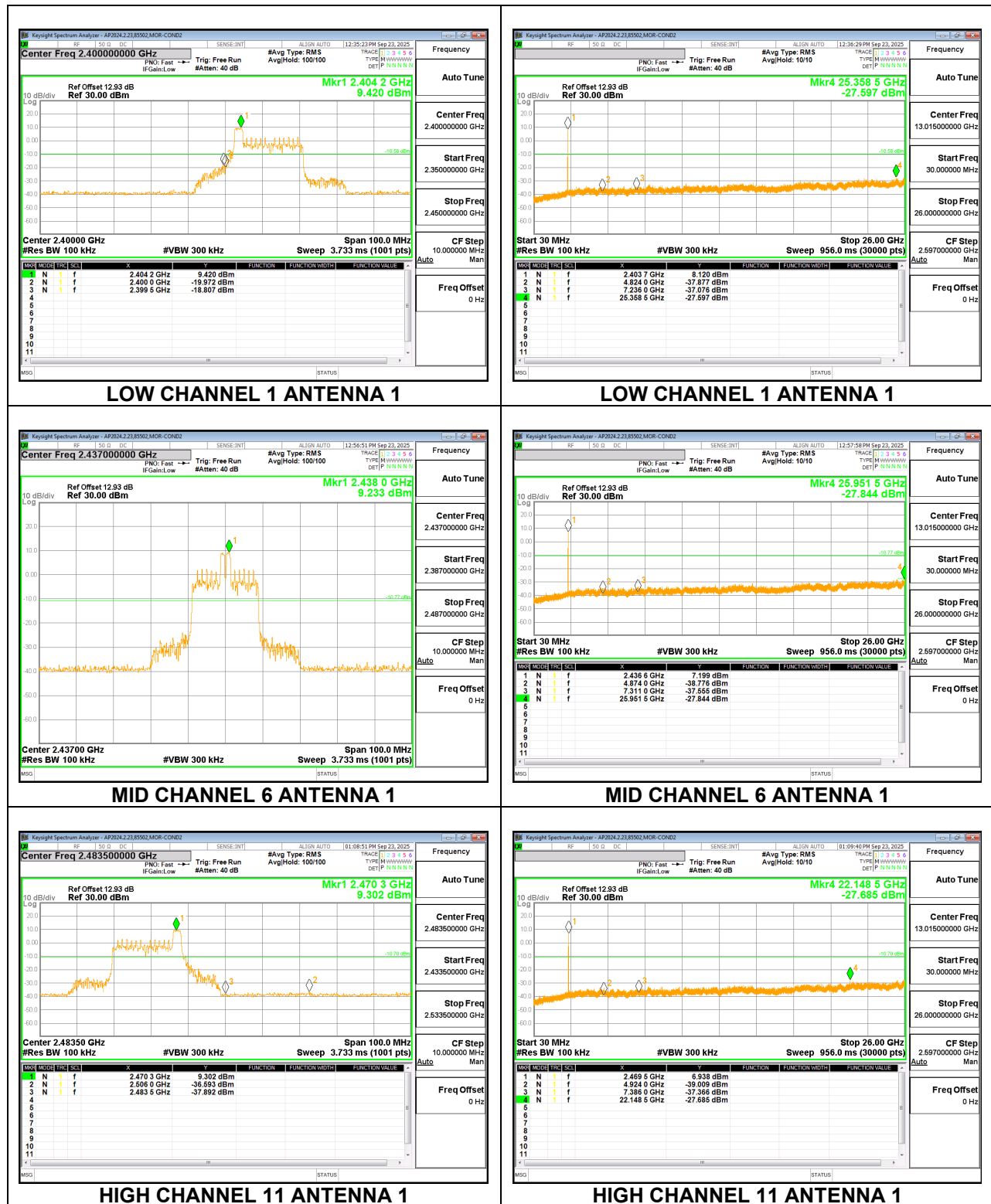
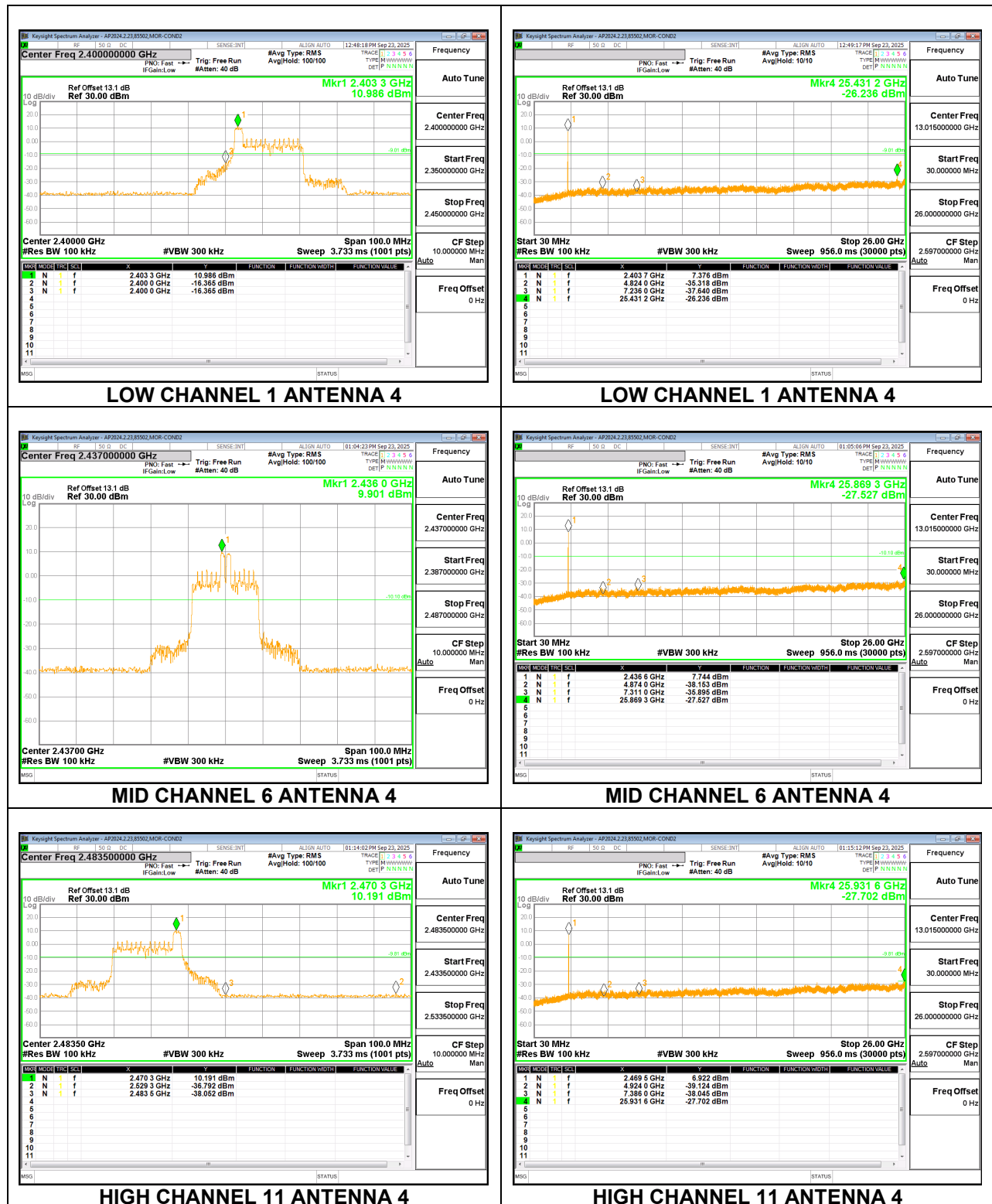


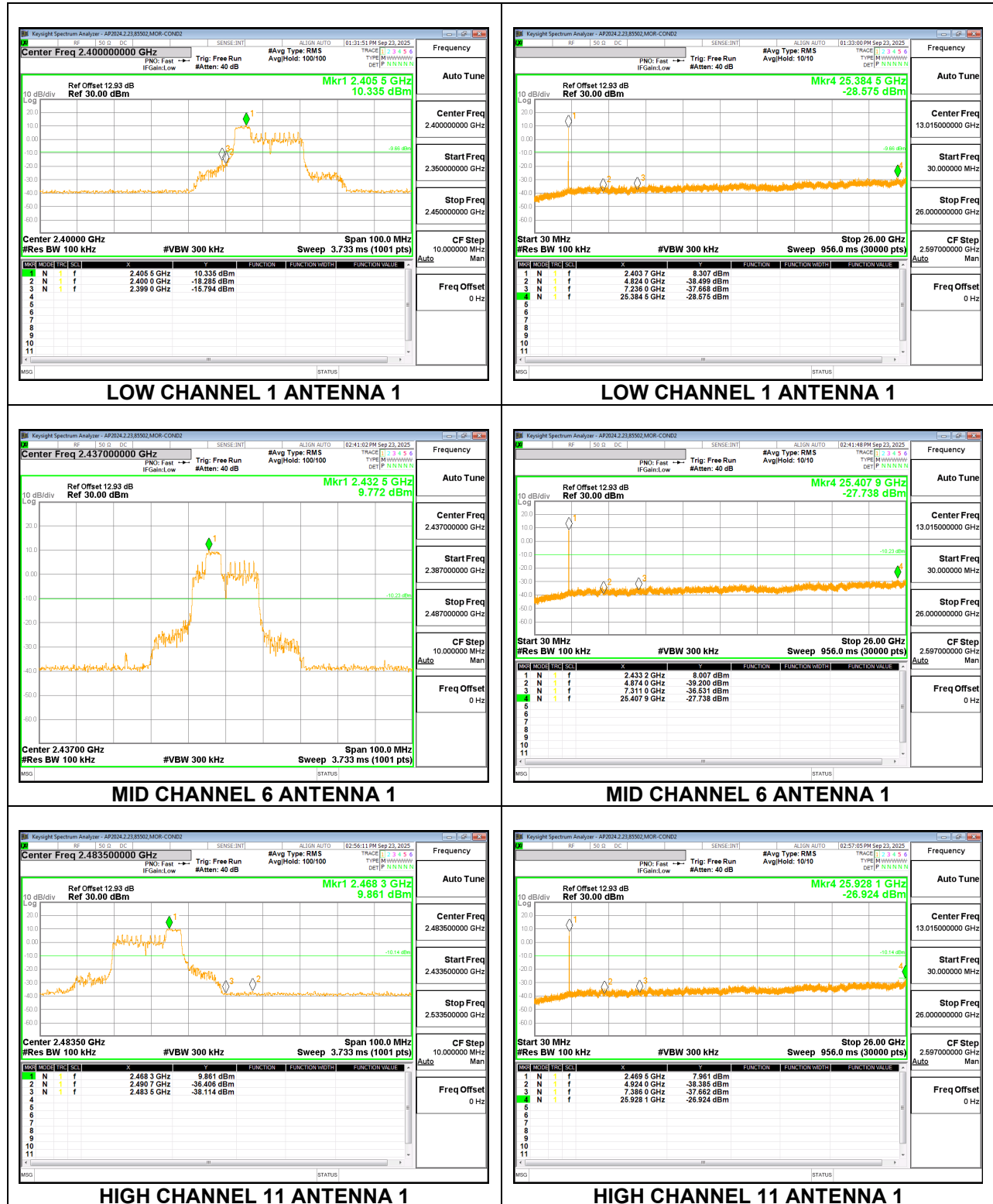
9.7.4. 802.11ax HE20 MODE 2TX

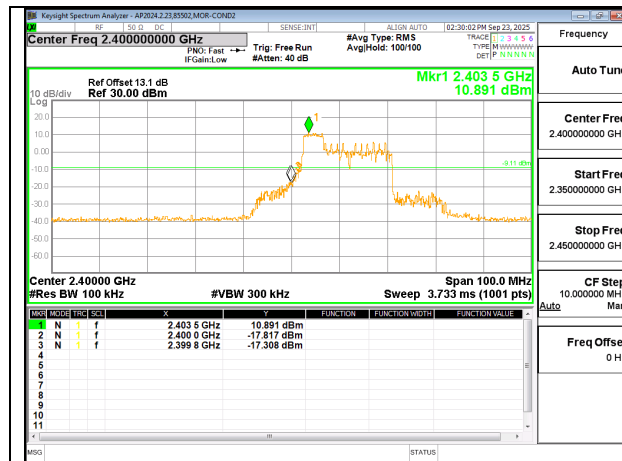
2TX ANTENNA 1 + ANTENNA 4 CDD MODE: 26T



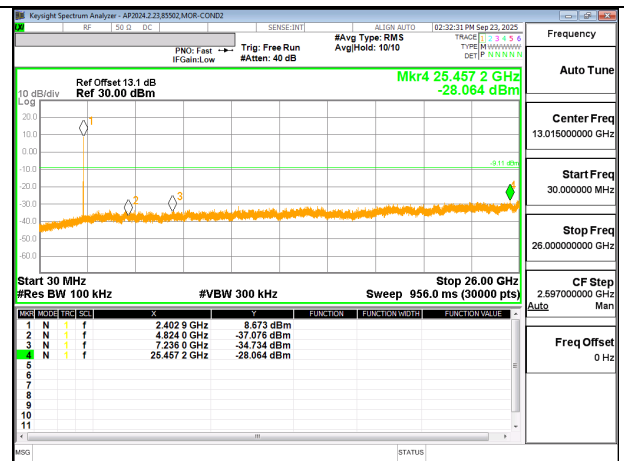


2TX ANTENNA 1 + ANTENNA 4 CDD MODE: 52T

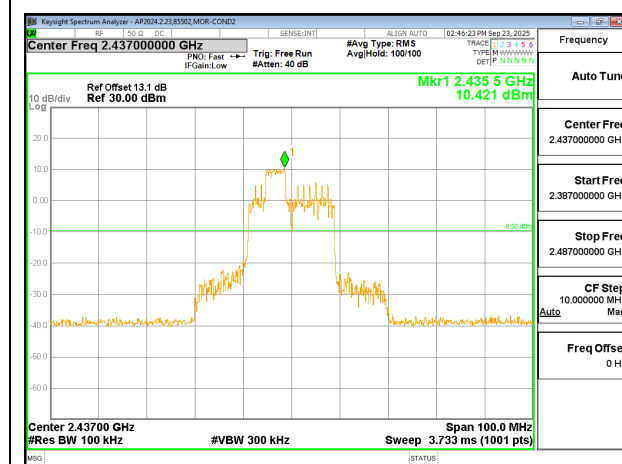




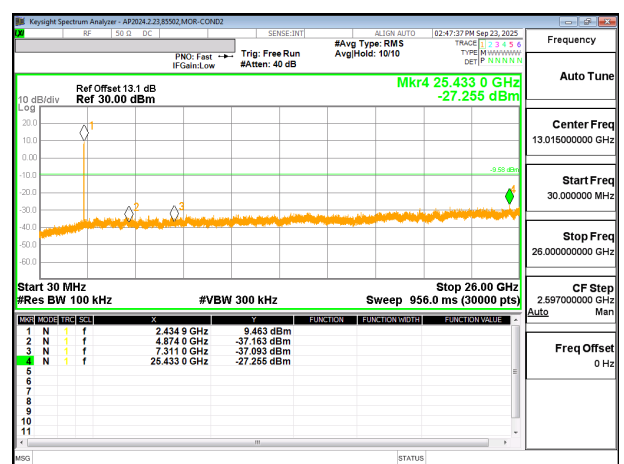
LOW CHANNEL 1 ANTENNA 4



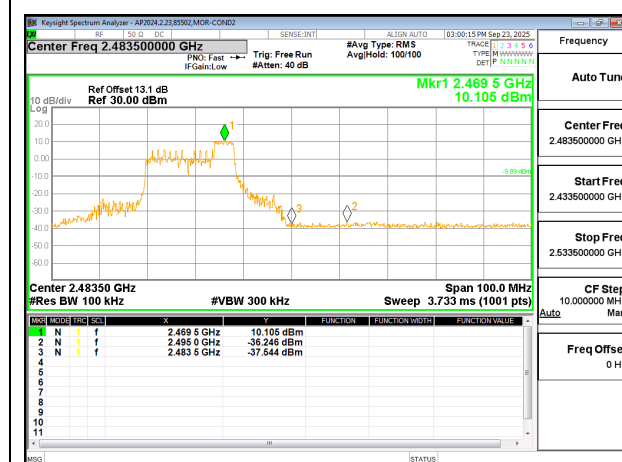
LOW CHANNEL 1 ANTENNA 4



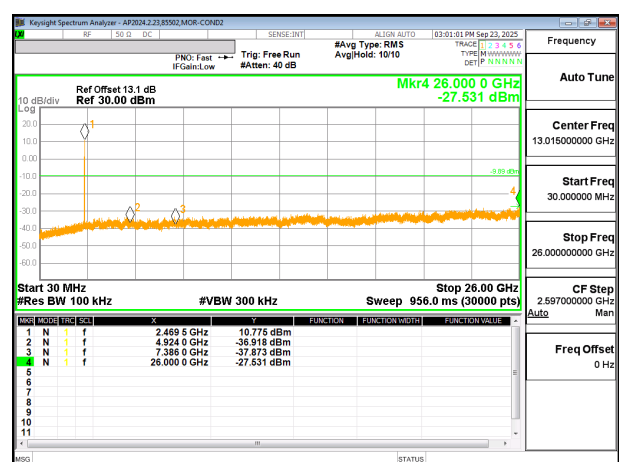
MID CHANNEL 6 ANTENNA 4



MID CHANNEL 6 ANTENNA 4

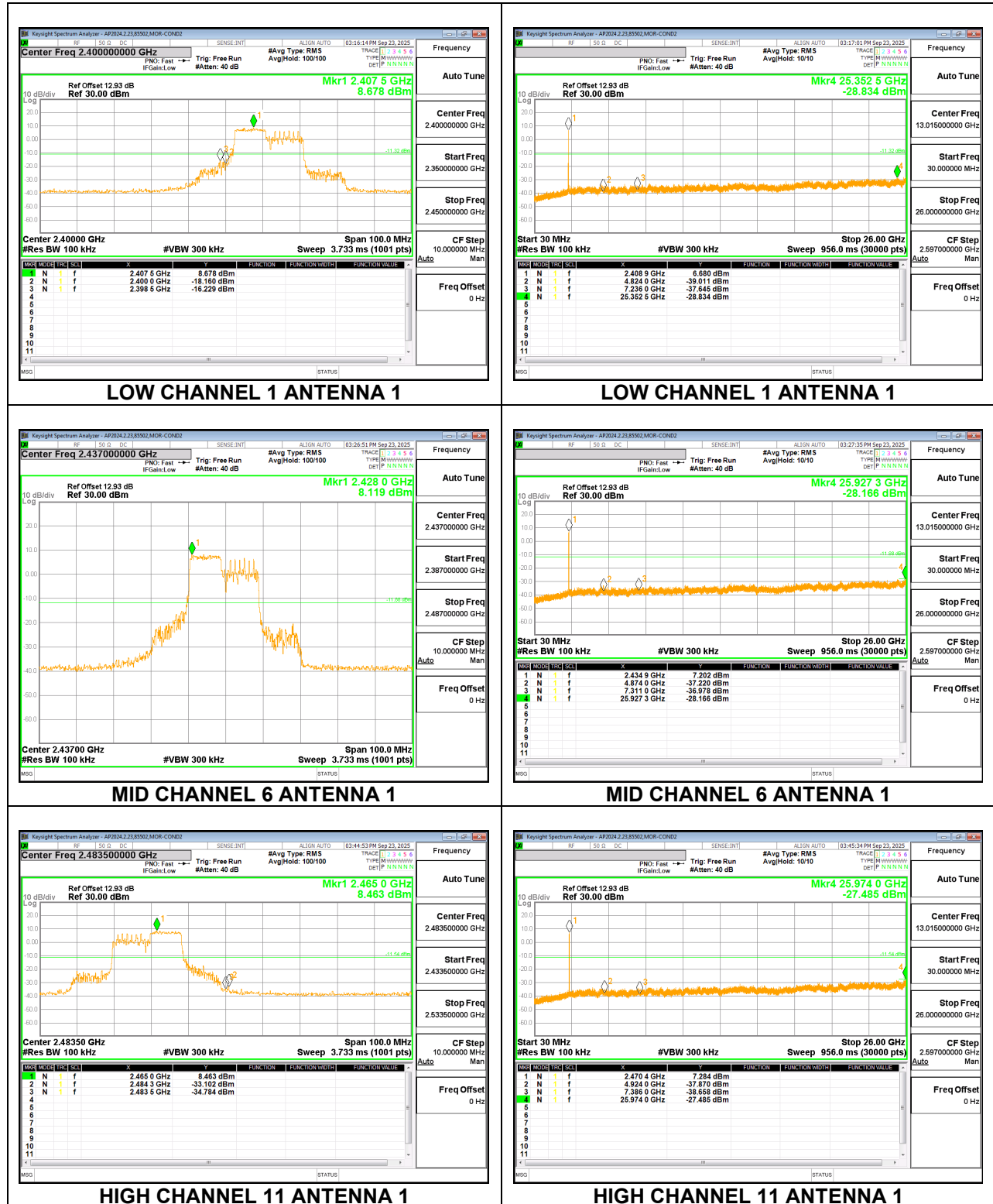


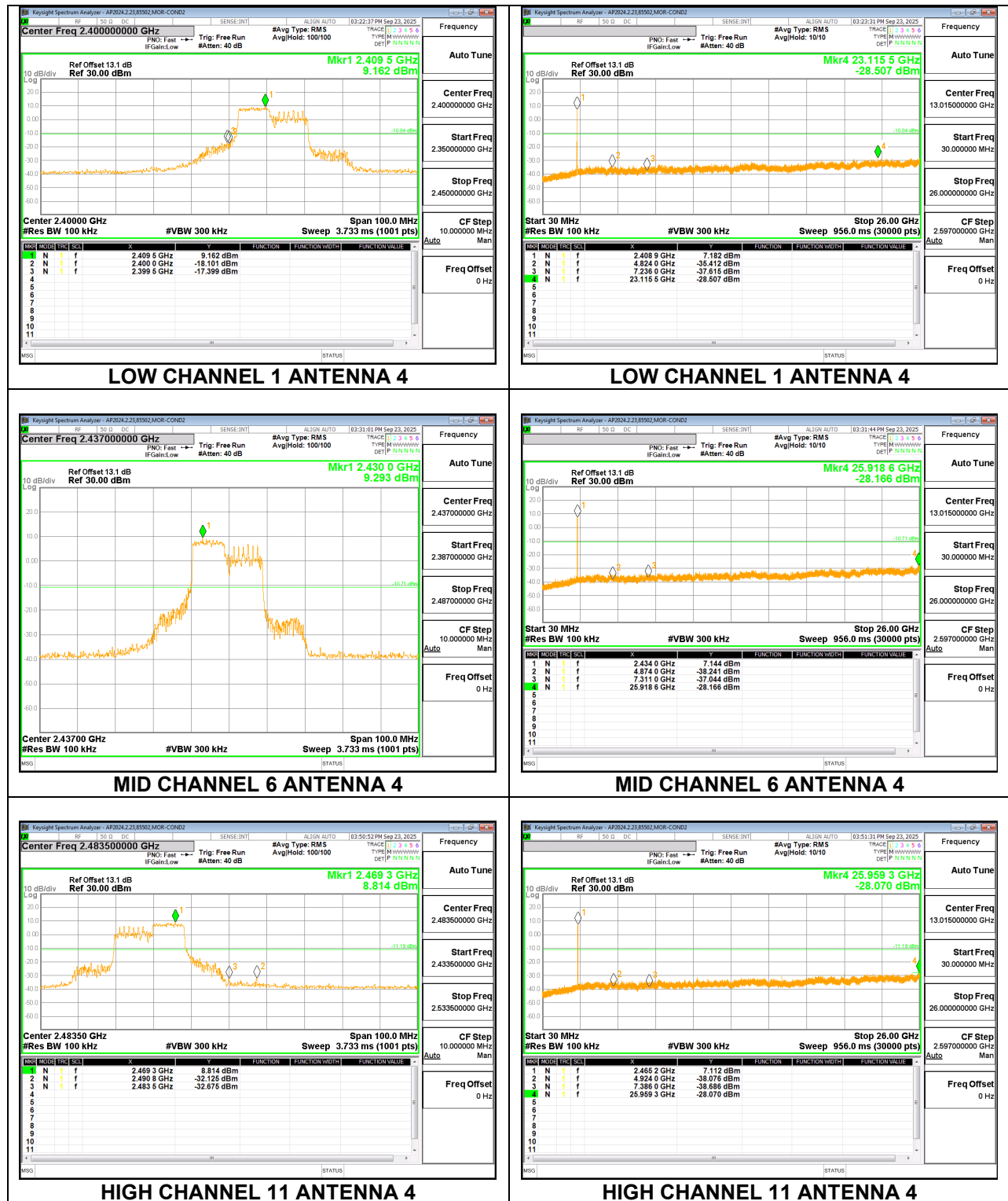
HIGH CHANNEL 11 ANTENNA 4



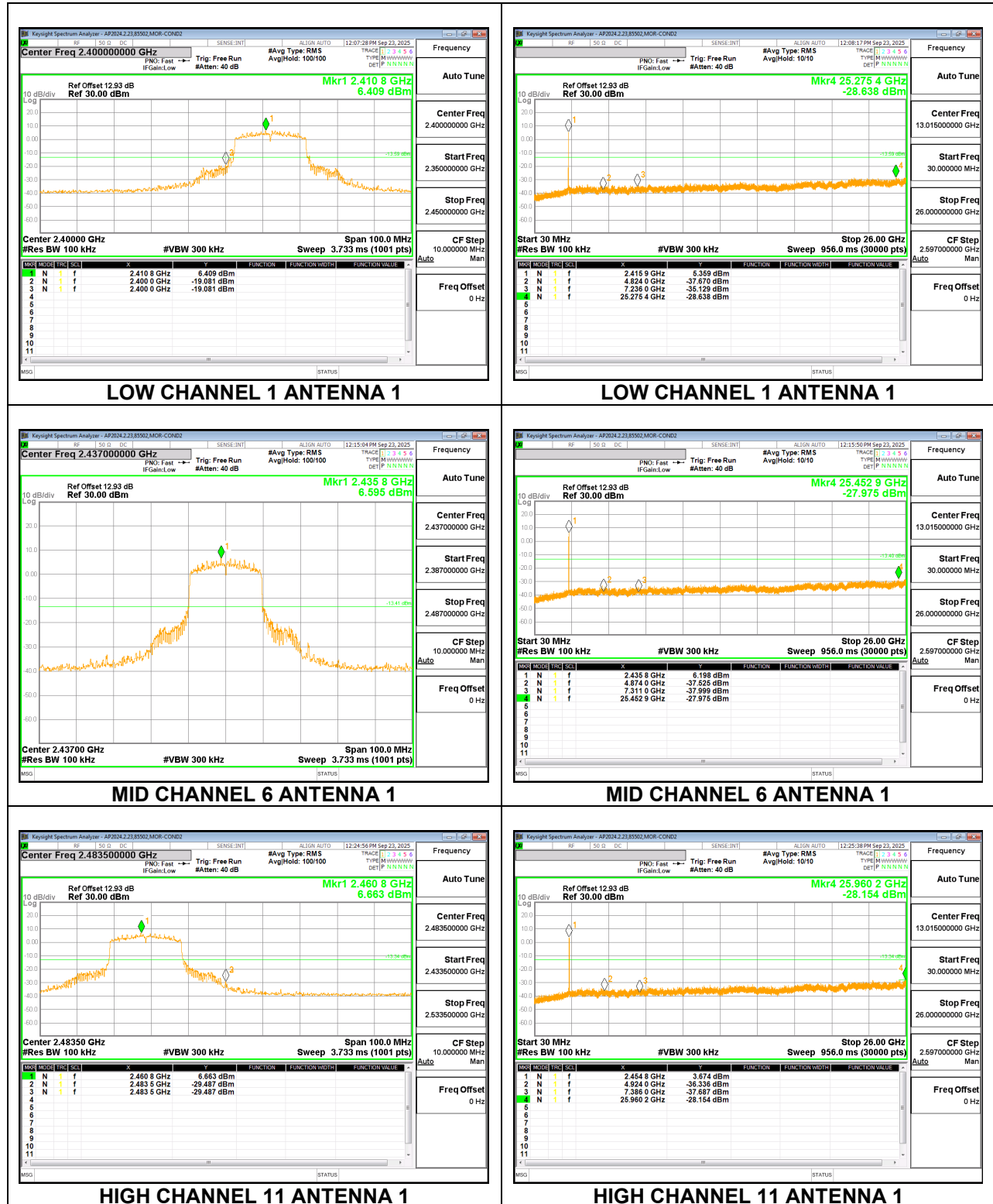
HIGH CHANNEL 11 ANTENNA 4

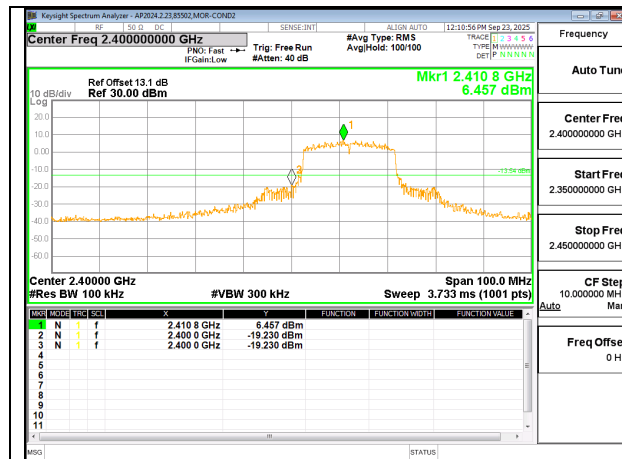
2TX ANTENNA 1 + ANTENNA 4 CDD MODE: 106T



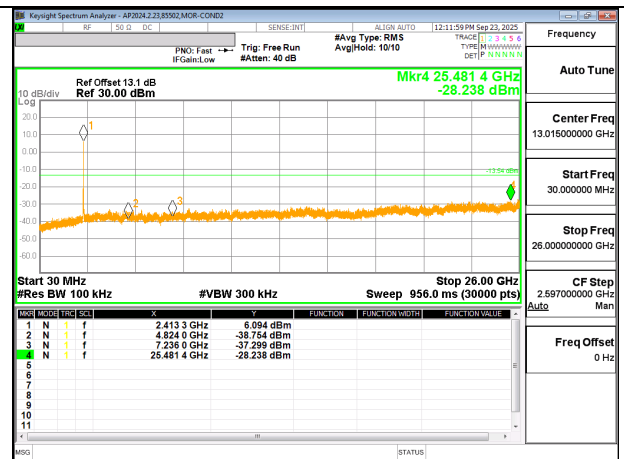


2TX ANTENNA 1 + ANTENNA 4 CDD MODE: 242T

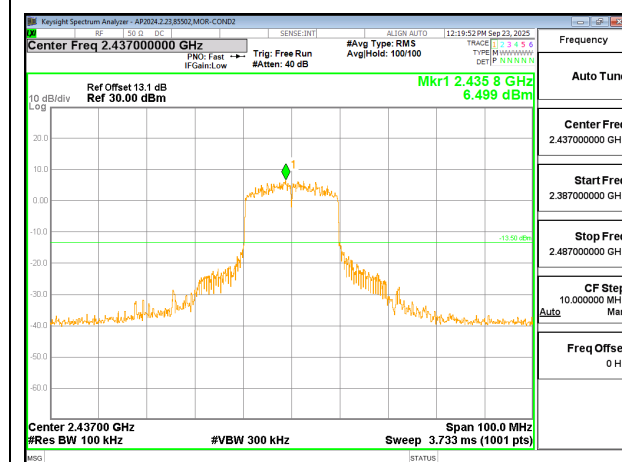




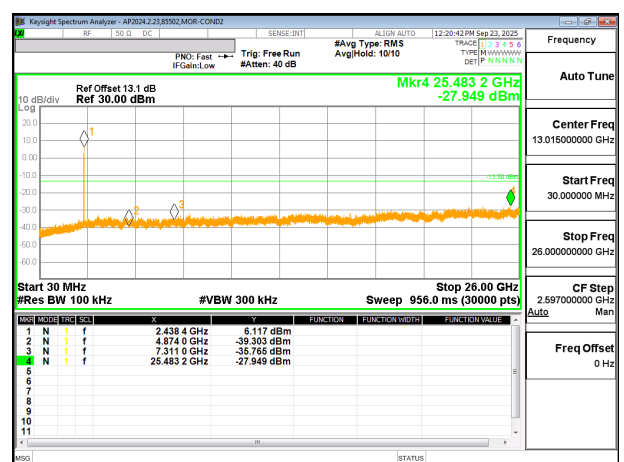
LOW CHANNEL 1 ANTENNA 4



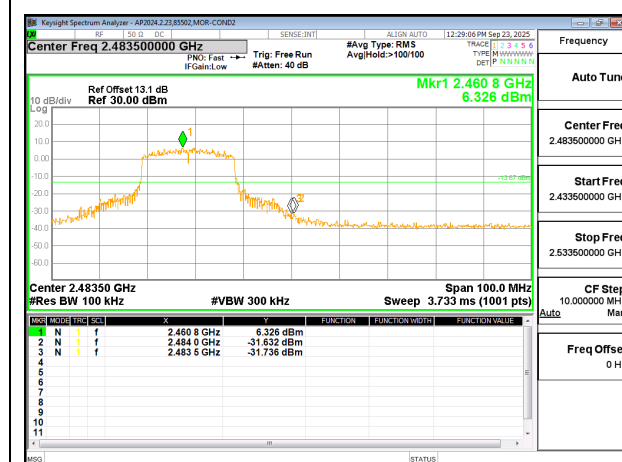
LOW CHANNEL 1 ANTENNA 4



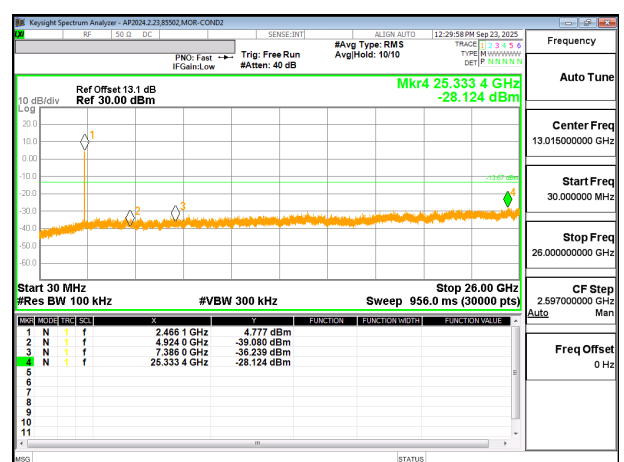
MID CHANNEL 6 ANTENNA 4



MID CHANNEL 6 ANTENNA 4



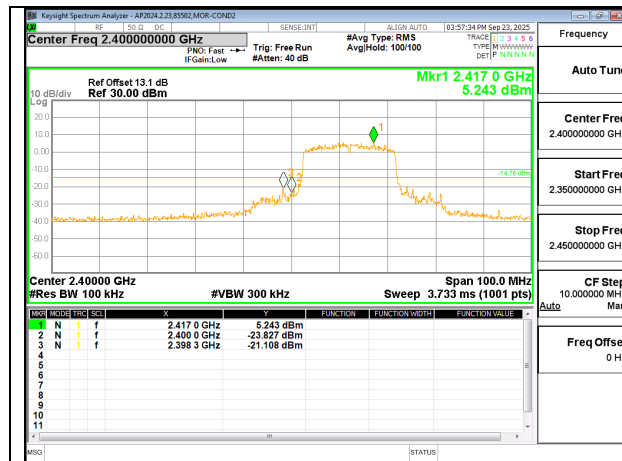
HIGH CHANNEL 11 ANTENNA 4



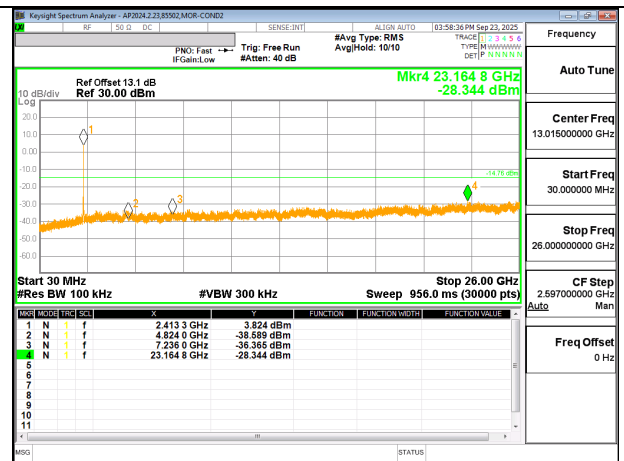
HIGH CHANNEL 11 ANTENNA 4

2TX ANTENNA 1 + ANTENNA 4 CDD MODE: SU

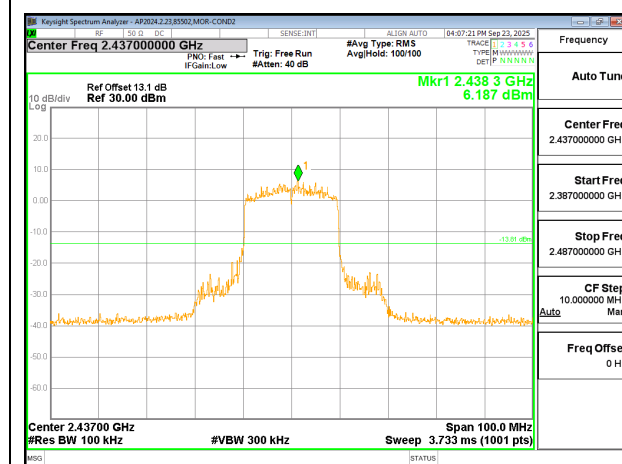




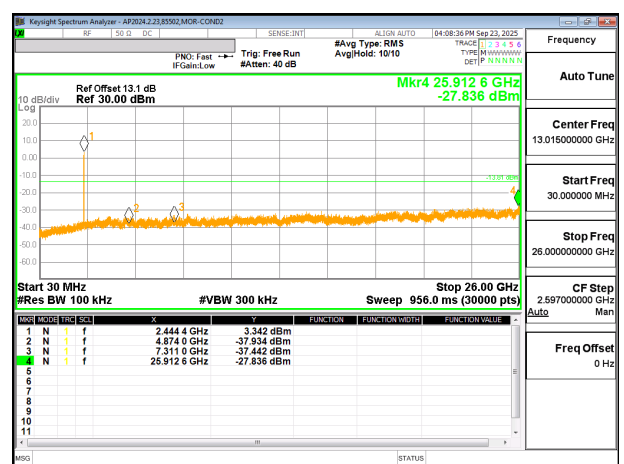
LOW CHANNEL 1 ANTENNA 4



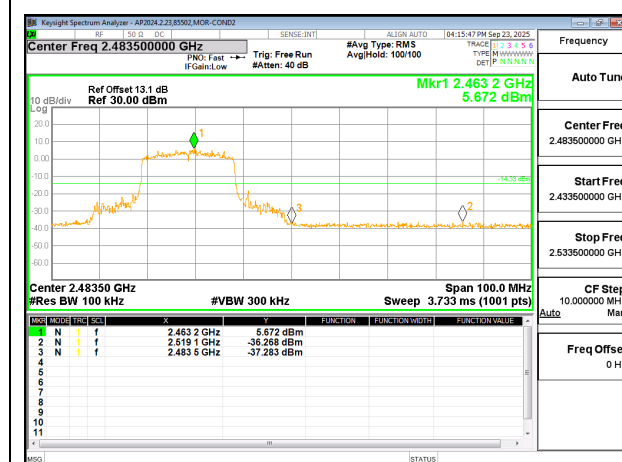
LOW CHANNEL 1 ANTENNA 4



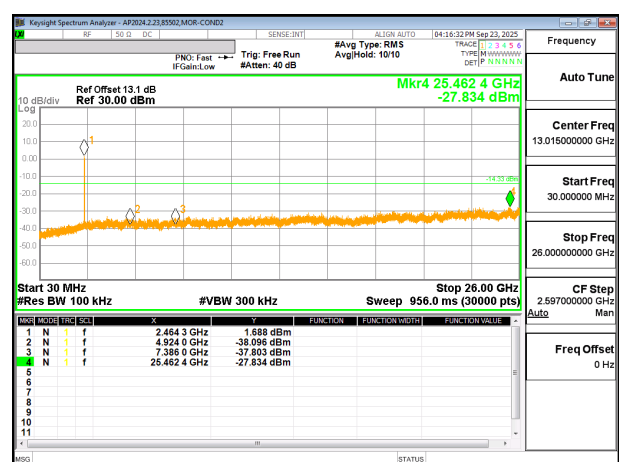
MID CHANNEL 6 ANTENNA 4



MID CHANNEL 6 ANTENNA 4



HIGH CHANNEL 11 ANTENNA 4



HIGH CHANNEL 11 ANTENNA 4

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

IC RSS-GEN Clause 8.9 and 8.10

Frequency Range (kHz)	Field Strength Limit (uA/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	6.37/F(kHz) @ 300 m	-
0.490-1.705	63.7/F(kHz) @ 30 m	-
1.705 - 30	0.08 @ 30m	-
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 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 3MHz 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 voltage average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

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.

3D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel).

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.

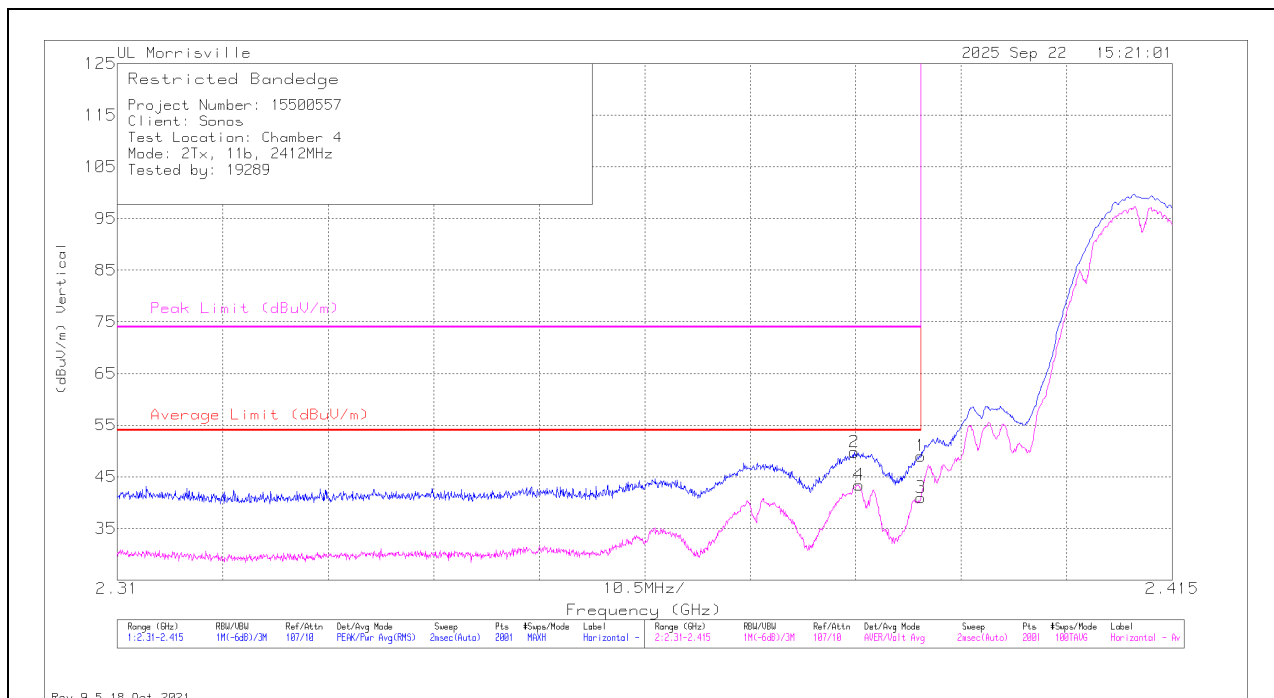
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

2TX ANTENNA 1 + ANTENNA 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	40.04	Pk	32	-23	49.04	-	-	74	-24.96	279	127	H
2	* ** 2.38334	40.79	Pk	32	-23	49.79	-	-	74	-24.21	279	127	H
3	* ** 2.38996	31.97	ADV	32	-23	40.97	54	-13.03	-	-	279	127	H
4	* ** 2.38382	34.42	ADV	32	-23	43.42	54	-10.58	-	-	279	127	H

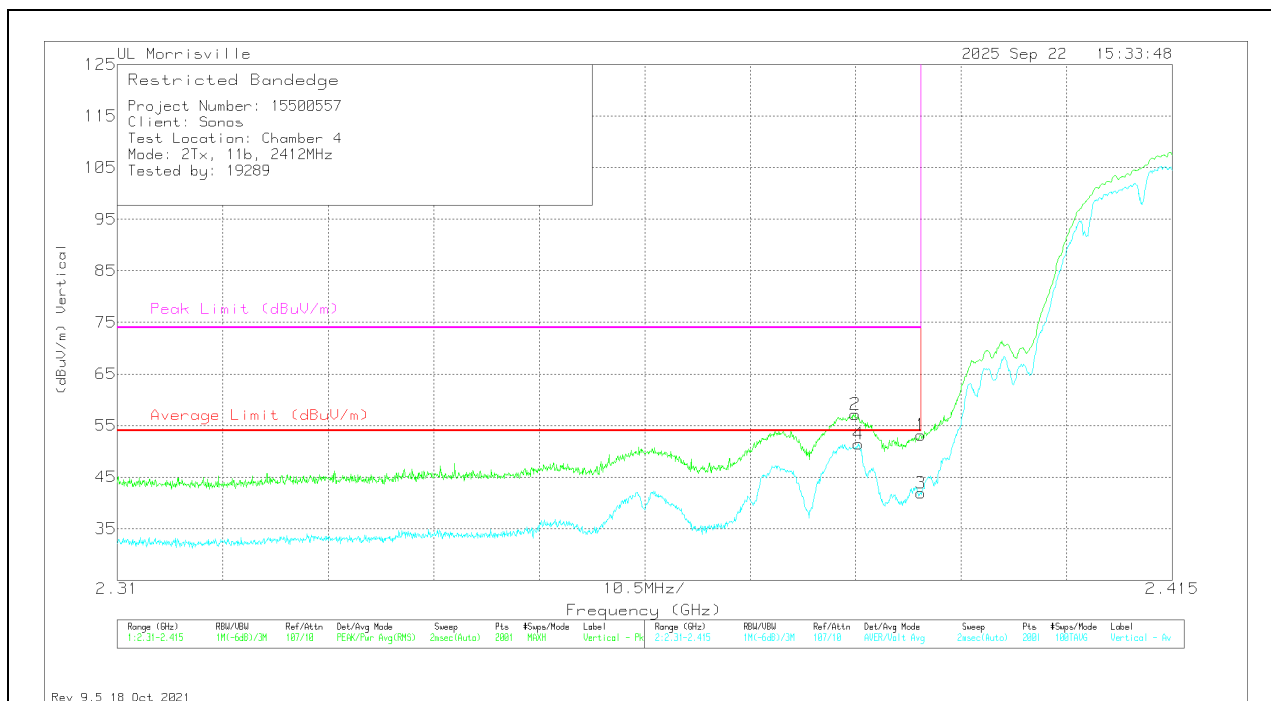
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	44.14	Pk	32	-23	53.14	-	-	74	-20.86	325	103	V
2	* ** 2.38345	48.18	Pk	32	-23	57.18	-	-	74	-16.82	325	103	V
3	* ** 2.38996	32.89	ADV	32	-23	41.89	54	-12.11	-	-	325	103	V
4	* ** 2.38376	42.42	ADV	32	-23	51.42	54	-2.58	-	-	325	103	V

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

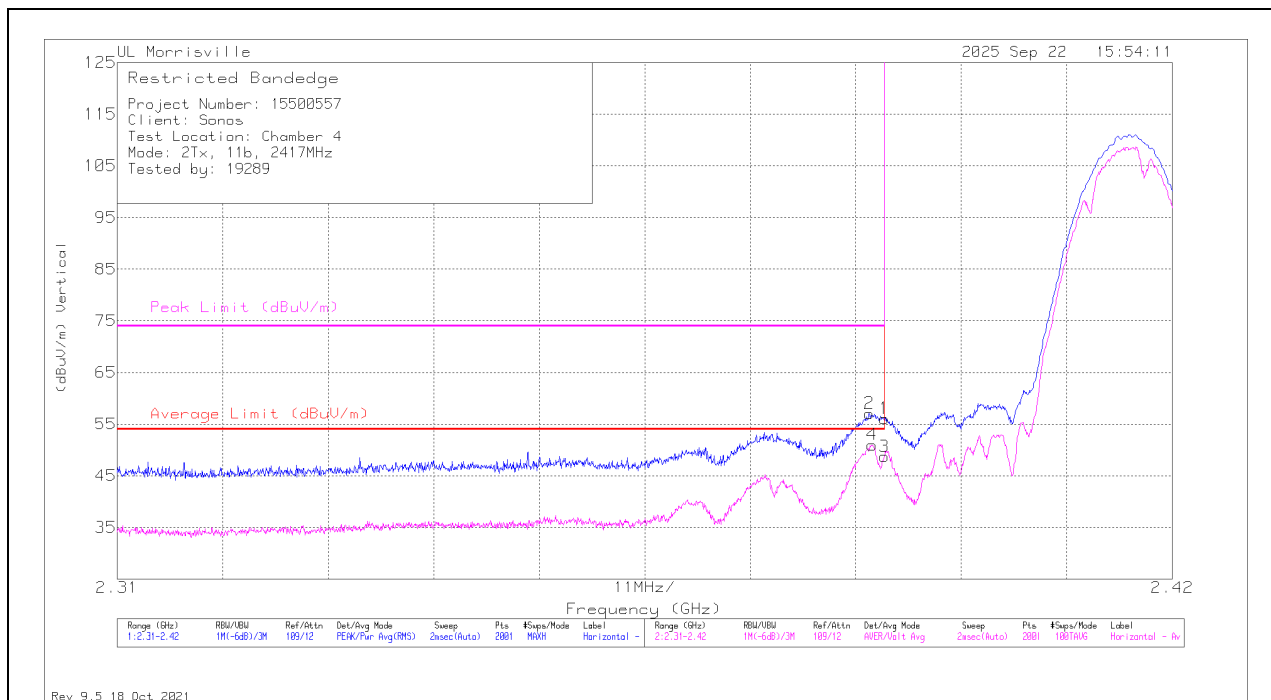
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38997	47.07	Pk	32	-23	56.07	-	-	74	-17.93	97	103	H
2	*** 2.38843	48.06	Pk	32	-23	57.06	-	-	74	-16.94	97	103	H
3	*** 2.38997	39.73	ADV	32	-23	48.73	54	-5.27	-	-	97	103	H
4	*** 2.38871	41.98	ADV	32	-23	50.98	54	-3.02	-	-	97	103	H

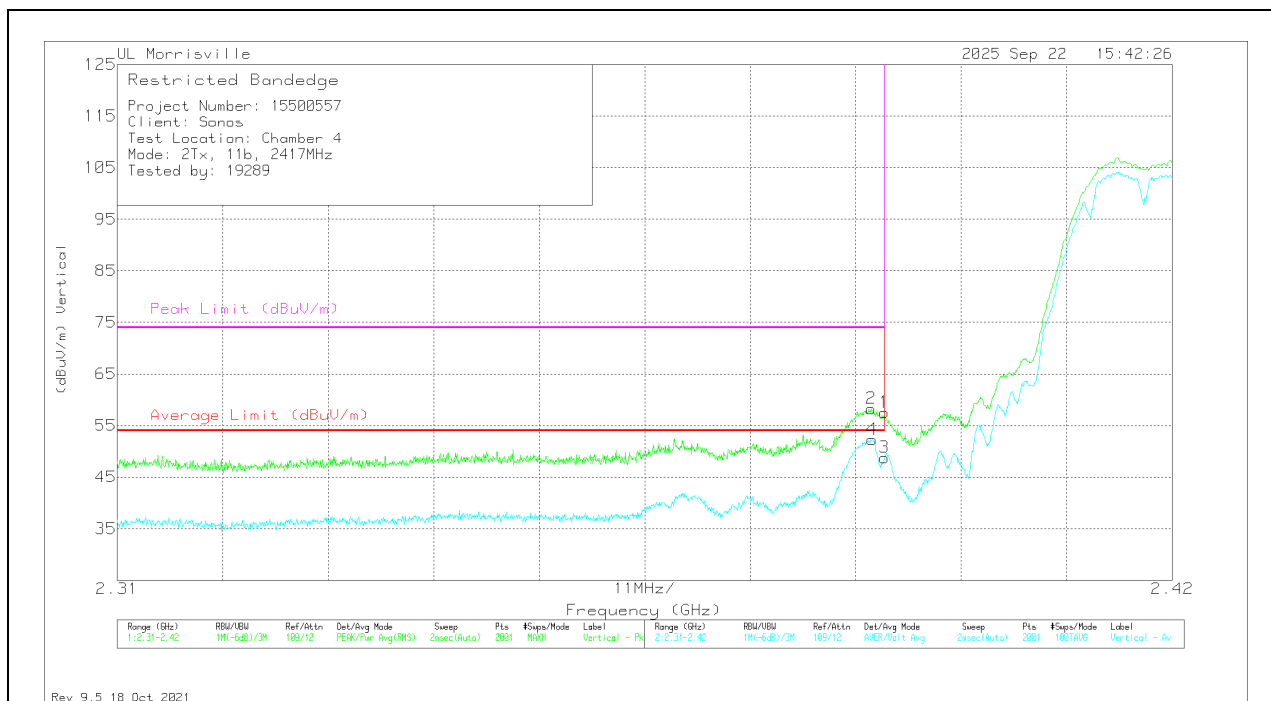
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38997	48.55	Pk	32	-23	57.55	-	-	74	-16.45	354	113	V
2	* ** 2.3886	49.29	Pk	32	-23	58.29	-	-	74	-15.71	354	113	V
3	* ** 2.38997	39.8	ADV	32	-23	48.8	54	-5.2	-	-	354	113	V
4	* ** 2.38871	43.31	ADV	32	-23	52.31	54	-1.69	-	-	354	113	V

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

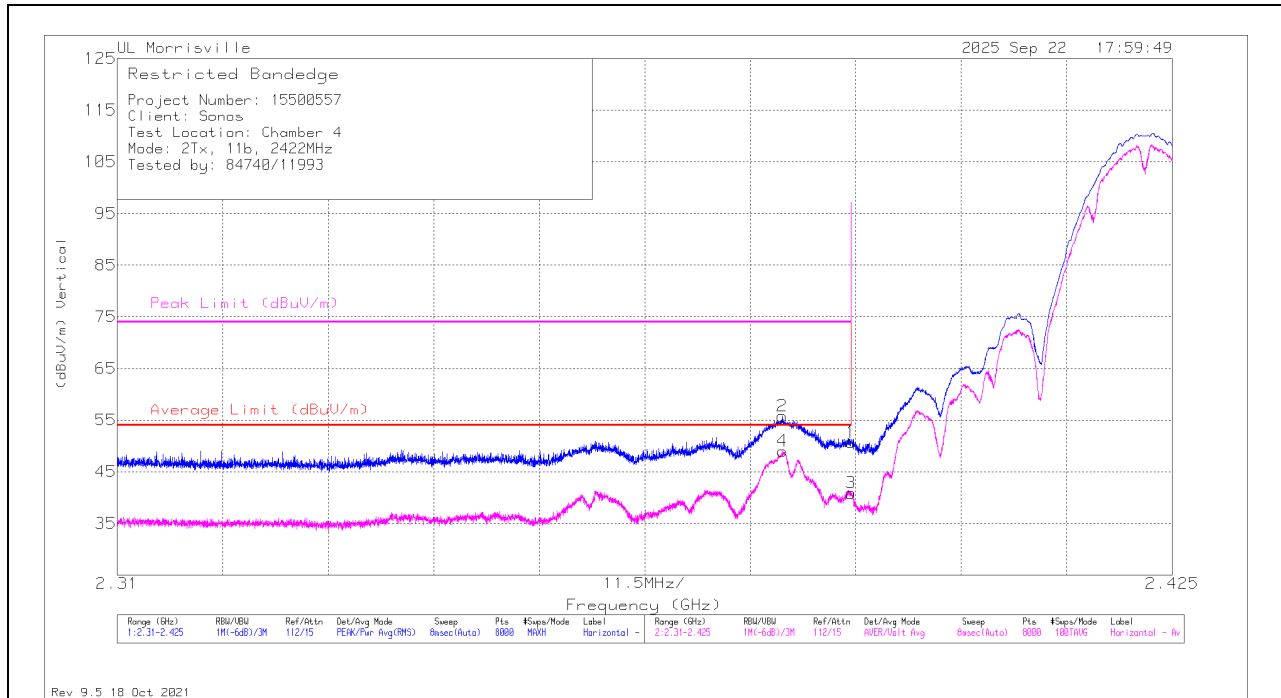
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38999	41.71	Pk	32	-23	50.71	-	-	74	-23.29	331	135	H
2	*** 2.38249	46.85	Pk	32	-23.1	55.75	-	-	74	-18.25	331	135	H
3	*** 2.38999	31.9	ADV	32	-23	40.9	54	-13.1	-	-	331	135	H
4	*** 2.38255	40.11	ADV	32	-23.1	49.01	54	-4.99	-	-	331	135	H

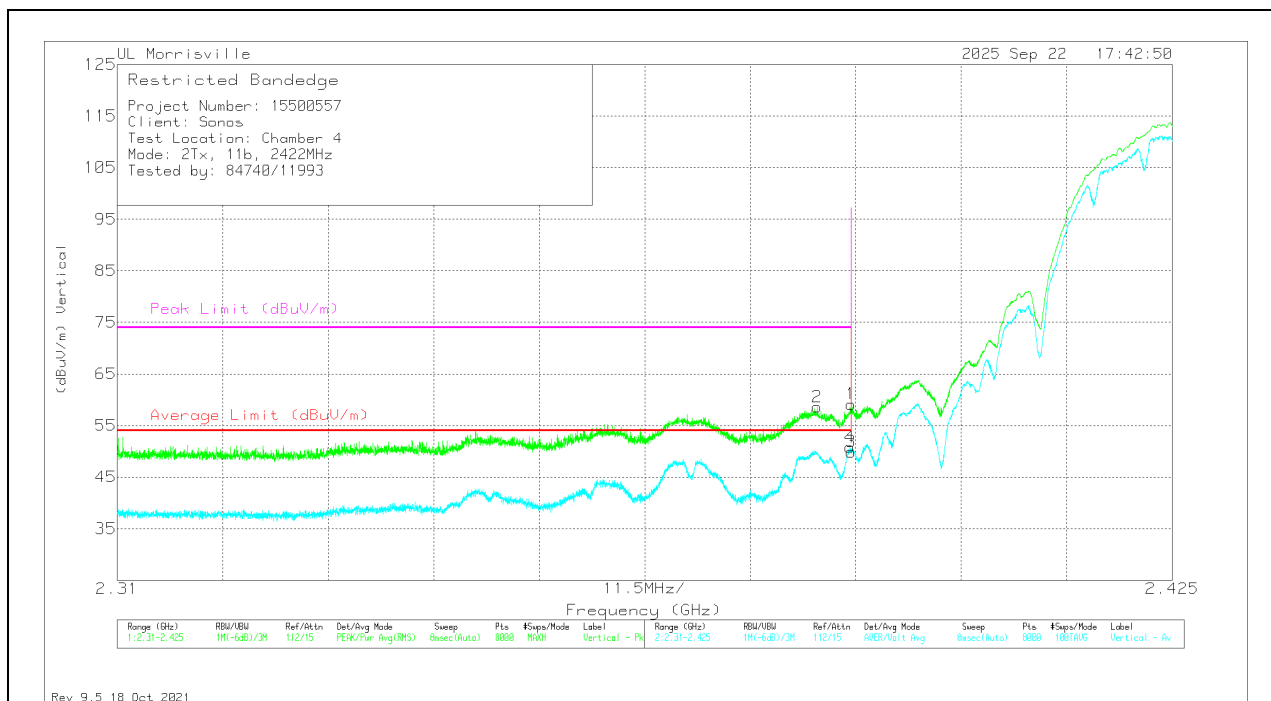
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38999	50.15	Pk	32	-23	59.15	-	-	74	-14.85	325	120	V
2	*** 2.3863	49.48	Pk	32	-22.9	58.58	-	-	74	-15.42	325	120	V
3	*** 2.38999	40.91	ADV	32	-23	49.91	54	-4.09	-	-	325	120	V
4	*** 2.38988	41.79	ADV	32	-23	50.79	54	-3.21	-	-	325	120	V

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

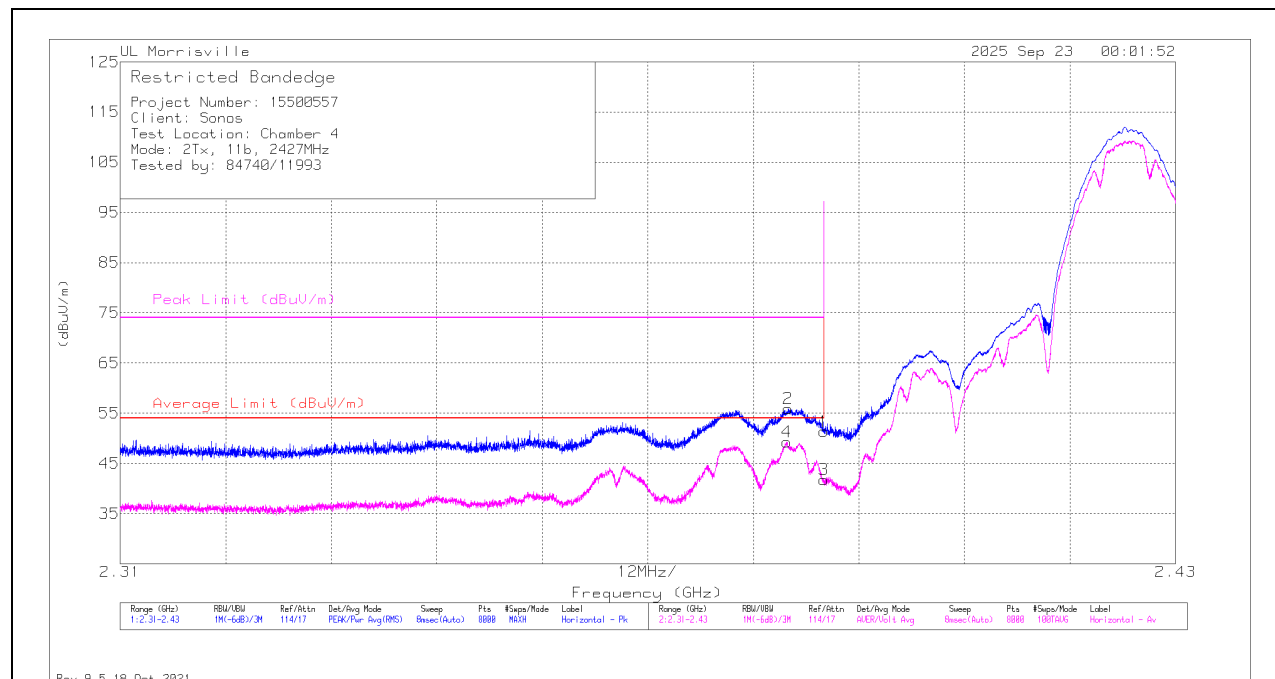
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (LOW CHANNEL, CH 4)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38999	42.34	Pk	32	-23	51.34	-	-	74	-22.66	95	101	H
2	*** 2.38597	46.75	Pk	32	-22.8	55.95	-	-	74	-18.05	95	101	H
3	*** 2.38999	32.79	ADV	32	-23	41.79	54	-12.21	-	-	95	100	V
4	*** 2.38579	40.03	ADV	32	-22.8	49.23	54	-4.77	-	-	95	100	V

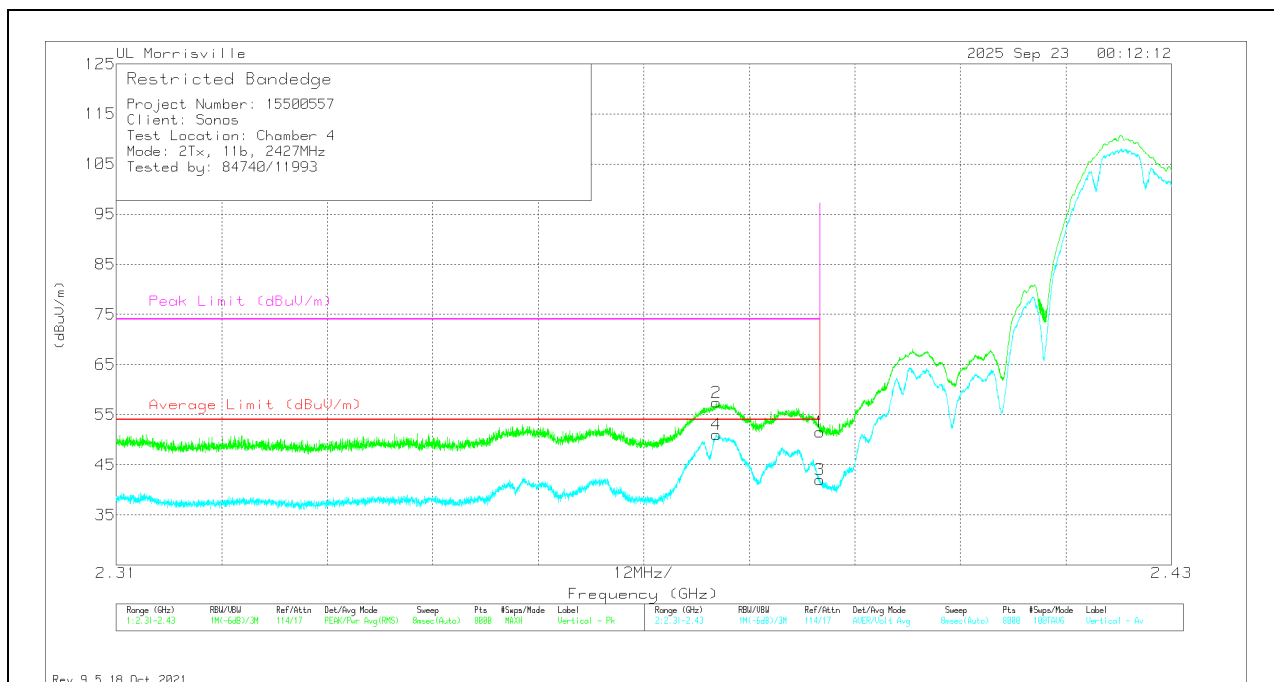
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38999	42.58	Pk	32	-23	51.58	-	-	74	-22.42	343	101	V
2	*** 2.37827	48.97	Pk	32	-23.5	57.47	-	-	74	-16.53	343	101	V
3	*** 2.38999	33.06	ADV	32	-23	42.06	54	-11.94	-	-	343	100	V
4	*** 2.37829	42.57	ADV	32	-23.5	51.07	54	-2.93	-	-	343	100	V

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

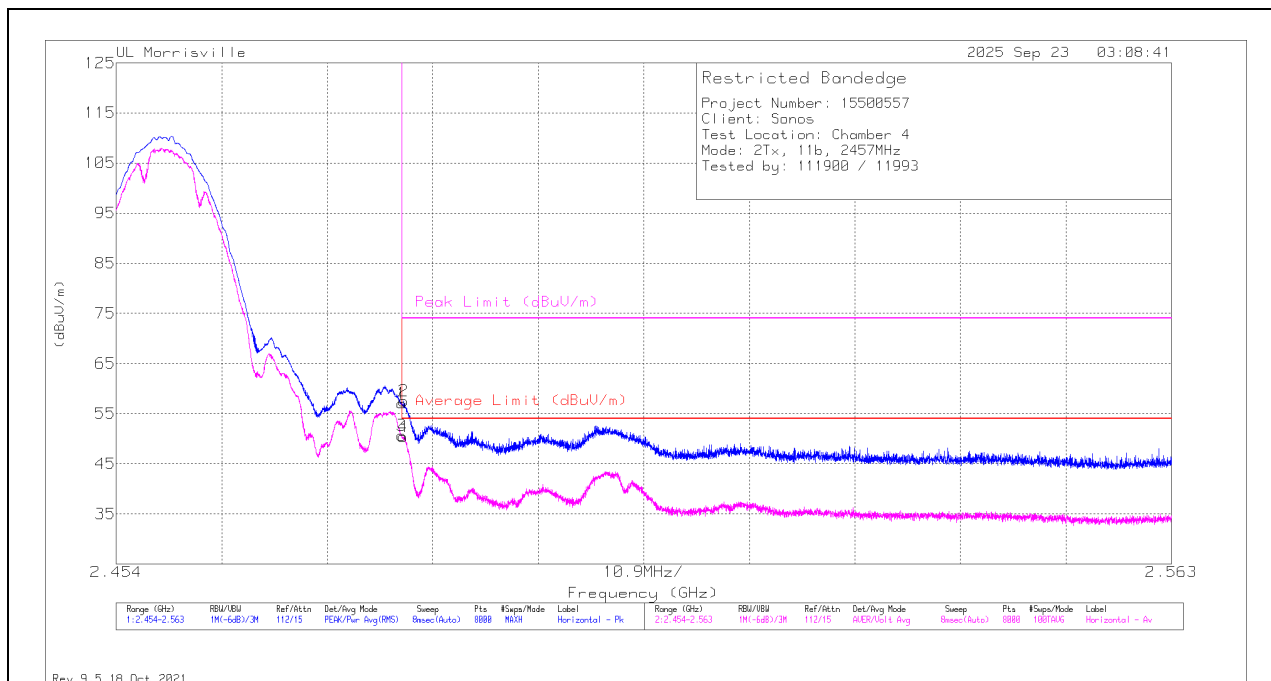
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	47.99	Pk	32.3	-23.2	57.09	-	-	74	-16.91	298	304	H
2	*** 2.48369	48.46	Pk	32.3	-23.2	57.56	-	-	74	-16.44	298	304	H
3	*** 2.4835	41.6	ADV	32.3	-23.2	50.7	54	-3.3	-	-	298	304	H
4	*** 2.48364	41.27	ADV	32.3	-23.2	50.37	54	-3.63	-	-	298	304	H

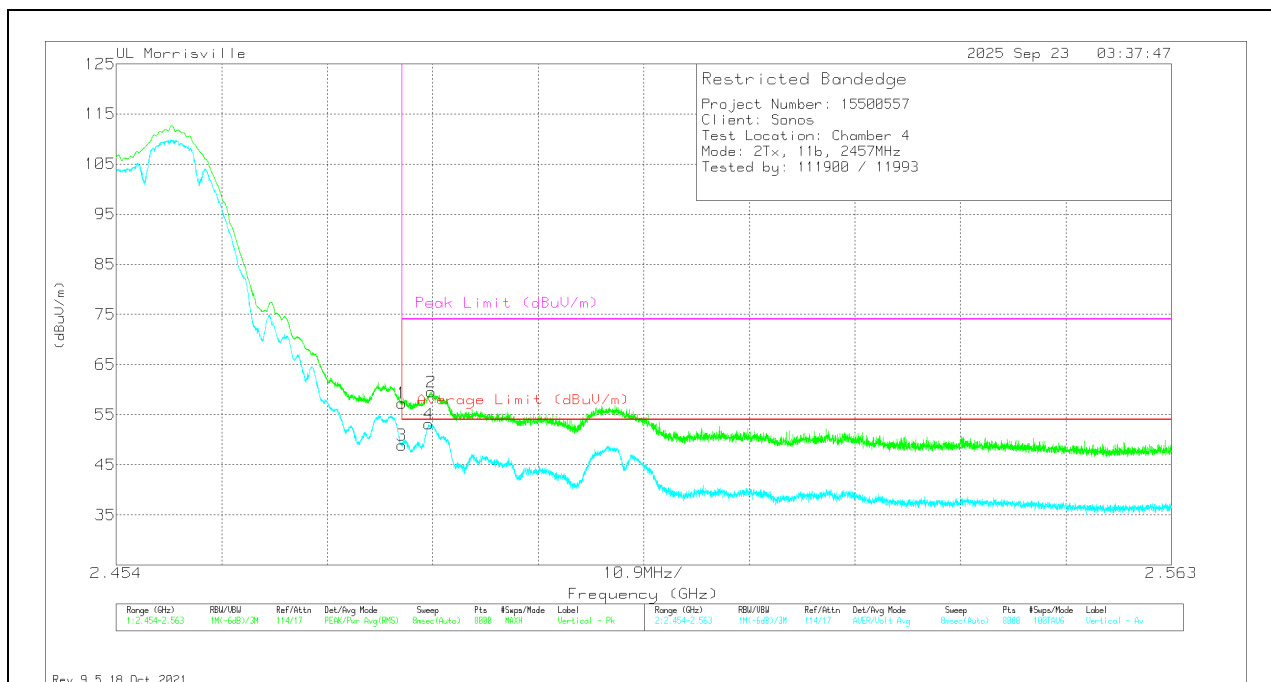
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	48.19	Pk	32.3	-23.2	57.29	-	-	74	-16.71	323	127	V
2	*** 2.48653	50.49	Pk	32.4	-23.4	59.49	-	-	74	-14.51	323	127	V
3	*** 2.4835	39.85	ADV	32.3	-23.2	48.95	54	-5.05	-	-	323	127	V
4	*** 2.48627	44.1	ADV	32.4	-23.4	53.1	54	-9	-	-	323	127	V

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

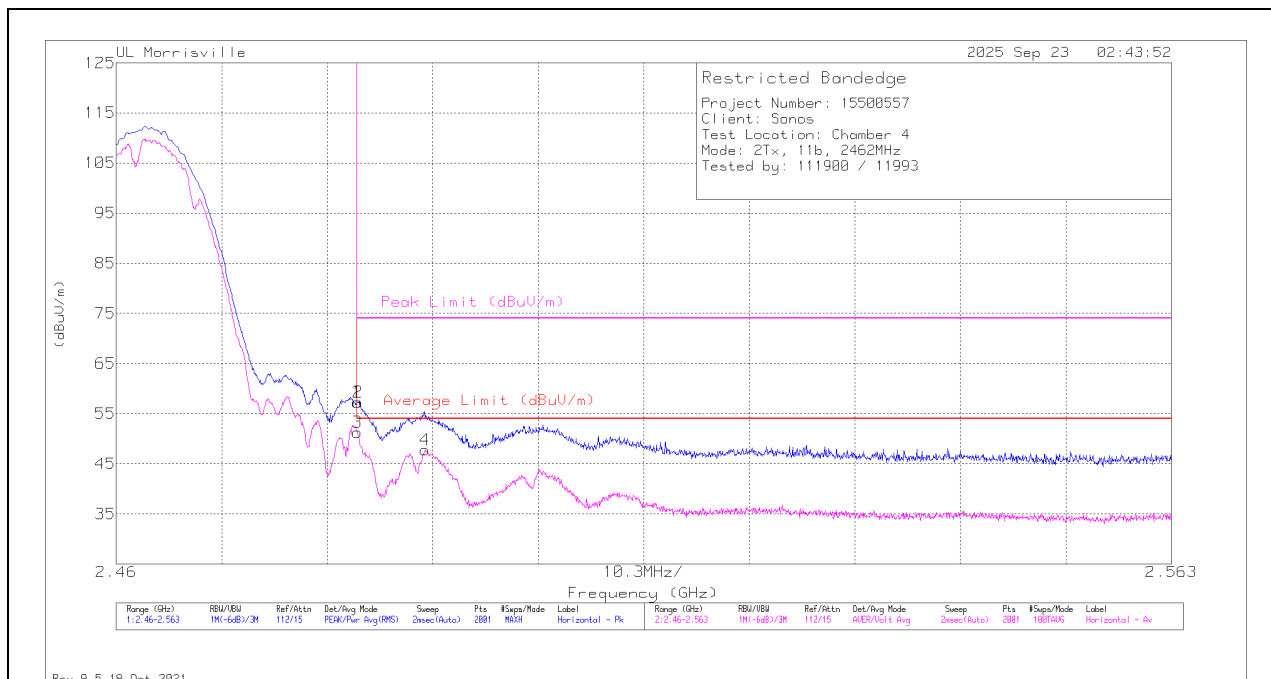
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.48354	48.2	Pk	32.3	-23.2	0	57.3	-	-	74	-16.7	95	101	H
2	*** 2.48359	48.21	Pk	32.3	-23.2	0	57.31	-	-	74	-16.69	95	101	H
3	*** 2.48354	42.22	ADV	32.3	-23.2	0	51.32	54	-2.68	-	-	95	100	H
4	*** 2.49013	38.95	ADV	32.4	-23.6	0	47.75	54	-6.25	-	-	95	100	H

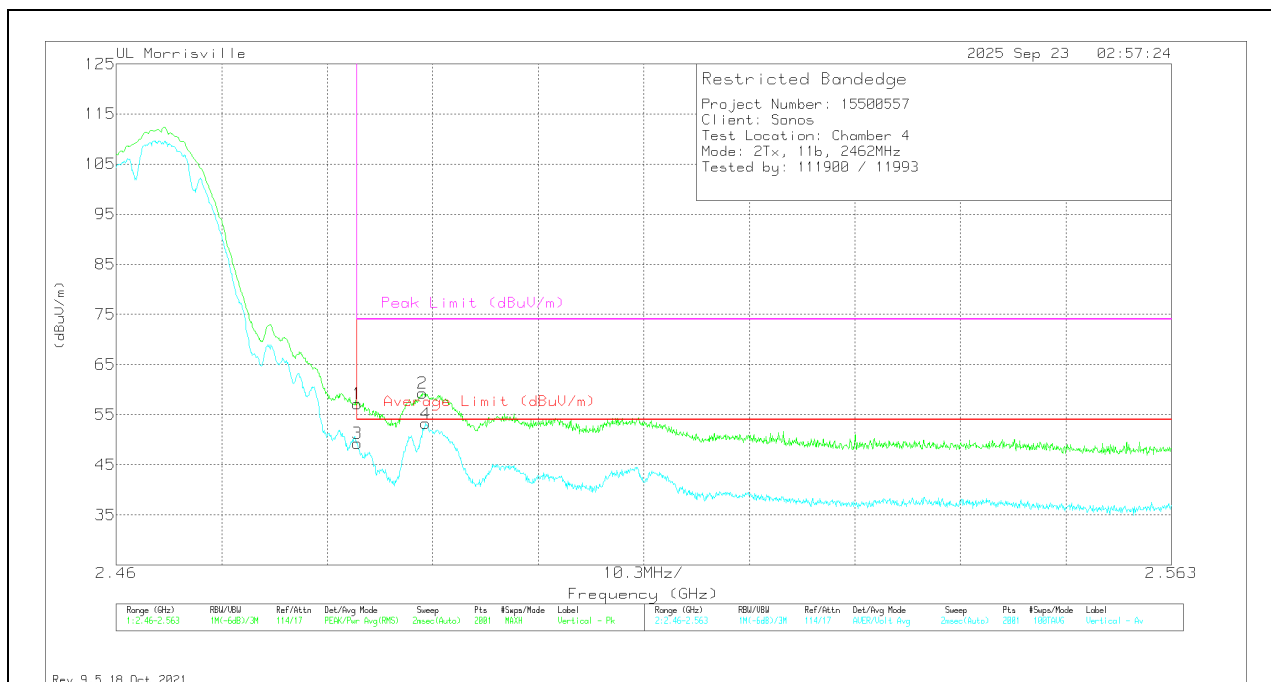
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.48354	48.06	Pk	32.3	-23.2	0	57.16	-	-	74	-16.84	323	109	V
2	* ** 2.48987	50.53	Pk	32.4	-23.6	0	59.33	-	-	74	-14.67	323	109	V
3	* ** 2.48354	40.2	ADV	32.3	-23.2	0	49.3	54	-4.7	-	-	323	109	V
4	* ** 2.49023	44.42	ADV	32.4	-23.6	0	53.22	54	-7.8	-	-	323	109	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

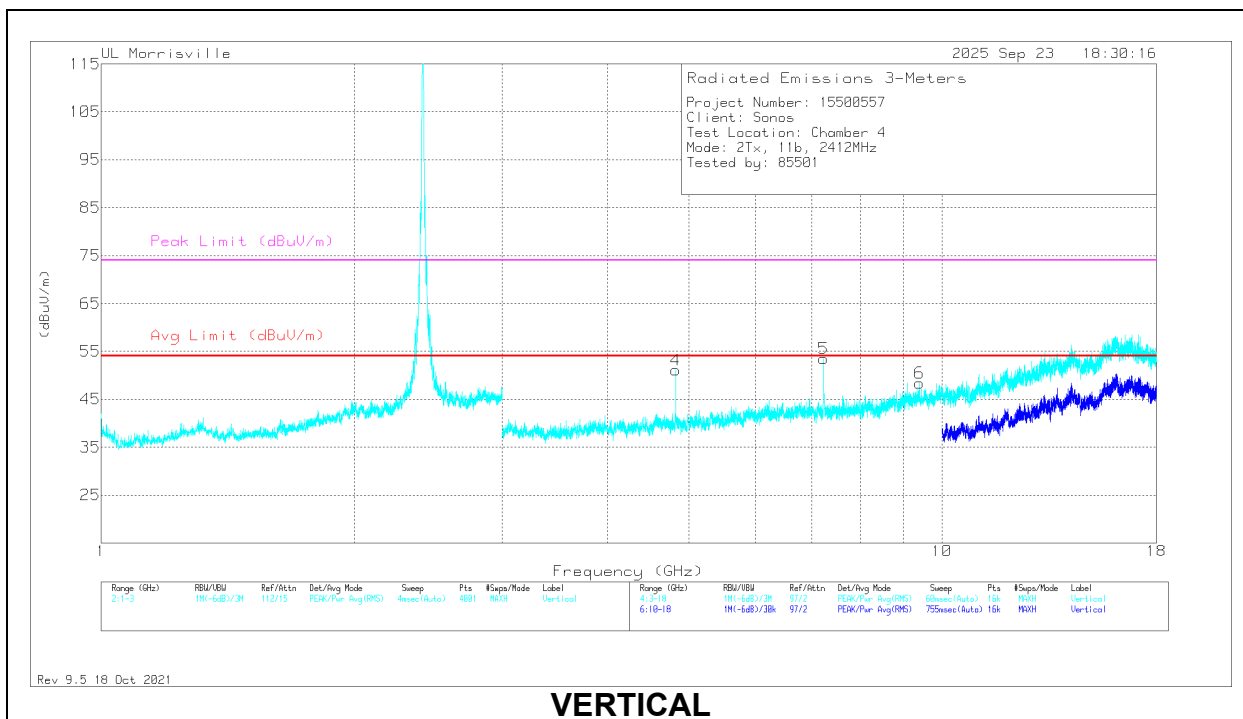
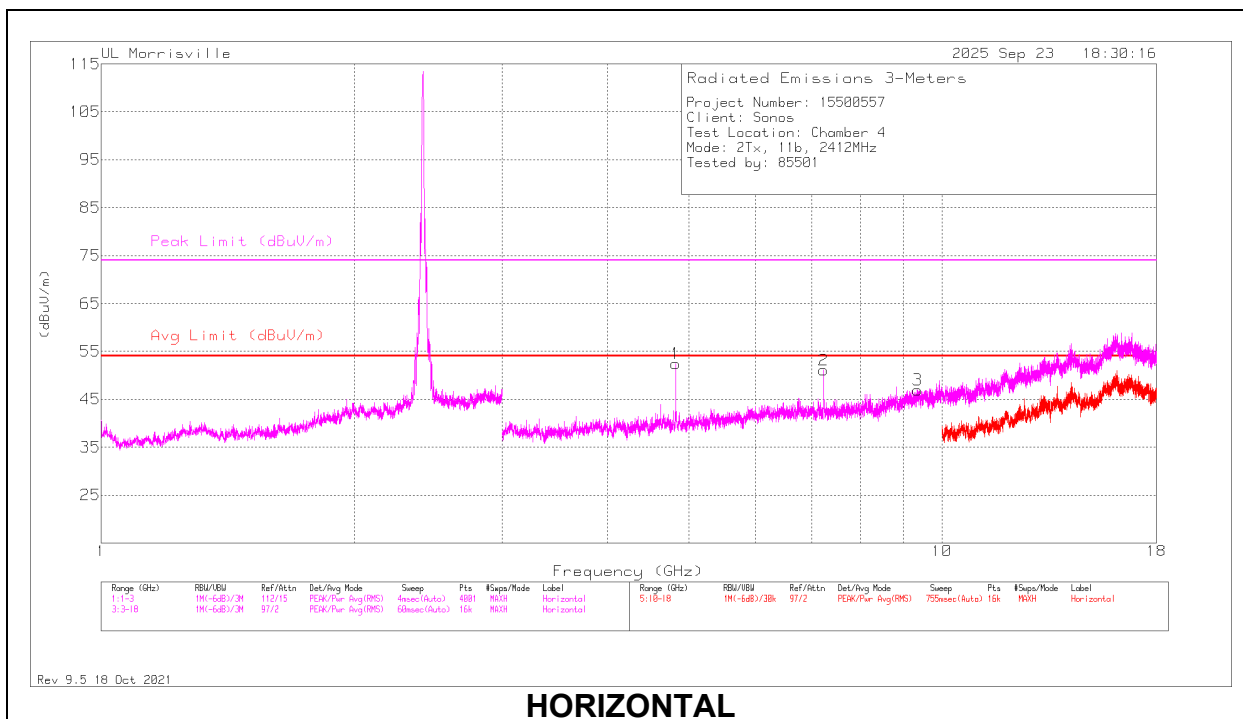
Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

Note – All 11b spurious emissions were tested at mid channel power settings.

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.82389	52.76	PK2	33.9	-32.7	53.96	-	-	74	-20.04	348	103	H
	*** 4.82401	50.38	ADV	33.9	-32.7	51.58	54	-2.42	-	-	348	103	H
3	*** 9.35813	35.12	Pk	36.4	-24.6	46.92	54	-7.08	74	-27.08	0-360	100	H
4	*** 4.82399	52.33	PK2	33.9	-32.7	53.53	-	-	74	-20.47	16	218	V
	*** 4.824	49.99	ADV	33.9	-32.7	51.19	54	-2.81	-	-	16	218	V
6	*** 9.39943	37.14	PK2	36.5	-24	49.64	-	-	74	-24.36	91	308	V
	*** 9.3989	23.93	ADV	36.5	-24	36.43	54	-17.57	-	-	91	308	V
2	7.23281	43.97	Pk	35.5	-28.4	51.07	-	-	-	-	0-360	100	H
5	7.23469	46.46	Pk	35.5	-28.5	53.46	-	-	-	-	0-360	200	V

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

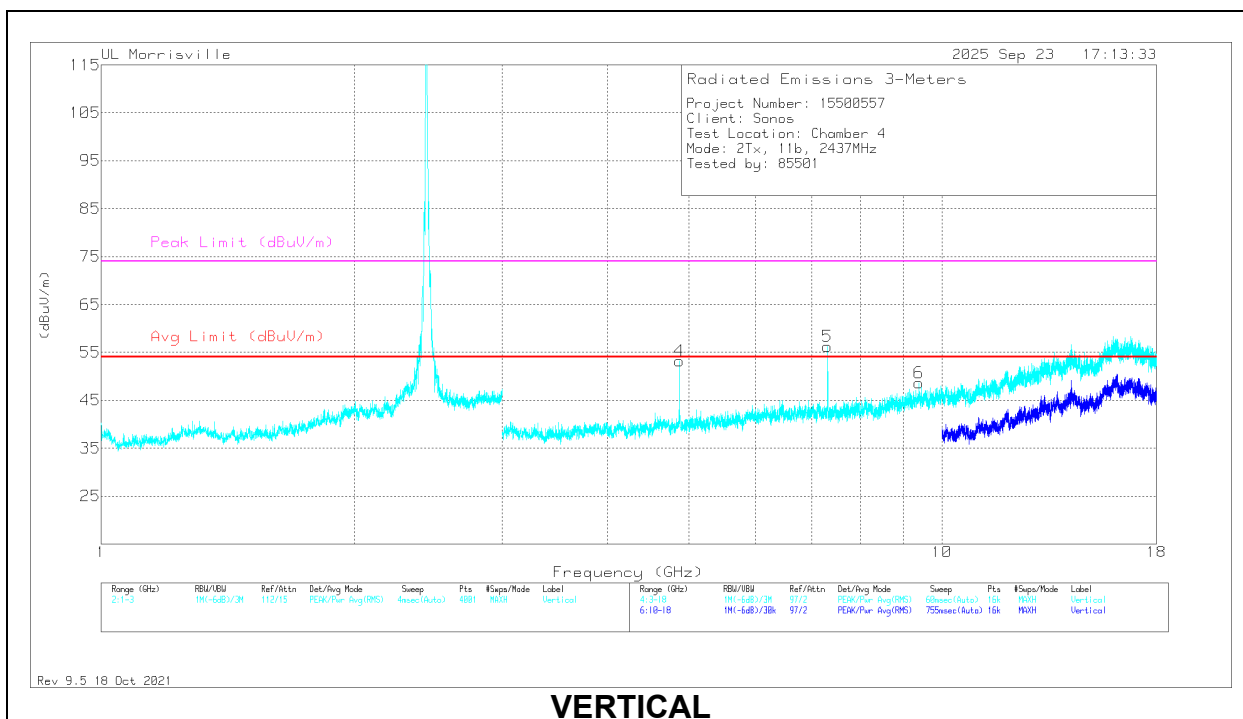
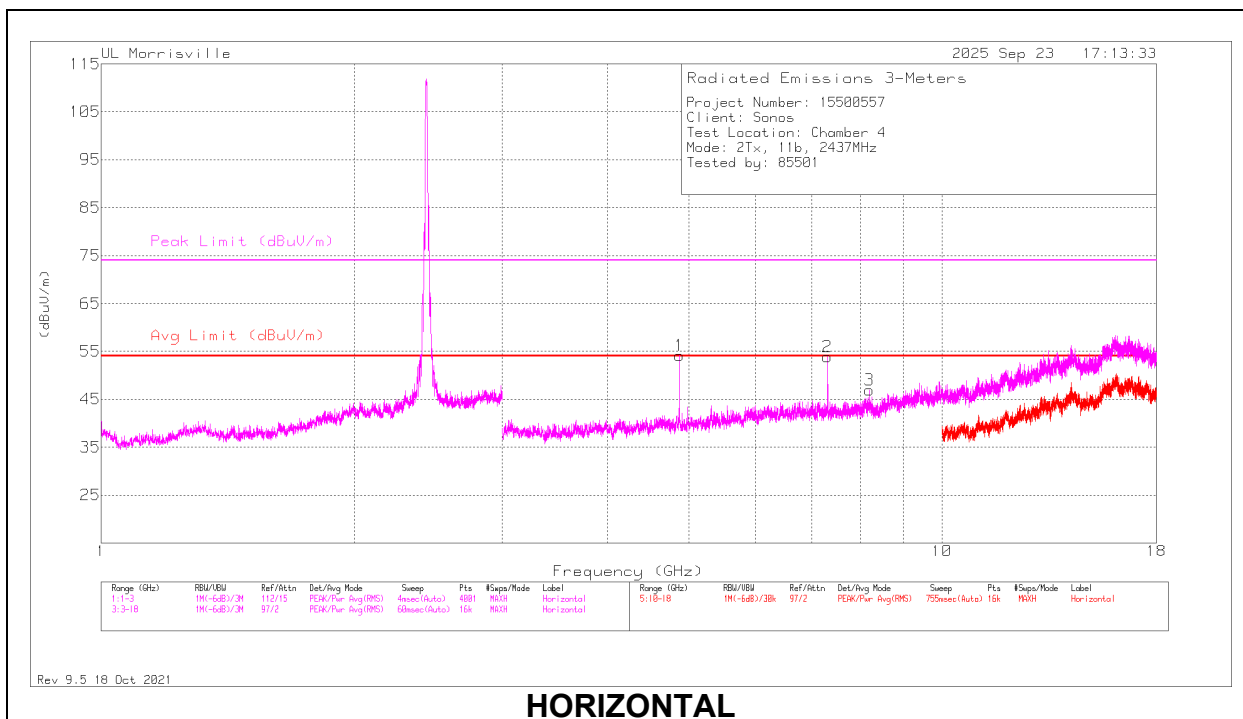
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.87391	52.83	PK2	33.9	-31.2	55.53	-	-	74	-18.47	348	106	H
	* ** 4.87395	50.79	ADV	33.9	-31.2	53.49	54	-.51	-	-	348	106	H
2	* ** 7.31182	48.06	PK2	35.5	-28.4	55.16	-	-	74	-18.84	338	101	H
	* ** 7.31174	43.44	ADV	35.5	-28.3	50.64	54	-3.36	-	-	338	101	H
3	* ** 8.205	38.16	Pk	35.7	-26.9	46.96	54	-7.04	74	-27.04	0-360	100	H
4	* ** 4.87389	52.87	PK2	33.9	-31.2	55.57	-	-	74	-18.43	32	225	V
	* ** 4.87397	50.85	ADV	33.9	-31.2	53.55	54	-.45	-	-	32	225	V
5	* ** 7.31002	50.24	PK2	35.5	-28.2	57.54	-	-	74	-16.46	353	191	V
	* ** 7.31173	46.5	ADV	35.5	-28.3	53.7	54	-.3	-	-	353	191	V
6	* ** 9.39501	36.35	PK2	36.5	-24.2	48.65	-	-	74	-25.35	32	225	V
	* ** 9.39457	24.56	ADV	36.5	-24.3	36.76	54	-17.24	-	-	32	225	V

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

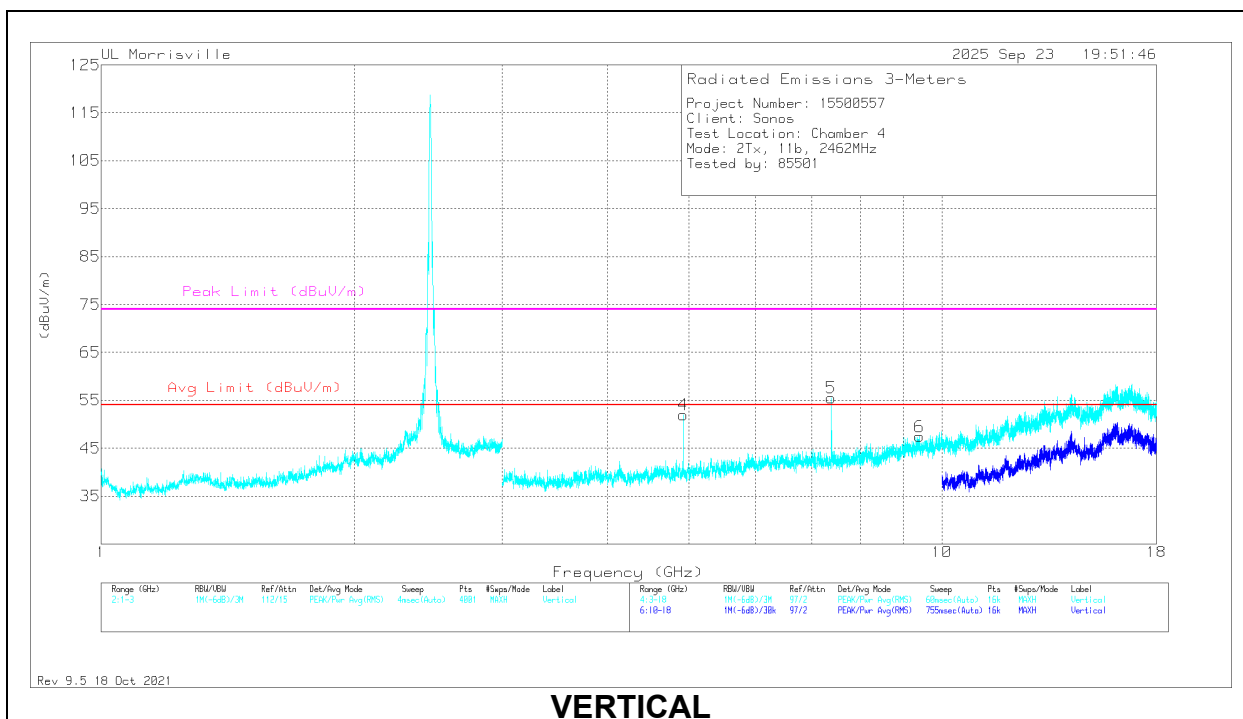
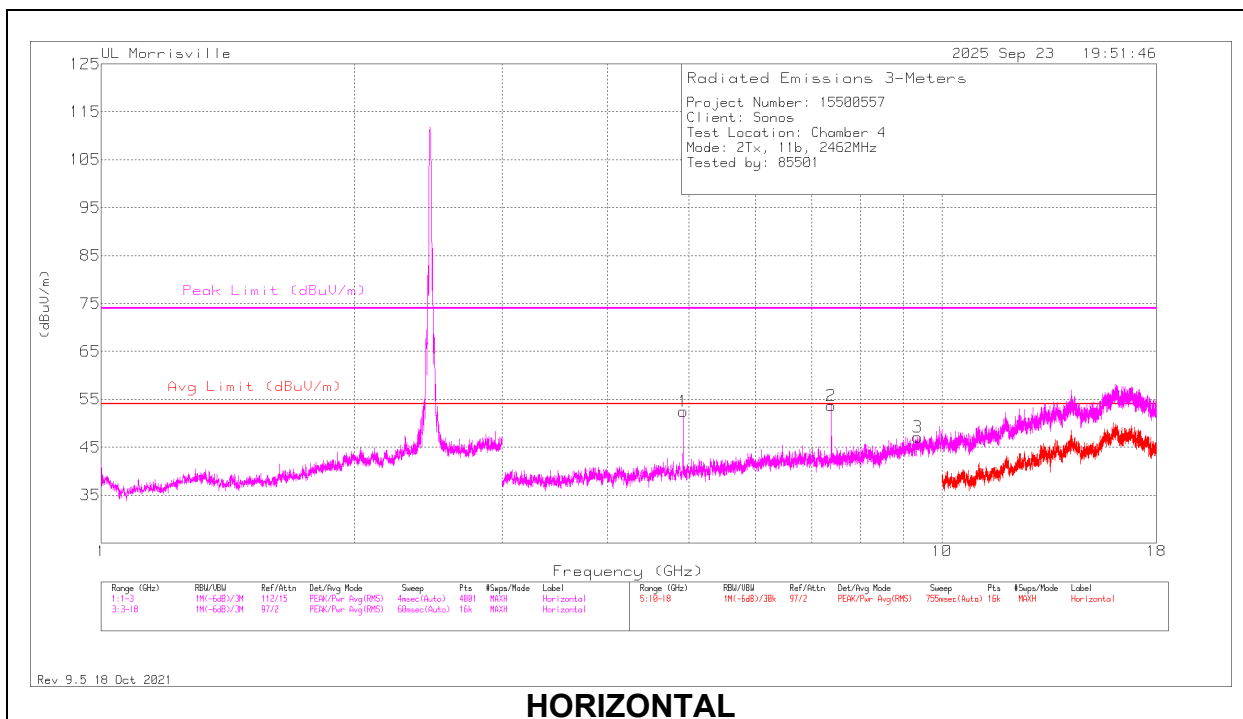
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL, CH 11 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.92395	52.53	PK2	33.8	-31.8	54.53	-	-	74	-19.47	348	101	H
	*** 4.92394	50.24	ADV	33.8	-31.8	52.24	54	-1.76	-	-	348	101	H
2	*** 7.38686	47.42	PK2	35.5	-28	54.92	-	-	74	-19.08	338	101	H
	*** 7.38667	42.95	ADV	35.5	-28.1	50.35	54	-3.65	-	-	338	101	H
3	*** 9.36563	35.34	Pk	36.4	-24.6	47.14	54	-6.86	74	-26.86	0-360	100	H
4	*** 4.92392	53.46	PK2	33.8	-31.8	55.46	-	-	74	-18.54	26	222	V
	*** 4.92393	51.43	ADV	33.8	-31.8	53.43	54	-5.7	-	-	26	222	V
5	*** 7.38681	49.6	PK2	35.5	-28	57.1	-	-	74	-16.9	348	194	V
	*** 7.38675	45.47	ADV	35.5	-28	52.97	54	-1.03	-	-	348	194	V
6	*** 9.40781	35.04	Pk	36.5	-24.1	47.44	54	-6.56	74	-26.56	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

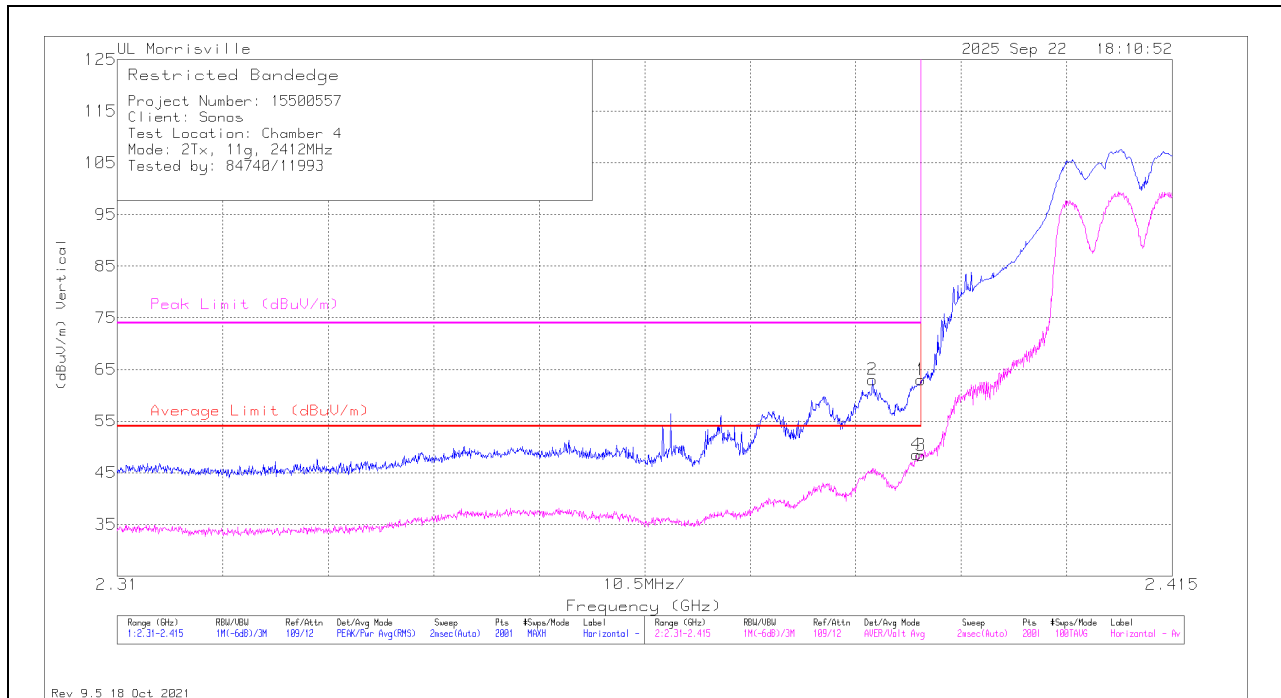
ADV - Linear Voltage Average

10.1.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

2TX ANTENNA 1 + ANTENNA 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	54	Pk	32	-23	63	-	-	74	-11	329	307	H
2	*** 2.38518	53.94	Pk	32	-22.9	63.04	-	-	74	-10.96	329	307	H
3	*** 2.38996	39.41	ADV	32	-23	48.41	54	-5.59	-	-	329	307	H
4	*** 2.38954	39.55	ADV	32	-23	48.55	54	-5.45	-	-	329	307	H

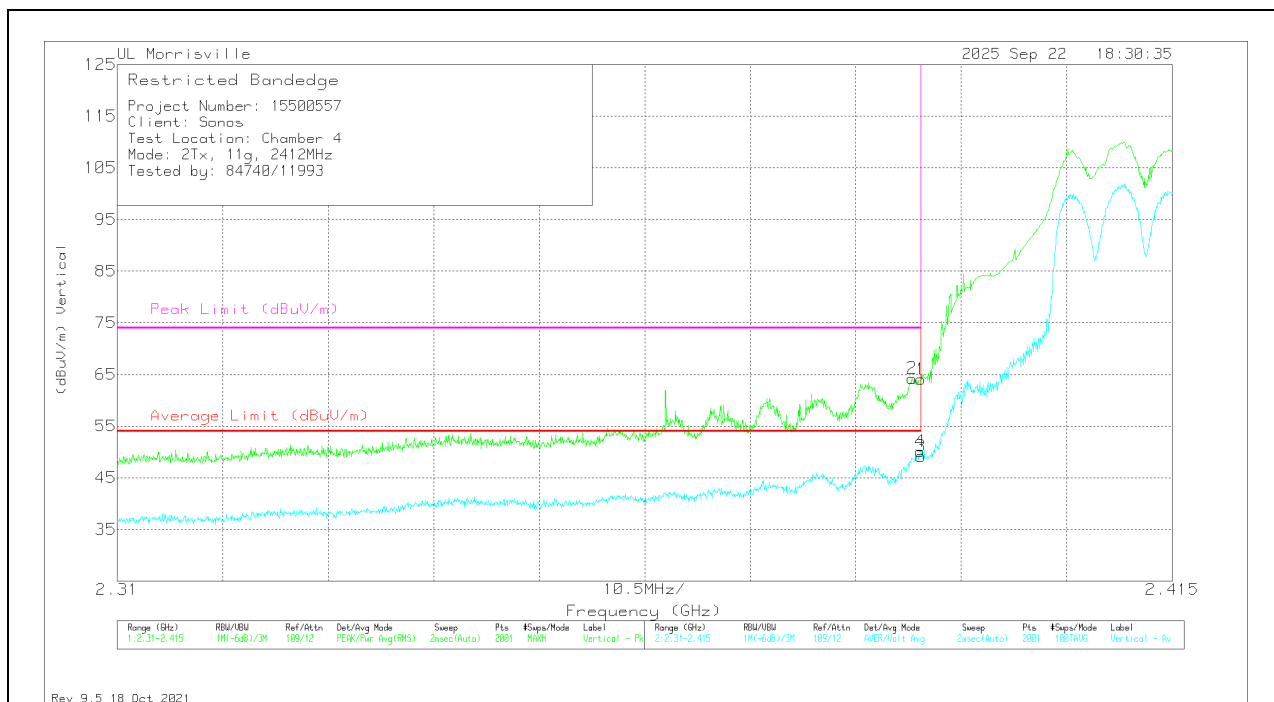
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	55.08	Pk	32	-23	64.08	-	-	74	-9.92	127	316	V
2	*** 2.38912	55.23	Pk	32	-23	64.23	-	-	74	-9.77	127	316	V
3	*** 2.38996	40.18	ADV	32	-23	49.18	54	-4.82	-	-	127	316	V
4	*** 2.38991	41.08	ADV	32	-23	50.08	54	-3.92	-	-	127	316	V

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

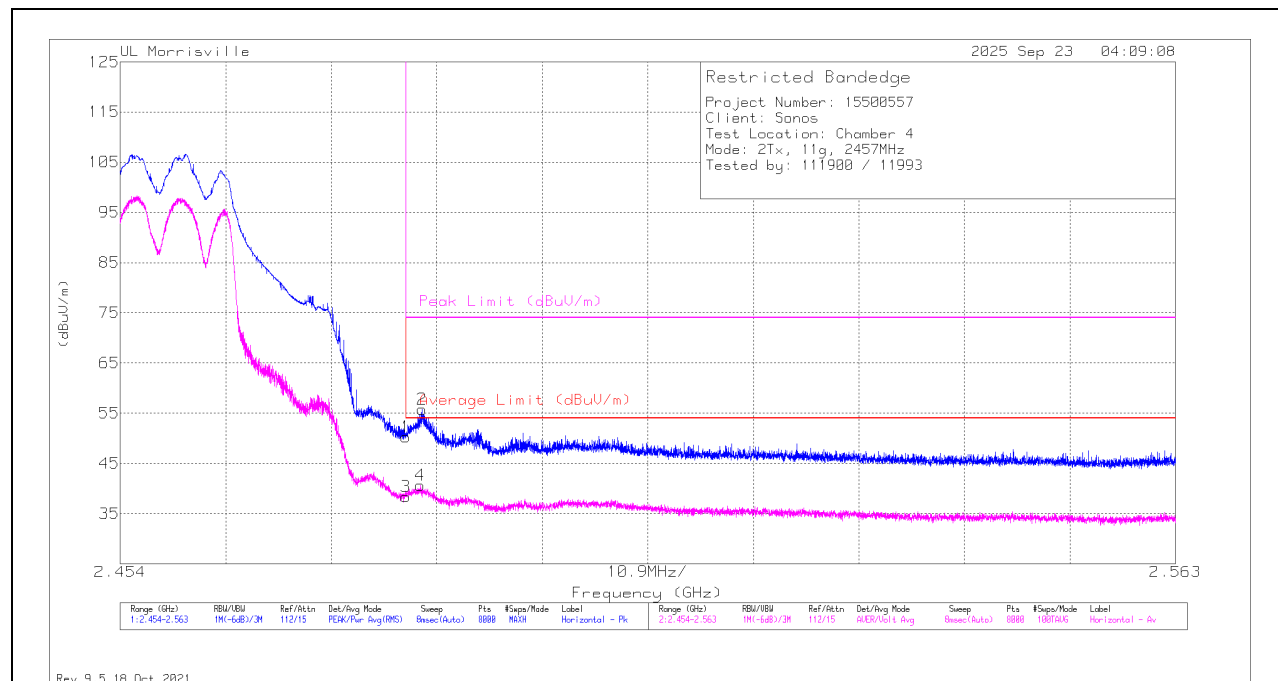
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.4835	41.18	Pk	32.3	-23.2	0	50.28	-	-	74	-23.72	241	148	H
2	* ** 2.48519	46.73	Pk	32.4	-23.3	0	55.83	-	-	74	-18.17	241	148	H
3	* ** 2.4835	29.33	ADV	32.3	-23.2	0	38.43	54	-15.57	-	-	241	148	H
4	* ** 2.485	31.5	ADV	32.4	-23.3	0	40.6	54	-13.4	-	-	241	148	H

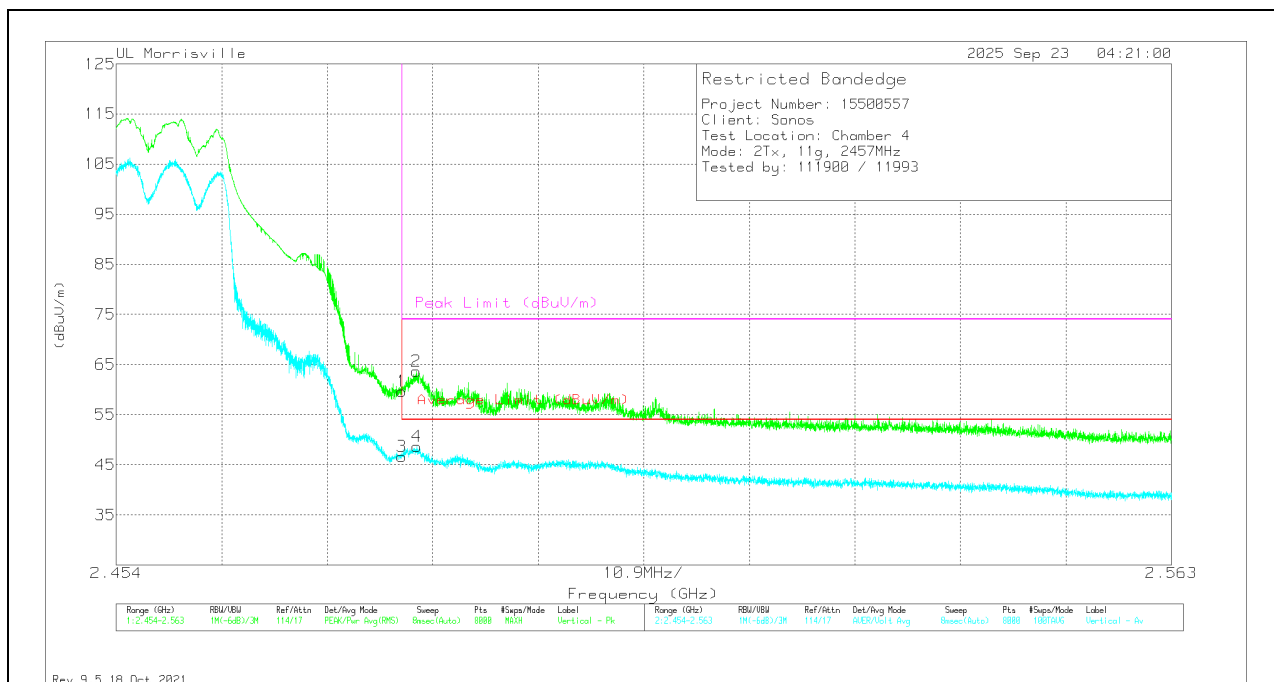
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.4835	50.61	Pk	32.3	-23.2	0	59.71	-	-	74	-14.29	325	116	V
2	*** 2.485	54.55	Pk	32.4	-23.3	0	63.65	-	-	74	-10.35	325	116	V
3	*** 2.4835	37.55	ADV	32.3	-23.2	0	46.65	54	-7.35	-	-	325	116	V
4	*** 2.48507	39.51	ADV	32.4	-23.3	0	48.61	54	-5.39	-	-	325	116	V

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

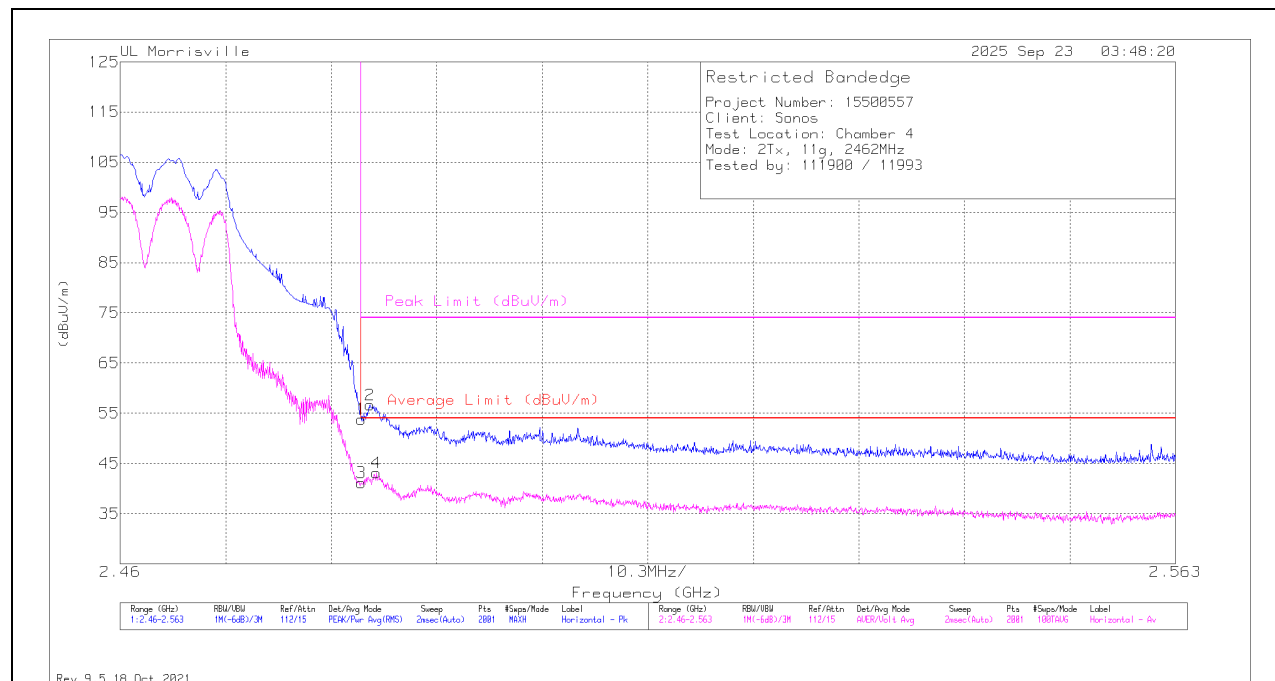
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.48354	44.73	Pk	32.3	-23.2	0	53.83	-	-	74	-20.17	290	130	H
2	* ** 2.48441	47.51	Pk	32.3	-23.2	0	56.61	-	-	74	-17.39	290	130	H
3	* ** 2.48354	32.06	ADV	32.3	-23.2	0	41.16	54	-12.84	-	-	290	130	H
4	* ** 2.48503	33.99	ADV	32.4	-23.3	0	43.09	54	-10.91	-	-	290	130	H

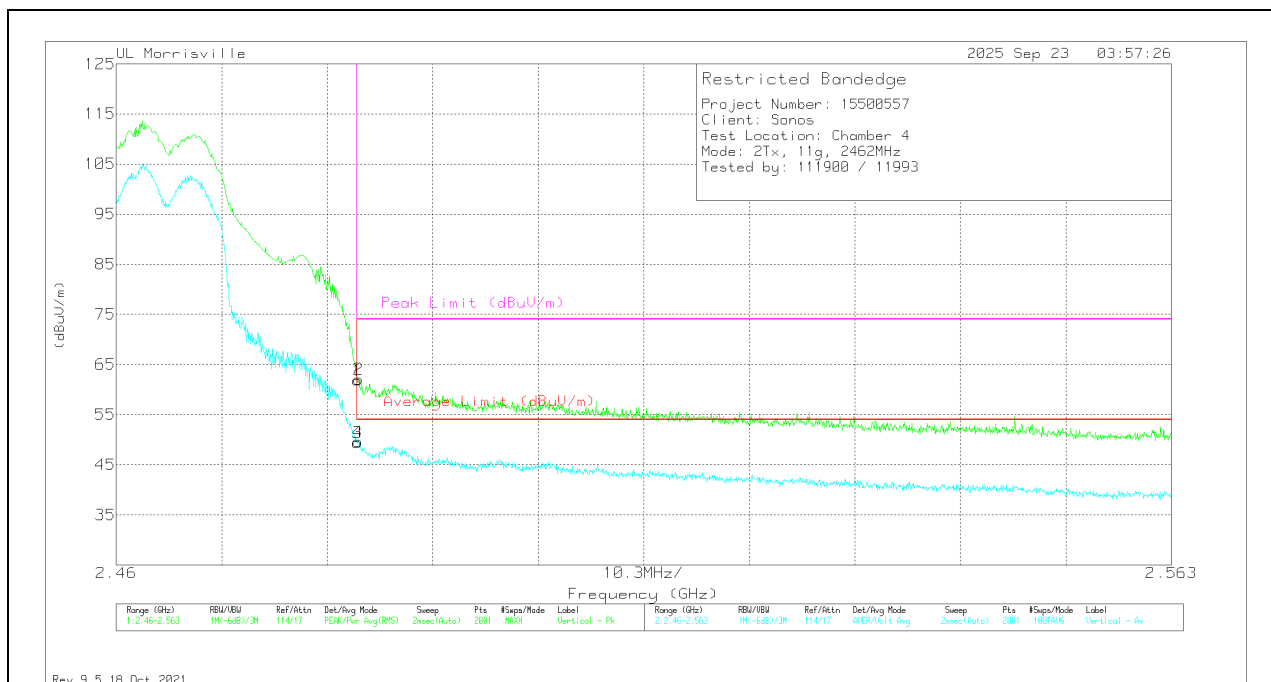
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.48354	52.75	Pk	32.3	-23.2	0	61.85	-	-	74	-12.15	327	127	V
2	* ** 2.48364	52.95	Pk	32.3	-23.2	0	62.05	-	-	74	-11.95	327	127	V
3	* ** 2.48354	40.33	ADV	32.3	-23.2	0	49.43	54	-4.57	-	-	327	127	V
4	* ** 2.48359	40.49	ADV	32.3	-23.2	0	49.59	54	-4.41	-	-	327	127	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

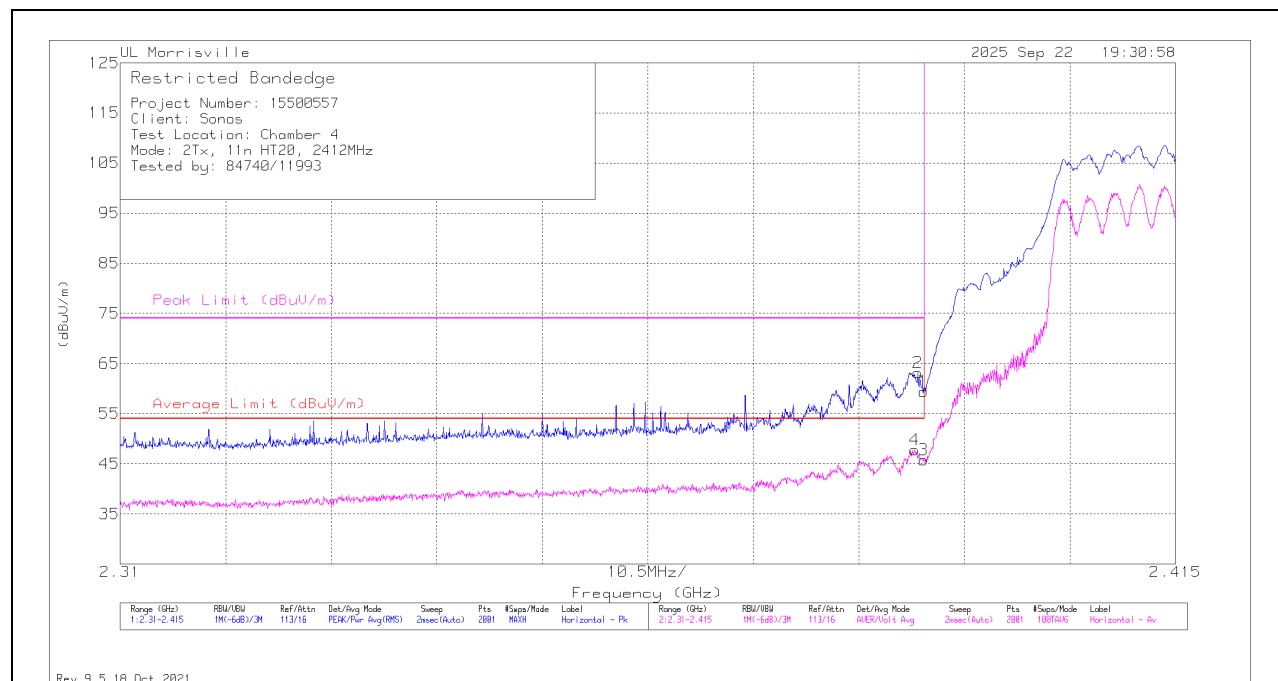
ADV - Linear Voltage Average

10.1.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

2TX ANTENNA 1 + ANTENNA 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	50.39	Pk	32	-23	59.39	-	-	74	-14.61	99	110	H
2	*** 2.38938	54.18	Pk	32	-23	63.18	-	-	74	-10.82	99	110	H
3	*** 2.38996	36.78	ADV	32	-23	45.78	54	-8.22	-	-	99	110	H
4	*** 2.38907	38.78	ADV	32	-23	47.78	54	-6.22	-	-	99	110	H

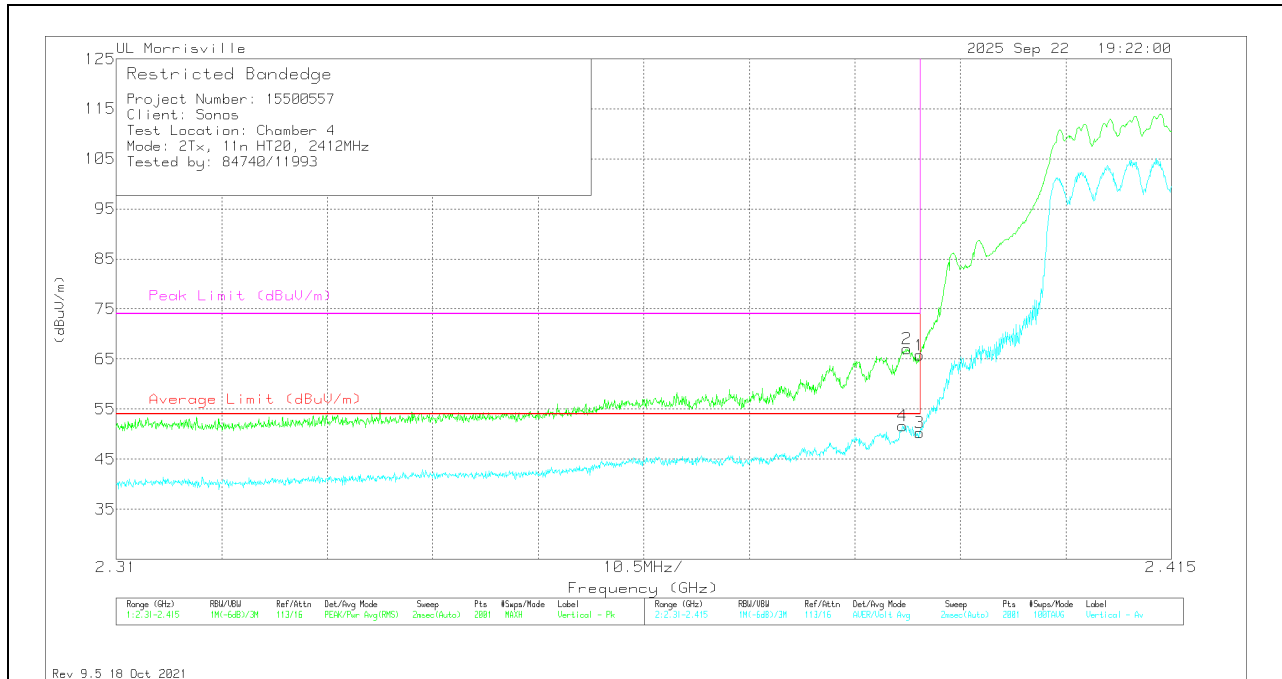
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	56.74	Pk	32	-23	65.74	-	-	74	-8.26	325	119	V
2	*** 2.3887	58.1	Pk	32	-23	67.1	-	-	74	-6.9	325	119	V
3	*** 2.38996	41.25	ADV	32	-23	50.25	54	-3.75	-	-	325	119	V
4	*** 2.38823	42.56	ADV	32	-22.9	51.66	54	-2.34	-	-	325	119	V

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

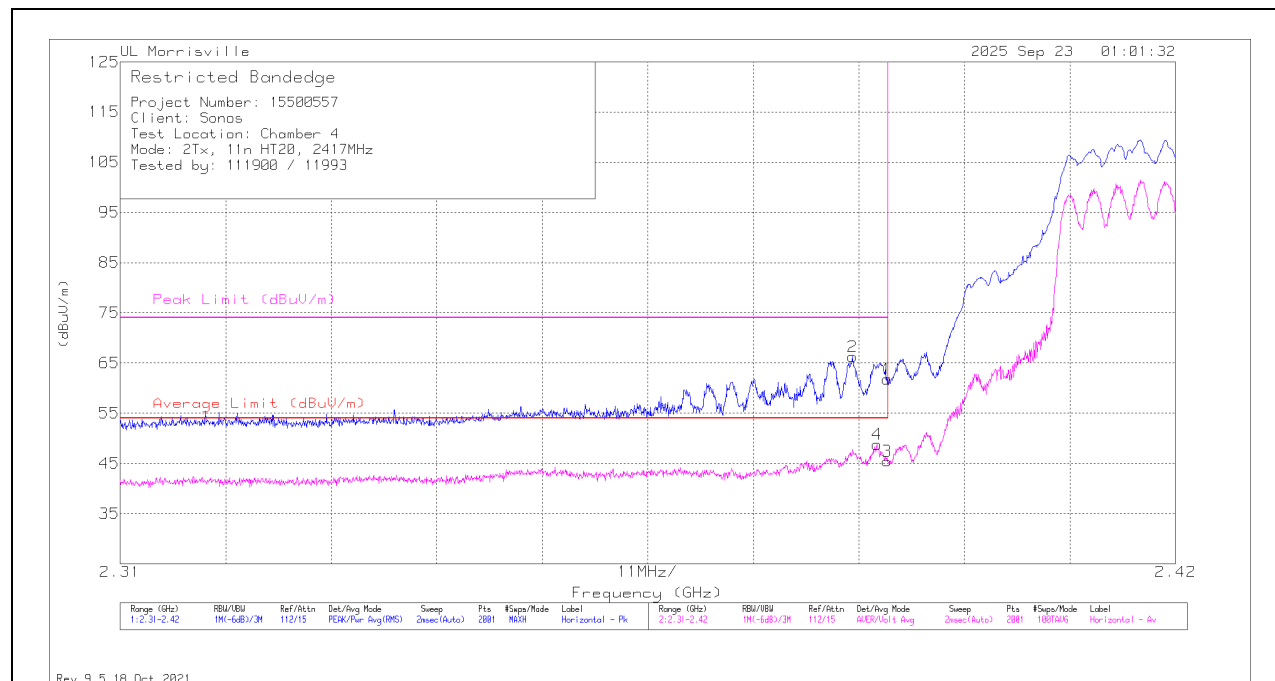
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38997	52.8	Pk	32	-23	61.8	-	-	74	-12.2	93	123	H
2	*** 2.38634	57.14	Pk	32	-22.9	66.24	-	-	74	-7.76	93	123	H
3	*** 2.38997	36.45	ADV	32	-23	45.45	54	-8.55	-	-	93	123	H
4	*** 2.38887	39.78	ADV	32	-23	48.78	54	-5.22	-	-	93	123	H

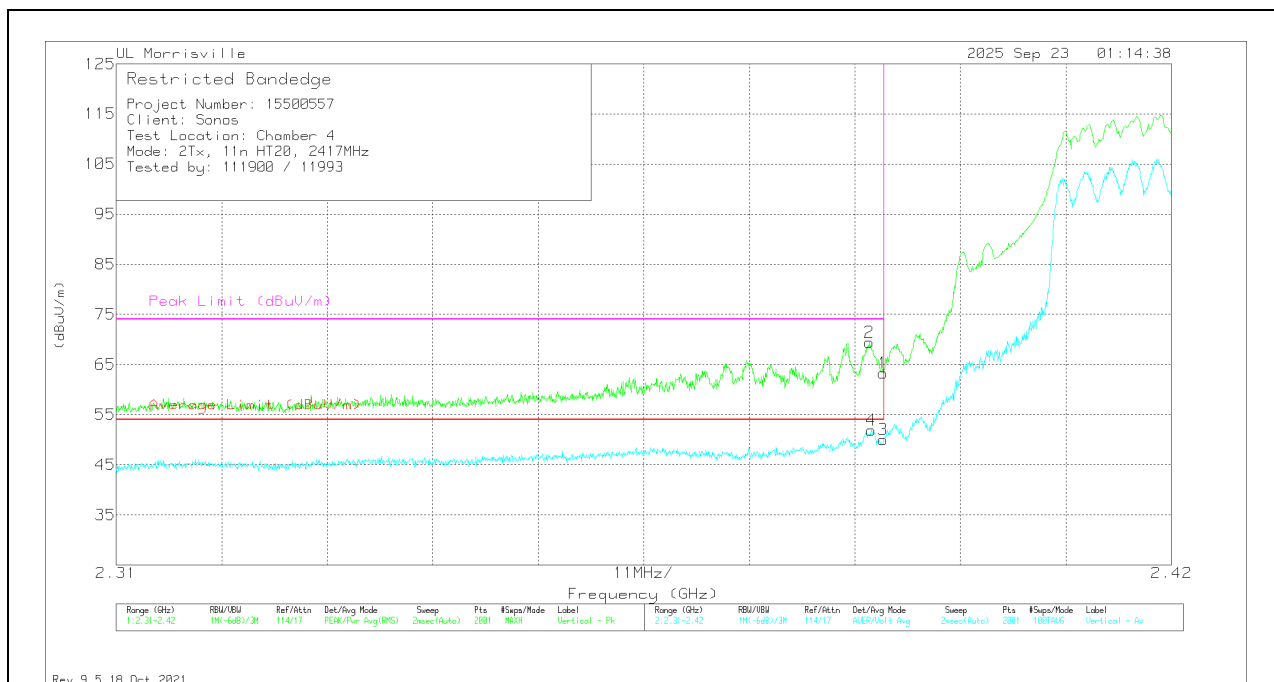
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38997	54.25	Pk	32	-23	63.25	-	-	74	-10.75	324	120	V
2	*** 2.38849	60.39	Pk	32	-23	69.39	-	-	74	-4.61	324	120	V
3	*** 2.38997	40.99	ADV	32	-23	49.99	54	-4.01	-	-	324	120	V
4	*** 2.38871	42.86	ADV	32	-23	51.86	54	-2.14	-	-	324	120	V

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

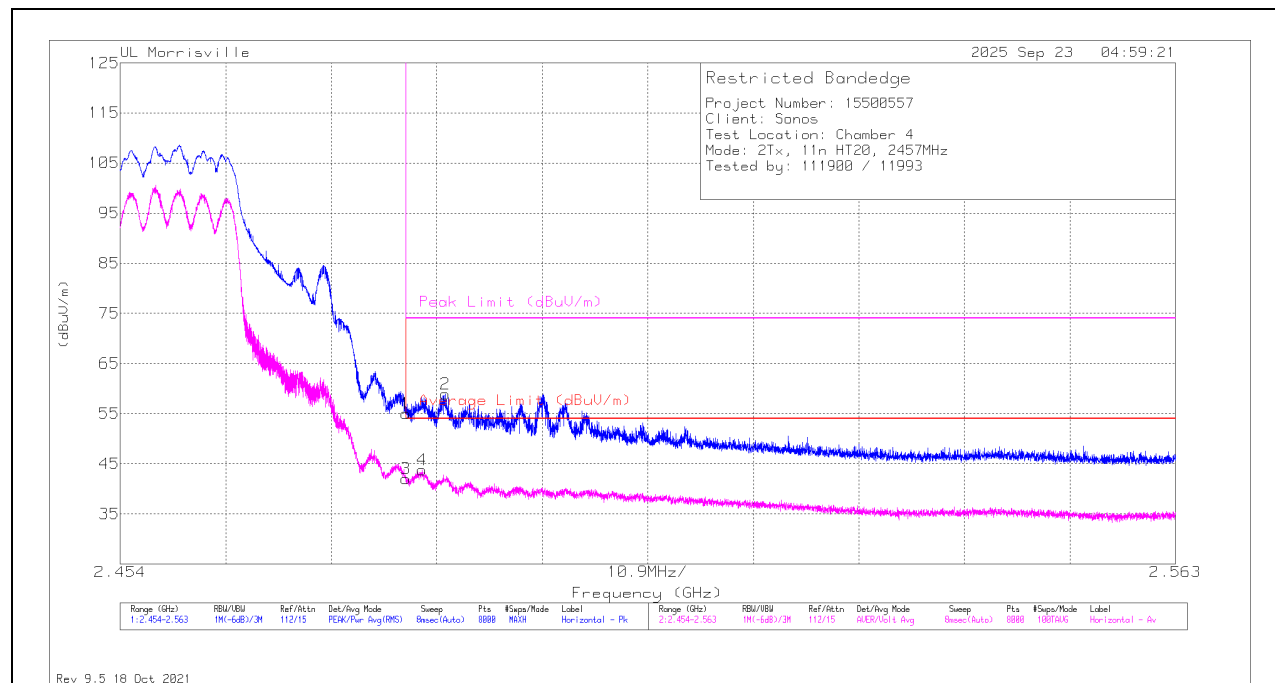
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	45.94	Pk	32.3	-23.2	55.04	-	-	74	-18.96	300	277	H
2	*** 2.48758	49.96	Pk	32.4	-23.4	58.96	-	-	74	-15.04	300	277	H
3	*** 2.4835	32.9	ADV	32.3	-23.2	42	54	-12	-	-	300	277	H
4	*** 2.48518	34.66	ADV	32.4	-23.3	43.76	54	-10.24	-	-	300	277	H

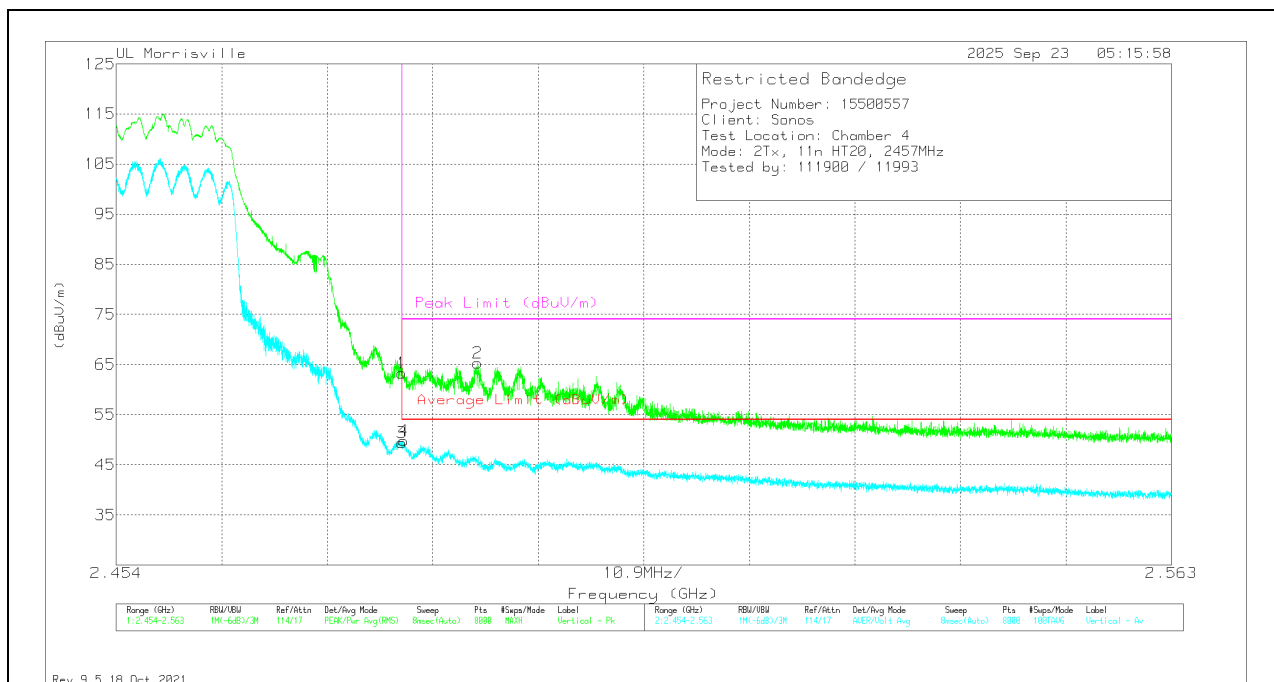
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	54.18	Pk	32.3	-23.2	63.28	-	-	74	-10.72	323	110	V
2	*** 2.49134	56.64	Pk	32.4	-23.7	65.34	-	-	74	-8.66	323	110	V
3	*** 2.4835	40.28	ADV	32.3	-23.2	49.38	54	-4.62	-	-	323	110	V
4	*** 2.48372	40.73	ADV	32.3	-23.2	49.83	54	-4.17	-	-	323	110	V

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

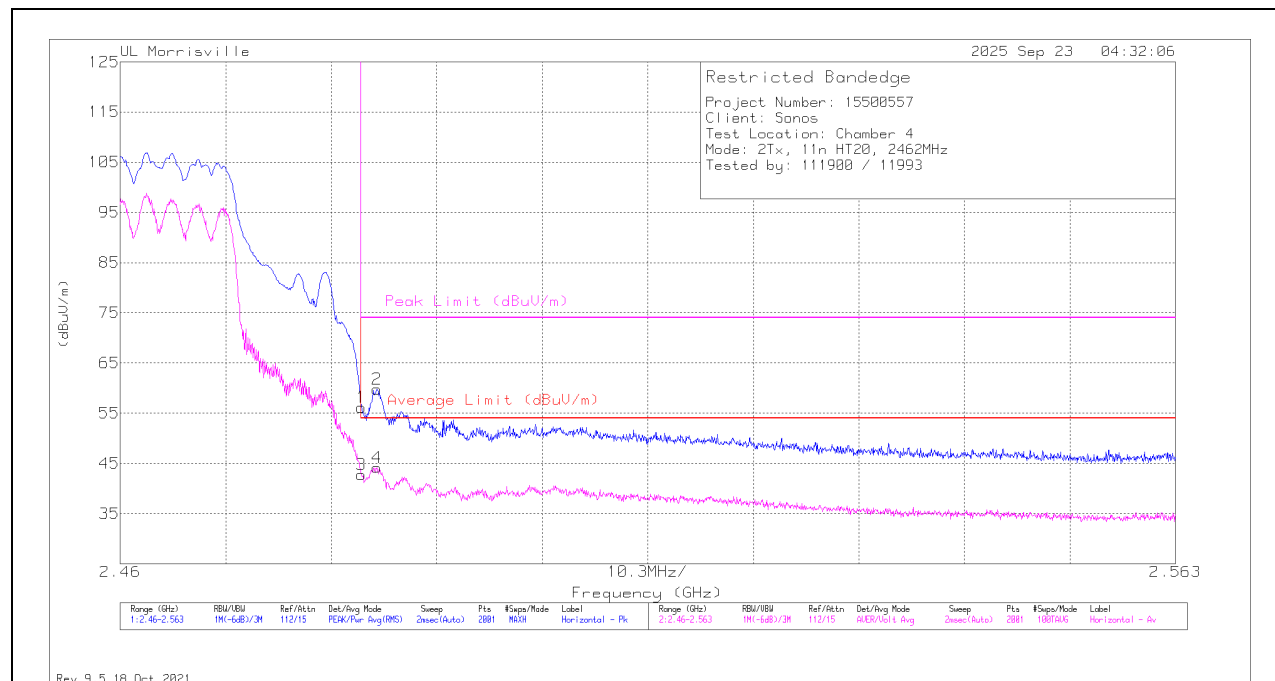
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 11)

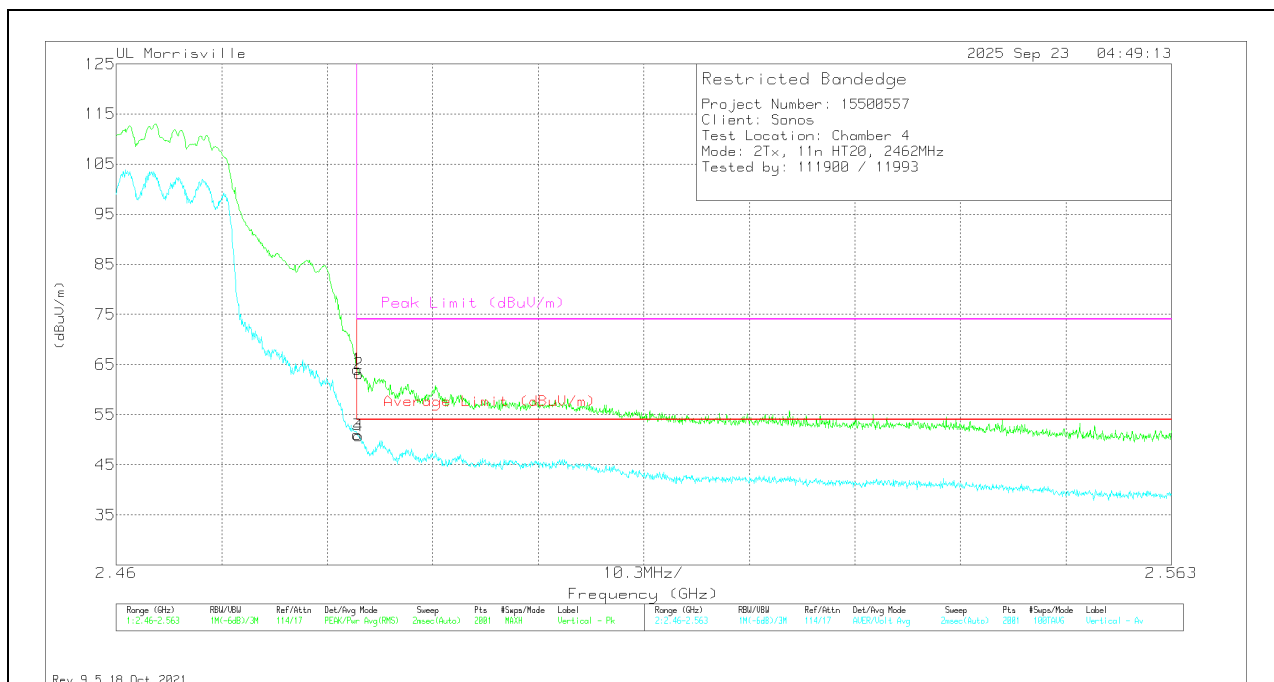
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	47.11	Pk	32.3	-23.2	56.21	-	-	74	-17.79	300	270	H
2	*** 2.48508	50.68	Pk	32.4	-23.3	59.78	-	-	74	-14.22	300	270	H
3	*** 2.48354	33.71	ADV	32.3	-23.2	42.81	54	-11.19	-	-	300	270	H
4	*** 2.48508	35.1	ADV	32.4	-23.3	44.2	54	-9.8	-	-	300	270	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	54.99	Pk	32.3	-23.2	64.09	-	-	74	-9.91	327	116	V
2	*** 2.48369	54.1	Pk	32.3	-23.2	63.2	-	-	74	-10.8	327	116	V
3	*** 2.48354	41.87	ADV	32.3	-23.2	50.97	54	-3.03	-	-	327	116	V
4	*** 2.48364	41.71	ADV	32.3	-23.2	50.81	54	-3.19	-	-	327	116	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

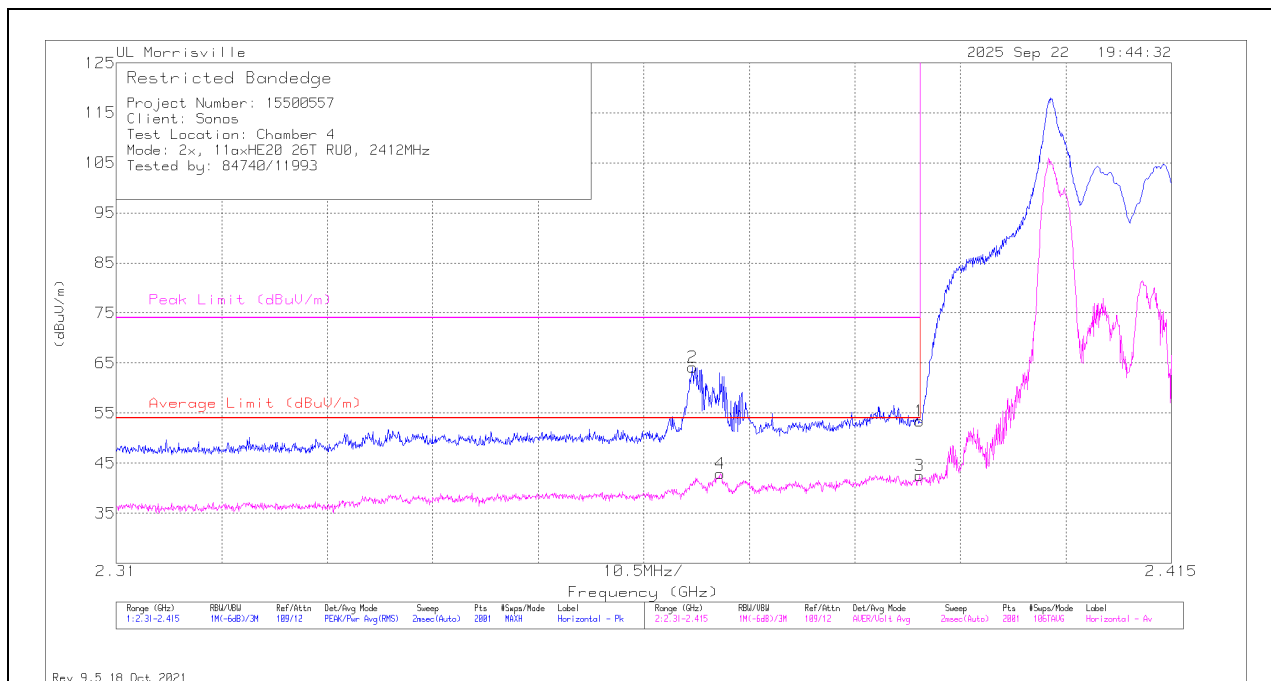
ADV - Linear Voltage Average

10.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 2.4GHz BAND

2TX ANTENNA 1 + ANTENNA 4 CDD MODE: 26T

BANDEDGE (LOW CHANNEL 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.38996	44.44	Pk	32	-23	0	53.44	-	-	74	-20.56	95	100	H
2	* ** 2.36738	56.03	Pk	31.9	-23.8	0	64.13	-	-	74	-9.87	95	100	H
3	* ** 2.38996	32.95	ADV	32	-23	.52	42.47	54	-11.53	-	-	95	100	H
4	* ** 2.37011	34.23	ADV	31.9	-23.8	.52	42.85	54	-11.15	-	-	95	100	H

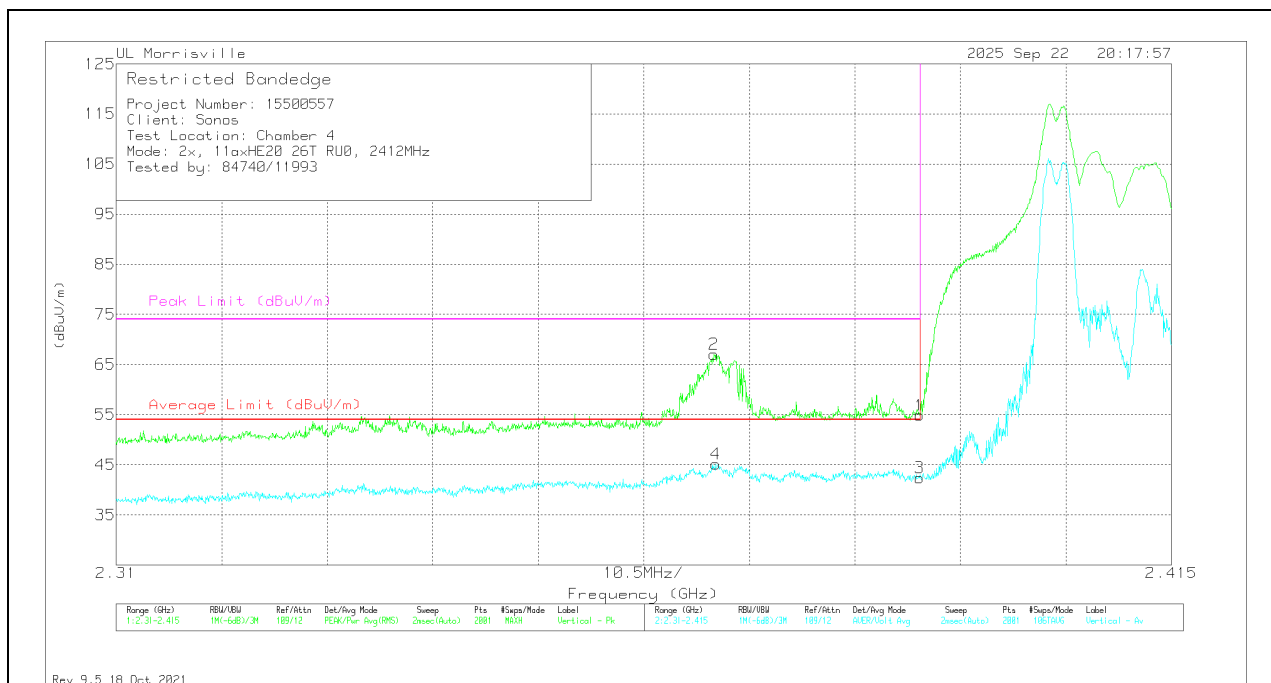
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.38996	45.85	Pk	32	-23	0	54.85	-	-	74	-19.15	319	155	V
2	* ** 2.36948	58.96	Pk	31.9	-23.8	0	67.06	-	-	74	-6.94	319	155	V
3	* ** 2.38996	32.88	ADV	32	-23	.52	42.40	54	-11.60	-	-	319	155	V
4	* ** 2.36964	36.53	ADV	31.9	-23.8	.52	45.15	54	-8.85	-	-	319	155	V

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

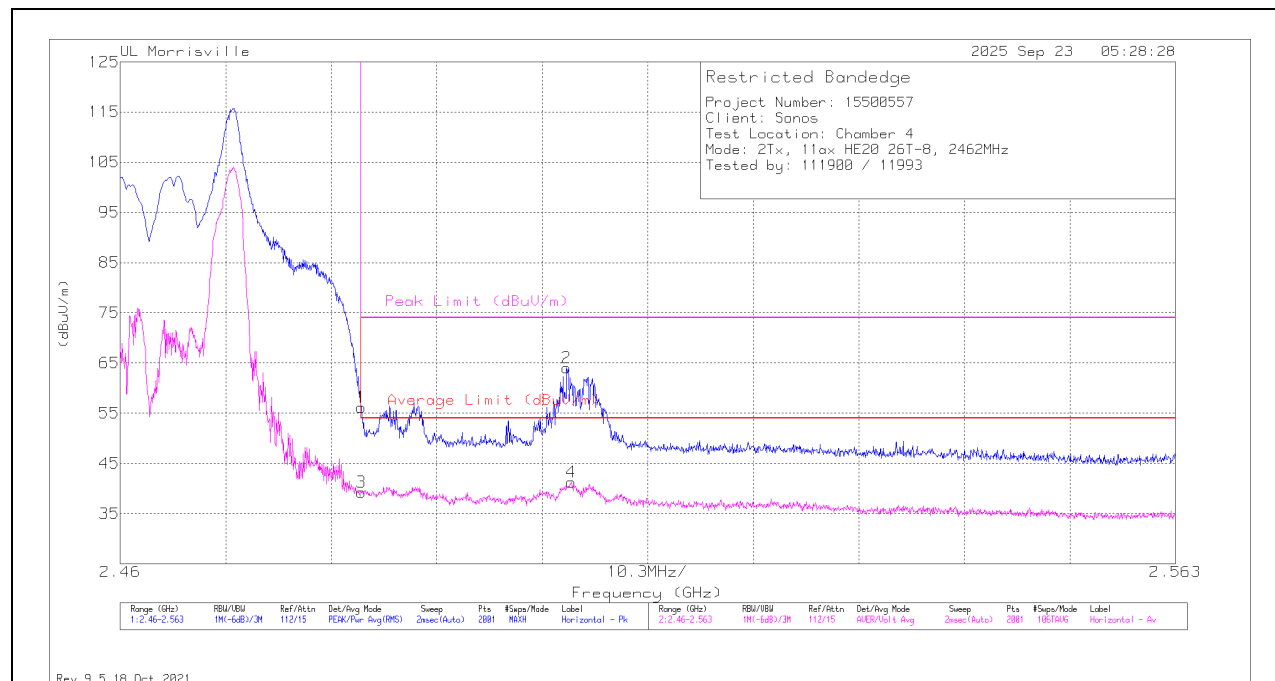
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.48354	47.11	Pk	32.3	-23.2	0	56.21	-	-	74	-17.79	294	274	H
2	** 2.50357	53.89	Pk	32.4	-22.2	0	64.09	-	-	74	-9.91	294	274	H
3	*** 2.48354	29.64	ADV	32.3	-23.2	.52	39.26	54	-14.74	-	-	294	274	H
4	** 2.50403	30.51	ADV	32.4	-22.2	.52	41.23	54	-12.77	-	-	294	274	H

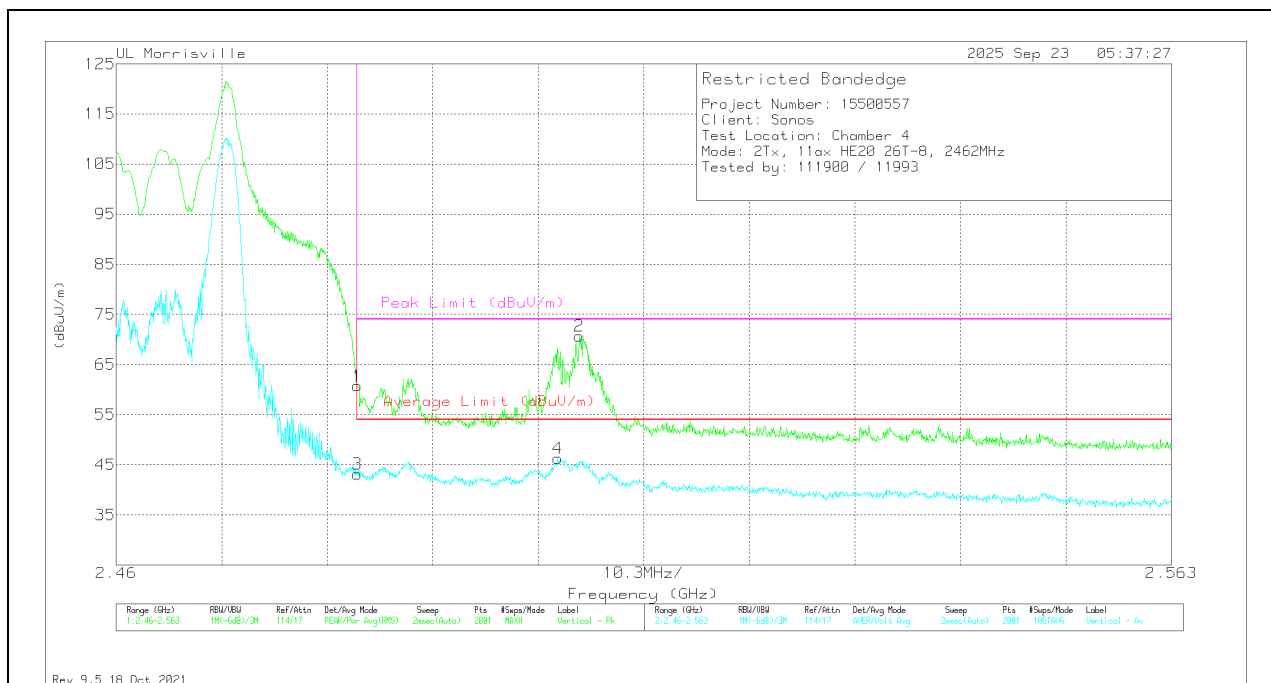
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.48354	51.63	Pk	32.3	-23.2	0	60.73	-	-	74	-13.27	8	117	V
2	** 2.50517	60.6	Pk	32.4	-22.3	0	70.7	-	-	74	-3.3	8	117	V
3	* ** 2.48354	33.57	ADV	32.3	-23.2	.52	43.19	54	-10.81	-	-	8	117	V
4	** 2.50311	35.57	ADV	32.4	-22.2	.52	46.29	54	-7.71	-	-	8	117	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

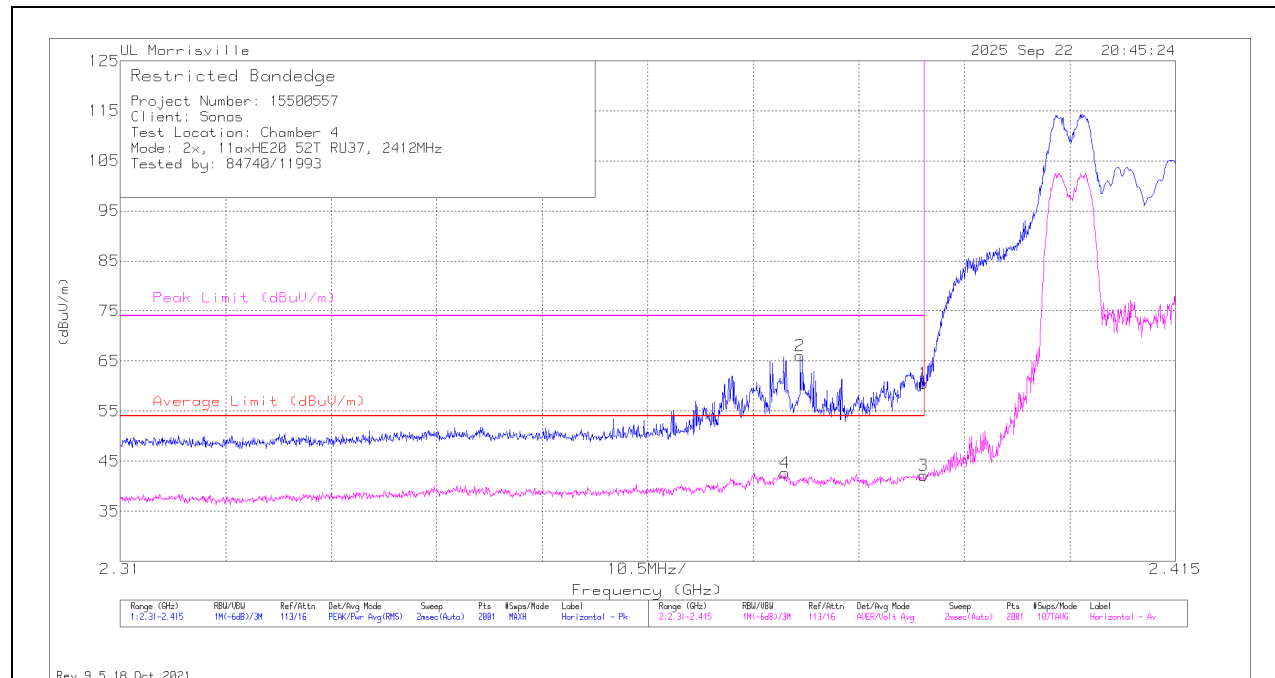
Pk - Peak detector

ADV - Linear Voltage Average

2TX ANTENNA 1 + ANTENNA 4 CDD MODE: 52T

BANDEDGE (LOW CHANNEL 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.38996	51.52	Pk	32	-23	0	60.52	-	-	74	-13.48	331	128	H
2	*** 2.37767	57.64	Pk	32	-23.6	0	66.04	-	-	74	-7.96	331	128	H
3	*** 2.38996	32.54	ADV	32	-23	.6	42.14	54	-11.86	-	-	331	128	H
4	*** 2.37615	33.85	ADV	32	-23.8	.6	42.65	54	-11.35	-	-	331	128	H

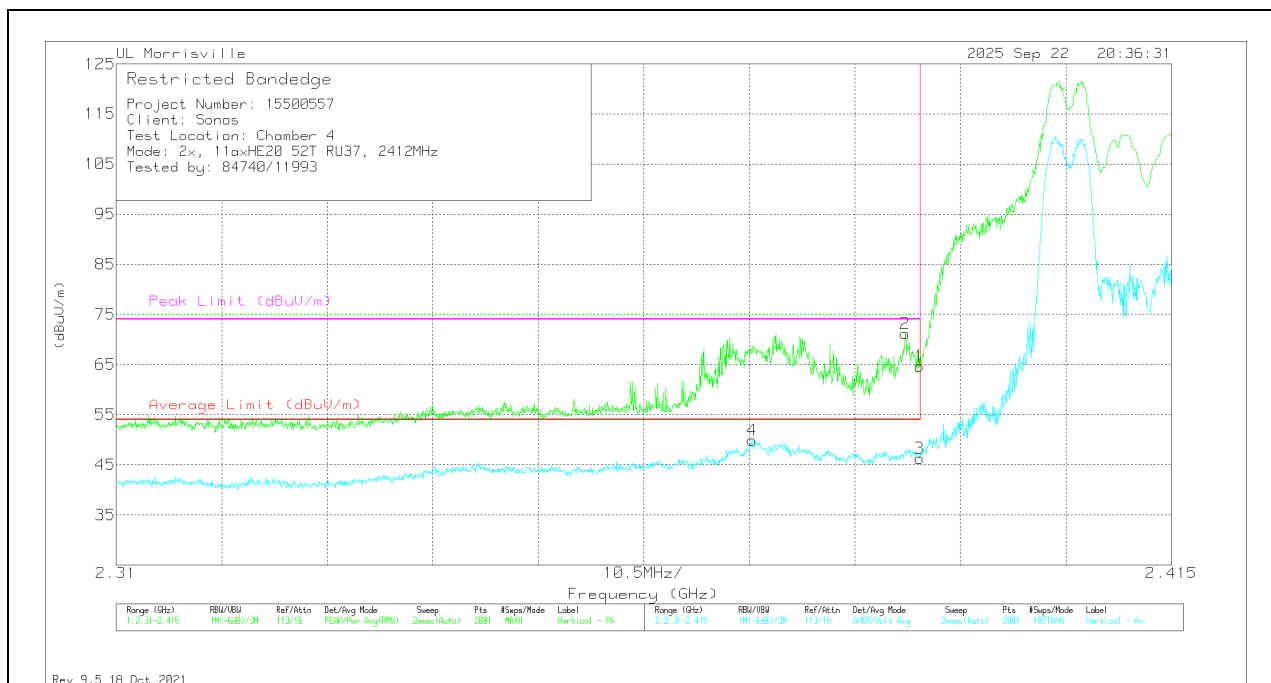
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.38996	55.66	Pk	32	-23	0	64.66	-	-	74	-9.34	327	127	V
2	* ** 2.38849	62.16	Pk	32	-23	0	71.16	-	-	74	-2.84	327	127	V
3	* ** 2.38996	36.67	ADV	32	-23	.6	46.27	54	-7.73	-	-	327	127	V
4	* ** 2.37326	41.28	ADV	31.9	-23.9	.6	49.88	54	-4.12	-	-	327	127	V

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

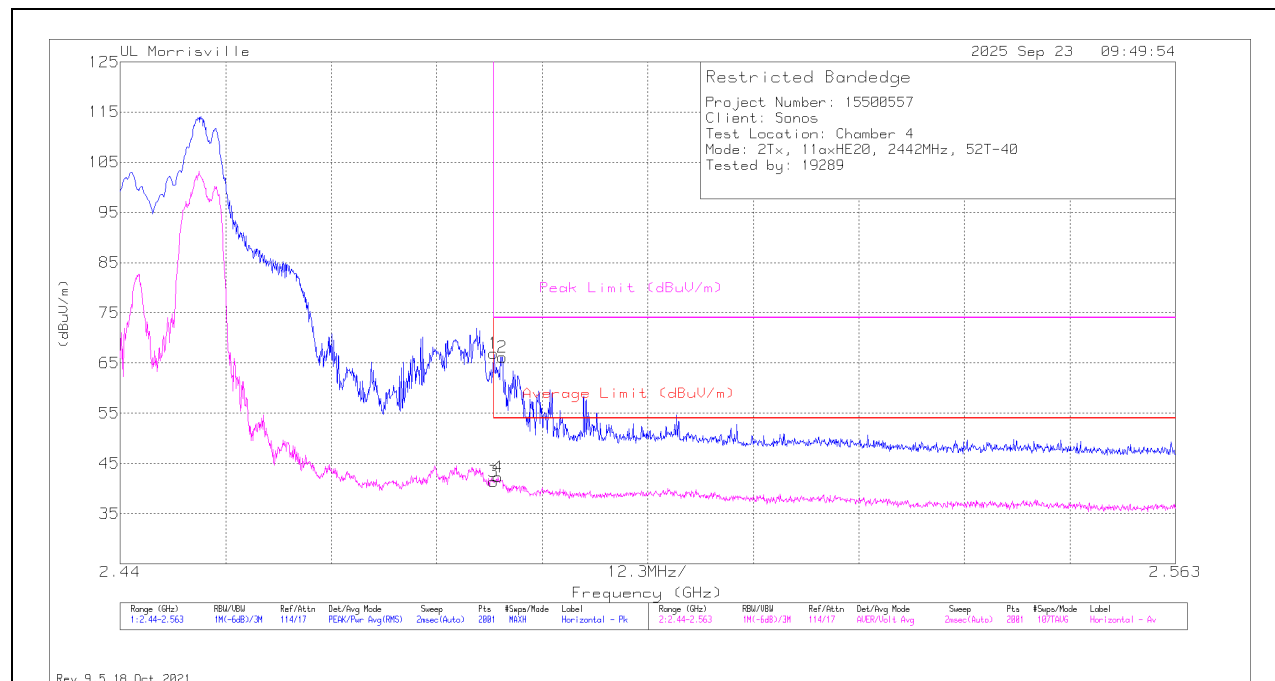
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL 7)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.48354	57.83	Pk	32.3	-23.2	0	66.93	-	-	74	-7.07	325	113	H
2	*** 2.48453	57.06	Pk	32.3	-23.2	0	66.16	-	-	74	-7.84	325	113	H
3	*** 2.48354	31.71	ADV	32.3	-23.2	.6	41.41	54	-12.59	-	-	325	113	H
4	*** 2.48403	32.62	ADV	32.3	-23.2	.6	42.32	54	-11.68	-	-	325	113	H

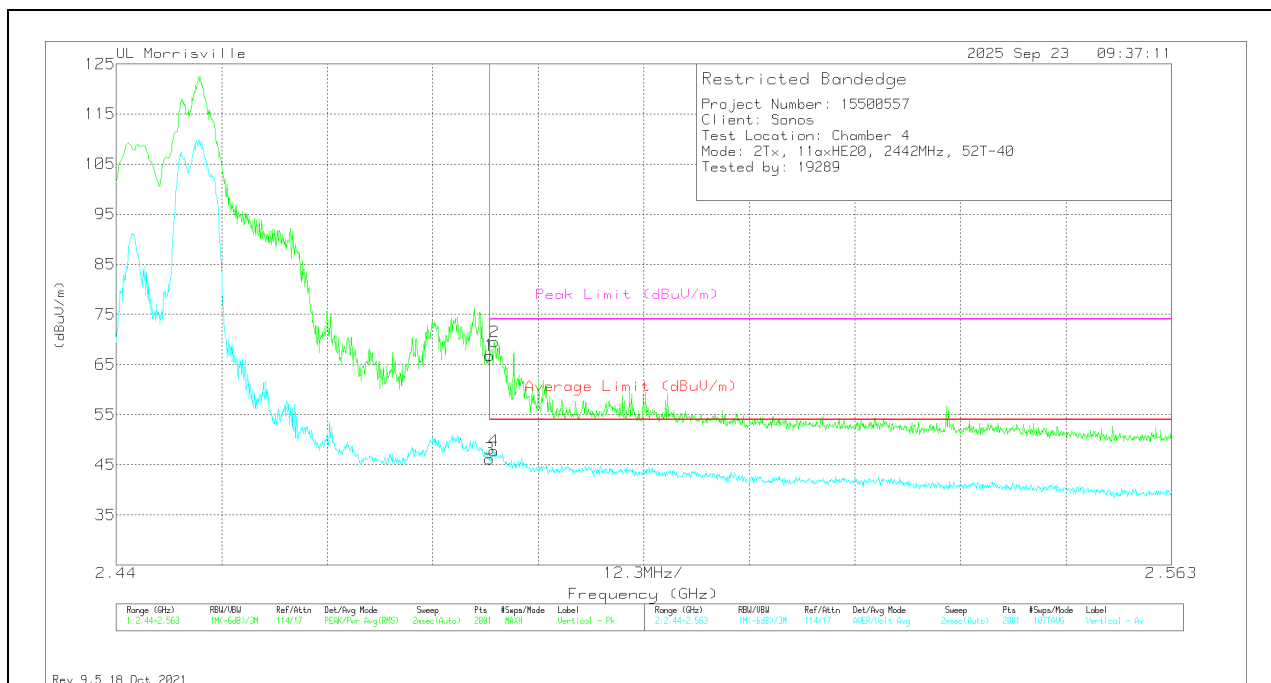
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.48354	57.69	Pk	32.3	-23.2	0	66.79	-	-	74	-7.21	323	135	V
2	* ** 2.4841	60.4	Pk	32.3	-23.2	0	69.5	-	-	74	-4.5	323	135	V
3	* ** 2.48354	36.46	ADV	32.3	-23.2	.6	46.16	54	-7.84	-	-	323	135	V
4	* ** 2.48403	38.09	ADV	32.3	-23.2	.6	47.79	54	-6.21	-	-	323	135	V

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

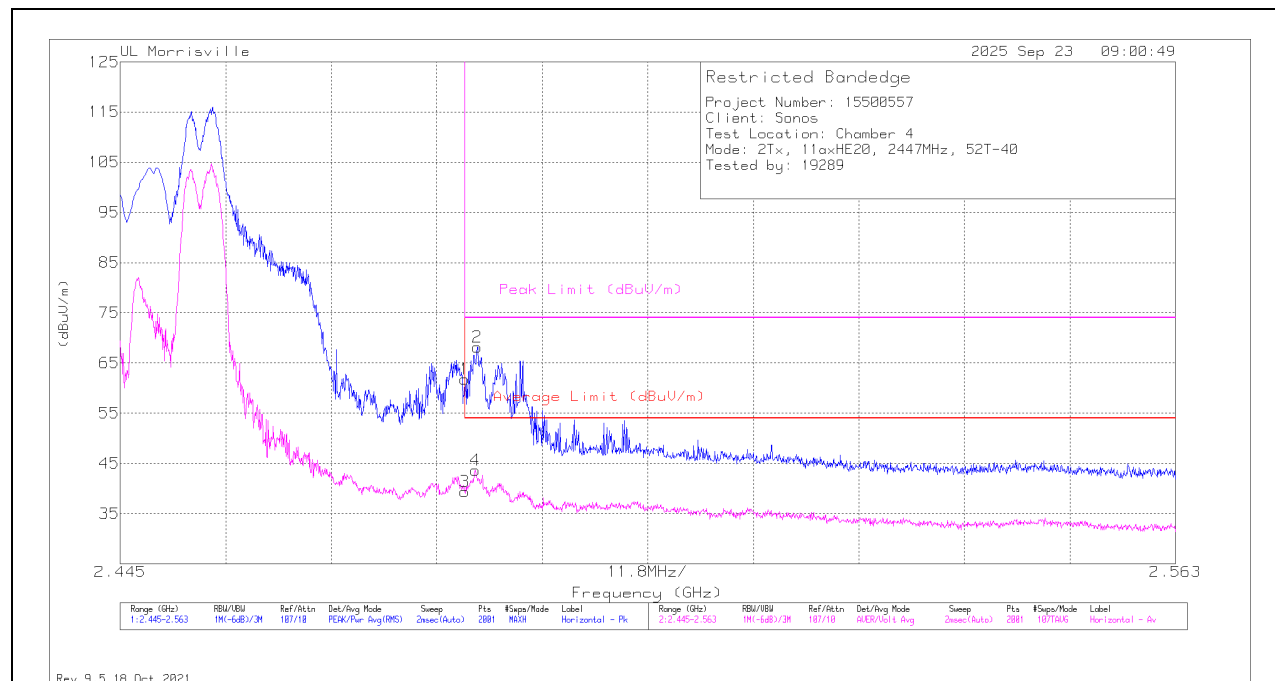
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL 8)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.48353	52.7	Pk	32.3	-23.2	0	61.8	-	-	74	-12.2	105	124	H
2	*** 2.48494	59.19	Pk	32.3	-23.3	0	68.19	-	-	74	-5.81	105	124	H
3	*** 2.48353	29.72	ADV	32.3	-23.2	.6	39.42	54	-14.58	-	-	105	124	H
4	*** 2.48471	34	ADV	32.3	-23.3	.6	43.6	54	-10.4	-	-	105	124	H

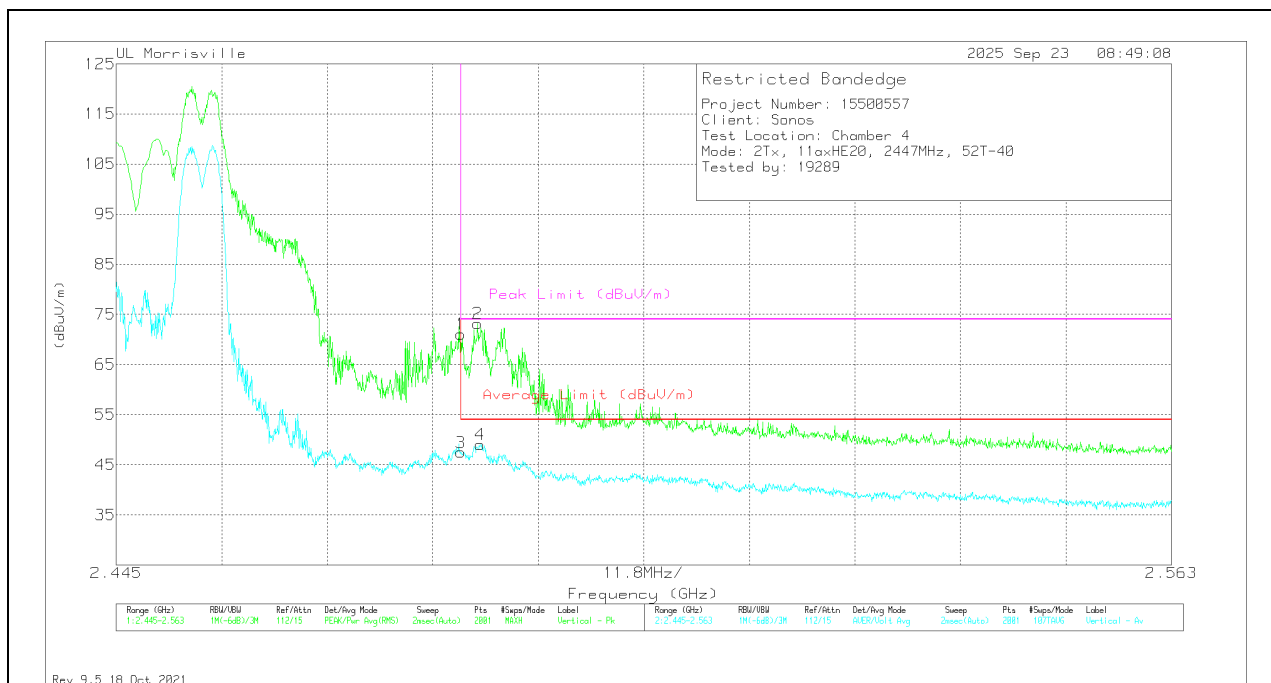
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.48353	61.91	Pk	32.3	-23.2	0	71.01	-	-	74	-2.99	10	116	V
2	* ** 2.48542	64.05	Pk	32.4	-23.3	0	73.15	-	-	74	-.85	10	116	V
3	* ** 2.48353	37.76	ADV	32.3	-23.2	.6	47.46	54	-6.54	-	-	10	116	V
4	* ** 2.48571	39.31	ADV	32.4	-23.3	.6	49.01	54	-4.99	-	-	10	116	V

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

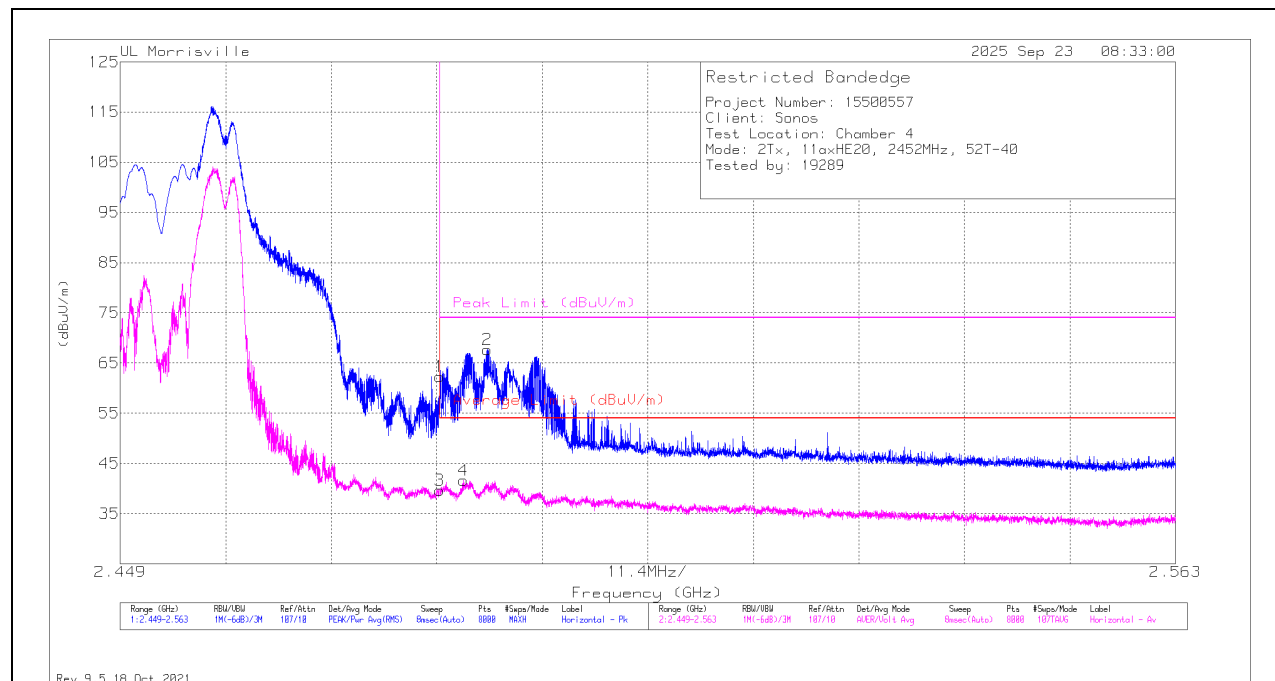
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL 9)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.4835	53.23	Pk	32.3	-23.2	0	62.33	-	-	74	-11.67	99	129	H
2	*** 2.48866	58.77	Pk	32.4	-23.5	0	67.67	-	-	74	-6.33	99	129	H
3	*** 2.4835	29.95	ADV	32.3	-23.2	.6	39.65	54	-14.35	-	-	99	129	H
4	*** 2.48607	31.89	ADV	32.4	-23.3	.6	41.59	54	-12.41	-	-	99	129	H

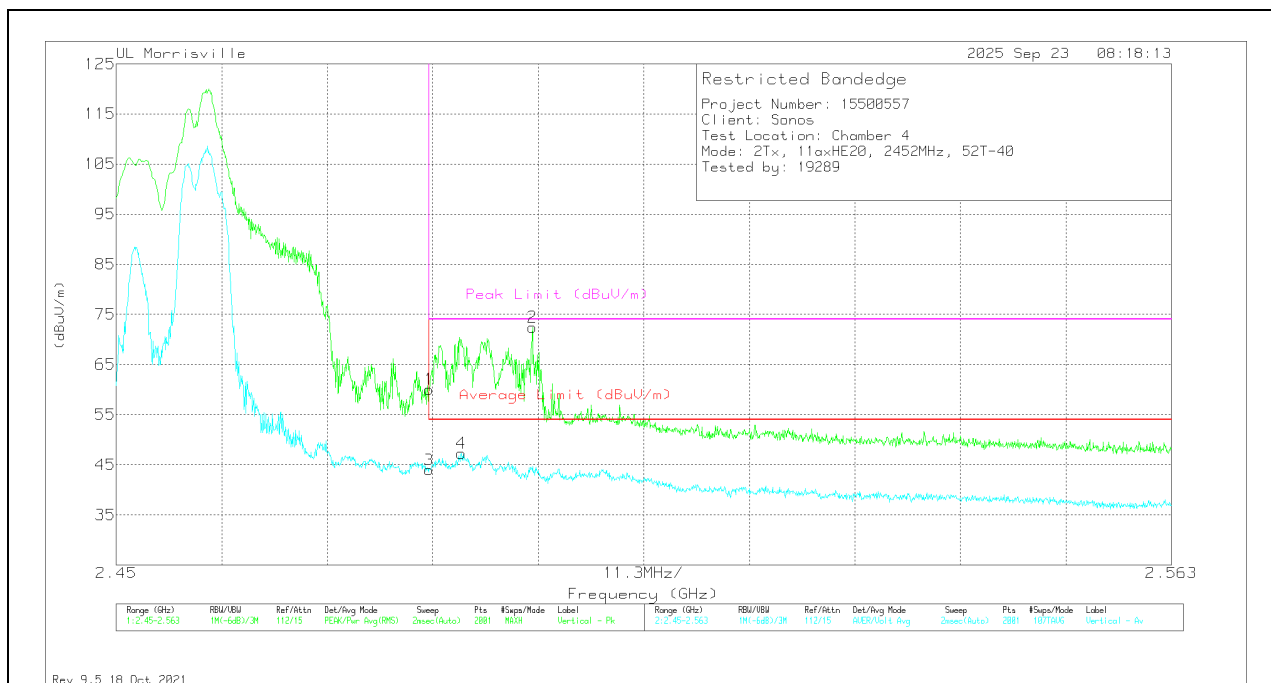
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.4835	50.97	Pk	32.3	-23.2	0	60.07	-	-	74	-13.93	12	129	V
2	*** 2.49458	63.46	Pk	32.4	-23.4	0	72.46	-	-	74	-1.54	12	129	V
3	*** 2.4835	34.26	ADV	32.3	-23.2	.6	43.96	54	-10.04	-	-	12	129	V
4	*** 2.48695	37.66	ADV	32.4	-23.4	.6	47.26	54	-6.74	-	-	12	129	V

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

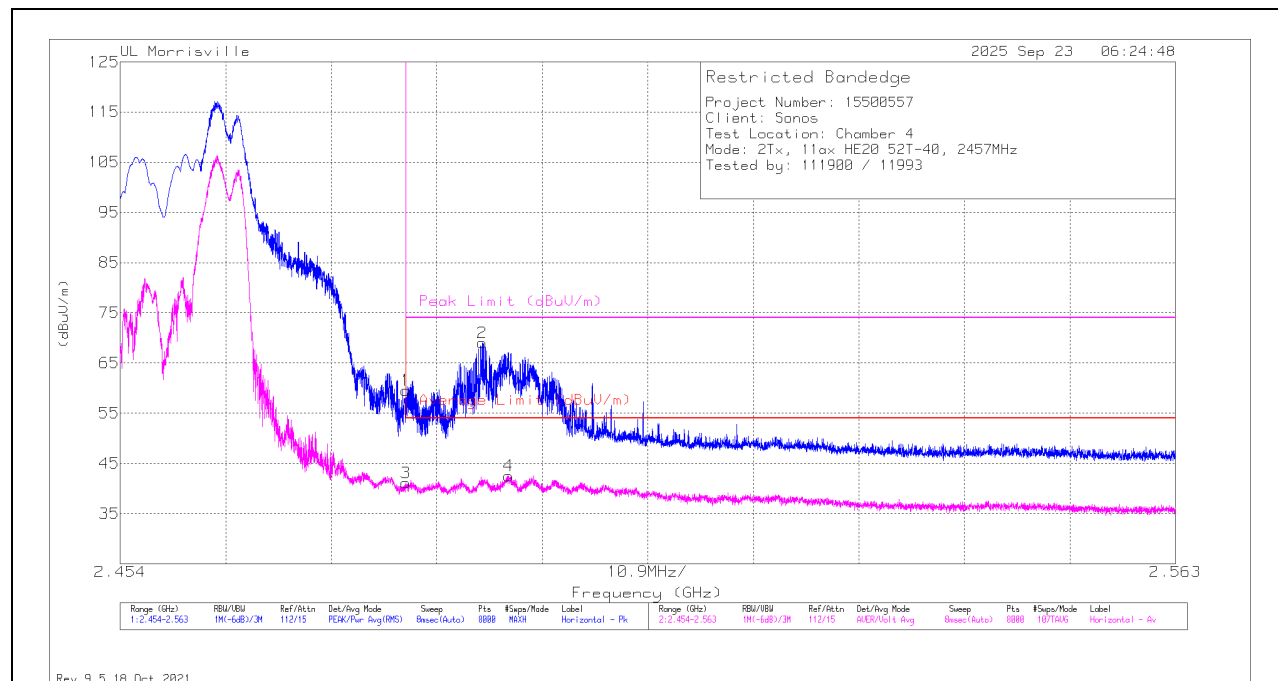
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.4835	50.44	Pk	32.3	-23.2	0	59.54	-	-	74	-14.46	98	113	H
2	* ** 2.49138	60.3	Pk	32.4	-23.7	0	69	-	-	74	-5	98	113	H
3	* ** 2.4835	31.39	ADV	32.3	-23.2	.6	41.09	54	-12.91	-	-	98	113	H
4	* ** 2.4941	33.04	ADV	32.4	-23.5	.6	42.54	54	-11.46	-	-	98	113	H

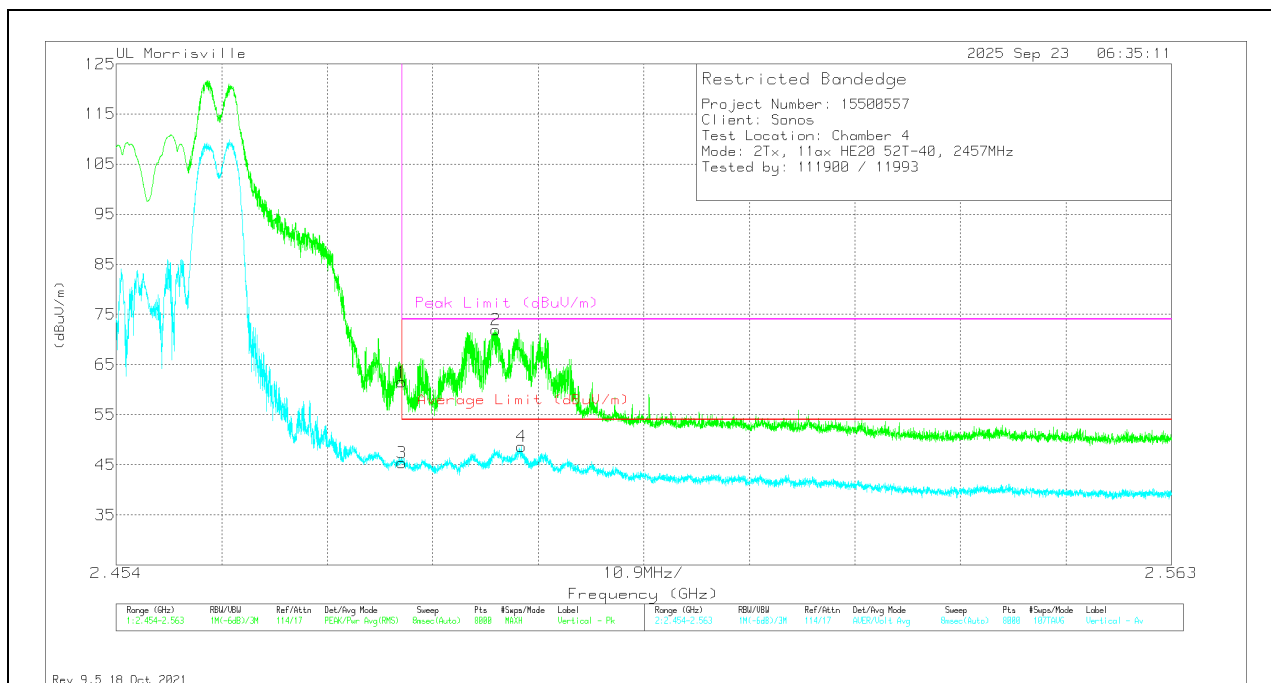
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.4835	52.38	Pk	32.3	-23.2	0	61.48	-	-	74	-12.52	320	110	V
2	*** 2.4932	63.11	Pk	32.4	-23.6	0	71.91	-	-	74	-2.09	320	110	V
3	*** 2.4835	35.72	ADV	32.3	-23.2	.6	45.42	54	-8.58	-	-	320	110	V
4	*** 2.49585	38.9	ADV	32.4	-23.2	.6	48.7	54	-5.3	-	-	320	110	V

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

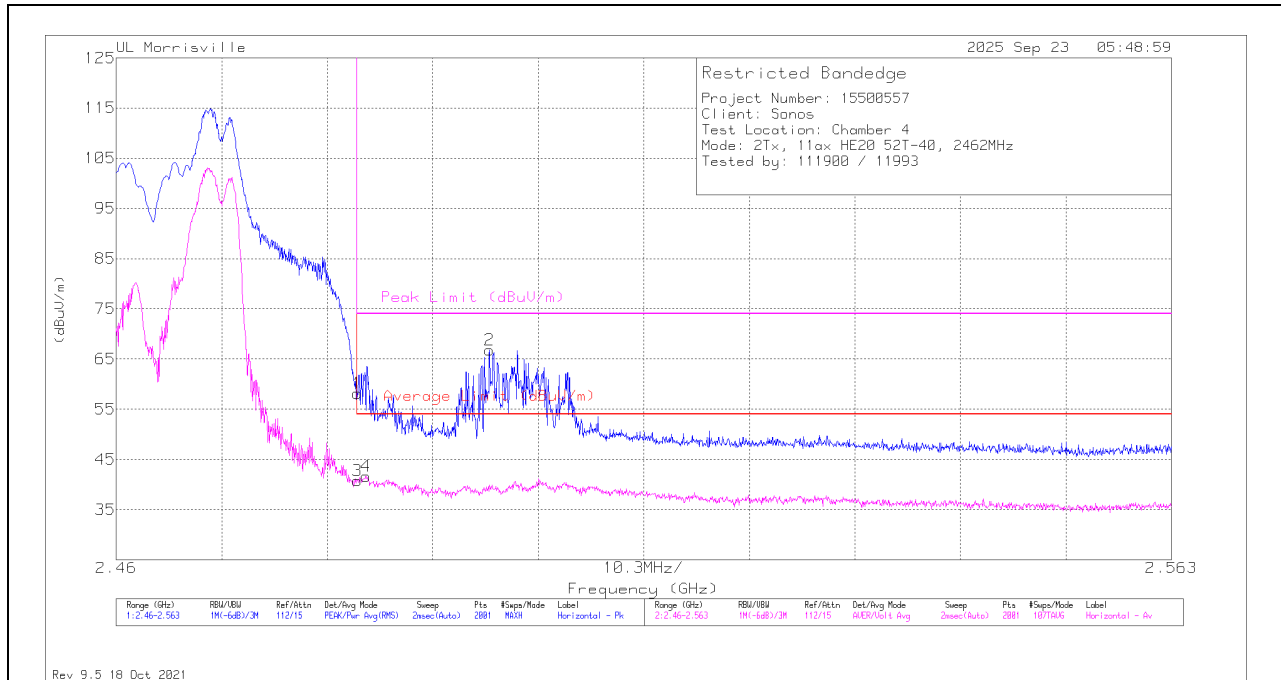
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.48354	49.07	Pk	32.3	-23.2	0	58.17	-	-	74	-15.83	99	100	H
2	*** 2.49646	57.5	Pk	32.4	-23.1	0	66.8	-	-	74	-7.2	99	100	H
3	*** 2.48354	31.11	ADV	32.3	-23.2	.6	40.81	54	-13.19	-	-	99	100	H
4	*** 2.48441	31.91	ADV	32.3	-23.2	.6	41.61	54	-12.39	-	-	99	100	H

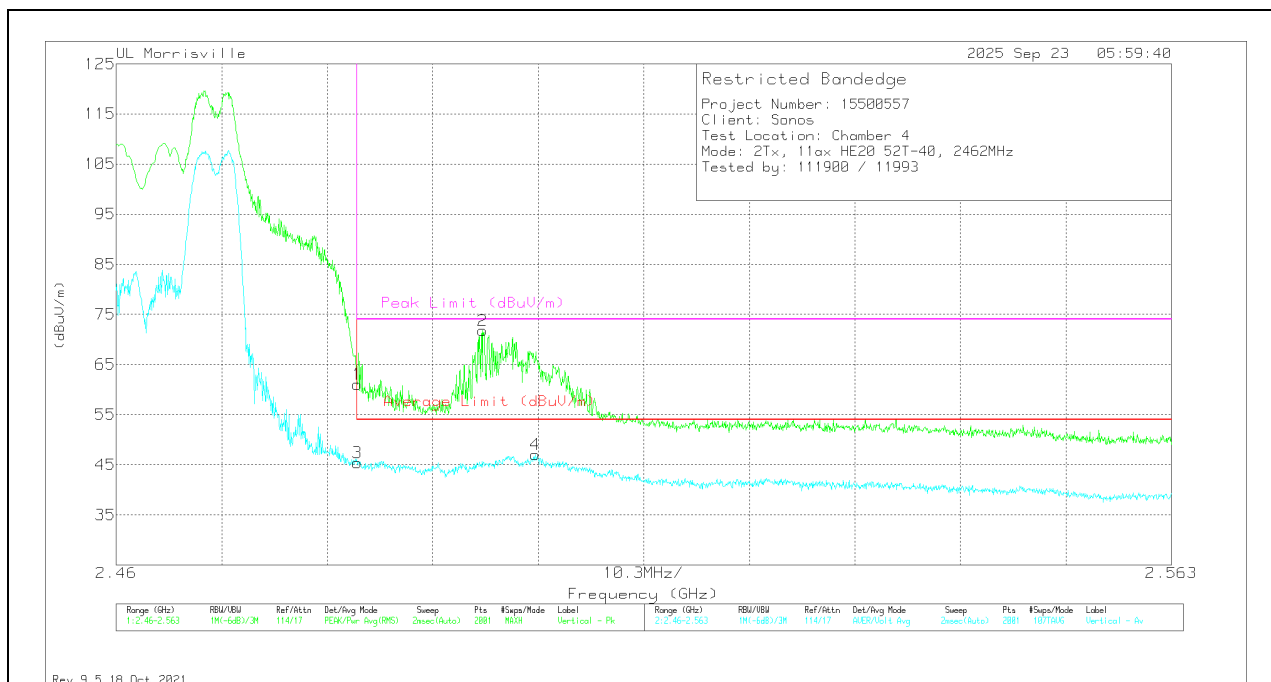
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	* ** 2.48354	51.9	Pk	32.3	-23.2	0	61	-	-	74	-13	327	113	V
2	* ** 2.49579	62.55	Pk	32.4	-23.2	0	71.75	-	-	74	-2.25	327	113	V
3	* ** 2.48354	35.68	ADV	32.3	-23.2	.6	45.38	54	-8.62	-	-	327	113	V
4	** 2.50089	36.51	ADV	32.4	-22.5	.6	47.01	54	-6.99	-	-	327	113	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

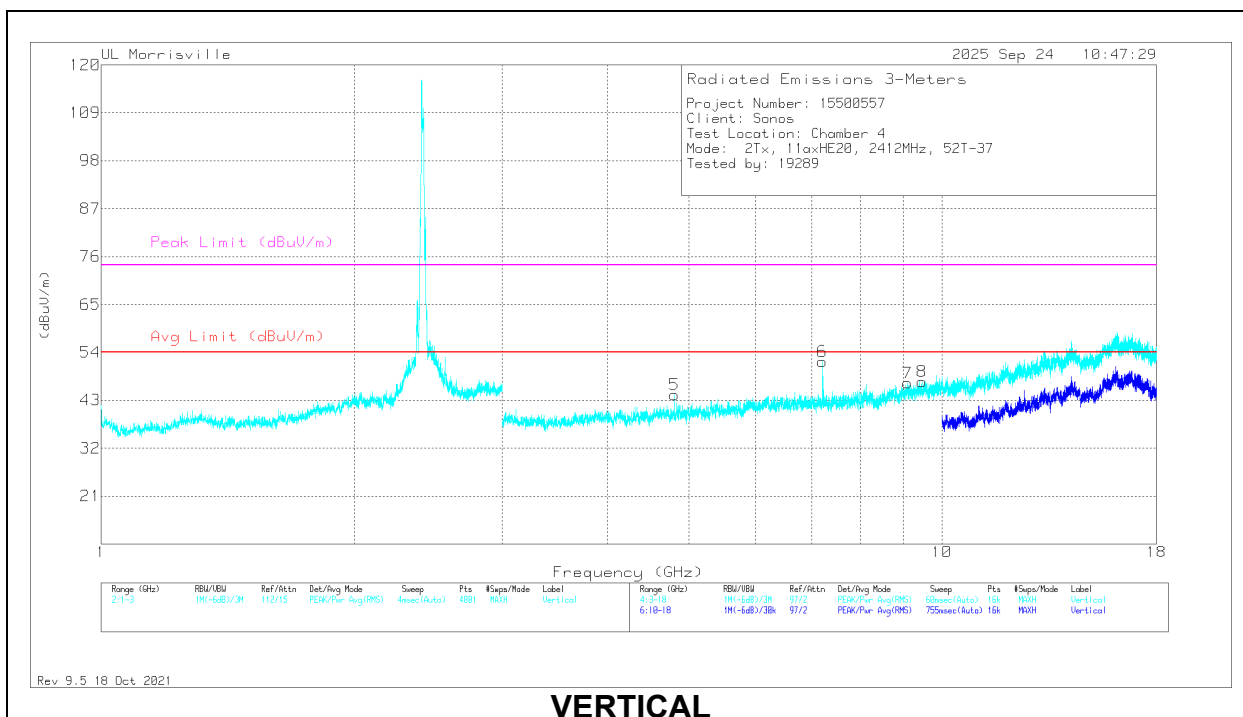
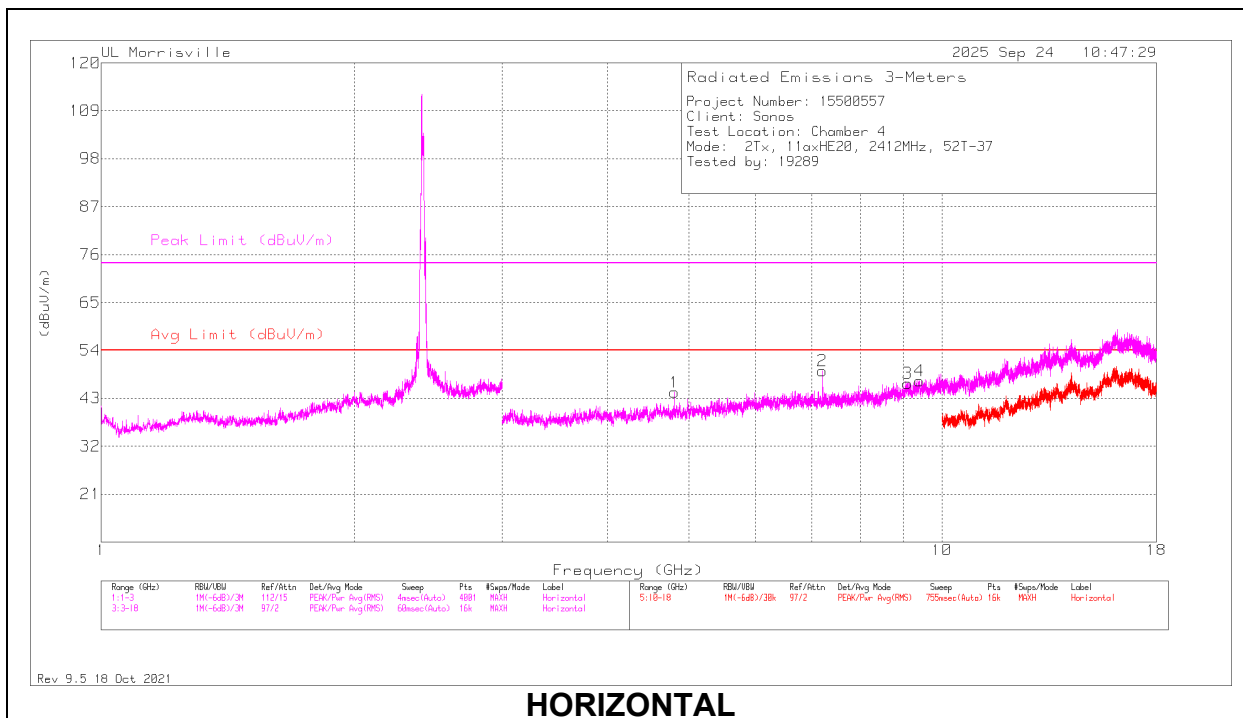
Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

Note – All 11ax 52T spurious emissions were tested at mid channel power settings.

LOW CHANNEL 1 RESULTS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 4.80656	43.14	Pk	33.9	-32.7	0	44.34	54	-9.66	74	-29.66	0-360	100	H
3	*** 9.10313	34.52	Pk	36	-24.1	0	46.42	54	-7.58	74	-27.58	0-360	100	H
4	*** 9.40219	34.62	Pk	36.5	-24.1	0	47.02	54	-6.98	74	-26.98	0-360	100	H
5	*** 4.80656	43.03	Pk	33.9	-32.7	0	44.23	54	-9.77	74	-29.77	0-360	200	V
7	*** 9.10969	34.93	Pk	36	-24	0	46.93	54	-7.07	74	-27.07	0-360	200	V
8	*** 9.465	35.64	Pk	36.5	-24.9	0	47.24	54	-6.76	74	-26.76	0-360	200	V
6	7.21219	45.02	Pk	35.5	-28.6	0	51.92	-	-	-	-	0-360	200	V
2	7.21406	42.44	Pk	35.5	-28.6	0	49.34	-	-	-	-	0-360	100	H

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

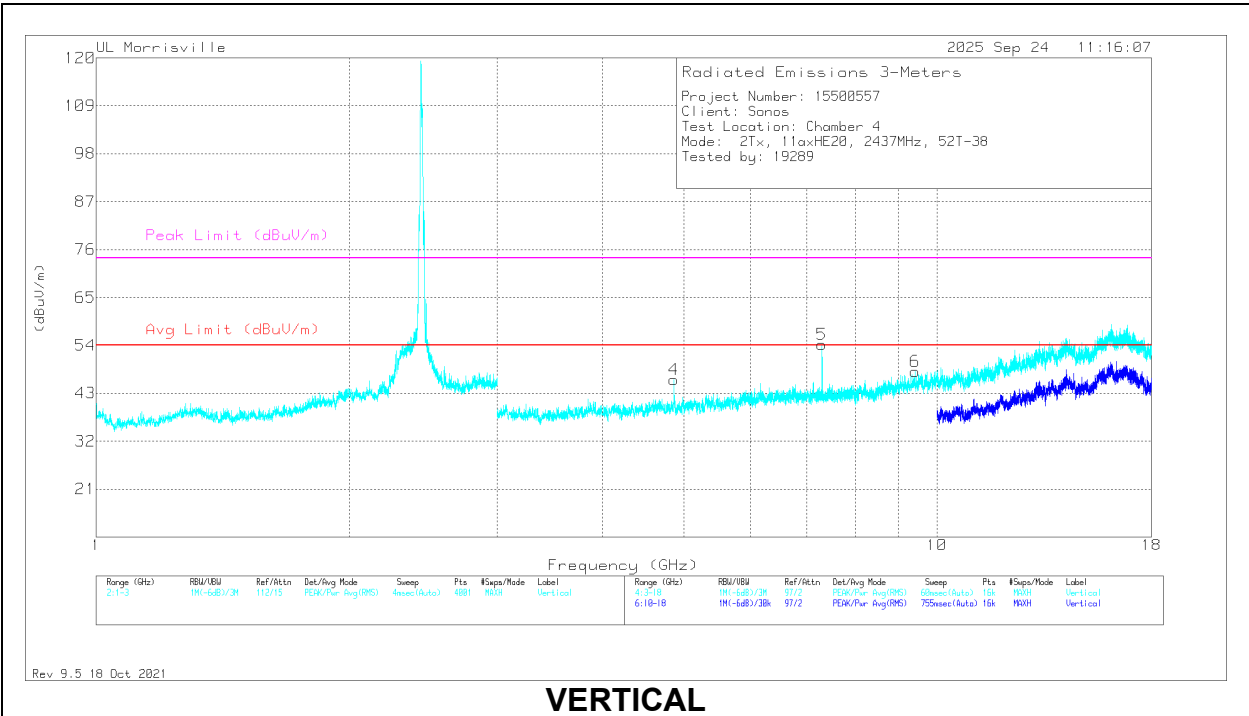
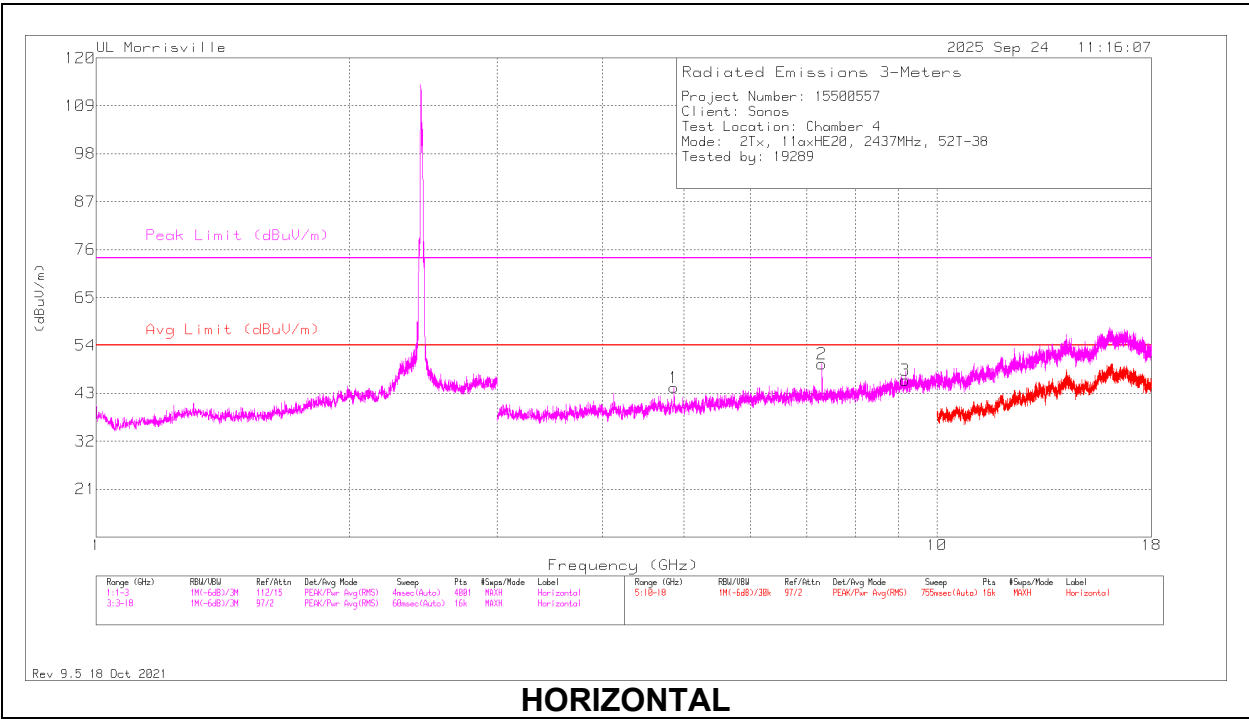
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL 6 RESULTS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 4.86656	41.93	Pk	33.9	-31.5	0	44.33	54	-9.67	74	-29.67	0-360	100	H
2	*** 7.30447	51.07	PK2	35.5	-27.9	0	58.67	-	-	74	-15.33	333	101	H
	*** 7.30172	31.14	ADV	35.5	-27.7	.6	39.54	54	-14.46	-	-	333	101	H
3	*** 9.16875	35.03	Pk	36.2	-25.2	0	46.03	54	-7.97	74	-27.97	0-360	100	H
4	*** 4.86656	43.73	Pk	33.9	-31.5	0	46.13	54	-7.87	74	-27.87	0-360	200	V
5	*** 7.30453	51.69	PK2	35.5	-27.9	0	59.29	-	-	74	-14.71	30	195	V
	*** 7.30162	33.04	ADV	35.5	-27.7	.6	41.44	54	-12.56	-	-	30	195	V
6	*** 9.42469	36.76	Pk	36.5	-25.3	0	47.96	54	-6.04	74	-26.04	0-360	200	V

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

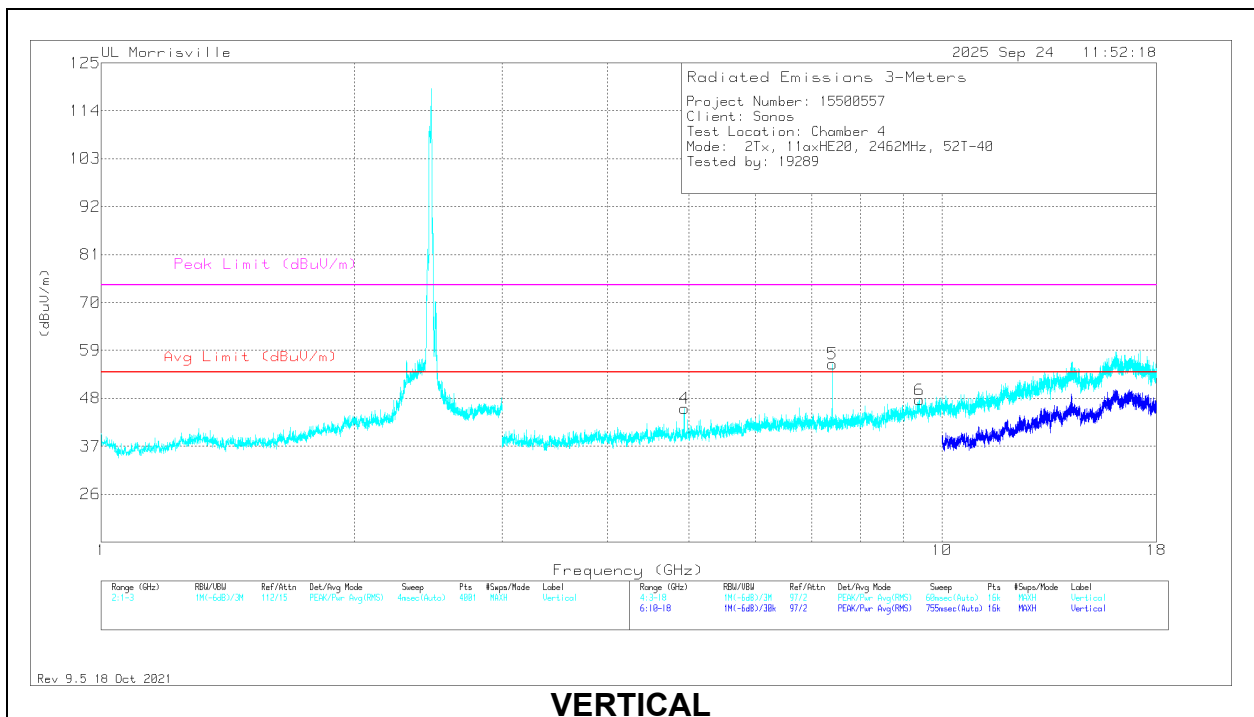
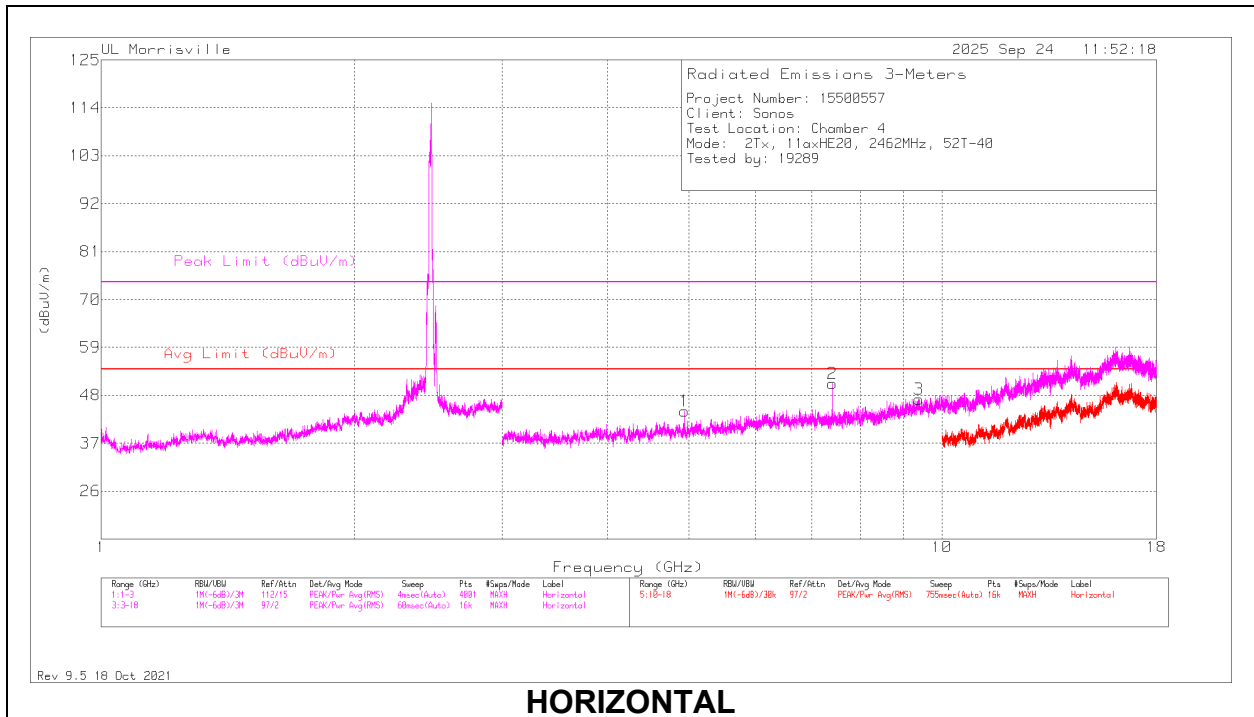
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL 11 RESULTS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 4.93969	42.25	Pk	33.8	-31.7	0	44.35	54	-9.65	74	-29.65	0-360	100	H
2	*** 7.40973	49.03	PK2	35.5	-27.5	0	57.03	-	-	74	-16.97	332	186	H
	*** 7.40728	30.16	ADV	35.5	-27.6	.6	38.66	54	-15.34	-	-	332	186	H
3	*** 9.39656	34.59	Pk	36.5	-24	0	47.09	54	-6.91	74	-26.91	0-360	100	H
4	*** 4.93969	43.59	Pk	33.8	-31.7	0	45.69	54	-8.31	74	-28.31	0-360	200	V
5	*** 7.40983	51.01	PK2	35.5	-27.6	0	58.91	-	-	74	-15.09	45	110	V
	*** 7.40723	31.83	ADV	35.5	-27.6	.6	40.33	54	-13.67	-	-	45	110	V
6	*** 9.40313	35.21	Pk	36.5	-24.1	0	47.61	54	-6.39	74	-26.39	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

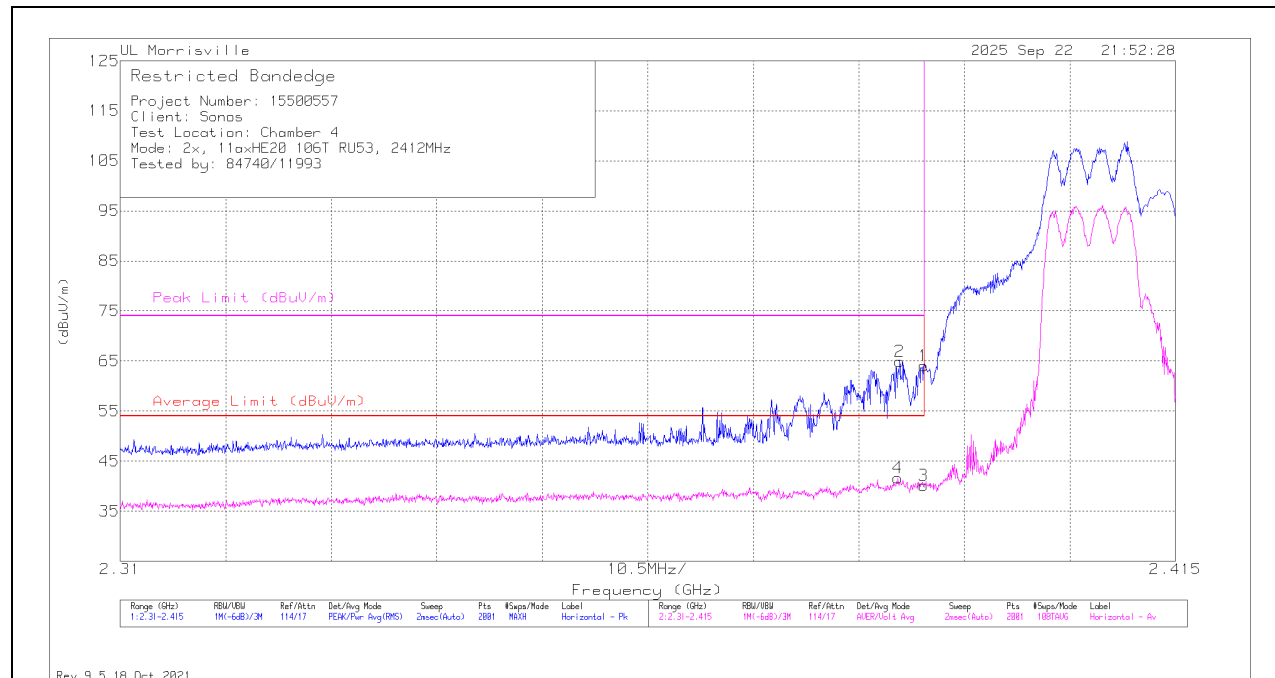
PK2 - Maximum Peak

ADV - Linear Voltage Average

2TX ANTENNA 1 + ANTENNA 4 CDD MODE: 106T

BANDEDGE (LOW CHANNEL 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 2.38996	55.07	Pk	32	-23	0	64.07	-	-	74	-9.93	310	204	H
2	*** 2.38754	55.87	Pk	32	-22.9	0	64.97	-	-	74	-9.03	310	204	H
3	*** 2.38996	30.47	ADV	32	-23	.68	40.15	54	-13.85	-	-	310	204	H
4	*** 2.38739	31.81	ADV	32	-22.9	.68	41.59	54	-12.41	-	-	310	204	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average