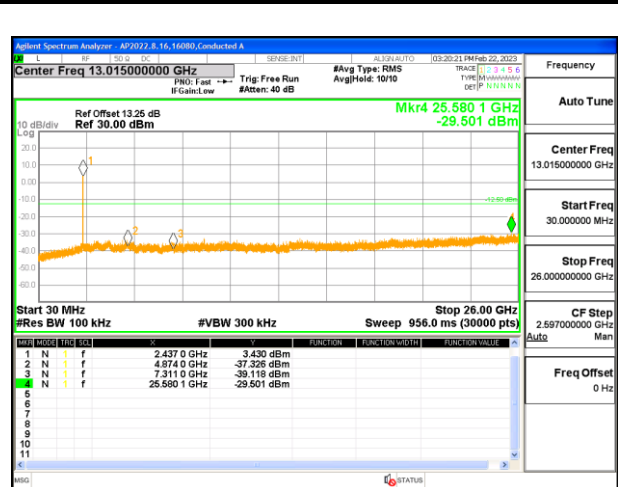
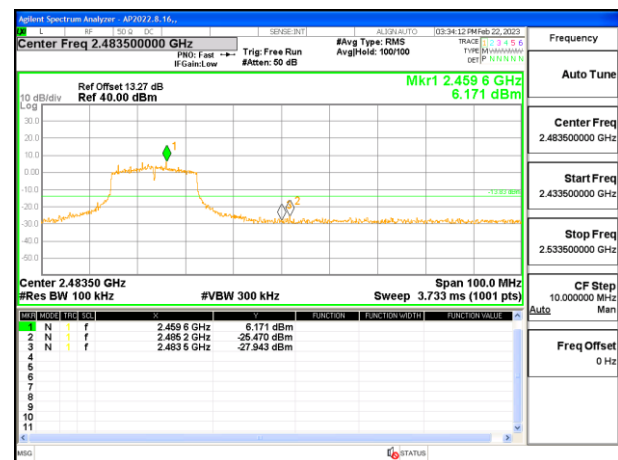


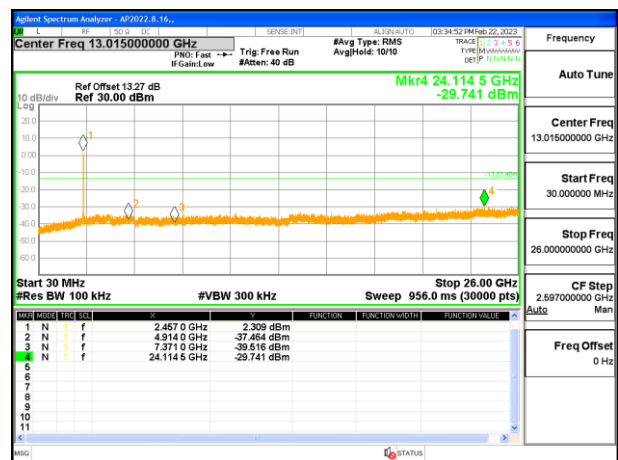
IN-BAND REFERENCE LEVEL Antenna 1



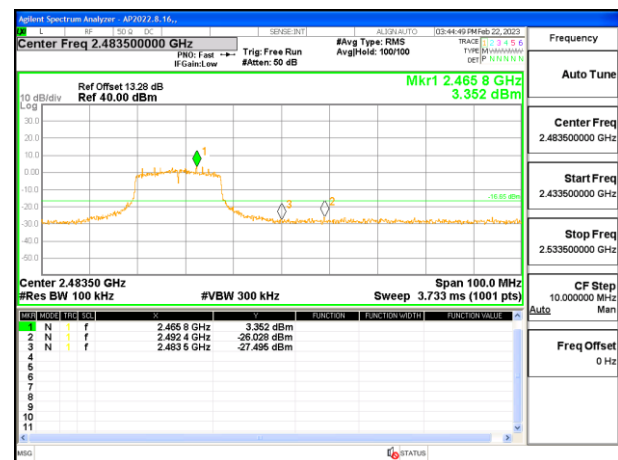
OUT-OF-BAND MID CHANNEL Antenna 1



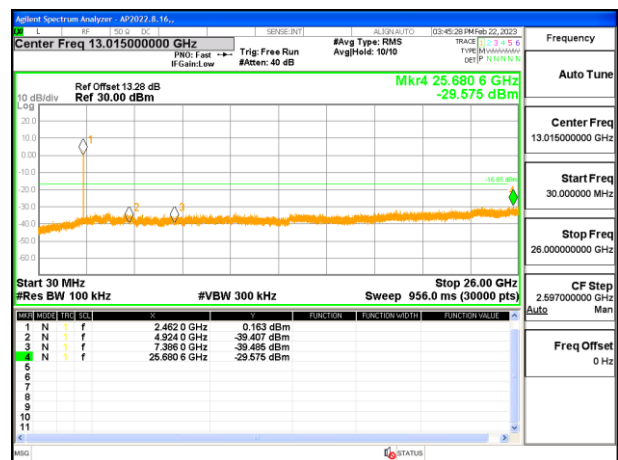
HIGH CHANNEL 10 BANDEDGE Antenna 1



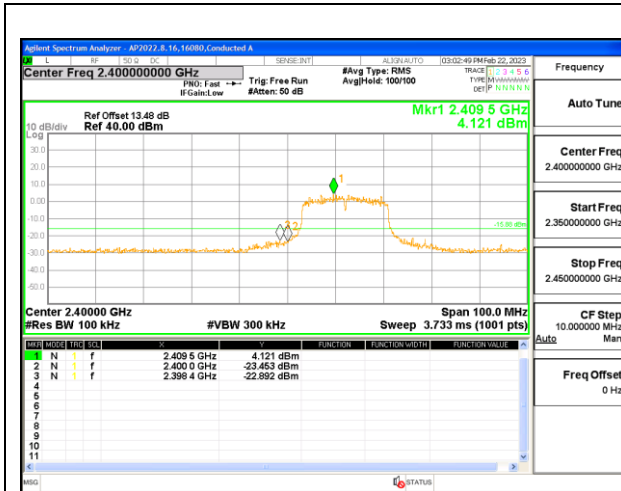
OUT-OF-BAND HIGH CHANNEL 10 Antenna 1



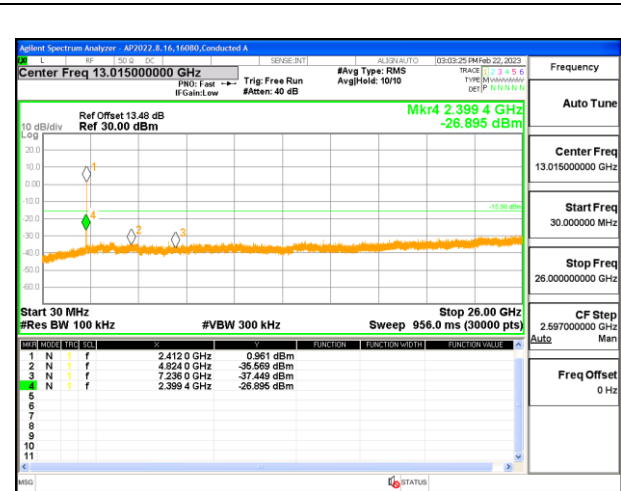
HIGH CHANNEL 11 BANDEDGE Antenna 1



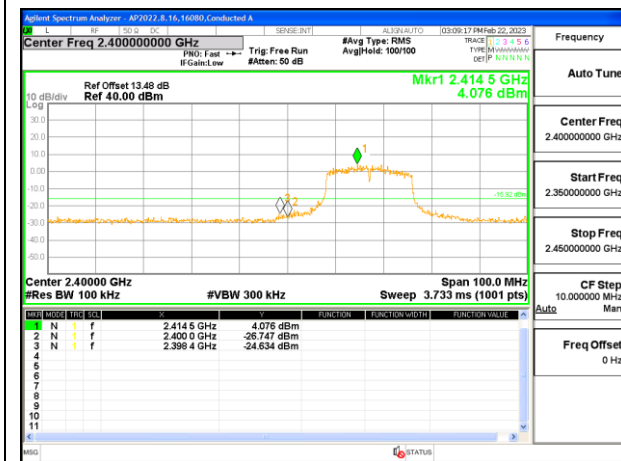
OUT-OF-BAND HIGH CHANNEL 11 Antenna 1



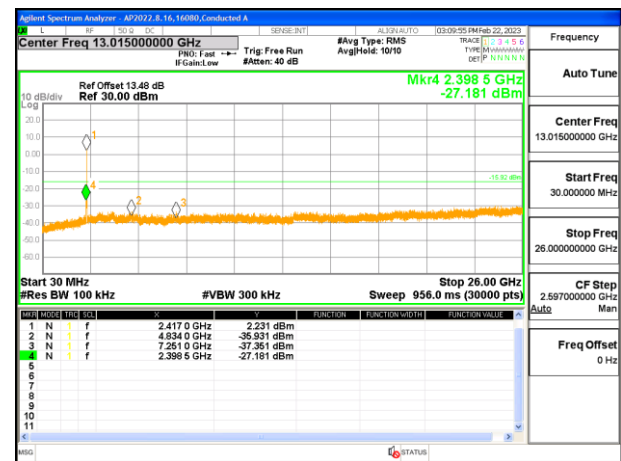
LOW CHANNEL 1 BANDEDGE Antenna 4



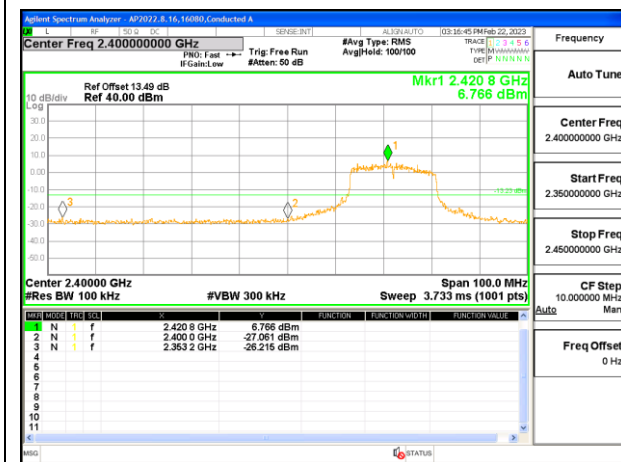
OUT-OF-BAND LOW CHANNEL 1 Antenna 4



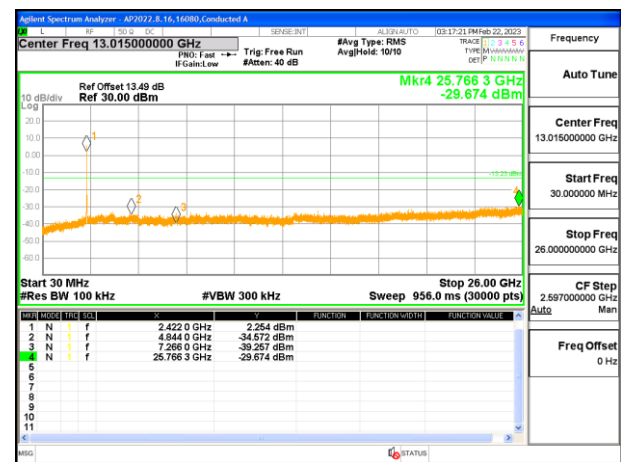
LOW CHANNEL 2 BANDEDGE Antenna 4



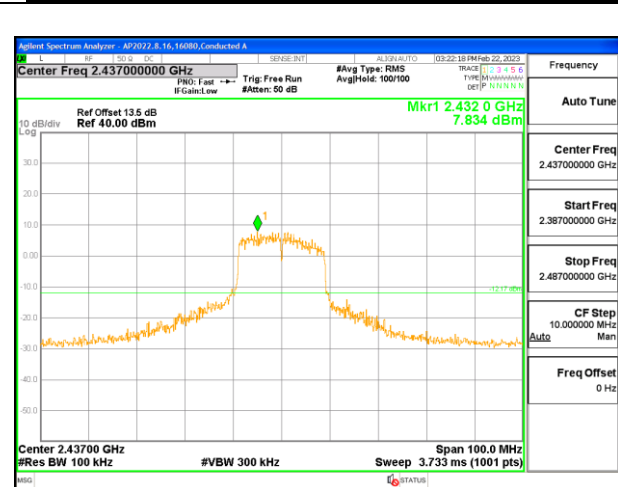
OUT-OF-BAND LOW CHANNEL 2 Antenna 4



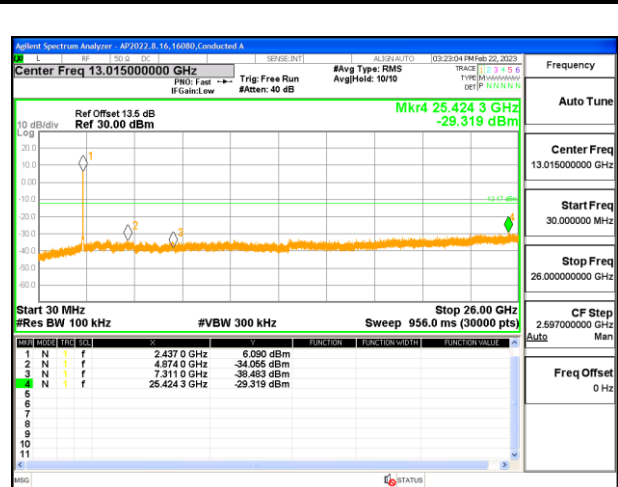
LOW CHANNEL 3 BANDEDGE Antenna 4



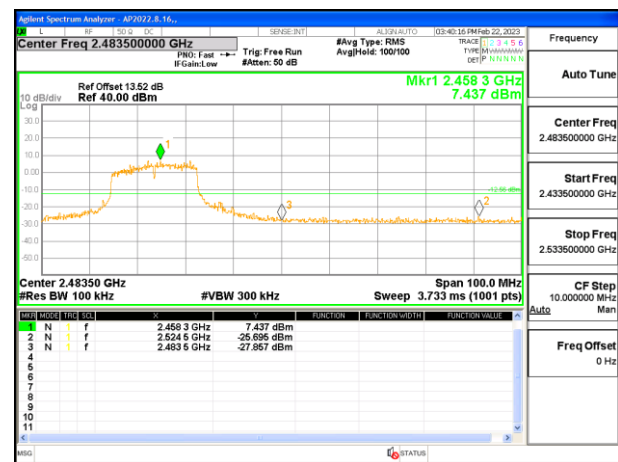
OUT-OF-BAND LOW CHANNEL 3 Antenna 4



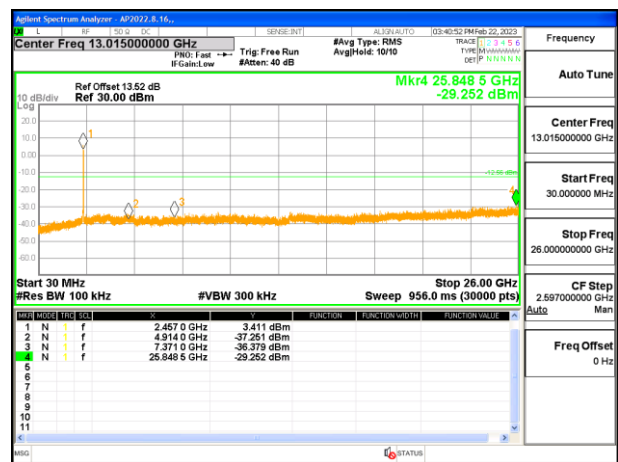
IN-BAND REFERENCE LEVEL Antenna 4



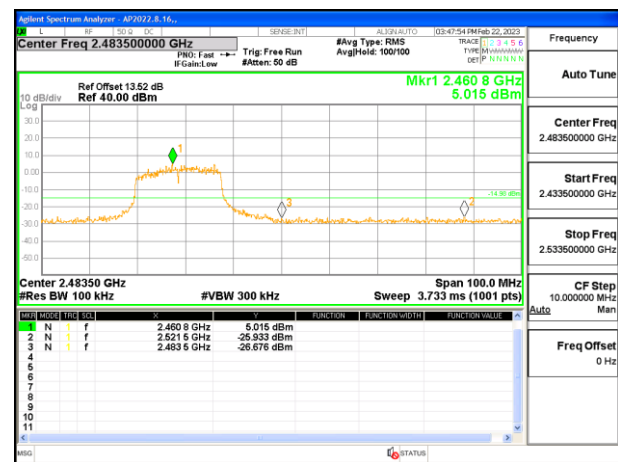
OUT-OF-BAND MID CHANNEL Antenna 4



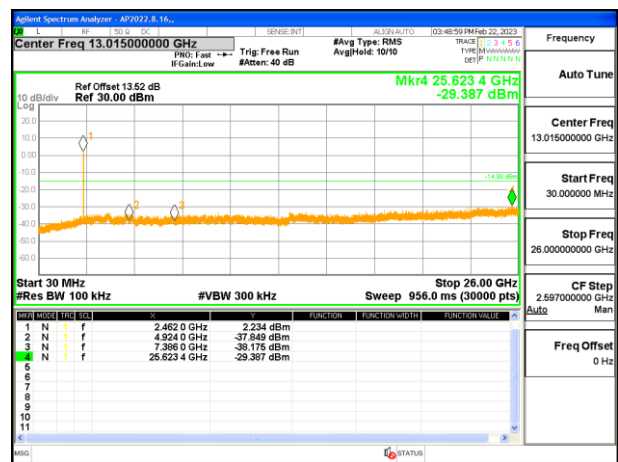
HIGH CHANNEL 10 BANDEDGE Antenna 4



OUT-OF-BAND HIGH CHANNEL 10 Antenna 4



HIGH CHANNEL 11 BANDEDGE Antenna 4



OUT-OF-BAND HIGH CHANNEL 11 Antenna 4

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

2D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

KDB 414788 Open Field Site (OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

NOTE: The limits in 47 CFR, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

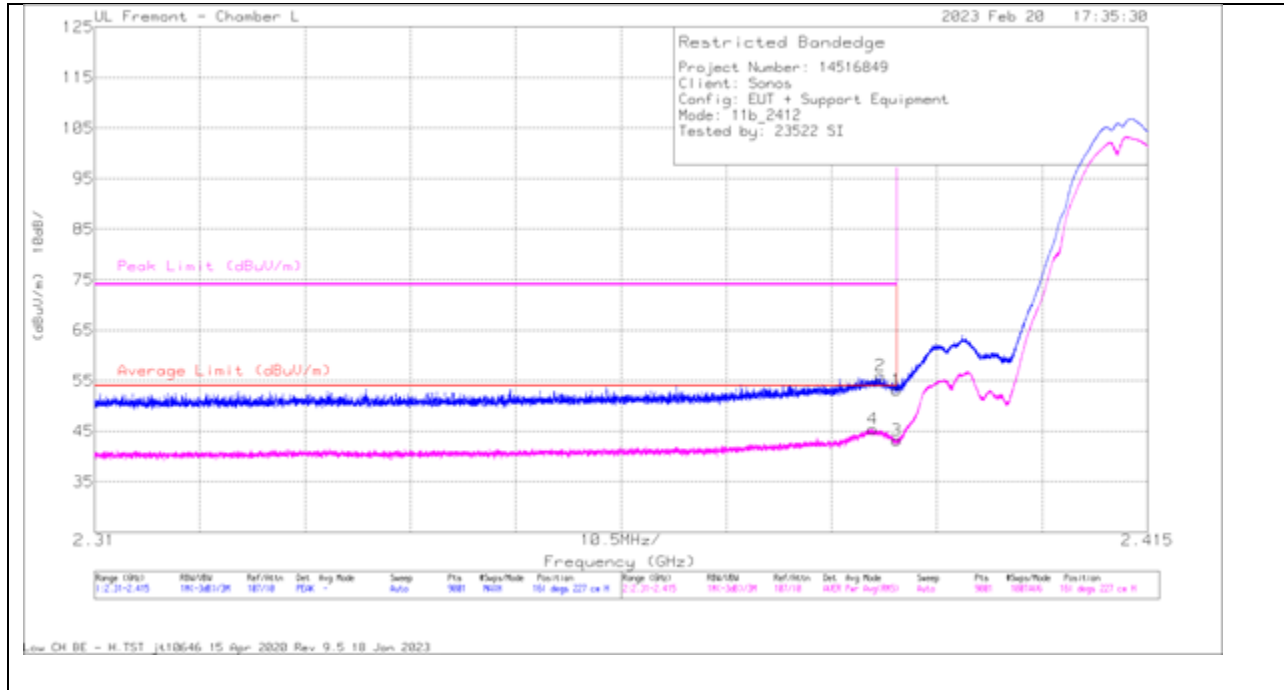
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

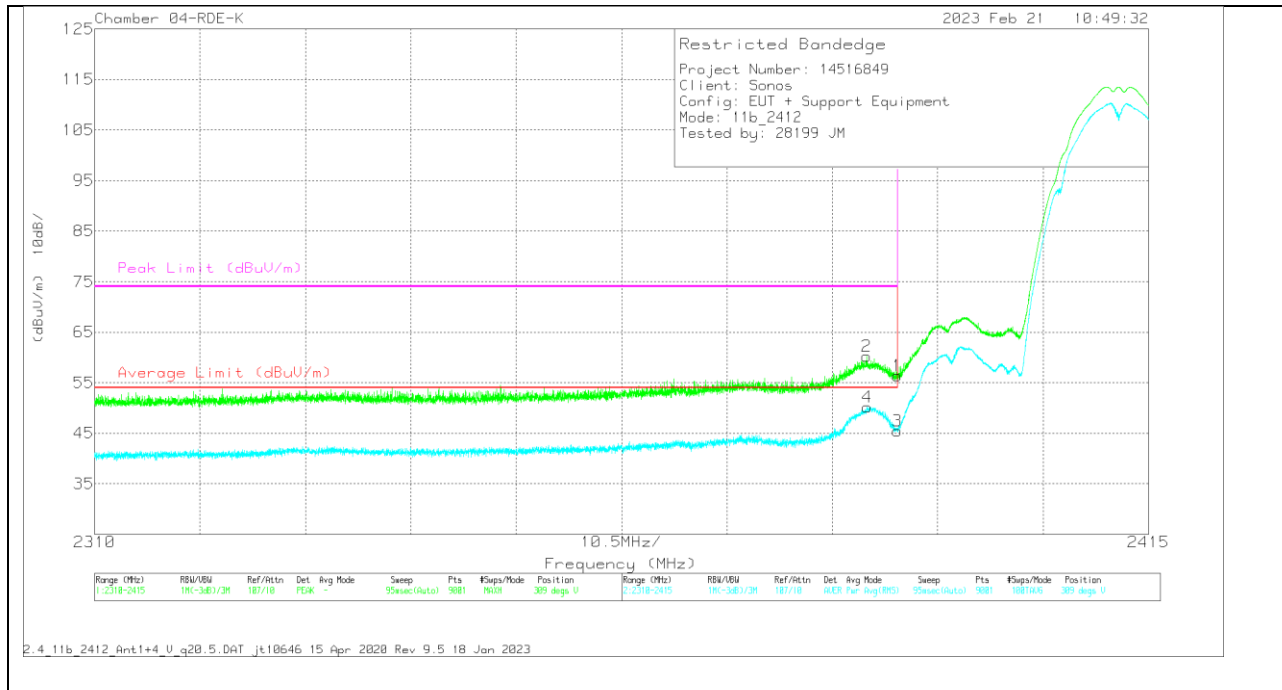
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (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	* 2390	40.8	Pk	32.5	-20.1	0	53.2	-	-	74	-20.8	161	227	H
2	* 2388.367	43.64	Pk	32.5	-20.1	0	56.04	-	-	74	-17.96	161	227	H
3	* 2390	30.5	RMS	32.5	-20.1	.31	43.21	54	-10.79	-	-	161	227	H
4	* 2387.621	32.75	RMS	32.5	-20.1	.31	45.46	54	-8.54	-	-	161	227	H

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

VERTICAL RESULT

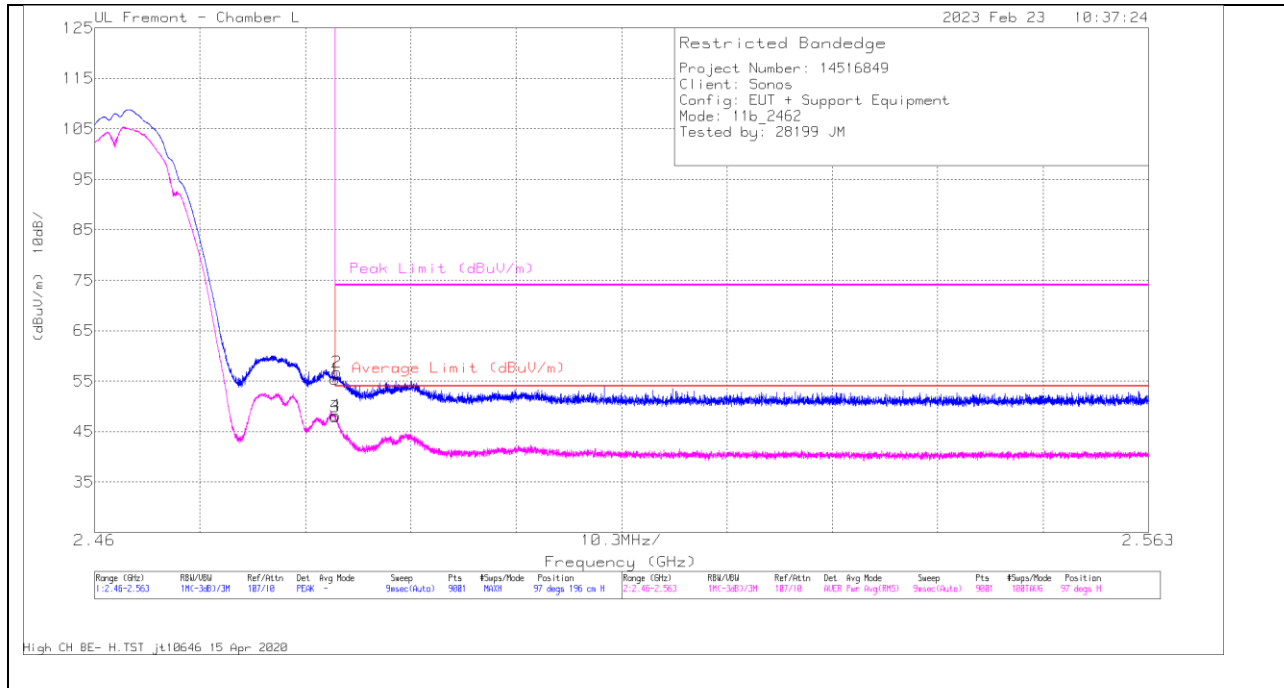


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	43.92	Pk	32.5	-20.1	0	56.32	-	-	74	-17.68	309	102	V
2	* 2386.921	47.79	Pk	32.5	-20.1	0	60.19	-	-	74	-13.81	309	102	V
3	* 2390	32.76	RMS	32.5	-20.1	.31	45.48	54	-8.52	-	-	309	102	V
4	* 2387.014	37.49	RMS	32.5	-20.1	.31	50.21	54	-3.79	-	-	309	102	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

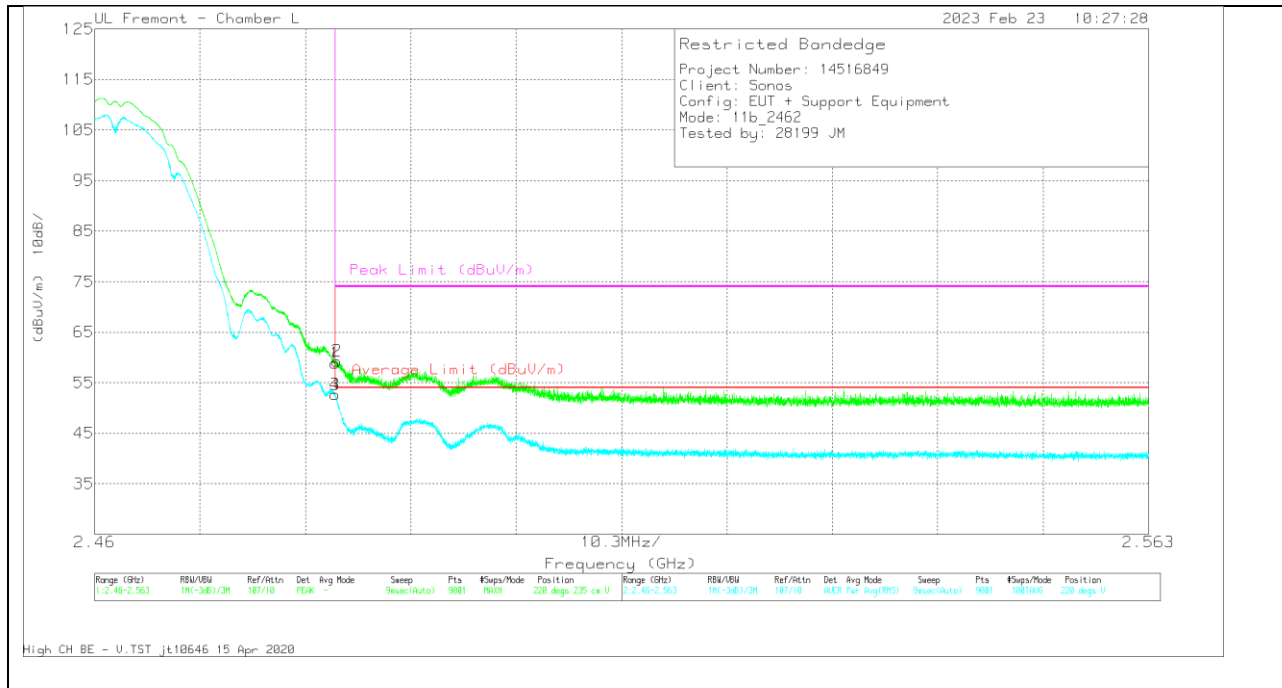
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (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	42.83	Pk	32.5	-19.9	0	55.43	-	-	74	-18.57	97	196	H
2	* 2.483666	44.12	Pk	32.5	-19.9	0	56.72	-	-	74	-17.28	97	196	H
3	* 2.4835	34.98	RMS	32.5	-19.9	.31	47.9	54	-6.1	-	-	97	196	H
4	* 2.483575	35.22	RMS	32.5	-19.9	.31	48.14	54	-5.86	-	-	97	196	H

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

VERTICAL RESULT

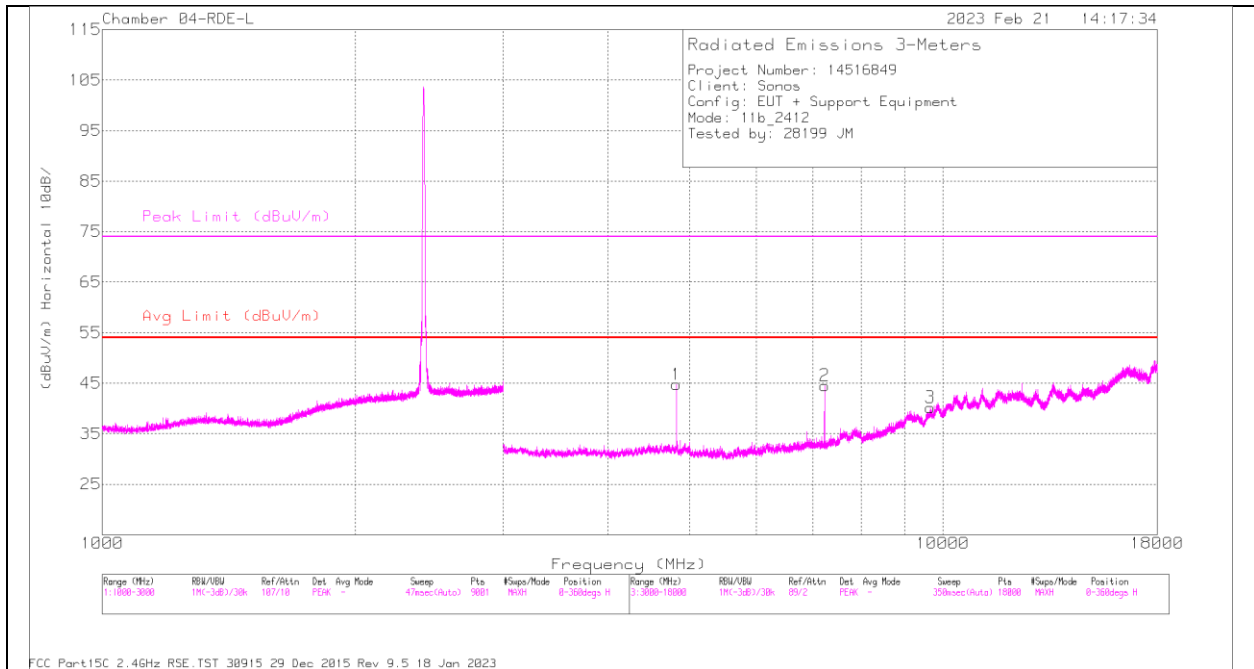


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	46.24	Pk	32.5	-19.9	0	58.84	-	-	74	-15.16	220	235	V
2	* 2.483655	46.69	Pk	32.5	-19.9	0	59.29	-	-	74	-14.71	220	235	V
3	* 2.4835	39.74	RMS	32.5	-19.9	.31	52.66	54	-1.34	-	-	220	235	V
4	* 2.483506	39.77	RMS	32.5	-19.9	.31	52.69	54	-1.31	-	-	220	235	V

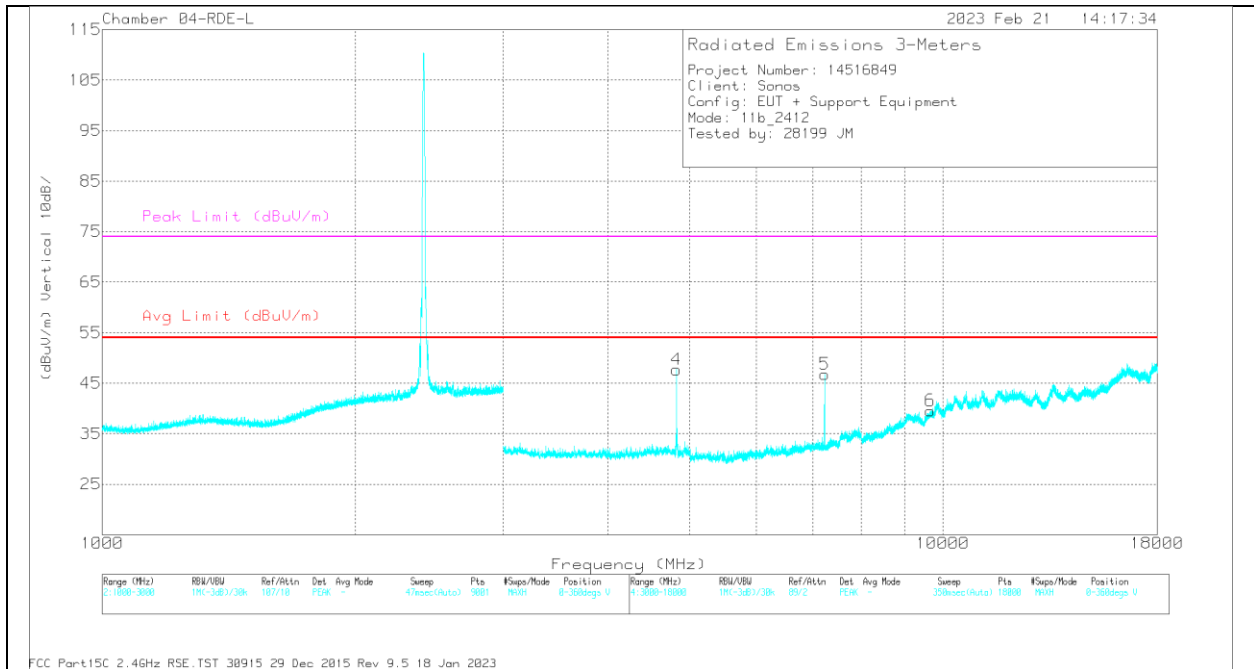
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



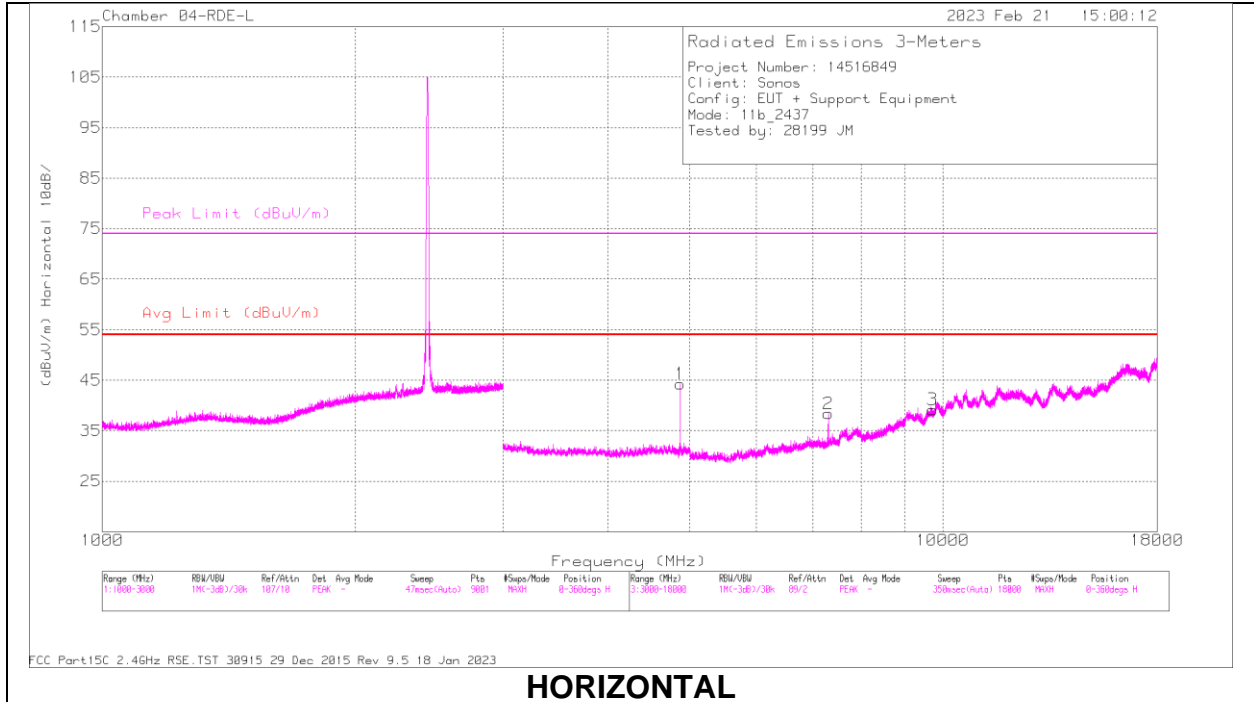
VERTICAL

RADIATED EMISSIONS

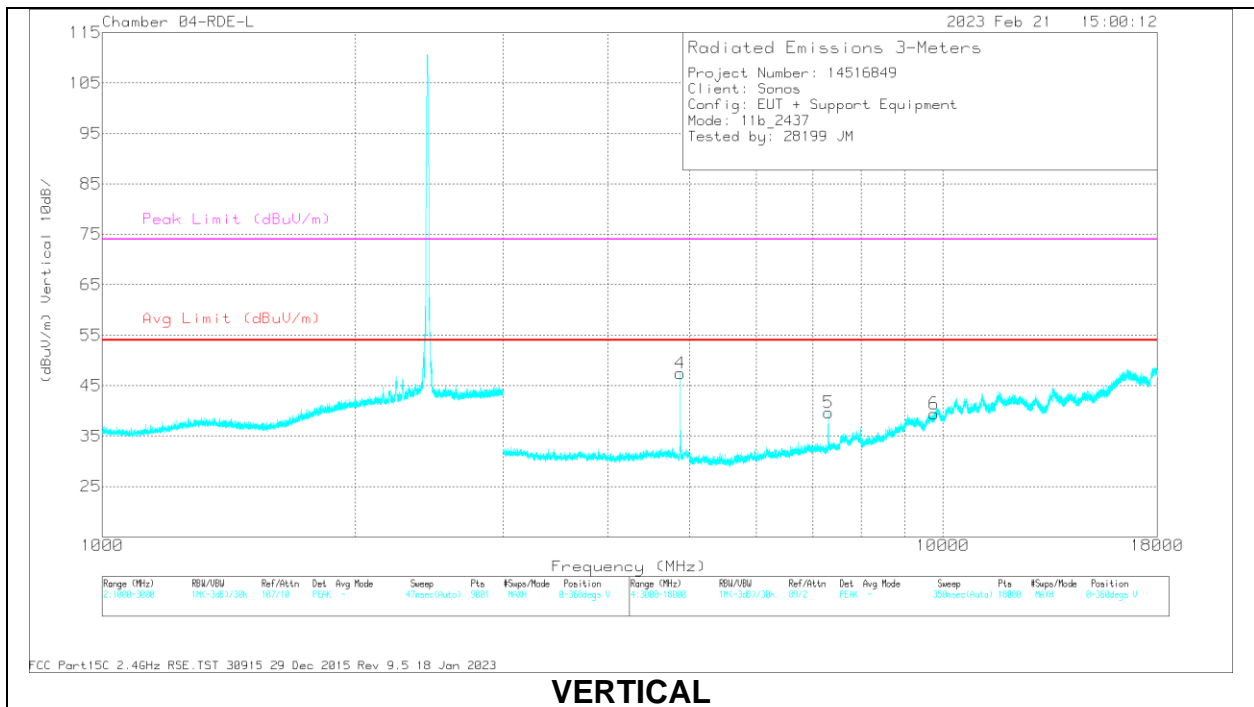
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4823.906	44.68	PK2	34.5	-26.5	0	52.68	-	-	74	-21.32	60	108	H
	* 4824	39.94	MAv1	34.5	-26.5	.31	48.26	54	-5.74	-	-	60	108	H
2	7237.059	38.26	PK2	35.9	-23.2	0	50.96	-	-	-	-	186	109	H
	7236.826	31.43	MAv1	35.9	-23.2	.31	44.45	-	-	-	-	186	109	H
3	9670.837	30.26	PK2	37.4	-18.5	0	49.16	-	-	-	-	186	199	H
	9671.245	19	MAv1	37.4	-18.5	.31	38.22	-	-	-	-	186	199	H
4	* 4824.081	46.51	PK2	34.5	-26.5	0	54.51	-	-	74	-19.49	197	101	V
	* 4823.931	42.83	MAv1	34.5	-26.5	.31	51.15	54	-2.85	-	-	197	101	V
5	7234.826	43.48	PK2	35.9	-23.2	0	56.18	-	-	-	-	233	101	V
	7234.831	37.92	MAv1	35.9	-23.2	.31	50.94	-	-	-	-	233	101	V
6	9667.61	30.01	PK2	37.3	-18.4	0	48.91	-	-	-	-	233	199	V
	9669.896	18.48	MAv1	37.4	-18.4	.31	37.8	-	-	-	-	233	199	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, CH 6 RESULTS



HORIZONTAL



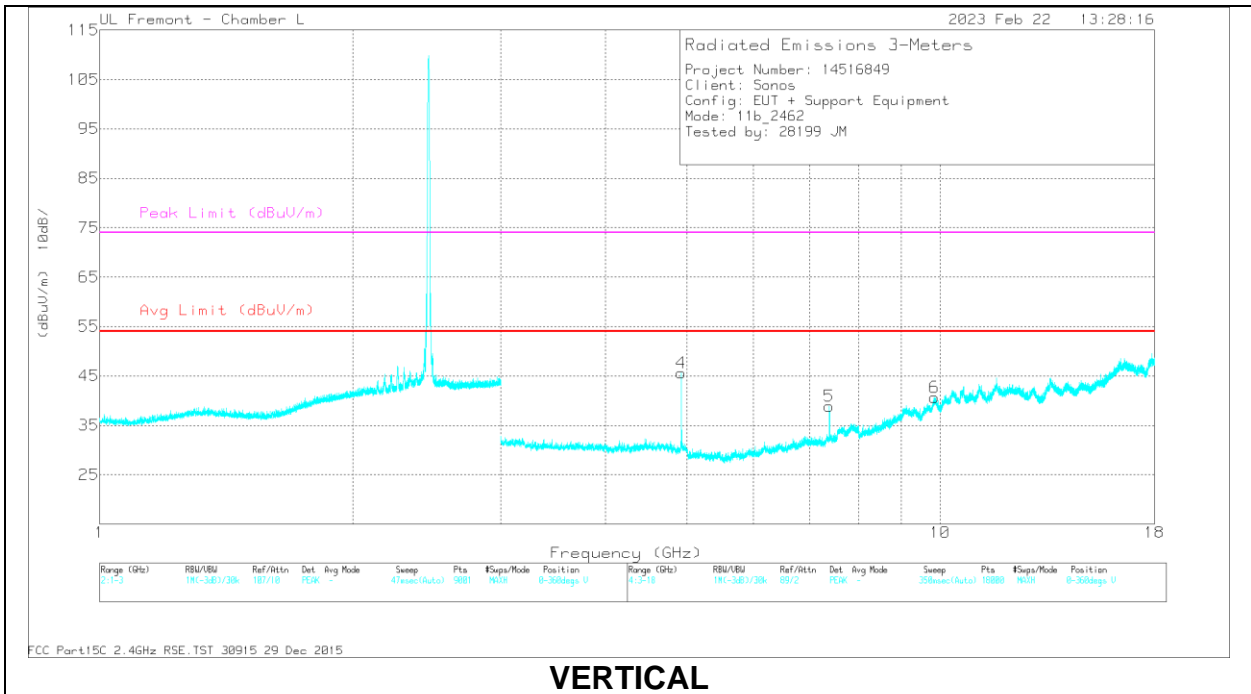
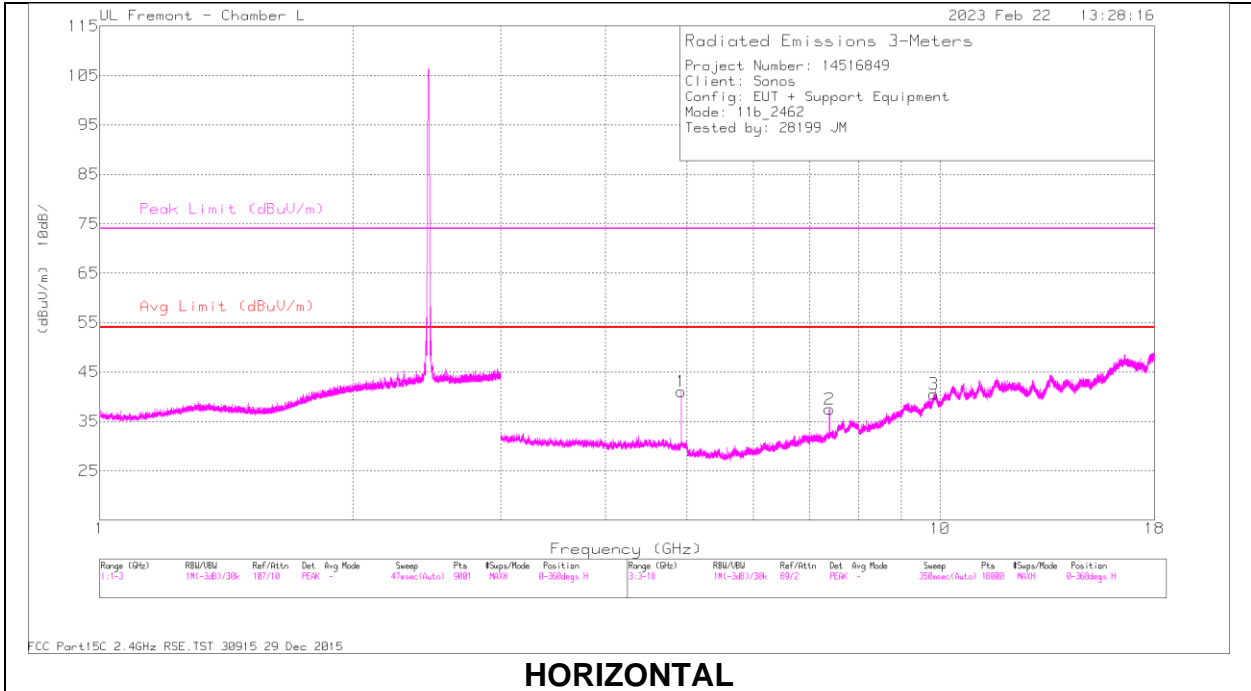
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4873.96	40.76	PK2	34.4	-26.4	0	48.76	-	-	74	-25.24	166	226	H
	* 4874.006	36.75	MAv1	34.4	-26.4	.31	45.07	54	-8.93	-	-	166	226	H
2	* 7309.459	33.65	PK2	35.9	-22.8	0	46.75	-	-	74	-27.25	155	106	H
	* 7309.372	23.28	MAv1	35.9	-22.8	.31	36.7	54	-17.3	-	-	155	106	H
3	9722.491	30.96	PK2	37.5	-19.1	0	49.36	-	-	-	-	155	199	H
	9722.06	19.51	MAv1	37.5	-19.1	.31	38.23	-	-	-	-	155	199	H
4	* 4874.12	46.38	PK2	34.4	-26.4	0	54.38	-	-	74	-19.62	76	102	V
	* 4874.024	42.91	MAv1	34.4	-26.4	.31	51.23	54	-2.77	-	-	76	102	V
5	* 7309.747	34.32	PK2	35.9	-22.8	0	47.42	-	-	74	-26.58	149	104	V
	* 7309.704	25.65	MAv1	35.9	-22.8	.31	39.07	54	-14.93	-	-	149	104	V
6	9769.4	31.31	PK2	37.6	-19.4	0	49.51	-	-	-	-	149	199	V
	9771.933	19.72	MAv1	37.6	-19.4	.31	38.24	-	-	-	-	149	199	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, CH 11 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.924008	37.85	PK2	34.4	-25.6	0	46.65	-	-	74	-27.35	60	108	H
	* 4.923959	32.19	MAv1	34.4	-25.6	.31	41.31	54	-12.69	-	-	60	108	H
	* 7.387423	35.34	PK2	35.9	-22.5	0	48.74	-	-	74	-25.26	290	114	H
2	* 7.387131	27.43	MAv1	35.9	-22.5	.31	41.15	54	-12.85	-	-	290	114	H
	9.839997	30.77	PK2	37.7	-18	0	50.47	-	-	-	-	290	200	H
	9.839674	18.99	MAv1	37.7	-18.1	.31	38.91	-	-	-	-	290	200	H
4	* 4.924069	41.74	PK2	34.4	-25.6	0	50.54	-	-	74	-23.46	115	101	V
	* 4.923997	37.64	MAv1	34.4	-25.6	.31	46.76	54	-7.24	-	-	115	101	V
	* 7.385269	33.36	PK2	35.9	-22.5	0	46.76	-	-	74	-27.24	181	172	V
5	* 7.384634	25.27	MAv1	35.9	-22.5	.31	38.99	54	-15.01	-	-	181	172	V
	9.854306	30.85	PK2	37.7	-18	0	50.55	-	-	-	-	181	200	V
	9.855469	19.41	MAv1	37.7	-18	.31	39.43	-	-	-	-	181	200	V

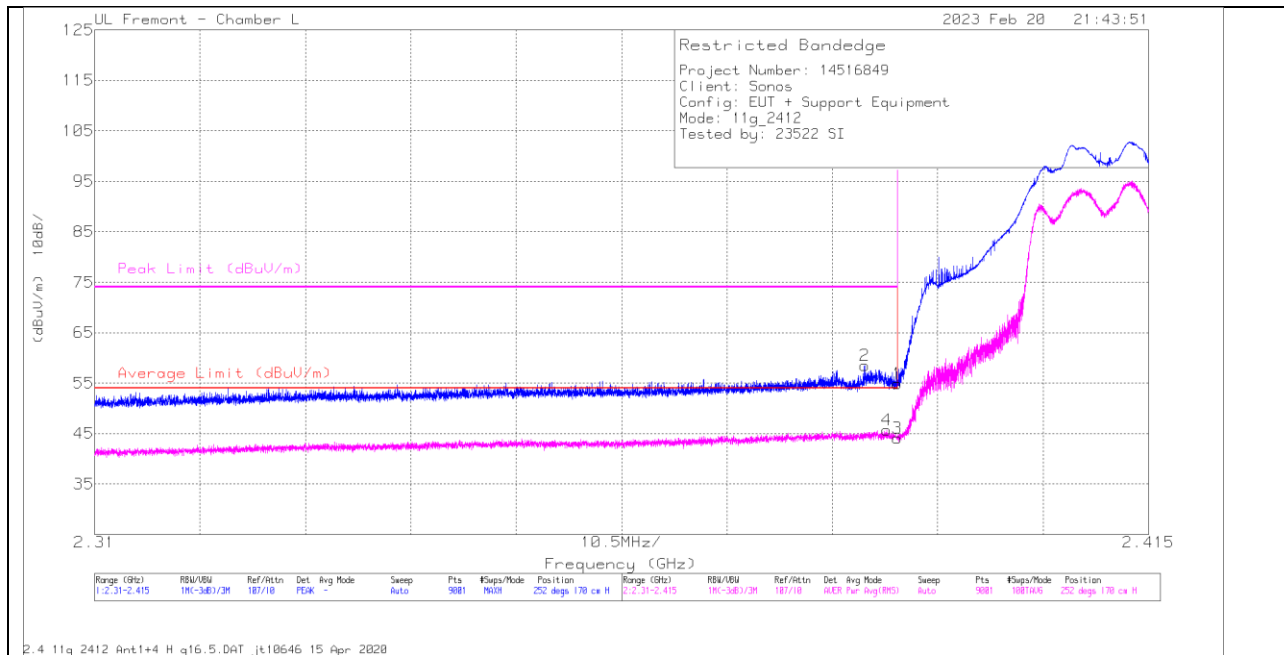
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

10.1.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

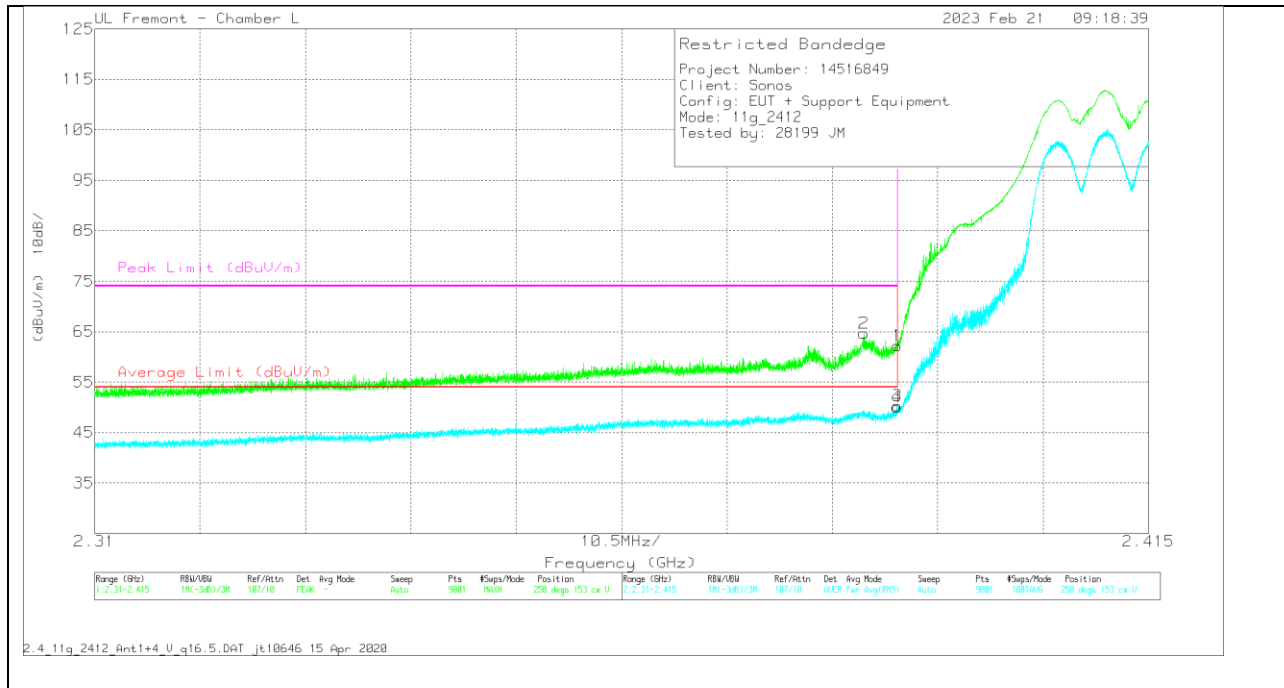
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (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	* 2390	42.51	Pk	32.5	-20.1	0	54.91	-	-	74	-19.09	252	170	H
2	* 2386.711	46.08	Pk	32.5	-20.1	0	58.48	-	-	74	-15.52	252	170	H
3	* 2390	30.73	RMS	32.5	-20.1	.94	44.07	54	-9.93	-	-	252	170	H
4	* 2388.892	32.34	RMS	32.5	-20.1	.94	45.68	54	-8.32	-	-	252	170	H

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

VERTICAL RESULT

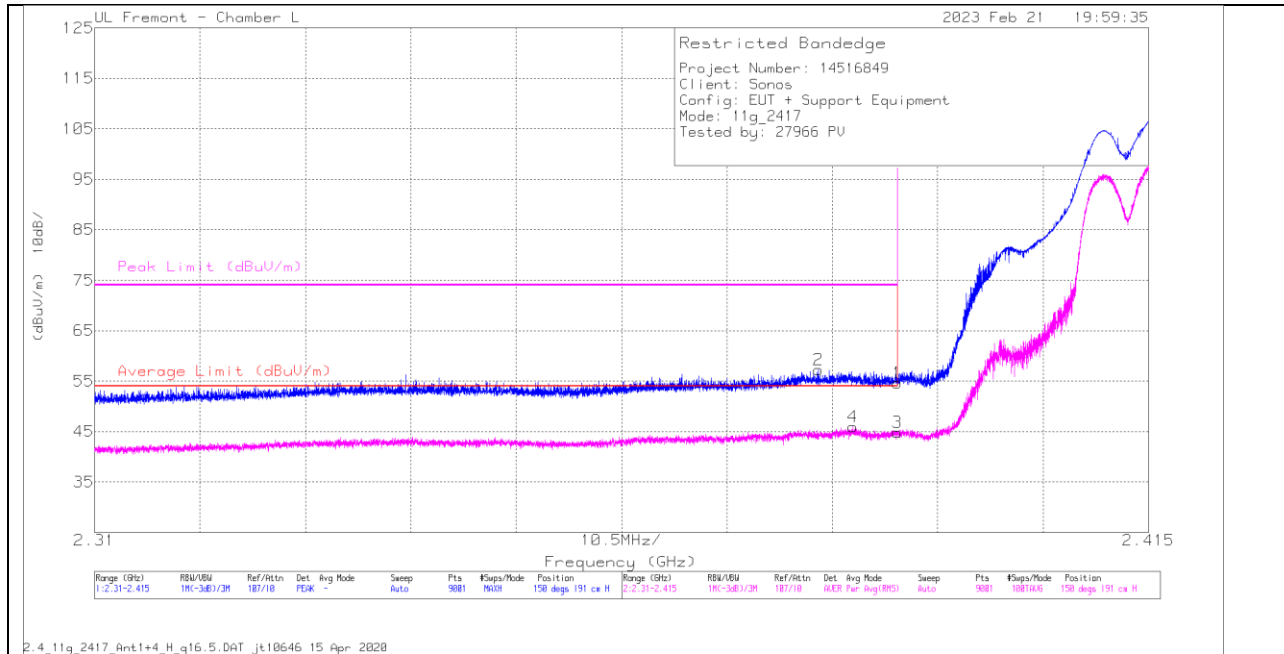


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	49.77	Pk	32.5	-20.1	0	62.17	-	-	74	-11.83	258	153	V
2	* 2386.641	52.27	Pk	32.5	-20.1	0	64.67	-	-	74	-9.33	258	153	V
3	* 2390	36.92	RMS	32.5	-20.1	.94	50.26	54	-3.74	-	-	258	153	V
4	* 2389.896	36.71	RMS	32.5	-20.1	.94	50.05	54	-3.95	-	-	258	153	V

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

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT

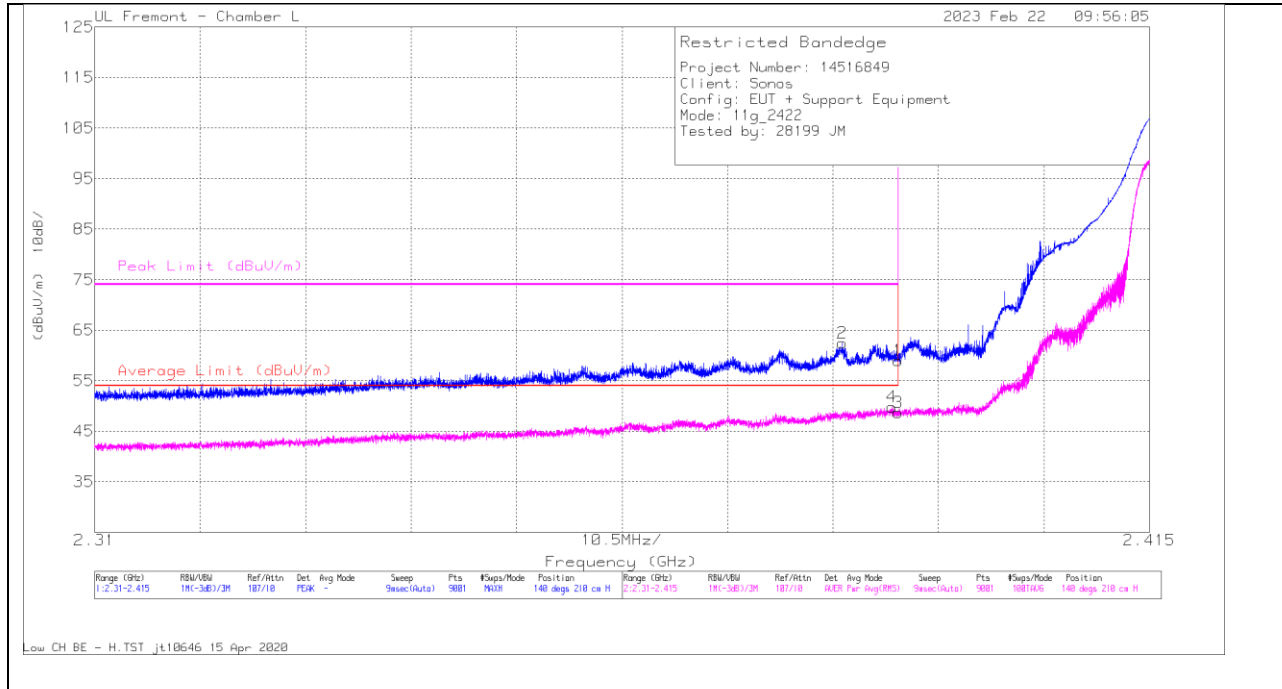


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2390	42.2	Pk	32.5	-20.1	0	54.6	-	-	74	-19.4	150	191	H
2	*2382.09	44.81	Pk	32.5	-20.1	0	57.21	-	-	74	-16.79	150	191	H
3	*2390	31.48	RMS	32.5	-20.1	.94	44.82	54	-9.18	-	-	150	191	H
4	*2385.544	32.55	RMS	32.5	-20.1	.94	45.89	54	-8.11	-	-	150	191	H

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

BANDEDGE (LOW CHANNEL, CH 3)

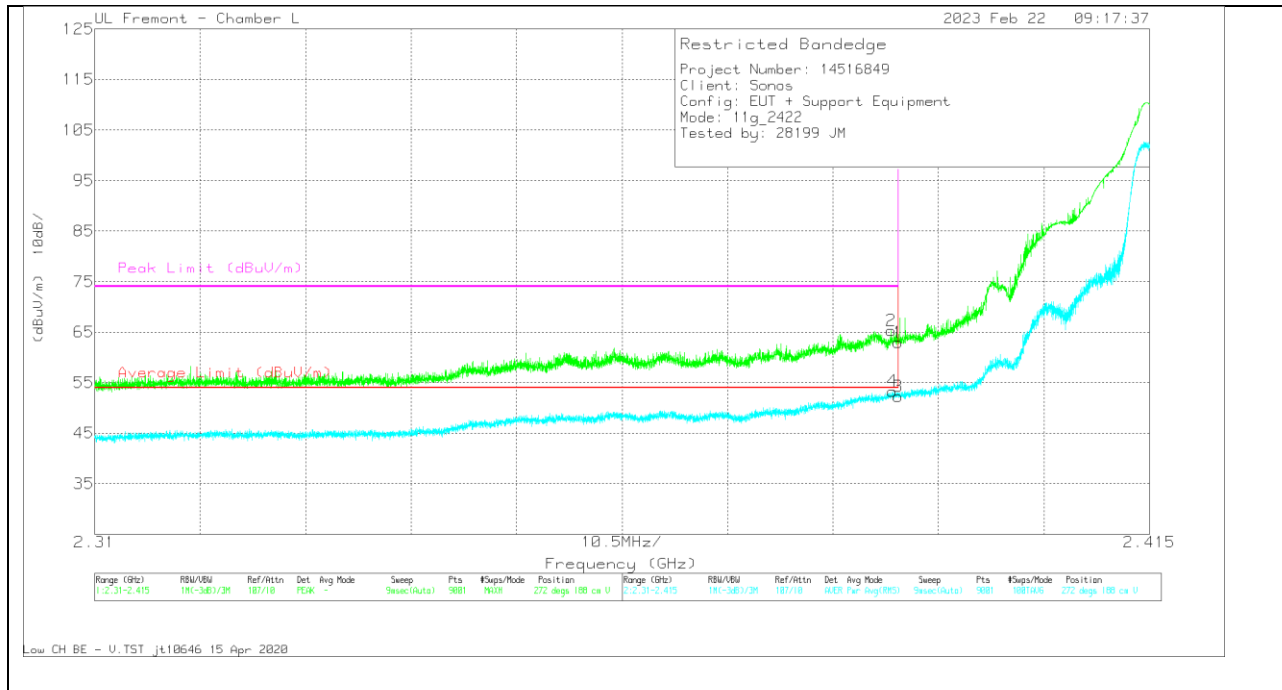
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cb/Pad (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	46.58	Pk	32.5	-20.1	0	58.98	-	-	74	-15.02	140	210	H
2	* 2.384412	49.94	Pk	32.5	-20	0	62.44	-	-	74	-11.56	140	210	H
3	* 2.39	35.36	RMS	32.5	-20.1	.94	48.7	54	-5.3	-	-	140	210	H
4	* 2.389336	36.46	RMS	32.5	-20.1	.94	49.8	54	-4.2	-	-	140	210	H

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

VERTICAL RESULT

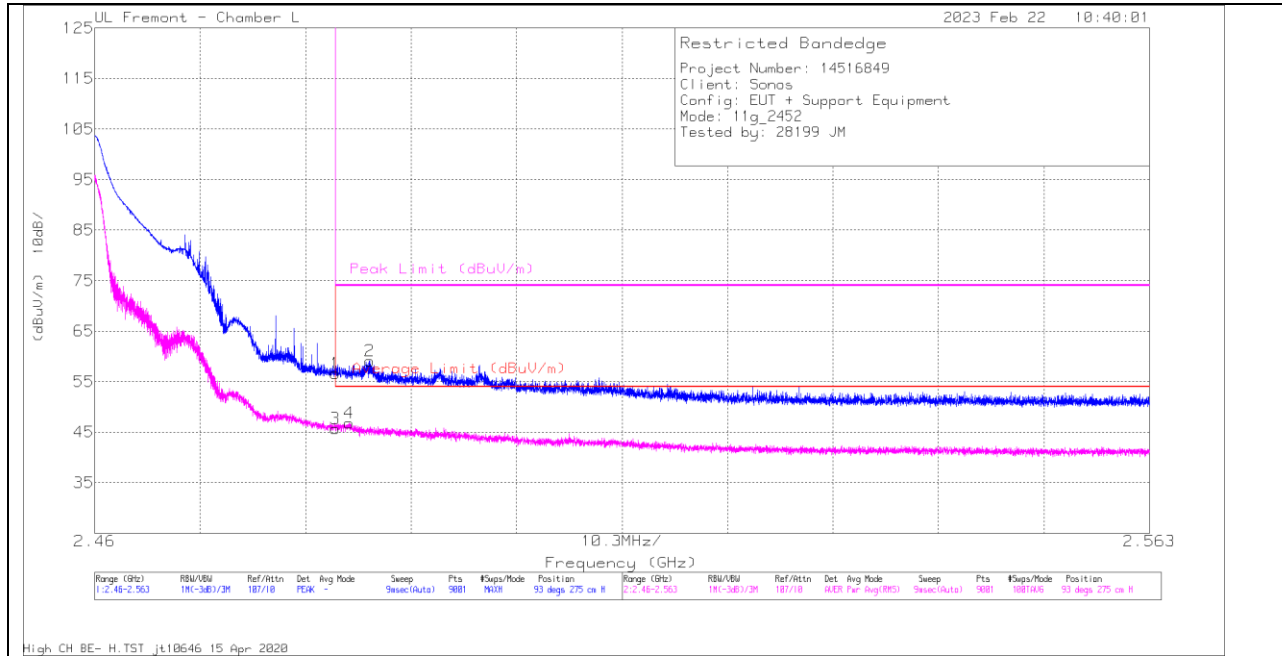


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.61	Pk	32.5	-20.1	0	63.01	-	-	74	-10.99	272	188	V
2	* 2.389312	52.95	Pk	32.5	-20.1	0	65.35	-	-	74	-8.65	272	188	V
3	* 2.39	38.96	RMS	32.5	-20.1	.94	52.3	54	-1.7	-	-	272	188	V
4	* 2.389441	39.99	RMS	32.5	-20.1	.94	53.33	54	-67	-	-	272	188	V

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

BANDEDGE (HIGH CHANNEL, CH 9)

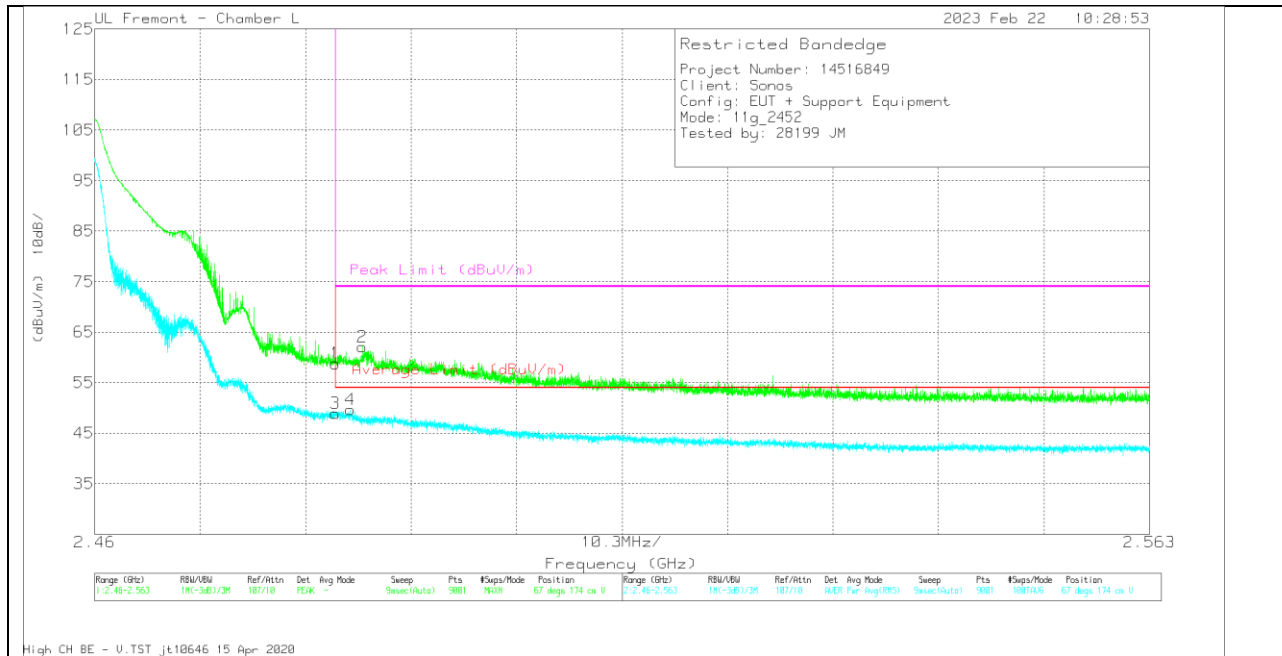
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Ch/Pad (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	44	Pk	32.5	-19.9	0	56.6	-	-	74	-17.4	93	275	H
2	*2.486871	46.49	Pk	32.5	-19.9	0	59.09	-	-	74	-14.91	93	275	H
3	*2.4835	32.18	RMS	32.5	-19.9	.94	45.72	54	-8.28	-	-	93	275	H
4	*2.484845	33.24	RMS	32.5	-19.9	.94	46.78	54	-7.22	-	-	93	275	H

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

VERTICAL RESULT

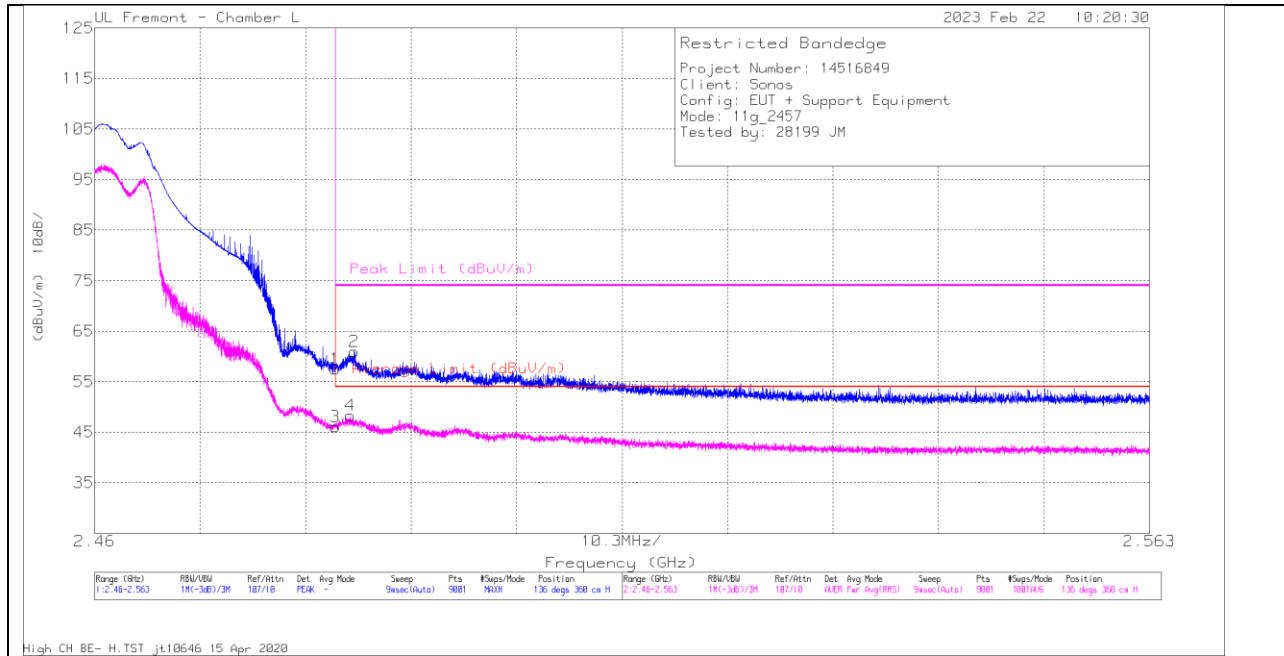


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	46.2	Pk	32.5	-19.9	0	58.8	-	-	74	-15.2	67	174	V
2	* 2.486127	49.54	Pk	32.5	-19.9	0	62.14	-	-	74	-11.86	67	174	V
3	* 2.4835	35.36	RMS	32.5	-19.9	.94	48.9	54	-5.1	-	-	67	174	V
4	* 2.484959	36.12	RMS	32.5	-19.9	.94	49.66	54	-4.34	-	-	67	174	V

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

BANDEDGE (HIGH CHANNEL, CH 10)

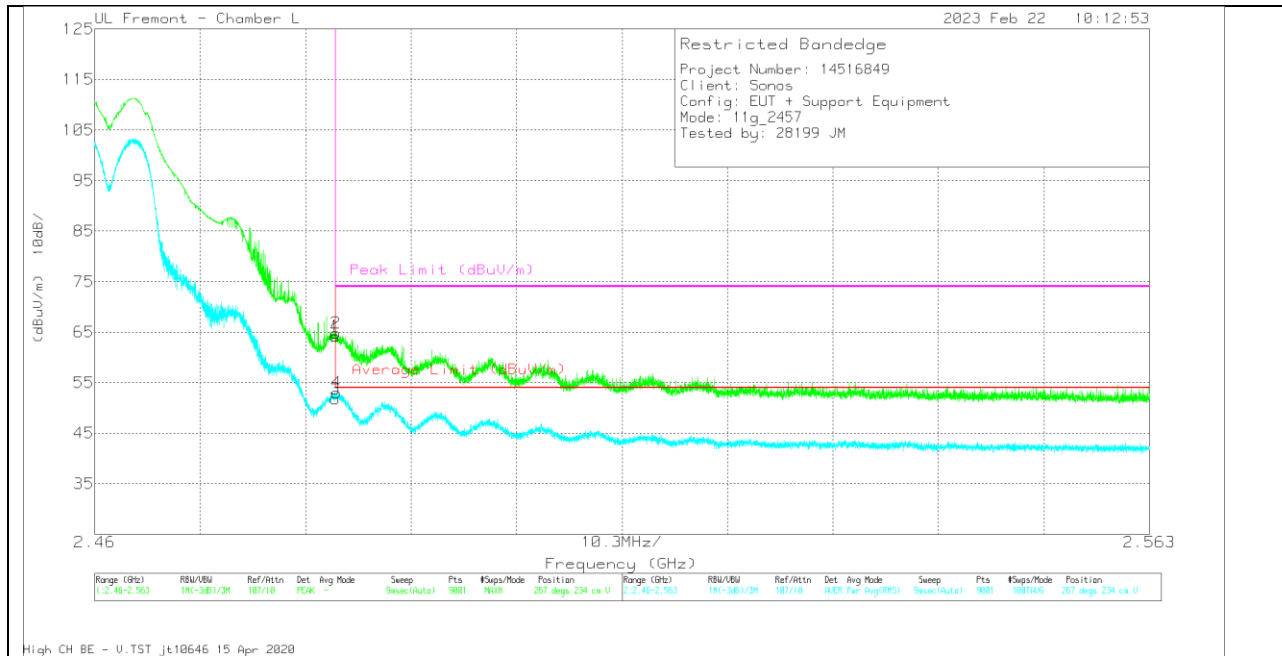
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (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	44.88	PK	32.5	-19.9	0	57.48	-	-	74	-16.52	136	360	H
2	*2.485337	48.37	PK	32.5	-19.9	0	60.97	-	-	74	-13.03	136	360	H
3	*2.4835	32.57	RMS	32.5	-19.9	.94	46.11	54	-7.89	-	-	136	360	H
4	*2.484936	34.82	RMS	32.5	-19.9	.94	48.36	54	-5.64	-	-	136	360	H

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

VERTICAL RESULT

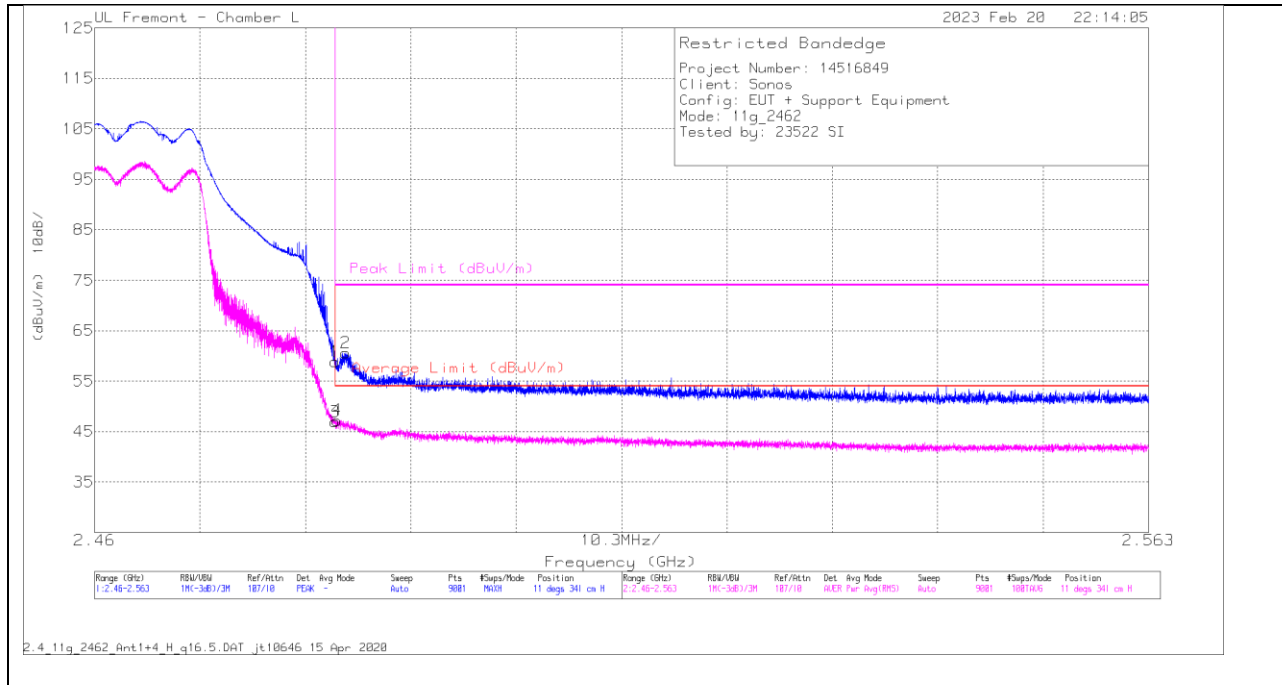


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	51.58	Pk	32.5	-19.9	0	64.18	-	-	74	-9.82	267	234	V
2	* 2.483552	52.2	Pk	32.5	-19.9	0	64.8	-	-	74	-9.2	267	234	V
3	* 2.4835	38.2	RMS	32.5	-19.9	94	51.74	54	-2.26	-	-	267	234	V
4	* 2.483643	39.45	RMS	32.5	-19.9	94	52.99	54	-1.01	-	-	267	234	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

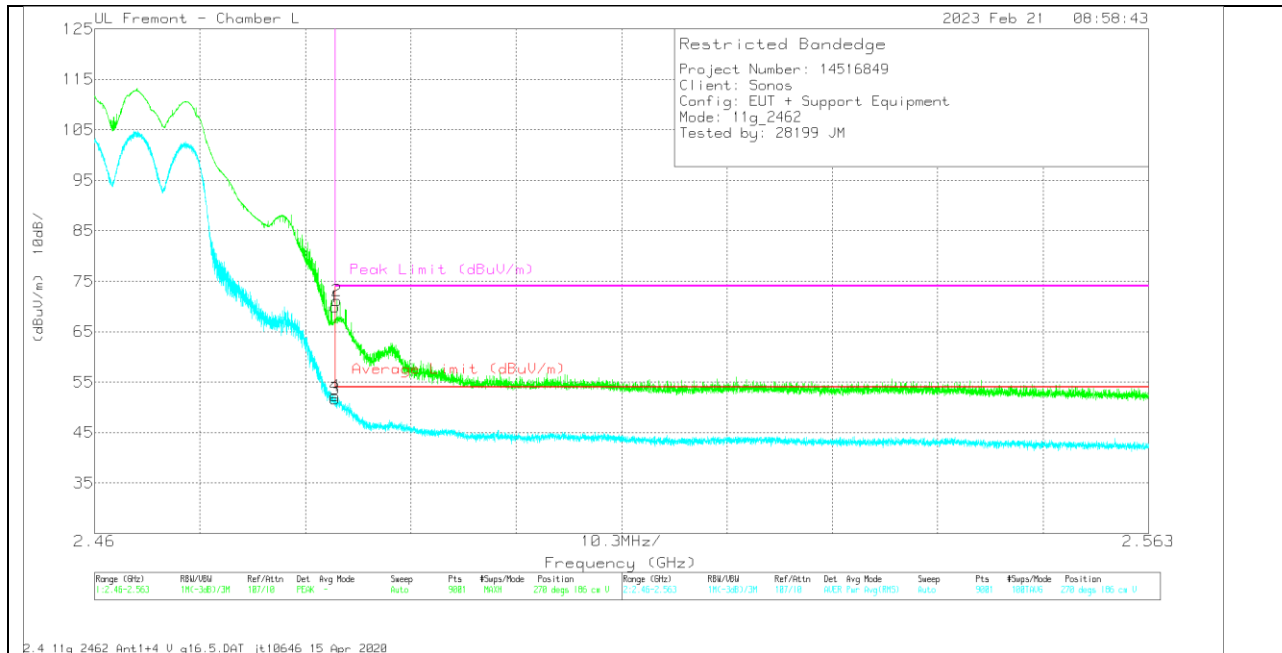
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (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	* 2483.5	46.3	PK	32.5	-19.9	0	58.9	-	-	74	-15.1	11	341	H
2	* 2484.547	47.99	PK	32.5	-19.9	0	60.59	-	-	74	-13.41	11	341	H
3	* 2483.5	33.42	RMS	32.5	-19.9	.94	46.96	54	-7.04	-	-	11	341	H
4	* 2483.701	33.71	RMS	32.5	-19.9	.94	47.25	54	-6.75	-	-	11	341	H

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

VERTICAL RESULT

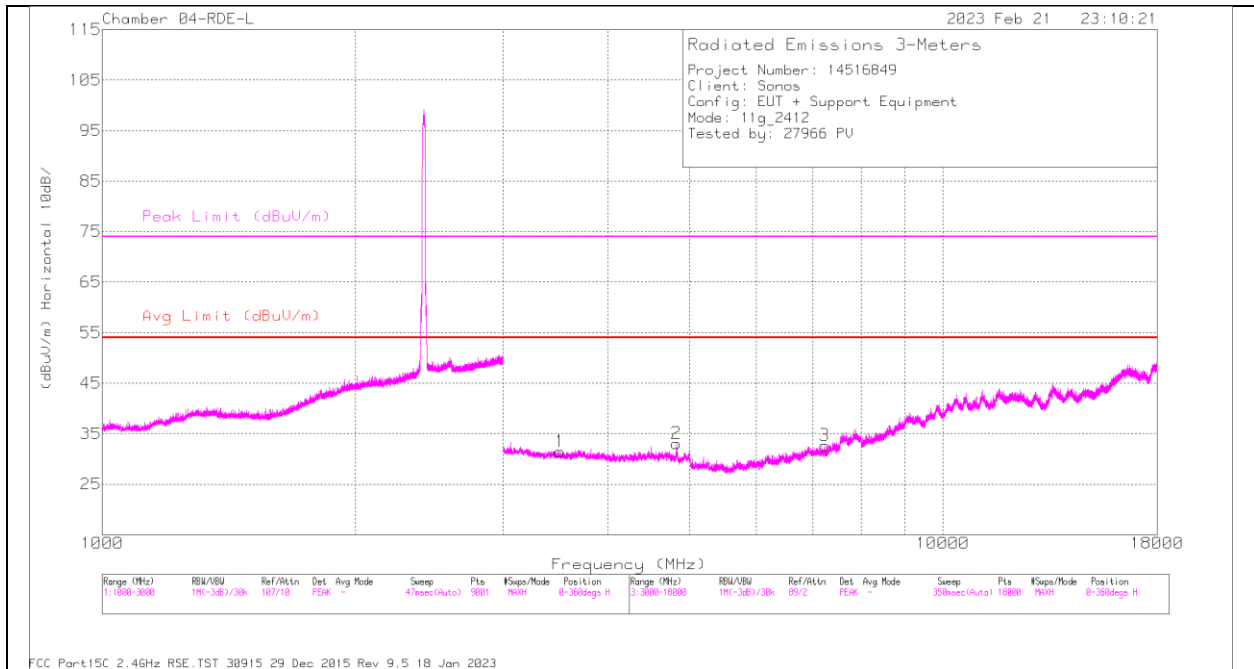


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	57.27	Pk	32.5	-19.9	0	69.87	-	-	74	-4.13	270	186	V
2	* 2483.678	58.5	Pk	32.5	-19.9	0	71.1	-	-	74	-2.9	270	186	V
3	* 2483.5	38.14	RMS	32.5	-19.9	.94	51.68	54	-2.32	-	-	270	186	V
4	* 2483.506	38.75	RMS	32.5	-19.9	.94	52.29	54	-1.71	-	-	270	186	V

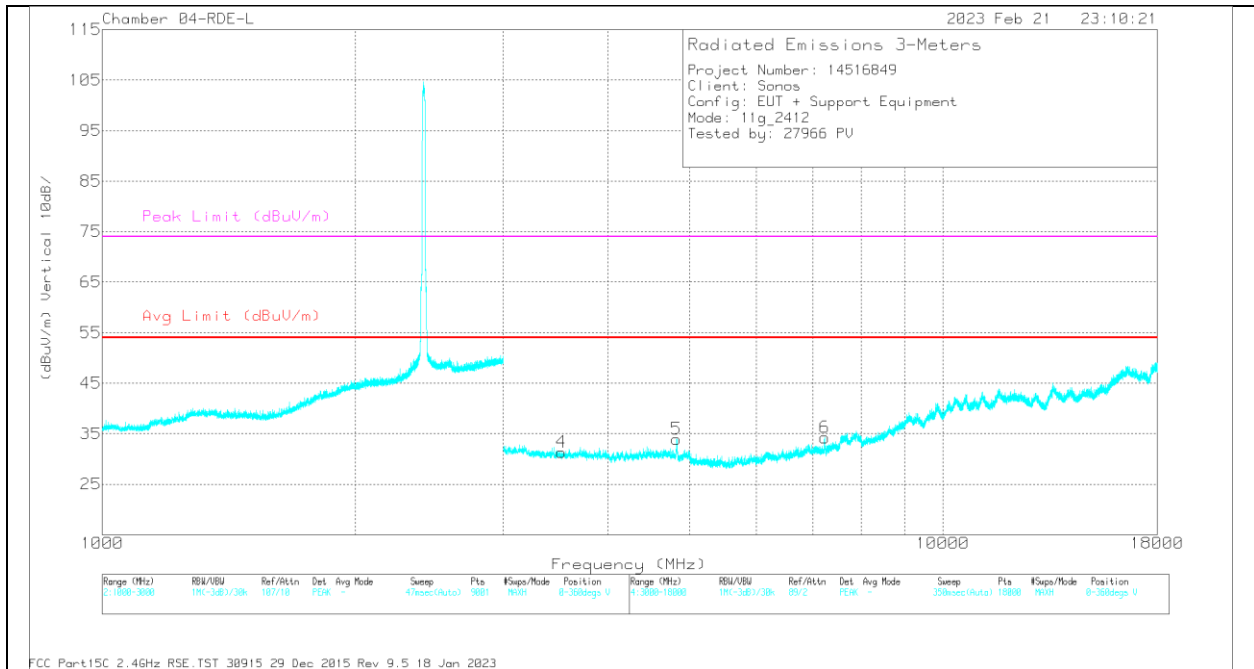
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



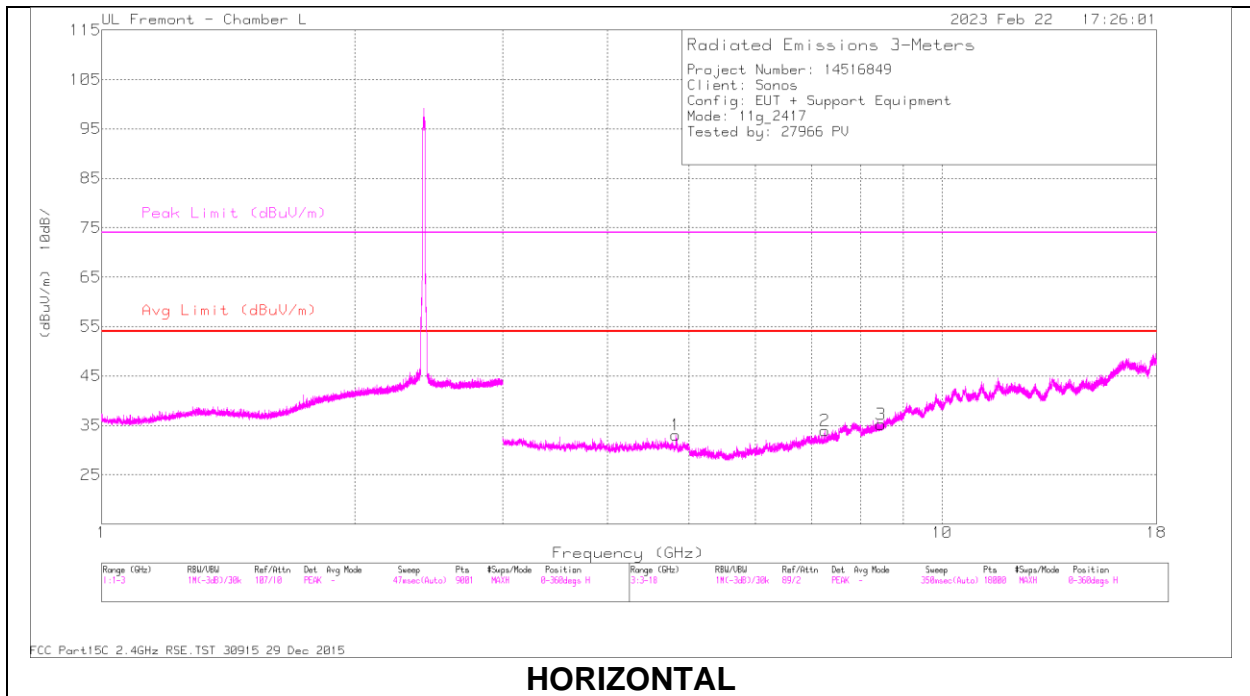
VERTICAL

RADIATED EMISSIONS

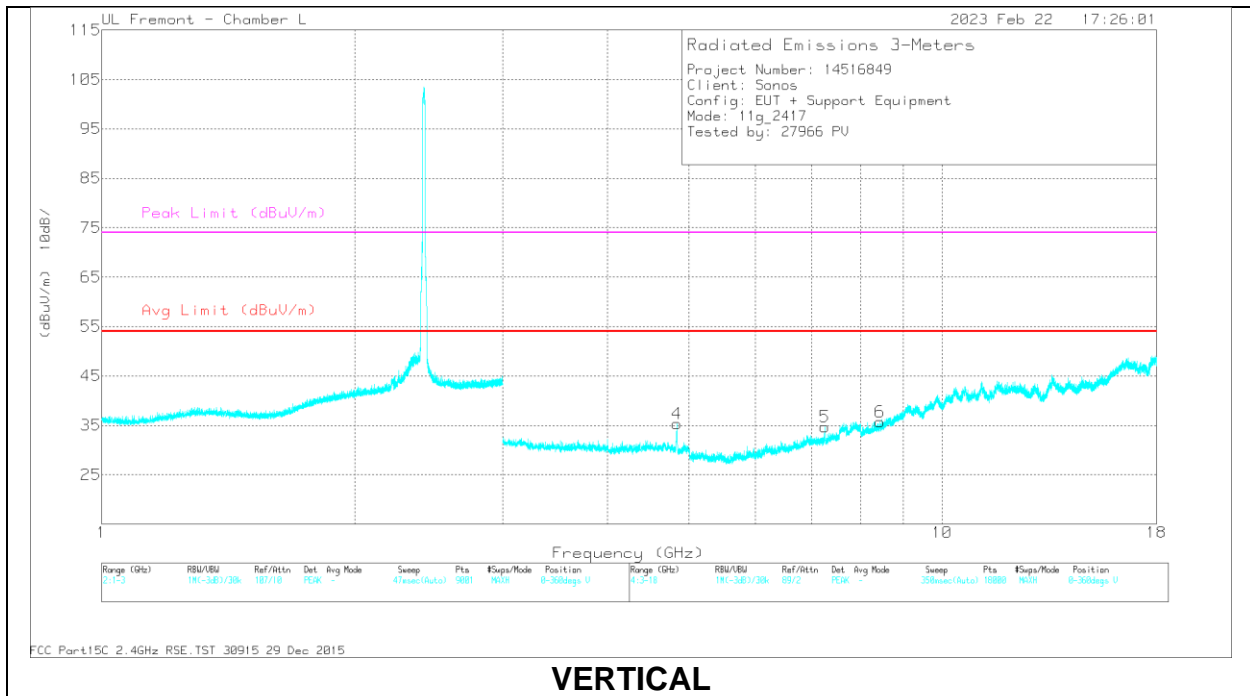
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cb/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3504.583	38.14	PK2	33.3	-28	0	43.44	-	-	74	-30.56	106	103	H
	* 3503.994	26.02	MAv1	33.3	-28	.94	32.26	54	-21.74	-	-	106	103	H
2	* 4820.512	36.5	PK2	34.5	-26.4	0	44.6	-	-	74	-29.4	170	118	H
	* 4820.215	23.76	MAv1	34.5	-26.4	.94	32.8	54	-21.2	-	-	170	118	H
3	7235.857	33.64	PK2	35.9	-23.1	0	46.44	-	-	-	-	136	104	H
	7235.982	20.74	MAv1	35.9	-23.1	.94	34.48	-	-	-	-	136	104	H
4	* 3516.382	35.47	PK2	33.3	-28.1	0	40.67	-	-	74	-33.33	215	247	V
	* 3519.252	24.01	MAv1	33.3	-28.2	.94	30.05	54	-23.95	-	-	215	247	V
5	* 4825.488	37.34	PK2	34.5	-26.5	0	45.34	-	-	74	-28.66	204	108	V
	* 4825.784	24.68	MAv1	34.5	-26.5	.94	33.62	54	-20.38	-	-	204	108	V
6	7235.798	37.34	PK2	35.9	-23.1	0	50.14	-	-	-	-	192	338	V
	7235.825	24.15	MAv1	35.9	-23.1	.94	37.89	-	-	-	-	192	338	V

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

LOW CHANNEL, CH 2 RESULTS



HORIZONTAL



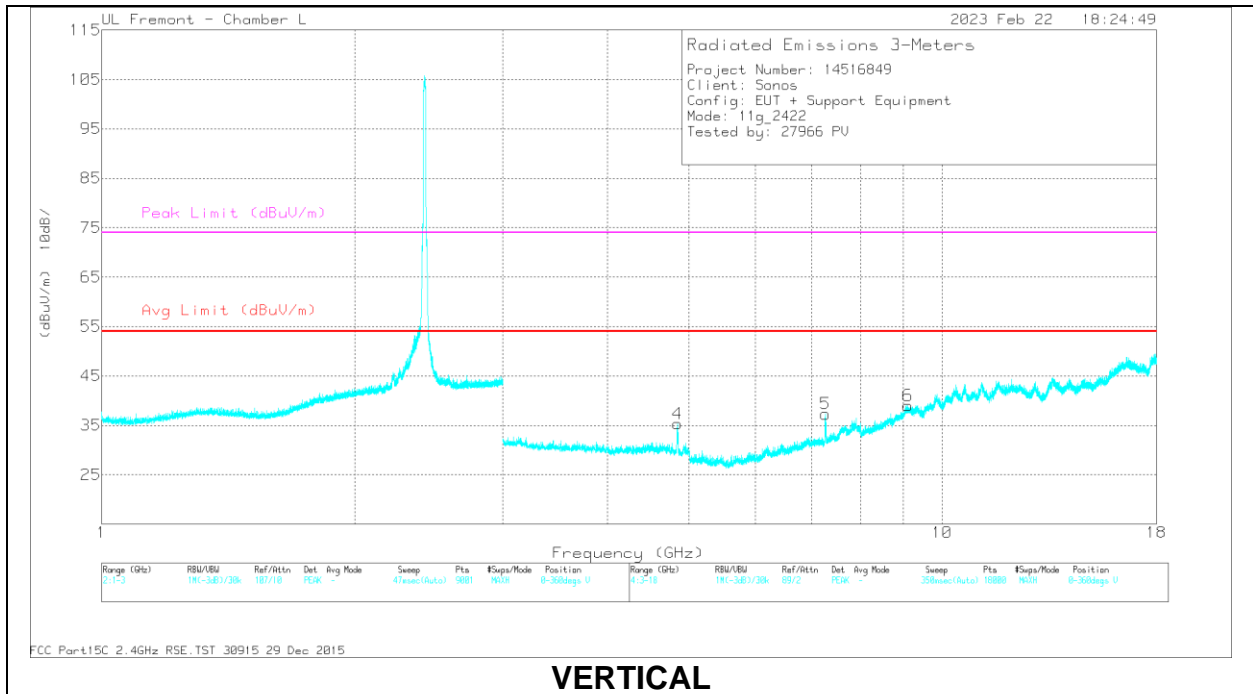
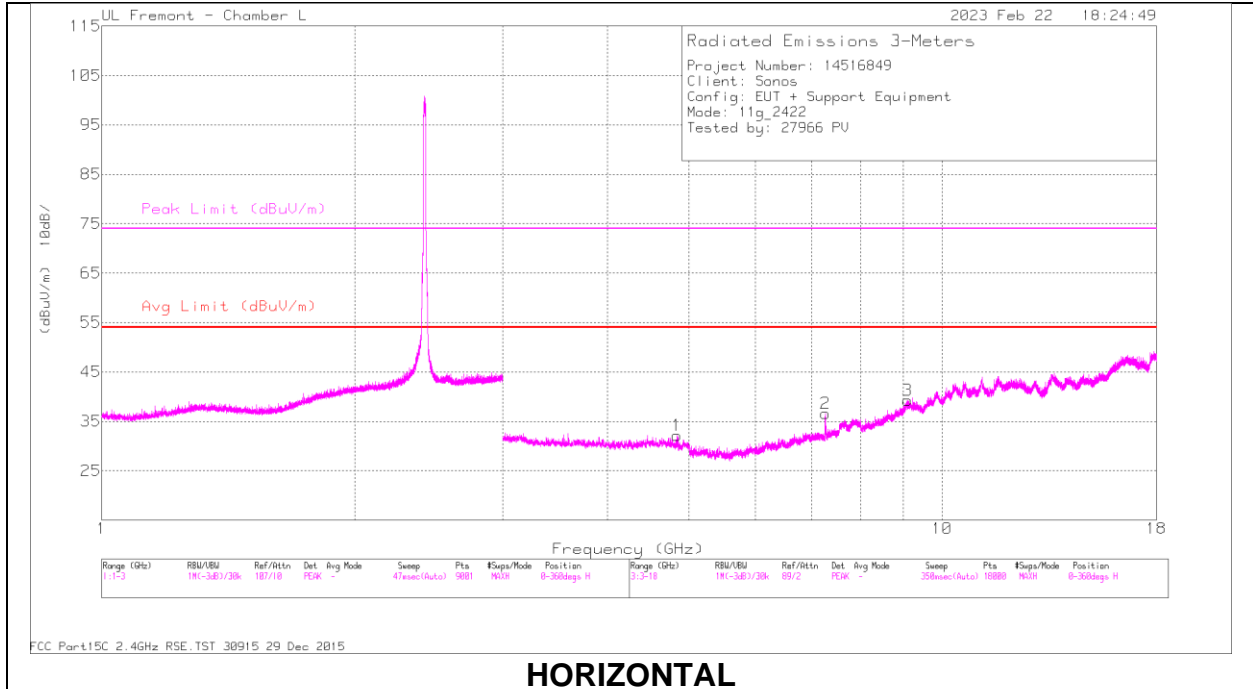
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.825245	34.61	PK2	34.5	-26.5	0	42.61	-	-	74	-31.39	183	308	H
	* 4.825034	22.91	MAv1	34.5	-26.5	.94	31.85	54	-22.15	-	-	183	308	H
2	* 7.250773	36.59	PK2	35.9	-23.2	0	49.29	-	-	74	-24.71	135	105	H
	* 7.250834	23.43	MAv1	35.9	-23.2	.94	37.07	54	-16.93	-	-	135	105	H
3	* 8.460964	30.04	PK2	36.2	-21.2	0	45.04	-	-	74	-28.96	323	168	H
	* 8.461994	18.83	MAv1	36.2	-21.1	.94	34.87	54	-19.13	-	-	323	168	H
4	* 4.835953	40.06	PK2	34.5	-26.6	0	47.96	-	-	74	-26.04	198	114	V
	* 4.83515	28.09	MAv1	34.5	-26.6	.94	36.93	54	-17.07	-	-	198	114	V
5	* 7.250864	39.57	PK2	35.9	-23.2	0	52.27	-	-	74	-21.73	240	101	V
	* 7.250802	26.1	MAv1	35.9	-23.2	.94	39.74	54	-14.26	-	-	240	101	V
6	* 8.442989	29.57	PK2	36.1	-20.8	0	44.87	-	-	74	-29.13	167	124	V
	* 8.444233	18.33	MAv1	36.1	-20.9	.94	34.47	54	-19.53	-	-	167	124	V

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

LOW CHANNEL, CH 3 RESULTS

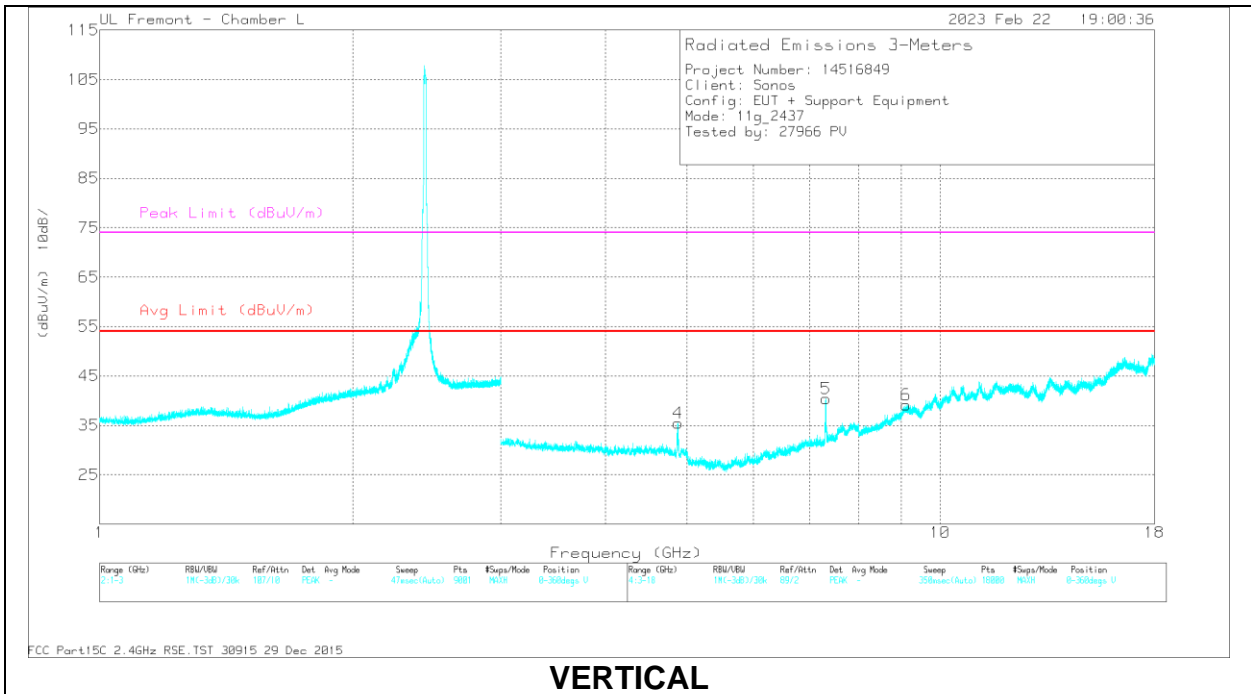
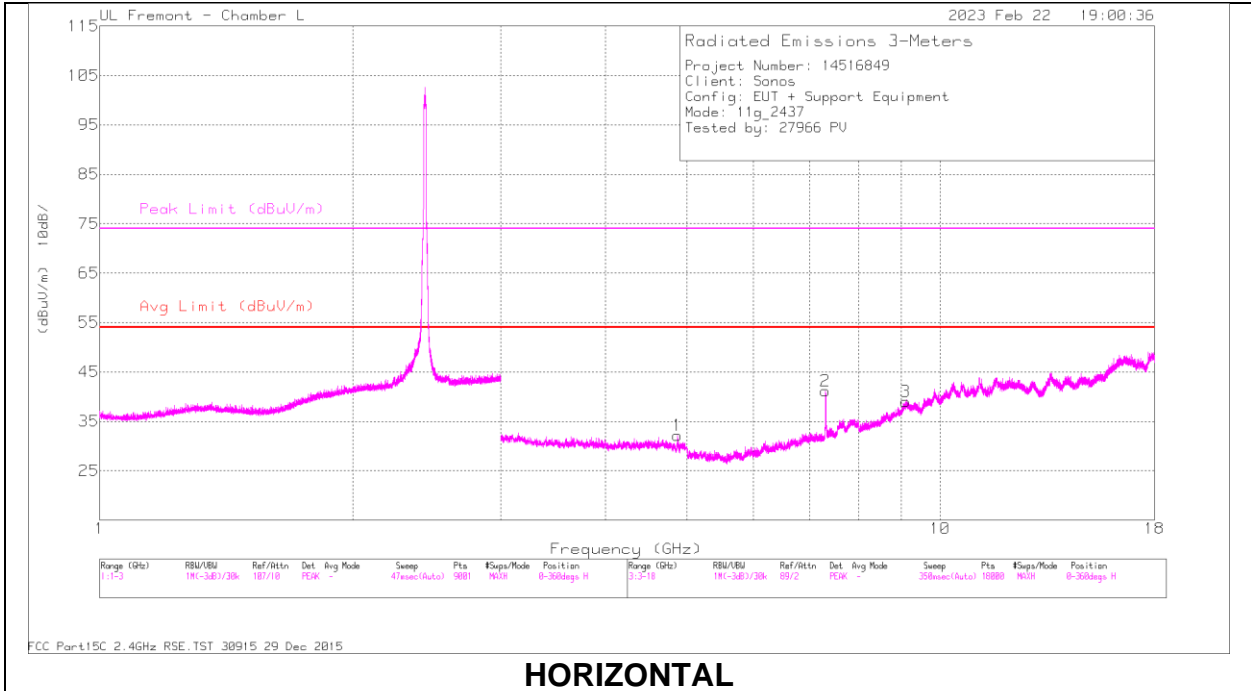


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.840419	37.19	PK2	34.5	-26.6	0	45.09	-	-	74	-28.91	63	311	H
	* 4.8402	24.69	MAv1	34.5	-26.6	.94	33.53	54	-20.47	-	-	63	311	H
2	* 7.266854	40.8	PK2	35.9	-23.3	0	53.4	-	-	74	-20.6	138	101	H
	* 7.266081	27.02	MAv1	35.9	-23.3	.94	40.56	54	-13.44	-	-	138	101	H
3	* 9.103222	31.44	PK2	36.5	-19.5	0	48.44	-	-	74	-25.56	20	121	H
	* 9.1054	19.97	MAv1	36.5	-19.5	.94	37.91	54	-16.09	-	-	20	121	H
4	* 4.845759	42.44	PK2	34.5	-26.7	0	50.24	-	-	74	-23.76	199	106	V
	* 4.844822	30.41	MAv1	34.5	-26.7	.94	39.15	54	-14.85	-	-	199	106	V
5	* 7.265954	40.39	PK2	35.9	-23.3	0	52.99	-	-	74	-21.01	242	110	V
	* 7.266024	26.75	MAv1	35.9	-23.3	.94	40.29	54	-13.71	-	-	242	110	V
6	* 9.106451	31.48	PK2	36.5	-19.5	0	48.48	-	-	74	-25.52	311	149	V
	* 9.107764	20	MAv1	36.5	-19.5	.94	37.94	54	-16.06	-	-	311	149	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, CH 6 RESULTS

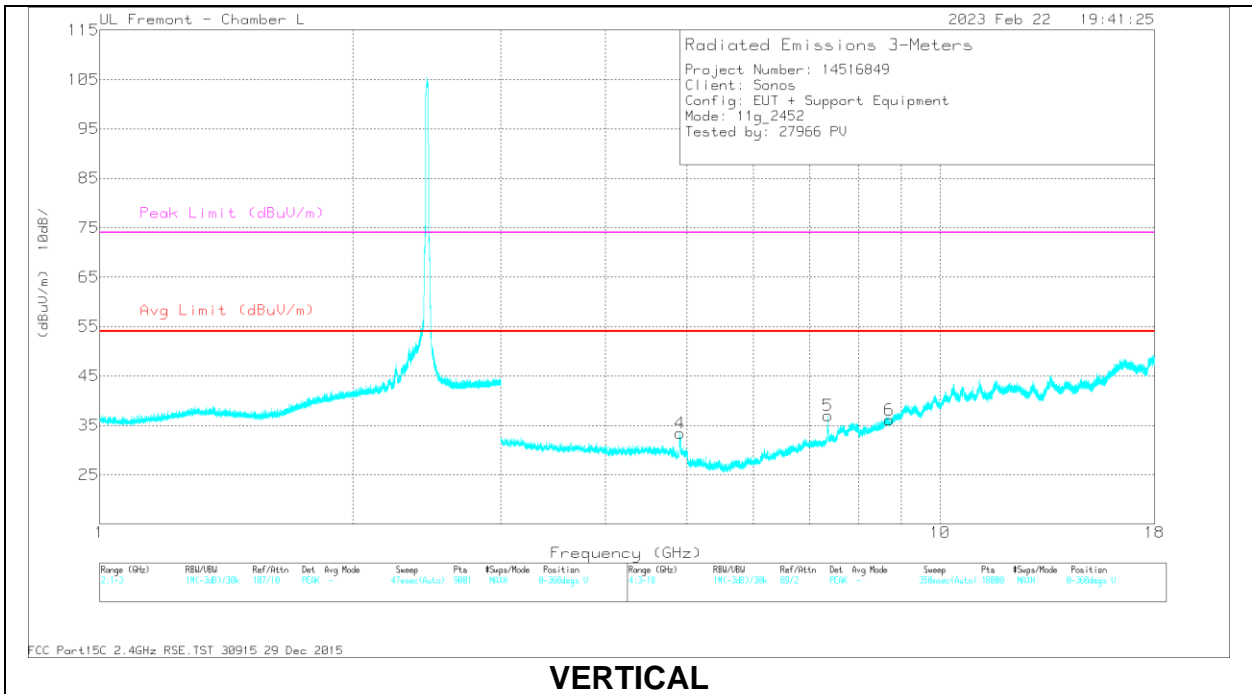
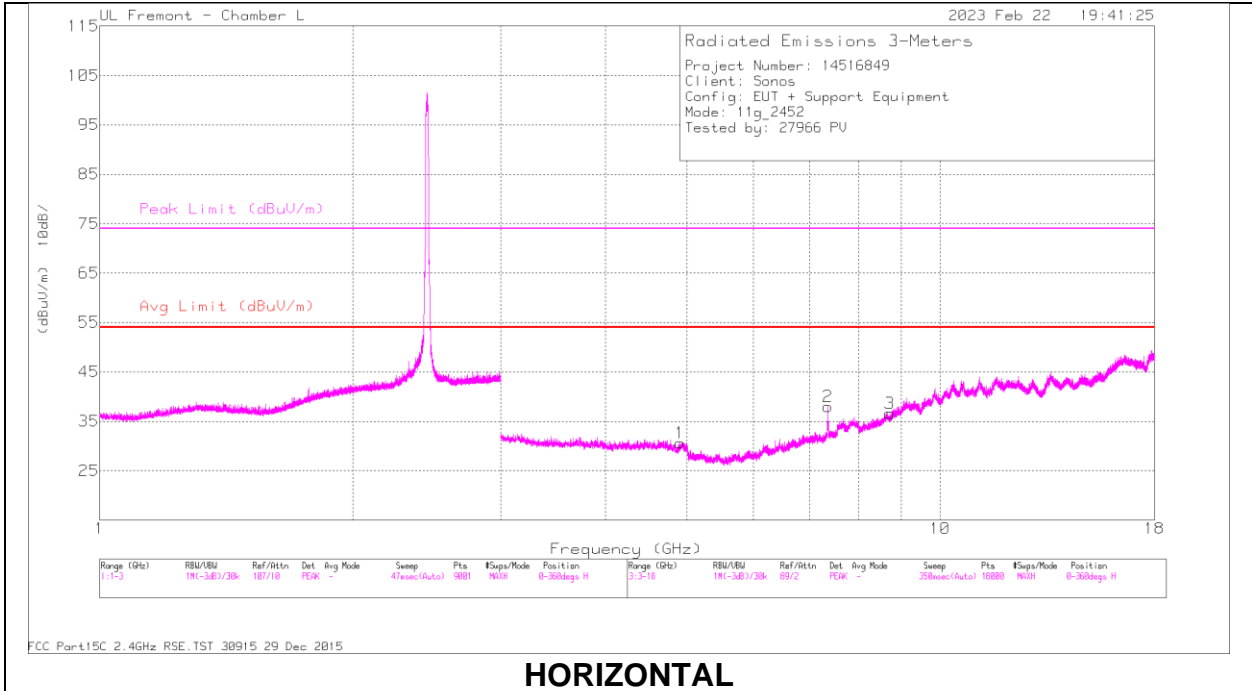


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.870409	36.75	PK2	34.4	-26.6	0	44.55	-	-	74	-29.45	60	324	H
	* 4.870809	24.06	MAv1	34.4	-26.6	.94	32.8	54	-21.2	-	-	60	324	H
2	* 7.312308	43.18	PK2	35.9	-22.8	0	56.28	-	-	74	-17.72	137	102	H
	* 7.311268	29.93	MAv1	35.9	-22.9	.94	43.87	54	-10.13	-	-	137	102	H
3	* 9.108542	31.7	PK2	36.5	-19.4	0	48.8	-	-	74	-25.2	101	143	H
	* 9.10674	20.36	MAv1	36.5	-19.5	.94	38.3	54	-15.7	-	-	101	143	H
4	* 4.875794	39.22	PK2	34.4	-26.4	0	47.22	-	-	74	-26.78	112	102	V
	* 4.875915	26.88	MAv1	34.4	-26.4	.94	35.82	54	-18.18	-	-	112	102	V
5	* 7.316202	39.67	PK2	35.9	-22.8	0	52.77	-	-	74	-21.23	116	197	V
	* 7.316777	25.41	MAv1	35.9	-22.8	.94	39.45	54	-14.55	-	-	116	197	V
6	* 9.120571	31.5	PK2	36.5	-19.3	0	48.7	-	-	74	-25.3	331	220	V
	* 9.119951	19.64	MAv1	36.5	-19.3	.94	37.78	54	-16.22	-	-	331	220	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, CH 9 RESULTS

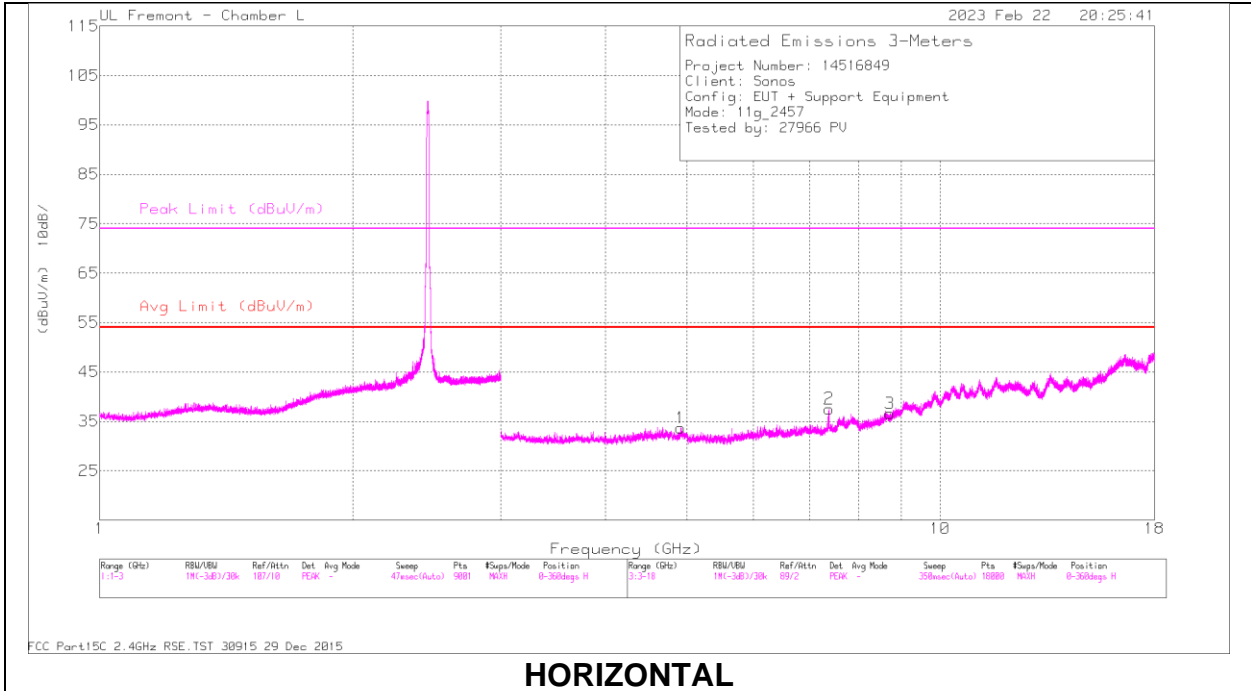


RADIATED EMISSIONS

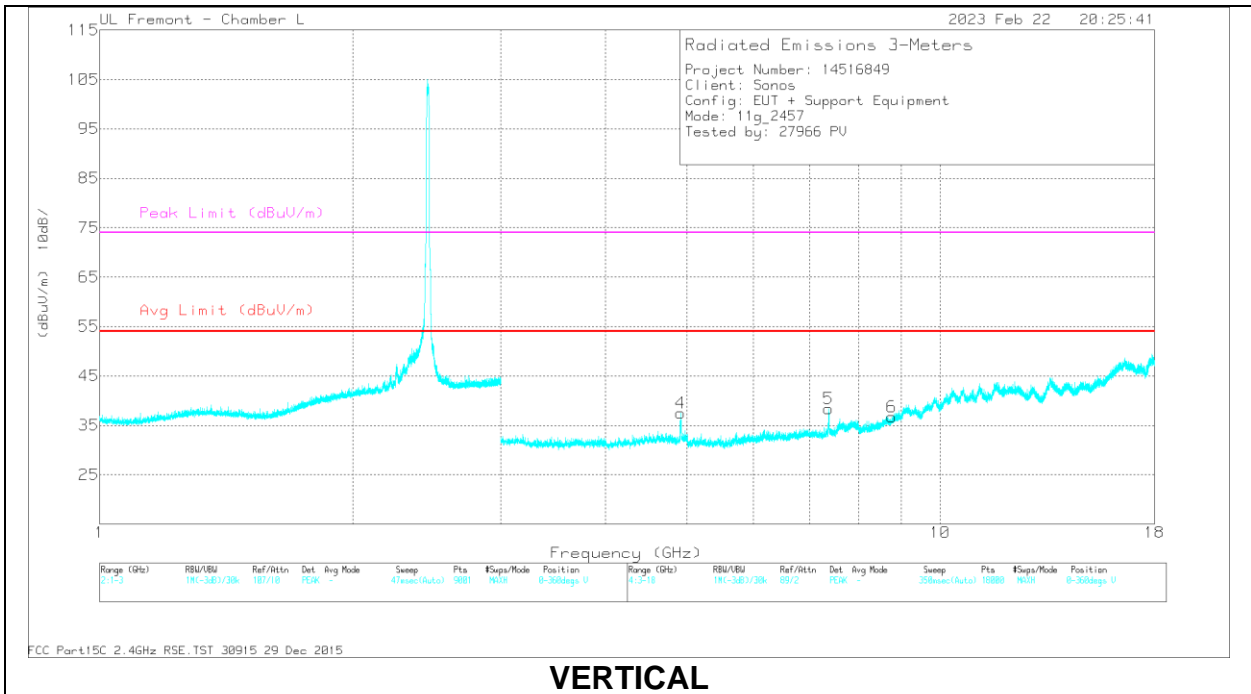
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.900424	35.72	PK2	34.4	-26.1	0	44.02	-	-	74	-29.98	64	341	H
	* 4.900154	22.72	MAv1	34.4	-26.1	.94	31.96	54	-22.04	-	-	64	341	H
2	* 7.357639	34.27	PK2	35.9	-22.5	0	47.67	-	-	74	-26.33	190	173	H
	* 7.356288	21.14	MAv1	35.9	-22.5	.94	35.48	54	-18.52	-	-	190	173	H
3	8.713021	30.57	PK2	36.2	-20.7	0	46.07	-	-	-	-	64	200	H
	8.71387	18.65	MAv1	36.2	-20.6	.94	35.19	-	-	-	-	64	200	H
4	* 4.905609	41.39	PK2	34.4	-26	0	49.79	-	-	74	-24.21	111	102	V
	* 4.9056	29.09	MAv1	34.4	-26	.94	38.43	54	-15.57	-	-	111	102	V
5	* 7.355846	35.53	PK2	35.9	-22.5	0	48.93	-	-	74	-25.07	114	148	V
	* 7.356213	22.3	MAv1	35.9	-22.5	.94	36.64	54	-17.36	-	-	114	148	V
6	8.699476	30.85	PK2	36.2	-20.5	0	46.55	-	-	-	-	111	102	V
	8.698625	19.14	MAv1	36.2	-20.6	.94	35.68	-	-	-	-	111	102	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, CH 10 RESULTS



HORIZONTAL



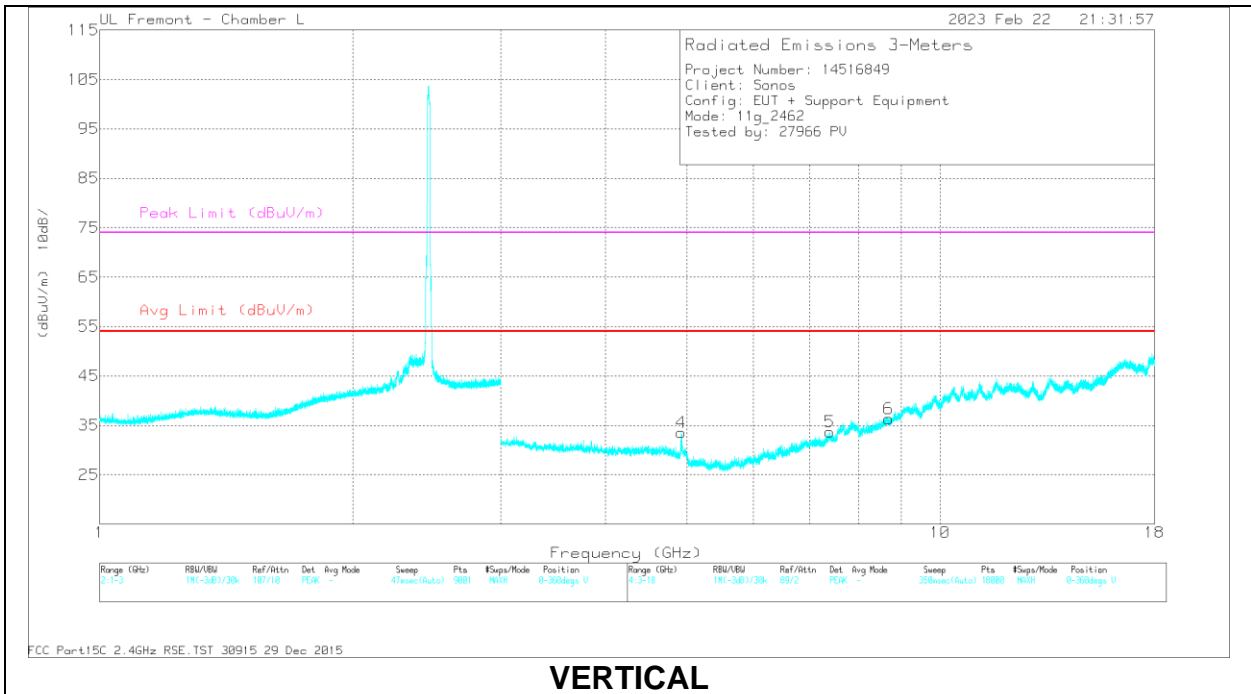
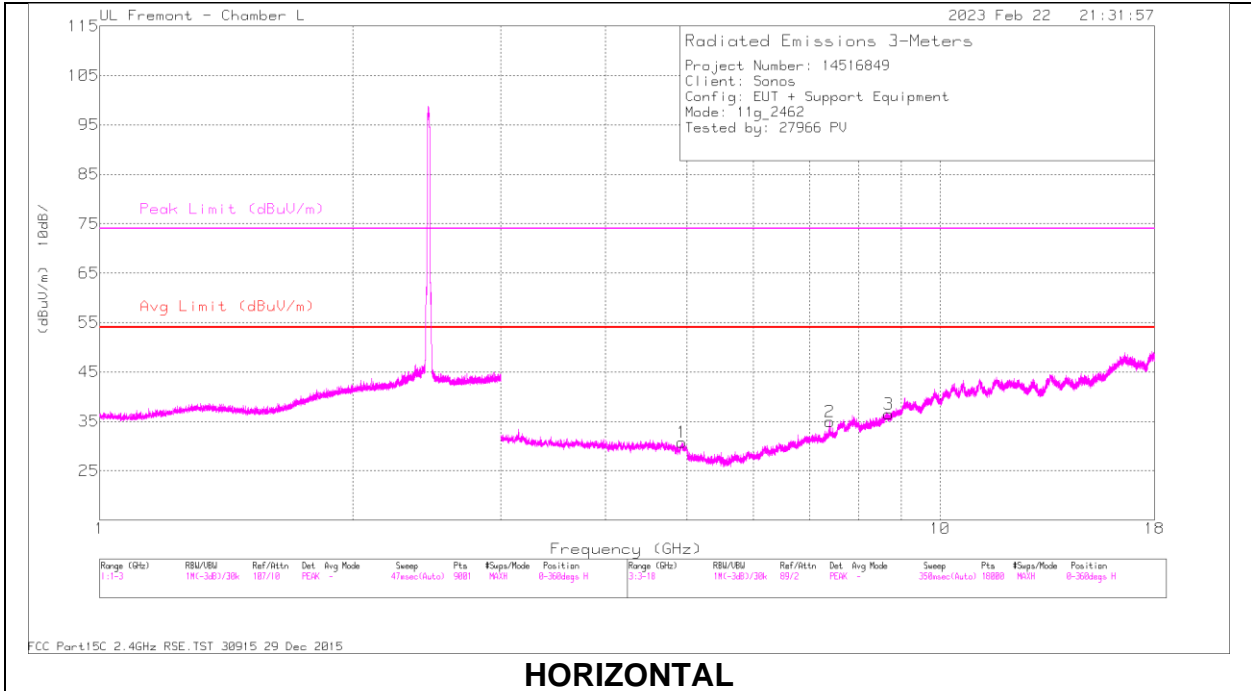
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.915307	33.53	PK2	34.4	-25.7	0	42.23	-	-	74	-31.77	61	319	H
	* 4.915781	21.55	MAv1	34.4	-25.7	.94	31.19	54	-22.81	-	-	61	319	H
2	* 7.375538	32.87	PK2	35.9	-22.6	0	46.17	-	-	74	-27.83	187	109	H
	* 7.375493	20.23	MAv1	35.9	-22.6	.94	34.47	54	-19.53	-	-	187	109	H
3	8.723329	30.81	PK2	36.2	-20.8	0	46.21	-	-	-	-	61	101	H
	8.720121	19	MAv1	36.2	-20.8	.94	35.34	-	-	-	-	61	101	H
4	* 4.914915	40.37	PK2	34.4	-25.8	0	48.97	-	-	74	-25.03	110	108	V
	* 4.915478	28.12	MAv1	34.4	-25.7	.94	37.76	54	-16.24	-	-	110	108	V
5	* 7.371094	35.9	PK2	35.9	-22.6	0	49.2	-	-	74	-24.8	240	111	V
	* 7.371184	21.61	MAv1	35.9	-22.6	.94	35.85	54	-18.15	-	-	240	111	V
6	8.767435	31.9	PK2	36.2	-20.6	0	47.5	-	-	-	-	110	101	V
	8.767838	20.15	MAv1	36.2	-20.6	.94	36.69	-	-	-	-	110	101	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, CH 11 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.93073	32.06	PK2	34.4	-25.4	0	41.06	-	-	74	-32.94	38	319	H
	* 4.929806	20.5	MAv1	34.4	-25.4	.94	30.44	54	-23.56	-	-	38	319	H
2	* 7.388025	33	PK2	35.9	-22.4	0	46.5	-	-	74	-27.5	189	101	H
	* 7.388068	19.74	MAv1	35.9	-22.4	.94	34.18	54	-19.82	-	-	189	101	H
3	8.698111	30.45	PK2	36.2	-20.5	0	46.15	-	-	-	-	189	199	H
	8.694276	18.91	MAv1	36.2	-20.5	.94	35.55	-	-	-	-	189	199	H
4	* 4.920217	34.28	PK2	34.4	-25.6	0	43.08	-	-	74	-30.92	117	120	V
	* 4.920195	21.7	MAv1	34.4	-25.6	.94	31.44	54	-22.56	-	-	117	120	V
5	* 7.388062	36.91	PK2	35.9	-22.4	0	50.41	-	-	74	-23.59	244	102	V
	* 7.388287	23.1	MAv1	35.9	-22.4	.94	37.54	54	-16.46	-	-	244	102	V
6	8.698116	29.73	PK2	36.2	-20.5	0	45.43	-	-	-	-	244	199	V
	8.698056	18.03	MAv1	36.2	-20.5	.94	34.67	-	-	-	-	244	199	V

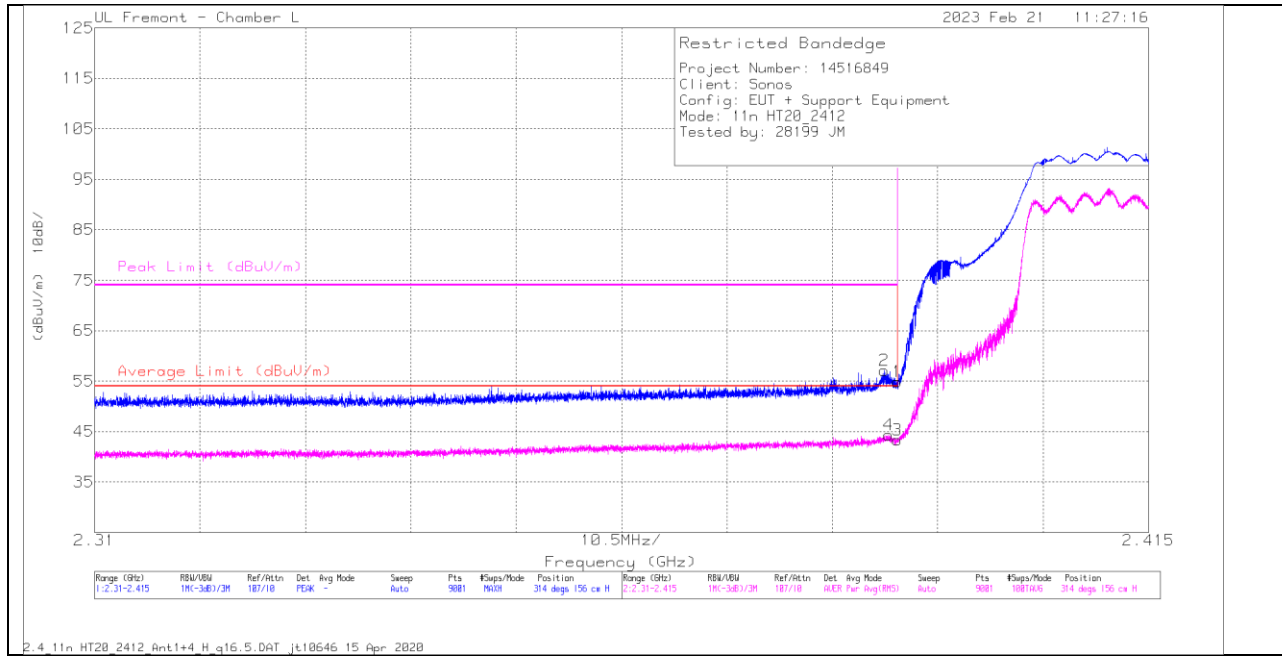
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

10.1.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

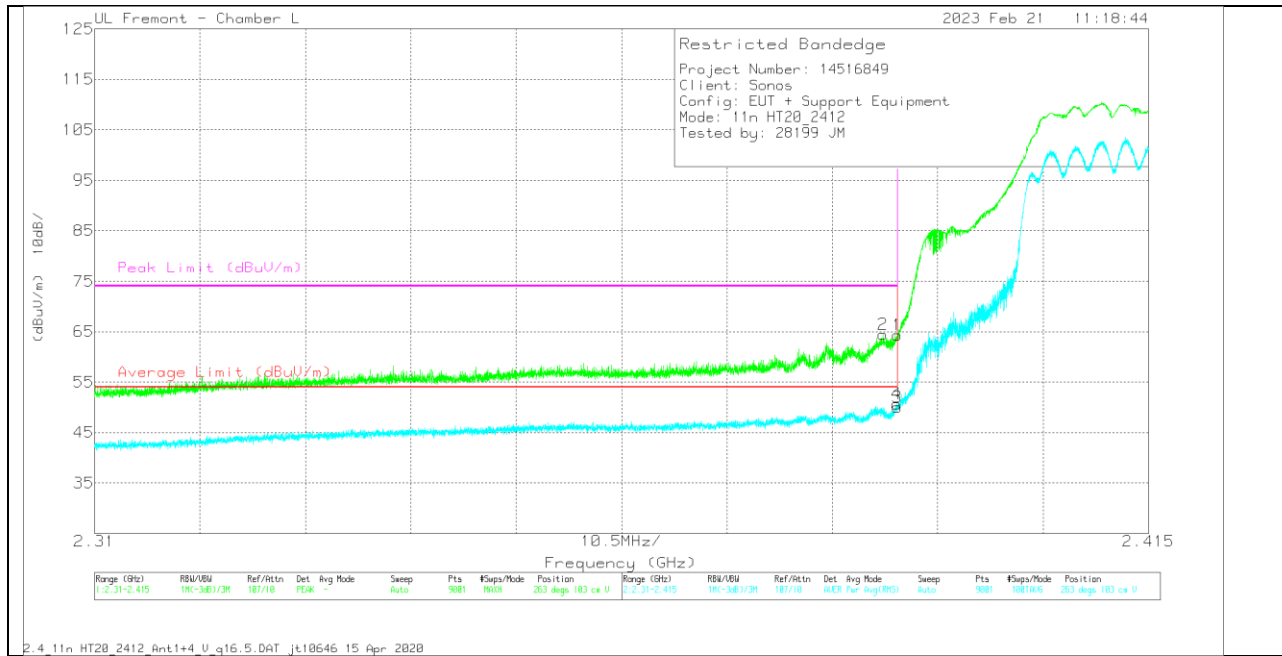
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (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	* 2390	42.53	Pk	32.5	-20.1	0	54.93	-	-	74	-19.07	314	156	H
2	* 2388.659	44.76	Pk	32.5	-20.1	0	57.16	-	-	74	-16.84	314	156	H
3	* 2390	30.29	RMS	32.5	-20.1	.6	43.29	54	-10.71	-	-	314	156	H
4	* 2389.091	31.28	RMS	32.5	-20.1	.6	44.28	54	-9.72	-	-	314	156	H

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

VERTICAL RESULT

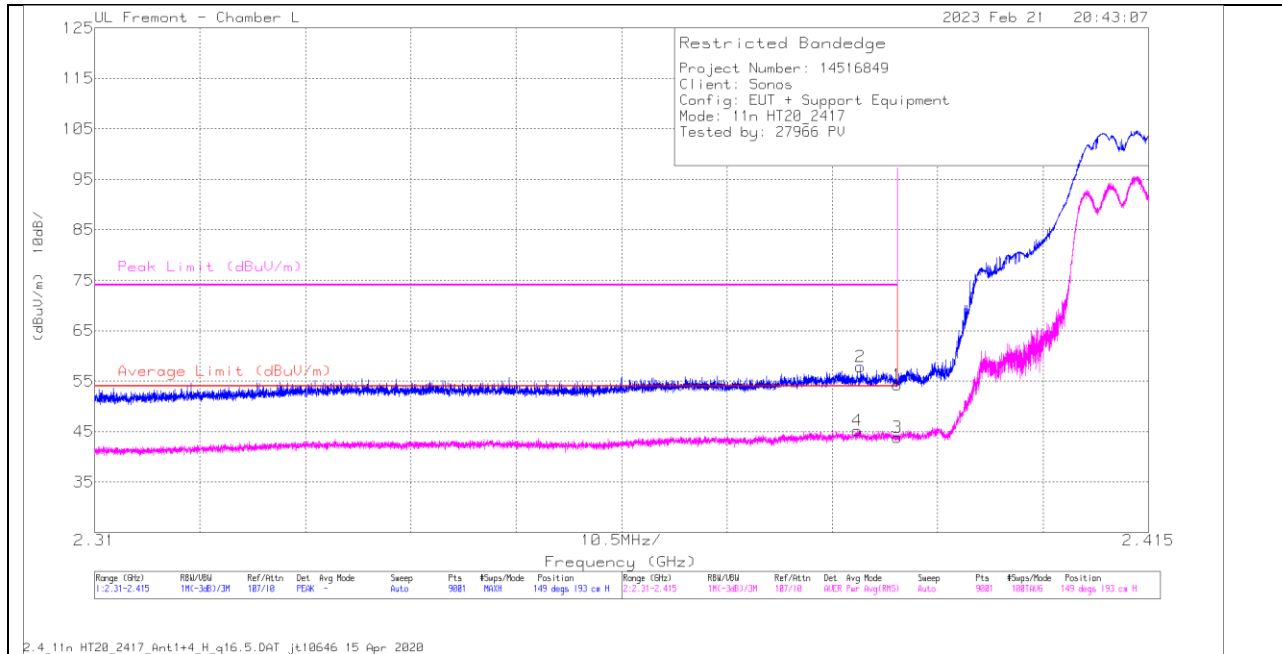


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	51.88	Pk	32.5	-20.1	0	64.28	-	-	74	-9.72	263	103	V
2	* 2388.554	52.01	Pk	32.5	-20.1	0	64.41	-	-	74	-9.59	263	103	V
3	* 2390	36.99	RMS	32.5	-20.1	.6	49.99	54	-4.01	-	-	263	103	V
4	* 2389.919	37.72	RMS	32.5	-20.1	.6	50.72	54	-3.28	-	-	263	103	V

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

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn 1mH	Amp/Cbl/Pad (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	* 2390	41.83	PK	32.5	-20.1	0	54.23	-	-	74	-19.77	149	193	H
2	* 2386.279	45.52	PK	32.5	-20.1	0	57.92	-	-	74	-16.08	149	193	H
3	* 2390	30.88	RMS	32.5	-20.1	.6	43.88	54	-10.12	-	-	149	193	H
4	* 2385.976	32.18	RMS	32.5	-20.1	.6	45.18	54	-8.82	-	-	149	193	H

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