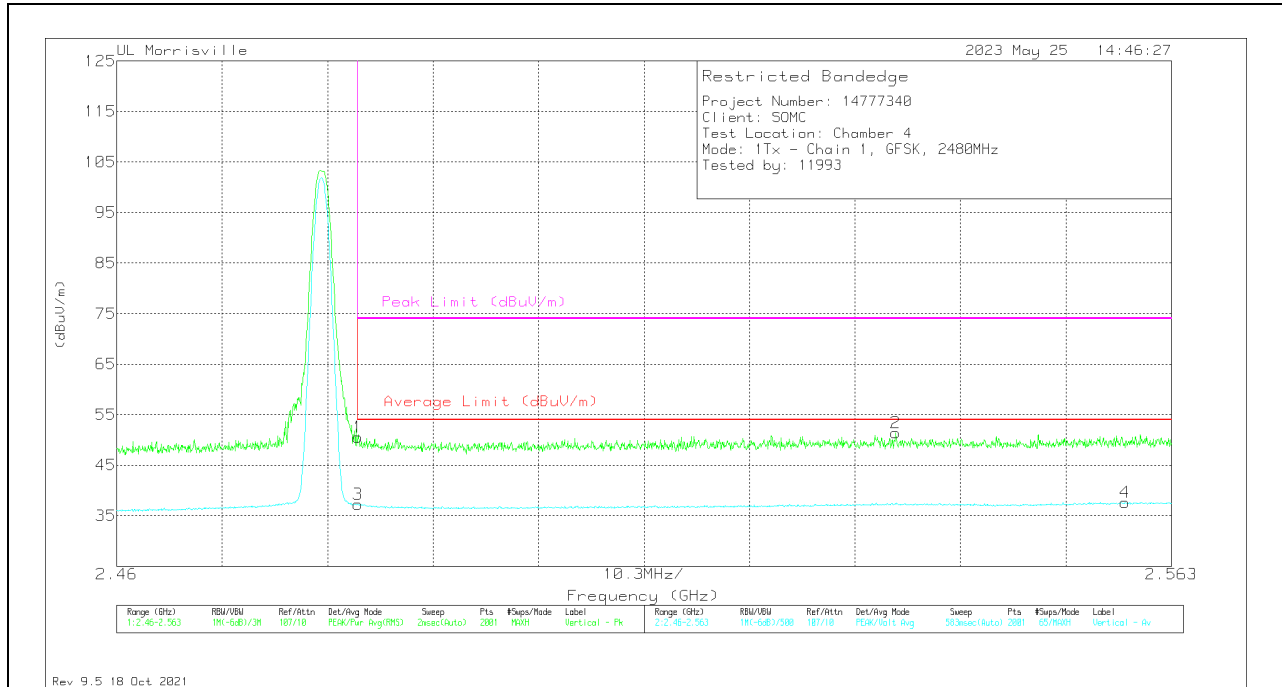


VERTICAL RESULT

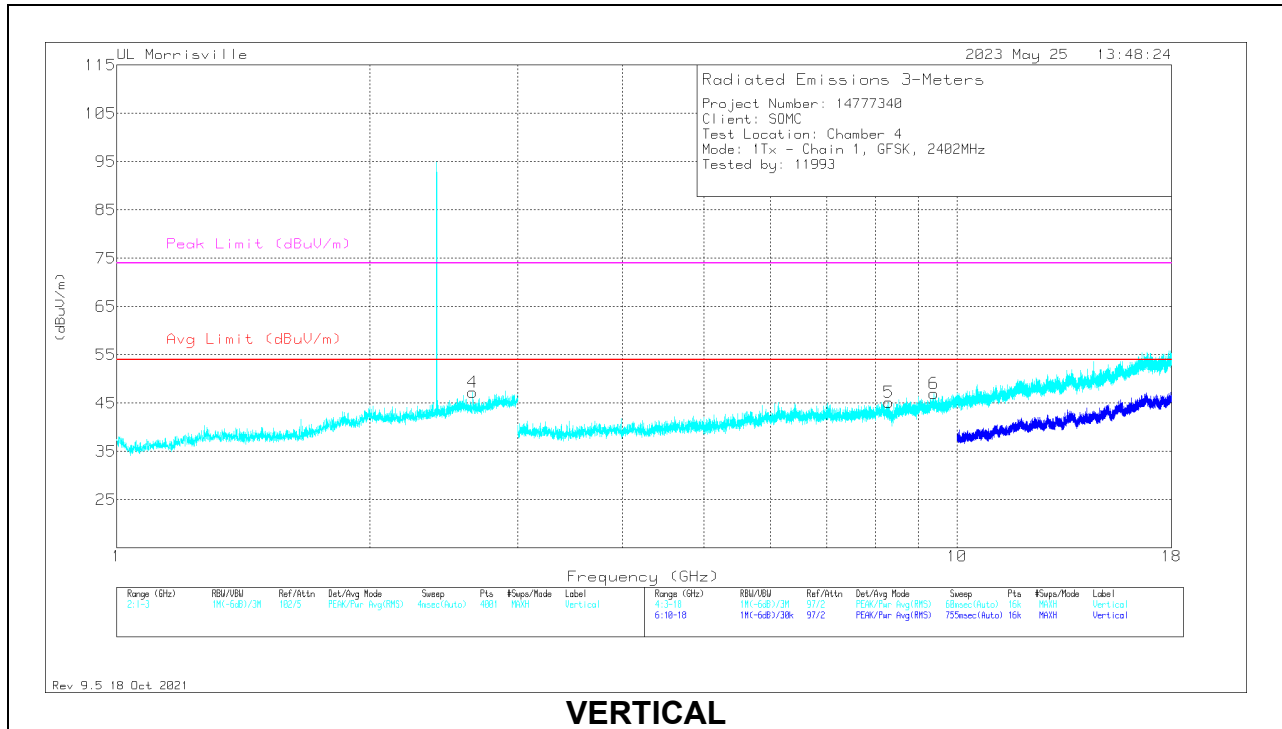
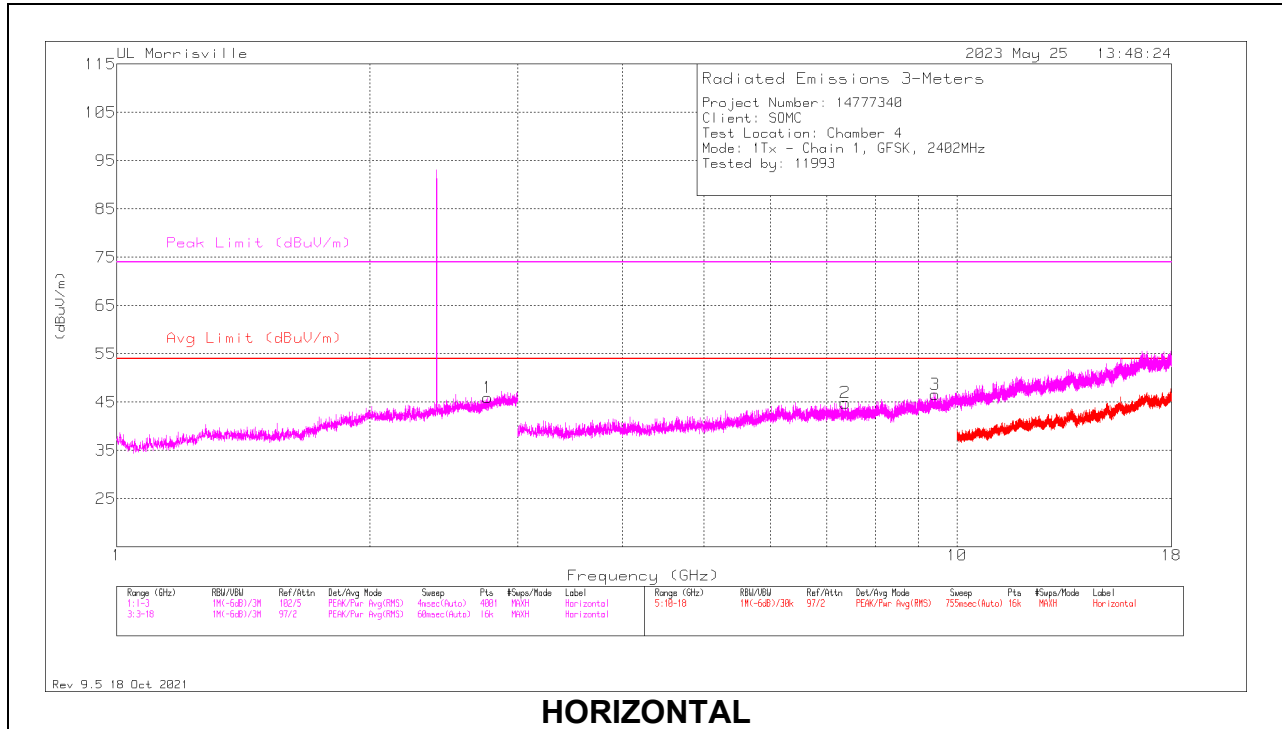


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	31.59	Pk	32.6	-13.7	50.49	-	-	74	-23.51	26	106	V
2	** 2.53607	32.05	Pk	32.8	-13.4	51.45	-	-	74	-22.55	26	106	V
3	*** 2.48354	18.31	V1TV	32.6	-13.7	37.21	54	-16.79	-	-	26	106	V
4	** 2.55847	18.26	V1TV	32.7	-13.3	37.66	54	-16.34	-	-	26	106	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

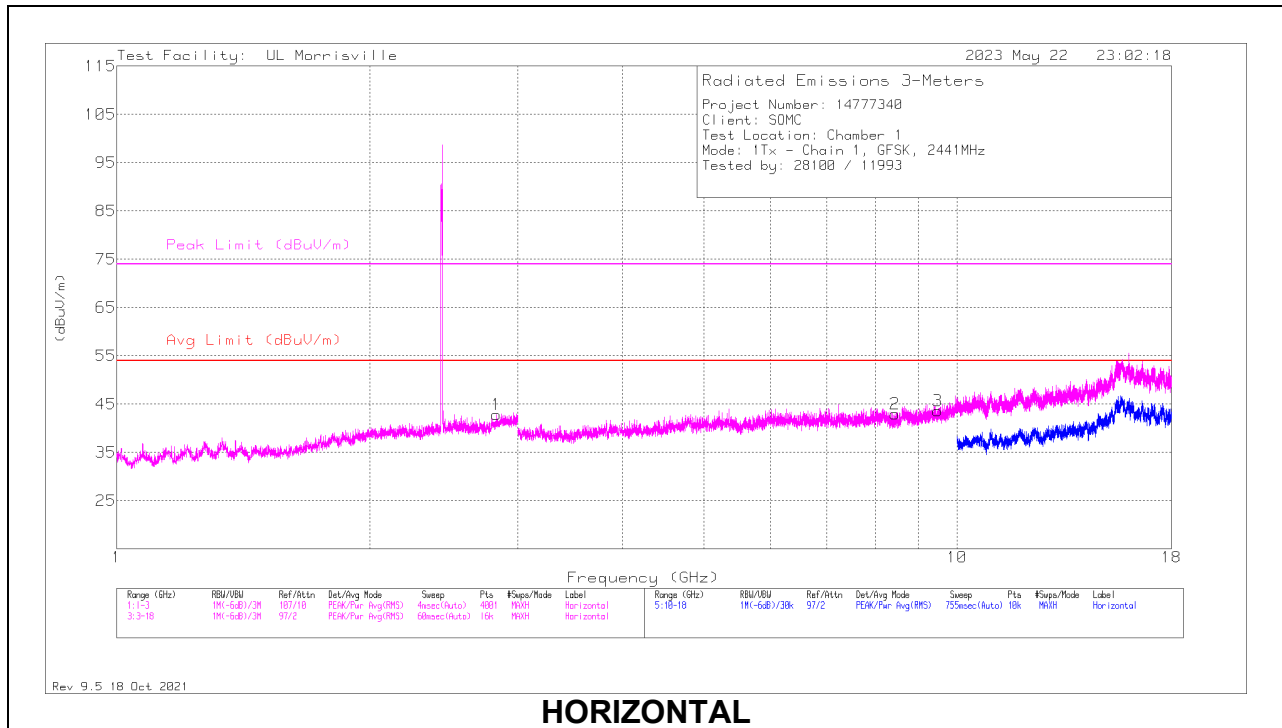
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.762	26.61	Pk	32.4	-13	46.01	54	-7.99	74	-27.99	0-360	100	H
4	** 2.654	28.18	Pk	32.4	-13.3	47.28	54	-6.72	74	-26.72	0-360	200	V
2	* ** 7.36219	37.56	Pk	35.6	-28.3	44.86	54	-9.14	74	-29.14	0-360	100	H
3	* ** 9.41625	36.11	Pk	36.5	-26	46.61	54	-7.39	74	-27.39	0-360	100	H
5	* ** 8.28938	36.55	Pk	35.7	-27.1	45.15	54	-8.85	74	-28.85	0-360	200	V
6	* ** 9.38438	35.94	Pk	36.5	-25.4	47.04	54	-6.96	74	-26.96	0-360	200	V

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

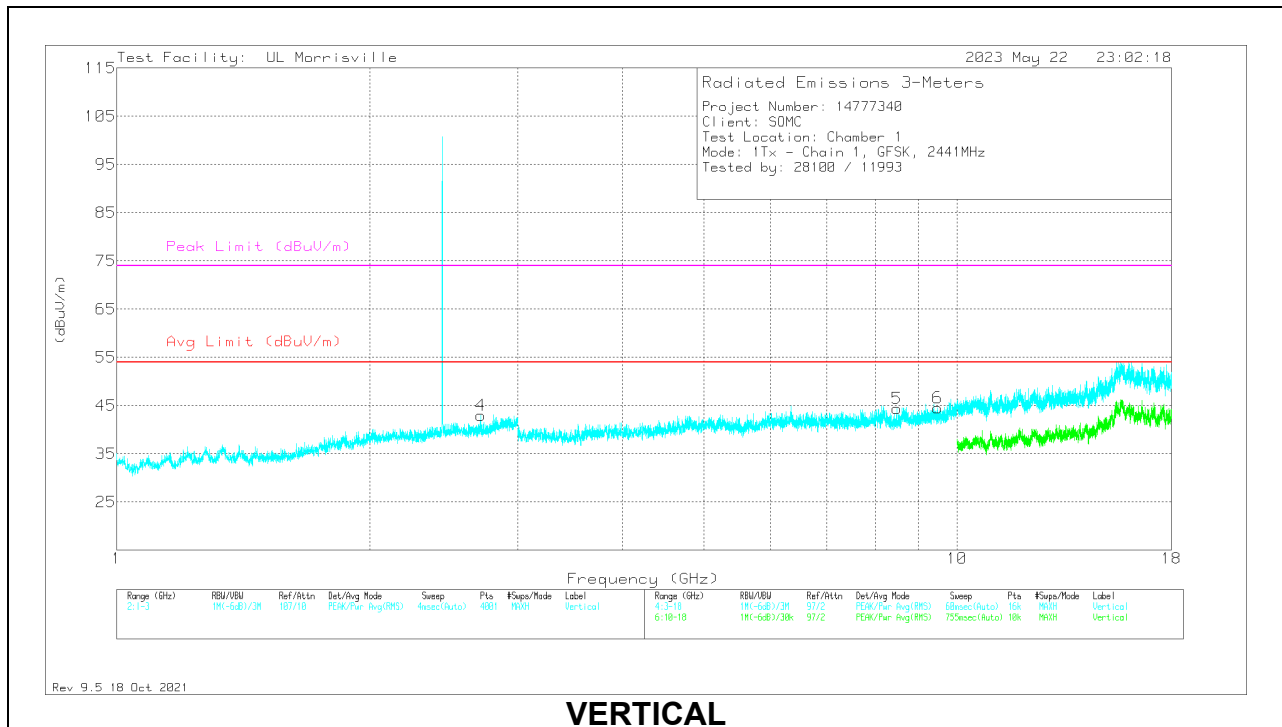
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

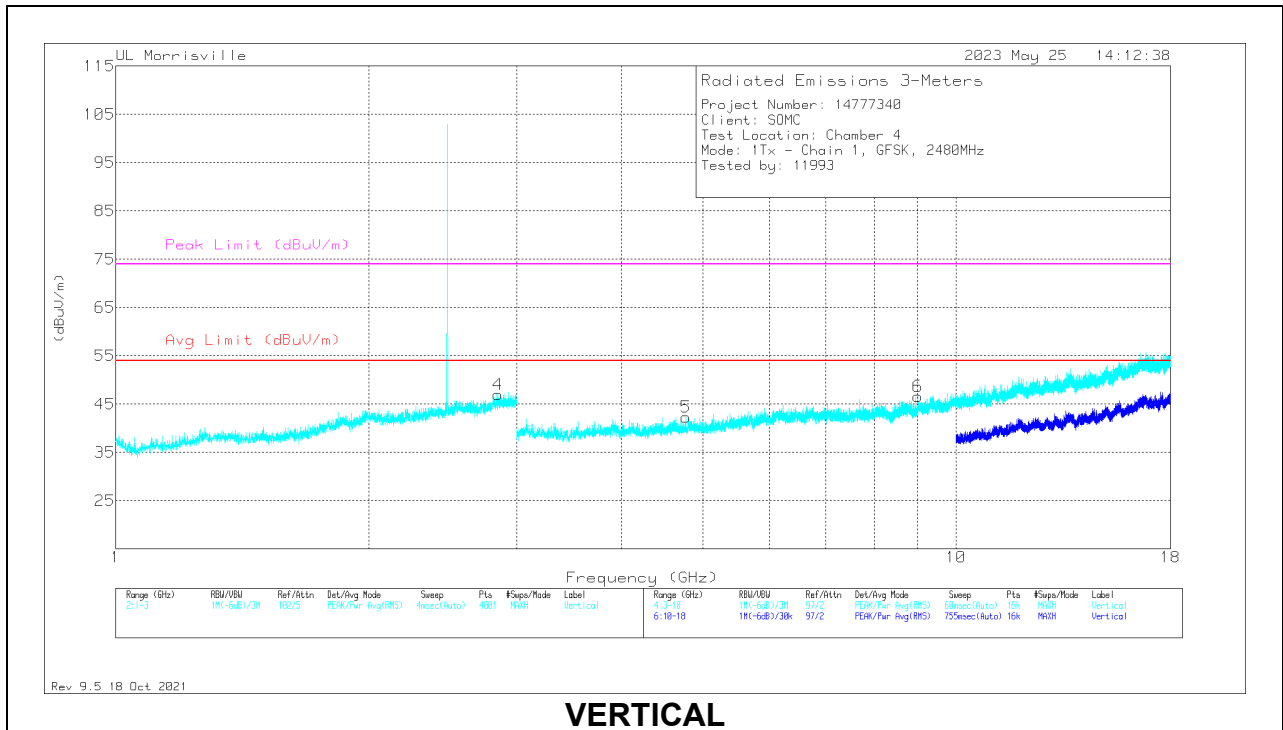
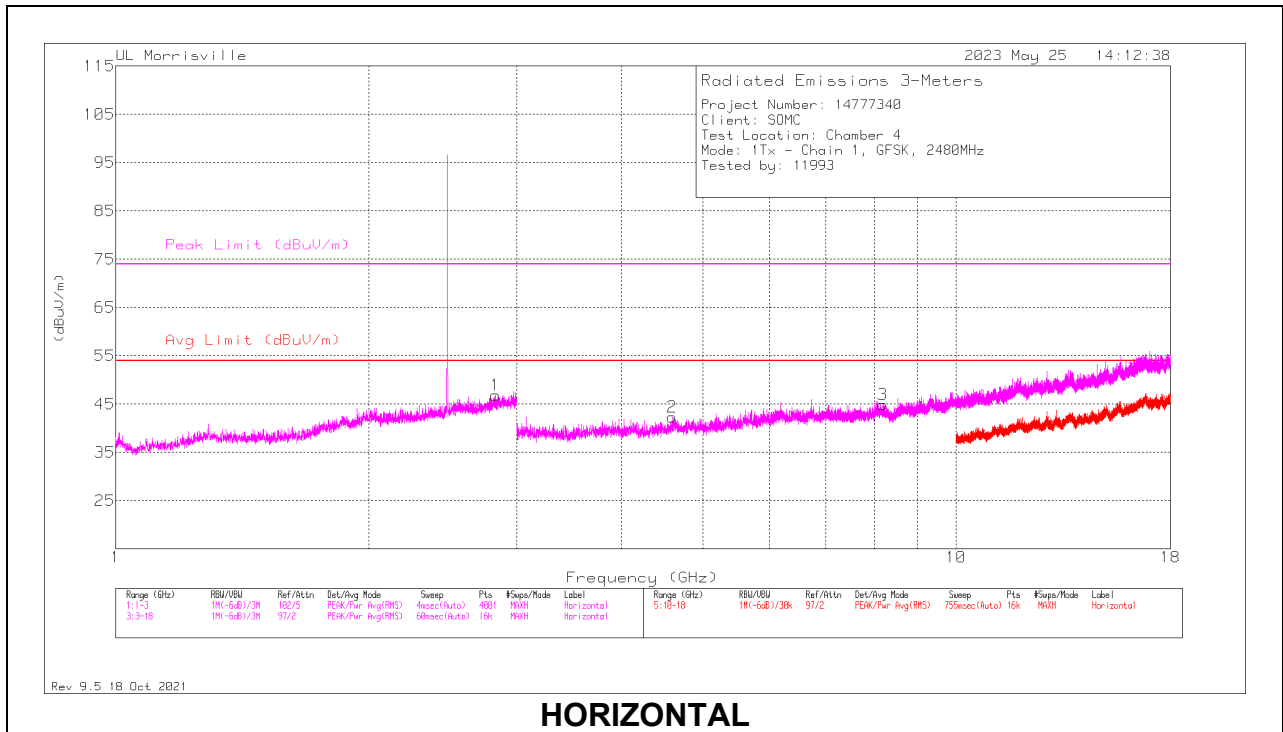
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.832	33.7	Pk	32.4	-23.2	42.9	54	-11.1	74	-31.1	0-360	100	H
4	** 2.7105	34.36	Pk	32	-23.4	42.96	54	-11.04	74	-31.04	0-360	101	V
2	*** 8.43281	36.28	Pk	35.9	-29.2	42.98	54	-11.02	74	-31.02	0-360	101	H
3	*** 9.4875	36.17	Pk	36.5	-29	43.67	54	-10.33	74	-30.33	0-360	101	H
5	*** 8.48344	37.99	Pk	35.8	-29.4	44.39	54	-9.61	74	-29.61	0-360	200	V
6	*** 9.48375	36.85	Pk	36.5	-28.8	44.55	54	-9.45	74	-29.45	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	*** 2.8315	27.1	Pk	32.6	-12.8	46.9	54	-7.1	74	-27.1	0-360	100	H
4	*** 2.8515	27.27	Pk	32.5	-12.8	46.97	54	-7.03	74	-27.03	0-360	200	V
2	*** 4.59375	40.37	Pk	34.1	-32.2	42.27	54	-11.73	74	-31.73	0-360	100	H
3	*** 8.17969	36.48	Pk	35.7	-27.2	44.98	54	-9.02	74	-29.02	0-360	100	H
5	*** 4.77094	40.33	Pk	34	-32	42.33	54	-11.67	74	-31.67	0-360	200	V
6	*** 9.00938	35.78	Pk	36.1	-25.3	46.58	54	-7.42	74	-27.42	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

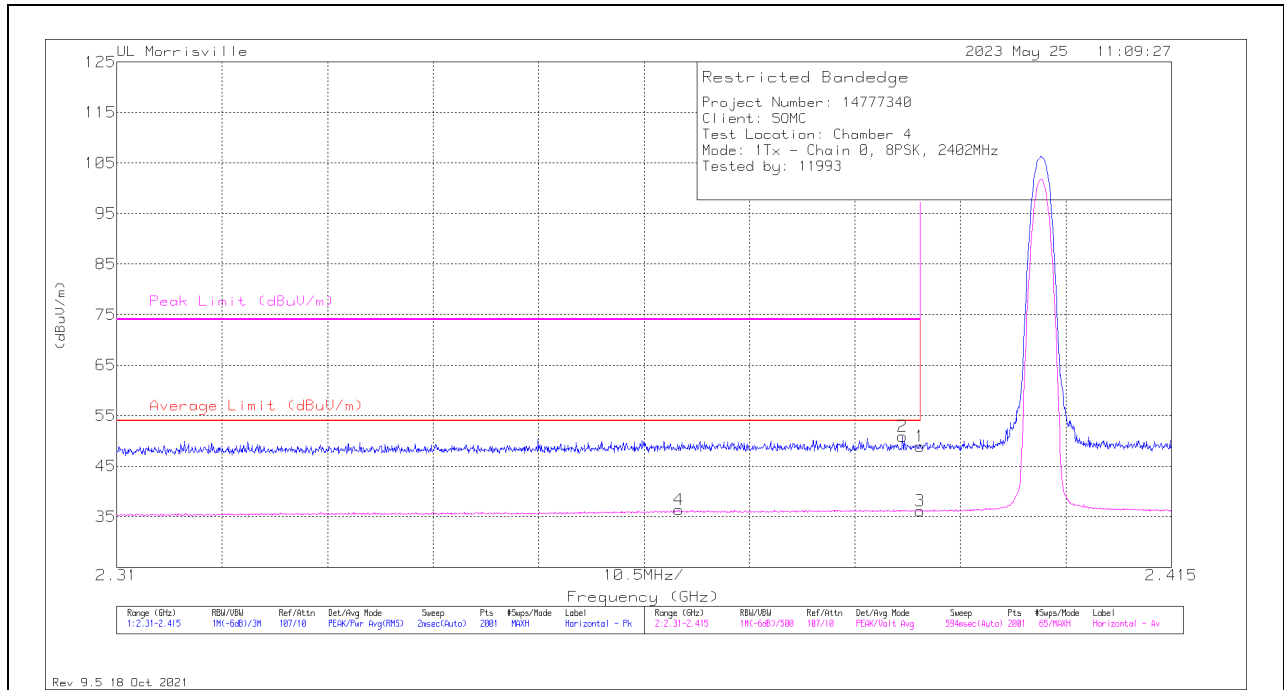
Pk - Peak detector

10.1.2. BLUETOOTH ENHANCED DATA RATE 8PSK MODULATION

CHAIN 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	30.3	Pk	32.2	-13.6	48.9	-	-	74	-25.1	133	102	H
2	*** 2.38823	32.36	Pk	32.2	-13.6	50.96	-	-	74	-23.04	133	102	H
3	*** 2.38996	17.49	V1TV	32.2	-13.6	36.09	54	-17.91	-	-	133	102	H
4	*** 2.36597	17.78	V1TV	32.2	-13.6	36.38	54	-17.62	-	-	133	102	H

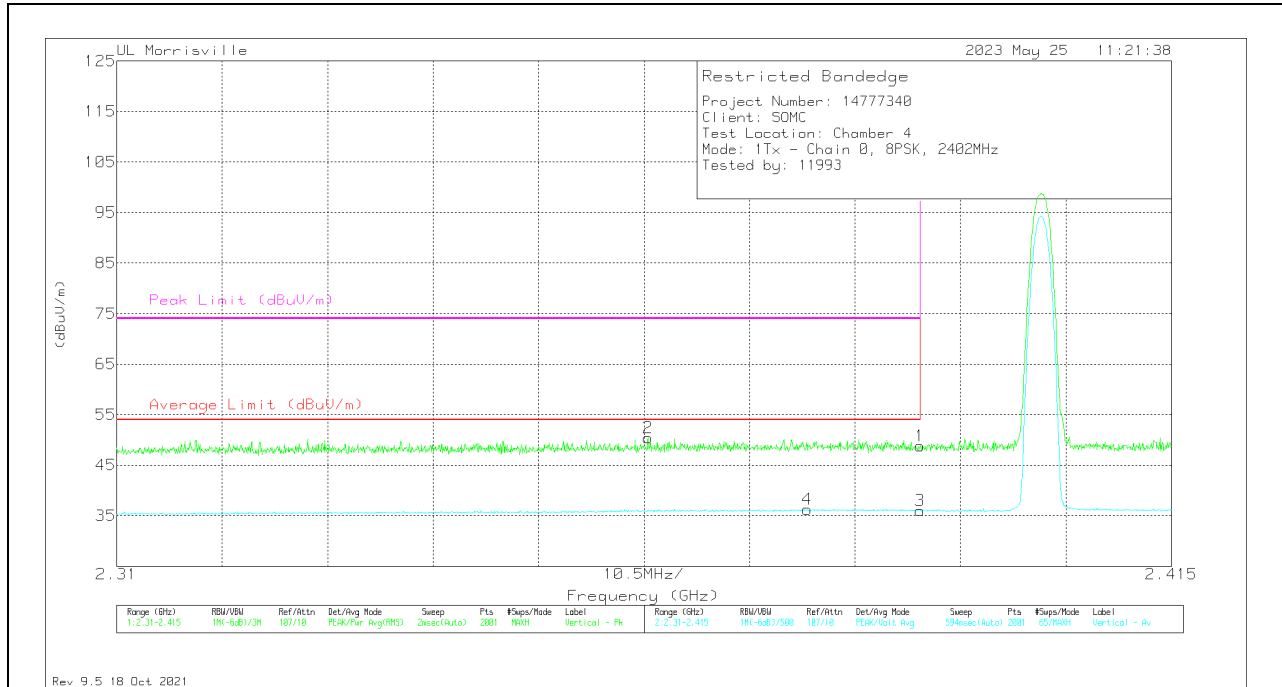
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

VERTICAL RESULT

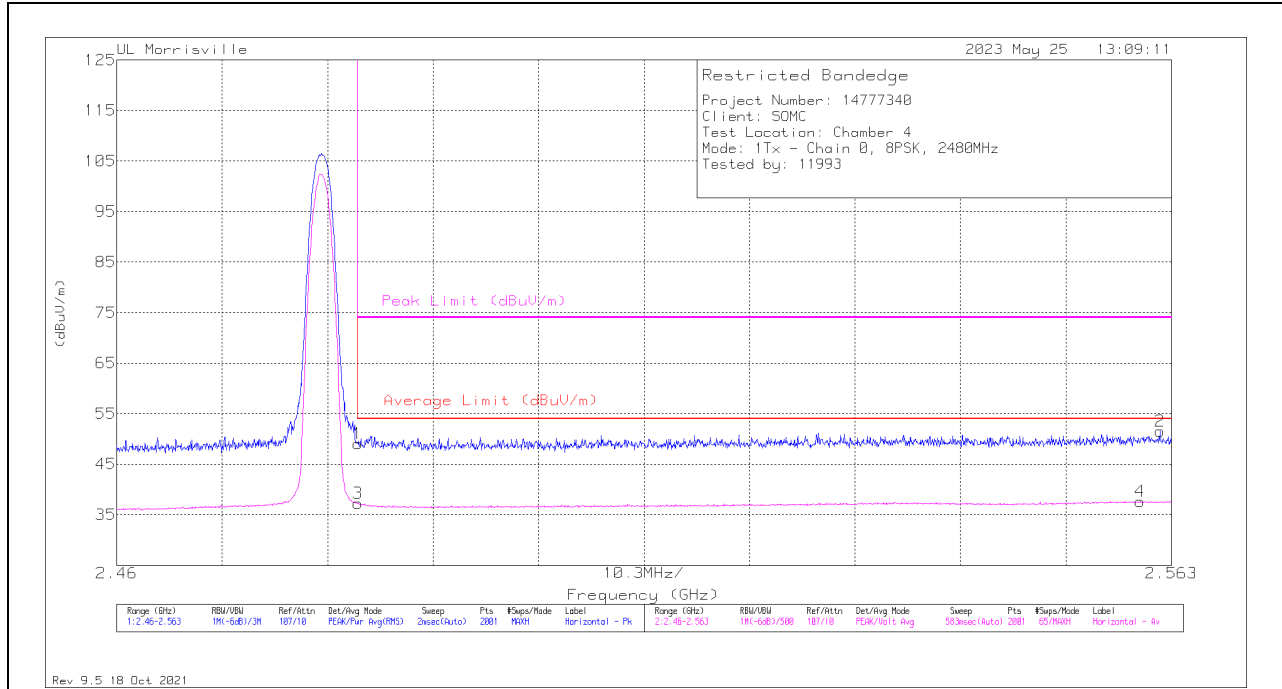


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	30.25	Pk	32.2	-13.6	48.85	-	-	74	-25.15	41	103	V
2	*** 2.36292	31.8	Pk	32.2	-13.6	50.4	-	-	74	-23.6	41	103	V
3	*** 2.38996	17.38	V1TV	32.2	-13.6	35.98	54	-18.02	-	-	41	103	V
4	*** 2.37878	17.7	V1TV	32.2	-13.6	36.3	54	-17.7	-	-	41	103	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

BANDEDGE (HIGH CHANNEL)

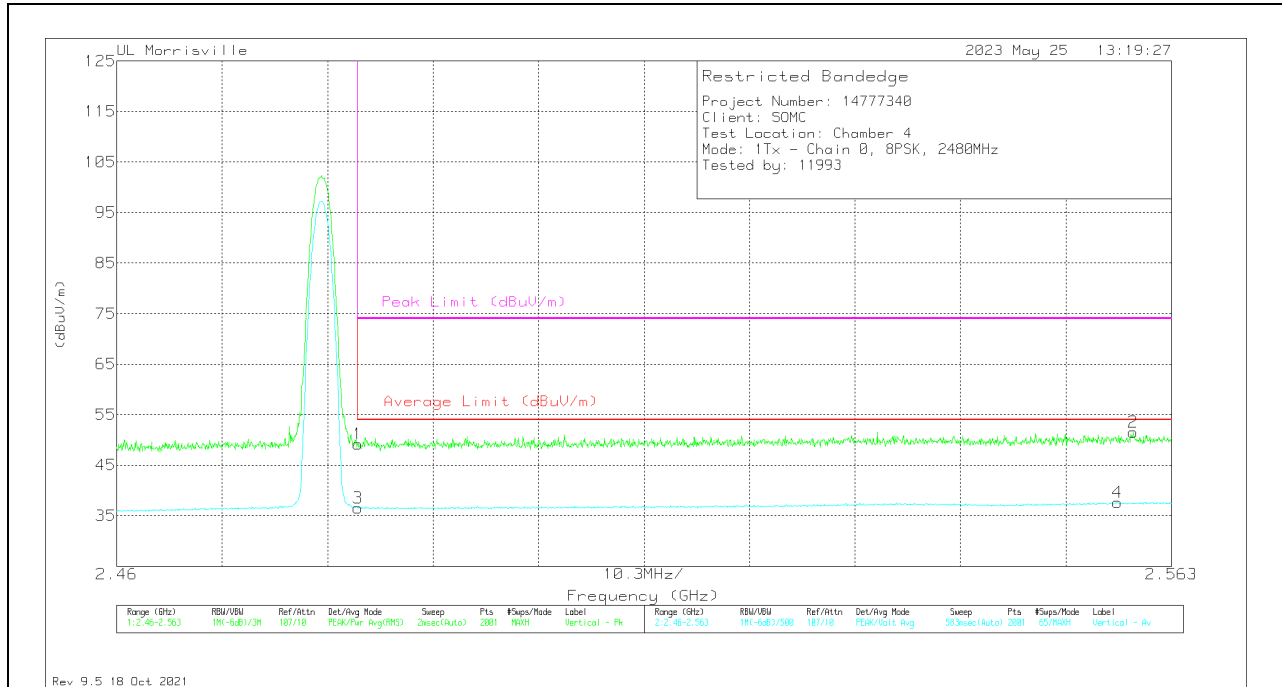
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	30.19	Pk	32.6	-13.7	49.09	-	-	74	-24.91	137	102	H
2	** 2.56187	32.15	Pk	32.7	-13.3	51.55	-	-	74	-22.45	137	102	H
3	*** 2.48354	18.34	V1TV	32.6	-13.7	37.24	54	-16.76	-	-	137	102	H
4	** 2.55991	18.28	V1TV	32.7	-13.3	37.68	54	-16.32	-	-	137	102	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

VERTICAL RESULT

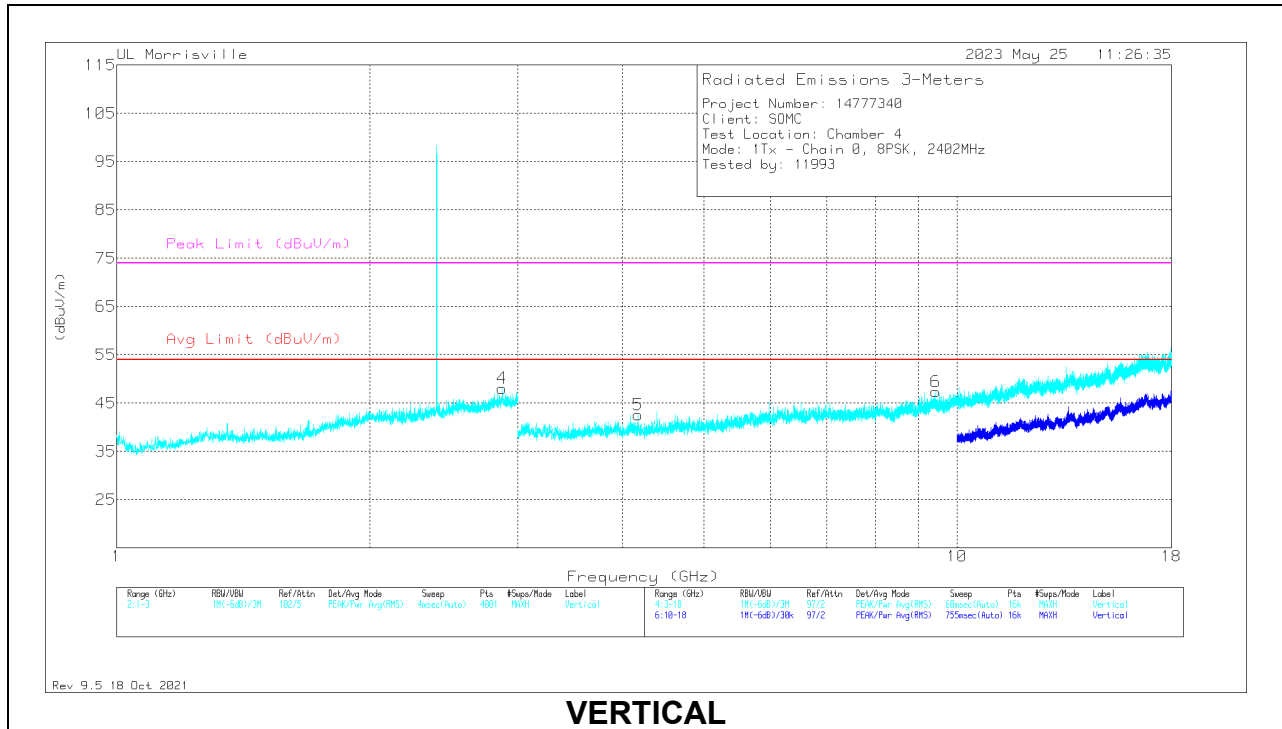
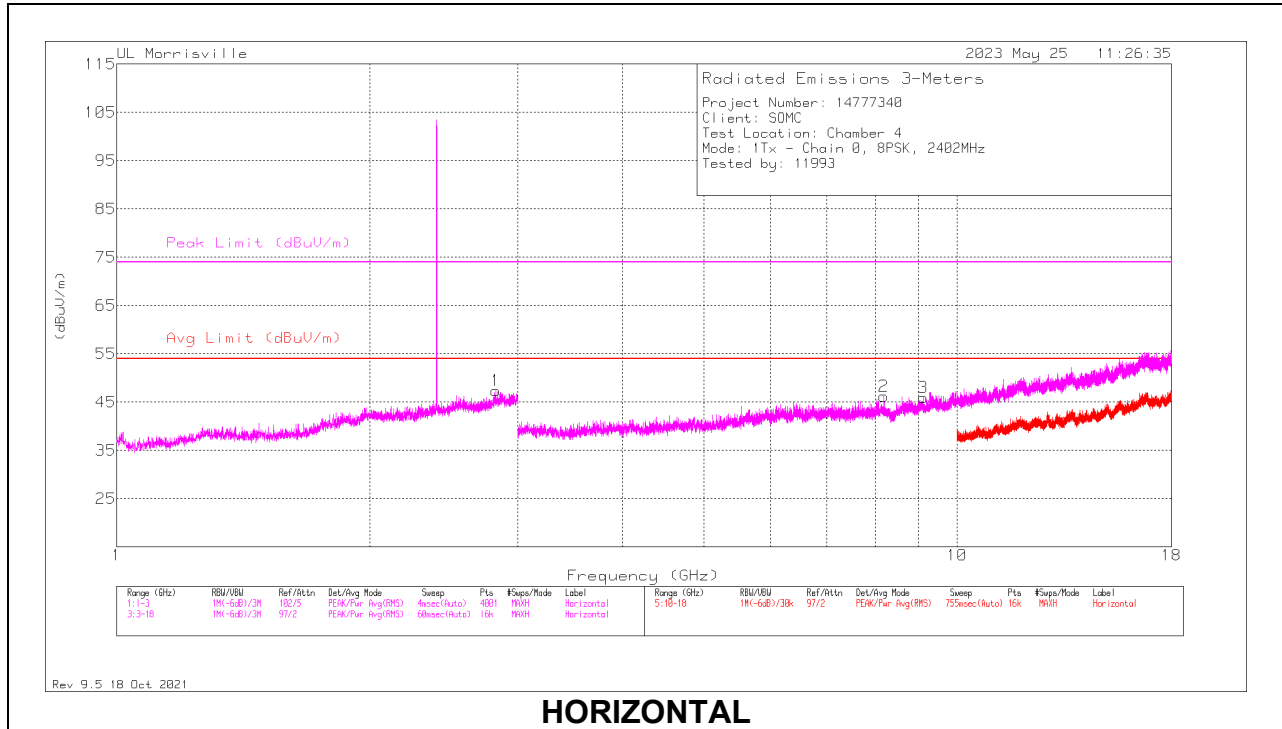


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	30.23	Pk	32.6	-13.7	49.13	-	-	74	-24.87	241	379	V
2	** 2.55924	32.17	Pk	32.7	-13.3	51.57	-	-	74	-22.43	241	379	V
3	*** 2.48354	17.61	V1TV	32.6	-13.7	36.51	54	-17.49	-	-	241	379	V
4	** 2.55775	18.28	V1TV	32.7	-13.3	37.68	54	-16.32	-	-	241	379	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

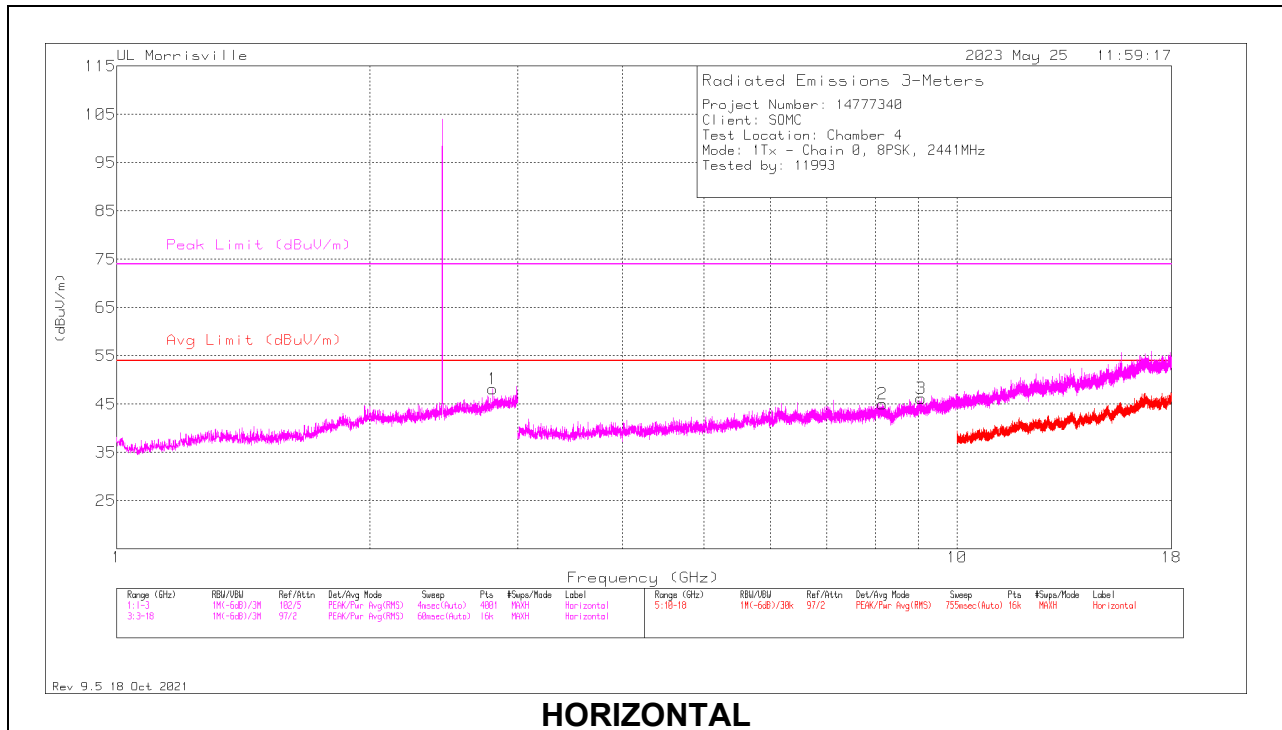
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.824	27.58	Pk	32.6	-12.8	47.38	54	-6.62	74	-26.62	0-360	100	H
4	*** 2.87445	27.84	PK2	32.7	-12.7	47.84	-	-	74	-26.16	87	214	V
	*** 2.87751	13.73	V1TV	32.7	-12.6	33.83	54	-20.17	-	-	87	214	V
2	*** 8.17781	37.78	Pk	35.7	-27.3	46.18	54	-7.82	74	-27.82	0-360	100	H
3	*** 9.12281	35.41	Pk	36.2	-25.7	45.91	54	-8.09	74	-28.09	0-360	100	H
5	*** 4.17094	41.18	Pk	33.4	-32	42.58	54	-11.42	74	-31.42	0-360	200	V
6	*** 9.43875	36.83	Pk	36.5	-26	47.33	54	-6.67	74	-26.67	0-360	200	V

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

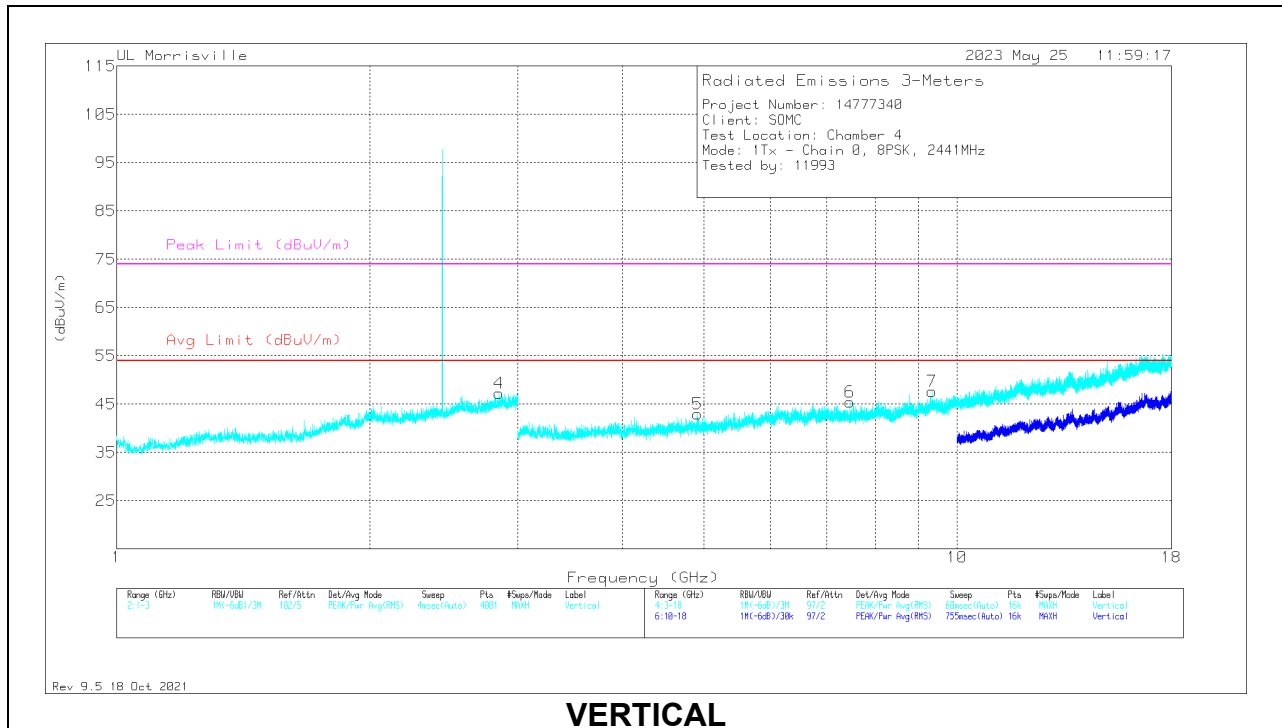
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

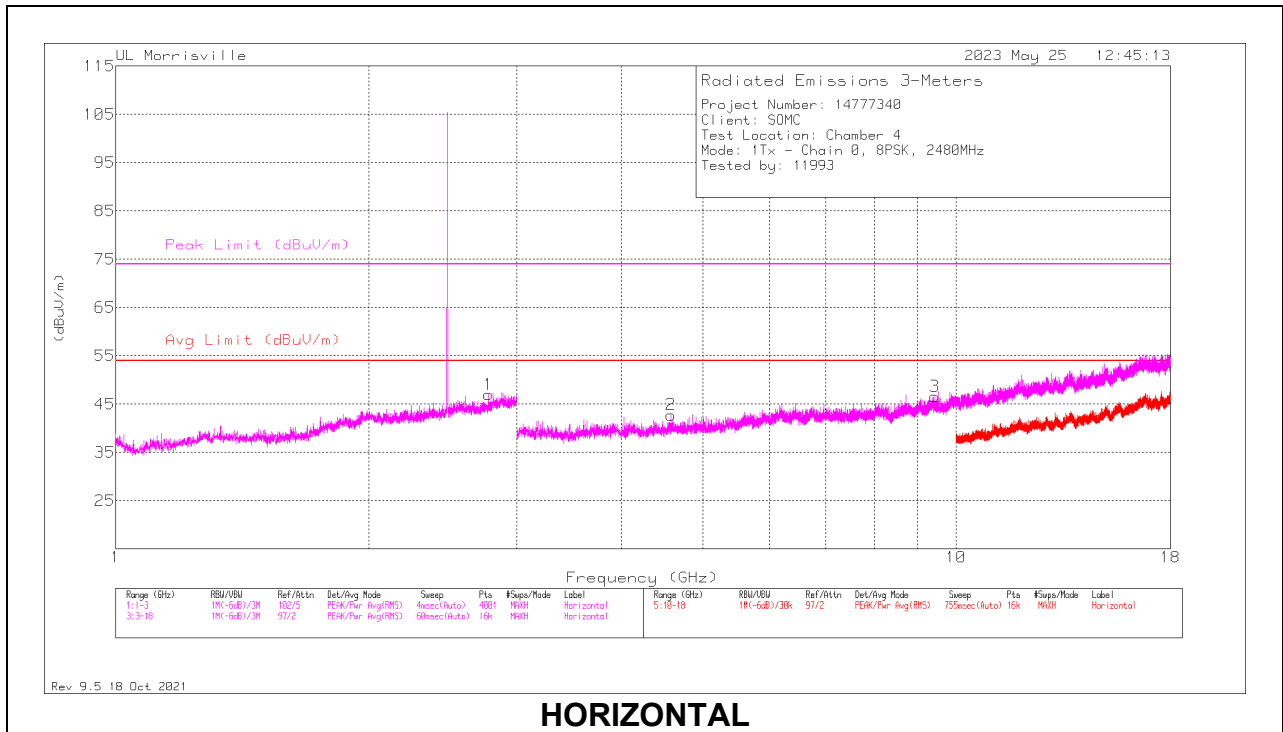
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.80335	28.37	PK2	32.6	-13	47.97	-	-	74	-26.03	175	108	H
	*** 2.8035	13.67	V1TV	32.6	-13	33.27	54	-20.73	-	-	175	108	H
4	*** 2.8495	27.59	Pk	32.5	-12.8	47.29	54	-6.71	74	-26.71	0-360	200	V
2	*** 8.14875	36.82	Pk	35.8	-27.6	45.02	54	-8.98	74	-28.98	0-360	100	H
3	*** 9.06281	35.17	Pk	36.1	-25.1	46.17	54	-7.83	74	-27.83	0-360	100	H
5	*** 4.90969	40.52	Pk	34	-31.6	42.92	54	-11.08	74	-31.08	0-360	200	V
6	*** 7.4625	38.19	Pk	35.6	-28.4	45.39	54	-8.61	74	-28.61	0-360	200	V
7	*** 9.34313	36.54	Pk	36.4	-25.3	47.64	54	-6.36	74	-26.36	0-360	200	V

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

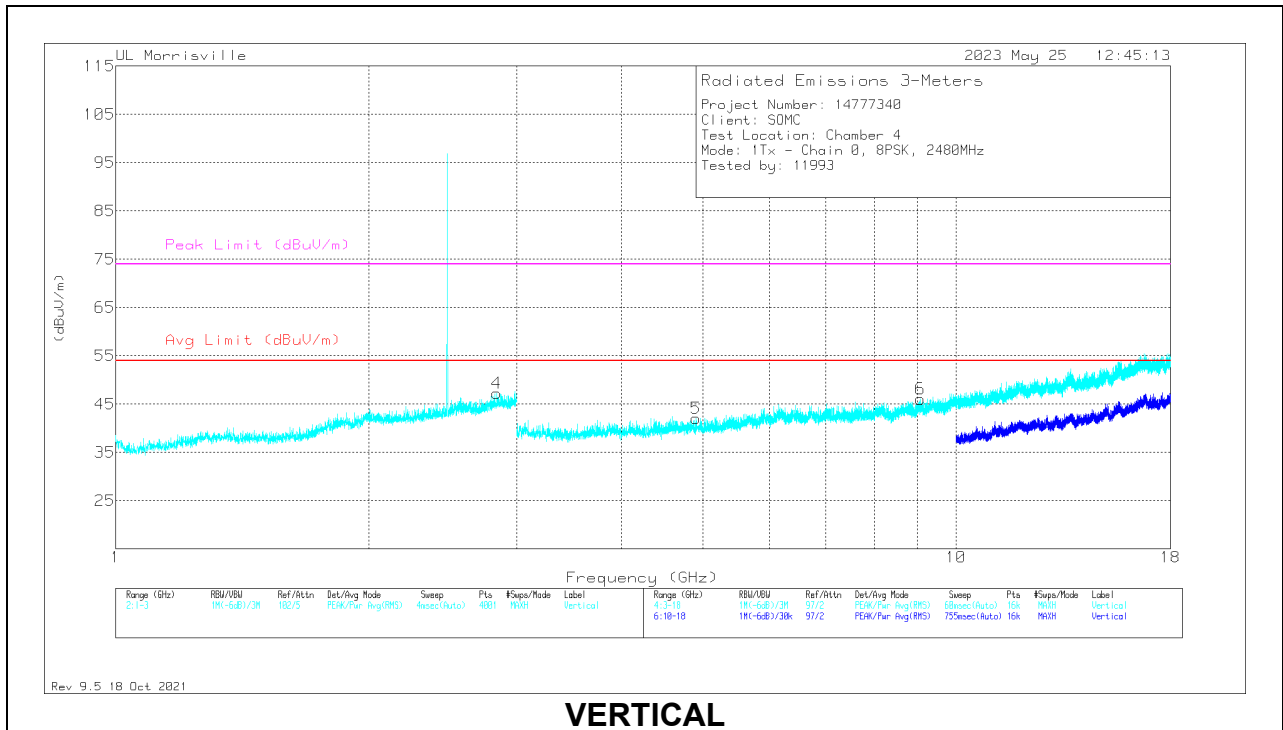
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	*** 2.7785	27.55	Pk	32.5	-13.1	46.95	54	-7.05	74	-27.05	0-360	100	H
4	*** 2.839	27.46	Pk	32.6	-12.8	47.26	54	-6.74	74	-26.74	0-360	200	V
2	*** 4.58063	40.78	Pk	34.1	-32.1	42.78	54	-11.22	74	-31.22	0-360	100	H
3	*** 9.43125	35.98	Pk	36.5	-25.9	46.58	54	-7.42	74	-27.42	0-360	100	H
5	*** 4.90781	39.72	Pk	34	-31.6	42.12	54	-11.88	74	-31.88	0-360	200	V
6	*** 9.07406	35.13	Pk	36.1	-25.2	46.03	54	-7.97	74	-27.97	0-360	200	V

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

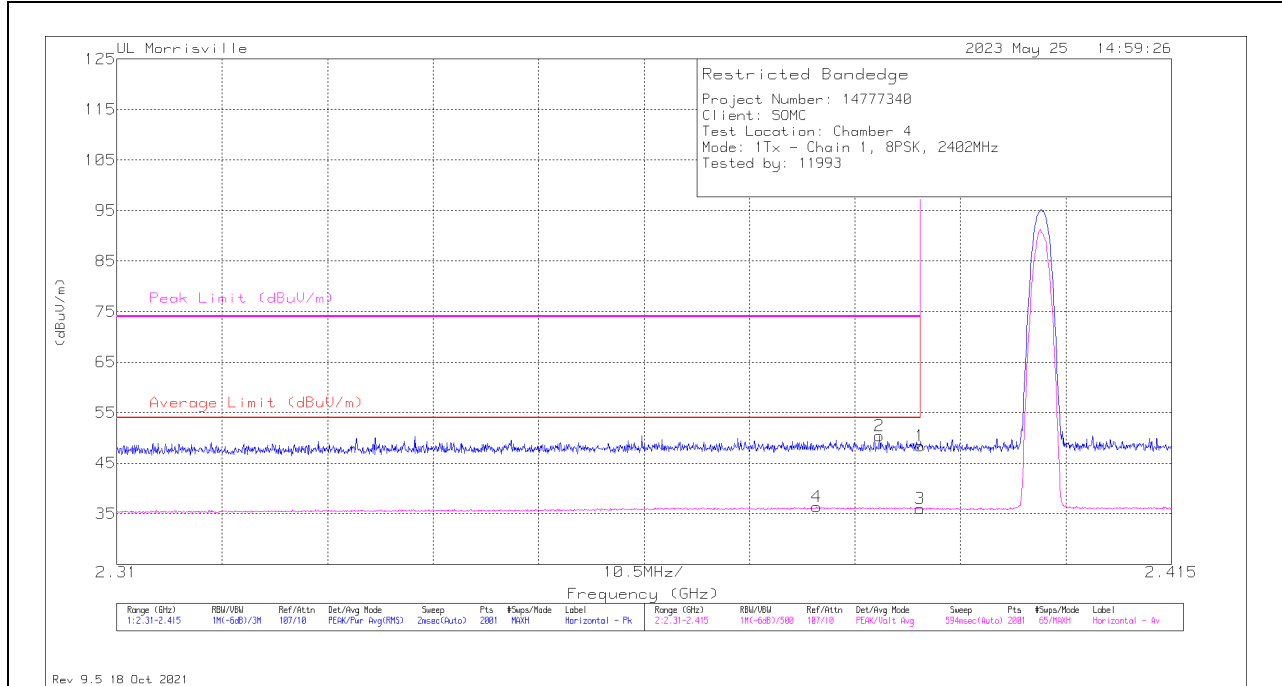
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

CHAIN 1

BANDEDGE (LOW CHANNEL)

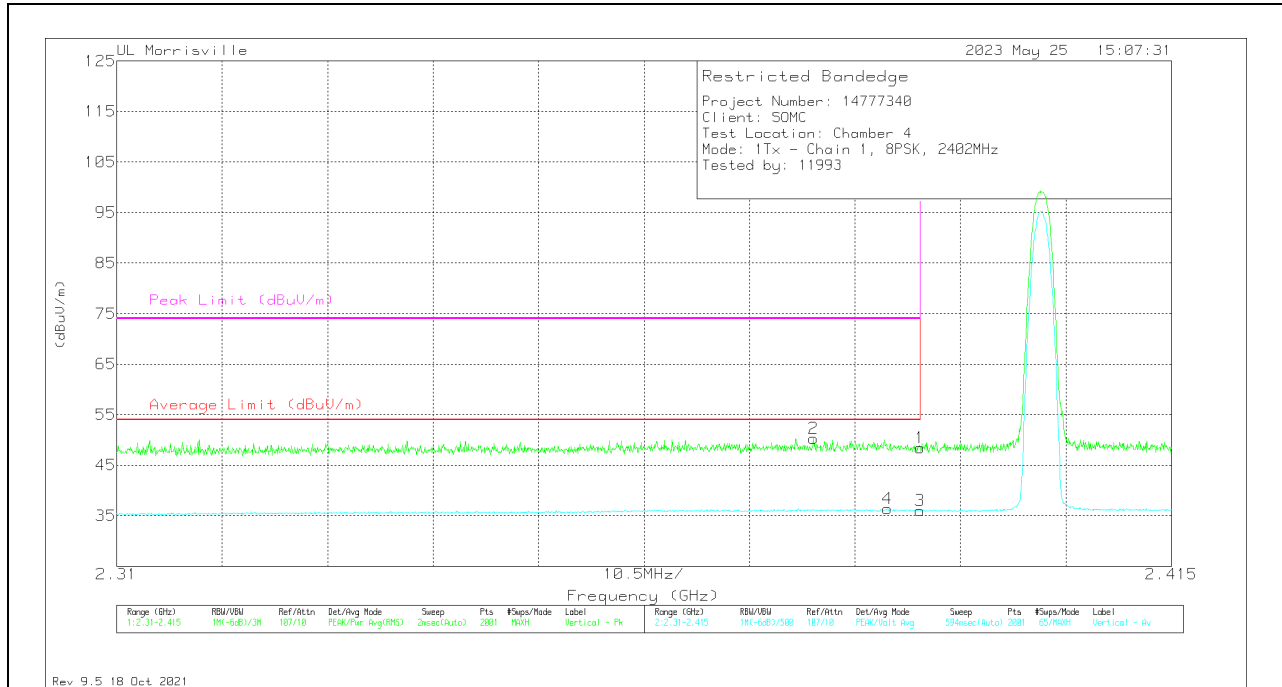
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	29.78	Pk	32.2	-13.6	48.38	-	-	74	-25.62	69	130	H
2	*** 2.38592	31.83	Pk	32.2	-13.6	50.43	-	-	74	-23.57	69	130	H
3	*** 2.38996	17.36	V1TV	32.2	-13.6	35.96	54	-18.04	-	-	69	130	H
4	*** 2.37967	17.75	V1TV	32.2	-13.6	36.35	54	-17.65	-	-	69	130	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

VERTICAL RESULT

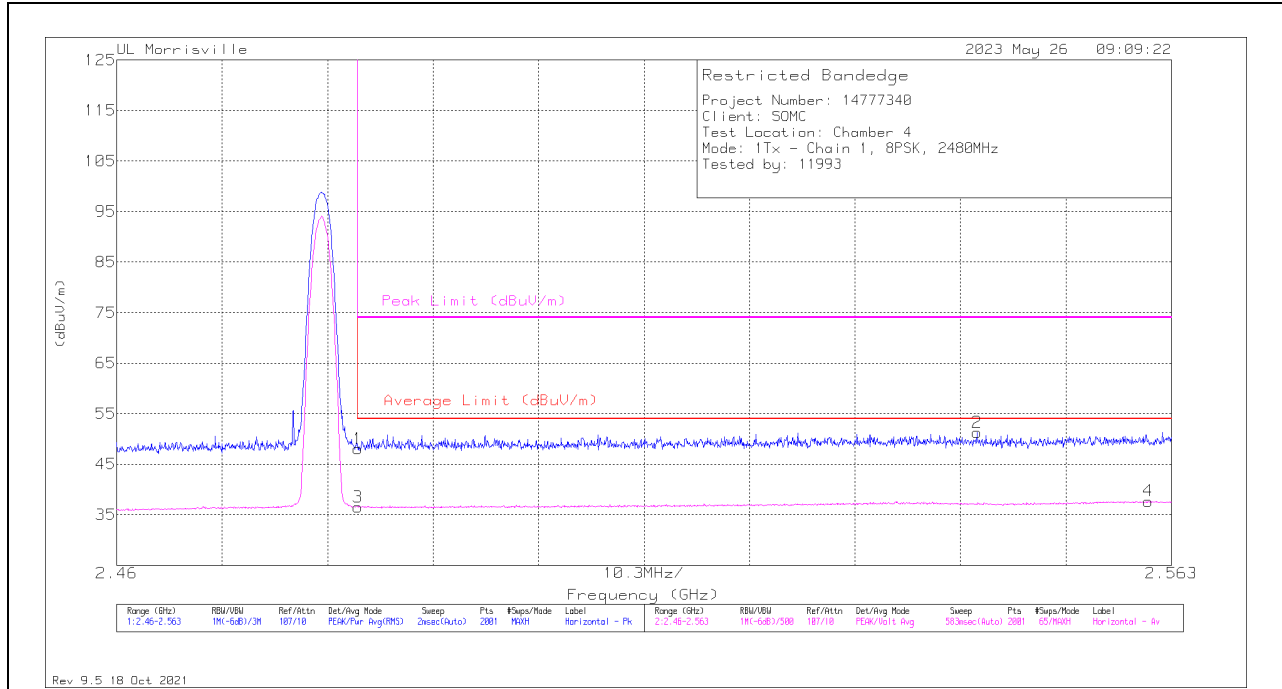


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	29.8	Pk	32.2	-13.6	48.4	-	-	74	-25.6	24	146	V
2	*** 2.37935	31.72	Pk	32.2	-13.6	50.32	-	-	74	-23.68	24	146	V
3	*** 2.38996	17.46	V1TV	32.2	-13.6	36.06	54	-17.94	-	-	24	146	V
4	*** 2.38676	17.81	V1TV	32.2	-13.6	36.41	54	-17.59	-	-	24	146	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

BANDEDGE (HIGH CHANNEL)

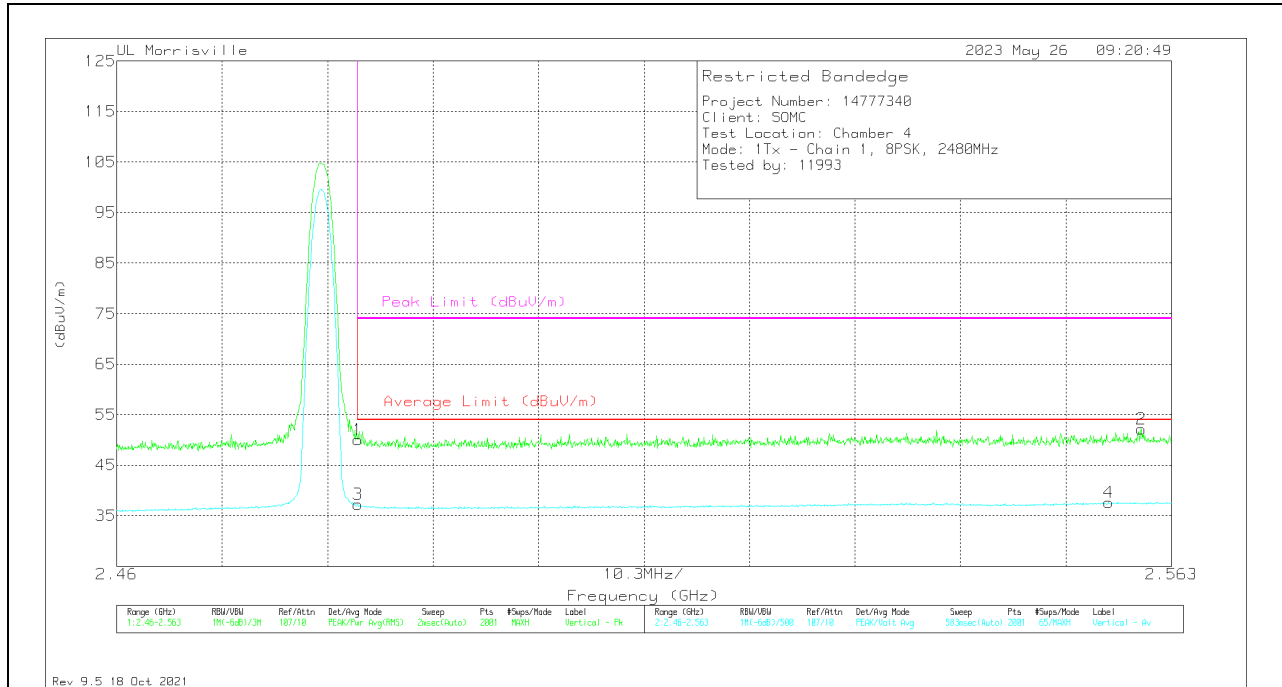
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	29.18	Pk	32.6	-13.7	48.08	-	-	74	-25.92	81	102	H
2	** 2.544	32.06	Pk	32.8	-13.6	51.26	-	-	74	-22.74	81	102	H
3	*** 2.48354	17.63	V1TV	32.6	-13.7	36.53	54	-17.47	-	-	81	102	H
4	** 2.56073	18.29	V1TV	32.7	-13.3	37.69	54	-16.31	-	-	81	102	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

VERTICAL RESULT

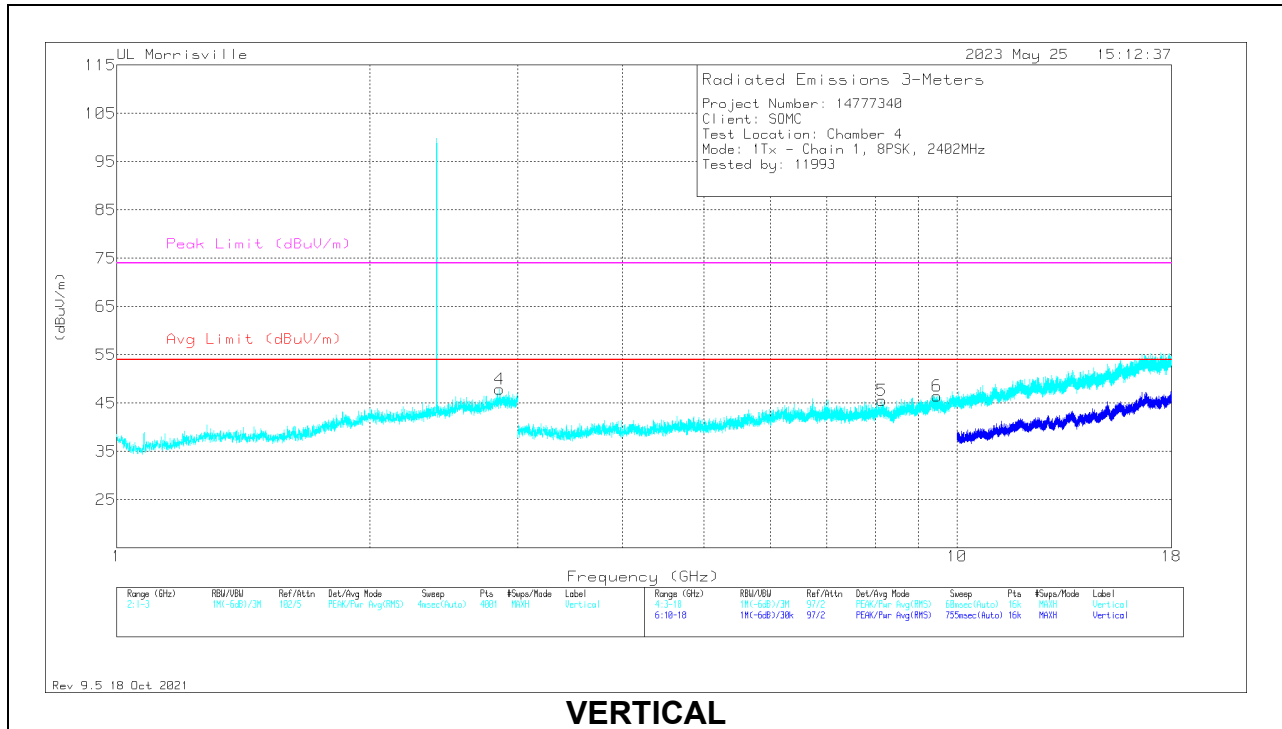
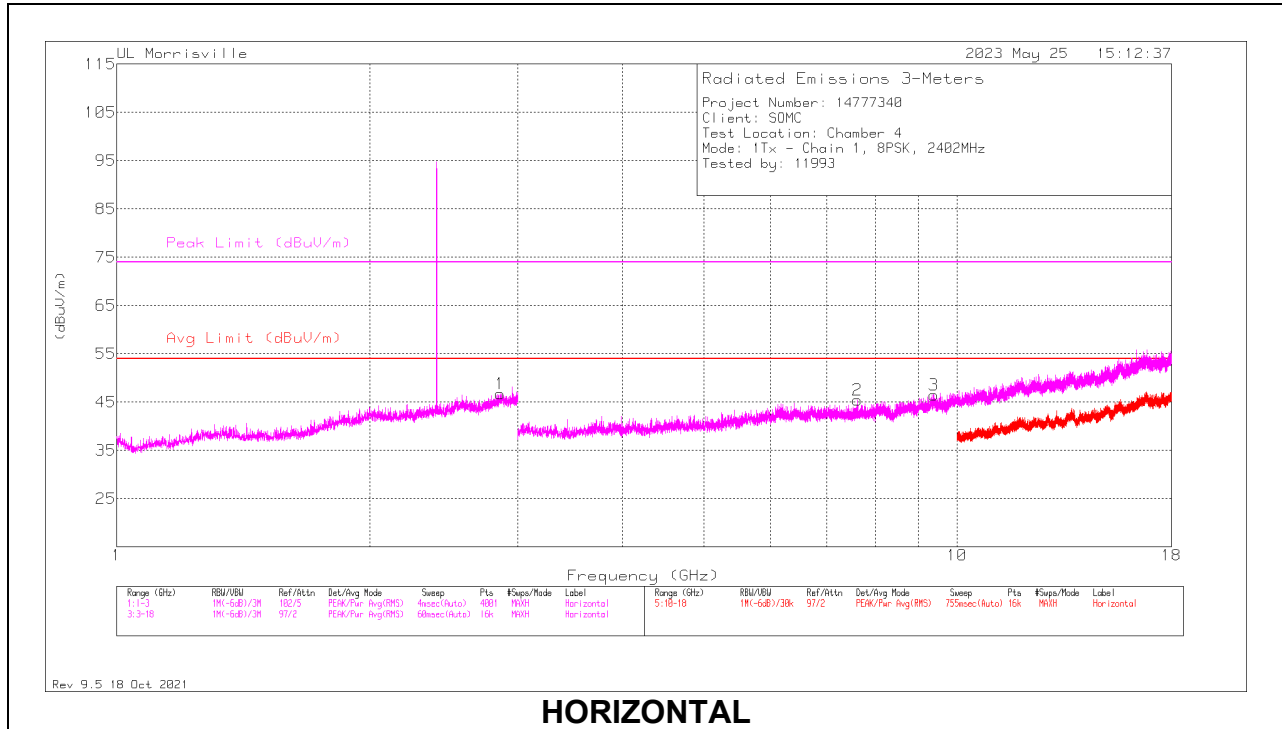


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	31.13	Pk	32.6	-13.7	50.03	-	-	74	-23.97	26	101	V
2	** 2.56006	32.72	Pk	32.7	-13.3	52.12	-	-	74	-21.88	26	101	V
3	*** 2.48354	18.34	V1TV	32.6	-13.7	37.24	54	-16.76	-	-	26	100	V
4	** 2.55687	18.25	V1TV	32.7	-13.3	37.65	54	-16.35	-	-	26	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 V1TV - VB=1/Ton, Linear Voltage Average where: Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

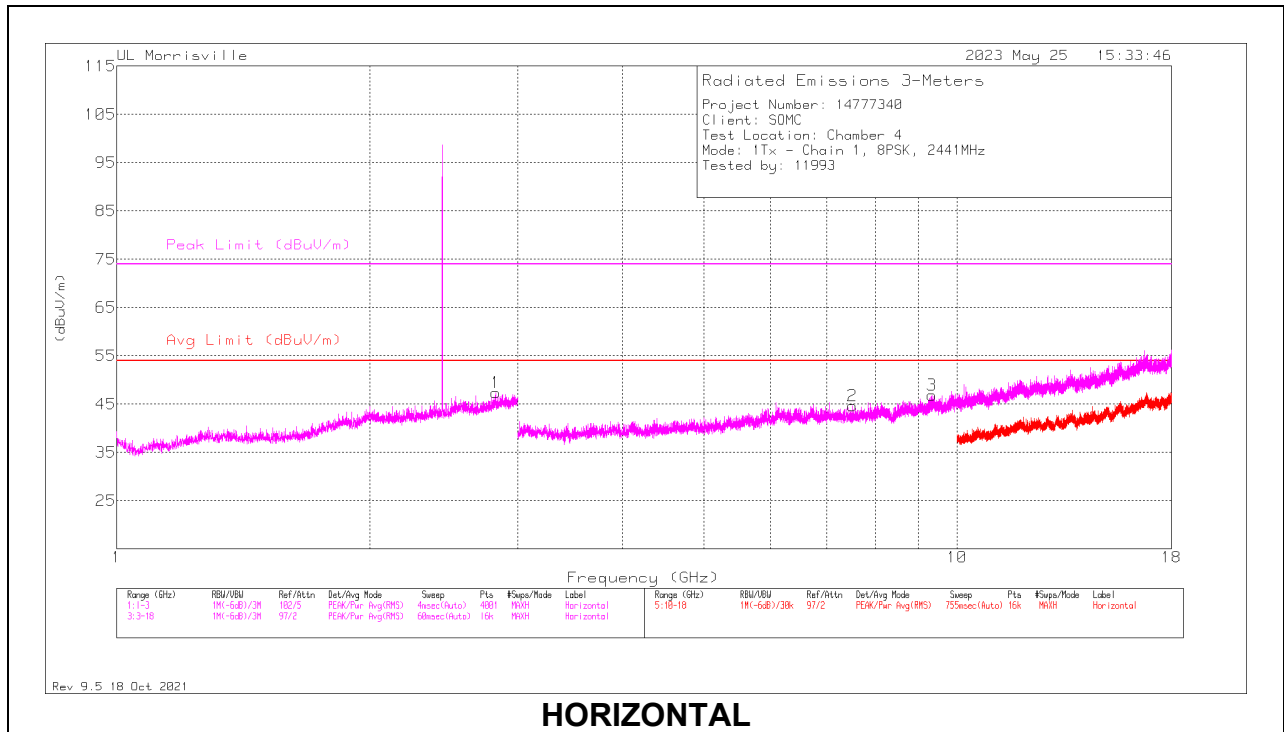
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.8625	27.07	Pk	32.6	-12.9	46.77	54	-7.23	74	-27.23	0-360	100	H
4	*** 2.8545	28.14	Pk	32.6	-12.8	47.94	54	-6.06	74	-26.06	0-360	200	V
2	** 7.61625	37.58	Pk	35.7	-27.8	45.48	54	-8.52	74	-28.52	0-360	100	H
3	** 9.39469	35.66	Pk	36.5	-25.7	46.46	54	-7.54	74	-27.54	0-360	100	H
5	** 8.13938	37.41	Pk	35.8	-27.6	45.61	54	-8.39	74	-28.39	0-360	200	V
6	*** 9.46781	35.99	Pk	36.5	-26	46.49	54	-7.51	74	-27.51	0-360	200	V

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

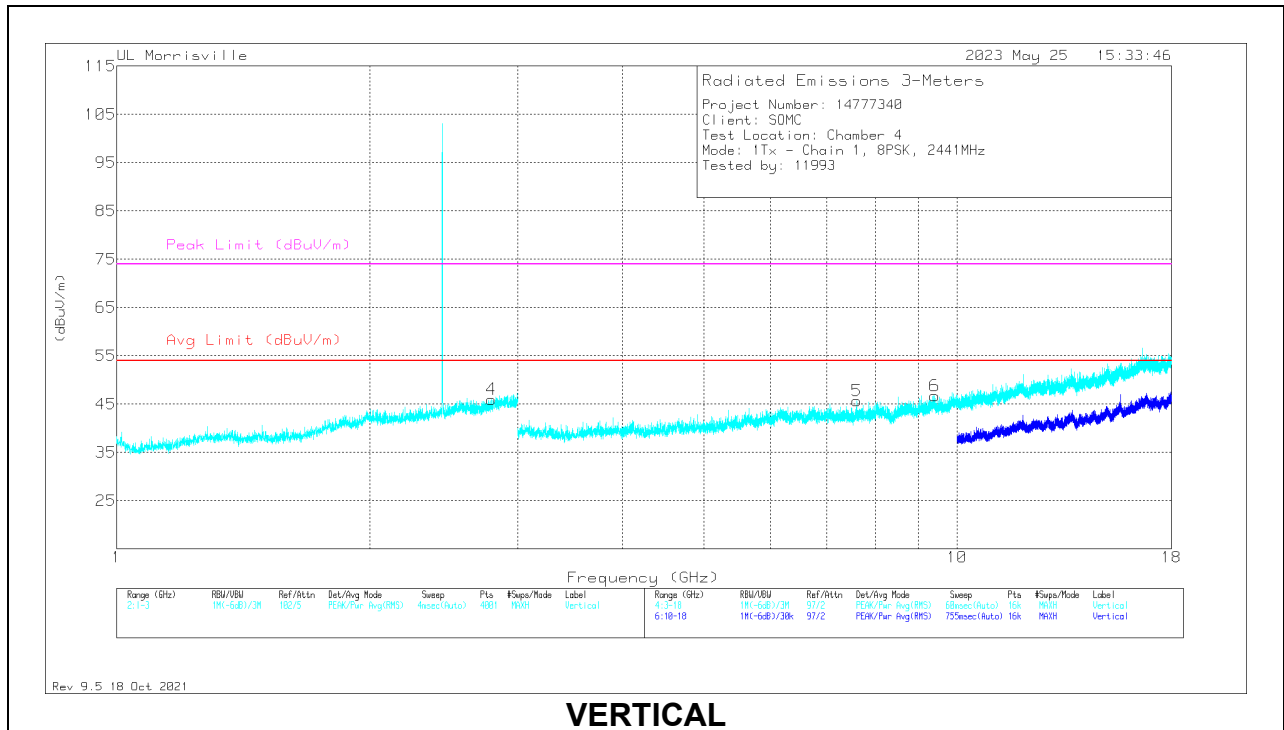
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

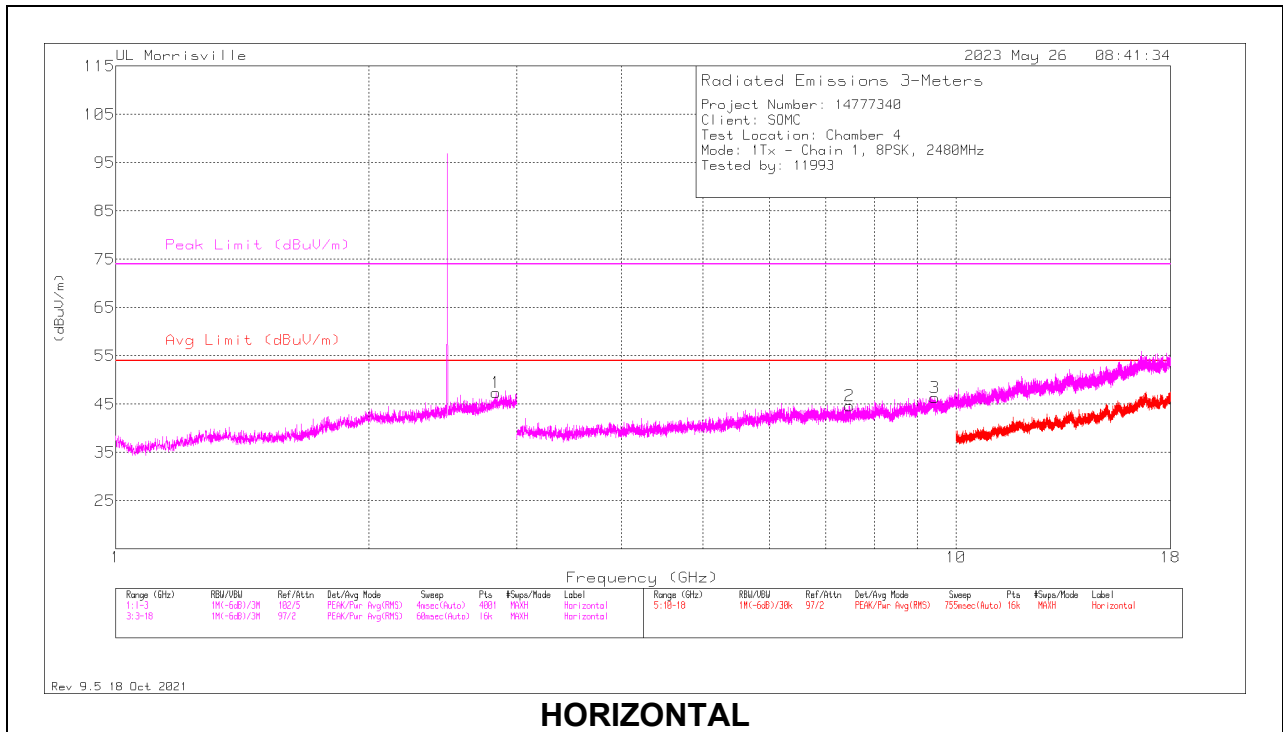
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.8275	27.63	Pk	32.6	-12.8	47.43	54	-6.57	74	-26.57	0-360	100	H
4	*** 2.794	26.42	Pk	32.6	-13	46.02	54	-7.98	74	-27.98	0-360	200	V
2	*** 7.50469	37.46	Pk	35.6	-28.4	44.66	54	-9.34	74	-29.34	0-360	100	H
3	*** 9.34313	35.71	Pk	36.4	-25.3	46.81	54	-7.19	74	-27.19	0-360	100	H
5	*** 7.59469	37.99	Pk	35.7	-28	45.69	54	-8.31	74	-28.31	0-360	200	V
6	*** 9.41156	36.12	Pk	36.5	-25.9	46.72	54	-7.28	74	-27.28	0-360	200	V

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

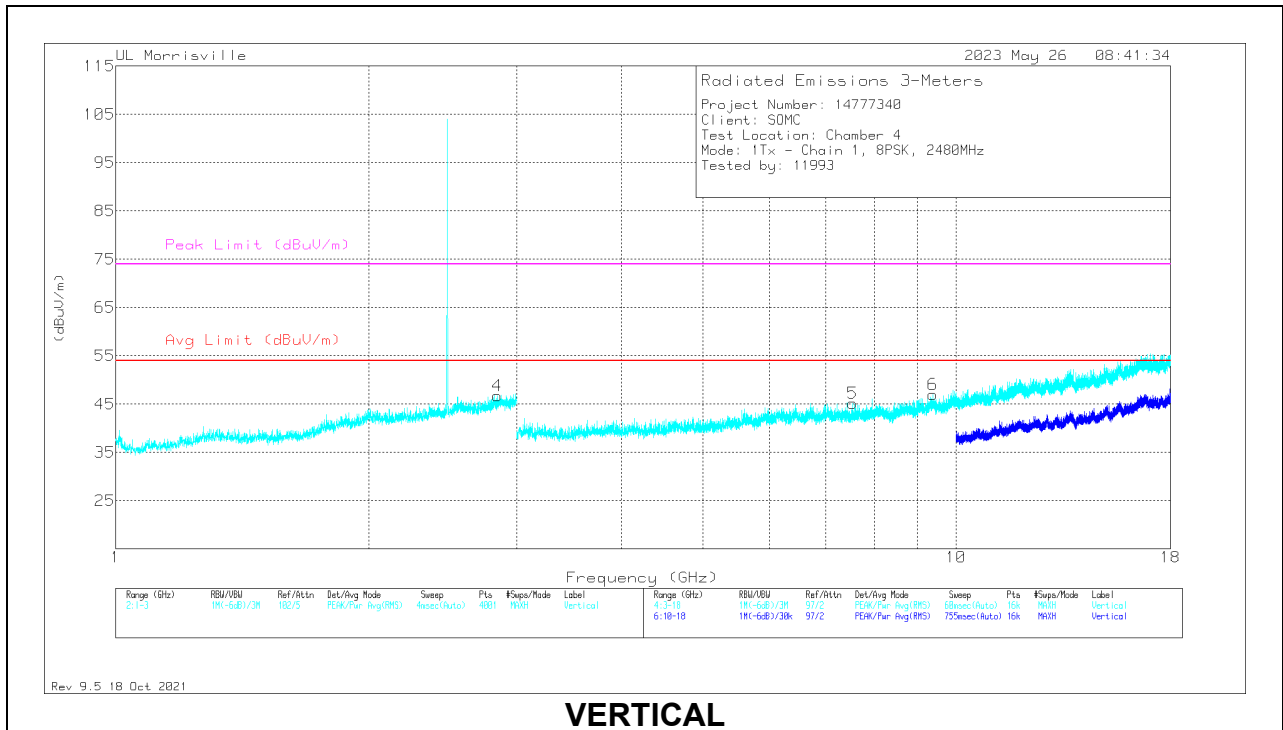
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	*** 2.8375	27.6	Pk	32.6	-12.8	47.4	54	-6.6	74	-26.6	0-360	100	H
4	*** 2.846	27.04	Pk	32.5	-12.8	46.74	54	-7.26	74	-27.26	0-360	200	V
2	*** 7.46531	37.53	Pk	35.6	-28.5	44.63	54	-9.37	74	-29.37	0-360	100	H
3	*** 9.43219	35.79	Pk	36.5	-25.9	46.39	54	-7.61	74	-27.61	0-360	100	H
5	*** 7.53656	37.7	Pk	35.7	-28.2	45.2	54	-8.8	74	-28.8	0-360	200	V
6	*** 9.3825	35.95	Pk	36.5	-25.4	47.05	54	-6.95	74	-26.95	0-360	200	V

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

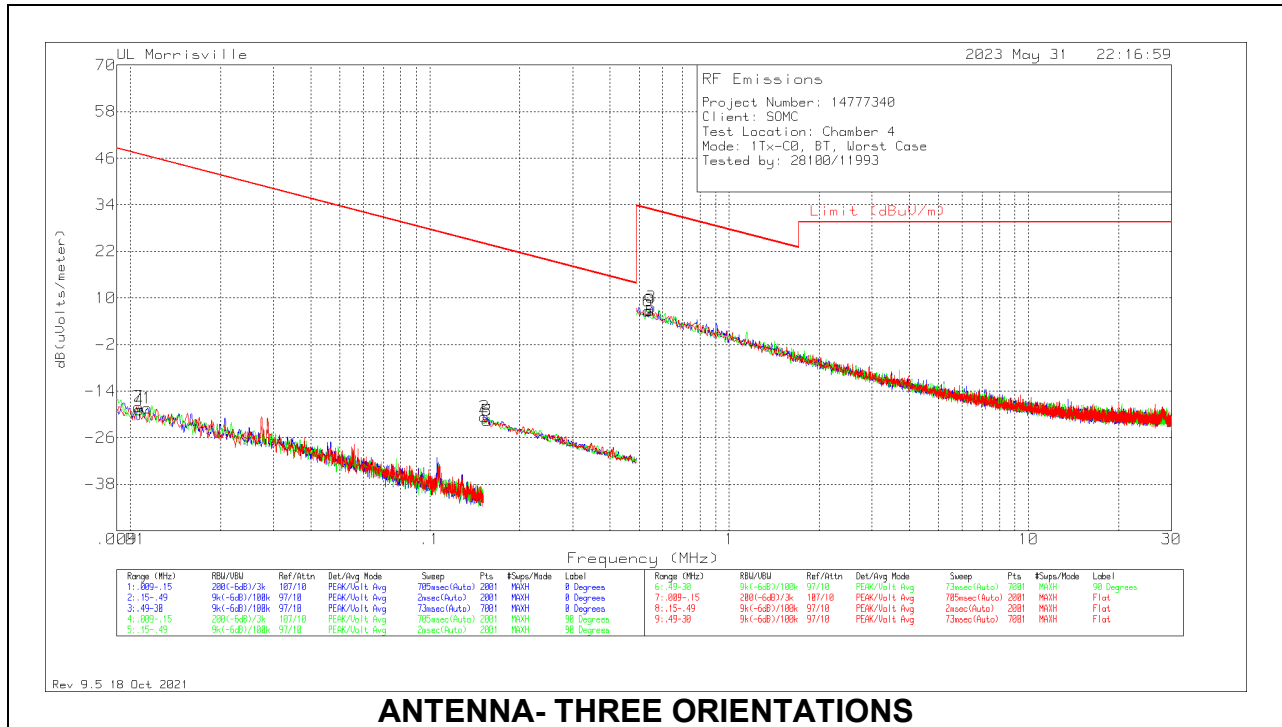
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.2. WORST CASE BELOW 30MHz

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 $40 \cdot \log(\text{test distance} / \text{specification distance})$.

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION CHAIN 0)

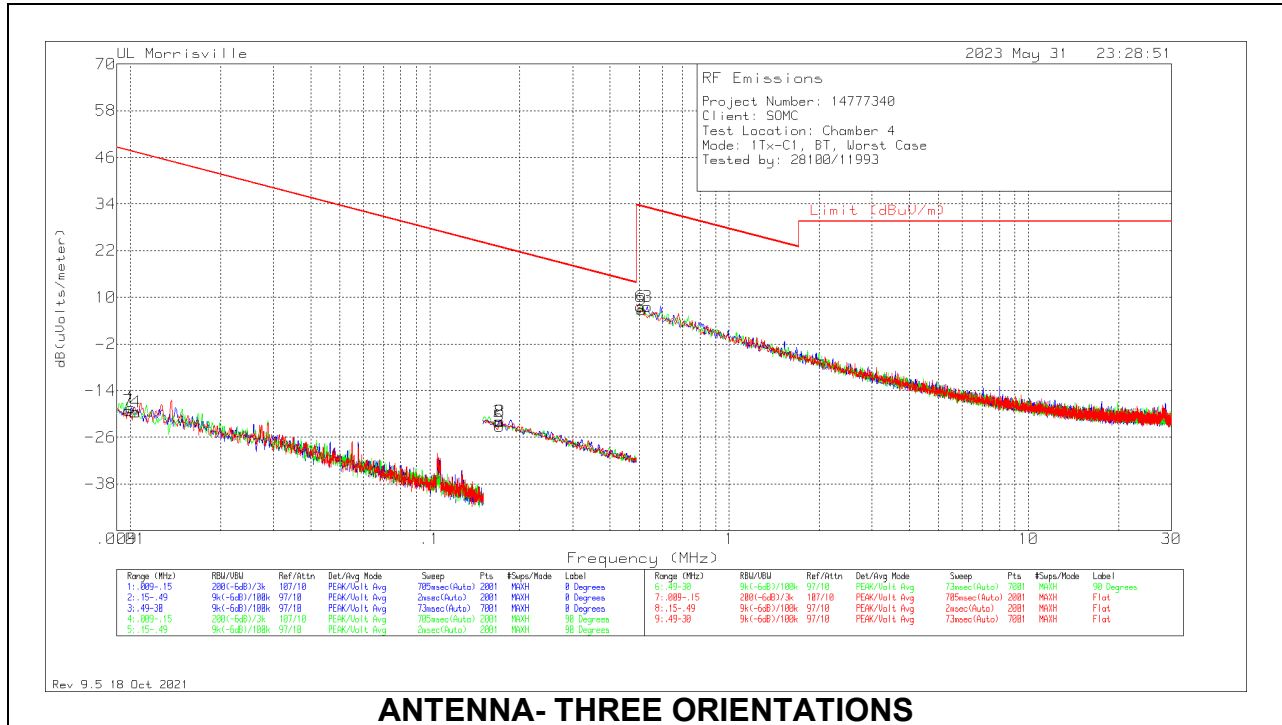


ANTENNA- THREE ORIENTATIONS

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
7	.01063	42.89	Pk	19	0	-80	-18.11	47.07	67.07	-65.18	0-360	Flat
4	.0107	42.15	Pk	19	0	-80	-18.85	47.01	67.01	-65.86	0-360	90 degs
1	.01141	42.96	Pk	18.7	0	-80	-18.34	46.46	66.46	-64.8	0-360	0 degs
2	.15204	47.11	Pk	12.2	.1	-80	-20.59	23.97	43.97	-44.56	0-360	0 degs
8	.1551	46.14	Pk	12.2	.1	-80	-21.56	23.79	43.79	-45.35	0-360	Flat
5	.15527	46.17	Pk	12.2	.1	-80	-21.53	23.78	43.78	-45.31	0-360	90 degs
6	.53638	34.38	Pk	12.2	.1	-40	6.68	33.01	-	-26.33	0-360	90 degs
9	.54481	34.56	Pk	12.2	.1	-40	6.86	32.88	-	-26.02	0-360	Flat
3	.54902	35.36	Pk	12.2	.1	-40	7.66	32.81	-	-25.15	0-360	0 degs

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION CHAIN 1)



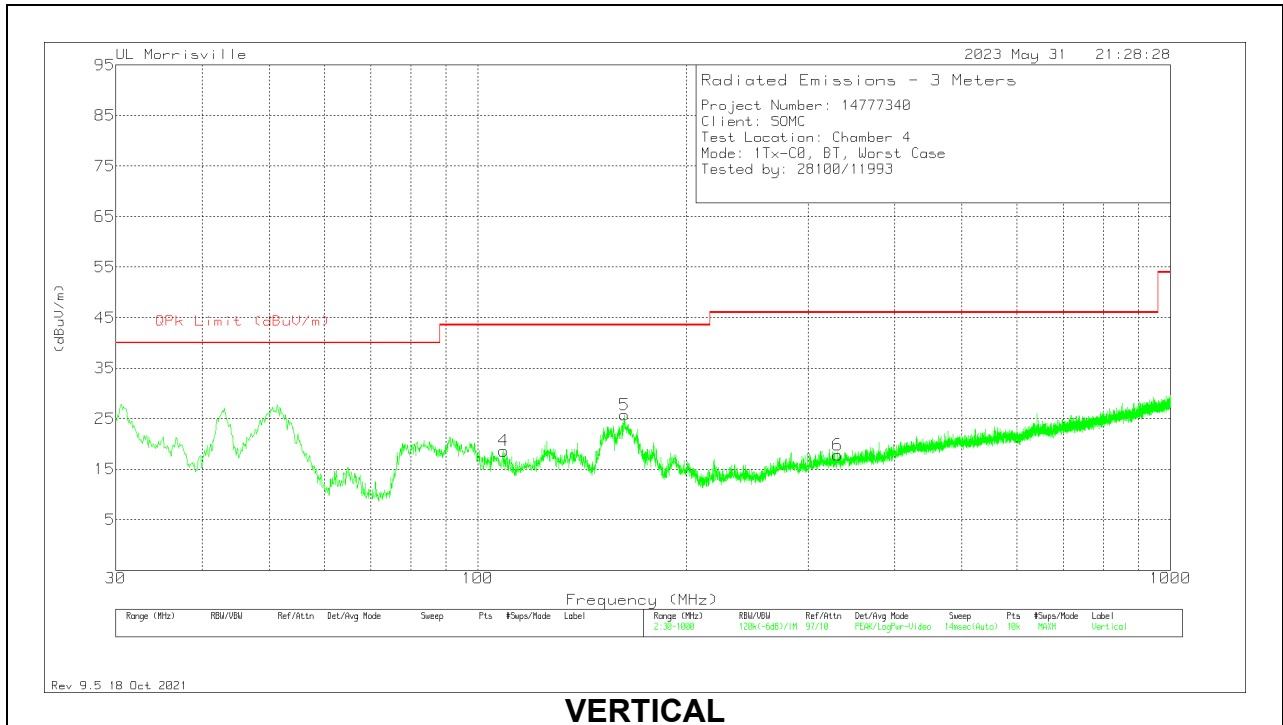
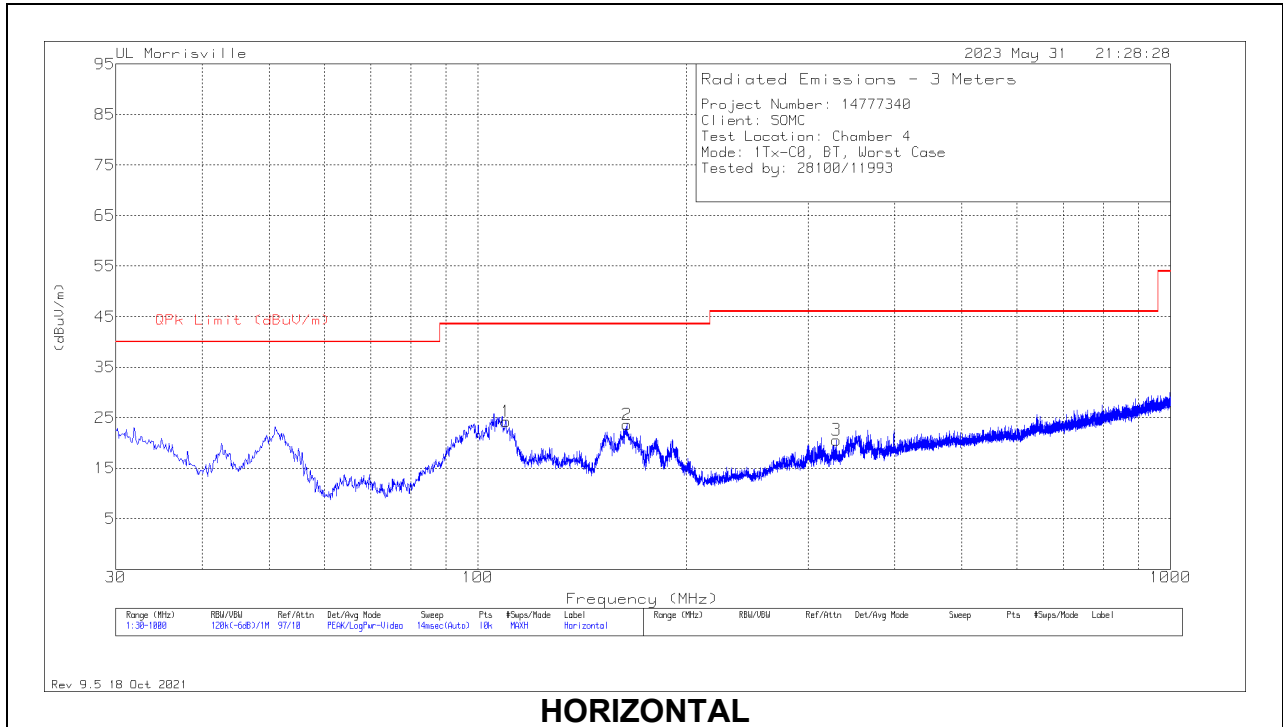
ANTENNA- THREE ORIENTATIONS

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
7	.00985	41.46	Pk	19.4	0	-80	-19.14	47.73	67.73	-66.87	0-360	Flat
1	.01007	42.31	PK	19.3	0	-80	-18.39	47.55	67.55	-65.94	0-360	0 degs
4	.01042	41.45	Pk	19.1	0	-80	-19.45	47.25	67.25	-66.7	0-360	90 degs
2	.17023	45.77	PK	12.2	.1	-80	-21.93	22.98	42.98	-44.91	0-360	0 degs
5	.17108	44.53	PK	12.2	.1	-80	-23.17	22.94	42.94	-46.11	0-360	90 degs
8	.17193	45.81	PK	12.2	.1	-80	-21.89	22.9	42.9	-44.79	0-360	Flat
6	.50686	35.3	Pk	12.2	.1	-40	7.6	33.51	-	-25.91	0-360	90 degs
9	.51108	34.51	PK	12.2	.1	-40	6.81	33.43	-	-26.62	0-360	Flat
3	.53216	35.27	PK	12.2	.1	-40	7.57	33.08	-	-25.51	0-360	0 degs

Pk - Peak detector

10.3. WORST CASE 30-1000MHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION CHAIN 0)



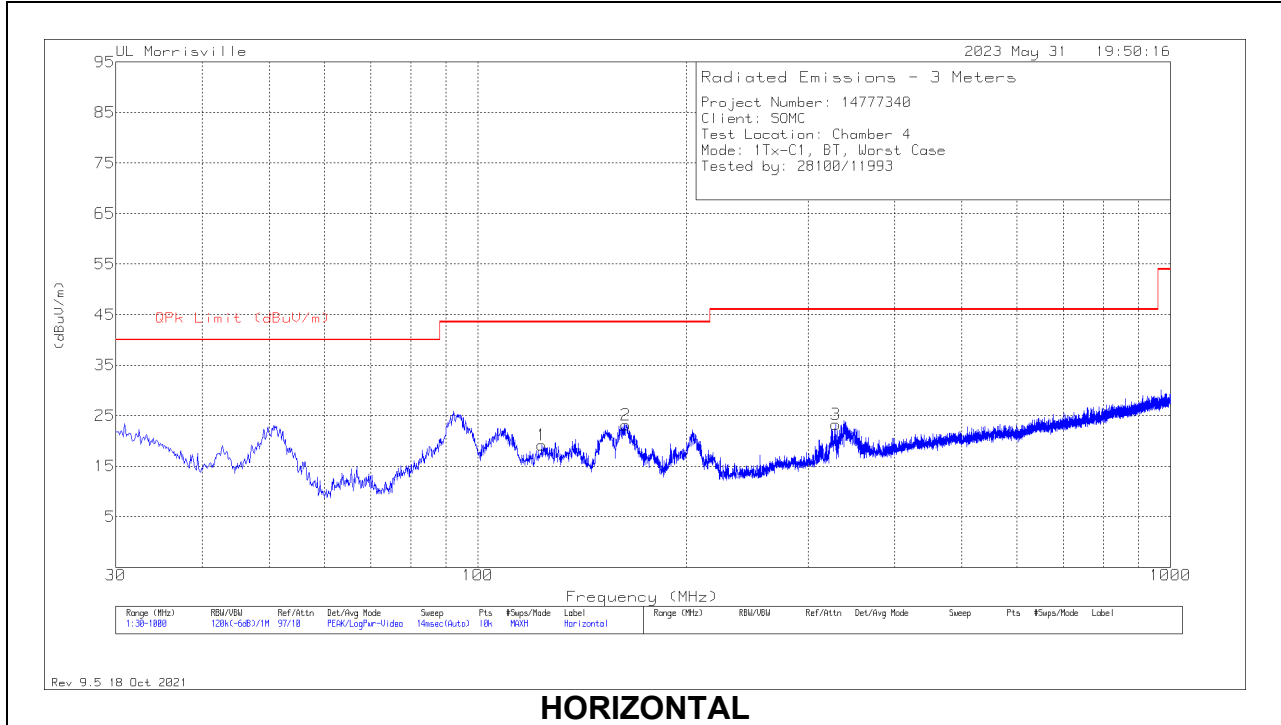
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 109.734	36.11	Pk	18.7	-30.6	24.21	43.52	-19.31	0-360	200	H
2	* ** 164.248	35.29	Pk	18.3	-30	23.59	43.52	-19.93	0-360	100	H
3	* ** 329.342	29.5	Pk	20.1	-29	20.6	46.02	-25.42	0-360	100	H
4	* ** 108.958	30.42	Pk	18.6	-30.4	18.62	43.52	-24.9	0-360	200	V
5	* ** 162.987	37.42	Pk	18.4	-30.1	25.72	43.52	-17.8	0-360	100	V
6	* ** 330.603	26.65	Pk	20.1	-28.9	17.85	46.02	-28.17	0-360	100	V

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

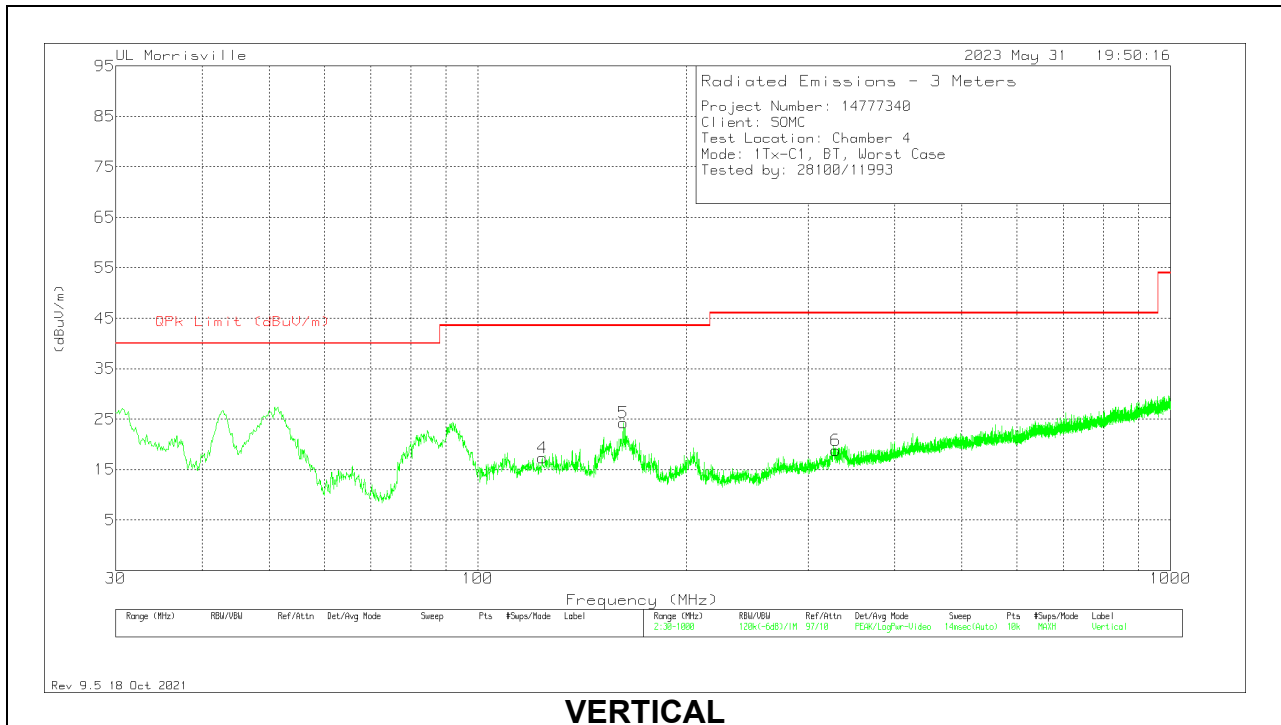
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION CHAIN 1)



HORIZONTAL



VERTICAL

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	* ** 123.605	29.54	Pk	20.1	-30.5	19.14	43.52	-24.38	0-360	200	H
2	* ** 163.375	34.8	Pk	18.4	-30.1	23.1	43.52	-20.42	0-360	100	H
3	* ** 328.857	32.32	Pk	20.1	-29.1	23.32	46.02	-22.7	0-360	100	H
4	* ** 123.896	27.68	Pk	20.1	-30.5	17.28	43.52	-26.24	0-360	200	V
5	* ** 162.114	36.01	Pk	18.4	-30.2	24.21	43.52	-19.31	0-360	100	V
6	* ** 328.76	27.83	Pk	20.1	-29.1	18.83	46.02	-27.19	0-360	100	V

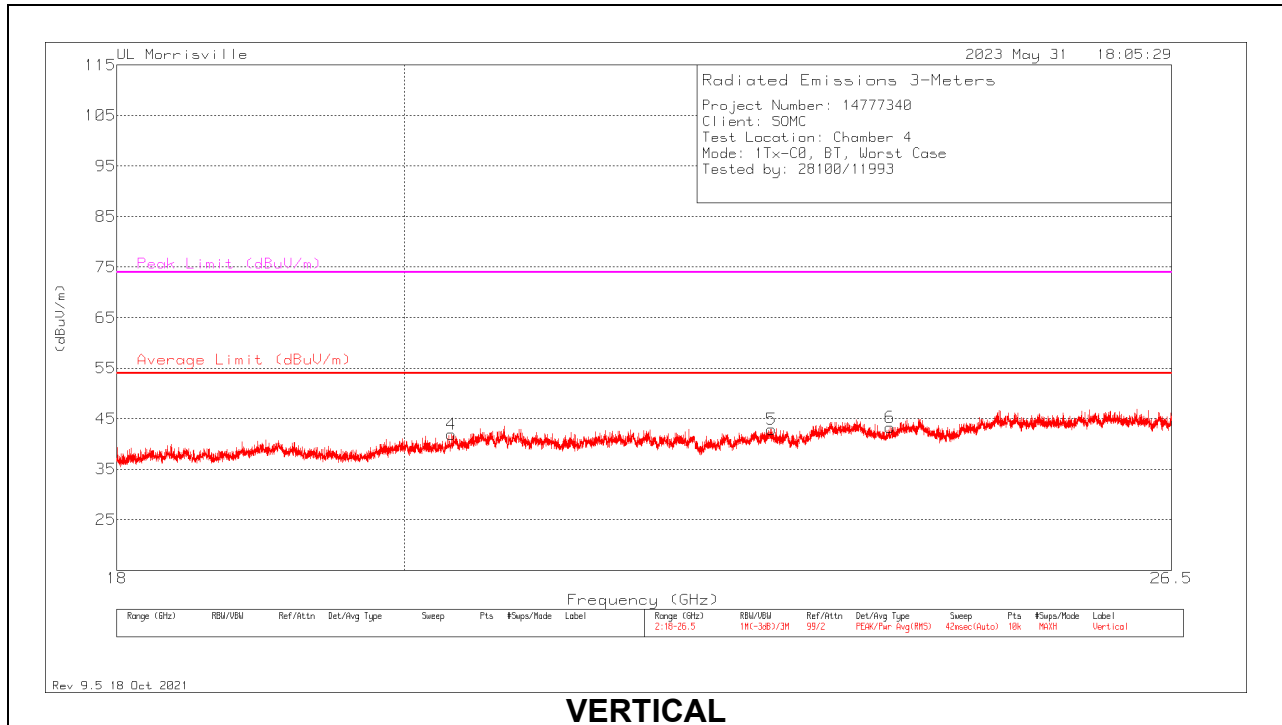
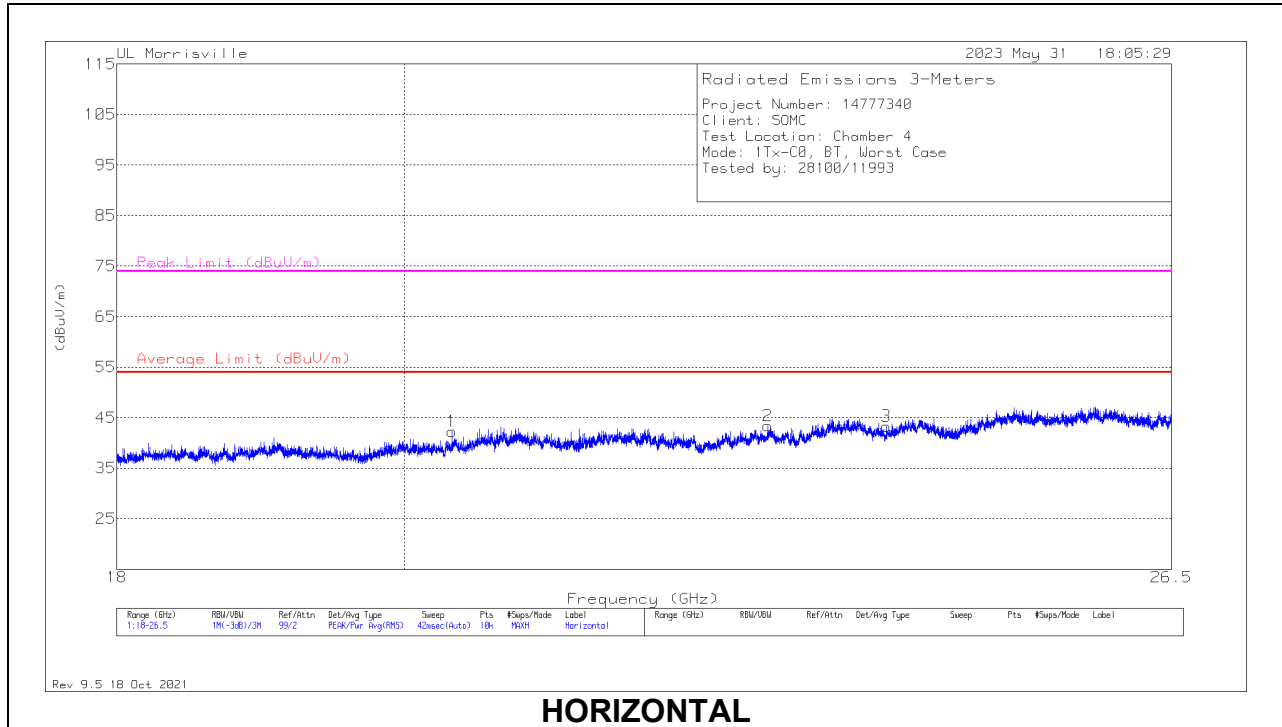
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.4. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION CHAIN 0)



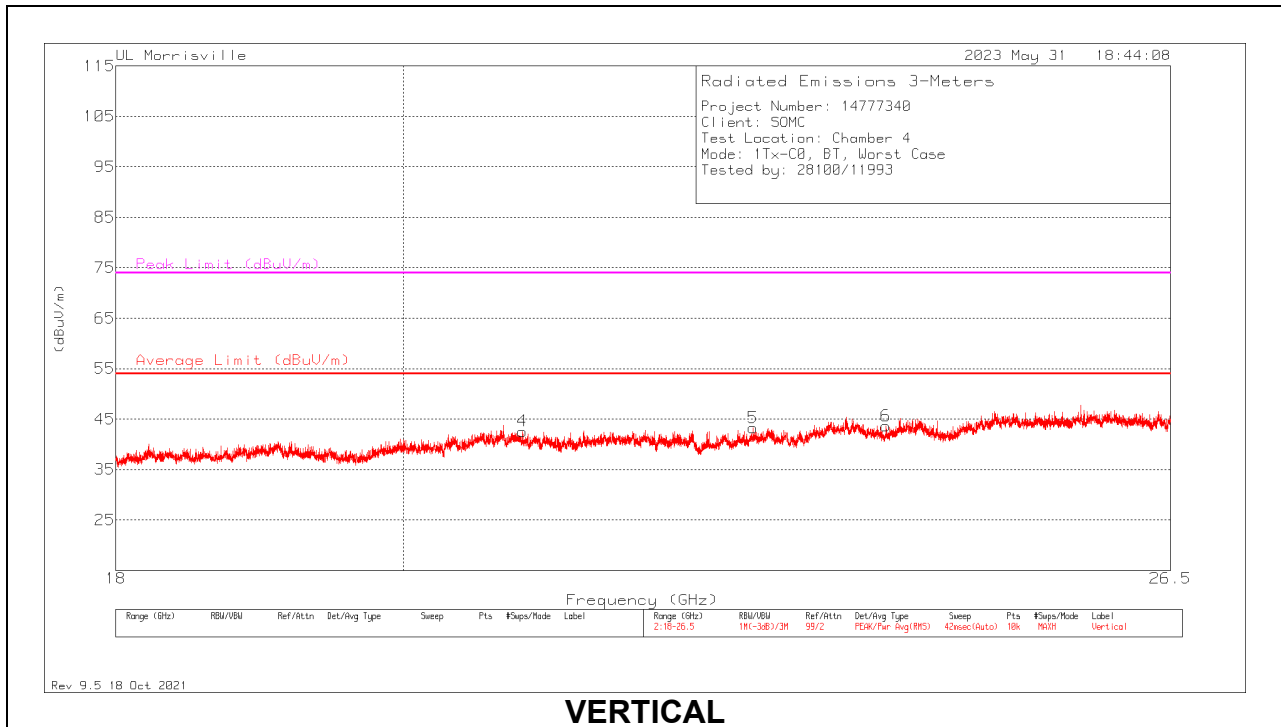
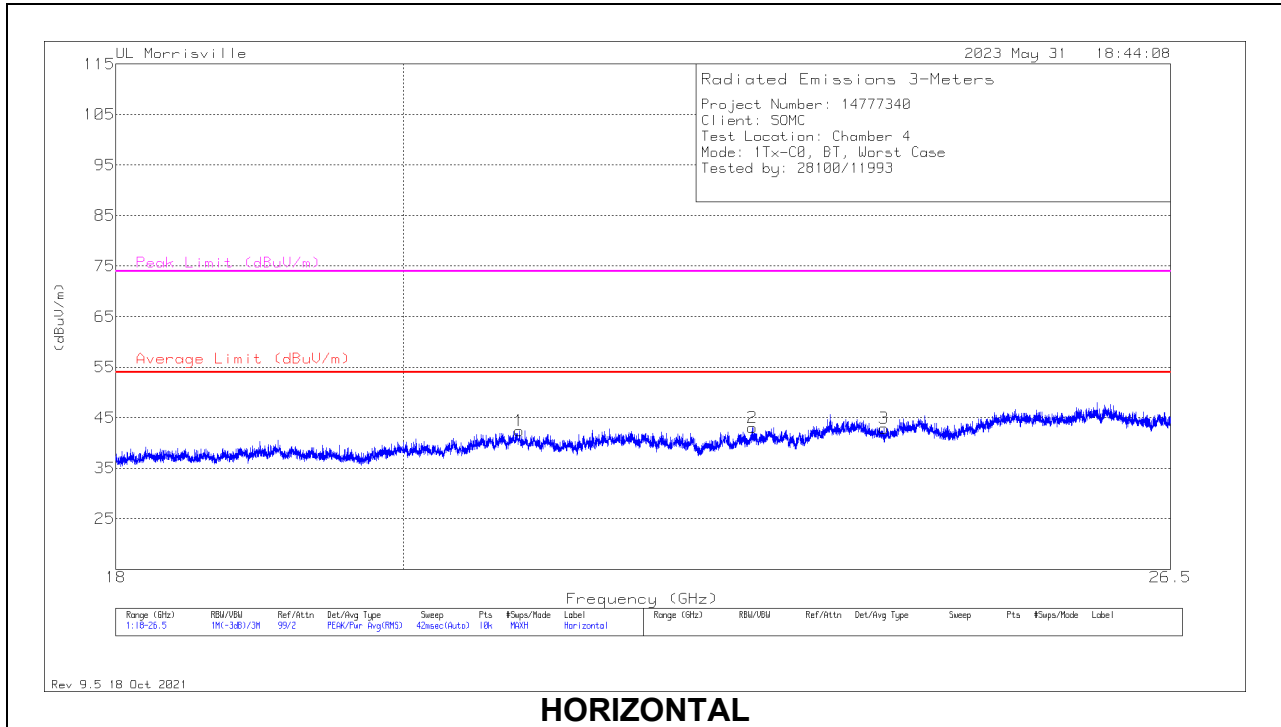
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 20.35511	49.4	Pk	34.1	-41.2	42.3	54	-11.7	74	-31.7	0-360	250	H
2	*** 22.85216	48.51	Pk	34.4	-39.5	43.41	54	-10.59	74	-30.59	0-360	100	H
3	*** 23.86696	46.63	Pk	35.1	-38.4	43.33	54	-10.67	74	-30.67	0-360	250	H
4	*** 20.35002	49.16	Pk	34.1	-41.4	41.86	54	-12.14	74	-32.14	0-360	200	V
5	*** 22.88701	47.79	Pk	34.4	-39.3	42.89	54	-11.11	74	-31.11	0-360	200	V
6	*** 23.90096	46.48	Pk	35	-38.2	43.28	54	-10.72	74	-30.72	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

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION CHAIN 1)



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	*** 20.87271	49.31	Pk	33.9	-40.8	42.41	54	-11.59	74	-31.59	0-360	100	H
2	*** 22.73573	48.08	Pk	34.3	-39.4	42.98	54	-11.02	74	-31.02	0-360	250	H
3	*** 23.85506	46.36	Pk	35.1	-38.6	42.86	54	-11.14	74	-31.14	0-360	250	H
4	*** 20.89566	49.39	Pk	33.9	-40.7	42.59	54	-11.41	74	-31.41	0-360	300	V
5	*** 22.73913	48.4	Pk	34.3	-39.4	43.3	54	-10.7	74	-30.7	0-360	300	V
6	*** 23.87291	46.86	Pk	35	-38.2	43.66	54	-10.34	74	-30.34	0-360	150	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

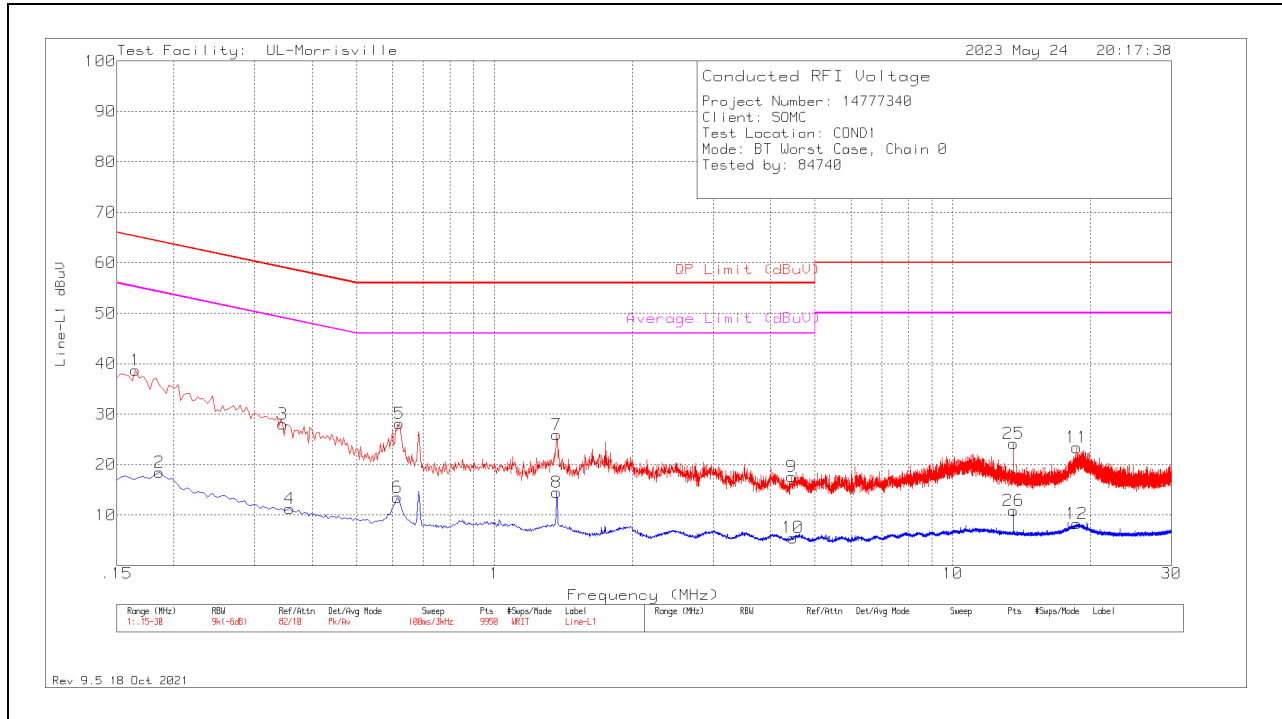
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

RESULTS

11.1.1. AC POWER LINE NORM – CHAIN 0

LINE 1 RESULTS

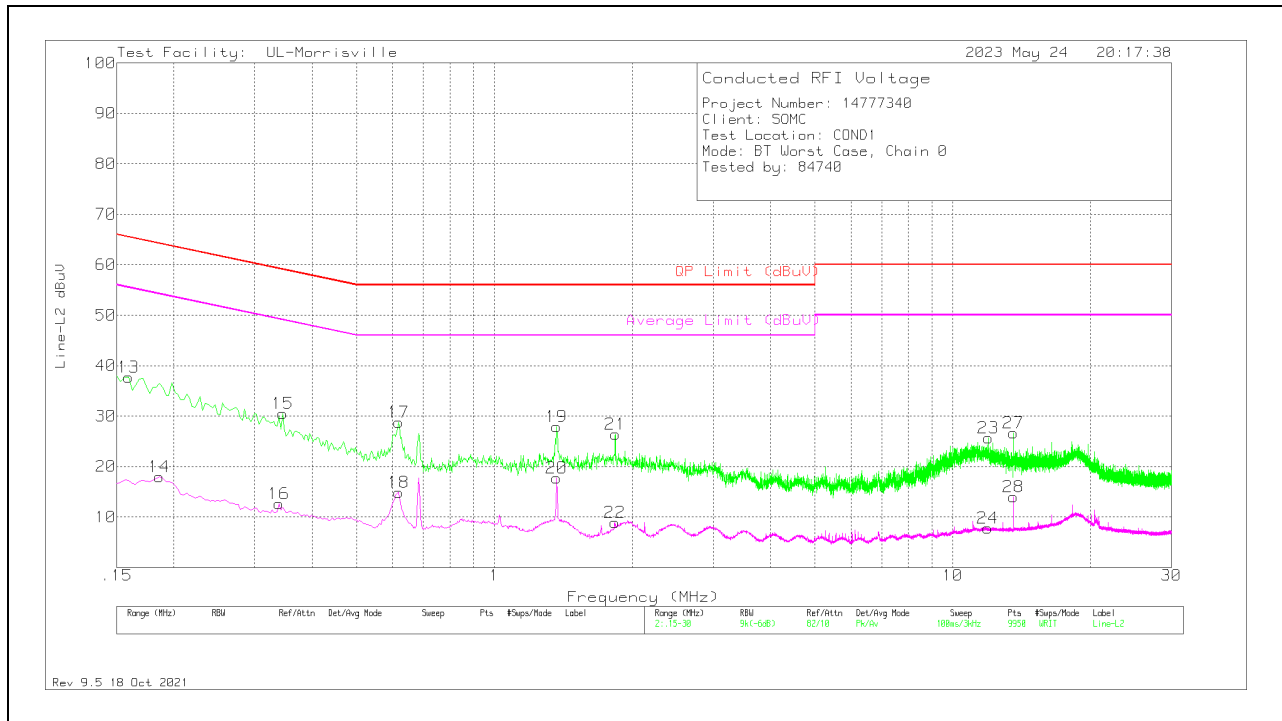


Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.165	28.66	Pk	.2	9.8	38.66	65.21	-26.55	-	-
2	.186	8.44	Av	.2	9.8	18.44	-	-	54.21	-35.77
3	.345	18.16	Pk	.1	9.8	28.06	59.08	-31.02	-	-
4	.357	1.38	Av	.1	9.8	11.28	-	-	48.8	-37.52
5	.621	18.32	Pk	0	9.8	28.12	56	-27.88	-	-
6	.615	3.68	Av	0	9.8	13.48	-	-	46	-32.52
7	1.368	16.15	Pk	0	9.8	25.95	56	-30.05	-	-
8	1.368	4.71	Av	0	9.8	14.51	-	-	46	-31.49
9	4.458	7.75	Pk	0	9.9	17.65	56	-38.35	-	-
10	4.473	-4.41	Av	0	9.9	5.49	-	-	46	-40.51
11	18.645	13.17	Pk	.1	10.1	23.37	60	-36.63	-	-
12	18.645	-1.95	Av	.1	10.1	8.25	-	-	50	-41.75
25	13.563	14.04	Pk	.1	10	24.14	60	-35.86	-	-
26	13.56	.8	Av	.1	10	10.9	-	-	50	-39.1

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS

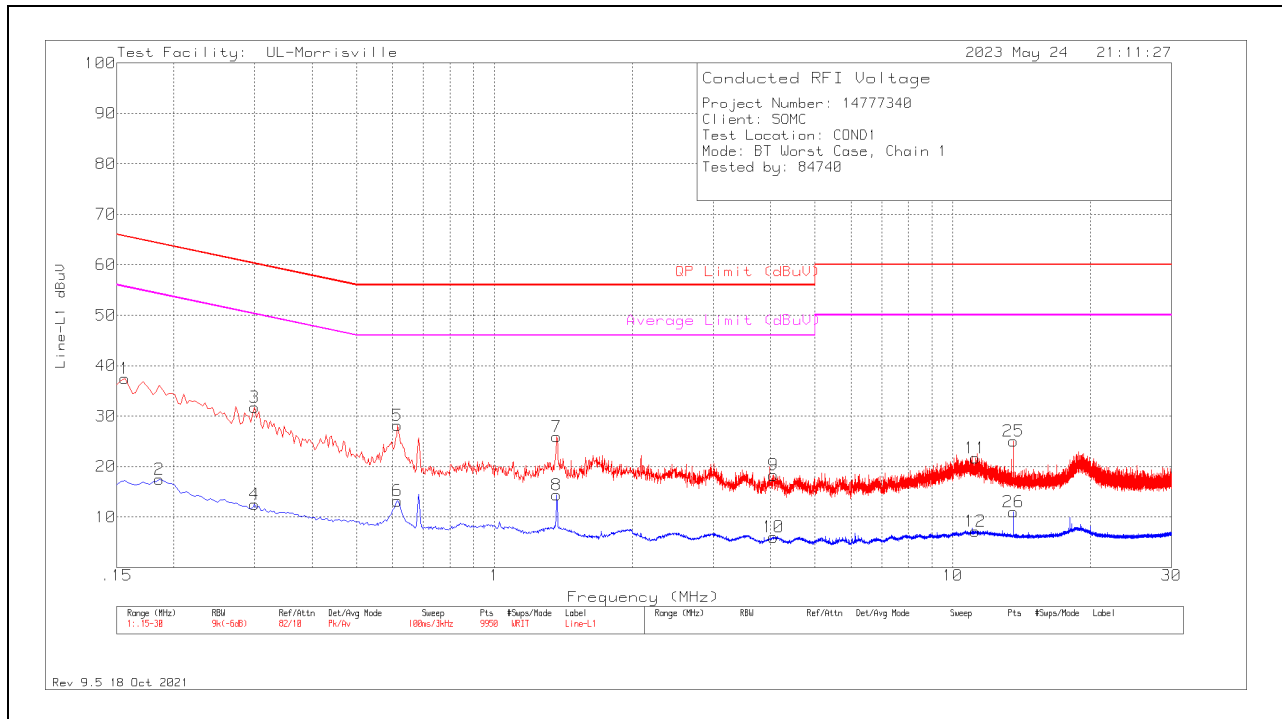


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.159	27.74	Pk	.2	9.8	37.74	65.52	-27.78	-	-
14	.186	7.98	Av	.2	9.8	17.98	-	-	54.21	-36.23
15	.345	20.55	Pk	.1	9.8	30.45	59.08	-28.63	-	-
16	.339	2.71	Av	.1	9.8	12.61	-	-	49.23	-36.62
17	.618	19.02	Pk	0	9.8	28.82	56	-27.18	-	-
18	.618	5.01	Av	0	9.8	14.81	-	-	46	-31.19
19	1.368	18.1	Pk	0	9.8	27.9	56	-28.1	-	-
20	1.368	7.91	Av	0	9.8	17.71	-	-	46	-28.29
21	1.836	16.58	Pk	0	9.8	26.38	56	-29.62	-	-
22	1.833	-94	Av	0	9.8	8.86	-	-	46	-37.14
23	11.952	15.62	Pk	.1	10	25.72	60	-34.28	-	-
24	11.94	-2.3	Av	.1	10	7.8	-	-	50	-42.2
27	13.563	16.58	Pk	.1	10	26.68	60	-33.32	-	-
28	13.563	3.84	Av	.1	10	13.94	-	-	50	-36.06

Pk - Peak detector
 Av - Average detection

11.1.2. AC POWER LINE NORM – CHAIN 1

LINE 1 RESULTS

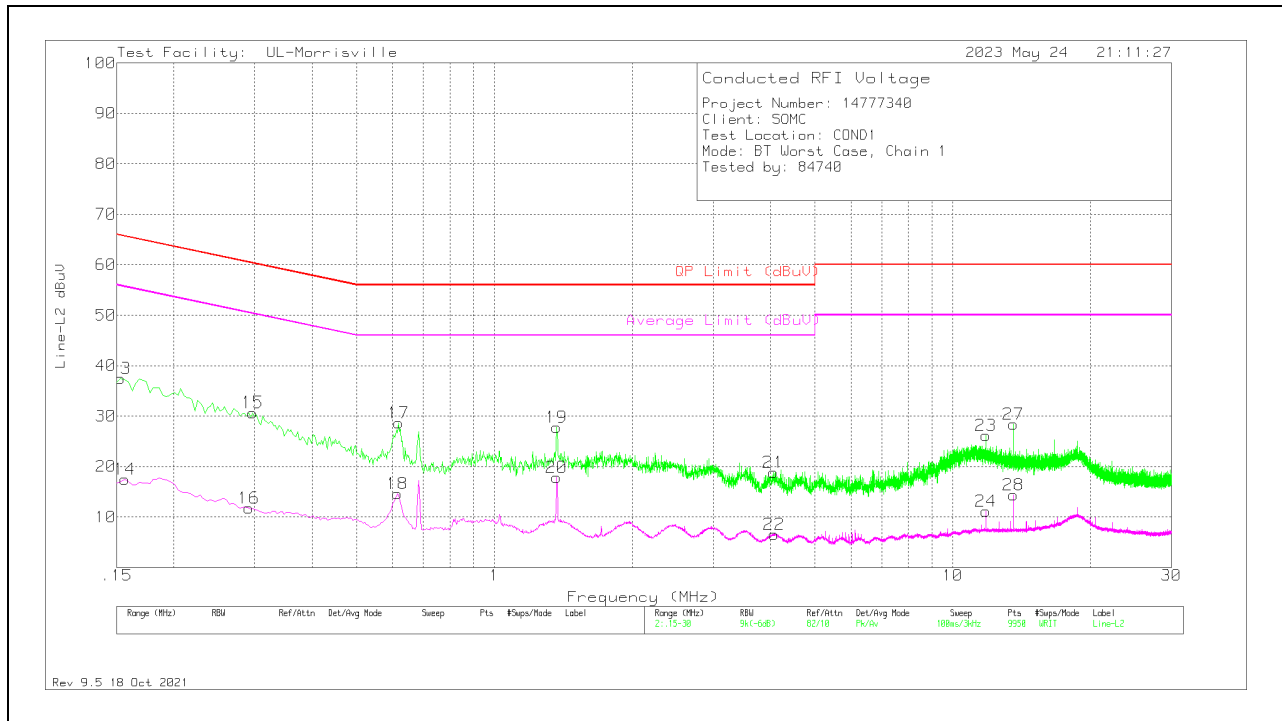


Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.156	27.41	Pk	.2	9.8	37.41	65.67	-28.26	-	-
2	.186	7.48	Av	.2	9.8	17.48	-	-	54.21	-36.73
3	.3	21.85	Pk	.1	9.8	31.75	60.24	-28.49	-	-
4	.3	2.64	Av	.1	9.8	12.54	-	-	50.24	-37.7
5	.615	18.37	Pk	0	9.8	28.17	56	-27.83	-	-
6	.615	3.39	Av	0	9.8	13.19	-	-	46	-32.81
7	1.368	16.1	Pk	0	9.8	25.9	56	-30.1	-	-
8	1.368	4.51	Av	0	9.8	14.31	-	-	46	-31.69
9	4.059	8.38	Pk	0	9.9	18.28	56	-37.72	-	-
10	4.065	-3.91	Av	0	9.9	5.99	-	-	46	-40.01
11	11.202	11.55	Pk	.1	10	21.65	60	-38.35	-	-
12	11.193	-2.89	Av	.1	10	7.21	-	-	50	-42.79
25	13.557	14.99	Pk	.1	10	25.09	60	-34.91	-	-
26	13.56	.86	Av	.1	10	10.96	-	-	50	-39.04

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	27.42	Pk	.2	9.8	37.42	65.84	-28.42	-	-
14	.156	7.48	Av	.2	9.8	17.48	-	-	55.67	-38.19
15	.297	20.79	Pk	.1	9.8	30.69	60.33	-29.64	-	-
16	.291	1.91	Av	.1	9.8	11.81	-	-	50.5	-38.69
17	.618	18.81	Pk	0	9.8	28.61	56	-27.39	-	-
18	.615	4.77	Av	0	9.8	14.57	-	-	46	-31.43
19	1.368	17.92	Pk	0	9.8	27.72	56	-28.28	-	-
20	1.368	8.01	Av	0	9.8	17.81	-	-	46	-28.19
21	4.059	8.97	Pk	0	9.9	18.87	56	-37.13	-	-
22	4.071	-3.33	Av	0	9.9	6.57	-	-	46	-39.43
23	11.82	16.01	Pk	.1	10	26.11	60	-33.89	-	-
24	11.82	.99	Av	.1	10	11.09	-	-	50	-38.91
27	13.563	18.3	Pk	.1	10	28.4	60	-31.6	-	-
28	13.56	4.32	Av	.1	10	14.42	-	-	50	-35.58

Pk - Peak detector
 Av - Average detection

12. SETUP PHOTOS

Please refer to R14777340-EP2 for setup photos.

END OF TEST REPORT