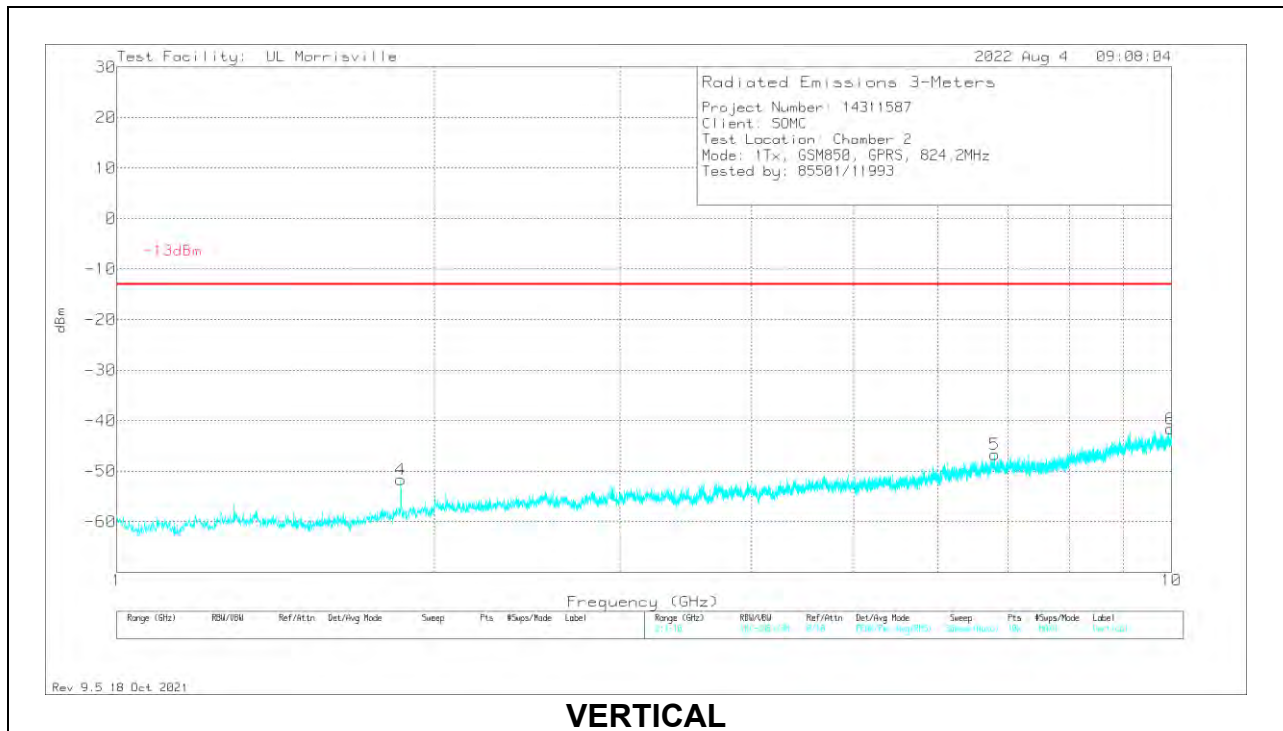
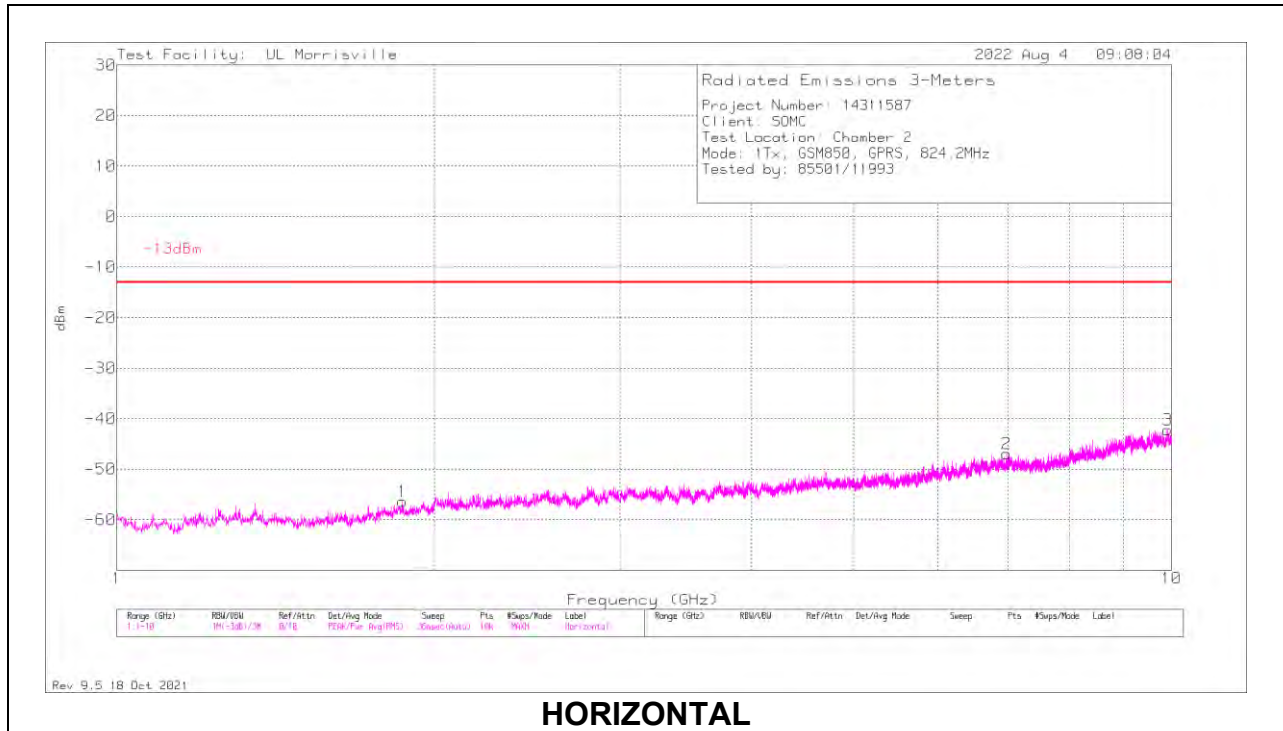


GPRS

LOW CHANNEL RESULTS

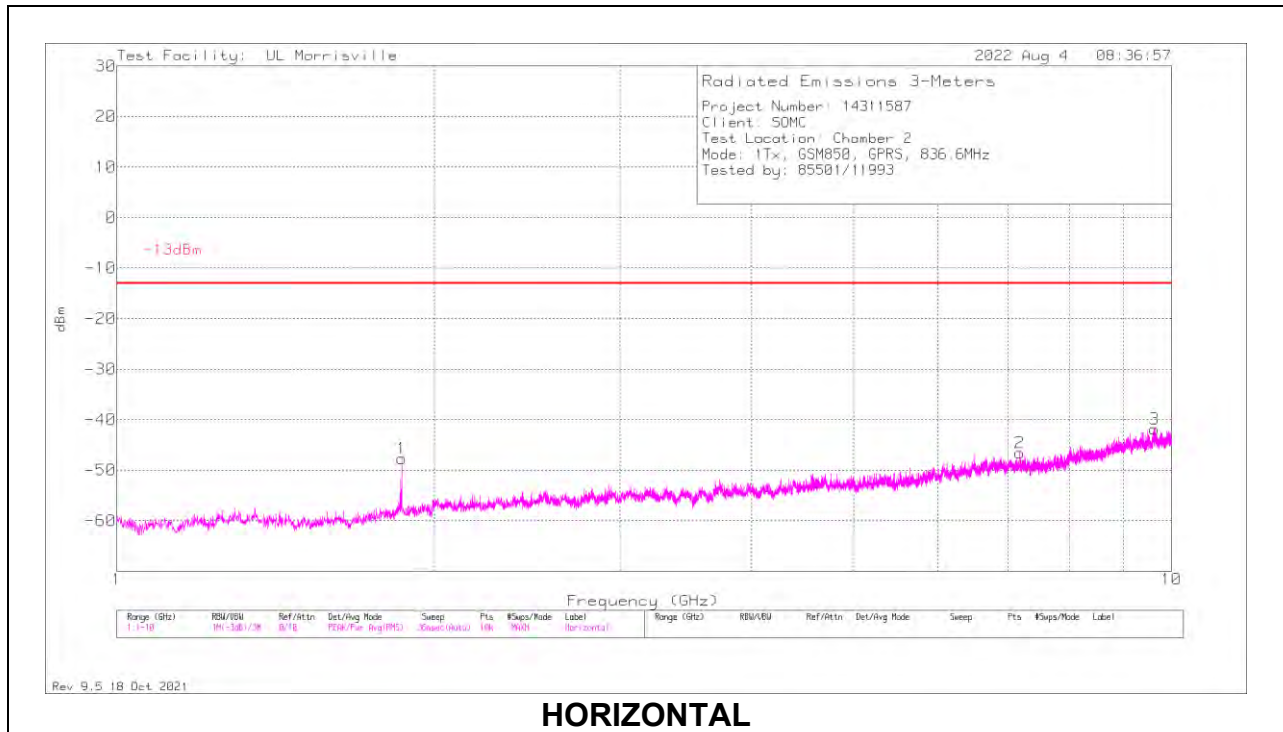


RADIATED EMISSIONS

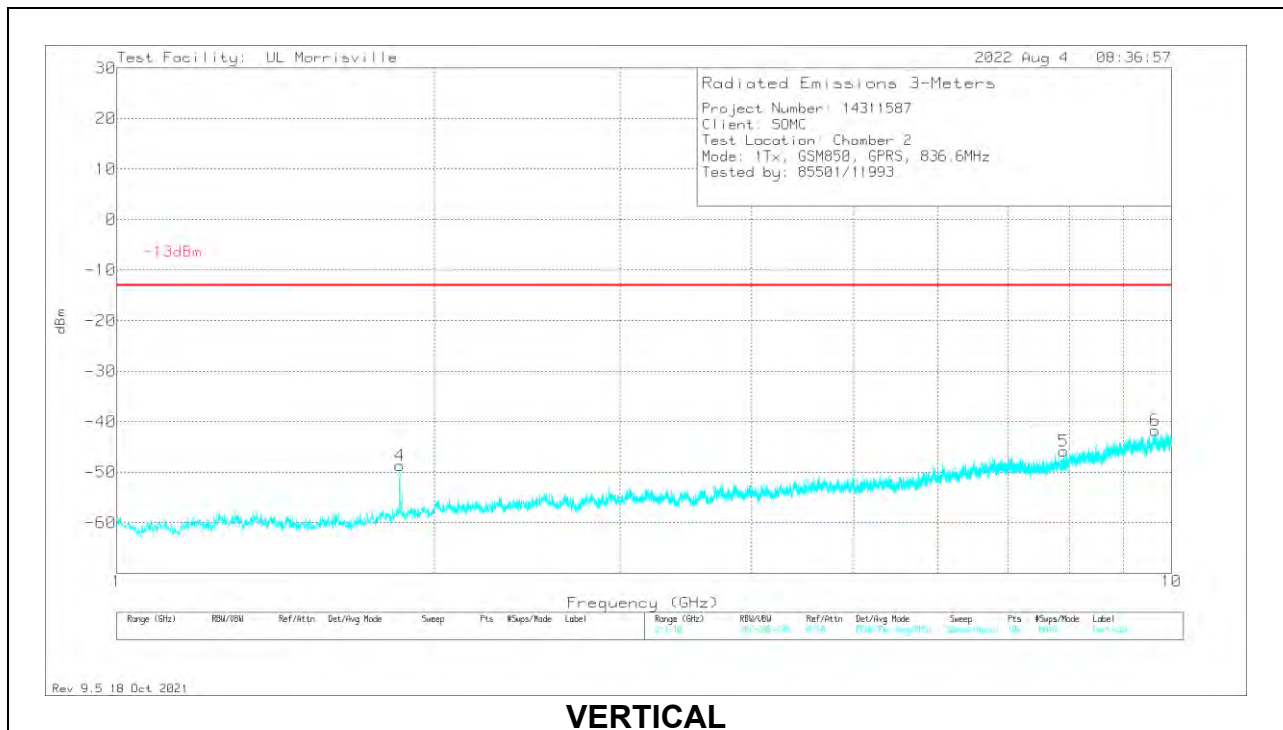
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.8595	-60.16	Pk	30.5	-34.2	.4	11.8	-51.66	-13	-38.66	0-360	201	V
1	1.8658	-64.93	Pk	30.5	-34.1	.4	11.8	-56.33	-13	-43.33	0-360	101	H
5	6.796	-66.87	Pk	35.6	-27.9	.7	11.8	-46.67	-13	-33.67	0-360	101	V
2	6.9769	-66.44	Pk	35.6	-28.4	.5	11.8	-46.94	-13	-33.94	0-360	300	H
3	9.9181	-66.43	Pk	37	-25.5	.9	11.8	-42.23	-13	-29.23	0-360	300	H
6	9.982	-65.85	Pk	37.1	-25.2	.6	11.8	-41.55	-13	-28.55	0-360	300	V

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



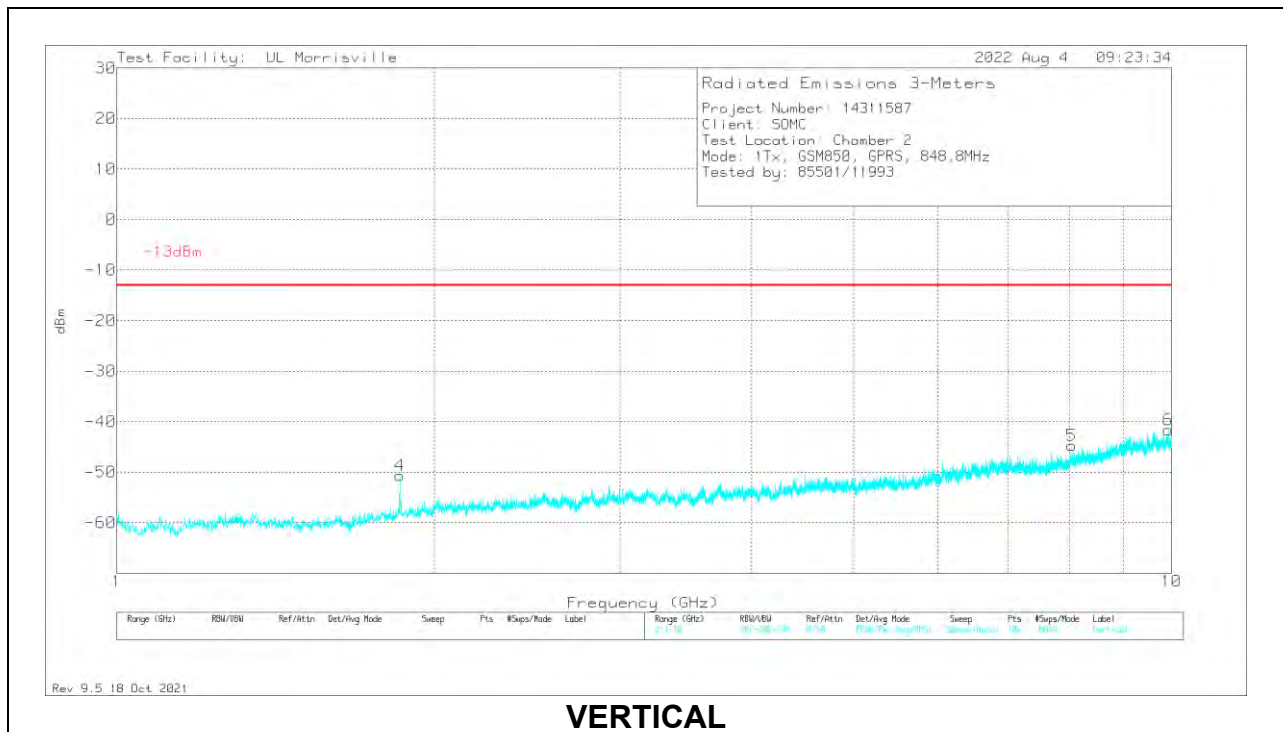
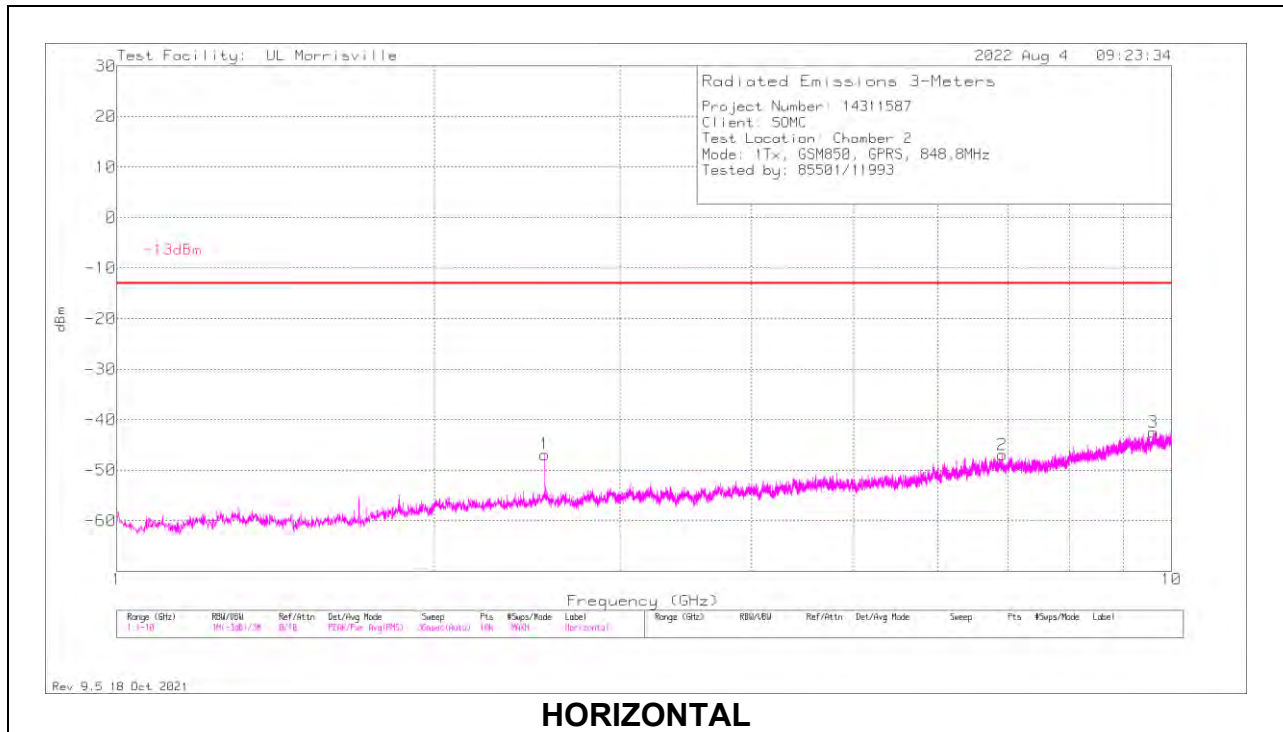
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.855	-56.9	Pk	30.4	-34.4	.4	11.8	-48.7	-13	-35.7	0-360	200	V
1	1.8631	-56.18	Pk	30.5	-34.2	.4	11.8	-47.68	-13	-34.68	0-360	199	H
2	7.1776	-66.62	Pk	35.6	-27.9	.6	11.8	-46.52	-13	-33.52	0-360	300	H
5	7.9075	-66.52	Pk	35.8	-27.4	.5	11.8	-45.82	-13	-32.82	0-360	101	V
3	9.6319	-65.22	Pk	36.7	-26	.9	11.8	-41.82	-13	-28.82	0-360	199	H
6	9.6508	-65.76	Pk	36.7	-25.4	.9	11.8	-41.76	-13	-28.76	0-360	200	V

Pk - Peak detector

HIGH CHANNEL RESULTS



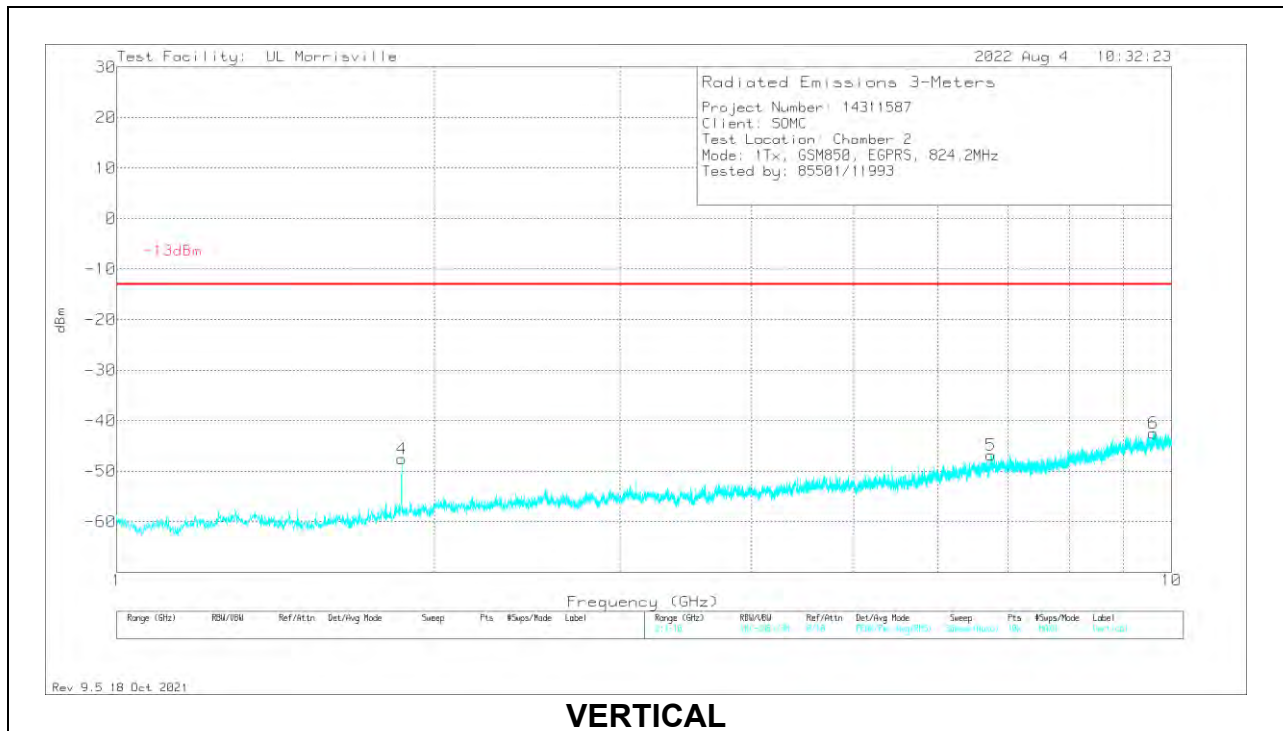
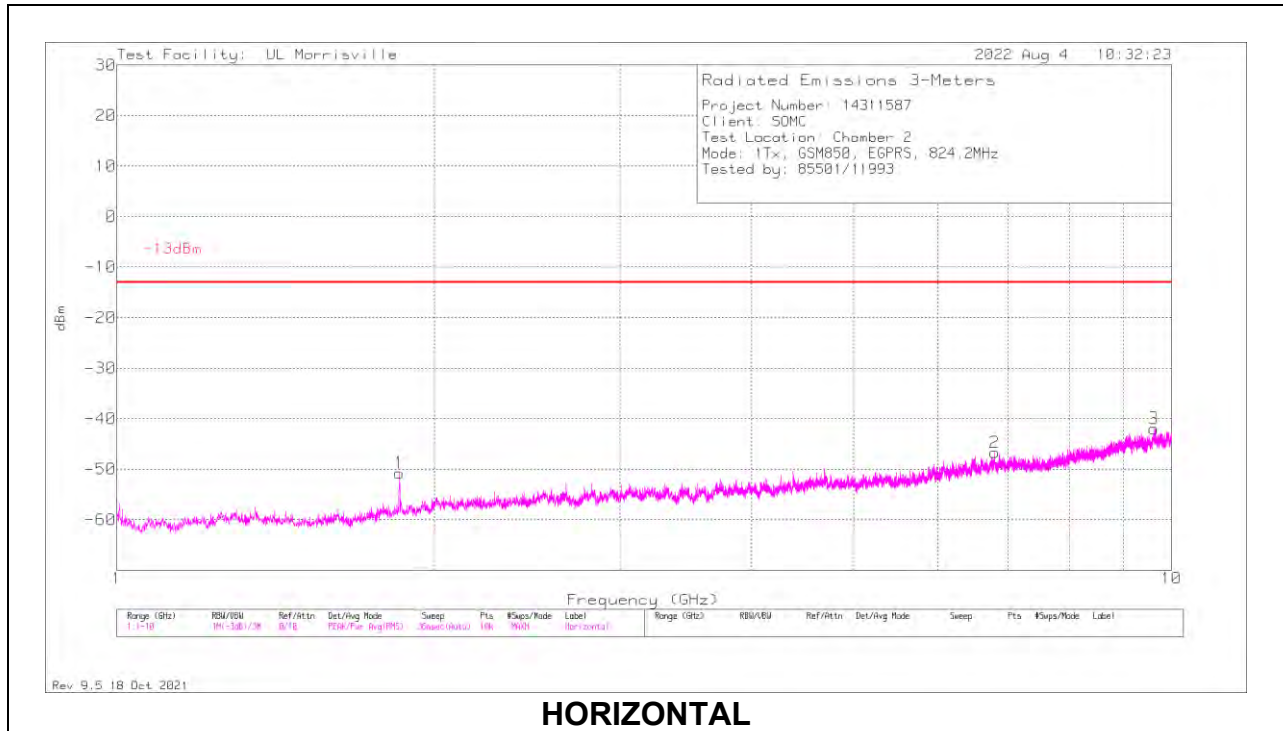
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.855	-58.89	Pk	30.4	-34.4	.4	11.8	-50.69	-13	-37.69	0-360	200	V
1	2.5462	-58.08	Pk	32.5	-33.6	.5	11.8	-46.88	-13	-33.88	0-360	299	H
2	6.913	-66.47	Pk	35.6	-28.5	.6	11.8	-46.97	-13	-33.97	0-360	101	H
5	8.0488	-65.76	Pk	35.8	-27	.4	11.8	-44.76	-13	-31.76	0-360	101	V
3	9.6139	-66.13	Pk	36.7	-25.6	.8	11.8	-42.43	-13	-29.43	0-360	101	H
6	9.9334	-65.97	Pk	37.1	-25.3	.8	11.8	-41.57	-13	-28.57	0-360	101	V

Pk - Peak detector

EGPRS

LOW CHANNEL RESULTS

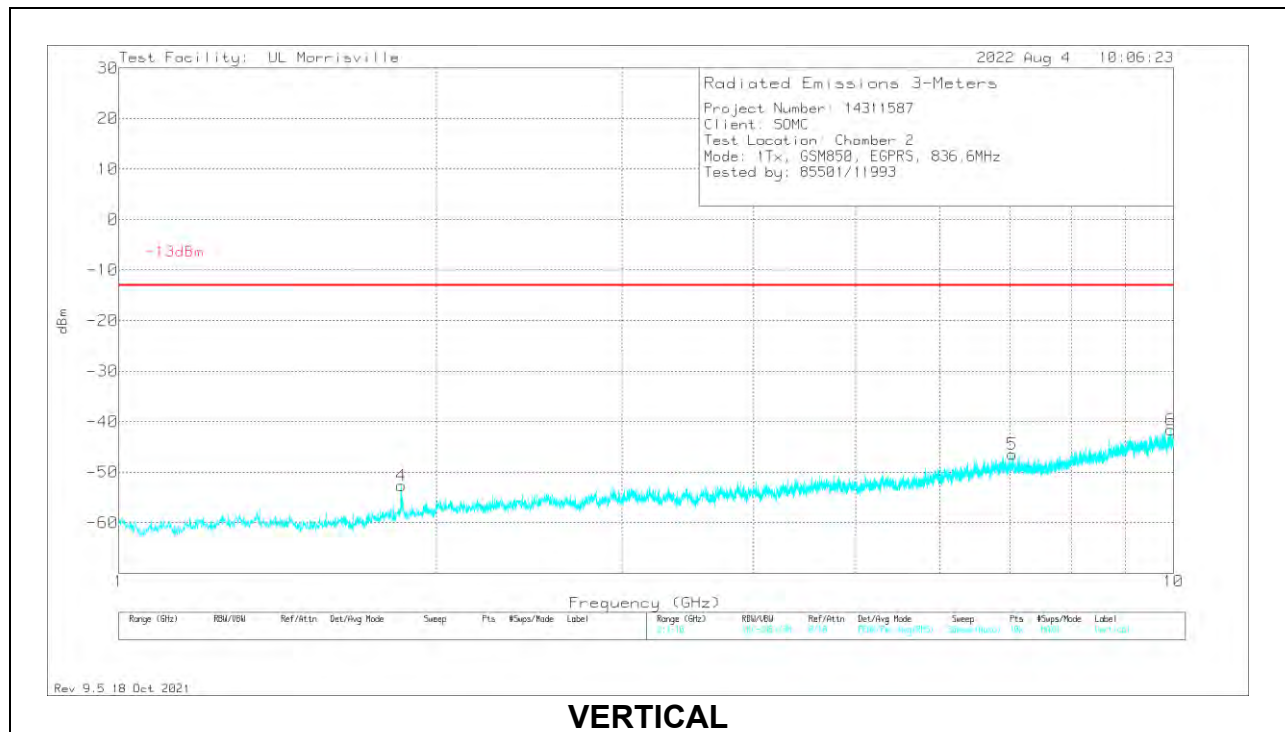
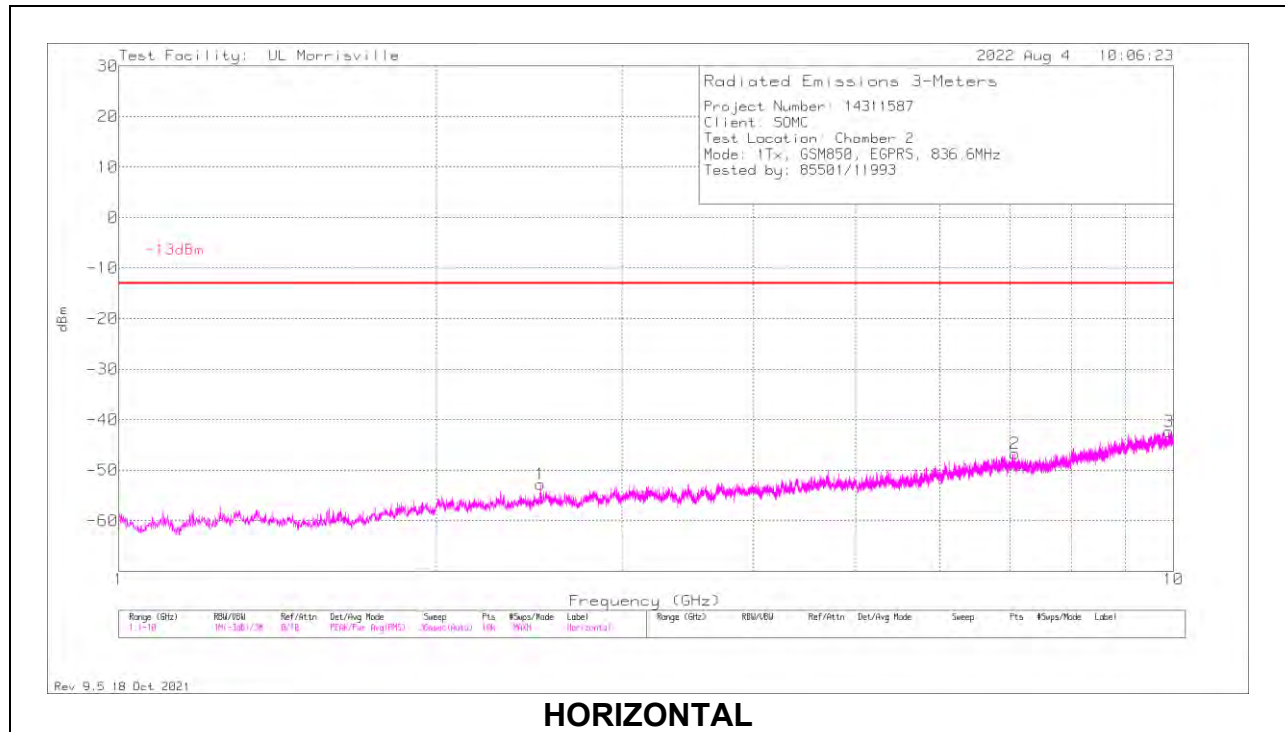


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.8523	-58.93	Pk	30.4	-34.4	.4	11.8	-50.73	-13	-37.73	0-360	199	H
4	1.8622	-56.06	Pk	30.5	-34.2	.4	11.8	-47.56	-13	-34.56	0-360	200	V
5	6.7402	-66.05	Pk	35.6	-28.8	.6	11.8	-46.85	-13	-33.85	0-360	101	V
2	6.7942	-66.75	Pk	35.6	-28	.7	11.8	-46.65	-13	-33.65	0-360	199	H
6	9.6166	-66.29	Pk	36.7	-25.6	.9	11.8	-42.49	-13	-29.49	0-360	101	V
3	9.6229	-65.52	Pk	36.7	-25.8	.9	11.8	-41.92	-13	-28.92	0-360	101	H

Pk - Peak detector

MID CHANNEL RESULTS

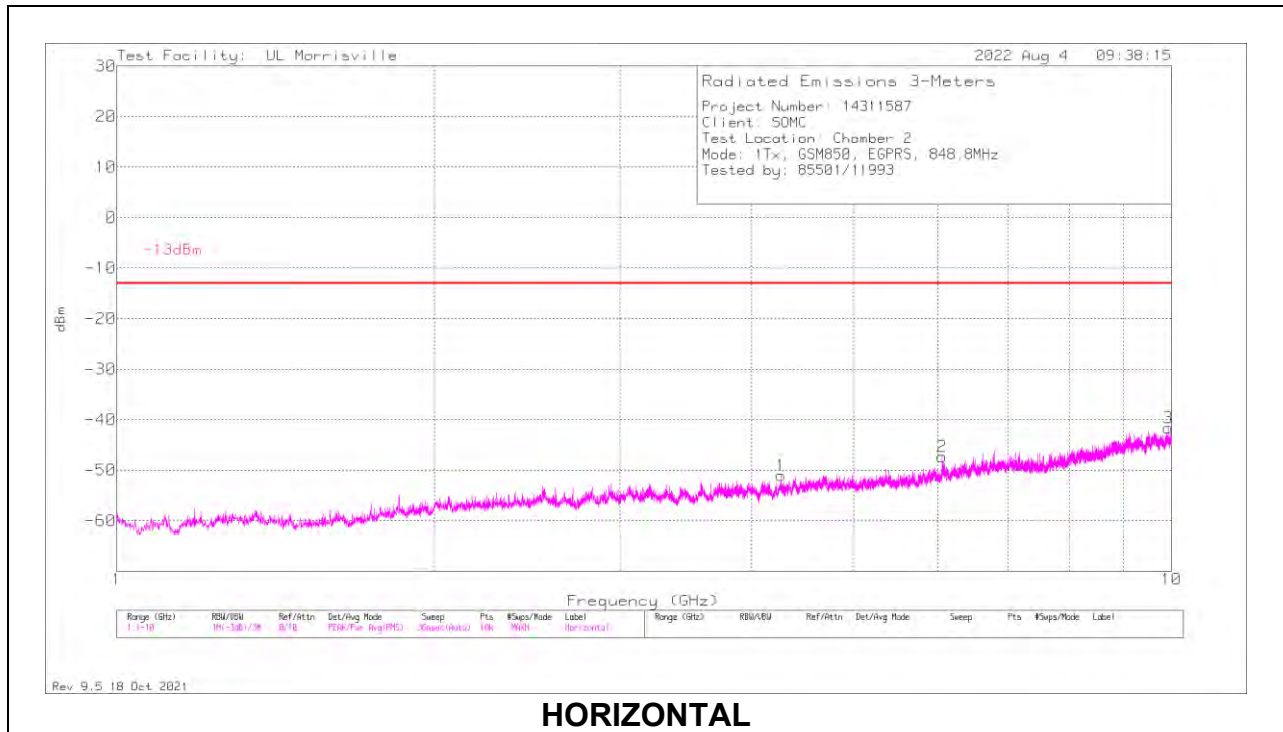


RADIATED EMISSIONS

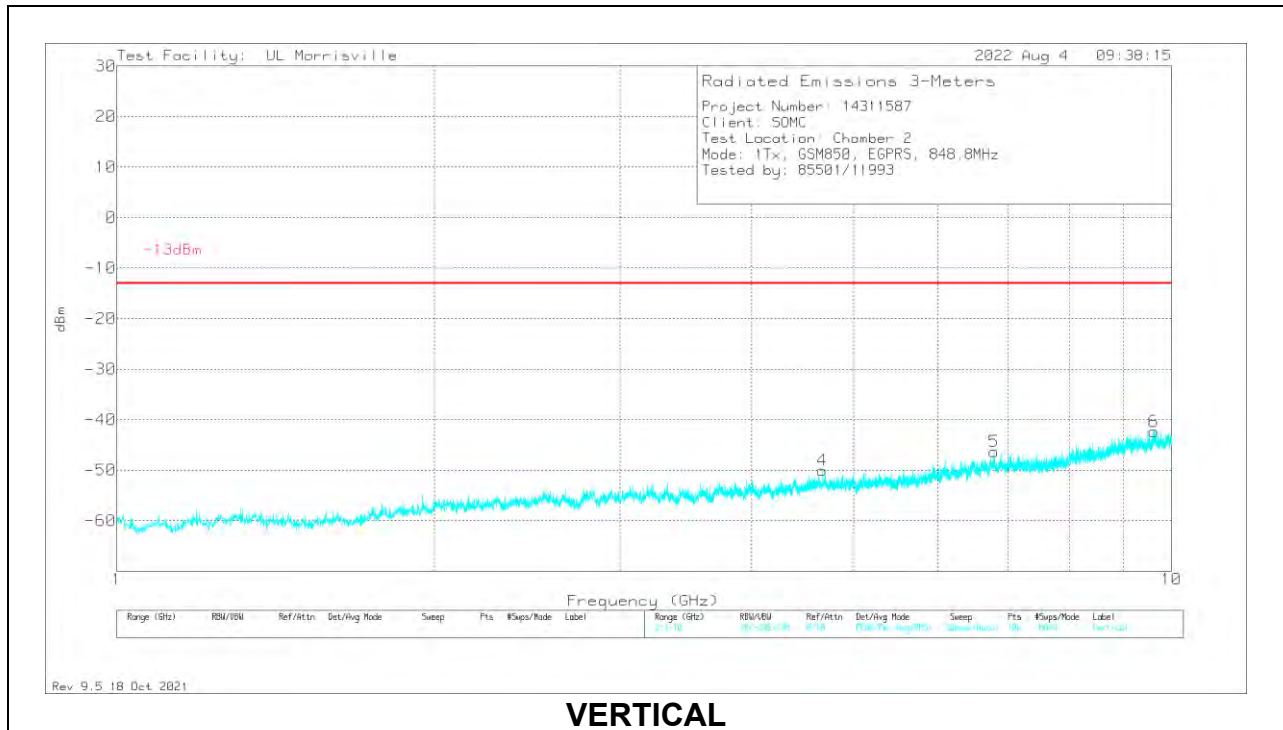
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.8523	-60.83	Pk	30.4	-34.4	.4	11.8	-52.63	-13	-39.63	0-360	101	V
1	2.5093	-63.57	Pk	32.4	-33.8	.4	11.8	-52.77	-13	-39.77	0-360	101	H
5	7.0354	-66.2	Pk	35.6	-28.2	.6	11.8	-46.4	-13	-33.4	0-360	101	V
2	7.0741	-66.26	Pk	35.6	-28.4	.6	11.8	-46.66	-13	-33.66	0-360	299	H
3	9.9037	-66.3	Pk	37	-25.8	1	11.8	-42.3	-13	-29.3	0-360	101	H
6	9.946	-65.56	Pk	37.1	-25.7	.7	11.8	-41.66	-13	-28.66	0-360	200	V

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	4.2616	-65.24	Pk	33.3	-31.4	.5	11.8	-51.04	-13	-38.04	0-360	199	H
4	4.6648	-64.95	Pk	34.2	-31.4	.3	11.8	-50.05	-13	-37.05	0-360	299	V
2	6.0643	-65.66	Pk	35.2	-29.4	.7	11.8	-47.36	-13	-34.36	0-360	299	H
5	6.7924	-66.18	Pk	35.6	-28.2	.7	11.8	-46.28	-13	-33.28	0-360	200	V
6	9.622	-65.92	Pk	36.7	-25.8	.9	11.8	-42.32	-13	-29.32	0-360	101	V
3	9.9334	-66	Pk	37.1	-25.3	.8	11.8	-41.6	-13	-28.6	0-360	299	H

Pk - Peak detector

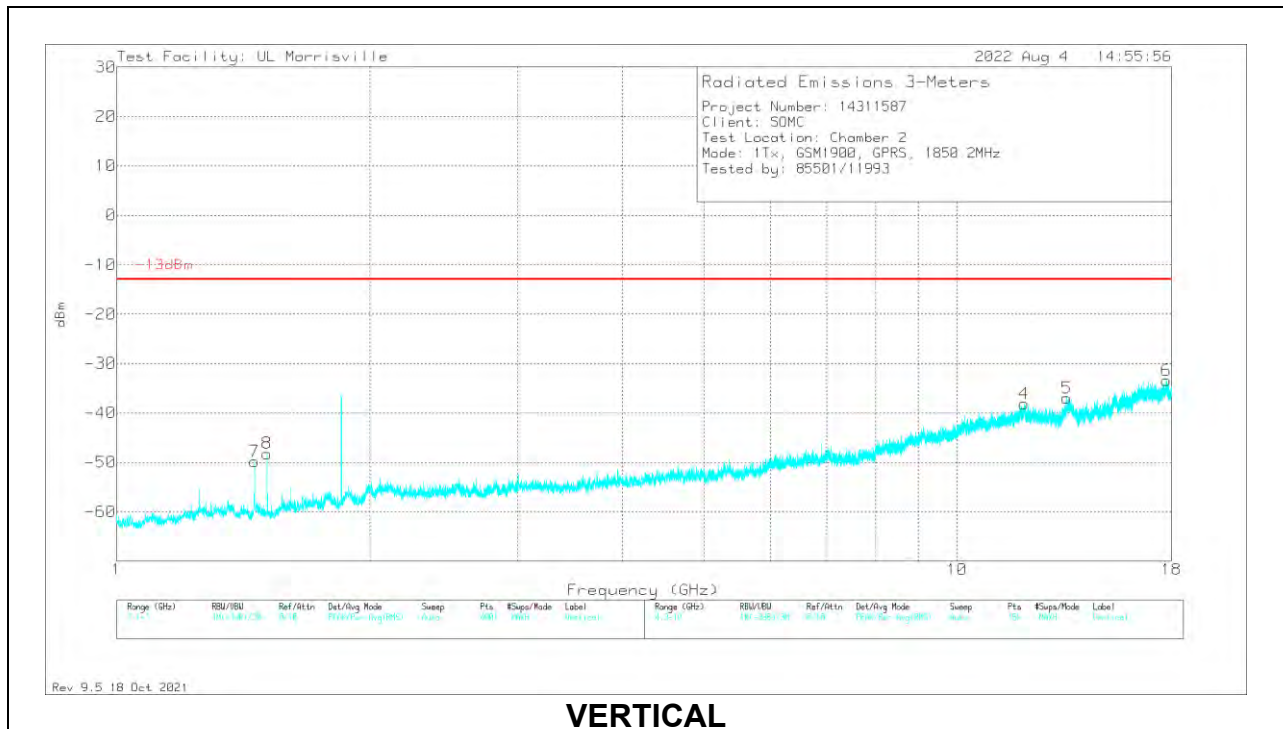
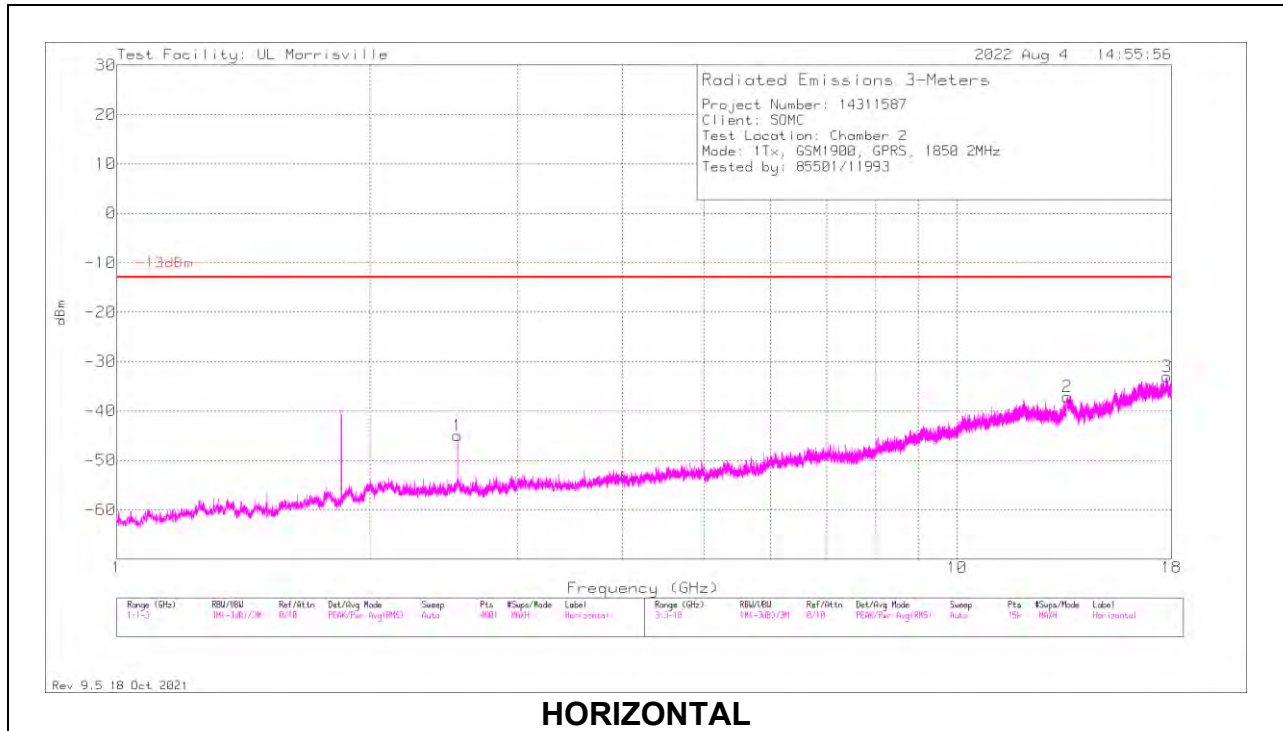
11.1.2. GSM1900
LIMITS

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

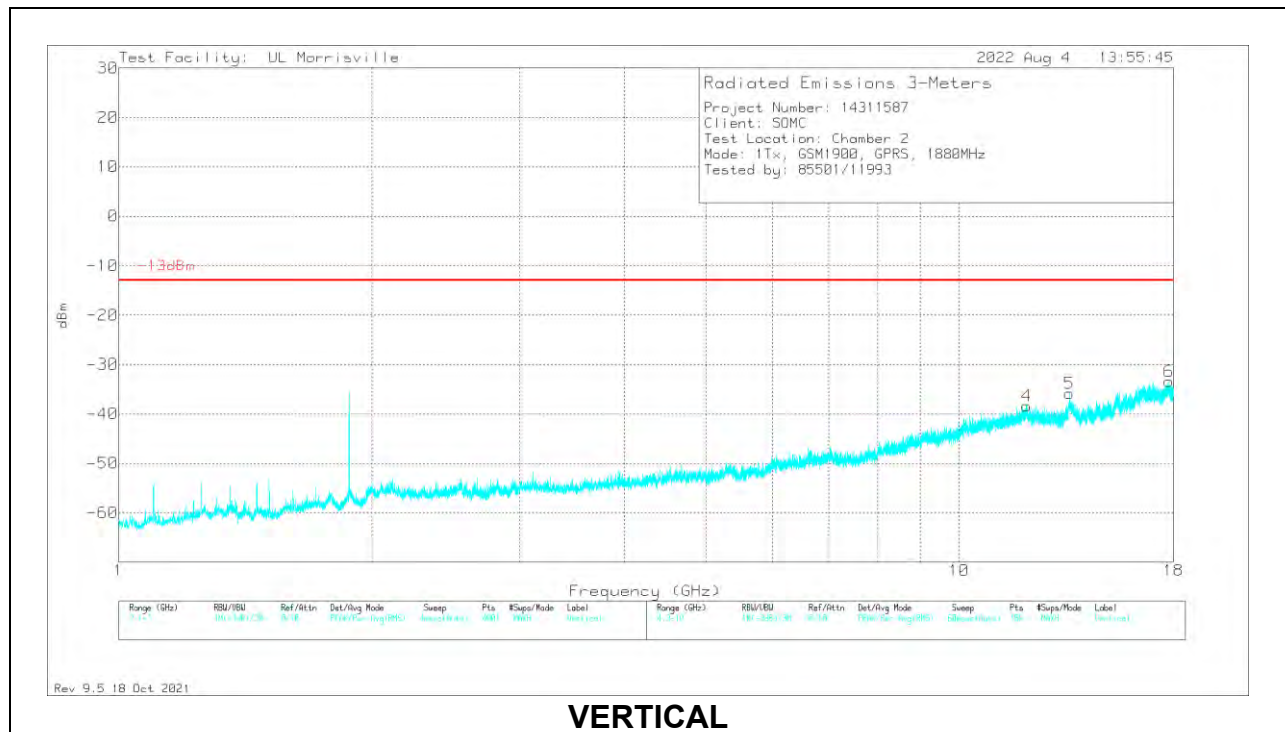
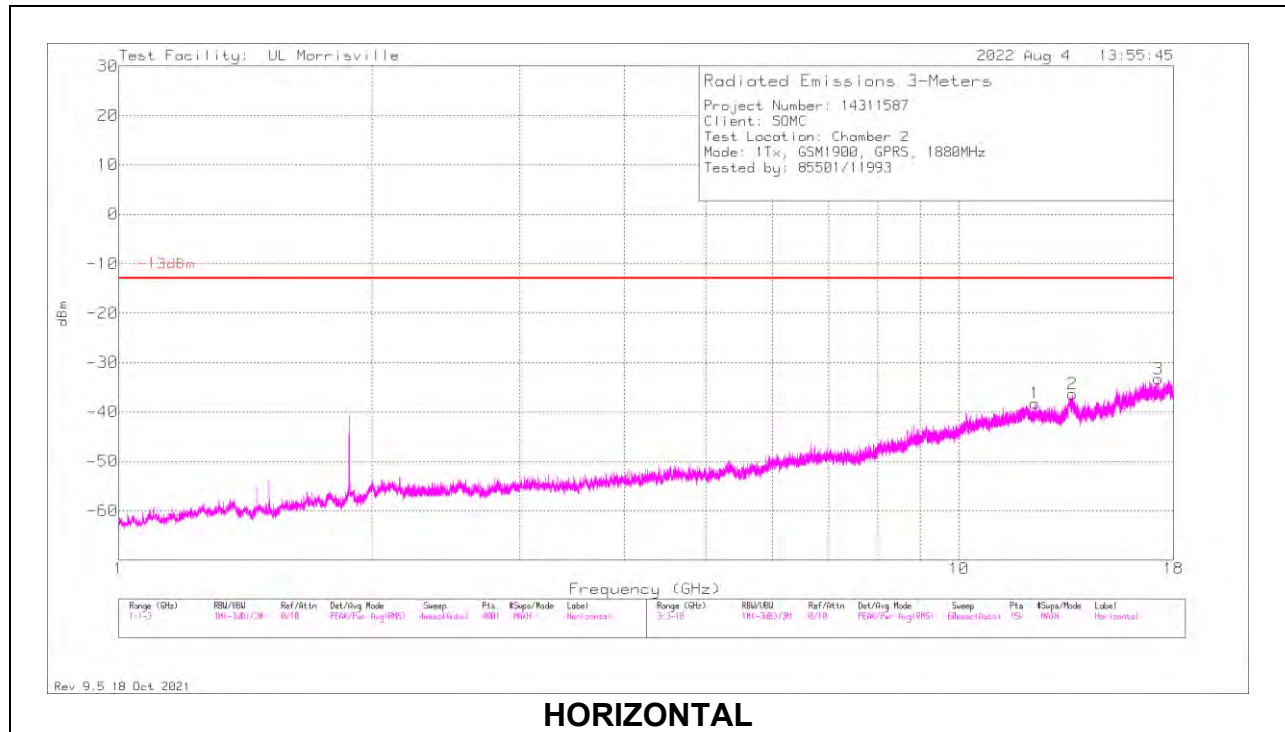


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	1.4585	-56.24	Pk	28.2	-34.4	11.8	.8	-49.84	-13	-36.84	0-360	201	V
8	1.51	-53.92	Pk	27.7	-34.8	11.8	1	-48.22	-13	-35.22	0-360	201	V
1	2.5455	-56.23	Pk	32.5	-33.6	11.8	.6	-44.93	-13	-31.93	0-360	200	H
4	12.03	-65.84	Pk	38.6	-22.7	11.8	0	-38.14	-13	-25.14	0-360	300	V
5	13.522	-63.43	Pk	38.8	-24.2	11.8	0	-37.03	-13	-24.03	0-360	300	V
2	13.529	-63.42	Pk	38.8	-24.3	11.8	0	-37.12	-13	-24.12	0-360	101	H
6	17.746	-65.51	Pk	41.2	-20.9	11.8	0	-33.41	-13	-20.41	0-360	200	V
3	17.782	-65.71	Pk	41.2	-20.4	11.8	0	-33.11	-13	-20.11	0-360	300	H

Pk - Peak detector

MID CHANNEL RESULTS

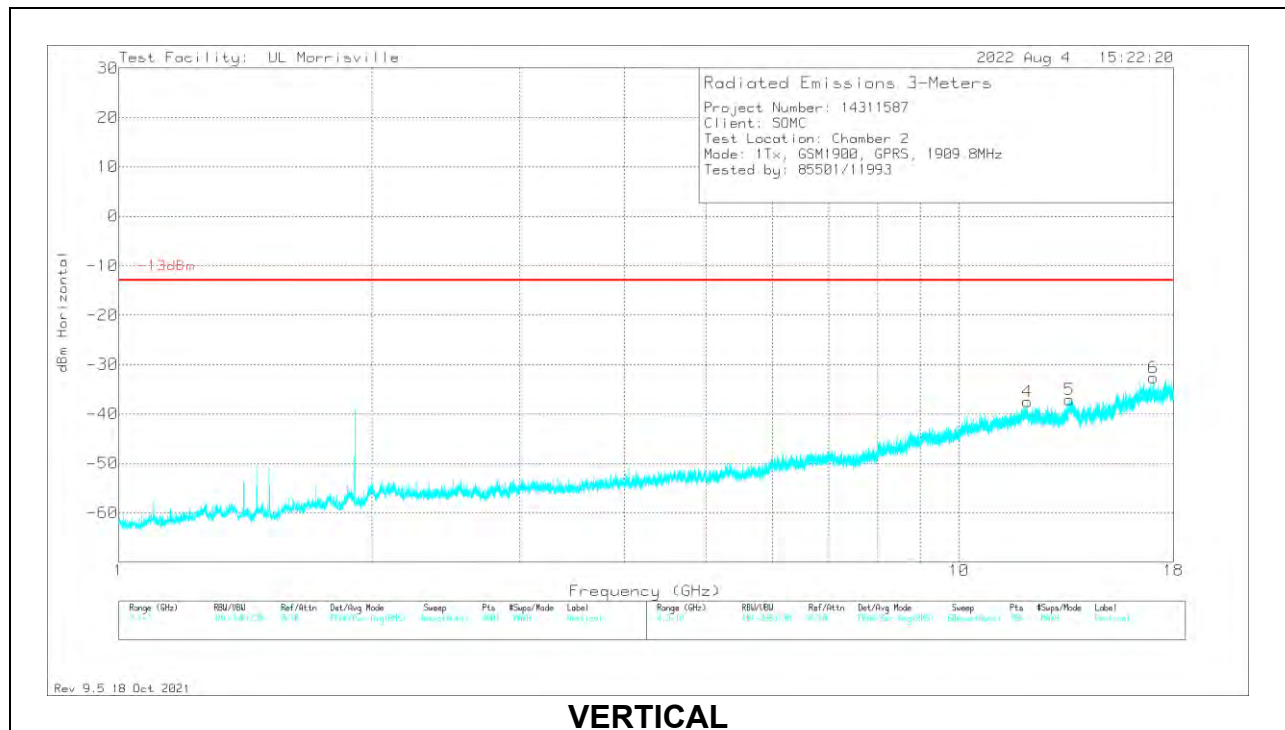
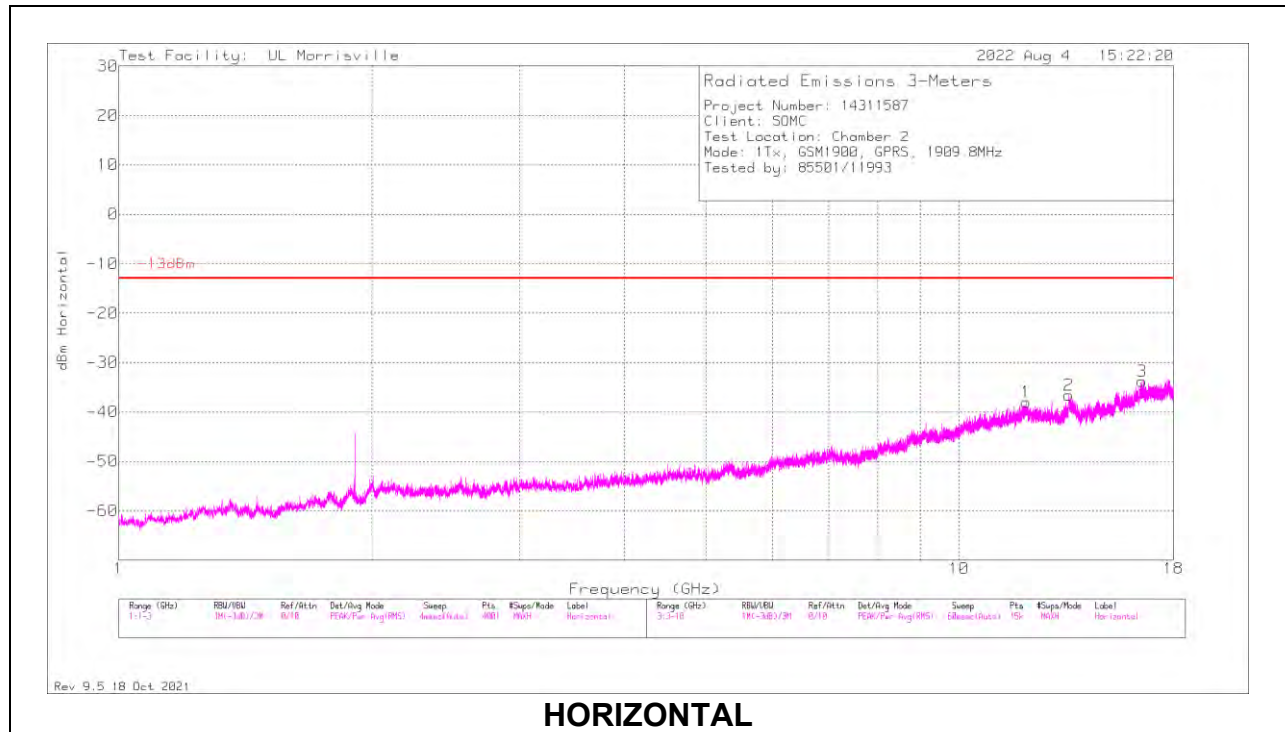


RADIATED EMISSIONS

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
4	12.051	-65.92	Pk	38.6	-22.9	11.8	0	-38.42	-13	-25.42	0-360	300	V
1	12.31	-65.9	Pk	38.8	-22.9	11.8	0	-38.2	-13	-25.2	0-360	300	H
5	13.534	-62.09	Pk	38.8	-24.3	11.8	0	-35.79	-13	-22.79	0-360	200	V
2	13.648	-62.69	Pk	38.7	-24.2	11.8	0	-36.39	-13	-23.39	0-360	200	H
3	17.273	-64.41	Pk	41.1	-21.8	11.8	0	-33.31	-13	-20.31	0-360	200	H
6	17.773	-66.04	Pk	41.2	-20.4	11.8	0	-33.44	-13	-20.44	0-360	200	V

Pk - Peak detector

HIGH CHANNEL RESULTS



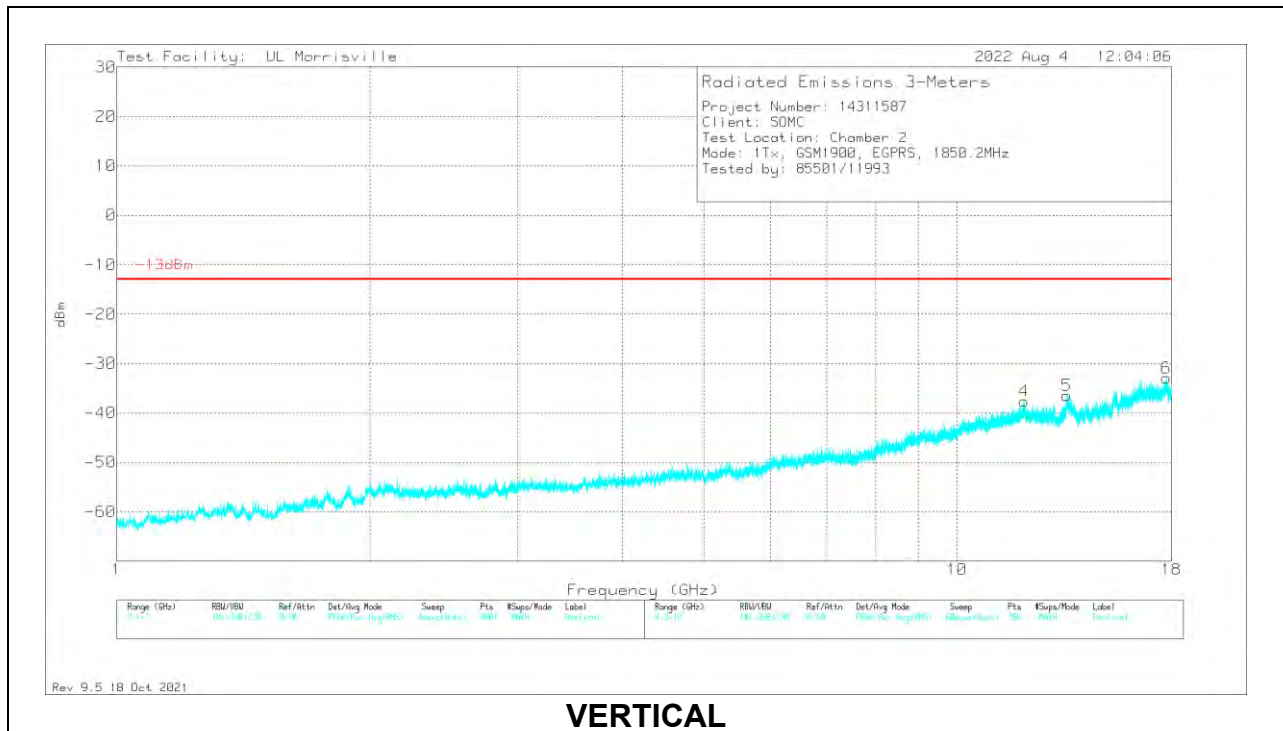
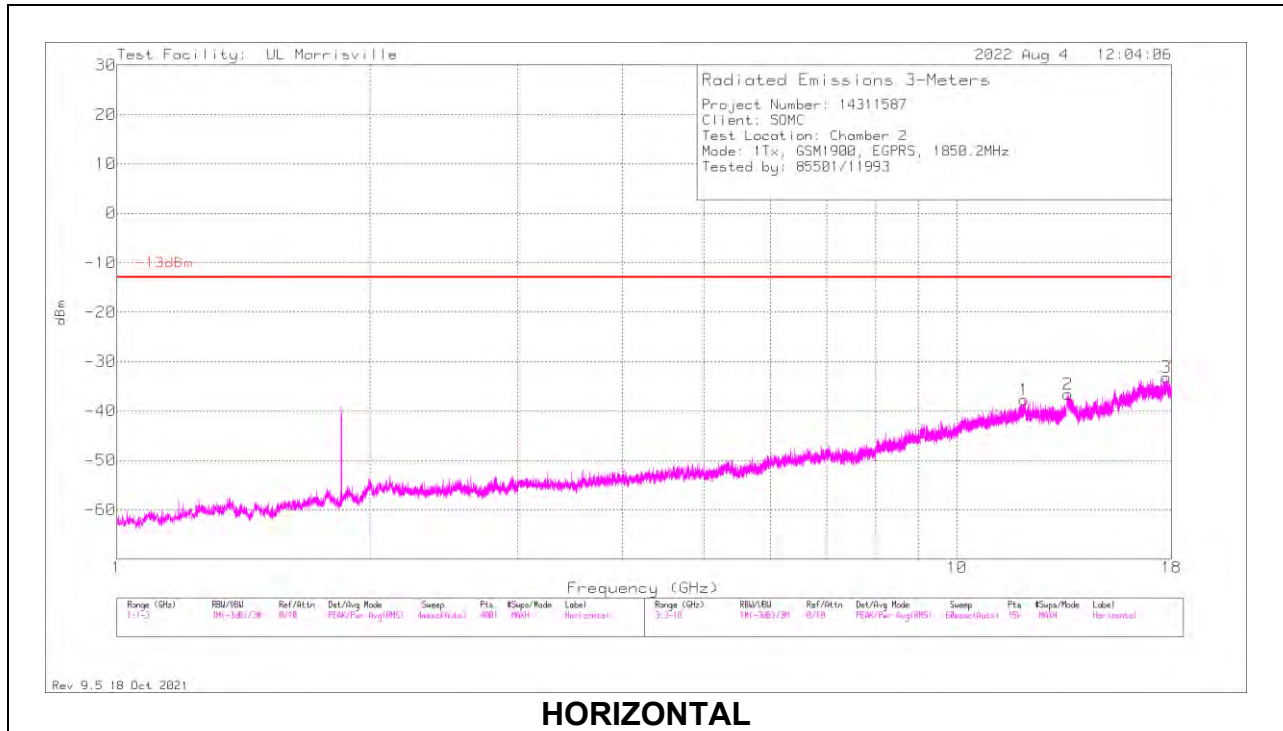
RADIATED EMISSIONS

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
1	12.022	-65.91	Pk	38.6	-22.5	11.8	0	-38.01	-13	-25.01	0-360	300	H
4	12.059	-65.11	Pk	38.6	-22.8	11.8	0	-37.51	-13	-24.51	0-360	101	V
2	13.507	-63.2	Pk	38.8	-24	11.8	0	-36.6	-13	-23.6	0-360	300	H
5	13.535	-63.44	Pk	38.8	-24.3	11.8	0	-37.14	-13	-24.14	0-360	200	V
3	16.52	-64.95	Pk	41.3	-22	11.8	0	-33.85	-13	-20.85	0-360	101	H
6	17.05	-64.68	Pk	41.6	-21.4	11.8	0	-32.68	-13	-19.68	0-360	300	V

Pk - Peak detector

EGPRS

LOW CHANNEL RESULTS

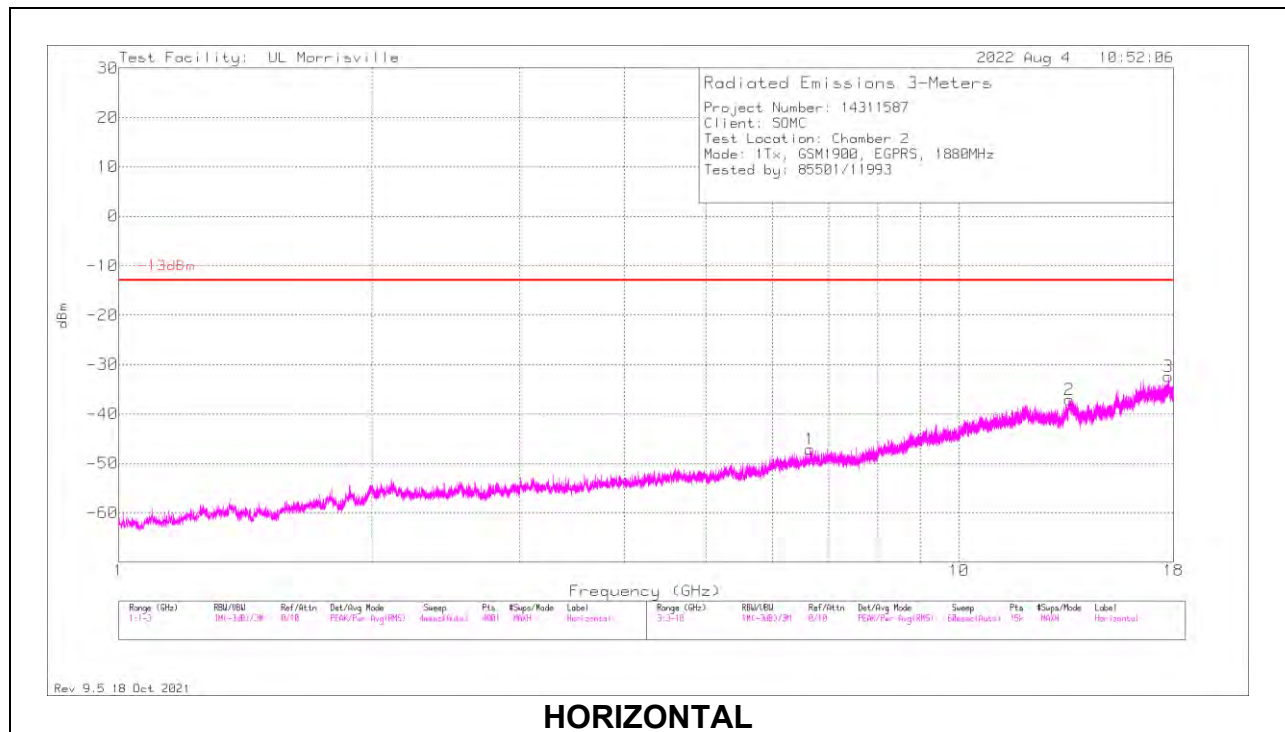


RADIATED EMISSIONS

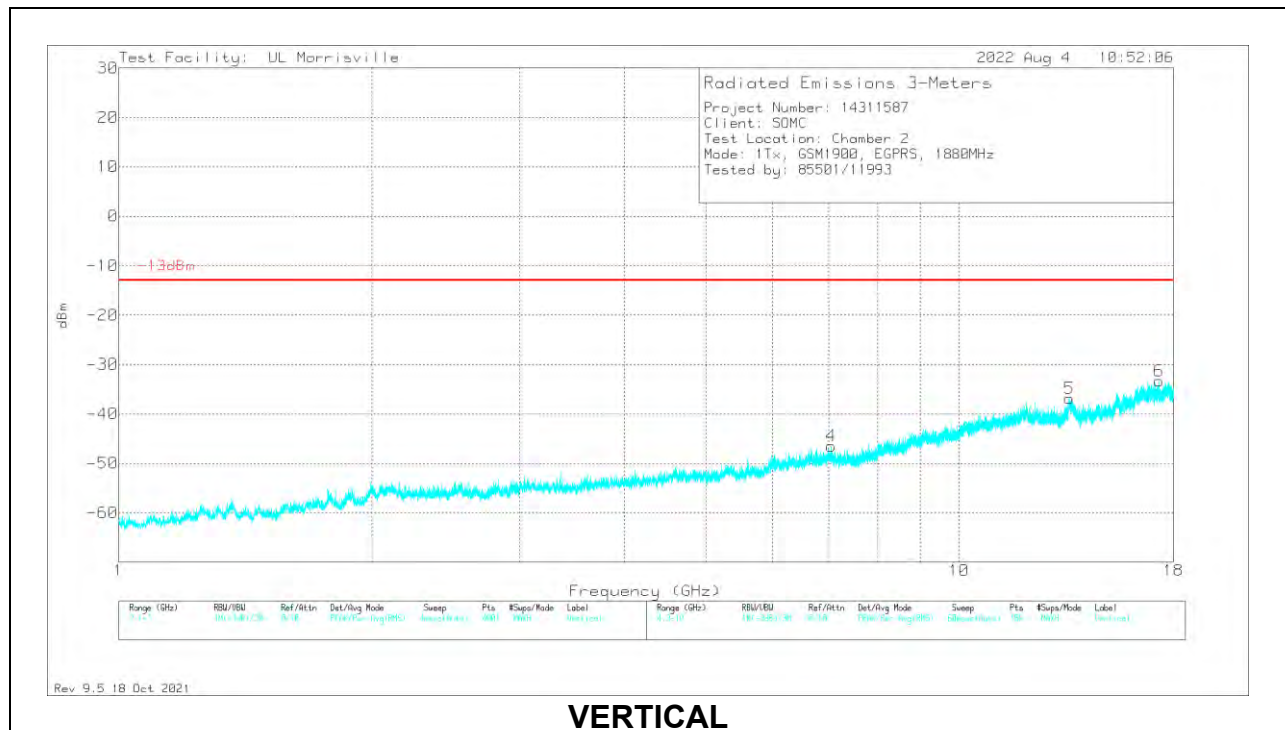
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	12.014	-65.09	Pk	38.6	-23.1	11.8	0	-37.79	-13	-24.79	0-360	199	H
4	12.027	-65.63	Pk	38.6	-22.4	11.8	0	-37.63	-13	-24.63	0-360	101	V
5	13.5	-63.3	Pk	38.8	-23.8	11.8	0	-36.5	-13	-23.5	0-360	101	V
2	13.552	-63.18	Pk	38.8	-24	11.8	0	-36.58	-13	-23.58	0-360	299	H
6	17.752	-65.29	Pk	41.2	-20.6	11.8	0	-32.89	-13	-19.89	0-360	101	V
3	17.754	-65.62	Pk	41.2	-20.6	11.8	0	-33.22	-13	-20.22	0-360	101	H

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



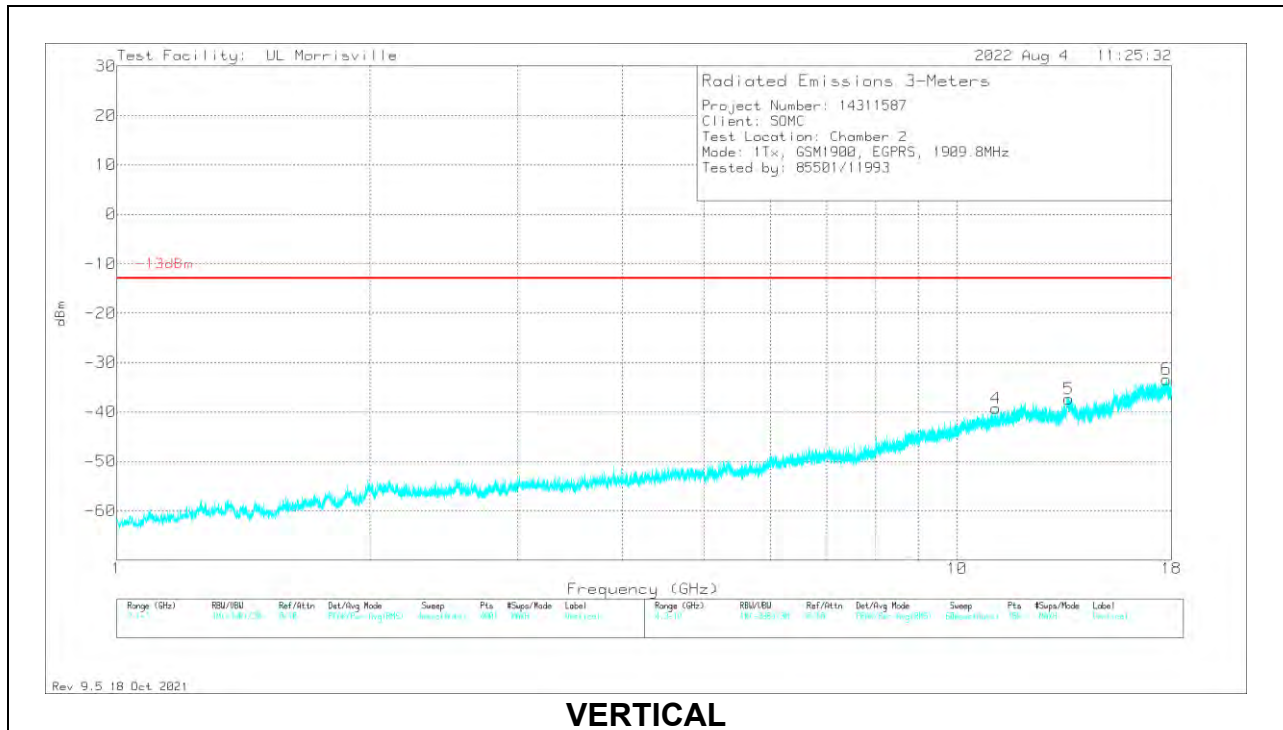
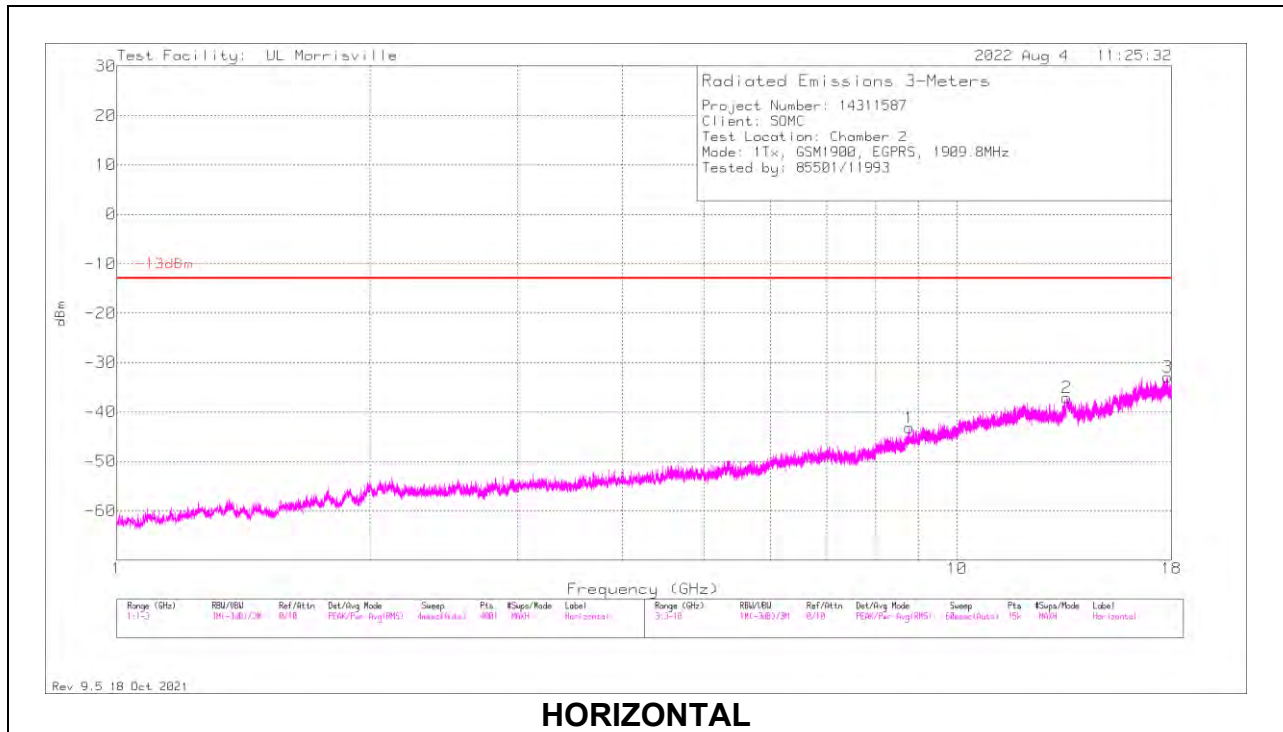
VERTICAL

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
1	6.65	-67.08	Pk	35.6	-27.5	11.8	0	-47.18	-13	-34.18	0-360	300	H
4	7.043	-66.39	Pk	35.6	-27.5	11.8	0	-46.49	-13	-33.49	0-360	300	V
5	13.528	-63.12	Pk	38.8	-24.3	11.8	0	-36.82	-13	-23.82	0-360	201	V
2	13.545	-63.62	Pk	38.8	-24.1	11.8	0	-37.12	-13	-24.12	0-360	101	H
6	17.297	-63.32	Pk	41.1	-22.9	11.8	0	-33.32	-13	-20.32	0-360	101	V
3	17.751	-64.75	Pk	41.2	-20.7	11.8	0	-32.45	-13	-19.45	0-360	199	H

Pk - Peak detector

HIGH CHANNEL RESULTS



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
1	8.777	-65.34	Pk	36	-25.7	11.8	0	-43.24	-13	-30.24	0-360	101	H
4	11.123	-65.22	Pk	37.8	-23.6	11.8	0	-39.22	-13	-26.22	0-360	200	V
2	13.506	-63.74	Pk	38.8	-24	11.8	0	-37.14	-13	-24.14	0-360	199	H
5	13.583	-63.21	Pk	38.7	-24.6	11.8	0	-37.31	-13	-24.31	0-360	101	V
6	17.755	-65.87	Pk	41.2	-20.5	11.8	0	-33.37	-13	-20.37	0-360	200	V
3	17.825	-65.28	Pk	41.2	-20.6	11.8	0	-32.88	-13	-19.88	0-360	199	H

Pk - Peak detector

11.1.3. WCDMA2

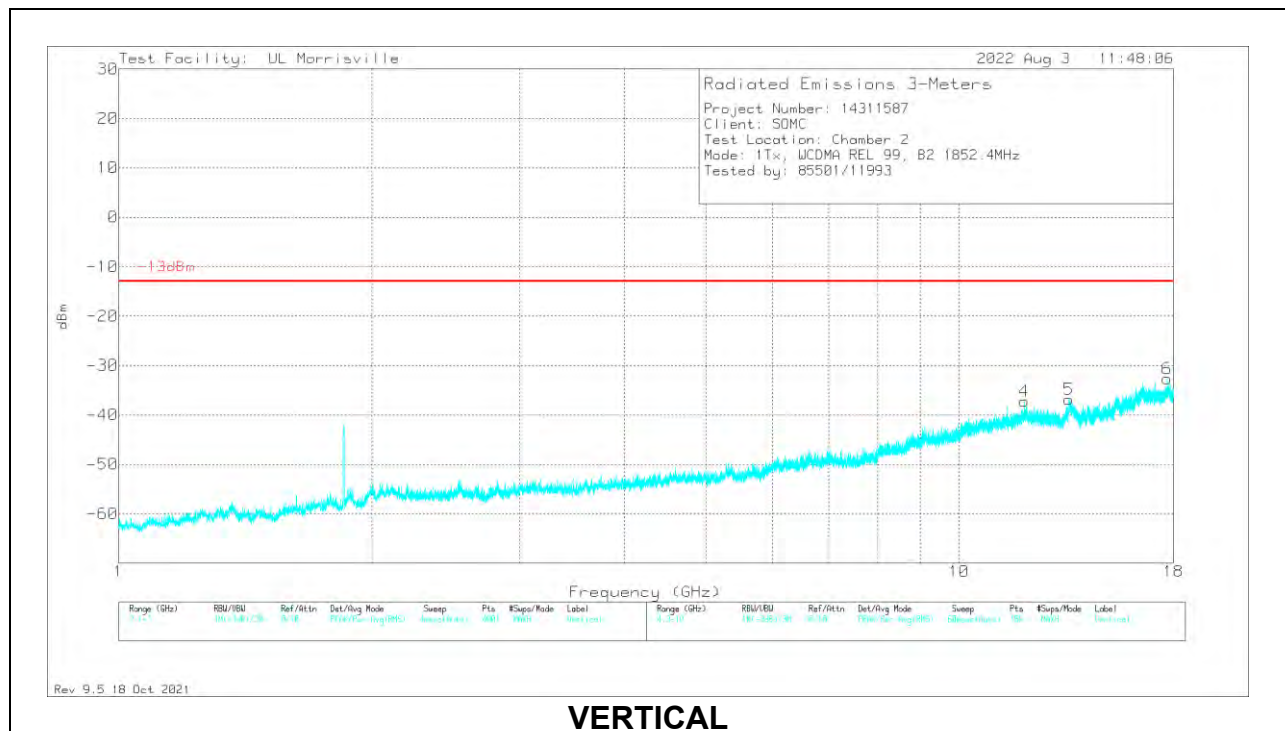
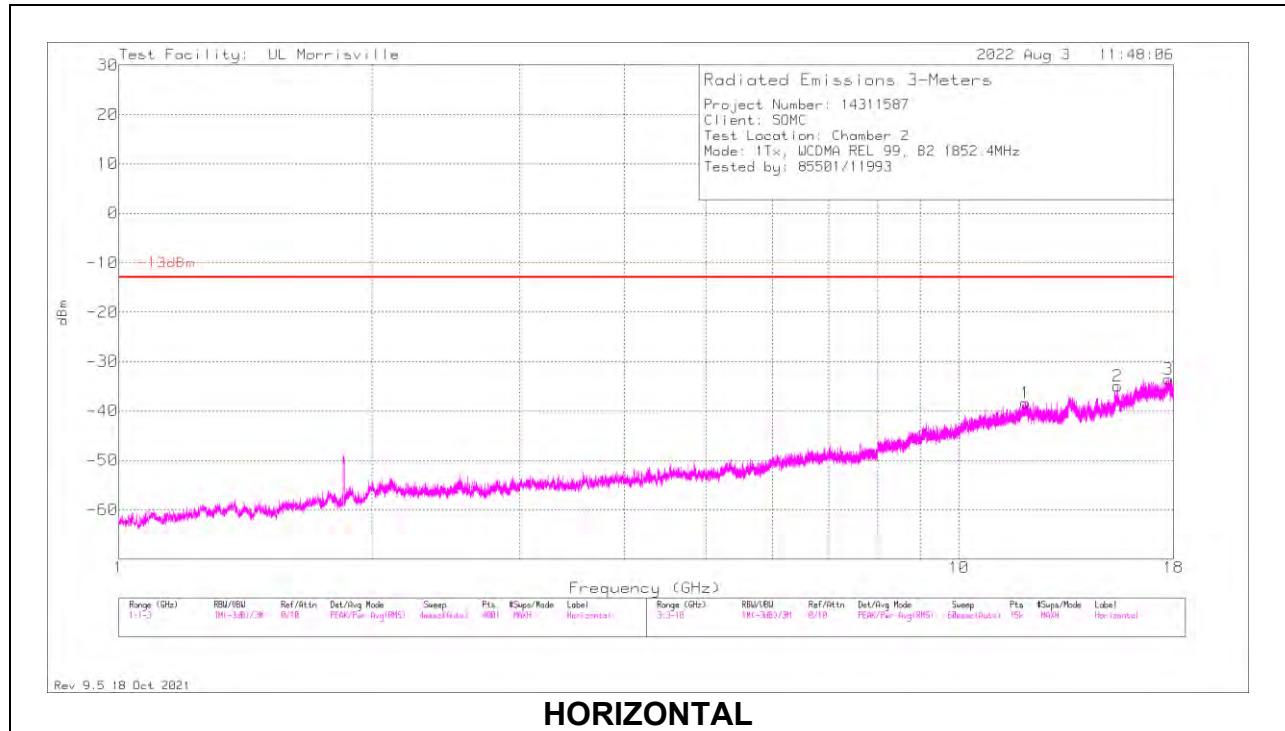
LIMITS

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

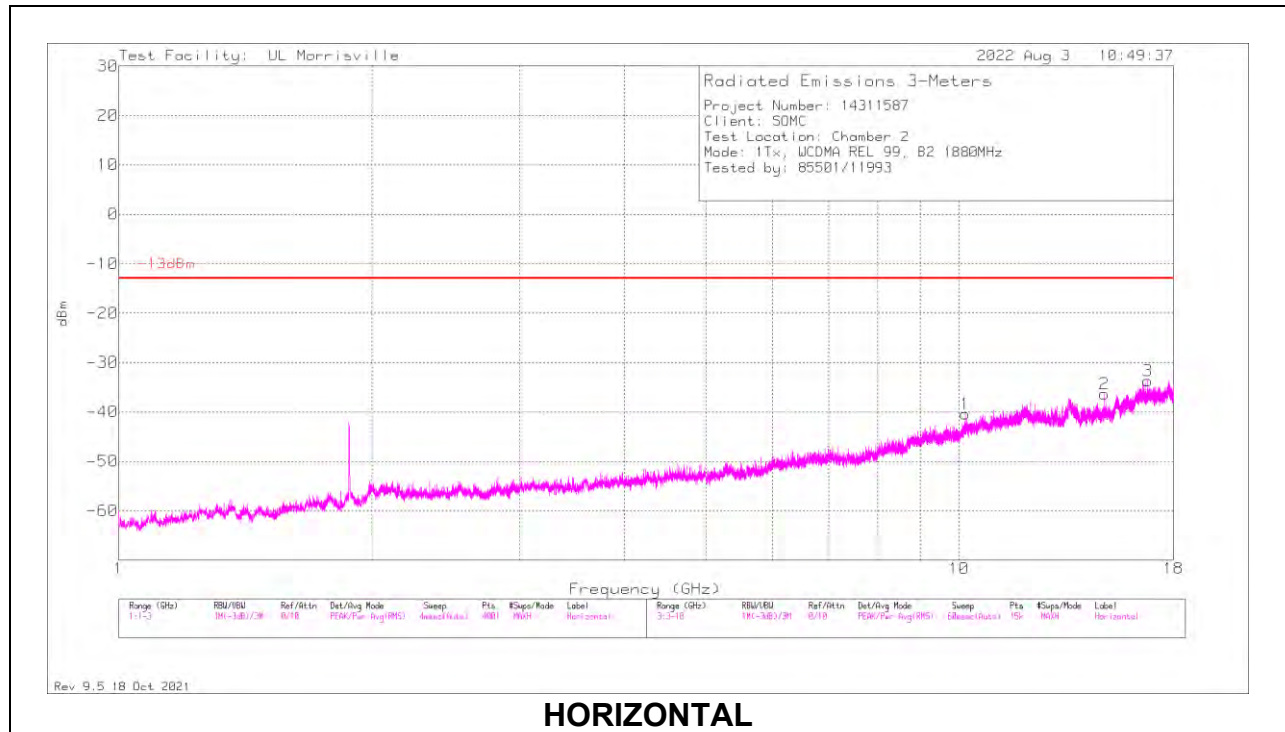


RADIATED EMISSIONS

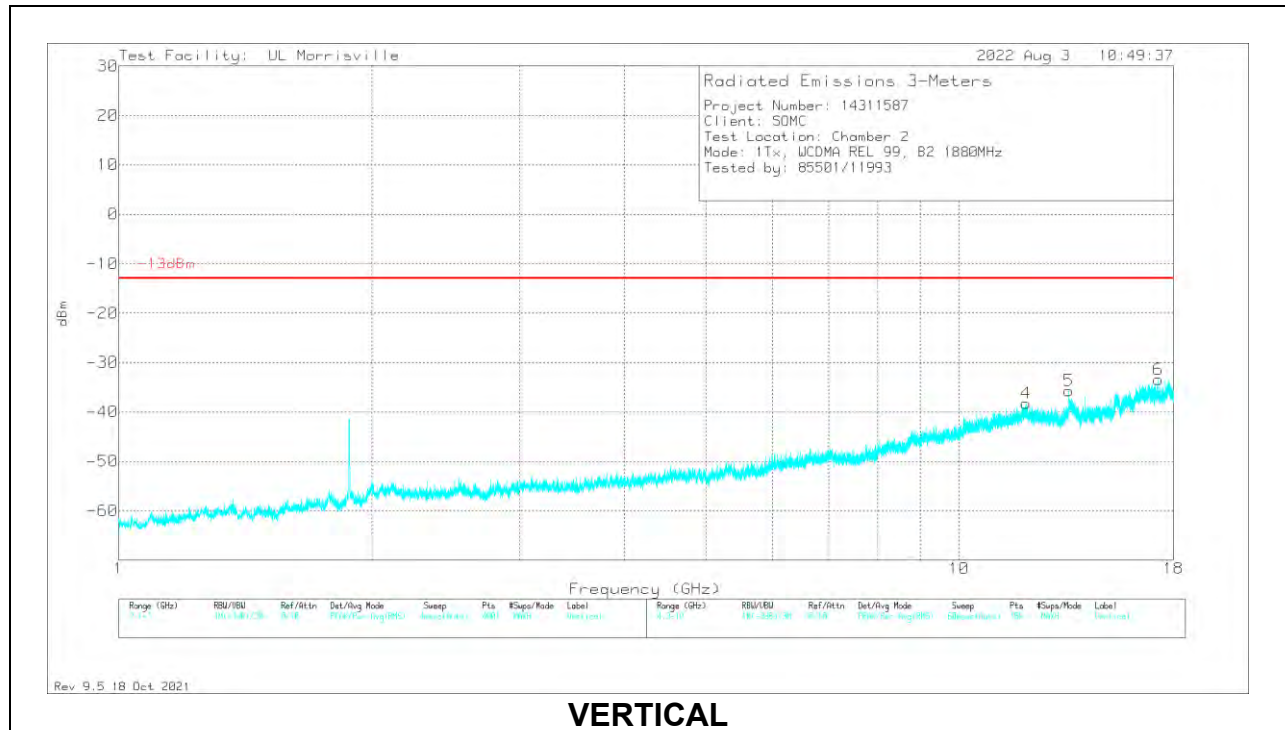
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	11.961	-64.14	Pk	38.5	-23.4	11.8	0	-37.24	-13	-24.24	0-360	101	V
1	11.999	-65.45	Pk	38.6	-23.3	11.8	0	-38.35	-13	-25.35	0-360	199	H
5	13.509	-63.44	Pk	38.8	-24	11.8	0	-36.84	-13	-23.84	0-360	101	V
2	15.445	-65.42	Pk	40.2	-21.5	11.8	0	-34.92	-13	-21.92	0-360	199	H
6	17.705	-64.36	Pk	41.2	-21.3	11.8	0	-32.66	-13	-19.66	0-360	200	V
3	17.751	-65.83	Pk	41.2	-20.7	11.8	0	-33.53	-13	-20.53	0-360	101	H

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



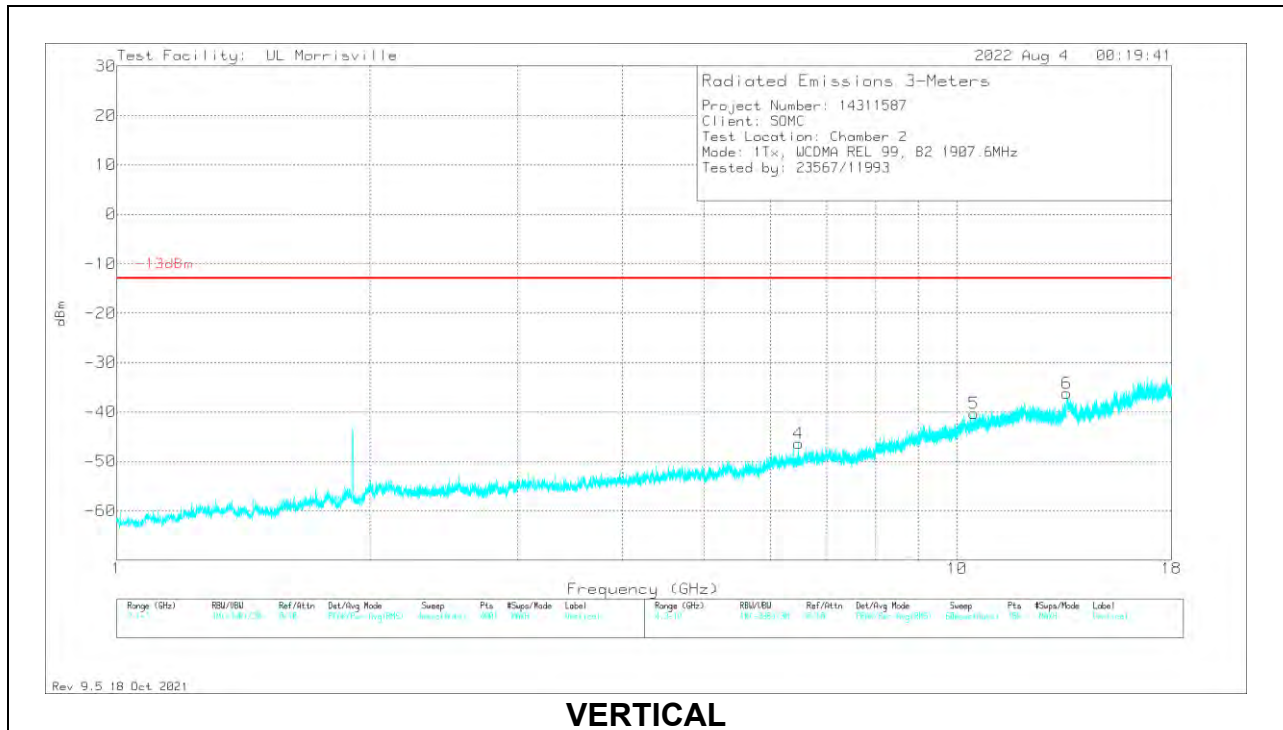
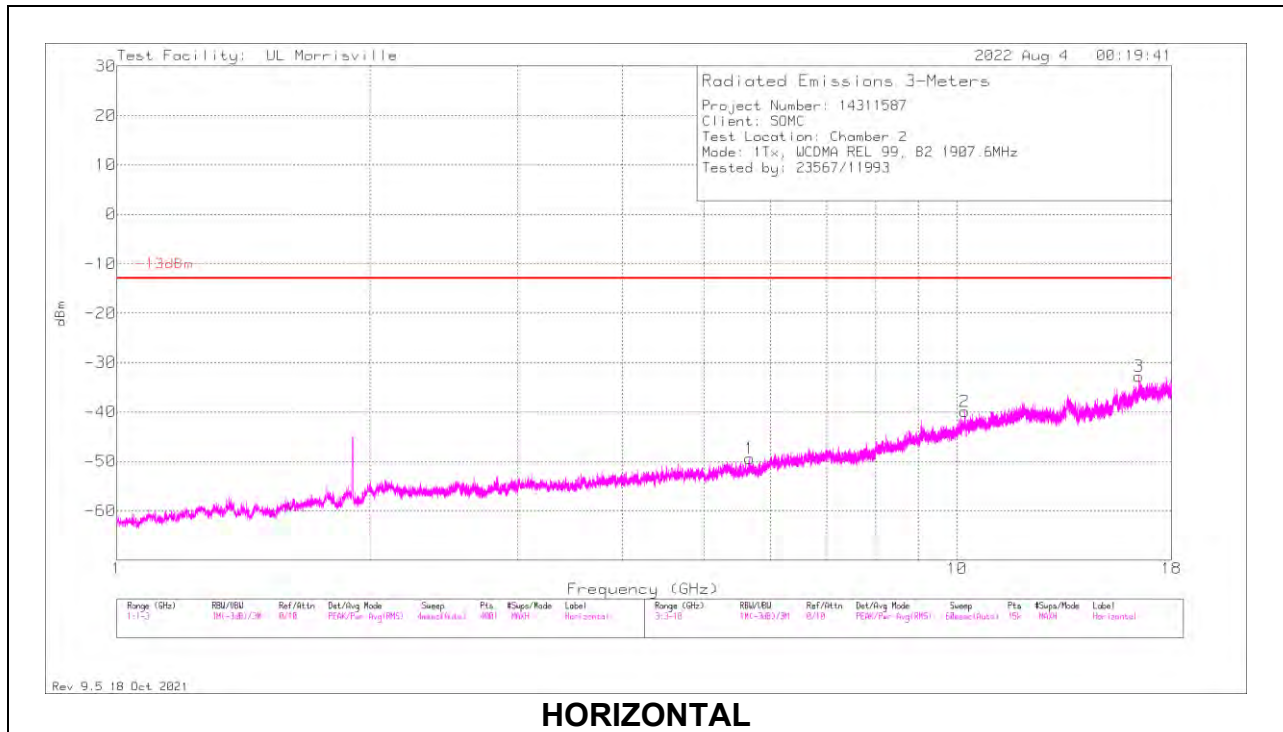
VERTICAL

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
1	10.182	-64.36	Pk	37.3	-25.1	11.8	0	-40.36	-13	-27.36	0-360	300	H
4	12.029	-66.1	Pk	38.6	-22.6	11.8	0	-38.3	-13	-25.3	0-360	101	V
5	13.509	-62.37	Pk	38.8	-24	11.8	0	-35.77	-13	-22.77	0-360	300	V
2	14.904	-65.57	Pk	39.6	-22.2	11.8	0	-36.37	-13	-23.37	0-360	300	H
3	16.775	-64.27	Pk	41.8	-23	11.8	0	-33.67	-13	-20.67	0-360	199	H
6	17.278	-64.43	Pk	41.1	-21.9	11.8	0	-33.43	-13	-20.43	0-360	101	V

Pk - Peak detector

HIGH CHANNEL RESULTS



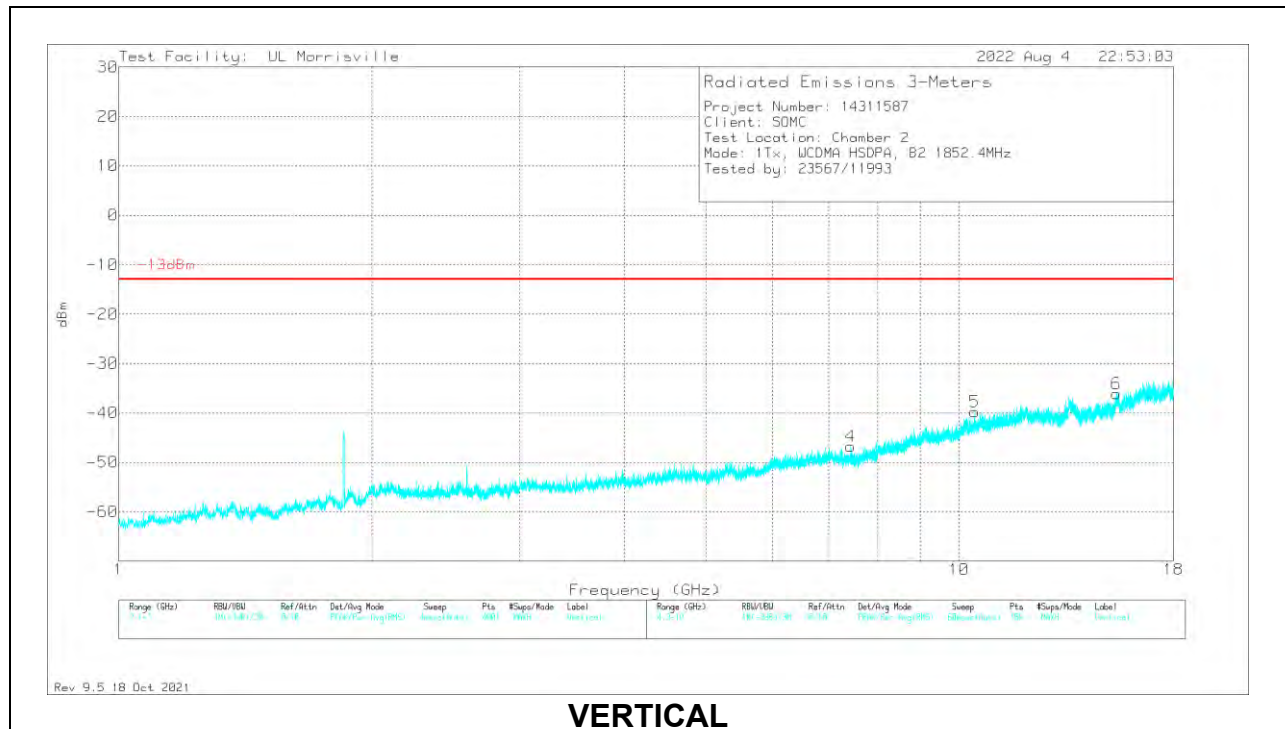
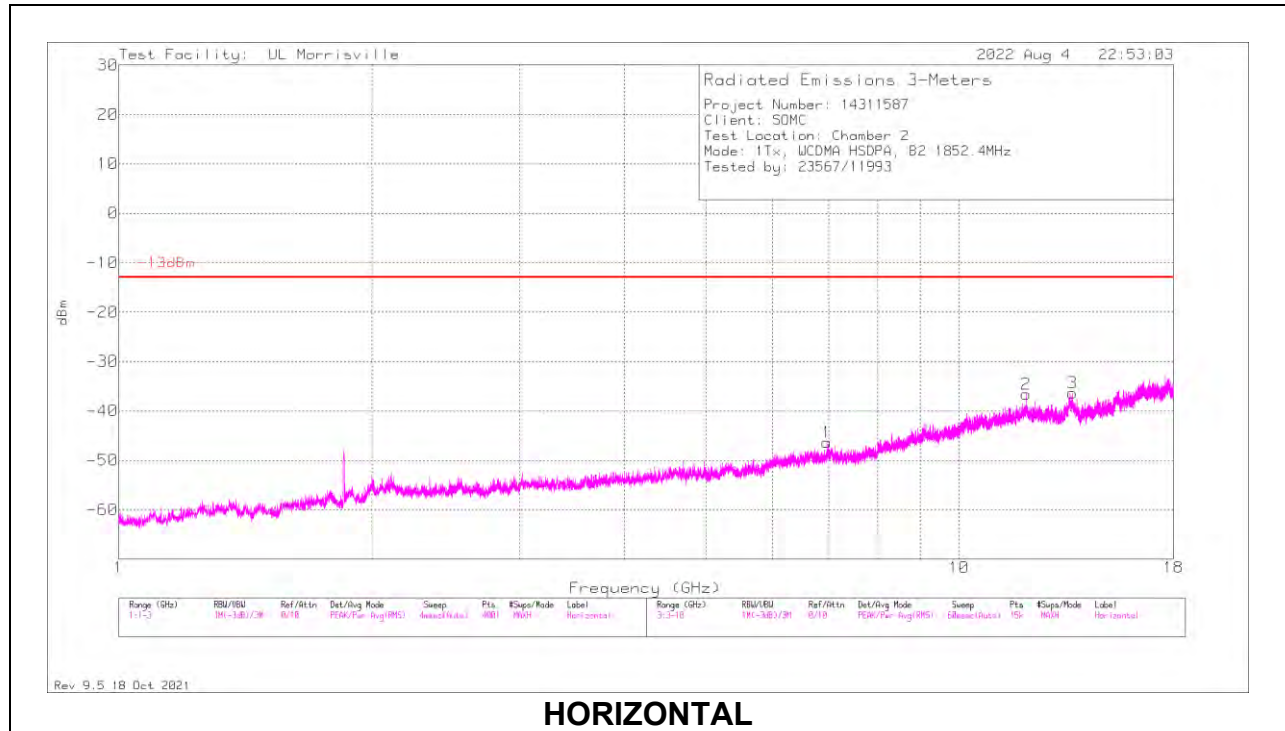
RADIATED EMISSIONS

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
1	5.668	-66.83	Pk	34.5	-28.9	11.8	0	-49.43	-13	-36.43	0-360	101	H
4	6.475	-65.19	Pk	35.6	-28.6	11.8	0	-46.39	-13	-33.39	0-360	101	V
2	10.205	-64.84	Pk	37.3	-24.2	11.8	0	-39.94	-13	-26.94	0-360	300	H
5	10.479	-65.14	Pk	37.5	-24.4	11.8	0	-40.24	-13	-27.24	0-360	101	V
6	13.514	-62.76	Pk	38.8	-24.1	11.8	0	-36.26	-13	-23.26	0-360	101	V
3	16.468	-63.89	Pk	41.2	-21.9	11.8	0	-32.79	-13	-19.79	0-360	300	H

Pk - Peak detector

HSDPA

LOW CHANNEL RESULTS

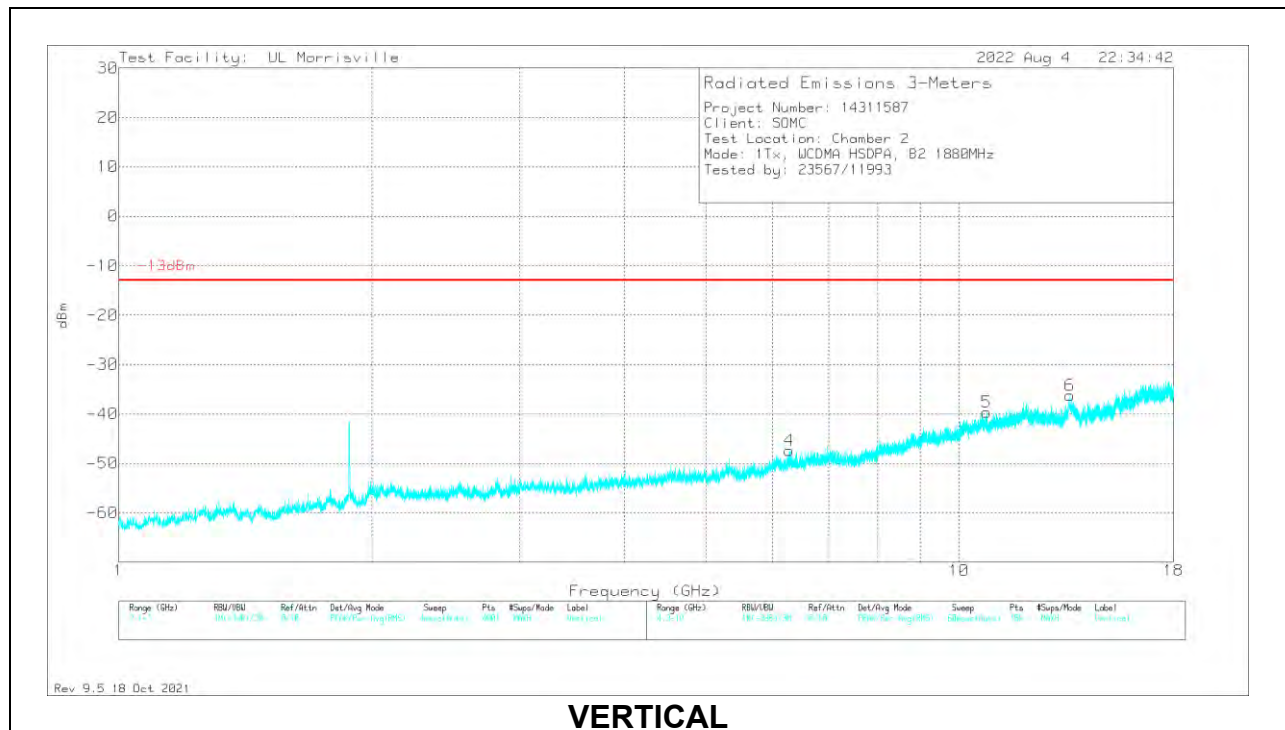
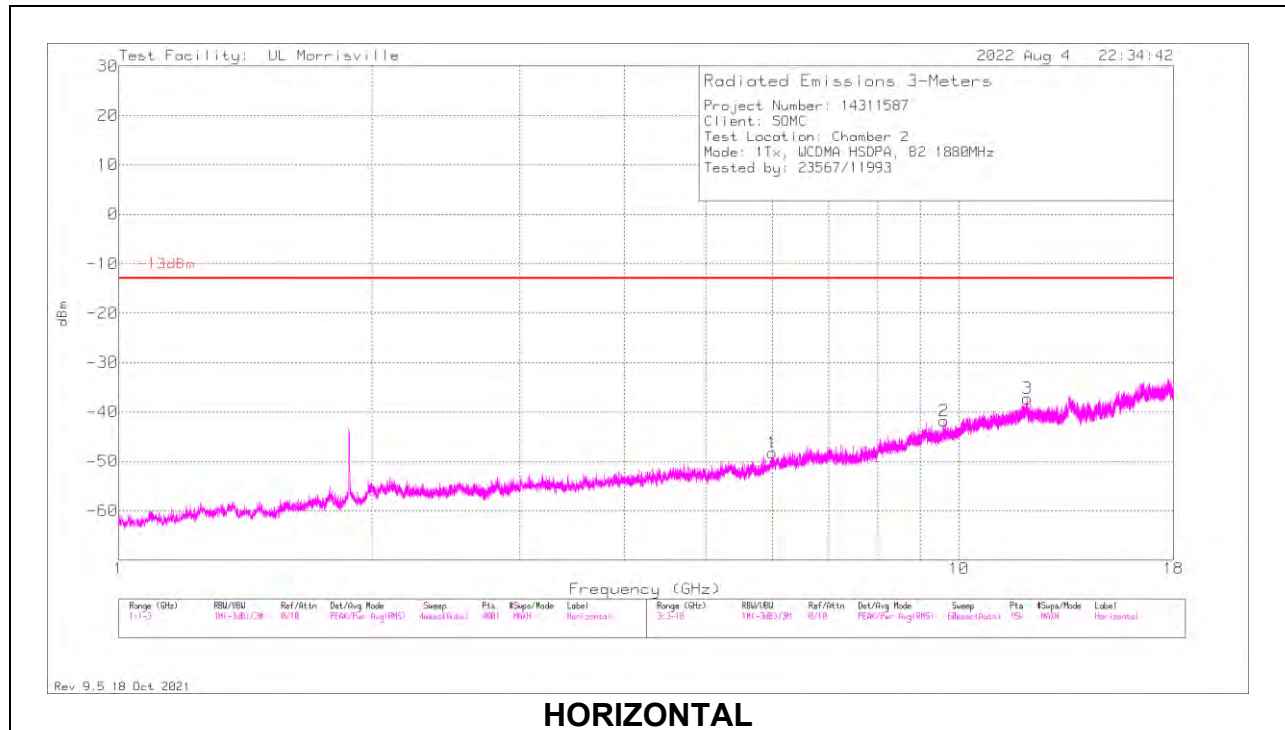


RADIATED EMISSIONS

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
1	6.962	-66.04	Pk	35.6	-27.7	11.8	0	-46.34	-13	-33.34	0-360	300	H
4	7.428	-66.73	Pk	35.6	-27.4	11.8	0	-46.73	-13	-33.73	0-360	300	V
5	10.437	-65.15	Pk	37.4	-23.8	11.8	0	-39.75	-13	-26.75	0-360	300	V
2	12.026	-64.72	Pk	38.6	-22.3	11.8	0	-36.62	-13	-23.62	0-360	300	H
3	13.656	-62.88	Pk	38.7	-24	11.8	0	-36.38	-13	-23.38	0-360	100	H
6	15.383	-66.76	Pk	40.1	-21.2	11.8	0	-36.06	-13	-23.06	0-360	101	V

Pk - Peak detector

MID CHANNEL RESULTS

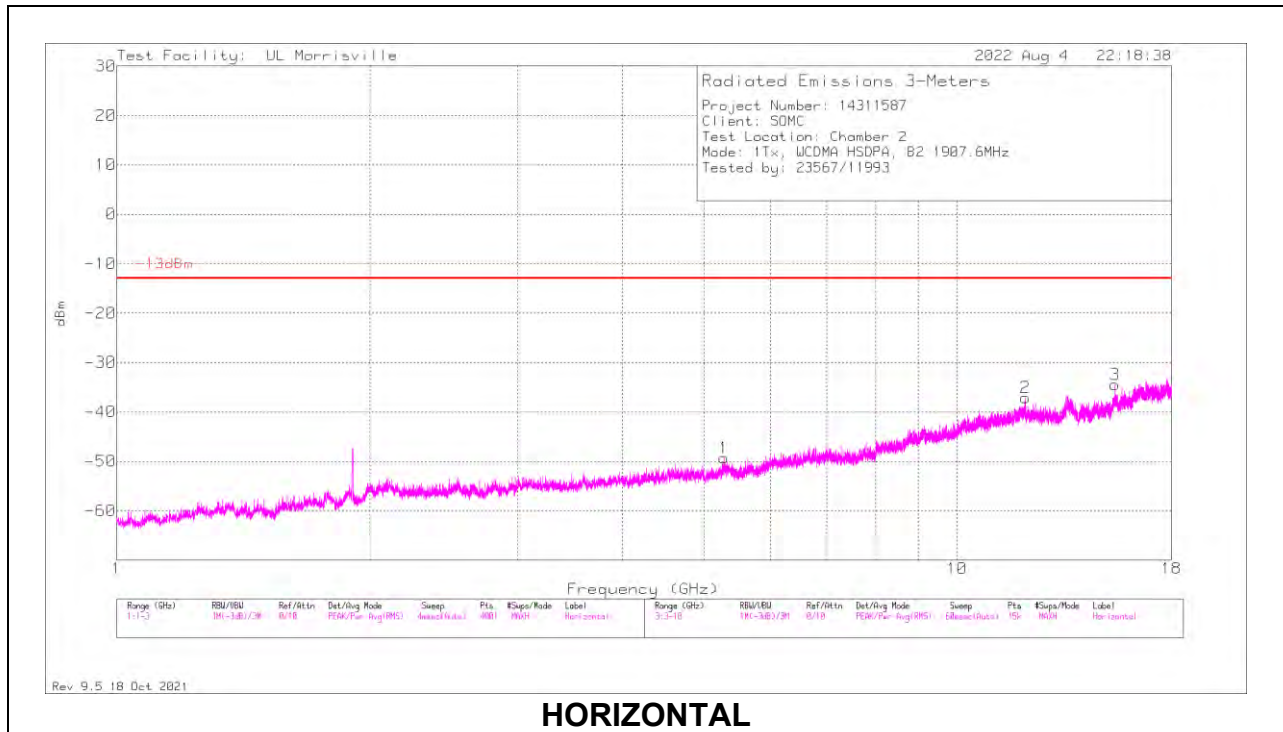


RADIATED EMISSIONS

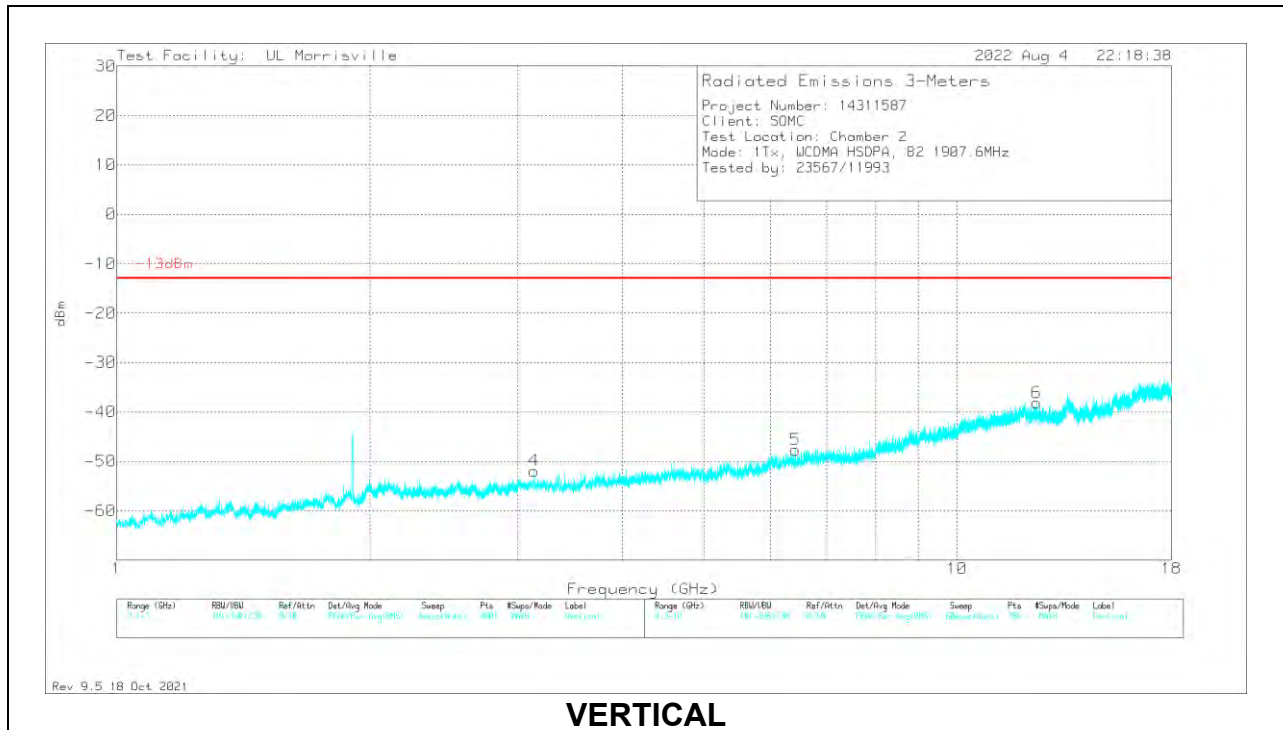
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6	-67.55	Pk	35.1	-27.6	11.8	0	-48.25	-13	-35.25	0-360	299	H
4	6.286	-67.23	Pk	35.4	-27.4	11.8	0	-47.43	-13	-34.43	0-360	101	V
2	9.605	-65.12	Pk	36.7	-25.2	11.8	0	-41.82	-13	-28.82	0-360	101	H
5	10.797	-64.81	Pk	37.7	-24.3	11.8	0	-39.61	-13	-26.61	0-360	199	V
3	12.056	-64.9	Pk	38.6	-22.8	11.8	0	-37.3	-13	-24.3	0-360	299	H
6	13.553	-62.74	Pk	38.8	-24.1	11.8	0	-36.24	-13	-23.24	0-360	299	V

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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
4	3.137	-64.1	Pk	32.9	-32.5	11.8	0	-51.9	-13	-38.9	0-360	200	V
1	5.283	-66.78	Pk	34.5	-28.8	11.8	0	-49.28	-13	-36.28	0-360	199	H
5	6.421	-66.91	Pk	35.6	-28.2	11.8	0	-47.71	-13	-34.71	0-360	101	V
2	12.059	-64.74	Pk	38.6	-22.8	11.8	0	-37.14	-13	-24.14	0-360	299	H
6	12.436	-64.52	Pk	38.9	-24.3	11.8	0	-38.12	-13	-25.12	0-360	299	V
3	15.421	-65.04	Pk	40.1	-21.3	11.8	0	-34.44	-13	-21.44	0-360	101	H

Pk - Peak detector

11.1.4. WCDMA4

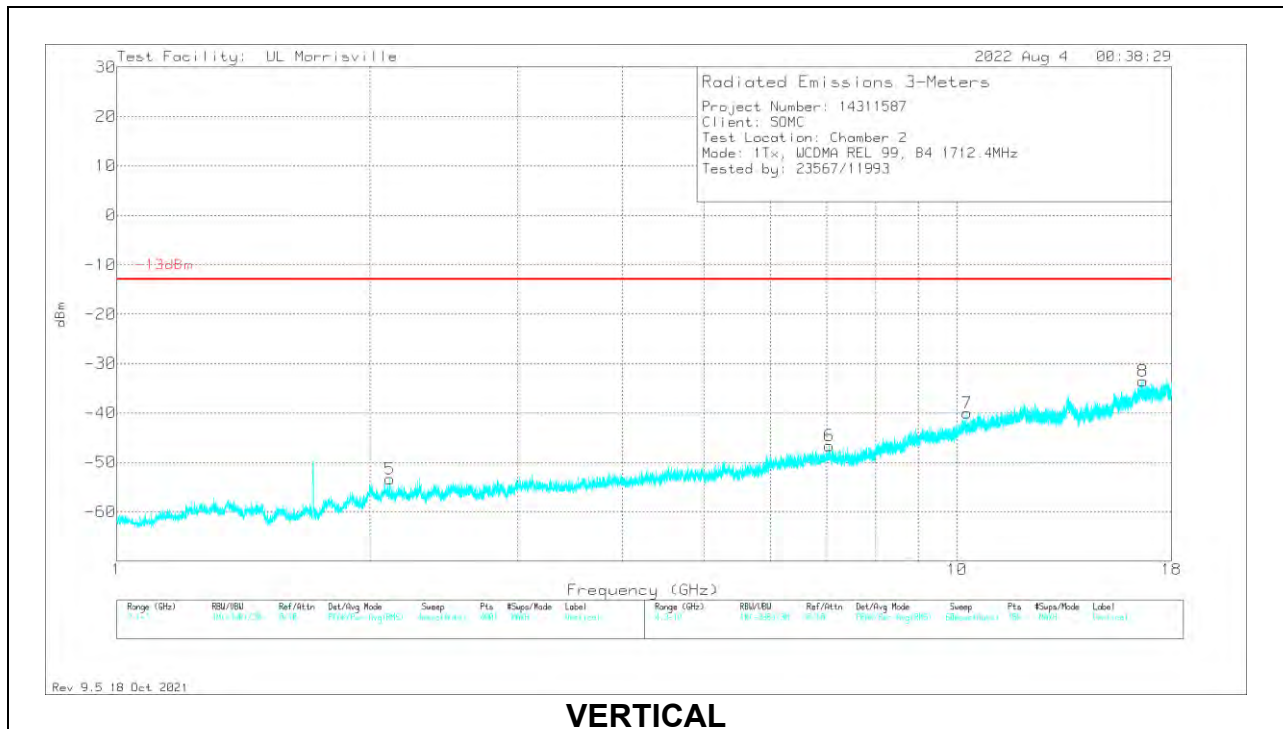
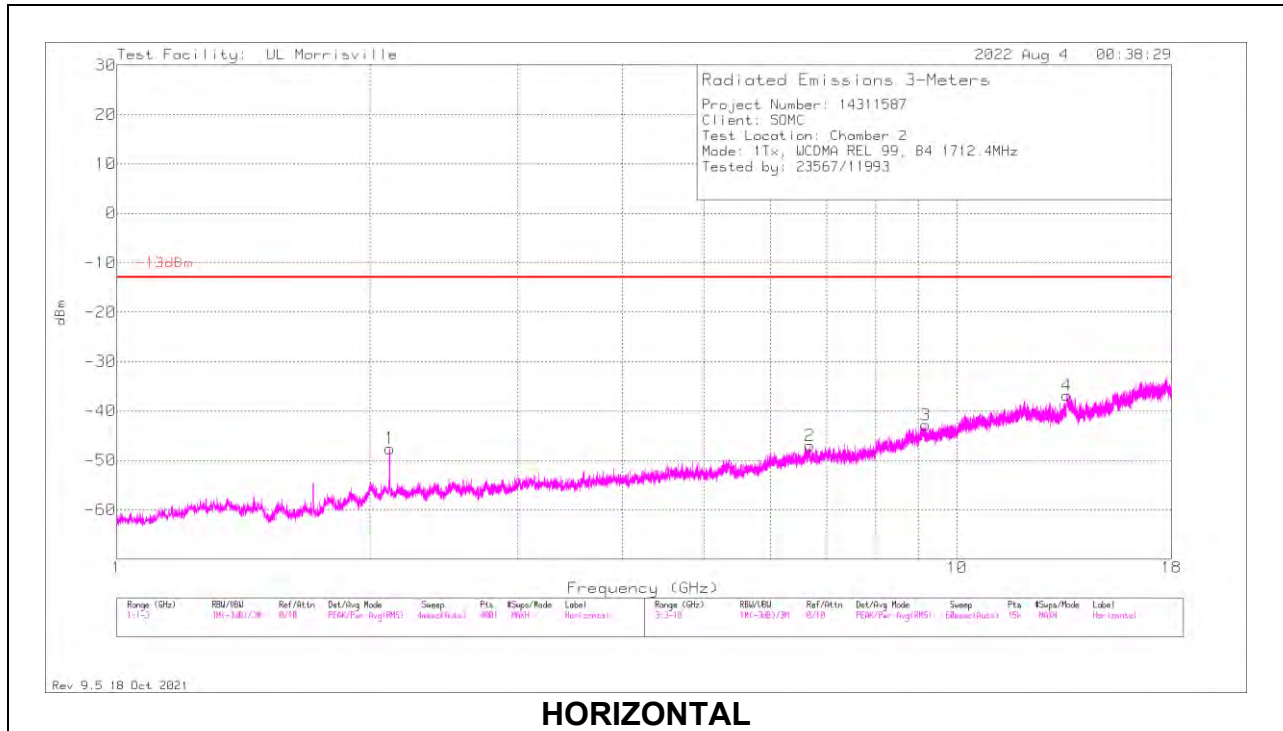
LIMITS

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



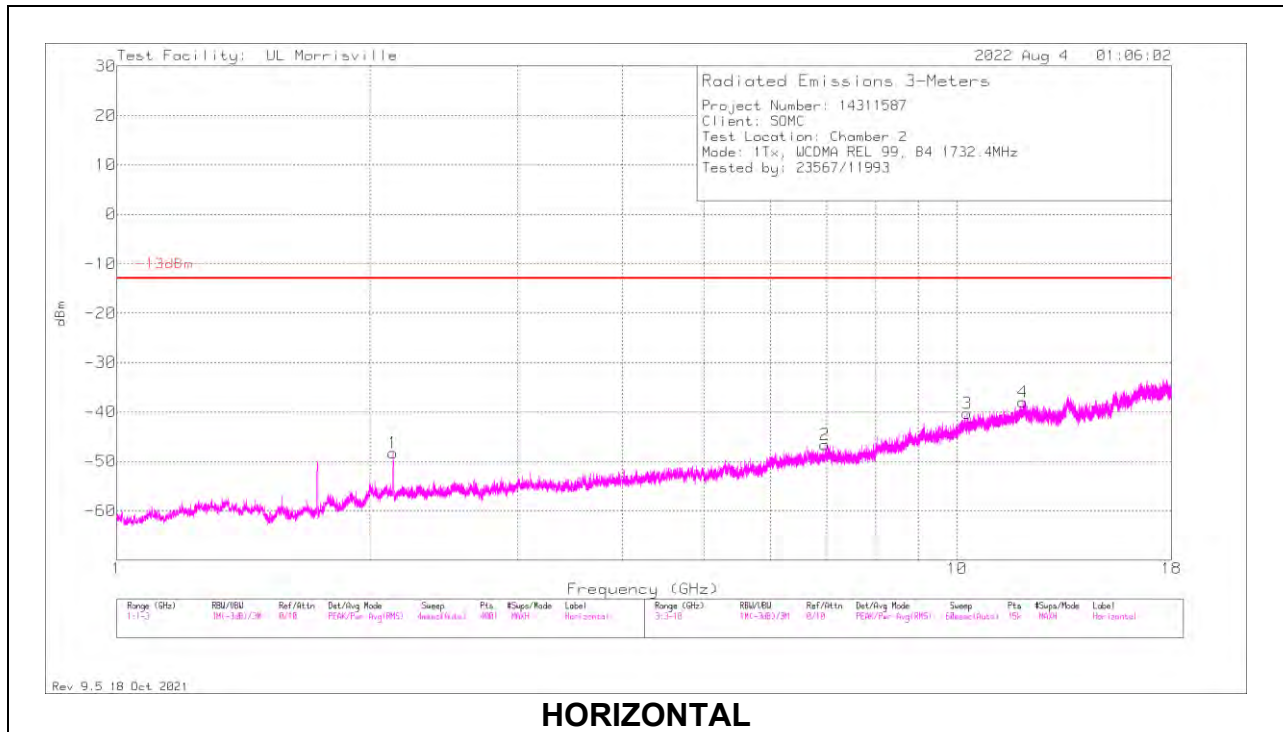
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5 (DL)	2.1125	-63.62	Pk	31.4	-33.9	11.8	1	-53.32	-13	-40.32	0-360	299	V
1 (DL)	2.1135	-57.79	Pk	31.4	-34	11.8	1	-47.59	-13	-34.59	0-360	101	H
2	6.684	-66.96	Pk	35.6	-27.5	11.8	0	-47.06	-13	-34.06	0-360	101	H
6	7.048	-66.76	Pk	35.6	-27.3	11.8	0	-46.66	-13	-33.66	0-360	101	V
3	9.177	-65	Pk	36.3	-25.9	11.8	0	-42.8	-13	-29.8	0-360	101	H
7	10.282	-65.24	Pk	37.3	-23.9	11.8	0	-40.04	-13	-27.04	0-360	299	V
4	13.519	-63.28	Pk	38.8	-24.2	11.8	0	-36.88	-13	-23.88	0-360	200	H
8	16.646	-64.35	Pk	41.7	-22.7	11.8	0	-33.55	-13	-20.55	0-360	101	V

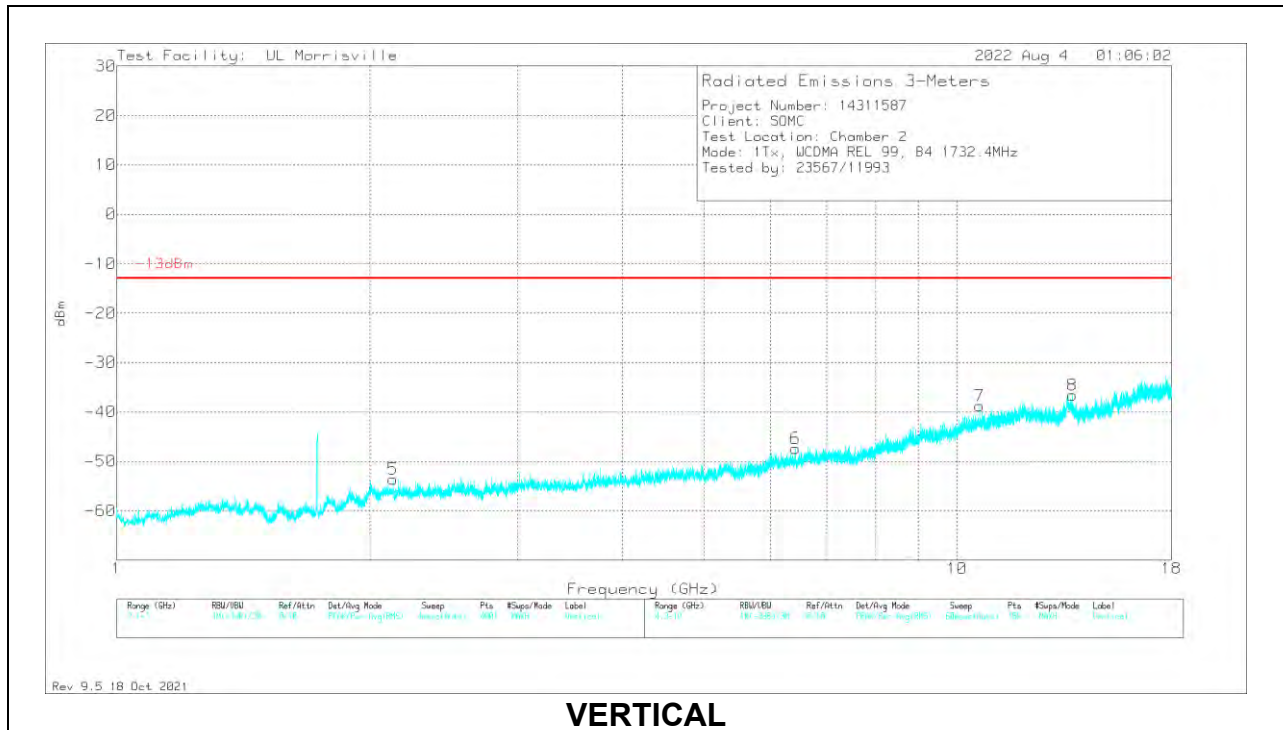
Pk - Peak detector

DL – Downlink

MID CHANNEL RESULTS



HORIZONTAL



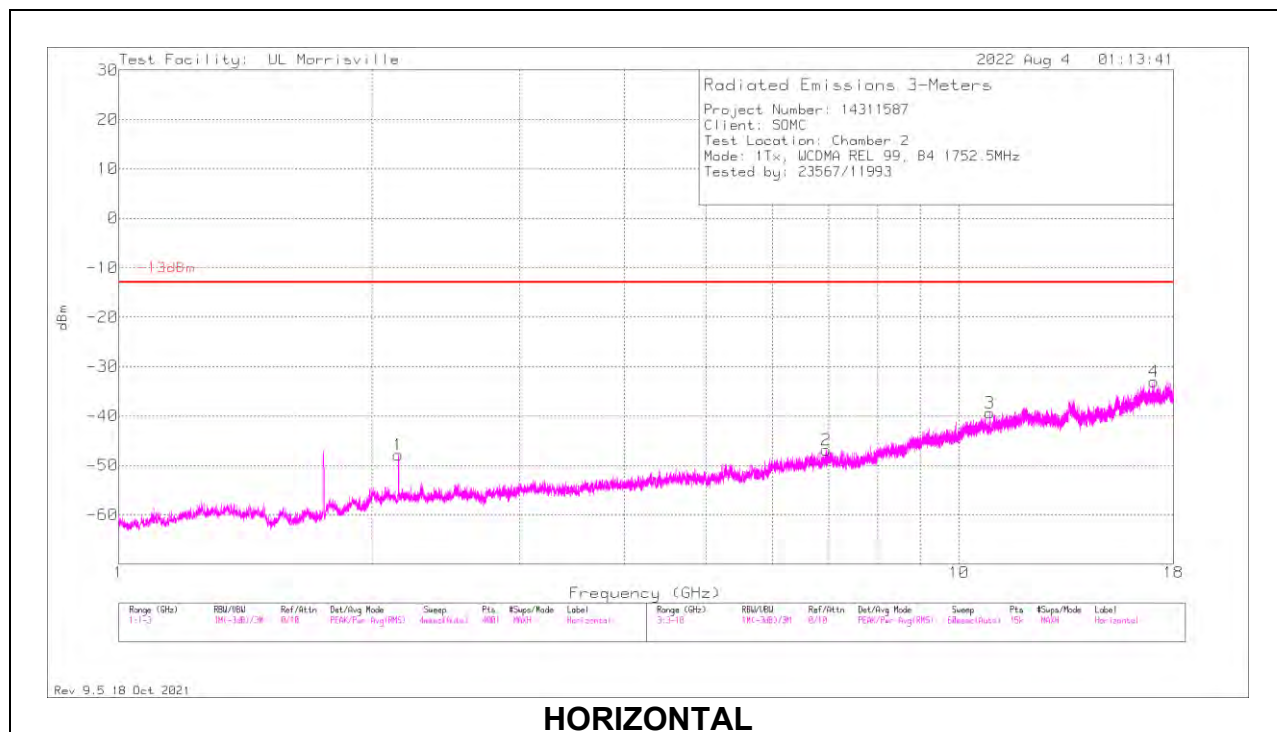
VERTICAL

RADIATED EMISSIONS

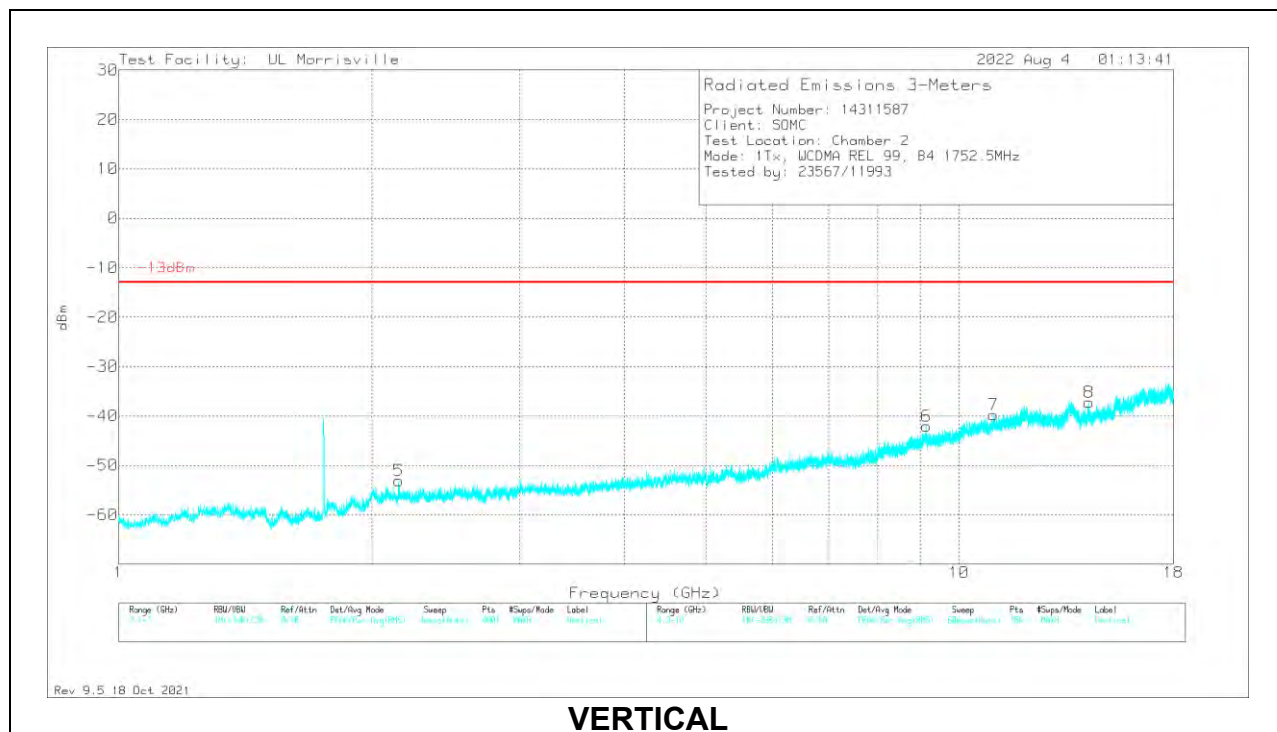
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5 (DL)	2.1315	-63.7	Pk	31.4	-34.1	11.8	1	-53.6	-13	-40.6	0-360	300	V
1 (DL)	2.132	-58.36	Pk	31.4	-34.1	11.8	1	-48.26	-13	-35.26	0-360	199	H
6	6.426	-66.62	Pk	35.6	-28.2	11.8	0	-47.42	-13	-34.42	0-360	300	V
2	6.964	-66.41	Pk	35.6	-27.6	11.8	0	-46.61	-13	-33.61	0-360	199	H
3	10.283	-65.52	Pk	37.3	-23.9	11.8	0	-40.32	-13	-27.32	0-360	101	H
7	10.641	-64.82	Pk	37.6	-23.4	11.8	0	-38.82	-13	-25.82	0-360	101	V
4	11.975	-65.22	Pk	38.6	-23.2	11.8	0	-38.02	-13	-25.02	0-360	300	H
8	13.727	-62.77	Pk	38.7	-24.3	11.8	0	-36.57	-13	-23.57	0-360	300	V

Pk - Peak detector
DL – Downlink

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

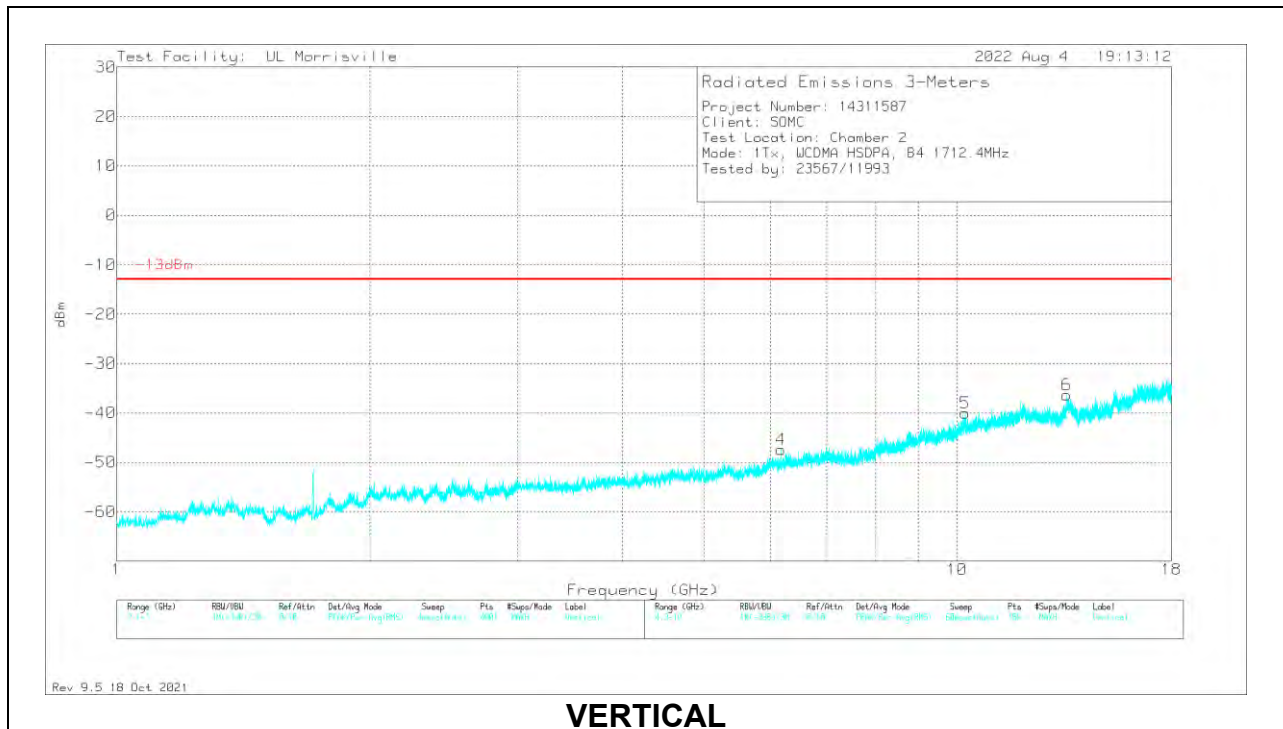
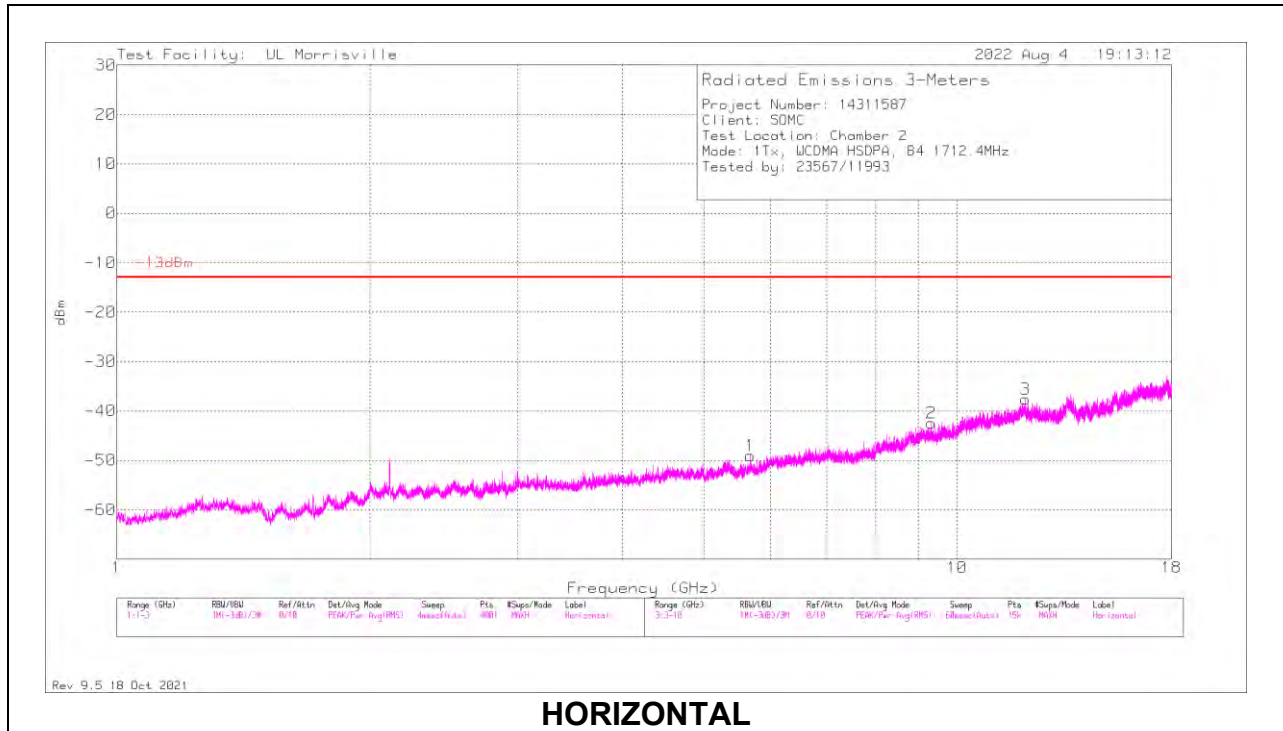
RADIATED EMISSIONS

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
1 (DL)	2.1515	-57.96	Pk	31.5	-34.2	11.8	1	-47.86	-13	-34.86	0-360	101	H
5 (DL)	2.153	-63.18	Pk	31.5	-34.2	11.8	1	-53.08	-13	-40.08	0-360	300	V
2	6.951	-66.58	Pk	35.6	-27.7	11.8	0	-46.88	-13	-33.88	0-360	299	H
6	9.144	-64.75	Pk	36.2	-25.3	11.8	0	-42.05	-13	-29.05	0-360	200	V
3	10.89	-65	Pk	37.7	-23.9	11.8	0	-39.4	-13	-26.4	0-360	200	H
7	10.992	-66.12	Pk	37.7	-23.2	11.8	0	-39.82	-13	-26.82	0-360	200	V
8	14.286	-65.39	Pk	39.1	-22.7	11.8	0	-37.19	-13	-24.19	0-360	101	V
4	17.053	-65.3	Pk	41.6	-21.2	11.8	0	-33.1	-13	-20.1	0-360	200	H

Pk - Peak detector
DL – Downlink

HSDPA

LOW CHANNEL RESULTS

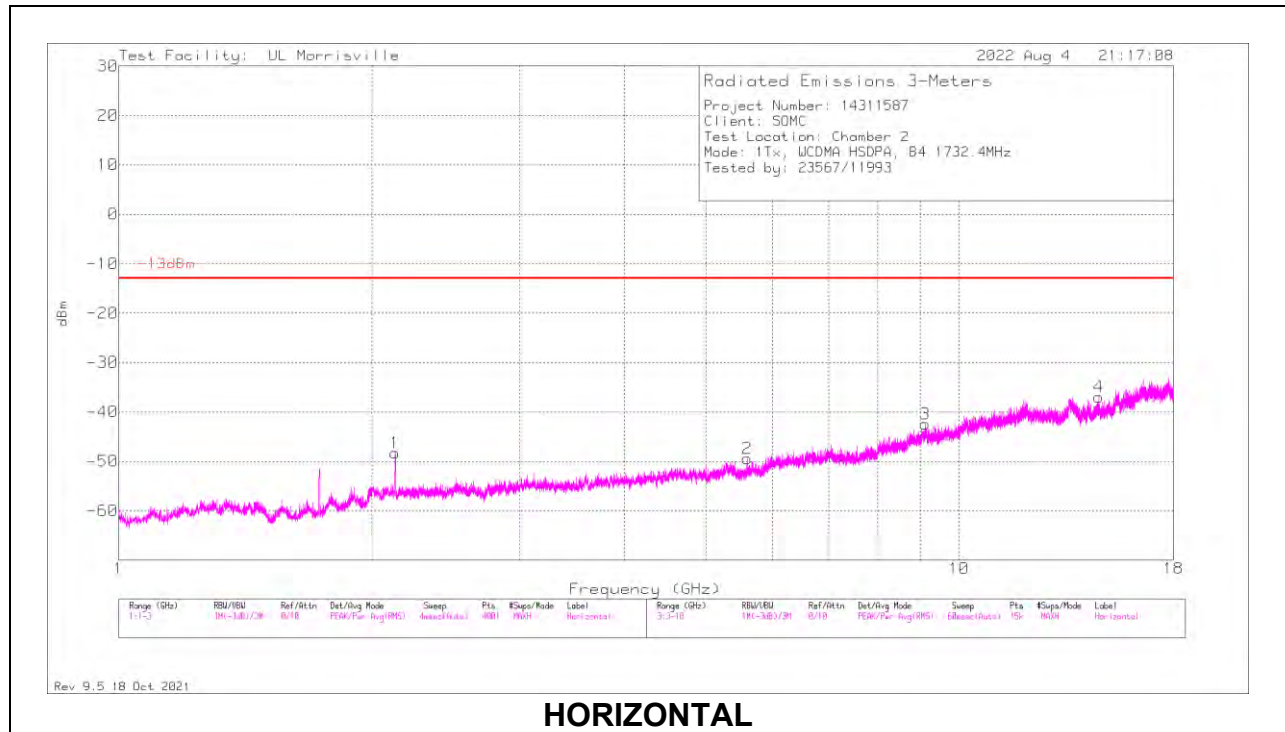


RADIATED EMISSIONS

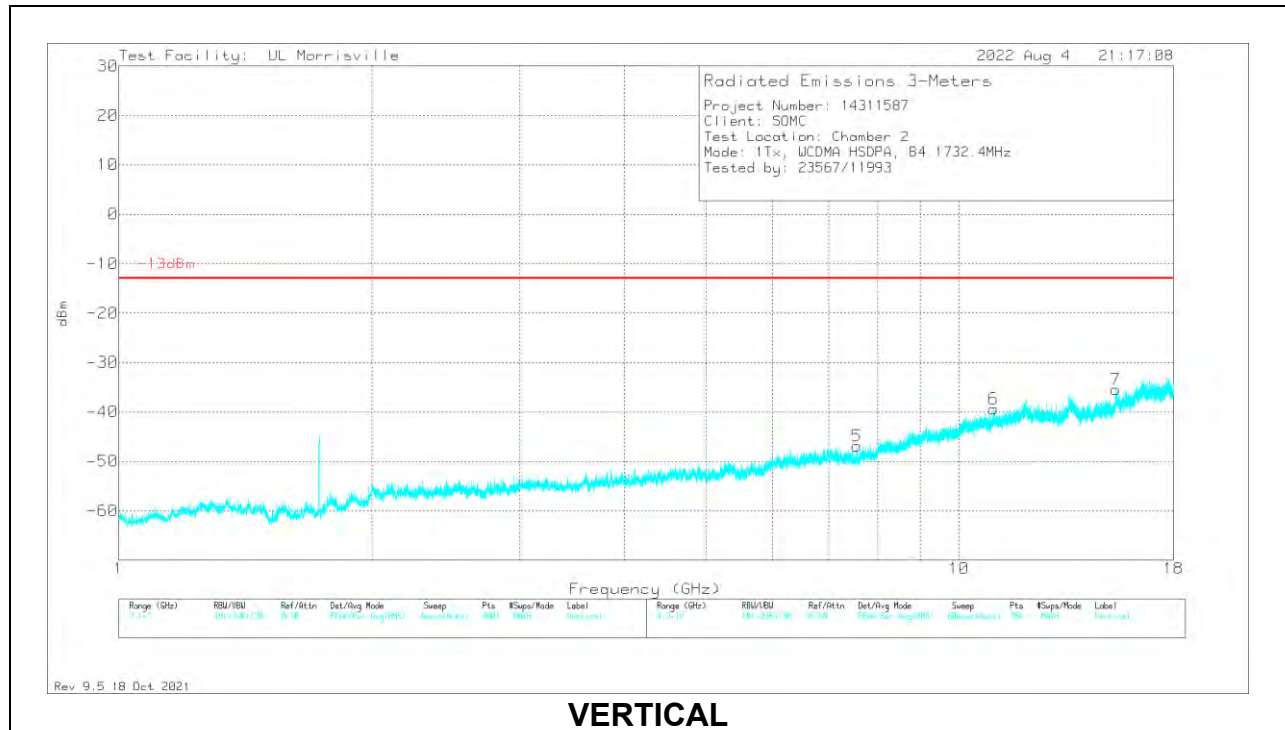
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.68	-66.86	Pk	34.5	-28.5	11.8	0	-49.06	-13	-36.06	0-360	300	H
4	6.171	-65.26	Pk	35.3	-29.2	11.8	0	-47.36	-13	-34.36	0-360	101	V
2	9.328	-64.79	Pk	36.4	-25.8	11.8	0	-42.39	-13	-29.39	0-360	201	H
5	10.231	-64.53	Pk	37.3	-24.6	11.8	0	-40.03	-13	-27.03	0-360	199	V
3	12.062	-65.13	Pk	38.6	-22.9	11.8	0	-37.63	-13	-24.63	0-360	101	H
6	13.5	-63.2	Pk	38.8	-23.8	11.8	0	-36.4	-13	-23.4	0-360	101	V

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

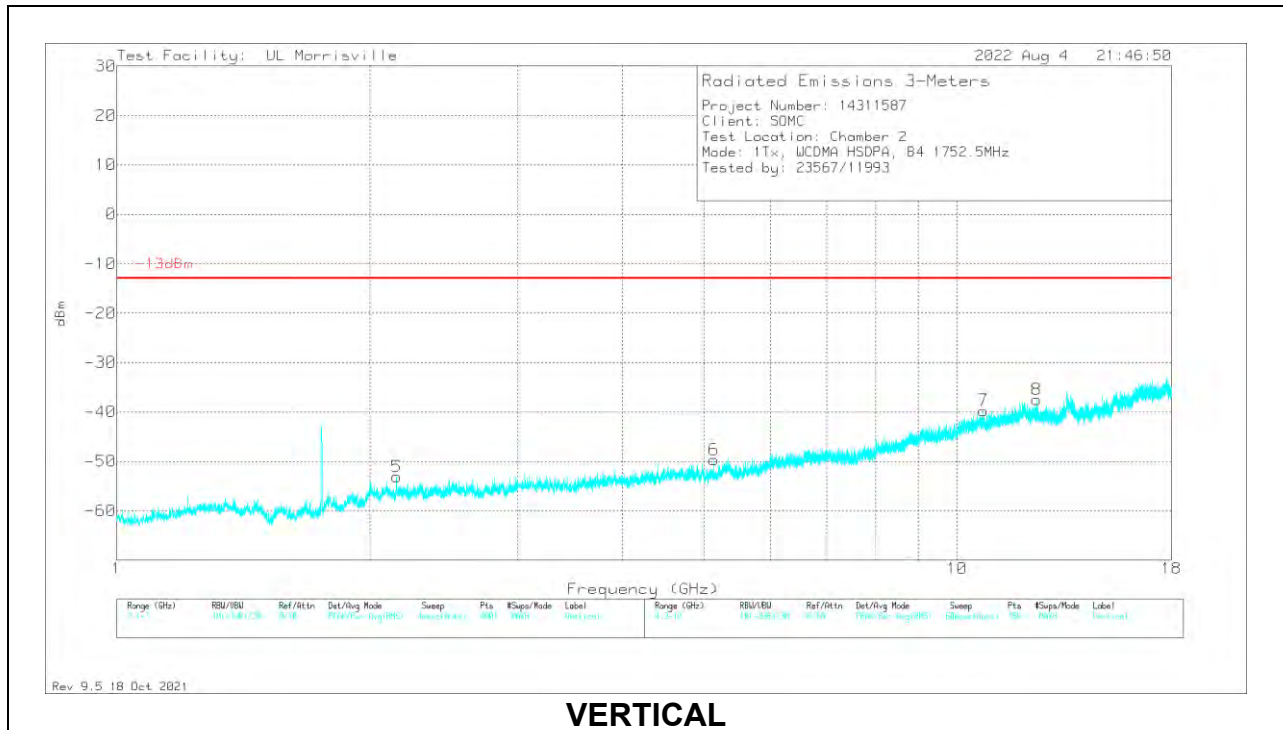
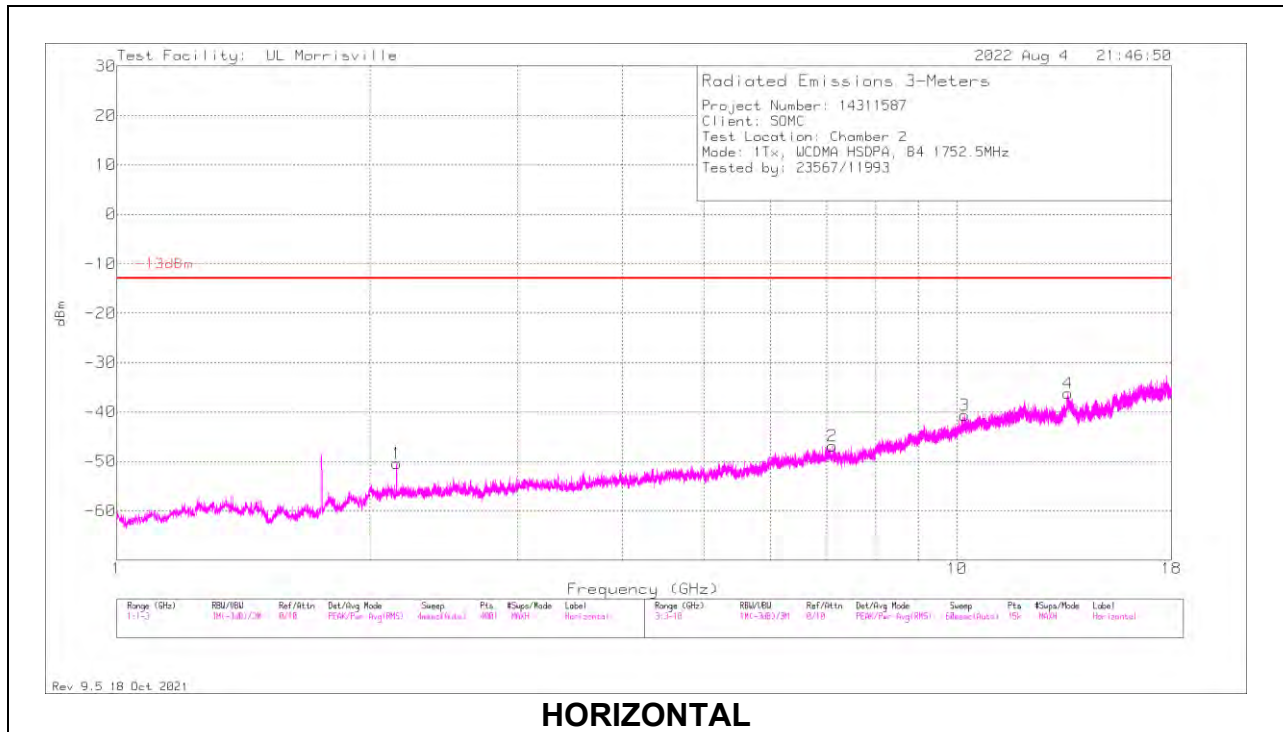
RADIATED EMISSIONS

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
1 (DL)	2.1335	-58.3	Pk	31.4	-34.2	11.8	1	-48.3	-13	-35.3	0-360	101	H
2	5.594	-66.44	Pk	34.4	-29.2	11.8	0	-49.44	-13	-36.44	0-360	299	H
5	7.567	-66.93	Pk	35.7	-27.4	11.8	0	-46.83	-13	-33.83	0-360	101	V
3	9.122	-65.18	Pk	36.2	-25.3	11.8	0	-42.48	-13	-29.48	0-360	299	H
6	10.99	-65.58	Pk	37.7	-23.3	11.8	0	-39.38	-13	-26.38	0-360	101	V
4	14.674	-65.53	Pk	39.5	-22.8	11.8	0	-37.03	-13	-24.03	0-360	100	H
7	15.379	-66.06	Pk	40.1	-21.3	11.8	0	-35.46	-13	-22.46	0-360	200	V

Pk - Peak detector

DL – Downlink

HIGH CHANNEL RESULTS



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
5 (DL)	2.153	-63.23	Pk	31.5	-34.2	11.8	1	-53.13	-13	-40.13	0-360	299	V
1 (DL)	2.154	-60.59	Pk	31.5	-34.2	11.8	1	-50.49	-13	-37.49	0-360	299	H
6	5.137	-64.83	Pk	34.2	-30.8	11.8	0	-49.63	-13	-36.63	0-360	200	V
2	7.108	-66.55	Pk	35.6	-27.7	11.8	0	-46.85	-13	-33.85	0-360	101	H
3	10.214	-65.47	Pk	37.3	-24.3	11.8	0	-40.67	-13	-27.67	0-360	299	H
7	10.76	-65.62	Pk	37.7	-23.6	11.8	0	-39.72	-13	-26.72	0-360	101	V
8	12.451	-64.48	Pk	38.9	-23.7	11.8	0	-37.48	-13	-24.48	0-360	299	V
4	13.557	-62.7	Pk	38.8	-24.1	11.8	0	-36.2	-13	-23.2	0-360	101	H

Pk - Peak detector

DL – Downlink

11.1.5. WCDMA5

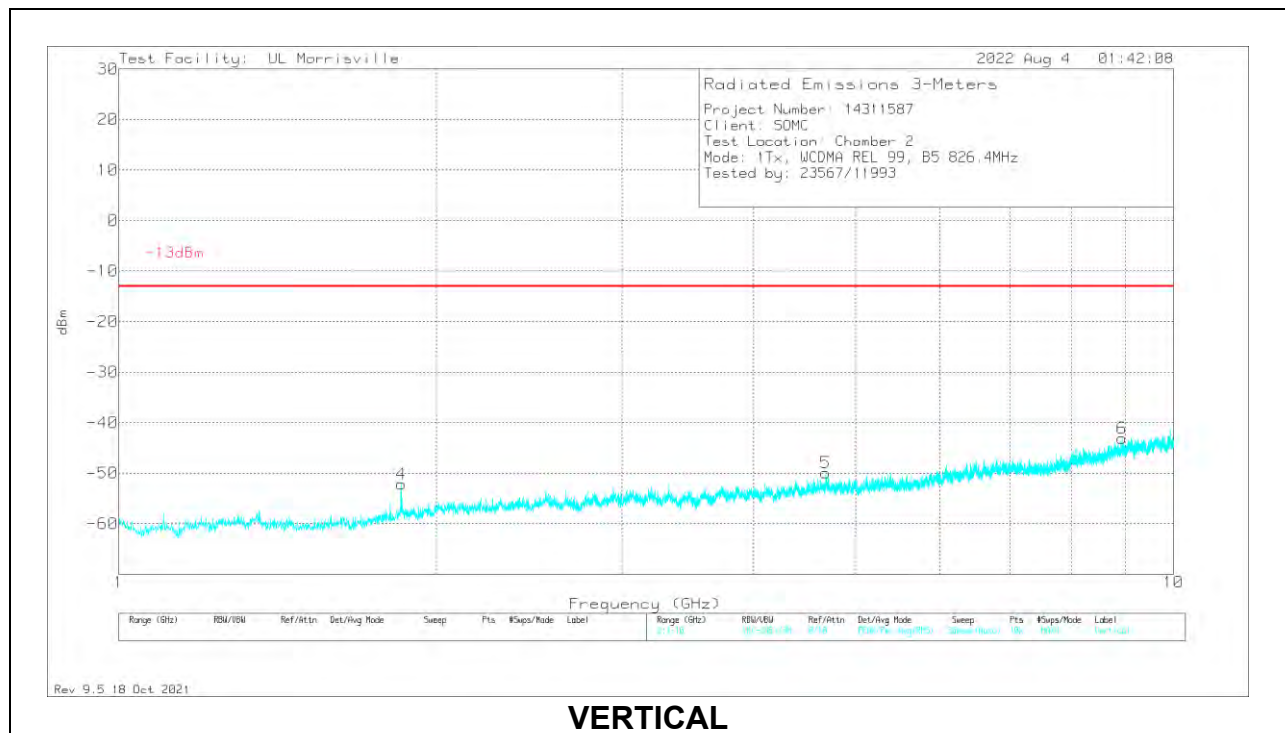
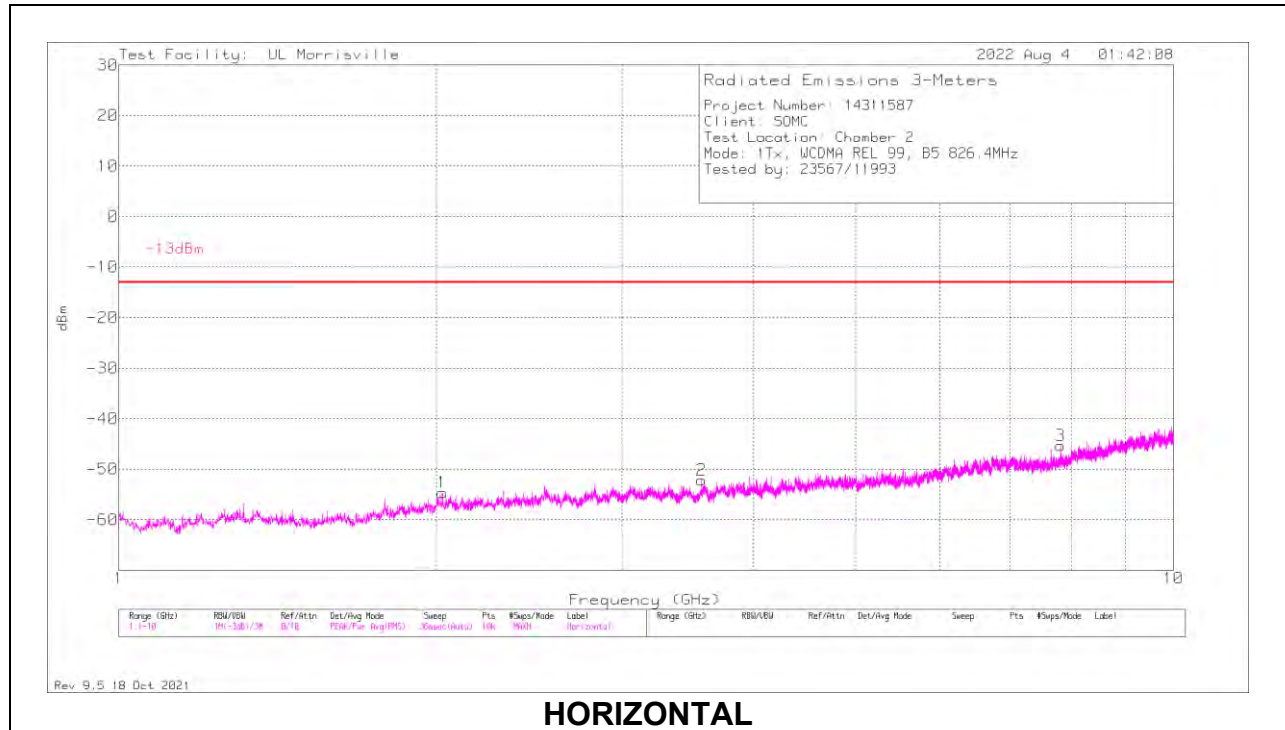
LIMITS

FCC: §22.917 (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

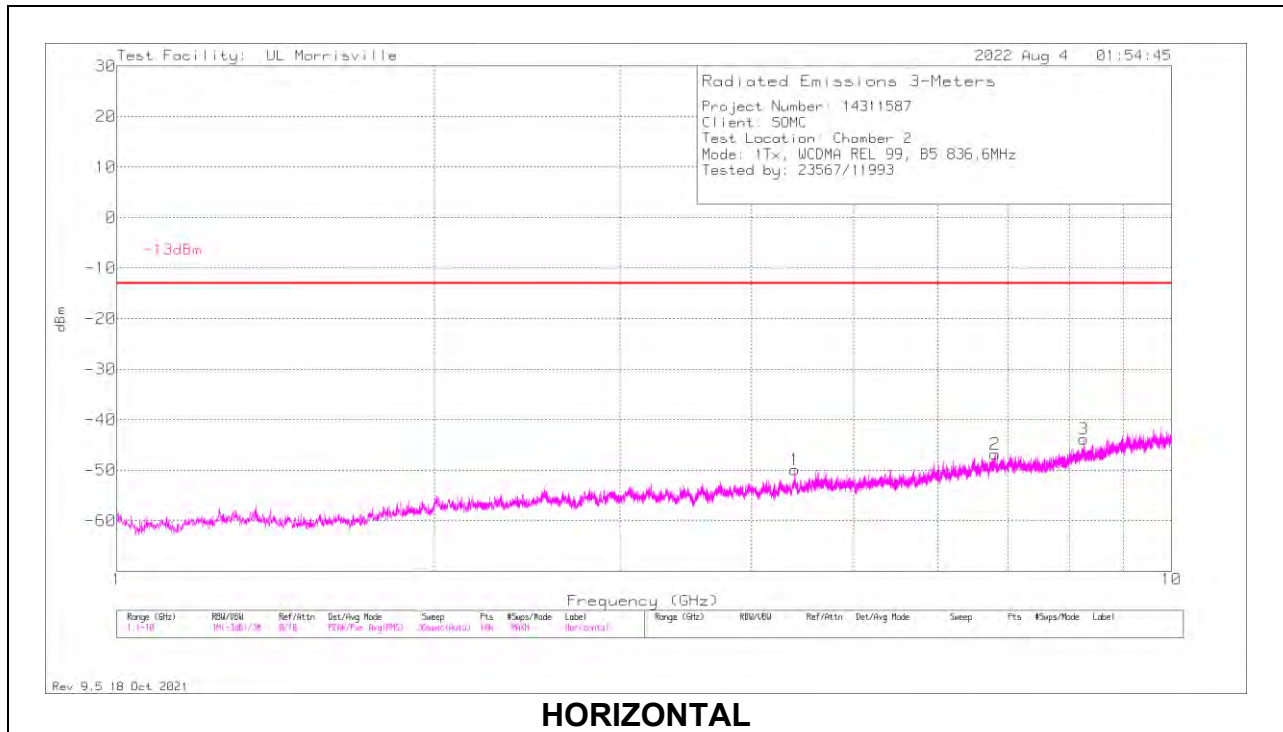


RADIATED EMISSIONS

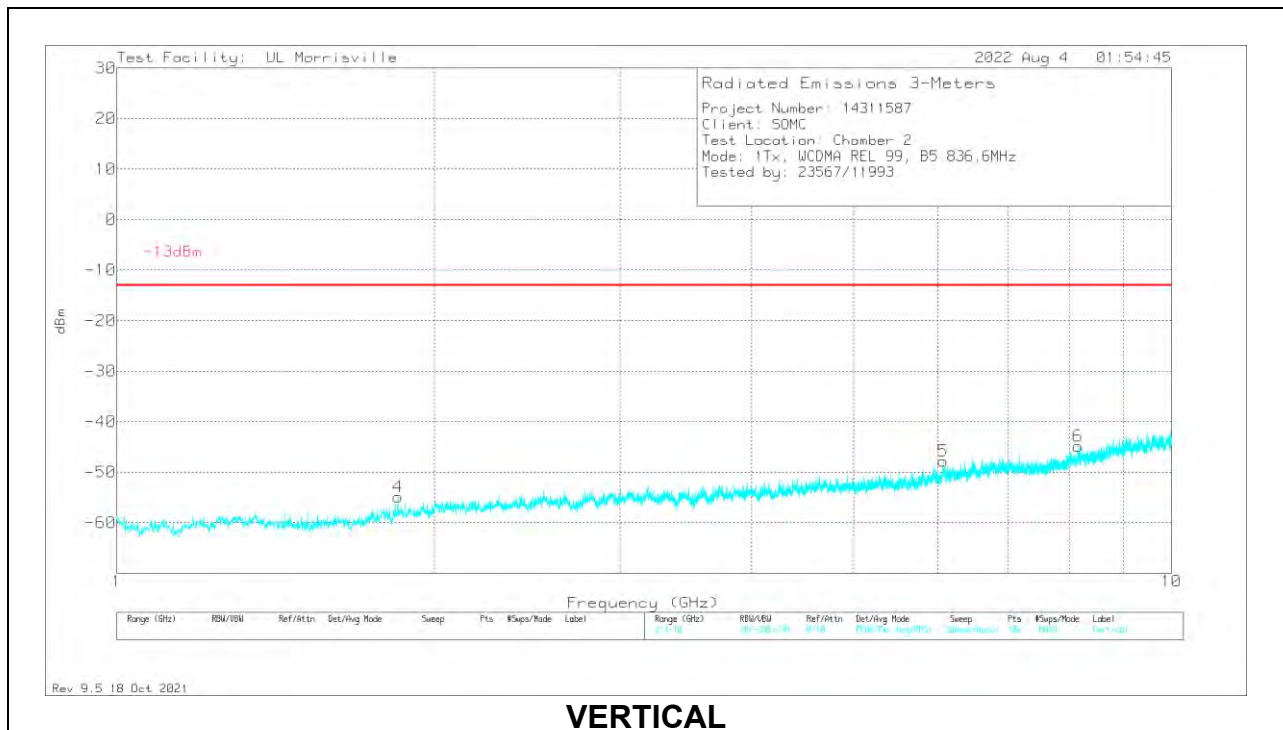
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.8523	-60.41	Pk	30.4	-34.4	.4	11.8	-52.21	-13	-39.21	0-360	200	V
1	2.0269	-64.2	Pk	31.6	-34.2	.4	11.8	-54.6	-13	-41.6	0-360	199	H
2	3.5686	-64.7	Pk	32.9	-32.8	.6	11.8	-52.2	-13	-39.2	0-360	199	H
5	4.6801	-64.79	Pk	34.1	-31.3	.3	11.8	-49.89	-13	-36.89	0-360	299	V
3	7.8202	-65.9	Pk	35.7	-27.3	.4	11.8	-45.3	-13	-32.3	0-360	101	H
6	8.9371	-65.23	Pk	36.1	-26.4	.6	11.8	-43.13	-13	-30.13	0-360	200	V

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



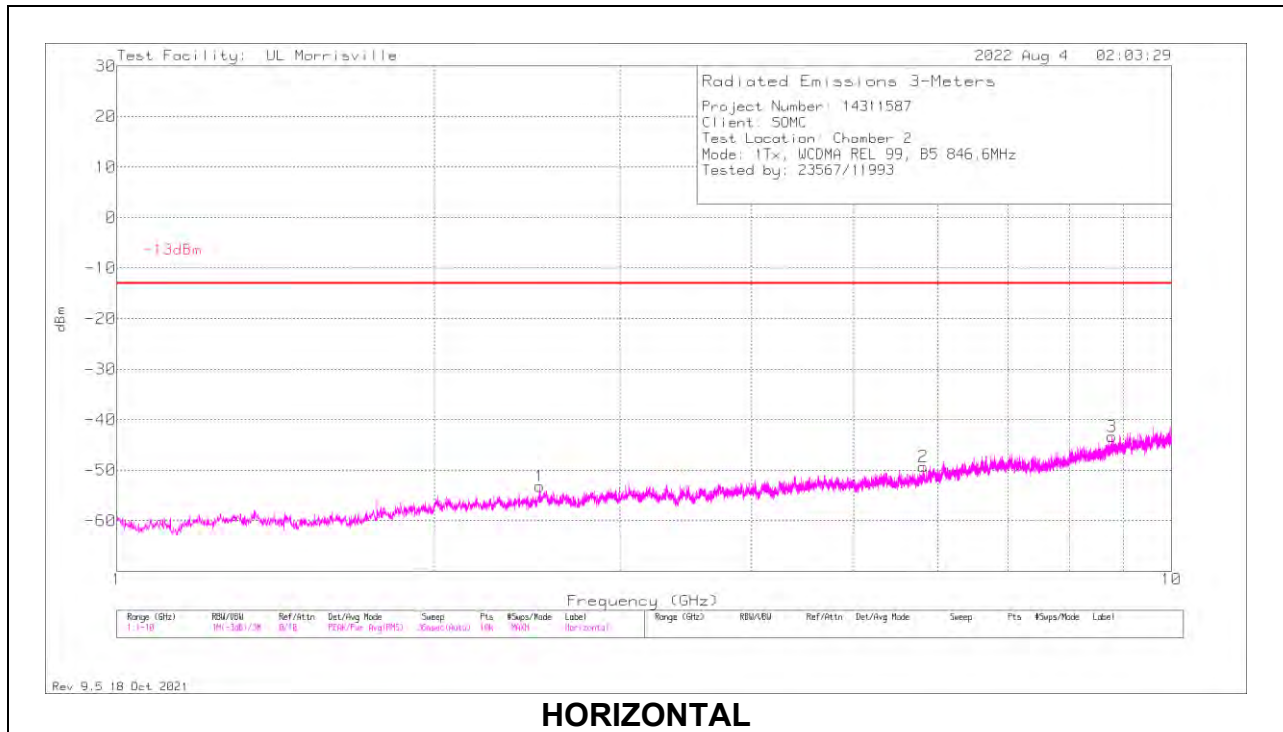
VERTICAL

RADIATED EMISSIONS

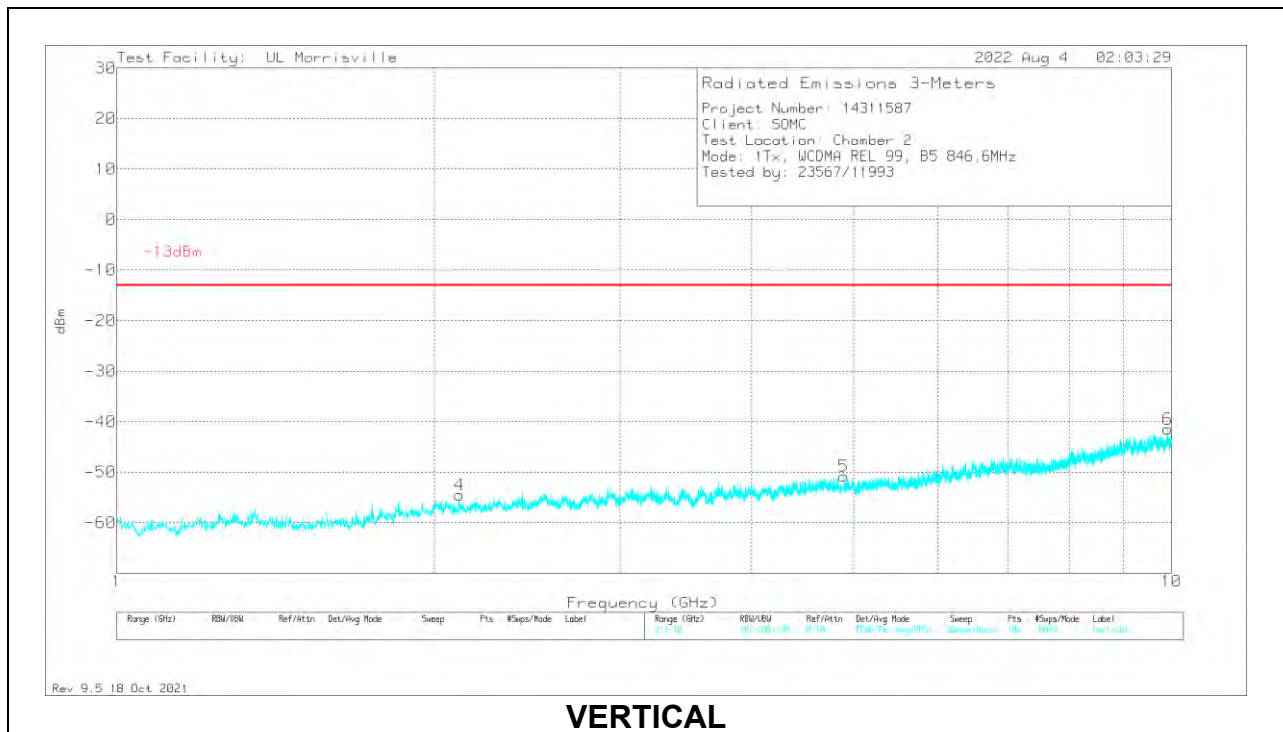
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.8469	-62.99	Pk	30.4	-34.5	.4	11.8	-54.89	-13	-41.89	0-360	300	V
1	4.393	-64.64	Pk	33.6	-31.1	.4	11.8	-49.94	-13	-36.94	0-360	199	H
5	6.0742	-66.64	Pk	35.2	-29	.8	11.8	-47.84	-13	-34.84	0-360	300	V
2	6.8032	-66.75	Pk	35.6	-28.2	.7	11.8	-46.85	-13	-33.85	0-360	300	H
6	8.1568	-65.73	Pk	35.7	-27.1	.5	11.8	-44.83	-13	-31.83	0-360	300	V
3	8.2558	-65.04	Pk	35.8	-26.8	.4	11.8	-43.84	-13	-30.84	0-360	101	H

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

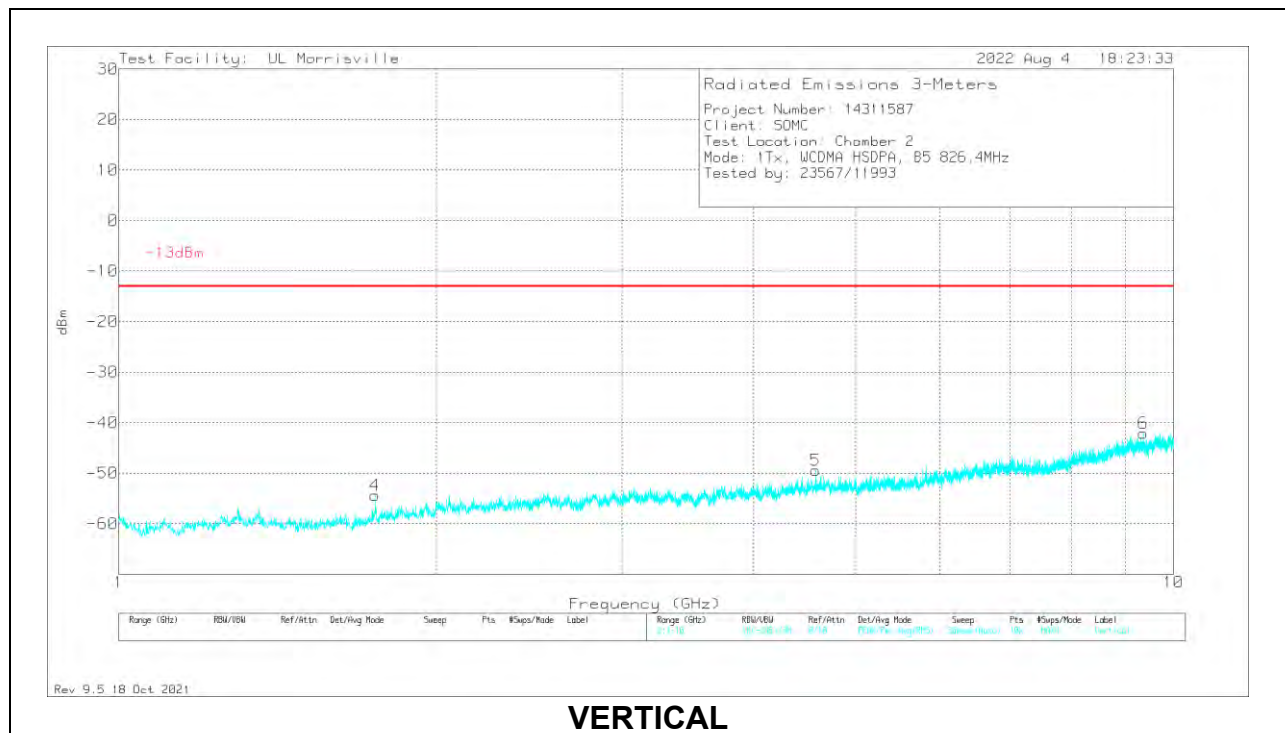
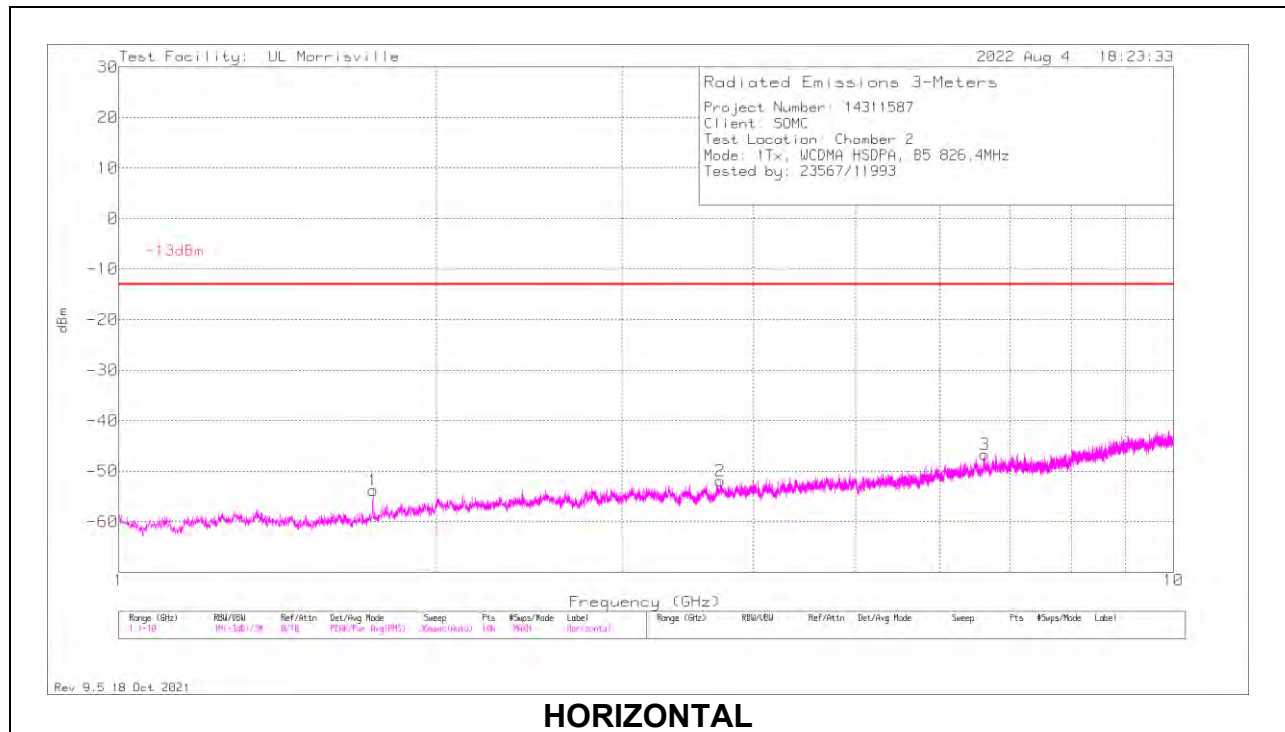
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.1124	-64.22	Pk	31.4	-33.9	.4	11.8	-54.52	-13	-41.52	0-360	101	V
1	2.5192	-64.07	Pk	32.5	-33.8	.4	11.8	-53.17	-13	-40.17	0-360	101	H
5	4.8889	-65.62	Pk	33.9	-31.2	.3	11.8	-50.82	-13	-37.82	0-360	101	V
2	5.8204	-66.57	Pk	34.8	-29.8	.5	11.8	-49.27	-13	-36.27	0-360	101	H
3	8.7841	-65.31	Pk	36	-26.3	.5	11.8	-43.31	-13	-30.31	0-360	299	H
6	9.9226	-65.77	Pk	37	-25.4	.9	11.8	-41.47	-13	-28.47	0-360	299	V

Pk - Peak detector

HSDPA

LOW CHANNEL RESULTS

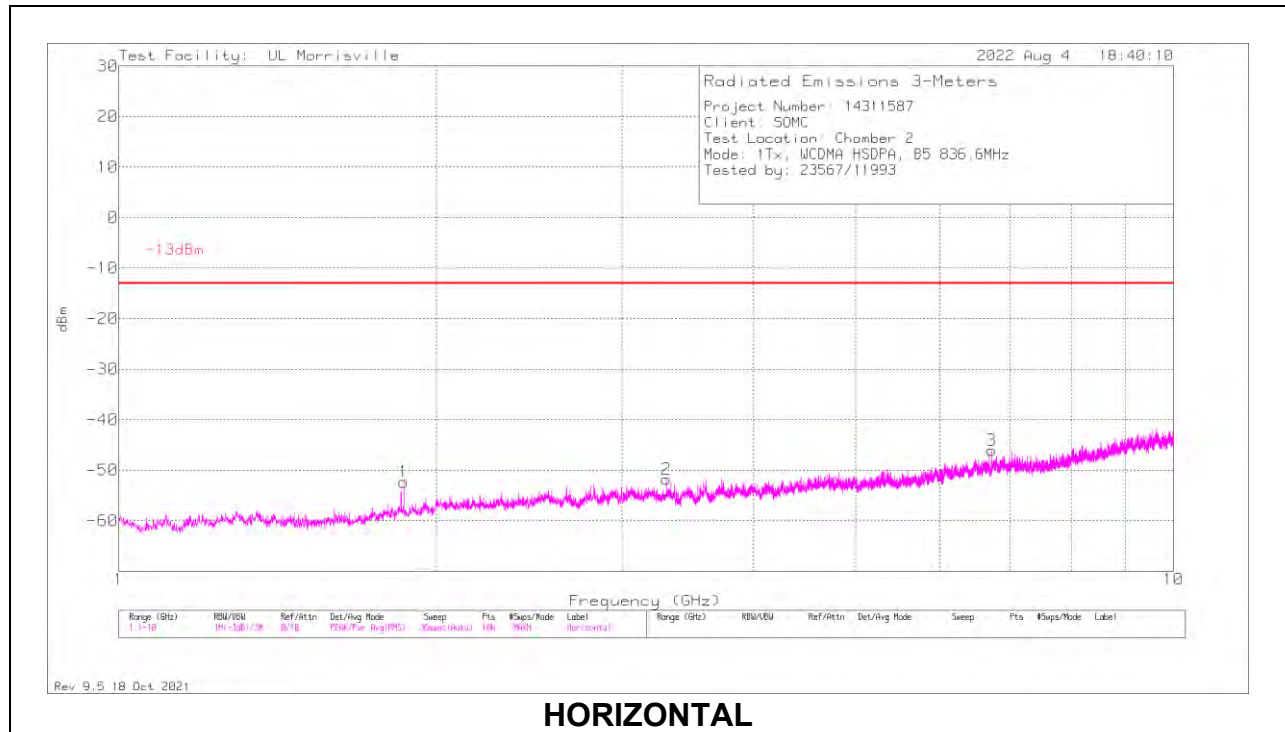


RADIATED EMISSIONS

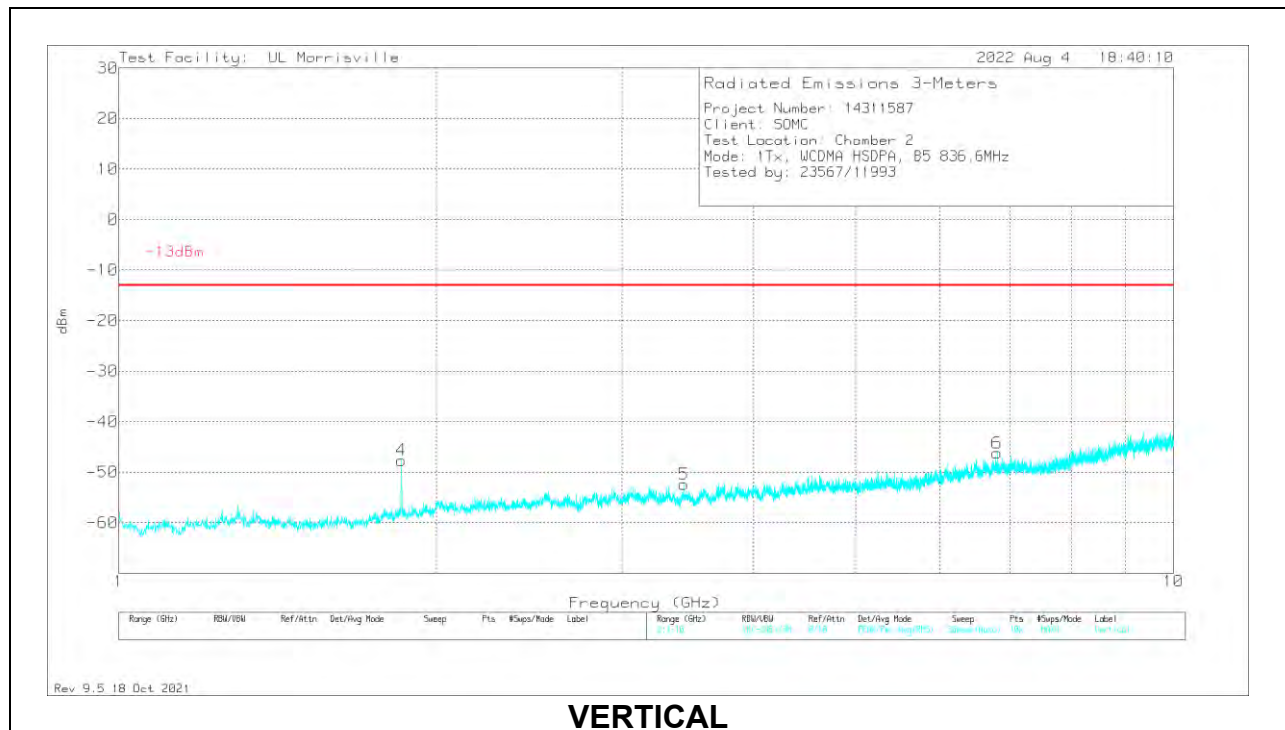
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.7416	-60.63	Pk	29.3	-34.6	.4	11.8	-53.73	-13	-40.73	0-360	299	H
4	1.7497	-61.59	Pk	29.4	-34.4	.4	11.8	-54.39	-13	-41.39	0-360	299	V
2	3.7198	-65.05	Pk	33.2	-32.5	.6	11.8	-51.95	-13	-38.95	0-360	101	H
5	4.5811	-63.61	Pk	34.2	-32.1	.3	11.8	-49.41	-13	-36.41	0-360	101	V
3	6.625	-65.81	Pk	35.6	-28.9	.6	11.8	-46.71	-13	-33.71	0-360	199	H
6	9.3664	-65.44	Pk	36.5	-25.8	.8	11.8	-42.14	-13	-29.14	0-360	299	V

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



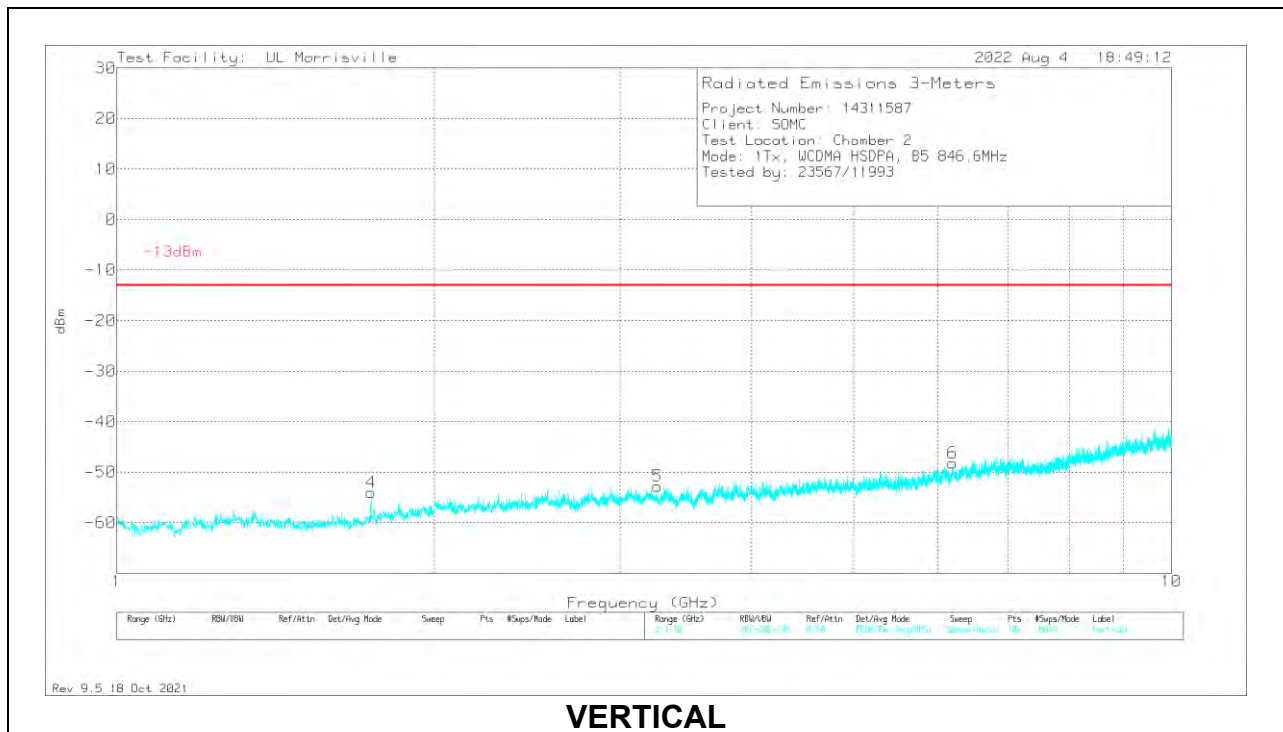
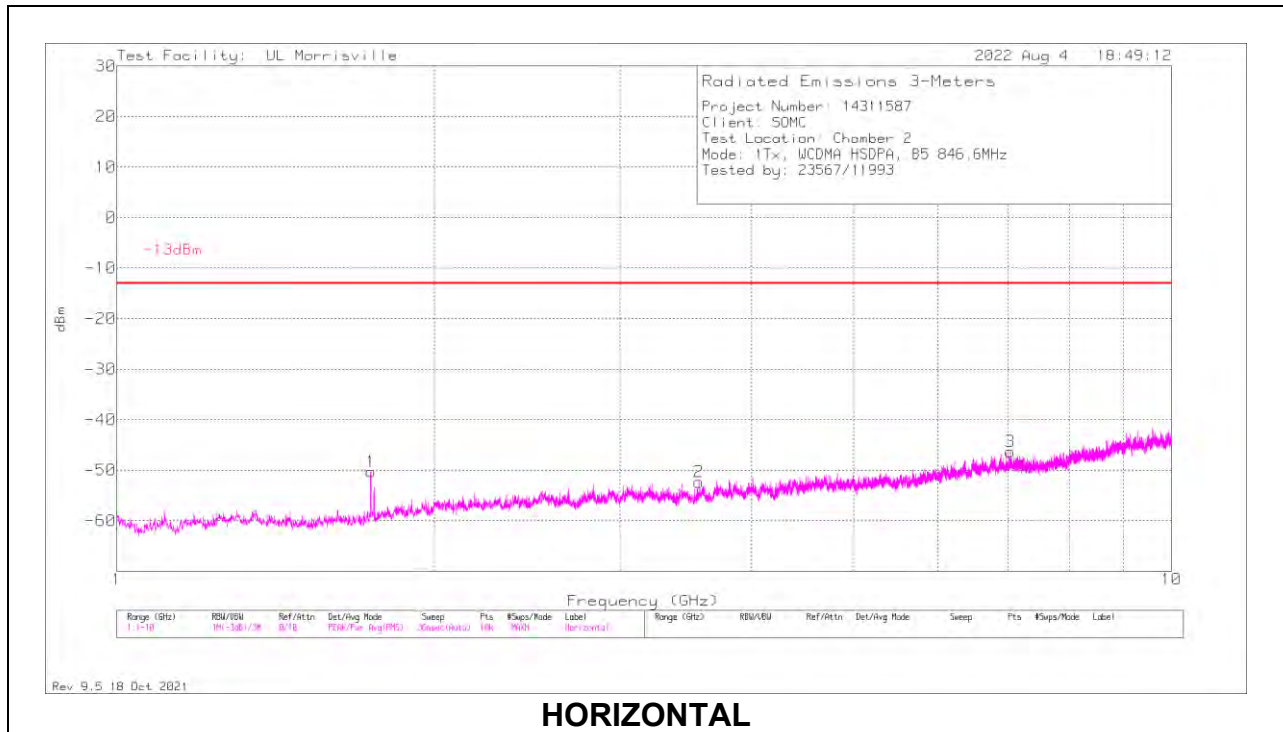
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.8541	-55.83	Pk	30.4	-34.4	.4	11.8	-47.63	-13	-34.63	0-360	201	V
1	1.8631	-60.84	Pk	30.5	-34.2	.4	11.8	-52.34	-13	-39.34	0-360	199	H
2	3.3067	-63.54	Pk	32.8	-33.5	.7	11.8	-51.74	-13	-38.74	0-360	101	H
5	3.4354	-64.47	Pk	32.6	-32.9	.6	11.8	-52.37	-13	-39.37	0-360	101	V
3	6.7276	-65.01	Pk	35.6	-29	.5	11.8	-46.11	-13	-33.11	0-360	199	H
6	6.8032	-66.11	Pk	35.6	-28.2	.7	11.8	-46.21	-13	-33.21	0-360	299	V

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.7416	-57.21	Pk	29.3	-34.6	.4	11.8	-50.31	-13	-37.31	0-360	199	H
4	1.7425	-60.9	Pk	29.3	-34.6	.4	11.8	-54	-13	-41	0-360	299	V
5	3.2554	-64.56	Pk	32.9	-33.3	.4	11.8	-52.76	-13	-39.76	0-360	299	V
2	3.5641	-64.64	Pk	32.9	-32.9	.5	11.8	-52.34	-13	-39.34	0-360	299	H
6	6.2038	-66.16	Pk	35.3	-29.8	.7	11.8	-48.16	-13	-35.16	0-360	200	V
3	7.0354	-66.11	Pk	35.6	-28.2	.6	11.8	-46.31	-13	-33.31	0-360	199	H

Pk - Peak detector

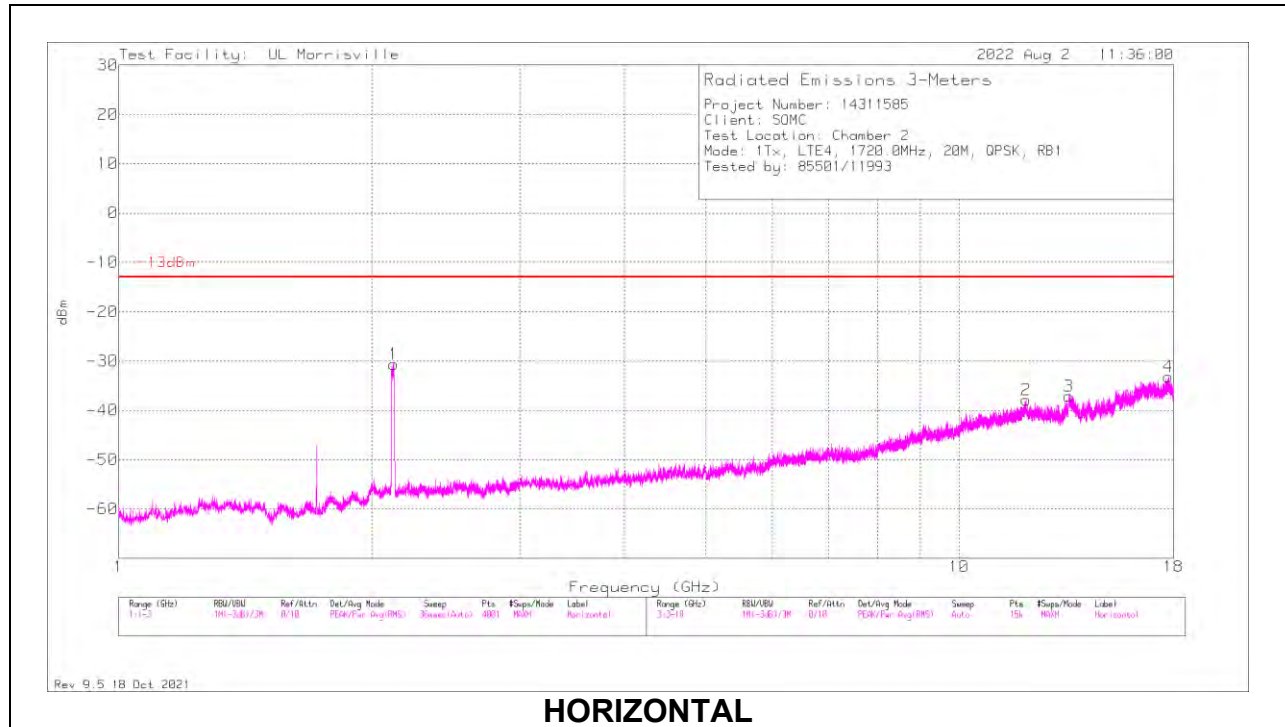
11.1.6. LTE BAND 4**LIMITS**

FCC: §27.53(h)

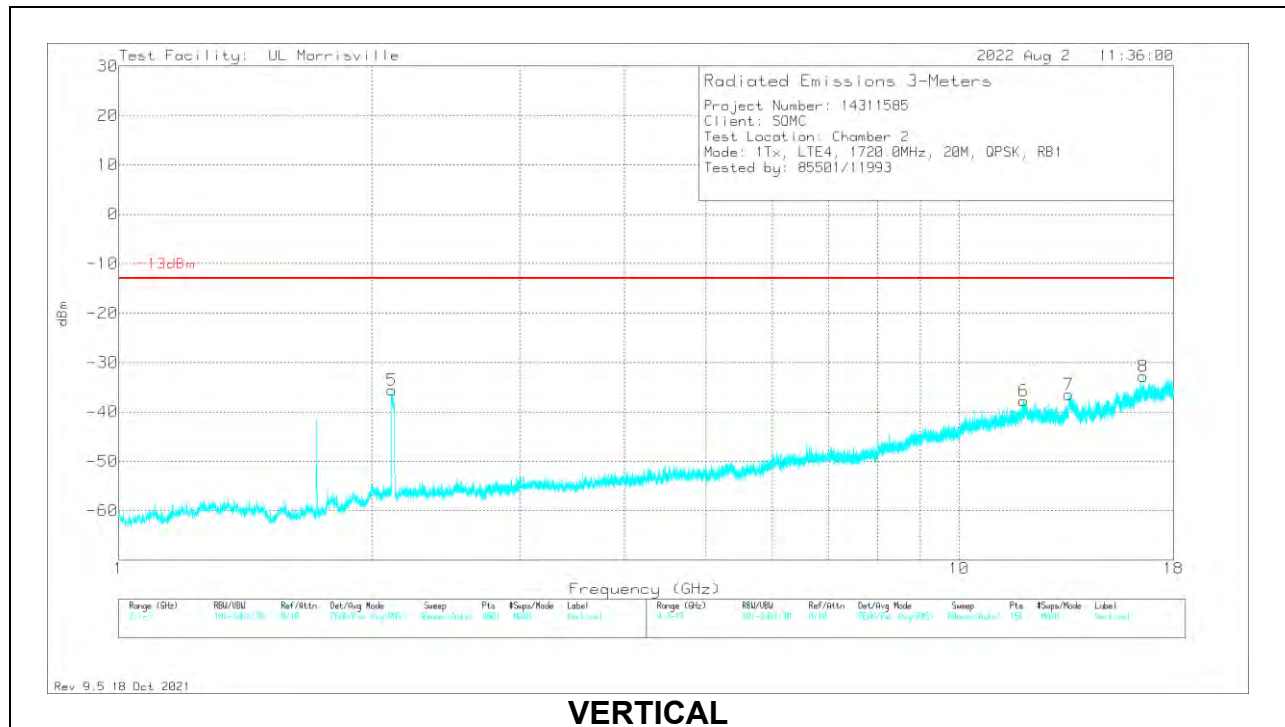
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

QPSK

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

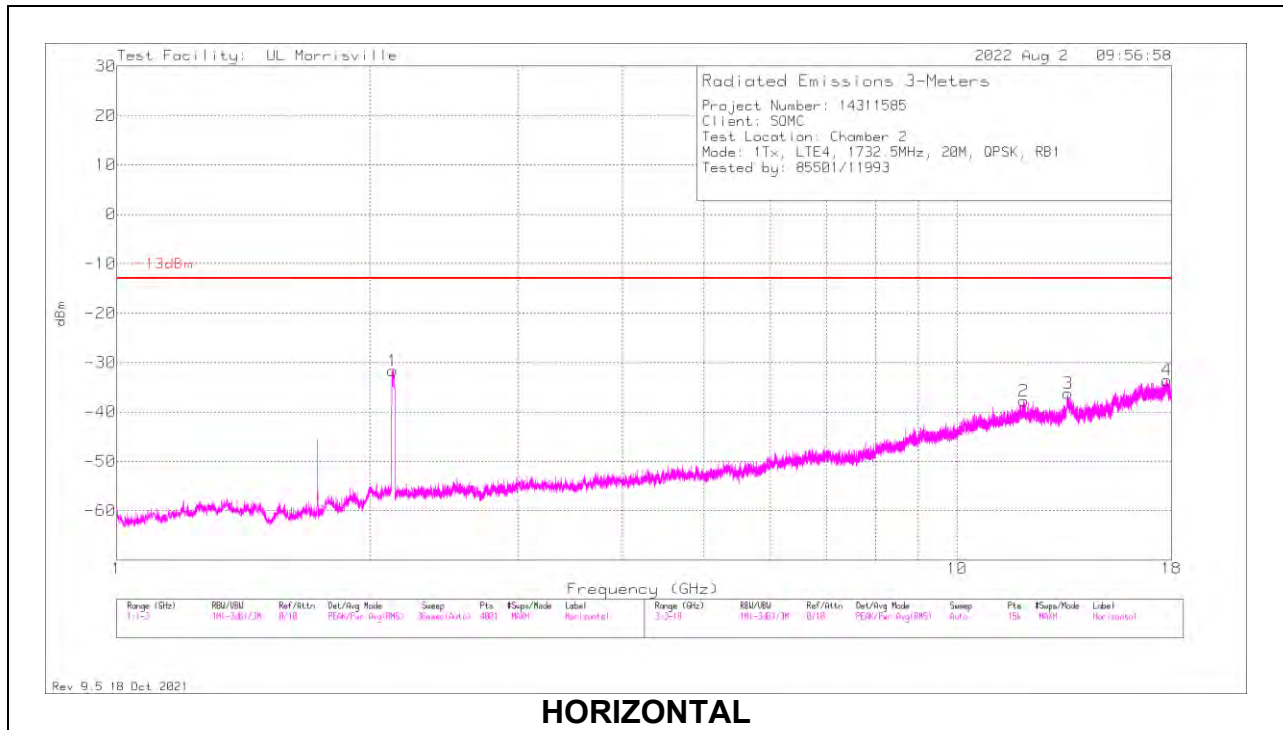
RADIATED EMISSIONS

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
5 DL	2.1125	-45.87	Pk	31.4	-33.9	11.8	1	-	-	-	0-360	300	V
1 DL	2.1255	-40.72	Pk	31.4	-34.1	11.8	1	-	-	-	0-360	101	H
6	11.93	-64.4	Pk	38.5	-23.6	11.8	0	-37.7	-13	-24.7	0-360	200	V
2	12.025	-66.11	Pk	38.6	-22.2	11.8	0	-37.91	-13	-24.91	0-360	199	H
3	13.509	-63.66	Pk	38.8	-24	11.8	0	-37.06	-13	-24.06	0-360	101	H
7	13.52	-62.89	Pk	38.8	-24.2	11.8	0	-36.49	-13	-23.49	0-360	200	V
8	16.569	-64.37	Pk	41.4	-21.6	11.8	0	-32.77	-13	-19.77	0-360	101	V
4	17.764	-65.53	Pk	41.2	-20.7	11.8	0	-33.23	-13	-20.23	0-360	299	H

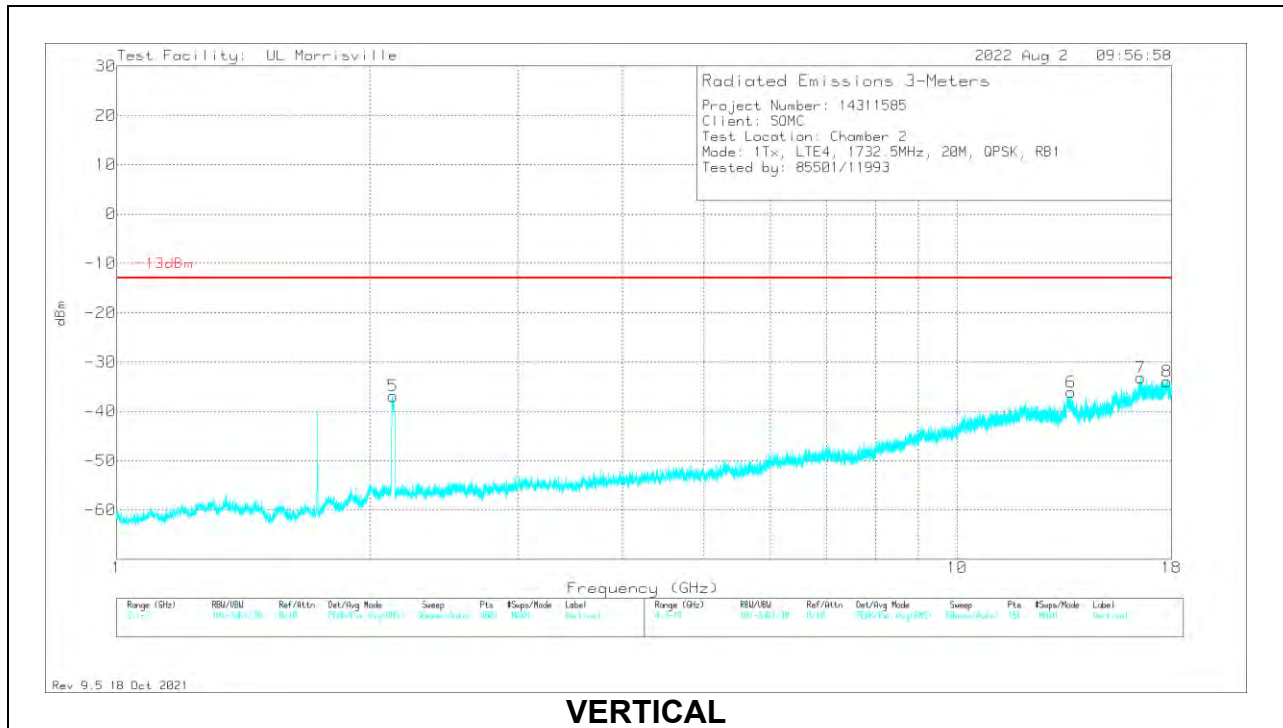
Pk - Peak detector

DL – Down Link

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

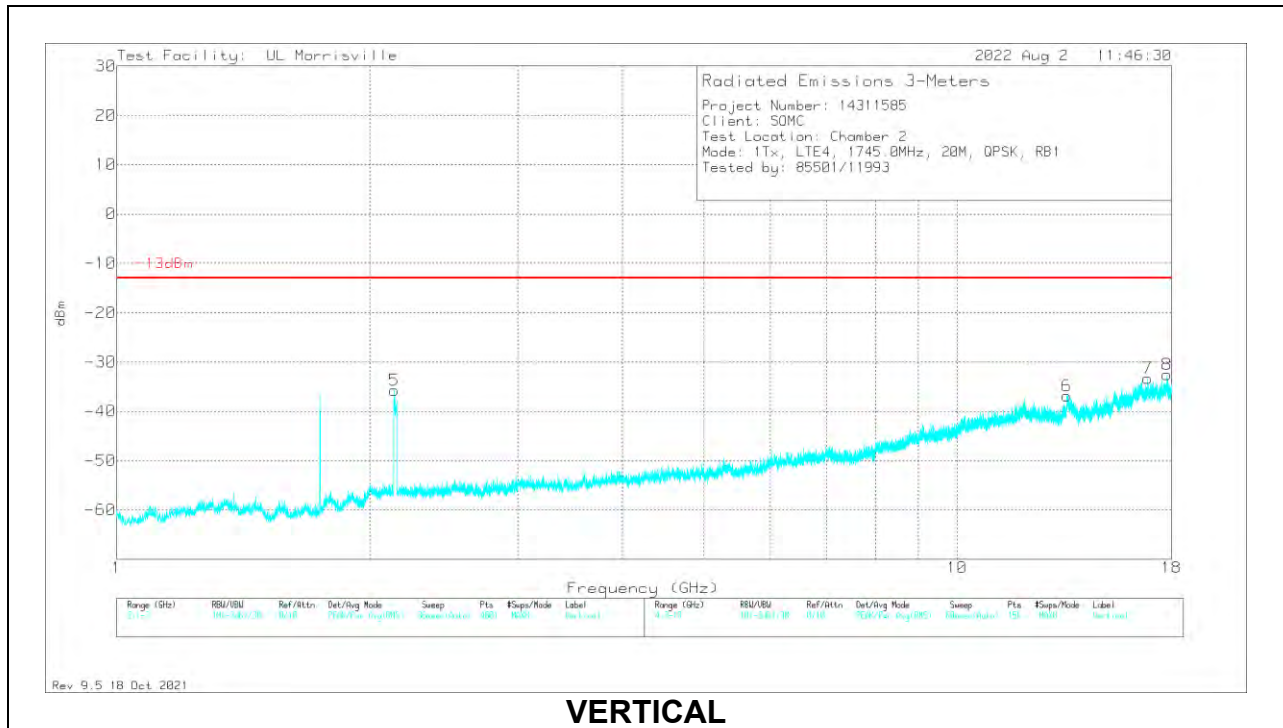
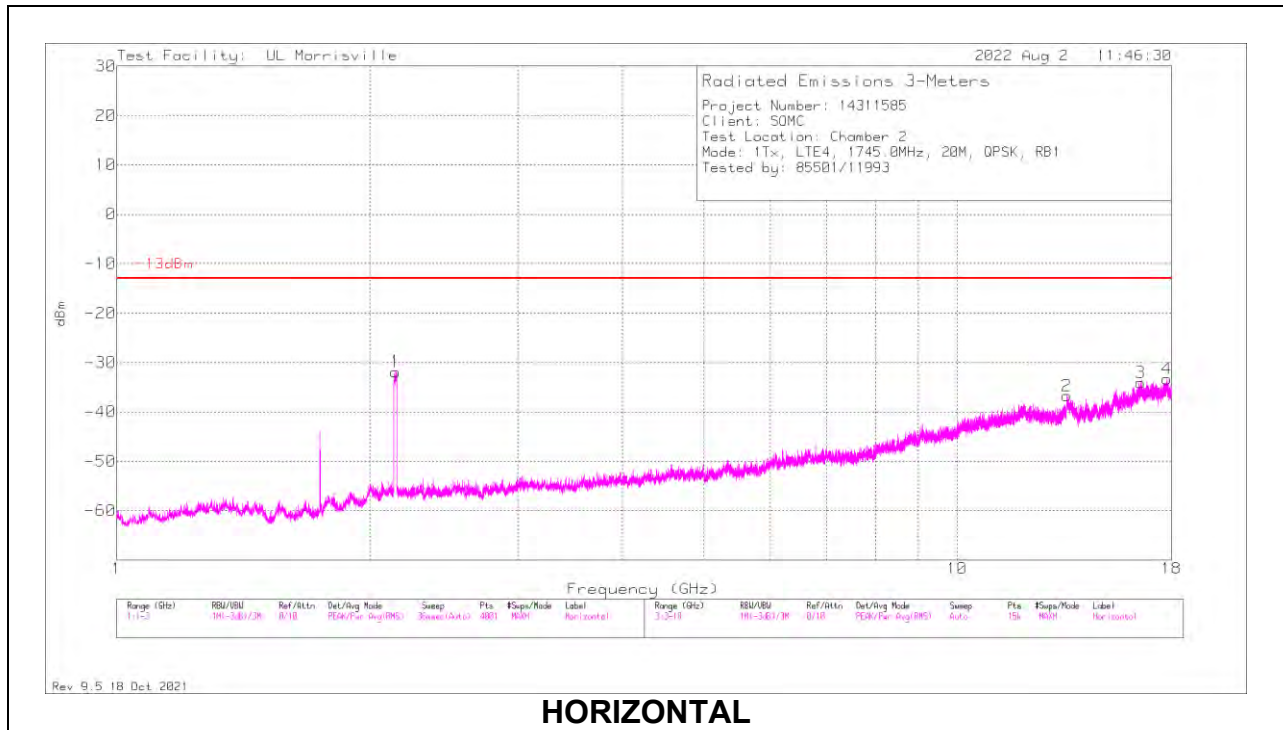
RADIATED EMISSIONS

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
1	2.1305 (DL)	-41.76	Pk	31.4	-34.1	11.8	1	-	-	-	0-360	101	H
5	2.131 (DL)	-47.02	Pk	31.4	-34.1	11.8	1	-	-	-	0-360	299	V
2	12.011	-64.97	Pk	38.6	-23.2	11.8	0	-37.77	-13	-24.77	0-360	200	H
3	13.549	-62.8	Pk	38.8	-24	11.8	0	-36.2	-13	-23.2	0-360	300	H
6	13.665	-62.66	Pk	38.7	-23.9	11.8	0	-36.06	-13	-23.06	0-360	101	V
7	16.546	-64.63	Pk	41.4	-21.7	11.8	0	-33.13	-13	-20.13	0-360	300	V
4	17.772	-66.1	Pk	41.2	-20.4	11.8	0	-33.5	-13	-20.5	0-360	101	H
8	17.788	-66.33	Pk	41.2	-20.6	11.8	0	-33.93	-13	-20.93	0-360	300	V

Pk - Peak detector

DL – Down link

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

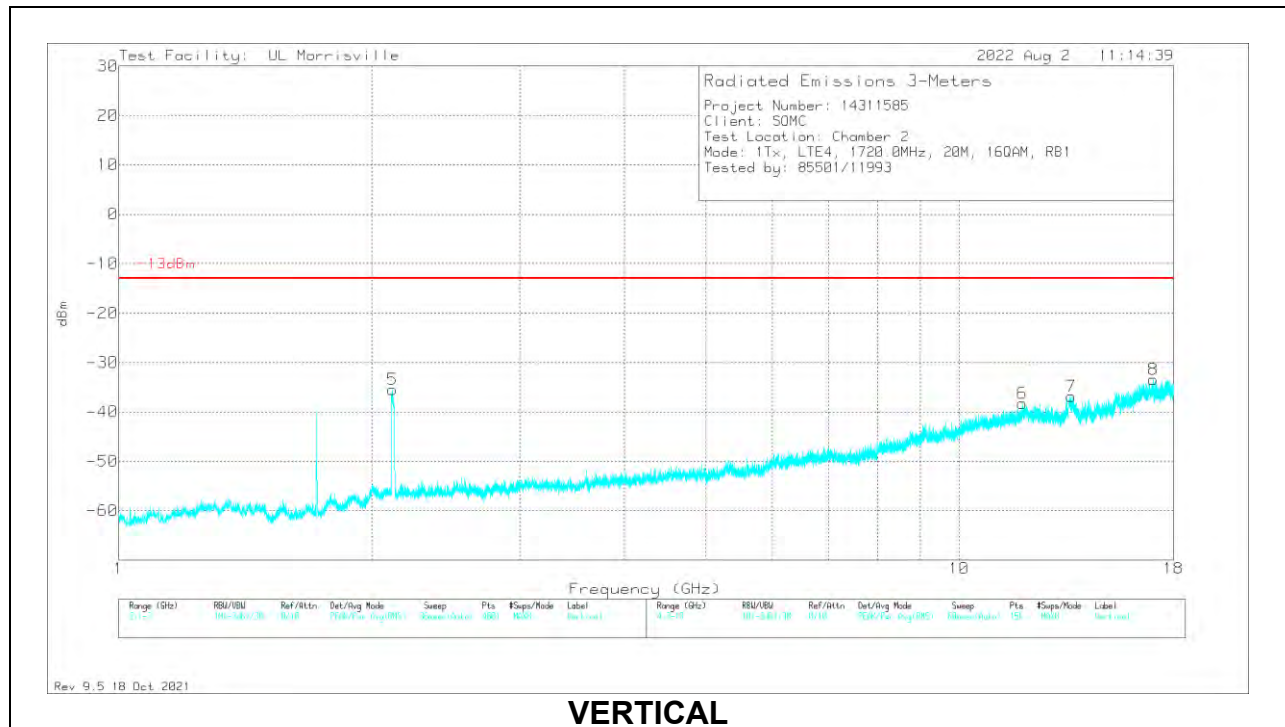
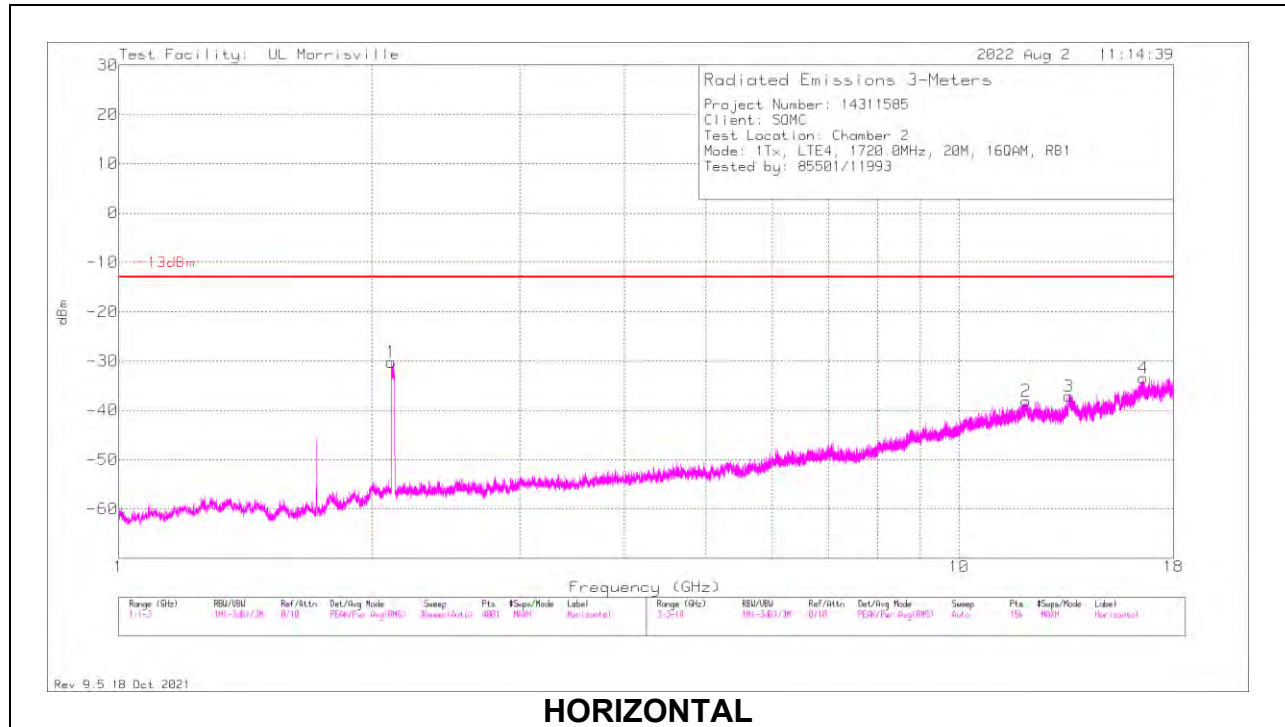
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	2.138 (DL)	-45.48	Pk	31.5	-34.5	11.8	1	-	-	-	0-360	300	V
1	2.147 (DL)	-41.65	Pk	31.5	-34.5	11.8	1	-	-	-	0-360	200	H
2	13.52	-63.09	Pk	38.8	-24.2	11.8	0	-36.69	-13	-23.69	0-360	299	H
6	13.521	-63.27	Pk	38.8	-24.2	11.8	0	-36.87	-13	-23.87	0-360	101	V
3	16.555	-65.64	Pk	41.4	-21.6	11.8	0	-34.04	-13	-21.04	0-360	101	H
7	16.85	-65.08	Pk	41.9	-21.9	11.8	0	-33.28	-13	-20.28	0-360	299	V
8	17.775	-65.39	Pk	41.2	-20.2	11.8	0	-32.59	-13	-19.59	0-360	200	V
4	17.777	-66.16	Pk	41.2	-20.2	11.8	0	-33.36	-13	-20.36	0-360	101	H

Pk - Peak detector

DL - Down Link

16QAM

LOW CHANNEL RESULTS



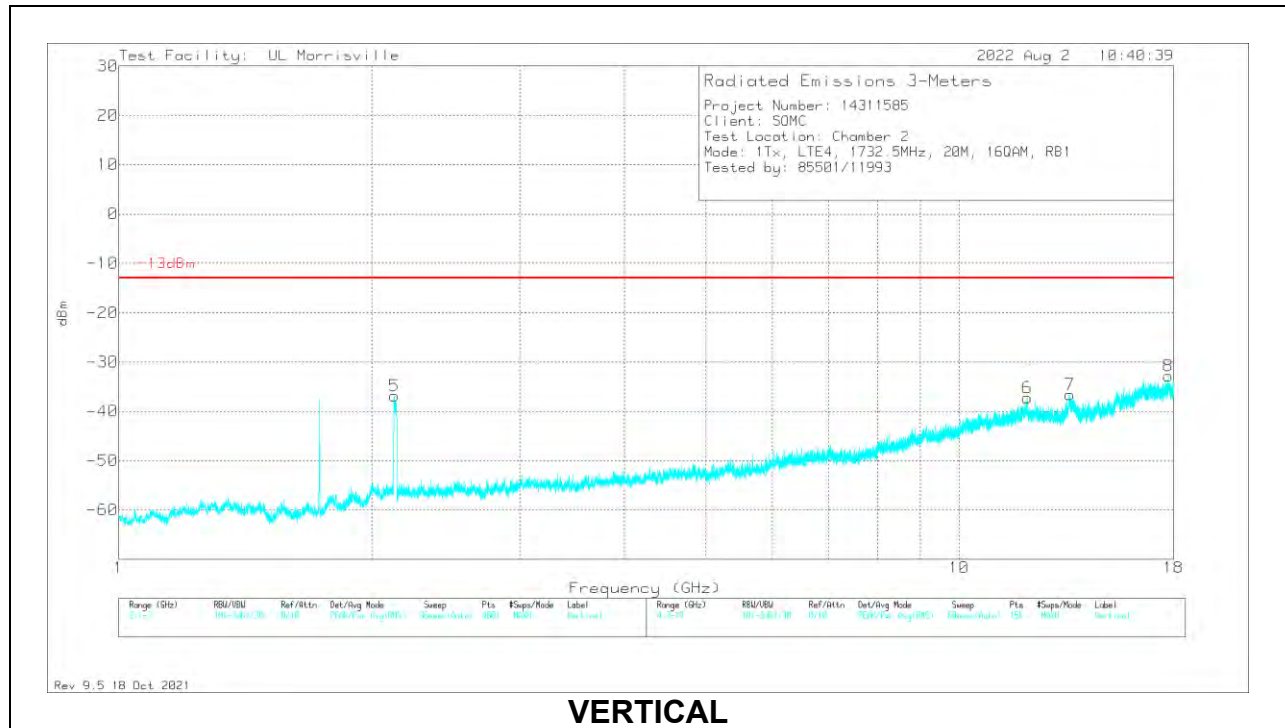
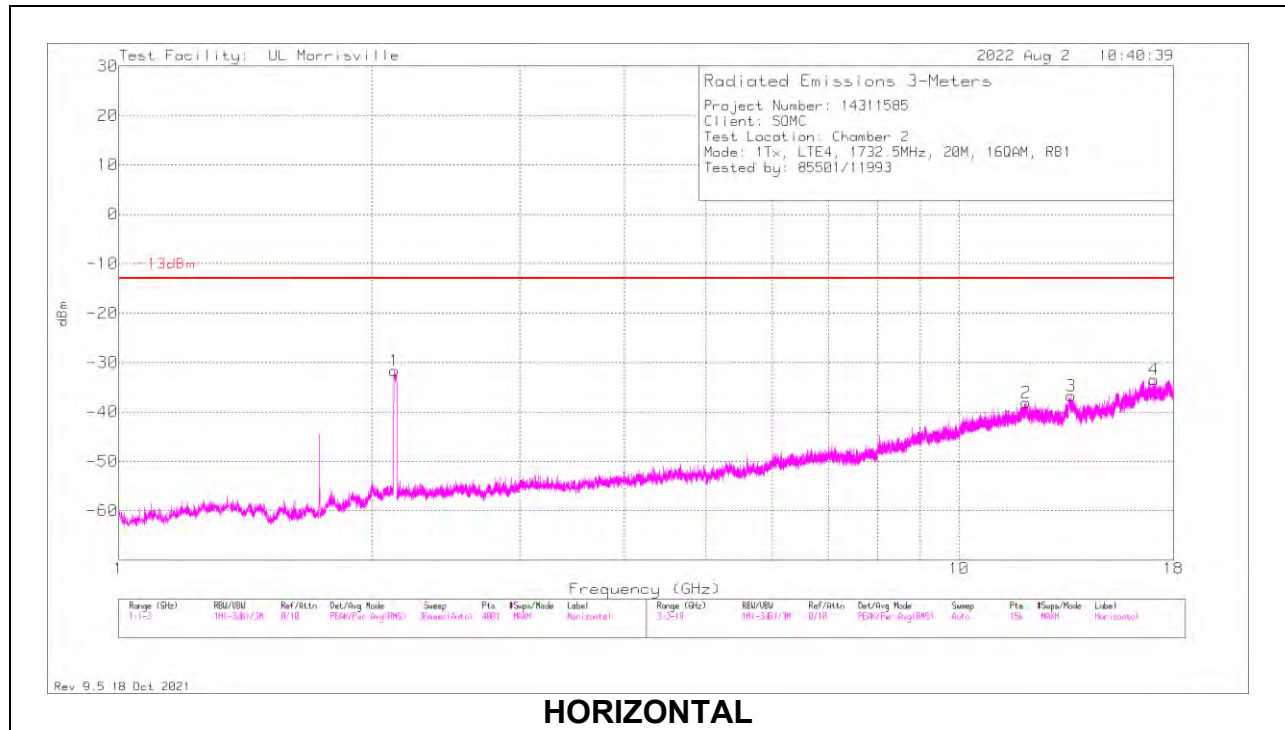
RADIATED EMISSIONS

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
1	2.112 (DL)	-40.5	Pk	31.4	-33.9	11.8	1	-	-	-	0-360	200	H
5	2.117 (DL)	-45.61	Pk	31.4	-34.1	11.8	1	-	-	-	0-360	299	V
6	11.892	-65.31	Pk	38.5	-23.2	11.8	0	-38.21	-13	-25.21	0-360	200	V
2	12.019	-65.77	Pk	38.6	-22.7	11.8	0	-38.07	-13	-25.07	0-360	199	H
3	13.506	-63.69	Pk	38.8	-24	11.8	0	-37.09	-13	-24.09	0-360	300	H
7	13.608	-62.85	Pk	38.7	-24.5	11.8	0	-36.85	-13	-23.85	0-360	200	V
4	16.572	-65.52	Pk	41.4	-21.1	11.8	0	-33.42	-13	-20.42	0-360	101	H
8	17.042	-64.44	Pk	41.6	-22.4	11.8	0	-33.44	-13	-20.44	0-360	200	V

Pk - Peak detector

DL - Down Link

MID CHANNEL RESULTS



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
5	2.128 (DL)	-47.01	Pk	31.4	-34.1	11.8	1	-	-	-	0-360	299	V
1	2.13 (DL)	-41.77	Pk	31.4	-34.1	11.8	1	-	-	-	0-360	101	H
2	12.025	-66.33	Pk	38.6	-22.2	11.8	0	-38.13	-13	-25.13	0-360	300	H
6	12.06	-64.82	Pk	38.6	-22.8	11.8	0	-37.22	-13	-24.22	0-360	201	V
7	13.568	-62.56	Pk	38.7	-24.5	11.8	0	-36.56	-13	-23.56	0-360	101	V
3	13.596	-62.51	Pk	38.7	-24.7	11.8	0	-36.71	-13	-23.71	0-360	199	H
4	17.054	-65.55	Pk	41.6	-21.3	11.8	0	-33.45	-13	-20.45	0-360	199	H
8	17.752	-65.2	Pk	41.2	-20.6	11.8	0	-32.8	-13	-19.8	0-360	101	V

Pk - Peak detector

DL- Down Link