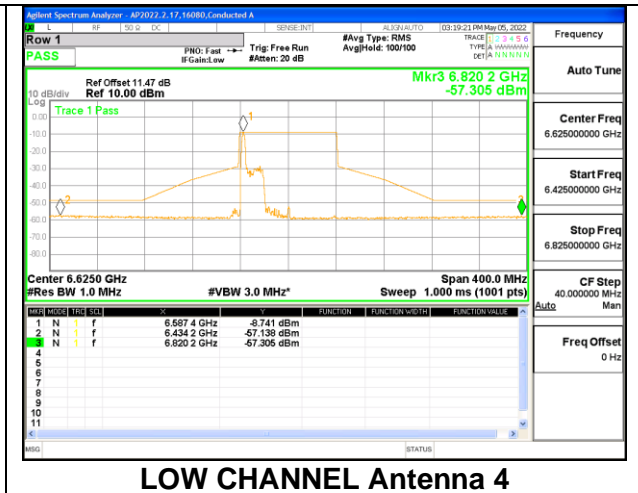
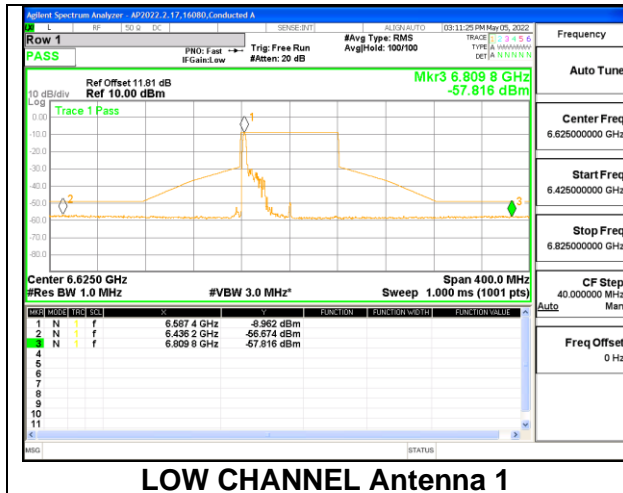


9.5.9. 802.11ax HE80 MODE 2TX IN THE UNII-7 BAND

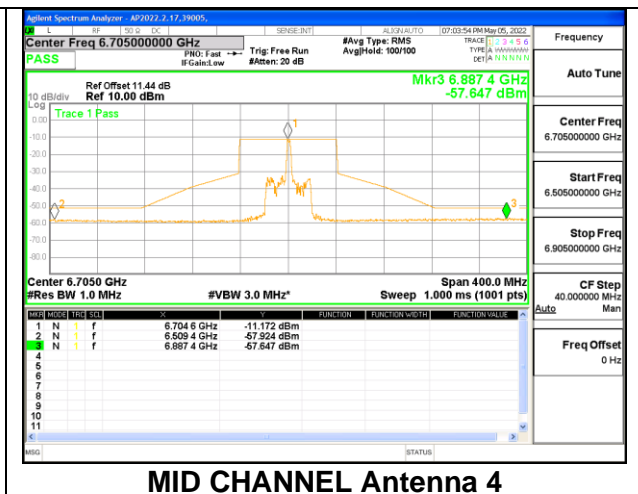
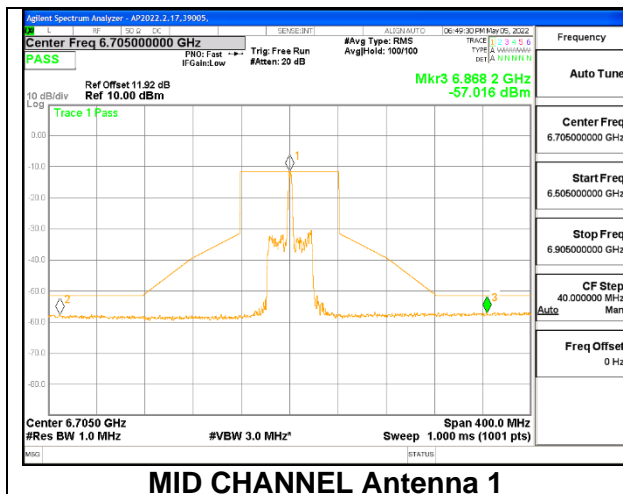
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

LOW CHANNEL



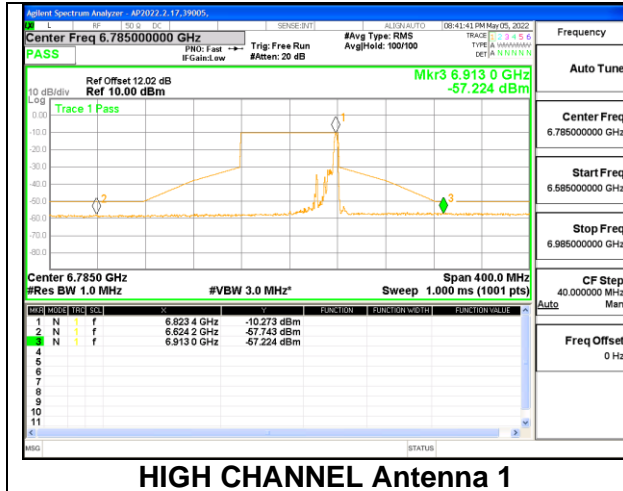
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 18

MID CHANNEL

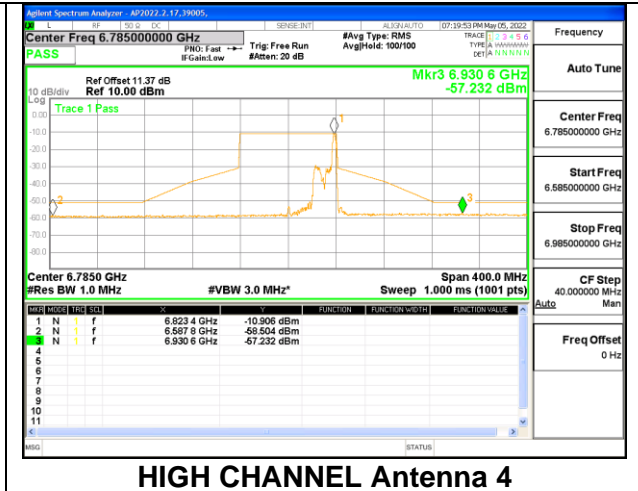


2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 36

HIGH CHANNEL

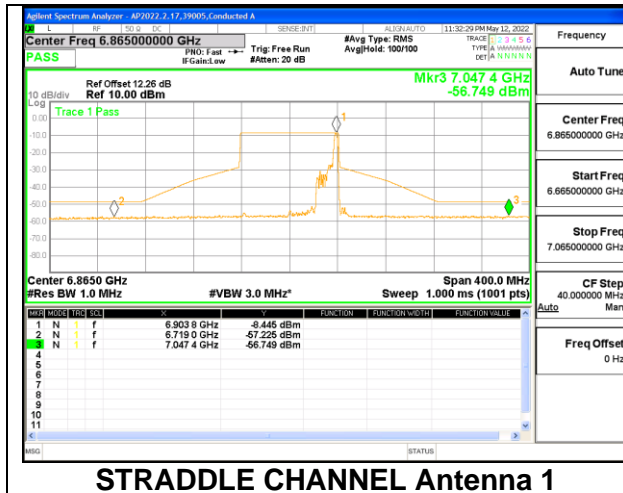


HIGH CHANNEL Antenna 1

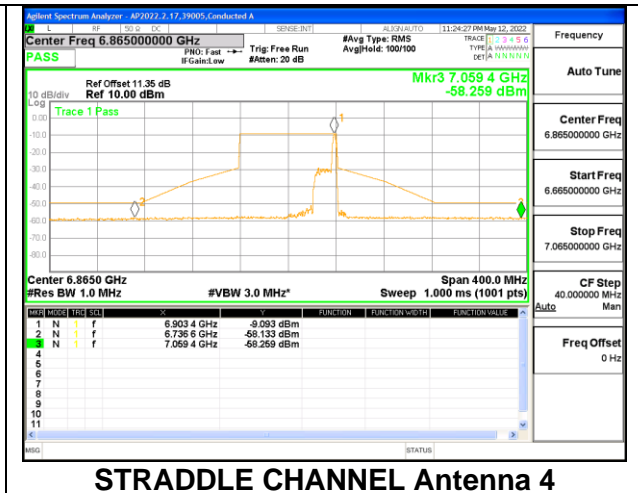


HIGH CHANNEL Antenna 4

STRADDLE CHANNEL



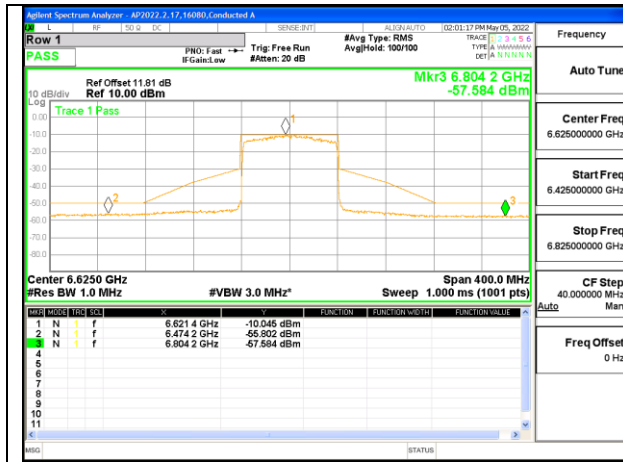
STRADDLE CHANNEL Antenna 1



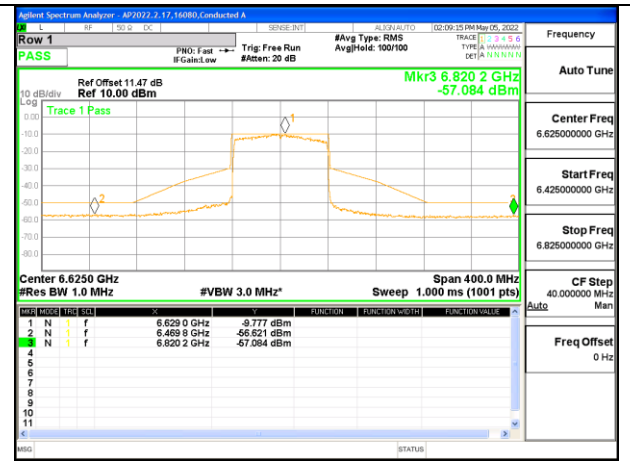
STRADDLE CHANNEL Antenna 4

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

LOW CHANNEL

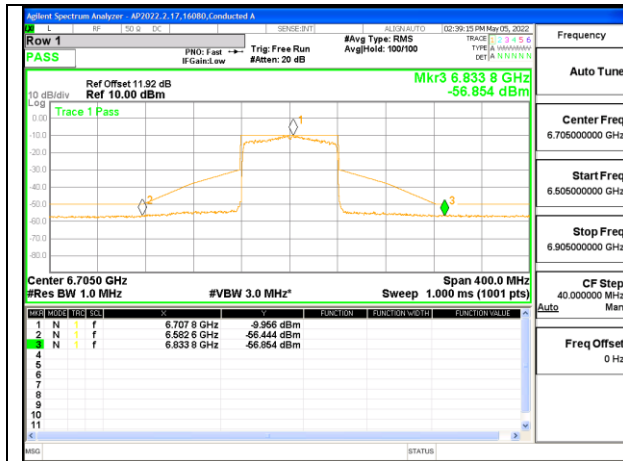


LOW CHANNEL Antenna 1

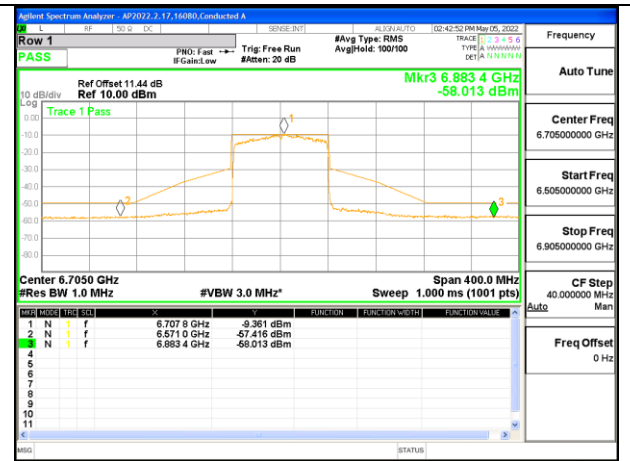


LOW CHANNEL Antenna 4

MID CHANNEL

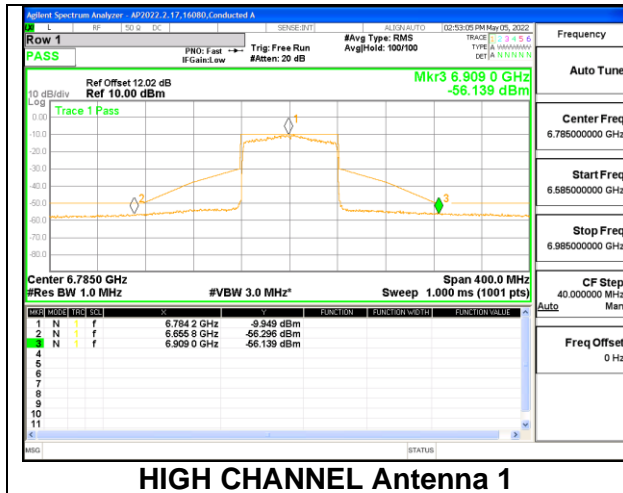


MID CHANNEL Antenna 1

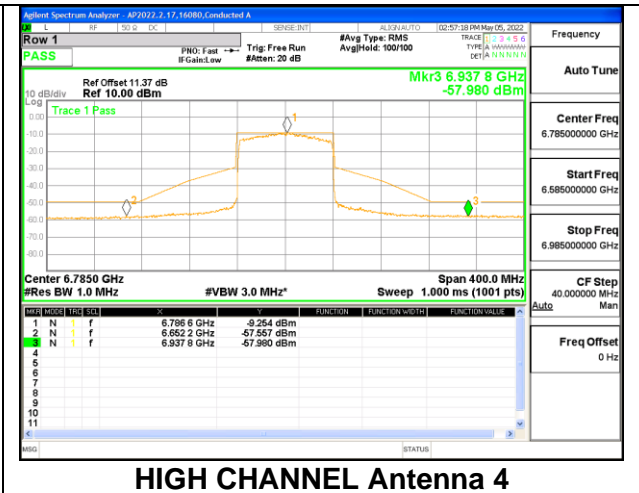


MID CHANNEL Antenna 4

HIGH CHANNEL

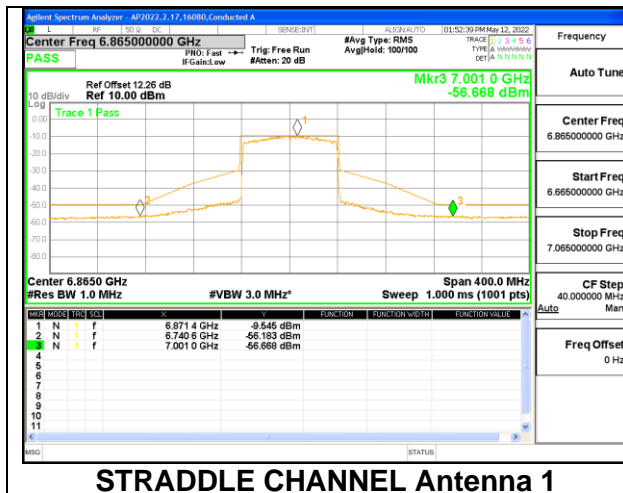


HIGH CHANNEL Antenna 1

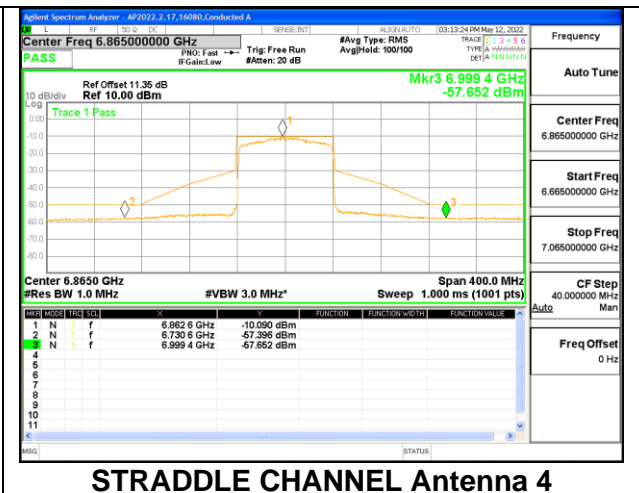


HIGH CHANNEL Antenna 4

STRADDLE CHANNEL



STRADDLE CHANNEL Antenna 1

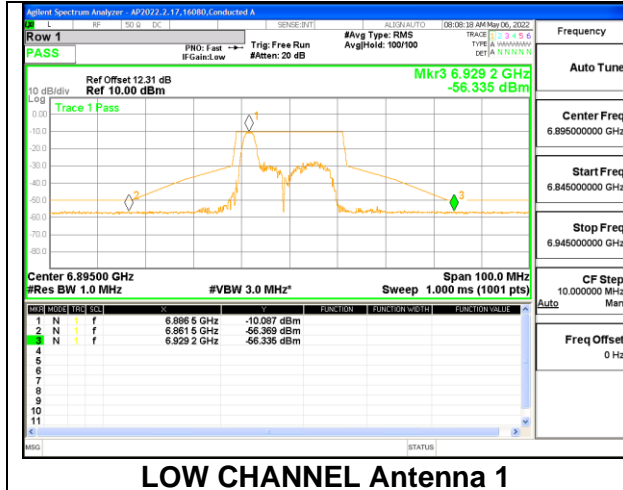


STRADDLE CHANNEL Antenna 4

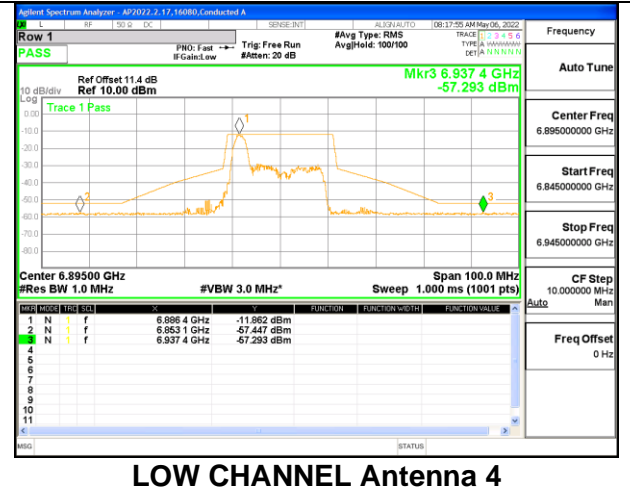
9.5.10. 802.11ax HE20 MODE 2TX IN THE UNII-8 BAND

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

LOW CHANNEL



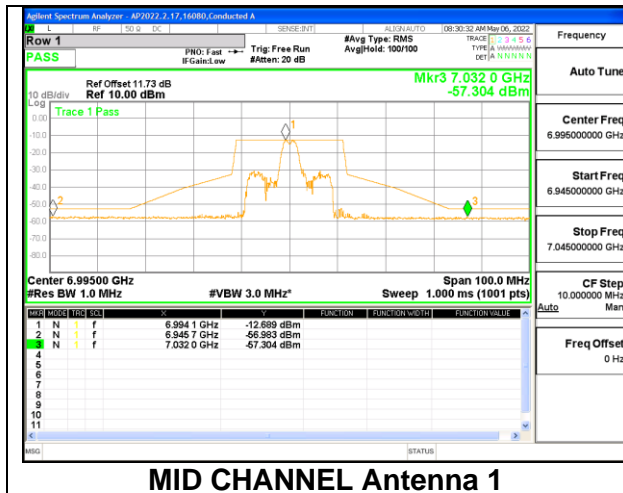
LOW CHANNEL Antenna 1



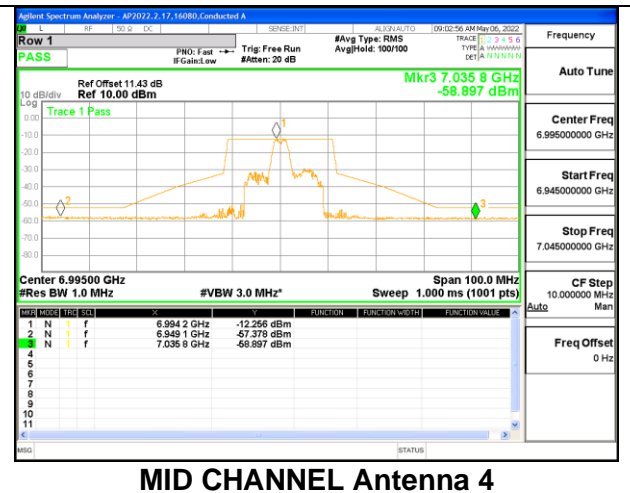
LOW CHANNEL Antenna 4

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

MID CHANNEL



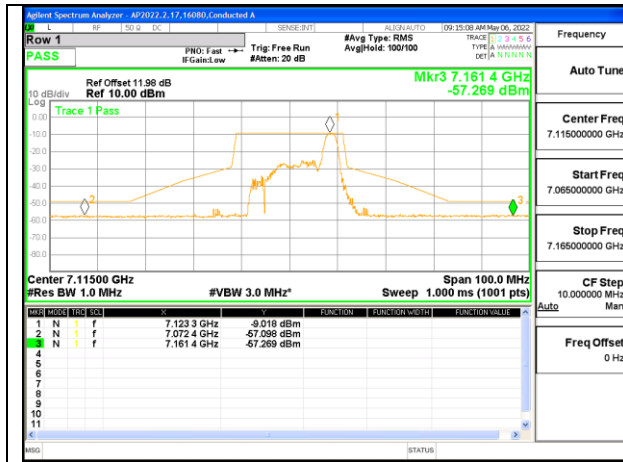
MID CHANNEL Antenna 1



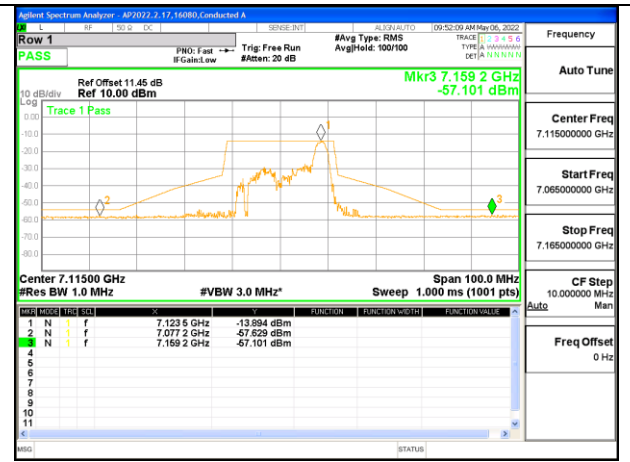
MID CHANNEL Antenna 4

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

HIGH CHANNEL



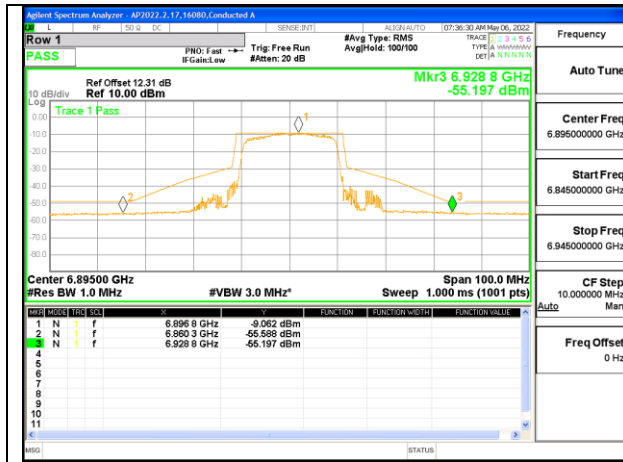
HIGH CHANNEL Antenna 1



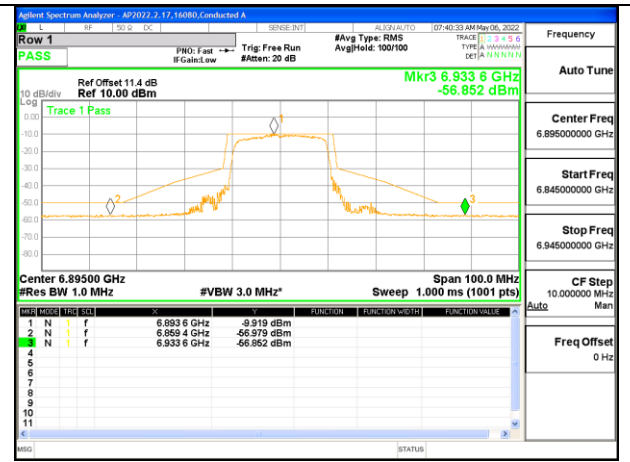
HIGH CHANNEL Antenna 4

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

LOW CHANNEL

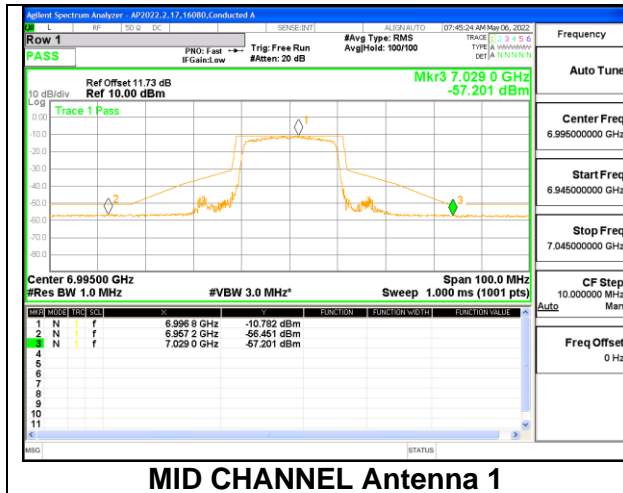


LOW CHANNEL Antenna 1

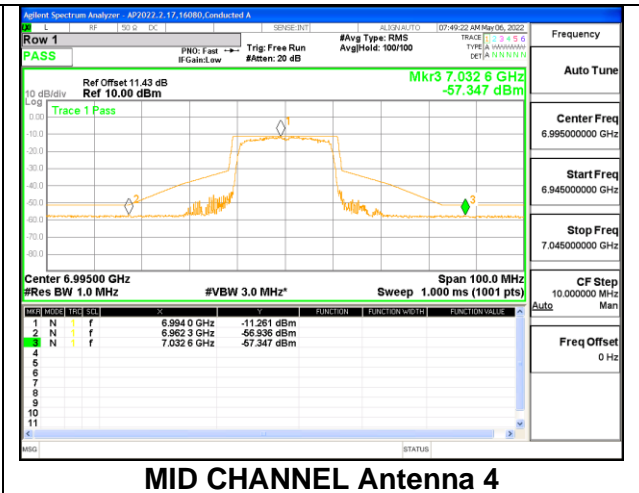


LOW CHANNEL Antenna 4

MID CHANNEL

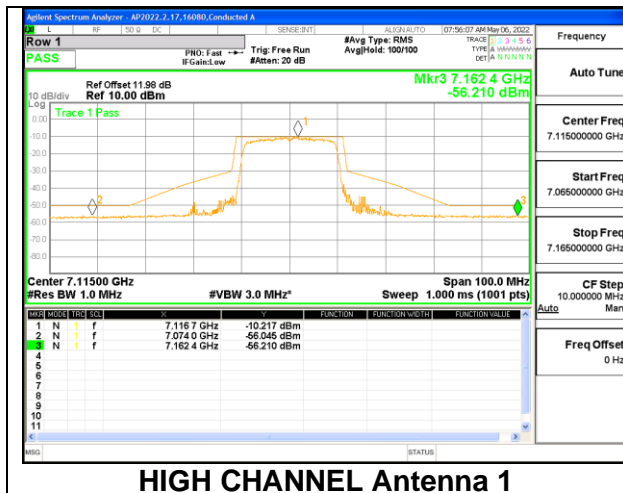


MID CHANNEL Antenna 1

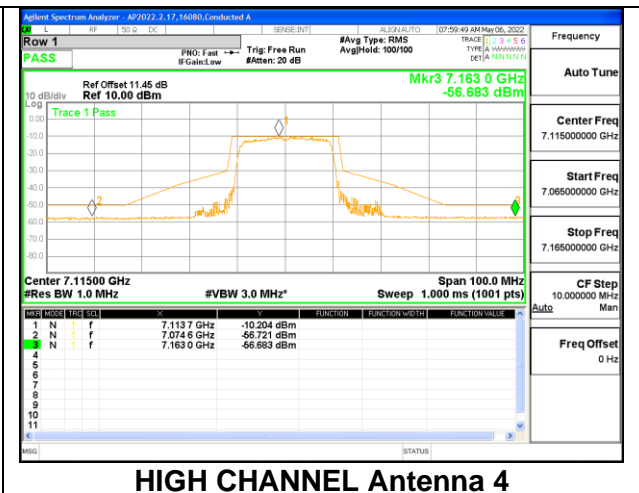


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 1

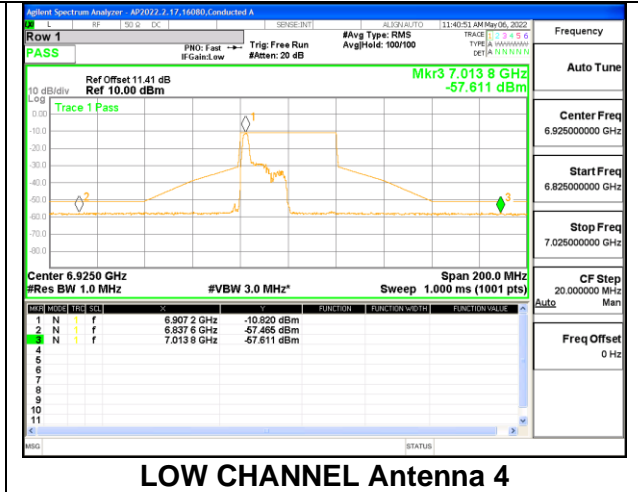
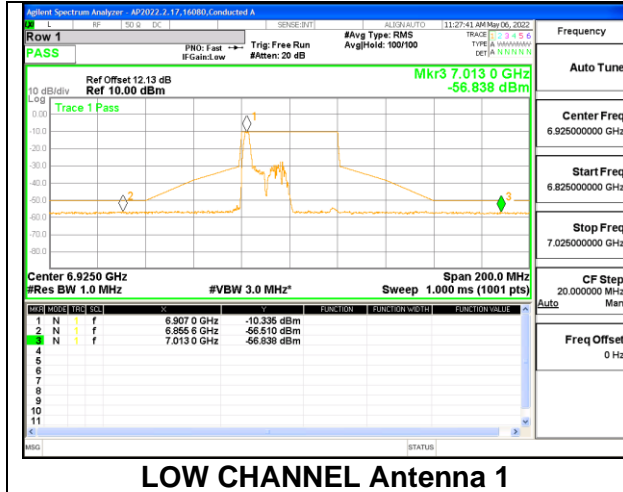


HIGH CHANNEL Antenna 4

9.5.11. 802.11ax HE40 MODE 2TX IN THE UNII-8 BAND

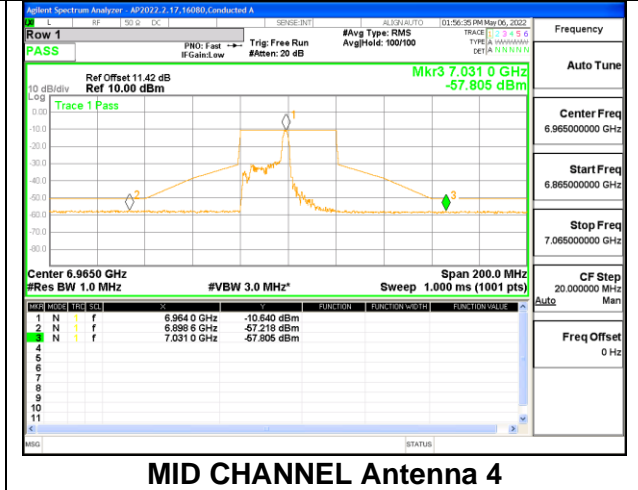
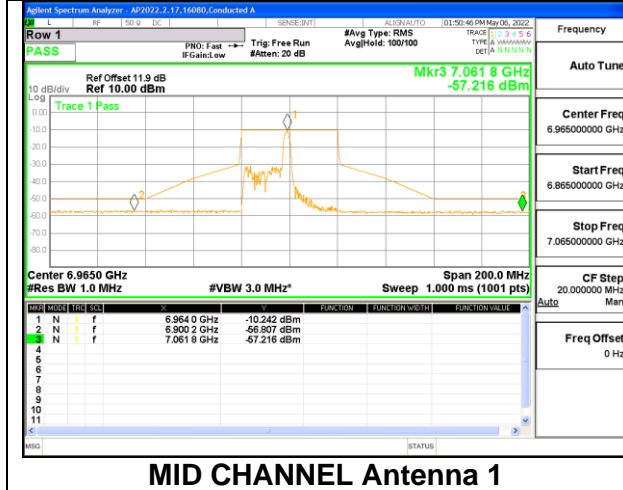
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

LOW CHANNEL



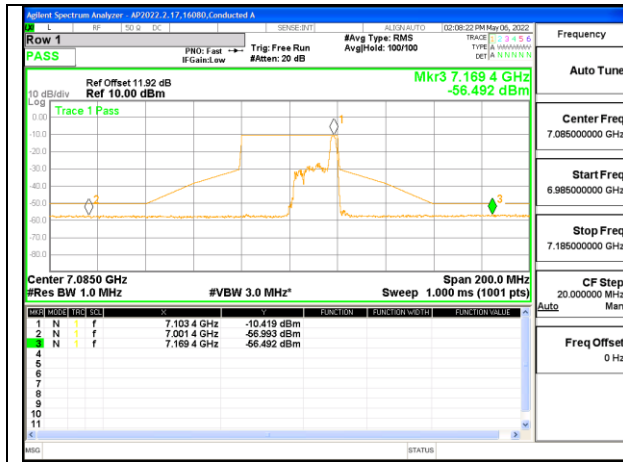
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

MID CHANNEL

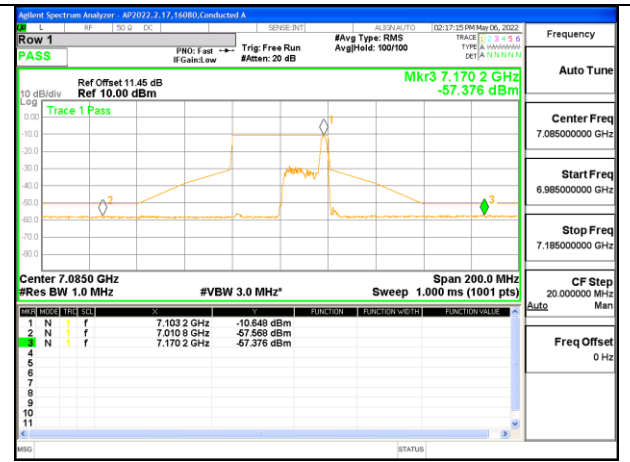


2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 17

HIGH CHANNEL



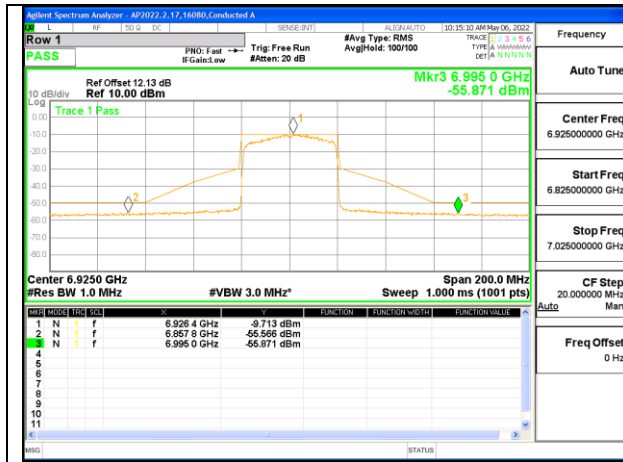
HIGH CHANNEL Antenna 1



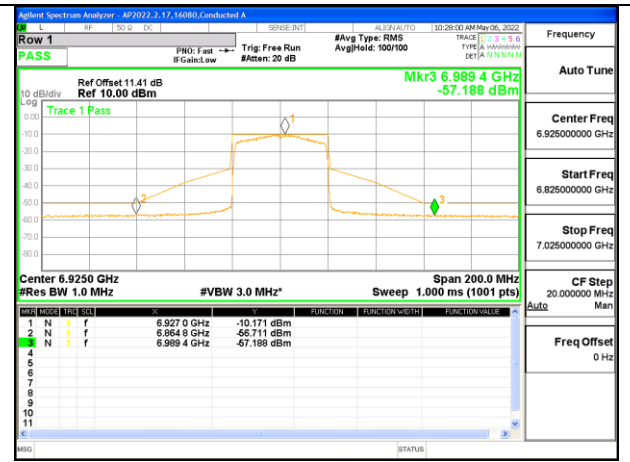
HIGH CHANNEL Antenna 4

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

LOW CHANNEL

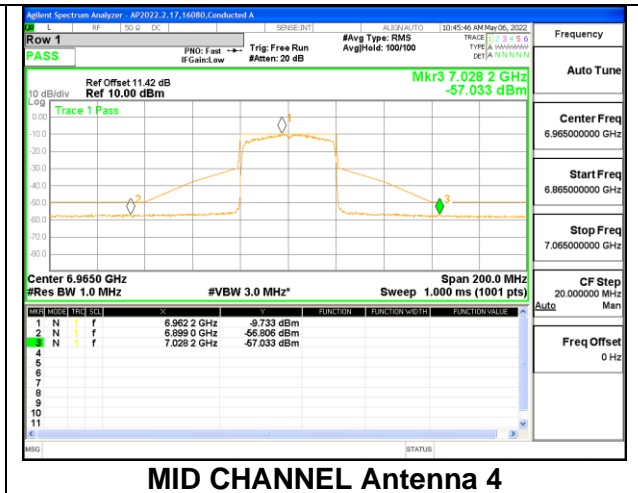
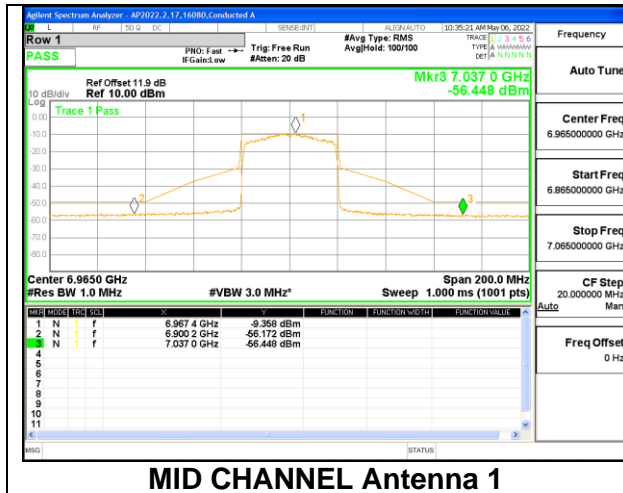


LOW CHANNEL Antenna 1

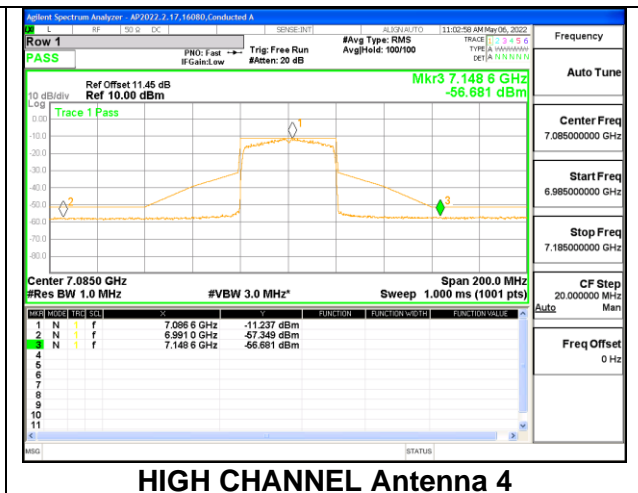
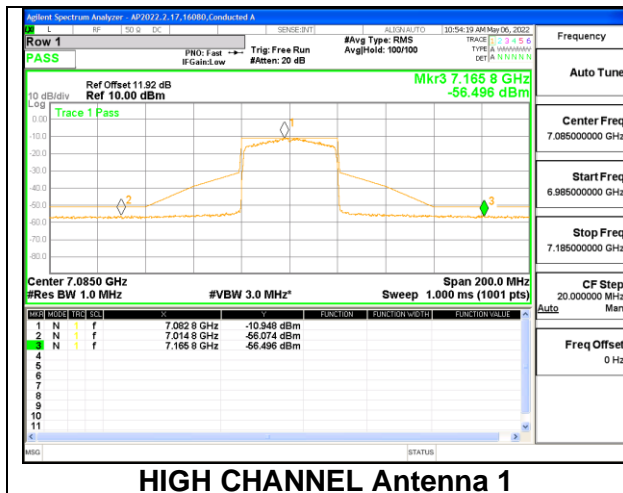


LOW CHANNEL Antenna 4

MID CHANNEL



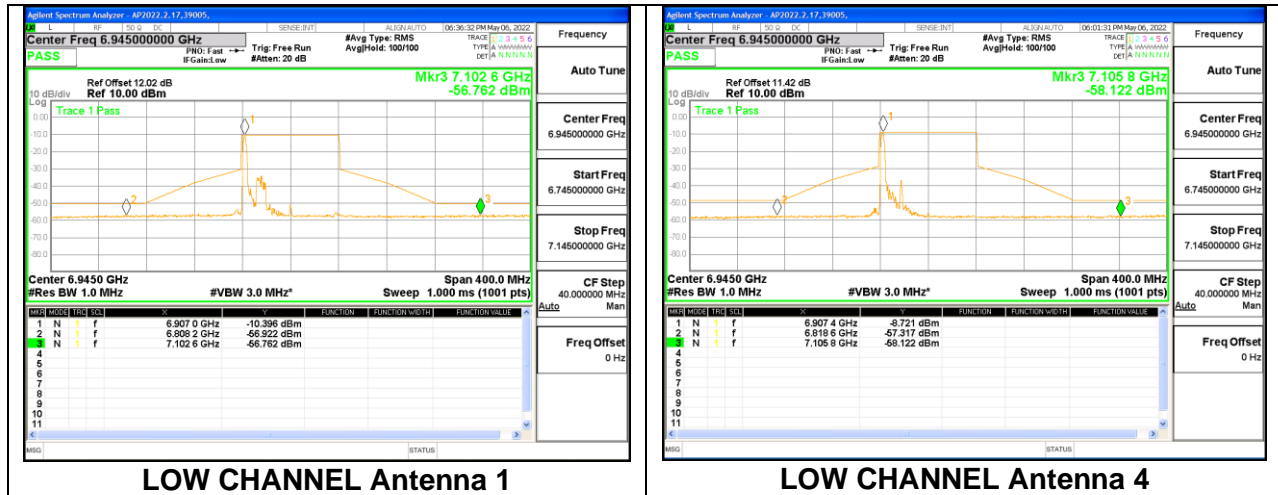
HIGH CHANNEL



9.5.12. 802.11ax HE80 MODE 2TX IN THE UNII-8 BAND

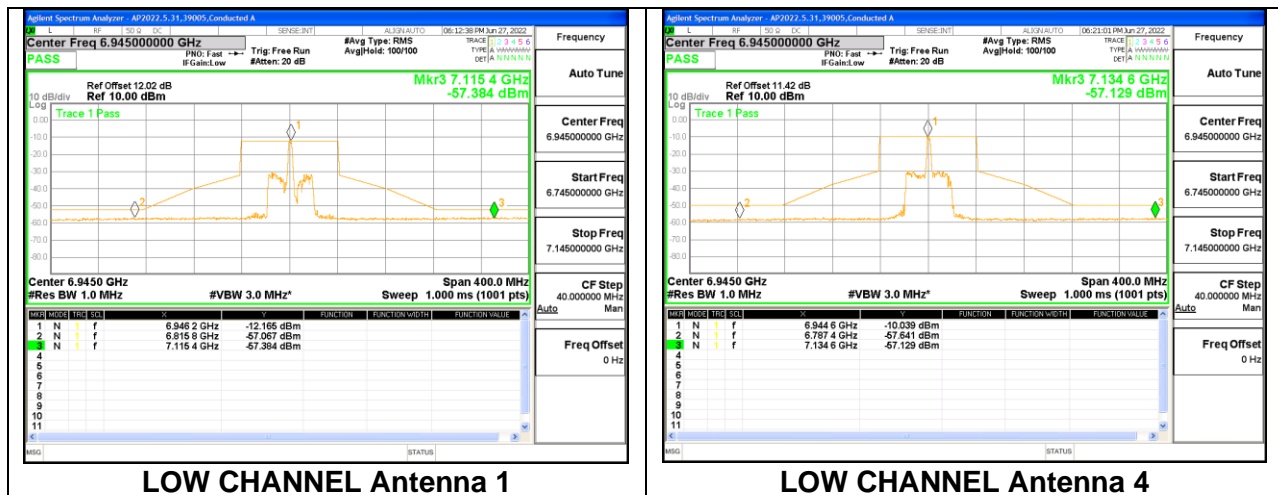
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

LOW CHANNEL



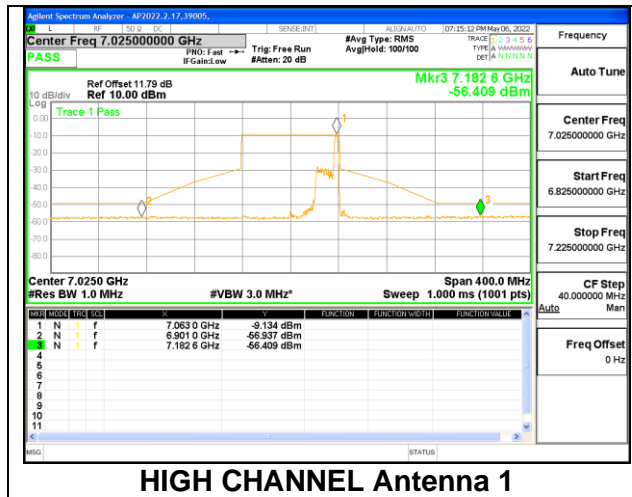
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 18

LOW CHANNEL

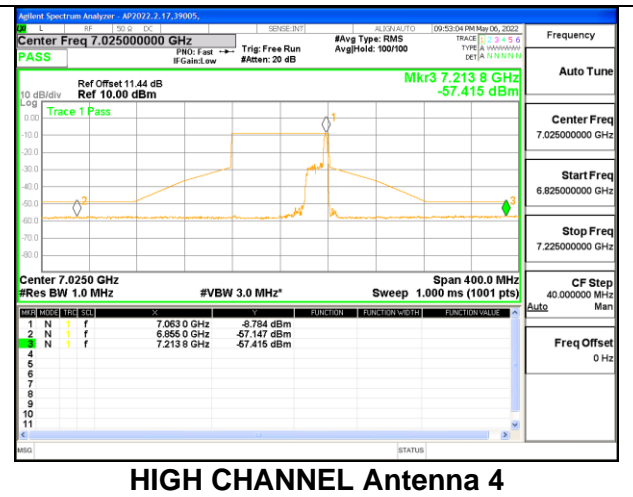


2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 36

HIGH CHANNEL



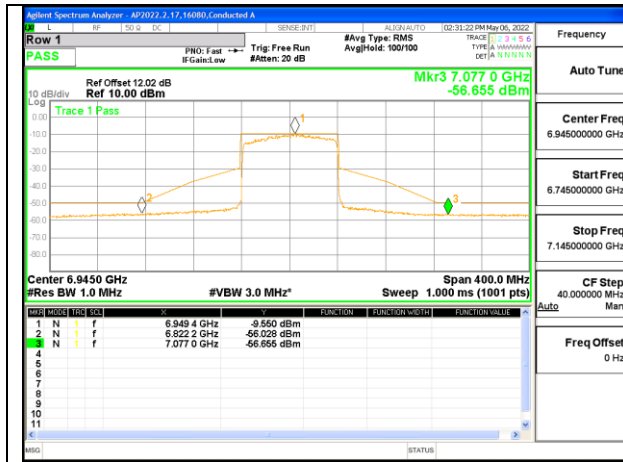
HIGH CHANNEL Antenna 1



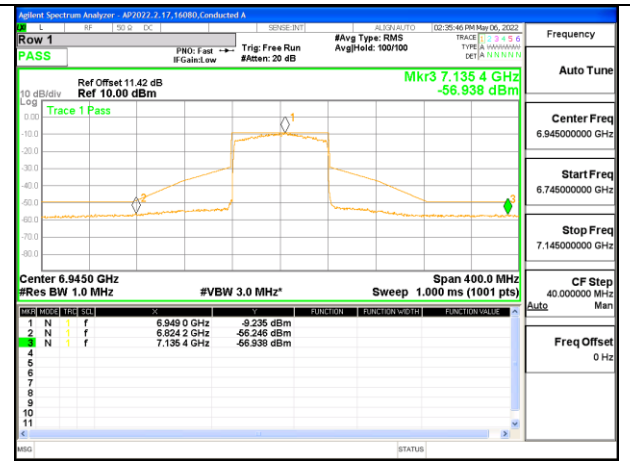
HIGH CHANNEL Antenna 4

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

LOW CHANNEL

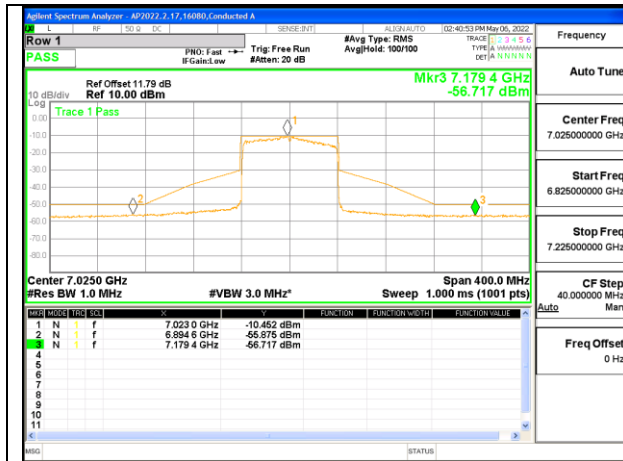


LOW CHANNEL Antenna 1

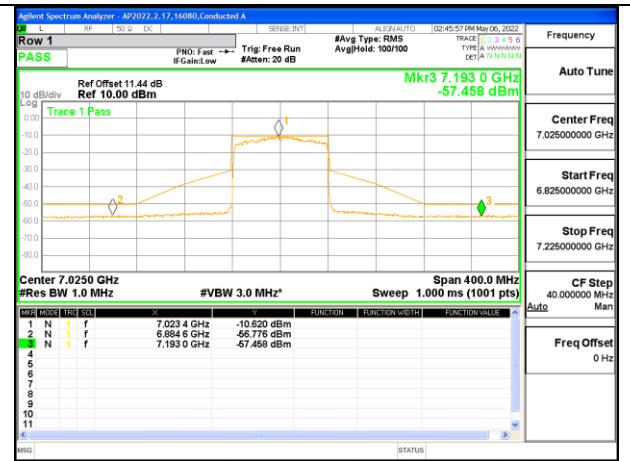


LOW CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 1



HIGH CHANNEL Antenna 4

10. RADIATED TEST RESULTS

LIMITS

FCC §15.35(b)
FCC §15.205 Restrict bands
§15.209 and FCC §15.407(b)(6) -Un-Restricted bands

RSS 248 Issue 1 section 4.7.2a

Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27dBm/MHz rms and -7dBm/MHz Peak.

General field strength limits at frequencies above 30 MHz;

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 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 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

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 highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 6 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.

2D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.

Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

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.

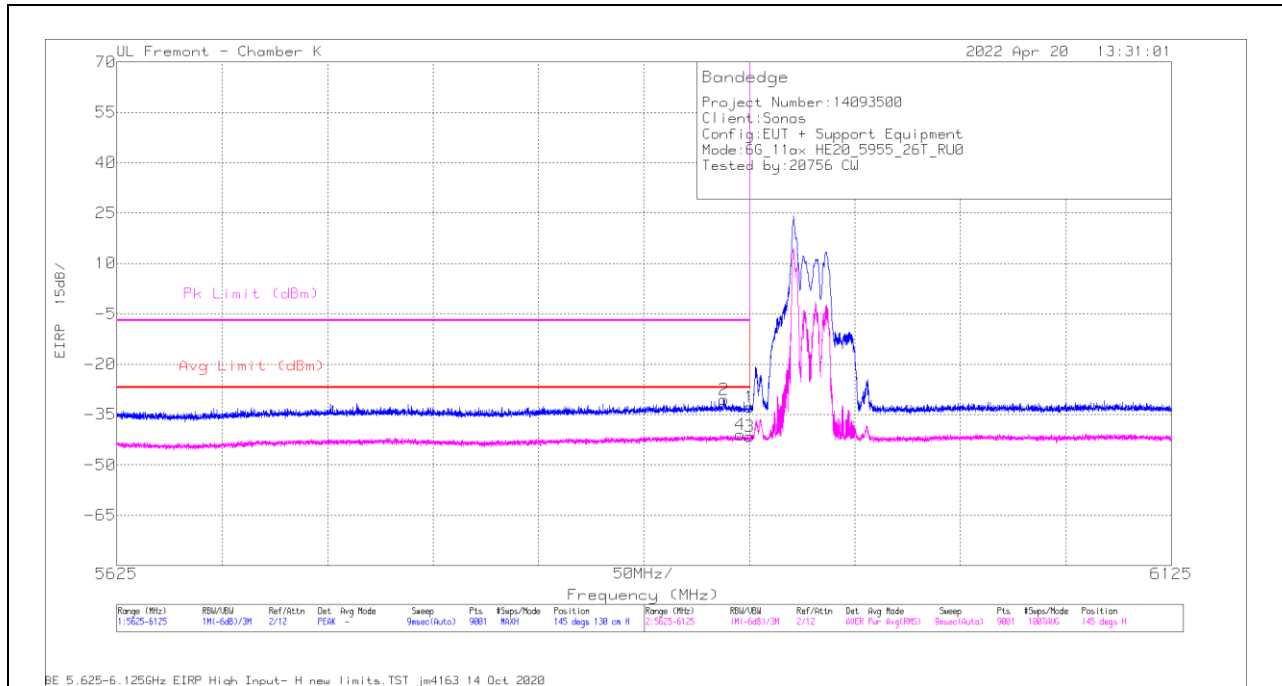
10.1. TRANSMITTER OUTSIDE 5.925-7.125 GHz , 1- 18GHz

10.1.1. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-5 BAND

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

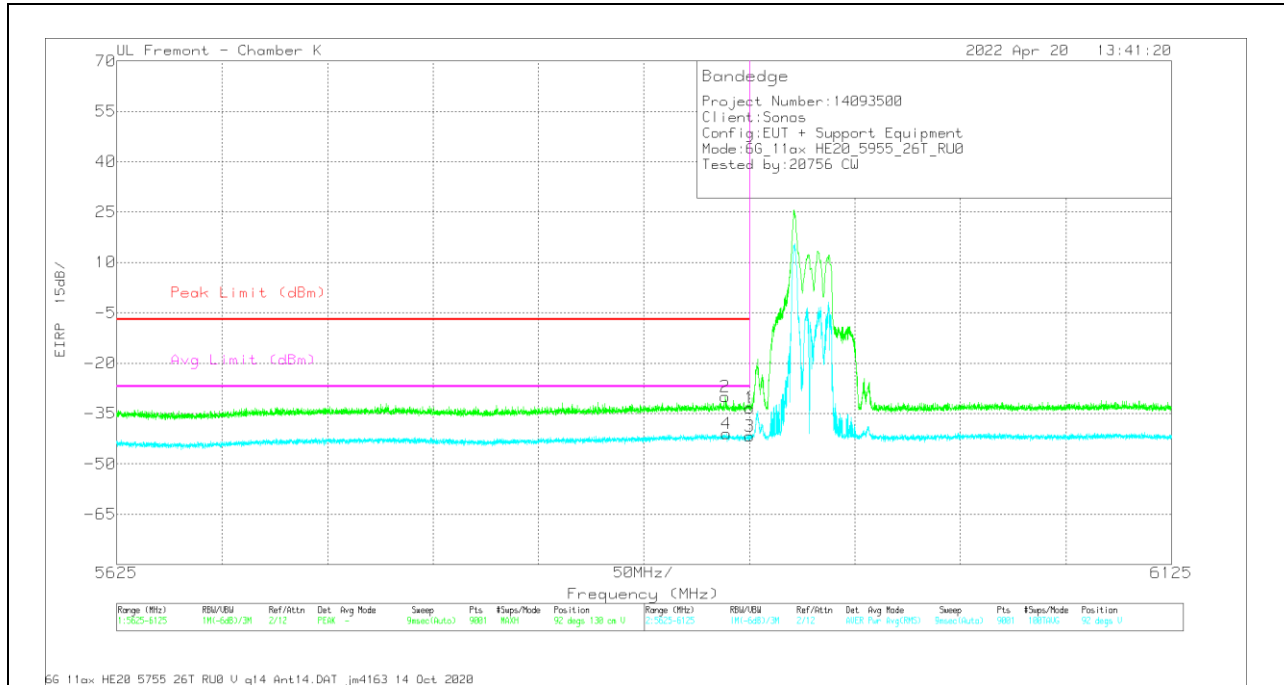


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-74.03	Pk	35.3	-5.8	11.8	0	-32.73	-	-	-7	-25.73	145	130	H
2	5912.947	-71.66	Pk	35.2	-5.8	11.8	0	-30.46	-	-	-7	-23.46	145	130	H
3	5925	-84.95	RMS	35.3	-5.8	11.8	2.02	-41.63	-27	-14.63	-	-	145	130	H
4	5920.725	-84.28	RMS	35.2	-5.7	11.8	2.02	-40.96	-27	-13.96	-	-	145	130	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



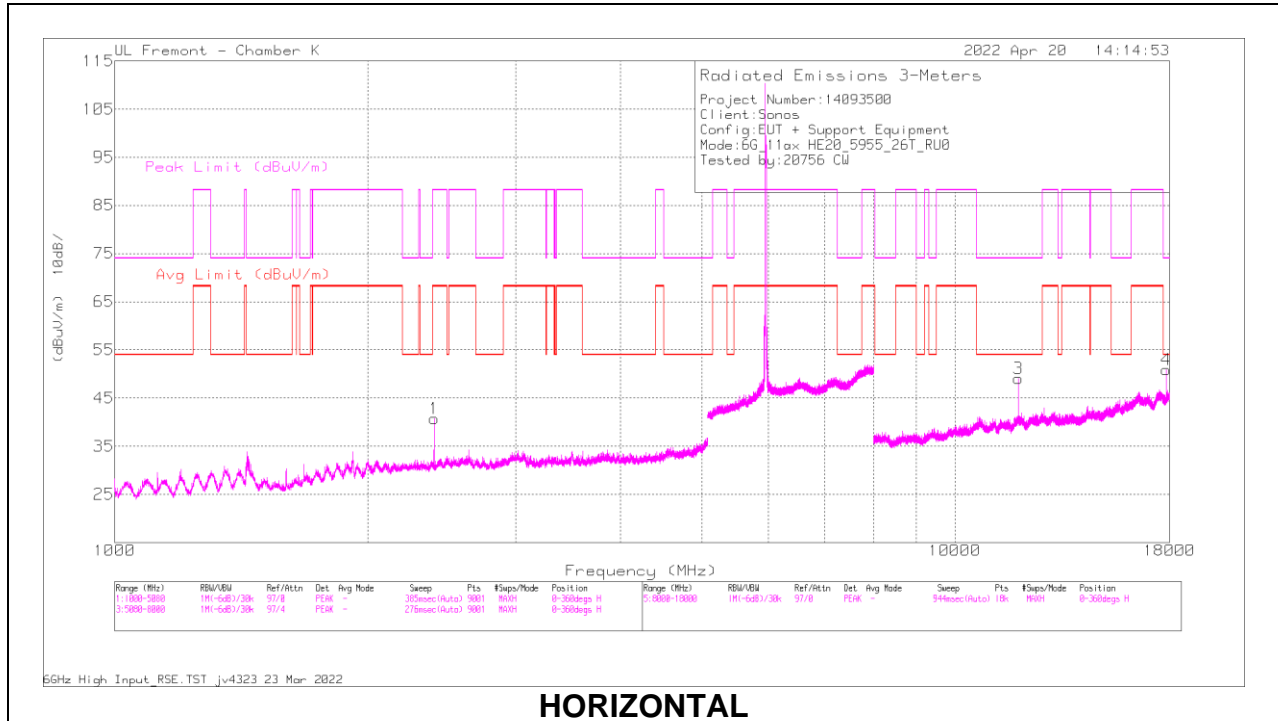
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-74.7	PK	35.3	-5.8	11.8	0	-33.4	-7	-26.4	-	-	92	130	V
2	5913.613	-71.45	PK	35.3	-5.7	11.8	0	-30.05	-7	-23.05	-	-	92	130	V
3	5925	-85.13	RMS	35.3	-5.8	11.8	2.02	-41.81	-	-	-27	-14.81	92	130	V
4	5914.002	-84.36	RMS	35.3	-5.7	11.8	2.02	-40.94	-	-	-27	-13.94	92	130	V

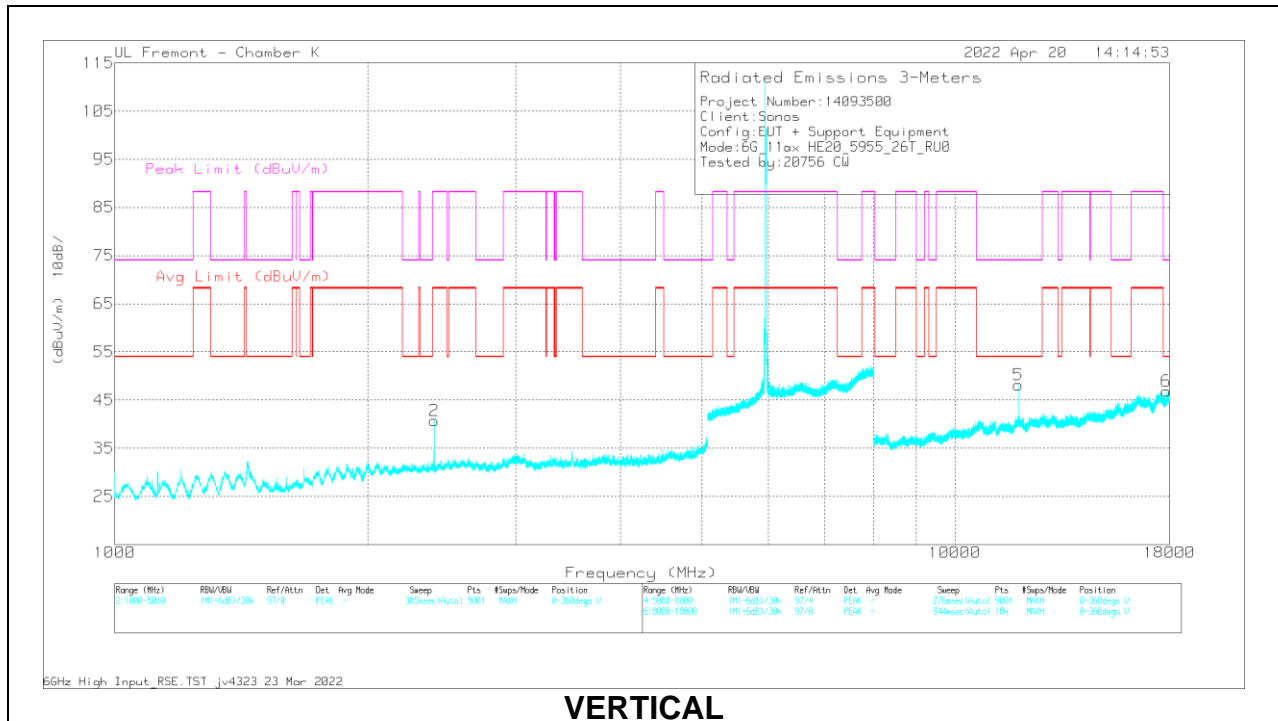
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2400.232	68.26	PK-U	32	-44.2	0	56.06	-	-	88.2	-32.14	28	122	H
	2400.033	44.2	ADR	32	-44.2	2.02	34.02	68.2	-34.18	-	-	28	122	H
2	2399.82	60.65	PK-U	32	-44.2	0	48.45	-	-	88.2	-39.75	191	203	V
	2400.069	50.79	ADR	32	-44.2	2.02	40.61	68.2	-27.59	-	-	191	203	V
3	* 11892.36	61.67	PK-U	38.7	-33.7	0	66.67	-	-	74	-7.33	68	225	H
	* 11892.476	44.65	ADR	38.7	-33.7	2.02	51.67	54	-2.33	-	-	68	225	H
4	* 17839.289	60.65	PK-U	41.8	-30.2	0	72.25	-	-	74	-1.75	360	129	H
	* 17839.482	38.69	ADR	41.8	-30.2	2.02	52.31	54	-1.69	-	-	360	129	H
5	* 11892.288	58.82	PK-U	38.7	-33.7	0	63.82	-	-	74	-10.18	204	203	V
	* 11892.372	42.19	ADR	38.7	-33.7	2.02	49.21	54	-4.79	-	-	204	203	V
6	* 17839.09	53.66	PK-U	41.8	-30.2	0	65.26	-	-	74	-8.74	12	376	V
	* 17838.86	33.05	ADR	41.8	-30.2	2.02	46.67	54	-7.33	-	-	12	376	V

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

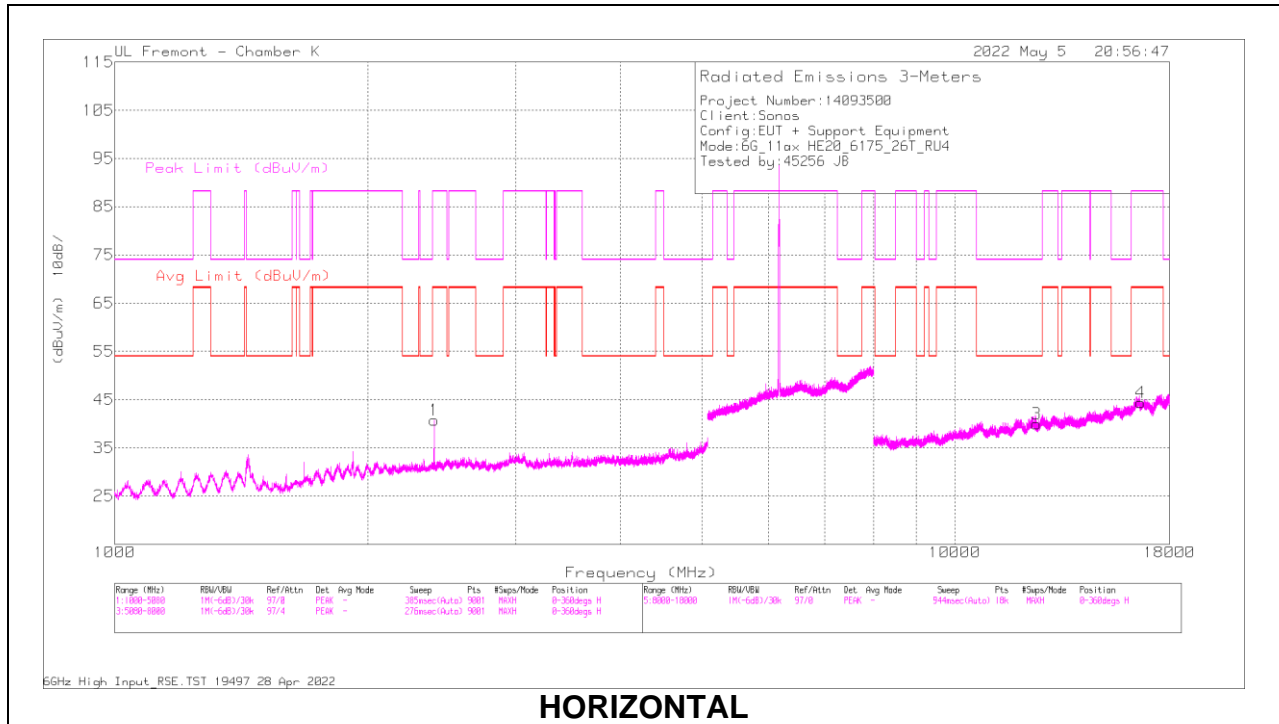
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

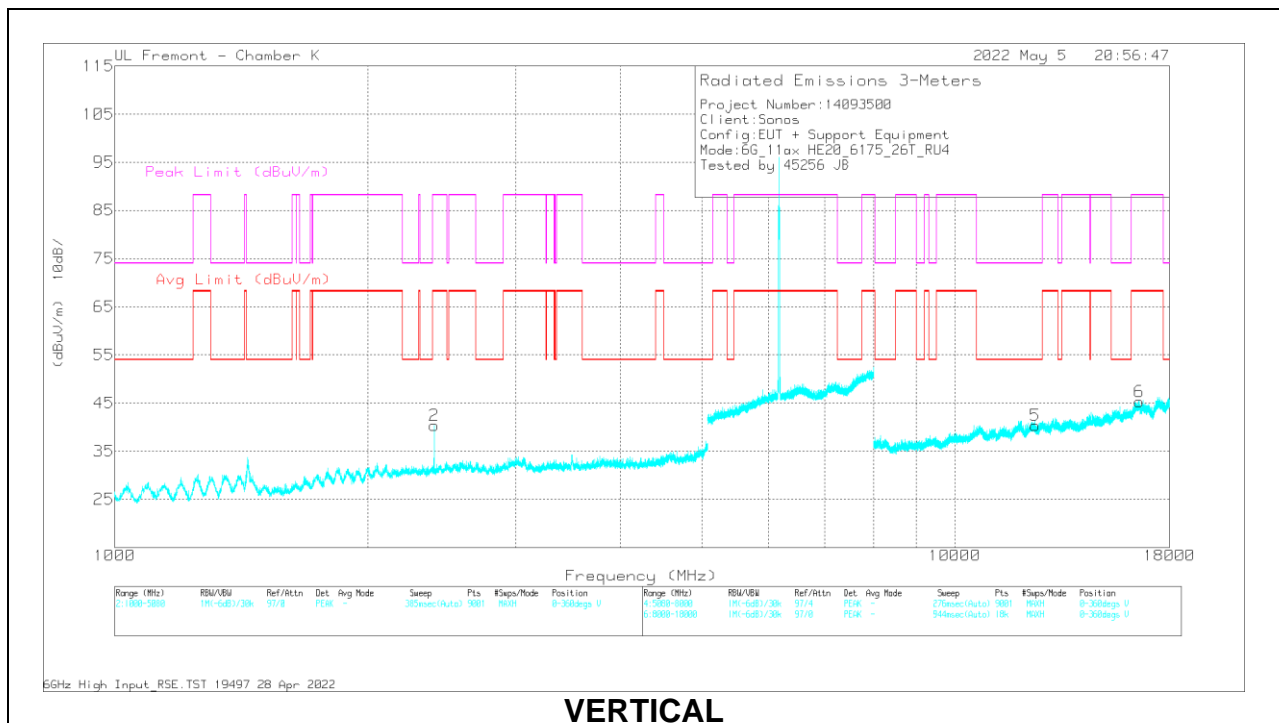
2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 4

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2399.98	61.33	PK-U	32	-44.2	0	49.13	-	-	88.2	-39.07	143	221	H
	2400.061	47.03	ADR	32	-44.2	2.02	36.85	68.2	-31.35	-	-	143	221	H
2	2400.3	56.33	PK-U	32	-44.2	0	44.13	-	-	88.2	-44.07	203	105	V
	2400.053	50.83	ADR	32	-44.2	2.02	40.65	68.2	-27.55	-	-	203	105	V
3	* 12505.284	44.46	PK-U	39.1	-33.2	0	50.36	-	-	74	-23.64	136	256	H
	* 12504.696	32.36	ADR	39.1	-33.2	2.02	40.28	54	-13.72	-	-	136	256	H
4	16629.038	44.73	PK-U	41.8	-32	0	54.53	-	-	88.2	-33.67	313	323	H
	16629.797	34.47	ADR	41.8	-32	2.02	46.29	68.2	-21.91	-	-	313	323	H
5	* 12462.76	43.99	PK-U	39.1	-33.2	0	49.89	-	-	74	-24.11	211	391	V
	* 12461.801	32.47	ADR	39.1	-33.2	2.02	40.39	54	-13.61	-	-	211	391	V
6	16576.894	44.89	PK-U	41.8	-31.9	0	54.79	-	-	88.2	-33.41	71	195	V
	16574.62	34.15	ADR	41.8	-31.9	2.02	46.07	68.2	-22.13	-	-	71	195	V

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

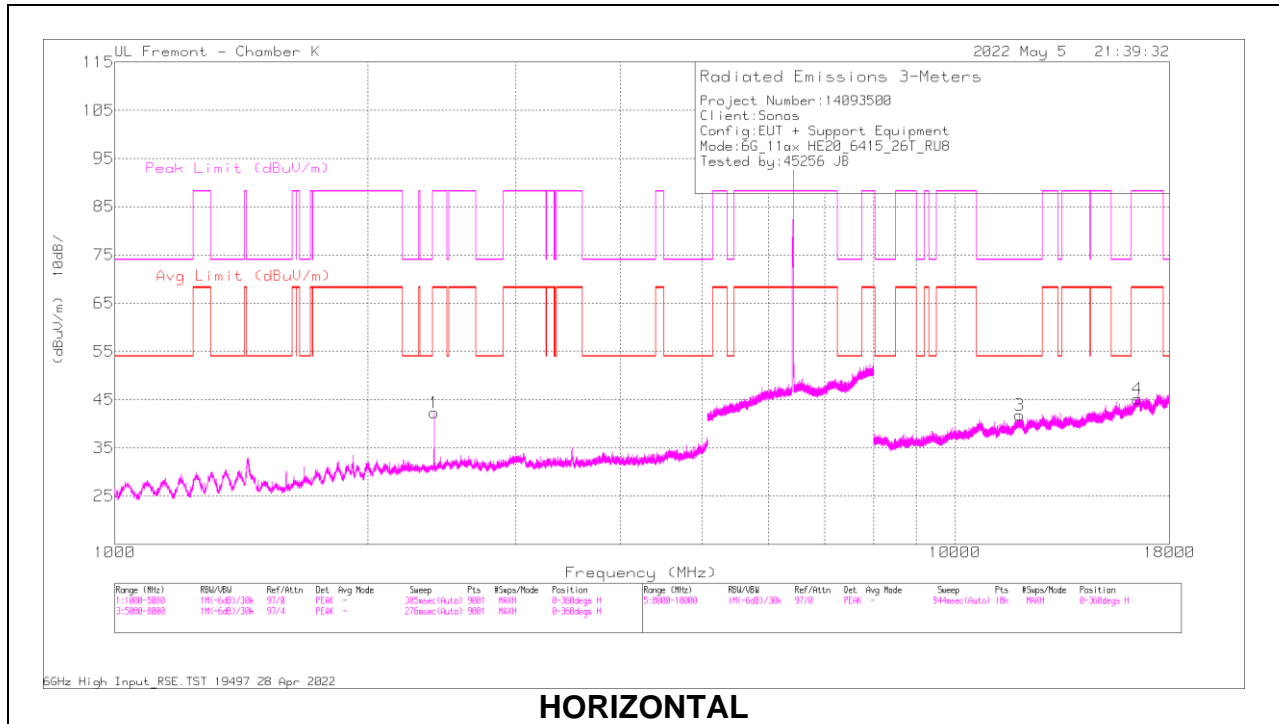
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

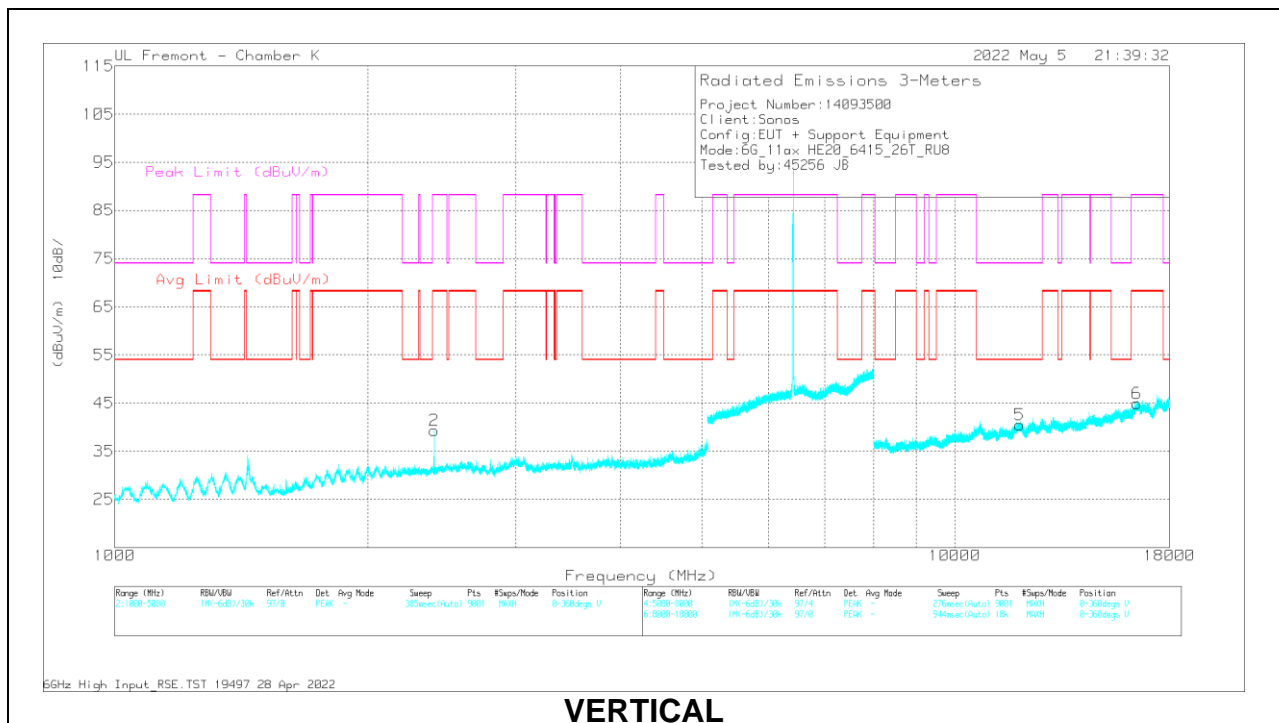
2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2399.864	61.17	PK-U	32	-44.2	0	48.97	-	-	88.2	-39.23	149	227	H
	2400.03	50.19	ADR	32	-44.2	2.02	40.01	68.2	-28.19	-	-	149	227	H
2	2399.693	59.86	PK-U	32	-44.2	0	47.66	-	-	88.2	-40.54	200	176	V
	2399.993	49.33	ADR	32	-44.2	2.02	39.15	68.2	-29.05	-	-	200	176	V
3	* 11945.866	44.85	PK-U	38.7	-33.4	0	50.15	-	-	74	-23.85	248	179	H
	* 11945.726	32.93	ADR	38.7	-33.4	2.02	40.25	54	-13.75	-	-	248	179	H
4	16495.668	-44.6	PK-U	41.7	-31.9	0	54.4	-	-	88.2	-33.8	109	332	H
	16493.282	34.05	ADR	41.6	-31.9	2.02	45.77	68.2	-22.43	-	-	109	332	H
5	* 11936.91	44.65	PK-U	38.7	-33.6	0	49.75	-	-	74	-24.25	225	229	V
	* 11934.76	33.14	ADR	38.7	-33.6	2.02	40.26	54	-13.74	-	-	225	229	V
6	16462.576	44.49	PK-U	41.6	-32.1	0	53.99	-	-	88.2	-34.21	94	257	V
	16461.031	34.12	ADR	41.6	-32.1	2.02	45.64	68.2	-22.56	-	-	94	257	V

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

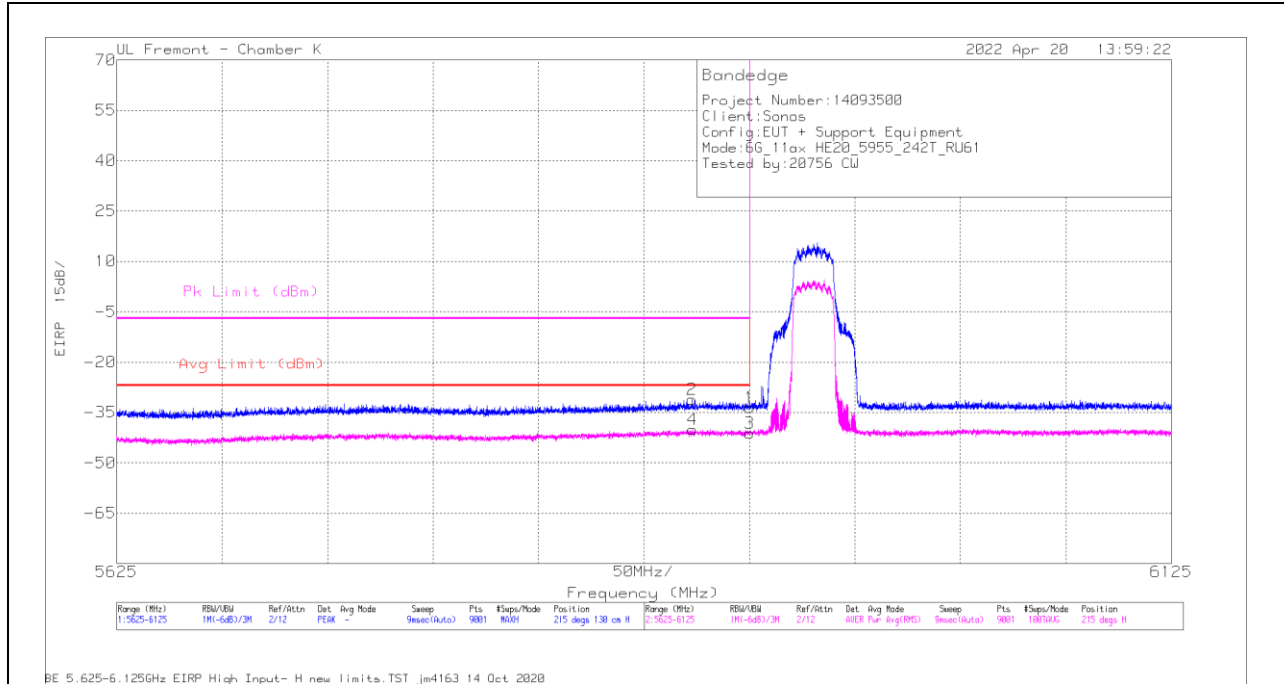
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

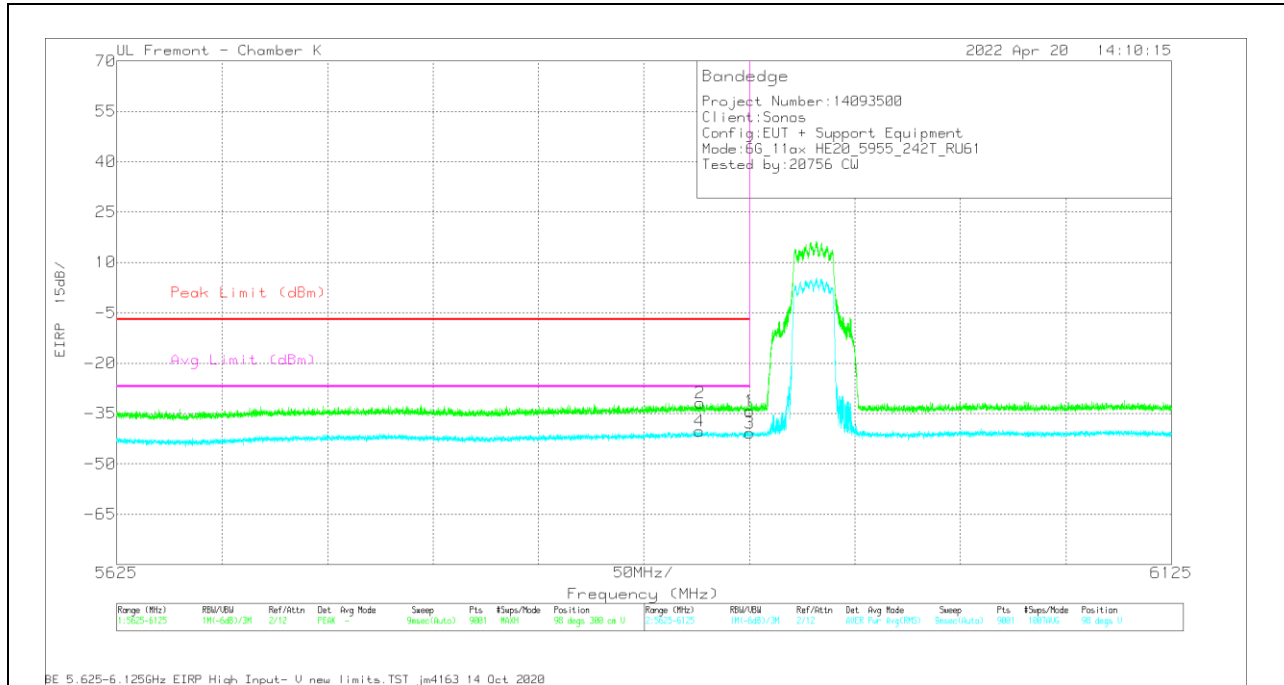


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-74.85	Pk	35.3	-5.8	11.8	0	-33.55	-	-	-7	-26.55	215	130	H
2	5897.78	-72.36	Pk	35.2	-5.8	11.8	0	-31.16	-	-	-7	-24.16	215	130	H
3	5925	-85.37	RMS	35.3	-5.8	11.8	2.92	-41.15	-27	-14.15	-	-	215	130	H
4	5898.058	-84.24	RMS	35.2	-5.8	11.8	2.92	-40.12	-27	-13.12	-	-	215	130	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



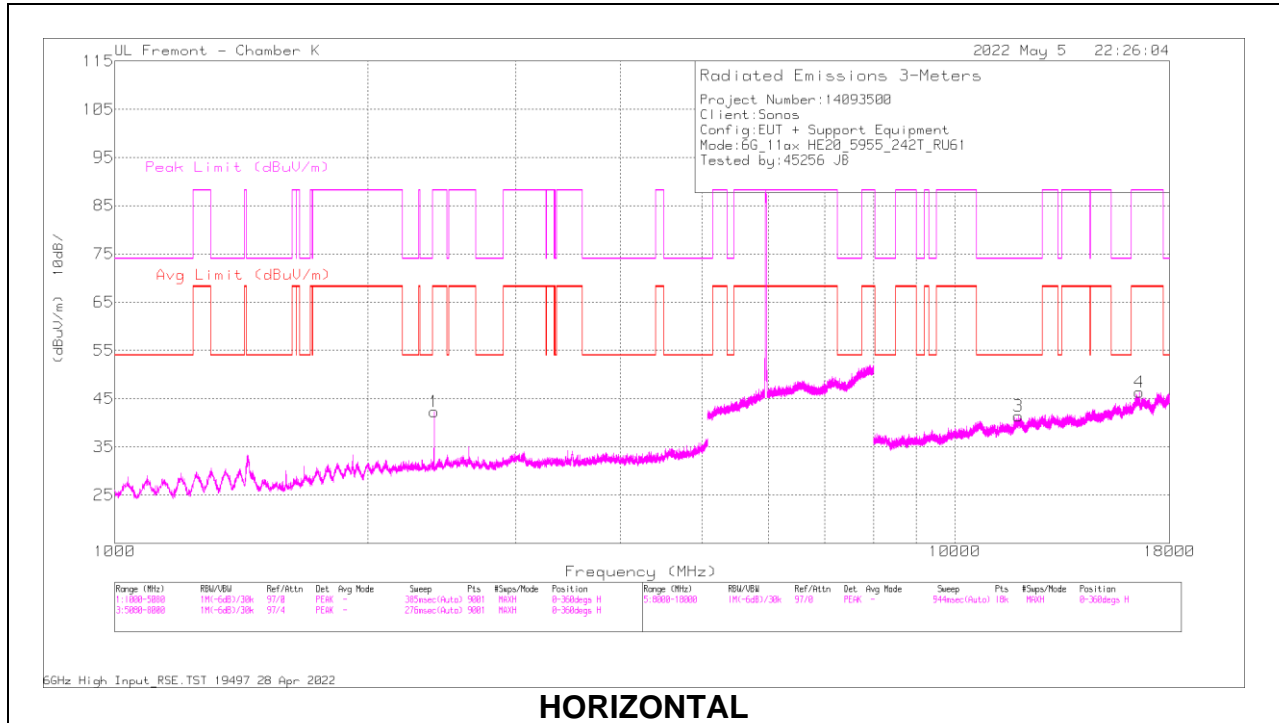
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-75.52	PK	35.3	-5.8	11.8	0	-34.22	-7	-27.22	-	-	98	300	V
2	5901.724	-73.08	PK	35.2	-5.8	11.8	0	-31.88	-7	-24.88	-	-	98	300	V
3	5925	-84.96	RMS	35.3	-5.8	11.8	2.92	-40.74	-	-	-27	-13.74	98	300	V
4	5901.391	-84.35	RMS	35.2	-5.8	11.8	2.92	-40.23	-	-	-27	-13.23	98	300	V

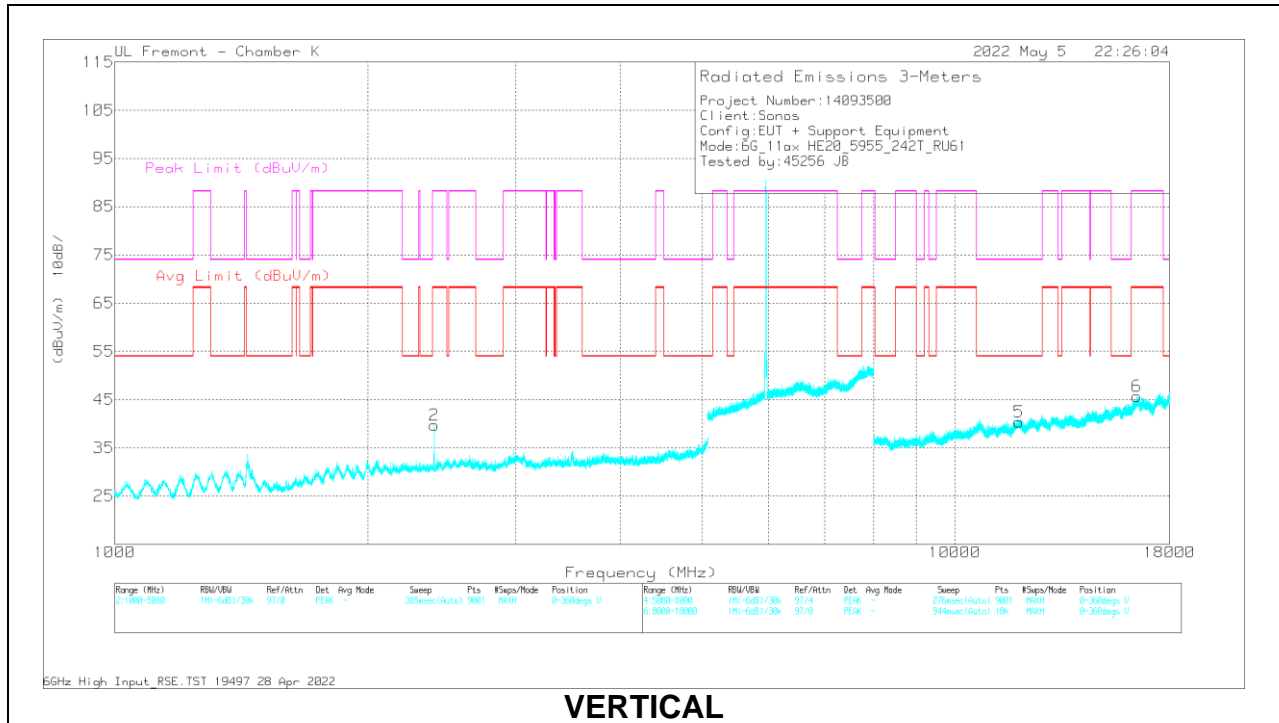
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

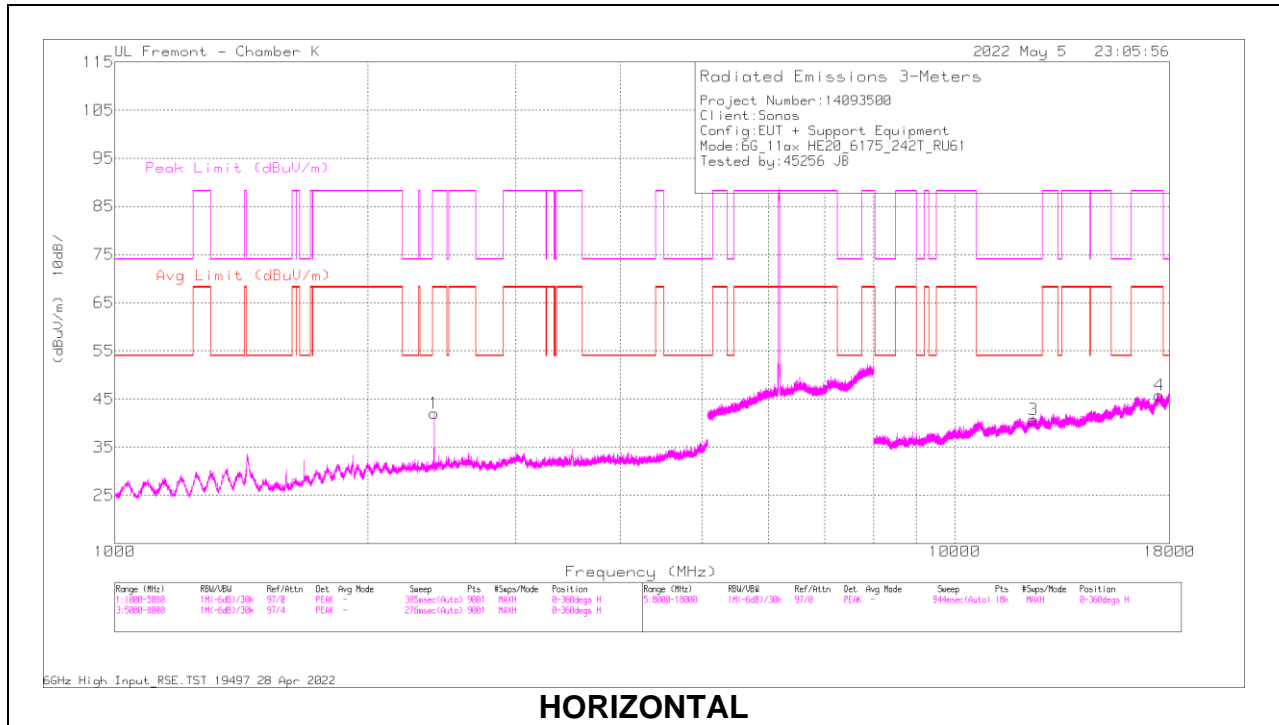
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2399.824	68.4	PK-U	32	-44.2	0	56.2	-	-	88.2	-32	146	228	H
	2400.094	46.99	ADR	32	-44.2	2.92	37.71	68.2	-30.49	-	-	146	228	H
2	2400.112	57.24	PK-U	32	-44.2	0	45.04	-	-	88.2	-43.16	4	174	V
	2400.077	50.67	ADR	32	-44.2	2.92	41.39	68.2	-26.81	-	-	4	174	V
3	* 11904.062	45.05	PK-U	38.7	-33.7	0	50.05	-	-	74	-23.95	272	203	H
	* 11905.924	33.32	ADR	38.7	-33.7	2.92	41.24	54	-12.76	-	-	272	203	H
4	16567.894	44.57	PK-U	41.7	-31.8	0	54.47	-	-	88.2	-33.73	173	344	H
	16564.657	34.06	ADR	41.7	-31.7	2.92	46.98	68.2	-21.22	-	-	173	344	H
5	* 11921.207	45.27	PK-U	38.7	-33.7	0	50.27	-	-	74	-23.73	251	313	V
	* 11921.071	33.26	ADR	38.7	-33.7	2.92	41.18	54	-12.82	-	-	251	313	V
6	16459.347	44.93	PK-U	41.6	-32	0	54.53	-	-	88.2	-33.67	302	363	V
	16459.344	34.14	ADR	41.6	-32	2.92	46.66	68.2	-21.54	-	-	302	363	V

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

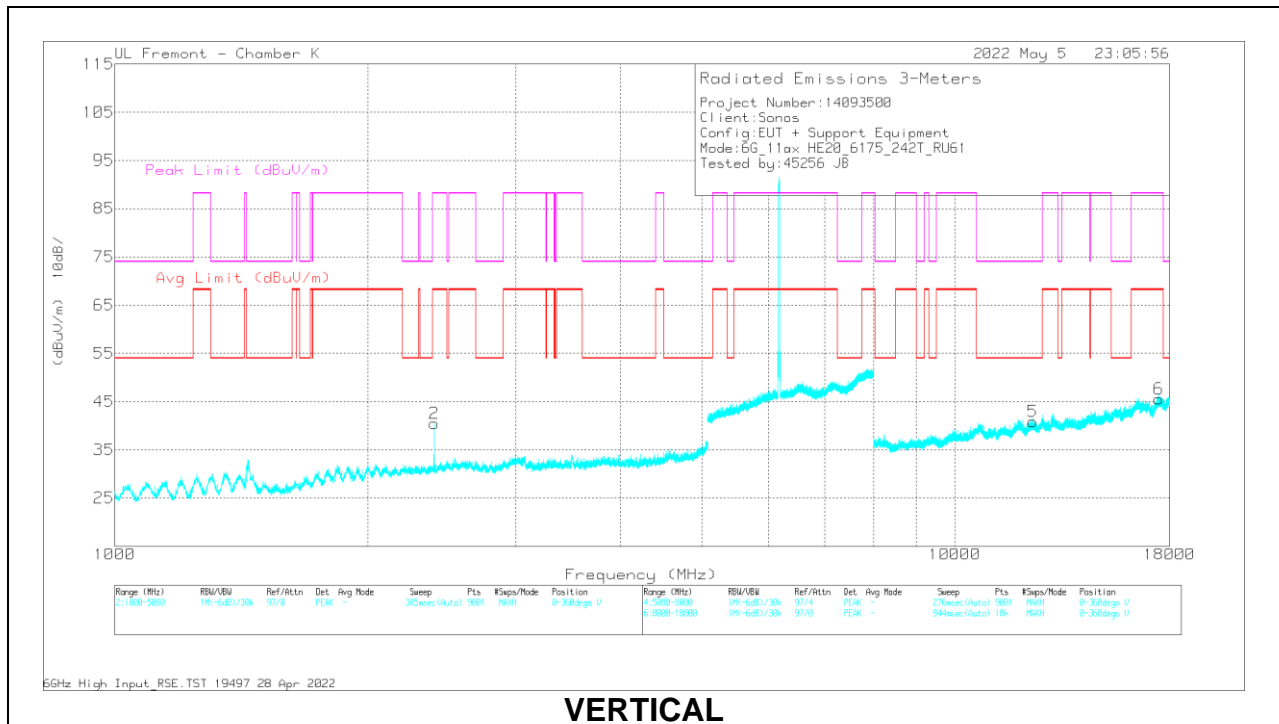
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

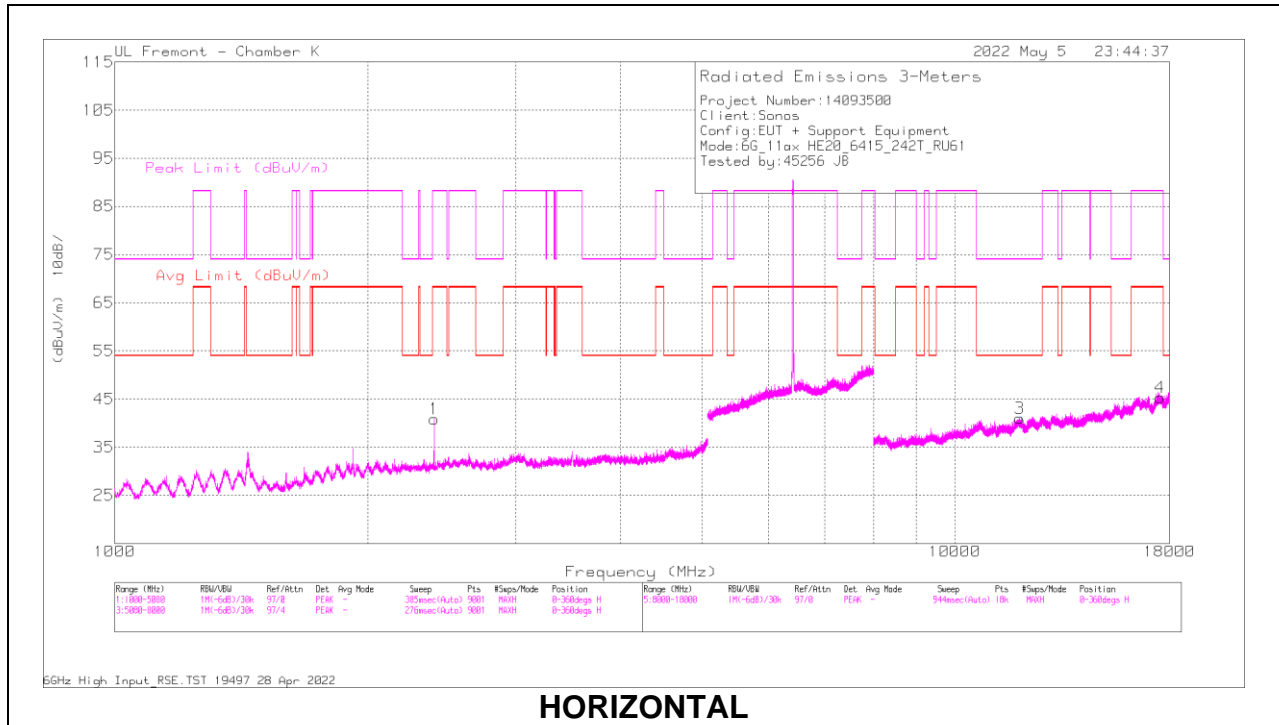
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2399.96	62.58	PK-U	32	-44.2	0	50.38	-	-	88.2	-37.82	148	260	H
	2400.003	50.15	ADR	32	-44.2	2.92	40.87	68.2	-27.33	-	-	148	260	H
2	2400.096	60.73	PK-U	32	-44.2	0	48.53	-	-	88.2	-39.67	200	177	V
	2400.073	49.16	ADR	32	-44.2	2.92	39.88	68.2	-28.32	-	-	200	177	V
3	* 12391.289	44.13	PK-U	39.1	-33.2	0	50.03	-	-	74	-23.97	244	188	H
	* 12393.299	32.68	ADR	39.1	-33.2	2.92	41.5	54	-12.5	-	-	244	188	H
4	17517.518	44.37	PK-U	41.5	-30.1	0	55.77	-	-	88.2	-32.43	166	386	H
	17520.103	32.95	ADR	41.5	-30.2	2.92	47.17	68.2	-21.03	-	-	166	386	H
5	* 12378.592	44.61	PK-U	39.1	-33.3	0	50.41	-	-	74	-23.59	140	184	V
	* 12378.528	32.77	ADR	39.1	-33.3	2.92	41.49	54	-12.51	-	-	140	184	V
6	17473.48	44	PK-U	41.5	-30.2	0	55.3	-	-	88.2	-32.9	235	145	V
	17472.232	32.82	ADR	41.5	-30.2	2.92	47.04	68.2	-21.16	-	-	235	145	V

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

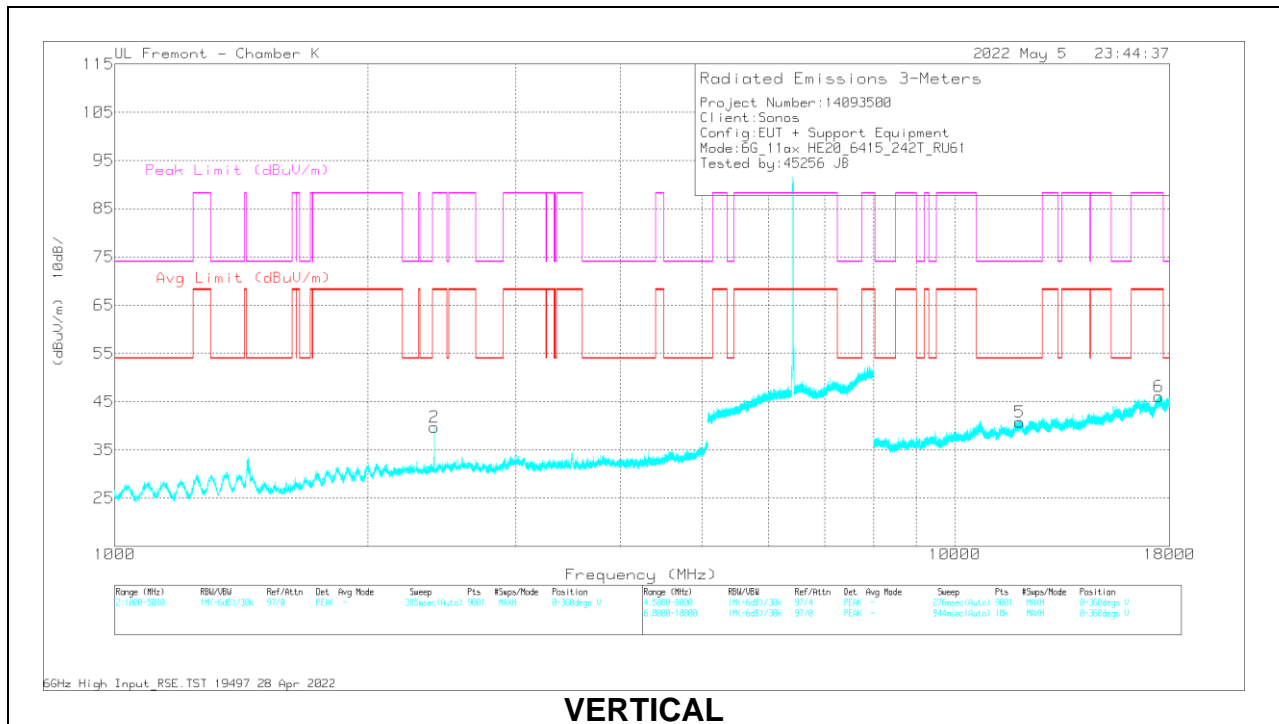
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2400.144	61.91	PK-U	32	-44.2	0	49.71	-	-	88.2	-38.49	189	294	H
	2400.038	50.02	ADR	32	-44.2	2.92	40.74	68.2	-27.46	-	-	189	294	H
2	2400.08	65.82	PK-U	32	-44.2	0	53.62	-	-	88.2	-34.58	137	294	V
	2400.075	49.45	ADR	32	-44.2	2.92	40.17	68.2	-28.03	-	-	137	294	V
3	* 11948.684	45.04	PK-U	38.7	-33.4	0	50.34	-	-	74	-23.66	207	170	H
	* 11947.92	32.81	ADR	38.7	-33.4	2.92	41.03	54	-12.97	-	-	207	170	H
4	17546.354	43.12	PK-U	41.5	-30.3	0	54.32	-	-	88.2	-33.88	209	116	H
	17546.293	32.77	ADR	41.5	-30.3	2.92	46.89	68.2	-21.31	-	-	209	116	H
5	* 11943.228	44.92	PK-U	38.7	-33.4	0	50.22	-	-	74	-23.78	108	112	V
	* 11943.768	32.79	ADR	38.7	-33.4	2.92	41.01	54	-12.99	-	-	108	112	V
6	17476.429	43.12	PK-U	41.5	-30.2	0	54.42	-	-	88.2	-33.78	297	184	V
	17476.714	32.9	ADR	41.5	-30.2	2.92	47.12	68.2	-21.08	-	-	297	184	V

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

PK-U - U-NII: Maximum Peak

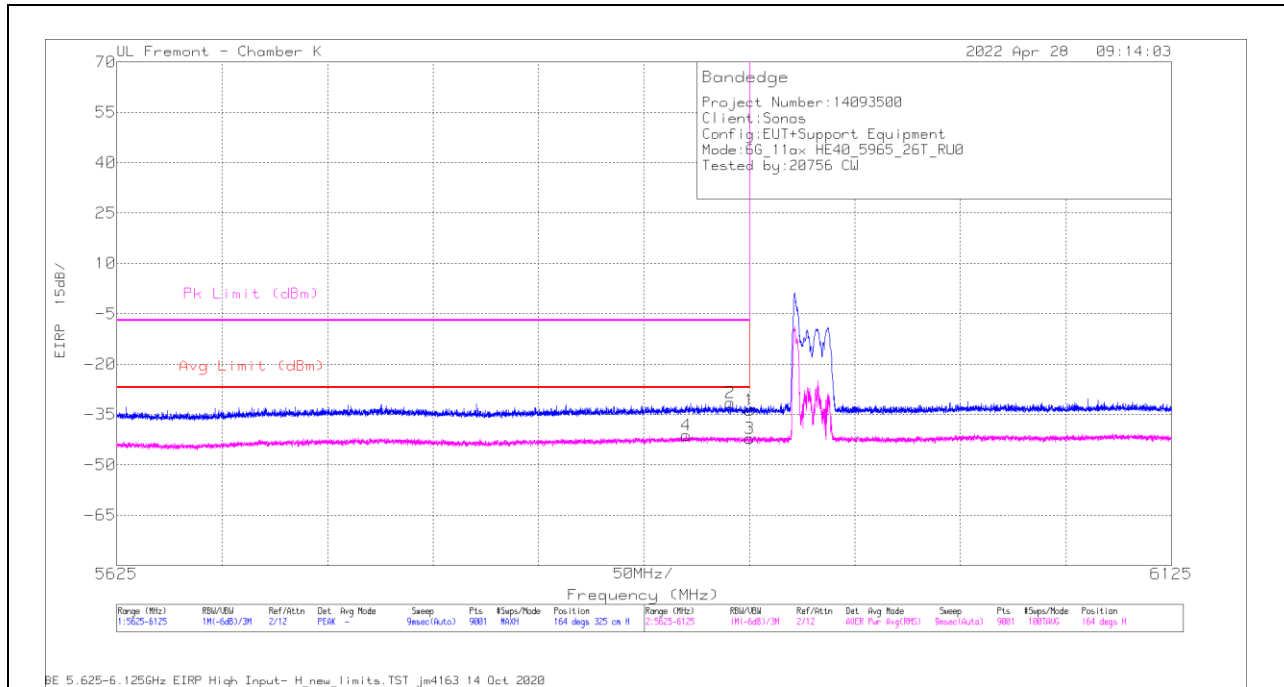
ADR - U-NII AD primary method, RMS average

10.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-5 BAND

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-75.08	Pk	35.3	-5.8	11.8	0	-33.78	-	-	-7	-26.78	164	325	H
2	5915.78	-72.83	Pk	35.3	-5.8	11.8	0	-31.53	-	-	-7	-24.53	164	325	H
3	5925	-85.46	RMS	35.3	-5.8	11.8	2.01	-42.15	-27	-15.15	-	-	164	325	H
4	5895.058	-84.43	RMS	35.2	-5.7	11.8	2.01	-41.12	-27	-14.12	-	-	164	325	H

Pk - Peak detector
 RMS - RMS detection