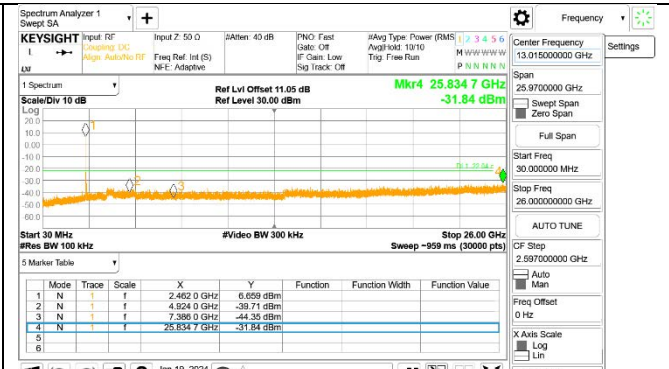




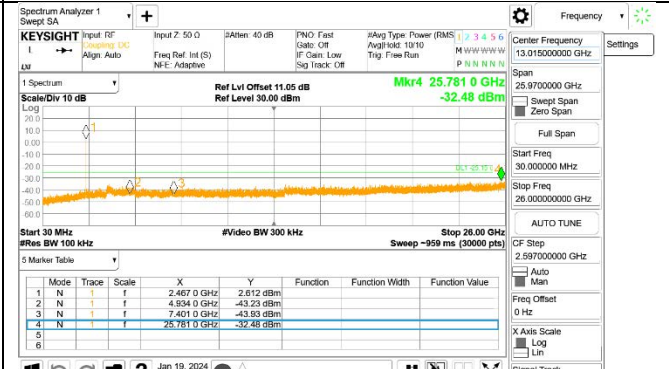
11n HT20 HIGH CHANNEL 11 BANDEDGE



11n HT20 OUT-OF-BAND HIGH CHANNEL 11



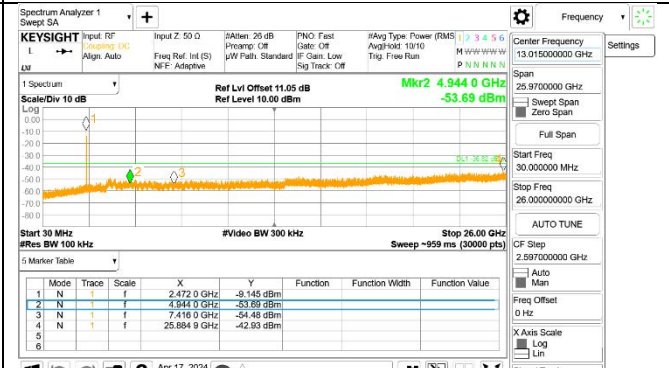
11n HT20 HIGH CHANNEL 12 BANDEDGE



11n HT20 OUT-OF-BAND HIGH CHANNEL 12



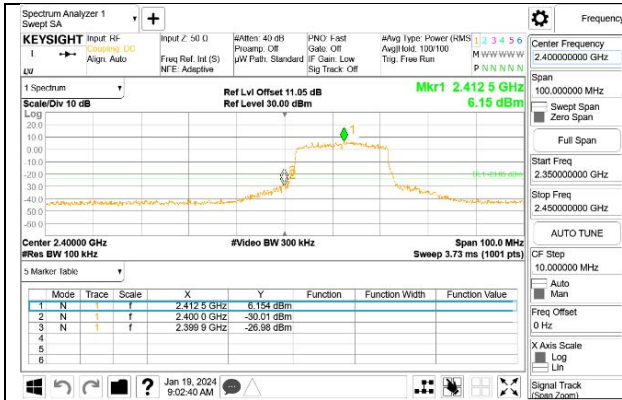
11n HT20 HIGH CHANNEL 13 BANDEDGE



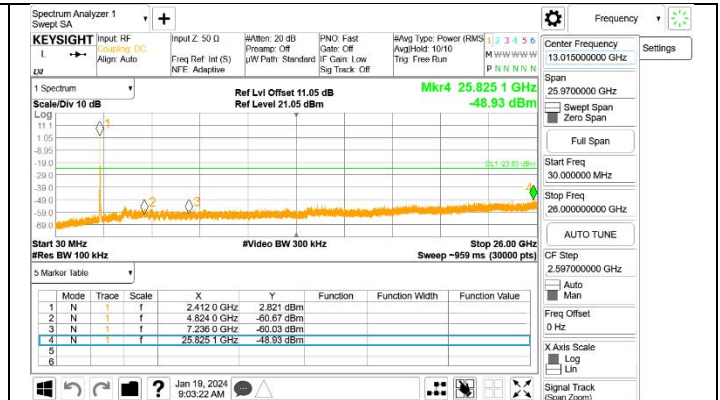
11n HT20 OUT-OF-BAND HIGH CHANNEL 13

9.4.4. 802.11be EHT20 MODE

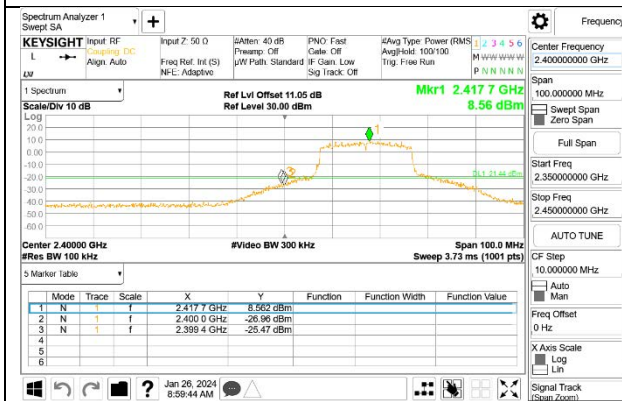
Tx0



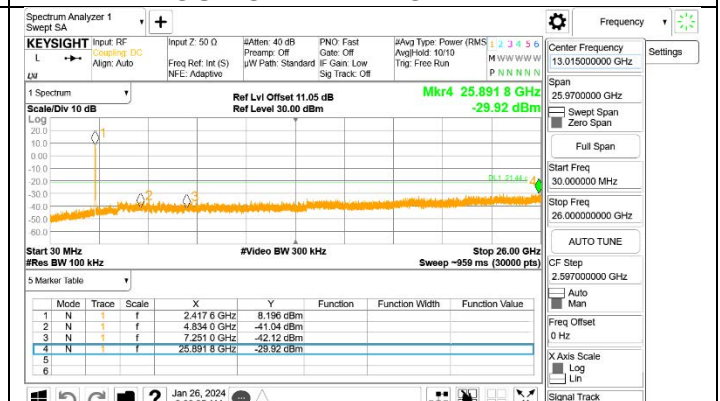
242T LOW CHANNEL 1 BANDEDGE



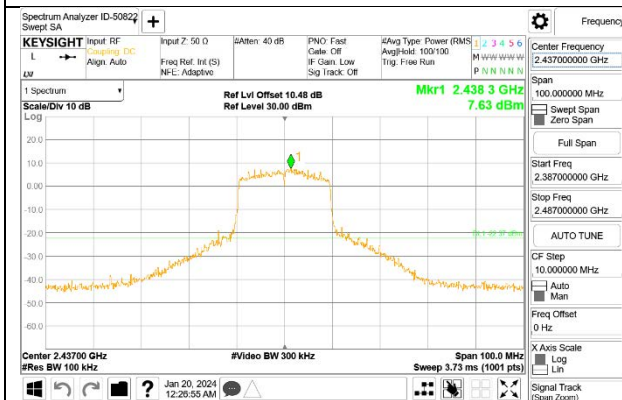
242T OUT-OF-BAND LOW CHANNEL 1



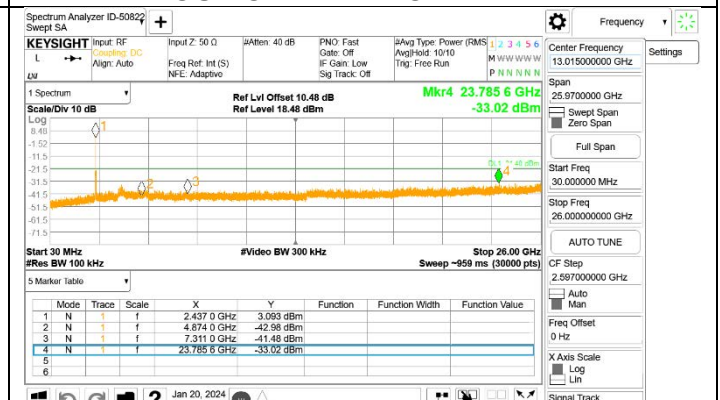
242T LOW CHANNEL 2 BANDEDGE



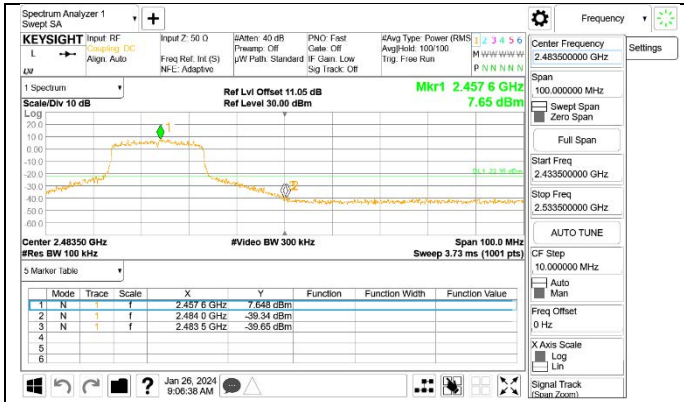
242T OUT-OF-BAND LOW CHANNEL 2



242T IN-BAND REFERENCE LEVEL



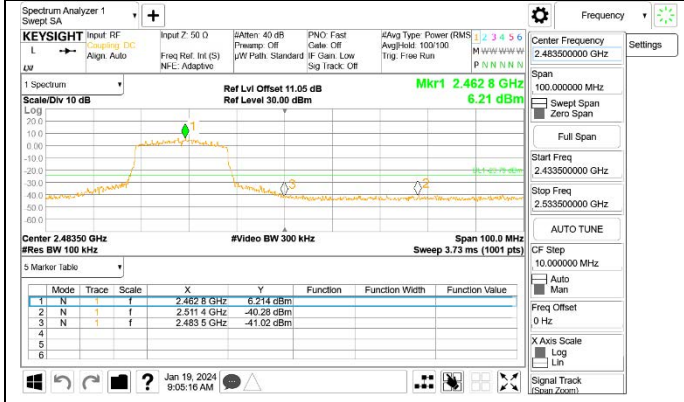
242T OUT-OF-BAND MID CHANNEL 6



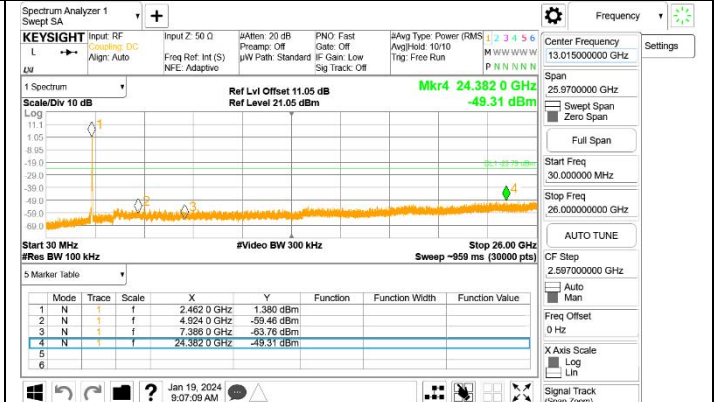
242T HIGH CHANNEL 10 BANDEGE



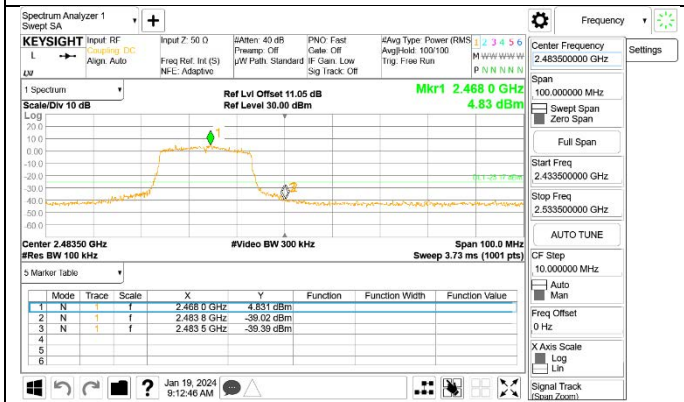
242T OUT-OF-BAND HIGH CHANNEL 10



242T HIGH CHANNEL 11 BANDEGE



242T OUT-OF-BAND HIGH CHANNEL 11



242T HIGH CHANNEL 12 BANDEGE



242T OUT-OF-BAND HIGH CHANNEL 12

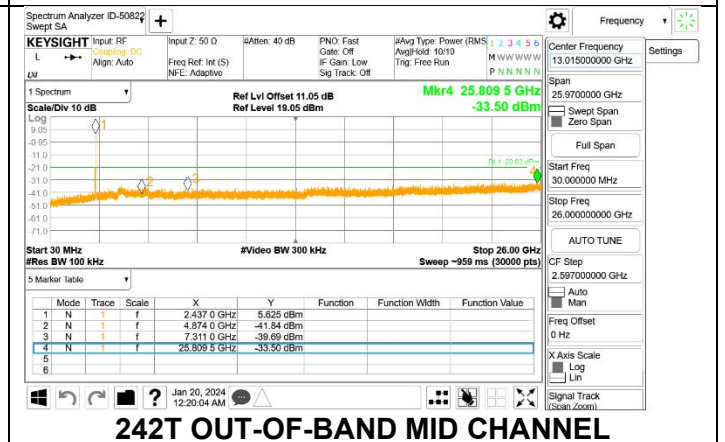
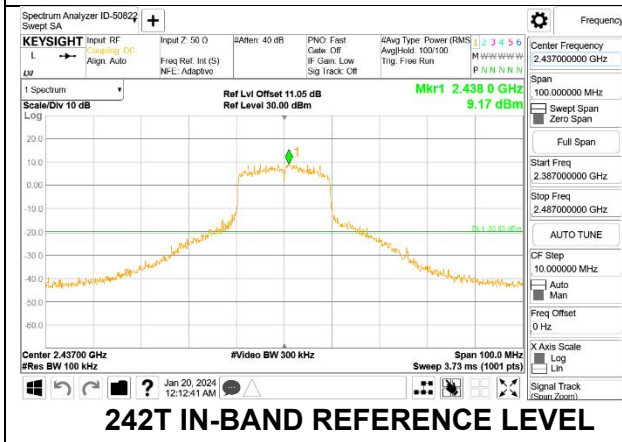
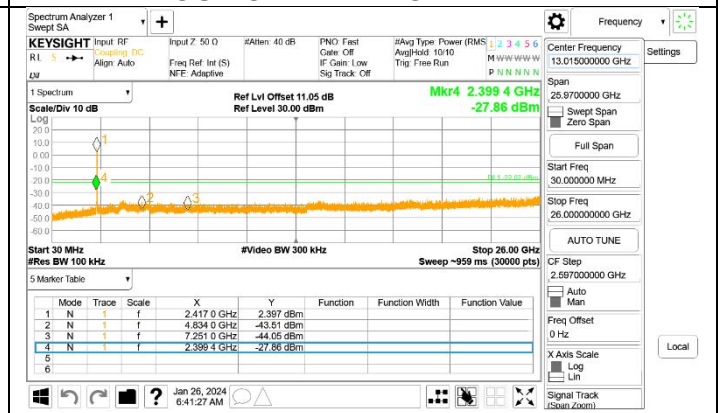
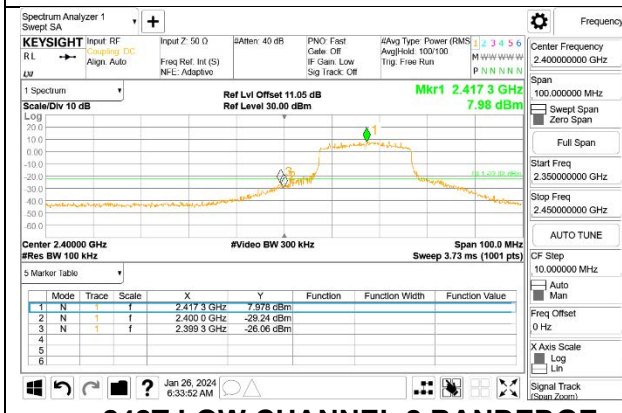
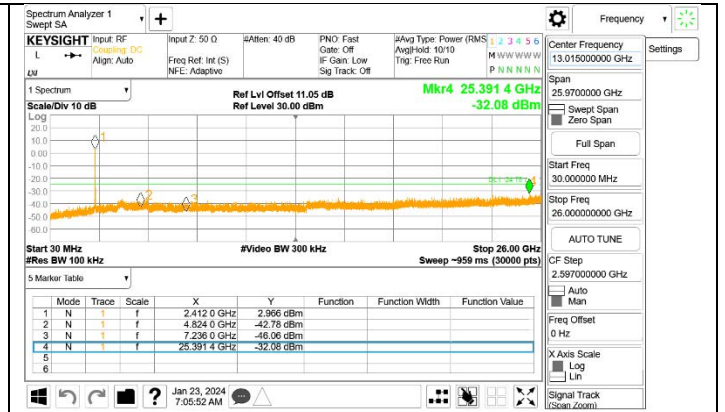
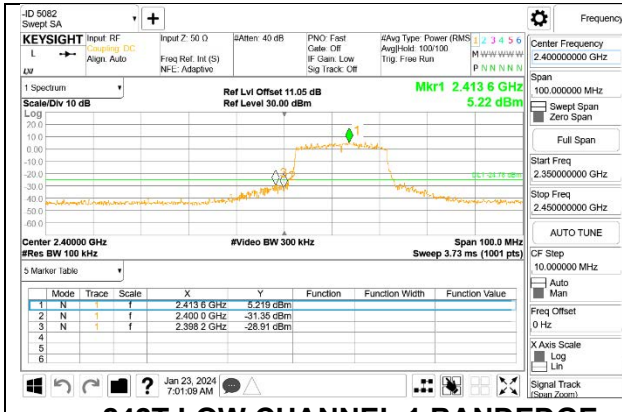


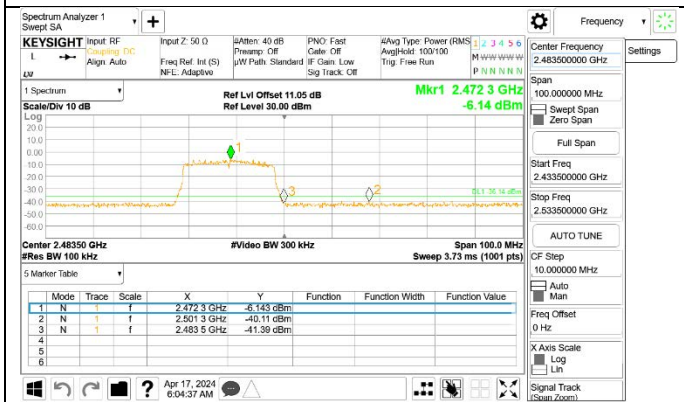
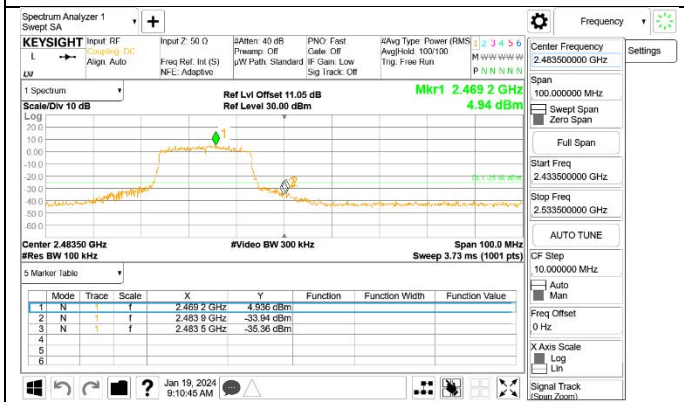
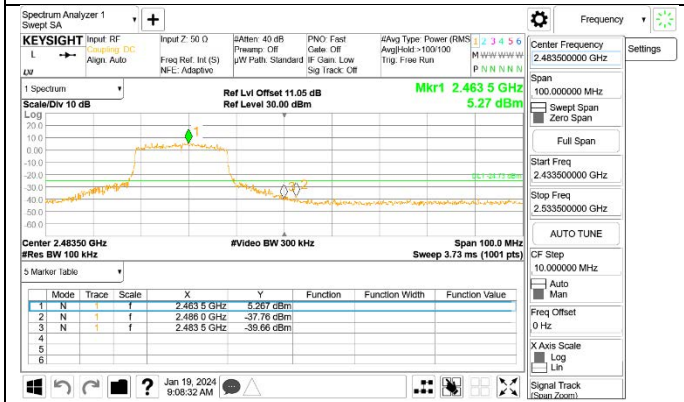
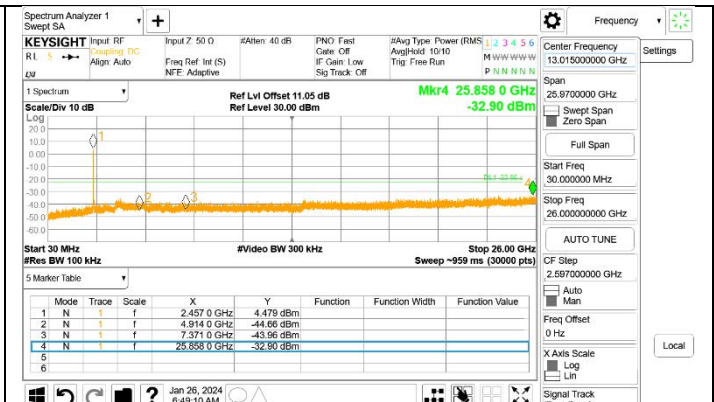
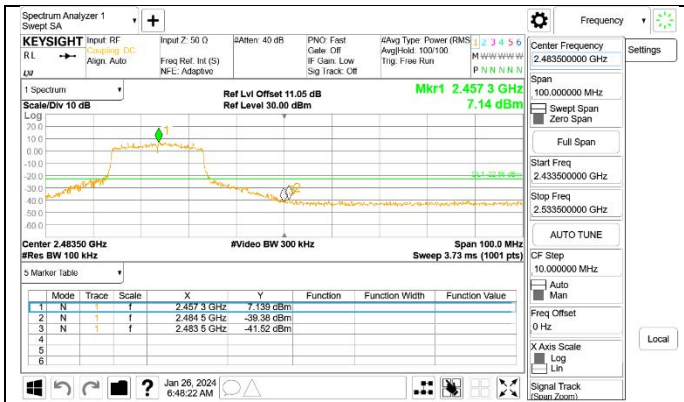
242T HIGH CHANNEL 13 BANDEGE



242T OUT-OF-BAND HIGH CHANNEL 13

Tx1





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

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 30 KHz for peak measurements.

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

The spectrum from 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.

For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only. Blue color trace on plots: Parallel orientation. Green color trace on plots: Perpendicular orientation.

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

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

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

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

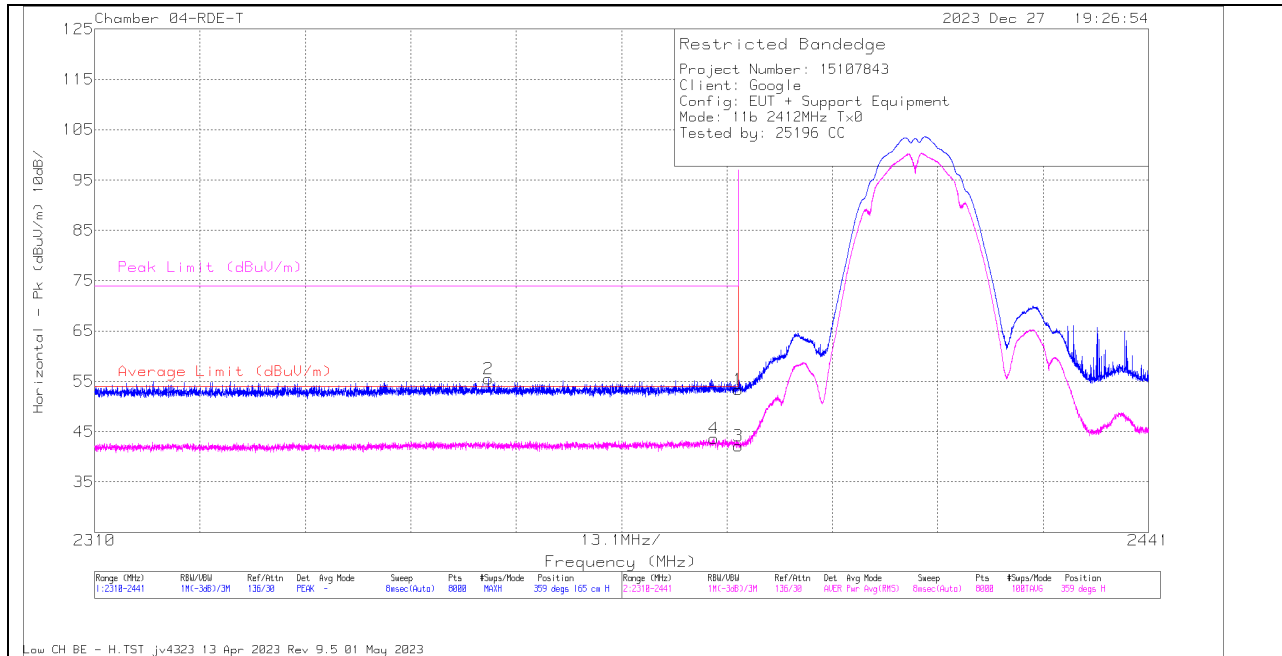
10.1. TRANSMITTER ABOVE 1 GHz

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

Tx0

BANDEDGE (LOW CHANNEL, CH 1)

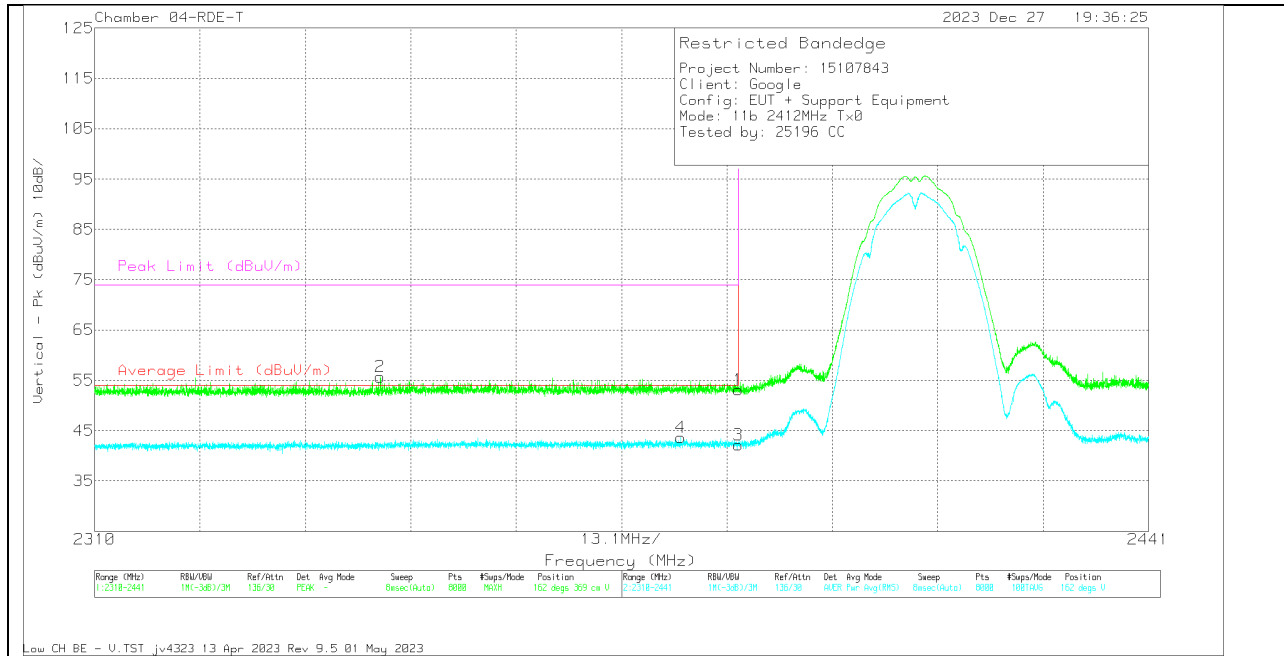
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2390	60.28	Pk	32.1	-39.05	53.33	-	-	74	-20.67	359	165	H
2	*** 2358.934	62.47	Pk	32	-39.02	55.45	-	-	74	-18.55	359	165	H
3	*** 2390	49.15	RMS	32.1	-39.05	42.2	54	-11.8	-	-	359	165	H
4	*** 2386.956	50.61	RMS	32.1	-39.11	43.6	54	-10.4	-	-	359	165	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

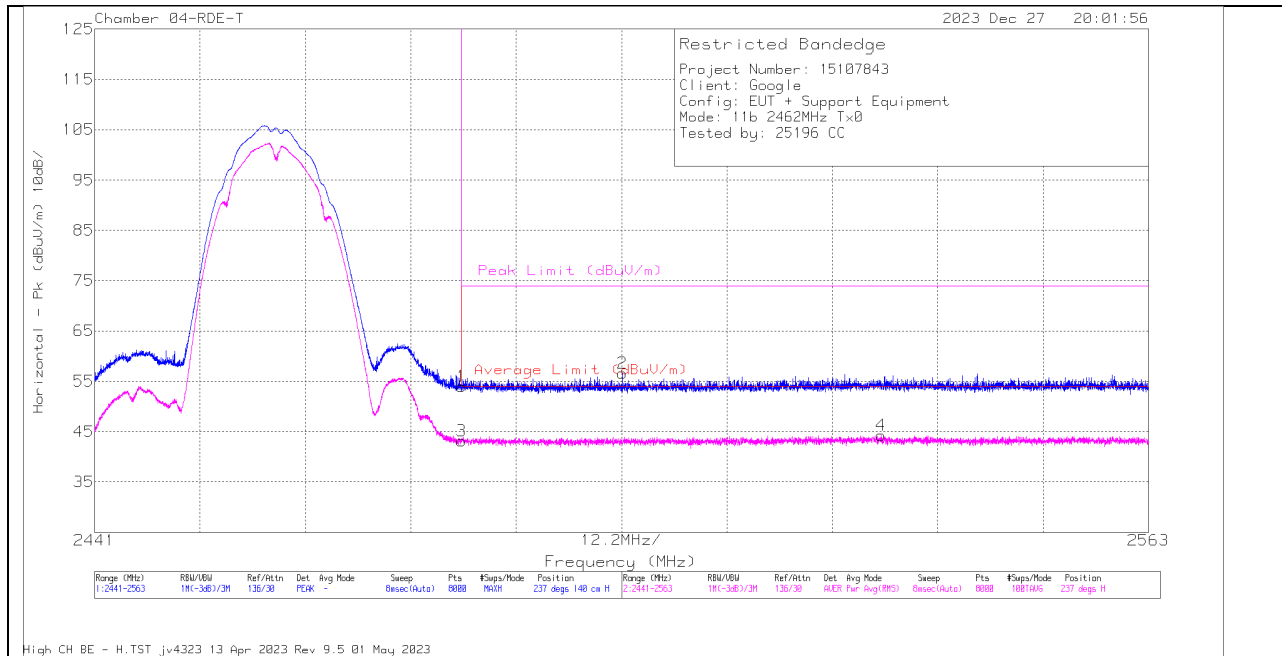


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2390	60.05	Pk	32.1	-39.05	53.1	-	-	74	-20.9	162	369	V
2	*** 2345.522	62.95	Pk	31.9	-39.17	55.68	-	-	74	-18.32	162	369	V
3	*** 2390	49.16	RMS	32.1	-39.05	42.21	54	-11.79	-	-	162	369	V
4	*** 2382.845	50.53	RMS	32.1	-38.97	43.66	54	-10.34	-	-	162	369	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

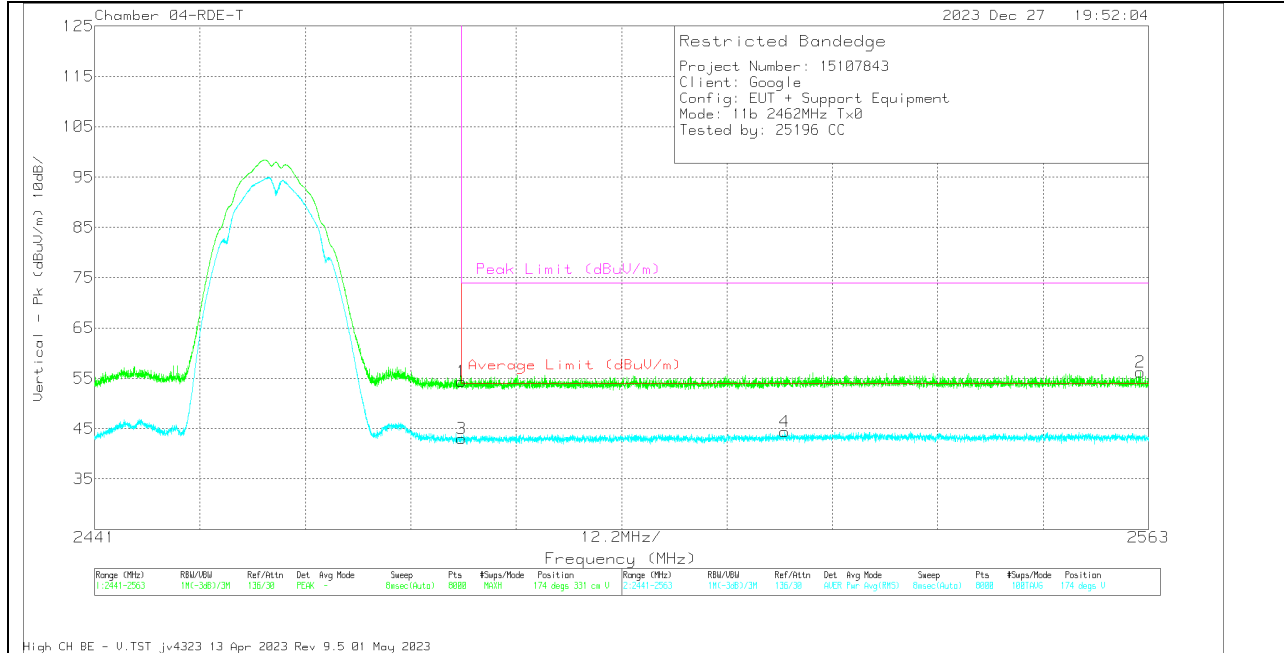
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2483.5	60.72	Pk	32.2	-38.87	54.05	-	-	74	-19.95	237	140	H
2	** 2502.1	62.95	Pk	32.3	-38.68	56.57	-	-	74	-17.43	237	140	H
3	*** 2483.5	49.82	RMS	32.2	-38.87	43.15	54	-10.85	-	-	237	140	H
4	** 2532.054	50.43	RMS	32.3	-38.4	44.33	54	-9.67	-	-	237	140	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

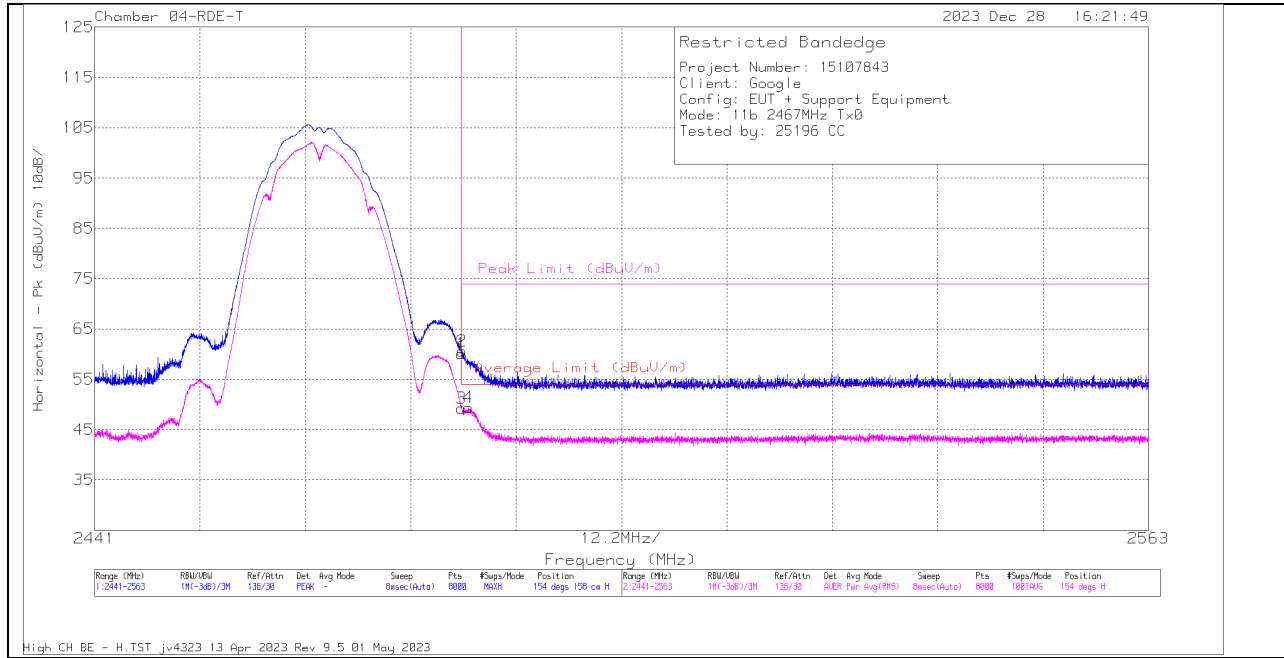


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 2483.5	61.05	Pk	32.2	-38.87	54.38	-	-	74	-19.62	174	331	V
2	** 2562.07	62.47	Pk	32.2	-38.48	56.19	-	-	74	-17.81	174	331	V
3	** 2483.5	49.67	RMS	32.2	-38.87	43	54	-11	-	-	174	331	V
4	** 2520.905	50.65	RMS	32.3	-38.5	44.45	54	-9.55	-	-	174	331	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

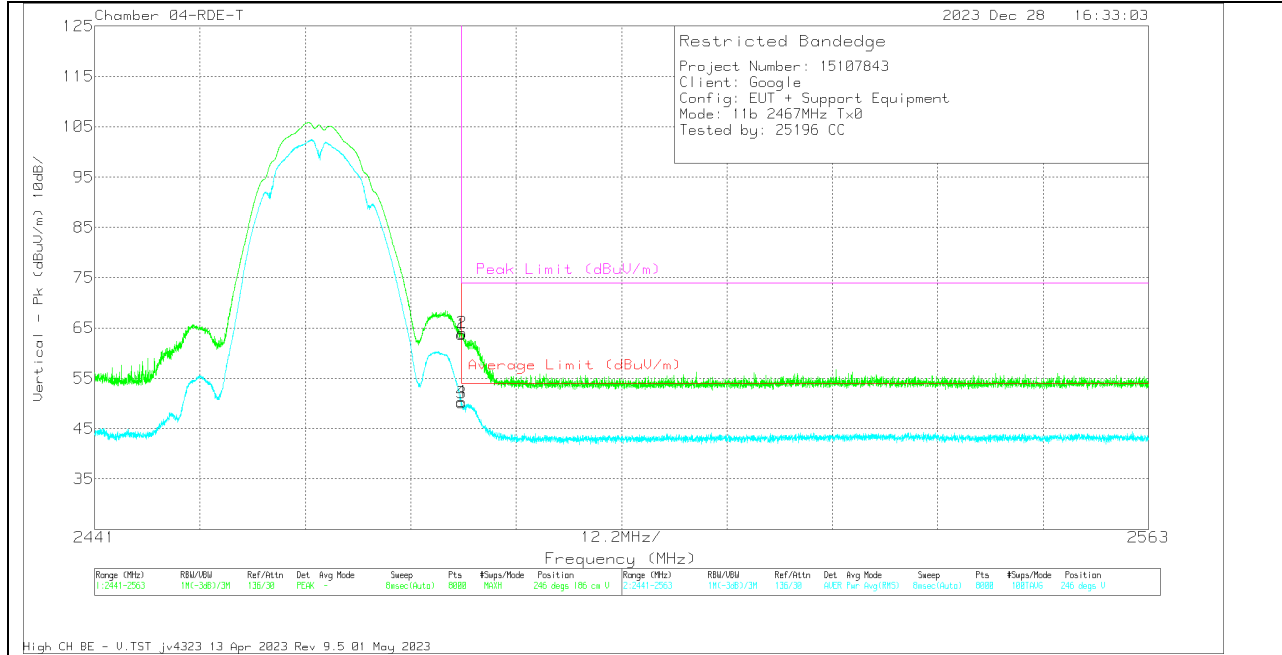
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2483.5	66.77	Pk	32.2	-38.87	60.1	-	-	74	-13.9	154	158	H
2	*** 2483.523	67.29	Pk	32.2	-38.87	60.62	-	-	74	-13.38	154	158	H
3	** 2483.5	55.88	RMS	32.2	-38.87	49.21	54	-4.79	-	-	154	158	H
4	** 2484.3	56.03	RMS	32.2	-38.87	49.36	54	-4.64	-	-	154	158	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

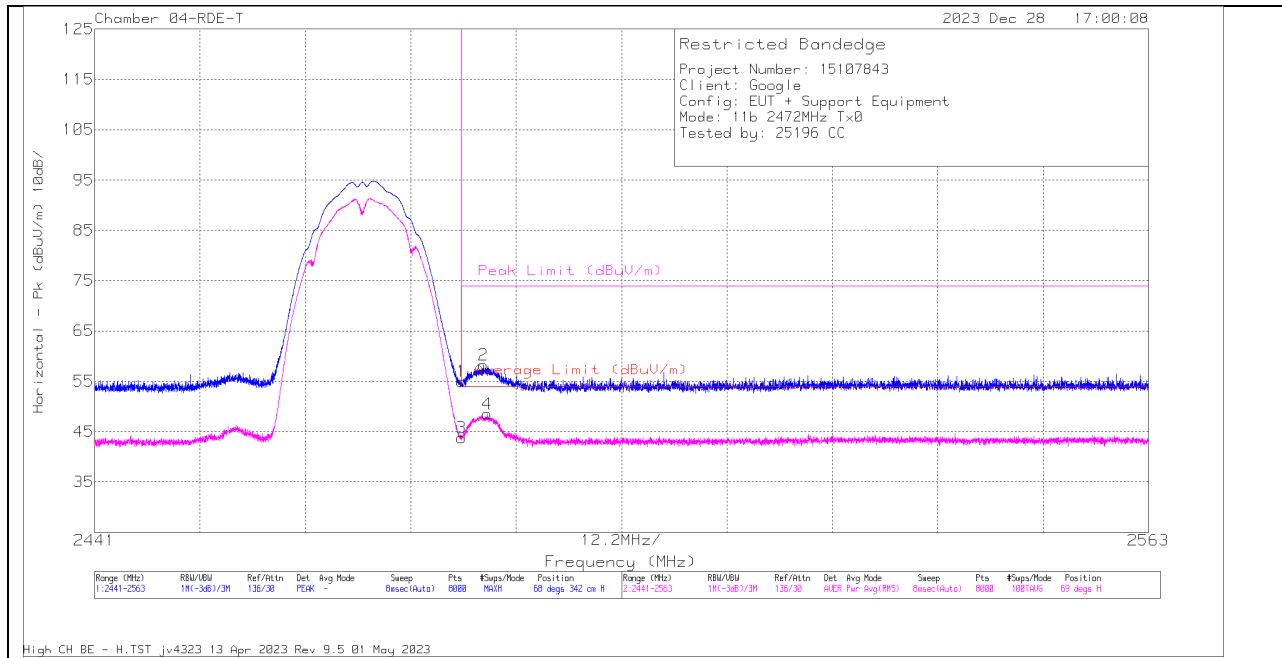


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2483.5	70.35	Pk	32.2	-38.87	63.68	-	-	74	-10.32	246	186	V
2	*** 2483.568	70.7	Pk	32.2	-38.87	64.03	-	-	74	-9.97	246	186	V
3	** 2483.5	56.78	RMS	32.2	-38.87	50.11	54	-3.89	-	-	246	186	V
4	** 2483.507	57.09	RMS	32.2	-38.87	50.42	54	-3.58	-	-	246	186	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

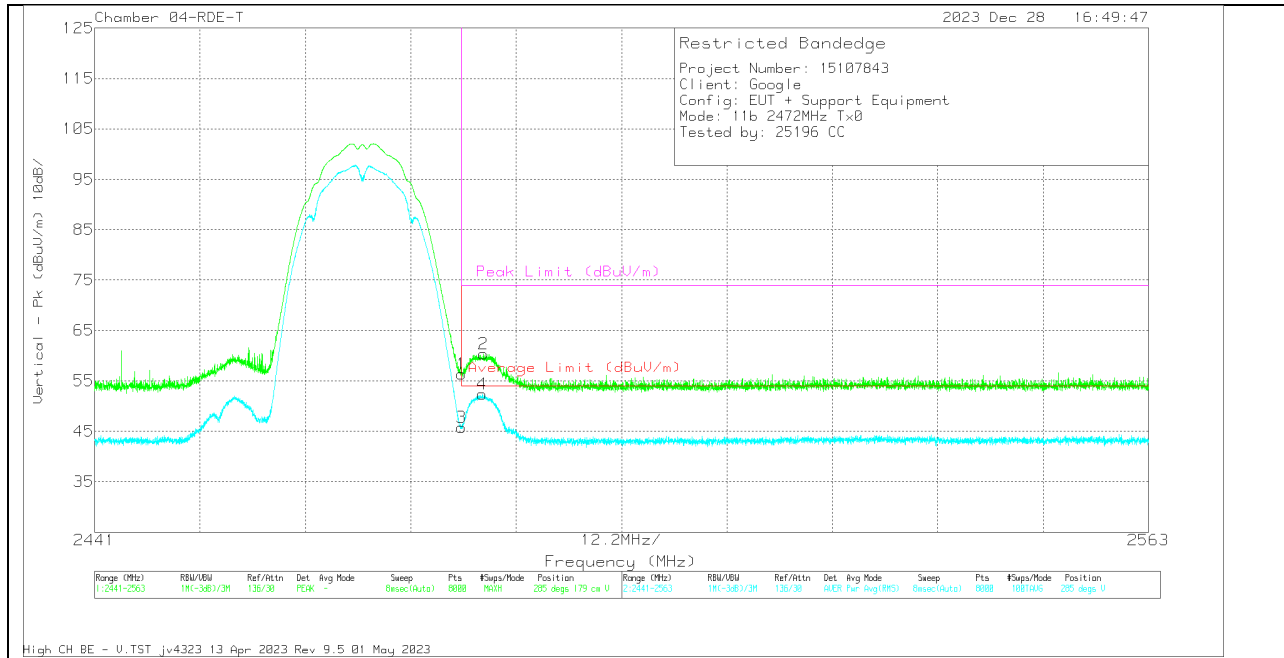
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	** 2483.5	61.66	Pk	32.2	-38.87	54.99	-	-	74	-19.01	68	342	H
2	** 2485.993	64.75	Pk	32.3	-38.8	58.25	-	-	74	-15.75	68	342	H
3	** 2483.5	50.44	RMS	32.2	-38.87	43.77	54	-10.23	-	-	69	342	H
4	** 2486.466	55	RMS	32.3	-38.79	48.51	54	-5.49	-	-	69	342	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT

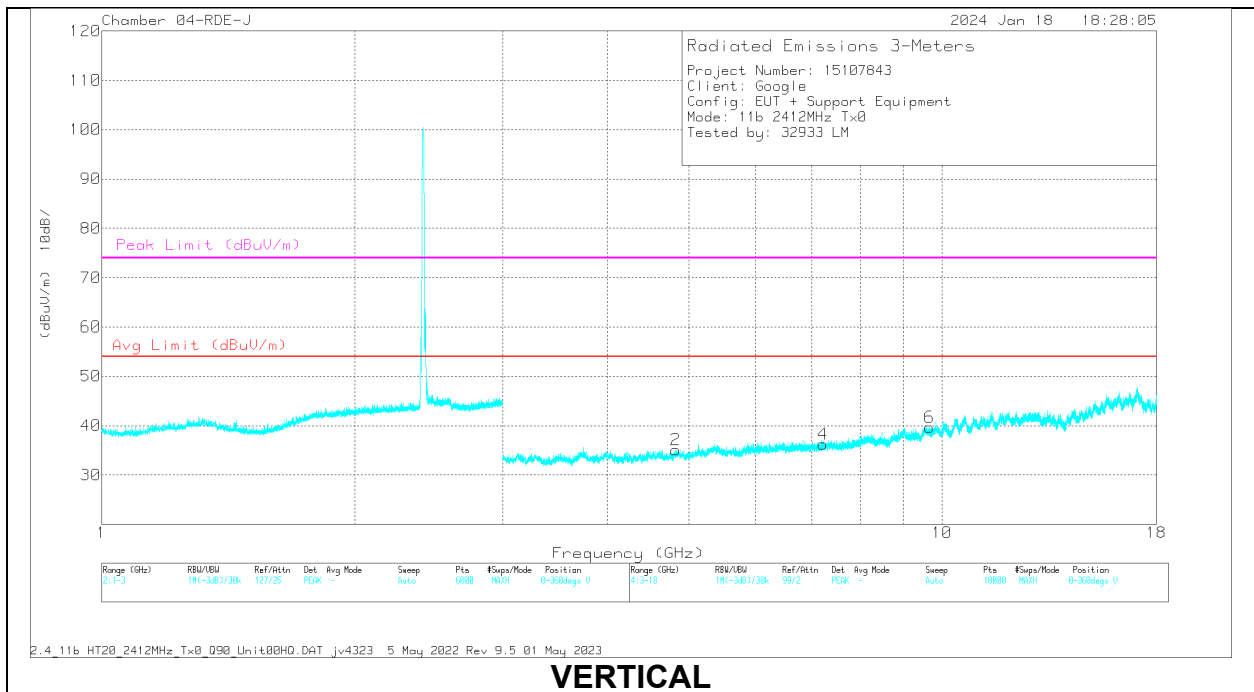
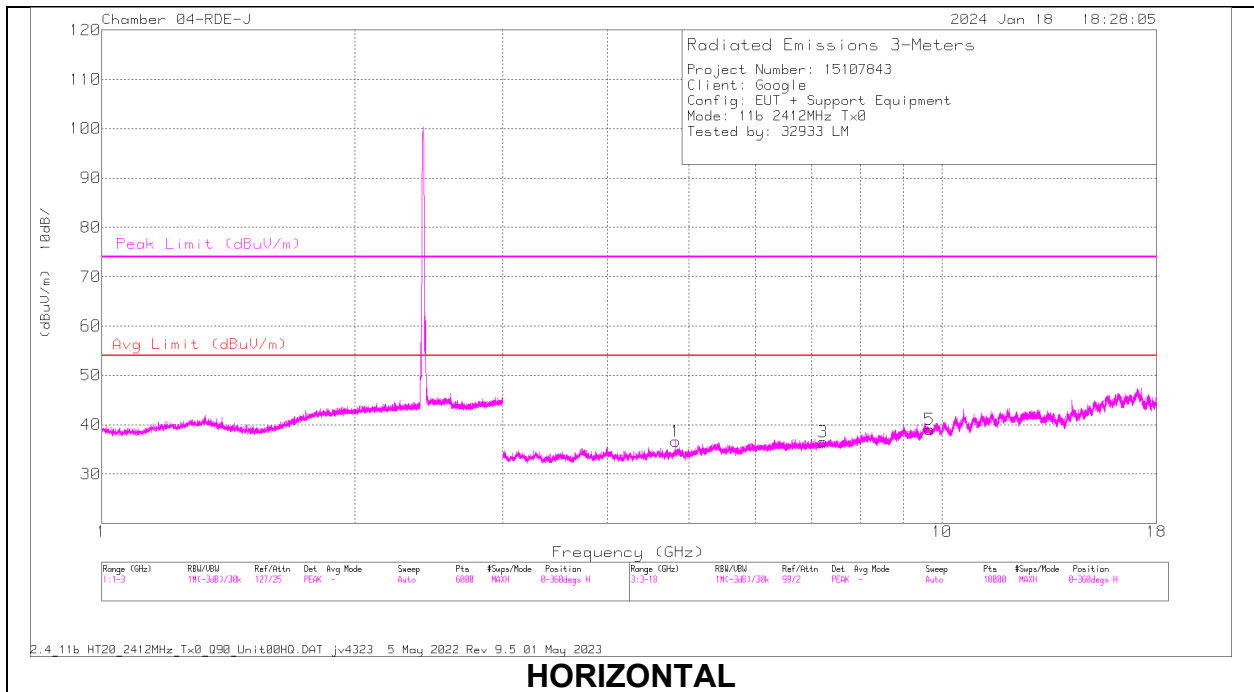


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2483.5	62.99	PK	32.2	-38.87	56.32	-	-	74	-17.68	285	179	V
2	*** 2486.009	66.81	PK	32.3	-38.8	60.31	-	-	74	-13.69	285	179	V
3	*** 2483.5	52.43	RMS	32.2	-38.87	45.76	54	-8.24	-	-	285	179	V
4	*** 2485.887	58.86	RMS	32.3	-38.8	52.36	54	-1.64	-	-	285	179	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.823926	57.54	PK2	34	-44.9	46.64	-	-	74	-27.36	203	177	H
	** 4.823949	47.17	MAv1	34	-44.9	36.27	54	-17.73	-	-	203	177	H
2	*** 4.824323	56.26	PK2	34	-44.9	45.36	-	-	74	-28.64	231	235	V
	*** 4.823917	45.35	MAv1	34	-44.9	34.45	54	-19.55	-	-	231	235	V
3	7.219053	53.61	PK2	35.8	-42.4	47.01	-	-	74	-26.99	320	118	H
4	7.218085	53.63	PK2	35.8	-42.5	46.93	-	-	74	-27.07	140	398	V
5	9.667413	53.34	PK2	36.7	-40.8	49.24	-	-	74	-24.76	108	349	H
6	9.666507	53.74	PK2	36.7	-40.8	49.64	-	-	74	-24.36	356	363	V

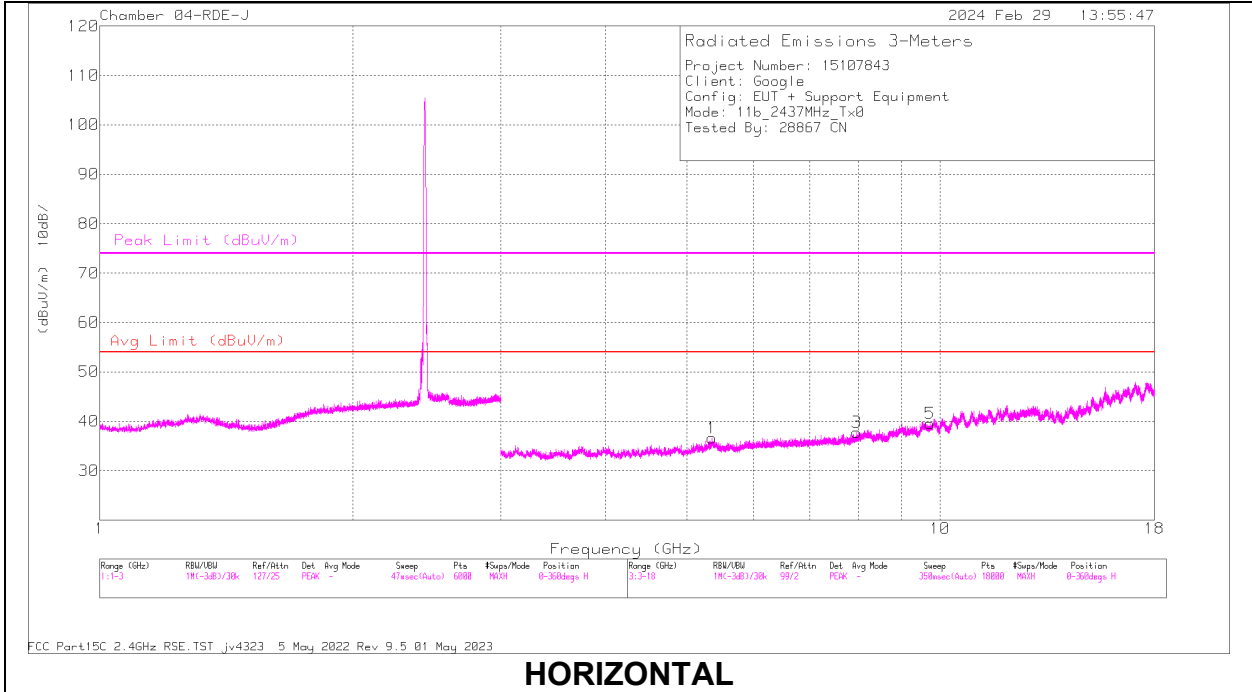
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

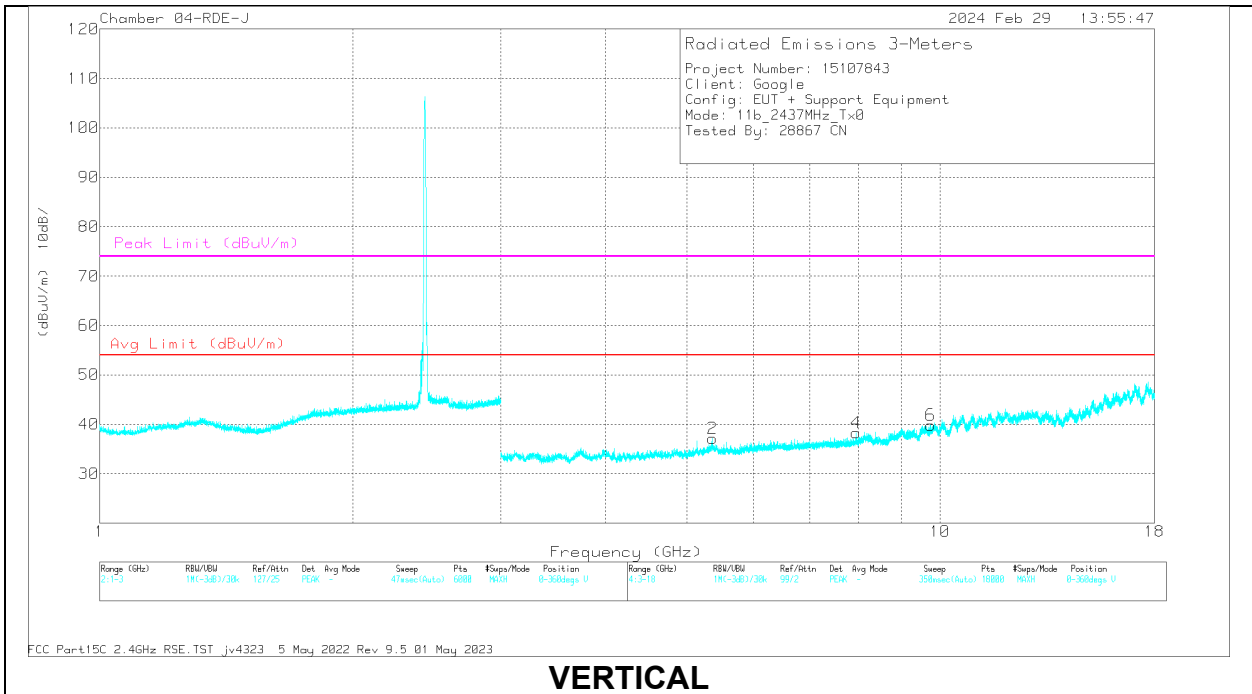
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.352524	54.49	PK2	35	-43.8	45.69	-	-	74	-28.31	69	103	H
	*** 5.356521	42.93	MAv1	35	-43.8	34.13	54	-19.87	-	-	69	103	H
2	*** 5.365837	54.76	PK2	35	-43.6	46.16	-	-	74	-27.84	275	157	V
	*** 5.362867	43.03	MAv1	35	-43.5	34.53	54	-19.47	-	-	275	157	V
4	7.94663	52.1	PK2	35.9	-41	47	-	-	74	-27	275	101	V
3	7.959453	52.19	PK2	35.9	-40.9	47.19	-	-	74	-26.81	69	101	H
5	9.731617	53.9	PK2	36.8	-41.1	49.6	-	-	74	-24.4	69	199	H
6	9.750266	53.97	PK2	36.8	-41	49.77	-	-	74	-24.23	275	101	V

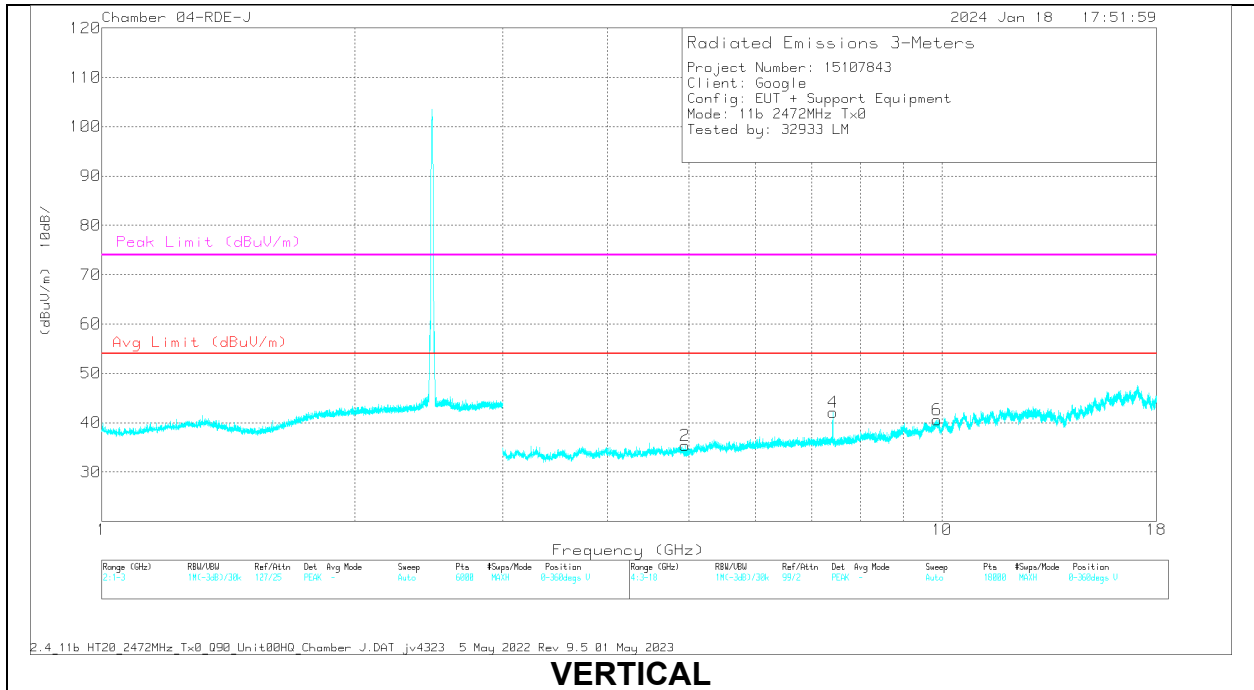
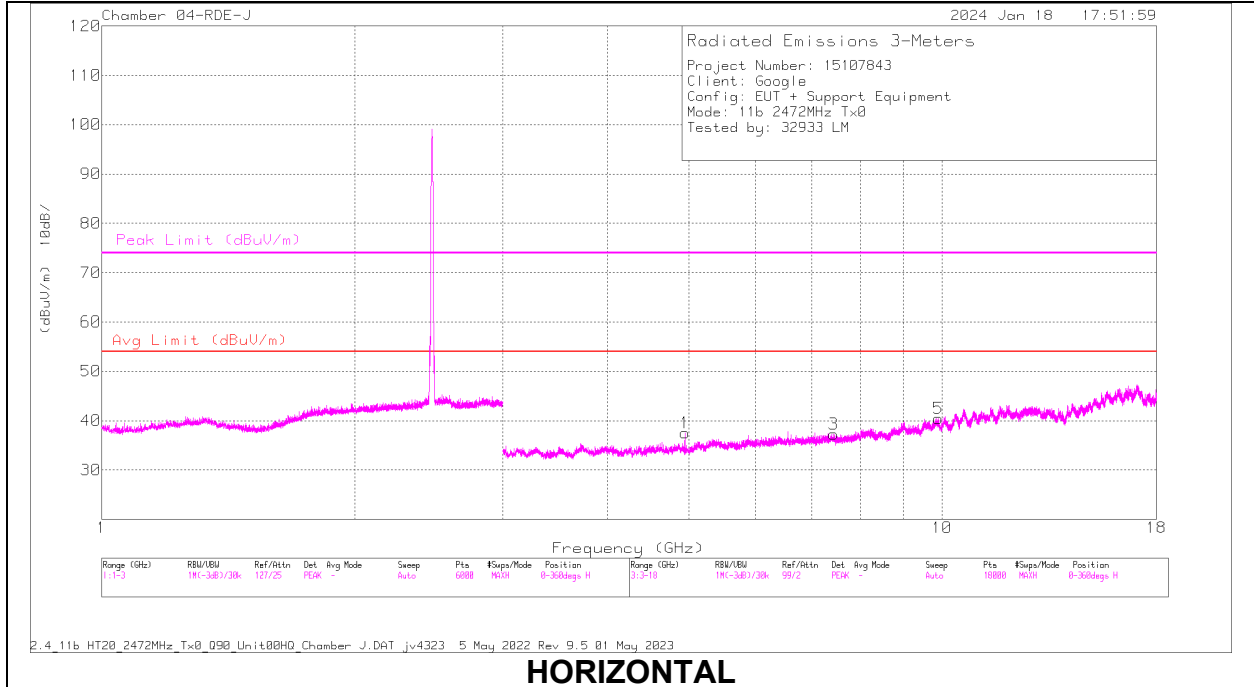
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



RADIATED EMISSIONS

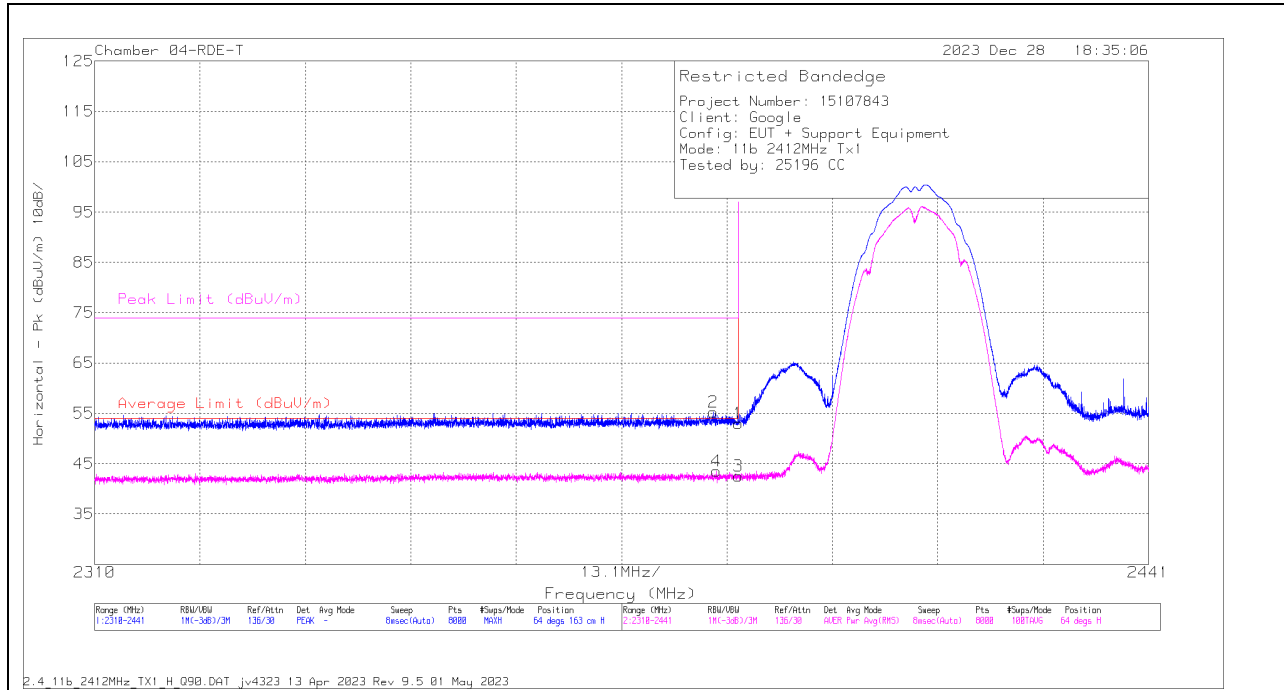
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.943822	57.6	PK2	34.1	-44.8	46.9	-	-	74	-27.1	208	178	H
	*** 4.944077	48.98	MAv1	34.1	-44.8	38.28	54	-15.72	-	-	208	178	H
2	*** 4.94611	55.47	PK2	34.1	-44.7	44.87	-	-	74	-29.13	246	382	V
	*** 4.944055	43.8	MAv1	34.1	-44.8	33.1	54	-20.9	-	-	246	382	V
3	*** 7.434492	53.17	PK2	35.8	-42.2	46.77	-	-	74	-27.23	295	380	H
	*** 7.435633	41.37	MAv1	35.8	-42.1	35.07	54	-18.93	-	-	295	380	H
4	*** 7.41466	66.5	PK2	35.8	-42.3	60	-	-	74	-14	19	236	V
	*** 7.412555	41.39	MAv1	35.8	-42.3	34.89	54	-19.11	-	-	19	236	V
5	9.899006	41.39	PK2	37	-39.5	38.89	-	-	74	-35.11	20	284	H
6	9.869195	53.35	PK2	37	-39.8	50.55	-	-	74	-23.45	114	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

Tx1

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT

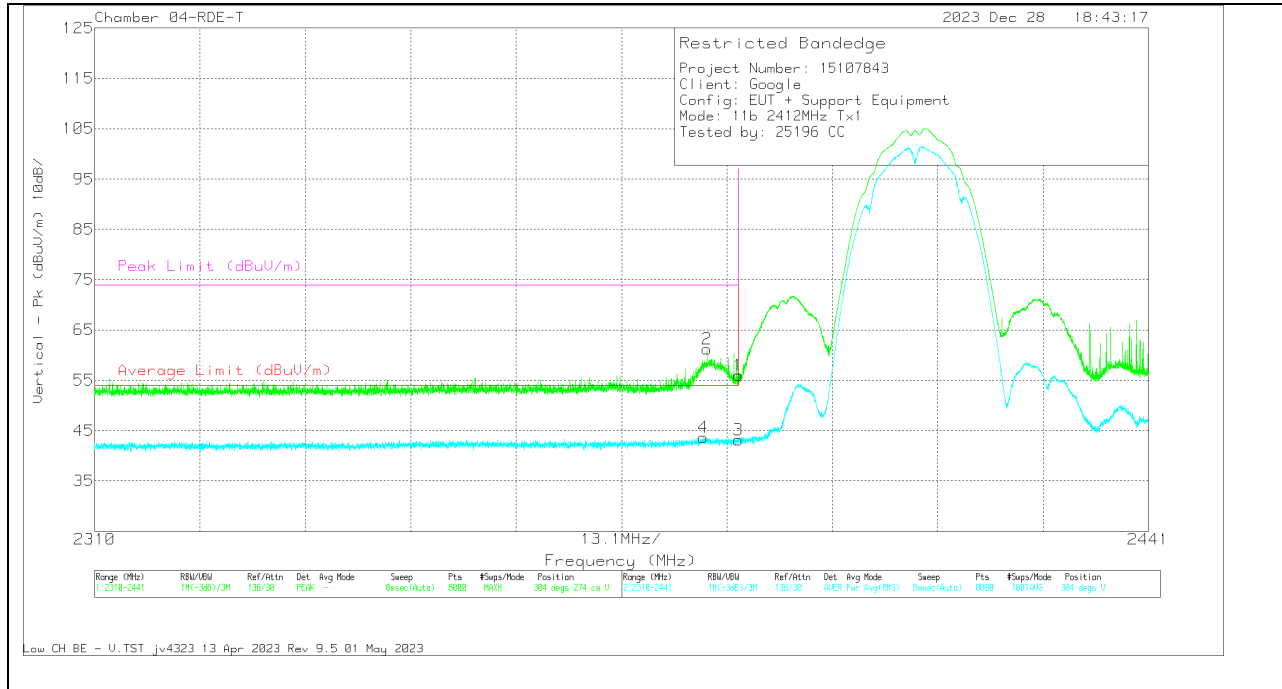


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	** 2390	59.92	Pk	32.1	-39.05	52.97	-	-	74	-21.03	64	163	H
2	** 2386.874	62.27	Pk	32.1	-39.11	55.26	-	-	74	-18.74	64	163	H
3	** 2390	49.45	RMS	32.1	-39.05	42.5	54	-11.5	-	-	64	163	H
4	** 2387.25	50.48	RMS	32.1	-39.1	43.48	54	-10.52	-	-	64	163	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



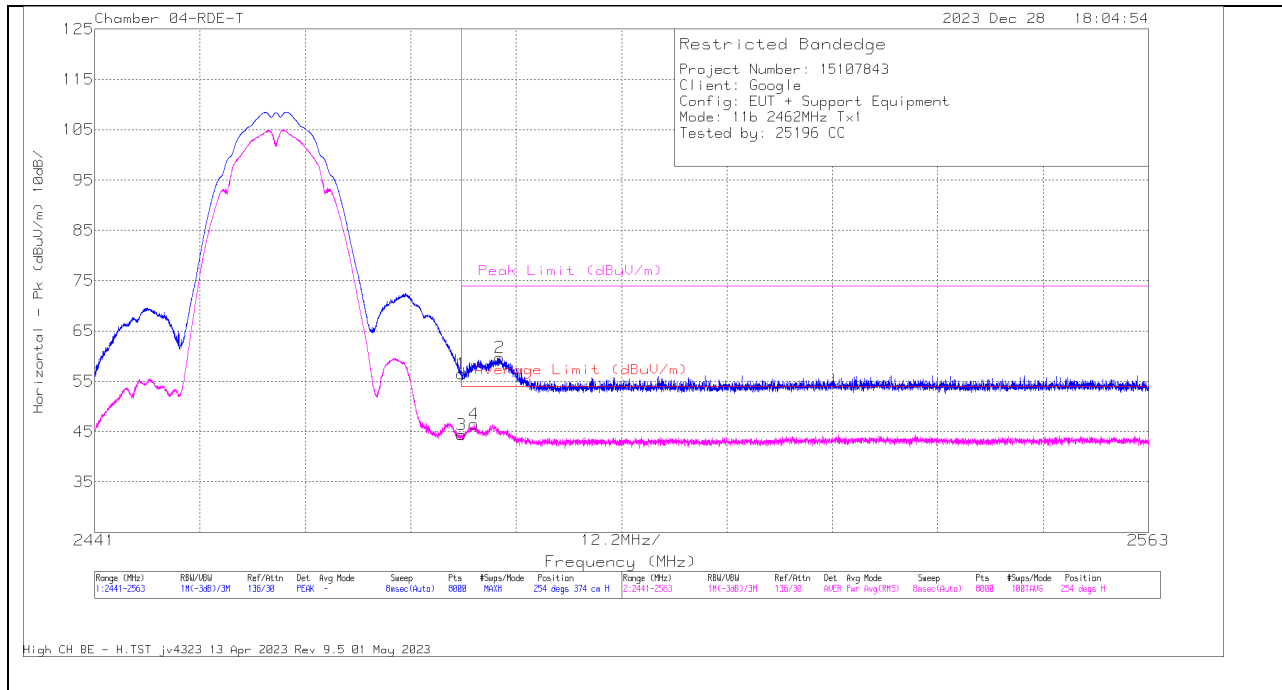
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	** 2390	62.99	Pk	32.1	-39.05	56.04	-	-	74	-17.96	304	274	V
2	** 2386.104	68.25	Pk	32.1	-39.11	61.24	-	-	74	-12.76	304	274	V
3	** 2390	50.1	RMS	32.1	-39.05	43.15	54	-10.85	-	-	304	274	V
4	** 2385.645	50.61	RMS	32.1	-39.08	43.63	54	-10.37	-	-	304	274	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT

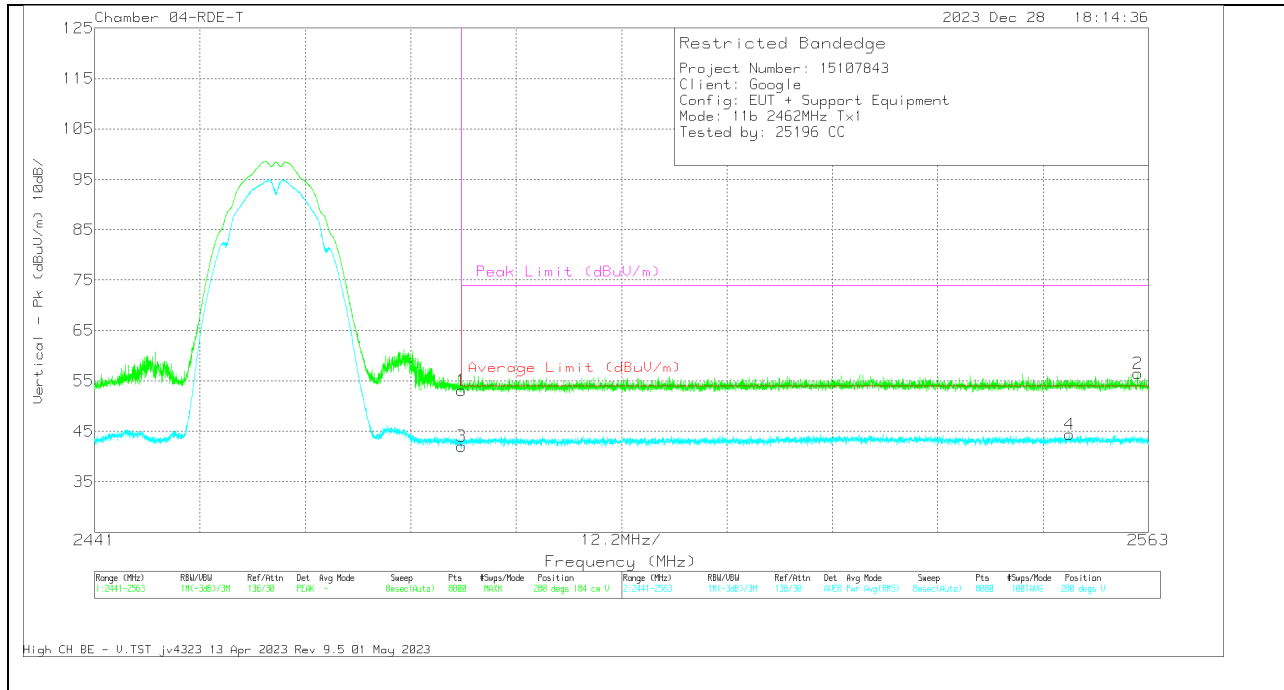


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	* ** 2483.5	63.19	PK	32.2	-38.87	56.52	-	-	74	-17.48	254	374	H
2	* ** 2487.915	66.22	PK	32.3	-38.77	59.75	-	-	74	-14.25	254	374	H
3	* ** 2483.5	51.12	RMS	32.2	-38.87	44.45	54	-9.55	-	-	254	374	H
4	* ** 2484.956	53.07	RMS	32.2	-38.79	46.48	54	-7.52	-	-	254	374	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



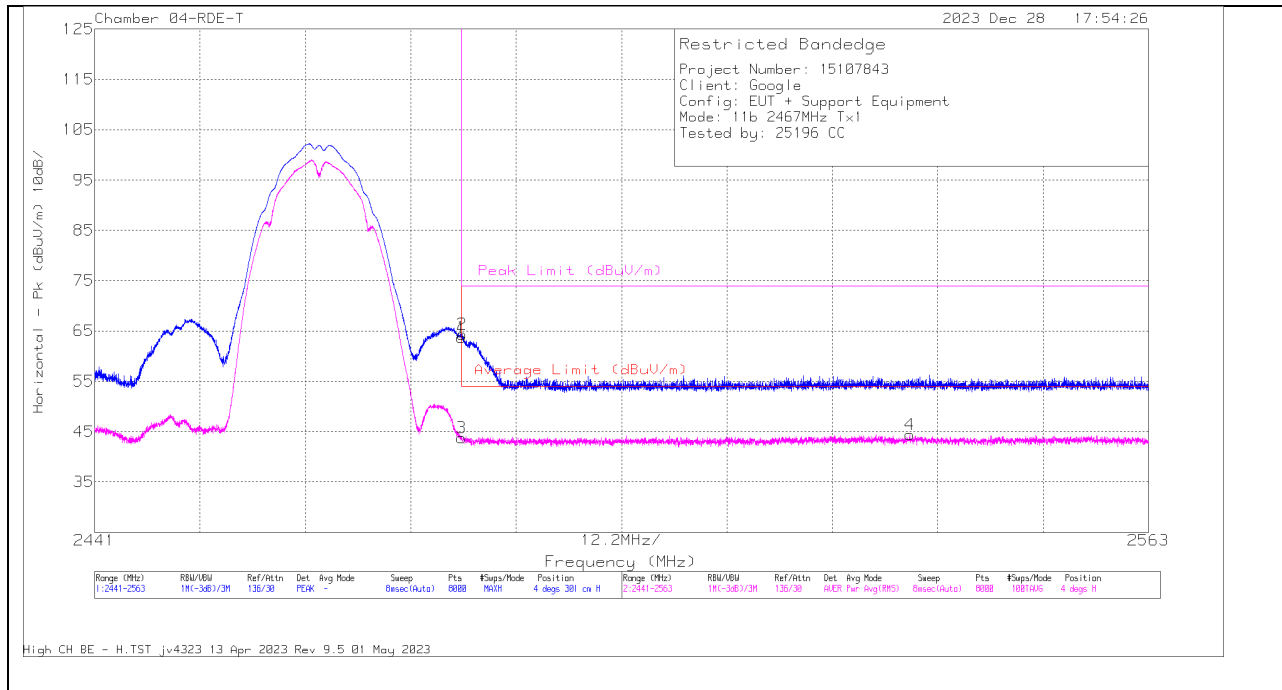
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2483.5	59.74	Pk	32.2	-38.87	53.07	-	-	74	-20.93	280	184	V
2	** 2561.735	62.72	Pk	32.2	-38.46	56.46	-	-	74	-17.54	280	184	V
3	*** 2483.5	48.74	RMS	32.2	-38.87	42.07	54	-11.93	-	-	280	184	V
4	** 2553.88	50.57	RMS	32.3	-38.44	44.43	54	-9.57	-	-	280	184	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT

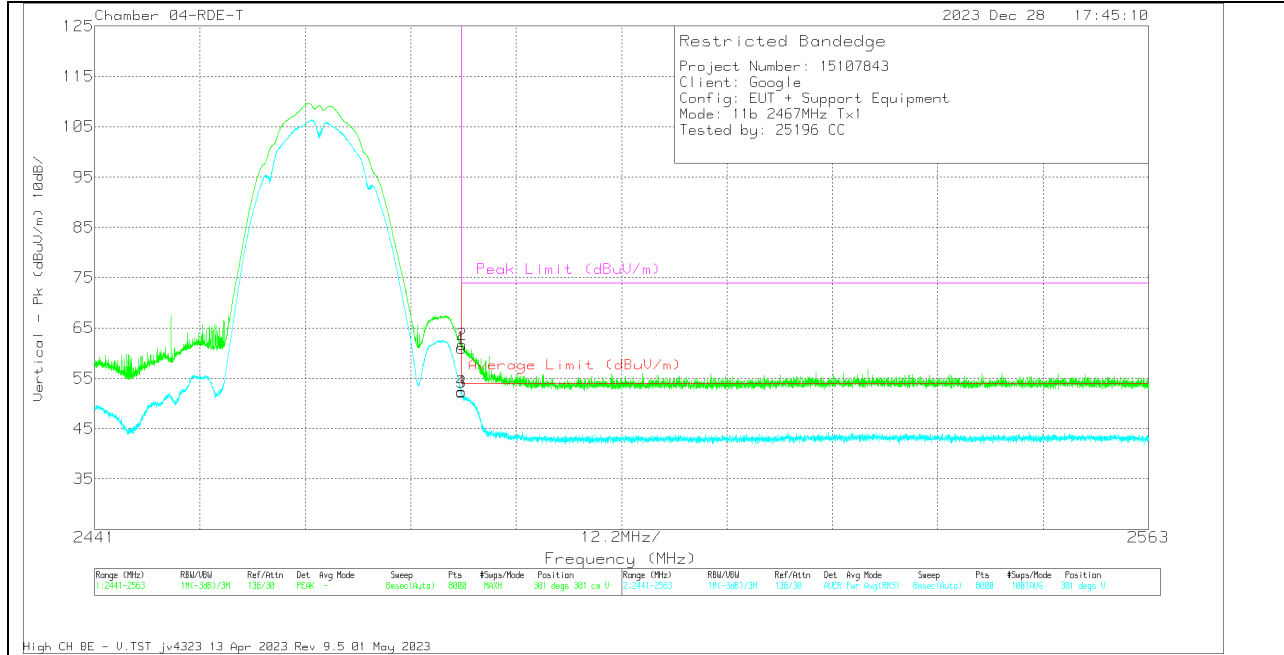


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	** 2483.5	70.36	Pk	32.2	-38.87	63.69	-	-	74	-10.31	4	301	H
2	** 2483.568	70.98	Pk	32.2	-38.87	64.31	-	-	74	-9.69	4	301	H
3	** 2483.5	50.47	RMS	32.2	-38.87	43.8	54	-10.2	-	-	4	301	H
4	** 2535.379	50.56	RMS	32.3	-38.46	44.4	54	-9.6	-	-	4	301	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



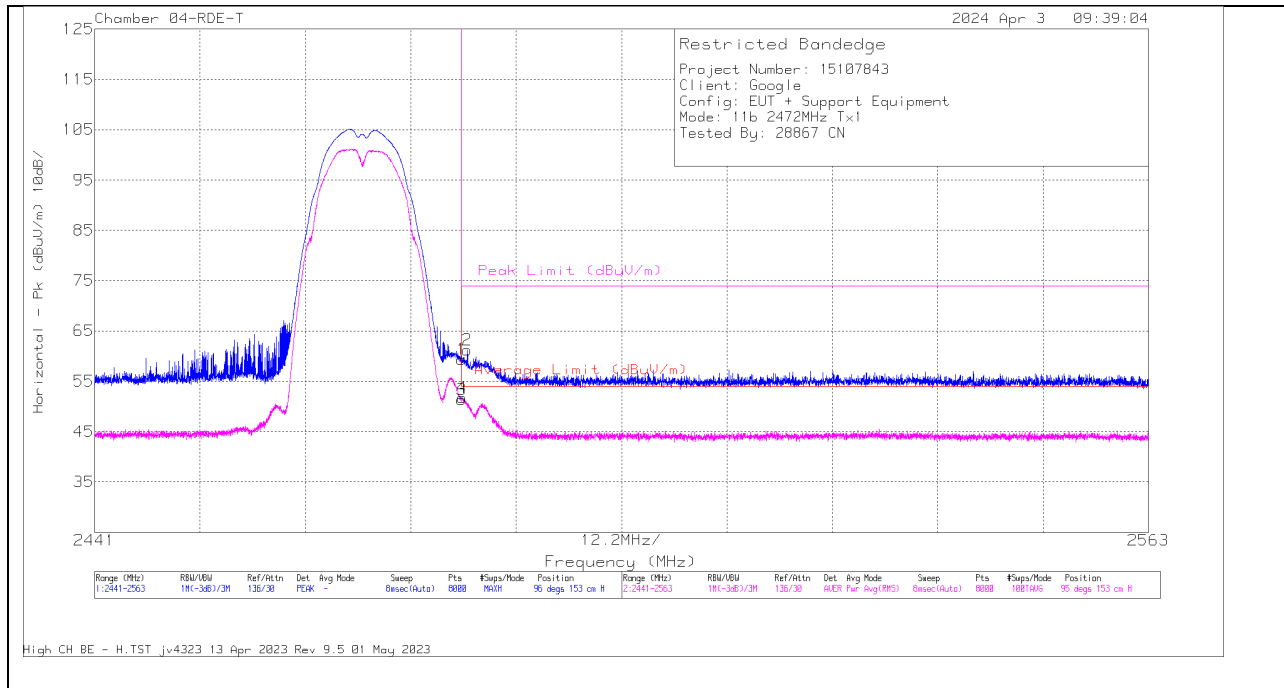
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	** 2483.5	67.71	Pk	32.2	-38.87	61.04	-	-	74	-12.96	301	301	V
2	** 2483.568	68.35	Pk	32.2	-38.87	61.68	-	-	74	-12.32	301	301	V
3	** 2483.5	58.91	RMS	32.2	-38.87	52.24	54	-1.76	-	-	301	301	V
4	** 2483.507	59.04	RMS	32.2	-38.87	52.37	54	-1.63	-	-	301	301	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT

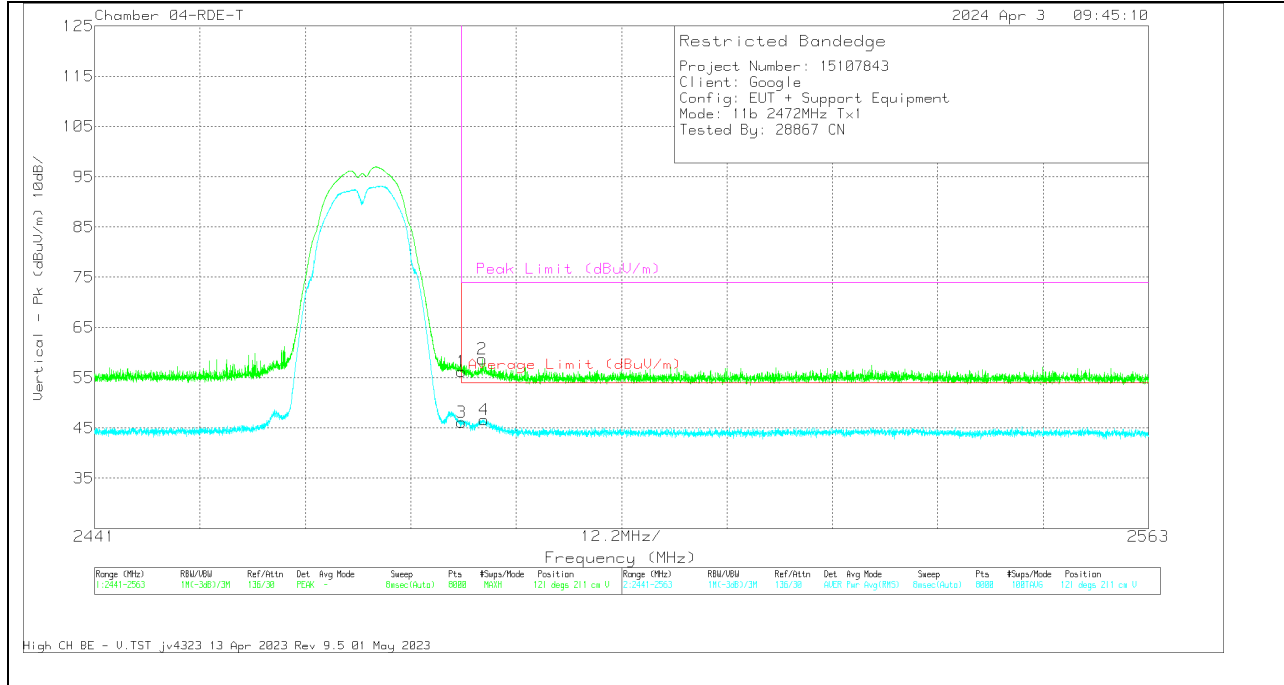


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (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)	Polarit y
1	***2483.5	64.86	Pk	33.4	-38.87	59.39	-	-	74	-14.61	96	153	H
2	**2484.117	66.75	Pk	33.4	-38.89	61.26	-	-	74	-12.74	96	153	H
3	***2483.5	56.86	RMS	33.4	-38.87	51.39	54	-2.61	-	-	95	153	H
4	***2483.523	57.2	RMS	33.4	-38.87	51.73	54	-2.27	-	-	95	153	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



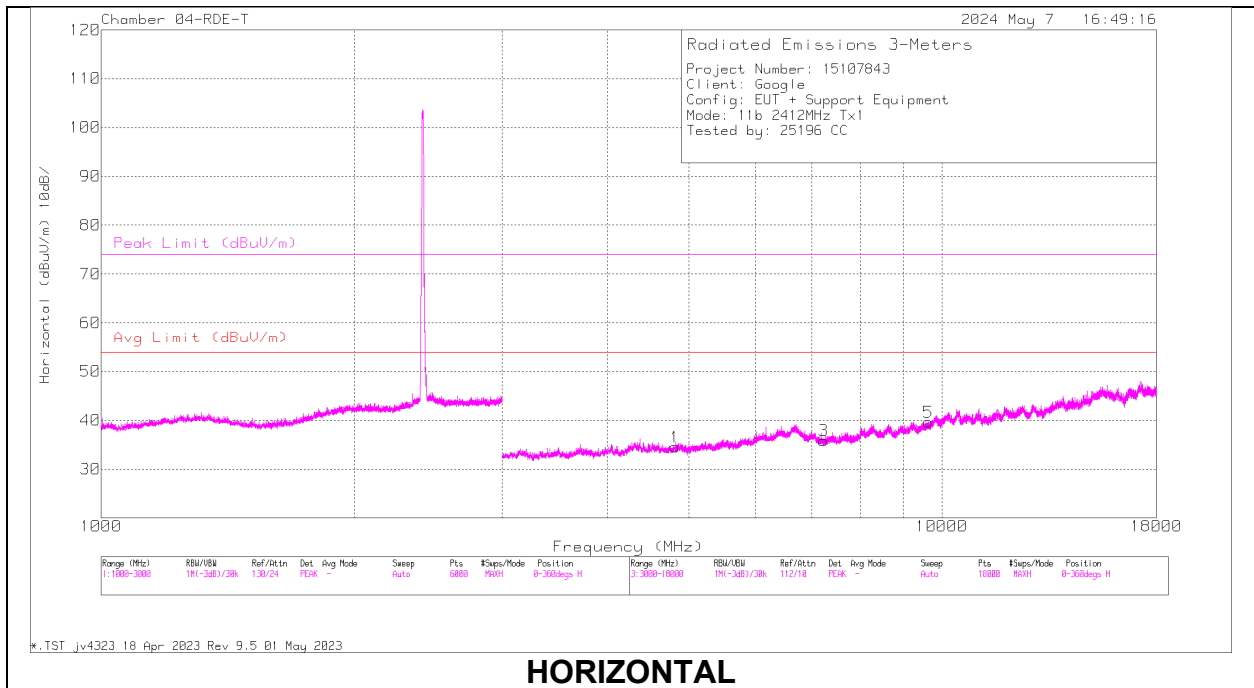
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (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	*** 2483.5	61.69	Pk	33.4	-38.87	56.22	-	-	74	-17.78	121	211	V
2	*** 2485.856	64.12	PK	33.4	-38.8	58.72	-	-	74	-15.28	121	211	V
3	*** 2483.5	51.6	RMS	33.4	-38.87	46.13	54	-7.87	-	-	121	211	V
4	*** 2486.115	52.07	RMS	33.4	-38.8	46.67	54	-7.33	-	-	121	211	V

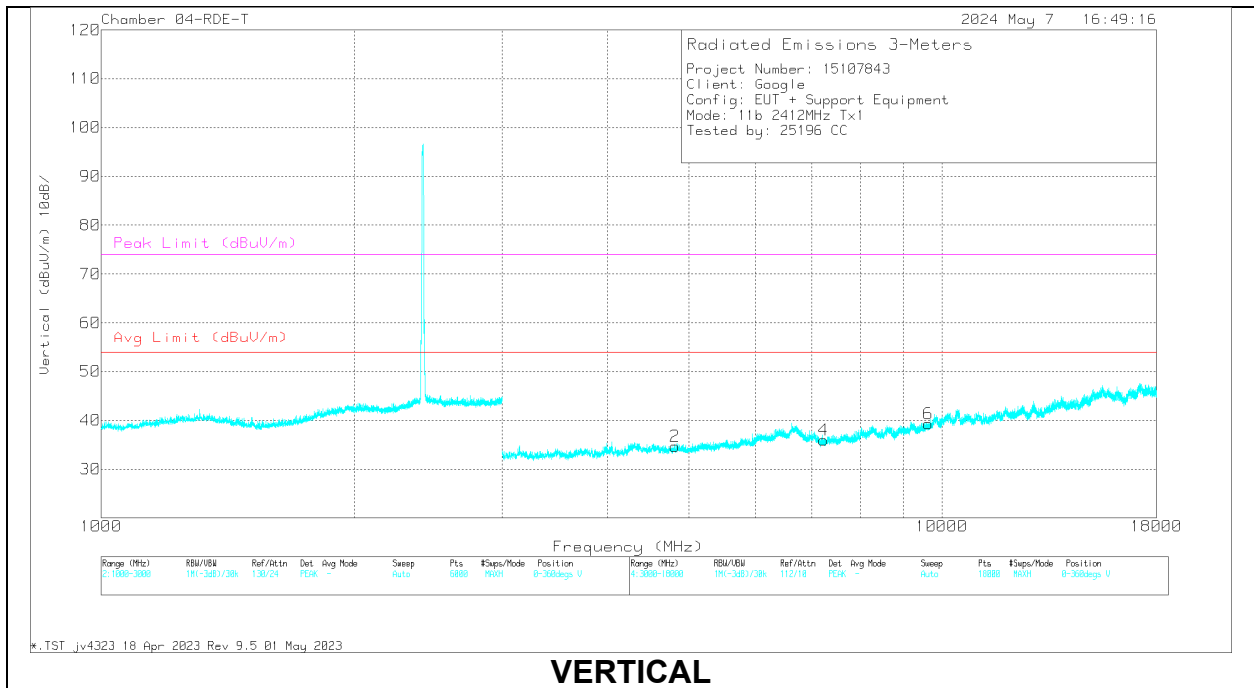
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 4818.614	57.37	PK2	34	-46.63	44.74	-	-	74	-29.26	136	371	H
	** 4818.383	45.84	MAv1	34	-46.61	33.23	54	-20.77	-	-	136	371	H
2	** 4815.153	57.33	PK2	34	-46.87	44.46	-	-	74	-29.54	155	313	V
	** 4814.667	46.02	MAv1	34	-46.9	33.12	54	-20.88	-	-	155	313	V
3	7230.865	61.42	PK2	35.4	-44.66	52.16	-	-	74	-21.84	258	299	H
4	7234.287	54.72	PK2	35.4	-44.58	45.54	-	-	74	-28.46	284	118	V
5	9630.238	54.34	PK2	36.7	-42.31	48.73	-	-	74	-25.27	72	388	H
6	9633.056	54.53	PK2	36.7	-42.19	49.04	-	-	74	-24.96	17	329	V

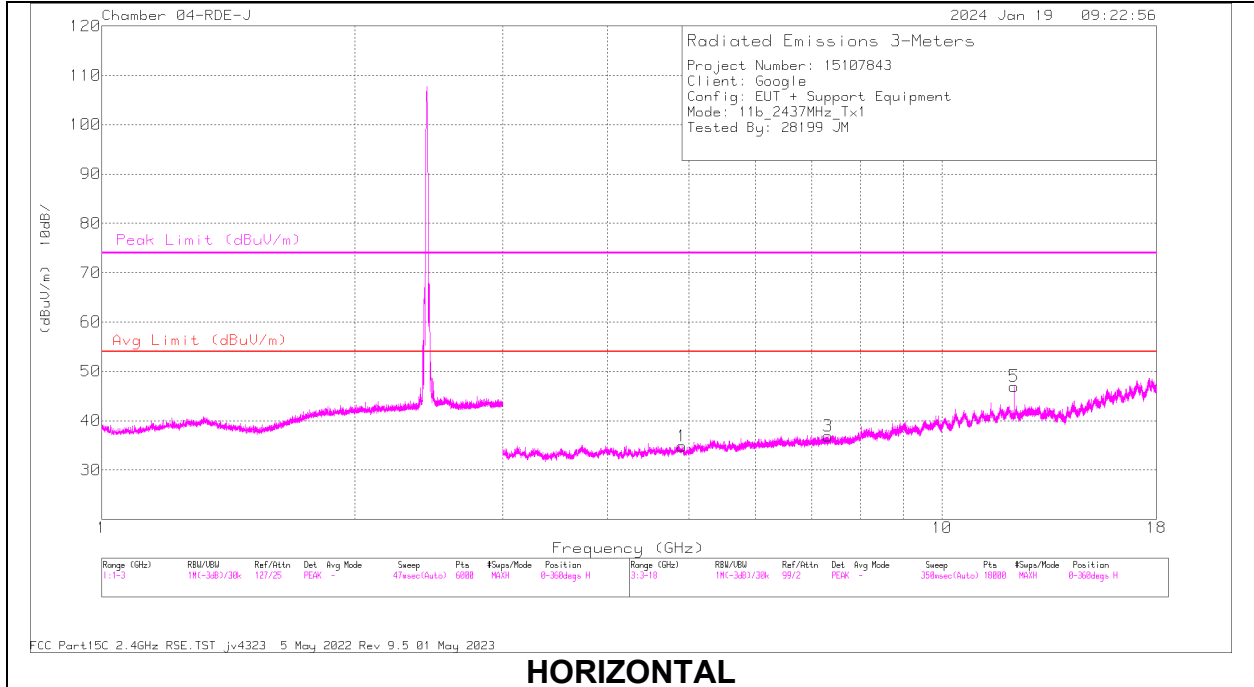
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

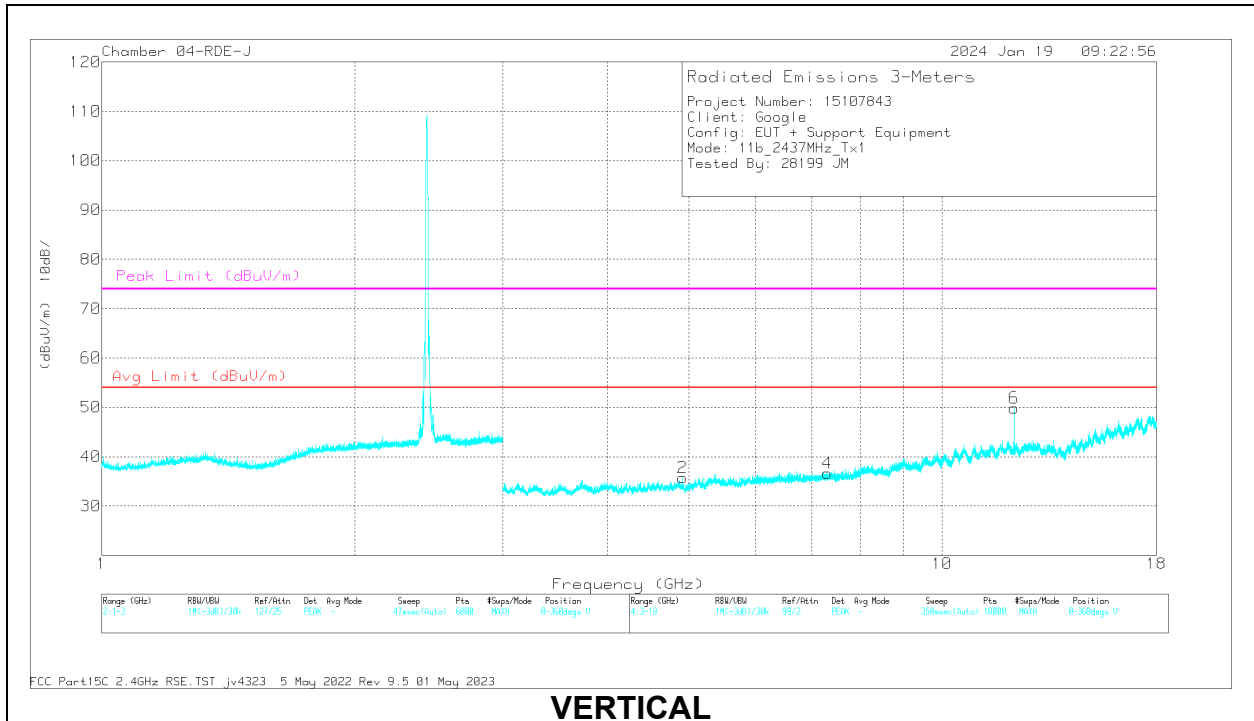
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.902462	54.78	PK2	34.1	-44.4	44.48	-	-	74	-29.52	151	264	H
	*** 4.904812	43.43	MAv1	34.1	-44.4	33.13	54	-20.87	-	-	151	264	H
2	*** 4.859132	55.09	PK2	34	-44.6	44.49	-	-	74	-29.51	316	281	V
	*** 4.85786	43.89	MAv1	34	-44.6	33.29	54	-20.71	-	-	316	281	V
3	*** 7.282897	53.13	PK2	35.8	-42.5	46.43	-	-	74	-27.57	322	296	H
	*** 7.286169	41.72	MAv1	35.8	-42.5	35.02	54	-18.98	-	-	322	296	H
4	*** 7.309882	64.86	PK2	35.8	-42.3	58.36	-	-	74	-15.64	322	326	V
	*** 7.289799	41.52	MAv1	35.8	-42.5	34.82	54	-19.18	-	-	322	326	V
5	*** 12.183563	52.22	PK2	38.8	-39.6	51.42	-	-	74	-22.58	26	384	H
	*** 12.187013	40.95	MAv1	38.8	-39.6	40.15	54	-13.85	-	-	26	384	H
6	*** 12.166589	52.73	PK2	38.8	-39.9	51.63	-	-	74	-22.37	89	337	V
	*** 12.160962	40.9	MAv1	38.8	-39.9	39.8	54	-14.2	-	-	89	337	V

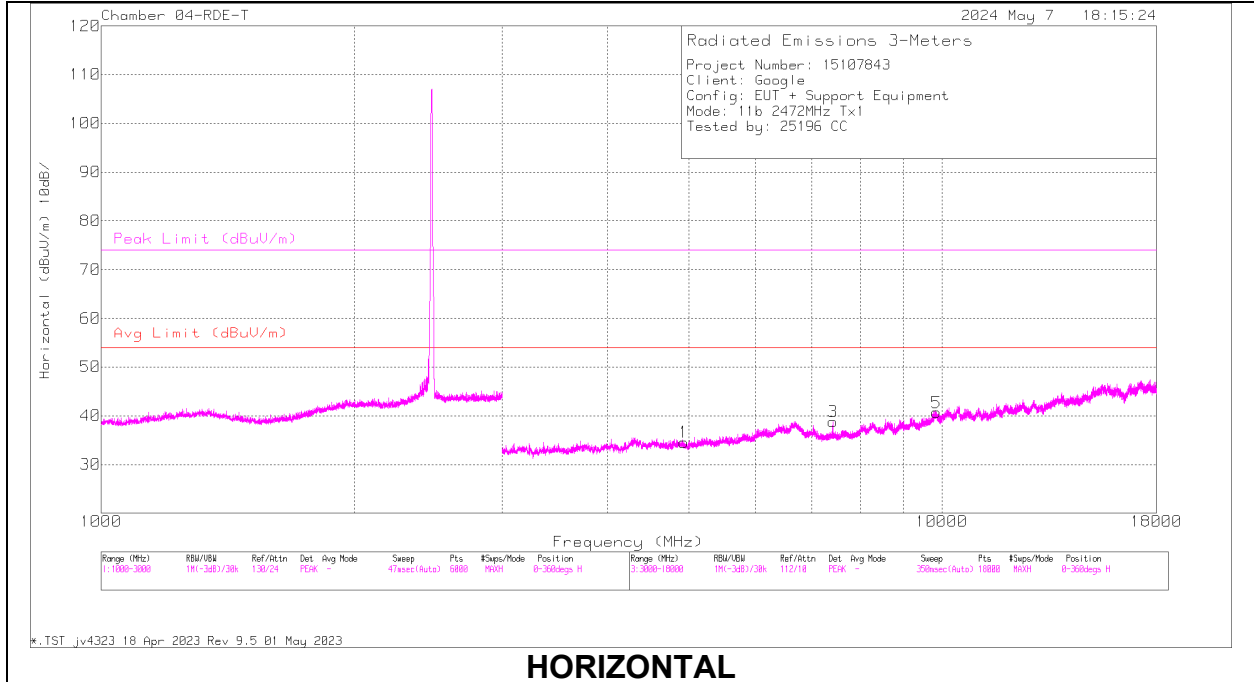
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

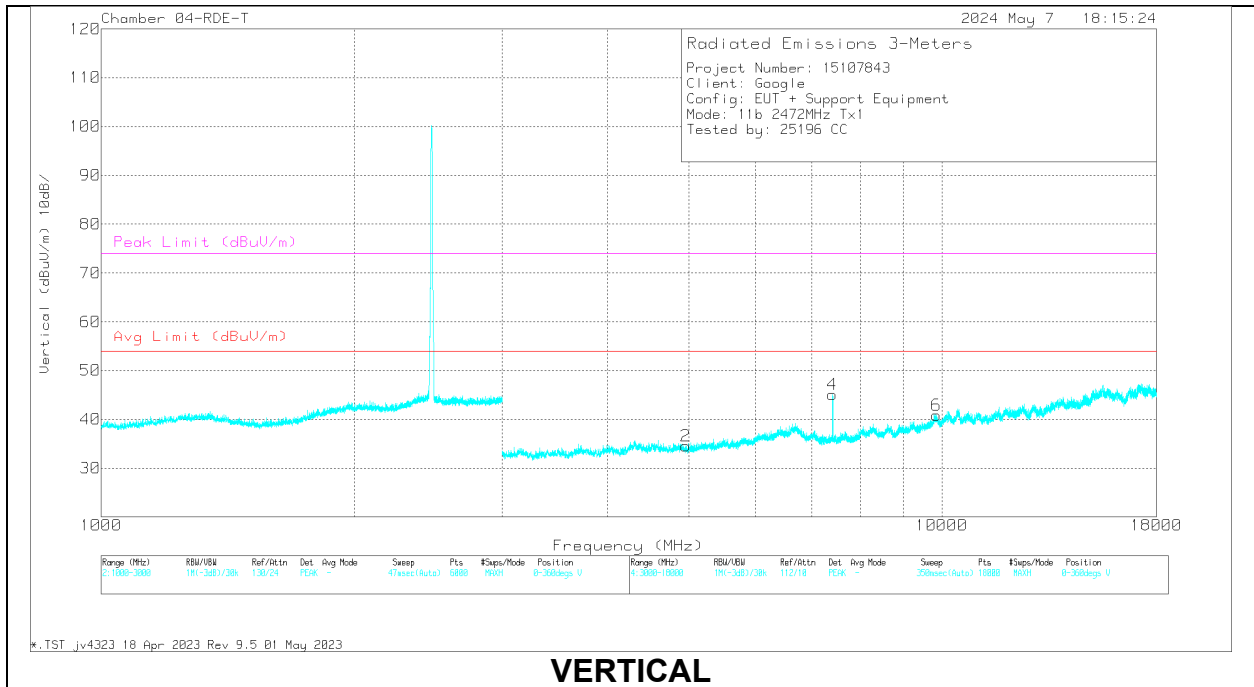
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4931.687	57.66	PK2	34	-46.64	45.02	-	-	74	-28.98	223	345	H
	*** 4932.568	45.73	MAv1	34	-46.61	33.12	54	-20.88	-	-	223	345	H
3	*** 7415.374	74.65	PK2	35.4	-44.42	65.63	-	-	74	-8.37	60	156	H
	*** 7417.33	43.61	MAv1	35.4	-44.42	34.59	54	-19.41	-	-	60	156	H
2	** 4961.044	56.85	PK2	34.1	-46.71	44.24	-	-	74	-29.76	24	213	V
	** 4961.378	45.36	MAv1	34.1	-46.71	32.75	54	-21.25	-	-	24	213	V
4	** 7414.842	56.23	PK2	35.4	-44.42	47.21	-	-	74	-26.79	39	124	V
	*** 7414.851	44.14	MAv1	35.4	-44.42	35.12	54	-18.88	-	-	39	124	V
5	9854.052	55.32	PK2	37.4	-41.88	50.84	-	-	74	-23.16	116	224	H
6	9860.862	55.11	PK2	37.4	-41.69	50.82	-	-	74	-23.18	234	211	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

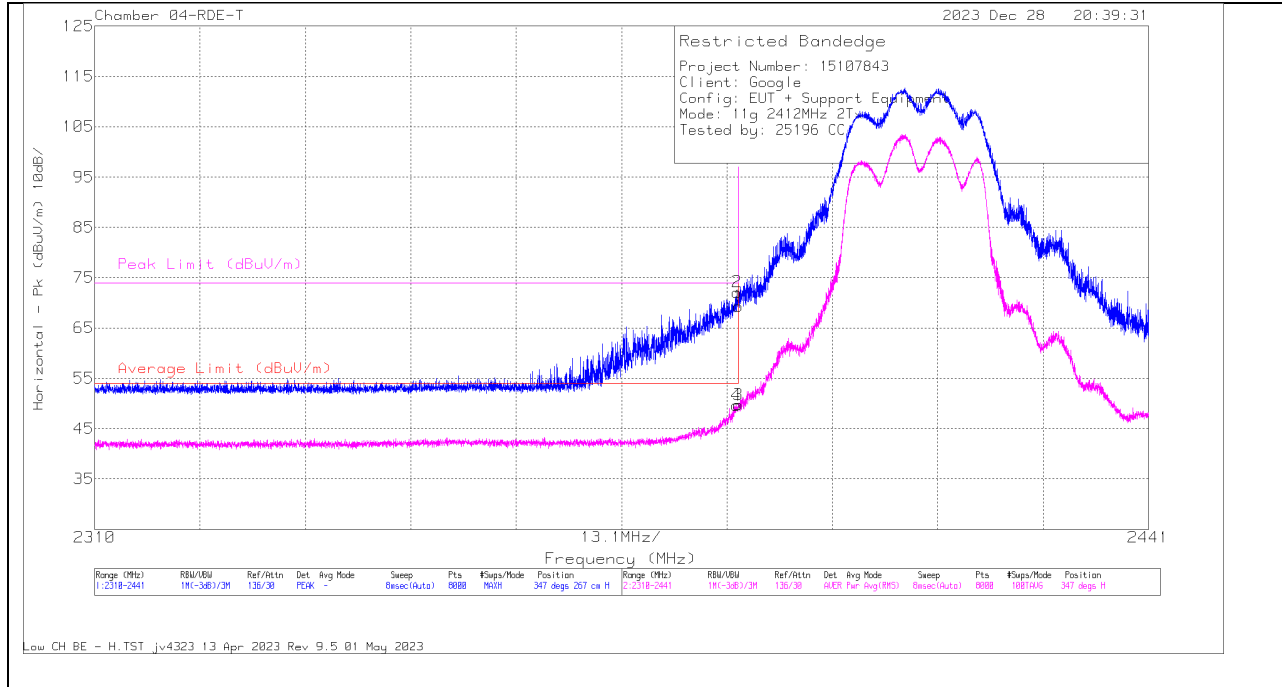
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

2TX

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT

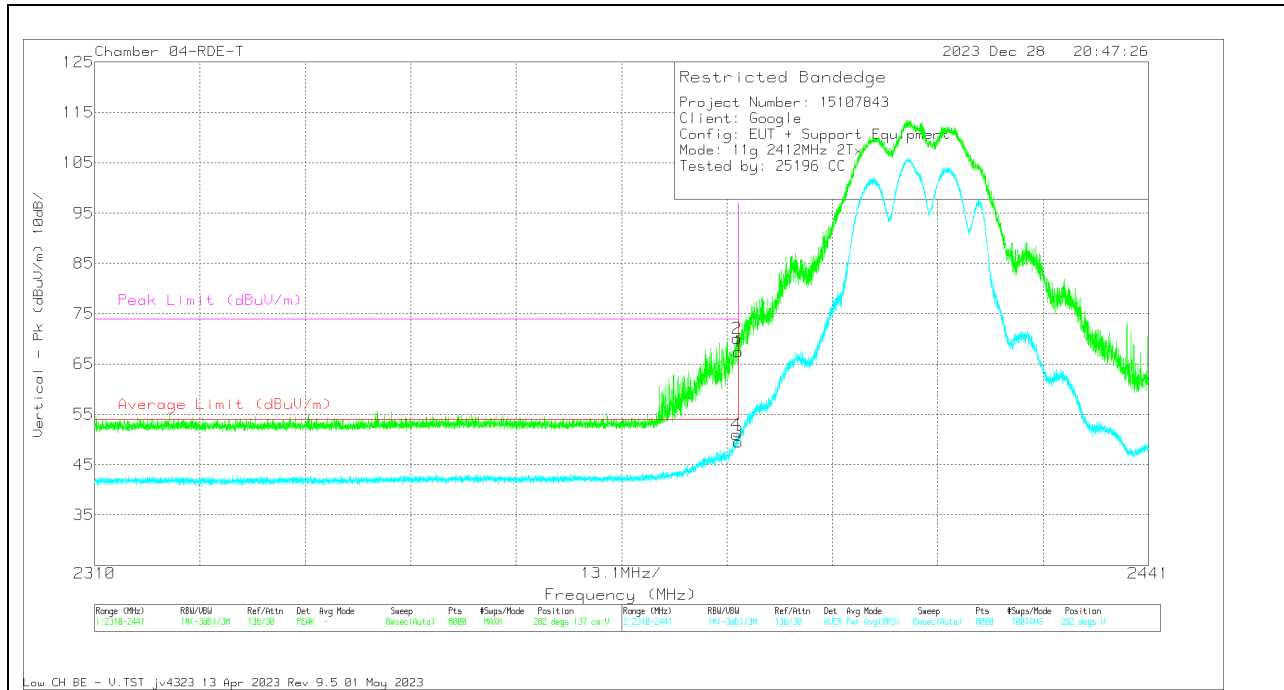


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	** 2390	76.28	Pk	32.1	-39.05	69.33	-	-	74	-4.67	347	267	H
2	** 2389.838	79.08	PK	32.1	-39.05	72.13	-	-	74	-1.87	347	267	H
3	** 2390	56.68	RMS	32.1	-39.05	49.73	54	-4.27	-	-	347	267	H
4	** 2389.772	56.64	RMS	32.1	-39.06	49.68	54	-4.32	-	-	347	267	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



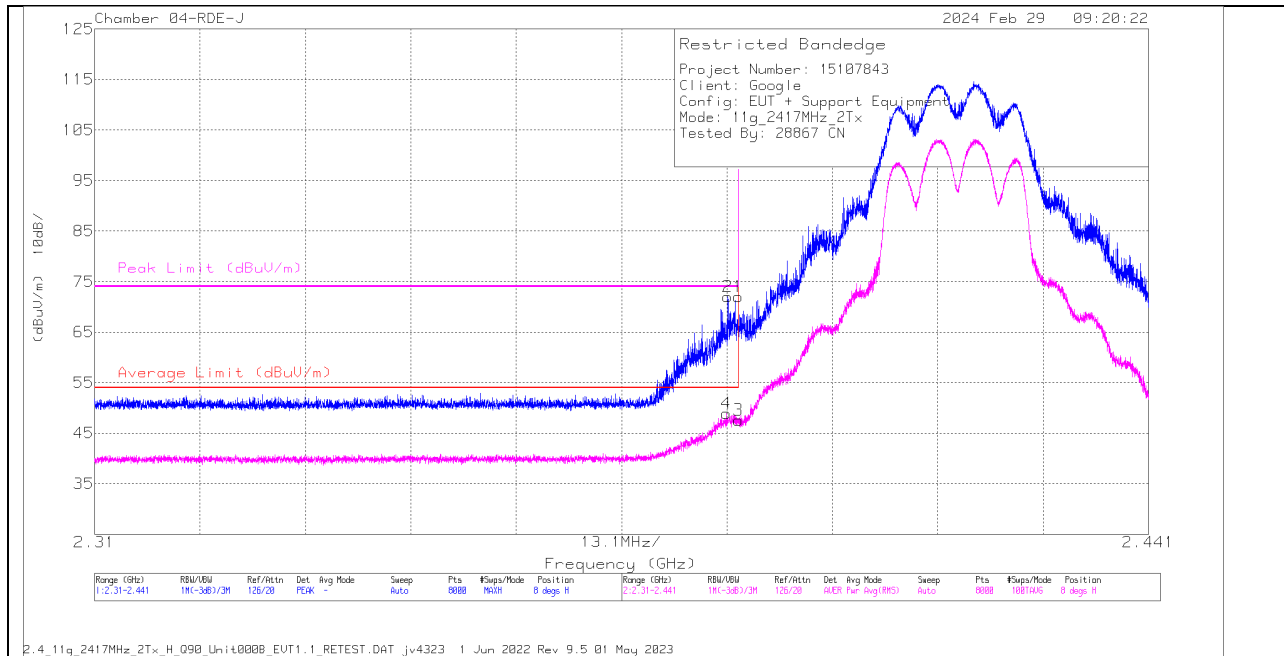
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2390	74.37	Pk	32.1	-39.05	67.42	-	-	74	-6.58	282	137	V
2	*** 2389.871	76.97	Pk	32.1	-39.05	70.02	-	-	74	-3.98	282	137	V
3	*** 2390	56.42	RMS	32.1	-39.05	49.47	54	-4.53	-	-	282	137	V
4	*** 2389.756	57.95	RMS	32.1	-39.06	50.99	54	-3.01	-	-	282	137	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT

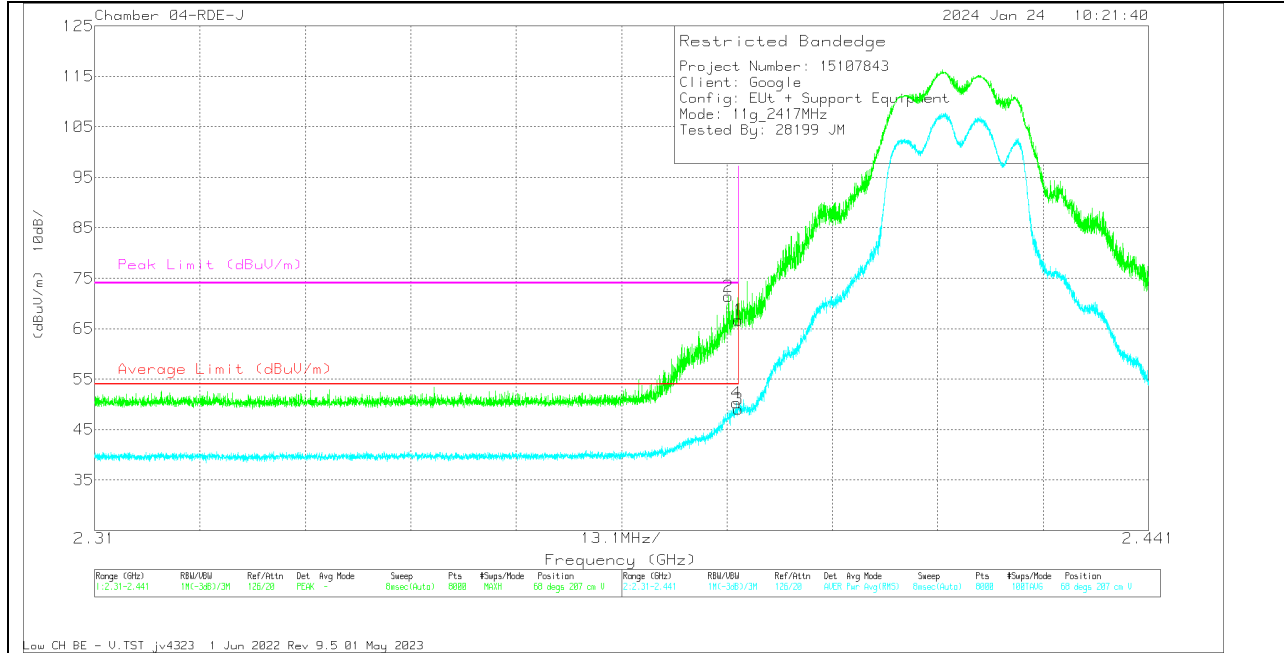


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 2.39	77.17	Pk	32	-37.1	72.07	-	-	74	-1.93	8	295	H
2	** 2.388724	77.16	Pk	32	-37.1	72.06	-	-	74	-1.94	8	295	H
3	** 2.39	52.72	RMS	32	-37.1	47.62	54	-6.38	-	-	8	295	H
4	** 2.388544	54	RMS	32	-37.1	48.9	54	-5.1	-	-	8	295	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



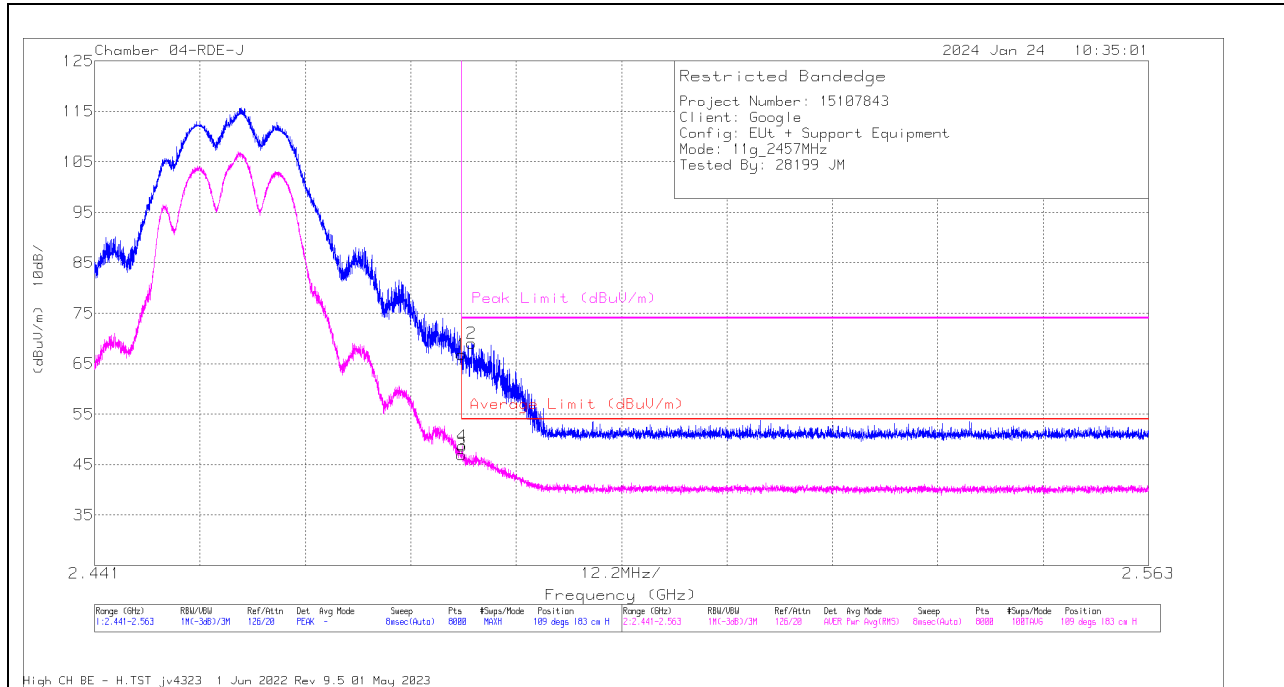
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dBm)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 2.39	71.74	Pk	32	-37.1	66.64	-	-	74	-7.36	68	207	V
2	** 2.38879	76.55	Pk	32	-37.1	71.45	-	-	74	-2.55	68	207	V
3	** 2.39	54.14	RMS	32	-37.1	49.04	54	-4.96	-	-	68	207	V
4	** 2.389772	55.38	RMS	32	-37.1	50.28	54	-3.72	-	-	68	207	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT

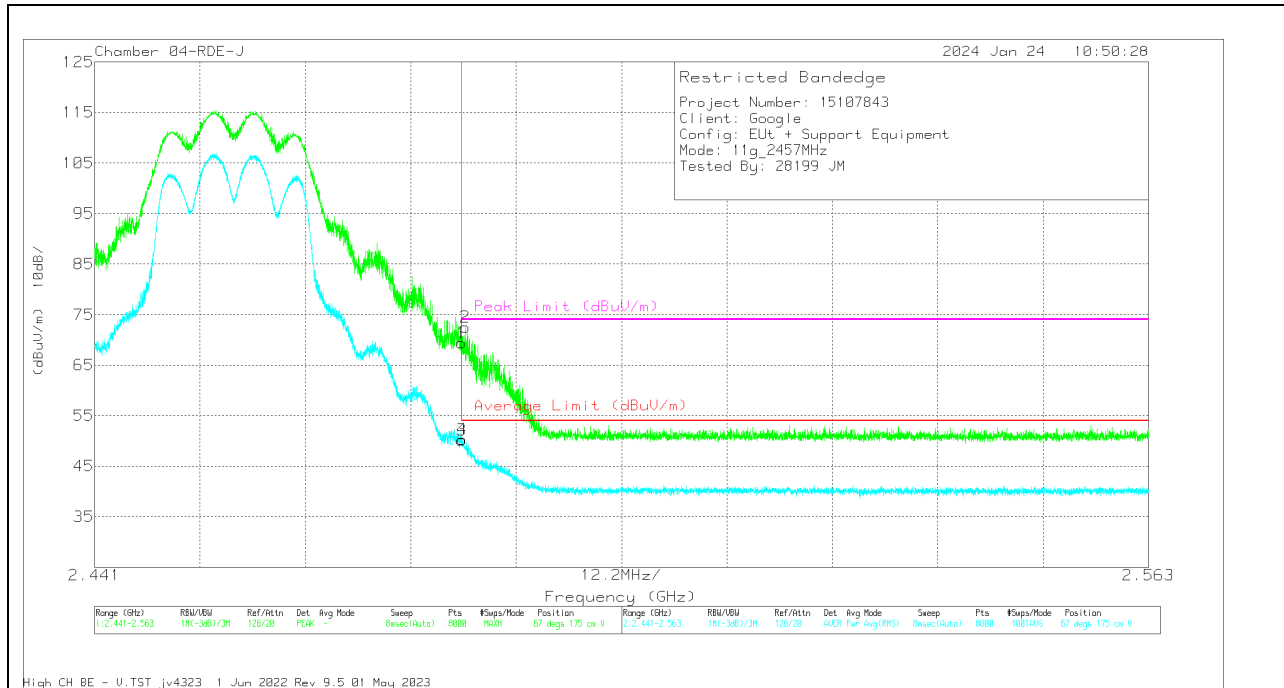


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (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	71.66	Pk	32.2	-37	66.86	-	-	74	-7.14	109	183	H
2	*** 2.484636	73.79	Pk	32.3	-37	69.09	-	-	74	-4.91	109	183	H
3	*** 2.4835	51.75	RMS	32.2	-37	46.95	54	-7.05	-	-	109	183	H
4	*** 2.483568	53.49	RMS	32.2	-37	48.69	54	-5.31	-	-	109	183	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



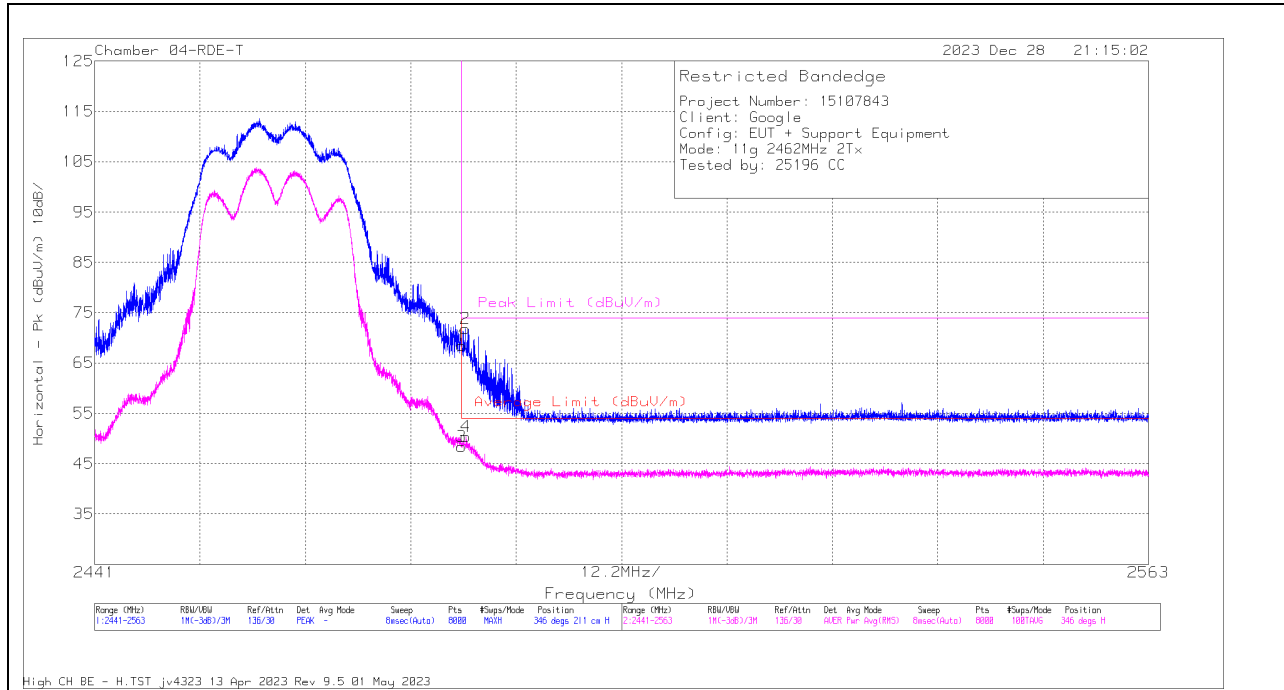
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (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	74.18	Pk	32.2	-37	69.38	-	-	74	-4.62	67	175	V
2	*** 2.483919	77.19	Pk	32.3	-37	72.49	-	-	74	-1.51	67	175	V
3	*** 2.4835	54.94	RMS	32.2	-37	50.14	54	-3.86	-	-	67	175	V
4	*** 2.483538	55.05	RMS	32.2	-37	50.25	54	-3.75	-	-	67	175	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT

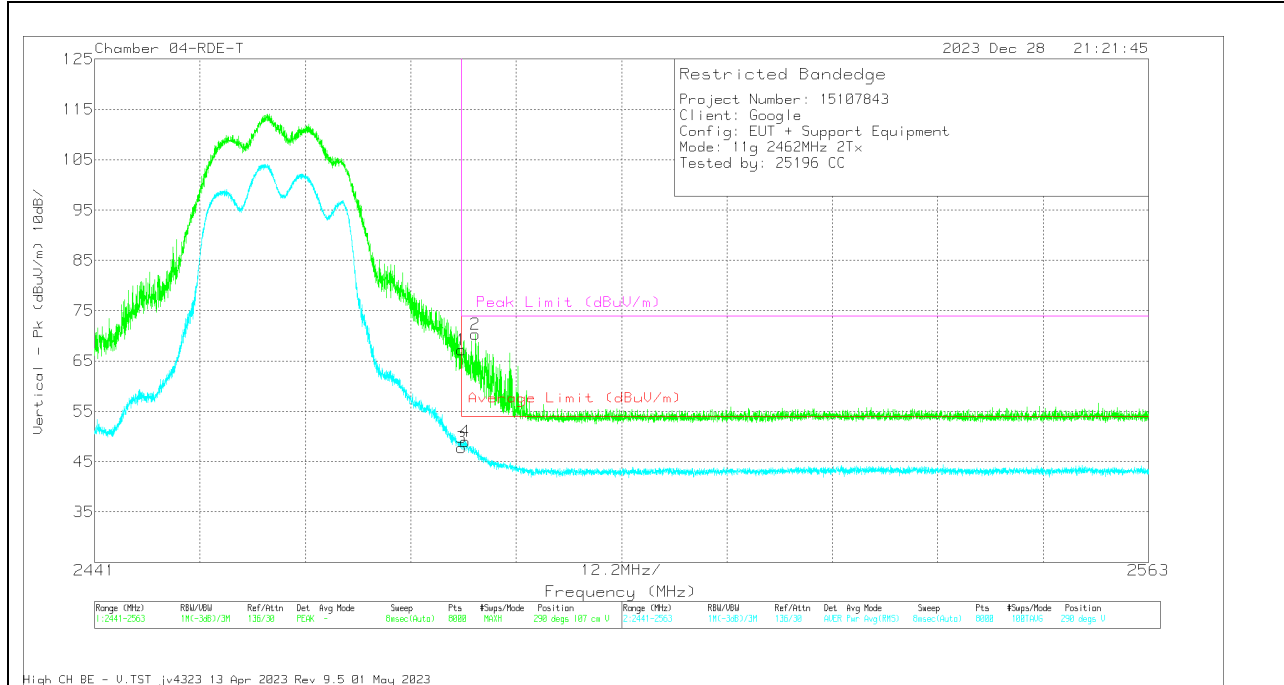


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2483.5	75.07	PK	32.2	-38.87	68.4	-	-	74	-5.6	346	211	H
2	*** 2483.919	78.53	PK	32.2	-38.9	71.83	-	-	74	-2.17	346	211	H
3	*** 2483.5	55.02	RMS	32.2	-38.87	48.35	54	-5.65	-	-	346	211	H
4	*** 2483.98	57.05	RMS	32.2	-38.9	50.35	54	-3.65	-	-	346	211	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



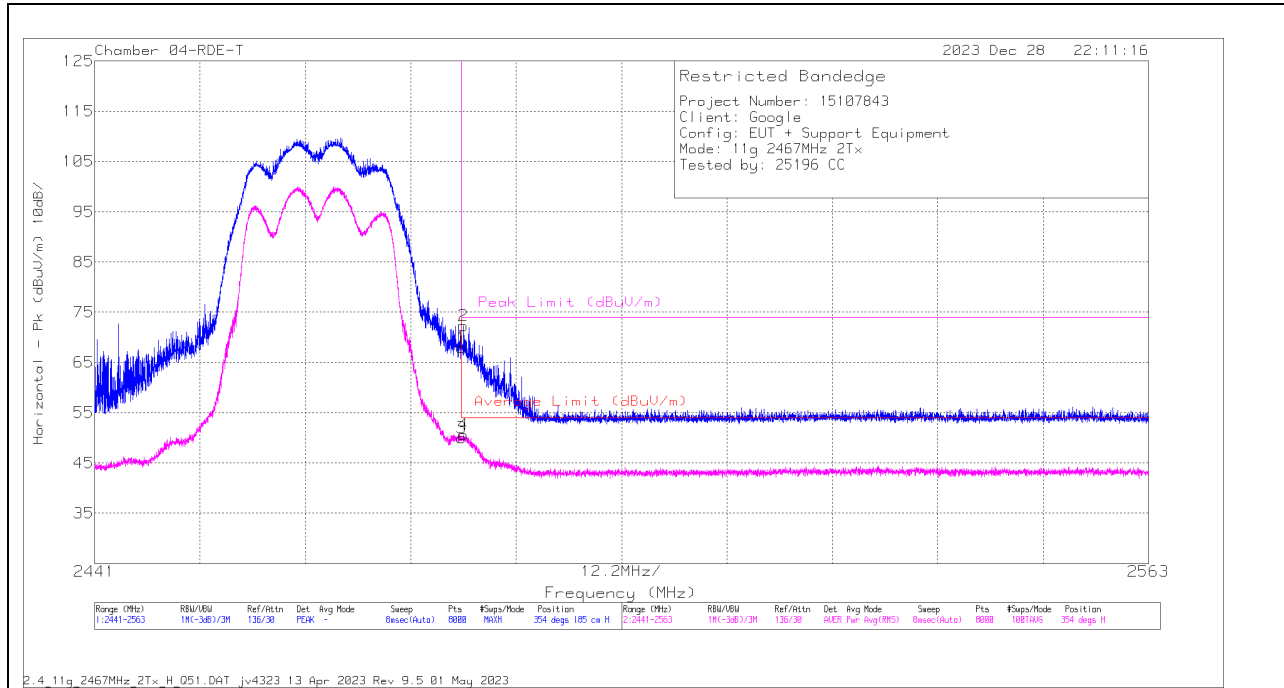
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	** 2483.5	73.86	Pk	32.2	-38.87	67.19	-	-	74	-6.81	290	107	V
2	** 2485.063	76.87	Pk	32.2	-38.79	70.28	-	-	74	-3.72	290	107	V
3	** 2483.5	54.42	RMS	32.2	-38.87	47.75	54	-6.25	-	-	290	107	V
4	** 2483.904	55.7	RMS	32.2	-38.89	49.01	54	-4.99	-	-	290	107	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT

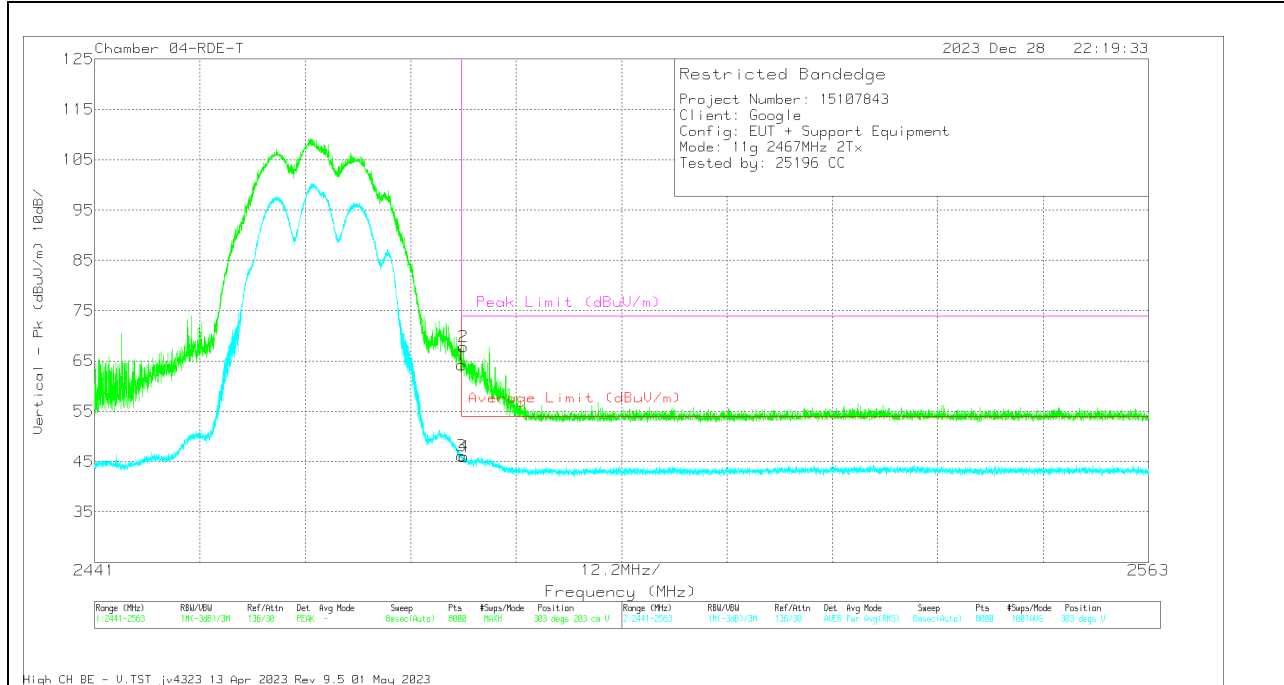


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2483.5	74.63	Pk	32.2	-38.87	67.96	-	-	74	-6.04	354	185	H
2	*** 2483.706	78.96	Pk	32.2	-38.88	72.28	-	-	74	-1.72	354	185	H
3	*** 2483.5	56.66	RMS	32.2	-38.87	49.99	54	-4.01	-	-	354	185	H
4	*** 2483.69	57.33	RMS	32.2	-38.88	50.65	54	-3.35	-	-	354	185	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



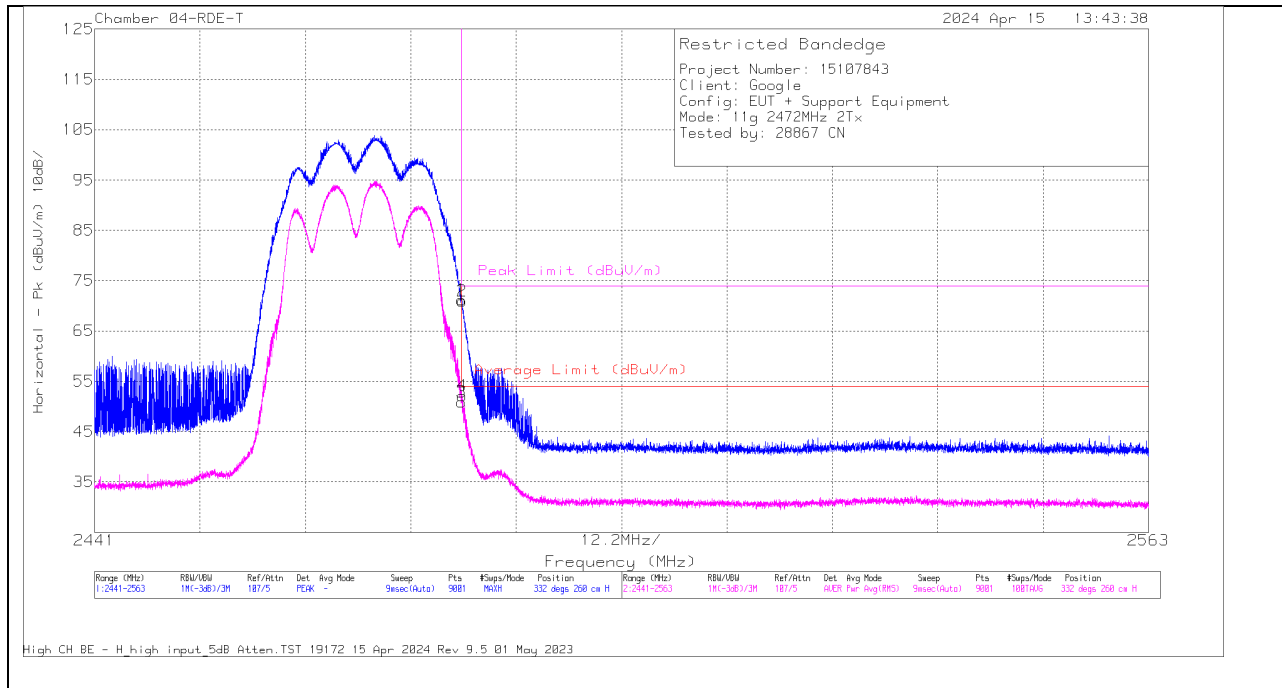
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	***2483.5	70.9	Pk	32.2	-38.87	64.23	-	-	74	-9.77	303	203	V
2	***2483.706	74.51	Pk	32.2	-38.88	67.83	-	-	74	-6.17	303	203	V
3	***2483.5	52.86	RMS	32.2	-38.87	46.19	54	-7.81	-	-	303	203	V
4	***2483.736	52.75	RMS	32.2	-38.88	46.07	54	-7.93	-	-	303	203	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT

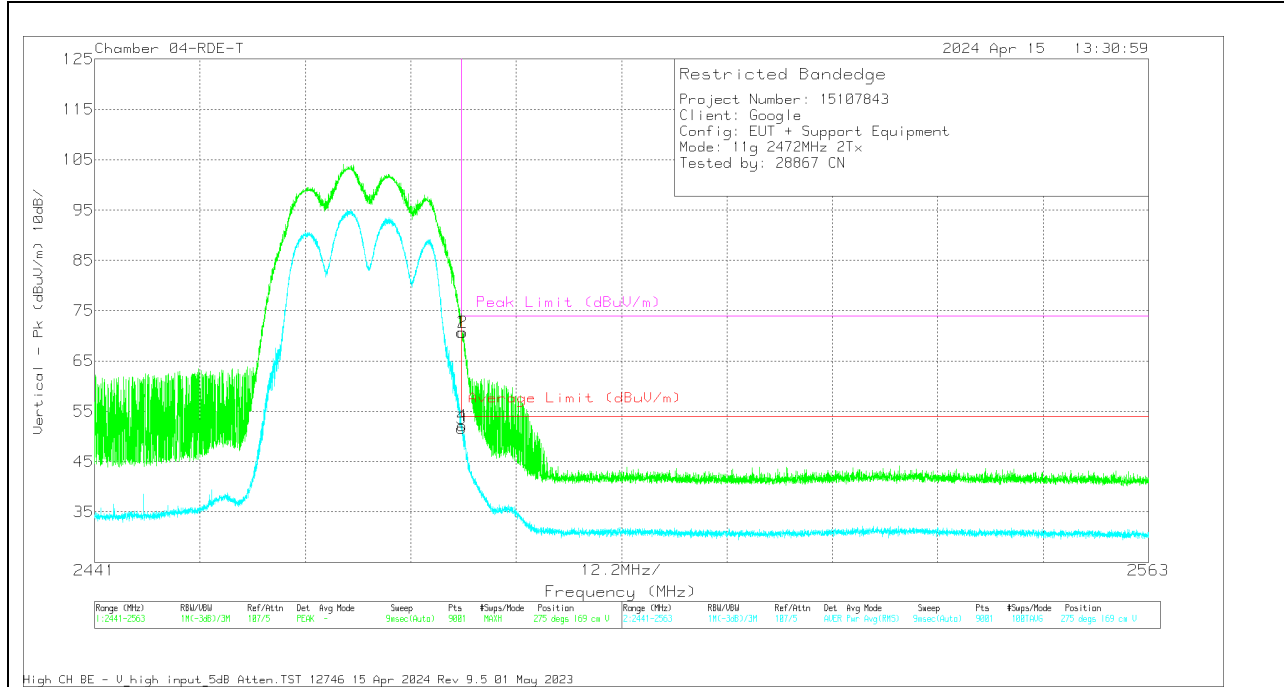


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (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	** 2483.5	64.12	Pk	33.4	-26.38	71.14	-	-	74	-2.86	332	260	H
3	** 2483.5	43.91	RMS	33.4	-26.38	50.93	54	-3.07	-	-	332	260	H
2	** 2483.512	63.87	Pk	33.4	-26.38	70.89	-	-	74	-3.11	332	260	H
4	** 2483.512	45.09	RMS	33.4	-26.38	52.11	54	-1.89	-	-	332	260	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



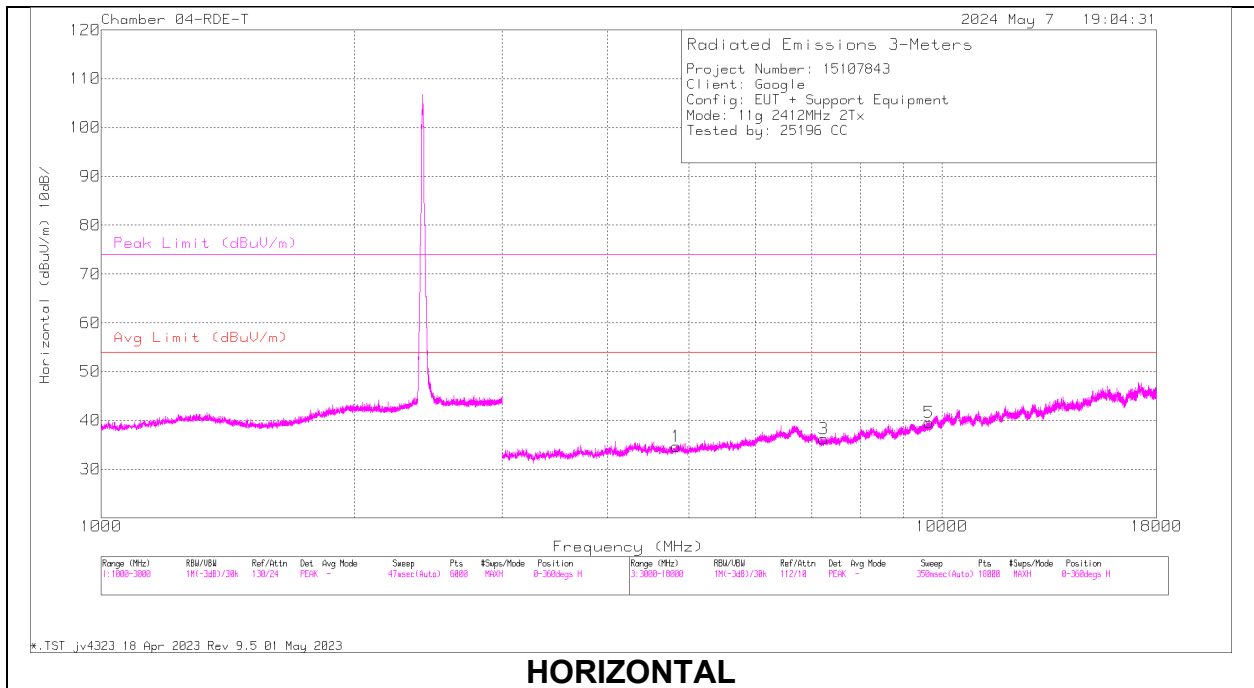
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (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	***2483.5	63.63	Pk	33.4	-26.38	70.65	-	-	74	-3.35	275	169	V
2	***2483.607	63.65	Pk	33.4	-26.39	70.66	-	-	74	-3.34	275	169	V
3	***2483.5	44.64	RMS	33.4	-26.38	51.66	54	-2.34	-	-	275	169	V
4	**2483.512	45.15	RMS	33.4	-26.38	52.17	54	-1.83	-	-	275	169	V

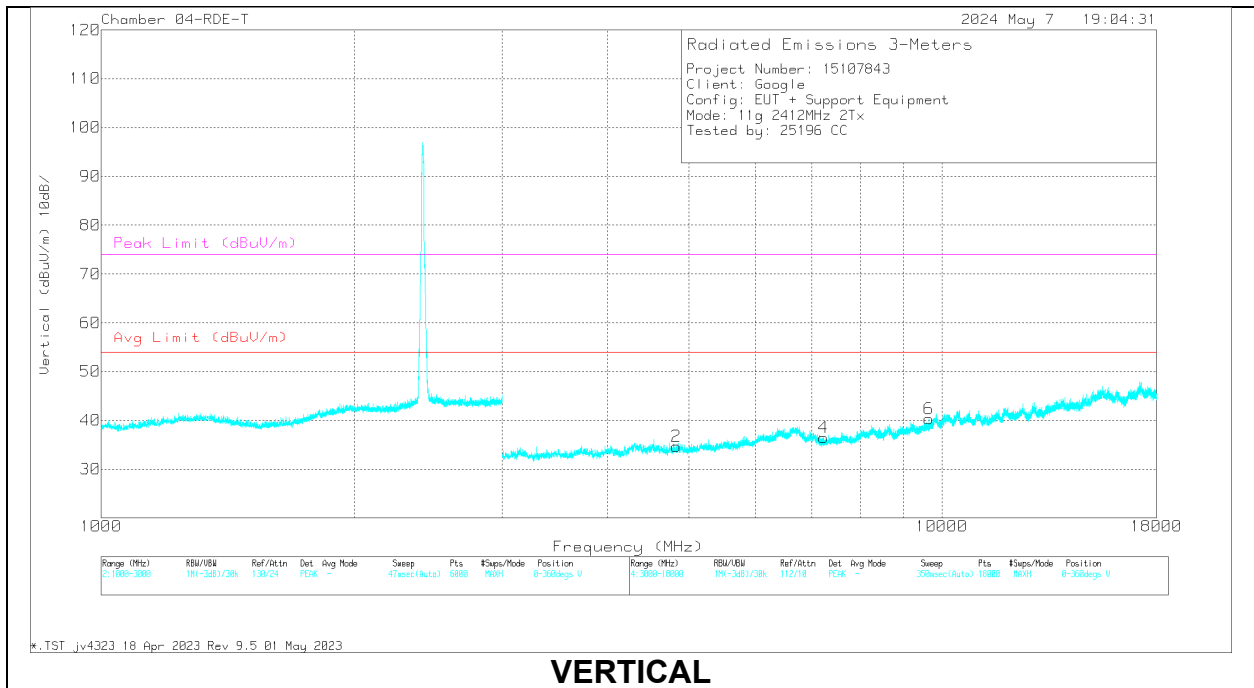
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

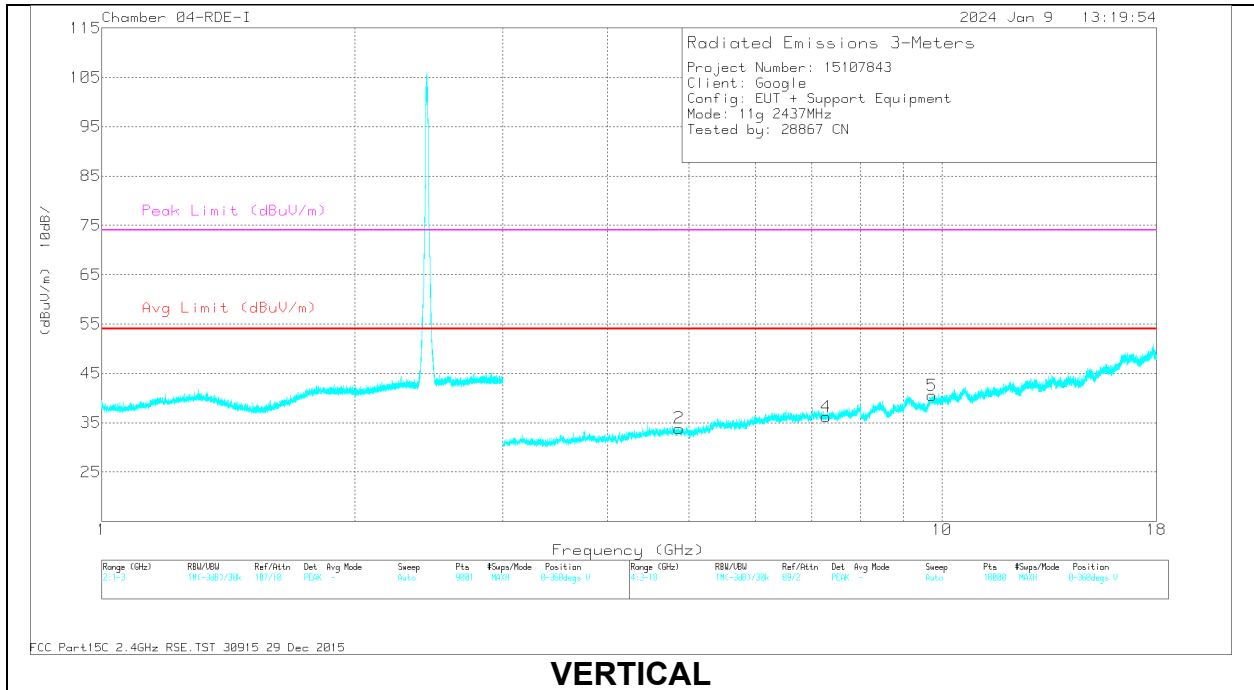
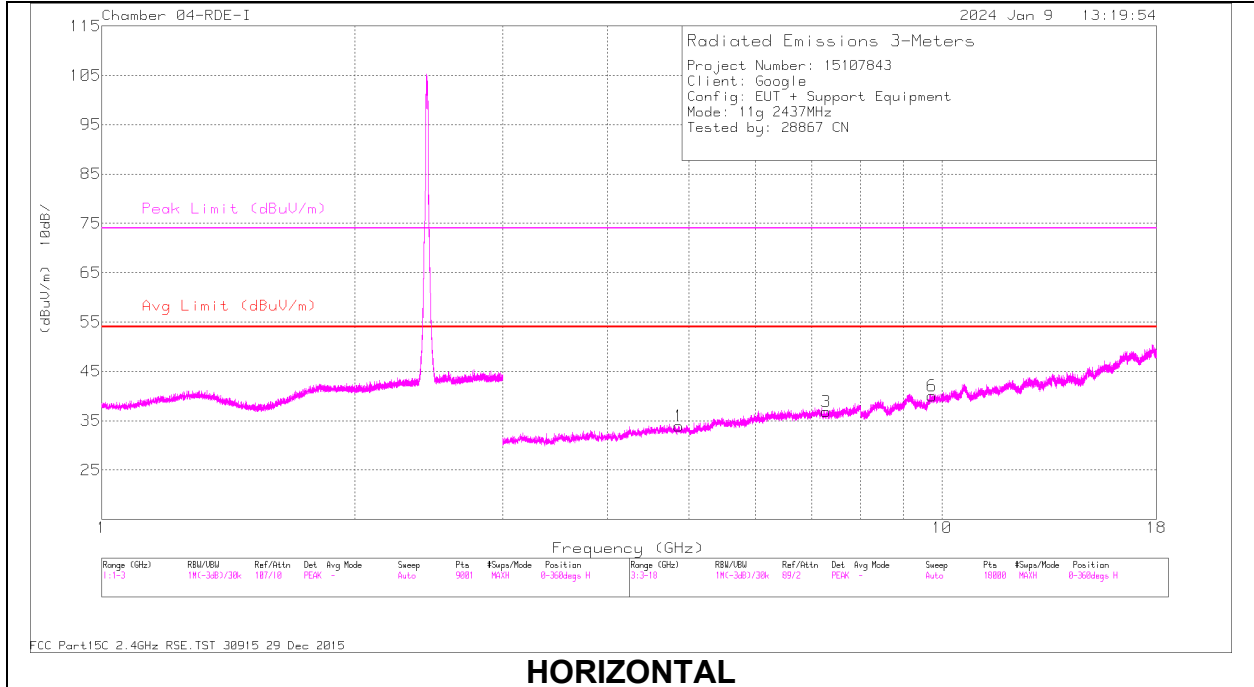
RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4833.603	57.3	PK2	34	-46.78	44.52	-	-	74	-29.48	45	202	H
	*** 4836.319	45.97	MAv1	34	-46.91	33.06	54	-20.94	-	-	45	202	H
2	*** 4828.177	57.87	PK2	34	-46.9	44.97	-	-	74	-29.03	49	314	V
	*** 4827.146	45.89	MAv1	34	-46.79	33.1	54	-20.9	-	-	49	314	V
3	7236.429	55.05	PK2	35.4	-44.55	45.9	-	-	74	-28.1	334	371	H
	7237.428	59.82	PK2	35.4	-44.5	50.72	-	-	74	-23.28	311	287	V
5	9649.063	54.03	PK2	36.8	-42.17	48.66	-	-	74	-25.34	204	138	V
6	9656.891	54.3	PK2	36.8	-42.41	48.69	-	-	74	-25.31	119	277	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.867074	38.53	PK2	34	-26.7	45.83	-	-	74	-28.17	360	100	H
	*** 4.864209	27.06	MAv1	34	-26.7	34.36	54	-19.64	-	-	360	100	H
3	*** 7.283569	37.45	PK2	35.6	-24.5	48.55	-	-	74	-25.45	360	200	H
	*** 7.284252	25.71	MAv1	35.6	-24.5	36.81	54	-17.19	-	-	360	200	H
2	*** 4.865253	38.54	PK2	34	-26.7	45.84	-	-	74	-28.16	360	101	V
	*** 4.866827	27	MAv1	34	-26.7	34.3	54	-19.7	-	-	360	101	V
4	*** 7.284698	36.97	PK2	35.6	-24.4	48.17	-	-	74	-25.83	360	200	V
	*** 7.283317	25.8	MAv1	35.6	-24.5	36.9	54	-17.1	-	-	360	200	V
5	9.732877	24.24	PK2	36.7	-20.4	40.54	-	-	74	-33.46	243	200	V
6	9.737877	23.49	PK2	36.7	-20.2	39.99	-	-	74	-34.01	267	200	H

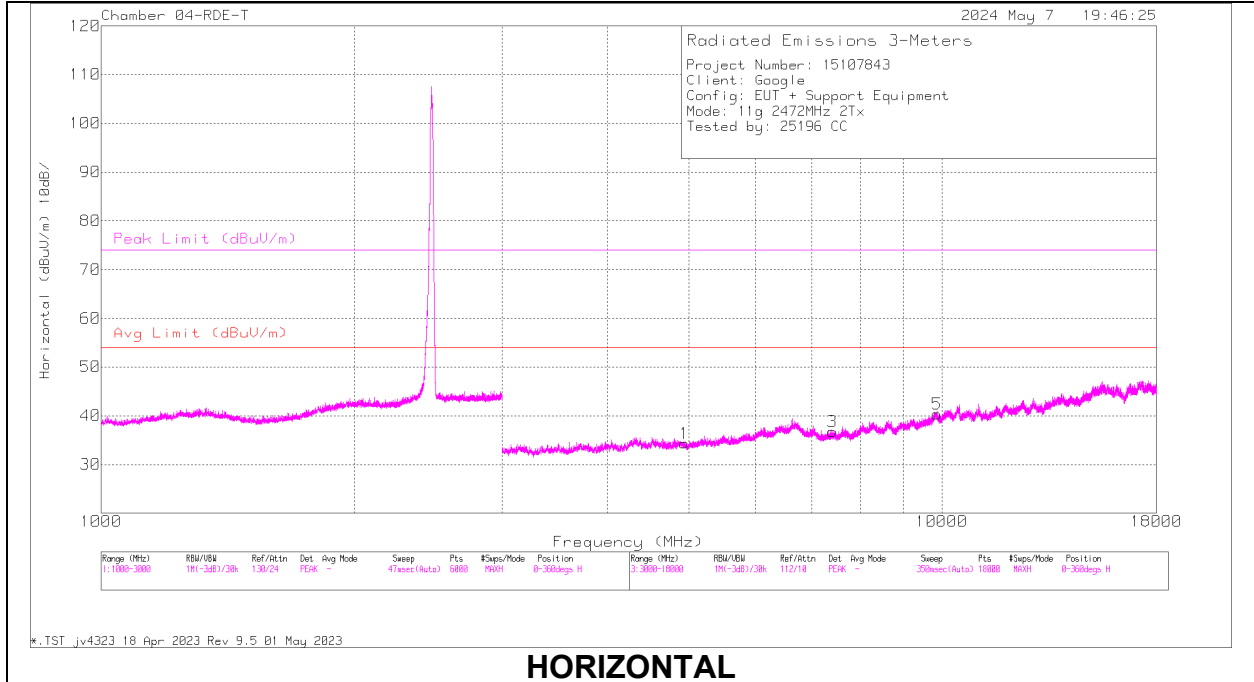
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

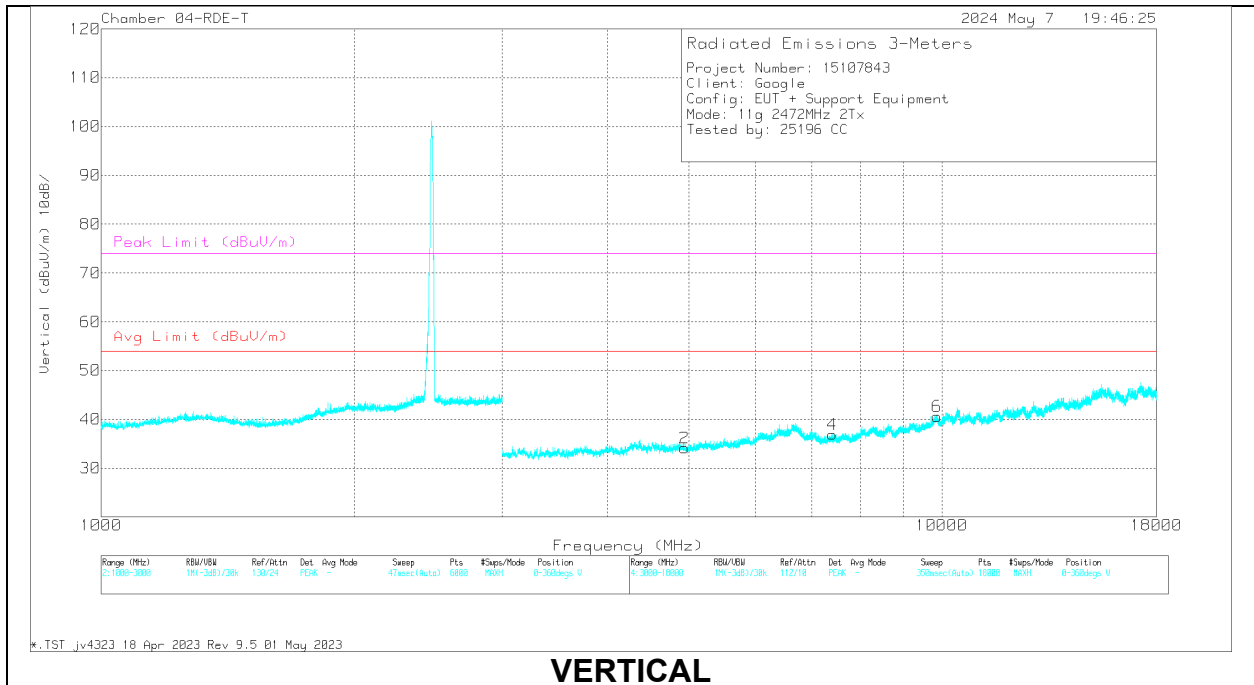
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4942.808	57.06	PK2	34.1	-46.57	44.59	-	-	74	-29.41	341	127	H
	*** 4945.527	45.21	MAv1	34.1	-46.64	32.67	54	-21.33	-	-	341	127	H
3	*** 7408.212	62.22	PK2	35.4	-44.19	53.43	-	-	74	-20.57	323	174	H
	*** 7408.313	43.7	MAv1	35.4	-44.19	34.91	54	-19.09	-	-	323	174	H
2	*** 4937.367	57.04	PK2	34.1	-46.7	44.44	-	-	74	-29.56	302	124	V
	*** 4939.3	45.57	MAv1	34.1	-46.67	33	54	-21	-	-	302	124	V
4	*** 7408.621	59.65	PK2	35.4	-44.18	50.87	-	-	74	-23.13	70	103	V
	*** 7411.3	43.81	MAv1	35.4	-44.26	34.95	54	-19.05	-	-	70	103	V
5	9864.776	54.98	PK2	37.4	-41.74	50.64	-	-	74	-23.36	11	362	H
6	9871.805	55.05	PK2	37.4	-41.87	50.58	-	-	74	-23.42	200	344	V

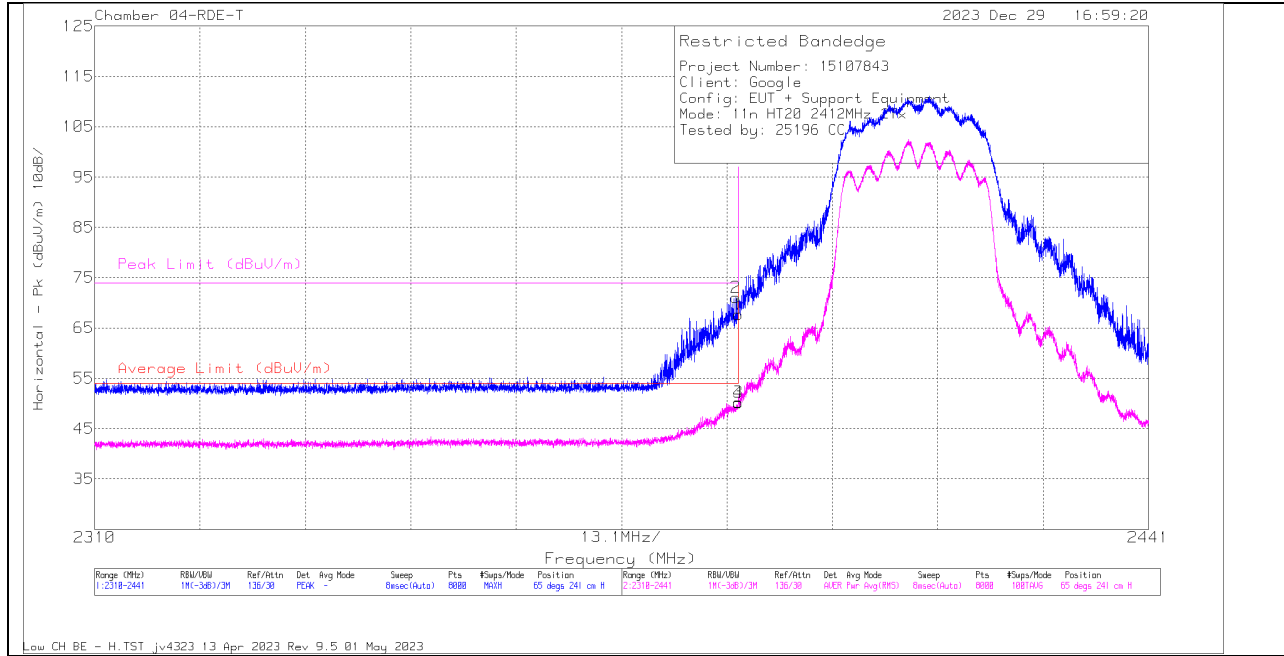
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

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

2TX

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT

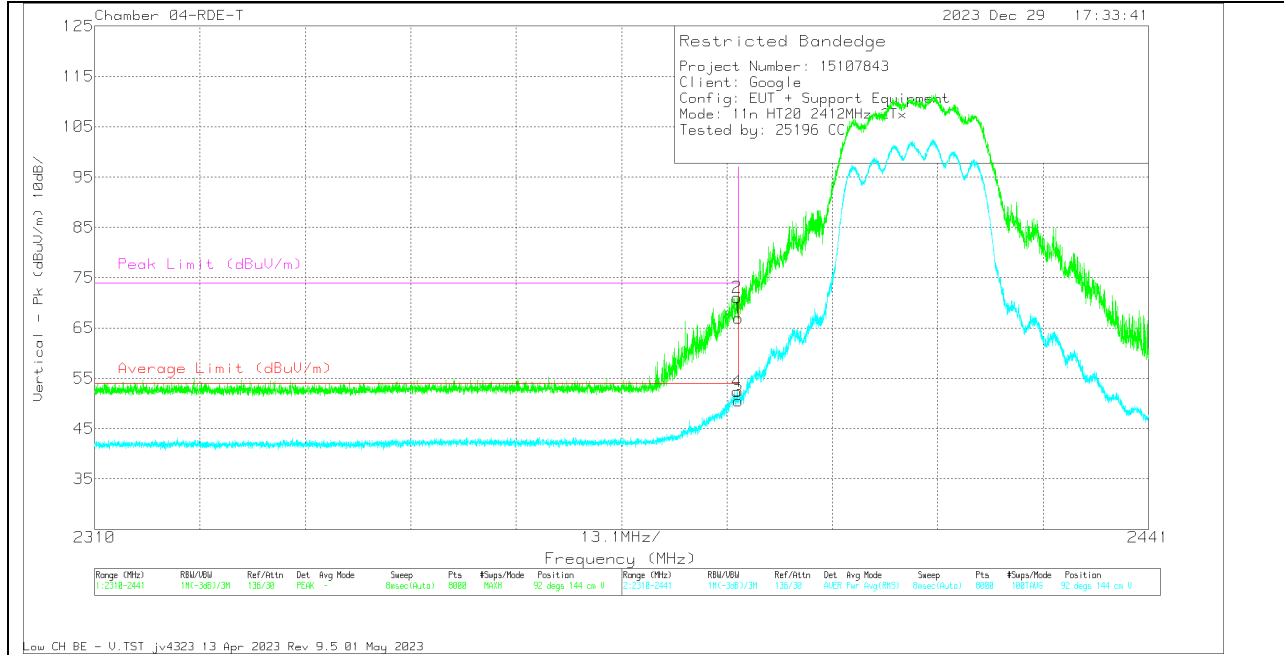


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2390	74.65	Pk	32.1	-39.05	67.7	-	-	74	-6.3	65	241	H
2	*** 2389.69	78.06	Pk	32.1	-39.06	71.1	-	-	74	-2.9	65	241	H
3	*** 2390	57.26	RMS	32.1	-39.05	50.31	54	-3.69	-	-	65	241	H
4	*** 2389.985	57.07	RMS	32.1	-39.05	50.12	54	-3.88	-	-	65	241	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



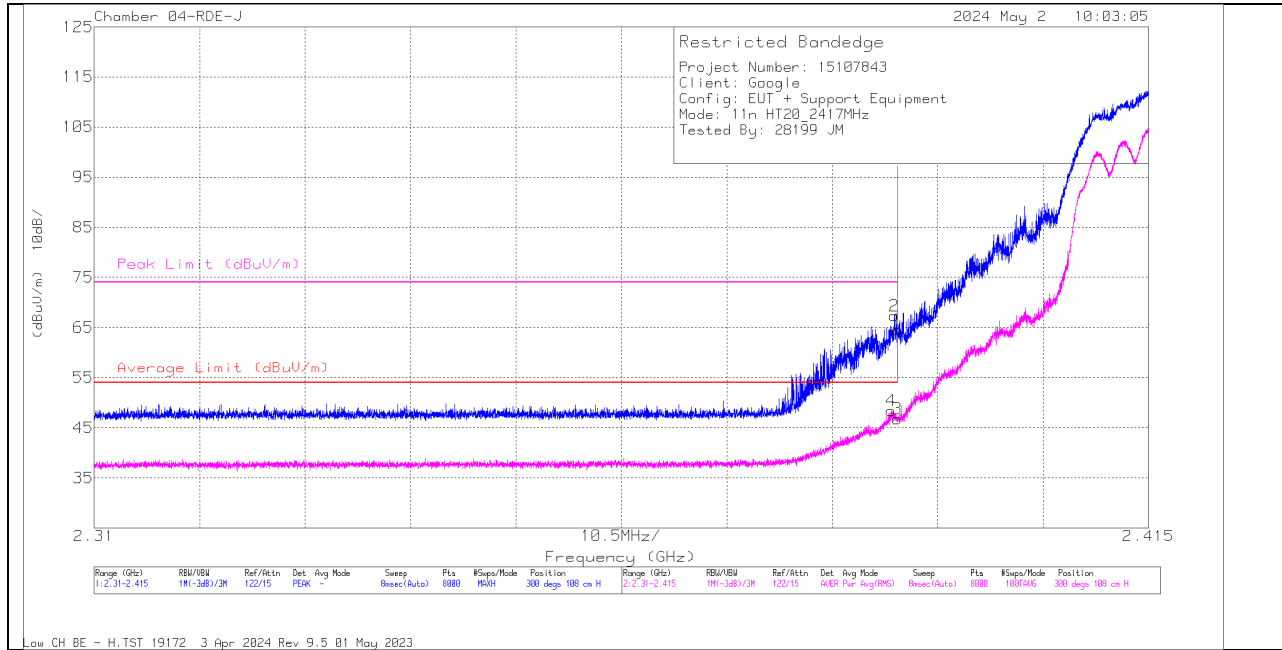
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2390	73.89	Pk	32.1	-39.05	66.94	-	-	74	-7.06	92	144	V
2	*** 2389.838	77.98	Pk	32.1	-39.05	71.03	-	-	74	-2.97	92	144	V
3	** 2390	57.46	RMS	32.1	-39.05	50.51	54	-3.49	-	-	92	144	V
4	** 2389.854	59.29	RMS	32.1	-39.05	52.34	54	-1.66	-	-	92	144	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT

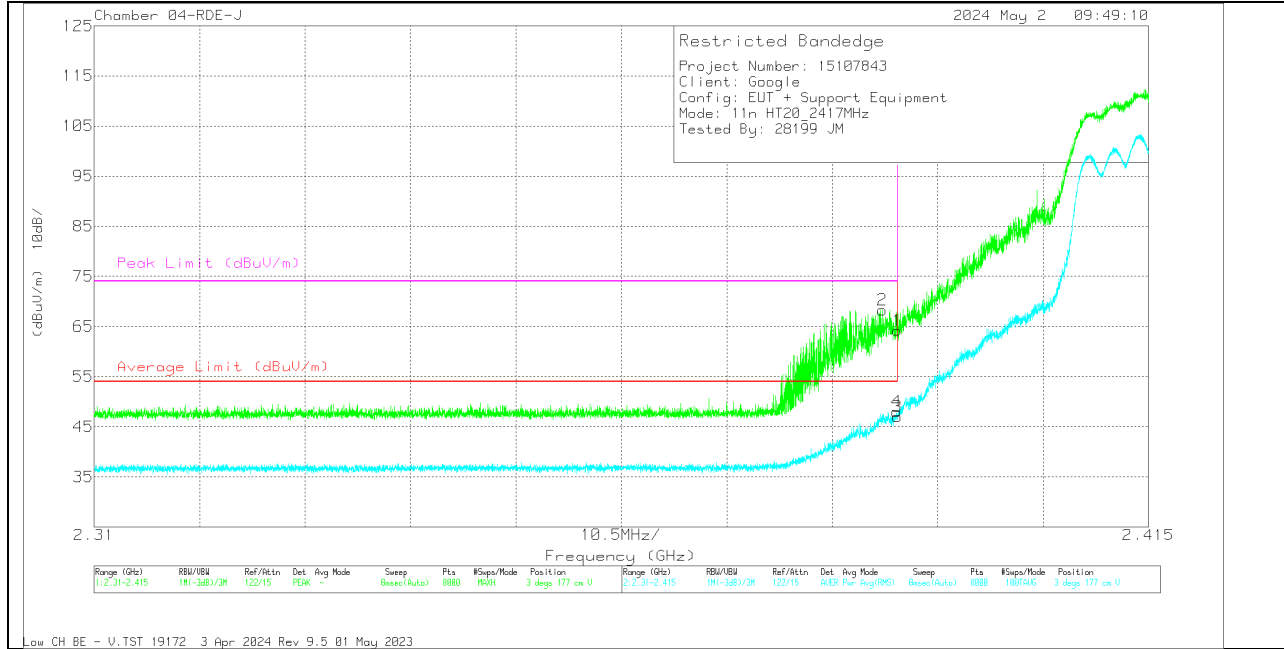


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Amp/CbIs (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.44	Pk	32	-27.9	64.54	-	-	74	-9.46	300	108	H
2	* 2.389707	63.26	Pk	32	-27.9	67.36	-	-	74	-6.64	300	108	H
3	* 2.39	41.75	RMS	32	-27.9	45.85	54	-8.15	-	-	300	108	H
4	* 2.38934	43.4	RMS	32	-27.9	47.5	54	-6.5	-	-	300	108	H

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

VERTICAL RESULT



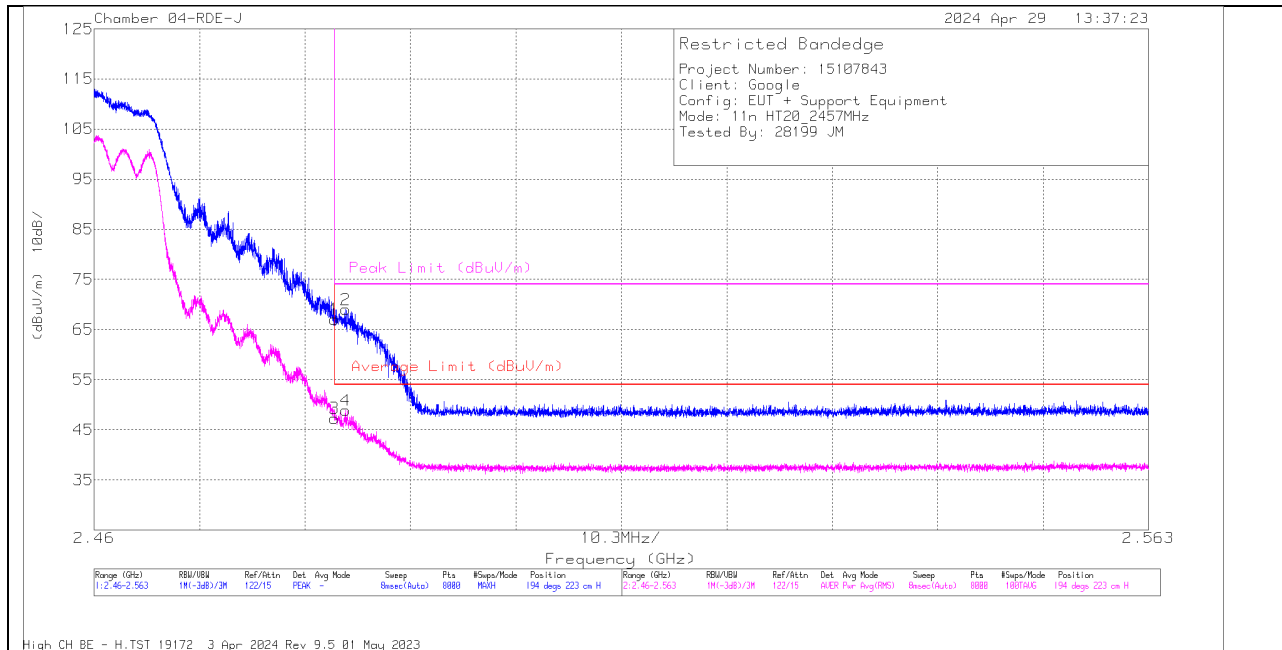
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Amp/CbIs (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.13	Pk	32	-27.9	64.23	-	-	74	-9.77	3	177	V
2	* 2.388486	64.21	Pk	32	-27.9	68.31	-	-	74	-5.69	3	177	V
3	* 2.39	42.95	RMS	32	-27.9	47.05	54	-6.95	-	-	3	177	V
4	* 2.389943	43.94	RMS	32	-27.9	48.04	54	-5.96	-	-	3	177	V

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

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT

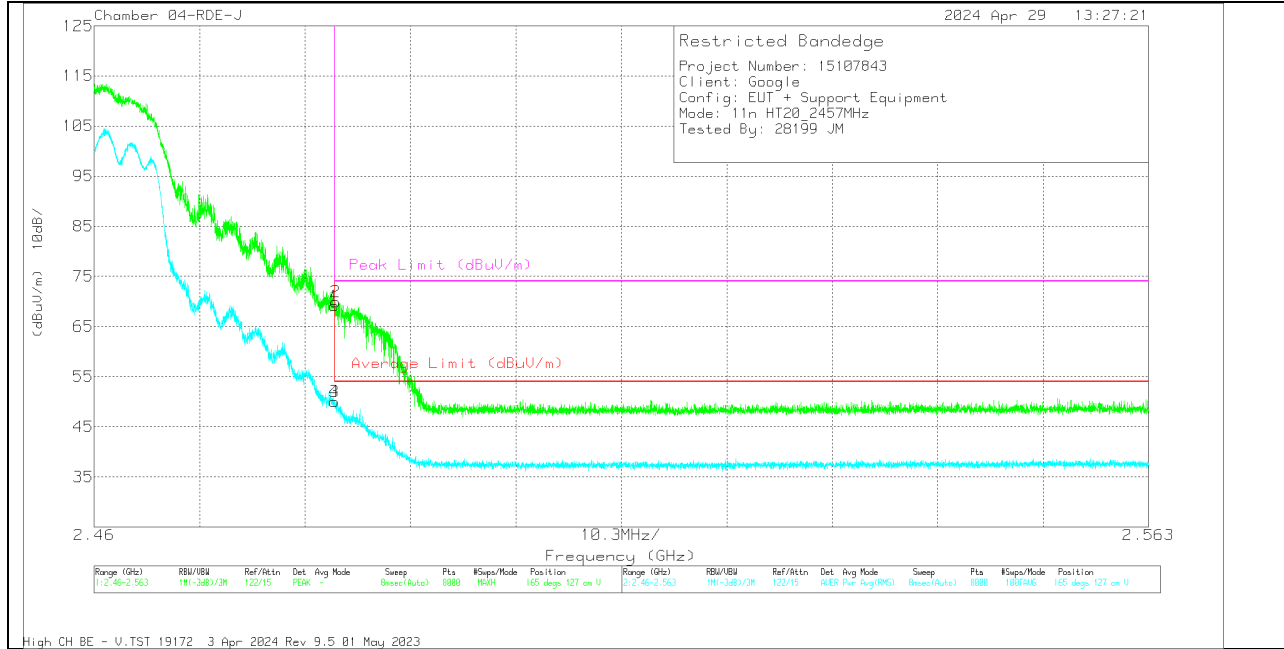


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Amp/CbIs (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	62.63	Pk	32.2	-27.8	67.03	-	-	74	-6.97	194	223	H
2	*** 2.484595	64.49	Pk	32.3	-27.8	68.99	-	-	74	-5.01	194	223	H
3	*** 2.4835	42.86	RMS	32.2	-27.8	47.26	54	-6.74	-	-	194	223	H
4	*** 2.484556	44.35	RMS	32.3	-27.8	48.85	54	-5.15	-	-	194	223	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



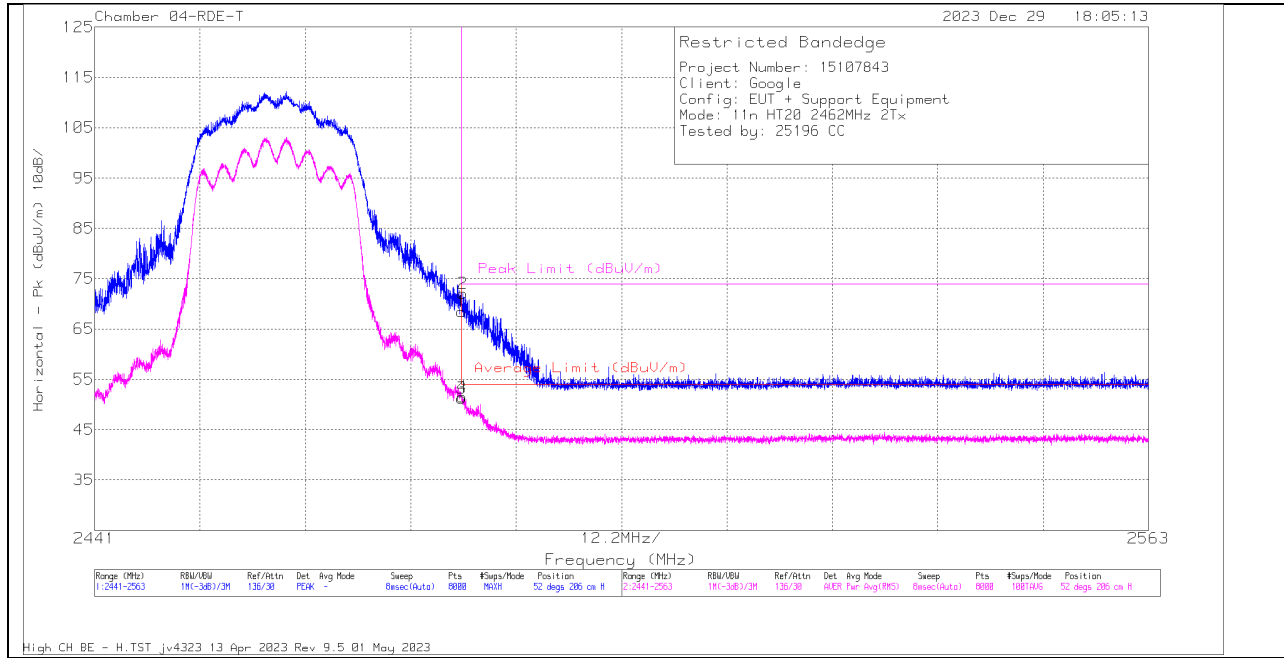
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Amp/CbIs (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	64.73	Pk	32.2	-27.8	69.13	-	-	74	-4.87	165	127	V
2	***2.483604	65.44	Pk	32.3	-27.8	69.94	-	-	74	-4.06	165	127	V
3	***2.4835	45.61	RMS	32.2	-27.8	50.01	54	-3.99	-	-	165	127	V
4	***2.483501	45.63	RMS	32.2	-27.8	50.03	54	-3.97	-	-	165	127	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT

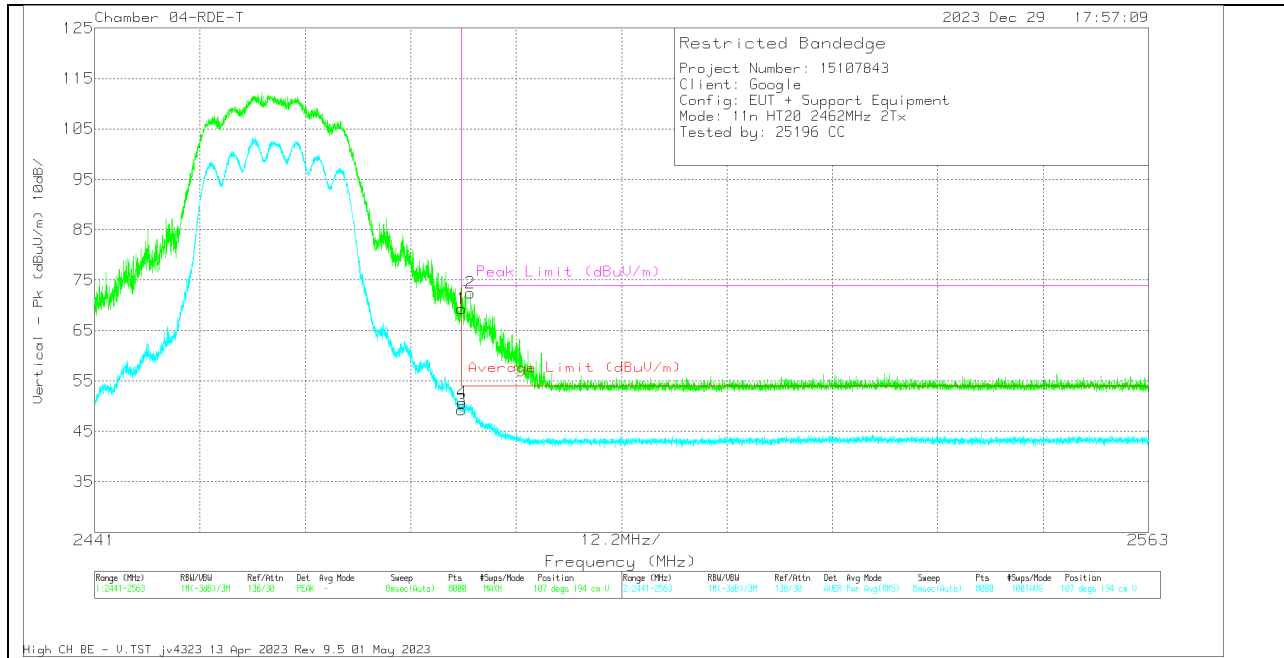


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2483.5	75.13	Pk	32.2	-38.87	68.46	-	-	74	-5.54	52	206	H
2	*** 2483.645	78.71	Pk	32.2	-38.88	72.03	-	-	74	-1.97	52	206	H
3	*** 2483.5	57.97	RMS	32.2	-38.87	51.3	54	-2.7	-	-	52	206	H
4	*** 2483.538	58.21	RMS	32.2	-38.87	51.54	54	-2.46	-	-	52	206	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	***2483.5	76.03	Pk	32.2	-38.87	69.36	-	-	74	-4.64	107	194	V
2	***2484.483	79.1	Pk	32.2	-38.85	72.45	-	-	74	-1.55	107	194	V
3	***2483.5	55.95	RMS	32.2	-38.87	49.28	54	-4.72	-	-	107	194	V
4	***2483.523	57.36	RMS	32.2	-38.87	50.69	54	-3.31	-	-	107	194	V

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

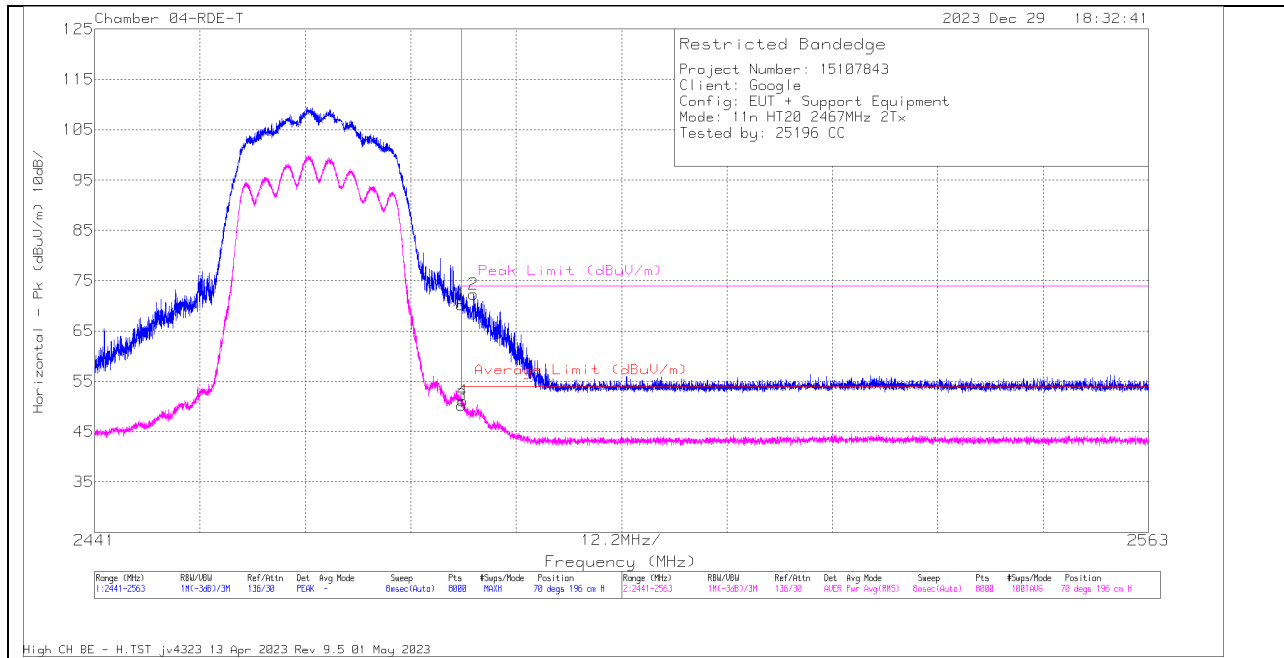
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT

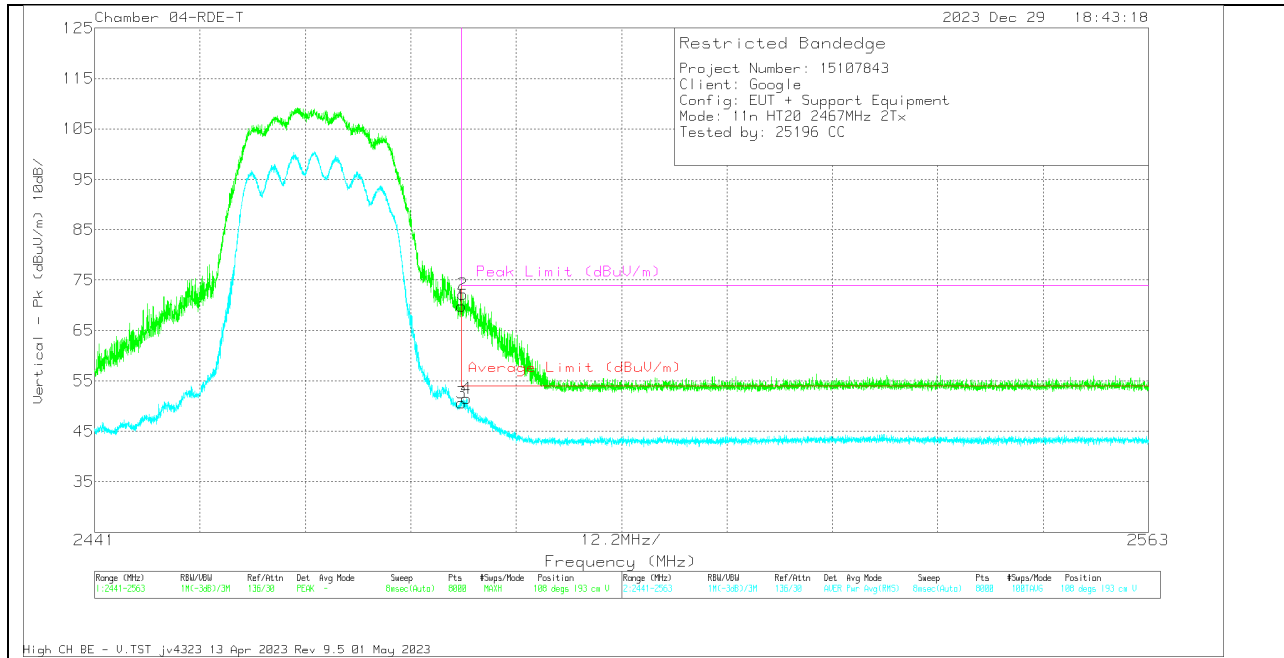


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	*** 2483.5	76.83	Pk	32.2	-38.87	70.16	-	-	74	-3.84	70	196	H
2	** 2484.85	78.92	Pk	32.2	-38.81	72.31	-	-	74	-1.69	70	196	H
3	*** 2483.5	56.9	RMS	32.2	-38.87	50.23	54	-3.77	-	-	70	196	H
4	** 2483.645	57.77	RMS	32.2	-38.88	51.09	54	-2.91	-	-	70	196	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



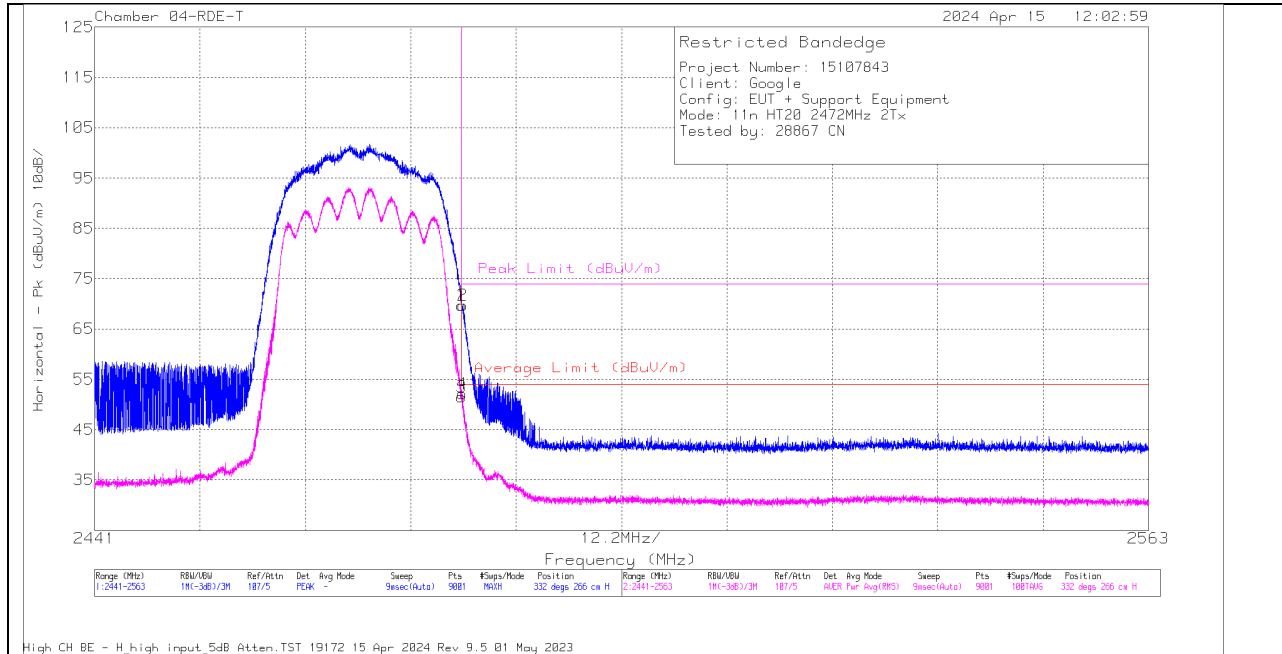
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (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	***2483.5	76.47	Pk	32.2	-38.87	69.8	-	-	74	-4.2	108	193	V
2	***2483.629	78.9	Pk	32.2	-38.88	72.22	-	-	74	-1.78	108	193	V
3	**2483.5	57.34	RMS	32.2	-38.87	50.67	54	-3.33	-	-	108	193	V
4	***2484.056	58.18	RMS	32.2	-38.89	51.49	54	-2.51	-	-	108	193	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT

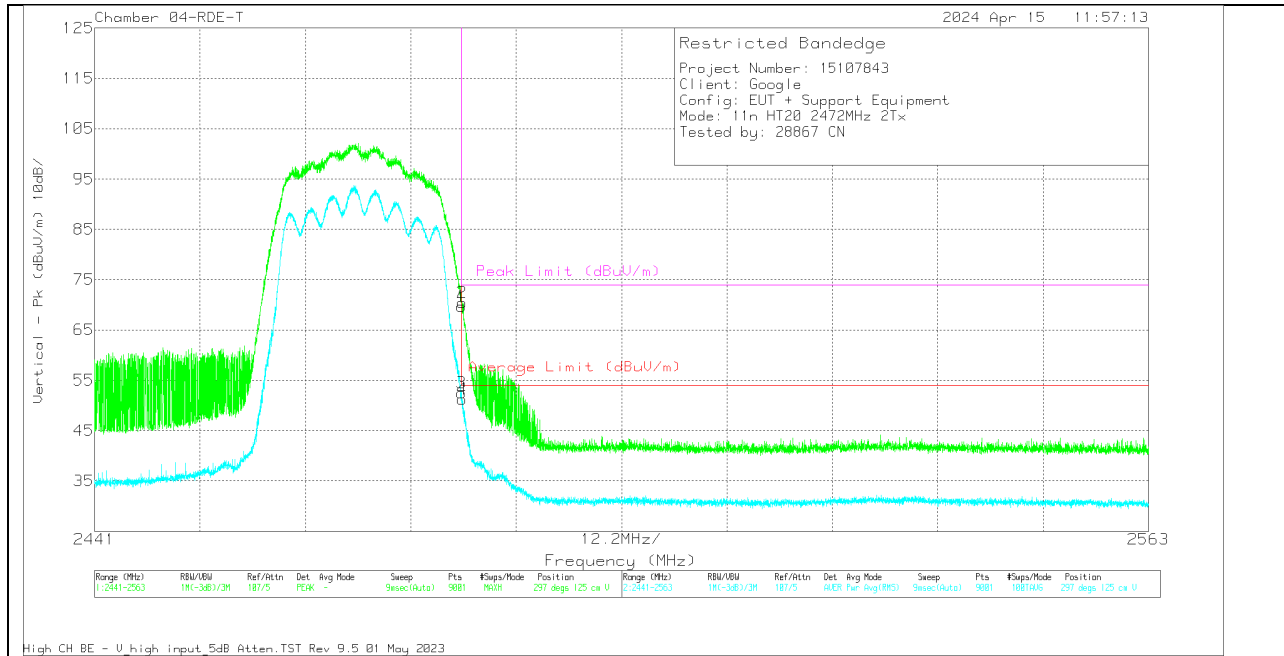


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (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	***2483.5	62.73	Pk	33.4	-26.38	69.75	-	-	74	-4.25	332	266	H
2	**2483.607	62.64	Pk	33.4	-26.39	69.65	-	-	74	-4.35	332	266	H
3	**2483.5	44.52	RMS	33.4	-26.38	51.54	54	-2.46	-	-	332	266	H
4	***2483.539	45.14	RMS	33.4	-26.38	52.16	54	-1.84	-	-	332	266	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



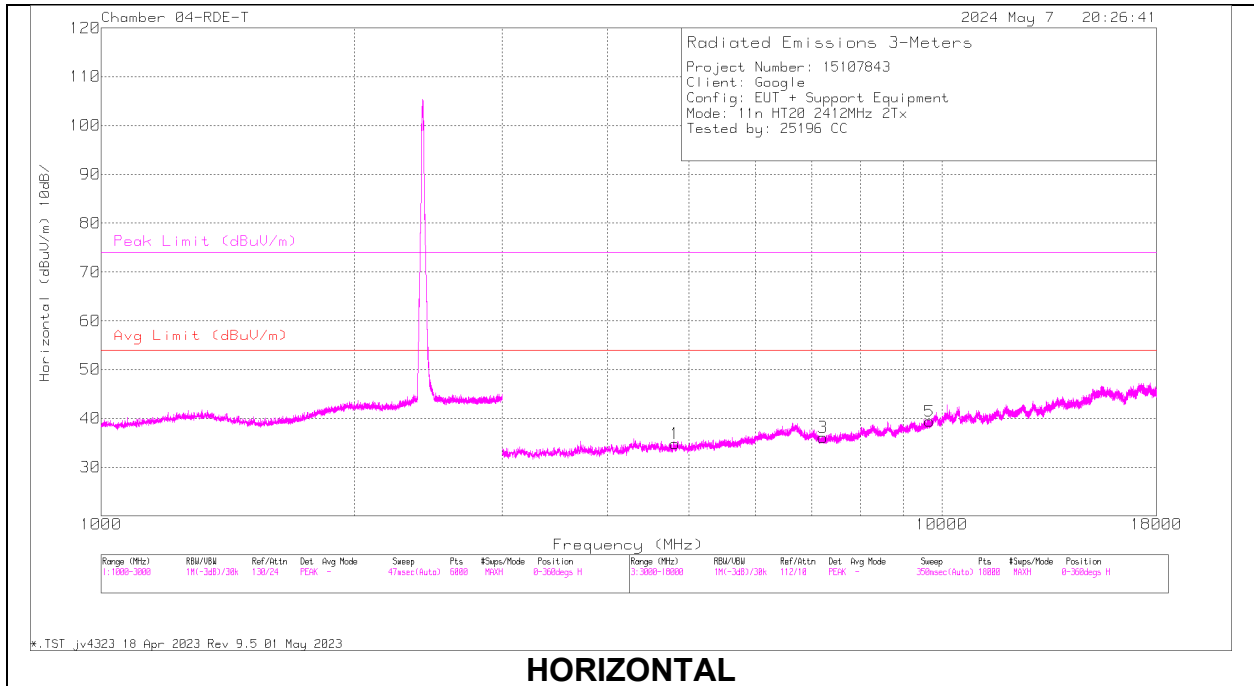
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (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	***2483.5	62.7	Pk	33.4	-26.38	69.72	-	-	74	-4.28	297	125	V
2	***2483.512	63.44	Pk	33.4	-26.38	70.46	-	-	74	-3.54	297	125	V
3	***2483.5	45.45	RMS	33.4	-26.38	52.47	54	-1.53	-	-	297	125	V
4	***2483.579	44.25	RMS	33.4	-26.38	51.27	54	-2.73	-	-	297	125	V

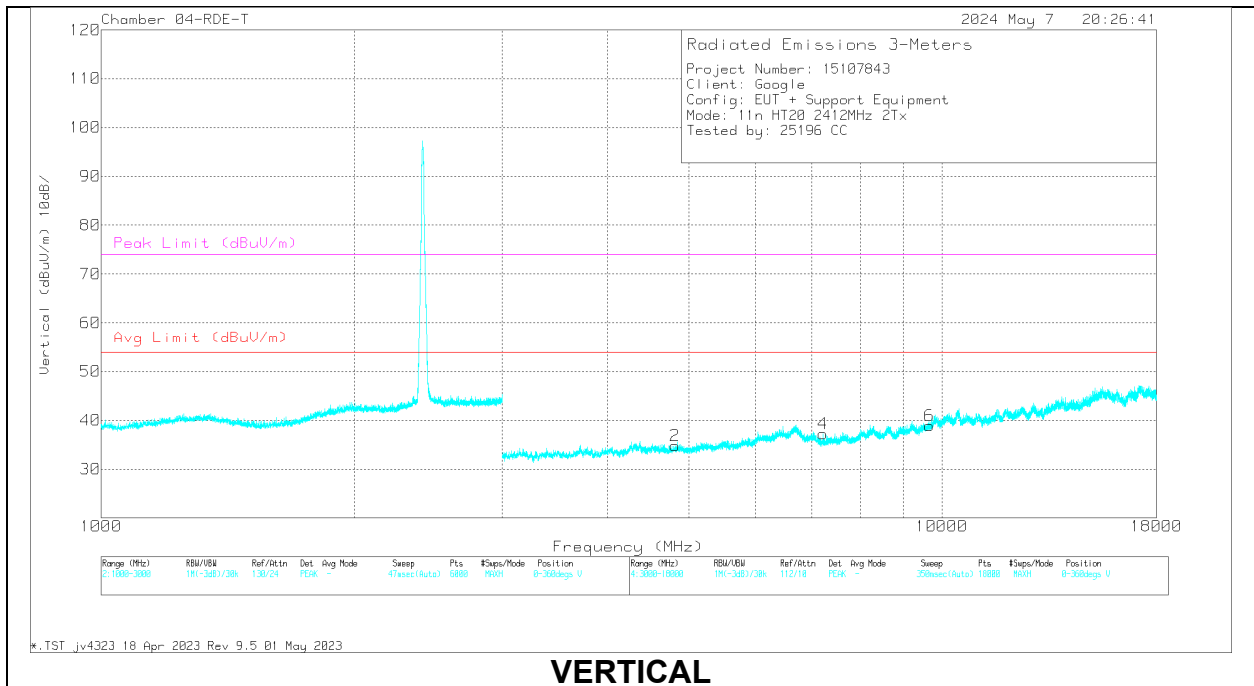
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4815.631	57.45	PK2	34	-46.8	44.65	-	-	74	-29.35	226	350	H
	** 4815.779	45.87	MAv1	34	-46.77	33.1	54	-20.9	-	-	226	350	H
2	** 4815.808	57.33	PK2	34	-46.77	44.56	-	-	74	-29.44	124	258	V
	*** 4812.219	45.88	MAv1	34.1	-46.86	33.12	54	-20.88	-	-	124	258	V
4	7220.656	65.37	PK2	35.4	-44.46	56.31	-	-	74	-17.69	265	194	V
3	7229.808	64.76	PK2	35.4	-44.59	55.57	-	-	74	-18.43	38	250	H
5	9666.577	54.83	PK2	36.8	-42.53	49.1	-	-	74	-24.9	291	400	H
6	9671.662	55.31	PK2	36.8	-42.81	49.3	-	-	74	-24.7	239	137	V

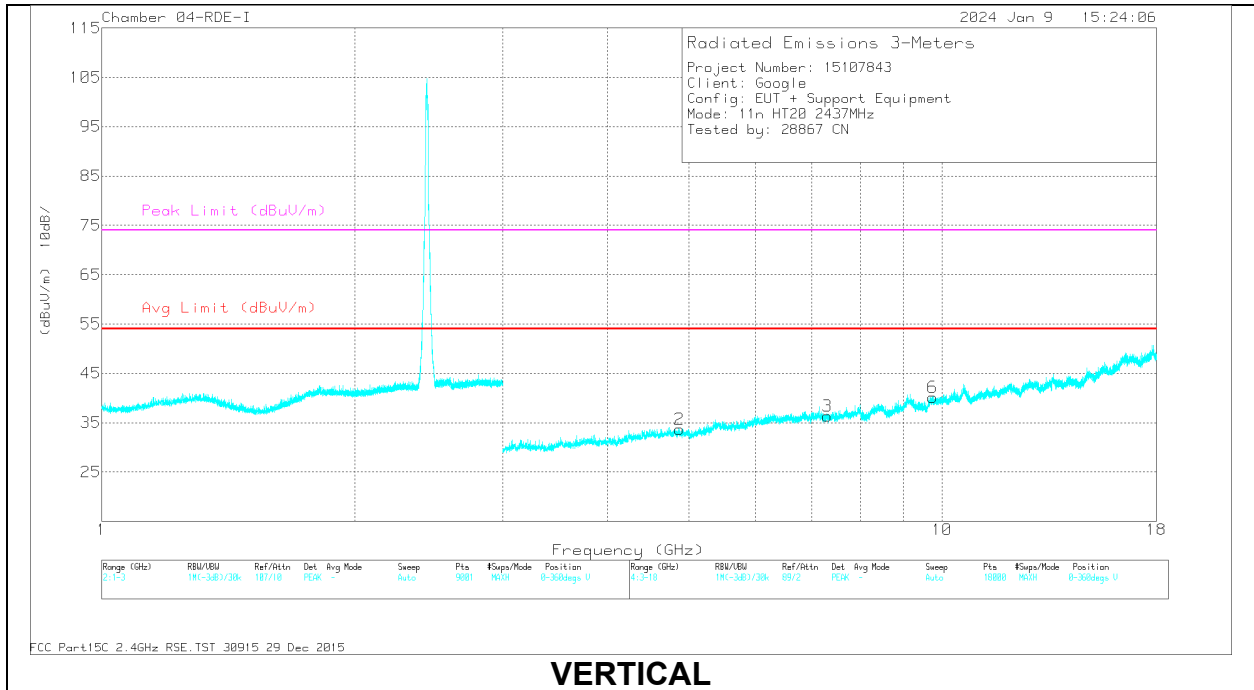
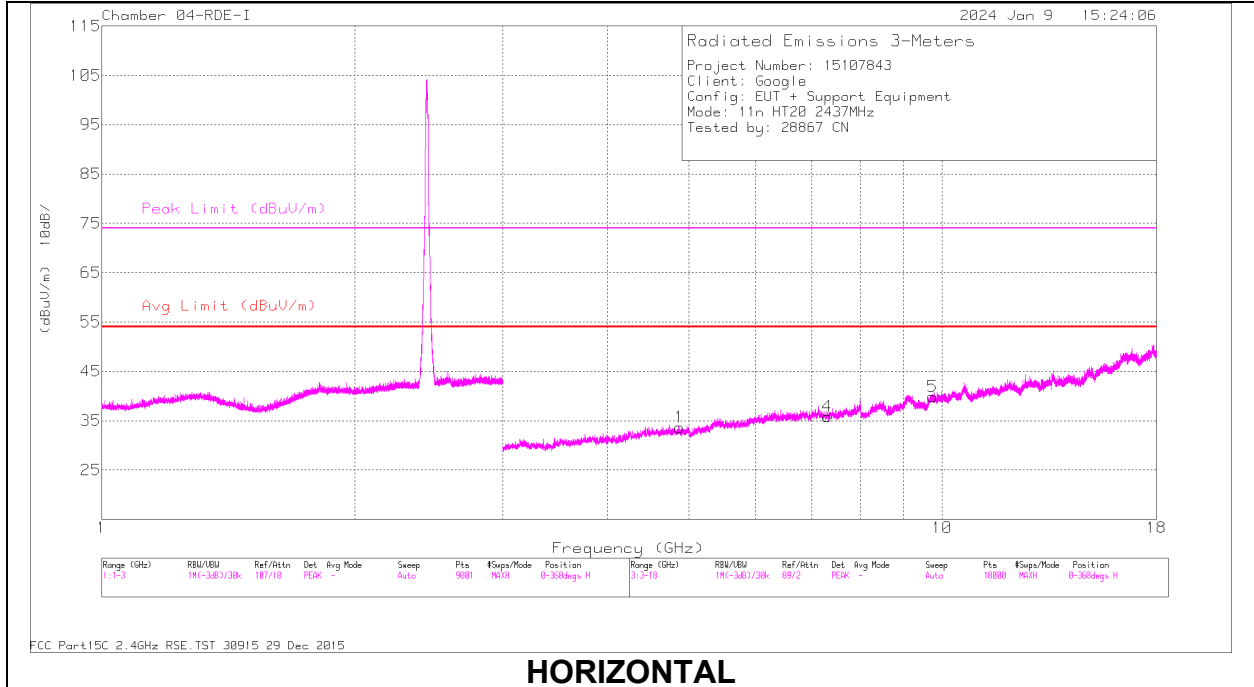
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.871696	38.84	PK2	34	-26.7	46.14	-	-	74	-27.86	360	100	H
	*** 4.870197	27.12	MAv1	34	-26.8	34.32	54	-19.68	-	-	360	100	H
4	*** 7.307705	37.27	PK2	35.6	-24.2	48.67	-	-	74	-25.33	360	199	H
	*** 7.307876	25.56	MAv1	35.6	-24.2	36.96	54	-17.04	-	-	360	199	H
2	*** 4.868096	38.59	PK2	34	-26.7	45.89	-	-	74	-28.11	360	101	V
	*** 4.868659	27.17	MAv1	34	-26.7	34.47	54	-19.53	-	-	360	101	V
3	*** 7.309179	37.23	PK2	35.6	-24.3	48.53	-	-	74	-25.47	360	199	V
	*** 7.309367	25.59	MAv1	35.6	-24.3	36.89	54	-17.11	-	-	360	199	V
5	9.751211	23.53	PK2	36.7	-20.3	39.93	-	-	74	-34.07	278	199	H
	9.754545	23.71	PK2	36.7	-20.3	40.11	-	-	74	-33.89	245	199	V

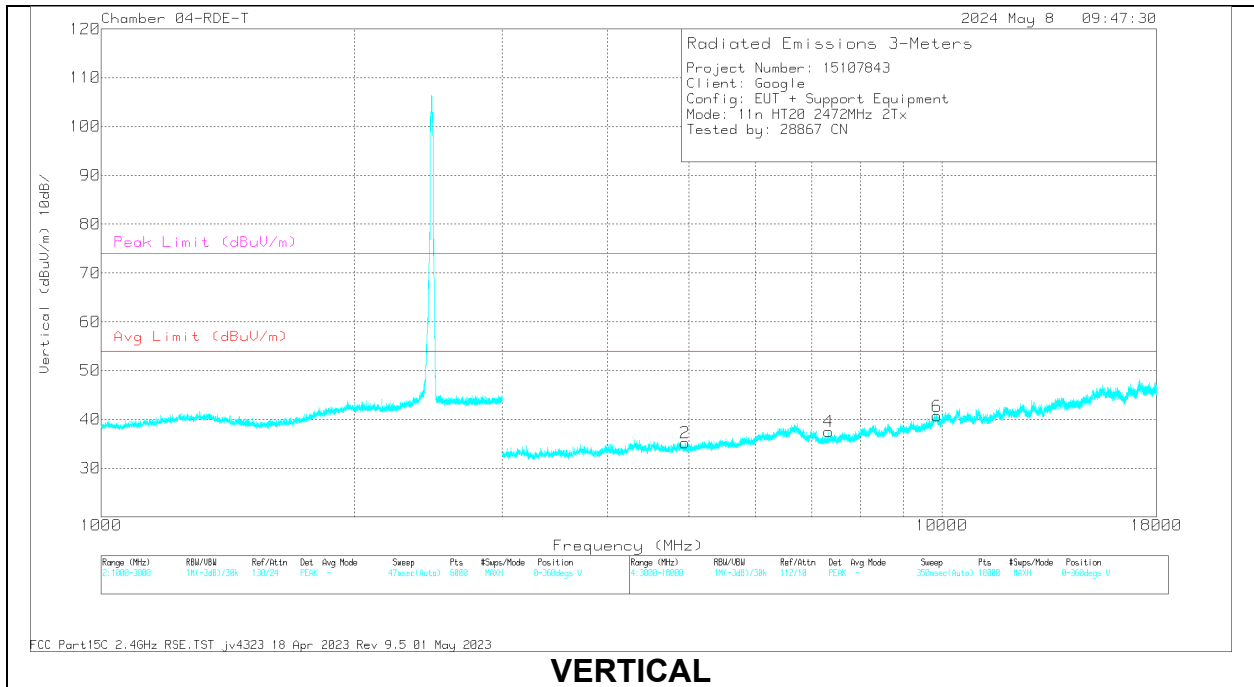
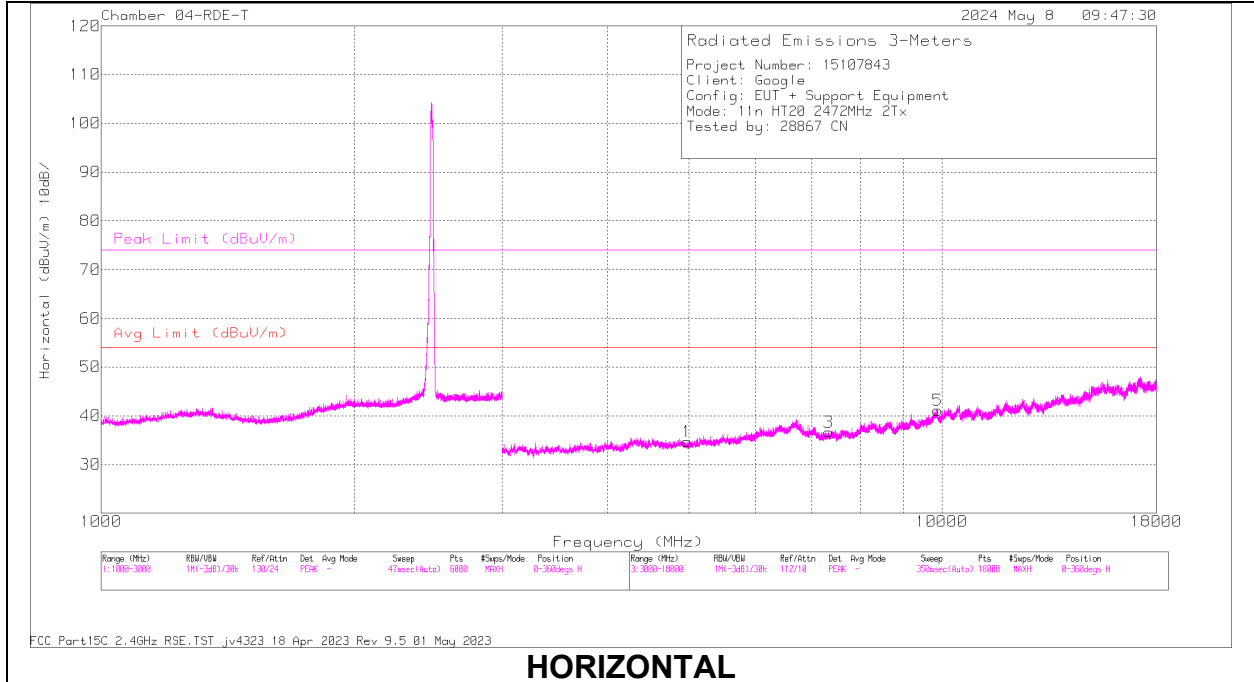
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 4897.442	57.71	PK2	34	-46.66	45.05	-	-	74	-28.95	128	226	H
	** 4904.704	45.95	MAv1	34	-46.64	33.31	54	-20.69	-	-	128	226	H
3	** 7293.307	55.83	PK2	35.4	-44.49	46.74	-	-	74	-27.26	55	186	H
	** 7333.058	43.69	MAv1	35.4	-44.22	34.87	54	-19.13	-	-	55	186	H
2	** 4853.94	57.82	PK2	34	-46.8	45.02	-	-	74	-28.98	280	127	V
	** 4899.816	45.96	MAv1	34	-46.76	33.2	54	-20.8	-	-	280	127	V
4	** 7321.687	55.06	PK2	35.4	-44.25	46.21	-	-	74	-27.79	246	198	V
	** 7355.252	43.86	MAv1	35.4	-44.31	34.95	54	-19.05	-	-	246	198	V
6	9868.946	54.93	PK2	37.4	-41.93	50.4	-	-	74	-23.6	246	101	V
5	9879.336	54.66	PK2	37.4	-42.01	50.05	-	-	74	-23.95	55	198	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

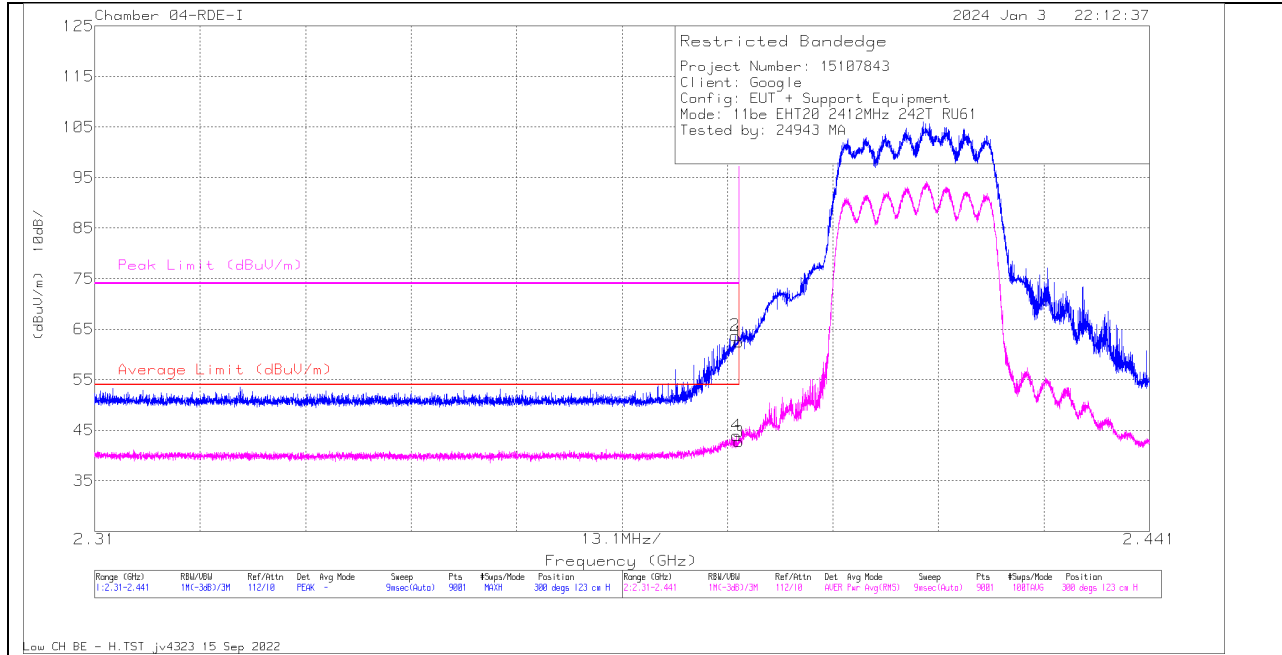
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.1.4. TX ABOVE 1 GHz 802.11be EHT20 MODE IN THE 2.4GHz BAND
2TX Tx0 + Tx1 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL 1)

HORIZONTAL RESULT

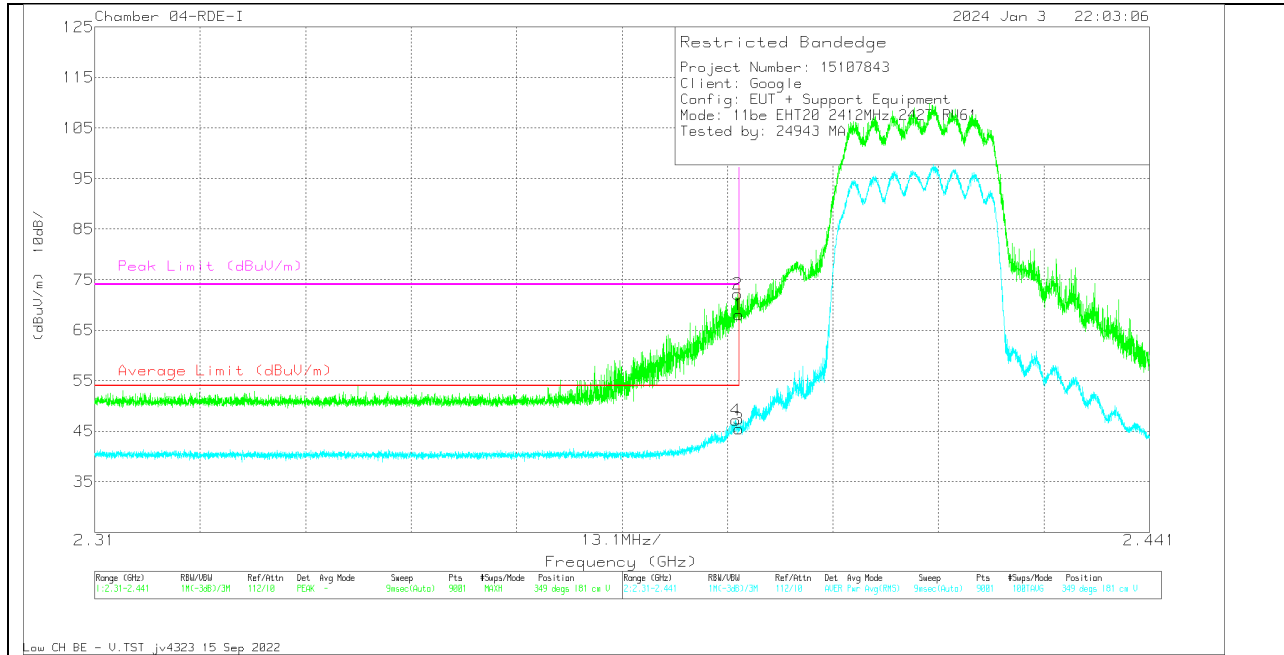


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	50.45	Pk	31.7	-19.7	0	62.45	-	-	74	-11.55	300	123	H
2	* ** 2.389534	51.76	Pk	31.7	-19.7	0	63.76	-	-	74	-10.24	300	123	H
3	* ** 2.39	30.76	RMS	31.7	-19.7	.18	42.94	54	-11.06	-	-	300	123	H
4	* ** 2.389694	31.96	RMS	31.7	-19.7	.18	44.15	54	-9.85	-	-	300	123	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



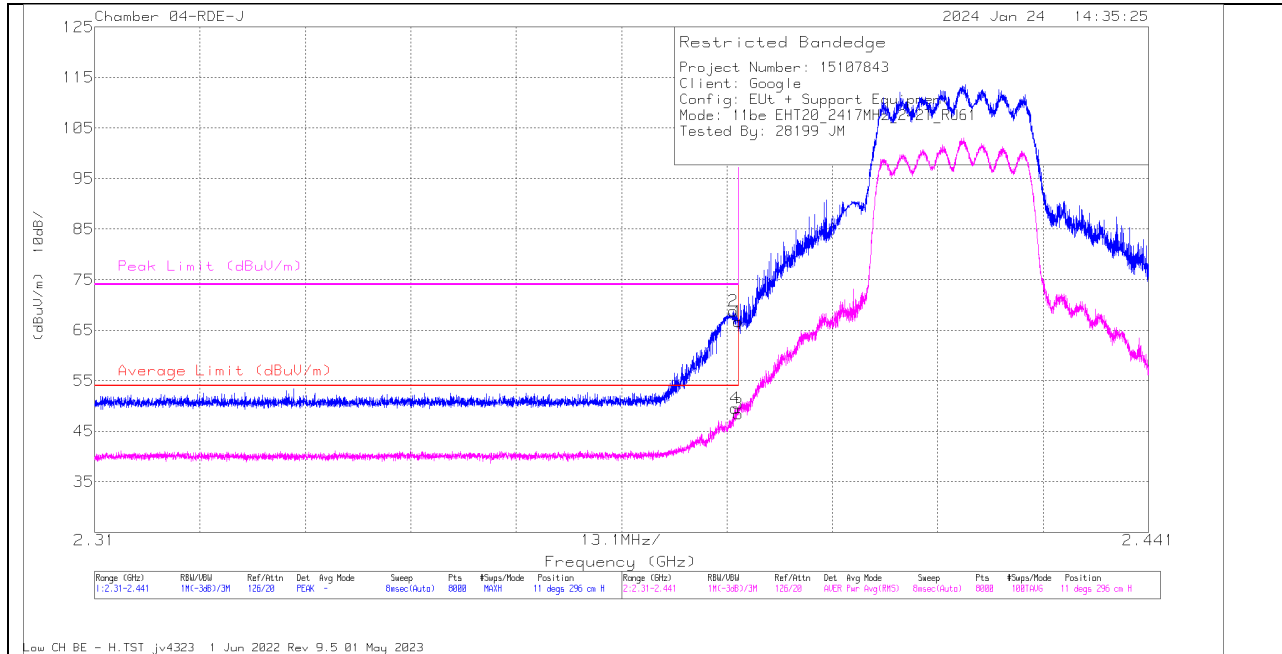
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	56	Pk	31.7	-19.7	0	68	-	-	74	-6	349	181	V
2	* ** 2.38984	60.17	Pk	31.7	-19.7	0	72.17	-	-	74	-1.83	349	181	V
3	* ** 2.39	33.28	RMS	31.7	-19.7	.18	45.47	54	-8.53	-	-	349	181	V
4	* ** 2.389636	34.97	RMS	31.7	-19.7	.18	47.16	54	-6.84	-	-	349	181	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (LOW CHANNEL 2)

HORIZONTAL RESULT

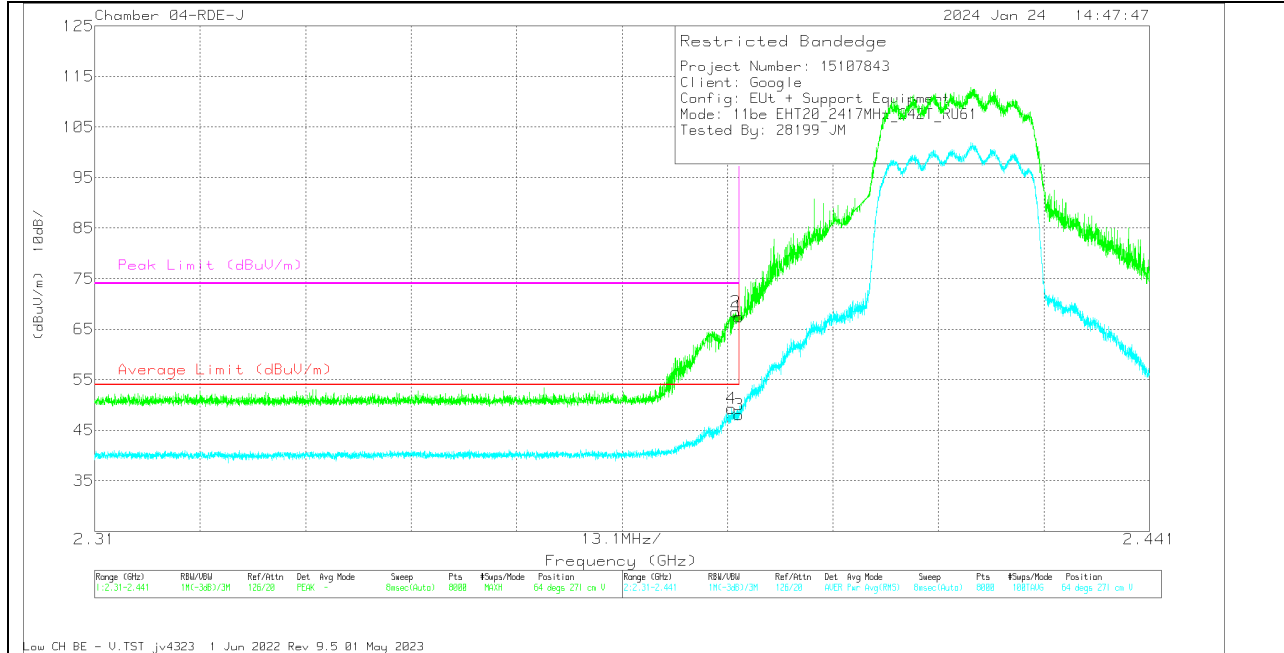


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.39	71.82	Pk	32	-37.1	0	66.72	-	-	74	-7.28	11	296	H
2	*** 2.389379	73.86	Pk	32	-37.1	0	68.76	-	-	74	-5.24	11	296	H
3	*** 2.39	53.35	RMS	32	-37.1	.18	48.44	54	-5.56	-	-	11	296	H
4	*** 2.389658	54.5	RMS	32	-37.1	.18	49.59	54	-4.41	-	-	11	296	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



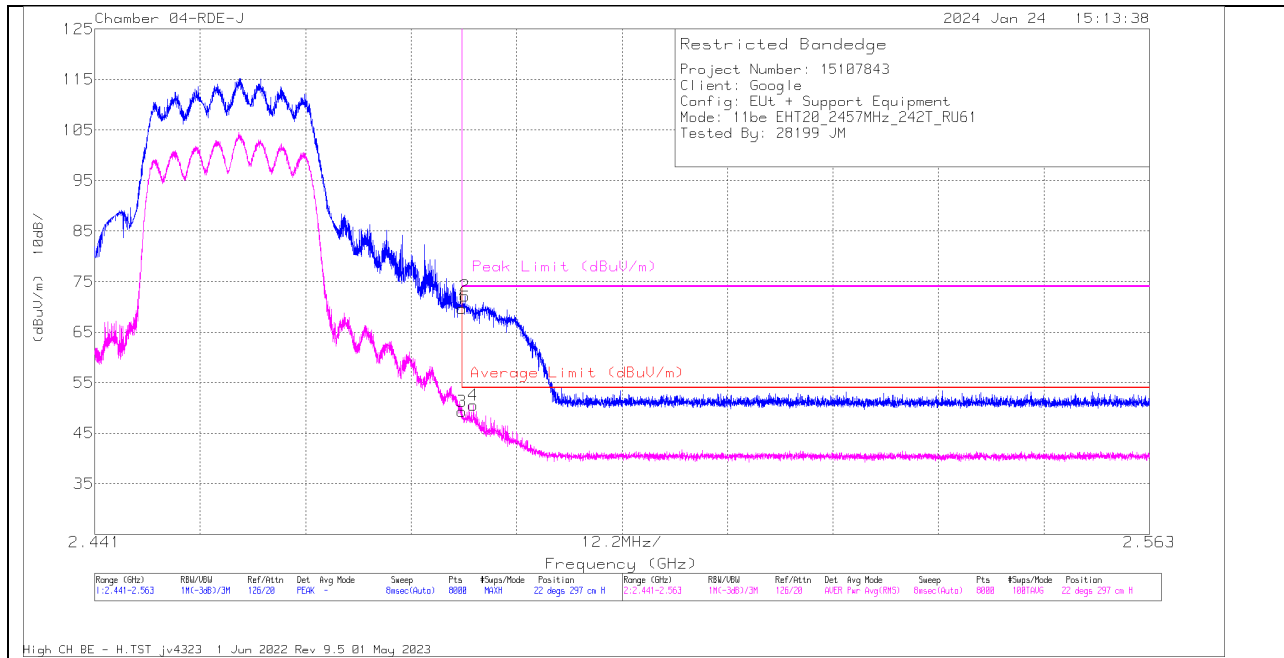
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.39	72.58	Pk	32	-37.1	0	67.48	-	-	74	-6.52	64	271	V
2	*** 2.389658	73.55	Pk	32	-37.1	0	68.45	-	-	74	-5.55	64	271	V
3	*** 2.39	52.92	RMS	32	-37.1	.18	48.01	54	-5.99	-	-	64	271	V
4	*** 2.389101	54.24	RMS	32	-37.1	.18	49.33	54	-4.67	-	-	64	271	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL 10)

HORIZONTAL RESULT

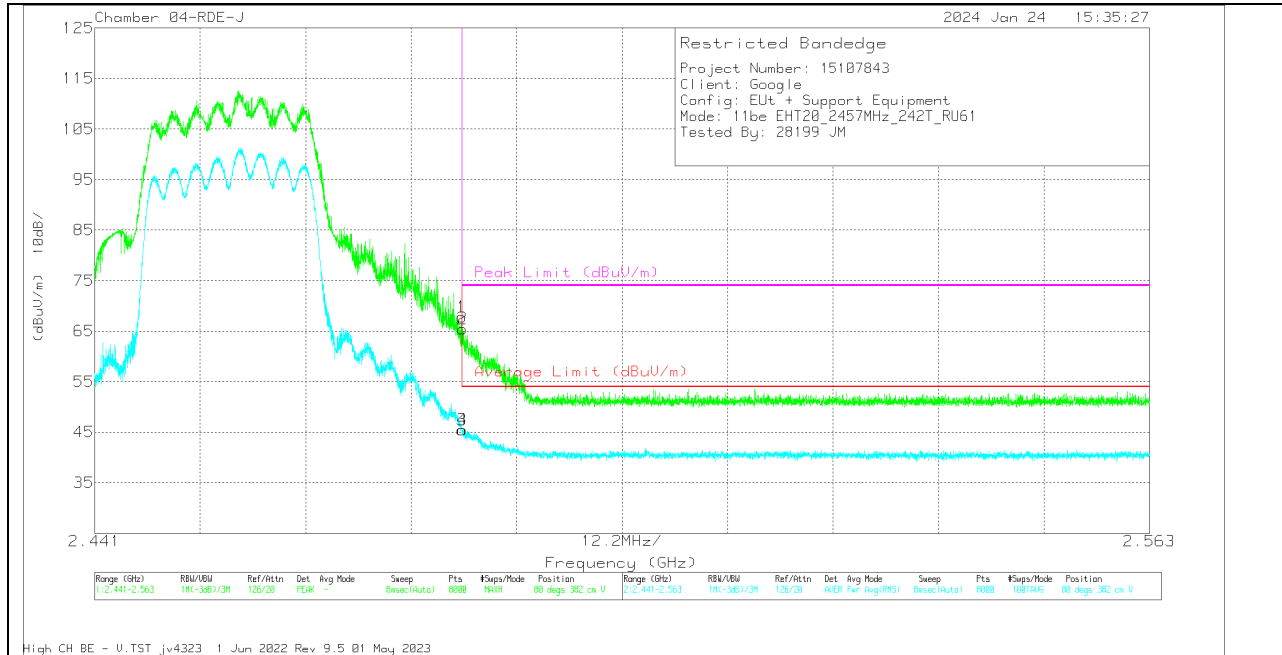


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	DCCF (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	74.45	Pk	32.2	-37	0	69.65	-	-	74	-4.35	22	297	H
2	**2.483843	76.79	Pk	32.3	-37	0	72.09	-	-	74	-1.91	22	297	H
3	***2.4835	53.86	RMS	32.2	-37	.18	49.25	54	-4.75	-	-	22	297	H
4	***2.484773	55.04	RMS	32.3	-37	.18	50.53	54	-3.47	-	-	22	297	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



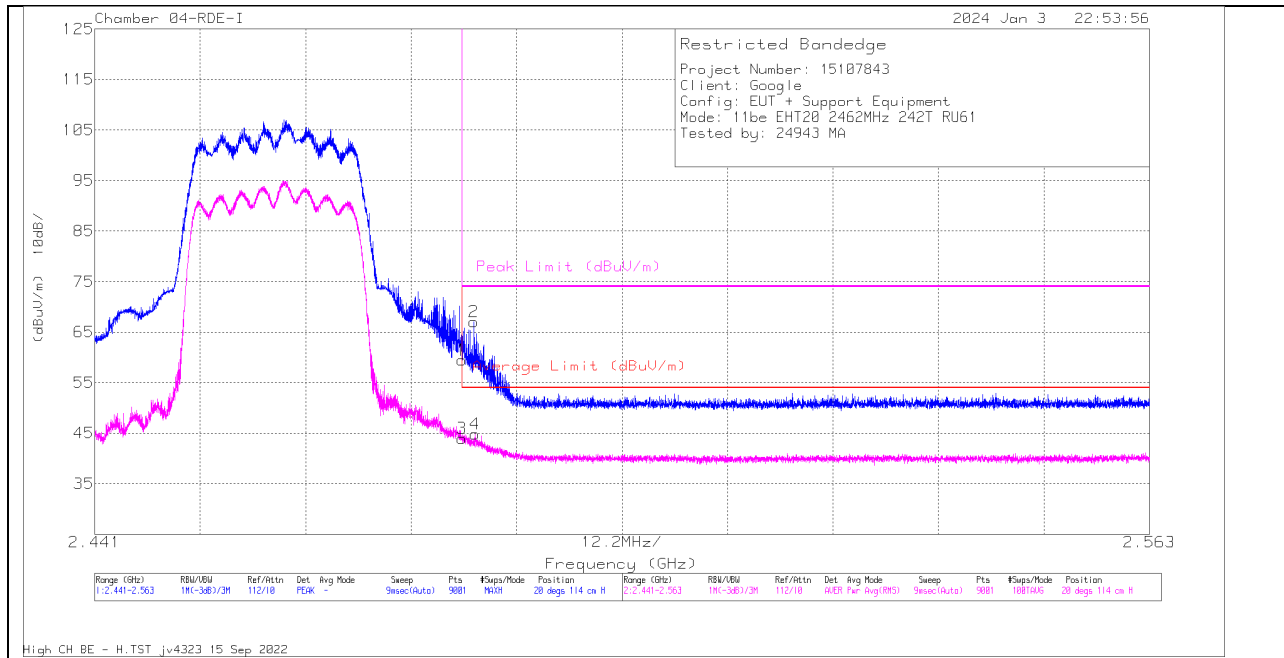
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	Cbl/Amp (dB)	DCCF (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	72.56	Pk	32.2	-37	0	67.76	-	-	74	-6.24	80	382	V
2	*** 2.483538	70.3	Pk	32.2	-37	0	65.5	-	-	74	-8.5	80	382	V
3	*** 2.4835	50.01	RMS	32.2	-37	.18	45.4	54	-8.6	-	-	80	382	V
4	*** 2.483538	50.1	RMS	32.2	-37	.18	45.49	54	-8.51	-	-	80	382	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT

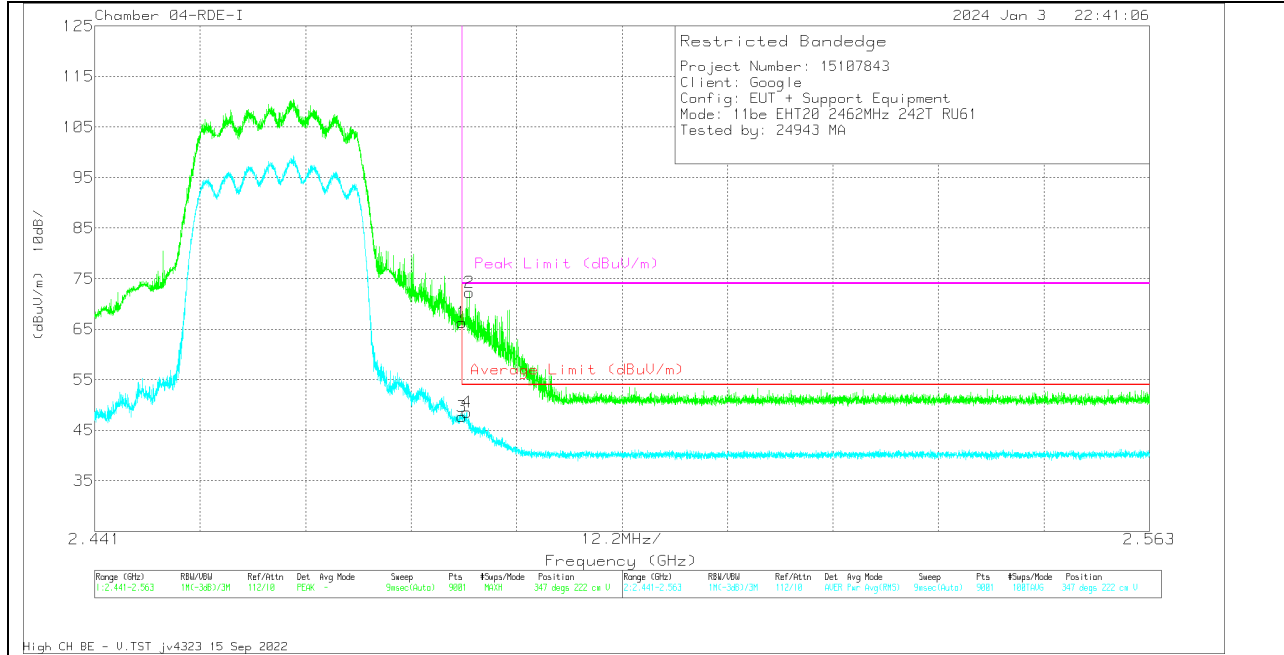


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (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	47.73	Pk	32	-20.2	0	59.53	-	-	74	-14.47	20	114	H
2	*** 2.484867	55.17	Pk	32	-20.1	0	67.07	-	-	74	-6.93	20	114	H
3	** 2.4835	31.95	RMS	32	-20.2	.18	43.94	54	-10.06	-	-	20	114	H
4	** 2.484976	32.77	RMS	32	-20.1	.18	44.86	54	-9.14	-	-	20	114	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



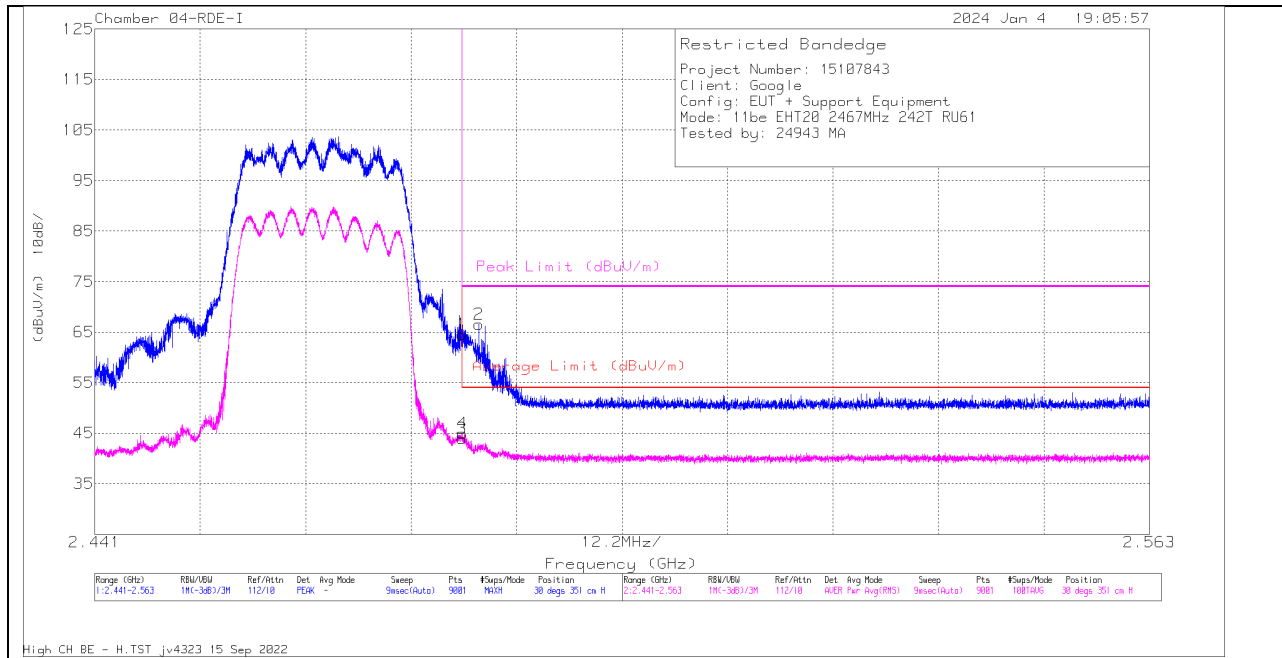
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (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	54.46	Pk	32	-20.2	0	66.26	-	-	74	-7.74	347	222	V
2	* ** 2.484325	60.39	Pk	32	-20.1	0	72.29	-	-	74	-1.71	347	222	V
3	* ** 2.4835	35.69	RMS	32	-20.2	18	47.68	54	-6.32	-	-	347	222	V
4	* ** 2.484067	36.43	RMS	32	-20.1	18	48.52	54	-5.48	-	-	347	222	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL 12)

HORIZONTAL RESULT

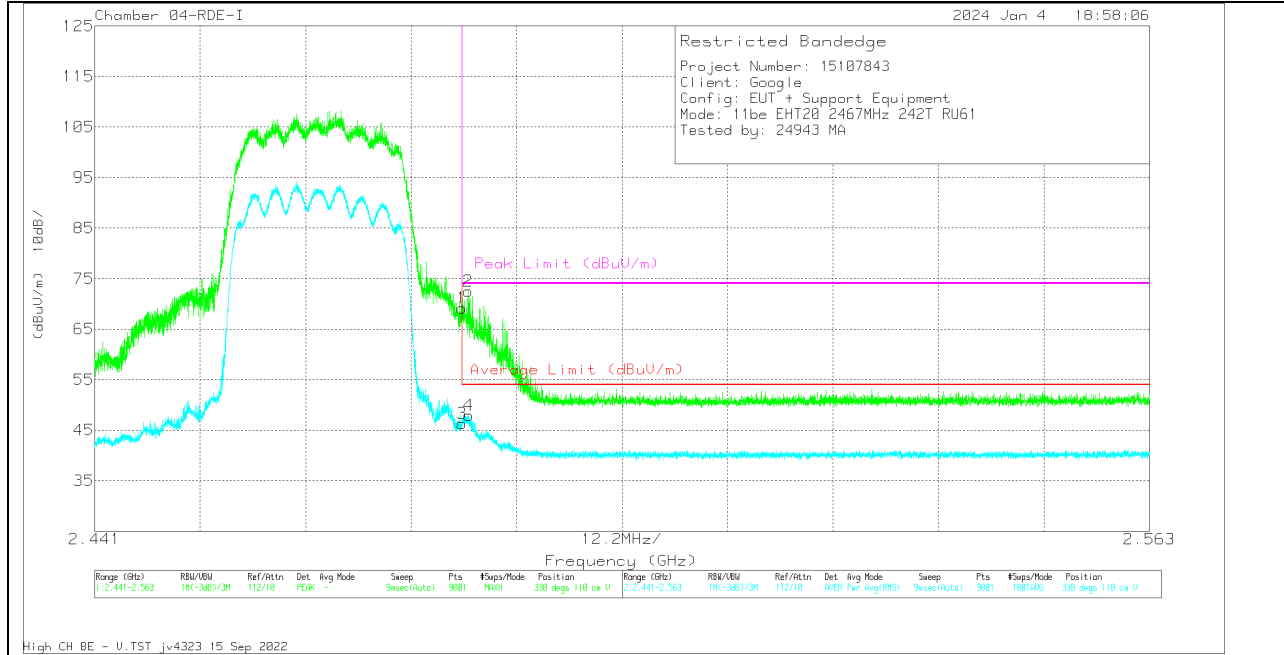


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (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	52.78	Pk	32	-20.2	0	64.58	-	-	74	-9.42	30	351	H
2	* ** 2.48545	54.69	Pk	32	-20.1	0	66.59	-	-	74	-7.41	30	351	H
3	* ** 2.4835	31.99	RMS	32	-20.2	.18	43.98	54	-10.02	-	-	30	351	H
4	* ** 2.483539	32.81	RMS	32	-20.1	.18	44.9	54	-9.1	-	-	30	351	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



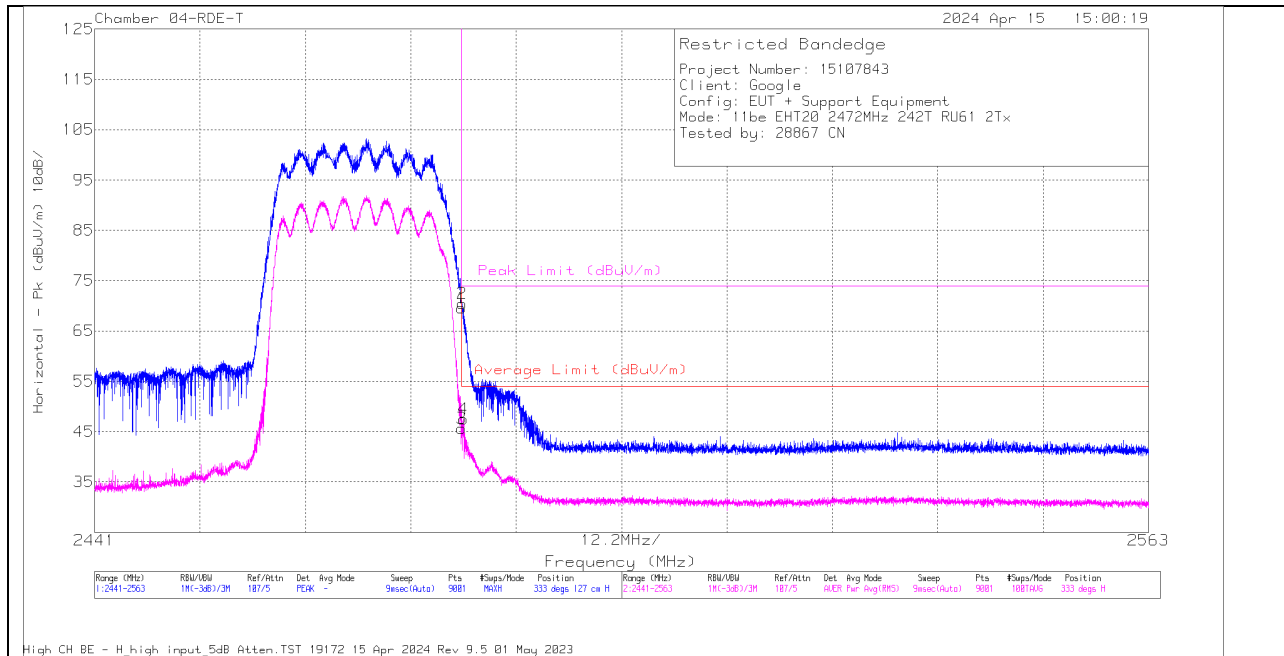
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (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	57.41	Pk	32	-20.2	0	69.21	-	-	74	-4.79	330	110	V
2	* ** 2.48423	60.59	Pk	32	-20.1	0	72.49	-	-	74	-1.51	330	110	V
3	* ** 2.4835	34.32	RMS	32	-20.2	.18	46.31	54	-7.69	-	-	330	110	V
4	* ** 2.484257	35.88	RMS	32	-20.1	.18	47.97	54	-6.03	-	-	330	110	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL 13)

HORIZONTAL RESULT

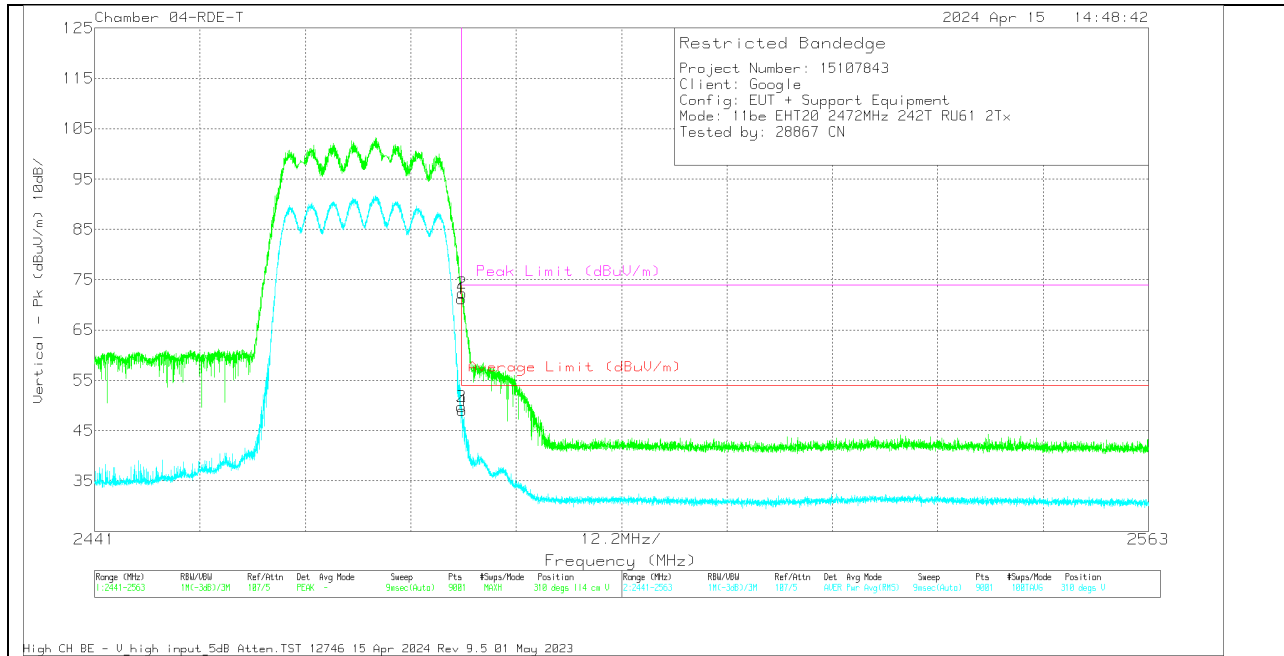


TRACE MARKER

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (dB/m)	DCCF (dB)	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	** 2483.5	62.56	PK	33.4	0	-26.38	69.58	-	-	74	-4.42	333	127	H
2	** 2483.539	63.47	PK	33.4	0	-26.38	70.49	-	-	74	-3.51	333	127	H
3	** 2483.5	38.4	RMS	33.4	.18	-26.38	45.6	54	-8.4	-	-	333	127	H
4	** 2483.661	40.31	RMS	33.4	.18	-26.39	47.5	54	-6.5	-	-	333	127	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



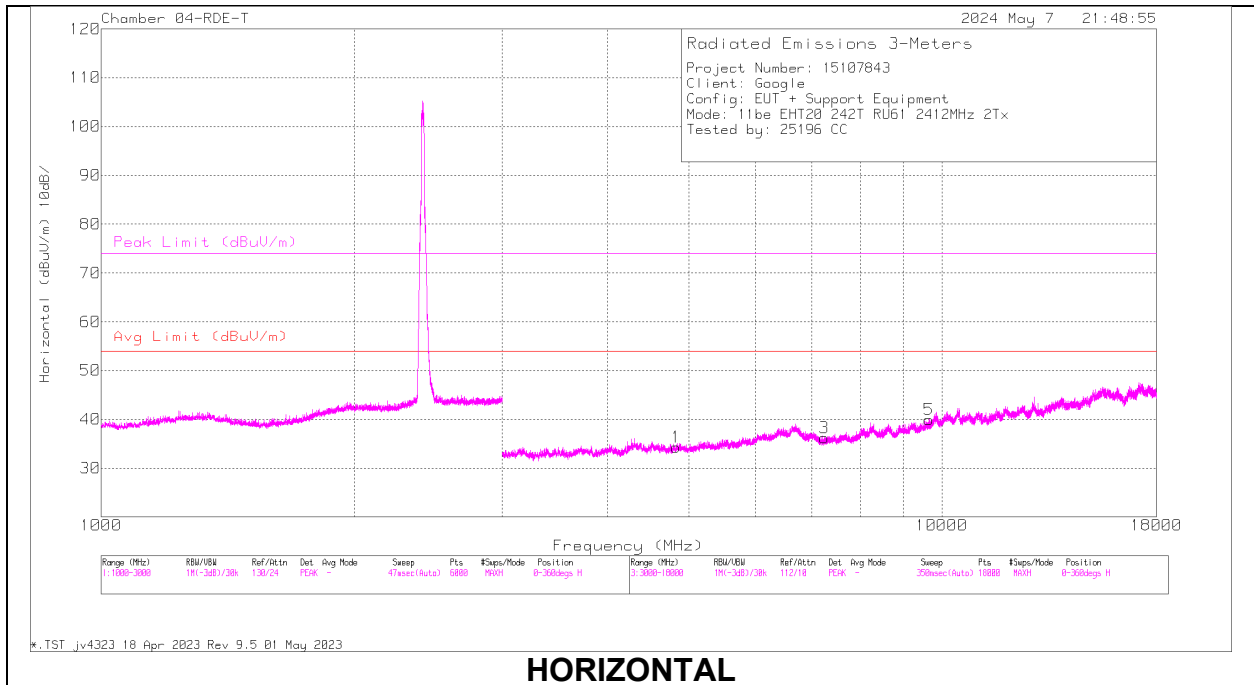
TRACE MARKER

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF (dB/m)	DCCF (dB)	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	** 2483.5	64.23	Pk	33.4	0	-26.38	71.25	-	-	74	-2.75	310	114	V
2	** 2483.552	65.27	Pk	33.4	0	-26.38	72.29	-	-	74	-1.71	310	114	V
3	** 2483.5	42.56	RMS	33.4	.18	-26.38	49.76	54	-4.24	-	-	310	114	V
4	** 2483.552	41.86	RMS	33.4	.18	-26.38	49.06	54	-4.94	-	-	310	114	V

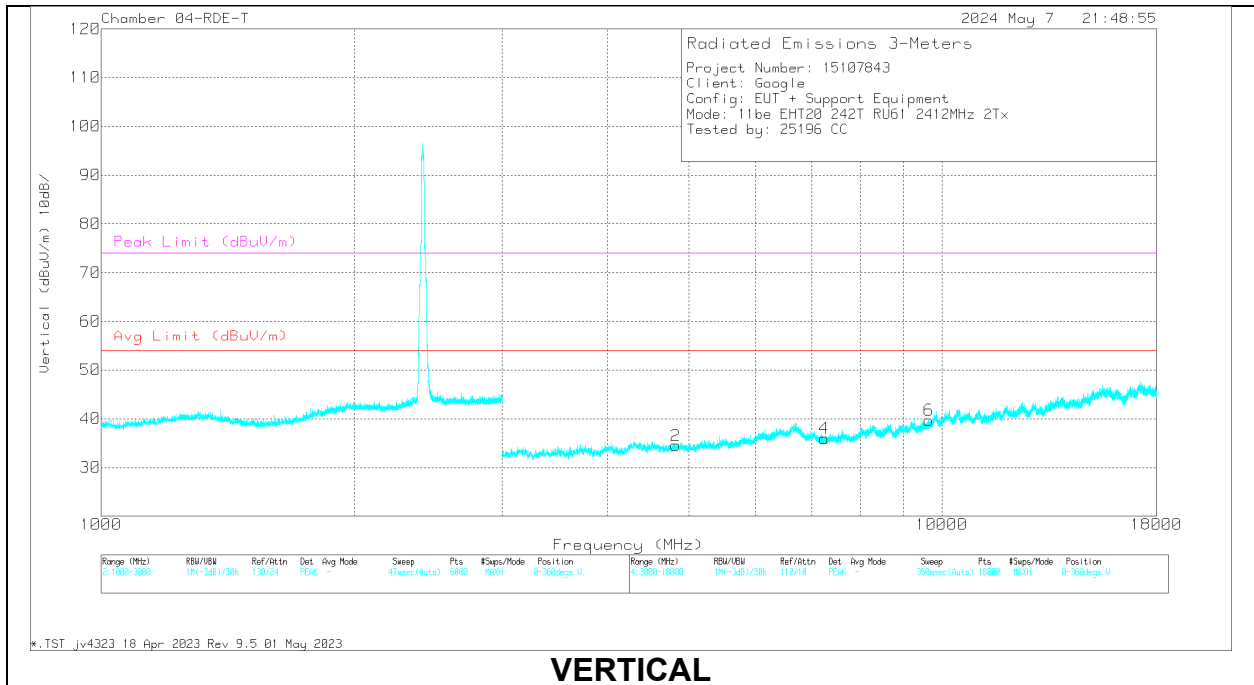
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL 1 RESULTS



HORIZONTAL



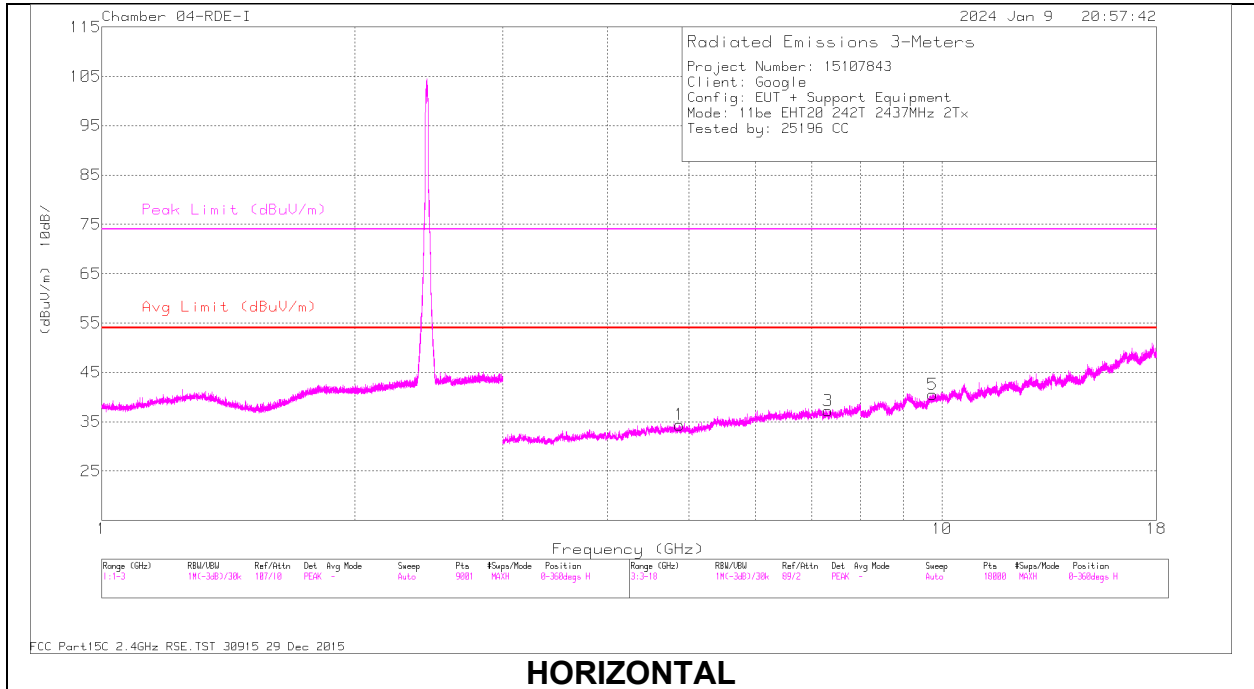
VERTICAL

RADIATED EMISSIONS

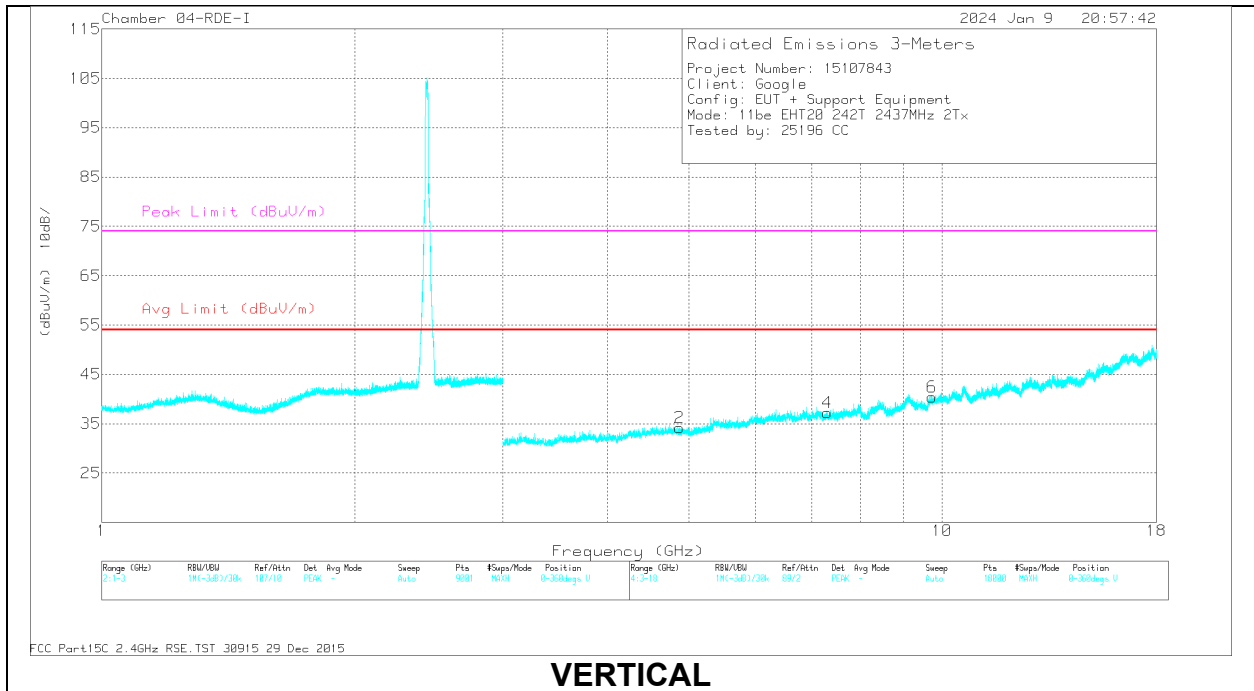
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4827.081	57.31	PK2	34	0	-46.78	44.53	-	-	74	-29.47	354	230	H
	* ** 4829.958	45.87	MAv1	34	.18	-46.95	33.1	54	-20.9	-	-	354	230	H
3	* ** 7313.438	55.76	PK2	35.4	0	-44.23	46.93	-	-	74	-27.07	356	305	H
	* ** 7407.104	43.86	MAv1	35.4	.18	-44.07	35.37	54	-18.63	-	-	356	305	H
2	* ** 4827.02	57.2	PK2	34	0	-46.77	44.43	-	-	74	-29.57	318	157	V
	* ** 4823.58	45.67	MAv1	34	.18	-46.79	33.06	54	-20.94	-	-	318	157	V
4	* ** 7353.646	54.61	PK2	35.4	0	-44.28	45.73	-	-	74	-28.27	291	109	V
	* ** 7411.479	43.72	MAv1	35.4	.18	-44.27	35.03	54	-18.97	-	-	291	109	V
6	9651.053	54.39	PK2	36.8	0	-42.18	49.01	-	-	74	-24.99	233	350	V
5	9652.471	55.01	PK2	36.8	0	-42.22	49.59	-	-	74	-24.41	167	119	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.869054	38.55	PK2	34	-26.7	0	45.85	-	-	74	-28.15	360	200	H
	*** 4.869215	27.22	MAV1	34	-26.7	.18	34.71	54	-19.29	-	-	360	200	H
3	*** 7.321049	37.05	PK2	35.6	-24.4	0	48.25	-	-	74	-25.75	360	101	H
	*** 7.321893	25.18	MAV1	35.6	-24.3	.18	36.67	54	-17.33	-	-	360	101	H
2	*** 4.869555	38.83	PK2	34	-26.8	0	46.03	-	-	74	-27.97	360	200	V
	*** 4.869026	27.09	MAV1	34	-26.7	.18	34.58	54	-19.42	-	-	360	200	V
4	*** 7.306537	37.44	PK2	35.6	-24.3	0	48.74	-	-	74	-25.26	360	200	V
	*** 7.305571	25.69	MAV1	35.6	-24.3	.18	37.18	54	-16.82	-	-	360	200	V
6	9.73121	23.99	Pk	36.7	-20.3	0	40.39	-	-	74	-33.61	290	141	V
5	9.742044	24.14	Pk	36.7	-20.3	0	40.54	-	-	74	-33.46	290	141	H

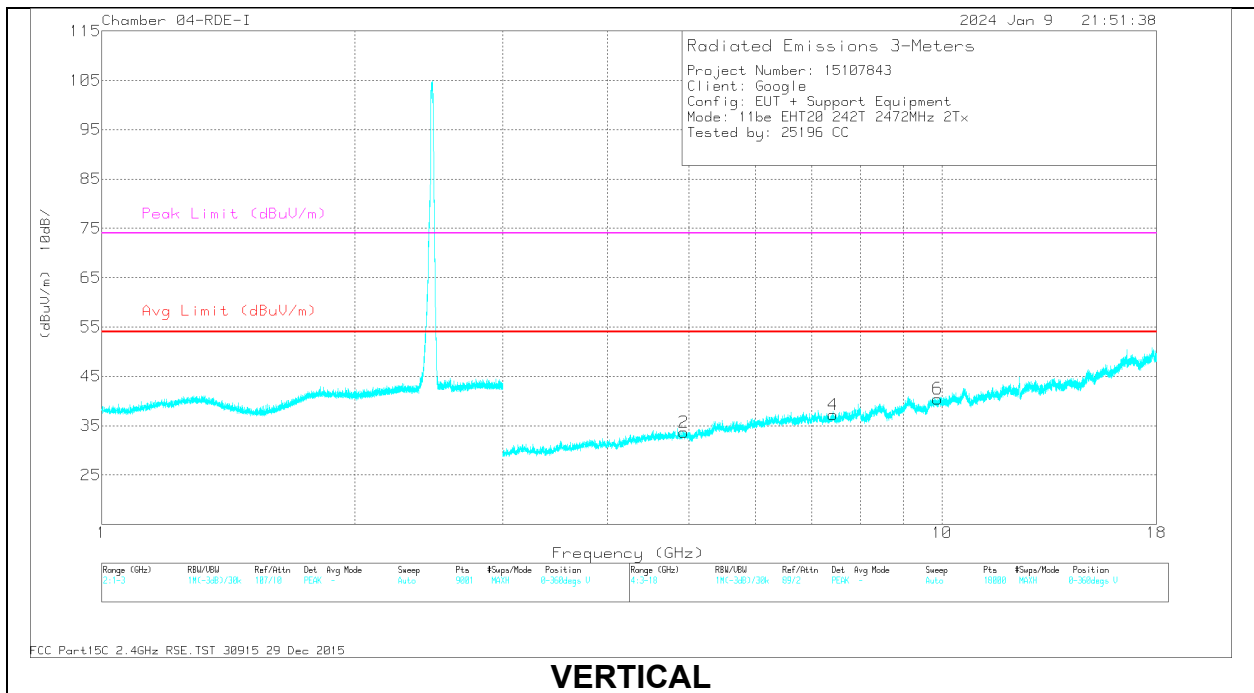
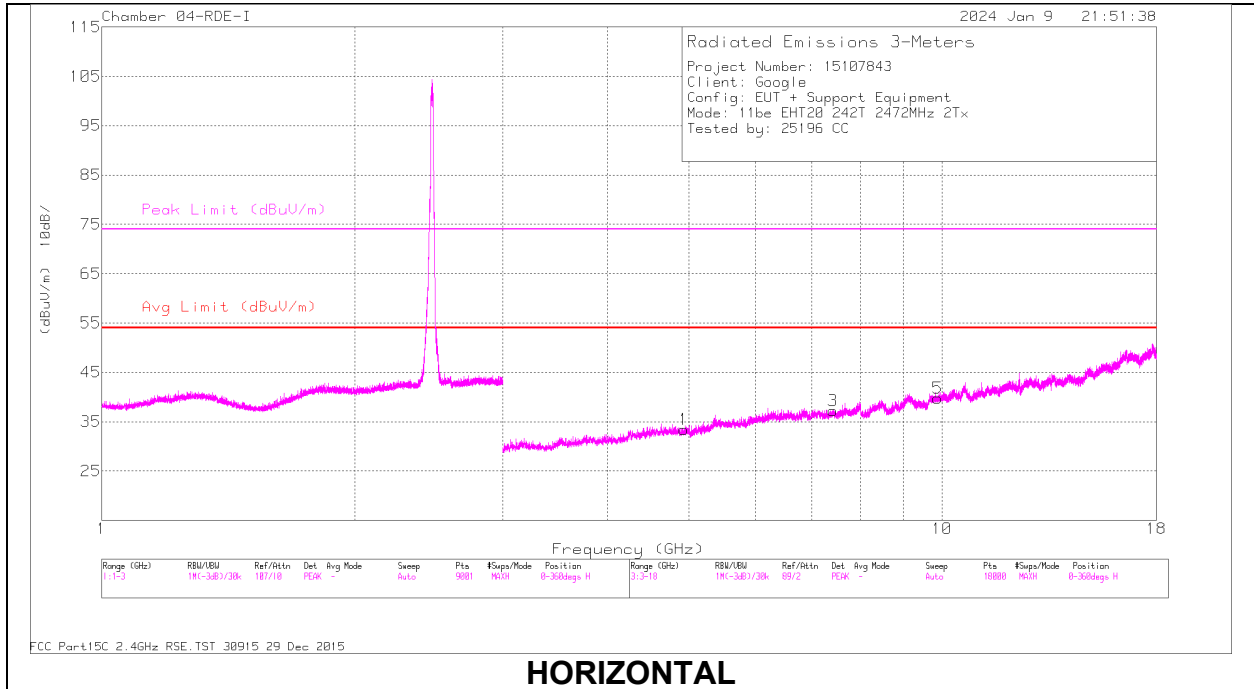
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL 13 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.935004	39.26	PK2	34	-27.3	0	45.96	-	-	74	-28.04	360	100	H
	*** 4.9337	27.39	MAv1	34	-27.2	.18	34.38	54	-19.62	-	-	360	100	H
3	*** 7.425531	36.16	PK2	35.6	-23.1	0	48.66	-	-	74	-25.34	360	100	H
	*** 7.422154	24.57	MAv1	35.6	-23.2	.18	37.16	54	-16.84	-	-	360	100	H
2	*** 4.926561	38.95	PK2	34	-27.1	0	45.85	-	-	74	-28.15	360	199	V
	*** 4.926061	27.42	MAv1	34	-27.1	.18	34.51	54	-19.49	-	-	360	199	V
4	*** 7.418747	36.6	PK2	35.6	-23.2	0	49	-	-	74	-25	360	199	V
	*** 7.418295	24.73	MAv1	35.6	-23.2	.18	37.32	54	-16.68	-	-	360	199	V
5	9.882885	24.42	Pk	36.9	-21.5	0	39.82	-	-	74	-34.18	260	101	H
6	9.884552	25.16	Pk	36.9	-21.6	0	40.46	-	-	74	-33.54	289	199	V

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

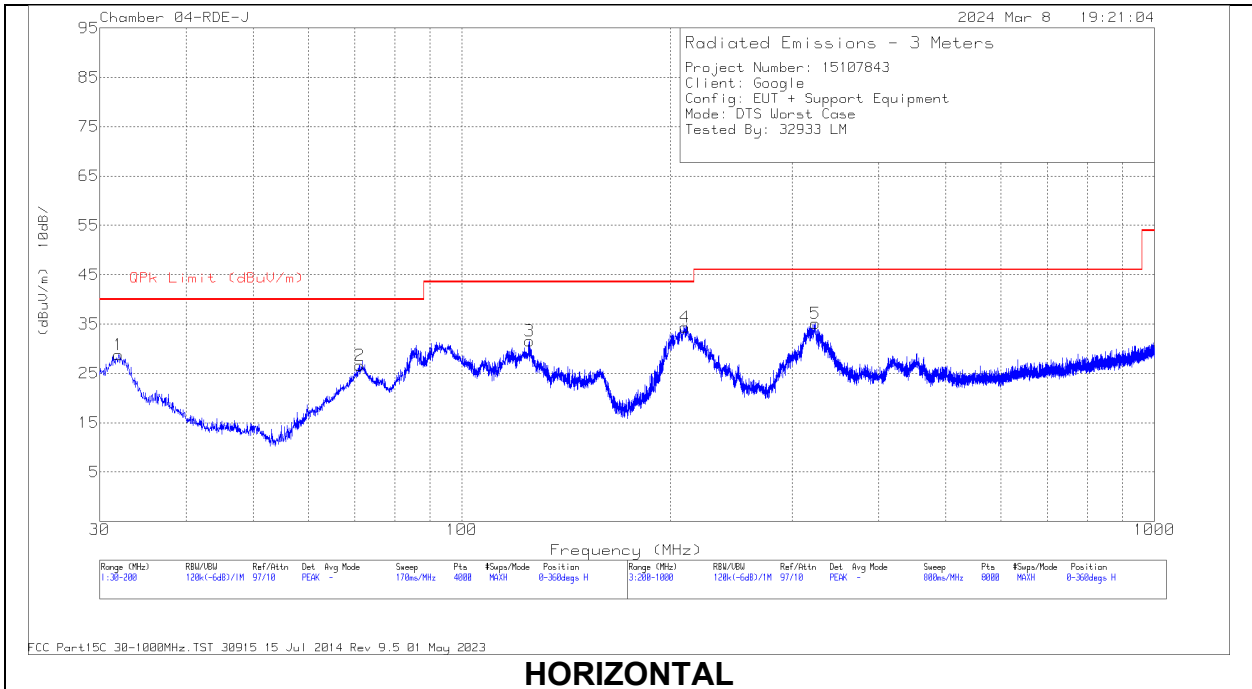
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

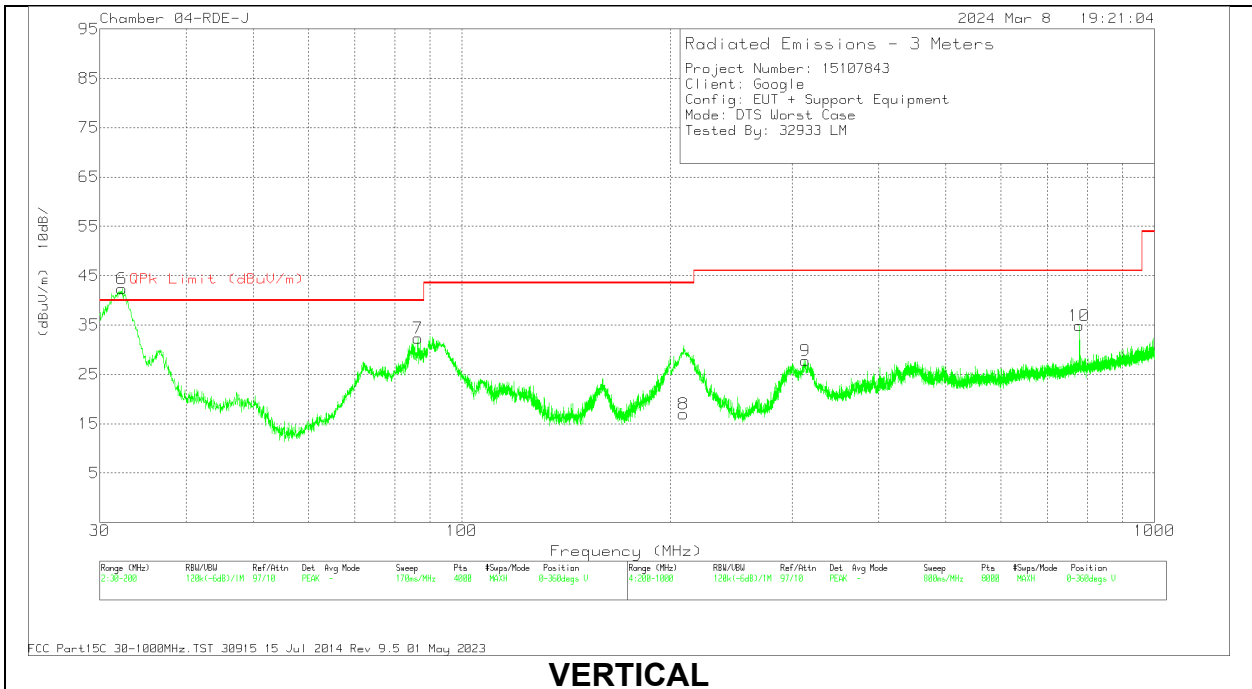
MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2. WORST CASE BELOW 1 GHz

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



HORIZONTAL



VERTICAL

Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80293 ACF (dB/m)	CBL/AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 125.182	41.87	Pk	20	-30.3	31.57	43.52	-11.95	0-360	199	H
5	* 324.116	45.25	Pk	19.8	-29.9	35.15	46.02	-10.87	0-360	99	H
1	31.9555	34.94	Pk	25.3	-31.5	28.74	40	-11.26	0-360	299	H
6	32.3133	44.2	Qp	25.1	-31.6	37.7	40	-2.3	32	102	V
2	71.2357	43.86	Pk	14	-31.2	26.66	40	-13.34	0-360	199	H
7	86.4546	49.85	Pk	13.5	-31	32.35	40	-7.65	0-360	100	V
8	208.901	30.78	Pk	16.6	-30.4	16.98	43.52	-26.54	0-360	99	V
4	209.801	48.41	Pk	16.5	-30.5	34.41	43.52	-9.11	0-360	99	H
9	313.215	37.88	Pk	19.7	-29.8	27.78	46.02	-18.24	0-360	99	V
10	779.175	36.5	Pk	26.8	-28.4	34.9	46.02	-11.12	0-360	99	V

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

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	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

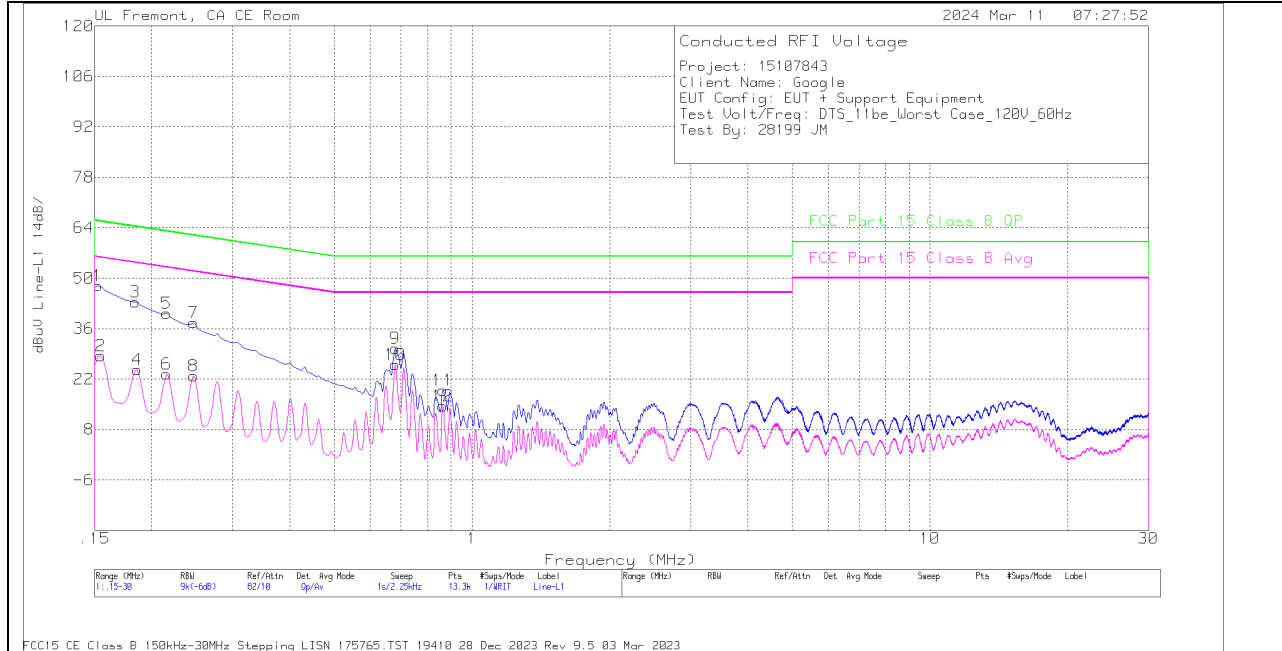
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

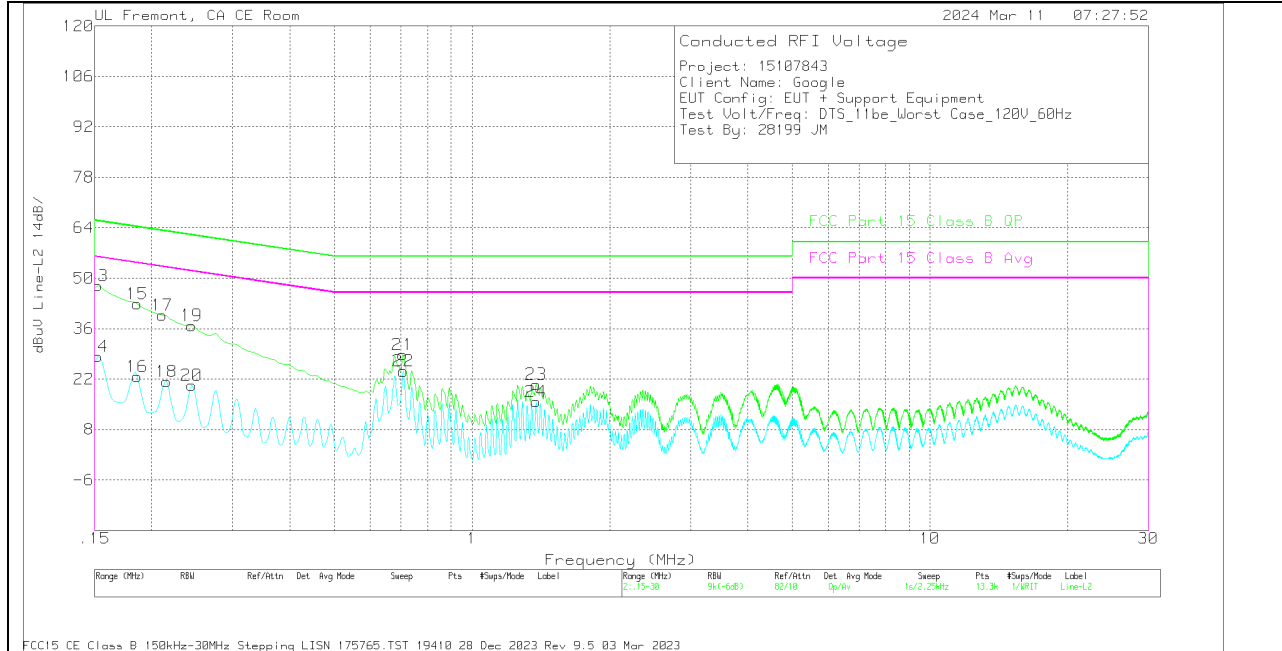
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trms Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15C QP Limit (dBuV)	QP Margin (dB)	FCC Part 15C Avg Limit (dBuV)	Av Margin (dB)
2	.1545	18.95	Av	0	0	9.5	28.45	-	-	55.75	-27.3
4	.186	15.07	Av	0	.1	9.4	24.57	-	-	54.21	-29.64
6	.2153	13.84	Av	0	.1	9.4	23.34	-	-	53	-29.66
8	.2468	13.44	Av	0	0	9.4	22.84	-	-	51.87	-29.03
10	.6788	16.65	Av	0	.1	9.3	26.05	-	-	46	-19.95
12	.8633	5.14	Av	0	.1	9.3	14.54	-	-	46	-31.46
1	.1523	38.37	Qp	0	0	9.5	47.87	65.88	-18.01	-	-
3	.1838	33.89	Qp	0	.1	9.4	43.39	64.31	-20.92	-	-
5	.2153	30.73	Qp	0	.1	9.4	40.23	63	-22.77	-	-
7	.2468	28.22	Qp	0	0	9.4	37.62	61.87	-24.25	-	-
9	.6788	21.06	Qp	0	.1	9.3	30.46	56	-25.54	-	-
11	.8633	9.41	Qp	0	.1	9.3	18.81	56	-37.19	-	-

Qp - Quasi-Peak detector
 Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trms Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15C QP Limit (dBuV)	QP Margin (dB)	FCC Part 15C Avg Limit (dBuV)	Av Margin (dB)
14	.1523	18.77	Av	0	0	9.5	28.27	-	-	55.88	-27.61
16	.186	13.21	Av	0	.1	9.4	22.71	-	-	54.21	-31.5
18	.2153	11.83	Av	0	.1	9.4	21.33	-	-	53	-31.67
20	.2445	10.81	Av	0	0	9.4	20.21	-	-	51.94	-31.73
22	.708	14.89	Av	0	0	9.3	24.19	-	-	46	-21.81
24	1.3808	6.31	Av	0	.1	9.4	15.81	-	-	46	-30.19
13	.1523	38.44	Qp	0	0	9.5	47.94	65.88	-17.94	-	-
15	.186	33.3	Qp	0	.1	9.4	42.8	64.21	-21.41	-	-
17	.2108	30.32	Qp	0	.1	9.4	39.82	63.18	-23.36	-	-
19	.2445	27.47	Qp	0	0	9.4	36.87	61.94	-25.07	-	-
21	.7058	19.56	Qp	0	0	9.3	28.86	56	-27.14	-	-
23	1.3785	11.03	Qp	0	.1	9.4	20.53	56	-35.47	-	-

Qp - Quasi-Peak detector
 Av - Average detection

12. SETUP PHOTOS

Please refer to 15107843-EP1 for test setup description and setup photos

END OF TEST REPORT