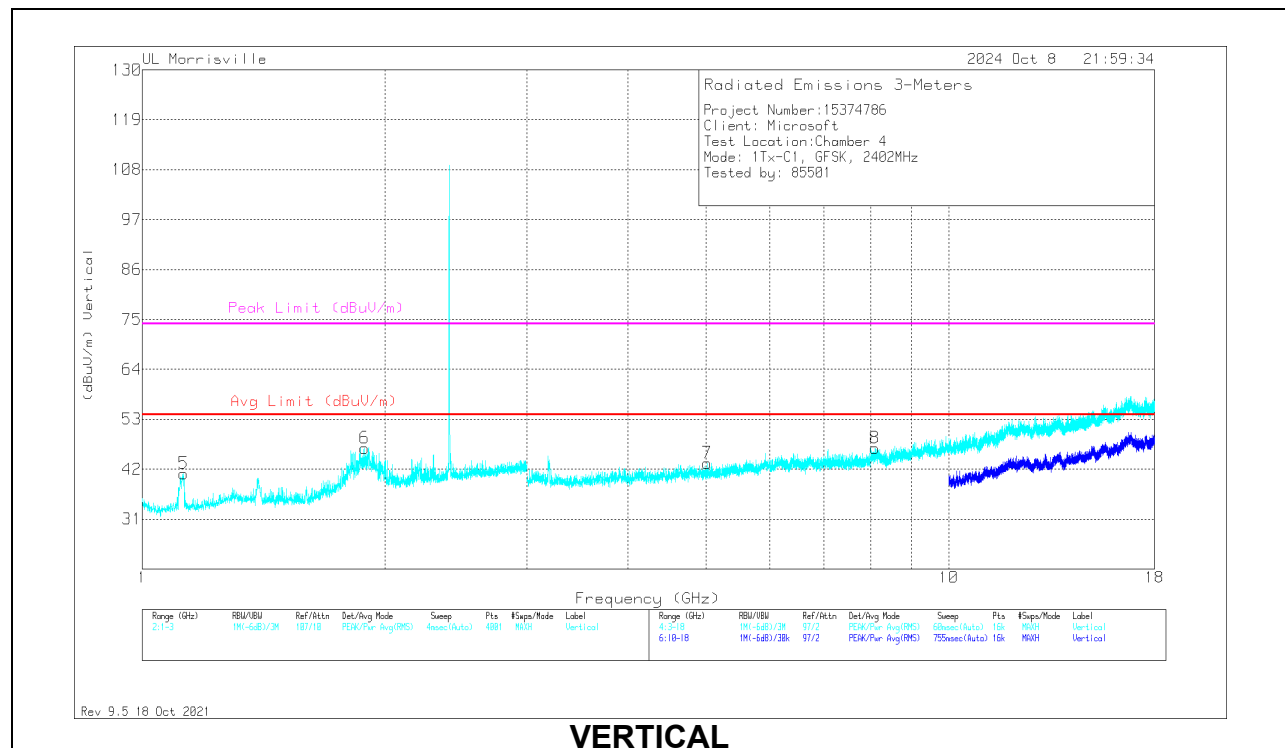
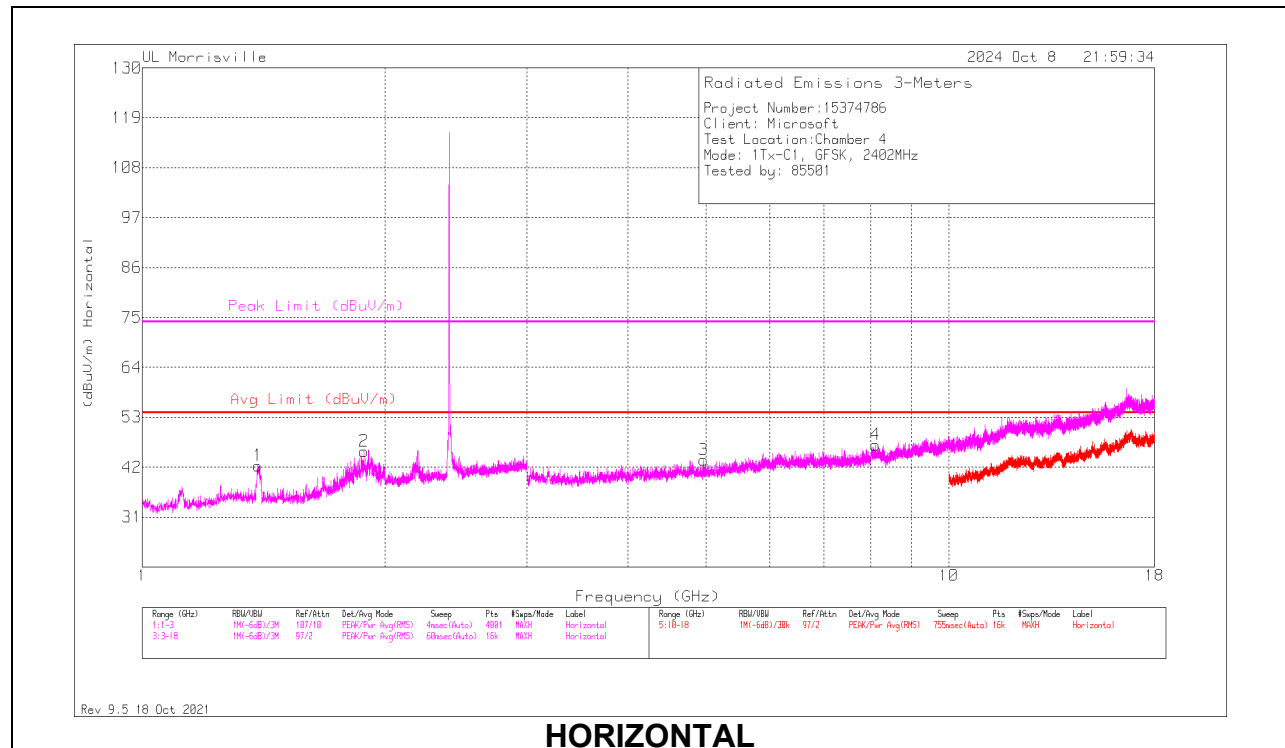


HARMONICS AND SPURIOUS EMISSIONS (CHAIN 1)

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.391	38.77	Pk	28.2	-24.7	42.27	54	-11.73	74	-31.73	0-360	100	H
5	* ** 1.1245	38.75	Pk	27.4	-25.1	41.05	54	-12.95	74	-32.95	0-360	200	V
6	** 1.886	39.59	Pk	30.7	-23.6	46.69	54	-7.31	74	-27.31	0-360	200	V
3	* ** 4.96781	40.25	Pk	34	-30.7	43.55	54	-10.45	74	-30.45	0-360	100	H
4	* ** 8.12156	37.78	Pk	35.8	-26.7	46.88	54	-7.12	74	-27.12	0-360	100	H
7	* ** 5.02219	40.84	Pk	34.1	-31.6	43.34	54	-10.66	74	-30.66	0-360	200	V
8	* ** 8.09813	37.78	Pk	35.8	-26.9	46.68	54	-7.32	74	-27.32	0-360	200	V
2	1.8835	38.44	Pk	30.7	-23.6	45.54	-	-	-	-	0-360	100	H

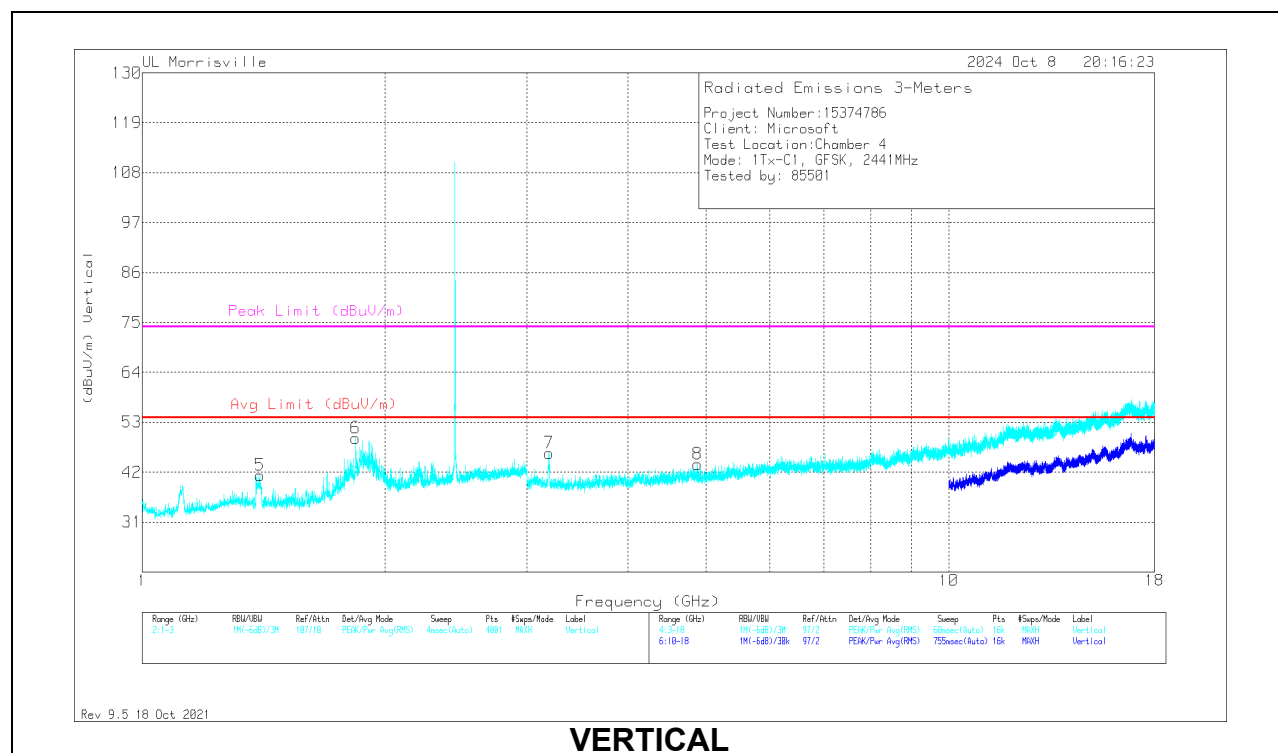
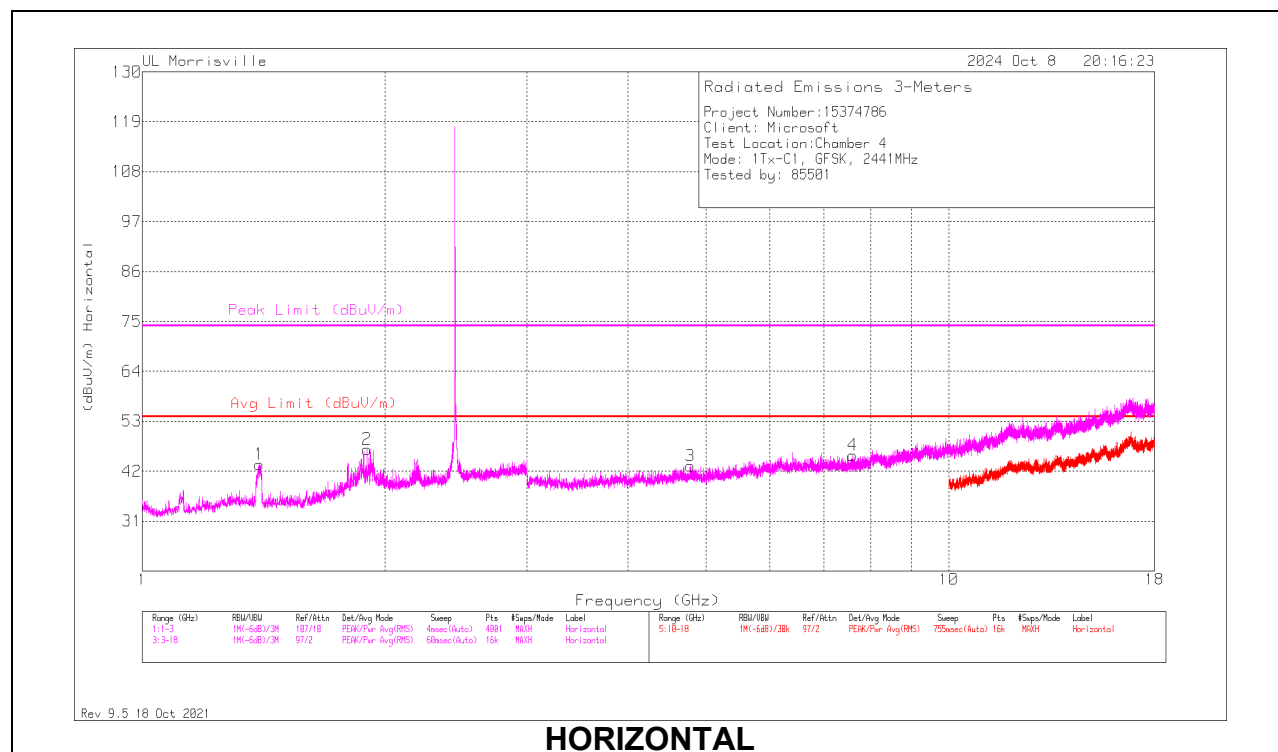
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.396	39.98	Pk	28.2	-24.7	-	43.48	54	-10.52	74	-30.52	0-360	100	H
2	** 1.8995	39.65	Pk	30.8	-23.7	-	46.75	54	-7.25	74	-27.25	0-360	100	H
5	* ** 1.4	37.84	Pk	28.2	-24.7	-	41.34	54	-12.66	74	-32.66	0-360	200	V
6	** 1.83899	46.26	PK2	30.4	-23.8	-	52.86	-	-	74	-21.14	304	375	V
6	** 1.83899	46.26	PK2	30.4	-23.8	-25	27.86	54	-26.14	-	-	304	375	V
3	* ** 4.78688	40.31	Pk	34.1	-31.3	-	43.11	54	-10.89	74	-30.89	0-360	100	H
4	* ** 7.60031	37.09	Pk	35.7	-27.3	-	45.49	54	-8.51	74	-28.51	0-360	100	H
8	* ** 4.88156	40.71	Pk	34	-31	-	43.71	54	-10.29	74	-30.29	0-360	200	V
7	3.19781	47.48	Pk	32.8	-34.1	-	46.18	54	-7.82	74	-27.82	0-360	200	V

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

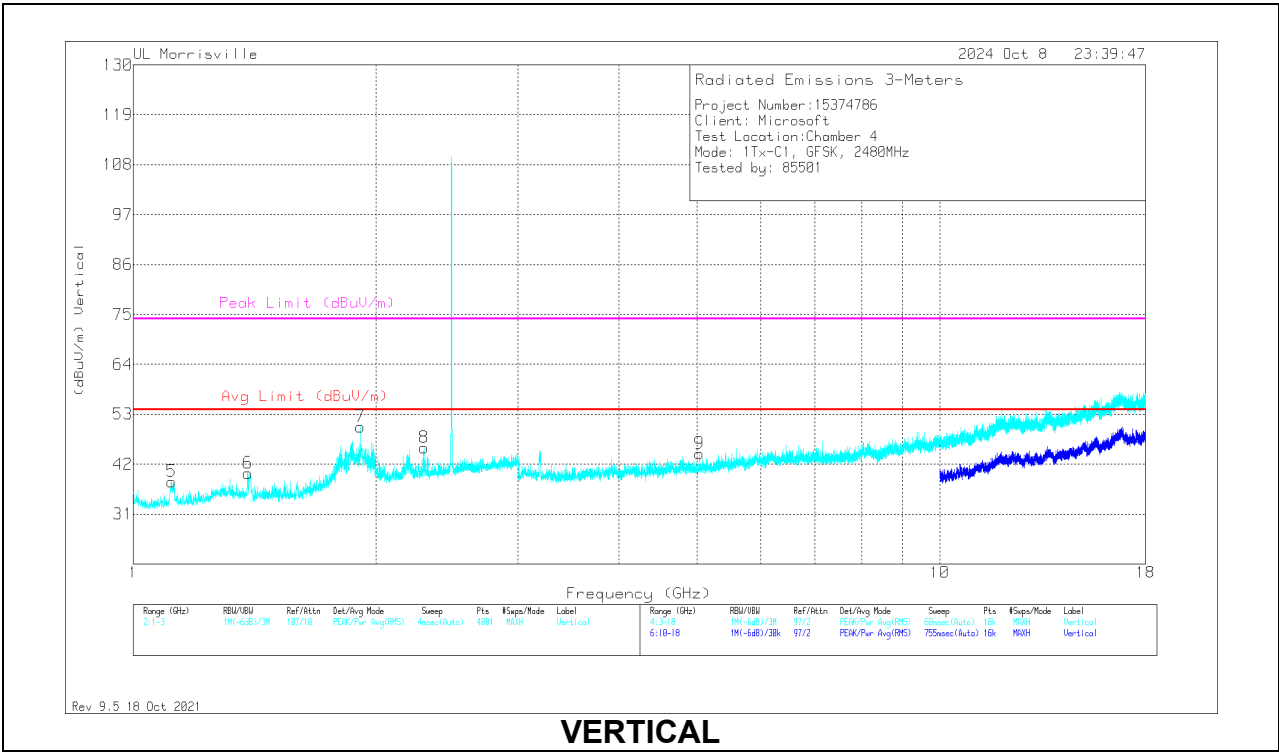
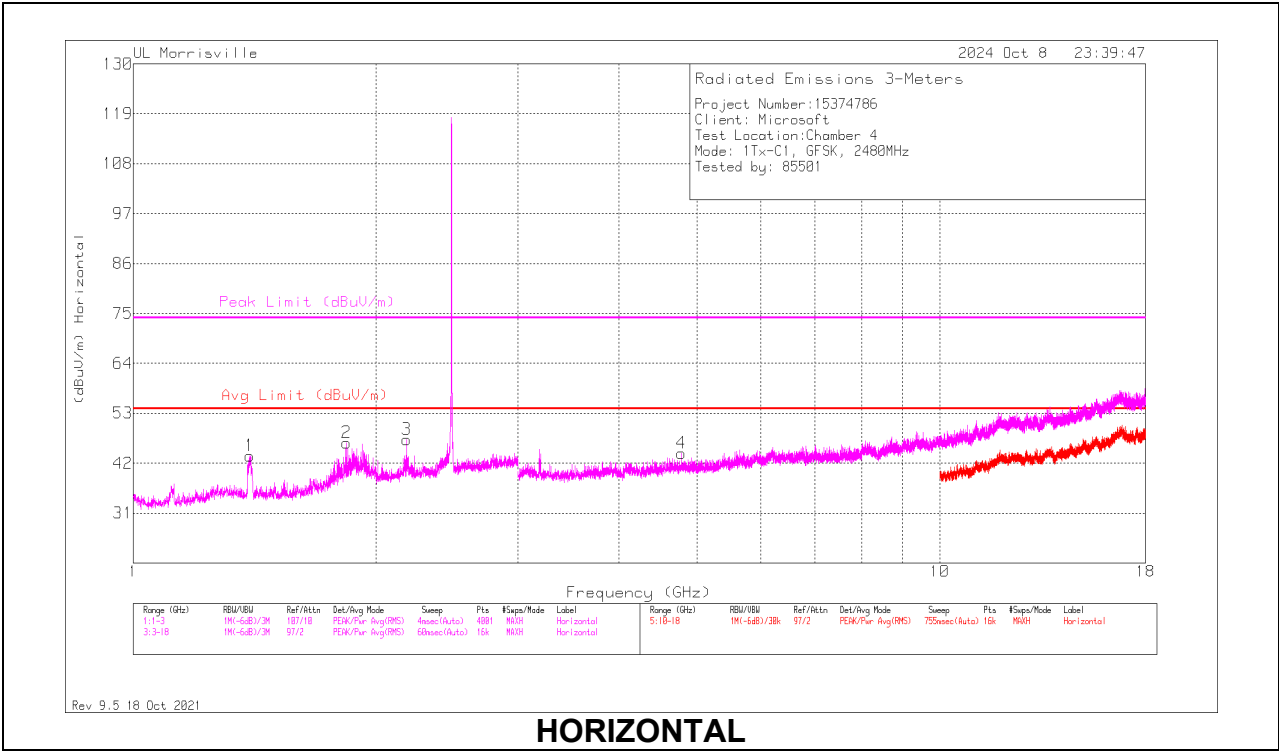
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.394	40.14	Pk	28.2	-24.7	-	43.64	54	-10.36	74	-30.36	0-360	100	H
2	** 1.838	39.92	Pk	30.4	-23.8	-	46.52	54	-7.48	74	-27.48	0-360	100	H
5	* ** 1.115	35.76	Pk	27.5	-25.1	-	38.16	54	-15.84	74	-35.84	0-360	200	V
6	* ** 1.388	36.56	Pk	28.2	-24.7	-	40.06	54	-13.94	74	-33.94	0-360	200	V
7	** 1.91236	48.15	PK2	30.7	-23.6	-	55.25	-	-	74	-18.75	340	343	V
7	** 1.91236	48.15	PK2	30.7	-23.6	-25	30.25	54	-23.75	-	-	340	343	V
8	* ** 2.293	36.5	Pk	32	-22.9	-	45.6	54	-8.4	74	-28.4	0-360	200	V
4	* ** 4.78031	41.3	Pk	34.1	-31.2	-	44.2	54	-9.8	74	-29.8	0-360	100	H
9	* ** 5.0325	41.89	Pk	34.1	-31.7	-	44.29	54	-9.71	74	-29.71	0-360	200	V
3	2.1835	38.67	Pk	31.6	-23.1	-	47.17	-	-	-	-	0-360	100	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

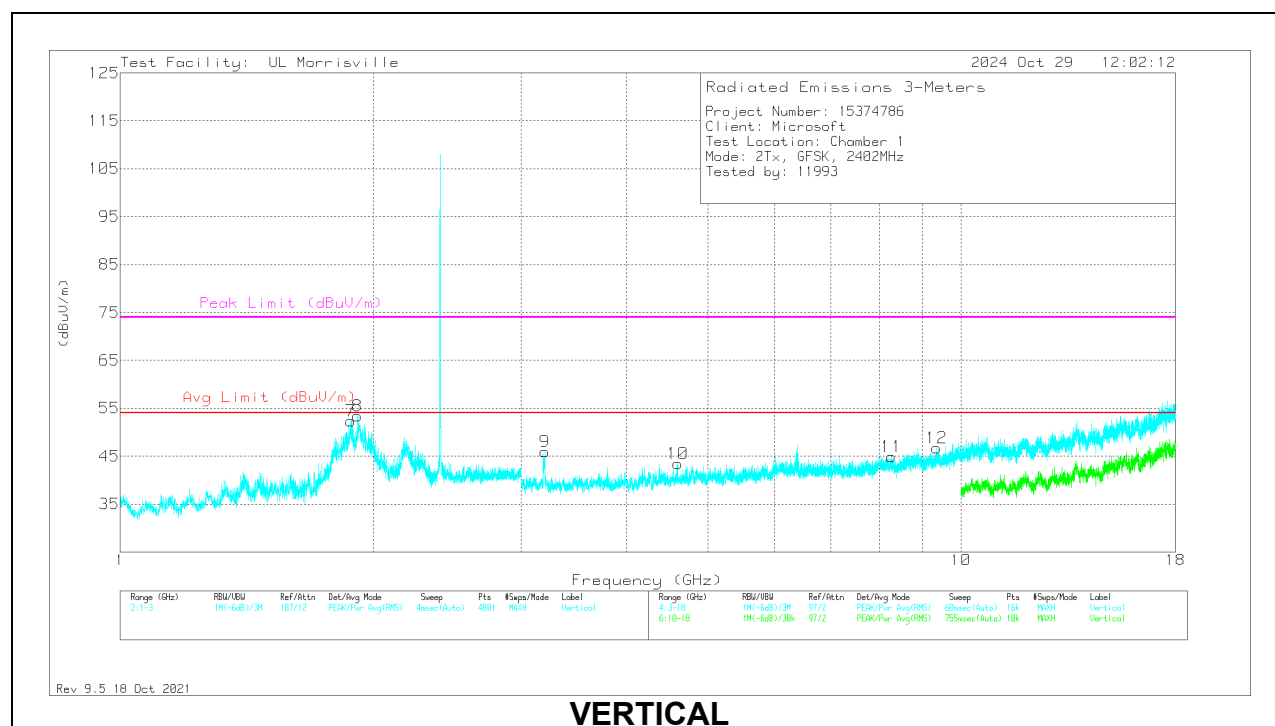
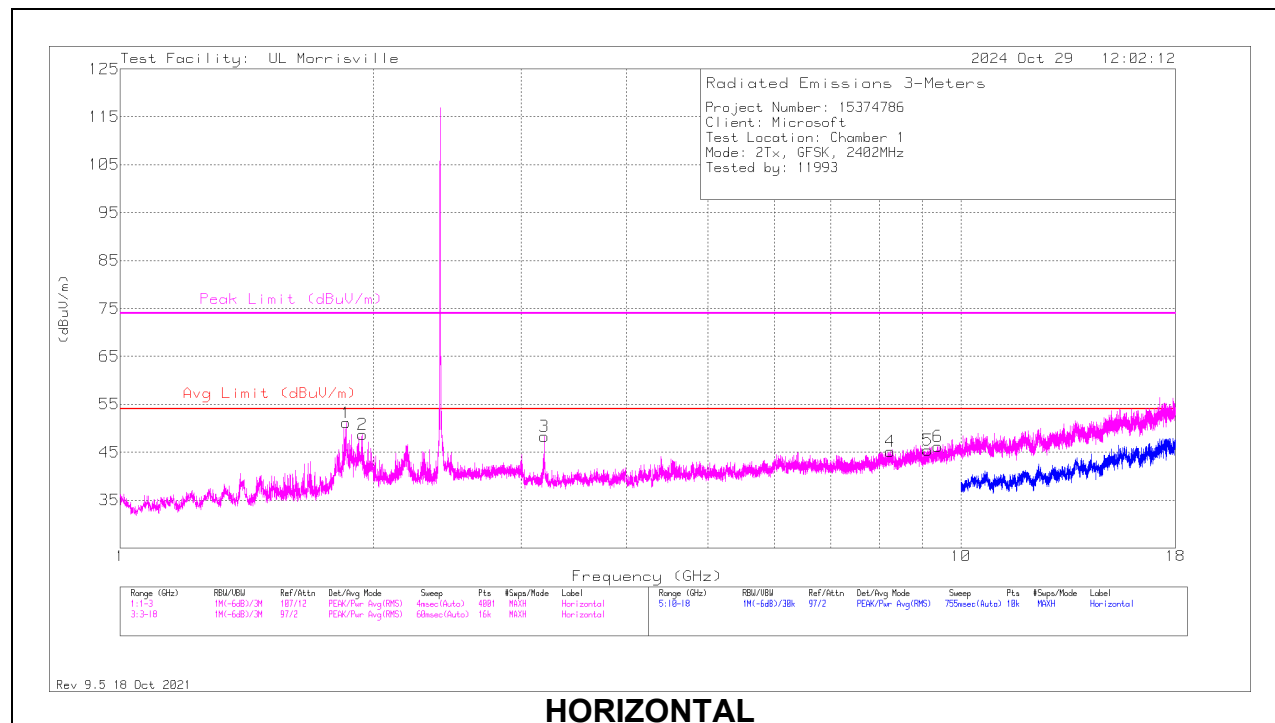
Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

HARMONICS AND SPURIOUS EMISSIONS (2TX MIMO)

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.85595	50.59	PK2	31	-24.1	-	57.49	-	-	74	-16.51	334	396	H
1	** 1.85595	50.59	PK2	31	-24.1	-25	32.49	54	-21.51	-	-	334	396	H
2	** 1.94647	48.41	PK2	31.5	-24.4	-	55.51	-	-	74	-18.49	328	358	H
2	** 1.94647	48.41	PK2	31.5	-24.4	-25	30.51	54	-23.49	-	-	328	358	H
7	** 1.8787	44.42	PK2	31.2	-24	-	51.62	-	-	74	-22.38	39	175	V
7	** 1.8787	44.42	PK2	31.2	-24	-25	26.62	54	-27.38	-	-	39	175	V
8	** 1.91981	50.13	PK2	31.3	-24.4	-	57.03	-	-	74	-16.97	244	290	V
8	** 1.91981	50.13	PK2	31.3	-24.4	-25	32.03	54	-21.97	-	-	244	290	V
4	*** 8.23875	50.16	Pk	35.9	-40.9	-	45.16	54	-8.84	74	-28.84	0-360	101	H
5	*** 9.12938	50.06	Pk	35.9	-40.5	-	45.46	54	-8.54	74	-28.54	0-360	101	H
6	*** 9.39469	49.89	Pk	36.3	-40	-	46.19	54	-7.81	74	-27.81	0-360	101	H
10	*** 4.60313	55.46	Pk	33.9	-45.9	-	43.46	54	-10.54	74	-30.54	0-360	200	V
11	*** 8.27531	49.82	Pk	35.9	-40.8	-	44.92	54	-9.08	74	-29.08	0-360	101	V
12	*** 9.36094	51.09	Pk	36.2	-40.6	-	46.69	54	-7.31	74	-27.31	0-360	200	V
3	3.195	60.15	Pk	32.6	-44.4	-	48.35	-	-	-	-	0-360	101	H
9	3.19969	57.79	Pk	32.6	-44.4	-	45.99	-	-	-	-	0-360	101	V

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

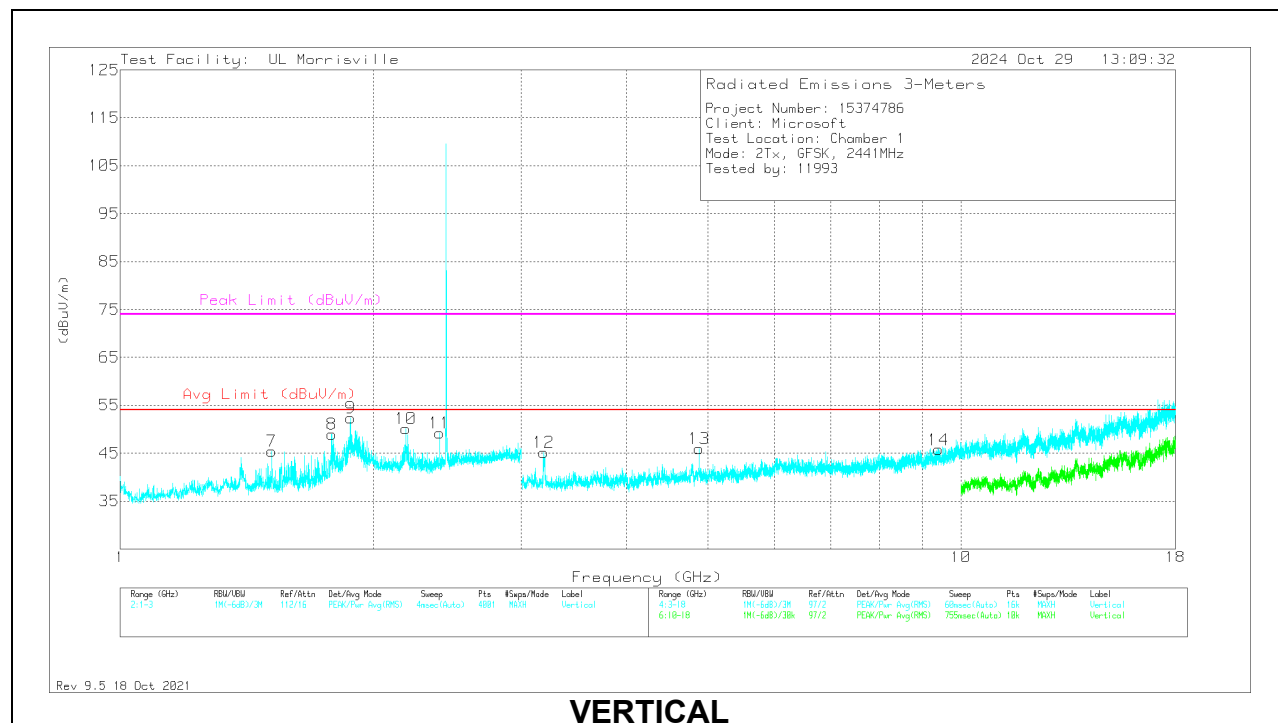
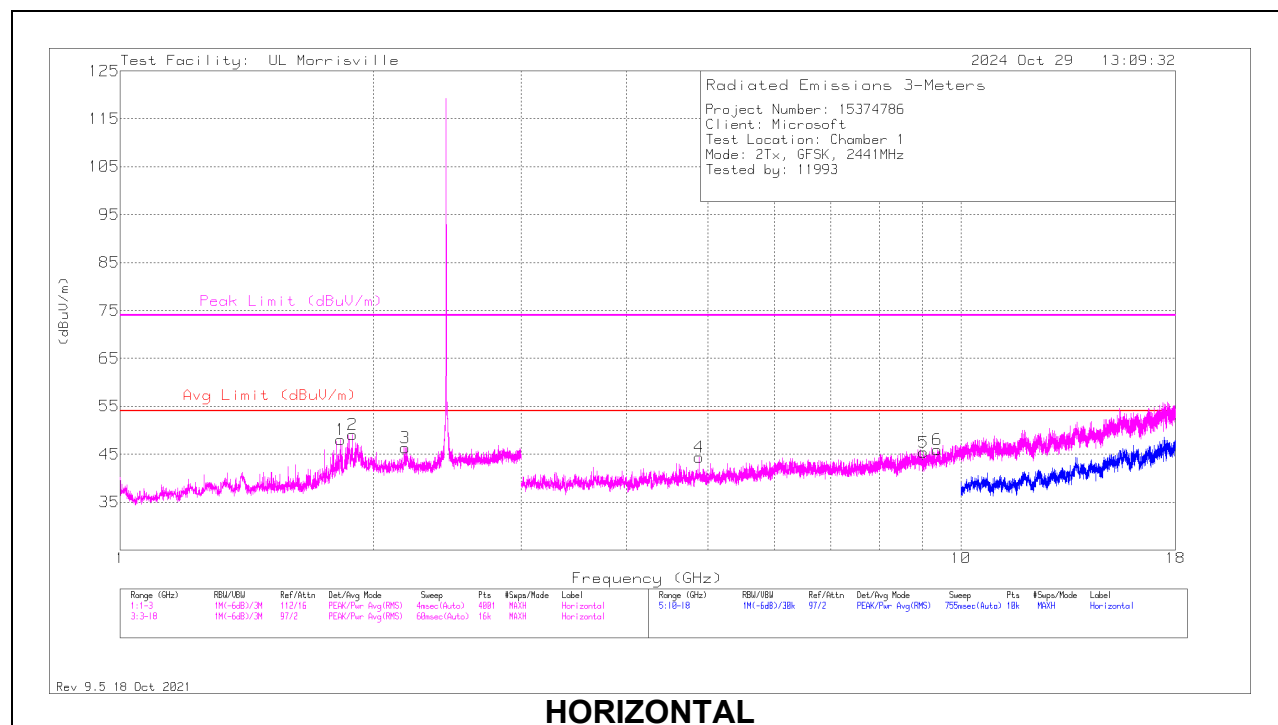
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.8285	41.39	Pk	30.6	-24	-	47.99	54	-6.01	74	-26.01	0-360	101	H
2	** 1.8881	49.62	PK2	31.2	-24	-	56.82	-	-	74	-17.18	331	398	H
2	** 1.8881	49.62	PK2	31.2	-24	-25	31.82	54	-22.18	-	-	331	398	H
7	*** 1.515	41.9	Pk	28.2	-24.7	-	45.4	54	-8.6	74	-28.6	0-360	200	V
8	** 1.78448	45.08	PK2	30	-24	-	51.08	-	-	74	-22.92	253	285	V
8	** 1.78448	45.08	PK2	30	-24	-25	26.08	54	-27.92	-	-	253	285	V
9	** 1.889	50.9	PK2	31.2	-24	-	58.1	-	-	74	-15.9	245	290	V
9	** 1.889	50.9	PK2	31.2	-24	-	33.1	54	-20.9	-	-	245	290	V
4	*** 4.88156	55.12	Pk	34	-44.7	-	44.42	54	-9.58	74	-29.58	0-360	101	H
5	*** 9.02813	49.46	Pk	35.8	-39.9	-	45.36	54	-8.64	74	-28.64	0-360	200	H
6	*** 9.375	50.09	Pk	36.2	-40.3	-	45.99	54	-8.01	74	-28.01	0-360	200	H
13	*** 4.88156	56.66	Pk	34	-44.7	-	45.96	54	-8.04	74	-28.04	0-360	101	V
14	*** 9.41156	49.64	Pk	36.3	-40.2	-	45.74	54	-8.26	74	-28.26	0-360	200	V
3	2.183	39.03	Pk	31.5	-24.2	-	46.33	-	-	-	-	0-360	199	H
10	2.1875	42.77	Pk	31.5	-24.1	-	50.17	-	-	-	-	0-360	200	V
11	2.3995	41.66	Pk	32	-24.5	-	49.16	-	-	-	-	0-360	200	V
12	3.1875	57.13	Pk	32.6	-44.6	-	45.13	-	-	-	-	0-360	200	V

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

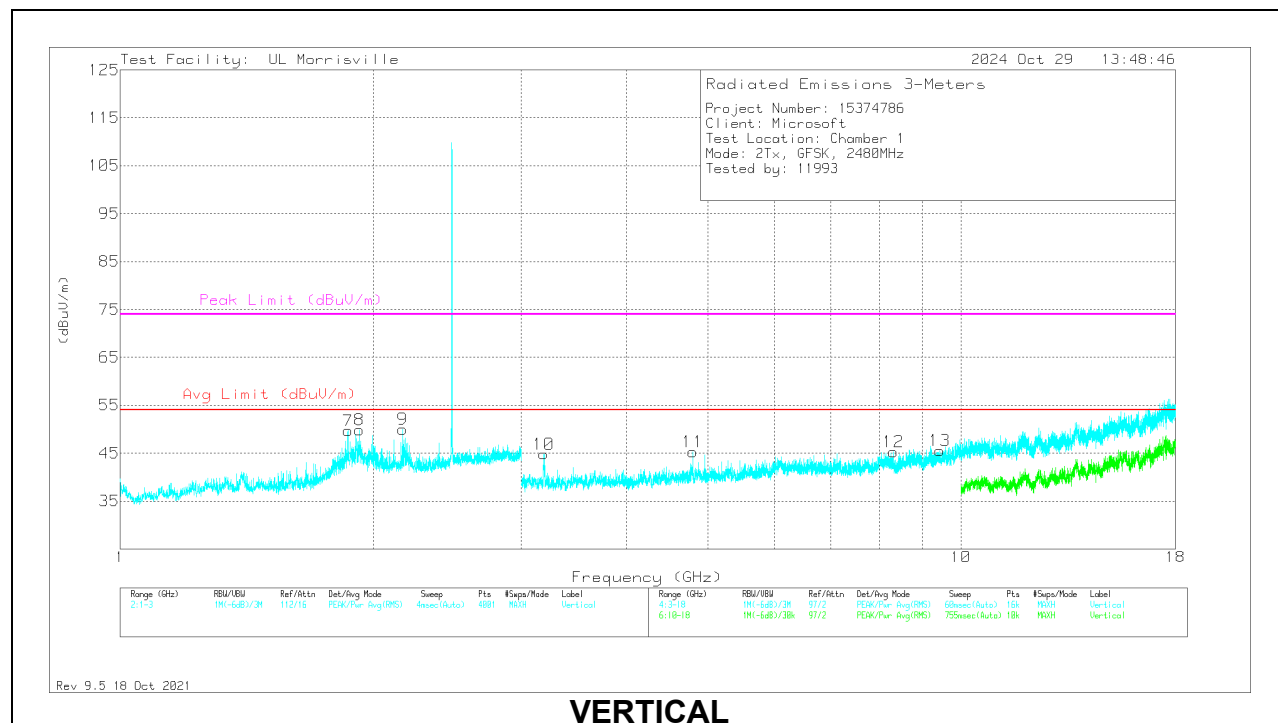
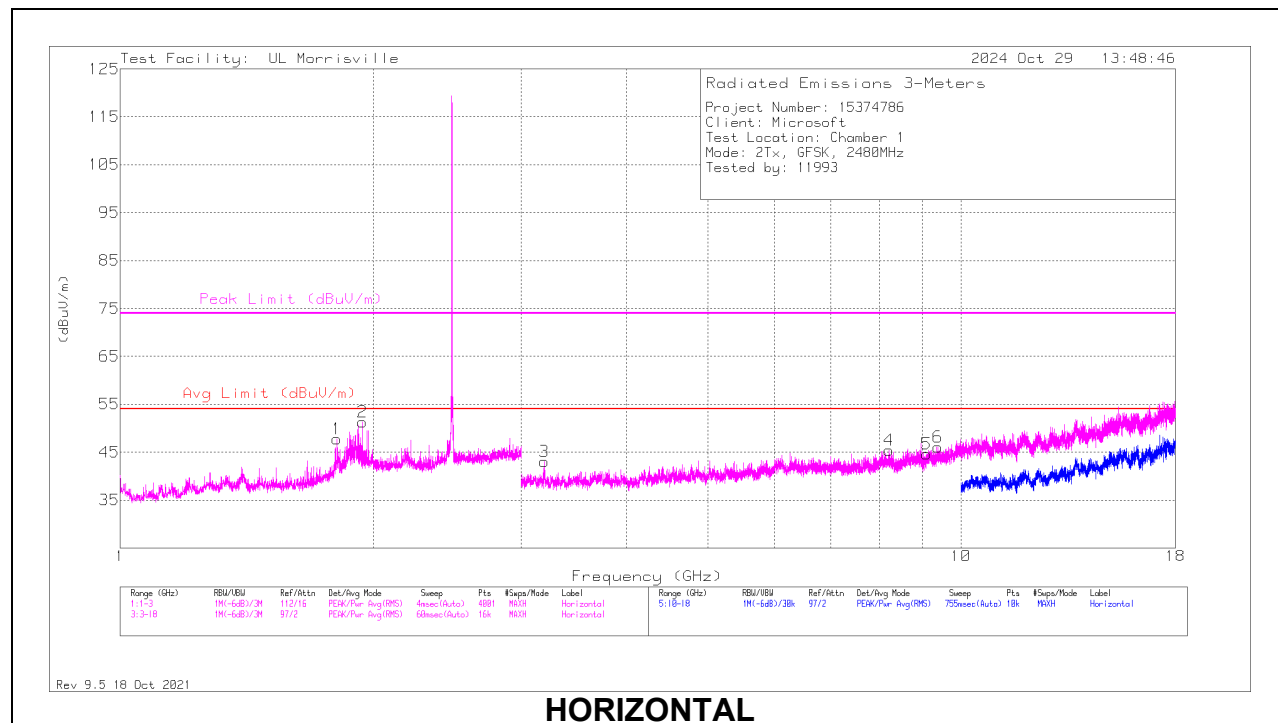
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.81	41.56	Pk	30.3	-24.1	-	47.76	54	-6.24	74	-26.24	0-360	101	H
2	** 1.94199	47.56	PK2	31.4	-24.3	-	54.66	-	-	74	-19.34	335	325	H
2	** 1.94199	47.56	PK2	31.4	-24.3	-25	29.66	54	24.34	-	-	335	325	H
7	** 1.86606	49.81	PK2	31.1	-24.3	-	56.61	-	-	74	-17.29	230	254	V
7	** 1.86606	49.81	PK2	31.1	-24.3	-25	31.61	54	-22.29	-	-	230	254	V
8	** 1.92722	50.14	PK2	31.4	-24.4	-	57.14	-	-	74	-16.86	223	233	V
8	** 1.92722	50.14	PK2	31.4	-24.4	-25	32.14	54	-21.86	-	-	223	233	V
9	** 2.16855	42.9	PK2	31.5	-24	-	50.4	-	-	74	-23.6	266	256	V
9	** 2.16855	42.9	PK2	31.5	-24	-25	25.4	54	-28.6	-	-	266	256	V
4	*** 8.21813	50.37	Pk	35.9	-40.8	-	45.47	54	-8.53	74	-28.53	0-360	101	H
5	*** 9.10313	48.98	Pk	35.9	-40.2	-	44.68	54	-9.32	74	-29.32	0-360	101	H
6	*** 9.39281	49.82	Pk	36.3	-40.1	-	46.02	54	-7.98	74	-27.98	0-360	101	H
11	*** 4.79813	56.79	Pk	33.9	-45.4	-	45.29	54	-8.71	74	-28.71	0-360	200	V
12	*** 8.30906	50.18	Pk	35.8	-40.7	-	45.28	54	-8.72	74	-28.72	0-360	200	V
13	*** 9.43313	49.55	Pk	36.3	-40.3	-	45.55	54	-8.45	74	-28.45	0-360	101	V
10	3.19219	56.72	Pk	32.6	-44.5	-	44.82	-	-	-	-	0-360	200	V
3	3.19781	54.83	Pk	32.6	-44.4	-	43.03	-	-	-	-	0-360	200	H

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

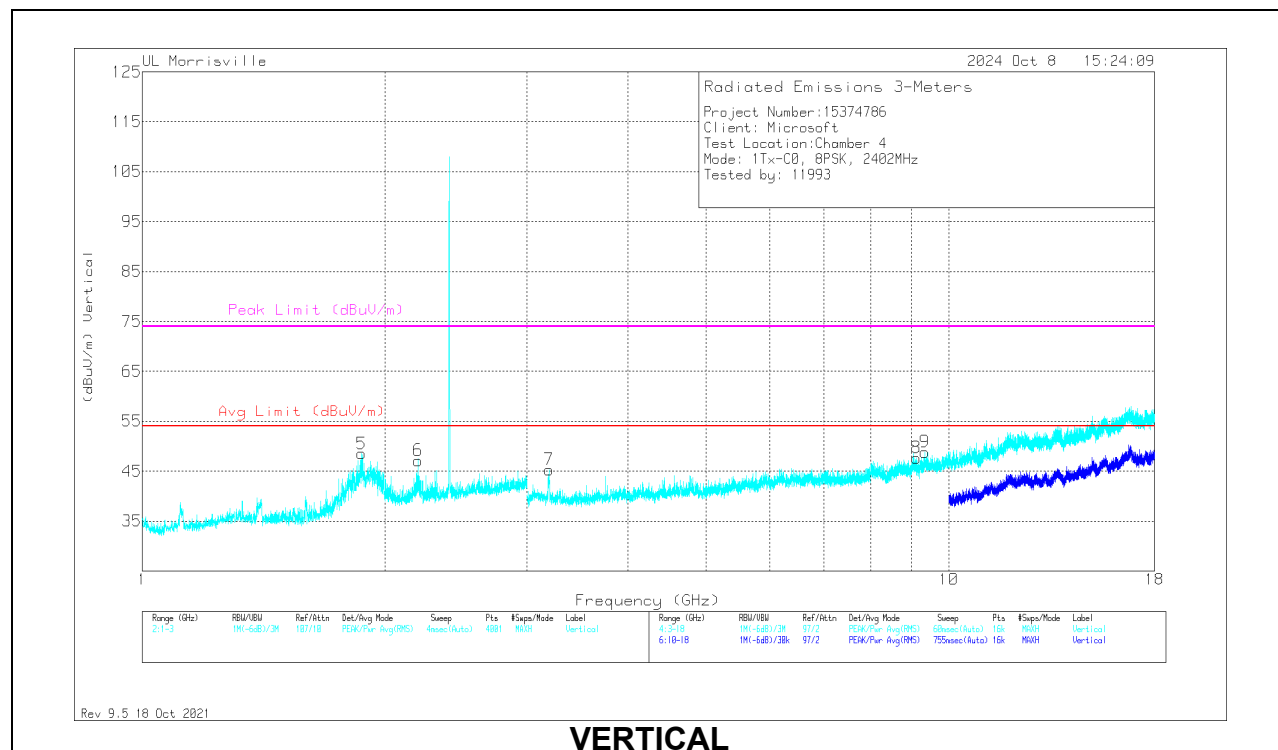
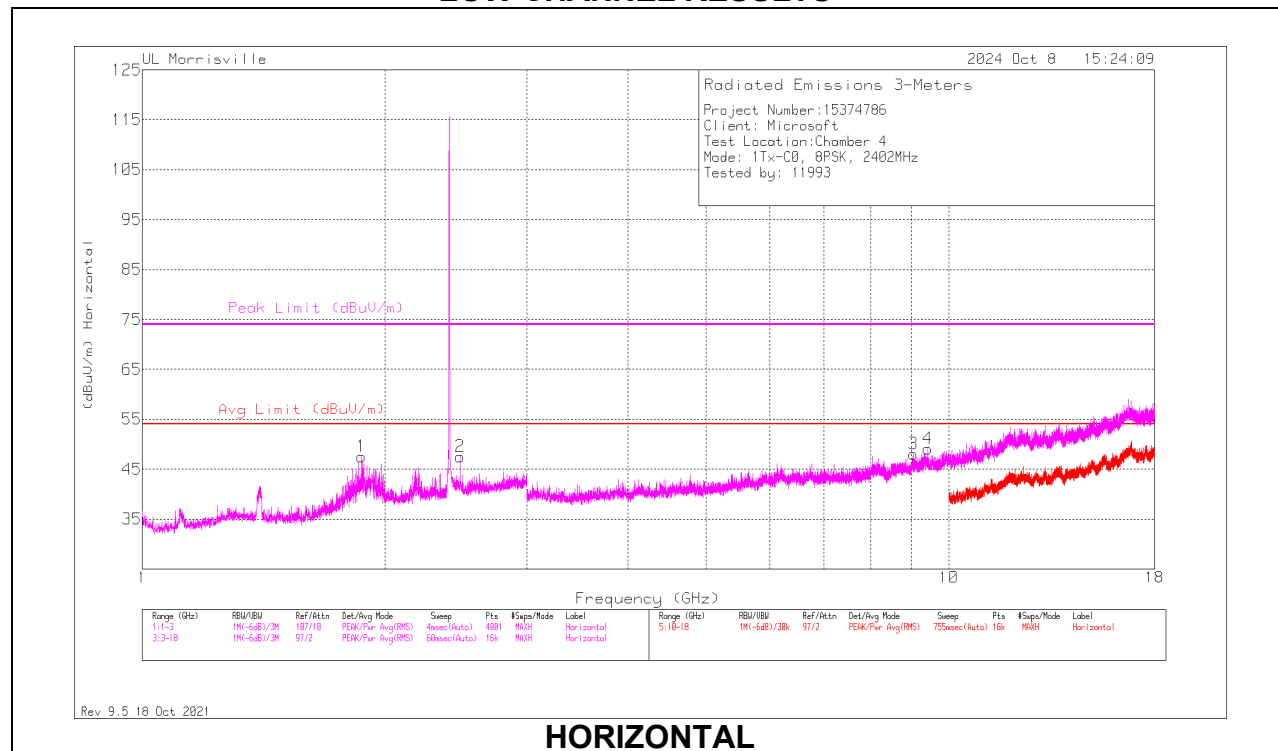
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

10.1.2. BLUETOOTH ENHANCED DATA RATE 8PSK MODULATION HARMONICS AND SPURIOUS EMISSIONS (CHAIN 0) LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.8705	40.65	Pk	30.7	-23.8	-	47.55	54	-6.45	74	-26.45	0-360	100	H
5	** 1.87038	48.14	PK2	30.7	-23.8	-	55.04	-	-	74	-18.96	297	347	V
5	** 1.87038	48.14	PK2	30.7	-23.8	-25	30.04	54	-23.96	-	-	297	347	V
3	*** 9.04327	36.57	PK2	36.2	-24	-	48.77	-	-	74	-25.23	182	106	H
3	*** 9.04327	36.57	PK2	36.2	-24	-25	23.77	54	-30.23	-	-	182	106	H
4	*** 9.42478	37.46	PK2	36.6	-25	-	49.06	-	-	74	-24.94	131	397	H
4	*** 9.42478	37.46	PK2	36.6	-25	-25	24.06	54	-29.94	-	-	131	397	H
8	*** 9.11531	35.92	Pk	36.3	-24.6	-	47.62	54	-6.38	74	-26.38	0-360	200	V
9	*** 9.34855	37.45	PK2	36.5	-24.3	-	49.65	-	-	74	-24.35	130	166	V
9	*** 9.34855	37.45	PK2	36.5	-24.3	-25	24.65	54	-29.35	-	-	130	166	V
6	2.1995	38.57	Pk	31.6	-23.1	-	47.07	-	-	-	-	0-360	200	V
2	2.479	38.06	Pk	32.3	-22.8	-	47.56	-	-	-	-	0-360	100	H
7	3.19688	46.56	Pk	32.8	-34.1	-	45.26	-	-	-	-	0-360	200	V

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

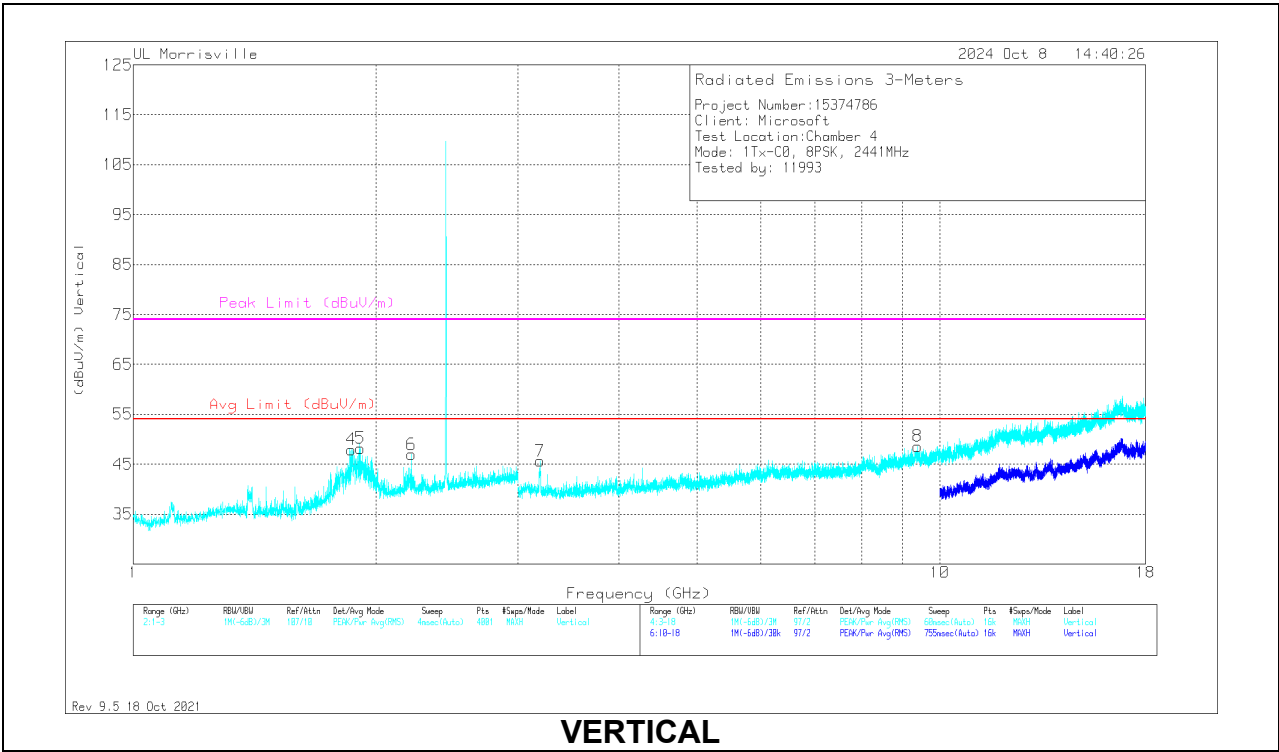
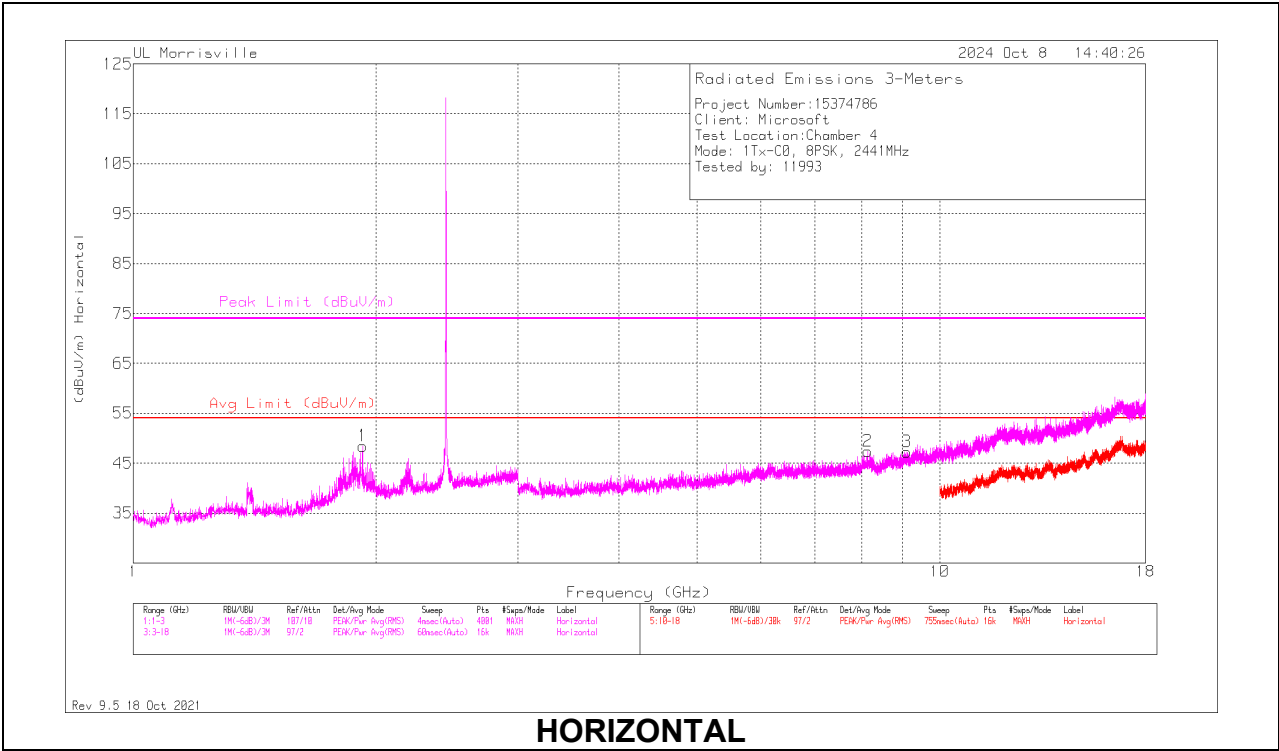
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.9228	44.68	PK2	30.6	-23.5	-	51.78	-	-	74	-22.22	186	205	H
1	** 1.9228	44.68	PK2	30.6	-23.5	-25	26.78	54	-27.22	-	-	186	205	H
4	** 1.8635	41.11	Pk	30.6	-23.8	-	47.91	54	-6.09	74	-26.09	0-360	200	V
5	** 1.9107	46.58	PK2	30.7	-23.7	-	53.58	-	-	74	-20.42	223	315	V
5	** 1.9107	46.58	PK2	30.7	-23.7	-25	28.58	54	-25.42	-	-	223	315	V
6	*** 2.2125	38.42	Pk	31.6	-23.1	-	46.92	54	-7.08	74	-27.08	0-360	200	V
2	*** 8.13938	38.53	Pk	35.8	-27	-	47.33	54	-6.67	74	-26.67	0-360	100	H
3	*** 9.10969	35.49	Pk	36.3	-24.5	-	47.29	54	-6.71	74	-26.71	0-360	100	H
8	*** 9.39445	36.98	PK2	36.6	-24.7	-	48.88	-	-	74	-25.12	201	102	V
8	*** 9.39445	36.98	PK2	36.6	-24.7	-25	23.88	54	-30.12	-	-	201	102	V
7	3.19406	46.91	Pk	32.8	-34.1	-	45.61	-	-	-	-	0-360	200	V

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

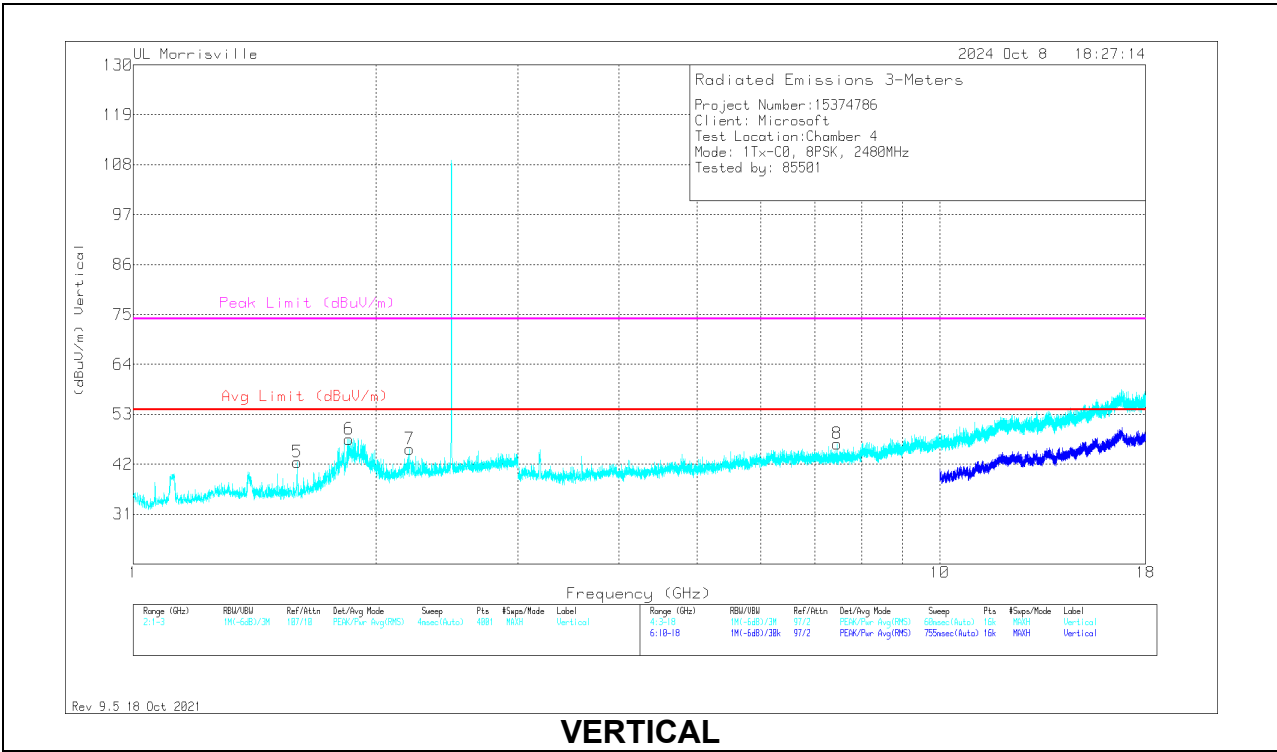
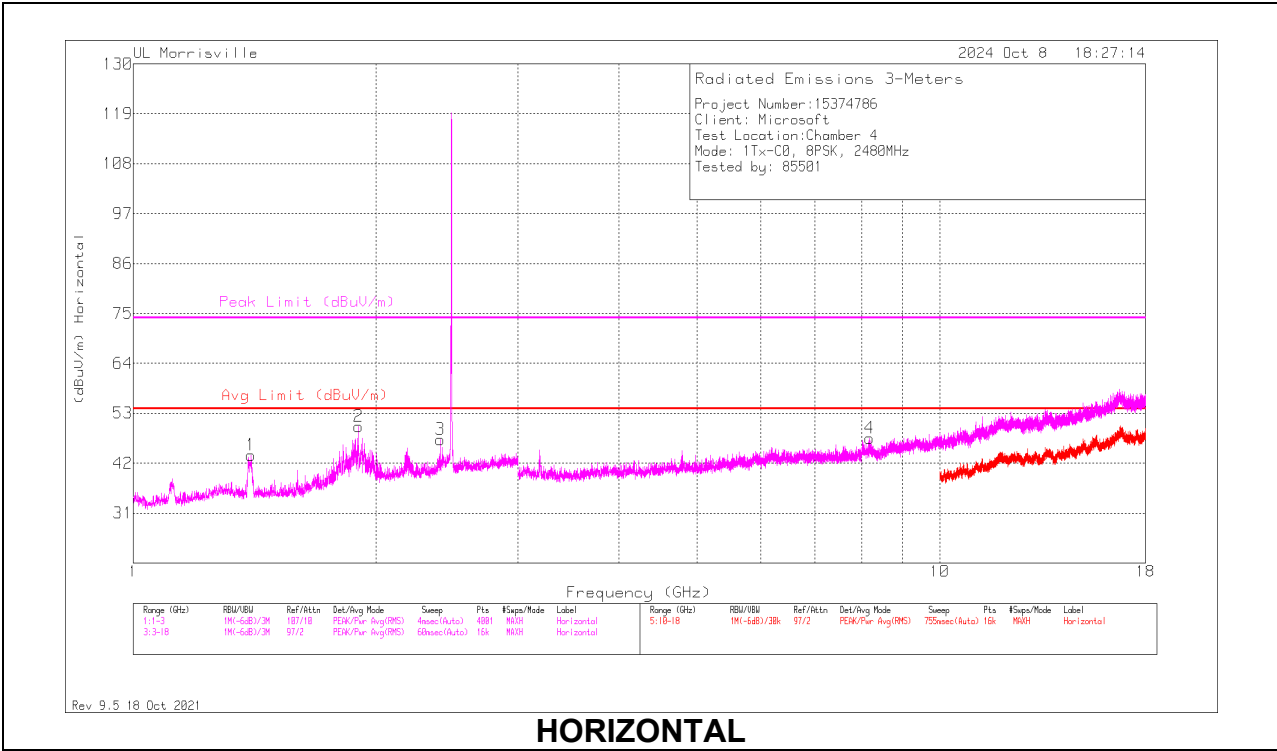
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.3995	40.21	Pk	28.2	-24.7	43.71	54	-10.29	74	-30.29	0-360	100	H
5	* ** 1.5965	38.56	Pk	28	-24.1	42.46	54	-11.54	74	-31.54	0-360	200	V
6	** 1.852	40.88	Pk	30.5	-23.9	47.48	54	-6.52	74	-26.52	0-360	200	V
7	* ** 2.2	36.79	Pk	31.6	-23.1	45.29	54	-8.71	74	-28.71	0-360	200	V
4	* ** 8.18625	37.94	Pk	35.8	-26.2	47.54	54	-6.46	74	-26.46	0-360	100	H
8	* ** 7.45594	38.43	Pk	35.7	-27.6	46.53	54	-7.47	74	-27.47	0-360	200	V
2	1.902	43.04	Pk	30.8	-23.7	50.14	-	-	-	-	0-360	100	H
3	2.404	38.32	Pk	31.9	-23	47.22	-	-	-	-	0-360	100	H

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

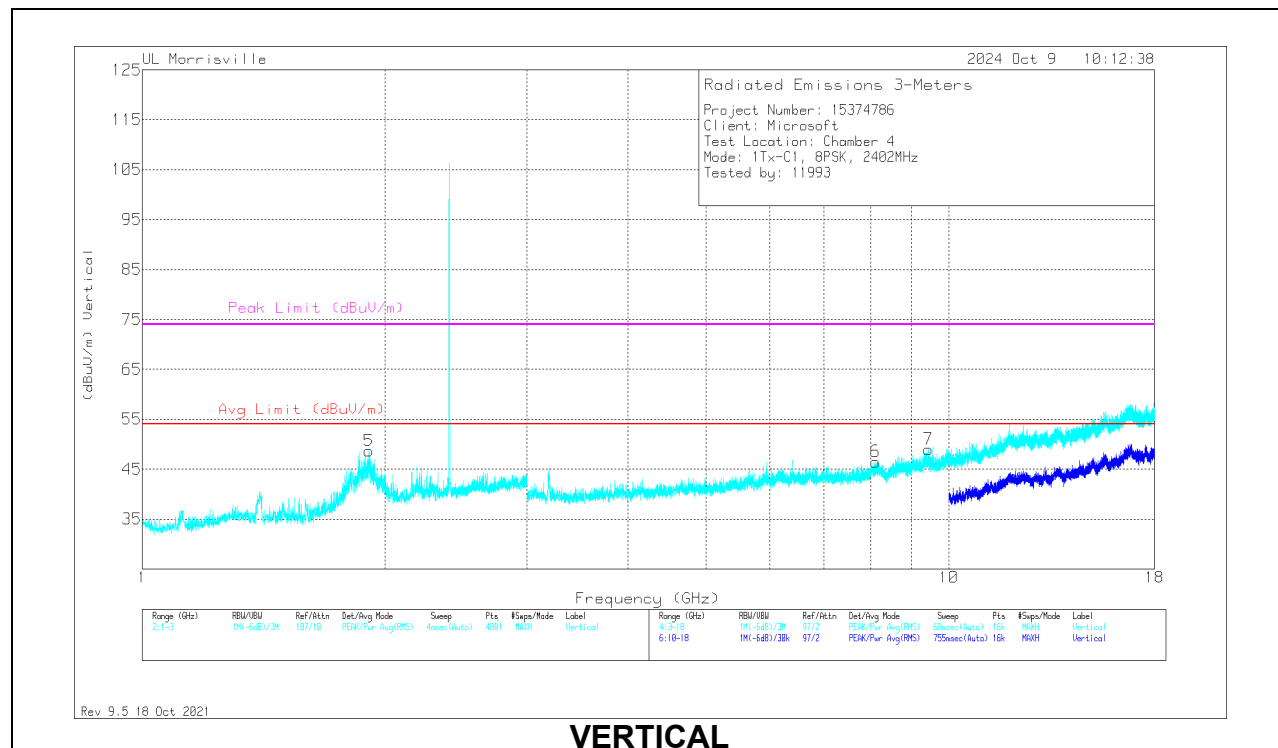
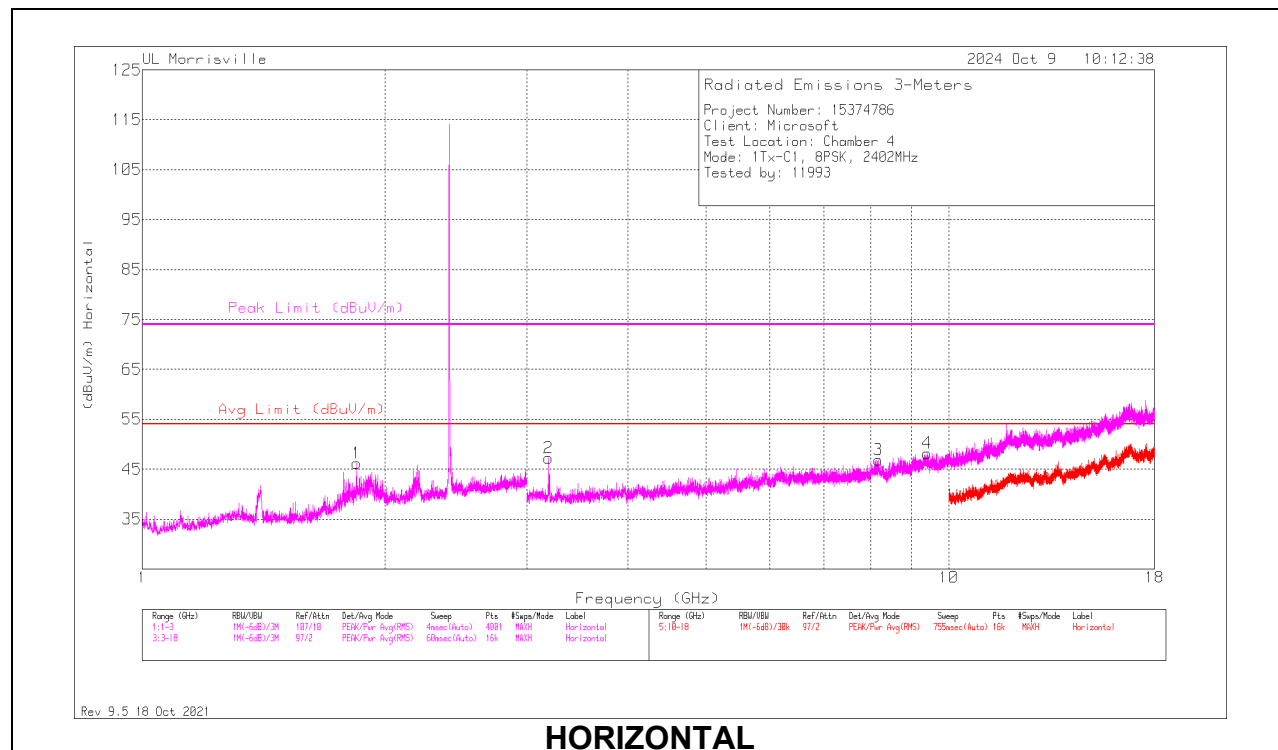
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

HARMONICS AND SPURIOUS EMISSIONS (CHAIN 1)

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.8445	39.64	Pk	30.4	-23.9	-	46.14	54	-7.86	74	-27.86	0-360	100	H
5	** 1.90897	46.72	PK2	30.7	-23.7	-	53.72	-	-	74	-20.28	297	354	V
5	** 1.90897	46.72	PK2	30.7	-23.7	-25	28.72	54	-25.28	-	-	297	354	V
3	*** 8.17875	37.3	Pk	35.8	-26.3	-	46.8	54	-7.2	74	-27.2	0-360	100	H
4	*** 9.41001	37.29	PK2	36.6	-25.2	-	48.69	-	-	74	-25.31	222	378	H
4	*** 9.41001	37.29	PK2	36.6	-25.2	-25	23.69	54	-30.31	-	-	222	378	H
6	*** 8.11875	37.4	Pk	35.8	-26.7	-	46.5	54	-7.5	74	-27.5	0-360	200	V
7	*** 9.44396	36.97	PK2	36.7	-25.1	-	48.57	-	-	74	-25.43	358	278	V
7	*** 9.44396	36.97	PK2	36.7	-25.1	-25	23.57	54	-30.43	-	-	358	278	V
2	3.18938	48.49	Pk	32.8	-34.1	-	47.19	-	-	-	-	0-360	100	H

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

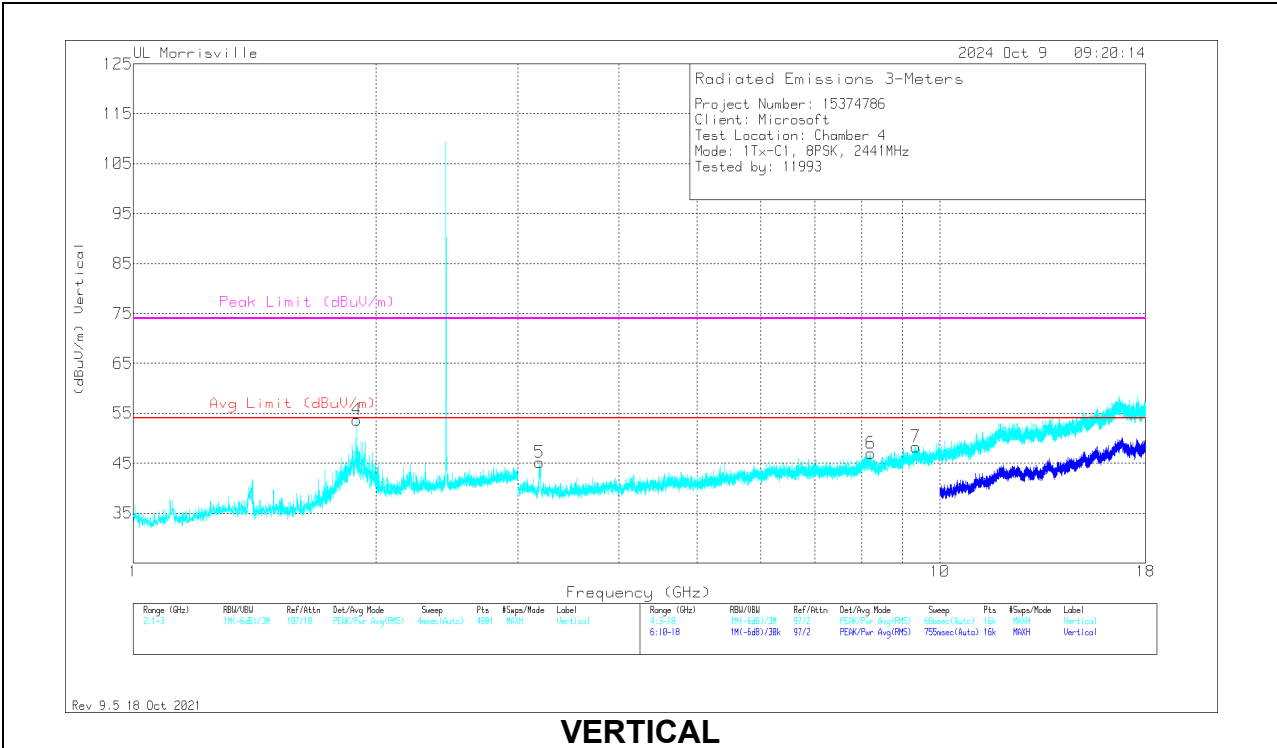
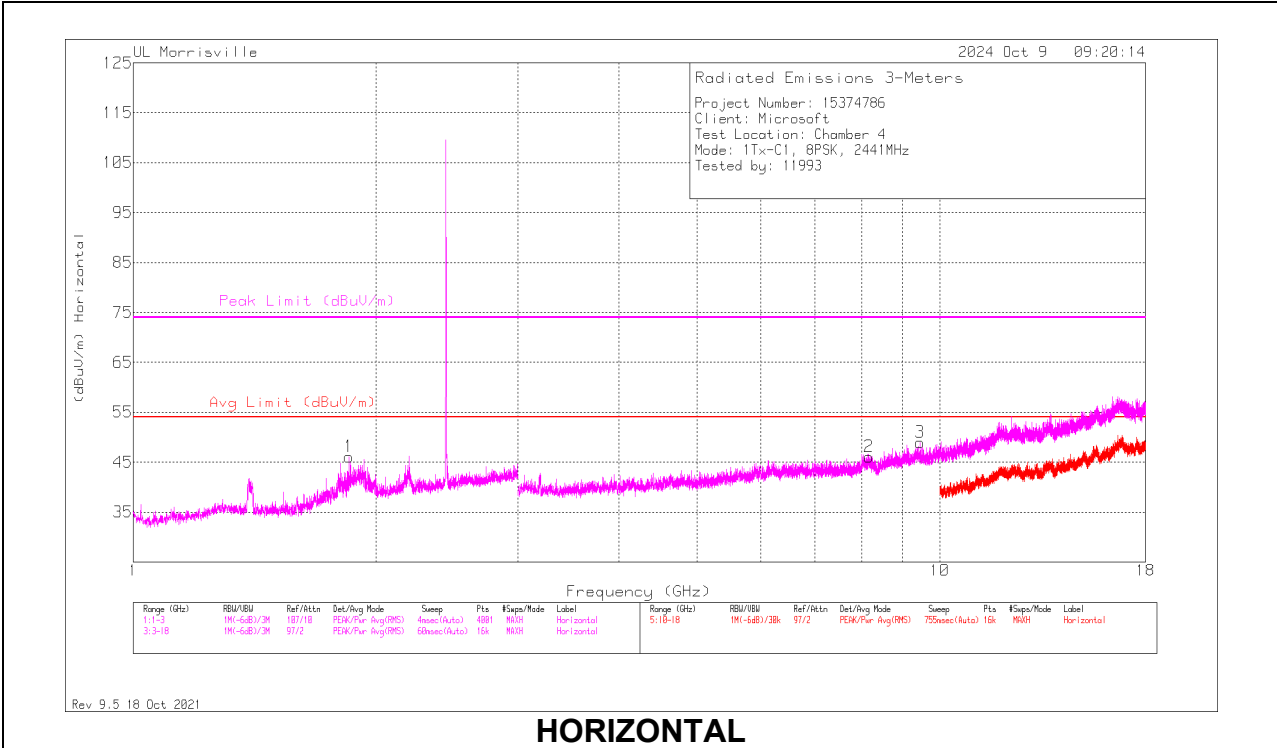
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.851	39.44	Pk	30.5	-23.9	-	46.04	54	-7.96	74	-27.96	0-360	100	H
4	** 1.89314	47.93	PK2	30.7	-23.6	-	55.03	-	-	74	-18.97	317	228	V
4	** 1.89314	47.93	PK2	30.7	-23.6	-25	30.03	54	-23.97	-	-	317	228	V
2	*** 8.17594	36.7	Pk	35.8	-26.4	-	46.1	54	-7.9	74	-27.9	0-360	100	H
3	*** 9.45751	37.02	PK2	36.7	-25.5	-	48.22	-	-	74	-25.78	74	147	H
3	*** 9.45751	37.02	PK2	36.7	-25.5	-25	23.22	54	-30.78	-	-	74	147	H
6	*** 8.20875	37.51	Pk	35.8	-26.3	-	47.01	54	-6.99	74	-26.99	0-360	200	V
7	*** 9.35167	37.16	PK2	36.5	-24.4	-	49.26	-	-	74	-24.74	74	147	V
7	*** 9.35167	37.16	PK2	36.5	-24.4	-25	24.26	54	-29.74	-	-	74	147	V
5	3.19125	46.5	Pk	32.8	-34.1	-	45.2	-	-	-	-	0-360	200	V

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

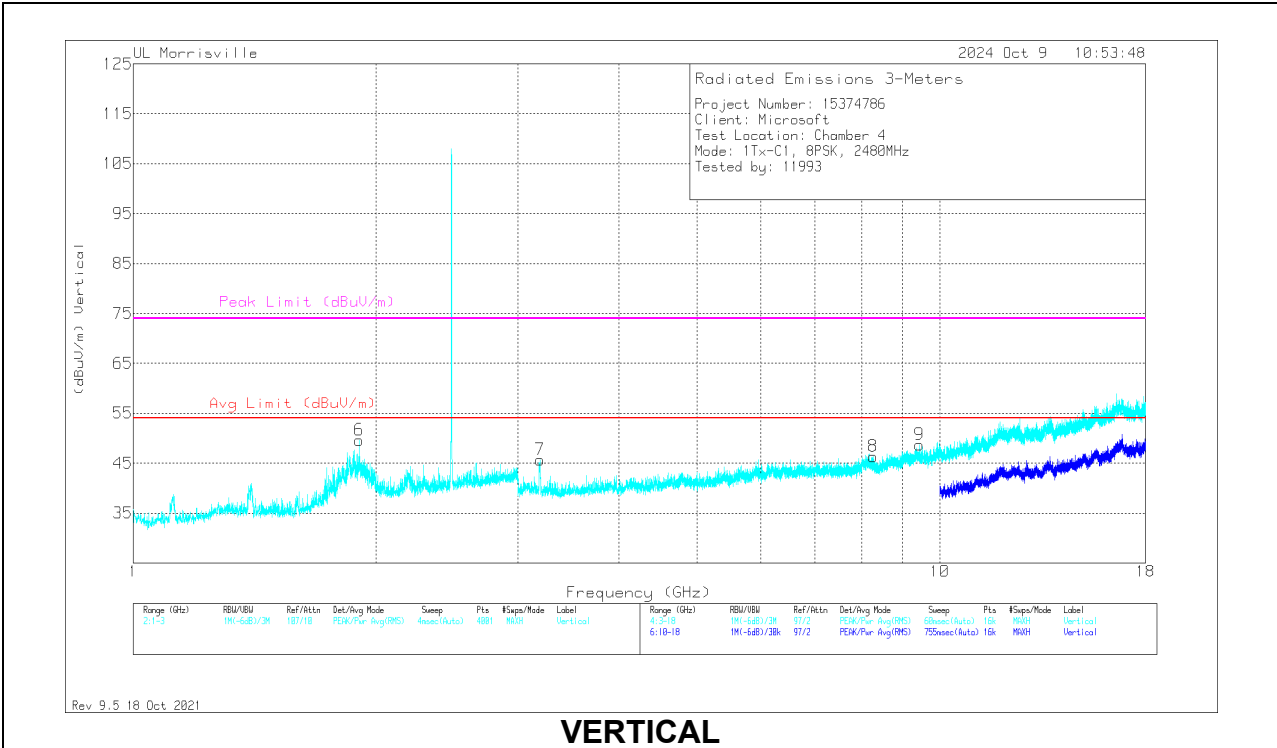
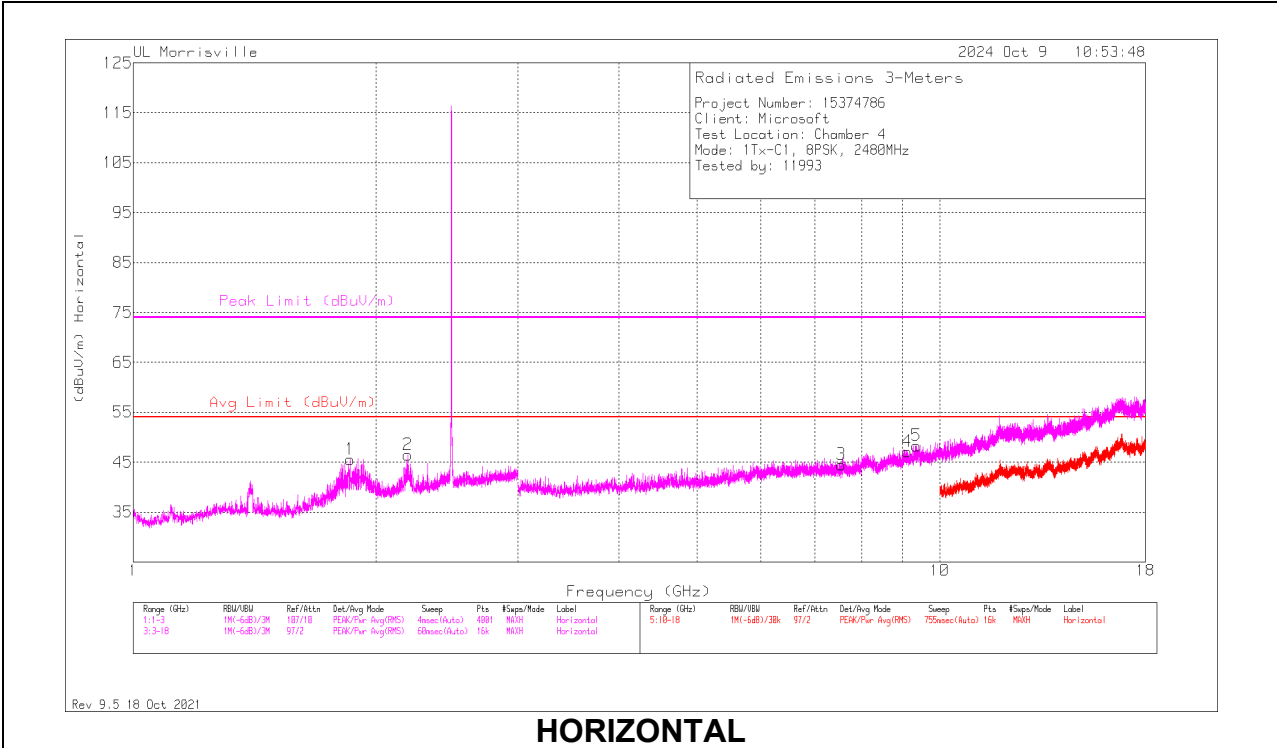
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.857	38.84	Pk	30.6	-23.9	-	45.54	54	-8.46	74	-28.46	0-360	100	H
3	*** 7.54875	36.27	Pk	35.7	-27.5	-	44.47	54	-9.53	74	-29.53	0-360	100	H
4	*** 9.1275	35.5	Pk	36.3	-24.7	-	47.1	54	-6.9	74	-26.9	0-360	100	H
5	*** 9.35761	37.21	PK2	36.5	-24.5	-	49.21	-	-	74	-24.79	347	197	H
5	*** 9.35761	37.21	PK2	36.5	-24.5	-25	24.21	54	-29.79	-	-	347	197	H
8	*** 8.2725	36.98	Pk	35.8	-26.4	-	46.38	54	-7.62	74	-27.62	0-360	200	V
9	*** 9.44628	37.65	PK2	36.7	-25.1	-	49.25	-	-	74	-24.75	323	382	V
9	*** 9.44628	37.65	PK2	36.7	-25.1	-25	24.25	54	-29.75	-	-	323	382	V
6	1.9045	42.49	Pk	30.8	-23.7	-	49.59	-	-	-	-	0-360	200	V
2	2.189	38.07	Pk	31.6	-23.2	-	46.47	-	-	-	-	0-360	100	H
7	3.19688	46.99	Pk	32.8	-34.1	-	45.69	-	-	-	-	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

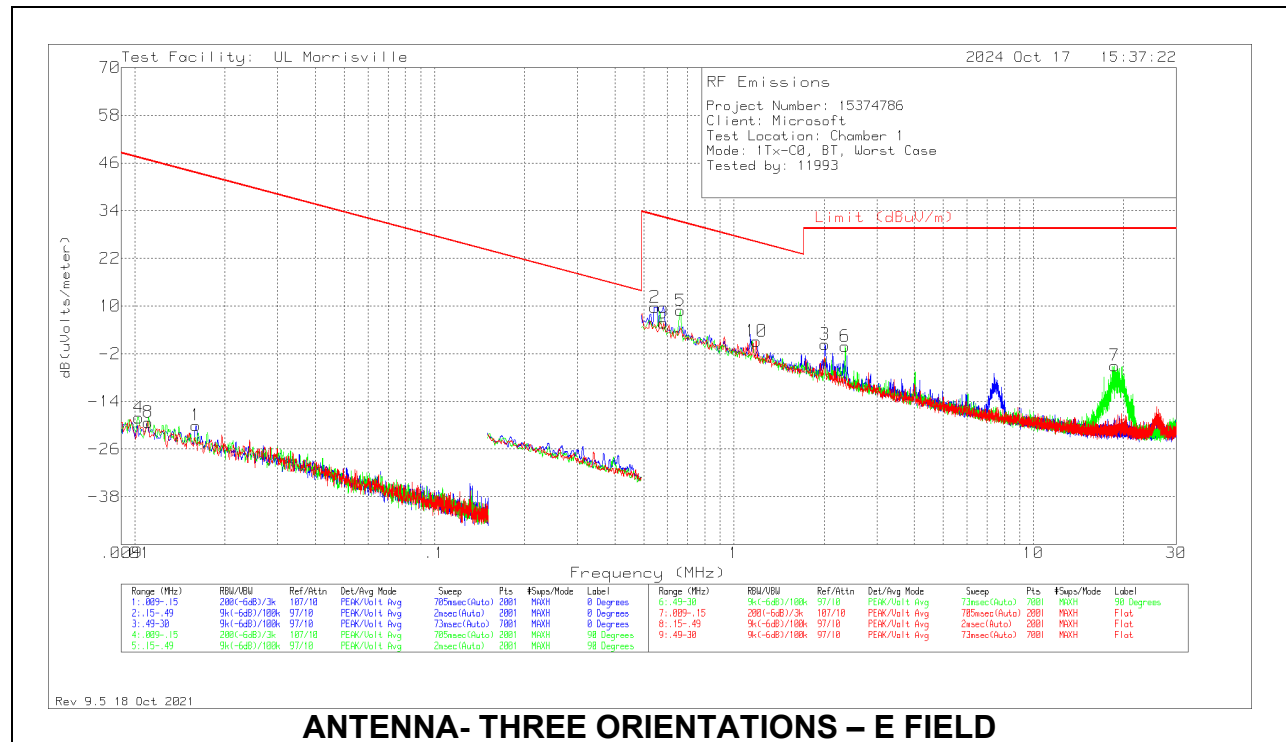
NOTE: Average measurement not included in the tabular data since the average measurement is made by applying the protocol limited duty cycle correction factor of -25 dB to the peak measurements.

10.2. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

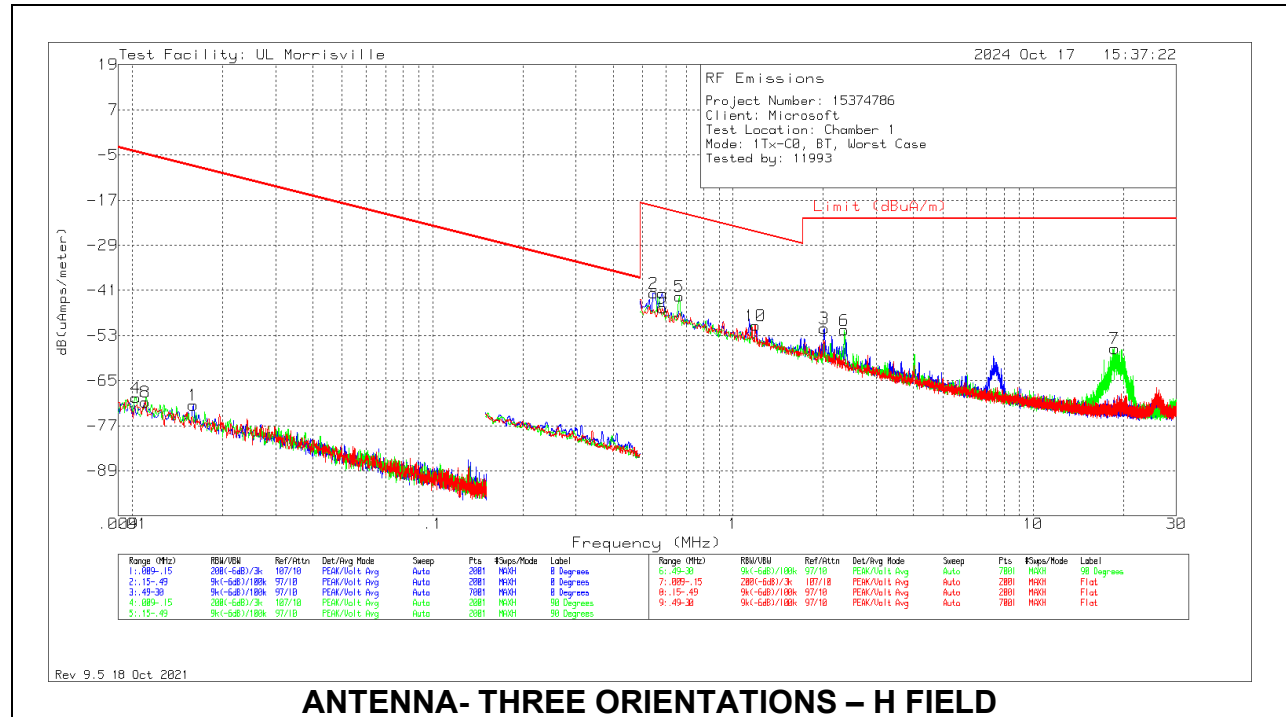
Note: All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz – 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were 40*Log (test distance / specification distance).

10.2.1. CHAIN 0



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.01028	43.71	Pk	18.1	.1	-80	-18.09	47.37	67.37	-65.46	0-360	90 degs
8	.01106	42.97	Pk	17.7	.1	-80	-19.23	46.73	66.73	-65.96	0-360	Flat
1	.01596	44.3	Pk	15.6	.1	-80	-20	43.55	63.55	-63.55	0-360	0 degs
2	.54481	38.63	Pk	11	.1	-40	9.73	32.88	-	-23.15	0-360	0 degs
9	.58275	34.68	Pk	11	.1	-40	5.78	32.29	-	-26.51	0-360	Flat
5	.66286	37.78	Pk	11	.1	-40	8.88	31.18	-	-22.3	0-360	90 degs
10	1.18986	29.95	Pk	11	.2	-40	1.15	26.09	-	-24.94	0-360	Flat
3	2.01619	29.05	Pk	11.1	.2	-40	.35	29.54	-	-29.19	0-360	0 degs
6	2.34926	28.6	Pk	11.1	.2	-40	-.1	29.54	-	-29.64	0-360	90 degs
7	18.66096	25.14	Pk	9.2	.7	-40	-4.96	29.54	-	-34.5	0-360	90 degs

Pk - Peak detector

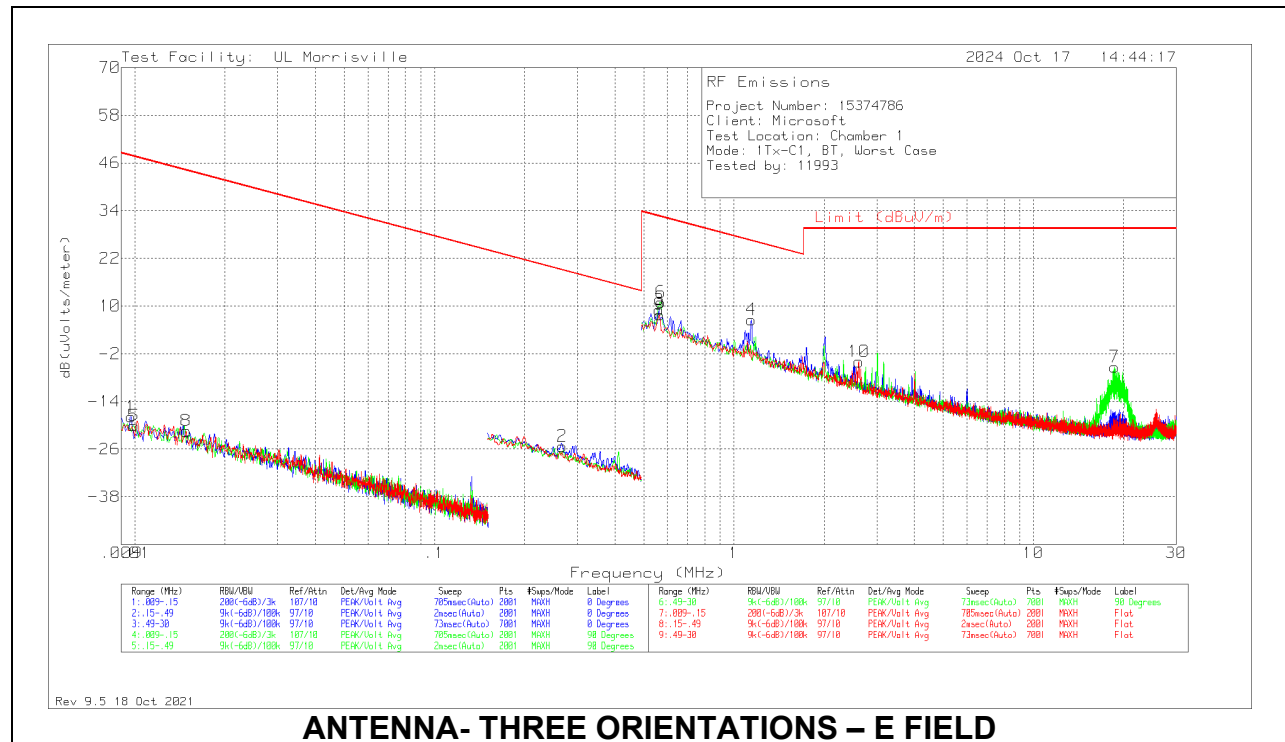


ANTENNA- THREE ORIENTATIONS – H FIELD

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.01028	43.71	Pk	-33.4	.1	-80	-69.59	-4.13	15.87	-65.46	0-360	90 degs
8	.01106	42.97	Pk	-33.8	.1	-80	-70.73	-4.77	15.23	-65.96	0-360	Flat
1	.01596	44.3	Pk	-35.9	.1	-80	-71.5	-7.95	12.05	-63.55	0-360	0 degs
2	.54481	38.63	Pk	-40.5	.1	-40	-41.77	-18.62	-	-23.15	0-360	0 degs
9	.58275	34.68	Pk	-40.5	.1	-40	-45.72	-19.21	-	-26.51	0-360	Flat
5	.66286	37.78	Pk	-40.5	.1	-40	-42.62	-20.32	-	-22.3	0-360	90 degs
10	1.18986	29.95	Pk	-40.5	.2	-40	-50.35	-25.41	-	-24.94	0-360	Flat
3	2.01619	29.05	Pk	-40.4	.2	-40	-51.15	-21.96	-	-29.19	0-360	0 degs
6	2.34926	28.6	Pk	-40.4	.2	-40	-51.6	-21.96	-	-29.64	0-360	90 degs
7	18.66096	25.14	Pk	-42.3	.7	-40	-56.46	-21.96	-	-34.5	0-360	90 degs

Pk - Peak detector

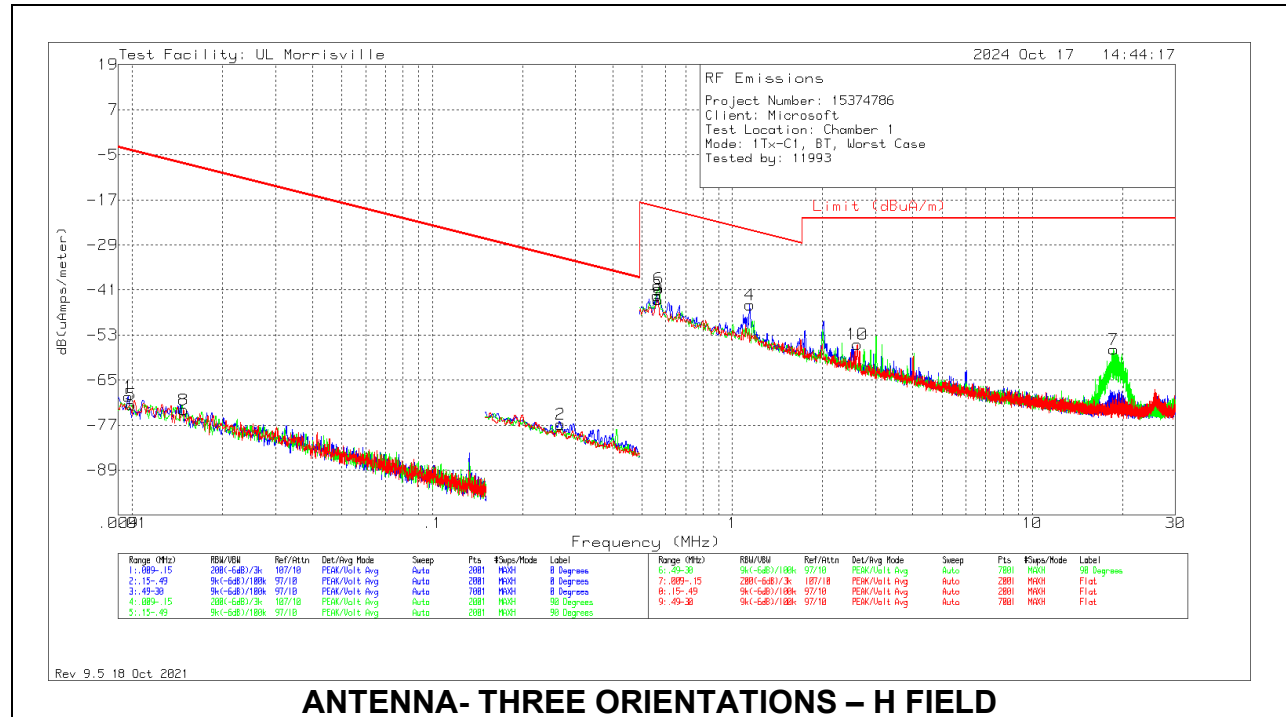
10.2.2. CHAIN 1



ANTENNA- THREE ORIENTATIONS – E FIELD

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.00971	43.51	Pk	18.5	.1	-80	-17.89	47.86	67.86	-65.75	0-360	0 degs
5	.00992	41.52	Pk	18.3	.1	-80	-20.08	47.67	67.67	-67.75	0-360	90 degs
8	.01482	42.38	Pk	16.1	.1	-80	-21.42	44.19	64.19	-65.61	0-360	Flat
2	.26764	43.73	Pk	10.9	.1	-80	-25.27	19.05	39.05	-44.32	0-360	0 degs
3	.56167	37.92	Pk	11	.1	-40	9.02	32.61	-	-23.59	0-360	0 degs
9	.56589	36.75	Pk	11	.1	-40	7.85	32.55	-	-24.7	0-360	Flat
6	.5701	39.87	Pk	11	.1	-40	10.97	32.48	-	-21.51	0-360	90 degs
4	1.14348	35.46	Pk	11	.1	-40	6.56	26.44	-	-19.88	0-360	0 degs
10	2.61065	24.7	Pk	11.1	.2	-40	-4	29.54	-	-33.54	0-360	Flat
7	18.66939	24.76	Pk	9.2	.7	-40	-5.34	29.54	-	-34.88	0-360	90 degs

Pk - Peak detector

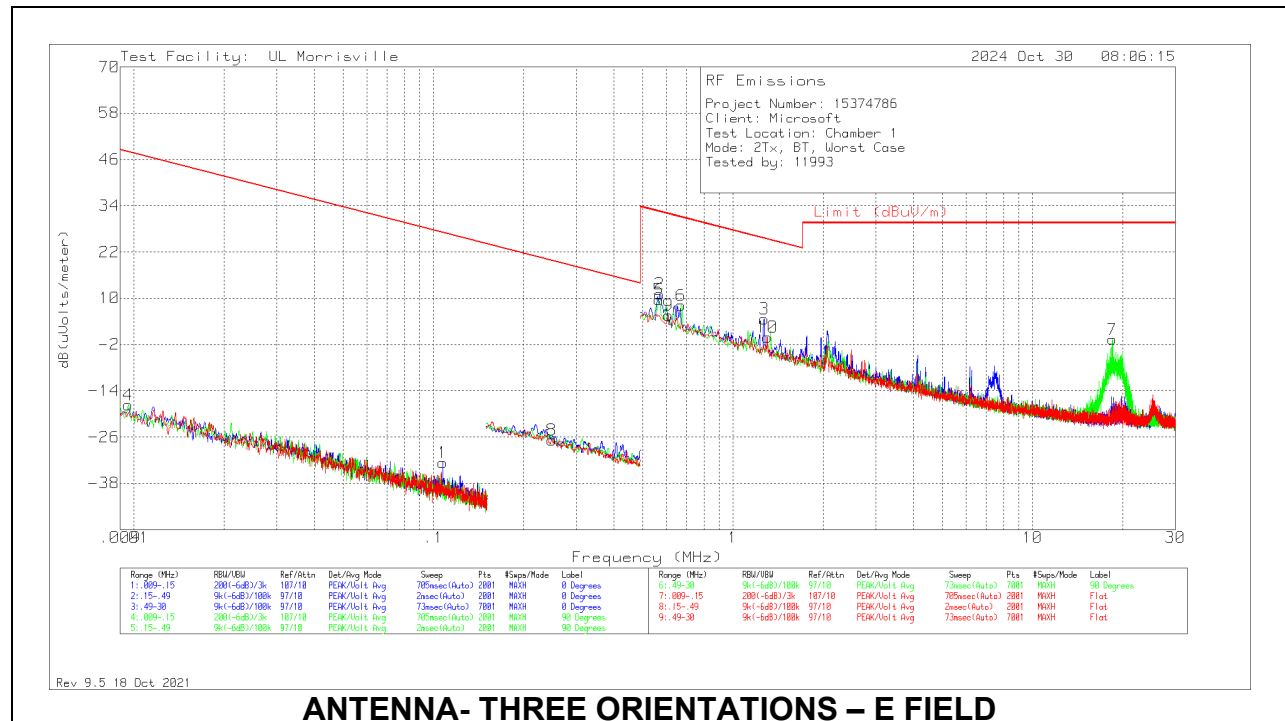


ANTENNA- THREE ORIENTATIONS – H FIELD

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.00971	43.51	Pk	-33	.1	-80	-69.39	-3.64	16.36	-65.75	0-360	0 degs
5	.00992	41.52	Pk	-33.2	.1	-80	-71.58	-3.83	16.17	-67.75	0-360	90 degs
8	.01482	42.38	Pk	-35.4	.1	-80	-72.92	-7.31	12.69	-65.61	0-360	Flat
2	.26764	43.73	Pk	-40.6	.1	-80	-76.77	-32.45	-12.45	-44.32	0-360	0 degs
3	.56167	37.92	Pk	-40.5	.1	-40	-42.48	-18.89	-	-23.59	0-360	0 degs
9	.56589	36.75	Pk	-40.5	.1	-40	-43.65	-18.95	-	-24.7	0-360	Flat
6	.5701	39.87	Pk	-40.5	.1	-40	-40.53	-19.02	-	-21.51	0-360	90 degs
4	1.14348	35.46	Pk	-40.5	.1	-40	-44.94	-25.06	-	-19.88	0-360	0 degs
10	2.61065	24.7	Pk	-40.4	.2	-40	-55.5	-21.96	-	-33.54	0-360	Flat
7	18.66939	24.76	Pk	-42.3	.7	-40	-56.84	-21.96	-	-34.88	0-360	90 degs

Pk - Peak detector

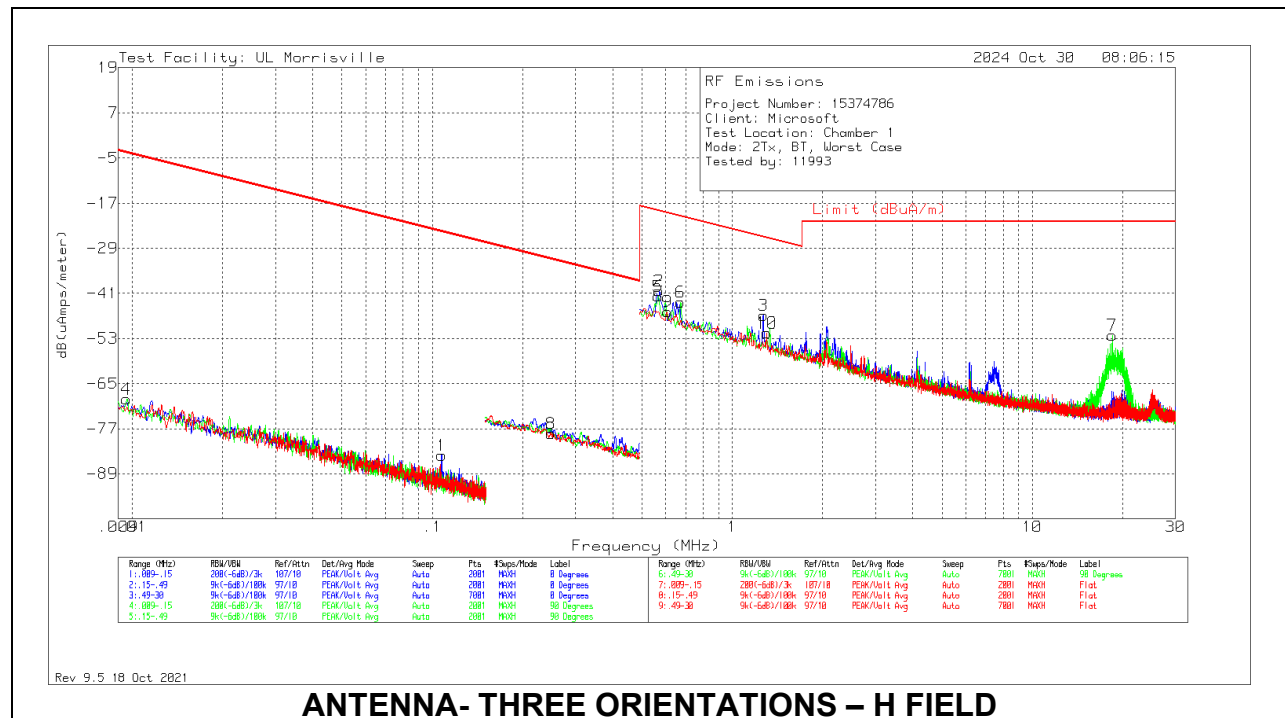
10.2.3. 2TX MIMO



ANTENNA- THREE ORIENTATIONS – E FIELD

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00957	43.68	Pk	18.6	.1	-80	-17.62	47.99	67.99	-65.61	0-360	90 degs
1	.10762	36.21	Pk	11.1	.1	-80	-32.59	26.97	-	-59.56	0-360	0 degs
8	.24877	42.25	Pk	10.9	.1	-80	-26.75	19.69	39.69	-46.44	0-360	Flat
5	.56589	38.61	Pk	11	.1	-40	9.71	32.55	-	-22.84	0-360	90 degs
2	.5701	40.08	Pk	11	.1	-40	11.18	32.48	-	-21.3	0-360	0 degs
9	.60805	34.53	Pk	11	.1	-40	5.63	31.93	-	-26.3	0-360	Flat
6	.67129	37.02	Pk	11	.1	-40	8.12	31.07	-	-22.95	0-360	90 degs
3	1.26996	33.47	Pk	11	.2	-40	4.67	25.53	-	-20.86	0-360	0 degs
10	1.30369	28.74	Pk	11	.2	-40	-.06	25.3	-	-25.36	0-360	Flat
7	18.47967	29.42	Pk	9.2	.7	-40	-.68	29.54	-	-30.22	0-360	90 degs

Pk - Peak detector



ANTENNA- THREE ORIENTATIONS – H FIELD

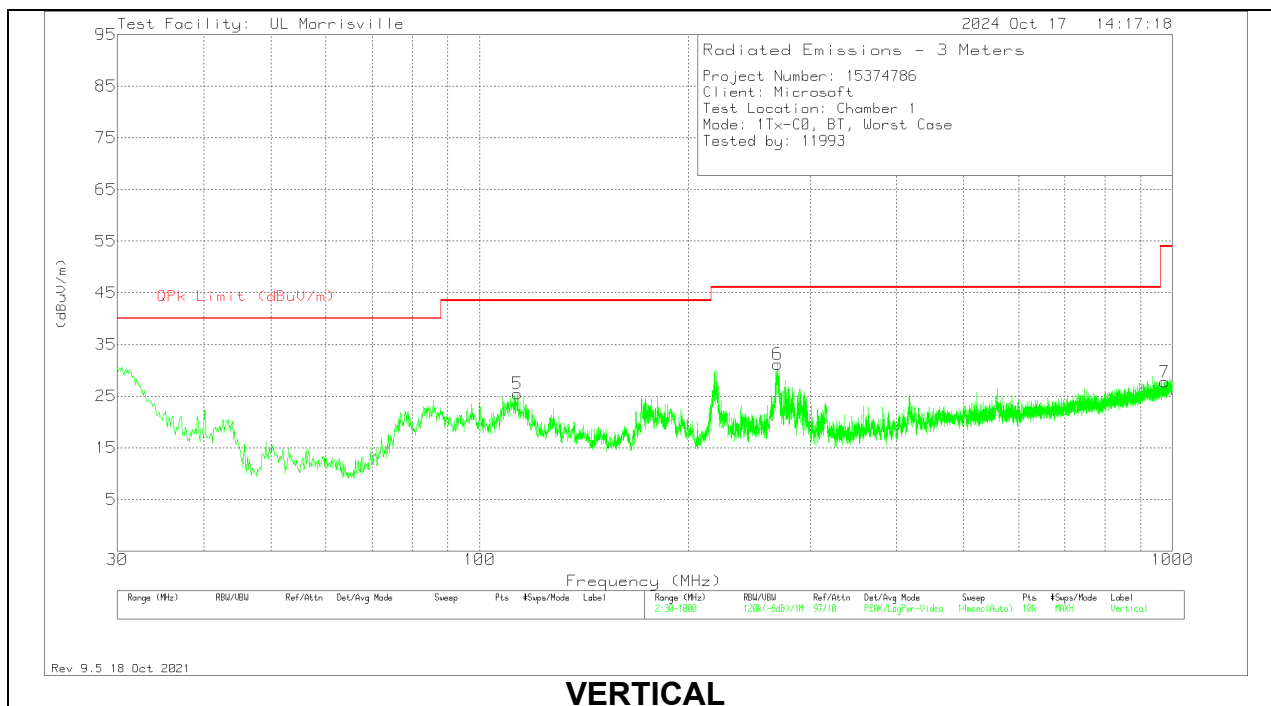
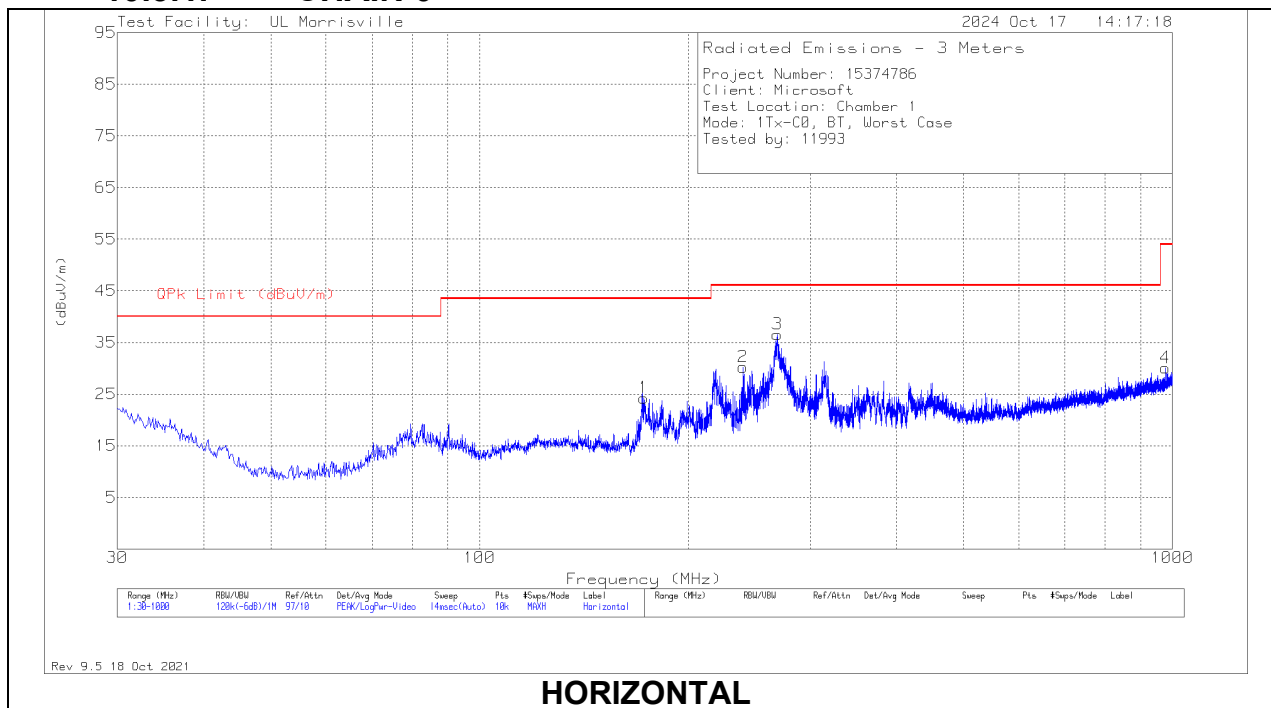
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00957	43.68	Pk	-32.9	.1	-80	-69.12	-3.51	16.49	-65.61	0-360	90 degs
1	.10762	36.21	Pk	-40.4	.1	-80	-84.09	-24.53	-	-59.56	0-360	0 degs
8	.24877	42.25	Pk	-40.6	.1	-80	-78.25	-31.81	-11.81	-46.44	0-360	Flat
5	.56589	38.61	Pk	-40.5	.1	-40	-41.79	-18.95	-	-22.84	0-360	90 degs
2	.5701	40.08	Pk	-40.5	.1	-40	-40.32	-19.02	-	-21.3	0-360	0 degs
9	.60805	34.53	Pk	-40.5	.1	-40	-45.87	-19.57	-	-26.3	0-360	Flat
6	.67129	37.02	Pk	-40.5	.1	-40	-43.38	-20.43	-	-22.95	0-360	90 degs
3	1.26996	33.47	Pk	-40.5	.2	-40	-46.83	-25.97	-	-20.86	0-360	0 degs
10	1.30369	28.74	Pk	-40.5	.2	-40	-51.56	-26.2	-	-25.36	0-360	Flat
7	18.47967	29.42	Pk	-42.3	.7	-40	-52.18	-21.96	-	-30.22	0-360	90 degs

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHZ

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

10.3.1. CHAIN 0



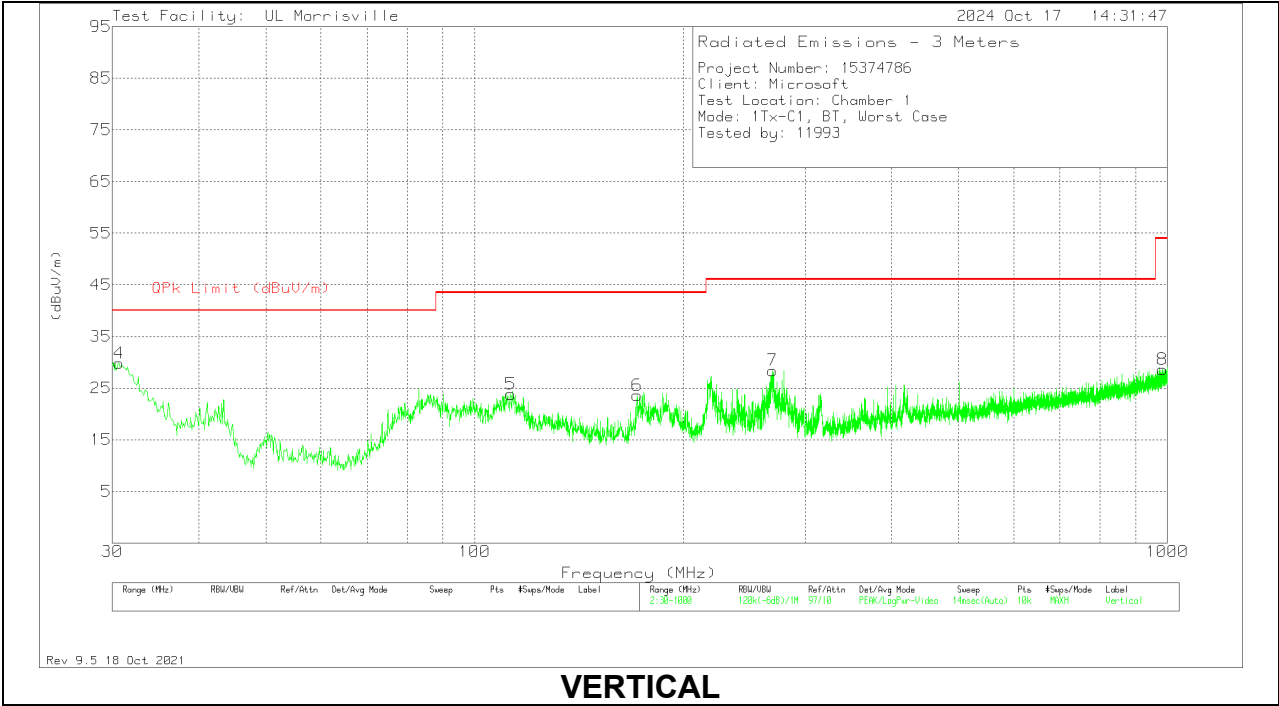
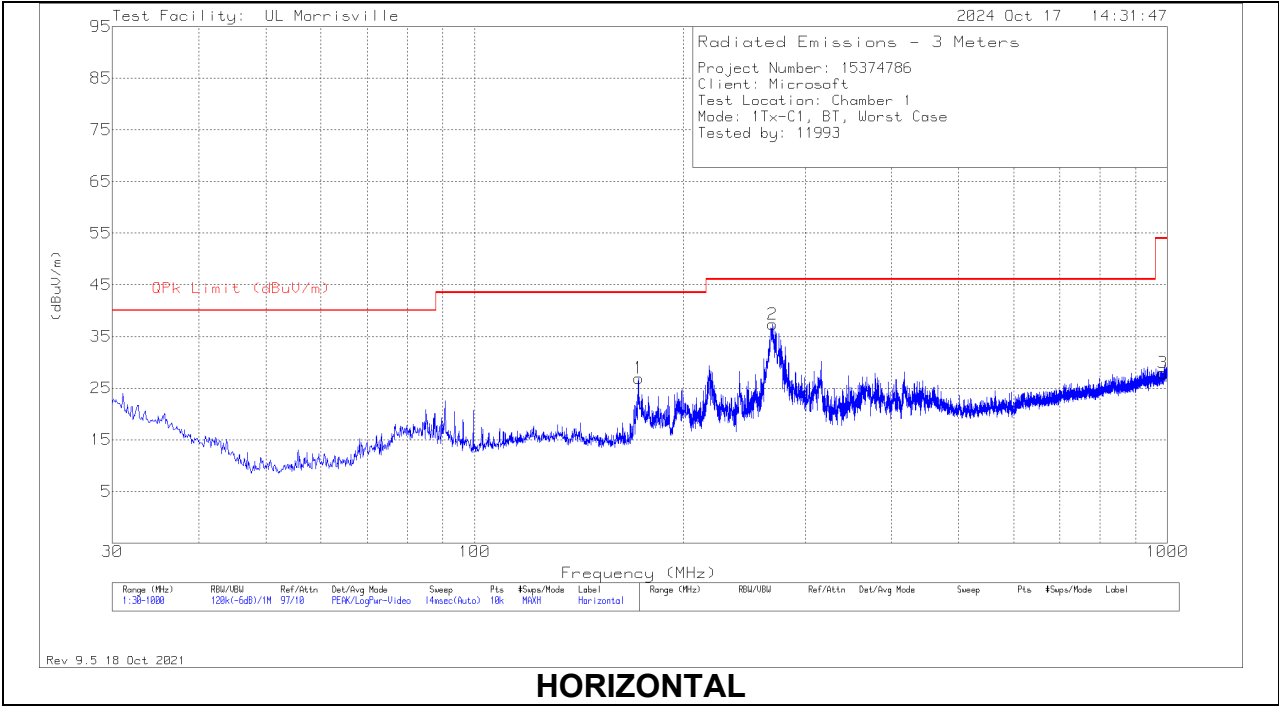
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 172.59	36.98	Pk	17.9	-30.6	24.28	43.52	-19.24	0-360	100	H
2	* ** 240.102	42.25	Pk	17.6	-29.6	30.25	46.02	-15.77	0-360	100	H
3	* ** 269.105	46.67	Pk	19.2	-29.3	36.57	46.02	-9.45	0-360	100	H
4	* ** 977.593	26.57	Pk	29.1	-25.6	30.07	53.97	-23.9	0-360	100	H
5	* ** 113.517	36.94	Pk	19.3	-30.8	25.44	43.52	-18.08	0-360	100	V
6	* ** 269.202	41.3	Pk	19.2	-29.3	31.2	46.02	-14.82	0-360	100	V
7	* ** 975.362	24.72	Pk	29	-26	27.72	53.97	-26.25	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

10.3.2. CHAIN 1



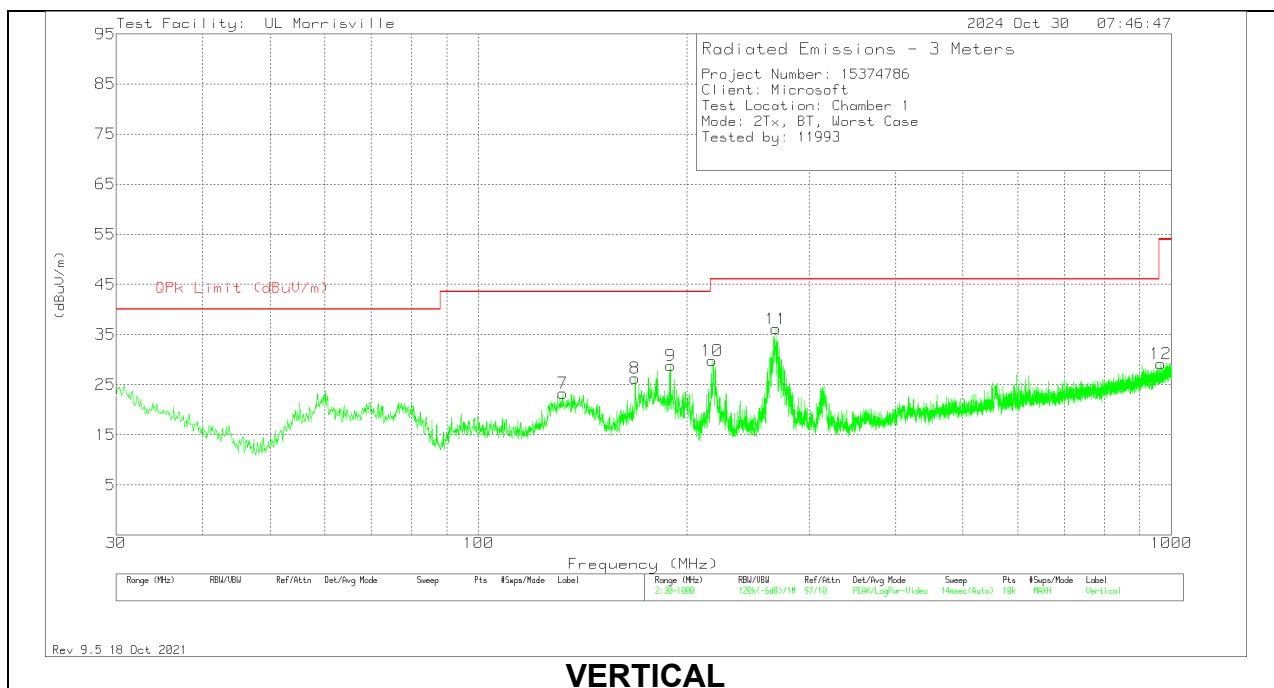
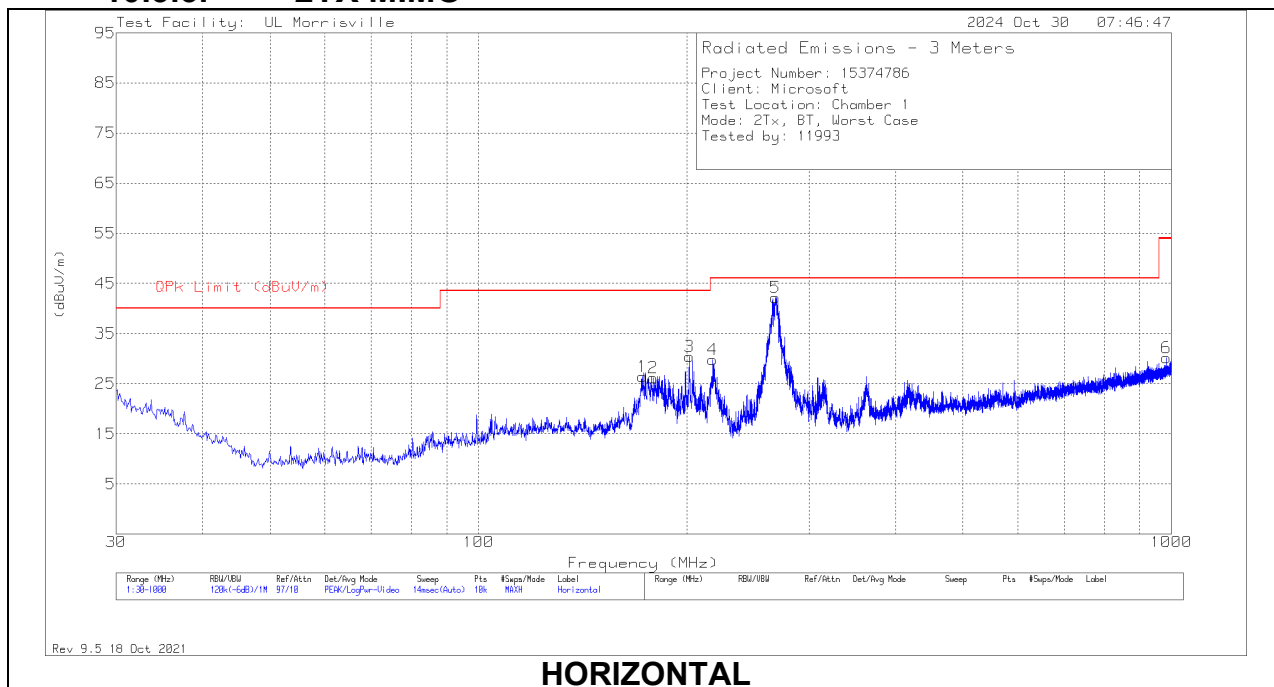
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 172.493	39.72	Pk	17.9	-30.7	26.92	43.52	-16.6	0-360	200	H
2	* ** 269.299	47.57	Pk	19.2	-29.4	37.37	46.02	-8.65	0-360	300	H
3	* ** 985.353	24.44	Pk	29.3	-25.8	27.94	53.97	-26.03	0-360	300	H
5	* ** 112.838	35.2	Pk	19.2	-30.6	23.8	43.52	-19.72	0-360	100	V
6	* ** 171.717	36.21	Pk	18	-30.6	23.61	43.52	-19.91	0-360	100	V
7	* ** 269.202	38.52	Pk	19.2	-29.3	28.42	46.02	-17.6	0-360	100	V
8	* ** 984.189	25.11	Pk	29.3	-25.8	28.61	53.97	-25.36	0-360	100	V
4	30.679	35.22	Pk	26.4	-31.8	29.82	-	-	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

10.3.3. 2TX MIMO



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	* ** 172.493	39.19	Pk	17.9	-30.7	26.39	43.52	-17.13	0-360	299	H
5	* ** 266.933	47.65	Qp	19	-29.6	37.05	46.02	-8.97	210	121	H
6	* ** 983.413	26.42	Pk	29.3	-25.6	30.12	53.97	-23.85	0-360	400	H
7	* ** 132.335	33.85	Pk	19.9	-30.5	23.25	43.52	-20.27	0-360	100	V
8	* ** 168.225	38.62	Pk	18.2	-30.5	26.32	43.52	-17.2	0-360	100	V
11	* ** 268.814	46.12	Pk	19.2	-29.2	36.12	46.02	-9.9	0-360	100	V
12	* ** 964.304	26.12	Pk	29	-26	29.12	53.97	-24.85	0-360	100	V
2	178.701	38.97	Pk	17.6	-30.4	26.17	-	-	0-360	200	H
9	189.371	41.34	Pk	17.8	-30.3	28.84	-	-	0-360	100	V
3	201.399	41.8	Pk	18.9	-30.3	30.4	-	-	0-360	98	H
10	217.113	42.95	Pk	16.8	-30	29.75	-	-	0-360	100	V
4	217.889	42.72	Pk	16.8	-29.7	29.82	-	-	0-360	98	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

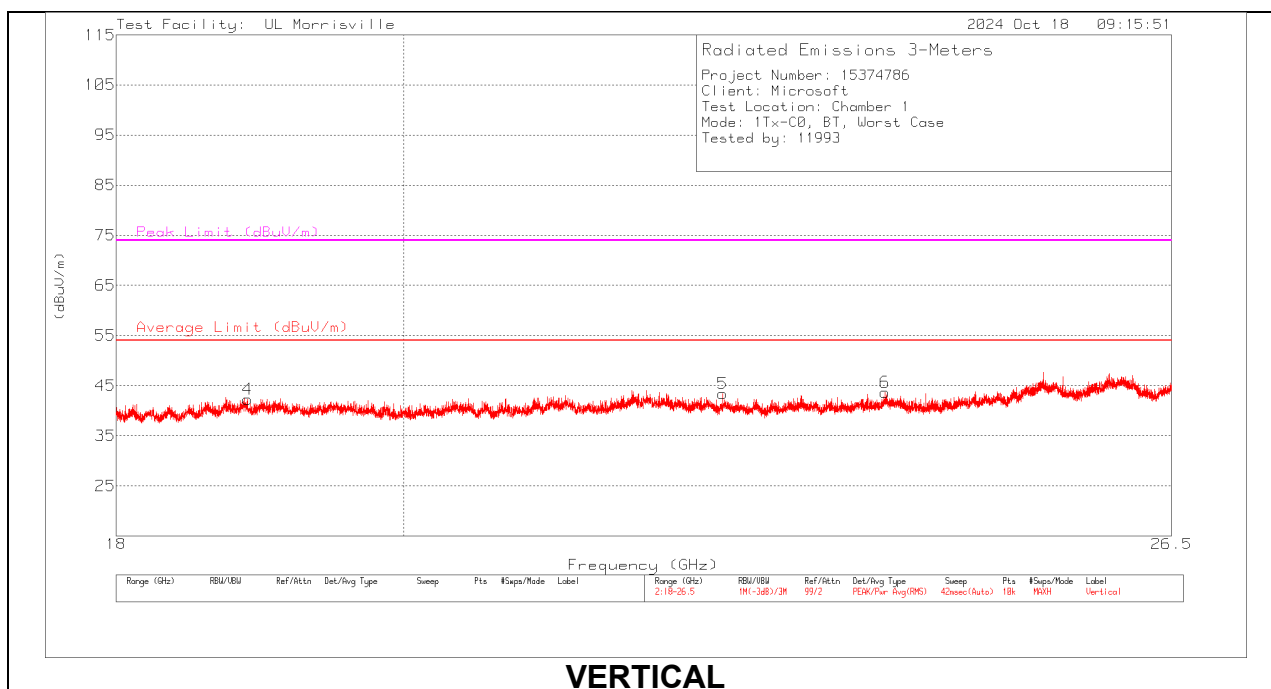
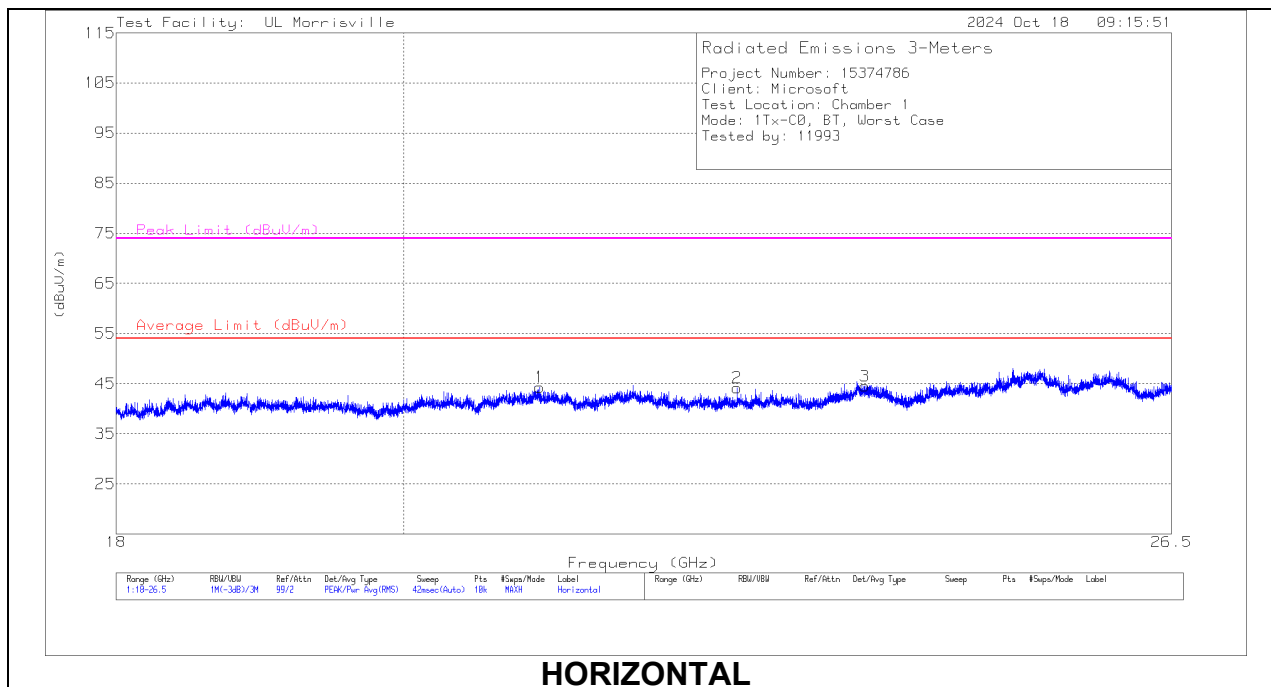
Pk - Peak detector

Qp - Quasi-Peak detector

10.4. WORST CASE 18-26 GHZ

10.4.1. CHAIN 0

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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 21.0206	50.71	Pk	33.6	-40	44.31	54	-9.69	74	-29.69	0-360	150	H
2	* ** 22.59889	50.07	Pk	34.3	-40.2	44.17	54	-9.83	74	-29.83	0-360	101	H
3	* ** 23.68168	49.88	Pk	34.5	-39.9	44.48	54	-9.52	74	-29.52	0-360	101	H
4	* ** 18.88731	48.86	Pk	33.5	-40.1	42.26	54	-11.74	74	-31.74	0-360	101	V
5	* ** 22.48075	49.44	Pk	34.2	-40.2	43.44	54	-10.56	74	-30.56	0-360	250	V
6	* ** 23.85931	49.14	Pk	34.4	-39.9	43.64	54	-10.36	74	-30.36	0-360	300	V

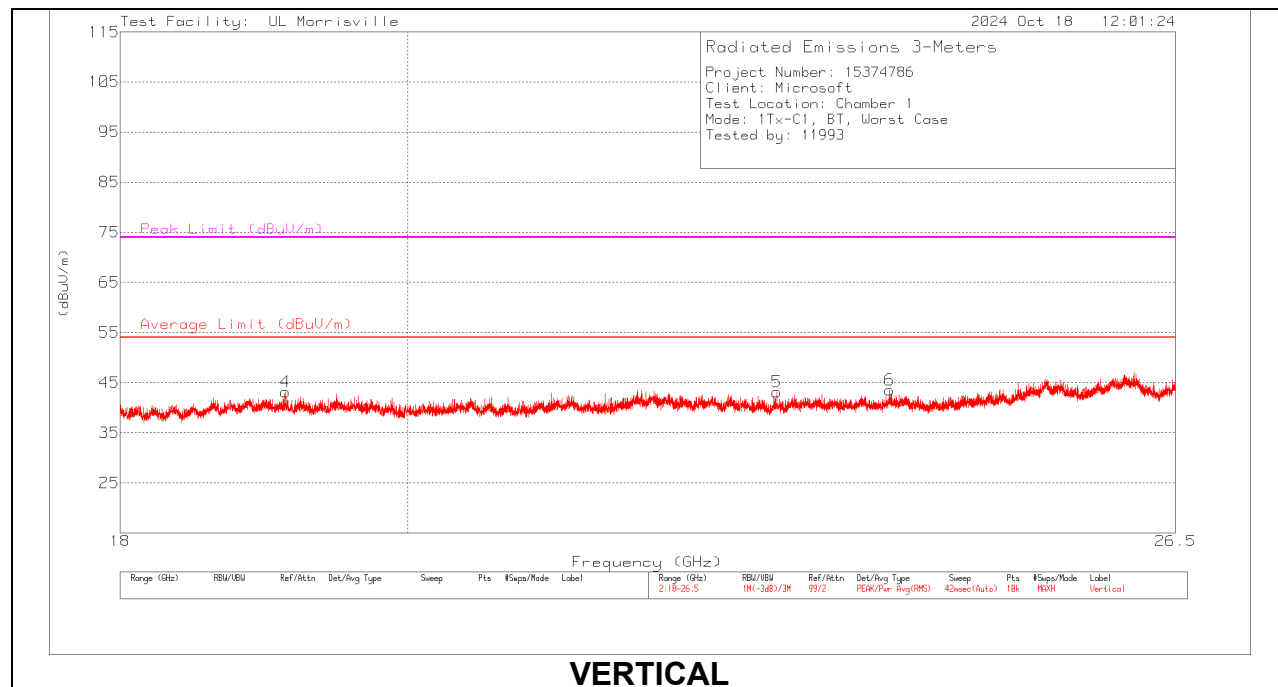
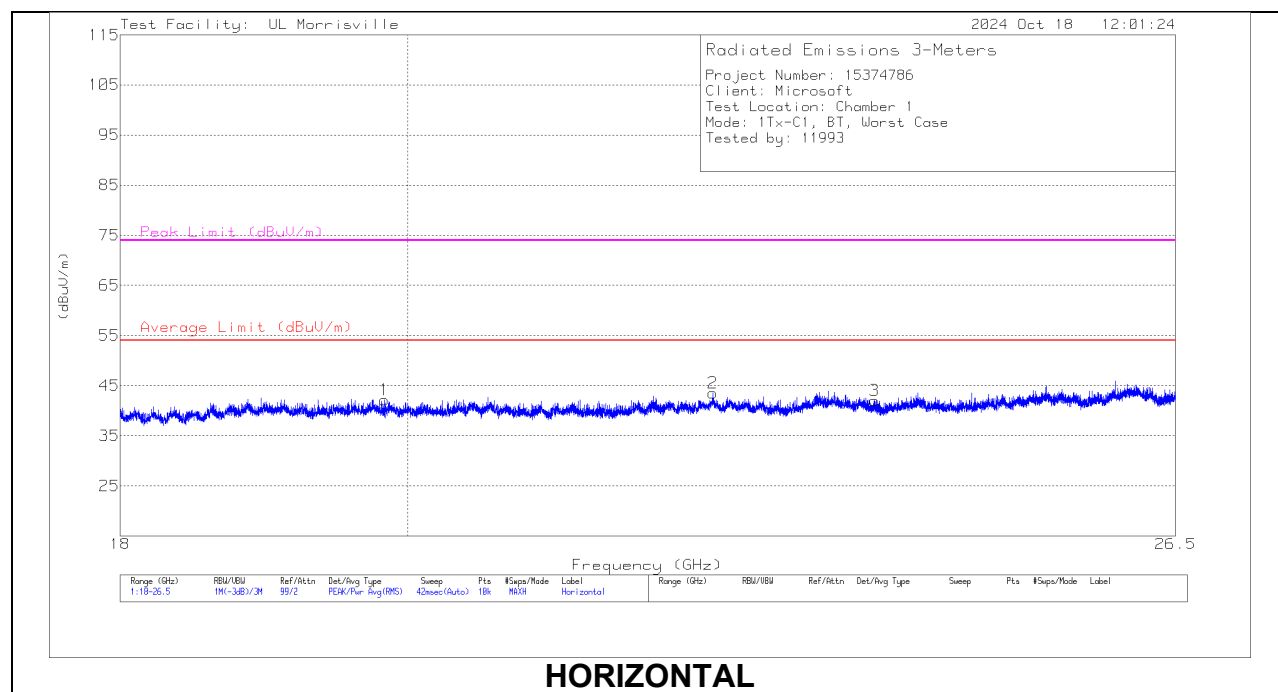
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.4.2. CHAIN 1

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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 19.83242	49.15	Pk	33.2	-40.2	42.15	54	-11.85	74	-31.85	0-360	101	H
2	* ** 22.36941	49.64	Pk	34.1	-40.2	43.54	54	-10.46	74	-30.46	0-360	200	H
3	* ** 23.73523	47.45	Pk	34.5	-39.9	42.05	54	-11.95	74	-31.95	0-360	101	H
4	* ** 19.12359	49.58	Pk	33.7	-40.1	43.18	54	-10.82	74	-30.82	0-360	250	V
5	* ** 22.89721	49.23	Pk	34.1	-40.2	43.13	54	-10.87	74	-30.87	0-360	151	V
6	* ** 23.86186	49.06	Pk	34.4	-39.9	43.56	54	-10.44	74	-30.44	0-360	101	V

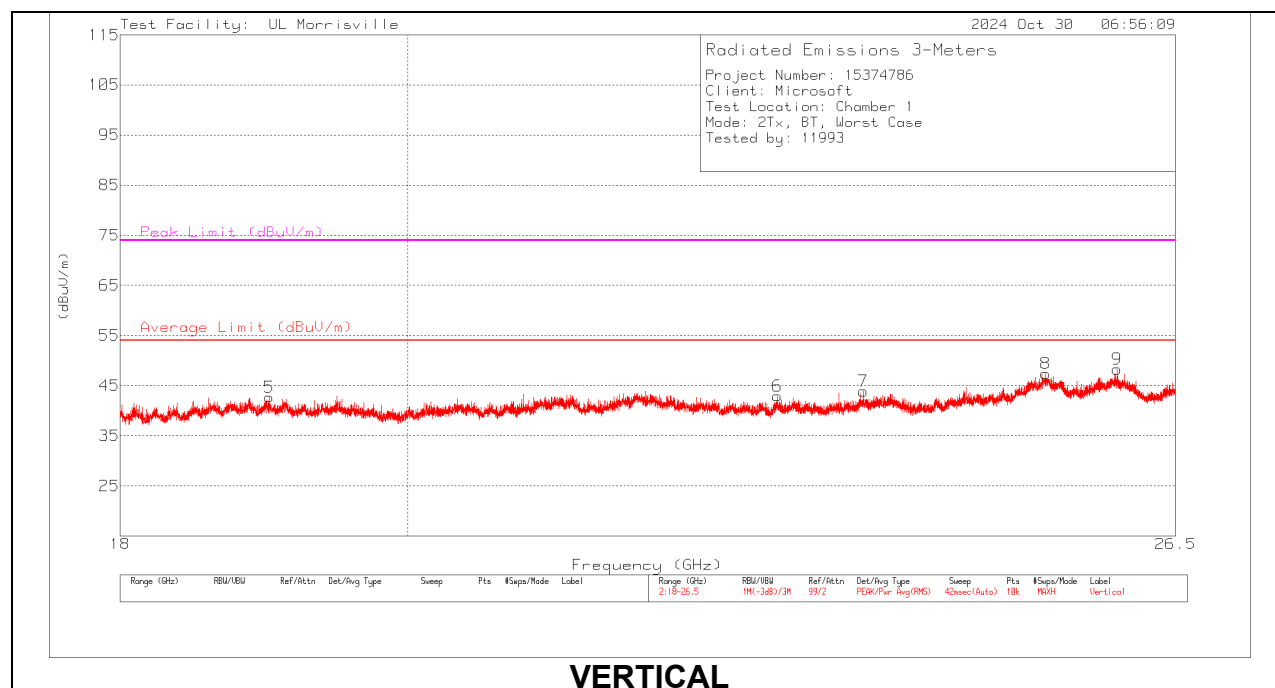
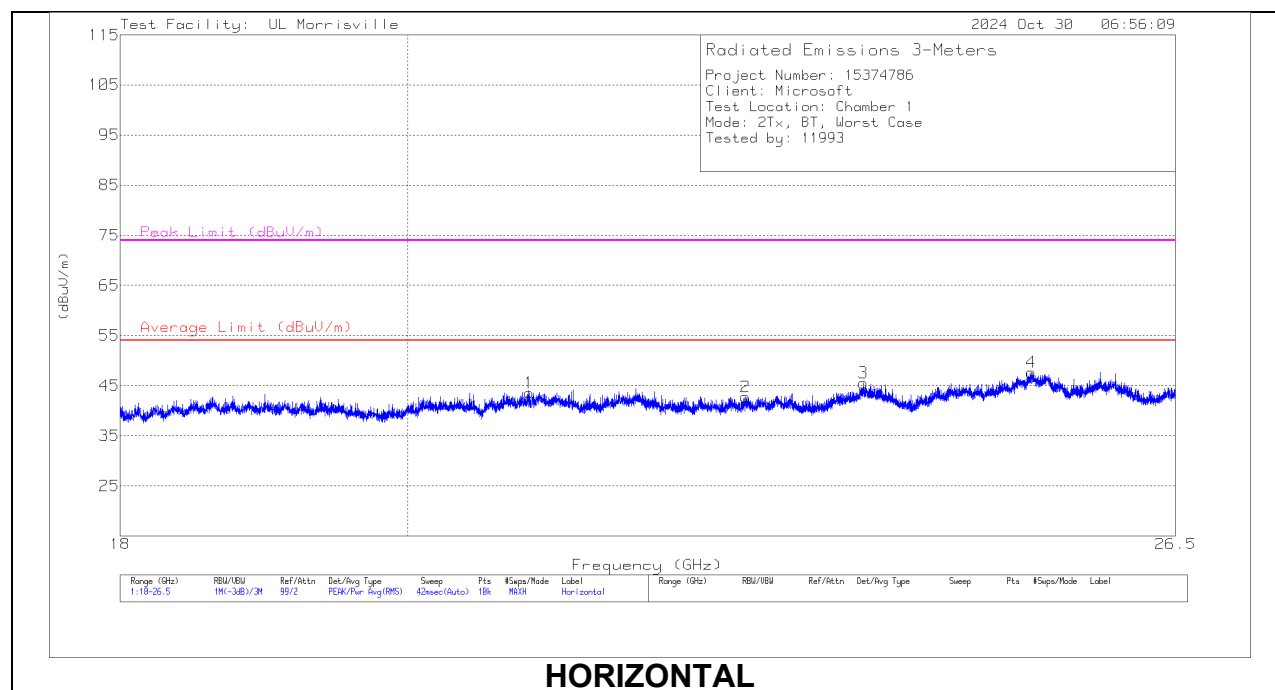
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.4.3. 2TX MIMO

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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.91011	50.19	Pk	33.4	-40	43.59	54	-10.41	74	-30.41	0-360	200	H
2	* ** 22.63799	48.73	Pk	34.2	-40.2	42.73	54	-11.27	74	-31.27	0-360	101	H
3	* ** 23.63749	50.79	Pk	34.6	-39.9	45.49	54	-8.51	74	-28.51	0-360	101	H
5	* ** 19.01055	49.21	Pk	33.6	-40.1	42.71	54	-11.29	74	-31.29	0-360	250	V
6	* ** 22.90231	49.06	Pk	34.1	-40.2	42.96	54	-11.04	74	-31.04	0-360	200	V
7	* ** 23.63494	49.25	Pk	34.6	-39.9	43.95	54	-10.05	74	-30.05	0-360	300	V
4	25.13419	51.13	Pk	35.6	-39.1	47.63	-	-	-	-	0-360	200	H
8	25.26847	50.81	Pk	35.7	-39.1	47.41	-	-	-	-	0-360	300	V
9	25.93906	51.6	Pk	35.3	-38.6	48.3	-	-	-	-	0-360	250	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. SETUP PHOTOS

Please refer to R15374786-EP1 for setup photos

END OF TEST REPORT