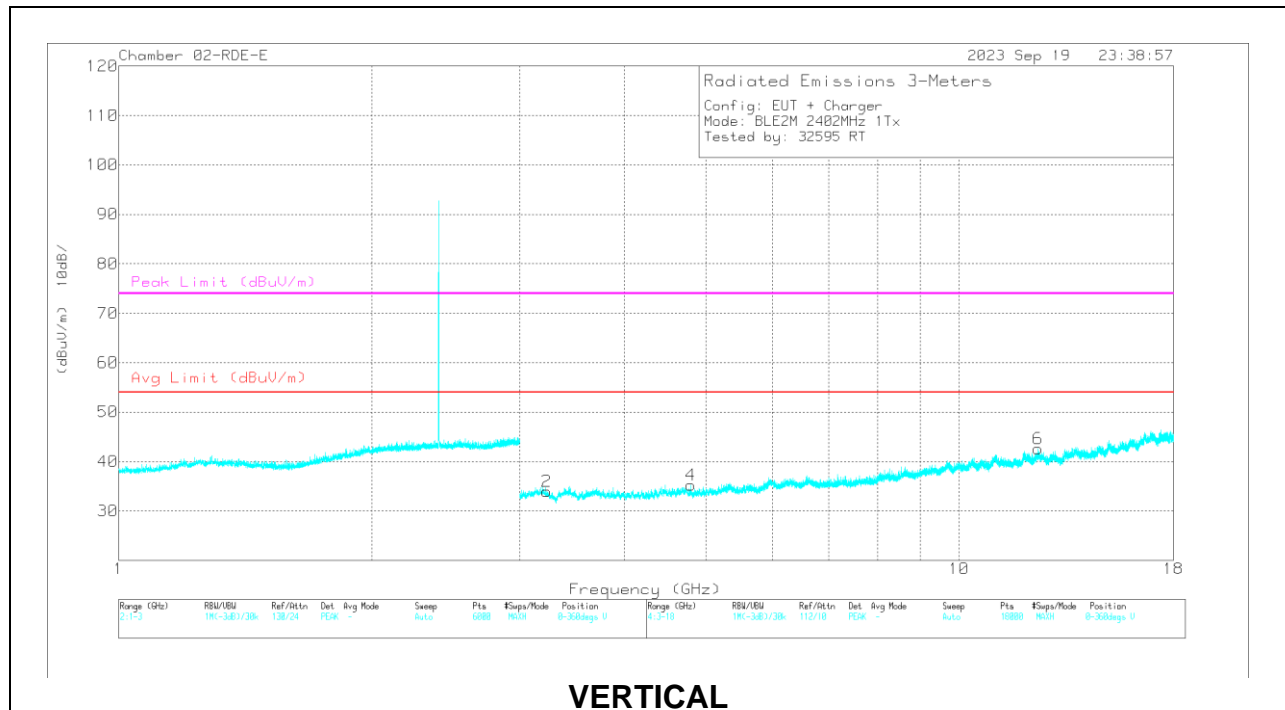
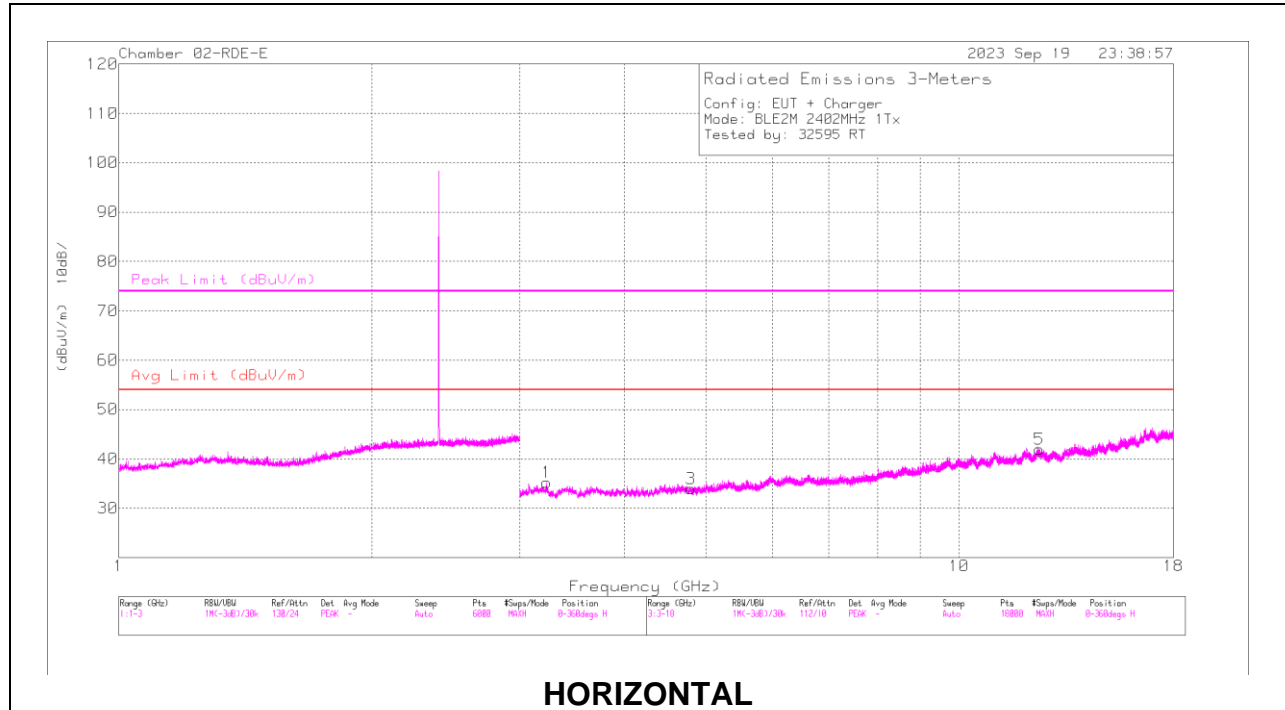


**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**

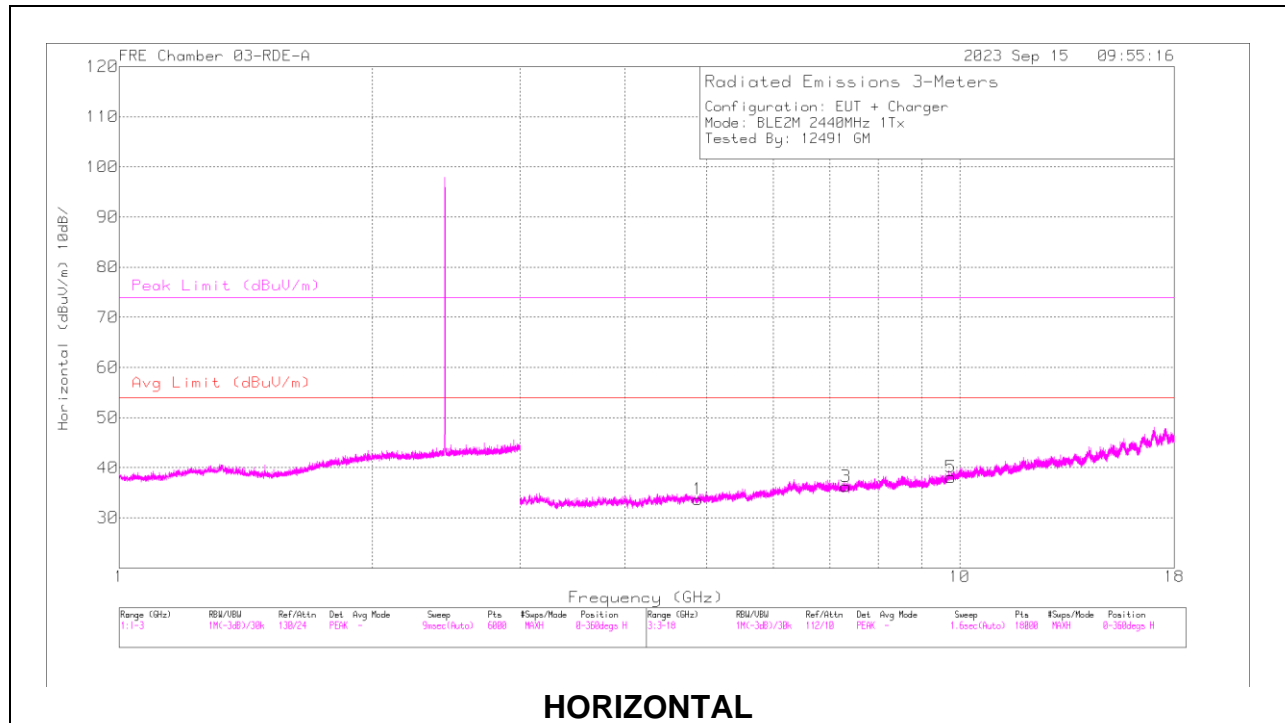


**RADIATED EMISSIONS**

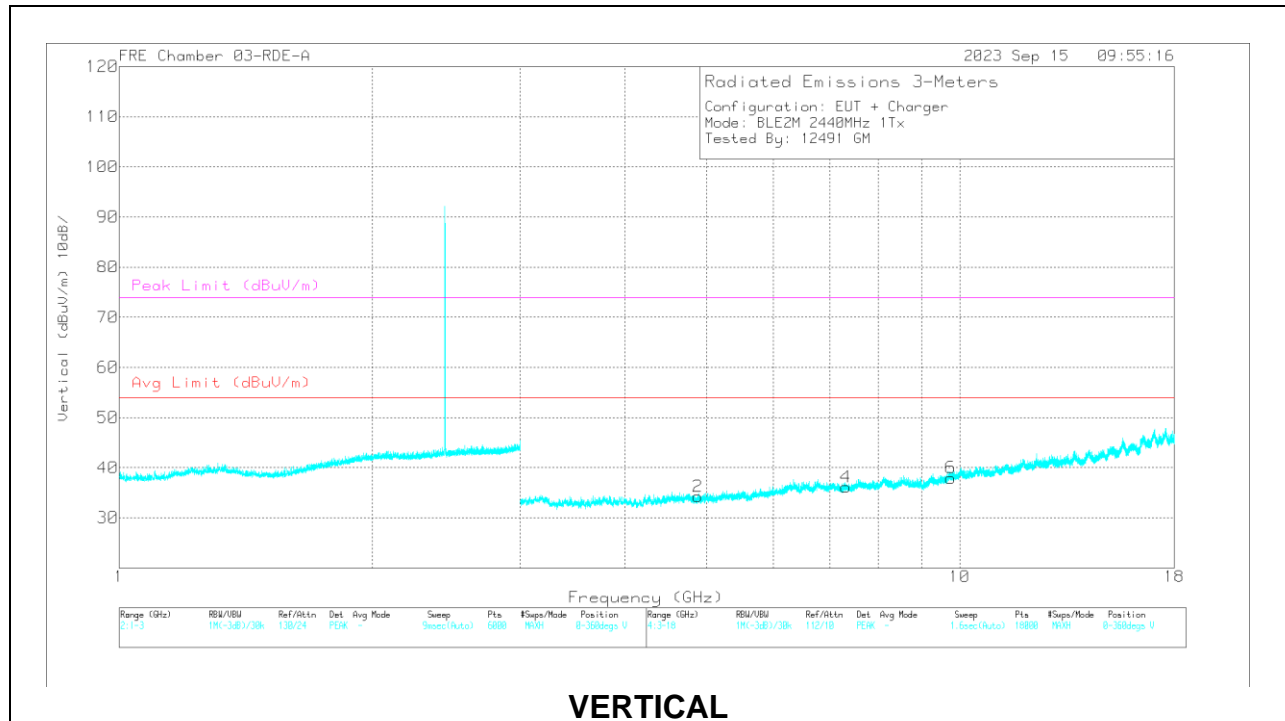
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.796019	57.26	PK2	34	0	-47.09	44.17	-	-	74	-29.83	140	291	H
	* 4.793506	45.87	MAv1	34	4.96	-47.07	37.76	54	-16.24	-	-	140	291	H
5	* 12.46107	54.75	PK2	38.9	0	-42.05	51.6	-	-	74	-22.4	355	304	H
	* 12.46155	43.07	MAv1	38.9	4.96	-42.07	44.86	54	-9.14	-	-	355	304	H
4	* 4.79332	57.58	PK2	34	0	-47.06	44.52	-	-	74	-29.48	295	296	V
	* 4.793361	45.88	MAv1	34	4.96	-47.06	37.78	54	-16.22	-	-	295	296	V
6	* 12.41904	54.79	PK2	38.9	0	-42.09	51.6	-	-	74	-22.4	16	227	V
	* 12.41932	42.62	MAv1	38.9	4.96	-42.1	44.38	54	-9.62	-	-	16	227	V
1	3.228426	56.72	PK2	33	0	-46	43.72	-	-	-	-	57	306	H
2	3.233741	57.61	PK2	33	0	-46.07	44.54	-	-	-	-	210	309	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL RESULTS



**HORIZONTAL**



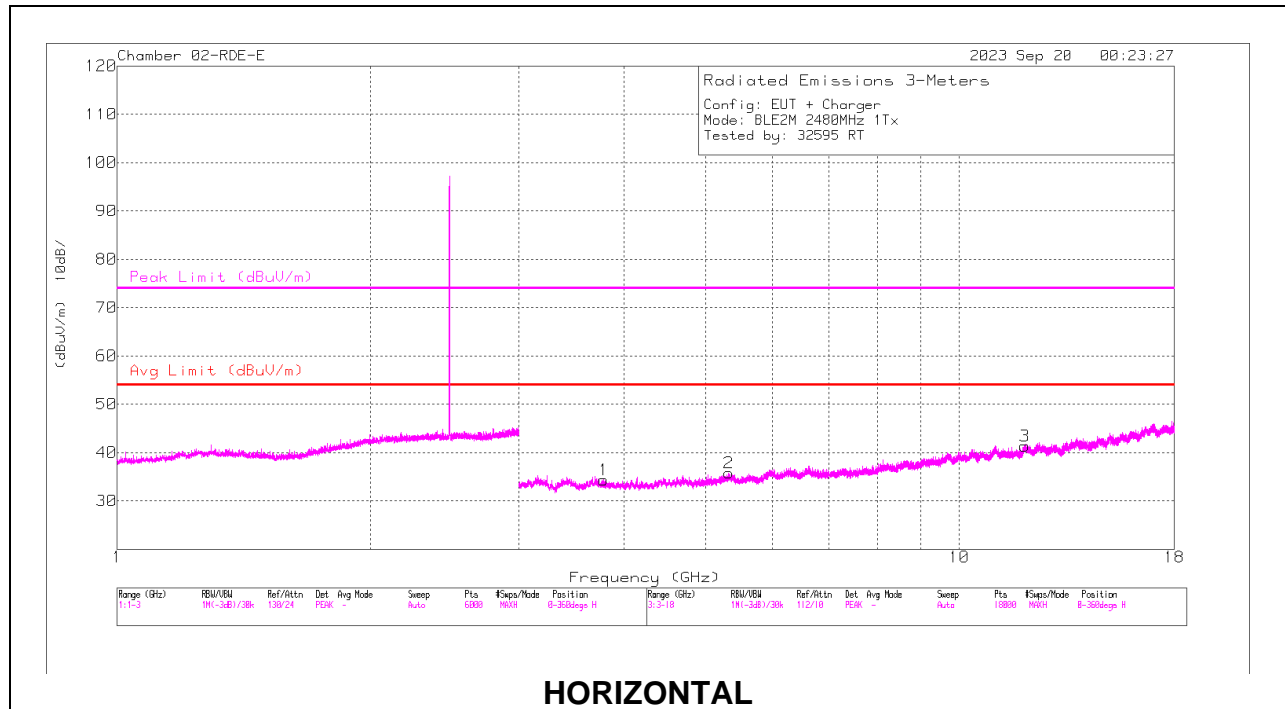
**VERTICAL**

**RADIATED EMISSIONS**

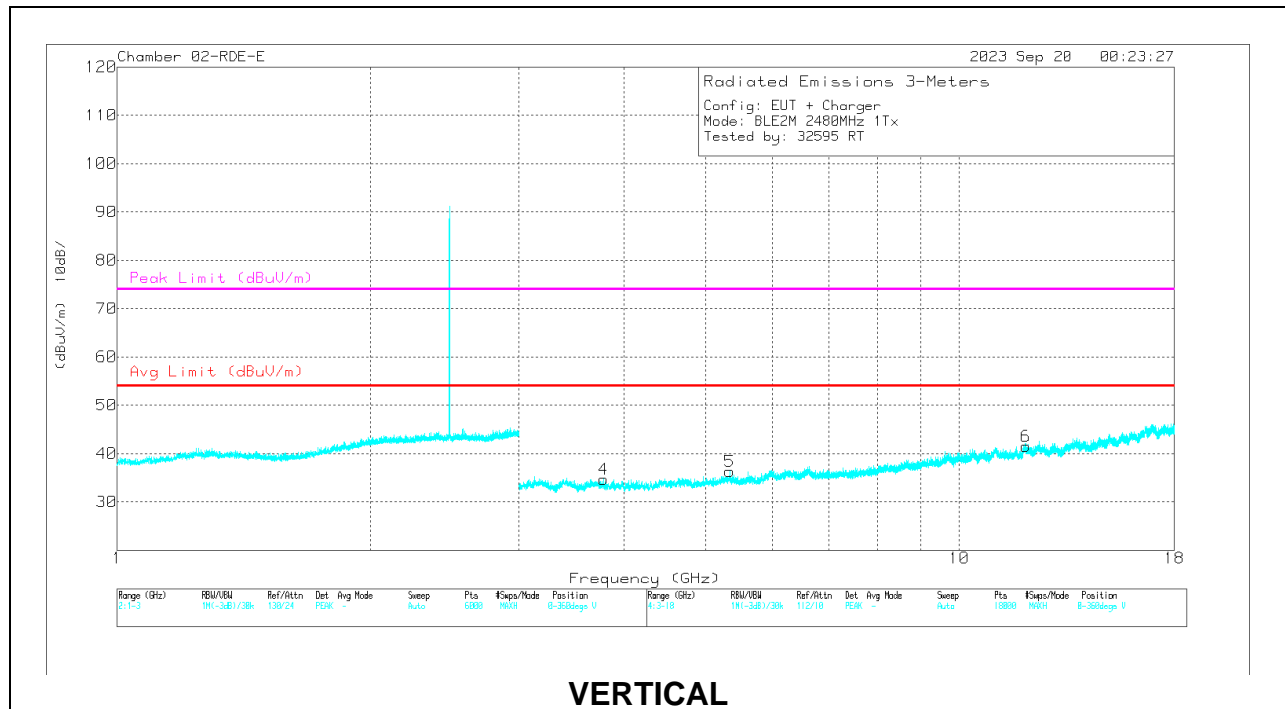
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.879727	58.43	PK2	33.9	0	-47.79	44.54	-	-	74	-29.46	72	125	H
	* 4.880578	46.65	MAv1	33.9	4.96	-47.81	37.7	54	-16.3	-	-	72	125	H
3	* 7.320018	56.46	PK2	35.6	0	-45.64	46.42	-	-	74	-27.58	22	249	H
	* 7.319644	45.08	MAv1	35.6	4.96	-45.63	40.01	54	-13.99	-	-	22	249	H
2	* 4.882071	58.02	PK2	33.9	0	-47.77	44.15	-	-	74	-29.85	316	189	V
	* 4.880773	46.63	MAv1	33.9	4.96	-47.82	37.67	54	-16.33	-	-	316	189	V
4	* 7.319412	57.31	PK2	35.6	0	-45.63	47.28	-	-	74	-26.72	5	112	V
	* 7.322134	45.36	MAv1	35.6	4.96	-45.6	40.32	54	-13.68	-	-	5	112	V
6	9.757087	57.55	PK2	36.9	0	-45.4	49.05	-	-	-	-	161	209	V
5	9.759914	57.47	PK2	37	0	-45.5	48.97	-	-	-	-	231	166	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

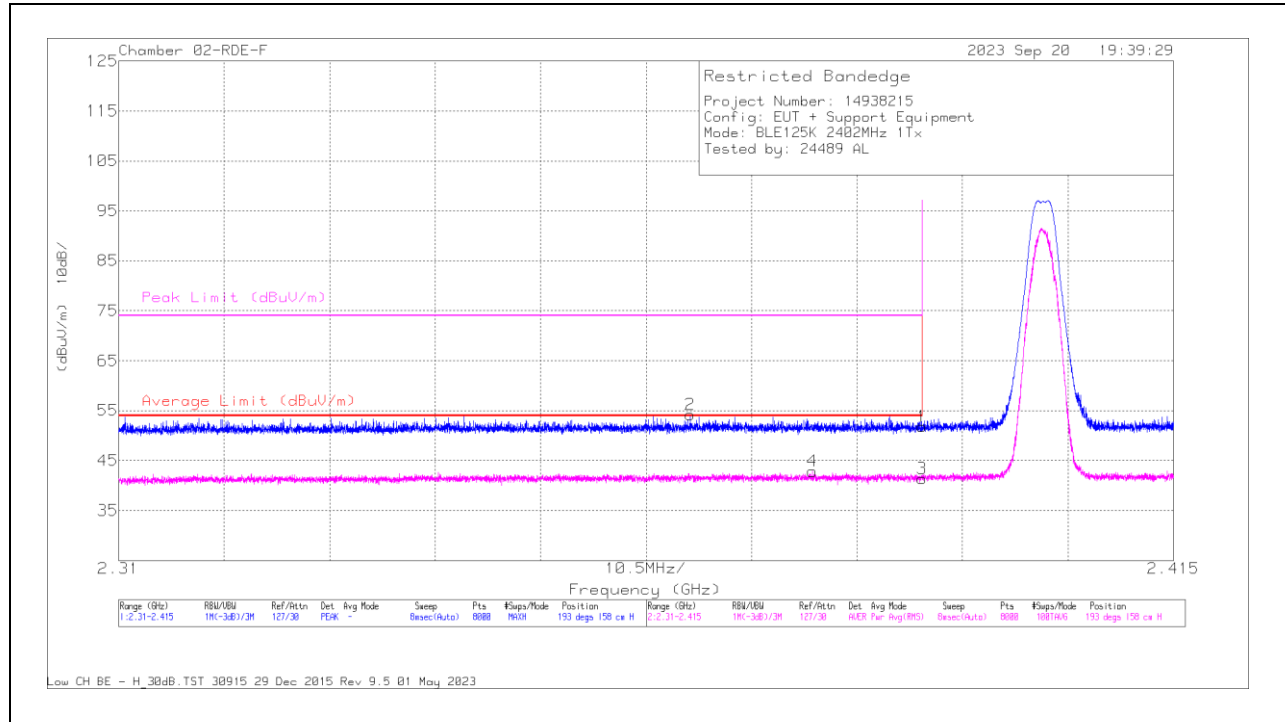
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.782006	56.2	PK2	33.4	0	-45.69	43.91	-	-	74	-30.09	1	199	H
	* 3.78038	44.69	MAv1	33.4	4.96	-45.74	37.31	54	-16.69	-	-	1	199	H
3	* 11.962628	54.39	PK2	38.7	0	-42.22	50.87	-	-	74	-23.13	1	198	H
	* 11.962418	43.11	MAv1	38.7	4.96	-42.23	44.54	54	-9.46	-	-	1	198	H
4	* 3.778737	56.5	PK2	33.4	0	-45.72	44.18	-	-	74	-29.82	1	198	V
	* 3.778589	44.6	MAv1	33.4	4.96	-45.71	37.25	54	-16.75	-	-	1	198	V
6	* 11.989324	54.34	PK2	38.8	0	-42.11	51.03	-	-	74	-22.97	1	199	V
	* 11.987021	43	MAv1	38.8	4.96	-42.12	44.64	54	-9.36	-	-	1	199	V
2	5.322216	58.23	PK2	34.6	0	-47.05	45.78	-	-	74	-28.22	1	101	H
	5.323461	46.21	MAv1	34.6	4.96	-47.06	38.71	-	-	-	-	1	101	H
5	5.333421	57.96	PK2	34.6	0	-47.08	45.48	-	-	74	-28.52	1	101	V
	5.334746	46.25	MAv1	34.6	4.96	-47.08	38.73	-	-	-	-	1	101	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

### 10.2.3. BLE (125kbps)

### BANDEDGE (LOW CHANNEL)

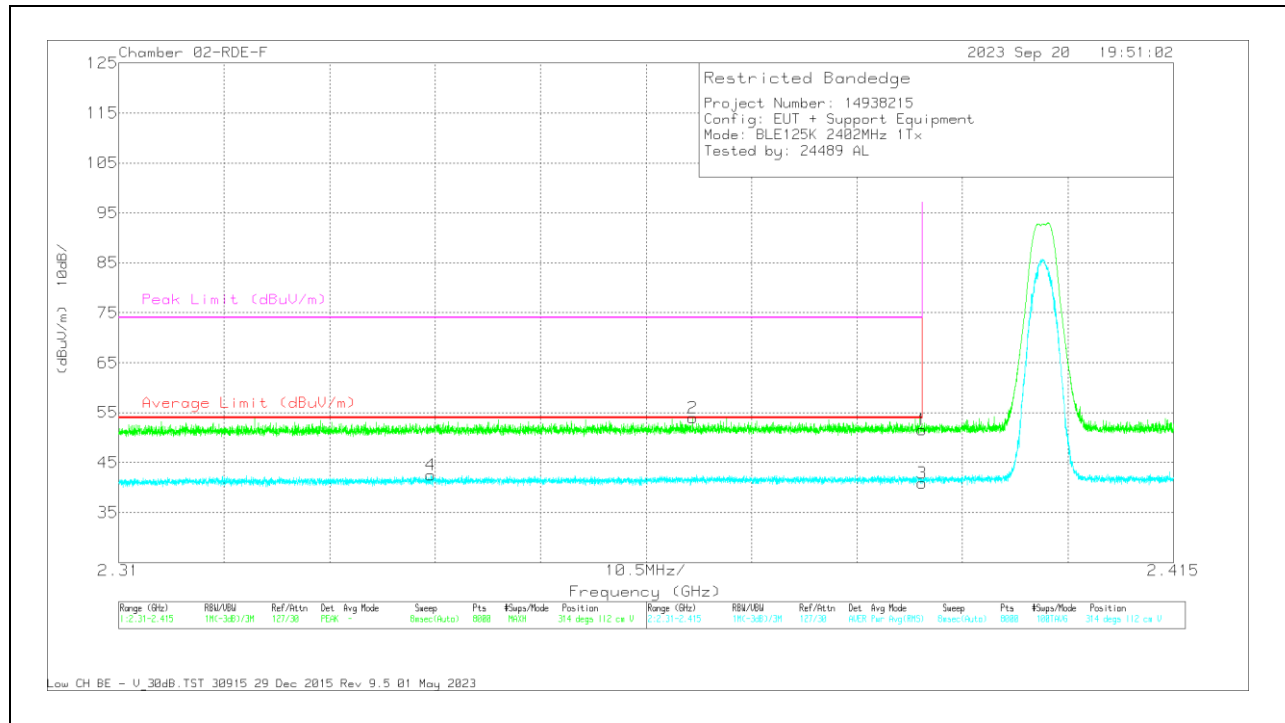
### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB) 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	58.57	Pk	32.1	-38.8	0	51.87	-	-	74	-22.13	193	158	H
2	* 2.366892	60.95	Pk	32.1	-38.8	0	54.25	-	-	74	-19.75	193	158	H
3	* 2.39	47.23	RMS	32.1	-38.8	.82	41.35	54	-12.65	-	-	193	158	H
4	* 2.379061	48.62	RMS	32.1	-38.7	.82	42.84	54	-11.16	-	-	193	158	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT



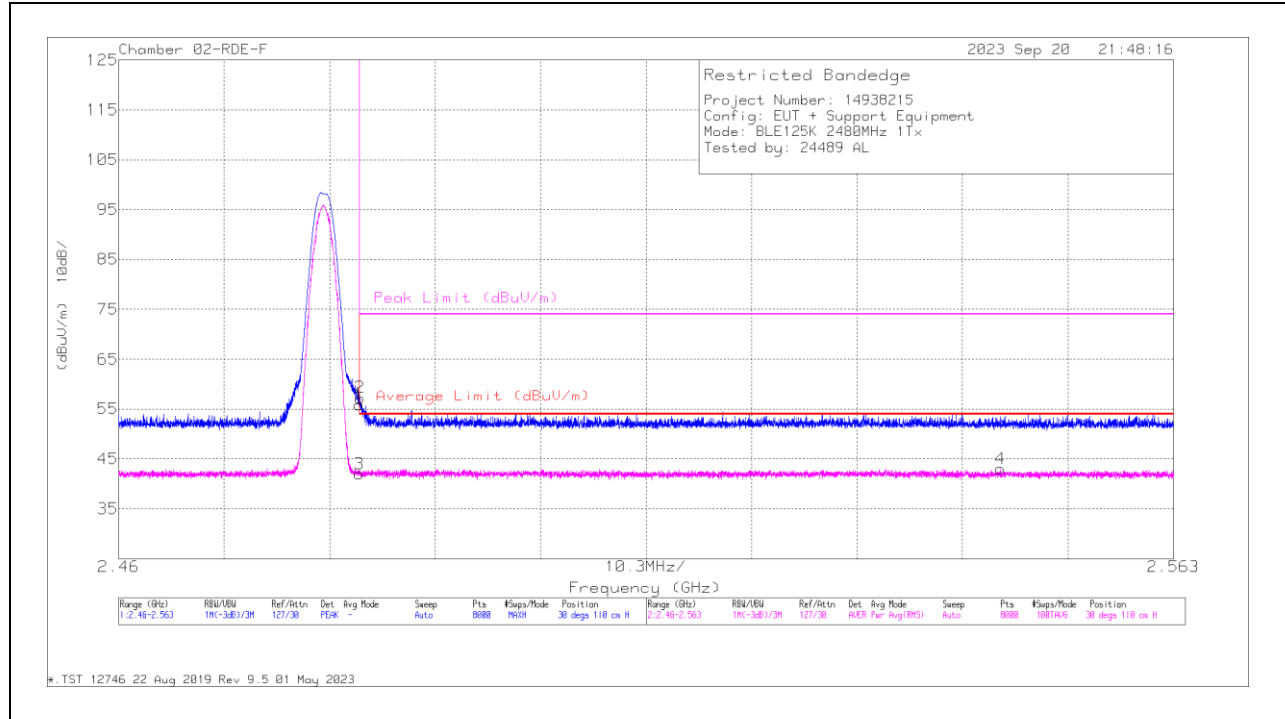
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB) 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	58.31	Pk	32.1	-38.8	0	51.61	-	-	74	-22.39	314	112	V
2	* 2.367116	60.61	Pk	32.1	-38.8	0	53.91	-	-	74	-20.09	314	112	V
3	* 2.39	46.76	RMS	32.1	-38.8	.82	40.88	54	-13.12	-	-	314	112	V
4	* 2.341085	48.52	RMS	32	-38.8	.82	42.54	54	-11.46	-	-	314	112	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



**BANDEDGE (HIGH CHANNEL)**

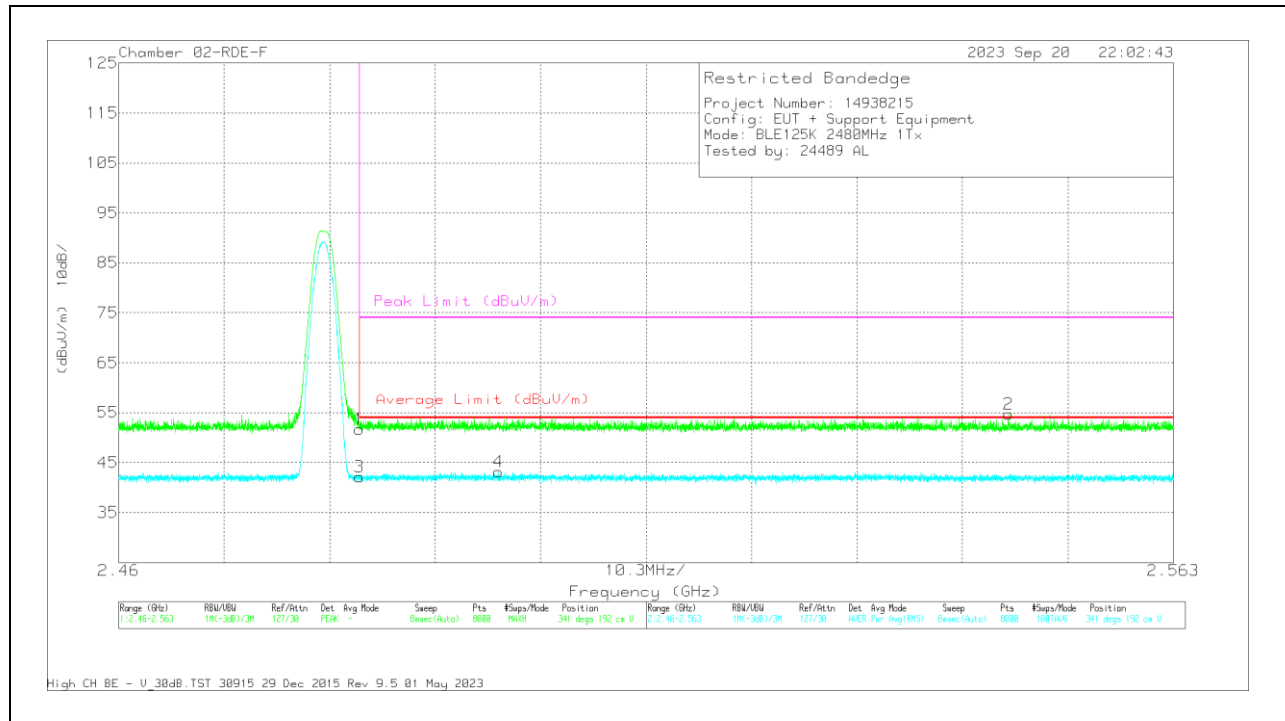
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB) 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.84	Pk	32.4	-38.4	0	55.84	-	-	74	-18.16	30	110	H
2	* 2.483565	63.28	Pk	32.4	-38.4	0	57.28	-	-	74	-16.72	30	110	H
3	* 2.4835	47.16	RMS	32.4	-38.4	.82	41.98	54	-12.02	-	-	30	110	H
4	2.546121	48.09	RMS	32.4	-38.3	.82	43.01	54	-10.99	-	-	30	110	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

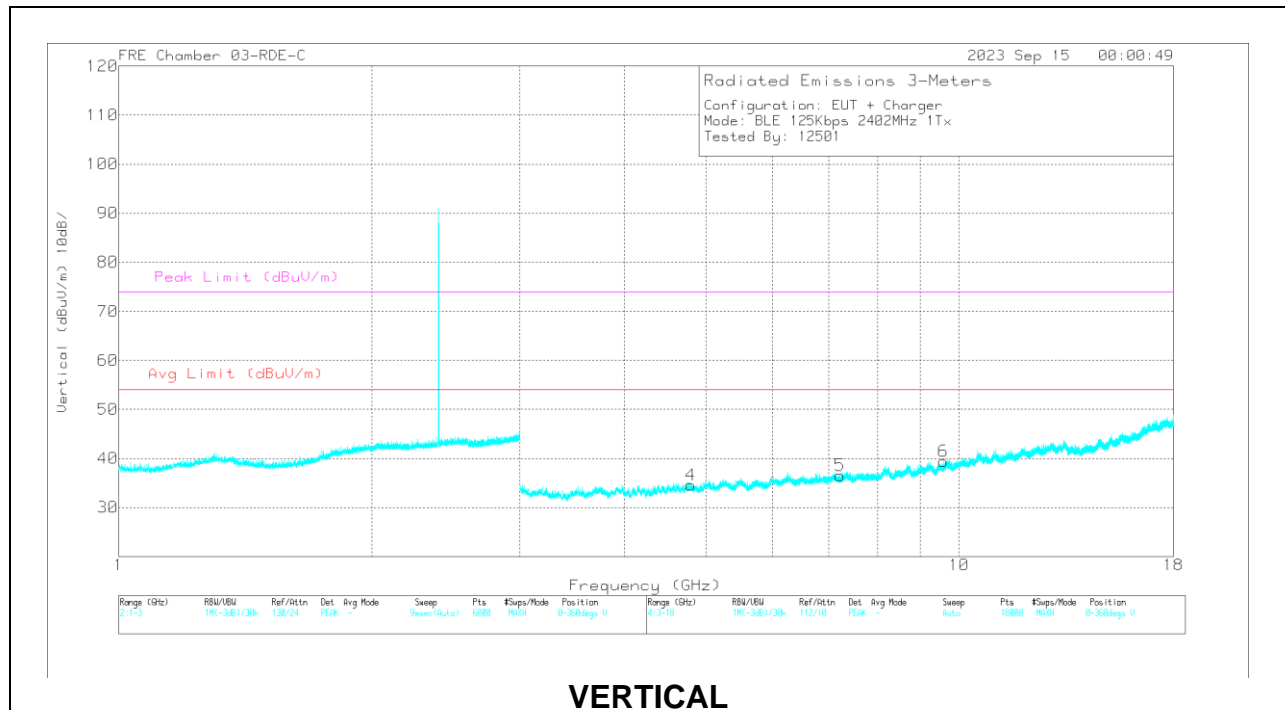
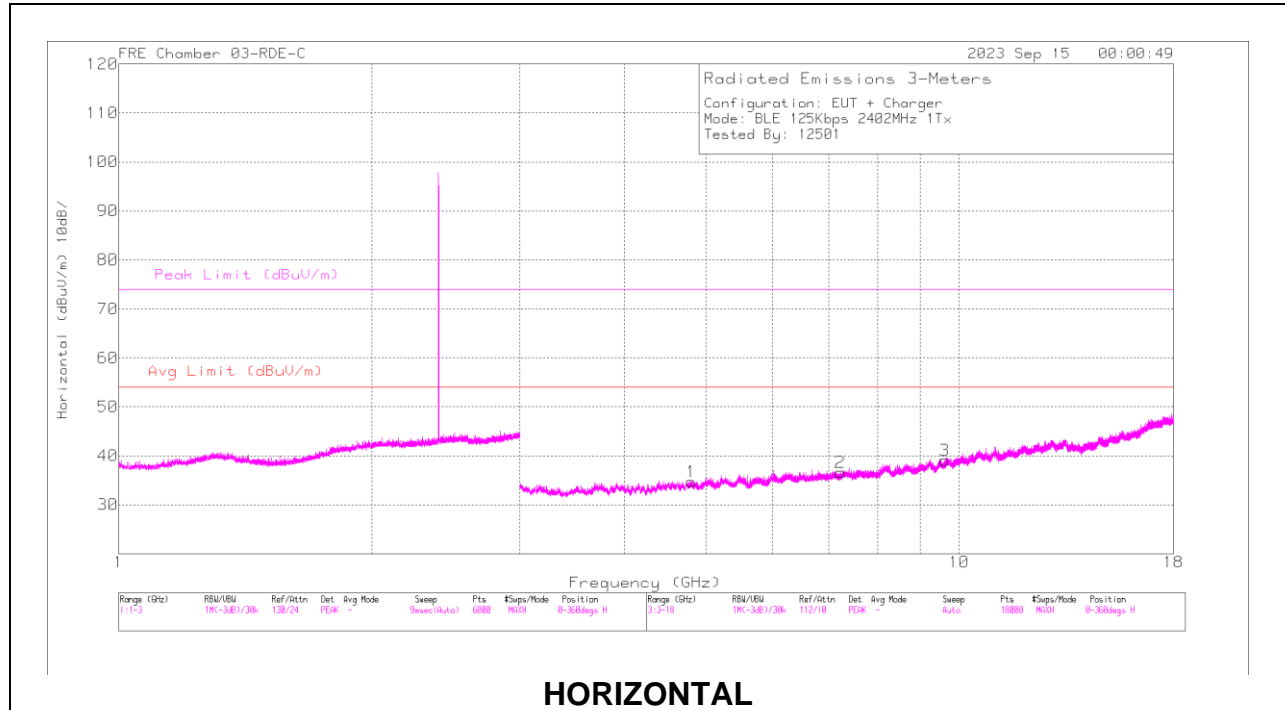


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB) 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	57.72	Pk	32.4	-38.4	0	51.72	-	-	74	-22.28	341	192	V
2	2.546881	60.6	Pk	32.4	-38.3	0	54.7	-	-	74	-19.3	341	192	V
3	* 2.4835	47.28	RMS	32.4	-38.4	.82	42.1	54	-11.9	-	-	341	192	V
4	* 2.497086	48.19	RMS	32.5	-38.4	.82	43.11	54	-10.89	-	-	341	192	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**

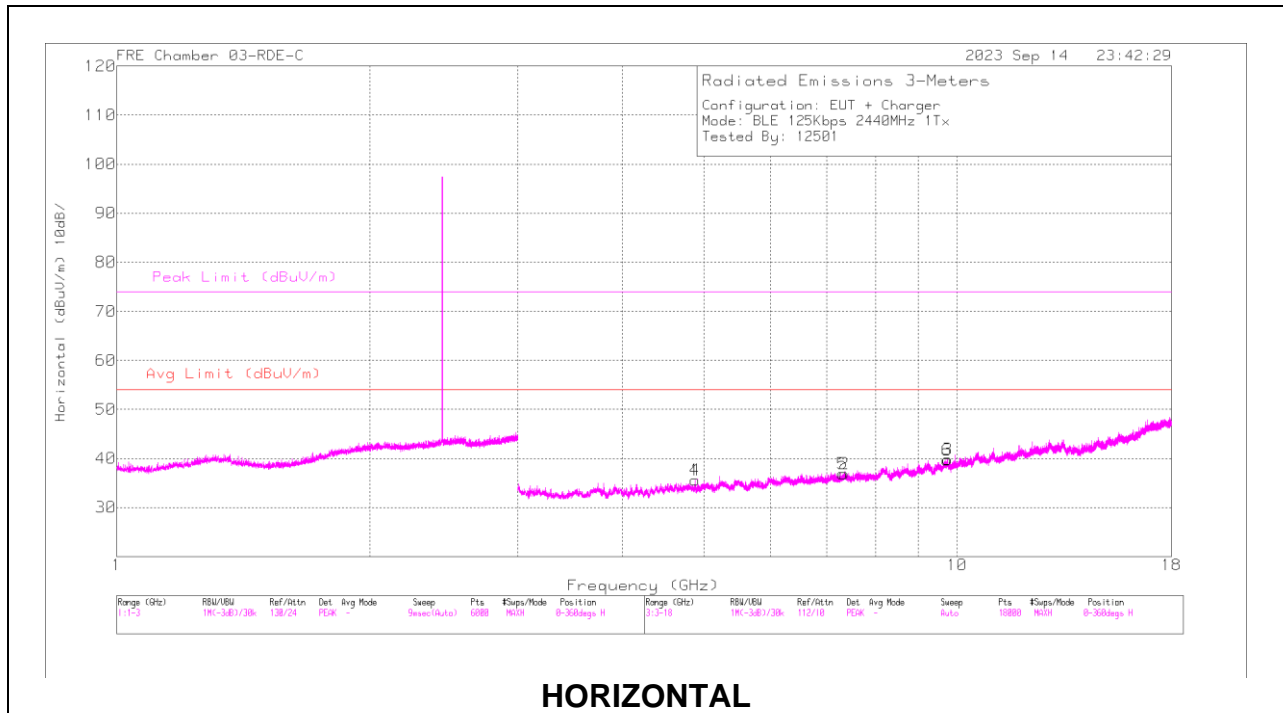


**RADIATED EMISSIONS**

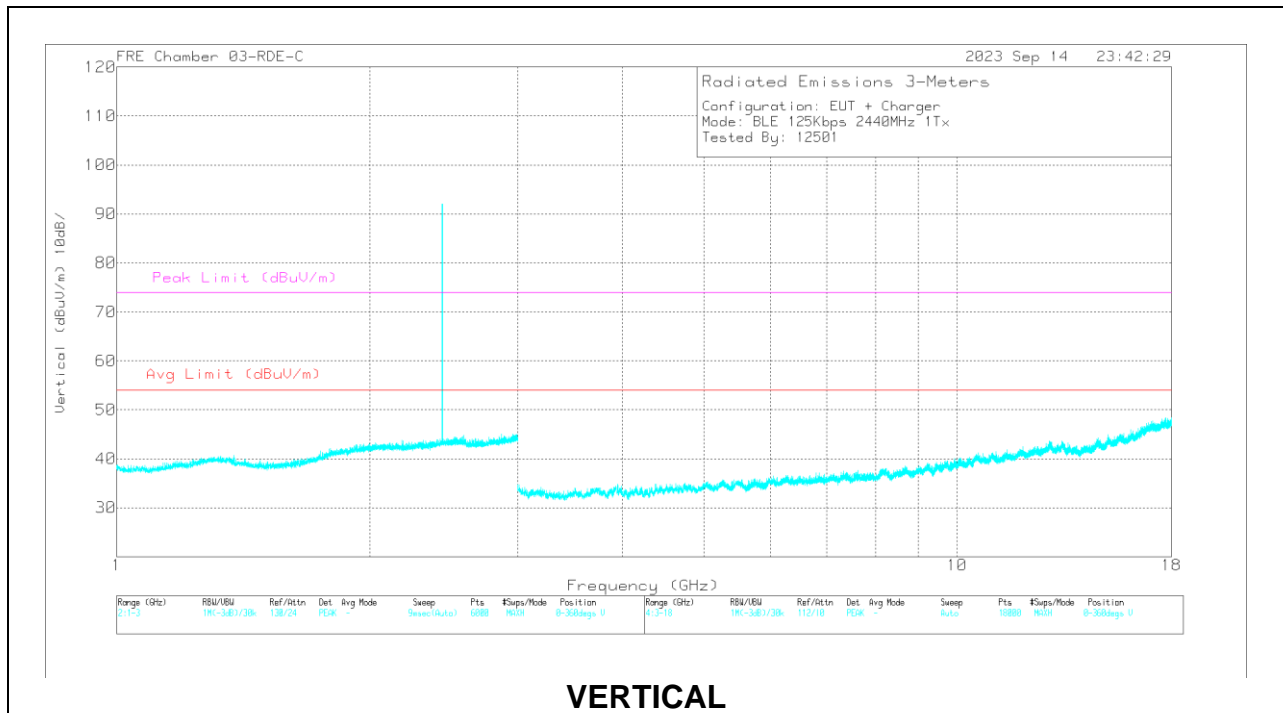
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.802309	58.51	PK2	34	0	-47.4	45.11	-	-	74	-28.89	323	153	H
	* 4.800787	46.74	MAv1	34	.82	-47.4	34.16	54	-19.84	-	-	323	153	H
4	* 4.791131	59.08	PK2	34	0	-47.49	45.59	-	-	74	-28.41	320	259	V
	* 4.793121	46.45	MAv1	34	.82	-47.5	33.77	54	-20.23	-	-	320	259	V
5	7.213658	56.68	PK2	35.7	0	-46.4	45.98	-	-	-	-	320	259	V
2	7.224247	56.89	PK2	35.7	0	-46.3	46.29	-	-	-	-	317	104	H
6	9.578904	57.21	PK2	36.6	0	-45.7	48.11	-	-	-	-	265	239	V
3	9.623312	58.06	PK2	36.7	0	-45.8	48.96	-	-	-	-	270	259	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL RESULTS



**HORIZONTAL**



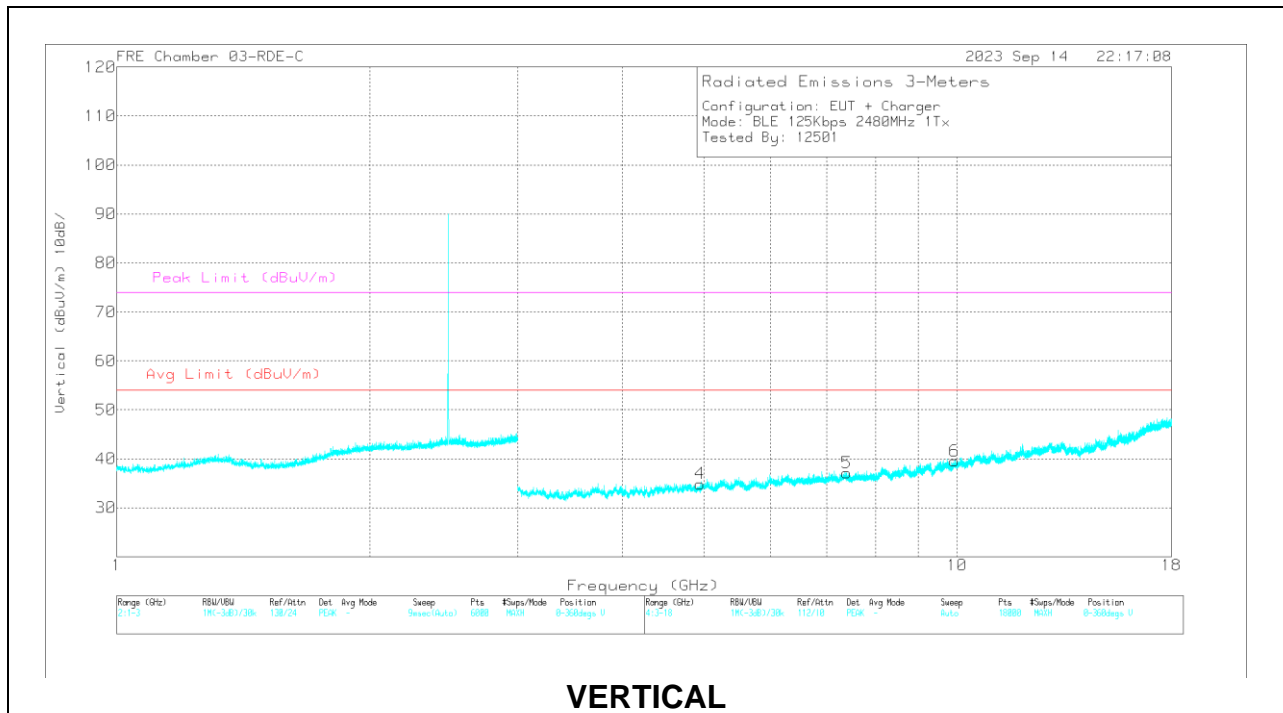
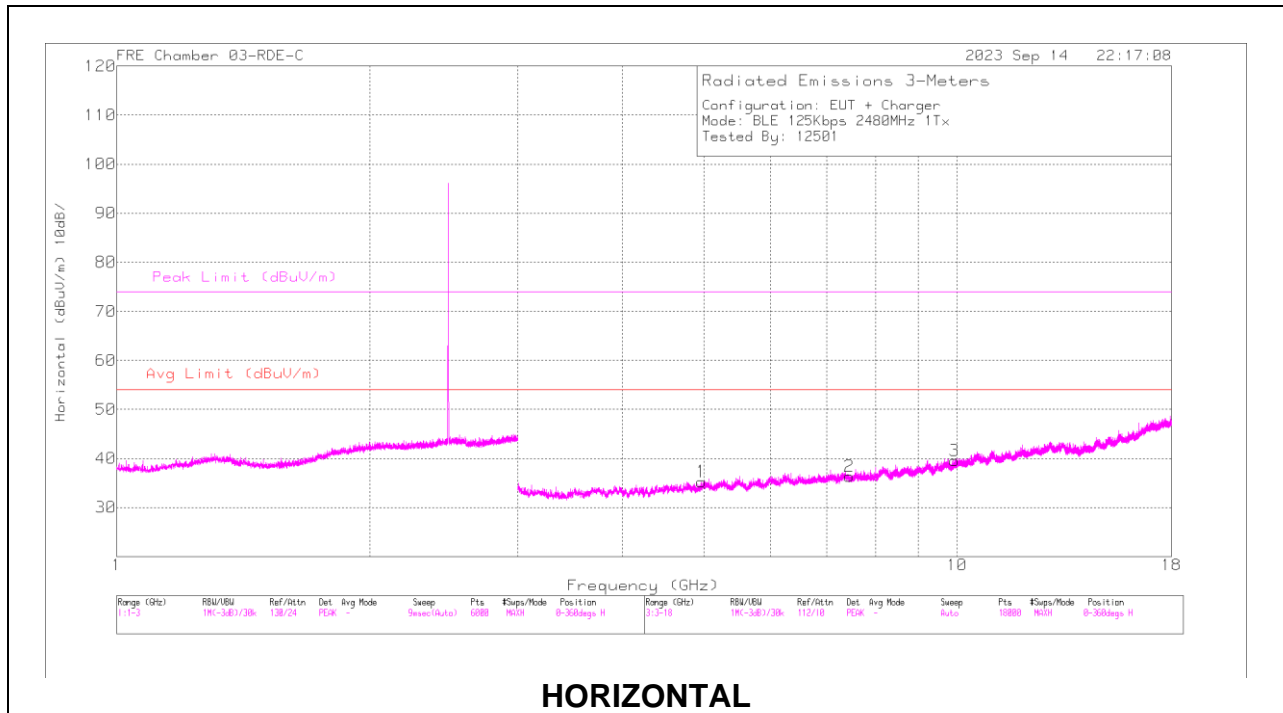
**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.876743	58.15	PK2	34	0	-47.5	44.65	-	-	74	-29.35	48	326	H
	* 4.87966	46.62	MAv1	34	.82	-47.57	33.87	54	-20.13	-	-	48	326	H
2	* 7.340156	57.04	PK2	35.7	0	-45.68	47.06	-	-	74	-26.94	133	298	H
	* 7.338019	45.36	MAv1	35.7	.82	-45.7	36.18	54	-17.82	-	-	133	298	H
4	* 4.881312	57.81	PK2	34	0	-47.57	44.24	-	-	74	-29.76	92	145	H
	* 4.879108	46.35	MAv1	34	.82	-47.51	33.66	54	-20.34	-	-	92	145	H
5	* 7.314307	57.06	PK2	35.7	0	-45.73	47.03	-	-	74	-26.97	66	145	H
	* 7.31221	45.31	MAv1	35.7	.82	-45.8	36.03	54	-17.97	-	-	66	145	H
6	9.726423	58.61	PK2	36.8	0	-45	50.41	-	-	-	-	23	132	H
3	9.758163	58.22	PK2	36.9	0	-45	50.12	-	-	-	-	151	298	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL RESULTS



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.960329	58.4	PK2	34.1	0	-47.5	45	-	-	74	-29	306	275	H
	* 4.959904	47.46	MAv1	34.1	.82	-47.5	34.88	54	-19.12	-	-	306	275	H
2	* 7.440097	56.95	PK2	35.7	0	-46.11	46.54	-	-	74	-27.46	350	323	H
	* 7.440595	45.36	MAv1	35.7	.82	-46.16	35.72	54	-18.28	-	-	350	323	H
4	* 4.946945	58.28	PK2	34	0	-47.59	44.69	-	-	74	-29.31	135	139	V
	* 4.947369	46.32	MAv1	34	.82	-47.56	33.58	54	-20.42	-	-	135	139	V
5	* 7.389098	56.87	PK2	35.7	0	-46	46.57	-	-	74	-27.43	92	109	V
	* 7.391335	45.56	MAv1	35.7	.82	-46.1	35.98	54	-18.02	-	-	92	109	V
6	9.928351	57.31	PK2	37	0	-45.3	49.01	-	-	-	-	92	162	V
3	9.93488	57.18	PK2	37	0	-45.3	48.88	-	-	-	-	340	253	H

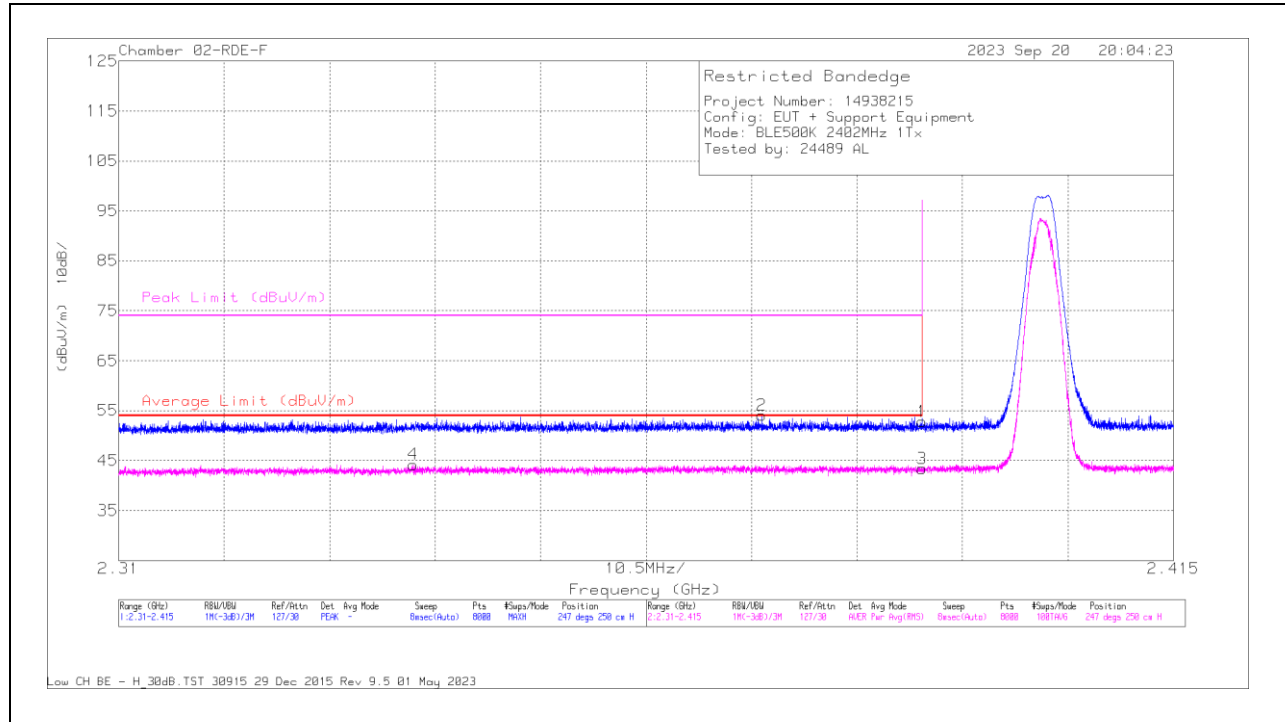
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average



### 10.2.4. BLE (500kbps)

### BANDEDGE (LOW CHANNEL)

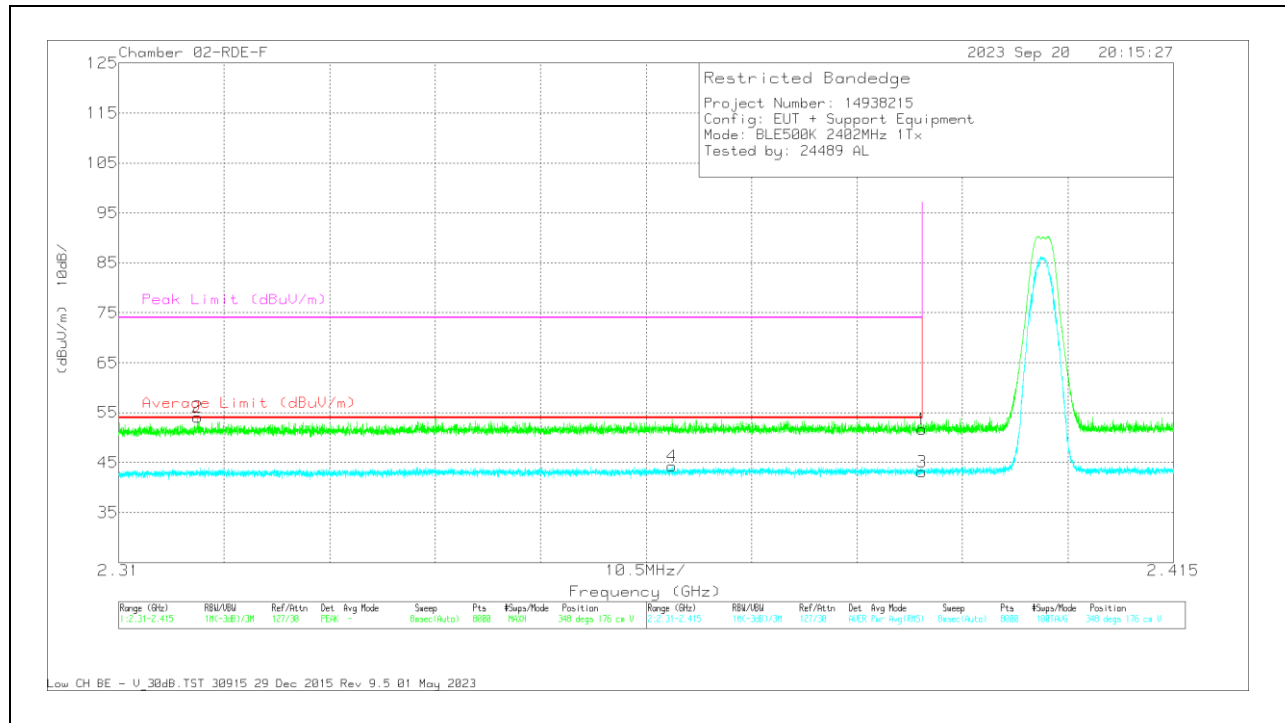
### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB) 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.5	Pk	32.1	-38.8	0	52.8	-	-	74	-21.2	247	250	H
2	* 2.374007	60.78	Pk	32.1	-38.8	0	54.08	-	-	74	-19.92	247	250	H
3	* 2.39	47.62	RMS	32.1	-38.8	2.48	43.4	54	-10.6	-	-	247	250	H
4	* 2.339299	48.54	RMS	32	-38.8	2.48	44.22	54	-9.78	-	-	247	250	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

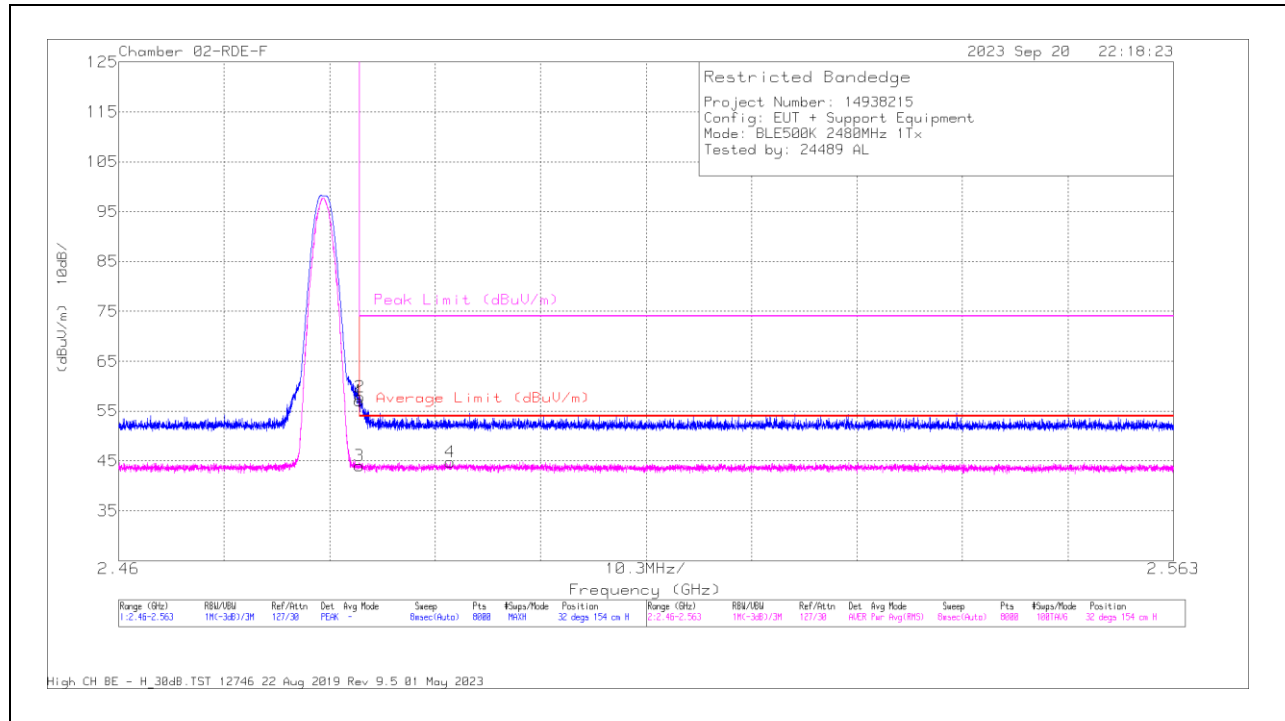


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB) 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	58.34	Pk	32.1	-38.8	0	51.64	-	-	74	-22.36	348	176	V
2	* 2.317876	61.04	Pk	31.9	-38.9	0	54.04	-	-	74	-19.96	348	176	V
3	* 2.39	47.38	RMS	32.1	-38.8	2.48	43.16	54	-10.84	-	-	348	176	V
4	* 2.365068	48.45	RMS	32.1	-38.8	2.48	44.23	54	-9.77	-	-	348	176	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

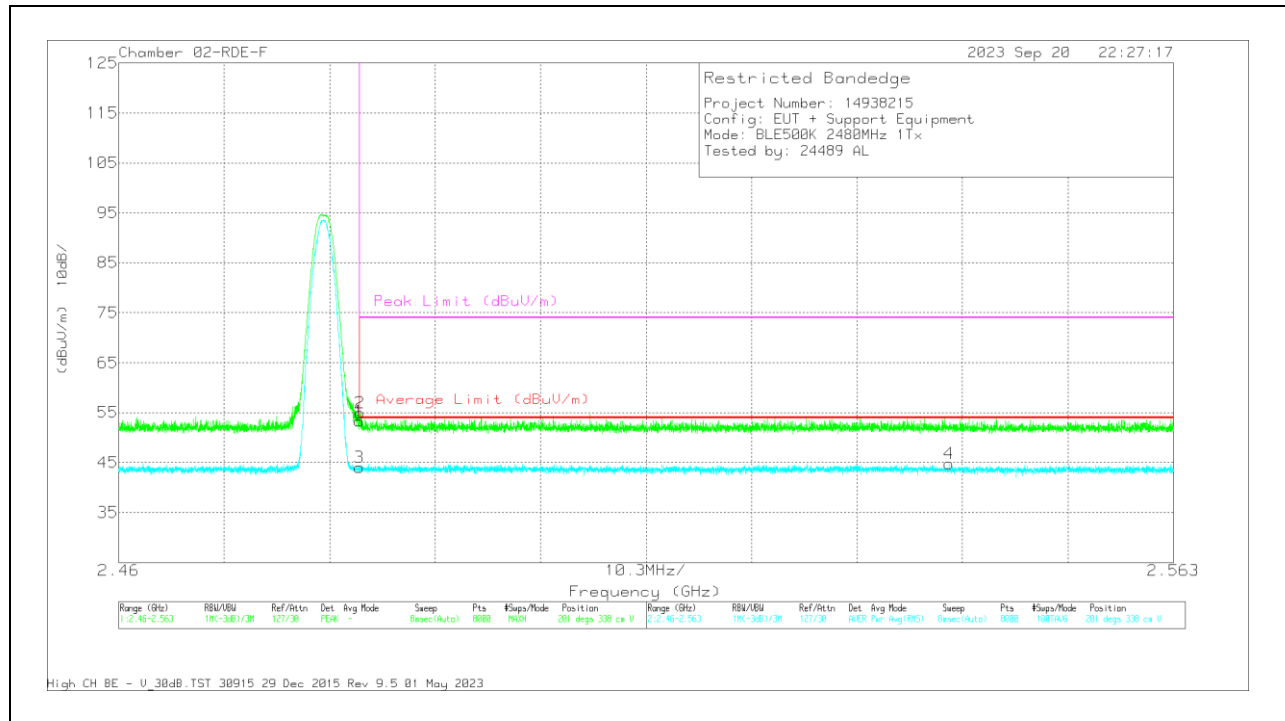
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB) 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	63.1	Pk	32.4	-38.4	0	57.1	-	-	74	-16.9	32	154	H
2	* 2.483539	63.8	Pk	32.4	-38.4	0	57.8	-	-	74	-16.2	32	154	H
3	* 2.4835	47.58	RMS	32.4	-38.4	2.48	44.06	54	-9.94	-	-	32	154	H
4	* 2.49236	48.13	RMS	32.5	-38.3	2.48	44.81	54	-9.19	-	-	32	154	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

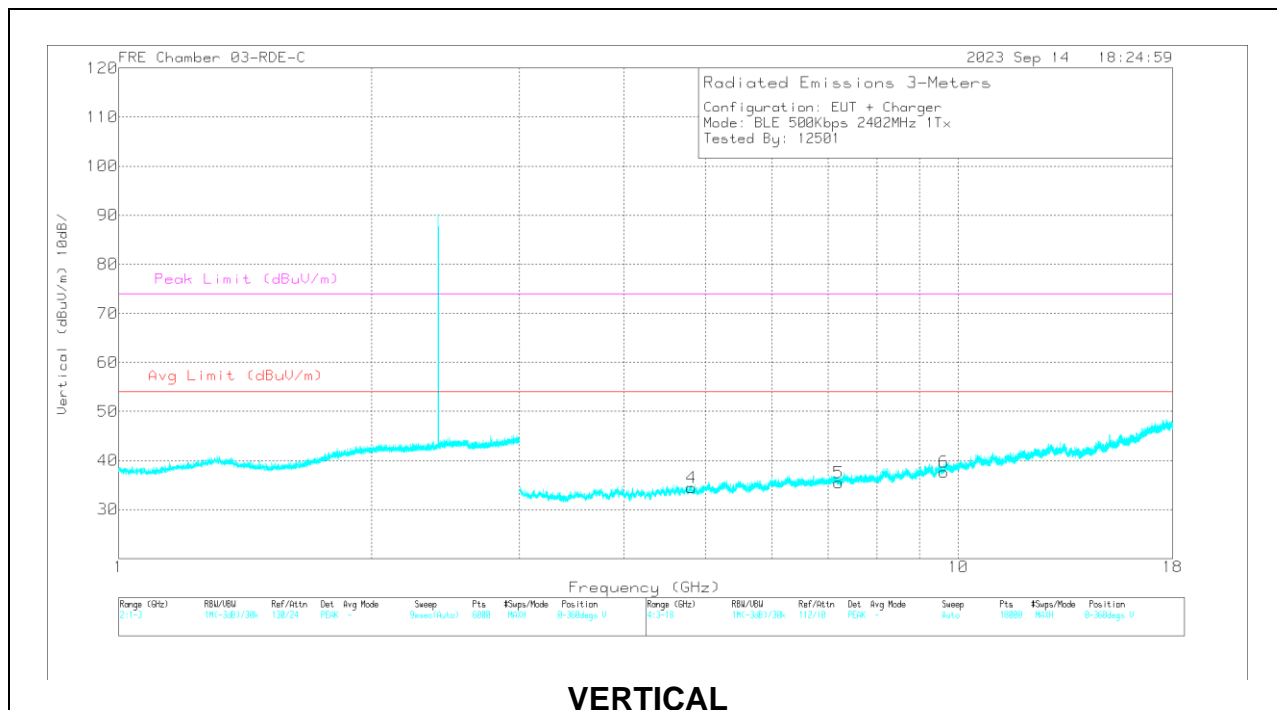
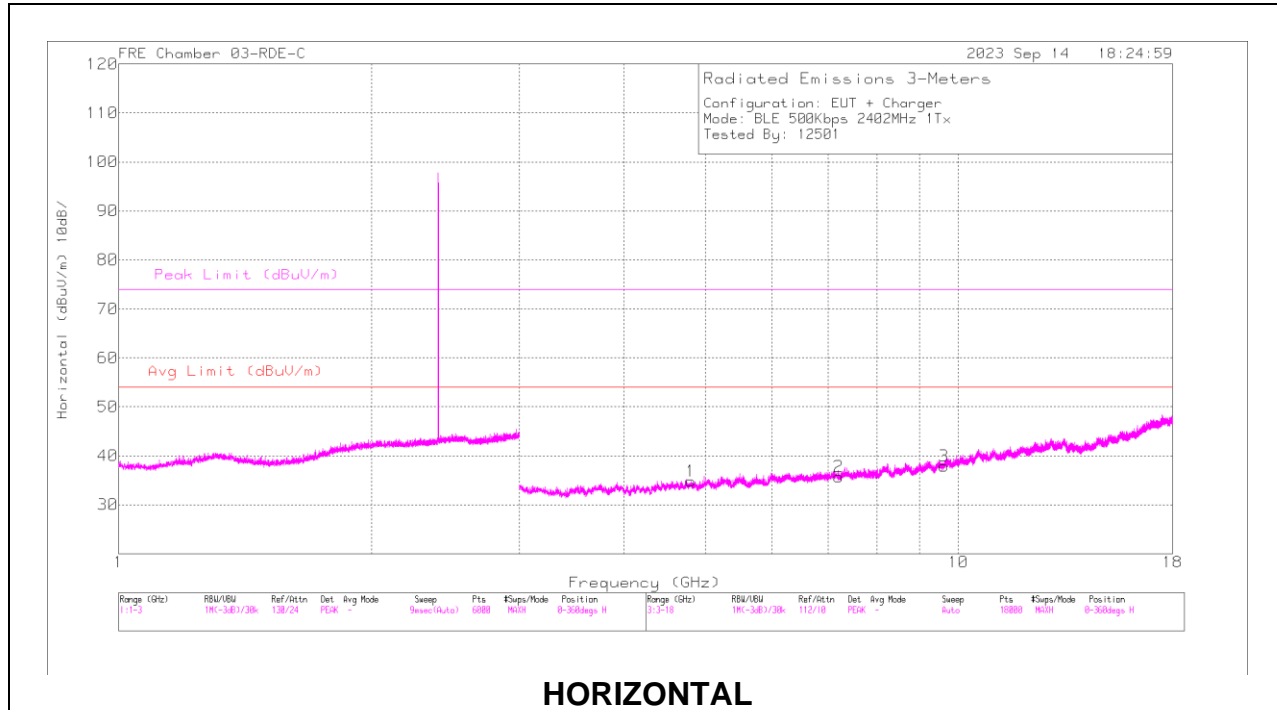


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB) 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	59.31	Pk	32.4	-38.4	0	53.31	-	-	74	-20.69	201	338	V
2	* 2.483539	60.95	Pk	32.4	-38.4	0	54.95	-	-	74	-19.05	201	338	V
3	* 2.4835	47.54	RMS	32.4	-38.4	2.48	44.02	54	-9.98	-	-	201	338	V
4	2.541074	48.2	RMS	32.4	-38.3	2.48	44.78	54	-9.22	-	-	201	338	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS

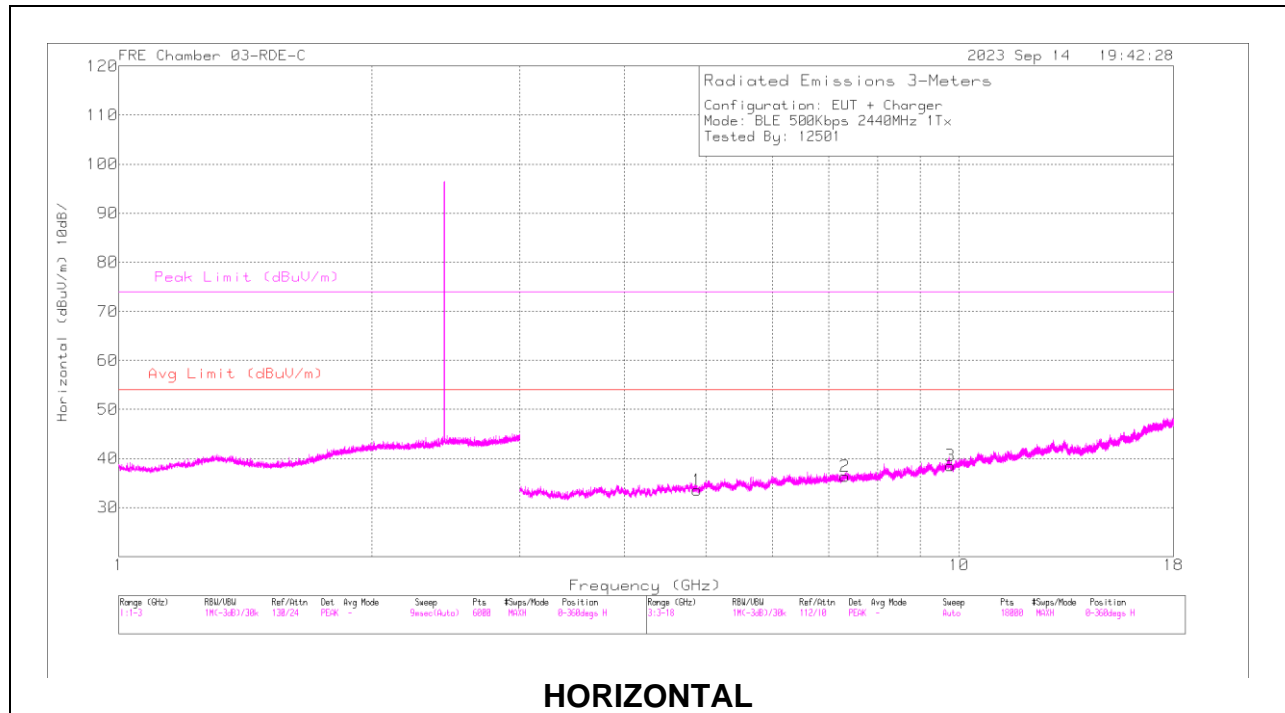


**RADIATED EMISSIONS**

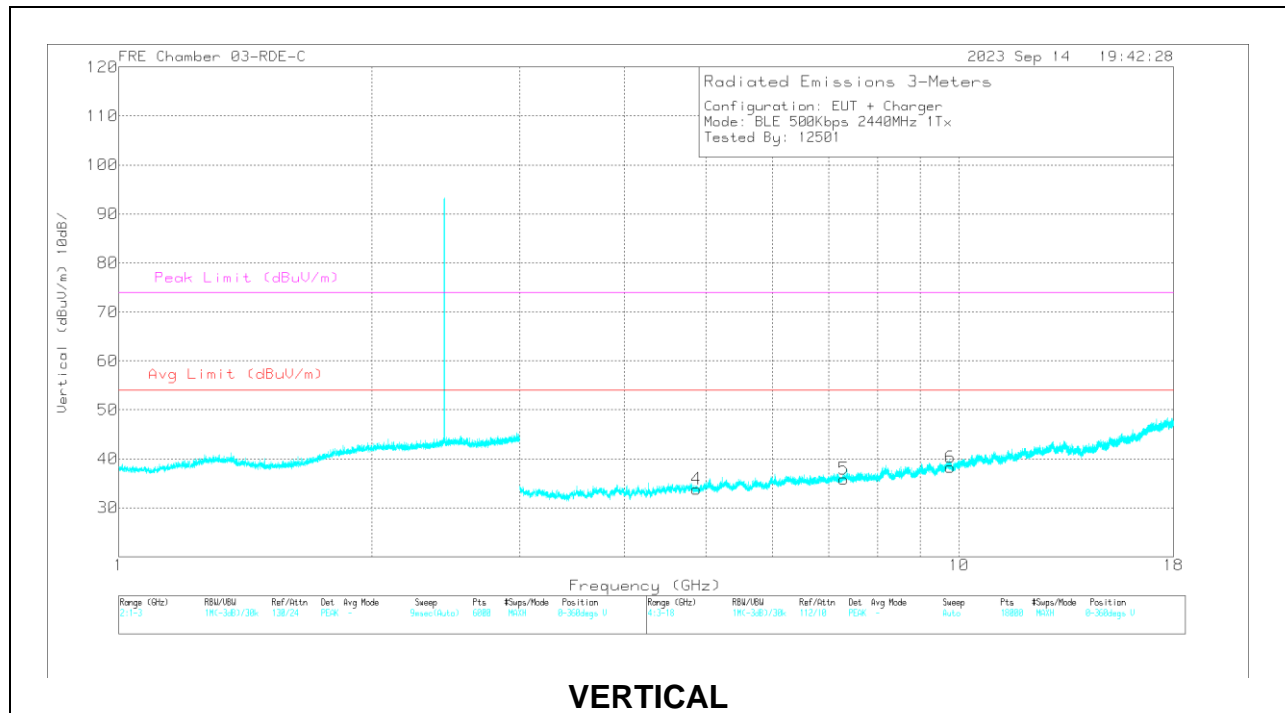
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.80797	58.44	PK2	34	0	-47.6	44.84	-	-	74	-29.16	350	170	H
	* 4.808063	46.94	MAv1	34	2.48	-47.59	35.83	54	-18.17	-	-	350	170	H
4	* 4.812154	57.91	PK2	34	0	-47.5	44.41	-	-	74	-29.59	57	263	V
	* 4.811647	46.78	MAv1	34	2.48	-47.5	35.76	54	-18.24	-	-	57	263	V
2	7.201892	56.99	PK2	35.7	0	-46.4	46.29	-	-	-	-	13	312	H
5	7.20567	57.16	PK2	35.7	0	-46.37	46.49	-	-	-	-	201	232	V
3	9.615133	57.3	PK2	36.7	0	-45.71	48.29	-	-	-	-	121	342	H
6	9.615837	57.87	PK2	36.7	0	-45.78	48.79	-	-	-	-	315	200	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

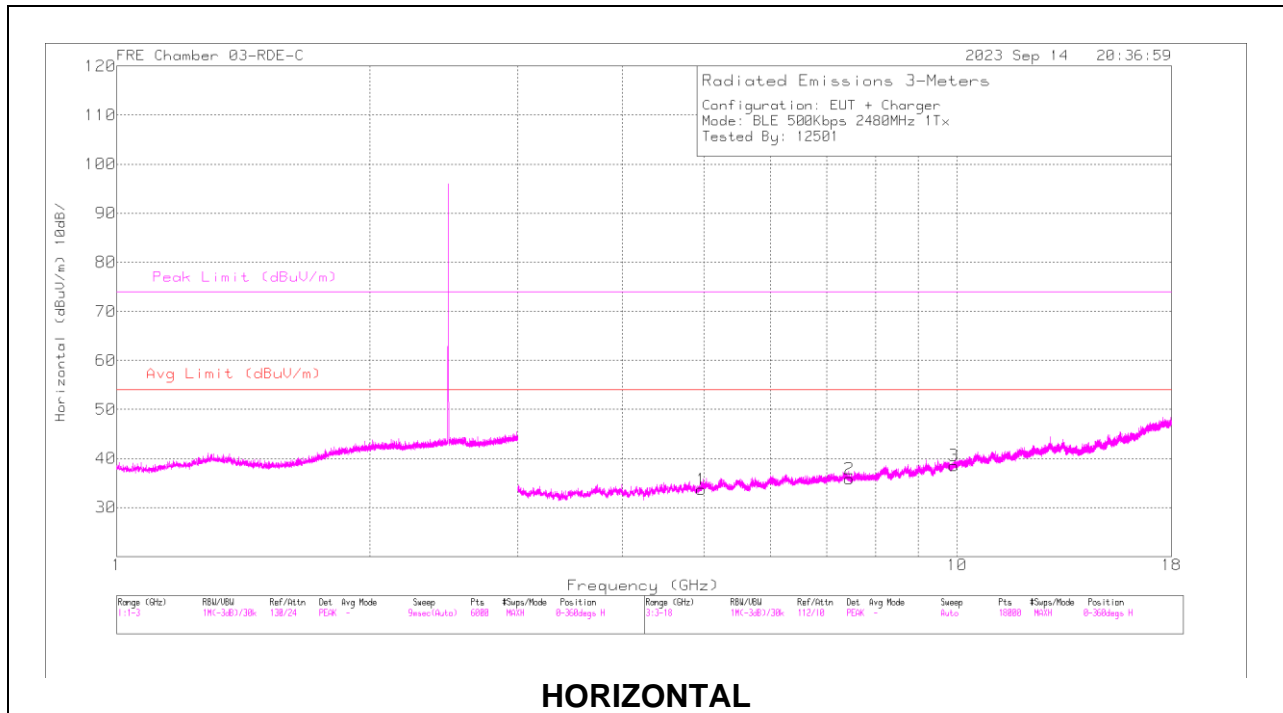
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.880131	58.06	PK2	34	0	-47.6	44.46	-	-	74	-29.54	185	241	H
	* 4.879986	46.43	MAv1	34	2.48	-47.6	35.31	54	-18.69	-	-	185	241	H
2	* 7.315687	56.69	PK2	35.7	0	-45.8	46.59	-	-	74	-27.41	14	332	H
	* 7.313356	45.26	MAv1	35.7	2.48	-45.76	37.68	54	-16.32	-	-	14	332	H
4	* 4.873977	58.32	PK2	34	0	-47.5	44.82	-	-	74	-29.18	154	386	V
	* 4.873081	46.18	MAv1	34	2.48	-47.59	35.07	54	-18.93	-	-	154	386	V
5	* 7.288191	56.6	PK2	35.7	0	-45.8	46.5	-	-	74	-27.5	154	200	V
	* 7.287657	45.14	MAv1	35.7	2.48	-45.83	37.49	54	-16.51	-	-	154	200	V
3	9.7641	58.24	PK2	36.9	0	-44.81	50.33	-	-	-	-	148	345	H
6	9.768941	57.22	PK2	36.9	0	-44.9	49.22	-	-	-	-	45	221	V

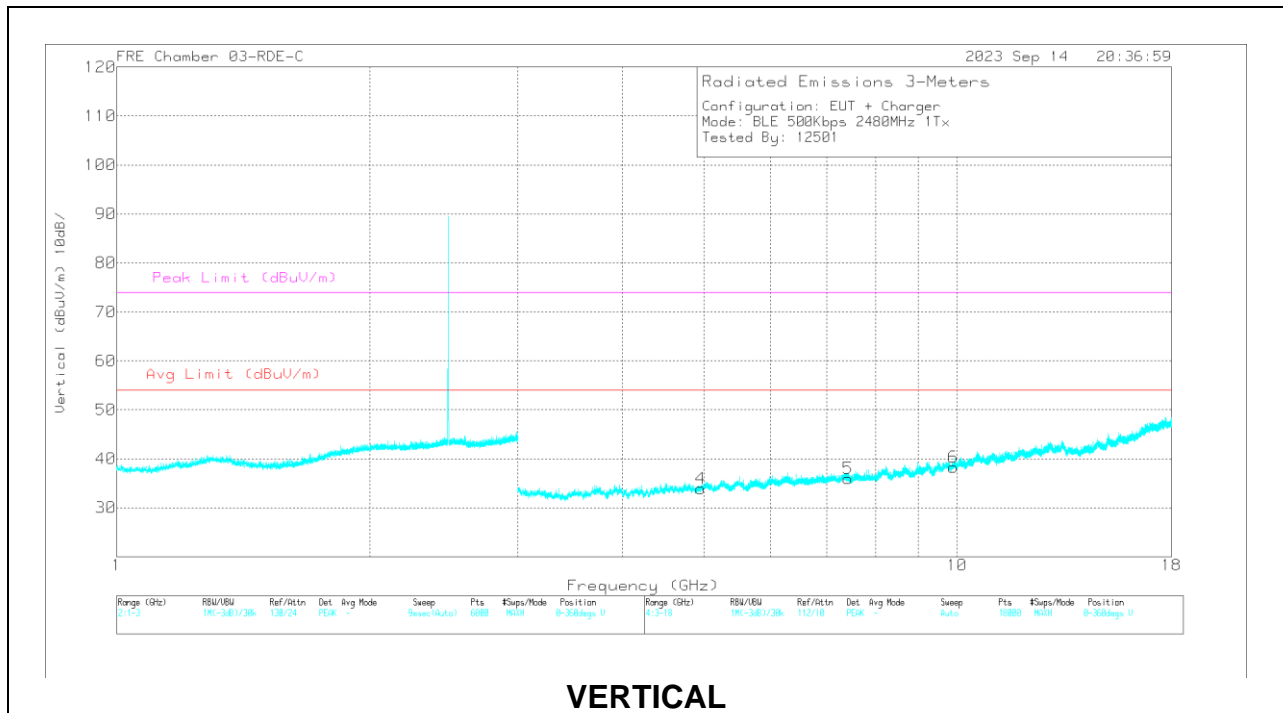
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average



### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

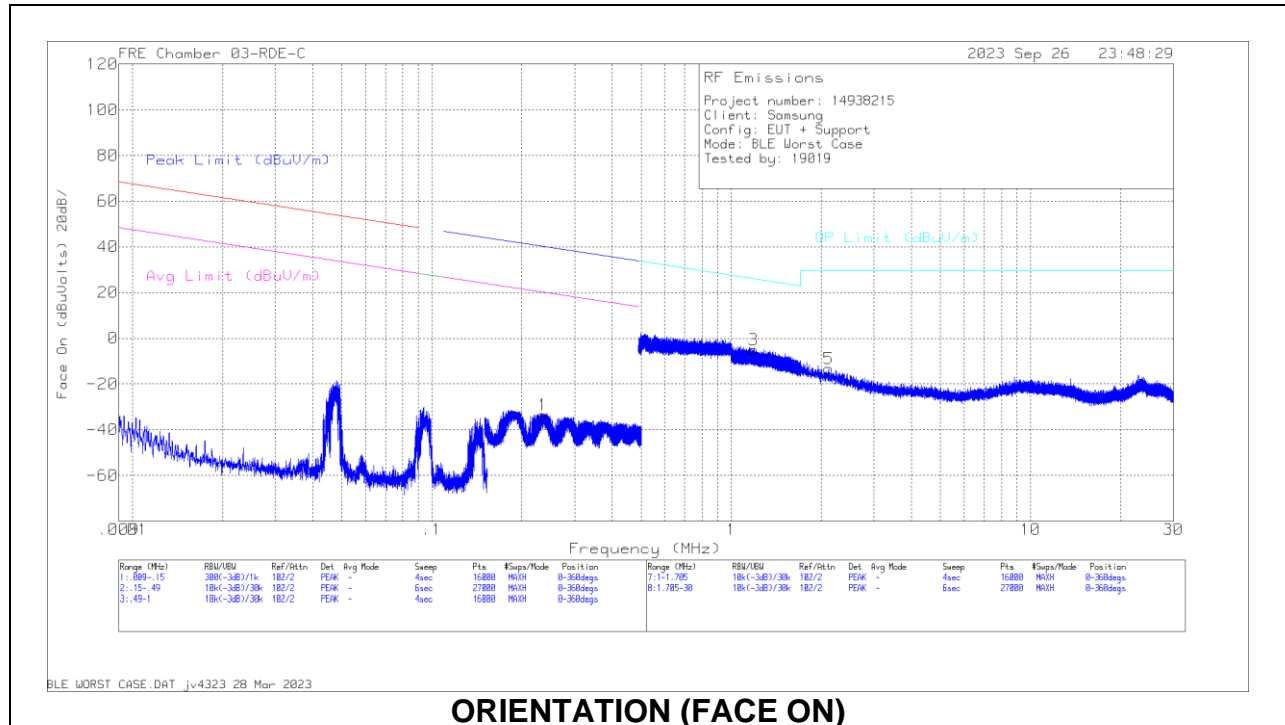
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.965376	58.23	PK2	34.1	0	-47.46	44.87	-	-	74	-29.13	48	256	H
	* 4.965303	46.39	MAv1	34.1	2.48	-47.47	35.5	54	-18.5	-	-	48	256	H
2	* 7.439901	56.83	PK2	35.7	0	-46.11	46.42	-	-	74	-27.58	48	100	H
	* 7.441762	45.42	MAv1	35.7	2.48	-46.28	37.32	54	-16.68	-	-	48	100	H
4	* 4.95504	58.82	PK2	34.1	0	-47.4	45.52	-	-	74	-28.48	284	271	V
	* 4.957731	46.46	MAv1	34.1	2.48	-47.47	35.57	54	-18.43	-	-	284	271	V
5	* 7.416976	57.2	PK2	35.7	0	-46.2	46.7	-	-	74	-27.3	284	141	V
	* 7.413608	45.4	MAv1	35.7	2.48	-46.1	37.48	54	-16.52	-	-	284	141	V
6	9.90313	57.94	PK2	37	0	-45.39	49.55	-	-	-	-	335	279	V
3	9.918892	57.34	PK2	37	0	-45.21	49.13	-	-	-	-	16	228	H

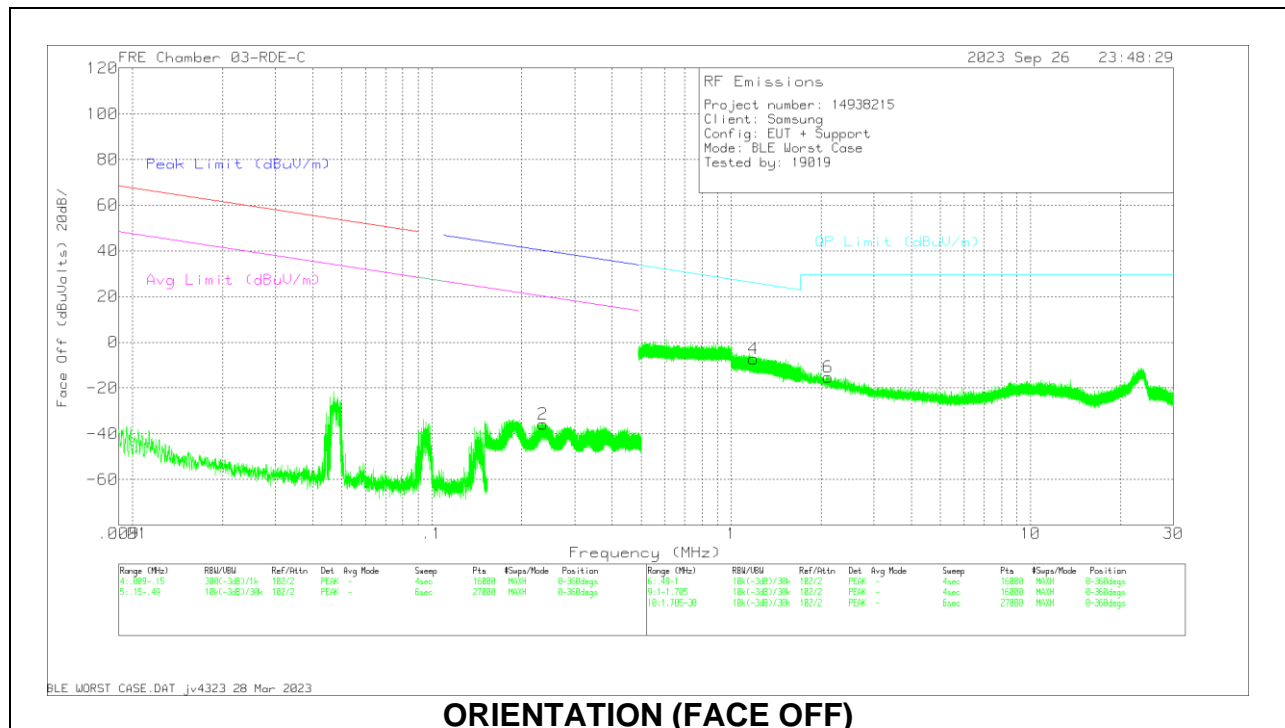
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

### 10.3. WORST CASE BELOW 30 MHz

#### SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



**ORIENTATION (FACE ON)**



**ORIENTATION (FACE OFF)**

**Below 30MHz Data**

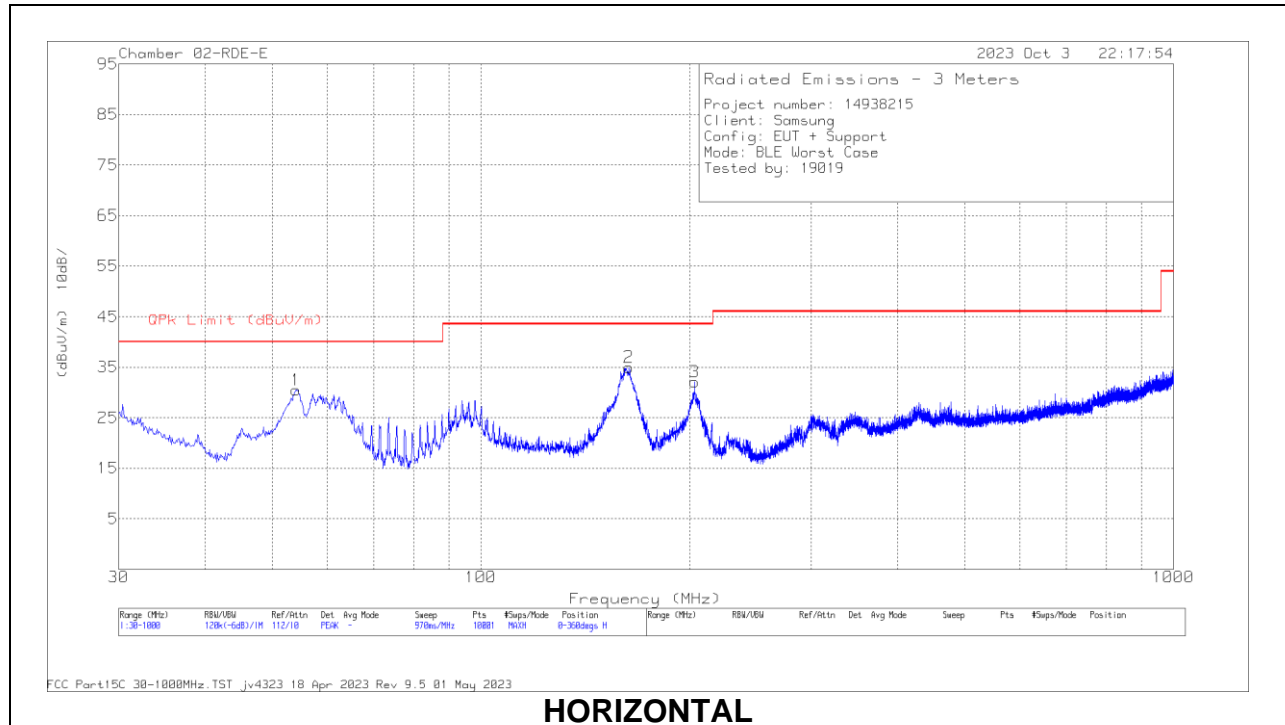
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF) (dB)	Cbl (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.2354	22.91	Pk	56.4	-32.8	-80	-33.49	40.18	-73.67	20.18	-53.67	0-360
2	.2356	20.58	Pk	56.4	-32.8	-80	-35.82	40.17	-75.99	20.17	-55.99	0-360

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF) (dB)	Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	1.1875	21.85	Pk	45.8	-32.6	-40	-4.95	26.13	-31.08	0-360
4	1.1895	19.6	Pk	45.8	-32.6	-40	-7.2	26.12	-33.32	0-360
6	2.1064	16.02	Pk	41.3	-32.5	-40	-15.18	29.5	-44.68	0-360
5	2.1148	17.9	Pk	41.2	-32.5	-40	-13.4	29.5	-42.9	0-360

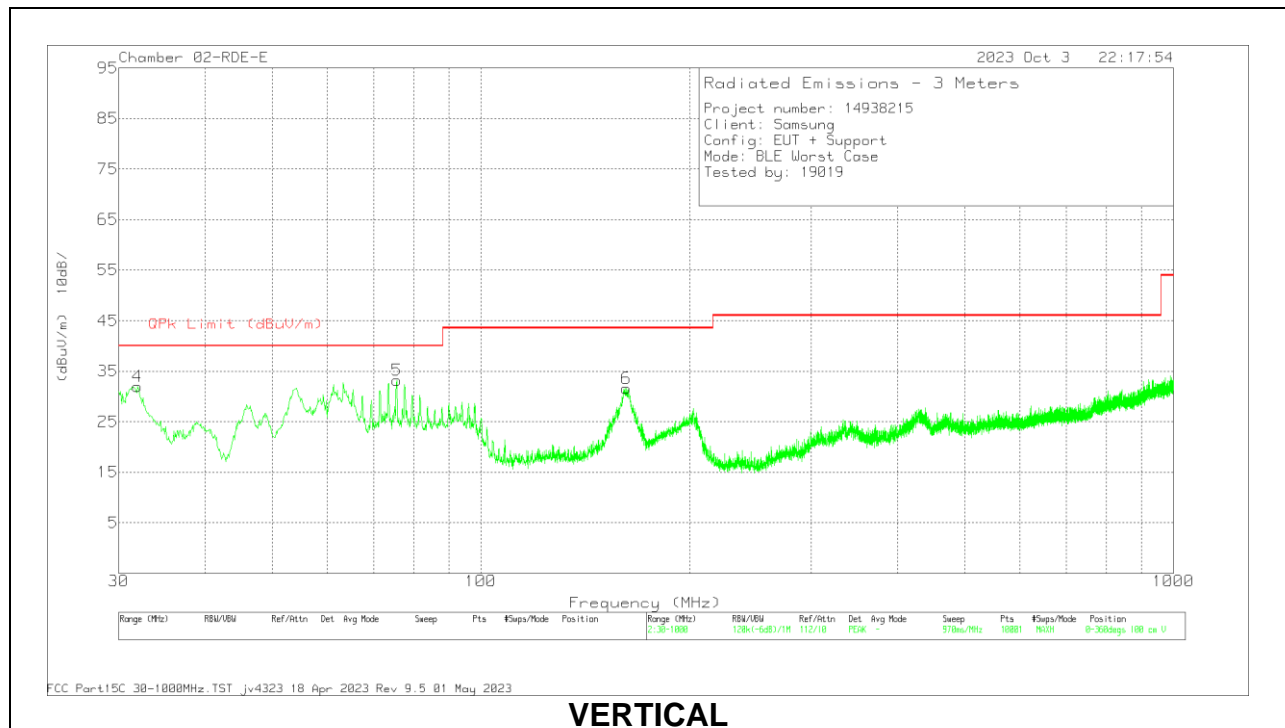
Pk - Peak detector

### 10.4. WORST CASE BELOW 1 GHz

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



**HORIZONTAL**



**VERTICAL**

**Below 1GHz Data**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	230635 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 163.472	47.2	Pk	18	-30.2	35	43.52	-8.52	0-360	199	H
6	* 162.308	43.8	Pk	18	-30.2	31.6	43.52	-11.92	0-360	199	V
4	31.94	38.12	Pk	25.4	-31.6	31.92	40	-8.08	0-360	100	V
1	54.056	48.49	Pk	13.2	-31.2	30.49	40	-9.51	0-360	399	H
5	75.59	50.41	Pk	13.8	-31	33.21	40	-6.79	0-360	100	V
	* 74.8326	43.51	Qp	13.9	-31	26.41	40	-13.59	284	107	V
3	203.533	44.53	Pk	17.4	-29.9	32.03	43.52	-11.49	0-360	99	H

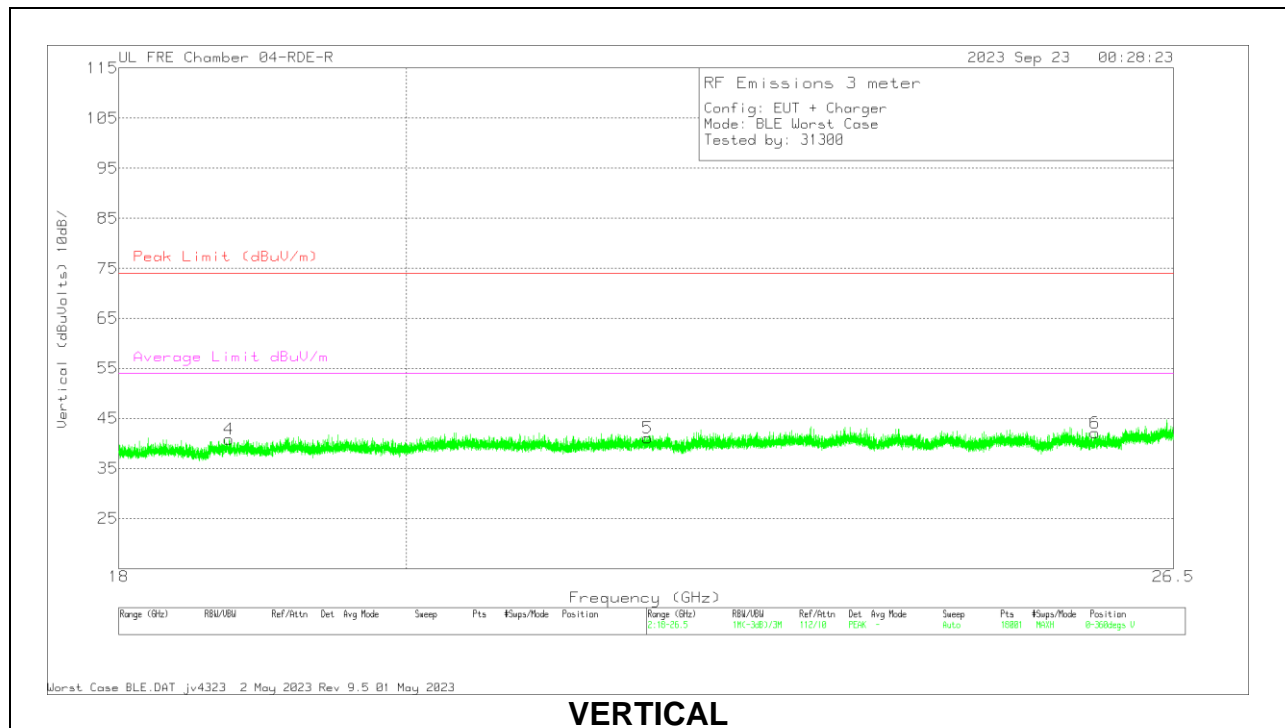
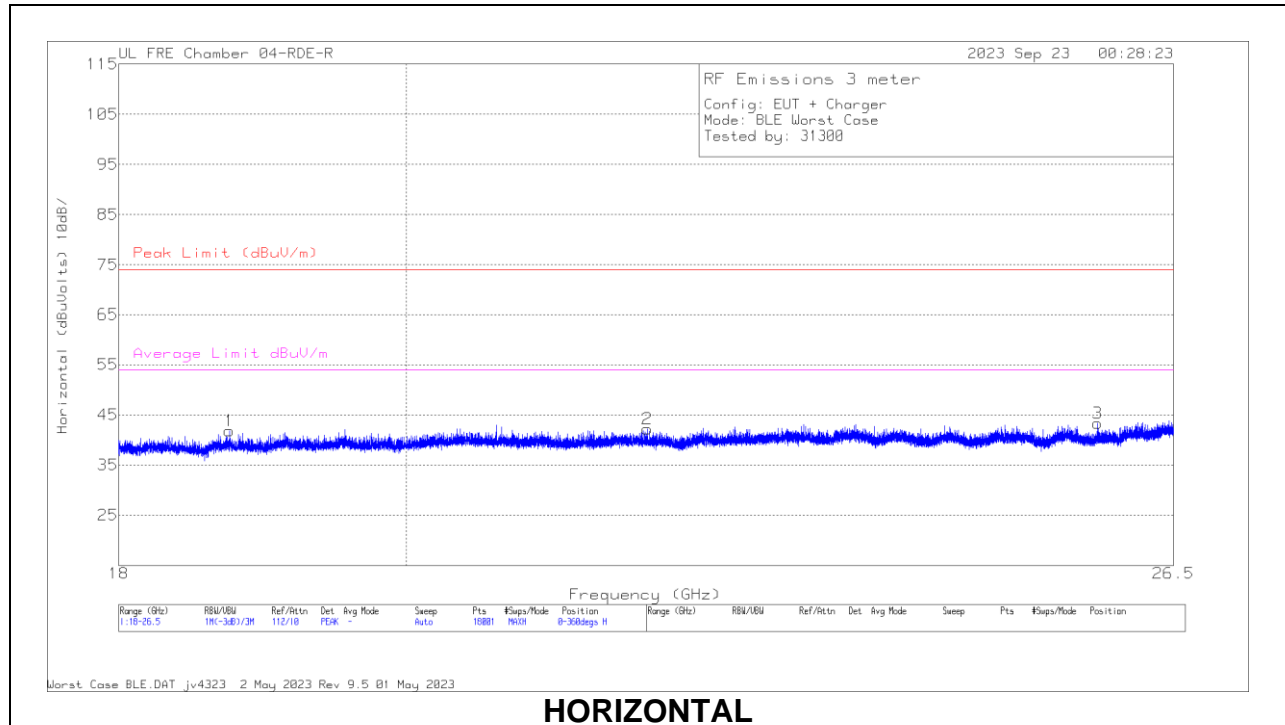
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Qp - Quasi-Peak detector

### 10.5. WORST CASE 18-26 GHz

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



## 18 – 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172363 ACF 3m (dB/m)	171580 Amp (dB)	Cables (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18.744694	57.89	Pk	32.3	-63.6	15.3	41.89	74	-32.11	0-360	99	H
4	* 18.742805	56.8	Pk	32.3	-63.6	15.3	40.8	74	-33.2	0-360	99	V
2	21.850026	56.1	Pk	32.9	-63.4	16.6	42.2	74	-31.8	0-360	99	H
5	21.853804	55	Pk	32.9	-63.4	16.6	41.1	74	-32.9	0-360	99	V
6	25.75058	52.38	Pk	33.8	-62.1	18	42.08	74	-31.92	0-360	99	V
3	25.771357	53.54	Pk	33.8	-62	18	43.34	74	-30.66	0-360	99	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector



## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

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

\* Decreases with the logarithm of the frequency.

### TEST PROCEDURE

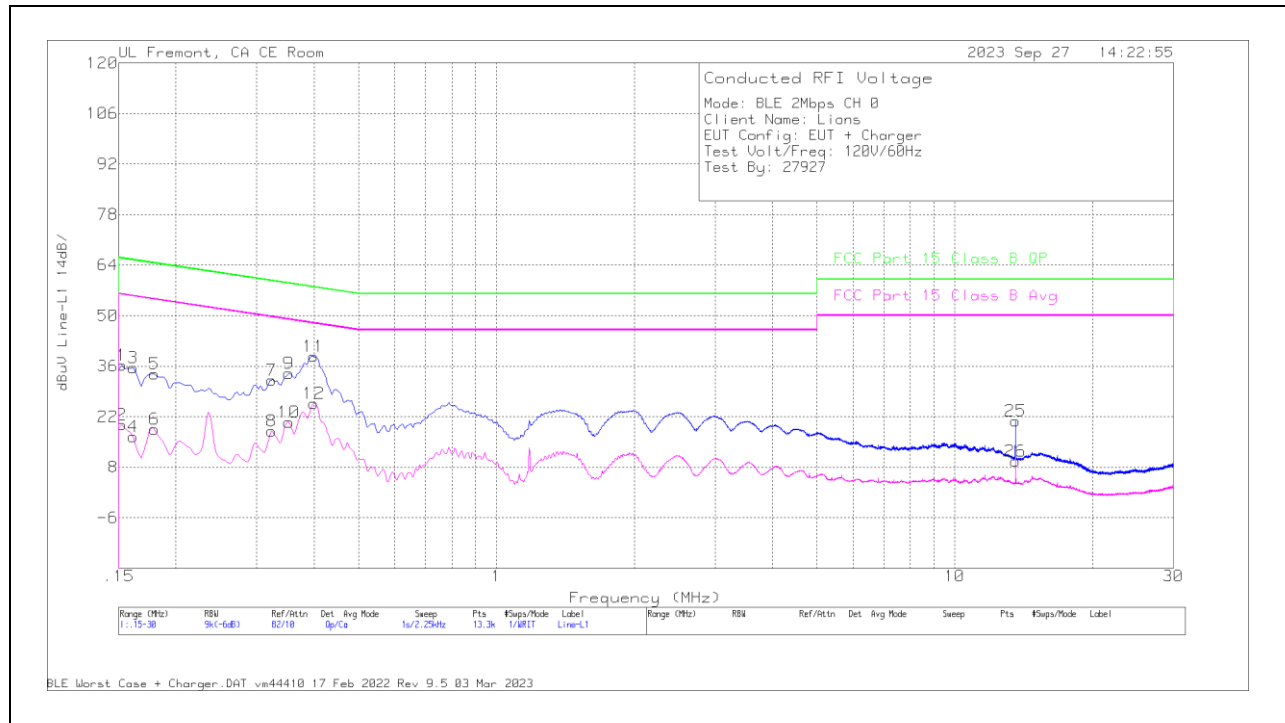
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

Line conducted data is recorded for both NEUTRAL and HOT lines.

### RESULTS

### LINE 1 RESULTS

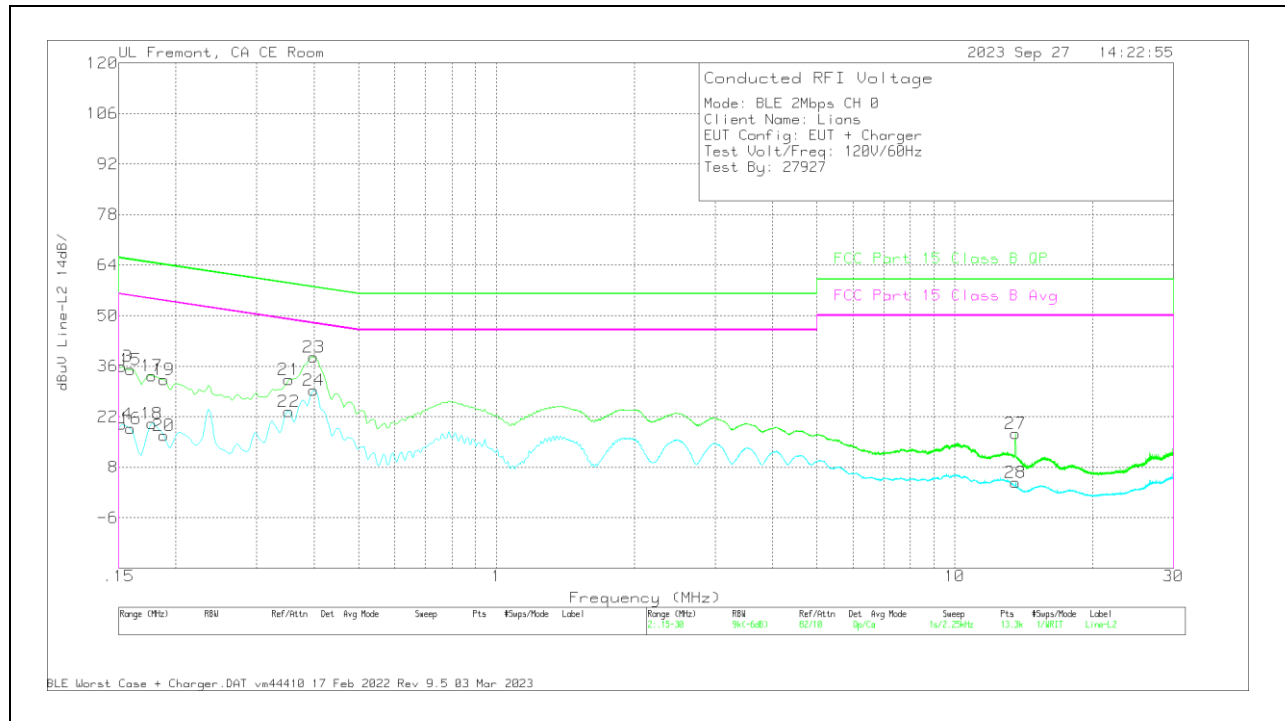


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trns Limiter (dB)	Corrected Reading dBuV	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av(CISPR)Margin (dB)
2	.1523	10.3	Ca	0	0	9.5	19.8	-	-	55.88	-36.08
4	.1613	6.94	Ca	0	0	9.5	16.44	-	-	55.4	-38.96
6	.1793	9.06	Ca	0	.1	9.4	18.56	-	-	54.52	-35.96
8	.3233	8.45	Ca	0	.1	9.4	17.95	-	-	49.62	-31.67
10	.3525	10.98	Ca	0	0	9.4	20.38	-	-	48.9	-28.52
12	.3998	16.23	Ca	0	0	9.4	25.63	-	-	47.86	-22.23
26	13.56	-26	Ca	.1	.3	9.5	9.64	-	-	50	-40.36
1	.1523	26.71	Qp	0	0	9.5	36.21	65.88	-29.67	-	-
3	.1613	26.04	Qp	0	0	9.5	35.54	65.4	-29.86	-	-
5	.1793	24.37	Qp	0	.1	9.4	33.87	64.52	-30.65	-	-
7	.3233	22.6	Qp	0	.1	9.4	32.1	59.62	-27.52	-	-
9	.3525	24.53	Qp	0	0	9.4	33.93	58.9	-24.97	-	-
11	.3998	29.31	Qp	0	0	9.4	38.71	57.86	-19.15	-	-
25	13.56	10.89	Qp	.1	.3	9.5	20.79	60	-39.21	-	-

Qp - Quasi-Peak detector  
 Ca - CISPR average detection

Note: 13.56MHz (markers 25 and 26) is an external NFC signal unrelated to the EUT.

### LINE 2 RESULTS



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trns Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av(CISPR)Margin (dB)
14	.1523	10.45	Ca	0	0	9.5	19.95	-	-	55.88	-35.93
16	.159	9.17	Ca	0	0	9.5	18.67	-	-	55.52	-36.85
18	.177	10.62	Ca	0	.1	9.4	20.12	-	-	54.63	-34.51
20	.1883	7.28	Ca	0	.1	9.4	16.78	-	-	54.11	-37.33
22	.3525	13.91	Ca	0	.1	9.4	23.41	-	-	48.9	-25.49
24	.3998	19.89	Ca	0	.1	9.4	29.39	-	-	47.86	-18.47
28	13.56	-6.06	Ca	.1	.2	9.5	3.74	-	-	50	-46.26
13	.1523	26.41	Qp	0	0	9.5	35.91	65.88	-29.97	-	-
15	.159	25.48	Qp	0	0	9.5	34.98	65.52	-30.54	-	-
17	.177	23.86	Qp	0	.1	9.4	33.36	64.63	-31.27	-	-
19	.1883	22.78	Qp	0	.1	9.4	32.28	64.11	-31.83	-	-
21	.3525	22.69	Qp	0	.1	9.4	32.19	58.9	-26.71	-	-
23	.3998	28.99	Qp	0	.1	9.4	38.49	57.86	-19.37	-	-
27	13.5623	7.46	Qp	.1	.2	9.5	17.26	60	-42.74	-	-

Qp - Quasi-Peak detector  
 Ca - CISPR average detection

Note: 13.56MHz (markers 27 and 28) is an external NFC signal unrelated to the EUT.

## 12. SETUP PHOTOS

Please refer to 14938215 – E11V1 for setup photos.

**END OF TEST REPORT**