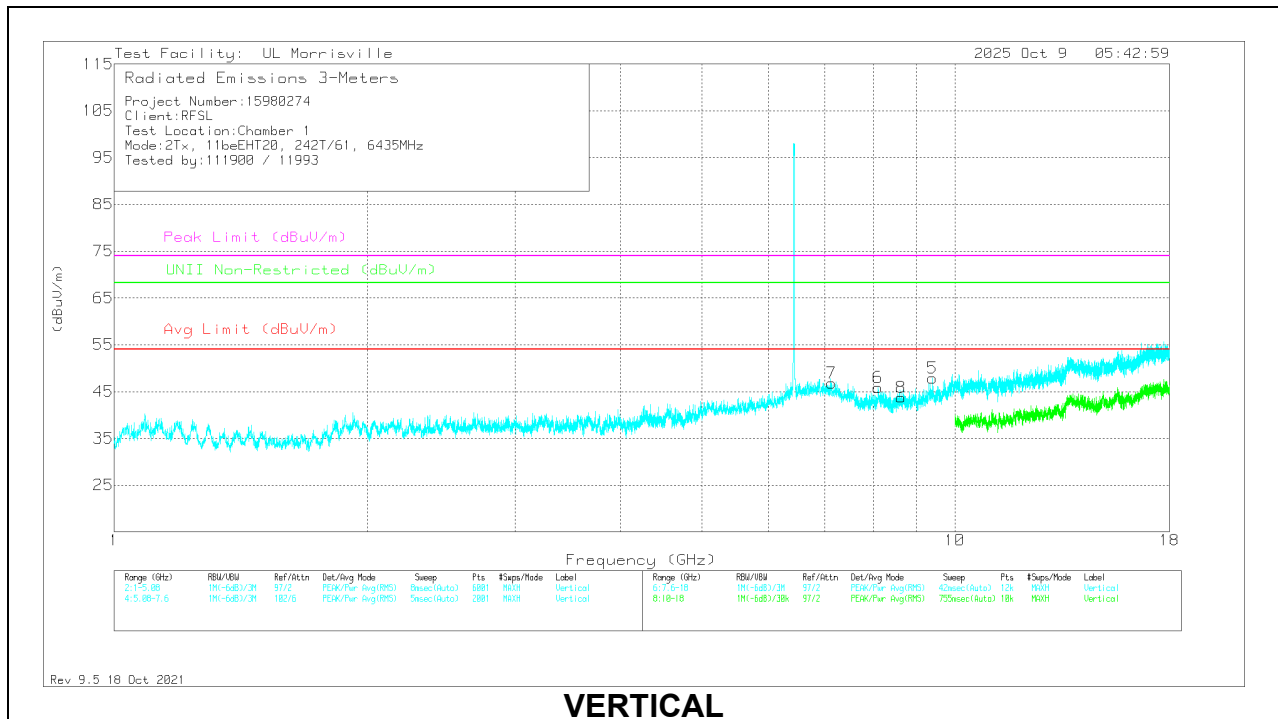
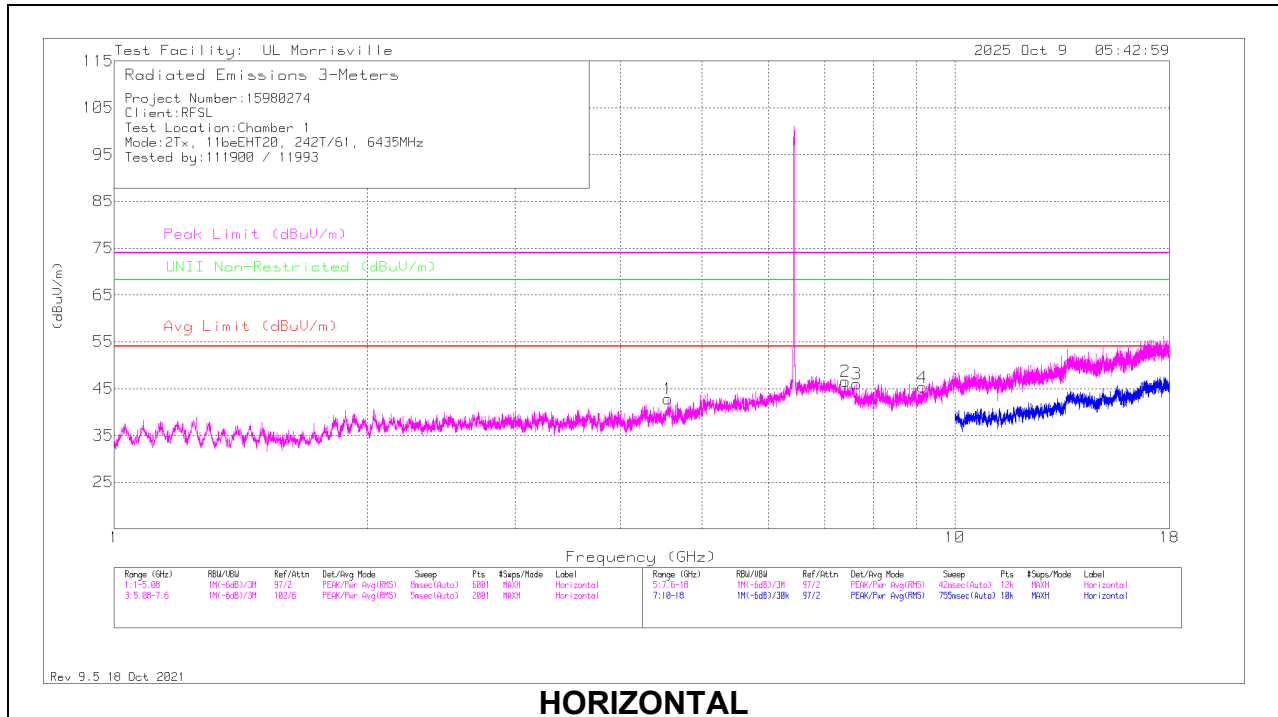


10.1.2. TX ABOVE 1 GHz 2Tx MODE IN THE UNII-6 BAND

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 802.11be EHT20 242T RU61, 6435 MHz)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.55776	54.72	Pk	33.9	-45.8	0	42.82	54	-11.18	74	-31.18	-	-	0-360	200	H
2	*** 7.40722	31.55	Pk	35.4	-20.4	0	46.55	54	-7.45	74	-27.45	-	-	0-360	101	H
3	*** 7.64767	51.48	Pk	35.6	-42.5	1.4	45.98	54	-8.02	74	-28.02	-	-	0-360	101	H
4	*** 9.15133	50.57	Pk	35.9	-41.5	.3	45.27	54	-8.73	74	-28.73	-	-	0-360	200	H
5	*** 9.40353	52.17	Pk	36.3	-41	.4	47.87	54	-6.13	74	-26.13	-	-	0-360	101	V
6	*** 8.10353	50.67	Pk	35.9	-41.6	.9	45.87	54	-8.13	74	-28.13	-	-	0-360	200	V
7	7.13632	31.39	Pk	35.4	-20	0	46.79	-	-	-	-	68.2	-21.41	0-360	200	V
8	8.627	49.89	Pk	35.7	-42.2	.4	43.79	-	-	-	-	68.2	-24.41	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

Mode	Fund Freq. [MHz]	Meas Freq. (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT20 242T	6435	*** 4.55776	54.72	Pk	33.9	-45.8	0	0	42.82	54	-11.18	74	-31.18	-	-	0-360	200	H
		*** 7.40722	31.55	Pk	35.4	-20.4	0	0	46.55	54	-7.45	74	-27.45	-	-	0-360	101	H
		*** 7.64767	51.48	Pk	35.6	-42.5	1.4	0	45.98	54	-8.02	74	-28.02	-	-	0-360	101	H
		*** 9.15133	50.57	Pk	35.9	-41.5	.3	0	45.27	54	-8.73	74	-28.73	-	-	0-360	200	H
		*** 9.40353	52.17	Pk	36.3	-41	.4	0	47.87	54	-6.13	74	-26.13	-	-	0-360	101	V
		*** 8.10353	50.67	Pk	35.9	-41.6	.9	0	45.87	54	-8.13	74	-28.13	-	-	0-360	200	V
		7.13632	31.39	Pk	35.4	-20	0	0	46.79	-	-	-	-	68.2	-21.41	0-360	200	V
		8.627	49.89	Pk	35.7	-42.2	.4	0	43.79	-	-	-	-	68.2	-24.41	0-360	101	V
		*** 4.55028	56.24	Pk	33.9	-46.2	0	0	43.94	54	-10.06	74	-30.06	-	-	0-360	199	H
		*** 7.39966	31.32	Pk	35.4	-20.5	0	0	46.22	54	-7.78	74	-27.78	-	-	0-360	199	H
		*** 8.29507	51.06	Pk	35.9	-42.7	.6	0	44.86	54	-9.14	74	-29.14	-	-	0-360	200	H
		*** 9.4564	52.55	Pk	36.4	-42.6	.4	0	46.75	54	-7.25	74	-27.25	-	-	0-360	200	H
	6475	*** 9.3082	50.18	Pk	36.1	-40.5	.5	0	46.28	54	-7.72	74	-27.72	-	-	0-360	200	V
		*** 8.11133	50.6	Pk	35.9	-42	.9	0	45.4	54	-8.6	74	-28.6	-	-	0-360	200	V
		*** 9.05513	50.63	Pk	35.8	-42.1	.6	0	44.93	54	-9.07	74	-29.07	-	-	0-360	200	V
		7.93453	51.52	Pk	35.8	-43	.8	0	45.12	-	-	-	-	68.2	-23.08	0-360	101	V
		8.71367	49.88	Pk	35.7	-41.9	.5	0	44.18	-	-	-	-	68.2	-24.02	0-360	101	V
		8.92427	50.94	Pk	35.8	-41.6	.6	0	45.74	-	-	-	-	68.2	-22.46	0-360	200	H
		9.85593	51.32	Pk	37.3	-40.5	.7	0	48.82	-	-	-	-	68.2	-19.38	0-360	101	V
		*** 4.71144	54.05	Pk	33.8	-46.2	0	0	41.65	54	-12.35	74	-32.35	-	-	0-360	101	H
		*** 7.29886	31.8	Pk	35.4	-20.3	0	0	46.9	54	-7.1	74	-27.1	-	-	0-360	101	H
		*** 8.18327	51.75	Pk	35.9	-42.4	.7	0	45.95	54	-8.05	74	-28.05	-	-	0-360	101	H
		*** 9.4044	51.6	Pk	36.3	-40.9	.4	0	47.4	54	-6.6	74	-26.6	-	-	0-360	101	V
		*** 9.11667	51.2	Pk	35.9	-42	.4	0	45.5	54	-8.5	74	-28.5	-	-	0-360	200	V
	6515	*** 8.37827	50.39	Pk	35.8	-41.9	.5	0	44.79	54	-9.21	74	-29.21	-	-	0-360	101	V
		6.98764	31.26	Pk	35.4	-19.9	0	0	46.76	-	-	-	-	68.2	-21.44	0-360	200	V
		8.6894	51.11	Pk	35.7	-41.7	.6	0	45.71	-	-	-	-	68.2	-22.49	0-360	199	H
		9.84033	51.67	Pk	37.3	-41.9	.8	0	47.87	-	-	-	-	68.2	-20.33	0-360	199	H
		9.94433	51.42	Pk	37.5	-41.2	.8	0	48.52	-	-	-	-	68.2	-19.68	0-360	200	V
802.11be EHT20 106T RU53	6435	*** 4.009	41.2	Pk	33.4	-33	0	0	41.6	54	-12.4	74	-32.4	-	-	0-360	100	H
		*** 4.00832	38.76	Pk	33.4	-33.1	0	0	39.06	54	-14.94	74	-34.94	-	-	0-360	200	V
		*** 10.97567	34.23	Pk	37.7	-24.5	.4	0	47.83	54	-6.17	74	-26.17	-	-	0-360	100	H
		*** 10.9748	33.83	Pk	37.7	-24.6	.4	0	47.33	54	-6.67	74	-26.67	-	-	0-360	200	V
		8.9338	35.05	Pk	36	-26.1	.7	0	45.65	-	-	-	-	68.2	-22.55	0-360	200	V
		8.93727	34.14	Pk	36	-26.3	.7	0	44.54	-	-	-	-	68.2	-23.66	0-360	100	H
	6475	*** 3.5398	40.56	Pk	32.7	-34	0	0	39.26	54	-14.74	74	-34.74	-	-	0-360	100	H
		*** 3.54116	42.18	Pk	32.7	-34.1	0	0	40.78	54	-13.22	74	-33.22	-	-	0-360	200	V
		*** 8.4632	34.66	Pk	35.8	-26.8	.5	0	44.16	54	-9.84	74	-29.84	-	-	0-360	100	H
		*** 8.46407	35.49	Pk	35.8	-26.8	.5	0	44.99	54	-9.01	74	-29.01	-	-	0-360	200	V
		9.85593	34.91	Pk	36.8	-24.5	.7	0	47.91	-	-	-	-	68.2	-20.29	0-360	100	H
		9.85767	36.16	Pk	36.8	-24.6	.6	0	48.96	-	-	-	-	68.2	-19.24	0-360	200	V
802.11be EHT20 106T RU54	6515	*** 3.71456	40.41	Pk	33.2	-34.2	0	0	39.41	54	-14.59	74	-34.59	-	-	0-360	100	H
		*** 3.71456	41.52	Pk	33.2	-34.2	0	0	40.52	54	-13.48	74	-33.48	-	-	0-360	200	V
		*** 8.47533	33.97	Pk	35.7	-26.9	.5	0	43.27	54	-10.73	74	-30.73	-	-	0-360	100	H
		*** 8.47533	34.57	Pk	35.7	-26.9	.5	0	43.87	54	-10.13	74	-30.13	-	-	0-360	200	V
		9.85853	35.05	Pk	36.8	-24.7	.6	0	47.75	-	-	-	-	68.2	-20.45	0-360	200	V
		9.86287	36.38	Pk	36.9	-25.1	.6	0	48.78	-	-	-	-	68.2	-19.42	0-360	100	H

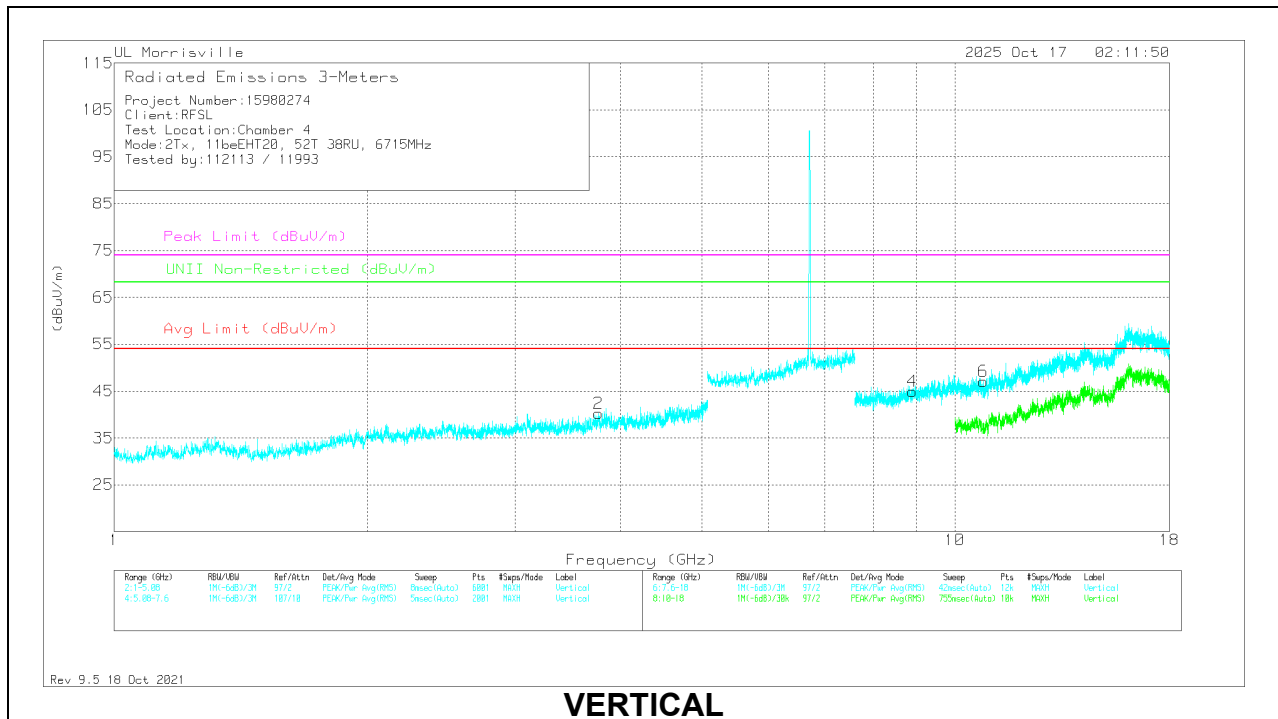
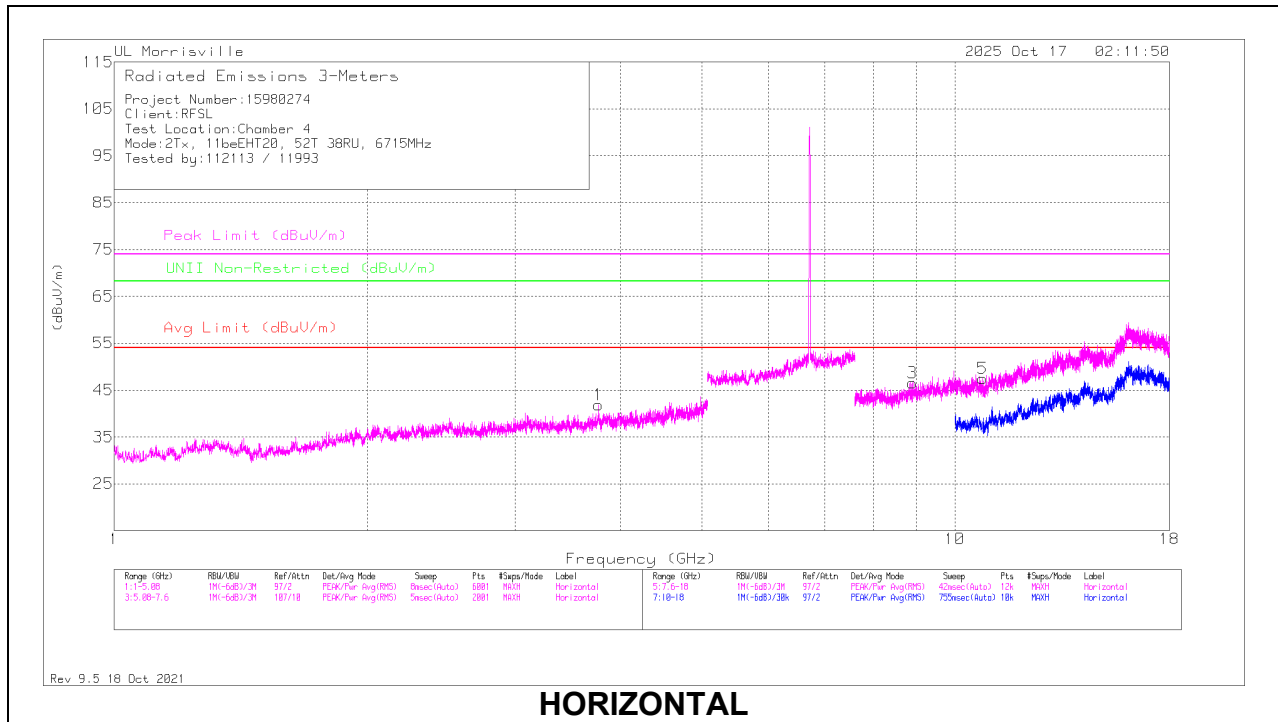
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.1.3. TX ABOVE 1 GHz 2Tx MODE IN THE UNII-7 BAND

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 802.11be EHT20 52T RU38, 6715 MHz)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 3.7676	42.11	Pk	33.2	-33.4	0	41.91	54	-12.09	74	-32.09	-	-	0-360	100	H
2	* ** 3.76692	40.41	Pk	33.2	-33.4	0	40.21	54	-13.79	74	-33.79	-	-	0-360	200	V
5	* ** 10.79973	35.37	Pk	37.6	-25.8	.3	47.47	54	-6.53	74	-26.53	-	-	0-360	100	H
6	* ** 10.80493	34.83	Pk	37.6	-25.6	.3	47.13	54	-6.87	74	-26.87	-	-	0-360	200	V
4	8.90433	34.28	Pk	36	-25.8	.5	44.98	-	-	-	-	68.2	-23.22	0-360	200	V
3	8.90607	35.68	Pk	36	-25.6	.5	46.58	-	-	-	-	68.2	-21.62	0-360	100	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

Mode	Fund Freq. [MHz]	Meas Freq. (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT20 242T	6535	*** 4.54824	55.7	Pk	33.9	-46.4	0	0	43.2	54	-10.8	74	-30.8	-	-	0-360	200	H
		*** 5.4076	35.46	Pk	34.3	-23.7	0	0	46.06	54	-7.94	74	-27.94	-	-	0-360	200	V
		*** 8.14253	51.45	Pk	35.9	-42.3	.7	0	45.75	54	-8.25	74	-28.25	-	-	0-360	199	H
		*** 9.4018	50.55	Pk	36.3	-41.1	.4	0	46.15	54	-7.85	74	-27.85	-	-	0-360	101	H
		*** 8.11393	51.42	Pk	35.9	-42.1	.8	0	46.02	54	-7.98	74	-27.98	-	-	0-360	101	V
		*** 9.40353	50.74	Pk	36.3	-41	.4	0	46.44	54	-7.56	74	-27.56	-	-	0-360	101	V
		6.89188	34.9	Pk	35.5	-18.9	0	0	51.5	-	-	-	-	68.2	-16.7	0-360	101	H
		7.0582	36.45	Pk	35.4	-20.2	0	0	51.65	-	-	-	-	68.2	-16.55	0-360	101	V
		9.9348	51.21	Pk	37.5	-40.7	.8	0	48.81	-	-	-	-	68.2	-19.39	0-360	199	H
		9.94433	52.51	Pk	37.5	-41.2	.8	0	49.61	-	-	-	-	68.2	-18.59	0-360	200	V
	6715	*** 4.66928	55.27	Pk	33.8	-46	0	0	43.07	54	-10.93	74	-30.93	-	-	0-360	200	H
		*** 8.107	50.57	Pk	35.9	-41.8	.9	0	45.57	54	-8.43	74	-28.43	-	-	0-360	101	H
		*** 9.0976	50.81	Pk	35.9	-42.7	.5	0	44.51	54	-9.49	74	-29.49	-	-	0-360	101	H
		*** 9.3446	50.81	Pk	36.2	-41.1	.3	0	46.21	54	-7.79	74	-27.79	-	-	0-360	101	H
		*** 8.2214	50.79	Pk	35.9	-41.9	.6	0	45.39	54	-8.61	74	-28.61	-	-	0-360	200	V
		*** 9.1522	50.44	Pk	35.9	-41.6	.3	0	45.04	54	-8.96	74	-28.96	-	-	0-360	200	V
		*** 9.37407	50.96	Pk	36.2	-41.5	.3	0	45.96	54	-8.04	74	-28.04	-	-	0-360	200	V
	6855	*** 4.56864	54.18	Pk	33.9	-45.7	0	0	42.38	54	-11.62	74	-31.62	-	-	0-360	200	H
		*** 9.17993	51	Pk	36	-41.7	.4	0	45.7	54	-8.3	74	-28.3	-	-	0-360	199	H
		*** 9.3446	51.12	Pk	36.2	-41.1	.3	0	46.52	54	-7.48	74	-27.48	-	-	0-360	101	H
		*** 8.0992	51.65	Pk	35.9	-42.1	.8	0	46.25	54	-7.75	74	-27.75	-	-	0-360	101	V
		*** 9.08113	51.54	Pk	35.8	-43.1	.6	0	44.84	54	-9.16	74	-29.16	-	-	0-360	101	V
		*** 9.30993	50.46	Pk	36.1	-40.4	.5	0	46.66	54	-7.34	74	-27.34	-	-	0-360	101	V
		13.71954	48.58	Pk	39	-37.6	.3	0	50.28	-	-	-	-	68.2	-17.92	0-360	101	H
		13.7204	50.51	Pk	39	-37.6	.3	0	52.21	-	-	-	-	68.2	-15.99	0-360	101	V
802.11be EHT20 52T RU37	6535	*** 2.8598	41.08	Pk	32.3	-35.6	0	0	37.78	54	-16.22	74	-36.22	-	-	0-360	100	H
		*** 2.8598	40.75	Pk	32.3	-35.6	0	0	37.45	54	-16.55	74	-36.55	-	-	0-360	200	V
		8.83153	35.22	Pk	36	-24.9	.7	0	47.02	-	-	-	-	68.2	-21.18	0-360	200	V
		8.83327	34.71	Pk	36	-25.2	.7	0	46.21	-	-	-	-	68.2	-21.99	0-360	100	H
		10.15147	35.18	Pk	37.3	-25.2	.3	0	47.58	-	-	-	-	68.2	-20.62	0-360	200	V
		10.15493	35.13	Pk	37.3	-25.4	.3	0	47.33	-	-	-	-	68.2	-20.87	0-360	100	H
802.11be EHT20 52T RU38	6715	*** 3.7676	42.11	Pk	33.2	-33.4	0	0	41.91	54	-12.09	74	-32.09	-	-	0-360	100	H
		*** 3.76692	40.41	Pk	33.2	-33.4	0	0	40.21	54	-13.79	74	-33.79	-	-	0-360	200	V
		*** 10.79973	35.37	Pk	37.6	-25.8	.3	0	47.47	54	-6.53	74	-26.53	-	-	0-360	100	H
		*** 10.80493	34.83	Pk	37.6	-25.6	.3	0	47.13	54	-6.87	74	-26.87	-	-	0-360	200	V
		8.90433	34.28	Pk	36	-25.8	.5	0	44.98	-	-	-	-	68.2	-23.22	0-360	200	V
		8.90607	35.68	Pk	36	-25.6	.5	0	46.58	-	-	-	-	68.2	-21.62	0-360	100	H
802.11be EHT20 52T RU40	6855	*** 3.76488	39.57	Pk	33.2	-33.4	0	0	39.37	54	-14.63	74	-34.63	-	-	0-360	100	H
		*** 3.7676	40.94	Pk	33.2	-33.4	0	0	40.74	54	-13.26	74	-33.26	-	-	0-360	200	V
		*** 8.2162	35.57	Pk	35.7	-27.5	.7	0	44.47	54	-9.53	74	-29.53	-	-	0-360	100	H
		*** 8.21793	35.62	Pk	35.7	-27.4	.7	0	44.62	54	-9.38	74	-29.38	-	-	0-360	200	V
		10.252	35.26	Pk	37.3	-26.1	.4	0	46.86	-	-	-	-	68.2	-21.34	0-360	100	H
		10.25287	35.64	Pk	37.3	-26.1	.4	0	47.24	-	-	-	-	68.2	-20.96	0-360	200	V

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

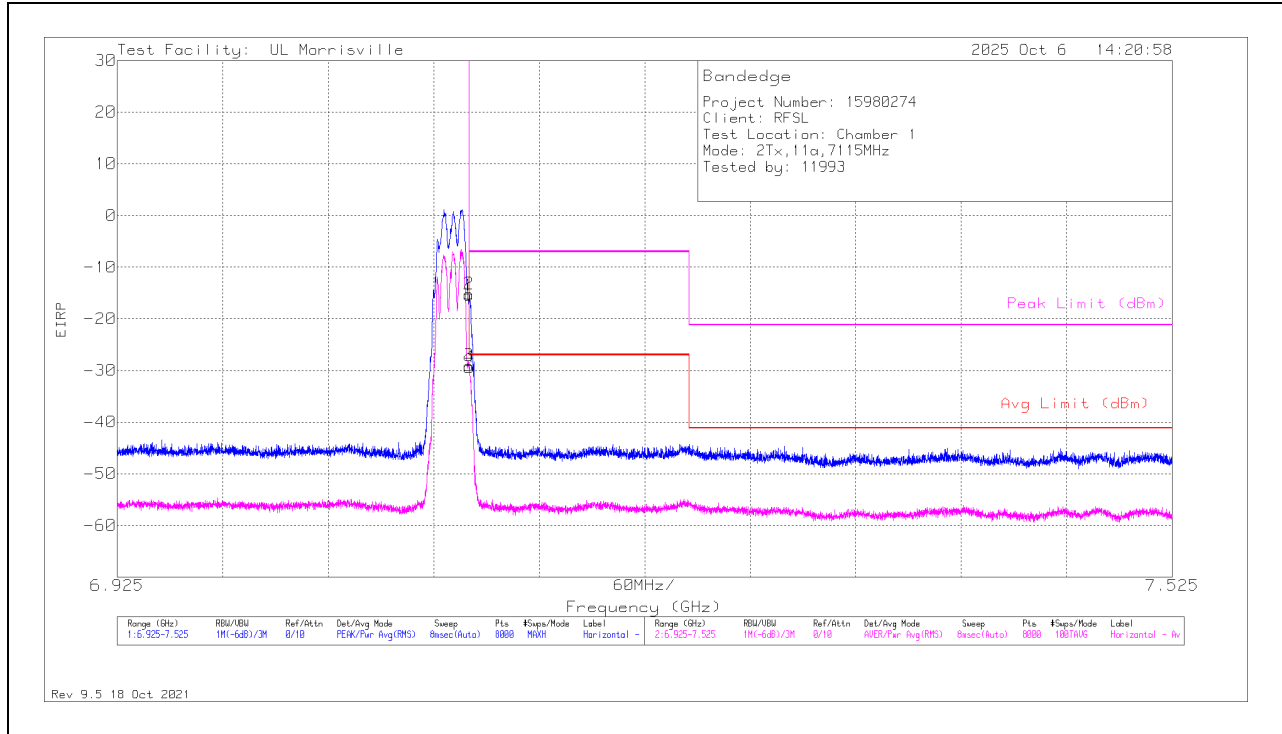
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.1.4. TX ABOVE 1 GHz 2Tx MODE IN THE UNII-8 BAND

BANDEDGE (WORST CASE: 802.11a, 7115 MHz)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	135143 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.12505	-43.25	Pk	35.4	-19.4	11.8	0	-15.45	-	-	-7	-8.45	20	115	H
3	7.12505	-57.16	RMS	35.4	-19.4	11.8	.3	-29.06	-27	-2.06	-	-	20	115	H
2	7.12512	-42.96	Pk	35.4	-19.4	11.8	0	-15.16	-	-	-7	-8.16	20	115	H
4	7.12527	-57.48	RMS	35.4	-19.4	11.8	.3	-29.38	-27	-2.38	-	-	20	115	H

Pk - Peak detector

RMS - RMS detection

BANDEDGE TEST DATA

Mode	Funda Freq. [MHz]	Meas Freq. (GHz)	Meter Reading (dBm)	Det	135143 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	7095	*** 7.31362	-71.06	Pk	35.4	-20.5	11.8	0	-44.36	-	-	-	-	120	114	H
		*** 7.25084	-82.98	RMS	35.4	-19.6	11.8	.3	-55.08	-41.2	-13.88	-	-	120	114	H
		7.12505	-72.06	Pk	35.4	-19.4	11.8	0	-44.26	-	-	-7	-37.26	120	114	H
		7.12505	-83.57	RMS	35.4	-19.4	11.8	.3	-55.47	-27	-28.47	-	-	120	114	H
		*** 7.46649	-71.5	Pk	35.5	-20.5	11.8	0	-44.7	-	-	-	-	219	105	V
		*** 7.25331	-83.03	RMS	35.4	-19.9	11.8	.3	-55.43	-41.2	-14.23	-	-	219	105	V
		7.12505	-72.55	Pk	35.4	-19.4	11.8	0	-44.75	-	-	-7	-37.75	219	105	V
	7115	7.12505	-83.2	RMS	35.4	-19.4	11.8	.3	-55.1	-27	-28.1	-	-	219	105	V
		7.12505	-43.25	Pk	35.4	-19.4	11.8	0	-15.45	-	-	-7	-8.45	20	115	H
		7.12505	-57.16	RMS	35.4	-19.4	11.8	.3	-29.06	-27	-2.06	-	-	20	115	H
		7.12512	-42.96	Pk	35.4	-19.4	11.8	0	-15.16	-	-	-7	-8.16	20	115	H
		7.12527	-57.48	RMS	35.4	-19.4	11.8	.3	-29.38	-27	-2.38	-	-	20	115	H
		7.12505	-43.83	Pk	35.4	-19.4	11.8	0	-16.03	-	-	-7	-9.03	225	130	V
		7.12505	-60.11	RMS	35.4	-19.4	11.8	.3	-32.01	-27	-5.01	-	-	225	130	V
802.11be EHT20 242T	7095	*** 7.38826	-71.3	Pk	35.4	-20.6	11.8	0	-44.7	-	-	-	-	125	124	H
		*** 7.25406	-82.76	RMS	35.4	-20	11.8	.12	-55.44	-41.2	-14.24	-	-	125	124	H
		7.12505	-72.98	Pk	35.4	-19.4	11.8	0	-45.18	-	-	-7	-38.18	125	124	H
		7.12505	-83.6	RMS	35.4	-19.4	11.8	.12	-55.68	-27	-28.68	-	-	125	124	H
		*** 7.25369	-72.27	Pk	35.4	-20	11.8	0	-45.07	-	-	-	-	222	118	V
		*** 7.25234	-82.8	RMS	35.4	-19.8	11.8	.12	-55.28	-41.2	-14.08	-	-	222	118	V
		7.12505	-73.87	Pk	35.4	-19.4	11.8	0	-46.07	-	-	-7	-39.07	222	118	V
	7115	7.12505	-83.89	RMS	35.4	-19.4	11.8	.12	-55.97	-27	-28.97	-	-	222	118	V
		7.12505	-39.1	Pk	35.4	-19.4	11.8	0	-11.3	-	-	-7	-4.3	20	115	H
		7.12505	-69.86	RMS	35.4	-19.4	11.8	.12	-41.94	-27	-14.94	-	-	20	115	H
		7.12535	-41.9	Pk	35.4	-19.4	11.8	0	-14.1	-	-	-7	-7.1	20	115	H
		7.12565	-64.91	RMS	35.4	-19.5	11.8	.12	-37.09	-27	-10.09	-	-	20	115	H
		*** 7.25129	-71.51	Pk	35.4	-19.7	11.8	0	-44.01	-	-	-21.2	-22.81	227	130	V
		7.12505	-37.76	Pk	35.4	-19.4	11.8	0	-9.96	-	-	-7	-2.96	227	130	V
802.11be EHT40 484T	7085	7.12505	-68.79	RMS	35.4	-19.4	11.8	.12	-40.87	-27	-13.87	-	-	227	130	V
		7.12572	-63.73	RMS	35.4	-19.5	11.8	.12	-35.91	-27	-8.91	-	-	227	130	V
		*** 7.25181	-71.56	Pk	35.4	-19.7	11.8	0	-44.06	-	-	-	-	24	113	H
		*** 7.25204	-83.09	RMS	35.4	-19.7	11.8	.19	-55.4	-41.2	-14.2	-	-	24	113	H
		7.12505	-71	Pk	35.4	-19.4	11.8	0	-43.2	-	-	-7	-36.2	24	113	H
		7.12505	-82.2	RMS	35.4	-19.4	11.8	.19	-54.21	-27	-27.21	-	-	24	113	H
		*** 7.25571	-71.07	Pk	35.4	-20.2	11.8	0	-44.07	-	-	-	-	226	121	V
	7125	*** 7.25016	-83.24	RMS	35.4	-19.5	11.8	.19	-55.35	-41.2	-14.15	-	-	226	121	V
		7.12505	-70.44	Pk	35.4	-19.4	11.8	0	-42.64	-	-	-7	-35.64	226	121	V
		7.12505	-81.27	RMS	35.4	-19.4	11.8	.19	-53.28	-27	-26.28	-	-	226	121	V
802.11be EHT80 996T	7025	*** 7.25316	-71.54	Pk	35.4	-19.9	11.8	0	-44.24	-	-	-	-	24	114	H
		*** 7.25091	-83.05	RMS	35.4	-19.6	11.8	.14	-55.31	-41.2	-14.11	-	-	24	114	H
		7.12505	-73.19	Pk	35.4	-19.4	11.8	0	-45.39	-	-	-7	-38.39	24	114	H
		7.12505	-84.09	RMS	35.4	-19.4	11.8	.14	-56.15	-27	-29.15	-	-	24	114	H
		*** 7.25211	-72.2	Pk	35.4	-19.8	11.8	0	-44.8	-	-	-	-	242	117	V
		*** 7.25091	-83.3	RMS	35.4	-19.6	11.8	.14	-55.56	-41.2	-14.36	-	-	242	117	V
		7.12505	-72.06	Pk	35.4	-19.4	11.8	0	-44.26	-	-	-7	-37.26	242	117	V
		7.12505	-83.31	RMS	35.4	-19.4	11.8	.14	-55.37	-27	-28.37	-	-	242	117	V
802.11be EHT160 2x996T	6985	*** 7.25009	-71.92	Pk	35.4	-19.5	11.8	0	-44.22	-	-	-	-	119	104	H
		*** 7.25106	-83.2	RMS	35.4	-19.6	11.8	.19	-55.41	-41.2	-14.21	-	-	119	104	H
		7.12505	-71.9	Pk	35.4	-19.4	11.8	0	-44.1	-	-	-7	-37.1	119	104	H
		7.12505	-83.08	RMS	35.4	-19.4	11.8	.19	-55.09	-27	-28.09	-	-	119	104	H
		*** 7.25166	-72	Pk	35.4	-19.7	11.8	0	-44.5	-	-	-	-	240	118	V
		*** 7.25054	-82.95	RMS	35.4	-19.6	11.8	.19	-55.16	-41.2	-13.96	-	-	240	118	V
		7.12505	-72.33	Pk	35.4	-19.4	11.8	0	-44.53	-	-	-7	-37.53	240	118	V
		7.12505	-83.96	RMS	35.4	-19.4	11.8	.19	-55.97	-27	-28.97	-	-	240	118	V
802.11be EHT320 SU	6905	*** 7.25095	-71.02	Pk	35.4	-19.6	11.8	0	-43.42	-	-	-21.2	-22.22	115	139	H
		*** 7.2508	-82.07	RMS	35.4	-19.6	11.8	0	-54.47	-41.2	-13.27	-	-	115	139	H
		7.12503	-70.97	Pk	35.4	-19.4	11.8	0	-43.17	-	-	-7	-36.17	115	139	H
		7.12503	-81.77	RMS	35.4	-19.4	11.8	0	-53.97	-27	-26.97	-	-	115	139	H
		*** 7.25025	-69.11	Pk	35.4	-19.5	11.8	0	-41.41	-	-	-21.2	-20.21	229	124	V
		*** 7.25002	-80.59	RMS	35.4	-19.5	11.8	0	-52.89	-41.2	-11.69	-	-	229	124	V
		7.12503	-69.28	Pk	35.4	-19.4	11.8	0	-41.48	-	-	-7	-34.48	229	124	V
		7.12503	-80.38	RMS	35.4	-19.4	11.8	0	-52.58	-27	-25.58	-	-	229	124	V

Mode	Fund Freq. [MHz]	Meas Freq. (GHz)	Meter Reading (dBm)	Det	135143 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT20 52T RU40 (WC RU)	7095	* ** 7.31212	-71.55	Pk	35.4	-20.4	11.8	0	-44.75	-	-	-	-	122	111	H
		* ** 7.25016	-83.59	RMS	35.4	-19.5	11.8	0	-55.89	-41.2	-14.69	-	-	122	111	H
		7.12505	-72.79	Pk	35.4	-19.4	11.8	0	-44.99	-	-	-7	-37.99	122	111	H
		7.12505	-83.33	RMS	35.4	-19.4	11.8	0	-55.53	-27	-28.53	-	-	122	111	H
		* ** 7.25031	-71.79	Pk	35.4	-19.5	11.8	0	-44.09	-	-	-	-	222	118	V
		* ** 7.25031	-83.25	RMS	35.4	-19.5	11.8	0	-55.55	-41.2	-14.35	-	-	222	118	V
		7.12505	-72.62	Pk	35.4	-19.4	11.8	0	-44.82	-	-	-7	-37.82	222	118	V
	7115	7.12505	-83.04	RMS	35.4	-19.4	11.8	0	-55.24	-27	-28.24	-	-	222	118	V
		7.12505	-38	Pk	35.4	-19.4	11.8	0	-10.2	-	-	-7	-3.2	117	104	H
		7.12505	-67.85	RMS	35.4	-19.4	11.8	0	-40.5	-27	-13.05	-	-	117	104	H
		7.12595	-69.04	RMS	35.4	-19.5	11.8	0	-41.34	-27	-14.34	-	-	117	104	H
		7.12662	-51.98	Pk	35.4	-19.6	11.8	0	-24.38	-	-	-7	-17.38	117	104	H
		7.12505	-37	Pk	35.4	-19.4	11.8	0	-9.2	-	-	-7	-2.2	225	130	V
		7.12505	-69.86	RMS	35.4	-19.4	11.8	0	-42.06	-27	-15.06	-	-	225	130	V
		7.12565	-63.33	RMS	35.4	-19.5	11.8	0	-35.63	-27	-8.63	-	-	225	130	V
		7.12572	-44.66	Pk	35.4	-19.5	11.8	0	-16.96	-	-	-7	-9.96	225	130	V
802.11be EHT320 3x996T(N) RU 10104	6905	* ** 7.25236	-71.42	Pk	35.4	-19.8	11.8	0	-44.02	-	-	-	-	120	104	H
		* ** 7.2501	-82.43	RMS	35.4	-19.5	11.8	0	-54.73	-41.2	-13.53	-	-	120	104	H
		7.12502	-72.69	Pk	35.4	-19.4	11.8	0	-44.89	-	-	-7	-37.89	120	104	H
		7.12502	-83.46	RMS	35.4	-19.4	11.8	0	-55.66	-27	-28.66	-	-	120	104	H
		* ** 7.25925	-70.98	Pk	35.4	-20.6	11.8	0	-44.38	-	-	-	-	222	127	V
		* ** 7.25119	-83.08	RMS	35.4	-19.6	11.8	0	-55.48	-41.2	-14.28	-	-	222	127	V
		7.12502	-72.83	Pk	35.4	-19.4	11.8	0	-45.03	-	-	-7	-38.03	222	127	V
		7.12502	-83.3	RMS	35.4	-19.4	11.8	0	-55.5	-27	-28.5	-	-	222	127	V

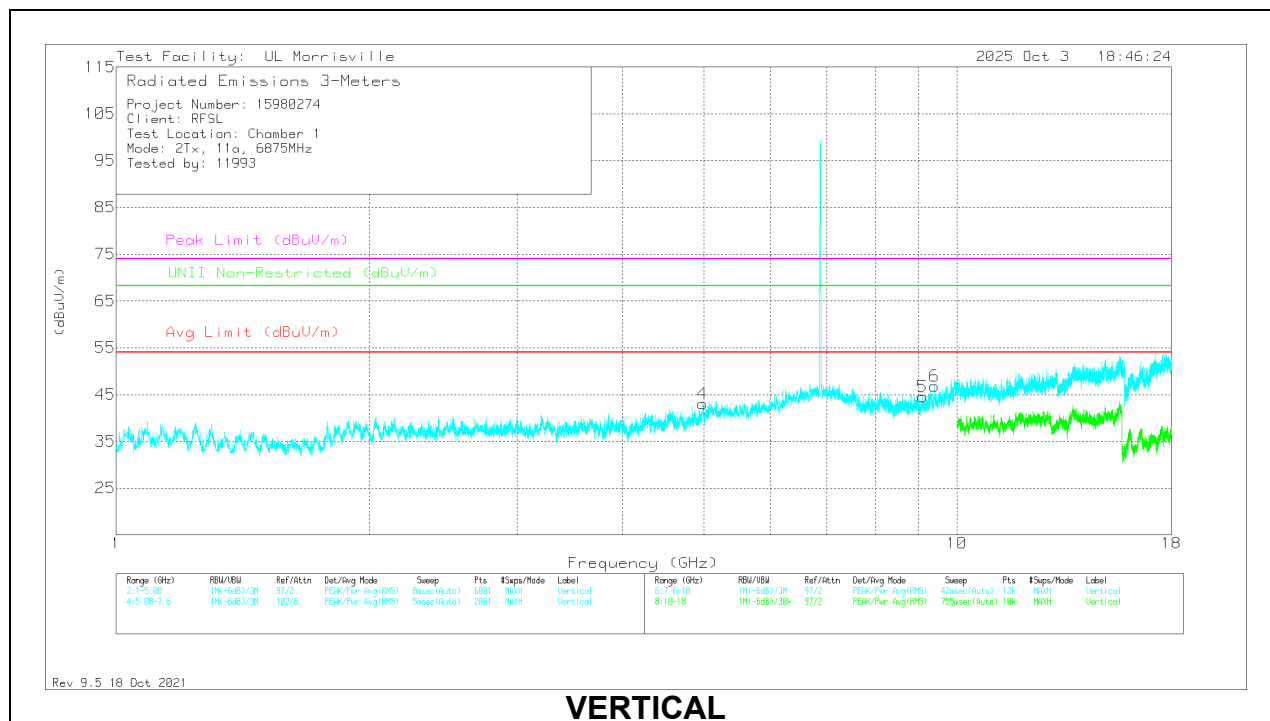
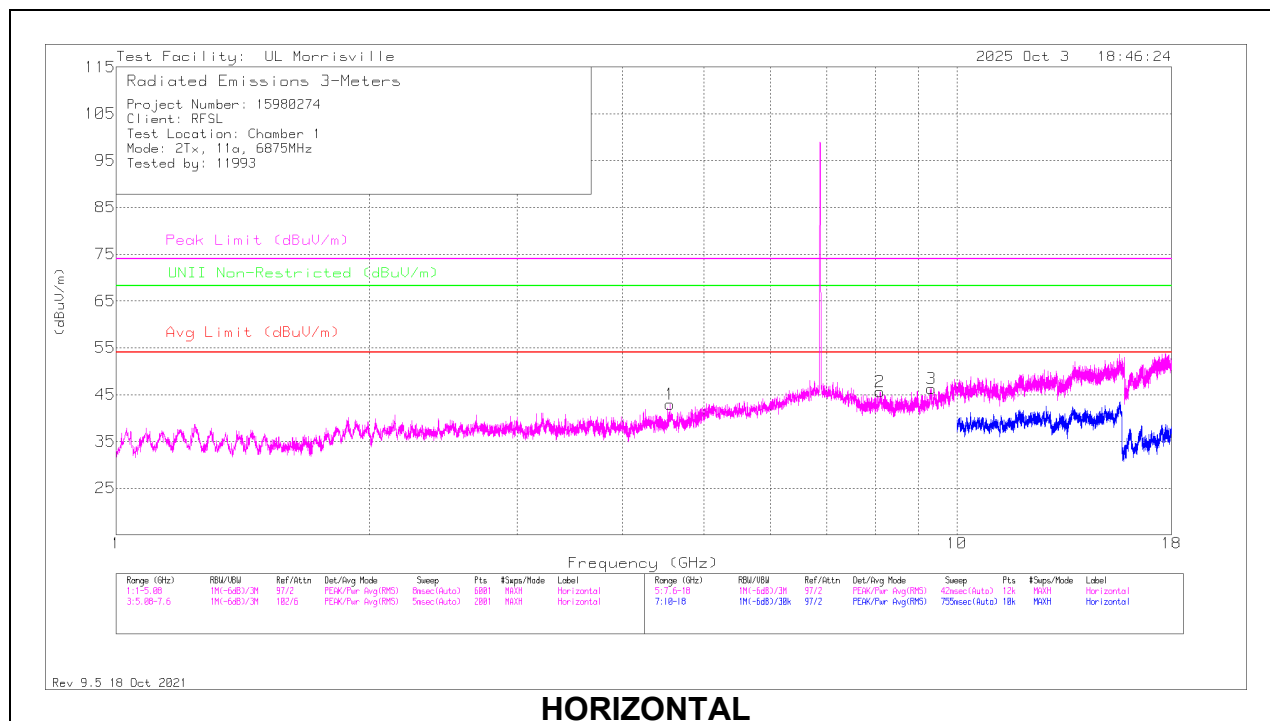
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 802.11a, 6875 MHz)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.55572	54.73	Pk	33.9	-45.7	0	42.93	54	-11.07	74	-31.07	-	-	0-360	200	H
4	*** 4.98208	52.5	Pk	34.2	-43.6	0	43.1	54	-10.9	74	-30.9	-	-	0-360	200	V
2	*** 8.10353	50.41	Pk	35.9	-41.6	.9	45.61	54	-8.39	74	-28.39	-	-	0-360	101	H
3	*** 9.32553	51.43	Pk	36.2	-41.7	.3	46.23	54	-7.77	74	-27.77	-	-	0-360	200	H
5	*** 9.10973	50.03	Pk	35.9	-41.9	.5	44.53	54	-9.47	74	-29.47	-	-	0-360	200	V
6	*** 9.40007	51.27	Pk	36.3	-41.2	.4	46.77	54	-7.23	74	-27.23	-	-	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

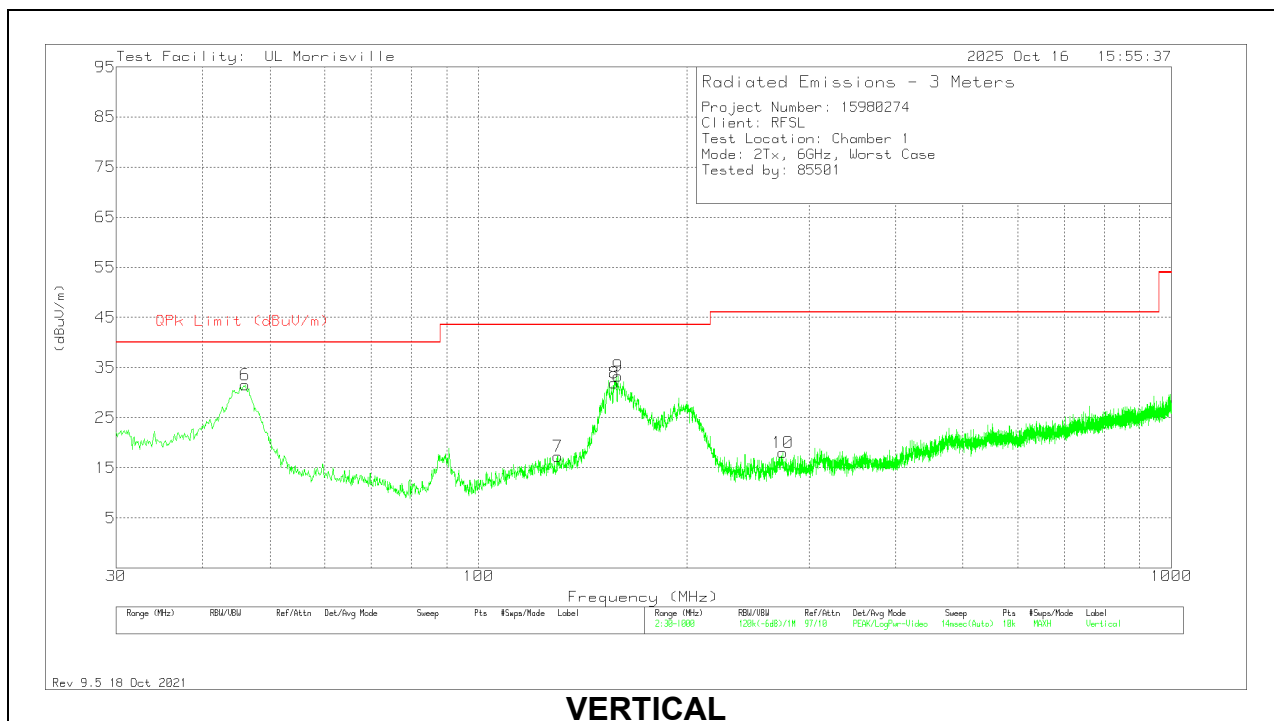
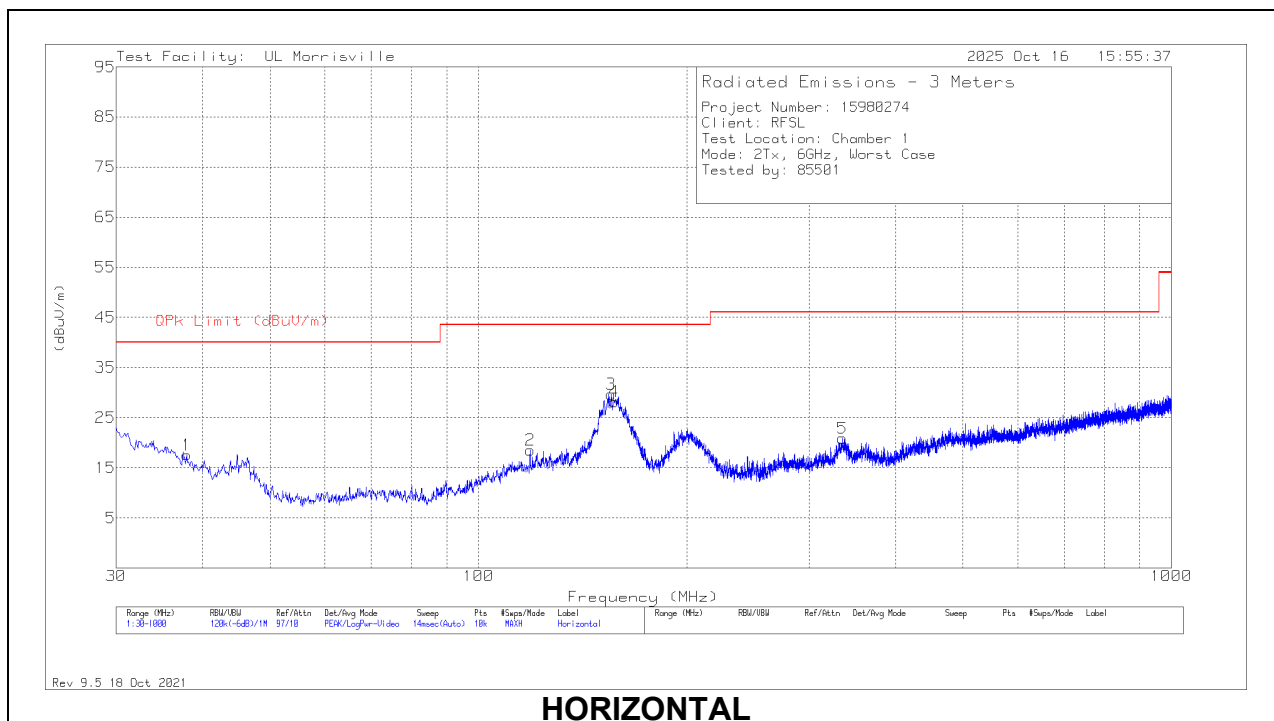
Mode	Fund Freq. [MHz]	Meas Freq. (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	6875	*** 4.55572	54.73	Pk	33.9	-45.7	0	0	42.93	54	-11.07	74	-31.07	-	-	0-360	200	H
		*** 4.98208	52.5	Pk	34.2	-43.6	0	0	43.1	54	-10.9	74	-30.9	-	-	0-360	200	V
		*** 8.10353	50.41	Pk	35.9	-41.6	.9	0	45.61	54	-8.39	74	-28.39	-	-	0-360	101	H
		*** 9.32553	51.43	Pk	36.2	-41.7	.3	0	46.23	54	-7.77	74	-27.77	-	-	0-360	200	H
		*** 9.10973	50.03	Pk	35.9	-41.9	.5	0	44.53	54	-9.47	74	-29.47	-	-	0-360	200	V
		*** 9.40007	51.27	Pk	36.3	-41.2	.4	0	46.77	54	-7.23	74	-27.23	-	-	0-360	101	V
	6995	*** 5.05144	53.99	Pk	34.3	-43.7	0	0	44.59	54	-9.41	74	-29.41	-	-	0-360	101	H
		*** 5.07728	52.5	Pk	34.3	-42.7	0	0	44.1	54	-9.9	74	-29.9	-	-	0-360	200	V
		*** 8.10353	51.12	Pk	35.9	-41.6	.9	0	46.32	54	-7.68	74	-27.68	-	-	0-360	200	H
		*** 9.40353	49.62	Pk	36.3	-41	.4	0	45.32	54	-8.68	74	-28.68	-	-	0-360	200	H
		*** 8.37133	49.76	Pk	35.8	-41.6	.5	0	44.46	54	-9.54	74	-29.54	-	-	0-360	200	V
		*** 9.40007	50.37	Pk	36.3	-41.2	.4	0	45.87	54	-8.13	74	-28.13	-	-	0-360	101	V
	7115	*** 4.29664	54.82	Pk	33.7	-46	0	0	42.52	54	-11.48	74	-31.48	-	-	0-360	101	H
		*** 5.10394	32.13	Pk	34.3	-23	0	0	43.43	54	-10.57	74	-30.57	-	-	0-360	101	V
		*** 9.0586	50.34	Pk	35.8	-42.4	.6	0	44.34	54	-9.66	74	-29.66	-	-	0-360	200	H
		*** 9.30993	50.45	Pk	36.1	-40.4	.5	0	46.65	54	-7.35	74	-27.35	-	-	0-360	200	H
		*** 8.17893	51.48	Pk	35.9	-42.3	.6	0	45.68	54	-8.32	74	-28.32	-	-	0-360	101	V
		*** 9.12533	51.37	Pk	35.9	-42.3	.3	0	45.27	54	-8.73	74	-28.73	-	-	0-360	200	V
		*** 9.40613	50.14	Pk	36.3	-40.8	.4	0	46.04	54	-7.96	74	-27.96	-	-	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.2. WORST CASE BELOW 1 GHZ



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 37.954	28.18	Pk	21.2	-31.8	17.58	40	-22.42	0-360	199	H
2	* ** 118.658	29.42	Pk	19.9	-30.8	18.52	43.52	-25	0-360	300	H
4	* ** 156.876	40.31	Pk	18.4	-30.5	28.21	43.52	-15.31	0-360	199	H
5	* ** 335.162	29.75	Pk	20	-28.9	20.85	46.02	-25.17	0-360	99	H
7	* ** 130.0555	27.9	Pk	20	-30.6	17.3	43.52	-26.22	0-360	100	V
8	* ** 156.876	43.99	Pk	18.4	-30.5	31.89	43.52	-11.63	0-360	100	V
10	* ** 275.022	27.88	Pk	19.5	-29.4	17.98	46.02	-28.04	0-360	100	V
6	46.005	47.15	Pk	15.7	-31.3	31.55	40	-8.45	0-360	100	V
3	155.421	41.3	Pk	18.5	-30.1	29.7	43.52	-13.82	0-360	300	H
9	158.913	45.03	Pk	18.5	-30.2	33.33	43.52	-10.19	0-360	100	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. 6GHZ WIFI PROTOCOL TESTING

11.1. DESCRIPTION OF TEST SETUP

11.1.1. TEST AND MEASUREMENT SYSTEM

These tests were performed using a Conducted instrument configuration.

TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST					
Description	Manufacturer	Model	ID Num	Cal Date	Cal Due
Spectrum Analyzer, PXA, 3Hz to 8.4GHz	Keysight	N9030A	89232	2025-07-31	2026-07-31
Signal Generator, MXG X-Series RF Vector	Keysight	N5182B	215042	2025-03-14	2026-03-14
Frequency Extender	Keysight	N5182BX07	215272	2025-03-14	2026-03-14
Wideband Communications Tester	Rohde & Schwarz	CMW500	208721	2025-09-10	2026-09-10
2.5-7.5 GHz Horn Antenna	Advanced Technical Materials INC.	250-441EM-NF/CAL	185854	2025-01-13	2026-01-13

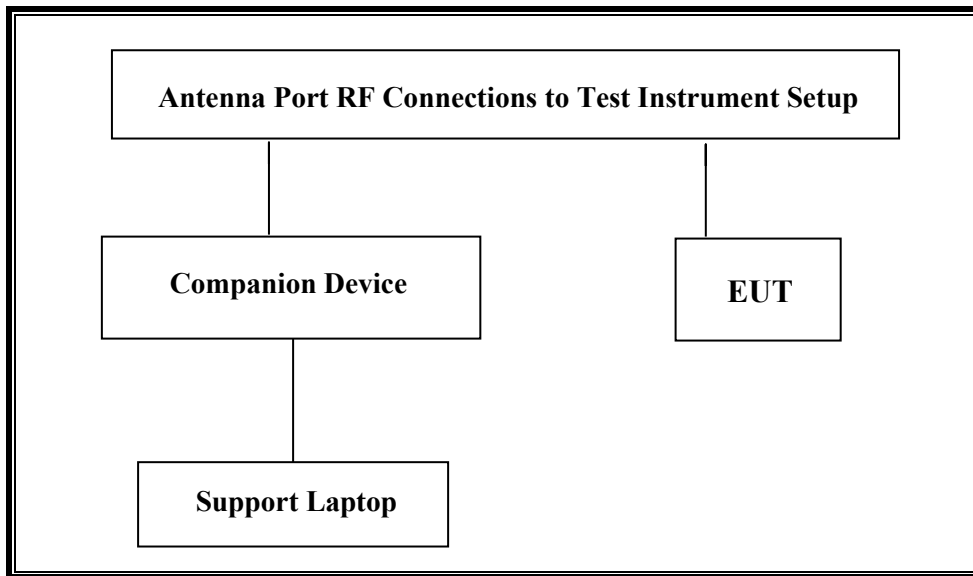
SUPPORT EQUIPMENT

The following support equipment was utilized for the tests documented in this report:

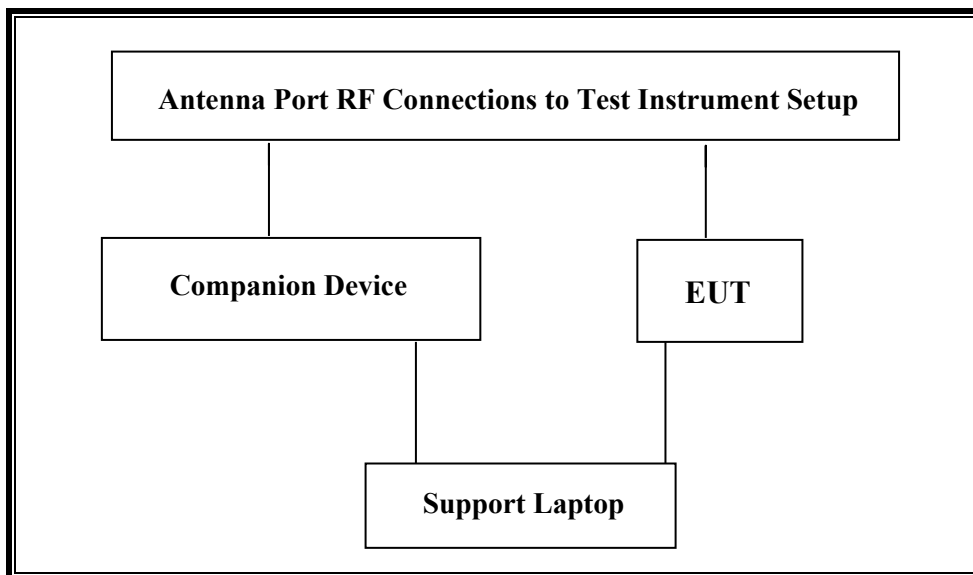
PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Low Power Indoor Access Point	ASUS	RT-BE96U	R8IG6G200663DZ3	MSQ-RTBE6G00
LPI AP Power Supply	Ac Bel	ADDD011 LPS	ADD01117AG220706564A	N/A
Standard Power Access Point	Ubiquiti	E7-Campus	942A6F5E8A42	SWX-E7CP
SP POE	PROCET	EN30GT	BOBZYRBXH6	N/A
Network Gateway	Ubiquiti	UDM-Pro	9C05D6D07CD5	SWX-UDMPRO
Very Low Power Companion Device	Samsung	SM-S942U	YHK0053M	A3LSMS942U
Support Laptop	HP	14-dk1003dx	5CGO16B3DL	TX2-RTL8821CE
Laptop Power Supply	HP	HSTNN-CA40	N/A	N/A
RF Shielded Chamber	OctoScope	OB-26	OB2650224-01	N/A

11.1.2. SETUP OF EUT

DUAL CLIENT & SP APC TEST SETUP



VLP TPC TEST SETUP



11.1.3. TEST ROOM ENVIRONMENT

The test room temperature and humidity shall be maintained within normal temperature of 15~35 °C and normal humidity 20~75% (relative humidity).

ENVIRONMENT CONDITION

Parameter	Value
Temperature	20.5 – 25.7 °C
Humidity	21.1 – 42.8 %

11.2. VLP TRANSMIT POWER CONTROL (TPC) TEST

TEST SETUP

VLP TPC – The test procedure was performed in accordance with KDB 987594 D02 Section M to demonstrate the EUTs ability to utilize a TPC mechanism and lower its output power to 6dB below the VLP limit as the RSSI is increased. A second EUT was configured to act as a Mobile Hotspot (MHS) in VLP mode. The EUT and the MHS are set to operate in MIMO mode on channel 47 (6185 MHz) at a 160 MHz bandwidth. Iperf3 was used to generate traffic from the EUT to the MHS. Power was measured in accordance with ANSI C63.10 method SA-2.

TEST STANDARD REQUIREMENTS

FCC §15.407 (d)(10)

RESULTS

VLP TPC

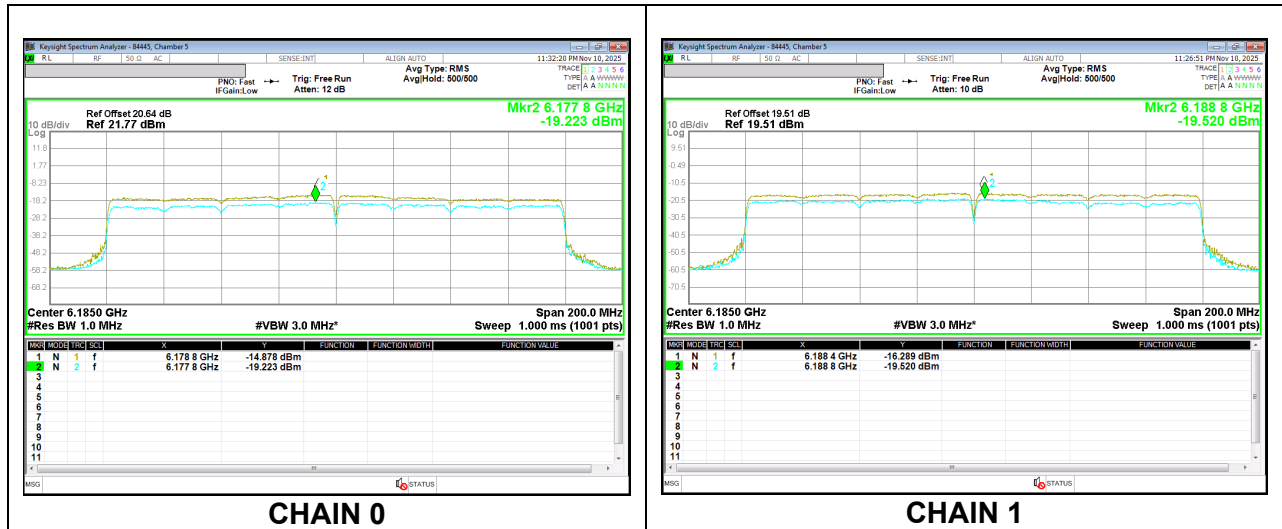
EUT SN: YHK0044M

Date Tested: 2025-11-10

Tested By: 84445

Test Location: Chamber 5

TPC State	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Directional Gain for PSD (dBi)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
TPC High	6185	-14.88	-16.29	-0.62	-13.14	-5.00	-8.14
TPC Low	6185	-19.22	-19.52	-0.62	-16.98	-11.00	-5.98



12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

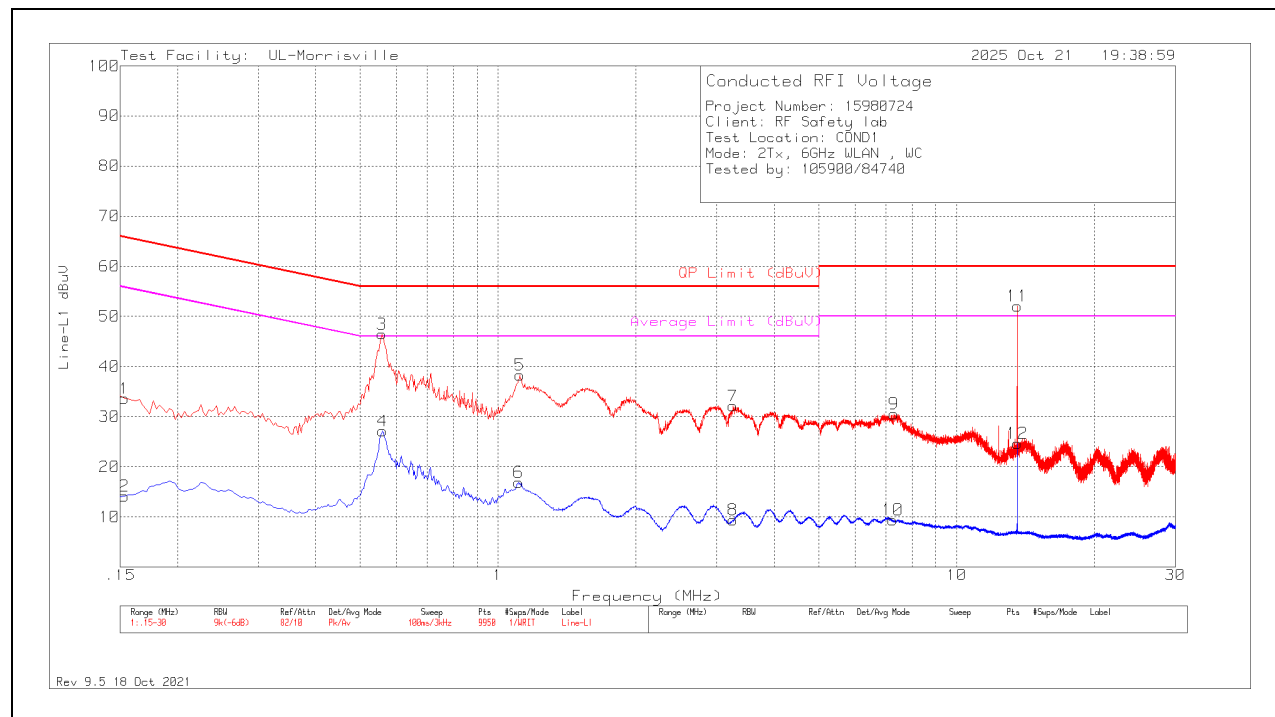
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

RESULTS

12.1. AC POWER LINE NORM

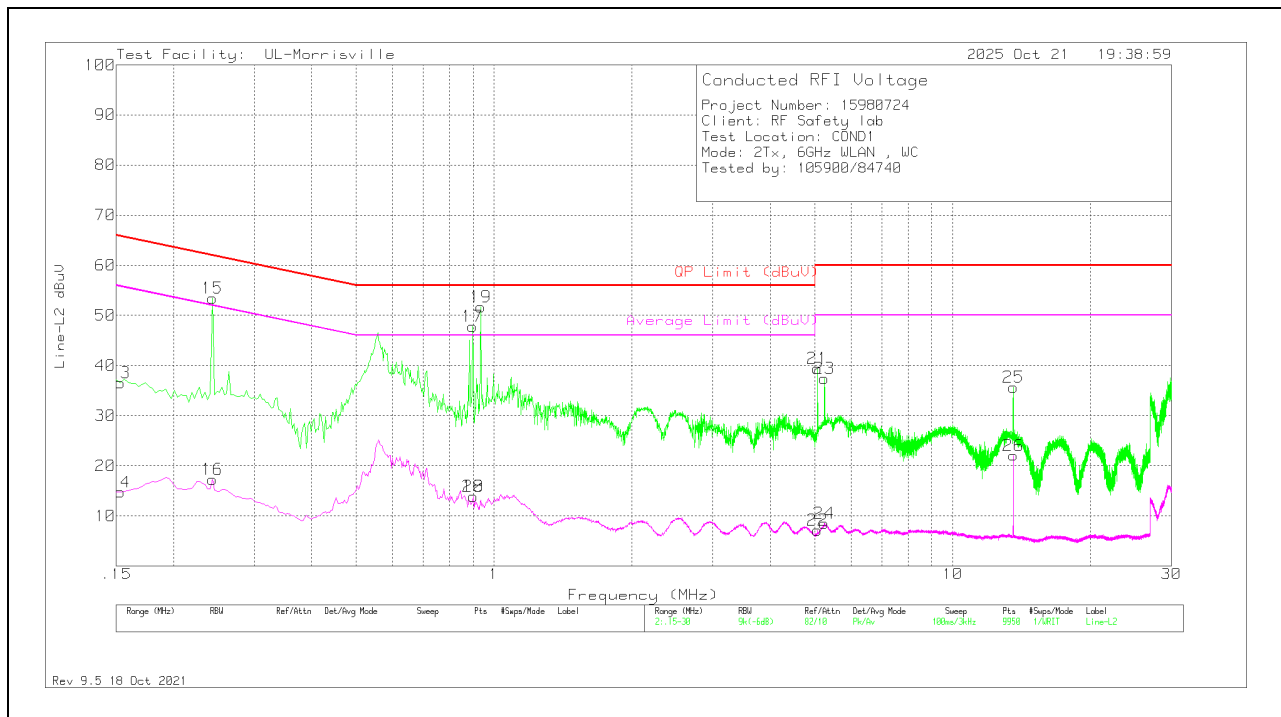
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	23.71	Pk	.2	9.7	33.61	65.84	-32.23	-	-
2	.153	4.24	Av	.2	9.7	14.14	-	-	55.84	-41.7
3	.558	36.79	Pk	0	9.7	46.49	56	-9.51	-	-
4	.561	17.4	Av	0	9.7	27.1	-	-	46	-18.9
5	1.116	28.56	Pk	0	9.7	38.26	56	-17.74	-	-
6	1.11	7.22	Av	0	9.7	16.92	-	-	46	-29.08
7	3.252	22.41	Pk	0	9.7	32.11	56	-23.89	-	-
8	3.249	-.3	Av	0	9.7	9.4	-	-	46	-36.6
9	7.293	20.81	Pk	0	9.7	30.51	60	-29.49	-	-
10	7.263	-.31	Av	0	9.7	9.39	-	-	50	-40.61
11	13.563	42.15	Pk	.1	9.8	52.05	60	-7.95	-	-
12	13.563	14.72	Av	.1	9.8	24.62	-	-	50	-25.38

Pk - Peak detector
Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	26.62	Pk	.2	9.7	36.52	65.84	-29.32	-	-
14	.153	4.81	Av	.2	9.7	14.71	-	-	55.84	-41.13
15	.243	43.66	Pk	.1	9.7	53.46	61.99	-8.53	-	-
16	.243	7.44	Av	.1	9.7	17.24	-	-	51.99	-34.75
17	.897	38.11	Pk	0	9.7	47.81	56	-8.19	-	-
18	.9	4.18	Av	0	9.7	13.88	-	-	46	-32.12
19	.94392	29.69	Qp	0	9.7	39.39	56	-16.61	-	-
20	.9	4.18	Av	0	9.7	13.88	-	-	46	-32.12
21	5.076	29.7	Pk	0	9.7	39.4	60	-20.6	-	-
22	5.076	-2.57	Av	0	9.7	7.13	-	-	50	-42.87
23	5.25	27.7	Pk	0	9.7	37.4	60	-22.6	-	-
24	5.25	-1.19	Av	0	9.7	8.51	-	-	50	-41.49
25	13.563	25.79	Pk	.1	9.8	35.69	60	-24.31	-	-
26	13.56	12.18	Av	.1	9.8	22.08	-	-	50	-27.92

Pk - Peak detector

Av - Average detection

Qp - Quasi-Peak detector

13. SETUP PHOTOS

Please refer to R15980274-EP1 for setup photos