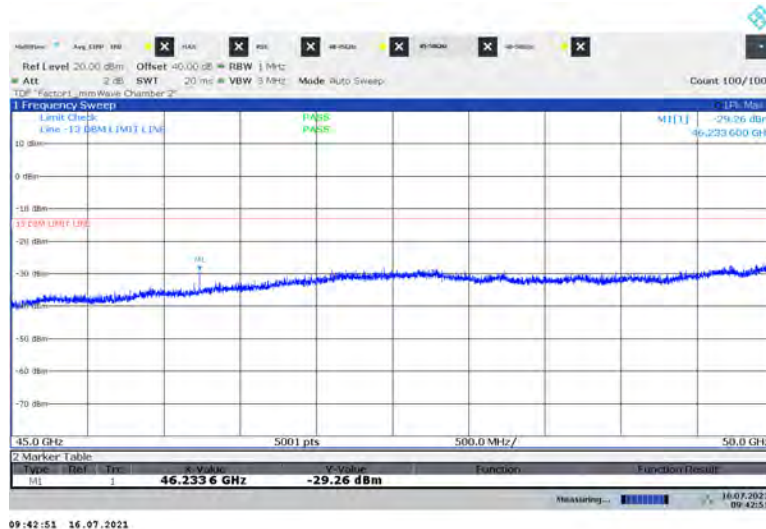


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

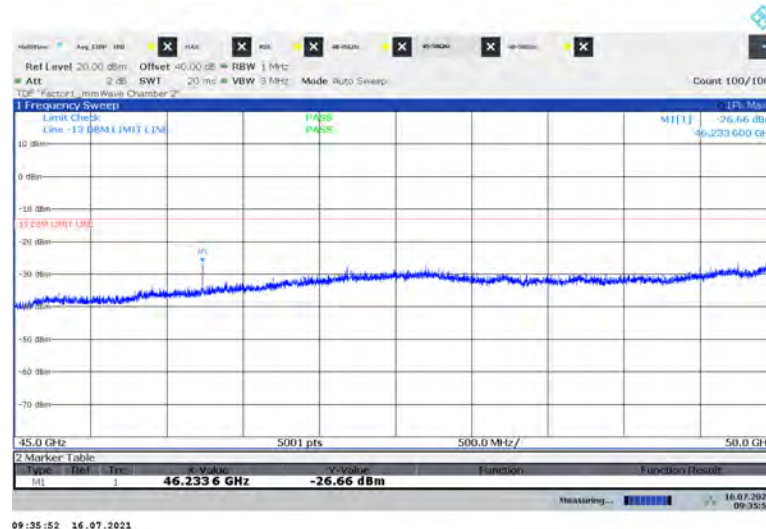
40 - 45 GHz n260, 1CC

Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M1	42.931	3	H	-22.35	-13	-9.35
M1	42.931	3	V	-23.28	-13	-10.28
M2	42.931	3	H	-22.52	-13	-9.52
M2	42.931	3	V	-39.01	-13	-26.01

45 – 50 GHz, ANT M1, 1CC (Pre-scan using Pk Det.) Horizontal

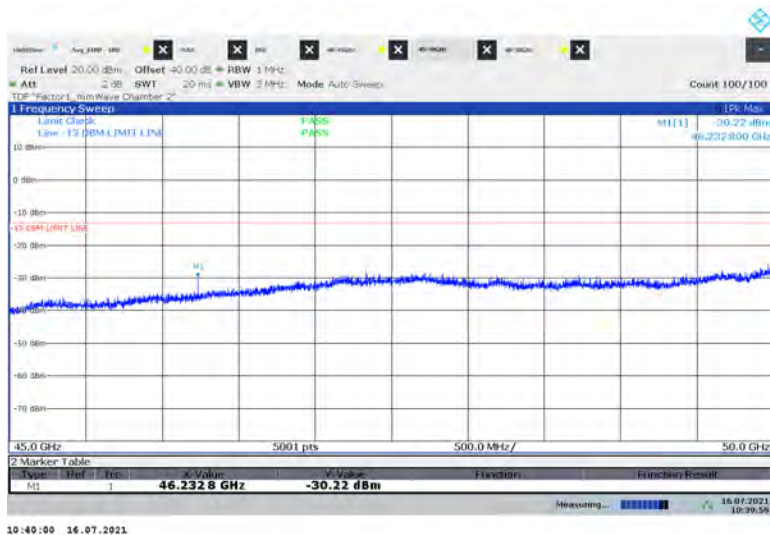


45 – 50 GHz, ANT M1, 1CC (Pre-scan using Pk Det.) Vertical

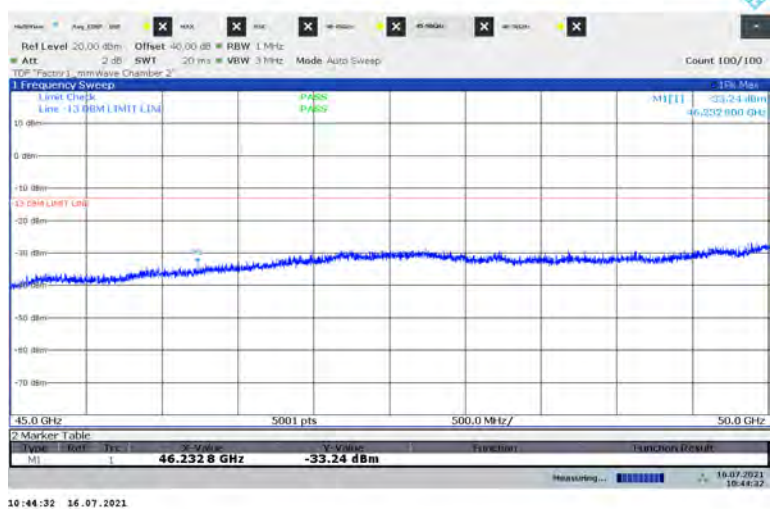


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

45 – 50 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Horizontal



45 – 50 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Vertical

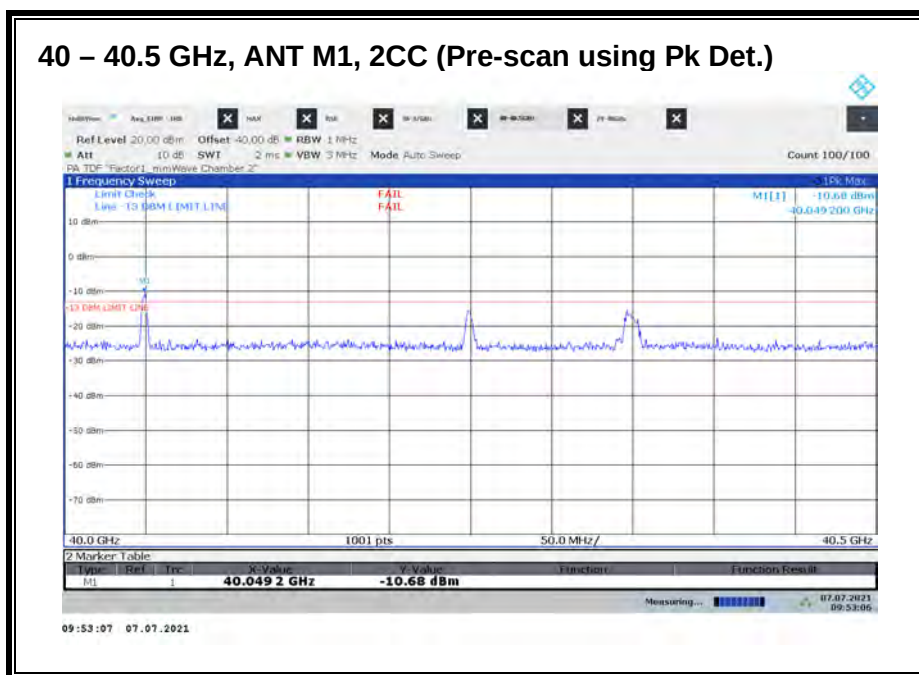


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

45 - 50 GHz n260, 1CC

Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M1	46.233	3	H	-30.16	-13	-17.16
M1	46.233	3	V	-32.17	-13	-19.17
M2	46.233	3	H	-30.56	-13	-17.56
M2	46.233	3	V	-40.19	-13	-27.19

40 – 40.5 GHz n260, 2CC



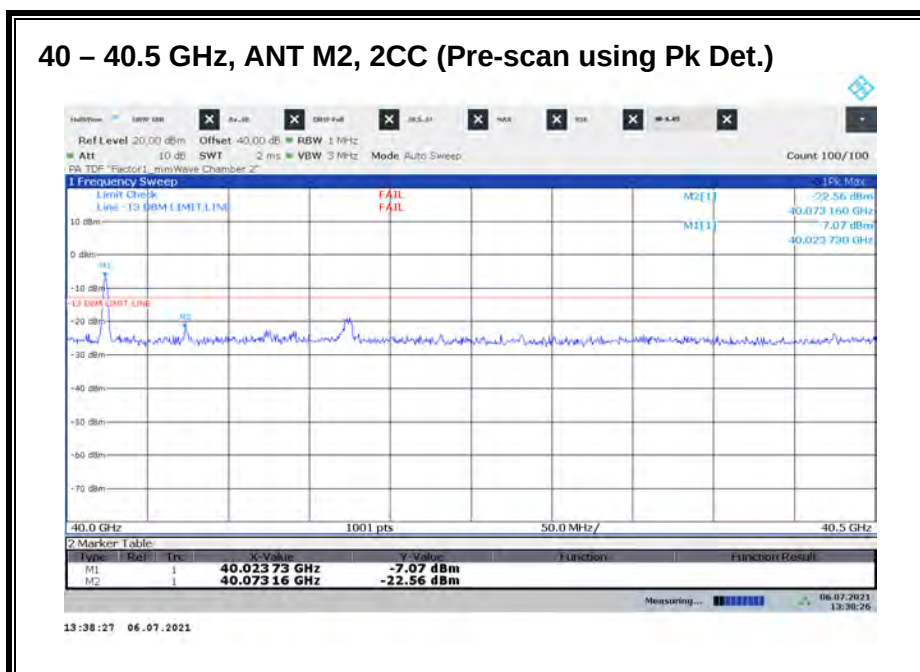
Worst case configuration:

SISO-DUAL_QPSK_(100 MHz + 100 MHz)_High CH_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

Highest emission in this band was investigated.

Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M1	40.049	3	H	-20.69	-13	-7.69



Worst case configuration:

SISO-DUAL_QPSK_(50 MHz + 50 MHz)_High CH_RB Offset 1/15 (1RB-M)

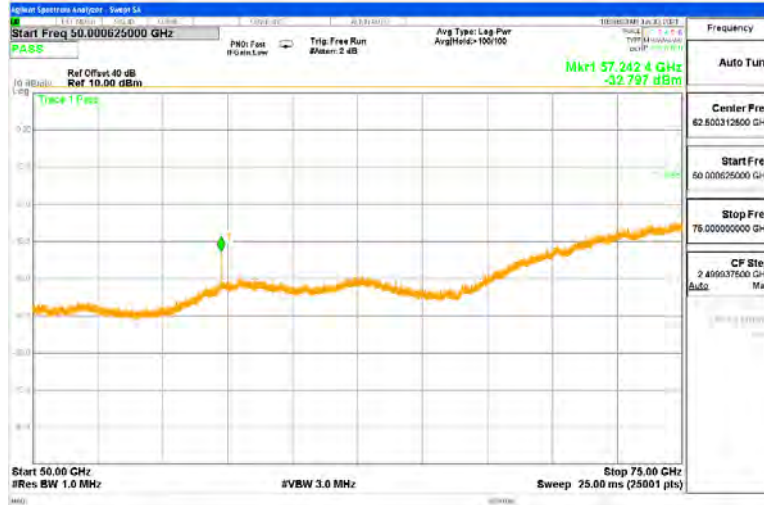
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

Highest emission in this band was investigated.

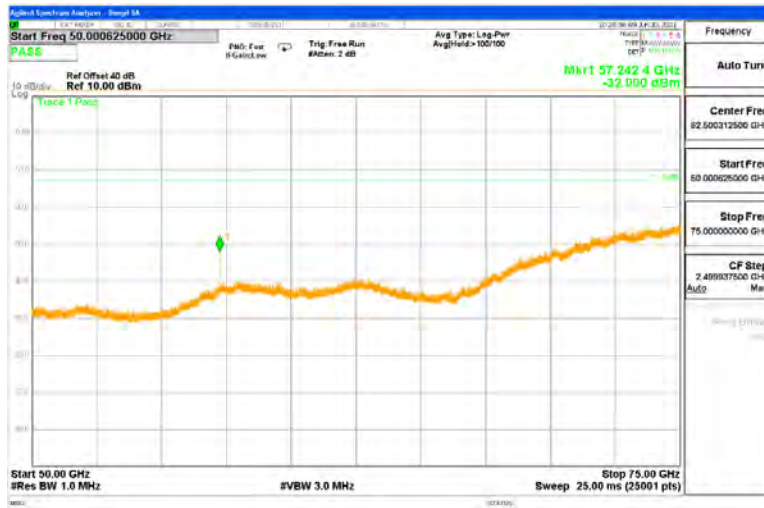
Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M2	40.024	3	H	-19.36	-13	-6.36

8.4.31. RSE n260 50 - 75 GHz

50 - 75 GHz, ANT M1 (Pre-scan using Pk Det.) Horizontal



50 - 75 GHz, ANT M1 (Pre-scan using Pk Det.) Vertical

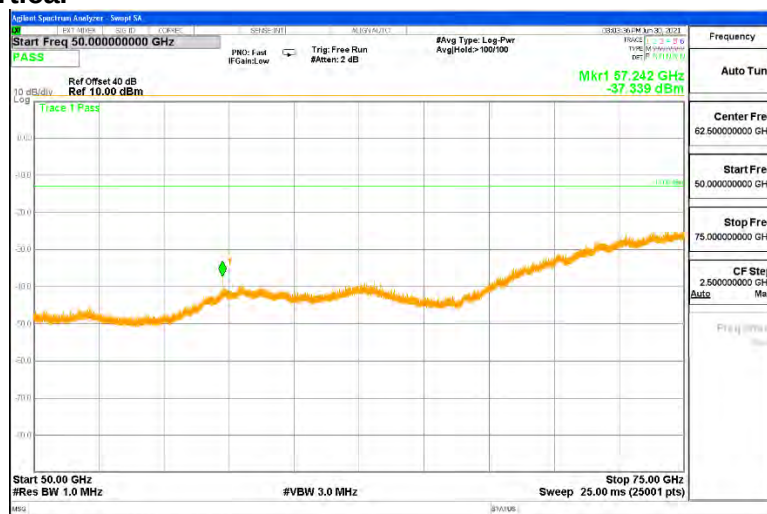


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

50 - 75 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal



50 - 75 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical



No emission detected using Peak Detection.

50 - 75 GHz n260, 1CC

Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M1	57.242	1.5	H	-34.77	-13	-21.77
M1	57.242	1.5	V	-32.75	-13	-19.75
M2	57.242	1.5	H	-41.66	-13	-28.66
M2	57.242	1.5	V	-38.91	-13	-25.91

8.4.32. RSE n260 75 - 110 GHz

75 - 110 GHz, ANT M1 (Pre-scan using Pk Det.) Horizontal



75 - 110 GHz, ANT M1 (Pre-scan using Pk Det.) Vertical



No emission detected using Peak Detection.

75 - 110 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal



75 - 110 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

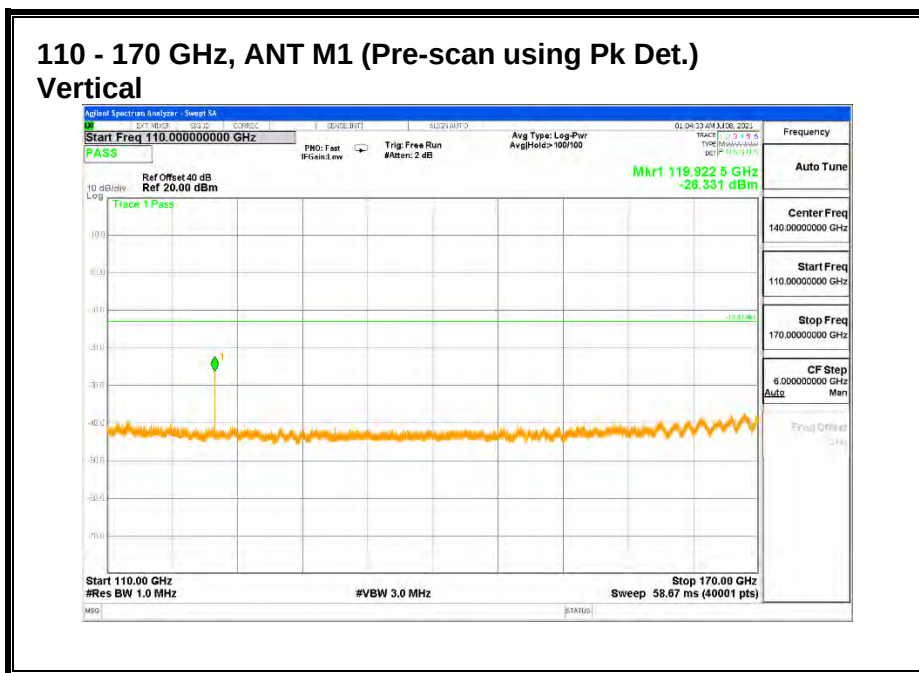
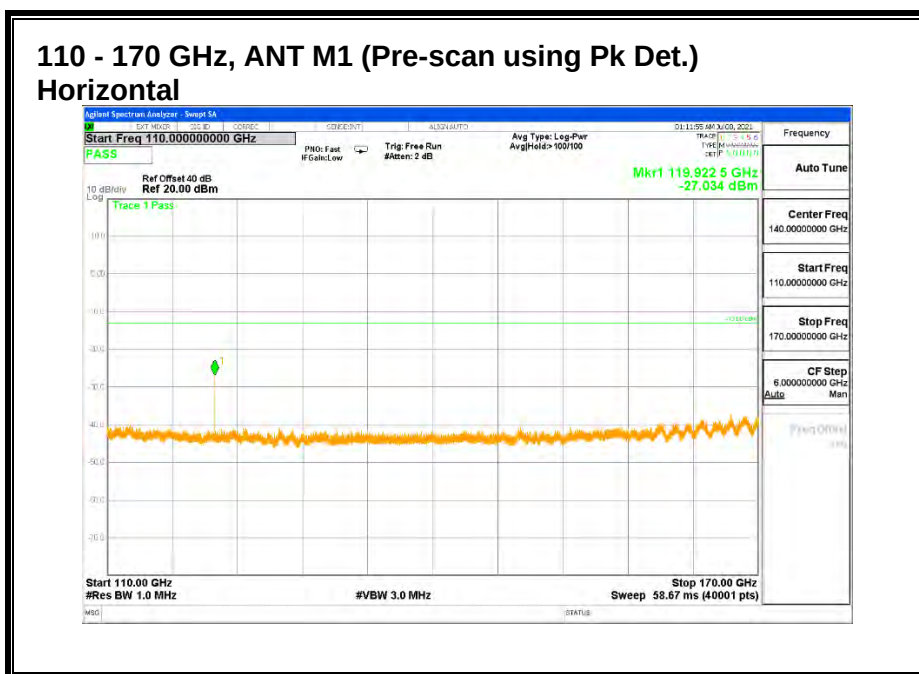


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

75 - 110 GHz n260, 1CC

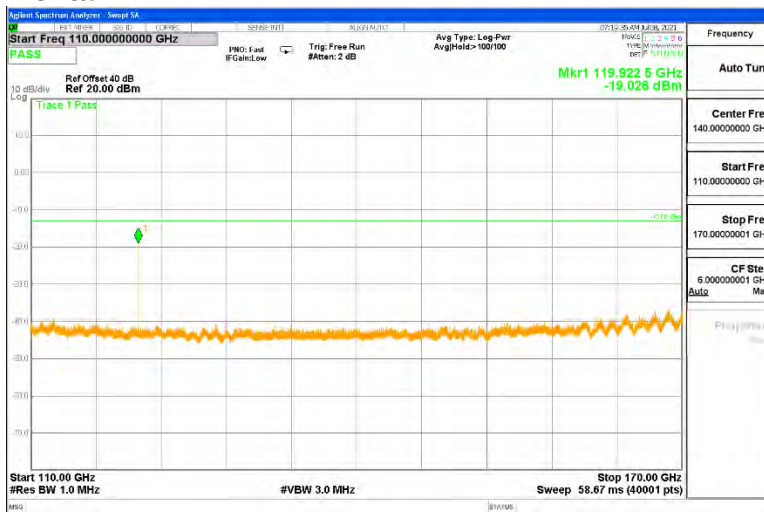
Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M2	79.948	1	H	-34.26	-13	-21.26
M2	79.948	1	V	-49.10	-13	-36.10

8.4.33. RSE n260 110 - 170 GHz

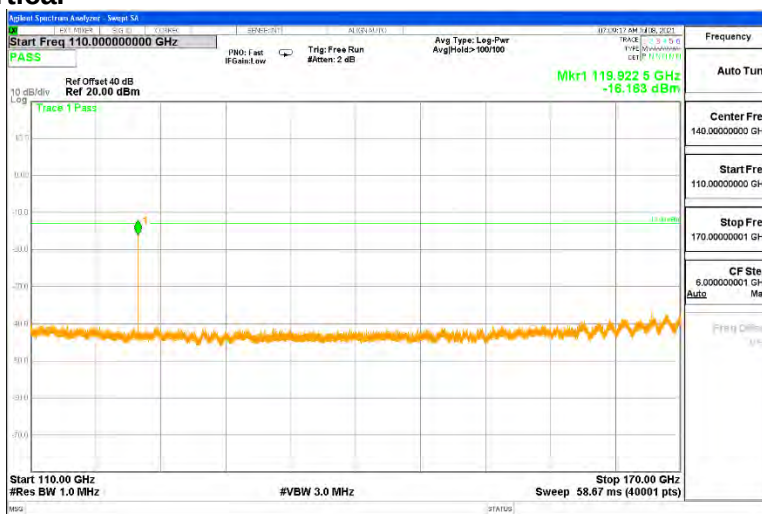


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

110 - 170 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal



110 - 170 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical



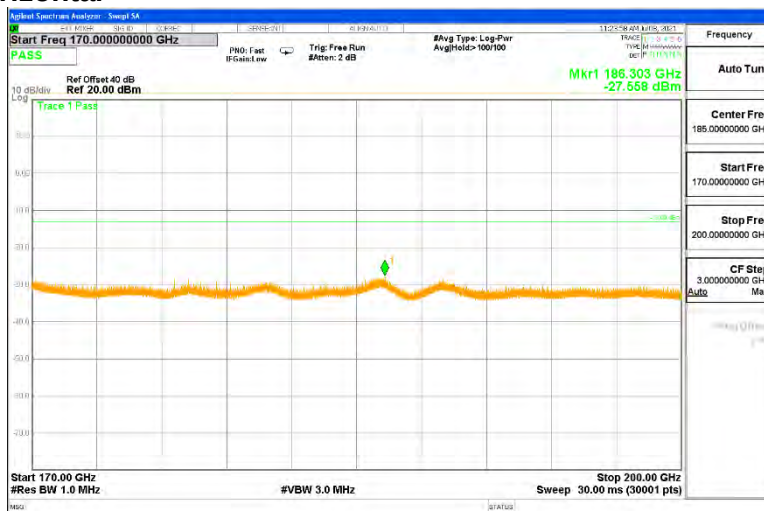
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

110 - 170 GHz n260, 1CC

Antenna	Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
	(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
M1	119.922	1	H	-28.74	-13	-15.74
M1	119.922	1	V	-41.35	-13	-28.35
M2	119.922	1	H	-26.31	-13	-13.31
M2	119.922	1	V	-20.78	-13	-7.78

8.4.34. RSE n260 170 - 200 GHz

170 - 200 GHz, ANT M1 (Pre-scan using Pk Det.) Horizontal

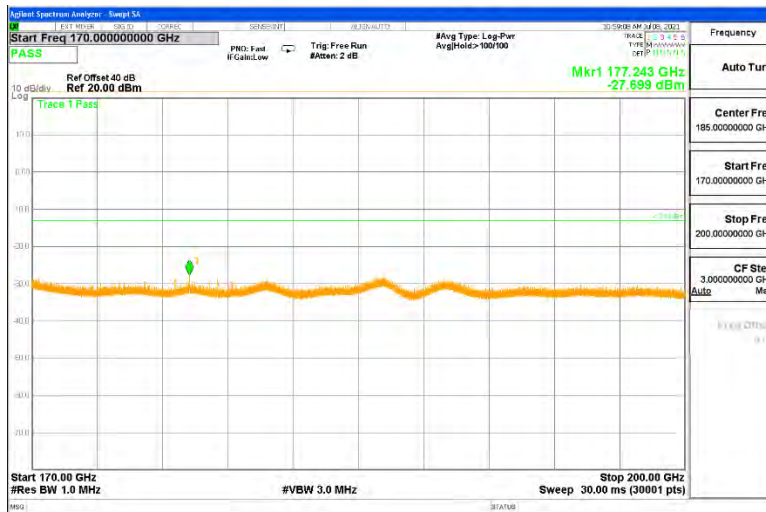


170 - 200 GHz, ANT M1 (Pre-scan using Pk Det.) Vertical

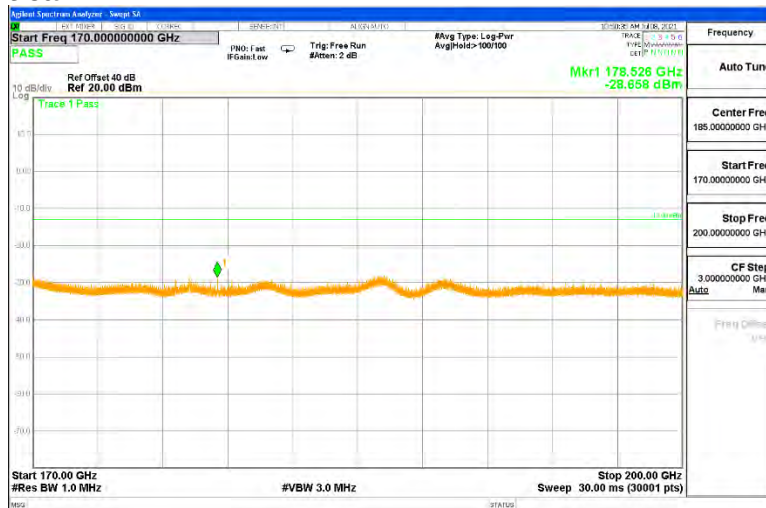


No emission detected using Peak Detection.

**170 - 200 GHz, ANT M2 (Pre-scan using Pk Det.)
Horizontal**



**170 - 200 GHz, ANT M2 (Pre-scan using Pk Det.)
Vertical**



No emission detected using Peak Detection.

8.5. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055

LIMIT

For reporting purposes only

TEST PROCEDURES

KDB 842590 D01 Upper Microwave Flexible Use Service v01 Section 4.5
ANSI C63.26-2015 Section 5.6

Test procedures for temperature variation:

- a. Position the EUT in temperature/humidity chamber with power off.
 - b. Set chamber temperature to -30°C and stabilize the EUT for at least 30 minutes.
 - c. Record maximum change in frequency within one minute after powering the EUT.
 - d. Increase chamber temperature at 10°C intervals from -30°C to 50°C. Record maximum change in frequency at each temperature.
 - e. A period of at least 30 minutes is provided to allow stabilization of the equipment at each temperature level.
- Temp. = -30°C to +50°C

Test procedures for voltage variation:

- a. Position the EUT in temperature/humidity chamber with power off.
 - b. Set chamber temperature to 20°C.
 - c. Record maximum frequency change within one minute after powering the EUT.
 - d. The primary supply voltage is varied from 85% to 115% of the nominal value for hand-carried, battery-powered equipment. primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.
- Voltage = (85% - 115%)
 - Nominal: 3.8 VDC; Low: 3.32VDC; High: 4.37 VDC

The measurements were performed with the CW signal of center frequency of each frequency band. Testing of n258 SB1 and n261 bands on Ant M1 represent the performance of Chipset 1. Likewise, testing of n258 SB2 and n260 bands on Ant M2 represent the performance of Chipset 2.

RESULTS

See the following pages.

Employee IDs: 19437 & 19459

Test Date: 6/19/2021

Test Location: Temperature Chamber

8.5.1. FREQUENCY STABILITY n258 SB1

			Antenna M1 n258 SB1	
Input Voltage	Environment	Frequency	Frequency	Delta
	Temperature (°C)	(Hz)	(MHz)	(kHz)
Normal	50	2435484010	2435.4840100	-9.490
Normal	40	2435485500	2435.4855000	-8.000
Normal	30	2435488500	2435.4885000	-5.000
Normal	20	2435493500	2435.4935000	Reference
Normal	10	2435497490	2435.4974900	3.990
Normal	0	2435507480	2435.5074800	13.980
Normal	-10	2435512480	2435.5124800	18.980
Normal	-20	2435505480	2435.5054800	11.980
Normal	-30	2435510980	2435.5109800	17.480
115%	20	2435486500	2435.4865000	-7.000
85%	20	2435487000	2435.4870000	-6.500

8.5.2. FREQUENCY STABILITY n258 SB2

			Antenna M2 n258 SB2	
Input Voltage	Environment	Frequency	Frequency	Delta
	Temperature (°C)	(Hz)	(MHz)	(kHz)
Normal	50	2500489010	2500.4890100	-12.490
Normal	40	2500476020	2500.4760200	-25.480
Normal	30	2500487010	2500.4870100	-14.490
Normal	20	2500501500	2500.5015000	Reference
Normal	10	2500505000	2500.5050000	3.500
Normal	0	2500505490	2500.5054900	3.990
Normal	-10	2500512990	2500.5129900	11.490
Normal	-20	2500516980	2500.5169800	15.480
Normal	-30	2500504500	2500.5045000	3.000
115%	20	2500487010	2500.4870100	-14.490
85%	20	2500493010	2500.4930100	-8.490

8.5.3. FREQUENCY STABILITY n261

			Antenna M1 n261	
Input Voltage	Environment	Frequency	Frequency	Delta
	Temperature (°C)	(Hz)	(MHz)	(kHz)
Normal	50	2792981010	2792.9810100	6.000
Normal	40	2792981010	2792.9810100	6.000
Normal	30	2792995000	2792.9950000	19.990
Normal	20	2792975010	2792.9750100	Reference
Normal	10	2792984010	2792.9840100	9.000
Normal	0	2793005980	2793.0059800	30.970
Normal	-10	2793009480	2793.0094800	34.470
Normal	-20	2793007480	2793.0074800	32.470
Normal	-30	2793007980	2793.0079800	32.970
115%	20	2792980010	2792.9800100	5.000
85%	20	2792984010	2792.9840100	9.000

8.5.4. FREQUENCY STABILITY n260

			Antenna M2 n260	
Input Voltage	Environment	Frequency	Frequency	Delta
	Temperature (°C)	(Hz)	(MHz)	(kHz)
Normal	50	3850483520	3850.4835200	3.000
Normal	40	3850467030	3850.4670300	-13.490
Normal	30	3850476520	3850.4765200	-4.000
Normal	20	3850480520	3850.4805200	Reference
Normal	10	3850493010	3850.4930100	12.490
Normal	0	3850505990	3850.5059900	25.470
Normal	-10	3850514490	3850.5144900	33.970
Normal	-20	3850520980	3850.5209800	40.460
Normal	-30	3850516480	3850.5164800	35.960
115%	20	3850474530	3850.4745300	-5.990
85%	20	3850486010	3850.4860100	5.490

9. SETUP PHOTOS

Please refer to 13573771-EP20V1 for setup photos.

END OF REPORT

APPENDIX A

1. 50 - 80 GHz Keysight M1970V



Certificate Of Calibration

Certificate No: M1970VMY5139083020200903

Manufacturer: Keysight Technologies
Model No: M1970V
Options Installed With Specifications: 002

Description: Waveguide Harmonic Mixer
Serial No: MY51390830

Customer Asset:
Customer:
UL Verification Services Inc
47173 Benicia St
FREMONT CA 94538-7366
UNITED STATES

Location of Calibration:
Plot 44, Bayan Lepas Industrial Park IV
11900 Penang
Malaysia

Date of Calibration: 03-SEP-2020
Temperature: (23 ± 3)*°C
Procedure: MTA-T0264

Received Date: 03-SEP-2020
Humidity: (20 to 70) % RH

This certifies that the equipment has been calibrated using applicable Keysight Technologies procedures in compliance with a quality management system registered to ISO 9001:2015.

As Received Conditions: Initial testing found the equipment to be IN SPECIFICATION at the points tested.

Action Taken: No corrective actions were necessary.

As Shipped Conditions: At the completion of calibration, measured values were IN SPECIFICATION at the parameters tested.

Remarks or special requirements:

Notes:

1. This calibration report may refer to equipment manufactured by HP, Agilent and Keysight as being manufactured by Keysight Technologies, Inc.
2. The test limits stated in the calibration report correspond to the published specifications of the equipment, at the points tested.
3. The documented test results relate to the equipment tested only.
4. This calibration report shall not be reproduced, except in full.

Traceability Information: Measurements are traceable to the International System of Units (SI) via national metrology institutes (www.keysight.com/find/NMI) that are signatories to the CIPM Mutual Recognition Arrangement.

Keysight Provider #71456				
CAL	03	09	20	NY
DUE				

2. 75 - 110 GHz Keysight M1970W



Certificate Of Calibration

Certificate No: M1970WMY5143078420200902

Manufacturer: Keysight Technologies
Model No: M1970W
Options Installed With Specifications: N/A

Description: Waveguide Harmonic Mixer
Serial No: MY51430784

Customer Asset:
Customer:
UL Verification Services Inc
47173 Benicia St
FREMONT CA 94538-7366
UNITED STATES

Location of Calibration:
Plot 44, Bayan Lepas Industrial Park IV
11900 Penang
Malaysia

Date of Calibration: 02-SEP-2020
Temperature: (23 ± 3)°C
Procedure: MTA-T0264

Received Date: 02-SEP-2020
Humidity: (20 to 70) % RH

This certifies that the equipment has been calibrated using applicable Keysight Technologies procedures in compliance with a quality management system registered to ISO 9001:2015.

As Received Conditions: Initial testing found the equipment to be IN SPECIFICATION at the points tested.

Action Taken: No corrective actions were necessary.

As Shipped Conditions: At the completion of calibration, measured values were IN SPECIFICATION at the parameters tested.

Remarks or special requirements:

Notes:

1. This calibration report may refer to equipment manufactured by HP, Agilent and Keysight as being manufactured by Keysight Technologies, Inc.
2. The test limits stated in the calibration report correspond to the published specifications of the equipment, at the points tested.
3. The documented test results relate to the equipment tested only.
4. This calibration report shall not be reproduced, except in full.

Traceability Information: Measurements are traceable to the International System of Units (SI) via national metrology institutes (www.keysight.com/find/NMI) that are signatories to the CIPM Mutual Recognition Arrangement.

Keysight Provider #71456				
	SO	MM	YY	BY
CAL	02	09	20	NF
DUE				

3. 110 - 170 GHz VDI WR6.5SAX



Virginia Diodes, Inc
979 2nd St. SE
Suite 309
Charlottesville, VA 22902
Phone: 434-297-3257
Fax: 434-297-3258

Certificate of Conformance

To: UL LLC
47173 Benicia Street
Fremont, CA 94538
United States

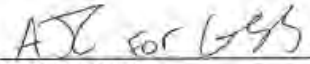
From: Virginia Diodes, Inc
979 2nd St. SE
Suite 309
Charlottesville, VA 22902

Packing List No: 211178
Shipping Date: 04/06/21

Today's Date: 04/06/21
PO Number: 7862019330

Quantity	Shipped	Unit	Description	Order-Job Number
1		EA	UPGRADE-WR6.5SAX TO WR6.5SAX-F WR6.5SAX-F / SN: SAX 624	21064B-01

The VDI product(s) in this shipment meet(s) the guidelines for performance specifications established in accordance with the corresponding Purchase Order. Data presented in the User Guide, where applicable, has been obtained in accordance with VDI's Quality Management System. All instruments, used to obtain data, which require calibration have been calibrated with equipment traceable to the National Institute of Standards and Technology (NIST) and through NIST to the International System of Units (SI).


Authorized Signature
Virginia Diodes, Inc

Page 1 of 1

4. 170 - 260 GHz VDI WR4.3SAX



Virginia Diodes, Inc
979 2nd St. SE
Suite 309
Charlottesville, VA 22902
Phone: 434-297-3257
Fax: 434-297-3258

Certificate of Conformance

To: UL LLC
47173 Benicia Street
Fremont, CA 94538
United States

From: Virginia Diodes, Inc.
979 2nd St. SE
Suite 309
Charlottesville, VA 22902

Packing List No: 211687
Shipping Date: 05/18/21

Today's Date: 05/18/21
PO Number: 7862019330

Quantity				<u>Order/Job</u>
<u>Shipped</u>	<u>Unit</u>	<u>Description</u>		<u>Number</u>
1	EA	UPGRADE-WR4.3SAX TO WR4.3SAX-F SAX 651		21064C-01

The VDI product(s) in this shipment meet(s) the guidelines for performance specifications established in accordance with the corresponding Purchase Order. Data presented in the User Guide, where applicable, has been obtained in accordance with VDI's Quality Management System. All instruments, used to obtain data, which require calibration have been calibrated with equipment traceable to the National Institute of Standards and Technology (NIST) and through NIST to the International System of Units (SI).

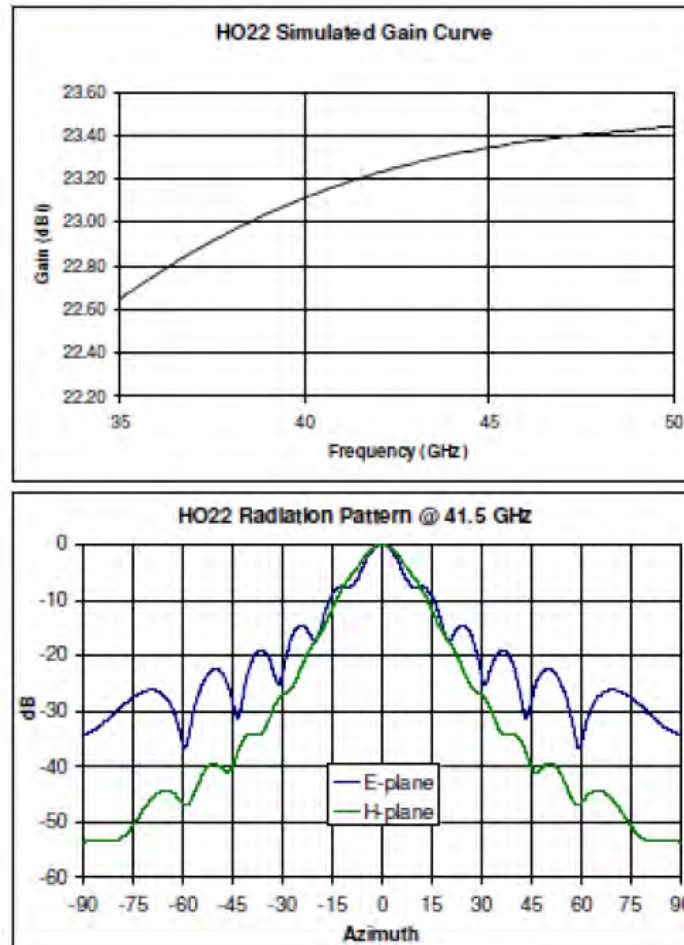

Authorized Signature
Virginia Diodes, Inc.

Page 1 of 1

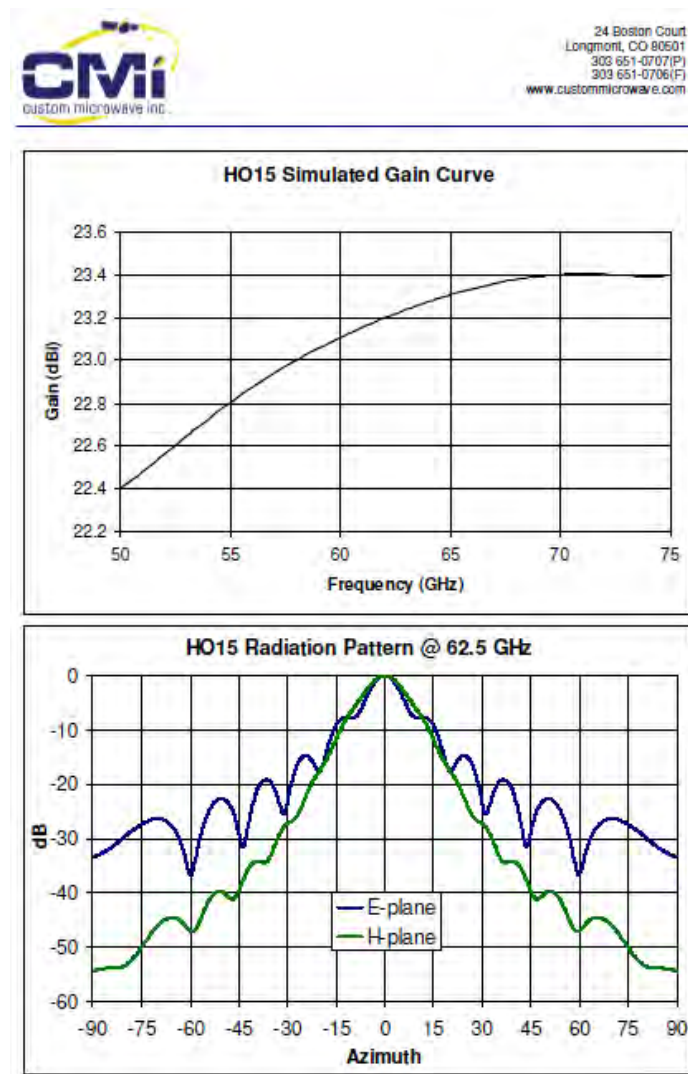
5. 35 - 50 GHz CMI HO22R HORN ANTENNA



24 Boston Court
Longmont, CO 80501
303 651-0707(F)
303 651-0706(F)
www.custommicrowave.com



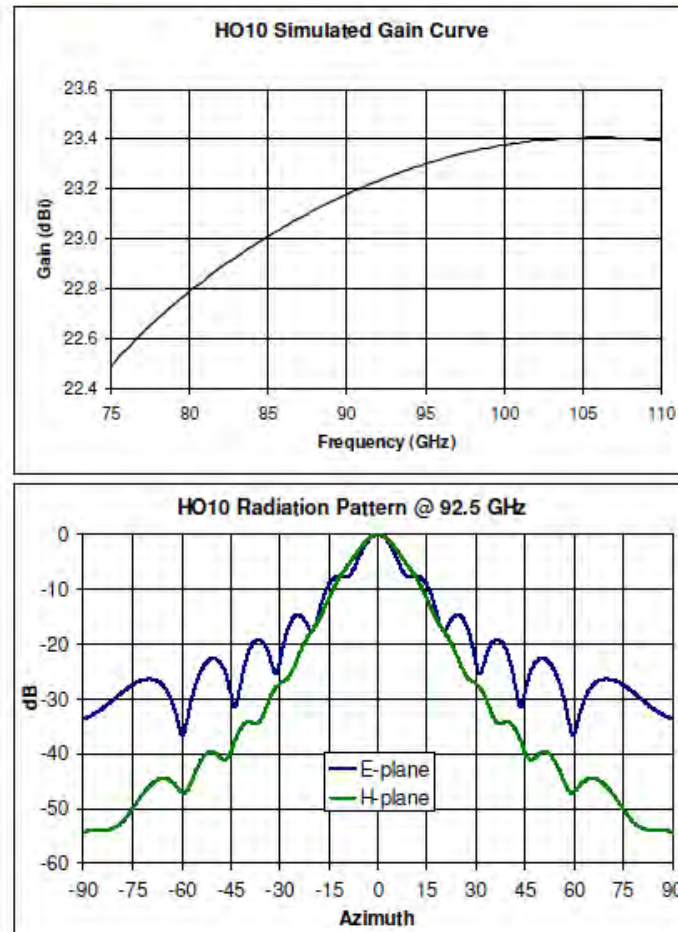
6. 50 - 75 GHz CMI HO15R HORN ANTENNA



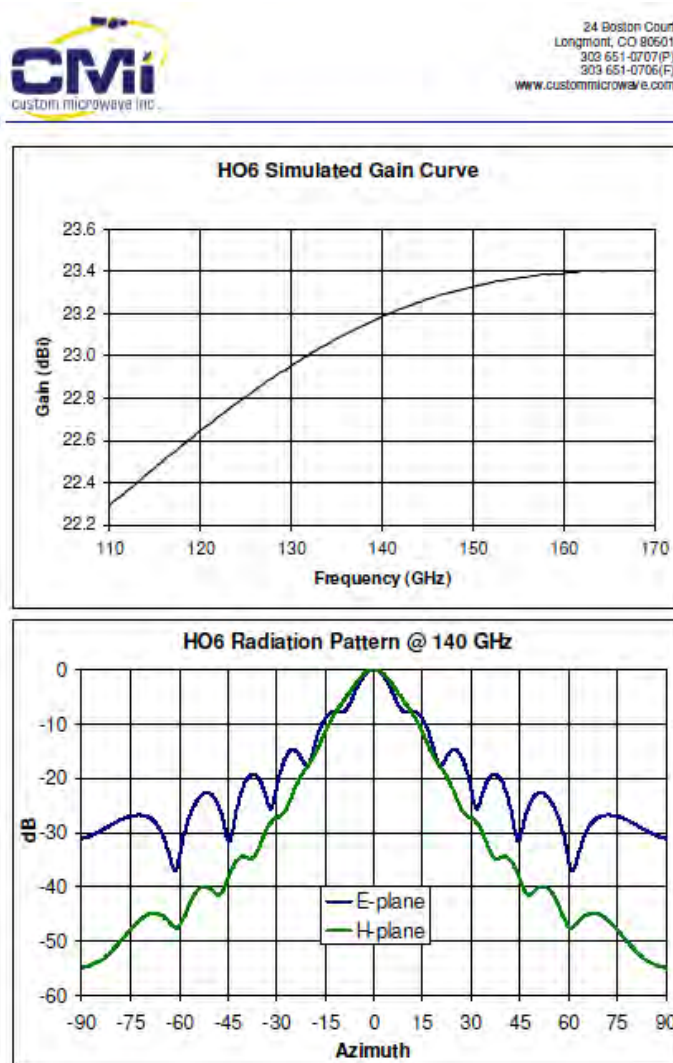
7. 75 - 110 GHz CMI HO10R HORN ANTENNA



24 Boston Court
Longmont, CO 80501
303 661-3707(P)
303 661-3706(F)
www.custommicrowave.com



8. 110 - 170 GHz CMI HO6R HORN ANTENNA



9. 170 - 260 GHz CMI HO4R HORN ANTENNA

