

10. RADIATED TEST RESULTS

10.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

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 120 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements for the 30-1000 MHz range, 9 kHz for peak detection measurements or 9 kHz for quasi-peak detection measurements for the 0.15-30 MHz range and 200 Hz for peak detection measurements or 200 Hz for quasi-peak detection measurements for the 9 to 150 kHz range. Peak detection is used unless otherwise noted as quasi-peak.

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 add duty cycle factor for average measurements.

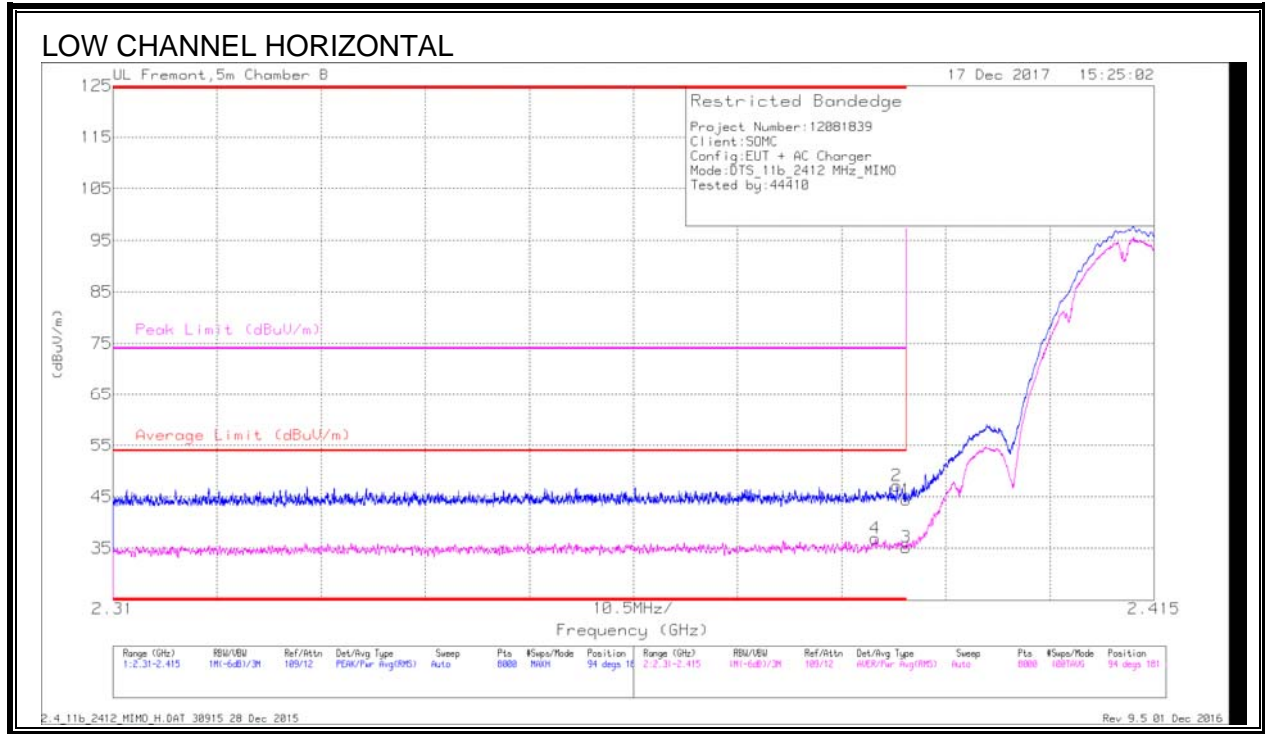
The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

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

10.2. TRANSMITTER ABOVE 1 GHz

10.2.1 11b MIMO MODE IN THE 2.4GHz BAND

AUTHORIZED BANDEGE (LOW CHANNEL, CH 1)



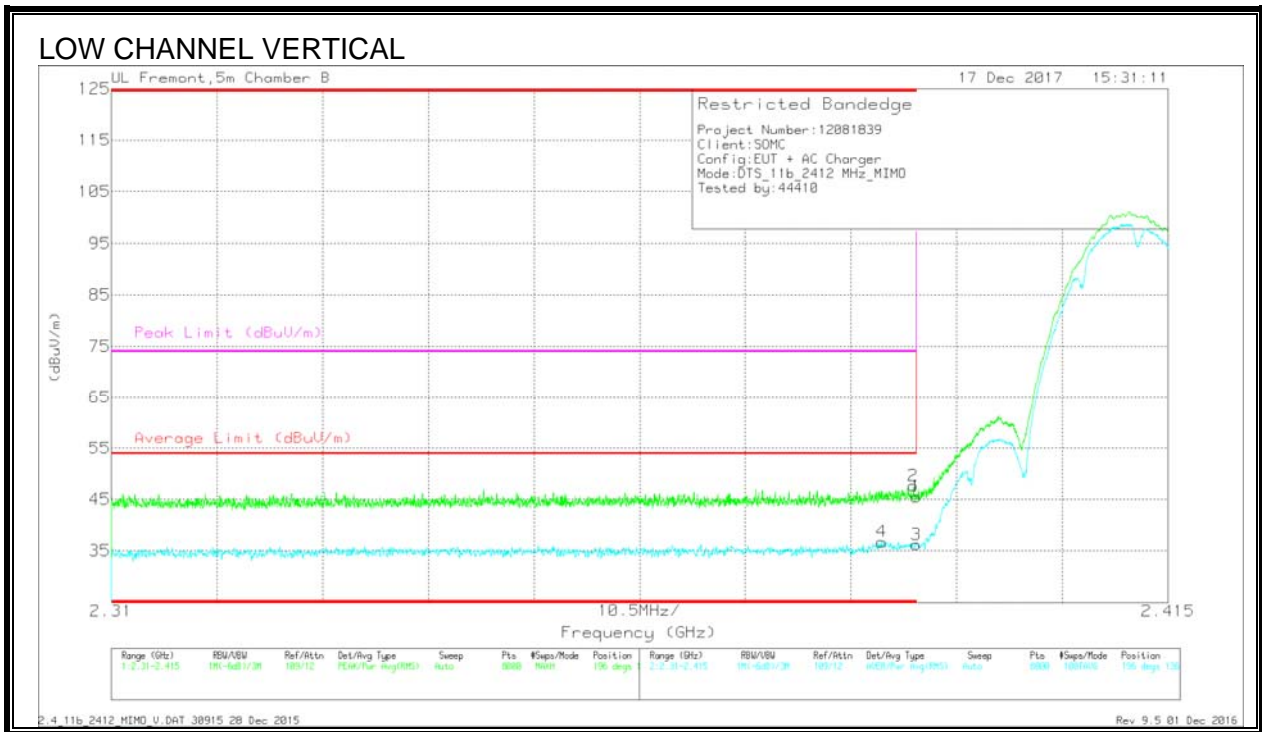
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Flt/Pa d (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	35.9	Pk	31.8	-23.3	44.4	-	-	74	-29.6	94	181	H
2	* 2.389	38.67	Pk	31.8	-23.3	47.17	-	-	74	-26.83	94	181	H
3	* 2.39	26.67	RMS	31.8	-23.3	35.17	54	-18.83	-	-	94	181	H
4	* 2.387	28.4	RMS	31.8	-23.3	36.9	54	-17.1	-	-	94	181	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

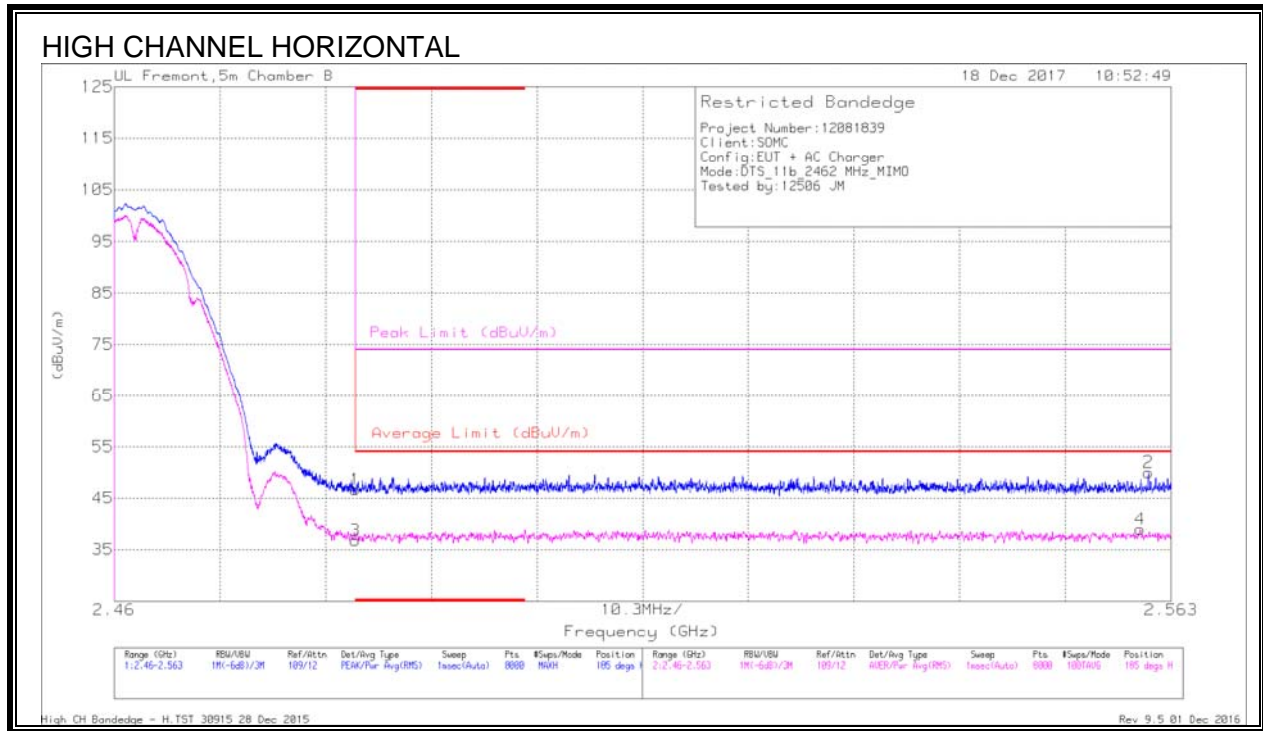
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.343	38.96	Pk	31.6	-23.4	47.16	-	-	74	-26.84	231	275	V
1	* 2.39	36.86	Pk	31.8	-23.3	45.36	-	-	74	-28.64	231	275	V
3	* 2.39	26.31	RMS	31.8	-23.3	34.81	54	-19.19	-	-	231	275	V
4	* 2.39	27.76	RMS	31.8	-23.3	36.26	54	-17.74	-	-	231	275	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 11)



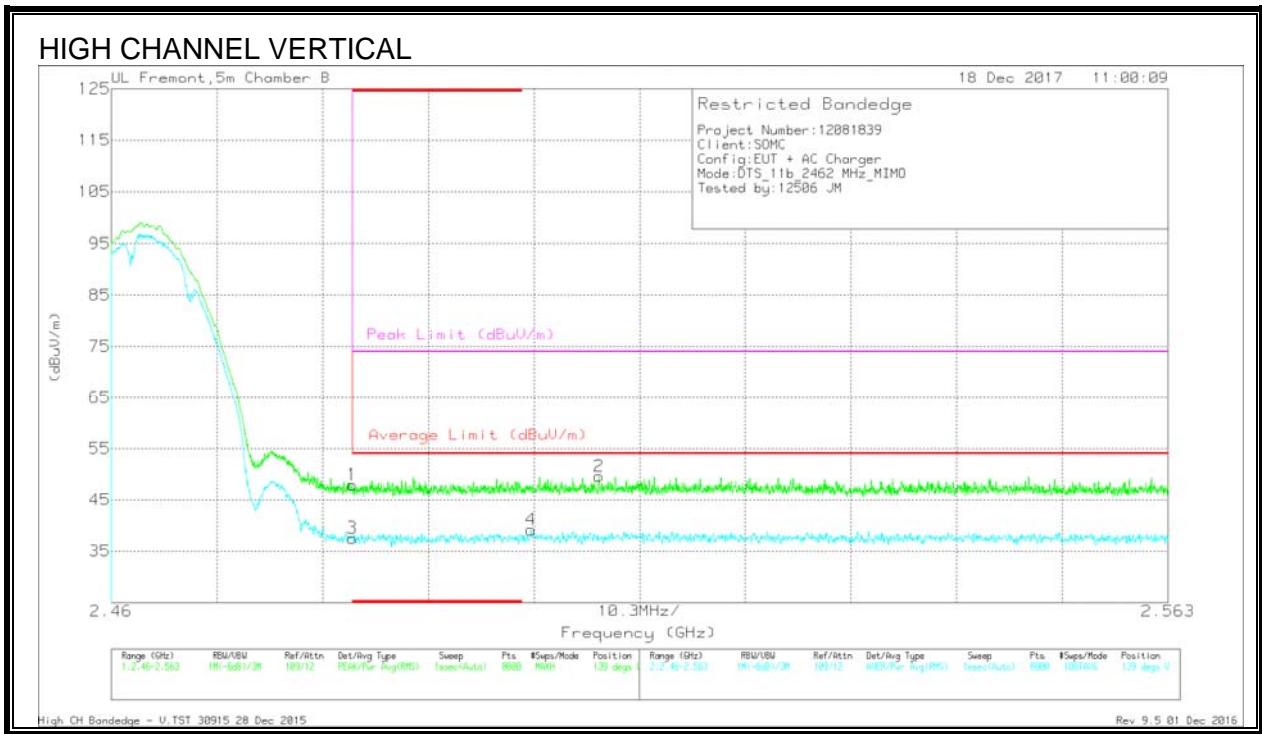
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	35.43	Pk	32.5	-21.3	46.63	-	-	74	-27.37	185	254	H
3	* 2.484	25.56	RMS	32.5	-21.3	36.76	54	-17.24	-	-	185	254	H
4	2.56	27.55	RMS	32.5	-21.1	38.95	54	-15.05	-	-	185	254	H
2	2.561	38.58	Pk	32.5	-21.1	49.98	-	-	74	-24.02	185	254	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

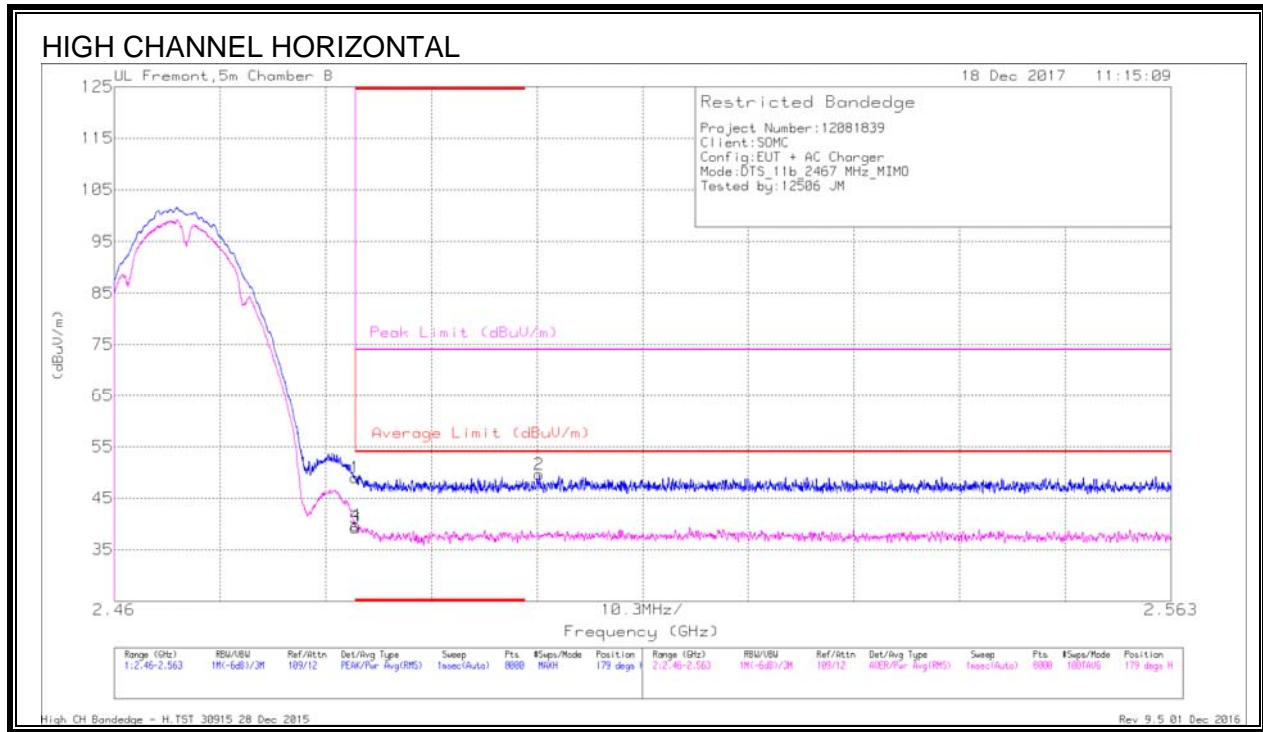
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.73	Pk	32.5	-21.3	47.93	-	-	74	-26.07	139	252	V
3	* 2.484	26.33	RMS	32.5	-21.3	37.53	54	-16.47	-	-	139	252	V
4	2.501	27.76	RMS	32.6	-21.2	39.16	54	-14.84	-	-	139	252	V
2	2.508	38.06	Pk	32.6	-21.1	49.56	-	-	74	-24.44	139	252	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

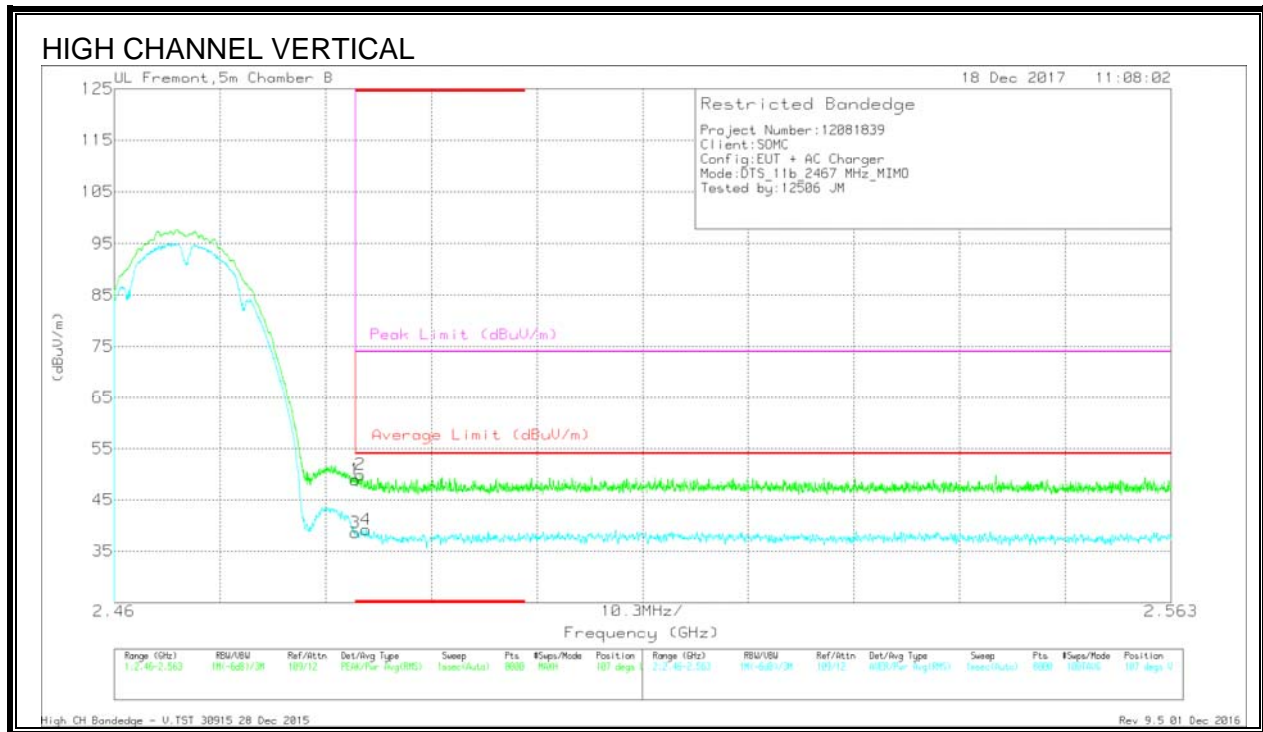
AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	37.77	Pk	32.5	-21.3	48.97	-	-	74	-25.03	179	232	H
3	* 2.484	28.06	RMS	32.5	-21.3	39.26	54	-14.74	-	-	179	232	H
4	* 2.484	28.46	RMS	32.5	-21.3	39.66	54	-14.34	-	-	179	232	H
2	2.501	38.17	Pk	32.6	-21.2	49.57	-	-	74	-24.43	179	232	H

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



Trace Markers

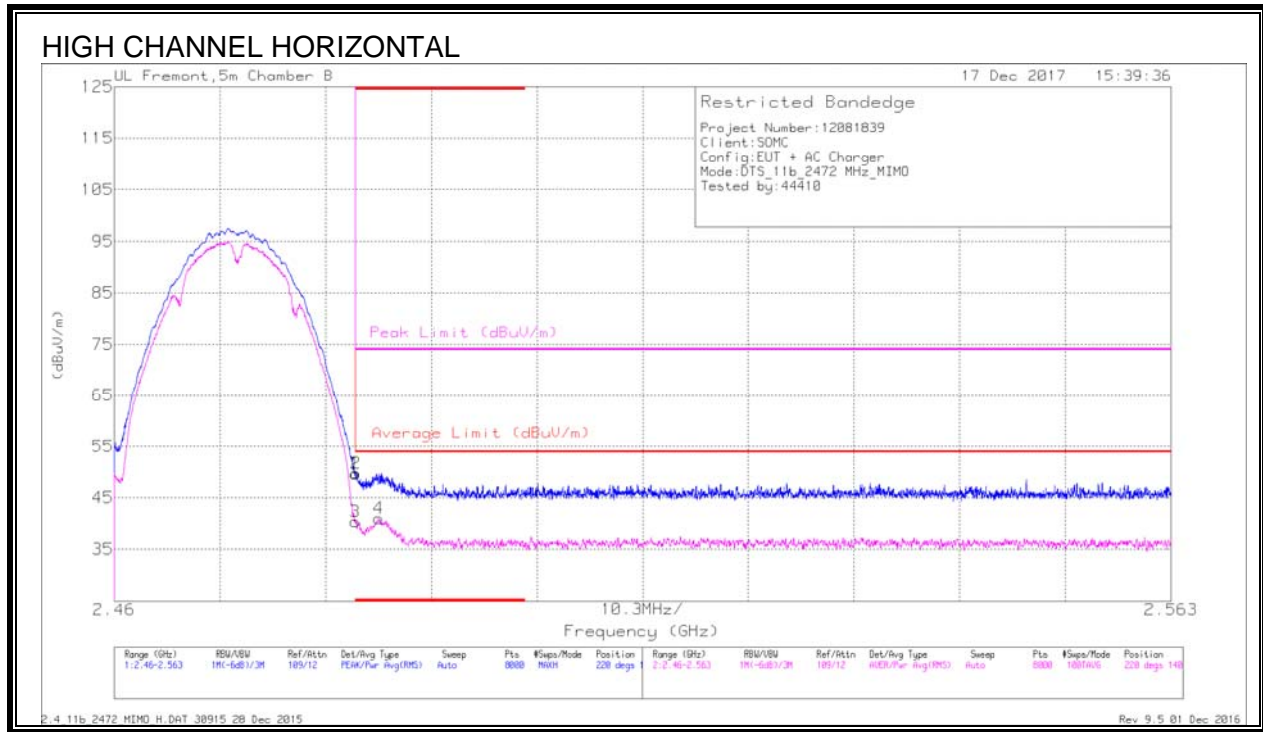
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	37.73	Pk	32.5	-21.3	48.93	-	-	74	-25.07	107	247	V
2	* 2.484	38.7	Pk	32.5	-21.3	49.9	-	-	74	-24.1	107	247	V
3	* 2.484	27.37	RMS	32.5	-21.3	38.57	54	-15.43	-	-	107	247	V
4	* 2.485	28.02	RMS	32.5	-21.3	39.22	54	-14.78	-	-	107	247	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

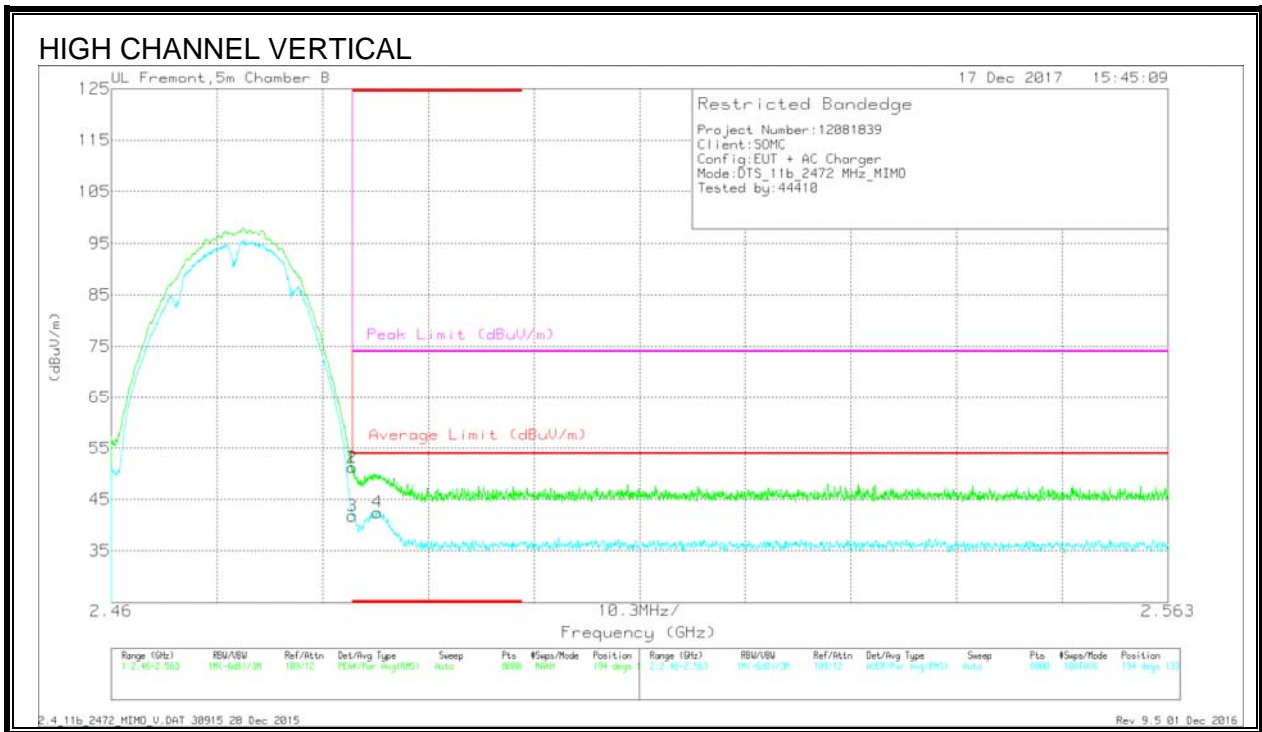
AUTHORIZED BANDEGE (HIGH CHANNEL, CH 13)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.58	Pk	32.3	-23.2	49.68	-	-	74	-24.32	220	140	H
2	* 2.484	40.68	Pk	32.3	-23.2	49.78	-	-	74	-24.22	220	140	H
3	* 2.484	31.23	RMS	32.3	-23.2	40.33	54	-13.67	-	-	220	140	H
4	* 2.486	31.9	RMS	32.3	-23.2	41	54	-13	-	-	220	140	H

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



Trace Markers

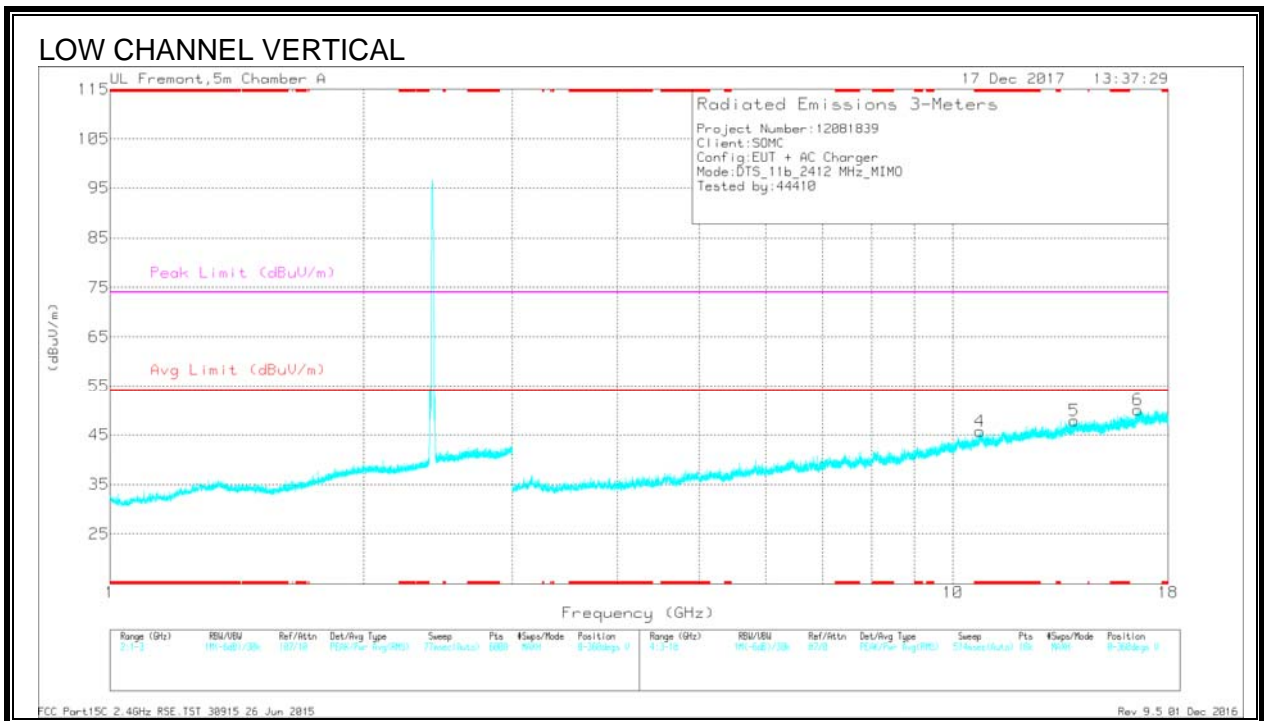
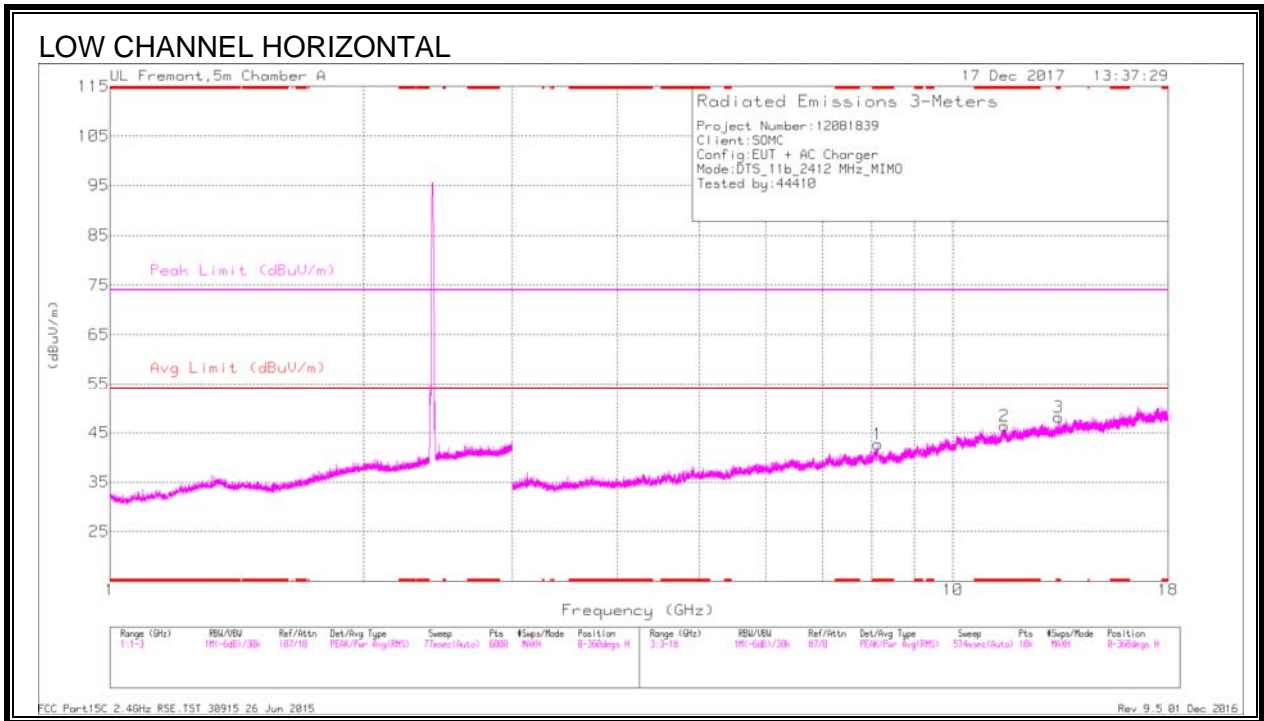
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.11	Pk	32.3	-23.2	51.21	-	-	74	-22.79	194	133	V
2	* 2.484	42.12	Pk	32.3	-23.2	51.22	-	-	74	-22.78	194	133	V
3	* 2.484	32.69	RMS	32.3	-23.2	41.79	54	-12.21	-	-	194	133	V
4	* 2.486	33.4	RMS	32.3	-23.2	42.5	54	-11.5	-	-	194	133	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, CH 1)

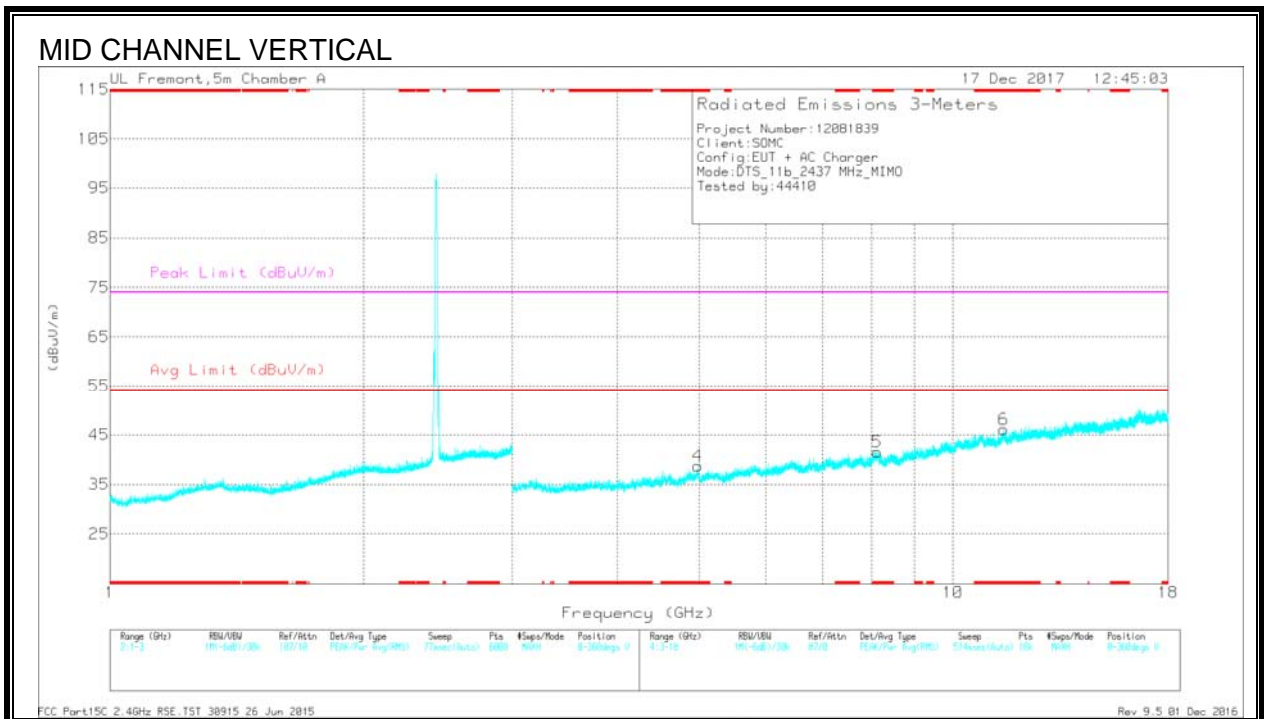
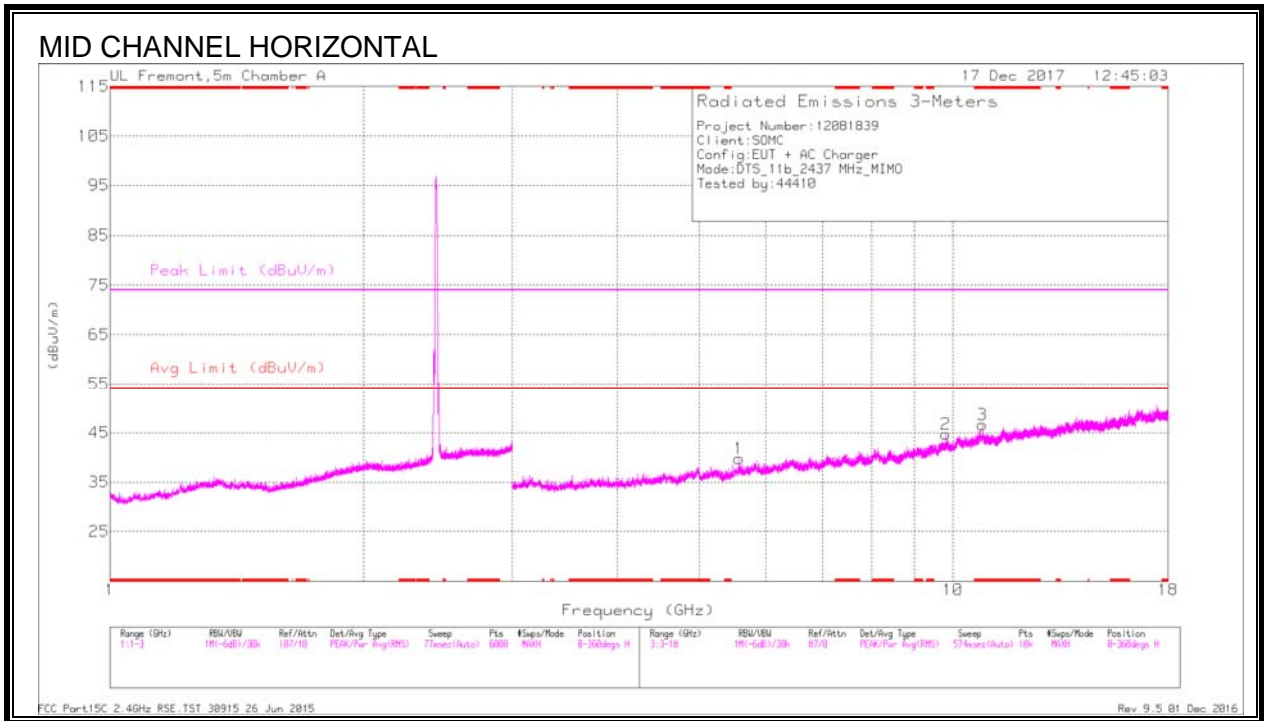


Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.149	32.87	PK2	35.8	-21	47.67	-	-	74	-26.33	61	346	H
	* 8.148	21.02	MAv1	35.8	-21	35.82	54	-18.18	-	-	61	346	H
2	* 11.507	31.57	PK2	38.3	-18.5	51.37	-	-	74	-22.63	48	143	H
	* 11.507	20.18	MAv1	38.3	-18.6	39.88	54	-14.12	-	-	48	143	H
3	* 13.339	31.29	PK2	39.4	-18.5	52.19	-	-	74	-21.81	19	130	H
	* 13.339	20.15	MAv1	39.4	-18.5	41.05	54	-12.95	-	-	19	130	H
4	* 10.761	32.34	PK2	37.8	-18.4	51.74	-	-	74	-22.26	341	143	V
	* 10.76	20.4	MAv1	37.8	-18.5	39.7	54	-14.3	-	-	341	143	V
5	13.927	32.58	PK2	39.4	-18.3	53.68	-	-	-	-	171	148	V
6	16.559	32.6	PK2	41.3	-17.8	56.1	-	-	-	-	21	195	V

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

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, CH 6)

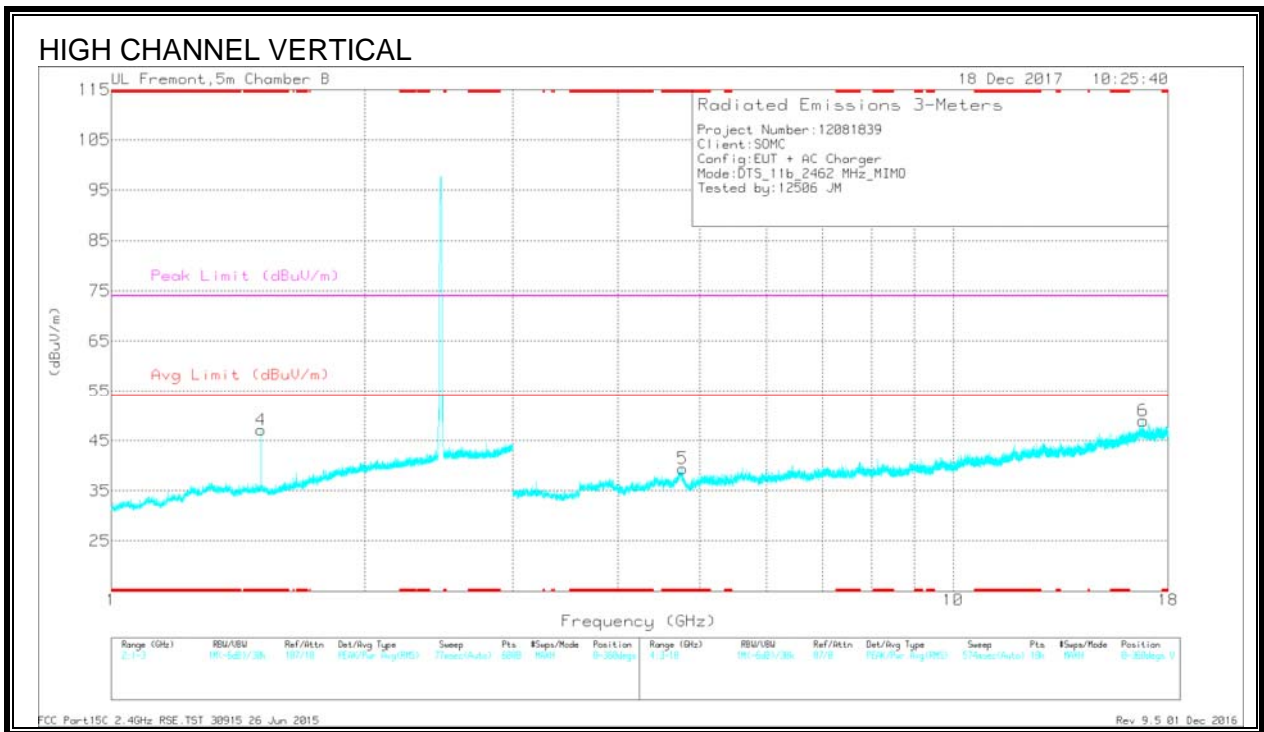
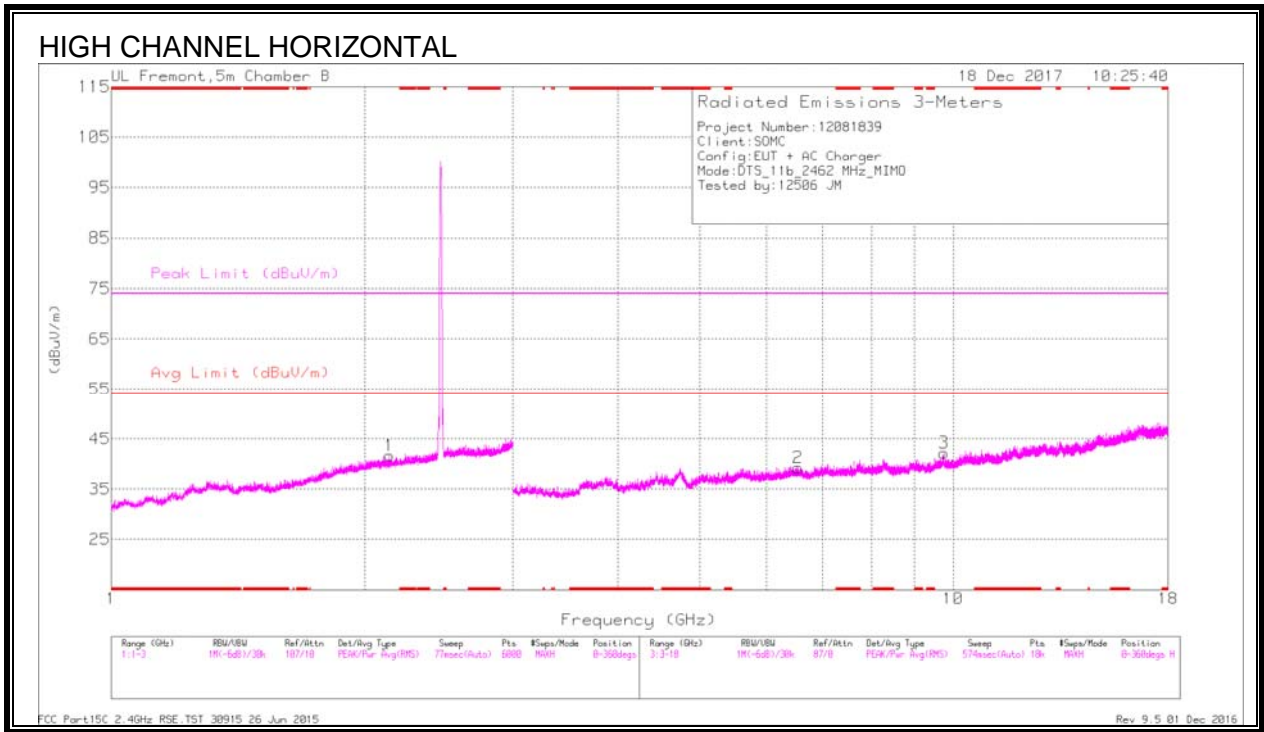


Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 10.831	31.41	PK2	37.8	-18.2	51.01	-	-	74	-22.99	83	268	H
	* 10.832	19.99	MAv1	37.9	-18.2	39.69	54	-14.31	-	-	83	268	H
4	* 4.979	37.73	PK2	34.3	-27.2	44.83	-	-	74	-29.17	223	390	V
	* 4.978	25.83	MAv1	34.3	-27.2	32.93	54	-21.07	-	-	223	390	V
5	* 8.135	32.96	PK2	35.8	-20.9	47.86	-	-	74	-26.14	276	339	V
	* 8.138	21.01	MAv1	35.8	-20.8	36.01	54	-17.99	-	-	276	339	V
6	* 11.484	31.55	PK2	38.3	-18.1	51.75	-	-	74	-22.25	159	105	V
	* 11.483	20.19	MAv1	38.3	-18.1	40.39	54	-13.61	-	-	159	105	V
1	5.574	36.34	PK2	35.1	-26.2	45.24	-	-	-	-	357	126	H
2	9.812	32.16	PK2	37	-20	49.16	-	-	-	-	49	116	H

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

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, CH 11)



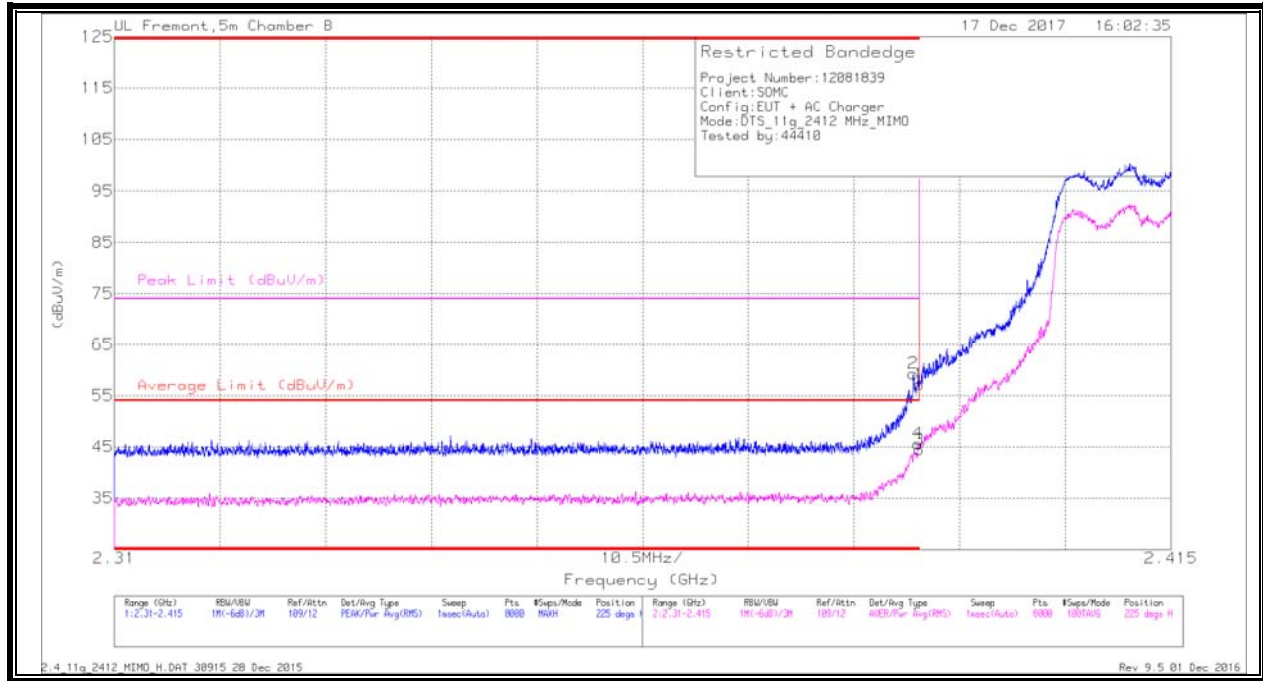
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.506	35.5	PK2	28.1	-21.2	42.4	-	-	74	-31.6	348	188	V
	* 1.507	23.32	MAv1	28.1	-21.2	30.22	54	-23.78	-	-	348	188	V
5	* 4.772	39.75	PK2	34.3	-29.4	44.65	-	-	74	-29.35	15	143	V
	* 4.771	28.02	MAv1	34.3	-29.4	32.92	54	-21.08	-	-	15	143	V
1	2.139	35.97	PK2	31.4	-21.2	46.17	-	-	-	-	74	145	H
2	6.538	38.35	PK2	35.7	-29.2	44.85	-	-	-	-	128	192	H
3	9.746	35.94	PK2	36.9	-25	47.84	-	-	-	-	148	179	H
6	16.812	33	PK2	42.3	-21.9	53.4	-	-	-	-	155	197	V

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

10.2.2 11g MIMO MODE IN THE 2.4GHZ BAND

AUTHORIZED BANDEDGE (LOW CHANNEL, CH 1)



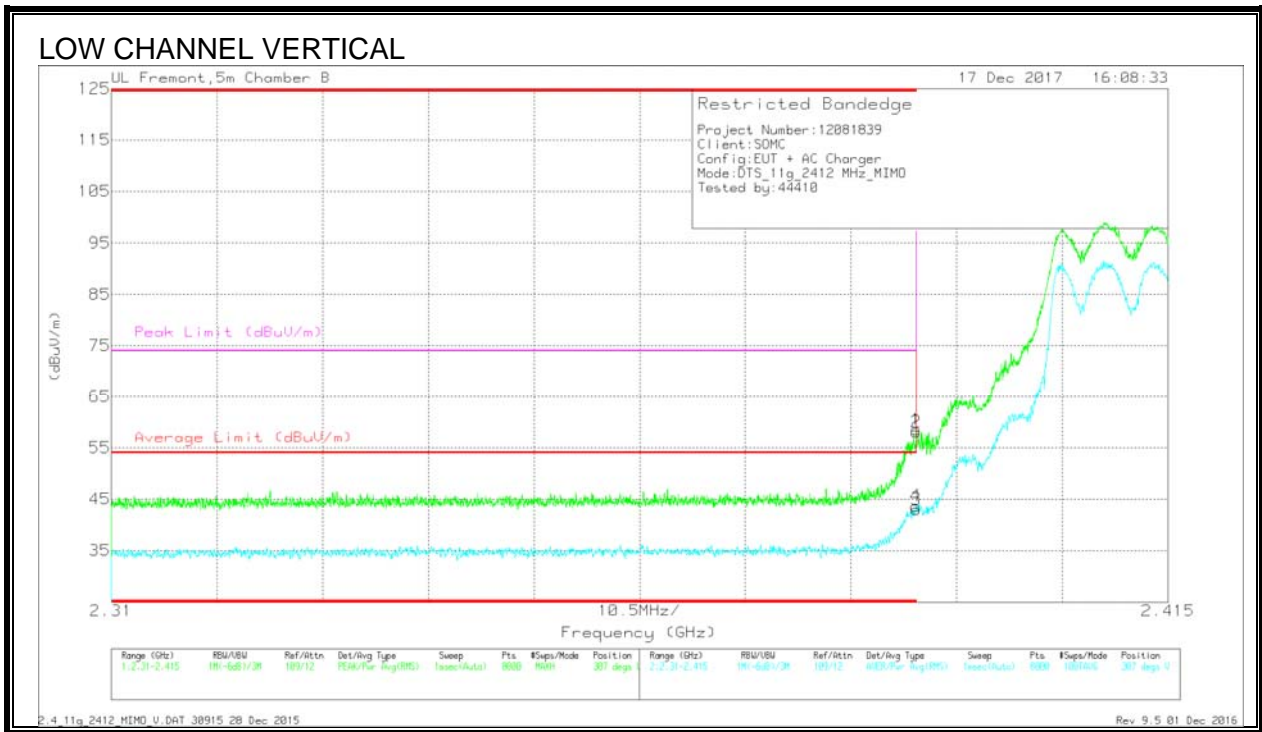
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Af T862 (dB/m)	Amp/Ch/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Admth (Degs)	Height (cm)	Polarity
2	* 2.389	50.81	Pk	31.8	-23.3	0	59.31	-	-	74	-14.69	225	262	H
1	* 2.39	48.67	Pk	31.8	-23.3	0	57.17	-	-	74	-16.83	225	262	H
3	* 2.39	35.97	RMS	31.8	-23.3	0	44.47	54	-9.53	-	-	225	262	H
4	* 2.39	37.11	RMS	31.8	-23.3	0	45.61	54	-8.39	-	-	225	262	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

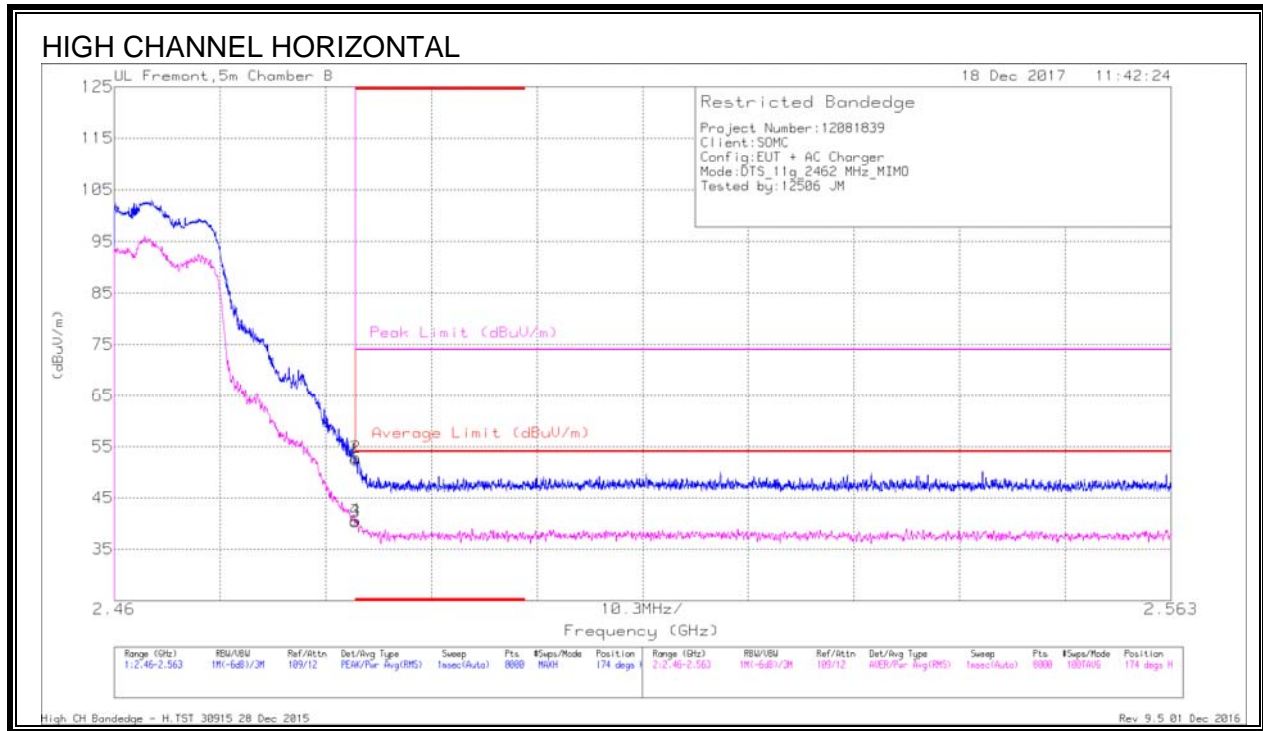


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (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	50.01	Pk	31.8	-23.3	58.51	-	-	74	-15.49	307	263	V
2	* 2.39	49.54	Pk	31.8	-23.3	58.04	-	-	74	-15.96	307	263	V
3	* 2.39	34.54	RMS	31.8	-23.3	43.04	54	-10.96	-	-	307	263	V
4	* 2.39	35.14	RMS	31.8	-23.3	43.64	54	-10.36	-	-	307	263	V

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

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 11)



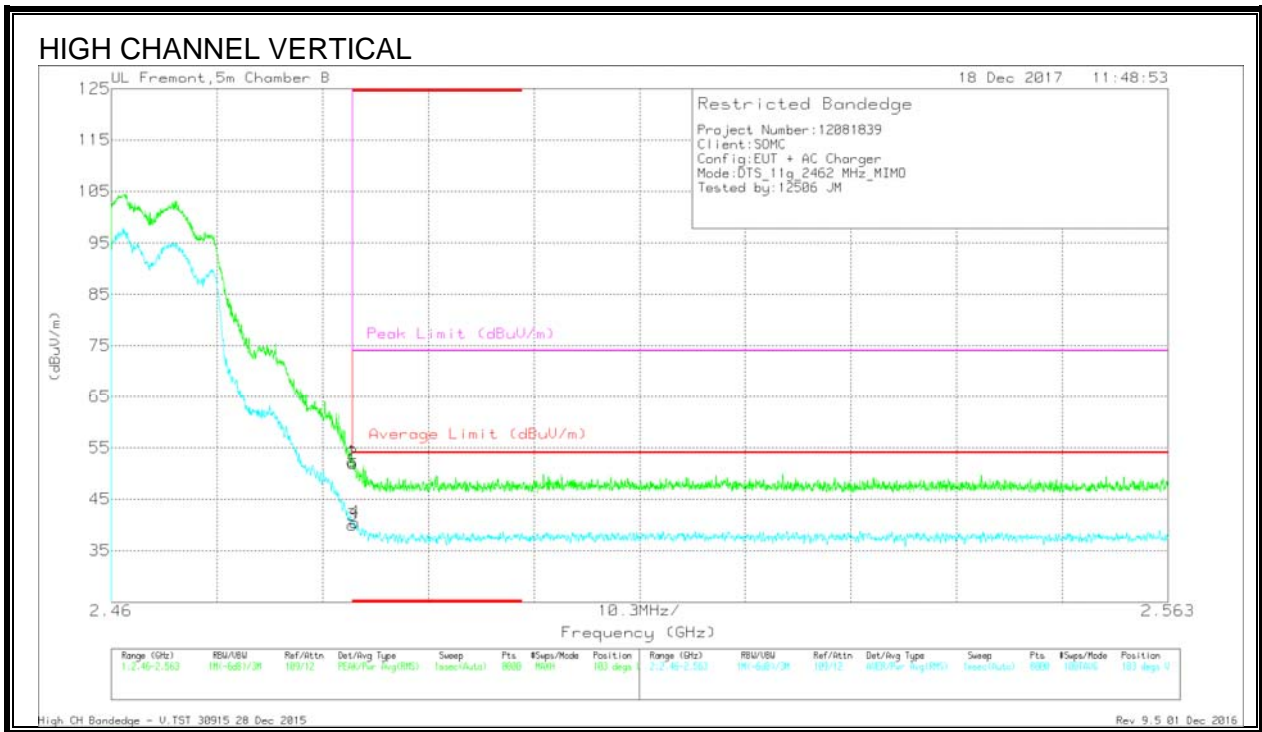
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.32	Pk	32.5	-21.3	52.52	-	-	74	-21.48	174	109	H
2	* 2.484	41.67	Pk	32.5	-21.3	52.87	-	-	74	-21.13	174	109	H
3	* 2.484	29.15	RMS	32.5	-21.3	40.35	54	-13.65	-	-	174	109	H
4	* 2.484	29.39	RMS	32.5	-21.3	40.59	54	-13.41	-	-	174	109	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

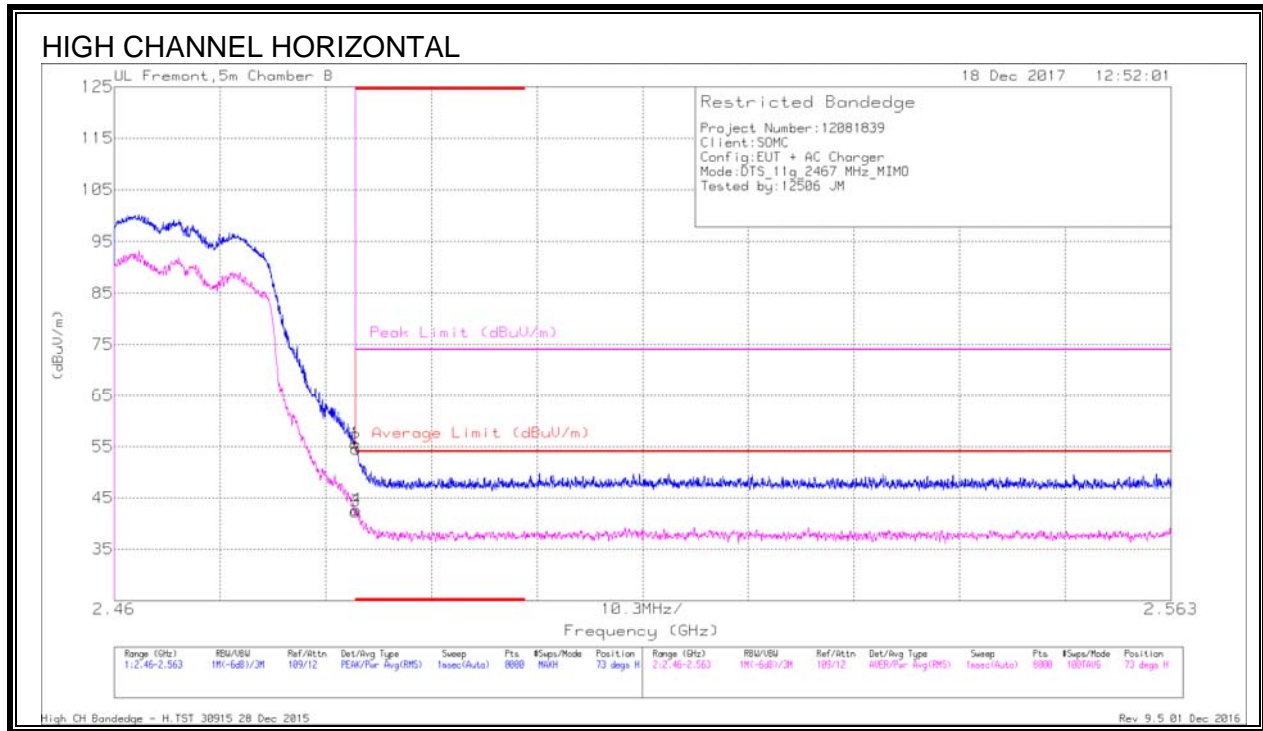


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.07	Pk	32.5	-21.3	52.27	-	-	74	-21.73	103	162	V
2	* 2.484	40.69	Pk	32.5	-21.3	51.89	-	-	74	-22.11	103	162	V
3	* 2.484	28.72	RMS	32.5	-21.3	39.92	54	-14.08	-	-	103	162	V
4	* 2.484	29.28	RMS	32.5	-21.3	40.48	54	-13.52	-	-	103	162	V

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

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)



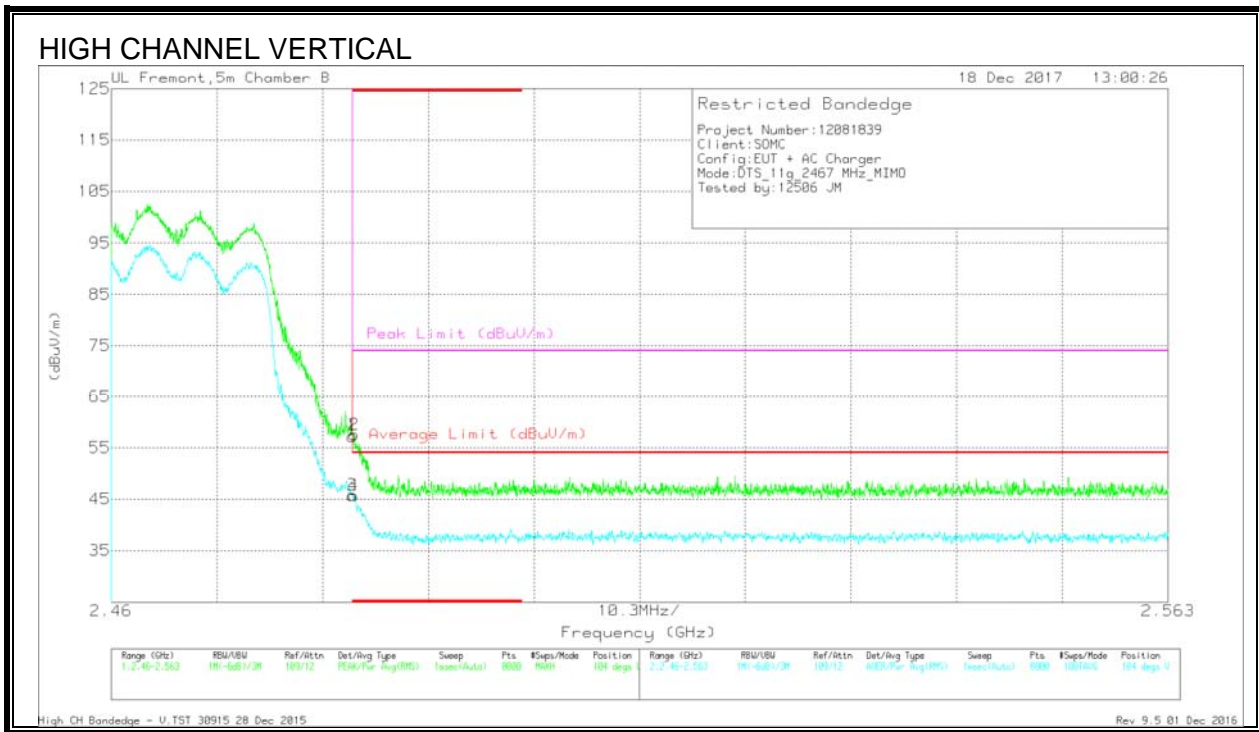
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.4	Pk	32.5	-21.3	55.6	-	-	74	-18.4	73	151	H
2	* 2.484	43.36	Pk	32.5	-21.3	54.56	-	-	74	-19.44	73	151	H
3	* 2.484	31.14	RMS	32.5	-21.3	42.34	54	-11.66	-	-	73	151	H
4	* 2.484	31.48	RMS	32.5	-21.3	42.68	54	-11.32	-	-	73	151	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

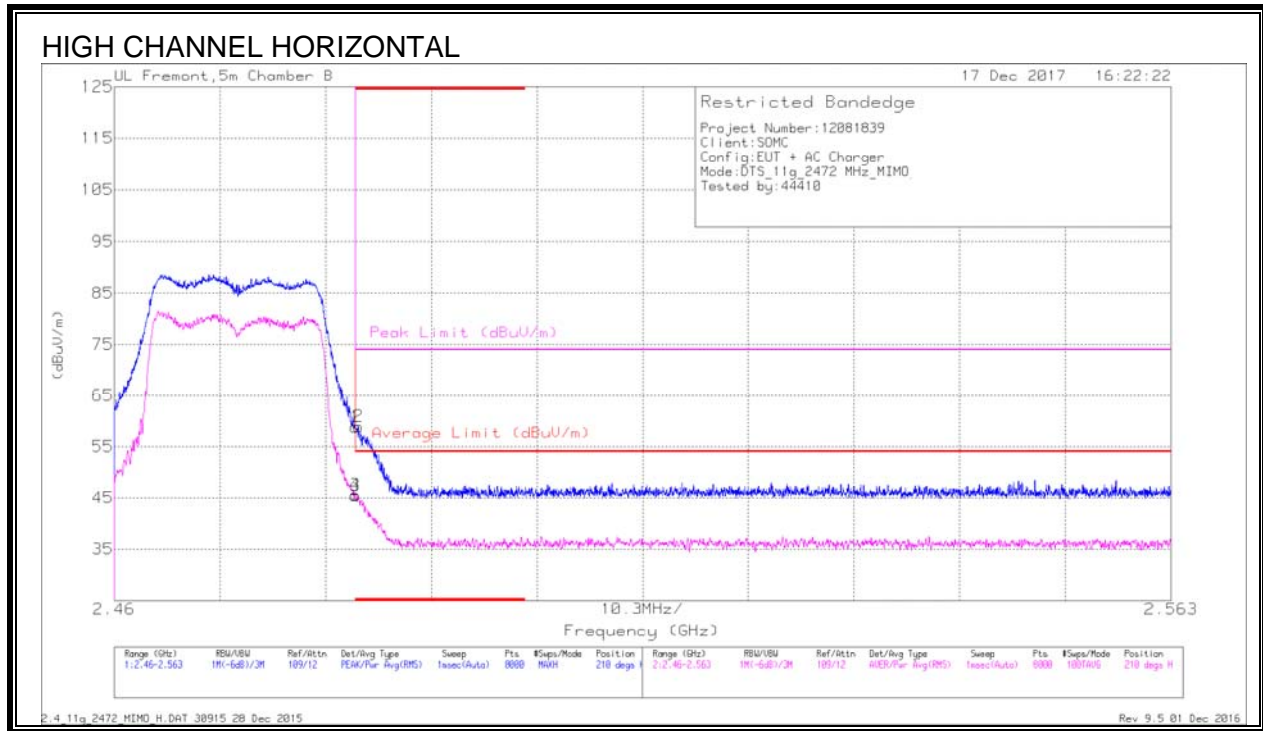
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.05	Pk	32.5	-21.3	57.25	-	-	74	-16.75	104	164	V
2	* 2.484	46.31	Pk	32.5	-21.3	57.51	-	-	74	-16.49	104	164	V
3	* 2.484	34.55	RMS	32.5	-21.3	45.75	54	-8.25	-	-	104	164	V
4	* 2.484	34.46	RMS	32.5	-21.3	45.66	54	-8.34	-	-	104	164	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 13)



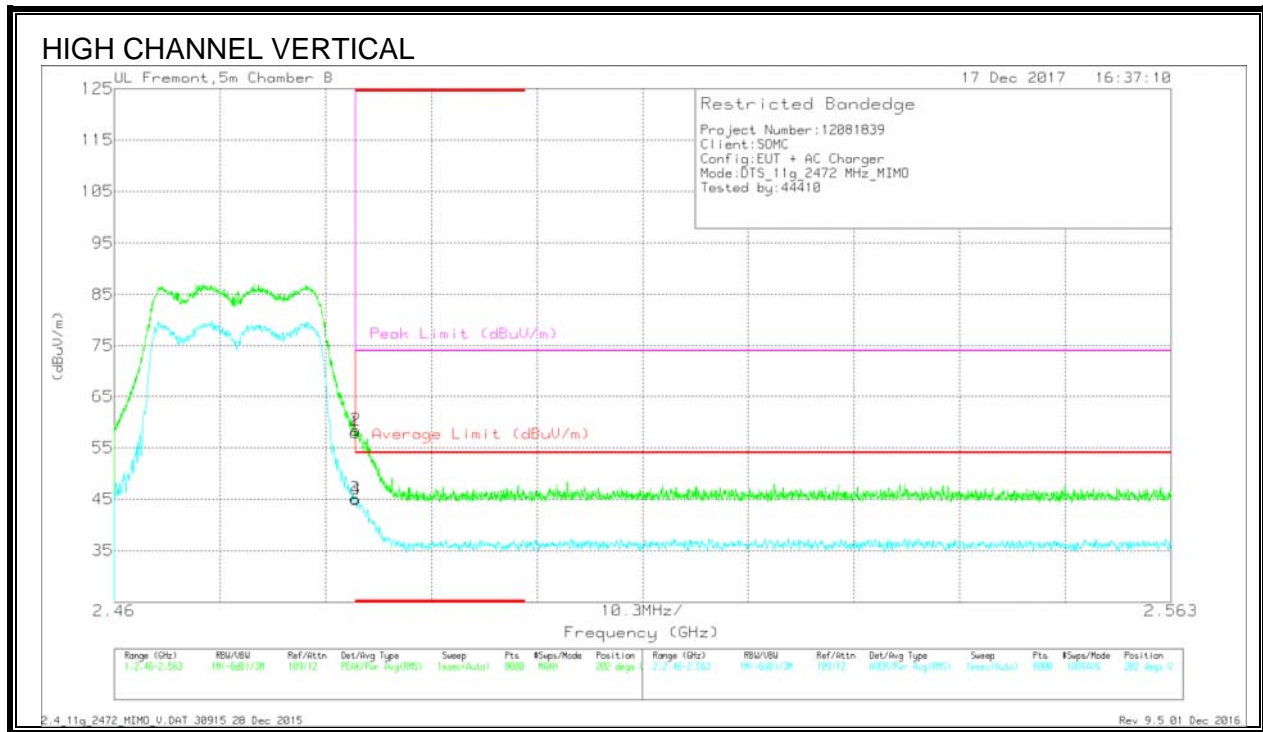
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.73	Pk	32.3	-23.2	58.83	-	-	74	-15.17	210	358	H
2	* 2.484	49.83	Pk	32.3	-23.2	58.93	-	-	74	-15.07	210	358	H
3	* 2.484	36.38	RMS	32.3	-23.2	45.48	54	-8.52	-	-	210	358	H
4	* 2.484	36.43	RMS	32.3	-23.2	45.53	54	-8.47	-	-	210	358	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

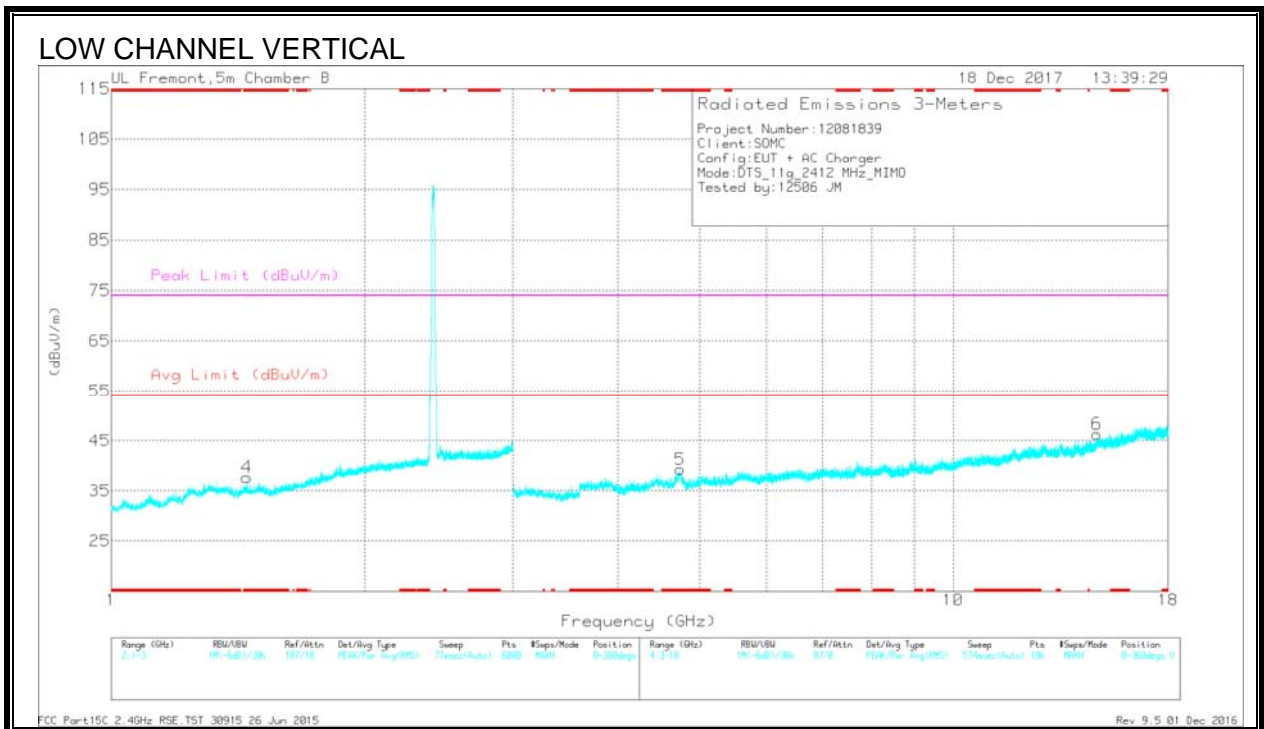
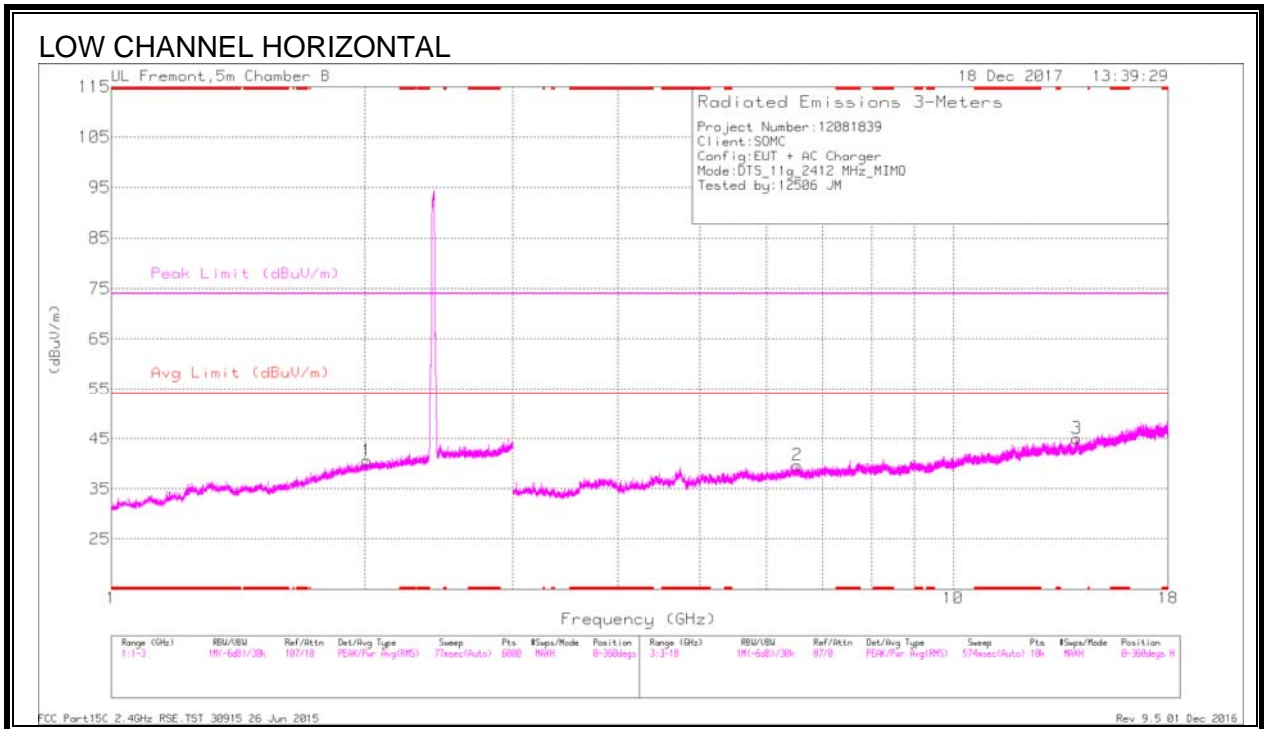
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.83	Pk	32.3	-23.2	57.93	-	-	74	-16.07	202	393	V
2	* 2.484	49.32	Pk	32.3	-23.2	58.42	-	-	74	-15.58	202	393	V
3	* 2.484	35.99	RMS	32.3	-23.2	45.09	54	-8.91	-	-	202	393	V
4	* 2.484	35.88	RMS	32.3	-23.2	44.98	54	-9.02	-	-	202	393	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, CH 1)



Radiated Emissions

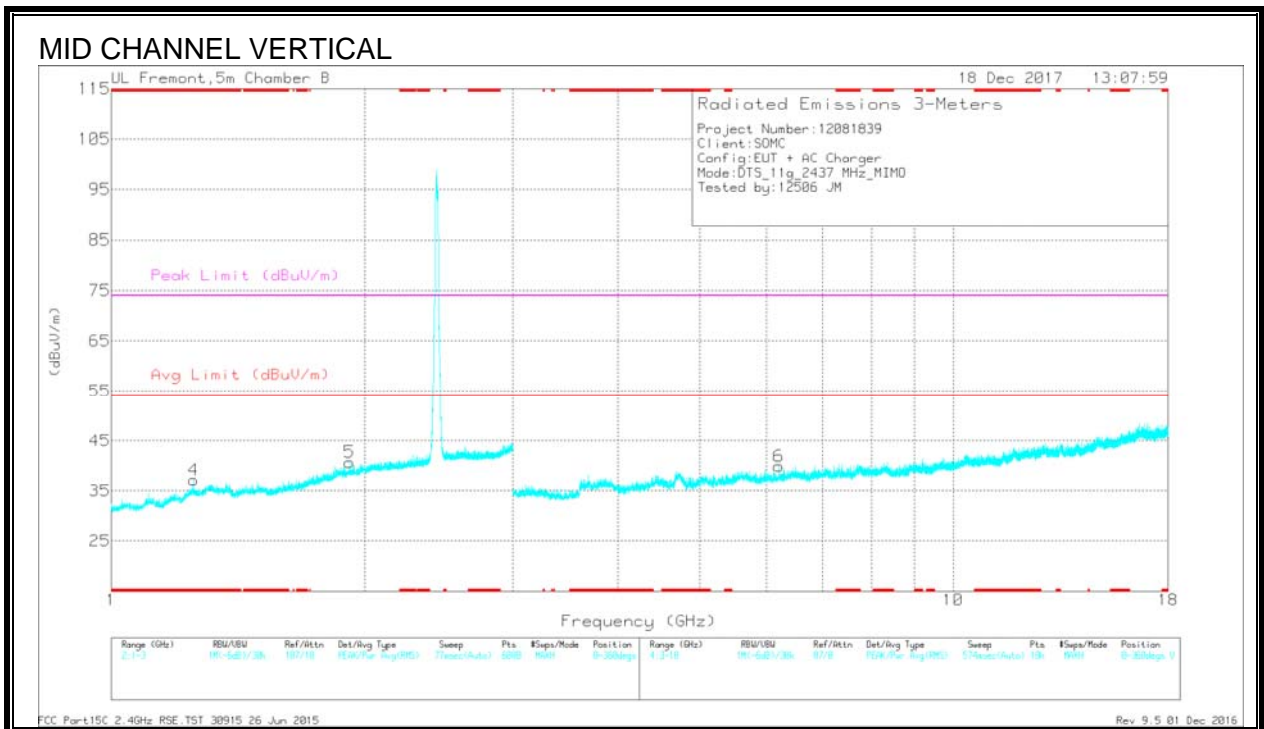
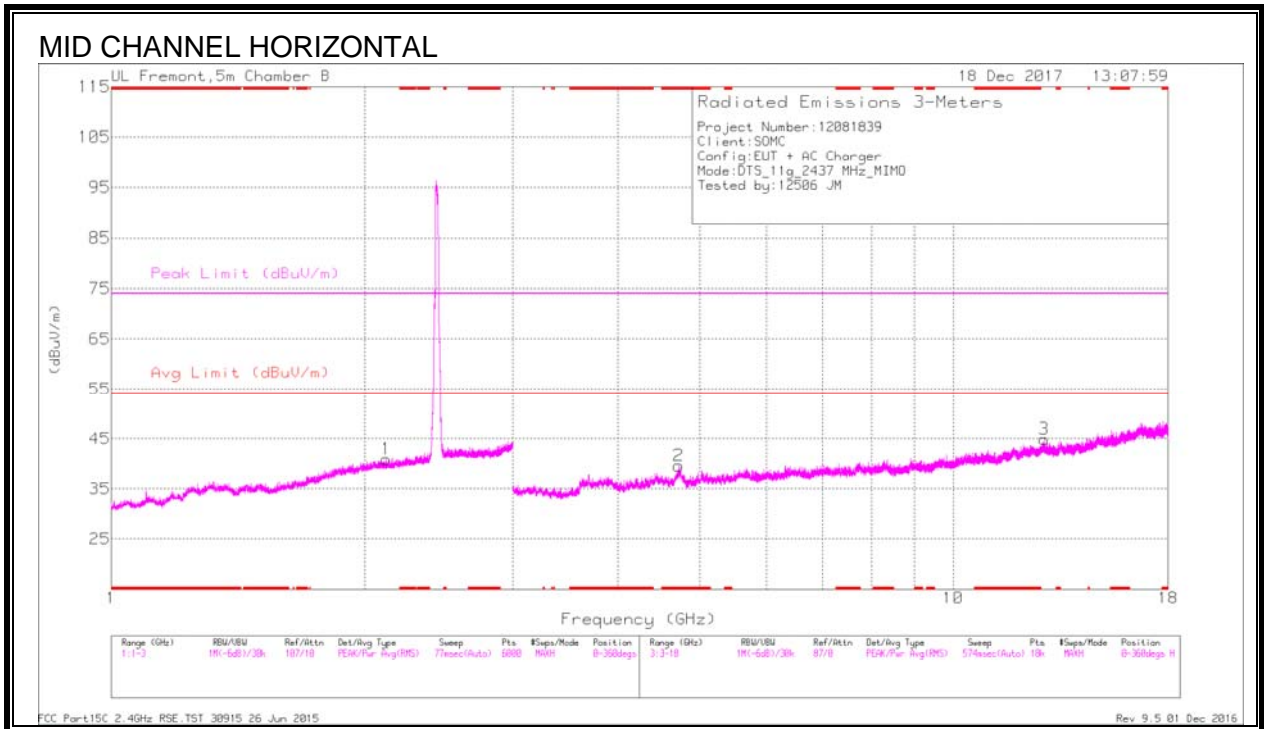
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.45	35.4	PK2	28.3	-21.5	42.2	-	-	74	-31.8	196	193	V
	* 1.447	23.5	MAv1	28.3	-21.4	30.4	54	-23.6	-	-	196	193	V
5	* 4.74	40.52	PK2	34.2	-29.5	45.22	-	-	74	-28.78	198	167	V
	* 4.742	29.63	MAv1	34.2	-29.5	34.33	54	-19.67	-	-	198	167	V
1	2.012	36.09	PK2	31.3	-21.2	46.19	-	-	-	-	199	193	H
2	6.527	38.44	PK2	35.7	-29	45.14	-	-	-	-	230	221	H
3	14.02	34.02	PK2	39.2	-23.2	50.02	-	-	-	-	234	201	H
6	14.809	35.04	PK2	40.5	-23.7	51.84	-	-	-	-	248	170	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, CH 6)

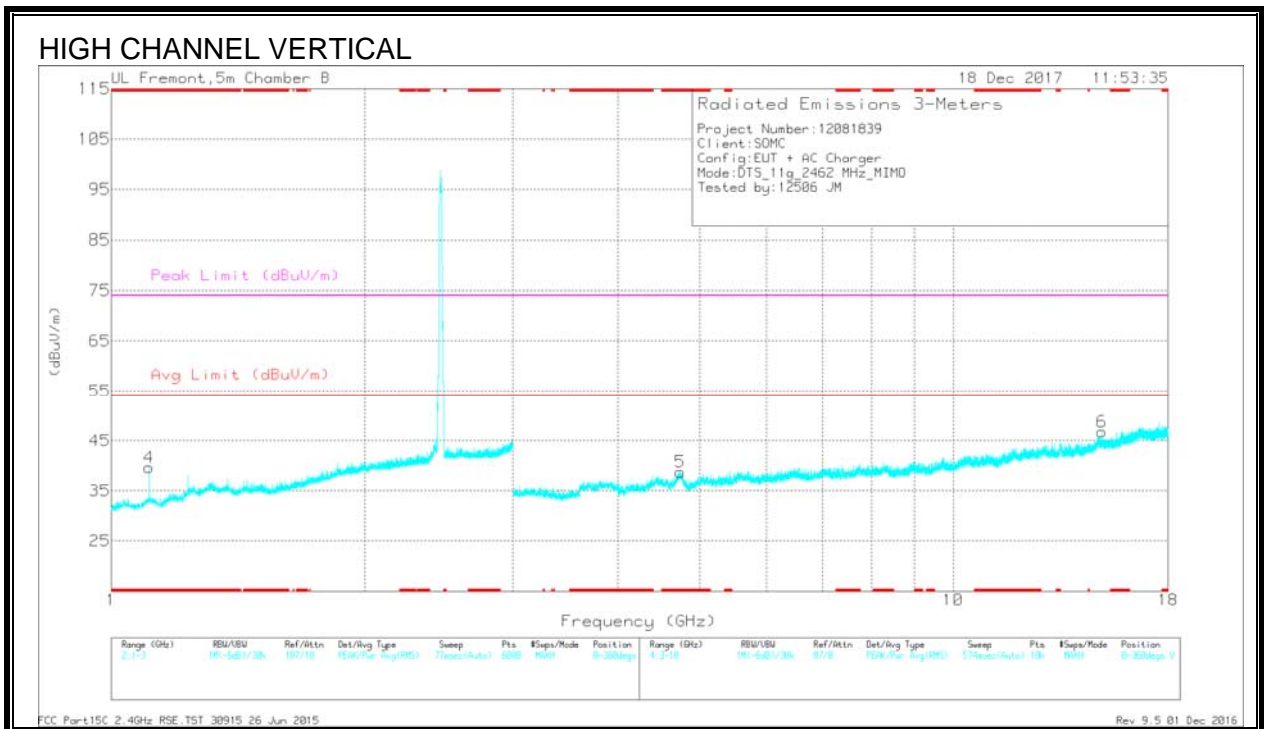
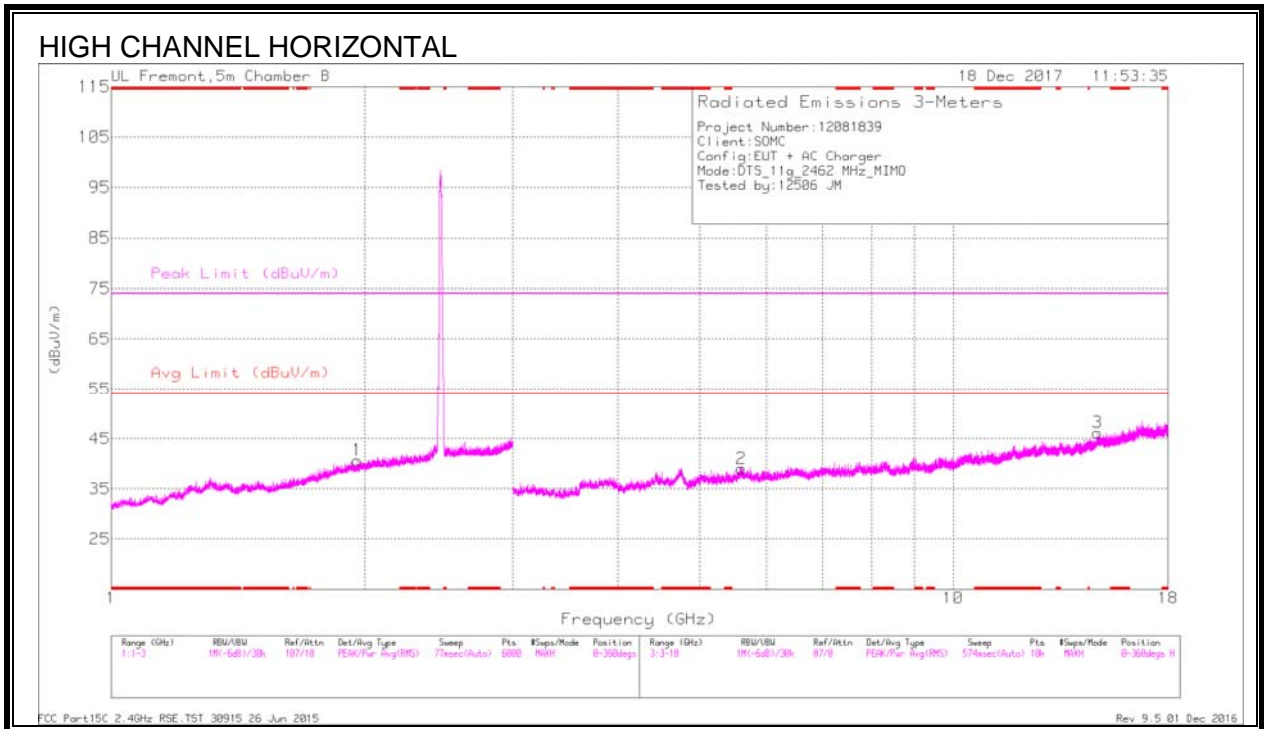


Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.252	35.71	PK2	28.8	-22.1	42.41	-	-	74	-31.59	48	189	V
	* 1.251	23.3	MAv1	28.8	-22.1	30	54	-24	-	-	48	189	V
2	* 4.722	40.87	PK2	34.2	-29.7	45.37	-	-	74	-28.63	236	217	H
	* 4.719	28.77	MAv1	34.2	-29.8	33.17	54	-20.83	-	-	236	217	H
5	1.917	35.29	PK2	31	-21	45.29	-	-	-	-	114	198	V
1	2.121	36.21	PK2	31.4	-21.1	46.51	-	-	-	-	95	191	H
6	6.207	39.41	PK2	35.7	-29.6	45.51	-	-	-	-	143	152	V
3	12.812	34.07	PK2	39.4	-23.4	50.07	-	-	-	-	130	171	H

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

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, CH 11)



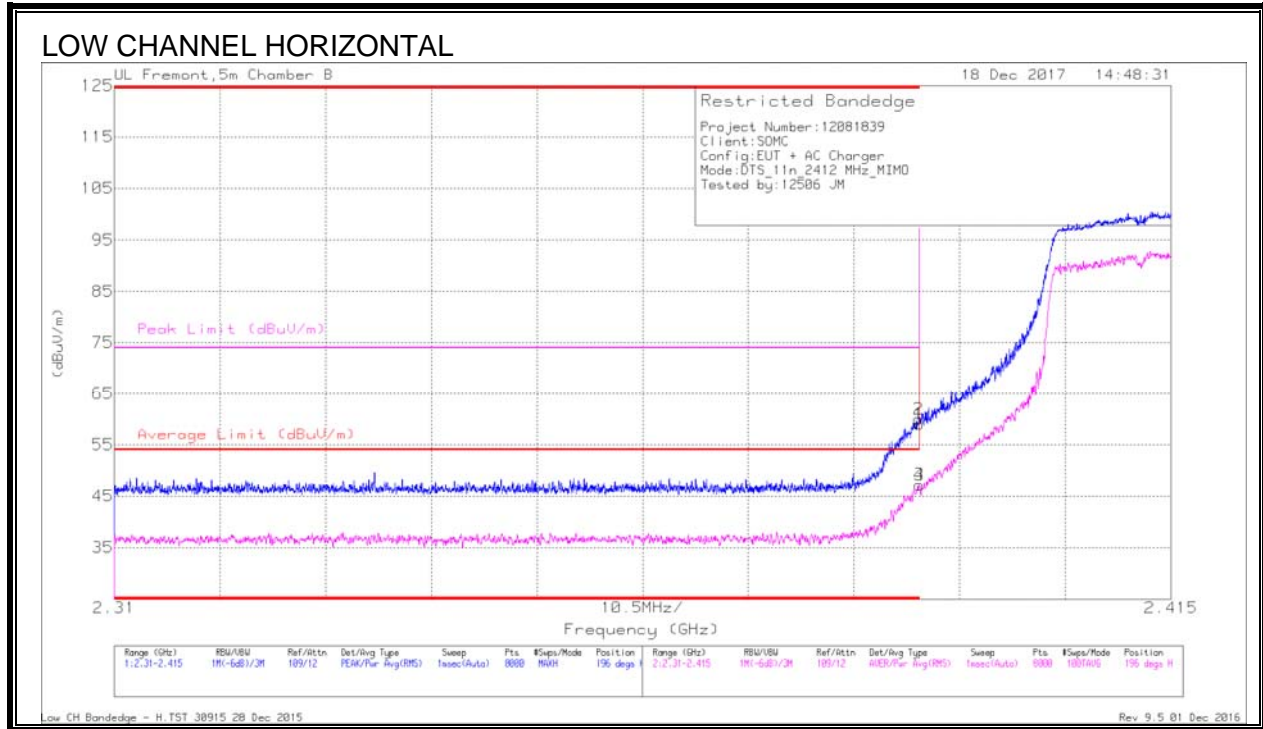
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.108	36	PK2	27.6	-22.8	40.8	-	-	74	-33.2	172	397	V
	* 1.11	23.43	MAv1	27.6	-22.9	28.13	54	-25.87	-	-	172	397	V
5	* 4.74	40.49	PK2	34.2	-29.5	45.19	-	-	74	-28.81	4	187	V
	* 4.742	28.83	MAv1	34.2	-29.5	33.53	54	-20.47	-	-	4	187	V
1	1.961	35.81	PK2	31.1	-21.1	45.81	-	-	-	-	197	104	H
2	5.606	39.52	PK2	35.4	-30	44.92	-	-	-	-	343	144	H
3	14.847	34.66	PK2	40.6	-23.4	51.86	-	-	-	-	232	187	H
6	15.028	33.75	PK2	40.6	-22.5	51.85	-	-	-	-	235	152	V

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

10.2.3 11n HT20 MIMO MODE IN THE 2.4GHz BAND

AUTHORIZED BANDEDGE (LOW CHANNEL, CH 1)



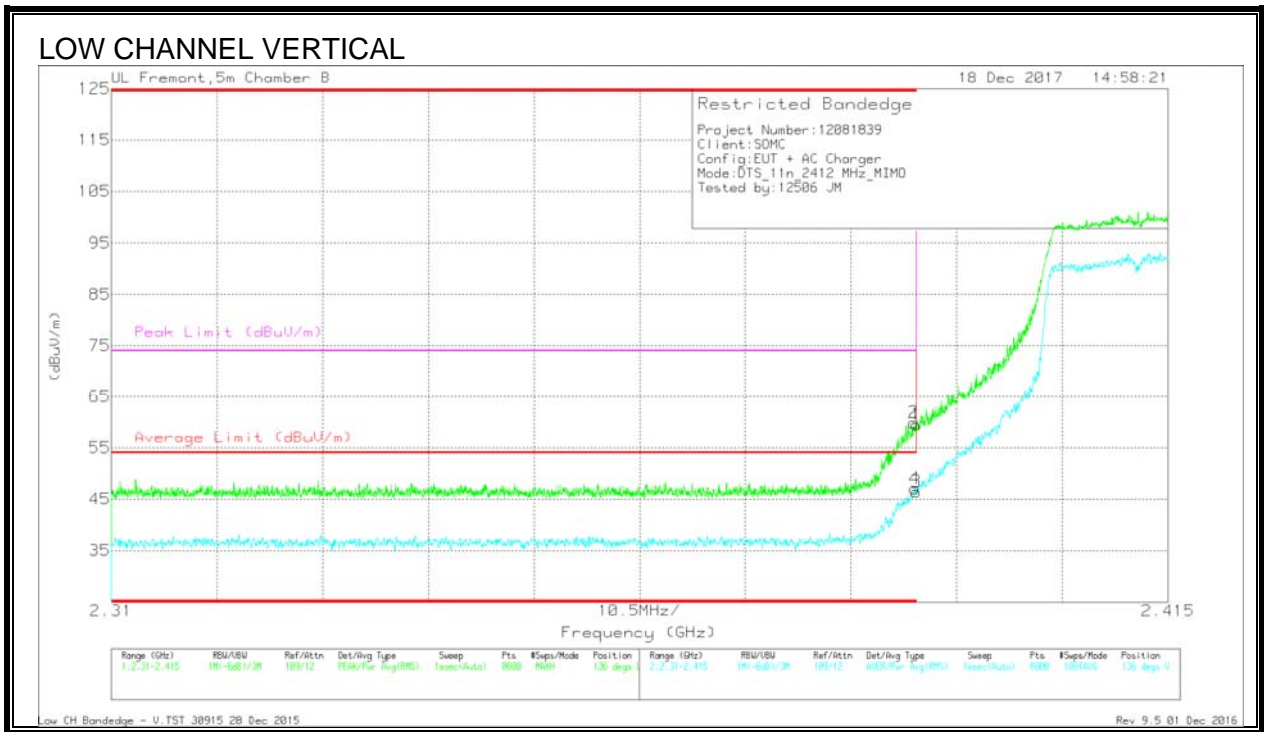
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (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	48.27	Pk	32	-21.3	0	58.97	-	-	74	-15.03	196	239	H
2	* 2.39	49.28	Pk	32	-21.3	0	59.98	-	-	74	-14.02	196	239	H
3	* 2.39	36.33	RMS	32	-21.3	.13	47.16	54	-6.84	-	-	196	239	H
4	* 2.39	36.28	RMS	32	-21.3	.13	47.11	54	-6.89	-	-	196	239	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

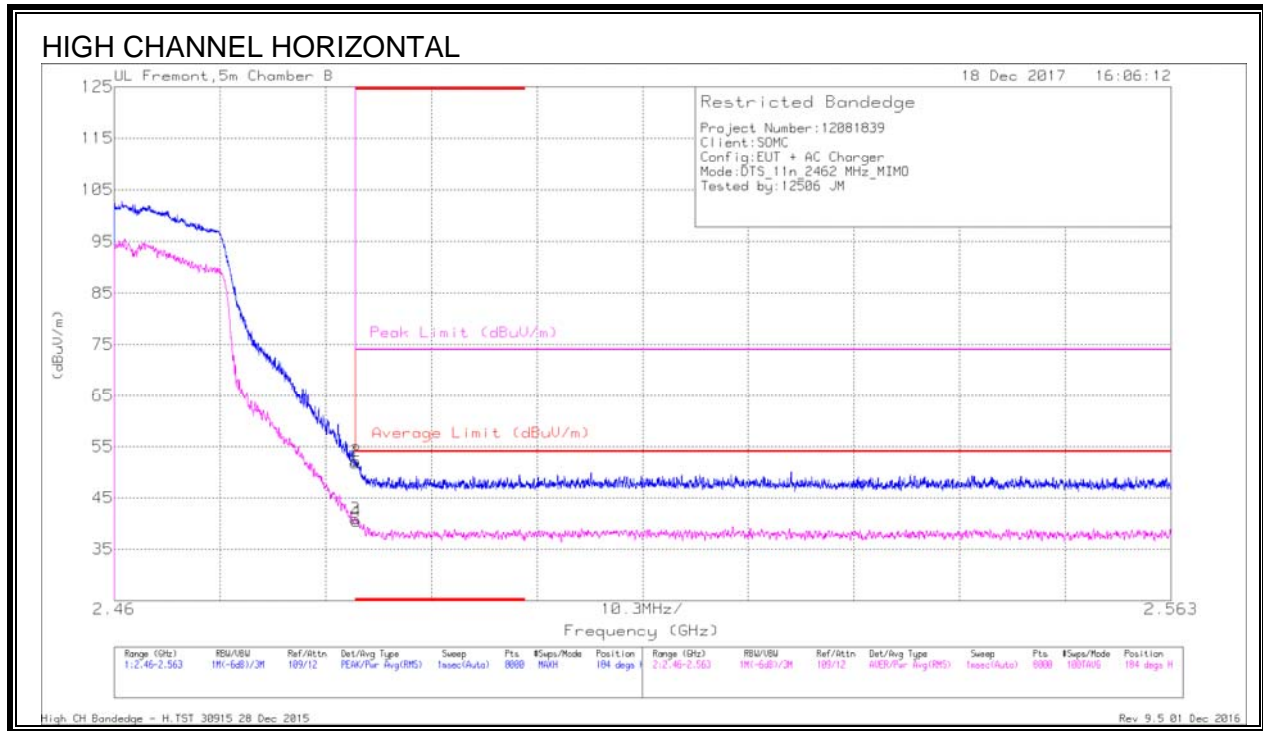
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1862 (dB/m)	Amp/Cb/Pltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.82	PK	32	-21.3	0	59.52	-	-	74	-14.48	136	192	V
2	* 2.39	49.19	PK	32	-21.3	0	59.89	-	-	74	-14.11	136	192	V
3	* 2.39	35.62	RMS	32	-21.3	.13	46.45	54	-7.55	-	-	136	192	V
4	* 2.39	36.21	RMS	32	-21.3	.13	47.04	54	-6.96	-	-	136	192	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK - Peak detector

RMS - RMS detection

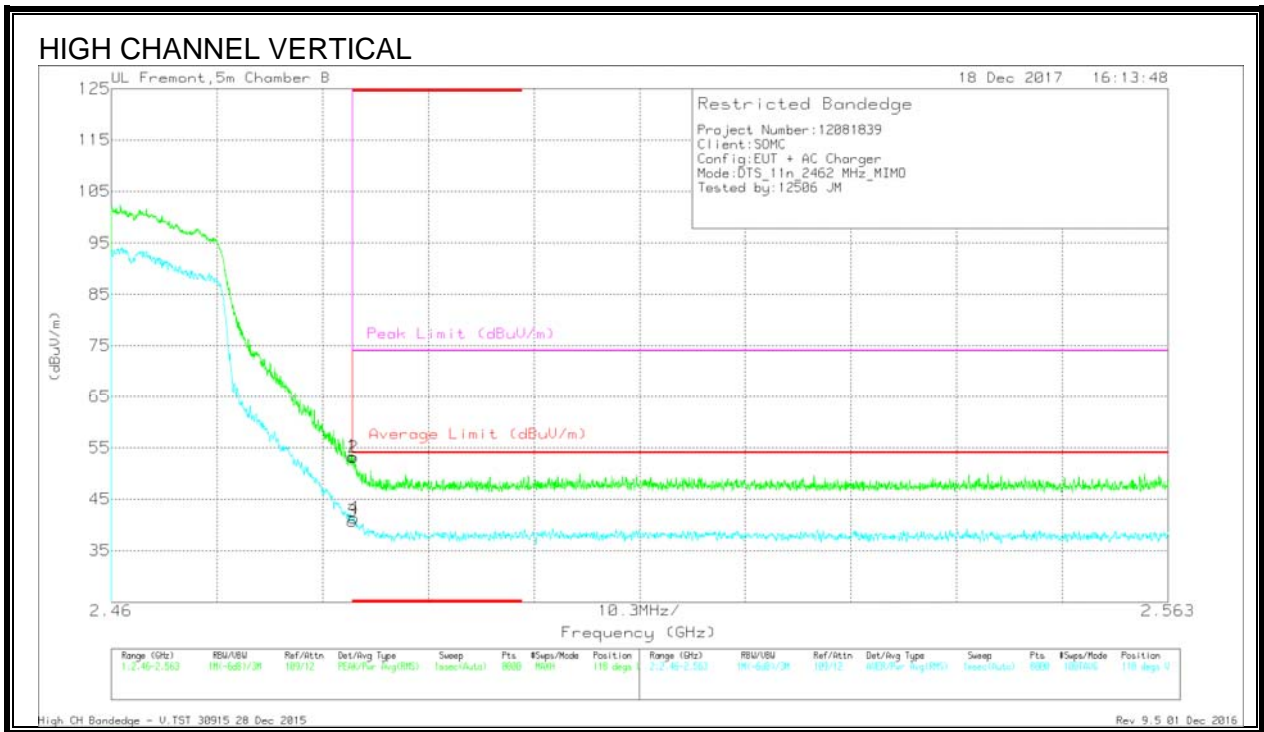
AUTHORIZED BANDEGE (HIGH CHANNEL, CH 11)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Af T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.64	PK	32.5	-21.3	0	51.84	-	-	74	-22.16	184	108	H
2	* 2.484	40.94	PK	32.5	-21.3	0	52.14	-	-	74	-21.86	184	108	H
3	* 2.484	29.58	RMS	32.5	-21.3	.13	40.91	54	-13.09	-	-	184	108	H
4	* 2.484	29.1	RMS	32.5	-21.3	.13	40.43	54	-13.57	-	-	184	108	H

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



Trace Markers

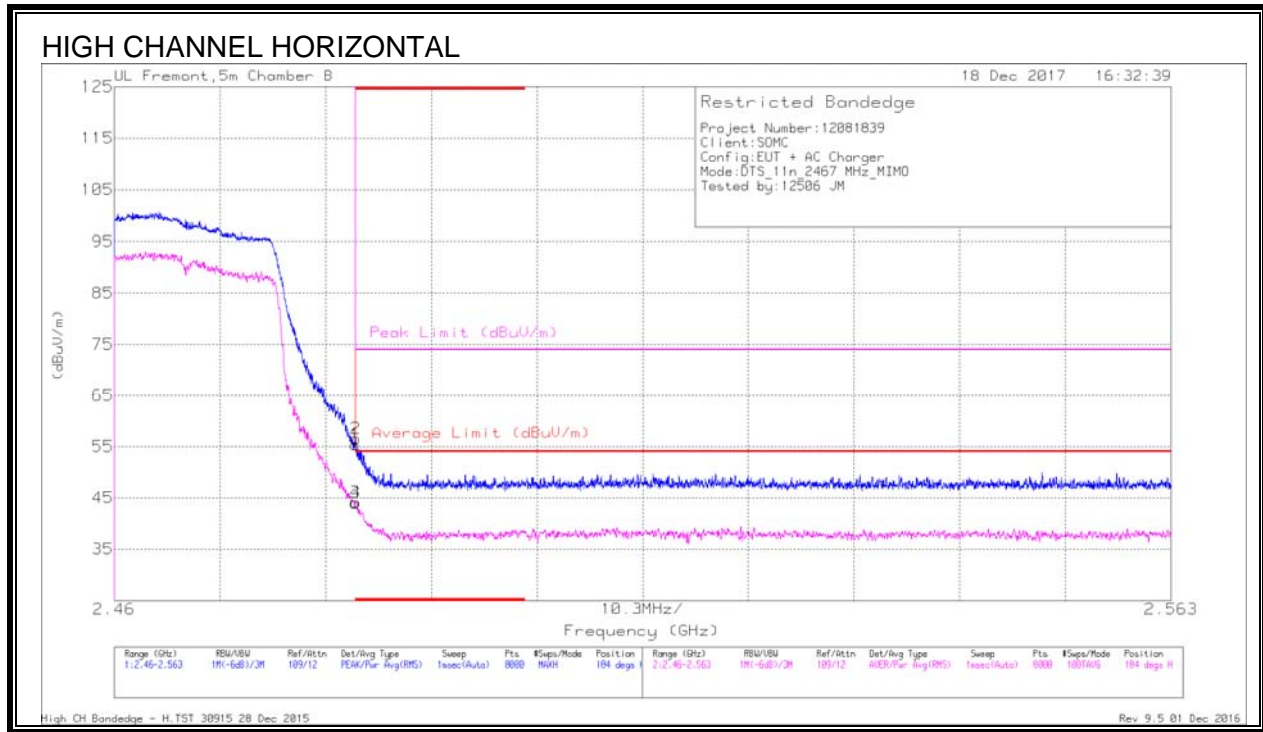
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.1	PK	32.5	-21.3	0	53.3	-	-	74	-20.7	118	140	V
2	* 2.484	41.93	PK	32.5	-21.3	0	53.13	-	-	74	-20.87	118	140	V
3	* 2.484	29.35	RMS	32.5	-21.3	.13	40.68	54	-13.32	-	-	118	140	V
4	* 2.484	29.96	RMS	32.5	-21.3	.13	41.29	54	-12.71	-	-	118	140	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)



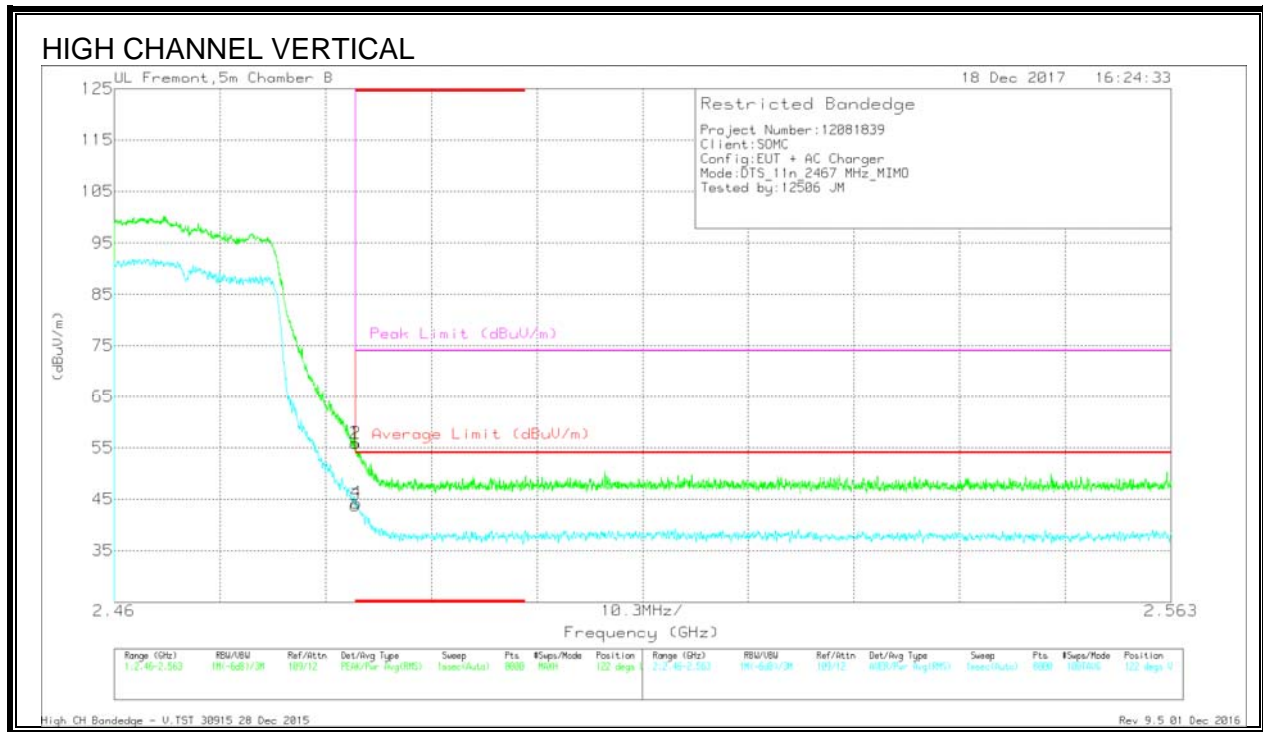
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Af T862 (dB/m)	Amp/Ch/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.17	Pk	32.5	-21.3	0	55.37	-	-	74	-18.63	184	110	H
2	* 2.484	45.32	Pk	32.5	-21.3	0	56.52	-	-	74	-17.48	184	110	H
3	* 2.484	32.71	RMS	32.5	-21.3	.13	44.04	54	-9.96	-	-	184	110	H
4	* 2.484	32.73	RMS	32.5	-21.3	.13	44.06	54	-9.94	-	-	184	110	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

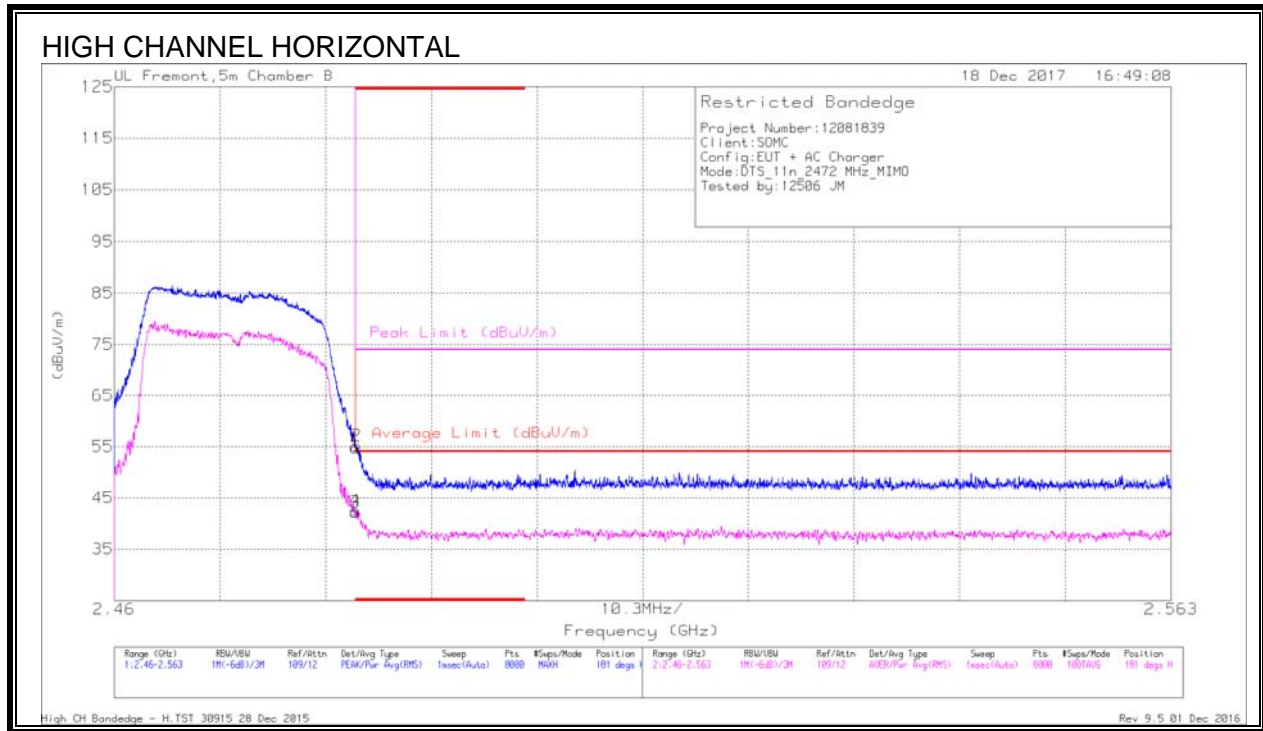
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.65	Pk	32.5	-21.3	0	55.85	-	-	74	-18.15	122	142	V
2	* 2.484	44.65	Pk	32.5	-21.3	0	55.85	-	-	74	-18.15	122	142	V
3	* 2.484	32.46	RMS	32.5	-21.3	.13	43.79	54	-10.21	-	-	122	142	V
4	* 2.484	32.93	RMS	32.5	-21.3	.13	44.26	54	-9.74	-	-	122	142	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 13)



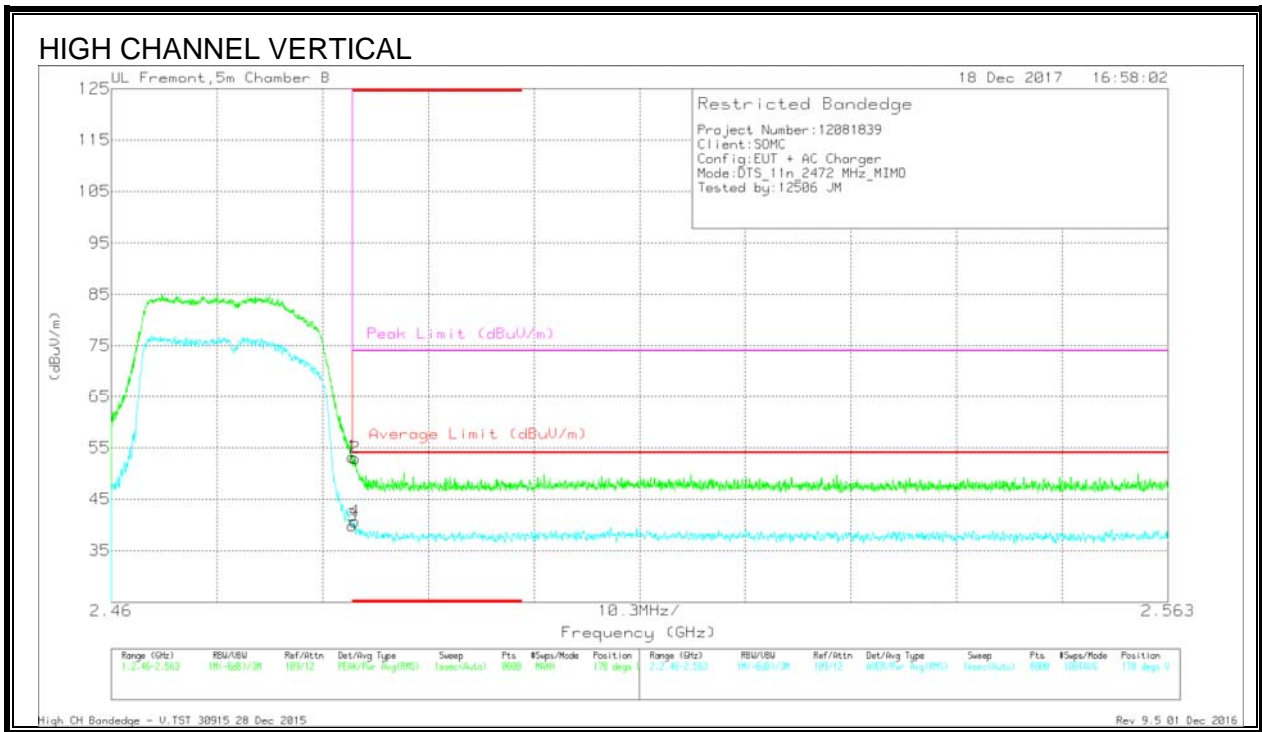
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.54	Pk	32.5	-21.3	0	54.74	-	-	74	-19.26	181	232	H
2	* 2.484	43.92	Pk	32.5	-21.3	0	55.12	-	-	74	-18.88	181	232	H
3	* 2.484	30.82	RMS	32.5	-21.3	.13	42.15	54	-11.85	-	-	181	232	H
4	* 2.484	31.16	RMS	32.5	-21.3	.13	42.49	54	-11.51	-	-	181	232	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

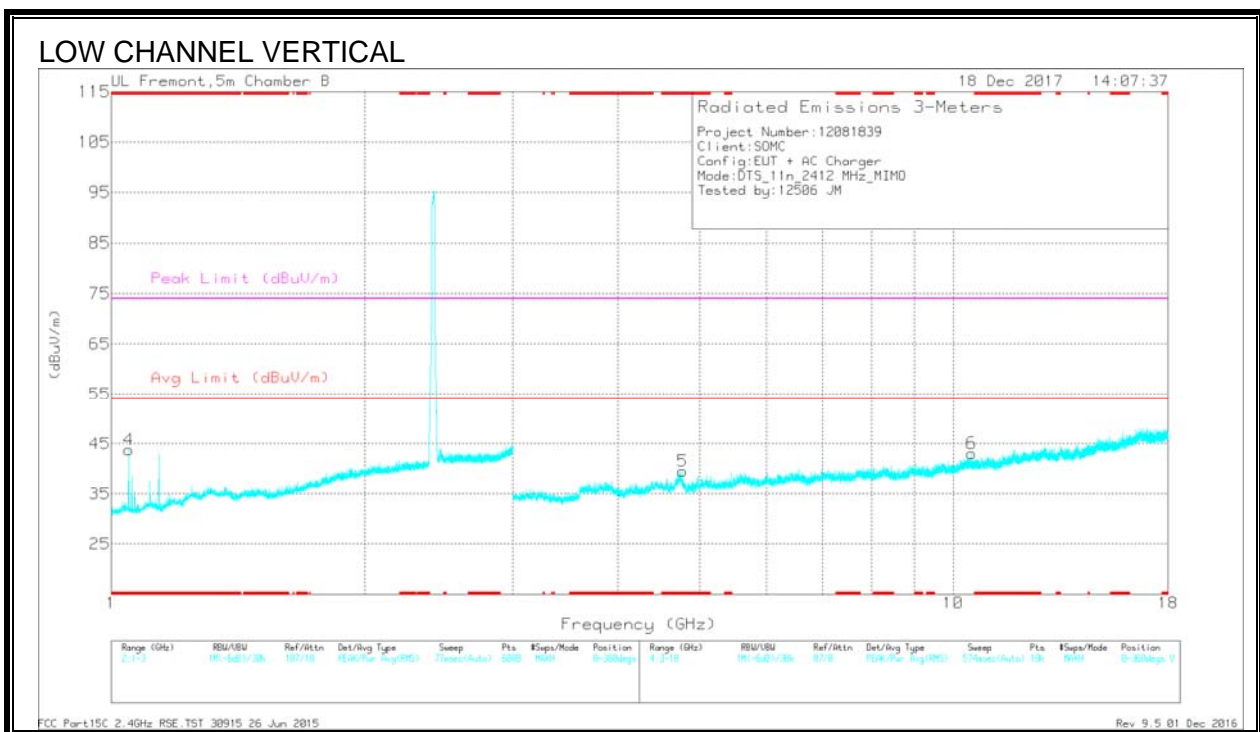
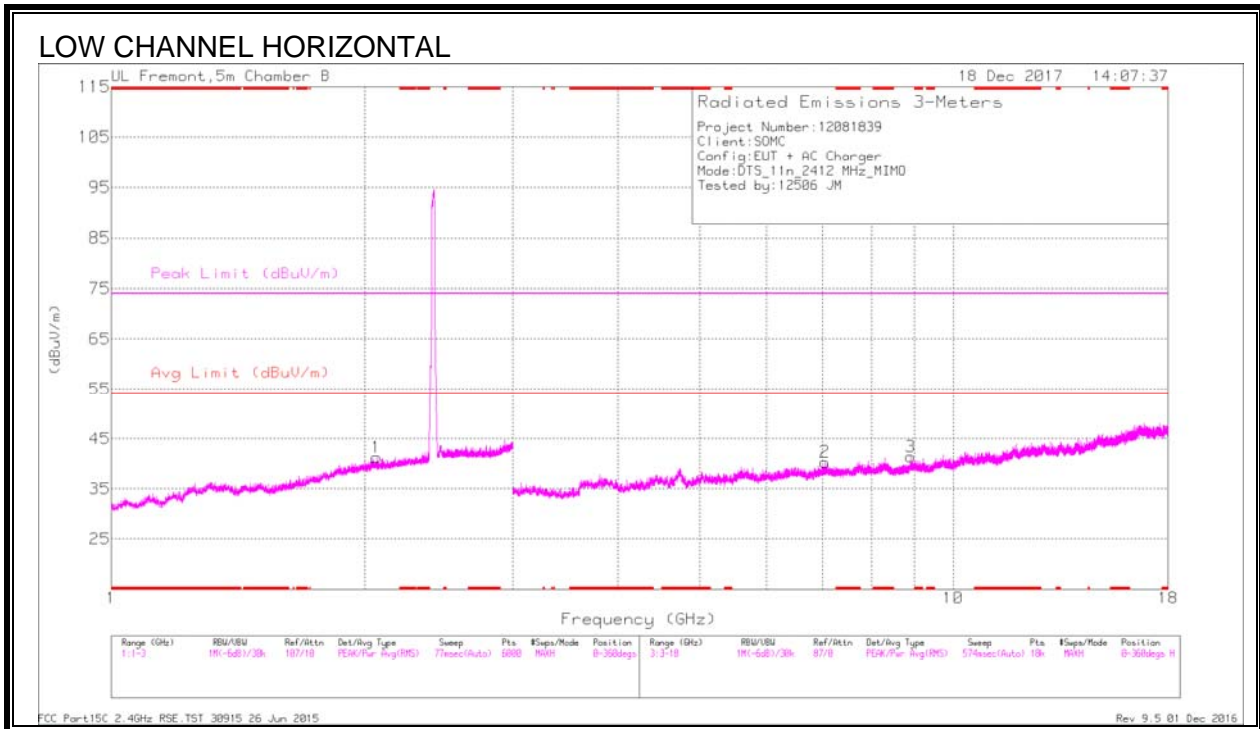
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.99	PK	32.5	-21.3	0	53.19	-	-	74	-20.81	178	237	V
2	* 2.484	41.76	PK	32.5	-21.3	0	52.96	-	-	74	-21.04	178	237	V
3	* 2.484	28.51	RMS	32.5	-21.3	.13	39.84	54	-14.16	-	-	178	237	V
4	* 2.484	29.29	RMS	32.5	-21.3	.13	40.62	54	-13.38	-	-	178	237	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, CH 1)

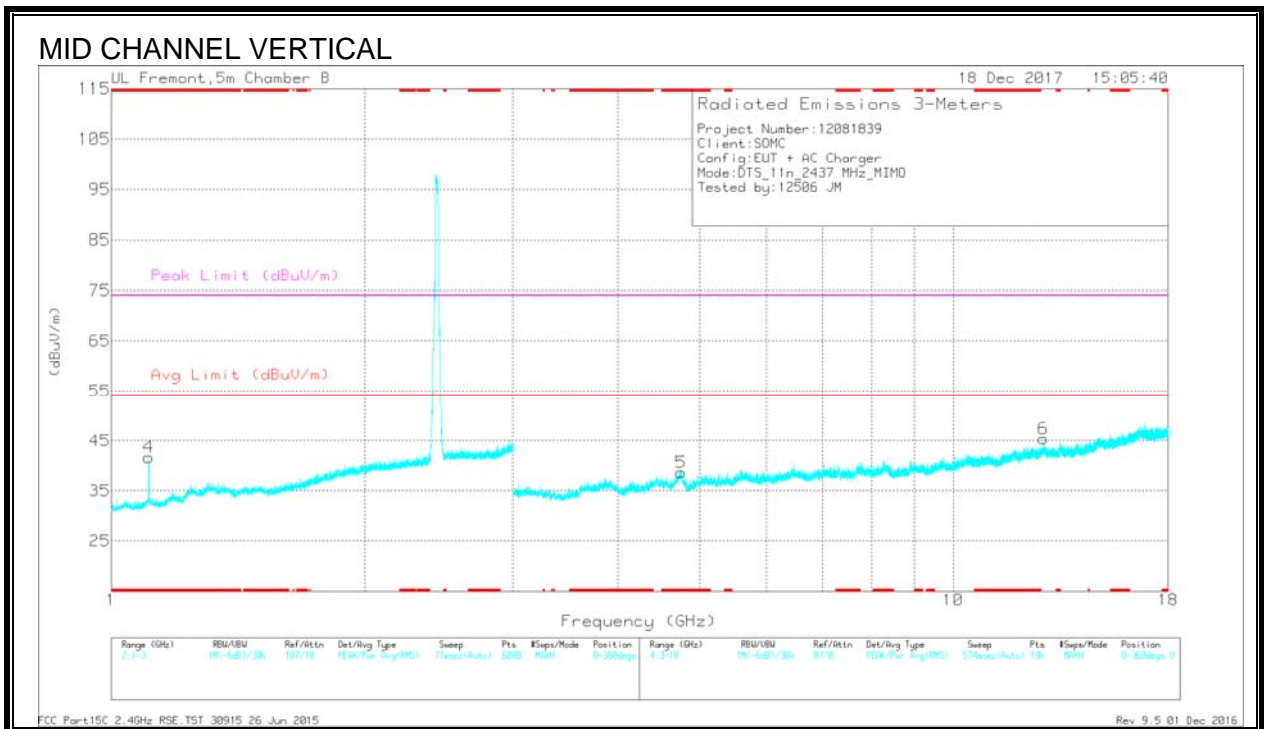
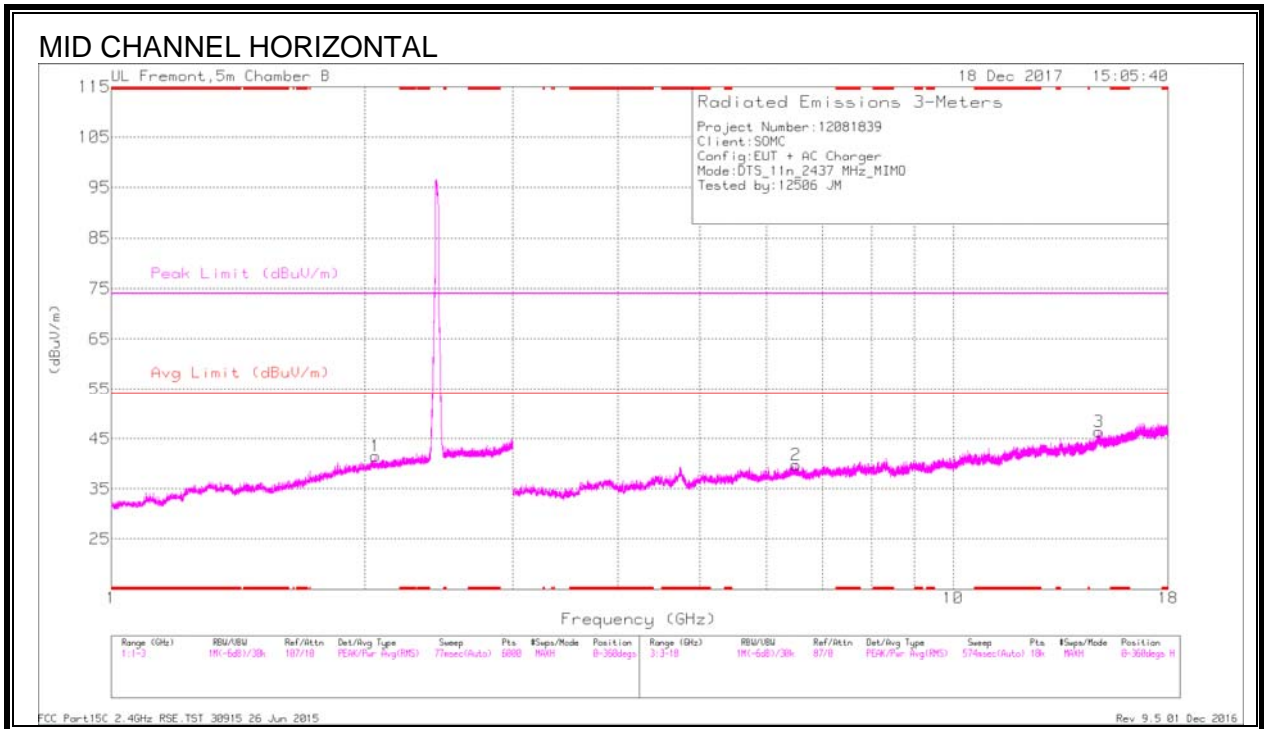


Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.05	35.65	PK2	27	-23	0	39.65	-	-	74	-34.35	344	190	V
	* 1.047	23.31	MAv1	27	-23.2	.13	27.24	54	-26.76	-	-	344	190	V
5	* 4.776	40.44	PK2	34.3	-29.6	0	45.14	-	-	74	-28.86	175	159	V
	* 4.777	28.2	MAv1	34.3	-29.6	.13	33.03	54	-20.97	-	-	175	159	V
1	2.067	35.55	PK2	31.4	-21.2	0	45.75	-	-	-	-	165	181	H
2	7.044	38.56	PK2	35.9	-28.7	0	45.76	-	-	-	-	170	217	H
3	8.896	36	PK2	36.2	-25.5	0	46.7	-	-	-	-	198	231	H
6	10.519	34.55	PK2	37.6	-24.7	0	47.45	-	-	-	-	192	222	V

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

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, CH 6)



Radiated Emissions

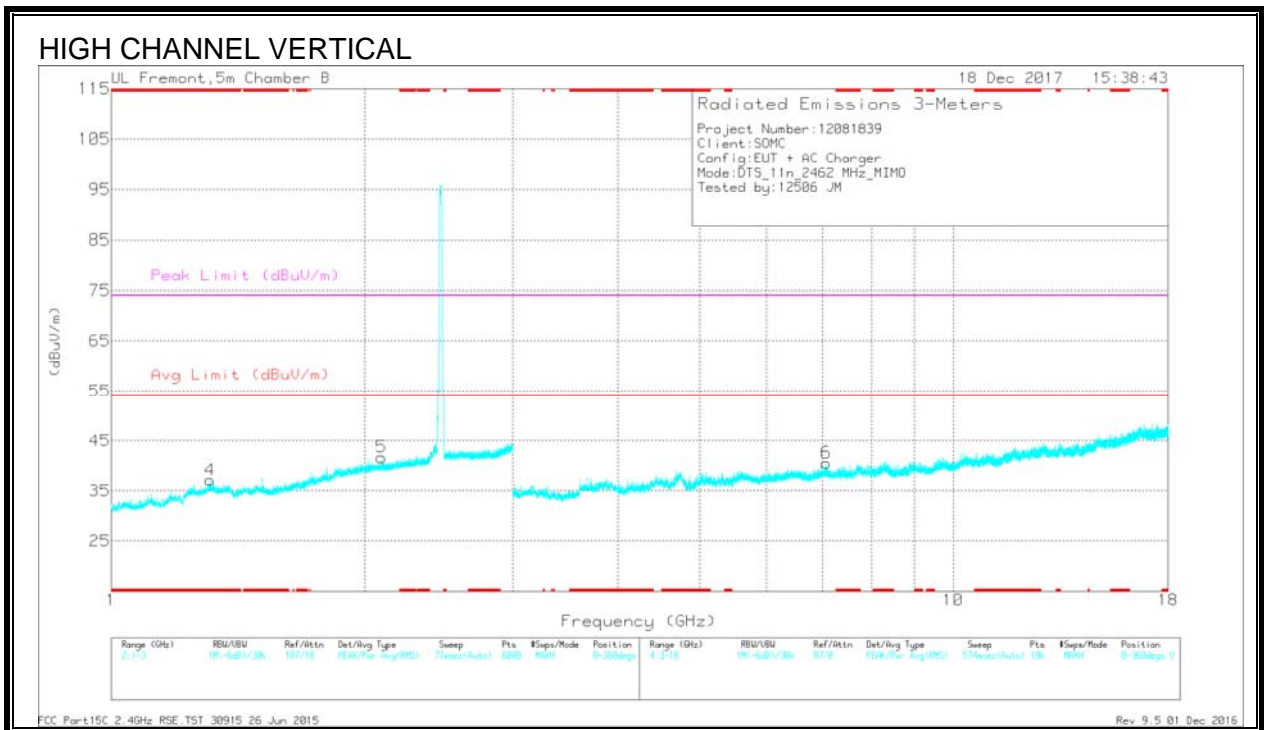
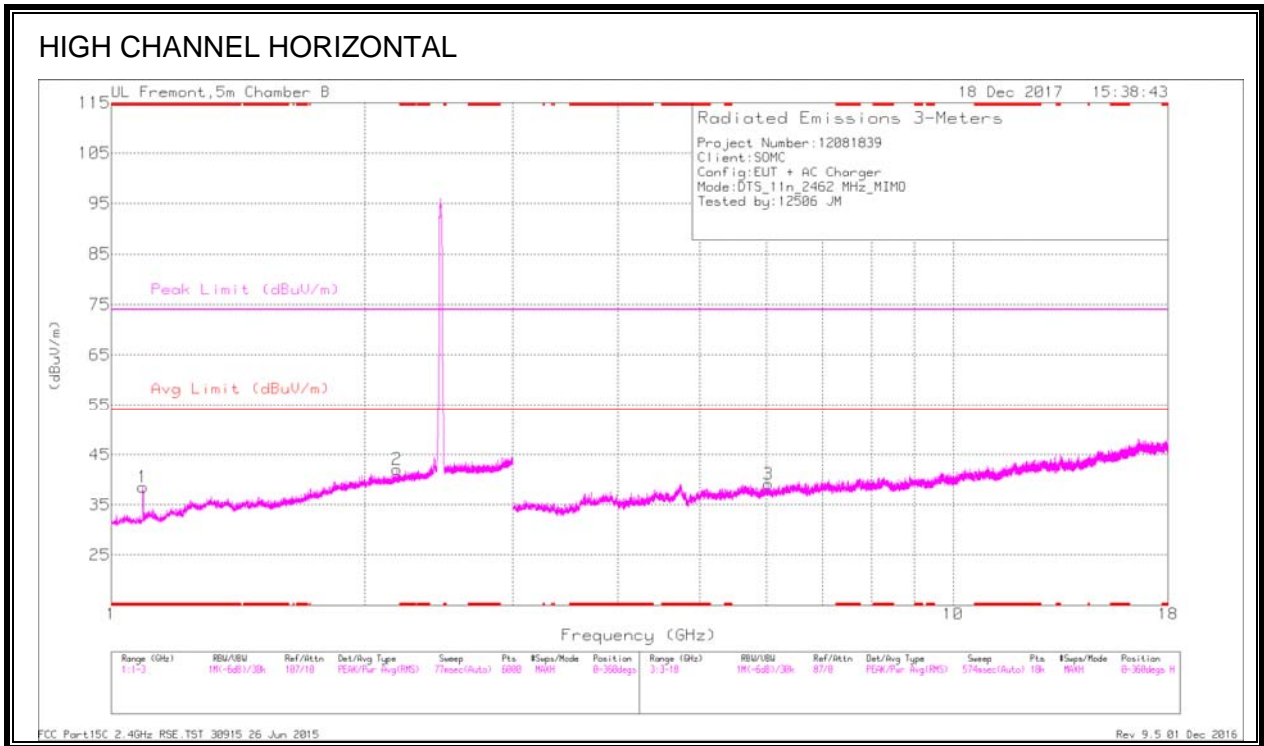
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.108	35.36	PK2	27.6	-22.8	0	40.16	-	-	74	-33.84	302	326	V
	* 1.108	23.29	MAv1	27.6	-22.8	.13	28.22	54	-25.78	-	-	302	326	V
5	* 4.753	40.32	PK2	34.2	-29.3	0	45.22	-	-	74	-28.78	5	173	V
	* 4.751	28.55	MAv1	34.2	-29.3	.13	33.58	54	-20.42	-	-	5	173	V
1	2.061	35.9	PK2	31.4	-21.2	0	46.1	-	-	-	-	351	173	H
2	6.503	38.49	PK2	35.7	-28.9	0	45.29	-	-	-	-	337	185	H
6	12.799	34.01	PK2	39.4	-23.6	0	49.81	-	-	-	-	344	208	V
3	14.901	34.31	PK2	40.6	-23	0	51.91	-	-	-	-	340	191	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, CH 11)



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.093	34.72	PK2	27.6	-23.1	0	39.22	-	-	74	-34.78	162	214	H
	* 1.093	22.86	MAv1	27.6	-23.1	.13	27.49	54	-26.51	-	-	162	214	H
4	* 1.309	36.13	PK2	28.9	-21.9	0	43.13	-	-	74	-30.87	270	214	V
	* 1.311	23.7	MAv1	28.9	-21.8	.13	30.93	54	-23.07	-	-	270	214	V
5	2.097	36.15	PK2	31.4	-21.2	0	46.35	-	-	-	-	286	141	V
2	2.185	36.25	PK2	31.5	-21.3	0	46.45	-	-	-	-	274	185	H
3	6.035	39.09	PK2	35.4	-30	0	44.49	-	-	-	-	291	175	H
6	7.063	38.36	PK2	35.9	-28.6	0	45.66	-	-	-	-	307	153	V

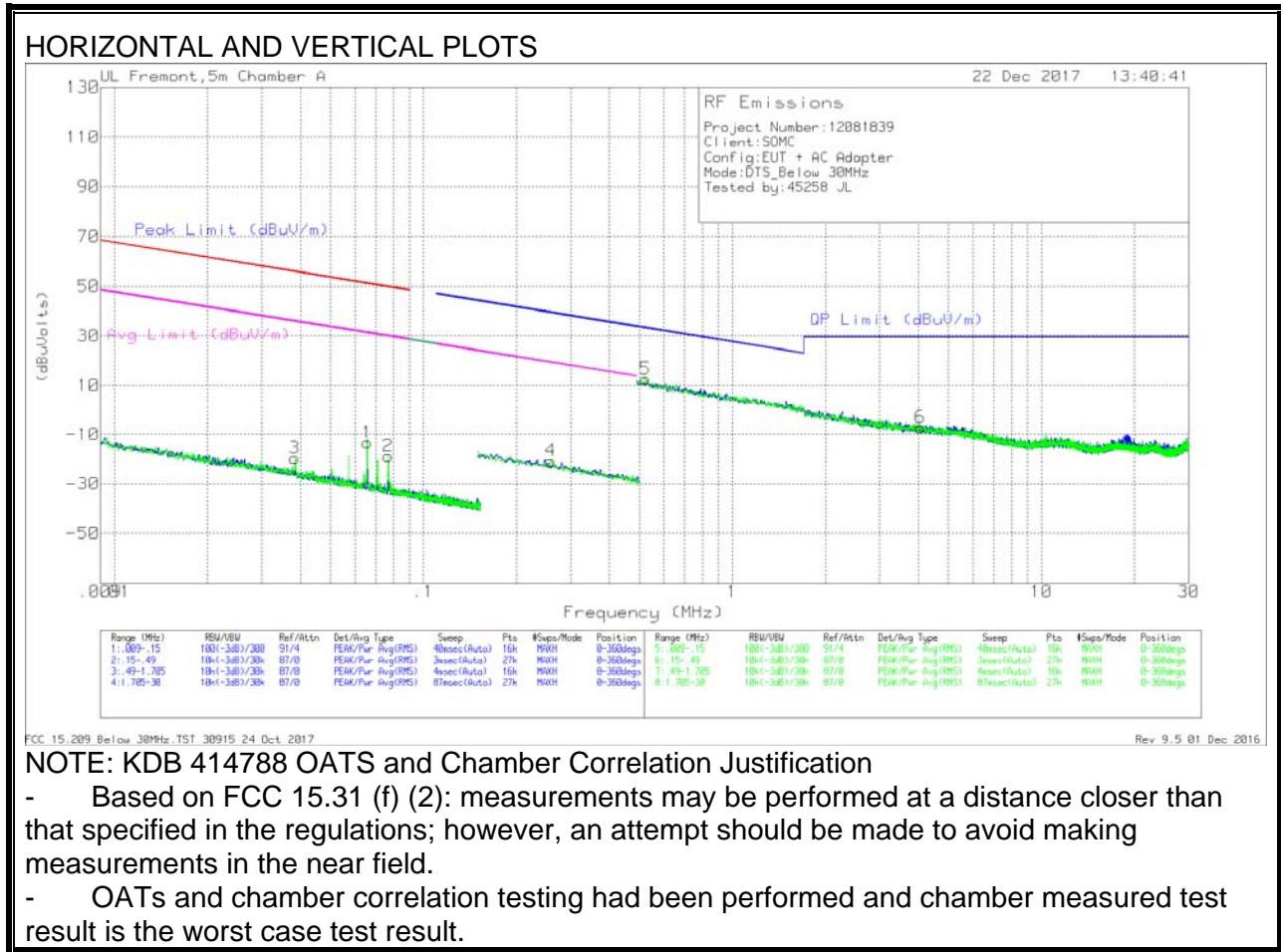
* - indicates frequency in CFR47 Pt 15 - Restricted Band

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)



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.03841	45.2	Pk	15	.1	-80	-19.7	55.9	-75.6	35.9	-55.6	-	-	-	-	0-360
1	.06585	52.19	Pk	14.3	.1	-80	-13.41	51.21	-64.62	31.21	-44.62	-	-	-	-	0-360
2	.07696	46.81	Pk	14.2	.1	-80	-18.89	49.86	-68.75	29.86	-48.75	-	-	-	-	0-360
4	.25863	45.28	Pk	13.8	.1	-80	-20.82	-	-	-	-	39.36	-60.18	19.36	-40.18	0-360

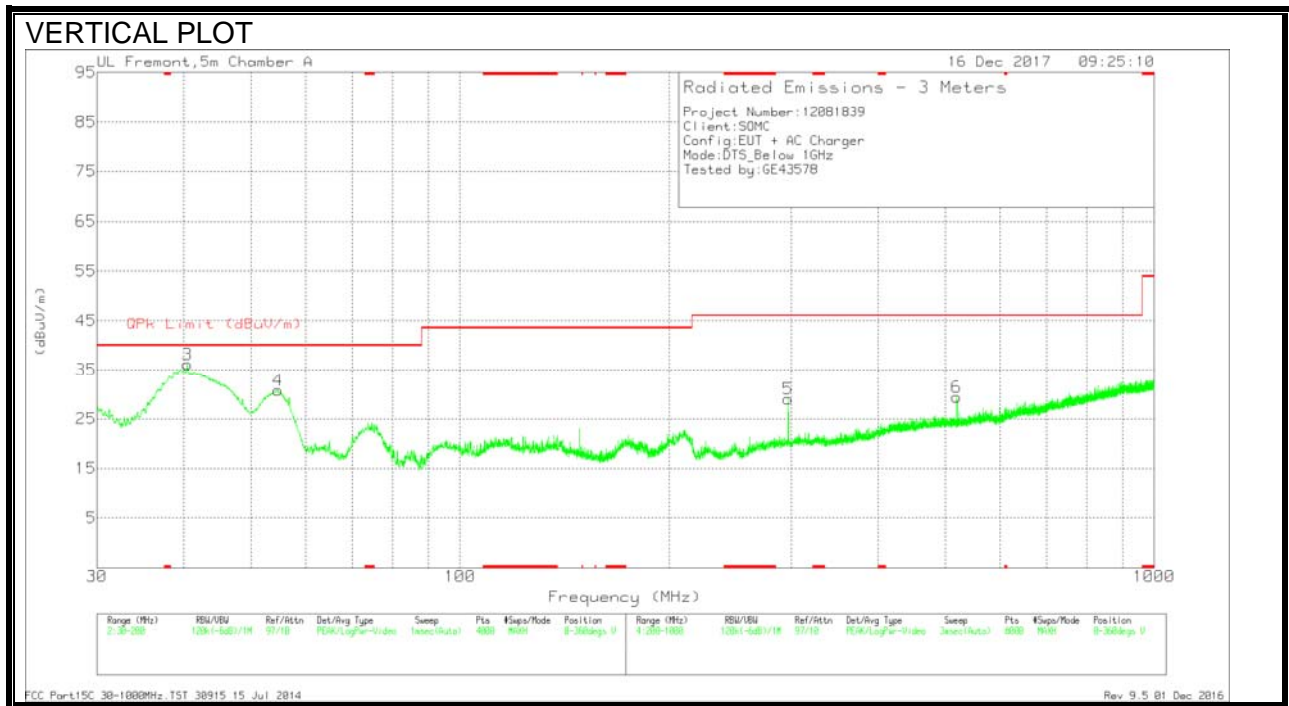
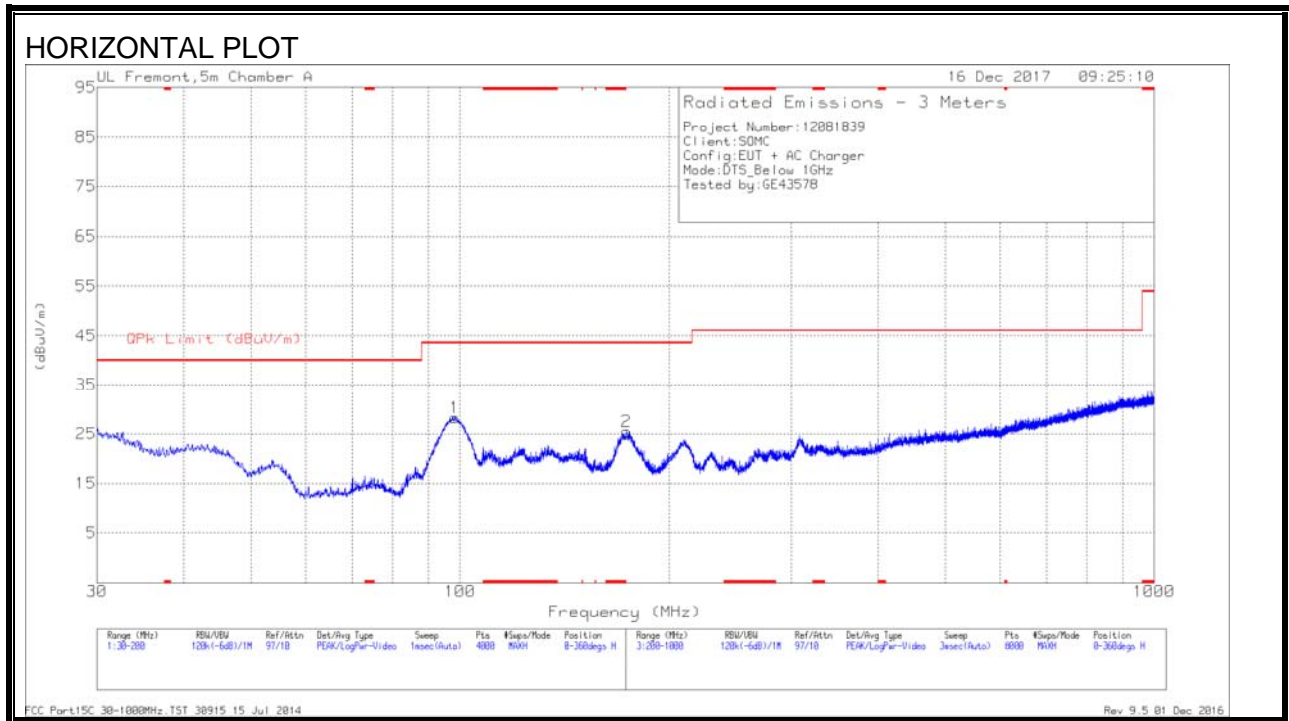
Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
5	.52306	38.48	Pk	14	.1	-40	12.58	33.23	-20.65	-	-	-	-	0-360
6	4.05252	17.9	Pk	14.5	.3	-40	-7.3	29.5	-36.8	-	-	-	-	0-360

Pk - Peak detector

10.4 WORST-CASE BELOW 1 GHz

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



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	40.5458	41.33	Qp	17.6	-27.1	31.83	40	-8.17	292	103	V
4	54.6989	46.6	Pk	11.1	-26.9	30.8	40	-9.2	0-360	100	V
1	98.2727	40.84	Pk	13.8	-26.4	28.24	43.52	-15.28	0-360	300	H
2	173.5596	35.63	Pk	15.5	-25.6	25.53	43.52	-17.99	0-360	200	H
5	297.0126	36.38	Pk	17.3	-24.6	29.08	46.02	-16.94	0-360	300	V
6	519.7416	32.96	Pk	21.7	-25.3	29.36	46.02	-16.66	0-360	300	V

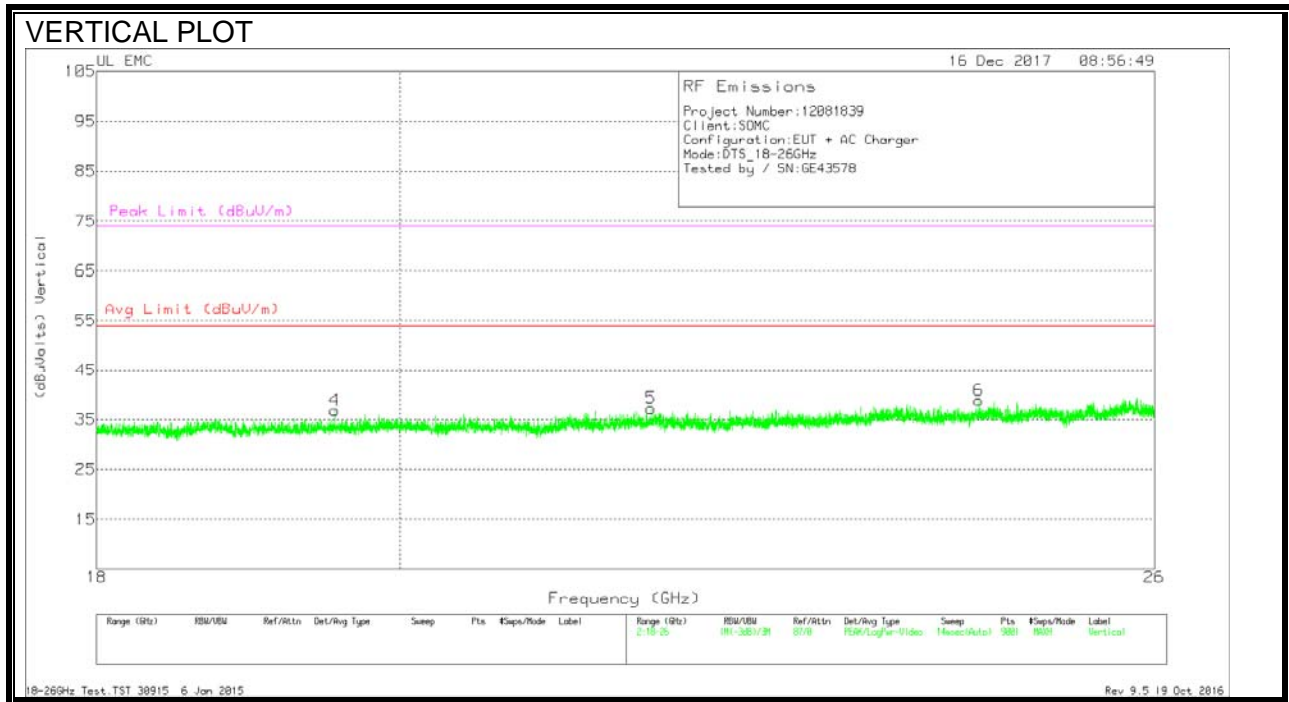
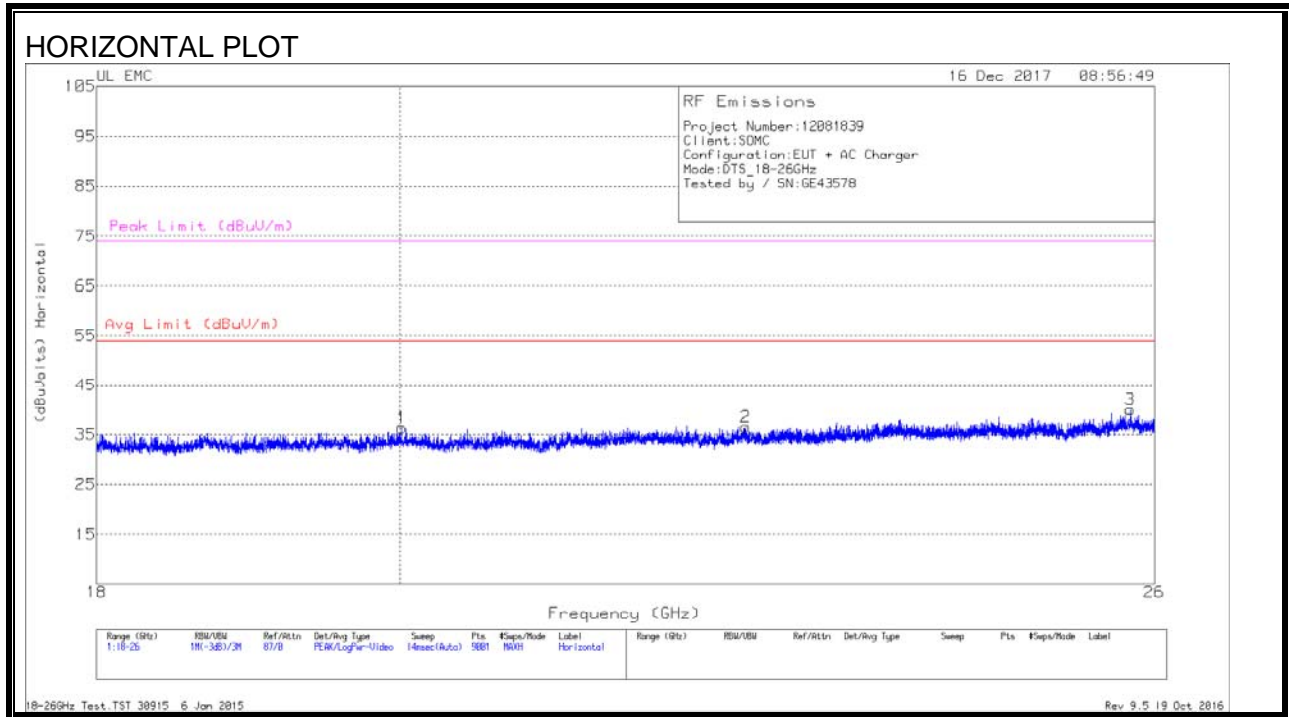
* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

Qp - Quasi-Peak detector

10.5. WORST-CASE 18 to 26 GHz

SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	20.013	38.04	Pk	33	-25.2	-9.5	36.34	54	-17.66	74	-37.66
2	22.557	37.51	Pk	33.3	-24.8	-9.5	36.51	54	-17.49	74	-37.49
3	25.784	40.11	Pk	34.1	-24.7	-9.5	40.01	54	-13.99	74	-33.99
4	19.554	38.94	Pk	32.5	-25.1	-9.5	36.84	54	-17.16	74	-37.16
5	21.827	38.14	Pk	33.3	-24.7	-9.5	37.24	54	-16.76	74	-36.76
6	24.46	38.73	Pk	33.9	-24.3	-9.5	38.83	54	-15.17	74	-35.17

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	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.

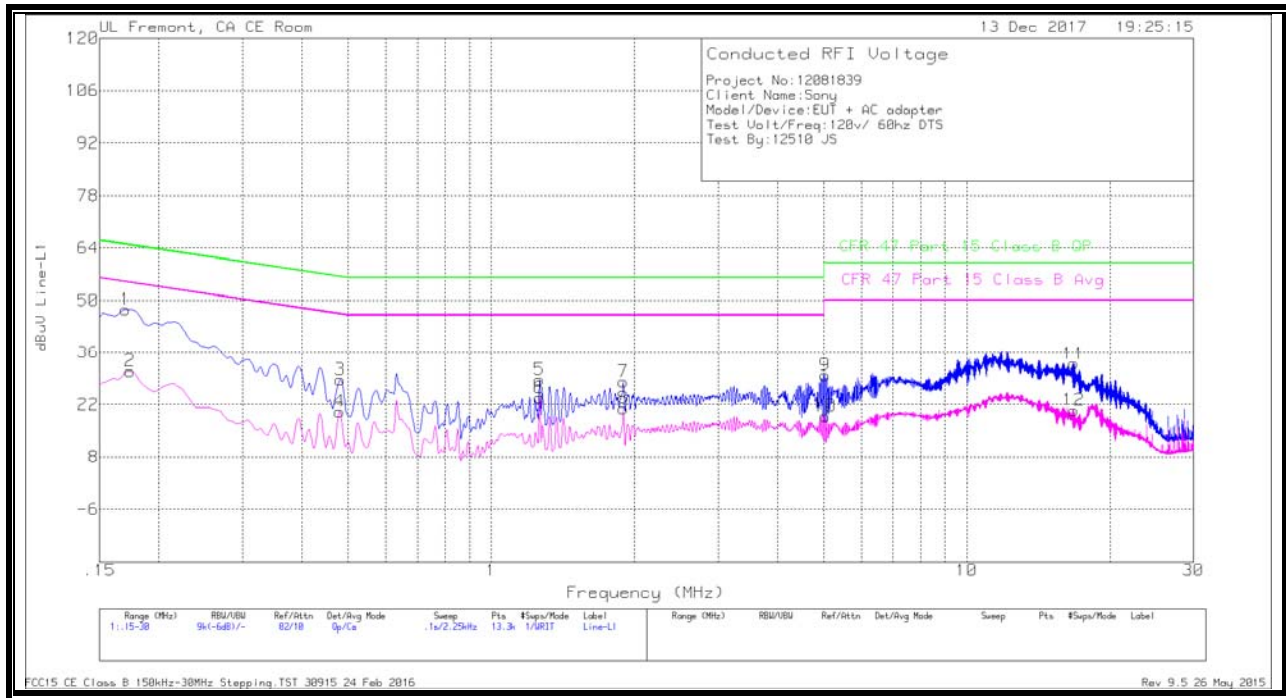
TEST PROCEDURE

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.

LINE 1 RESULTS



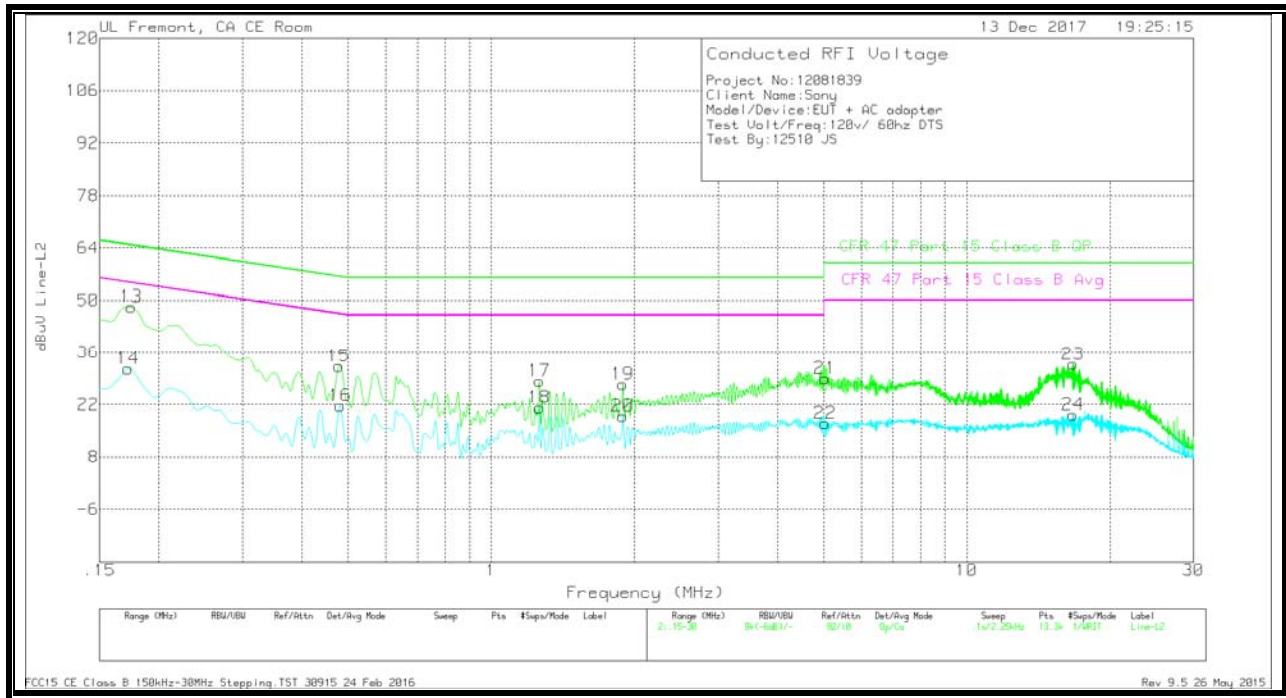
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limitter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)M argin (dB)
1	.17025	37.54	Qp	0	0	10.1	47.64	64.95	-17.31	-	-
2	.17363	20.86	Ca	0	0	10.1	30.96	-	-	54.78	-23.82
3	.48075	18.56	Qp	0	0	10.1	28.66	56.33	-27.67	-	-
4	.47962	9.93	Ca	0	0	10.1	20.03	-	-	46.35	-26.32
5	1.26375	18.41	Qp	0	.1	10.1	28.61	56	-27.39	-	-
6	1.26375	13.56	Ca	0	.1	10.1	23.76	-	-	46	-22.24
7	1.896	17.97	Qp	0	.1	10.1	28.17	56	-27.83	-	-
8	1.896	10.83	Ca	0	.1	10.1	21.03	-	-	46	-24.97
9	5.0415	19.59	Qp	0	.1	10.2	29.89	60	-30.11	-	-
10	5.03925	8.64	Ca	0	.1	10.2	18.94	-	-	50	-31.06
11	16.782	22.29	Qp	0	.3	10.3	32.89	60	-27.11	-	-
12	16.77975	9.91	Ca	0	.3	10.3	20.51	-	-	50	-29.49

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.17475	38.24	Qp	0	0	10.1	48.34	64.73	-16.39	-	-
14	.1725	21.42	Ca	0	0	10.1	31.52	-	-	54.84	-23.32
15	.4785	22.15	Qp	0	0	10.1	32.25	56.37	-24.12	-	-
16	.48075	11.49	Ca	0	0	10.1	21.59	-	-	46.33	-24.74
17	1.2615	18.11	Qp	0	.1	10.1	28.31	56	-27.69	-	-
18	1.2615	10.9	Ca	0	.1	10.1	21.1	-	-	46	-24.9
19	1.8915	17.14	Qp	0	.1	10.1	27.34	56	-28.66	-	-
20	1.8915	8.7	Ca	0	.1	10.1	18.9	-	-	46	-27.1
21	5.0325	18.74	Qp	0	.1	10.2	29.04	60	-30.96	-	-
22	5.0325	6.6	Ca	0	.1	10.2	16.9	-	-	50	-33.1
23	16.7325	22.19	Qp	0	.3	10.3	32.79	60	-27.21	-	-
24	16.73025	8.7	Ca	0	.3	10.3	19.3	-	-	50	-30.7

Qp - Quasi-Peak detector

Ca - CISPR average detection