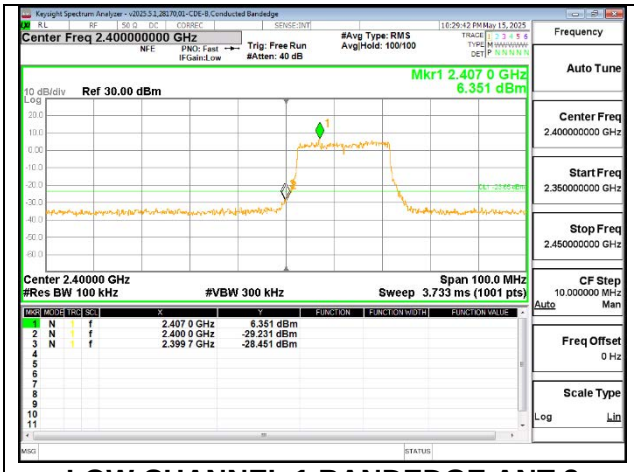
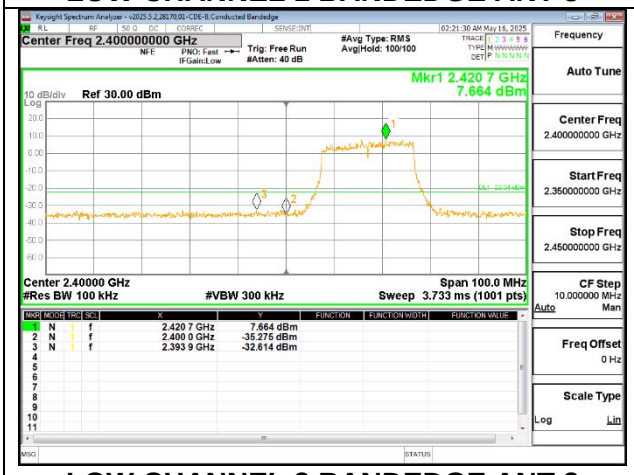
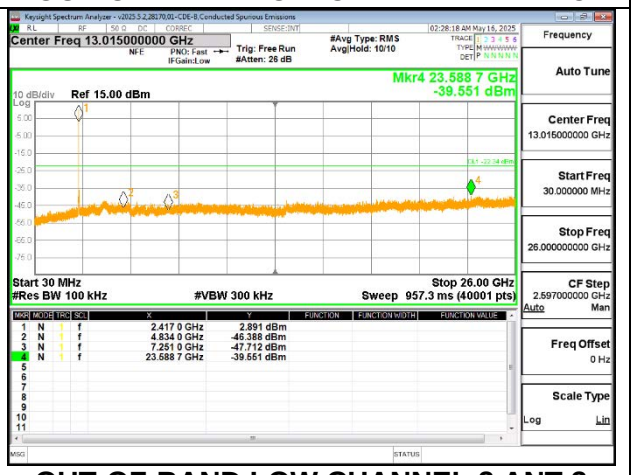


LOW CHANNEL 1 BANDEDGE ANT 3

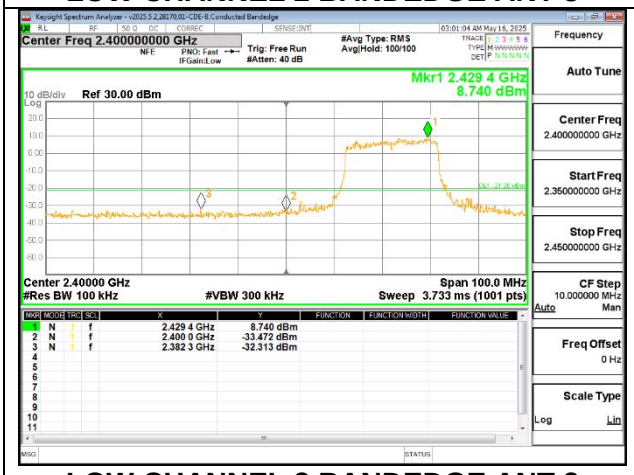
OUT-OF-BAND LOW CHANNEL 1 ANT 3



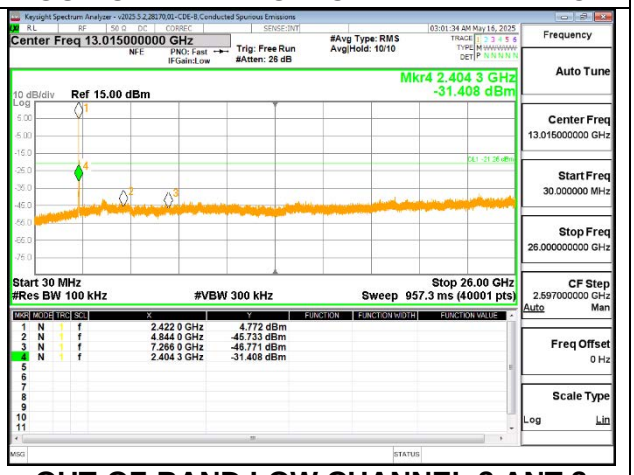
LOW CHANNEL 2 BANDEDGE ANT 3



OUT-OF-BAND LOW CHANNEL 2 ANT 3

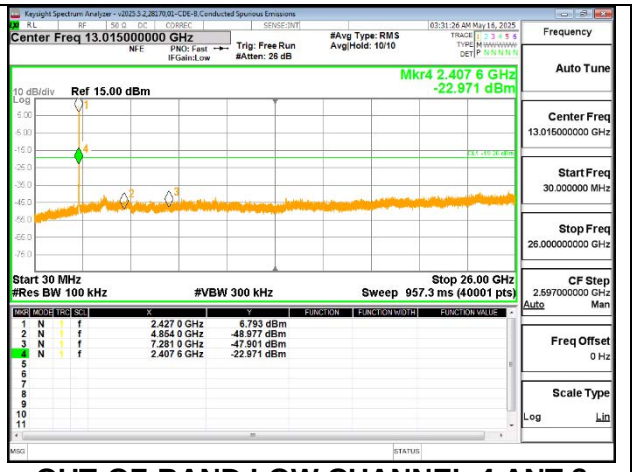


LOW CHANNEL 3 BANDEDGE ANT 3

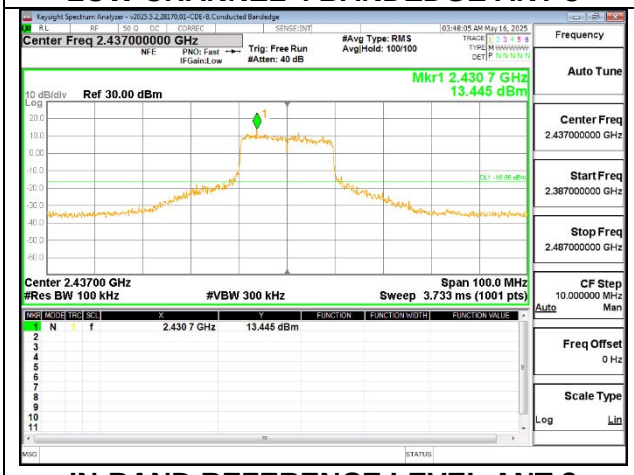


OUT-OF-BAND LOW CHANNEL 3 ANT 3

LOW CHANNEL 4 BANDEDGE ANT 3



OUT-OF-BAND LOW CHANNEL 4 ANT 3



IN-BAND REFERENCE LEVEL ANT 3

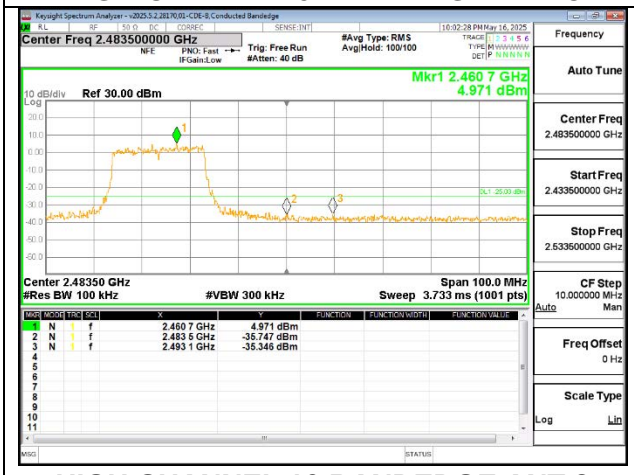
OUT-OF-BAND MID CHANNEL ANT 3

HIGH CHANNEL 8 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 8 ANT 3

HIGH CHANNEL 9 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 9 ANT 3



HIGH CHANNEL 10 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 10 ANT 3

HIGH CHANNEL 11 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 11 ANT 3

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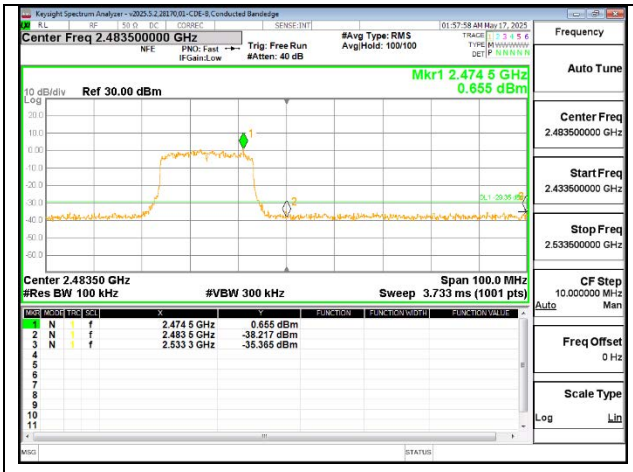
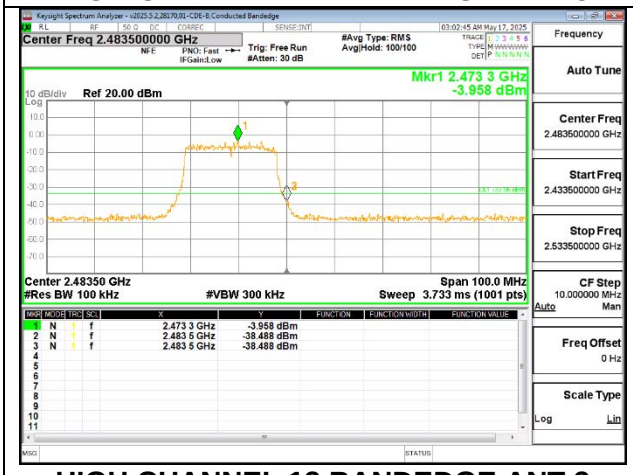


HIGH CHANNEL 12 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 12 ANT 3



HIGH CHANNEL 13 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 13 ANT 3

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10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209
RSS-GEN, Section 8.9 and 8.10

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. Peak detection is used unless otherwise noted as quasi-peak.

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

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

The spectrum from 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.

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 report in the table) using 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 must 15.209(a) limit.

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

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.

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

RESULTS

The plots in these sections are for reference purposes only, showing different bandwidths and antenna configurations.

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10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. 802.11b/n/be SISO MODE – LOW BANDEDGE – CHANNEL 1

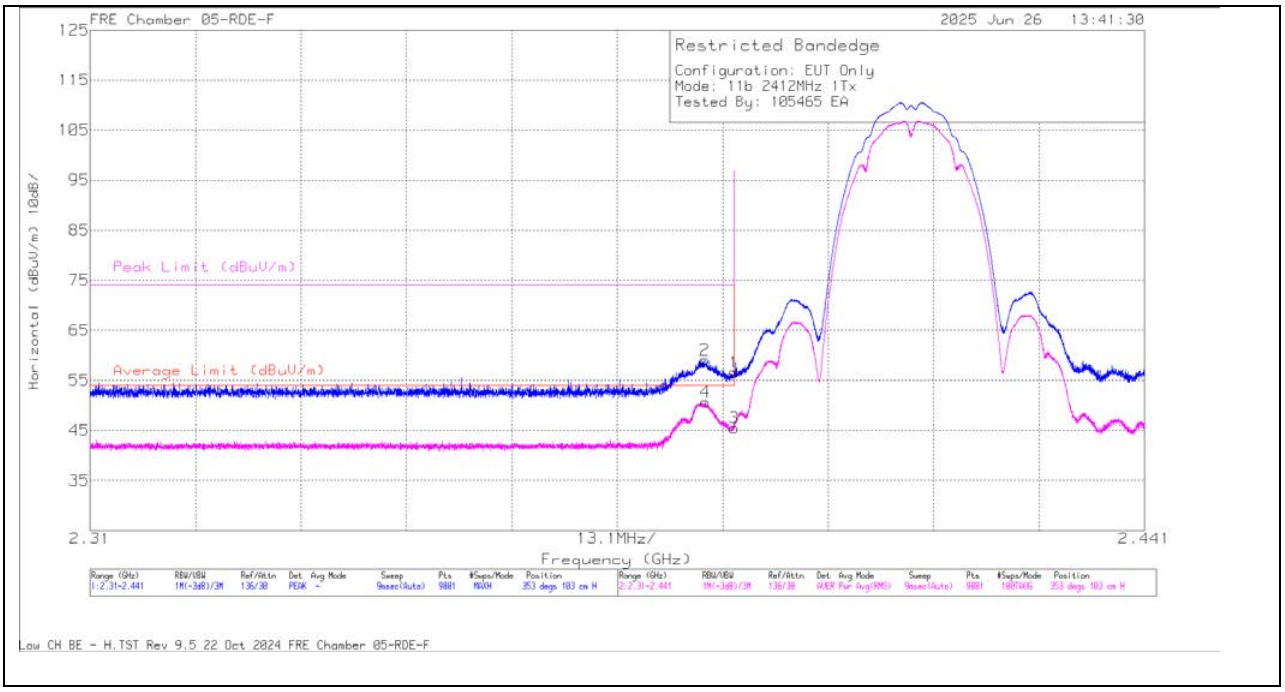
DTS (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2412	4	2.39	64.85	Pk	32.3	0	-40.54	56.61	-	-	74	-17.39	353	103	H
			2.386375	67.28	Pk	32.3	0	-40.57	59.01	-	-	74	-14.99	353	103	H
			2.39	53.72	RMS	32.3	0	-40.54	45.48	54	-8.52	-	-	353	103	H
			2.386434	58.95	RMS	32.3	0	-40.57	50.68	54	-3.32	-	-	353	103	H
			2.39	62.61	Pk	32.3	0	-40.54	54.37	-	-	74	-19.63	76	120	V
			2.335997	63.65	Pk	32.1	0	-40.54	55.21	-	-	74	-18.79	76	120	V
			2.39	50.7	RMS	32.3	0	-40.54	42.46	54	-11.54	-	-	76	120	V
			2.38834	52.07	RMS	32.3	0	-40.55	43.82	54	-10.18	-	-	76	120	V
		3	* 2.386419	52.14	RMS	32.1	0	-39.71	44.53	54	-9.47	-	-	204	188	H
			* 2.386666	63.3	Pk	32.1	0	-39.71	55.69	-	-	74	-18.31	204	188	H
			* 2.39	61.11	Pk	32.1	0	-39.7	53.51	-	-	74	-20.49	204	188	H
			* 2.39	50.57	RMS	32.1	0	-39.7	42.97	54	-11.03	-	-	204	188	H
			* 2.39	61.05	Pk	32.1	0	-39.7	53.45	-	-	74	-20.55	175	358	V
			* 2.38754	62.69	Pk	32.1	0	-39.7	55.09	-	-	74	-18.91	175	358	V
			* 2.39	50.42	RMS	32.1	0	-39.7	42.82	54	-11.18	-	-	175	358	V
			* 2.386332	51.73	RMS	32.1	0	-39.71	44.12	54	-9.88	-	-	175	358	V
HT20	2412	4	2.39	70.86	Pk	32	0	-38.81	64.05	-	-	74	-9.95	119	132	H
			* 2.38984	76.01	Pk	32	0	-38.82	69.19	-	-	74	-4.81	119	132	H
			* 2.390	54.61	RMS	32	0	-38.81	47.8	54	-6.2	-	-	119	132	H
			* 2.389665	55.74	RMS	32	0	-38.83	48.91	54	-5.09	-	-	119	132	H
			* 2.390	59.71	Pk	32	0	-38.81	52.9	-	-	74	-21.1	200	268	V
			* 2.324527	63.33	Pk	31.7	0	-39.1	55.93	-	-	74	-18.07	200	268	V
			* 2.390	48.97	RMS	32	0	-38.81	42.16	54	-11.84	-	-	200	268	V
			* 2.389243	50.58	RMS	32	0	-38.86	43.72	54	-10.28	-	-	200	268	V
		3	* 2.39	64.87	Pk	32.2	0	-28.2	68.87	-	-	74	-5.13	202	355	H
			* 2.389478	65.14	Pk	32.2	0	-28.2	69.14	-	-	74	-4.86	202	355	H
			* 2.39	44.62	RMS	32.2	0	-28.2	48.62	54	-5.38	-	-	202	355	H
			* 2.389936	45.34	RMS	32.2	0	-28.2	49.34	54	-4.66	-	-	202	355	H
			* 2.39	63.12	Pk	32.2	0	-28.2	67.12	-	-	74	-6.88	236	276	V
			* 2.389936	63.89	Pk	32.2	0	-28.2	67.89	-	-	74	-6.11	236	276	V
			* 2.39	42.53	RMS	32.2	0	-28.2	46.53	54	-7.47	-	-	236	276	V
			* 2.389772	43.19	RMS	32.2	0	-28.2	47.19	54	-6.81	-	-	236	276	V
EHT20 (SU Mode)	2412	4	* 2.39	72.77	Pk	32.1	0	-39.7	65.17	-	-	74	-8.83	132	129	H
			* 2.389854	76.84	Pk	32.1	0	-39.7	69.24	-	-	74	-4.76	132	129	H
			* 2.39	57.29	RMS	32.1	0	-39.7	49.69	54	-4.31	-	-	132	129	H
			* 2.38968	57.99	RMS	32.1	0	-39.7	50.39	54	-3.61	-	-	132	129	H
			* 2.39	60.99	Pk	32.1	0	-39.7	53.39	-	-	74	-20.61	236	393	V
			* 2.358719	62.92	Pk	32	0	-39.73	55.19	-	-	74	-18.81	236	393	V
			* 2.39	49.87	RMS	32.1	0	-39.7	42.27	54	-11.73	-	-	236	393	V
			* 2.371907	50.76	RMS	32.1	0	-39.72	43.14	54	-10.86	-	-	236	393	V
		3	2.389927	55.47	RMS	32	0	-40.35	47.12	54	-6.88	-	-	324	149	H
			2.389971	76.89	Pk	32	0	-40.36	68.53	-	-	74	-5.47	324	149	H
			2.39	74.82	Pk	32	0	-40.36	66.46	-	-	74	-7.54	324	149	H
			2.39	54.62	RMS	32	0	-40.36	46.26	54	-7.74	-	-	324	149	H
			2.387816	51.91	RMS	32	0	-40.24	43.67	54	-10.33	-	-	272	125	V
			2.389388	65.54	Pk	32	0	-40.32	57.22	-	-	74	-16.78	272	125	V
			2.39	64.25	Pk	32	0	-40.36	55.89	-	-	74	-18.11	272	125	V
			2.39	50.67	RMS	32	0	-40.36	42.31	54	-11.69	-	-	272	125	V
EHT20 (RU 26 / Index 0)	2412	4	* 2.39	76.52	Pk	32.1	0	-40.2	68.42	-	-	74	-5.58	134	133	H
			* 2.389883	77.47	Pk	32.1	0	-40.2	69.37	-	-	74	-4.63	134	133	H
			* 2.39	52.02	RMS	32.1	0	-40.2	43.92	54	-10.08	-	-	134	133	H
			* 2.389694	55.01	RMS	32.1	0	-40.2	46.91	54	-7.09	-	-	134	133	H
			* 2.39	61.66	Pk	32.1	0	-40.2	53.56	-	-	74	-20.44	182	320	V
			* 2.389883	64.39	Pk	32.1	0	-40.2	56.29	-	-	74	-17.71	182	320	V
			* 2.39	49.95	RMS	32.1	0	-40.2	41.85	54	-12.15	-	-	182	320	V
			* 2.374134	50.91	RMS	32.1	0	-40.2	42.81	54	-11.19	-	-	182	320	V
		3	* 2.39	60.46	Pk	32.1	0	-39.7	52.86	-	-	74	-21.14	299	173	H
			* 2.381499	63.2	Pk	32.1	0	-39.69	55.61	-	-	74	-18.39	299	173	H
			* 2.39	49.83	RMS	32.1	0	-39.7	42.23	54	-11.77	-	-	299	173	H
			* 2.363668	50.82	RMS	32	0	-39.7	43.12	54	-10.88	-	-	299	173	H
			* 2.39	59.78	Pk	32.1	0	-39.7	52.18	-	-	74	-21.82	64	286	V
			* 2.376579	62.83	Pk	32.1	0	-39.7	55.23	-	-	74	-18.77	64	286	V
			* 2.39	49.87	RMS	32.1	0	-39.7	42.27	54	-11.73	-	-	64	286	V
			* 2.360975	50.86	RMS	32	0	-39.71	43.15	54	-10.85	-	-	64	286	V

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

1TX Antenna 4: 802.11b Mode

BANDEDGE (LOW CHANNEL / 2412MHz)

HORIZONTAL RESULT

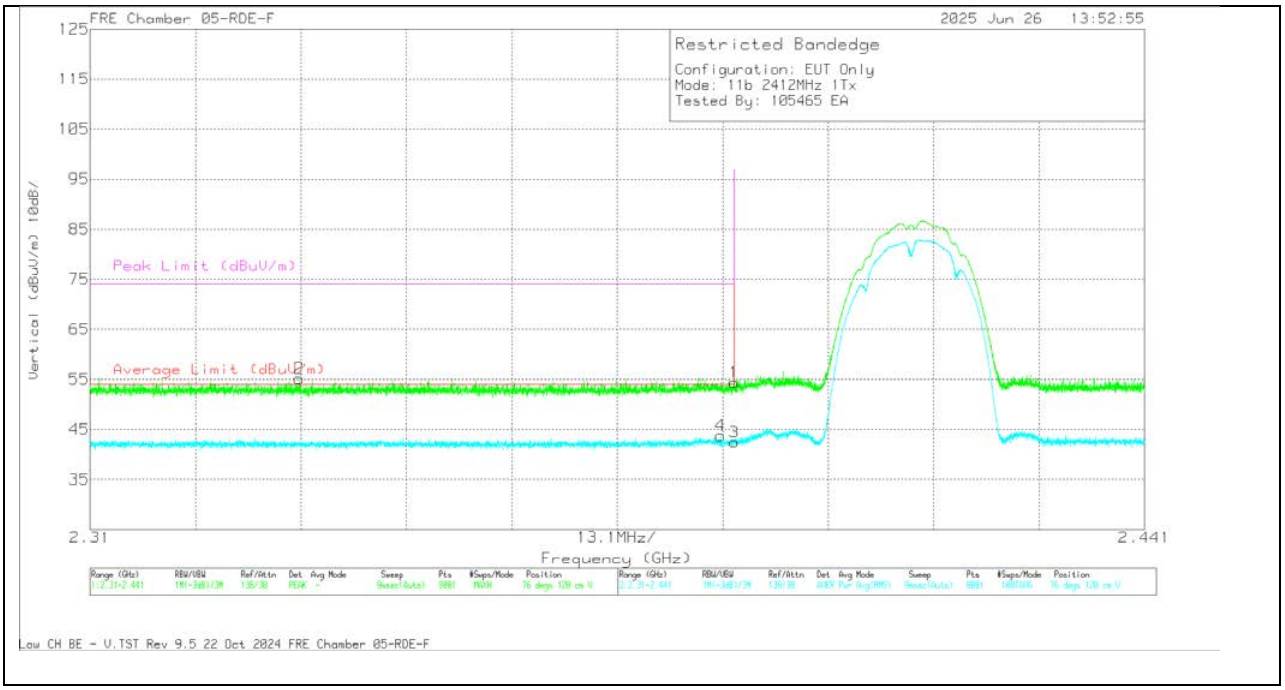


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	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	2.39	64.85	Pk	32.3	0	-40.54	56.61	-	-	74	-17.39	353	103	H
2	2.386375	67.28	Pk	32.3	0	-40.57	59.01	-	-	74	-14.99	353	103	H
3	2.39	53.72	RMS	32.3	0	-40.54	45.48	54	-8.52	-	-	353	103	H
4	2.386434	58.95	RMS	32.3	0	-40.57	50.68	54	-3.32	-	-	353	103	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	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	2.39	62.61	Pk	32.3	0	-40.54	54.37	-	-	74	-19.63	76	120	V
2	2.335997	63.65	Pk	32.1	0	-40.54	55.21	-	-	74	-18.79	76	120	V
3	2.39	50.7	RMS	32.3	0	-40.54	42.46	54	-11.54	-	-	76	120	V
4	2.38834	52.07	RMS	32.3	0	-40.55	43.82	54	-10.18	-	-	76	120	V

Pk - Peak detector
RMS - RMS detection

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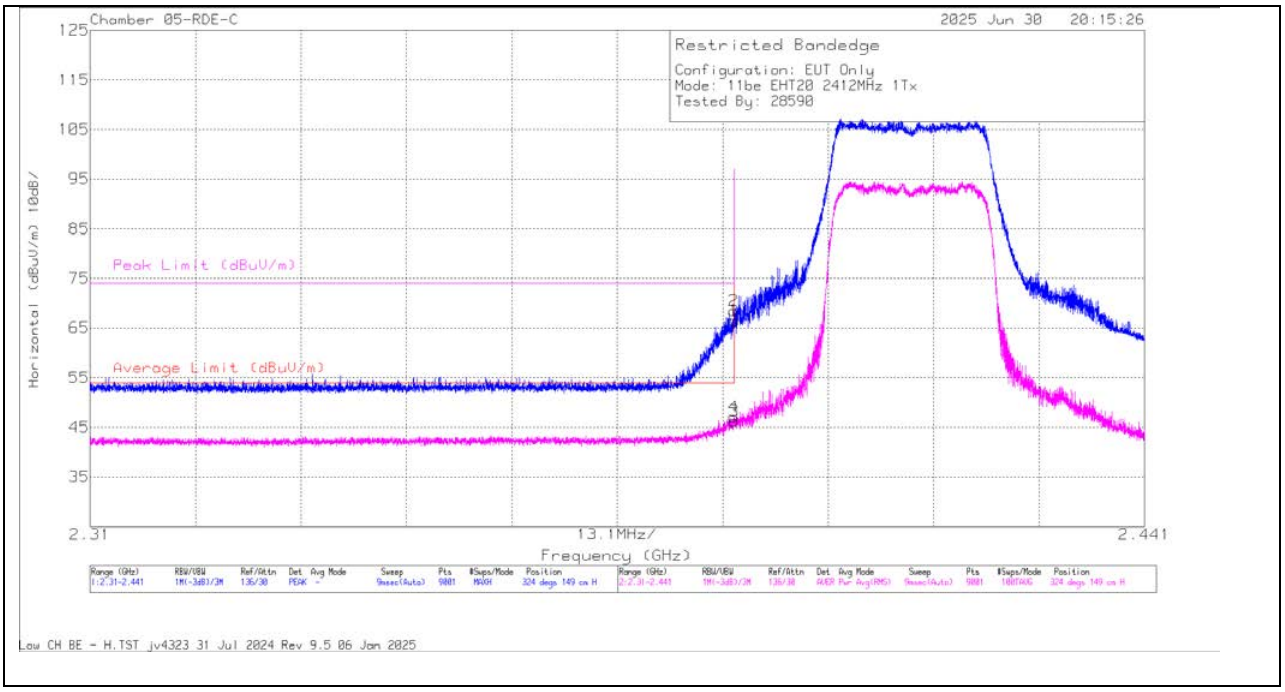
1TX Antenna 3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2412MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.389927	55.47	RMS	32	0	-40.35	47.12	54	-6.88	-	-	324	149	H
2	2.389971	76.89	Pk	32	0	-40.36	68.53	-	-	74	-5.47	324	149	H
1	2.39	74.82	Pk	32	0	-40.36	66.46	-	-	74	-7.54	324	149	H
3	2.39	54.62	RMS	32	0	-40.36	46.26	54	-7.74	-	-	324	149	H

Pk - Peak detector
RMS - RMS detection

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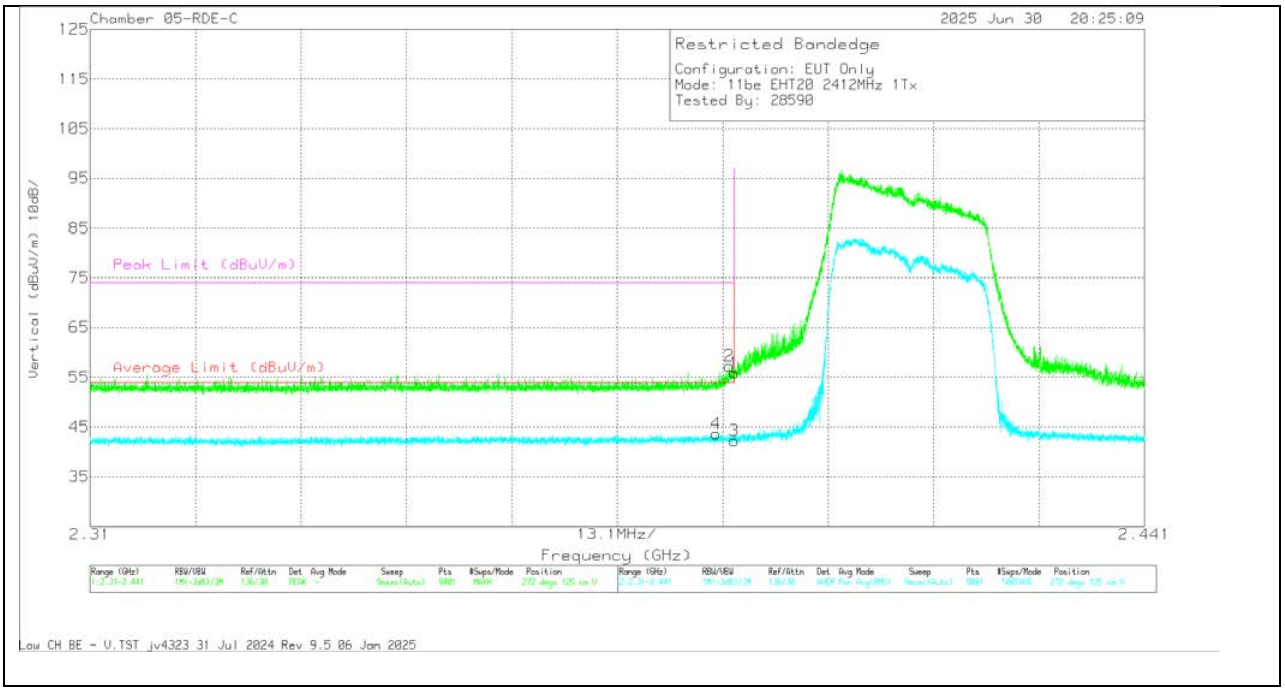
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.387816	51.91	RMS	32	0	-40.24	43.67	54	-10.33	-	-	272	125	V
2	2.389388	65.54	Pk	32	0	-40.32	57.22	-	-	74	-16.78	272	125	V
1	2.39	64.25	Pk	32	0	-40.36	55.89	-	-	74	-18.11	272	125	V
3	2.39	50.67	RMS	32	0	-40.36	42.31	54	-11.69	-	-	272	125	V

Pk - Peak detector
RMS - RMS detection

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10.1.2. 802.11b/n/be SISO MODE – LOW BANDEDGE – CHANNEL 2

DTS (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2417	4	2.39	64.39	Pk	32.3	0	-40.54	56.15	-	-	74	-17.85	351	155	H
			2.388195	65.21	Pk	32.3	0	-40.55	56.96	-	-	74	-17.04	351	155	H
			2.39	55.42	RMS	32.3	0	-40.54	47.18	54	-6.82	-	-	351	155	H
			2.39	55.43	RMS	32.3	0	-40.54	47.19	54	-6.81	-	-	351	155	H
			2.39	62.08	Pk	32.3	0	-40.54	53.84	-	-	74	-20.16	286	360	V
			2.38837	63.67	Pk	32.3	0	-40.55	55.42	-	-	74	-18.58	286	360	V
			2.39	51.59	RMS	32.3	0	-40.54	43.35	54	-10.65	-	-	286	360	V
			2.389563	52.05	RMS	32.3	0	-40.54	43.81	54	-10.19	-	-	286	360	V
		3	* 2.39	60.42	Pk	32.1	0	-39.7	52.82	-	-	74	-21.18	217	188	H
			* 2.350699	63.06	Pk	32	0	-39.69	55.37	-	-	74	-18.63	217	188	H
			* 2.39	50.98	RMS	32.1	0	-39.7	43.38	54	-10.62	-	-	217	188	H
			* 2.389912	51.66	RMS	32.1	0	-39.7	44.06	54	-9.94	-	-	217	188	H
			* 2.39	60.74	Pk	32.1	0	-39.7	53.14	-	-	74	-20.86	168	358	V
			* 2.34246	63.17	Pk	31.9	0	-39.7	55.37	-	-	74	-18.63	168	358	V
			* 2.39	50.88	RMS	32.1	0	-39.7	43.28	54	-10.72	-	-	168	358	V
			* 2.389854	51.23	RMS	32.1	0	-39.7	43.63	54	-10.37	-	-	168	358	V
HT20	2417	4	* 2.39	72.03	Pk	32.1	0	-39.7	64.43	-	-	74	-9.57	114	309	H
			* 2.389869	73.26	Pk	32.1	0	-39.7	65.66	-	-	74	-8.34	114	309	H
			* 2.39	57.91	RMS	32.1	0	-39.7	50.31	54	-3.69	-	-	114	309	H
			* 2.389985	58.02	RMS	32.1	0	-39.7	50.42	54	-3.58	-	-	114	309	H
			* 2.39	72.71	Pk	32.1	0	-39.7	65.11	-	-	74	-8.89	10	250	V
			* 2.38984	75.08	Pk	32.1	0	-39.7	67.48	-	-	74	-6.52	10	250	V
			* 2.39	57.9	RMS	32.1	0	-39.7	50.3	54	-3.7	-	-	10	250	V
			* 2.38984	58.24	RMS	32.1	0	-39.7	50.64	54	-3.36	-	-	10	250	V
		3	* 2.39	57.8	Pk	32.2	0	-28.2	61.8	-	-	74	-12.2	256	293	H
			* 2.389953	58.64	Pk	32.2	0	-28.2	62.64	-	-	74	-11.36	256	293	H
			* 2.39	42.36	RMS	32.2	0	-28.2	46.36	54	-7.64	-	-	256	293	H
			* 2.389822	42.9	RMS	32.2	0	-28.2	46.9	54	-7.1	-	-	256	293	H
			* 2.39	57.6	Pk	32.2	0	-28.2	61.6	-	-	74	-12.4	219	364	V
			* 2.389428	58.54	Pk	32.2	0	-28.2	62.54	-	-	74	-11.46	219	364	V
			* 2.39	40.87	RMS	32.2	0	-28.2	44.87	54	-9.13	-	-	219	364	V
			* 2.389805	42.28	RMS	32.2	0	-28.2	46.28	54	-7.72	-	-	219	364	V
EHT20 (SU Mode)	2417	4	* 2.39	72.71	Pk	32.1	0	-39.7	65.11	-	-	74	-8.89	141	143	H
			* 2.389971	76.14	Pk	32.1	0	-39.7	68.54	-	-	74	-5.46	141	143	H
			* 2.39	54.83	RMS	32.1	0	-39.7	47.23	54	-6.77	-	-	141	143	H
			* 2.389912	56.77	RMS	32.1	0	-39.7	49.17	54	-4.83	-	-	141	143	H
			* 2.39	71.58	Pk	32.1	0	-39.7	63.98	-	-	74	-10.02	94	348	V
			* 2.389781	73.66	Pk	32.1	0	-39.7	66.06	-	-	74	-7.94	94	348	V
			* 2.39	54.12	RMS	32.1	0	-39.7	46.52	54	-7.48	-	-	94	348	V
			* 2.389549	54.52	RMS	32.1	0	-39.7	46.92	54	-7.08	-	-	94	348	V
		3	2.389956	77.08	Pk	32	0	-40.36	68.72	-	-	74	-5.28	21	314	H
			2.39	74.45	Pk	32	0	-40.36	66.09	-	-	74	-7.91	21	314	H
			2.39	57.58	RMS	32	0	-40.36	49.22	54	-4.78	-	-	21	314	H
			2.39	57.6	RMS	32	0	-40.36	49.24	54	-4.76	-	-	21	314	H
			2.389912	54.12	RMS	32	0	-40.35	45.77	54	-8.23	-	-	352	350	V
			2.39	72.14	Pk	32	0	-40.36	63.78	-	-	74	-10.22	352	350	V
			2.39	72.18	Pk	32	0	-40.36	63.82	-	-	74	-10.18	352	350	V
			2.39	53.27	RMS	32	0	-40.36	44.91	54	-9.09	-	-	352	350	V
EHT20 (RU 26 / Index 0)	2417	4	* 2.39	64.69	Pk	32.1	0	-40.2	56.59	-	-	74	-17.41	182	320	H
			* 2.386434	65.99	Pk	32.1	0	-40.14	57.95	-	-	74	-16.05	182	320	H
			* 2.39	49.81	RMS	32.1	0	-40.2	41.71	54	-12.29	-	-	182	320	H
			* 2.356972	51.14	RMS	32	0	-40.2	42.94	54	-11.06	-	-	182	320	H
			* 2.39	66.52	Pk	32.1	0	-40.2	58.42	-	-	74	-15.58	87	343	V
			* 2.385749	68.24	Pk	32.1	0	-40.1	60.24	-	-	74	-13.76	87	343	V
			* 2.39	50.13	RMS	32.1	0	-40.2	42.03	54	-11.97	-	-	87	343	V
			* 2.384323	51.11	RMS	32.1	0	-40.1	43.11	54	-10.89	-	-	87	343	V
		3	* 2.39	60.81	Pk	32.2	0	-38.6	54.41	-	-	74	-19.59	232	161	H
			* 2.3631	63.01	Pk	32.1	0	-38.6	56.51	-	-	74	-17.49	232	161	H
			* 2.39	49.46	RMS	32.2	0	-38.6	43.06	54	-10.94	-	-	232	161	H
			* 2.382984	50.98	RMS	32.2	0	-38.5	44.68	54	-9.32	-	-	232	161	H
			* 2.39	61.17	Pk	32.2	0	-38.6	54.77	-	-	74	-19.23	204	137	V
			* 2.387423	63.12	Pk	32.2	0	-38.5	56.82	-	-	74	-17.18	204	137	V
			* 2.39	49.87	RMS	32.2	0	-38.6	43.47	54	-10.53	-	-	204	137	V
			* 2.388413	50.94	RMS	32.2	0	-38.5	44.64	54	-9.36	-	-	204	137	V

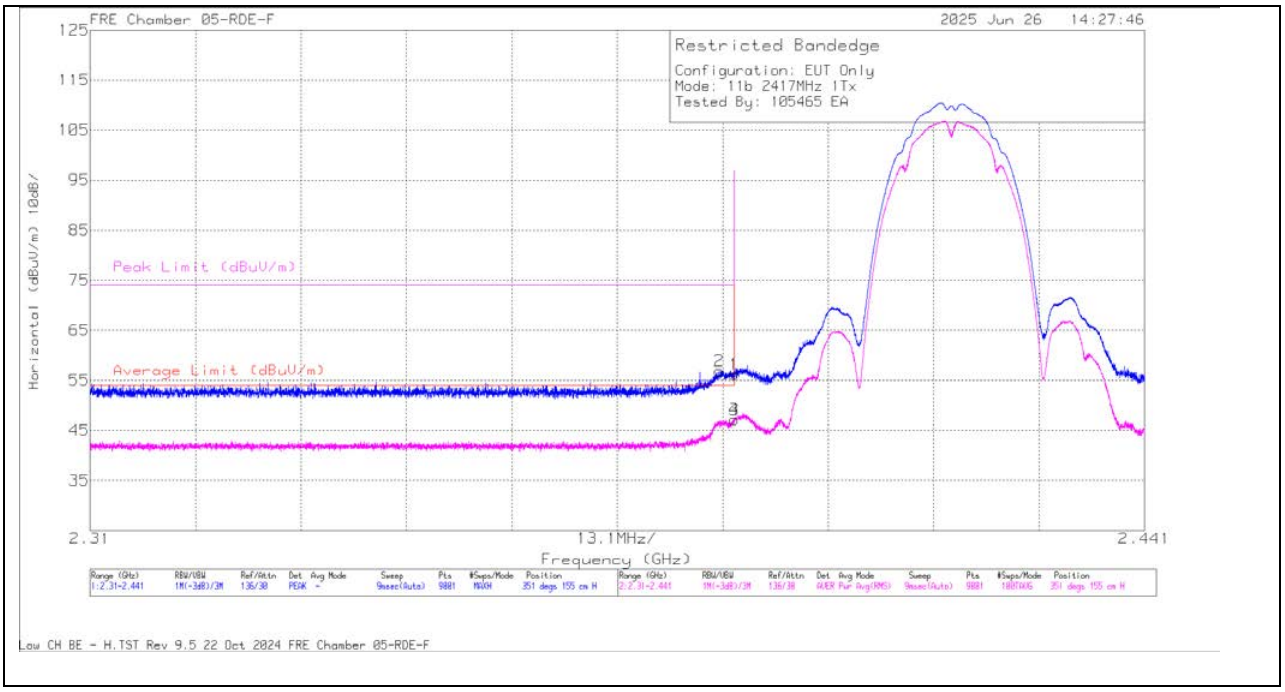
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

1TX Antenna 4: 802.11b Mode

BANDEDGE (LOW CHANNEL / 2417MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	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	2.39	64.39	Pk	32.3	0	-40.54	56.15	-	-	74	-17.85	351	155	H
2	2.388195	65.21	Pk	32.3	0	-40.55	56.96	-	-	74	-17.04	351	155	H
3	2.39	55.42	RMS	32.3	0	-40.54	47.18	54	-6.82	-	-	351	155	H
4	2.39	55.43	RMS	32.3	0	-40.54	47.19	54	-6.81	-	-	351	155	H

Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
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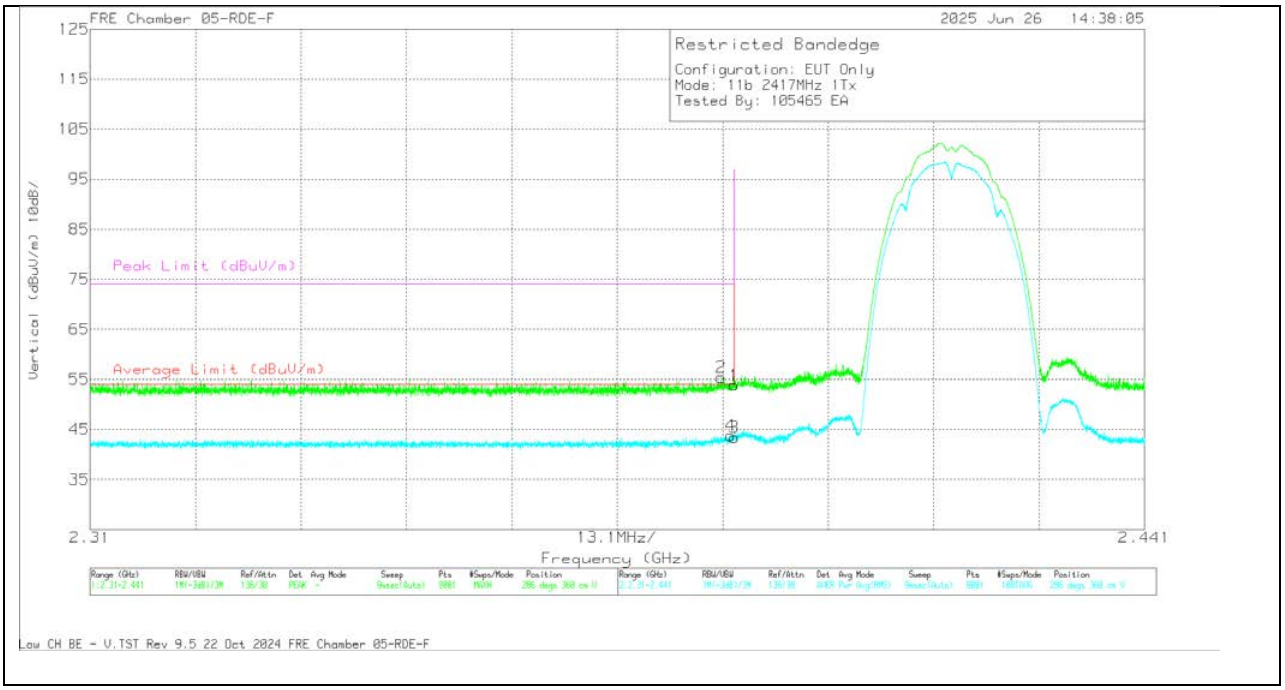
VERTICAL RESULT



Trace Markers

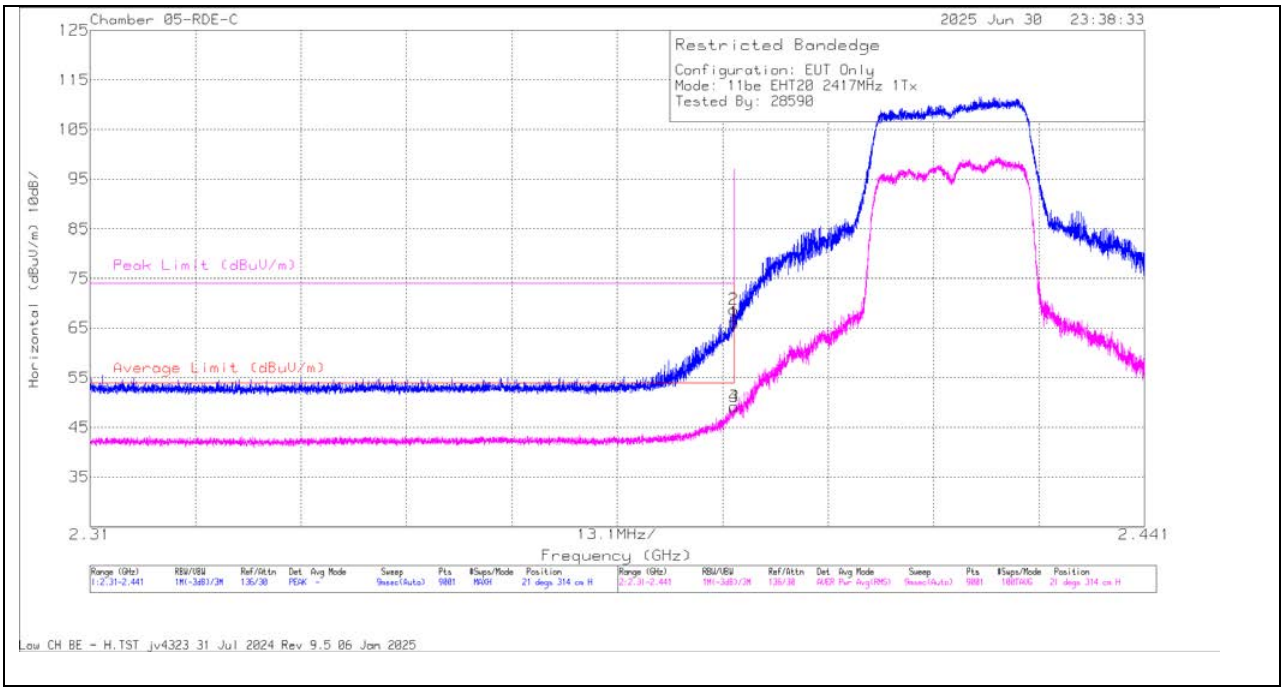
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	62.08	Pk	32.3	0	-40.54	53.84	-	-	74	-20.16	286	360	V
2	2.38837	63.67	Pk	32.3	0	-40.55	55.42	-	-	74	-18.58	286	360	V
3	2.39	51.59	RMS	32.3	0	-40.54	43.35	54	-10.65	-	-	286	360	V
4	2.389563	52.05	RMS	32.3	0	-40.54	43.81	54	-10.19	-	-	286	360	V

Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

1TX Antenna 3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2417MHz)

HORIZONTAL RESULT



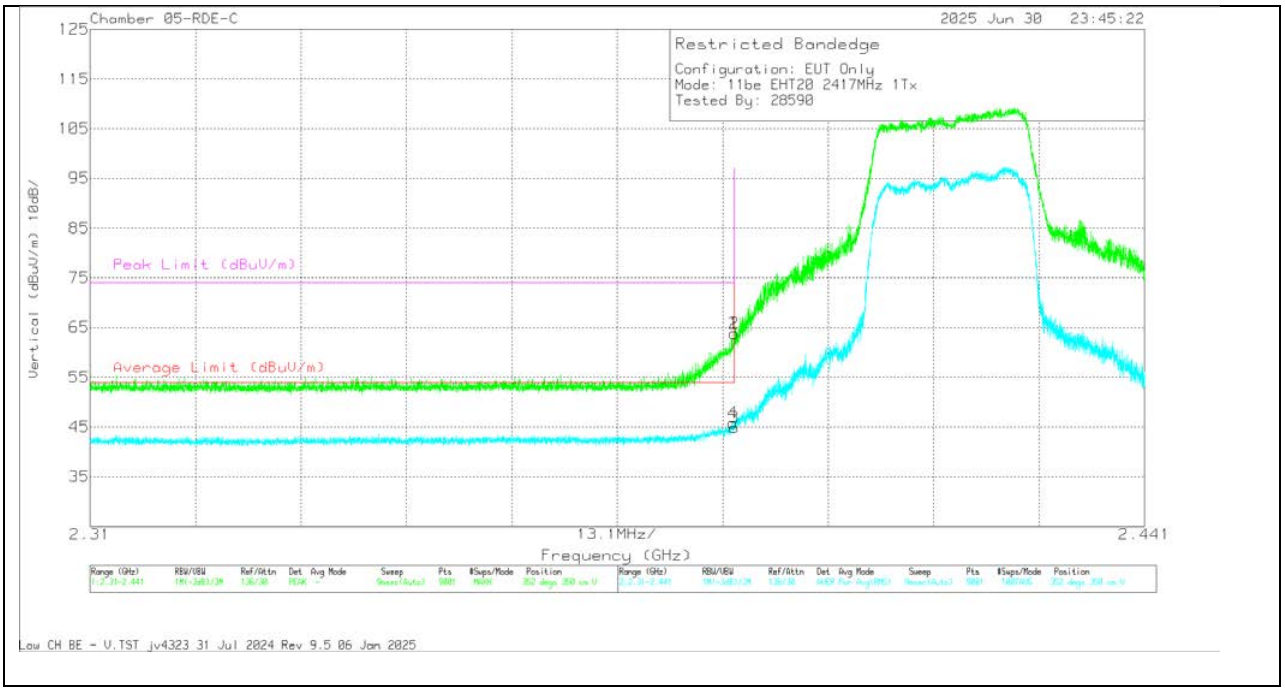
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.389956	77.08	Pk	32	0	-40.36	68.72	-	-	74	-5.28	21	314	H
1	2.39	74.45	Pk	32	0	-40.36	66.09	-	-	74	-7.91	21	314	H
3	2.39	57.58	RMS	32	0	-40.36	49.22	54	-4.78	-	-	21	314	H
4	2.39	57.6	RMS	32	0	-40.36	49.24	54	-4.76	-	-	21	314	H

Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.389912	54.12	RMS	32	0	-40.35	45.77	54	-8.23	-	-	352	350	V
1	2.39	72.14	Pk	32	0	-40.36	63.78	-	-	74	-10.22	352	350	V
2	2.39	72.18	Pk	32	0	-40.36	63.82	-	-	74	-10.18	352	350	V
3	2.39	53.27	RMS	32	0	-40.36	44.91	54	-9.09	-	-	352	350	V

Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
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10.1.3. 802.11b/n/be SISO MODE – HIGH BANDEDGE – CHANNEL 11

DTS (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2462	4	2.4835	62.67	Pk	32.2	0	-40.44	54.43	-	-	74	-19.57	167	114	H
			2.483593	65.17	Pk	32.2	0	-40.44	56.93	-	-	74	-17.07	167	114	H
			2.4835	53.07	RMS	32.2	0	-40.44	44.83	54	-9.17	-	-	167	114	H
			2.487863	53.59	RMS	32.2	0	-40.39	45.4	54	-8.6	-	-	167	114	H
			2.4835	60.89	Pk	32.2	0	-40.44	52.65	-	-	74	-21.35	249	259	V
			2.551034	63.28	Pk	32.4	0	-40.14	55.54	-	-	74	-18.46	249	259	V
			2.4835	50.39	RMS	32.2	0	-40.44	42.15	54	-11.85	-	-	249	259	V
			2.555982	51.28	RMS	32.4	0	-40.14	43.54	54	-10.46	-	-	249	259	V
		3	* 2.4835	62.93	Pk	32.5	0	-39.58	55.85	-	-	74	-18.15	206	184	H
			* 2.483918	63.93	Pk	32.5	0	-39.58	56.85	-	-	74	-17.15	206	184	H
			* 2.4835	52.61	RMS	32.5	0	-39.58	45.53	54	-8.47	-	-	206	184	H
			* 2.48747	53.03	RMS	32.5	0	-39.57	45.96	54	-8.04	-	-	206	184	H
			* 2.4835	63.02	Pk	32.5	0	-39.58	55.94	-	-	74	-18.06	169	382	V
			* 2.484352	63.26	Pk	32.5	0	-39.58	56.18	-	-	74	-17.82	169	382	V
			* 2.4835	51.8	RMS	32.5	0	-39.58	44.72	54	-9.28	-	-	169	382	V
			* 2.487484	52.59	RMS	32.5	0	-39.57	45.52	54	-8.48	-	-	169	382	V
HT20	2462	4	* 2.4835	62.71	Pk	32.4	0	-28.1	67.01	-	-	74	-6.99	85	135	H
			* 2.483629	64.86	Pk	32.4	0	-28.1	69.16	-	-	74	-4.84	85	135	H
			* 2.4835	40.78	RMS	32.4	0	-28.1	45.08	54	-8.92	-	-	85	135	H
			* 2.483538	42.41	RMS	32.4	0	-28.1	46.71	54	-7.29	-	-	85	135	H
			* 2.4835	56.73	Pk	32.4	0	-28.1	61.03	-	-	74	-12.97	31	336	V
			* 2.48369	60.82	Pk	32.4	0	-28.1	65.12	-	-	74	-8.88	31	336	V
			* 2.4835	37.68	RMS	32.4	0	-28.1	41.98	54	-12.02	-	-	31	336	V
			* 2.483995	39.2	RMS	32.4	0	-28.1	43.5	54	-10.5	-	-	31	336	V
		3	* 2.4835	62.03	Pk	32.4	0	-28.1	66.33	-	-	74	-7.67	251	302	H
			* 2.483629	65.05	Pk	32.4	0	-28.1	69.35	-	-	74	-4.65	251	302	H
			* 2.4835	43.44	RMS	32.4	0	-28.1	47.74	54	-6.26	-	-	251	302	H
			* 2.48366	44.11	RMS	32.4	0	-28.1	48.41	54	-5.59	-	-	251	302	H
			* 2.4835	62.25	Pk	32.4	0	-28.1	66.55	-	-	74	-7.45	216	384	V
			* 2.483767	64.87	Pk	32.4	0	-28.1	69.17	-	-	74	-4.83	216	384	V
			* 2.4835	42.28	RMS	32.4	0	-28.1	46.58	54	-7.42	-	-	216	384	V
			* 2.483538	43.43	RMS	32.4	0	-28.1	47.73	54	-6.27	-	-	216	384	V
EHT20 (SU Mode)	2462	4	* 2.4835	62.9	Pk	32.4	0	-28.1	67.2	-	-	74	-6.8	80	221	H
			* 2.483675	64.33	Pk	32.4	0	-28.1	68.63	-	-	74	-5.37	80	221	H
			* 2.4835	37.67	RMS	32.4	0	-28.1	41.97	54	-12.03	-	-	80	221	H
			* 2.484026	39.43	RMS	32.4	0	-28.1	43.73	54	-10.27	-	-	80	221	H
			* 2.4835	60.96	Pk	32.4	0	-28.1	65.26	-	-	74	-8.74	47	380	V
			* 2.483553	63.66	Pk	32.4	0	-28.1	67.96	-	-	74	-6.04	47	380	V
			* 2.4835	36.87	RMS	32.4	0	-28.1	41.17	54	-12.83	-	-	47	380	V
			* 2.483523	39.45	RMS	32.4	0	-28.1	43.75	54	-10.25	-	-	47	380	V
		3	* 2.4835	61.71	Pk	32.4	0	-28.1	66.01	-	-	74	-7.99	238	170	H
			* 2.484438	64.34	Pk	32.4	0	-28.1	68.64	-	-	74	-5.36	238	170	H
			* 2.4835	40.13	RMS	32.4	0	-28.1	44.43	54	-9.57	-	-	238	170	H
			* 2.484209	41.92	RMS	32.4	0	-28.1	46.22	54	-7.78	-	-	238	170	H
			* 2.4835	54.61	Pk	32.4	0	-28.1	58.91	-	-	74	-15.09	48	311	V
			* 2.483675	57.97	Pk	32.4	0	-28.1	62.27	-	-	74	-11.73	48	311	V
			* 2.4835	35.78	RMS	32.4	0	-28.1	40.08	54	-13.92	-	-	48	311	V
			* 2.484895	36.75	RMS	32.4	0	-28.1	41.05	54	-12.95	-	-	48	311	V
EHT20 (RU 26 / Index 8)	2462	4	* 2.4835	61.74	Pk	32.2	0	-39.85	54.09	-	-	74	-19.91	6	158	H
			* 2.488893	63.11	Pk	32.3	0	-39.8	55.61	-	-	74	-18.39	6	158	H
			* 2.4835	50.5	RMS	32.2	0	-39.85	42.85	54	-11.15	-	-	6	158	H
			2.556036	50.94	RMS	32.2	0	-39.6	43.54	54	-10.46	-	-	6	158	H
			* 2.4835	61.33	Pk	32.2	0	-39.85	53.68	-	-	74	-20.32	179	205	V
			* 2.493638	63.25	Pk	32.3	0	-39.8	55.75	-	-	74	-18.25	179	205	V
			* 2.4835	49.84	RMS	32.2	0	-39.85	42.19	54	-11.81	-	-	179	205	V
			2.558043	50.92	RMS	32.2	0	-39.6	43.52	54	-10.48	-	-	179	205	V
		3	* 2.4835	61.63	Pk	32.2	0	-38.3	55.53	-	-	74	-18.47	323	143	H
			* 2.483647	64.68	Pk	32.2	0	-38.3	58.58	-	-	74	-15.42	323	143	H
			* 2.4835	49.8	RMS	32.2	0	-38.3	43.7	54	-10.3	-	-	323	143	H
			2.560144	50.65	RMS	32.4	0	-38	45.05	54	-8.95	-	-	323	143	H
			* 2.4835	60.89	Pk	32.2	0	-38.3	54.79	-	-	74	-19.21	237	370	V
			2.541016	62.82	Pk	32.3	0	-38	57.12	-	-	74	-16.88	237	370	V
			* 2.4835	49.93	RMS	32.2	0	-38.3	43.83	54	-10.17	-	-	237	370	V
			2.56131	50.75	RMS	32.4	0	-38	45.15	54	-8.85	-	-	237	370	V

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

UL Verification Inc.
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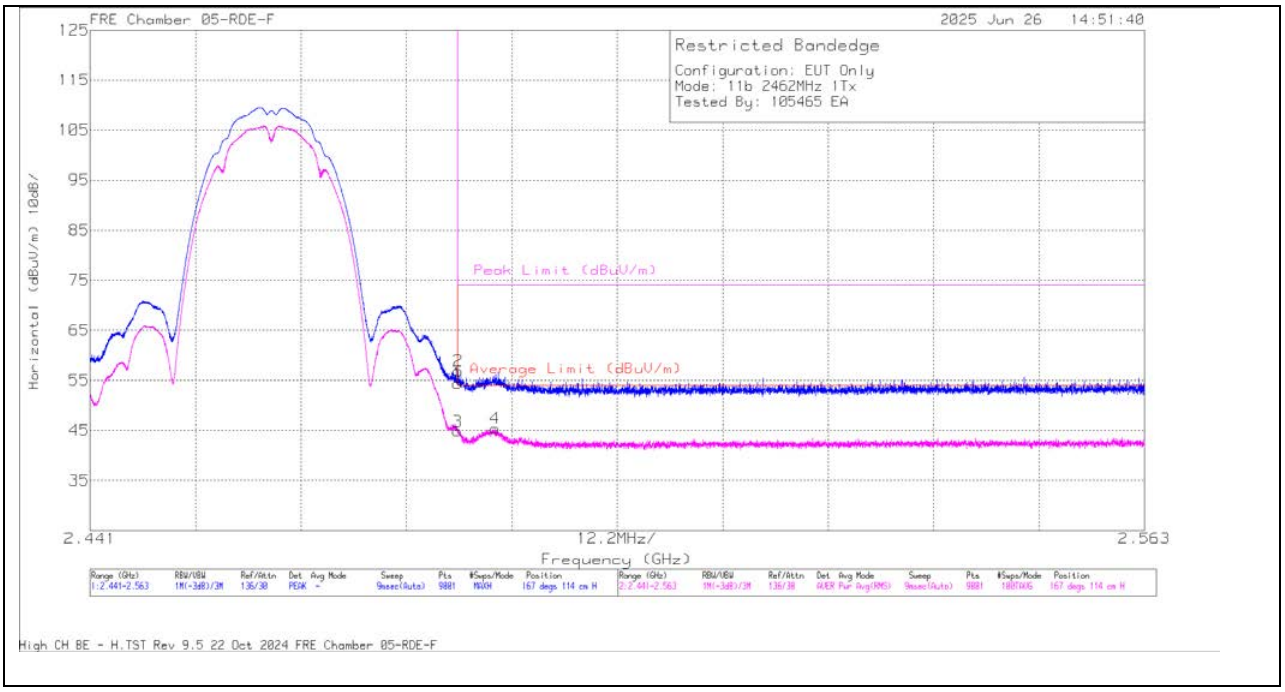
1TX Antenna 4: 802.11b Mode
BANDEDGE (HIGH CHANNEL / 2462MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	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	2.4835	62.67	Pk	32.2	0	-40.44	54.43	-	-	74	-19.57	167	114	H
2	2.483593	65.17	Pk	32.2	0	-40.44	56.93	-	-	74	-17.07	167	114	H
3	2.4835	53.07	RMS	32.2	0	-40.44	44.83	54	-9.17	-	-	167	114	H
4	2.487863	53.59	RMS	32.2	0	-40.39	45.4	54	-8.6	-	-	167	114	H

Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
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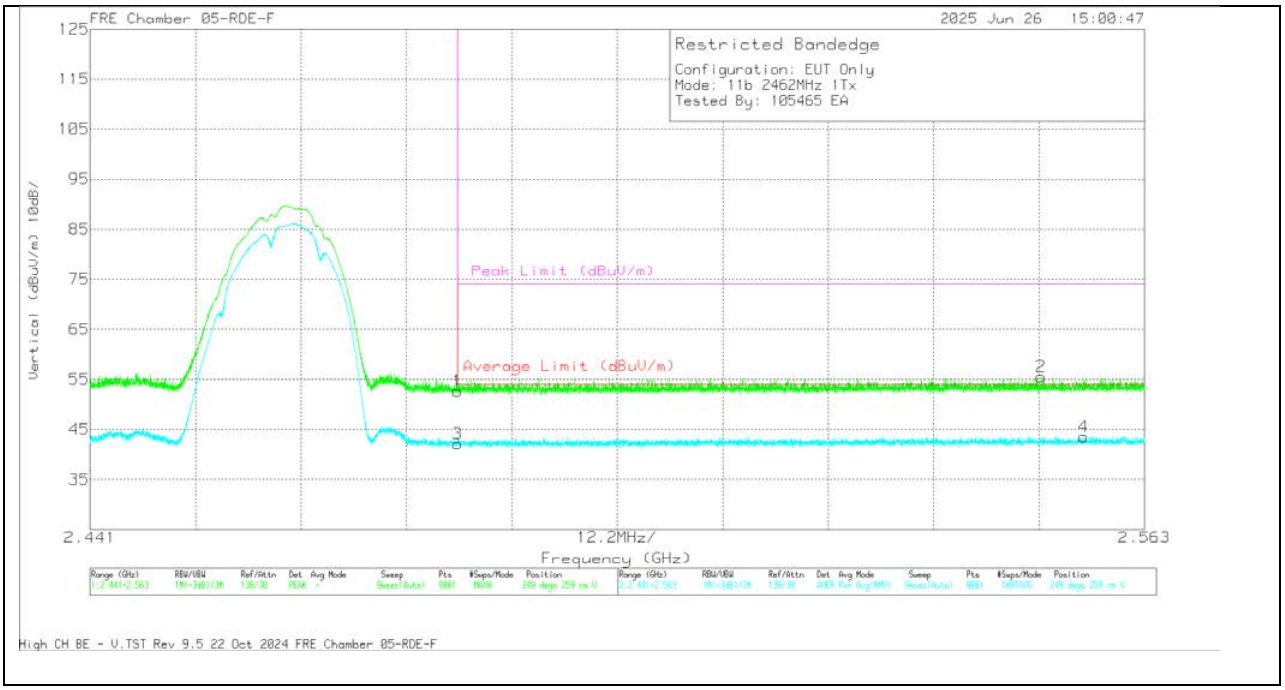
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	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	2.4835	60.89	Pk	32.2	0	-40.44	52.65	-	-	74	-21.35	249	259	V
2	2.551034	63.28	Pk	32.4	0	-40.14	55.54	-	-	74	-18.46	249	259	V
3	2.4835	50.39	RMS	32.2	0	-40.44	42.15	54	-11.85	-	-	249	259	V
4	2.555982	51.28	RMS	32.4	0	-40.14	43.54	54	-10.46	-	-	249	259	V

Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
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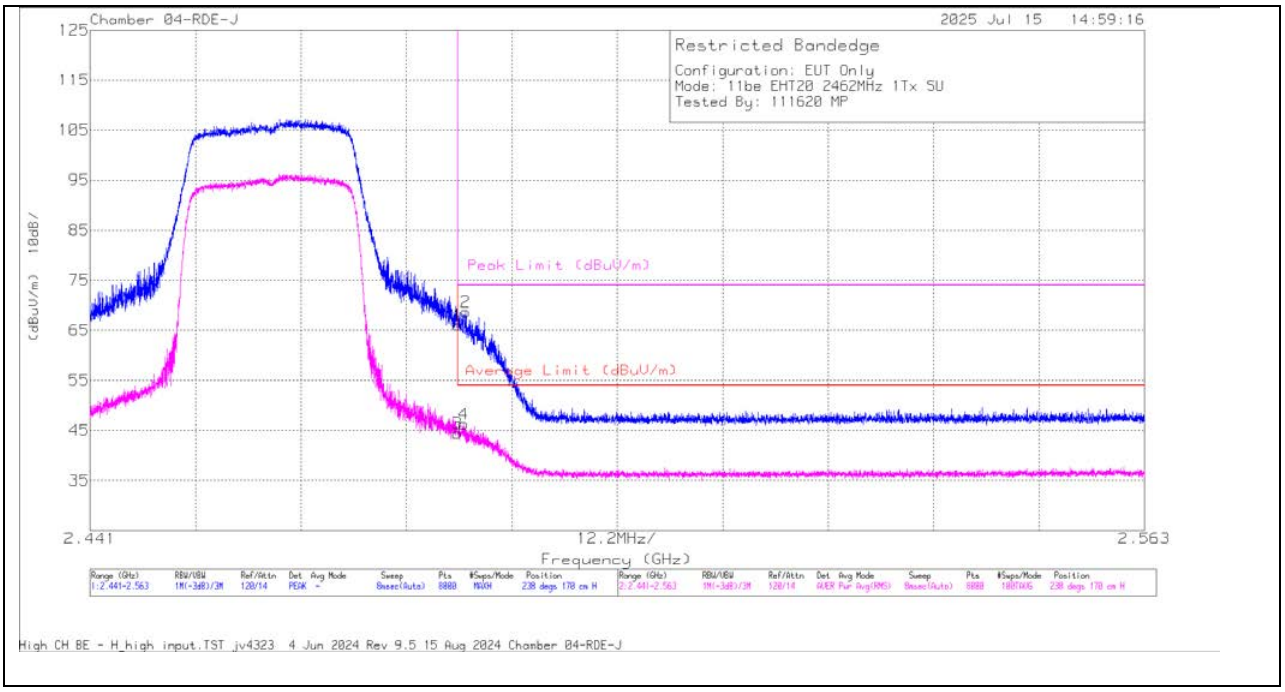
1TX Antenna 3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2462MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	61.71	Pk	32.4	-28.1	0	66.01	-	-	74	-7.99	238	170	H
2	* 2.484438	64.34	Pk	32.4	-28.1	0	68.64	-	-	74	-5.36	238	170	H
3	* 2.4835	40.13	RMS	32.4	-28.1	0	44.43	54	-9.57	-	-	238	170	H
4	* 2.484209	41.92	RMS	32.4	-28.1	0	46.22	54	-7.78	-	-	238	170	H

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

UL Verification Inc.
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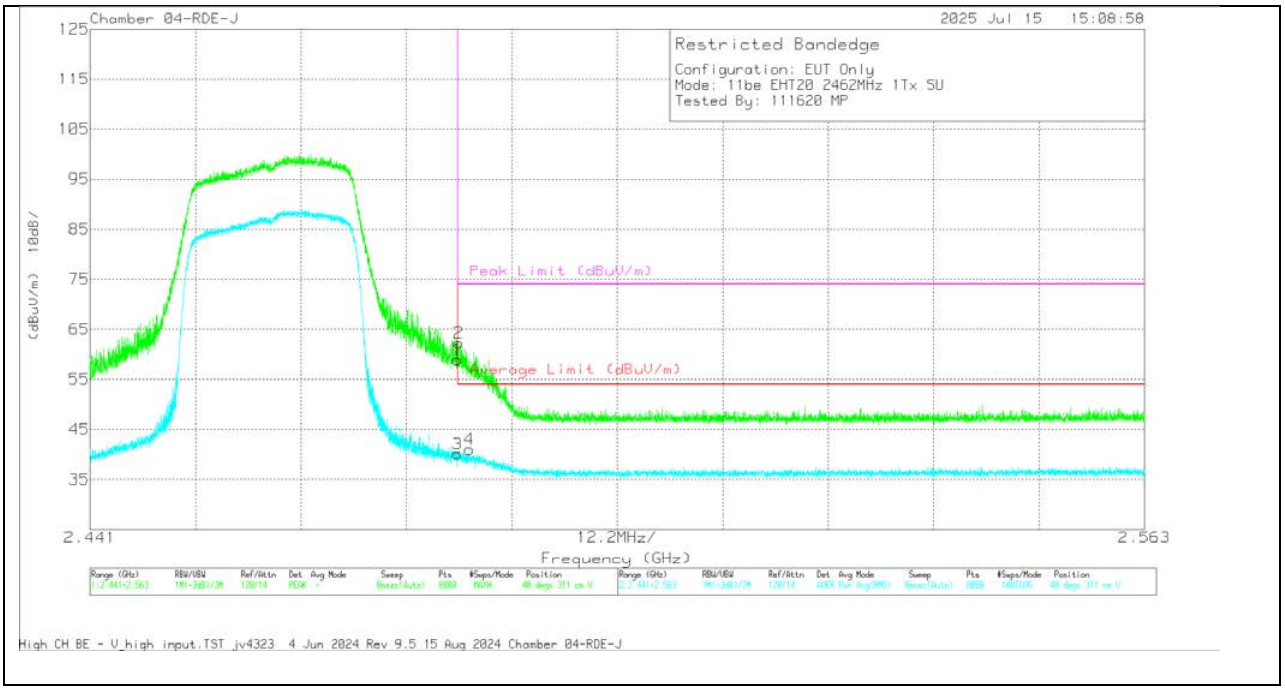
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	54.61	Pk	32.4	-28.1	0	58.91	-	-	74	-15.09	48	311	V
2	* 2.483675	57.97	Pk	32.4	-28.1	0	62.27	-	-	74	-11.73	48	311	V
3	* 2.4835	35.78	RMS	32.4	-28.1	0	40.08	54	-13.92	-	-	48	311	V
4	* 2.484895	36.75	RMS	32.4	-28.1	0	41.05	54	-12.95	-	-	48	311	V

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

10.1.4. 802.11b/n/be SISO MODE – HIGH BANDEDGE – CHANNEL 12

DTS (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2467	4	* 2.4835	66.23	Pk	32.5	0	-39.58	59.15	-	-	74	-14.85	46	120	H
			* 2.4835	56.31	RMS	32.5	0	-39.58	49.23	54	-4.77	-	-	46	120	H
			* 2.484691	67.07	Pk	32.5	0	-39.57	60	-	-	74	-14	46	120	H
			* 2.484705	58.36	RMS	32.5	0	-39.57	51.29	54	-2.71	-	-	46	120	H
			* 2.4835	62.86	Pk	32.5	0	-39.58	55.78	-	-	74	-18.22	23	334	V
			* 2.484447	63.24	Pk	32.5	0	-39.58	56.16	-	-	74	-17.84	23	334	V
			* 2.4835	51.21	RMS	32.5	0	-39.58	44.13	54	-9.87	-	-	23	334	V
			* 2.484894	52.62	RMS	32.5	0	-39.57	45.55	54	-8.45	-	-	23	334	V
		3	* 2.4835	65.46	Pk	32.2	0	-38.3	59.36	-	-	74	-14.64	11	187	H
			* 2.483647	64.93	Pk	32.2	0	-38.3	58.83	-	-	74	-15.17	11	187	H
			* 2.4835	54.35	RMS	32.2	0	-38.3	48.25	54	-5.75	-	-	11	187	H
			* 2.483525	54.59	RMS	32.2	0	-38.3	48.49	54	-5.51	-	-	11	187	H
			* 2.4835	62.62	Pk	32.2	0	-38.3	56.52	-	-	74	-17.48	334	376	V
			* 2.486263	63.96	Pk	32.2	0	-38.3	57.86	-	-	74	-16.14	334	376	V
			* 2.4835	52.52	RMS	32.2	0	-38.3	46.42	54	-7.58	-	-	334	376	V
			* 2.483552	53.19	RMS	32.2	0	-38.3	47.09	54	-6.91	-	-	334	376	V
HT20	2467	4	* 2.4835	61.33	Pk	32.4	0	-28.1	65.63	-	-	74	-8.37	86	165	H
			* 2.483568	64.55	Pk	32.4	0	-28.1	68.85	-	-	74	-5.15	86	165	H
			* 2.4835	38.75	RMS	32.4	0	-28.1	43.05	54	-10.95	-	-	86	165	H
			* 2.483889	41.21	RMS	32.4	0	-28.1	45.51	54	-8.49	-	-	86	165	H
			* 2.4835	47.85	Pk	32.4	0	-28.1	52.15	-	-	74	-21.85	251	221	V
			* 2.483965	50.13	Pk	32.4	0	-28.1	54.43	-	-	74	-19.57	251	221	V
			* 2.4835	32.04	RMS	32.4	0	-28.1	36.34	54	-17.66	-	-	251	221	V
			* 2.486298	32.97	RMS	32.5	0	-28.2	37.27	54	-16.73	-	-	251	221	V
		3	* 2.4835	60.94	Pk	32.4	0	-28.1	65.24	-	-	74	-8.76	240	147	H
			* 2.483629	64.98	Pk	32.4	0	-28.1	69.28	-	-	74	-4.72	240	147	H
			* 2.4835	40.48	RMS	32.4	0	-28.1	44.78	54	-9.22	-	-	240	147	H
			* 2.483507	40.62	RMS	32.4	0	-28.1	44.92	54	-9.08	-	-	240	147	H
			* 2.4835	52.78	Pk	32.4	0	-28.1	57.08	-	-	74	-16.92	25	318	V
			* 2.483706	55.54	Pk	32.4	0	-28.1	59.84	-	-	74	-14.16	25	318	V
			* 2.4835	33.09	RMS	32.4	0	-28.1	37.39	54	-16.61	-	-	25	318	V
			* 2.484026	35	RMS	32.4	0	-28.1	39.3	54	-14.7	-	-	25	318	V
EHT20 (SU Mode)	2467	4	* 2.4835	62.28	Pk	32.4	0	-28.1	66.58	-	-	74	-7.42	2	101	H
			* 2.483812	64.62	Pk	32.4	0	-28.1	68.92	-	-	74	-5.08	2	101	H
			* 2.4835	38.71	RMS	32.4	0	-28.1	43.01	54	-10.99	-	-	2	101	H
			* 2.484422	40.96	RMS	32.4	0	-28.1	45.26	54	-8.74	-	-	2	101	H
			* 2.4835	58.4	Pk	32.4	0	-28.1	62.7	-	-	74	-11.3	313	377	V
			* 2.483721	64	Pk	32.4	0	-28.1	68.3	-	-	74	-5.7	313	377	V
			* 2.4835	35.46	RMS	32.4	0	-28.1	39.76	54	-14.24	-	-	313	377	V
			* 2.484148	39.51	RMS	32.4	0	-28.1	43.81	54	-10.19	-	-	313	377	V
		3	2.4835	73.33	Pk	32.2	0	-40.35	65.18	-	-	74	-8.82	25	300	H
			2.4835	53.78	RMS	32.2	0	-40.35	45.63	54	-8.37	-	-	25	300	H
			2.483525	54.7	RMS	32.2	0	-40.35	46.55	54	-7.45	-	-	25	300	H
			2.483715	76.77	Pk	32.2	0	-40.35	68.62	-	-	74	-5.38	25	300	H
			2.4835	72.86	Pk	32.2	0	-40.35	64.71	-	-	74	-9.29	351	385	V
			2.4835	52.7	RMS	32.2	0	-40.35	44.55	54	-9.45	-	-	351	385	V
			2.483891	75.71	Pk	32.2	0	-40.36	67.55	-	-	74	-6.45	351	385	V
			2.48423	54.69	RMS	32.2	0	-40.32	46.57	54	-7.43	-	-	351	385	V
EHT20 (RU 26 / Index 8)	2467	4	* 2.4835	73.2	Pk	32.4	0	-36.91	68.69	-	-	74	-5.31	299	158	H
			* 2.483729	73.01	Pk	32.4	0	-36.9	68.51	-	-	74	-5.49	299	158	H
			* 2.4835	52.04	RMS	32.4	0	-36.91	47.53	54	-6.47	-	-	299	158	H
			* 2.483525	52.29	RMS	32.4	0	-36.9	47.79	54	-6.21	-	-	299	158	H
			* 2.4835	68.66	Pk	32.4	0	-36.91	64.15	-	-	74	-9.85	271	362	V
			* 2.483552	69.06	Pk	32.4	0	-36.9	64.56	-	-	74	-9.44	271	362	V
			* 2.4835	49.79	RMS	32.4	0	-36.91	45.28	54	-8.72	-	-	271	362	V
			* 2.484054	50.72	RMS	32.4	0	-36.9	46.22	54	-7.78	-	-	271	362	V
		3	* 2.4835	63.55	Pk	32.2	0	-38.3	57.45	-	-	74	-16.55	219	256	H
			* 2.483661	64.91	Pk	32.2	0	-38.3	58.81	-	-	74	-15.19	219	256	H
			* 2.4835	50.03	RMS	32.2	0	-38.3	43.93	54	-10.07	-	-	219	256	H
			2.527691	51.06	RMS	32.3	0	-38.1	45.26	54	-8.74	-	-	219	256	H
			* 2.4835	60.38	Pk	32.2	0	-38.3	54.28	-	-	74	-19.72	358	338	V
			2.54854	63.06	Pk	32.4	0	-38.1	57.36	-	-	74	-16.64	358	338	V
			* 2.4835	49.4	RMS	32.2	0	-38.3	43.3	54	-10.7	-	-	358	338	V
			2.537017	50.85	RMS	32.3	0	-38	45.15	54	-8.85	-	-	358	338	V

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

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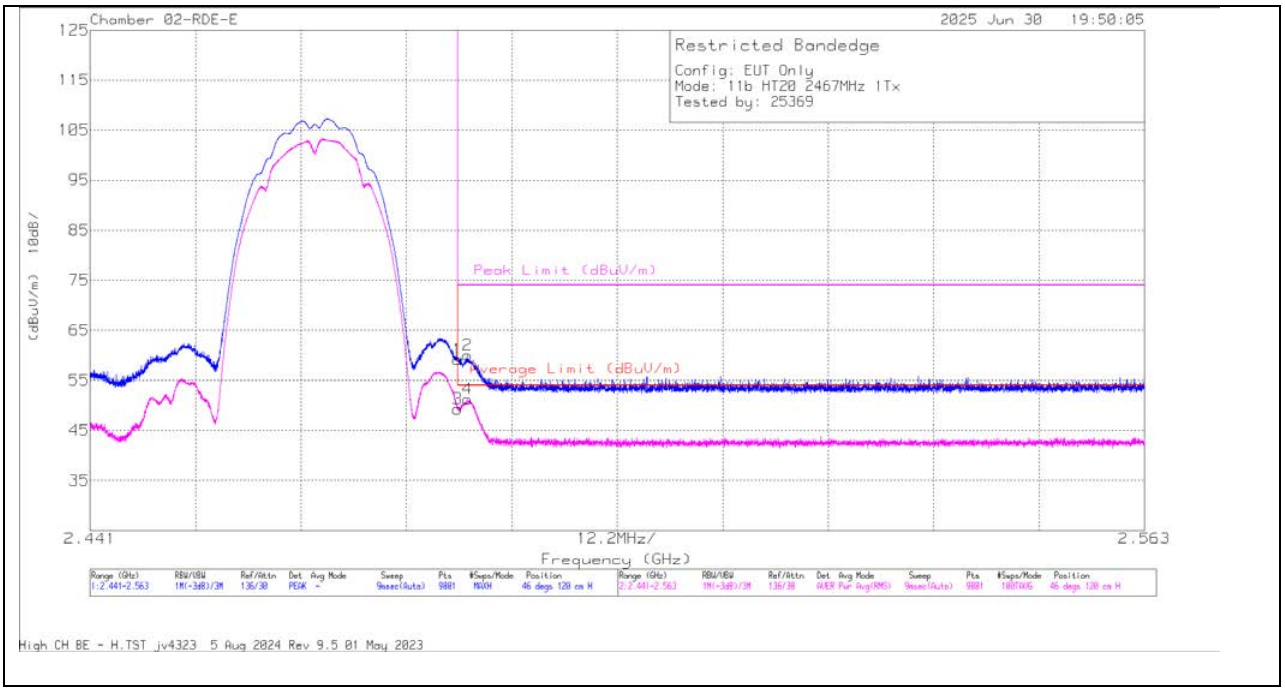
1TX Antenna 4: 802.11b Mode

BANDEDGE (HIGH CHANNEL / 2467MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	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	* 2.4835	66.23	Pk	32.5	0	-39.58	59.15	-	-	74	-14.85	46	120	H
3	* 2.4835	56.31	RMS	32.5	0	-39.58	49.23	54	-4.77	-	-	46	120	H
2	* 2.484691	67.07	Pk	32.5	0	-39.57	60	-	-	74	-14	46	120	H
4	* 2.484705	58.36	RMS	32.5	0	-39.57	51.29	54	-2.71	-	-	46	120	H

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

UL Verification Inc.
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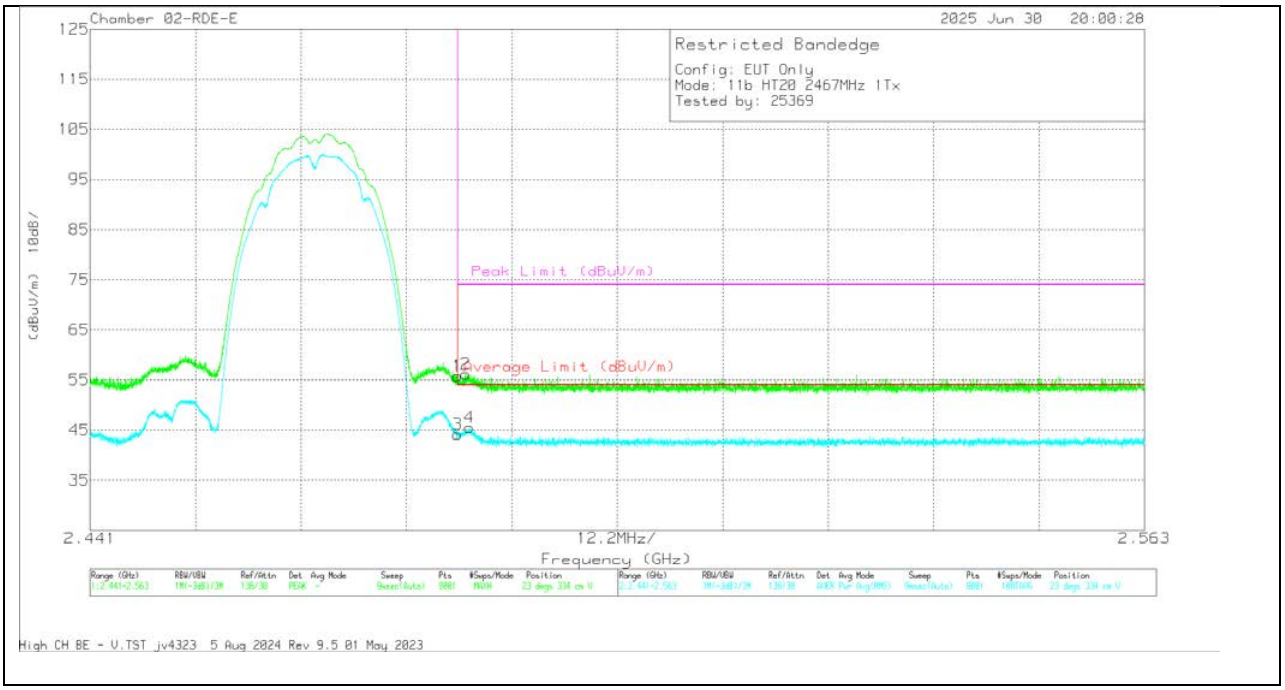
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	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	* 2.4835	62.86	Pk	32.5	0	-39.58	55.78	-	-	74	-18.22	23	334	V
2	* 2.484447	63.24	Pk	32.5	0	-39.58	56.16	-	-	74	-17.84	23	334	V
3	* 2.4835	51.21	RMS	32.5	0	-39.58	44.13	54	-9.87	-	-	23	334	V
4	* 2.484894	52.62	RMS	32.5	0	-39.57	45.55	54	-8.45	-	-	23	334	V

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

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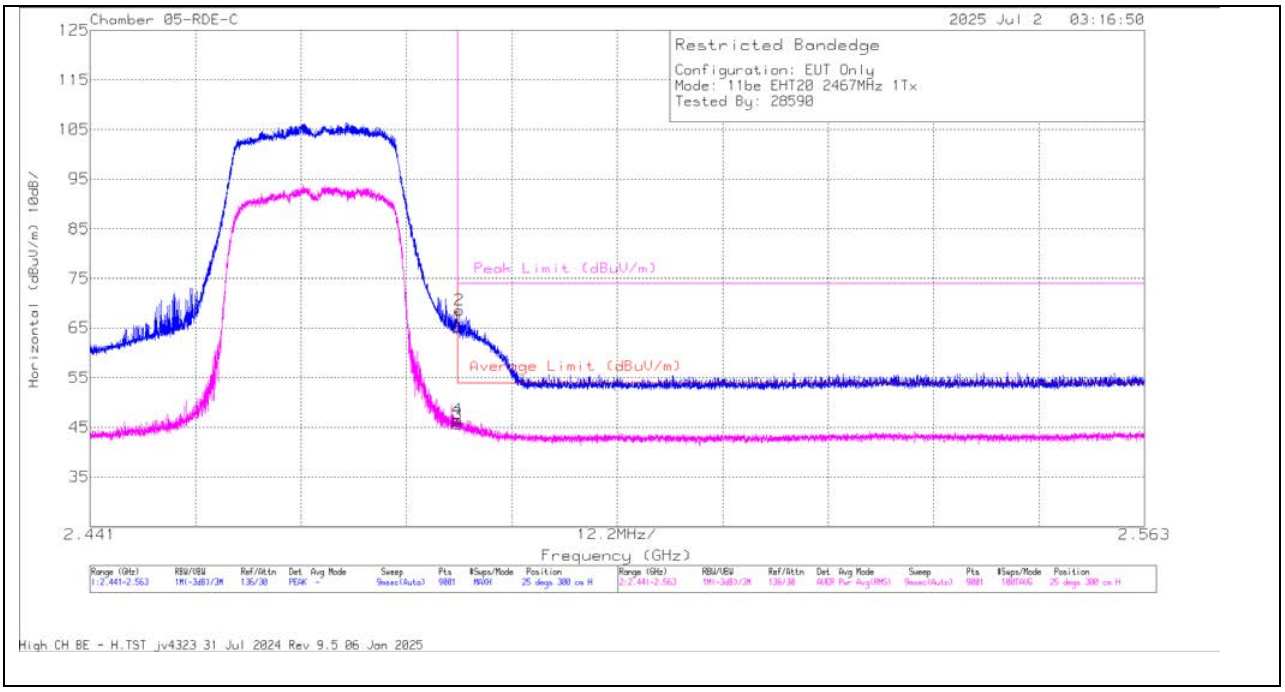
1TX Antenna 3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2467MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	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	2.4835	73.33	Pk	32.2	0	-40.35	65.18	-	-	74	-8.82	25	300	H
3	2.4835	53.78	RMS	32.2	0	-40.35	45.63	54	-8.37	-	-	25	300	H
4	2.483525	54.7	RMS	32.2	0	-40.35	46.55	54	-7.45	-	-	25	300	H
2	2.483715	76.77	Pk	32.2	0	-40.35	68.62	-	-	74	-5.38	25	300	H

Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
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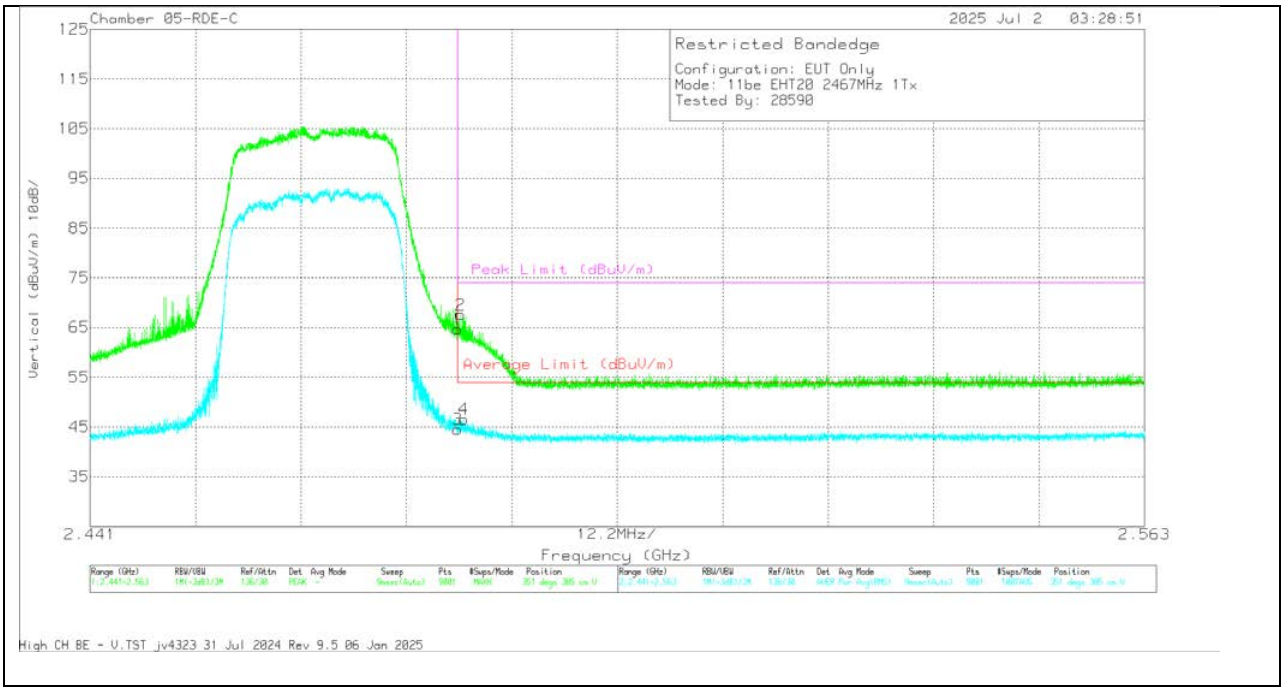
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	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	2.4835	72.86	Pk	32.2	0	-40.35	64.71	-	-	74	-9.29	351	385	V
3	2.4835	52.7	RMS	32.2	0	-40.35	44.55	54	-9.45	-	-	351	385	V
2	2.483891	75.71	Pk	32.2	0	-40.36	67.55	-	-	74	-6.45	351	385	V
4	2.48423	54.69	RMS	32.2	0	-40.32	46.57	54	-7.43	-	-	351	385	V

Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
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10.1.5. 802.11b/n/be SISO MODE – HIGH BANDEDGE – CHANNEL 13

DTS (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2472	4	* 2.4835	63.34	Pk	32.5	0	-39.58	56.26	-	-	74	-17.74	47	116	H
			* 2.487131	66.47	Pk	32.5	0	-39.57	59.4	-	-	74	-14.6	47	116	H
			* 2.4835	52.62	RMS	32.5	0	-39.58	45.54	54	-8.46	-	-	47	116	H
			* 2.486602	57.67	RMS	32.5	0	-39.57	50.6	54	-3.4	-	-	47	116	H
			* 2.4835	60.64	Pk	32.5	0	-39.58	53.56	-	-	74	-20.44	123	193	V
			* 2.4835	50.13	RMS	32.5	0	-39.58	43.05	54	-10.95	-	-	123	193	V
			2.543998	50.9	RMS	32.5	0	-39.47	43.93	54	-10.07	-	-	123	193	V
			2.546167	63.07	Pk	32.5	0	-39.49	56.08	-	-	74	-17.92	123	193	V
		3	* 2.4835	64.98	Pk	32.2	0	-38.3	58.88	-	-	74	-15.12	10	122	H
			* 2.485206	66.71	Pk	32.2	0	-38.3	60.61	-	-	74	-13.39	10	122	H
			* 2.4835	53.73	RMS	32.2	0	-38.3	47.63	54	-6.37	-	-	10	122	H
			* 2.484474	57.12	RMS	32.2	0	-38.3	51.02	54	-2.98	-	-	10	122	H
			* 2.4835	61.68	Pk	32.2	0	-38.3	55.58	-	-	74	-18.42	12	378	V
			* 2.483552	63.67	Pk	32.2	0	-38.3	57.57	-	-	74	-16.43	12	378	V
			* 2.4835	51.12	RMS	32.2	0	-38.3	45.02	54	-8.98	-	-	12	378	V
			* 2.485681	52.83	RMS	32.2	0	-38.3	46.73	54	-7.27	-	-	12	378	V
HT20	2472	4	* 2.4835	62.37	Pk	32.4	0	-28.1	66.67	-	-	74	-7.33	77	138	H
			* 2.483523	64.96	Pk	32.4	0	-28.1	69.26	-	-	74	-4.74	77	138	H
			* 2.4835	43.62	RMS	32.4	0	-28.1	47.92	54	-6.08	-	-	77	138	H
			* 2.483568	44.43	RMS	32.4	0	-28.1	48.73	54	-5.27	-	-	77	138	H
			* 2.4835	58.75	Pk	32.4	0	-28.1	63.05	-	-	74	-10.95	51	338	V
			* 2.483736	60.45	Pk	32.4	0	-28.1	64.75	-	-	74	-9.25	51	338	V
			* 2.4835	39.62	RMS	32.4	0	-28.1	43.92	54	-10.08	-	-	51	338	V
			* 2.483523	41.63	RMS	32.4	0	-28.1	45.93	54	-8.07	-	-	51	338	V
		3	* 2.4835	63.25	Pk	32.4	0	-28.1	67.55	-	-	74	-6.45	235	303	H
			* 2.483751	65.19	Pk	32.4	0	-28.1	69.49	-	-	74	-4.51	235	303	H
			* 2.4835	43.14	RMS	32.4	0	-28.1	47.44	54	-6.56	-	-	235	303	H
			* 2.483507	43.13	RMS	32.4	0	-28.1	47.43	54	-6.57	-	-	235	303	H
			* 2.4835	61.02	Pk	32.4	0	-28.1	65.32	-	-	74	-8.68	216	374	V
			* 2.483934	64.9	Pk	32.4	0	-28.1	69.2	-	-	74	-4.8	216	374	V
			* 2.4835	42.12	RMS	32.4	0	-28.1	46.42	54	-7.58	-	-	216	374	V
			* 2.483568	42.96	RMS	32.4	0	-28.1	47.26	54	-6.74	-	-	216	374	V
EHT20 (SU Mode)	2472	4	* 2.4835	64.31	Pk	32.4	0	-28.1	68.61	-	-	74	-5.39	360	140	H
			* 2.483507	65.08	Pk	32.4	0	-28.1	69.38	-	-	74	-4.62	360	140	H
			* 2.4835	41.77	RMS	32.4	0	-28.1	46.07	54	-7.93	-	-	360	140	H
			* 2.483507	42.28	RMS	32.4	0	-28.1	46.58	54	-7.42	-	-	360	140	H
			* 2.4835	52.93	Pk	32.4	0	-28.1	57.23	-	-	74	-16.77	174	299	V
			* 2.483507	53.05	Pk	32.4	0	-28.1	57.35	-	-	74	-16.65	174	299	V
			* 2.4835	33.17	RMS	32.4	0	-28.1	37.47	54	-16.53	-	-	174	299	V
			* 2.483523	34.7	RMS	32.4	0	-28.1	39	54	-15	-	-	174	299	V
		3	* 2.4835	65.54	Pk	32.4	0	-28.1	69.84	-	-	74	-4.16	9	114	H
			* 2.484026	66.14	Pk	32.4	0	-28.1	70.44	-	-	74	-3.56	9	114	H
			* 2.4835	43	RMS	32.4	0	-28.1	47.3	54	-6.7	-	-	9	114	H
			* 2.483507	45.03	RMS	32.4	0	-28.1	49.33	54	-4.67	-	-	9	114	H
			* 2.4835	56.19	Pk	32.4	0	-28.1	60.49	-	-	74	-13.51	142	315	V
			* 2.483675	56.32	Pk	32.4	0	-28.1	60.62	-	-	74	-13.38	142	315	V
			* 2.4835	36.31	RMS	32.4	0	-28.1	40.61	54	-13.39	-	-	142	315	V
			* 2.483584	36.11	RMS	32.4	0	-28.1	40.41	54	-13.59	-	-	142	315	V
EHT20 (RU 26 / Index 8)	2472	4	* 2.4835	61.89	Pk	32.2	0	-39.85	54.24	-	-	74	-19.76	253	154	H
			* 2.4835	50.47	RMS	32.2	0	-39.85	42.82	54	-11.18	-	-	253	154	H
			* 2.485016	51.07	RMS	32.2	0	-39.8	43.47	54	-10.53	-	-	253	154	H
			2.511789	63.23	Pk	32.2	0	-39.7	55.73	-	-	74	-18.27	253	154	H
			* 2.4835	60.39	Pk	32.2	0	-39.85	52.74	-	-	74	-21.26	140	243	V
			* 2.4835	49.58	RMS	32.2	0	-39.85	41.93	54	-12.07	-	-	140	243	V
			2.545246	50.94	RMS	32.2	0	-39.68	43.46	54	-10.54	-	-	140	243	V
			2.555209	63.19	Pk	32.2	0	-39.6	55.79	-	-	74	-18.21	140	243	V
		3	* 2.4835	71.71	Pk	32.4	0	-36.91	67.2	-	-	74	-6.8	271	144	H
			* 2.483607	72.53	Pk	32.4	0	-36.9	68.03	-	-	74	-5.97	271	144	H
			* 2.4835	52.03	RMS	32.4	0	-36.91	47.52	54	-6.48	-	-	271	144	H
			* 2.483512	53.01	RMS	32.4	0	-36.9	48.51	54	-5.49	-	-	271	144	H
			* 2.4835	63.61	Pk	32.4	0	-36.91	59.1	-	-	74	-14.9	359	392	V
			* 2.483512	64.33	Pk	32.4	0	-36.9	59.83	-	-	74	-14.17	359	392	V
			* 2.4835	49.26	RMS	32.4	0	-36.91	44.75	54	-9.25	-	-	359	392	V
			2.510054	50.21	RMS	32.5	0	-36.88	45.83	54	-8.17	-	-	359	392	V

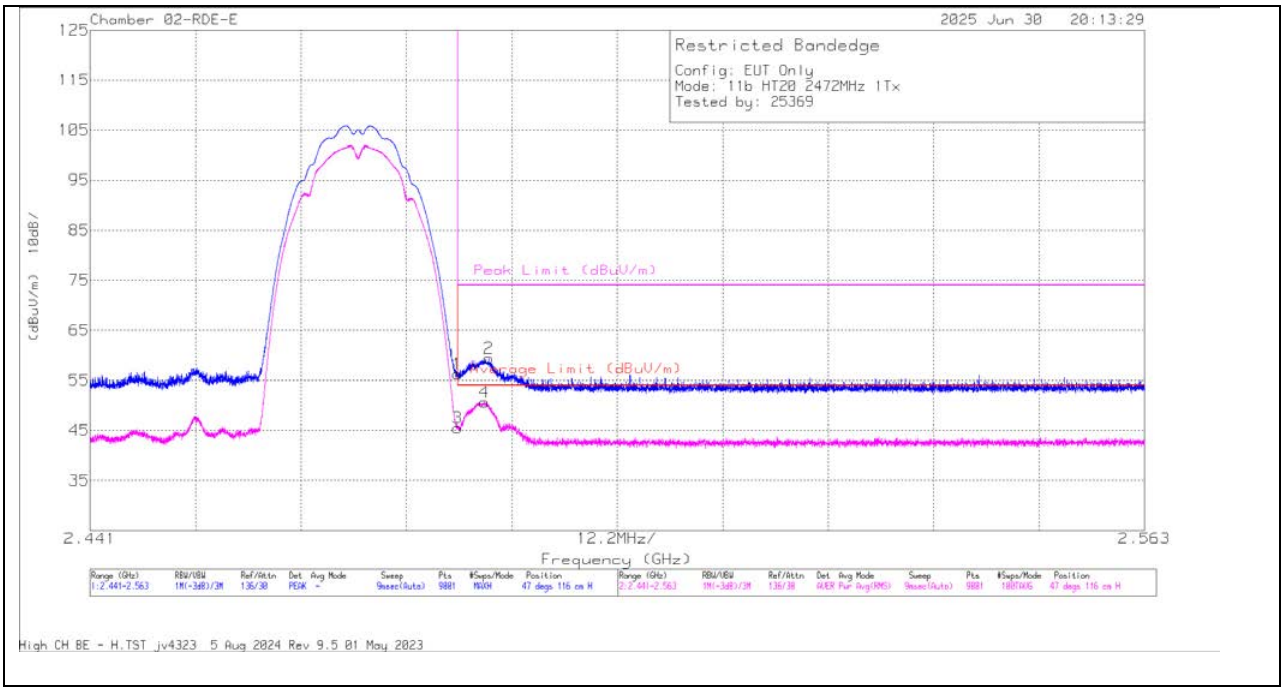
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

1TX Antenna 4: 802.11b Mode

BANDEDGE (HGH CHANNEL / 2472MHz)

HORIZONTAL RESULT

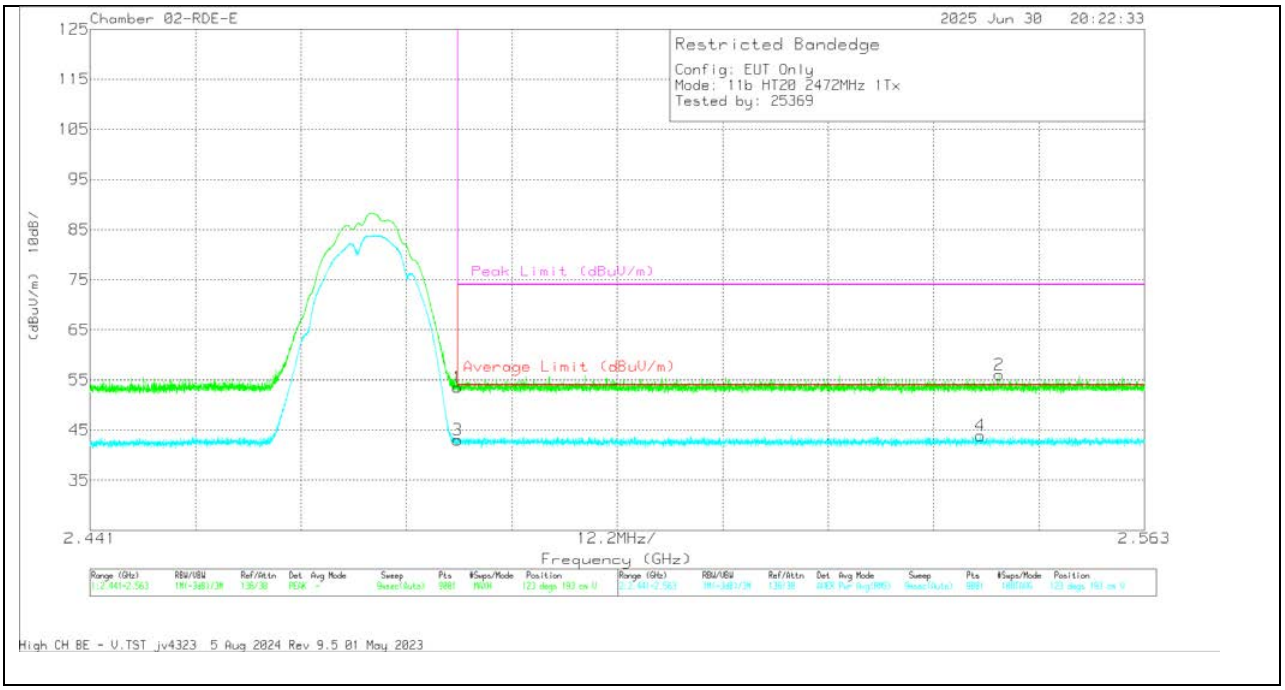


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	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	* 2.4835	63.34	Pk	32.5	0	-39.58	56.26	-	-	74	-17.74	47	116	H
2	* 2.487131	66.47	Pk	32.5	0	-39.57	59.4	-	-	74	-14.6	47	116	H
3	* 2.4835	52.62	RMS	32.5	0	-39.58	45.54	54	-8.46	-	-	47	116	H
4	* 2.486602	57.67	RMS	32.5	0	-39.57	50.6	54	-3.4	-	-	47	116	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	84796 ACF (dB/m)	DCCF (dB)	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	* 2.4835	60.64	Pk	32.5	0	-39.58	53.56	-	-	74	-20.44	123	193	V
3	* 2.4835	50.13	RMS	32.5	0	-39.58	43.05	54	-10.95	-	-	123	193	V
4	2.543998	50.9	RMS	32.5	0	-39.47	43.93	54	-10.07	-	-	123	193	V
2	2.546167	63.07	Pk	32.5	0	-39.49	56.08	-	-	74	-17.92	123	193	V

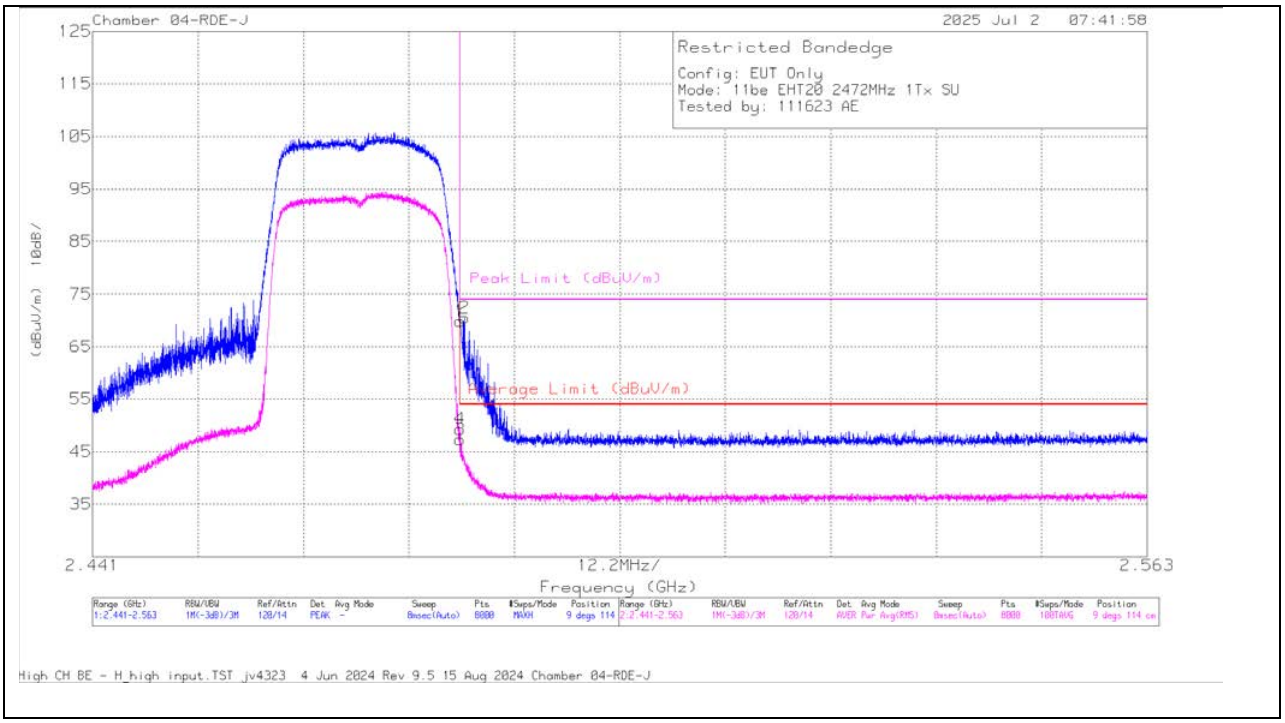
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

1TX Antenna 3: 802.11be EHT20 SU Mode

BANDEDGE (LOW CHANNEL / 2472MHz)

HORIZONTAL RESULT



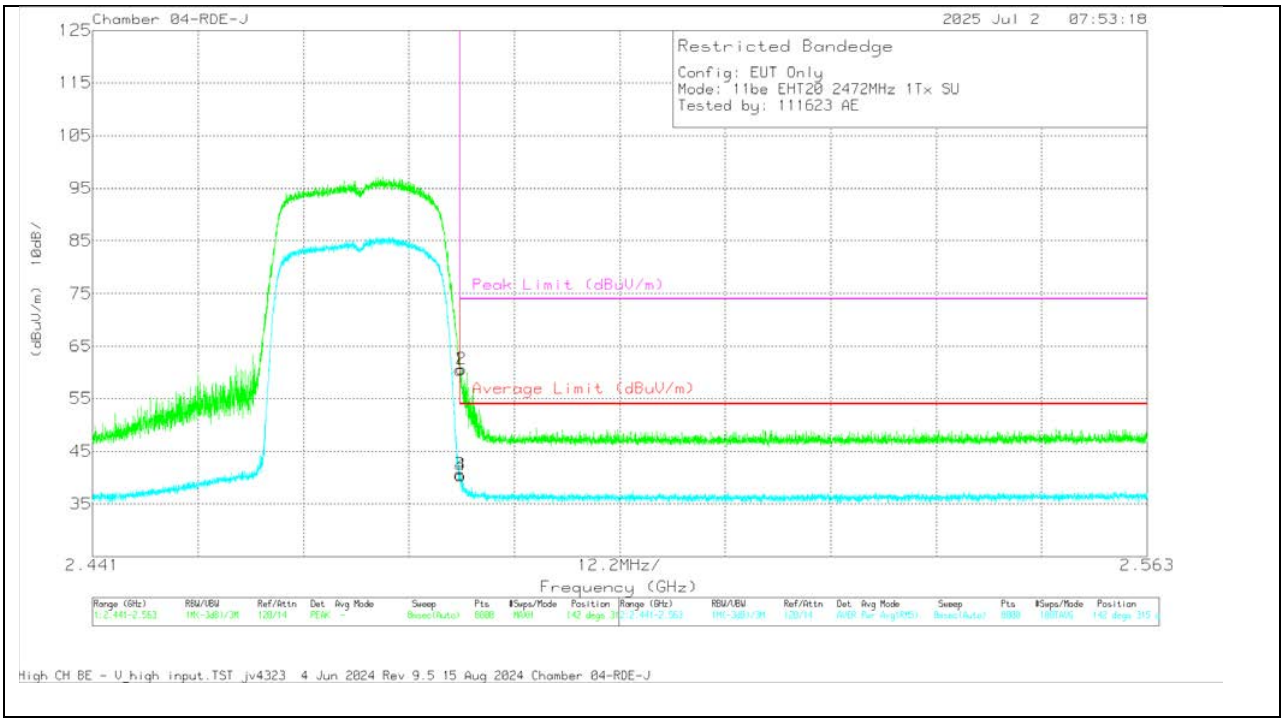
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	65.54	Pk	32.4	-28.1	0	69.84	-	-	74	-4.16	9	114	H
2	* 2.484026	66.14	Pk	32.4	-28.1	0	70.44	-	-	74	-3.56	9	114	H
3	* 2.4835	43	RMS	32.4	-28.1	0	47.3	54	-6.7	-	-	9	114	H
4	* 2.483507	45.03	RMS	32.4	-28.1	0	49.33	54	-4.67	-	-	9	114	H

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

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	56.19	Pk	32.4	-28.1	0	60.49	-	-	74	-13.51	142	315	V
2	* 2.483675	56.32	Pk	32.4	-28.1	0	60.62	-	-	74	-13.38	142	315	V
3	* 2.4835	36.31	RMS	32.4	-28.1	0	40.61	54	-13.39	-	-	142	315	V
4	* 2.483584	36.11	RMS	32.4	-28.1	0	40.41	54	-13.59	-	-	142	315	V

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

UL Verification Inc.
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10.1.6. 802.11b/n/be MIMO CDD MODE – LOW BANDEDGE – CHANNEL 1

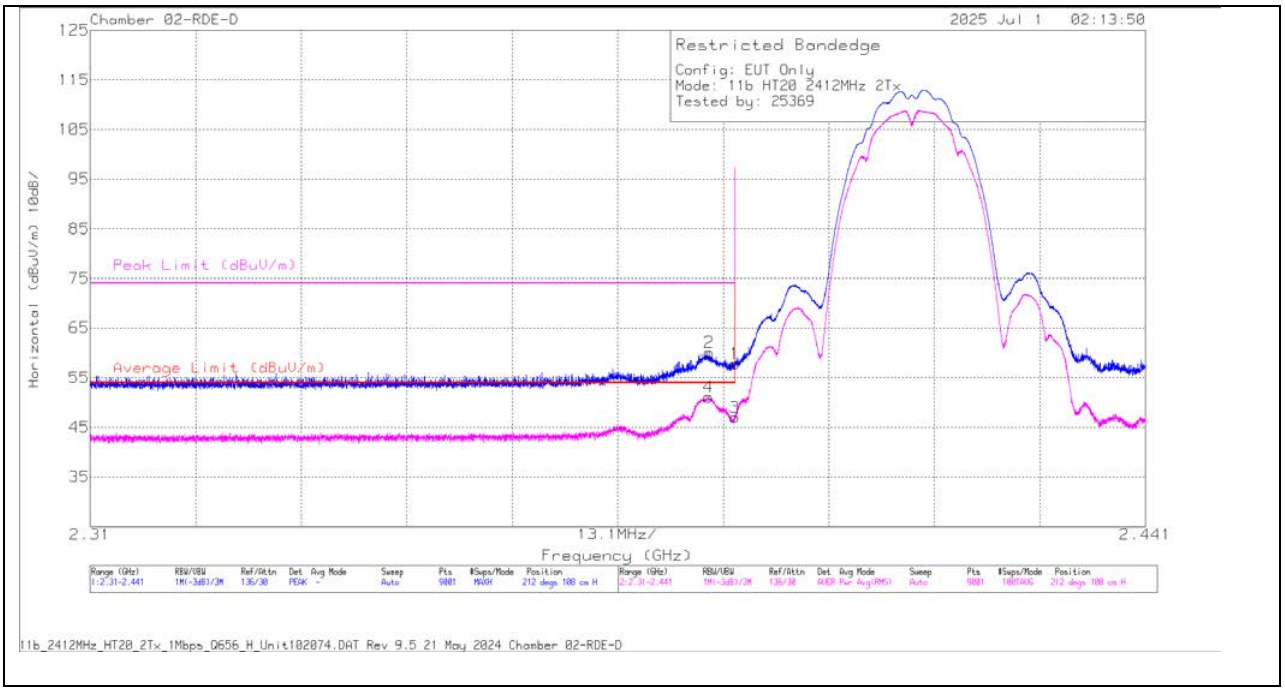
DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2412	4 + 3	* 2.39	64.22	Pk	32.2	-38.6	0	57.82	-	-	74	-16.18	212	108	H
			* 2.386856	66.39	Pk	32.2	-38.5	0	60.09	-	-	74	-13.91	212	108	H
			* 2.39	53.4	RMS	32.2	-38.6	0	47	54	-7	-	-	212	108	H
			* 2.386768	57.34	RMS	32.2	-38.5	0	51.04	54	-2.96	-	-	212	108	H
			* 2.39	60.57	Pk	32.2	-38.6	0	54.17	-	-	74	-19.83	44	400	V
			* 2.367234	63.35	Pk	32.1	-38.6	0	56.85	-	-	74	-17.15	44	400	V
			* 2.39	50.07	RMS	32.2	-38.6	0	43.67	54	-10.33	-	-	44	400	V
			* 2.388966	51.4	RMS	32.2	-38.5	0	45.1	54	-8.9	-	-	44	400	V
HT20	2412	4+3	* 2.39	63.17	Pk	32.2	-28.2	0	67.17	-	-	74	-6.83	78	119	H
			* 2.389936	64.79	Pk	32.2	-28.2	0	68.79	-	-	74	-5.21	78	119	H
			* 2.39	43.34	RMS	32.2	-28.2	0	47.34	54	-6.66	-	-	78	119	H
			* 2.389969	44.19	RMS	32.2	-28.2	0	48.19	54	-5.81	-	-	78	119	H
			* 2.39	43.32	Pk	32.2	-28.2	0	47.32	-	-	74	-26.68	341	116	V
			* 2.370071	46.07	Pk	32.1	-28.3	0	49.87	-	-	74	-24.13	341	116	V
			* 2.39	32.05	RMS	32.2	-28.2	0	36.05	54	-17.95	-	-	341	116	V
			* 2.363455	33.22	RMS	32.1	-28.3	0	37.02	54	-16.98	-	-	341	116	V
EHT20 (SU Mode)	2412	4+3	* 2.39	61.82	Pk	32.2	-28.2	0	65.82	-	-	74	-8.18	99	153	H
			* 2.387856	64.89	Pk	32.2	-28.2	0	68.89	-	-	74	-5.11	99	153	H
			* 2.39	42.8	RMS	32.2	-28.2	0	46.8	54	-7.2	-	-	99	153	H
			* 2.38856	44.29	RMS	32.2	-28.2	0	48.29	54	-5.71	-	-	99	153	H
			* 2.39	60.09	Pk	32.2	-28.2	0	64.09	-	-	74	-9.91	240	363	V
			* 2.389625	62.39	Pk	32.2	-28.2	0	66.39	-	-	74	-7.61	240	363	V
			* 2.39	40.74	RMS	32.2	-28.2	0	44.74	54	-9.26	-	-	240	363	V
			* 2.389854	41.24	RMS	32.2	-28.2	0	45.24	54	-8.76	-	-	240	363	V
EHT20 (RU26 / Index 0)	2412	4+3	2.389665	54.04	RMS	32	-40.34	0	45.7	54	-8.3	-	-	235	108	H
			2.389956	77.54	Pk	32	-40.36	0	69.18	-	-	74	-4.82	235	108	H
			2.39	77.03	Pk	32	-40.36	0	68.67	-	-	74	-5.33	235	108	H
			2.39	50.98	RMS	32	-40.36	0	42.62	54	-11.38	-	-	235	108	H
			2.3531	51.76	RMS	31.8	-40.08	0	43.48	54	-10.52	-	-	47	365	V
			2.389461	68.53	Pk	32	-40.32	0	60.21	-	-	74	-13.79	47	365	V
			2.39	67.74	Pk	32	-40.36	0	59.38	-	-	74	-14.62	47	365	V
			2.39	50.69	RMS	32	-40.36	0	42.33	54	-11.67	-	-	47	365	V

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

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

2TX Antenna 4+3: 802.11b Mode
BANDEDGE (LOW CHANNEL / 2412MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	64.22	Pk	32.2	-38.6	0	57.82	-	-	74	-16.18	212	108	H
2	* 2.386856	66.39	Pk	32.2	-38.5	0	60.09	-	-	74	-13.91	212	108	H
3	* 2.39	53.4	RMS	32.2	-38.6	0	47	54	-7	-	-	212	108	H
4	* 2.386768	57.34	RMS	32.2	-38.5	0	51.04	54	-2.96	-	-	212	108	H

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

UL Verification Inc.
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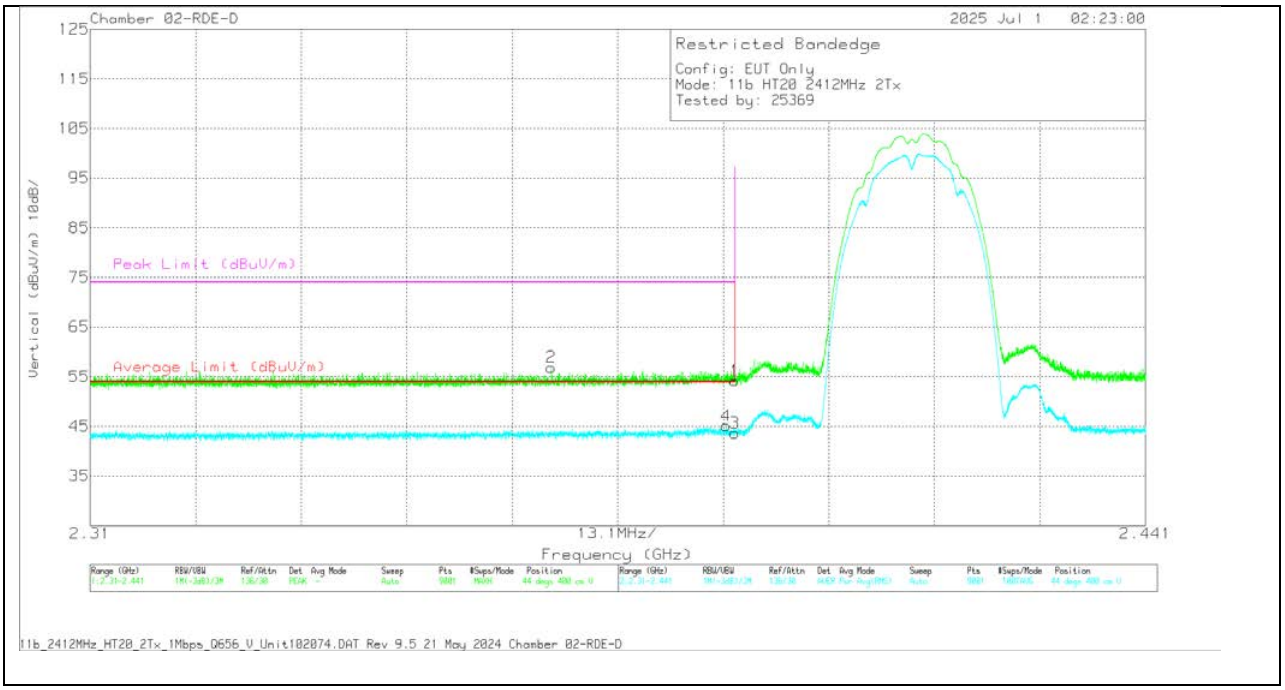
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.57	Pk	32.2	-38.6	0	54.17	-	-	74	-19.83	44	400	V
2	* 2.367234	63.35	Pk	32.1	-38.6	0	56.85	-	-	74	-17.15	44	400	V
3	* 2.39	50.07	RMS	32.2	-38.6	0	43.67	54	-10.33	-	-	44	400	V
4	* 2.388966	51.4	RMS	32.2	-38.5	0	45.1	54	-8.9	-	-	44	400	V

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

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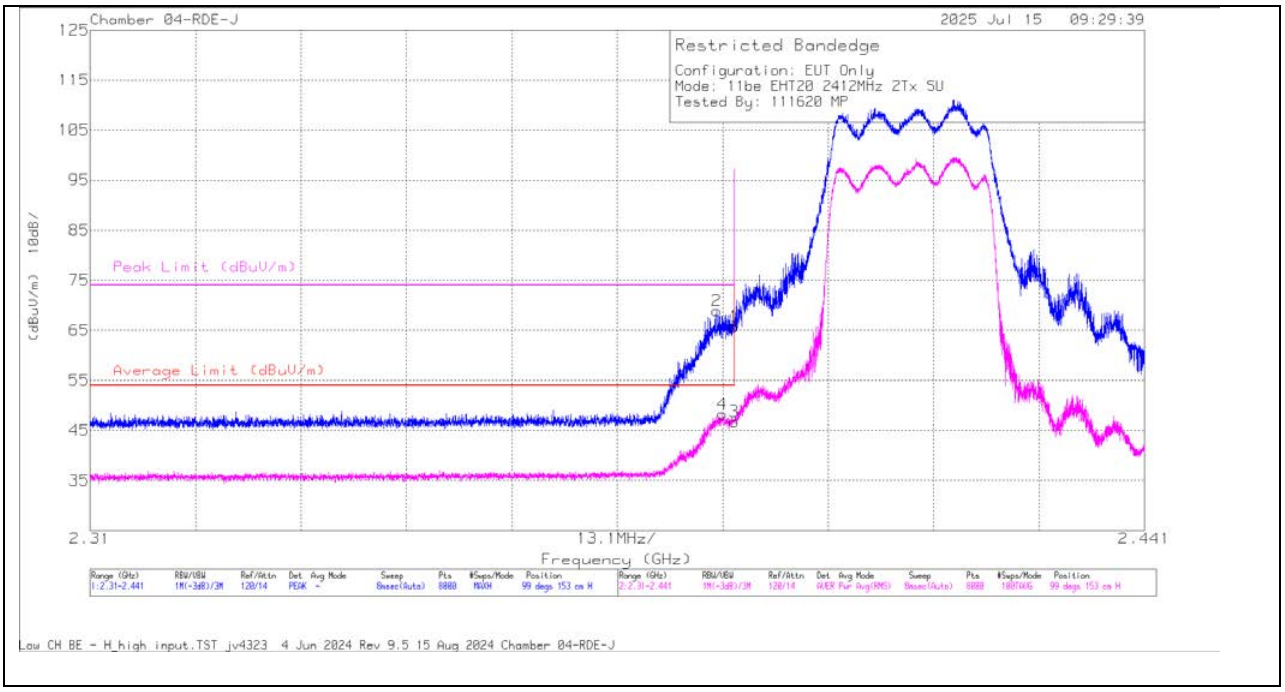
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

2TX Antenna 4+3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2412MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	61.82	Pk	32.2	-28.2	0	65.82	-	-	74	-8.18	99	153	H
2	* 2.387856	64.89	Pk	32.2	-28.2	0	68.89	-	-	74	-5.11	99	153	H
3	* 2.39	42.8	RMS	32.2	-28.2	0	46.8	54	-7.2	-	-	99	153	H
4	* 2.38856	44.29	RMS	32.2	-28.2	0	48.29	54	-5.71	-	-	99	153	H

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

UL Verification Inc.
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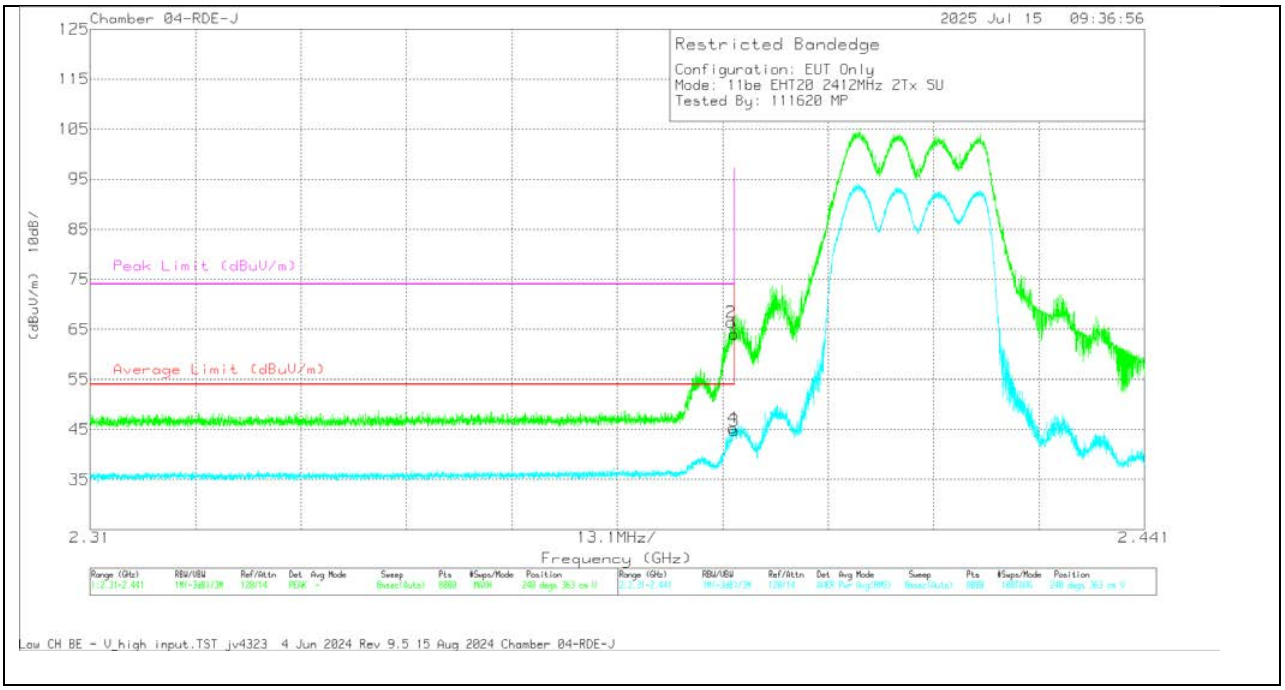
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	60.09	Pk	32.2	-28.2	0	64.09	-	-	74	-9.91	240	363	V
2	* 2.389625	62.39	Pk	32.2	-28.2	0	66.39	-	-	74	-7.61	240	363	V
3	* 2.39	40.74	RMS	32.2	-28.2	0	44.74	54	-9.26	-	-	240	363	V
4	* 2.389854	41.24	RMS	32.2	-28.2	0	45.24	54	-8.76	-	-	240	363	V

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

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10.1.7. 802.11b/n/be MIMO CDD MODE – LOW BANDEDGE – CHANNEL 2

DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2417	4+3	* 2.39	48.81	Pk	32.2	-28.2	0	52.81	-	-	74	-21.19	16	104	H
			* 2.389216	49.9	Pk	32.2	-28.2	0	53.9	-	-	74	-20.1	16	104	H
			* 2.39	41.89	RMS	32.2	-28.2	0	45.89	54	-8.11	-	-	16	104	H
			* 2.389969	41.74	RMS	32.2	-28.2	0	45.74	54	-8.26	-	-	16	104	H
			* 2.39	48.8	Pk	32.2	-28.2	0	52.8	-	-	74	-21.2	236	119	V
			* 2.389969	48.85	Pk	32.2	-28.2	0	52.85	-	-	74	-21.15	236	119	V
			* 2.39	40.88	RMS	32.2	-28.2	0	44.88	54	-9.12	-	-	236	119	V
			* 2.389953	40.42	RMS	32.2	-28.2	0	44.42	54	-9.58	-	-	236	119	V
HT20	2417	4+3	* 2.39	62.92	Pk	32.2	-28.2	0	66.92	-	-	74	-7.08	85	189	H
			* 2.389838	63.9	Pk	32.2	-28.2	0	67.9	-	-	74	-6.1	85	189	H
			* 2.39	47.4	RMS	32.2	-28.2	0	51.4	54	-2.6	-	-	85	189	H
			* 2.389953	47.35	RMS	32.2	-28.2	0	51.35	54	-2.65	-	-	85	189	H
			* 2.39	59.48	Pk	32.2	-28.2	0	63.48	-	-	74	-10.52	49	396	V
			* 2.389969	60.48	Pk	32.2	-28.2	0	64.48	-	-	74	-9.52	49	396	V
			* 2.39	43.11	RMS	32.2	-28.2	0	47.11	54	-6.89	-	-	49	396	V
			* 2.389805	44.64	RMS	32.2	-28.2	0	48.64	54	-5.36	-	-	49	396	V
EHT20 (SU Mode)	2417	4+3	* 2.39	62.81	Pk	32.2	-28.2	0	66.81	-	-	74	-7.19	89	215	H
			* 2.389903	64.66	Pk	32.2	-28.2	0	68.66	-	-	74	-5.34	89	215	H
			* 2.39	45.33	RMS	32.2	-28.2	0	49.33	54	-4.67	-	-	89	215	H
			* 2.389871	46.37	RMS	32.2	-28.2	0	50.37	54	-3.63	-	-	89	215	H
			* 2.39	63.14	Pk	32.2	-28.2	0	67.14	-	-	74	-6.86	42	351	V
			* 2.389838	64.05	Pk	32.2	-28.2	0	68.05	-	-	74	-5.95	42	351	V
			* 2.39	44.56	RMS	32.2	-28.2	0	48.56	54	-5.44	-	-	42	351	V
			* 2.38992	46.07	RMS	32.2	-28.2	0	50.07	54	-3.93	-	-	42	351	V
EHT20 (RU26 / Index 0)	2417	4+3	2.389811	74.65	Pk	32	-40.35	0	66.3	-	-	74	-7.7	53	213	H
			2.389956	53.21	RMS	32	-40.36	0	44.85	54	-9.15	-	-	53	213	H
			2.39	74.26	Pk	32	-40.36	0	65.9	-	-	74	-8.1	53	213	H
			2.39	52.59	RMS	32	-40.36	0	44.23	54	-9.77	-	-	53	213	H
			2.389316	73.5	Pk	32	-40.31	0	65.19	-	-	74	-8.81	11	355	V
			2.389418	53.6	RMS	32	-40.32	0	45.28	54	-8.72	-	-	11	355	V
			2.39	72.69	Pk	32	-40.36	0	64.33	-	-	74	-9.67	11	355	V
			2.39	52.73	RMS	32	-40.36	0	44.37	54	-9.63	-	-	11	355	V

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

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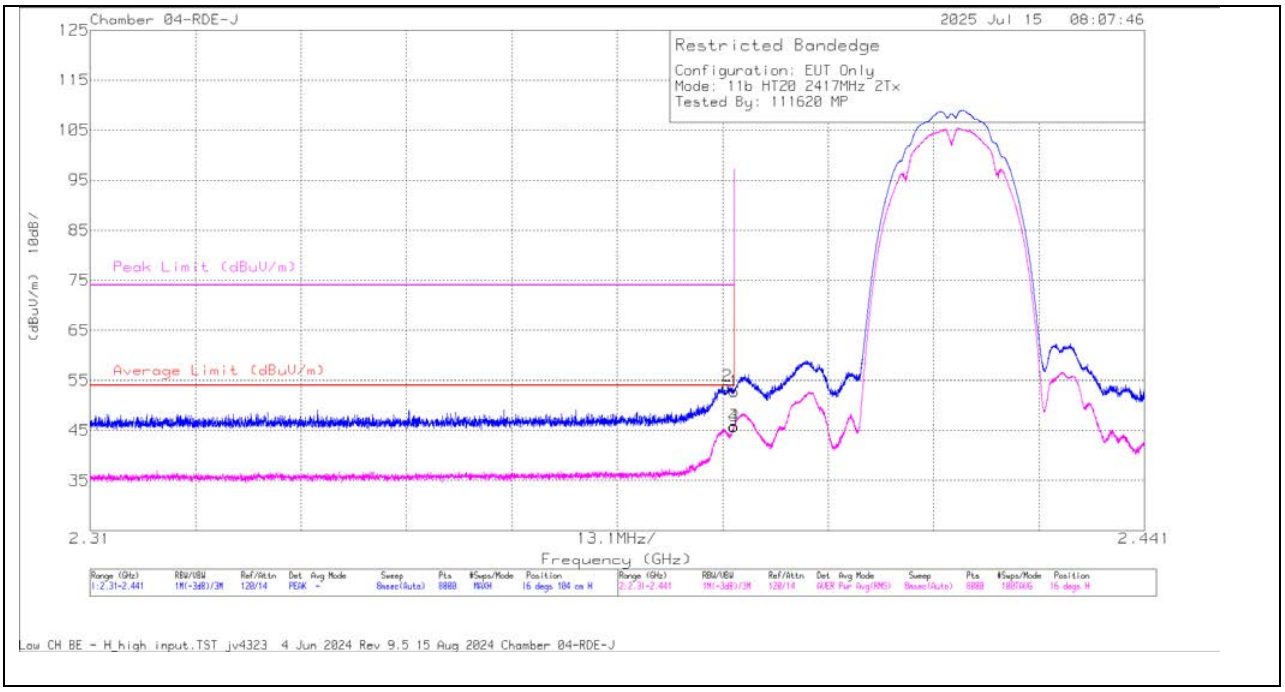
2TX Antenna 4+3: 802.11b Mode
BANDEDGE (LOW CHANNEL / 2417MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	48.81	Pk	32.2	-28.2	0	52.81	-	-	74	-21.19	16	104	H
2	* 2.389216	49.9	Pk	32.2	-28.2	0	53.9	-	-	74	-20.1	16	104	H
3	* 2.39	41.89	RMS	32.2	-28.2	0	45.89	54	-8.11	-	-	16	104	H
4	* 2.389969	41.74	RMS	32.2	-28.2	0	45.74	54	-8.26	-	-	16	104	H

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

UL Verification Inc.
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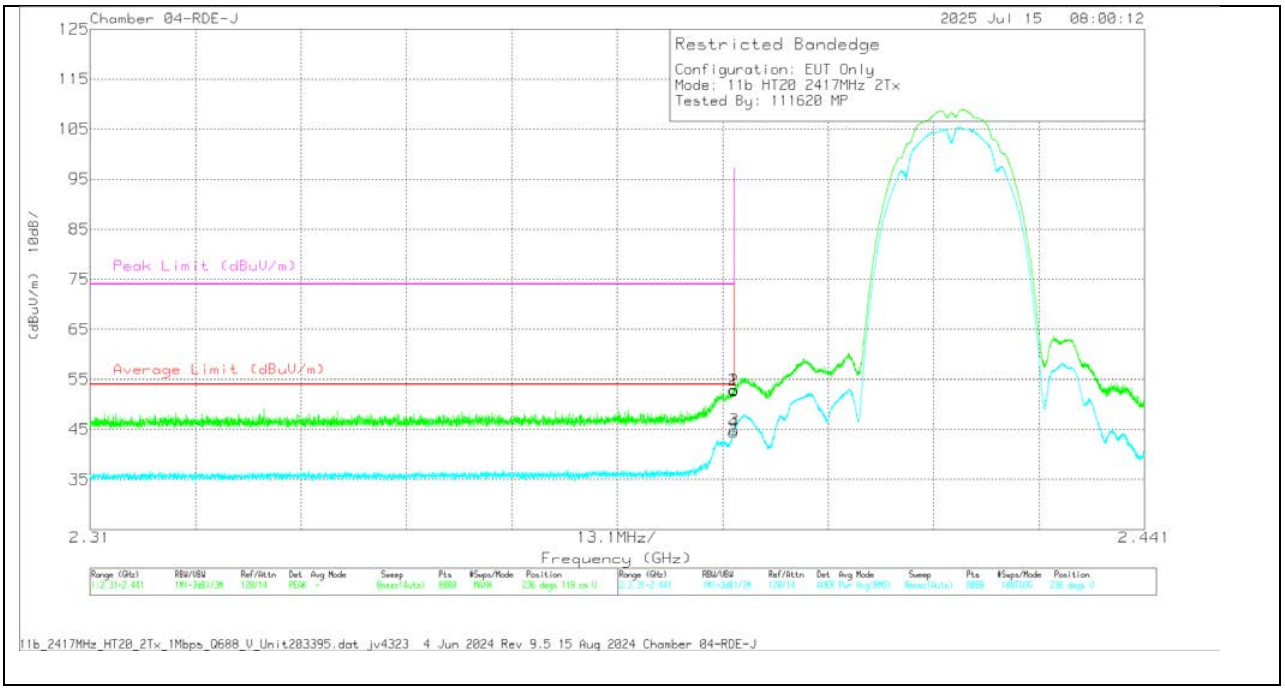
VERTICAL RESULT



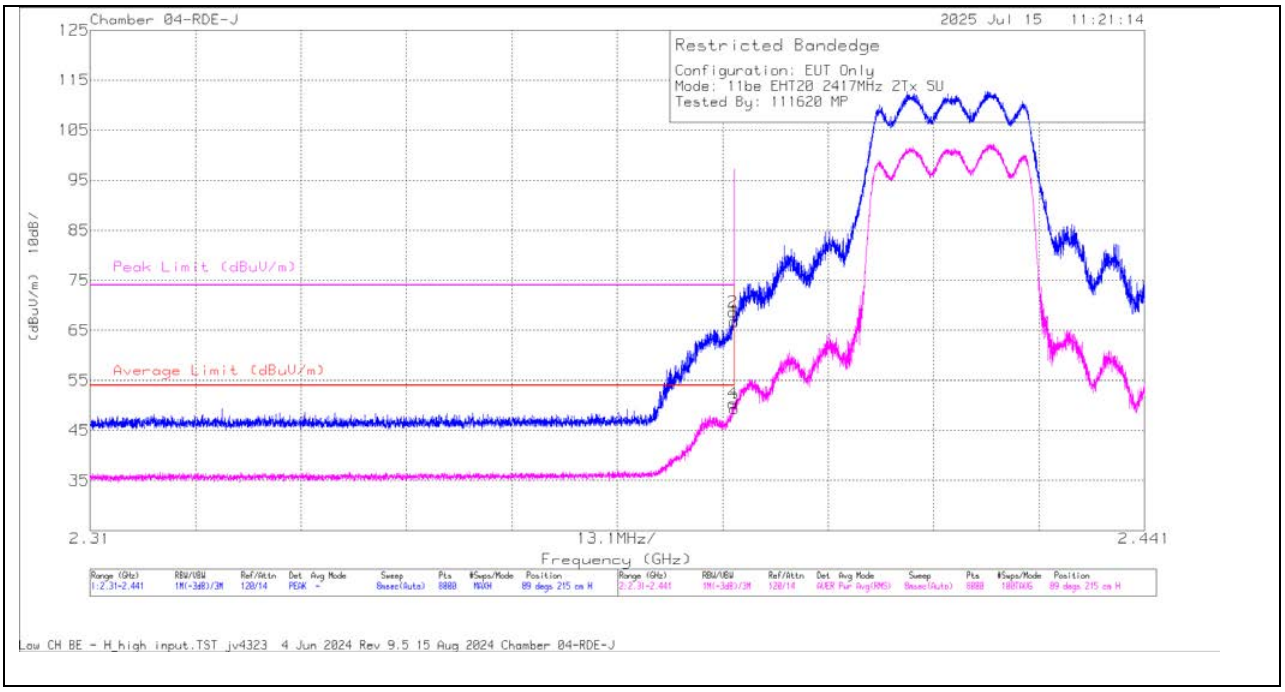
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	48.8	Pk	32.2	-28.2	0	52.8	-	-	74	-21.2	236	119	V
2	* 2.389969	48.85	Pk	32.2	-28.2	0	52.85	-	-	74	-21.15	236	119	V
3	* 2.39	40.88	RMS	32.2	-28.2	0	44.88	54	-9.12	-	-	236	119	V
4	* 2.389953	40.42	RMS	32.2	-28.2	0	44.42	54	-9.58	-	-	236	119	V

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

2TX Antenna 4+3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2417MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	62.81	Pk	32.2	-28.2	0	66.81	-	-	74	-7.19	89	215	H
2	* 2.389903	64.66	Pk	32.2	-28.2	0	68.66	-	-	74	-5.34	89	215	H
3	* 2.39	45.33	RMS	32.2	-28.2	0	49.33	54	-4.67	-	-	89	215	H
4	* 2.389871	46.37	RMS	32.2	-28.2	0	50.37	54	-3.63	-	-	89	215	H

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

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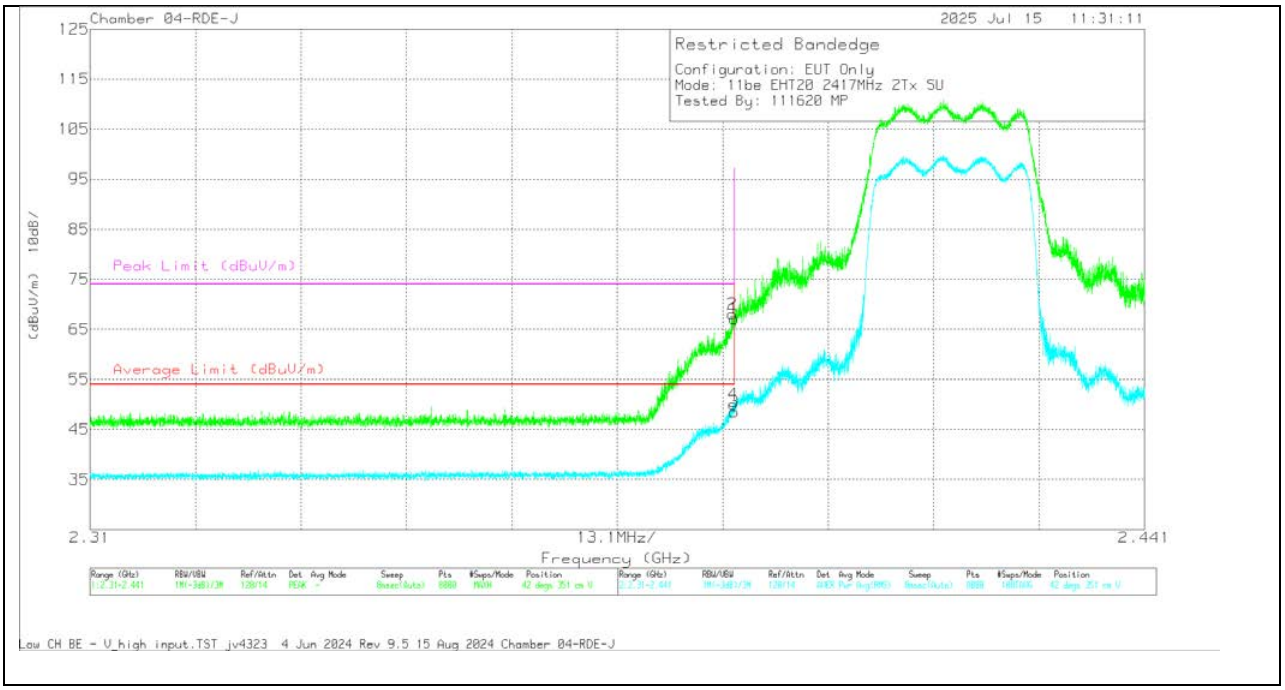
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	63.14	Pk	32.2	-28.2	0	67.14	-	-	74	-6.86	42	351	V
2	* 2.389838	64.05	Pk	32.2	-28.2	0	68.05	-	-	74	-5.95	42	351	V
3	* 2.39	44.56	RMS	32.2	-28.2	0	48.56	54	-5.44	-	-	42	351	V
4	* 2.38992	46.07	RMS	32.2	-28.2	0	50.07	54	-3.93	-	-	42	351	V

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

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10.1.8. 802.11b/n/be MIMO CDD MODE – HIGH BANDEDGE – CHANNEL 11

DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2462	4+3	* 2.4835	63.34	Pk	32.2	-38.3	0	57.24	-	-	74	-16.76	219	329	H
			* 2.487714	64.7	Pk	32.2	-38.3	0	58.6	-	-	74	-15.4	219	329	H
			* 2.4835	54.63	RMS	32.2	-38.3	0	48.53	54	-5.47	-	-	219	329	H
			* 2.487402	54.65	RMS	32.2	-38.3	0	48.55	54	-5.45	-	-	219	329	H
			* 2.4835	62.16	Pk	32.2	-38.3	0	56.06	-	-	74	-17.94	179	382	V
			2.557121	62.87	Pk	32.4	-38.1	0	57.17	-	-	74	-16.83	179	382	V
			* 2.4835	51.7	RMS	32.2	-38.3	0	45.6	54	-8.4	-	-	179	382	V
			* 2.483579	51.72	RMS	32.2	-38.3	0	45.62	54	-8.38	-	-	179	382	V
HT20	2462	4+3	* 2.4835	60.61	Pk	32.4	-28.1	0	64.91	-	-	74	-9.09	272	292	H
			* 2.484544	64.83	Pk	32.4	-28.1	0	69.13	-	-	74	-4.87	272	292	H
			* 2.4835	40.67	RMS	32.4	-28.1	0	44.97	54	-9.03	-	-	272	292	H
			* 2.484148	42.73	RMS	32.4	-28.1	0	47.03	54	-6.97	-	-	272	292	H
			* 2.4835	58.44	Pk	32.4	-28.1	0	62.74	-	-	74	-11.26	40	370	V
			* 2.484727	60.97	Pk	32.4	-28.1	0	65.27	-	-	74	-8.73	40	370	V
			* 2.4835	36.14	RMS	32.4	-28.1	0	40.44	54	-13.56	-	-	40	370	V
			* 2.483965	38.39	RMS	32.4	-28.1	0	42.69	54	-11.31	-	-	40	370	V
EHT20 (SU Mode)	2462	4+3	* 2.4835	61.51	Pk	32.4	-28.1	0	65.81	-	-	74	-8.19	78	185	H
			* 2.484361	65.17	Pk	32.4	-28.1	0	69.47	-	-	74	-4.53	78	185	H
			* 2.4835	38.97	RMS	32.4	-28.1	0	43.27	54	-10.73	-	-	78	185	H
			* 2.484239	42.46	RMS	32.4	-28.1	0	46.76	54	-7.24	-	-	78	185	H
			* 2.4835	60.34	Pk	32.4	-28.1	0	64.64	-	-	74	-9.36	56	297	V
			* 2.483889	63.74	Pk	32.4	-28.1	0	68.04	-	-	74	-5.96	56	297	V
			* 2.4835	38.78	RMS	32.4	-28.1	0	43.08	54	-10.92	-	-	56	297	V
			* 2.48456	40.38	RMS	32.4	-28.1	0	44.68	54	-9.32	-	-	56	297	V
EHT20 (RU26 / Index 8)	2462	4+3	2.4835	75.16	Pk	32.2	-40.35	0	67.01	-	-	74	-6.99	221	159	H
			2.4835	51.4	RMS	32.2	-40.35	0	43.25	54	-10.75	-	-	221	159	H
			2.484352	77.55	Pk	32.2	-40.3	0	69.45	-	-	74	-4.55	221	159	H
			2.486792	54.25	RMS	32.2	-40.28	0	46.17	54	-7.83	-	-	221	159	H
			2.4835	69.73	Pk	32.2	-40.35	0	61.58	-	-	74	-12.42	203	314	V
			2.4835	50.9	RMS	32.2	-40.35	0	42.75	54	-11.25	-	-	203	314	V
			2.48362	75.46	Pk	32.2	-40.35	c	67.31	-	-	74	-6.69	203	314	V
			2.484718	53.97	RMS	32.2	-40.24	0	45.93	54	-8.07	-	-	203	314	V

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

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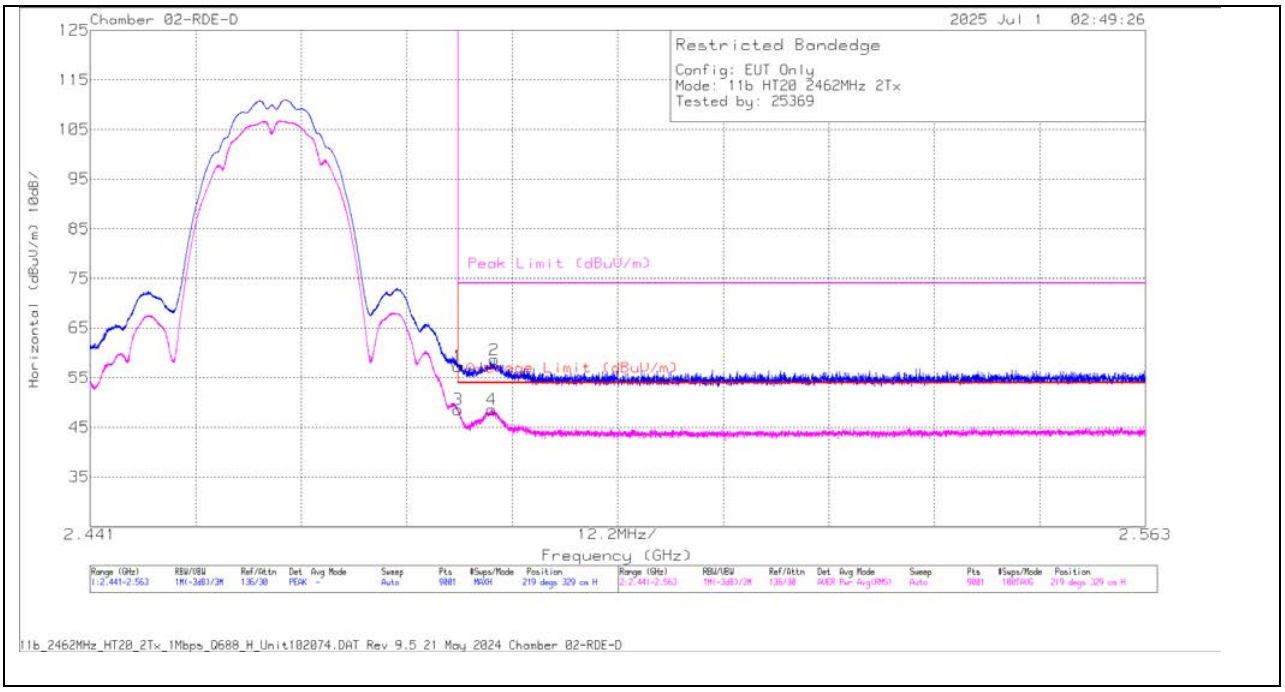
2TX Antenna 4+3: 802.11b Mode
BANDEDGE (LOW CHANNEL / 2462MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	63.34	Pk	32.2	-38.3	0	57.24	-	-	74	-16.76	219	329	H
2	* 2.487714	64.7	Pk	32.2	-38.3	0	58.6	-	-	74	-15.4	219	329	H
3	* 2.4835	54.63	RMS	32.2	-38.3	0	48.53	54	-5.47	-	-	219	329	H
4	* 2.487402	54.65	RMS	32.2	-38.3	0	48.55	54	-5.45	-	-	219	329	H

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

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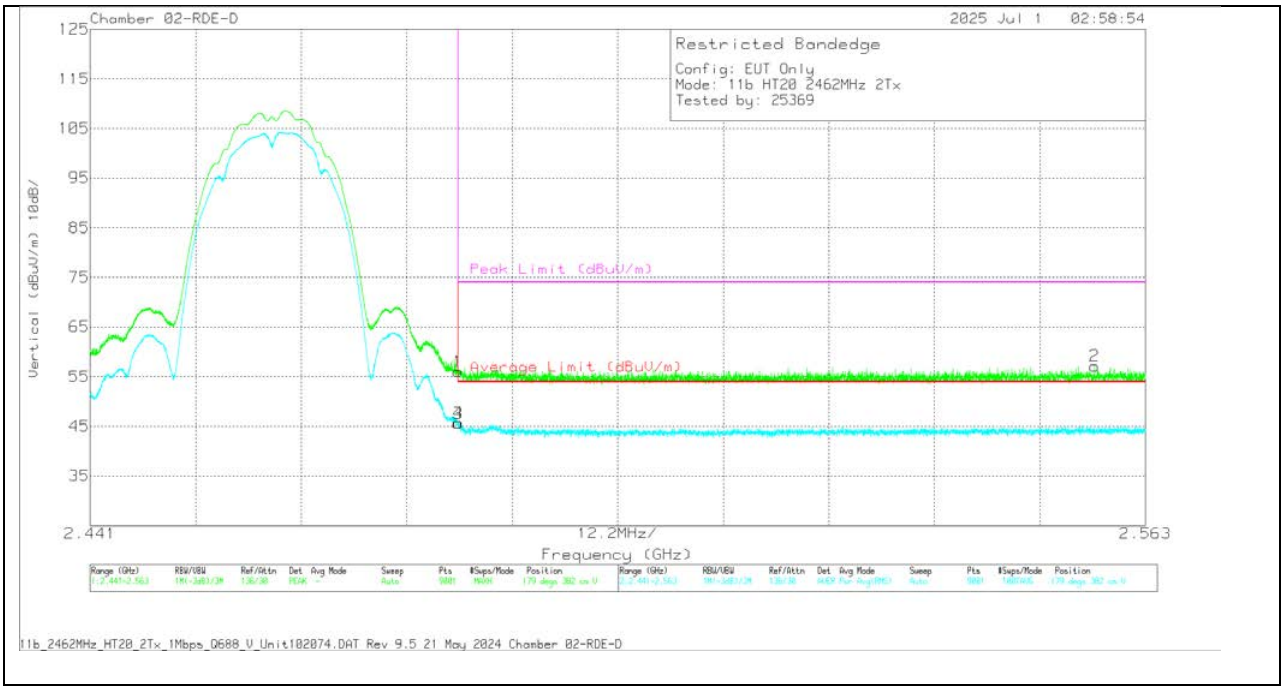
VERTICAL RESULT



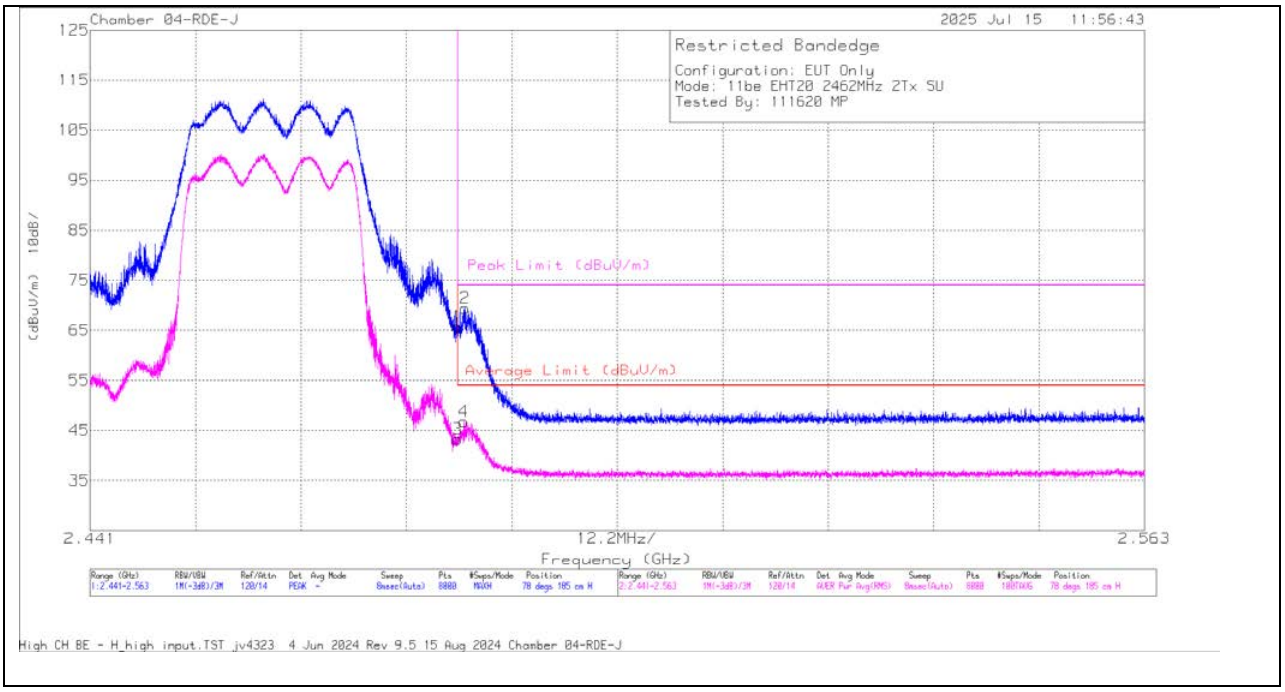
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	62.16	Pk	32.2	-38.3	0	56.06	-	-	74	-17.94	179	382	V
2	2.557121	62.87	Pk	32.4	-38.1	0	57.17	-	-	74	-16.83	179	382	V
3	* 2.4835	51.7	RMS	32.2	-38.3	0	45.6	54	-8.4	-	-	179	382	V
4	* 2.483579	51.72	RMS	32.2	-38.3	0	45.62	54	-8.38	-	-	179	382	V

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

2TX Antenna 4+3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2462MHz)

HORIZONTAL RESULT



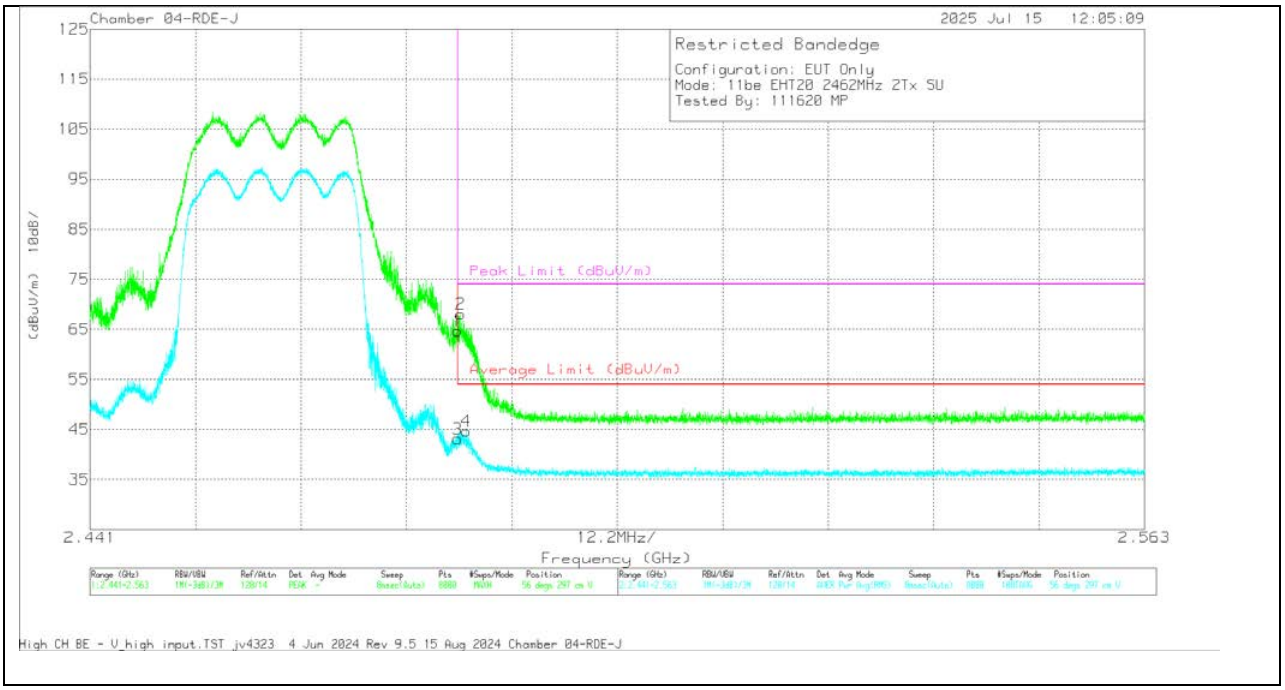
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	61.51	Pk	32.4	-28.1	0	65.81	-	-	74	-8.19	78	185	H
2	* 2.484361	65.17	Pk	32.4	-28.1	0	69.47	-	-	74	-4.53	78	185	H
3	* 2.4835	38.97	RMS	32.4	-28.1	0	43.27	54	-10.73	-	-	78	185	H
4	* 2.484239	42.46	RMS	32.4	-28.1	0	46.76	54	-7.24	-	-	78	185	H

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

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	60.34	Pk	32.4	-28.1	0	64.64	-	-	74	-9.36	56	297	V
2	* 2.483889	63.74	Pk	32.4	-28.1	0	68.04	-	-	74	-5.96	56	297	V
3	* 2.4835	38.78	RMS	32.4	-28.1	0	43.08	54	-10.92	-	-	56	297	V
4	* 2.48456	40.38	RMS	32.4	-28.1	0	44.68	54	-9.32	-	-	56	297	V

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

10.1.9. 802.11b/n/be MIMO CDD MODE – HIGH BANDEDGE – CHANNEL 12

DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2467	4+3	* 2.4835	66.38	Pk	32.2	-38.3	0	60.28	-	-	74	-13.72	219	141	H
			* 2.483552	67.32	Pk	32.2	-38.3	0	61.22	-	-	74	-12.78	219	141	H
			* 2.4835	56.77	RMS	32.2	-38.3	0	50.67	54	-3.33	-	-	219	141	H
			* 2.484623	57.45	RMS	32.2	-38.3	0	51.35	54	-2.65	-	-	219	141	H
			* 2.4835	60.79	Pk	32.2	-38.3	0	54.69	-	-	74	-19.31	41	380	V
			2.513308	63.25	Pk	32.2	-38.2	0	57.25	-	-	74	-16.75	41	380	V
			* 2.4835	49.87	RMS	32.2	-38.3	0	43.77	54	-10.23	-	-	41	380	V
			2.560089	50.94	RMS	32.4	-38	0	45.34	54	-8.66	-	-	41	380	V
HT20	2467	4+3	* 2.4835	61.66	Pk	32.4	-28.1	0	65.96	-	-	74	-8.04	91	103	H
			* 2.4852	65.15	Pk	32.4	-28.1	0	69.45	-	-	74	-4.55	91	103	H
			* 2.4835	38.08	RMS	32.4	-28.1	0	42.38	54	-11.62	-	-	91	103	H
			* 2.484529	42.67	RMS	32.4	-28.1	0	46.97	54	-7.03	-	-	91	103	H
			* 2.4835	59.78	Pk	32.4	-28.1	0	64.08	-	-	74	-9.92	46	328	V
			* 2.484011	63.78	Pk	32.4	-28.1	0	68.08	-	-	74	-5.92	46	328	V
			* 2.4835	38.22	RMS	32.4	-28.1	0	42.52	54	-11.48	-	-	46	328	V
			* 2.48456	40.8	RMS	32.4	-28.1	0	45.1	54	-8.9	-	-	46	328	V
EHT20 (SU Mode)	2467	4+3	* 2.4835	59.98	Pk	32.4	-28.1	0	64.28	-	-	74	-9.72	87	264	H
			* 2.485277	64.95	Pk	32.4	-28.1	0	69.25	-	-	74	-4.75	87	264	H
			* 2.4835	36.75	RMS	32.4	-28.1	0	41.05	54	-12.95	-	-	87	264	H
			* 2.485338	39.17	RMS	32.4	-28.1	0	43.47	54	-10.53	-	-	87	264	H
			* 2.4835	58.63	Pk	32.4	-28.1	0	62.93	-	-	74	-11.07	36	331	V
			* 2.484239	62.11	Pk	32.4	-28.1	0	66.41	-	-	74	-7.59	36	331	V
			* 2.4835	36.79	RMS	32.4	-28.1	0	41.09	54	-12.91	-	-	36	331	V
			* 2.484102	38.66	RMS	32.4	-28.1	0	42.96	54	-11.04	-	-	36	331	V
EHT20 (RU26 / Index 8)	2467	4+3	2.4835	77.01	Pk	32.2	-40.35	0	68.86	-	-	74	-5.14	215	108	H
			2.4835	51.41	RMS	32.2	-40.35	0	43.26	54	-10.74	-	-	215	108	H
			2.483579	77.34	Pk	32.2	-40.35	0	69.19	-	-	74	-4.81	215	108	H
			2.484921	54.86	RMS	32.2	-40.2	0	46.86	54	-7.14	-	-	215	108	H
			2.4835	74.38	Pk	32.2	-40.35	0	66.23	-	-	74	-7.77	33	389	V
			2.4835	51.39	RMS	32.2	-40.35	0	43.24	54	-10.76	-	-	33	389	V
			2.483552	75.6	Pk	32.2	-40.35	0	67.45	-	-	74	-6.55	33	389	V
			2.484284	54.41	RMS	32.2	-40.31	0	46.3	54	-7.7	-	-	33	389	V

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

UL Verification Inc.
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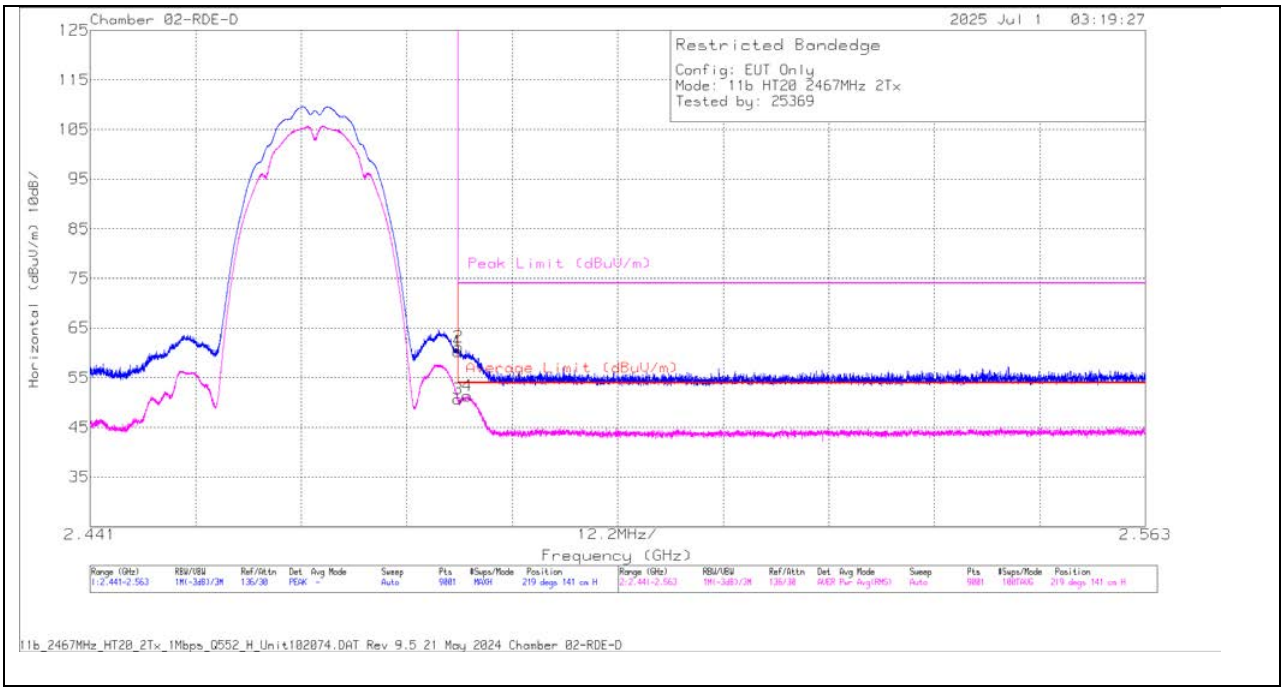
2TX Antenna 4+3: 802.11b Mode
BANDEDGE (HIGH CHANNEL / 2467MHz)

HORIZONTAL RESULT



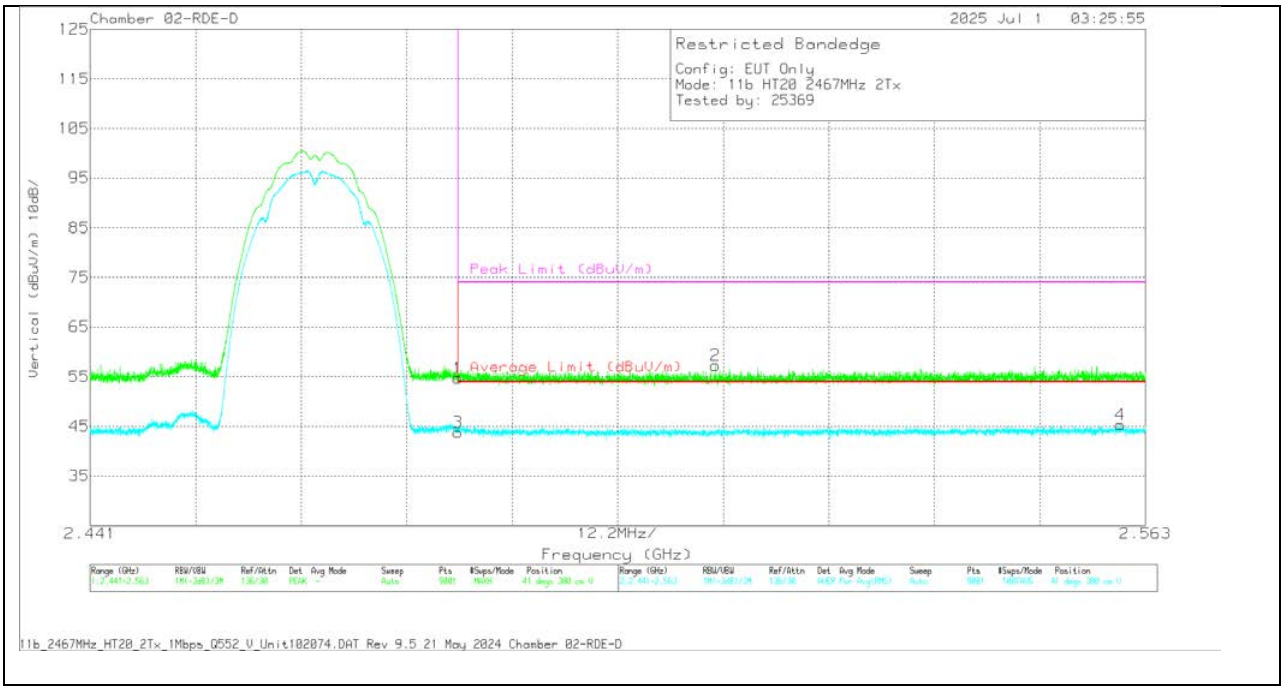
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	66.38	Pk	32.2	-38.3	0	60.28	-	-	74	-13.72	219	141	H
2	* 2.483552	67.32	Pk	32.2	-38.3	0	61.22	-	-	74	-12.78	219	141	H
3	* 2.4835	56.77	RMS	32.2	-38.3	0	50.67	54	-3.33	-	-	219	141	H
4	* 2.484623	57.45	RMS	32.2	-38.3	0	51.35	54	-2.65	-	-	219	141	H

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

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.79	Pk	32.2	-38.3	0	54.69	-	-	74	-19.31	41	380	V
2	2.513308	63.25	Pk	32.2	-38.2	0	57.25	-	-	74	-16.75	41	380	V
3	* 2.4835	49.87	RMS	32.2	-38.3	0	43.77	54	-10.23	-	-	41	380	V
4	2.560089	50.94	RMS	32.4	-38	0	45.34	54	-8.66	-	-	41	380	V

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

UL Verification Inc.
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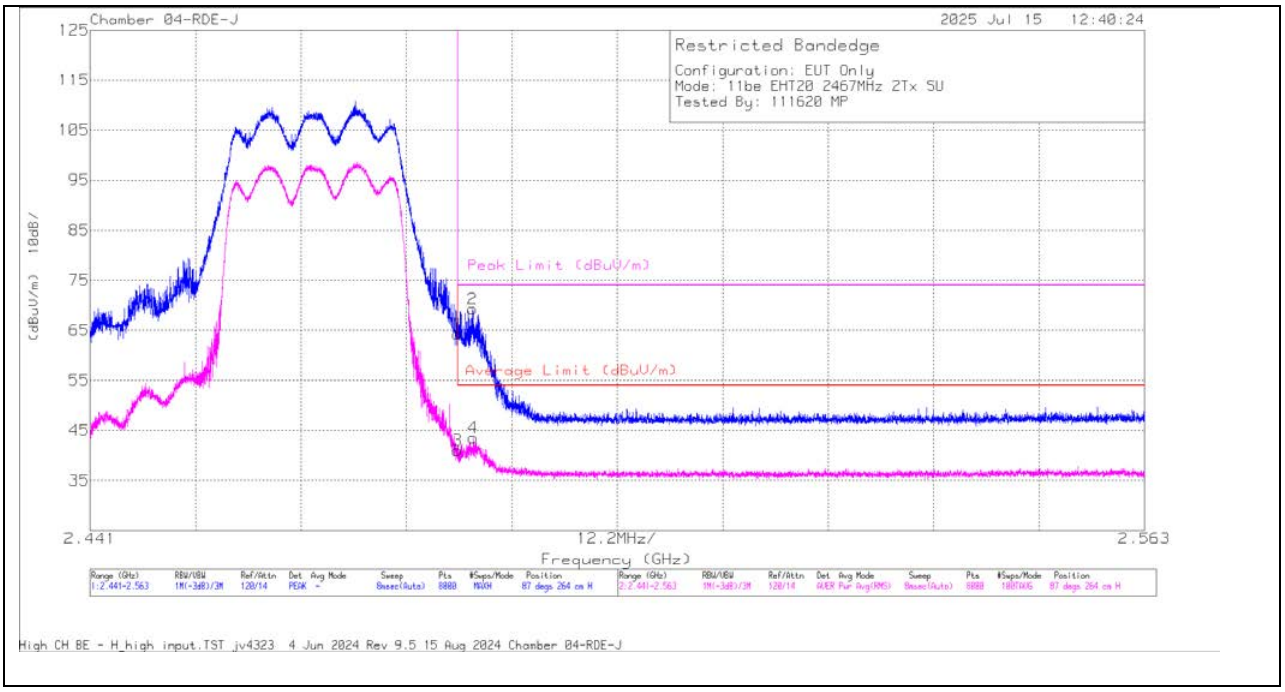
2TX Antenna 4+3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2467MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	59.98	Pk	32.4	-28.1	0	64.28	-	-	74	-9.72	87	264	H
2	* 2.485277	64.95	Pk	32.4	-28.1	0	69.25	-	-	74	-4.75	87	264	H
3	* 2.4835	36.75	RMS	32.4	-28.1	0	41.05	54	-12.95	-	-	87	264	H
4	* 2.485338	39.17	RMS	32.4	-28.1	0	43.47	54	-10.53	-	-	87	264	H

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

UL Verification Inc.
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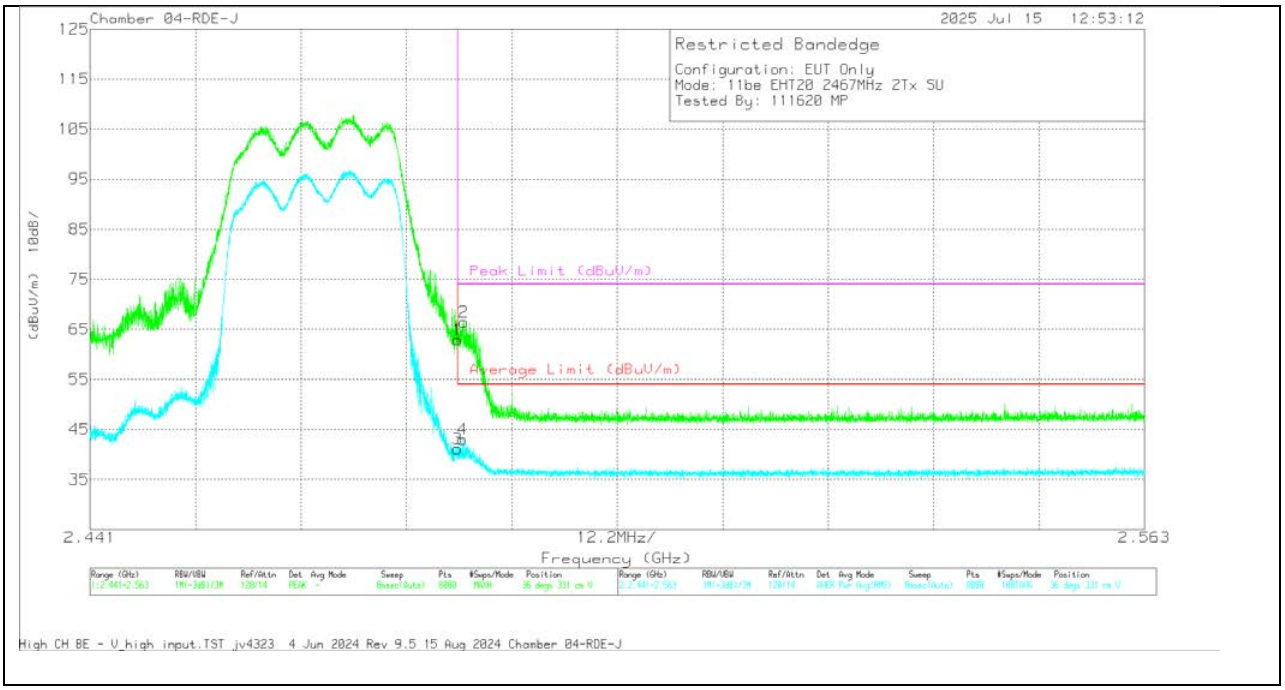
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	58.63	Pk	32.4	-28.1	0	62.93	-	-	74	-11.07	36	331	V
2	* 2.484239	62.11	Pk	32.4	-28.1	0	66.41	-	-	74	-7.59	36	331	V
3	* 2.4835	36.79	RMS	32.4	-28.1	0	41.09	54	-12.91	-	-	36	331	V
4	* 2.484102	38.66	RMS	32.4	-28.1	0	42.96	54	-11.04	-	-	36	331	V

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

10.1.10. 802.11b/n/be MIMO CDD MODE – HIGH BANDEDGE – CHANNEL 13

DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2472	4+3	* 2.4835	62.37	Pk	32.2	-38.3	0	56.27	-	-	74	-17.73	221	111	H
			* 2.486467	66.27	Pk	32.2	-38.3	0	60.17	-	-	74	-13.83	221	111	H
			* 2.4835	51.41	RMS	32.2	-38.3	0	45.31	54	-8.69	-	-	221	111	H
			* 2.486209	56.93	RMS	32.2	-38.3	0	50.83	54	-3.17	-	-	221	111	H
			* 2.4835	60.92	Pk	32.2	-38.3	0	54.82	-	-	74	-19.18	158	373	V
			* 2.495888	62.97	Pk	32.2	-38.1	0	57.07	-	-	74	-16.93	158	373	V
			* 2.4835	50.14	RMS	32.2	-38.3	0	44.04	54	-9.96	-	-	158	373	V
			* 2.485938	51.72	RMS	32.2	-38.4	0	45.52	54	-8.48	-	-	158	373	V
HT20	2472	4+3	* 2.4835	62.52	Pk	32.4	-28.1	0	66.82	-	-	74	-7.18	278	117	H
			* 2.484682	64.28	Pk	32.4	-28.1	0	68.58	-	-	74	-5.42	278	117	H
			* 2.4835	41.98	RMS	32.4	-28.1	0	46.28	54	-7.72	-	-	278	117	H
			* 2.483523	42.57	RMS	32.4	-28.1	0	46.87	54	-7.13	-	-	278	117	H
			* 2.4835	59.2	Pk	32.4	-28.1	0	63.5	-	-	74	-10.5	268	383	V
			* 2.484102	62.04	Pk	32.4	-28.1	0	66.34	-	-	74	-7.66	268	383	V
			* 2.4835	38.95	RMS	32.4	-28.1	0	43.25	54	-10.75	-	-	268	383	V
			* 2.48369	40.28	RMS	32.4	-28.1	0	44.58	54	-9.42	-	-	268	383	V
EHT20 (SU Mode)	2472	4+3	* 2.4835	64.27	Pk	32.4	-28.1	0	68.57	-	-	74	-5.43	81	178	H
			* 2.483507	63.77	Pk	32.4	-28.1	0	68.07	-	-	74	-5.93	81	178	H
			* 2.4835	43.11	RMS	32.4	-28.1	0	47.41	54	-6.59	-	-	81	178	H
			* 2.483538	42.45	RMS	32.4	-28.1	0	46.75	54	-7.25	-	-	81	178	H
			* 2.4835	58.89	Pk	32.4	-28.1	0	63.19	-	-	74	-10.81	47	329	V
			* 2.483568	58.86	Pk	32.4	-28.1	0	63.16	-	-	74	-10.84	47	329	V
			* 2.4835	37.64	RMS	32.4	-28.1	0	41.94	54	-12.06	-	-	47	329	V
			* 2.483599	38.26	RMS	32.4	-28.1	0	42.56	54	-11.44	-	-	47	329	V
EHT20 (RU26 / Index 8)	2472	4+3	* 2.4835	73.95	Pk	32.4	-36.91	0	69.44	-	-	74	-4.56	321	122	H
			* 2.483539	73.76	Pk	32.4	-36.9	0	69.26	-	-	74	-4.74	321	122	H
			* 2.4835	52.67	RMS	32.4	-36.91	0	48.16	54	-5.84	-	-	321	122	H
			* 2.483552	53.71	RMS	32.4	-36.9	0	49.21	54	-4.79	-	-	321	122	H
			* 2.4835	64.06	Pk	32.4	-36.91	0	59.55	-	-	74	-14.45	135	352	V
			* 2.483579	64.43	Pk	32.4	-36.9	0	59.93	-	-	74	-14.07	135	352	V
			* 2.4835	49.38	RMS	32.4	-36.91	0	44.87	54	-9.13	-	-	135	352	V
			2.519991	50.23	RMS	32.5	-36.91	0	45.82	54	-8.18	-	-	135	352	V

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

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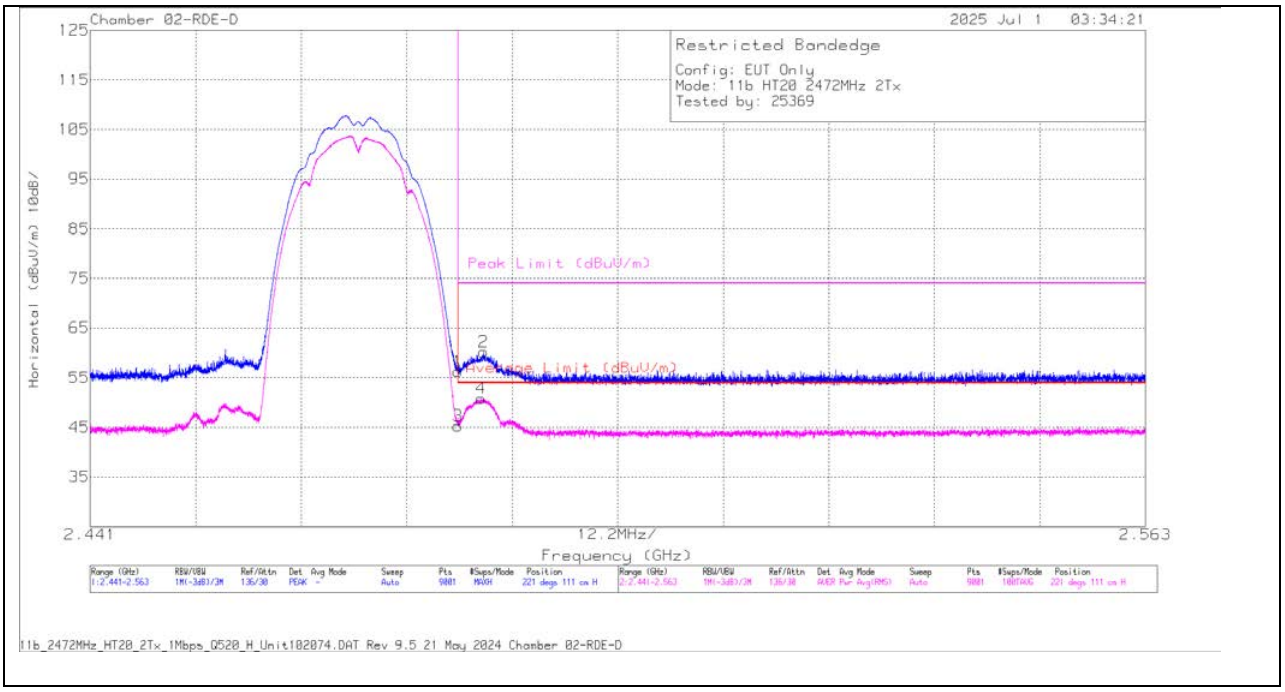
2TX Antenna 4+3: 802.11b Mode
BANDEDGE (HIGH CHANNEL / 2472MHz)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	62.37	Pk	32.2	-38.3	0	56.27	-	-	74	-17.73	221	111	H
2	* 2.486467	66.27	Pk	32.2	-38.3	0	60.17	-	-	74	-13.83	221	111	H
3	* 2.4835	51.41	RMS	32.2	-38.3	0	45.31	54	-8.69	-	-	221	111	H
4	* 2.486209	56.93	RMS	32.2	-38.3	0	50.83	54	-3.17	-	-	221	111	H

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

UL Verification Inc.
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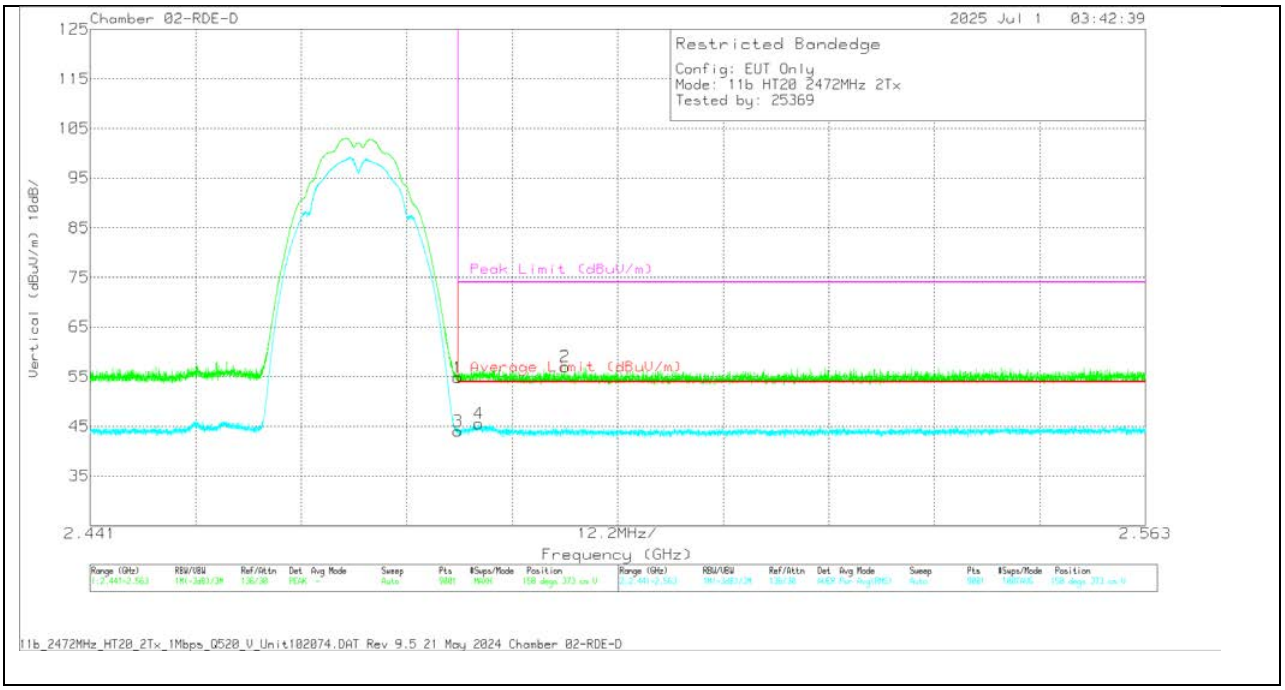
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.92	Pk	32.2	-38.3	0	54.82	-	-	74	-19.18	158	373	V
2	* 2.495888	62.97	Pk	32.2	-38.1	0	57.07	-	-	74	-16.93	158	373	V
3	* 2.4835	50.14	RMS	32.2	-38.3	0	44.04	54	-9.96	-	-	158	373	V
4	* 2.485938	51.72	RMS	32.2	-38.4	0	45.52	54	-8.48	-	-	158	373	V

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

UL Verification Inc.
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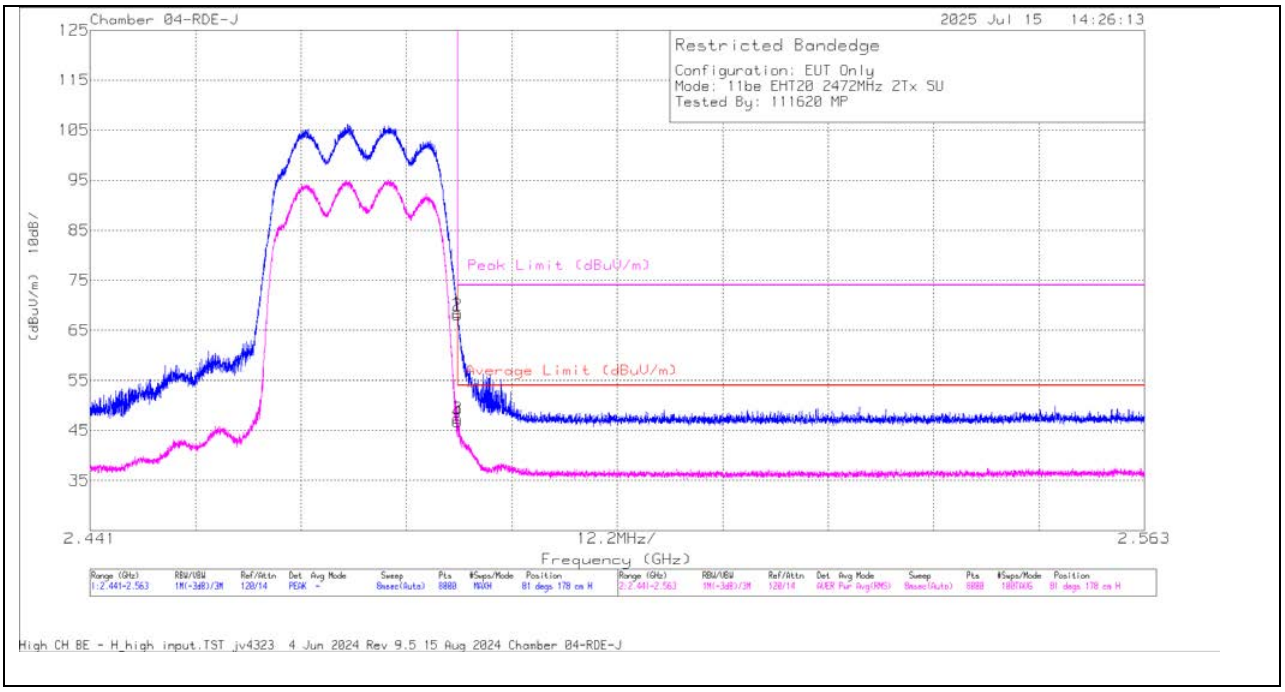
2TX Antenna 4+3: 802.11be EHT20 SU Mode
BANDEDGE (LOW CHANNEL / 2472MHz)

HORIZONTAL RESULT



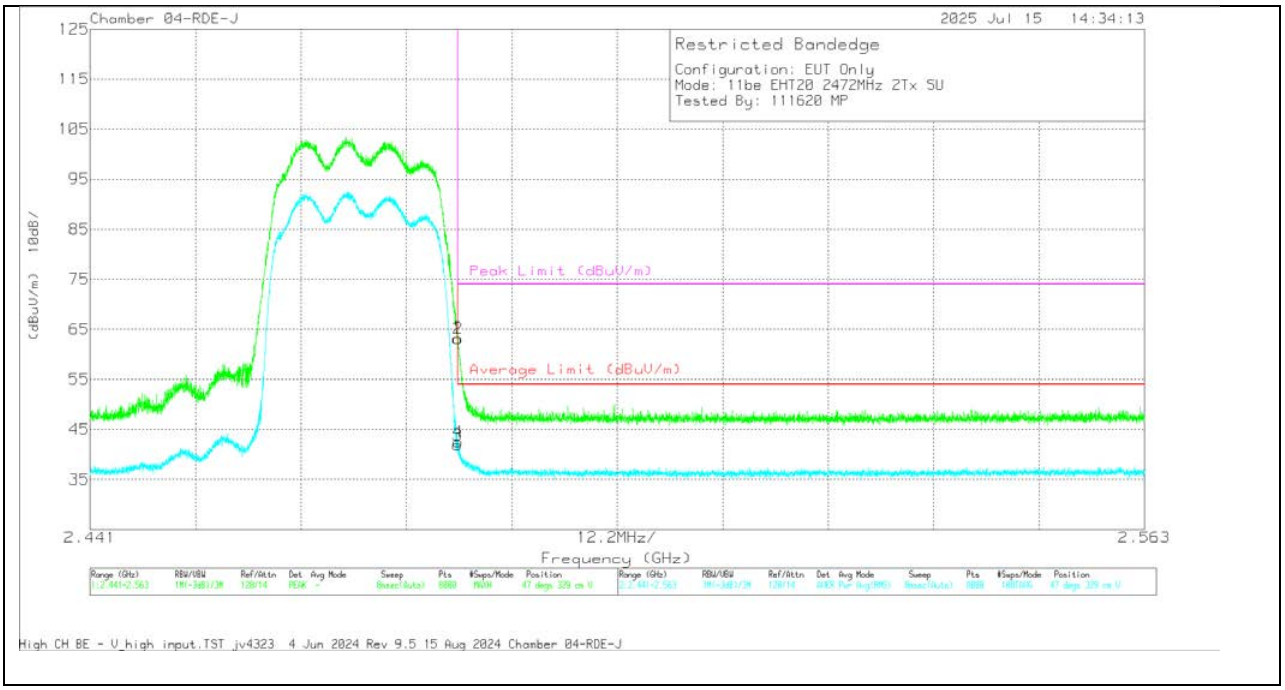
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	64.27	Pk	32.4	-28.1	0	68.57	-	-	74	-5.43	81	178	H
2	* 2.483507	63.77	Pk	32.4	-28.1	0	68.07	-	-	74	-5.93	81	178	H
3	* 2.4835	43.11	RMS	32.4	-28.1	0	47.41	54	-6.59	-	-	81	178	H
4	* 2.483538	42.45	RMS	32.4	-28.1	0	46.75	54	-7.25	-	-	81	178	H

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

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (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	58.89	Pk	32.4	-28.1	0	63.19	-	-	74	-10.81	47	329	V
2	* 2.483568	58.86	Pk	32.4	-28.1	0	63.16	-	-	74	-10.84	47	329	V
3	* 2.4835	37.64	RMS	32.4	-28.1	0	41.94	54	-12.06	-	-	47	329	V
4	* 2.483599	38.26	RMS	32.4	-28.1	0	42.56	54	-11.44	-	-	47	329	V

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

10.1.11. 802.11b MIMO CDD MODE – HARMONIC AND SPURIOUS EMISSIONS

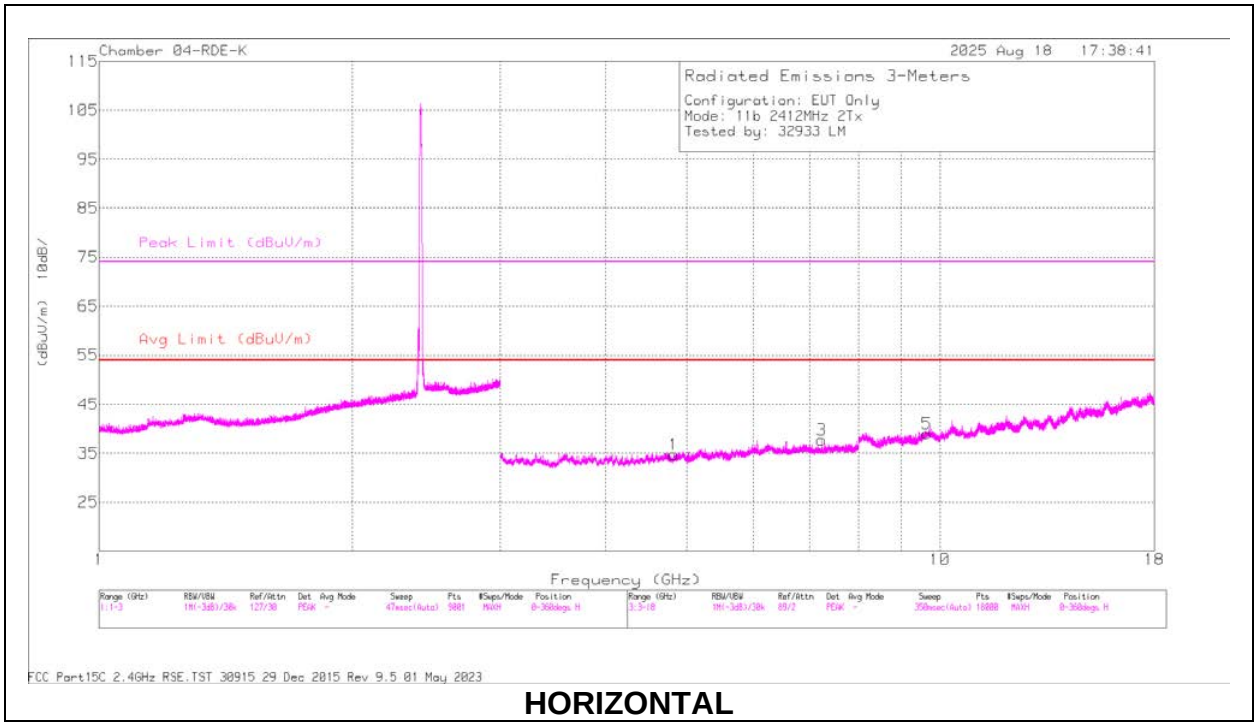
DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2412	4+3	* 4.826764	50.57	PK2	34.1	0	-40.2	44.47			74	-29.53	88	223	H
			* 4.826764	39.11	MAv1	34.1	0	-40.2	33.01	54	-20.99			88	223	H
			* 4.823432	39.11	MAv1	34.1	0	-40.2	33.01	54	-20.99			232	249	V
			* 4.823438	50.86	PK2	34.1	0	-40.2	44.76			74	-29.24	232	249	V
			7.238571	51.12	PK2	35.6	0	-38.1	48.62	-	-	-	-	141	198	H
			7.238578	40.86	MAv1	35.6	0	-38.1	38.36	-	-	-	-	141	198	H
			7.235235	51.2	PK2	35.6	0	-38.1	48.7	-	-	-	-	219	117	V
			7.235239	41.69	MAv1	35.6	0	-38.1	39.19	-	-	-	-	219	117	V
			9.649538	37.25	MAv1	36.7	0	-36.5	37.45	-	-	-	-	306	301	H
			9.649539	49	PK2	36.7	0	-36.5	49.2	-	-	-	-	306	301	H
			9.647868	37.5	MAv1	36.7	0	-36.4	37.8	-	-	-	-	211	289	V
			9.647869	48.56	PK2	36.7	0	-36.4	48.86	-	-	-	-	211	289	V
b-Mode	2437	4+3	* 4.600925	40.26	MAv1	34.3	0	-41.1	33.46	54	-20.54	-	-	54	297	H
			* 4.60093	51.69	PK2	34.3	0	-41.1	44.89	-	-	74	-29.11	54	297	H
			* 4.534251	40.19	MAv1	34.1	0	-41.2	33.09	54	-20.91	-	-	283	357	V
			* 4.534256	51.42	PK2	34.1	0	-41.2	44.32	-	-	74	-29.68	283	357	V
			* 7.308979	49.41	PK2	35.6	0	-37.8	47.21	-	-	74	-26.79	218	243	H
			* 7.308984	38.3	MAv1	35.6	0	-37.8	36.1	54	-17.9	-	-	218	243	H
			* 7.308582	38.05	MAv1	35.6	0	-37.8	35.85	54	-18.15	-	-	227	111	V
			* 7.308583	49.06	PK2	35.6	0	-37.8	46.86	-	-	74	-27.14	227	111	V
			9.750379	48.72	PK2	36.8	0	-36.4	49.12	-	-	-	-	44	336	H
			9.750385	37.48	MAv1	36.8	0	-36.4	37.88	-	-	-	-	44	336	H
			9.753719	37.38	MAv1	36.8	0	-36.3	37.88	-	-	-	-	250	143	V
			9.753721	48.78	PK2	36.8	0	-36.3	49.28	-	-	-	-	250	143	V
b-Mode	2472	4+3	* 4.940103	51.33	PK2	34.1	0	-40.3	45.13	-	-	74	-28.87	50	296	H
			* 4.940103	39.85	MAv1	34.1	0	-40.3	33.65	54	-20.35	-	-	50	296	H
			* 4.940109	51.24	PK2	34.1	0	-40.3	45.04	-	-	74	-28.96	354	194	V
			* 4.940109	39.7	MAv1	34.1	0	-40.3	33.5	54	-20.5	-	-	354	194	V
			* 7.391081	48.54	PK2	35.6	0	-37.6	46.54	-	-	74	-27.46	253	184	H
			* 7.391085	37	MAv1	35.6	0	-37.6	35	54	-19	-	-	253	184	H
			* 7.251059	37.15	MAv1	35.6	0	-38.1	34.65	54	-19.35	-	-	81	333	V
			* 7.251061	49.1	PK2	35.6	0	-38.1	46.6	-	-	74	-27.4	81	333	V
			9.88289	36.35	MAv1	37.1	0	-36.2	37.25	-	-	-	-	31	267	H
			9.882891	48.35	PK2	37.1	0	-36.2	49.25	-	-	-	-	31	267	H
			9.892879	36.24	MAv1	37.1	0	-36.3	37.04	-	-	-	-	340	222	V
			9.892881	47.68	PK2	37.1	0	-36.3	48.48	-	-	-	-	340	222	V

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

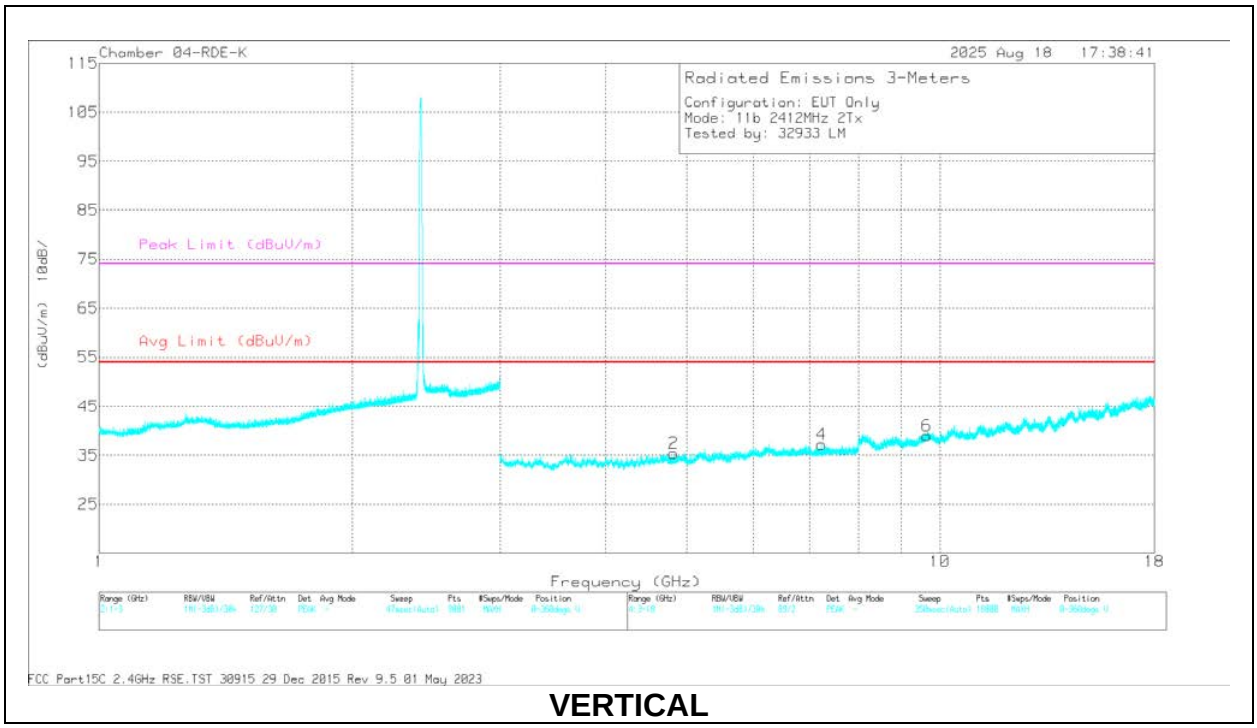
UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

2TX Antenna 2+1: 802.11b Mode

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

UL Verification Inc.
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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB/m)	Amp/Cbl/Fltr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.826764	50.57	PK2	34.1	-40.2	0	44.47			74	-29.53	88	223	H
	* 4.826764	39.11	MAv1	34.1	-40.2	0	33.01	54	-20.99			88	223	H
2	* 4.823432	39.11	MAv1	34.1	-40.2	0	33.01	54	-20.99			232	249	V
	* 4.823438	50.86	PK2	34.1	-40.2	0	44.76			74	-29.24	232	249	V
3	7.238571	51.12	PK2	35.6	-38.1	0	48.62	-	-	-	-	141	198	H
	7.238578	40.86	MAv1	35.6	-38.1	0	38.36	-	-	-	-	141	198	H
4	7.235235	51.2	PK2	35.6	-38.1	0	48.7	-	-	-	-	219	117	V
	7.235239	41.69	MAv1	35.6	-38.1	0	39.19	-	-	-	-	219	117	V
5	9.649538	37.25	MAv1	36.7	-36.5	0	37.45	-	-	-	-	306	301	H
	9.649539	49	PK2	36.7	-36.5	0	49.2	-	-	-	-	306	301	H
6	9.647868	37.5	MAv1	36.7	-36.4	0	37.8	-	-	-	-	211	289	V
	9.647869	48.56	PK2	36.7	-36.4	0	48.86	-	-	-	-	211	289	V

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

UL Verification Inc.
47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

10.1.12. 802.11n HT20 MIMO CDD MODE – HARMONIC AND SPURIOUS EMISSIONS

DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HT20	2412	4 + 3	* 3.726117	58.03	PK2	33.3	0	-47.21	44.12	-	-	74	-29.88	0	101	H
			* 3.725593	46.58	MAv1	33.3	0	-47.2	32.68	54	-21.32	-	-	0	101	H
			* 3.948585	58.39	PK2	33.5	0	-47.26	44.63	-	-	74	-29.37	0	199	V
			* 3.947929	46.59	MAv1	33.5	0	-47.2	32.89	54	-21.11	-	-	0	199	V
			2.083738	50.05	MAv1	31.5	0	-40.3	41.62	-	-	-	-	0	101	V
			2.086271	61.67	PK2	31.5	0	-40.23	52.94	-	-	74	-21.06	0	101	V
			2.11116	49.99	MAv1	31.5	0	-40.3	41.56	-	-	-	-	0	199	H
			2.112309	61.81	PK2	31.5	0	-40.3	53.01	-	-	74	-20.99	0	199	H
			17.107222	54.86	PK2	41.8	0	-41.5	55.16	-	-	74	-18.84	0	199	V
			17.108245	43.44	MAv1	41.8	0	-41.48	44.13	-	-	-	-	0	199	V
			17.59063	41.9	MAv1	41.9	0	-39.8	44.37	-	-	-	-	0	199	H
			17.59071	53.77	PK2	41.9	0	-39.8	55.87	-	-	74	-18.13	0	199	H
HT20	2437	4 + 3	* 3.513177	57.65	PK2	32.9	0	-46.7	43.85	-	-	74	-30.15	1	101	H
			* 3.512879	45.95	MAv1	32.9	0	-46.69	32.16	54	-21.84	-	-	1	101	H
			* 4.22129	58.47	PK2	33.5	0	-47.27	44.7	-	-	74	-29.3	1	101	V
			* 4.222389	46.49	MAv1	33.5	0	-47.28	32.69	54	-21.31	-	-	1	101	V
			1.799275	50.15	MAv1	30.1	0	-40.2	40.42	-	-	-	-	1	101	V
			1.800118	61.72	PK2	30.2	0	-40.2	51.72	-	-	74	-22.28	1	101	V
			1.808165	49.88	MAv1	30.2	0	-40.3	40.15	-	-	-	-	1	101	H
			1.808555	61.51	PK2	30.3	0	-40.3	51.51	-	-	74	-22.49	1	101	H
			17.034455	54.53	PK2	41.8	0	-41.4	54.93	-	-	74	-19.07	1	200	H
			17.03466	42.71	MAv1	41.8	0	-41.4	43.48	-	-	-	-	1	200	H
			17.528523	52.75	PK2	41.9	0	-39.55	55.1	-	-	74	-18.9	1	101	V
			17.529301	41.44	MAv1	41.9	0	-39.54	44.17	-	-	-	-	1	101	V
HT20	2472	4 + 3	* 3.561744	57.54	PK2	33	0	-46.9	43.64	-	-	74	-30.36	1	200	H
			* 3.563176	45.88	MAv1	33	0	-46.9	31.98	54	-22.02	-	-	1	200	H
			* 3.69276	57.94	PK2	33.2	0	-47.12	44.02	-	-	74	-29.98	1	101	V
			* 3.695404	46.28	MAv1	33.2	0	-47.24	32.24	54	-21.76	-	-	1	101	V
			1.892852	50.07	MAv1	30.9	0	-40.4	40.94	-	-	-	-	1	101	V
			1.893598	61.73	PK2	30.9	0	-40.4	52.23	-	-	74	-21.77	1	101	V
			1.970636	62.91	PK2	31.2	0	-40.4	53.71	-	-	74	-20.29	1	200	H
			1.970788	50.33	MAv1	31.2	0	-40.4	41.5	-	-	-	-	1	200	H
			17.044657	54.69	PK2	41.8	0	-41.27	55.22	-	-	74	-18.78	1	101	H
			17.046401	42.71	MAv1	41.8	0	-41.26	43.62	-	-	-	-	1	101	H
			17.528179	53.13	PK2	41.9	0	-39.52	55.51	-	-	74	-18.49	1	199	V
			17.528735	41.85	MAv1	41.9	0	-39.57	44.55	-	-	-	-	1	199	V

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

UL Verification Inc.
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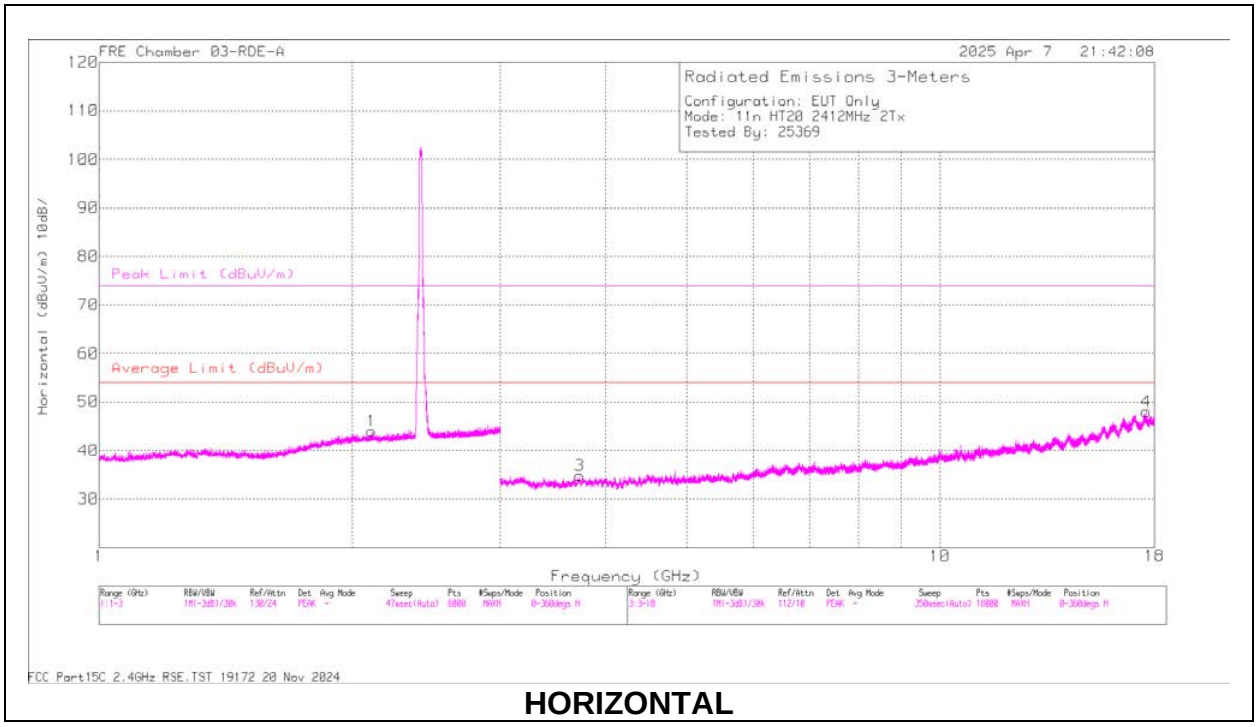
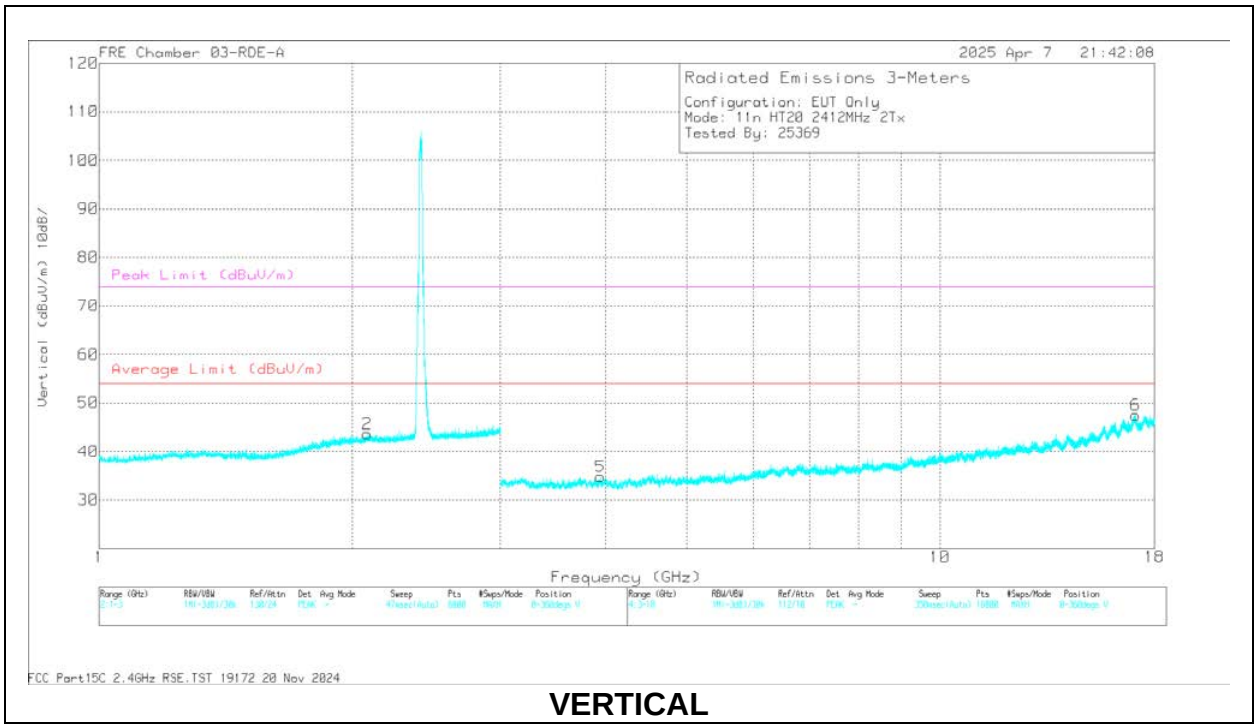
2TX Antenna 4+3: 802.11n HT20 Mode

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	DCCF (dB)	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	2.112309	61.81	PK2	31.5	0	-40.3	53.01	-	-	74	-20.99	0	199	H
2	2.086271	61.67	PK2	31.5	0	-40.23	52.94	-	-	74	-21.06	0	101	V
3	* 3.726117	58.03	PK2	33.3	0	-47.21	44.12	-	-	74	-29.88	0	101	H
	* 3.725593	46.58	MAv1	33.3	0	-47.2	32.68	54	-21.32	-	-	0	101	H
4	17.59071	53.77	PK2	41.9	0	-39.8	55.87	-	-	74	-18.13	0	199	H
5	* 3.948585	58.39	PK2	33.5	0	-47.26	44.63	-	-	74	-29.37	0	199	V
	* 3.947929	46.59	MAv1	33.5	0	-47.2	32.89	54	-21.11	-	-	0	199	V
6	17.107222	54.86	PK2	41.8	0	-41.5	55.16	-	-	74	-18.84	0	199	V

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

UL Verification Inc.
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10.1.13. 802.11be EHT20 MIMO CDD SU MODE – HARMONIC AND SPURIOUS EMISSIONS

DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
EHT20 (SU)	2412	4 + 3	* 3.948732	58.09	PK2	33.5	0	-47.27	44.32	-	-	74	-29.68	0	199	H
			* 3.947387	46.37	MAv1	33.5	0	-47.2	32.67	54	-21.33	-	-	0	199	H
			* 4.223421	58.18	PK2	33.5	0	-47.4	44.28	-	-	74	-29.72	0	199	V
			* 4.222791	46.41	MAv1	33.5	0	-47.36	32.55	54	-21.45	-	-	0	199	V
			2.123511	61.59	PK2	31.5	0	-40.3	52.79	-	-	74	-21.21	0	199	H
			2.124845	50.19	MAv1	31.5	0	-40.3	41.82	-	-	-	-	0	199	H
			2.130008	50.12	MAv1	31.5	0	-40.4	41.65	-	-	-	-	0	199	V
			2.132188	62.01	PK2	31.5	0	-40.3	53.21	-	-	74	-20.79	0	199	V
			17.05092	42.84	MAv1	41.8	0	-41.19	43.88	-	-	-	-	0	199	V
			17.052539	54.29	PK2	41.8	0	-41.05	55.04	-	-	74	-18.96	0	199	V
			17.503229	42.14	MAv1	41.9	0	-39.98	44.49	-	-	-	-	0	199	H
			17.504849	53.85	PK2	41.9	0	-39.98	55.77	-	-	74	-18.23	0	199	H
EHT20 (SU)	2437	4 + 3	* 3.671135	58	PK2	33.2	0	-47.3	43.9	-	-	74	-30.1	2	200	V
			* 3.671019	46.47	MAv1	33.2	0	-47.3	32.37	54	-21.63	-	-	2	200	V
			2.121592	50.13	MAv1	31.5	0	-40.4	41.66	-	-	-	-	2	200	H
			2.122602	62.61	PK2	31.5	0	-40.34	53.77	-	-	74	-20.23	2	200	H
			2.178921	61.82	PK2	31.5	0	-40.31	53.01	-	-	74	-20.99	2	101	V
			2.179831	49.95	MAv1	31.5	0	-40.3	41.58	-	-	-	-	2	101	V
			3.445507	46.12	MAv1	32.8	0	-46.8	32.55	-	-	-	-	2	101	H
			3.445842	57.7	PK2	32.8	0	-46.8	43.7	-	-	74	-30.3	2	101	H
			17.502416	41.83	MAv1	41.9	0	-40.06	44.1	-	-	-	-	2	101	H
			17.504775	52.98	PK2	41.9	0	-39.98	54.9	-	-	74	-19.1	2	101	H
			17.540266	53.24	PK2	41.9	0	-39.5	55.64	-	-	74	-18.36	2	200	V
			17.541336	41.57	MAv1	41.9	0	-39.53	44.37	-	-	-	-	2	200	V
EHT20 (SU)	2472	4 + 3	* 3.772436	57.77	PK2	33.4	0	-46.94	44.23	-	-	74	-29.77	0	101	H
			* 3.772586	46.38	MAv1	33.4	0	-46.96	32.82	54	-21.18	-	-	0	101	H
			* 4.116669	57.34	PK2	33.4	0	-46.9	43.84	-	-	74	-30.16	0	101	V
			* 4.115735	45.64	MAv1	33.4	0	-46.9	32.14	54	-21.86	-	-	0	101	V
			2.090381	49.84	MAv1	31.5	0	-40.36	41.41	-	-	-	-	0	101	H
			2.091684	62.07	PK2	31.5	0	-40.3	53.27	-	-	74	-20.73	0	101	H
			2.136033	61.86	PK2	31.5	0	-40.4	52.96	-	-	74	-21.04	0	101	V
			2.138646	49.99	MAv1	31.5	0	-40.34	41.58	-	-	-	-	0	101	V
			17.065863	54.04	PK2	41.8	0	-41.1	54.74	-	-	74	-19.26	0	199	V
			17.066659	42.55	MAv1	41.8	0	-41.1	43.68	-	-	-	-	0	199	V
			17.505263	42.03	MAv1	41.9	0	-39.97	44.39	-	-	-	-	0	200	H
			17.506509	53.76	PK2	41.9	0	-39.9	55.76	-	-	74	-18.24	0	200	H

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

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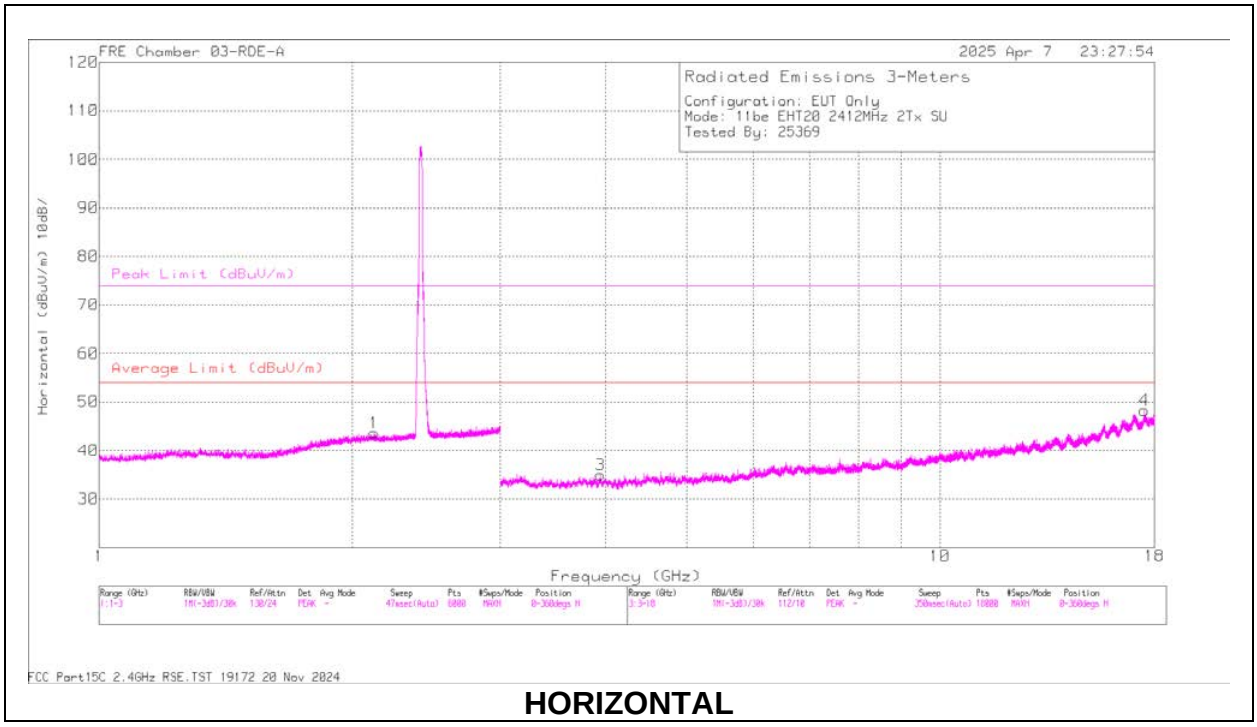
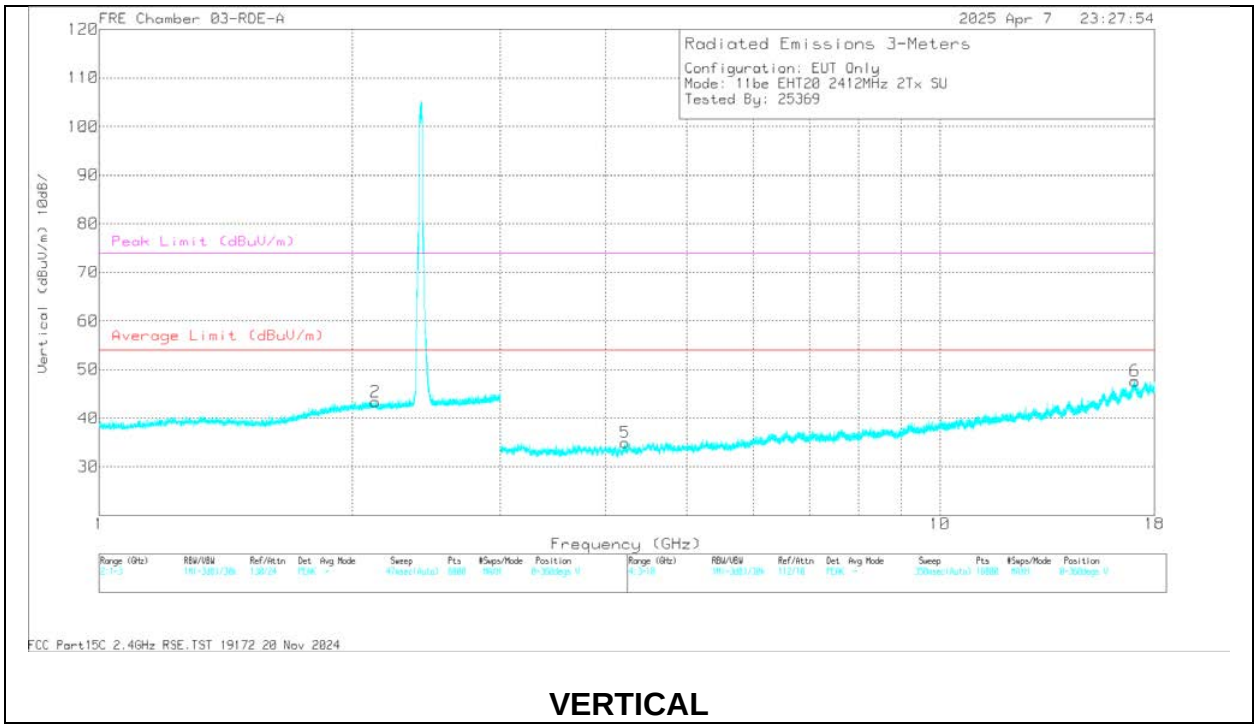
2TX Antenna 4+3: 802.11be EHT20 SU Mode

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

UL Verification Inc.
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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 3.948732	58.09	PK2	33.5	0	-47.27	44.32	-	-	74	-29.68	0	199	H
3	* 3.947387	46.37	MAv1	33.5	0	-47.2	32.67	54	-21.32	-	-	0	199	H
5	* 4.223421	58.18	PK2	33.5	0	-47.4	44.28	-	-	74	-29.72	0	199	V
5	* 4.222791	46.41	MAv1	33.5	0	-47.36	32.55	54	-21.45	-	-	0	199	V
1	2.123511	61.59	PK2	31.5	0	-40.3	52.79	-	-	74	-21.21	0	199	H
1	2.124845	50.19	MAv1	31.5	0	-40.3	41.82	-	-	-	-	0	199	H
2	2.130008	50.12	MAv1	31.5	0	-40.4	41.65	-	-	-	-	0	199	V
2	2.132188	62.01	PK2	31.5	0	-40.3	53.21	-	-	74	-20.79	0	199	V
6	17.05092	42.84	MAv1	41.8	0	-41.19	43.88	-	-	-	-	0	199	V
6	17.052539	54.29	PK2	41.8	0	-41.05	55.04	-	-	74	-18.96	0	199	V
4	17.503229	42.14	MAv1	41.9	0	-39.98	44.49	-	-	-	-	0	199	H
4	17.504849	53.85	PK2	41.9	0	-39.98	55.77	-	-	74	-18.23	0	199	H

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

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10.1.14. 802.11be EHT20 MIMO CDD PARTIAL RU MODE – HARMONIC AND SPURIOUS EMISSIONS

DTS (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
EHT20 (RU 26T/ Index 0)	2412	4 + 3	* 1.528469	61.52	PK2	28	0	-40	49.52	-	-	74	-24.48	2	200	H
			* 1.529892	49.69	MAv1	28	0	-40	37.69	54	-16.31	-	-	2	200	H
			* 4.213966	59.15	PK2	33.5	0	-47.4	45.25	-	-	74	-28.75	2	101	H
			* 4.215758	46.42	MAv1	33.5	0	-47.38	32.54	54	-21.46	-	-	2	101	H
			* 3.699565	57.86	PK2	33.2	0	-47.2	43.86	-	-	74	-30.14	2	200	V
			* 3.701198	46.14	MAv1	33.2	0	-47.2	32.14	54	-21.86	-	-	2	200	V
			1.648928	49.66	MAv1	28.4	0	-40.19	37.97	-	-	-	-	2	101	V
			1.649202	61.36	PK2	28.4	0	-40.18	49.58	-	-	74	-24.42	2	101	V
			17.044868	54	PK2	41.8	0	-41.29	54.51	-	-	74	-19.49	2	200	V
			17.045277	42.43	MAv1	41.8	0	-41.3	43.03	-	-	-	-	2	200	V
			17.587399	41.46	MAv1	41.9	0	-39.86	43.6	-	-	-	-	2	200	H
			17.588439	53.31	PK2	41.9	0	-39.84	55.37	-	-	74	-18.63	2	200	H
EHT20 (RU 26T/ Index 0)	2437	4 + 3	1.980731	49.88	MAv1	31.2	0	-40.4	40.78	-	-	-	-	2	101	V
			1.982413	61.81	PK2	31.2	0	-40.4	52.61	-	-	74	-21.39	2	101	V
			1.994122	50.08	MAv1	31.2	0	-40.4	40.98	-	-	-	-	2	200	H
			1.995478	61.53	PK2	31.2	0	-40.4	52.33	-	-	74	-21.67	2	200	H
			3.182028	59.09	PK2	32.9	0	-47	44.99	-	-	74	-29.01	2	200	H
			3.182366	47.15	MAv1	32.9	0	-47.04	33.11	-	-	-	-	2	200	H
			3.226233	46.37	MAv1	32.8	0	-46.78	32.49	-	-	-	-	2	200	V
			3.228199	57.98	PK2	32.8	0	-46.68	44.1	-	-	74	-29.9	2	200	V
			17.02121	41.96	MAv1	41.8	0	-41	42.86	-	-	-	-	2	101	H
			17.022616	53.73	PK2	41.8	0	-41.06	54.47	-	-	74	-19.53	2	101	H
			17.044011	54.72	PK2	41.8	0	-41.2	55.32	-	-	74	-18.68	2	200	V
			17.044319	42.81	MAv1	41.8	0	-41.23	43.48	-	-	-	-	2	200	V
EHT20 (RU 26T/ Index 0)	2472	4 + 3	* 3.725384	57.98	PK2	33.3	0	-47.2	44.08	-	-	74	-29.92	360	101	H
			* 3.725332	46.46	MAv1	33.3	0	-47.2	32.56	54	-21.44	-	-	360	101	H
			1.967634	50.1	MAv1	31.2	0	-40.3	41.1	-	-	-	-	360	101	H
			1.968307	62.04	PK2	31.2	0	-40.33	52.91	-	-	74	-21.09	360	101	H
			1.986037	61.23	PK2	31.2	0	-40.4	52.03	-	-	74	-21.97	360	200	V
			1.986512	49.99	MAv1	31.2	0	-40.4	40.89	-	-	-	-	360	200	V
			3.187267	46.95	MAv1	32.9	0	-47.05	32.9	-	-	-	-	360	101	V
			3.188966	58.6	PK2	32.9	0	-46.9	44.6	-	-	74	-29.4	360	101	V
			17.052322	54.16	PK2	41.8	0	-41.03	54.93	-	-	74	-19.07	360	101	H
			17.052714	42.34	MAv1	41.8	0	-41.07	43.17	-	-	-	-	360	101	H
			17.058619	42.6	MAv1	41.8	0	-41.14	43.36	-	-	-	-	360	200	V
			17.058921	54.31	PK2	41.8	0	-41.11	55	-	-	74	-19	360	200	V

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

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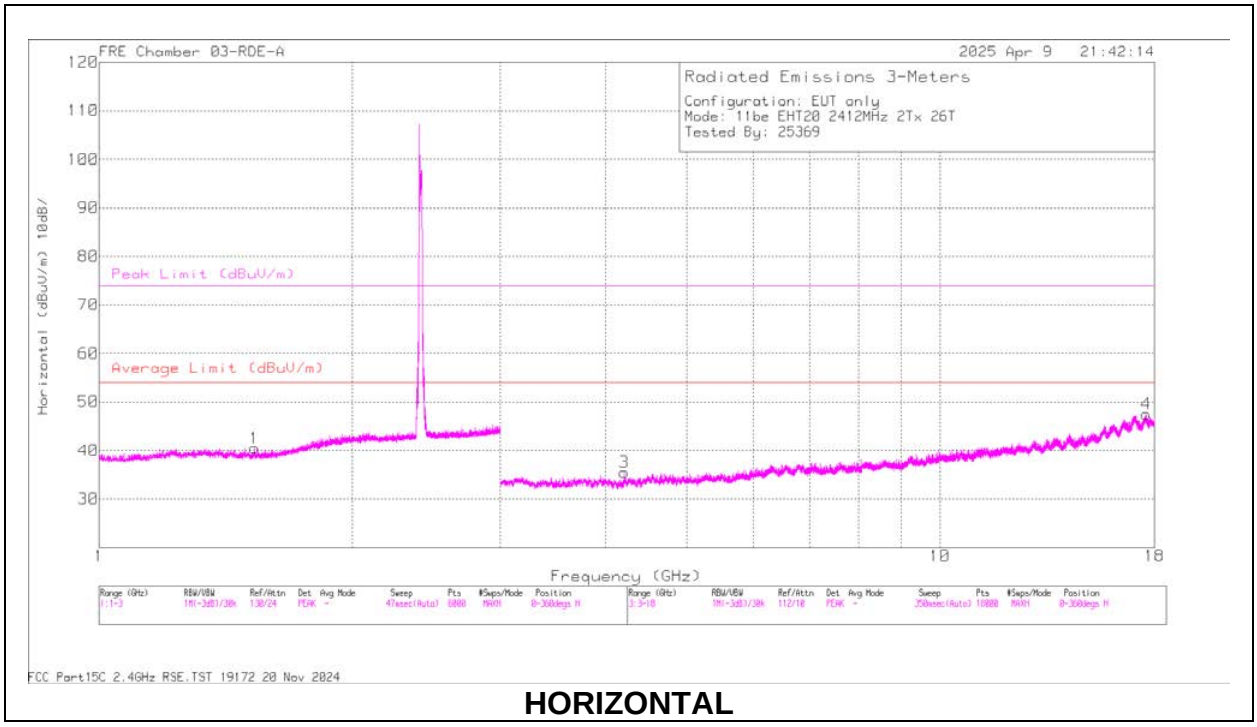
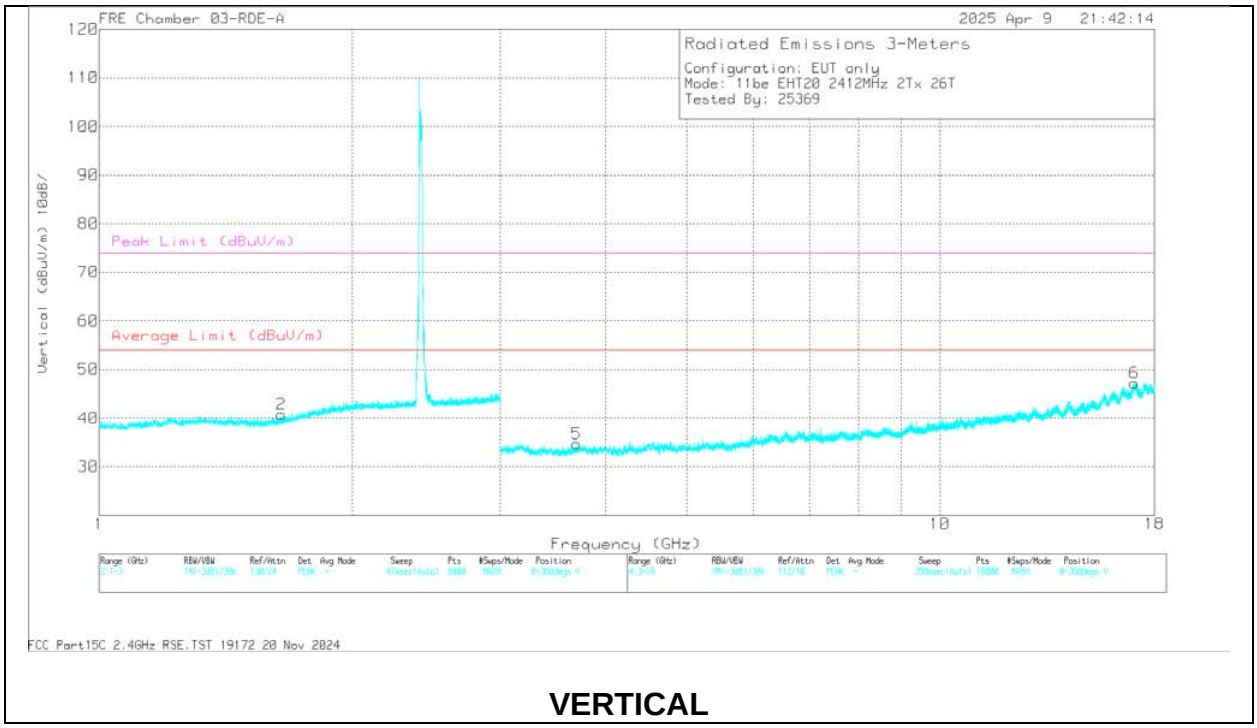
2TX Antenna 4+3: 802.11be EHT20 RU 26 / Index 0 Mode

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	DCCF (dB)	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	* 1.528469	61.52	PK2	28	0	-40	49.52	-	-	74	-24.48	2	200	H
1	* 1.529892	49.69	MAv1	28	0	-40	37.69	54	-16.31	-	-	2	200	H
3	* 4.213966	59.15	PK2	33.5	0	-47.4	45.25	-	-	74	-28.75	2	101	H
3	* 4.215758	46.42	MAv1	33.5	0	-47.38	32.54	54	-21.46	-	-	2	101	H
5	* 3.699565	57.86	PK2	33.2	0	-47.2	43.86	-	-	74	-30.14	2	200	V
5	* 3.701198	46.14	MAv1	33.2	0	-47.2	32.14	54	-21.86	-	-	2	200	V
2	1.648928	49.66	MAv1	28.4	0	-40.19	37.97	-	-	-	-	2	101	V
2	1.649202	61.36	PK2	28.4	0	-40.18	49.58	-	-	74	-24.42	2	101	V
6	17.044868	54	PK2	41.8	0	-41.29	54.51	-	-	74	-19.49	2	200	V
6	17.045277	42.43	MAv1	41.8	0	-41.3	43.03	-	-	-	-	2	200	V
4	17.587399	41.46	MAv1	41.9	0	-39.86	43.6	-	-	-	-	2	200	H
4	17.588439	53.31	PK2	41.9	0	-39.84	55.37	-	-	74	-18.63	2	200	H

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

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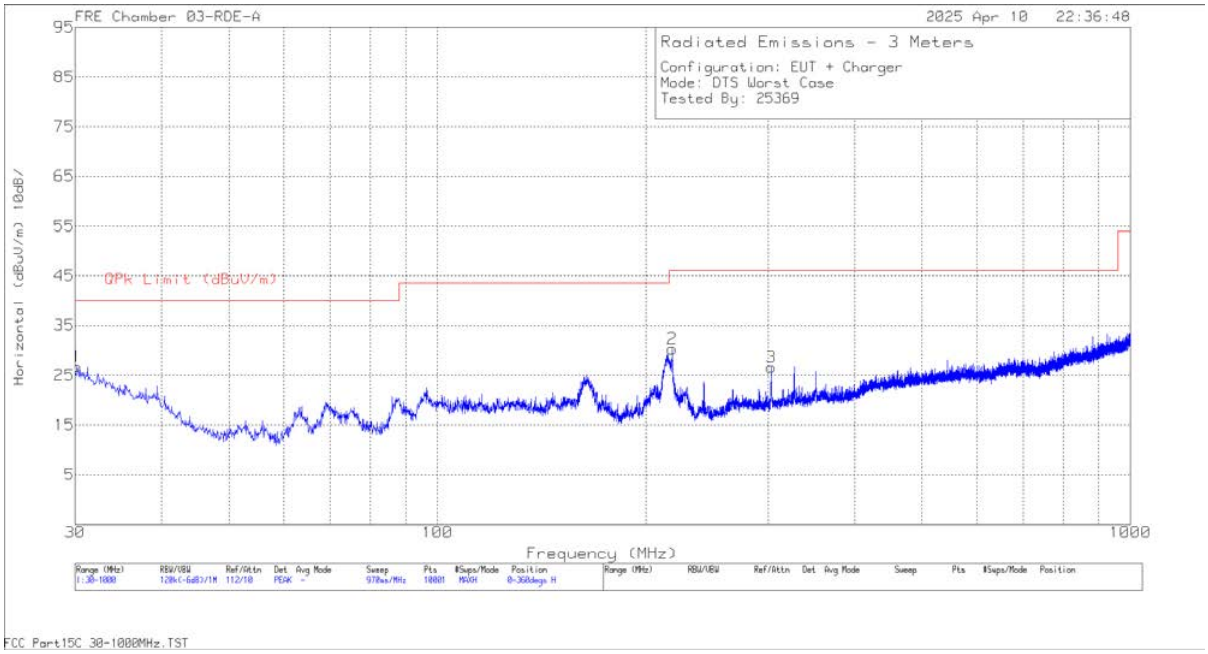
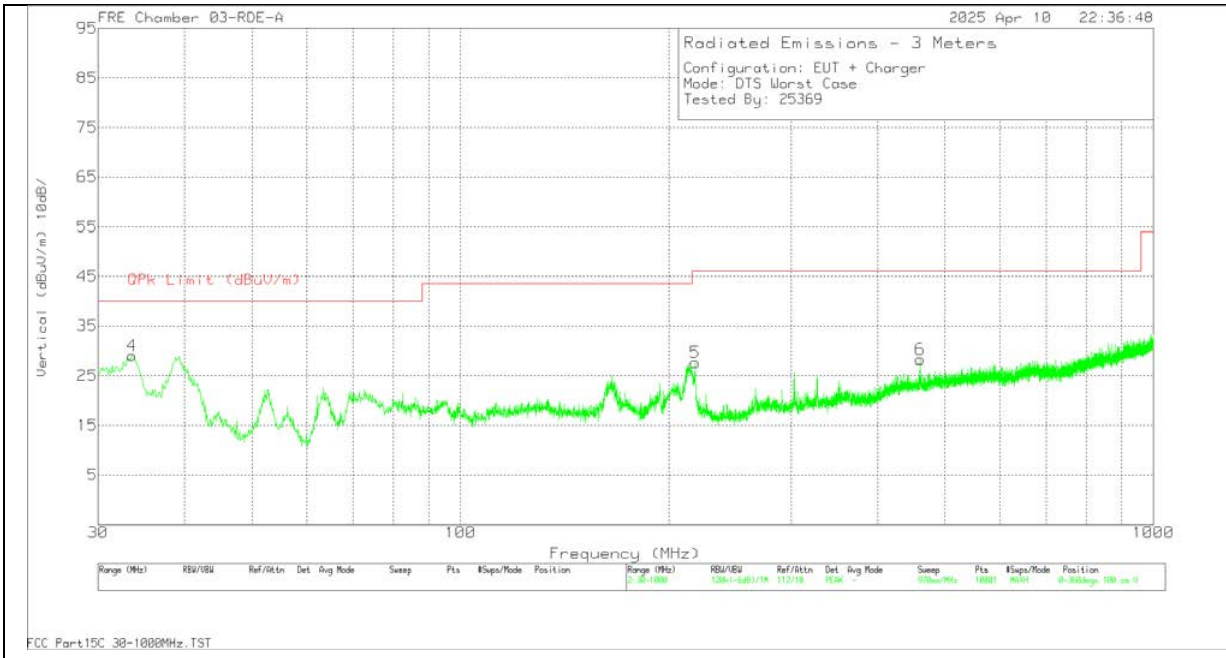
10.2. WORST CASE BELOW 1 GHz



HORIZONTAL



VERTICAL

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Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80813 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.0994	22.29	Qp	26.7	-31.1	17.89	40	-22.11	83	269	H
2	217.98	42.97	Qp	16.5	-29.4	29.92	46.02	-16.1	61	131	H
3	302.739	38.2	Pk	19.4	-28.7	28.9	46.02	-17.12	312	100	H
4	33.816	30.64	Qp	24.1	-31	23.74	40	-16.26	17	107	V
5	217.944	38.5	Qp	16.5	-29.4	25.6	46.02	-20.42	225	116	V
6	460.369	23.64	Qp	23.1	-28.3	18.44	46.02	-27.58	80	116	V

Pk - Peak detector
Qp - Quasi-Peak detector

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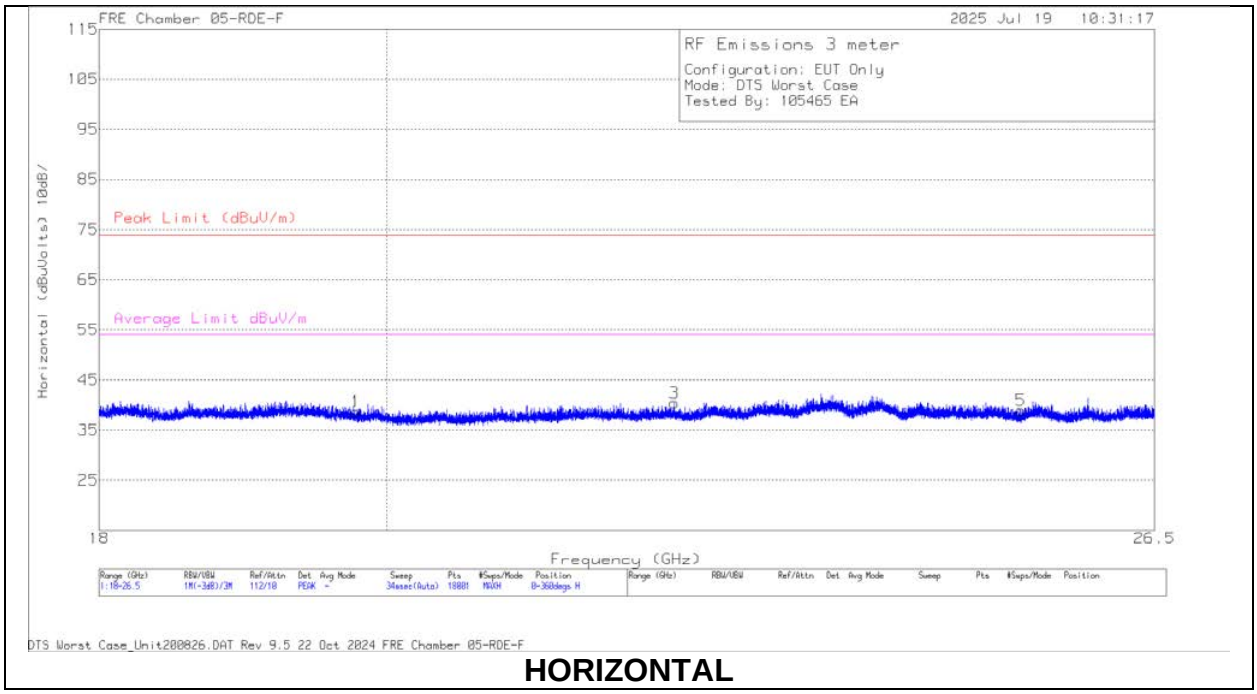
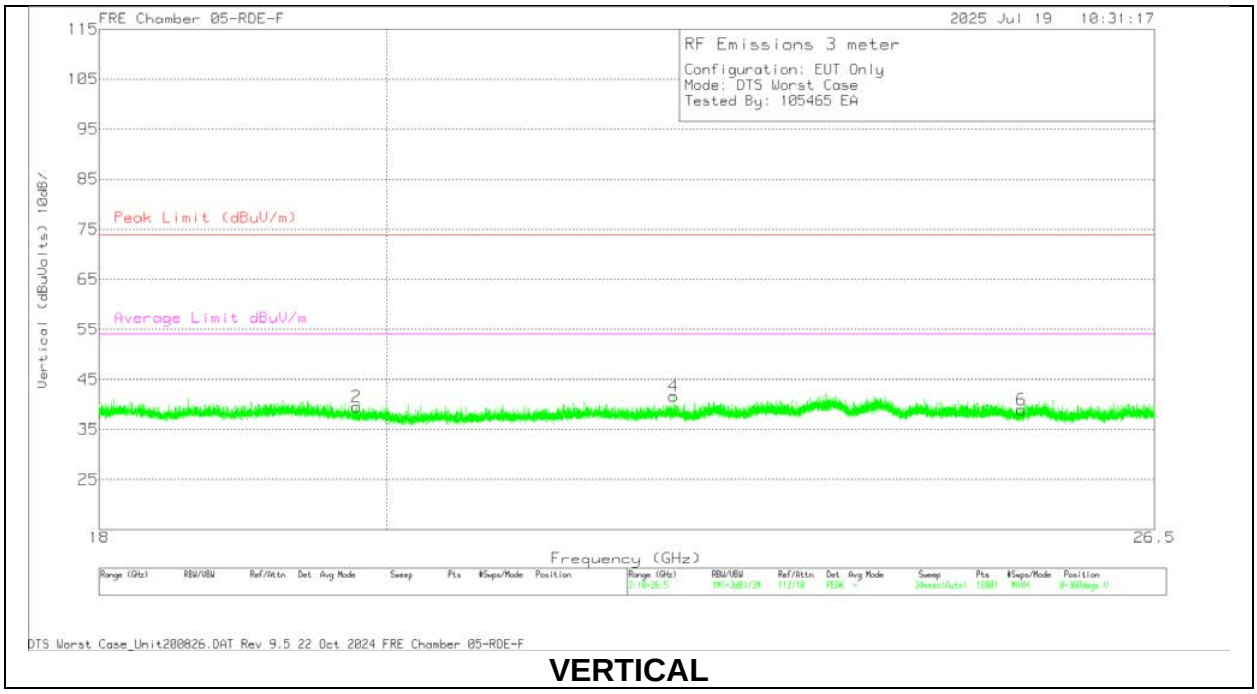
10.3. WORST CASE 18-26 GHz



HORIZONTAL



VERTICAL

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18 – 26GHz DATA

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	81139 ACF (dB/m)	CBL/AMP (dB)	Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
19.773855	56.87	PK2	33	-62.4	13.5	0	40.97	74	-33.03	-	-	351	392	H
19.776923	44.73	MAv1	33	-62.4	13.5	0	28.83	-	-	54	-25.17	351	392	H
22.224933	55.84	PK2	33.6	-62.5	14.4	0	41.34	74	-32.66	-	-	351	200	H
22.228872	43.73	MAv1	33.6	-62.5	14.4	0	29.23	-	-	54	-24.77	351	200	H
25.235521	53.89	PK2	34.3	-62.8	15.3	0	40.69	74	-33.31	-	-	84	203	H
25.233857	42.24	MAv1	34.3	-62.8	15.3	0	29.04	-	-	54	-24.96	84	203	H
19.784801	57.22	PK2	33	-62.4	13.5	0	41.32	74	-32.68	-	-	240	116	V
19.784658	44.65	MAv1	33	-62.4	13.5	0	28.75	-	-	54	-25.25	240	116	V
22.217428	55.4	PK2	33.6	-62.5	14.4	0	40.9	74	-33.1	-	-	80	154	V
22.218279	43.71	MAv1	33.6	-62.5	14.4	0	29.21	-	-	54	-24.79	80	154	V
25.245045	54.37	PK2	34.3	-62.8	15.4	0	41.27	74	-32.73	-	-	202	123	V
25.245433	42.24	MAv1	34.3	-62.8	15.4	0	29.14	-	-	54	-24.86	202	123	V

PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

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11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	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

UL Verification Inc.
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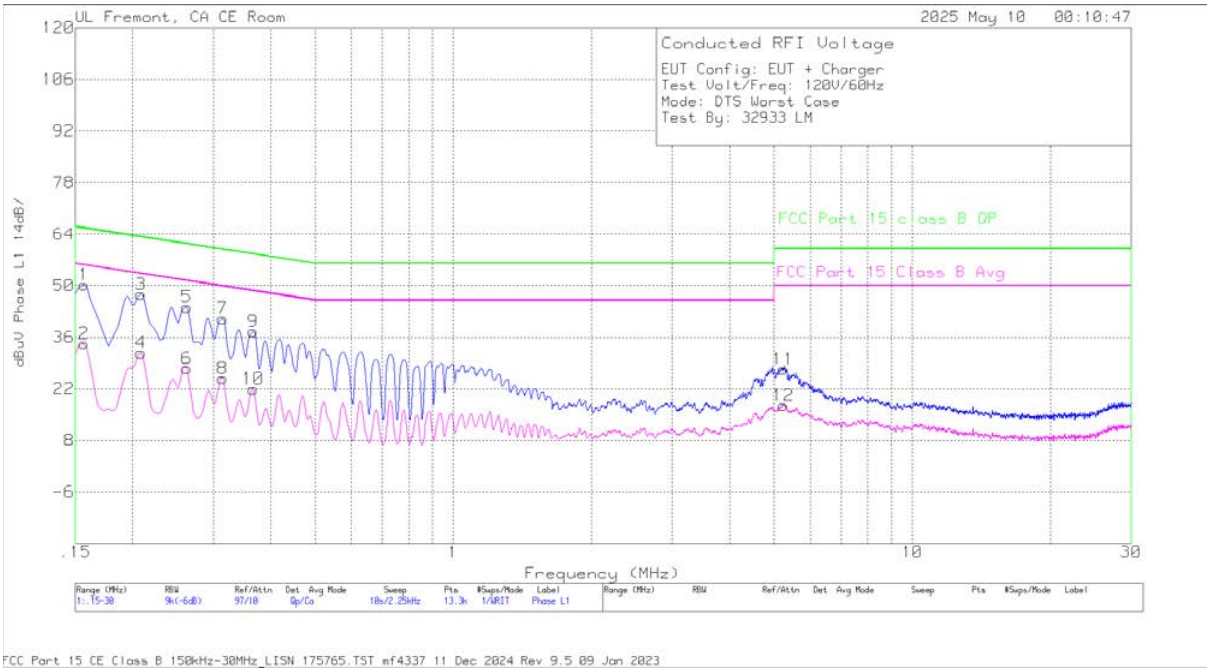
11.1. AC POWER LINE WITH AC/DC ADAPTER

LINE 1 RESULTS

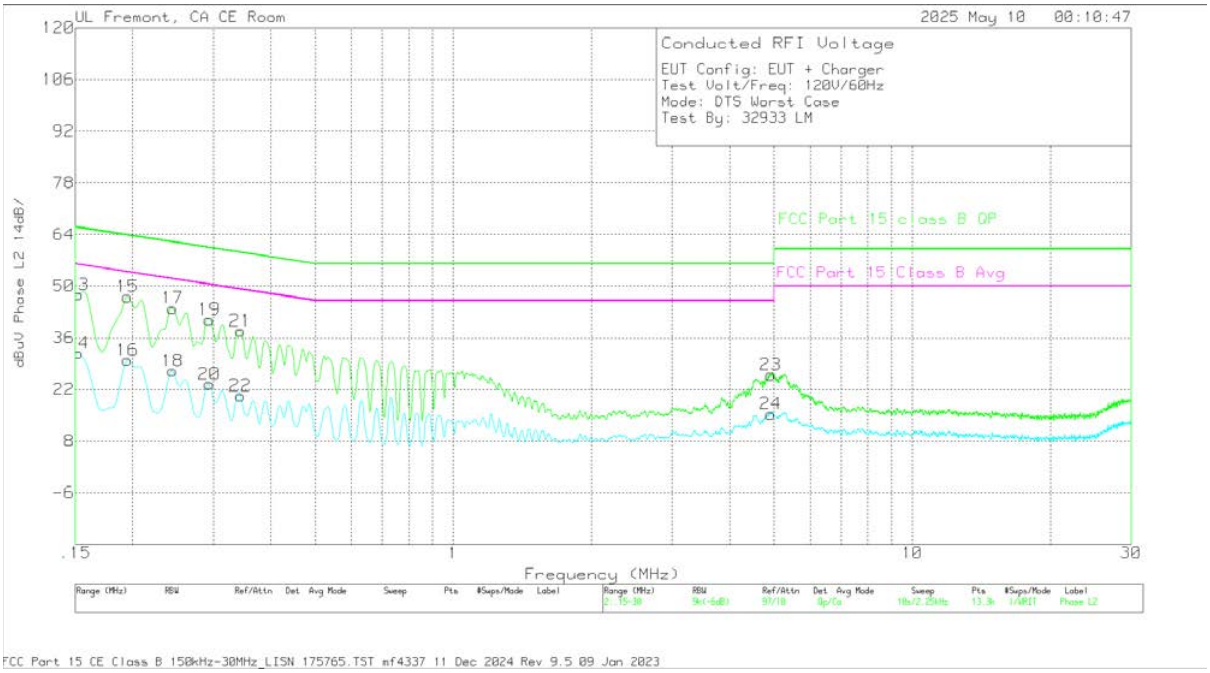


Trace Markers

Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15C Avg (dBuV)	Avg Margin (dB)	FCC Part 15C QP (dBuV)	QP Margin (dB)
2	.1568	15.24	Ca	.4	.1	8.5	10	34.24	55.63	-21.39	-	-
4	.2085	13.25	Ca	.1	0	8.4	10	31.75	53.26	-21.51	-	-
6	.2625	9.42	Ca	-.1	0	8.2	10	27.52	51.35	-23.83	-	-
8	.3143	6.83	Ca	-.1	0	8.1	10	24.83	49.86	-25.03	-	-
10	.366	3.95	Ca	-.4	0	8.4	10	21.95	48.59	-26.64	-	-
12	5.2373	-1.05	Ca	.2	0	8.3	10	17.45	50	-32.55	-	-
1	.1568	31.25	Qp	.4	.1	8.5	10	50.25	-	-	65.63	-15.38
3	.2085	29.17	Qp	.1	0	8.4	10	47.67	-	-	63.26	-15.59
5	.2625	26.07	Qp	-.1	0	8.2	10	44.17	-	-	61.35	-17.18
7	.3143	23.11	Qp	-.1	0	8.1	10	41.11	-	-	59.86	-18.75
9	.366	19.57	Qp	-.4	0	8.4	10	37.57	-	-	58.59	-21.02
11	5.2373	8.84	Qp	.2	0	8.3	10	27.34	-	-	60	-32.66

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



Trace Markers

Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15C Avg (dBuV)	Avg Margin (dB)	FCC Part 15C QP (dBuV)	QP Margin (dB)
14	.1523	12.69	Ca	.5	.1	8.5	10	31.79	55.88	-24.09	-	-
16	.195	11.44	Ca	.1	0	8.4	10	29.94	53.82	-23.88	-	-
18	.2445	8.92	Ca	-.1	0	8.2	10	27.02	51.94	-24.92	-	-
20	.294	5.42	Ca	0	0	8	10	23.42	50.41	-26.99	-	-
22	.3435	2.28	Ca	-.3	0	8.3	10	20.28	49.12	-28.84	-	-
24	4.9155	-2.84	Ca	.2	0	8	10	15.36	46	-30.64	-	-
13	.1523	28.57	Qp	.5	.1	8.5	10	47.67	-	-	65.88	-18.21
15	.195	28.61	Qp	.1	0	8.4	10	47.11	-	-	63.82	-16.71
17	.2445	25.9	Qp	-.1	0	8.2	10	44	-	-	61.94	-17.94
19	.294	22.92	Qp	0	0	8	10	40.92	-	-	60.41	-19.49
21	.3435	19.81	Qp	-.3	0	8.3	10	37.81	-	-	59.12	-21.31
23	4.9155	7.74	Qp	.2	0	8	10	25.94	-	-	56	-30.06

Qp - Quasi-Peak detector
Ca - CISPR average detection

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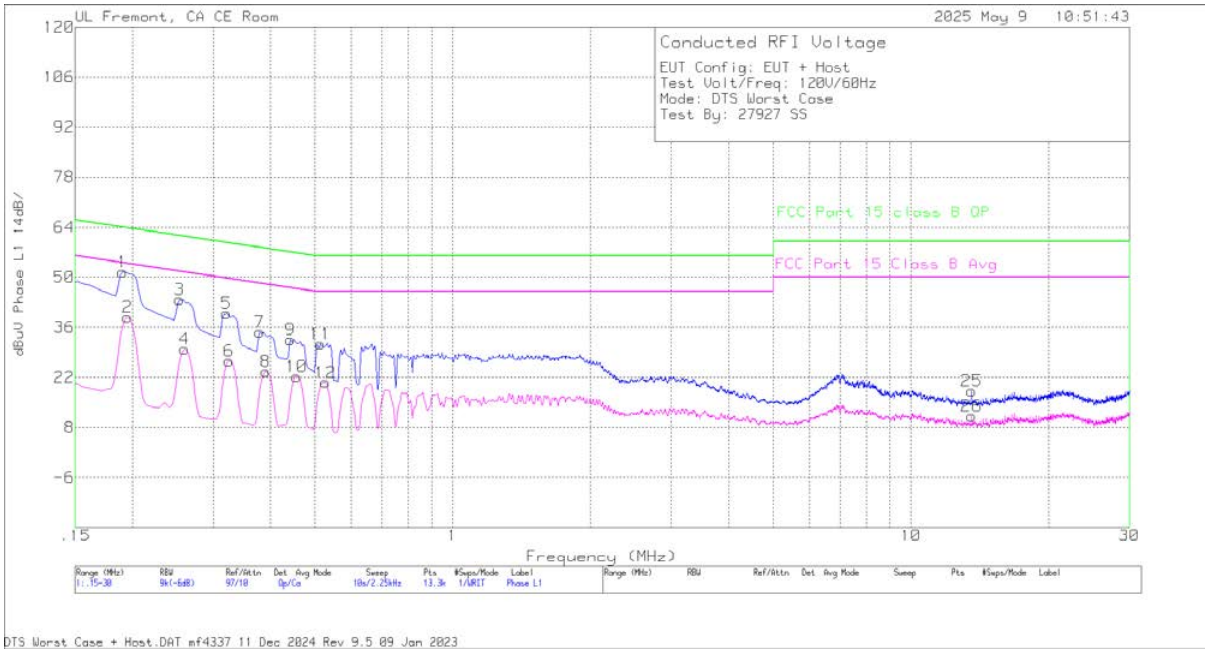
11.2. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS



Trace Markers

Range 1: Phase L1 .15 - 30MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	DCCF (dB)	Corrected Reading (dBuV)	FCC Part 15C Avg (dBuV)	Avg Margin (dB)	FCC Part 15C QP (dBuV)	QP Margin (dB)
2	.195	19.85	Ca	.1	.1	8.4	10	.43	38.88	53.82	-14.94	-	-
4	.2603	11.35	Ca	-.1	0	8.2	10	.43	29.88	51.42	-21.54	-	-
6	.3255	8.19	Ca	-.2	0	8.2	10	.43	26.62	49.57	-22.95	-	-
8	.3908	5.36	Ca	-.5	0	8.3	10	.43	23.59	48.05	-24.46	-	-
10	.456	2.75	Ca	.2	0	8.8	10	.43	22.18	46.77	-24.59	-	-
12	.528	2.63	Ca	-.3	0	7.8	10	.43	20.56	46	-25.44	-	-
26	13.56	-7.69	Ca	.2	.1	8.2	10	.43	11.24	50	-38.76	-	-
1	.1905	32.37	Qp	.2	.1	8.4	10	.43	51.5	-	-	64.01	-12.51
3	.2535	25.26	Qp	-.1	0	8.2	10	.43	43.79	-	-	61.64	-17.85
5	.321	21.46	Qp	-.2	0	8.2	10	.43	39.89	-	-	59.68	-19.79
7	.3795	16.39	Qp	-.5	0	8.3	10	.43	34.62	-	-	58.29	-23.67
9	.4425	13.19	Qp	.1	0	8.8	10	.43	32.52	-	-	57.01	-24.49
11	.5145	13.36	Qp	-.2	0	7.8	10	.43	31.39	-	-	56	-24.61
25	13.56	-.74	Qp	.2	.1	8.2	10	.43	18.19	-	-	60	-41.81

Qp - Quasi-Peak detector
Ca - CISPR average detection

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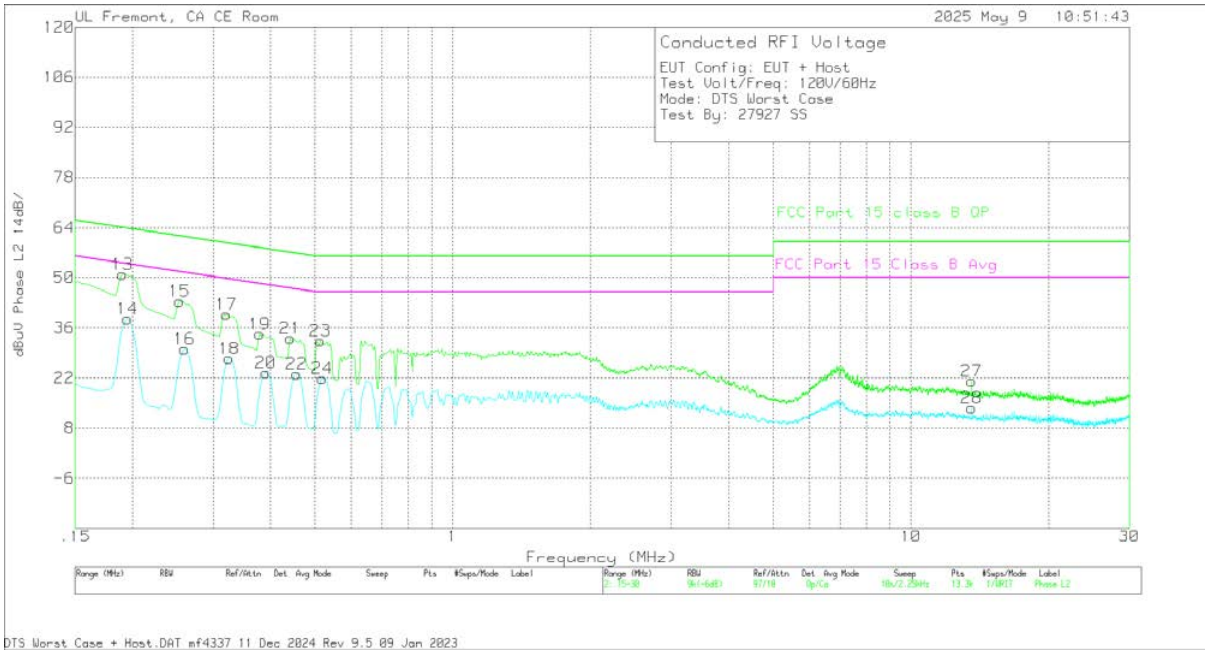
LINE 2 RESULTS



Trace Markers

Range 2: Phase L2 .15 - 30MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	DCCF (dB)	Corrected Reading (dBuV)	FCC Part 15C Avg (dBuV)	Avg Margin (dB)	FCC Part 15C QP (dBuV)	QP Margin (dB)
14	.195	19.58	Ca	.1	0	8.4	10	.43	38.51	53.82	-15.31	-	-
16	.2603	11.51	Ca	-.1	0	8.2	10	.43	30.04	51.42	-21.38	-	-
18	.3255	8.97	Ca	-.2	0	8.2	10	.43	27.4	49.57	-22.17	-	-
20	.3908	5.29	Ca	-.5	0	8.3	10	.43	23.52	48.05	-24.53	-	-
22	.456	3.64	Ca	.2	0	8.8	10	.43	23.07	46.77	-23.7	-	-
24	.519	3.91	Ca	-.3	0	7.8	10	.43	21.84	46	-24.16	-	-
28	13.56	-5.35	Ca	.2	.1	8.2	10	.43	13.58	50	-36.42	-	-
13	.1905	31.91	Qp	.2	0	8.4	10	.43	50.94	-	-	64.01	-13.07
15	.2535	24.97	Qp	-.1	0	8.2	10	.43	43.5	-	-	61.64	-18.14
17	.321	21.34	Qp	-.2	0	8.2	10	.43	39.77	-	-	59.68	-19.91
19	.3795	16	Qp	-.5	0	8.3	10	.43	34.23	-	-	58.29	-24.06
21	.4425	13.73	Qp	.1	0	8.8	10	.43	33.06	-	-	57.01	-23.95
23	.5145	14.38	Qp	-.2	0	7.8	10	.43	32.41	-	-	56	-23.59
27	13.56	2.29	Qp	.2	.1	8.2	10	.43	21.22	-	-	60	-38.78

Qp - Quasi-Peak detector
Ca - CISPR average detection

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12. SPOT CHECK EVALUATION

12.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3258, A3519, A3520 and A3521.

These models have the same PCB layout, design, common components, antennas, antenna locations and housing cases, except for FR2 is removed from variants and disabled/enabled cellular bands via software as shown below.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3258	BCG-E8947A	579C-E8947A	-With FR2 -No B11/21 -No UL MIMO	eSIM	-
A3519	BCG-E8951A	579C-E8951A	-Without FR2 -Added B11/21 -No UL MIMO	eSIM	A3258
A3520	BCG-E8952A	579C-E8952A	-Without FR2 -No B14, B29, B71, B11/21 -No UL MIMO	eSIM+pSIM	
A3521	BCG-E8953A	579C-E8953A	-Without FR2 -No B14, B29, B71, B11/21, B53 -No UL MIMO, MSS	pSIM+pSIM	

The spot check plan allows for data reuse from the reference model where the variant model data meets the limits and has not changed by more than the criteria from KDB 484596 D01 v03 equation (4).

$$d_{dB} = | V_{dB} - R_{dB} | \quad (1)$$

$$d_{dB} \le d_{dBmax} \quad (2)$$

$$d_{dBmax(M_{dB})} = \begin{cases} (3 + M_{dB}/20)\ dB & \text{, for } 0 \le M_{dB} \le 60\ dB \\ 6\ dB & \text{, for } M_{dB} > 60\ dB \end{cases} \quad (4)$$

Where d_{dB} is deviation between the variant and the reference model, V_{dB} is variant spot check level, R_{db} is the corresponding reference measurement level, d_{dBmax} is the maximum deviation d_{dB} allowed, and M_{dB} is the margin in dB.

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12.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3519

A3519 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3258 FCC ID : BCG-E8947A IC : 579C-E8947A	Sub Model: A3519 FCC ID : BCG-E8951A IC : 579C-E8951A	Delta (dB)	Margin (dB)	Remarks
DTS	2.4	11n HT20 2TX	MCS7	Output Power (dBm)	High (Ch 8)	Fundamental	23.47	23.43	-0.04	-6.53	Note 1
		11n HT20 2TX	MCS7	Radiated Bandedge (dBuV/m)	Low	Horizontal Avg Bandedge (ch. 2)	51.40	48.58	-2.82	-2.60	Note 1
		EHT20 26T RU0 2Tx	Worst Case RSE	RSE(dBuV/m)	Low	Horizontal Avg (1.5298)	37.69	40.30	2.61	-16.31	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.
Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

12.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3520

A3520 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3258 FCC ID : BCG-E8947A IC : 579C-E8947A	Sub Model: A3520 FCC ID : BCG-E8952A IC : 579C-E8952A	Delta (dB)	Margin (dB)	Remarks
DTS	2.4	11n HT20 2TX	MCS7	Output Power (dBm)	High (Ch 8)	Fundamental	23.47	23.45	-0.02	-6.53	Note 1
		11n HT20 2TX	MCS7	Radiated Bandedge (dBuV/m)	Low	Horizontal Avg Bandedge (ch. 2)	51.40	49.19	-2.21	-2.60	Note 1
		EHT20 26T RU0 2Tx	Worst Case RSE	RSE (dBuV/m)	Low	Horizontal Avg (1.5298)	37.69	40.19	2.50	-16.31	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

12.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3521

A3521 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3258 FCC ID : BCG-E8947A IC : 579C-E8947A	Sub Model: A3521 FCC ID : BCG-E8953A IC : 579C-E8953A	Delta (dB)	Margin (dB)	Remarks
DTS	2.4	11n HT20 2TX	MCS7	Output Power (dBm)	High (Ch 8)	Fundamental	23.47	23.41	-0.06	-6.53	Note 1
		11n HT20 2TX	MCS7	Radiated Bandedge (dBuV/m)	Low	Horizontal Avg Bandedge (ch. 2)	51.40	49.50	-1.90	-2.60	Note 1
		EHT20 26T RU0 2Tx	Worst Case RSE	RSE (dBuV/m)	Low	Horizontal Avg (1.5298)	37.69	40.31	2.62	-16.31	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.
Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

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47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888

13. SETUP PHOTOS

Please refer to 15496277-EP1V1 for setup photos

END OF TEST REPORT

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47173 Benicia Street, Fremont, CA 94538; USA. TEL:(510) 319-4000 FAX:(510) 661-0888