

2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	81.44	76.925	5.51	8.49
High	5610	81.44	76.806	5.51	8.49

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	8.51	11.00	8.51
High	5610	24.00	24.00	30.00	24.00	8.51	11.00	8.51

Duty Cycle CF (dB)	3.25	Included in Calculations of Corr'd PSD
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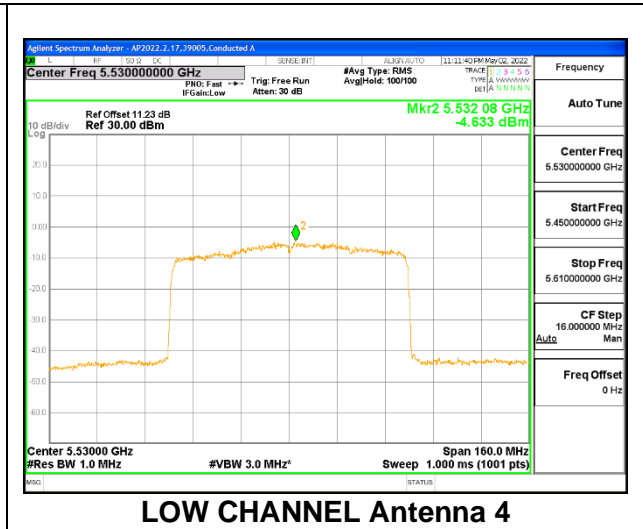
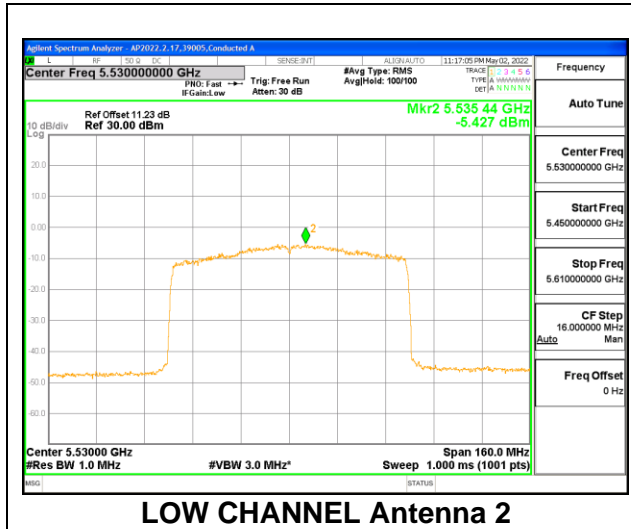
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.10	15.97	18.57	24.00	-5.43
High	5610	16.01	15.95	18.99	24.00	-5.01

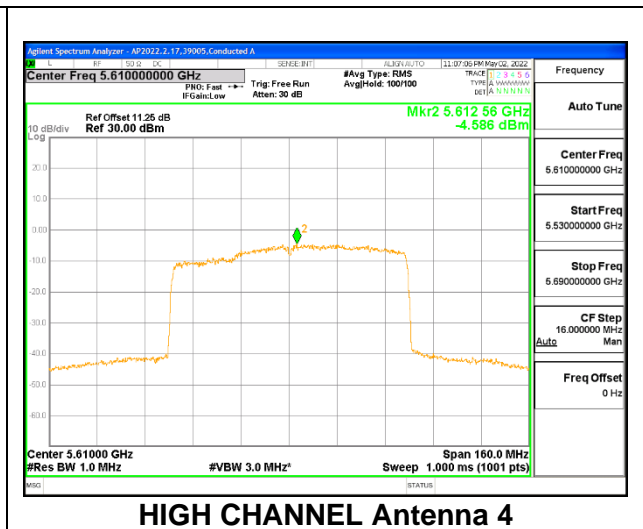
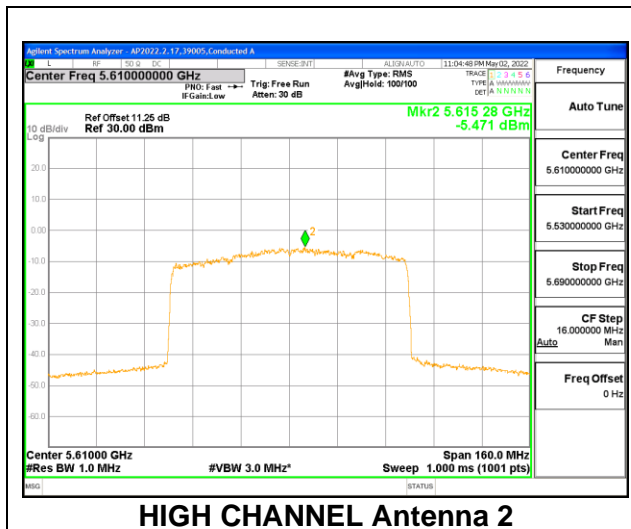
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Antenna 4 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-5.427	-4.633	1.248	8.51	-7.26
High	5610	-5.471	-4.586	1.254	8.51	-7.26

LOW CHANNEL



HIGH CHANNEL



2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	8.51	11.00	8.51
High	5610	24.00	24.00	30.00	24.00	8.51	11.00	8.51

Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.06	16.21	18.68	24.00	-5.32
High	5610	15.20	16.07	18.67	24.00	-5.33

9.5.13. 802.11ax HE20 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/500KHz)
Low	5745	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	2.02	Included in Calculations of Corr'd PSD
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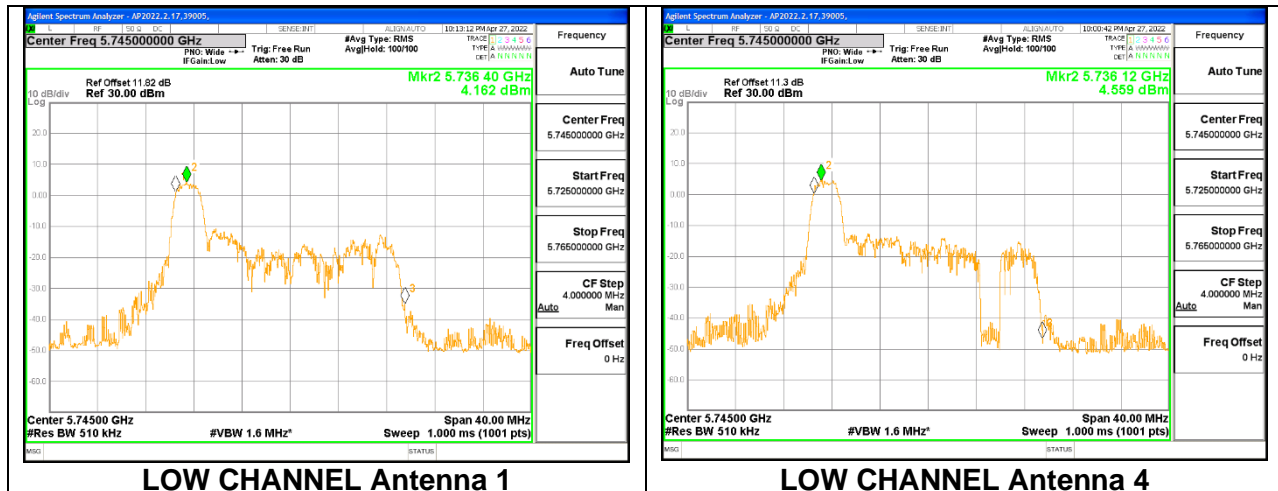
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	12.14	12.35	15.26	30.00	-14.74

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	4.162	4.559	9.395	27.73	-18.33

LOW CHANNEL



2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 4

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/500KHz)
Mid	5785	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	2.02	Included in Calculations of Corr'd PSD
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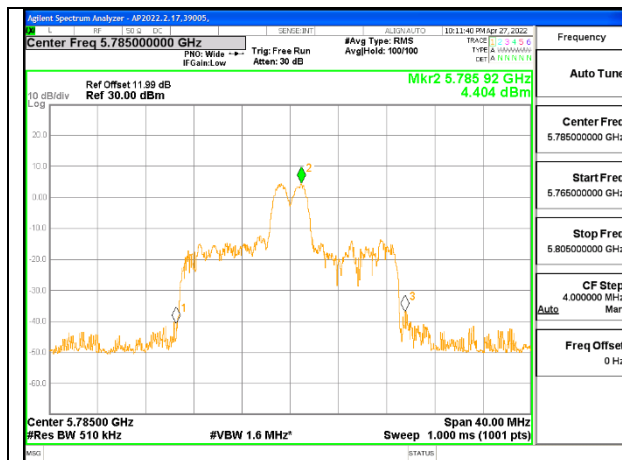
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5785	12.28	12.24	15.27	30.00	-14.73

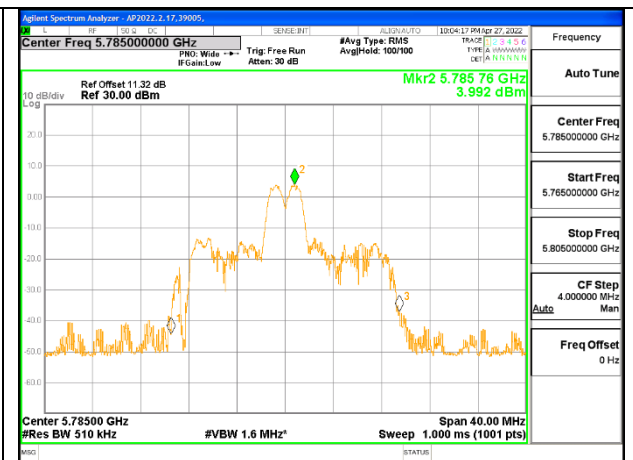
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
High	5825	4.404	3.992	9.233	27.73	-18.50

MID CHANNEL



MID CHANNEL Antenna 1



MID CHANNEL Antenna 4

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
High	5825	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	2.02	Included in Calculations of Corr'd PSD
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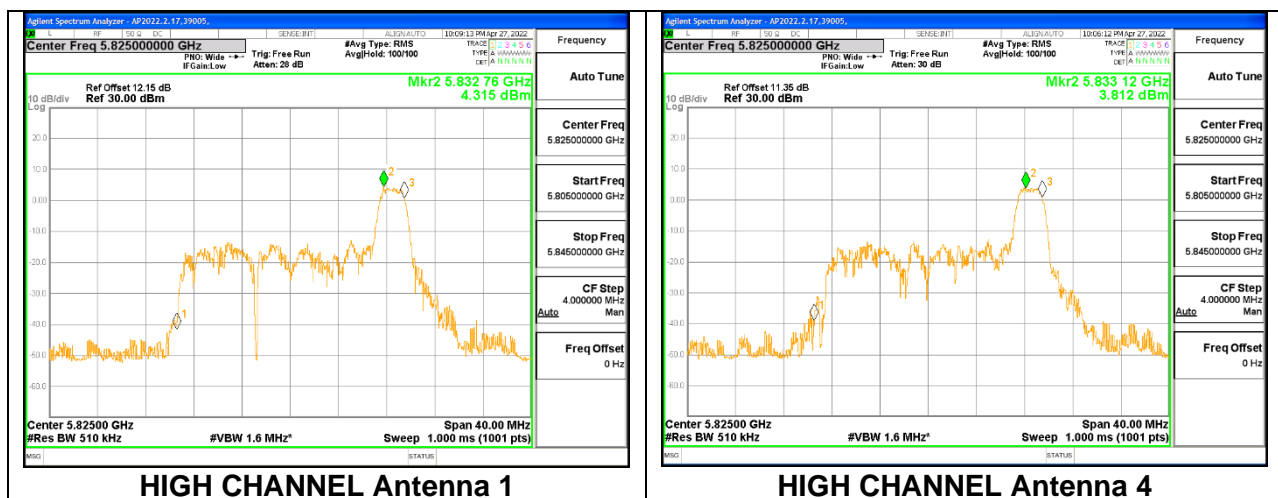
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5825	12.35	12.30	15.34	30.00	-14.66

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 500KHz)	Antenna 4 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
High	5825	4.315	3.812	9.101	27.73	-18.63

HIGH CHANNEL



2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	5.27	8.27	30.00	27.73
Mid	5785	5.27	8.27	30.00	27.73
High	5825	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	2.91	Included in Calculations of Corr'd PSD
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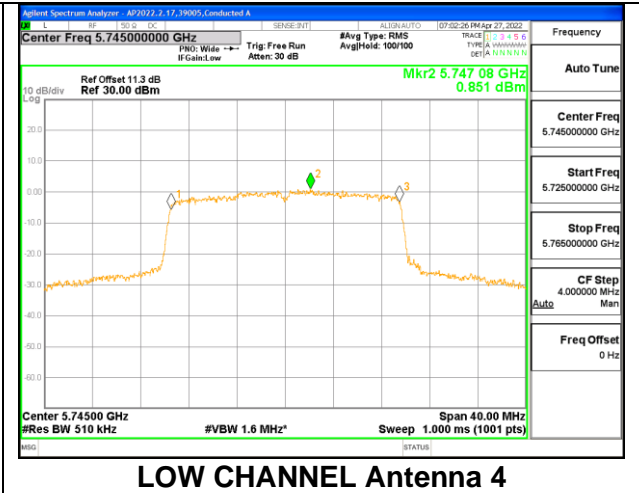
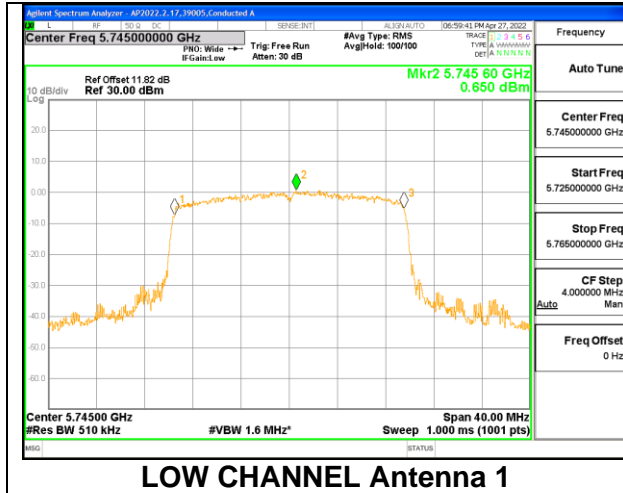
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	17.64	17.70	20.68	30.00	-9.32
Mid	5785	17.71	17.40	20.57	30.00	-9.43
High	5825	17.31	17.11	20.22	30.00	-9.78

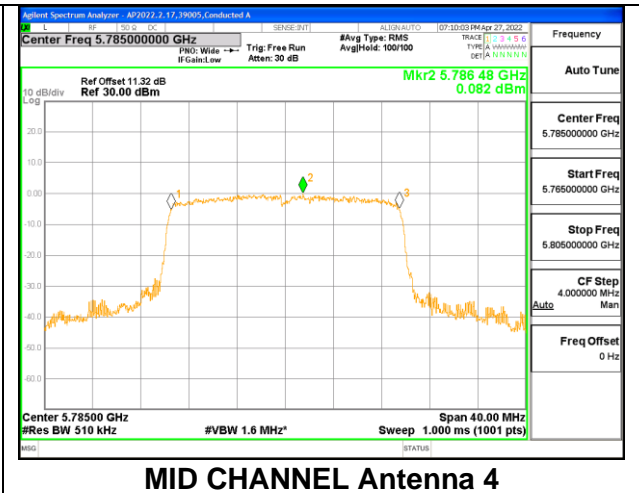
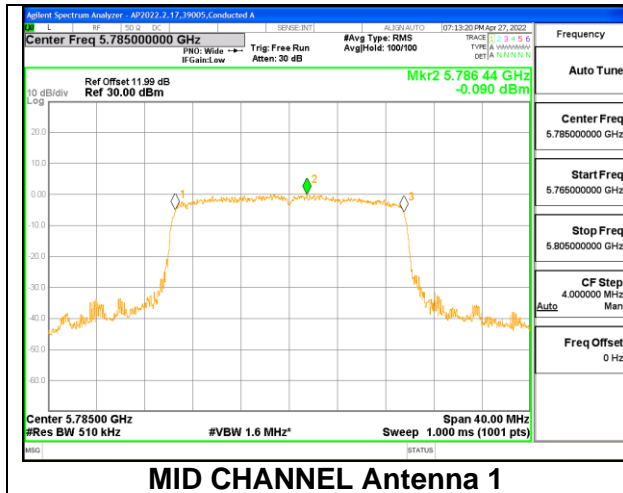
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 500KHz)	Antenna 4 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	0.650	0.851	6.672	27.73	-21.06
Mid	5785	-0.090	0.082	5.917	27.73	-21.81
High	5825	0.516	0.165	6.264	27.73	-21.47

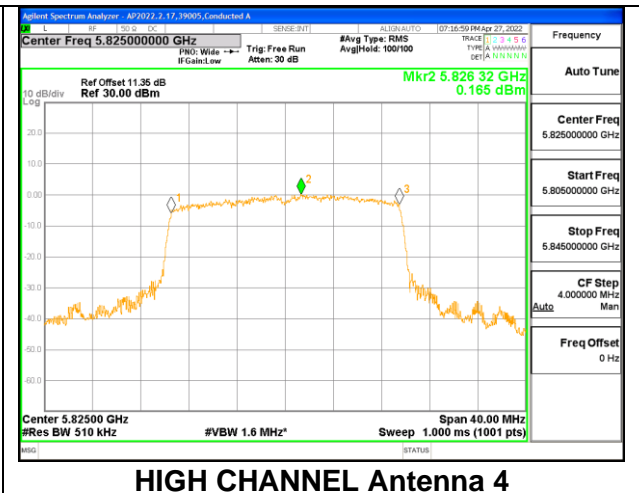
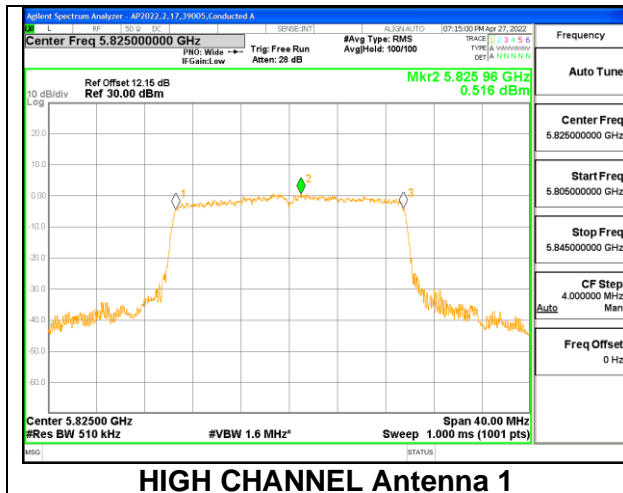
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	5.27	8.27	30.00	27.73
Mid	5785	5.27	8.27	30.00	27.73
High	5825	5.27	8.27	30.00	27.73

Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	17.50	17.07	20.30	30.00	-9.70
Mid	5785	17.49	17.40	20.46	30.00	-9.54
High	5825	17.38	17.20	20.30	30.00	-9.70

9.5.14. 802.11ax HE40 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/500KHz)
Low	5755	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	2.00	Included in Calculations of Corr'd PSD
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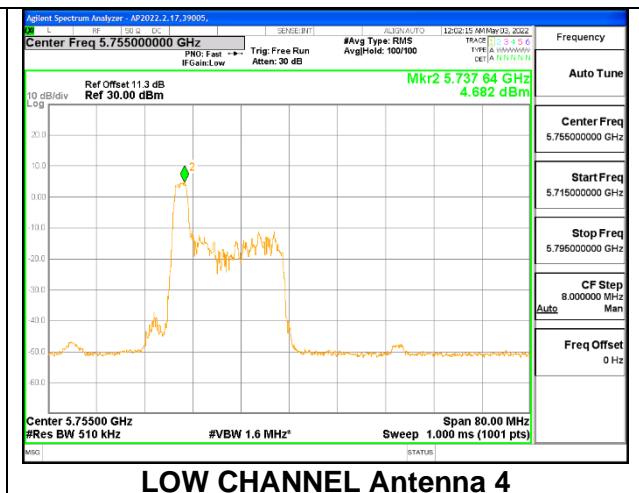
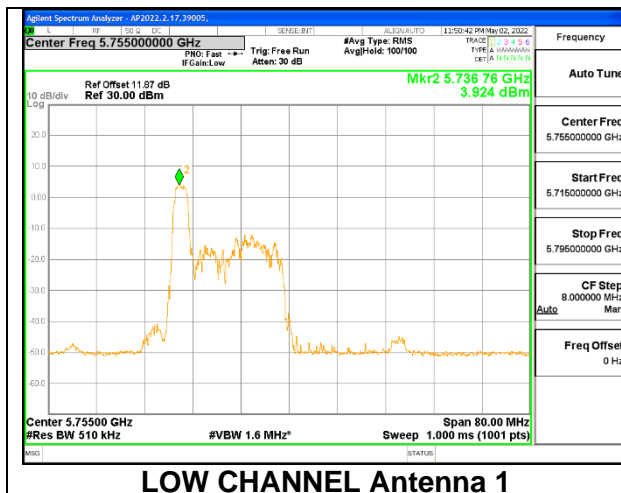
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	12.64	13.21	15.94	30.00	-14.06

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	3.924	4.682	9.330	27.73	-18.40

LOW CHANNEL



2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 17

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/500KHz)
High	5795	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	2.00	Included in Calculations of Corr'd PSD
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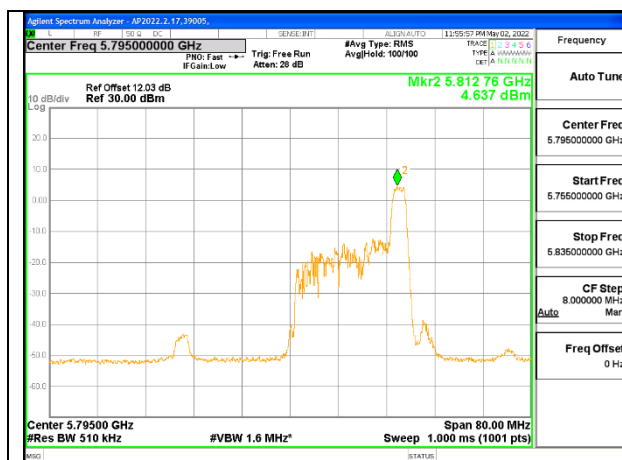
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5795	13.03	13.85	16.47	30.00	-13.53

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
High	5795	4.637	4.939	9.801	27.73	-17.93

HIGH CHANNEL



HIGH CHANNEL Antenna 1



HIGH CHANNEL Antenna 4

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	5.27	8.27	30.00	27.73
High	5795	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	2.94	Included in Calculations of Corr'd PSD
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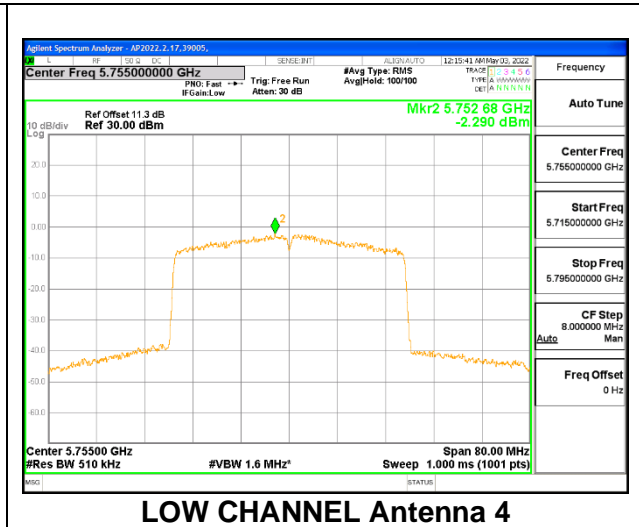
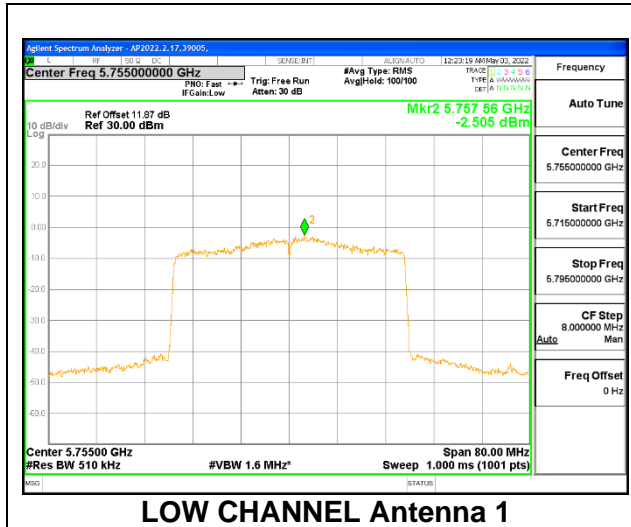
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	16.02	16.39	19.22	30.00	-10.78
High	5795	15.68	16.30	19.01	30.00	-10.99

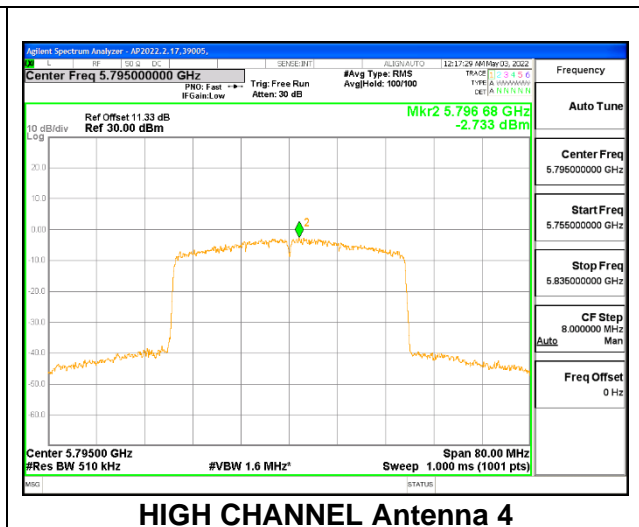
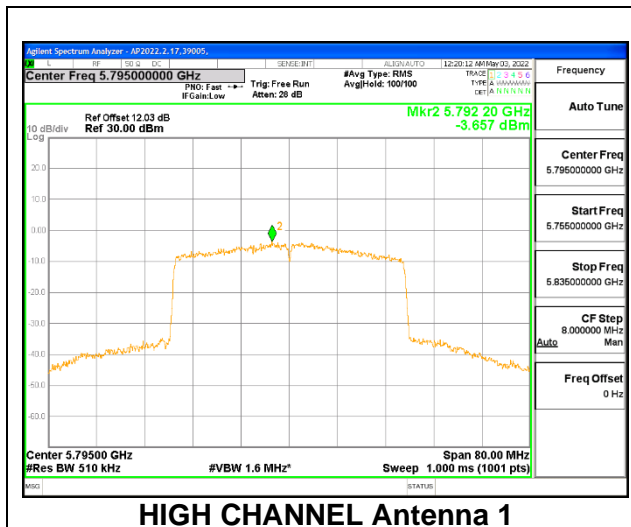
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 500KHz)	Antenna 4 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	-2.505	-2.290	3.554	27.73	-24.18
High	5795	-3.657	-2.733	2.780	27.73	-24.95

LOW CHANNEL



HIGH CHANNEL



2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	5.27	8.27	30.00	27.73
High	5795	5.27	8.27	30.00	27.73

Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	16.54	16.00	19.29	30.00	-10.71
High	5795	15.87	16.50	19.21	30.00	-10.79

9.5.15. 802.11ax HE80 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/500KHz)
Mid	5755	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	1.97	Included in Calculations of Corr'd PSD
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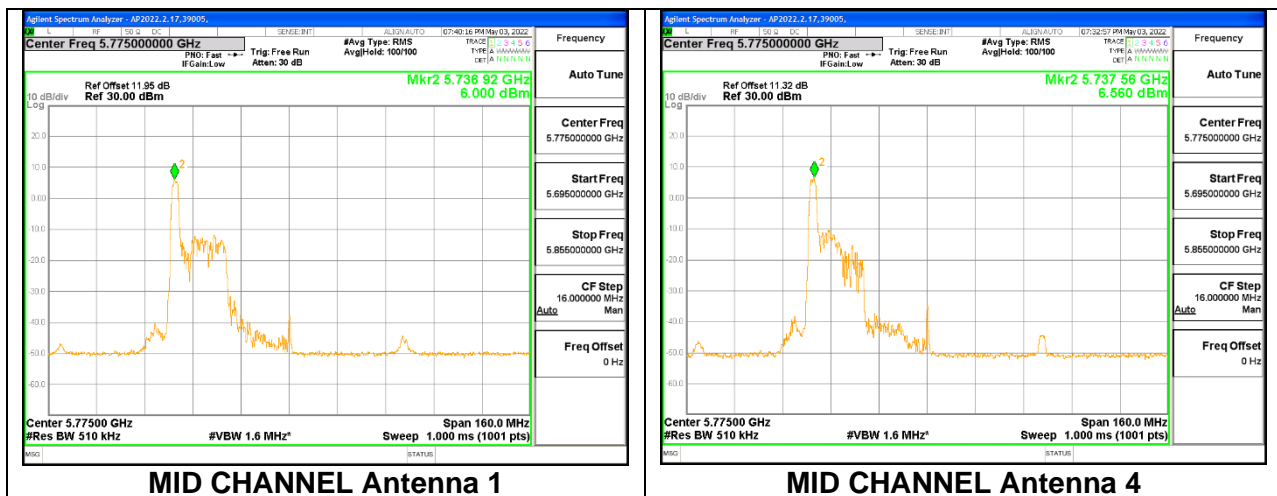
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	13.62	14.14	16.90	30.00	-13.10

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5755	6.000	6.560	11.269	27.73	-16.46

MID CHANNEL



2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 18

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/500KHz)
Mid	5755	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	1.97	Included in Calculations of Corr'd PSD
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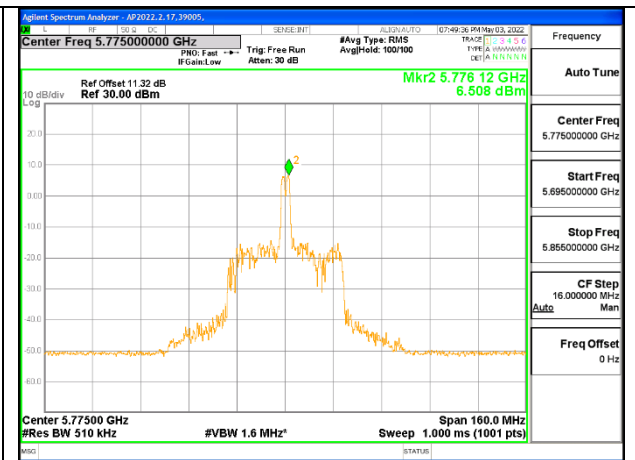
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	13.70	14.05	16.89	30.00	-13.11

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5755	5.962	6.508	11.224	27.73	-16.51

MID CHANNEL



2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 36

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/500KHz)
Mid	5755	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	1.97	Included in Calculations of Corr'd PSD
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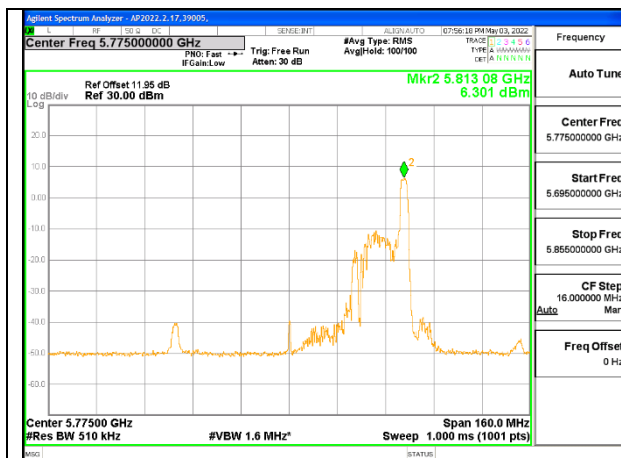
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	13.90	14.15	17.04	30.00	-12.96

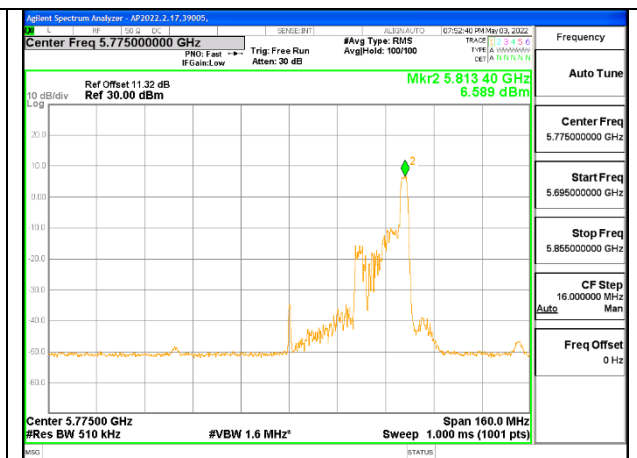
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5755	6.301	6.665	11.467	27.73	-16.26

MID CHANNEL



MID CHANNEL Antenna 1



MID CHANNEL Antenna 4

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/500KHz)
Mid	5755	5.27	8.27	30.00	27.73

Duty Cycle CF (dB)	3.25	Included in Calculations of Corr'd PSD
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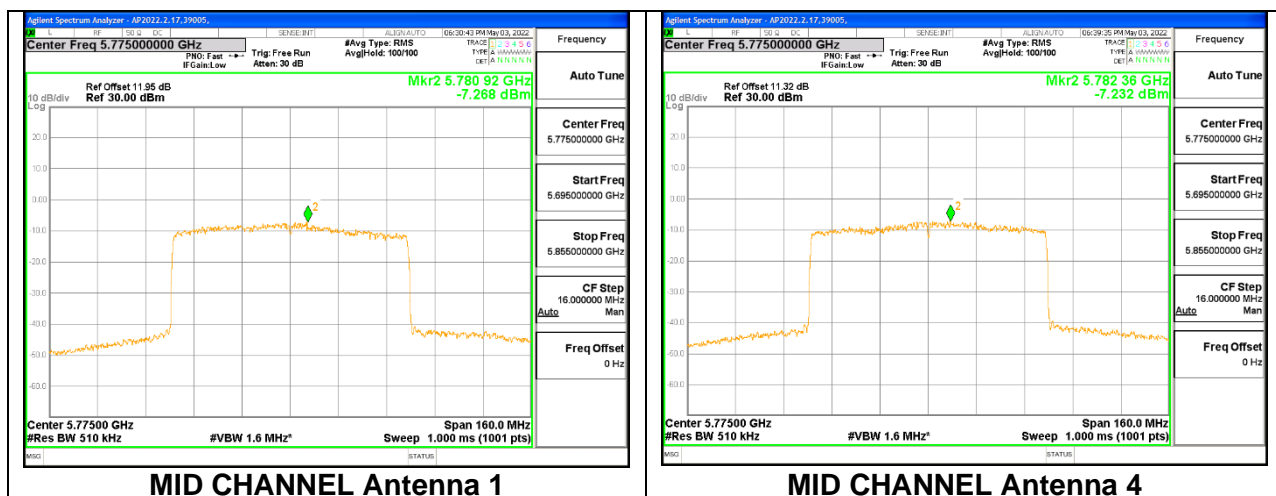
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	16.50	16.83	19.68	30.00	-10.32

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5755	-7.268	-7.232	-0.990	27.73	-28.72

MID CHANNEL



2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	4/25/2022 to 5/6/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5755	5.27	8.27	30.00	27.73

Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	16.52	16.70	19.62	30.00	-10.38

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands

FCC §15.407(b)(1-3) -Un-Restricted bands

After January 01, 2019 for Outside of the Restricted Bands Emissions

RSS 247 Issue 2 Sections

6.2.1.2 (for 5150-5250 MHz band)

6.2.2.2 (for 5250-5350 MHz band)

6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)

6.2.4.2 (for 5725-5850 MHz band)

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement beLOW CHANNEL 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements beLOW CHANNEL 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with HIGH CHANNELest output power as worst-case scenario. 1GHz to 18GHz was set to the LOW CHANNELest, MID CHANNELdle, and HIGH CHANNELest channels in the 5 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned

from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

NOTE: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

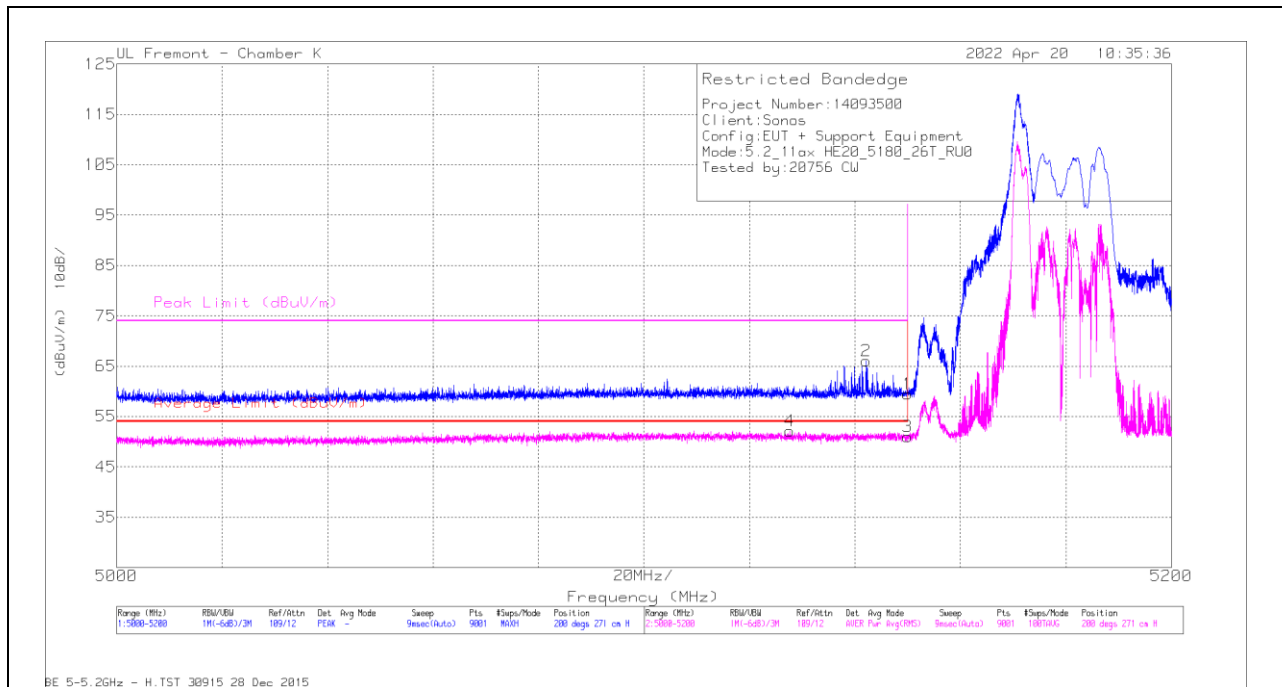
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.2GHz BAND

2TX Antenna 2 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

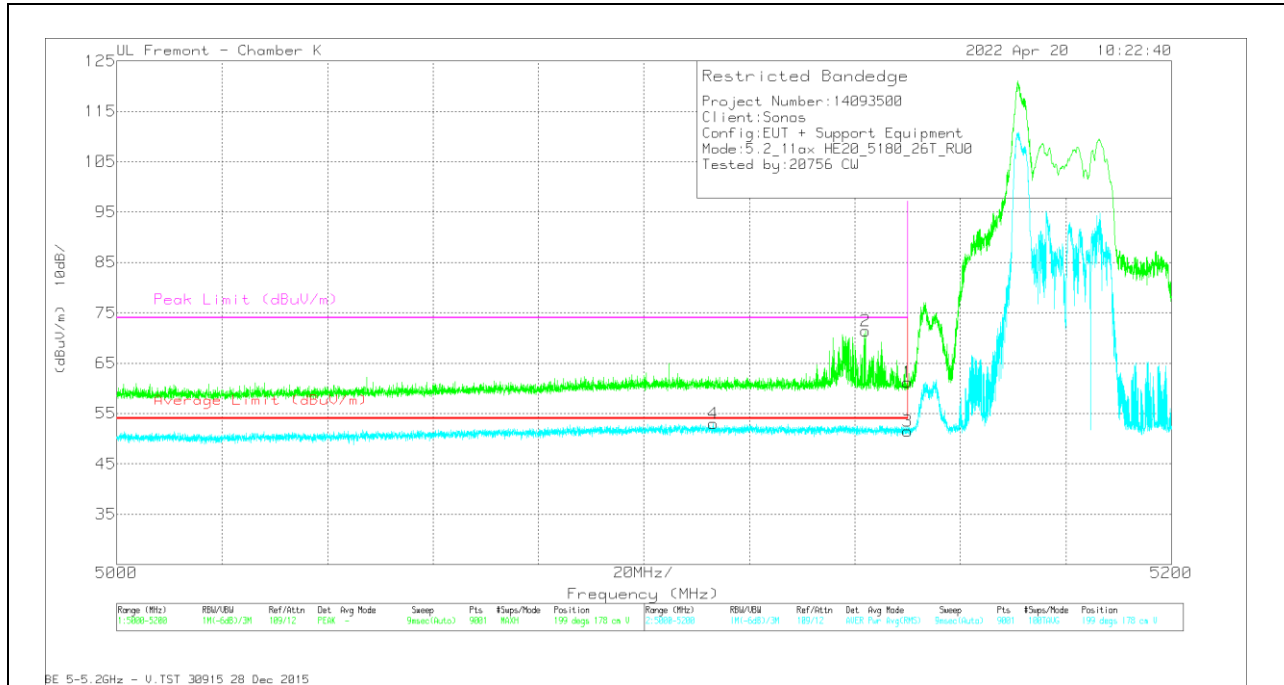
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	32.3	Pk	34.4	-7.2	0	59.5	-	-	74	-14.5	200	271	H
2	* 5142.087	38.88	Pk	34.4	-7.2	0	66.08	-	-	74	-7.92	200	271	H
3	* 5150	21.84	RMS	34.4	-7.2	2.02	51.06	54	-2.94	-	-	200	271	H
4	* 5127.621	23.01	RMS	34.3	-7.2	2.02	52.13	54	-1.87	-	-	200	271	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	34.06	Pk	34.4	-7.2	0	61.26	-	-	74	-12.74	199	178	V
2	* 5141.976	44.16	Pk	34.4	-7.2	0	71.36	-	-	74	-2.64	199	178	V
3	* 5150	22.26	RMS	34.4	-7.2	2.02	51.48	54	-2.52	-	-	199	178	V
4	* 5113.088	23.95	RMS	34.3	-7.3	2.02	52.97	54	-1.03	-	-	199	178	V

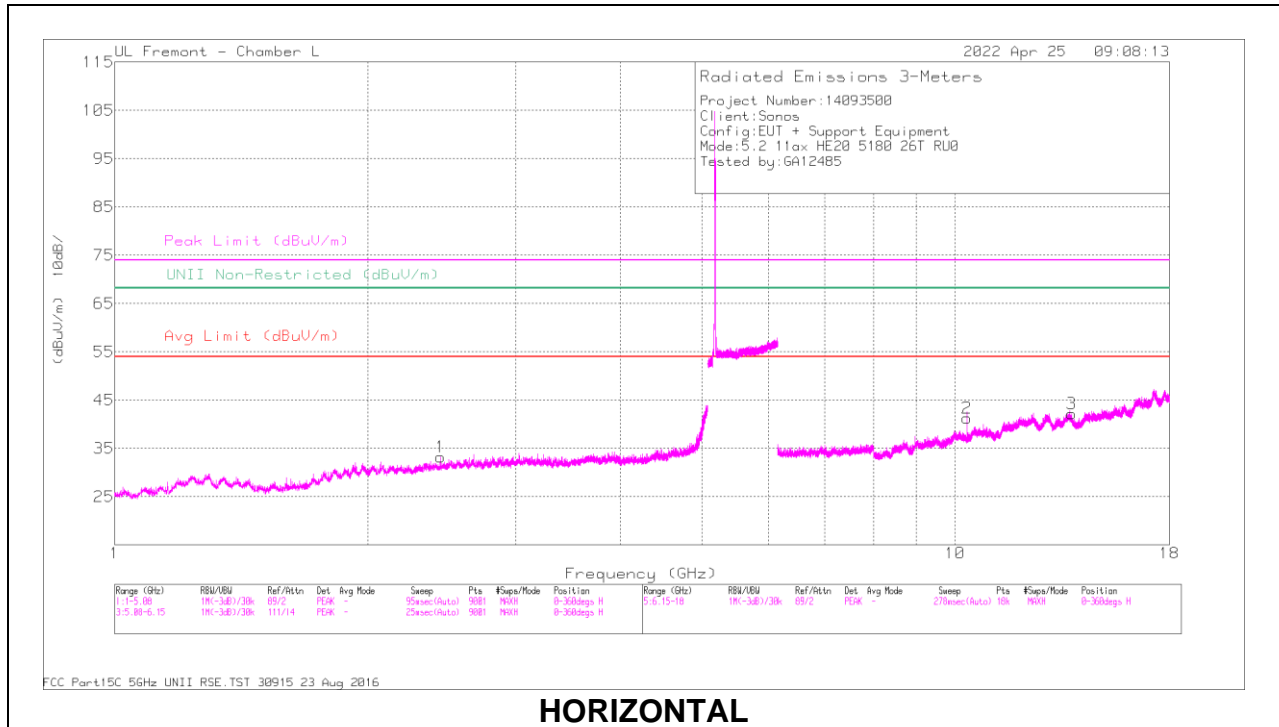
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

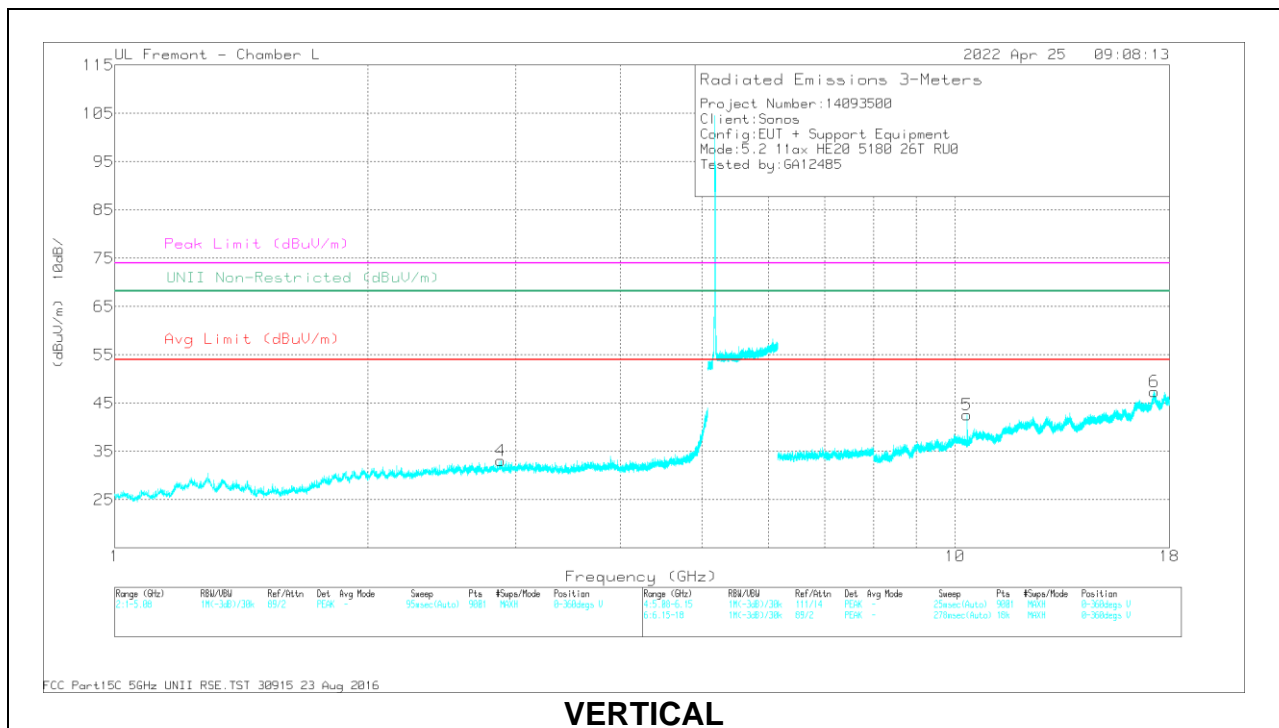
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.44159	39.62	PK-U	31.9	-30.6	0	40.92	-	-	-	-	68.2	-27.28	33	108	H
4	* 2.877029	39.34	PK-U	32.8	-29.2	0	42.94	-	-	74	-31.06	-	-	336	120	V
	* 2.877607	27.3	ADR	32.8	-29.3	2.02	32.82	54	-21.18	-	-	-	-	336	120	V
2	10.343092	40.28	PK-U	37.4	-19.2	0	58.48	-	-	-	-	68.2	-9.72	295	101	H
3	13.76026	30.42	PK-U	38.6	-17.6	0	51.42	-	-	-	-	68.2	-16.78	258	110	H
5	10.342123	40.09	PK-U	37.4	-19.2	0	58.29	-	-	-	-	68.2	-9.91	271	101	V
6	17.262281	31.41	PK-U	40.9	-16	0	56.31	-	-	-	-	68.2	-11.89	356	113	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

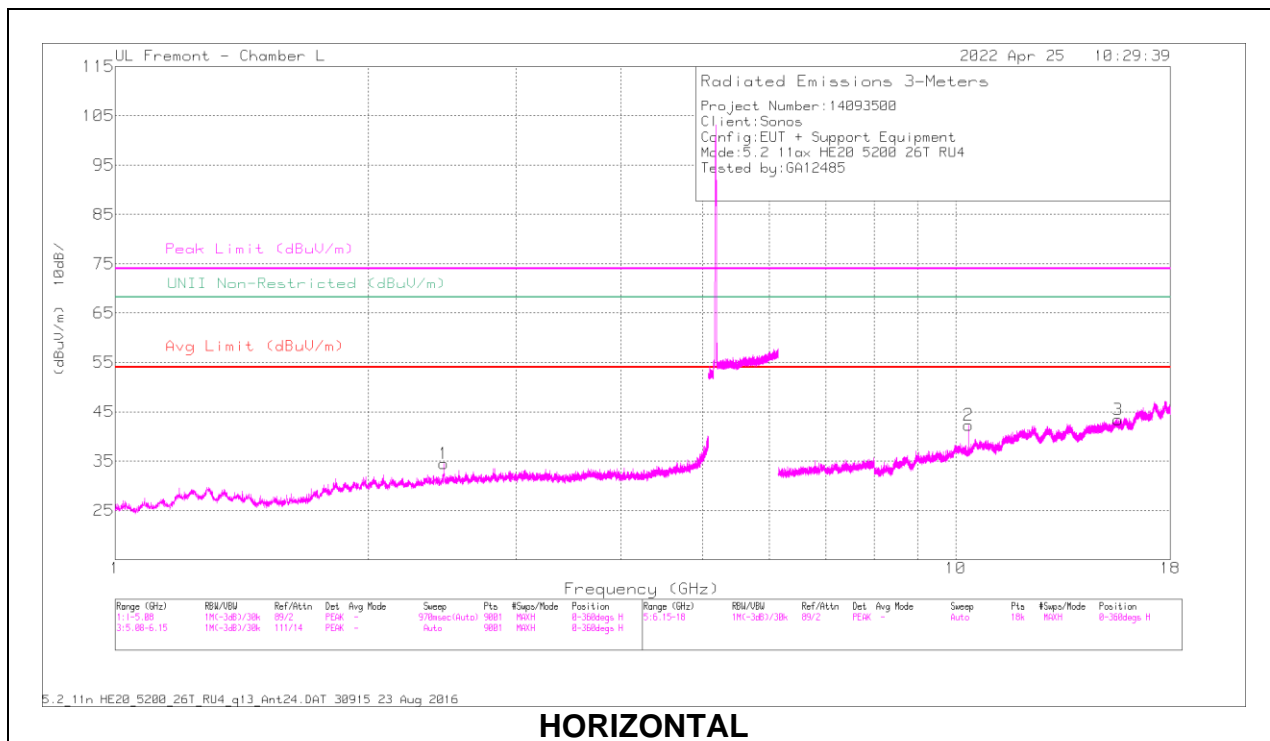
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

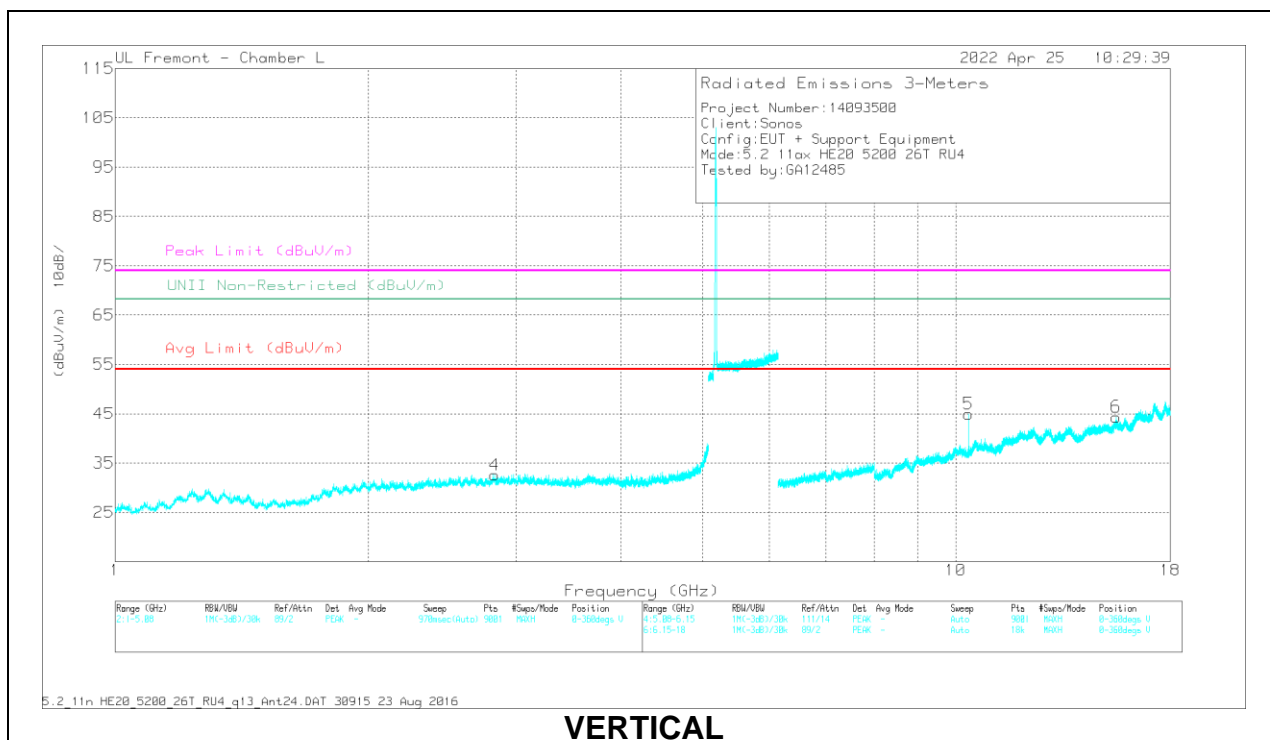
2TX Antenna 2 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 4

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.459411	40.36	PK-U	32.1	-30.6	0	41.86	-	-	-	-	68.2	-26.34	130	119	H
4	* 2.827326	39.49	PK-U	32.6	-29.1	0	42.99	-	-	74	-31.01	-	-	40	105	V
	* 2.827572	27.33	ADR	32.6	-29.1	2.02	32.85	54	-21.15	-	-	-	-	40	105	V
2	10.359614	39.88	PK-U	37.4	-19.4	0	57.88	-	-	-	-	68.2	-10.32	98	184	H
3	* 15.59715	29.43	PK-U	40.4	-18.1	0	51.73	-	-	74	-22.27	-	-	35	158	H
	* 15.596719	18.12	ADR	40.4	-18.1	2.02	42.44	54	-11.56	-	-	-	-	35	158	H
4	10.359669	41.91	PK-U	37.4	-19.4	0	59.91	-	-	-	-	68.2	-8.29	276	205	V
5	* 15.529235	30.1	PK-U	40.4	-17.7	0	52.8	-	-	74	-21.2	-	-	7	102	V
	* 15.528676	18.26	ADR	40.4	-17.7	2.02	42.98	54	-11.02	-	-	-	-	7	102	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

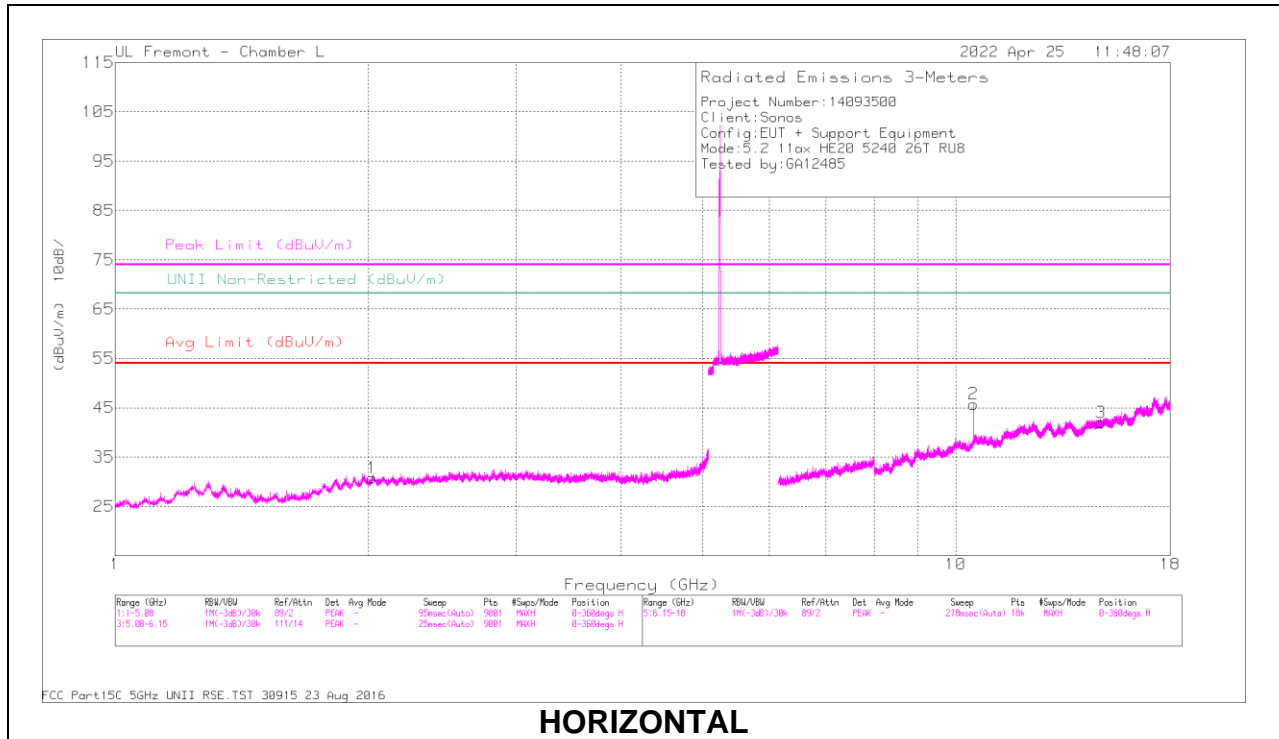
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

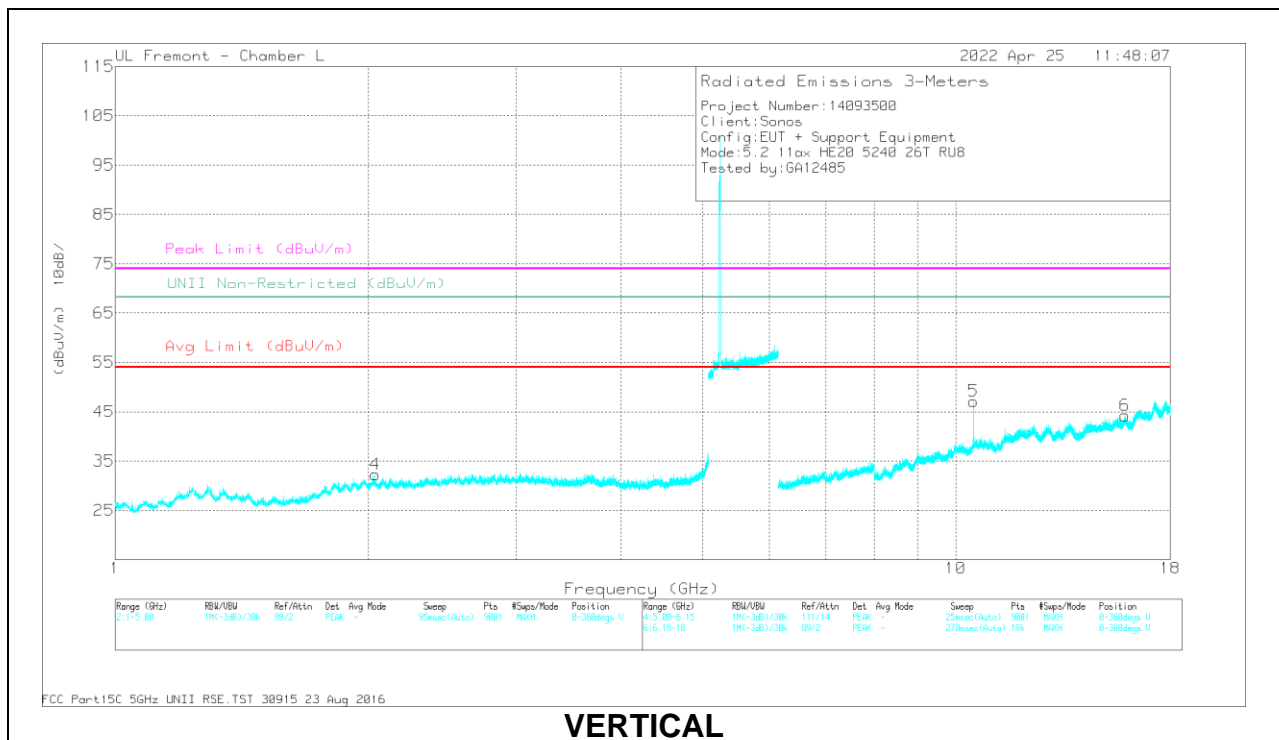
2TX Antenna 2 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.023581	40.83	PK-U	31.5	-30.8	0	41.53	-	-	-	-	68.2	-26.67	242	116	H
4	2.038421	41.02	PK-U	31.5	-30.9	0	41.62	-	-	-	-	68.2	-26.58	264	125	V
2	10.497678	41.02	PK-U	37.6	-18.9	0	59.72	-	-	-	-	68.2	-8.48	102	204	H
3	14.896891	29.64	PK-U	39.9	-18.2	0	51.34	-	-	-	-	68.2	-16.86	258	136	H
5	10.497115	44.89	PK-U	37.6	-18.9	0	63.59	-	-	-	-	68.2	-4.61	276	204	V
6	* 15.903341	30.84	PK-U	40.2	-18.1	0	52.94	-	-	74	-21.06	-	-	243	162	V
	* 15.904208	18.63	ADR	40.2	-18.1	2.02	42.75	54	-11.25	-	-	-	-	243	162	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

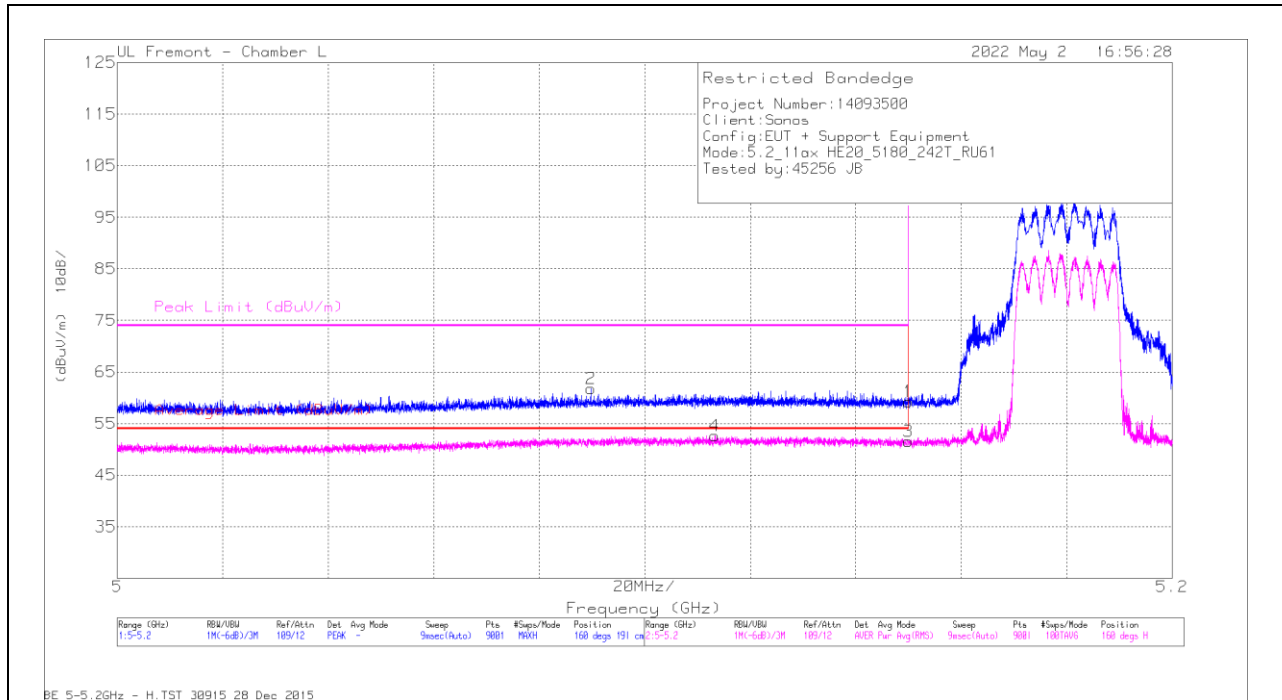
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 2 + Antenna 4 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

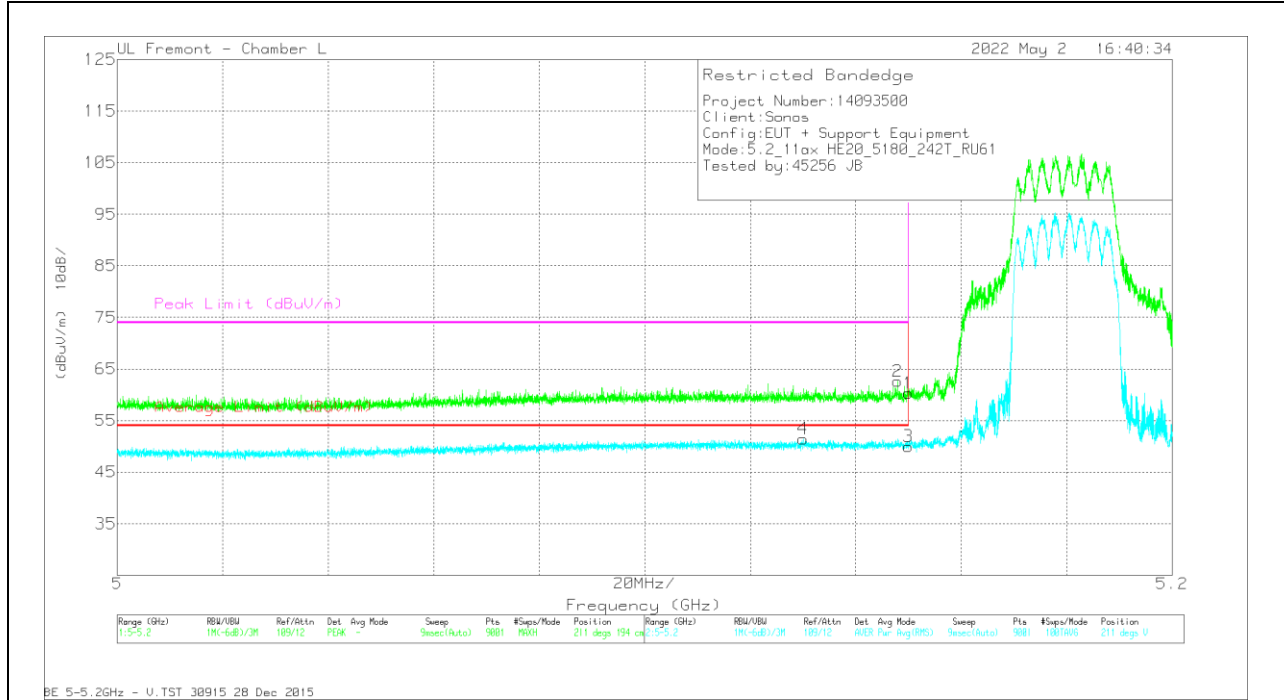
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	31.92	Pk	34.6	-7.3	0	59.22	-	-	74	-14.78	160	191	H
2	* 5.089821	34.84	Pk	34.5	-7.6	0	61.74	-	-	74	-12.26	160	191	H
3	* 5.15	21.3	RMS	34.6	-7.3	2.91	51.51	54	-2.49	-	-	160	191	H
4	* 5.11331	22.7	RMS	34.5	-7.5	2.91	52.61	54	-1.39	-	-	160	191	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	33	Pk	34.6	-7.3	0	60.3	-	-	74	-13.7	211	194	V
2	* 5.147932	35.3	Pk	34.6	-7.3	0	62.6	-	-	74	-11.4	211	194	V
3	* 5.15	19.76	RMS	34.6	-7.3	2.91	49.97	54	-4.03	-	-	211	194	V
4	* 5.129999	21.25	RMS	34.6	-7.3	2.91	51.46	54	-2.54	-	-	211	194	V

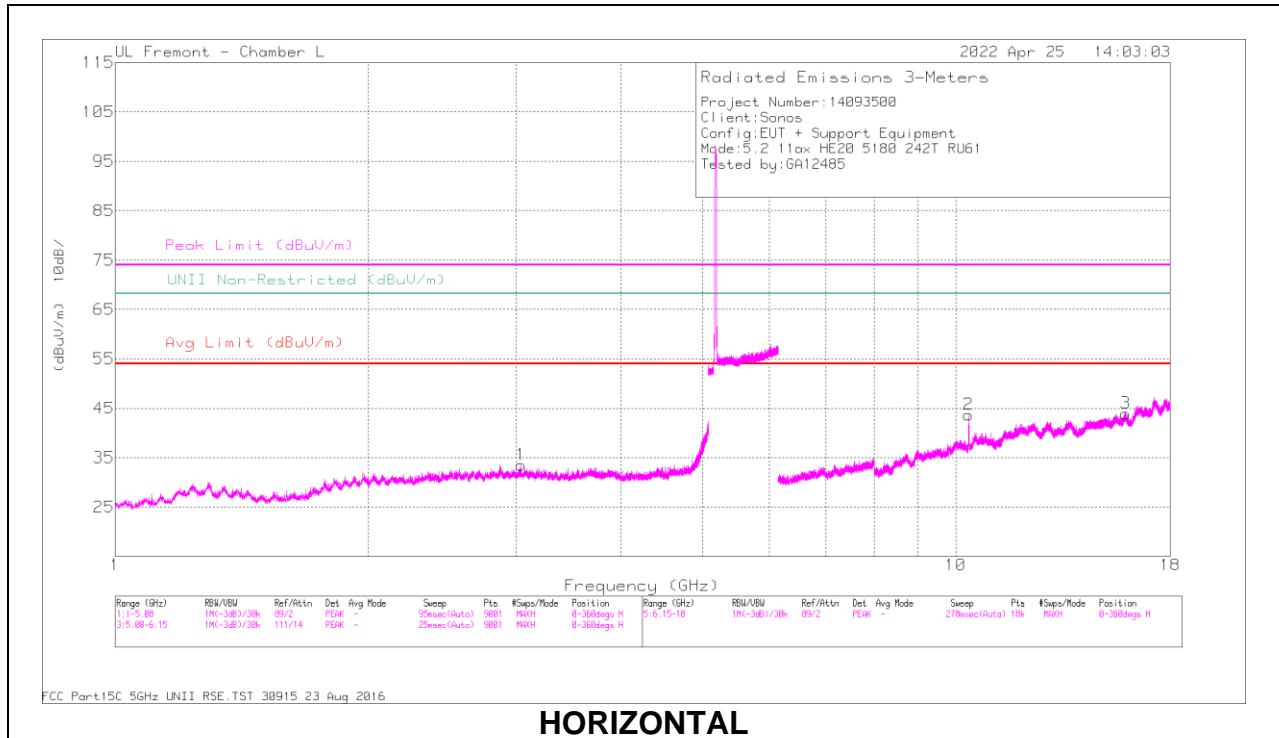
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

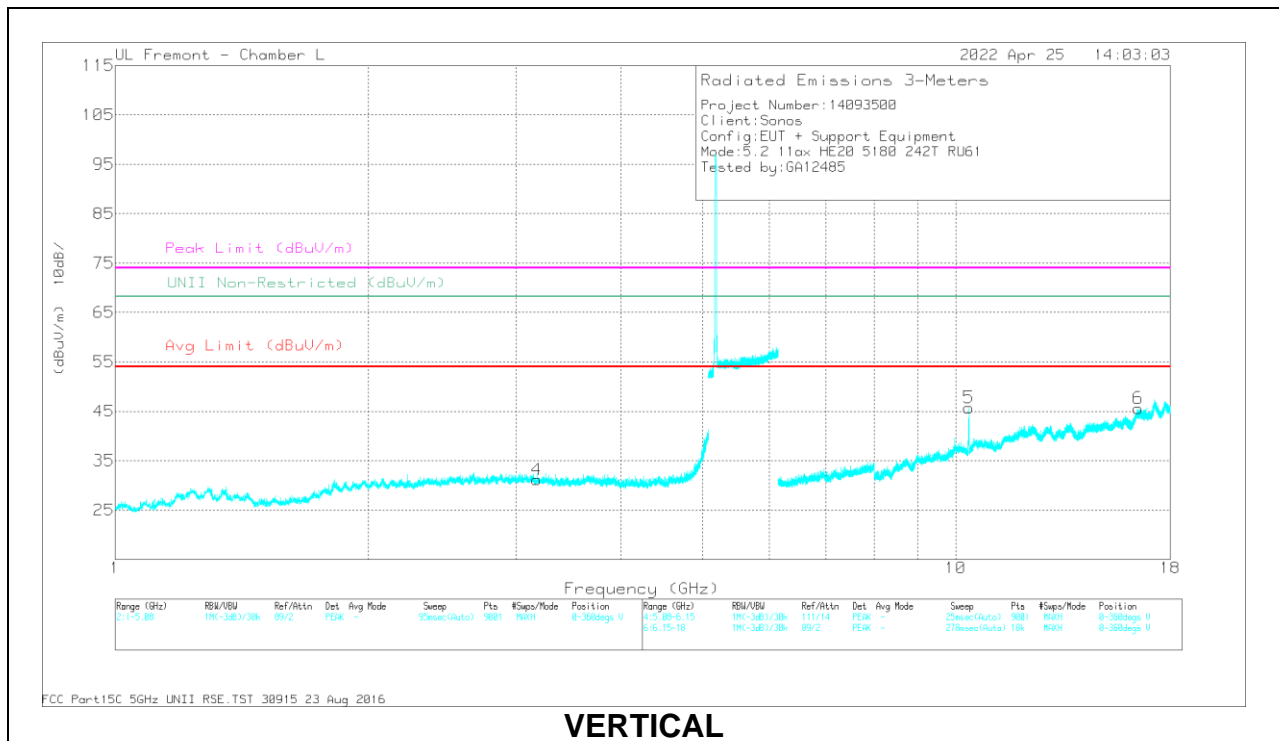
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

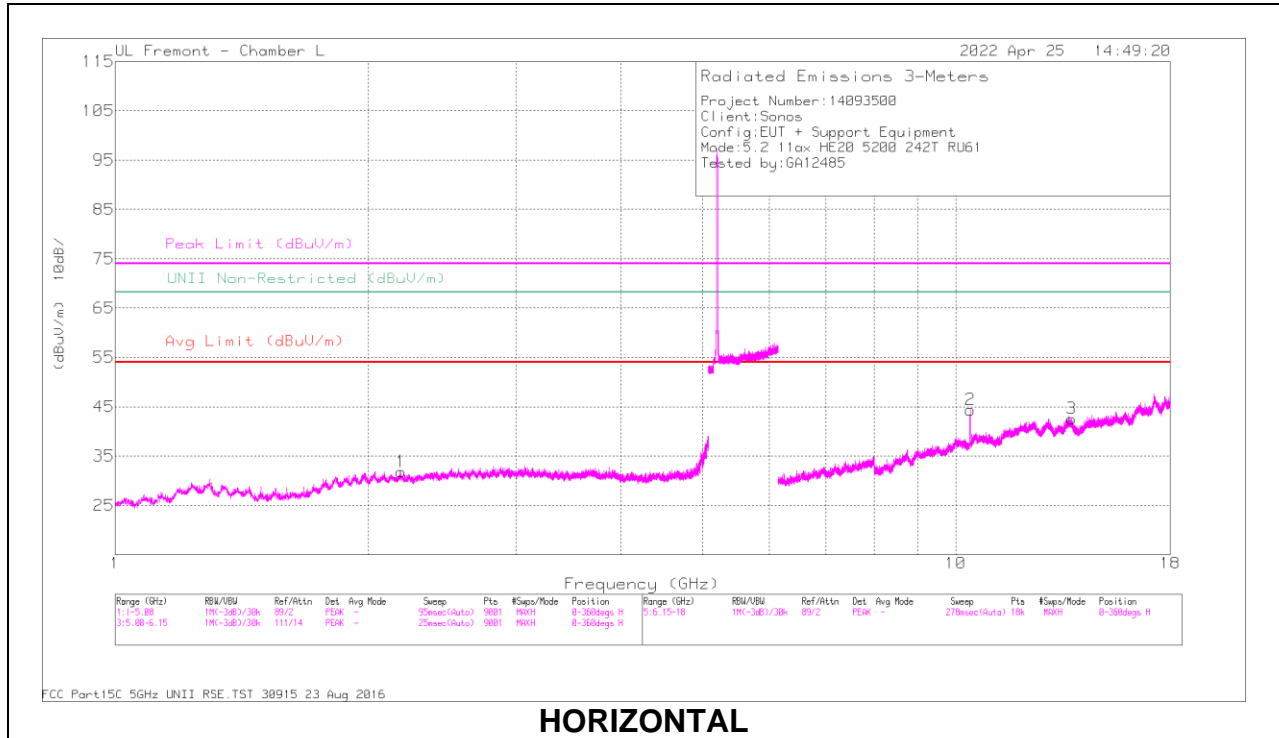
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.042002	39.19	PK-U	32.9	-29	0	43.09	-	-	-	-	68.2	-25.11	76	117	H
4	3.172182	38.46	PK-U	32.8	-28.9	0	42.36	-	-	-	-	68.2	-25.84	91	113	V
2	10.35708	35.72	PK-U	37.4	-19.4	0	53.72	-	-	-	-	68.2	-14.48	98	193	H
3	* 15.920725	30.23	PK-U	40.2	-18.1	0	52.33	-	-	74	-21.67	-	-	219	120	H
	* 15.921029	18.64	ADR	40.2	-18.1	2.91	43.65	54	-10.35	-	-	-	-	219	120	H
5	10.365463	35.18	PK-U	37.4	-19.3	0	53.28	-	-	-	-	68.2	-14.92	281	129	V
6	16.480221	31.16	PK-U	40.9	-17.5	0	54.56	-	-	-	-	68.2	-13.64	58	227	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

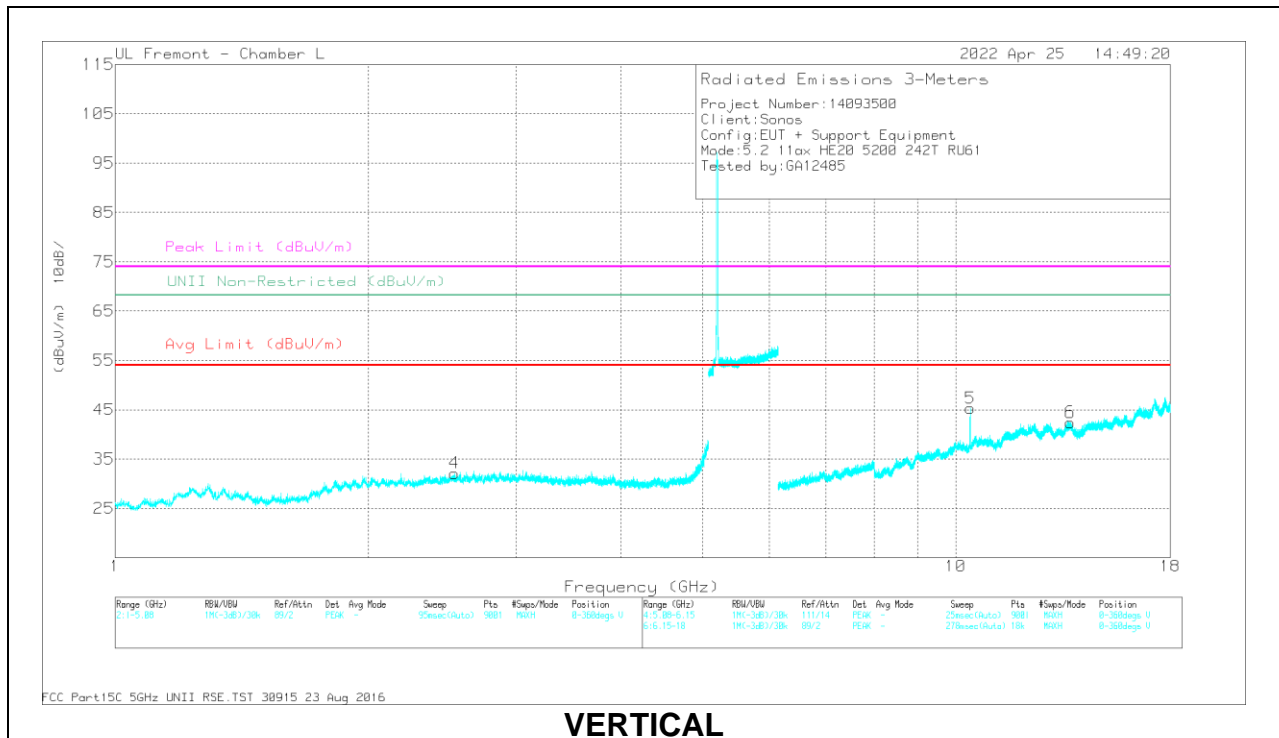
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



HORIZONTAL



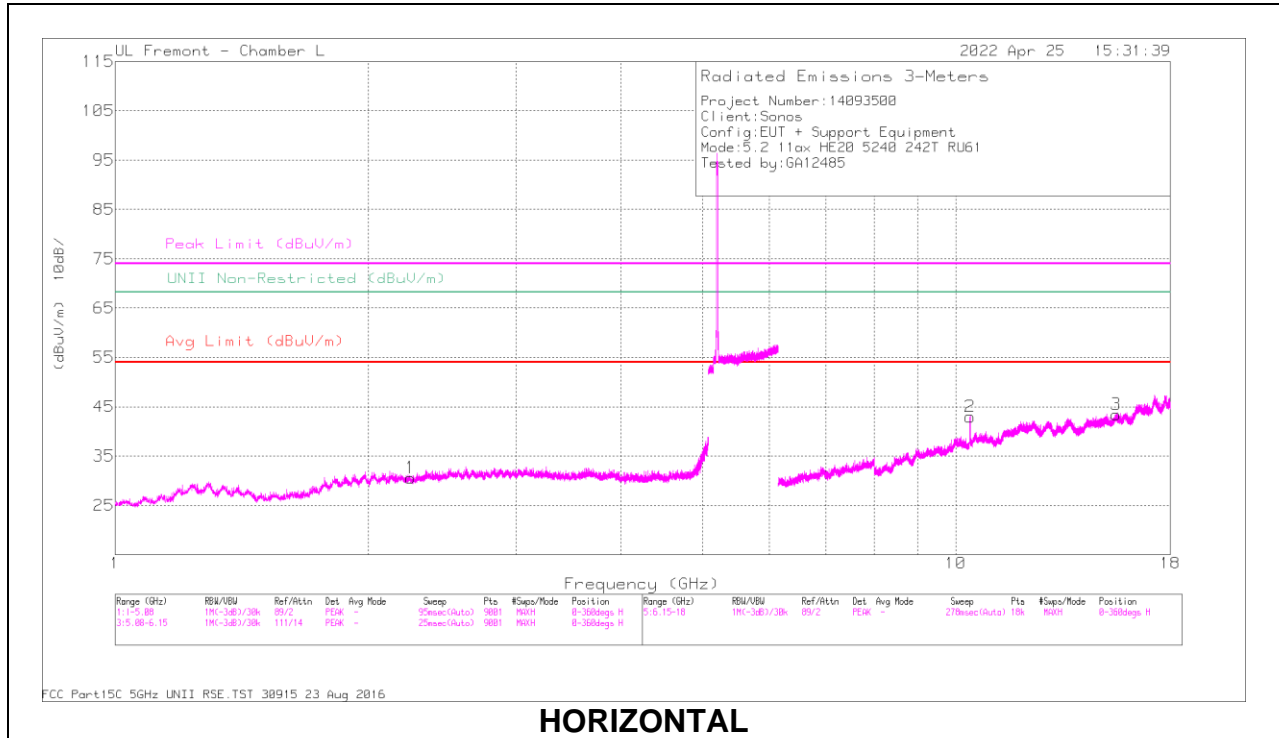
VERTICAL

RADIATED EMISSIONS

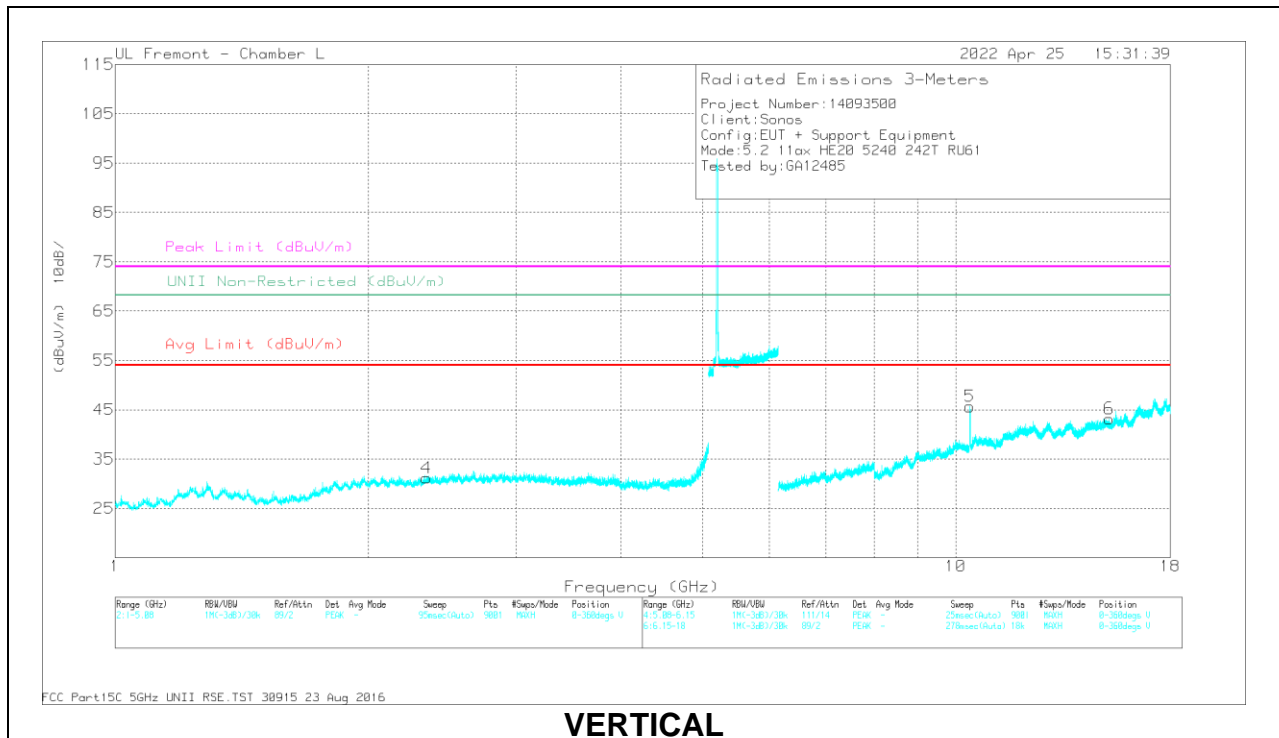
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.186094	40.54	PK-U	31.7	-31	0	41.24	-	-	-	-	68.2	-26.96	141	189	H
4	2.533141	39.74	PK-U	32.4	-29.9	0	42.24	-	-	-	-	68.2	-25.96	261	113	V
2	10.404385	36.34	PK-U	37.5	-19.2	0	54.64	-	-	-	-	68.2	-13.56	296	102	H
3	13.725253	30.18	PK-U	38.6	-17.6	0	51.18	-	-	-	-	68.2	-17.02	183	164	H
5	10.40972	36.98	PK-U	37.5	-19.3	0	55.18	-	-	-	-	68.2	-13.02	274	211	V
6	13.685685	30.09	PK-U	38.6	-17.7	0	50.99	-	-	-	-	68.2	-17.21	257	118	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.243359	40.58	PK-U	31.3	-30.6	0	41.28	-	-	74	-32.72	-	-	245	132	H
	* 2.244313	28	ADR	31.3	-30.6	2.91	31.61	54	-22.39	-	-	-	-	245	132	H
4	* 2.345664	41.31	PK-U	31.9	-30.5	0	42.71	-	-	74	-31.29	-	-	231	124	V
	* 2.345984	28.01	ADR	31.9	-30.5	2.91	32.32	54	-21.68	-	-	-	-	231	124	V
2	10.401884	34.19	PK-U	37.5	-19.1	0	52.59	-	-	-	-	68.2	-15.61	106	200	H
3	* 15.521002	29.78	PK-U	40.3	-17.7	0	52.38	-	-	74	-21.62	-	-	59	109	H
	* 15.520638	17.99	ADR	40.4	-17.7	2.91	43.6	54	-10.4	-	-	-	-	59	109	H
5	10.397237	37.68	PK-U	37.4	-19	0	56.08	-	-	-	-	68.2	-12.12	275	201	V
6	15.226873	30.48	PK-U	39.8	-18.7	0	51.58	-	-	-	-	68.2	-16.62	28	114	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

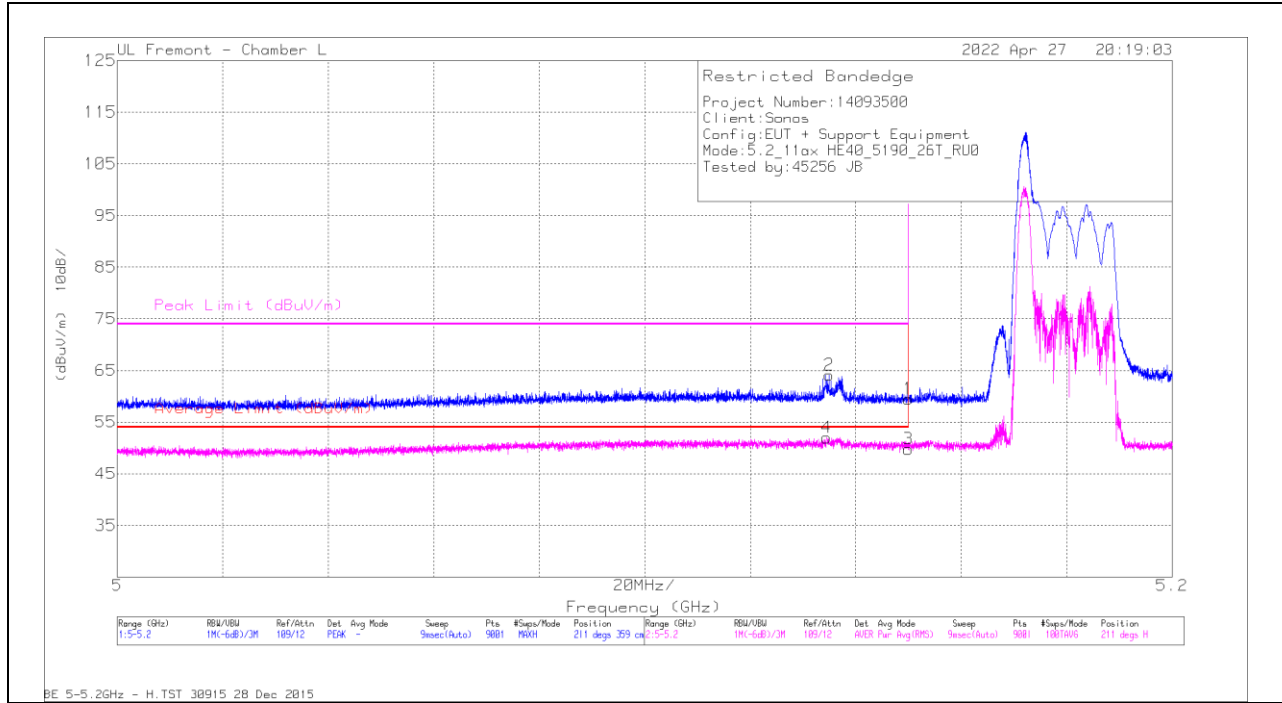
ADR - U-NII AD primary method, RMS average

10.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.2GHz BAND

2TX Antenna 2 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

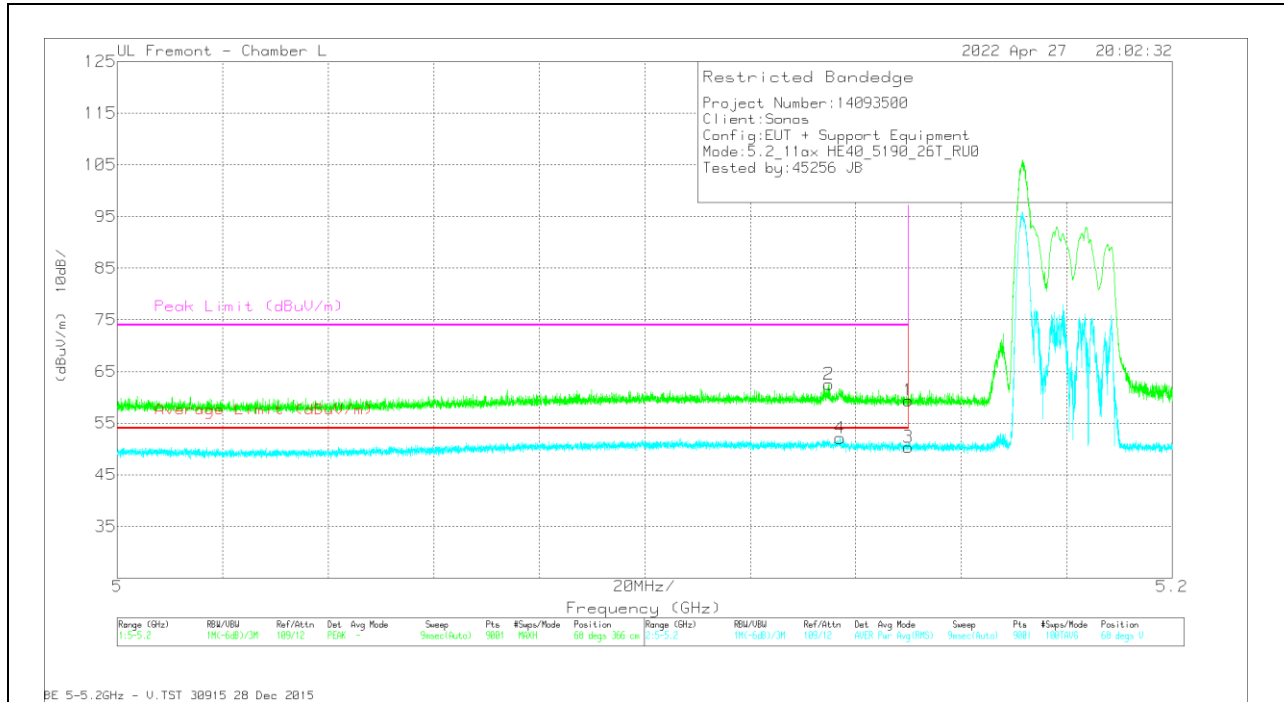
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	32.18	Pk	34.6	-7.3	0	59.48	-	-	74	-14.52	211	359	H
2	* 5.134976	36.79	Pk	34.6	-7.3	0	64.09	-	-	74	-9.91	211	359	H
3	* 5.15	20.49	RMS	34.6	-7.3	2	49.79	54	-4.21	-	-	211	359	H
4	* 5.13451	22.69	RMS	34.6	-7.3	2	51.99	54	-2.01	-	-	211	359	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	32.09	Pk	34.6	-7.3	0	59.39	-	-	-	-14.61	68	366	V
2	* 5.134888	35.22	Pk	34.6	-7.3	0	62.52	-	-	74	-11.48	68	366	V
3	* 5.15	21.05	RMS	34.6	-7.3	2	50.35	54	-3.65	-	-	68	366	V
4	* 5.137021	22.8	RMS	34.6	-7.3	2	52.1	54	-1.9	-	-	68	366	V

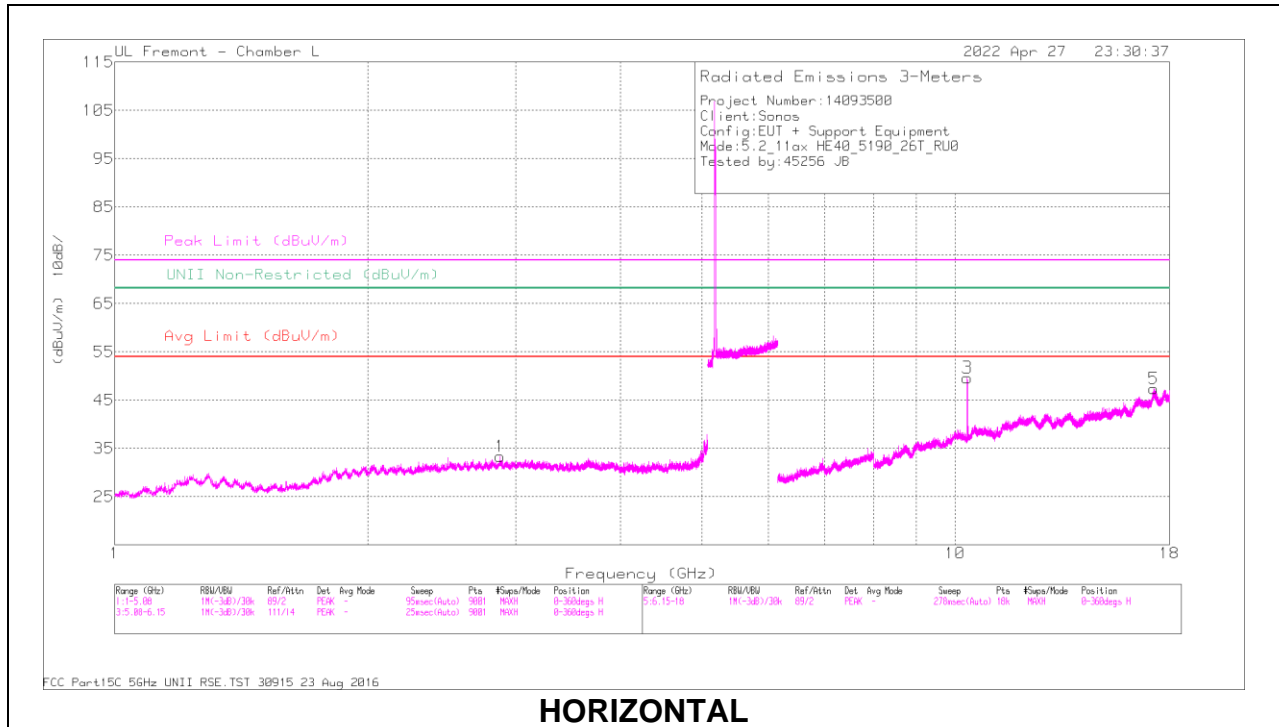
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

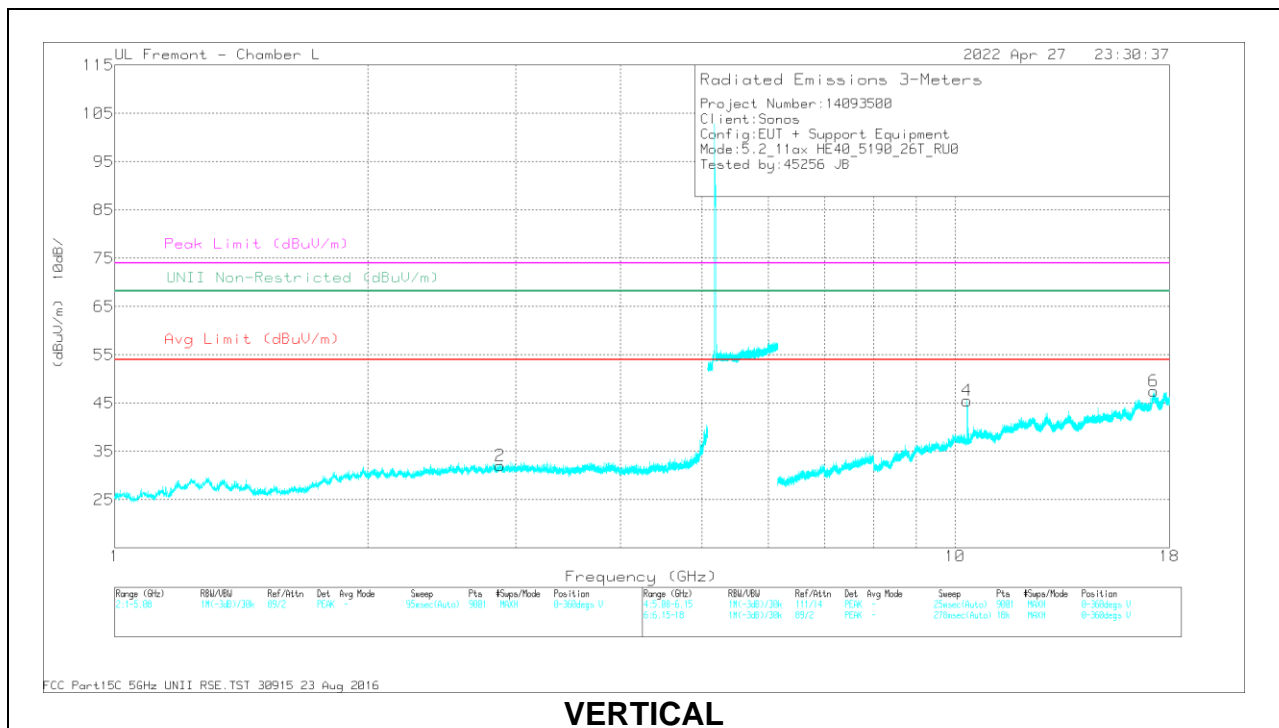
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.873596	39.04	PK-U	32.7	-29.3	0	42.44	-	-	74	-31.56	-	-	355	101	H
	* 2.877005	27.11	ADR	32.8	-29.2	2	32.71	54	-21.29	-	-	-	-	355	101	H
2	* 2.873947	39.01	PK-U	32.7	-29.3	0	42.41	-	-	74	-31.59	-	-	204	121	V
	* 2.87704	26.97	ADR	32.8	-29.2	2	32.57	54	-21.43	-	-	-	-	204	121	V
3	10.344158	46.57	PK-U	37.4	-19.3	0	64.67	-	-	-	-	68.2	-3.53	192	215	H
5	17.250199	31.78	PK-U	41	-15.9	0	56.88	-	-	-	-	68.2	-11.32	316	103	H
4	10.344647	41.04	PK-U	37.4	-19.3	0	59.14	-	-	-	-	68.2	-9.06	144	202	V
6	17.245649	31.39	PK-U	41	-15.8	0	56.59	-	-	-	-	68.2	-11.61	72	212	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

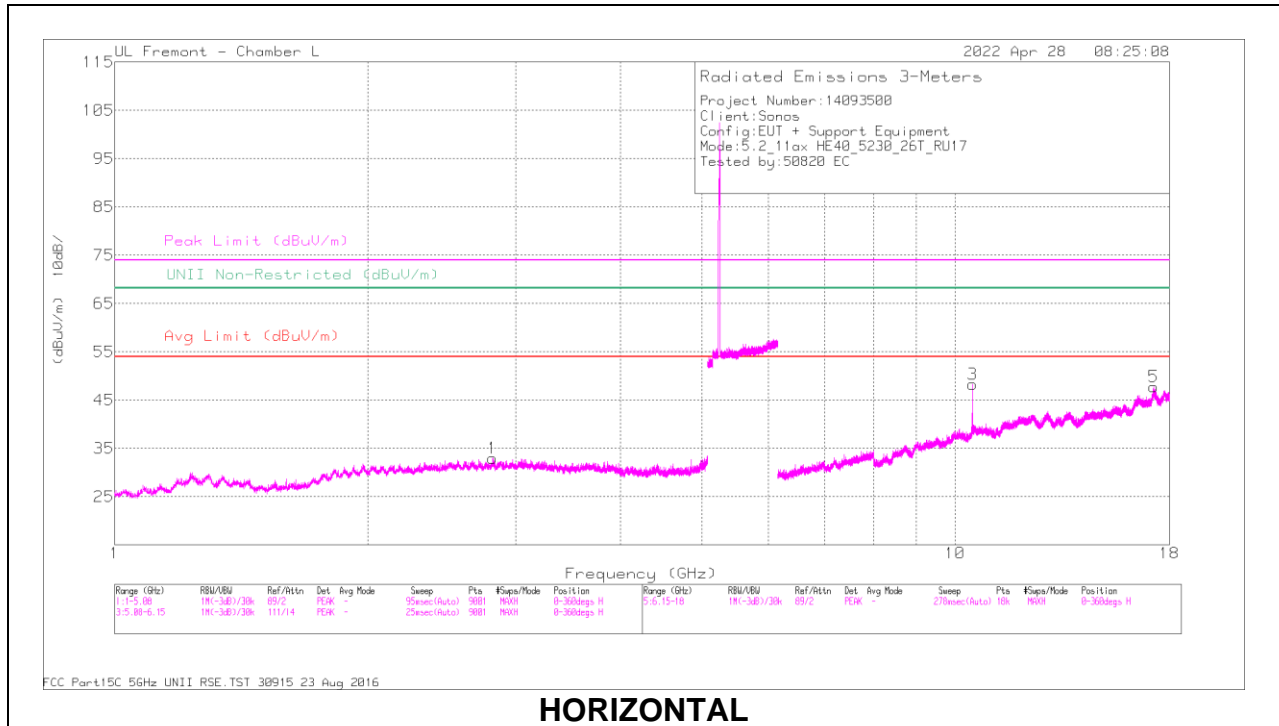
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

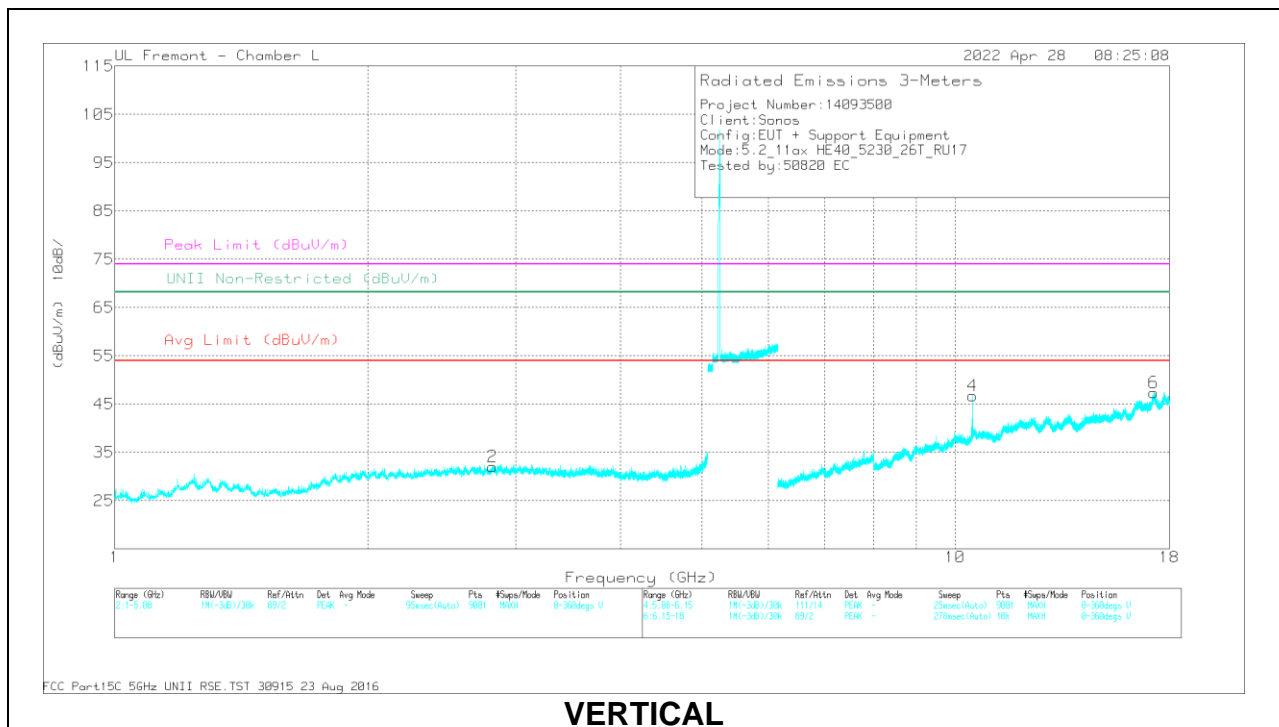
2TX Antenna 2 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 17

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.814832	39.01	PK-U	32.6	-29.2	0	42.41	-	-	74	-31.59	-	-	141	233	H
	* 2.814687	26.99	ADR	32.6	-29.2	2	32.39	54	-21.61	-	-	-	-	141	233	H
2	* 2.818972	38.78	PK-U	32.6	-29.2	0	42.18	-	-	74	-31.82	-	-	219	348	V
	* 2.816567	26.84	ADR	32.6	-29.2	2	32.24	54	-21.76	-	-	-	-	219	348	V
3	10.495379	43.4	PK-U	37.6	-19	0	62	-	-	-	-	68.2	-6.2	190	205	H
5	17.239622	31.28	PK-U	41	-15.8	0	56.48	-	-	-	-	68.2	-11.72	305	173	H
4	10.495319	45.57	PK-U	37.6	-19	0	64.17	-	-	-	-	68.2	-4.03	186	125	V
6	17.244251	31.83	PK-U	41	-15.8	0	57.03	-	-	-	-	68.2	-11.17	123	124	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

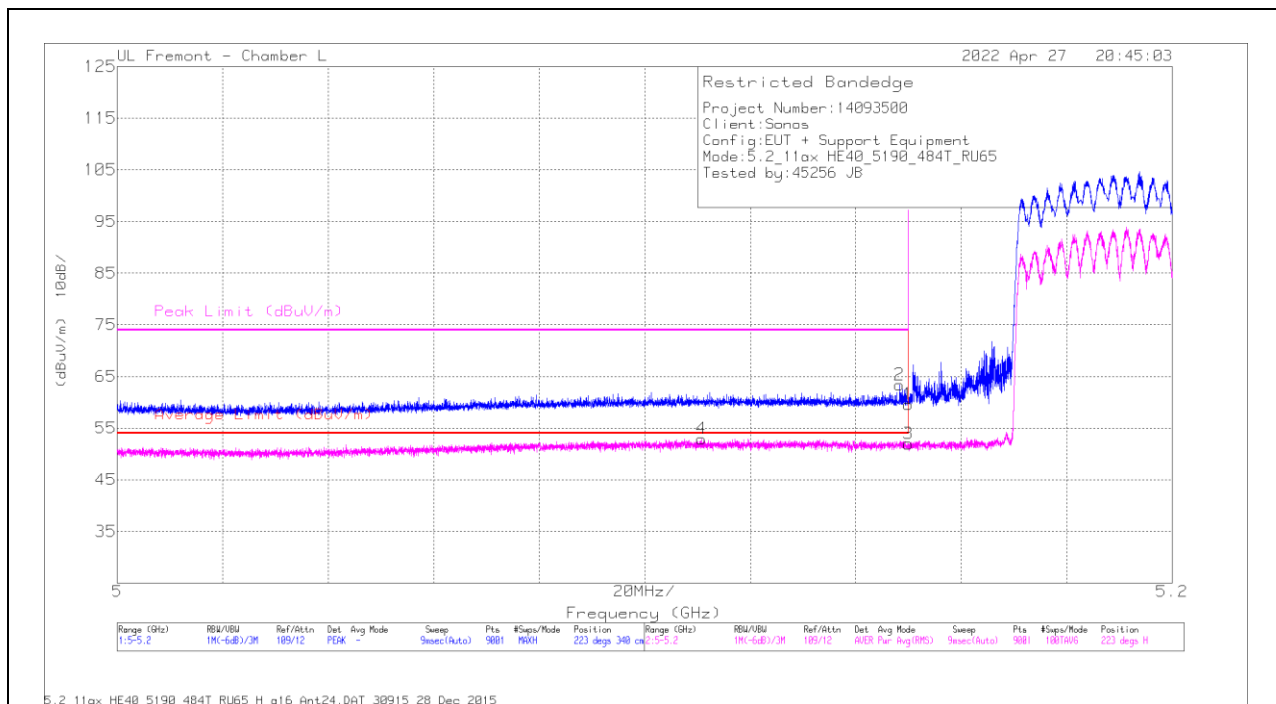
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 2 + Antenna 4 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

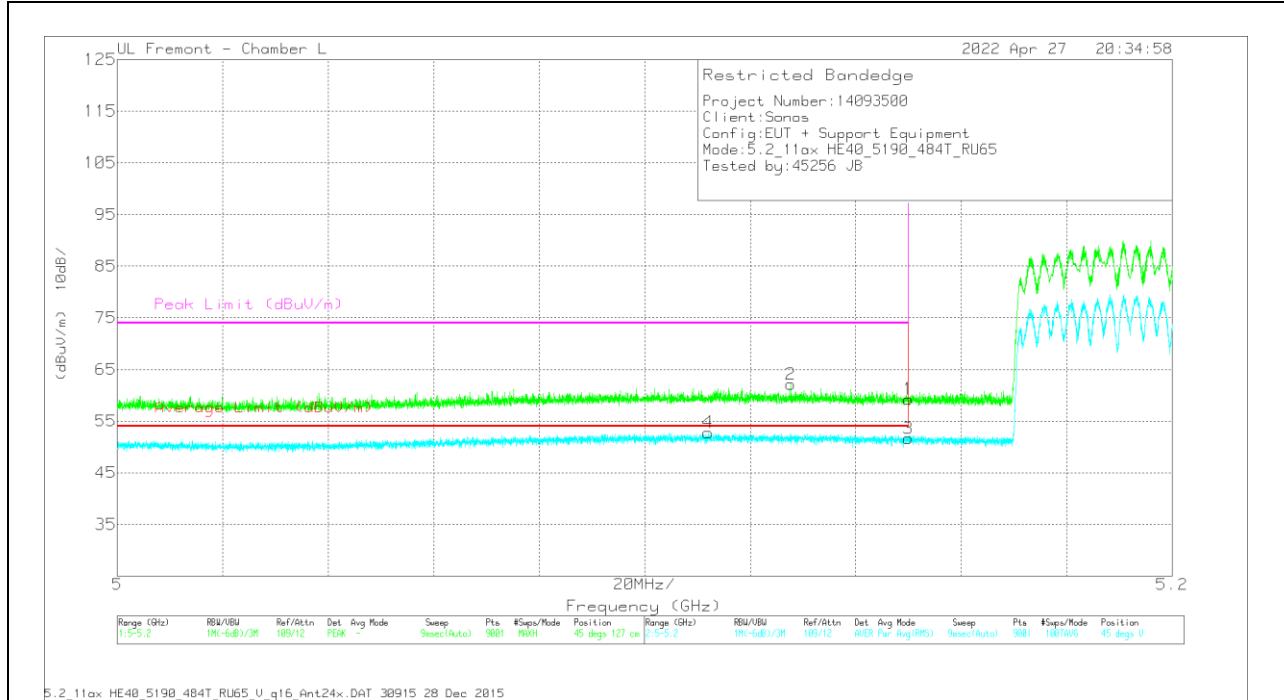
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	32.34	Pk	34.6	-7.3	0	59.64	-	-	74	-14.36	223	340	H
2	* 5.14831	36.09	Pk	34.6	-7.3	0	63.39	-	-	74	-10.61	223	340	H
3	* 5.15	21.73	RMS	34.6	-7.3	2.94	51.97	54	-2.03	-	-	223	340	H
4	* 5.110777	22.99	RMS	34.5	-7.5	2.94	52.93	54	-1.07	-	-	223	340	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	31.94	Pk	34.6	-7.3	0	59.24	-	-	74	-14.76	45	127	V
2	* 5.127665	34.83	Pk	34.6	-7.3	0	62.13	-	-	74	-11.87	45	127	V
3	* 5.15	21.4	RMS	34.6	-7.3	2.94	51.64	54	-2.36	-	-	45	127	V
4	* 5.112021	22.85	RMS	34.5	-7.5	2.94	52.79	54	-1.21	-	-	45	127	V

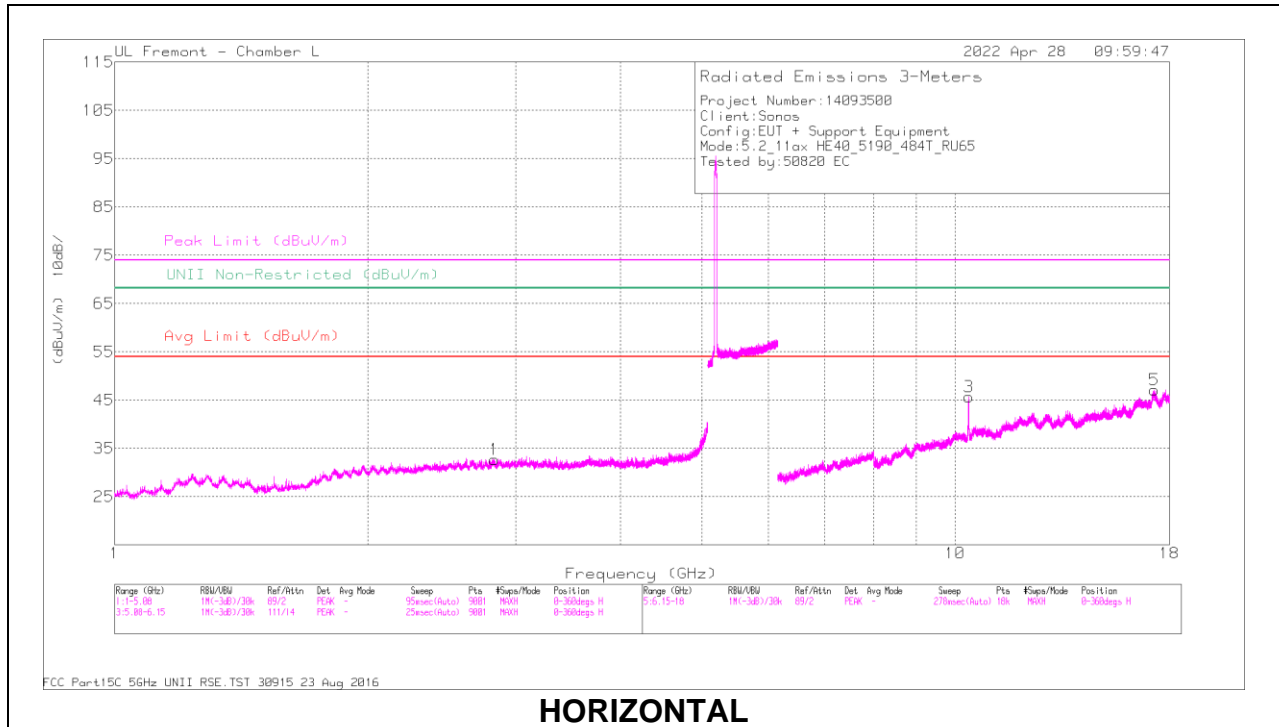
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

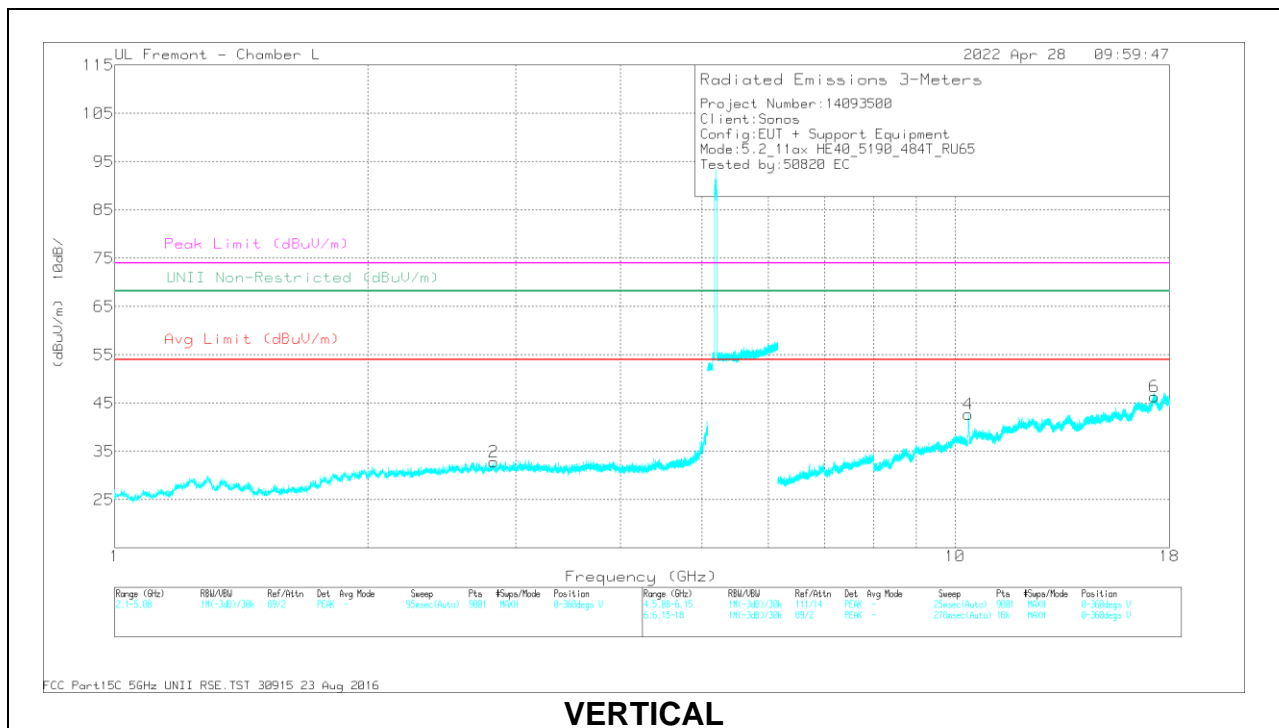
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

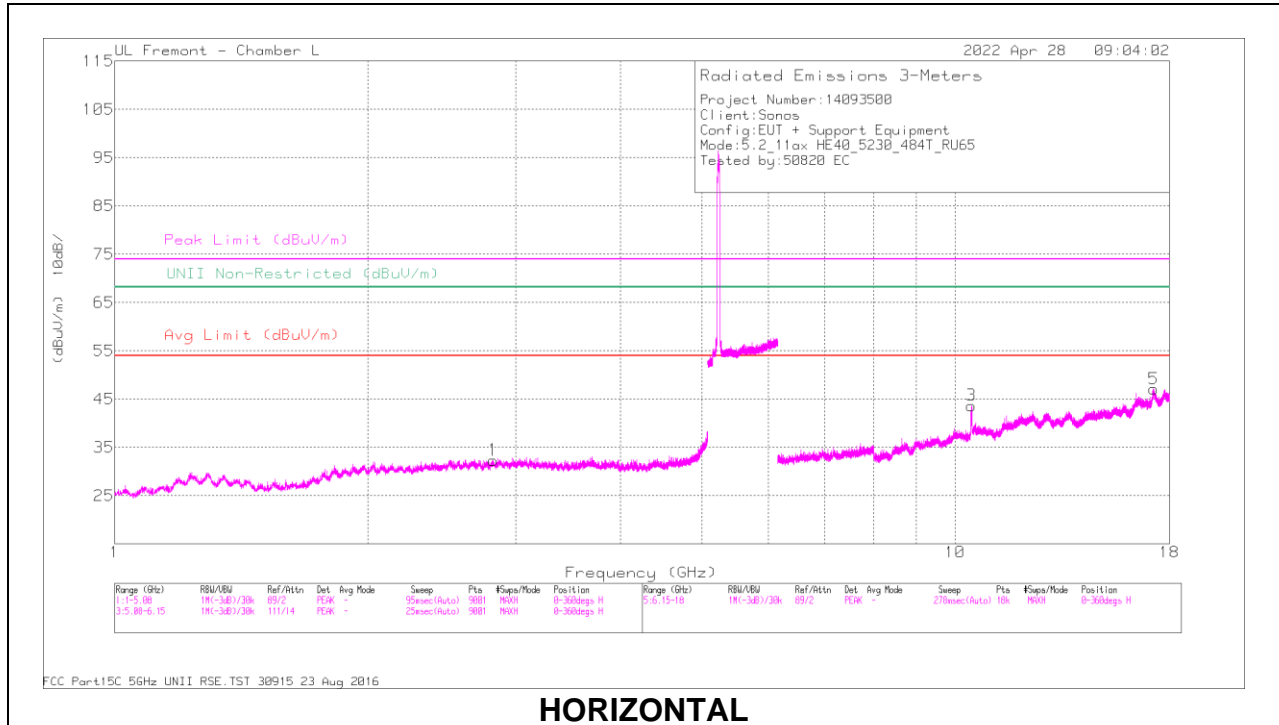
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.833763	38.07	PK-U	32.6	-29.1	0	41.57	-	-	74	-32.43	-	-	173	261	H
	* 2.832641	26.06	ADR	32.6	-29.1	2.94	32.5	54	-21.5	-	-	-	-	173	261	H
2	* 2.82676	38.09	PK-U	32.6	-29.1	0	41.59	-	-	74	-32.41	-	-	315	240	V
	* 2.826502	26.52	ADR	32.6	-29.1	2.94	32.96	54	-21.04	-	-	-	-	315	240	V
3	10.382375	36.68	PK-U	37.5	-19.2	0	54.98	-	-	-	-	68.2	-13.22	191	201	H
5	17.273737	30.91	PK-U	41	-16.1	0	55.81	-	-	-	-	68.2	-12.39	231	132	H
4	10.373995	34.14	PK-U	37.4	-19.3	0	52.24	-	-	-	-	68.2	-15.96	200	179	V
6	17.278162	31.45	PK-U	40.9	-16.2	0	56.15	-	-	-	-	68.2	-12.05	172	139	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

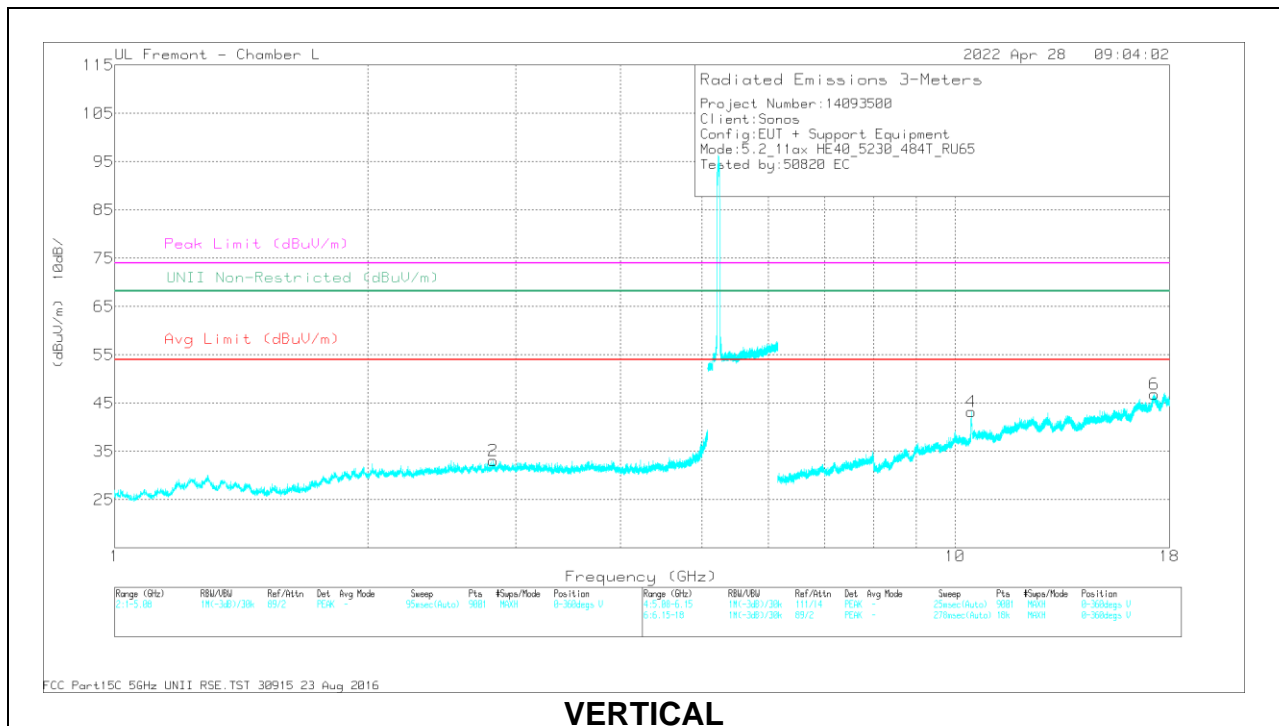
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.81948	38.87	PK-U	32.6	-29.2	0	42.27	-	-	74	-31.73	-	-	63	202	H
	* 2.819628	26.79	ADR	32.6	-29.2	2.94	33.13	54	-20.87	-	-	-	-	63	202	H
2	* 2.825068	38.41	PK-U	32.6	-29.1	0	41.91	-	-	74	-32.09	-	-	295	306	V
	* 2.822314	26.46	ADR	32.6	-29.2	2.94	32.8	54	-21.2	-	-	-	-	295	306	V
3	10.455831	36.36	PK-U	37.5	-19.5	0	54.36	-	-	-	-	68.2	-13.84	189	194	H
5	17.241193	31.41	PK-U	40.9	-15.8	0	56.51	-	-	-	-	68.2	-11.69	322	137	H
4	10.474085	35.38	PK-U	37.6	-19.4	0	53.58	-	-	-	-	68.2	-14.62	201	183	V
6	17.259178	31.27	PK-U	40.9	-16	0	56.17	-	-	-	-	68.2	-12.03	167	163	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

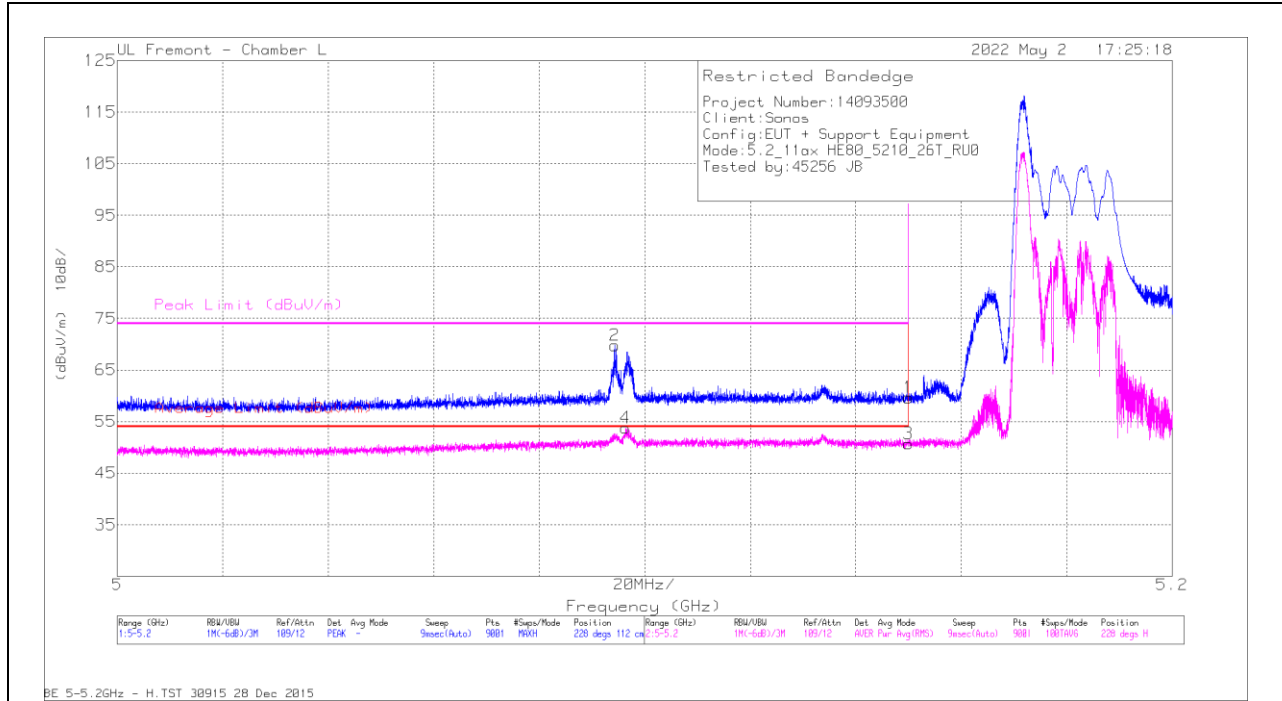
ADR - U-NII AD primary method, RMS average

10.1.3. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2GHz BAND

2TX Antenna 2 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

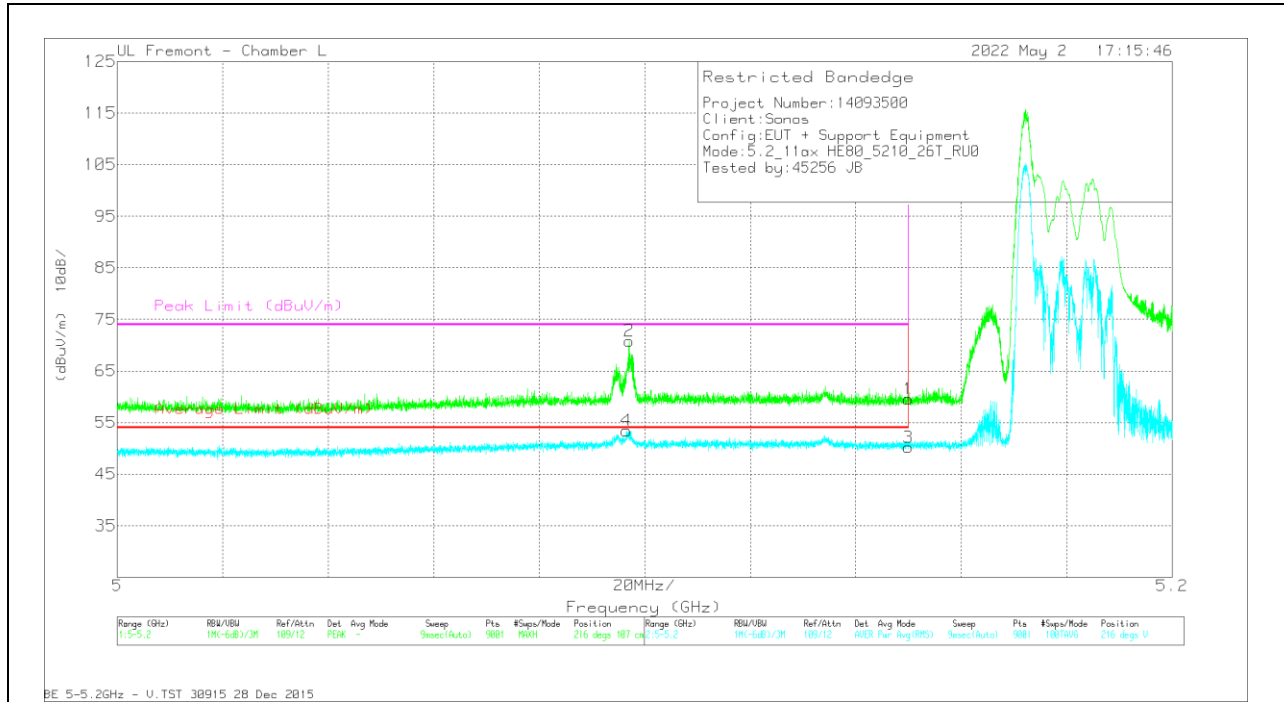
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	32.36	Pk	34.6	-7.3	0	59.66	-	-	74	-14.34	228	112	H
2	* 5.094332	42.86	Pk	34.5	-7.6	0	69.76	-	-	74	-4.24	228	112	H
3	* 5.15	21.44	RMS	34.6	-7.3	1.97	50.71	54	-3.29	-	-	228	112	H
4	* 5.096332	24.87	RMS	34.5	-7.6	1.97	53.74	54	-2.6	-	-	228	112	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	32.28	Pk	34.6	-7.3	0	59.58	-	-	74	-14.42	216	107	V
2	* 5.09711	43.92	Pk	34.5	-7.6	0	70.82	-	-	74	-3.18	216	107	V
3	* 5.15	20.93	RMS	34.6	-7.3	1.97	50.2	54	-3.8	-	-	216	107	V
4	* 5.096532	24.56	RMS	34.5	-7.6	1.97	53.43	54	-5.7	-	-	216	107	V

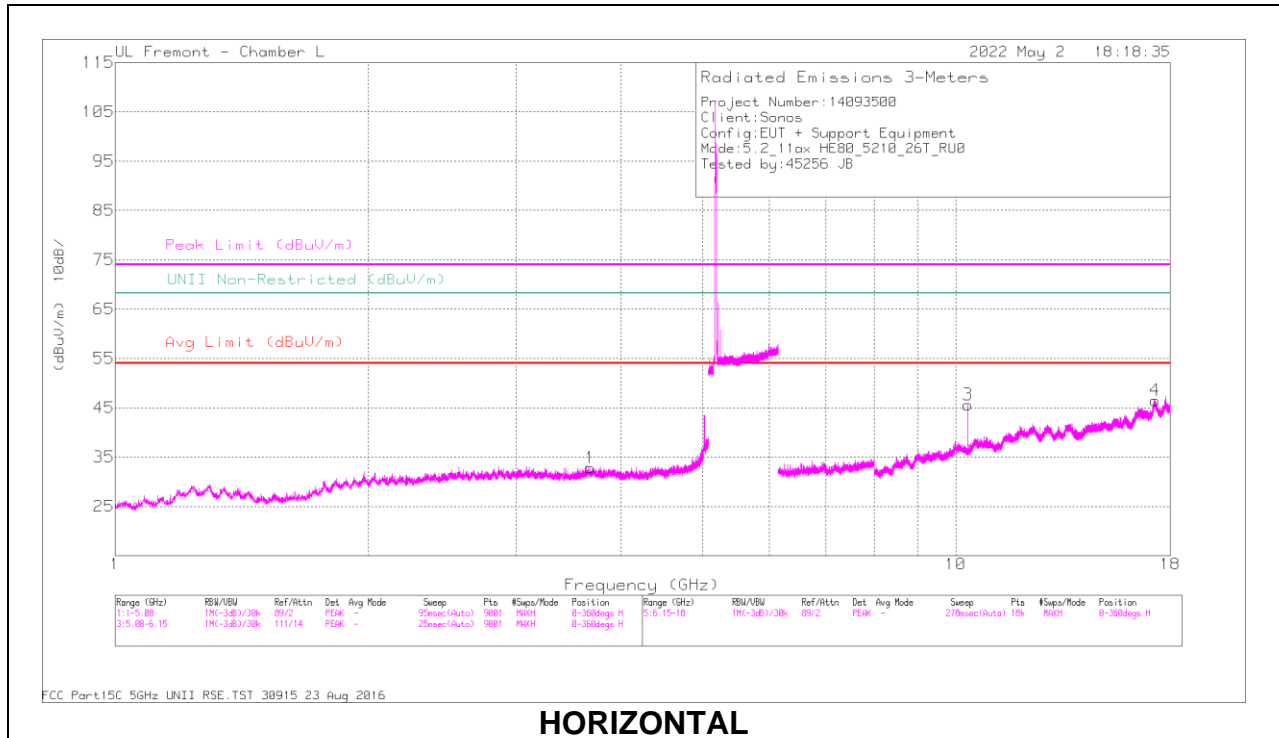
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

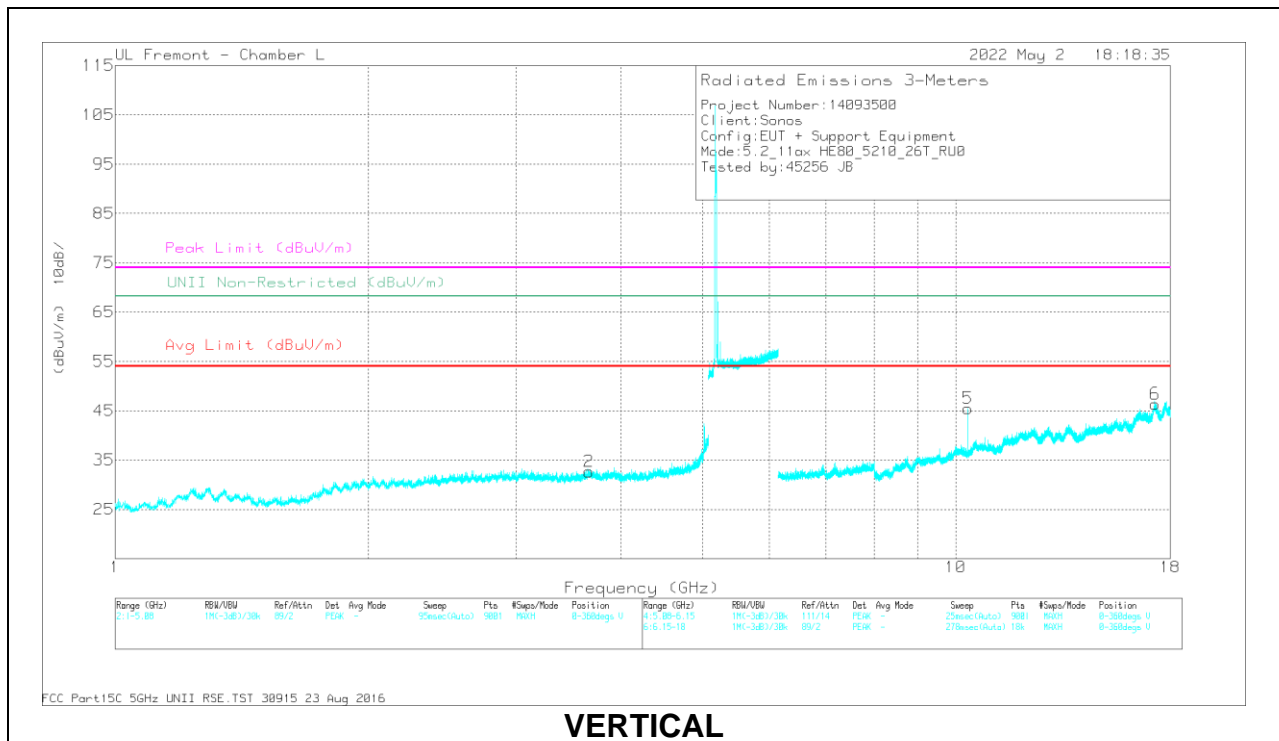
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.67274	37.43	PK-U	33.3	-27.8	0	42.93	-	-	74	-31.07	-	-	238	112	H
	* 3.672348	25.69	ADR	33.3	-27.8	1.97	33.16	54	-20.84	-	-	-	-	238	112	H
2	* 3.662615	37.4	PK-U	33.2	-27.6	0	43	-	-	74	-31	-	-	50	112	V
	* 3.661245	25.82	ADR	33.2	-27.6	1.97	33.39	54	-20.61	-	-	-	-	50	112	V
3	10.344578	40.76	PK-U	37.4	-19.3	0	58.86	-	-	-	-	68.2	-9.34	194	194	H
4	17.263964	31.05	PK-U	40.9	-16.1	0	55.85	-	-	-	-	68.2	-12.35	104	184	H
5	10.344673	42.44	PK-U	37.4	-19.3	0	60.54	-	-	-	-	68.2	-7.66	140	150	V
6	17.277243	31.06	PK-U	41	-16.1	0	55.96	-	-	-	-	68.2	-12.24	39	103	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

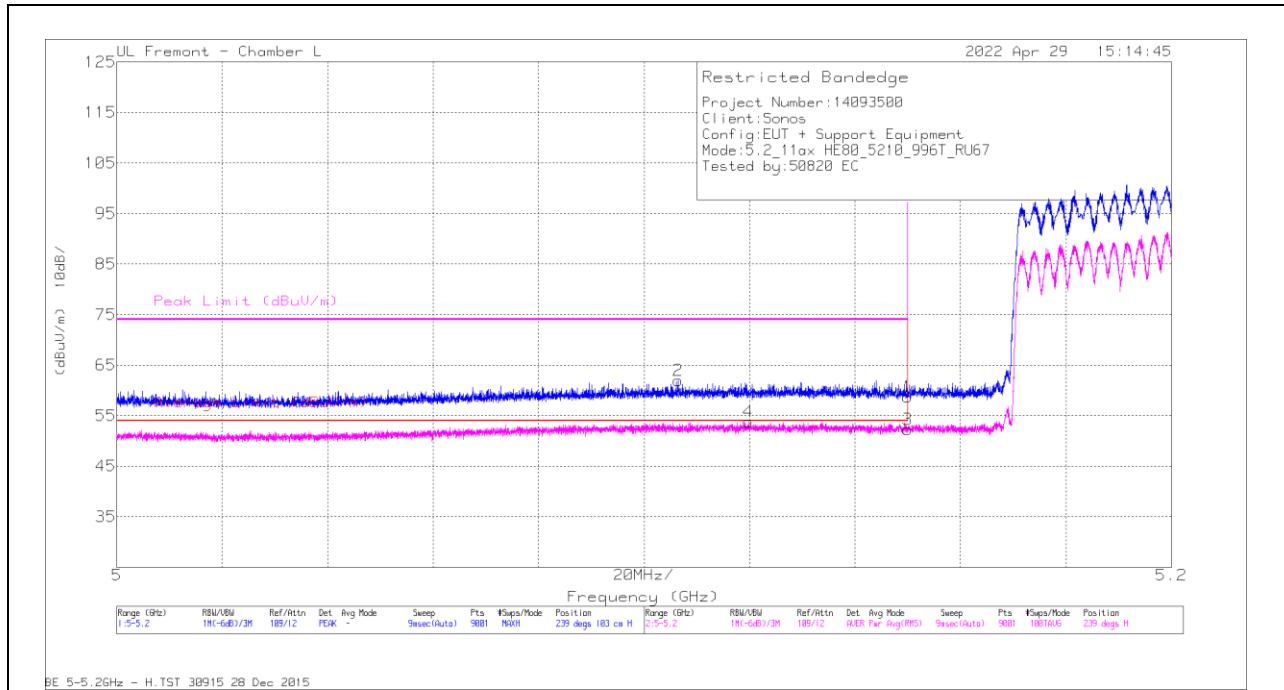
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 2 + Antenna 4 OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT

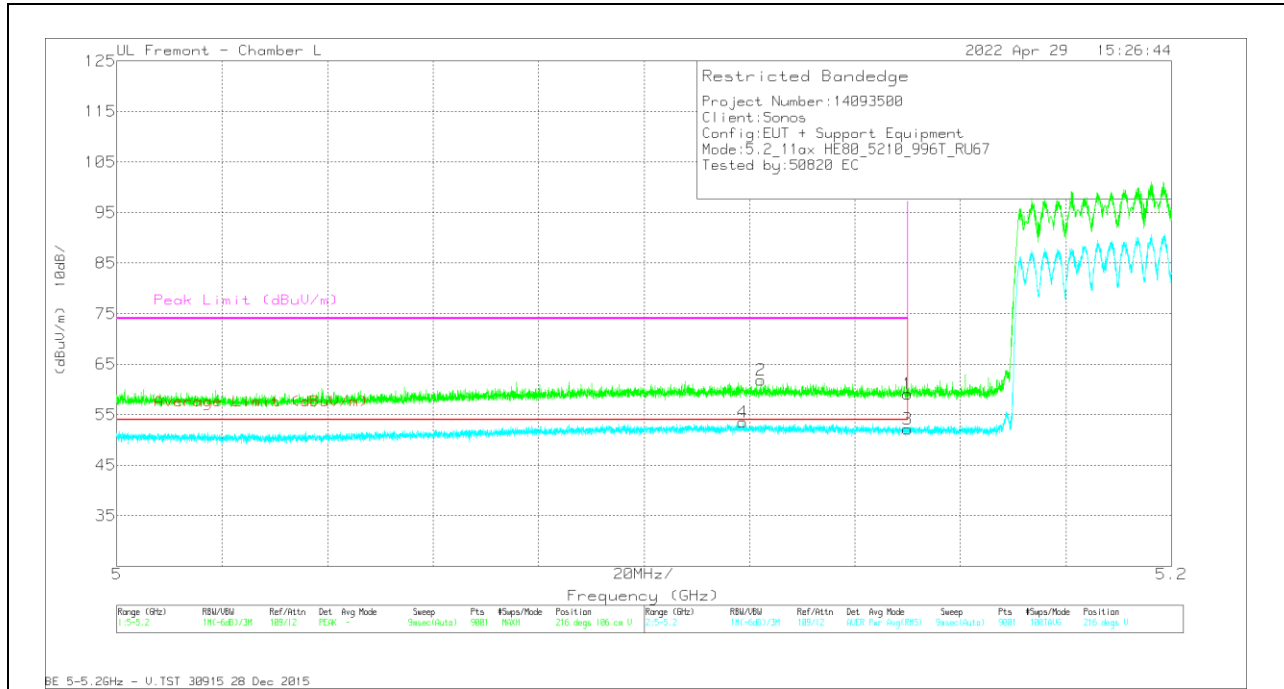


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	31.39	Pk	34.6	-7.3	0	58.69	-	-	74	-15.31	239	103	H
2	* 5.10651	34.94	Pk	34.5	-7.5	0	61.94	-	-	74	-12.06	239	103	H
3	* 5.15	21.4	RMS	34.6	-7.3	3.25	51.95	54	-2.05	-	-	239	103	H
4	* 5.119799	22.99	RMS	34.5	-7.4	3.25	53.34	54	-0.66	-	-	239	103	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	31.85	Pk	34.6	-7.3	0	59.15	-	-	74	-14.85	216	106	V
2	* 5.122132	34.74	Pk	34.5	-7.4	0	61.84	-	-	74	-12.16	216	106	V
3	* 5.15	21.55	RMS	34.6	-7.3	3.25	52.1	54	-1.9	-	-	216	106	V
4	* 5.118754	23.22	RMS	34.5	-7.4	3.25	53.57	54	-4.3	-	-	216	106	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection