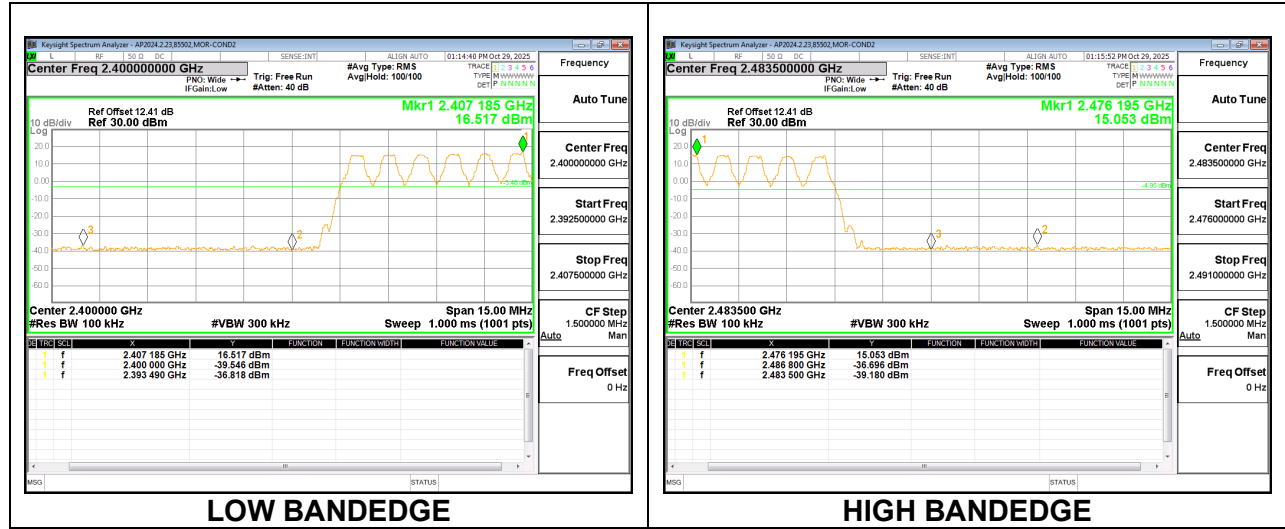
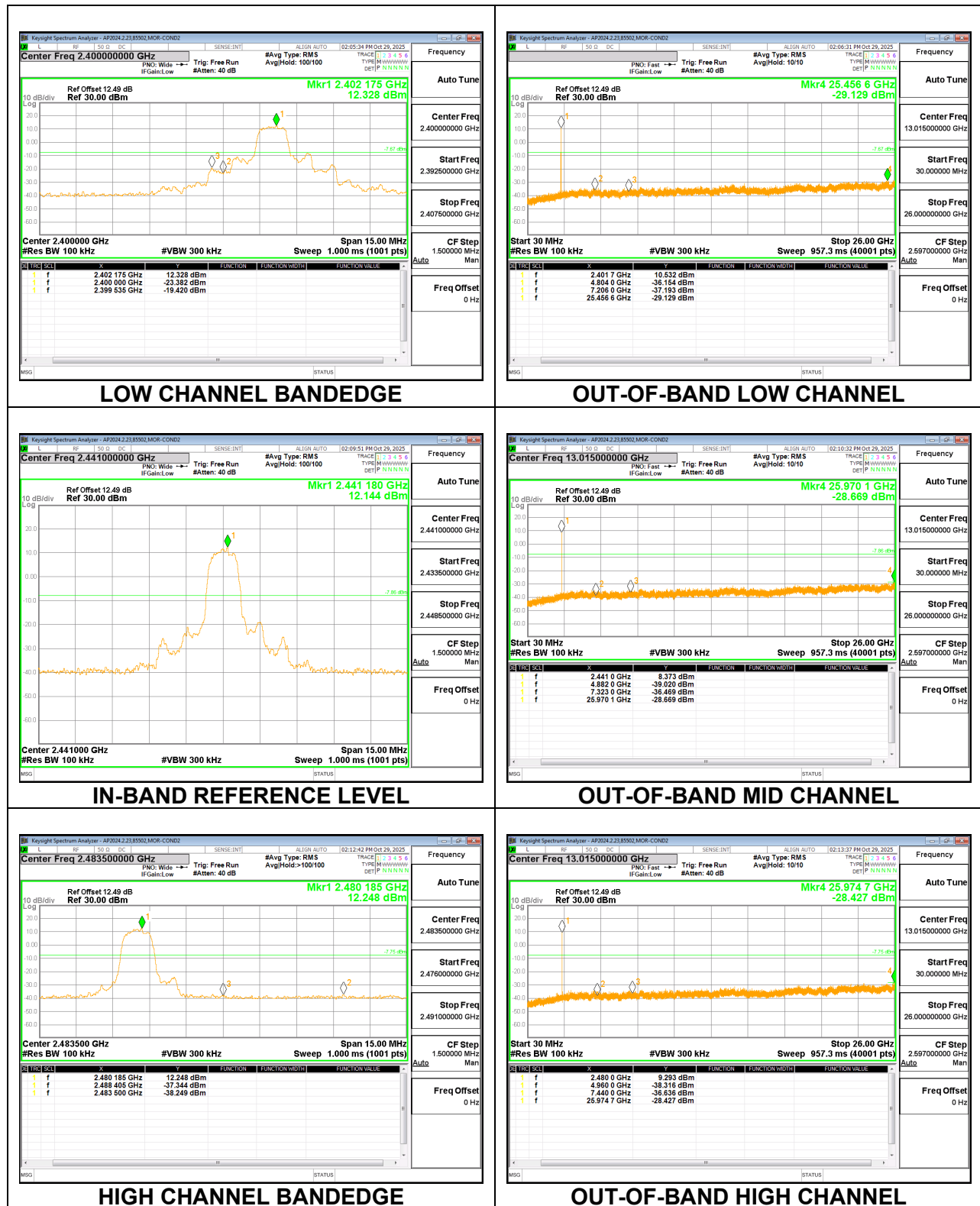


SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON C1

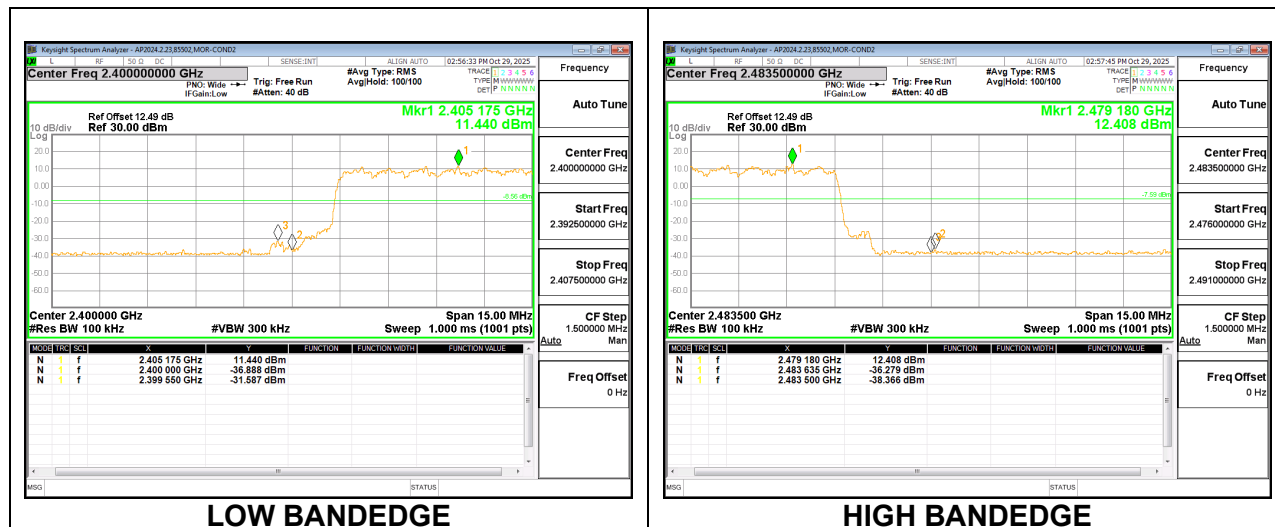


9.8.2. BLUETOOTH ENHANCED DATA RATE 8PSK MODULATION

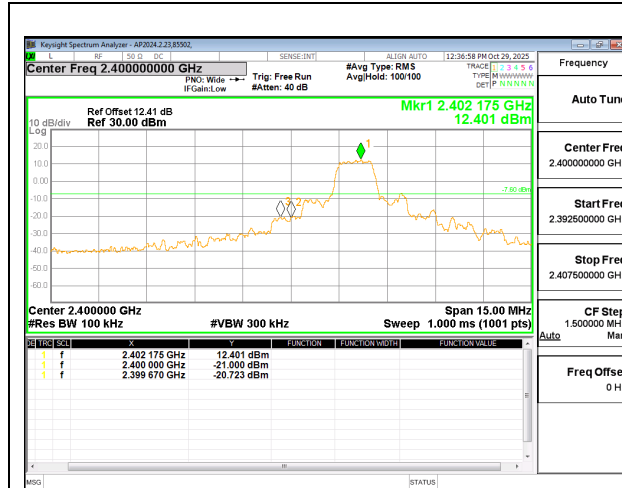
SPURIOUS EMISSIONS, NON-HOPPING C0



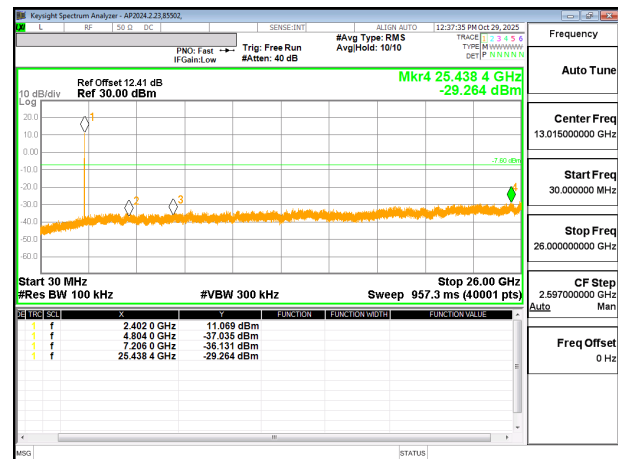
SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON C0



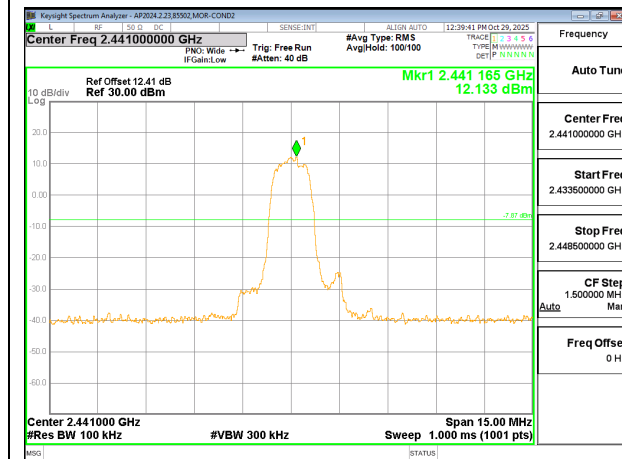
SPURIOUS EMISSIONS, NON-HOPPING C1



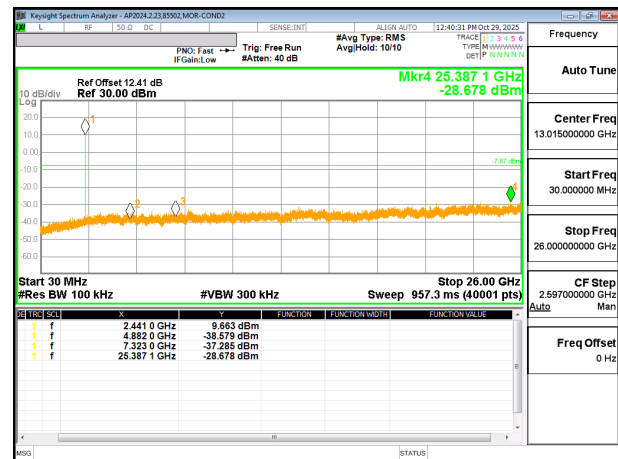
LOW CHANNEL BANDEDGE



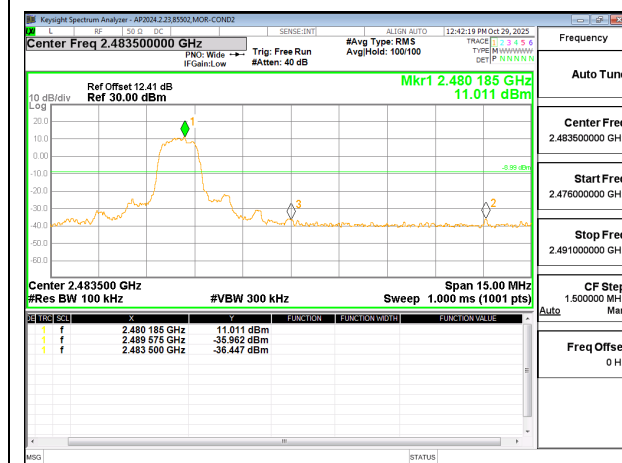
OUT-OF-BAND LOW CHANNEL



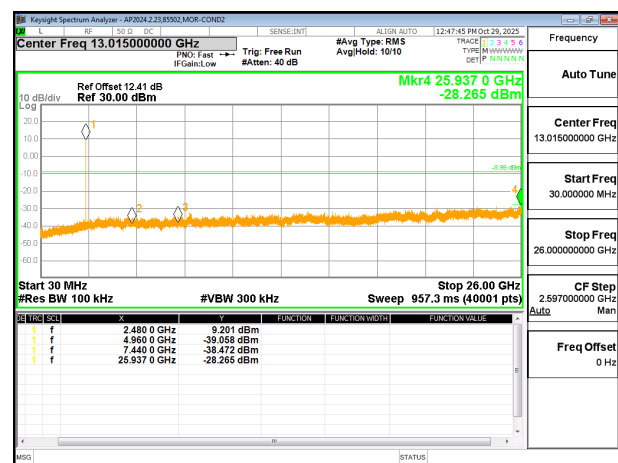
IN-BAND REFERENCE LEVEL



OUT-OF-BAND MID CHANNEL

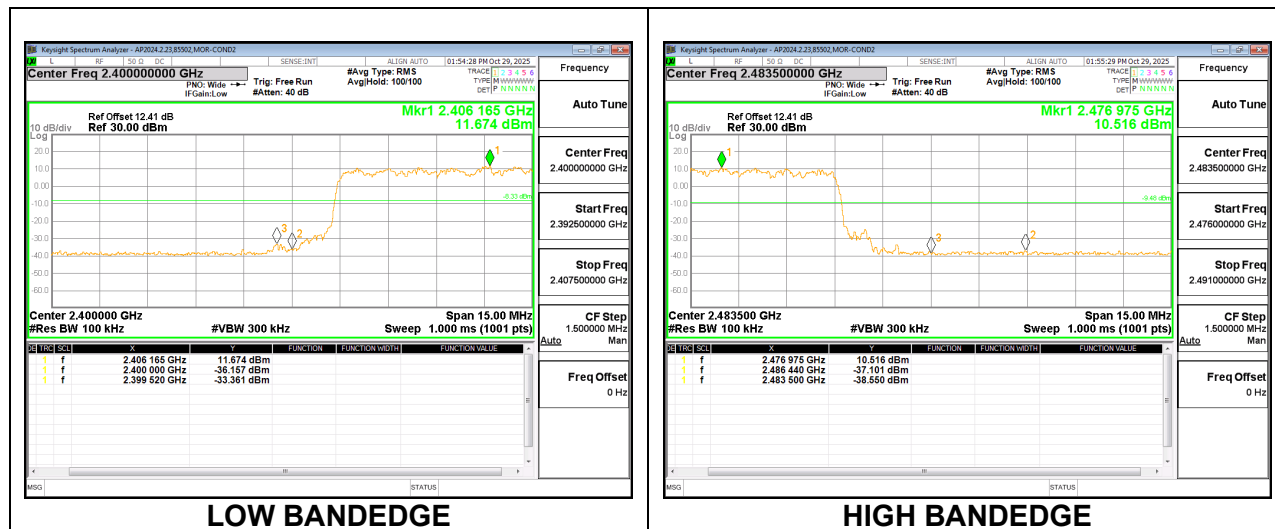


HIGH CHANNEL BANDEDGE



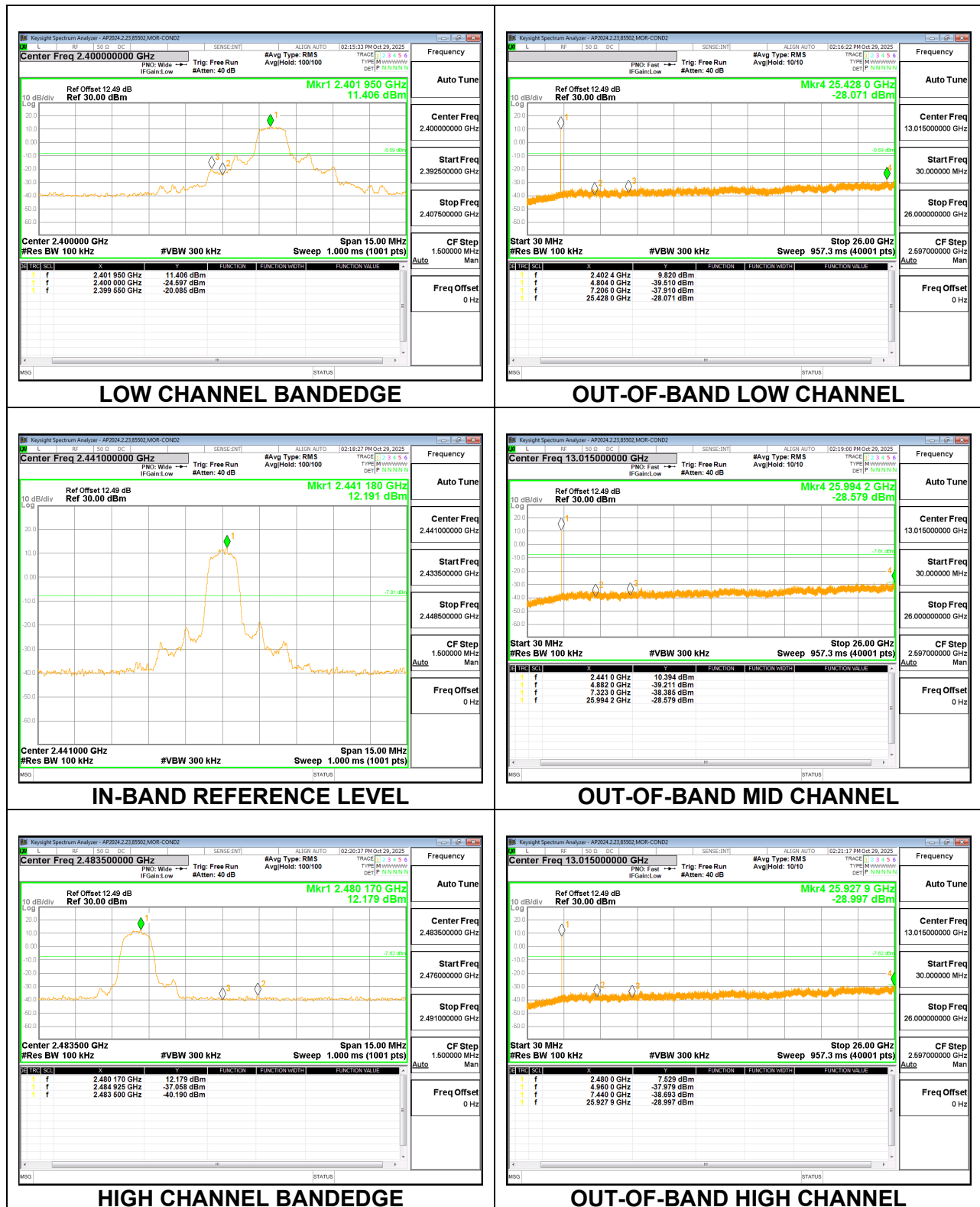
OUT-OF-BAND HIGH CHANNEL

SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON C1

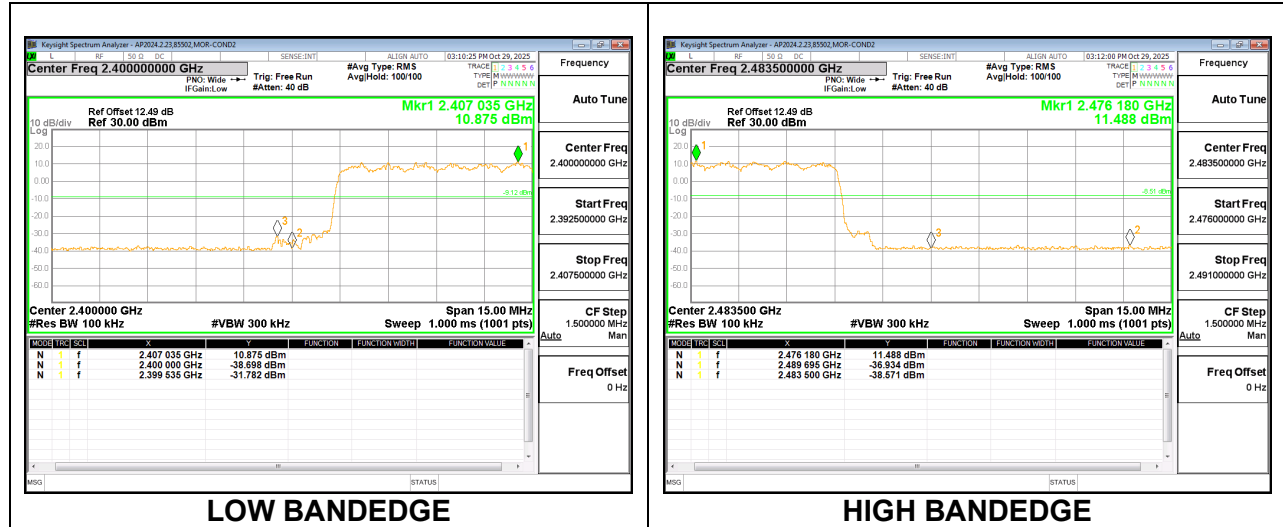


9.8.3. BLUETOOTH ENHANCED DATA RATE QPSK MODULATION

SPURIOUS EMISSIONS, NON-HOPPING C0



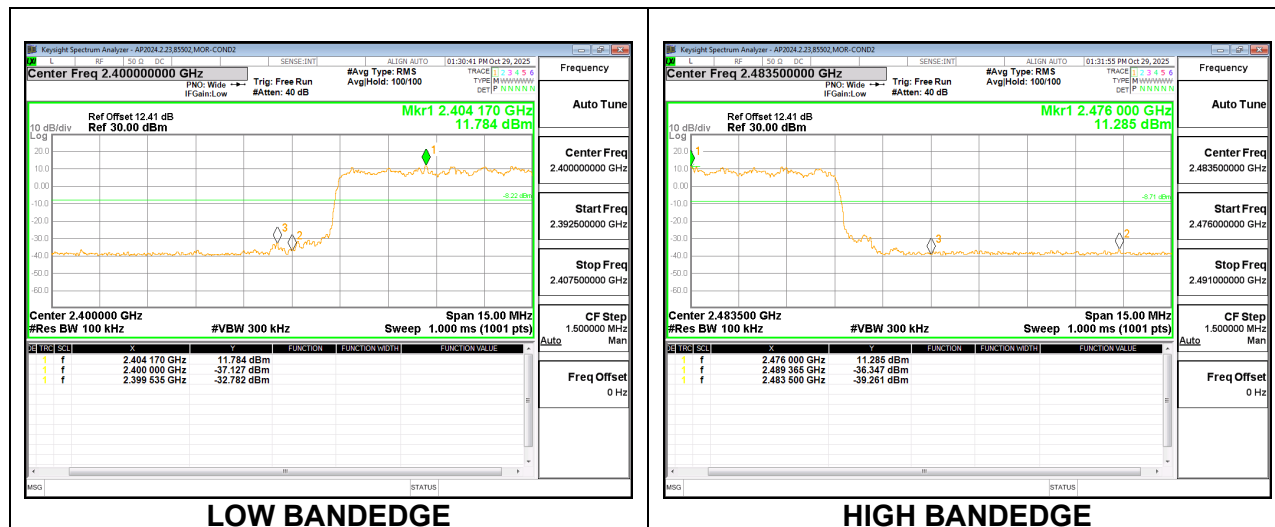
SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON C0



SPURIOUS EMISSIONS, NON-HOPPING C1



SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON C1



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 3 MHz 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 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements (Where T = on time).

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.

KDB 558074 D01 15.247 Meas Guidance v05r02

Use of a duty cycle correction factor (DCCF) is permitted for calculating average radiated field strength emission levels for an FHSS device in 15.247. This DCCF can be applied when the field strength limit (e.g., within a Government Restricted band) and the conditions specified in Section 15.35(c) can be satisfied. The average radiated field strength is calculated by subtracting the DCCF from the maximum radiated field strength level as determined through measurement. The maximum radiated field strength level represents the worst-case (maximum amplitude) RMS measurement of the emission(s) during continuous transmission (i.e., not including any time intervals during which the transmitter is off or is transmitting at a reduced power level). It is also acceptable to apply the DCCF to a measurement performed with a peak detector instead of the specified RMS power averaging detector.

Note that Section 15.35(c) specifies that the DCCF shall represent the worst case (greatest duty cycle) over any 100 msec transmission period.

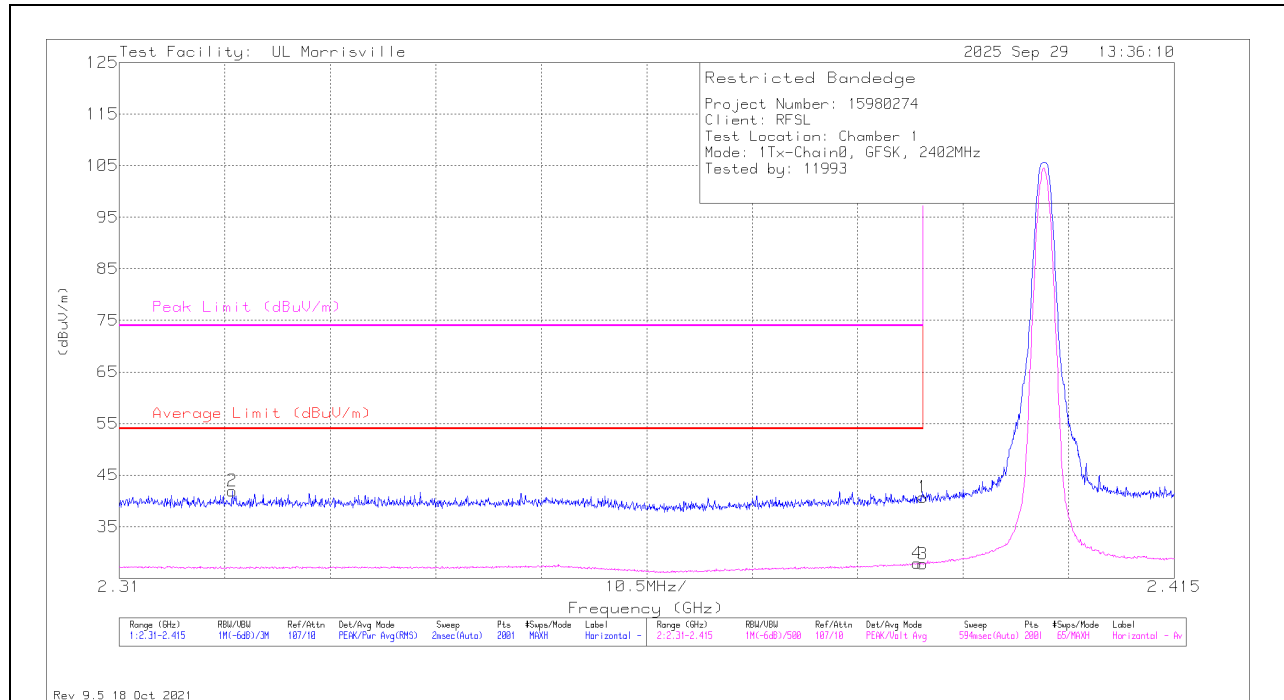
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. BLUETOOTH BASIC DATA RATE GFSK MODULATION

Antenna 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	33.92	Pk	31.9	-25.1	40.72	-	-	74	-33.28	159	385	H
2	* ** 2.32124	35.15	Pk	31.7	-24.9	41.95	-	-	74	-32.05	159	385	H
3	* ** 2.38996	20.97	V1TV	31.9	-25.1	27.77	54	-26.23	-	-	159	385	H
4	* ** 2.38943	21.12	V1TV	31.9	-25.1	27.92	54	-26.08	-	-	159	385	H

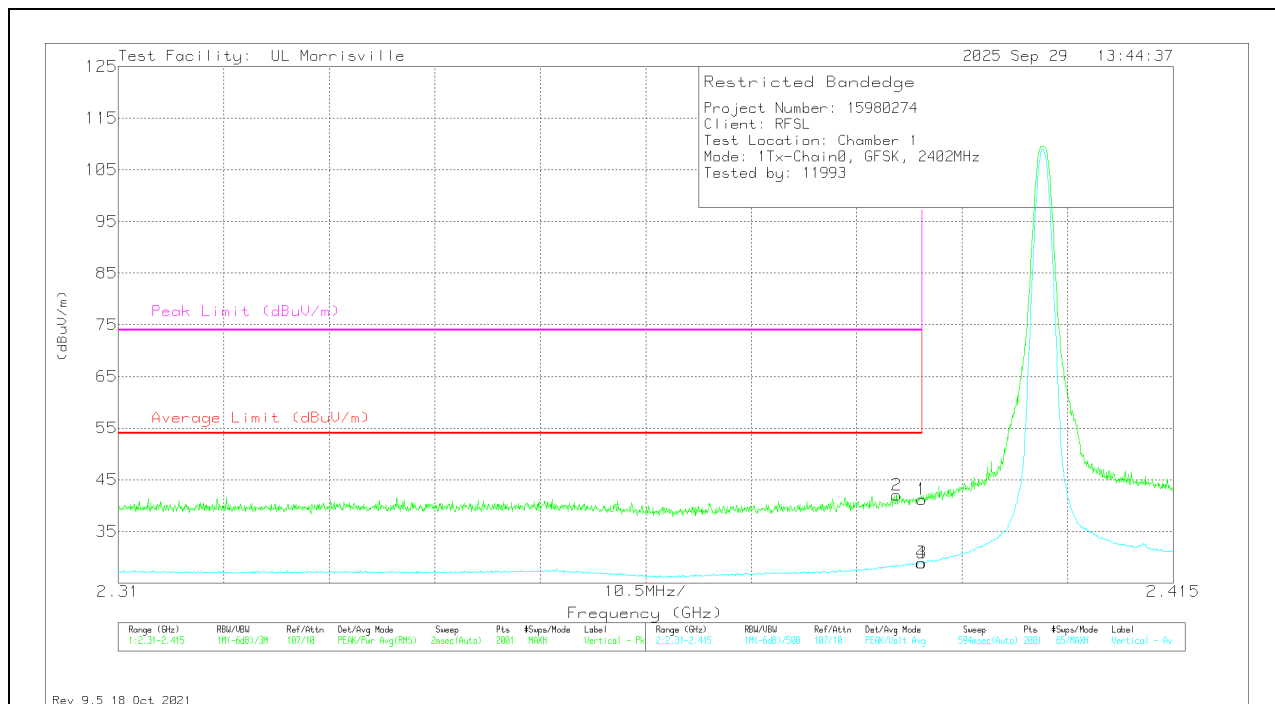
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	34.39	Pk	31.9	-25.1	41.19	-	-	74	-32.81	39	274	V
2	*** 2.38749	35.22	Pk	31.9	-25.1	42.02	-	-	74	-31.98	39	274	V
3	*** 2.38996	22.13	V1TV	31.9	-25.1	28.93	54	-25.07	-	-	39	274	V
4	*** 2.38991	22.08	V1TV	31.9	-25.1	28.88	54	-25.12	-	-	39	274	V

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

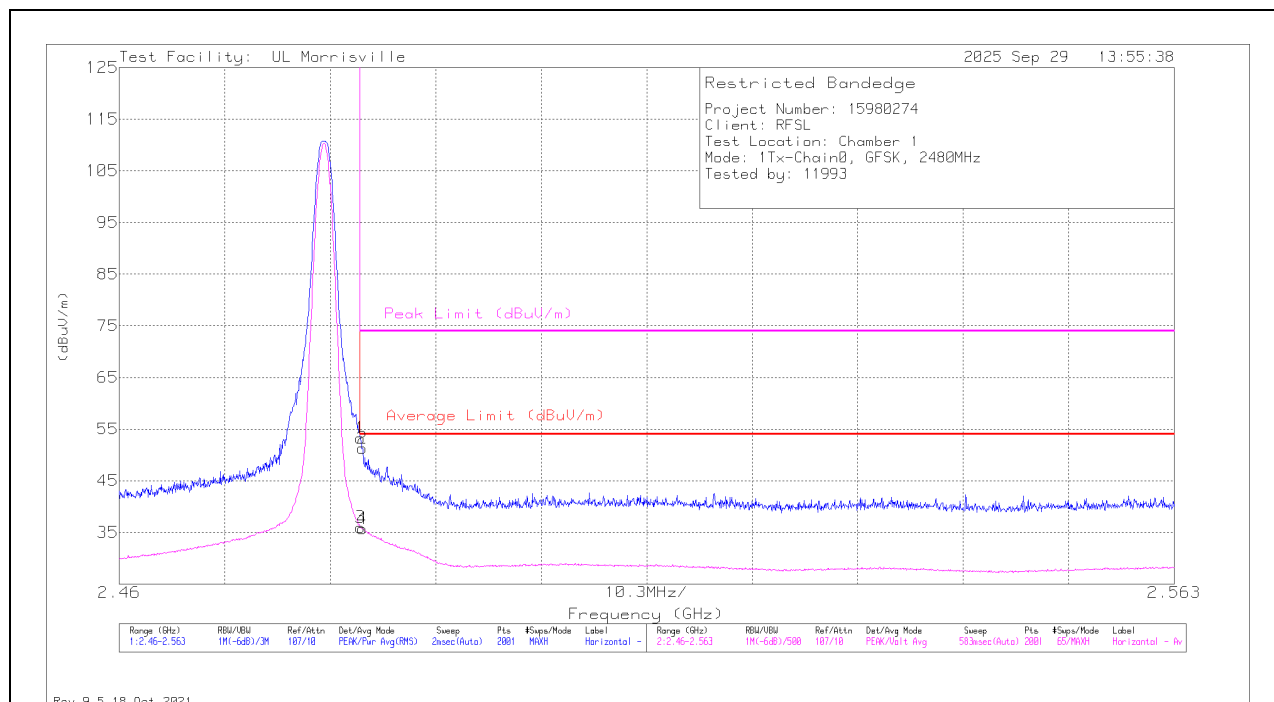
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	45.45	Pk	32.2	-24.4	53.25	-	-	74	-20.75	112	113	H
2	*** 2.48374	43.5	Pk	32.2	-24.4	51.3	-	-	74	-22.7	112	113	H
3	*** 2.48354	28.18	V1TV	32.2	-24.4	35.98	54	-18.02	-	-	112	113	H
4	*** 2.48374	27.93	V1TV	32.2	-24.4	35.73	54	-18.27	-	-	112	113	H

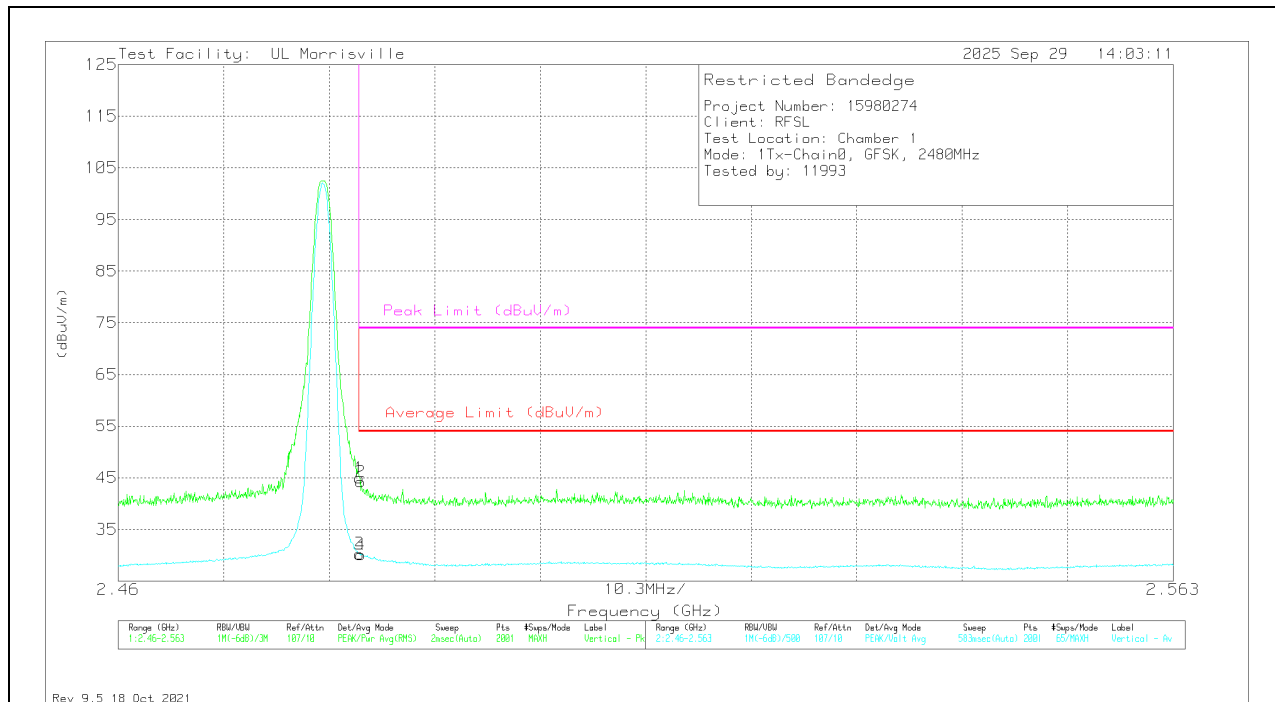
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	37.13	Pk	32.2	-24.4	44.93	-	-	74	-29.07	108	114	V
2	* ** 2.48369	36.42	Pk	32.2	-24.4	44.22	-	-	74	-29.78	108	114	V
3	* ** 2.48354	22.45	V1TV	32.2	-24.4	30.25	54	-23.75	-	-	108	114	V
4	* ** 2.48369	22.28	V1TV	32.2	-24.4	30.08	54	-23.92	-	-	108	114	V

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

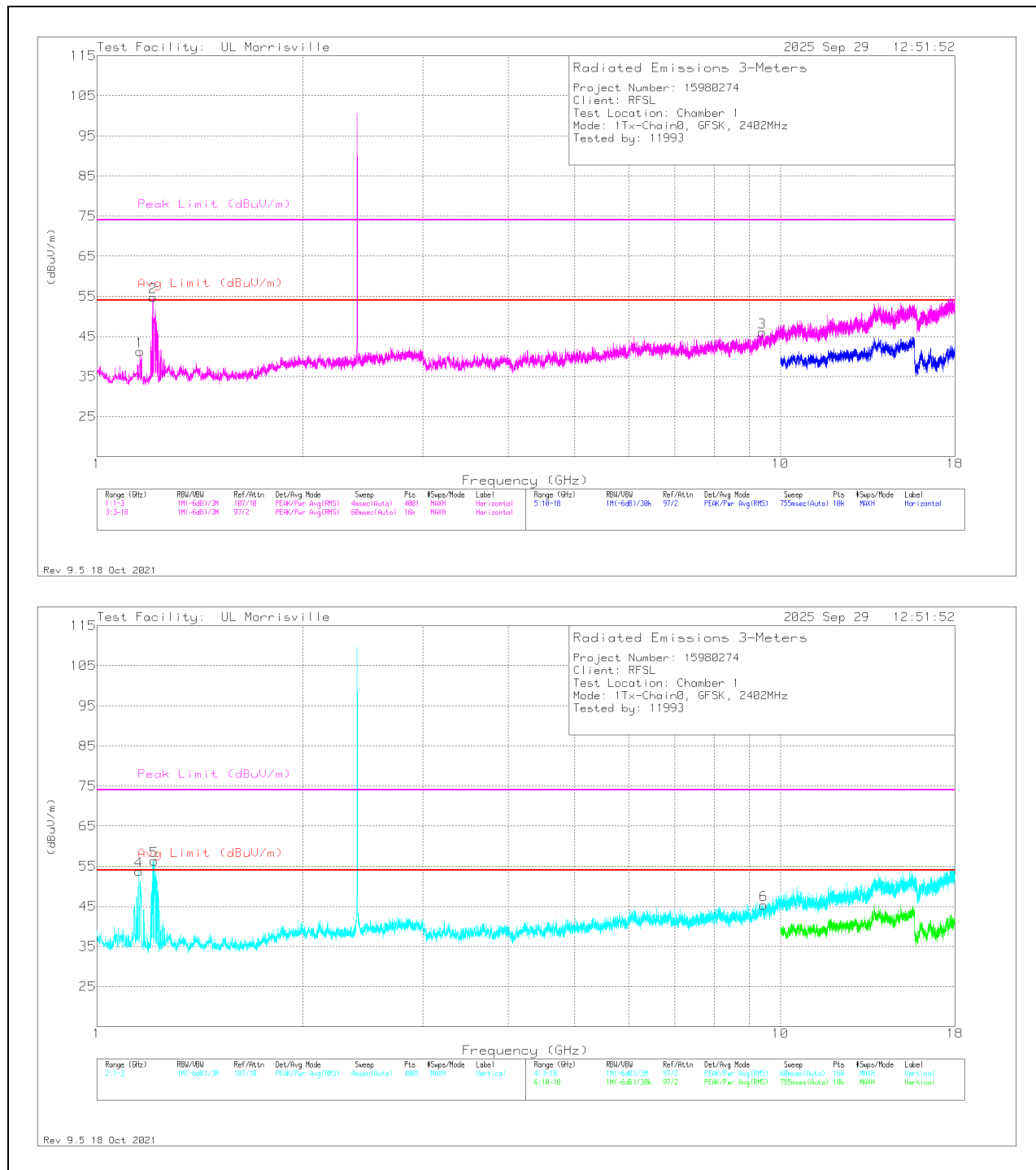
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 1.156	37.99	Pk	28.3	-25	41.29	54	-12.71	74	-32.71	0-360	200	H
2	* ** 1.20658	54.36	PK2	28.8	-25.4	57.76	-	-	74	-16.24	254	273	H
	* ** 1.21077	21.68	V1TV	28.8	-25.2	25.28	54	-28.72	-	-	254	273	H
4	* ** 1.15128	53.61	PK2	28.2	-25.6	56.21	-	-	74	-17.79	256	127	V
	* ** 1.15143	21.58	V1TV	28.2	-25.6	24.18	54	-29.82	-	-	256	127	V
5	* ** 1.21285	55.45	PK2	28.8	-25.1	59.15	-	-	74	-14.85	193	124	V
	* ** 1.21166	21.63	V1TV	28.8	-25.2	25.23	54	-28.77	-	-	193	124	V
3	* ** 9.39844	50.34	Pk	36.3	-40.6	46.04	54	-7.96	74	-27.96	0-360	200	H
6	* ** 9.45	50.57	Pk	36.4	-41.6	45.37	54	-8.63	74	-28.63	0-360	101	V

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

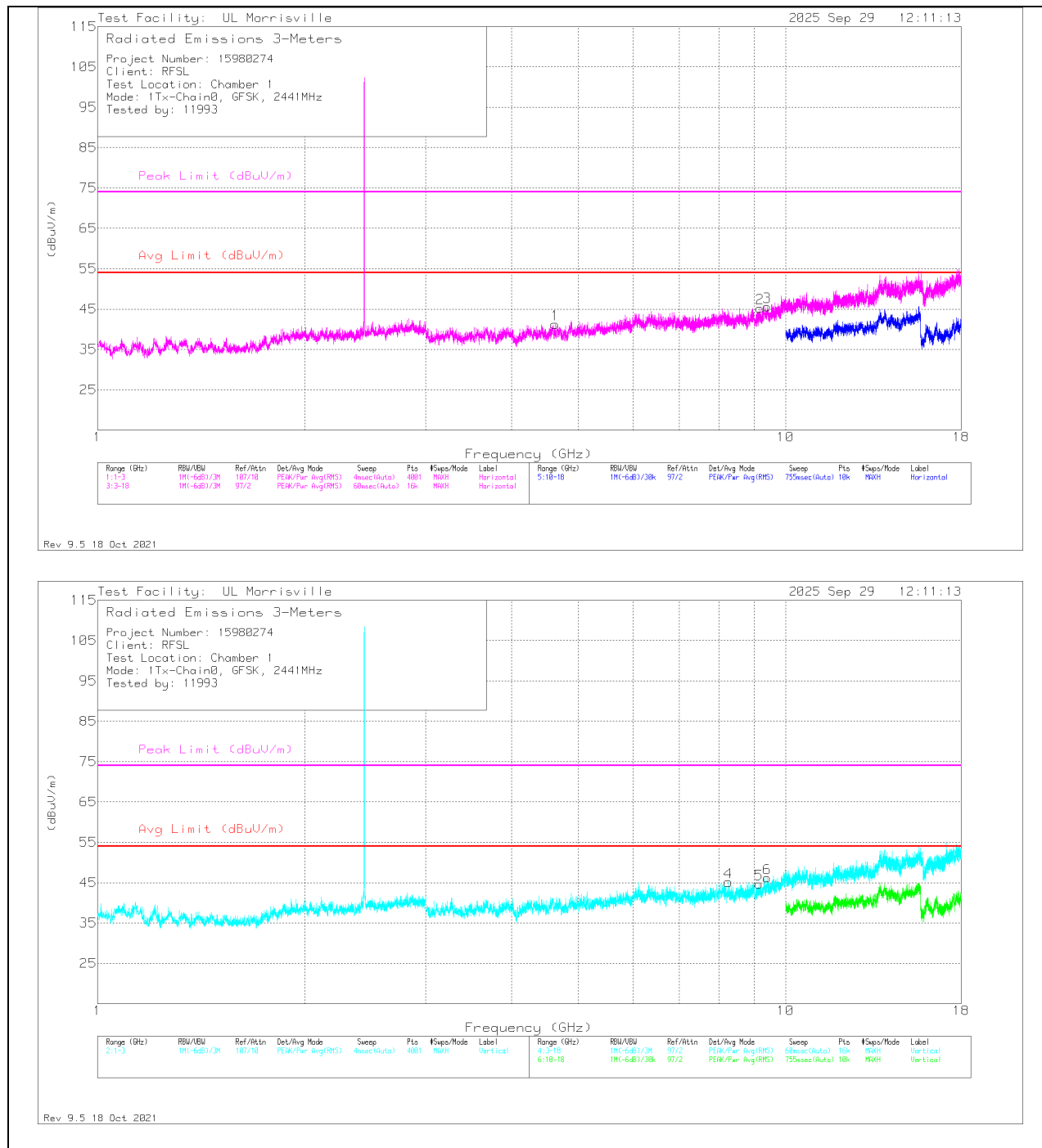
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

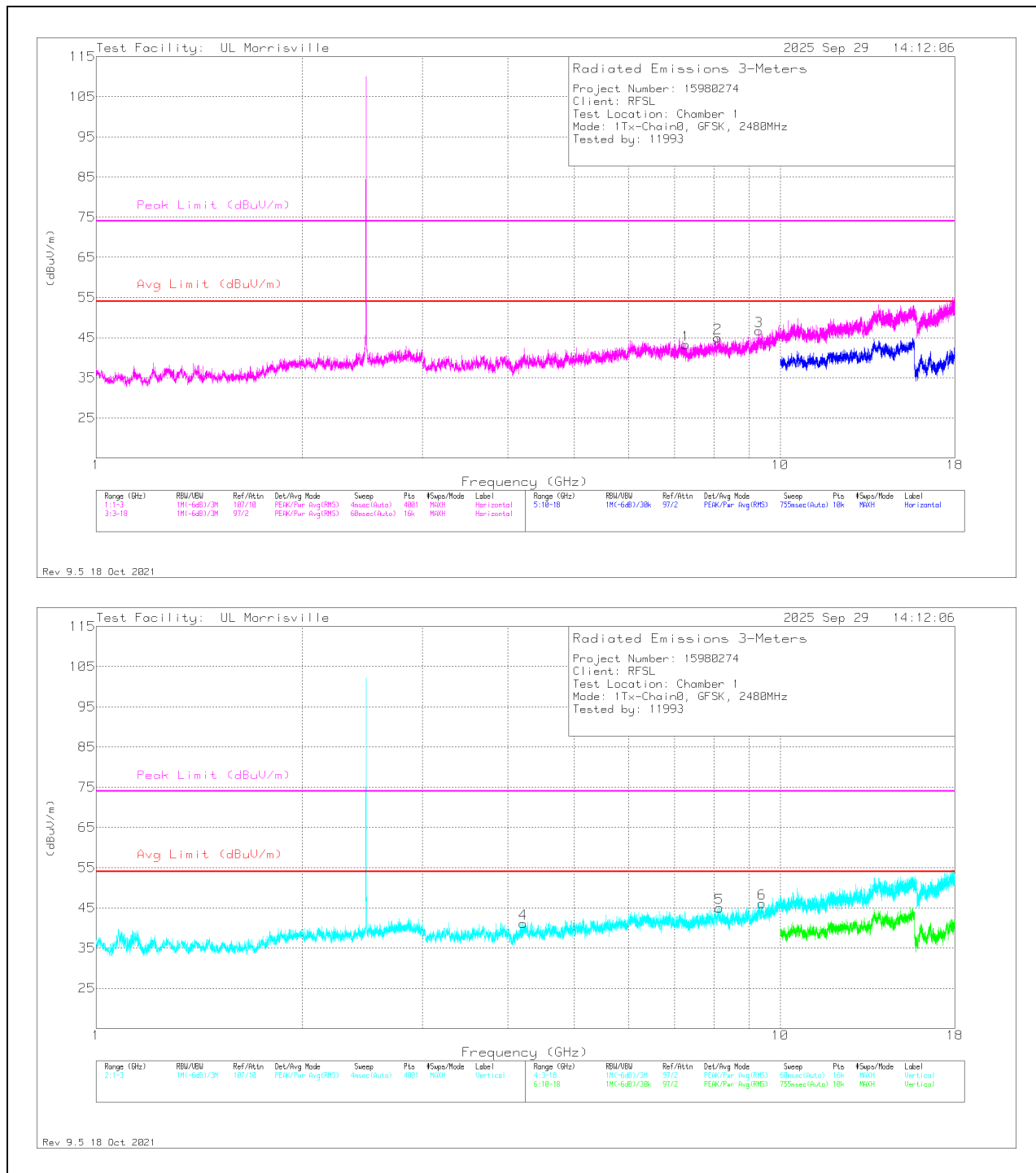
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.62375	54.05	Pk	33.8	-46.6	41.25	54	-12.75	74	-32.75	0-360	101	H
2	* ** 9.18	50.35	Pk	36	-41.1	45.25	54	-8.75	74	-28.75	0-360	101	H
3	* ** 9.40406	49.61	Pk	36.3	-40.3	45.61	54	-8.39	74	-28.39	0-360	101	H
4	* ** 8.25938	50.84	Pk	35.9	-41.6	45.14	54	-8.86	74	-28.86	0-360	200	V
5	* ** 9.15375	49.61	Pk	35.9	-40.8	44.71	54	-9.29	74	-29.29	0-360	200	V
6	* ** 9.40031	50.4	Pk	36.3	-40.5	46.2	54	-7.8	74	-27.8	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 7.27406	50.74	Pk	35.4	-42.9	43.24	54	-10.76	74	-30.76	0-360	199	H
2	* ** 8.10188	50.46	Pk	35.9	-41.4	44.96	54	-9.04	74	-29.04	0-360	101	H
3	* ** 9.30469	50.69	Pk	36.1	-40.1	46.69	54	-7.31	74	-27.31	0-360	199	H
4	* ** 4.21125	53.63	Pk	33.6	-46.1	41.13	54	-12.87	74	-32.87	0-360	200	V
5	* ** 8.14688	50.2	Pk	35.9	-41.1	45	54	-9	74	-29	0-360	200	V
6	* ** 9.40406	50.13	Pk	36.3	-40.3	46.13	54	-7.87	74	-27.87	0-360	101	V

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

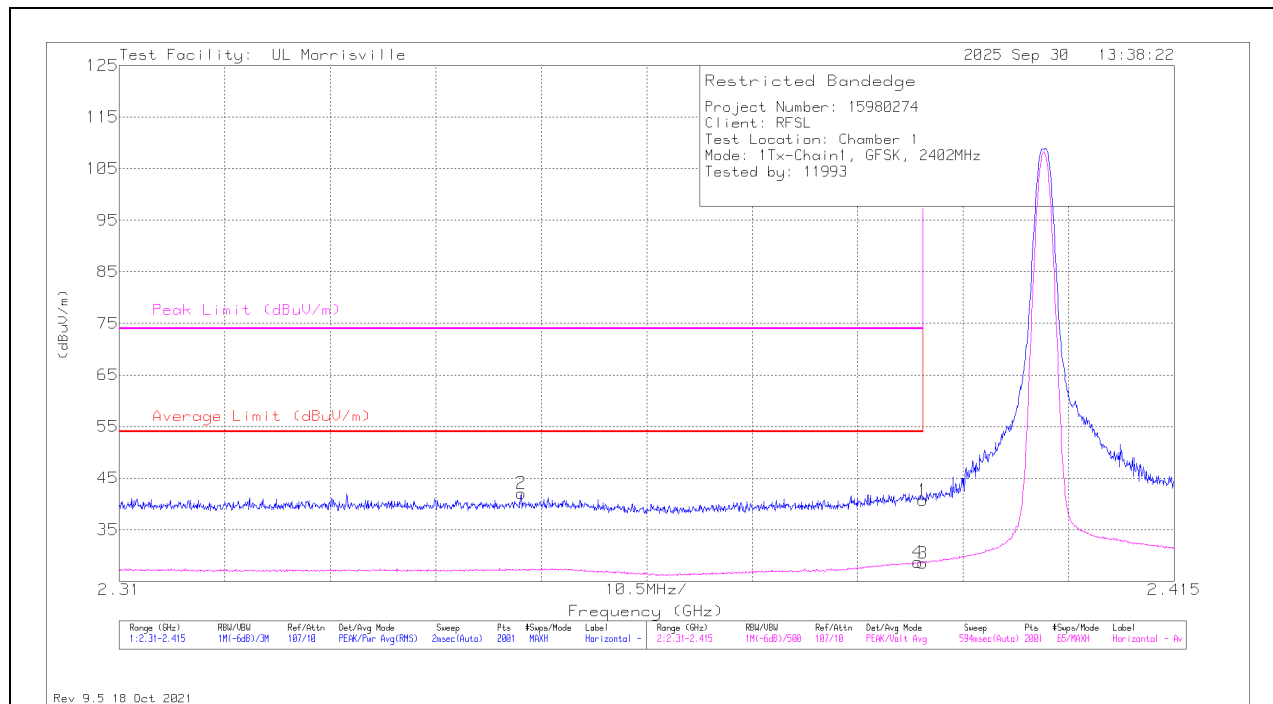
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

Antenna 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	33.91	Pk	31.9	-25.1	40.71	-	-	74	-33.29	107	126	H
2	* ** 2.35001	34.98	Pk	31.8	-24.7	42.08	-	-	74	-31.92	107	126	H
3	* ** 2.38996	21.7	V1TV	31.9	-25.1	28.5	54	-25.5	-	-	107	126	H
4	* ** 2.38949	21.91	V1TV	31.9	-25.1	28.71	54	-25.29	-	-	107	126	H

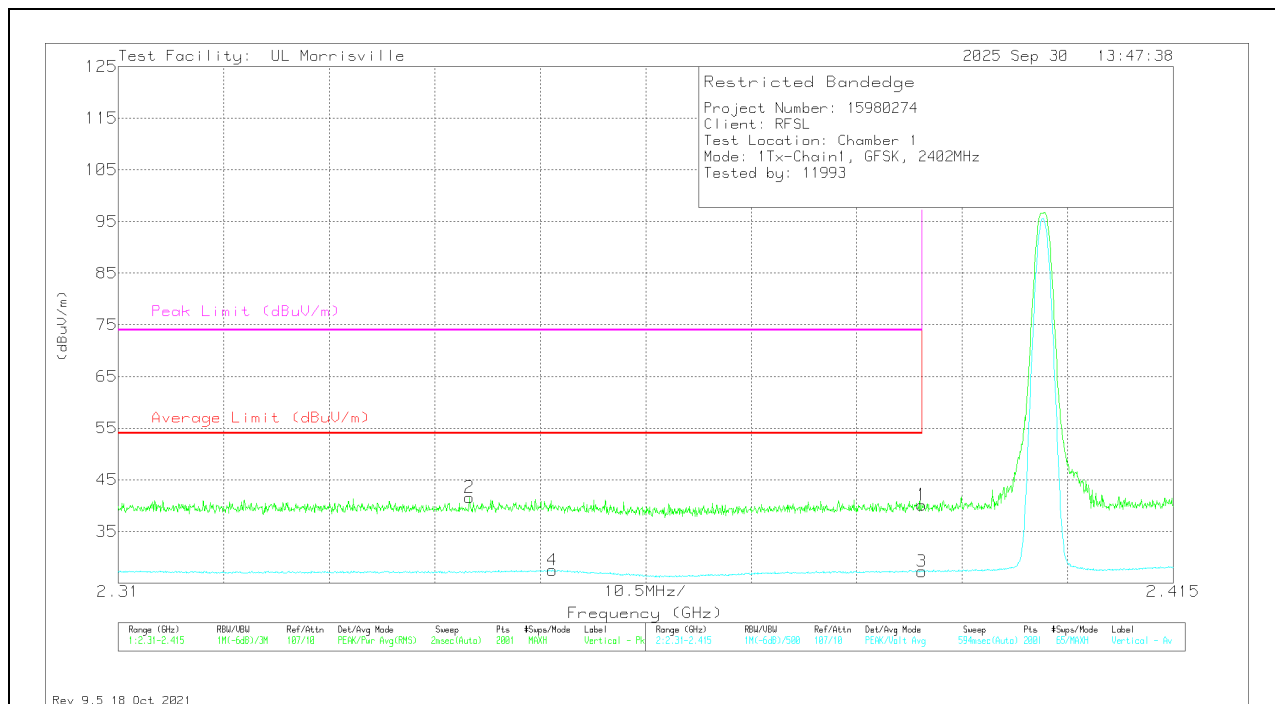
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	33.32	Pk	31.9	-25.1	40.12	-	-	74	-33.88	303	144	V
2	*** 2.34497	34.68	Pk	31.8	-24.9	41.58	-	-	74	-32.42	303	144	V
3	*** 2.38996	20.46	V1TV	31.9	-25.1	27.26	54	-26.74	-	-	303	144	V
4	*** 2.35321	20.3	V1TV	31.8	-24.6	27.5	54	-26.5	-	-	303	144	V

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

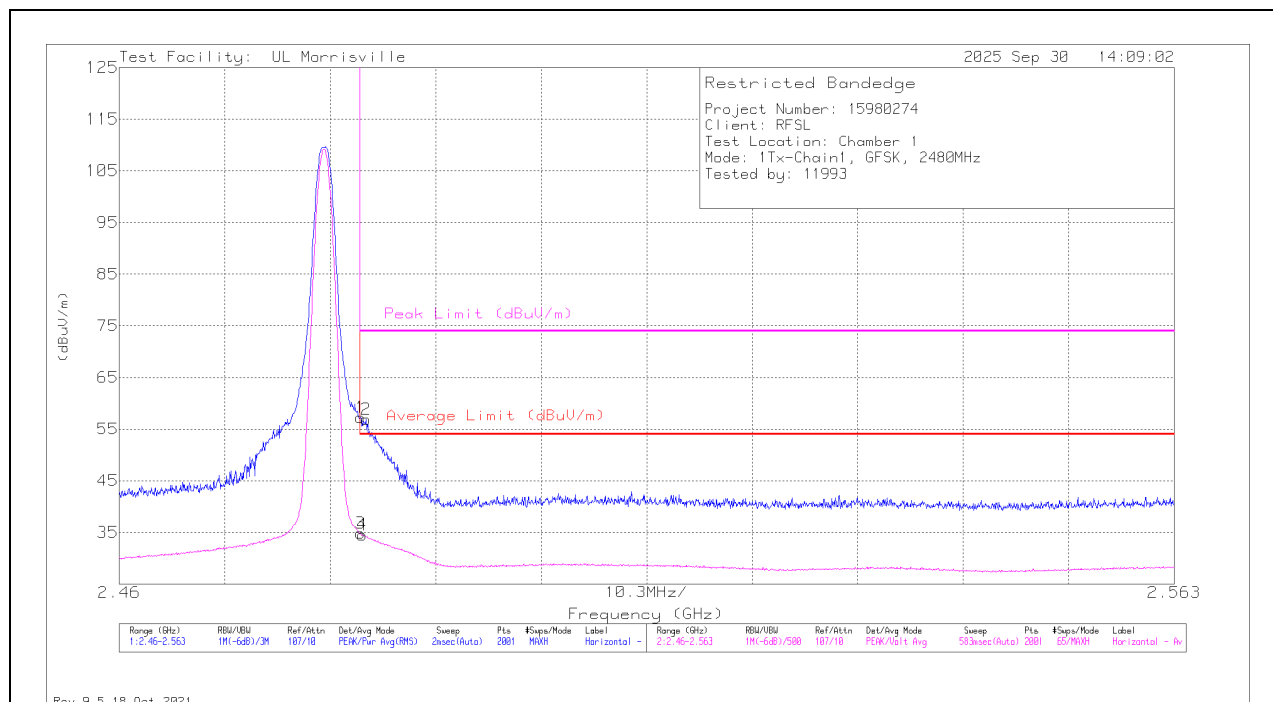
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	49.44	Pk	32.2	-24.4	57.24	-	-	74	-16.76	343	240	H
2	* ** 2.4841	49.1	Pk	32.2	-24.4	56.9	-	-	74	-17.1	343	240	H
3	* ** 2.48354	27.05	V1TV	32.2	-24.4	34.85	54	-19.15	-	-	343	240	H
4	* ** 2.48374	26.73	V1TV	32.2	-24.4	34.53	54	-19.47	-	-	343	240	H

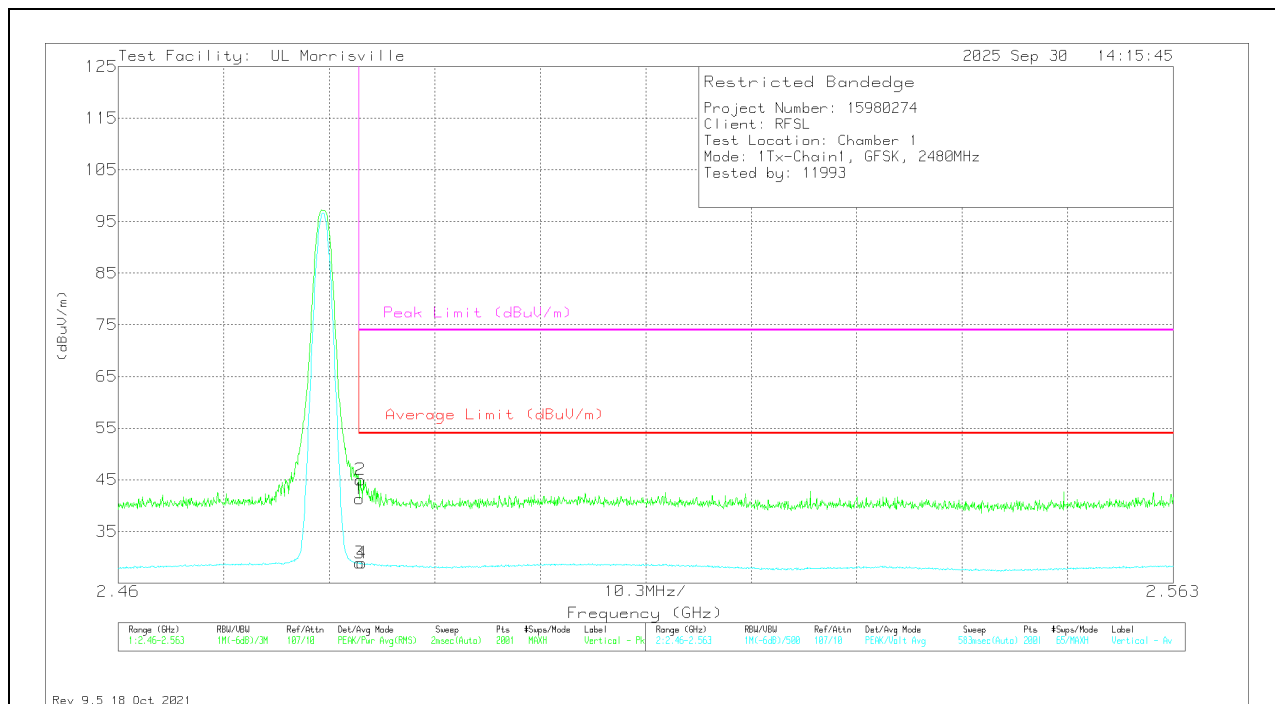
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	33.49	Pk	32.2	-24.4	41.29	-	-	74	-32.71	332	240	V
2	*** 2.48364	37.22	Pk	32.2	-24.4	45.02	-	-	74	-28.98	332	240	V
3	*** 2.48354	21.09	V1TV	32.2	-24.4	28.89	54	-25.11	-	-	332	240	V
4	*** 2.48379	21.09	V1TV	32.2	-24.4	28.89	54	-25.11	-	-	332	240	V

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

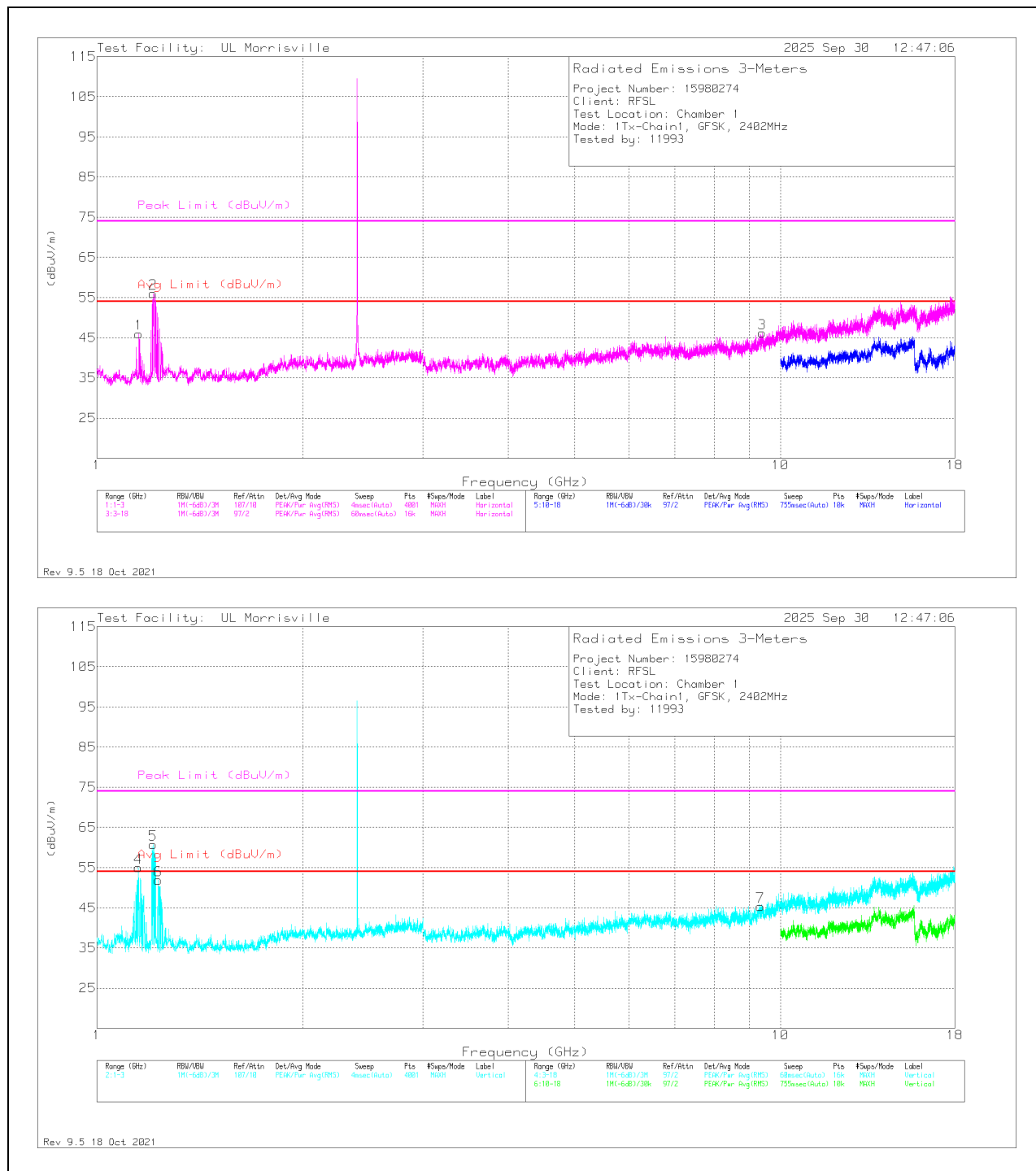
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	*** 1.152	43.31	Pk	28.2	-25.5	46.01	54	-7.99	74	-27.99	0-360	200	H
2	*** 1.20775	56.08	PK2	28.8	-25.3	59.58	-	-	74	-14.42	207	209	H
	*** 1.20908	21.03	V1TV	28.8	-25.2	24.63	54	-29.37	-	-	207	209	H
4	*** 1.15086	54.71	PK2	28.2	-25.6	57.31	-	-	74	-16.69	205	109	V
	*** 1.14779	21.3	V1TV	28.2	-26	23.5	54	-30.5	-	-	205	109	V
5	*** 1.20724	60.45	PK2	28.8	-25.4	63.85	-	-	74	-10.15	228	103	V
	*** 1.2081	21.1	V1TV	28.8	-25.3	24.6	54	-29.4	-	-	228	103	V
6	*** 1.22719	52.73	PK2	29	-25.6	56.13	-	-	74	-17.87	217	141	V
	*** 1.22675	19.81	V1TV	28.9	-25.6	23.11	54	-30.89	-	-	217	141	V
3	*** 9.40688	50.07	Pk	36.3	-40.2	46.17	54	-7.83	74	-27.83	0-360	200	H
7	*** 9.34781	49.94	Pk	36.2	-40.8	45.34	54	-8.66	74	-28.66	0-360	101	V

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

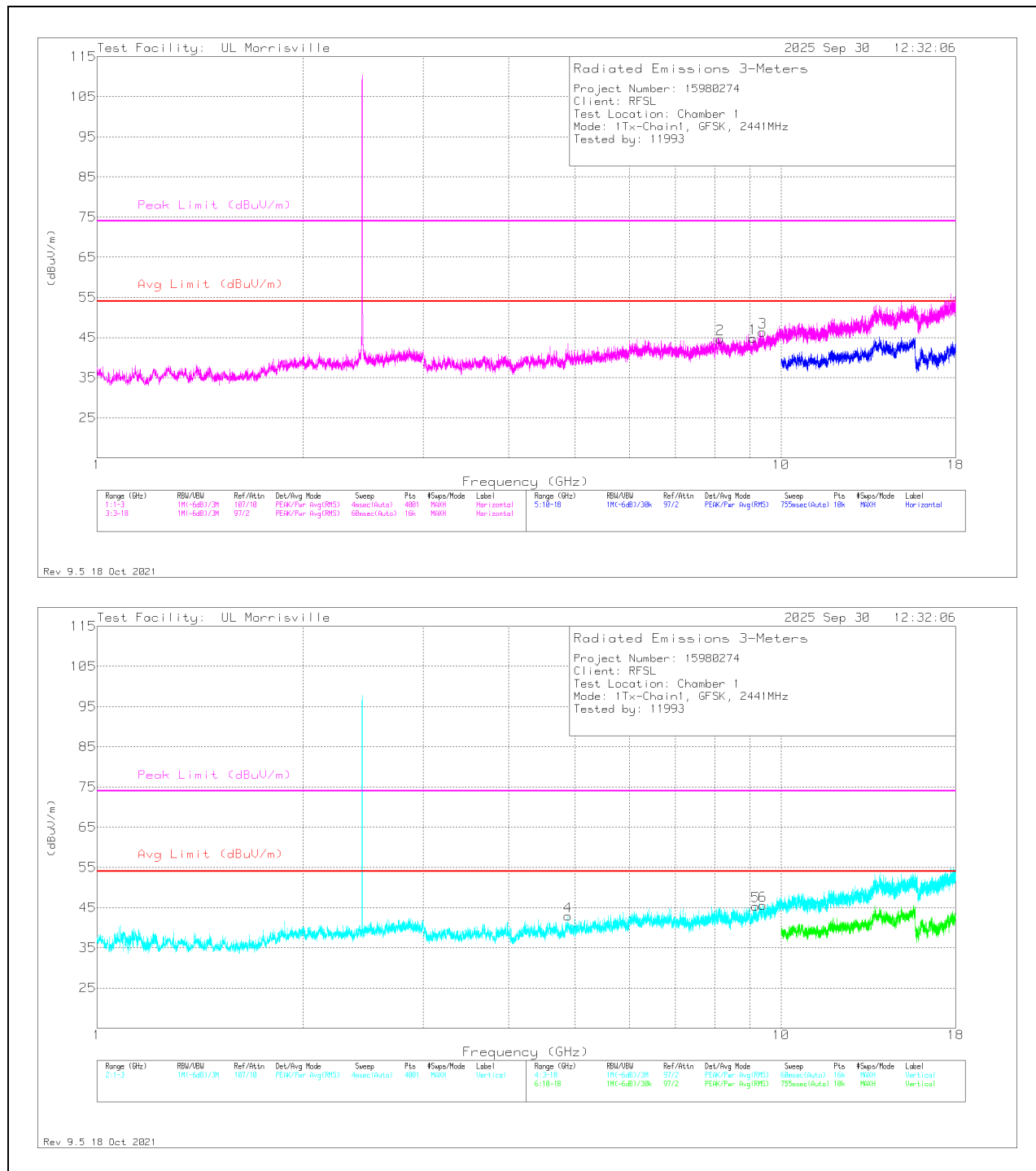
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

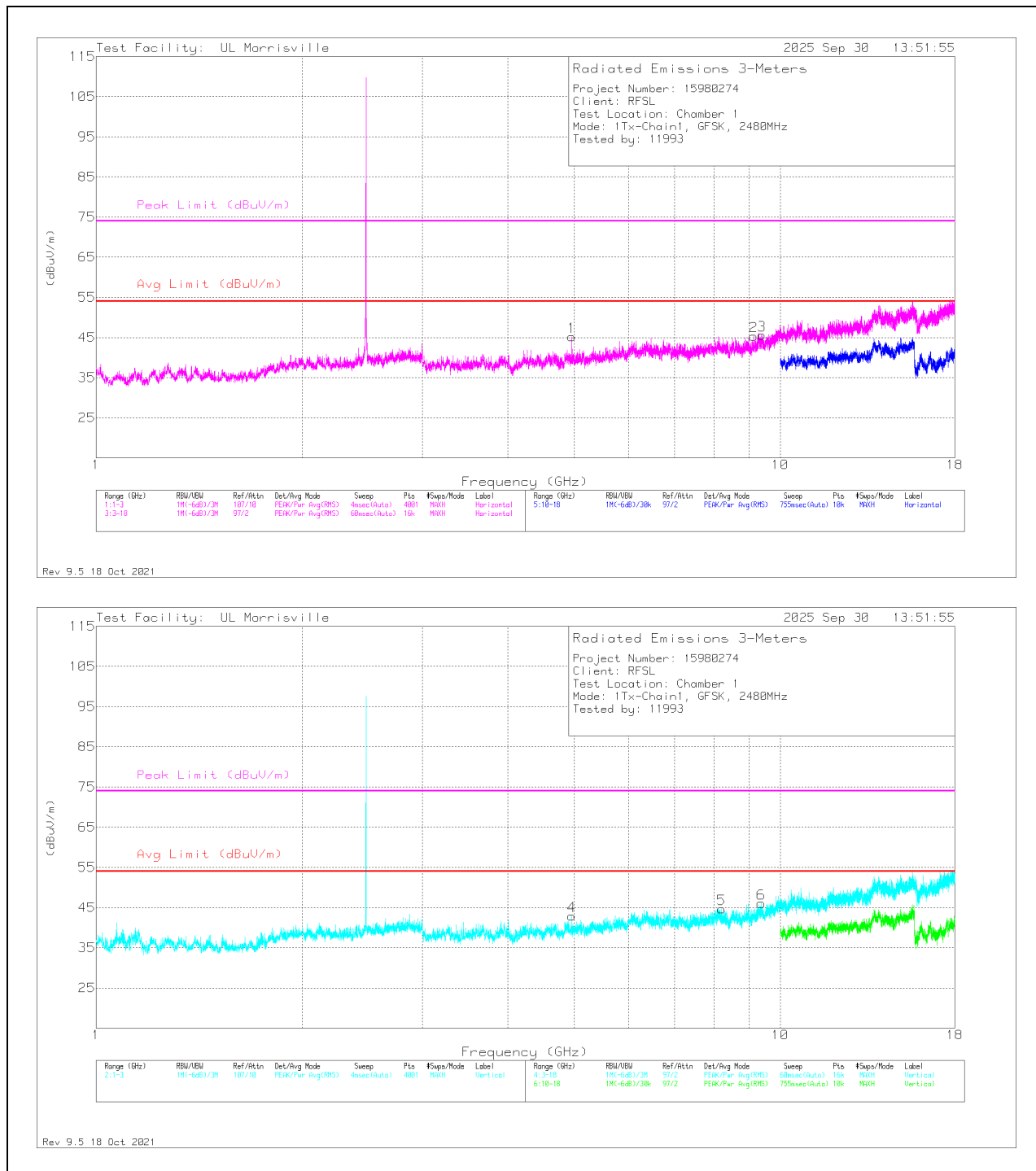
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 9.10125	50.62	Pk	35.9	-41.7	44.82	54	-9.18	74	-29.18	0-360	200	H
2	* ** 8.15531	51.01	Pk	35.9	-42.2	44.71	54	-9.29	74	-29.29	0-360	200	H
3	* ** 9.39656	50.78	Pk	36.3	-40.7	46.38	54	-7.62	74	-27.62	0-360	101	H
4	* ** 4.88156	54.26	Pk	34	-45.4	42.86	54	-11.14	74	-31.14	0-360	101	V
5	* ** 9.17906	50.47	Pk	36	-41.1	45.37	54	-8.63	74	-28.63	0-360	101	V
6	* ** 9.40969	49.74	Pk	36.3	-40.5	45.54	54	-8.46	74	-28.46	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 4.95938	56.73	Pk	34.2	-45.7	45.23	54	-8.77	74	-28.77	0-360	199	H
2	* ** 9.1425	51.07	Pk	35.9	-41.6	45.37	54	-8.63	74	-28.63	0-360	199	H
3	* ** 9.40781	49.49	Pk	36.3	-40.2	45.59	54	-8.41	74	-28.41	0-360	101	H
4	* ** 4.95938	54.4	Pk	34.2	-45.7	42.9	54	-11.1	74	-31.1	0-360	101	V
5	* ** 8.20594	51.1	Pk	35.9	-42.3	44.7	54	-9.3	74	-29.3	0-360	101	V
6	* ** 9.37969	51.03	Pk	36.2	-41.2	46.03	54	-7.97	74	-27.97	0-360	101	V

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

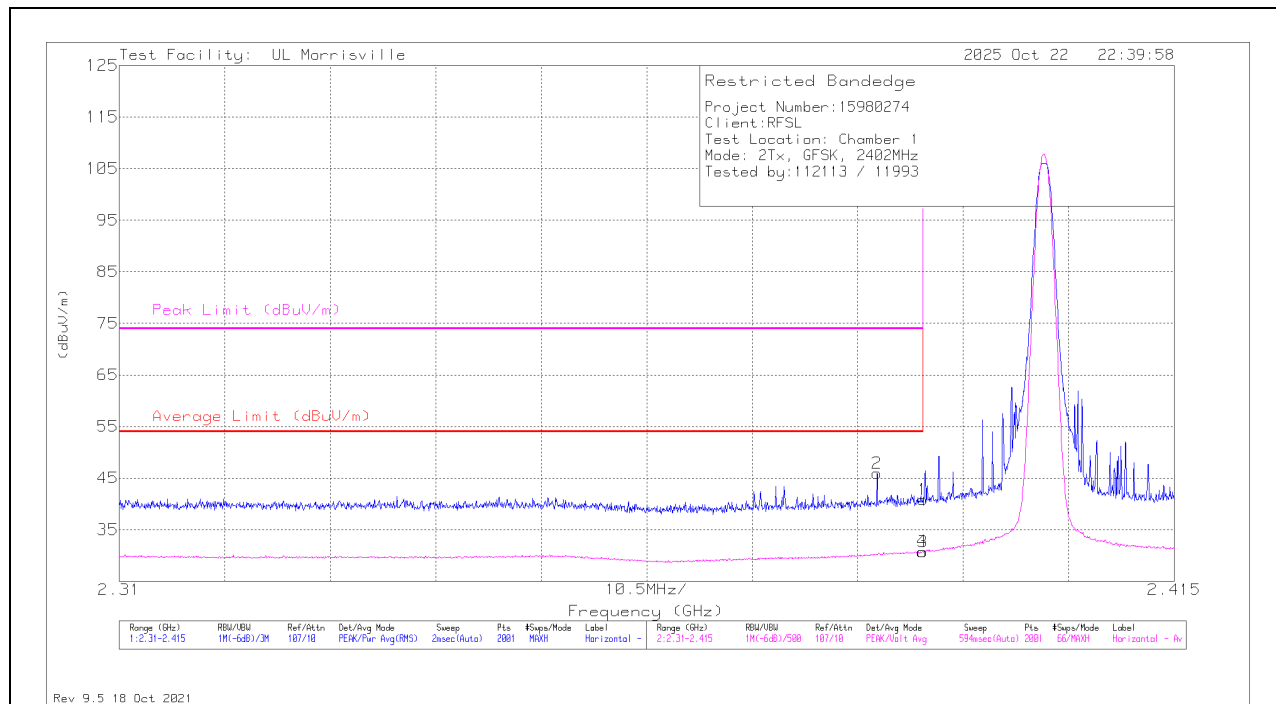
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	34.02	Pk	31.9	-25.1	40.82	-	-	74	-33.18	188	287	H
2	*** 2.38539	39.22	Pk	31.9	-25.2	45.92	-	-	74	-28.08	188	287	H
3	*** 2.38996	21.44	V1TV	31.9	-25.1	28.24	54	-25.76	-	-	188	287	H
4	*** 2.38991	21.49	V1TV	31.9	-25.1	28.29	54	-25.71	-	-	188	287	H

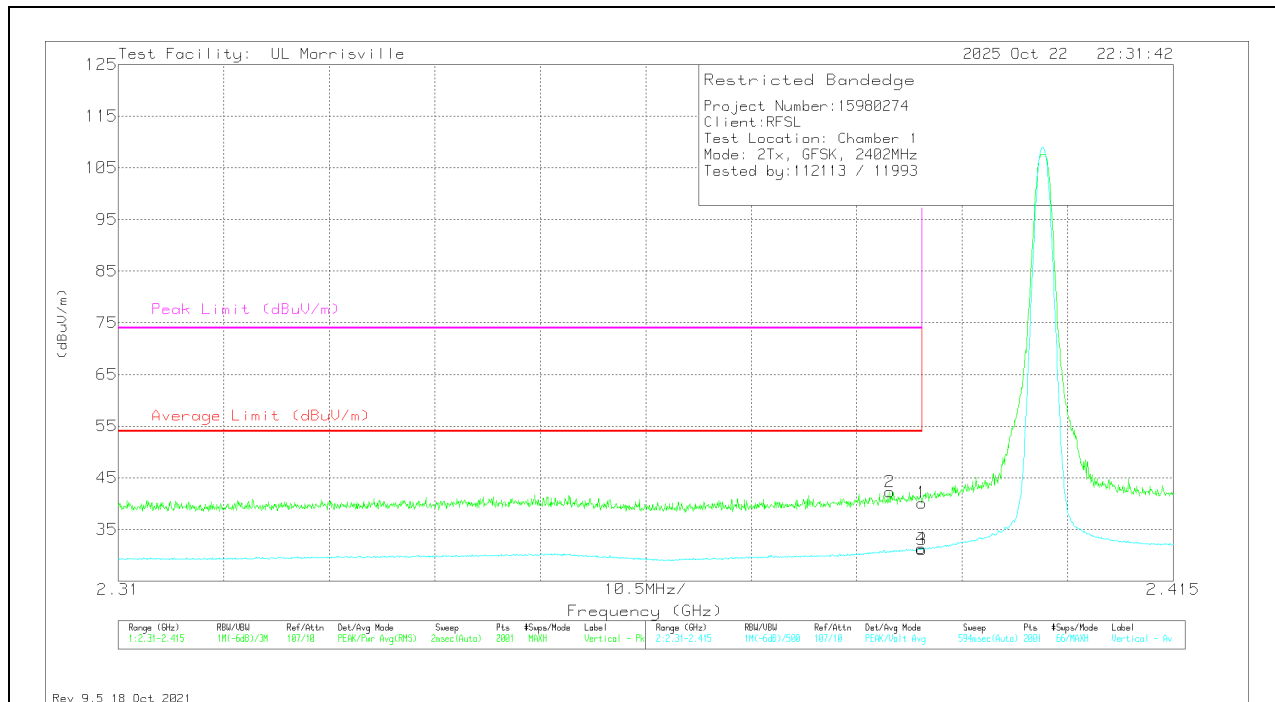
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	33.34	Pk	31.9	-25.1	40.14	-	-	74	-33.86	343	277	V
2	*** 2.38681	35.48	Pk	31.9	-25.1	42.28	-	-	74	-31.72	343	277	V
3	*** 2.38996	21.81	V1TV	31.9	-25.1	28.61	54	-25.39	-	-	343	277	V
4	*** 2.38991	22.03	V1TV	31.9	-25.1	28.83	54	-25.17	-	-	343	277	V

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

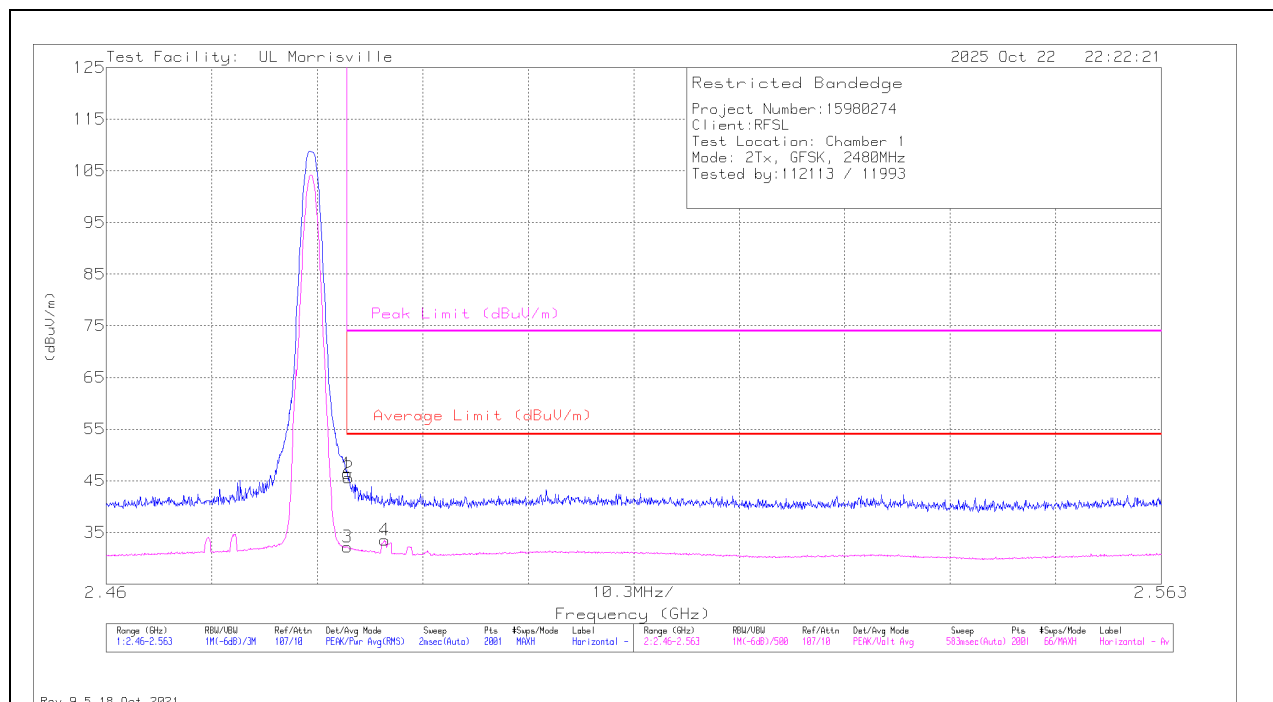
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	38.59	Pk	32.2	-24.4	46.39	-	-	74	-27.61	315	273	H
2	* ** 2.48364	37.78	Pk	32.2	-24.4	45.58	-	-	74	-28.42	315	273	H
3	* ** 2.48354	21.92	V1TV	32.2	-24.4	29.72	54	-24.28	-	-	315	273	H
4	* ** 2.48719	23.35	V1TV	32.2	-24.5	31.05	54	-22.95	-	-	315	273	H

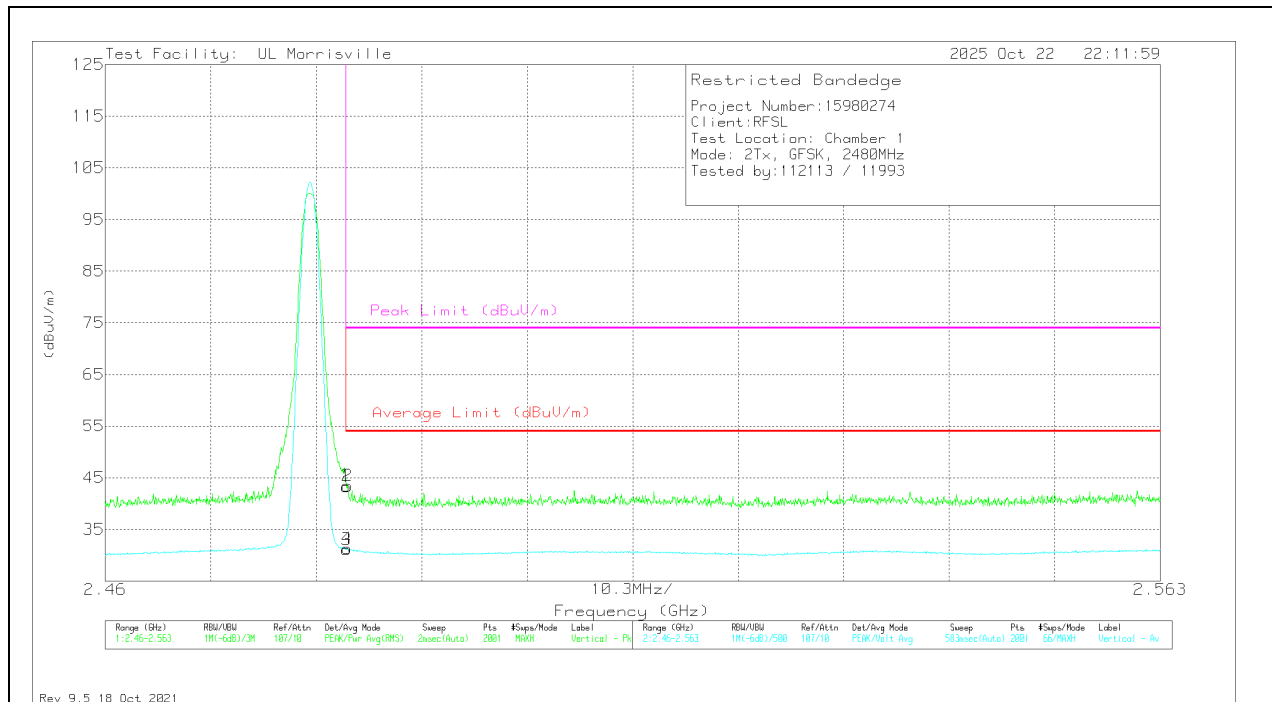
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	35.48	Pk	32.2	-24.4	43.28	-	-	74	-30.72	14	269	V
2	*** 2.48364	35.65	Pk	32.2	-24.4	43.45	-	-	74	-30.55	14	269	V
3	*** 2.48354	20.82	V1TV	32.2	-24.4	28.62	54	-25.38	-	-	14	269	V
4	*** 2.48359	21.02	V1TV	32.2	-24.4	28.82	54	-25.18	-	-	14	269	V

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

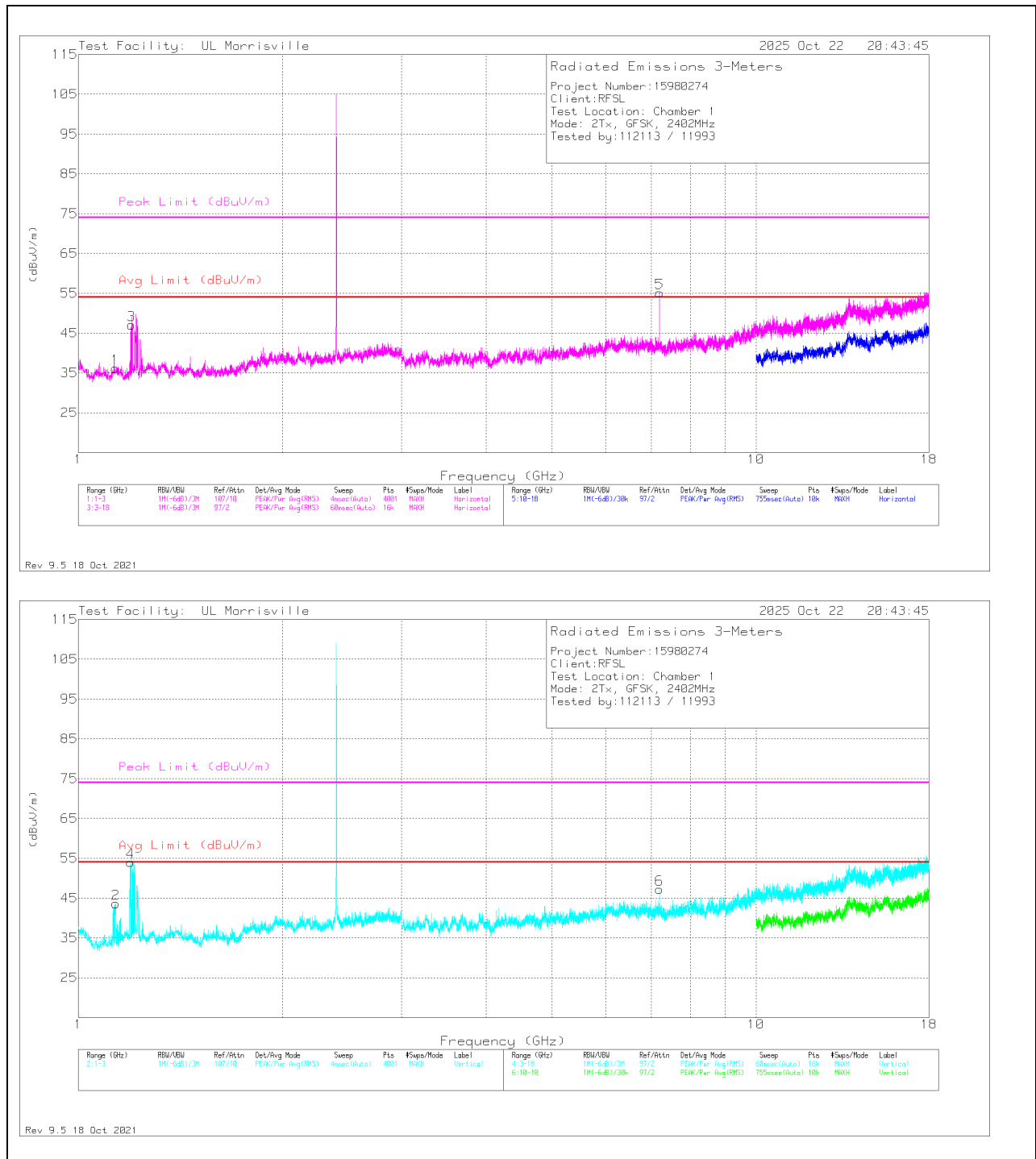
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 1.1335	33.16	Pk	28.1	-25.1	36.16	54	-17.84	74	-37.84	0-360	101	H
3	* ** 1.19973	49.91	PK2	28.7	-25.9	52.71	-	-	74	-21.29	303	264	H
	* ** 1.19994	20.62	V1TV	28.7	-25.9	23.42	54	-30.58	-	-	303	264	H
2	* ** 1.1355	40.62	Pk	28.1	-25.1	43.62	54	-10.38	74	-30.38	0-360	200	V
4	* ** 1.19555	52.02	PK2	28.7	-25.9	54.82	-	-	74	-19.18	316	226	V
	* ** 1.19566	20.78	V1TV	28.7	-25.9	23.58	54	-30.42	-	-	316	226	V
6	7.20563	54.24	Pk	35.4	-42.4	47.24	-	-	-	-	0-360	200	V
5	7.20656	62.17	Pk	35.4	-42.4	55.17	-	-	-	-	0-360	199	H

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

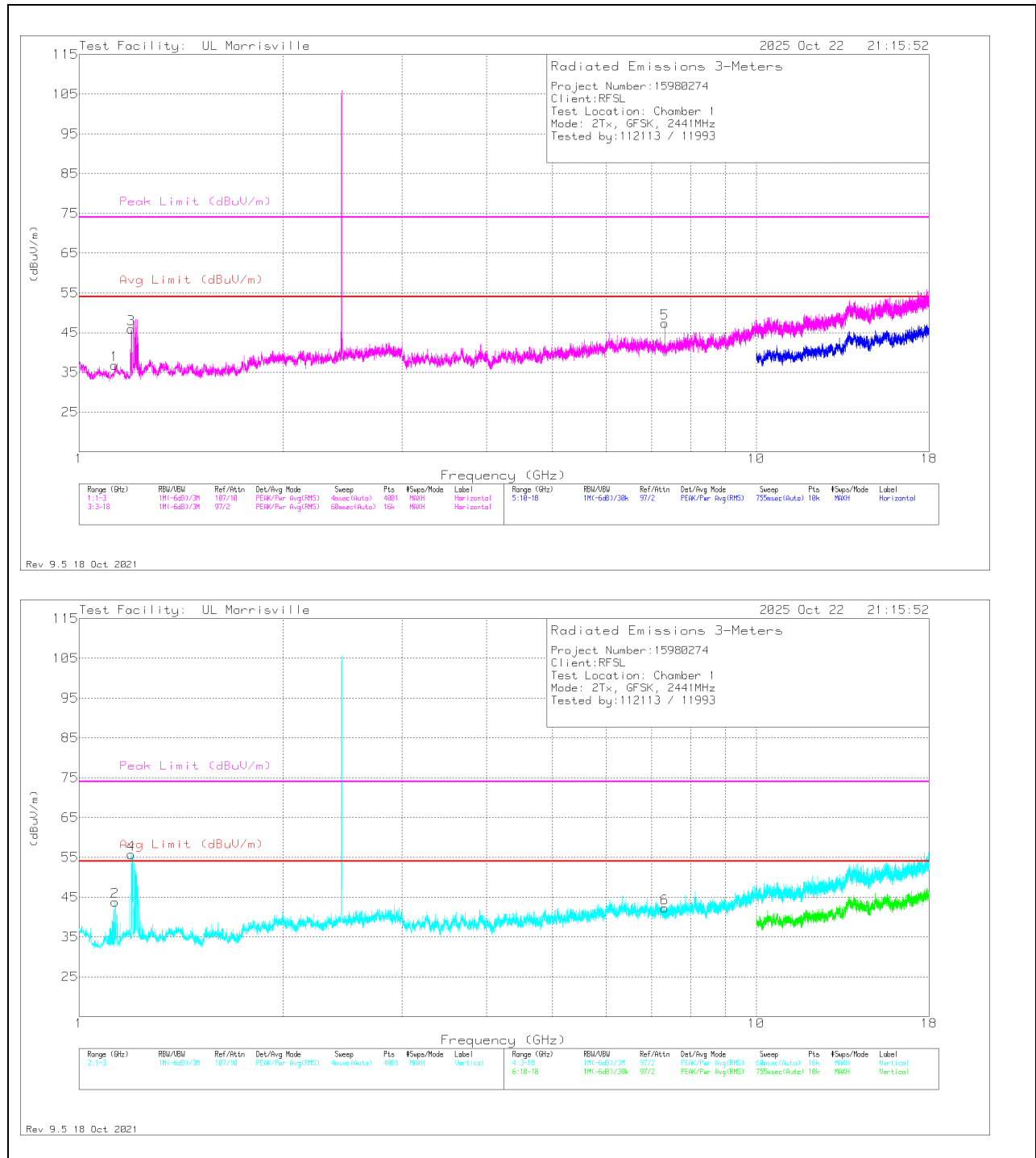
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 1.128	33.94	Pk	28.1	-25.2	36.84	54	-17.16	74	-37.16	0-360	200	H
3	* ** 1.19447	51.96	PK2	28.6	-25.9	54.66	-	-	74	-19.34	262	286	H
	* ** 1.19484	20.17	V1TV	28.6	-25.9	22.87	54	-31.13	-	-	262	286	H
2	* ** 1.129	40.94	Pk	28.1	-25.2	43.84	54	-10.16	74	-30.16	0-360	200	V
4	* ** 1.19443	54.12	PK2	28.6	-25.9	56.82	-	-	74	-17.18	327	162	V
	* ** 1.1959	20.75	V1TV	28.7	-25.9	23.55	54	-30.45	-	-	327	162	V
5	* ** 7.32281	55.36	Pk	35.4	-43.4	47.36	54	-6.64	74	-26.64	0-360	101	H
6	* ** 7.32281	50.25	Pk	35.4	-43.4	42.25	54	-11.75	74	-31.75	0-360	200	V

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

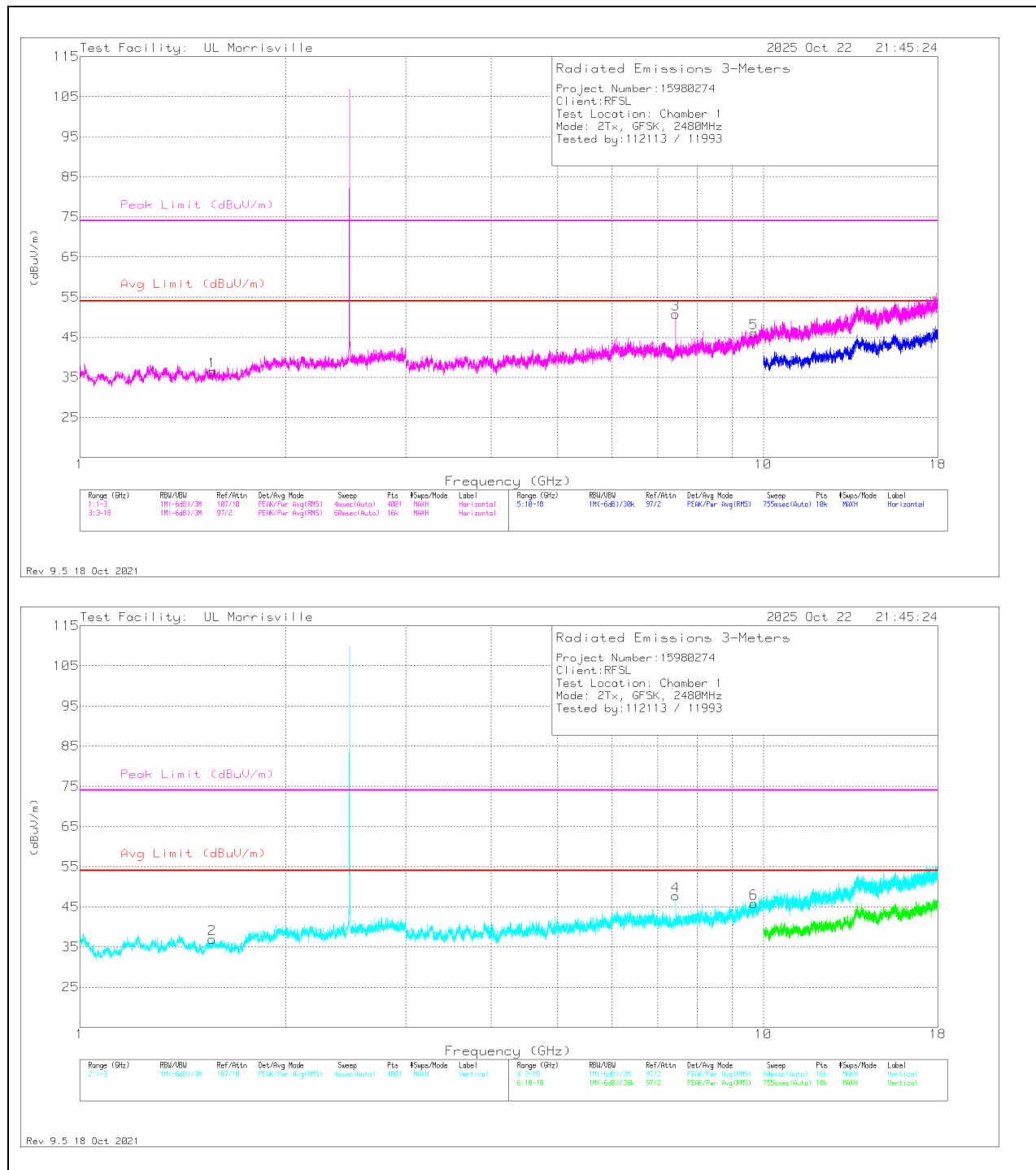
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 1.562	32.88	Pk	28	-24.4	36.48	54	-17.52	74	-37.52	0-360	200	H
2	* ** 1.5615	33.36	Pk	28	-24.4	36.96	54	-17.04	74	-37.04	0-360	101	V
3	* ** 7.43954	64.04	PK2	35.4	-42.6	56.84	-	-	74	-17.16	326	178	H
	* ** 7.43998	51.55	V1TV	35.4	-42.6	44.35	54	-9.65	-	-	326	178	H
4	* ** 7.4396	58.31	PK2	35.4	-42.6	51.11	-	-	74	-22.89	334	178	V
	* ** 7.4399	48.82	V1TV	35.4	-42.6	41.62	54	-12.38	-	-	334	178	V
5	9.67875	49.92	Pk	36.8	-40.7	46.02	-	-	-	-	0-360	199	H
6	9.68344	49.17	Pk	36.8	-40.1	45.87	-	-	-	-	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

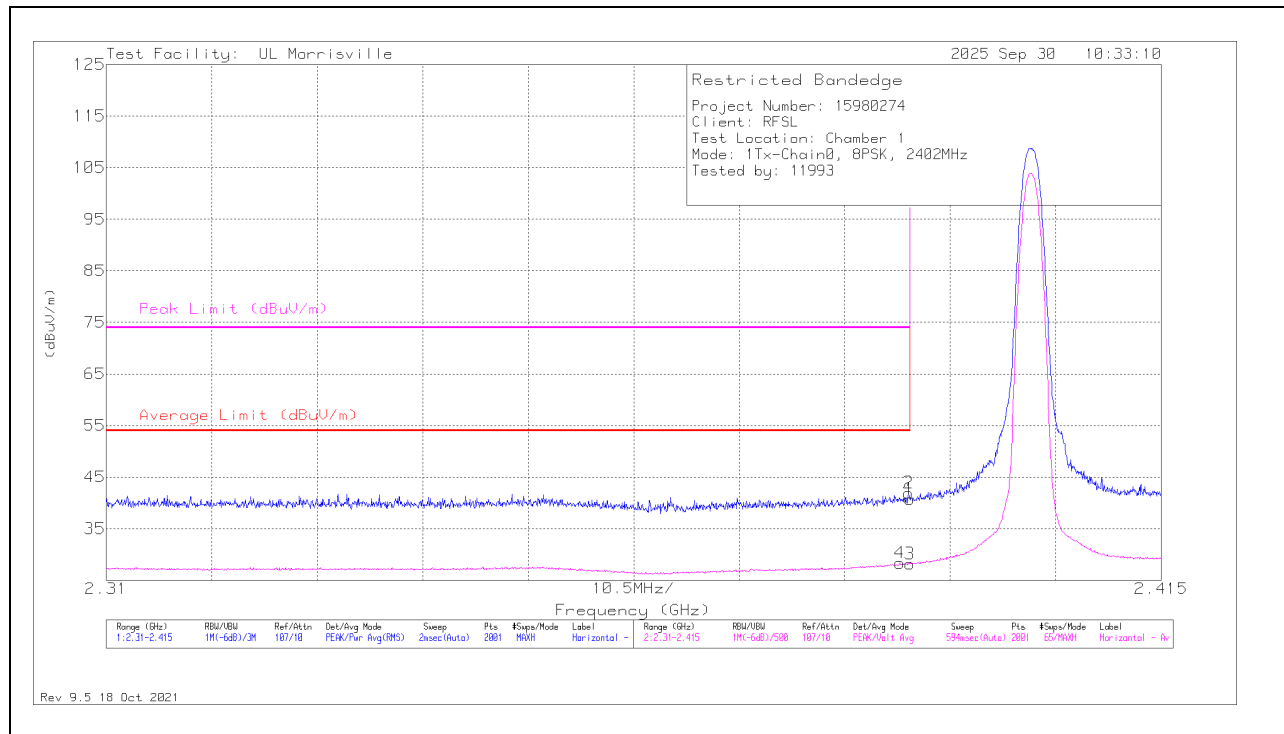
V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

10.1.2. BLUETOOTH ENHANCED DATA RATE 8PSK MODULATION

Antenna 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	33.89	Pk	31.9	-25.1	40.69	-	-	74	-33.31	120	162	H
2	* ** 2.38985	35.13	Pk	31.9	-25.1	41.93	-	-	74	-32.07	120	162	H
3	* ** 2.38996	21.36	V1TV	31.9	-25.1	28.16	54	-25.84	-	-	120	162	H
4	* ** 2.38896	21.55	V1TV	31.9	-25.1	28.35	54	-25.65	-	-	120	162	H

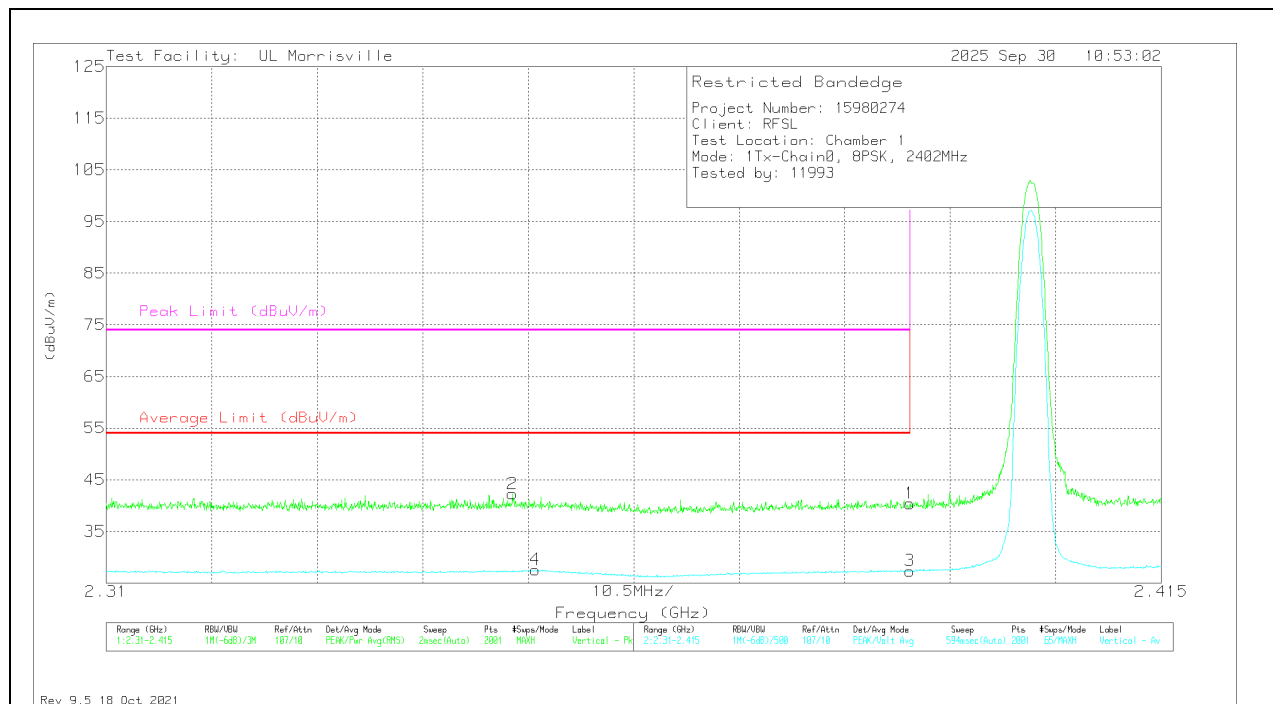
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	33.6	Pk	31.9	-25.1	40.4	-	-	74	-33.6	264	308	V
2	*** 2.35043	35.16	Pk	31.8	-24.7	42.26	-	-	74	-31.74	264	308	V
3	*** 2.38996	20.56	V1TV	31.9	-25.1	27.36	54	-26.64	-	-	264	308	V
4	*** 2.35268	20.48	V1TV	31.8	-24.7	27.58	54	-26.42	-	-	264	308	V

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

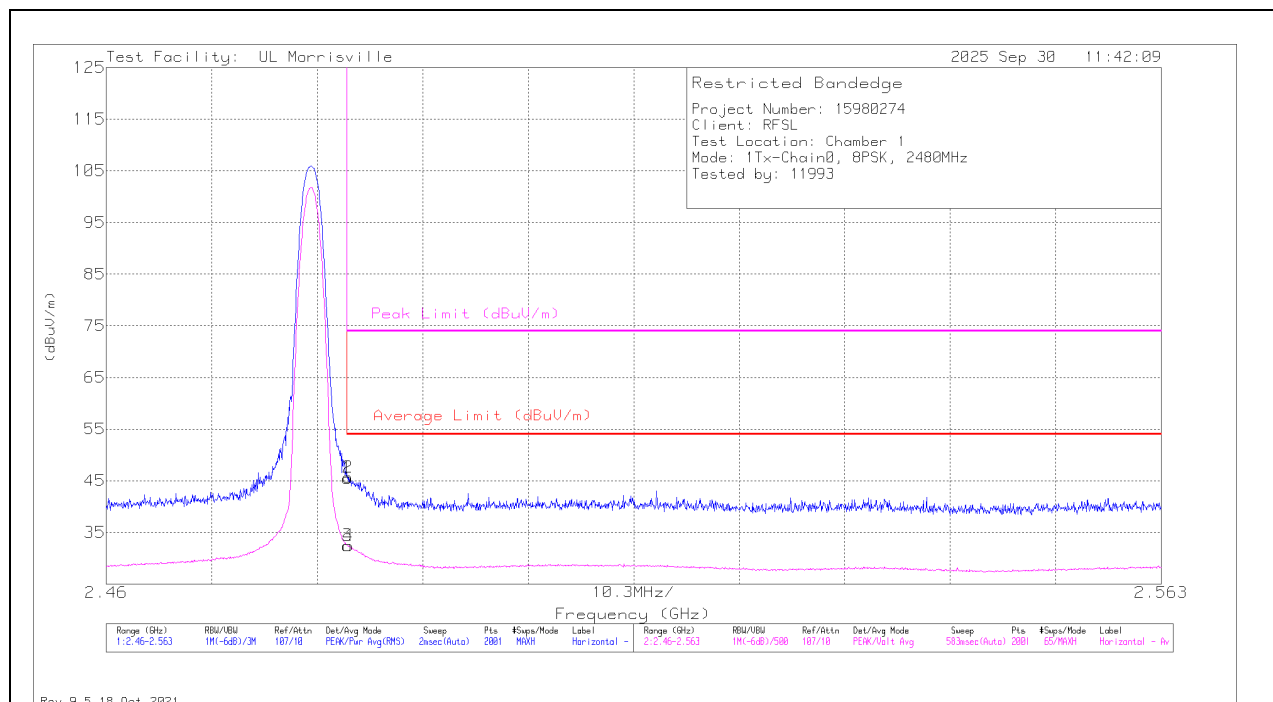
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	37.68	Pk	32.2	-24.4	45.48	-	-	74	-28.52	125	269	H
2	* ** 2.48359	37.88	Pk	32.2	-24.4	45.68	-	-	74	-28.32	125	269	H
3	* ** 2.48354	24.66	V1TV	32.2	-24.4	32.46	54	-21.54	-	-	125	269	H
4	* ** 2.48364	24.63	V1TV	32.2	-24.4	32.43	54	-21.57	-	-	125	269	H

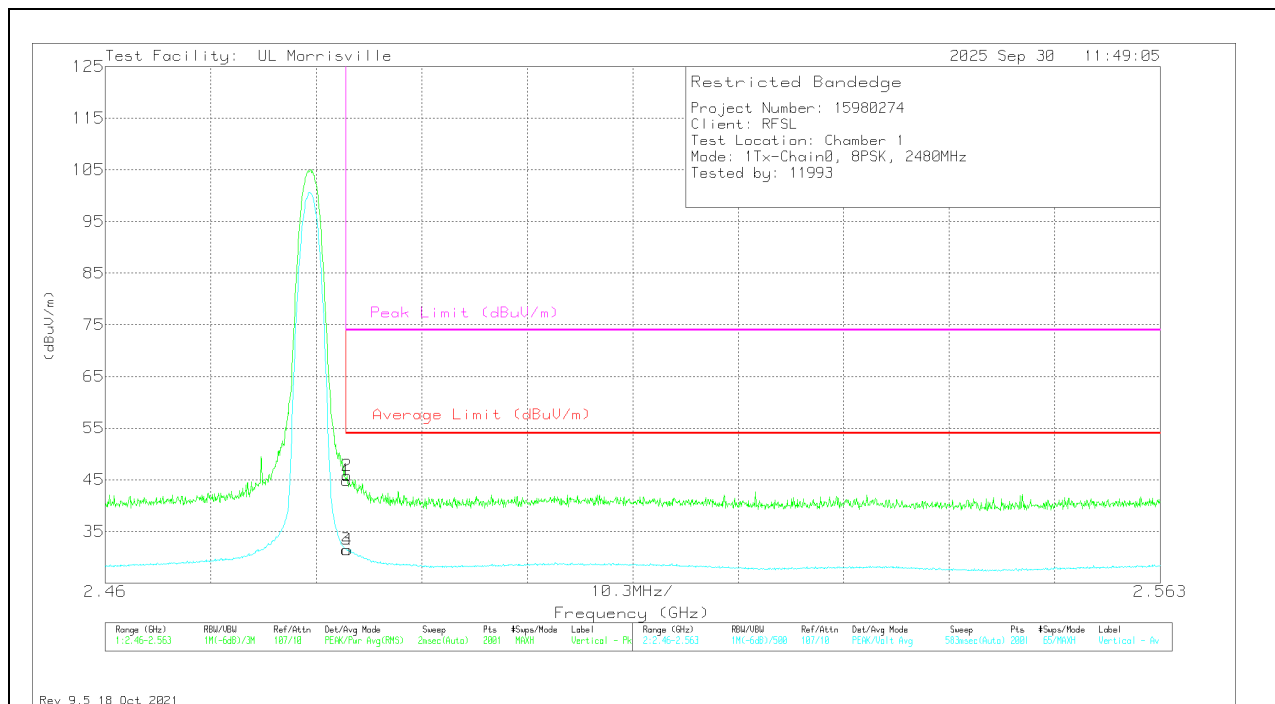
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	*** 2.48354	37.08	Pk	32.2	-24.4	44.88	-	-	74	-29.12	166	370	V
2	*** 2.48359	38	Pk	32.2	-24.4	45.8	-	-	74	-28.2	166	370	V
3	*** 2.48354	23.69	V1TV	32.2	-24.4	31.49	54	-22.51	-	-	166	370	V
4	*** 2.48364	23.62	V1TV	32.2	-24.4	31.42	54	-22.58	-	-	166	370	V

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

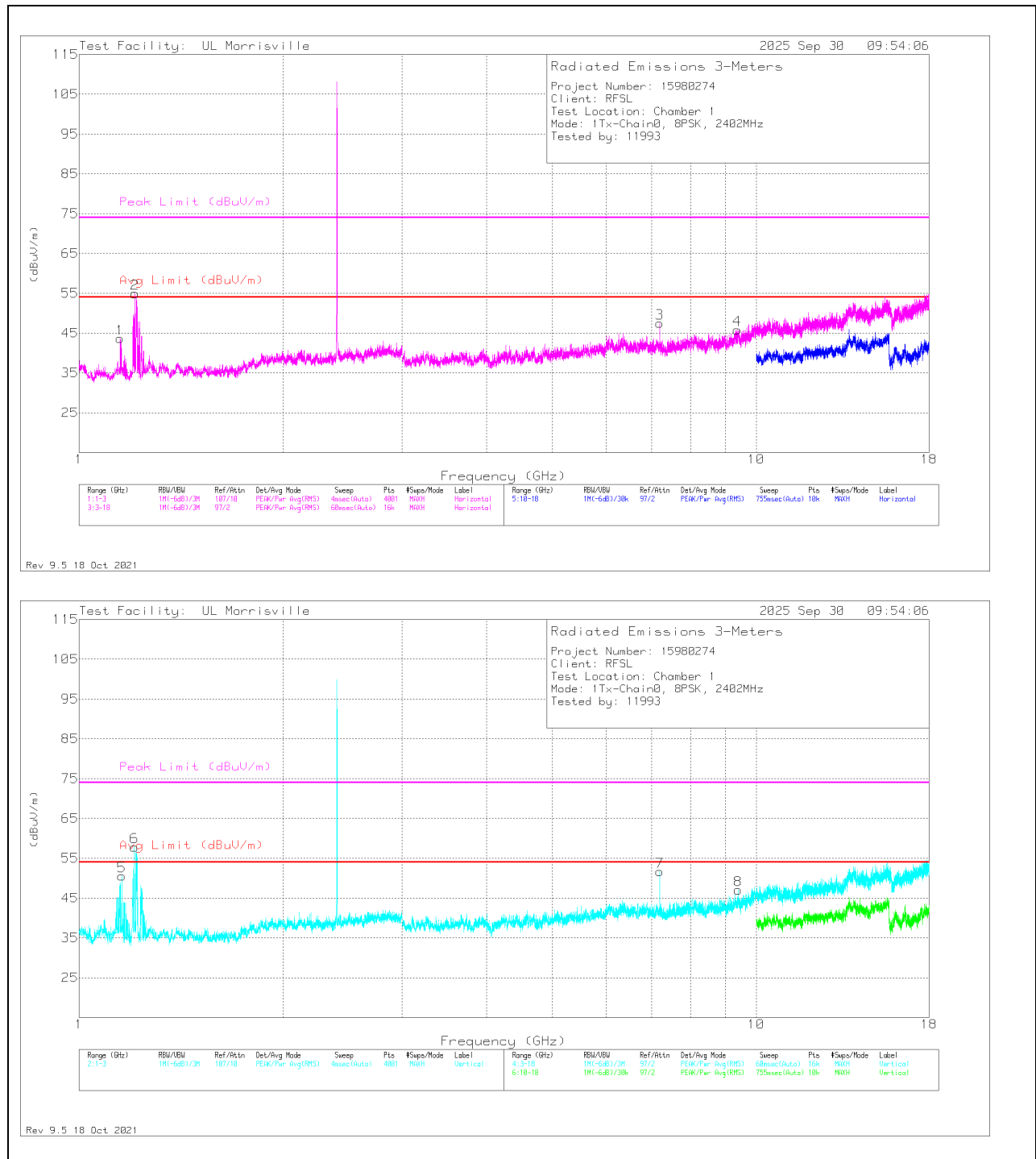
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	*** 1.149	41.33	Pk	28.2	-25.9	43.63	54	-10.37	74	-30.37	0-360	199	H
2	*** 1.20824	50.47	PK2	28.8	-25.3	53.97	-	-	74	-20.03	305	169	H
	*** 1.20747	21.74	V1TV	28.8	-25.3	25.24	54	-28.76	-	-	305	169	H
5	*** 1.15464	51.53	PK2	28.2	-25.2	54.53	-	-	74	-19.47	207	112	V
	*** 1.1572	21.23	V1TV	28.3	-25	24.53	54	-29.47	-	-	207	112	V
6	*** 1.2074	56.93	PK2	28.8	-25.3	60.43	-	-	74	-13.57	18	110	V
	*** 1.20697	21.58	V1TV	28.8	-25.4	24.98	54	-29.02	-	-	18	110	V
4	*** 9.37875	50.77	Pk	36.2	-41.1	45.87	54	-8.13	74	-28.13	0-360	101	H
8	*** 9.40781	50.95	Pk	36.3	-40.2	47.05	54	-6.95	74	-26.95	0-360	199	V
3	7.20563	54.52	Pk	35.4	-42.4	47.52	-	-	-	-	0-360	199	H
7	7.20563	58.68	Pk	35.4	-42.4	51.68	-	-	-	-	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	*** 7.32281	54.81	Pk	35.4	-43.4	46.81	54	-7.19	74	-27.19	0-360	199	H
2	*** 9.12094	50.11	Pk	35.9	-41.6	44.41	54	-9.59	74	-29.59	0-360	101	H
3	*** 9.34031	51.14	Pk	36.2	-40.6	46.74	54	-7.26	74	-27.26	0-360	199	H
4	*** 7.32286	62.52	PK2	35.4	-43.4	54.52	-	-	74	-19.48	233	115	V
	*** 7.32304	52.4	V1TV	35.4	-43.4	44.4	54	-9.6	-	-	233	115	V
5	*** 9.15281	50.04	Pk	35.9	-40.7	45.24	54	-8.76	74	-28.76	0-360	200	V
6	*** 9.40219	49.58	Pk	36.3	-40.4	45.48	54	-8.52	74	-28.52	0-360	200	V

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

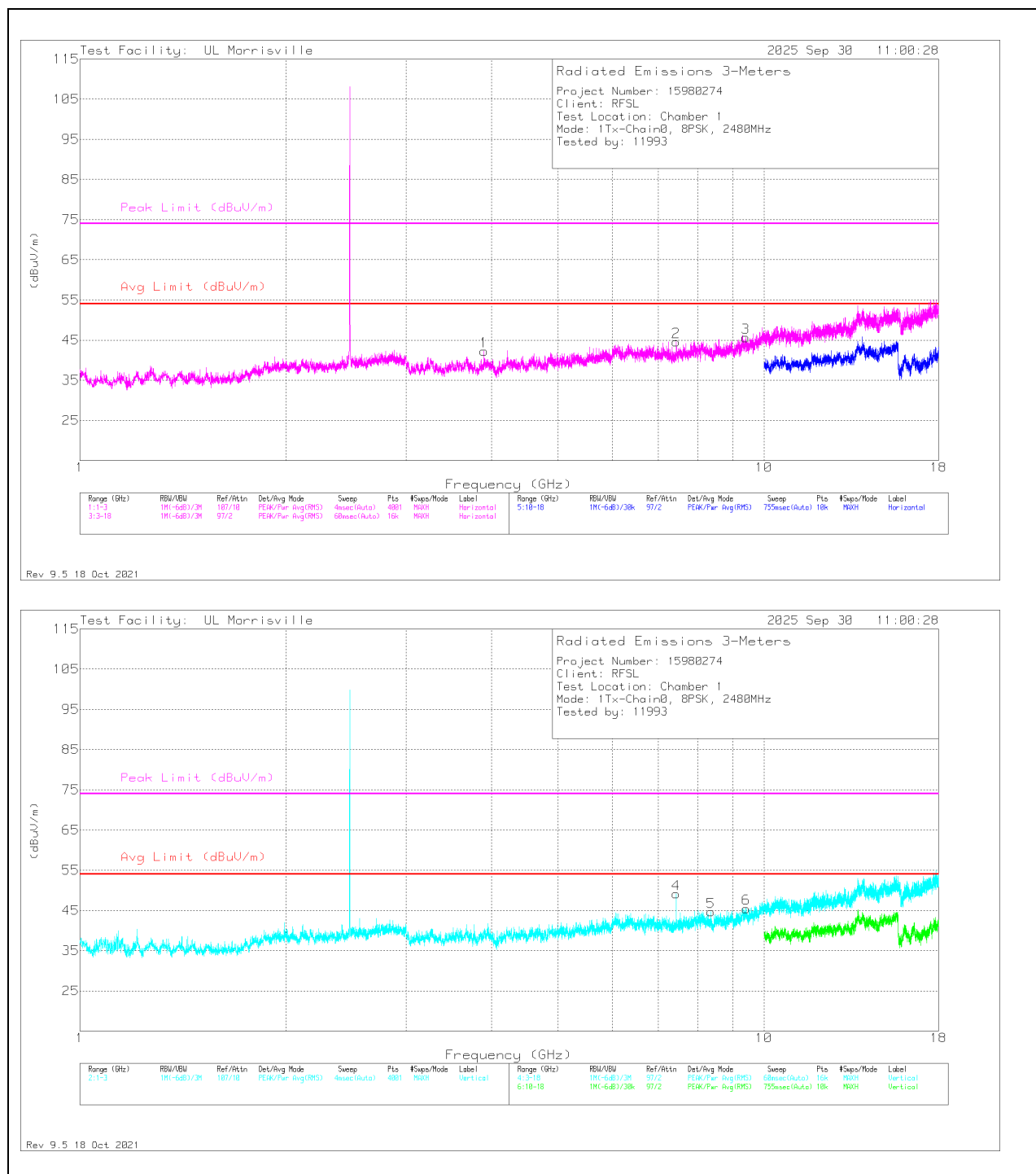
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 3.89813	54.16	Pk	32.9	-44.8	42.26	54	-11.74	74	-31.74	0-360	101	H
2	* ** 7.44	51.77	Pk	35.4	-42.6	44.57	54	-9.43	74	-29.43	0-360	199	H
3	* ** 9.40688	49.55	Pk	36.3	-40.2	45.65	54	-8.35	74	-28.35	0-360	101	H
4	* ** 7.44038	58.07	PK2	35.4	-42.6	50.87	-	-	74	-23.13	184	121	V
	* ** 7.44006	46.9	V1TV	35.4	-42.6	39.7	54	-14.3	-	-	184	121	V
5	* ** 8.36813	50.06	Pk	35.8	-41.2	44.66	54	-9.34	74	-29.34	0-360	101	V
6	* ** 9.41719	50.5	Pk	36.3	-41.3	45.5	54	-8.5	74	-28.5	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

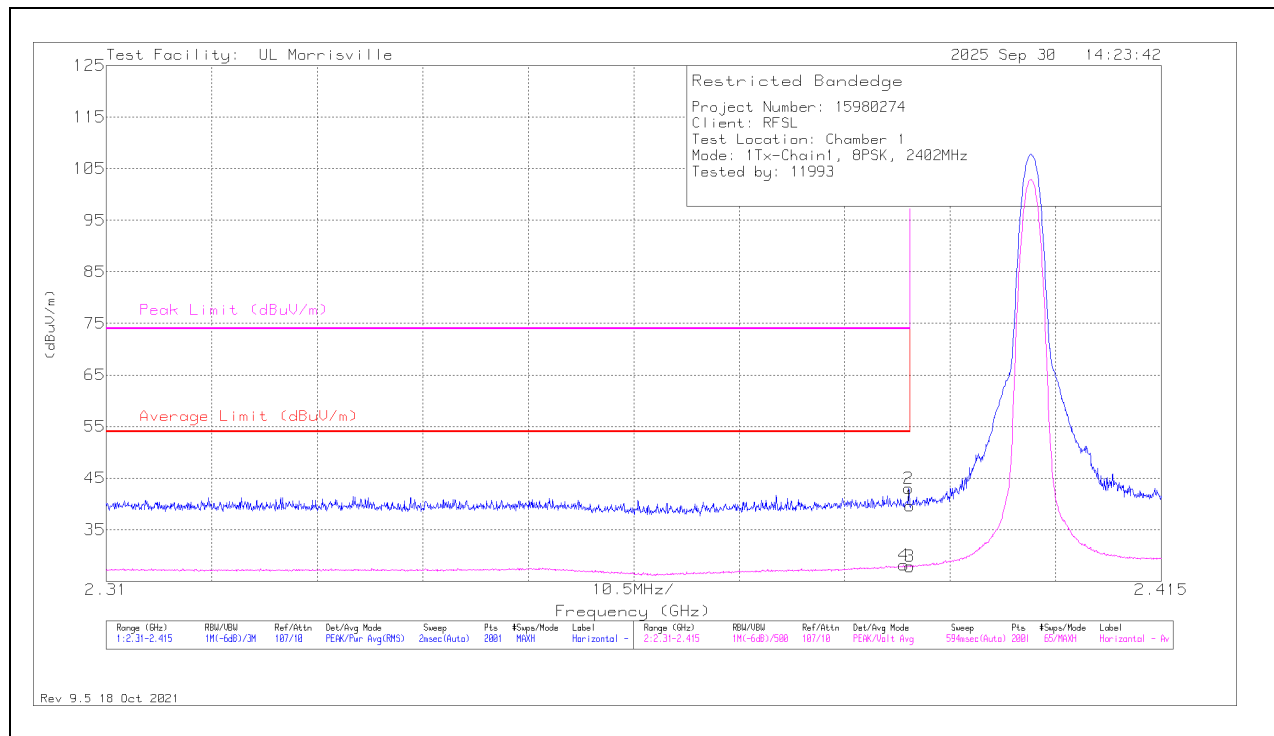
PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

Antenna 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	32.77	Pk	31.9	-25.1	39.57	-	-	74	-34.43	355	245	H
2	*** 2.38985	36.2	Pk	31.9	-25.1	43	-	-	74	-31	355	245	H
3	*** 2.38996	21.07	V1TV	31.9	-25.1	27.87	54	-26.13	-	-	355	245	H
4	*** 2.38938	21.32	V1TV	31.9	-25.1	28.12	54	-25.88	-	-	355	245	H

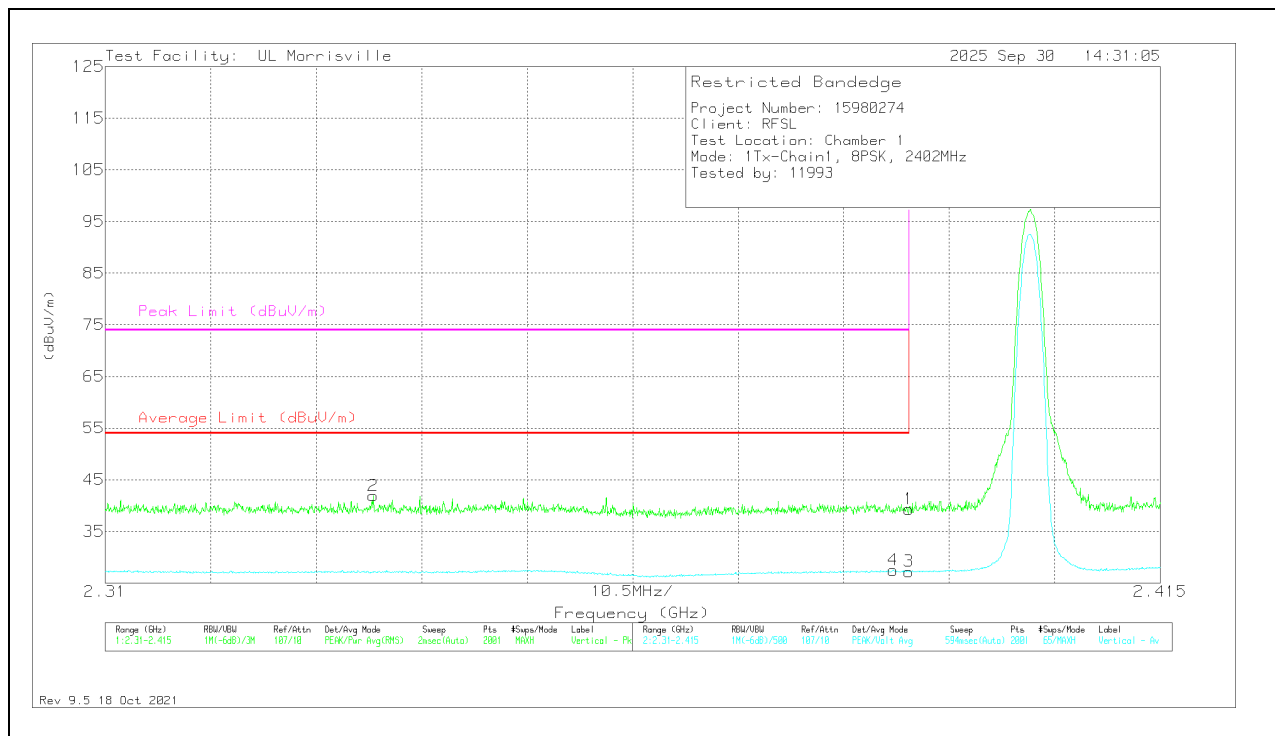
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	32.5	Pk	31.9	-25.1	39.3	-	-	74	-34.7	61	177	V
2	*** 2.33667	35	Pk	31.8	-24.9	41.9	-	-	74	-32.1	61	177	V
3	*** 2.38996	20.43	V1TV	31.9	-25.1	27.23	54	-26.77	-	-	61	177	V
4	*** 2.38844	20.7	V1TV	31.9	-25.1	27.5	54	-26.5	-	-	61	177	V

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

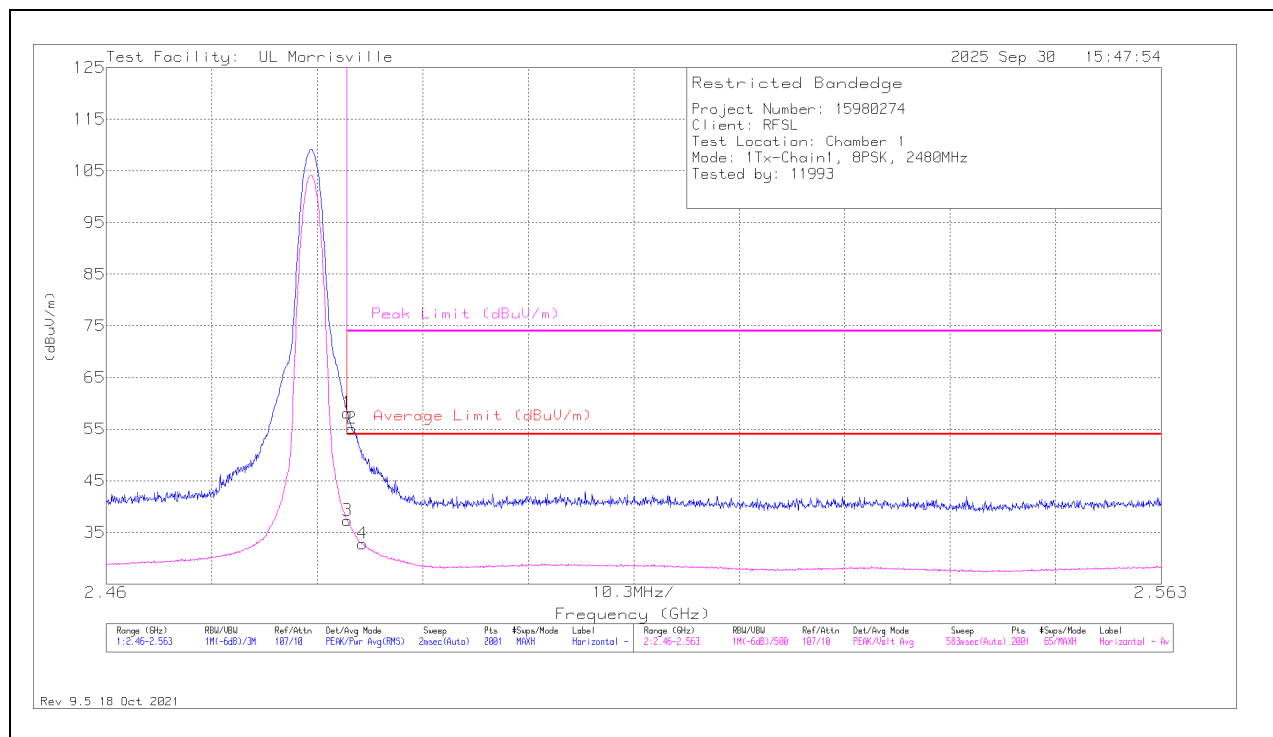
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	50.33	Pk	32.2	-24.4	58.13	-	-	74	-15.87	4	238	H
2	* ** 2.484	47.32	Pk	32.2	-24.4	55.12	-	-	74	-18.88	4	238	H
3	* ** 2.48354	29.51	V1TV	32.2	-24.4	37.31	54	-16.69	-	-	4	238	H
4	* ** 2.48503	25.13	V1TV	32.2	-24.5	32.83	54	-21.17	-	-	4	238	H

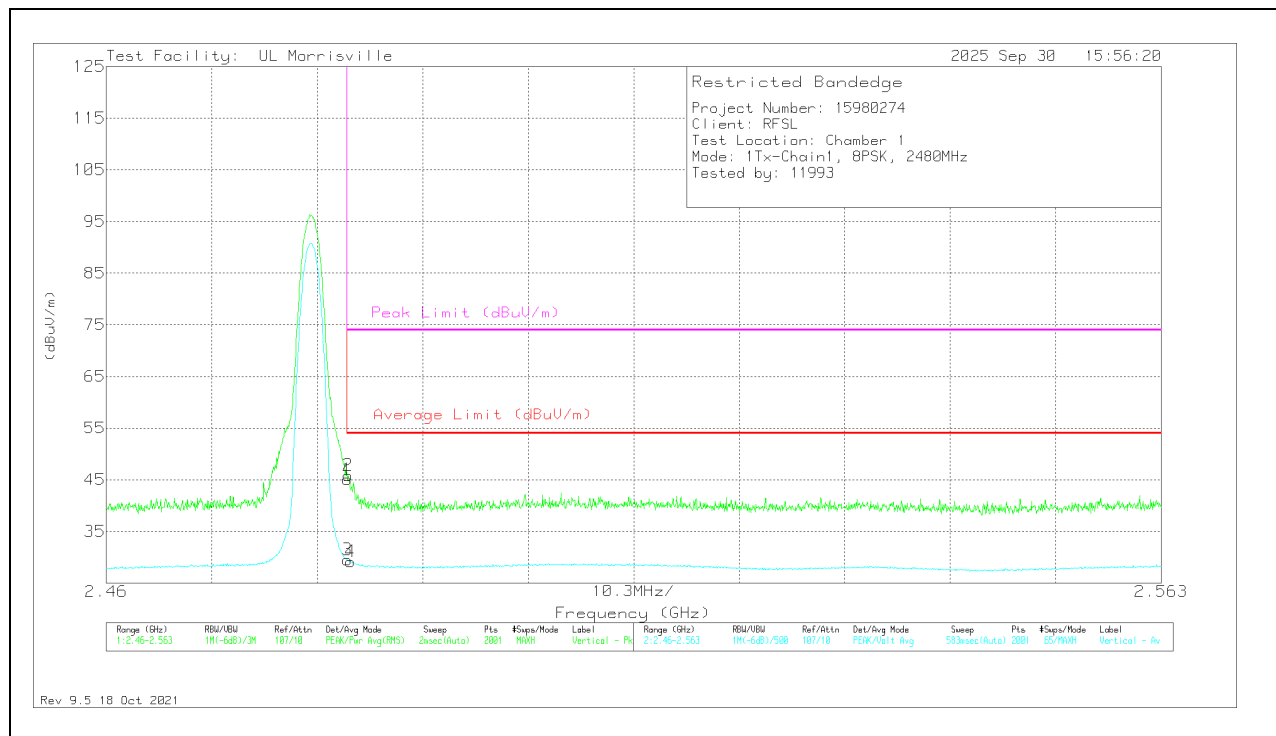
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	37.26	Pk	32.2	-24.4	45.06	-	-	74	-28.94	314	238	V
2	*** 2.48359	38.04	Pk	32.2	-24.4	45.84	-	-	74	-28.16	314	238	V
3	*** 2.48354	21.7	V1TV	32.2	-24.4	29.5	54	-24.5	-	-	314	238	V
4	*** 2.48384	21.34	V1TV	32.2	-24.4	29.14	54	-24.86	-	-	314	238	V

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

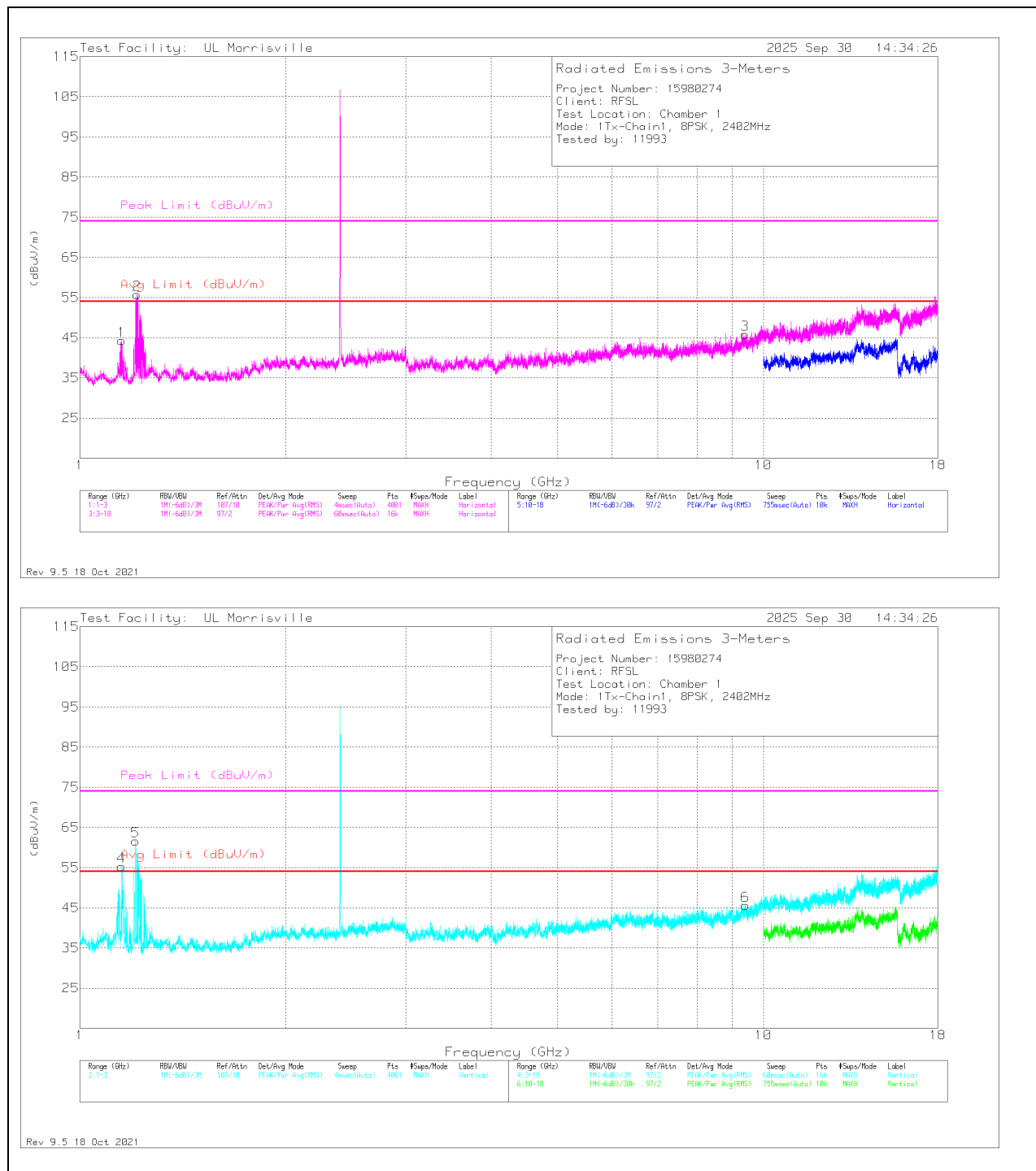
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	*** 1.152	41.57	Pk	28.2	-25.5	44.27	54	-9.73	74	-29.73	0-360	101	H
2	*** 1.21106	57.07	PK2	28.8	-25.2	60.67	-	-	74	-13.33	207	273	H
	*** 1.21144	21.61	V1TV	28.8	-25.2	25.21	54	-28.79	-	-	207	273	H
4	*** 1.1509	54.56	PK2	28.2	-25.6	57.16	-	-	74	-16.84	214	118	V
	*** 1.14913	21.81	V1TV	28.2	-25.8	24.21	54	-29.79	-	-	214	118	V
5	*** 1.20733	60.04	PK2	28.8	-25.3	63.54	-	-	74	-10.46	237	101	V
	*** 1.20597	21.75	V1TV	28.8	-25.4	25.15	54	-28.85	-	-	237	101	V
3	*** 9.40969	50	Pk	36.3	-40.5	45.8	54	-8.2	74	-28.2	0-360	200	H
6	*** 9.41063	49.84	Pk	36.3	-40.6	45.54	54	-8.46	74	-28.46	0-360	200	V

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

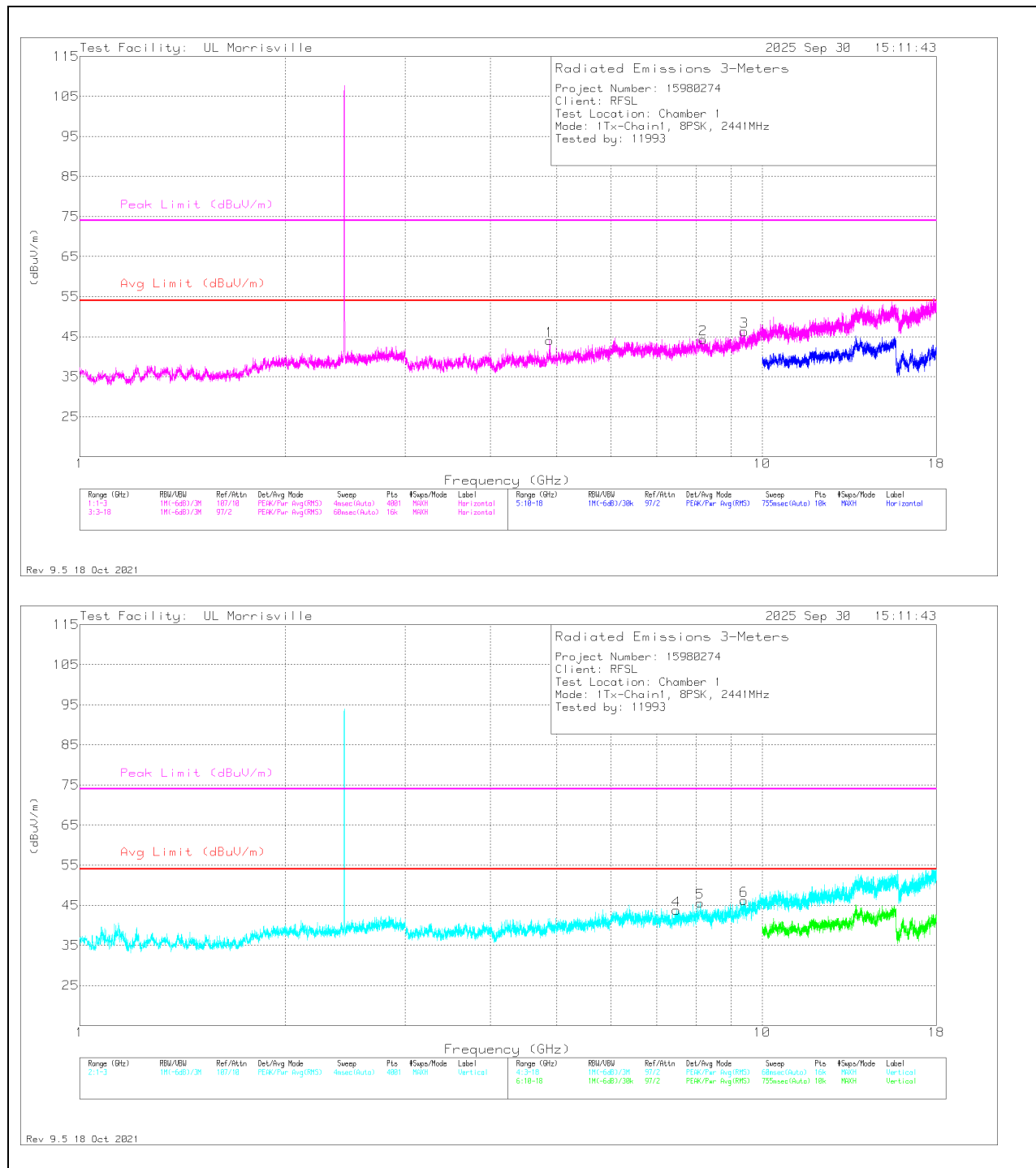
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

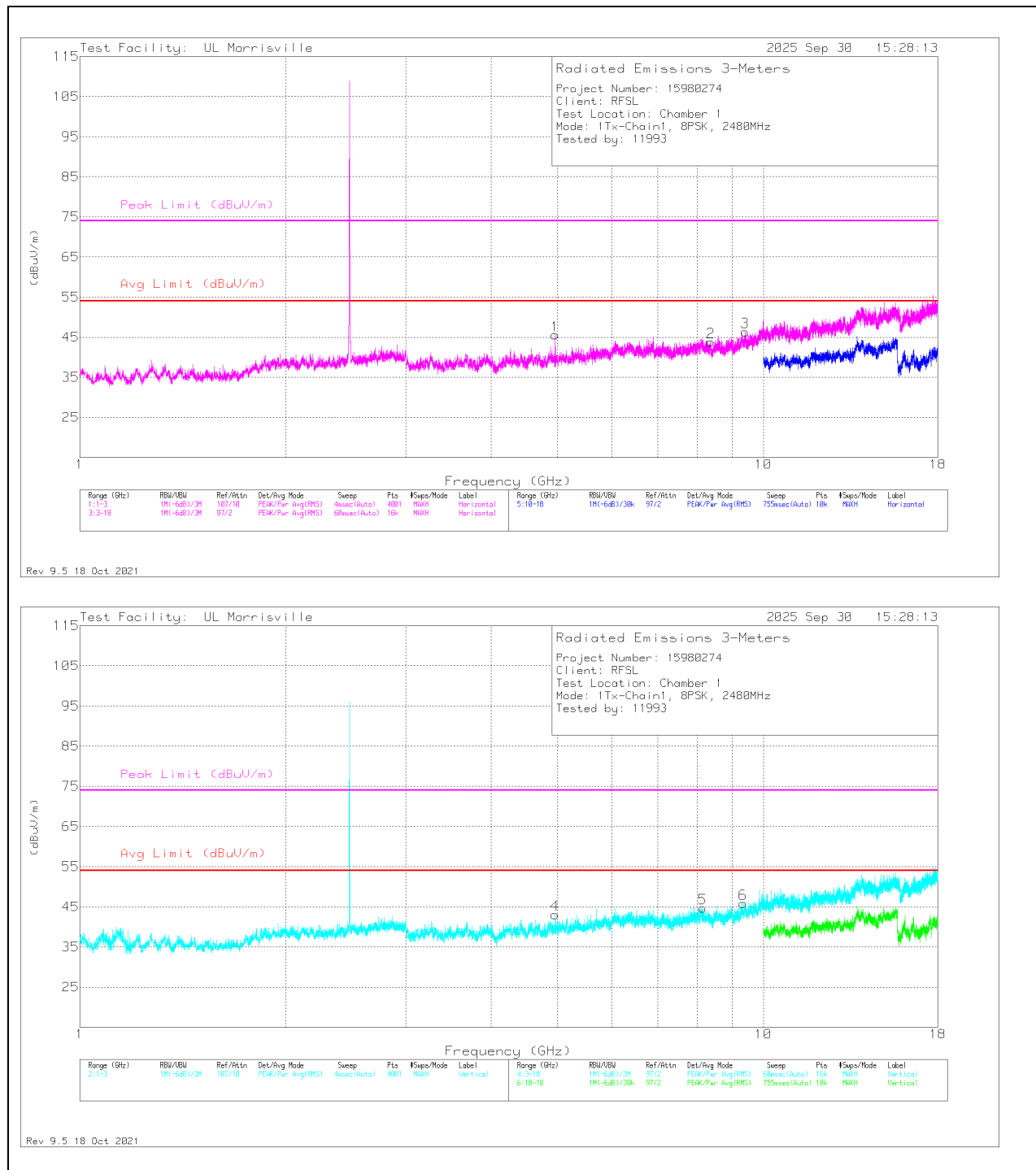
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.8825	55.42	Pk	34	-45.4	44.02	54	-9.98	74	-29.98	0-360	199	H
2	* ** 8.19563	50.25	Pk	35.9	-41.8	44.35	54	-9.65	74	-29.65	0-360	101	H
3	* ** 9.41156	50.68	Pk	36.3	-40.7	46.28	54	-7.72	74	-27.72	0-360	101	H
4	* ** 7.48594	50.28	Pk	35.5	-42	43.78	54	-10.22	74	-30.22	0-360	101	V
5	* ** 8.1075	51.12	Pk	35.9	-41.4	45.62	54	-8.38	74	-28.38	0-360	101	V
6	* ** 9.40031	50.4	Pk	36.3	-40.5	46.2	54	-7.8	74	-27.8	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 4.95938	57.04	Pk	34.2	-45.7	45.54	54	-8.46	74	-28.46	0-360	200	H
2	* ** 8.38125	49.6	Pk	35.8	-41.6	43.8	54	-10.2	74	-30.2	0-360	200	H
3	* ** 9.40594	50.28	Pk	36.3	-40.2	46.38	54	-7.62	74	-27.62	0-360	200	H
4	* ** 4.95938	54.58	Pk	34.2	-45.7	43.08	54	-10.92	74	-30.92	0-360	101	V
5	* ** 8.14875	50.2	Pk	35.9	-41.4	44.7	54	-9.3	74	-29.3	0-360	200	V
6	* ** 9.345	50.24	Pk	36.2	-40.6	45.84	54	-8.16	74	-28.16	0-360	101	V

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

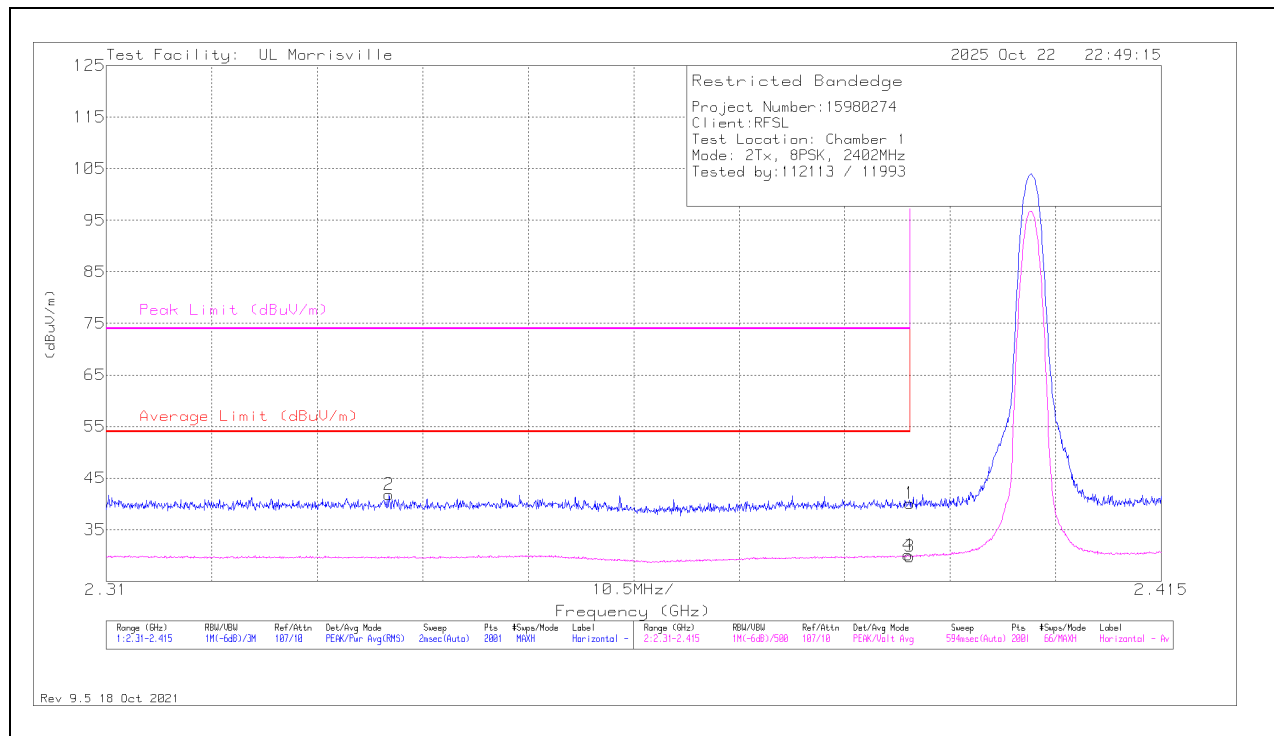
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	33.31	Pk	31.9	-25.1	40.11	-	-	74	-33.89	315	287	H
2	*** 2.33814	34.91	Pk	31.8	-24.9	41.81	-	-	74	-32.19	315	287	H
3	*** 2.38996	20.57	V1TV	31.9	-25.1	27.37	54	-26.63	-	-	315	287	H
4	*** 2.3898	20.82	V1TV	31.9	-25.1	27.62	54	-26.38	-	-	315	287	H

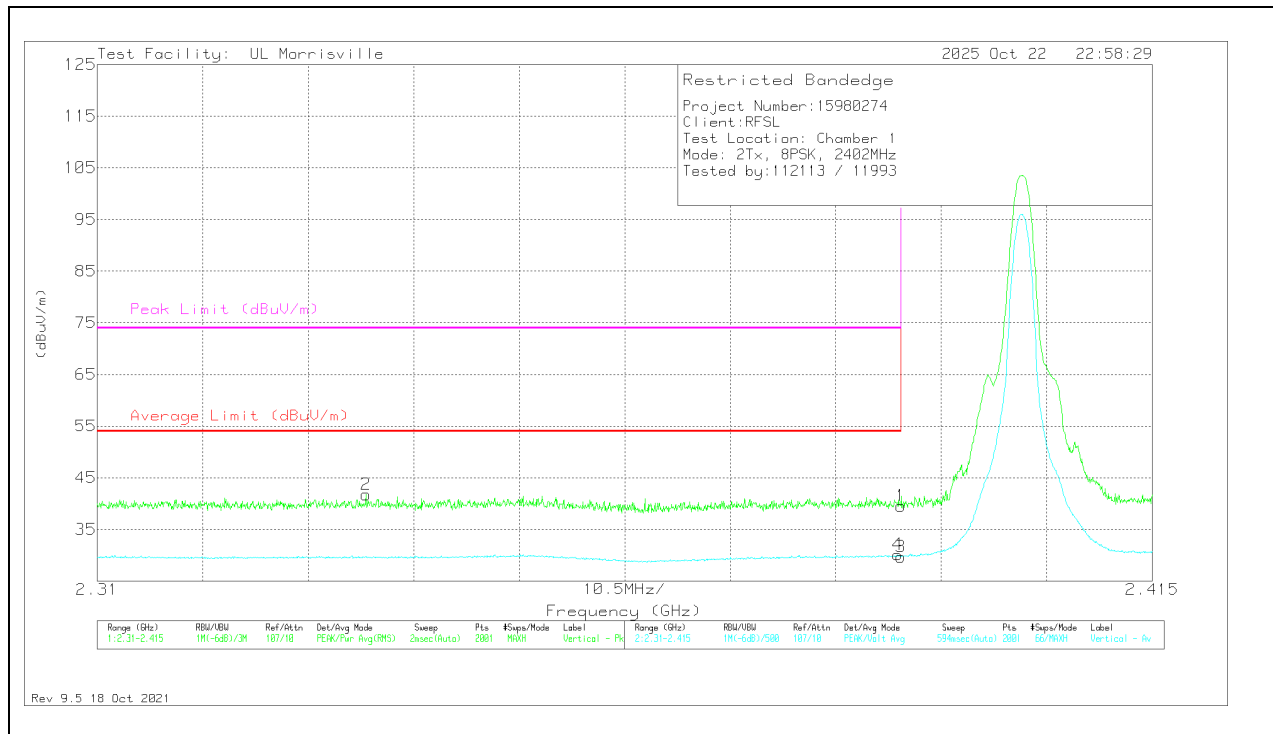
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	32.76	Pk	31.9	-25.1	39.56	-	-	74	-34.44	73	178	V
2	*** 2.33678	34.85	Pk	31.8	-24.9	41.75	-	-	74	-32.25	73	178	V
3	*** 2.38996	20.45	V1TV	31.9	-25.1	27.25	54	-26.75	-	-	73	178	V
4	*** 2.38964	20.86	V1TV	31.9	-25.1	27.66	54	-26.34	-	-	73	178	V

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

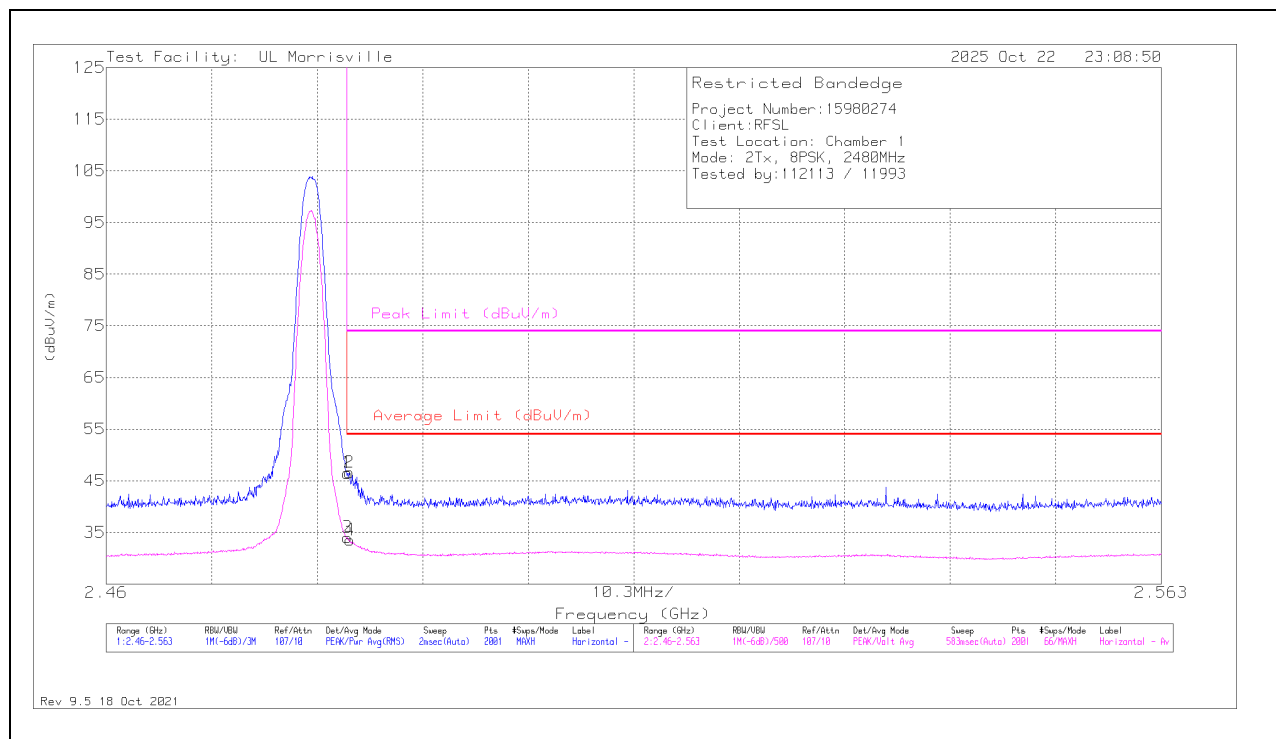
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	38.69	Pk	32.2	-24.4	46.49	-	-	74	-27.51	111	160	H
2	* ** 2.48374	38.81	Pk	32.2	-24.4	46.61	-	-	74	-27.39	111	160	H
3	* ** 2.48354	23.77	V1TV	32.2	-24.4	31.57	54	-22.43	-	-	111	160	H
4	* ** 2.48379	23.28	V1TV	32.2	-24.4	31.08	54	-22.92	-	-	111	160	H

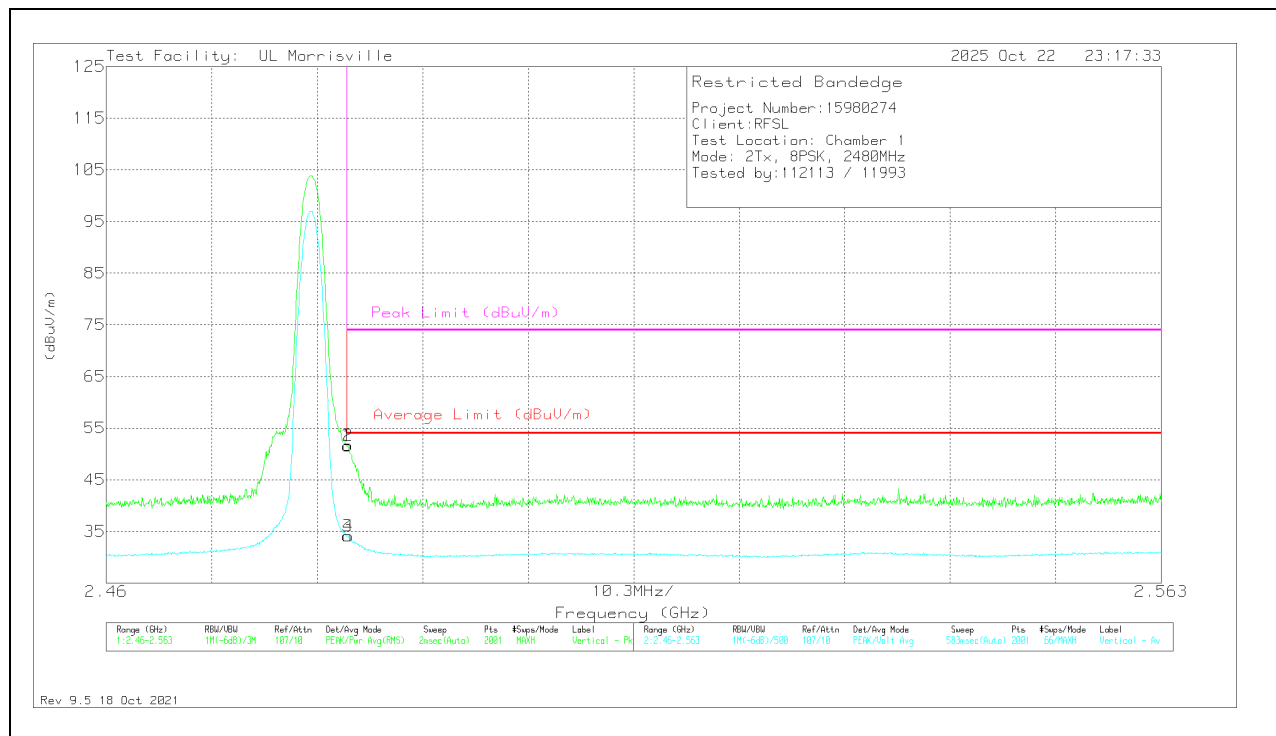
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	43.78	Pk	32.2	-24.4	51.58	-	-	74	-22.42	3	280	V
2	* ** 2.48359	43.86	Pk	32.2	-24.4	51.66	-	-	74	-22.34	3	280	V
3	* ** 2.48354	23.87	V1TV	32.2	-24.4	31.67	54	-22.33	-	-	3	280	V
4	* ** 2.48364	23.85	V1TV	32.2	-24.4	31.65	54	-22.35	-	-	3	280	V

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

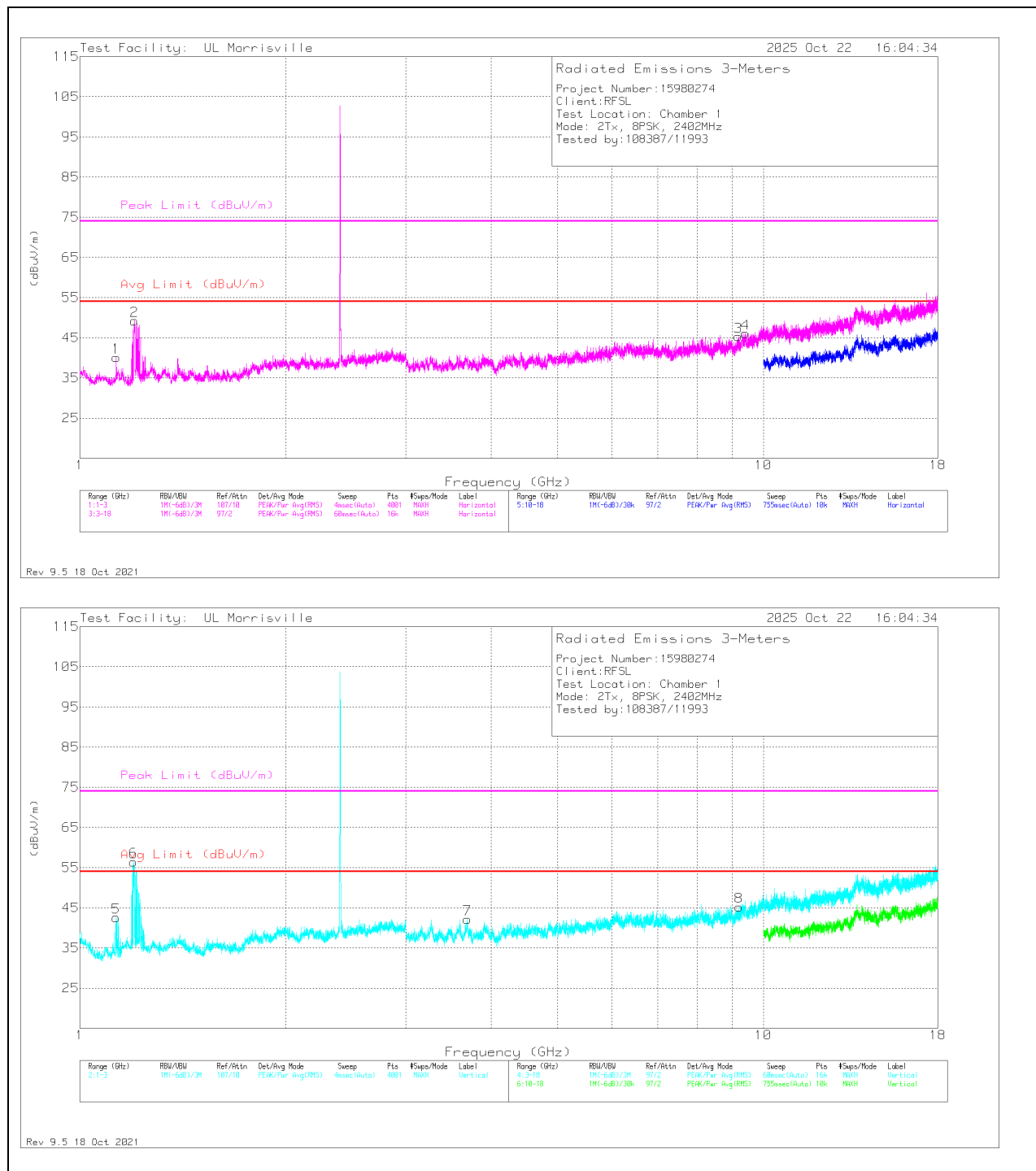
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	*** 1.1305	37.23	Pk	28.1	-25.2	40.13	54	-13.87	74	-33.87	0-360	101	H
2	*** 1.20077	50.36	PK2	28.7	-25.8	53.26	-	-	74	-20.74	300	163	H
	*** 1.20307	20.85	V1TV	28.7	-25.6	23.95	54	-30.05	-	-	300	163	H
5	*** 1.129	39.68	Pk	28.1	-25.2	42.58	54	-11.42	74	-31.42	0-360	200	V
6	*** 1.19633	51.49	PK2	28.7	-25.9	54.29	-	-	74	-19.71	312	264	V
	*** 1.19898	20.87	V1TV	28.7	-25.9	23.67	54	-30.33	-	-	312	264	V
3	*** 9.18938	50.61	Pk	36	-41.3	45.31	54	-8.69	74	-28.69	0-360	199	H
4	*** 9.41156	50.47	Pk	36.3	-40.7	46.07	54	-7.93	74	-27.93	0-360	101	H
7	*** 3.68906	53.63	Pk	33.2	-44.7	42.13	54	-11.87	74	-31.87	0-360	200	V
8	9.21188	50.44	Pk	36	-41.2	45.24	-	-	-	-	0-360	200	V

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

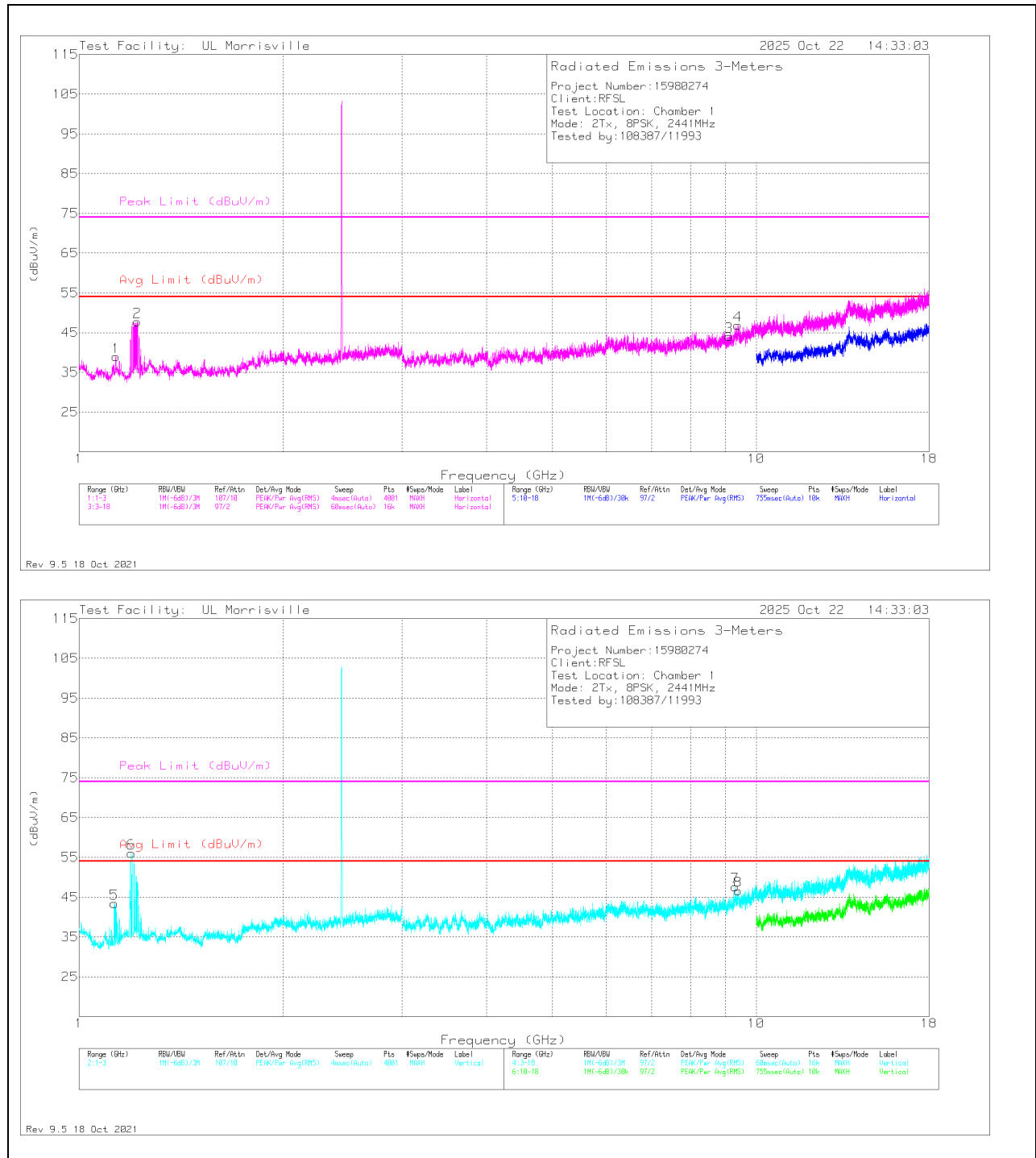
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 1.133	35.91	Pk	28.1	-25.1	38.91	54	-15.09	74	-35.09	0-360	101	H
2	* ** 1.218	43.98	Pk	28.9	-25.1	47.78	54	-6.22	74	-26.22	0-360	199	H
5	* ** 1.127	40.63	Pk	28.1	-25.3	43.43	54	-10.57	74	-30.57	0-360	200	V
6	* ** 1.19462	52.88	PK2	28.6	-25.9	55.58	-	-	74	-18.42	320	181	V
	* ** 1.19577	20.75	V1TV	28.7	-25.9	23.55	54	-30.45	-	-	320	181	V
3	* ** 9.11438	49.66	Pk	35.9	-41.5	44.06	54	-9.94	74	-29.94	0-360	199	H
4	* ** 9.3975	51.26	Pk	36.3	-40.7	46.86	54	-7.14	74	-27.14	0-360	101	H
7	* ** 9.3075	51.63	Pk	36.1	-40.1	47.63	54	-6.37	74	-26.37	0-360	101	V
8	* ** 9.40313	50.74	Pk	36.3	-40.4	46.64	54	-7.36	74	-27.36	0-360	200	V

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

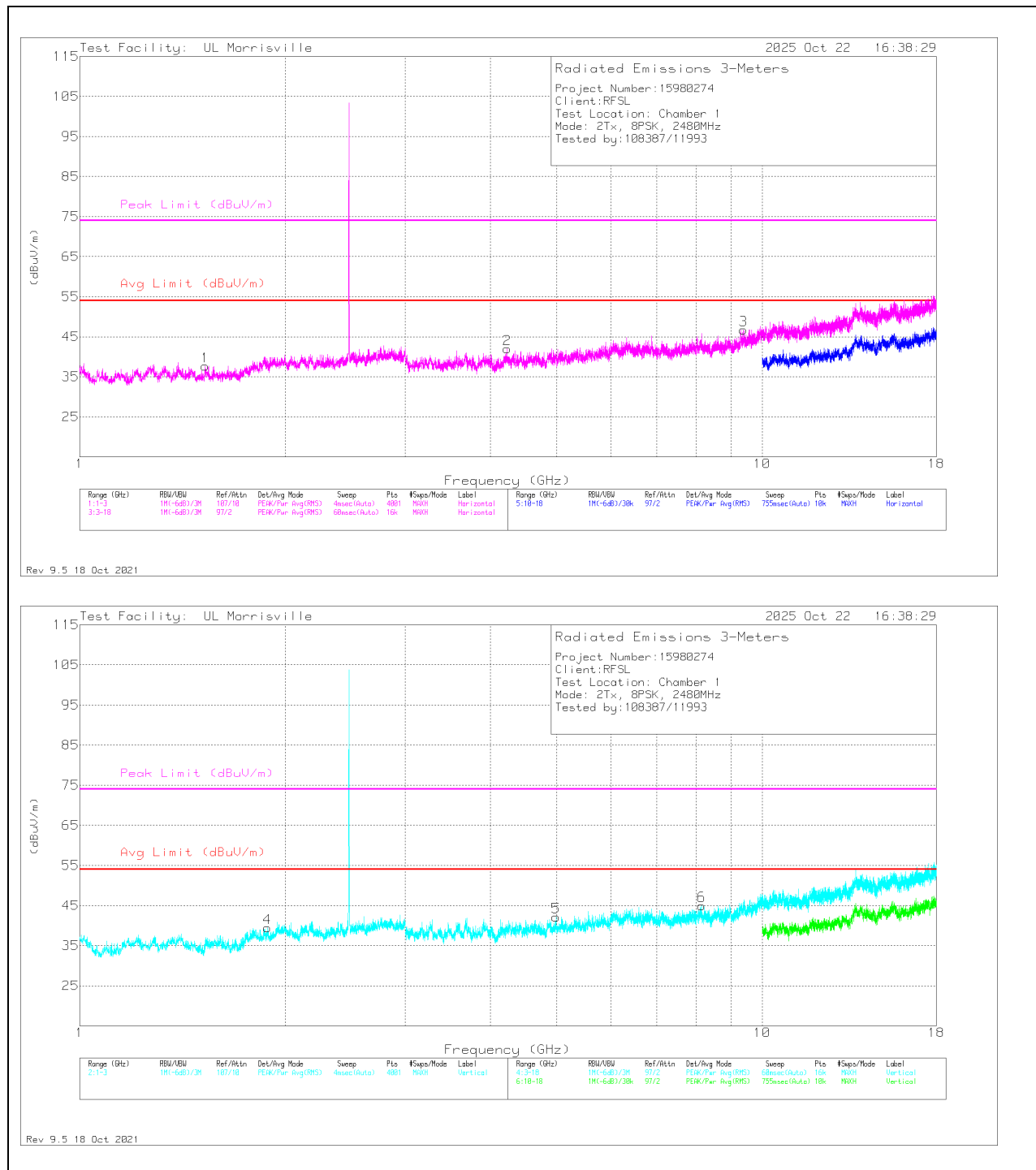
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 1.5265	33.66	Pk	28.1	-24.1	37.66	54	-16.34	74	-36.34	0-360	101	H
2	* ** 4.23188	53.99	Pk	33.6	-45.6	41.99	54	-12.01	74	-32.01	0-360	101	H
3	* ** 9.38813	51.92	Pk	36.2	-41.4	46.72	54	-7.28	74	-27.28	0-360	199	H
5	* ** 4.9875	52.96	Pk	34.2	-45	42.16	54	-11.84	74	-31.84	0-360	101	V
6	* ** 8.14781	50.26	Pk	35.9	-41.2	44.96	54	-9.04	74	-29.04	0-360	101	V
4	1.884	32.45	Pk	31.2	-24.2	39.45	-	-	-	-	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

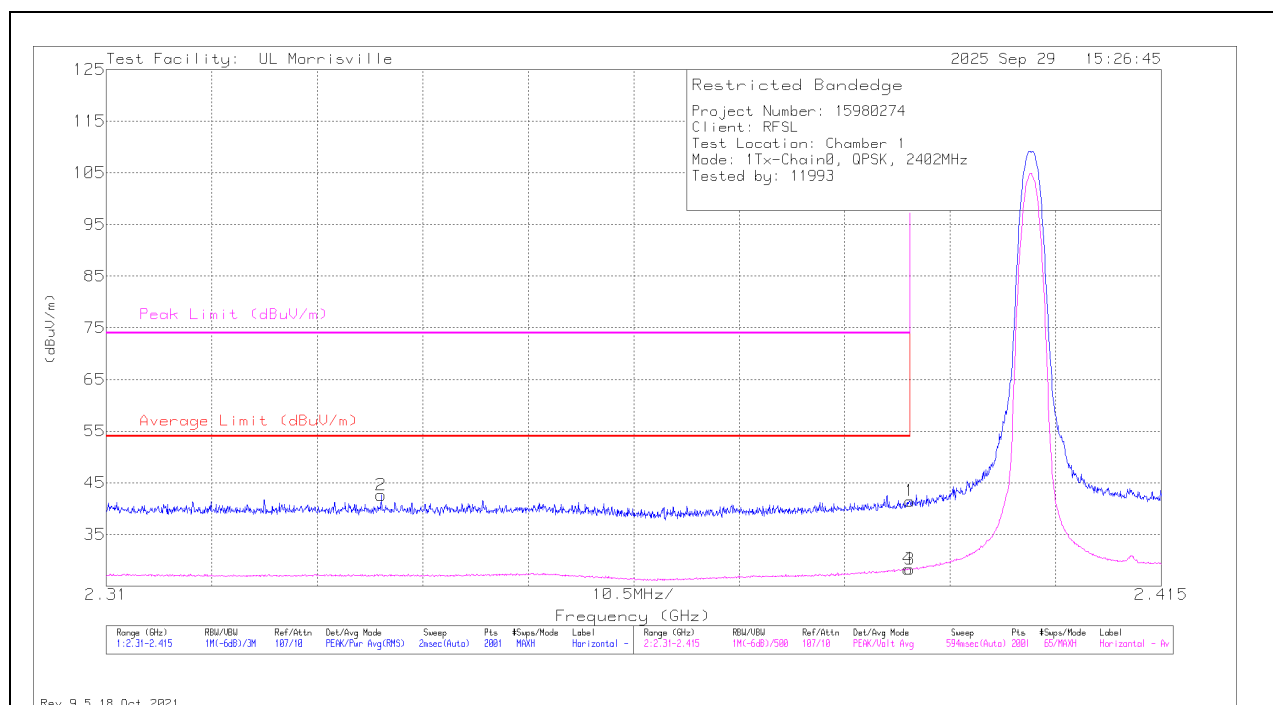
Pk - Peak detector

10.1.3. BLUETOOTH ENHANCED DATA RATE QPSK MODULATION

Antenna 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	34.68	Pk	31.9	-25.1	41.48	-	-	74	-32.52	121	117	H
2	* ** 2.33735	35.71	Pk	31.8	-24.9	42.61	-	-	74	-31.39	121	117	H
3	* ** 2.38996	21.46	V1TV	31.9	-25.1	28.26	54	-25.74	-	-	121	117	H
4	* ** 2.3898	21.51	V1TV	31.9	-25.1	28.31	54	-25.69	-	-	121	117	H

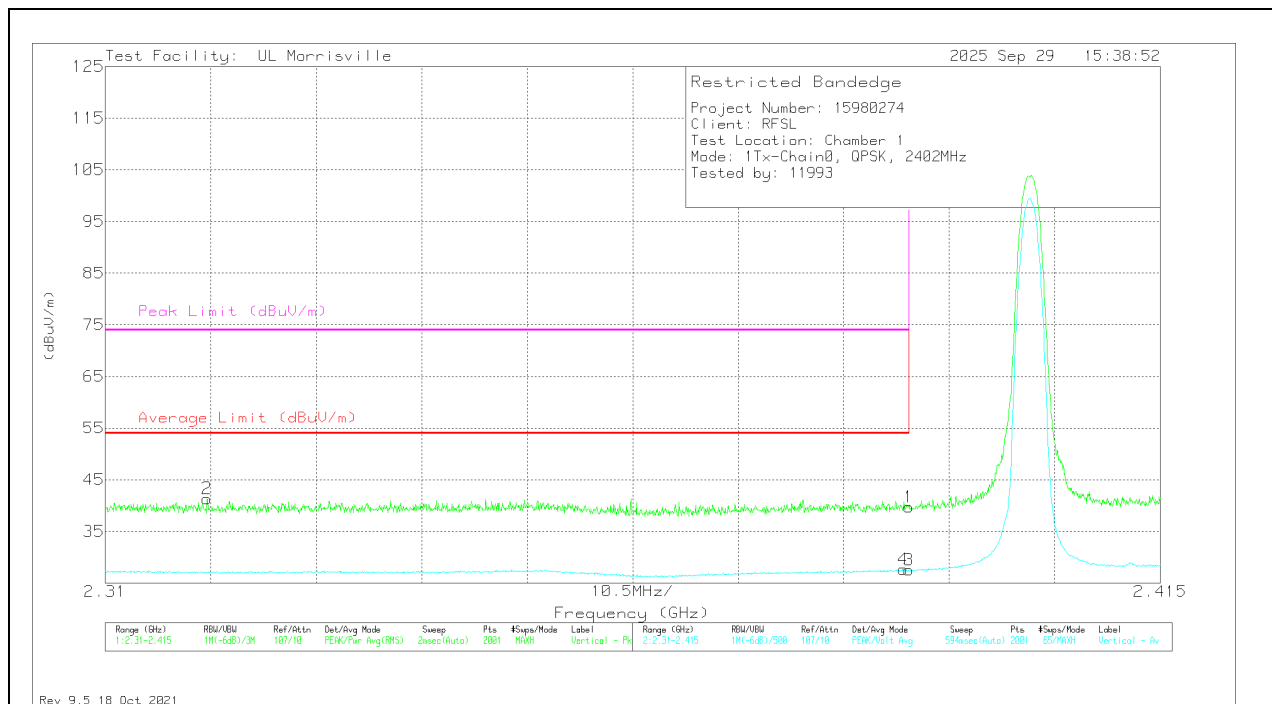
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	32.9	Pk	31.9	-25.1	39.7	-	-	74	-34.3	130	394	V
2	* ** 2.32013	34.52	Pk	31.7	-24.9	41.32	-	-	74	-32.68	130	394	V
3	* ** 2.38996	20.71	V1TV	31.9	-25.1	27.51	54	-26.49	-	-	130	394	V
4	* ** 2.38943	20.84	V1TV	31.9	-25.1	27.64	54	-26.36	-	-	130	394	V

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

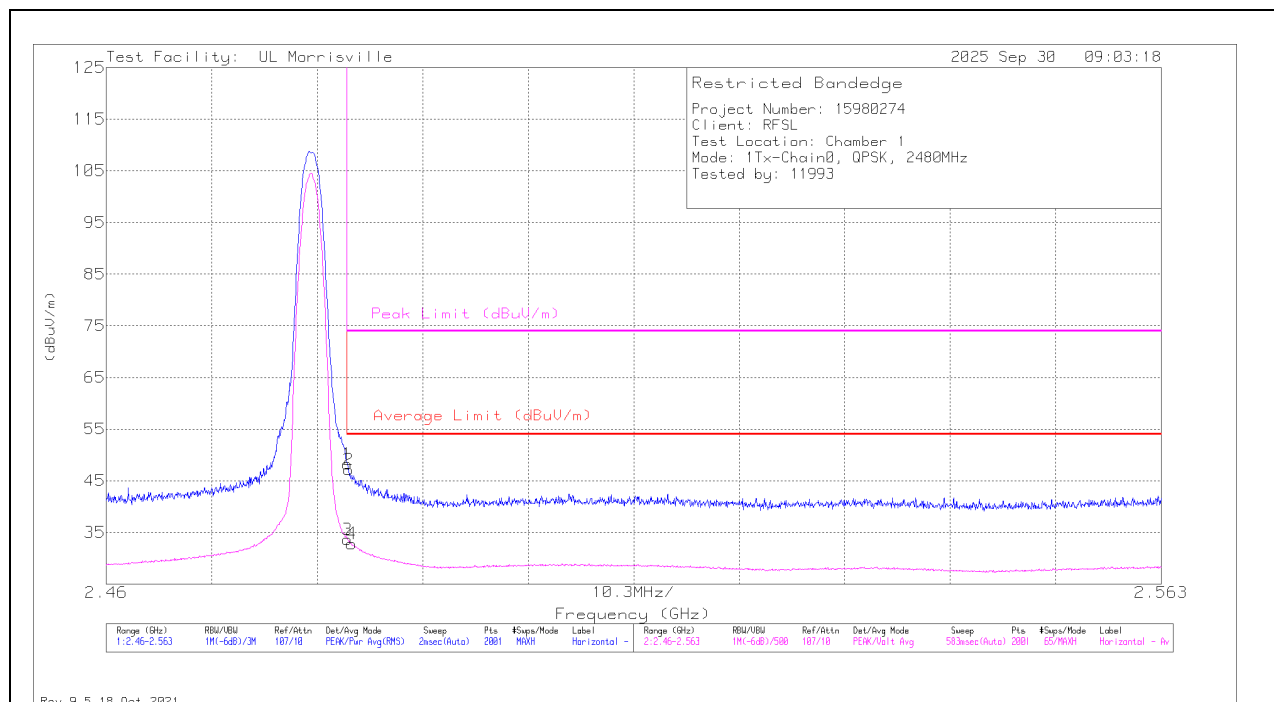
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	40.44	Pk	32.2	-24.4	48.24	-	-	74	-25.76	123	109	H
2	* ** 2.48369	39.33	Pk	32.2	-24.4	47.13	-	-	74	-26.87	123	109	H
3	* ** 2.48354	25.83	V1TV	32.2	-24.4	33.63	54	-20.37	-	-	123	109	H
4	* ** 2.48395	25.01	V1TV	32.2	-24.4	32.81	54	-21.19	-	-	123	109	H

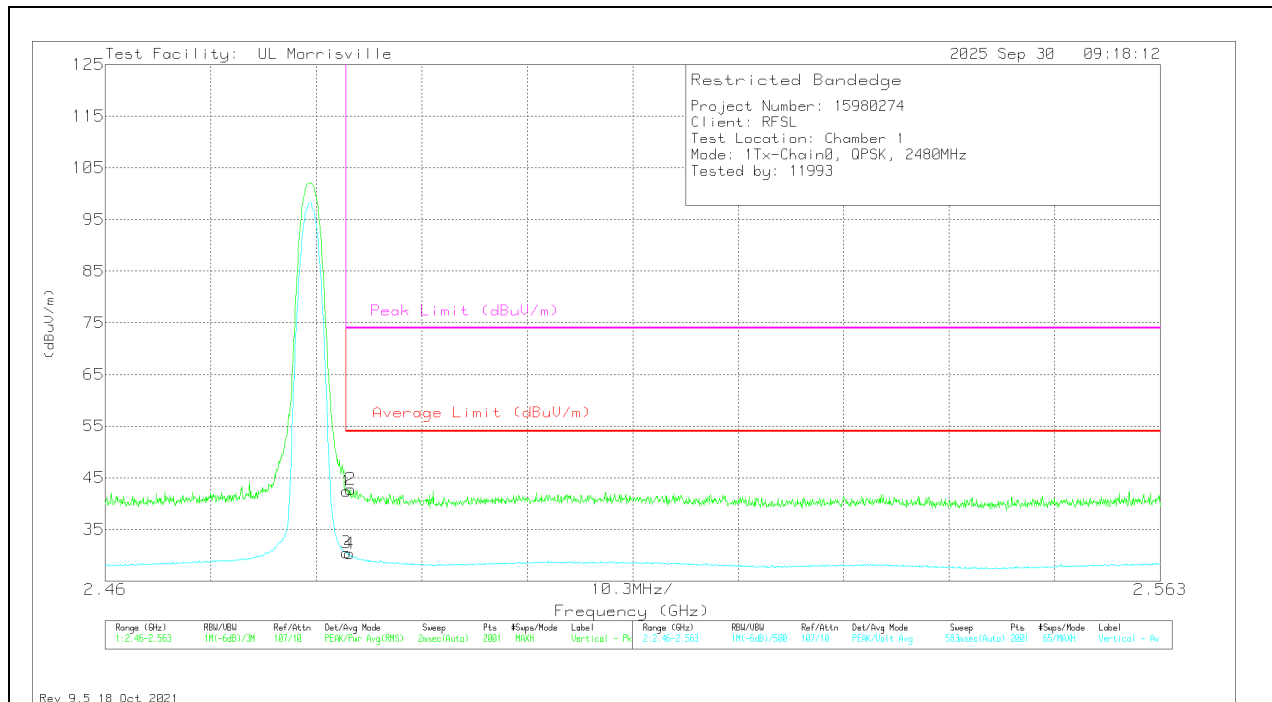
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	34.58	Pk	32.2	-24.4	42.38	-	-	74	-31.62	120	320	V
2	*** 2.48395	34.98	Pk	32.2	-24.4	42.78	-	-	74	-31.22	120	320	V
3	*** 2.48354	22.68	V1TV	32.2	-24.4	30.48	54	-23.52	-	-	120	320	V
4	*** 2.48384	22.53	V1TV	32.2	-24.4	30.33	54	-23.67	-	-	120	320	V

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

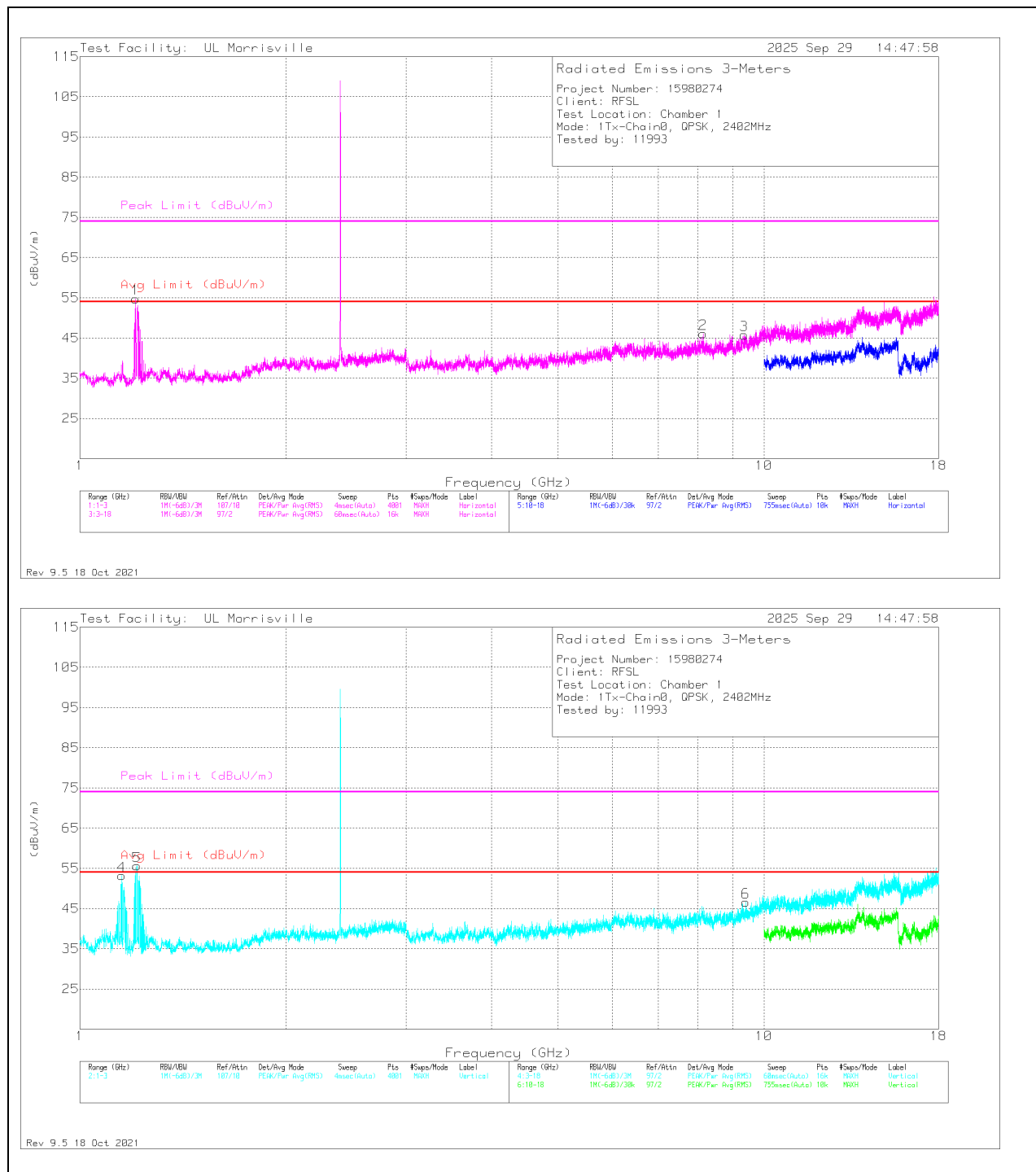
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	*** 1.20728	56.1	PK2	28.8	-25.3	59.6	-	-	74	-14.4	20	366	H
	*** 1.20755	21.49	V1TV	28.8	-25.3	24.99	54	-29.01	-	-	20	366	H
4	*** 1.15095	53.48	PK2	28.2	-25.6	56.08	-	-	74	-17.92	126	121	V
	*** 1.15111	21.88	V1TV	28.2	-25.6	24.48	54	-29.52	-	-	126	121	V
5	*** 1.21047	55.16	PK2	28.8	-25.2	58.76	-	-	74	-15.24	189	196	V
	*** 1.21071	21.7	V1TV	28.8	-25.2	25.3	54	-28.7	-	-	189	196	V
2	*** 8.14688	51.3	Pk	35.9	-41.1	46.1	54	-7.9	74	-27.9	0-360	200	H
3	*** 9.36188	50.98	Pk	36.2	-41.4	45.78	54	-8.22	74	-28.22	0-360	200	H
6	*** 9.40688	50.49	Pk	36.3	-40.2	46.59	54	-7.41	74	-27.41	0-360	200	V

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

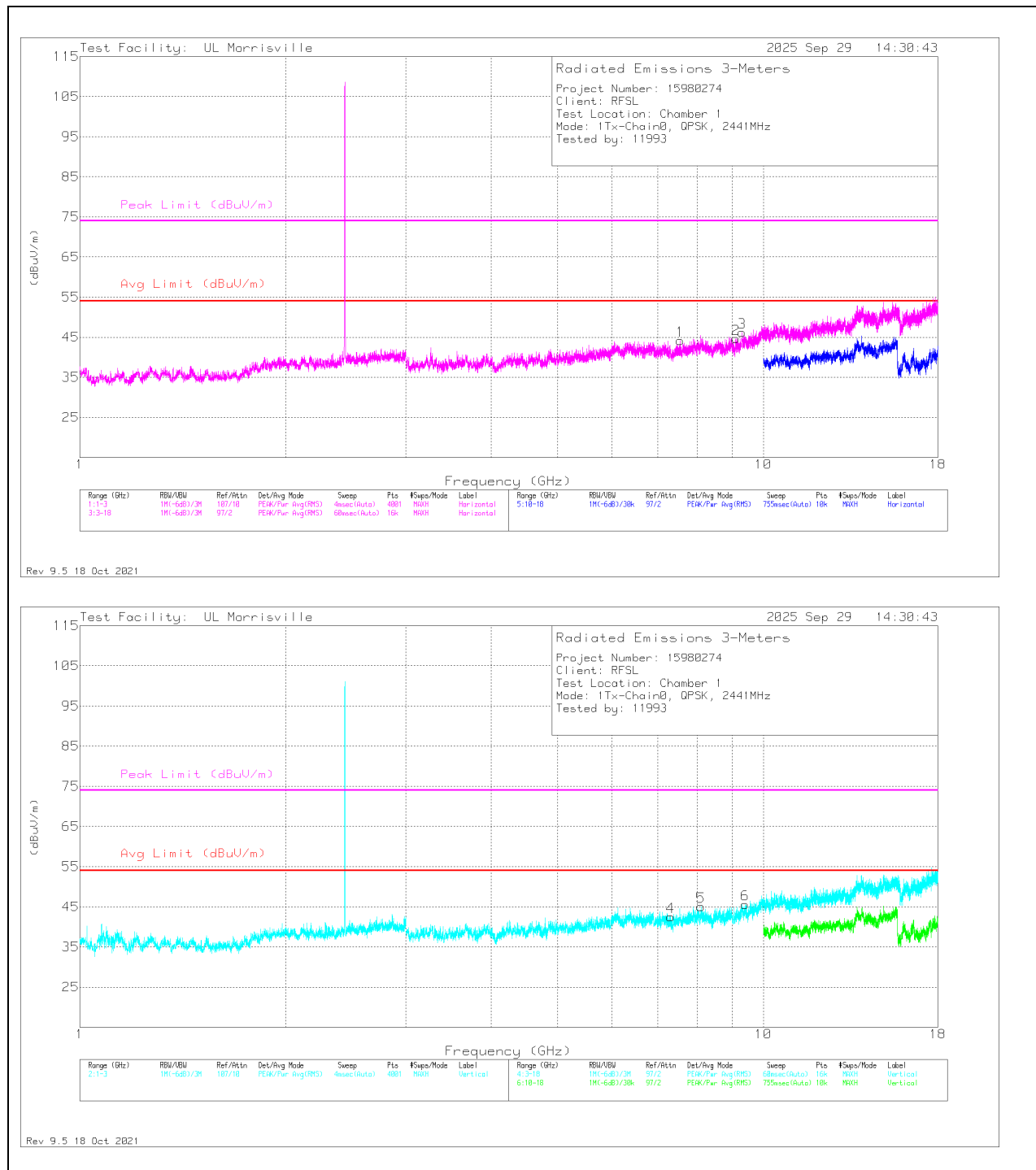
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

V1TV: VB=1/Ton, Linear Voltage Average where Detector = Peak and Ton is packet duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

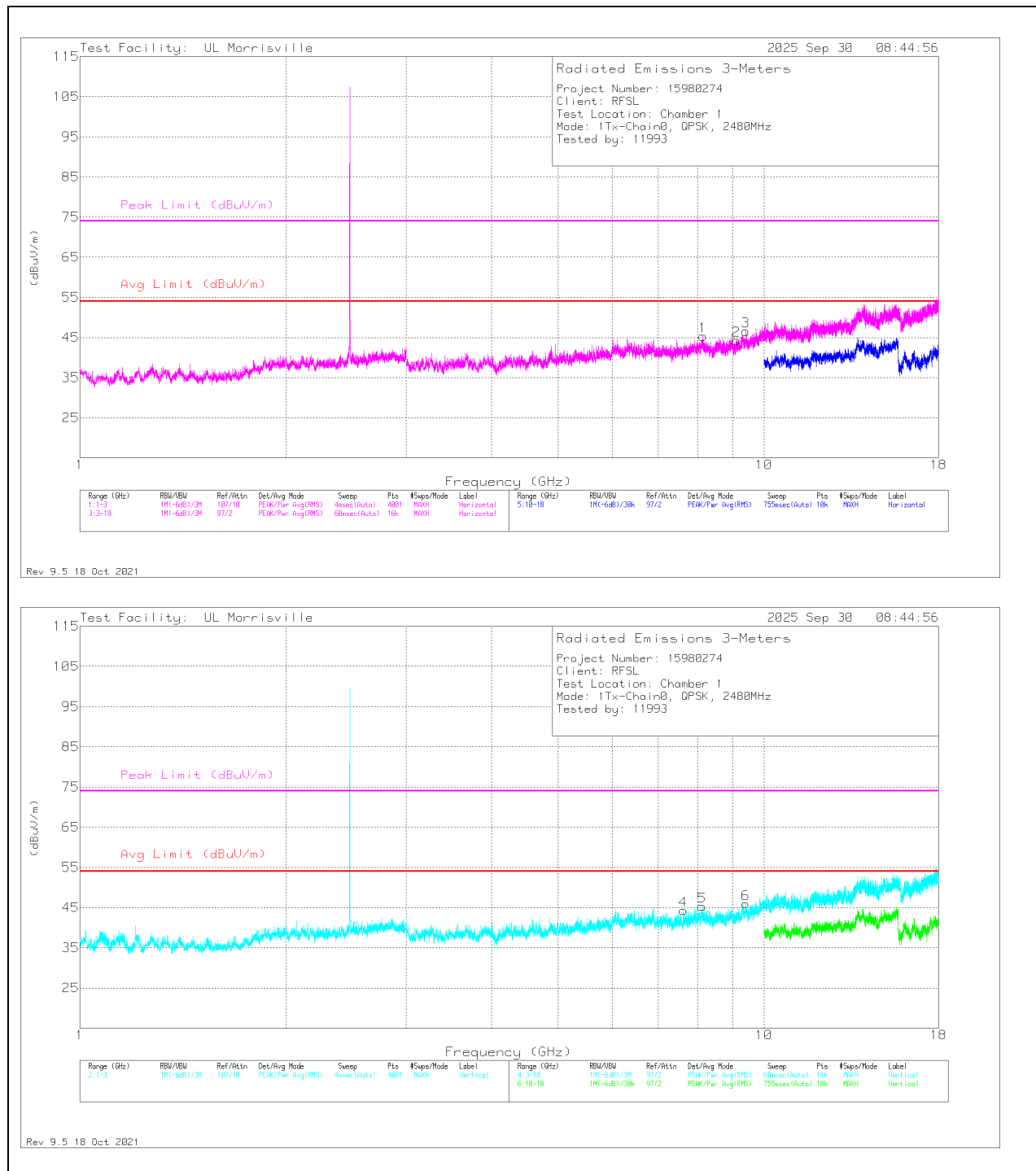
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 7.56	50.5	Pk	35.5	-41.8	44.2	54	-9.8	74	-29.8	0-360	200	H
2	* ** 9.12094	50.36	Pk	35.9	-41.6	44.66	54	-9.34	74	-29.34	0-360	101	H
3	* ** 9.30938	50.21	Pk	36.1	-40.1	46.21	54	-7.79	74	-27.79	0-360	101	H
4	* ** 7.31906	50.22	Pk	35.4	-43.1	42.52	54	-11.48	74	-31.48	0-360	101	V
5	* ** 8.10375	50.48	Pk	35.9	-41.3	45.08	54	-8.92	74	-28.92	0-360	200	V
6	* ** 9.40406	49.63	Pk	36.3	-40.3	45.63	54	-8.37	74	-28.37	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (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	* ** 8.14406	50.72	Pk	35.9	-41.3	45.32	54	-8.68	74	-28.68	0-360	101	H
2	* ** 9.10969	49.89	Pk	35.9	-41.5	44.29	54	-9.71	74	-29.71	0-360	101	H
3	* ** 9.405	50.55	Pk	36.3	-40.3	46.55	54	-7.45	74	-27.45	0-360	199	H
4	* ** 7.6275	50.36	Pk	35.6	-41.7	44.26	54	-9.74	74	-29.74	0-360	101	V
5	* ** 8.11688	51.09	Pk	35.9	-41.7	45.29	54	-8.71	74	-28.71	0-360	101	V
6	* ** 9.40406	49.95	Pk	36.3	-40.3	45.95	54	-8.05	74	-28.05	0-360	101	V

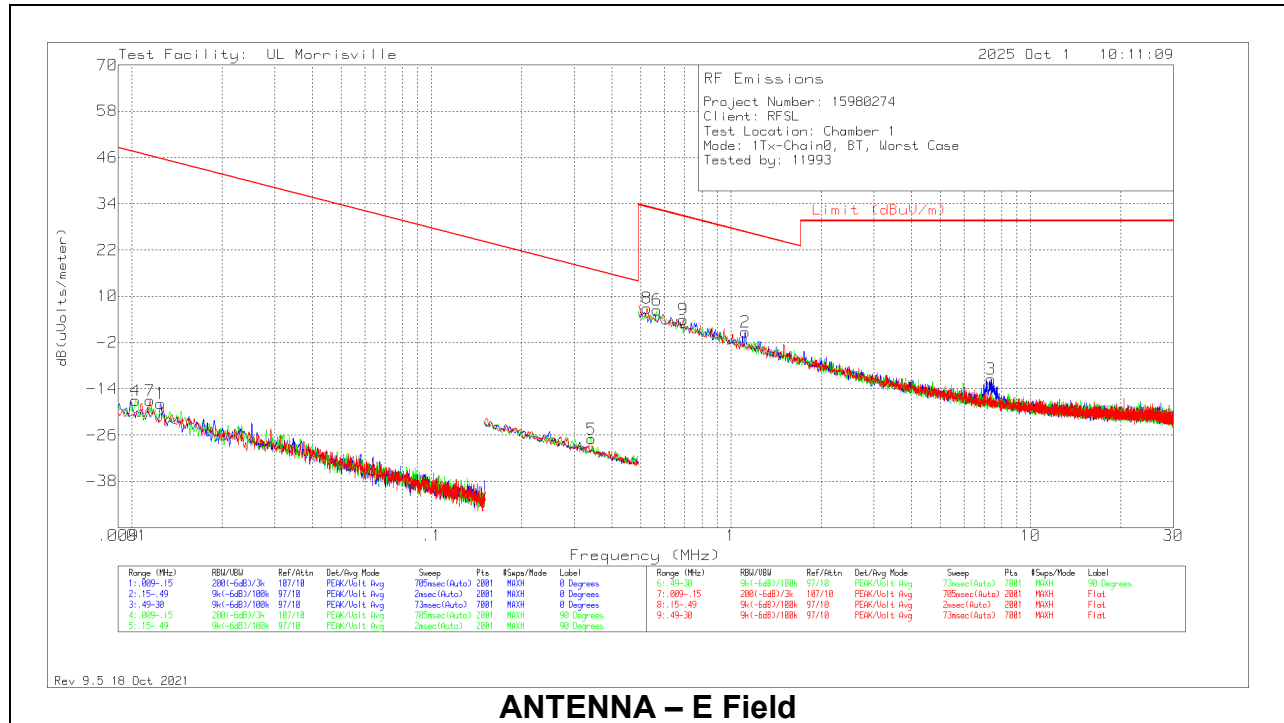
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.2. WORST CASE BELOW 30MHZ

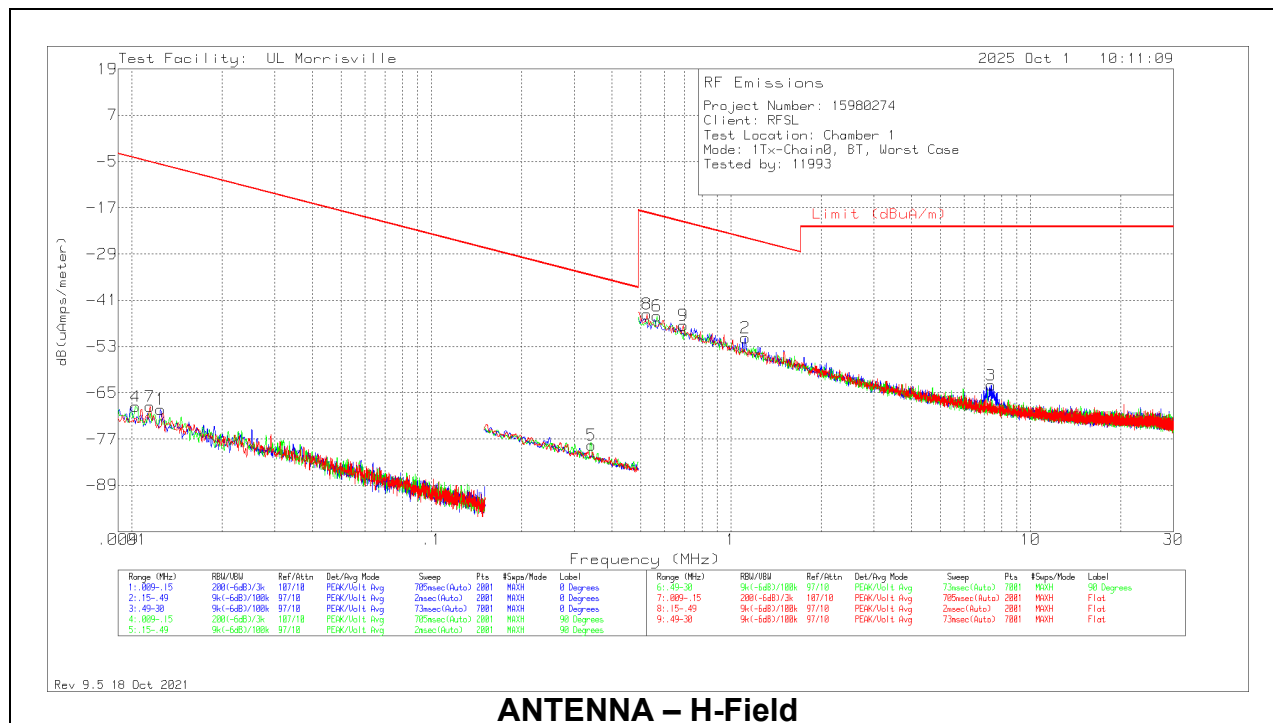
SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION) C0



Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.01028	44.01	Pk	18.8	.1	-80	-17.09	47.37	67.37	-64.46	0-360	90 degs
7	.01149	44.61	Pk	18.2	.1	-80	-17.09	46.4	66.4	-63.49	0-360	Flat
1	.01248	44.35	Pk	17.7	.1	-80	-17.85	45.68	65.68	-63.53	0-360	0 degs
5	.34227	41.97	Pk	10.9	.1	-80	-27.03	16.92	36.92	-43.95	0-360	90 degs
8	.52373	35.74	Pk	11	.1	-40	6.84	33.22	-	-26.38	0-360	Flat
6	.56589	35.26	Pk	11	.1	-40	6.36	32.55	-	-26.19	0-360	90 degs
9	.69237	32.82	Pk	11	.1	-40	3.92	30.8	-	-26.88	0-360	Flat
2	1.11818	29.48	Pk	11	.2	-40	.68	26.63	-	-25.95	0-360	0 degs
3	7.37894	17.35	Pk	10.7	.4	-40	-11.55	29.54	-	-41.09	0-360	0 degs

Pk - Peak detector



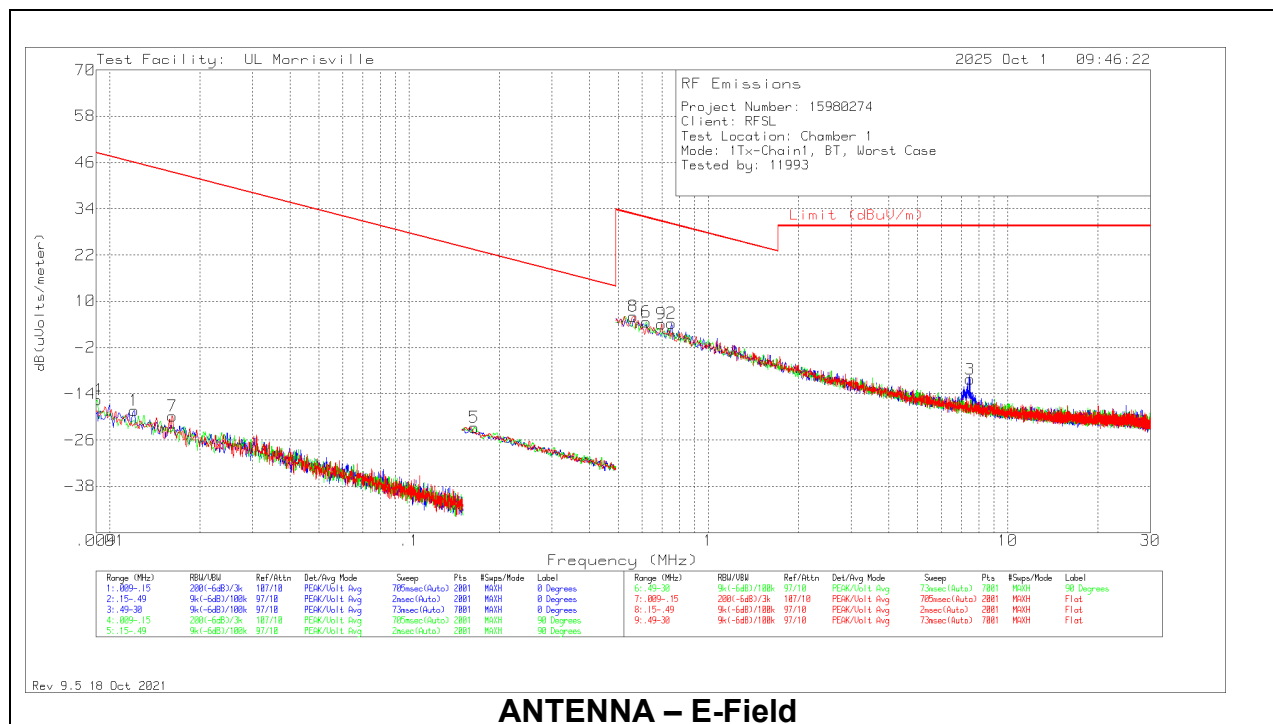
ANTENNA – H-Field

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.01028	44.01	Pk	-32.7	.1	-80	-68.59	-4.13	15.87	-64.46	0-360	90 degs
7	.01149	44.61	Pk	-33.3	.1	-80	-68.59	-5.1	14.9	-63.49	0-360	Flat
1	.01248	44.35	Pk	-33.8	.1	-80	-69.35	-5.82	14.18	-63.53	0-360	0 degs
5	.34227	41.97	Pk	-40.6	.1	-80	-78.53	-34.58	-14.58	-43.95	0-360	90 degs
8	.52373	35.74	Pk	-40.5	.1	-40	-44.66	-18.28	-	-26.38	0-360	Flat
6	.56589	35.26	Pk	-40.5	.1	-40	-45.14	-18.95	-	-26.19	0-360	90 degs
9	.69237	32.82	Pk	-40.5	.1	-40	-47.58	-20.7	-	-26.88	0-360	Flat
2	1.11818	29.48	Pk	-40.5	.2	-40	-50.82	-24.87	-	-25.95	0-360	0 degs
3	7.37894	17.35	Pk	-40.8	.4	-40	-63.05	-21.96	-	-41.09	0-360	0 degs

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION) C1

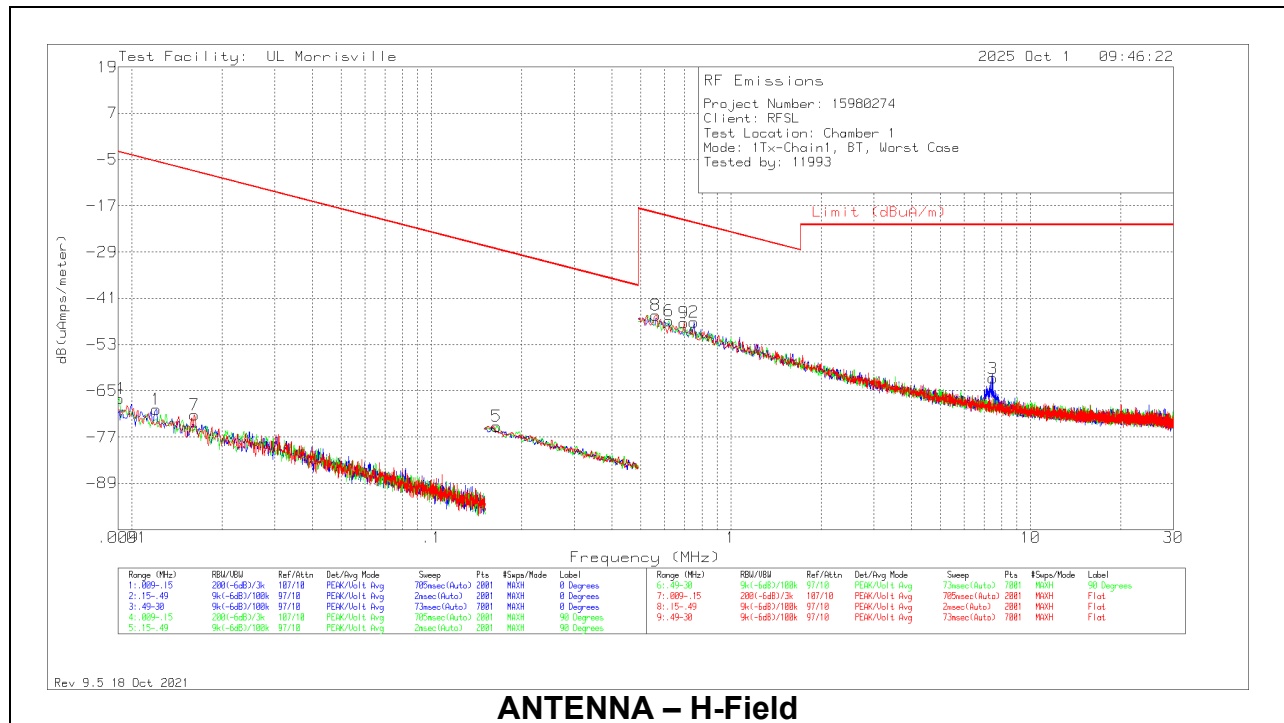


ANTENNA – E-Field

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00907	44.76	Pk	19.6	.1	-80	-15.54	48.45	68.45	-63.99	0-360	90 degs
1	.01205	43.74	Pk	17.9	.1	-80	-18.26	45.98	65.98	-64.24	0-360	0 degs
7	.01617	44.24	Pk	15.9	.1	-80	-19.76	43.43	63.43	-63.19	0-360	Flat
5	.1653	46.14	Pk	11	.1	-80	-22.76	23.24	43.24	-46	0-360	90 degs
8	.56167	35.03	Pk	11	.1	-40	6.13	32.61	-	-26.48	0-360	Flat
6	.6207	33.52	Pk	11	.1	-40	4.62	31.75	-	-27.13	0-360	90 degs
9	.69658	33.08	Pk	11	.1	-40	4.18	30.74	-	-26.56	0-360	Flat
2	.75139	33.18	Pk	11	.1	-40	4.28	30.09	-	-25.81	0-360	0 degs
3	7.49278	18.64	Pk	10.7	.4	-40	-10.26	29.54	-	-39.8	0-360	0 degs

Pk - Peak detector

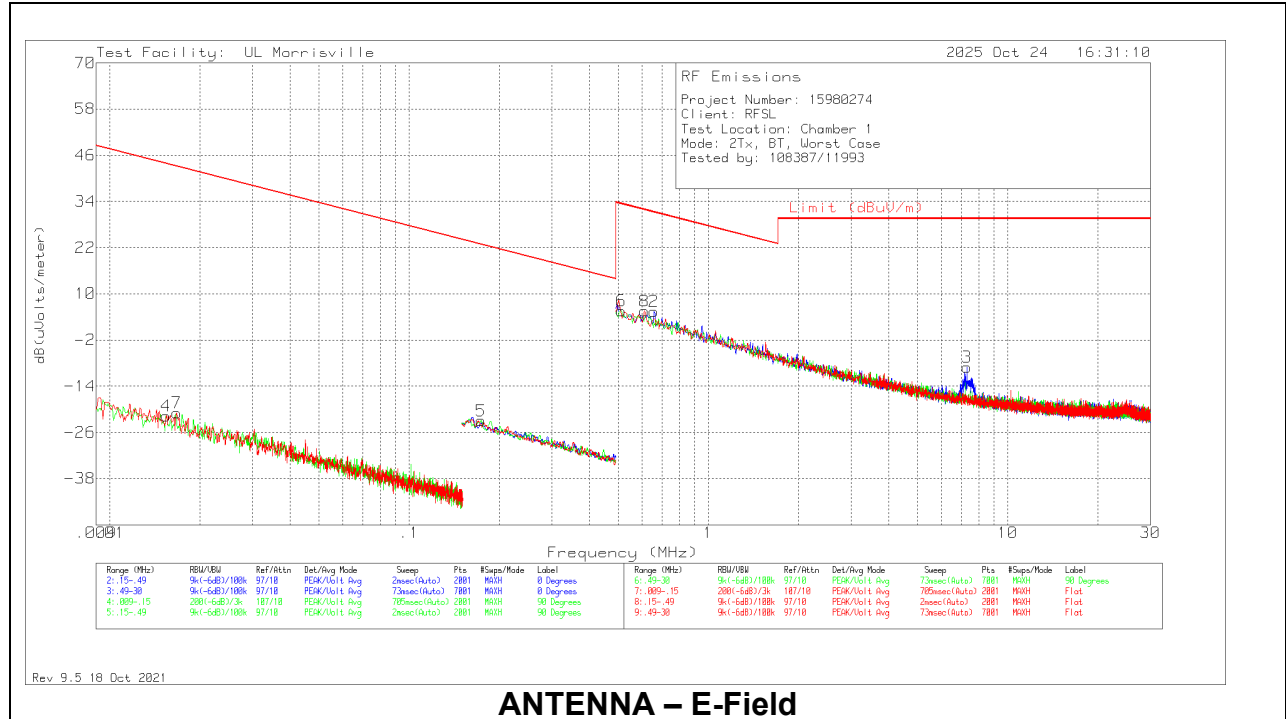


Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00907	44.76	Pk	-31.9	.1	-80	-67.04	-3.05	16.95	-63.99	0-360	90 degs
1	.01205	43.74	Pk	-33.6	.1	-80	-69.76	-5.52	14.48	-64.24	0-360	0 degs
7	.01617	44.24	Pk	-35.6	.1	-80	-71.26	-8.07	11.93	-63.19	0-360	Flat
5	.1653	46.14	Pk	-40.5	.1	-80	-74.26	-28.26	-8.26	-46	0-360	90 degs
8	.56167	35.03	Pk	-40.5	.1	-40	-45.37	-18.89	-	-26.48	0-360	Flat
6	.6207	33.52	Pk	-40.5	.1	-40	-46.88	-19.75	-	-27.13	0-360	90 degs
9	.69658	33.08	Pk	-40.5	.1	-40	-47.32	-20.76	-	-26.56	0-360	Flat
2	.75139	33.18	Pk	-40.5	.1	-40	-47.22	-21.41	-	-25.81	0-360	0 degs
3	7.49278	18.64	Pk	-40.8	.4	-40	-61.76	-21.96	-	-39.8	0-360	0 degs

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION) MIMO

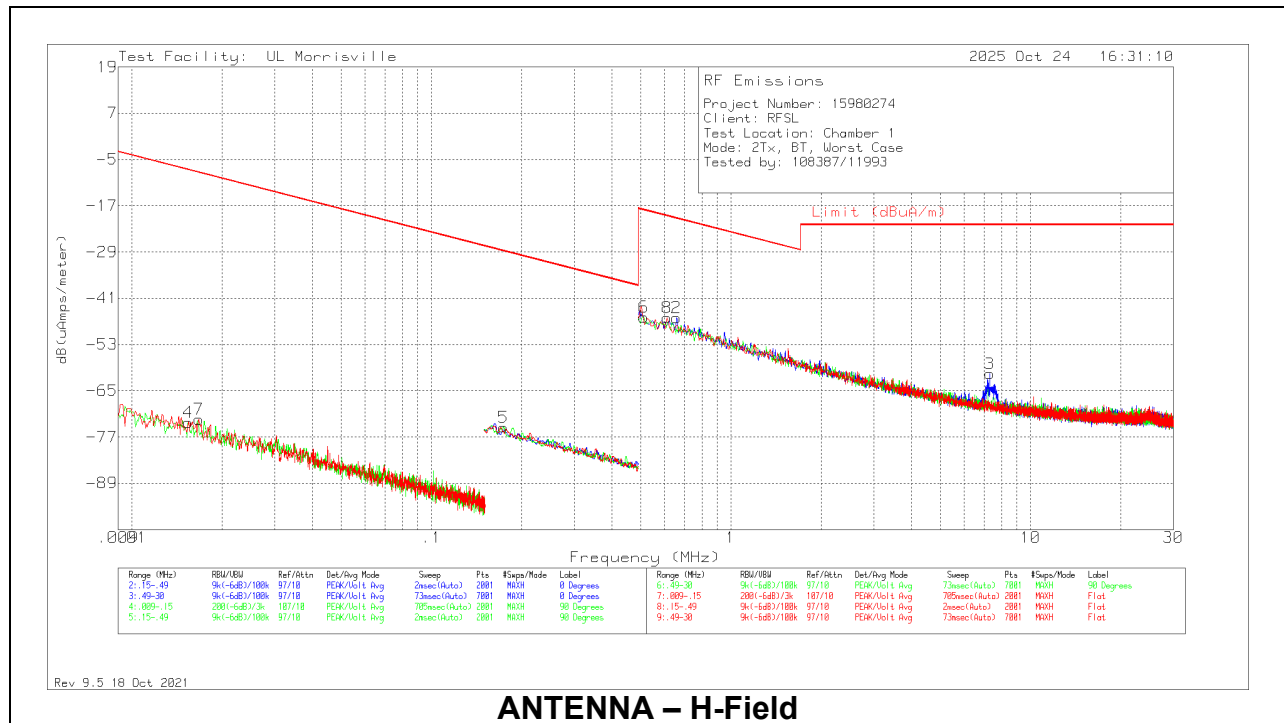


ANTENNA – E-Field

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.01191	42.98	Pk	18	.1	-80	-18.92	46.09	66.09	-65.01	0-360	0 degs
4	.01539	41.83	Pk	16.3	.1	-80	-21.77	43.86	63.86	-65.63	0-360	90 degs
7	.01674	43.4	Pk	15.6	.1	-80	-20.9	43.13	63.13	-64.03	0-360	Flat
5	.17397	45.94	Pk	11	.1	-80	-22.96	22.79	42.79	-45.75	0-360	90 degs
6	.51108	34.44	Pk	11	.1	-40	5.54	33.43	-	-27.89	0-360	90 degs
8	.61226	34.41	Pk	11	.1	-40	5.51	31.87	-	-26.36	0-360	Flat
2	.65864	34.34	Pk	11	.1	-40	5.44	31.23	-	-25.79	0-360	0 degs
3	7.30306	19.79	Pk	10.7	.4	-40	-9.11	29.54	-	-38.65	0-360	0 degs

Pk - Peak detector



ANTENNA – H-Field

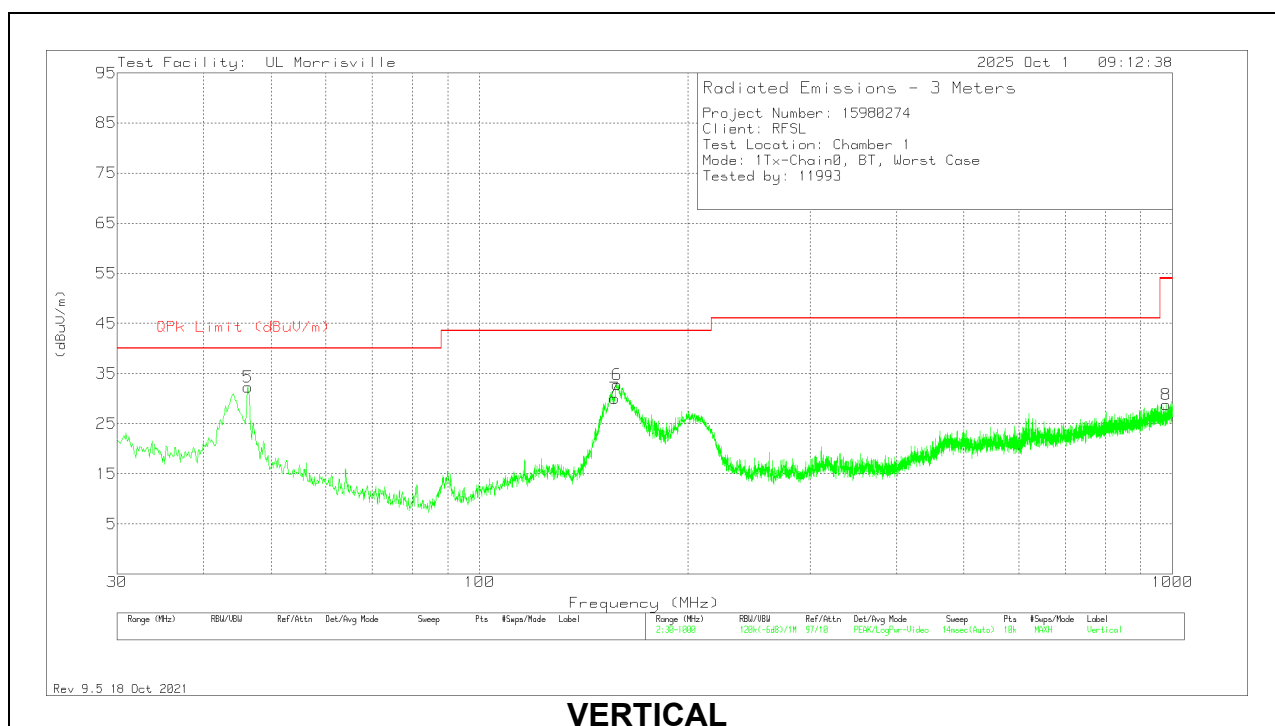
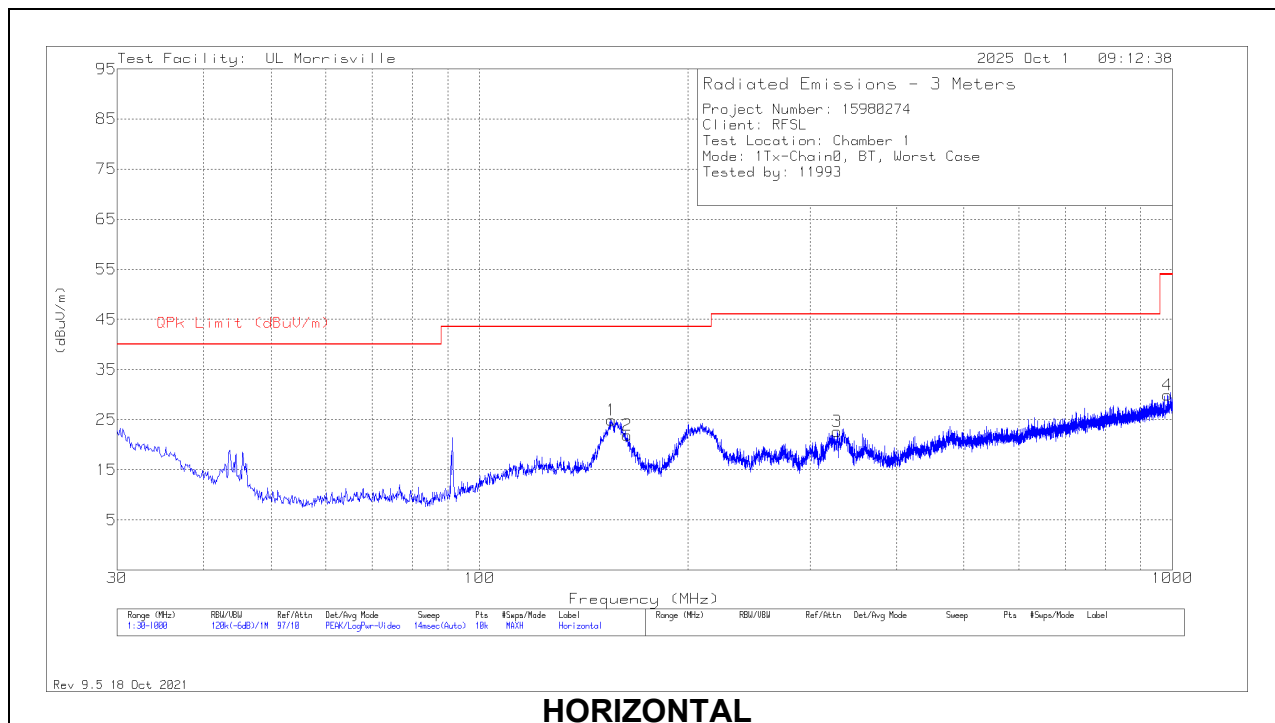
Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.01191	42.98	Pk	-33.5	.1	-80	-70.42	-5.41	14.59	-65.01	0-360	0 degs
4	.01539	41.83	Pk	-35.2	.1	-80	-73.27	-7.64	12.36	-65.63	0-360	90 degs
7	.01674	43.4	Pk	-35.9	.1	-80	-72.4	-8.37	11.63	-64.03	0-360	Flat
5	.17397	45.94	Pk	-40.5	.1	-80	-74.46	-28.71	-8.71	-45.75	0-360	90 degs
6	.51108	34.44	Pk	-40.5	.1	-40	-45.96	-18.07	-	-27.89	0-360	90 degs
8	.61226	34.41	Pk	-40.5	.1	-40	-45.99	-19.63	-	-26.36	0-360	Flat
2	.65864	34.34	Pk	-40.5	.1	-40	-46.06	-20.27	-	-25.79	0-360	0 degs
3	7.30306	19.79	Pk	-40.8	.4	-40	-60.61	-21.96	-	-38.65	0-360	0 degs

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHZ

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION) C0



Below 1GHz Data

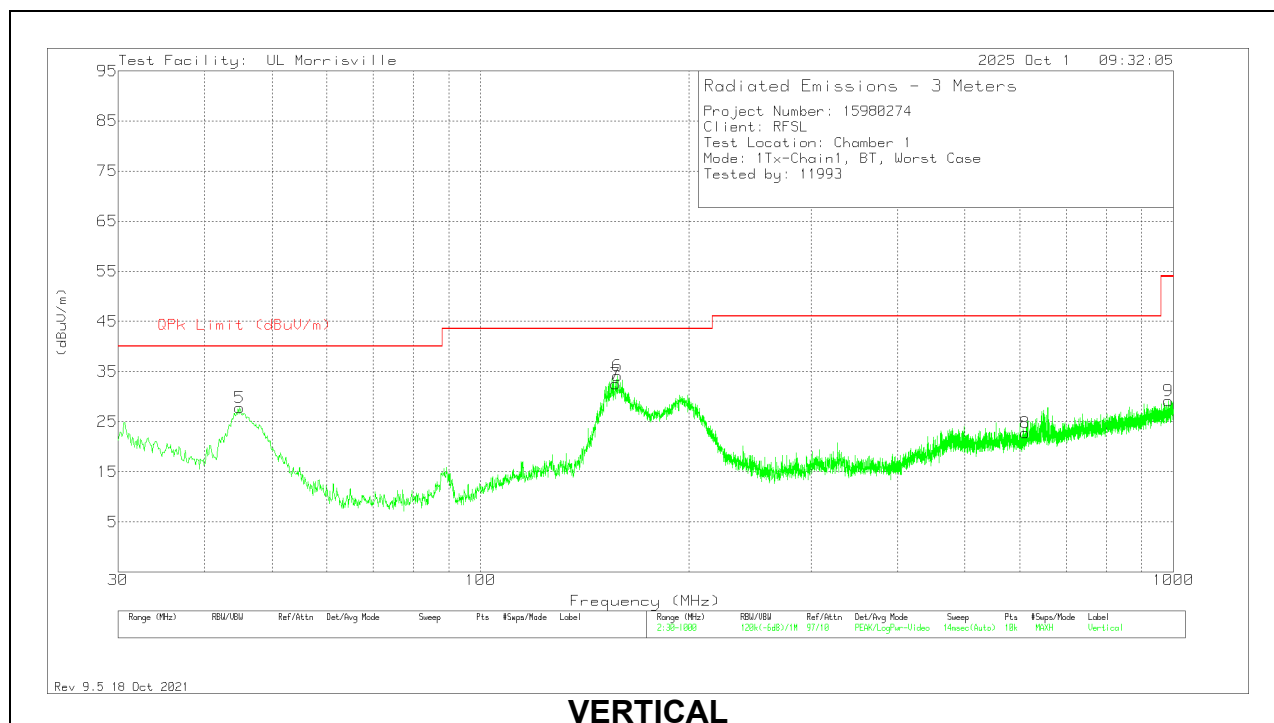
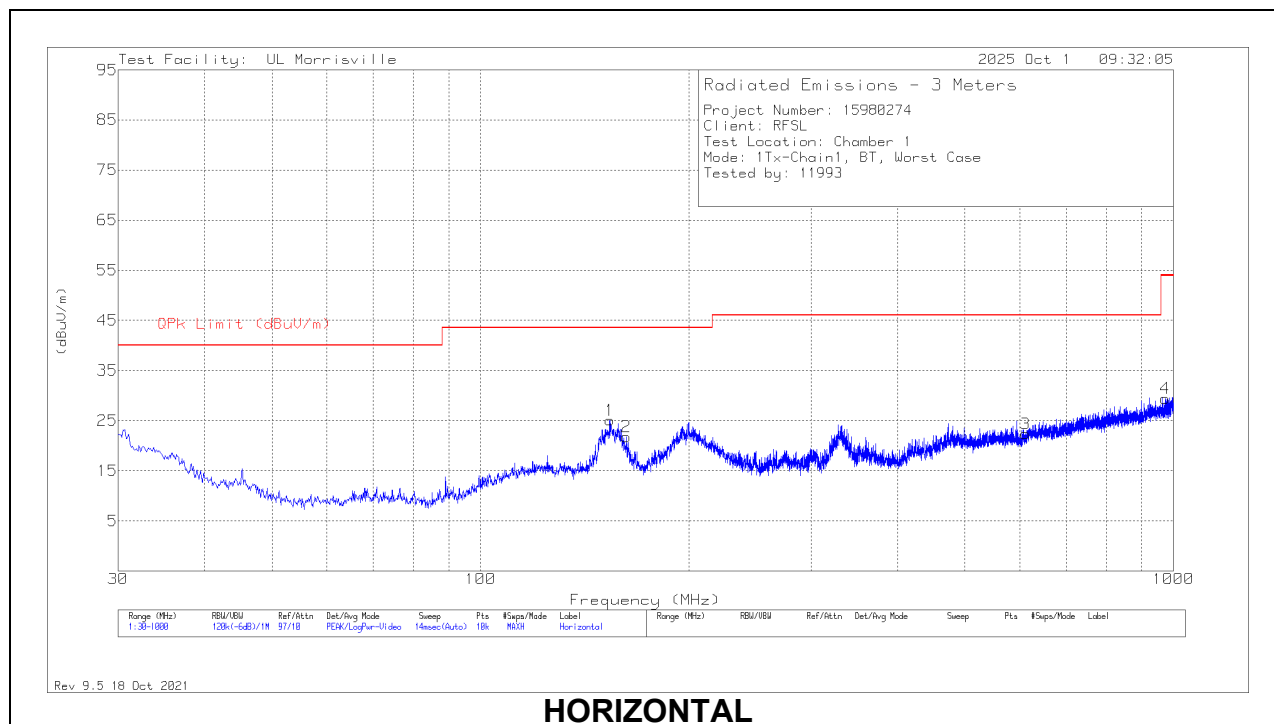
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 163.278	33.3	Pk	18.5	-29.9	21.9	43.52	-21.62	0-360	200	H
3	* ** 328.469	31.02	Pk	20	-28.4	22.62	46.02	-23.4	0-360	100	H
4	* ** 982.637	26.13	Pk	29.2	-25.4	29.93	53.97	-24.04	0-360	399	H
7	* ** 156.779	42.26	Pk	18.4	-30.6	30.06	43.52	-13.46	0-360	100	V
8	* ** 979.145	25.05	Pk	29.1	-25.4	28.75	53.97	-25.22	0-360	100	V
5	46.296	48.04	Pk	15.6	-31.3	32.34	-	-	0-360	100	V
1	154.936	36.81	Pk	18.5	-30.4	24.91	-	-	0-360	200	H
6	157.943	44.09	Pk	18.4	-29.7	32.79	-	-	0-360	100	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION) C1



Below 1GHz Data

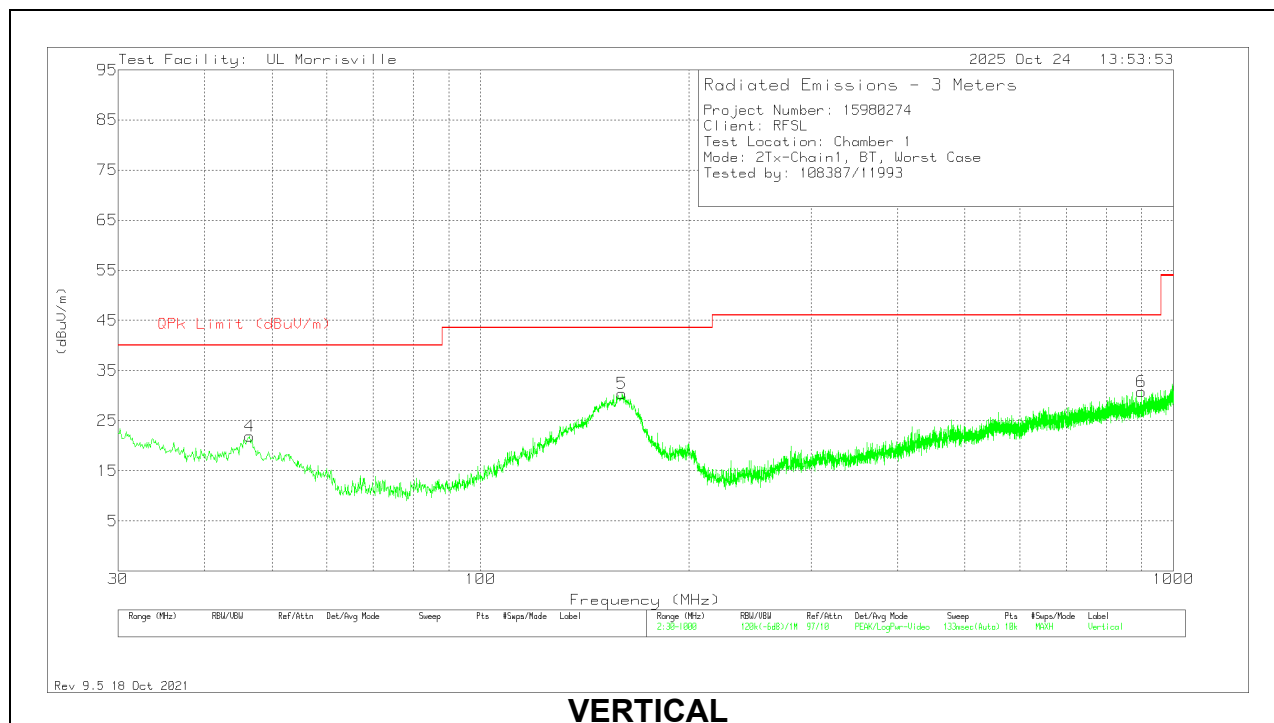
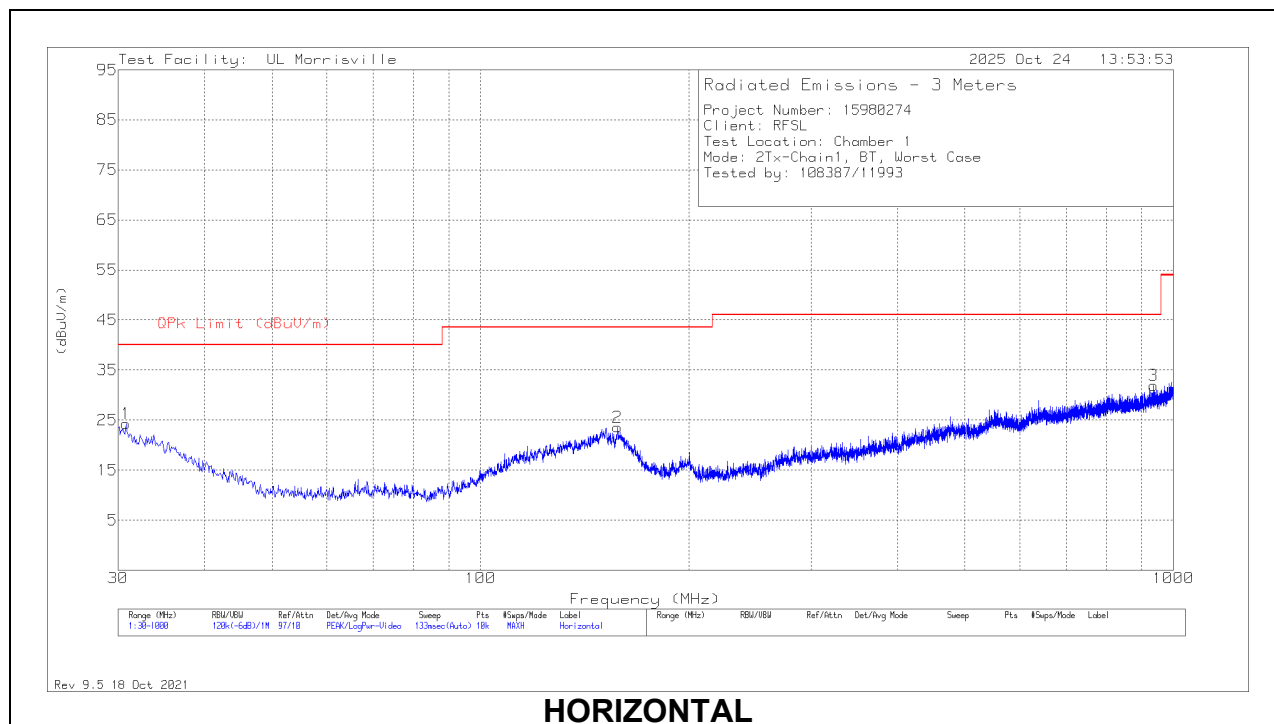
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 162.405	33.74	Pk	18.5	-30.5	21.74	43.52	-21.78	0-360	200	H
3	* ** 611.321	25.95	Pk	25	-28.6	22.35	46.02	-23.67	0-360	399	H
4	* ** 972.452	26.06	Pk	29	-25.6	29.46	53.97	-24.51	0-360	399	H
7	* ** 156.779	44.76	Pk	18.4	-30.6	32.56	43.52	-10.96	0-360	100	V
8	* ** 611.03	26.33	Pk	25	-28.5	22.83	46.02	-23.19	0-360	100	V
9	* ** 982.831	25.07	Pk	29.3	-25.2	29.17	53.97	-24.8	0-360	100	V
5	44.938	43.34	Pk	16.1	-31.7	27.74	-	-	0-360	100	V
1	153.675	36.69	Pk	18.7	-30.3	25.09	-	-	0-360	200	H
6	157.749	45.48	Pk	18.4	-29.7	34.18	-	-	0-360	100	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION) MIMO



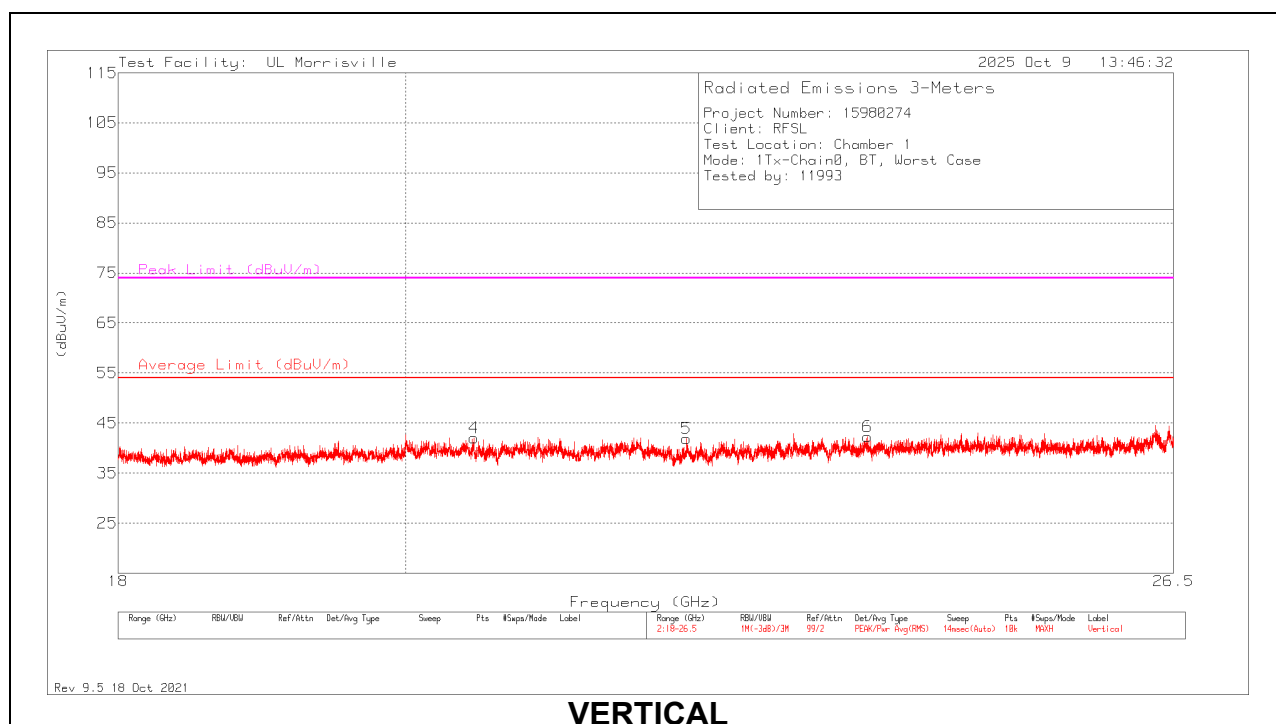
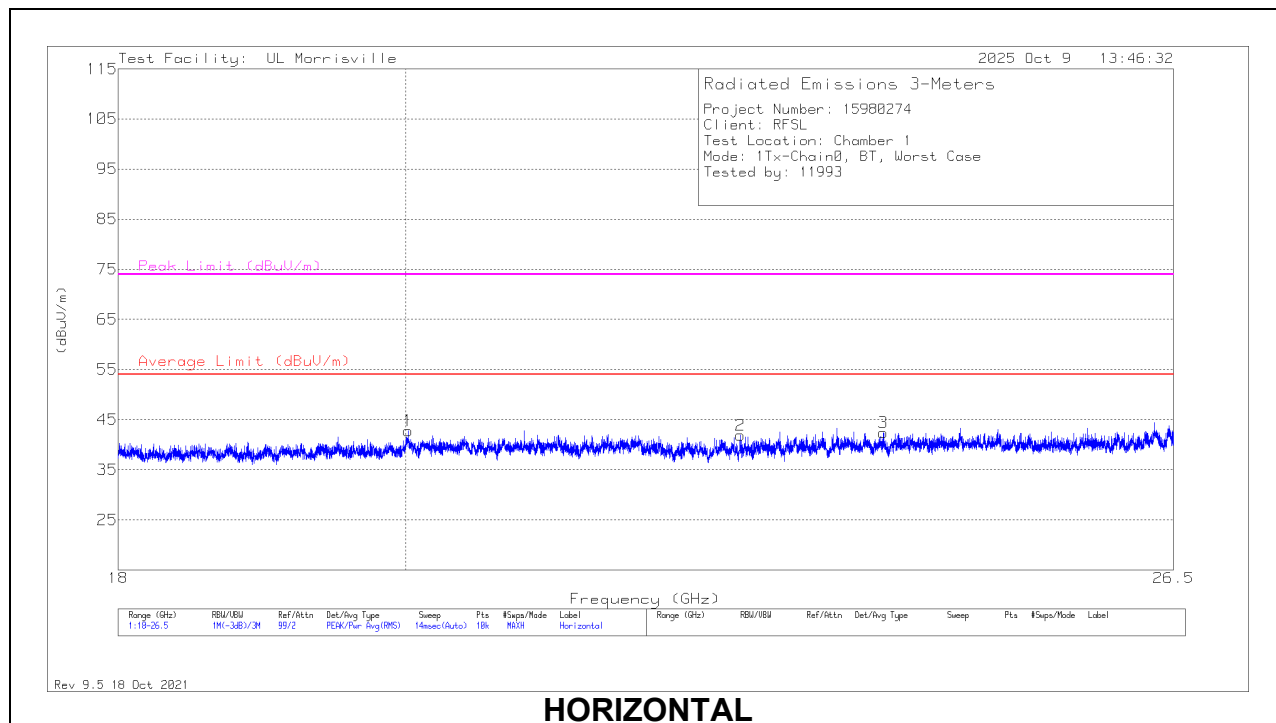
Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.776	29.34	Pk	26.3	-31.4	24.24	40	-15.76	0-360	400	H
4	46.393	37.7	Pk	15.5	-31.3	21.9	40	-18.1	0-360	100	V
2	157.749	34.89	Pk	18.4	-29.7	23.59	43.52	-19.93	0-360	200	H
5	160.077	41.99	Pk	18.6	-30.2	30.39	43.52	-13.13	0-360	100	V
6	899.702	29.24	Pk	28.3	-26.7	30.84	46.02	-15.18	0-360	100	V
3	936.368	29.25	Pk	28.8	-26.1	31.95	46.02	-14.07	0-360	299	H

Pk - Peak detector

10.4. WORST CASE 18-26 GHZ

SPURIOUS EMISSIONS 18-26 GHZ (WORST-CASE CONFIGURATION) C0



18 – 26GHz Data

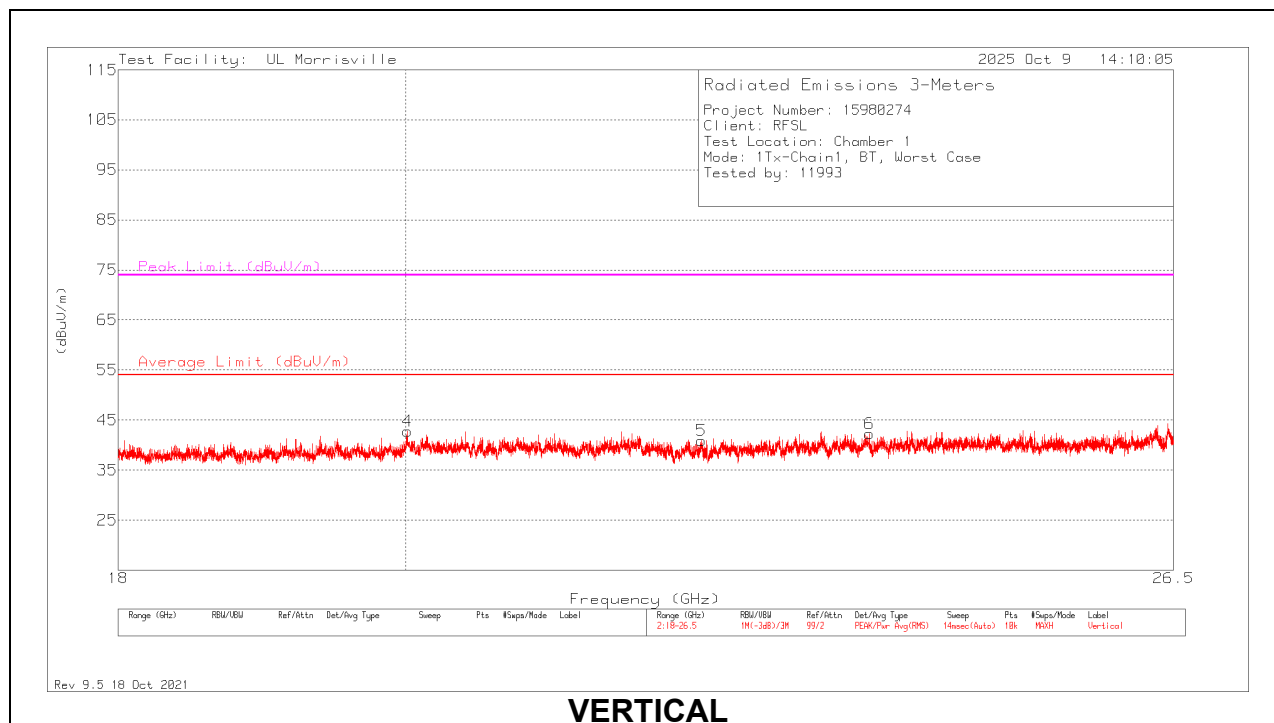
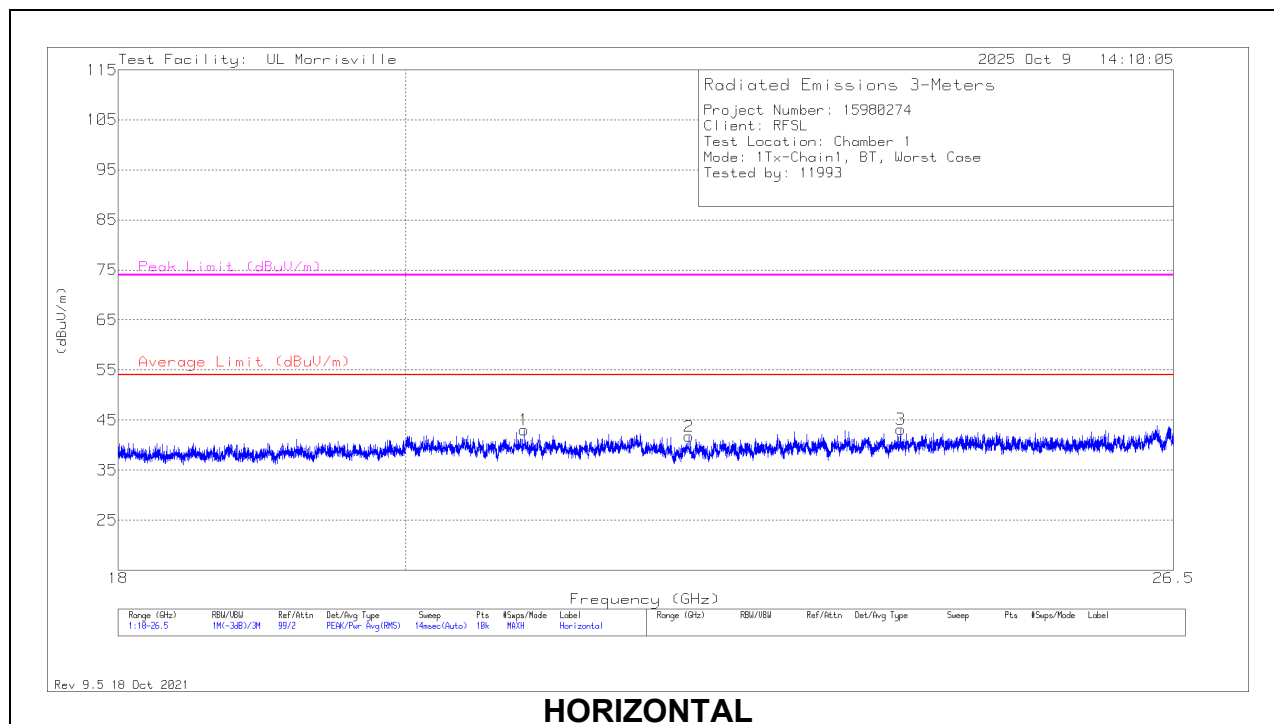
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91186 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.0181	48.87	Pk	32.6	-38.7	42.77	54	-11.23	74	-31.23	0-360	300	H
2	* ** 22.60831	47.95	Pk	33.4	-39.5	41.85	54	-12.15	74	-32.15	0-360	101	H
3	* ** 23.82478	47.7	Pk	33.9	-39.2	42.4	54	-11.6	74	-31.6	0-360	199	H
4	* ** 20.50605	48.71	Pk	32.8	-39.5	42.01	54	-11.99	74	-31.99	0-360	150	V
5	* ** 22.16712	48.11	Pk	33.4	-39.6	41.91	54	-12.09	74	-32.09	0-360	101	V
6	* ** 23.68962	47.55	Pk	33.9	-39.2	42.25	54	-11.75	74	-31.75	0-360	250	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION) C1



18 – 26GHz Data

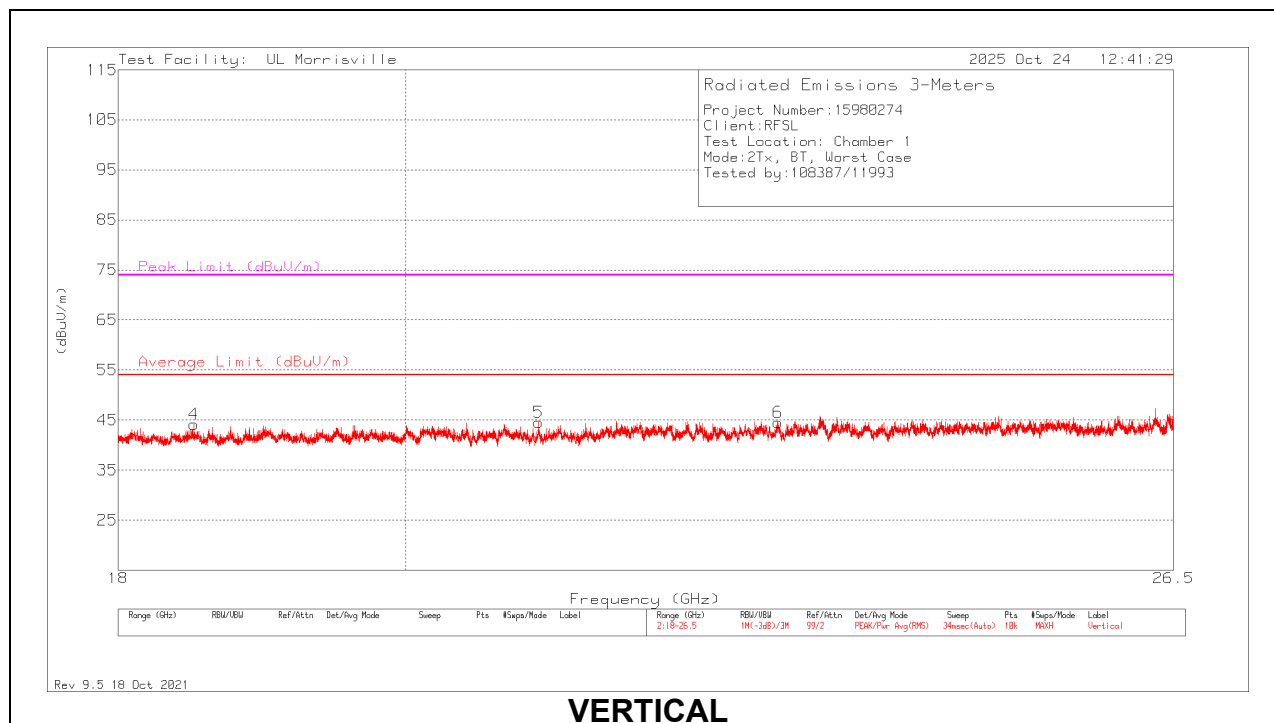
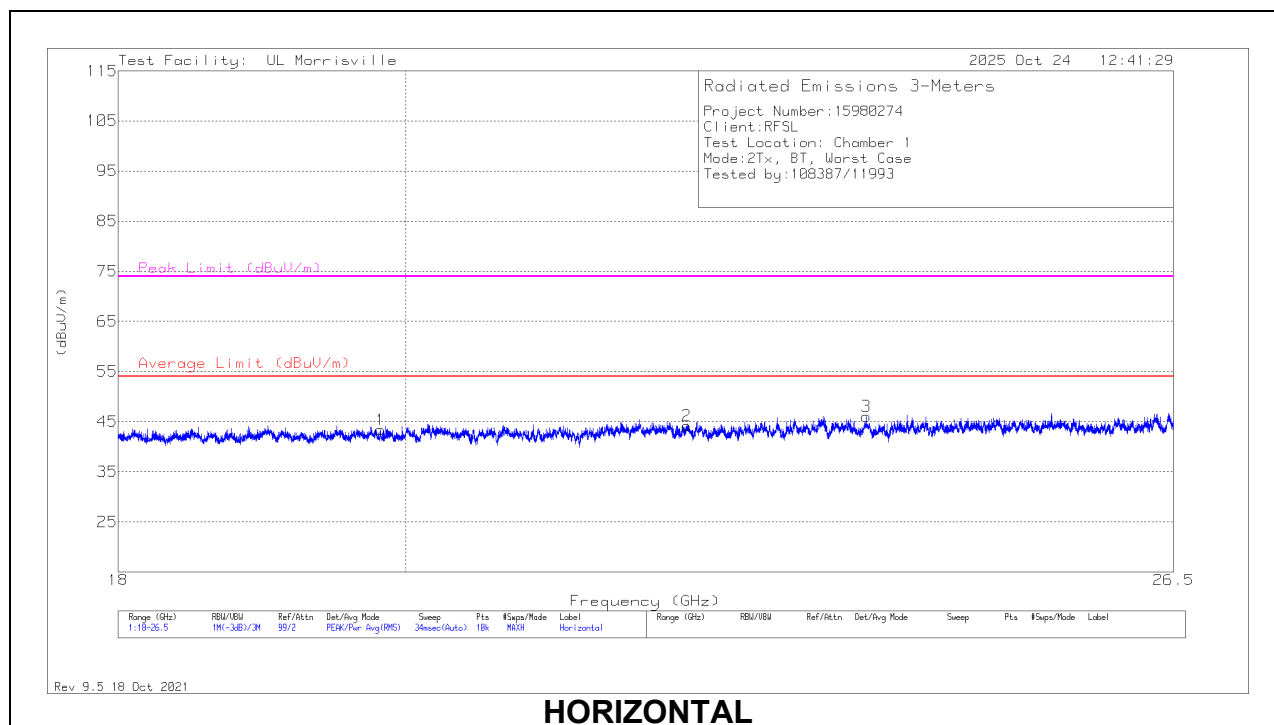
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91186 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.88689	49.95	Pk	32.7	-39.6	43.05	54	-10.95	74	-30.95	0-360	199	H
2	* ** 22.18837	47.82	Pk	33.4	-39.5	41.72	54	-12.28	74	-32.28	0-360	299	H
3	* ** 23.9778	48.6	Pk	33.8	-39.2	43.2	54	-10.8	74	-30.8	0-360	150	H
4	* ** 20.013	48.9	Pk	32.6	-38.7	42.8	54	-11.2	74	-31.2	0-360	200	V
5	* ** 22.28953	46.97	Pk	33.4	-39.5	40.87	54	-13.13	74	-33.13	0-360	250	V
6	* ** 23.70662	47.7	Pk	33.9	-39.3	42.3	54	-11.7	74	-31.7	0-360	150	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION) MIMO



18 – 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91186 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 19.81578	50.55	Pk	32.5	-39.7	43.35	54	-10.65	74	-30.65	0-360	299	H
2	* ** 22.17052	50.17	Pk	33.4	-39.4	44.17	54	-9.83	74	-29.83	0-360	200	H
3	* ** 23.68027	51.32	Pk	33.9	-39.2	46.02	54	-7.98	74	-27.98	0-360	101	H
4	* ** 18.5058	51.25	Pk	32.5	-39.6	44.15	54	-9.85	74	-29.85	0-360	200	V
5	* ** 20.99825	50.71	Pk	32.9	-39.1	44.51	54	-9.49	74	-29.49	0-360	200	V
6	* ** 22.92284	50.04	Pk	33.5	-39	44.54	54	-9.46	74	-29.46	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

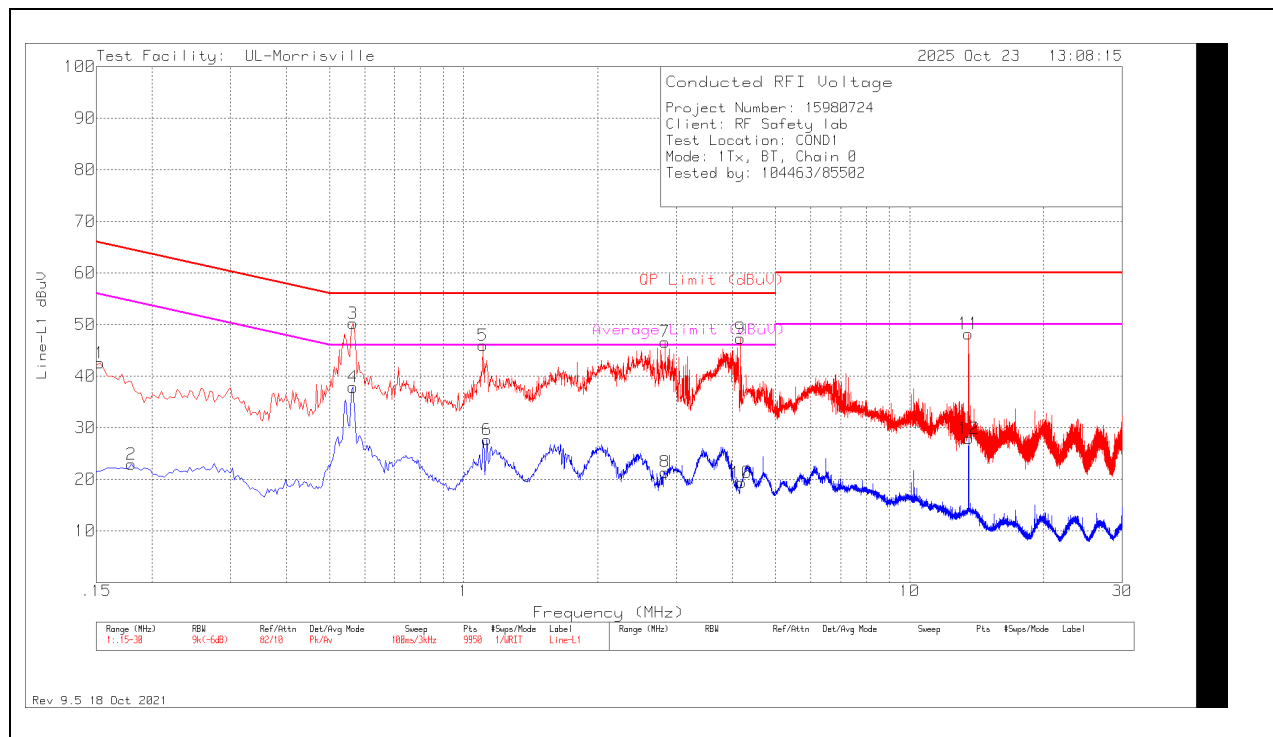
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

11.1.1. AC Power Line C0

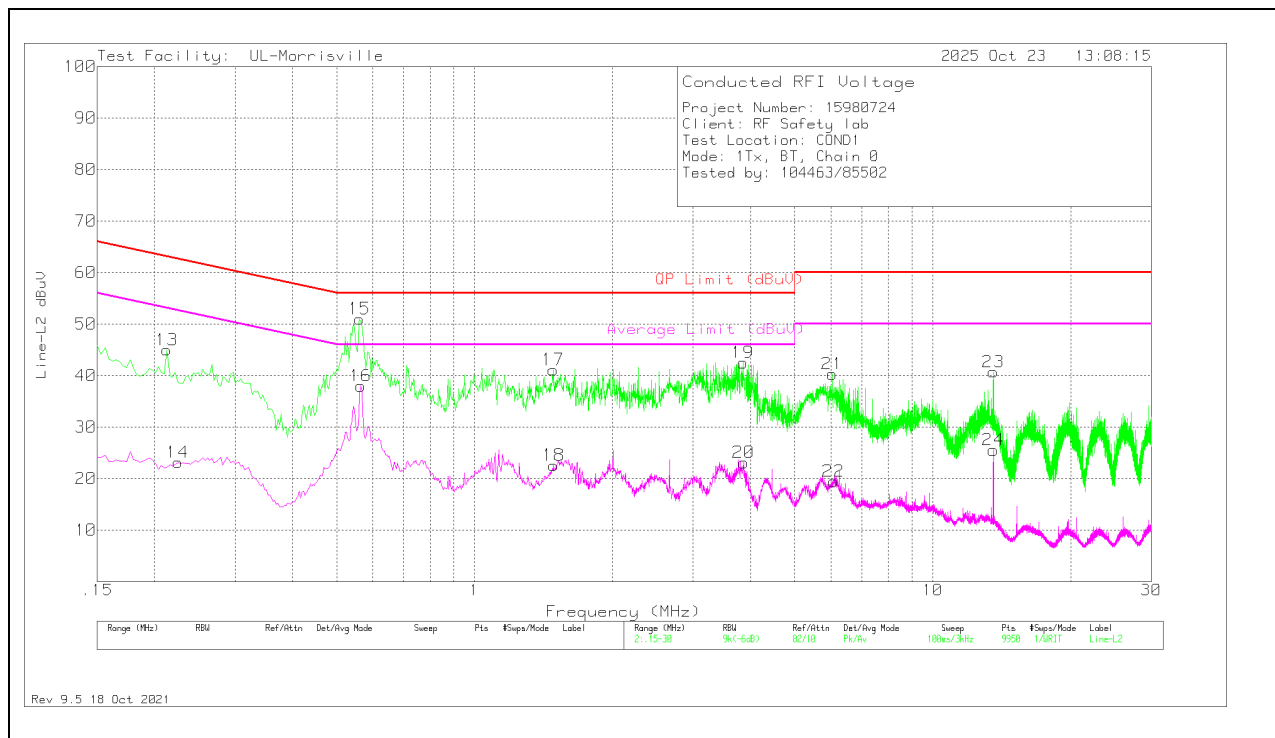
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	32.62	Pk	.2	9.7	42.52	65.84	-23.32	-	-
2	.18	12.98	Av	.2	9.7	22.88	-	-	54.49	-31.61
3	.56054	35.44	Qp	0	9.7	45.14	56	-10.86	-	-
4	.564	28.15	Av	0	9.7	37.85	-	-	46	-8.15
5	1.104	36.23	Pk	0	9.7	45.93	56	-10.07	-	-
6	1.128	17.94	Av	0	9.7	27.64	-	-	46	-18.36
7	2.829	36.92	Pk	0	9.7	46.62	56	-9.38	-	-
8	2.829	11.67	Av	0	9.7	21.37	-	-	46	-24.63
9	4.179	37.59	Pk	0	9.7	47.29	56	-8.71	-	-
10	4.194	9.66	Av	0	9.7	19.36	-	-	46	-26.64
11	13.557	38.29	Pk	.1	9.8	48.19	60	-11.81	-	-
12	13.563	17.97	Av	.1	9.8	27.87	-	-	50	-22.13

Pk - Peak detector
Av - Average detection
Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS

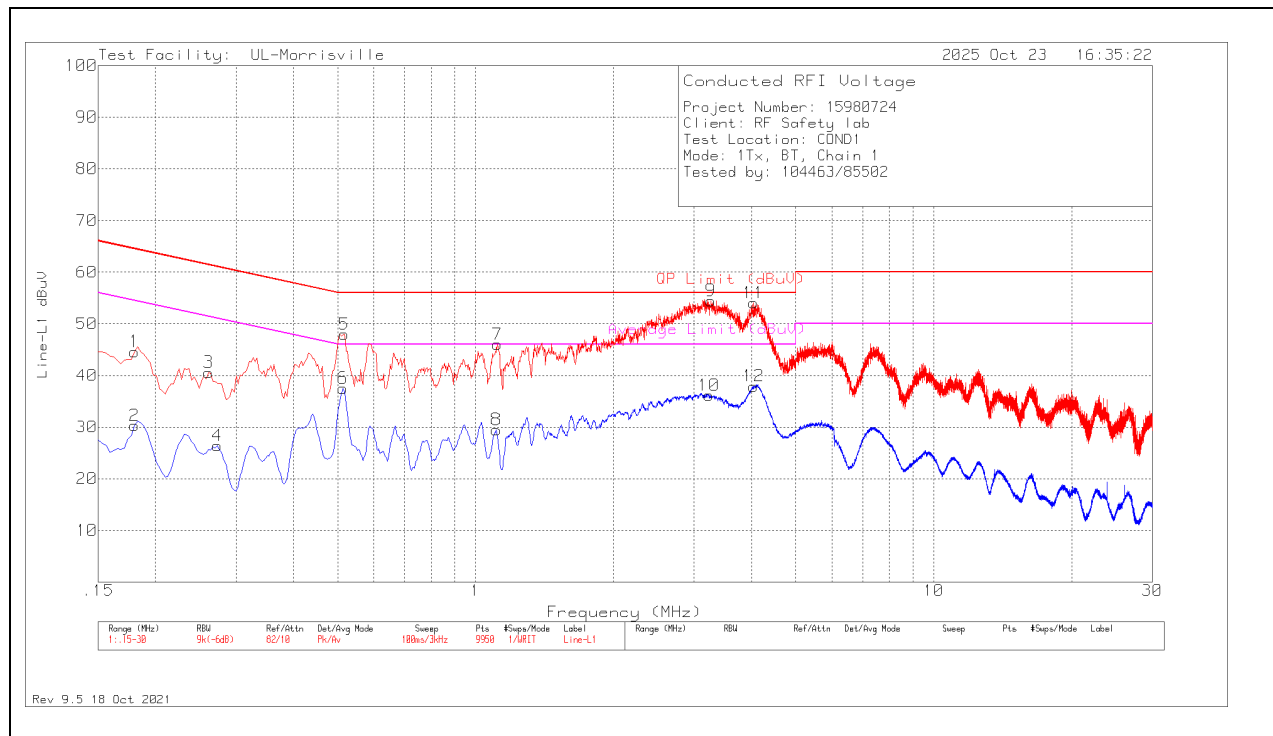


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.213	35.15	Pk	.1	9.7	44.95	63.09	-18.14	-	-
14	.225	13.33	Av	.1	9.7	23.13	-	-	52.63	-29.5
15	.56071	34.5	Qp	0	9.7	44.2	56	-11.8	-	-
16	.564	28.28	Av	0	9.7	37.98	-	-	46	-8.02
17	1.485	31.42	Pk	0	9.7	41.12	56	-14.88	-	-
18	1.488	12.86	Av	0	9.7	22.56	-	-	46	-23.44
19	3.852	32.8	Pk	0	9.7	42.5	56	-13.5	-	-
20	3.864	13.4	Av	0	9.7	23.1	-	-	46	-22.9
21	6.033	30.6	Pk	0	9.7	40.3	60	-19.7	-	-
22	6.069	9.74	Av	0	9.7	19.44	-	-	50	-30.56
23	13.563	30.78	Pk	.1	9.8	40.68	60	-19.32	-	-
24	13.563	15.64	Av	.1	9.8	25.54	-	-	50	-24.46

Pk - Peak detector
Av - Average detection
Qp - Quasi-Peak detector
Ca - CISPR average detection

11.1.2. AC Power Line C1

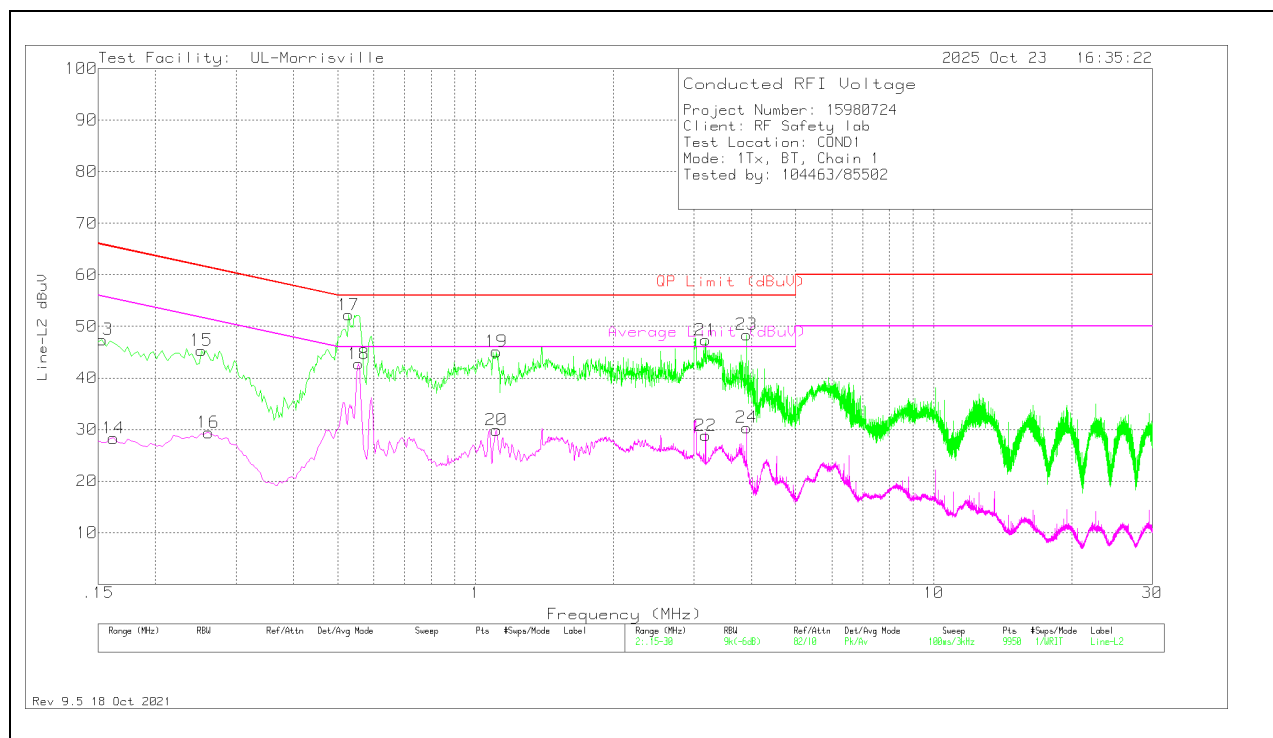
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.18	34.68	Pk	.2	9.7	44.58	64.49	-19.91	-	-
2	.18	20.41	Av	.2	9.7	30.31	-	-	54.49	-24.18
3	.261	30.78	Pk	.1	9.7	40.58	61.4	-20.82	-	-
4	.273	16.6	Av	.1	9.7	26.4	-	-	51.03	-24.63
6	.513	27.83	Av	0	9.7	37.53	-	-	46	-8.47
5	.516	38.26	Pk	0	9.7	47.96	56	-8.04	-	-
8	1.11	19.79	Av	0	9.7	29.49	-	-	46	-16.51
7	1.116	36.31	Pk	0	9.7	46.01	56	-9.99	-	-
10	3.231	26.46	Av	0	9.7	36.16	-	-	46	-9.84
9	3.26998	21.15	Qp	0	9.7	30.85	56	-25.15	-	-
12	4.041	28.22	Av	0	9.7	37.92	-	-	46	-8.08
11	4.05152	25.42	Qp	0	9.7	35.12	56	-20.88	-	-

Pk - Peak detector
Av - Average detection
Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS

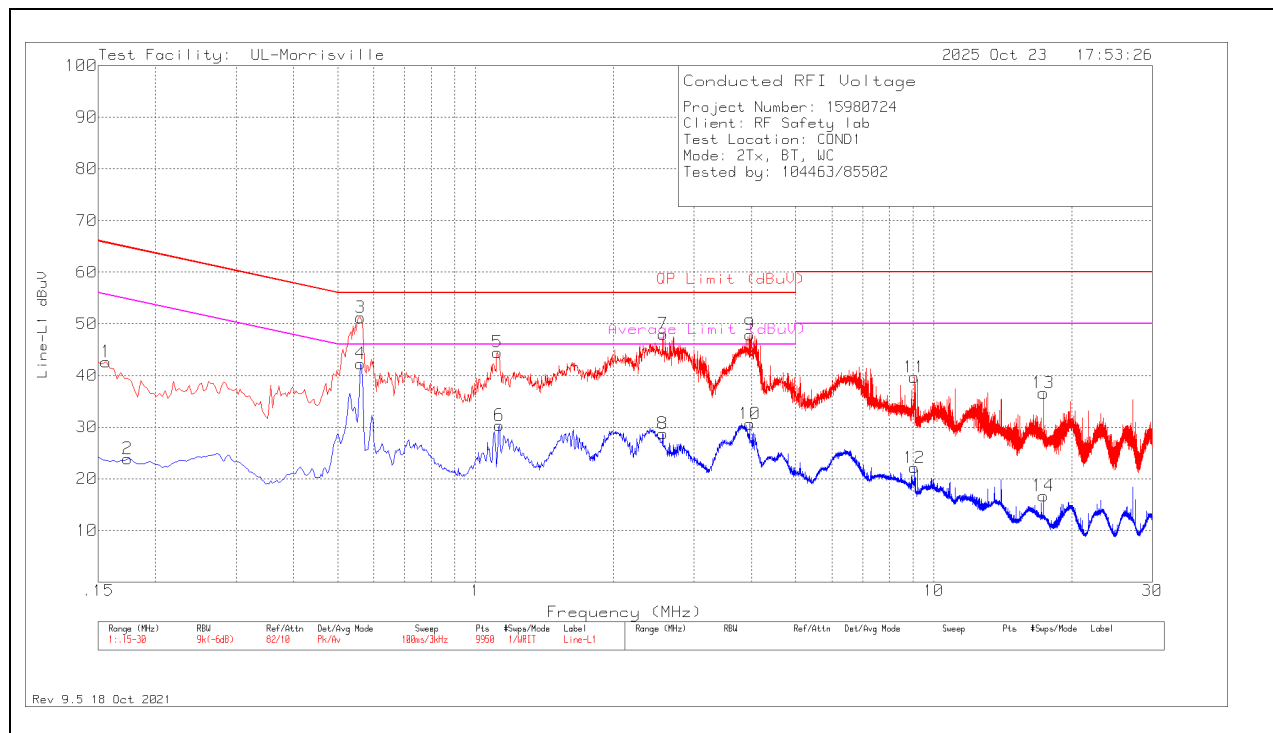


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	37.52	Pk	.2	9.7	47.42	65.84	-18.42	-	-
14	.162	18.42	Av	.2	9.7	28.32	-	-	55.36	-27.04
15	.252	35.53	Pk	.1	9.7	45.33	61.69	-16.36	-	-
16	.261	19.61	Av	.1	9.7	29.41	-	-	51.4	-21.99
17	.53945	38.19	Qp	0	9.7	47.89	56	-8.11	-	-
18	.55968	29.05	Ca	0	9.7	38.75	-	-	46	-7.25
19	1.11	35.42	Pk	0	9.7	45.12	56	-10.88	-	-
20	1.11	20.2	Av	0	9.7	29.9	-	-	46	-16.1
21	3.177	37.64	Pk	0	9.7	47.34	56	-8.66	-	-
22	3.177	19.14	Av	0	9.7	28.84	-	-	46	-17.16
24	3.903	20.67	Av	0	9.7	30.37	-	-	46	-15.63
23	3.906	38.7	Pk	0	9.7	48.4	56	-7.6	-	-

Pk - Peak detector
Av - Average detection
Qp - Quasi-Peak detector
Ca - CISPR average detection

11.1.3. AC Power Line MIMO

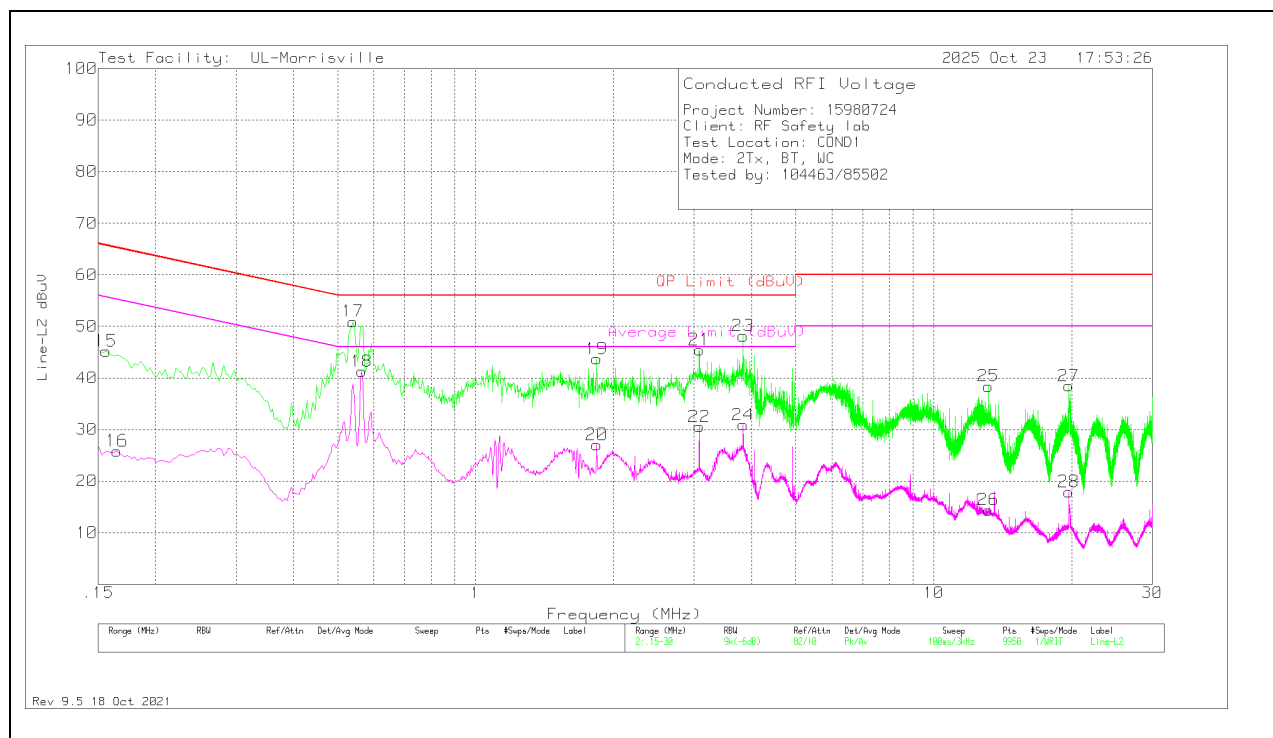
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.156	32.76	Pk	.2	9.7	42.66	65.67	-23.01	-	-
2	.174	14	Av	.2	9.7	23.9	-	-	54.77	-30.87
3	.56269	38.3	Qp	0	9.7	48	56	-8	-	-
4	.55528	21.53	Ca	0	9.7	31.23	-	-	46	-14.77
5	1.116	34.8	Pk	0	9.7	44.5	56	-11.5	-	-
6	1.125	20.64	Av	0	9.7	30.34	-	-	46	-15.66
7	2.565	38.33	Pk	0	9.7	48.03	56	-7.97	-	-
8	2.562	19.04	Av	0	9.7	28.74	-	-	46	-17.26
9	3.969	38.21	Pk	0	9.7	47.91	56	-8.09	-	-
10	3.969	20.93	Av	0	9.7	30.63	-	-	46	-15.37
11	9.072	29.85	Pk	.1	9.7	39.65	60	-20.35	-	-
12	9.066	12.34	Av	.1	9.7	22.14	-	-	50	-27.86
13	17.352	26.7	Pk	.1	9.8	36.6	60	-23.4	-	-
14	17.352	6.8	Av	.1	9.8	16.7	-	-	50	-33.3

Pk - Peak detector
Av - Average detection
Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
15	.156	35.29	Pk	.2	9.7	45.19	65.67	-20.48	-	-
16	.165	15.95	Av	.2	9.7	25.85	-	-	55.21	-29.36
17	.55627	34.91	Qp	0	9.7	44.61	56	-11.39	-	-
18	.55493	21.37	Ca	0	9.7	31.07	-	-	46	-14.93
19	1.839	34.01	Pk	0	9.7	43.71	56	-12.29	-	-
20	1.839	17.33	Av	0	9.7	27.03	-	-	46	-18.97
21	3.081	35.74	Pk	0	9.7	45.44	56	-10.56	-	-
22	3.078	20.83	Av	0	9.7	30.53	-	-	46	-15.47
23	3.837	38.47	Pk	0	9.7	48.17	56	-7.83	-	-
24	3.837	21.22	Av	0	9.7	30.92	-	-	46	-15.08
25	13.155	28.51	Pk	.1	9.8	38.41	60	-21.59	-	-
26	13.155	4.51	Av	.1	9.8	14.41	-	-	50	-35.59
27	19.704	28.45	Pk	.2	9.8	38.45	60	-21.55	-	-
28	19.704	7.9	Av	.2	9.8	17.9	-	-	50	-32.1

Pk - Peak detector
Av - Average detection
Qp - Quasi-Peak detector
Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to R15980274-EP1 for setup photos

END OF TEST REPORT