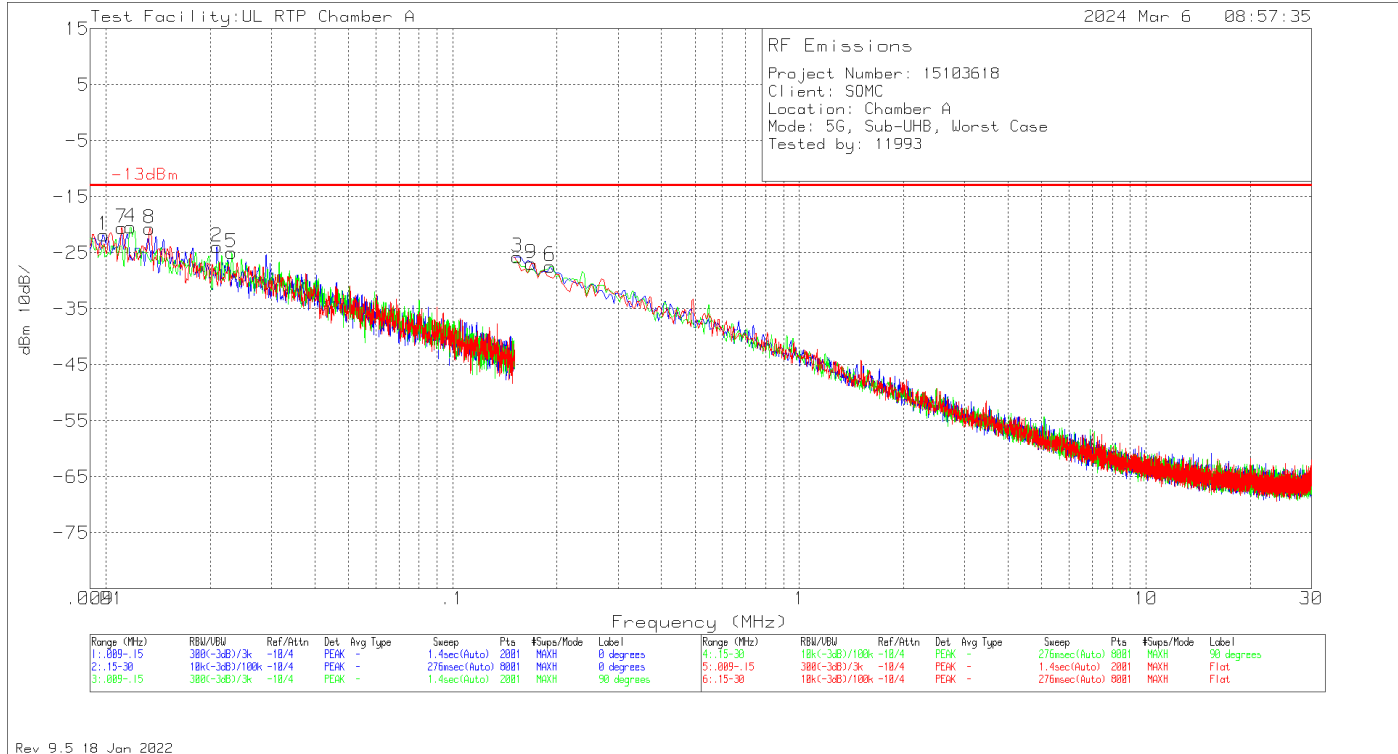


10.2.4. Sub-UHB Antenna

9kHz – 30MHz Worst-Case Emissions

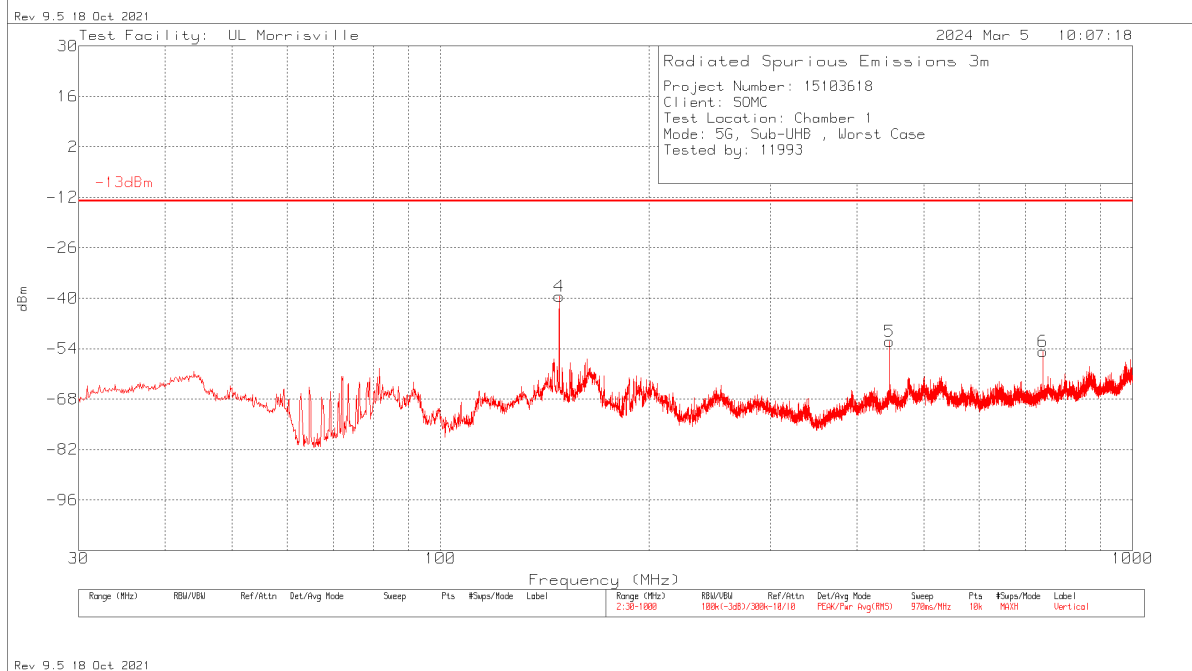
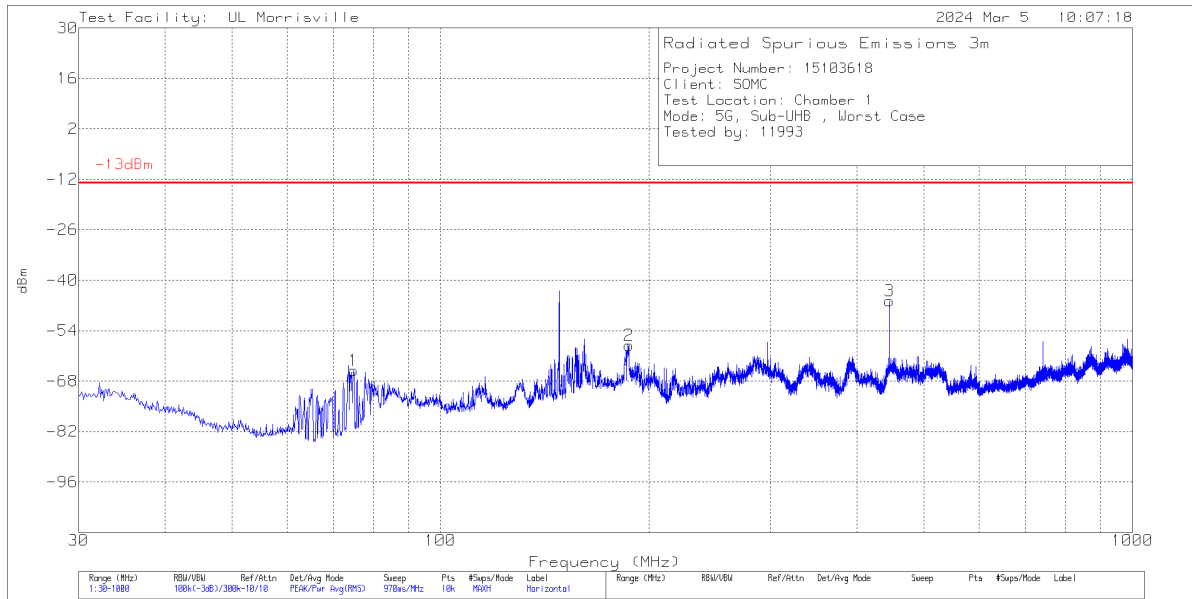


Rev 9.5 18 Jan 2022

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	135144 (dBuV/m)	DCF (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Loop Angle
1	.0099	-62.8	Pk	18.6	10.5	11.8	.1	-21.8	-13	-8.8	0-360	0 degs
7	.0111	-60.93	Pk	18	10.5	11.8	.1	-20.53	-13	-7.53	0-360	Flat
4	.0118	-60.52	Pk	17.7	10.5	11.8	.1	-20.42	-13	-7.42	0-360	90 degs
8	.0133	-60.11	Pk	17	10.5	11.8	.1	-20.71	-13	-7.71	0-360	Flat
2	.0209	-60.22	Pk	13.9	10.5	11.8	.1	-23.92	-13	-10.92	0-360	0 degs
5	.0231	-61.14	Pk	13.8	10.5	11.8	.1	-24.94	-13	-11.94	0-360	90 degs
3	.1537	-59.27	Pk	11.1	10.5	11.8	.1	-25.77	-13	-12.77	0-360	0 degs
9	.1687	-60.4	Pk	11.1	10.5	11.8	.1	-26.9	-13	-13.9	0-360	Flat
6	.191	-60.86	Pk	11.1	10.5	11.8	.1	-27.36	-13	-14.36	0-360	90 degs

Pk - Peak detector

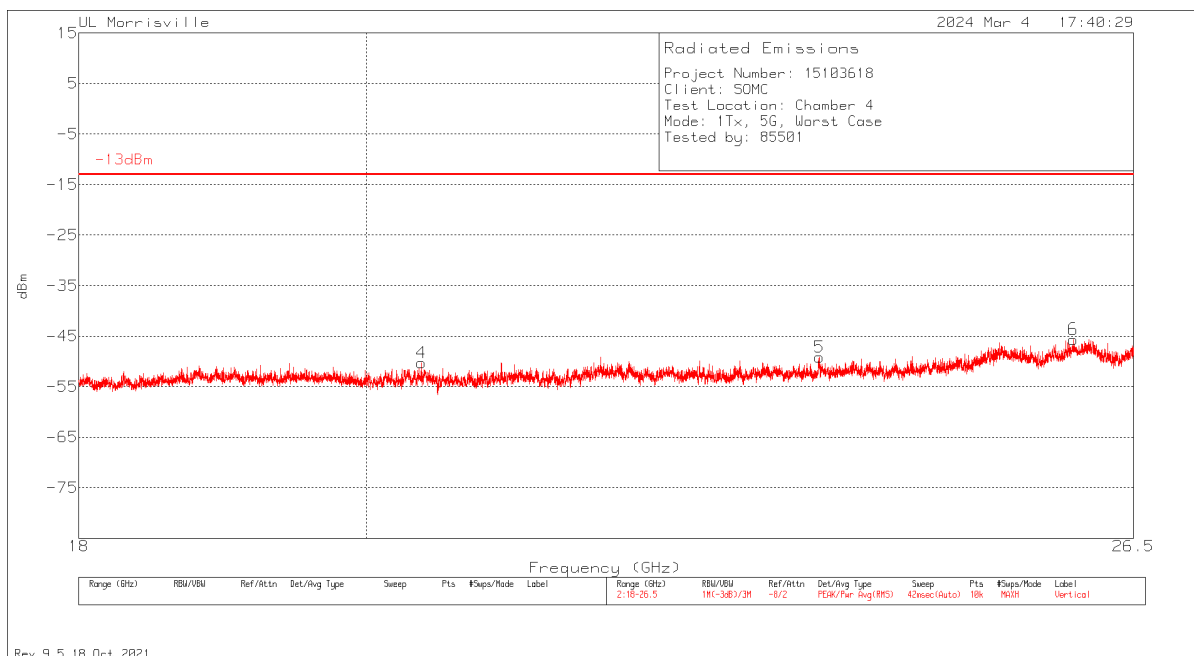
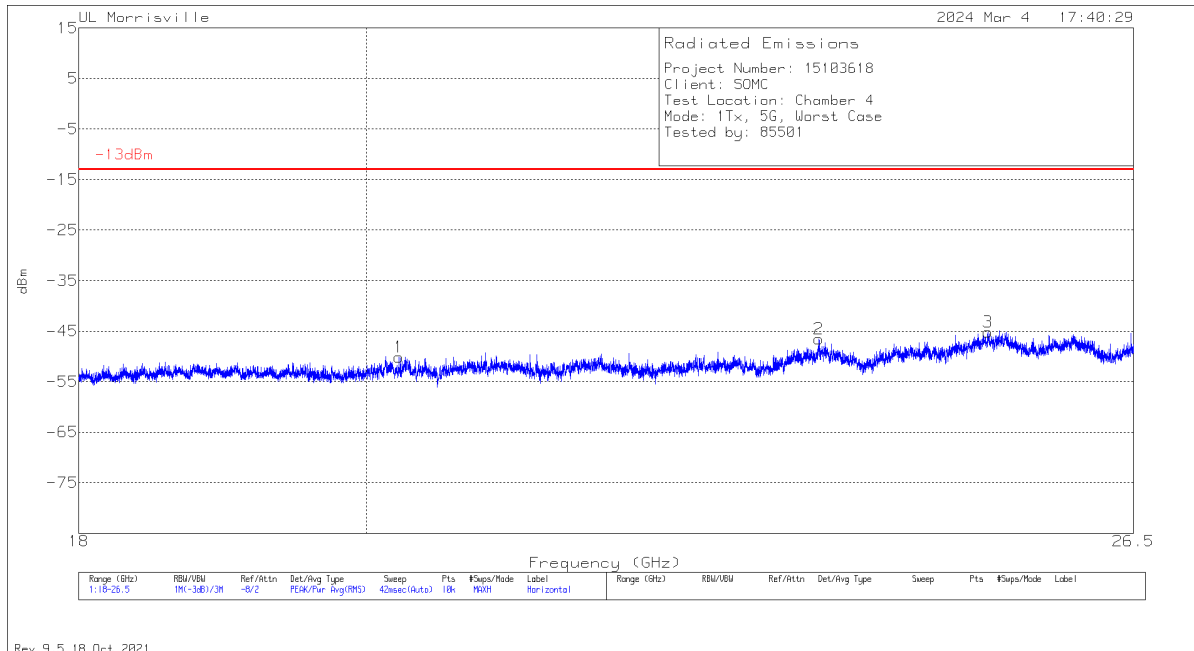
**30MHz – 1000MHz Worst-Case Emissions**



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	90629 (dB/m)	Gain/Loss (dB)	Filter (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	74.911	-60.28	Pk	14.4	-31.1	.1	11.8	-65.08	-13	-52.08	0-360	399	H
4	148.437	-39.9	Pk	18.8	-30.5	.3	11.8	-39.5	-13	-26.5	0-360	100	V
2	187.237	-57.46	Pk	17.6	-30.2	.2	11.8	-58.06	-13	-45.06	0-360	199	H
3	445.451	-52.21	Pk	22.8	-28.6	.4	11.8	-45.81	-13	-32.81	0-360	99	H
5	445.451	-58.37	Pk	22.8	-28.6	.4	11.8	-51.97	-13	-38.97	0-360	100	V
6	742.465	-66.32	Pk	27	-27.6	.4	11.8	-54.72	-13	-41.72	0-360	100	V

Pk - Peak detector

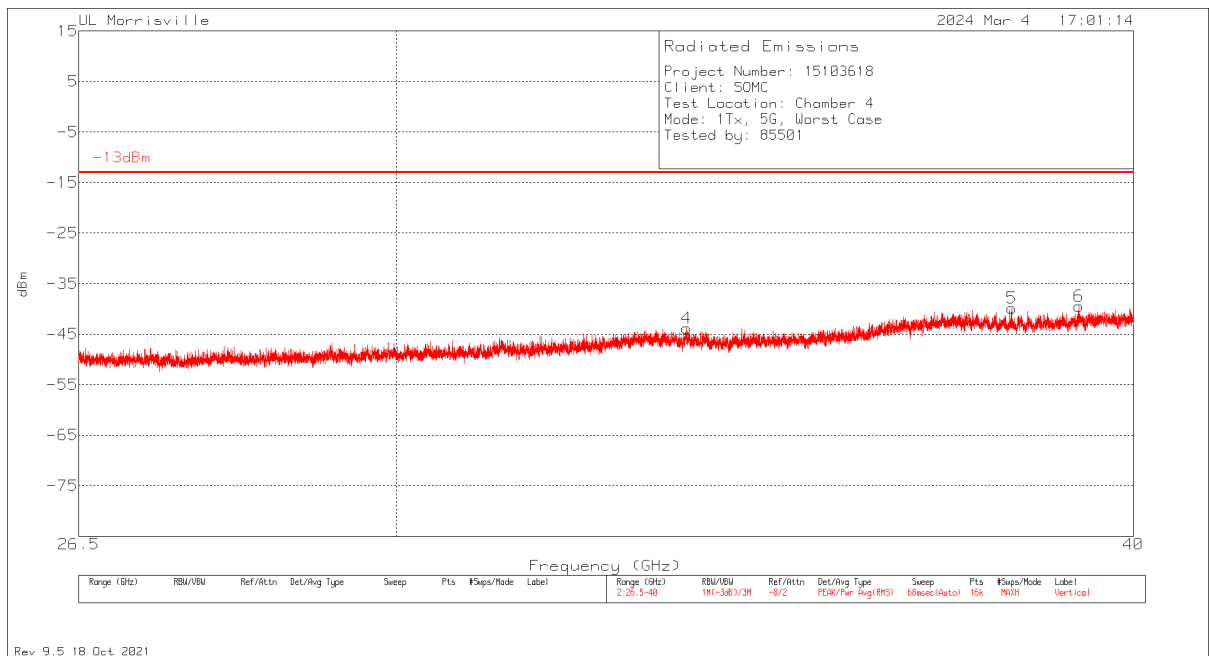
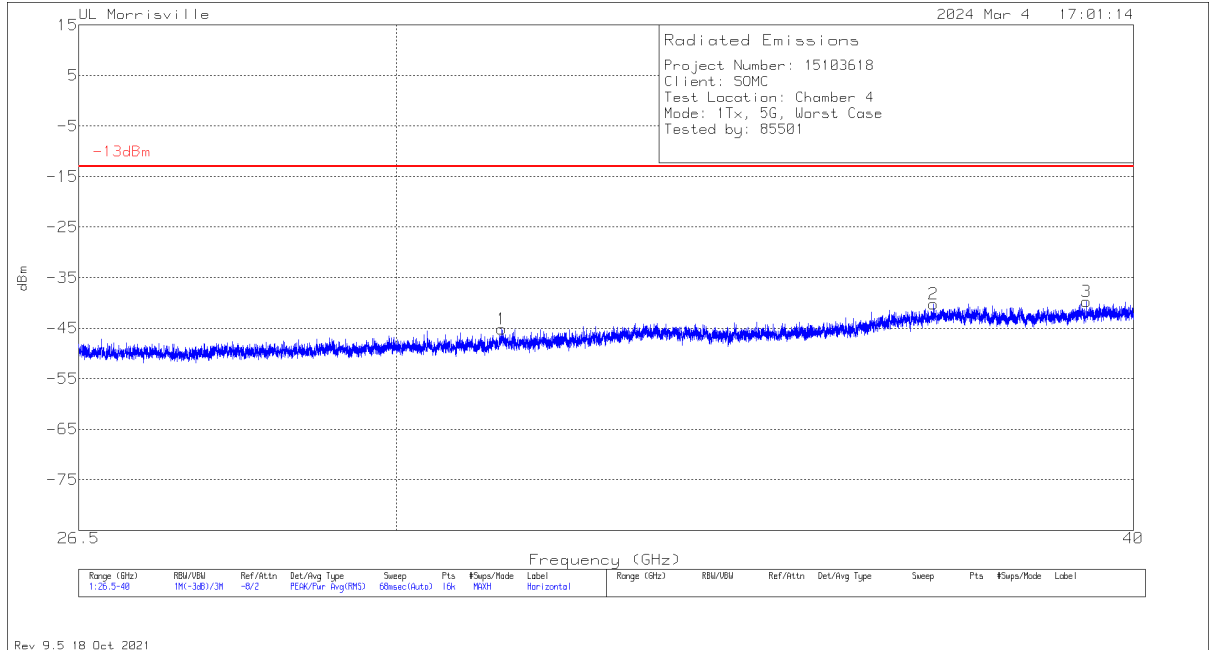
**18GHz – 26.5GHz Worst-Case Emissions**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	204704 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	20.24123	-56.2	Pk	33.5	-39.2	11.8	-50.1	-13	-37.1	0-360	100	H
4	20.40866	-55.39	Pk	33.6	-40.3	11.8	-50.29	-13	-37.29	0-360	300	V
2	23.61454	-56.78	Pk	34.6	-36.2	11.8	-46.58	-13	-33.58	0-360	100	H
5	23.61539	-59.38	Pk	34.6	-36.2	11.8	-49.18	-13	-36.18	0-360	300	V
3	25.12654	-57.61	Pk	35.6	-35	11.8	-45.21	-13	-32.21	0-360	150	H
6	25.91951	-58.62	Pk	35.3	-34.1	11.8	-45.62	-13	-32.62	0-360	300	V

Pk - Peak detector

**26.5GHz - 40GHz Worst-Case Emissions**

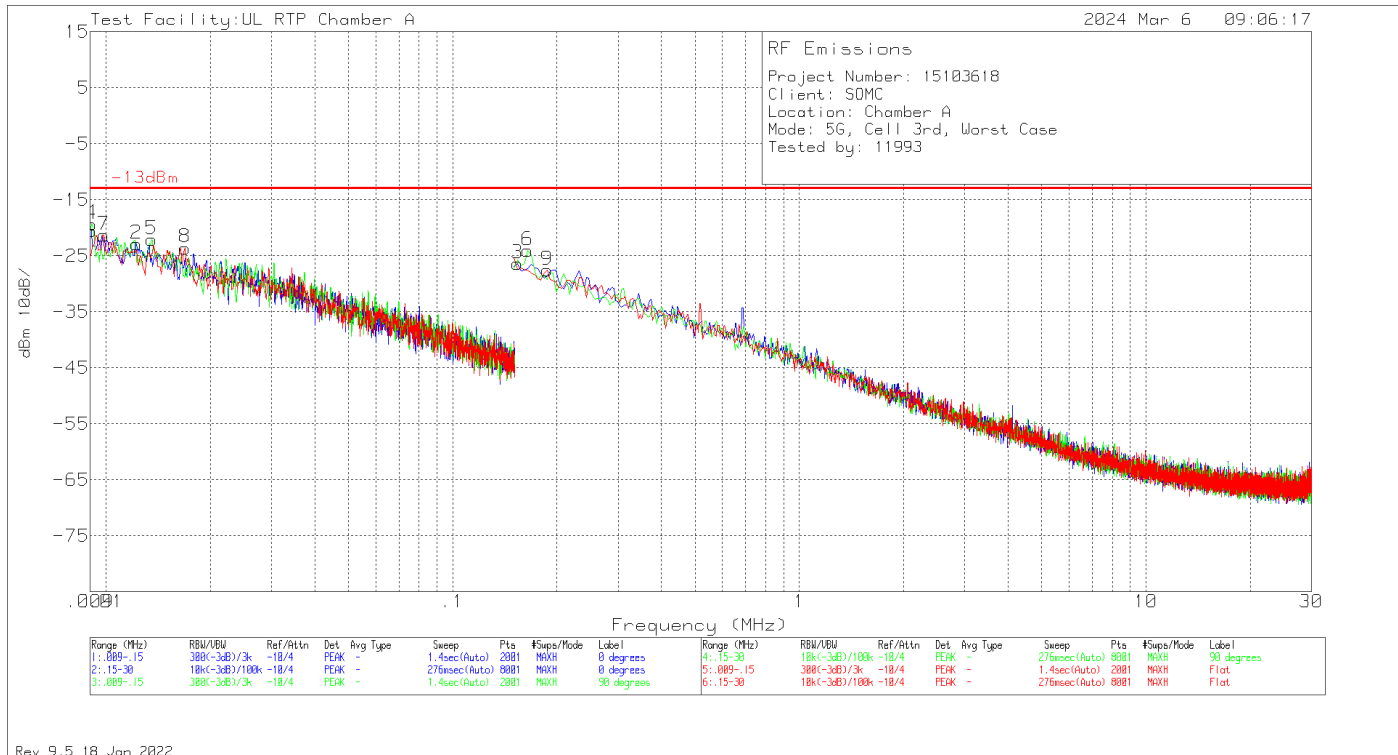


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	204705 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	31.25929	-62.11	Pk	37	-31.9	11.8	-45.21	-13	-32.21	0-360	250	H
4	33.59634	-61.56	Pk	37.3	-31.3	11.8	-43.76	-13	-30.76	0-360	300	V
2	37.00065	-56.92	Pk	38	-33.1	11.8	-40.22	-13	-27.22	0-360	100	H
5	38.14133	-57.95	Pk	38.2	-31.9	11.8	-39.85	-13	-26.85	0-360	300	V
6	39.15292	-59.1	Pk	38.5	-30.7	11.8	-39.5	-13	-26.5	0-360	300	V
3	39.2702	-58.59	Pk	38.5	-31.4	11.8	-39.69	-13	-26.69	0-360	100	H

Pk - Peak detector

10.2.5. Cell 3<sup>rd</sup>

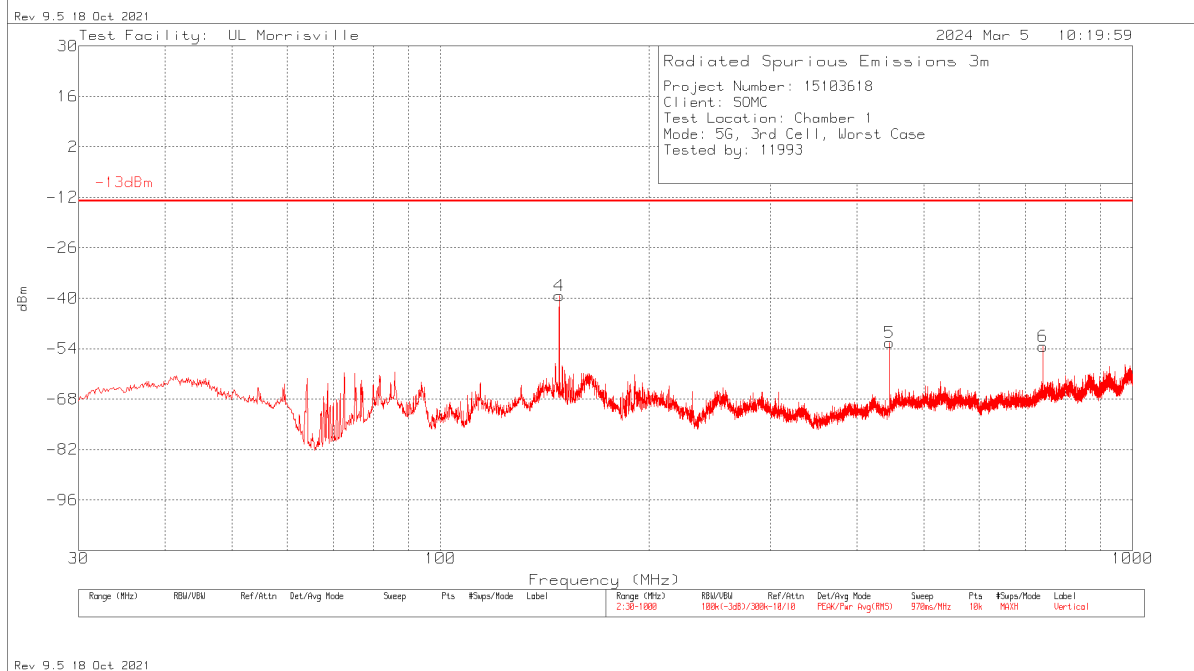
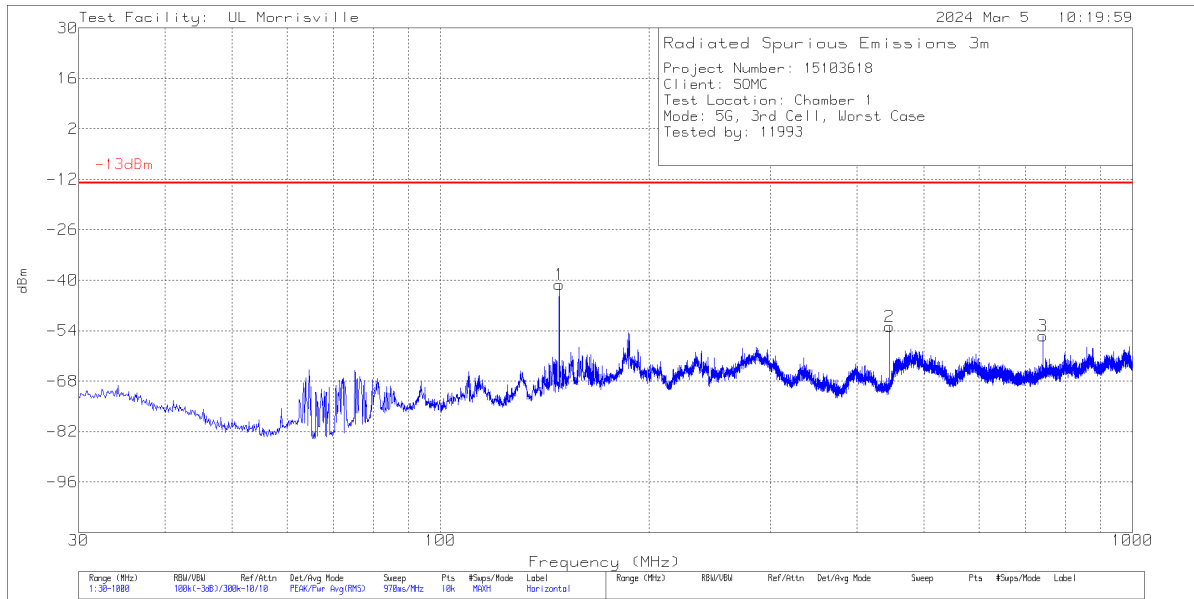
9kHz – 30MHz Worst-Case Emissions



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	135144 (dBuV/m)	DCF (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Loop Angle
1	.0091	-61.81	Pk	18.9	10.5	11.8	.1	-20.51	-13	-7.51	0-360	0 degs
4	.0091	-60.61	Pk	18.9	10.5	11.8	.1	-19.31	-13	-6.31	0-360	90 degs
7	.0099	-62.27	Pk	18.6	10.5	11.8	.1	-21.27	-13	-8.27	0-360	Flat
2	.0123	-62.72	Pk	17.5	10.5	11.8	.1	-22.82	-13	-9.82	0-360	0 degs
5	.0135	-61.38	Pk	16.9	10.5	11.8	.1	-22.08	-13	-9.08	0-360	90 degs
8	.0169	-61.39	Pk	15.4	10.5	11.8	.1	-23.59	-13	-10.59	0-360	Flat
3	.1537	-59.93	Pk	11.1	10.5	11.8	.1	-26.43	-13	-13.43	0-360	0 degs
6	.1649	-57.53	Pk	11.1	10.5	11.8	.1	-24.03	-13	-11.03	0-360	90 degs
9	.1873	-61.09	Pk	11.1	10.5	11.8	.1	-27.59	-13	-14.59	0-360	Flat

Pk - Peak detector

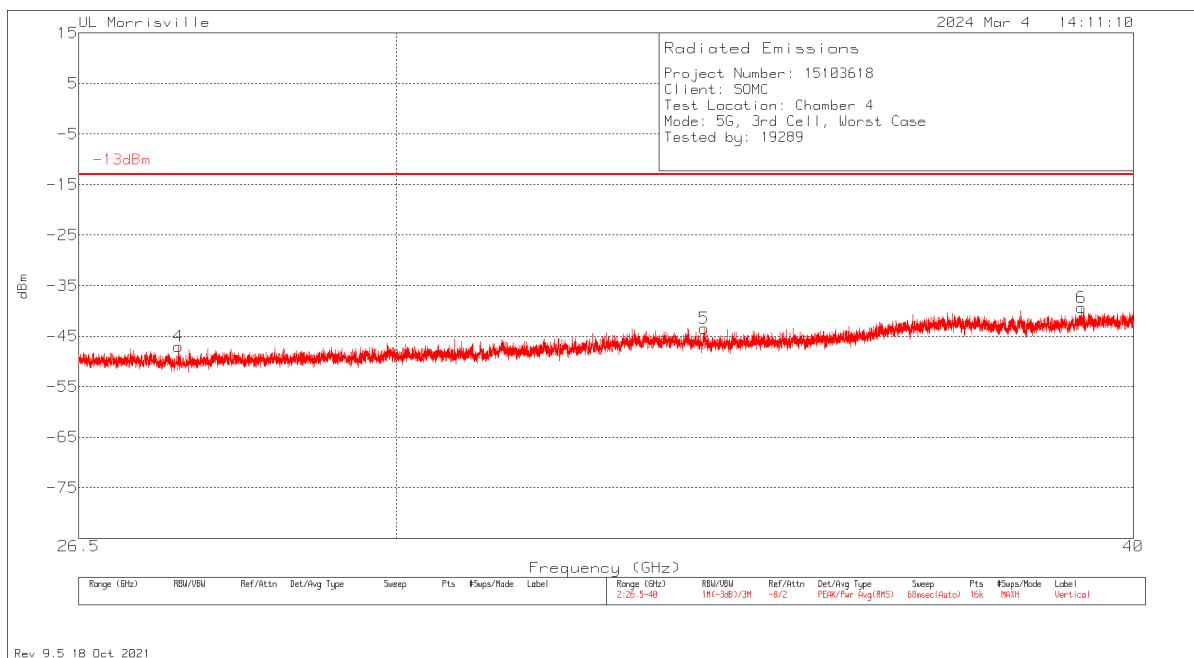
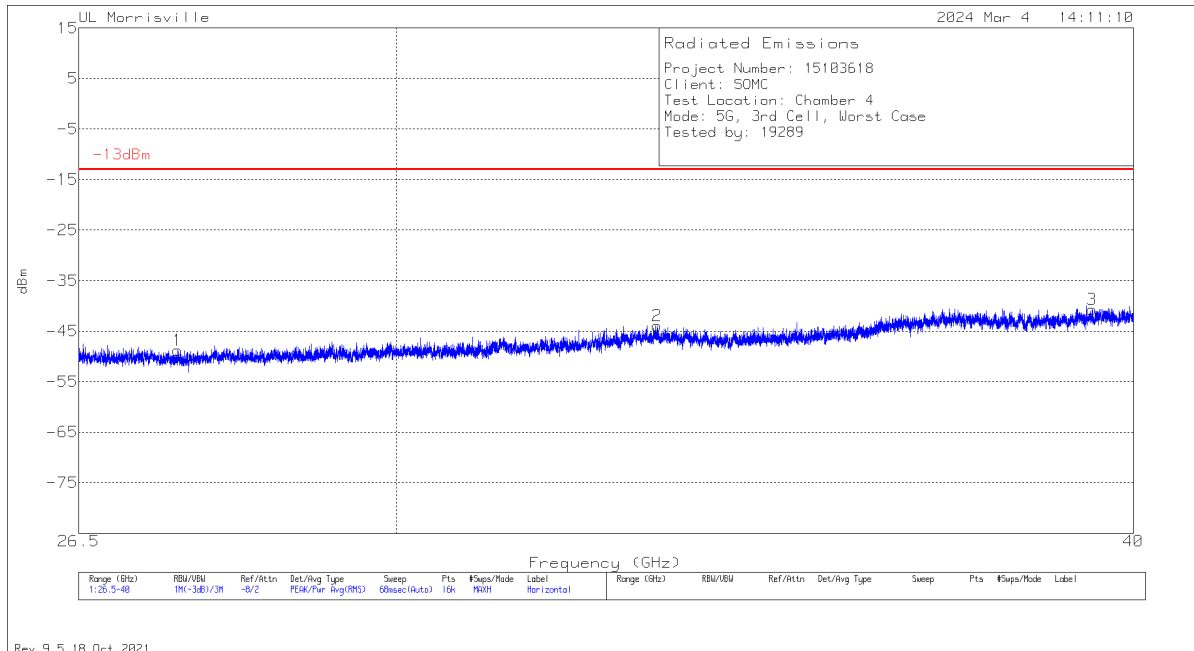
**30MHz – 1000MHz Worst-Case Emissions**



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	90629 (dB/m)	Gain/Loss (dB)	Filter (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	148.437	-41.62	Pk	18.8	-30.5	.3	11.8	-41.22	-13	-28.22	0-360	199	H
4	148.437	-39.65	Pk	18.8	-30.5	.3	11.8	-39.25	-13	-26.25	0-360	100	V
2	445.451	-59.29	Pk	22.8	-28.6	.4	11.8	-52.89	-13	-39.89	0-360	100	H
5	445.451	-58.74	Pk	22.8	-28.6	.4	11.8	-52.34	-13	-39.34	0-360	100	V
6	742.465	-65.04	Pk	27	-27.6	.4	11.8	-53.44	-13	-40.44	0-360	100	V
3	742.562	-67.01	Pk	27	-27.6	.4	11.8	-55.41	-13	-42.41	0-360	100	H

Pk - Peak detector

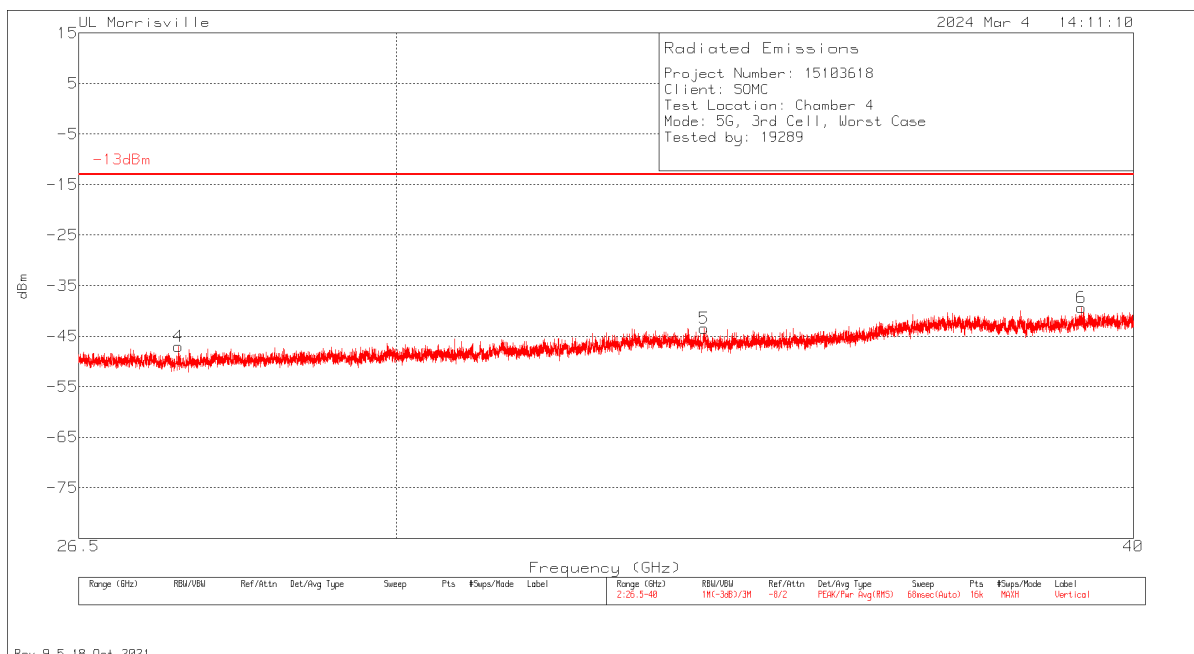
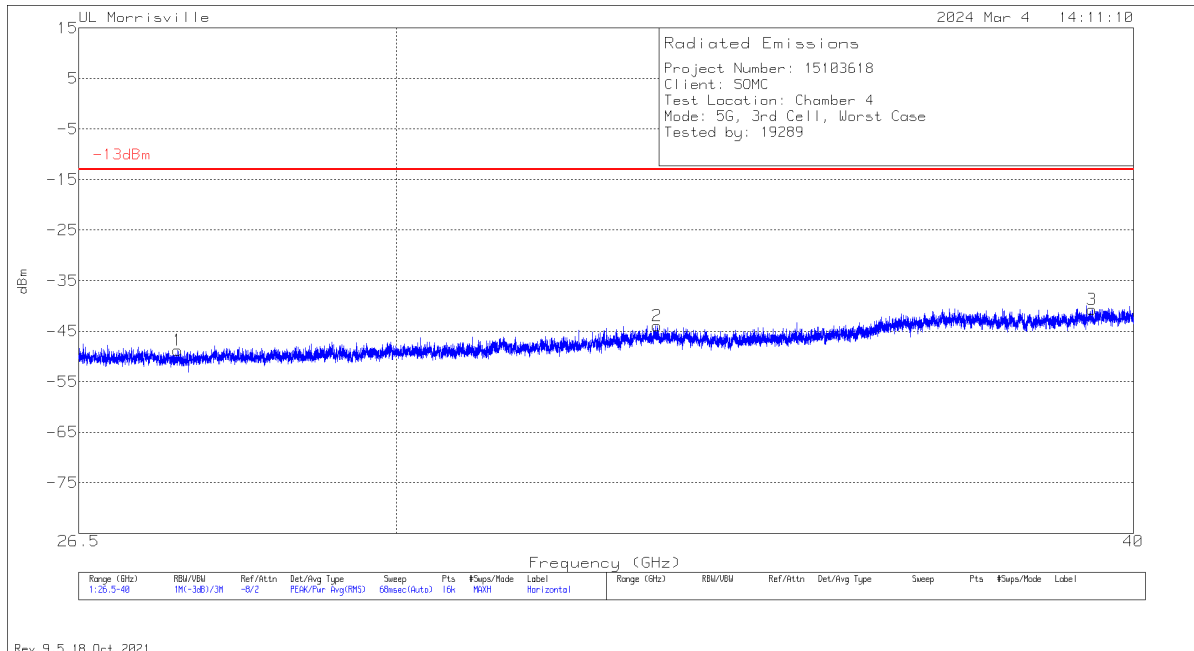
**18GHz – 26.5GHz Worst-Case Emissions**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	204705 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	27.54618	-63.71	Pk	35.9	-32.8	11.8	-48.81	-13	-35.81	0-360	250	H
4	27.55293	-61.97	Pk	35.9	-32.8	11.8	-47.07	-13	-34.07	0-360	300	V
2	33.21077	-61.41	Pk	37	-31.3	11.8	-43.91	-13	-30.91	0-360	250	H
5	33.82413	-61.31	Pk	37.4	-31.3	11.8	-43.41	-13	-30.41	0-360	300	V
6	39.20017	-58.38	Pk	38.5	-31.3	11.8	-39.38	-13	-26.38	0-360	250	V
3	39.36216	-60.25	Pk	38.5	-30.8	11.8	-40.75	-13	-27.75	0-360	150	H

Pk - Peak detector

**26.5GHz - 40GHz Worst-Case Emissions**



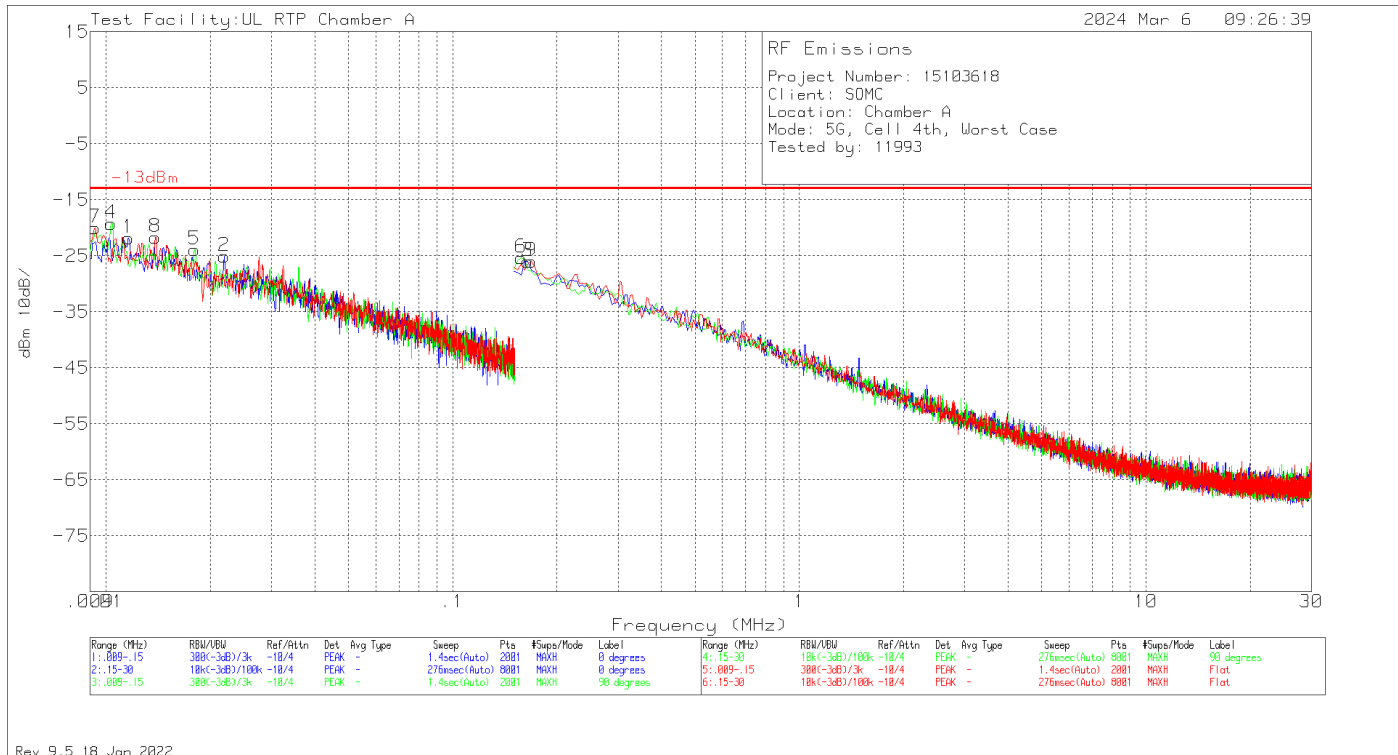
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	204705 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	27.54618	-63.71	Pk	35.9	-32.8	11.8	-48.81	-13	-35.81	0-360	250	H
4	27.55293	-61.97	Pk	35.9	-32.8	11.8	-47.07	-13	-34.07	0-360	300	V
2	33.21077	-61.41	Pk	37	-31.3	11.8	-43.91	-13	-30.91	0-360	250	H
5	33.82413	-61.31	Pk	37.4	-31.3	11.8	-43.41	-13	-30.41	0-360	300	V
6	39.20017	-58.38	Pk	38.5	-31.3	11.8	-39.38	-13	-26.38	0-360	250	V
3	39.36216	-60.25	Pk	38.5	-30.8	11.8	-40.75	-13	-27.75	0-360	150	H

Pk - Peak detector



10.2.6. Cell 4<sup>th</sup>

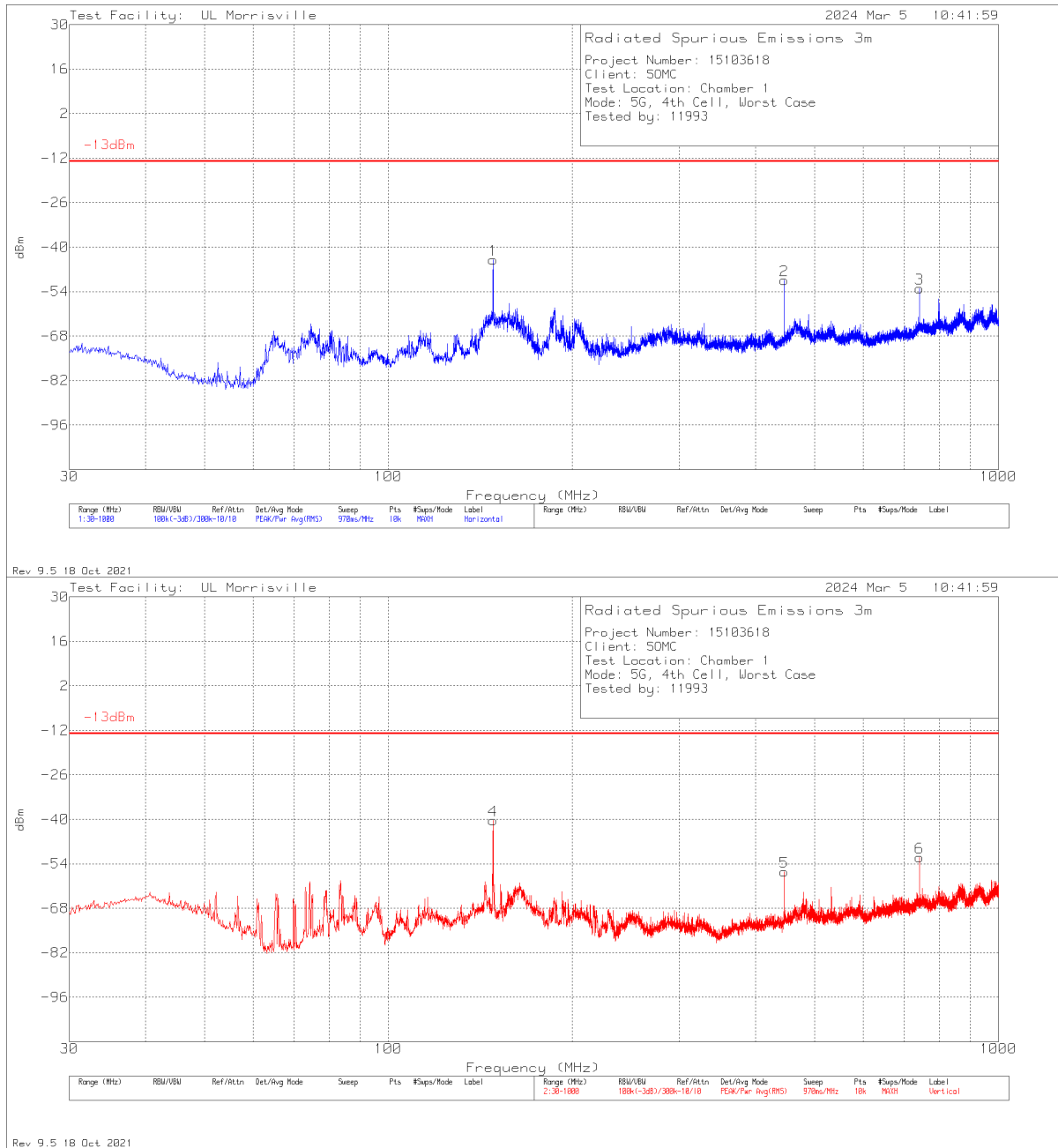
9kHz – 30MHz Worst-Case Emissions



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	135144 (dBuV/m)	DCF (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Loop Angle
7	.0093	-61.28	Pk	18.8	10.5	11.8	.1	-20.08	-13	-7.08	0-360	Flat
4	.0103	-59.89	Pk	18.3	10.5	11.8	.1	-19.19	-13	-6.19	0-360	90 degs
1	.0116	-61.91	Pk	17.7	10.5	11.8	.1	-21.81	-13	-8.81	0-360	0 degs
8	.0139	-60.77	Pk	16.7	10.5	11.8	.1	-21.67	-13	-8.67	0-360	Flat
5	.018	-61.07	Pk	14.8	10.5	11.8	.1	-23.87	-13	-10.87	0-360	90 degs
2	.0219	-61.32	Pk	13.8	10.5	11.8	.1	-25.12	-13	-12.12	0-360	0 degs
6	.1575	-58.89	Pk	11.1	10.5	11.8	.1	-25.39	-13	-12.39	0-360	90 degs
3	.1649	-59.47	Pk	11.1	10.5	11.8	.1	-25.97	-13	-12.97	0-360	0 degs
9	.1687	-59.51	Pk	11.1	10.5	11.8	.1	-26.01	-13	-13.01	0-360	Flat

Pk - Peak detector

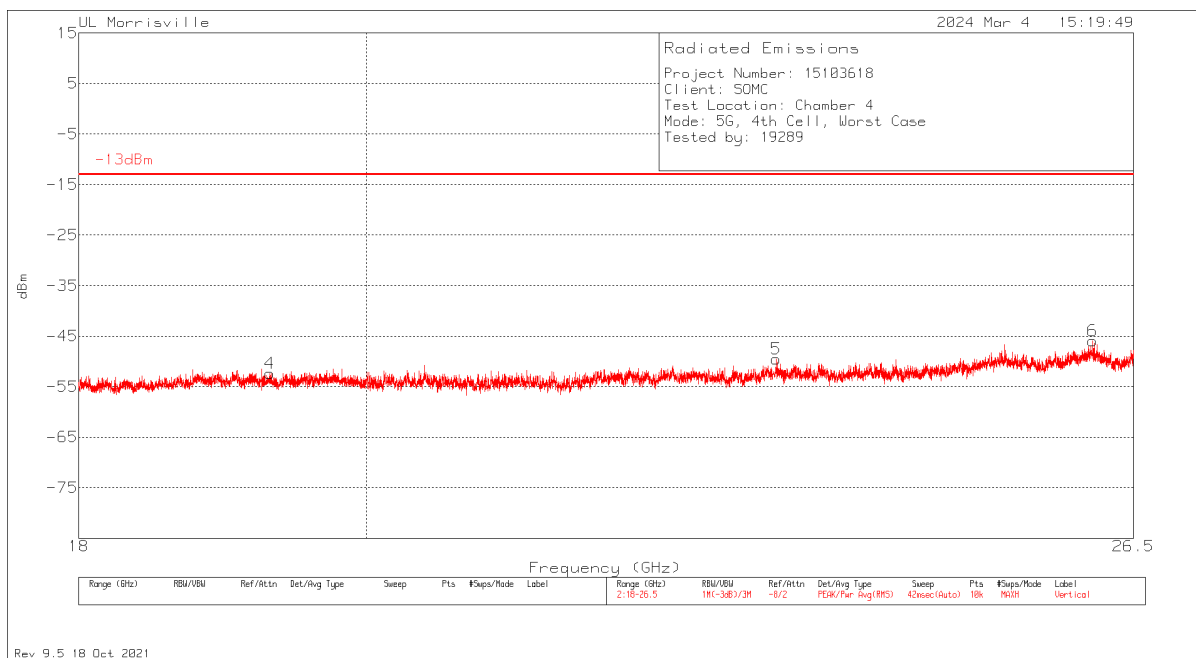
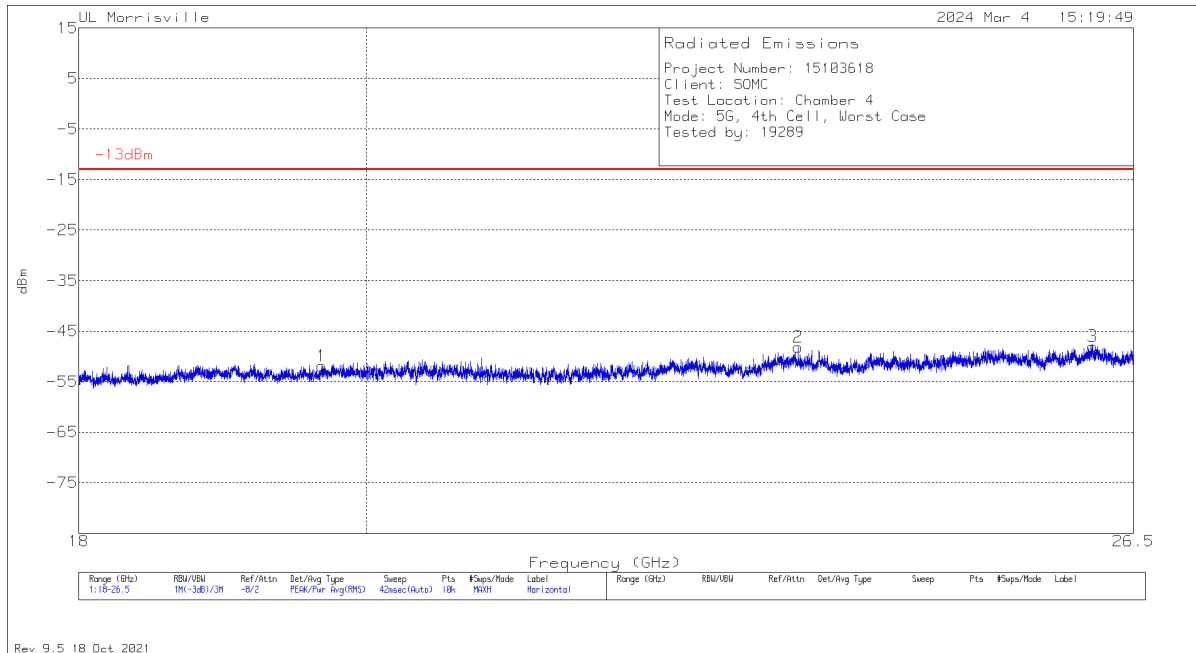
**30MHz – 1000MHz Worst-Case Emissions**



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	90629 (dB/m)	Gain/Loss (dB)	Filter (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	148.437	-44.41	Pk	18.8	-30.5	.3	11.8	-44.01	-13	-31.01	0-360	399	H
4	148.437	-40.76	Pk	18.8	-30.5	.3	11.8	-40.36	-13	-27.36	0-360	100	V
2	445.451	-56.79	Pk	22.8	-28.6	.4	11.8	-50.39	-13	-37.39	0-360	100	H
5	445.451	-62.95	Pk	22.8	-28.6	.4	11.8	-56.55	-13	-43.55	0-360	100	V
6	742.465	-63.54	Pk	27	-27.6	.4	11.8	-51.94	-13	-38.94	0-360	100	V
3	742.562	-64.61	Pk	27	-27.6	.4	11.8	-53.01	-13	-40.01	0-360	100	H

Pk - Peak detector

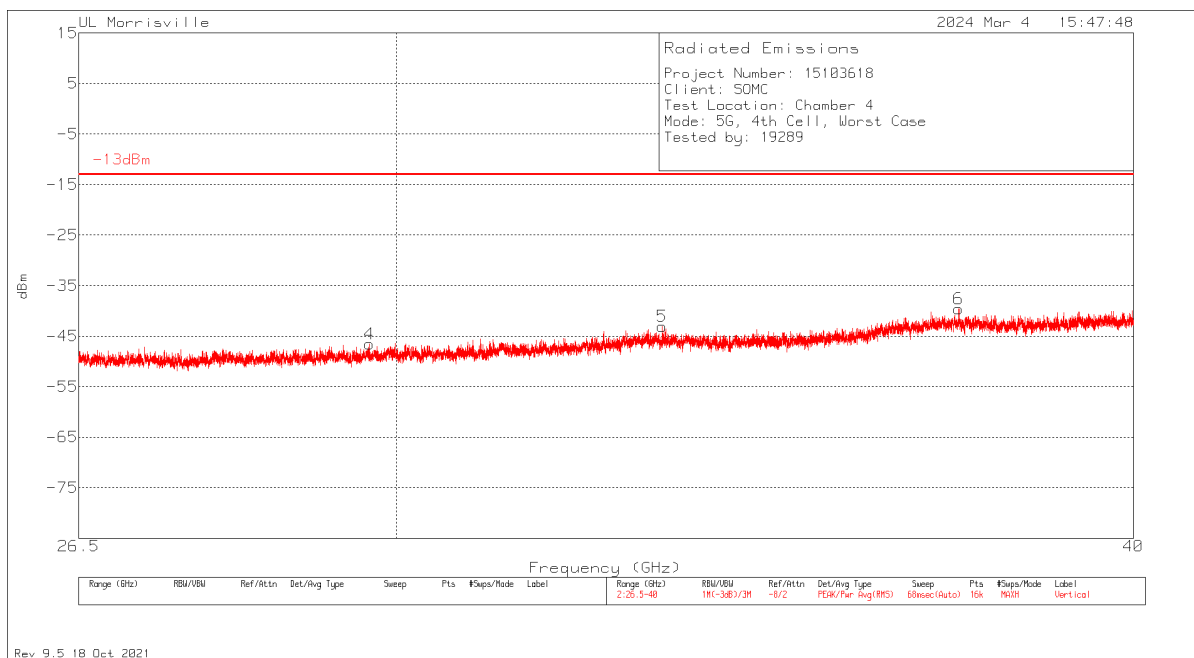
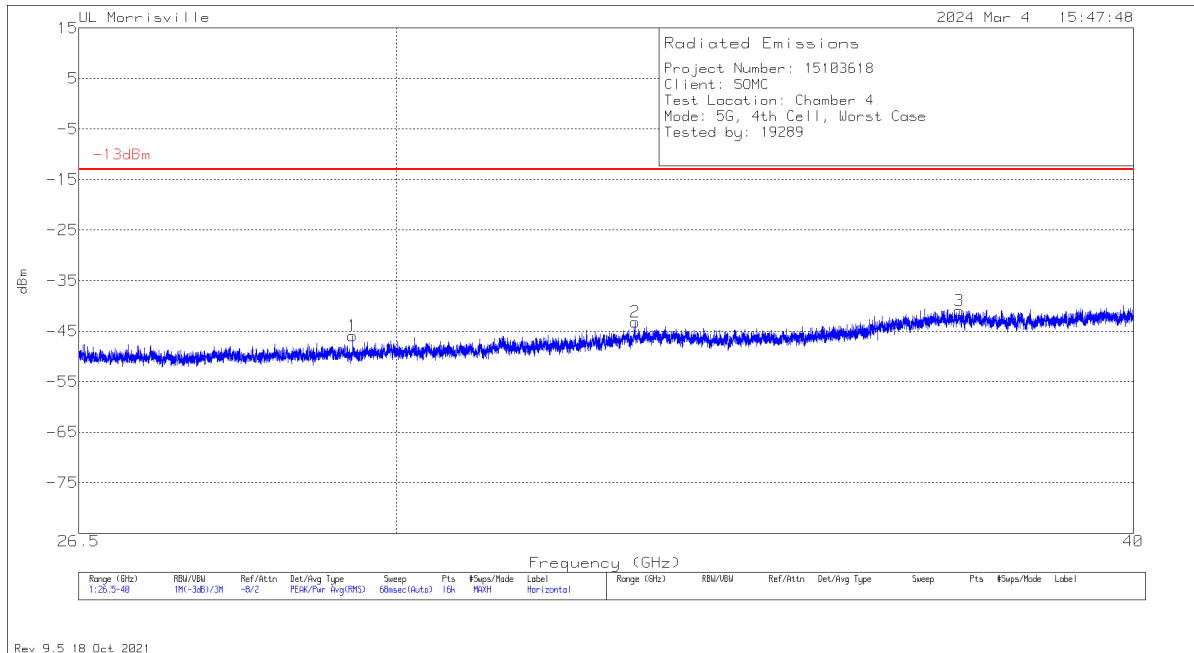
**18GHz – 26.5GHz Worst-Case Emissions**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	204704 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	19.30717	-57.45	Pk	33.3	-40	11.8	-52.35	-13	-39.35	0-360	250	V
1	19.67773	-56.8	Pk	33.2	-40.1	11.8	-51.9	-13	-38.9	0-360	250	H
5	23.24568	-57.96	Pk	34.3	-37.7	11.8	-49.56	-13	-36.56	0-360	100	V
2	23.43436	-56.76	Pk	34.6	-37.8	11.8	-48.16	-13	-35.16	0-360	300	H
3	26.10649	-61.38	Pk	35.2	-33.6	11.8	-47.98	-13	-34.98	0-360	250	H
6	26.10734	-59.19	Pk	35.2	-33.7	11.8	-45.89	-13	-32.89	0-360	250	V

Pk - Peak detector

**26.5GHz - 40GHz Worst-Case Emissions**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	204705 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading dBm	-13dBm	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	29.49091	-62.24	Pk	36.2	-31.7	11.8	-45.94	-13	-32.94	0-360	250	H
4	29.68496	-63.13	Pk	36.7	-31.9	11.8	-46.53	-13	-33.53	0-360	300	V
2	32.92644	-61.32	Pk	37.3	-31	11.8	-43.22	-13	-30.22	0-360	250	H
5	33.27657	-59.76	Pk	37	-32.1	11.8	-43.06	-13	-30.06	0-360	300	V
6	37.36176	-56.45	Pk	37.9	-32.8	11.8	-39.55	-13	-26.55	0-360	300	V
3	37.36766	-58.13	Pk	37.9	-32.5	11.8	-40.93	-13	-27.93	0-360	150	H

Pk - Peak detector

### 10.3. Simultaneous Transmission

#### Scans:

Scan #	Mode	Mode	Mode
1	LTE B66 QPSK, 20M, RB1-49, 1745MHz (Main2)	BT GFSK C0 2441MHz	WLAN UNII-1 11ax HE20 26T RU4 MCS0 5240MHz (CH 48) MIMO
2	LTE B66 QPSK, 20M, RB1-49, 1745MHz [(Main2)	BT GFSK C1 2441MHz	WLAN UNII-1 11ax HE20 26T RU4 MCS0 5240MHz (CH 48) MIMO
3	LTE B66 QPSK, 20M, RB1-49, 1745MHz (Main2)	2442MHz 11g 6Mbps MIMO	-
4	FR1 n41 PC2, BPSK, 100M, RB1-135, 2549.995MHz, UL-MIMO (2T4R) (Main2 + Cell Sub)	WLAN UNII-5 11ax HE40 484T RU65 MCS0 6365MHz (CH 83) MIMO	-
5	FR1 n41 PC2, BPSK, 100M, RB1-135, 2549.995MHz, (2T4R) (Cell 3rd + Cell 4th)	WLAN UNII-5 11ax HE40 484T RU65 MCS0 6365MHz (CH 83) MIMO	-
6	LTE B12 QPSK, 10M, RB1-24, 704MHz (Main1)	2462MHz 11g 6Mbps MIMO	-
7	FR2 n261 QPSK, 50M, RB1-15, 27.525GHz, SISO 2Tx (ANT0)	BT GFSK C0 2441MHz	WLAN UNII-8 11ax HE160 2*996T RU68 MCS0 6985MHz (Ch 207) MIMO
8	FR2 n261 QPSK, 50M, RB1-15, 27.525GHz, SISO 2Tx (ANT1)	BT GFSK C1 2441MHz	WLAN UNII-8 11ax HE160 2*996T RU68 MCS0 6985MHz (Ch 207) MIMO

#### LIMITS (LTE Band 66, LTE Band 12, FR2 n261)

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.

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.

FCC: §30.203 (a)

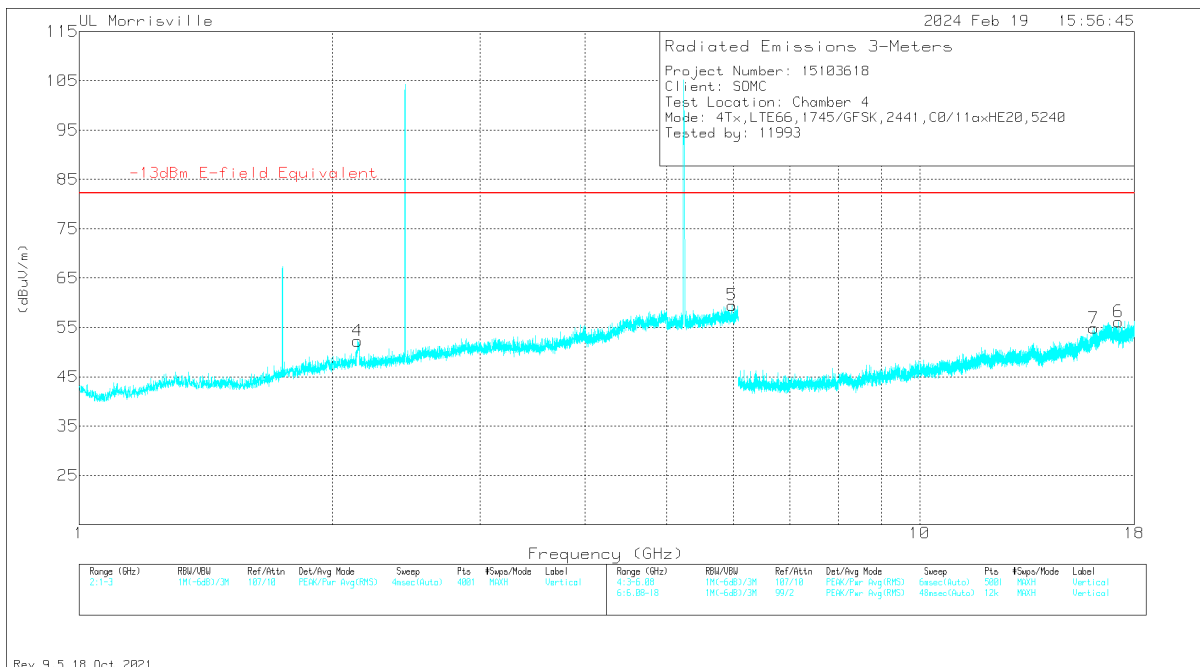
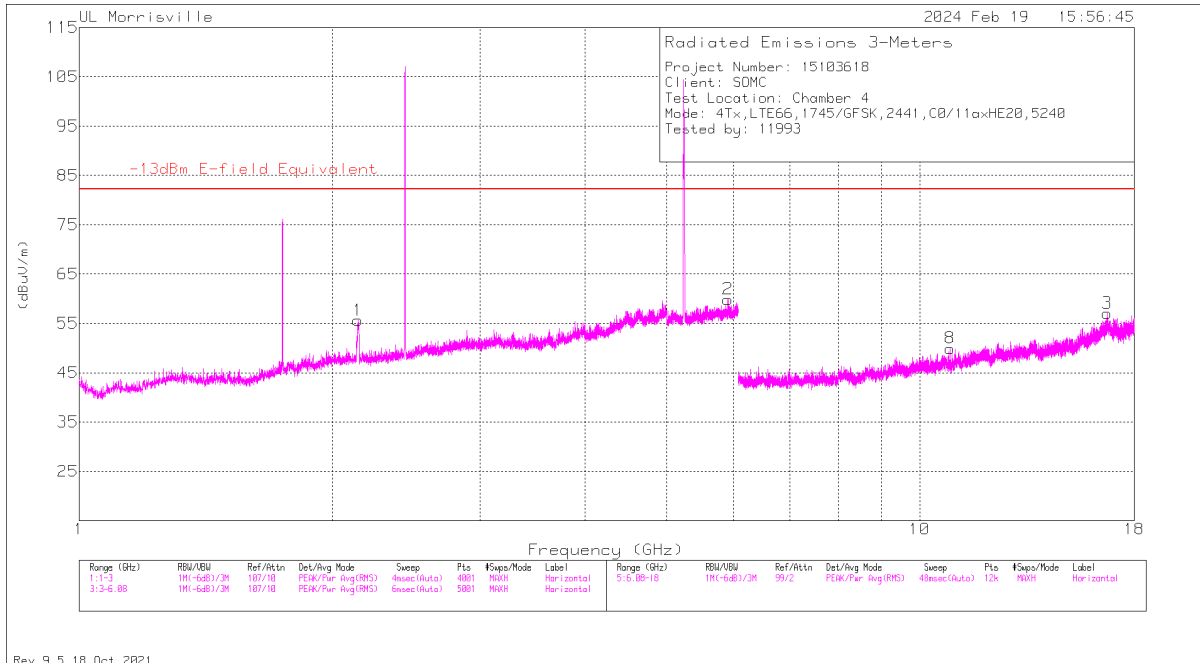
The conductive power or the total radiated power of any emission outside the licensee's frequency block shall be -13dBm/MHz or lower.

#### LIMITS (LTE Band 41, 5G NR n41)

FCC: §27.53 (m)

At least  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

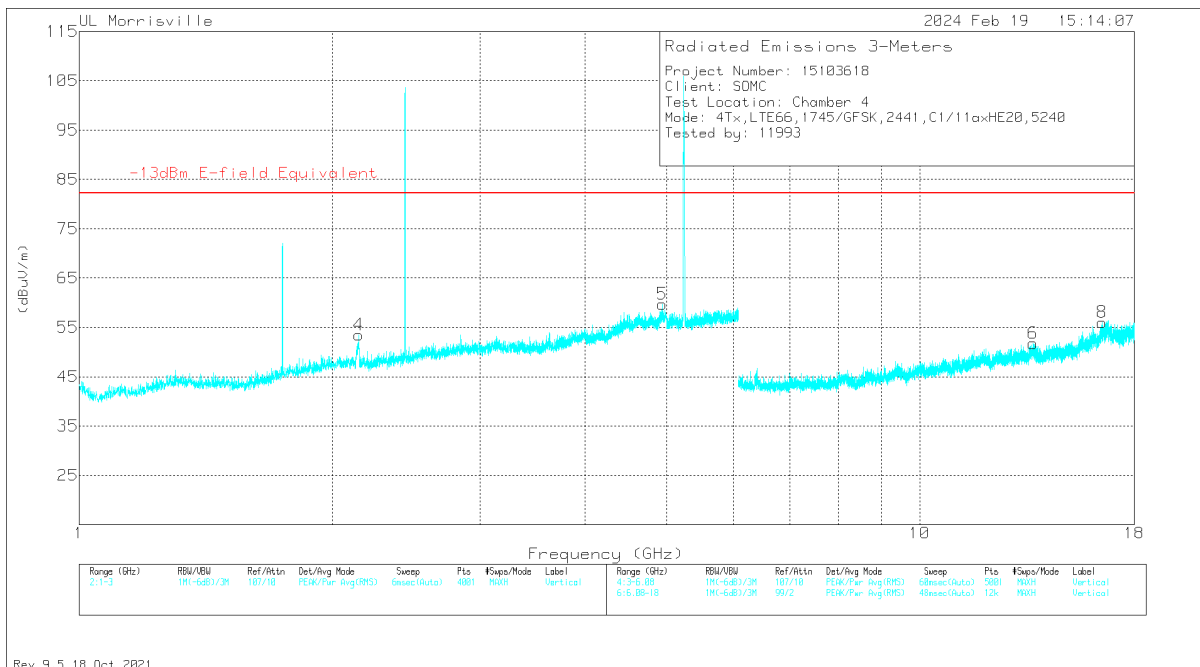
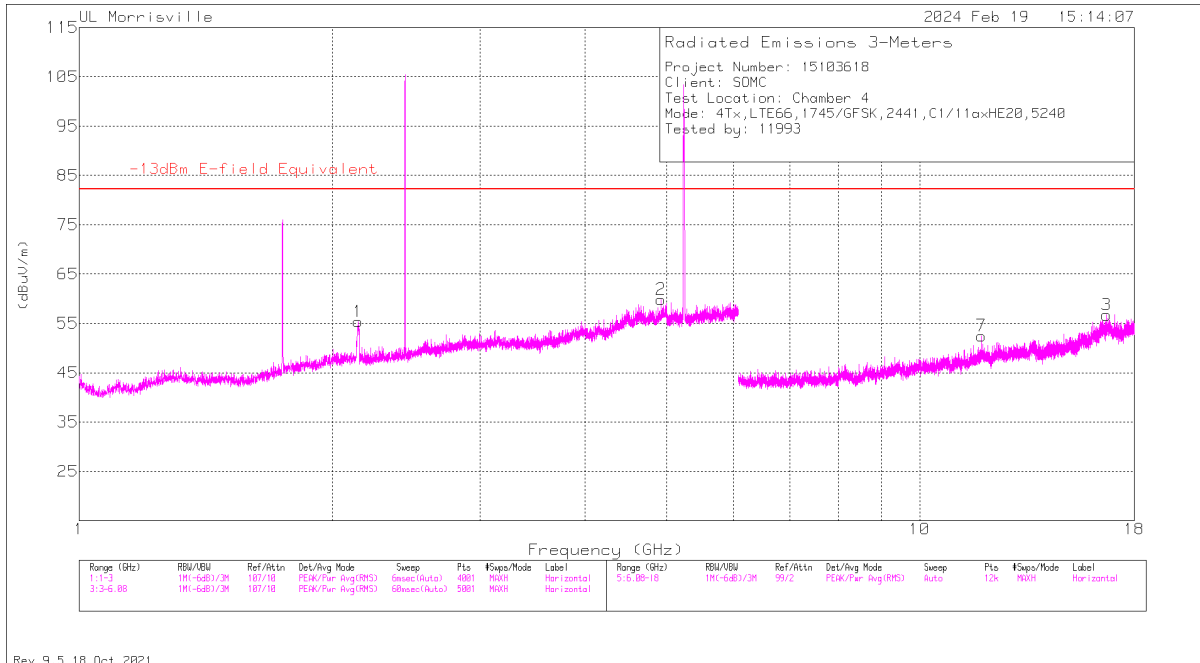
10.3.1. Scan 1



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8	10.87085	36.56	Pk	37.9	-24.5	0	49.96	82.2	-32.24	0-360	100	H
7	16.10869	34.85	Pk	40.9	-20.9	0	54.85	82.2	-27.35	0-360	200	V
3	16.72257	34.47	Pk	41.8	-19.2	0	57.07	82.2	-25.13	0-360	100	H
6	17.23712	34.66	Pk	41.2	-19.7	0	56.16	82.2	-26.04	0-360	200	V
4 (DL)	2.144	33.07	Pk	31.5	-13.5	1.2	52.27	-	-29.93	0-360	200	V
1 (DL)	2.1455	36.31	Pk	31.6	-13.5	1.2	55.61	-	-	0-360	100	H
2	5.91306	32.89	Pk	34.9	-8.3	.4	59.89	82.2	-22.31	0-360	100	H
5	5.98206	32.51	Pk	35	-8.4	.4	59.51	82.2	-22.69	0-360	200	V

Pk - Peak detector

10.3.2. Scan 2

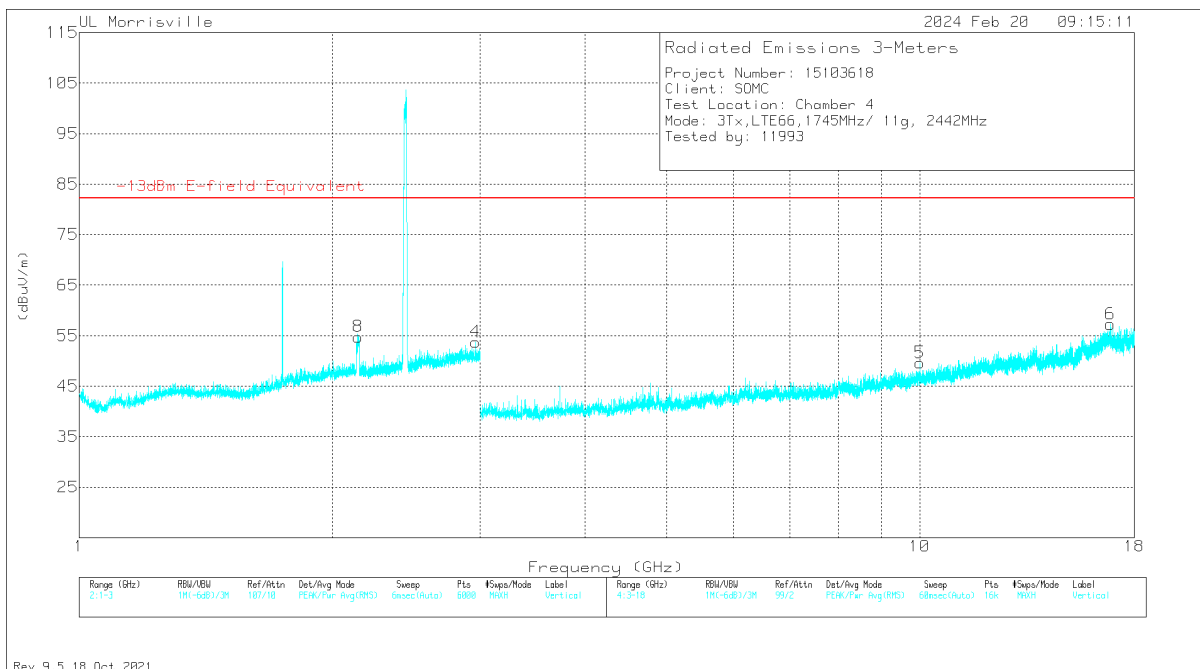
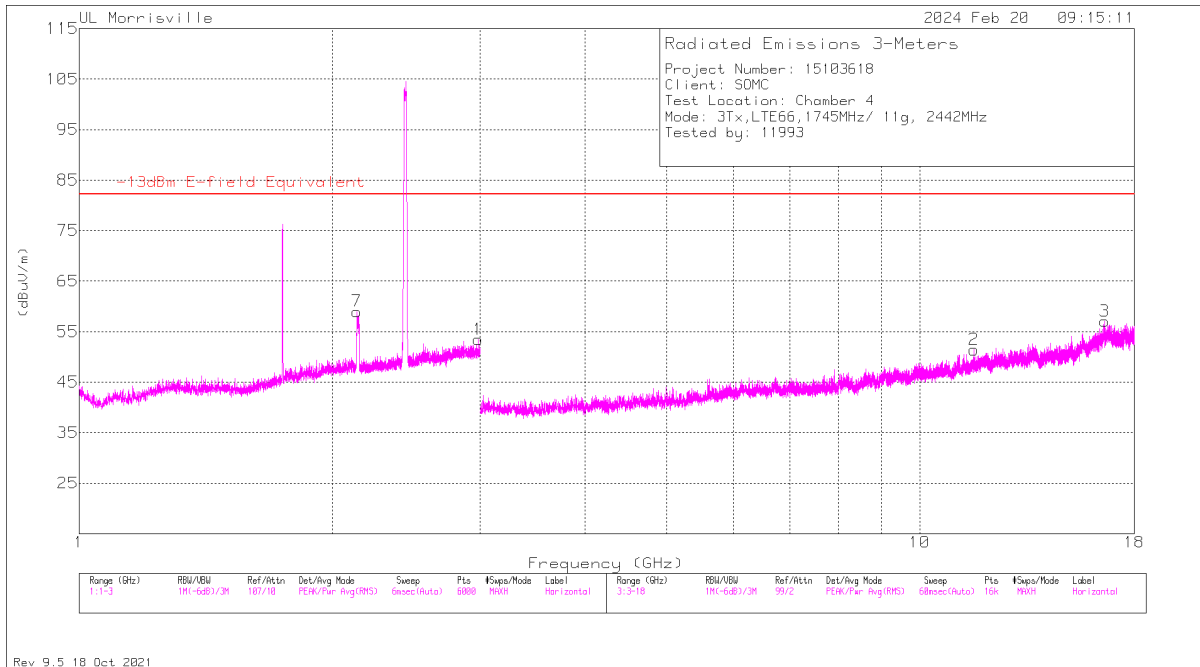




Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1 (DL)	2.1465	36.16	Pk	31.6	-13.6	1.2	55.36	-	-	0-360	100	H
4 (DL)	2.151	34.38	Pk	31.6	-13.6	1.1	53.48	-	-	0-360	200	V
2	4.92438	35.44	Pk	34	-9.9	.3	59.84	82.2	-22.36	0-360	100	H
5	4.9367	35.21	Pk	33.9	-9.7	.3	59.71	82.2	-22.49	0-360	200	V
7	11.84034	37.25	Pk	38.6	-23.4	0	52.45	82.2	-29.75	0-360	100	H
6	13.63827	34.86	Pk	38.6	-21.7	0	51.76	82.2	-30.44	0-360	200	V
8	16.48616	34.03	Pk	41.4	-19.4	0	56.03	82.2	-26.17	0-360	200	V
3	16.69078	35.02	Pk	41.8	-20.1	0	56.72	82.2	-25.48	0-360	100	H

Pk - Peak detector

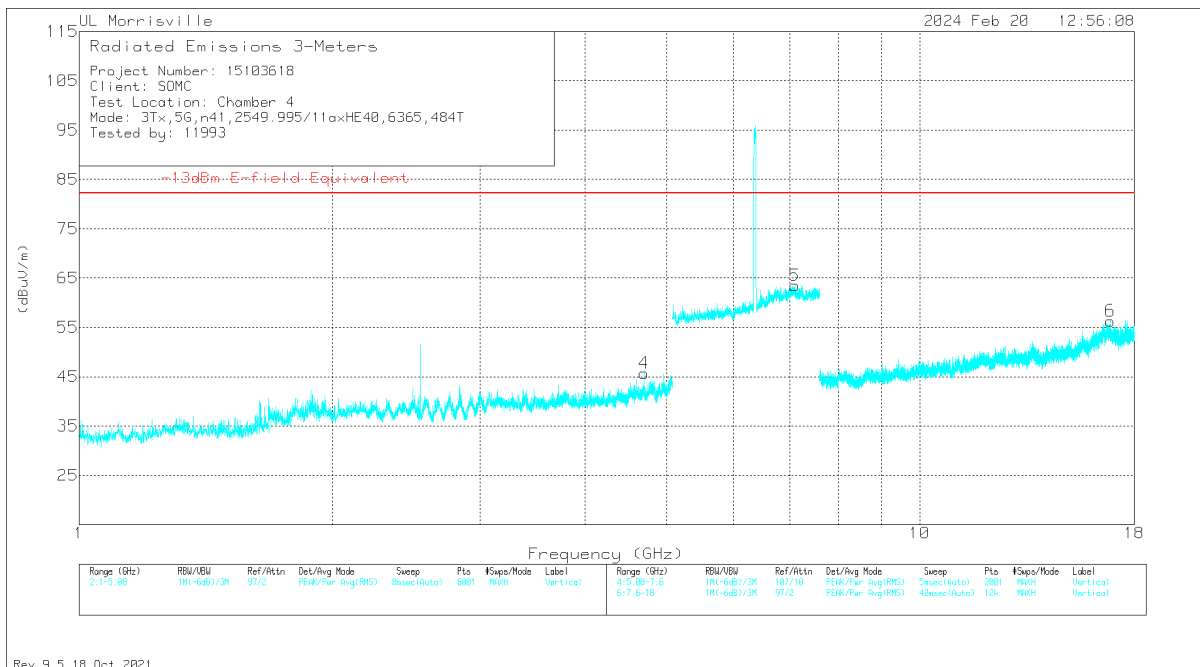
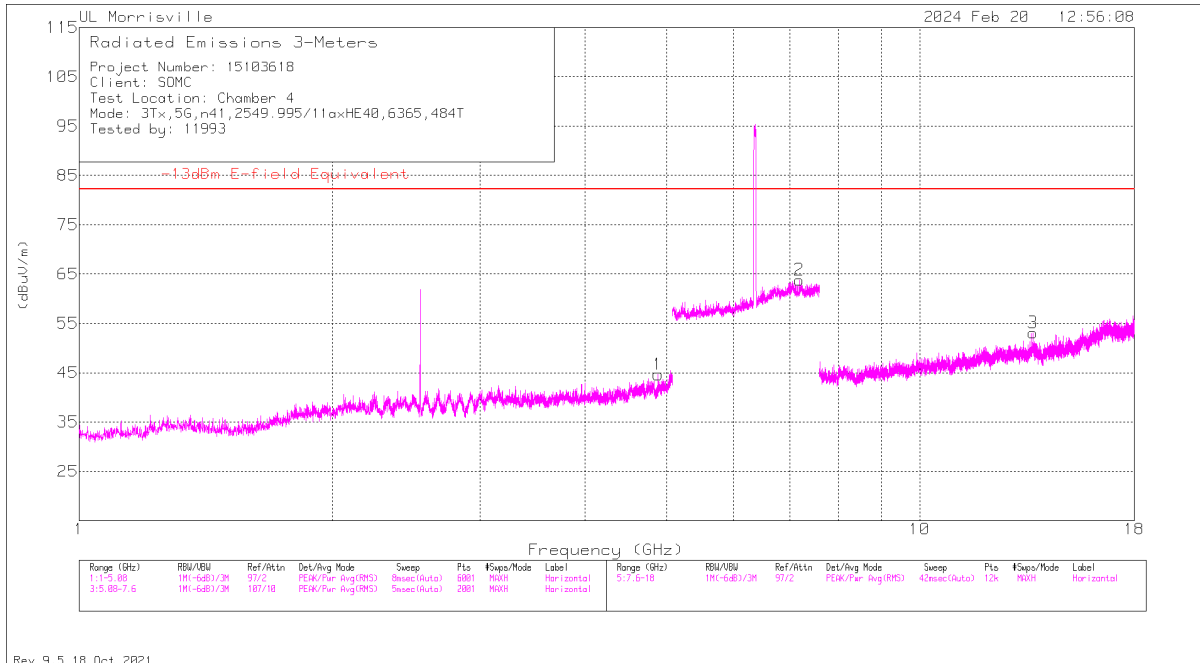
10.3.3. Scan 3



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	10.01063	37.92	Pk	37.2	-25.5	0	49.62	82.2	-32.58	0-360	200	V
2	11.59875	36.34	Pk	38.3	-23.2	0	51.44	82.2	-30.76	0-360	100	H
3	16.60688	36.55	Pk	41.6	-21.1	0	57.05	82.2	-25.15	0-360	100	H
6	16.85156	34.79	Pk	41.9	-19.4	0	57.29	82.2	-24.91	0-360	200	V
7 (DL)	2.14052	39.9	Pk	31.5	-13.6	1.2	59	-	-	0-360	100	H
8 (DL)	2.14786	35.67	Pk	31.6	-13.6	1.1	54.77	-	-	0-360	200	V
4	2.96099	32.36	Pk	32.8	-11.8	.4	53.76	82.2	-28.44	0-360	200	V
1	2.983	32.25	Pk	32.9	-12.1	.4	53.45	82.2	-28.75	0-360	100	H

Pk - Peak detector

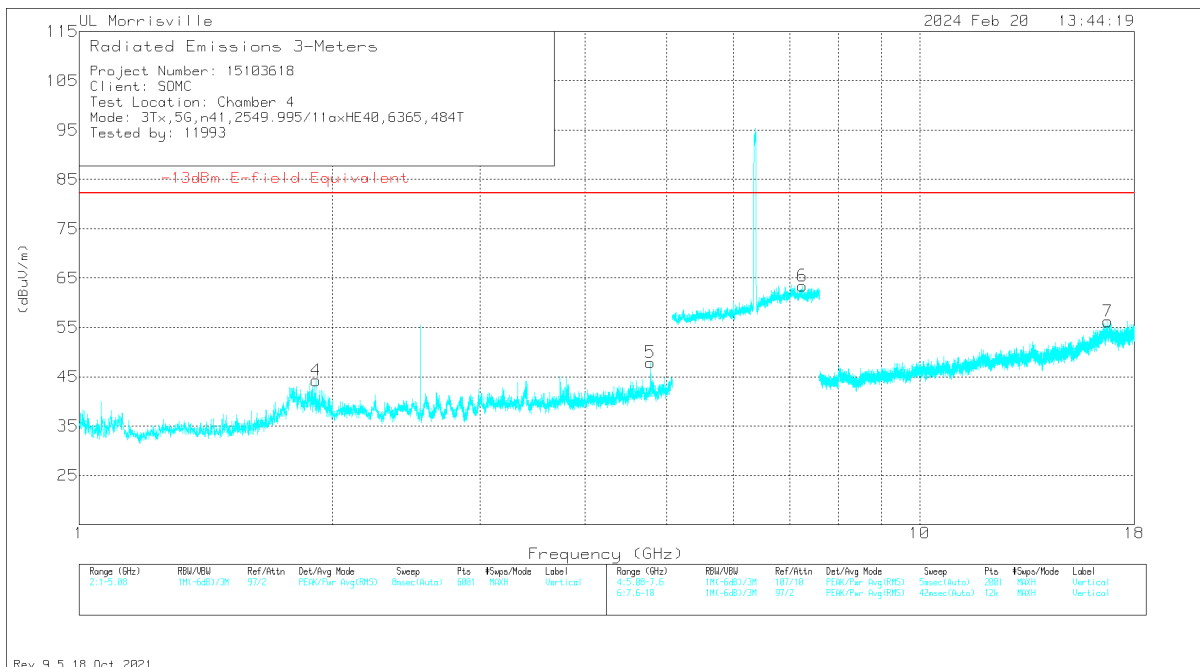
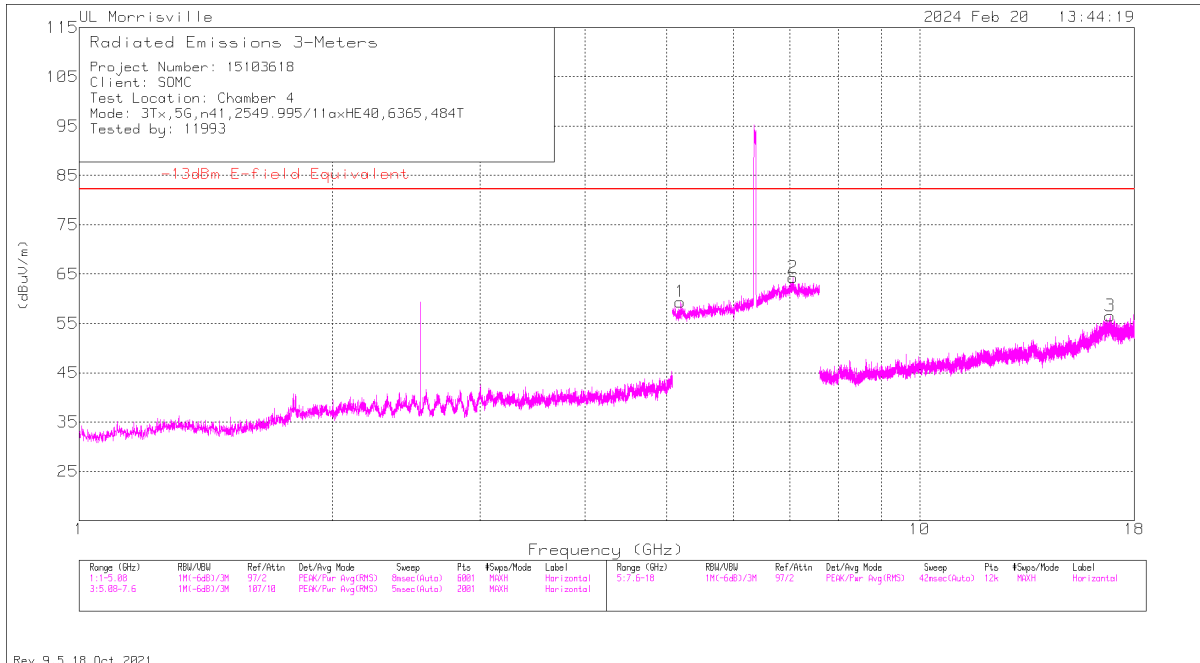
10.3.4. Scan 4



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	4.70056	42.72	Pk	34.1	-31.6	.5	45.72	82.2	-36.48	0-360	200	V
1	4.88416	41.34	Pk	34	-31.1	.4	44.64	82.2	-37.56	0-360	100	H
5	7.10356	34.4	Pk	35.6	-6.9	.4	63.5	82.2	-18.7	0-360	200	V
2	7.18672	35.11	Pk	35.6	-7.3	.4	63.81	82.2	-18.39	0-360	100	H
3	13.6346	36.79	Pk	38.6	-22.8	.5	53.09	82.2	-29.11	0-360	100	H
6	16.84734	33.91	Pk	41.9	-20.3	.8	56.31	82.2	-25.89	0-360	200	V

Pk - Peak detector

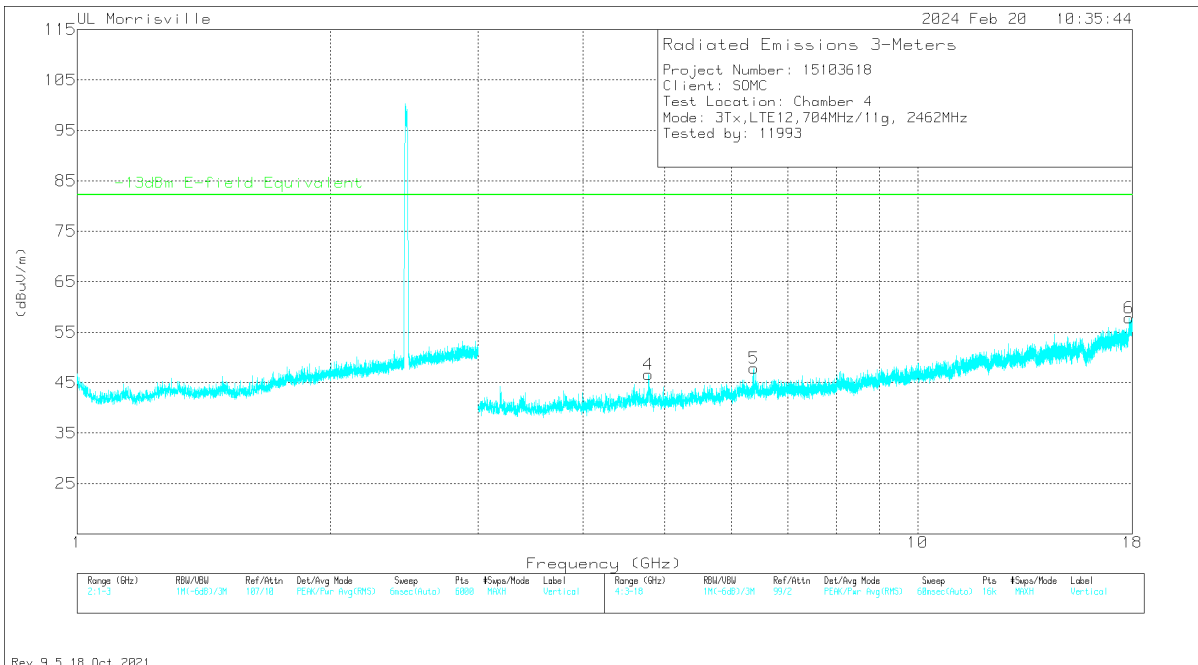
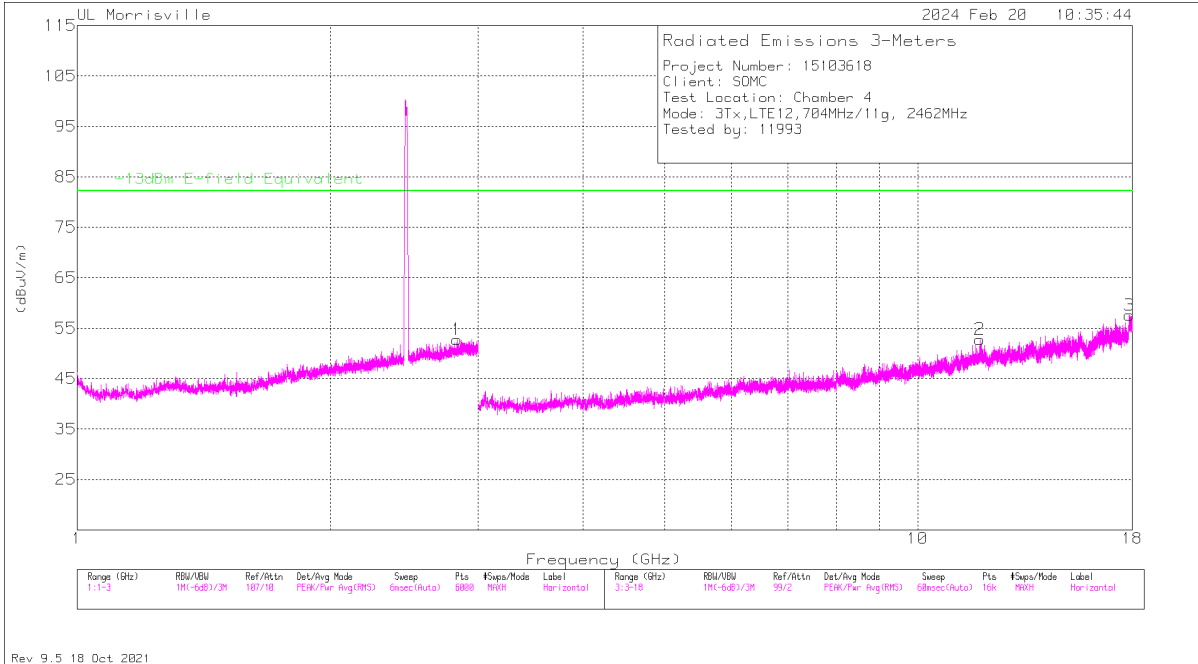
10.3.5. Scan 5



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.91256	48.24	Pk	30.7	-35.9	1.2	44.24	82.2	-37.96	0-360	200	V
5	4.78148	43.58	Pk	34.1	-30.7	.9	47.88	82.2	-34.32	0-360	200	V
1	5.18836	33.88	Pk	34.2	-9.5	.8	59.38	82.2	-22.82	0-360	100	H
2	7.06324	35.71	Pk	35.6	-7.4	.4	64.31	82.2	-17.89	0-360	100	H
6	7.25098	34.51	Pk	35.6	-7.1	.4	63.41	82.2	-18.79	0-360	200	V
7	16.75114	33.63	Pk	41.9	-19.9	.6	56.23	82.2	-25.97	0-360	100	V
3	16.8456	34.06	Pk	41.9	-20.2	.8	56.56	82.2	-25.64	0-360	200	H

Pk - Peak detector

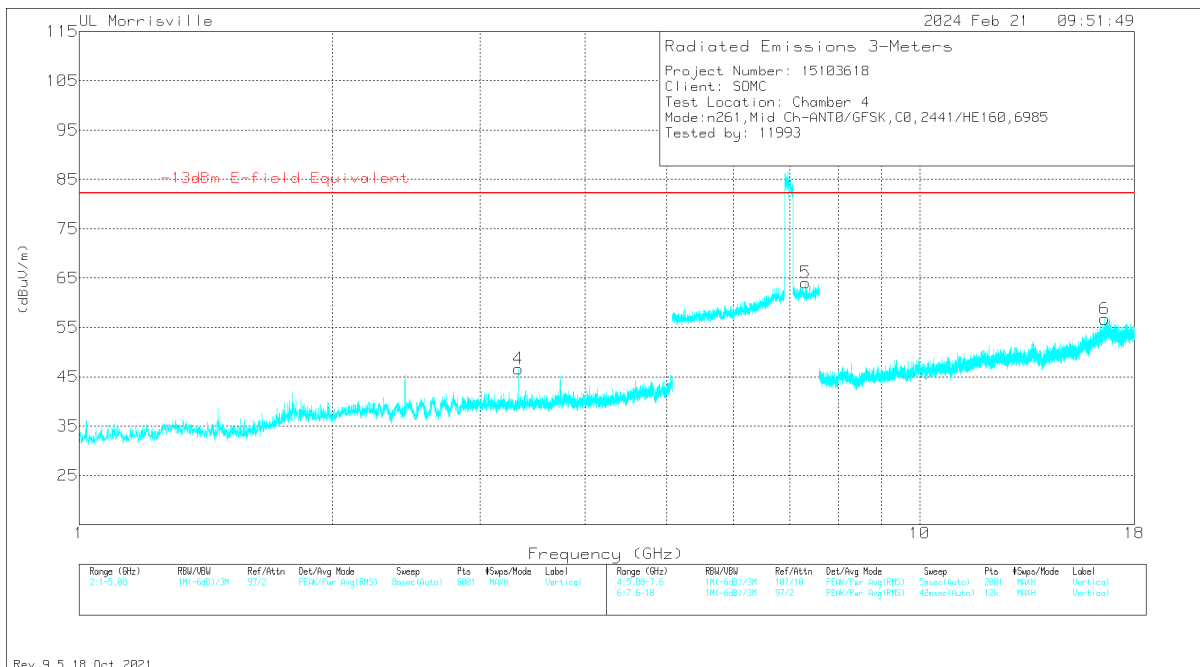
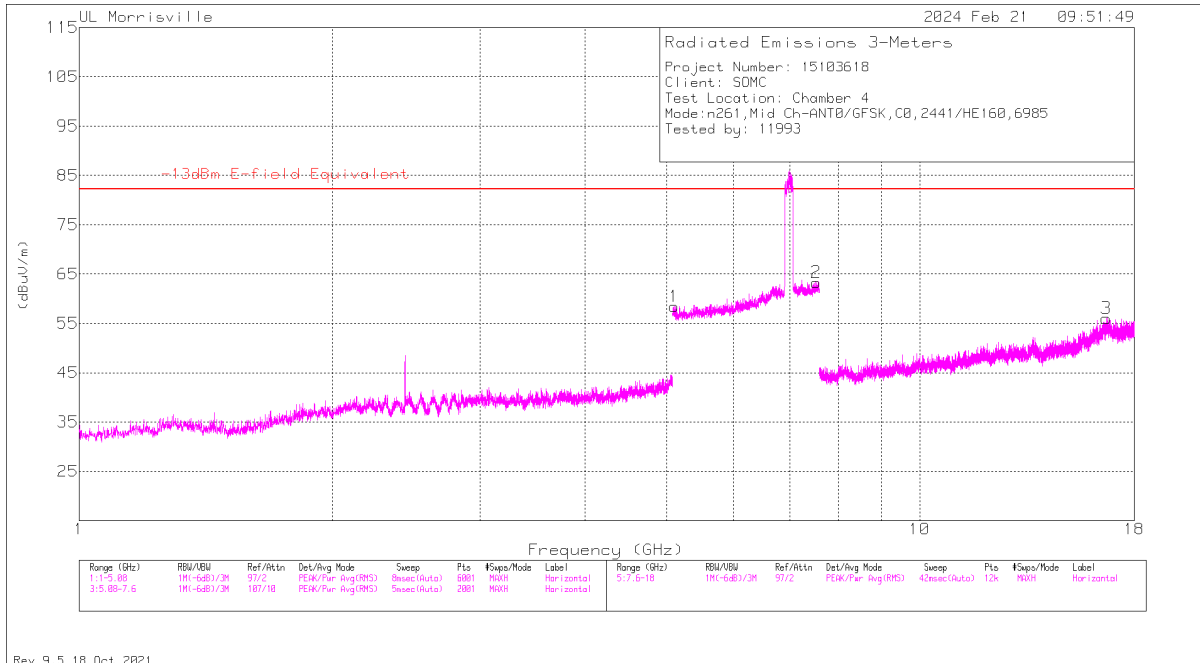
10.3.6. Scan 6



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.83031	32.33	Pk	32.4	-12.3	.3	52.73	82.2	-29.47	0-360	100	H
4	4.78313	43.82	Pk	34.1	-31.7	.4	46.62	82.2	-35.58	0-360	200	V
5	6.38063	41.04	Pk	35.4	-29	.4	47.84	82.2	-34.36	0-360	200	V
2	11.85563	37.25	Pk	38.6	-23.7	.6	52.75	82.2	-29.45	0-360	100	H
6	17.85375	32.93	Pk	41.4	-18.2	1.7	57.83	82.2	-24.37	0-360	200	V
3	17.85656	32.97	Pk	41.4	-18.5	1.7	57.57	82.2	-24.63	0-360	100	H

Pk - Peak detector

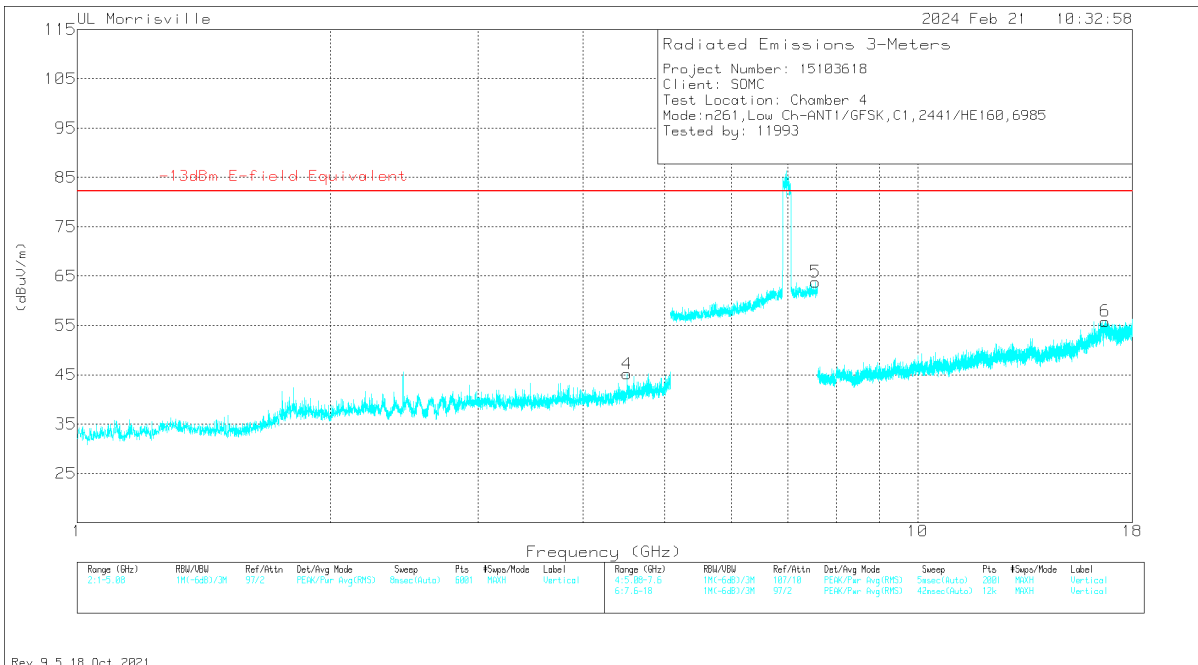
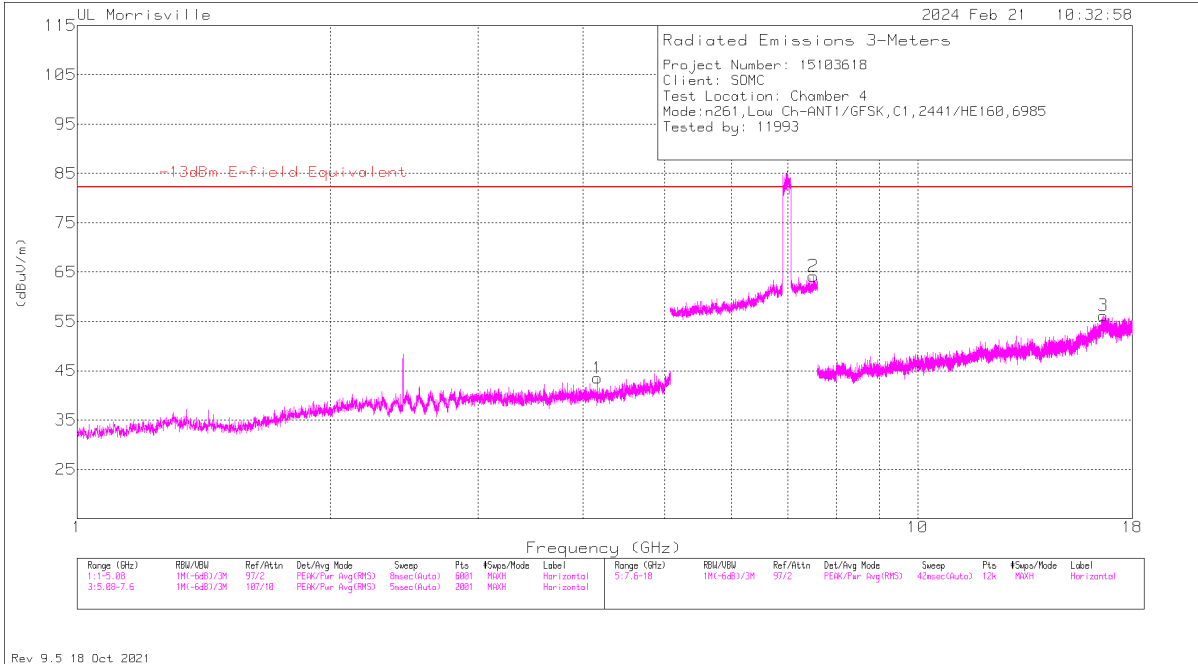
10.3.7. Scan 7



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	3.32968	47.29	Pk	32.9	-34.4	.8	46.59	82.2	-35.61	0-360	200	V
1	5.10142	33.43	Pk	34.1	-9.4	.3	58.43	82.2	-23.77	0-360	100	H
5	7.31776	34.86	Pk	35.6	-6.9	.5	64.06	82.2	-18.14	0-360	200	V
2	7.53448	33.02	Pk	35.7	-6	.6	63.32	82.2	-18.88	0-360	100	H
6	16.5986	35.24	Pk	41.6	-20.7	.6	56.74	82.2	-25.46	0-360	200	V
3	16.67227	35.03	Pk	41.7	-21.5	.8	56.03	82.2	-26.17	0-360	100	H

Pk - Peak detector

10.3.8. Scan 8



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	-13dBm E-field Equivalent	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	4.15724	41.73	Pk	33.5	-32	.3	43.53	82.2	-38.67	0-360	100	H
4	4.5088	42.17	Pk	33.8	-31.3	.5	45.17	82.2	-37.03	0-360	200	V
2	7.5118	34.18	Pk	35.6	-6.2	.6	64.18	82.2	-18.02	0-360	100	H
5	7.56094	33.82	Pk	35.7	-6.2	.5	63.82	82.2	-18.38	0-360	200	V
3	16.62027	35.17	Pk	41.6	-21.1	.5	56.17	82.2	-26.03	0-360	100	H
6	16.72254	33.11	Pk	41.8	-19.8	.7	55.81	82.2	-26.39	0-360	200	V

Pk - Peak detector



## 11. SETUP PHOTOS

Please see R14777389-EP4 For Setup Photos and Setup Diagrams.

**END OF REPORT**