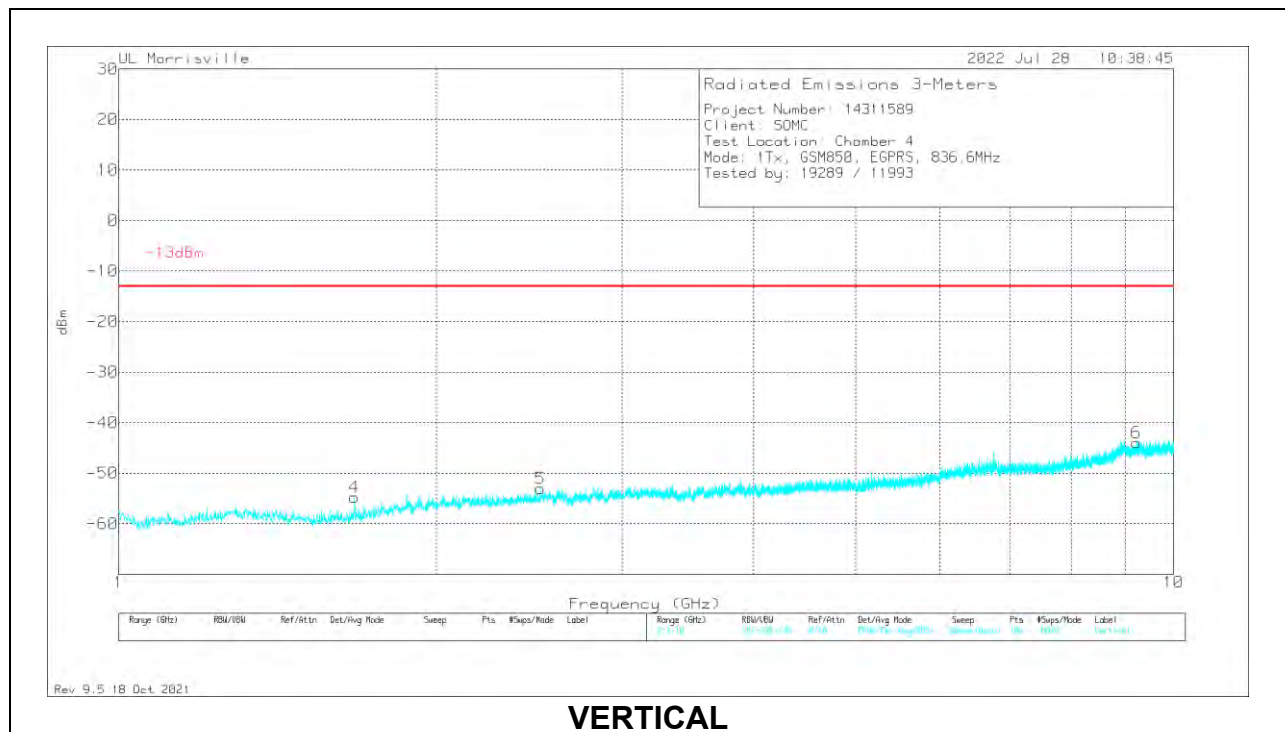
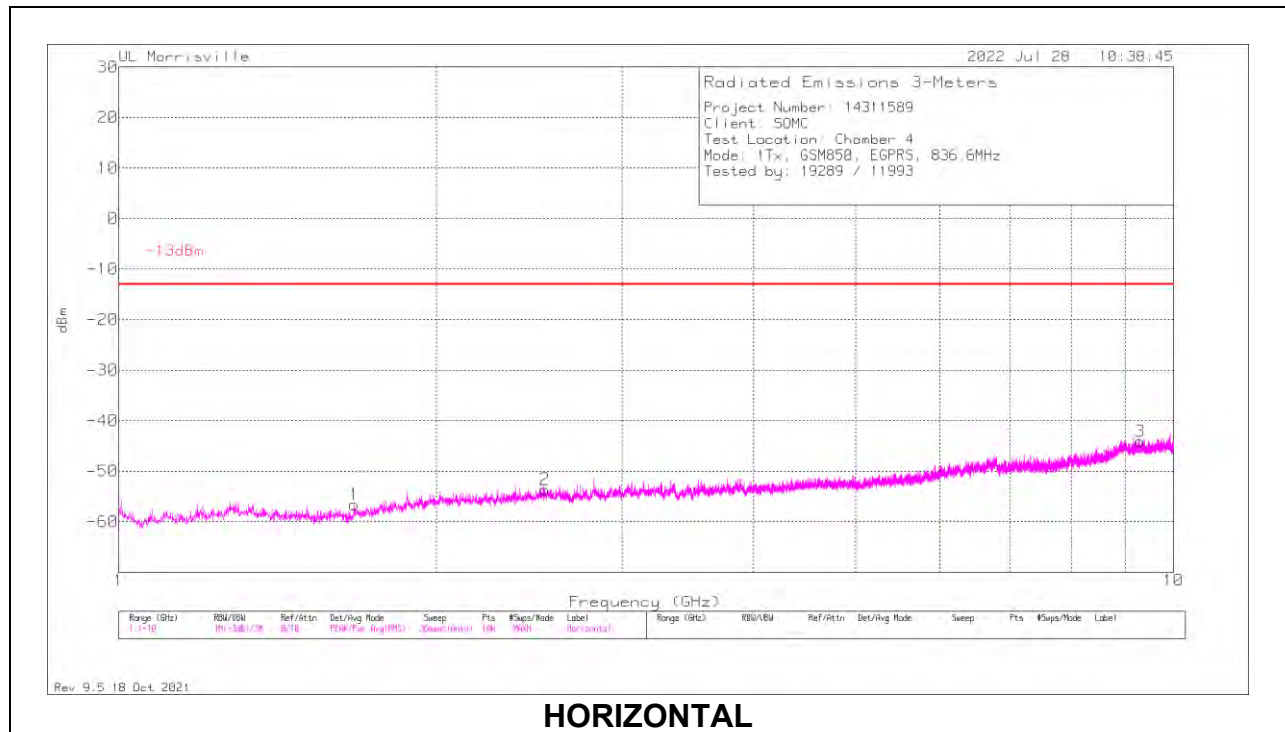


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.7614	-62.2	Pk	29.9	-36.2	.4	11.8	-56.3	-13	-43.3	0-360	100	H
4	1.7857	-62.64	Pk	30.2	-36.3	.4	11.8	-56.54	-13	-43.54	0-360	300	V
5	4.3786	-65.15	Pk	33.6	-32.5	.4	11.8	-51.85	-13	-38.85	0-360	300	V
2	4.3867	-64.89	Pk	33.6	-32.3	.4	11.8	-51.39	-13	-38.39	0-360	100	H
6	9.0235	-66.91	Pk	36.1	-26.1	.5	11.8	-44.61	-13	-31.61	0-360	300	V
3	9.0289	-66.99	Pk	36.1	-26.3	.5	11.8	-44.89	-13	-31.89	0-360	100	H

Pk - Peak detector

MID CHANNEL RESULTS

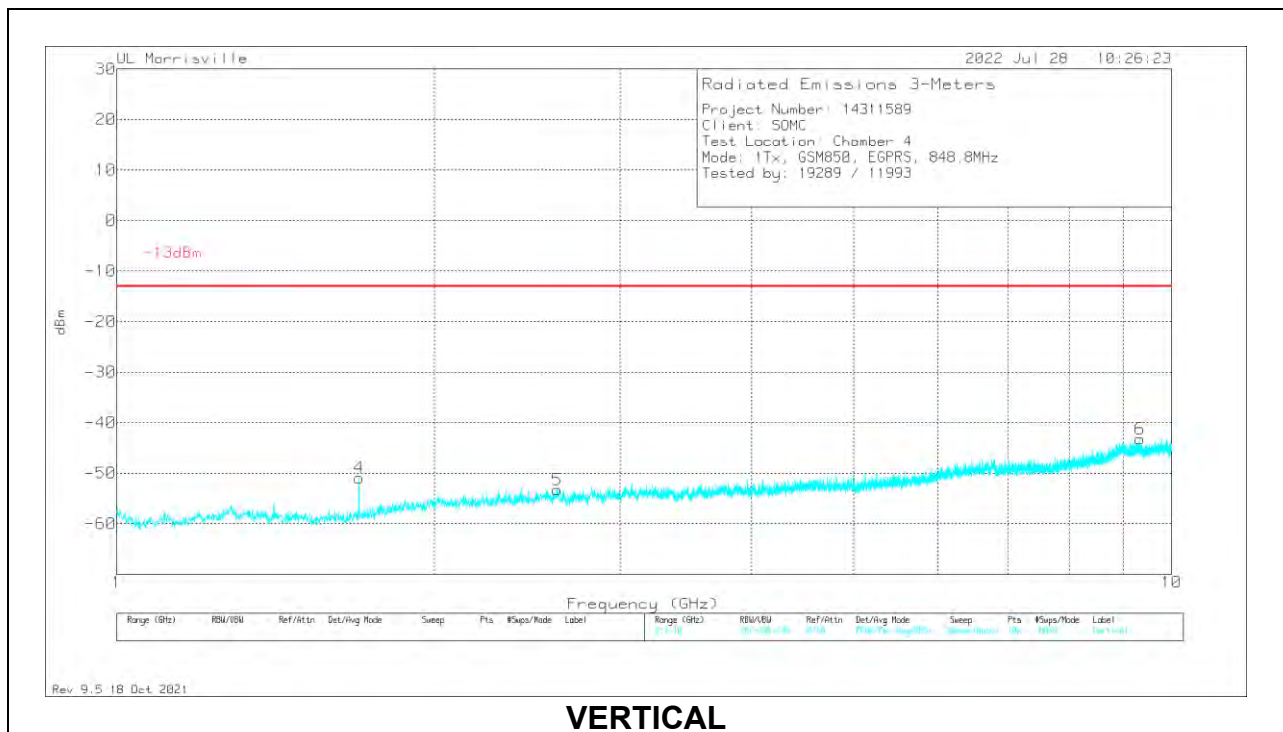
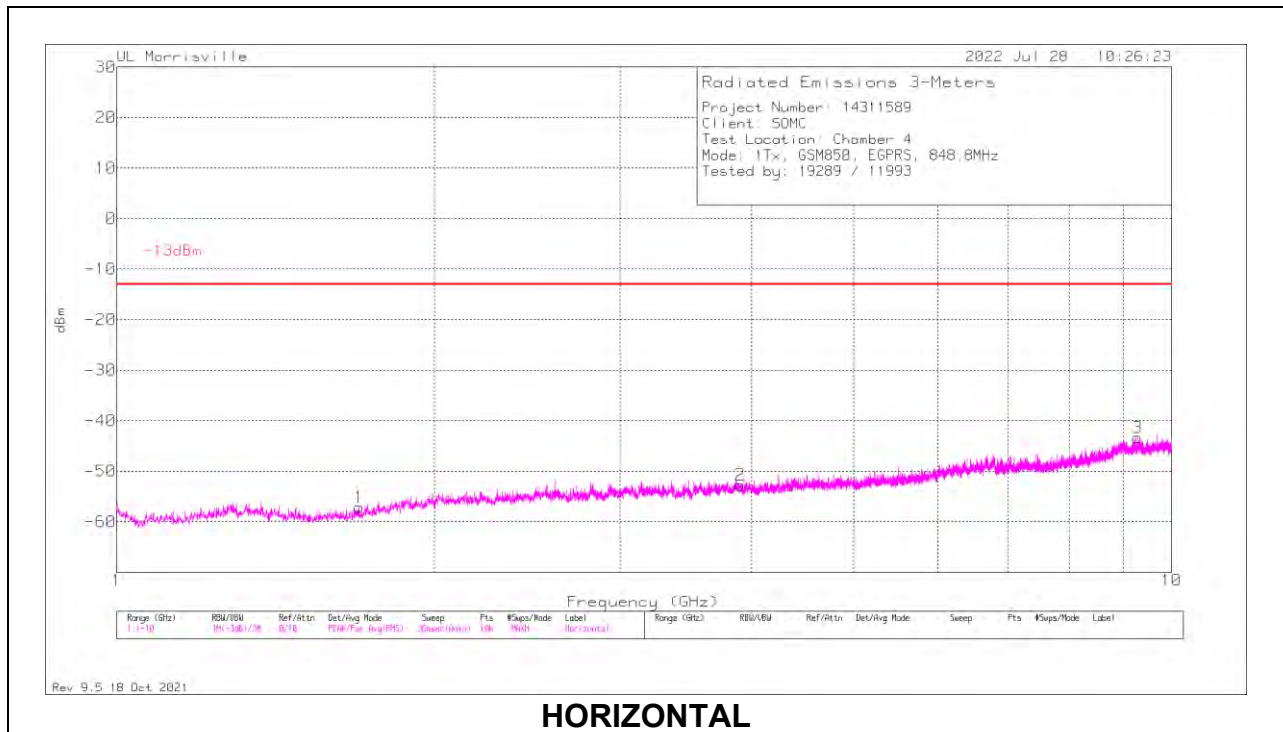


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.6732	-61.57	Pk	28.9	-36.2	.5	11.8	-56.57	-13	-43.57	0-360	200	H
4	1.6732	-59.71	Pk	28.9	-36.2	.5	11.8	-54.71	-13	-41.71	0-360	200	V
5	2.5102	-61.62	Pk	32.7	-36.3	.4	11.8	-53.02	-13	-40.02	0-360	300	V
2	2.5363	-62.69	Pk	32.8	-36	.5	11.8	-53.59	-13	-40.59	0-360	100	H
6	9.2242	-66.26	Pk	36.2	-26.5	.8	11.8	-43.96	-13	-30.96	0-360	200	V
3	9.3043	-66.58	Pk	36.4	-26.2	.5	11.8	-44.08	-13	-31.08	0-360	100	H

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.6975	-62.24	Pk	29.1	-36.3	.5	11.8	-57.14	-13	-44.14	0-360	200	H
4	1.6975	-55.96	Pk	29.1	-36.3	.5	11.8	-50.86	-13	-37.86	0-360	300	V
5	2.6146	-61.87	Pk	32.5	-36.1	.4	11.8	-53.27	-13	-40.27	0-360	300	V
2	3.8998	-64.82	Pk	33.5	-33.5	.3	11.8	-52.72	-13	-39.72	0-360	100	H
3	9.2872	-65.55	Pk	36.3	-26.4	.5	11.8	-43.35	-13	-30.35	0-360	100	H
6	9.3421	-65.88	Pk	36.4	-26.3	.8	11.8	-43.18	-13	-30.18	0-360	300	V

Pk - Peak detector

10.1.2. GSM1900

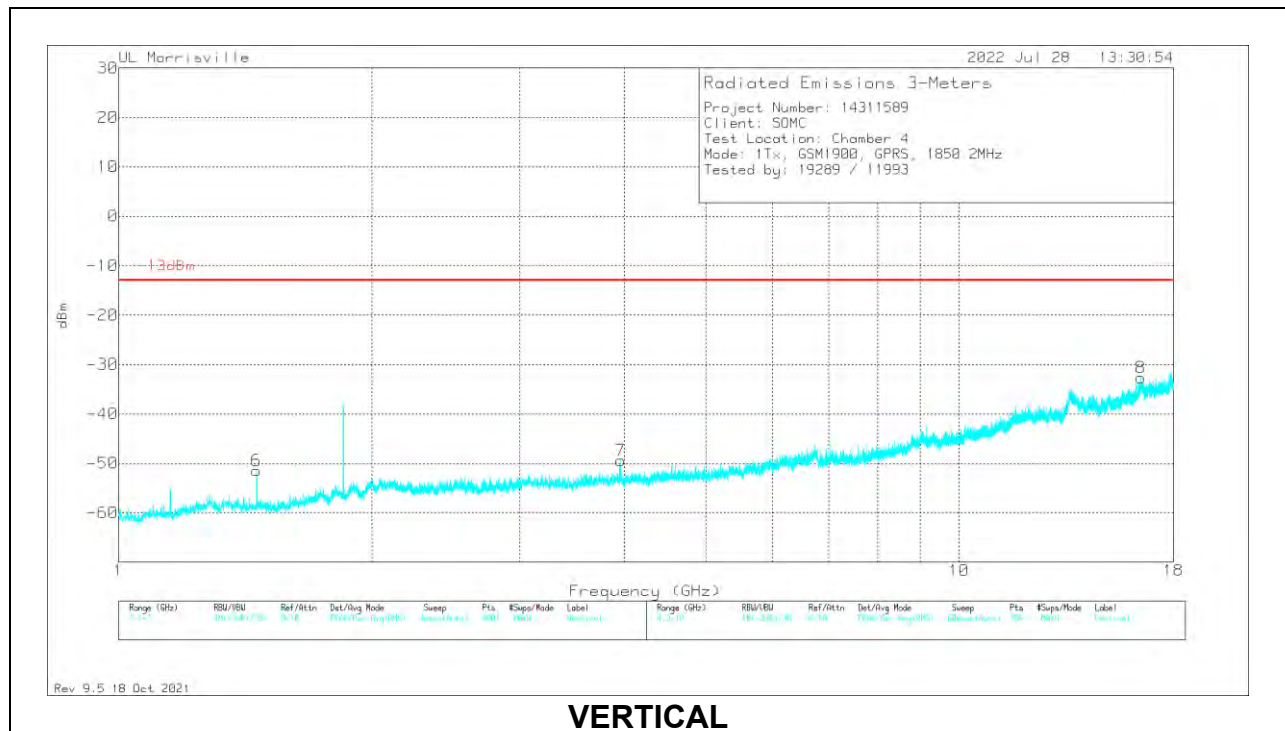
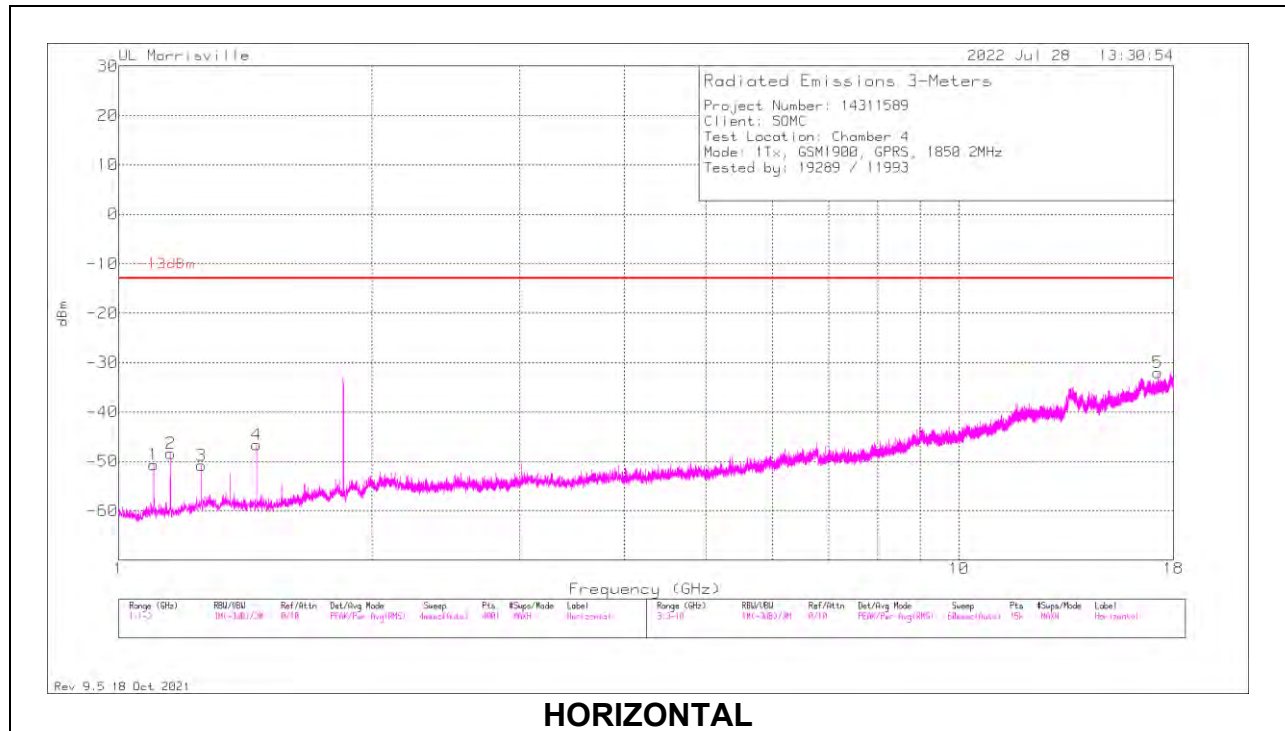
LIMITS

FCC: §24.238 (a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

GPRS

LOW CHANNEL RESULTS

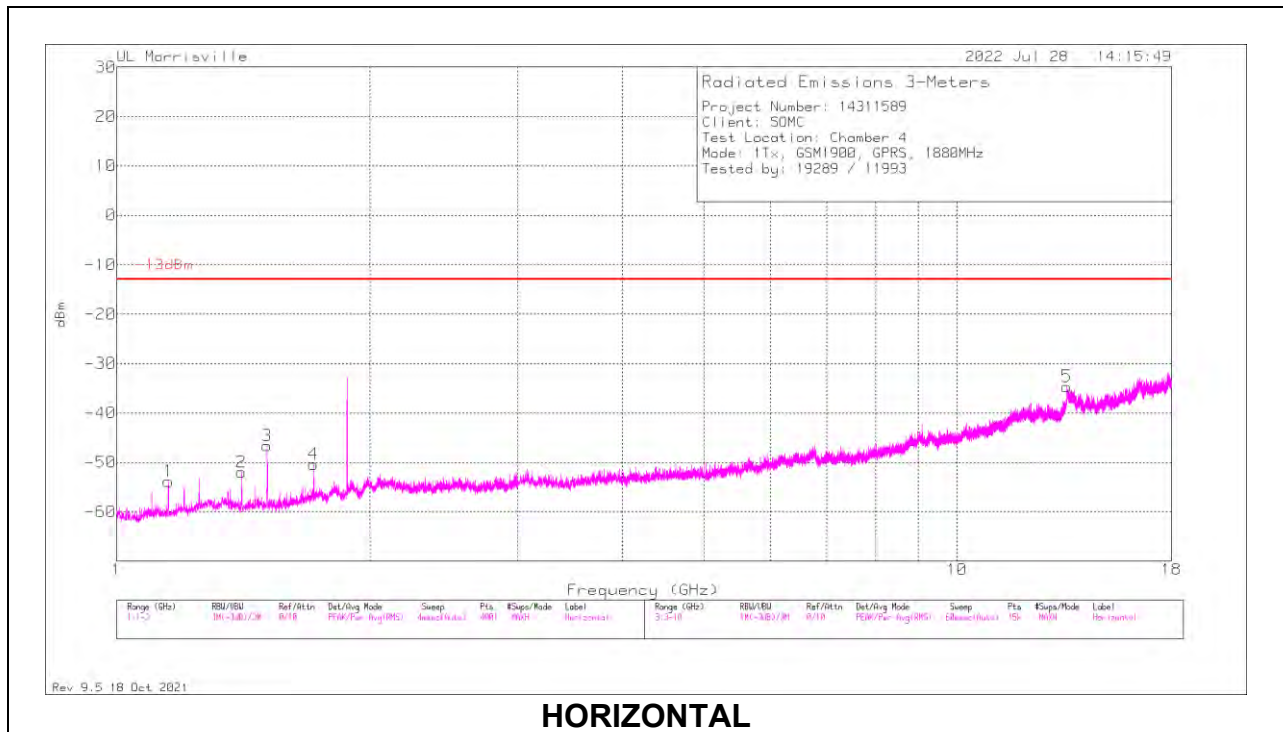


RADIATED EMISSIONS

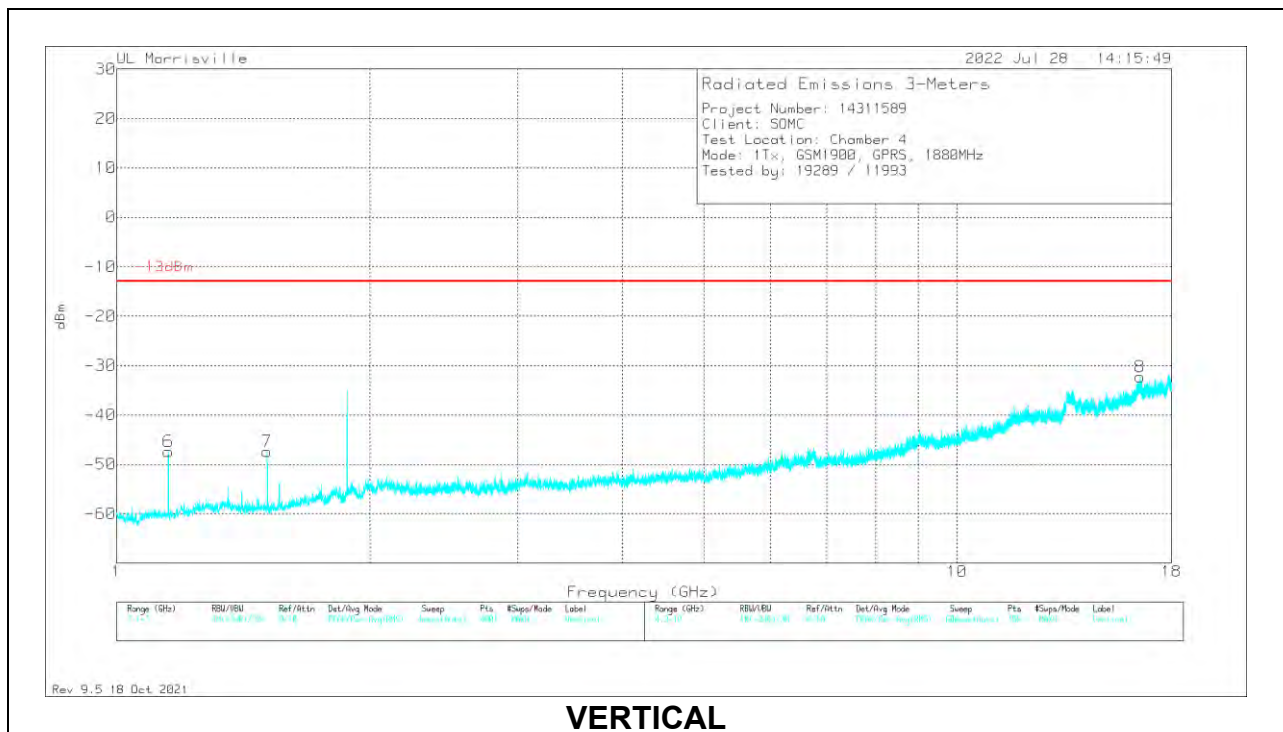
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.101	-54.67	Pk	27.7	-35.8	11.8	.3	-50.67	-13	-37.67	0-360	200	H
2	1.1525	-52.34	Pk	27.8	-36	11.8	.3	-48.44	-13	-35.44	0-360	100	H
3	1.2545	-56.27	Pk	29.1	-36	11.8	.5	-50.87	-13	-37.87	0-360	100	H
4	1.459	-51.8	Pk	28.6	-36	11.8	.8	-46.6	-13	-33.6	0-360	100	H
6	1.4595	-56.65	Pk	28.6	-36	11.8	.8	-51.45	-13	-38.45	0-360	300	V
7	3.954	-62.58	Pk	33.4	-32	11.8	0	-49.38	-13	-36.38	0-360	200	V
8	16.468	-65.12	Pk	40.9	-20.2	11.8	0	-32.62	-13	-19.62	0-360	200	V
5	17.232	-66.01	Pk	40.9	-18.7	11.8	0	-32.01	-13	-19.01	0-360	100	H

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



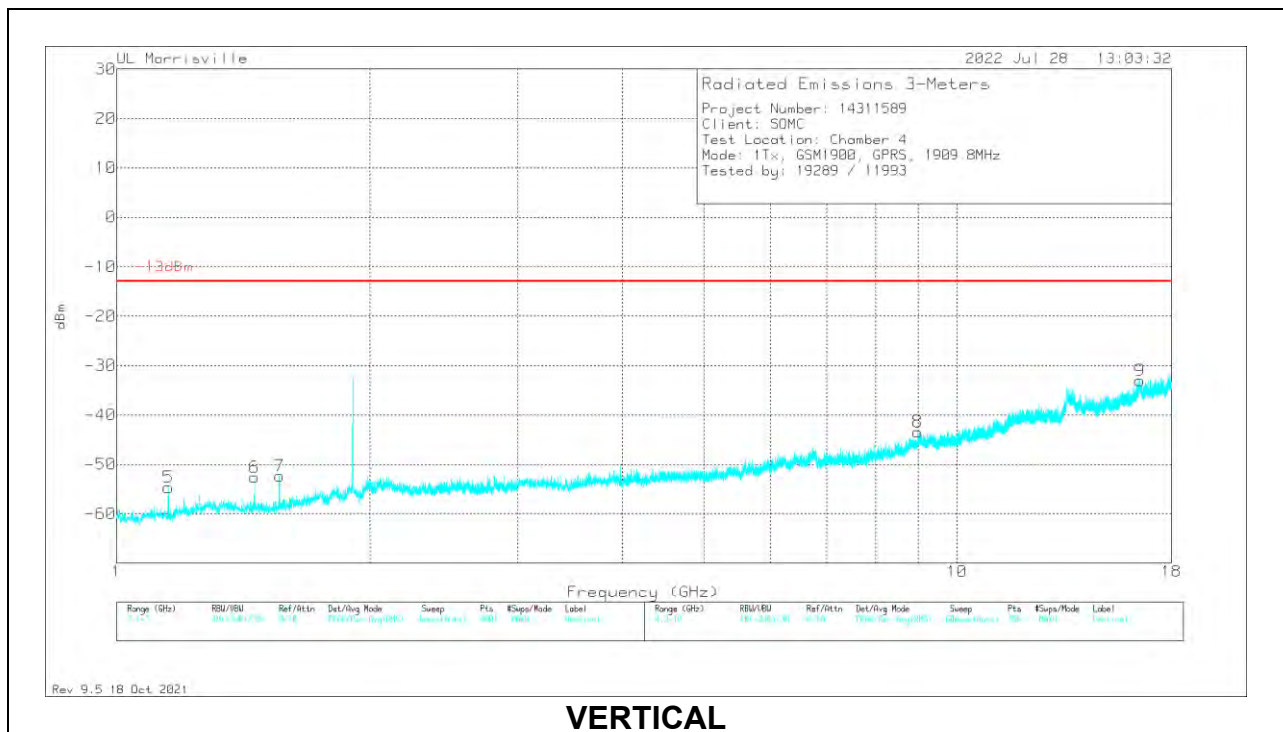
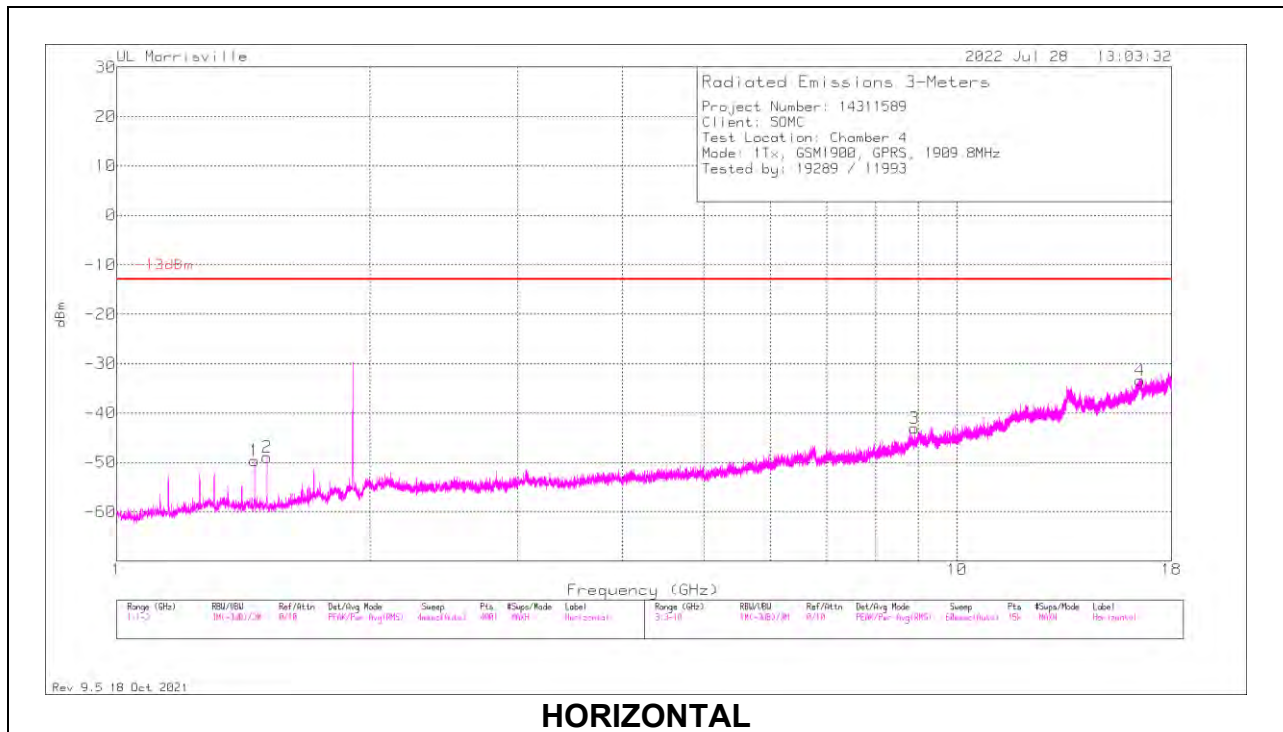
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.152	-57.71	Pk	27.8	-36	11.8	.3	-53.81	-13	-40.81	0-360	100	H
6	1.152	-51.25	Pk	27.8	-36	11.8	.3	-47.35	-13	-34.35	0-360	200	V
2	1.408	-57.22	Pk	28.7	-36.1	11.8	.8	-52.02	-13	-39.02	0-360	100	H
7	1.5105	-52.54	Pk	28.4	-36.1	11.8	1	-47.44	-13	-34.44	0-360	200	V
3	1.511	-51.7	Pk	28.4	-36.1	11.8	1	-46.6	-13	-33.6	0-360	100	H
4	1.7155	-57.08	Pk	29.3	-36.2	11.8	1.8	-50.38	-13	-37.38	0-360	100	H
5	13.503	-63.34	Pk	38.8	-21.9	11.8	0	-34.64	-13	-21.64	0-360	100	H
8	16.519	-64.77	Pk	41	-20.3	11.8	0	-32.27	-13	-19.27	0-360	300	V

Pk - Peak detector

HIGH CHANNEL RESULTS



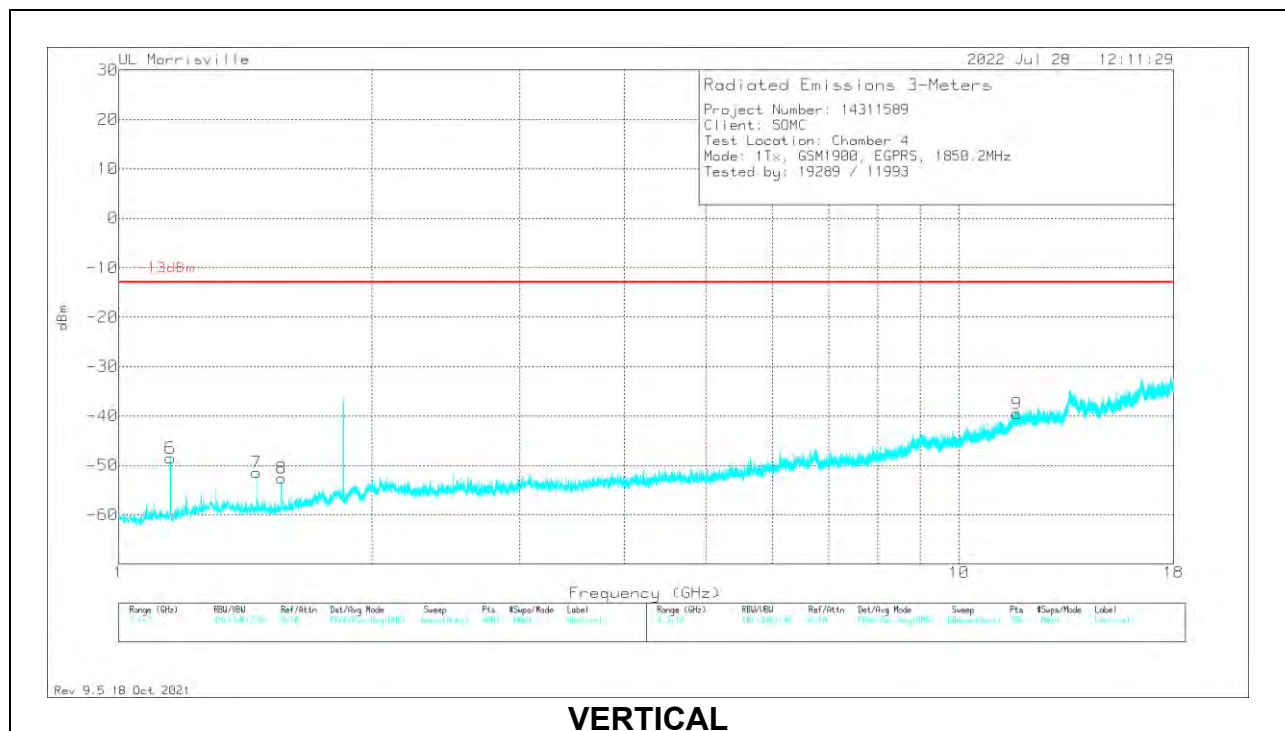
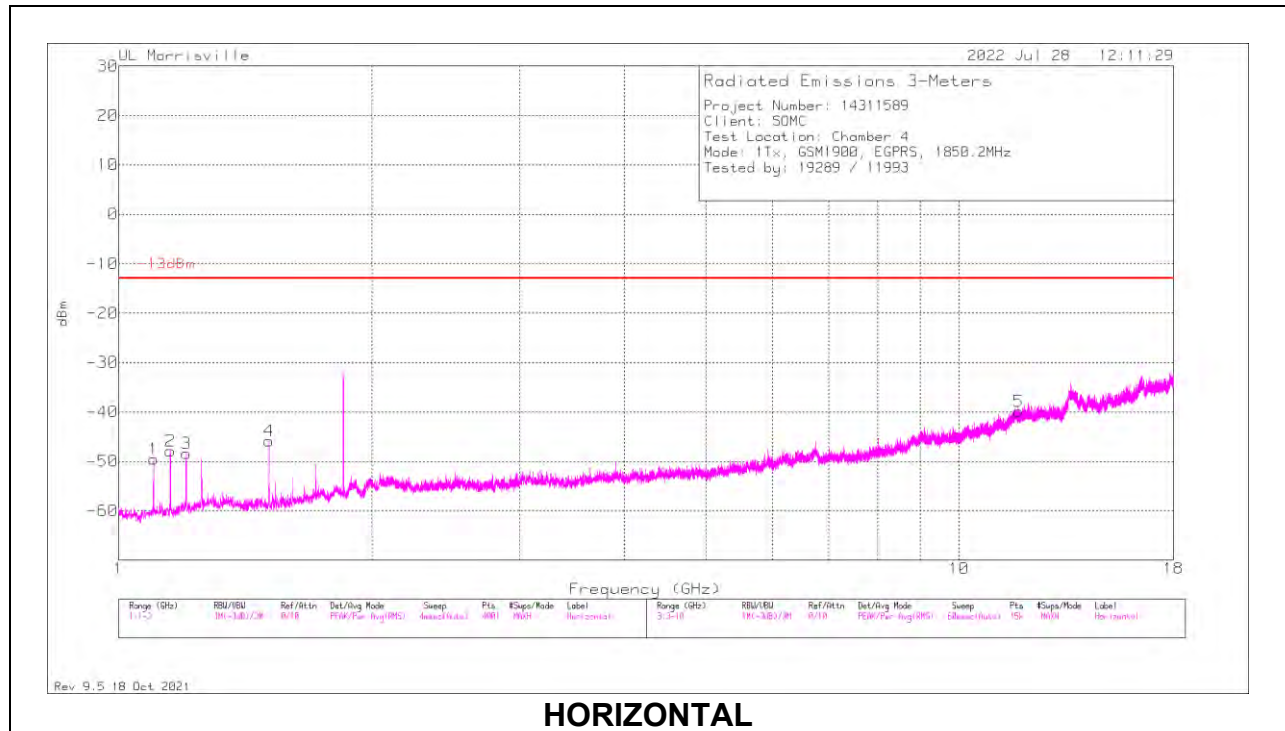
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	1.152	-58.59	Pk	27.8	-36	11.8	.3	-54.69	-13	-41.69	0-360	300	V
6	1.459	-57.84	Pk	28.6	-36	11.8	.8	-52.64	-13	-39.64	0-360	300	V
1	1.4595	-54.88	Pk	28.6	-36	11.8	.8	-49.68	-13	-36.68	0-360	200	H
2	1.51	-54.08	Pk	28.4	-36.1	11.8	1	-48.98	-13	-35.98	0-360	100	H
7	1.5615	-57.3	Pk	28.4	-36.2	11.8	1	-52.3	-13	-39.3	0-360	300	V
3	8.904	-64.79	Pk	36.1	-26.2	11.8	0	-43.09	-13	-30.09	0-360	100	H
8	8.983	-65.6	Pk	36.1	-25.7	11.8	0	-43.4	-13	-30.4	0-360	200	V
9	16.504	-65.8	Pk	40.9	-19.9	11.8	0	-33	-13	-20	0-360	300	V
4	16.509	-66.01	Pk	40.9	-20.1	11.8	0	-33.41	-13	-20.41	0-360	100	H

Pk - Peak detector

EGPRS

LOW CHANNEL RESULTS

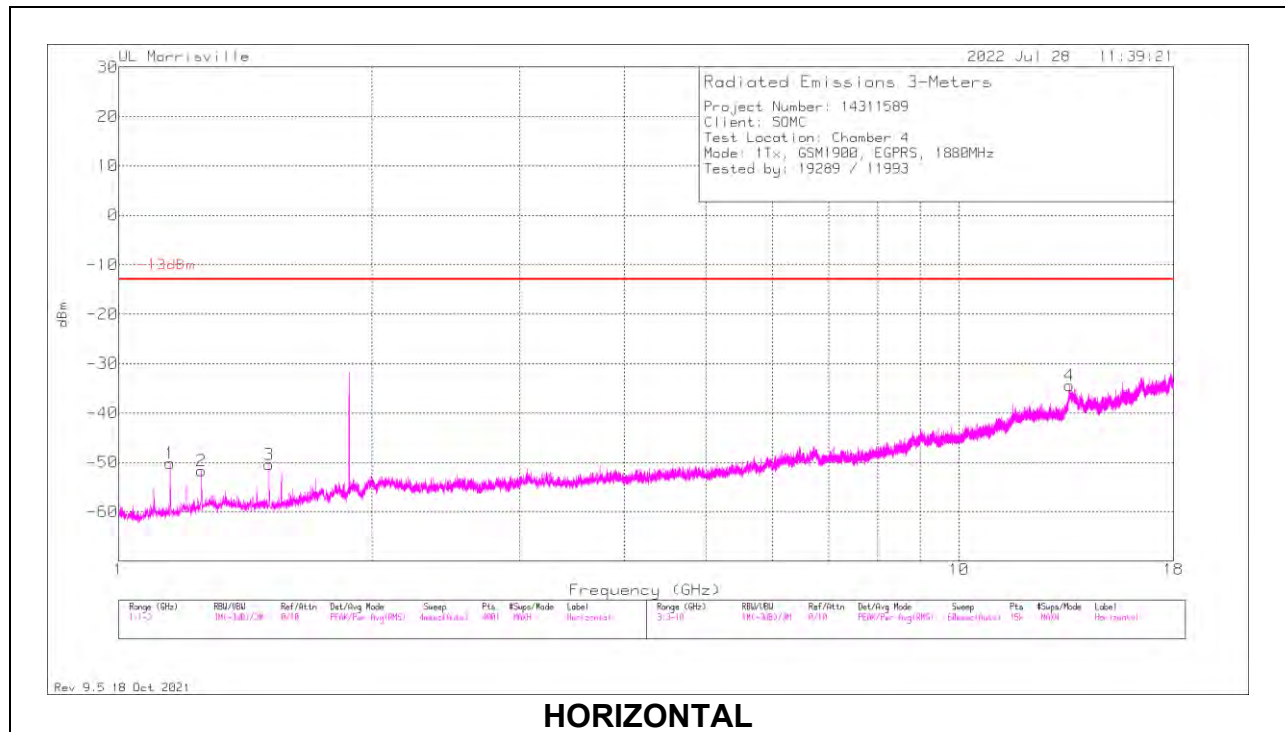


RADIATED EMISSIONS

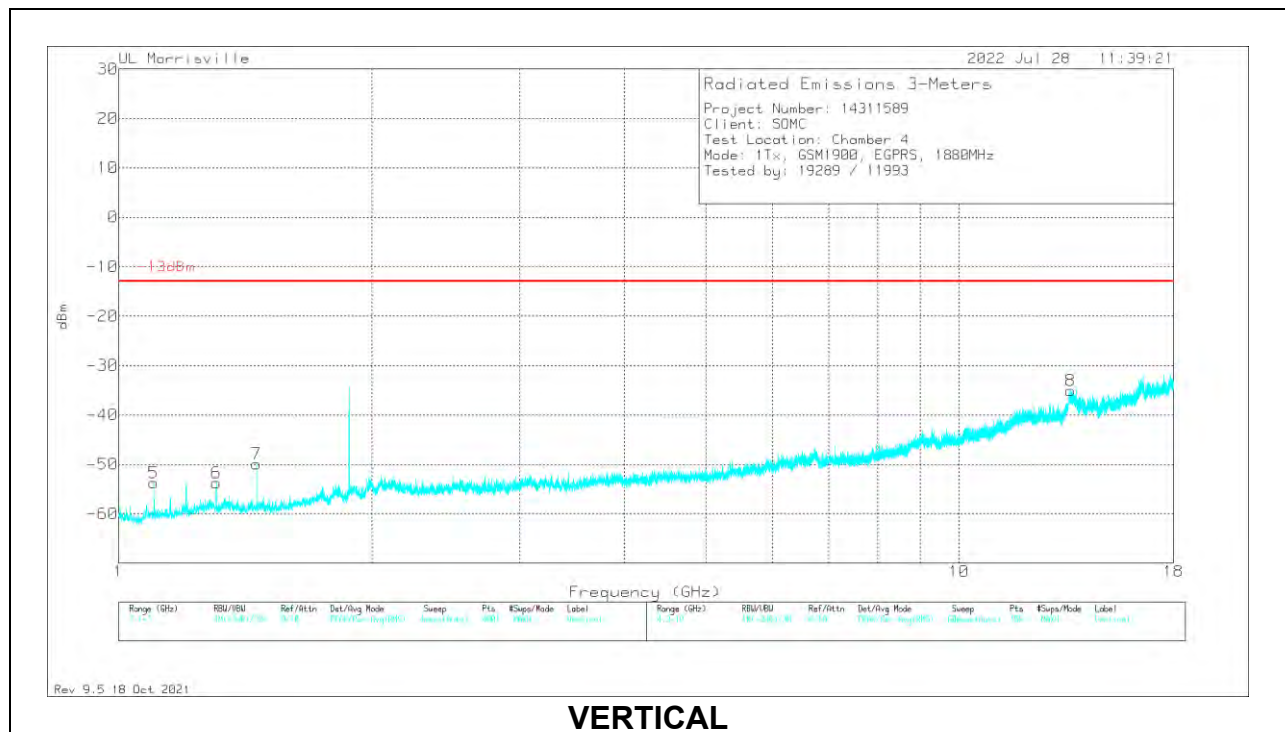
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.1005	-53.58	Pk	27.7	-35.8	11.8	.3	-49.58	-13	-36.58	0-360	200	H
2	1.152	-51.76	Pk	27.8	-36	11.8	.3	-47.86	-13	-34.86	0-360	100	H
6	1.152	-52.44	Pk	27.8	-36	11.8	.3	-48.54	-13	-35.54	0-360	200	V
3	1.2035	-53.09	Pk	28.5	-35.9	11.8	.3	-48.39	-13	-35.39	0-360	100	H
7	1.4595	-56.66	Pk	28.6	-36	11.8	.8	-51.46	-13	-38.46	0-360	300	V
4	1.51	-51.02	Pk	28.4	-36.1	11.8	1	-45.92	-13	-32.92	0-360	200	H
8	1.5615	-57.56	Pk	28.4	-36.2	11.8	1	-52.56	-13	-39.56	0-360	200	V
9	11.707	-66.12	Pk	38.5	-23.7	11.8	0	-39.52	-13	-26.52	0-360	300	V
5	11.769	-66.56	Pk	38.6	-23.7	11.8	0	-39.86	-13	-26.86	0-360	200	H

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



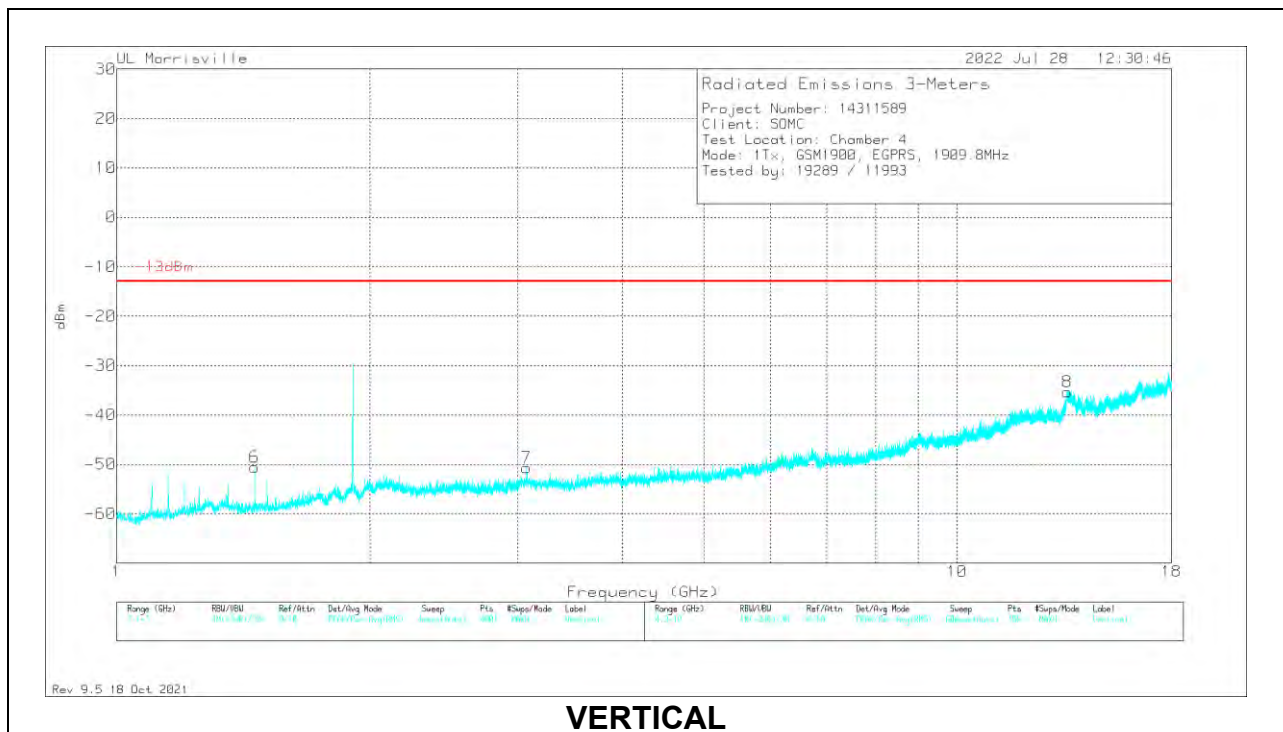
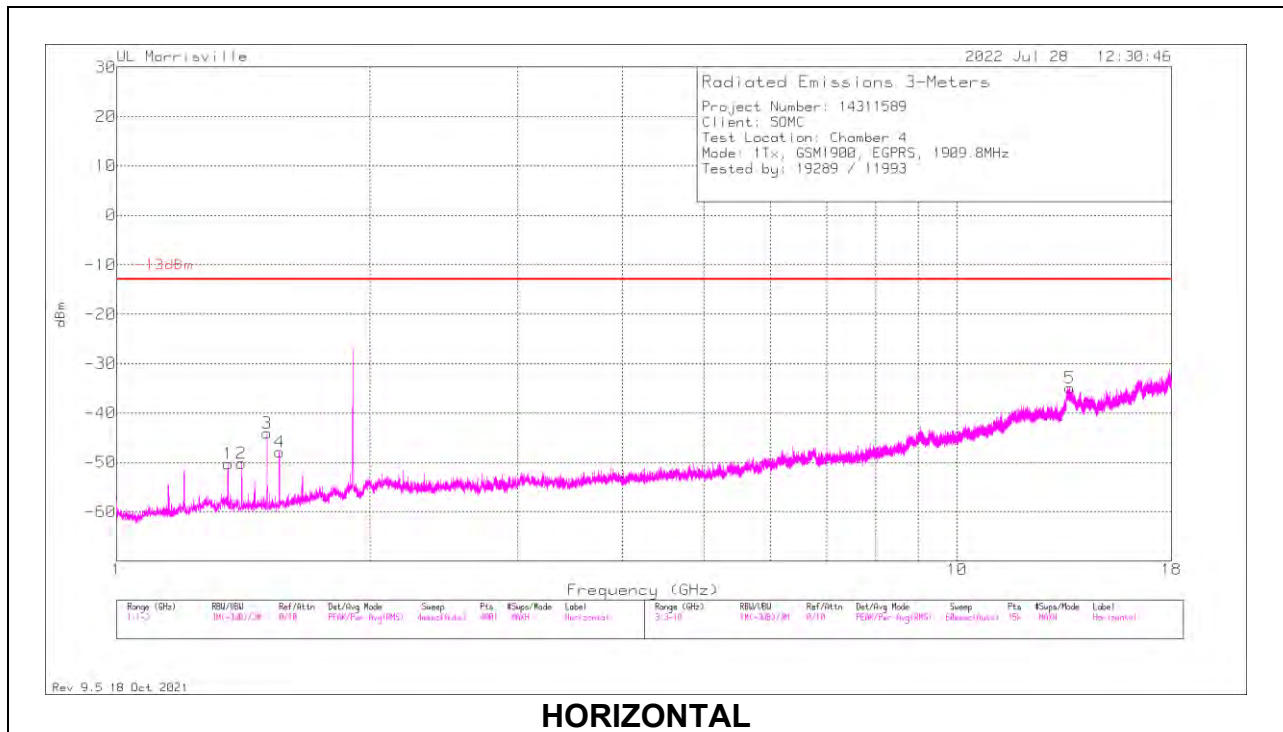
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	1.101	-57.78	Pk	27.7	-35.8	11.8	.3	-53.78	-13	-40.78	0-360	200	V
1	1.1515	-54.06	Pk	27.8	-36	11.8	.3	-50.16	-13	-37.16	0-360	100	H
2	1.2545	-57.13	Pk	29.1	-36	11.8	.5	-51.73	-13	-38.73	0-360	100	H
6	1.306	-59.12	Pk	29.2	-36.1	11.8	.5	-53.72	-13	-40.72	0-360	200	V
7	1.459	-55.11	Pk	28.6	-36	11.8	.8	-49.91	-13	-36.91	0-360	300	V
3	1.51	-55.59	Pk	28.4	-36.1	11.8	1	-50.49	-13	-37.49	0-360	100	H
4	13.541	-62.99	Pk	38.7	-22	11.8	0	-34.49	-13	-21.49	0-360	100	H
8	13.571	-63.44	Pk	38.7	-22.2	11.8	0	-35.14	-13	-22.14	0-360	200	V

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.3565	-56.12	Pk	29.5	-36.1	11.8	.6	-50.32	-13	-37.32	0-360	100	H
2	1.4075	-55.42	Pk	28.7	-36.1	11.8	.8	-50.22	-13	-37.22	0-360	100	H
6	1.459	-55.74	Pk	28.6	-36	11.8	.8	-50.54	-13	-37.54	0-360	300	V
3	1.5105	-49.17	Pk	28.4	-36.1	11.8	1	-44.07	-13	-31.07	0-360	200	H
4	1.5615	-52.94	Pk	28.4	-36.2	11.8	1	-47.94	-13	-34.94	0-360	100	H
7	3.075	-61	Pk	33.1	-34.6	11.8	0	-50.7	-13	-37.7	0-360	300	V
8	13.54	-63.93	Pk	38.7	-21.9	11.8	0	-35.33	-13	-22.33	0-360	200	V
5	13.625	-63.02	Pk	38.7	-22.4	11.8	0	-34.92	-13	-21.92	0-360	100	H

Pk - Peak detector

10.1.3. WCDMA2

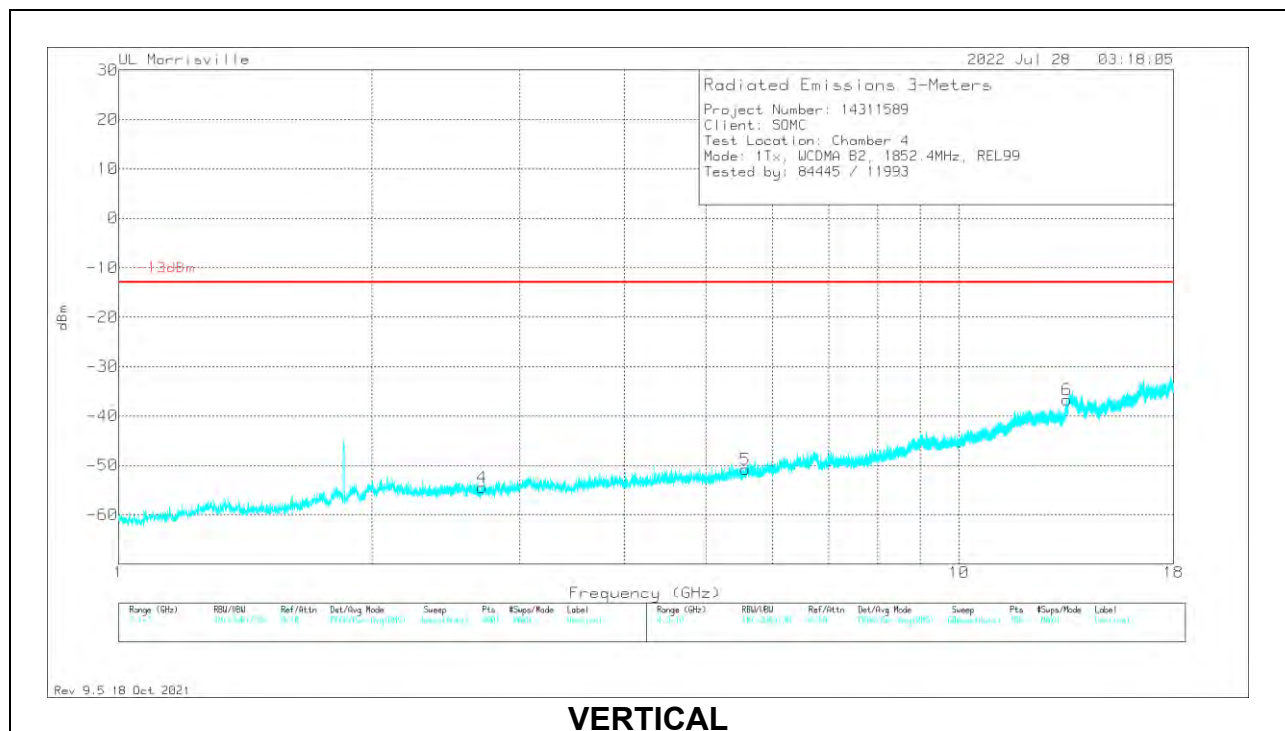
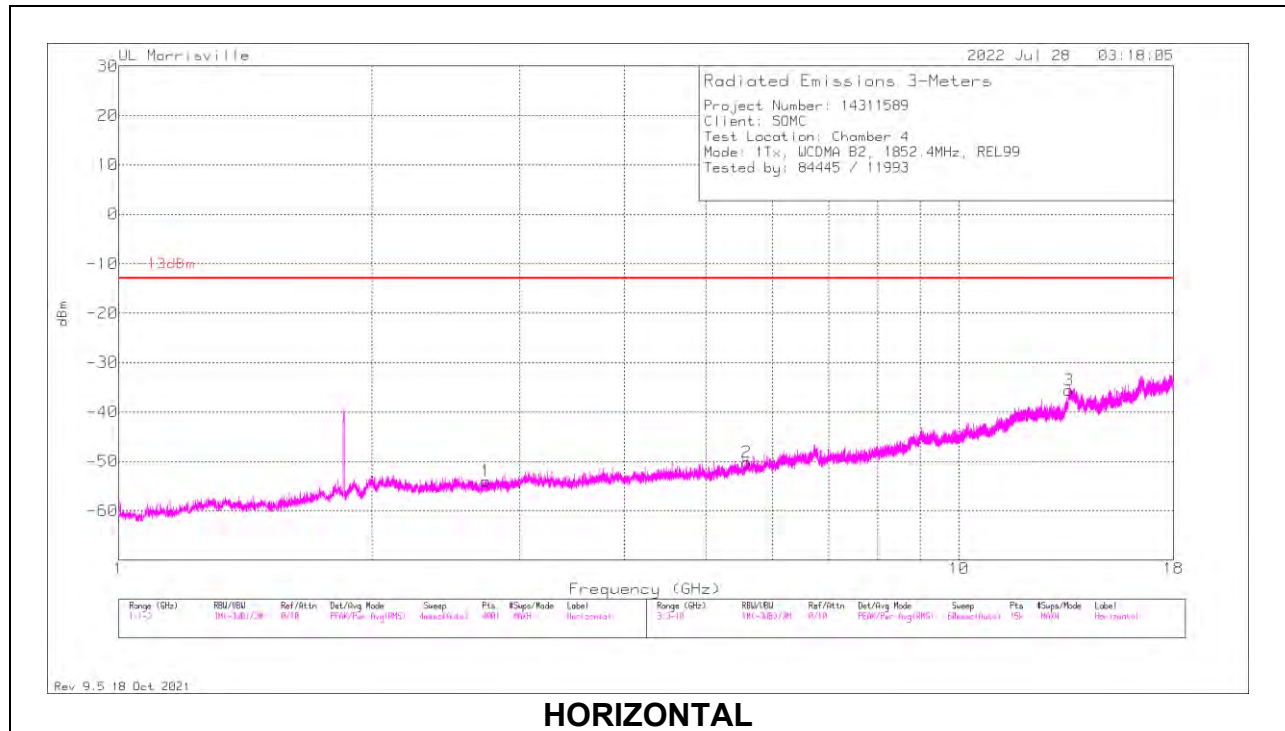
LIMITS

FCC: §24.238(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

REL 99

LOW CHANNEL RESULTS

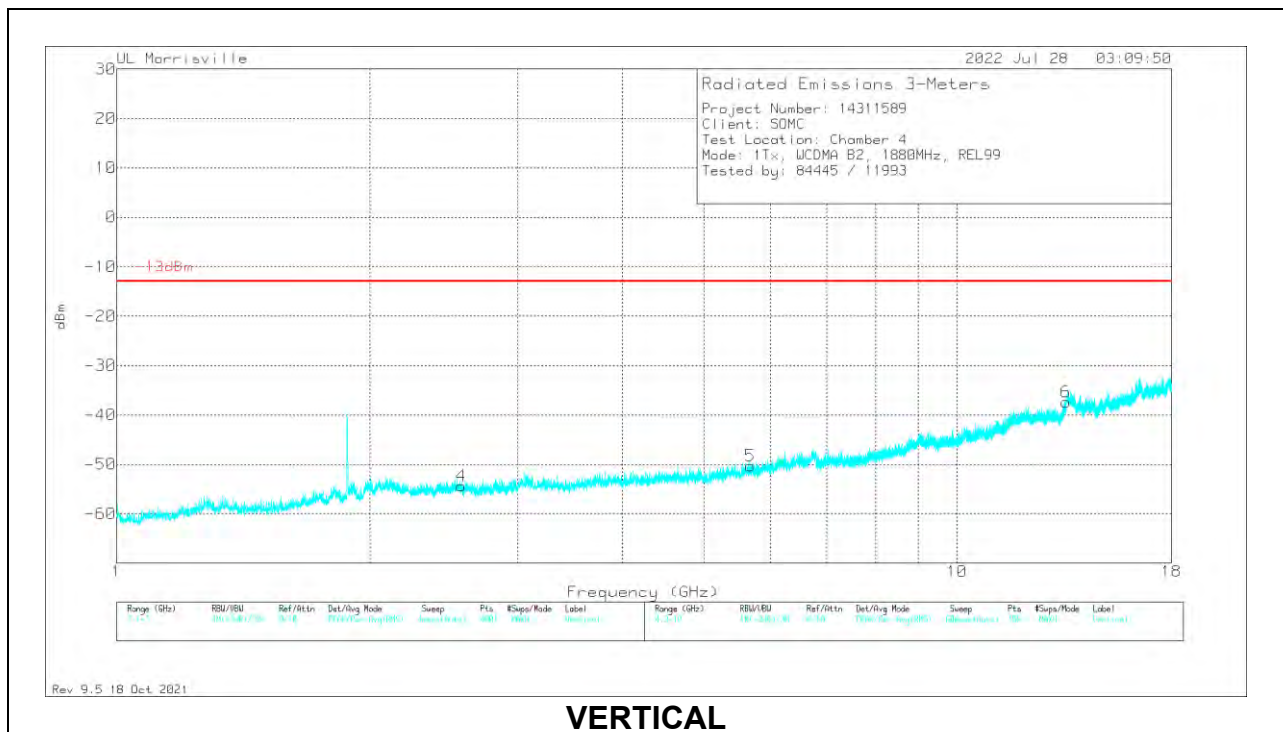
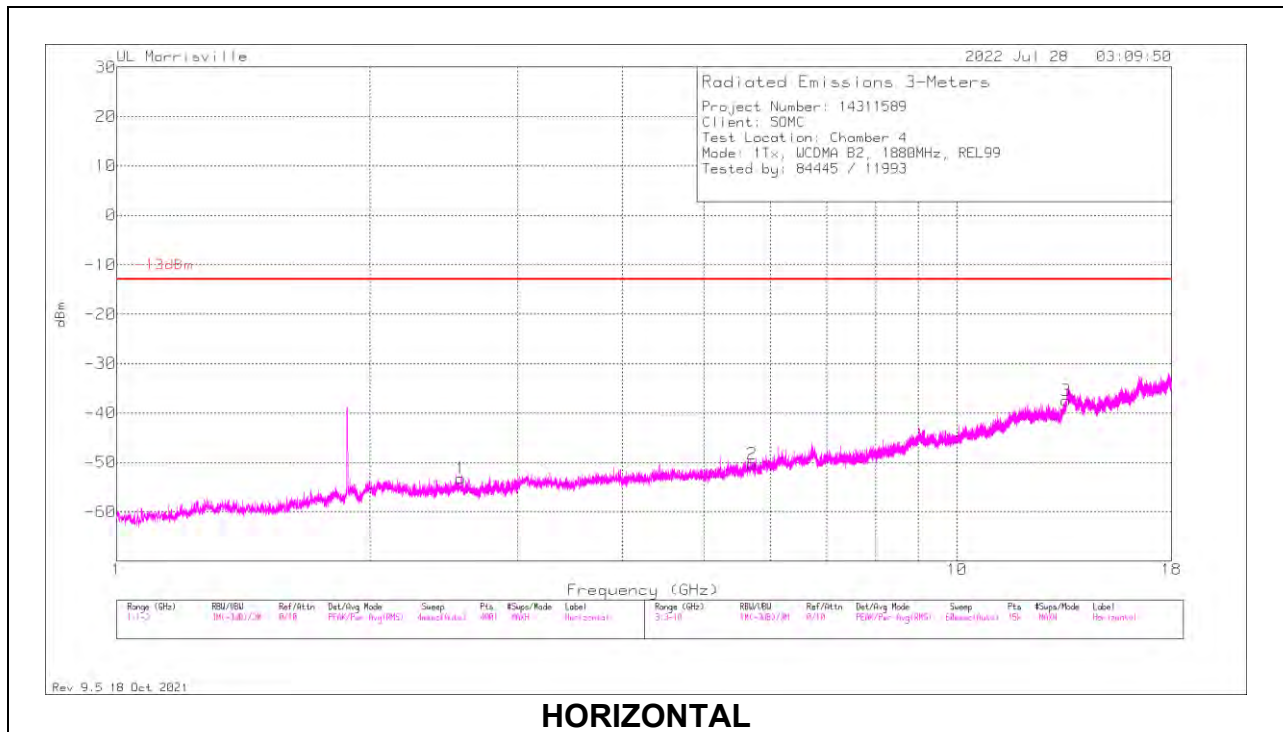


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.7085	-62.82	Pk	32.2	-36.1	11.8	.4	-54.52	-13	-41.52	0-360	200	V
1	2.734	-62.62	Pk	32.3	-35.9	11.8	.4	-54.02	-13	-41.02	0-360	200	H
5	5.573	-65.82	Pk	34.7	-31.5	11.8	0	-50.82	-13	-37.82	0-360	300	V
2	5.588	-65.72	Pk	34.8	-31.1	11.8	0	-50.22	-13	-37.22	0-360	100	H
6	13.444	-65.83	Pk	38.8	-21.5	11.8	0	-36.73	-13	-23.73	0-360	200	V
3	13.513	-64.35	Pk	38.8	-21.8	11.8	0	-35.55	-13	-22.55	0-360	200	H

Pk - Peak detector

MID CHANNEL RESULTS

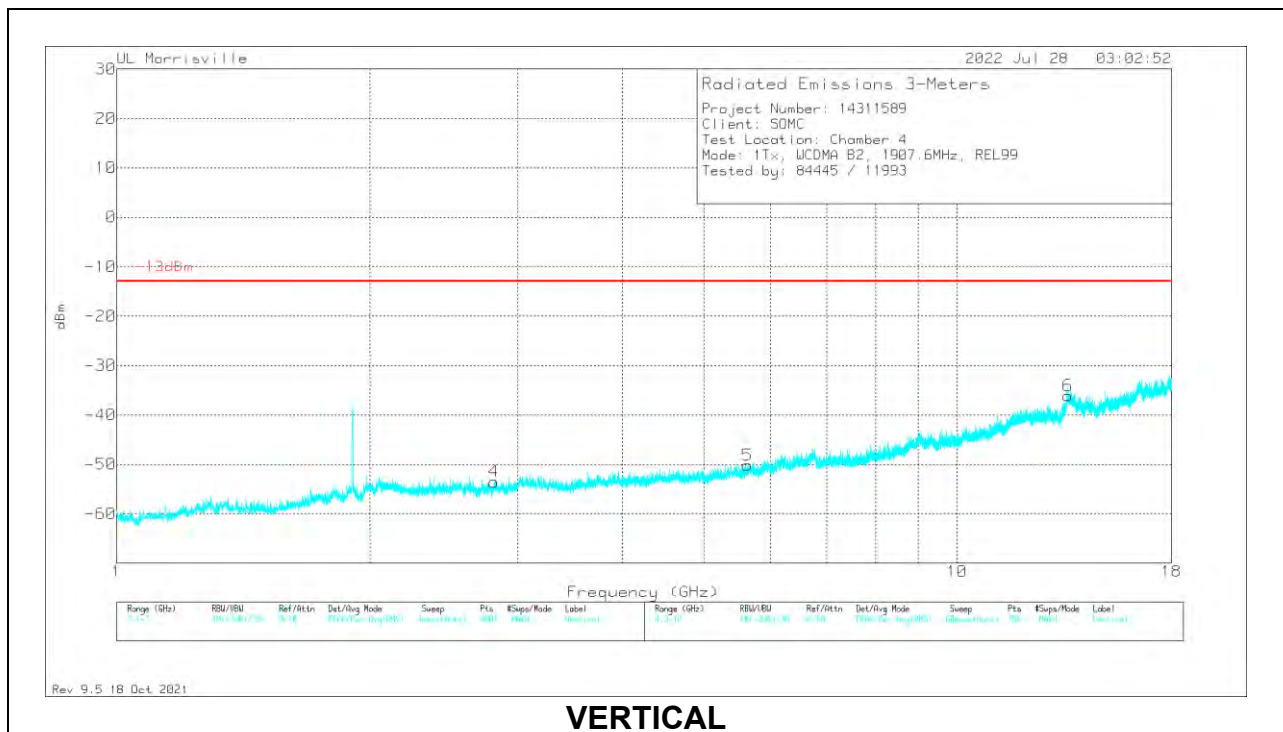
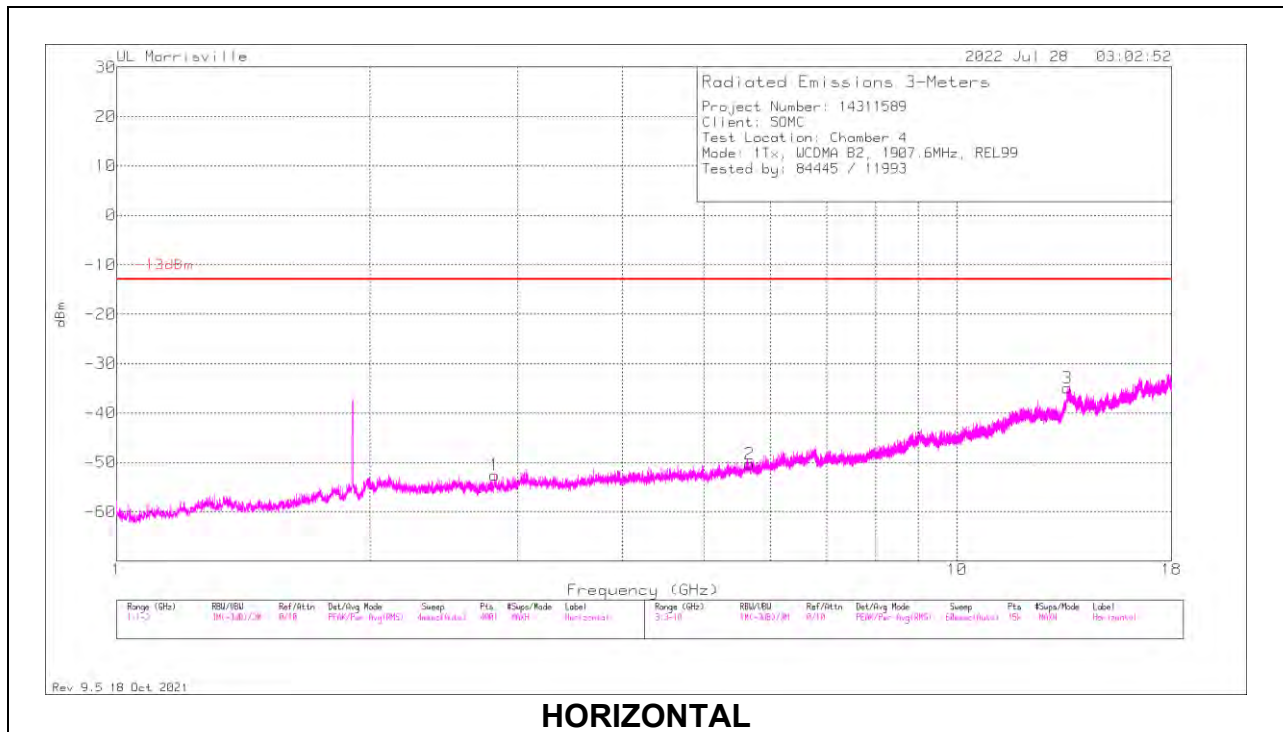


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.5685	-62.14	Pk	32.7	-36.2	11.8	.6	-53.24	-13	-40.24	0-360	100	H
4	2.571	-63.18	Pk	32.7	-36.2	11.8	.5	-54.38	-13	-41.38	0-360	200	V
5	5.68	-67.16	Pk	34.8	-29.8	11.8	0	-50.36	-13	-37.36	0-360	200	V
2	5.705	-67.37	Pk	34.8	-29.5	11.8	0	-50.27	-13	-37.27	0-360	200	H
6	13.488	-66.23	Pk	38.8	-21.7	11.8	0	-37.33	-13	-24.33	0-360	300	V
3	13.489	-66.44	Pk	38.8	-21.7	11.8	0	-37.54	-13	-24.54	0-360	100	H

Pk - Peak detector

HIGH CHANNEL RESULTS



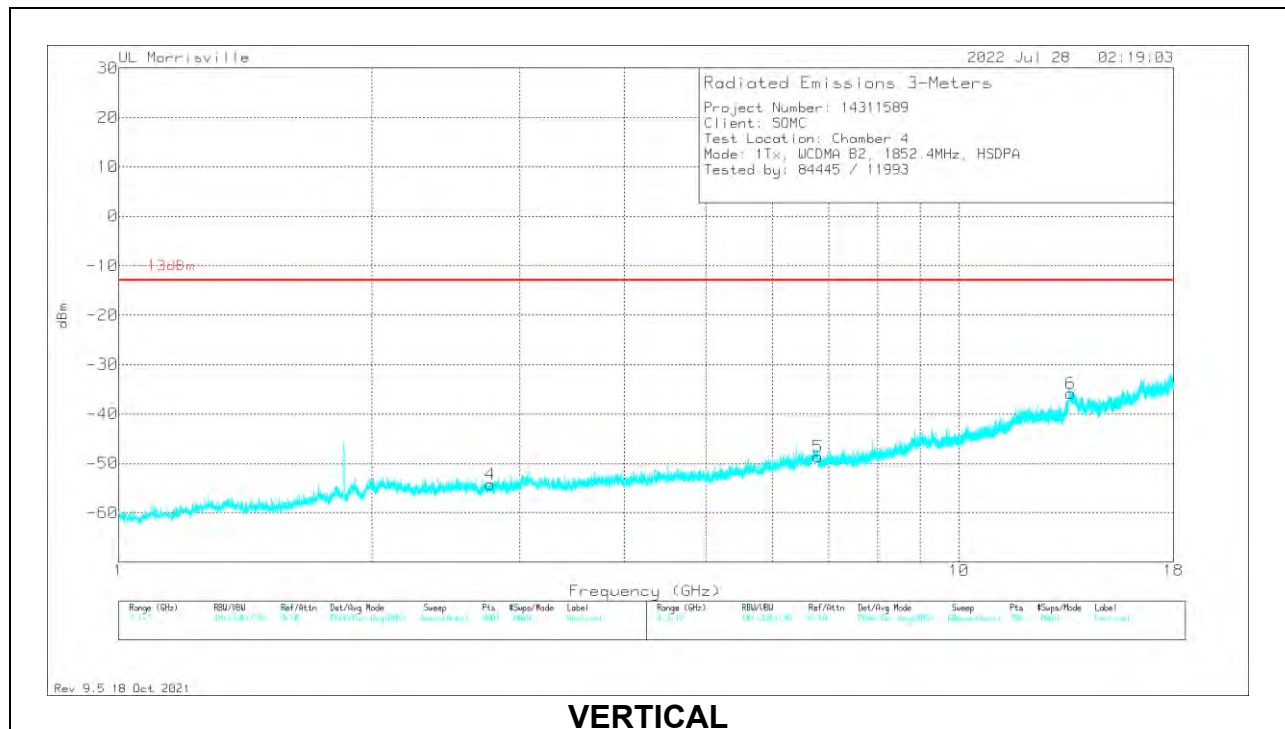
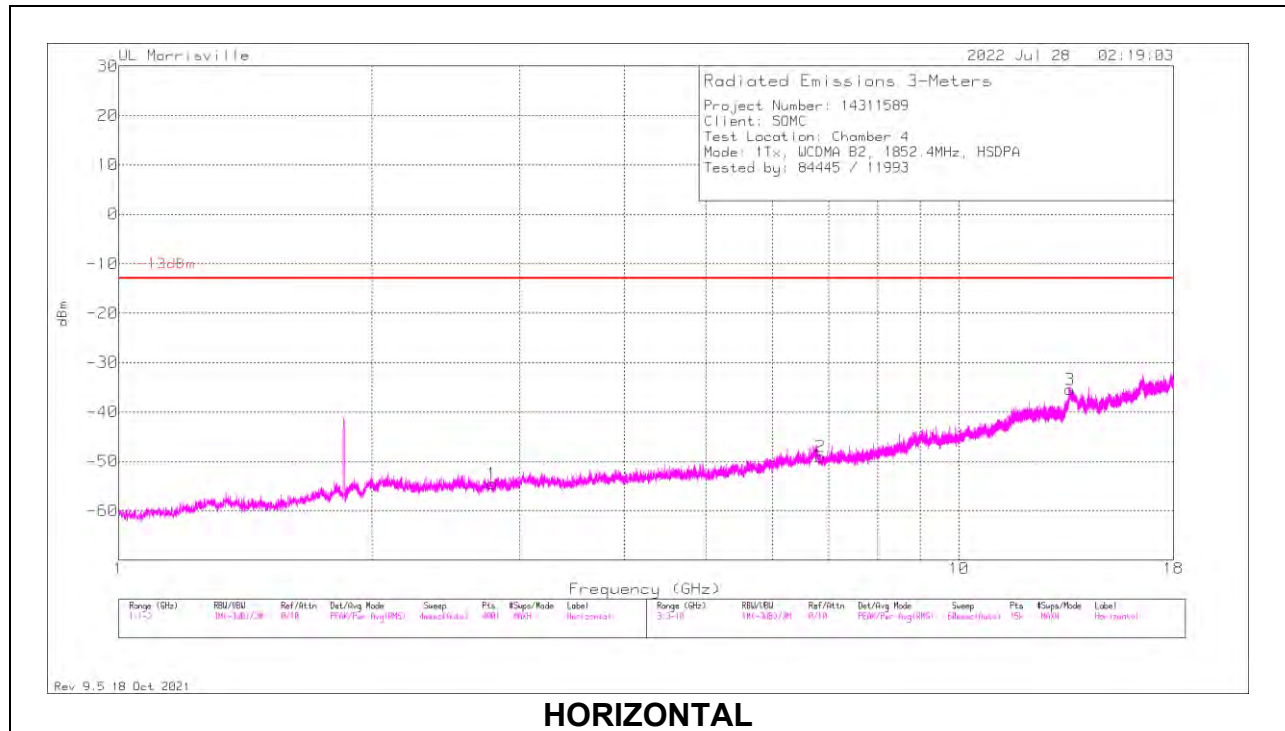
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.813	-62.85	Pk	32.6	-35.6	11.8	.5	-53.55	-13	-40.55	0-360	300	V
1	2.816	-61.75	Pk	32.6	-35.7	11.8	.5	-52.55	-13	-39.55	0-360	100	H
5	5.632	-66.37	Pk	34.8	-30.4	11.8	0	-50.17	-13	-37.17	0-360	200	V
2	5.668	-66.81	Pk	34.8	-30.1	11.8	0	-50.31	-13	-37.31	0-360	100	H
3	13.529	-63.6	Pk	38.8	-22	11.8	0	-35	-13	-22	0-360	100	H
6	13.565	-64.31	Pk	38.7	-22.3	11.8	0	-36.11	-13	-23.11	0-360	300	V

Pk - Peak detector

HSDPA

LOW CHANNEL RESULTS

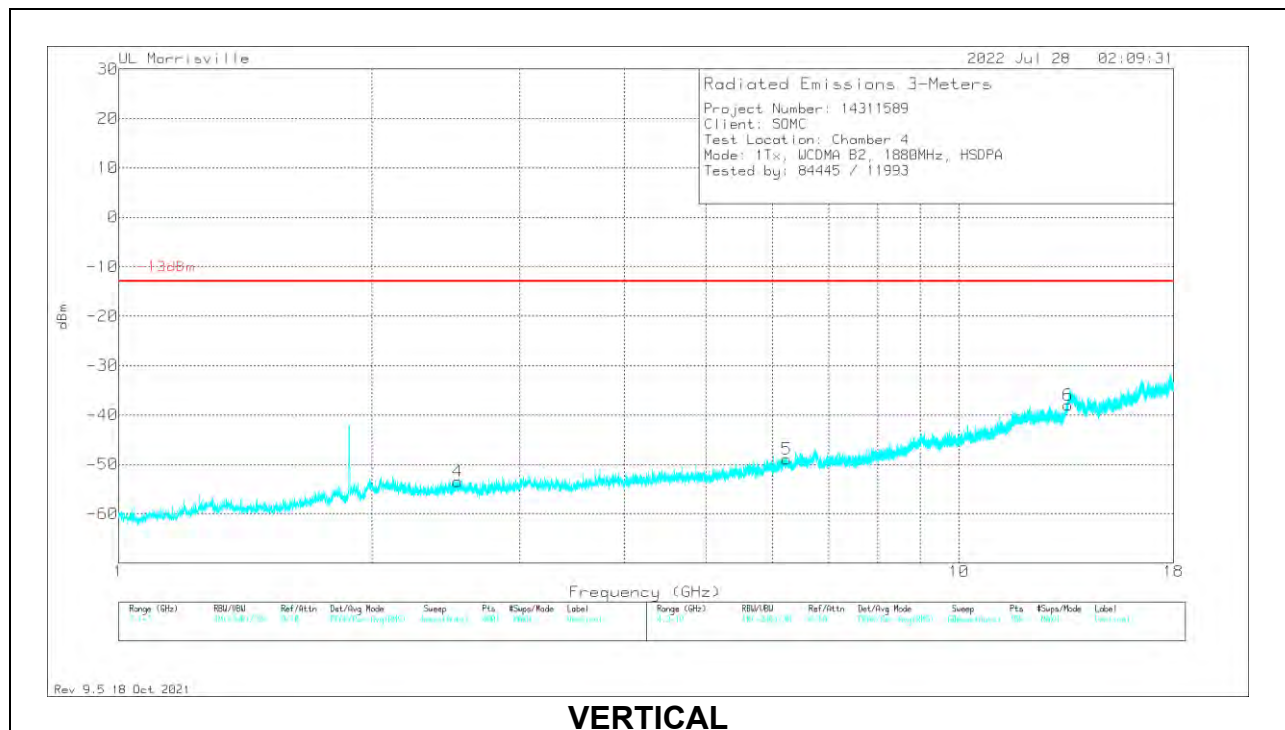
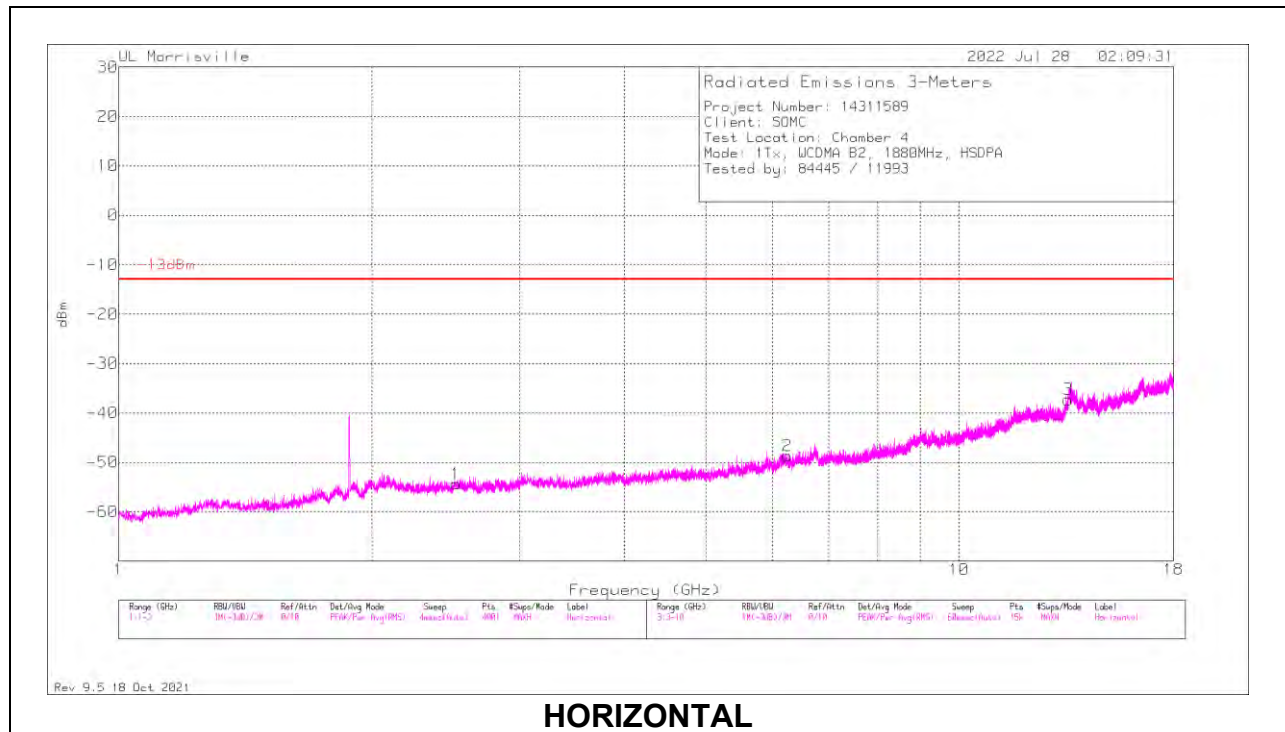


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.7705	-62.85	Pk	32.5	-36.1	11.8	.4	-54.25	-13	-41.25	0-360	300	V
1	2.785	-63.32	Pk	32.5	-35.9	11.8	.4	-54.52	-13	-41.52	0-360	200	H
5	6.799	-67.65	Pk	35.6	-28.4	11.8	0	-48.65	-13	-35.65	0-360	300	V
2	6.847	-67.88	Pk	35.6	-28.6	11.8	0	-49.08	-13	-36.08	0-360	100	H
3	13.561	-63.67	Pk	38.7	-22.3	11.8	0	-35.47	-13	-22.47	0-360	100	H
6	13.589	-64.04	Pk	38.7	-22.3	11.8	0	-35.84	-13	-22.84	0-360	200	V

Pk - Peak detector

MID CHANNEL RESULTS

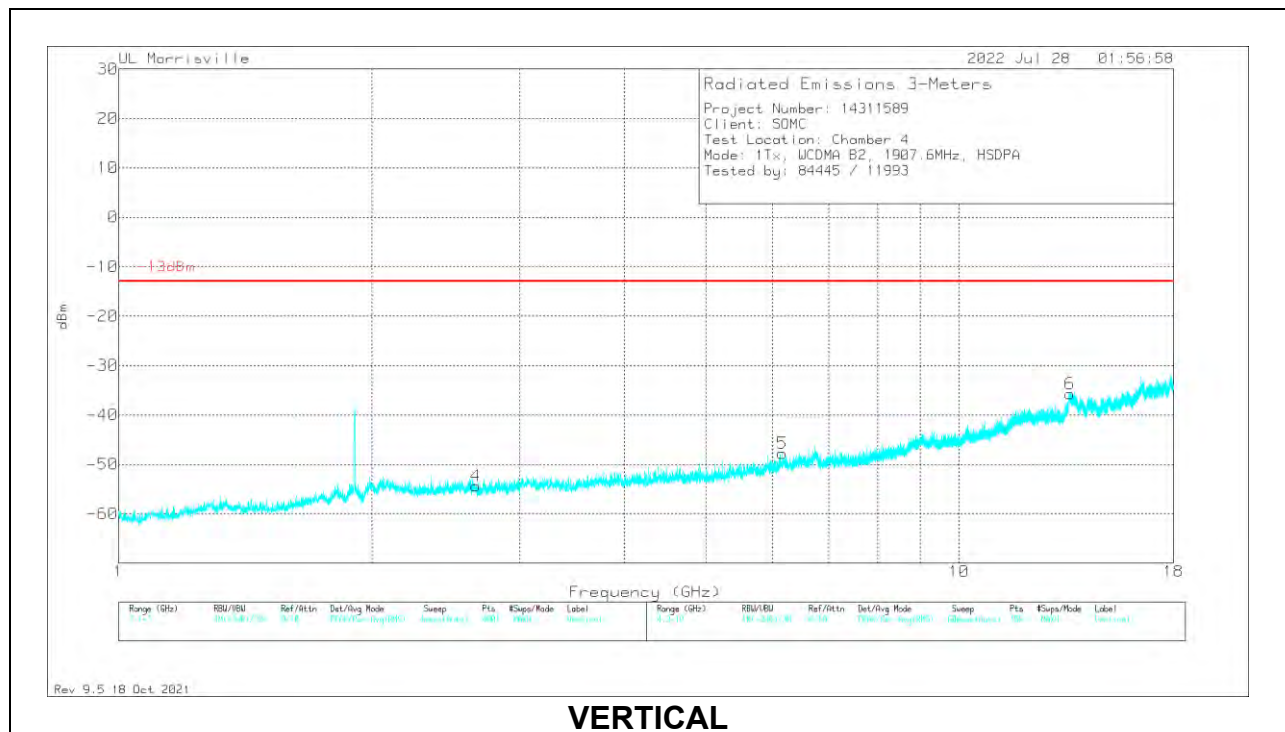
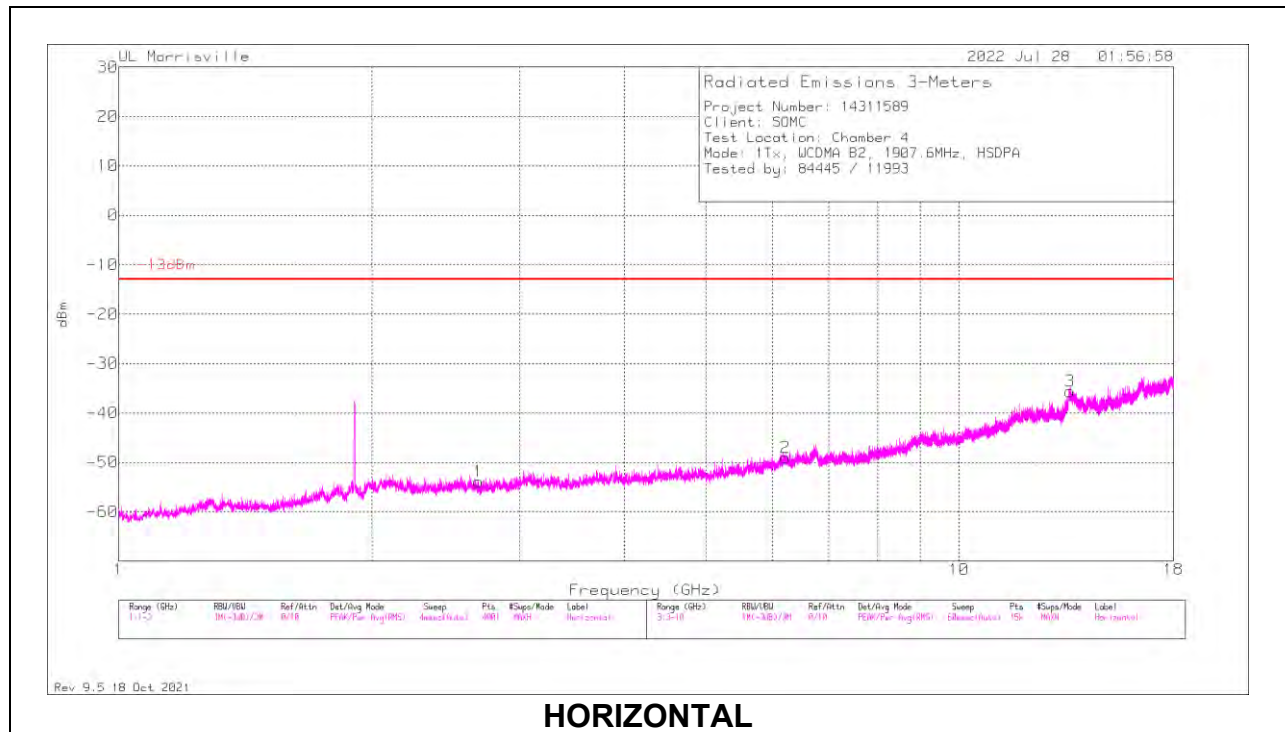


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.521	-63.16	Pk	32.7	-36.2	11.8	.5	-54.36	-13	-41.36	0-360	100	H
4	2.53	-62.34	Pk	32.7	-36.1	11.8	.5	-53.44	-13	-40.44	0-360	300	V
5	6.242	-67.78	Pk	35.5	-28.4	11.8	0	-48.88	-13	-35.88	0-360	300	V
2	6.253	-67.27	Pk	35.5	-28.7	11.8	0	-48.67	-13	-35.67	0-360	100	H
6	13.492	-66.81	Pk	38.8	-21.8	11.8	0	-38.01	-13	-25.01	0-360	200	V
3	13.497	-66.1	Pk	38.8	-21.8	11.8	0	-37.3	-13	-24.3	0-360	200	H

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.6625	-62.62	Pk	32.4	-36.4	11.8	.5	-54.32	-13	-41.32	0-360	200	V
1	2.68	-62.3	Pk	32.2	-36.1	11.8	.5	-53.9	-13	-40.9	0-360	200	H
5	6.167	-66.16	Pk	35.5	-28.9	11.8	0	-47.76	-13	-34.76	0-360	300	V
2	6.221	-67.8	Pk	35.5	-28.5	11.8	0	-49	-13	-36	0-360	200	H
6	13.564	-63.92	Pk	38.7	-22.3	11.8	0	-35.72	-13	-22.72	0-360	200	V
3	13.566	-63.85	Pk	38.7	-22.3	11.8	0	-35.65	-13	-22.65	0-360	100	H

Pk - Peak detector

10.1.4. WCDMA4

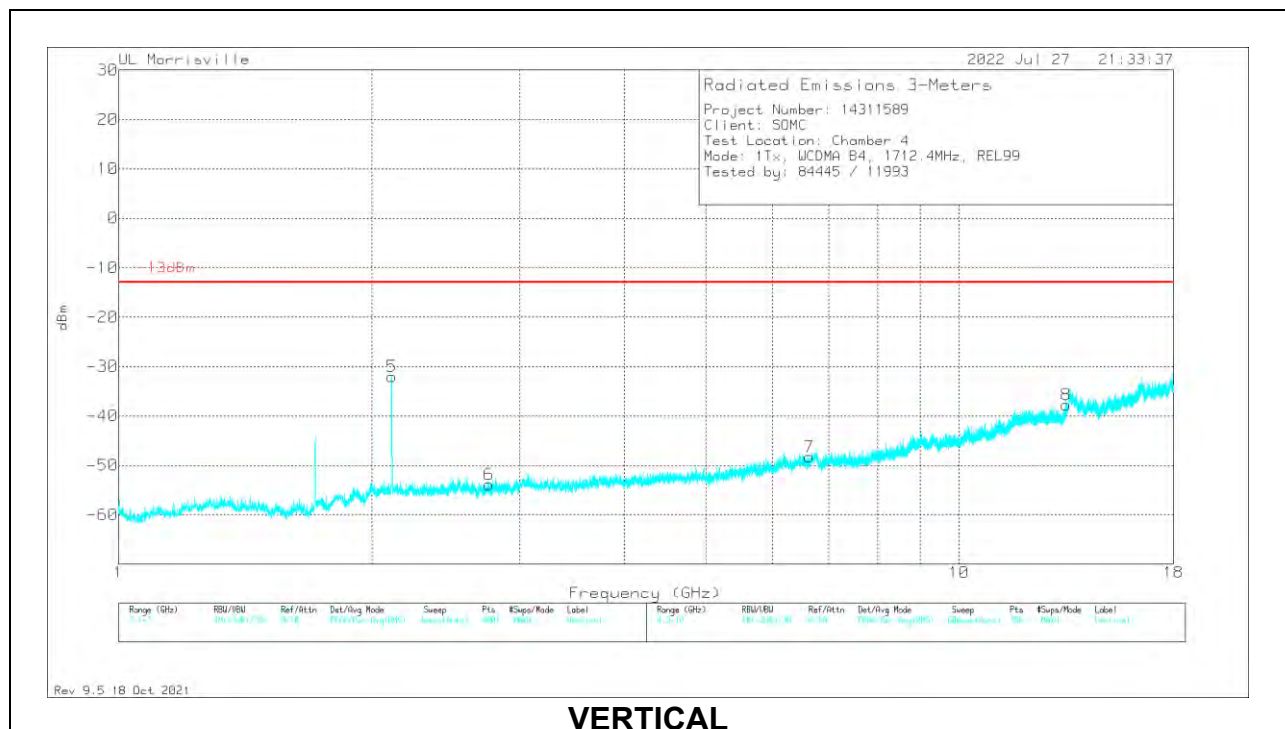
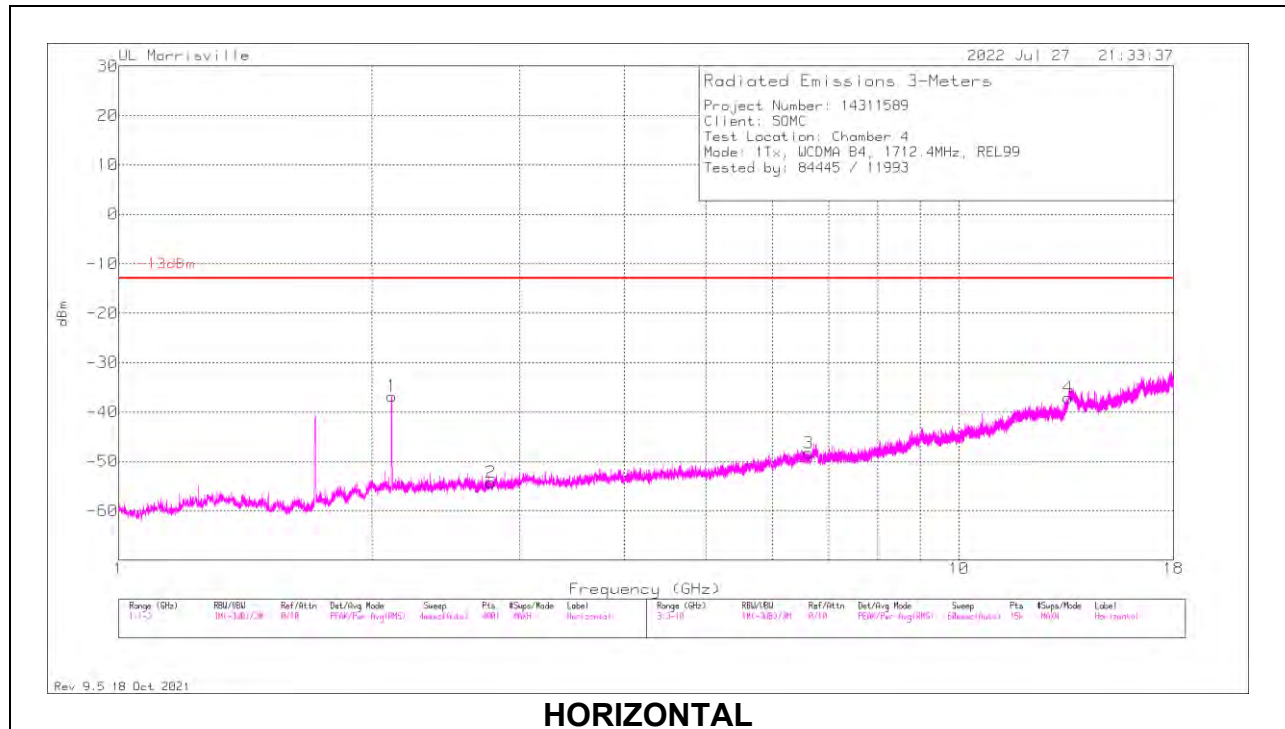
LIMITS

FCC: §27.53(h)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

REL 99

LOW CHANNEL RESULTS



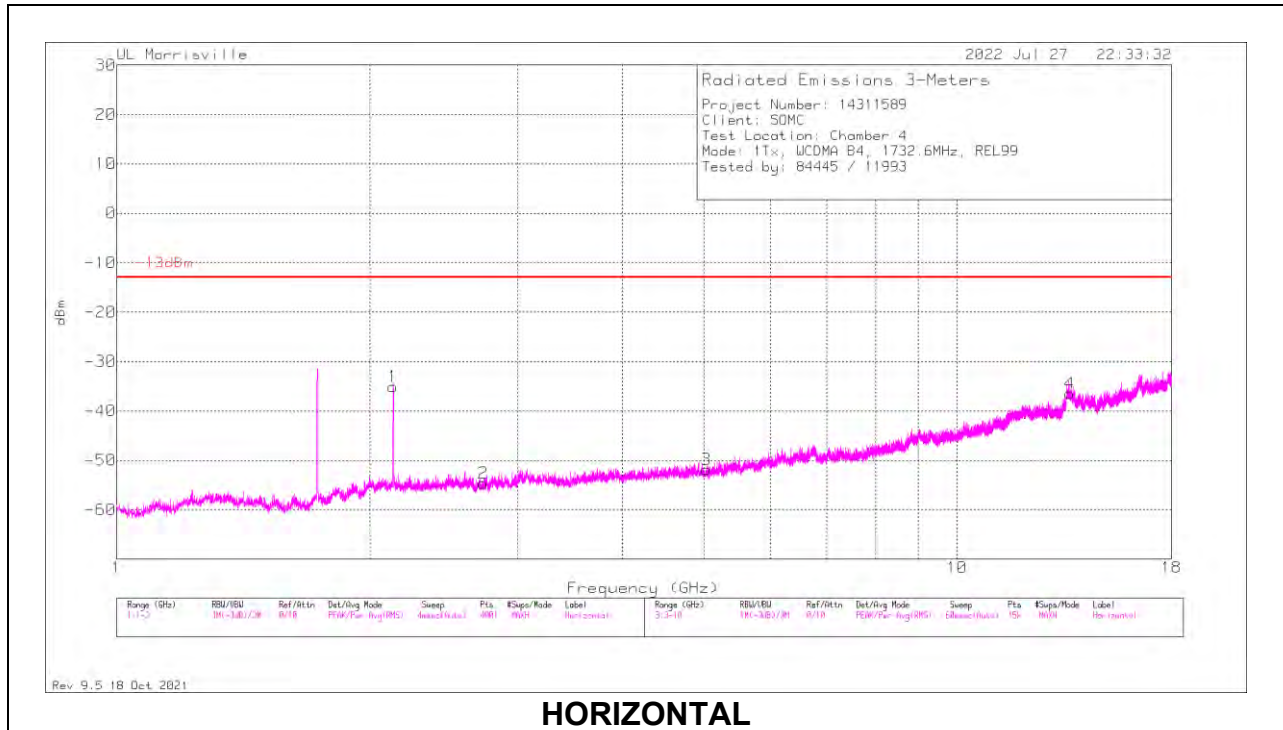
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5(DL)	2.113	-40.4	Pk	31.9	-36.3	11.8	1	-32	-	-	0-360	200	V
1(DL)	2.1135	-45.2	Pk	31.9	-36.3	11.8	1	-36.8	-	-	0-360	100	H
6	2.759	-62.42	Pk	32.4	-36.1	11.8	.4	-53.92	-13	-40.92	0-360	200	V
2	2.7735	-63	Pk	32.5	-36	11.8	.4	-54.3	-13	-41.3	0-360	100	H
3	6.626	-66.33	Pk	35.5	-29.3	11.8	0	-48.33	-13	-35.33	0-360	100	H
7	6.633	-66.29	Pk	35.5	-29.3	11.8	0	-48.29	-13	-35.29	0-360	300	V
8	13.42	-66.51	Pk	38.9	-21.9	11.8	0	-37.71	-13	-24.71	0-360	200	V
4	13.496	-65.94	Pk	38.8	-21.8	11.8	0	-37.14	-13	-24.14	0-360	100	H

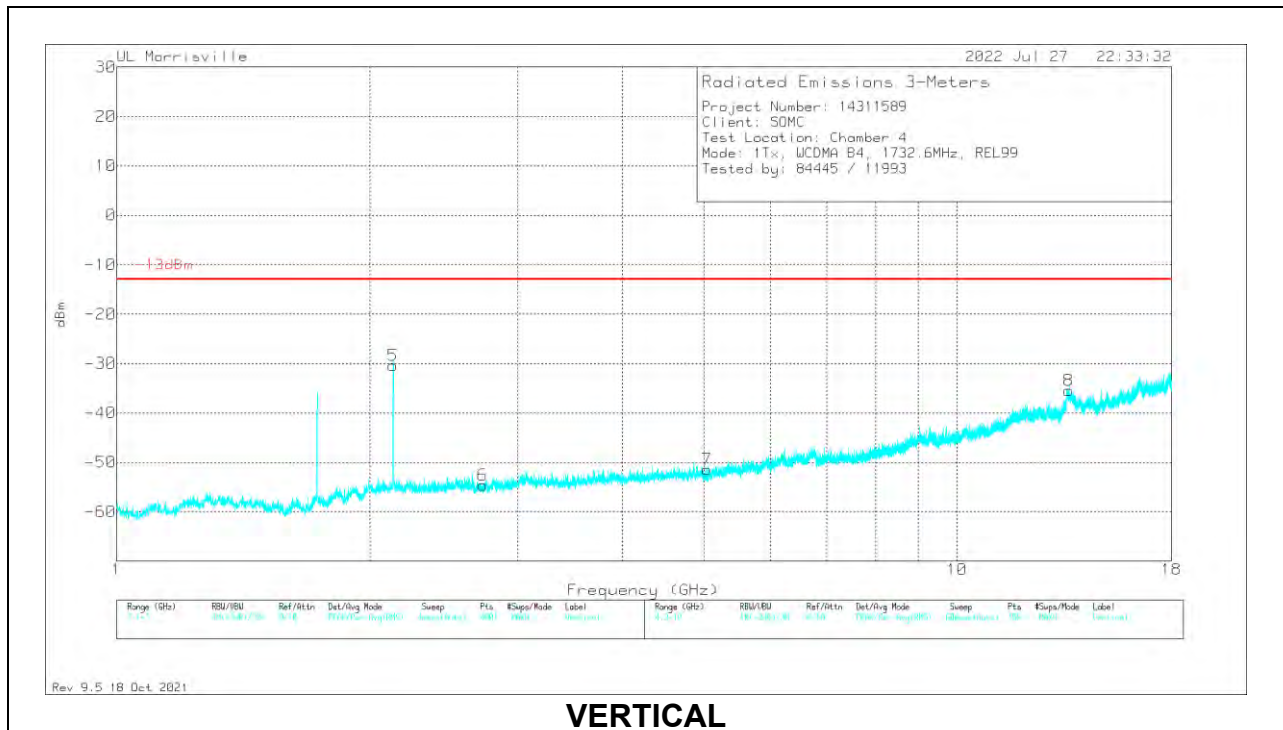
Pk - Peak detector

DL - Downlink

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

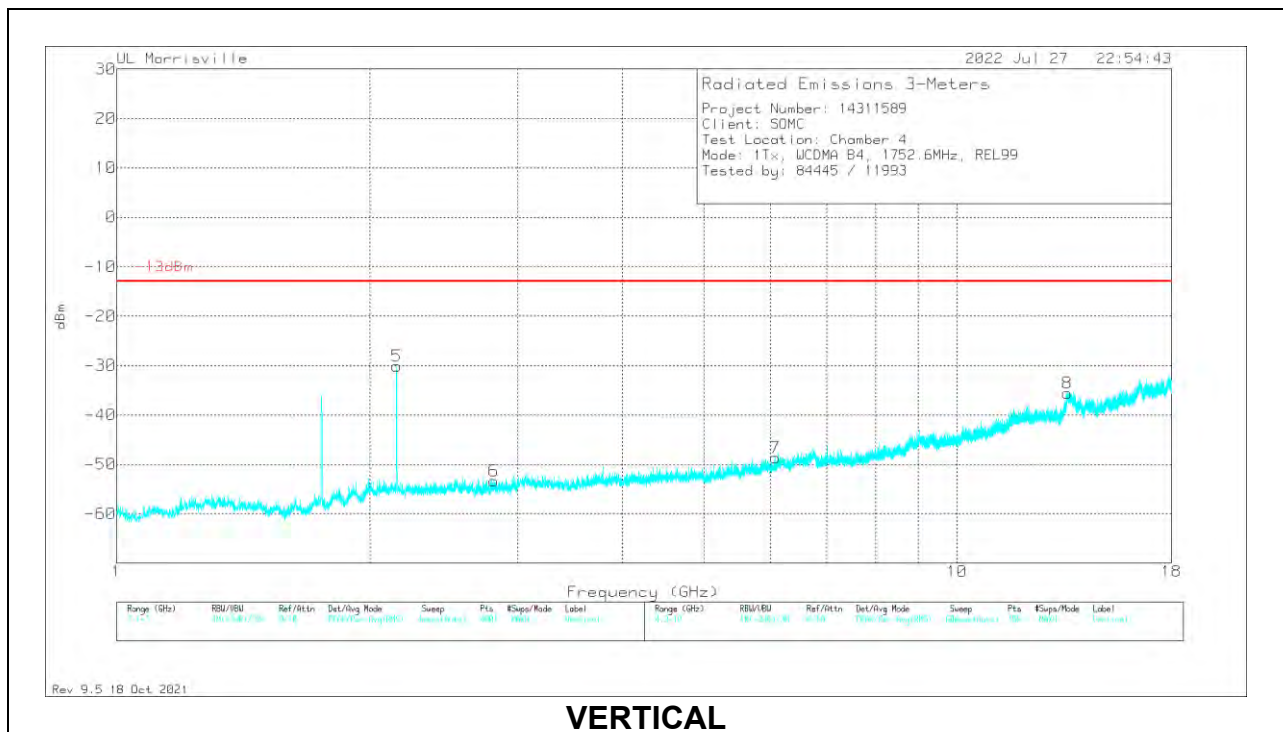
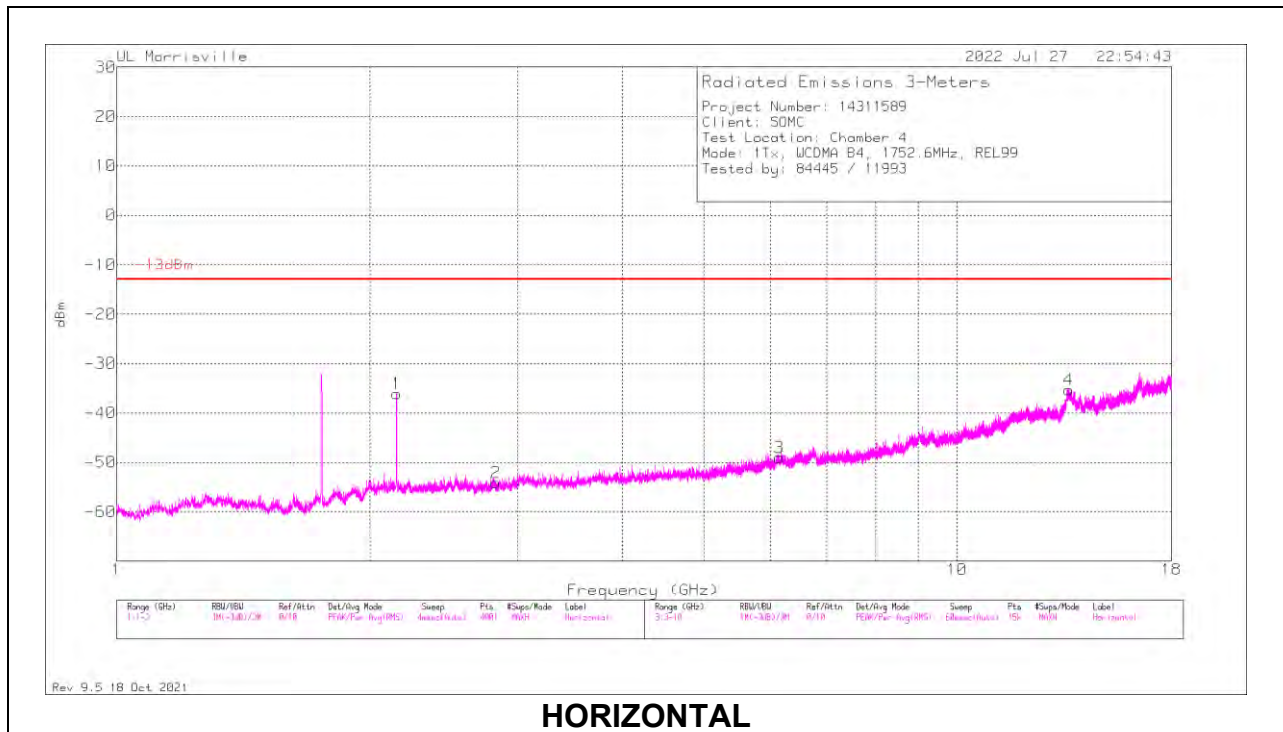
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5(DL)	2.131	-38.78	Pk	31.9	-36.3	11.8	1	-30.38	-	-	0-360	300	V
1(DL)	2.1315	-43.44	Pk	31.9	-36.3	11.8	1	-35.04	-	-	0-360	100	H
6	2.724	-63.1	Pk	32.3	-36	11.8	.4	-54.6	-13	-41.6	0-360	300	V
2	2.7315	-63.23	Pk	32.3	-35.9	11.8	.4	-54.63	-13	-41.63	0-360	100	H
3	5.034	-65.48	Pk	34	-32.2	11.8	0	-51.88	-13	-38.88	0-360	100	H
7	5.04	-65.07	Pk	34	-32.2	11.8	0	-51.47	-13	-38.47	0-360	300	V
8	13.584	-63.6	Pk	38.7	-22.4	11.8	0	-35.5	-13	-22.5	0-360	200	V
4	13.628	-64.58	Pk	38.7	-22.4	11.8	0	-36.48	-13	-23.48	0-360	100	H

Pk - Peak detector

DL – Downlink

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

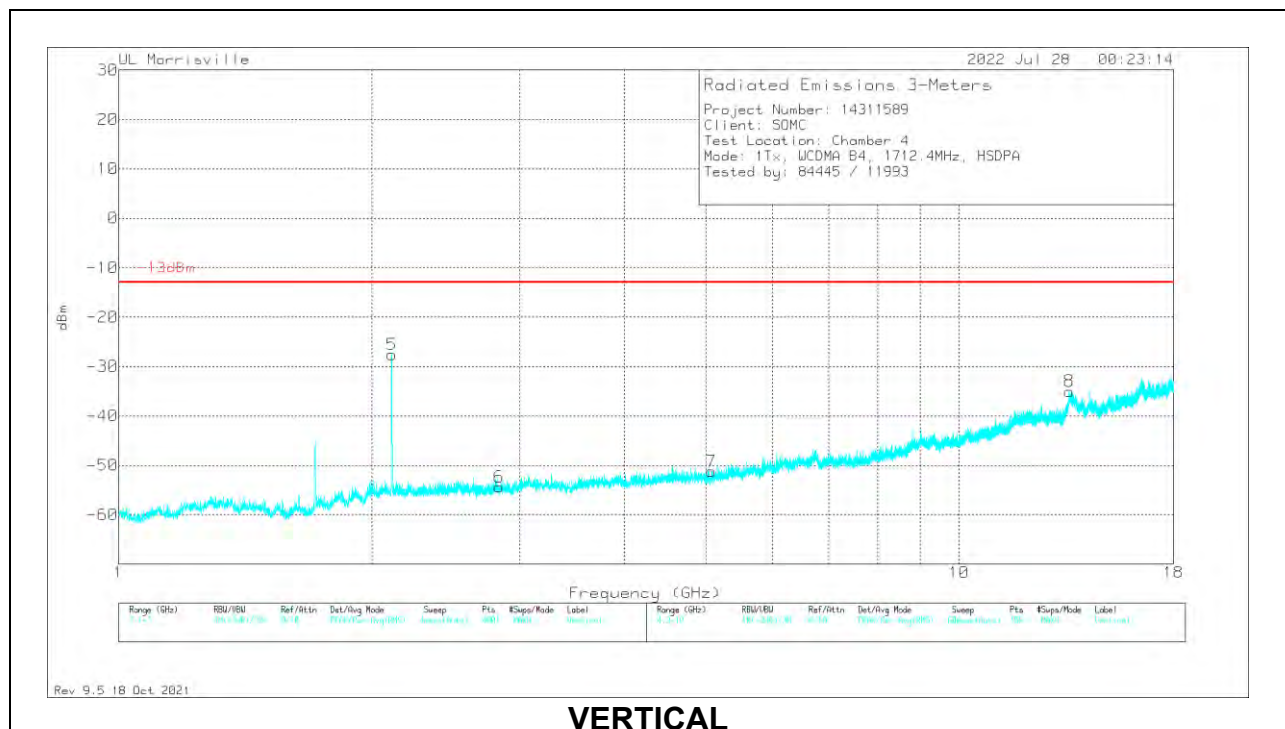
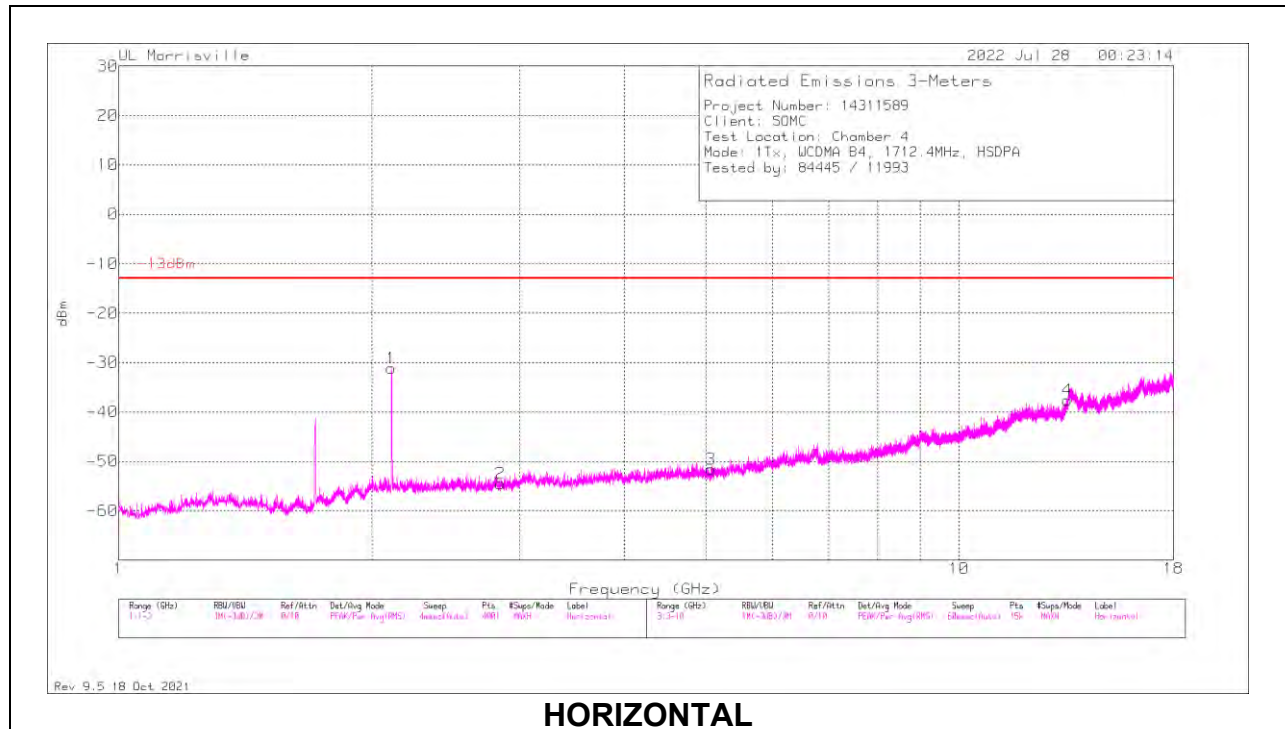
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1(DL)	2.154	-44.63	Pk	31.9	-36.2	11.8	1	-36.13	-	-	0-360	100	H
5(DL)	2.154	-38.63	Pk	31.9	-36.2	11.8	1	-30.13	-	-	0-360	300	V
6	2.8125	-62.59	Pk	32.6	-35.6	11.8	.4	-53.39	-13	-40.39	0-360	200	V
2	2.8245	-62.99	Pk	32.6	-35.9	11.8	.4	-54.09	-13	-41.09	0-360	100	H
7	6.076	-65.74	Pk	35.4	-30.1	11.8	0	-48.64	-13	-35.64	0-360	300	V
3	6.146	-66.89	Pk	35.5	-29.4	11.8	0	-48.99	-13	-35.99	0-360	200	H
8	13.523	-64.34	Pk	38.8	-21.9	11.8	0	-35.64	-13	-22.64	0-360	300	V
4	13.59	-63.51	Pk	38.7	-22.3	11.8	0	-35.31	-13	-22.31	0-360	100	H

Pk - Peak detector

DL – Downlink

HSDPA

LOW CHANNEL RESULTS



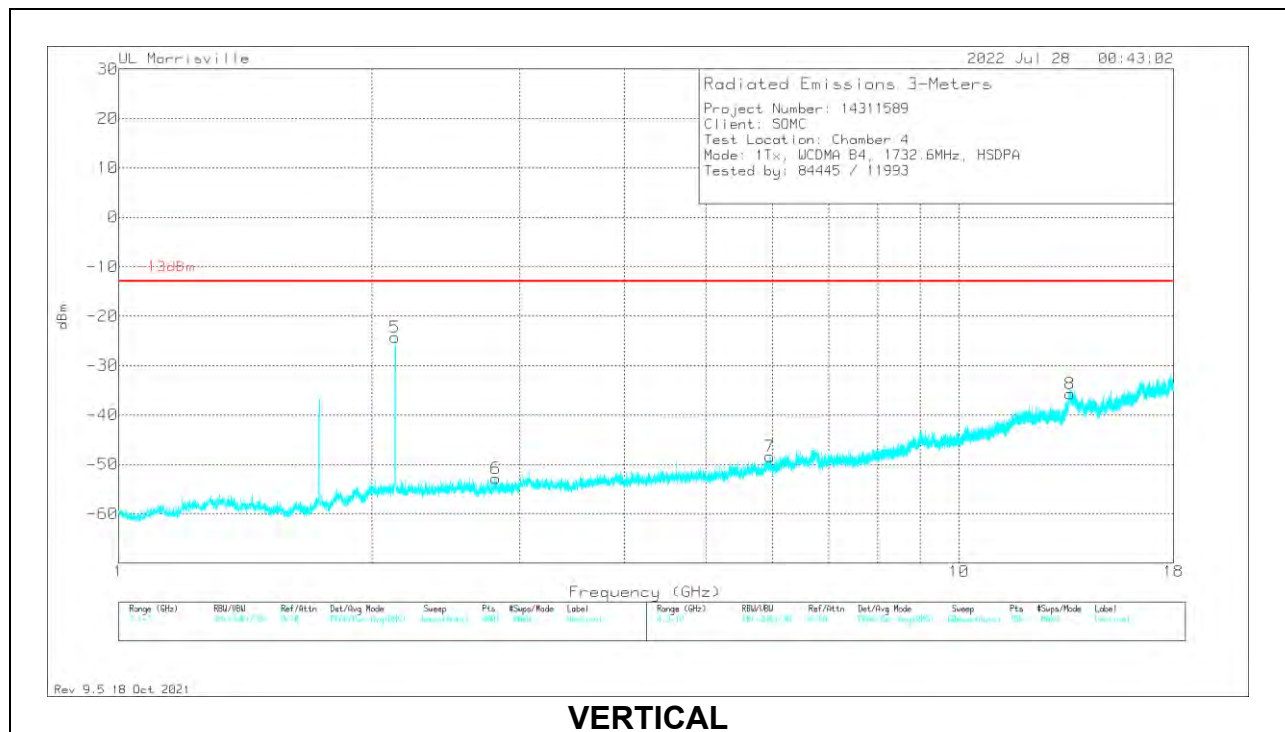
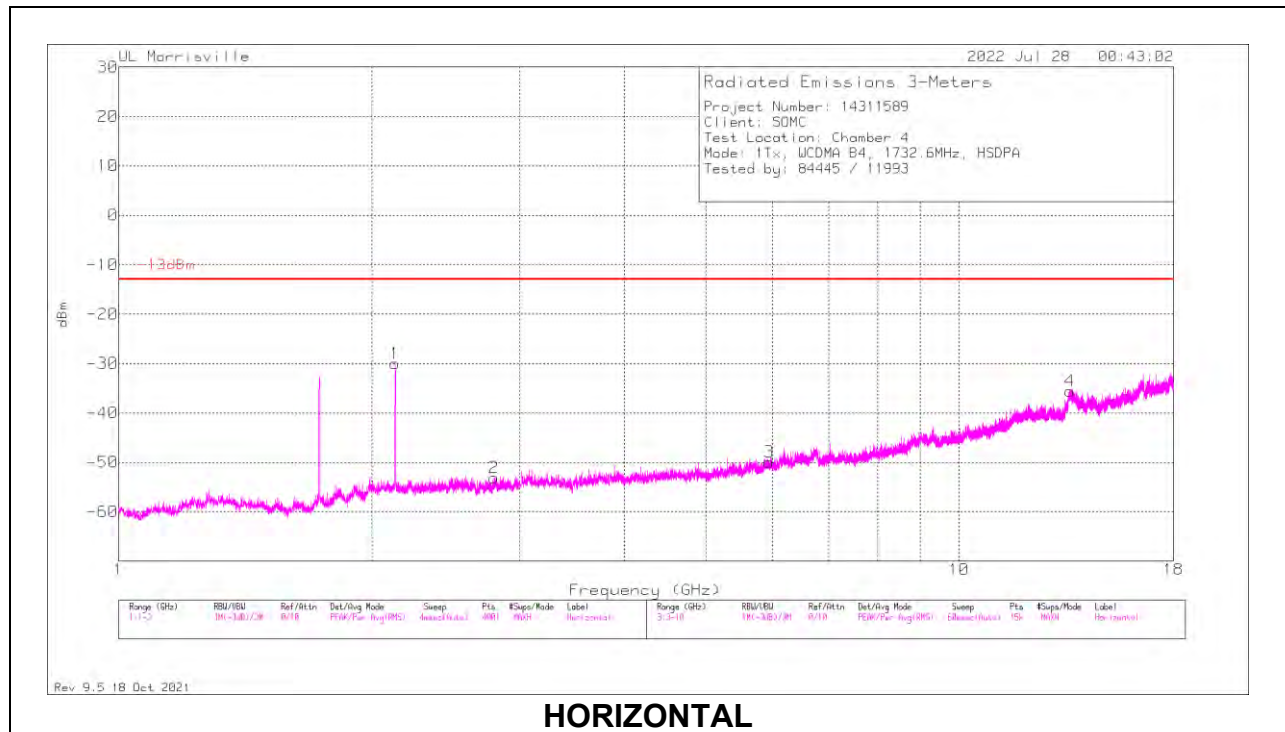
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1(DL)	2.1115	-39.53	Pk	31.9	-36.3	11.8	1	-31.13	-	-	0-360	100	H
5(DL)	2.1125	-36	Pk	31.9	-36.3	11.8	1	-27.6	-	-	0-360	200	V
6	2.8365	-63.22	Pk	32.6	-35.9	11.8	.4	-54.32	-13	-41.32	0-360	300	V
2	2.8475	-63.45	Pk	32.5	-35.8	11.8	.4	-54.55	-13	-41.55	0-360	200	H
3	5.068	-65.08	Pk	34.1	-32.4	11.8	0	-51.58	-13	-38.58	0-360	100	H
7	5.077	-64.86	Pk	34.1	-32.3	11.8	0	-51.26	-13	-38.26	0-360	300	V
4	13.465	-66.54	Pk	38.8	-21.7	11.8	0	-37.64	-13	-24.64	0-360	100	H
8	13.539	-63.62	Pk	38.7	-21.9	11.8	0	-35.02	-13	-22.02	0-360	200	V

Pk - Peak detector

DL – Downlink

MID CHANNEL RESULTS



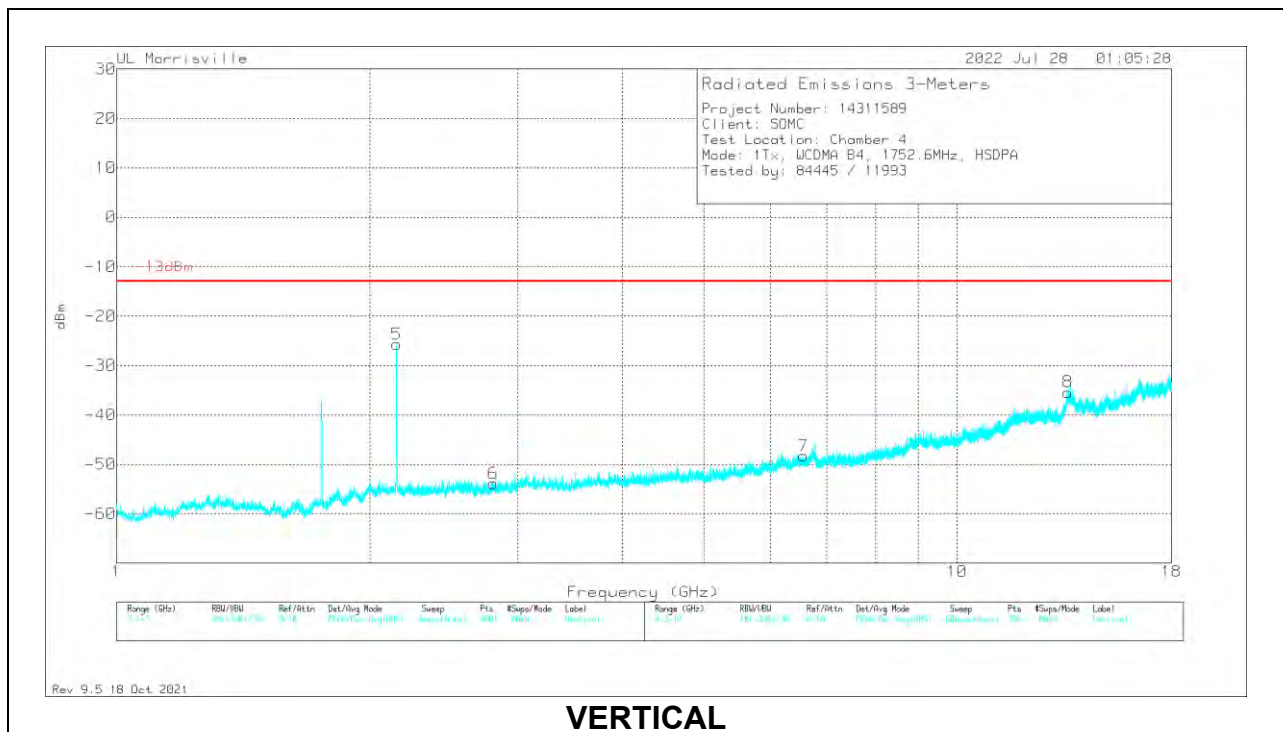
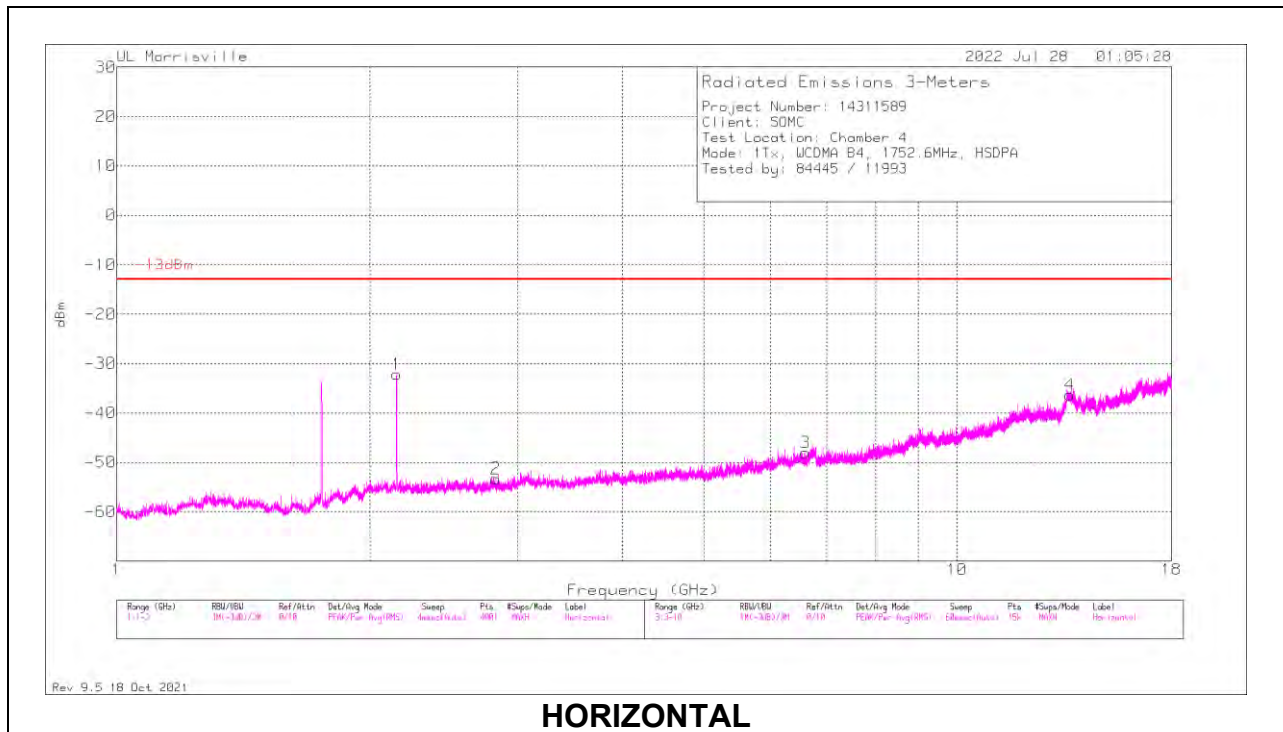
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5(DL)	2.1315	-32.68	Pk	31.9	-36.3	11.8	1	-24.28	-	-	0-360	300	V
1(DL)	2.1335	-38.37	Pk	31.9	-36.3	11.8	1	-29.97	-	-	0-360	100	H
2	2.799	-61.85	Pk	32.6	-36	11.8	.4	-53.05	-13	-40.05	0-360	200	H
6	2.811	-61.92	Pk	32.6	-35.7	11.8	.4	-52.82	-13	-39.82	0-360	300	V
3	5.94	-67.82	Pk	35.1	-29	11.8	0	-49.92	-13	-36.92	0-360	100	H
7	5.959	-66.32	Pk	35.1	-29	11.8	0	-48.42	-13	-35.42	0-360	300	V
4	13.556	-63.81	Pk	38.7	-22.3	11.8	0	-35.61	-13	-22.61	0-360	100	H
8	13.56	-63.85	Pk	38.7	-22.4	11.8	0	-35.75	-13	-22.75	0-360	200	V

Pk - Peak detector

DL – Downlink

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5(DL)	2.153	-34.2	Pk	31.9	-36.2	11.8	1	-25.7	-	-	0-360	300	V
1(DL)	2.154	-40.61	Pk	31.9	-36.2	11.8	1	-32.11	-	-	0-360	100	H
6	2.805	-62.82	Pk	32.6	-35.9	11.8	.4	-53.92	-13	-40.92	0-360	300	V
2	2.825	-62.2	Pk	32.6	-35.9	11.8	.4	-53.3	-13	-40.3	0-360	200	H
7	6.573	-66.73	Pk	35.5	-28.9	11.8	0	-48.33	-13	-35.33	0-360	300	V
3	6.607	-66.21	Pk	35.5	-29.1	11.8	0	-48.01	-13	-35.01	0-360	100	H
8	13.555	-63.6	Pk	38.7	-22.3	11.8	0	-35.4	-13	-22.4	0-360	300	V
4	13.636	-64.39	Pk	38.7	-22.5	11.8	0	-36.39	-13	-23.39	0-360	100	H

Pk - Peak detector

DL – Downlink

10.1.5. LTE BAND 2

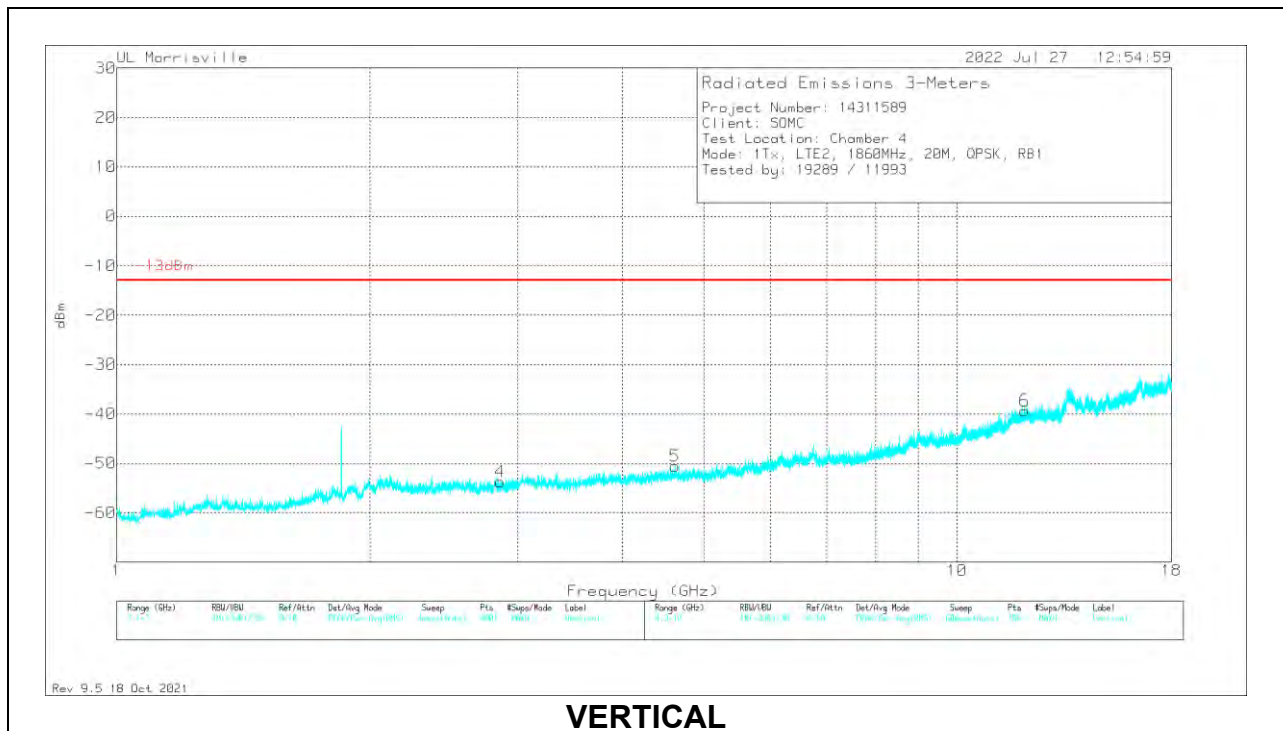
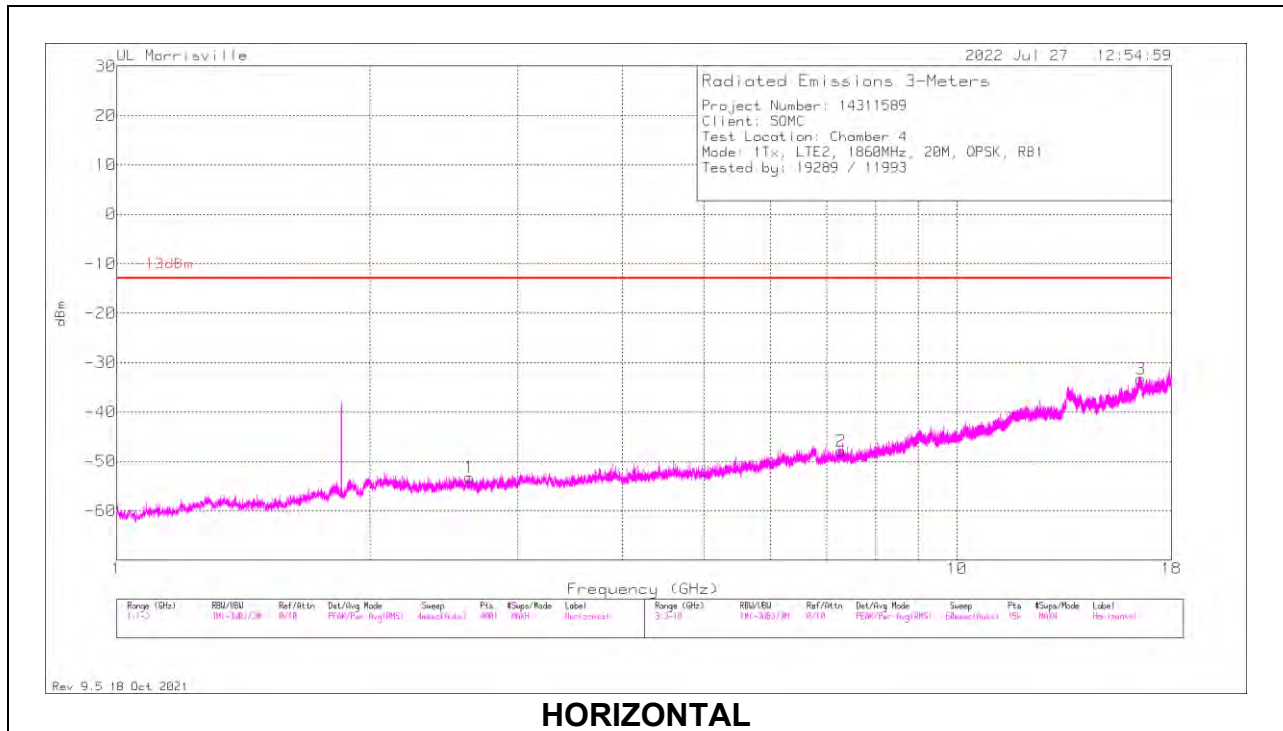
LIMITS

FCC: §24.238(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

QPSK

LOW CHANNEL RESULTS

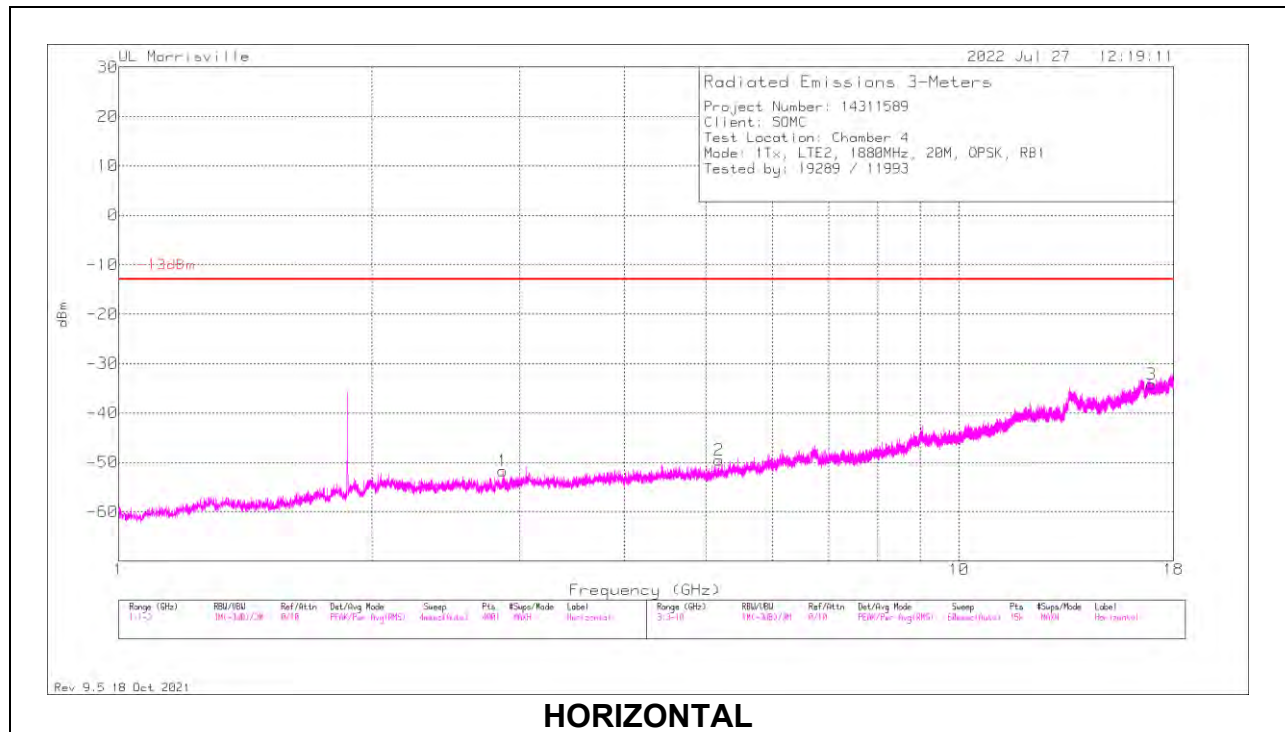


RADIATED EMISSIONS

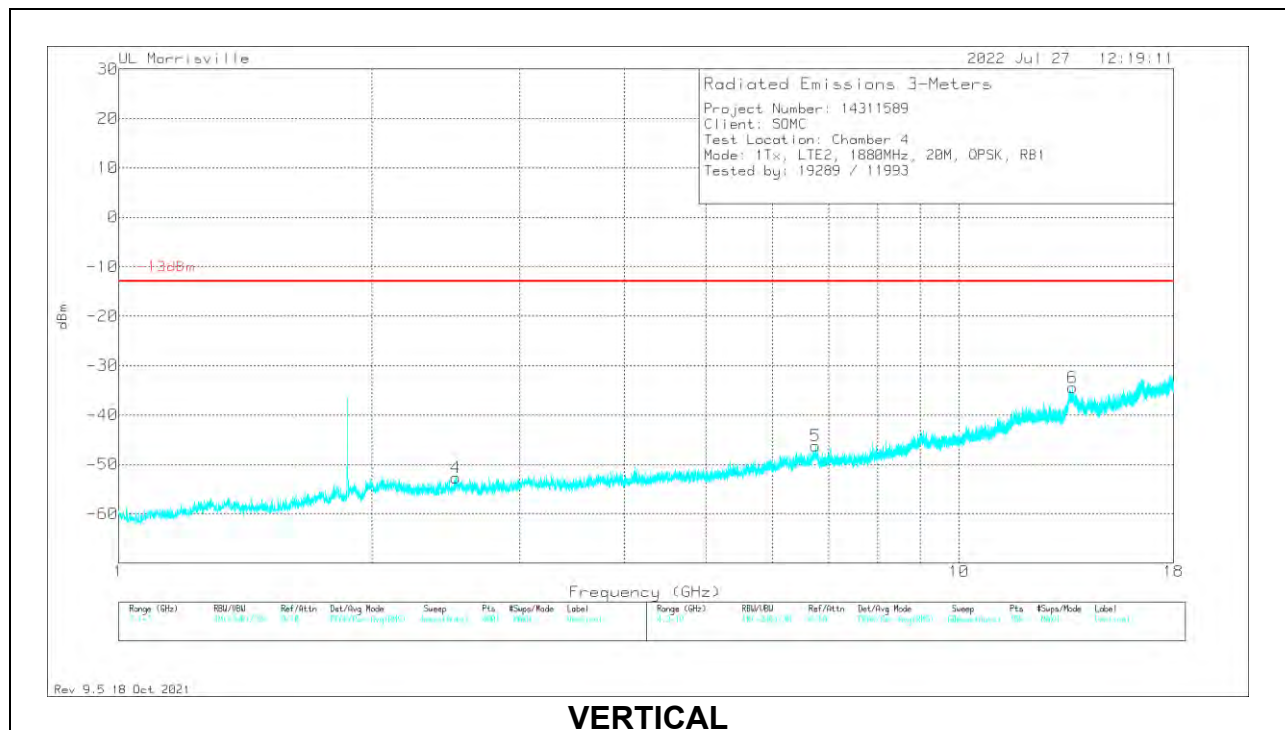
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.6275	-61.94	Pk	32.5	-36	11.8	.4	-53.24	-13	-40.24	0-360	100	H
4	2.858	-62.57	Pk	32.6	-35.9	11.8	.3	-53.77	-13	-40.77	0-360	300	V
5	4.619	-64.62	Pk	34.1	-31.9	11.8	0	-50.62	-13	-37.62	0-360	300	V
2	7.286	-67.24	Pk	35.7	-28.2	11.8	0	-47.94	-13	-34.94	0-360	100	H
6	12.037	-66.14	Pk	38.8	-23.8	11.8	0	-39.34	-13	-26.34	0-360	200	V
3	16.54	-65.93	Pk	41	-20.2	11.8	0	-33.33	-13	-20.33	0-360	100	H

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



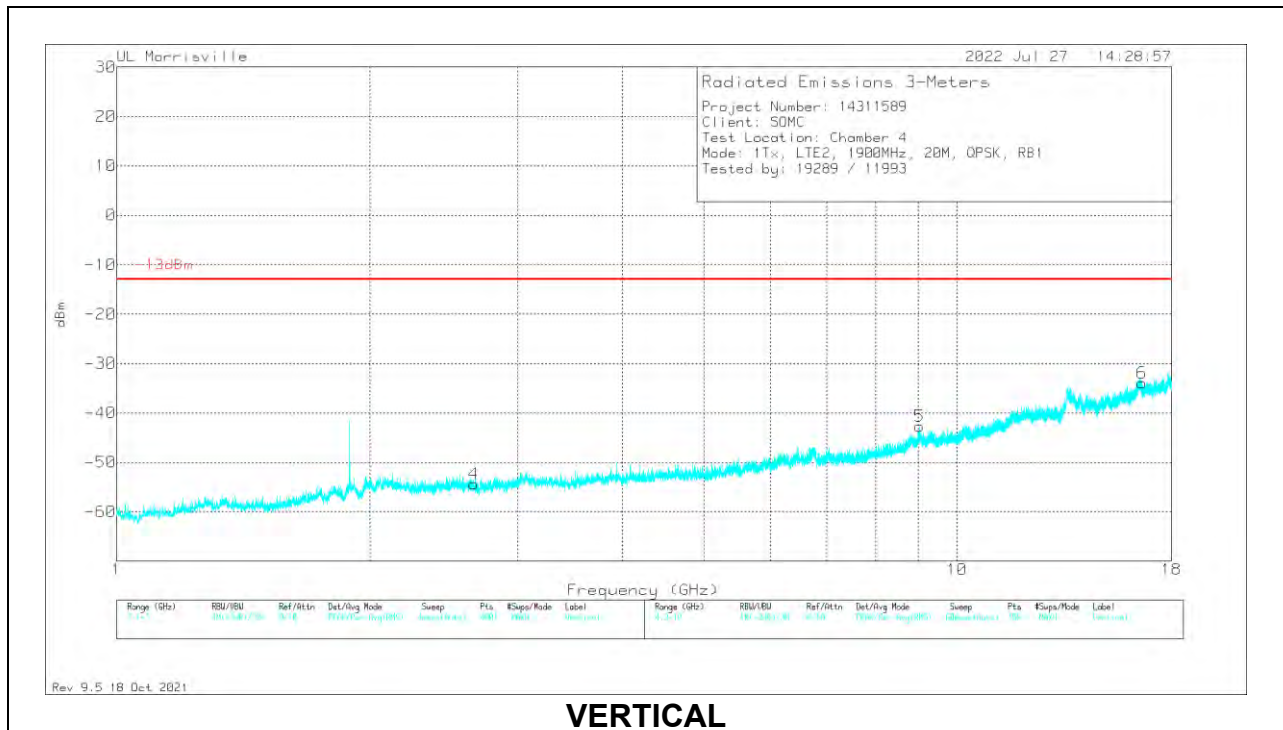
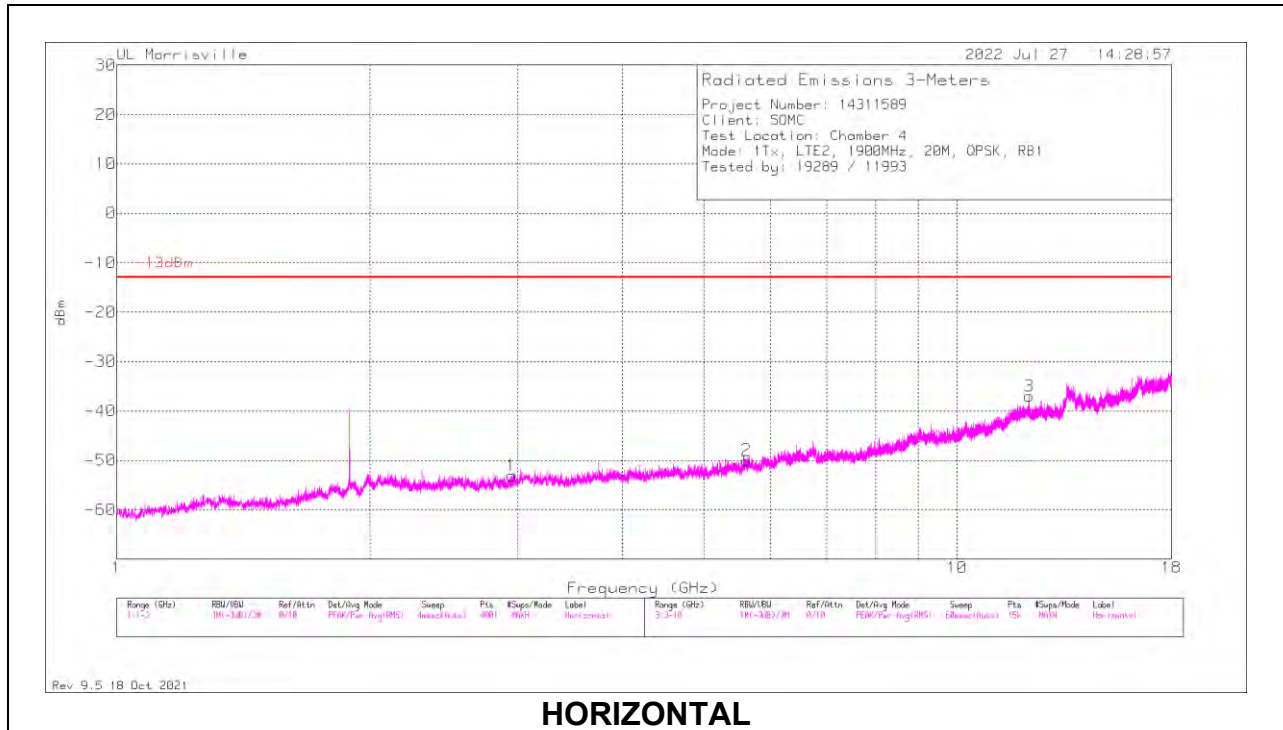
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.5195	-61.48	Pk	32.7	-36.3	11.8	.5	-52.78	-13	-39.78	0-360	300	V
1	2.867	-60.56	Pk	32.7	-35.9	11.8	.3	-51.66	-13	-38.66	0-360	100	H
2	5.18	-64.18	Pk	34.2	-31.4	11.8	0	-49.58	-13	-36.58	0-360	100	H
5	6.746	-65.87	Pk	35.6	-27.8	11.8	0	-46.27	-13	-33.27	0-360	300	V
6	13.653	-62.96	Pk	38.7	-22	11.8	0	-34.46	-13	-21.46	0-360	200	V
3	16.947	-67.17	Pk	41.3	-20.1	11.8	0	-34.17	-13	-21.17	0-360	200	H

Pk - Peak detector

HIGH CHANNEL RESULTS



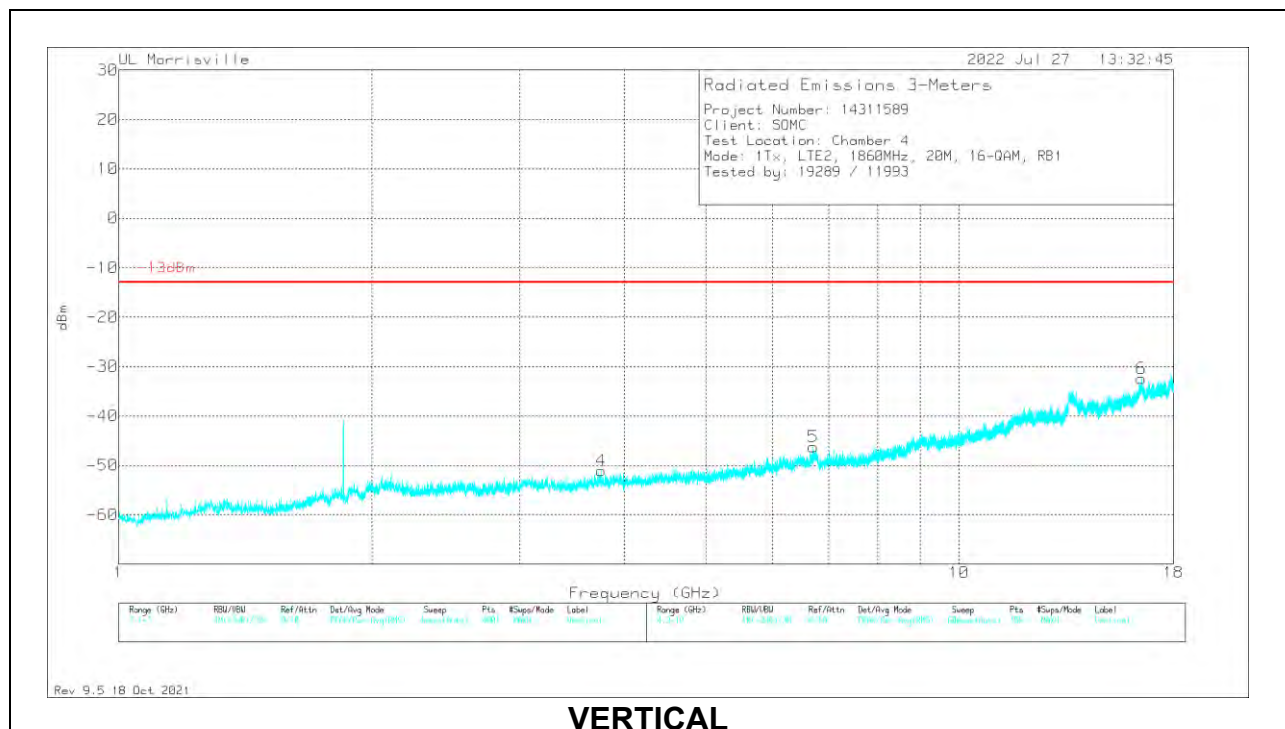
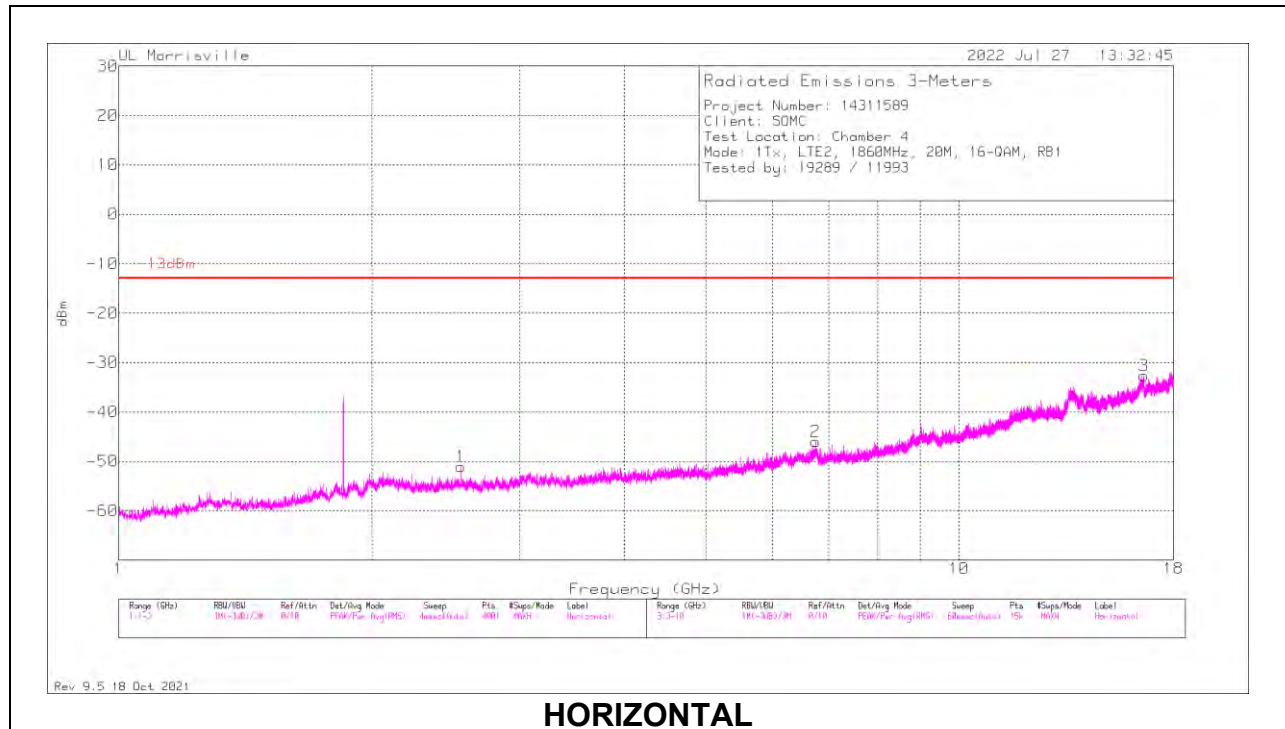
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.6605	-62.73	Pk	32.4	-36.3	11.8	.5	-54.33	-13	-41.33	0-360	200	V
1	2.9525	-62.26	Pk	32.7	-35.8	11.8	.4	-53.16	-13	-40.16	0-360	200	H
2	5.614	-65.9	Pk	34.8	-30.7	11.8	0	-50	-13	-37	0-360	100	H
5	9.028	-65.69	Pk	36.1	-24.9	11.8	0	-42.69	-13	-29.69	0-360	300	V
3	12.179	-64.01	Pk	38.9	-23.7	11.8	0	-37.01	-13	-24.01	0-360	200	H
6	16.597	-66.88	Pk	41.1	-20	11.8	0	-33.98	-13	-20.98	0-360	300	V

Pk - Peak detector

16QAM

LOW CHANNEL RESULTS

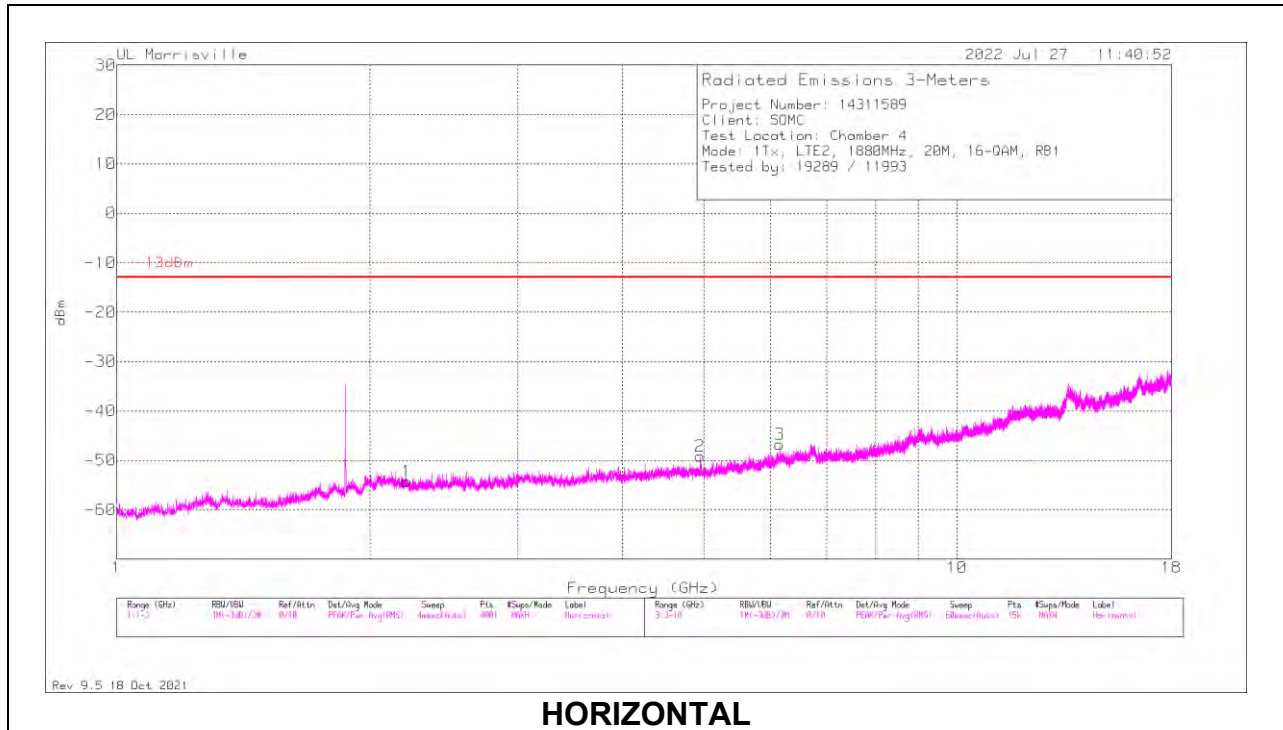


RADIATED EMISSIONS

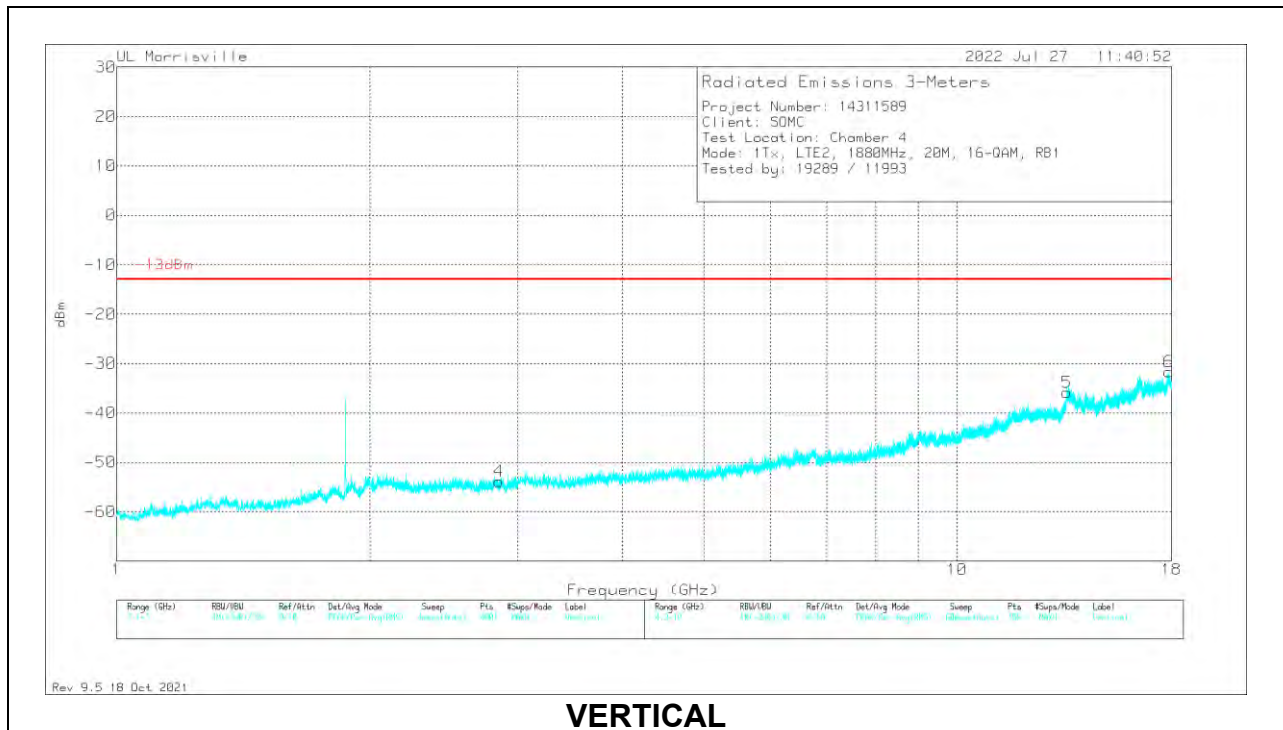
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.554	-59.82	Pk	32.7	-36.2	11.8	.5	-51.02	-13	-38.02	0-360	100	H
4	3.754	-63.46	Pk	33.5	-32.9	11.8	0	-51.06	-13	-38.06	0-360	300	V
5	6.71	-65.64	Pk	35.6	-28	11.8	0	-46.24	-13	-33.24	0-360	300	V
2	6.747	-65.55	Pk	35.6	-27.9	11.8	0	-46.05	-13	-33.05	0-360	100	H
6	16.483	-65.28	Pk	40.9	-19.8	11.8	0	-32.38	-13	-19.38	0-360	300	V
3	16.599	-65.59	Pk	41.1	-20	11.8	0	-32.69	-13	-19.69	0-360	200	H

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



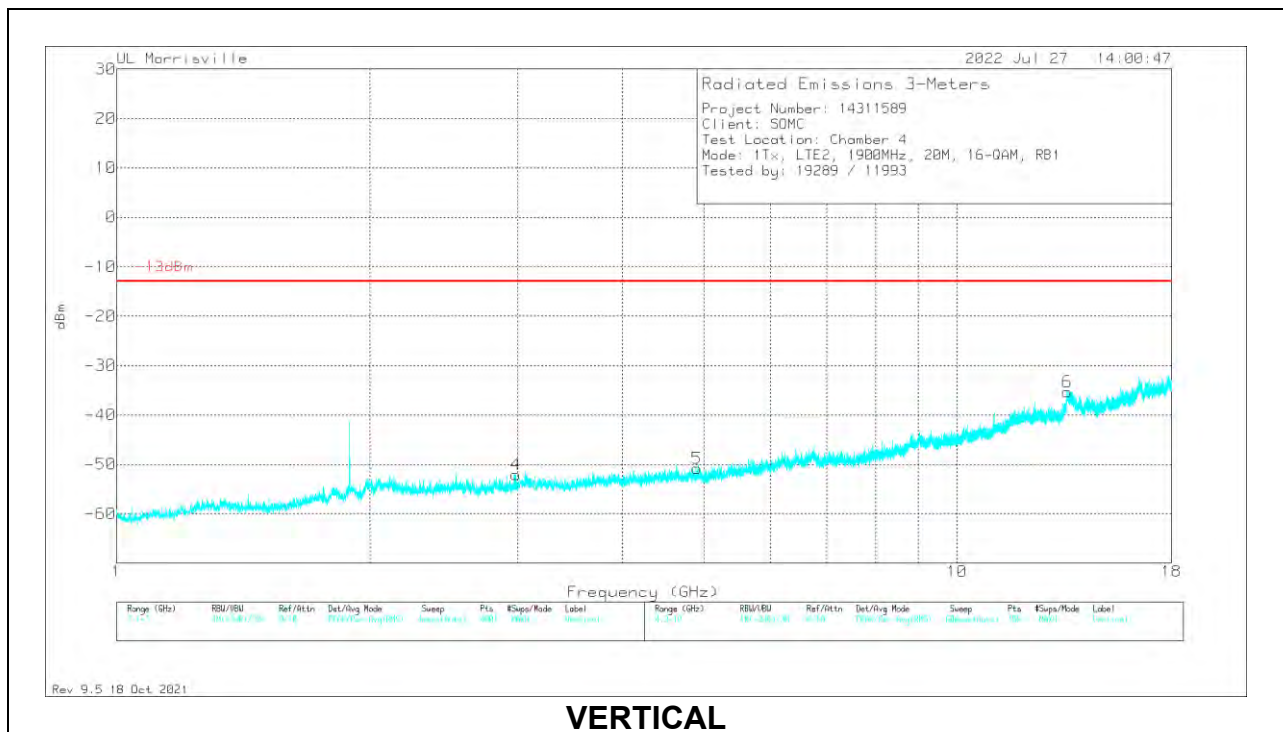
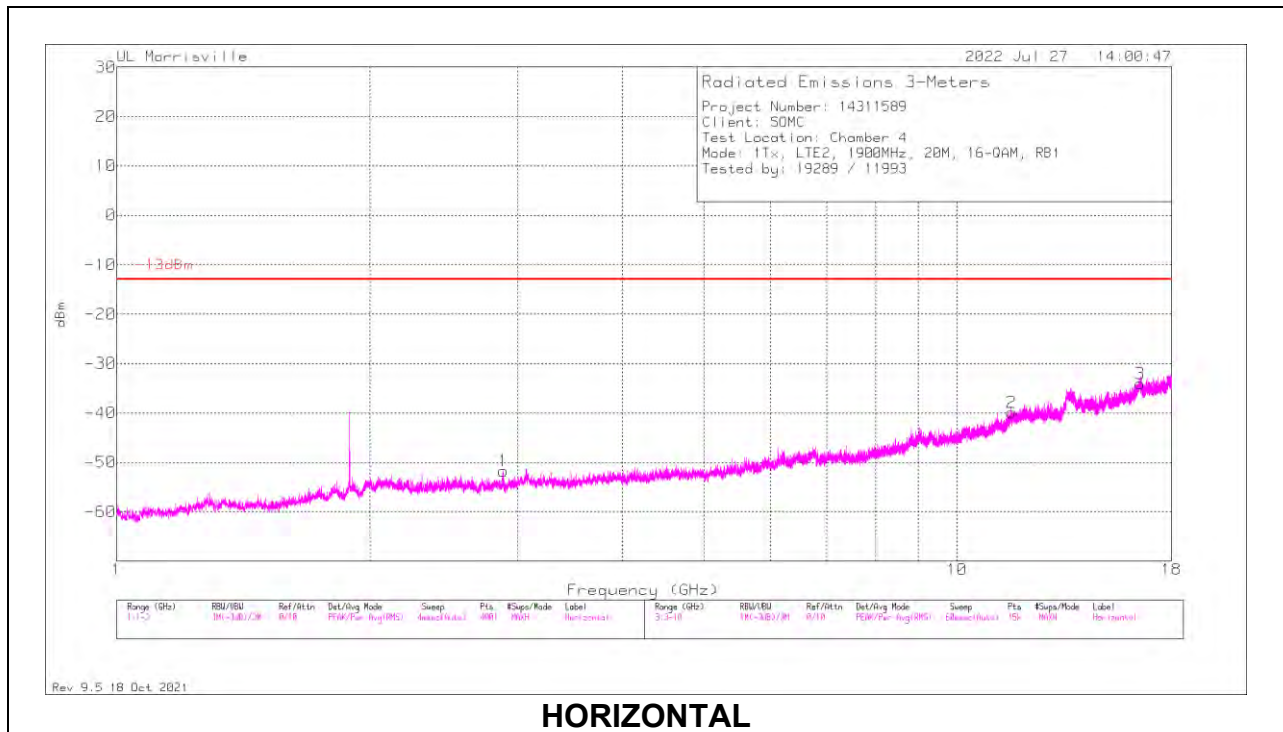
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.2145	-62.86	Pk	32	-36.1	11.8	.9	-54.26	-13	-41.26	0-360	100	H
4	2.8485	-62.72	Pk	32.5	-35.9	11.8	.4	-53.92	-13	-40.92	0-360	300	V
2	4.947	-63.56	Pk	34	-31.4	11.8	0	-49.16	-13	-36.16	0-360	100	H
3	6.151	-64.74	Pk	35.5	-29.3	11.8	0	-46.74	-13	-33.74	0-360	100	H
5	13.501	-64.51	Pk	38.8	-21.9	11.8	0	-35.81	-13	-22.81	0-360	200	V
6	17.862	-66.43	Pk	41.1	-18.1	11.8	0	-31.63	-13	-18.63	0-360	200	V

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.884	-60.87	Pk	32.7	-35.8	11.8	.4	-51.77	-13	-38.77	0-360	100	H
4	2.9835	-61.41	Pk	32.9	-35.7	11.8	.3	-52.11	-13	-39.11	0-360	300	V
5	4.901	-65.05	Pk	34	-31.6	11.8	0	-50.85	-13	-37.85	0-360	200	V
2	11.608	-66.25	Pk	38.3	-23.8	11.8	0	-39.95	-13	-26.95	0-360	100	H
6	13.544	-63.78	Pk	38.7	-22.1	11.8	0	-35.38	-13	-22.38	0-360	300	V
3	16.516	-66.65	Pk	41	-20.2	11.8	0	-34.05	-13	-21.05	0-360	200	H

Pk - Peak detector

10.1.6. LTE BAND 4

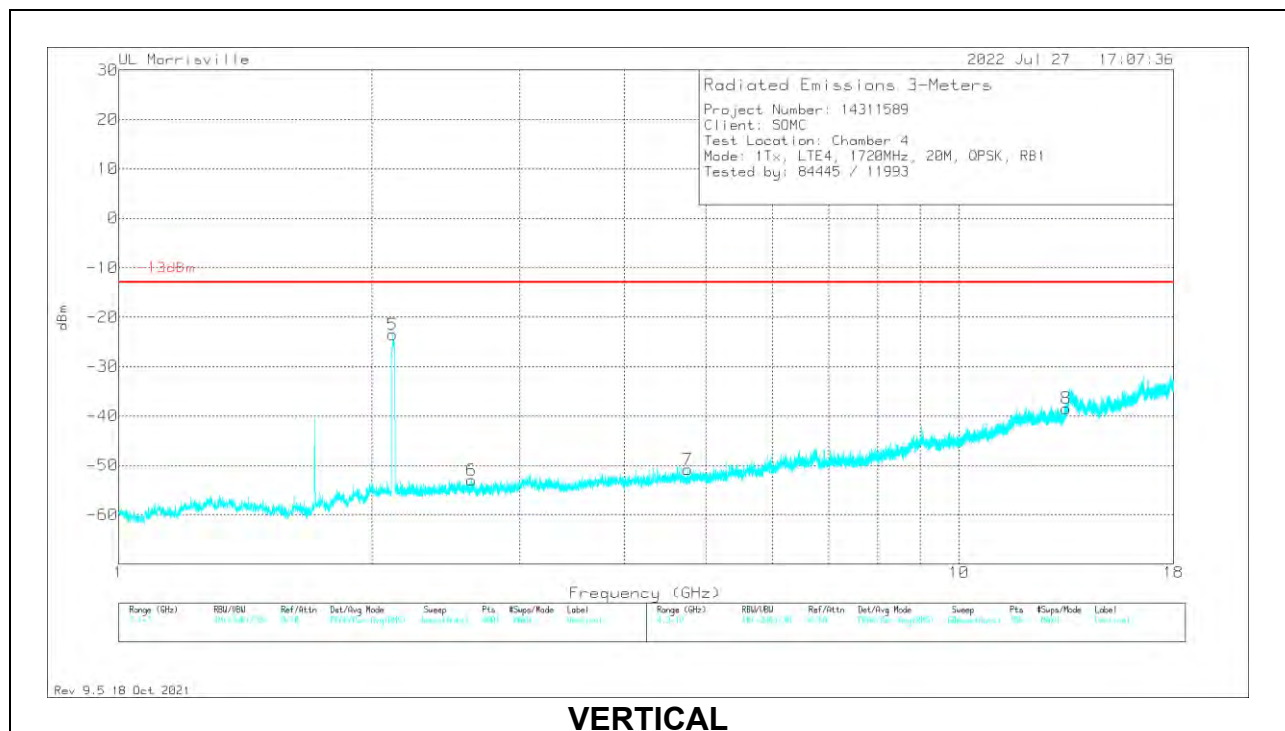
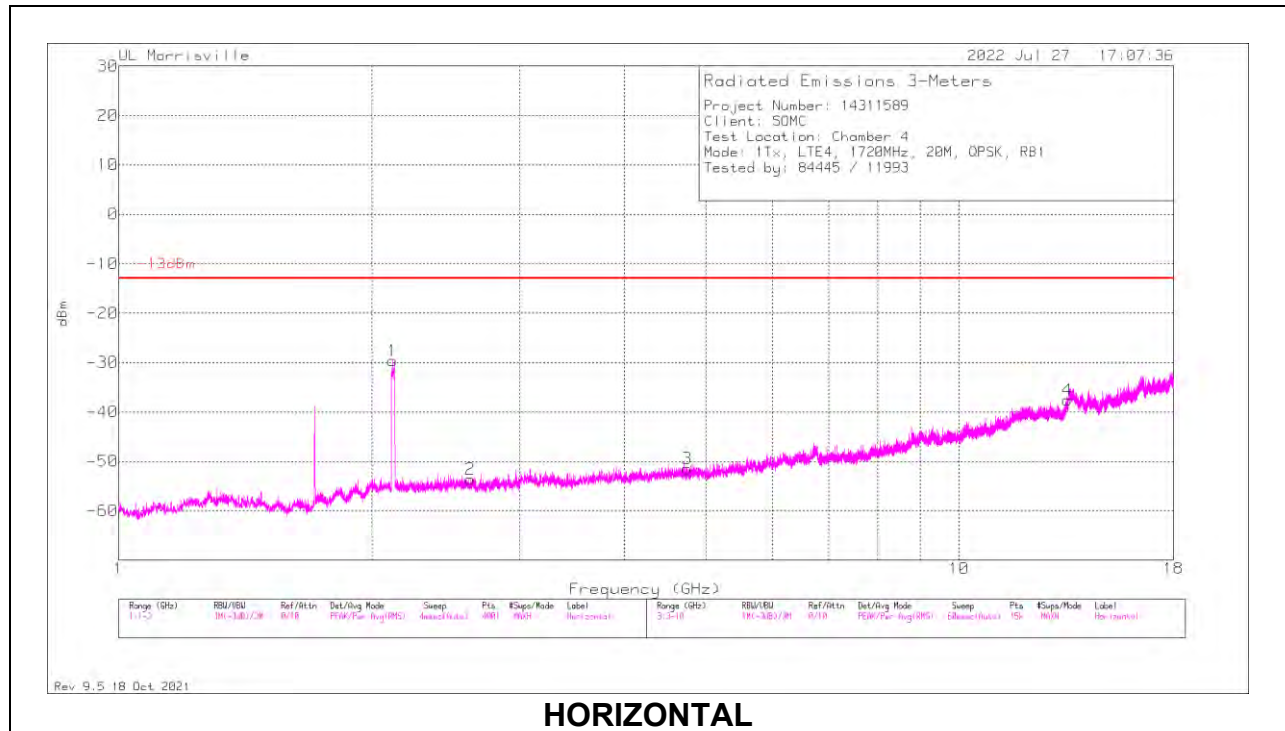
LIMITS

FCC: §27.53(h)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

QPSK

LOW CHANNEL RESULTS



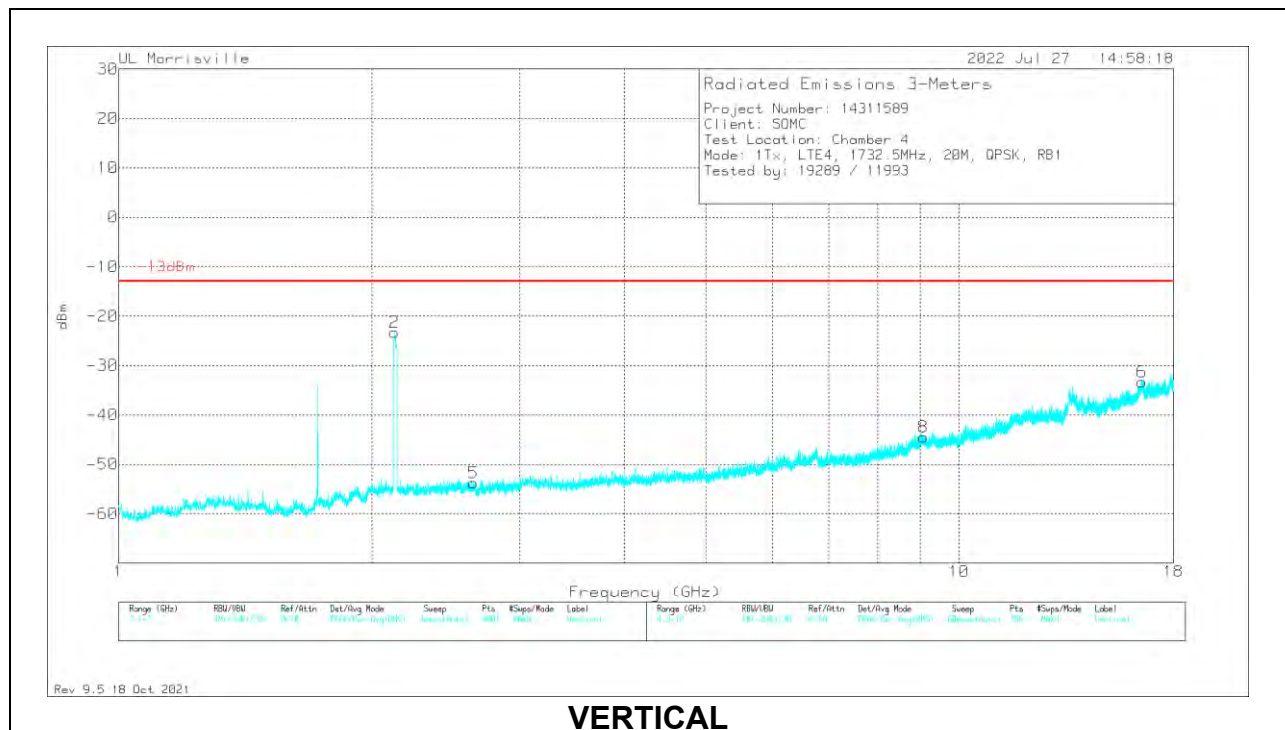
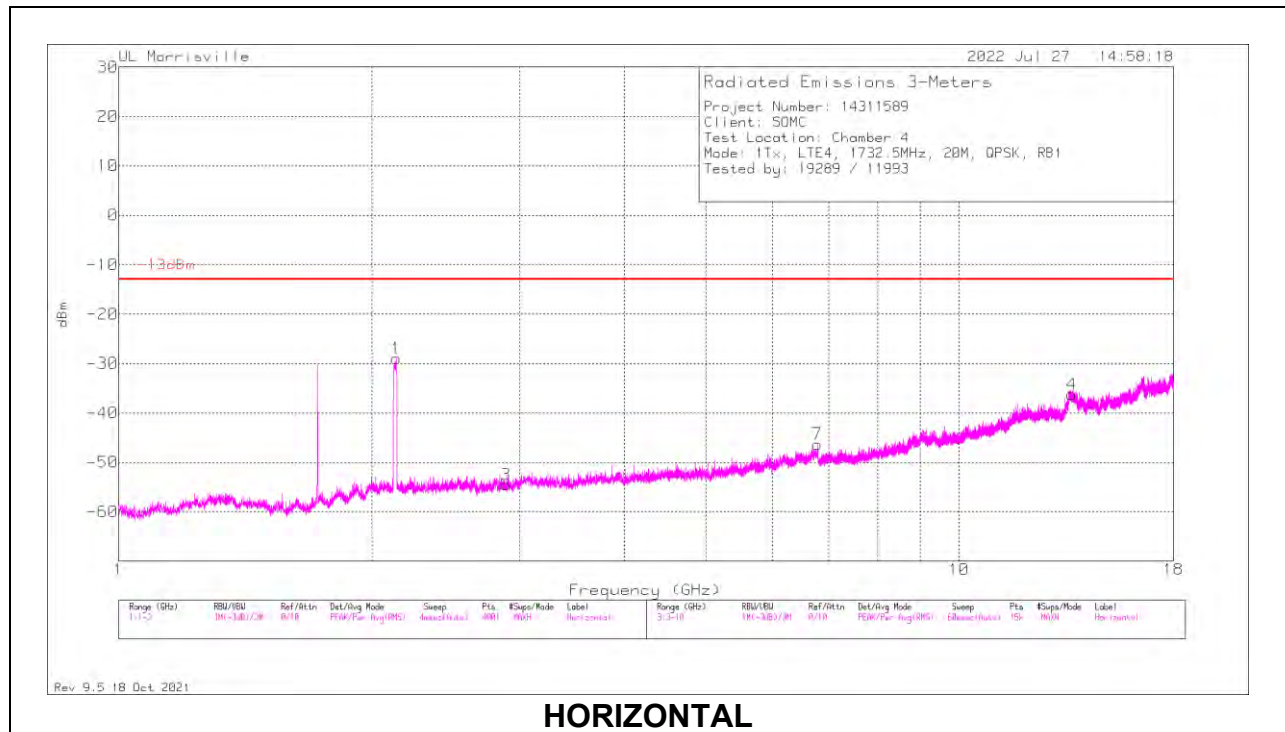
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1 ^{DL}	2.118	-38.17	Pk	31.9	-36.2	11.8	1	-29.67	-	-	0-360	100	H
5 ^{DL}	2.118	-32.09	Pk	31.9	-36.2	11.8	1	-23.59	-	-	0-360	200	V
2	2.6205	-62.27	Pk	32.5	-36.1	11.8	.4	-53.67	-13	-40.67	0-360	200	H
6	2.631	-61.64	Pk	32.5	-36	11.8	.4	-52.94	-13	-39.94	0-360	300	V
3	4.746	-65.5	Pk	34	-31.7	11.8	0	-51.4	-13	-38.4	0-360	100	H
7	4.758	-64.83	Pk	34	-31.8	11.8	0	-50.83	-13	-37.83	0-360	300	V
8	13.421	-67.25	Pk	38.9	-21.9	11.8	0	-38.45	-13	-25.45	0-360	300	V
4	13.454	-66.68	Pk	38.8	-21.6	11.8	0	-37.68	-13	-24.68	0-360	200	H

Pk - Peak detector

DL - Down Link

MID CHANNEL RESULTS



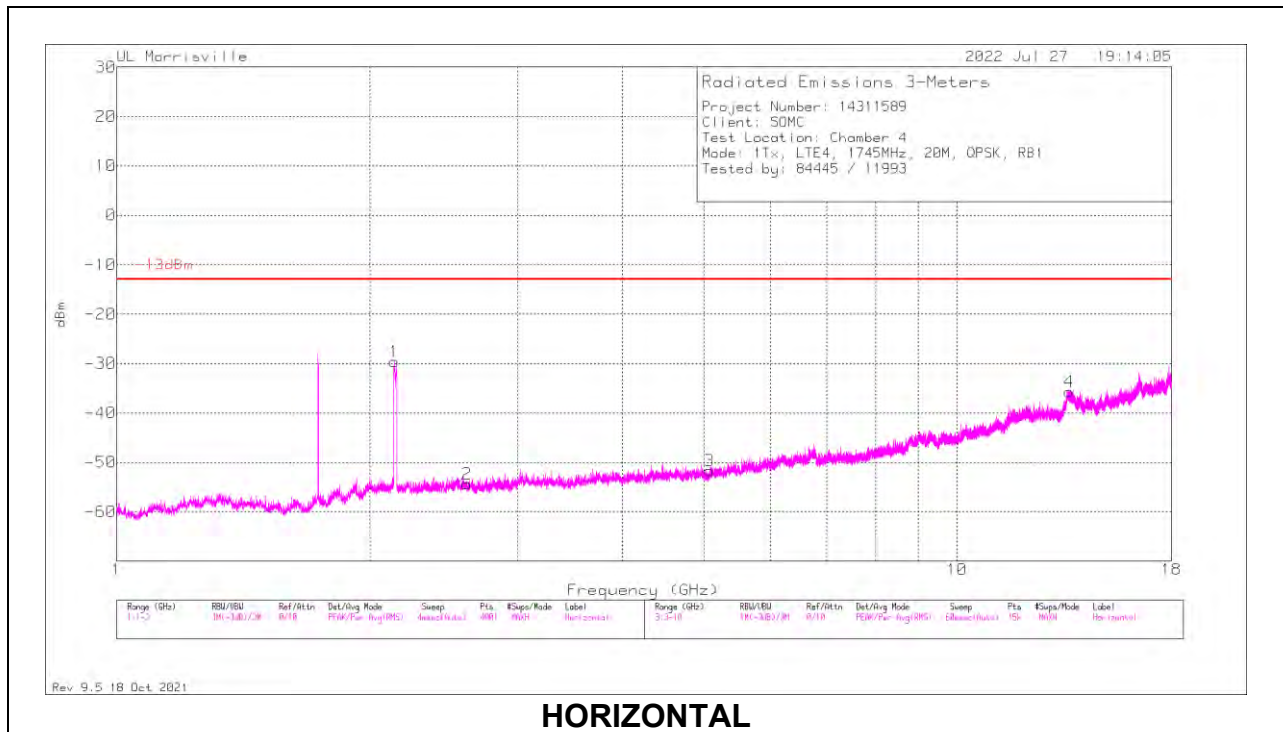
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2 ^{DL}	2.13	-31.62	Pk	31.9	-36.3	11.8	1	-23.22	-	-	0-360	300	V
1 ^{DL}	2.138	-37.49	Pk	31.9	-36.2	11.8	1	-28.99	-	-	0-360	100	H
5	2.6435	-62.25	Pk	32.4	-36.1	11.8	.4	-53.75	-13	-40.75	0-360	200	V
3	2.89	-63.52	Pk	32.6	-35.8	11.8	.4	-54.52	-13	-41.52	0-360	100	H
7	6.783	-65.52	Pk	35.6	-28.2	11.8	0	-46.32	-13	-33.32	0-360	100	H
8	9.066	-67.29	Pk	36.1	-25.1	11.8	0	-44.49	-13	-31.49	0-360	300	V
4	13.631	-64.23	Pk	38.7	-22.5	11.8	0	-36.23	-13	-23.23	0-360	100	H
6	16.519	-65.8	Pk	41	-20.3	11.8	0	-33.3	-13	-20.3	0-360	300	V

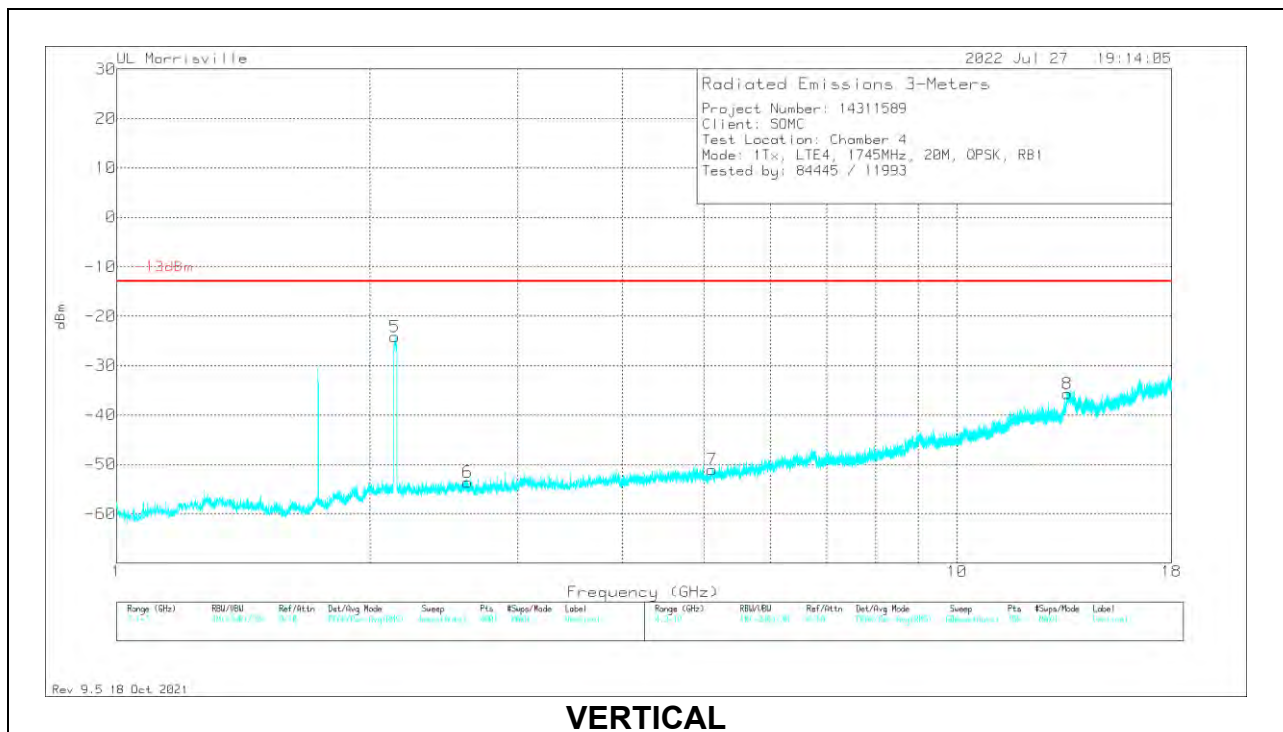
Pk - Peak detector

DL – Down link

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

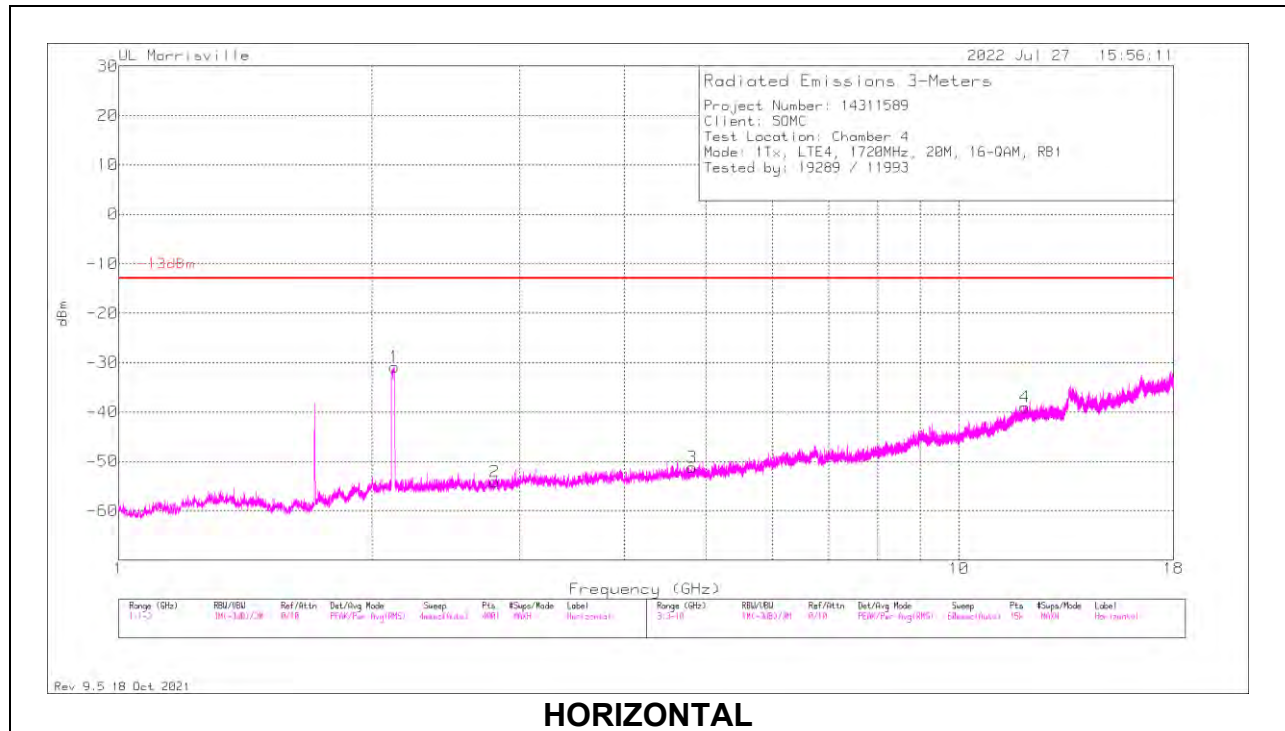
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1 ^{DL}	2.1385	-38.17	Pk	31.9	-36.2	11.8	1	-29.67	-	-	0-360	100	H
5 ^{DL}	2.1445	-32.82	Pk	31.9	-36.1	11.8	1	-24.22	-	-	0-360	300	V
2	2.6115	-63.02	Pk	32.6	-36.1	11.8	.4	-54.32	-13	-41.32	0-360	100	H
6	2.6145	-62.23	Pk	32.5	-36.1	11.8	.4	-53.63	-13	-40.63	0-360	300	V
3	5.076	-65.35	Pk	34.1	-32.3	11.8	0	-51.75	-13	-38.75	0-360	200	H
7	5.109	-65.23	Pk	34.1	-31.8	11.8	0	-51.13	-13	-38.13	0-360	300	V
8	13.534	-64.37	Pk	38.7	-21.9	11.8	0	-35.77	-13	-22.77	0-360	300	V
4	13.594	-63.86	Pk	38.7	-22.3	11.8	0	-35.66	-13	-22.66	0-360	100	H

Pk - Peak detector

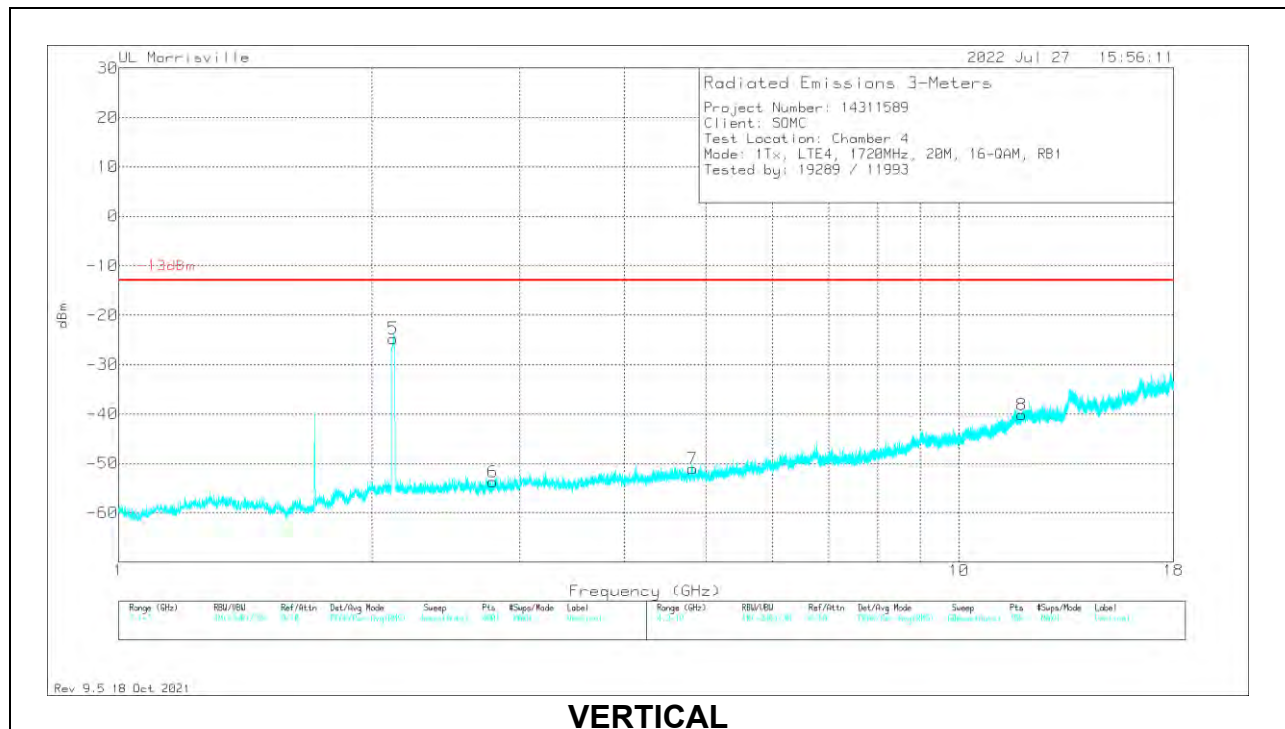
DL - Down Link

16QAM

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

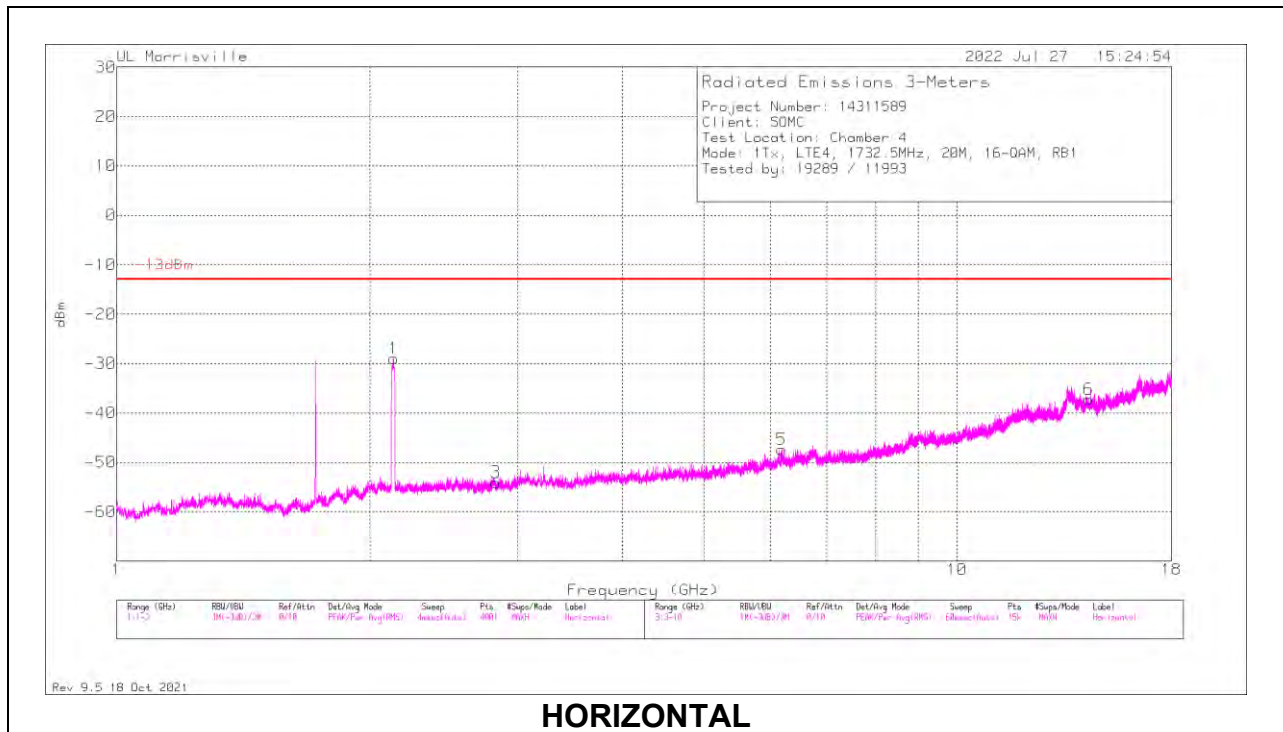
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5 ^{DL}	2.1205	-33.24	Pk	31.9	-36.2	11.8	1	-24.74	-	-	0-360	200	V
1 ^{DL}	2.1285	-39.26	Pk	31.9	-36.3	11.8	1	-30.86	-	-	0-360	100	H
6	2.7875	-62.5	Pk	32.5	-35.9	11.8	.4	-53.7	-13	-40.7	0-360	300	V
2	2.804	-62.98	Pk	32.6	-36	11.8	.4	-54.18	-13	-41.18	0-360	100	H
3	4.809	-65.34	Pk	34.1	-31.8	11.8	0	-51.24	-13	-38.24	0-360	100	H
7	4.819	-65.1	Pk	34.1	-31.9	11.8	0	-51.1	-13	-38.1	0-360	300	V
8	11.884	-67.07	Pk	38.7	-23.6	11.8	0	-40.17	-13	-27.17	0-360	300	V
4	11.984	-65.95	Pk	38.8	-23.7	11.8	0	-39.05	-13	-26.05	0-360	100	H

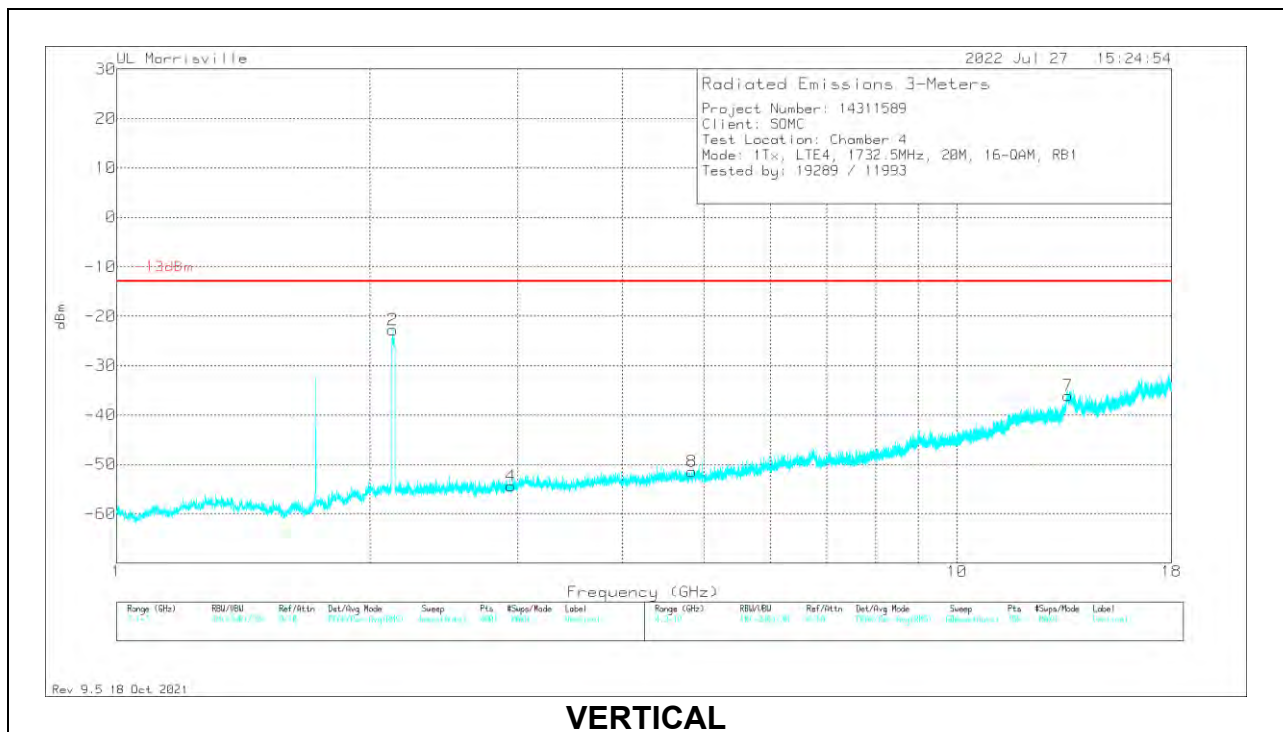
Pk - Peak detector

DL - Down Link

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

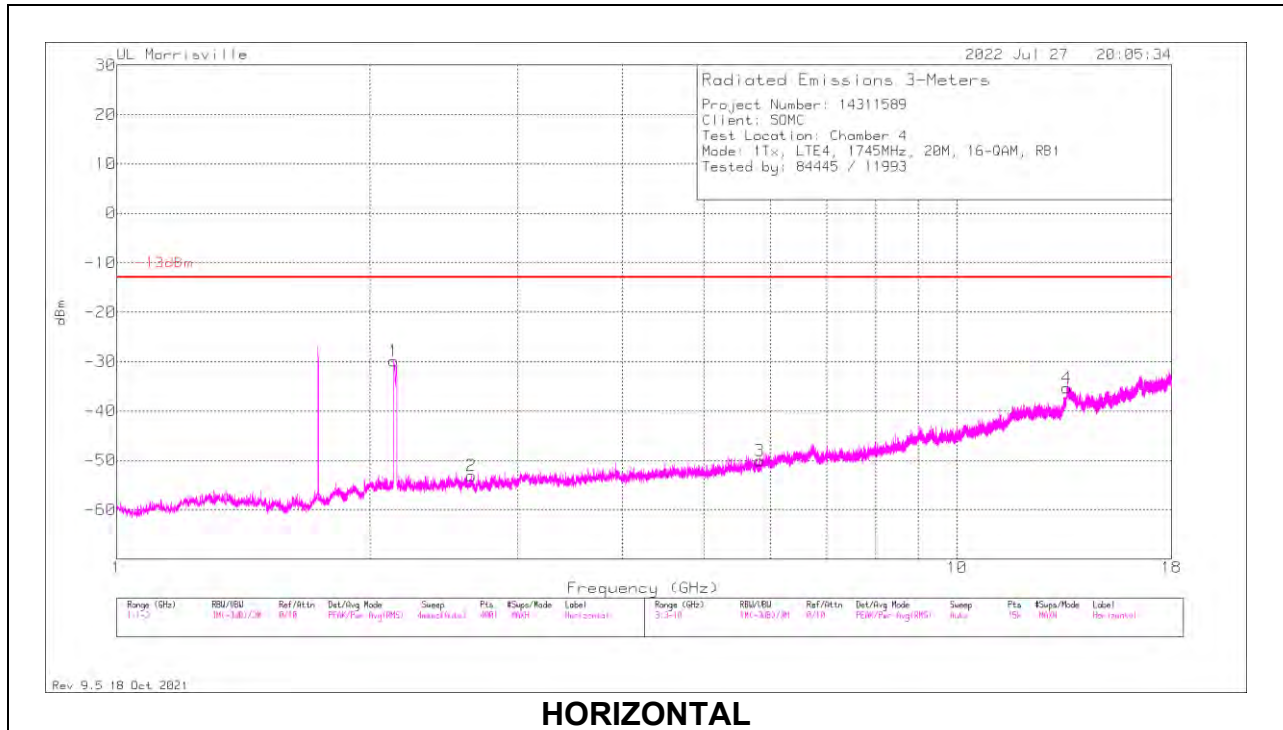
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2 ^{DL}	2.1305	-31.22	Pk	31.9	-36.3	11.8	1	-22.82	-	-	0-360	300	V
1 ^{DL}	2.136	-37.49	Pk	31.9	-36.2	11.8	1	-28.99	-	-	0-360	100	H
3	2.826	-62.96	Pk	32.6	-35.9	11.8	.4	-54.06	-13	-41.06	0-360	100	H
4	2.9435	-63.33	Pk	32.7	-35.9	11.8	.4	-54.33	-13	-41.33	0-360	300	V
8	4.836	-65.53	Pk	34.1	-31.8	11.8	0	-51.43	-13	-38.43	0-360	200	V
5	6.183	-66.04	Pk	35.5	-28.6	11.8	0	-47.34	-13	-34.34	0-360	100	H
7	13.554	-64.35	Pk	38.7	-22.3	11.8	0	-36.15	-13	-23.15	0-360	200	V
6	14.346	-66.96	Pk	39.3	-21.4	11.8	0	-37.26	-13	-24.26	0-360	100	H

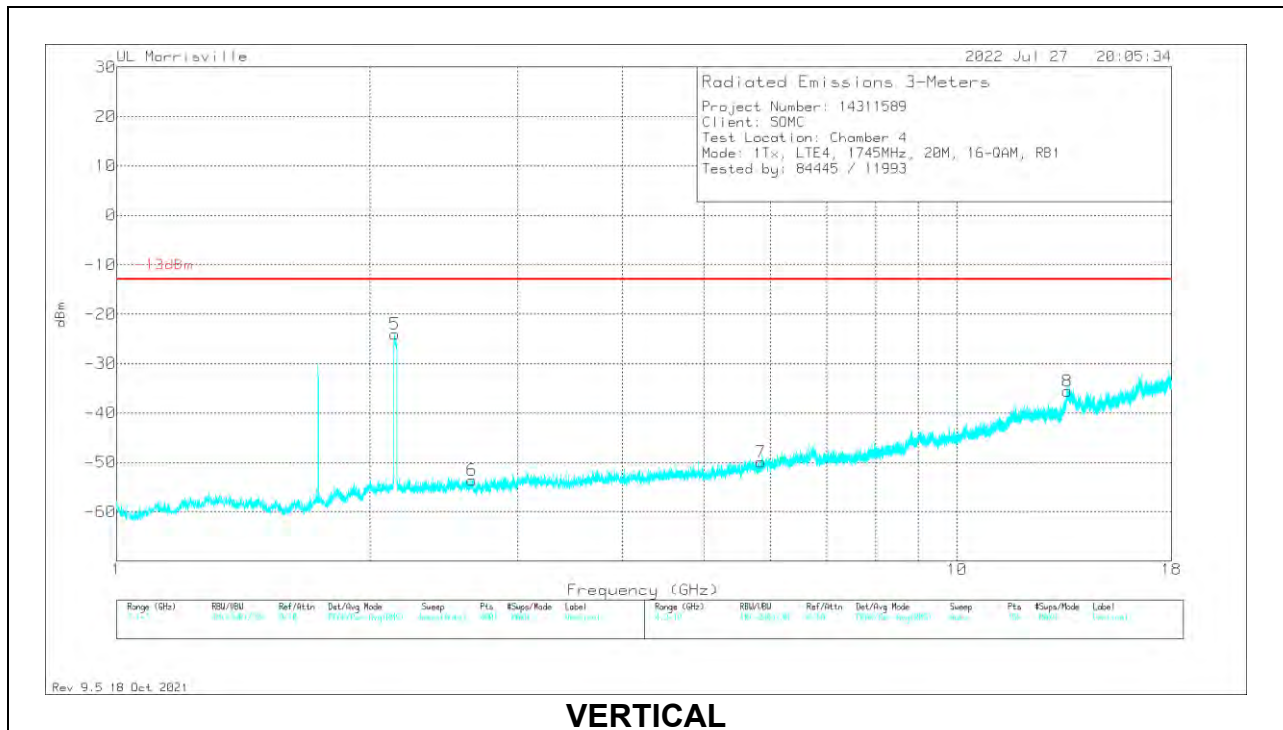
Pk - Peak detector

DL- Down Link

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1 ^{DL}	2.1365	-38.38	Pk	31.9	-36.2	11.8	1	-29.88	-	-	0-360	100	H
5 ^{DL}	2.1445	-32.69	Pk	31.9	-36.1	11.8	1	-24.09	-	-	0-360	300	V
2	2.6445	-61.62	Pk	32.4	-36.1	11.8	.4	-53.12	-13	-40.12	0-360	100	H
6	2.649	-62.09	Pk	32.4	-36.1	11.8	.4	-53.59	-13	-40.59	0-360	200	V
3	5.822	-65.91	Pk	35	-30.9	11.8	0	-50.01	-13	-37.01	0-360	100	H
7	5.839	-66.01	Pk	35	-30.7	11.8	0	-49.91	-13	-36.91	0-360	200	V
4	13.506	-63.99	Pk	38.8	-22	11.8	0	-35.39	-13	-22.39	0-360	200	H
8	13.536	-64.15	Pk	38.7	-21.9	11.8	0	-35.55	-13	-22.55	0-360	300	V

Pk - Peak detector

DL - Down Link

10.1.7. LTE BAND 12

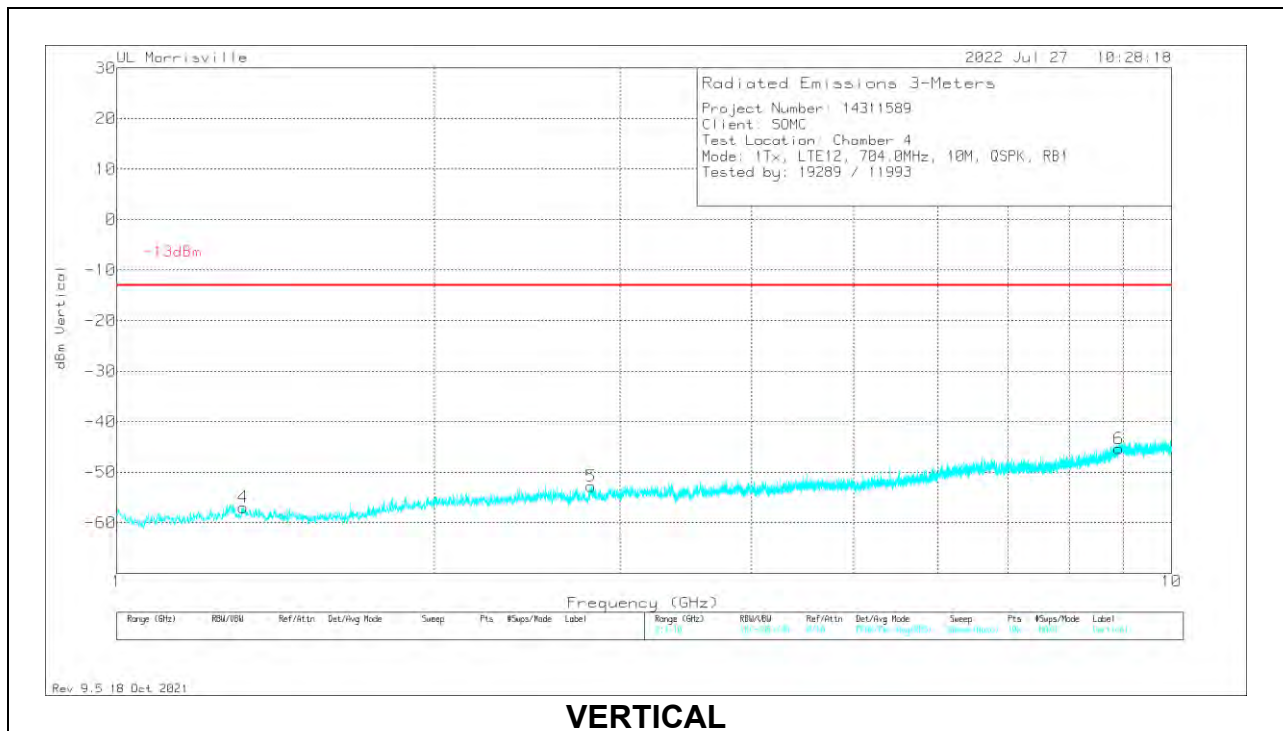
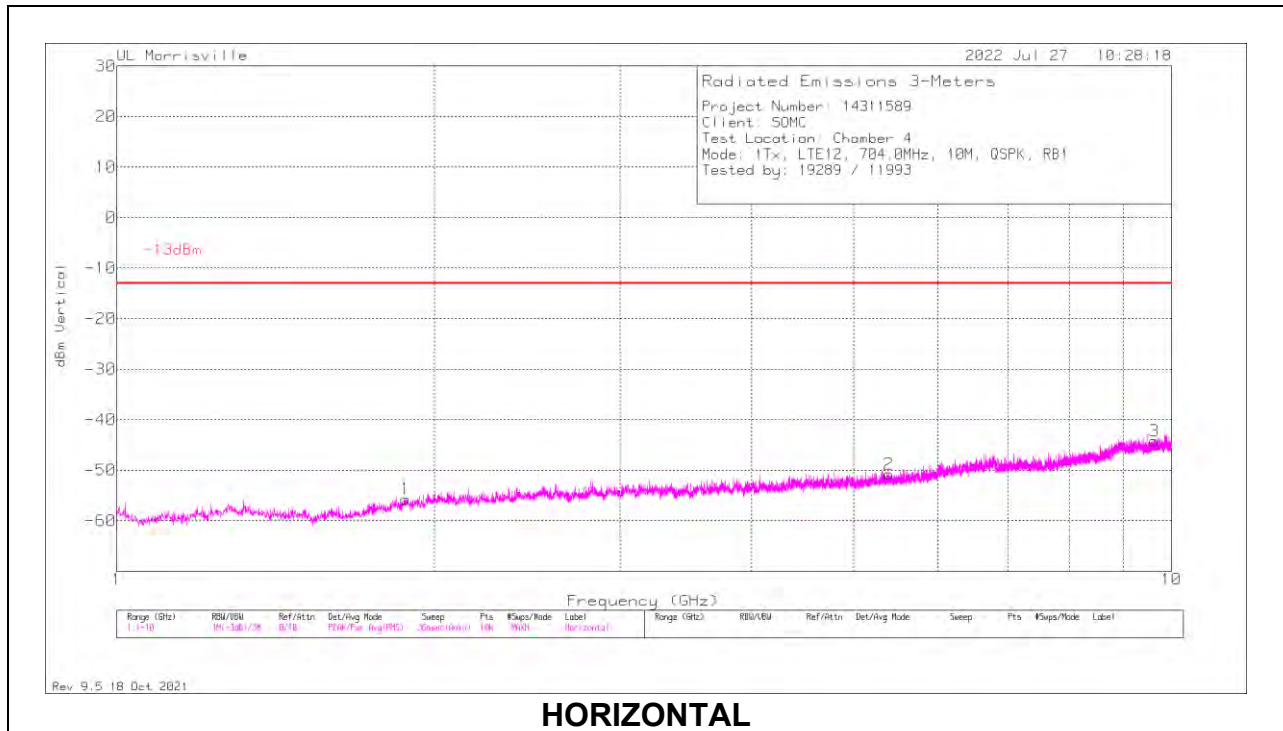
LIMITS

FCC: §27.53 (g)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

QPSK

LOW CHANNEL RESULTS

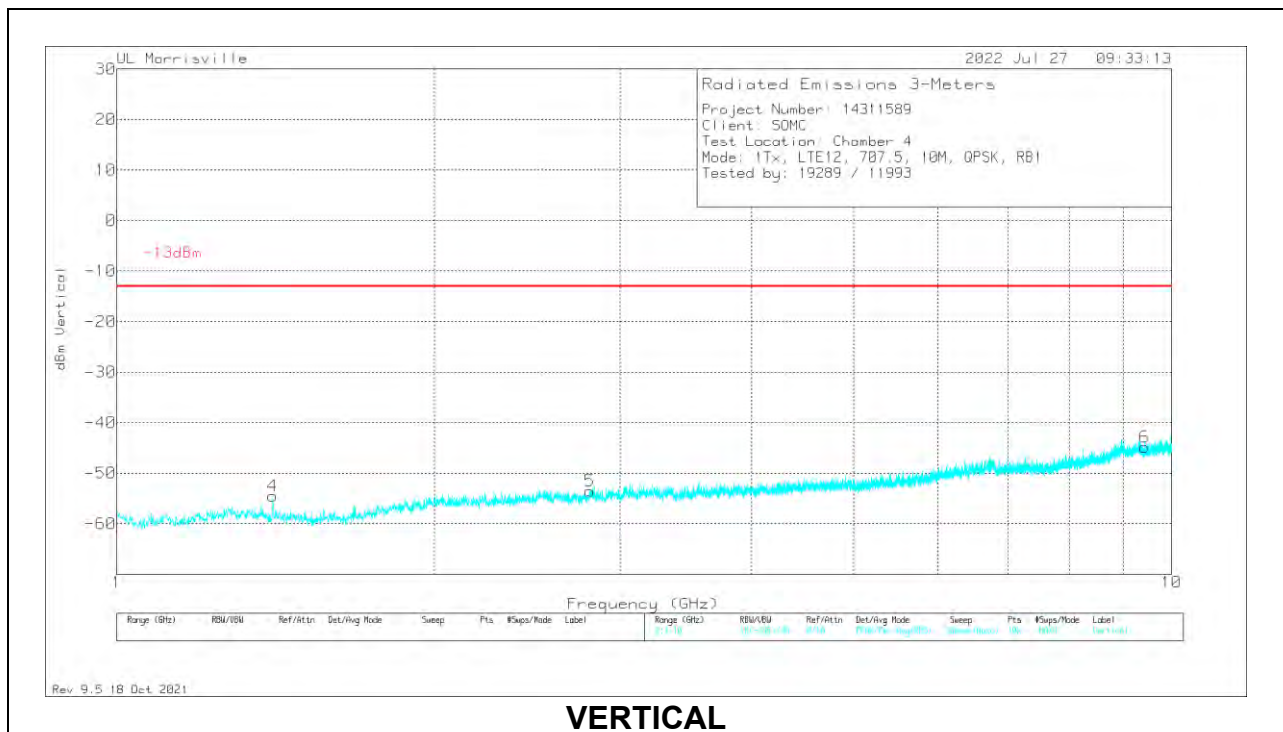
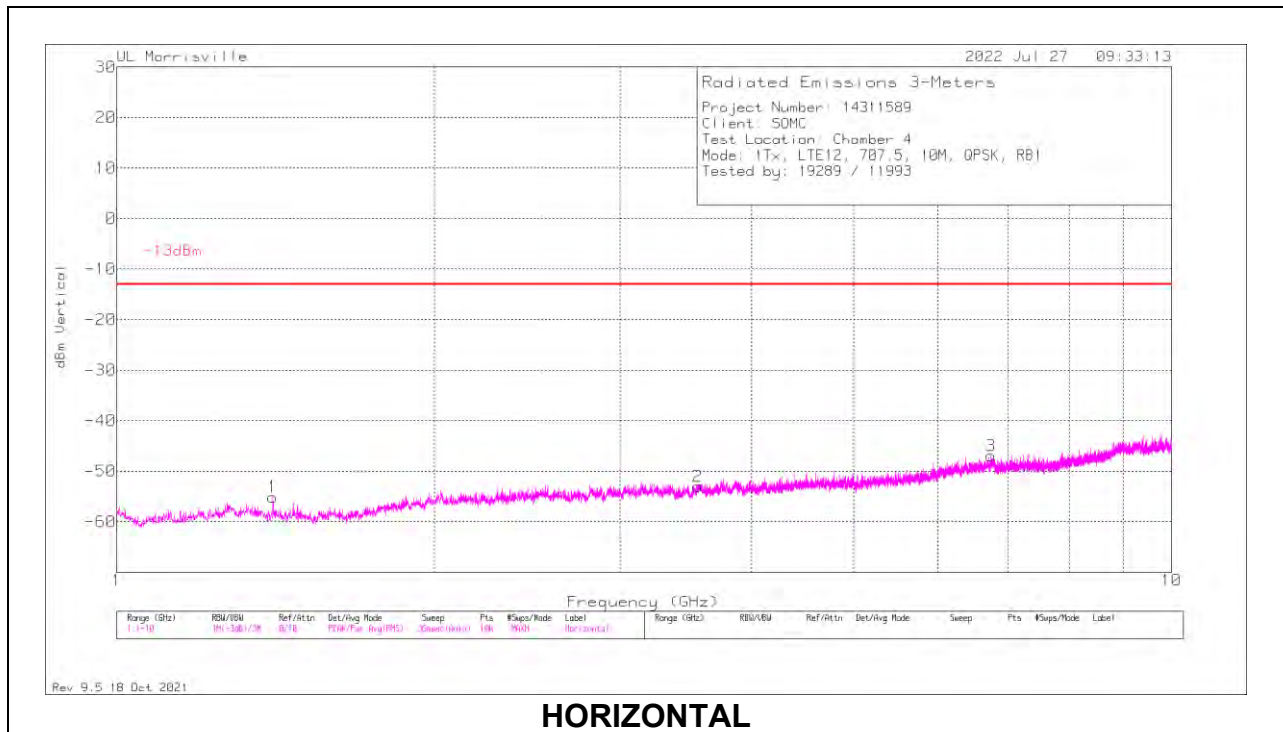


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.3177	-62.94	Pk	29.2	-36	1	11.8	-56.94	-13	-43.94	0-360	300	V
1	1.8775	-62.9	Pk	31.3	-36.3	.4	11.8	-55.7	-13	-42.7	0-360	100	H
5	2.8153	-62.12	Pk	32.6	-35.7	.6	11.8	-52.82	-13	-39.82	0-360	300	V
2	5.3938	-65.55	Pk	34.6	-32	.4	11.8	-50.75	-13	-37.75	0-360	100	H
6	8.9128	-67.34	Pk	36.1	-26.4	.5	11.8	-45.34	-13	-32.34	0-360	300	V
3	9.6373	-67.23	Pk	36.7	-26.4	.9	11.8	-44.23	-13	-31.23	0-360	100	H

Pk - Peak detector

MID CHANNEL RESULTS

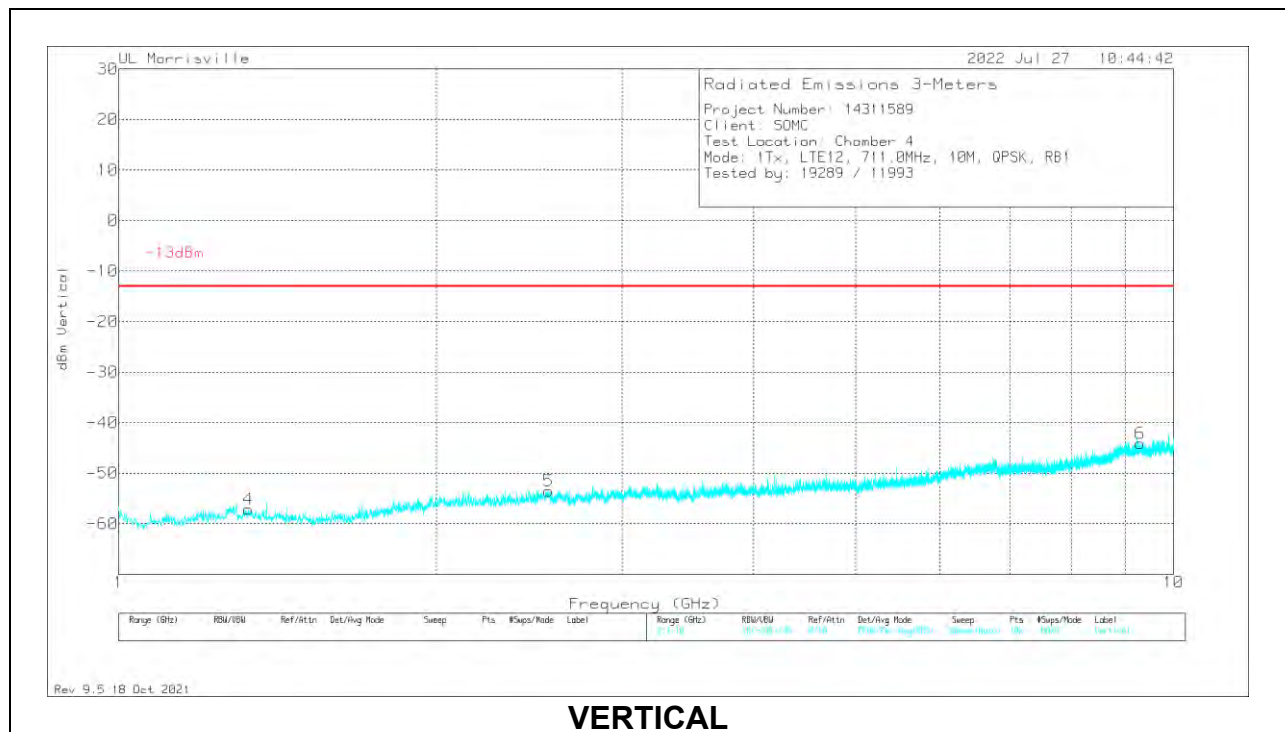
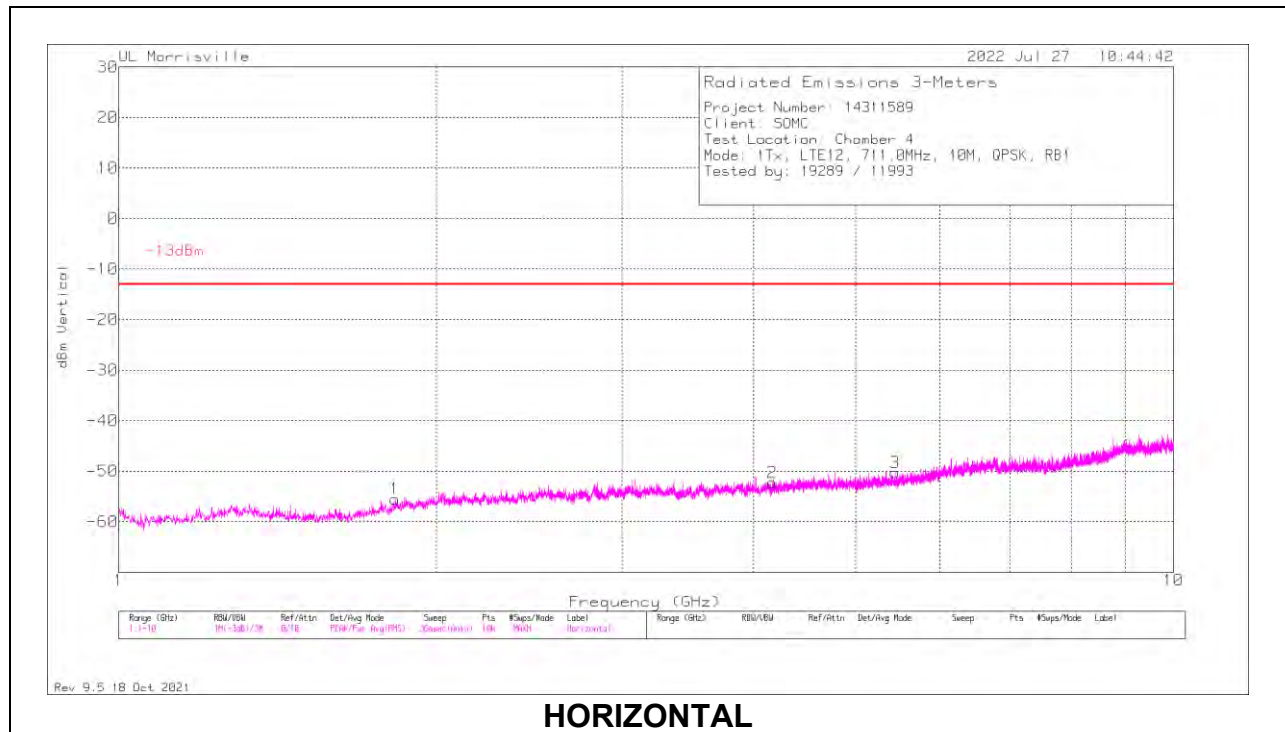


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.4059	-60.48	Pk	28.7	-36.1	.9	11.8	-55.18	-13	-42.18	0-360	100	H
4	1.4059	-59.83	Pk	28.7	-36.1	.9	11.8	-54.53	-13	-41.53	0-360	300	V
5	2.8108	-62.87	Pk	32.6	-35.7	.6	11.8	-53.57	-13	-40.57	0-360	200	V
2	3.55285	-63.65	Pk	33.1	-34.7	.4	11.8	-53.05	-13	-40.05	0-360	100	H
3	6.7465	-65.63	Pk	35.6	-29.3	.6	11.8	-46.93	-13	-33.93	0-360	100	H
6	9.4231	-67.18	Pk	36.5	-26.4	.5	11.8	-44.78	-13	-31.78	0-360	300	V

Pk - Peak detector

HIGH CHANNEL RESULTS



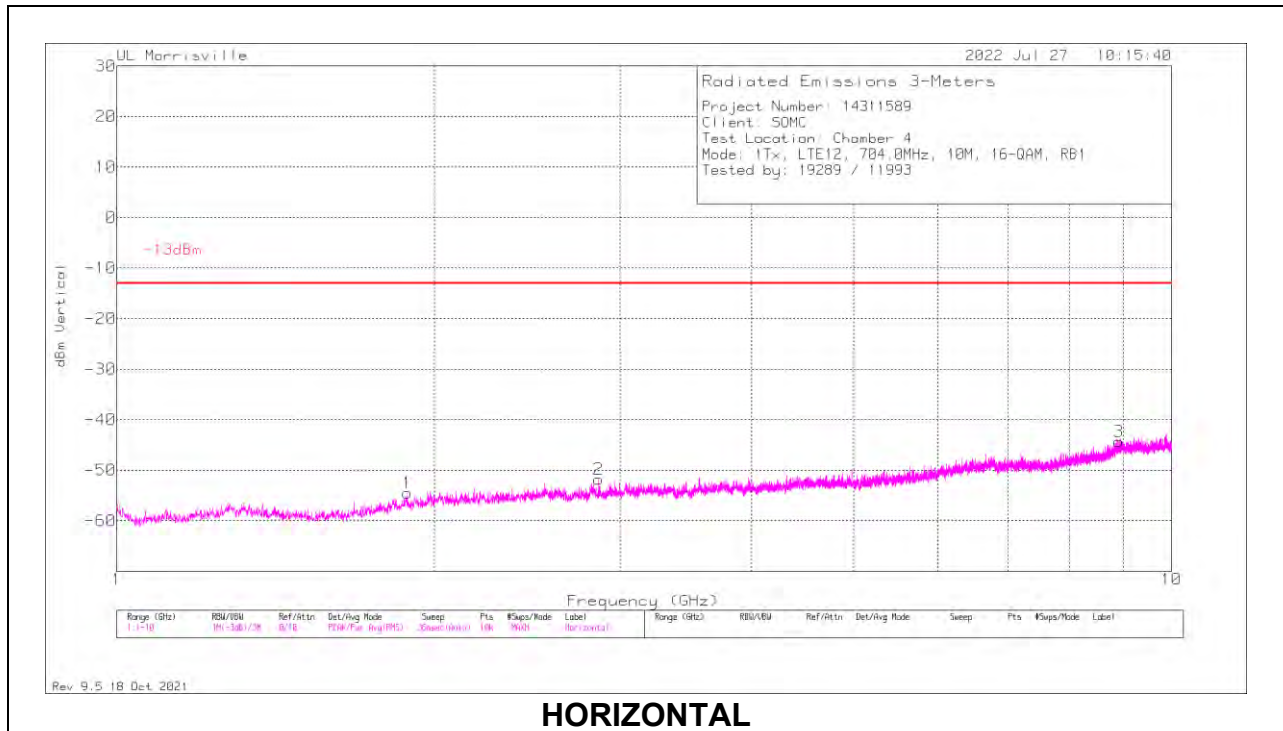
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.3267	-63.1	Pk	29.2	-35.9	.9	11.8	-57.1	-13	-44.1	0-360	300	V
1	1.828	-62.35	Pk	30.8	-36.2	.4	11.8	-55.55	-13	-42.55	0-360	100	H
5	2.5561	-62.34	Pk	32.7	-36.2	.5	11.8	-53.54	-13	-40.54	0-360	300	V
2	4.1662	-65	Pk	33.4	-32.8	.3	11.8	-52.3	-13	-39.3	0-360	100	H
3	5.4487	-65.02	Pk	34.6	-32	.3	11.8	-50.32	-13	-37.32	0-360	100	H
6	9.3007	-66.61	Pk	36.4	-26.2	.5	11.8	-44.11	-13	-31.11	0-360	300	V

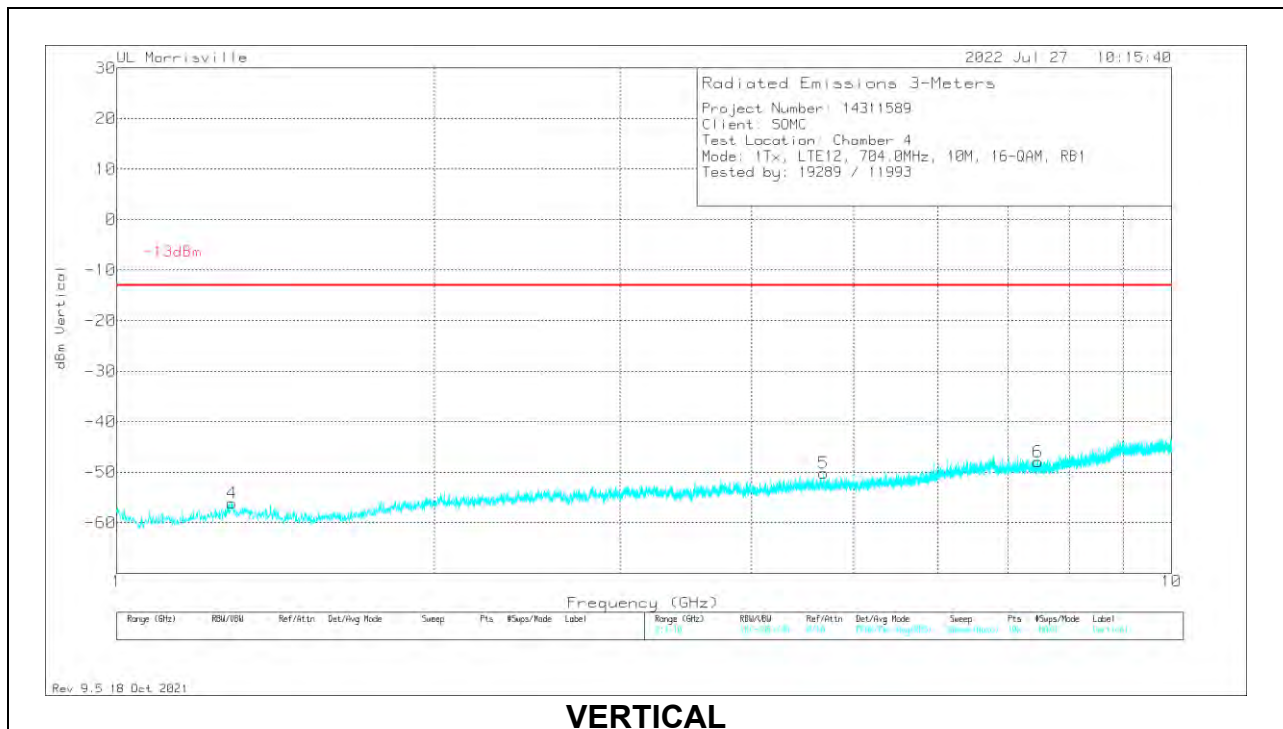
Pk - Peak detector

16QAM

LOW CHANNEL RESULTS



HORIZONTAL



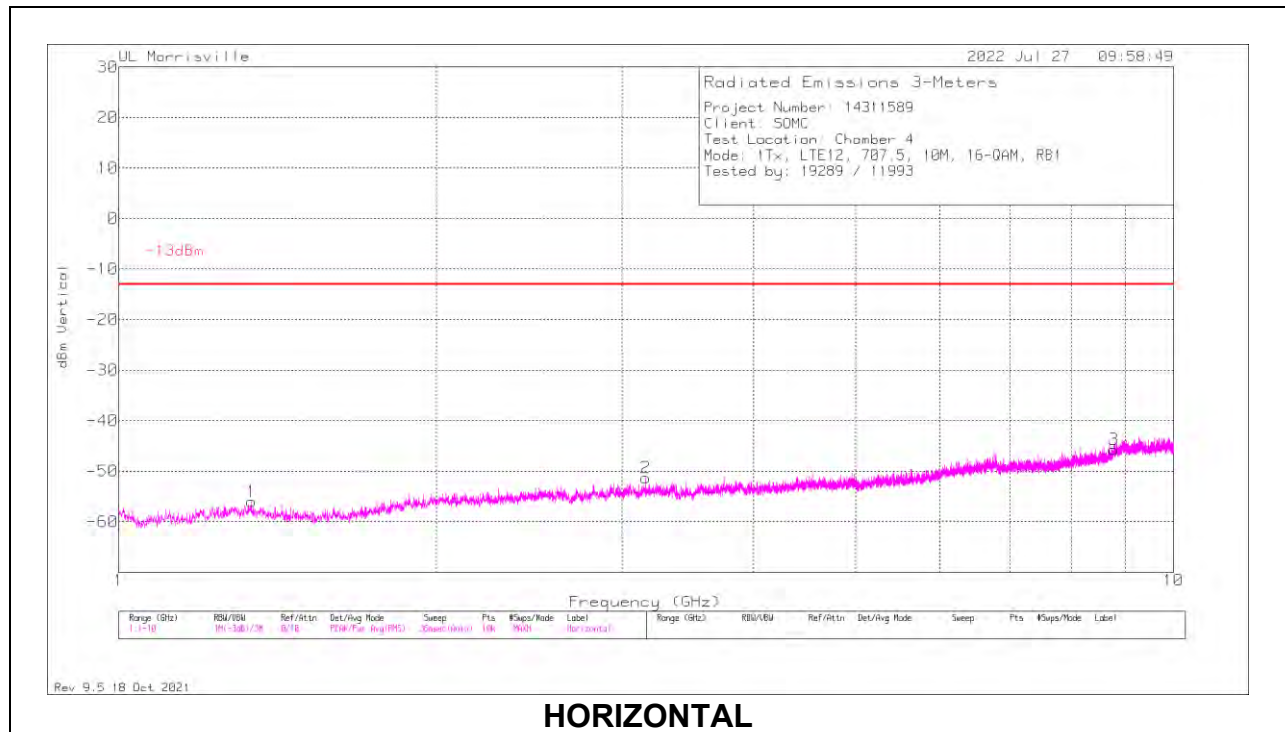
VERTICAL

RADIATED EMISSIONS

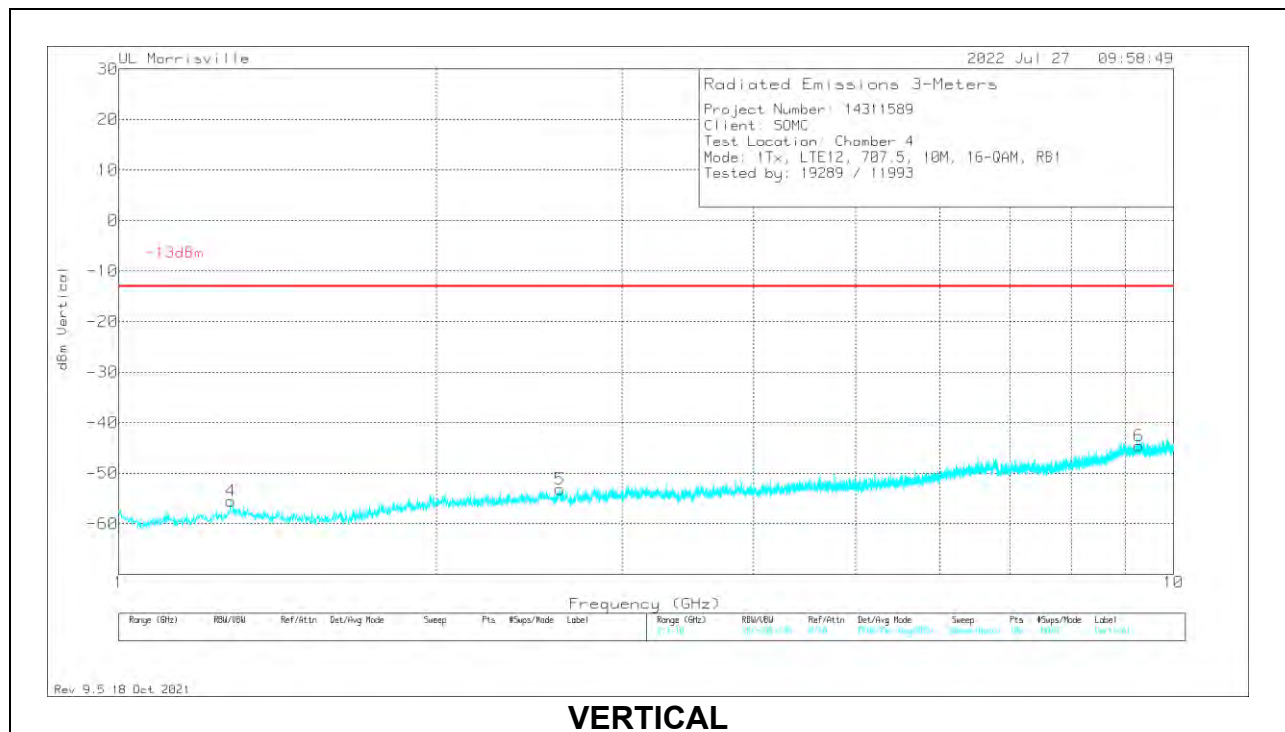
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.2862	-62.48	Pk	29.6	-36.1	1	11.8	-56.18	-13	-43.18	0-360	300	V
1	1.8865	-61.95	Pk	31.3	-36.1	.4	11.8	-54.55	-13	-41.55	0-360	100	H
2	2.8648	-60.82	Pk	32.7	-35.9	.4	11.8	-51.82	-13	-38.82	0-360	100	H
5	4.6774	-64.12	Pk	34	-32.1	.3	11.8	-50.12	-13	-37.12	0-360	300	V
6	7.4737	-67.14	Pk	35.6	-28.8	.6	11.8	-47.94	-13	-34.94	0-360	300	V
3	8.9101	-66.37	Pk	36.1	-26.4	.5	11.8	-44.37	-13	-31.37	0-360	100	H

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



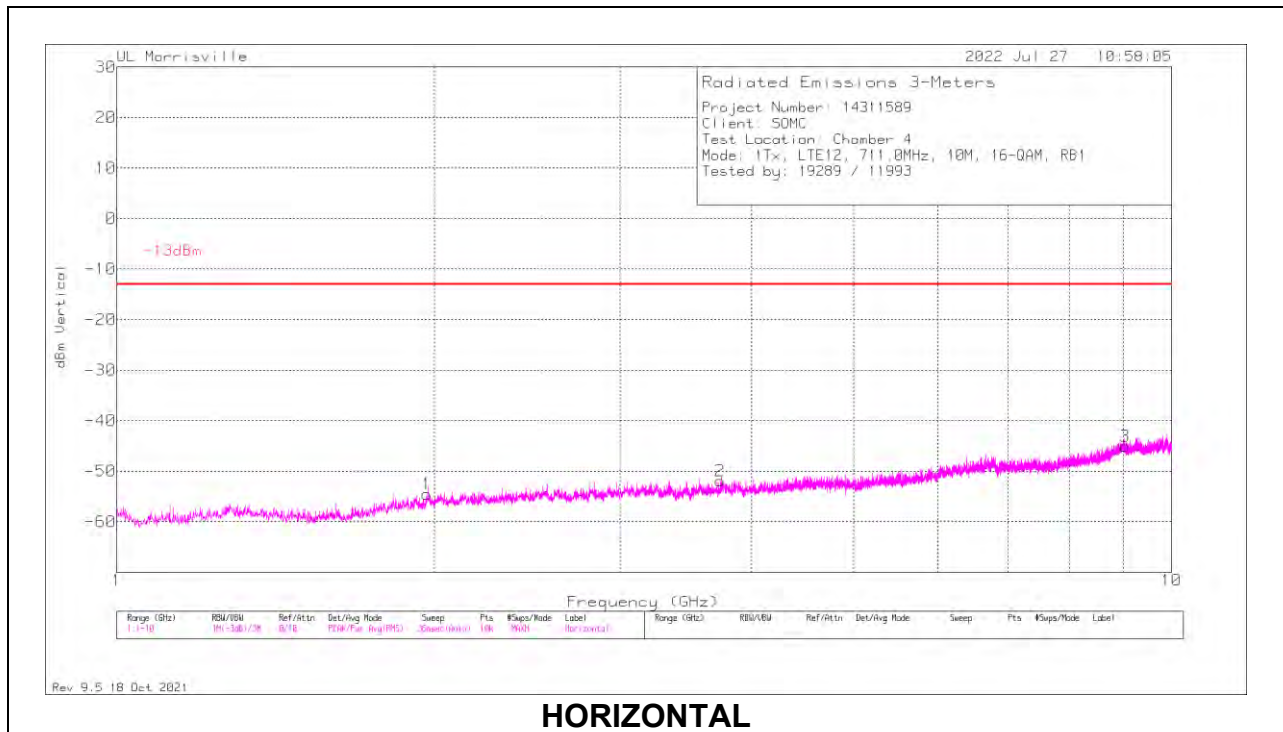
VERTICAL

RADIATED EMISSIONS

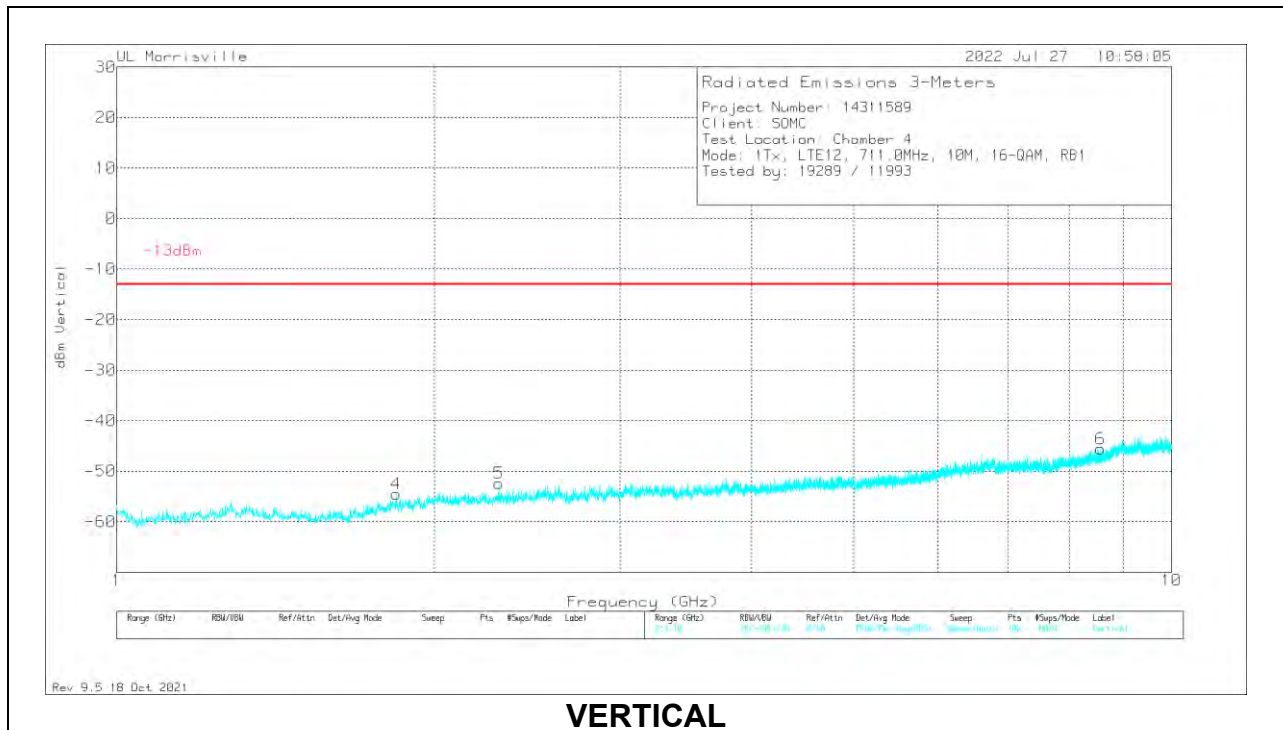
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.2772	-62.04	Pk	29.6	-35.9	1	11.8	-55.54	-13	-42.54	0-360	300	V
1	1.3357	-62.04	Pk	29.3	-36	.9	11.8	-56.04	-13	-43.04	0-360	100	H
5	2.6191	-61.72	Pk	32.5	-36.1	.4	11.8	-53.12	-13	-40.12	0-360	300	V
2	3.16	-61.34	Pk	33.1	-35.5	.6	11.8	-51.34	-13	-38.34	0-360	200	H
3	8.7823	-67.25	Pk	36	-26.7	.5	11.8	-45.65	-13	-32.65	0-360	100	H
6	9.2755	-66.53	Pk	36.3	-26.6	.5	11.8	-44.53	-13	-31.53	0-360	300	V

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.8406	-61.64	Pk	31	-36.1	.4	11.8	-54.54	-13	-41.54	0-360	200	V
1	1.9693	-61.97	Pk	31.6	-36.3	.3	11.8	-54.57	-13	-41.57	0-360	100	H
5	2.3032	-60.28	Pk	32.1	-36.4	.4	11.8	-52.38	-13	-39.38	0-360	200	V
2	3.736	-63.52	Pk	33.4	-34.2	.6	11.8	-51.92	-13	-38.92	0-360	100	H
6	8.5681	-66.57	Pk	35.8	-27.1	.5	11.8	-45.57	-13	-32.57	0-360	300	V
3	9.0406	-66.93	Pk	36.1	-26.5	.5	11.8	-45.03	-13	-32.03	0-360	100	H

Pk - Peak detector

10.2. WORST CASE EMISSIONS

RULE PART(S)

FCC: §2.1053, §22.917, §24.238, §27.53.

LIMITS

FCC: §22.917(a), §24.238(a), §27.53 (h)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

TEST PROCEDURE

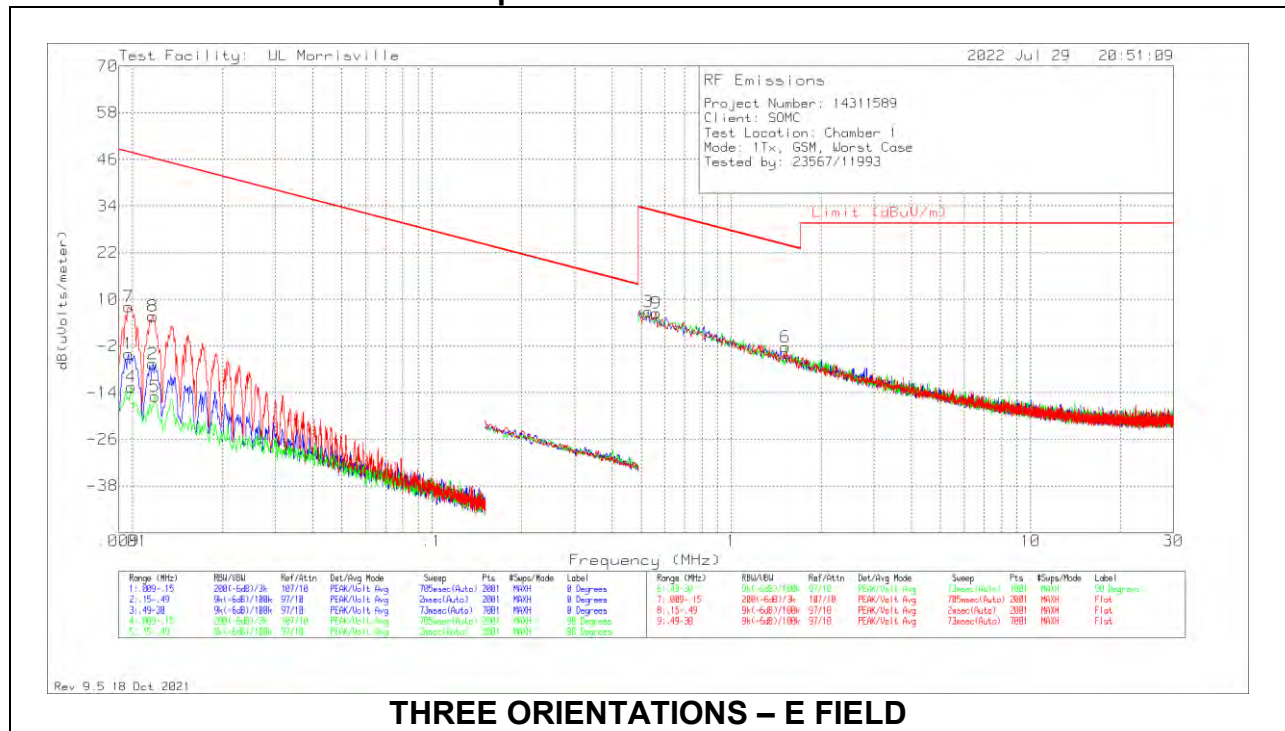
KDB 971168 D01 v02r02/D02 v01

RESULTS

10.2.1. Worst-Case Emissions for 2G

GSM 850 GPRS Mode

Spurious Below 30MHz



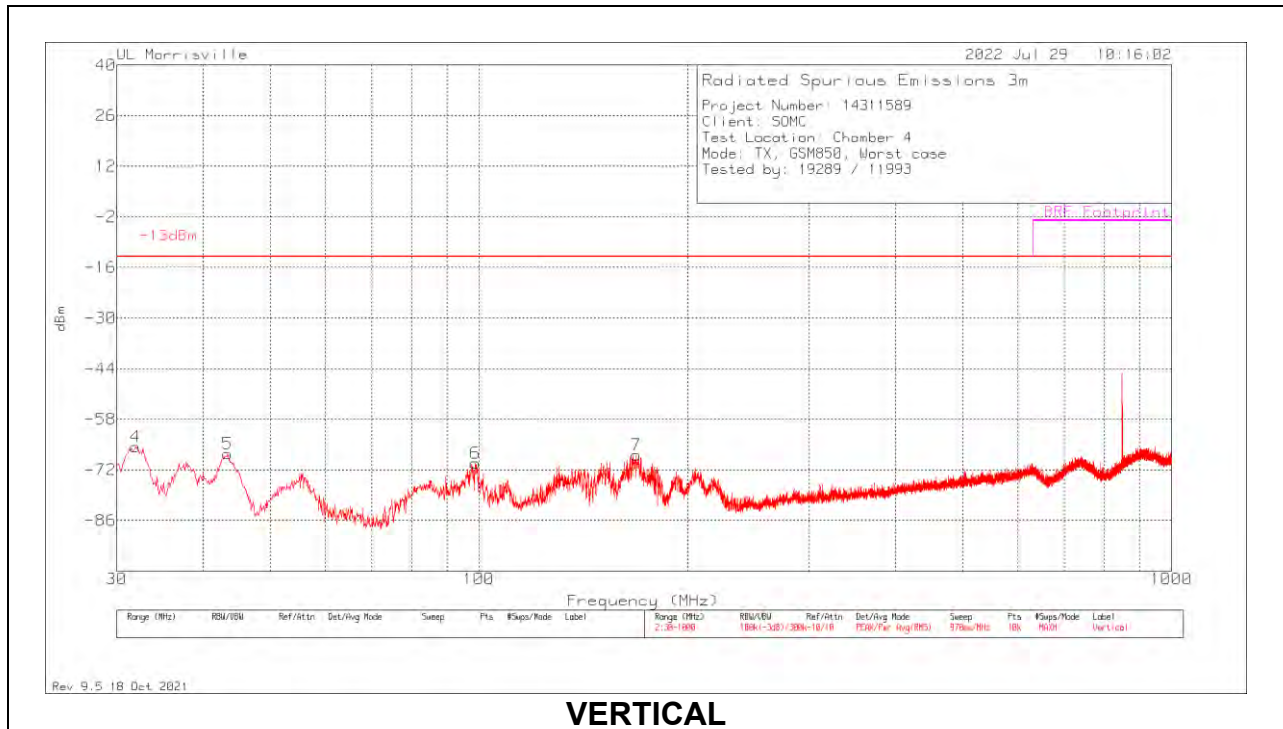
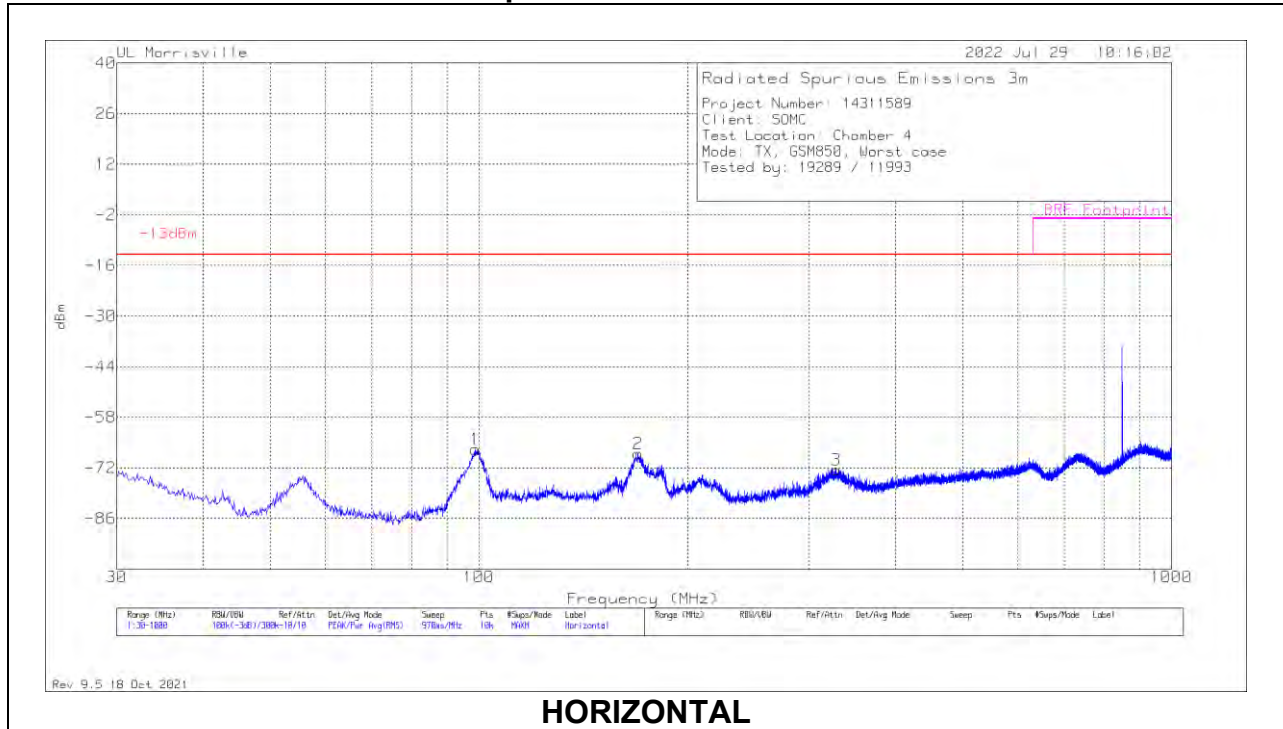
THREE ORIENTATIONS – E FIELD

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Loop Angle
1	.00971	57.11	Pk	18.7	.1	-80	-4.09	47.86	-51.95	0-360	101	0 degs
7	.00971	69.36	Pk	18.7	.1	-80	8.16	47.86	-39.7	0-360	101	Flat
4	.00992	48.78	Pk	18.5	.1	-80	-12.62	47.67	-60.29	0-360	101	90 degs
2	.0117	55.59	Pk	17.7	.1	-80	-6.61	46.24	-52.85	0-360	101	0 degs
8	.0117	67.83	Pk	17.7	.1	-80	5.63	46.24	-40.61	0-360	101	Flat
5	.01191	47.27	Pk	17.6	.1	-80	-15.03	46.09	-61.12	0-360	101	90 degs
3	.52794	35.39	Pk	11.2	.2	-40	6.79	33.15	-26.36	0-360	101	0 degs
9	.56167	35.14	Pk	11.2	.2	-40	6.54	32.61	-26.07	0-360	101	Flat
6	1.5187	26.11	Pk	11.4	.2	-40	-2.29	23.97	-26.26	0-360	101	90 degs

Pk - Peak detector

Spurious Below 1GHz

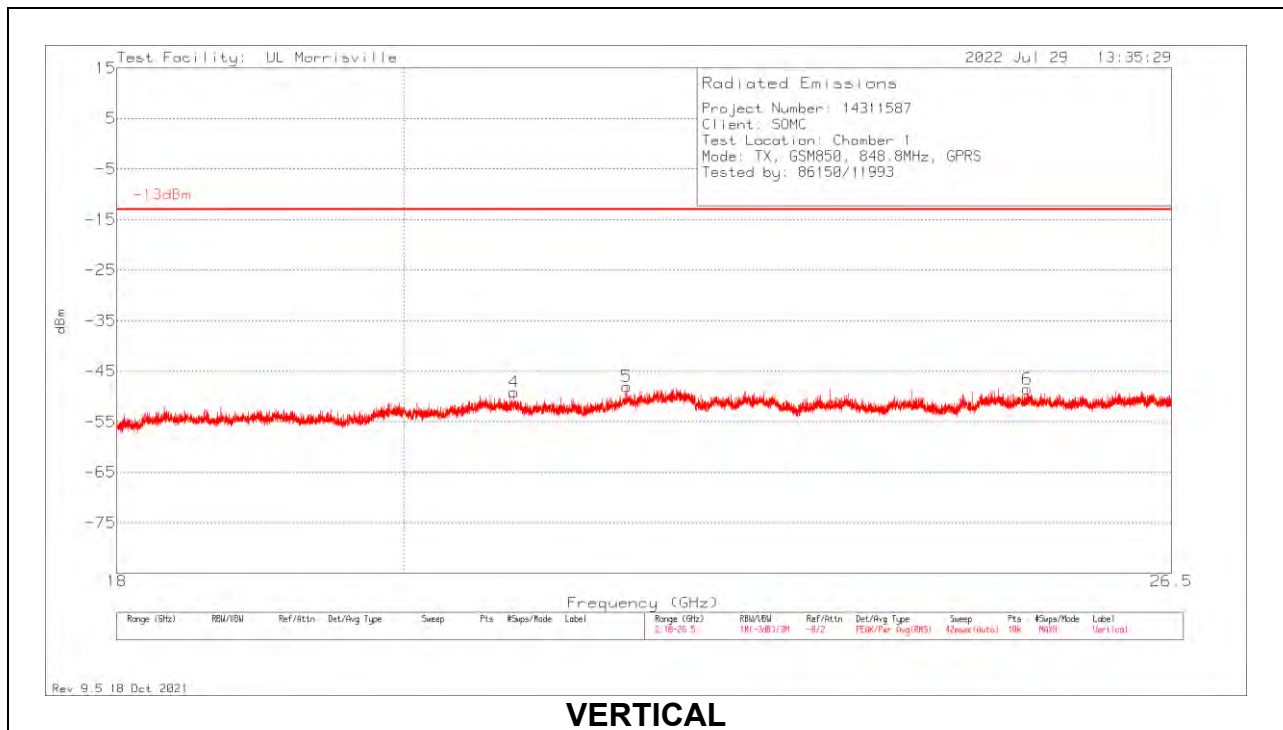
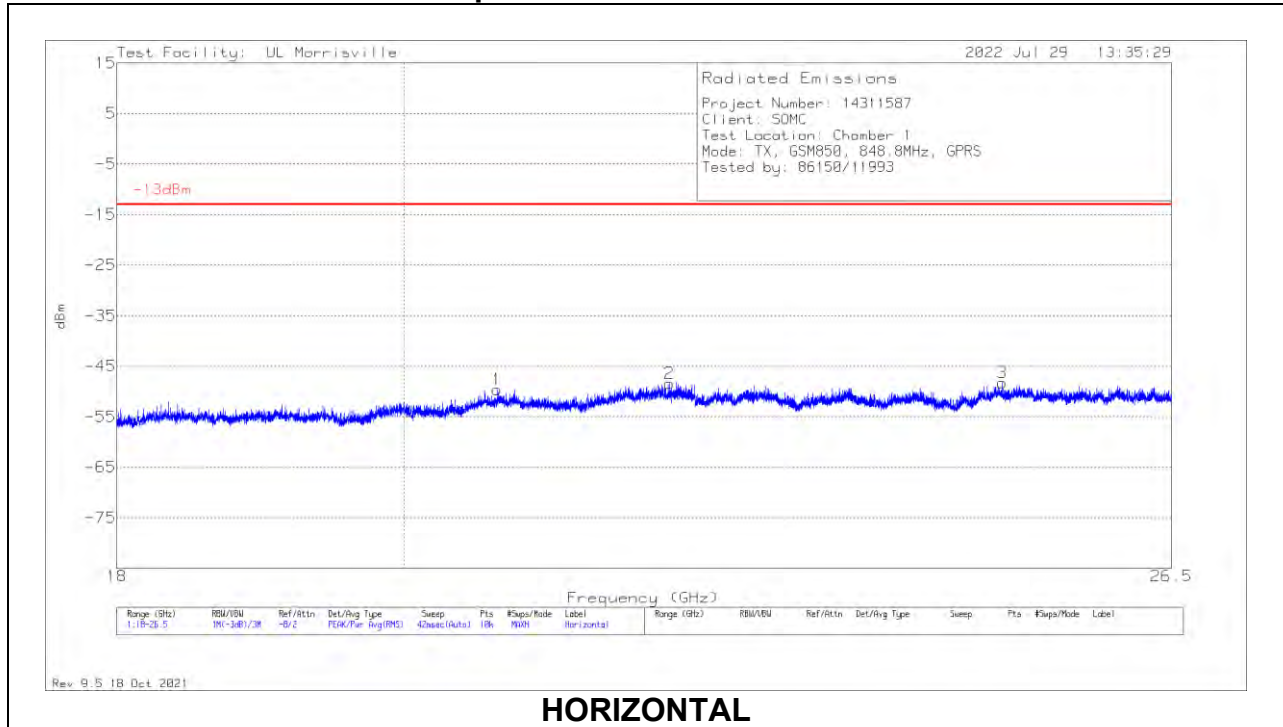


RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AT0081 (dB/m)	Gain/Loss (dB)	Filter (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	31.94	-69.6	Pk	25.9	-31.8	.1	9.7	-65.7	-13	-52.7	0-360	100	V
5	43.386	-63.46	Pk	17.5	-31.4	.1	9.7	-67.56	-13	-54.56	0-360	100	V
1	98.87	-62.29	Pk	16.2	-30.8	.3	9.7	-66.89	-13	-53.89	0-360	200	H
6	98.87	-65.63	Pk	16.2	-30.8	.3	9.7	-70.23	-13	-57.23	0-360	100	V
7	168.613	-65.95	Pk	18.1	-30.1	.4	9.7	-67.85	-13	-54.85	0-360	100	V
2	169.874	-66.18	Pk	18.1	-30.1	.4	9.7	-68.08	-13	-55.08	0-360	100	H
3	328.275	-74.13	Pk	20.4	-29	.4	9.7	-72.63	-13	-59.63	0-360	100	H

Pk - Peak detector

Spurious 18GHz to 26GHz



RADIATED EMISSIONS

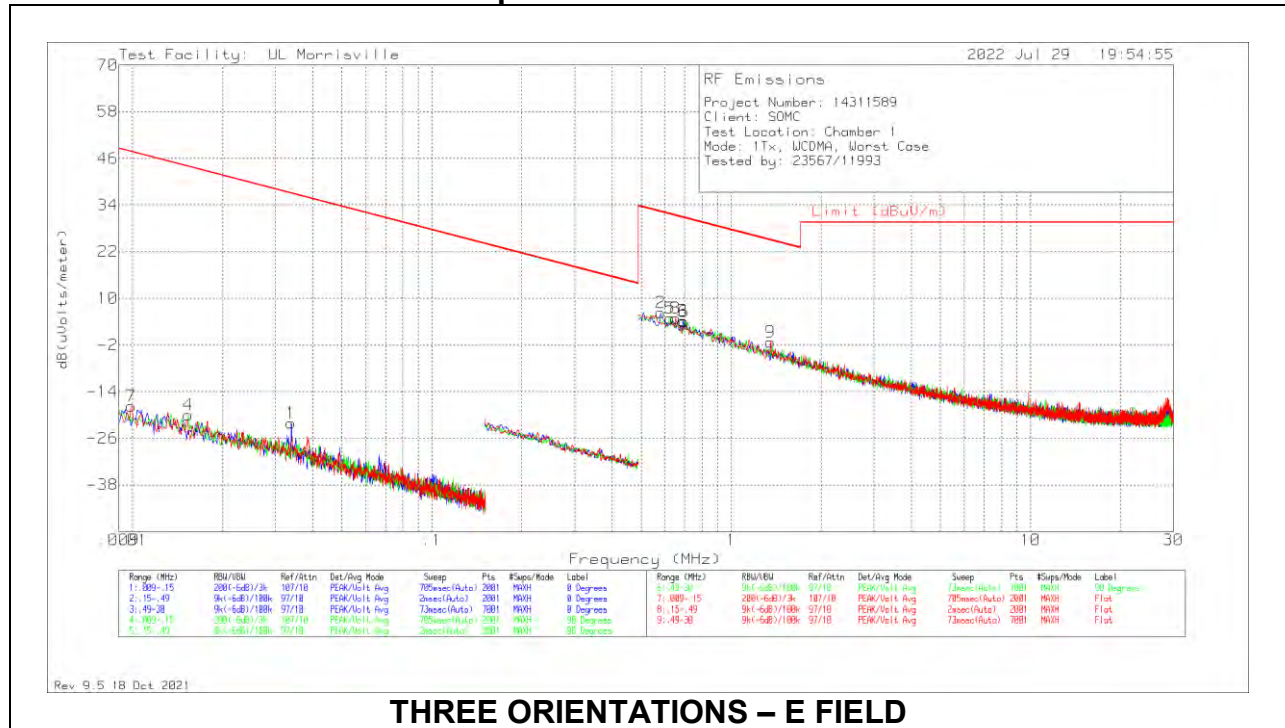
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	ANT (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	20.69338	-56.17	Pk	33.9	-39.2	11.8	-49.67	-13	-36.67	0-360	249	H
4	20.82257	-55.94	Pk	34	-39	11.8	-49.14	-13	-36.14	0-360	201	V
5	21.70053	-56.74	Pk	35.3	-38.4	11.8	-48.04	-13	-35.04	0-360	300	V
2	22.04645	-57.6	Pk	37	-39.6	11.8	-48.4	-13	-35.4	0-360	200	H
3	24.90386	-56.55	Pk	35.1	-38.6	11.8	-48.25	-13	-35.25	0-360	149	H
6	25.13334	-57.77	Pk	35.2	-37.8	11.8	-48.57	-13	-35.57	0-360	251	V

Pk - Peak detector

10.2.2. Worst-Case Emissions for 3G

WCDMA 2 REL 99 Mode

Spurious Below 30MHz



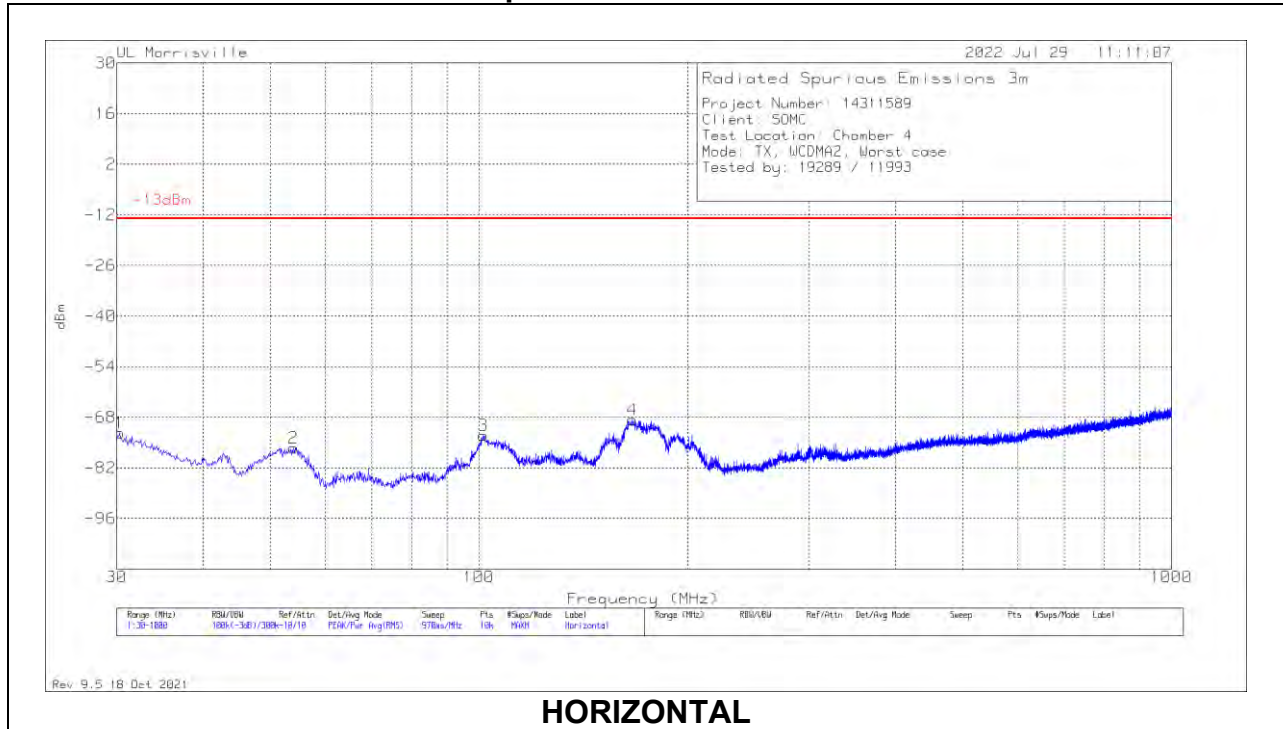
THREE ORIENTATIONS – E FIELD

RADIATED EMISSIONS

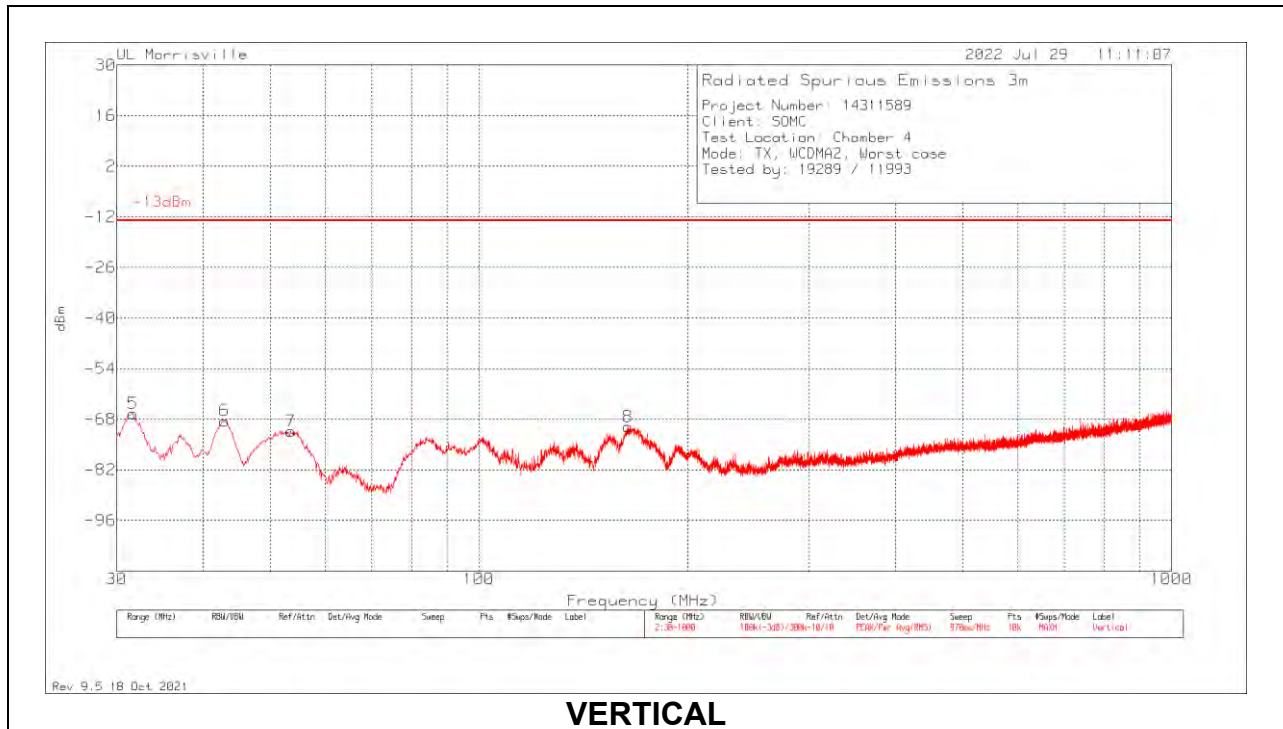
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Loop Angle
7	.00992	43.73	Pk	18.5	.1	-80	-17.67	47.67	-65.34	0-360	101	Flat
4	.01539	43.86	Pk	16.1	.1	-80	-19.94	43.86	-63.8	0-360	101	90 degs
1	.03392	44.8	Pk	13	.1	-80	-22.1	37	-59.1	0-360	101	0 degs
2	.58275	34.94	Pk	11.2	.2	-40	6.34	32.29	-25.95	0-360	101	0 degs
5	.62491	33.39	Pk	11.2	.2	-40	4.79	31.69	-26.9	0-360	101	90 degs
8	.65442	33.37	Pk	11.3	.2	-40	4.87	31.29	-26.42	0-360	101	Flat
3	.68815	32.69	Pk	11.3	.2	-40	4.19	30.85	-26.66	0-360	101	0 degs
6	.69658	32.58	Pk	11.3	.2	-40	4.08	30.74	-26.66	0-360	101	90 degs
9	1.35428	27.22	Pk	11.3	.2	-40	-1.28	24.97	-26.25	0-360	101	Flat

Pk - Peak detector

Spurious Below 1GHz



HORIZONTAL



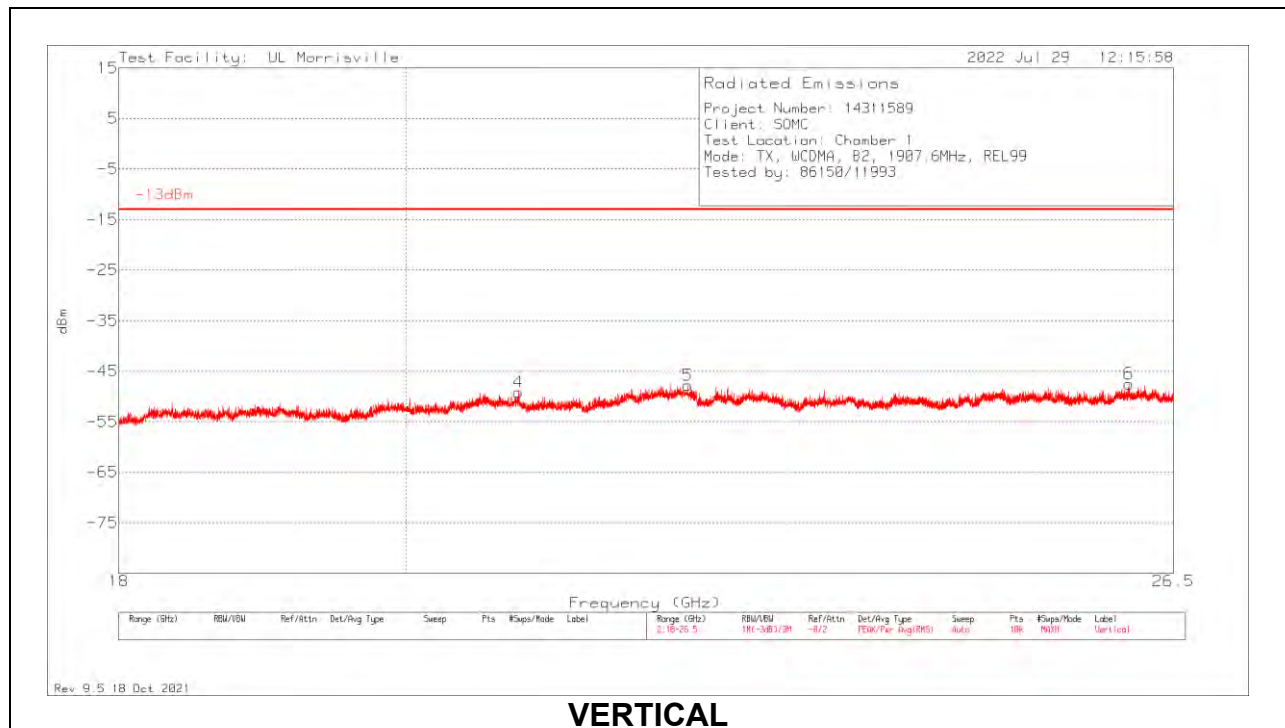
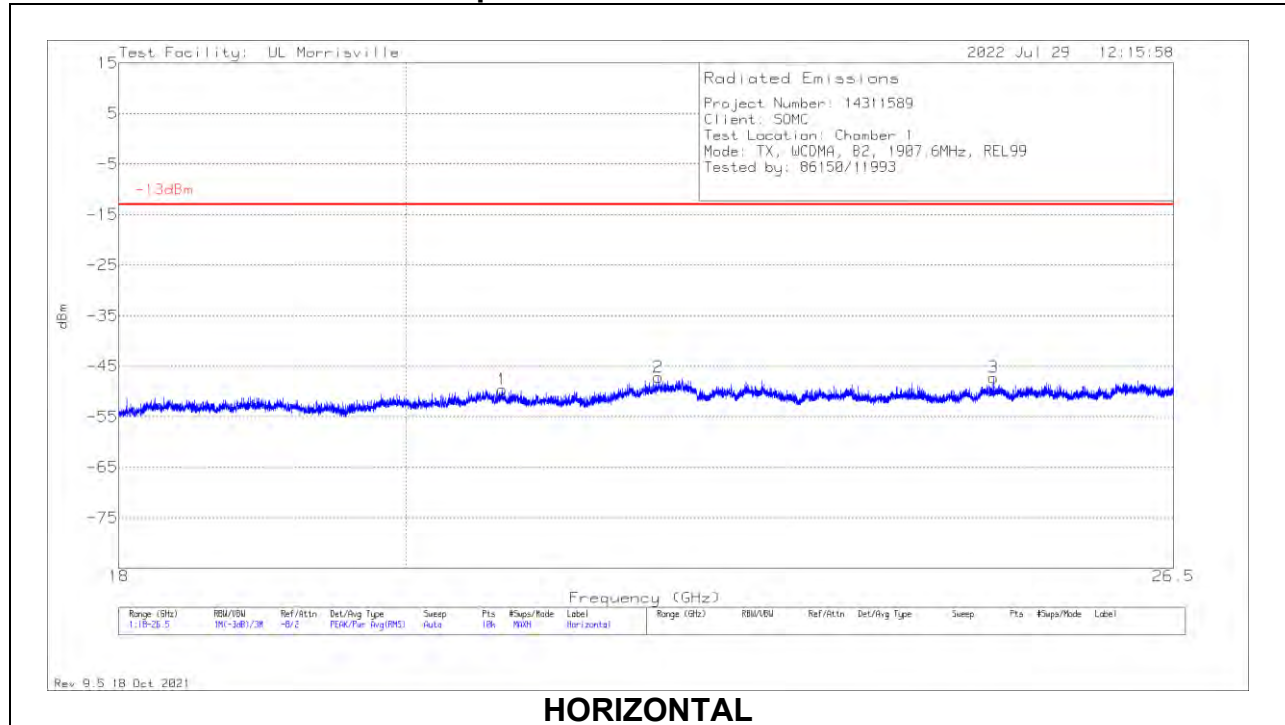
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AT0081 (dB/m)	Gain/Loss (dB)	Filter (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.291	-77.47	Pk	27	-31.7	.1	9.7	-72.37	-13	-59.37	0-360	100	H
5	31.649	-70.37	Pk	26	-31.8	.1	9.7	-66.37	-13	-53.37	0-360	100	V
6	42.901	-64.62	Pk	17.8	-31.4	.1	9.7	-68.42	-13	-55.42	0-360	100	V
7	53.571	-63.02	Pk	13.3	-31.3	.1	9.7	-71.22	-13	-58.22	0-360	100	V
2	53.959	-68.26	Pk	13.3	-31.4	.1	9.7	-76.56	-13	-63.56	0-360	300	H
3	101.392	-69.11	Pk	16.8	-30.6	.2	9.7	-73.01	-13	-60.01	0-360	200	H
8	164.151	-68.36	Pk	18.4	-30	.2	9.7	-70.06	-13	-57.06	0-360	100	V
4	166.576	-66.66	Pk	18.2	-30.1	.2	9.7	-68.66	-13	-55.66	0-360	100	H

Pk - Peak detector

Spurious 18GHz to 26GHz



RADIATED EMISSIONS

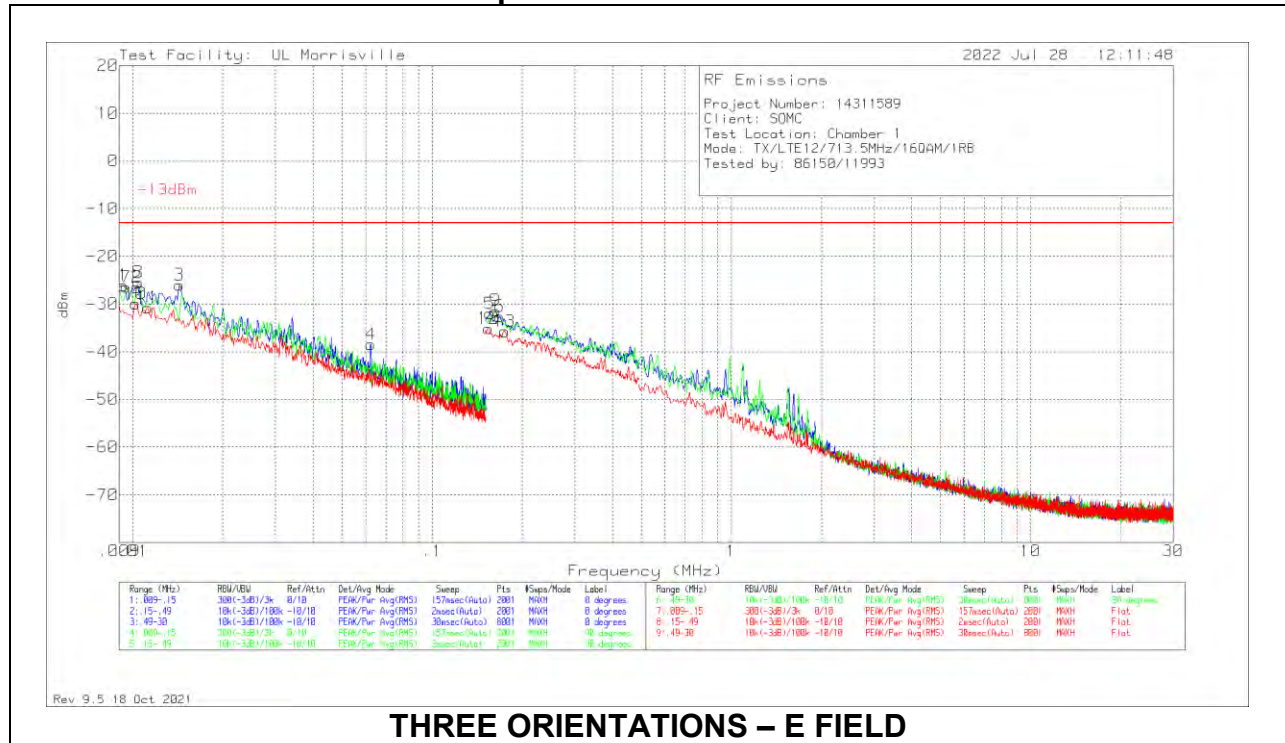
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	ANT (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	20.71973	-56.12	Pk	33.9	-39.2	11.8	-49.62	-13	-36.62	0-360	200	H
4	20.84382	-55.84	Pk	34.1	-39.2	11.8	-49.14	-13	-36.14	0-360	250	V
2	21.93681	-56.35	Pk	36.7	-39.3	11.8	-47.15	-13	-34.15	0-360	200	H
5	22.17478	-56.94	Pk	36.9	-39.6	11.8	-47.84	-13	-34.84	0-360	200	V
3	24.81037	-55.93	Pk	35.2	-38.3	11.8	-47.23	-13	-34.23	0-360	149	H
6	26.06909	-57.38	Pk	35.4	-37.3	11.8	-47.48	-13	-34.48	0-360	300	V

Pk - Peak detector

10.2.3. Worst-Case Emissions for 4G

LTE 12 16QAM Mode

Spurious Below 30MHz



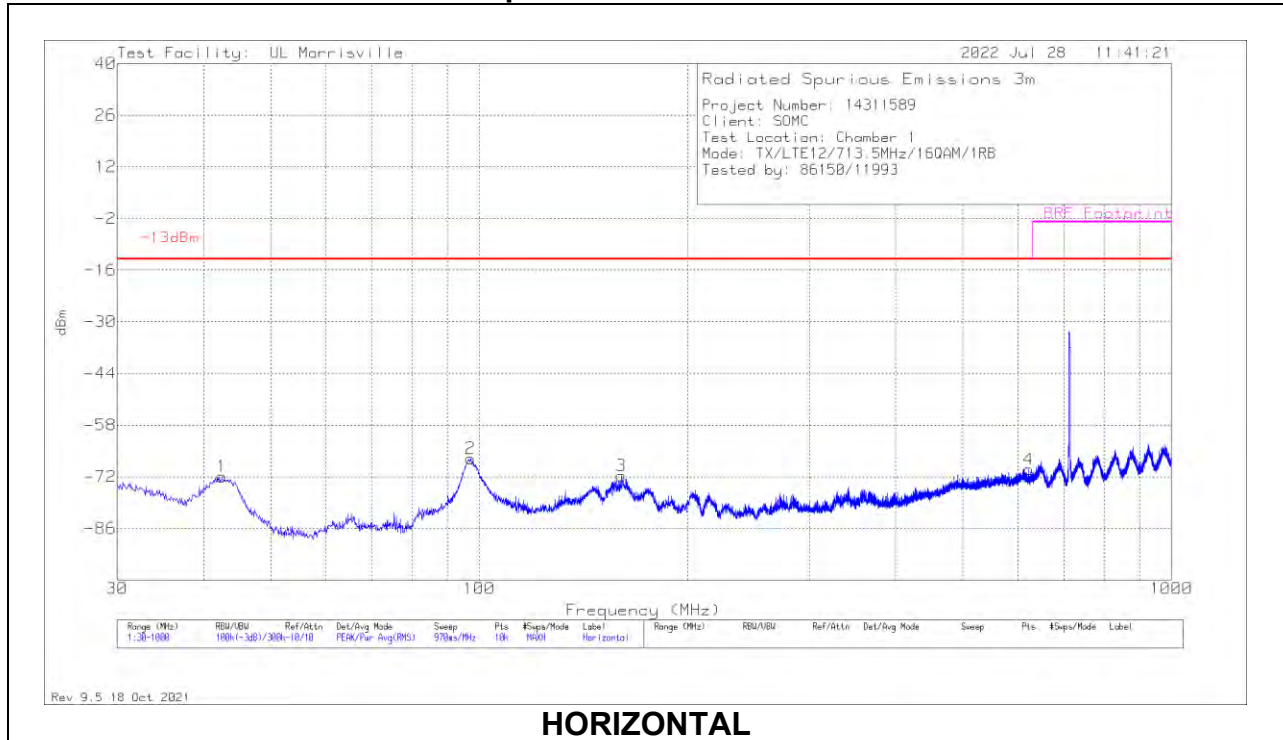
THREE ORIENTATIONS – E FIELD

RADIATED EMISSIONS

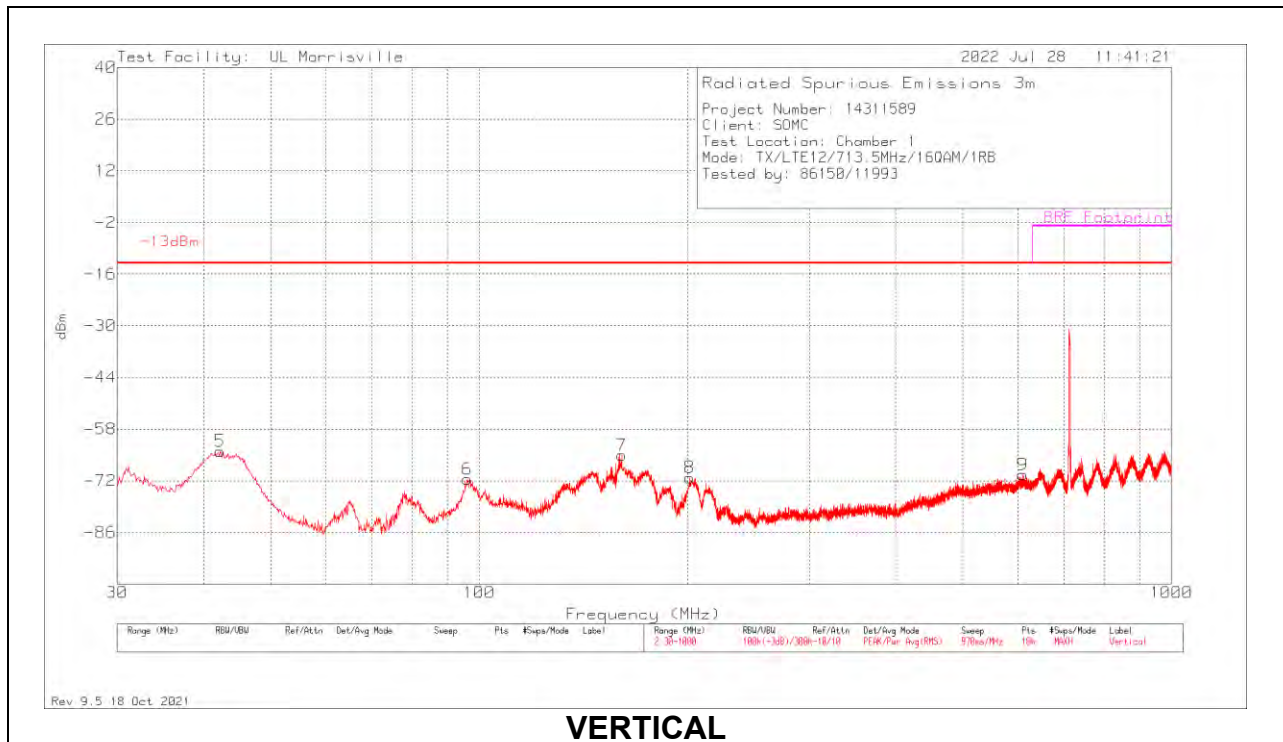
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AT0079 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Loop Angle
1	.00928	-57.01	Pk	19	.1	11.8	-26.11	-13	-13.11	0-360	400	0 degs
7	.0095	-57.24	Pk	18.9	.1	11.8	-26.44	-13	-13.44	0-360	400	90 degs
10	.01021	-60.13	Pk	18.3	.1	11.8	-29.93	-13	-16.93	0-360	400	Flat
2	.01028	-56.7	Pk	18.3	.1	11.8	-26.5	-13	-13.5	0-360	400	0 degs
8	.01042	-55.59	Pk	18.2	.1	11.8	-25.49	-13	-12.49	0-360	400	90 degs
11	.0112	-60.56	Pk	17.9	.1	11.8	-30.76	-13	-17.76	0-360	400	Flat
3	.01433	-54.42	Pk	16.5	.1	11.8	-26.02	-13	-13.02	0-360	400	0 degs
4	.06232	-61.97	Pk	11.6	.1	11.8	-38.47	-13	-25.47	0-360	400	0 degs
12	.15408	-58.22	Pk	11.2	.1	11.8	-35.12	-13	-22.12	0-360	400	Flat
5	.15595	-55.1	Pk	11.2	.1	11.8	-32	-13	-19	0-360	400	0 degs
9	.16292	-54.5	Pk	11.2	.1	11.8	-31.4	-13	-18.4	0-360	400	90 degs
6	.16836	-55.69	Pk	11.2	.1	11.8	-32.59	-13	-19.59	0-360	400	0 degs
13	.17465	-58.82	Pk	11.2	.1	11.8	-35.72	-13	-22.72	0-360	400	Flat

Pk - Peak detector

Spurious Below 1GHz



HORIZONTAL



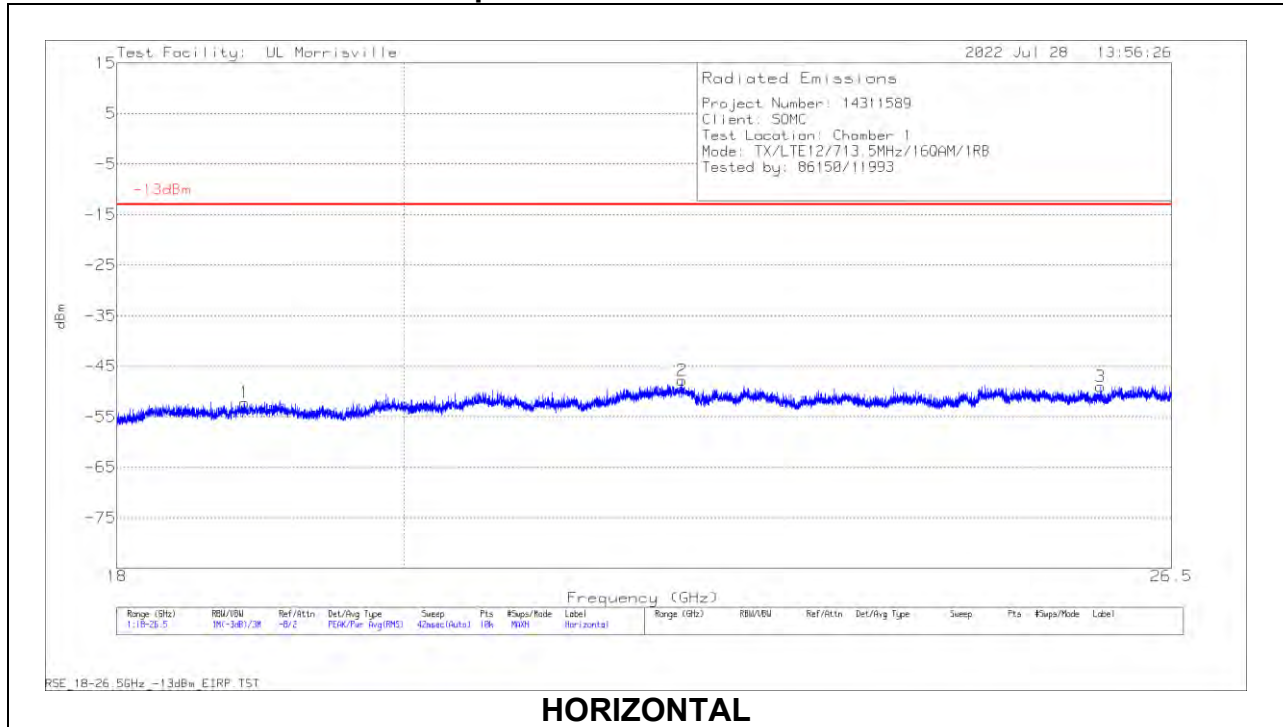
VERTICAL

RADIATED EMISSIONS

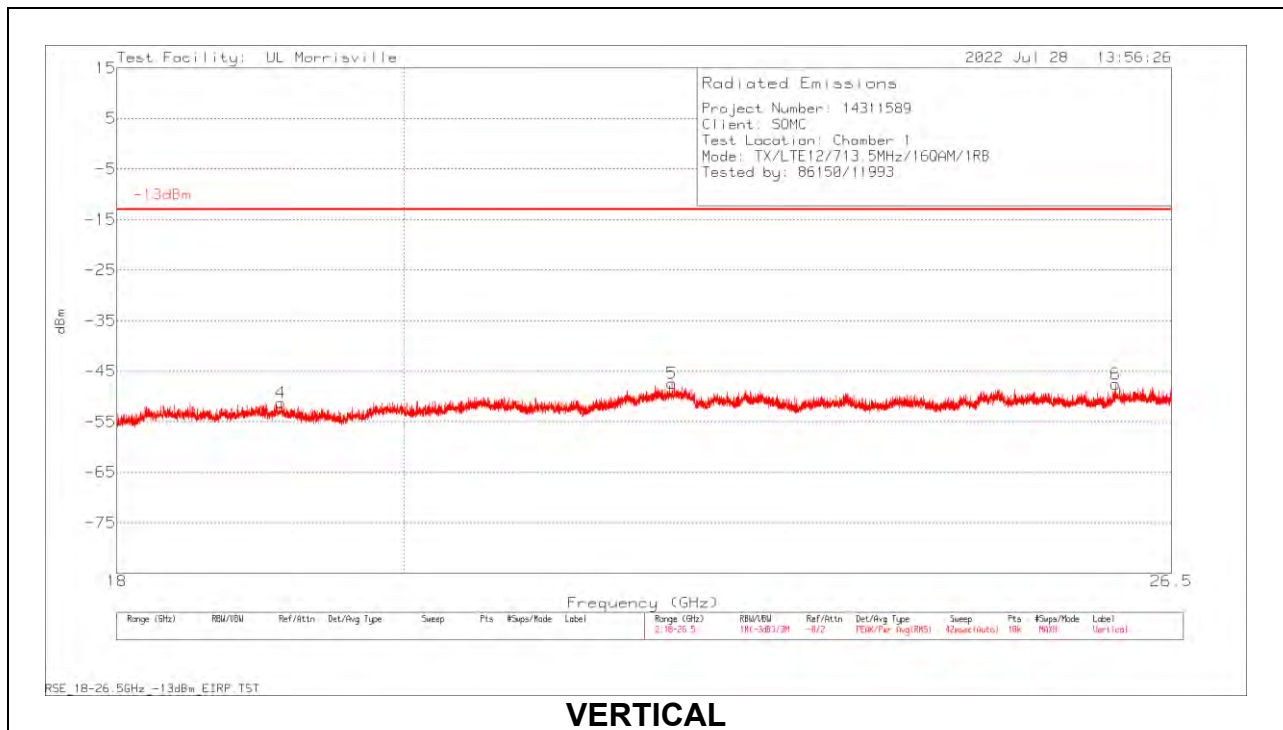
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AT0066 (dB/m)	Gain/Loss (dB)	Filter (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	42.222	-60.63	Pk	18.2	-31.4	.1	9.7	-64.03	-13	-51.03	0-360	100	V
1	42.513	-68.36	Pk	18	-31.4	.1	9.7	-71.96	-13	-58.96	0-360	399	H
6	96.154	-66.35	Pk	15.2	-30.4	.3	9.7	-71.55	-13	-58.55	0-360	100	V
2	97.221	-62.06	Pk	15.5	-30.5	.3	9.7	-67.06	-13	-54.06	0-360	300	H
3	160.368	-70.03	Pk	18	-29.8	.4	9.7	-71.73	-13	-58.73	0-360	199	H
7	160.659	-63.26	Pk	17.9	-29.8	.4	9.7	-65.06	-13	-52.06	0-360	100	V
8	201.496	-70.39	Pk	18.2	-29.3	.6	9.7	-71.19	-13	-58.19	0-360	100	V
9	609.963	-79.38	Pk	24.6	-26.6	1.3	9.7	-70.38	-13	-57.38	0-360	100	V
4	622.088	-79.43	Pk	25	-26.6	1.3	9.7	-70.03	-13	-57.03	0-360	199	H

Pk - Peak detector

Spurious 18GHz to 26GHz



HORIZONTAL



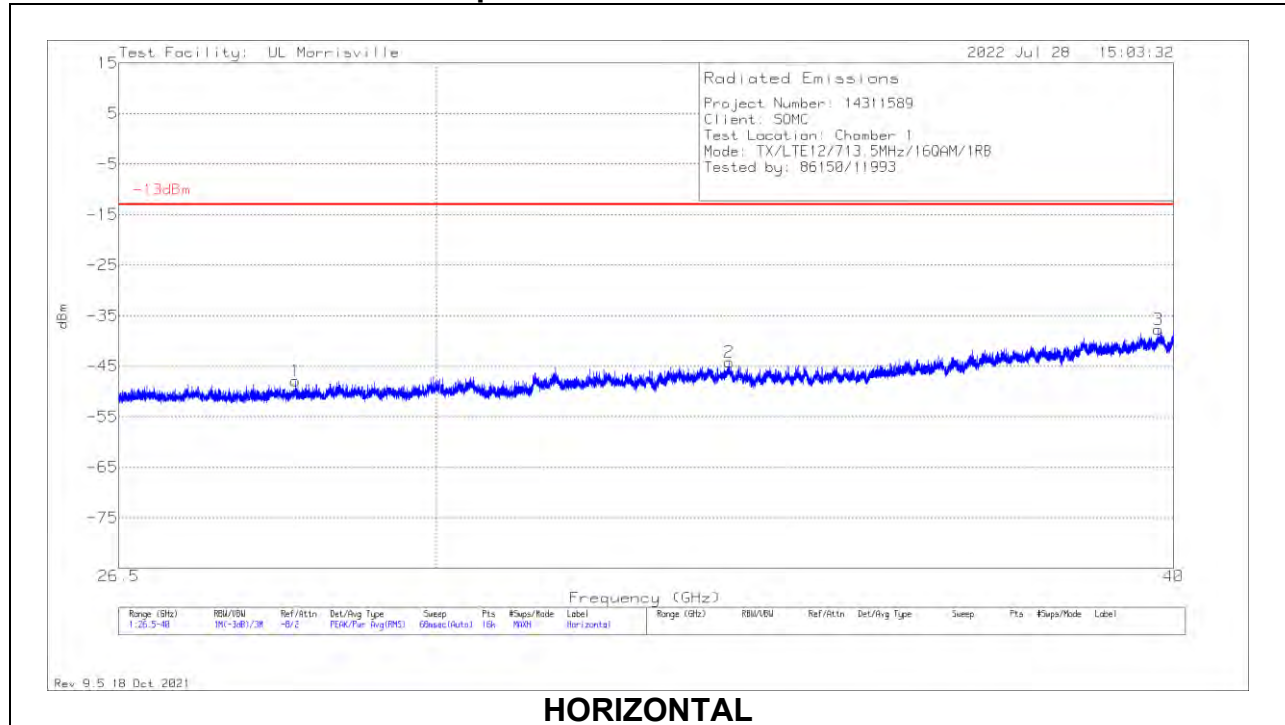
VERTICAL

RADIATED EMISSIONS

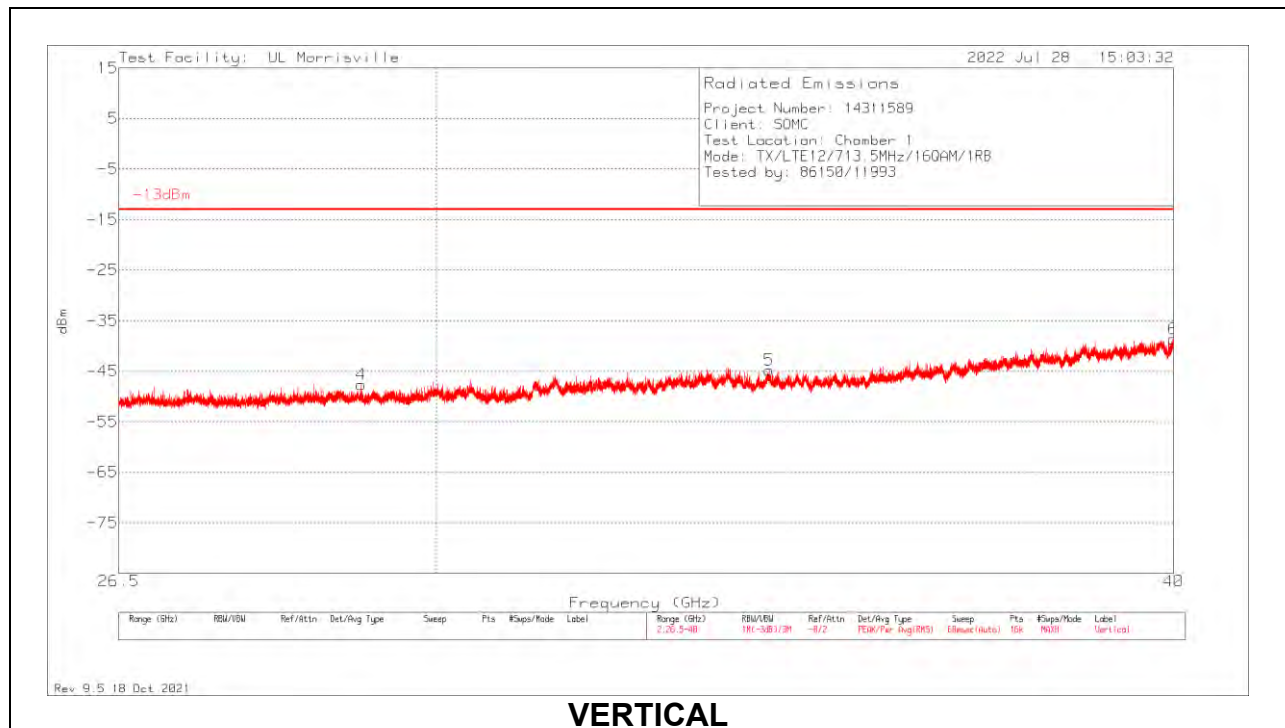
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	ANT (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	18.86521	-58.1	Pk	33.3	-39.2	11.8	-52.2	-13	-39.2	0-360	101	H
4	19.11849	-57.26	Pk	33.4	-39.2	11.8	-51.26	-13	-38.26	0-360	250	V
5	22.06684	-56.59	Pk	37	-39.6	11.8	-47.39	-13	-34.39	0-360	299	V
2	22.14334	-57.1	Pk	37	-39.5	11.8	-47.8	-13	-34.8	0-360	299	H
3	25.82262	-58.5	Pk	35.3	-37.6	11.8	-49	-13	-36	0-360	199	H
6	25.96115	-57.27	Pk	35.4	-37.5	11.8	-47.57	-13	-34.57	0-360	299	V

Pk - Peak detector

Spurious 26GHz to 40GHz



HORIZONTAL



VERTICAL

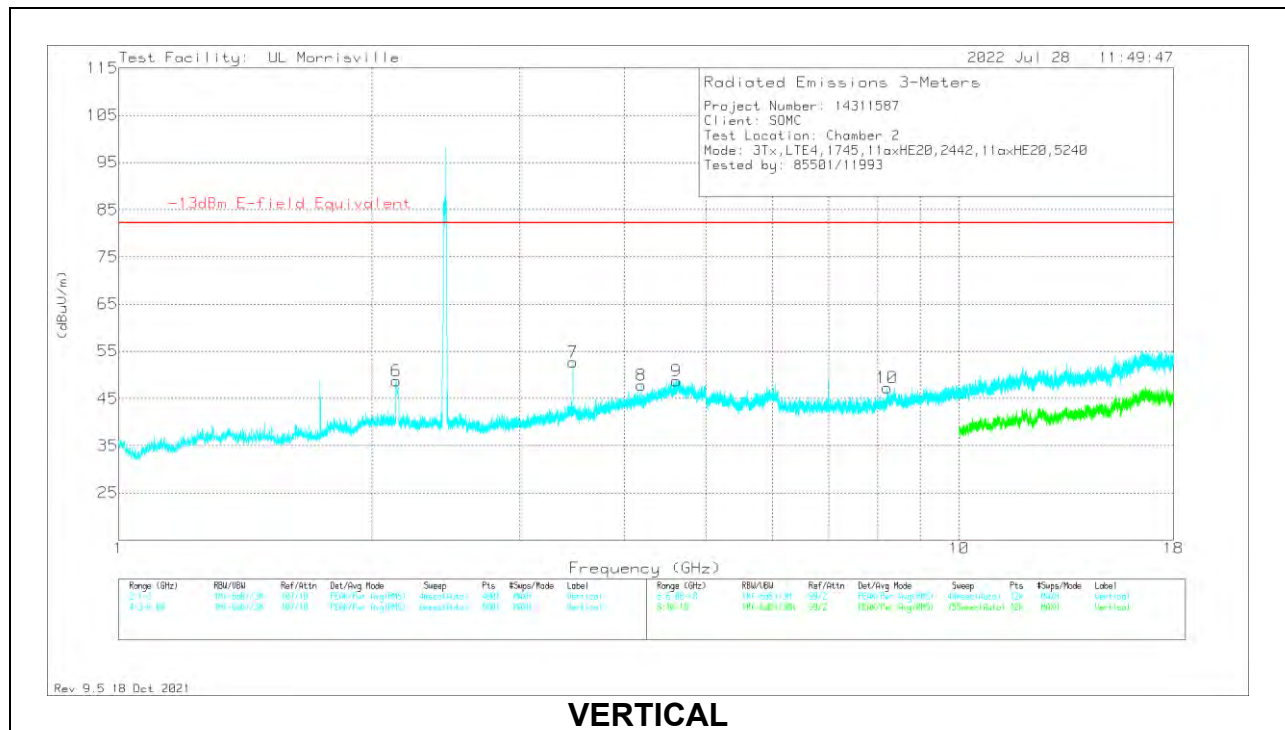
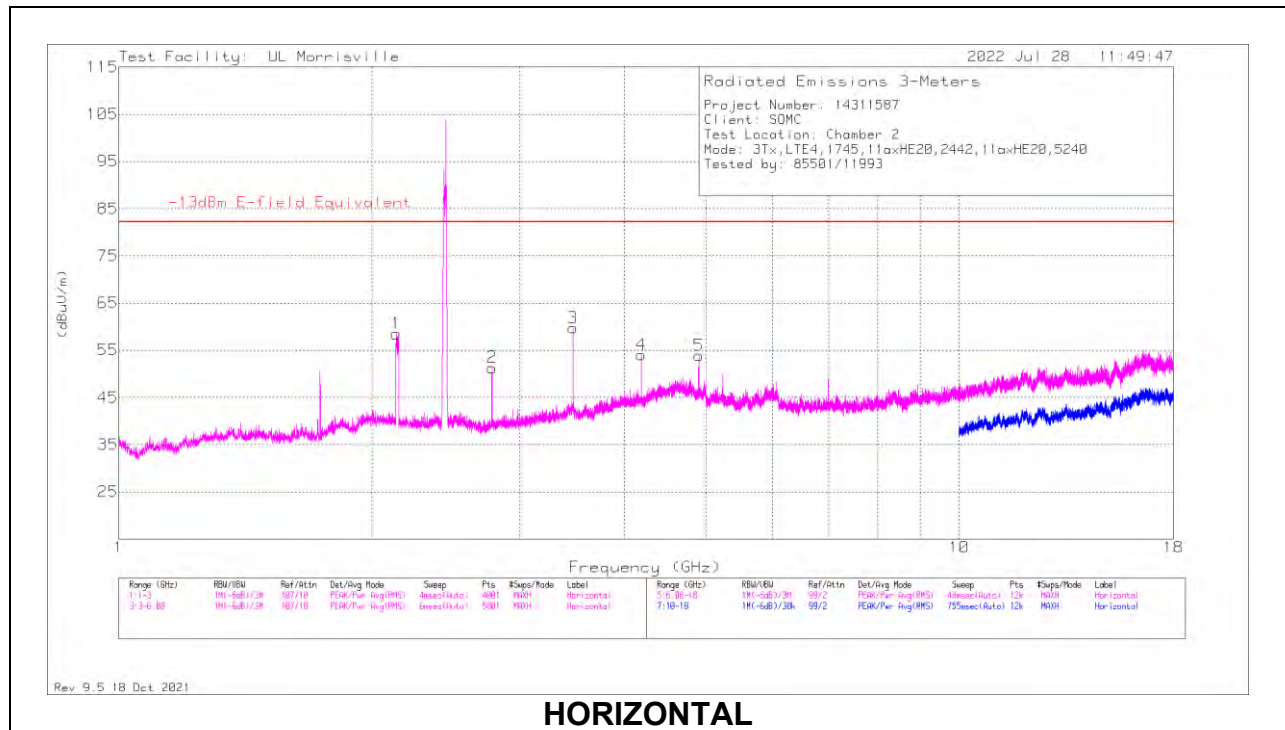
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	ANT (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	28.39494	-59.34	Pk	36.3	-36.7	11.8	-47.94	-13	-34.94	0-360	199	H
4	29.13402	-59.52	Pk	36.2	-36.1	11.8	-47.62	-13	-34.62	0-360	101	V
2	33.63177	-57.55	Pk	37.2	-35.6	11.8	-44.15	-13	-31.15	0-360	199	H
5	34.1633	-58.48	Pk	37.7	-35.8	11.8	-44.78	-13	-31.78	0-360	200	V
3	39.76376	-55.81	Pk	38.7	-32.4	11.8	-37.71	-13	-24.71	0-360	150	H
6	39.99915	-57.45	Pk	38.9	-31.8	11.8	-38.55	-13	-25.55	0-360	200	V

Pk - Peak detector

10.3. Simultaneous Transmission

10.3.1. LTE Band 4, 20300, 1745MHz, 20MHz, 1RB and 2442MHz 11ax HE20 26T/8 C0/C1 and 5240MHz C0/C1 HE20 26T/0



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1(DL)	** 2.139	49.3	Pk	31.5	-23.3	1	58.5	82.2	-	0-360	101	H
2	*** 2.7805	44.62	Pk	32.3	-26	.4	51.32	82.2	-30.88	0-360	101	H
6(DL)	** 2.138	39.37	Pk	31.5	-23.2	1	48.67	82.2	-	0-360	200	V
4	*** 4.18765	40.89	Pk	33.2	-20.8	.7	53.99	82.2	-28.21	0-360	199	H
5	*** 4.90221	40.53	Pk	33.9	-21.6	1.1	53.93	82.2	-28.27	0-360	199	H
8	*** 4.18672	34.58	Pk	33.2	-20.7	.7	47.78	82.2	-34.42	0-360	101	V
9	*** 4.61146	34.67	Pk	34.2	-21.2	1	48.67	82.2	-33.53	0-360	101	V
10	*** 8.20474	38.27	Pk	35.7	-27.3	.6	47.27	82.2	-34.93	0-360	199	V
3	3.47186	47.61	Pk	32.6	-20.8	.4	59.81	82.2	-22.39	0-360	199	H
7	3.47186	40.46	Pk	32.6	-20.8	.4	52.66	82.2	-29.54	0-360	101	V

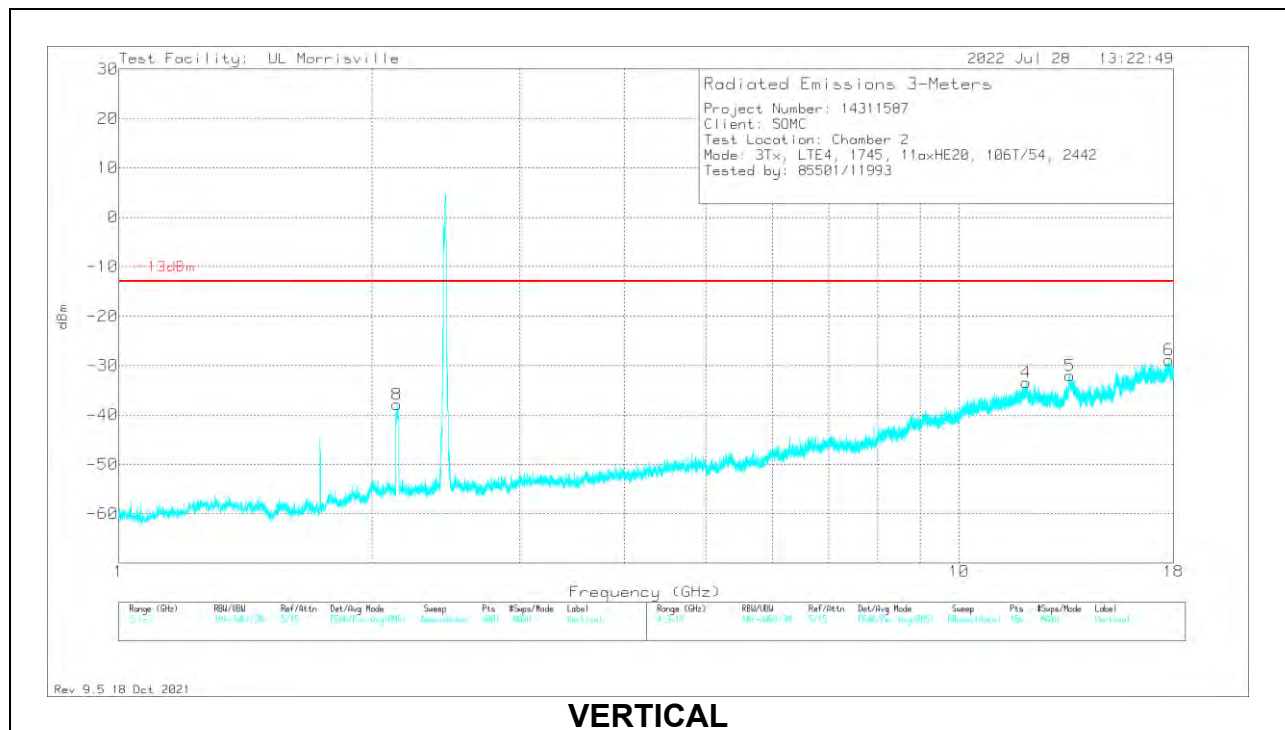
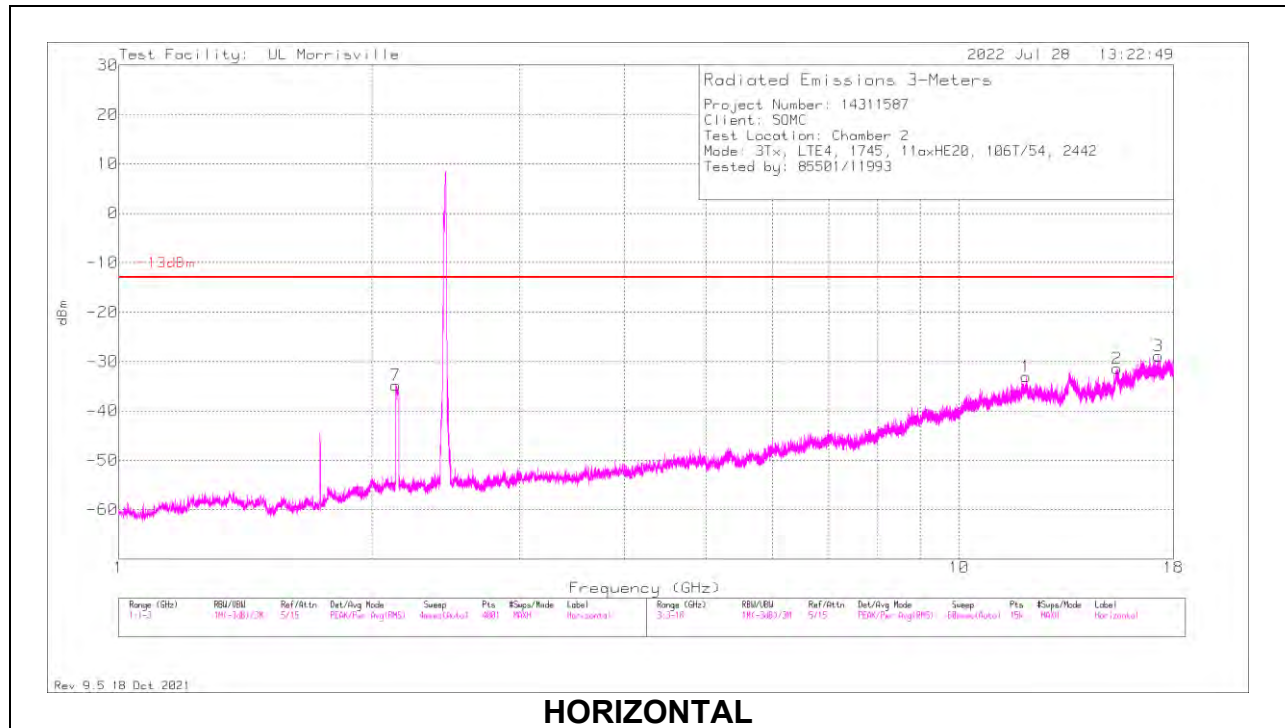
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

DL – Downlink

10.3.2. LTE Band 4, 20300, 1745MHz, 20MHz, 1RB and 2442MHz 11ax HE20 106T/R54 C0/C1



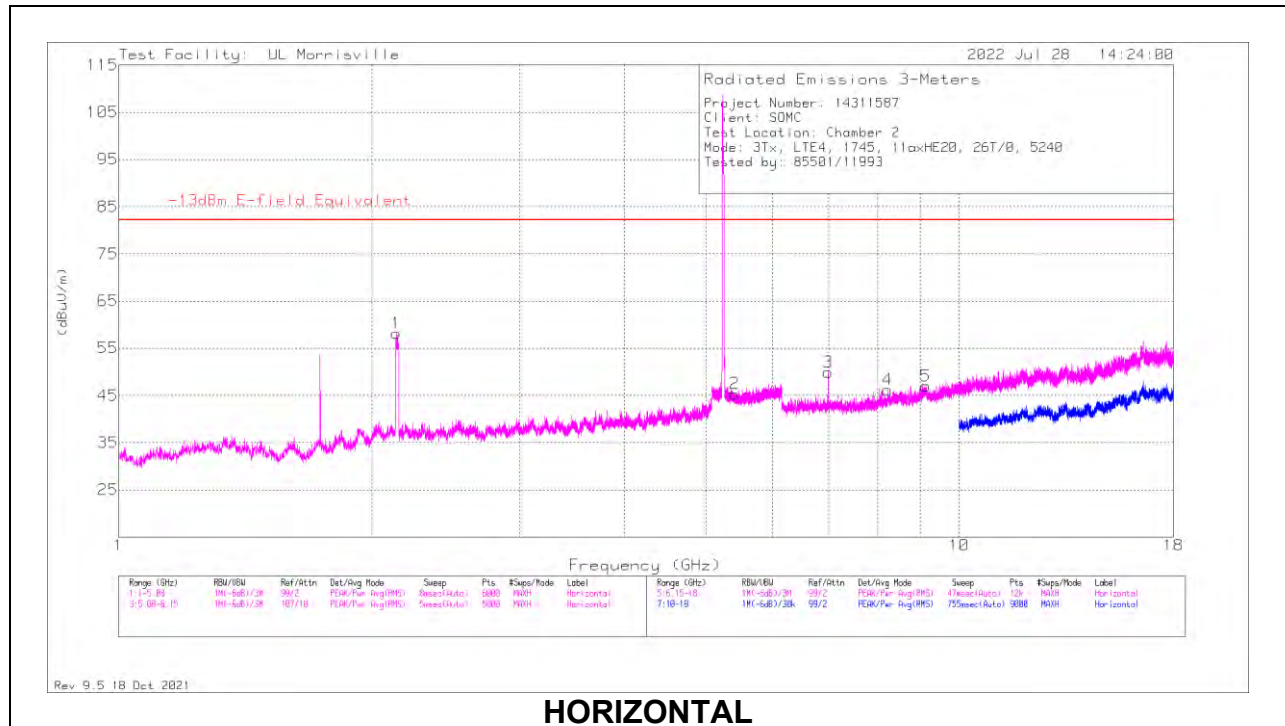
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7(DL)	2.1365	-44.64	Pk	31.4	-34.4	11.8	1	-34.84	-13	-	0-360	101	H
8(DL)	2.144	-47.52	Pk	31.5	-34.7	11.8	1	-37.92	-13	-	0-360	101	V
4	12.019	-61.18	Pk	38.6	-22.7	11.8	0	-33.48	-13	-20.48	0-360	200	V
1	12.026	-61.13	Pk	38.6	-22.3	11.8	0	-33.03	-13	-20.03	0-360	199	H
5	13.549	-58.66	Pk	38.8	-24	11.8	0	-32.06	-13	-19.06	0-360	200	V
2	15.412	-62.62	Pk	40.1	-20.7	11.8	0	-31.42	-13	-18.42	0-360	101	H
3	17.284	-59.58	Pk	41.1	-22.2	11.8	0	-28.88	-13	-15.88	0-360	101	H
6	17.777	-61.65	Pk	41.2	-20.2	11.8	0	-28.85	-13	-15.85	0-360	200	V

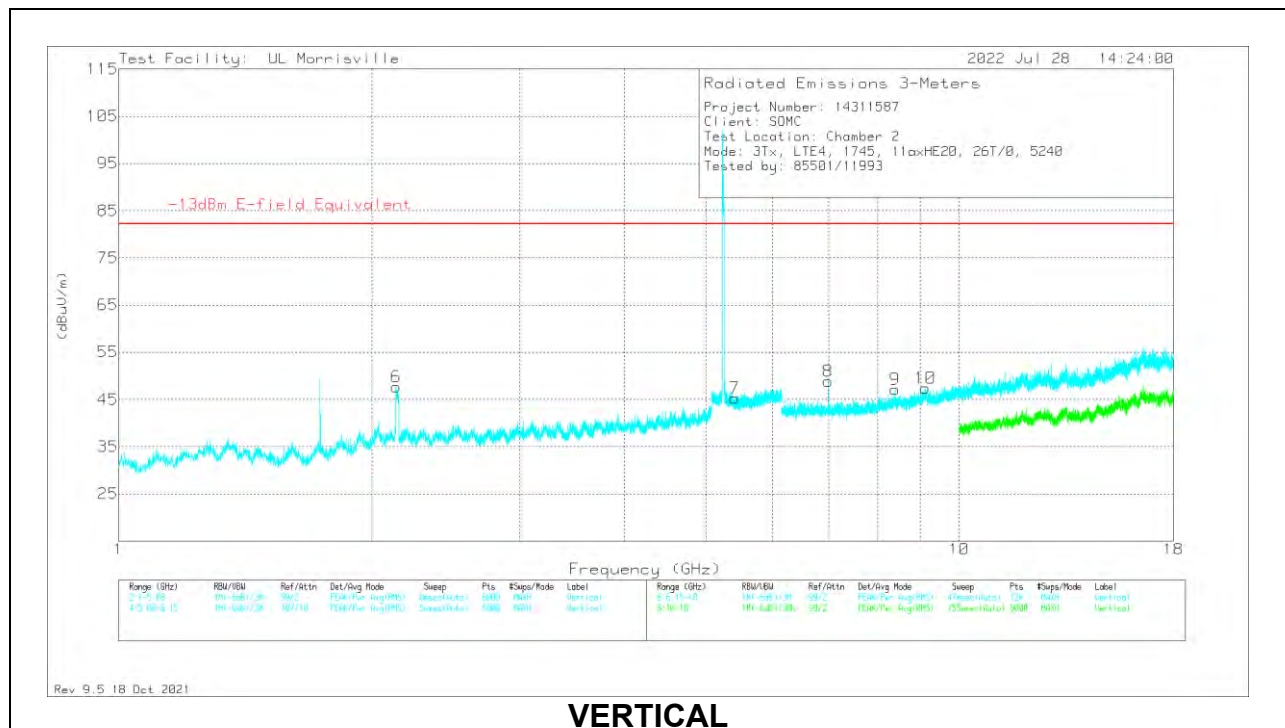
Pk - Peak detector

DL - Downlink

10.3.3. LTE Band 4, 20300, 1745MHz, 20MHz, 1RB and 5240MHz 11ax HE20 26T/0 C0/C1



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1(DL)	** 2.13851	60.1	Pk	31.5	-34.4	1	58.2	82.2	-	0-360	101	H
6(DL)	** 2.13851	49.61	Pk	31.5	-34.4	1	47.71	82.2	-	0-360	199	V
2	*** 5.40898	34.44	Pk	34.4	-23.5	0	45.34	82.2	-36.86	0-360	101	H
7	*** 5.40941	34.44	Pk	34.4	-23.6	0	45.24	82.2	-36.96	0-360	199	V
4	*** 8.22573	37.24	Pk	35.7	-26.8	0	46.14	82.2	-36.06	0-360	101	H
5	*** 9.13028	36.62	Pk	36.2	-25.8	0	47.02	82.2	-35.18	0-360	200	H
9	*** 8.39261	37.98	Pk	35.8	-26.7	0	47.08	82.2	-35.12	0-360	101	V
10	*** 9.12336	37.1	Pk	36.2	-25.9	0	47.4	82.2	-34.8	0-360	200	V
3	6.98641	41.81	Pk	35.6	-27.5	0	49.91	82.2	-32.29	0-360	101	H
8	6.98641	40.7	Pk	35.6	-27.5	0	48.8	82.2	-33.4	0-360	101	V

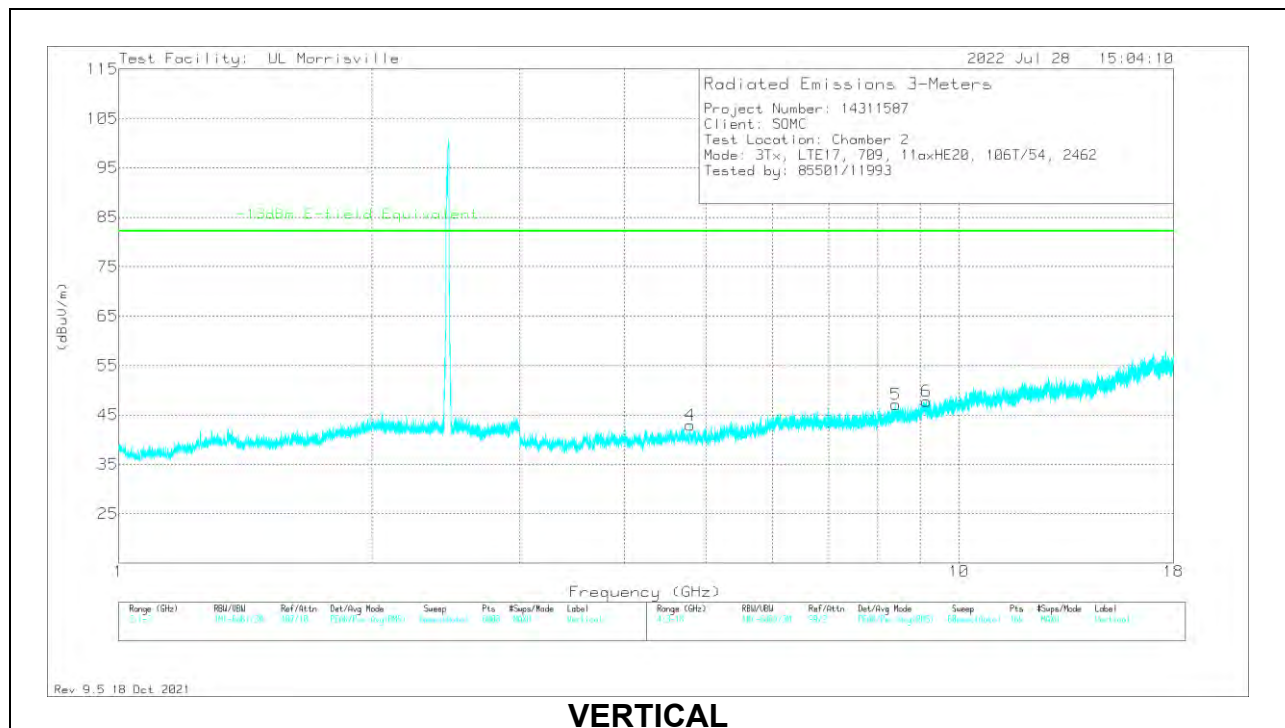
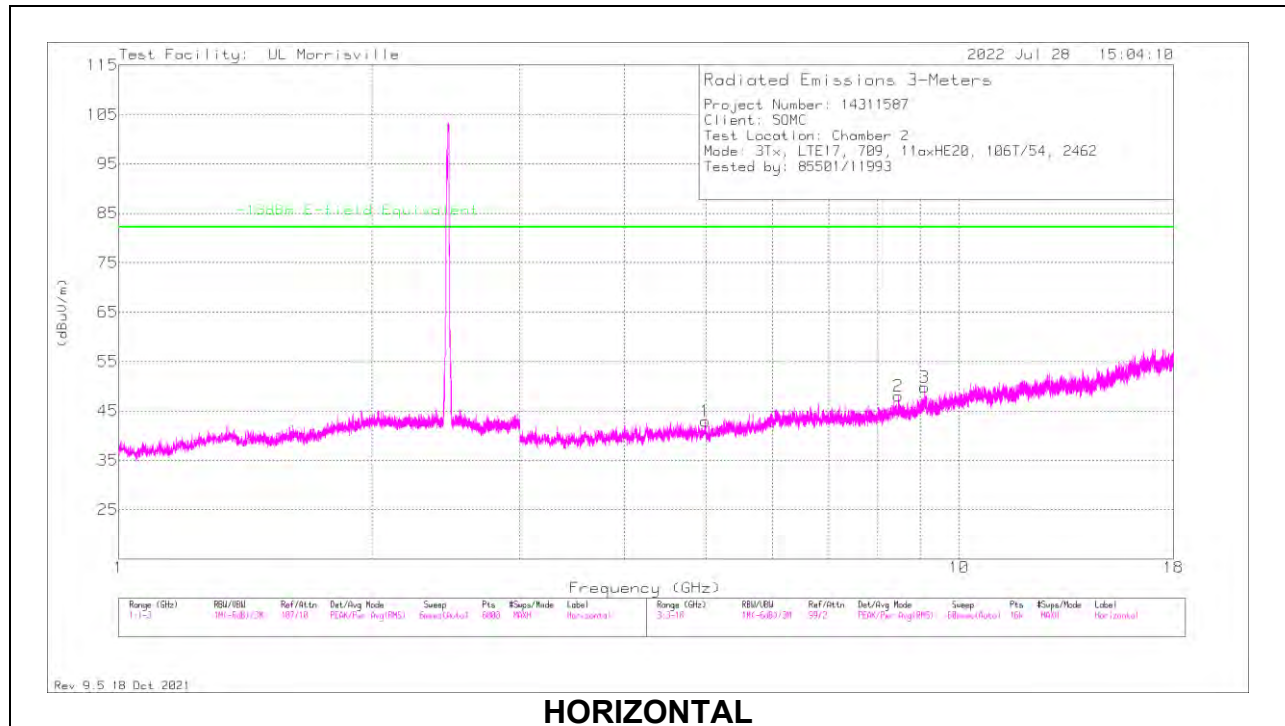
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

DL – Downlink

10.3.4. LTE Band 17, 23780, 709MHz, 10MHz, 1RB and 2462MHz 106T/R54 C0/C1



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.99031	39.22	Pk	34	-30.7	.4	42.92	82.2	-39.28	0-360	199	H
2	* ** 8.47125	38.22	Pk	35.9	-26.5	.4	48.02	82.2	-34.18	0-360	101	H
3	* ** 9.10688	38.56	Pk	36.2	-25.6	.6	49.76	82.2	-32.44	0-360	199	H
4	* ** 4.785	39.42	Pk	34	-30.8	.3	42.92	82.2	-39.28	0-360	101	V
5	* ** 8.41125	37.37	Pk	35.8	-26.6	.5	47.07	82.2	-35.13	0-360	199	V
6	* ** 9.14344	36.3	Pk	36.2	-25.2	.5	47.8	82.2	-34.4	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

11. SETUP PHOTOS

Please see Photos Exhibit R14311589-EP1 FCC WWAN SETUP PHOTOS EXHIBIT for Setup Diagrams and Photos.

END OF REPORT