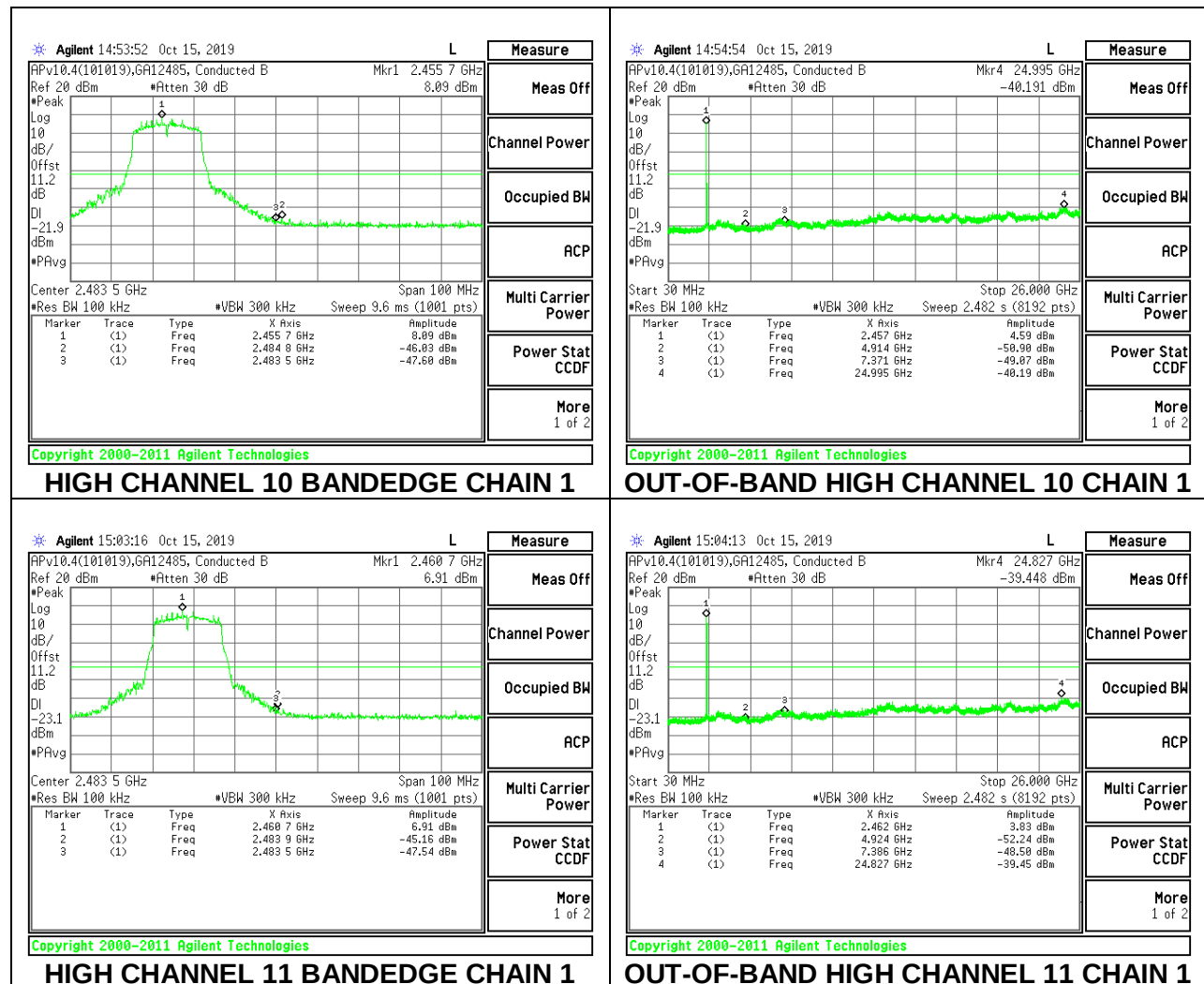
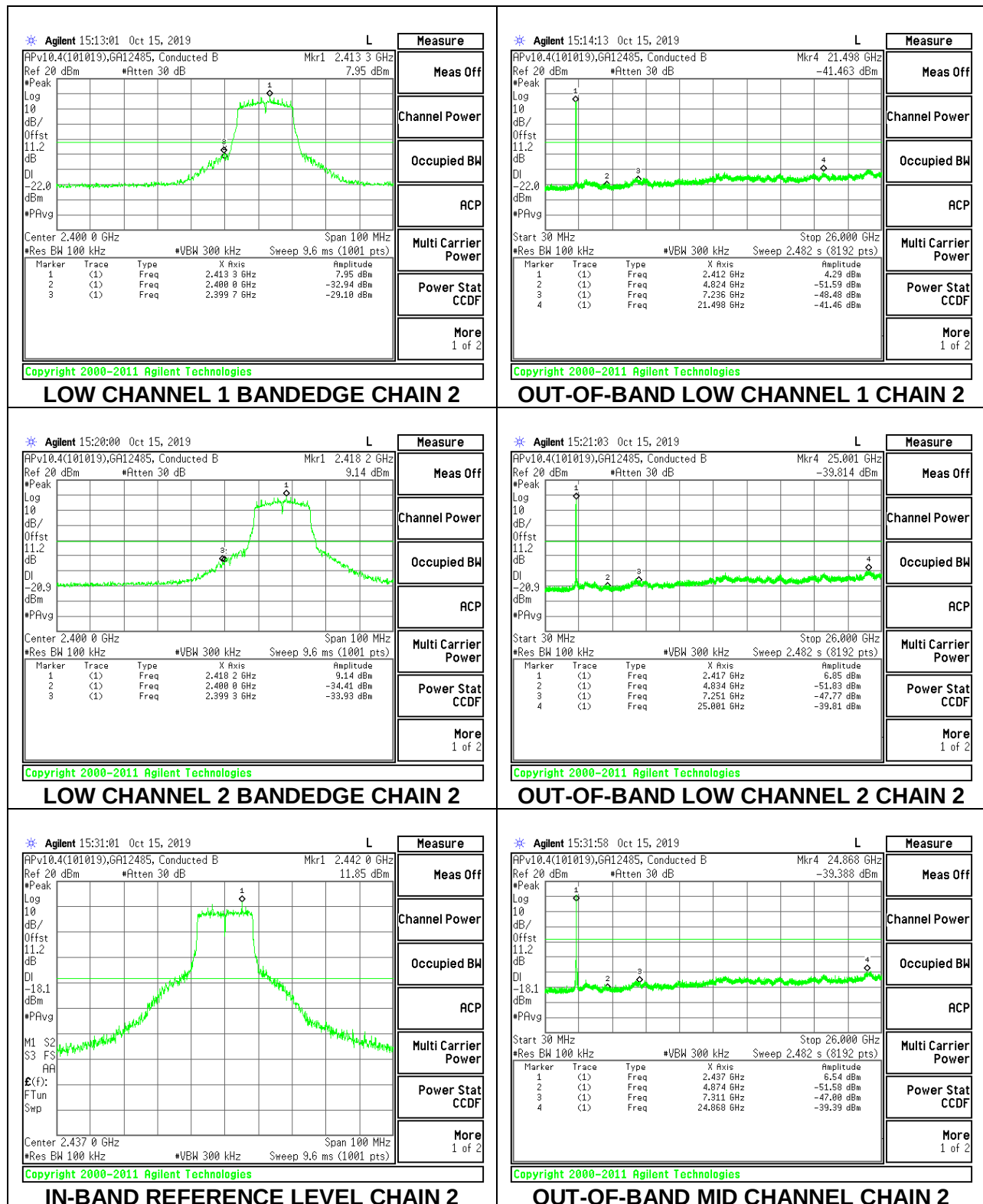
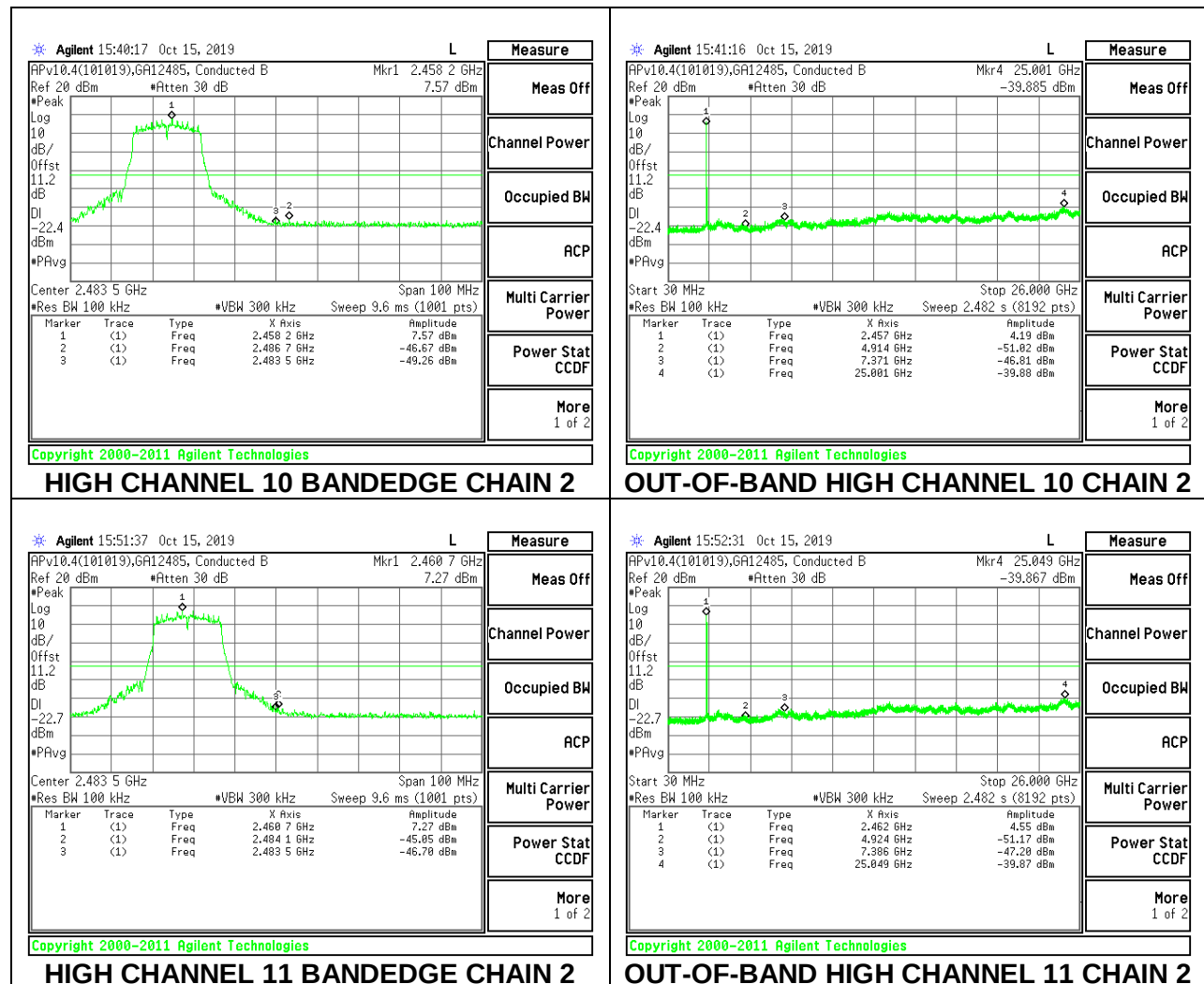
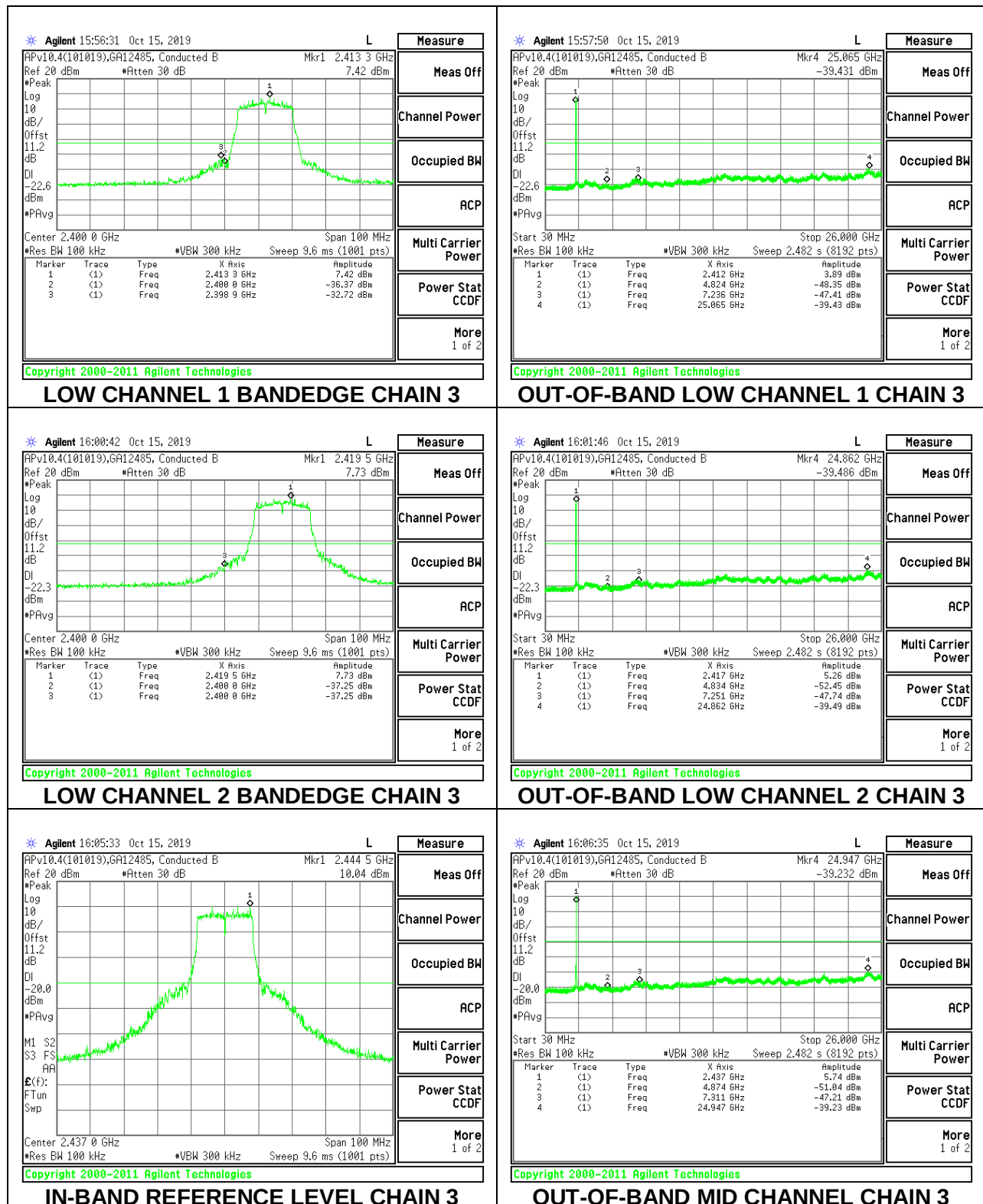
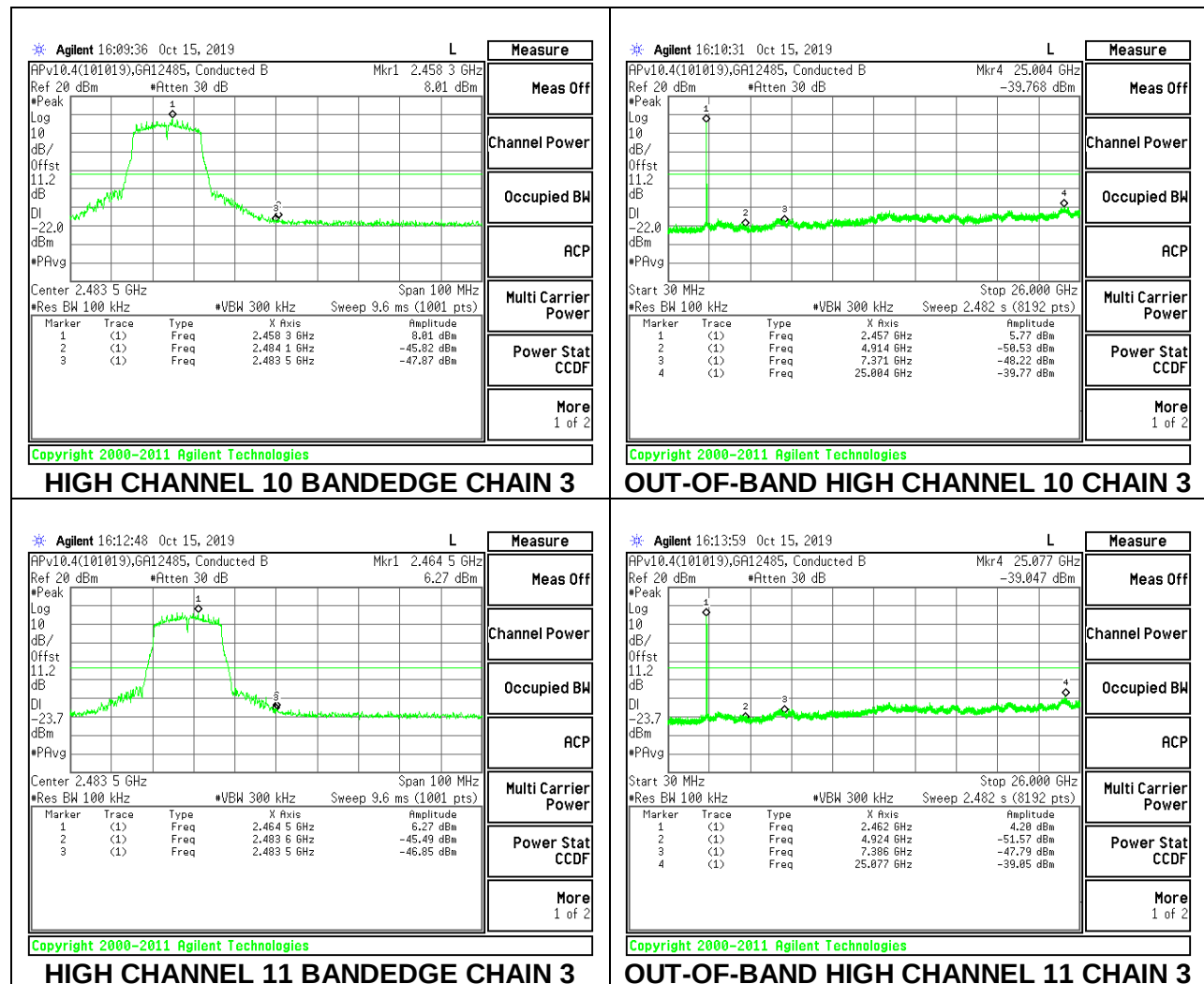






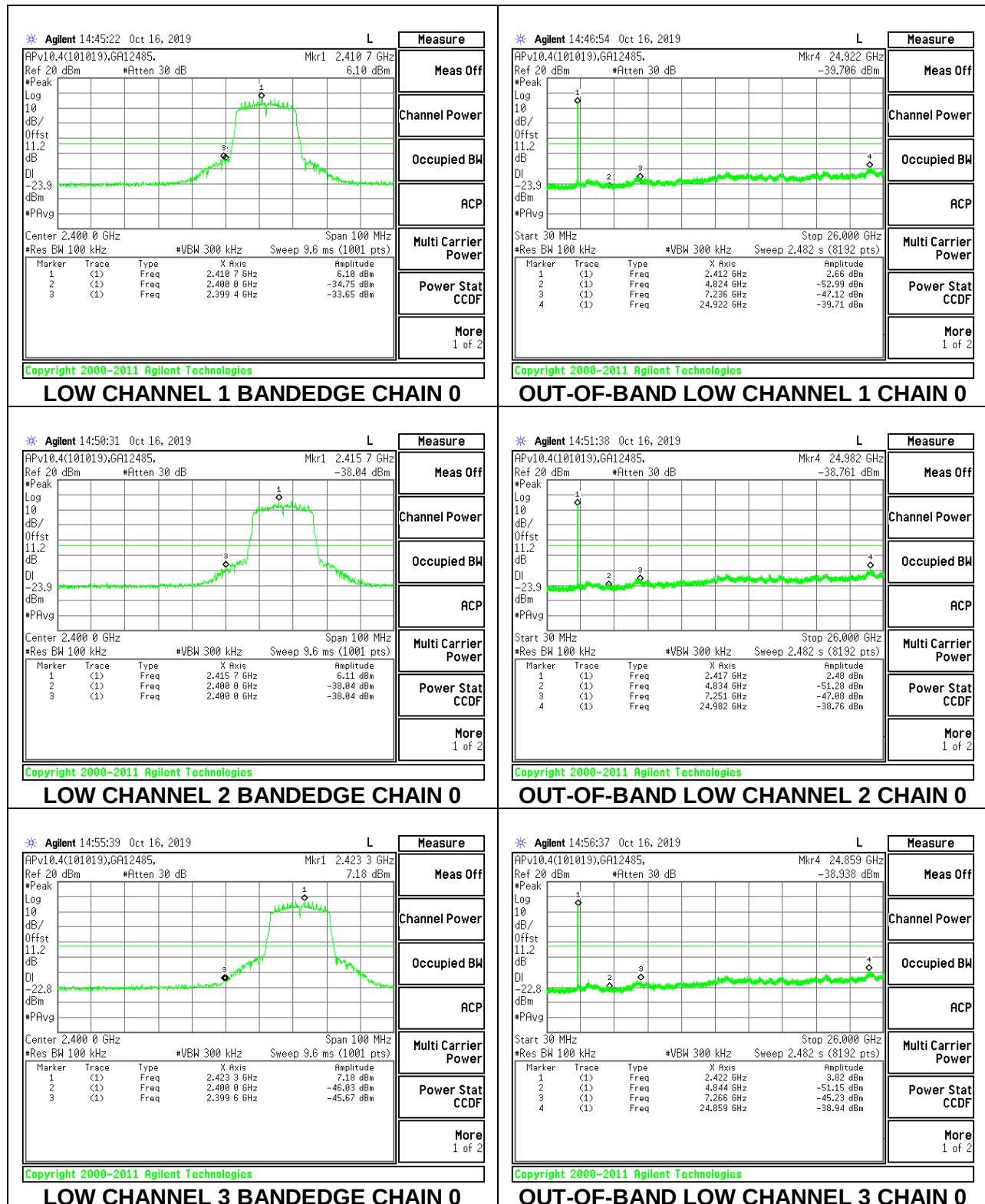


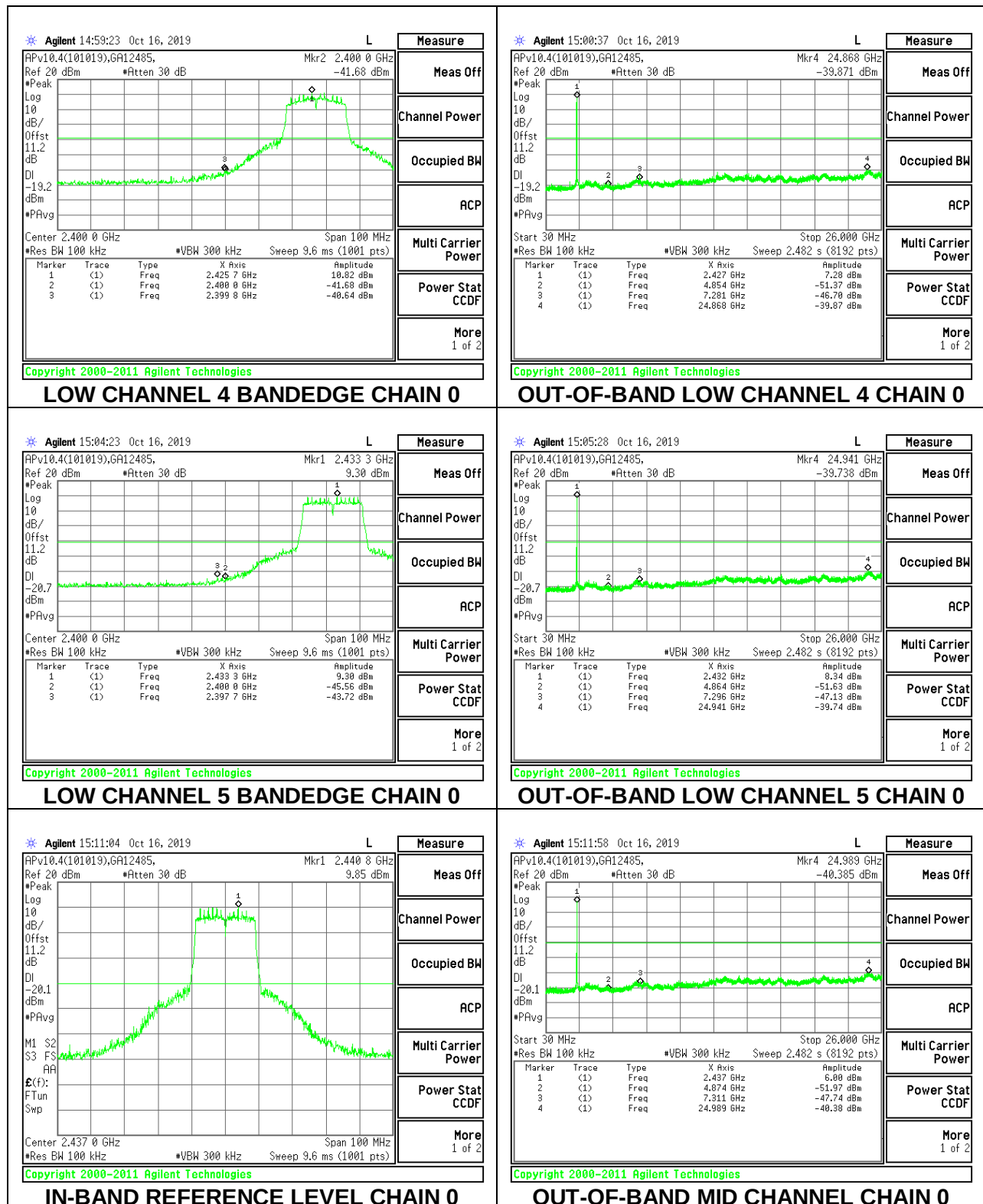


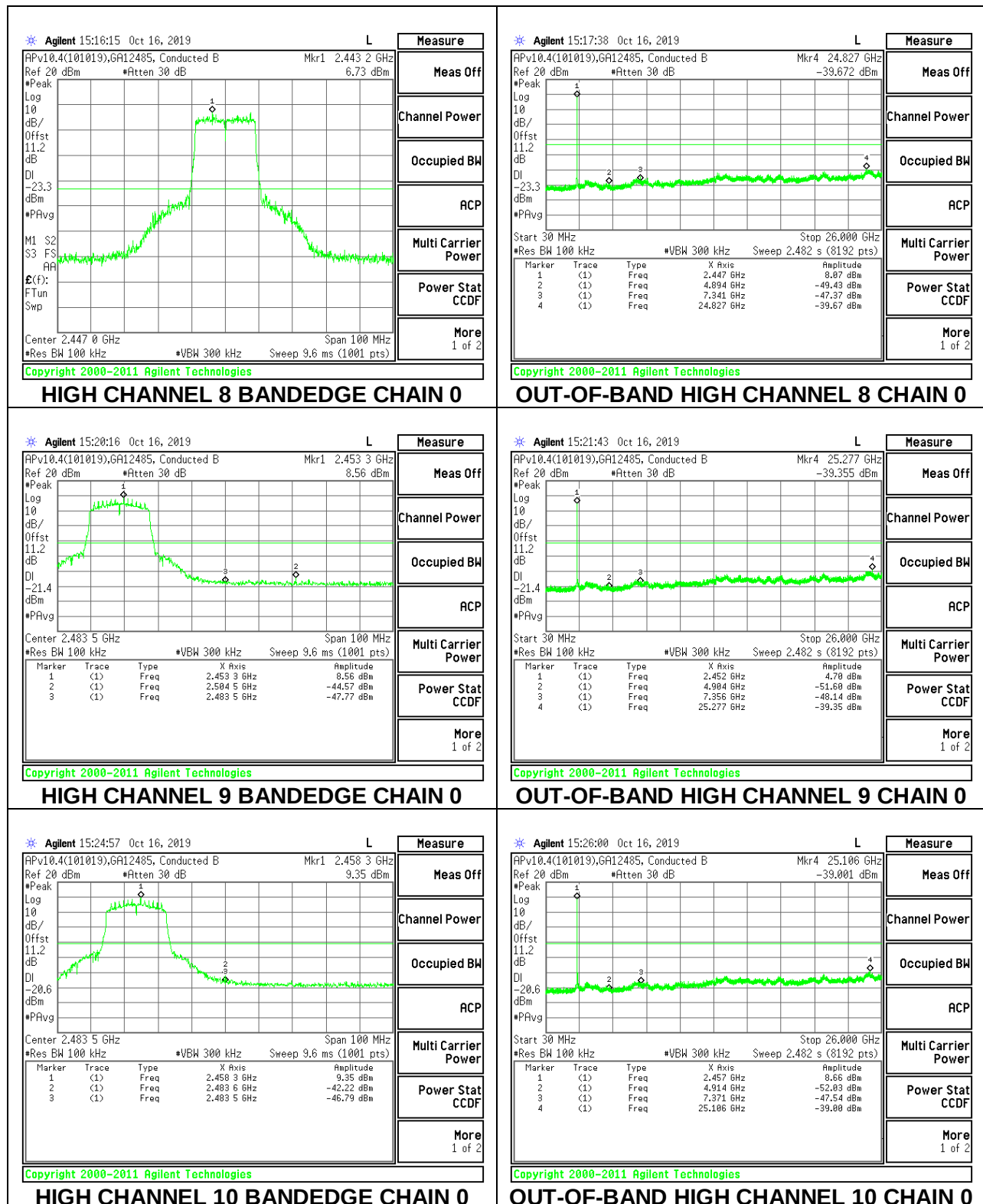


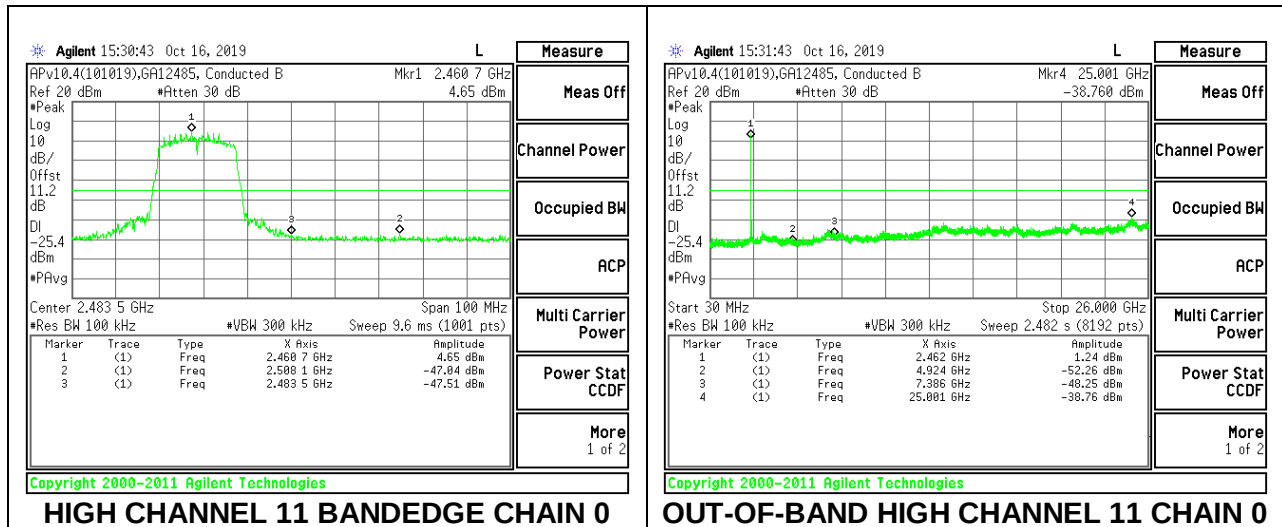
8.6.3. 802.11n HT20 MODE

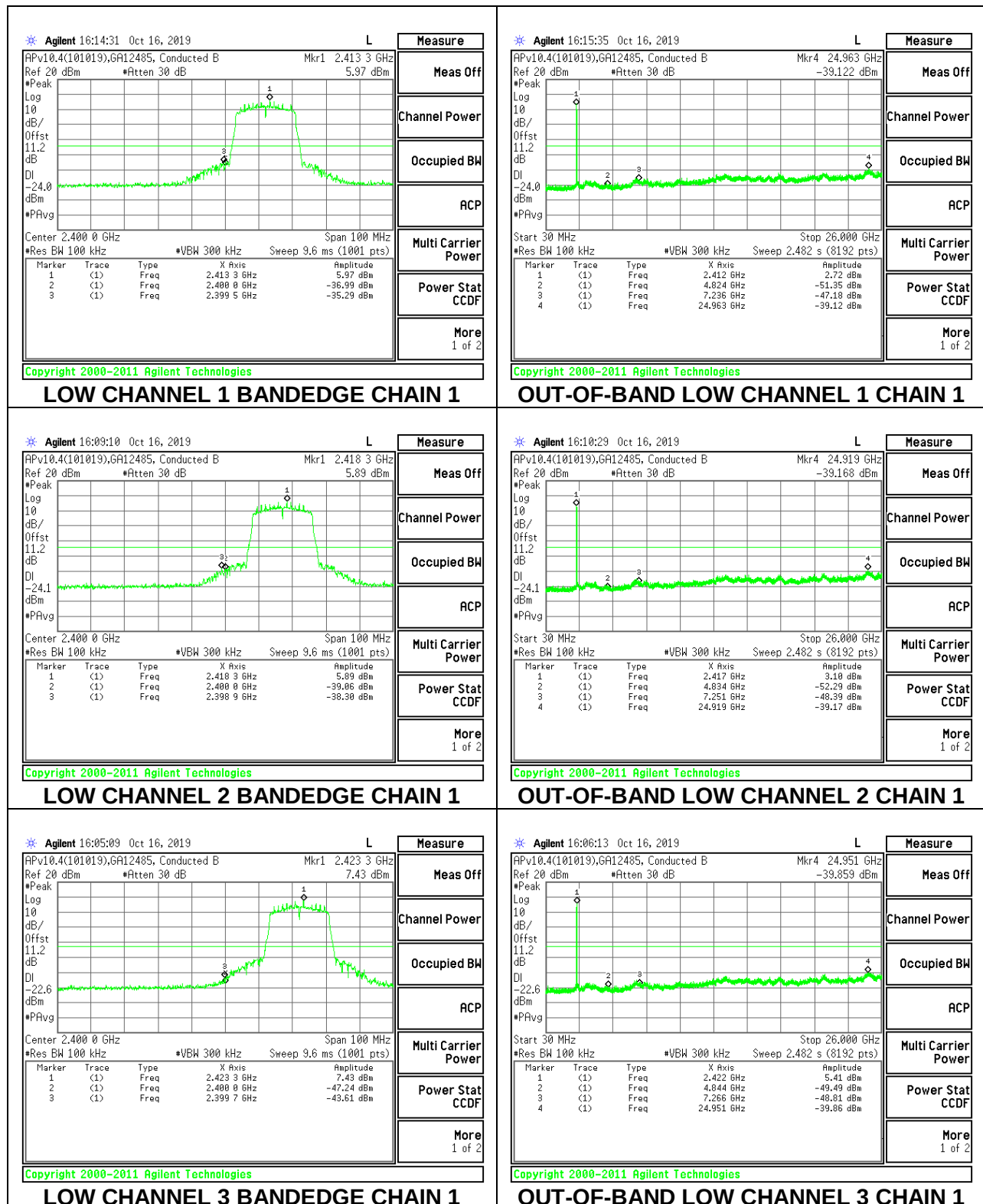
4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE

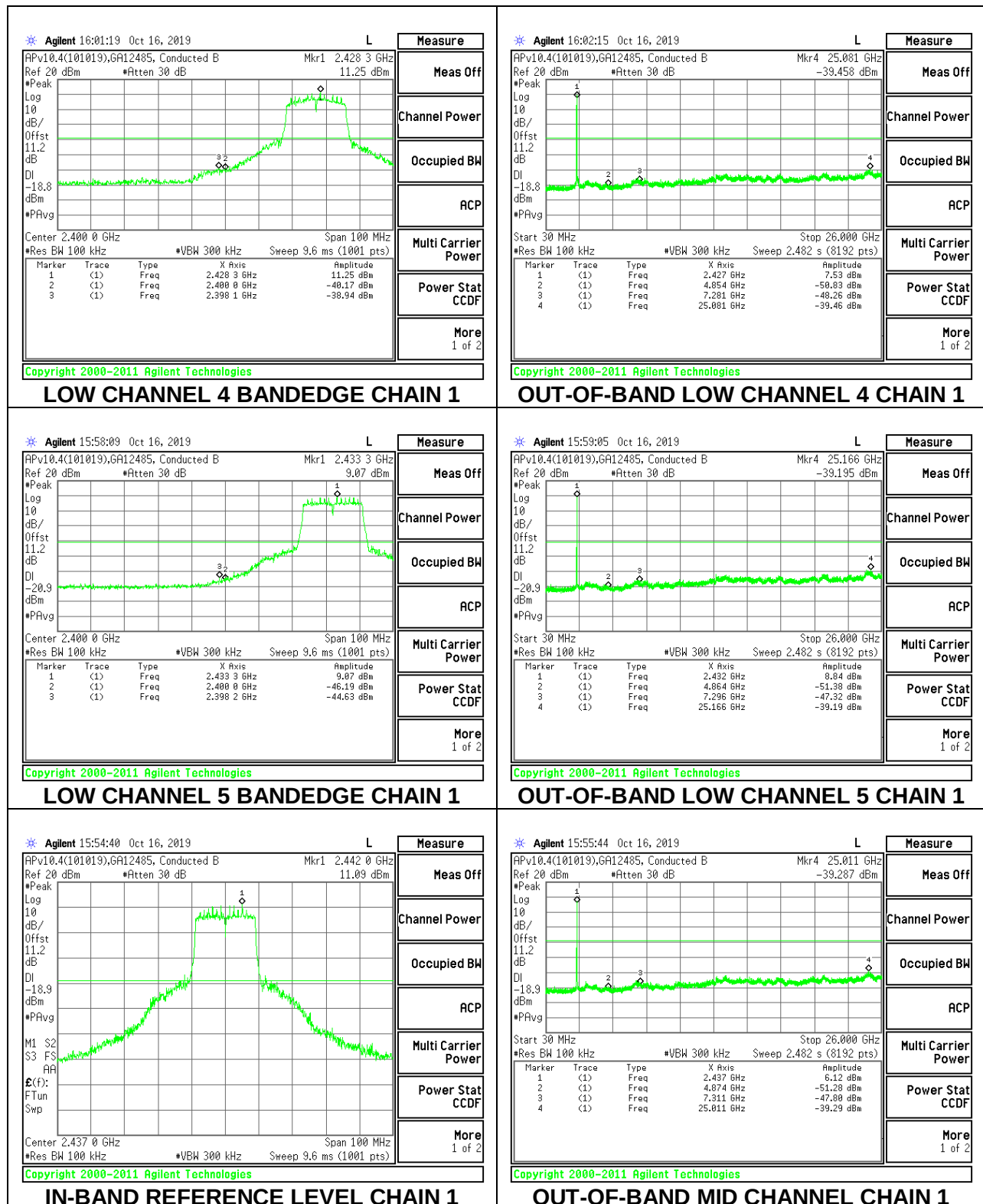


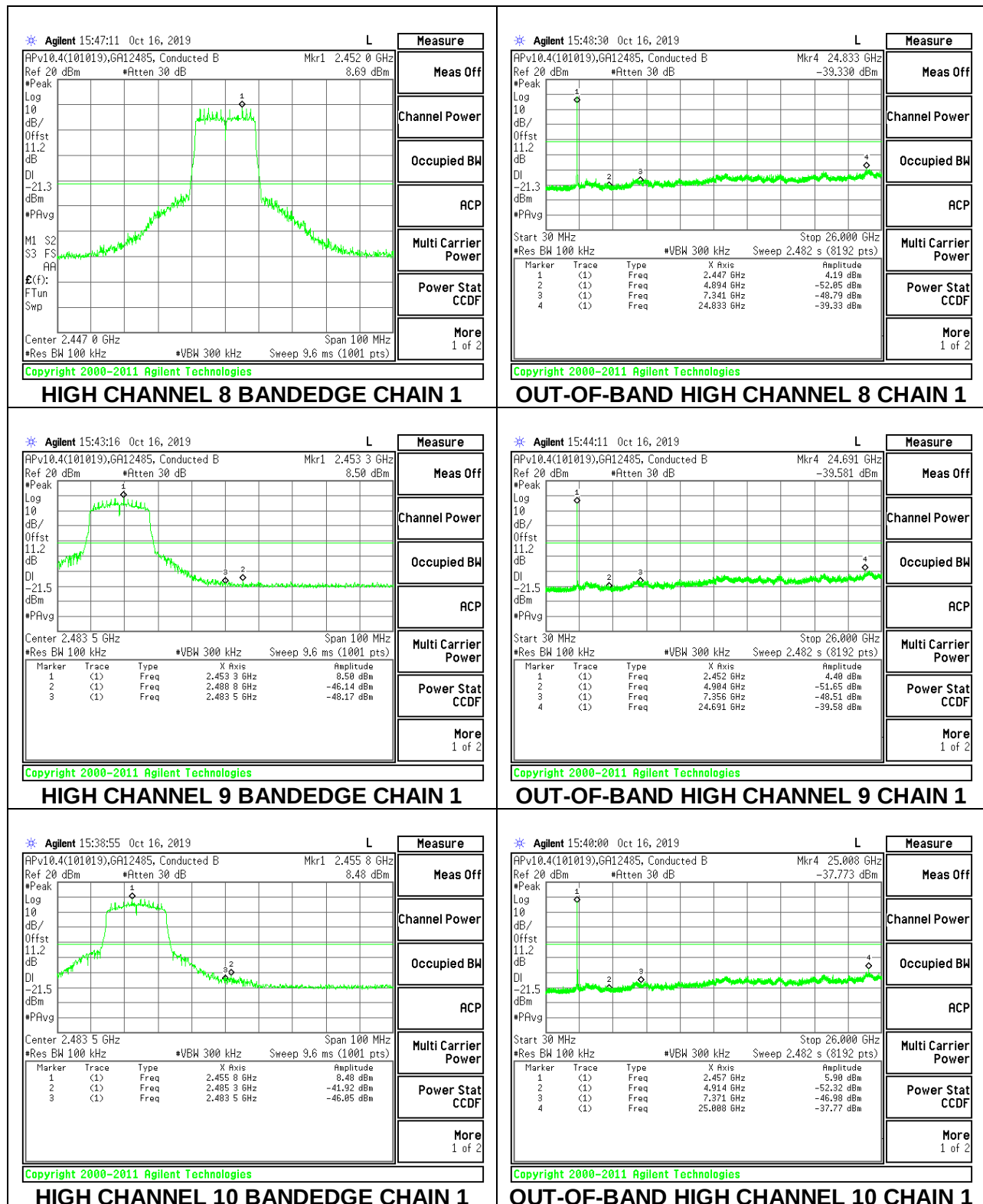


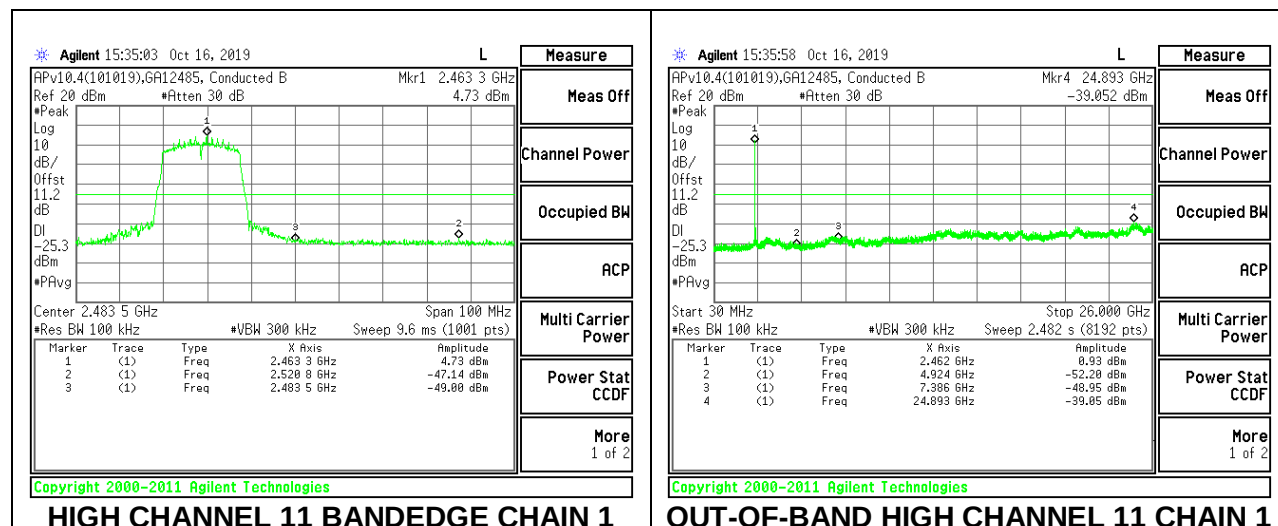


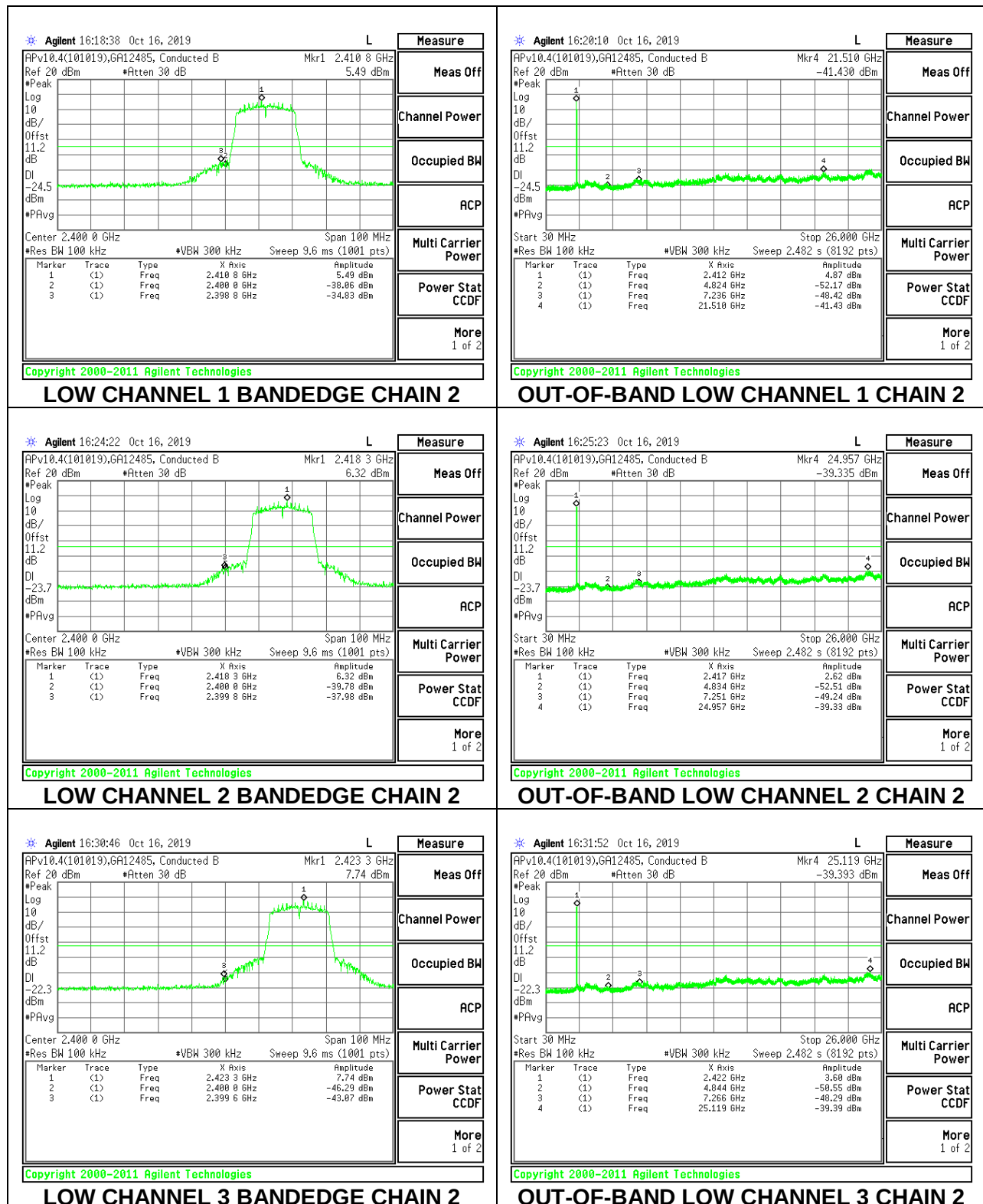


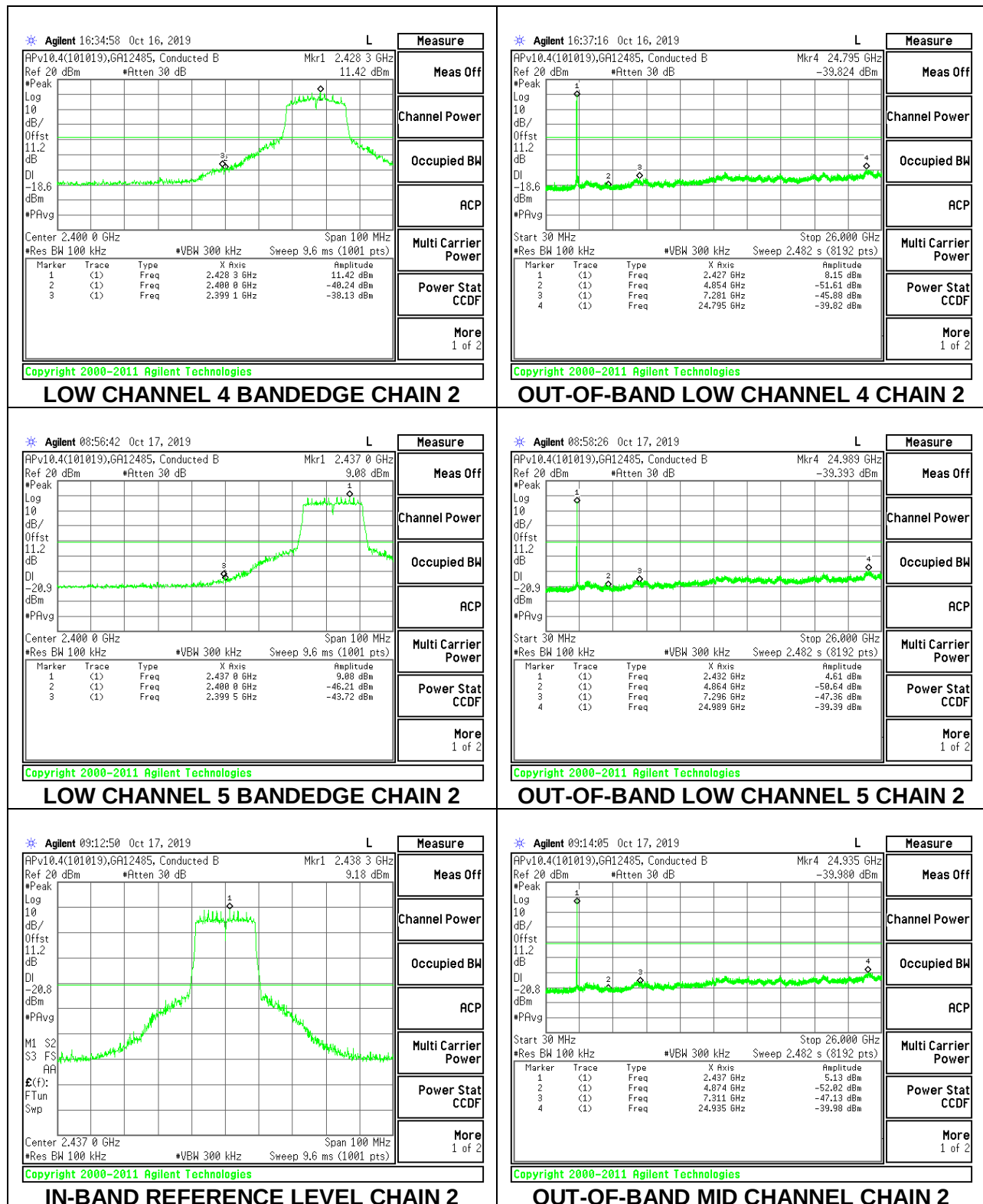


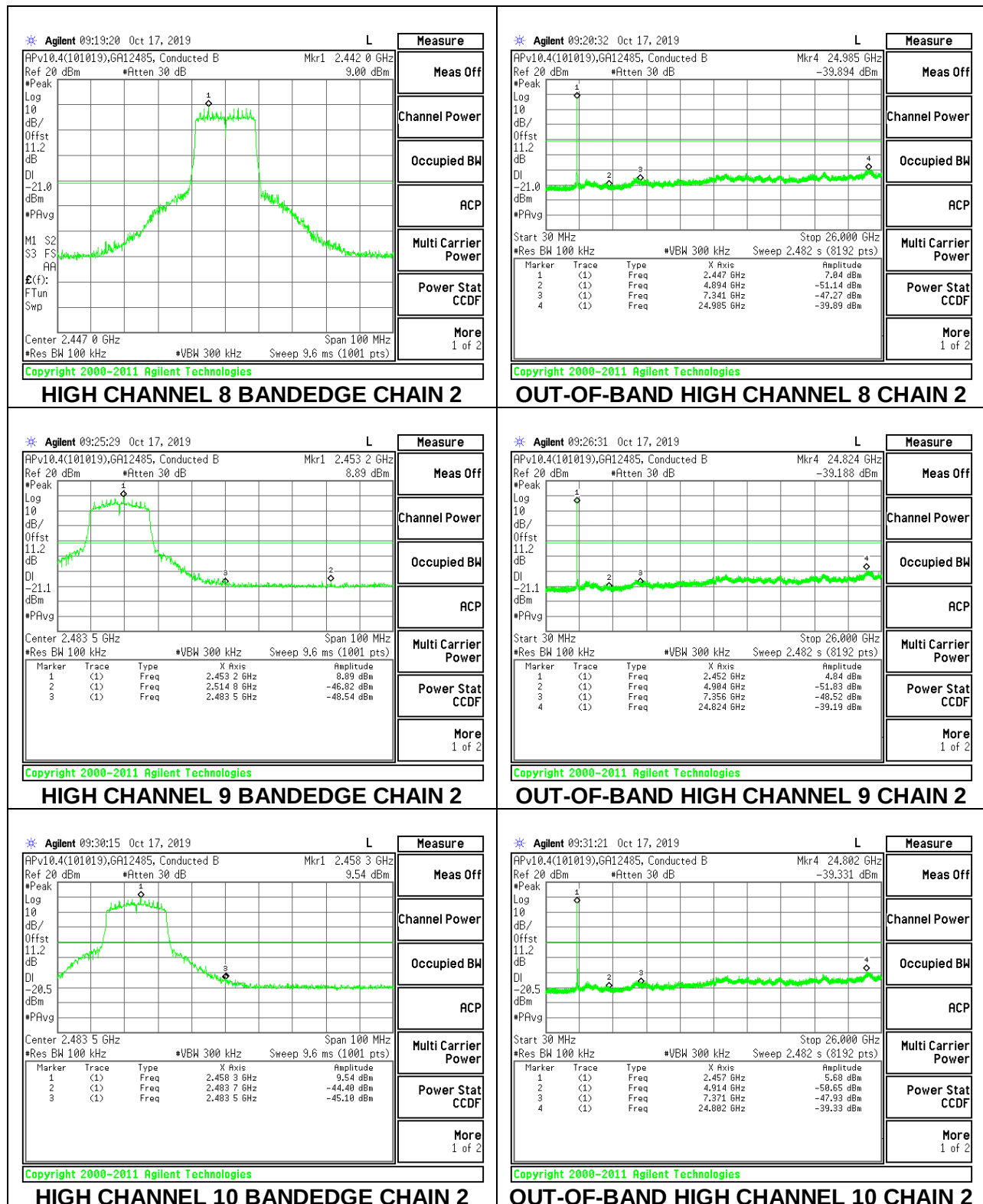


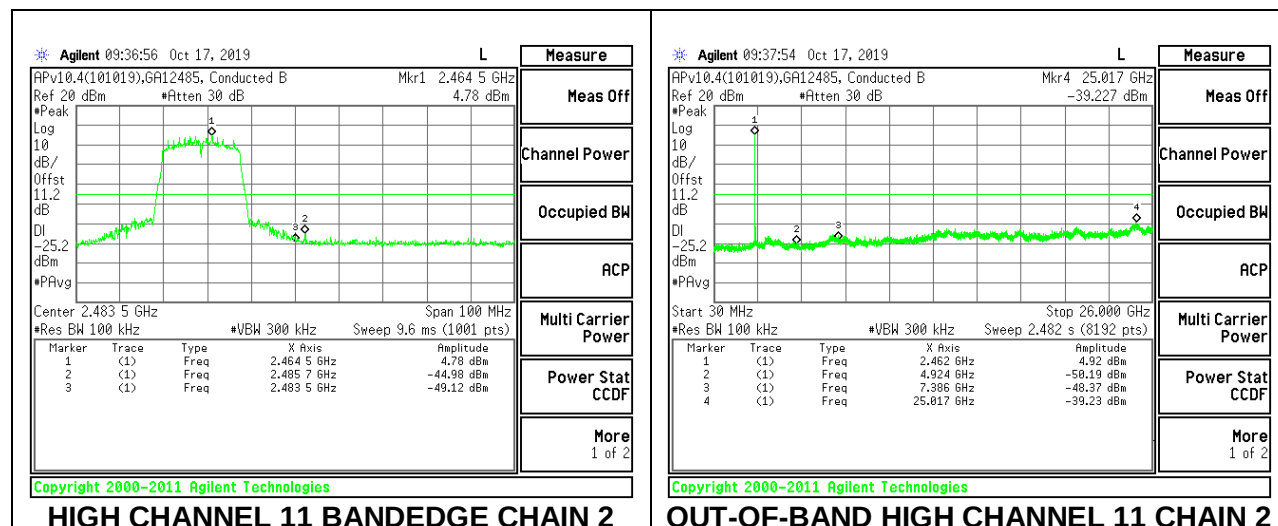


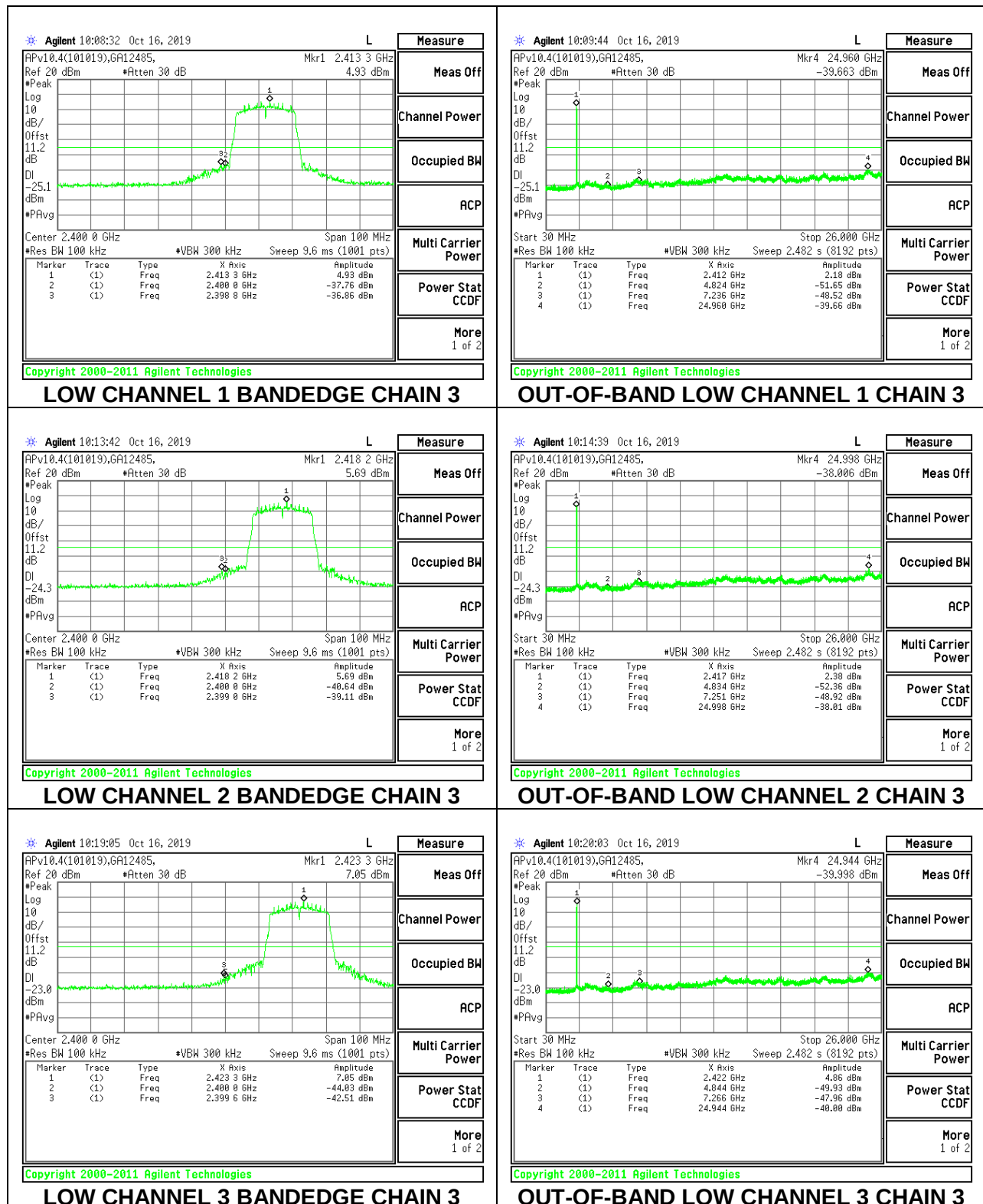


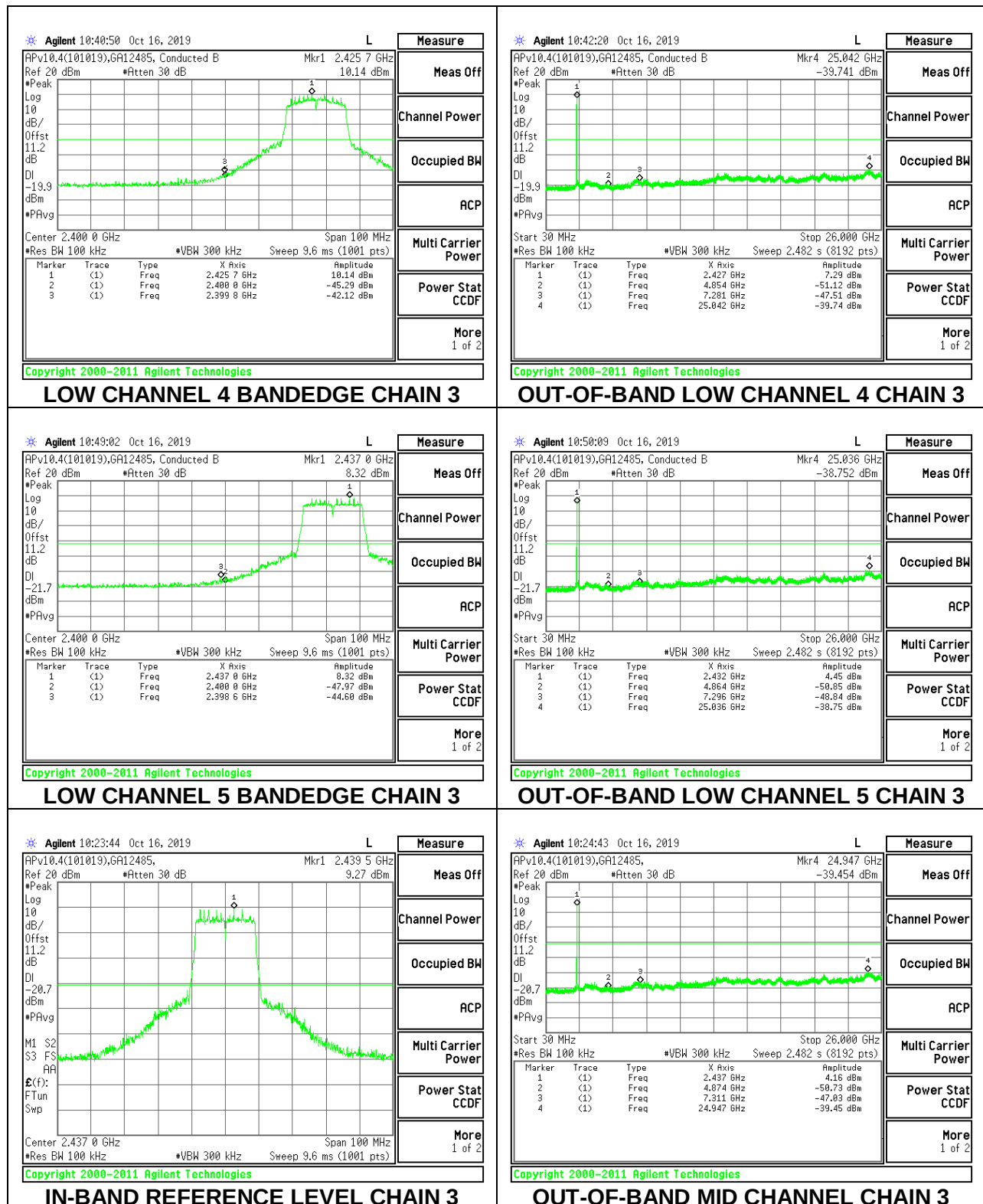


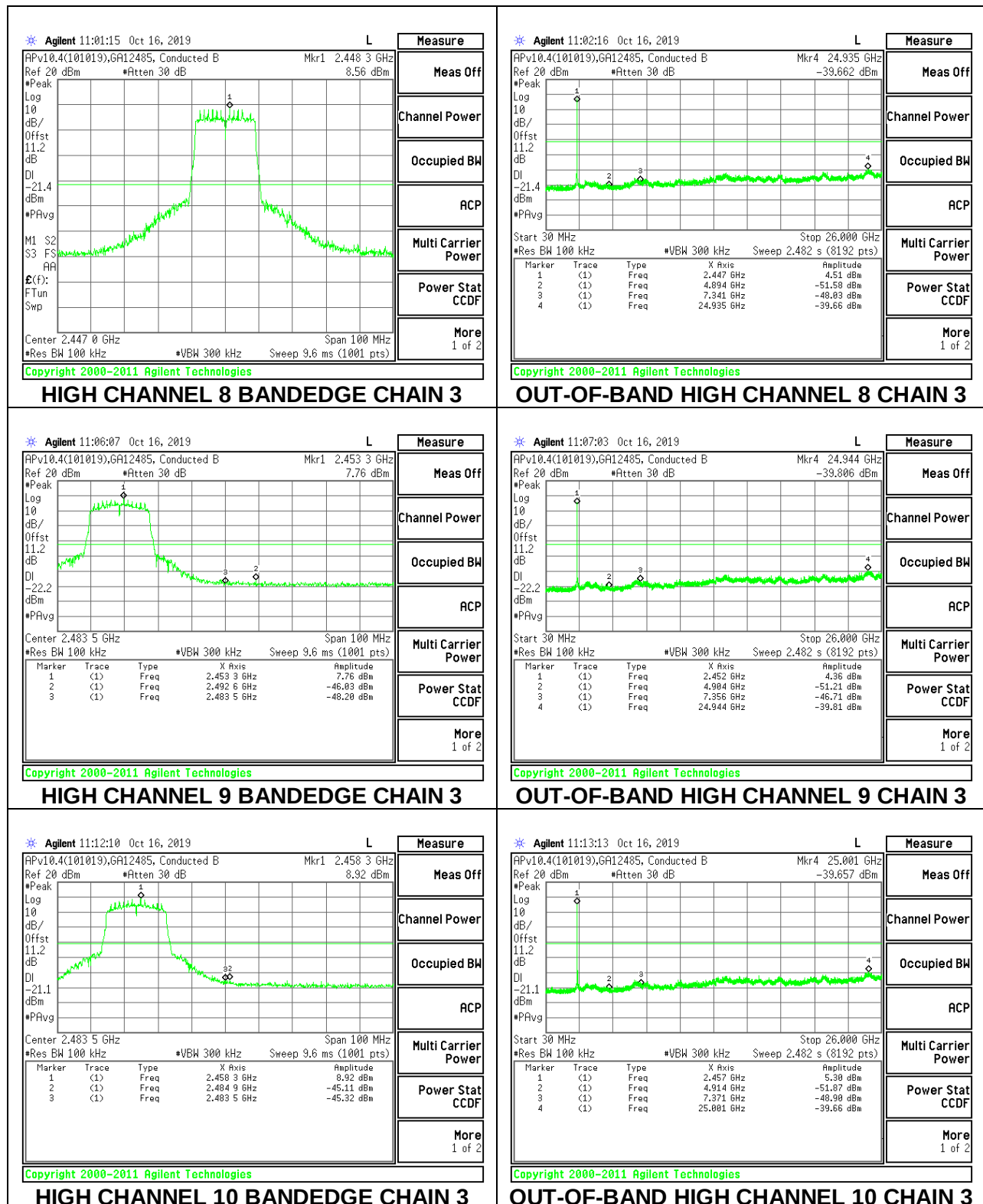


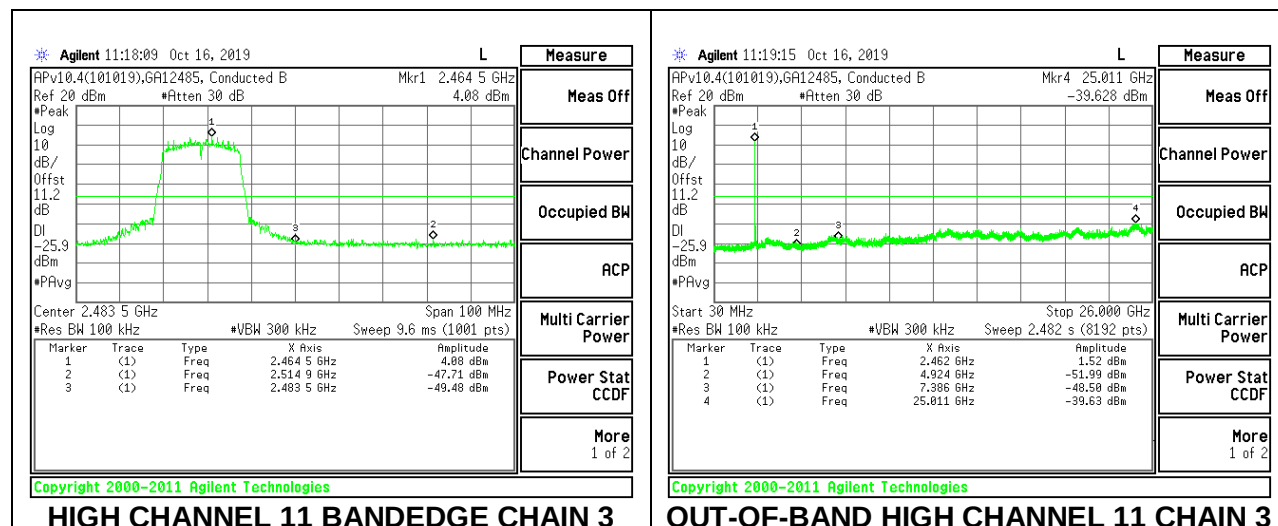












9. RADIATED TEST RESULTS

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. 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 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.

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

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.

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

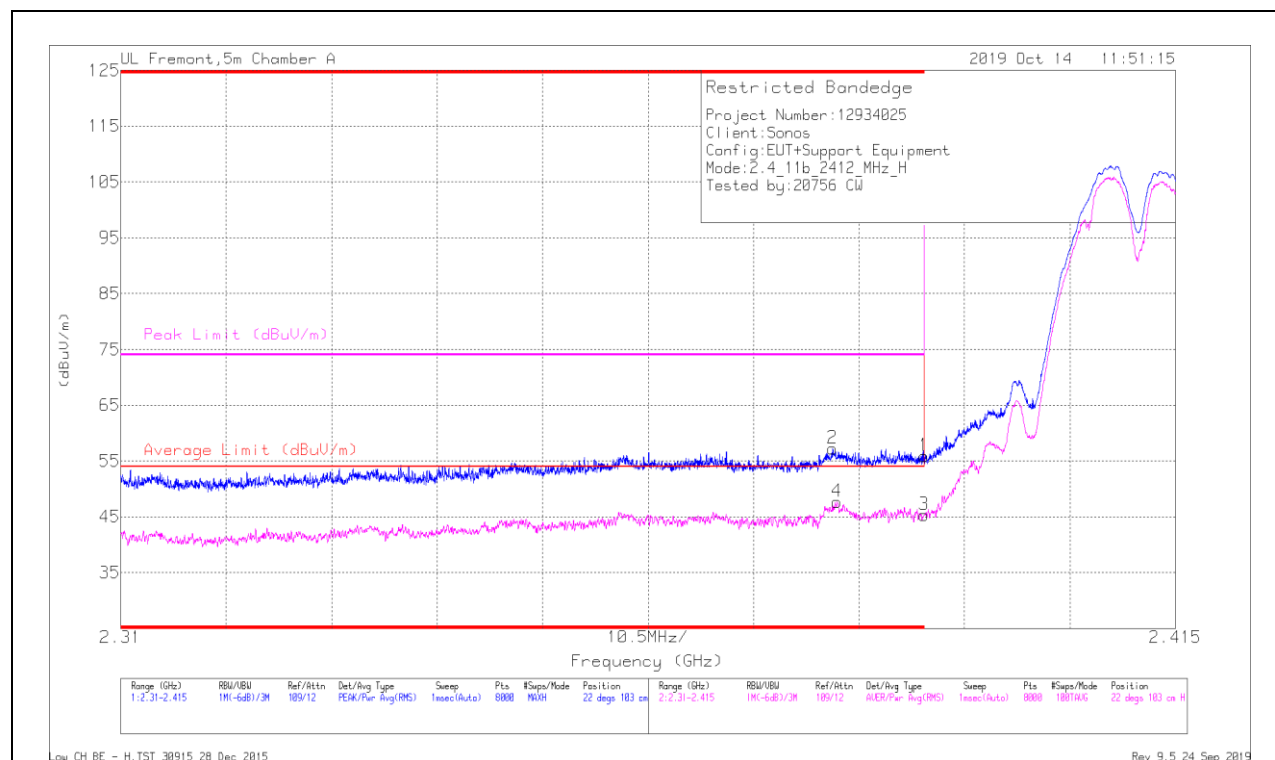
9.1. TRANSMITTER ABOVE 1 GHz

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

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



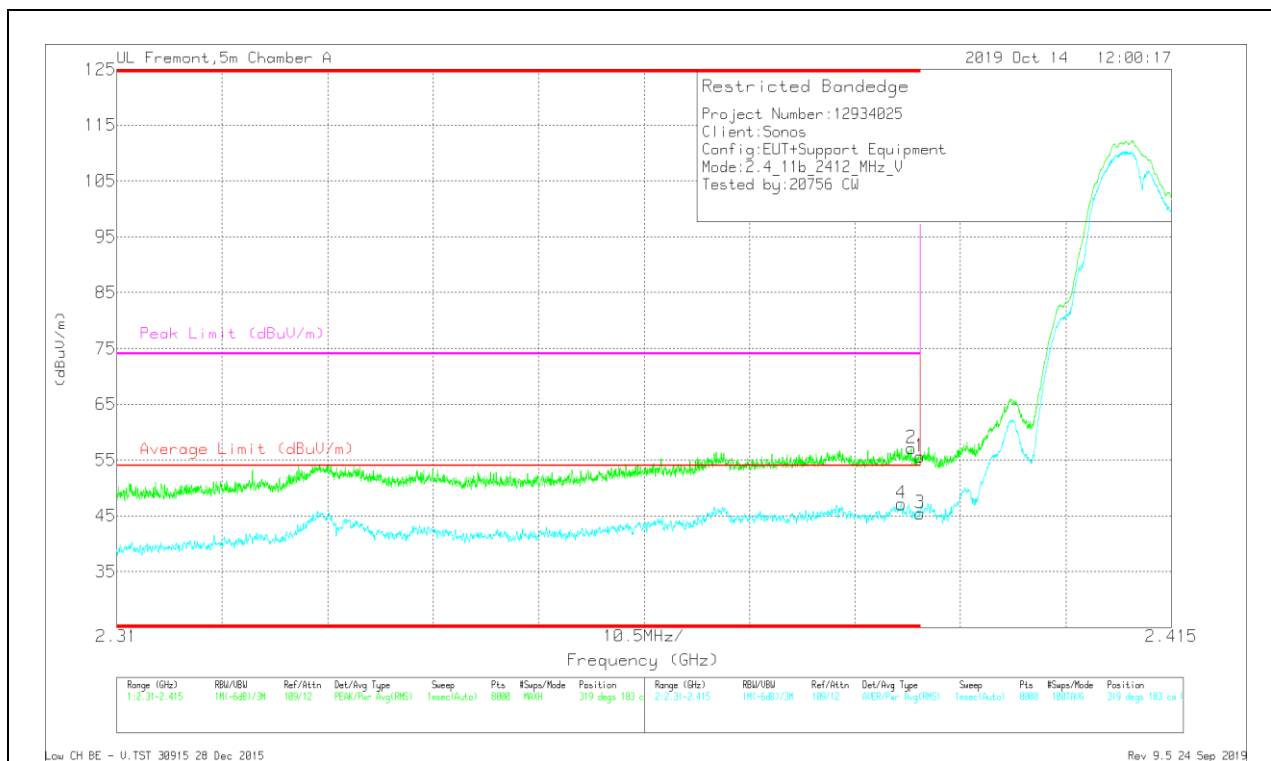
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.55	Pk	32.2	-20.9	55.85	-	-	74	-18.15	22	103	H
2	* 2.3809	45.81	Pk	32.2	-20.8	57.21	-	-	74	-16.79	22	103	H
3	* 2.39	34.07	RMS	32.2	-20.9	45.37	54	-8.63	-	-	22	103	H
4	* 2.38131	36.34	RMS	32.2	-20.8	47.74	54	-6.26	-	-	22	103	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	AF T346 (dB/m)	Amp/CbI/Ftr/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	44.36	Pk	32.2	-20.9	55.66	-	-	74	-18.34	319	183	V
2	* 2.38909	45.81	Pk	32.2	-20.9	57.11	-	-	74	-16.89	319	183	V
3	* 2.39	34.13	RMS	32.2	-20.9	45.43	54	-8.57	-	-	319	183	V
4	* 2.38809	35.83	RMS	32.2	-20.9	47.13	54	-6.87	-	-	319	183	V

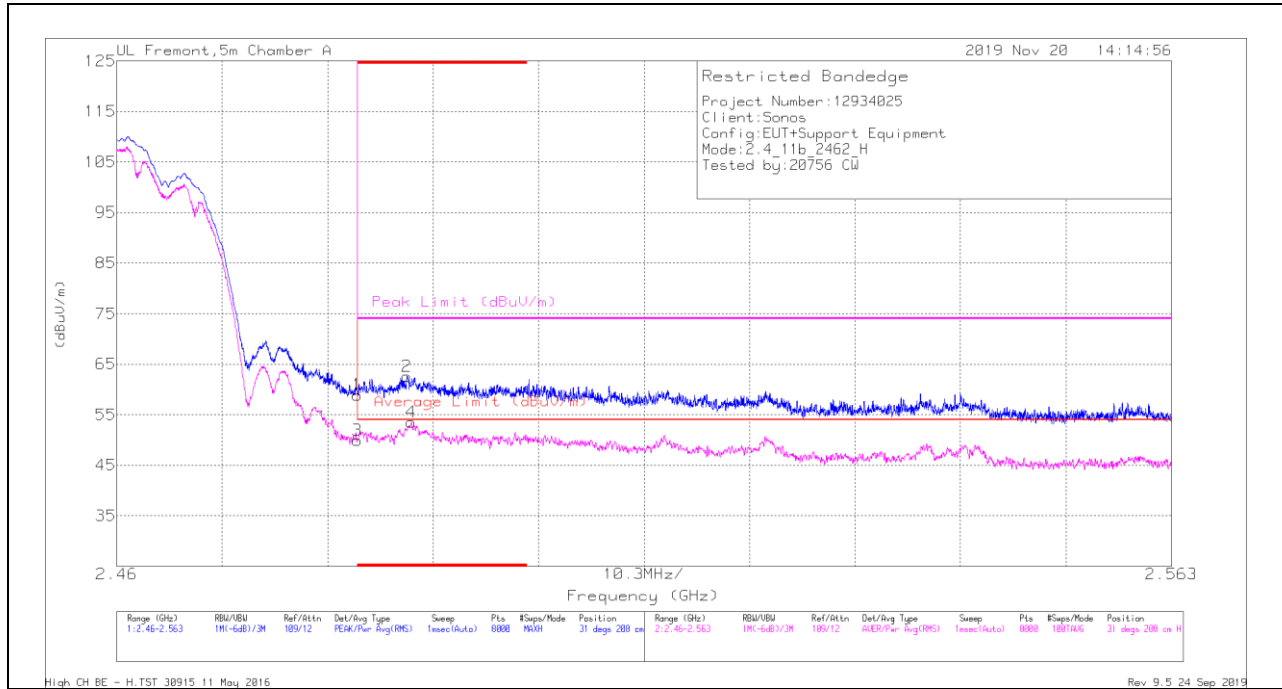
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



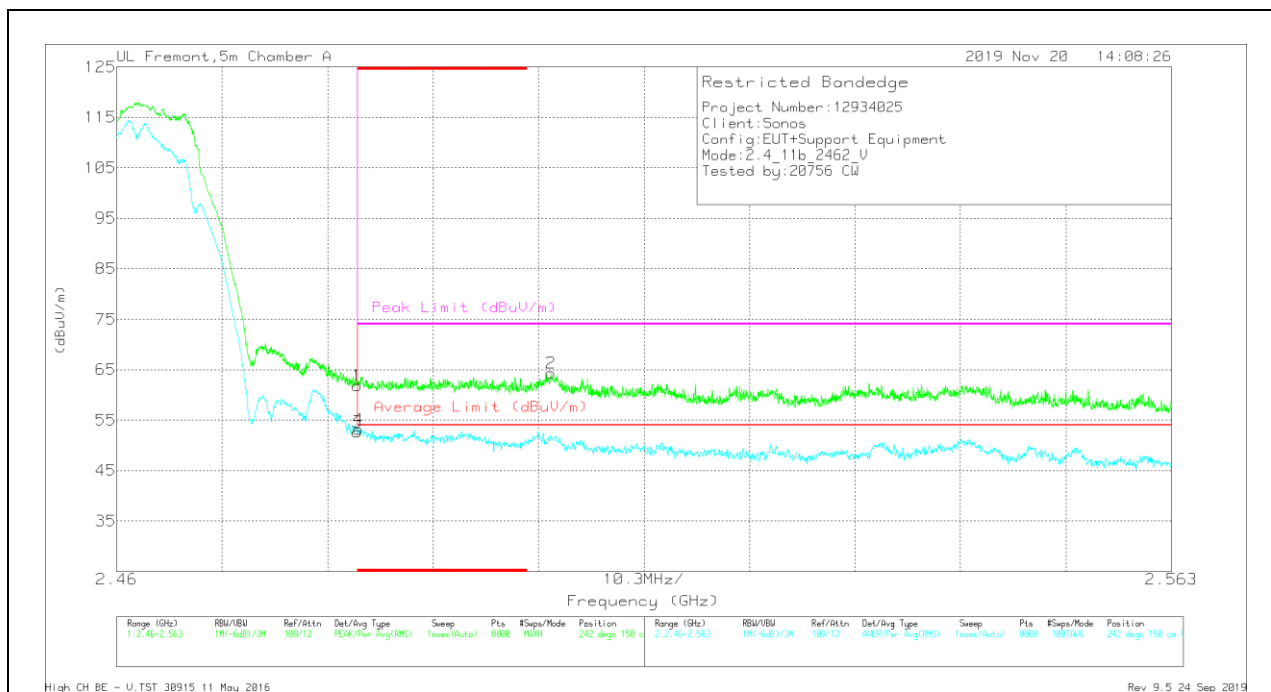
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	47.02	Pk	32.6	-20.7	58.92	-	-	74	-15.08	31	208	H
2	* 2.48836	50.6	Pk	32.6	-20.6	62.6	-	-	74	-11.4	31	208	H
3	* 2.4835	38.04	RMS	32.6	-20.7	49.94	54	-4.06	-	-	31	208	H
4	* 2.48877	41.54	RMS	32.6	-20.6	53.54	54	-4.6	-	-	31	208	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	AF T346 (dB/m)	Amp/Cb/Ftr/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	* 2.4835	49.89	Pk	32.6	-20.7	61.79	-	-	74	-12.21	242	150	V
3	* 2.4835	40.71	RMS	32.6	-20.7	52.61	54	-1.39	-	-	242	150	V
4	* 2.4836	41.3	RMS	32.6	-20.7	53.2	54	-0.8	-	-	242	150	V
2	2.5024	52.24	Pk	32.6	-20.5	64.34	-	-	74	-9.66	242	150	V

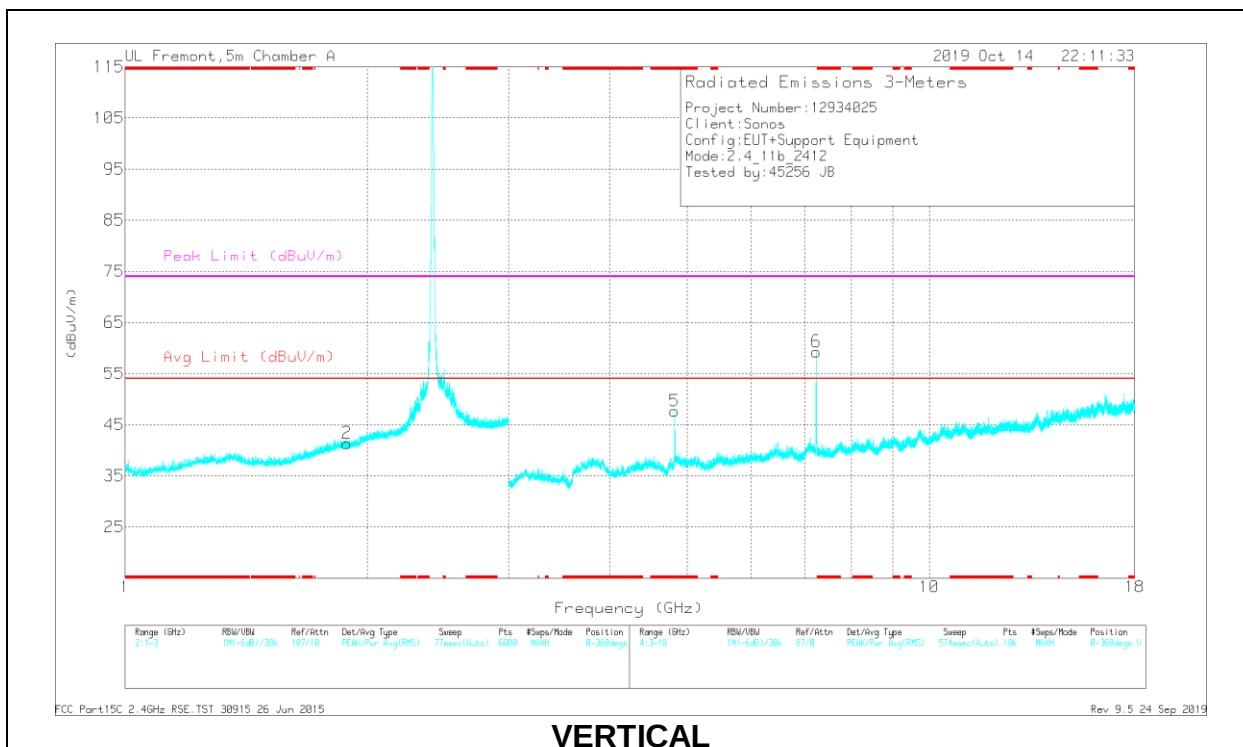
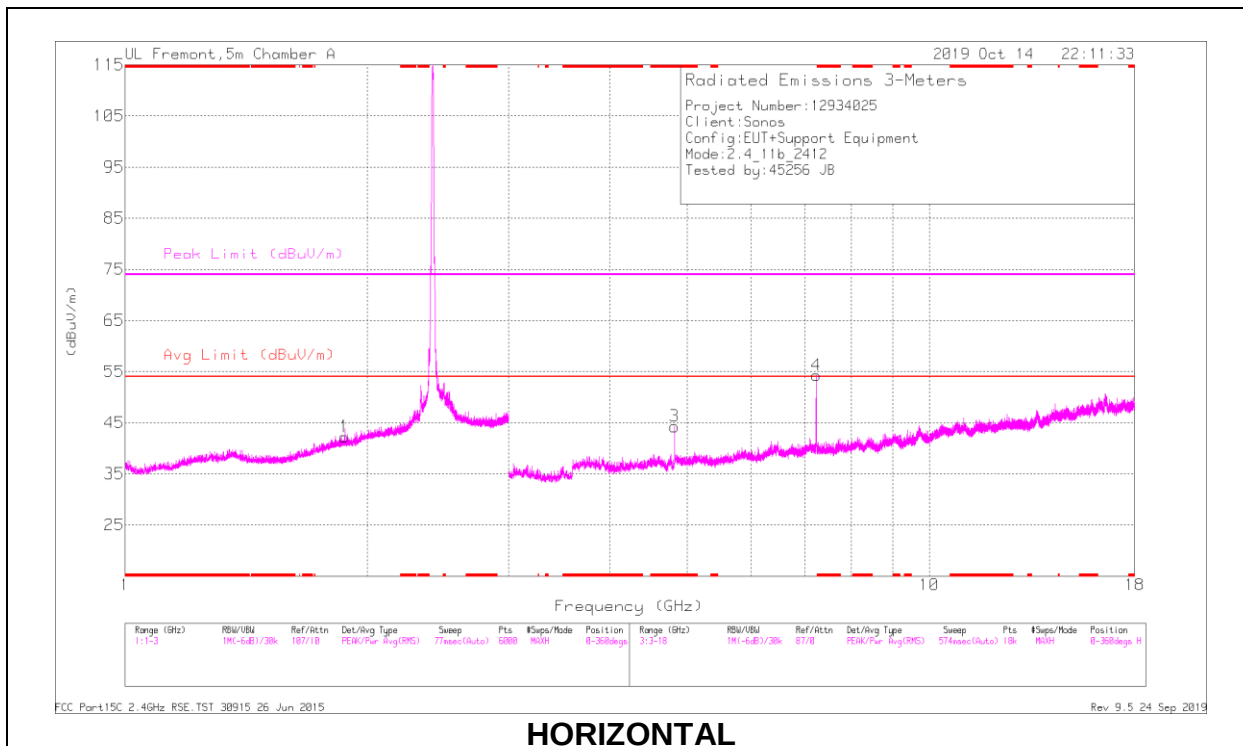
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

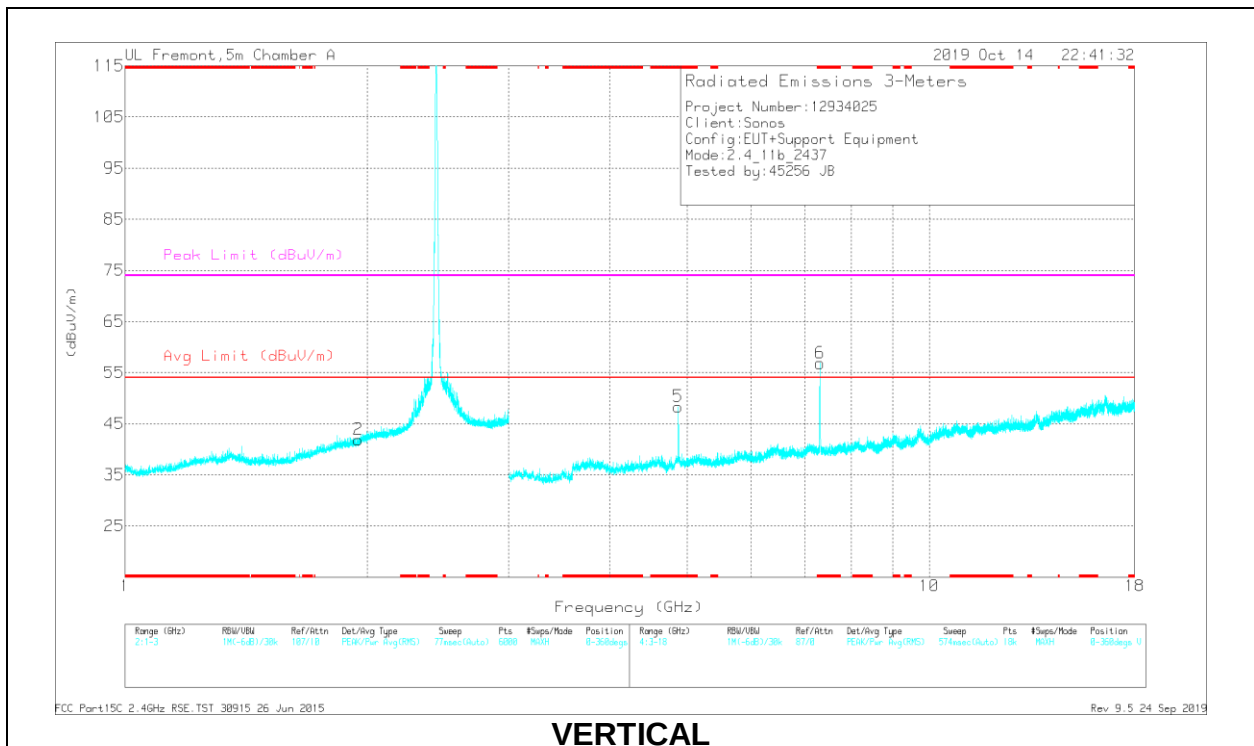
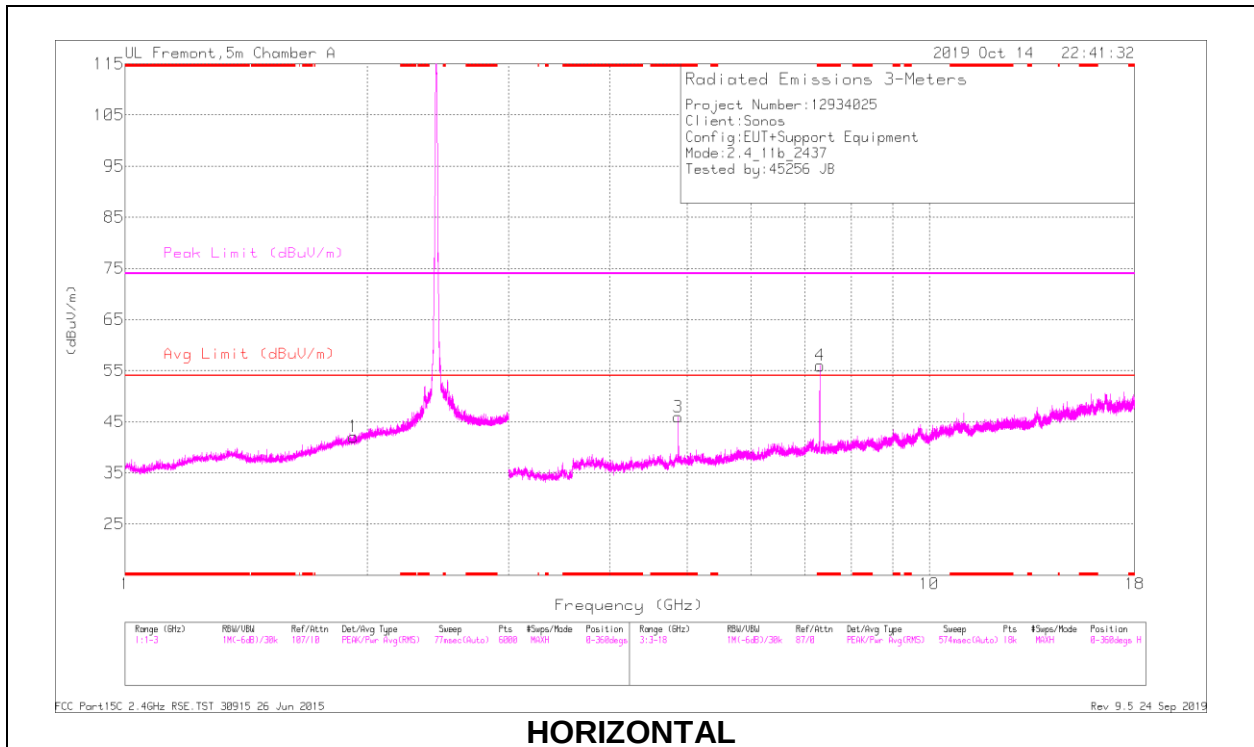
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.82418	40.47	PK2	34.3	-26.3	0	48.47	-	-	74	-25.53	60	102	H
	* 4.824	33.65	MAv1	34.3	-26.3	0	41.65	54	-12.35	-	-	60	102	H
5	* 4.82393	40.39	PK2	34.3	-26.3	0	48.39	-	-	74	-25.61	119	112	V
	* 4.82398	32.97	MAv1	34.3	-26.3	0	40.97	54	-13.03	-	-	119	112	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

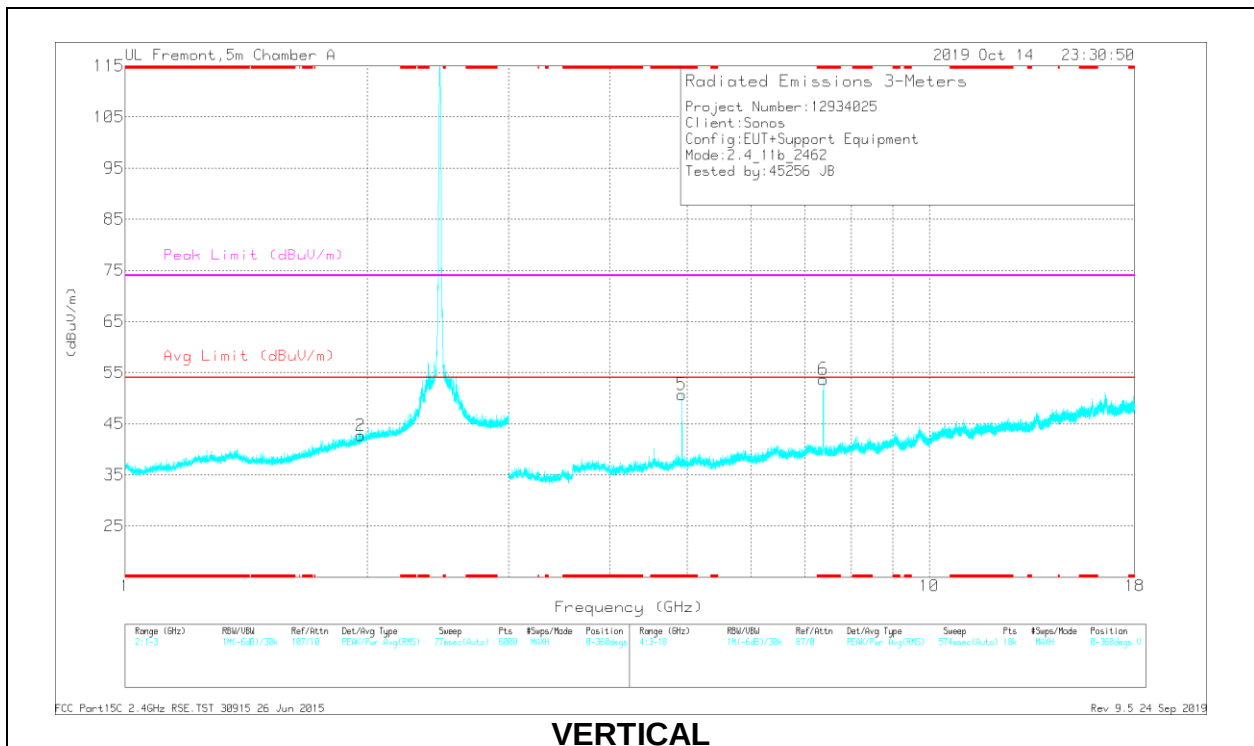
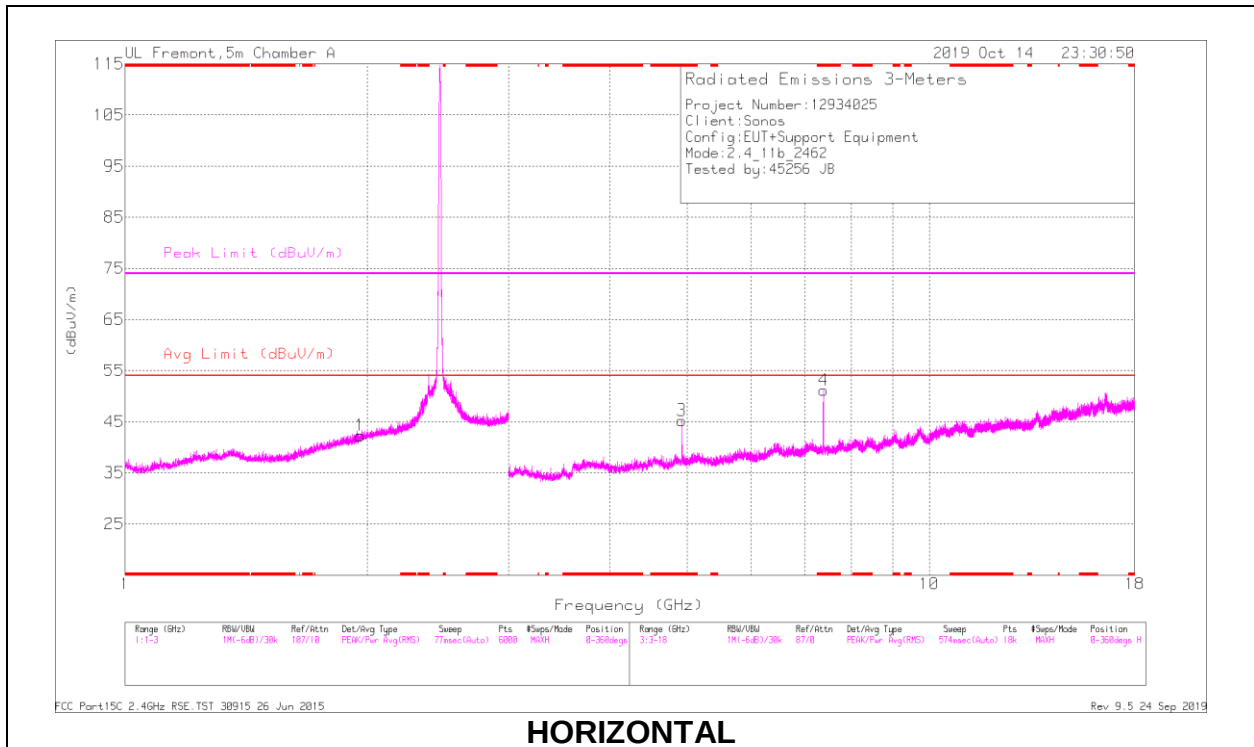
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.87395	40.35	PK2	34.2	-26.2	0	48.35	-	-	74	-25.65	59	236	H
	* 4.874	34.63	MAv1	34.2	-26.2	0	42.63	54	-11.37	-	-	59	236	H
4	* 7.31195	44.59	PK2	35.7	-23.8	0	56.49	-	-	74	-17.51	91	274	H
	* 7.31249	39.84	MAv1	35.7	-23.8	0	51.74	54	-2.26	-	-	91	274	H
5	* 4.87391	41.99	PK2	34.2	-26.2	0	49.99	-	-	74	-24.01	117	102	V
	* 4.87398	36.29	MAv1	34.2	-26.2	0	44.29	54	-9.71	-	-	117	102	V
6	* 7.30996	45.44	PK2	35.8	-23.8	0	57.44	-	-	74	-16.56	101	136	V
	* 7.30993	41.46	MAv1	35.8	-23.8	0	53.46	54	-5.4	-	-	101	136	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

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/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	* 7.38498	42.84	PK2	35.8	-22.7	0	55.94	-	-	74	-18.06	89	326	H
	* 7.38502	38.14	MAv1	35.8	-22.7	0	51.24	54	-2.76	-	-	89	326	H
3	* 4.9241	42.98	PK2	34.2	-26.9	0	50.28	-	-	74	-23.72	46	287	H
	* 4.92398	38.65	MAv1	34.2	-26.9	0	45.95	54	-8.05	-	-	46	287	H
6	* 7.38456	40.94	PK2	35.8	-22.7	0	54.04	-	-	74	-19.96	98	105	V
	* 7.38442	34.97	MAv1	35.8	-22.7	0	48.07	54	-5.93	-	-	98	105	V
5	* 4.92389	46.49	PK2	34.2	-26.9	0	53.79	-	-	74	-20.21	154	171	V
	* 4.92399	43.29	MAv1	34.2	-26.9	0	50.59	54	-3.41	-	-	154	171	V

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

PK2 - KDB558074 Method: Maximum Peak

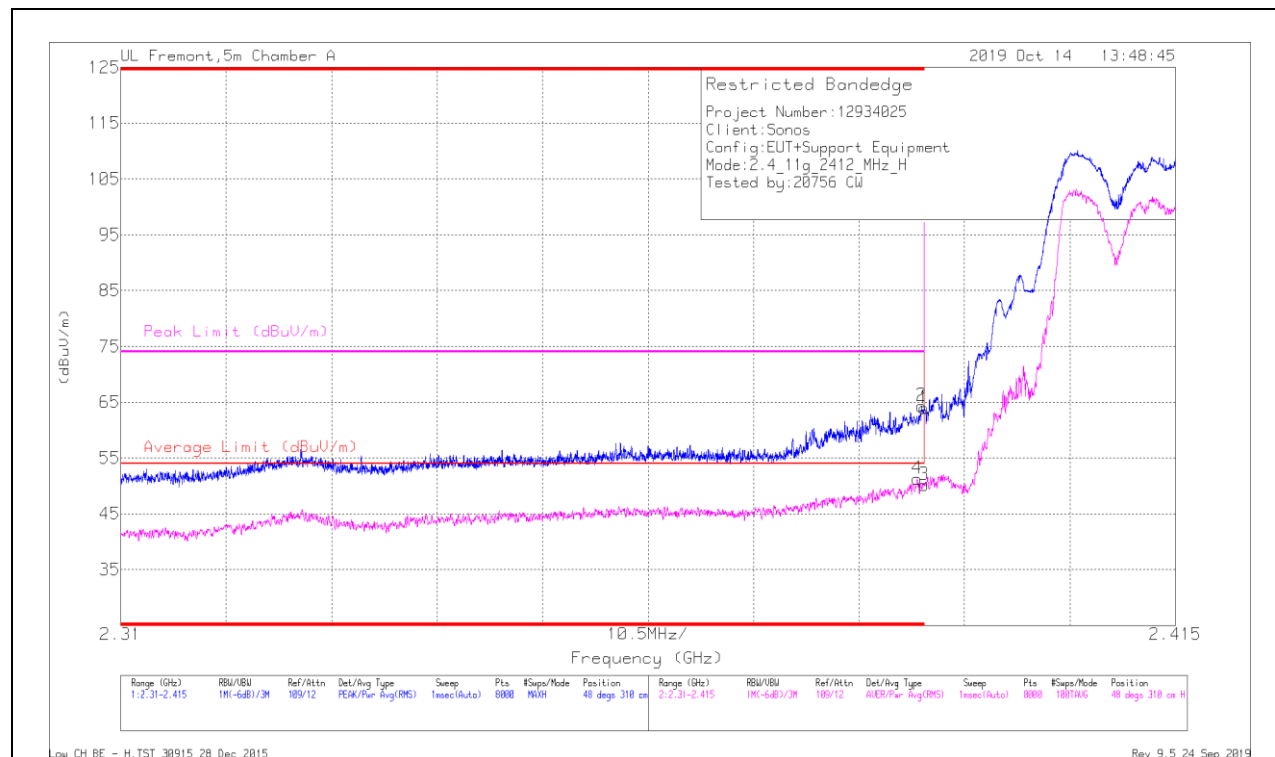
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



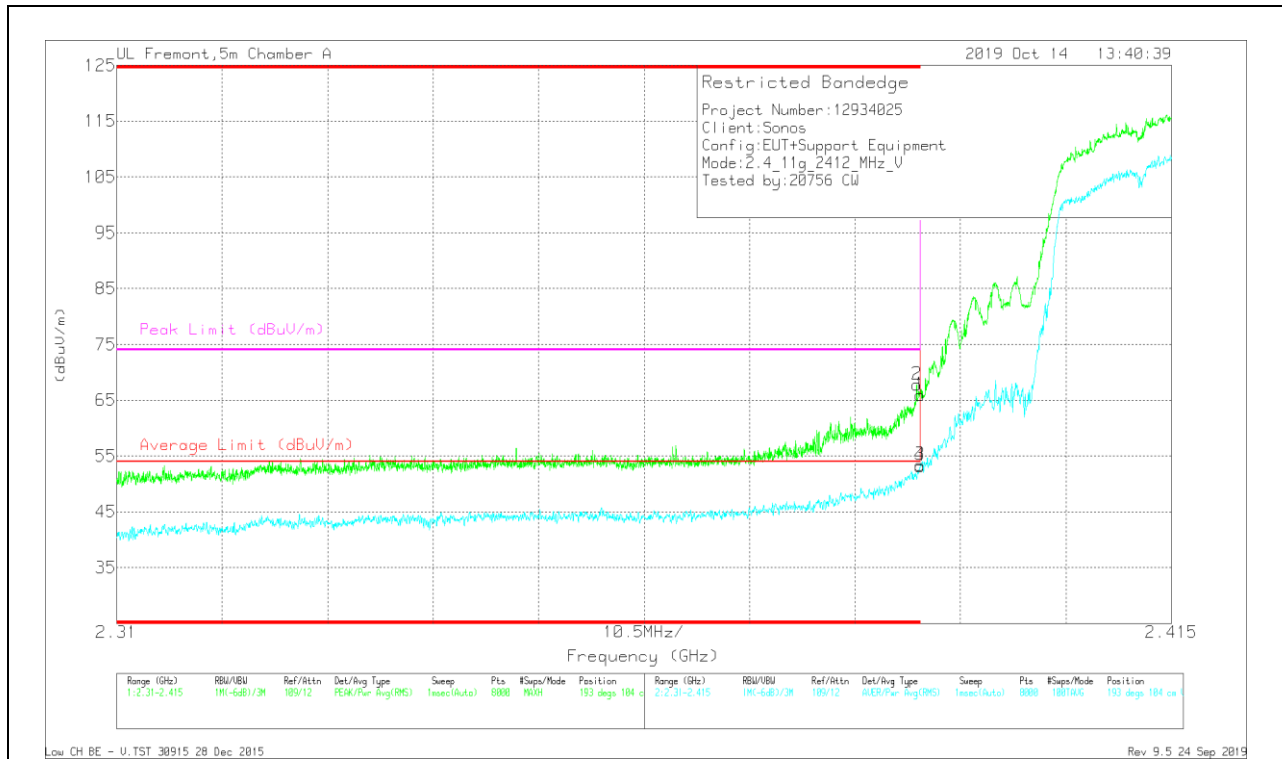
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.3893	40.02	RMS	32.2	-20.9	0.32	51.64	54	-2.36	-	-	48	310	H
2	* 2.38972	53.02	Pk	32.2	-20.9	0	64.32	-	-	74	-9.68	48	310	H
1	* 2.39	52.61	Pk	32.2	-20.9	0	63.91	-	-	74	-10.09	48	310	H
3	* 2.39	38.88	RMS	32.2	-20.9	0.32	50.5	54	-3.5	-	-	48	310	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	AF T346 (dBm)	AmpChmFiltPwr (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	54.59	PK	32.2	-20.9	0	65.69	-	-	74	-8.11	193	104	V
2	* 2.38964	56.49	PK	32.2	-20.9	0	67.79	-	-	74	-6.21	193	104	V
3	* 2.39	41.77	RMS	32.2	-20.9	0.32	53.39	54	-0.61	-	-	193	104	V
4	* 2.38998	41.56	RMS	32.2	-20.9	0.32	53.18	54	-0.82	-	-	193	104	V

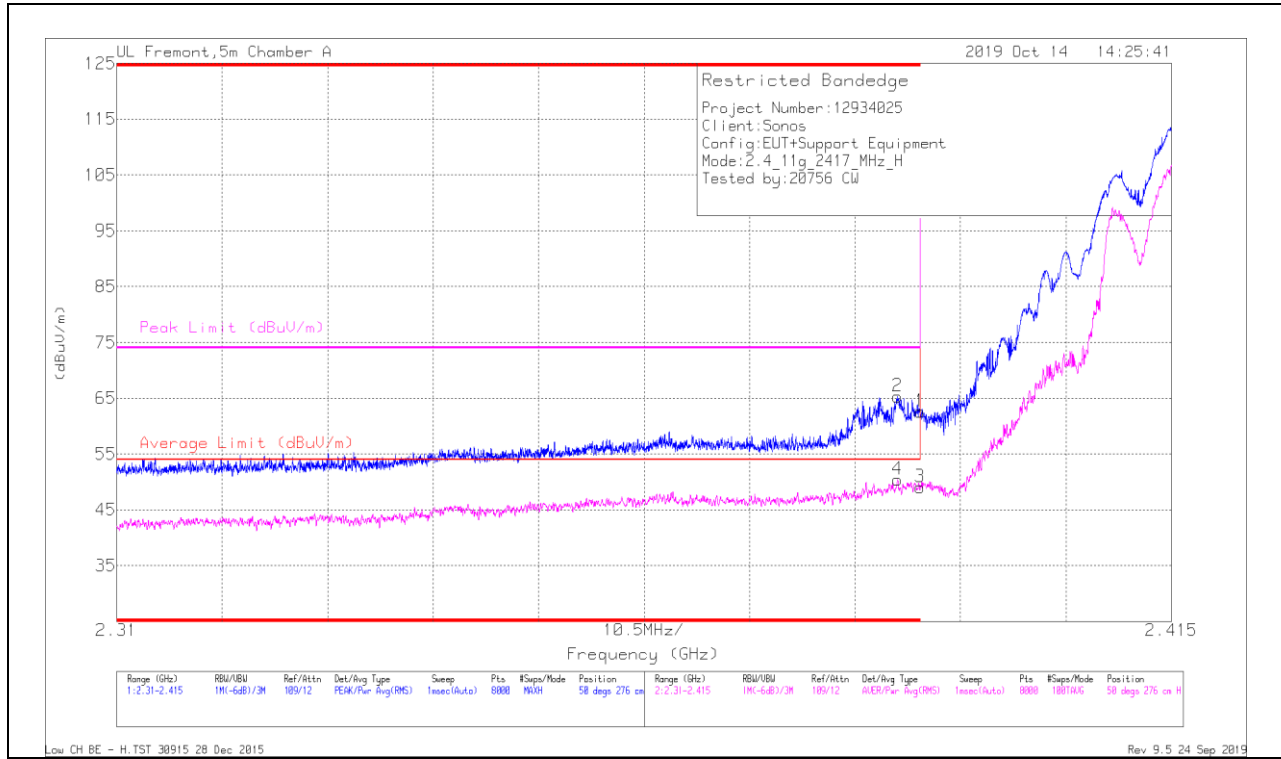
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



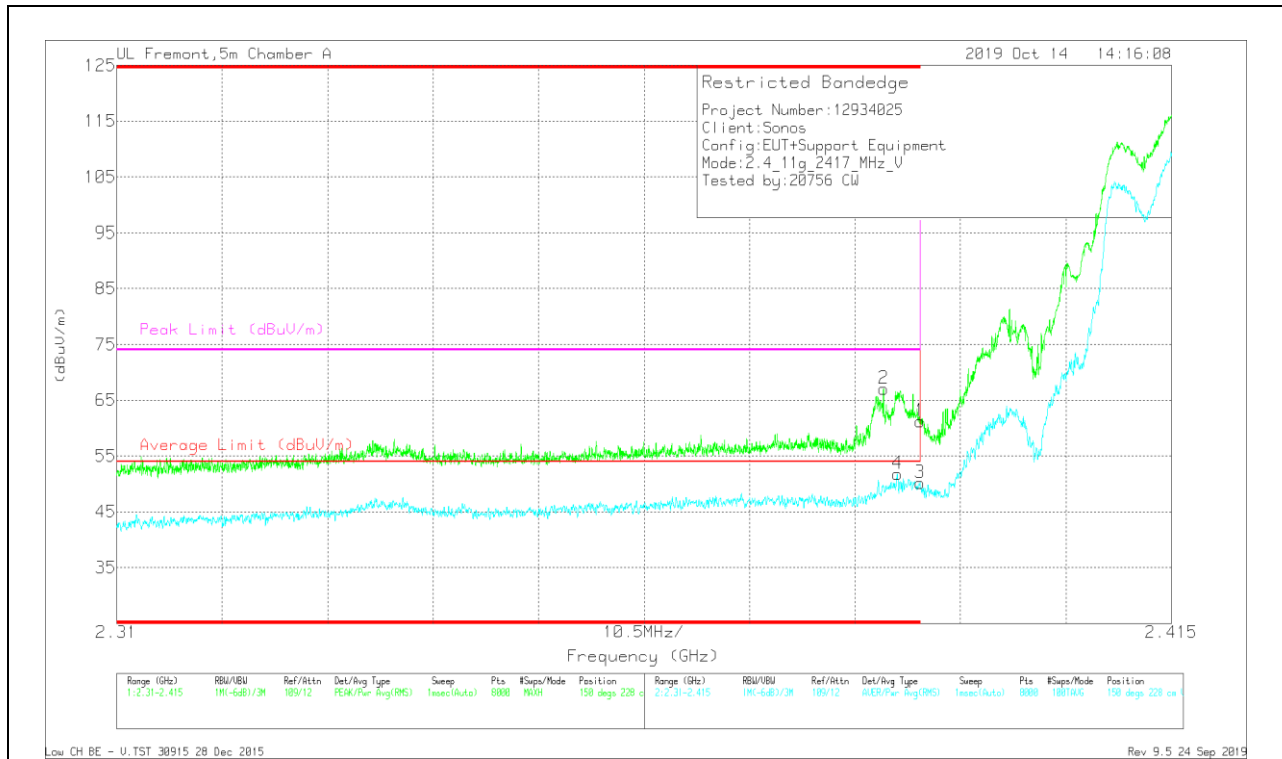
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/ChlFtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 2.38774	53.96	Pk	32.2	-20.9	0	65.26	-	-	74	-8.74	50	276	H
4	* 2.38774	38.81	RMS	32.2	-20.9	0.32	50.43	54	-3.57	-	-	50	276	H
1	* 2.39	51.24	Pk	32.2	-20.9	0	62.54	-	-	74	-11.46	50	276	H
3	* 2.39	37.36	RMS	32.2	-20.9	0.32	48.98	54	-5.02	-	-	50	276	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	AF T346 (dBm)	AmpChnFiltPwr (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
2	* 2.39533	55.77	PK	32.2	-20.9	0	67.07	-	-2.23	74	-6.93	150	228	V
4	* 2.38771	40.15	RMS	32.2	-20.9	0.32	51.77	54	-	-	-	150	228	V
1	* 2.39	49.97	PK	32.2	-20.9	0	61.27	-	-	74	-12.73	150	228	V
3	* 2.39	38.51	RMS	32.2	-20.9	0.32	50.13	54	-3.87	-	-	150	228	V

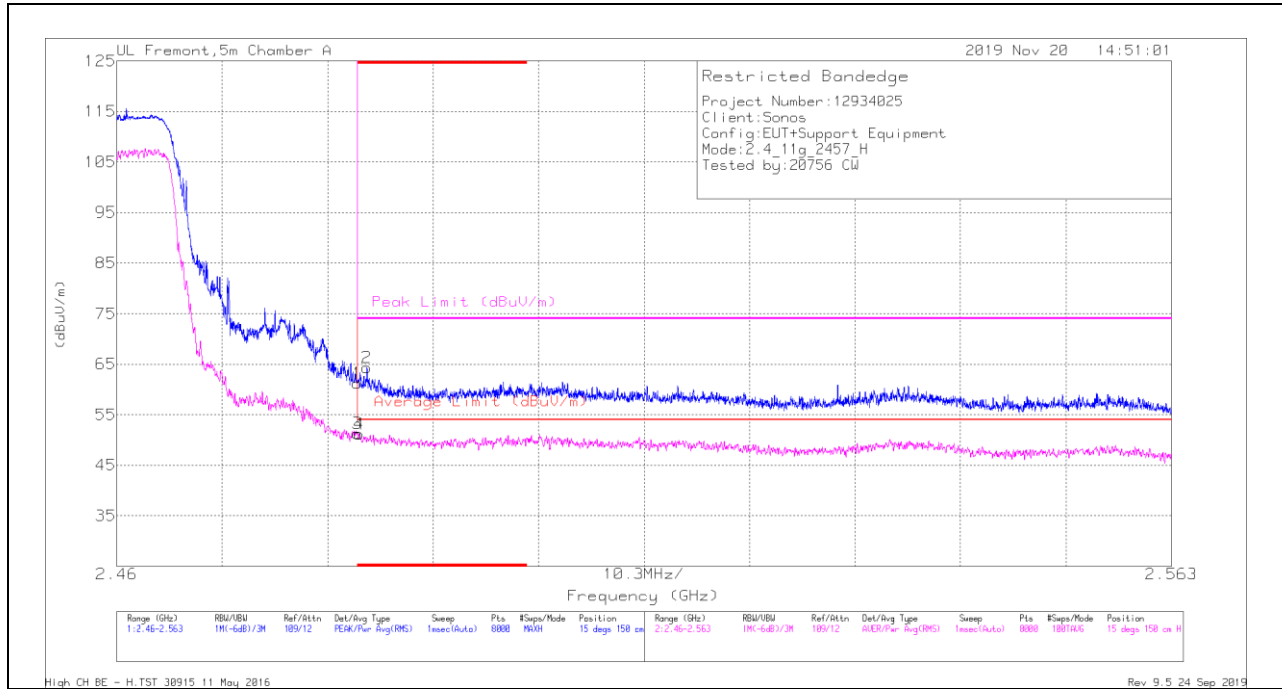
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



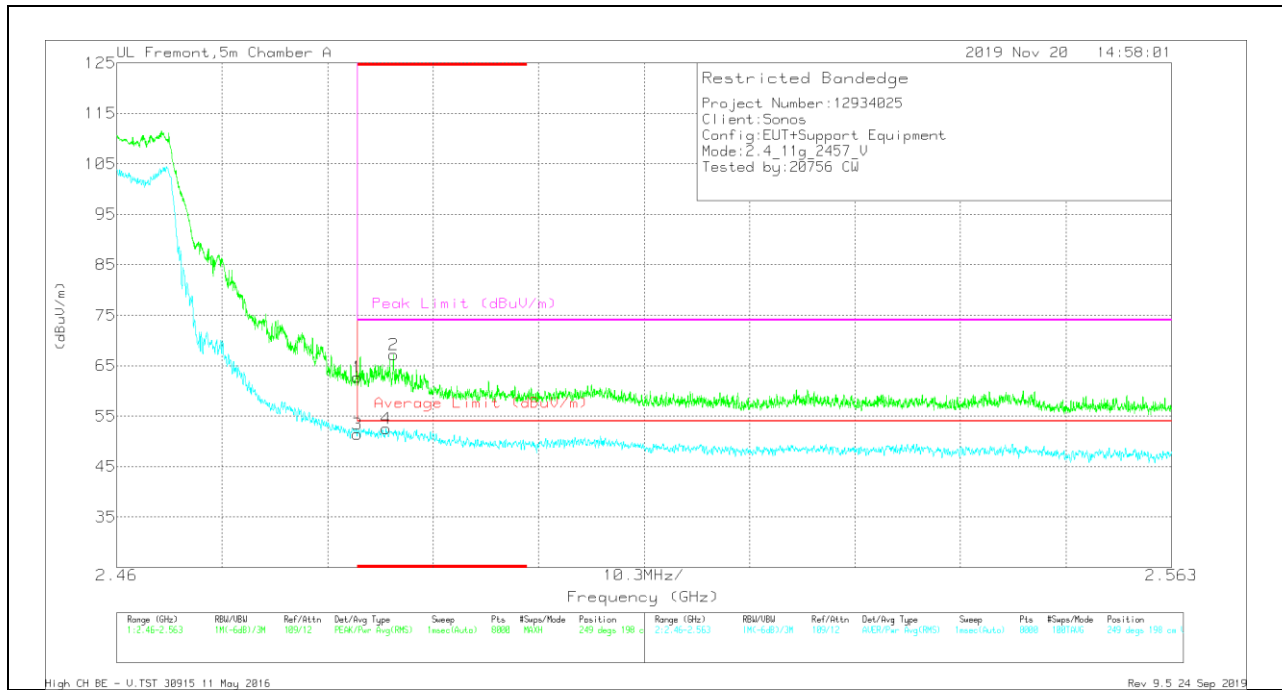
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1346 (dBm)	Amp Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (deg)	Height (cm)	Polarity
1	* 2.4835	49.33	Pk	32.6	-20.7	0	61.23	-	-	74	-12.77	15	150	H
2	* 2.48444	52.45	Pk	32.6	-20.7	0	64.35	-	-	74	-9.65	15	150	H
3	* 2.4835	39	RMS	32.6	-20.7	0.32	51.22	54	-2.78	-	-	15	150	H
4	* 2.48366	38.91	RMS	32.6	-20.7	0.32	51.13	54	-2.87	-	-	15	150	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	AF 1348 (dBm)	Ampl Ch1/F1/F2 (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	* 2.4835	50.8	Pk	32.6	-20.7	0	62.7	-	-	74	-11.3	249	198	V
2	* 2.48703	55.1	Pk	32.6	-20.5	0	67.2	-	-	74	-6.8	249	198	V
3	* 2.4835	39.19	RMS	32.6	-20.7	0.32	51.41	54	-2.59	-	-	249	198	V
4	* 2.48628	40.28	RMS	32.6	-20.7	0.32	52.5	54	-1.5	-	-	249	198	V

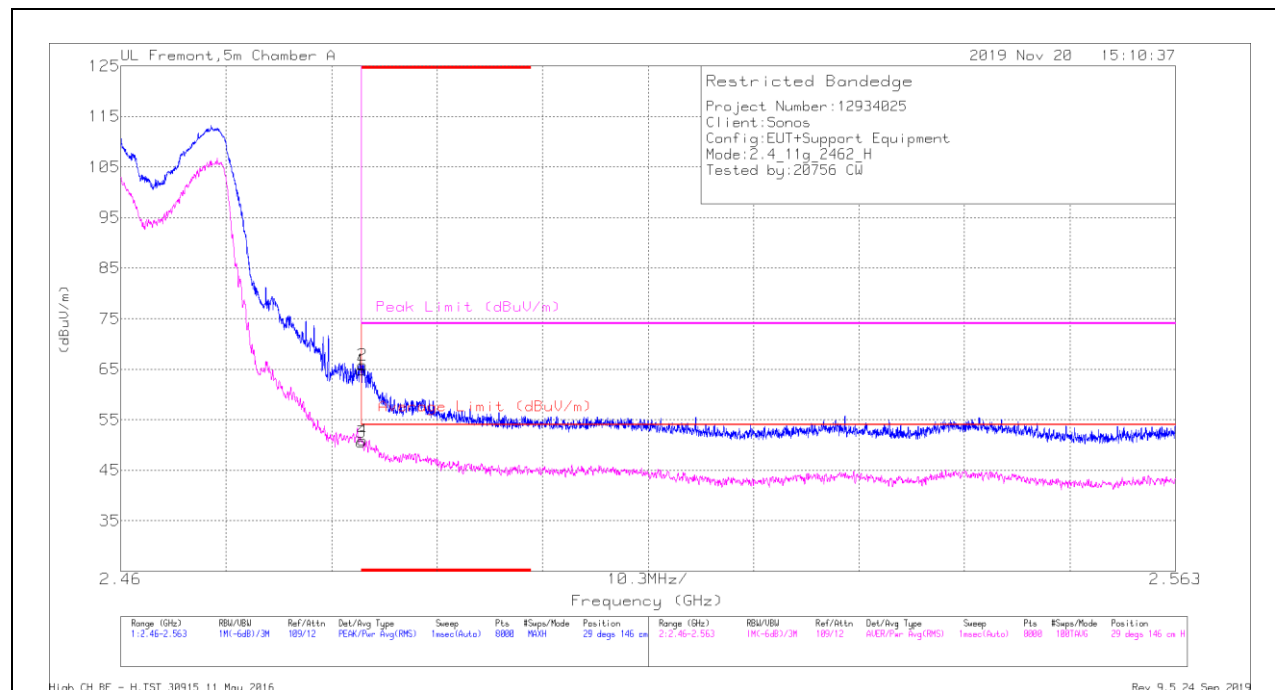
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



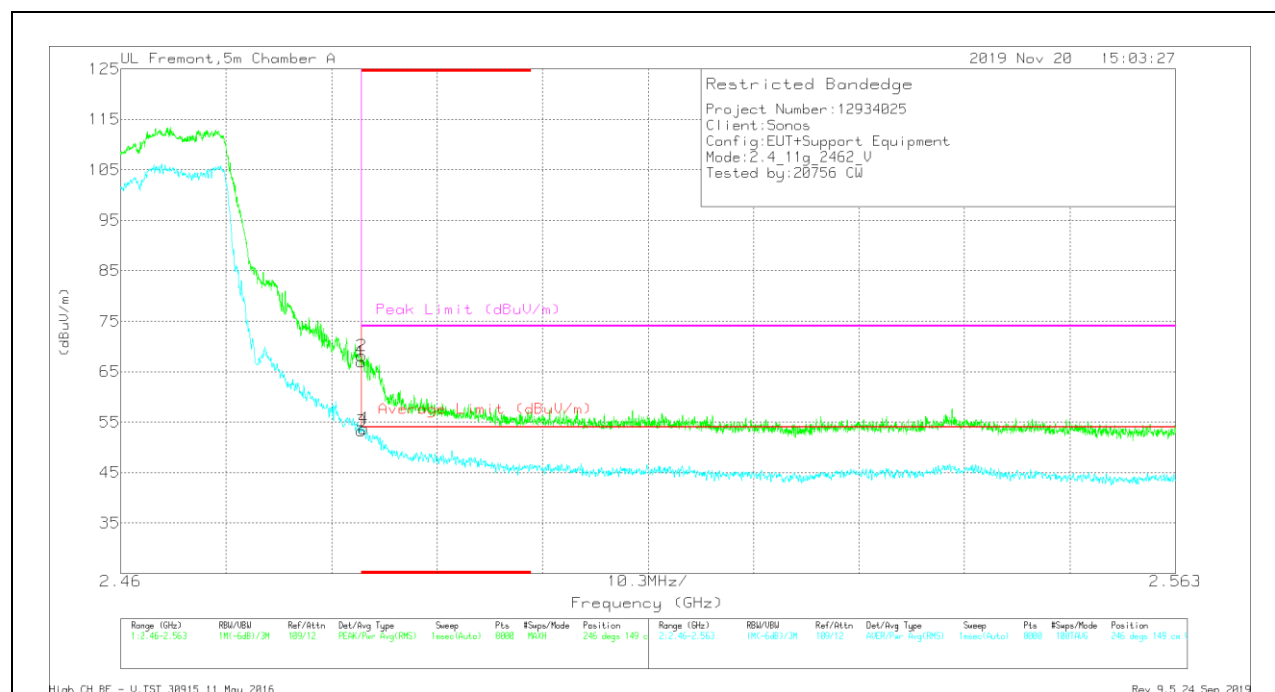
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1346 (dBm)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (deg)	Height (cm)	Polarity
1	* 2.4835	52.94	Pk	32.6	-20.7	0	54.84	-	-	74	-9.16	29	146	H
2	* 2.48362	53.94	Pk	32.6	-20.7	0	55.94	-	-	74	-8.16	29	146	H
3	* 2.4835	38.3	RMS	32.6	-20.7	0.32	50.52	54	-3.48	-	-	29	146	H
4	* 2.48362	38.66	RMS	32.6	-20.7	0.32	50.88	54	-3.12	-	-	29	146	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	AF 1348 (dBm)	Ampl Ch1/F1/F2 (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	* 2.4835	54.98	Pk	32.6	-20.7	0	66.88	-	-	74	-7.12	246	149	V
2	* 2.48353	56.22	Pk	32.6	-20.7	0	68.12	-	-	74	-5.88	246	149	V
3	* 2.4835	40.97	RMS	32.6	-20.7	0.32	53.19	54	-0.81	-	-	246	149	V
4	* 2.48373	41.46	RMS	32.6	-20.7	0.32	53.68	54	-0.32	-	-	246	149	V

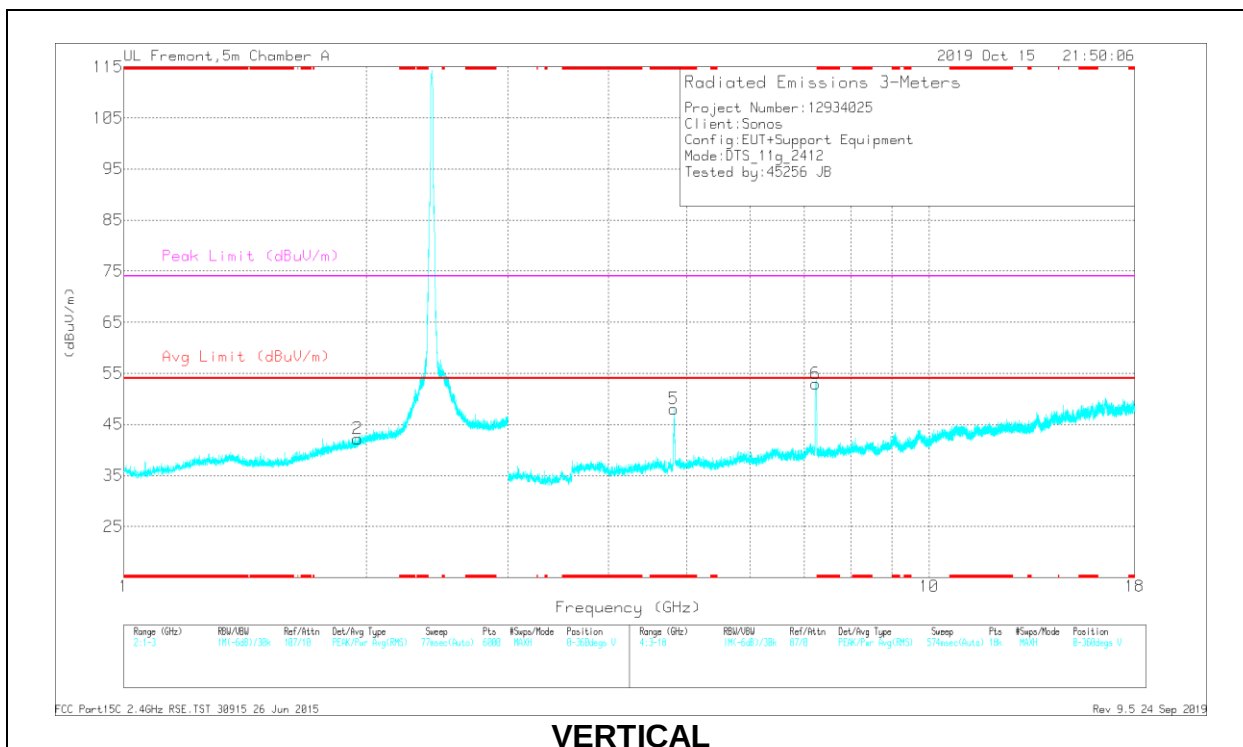
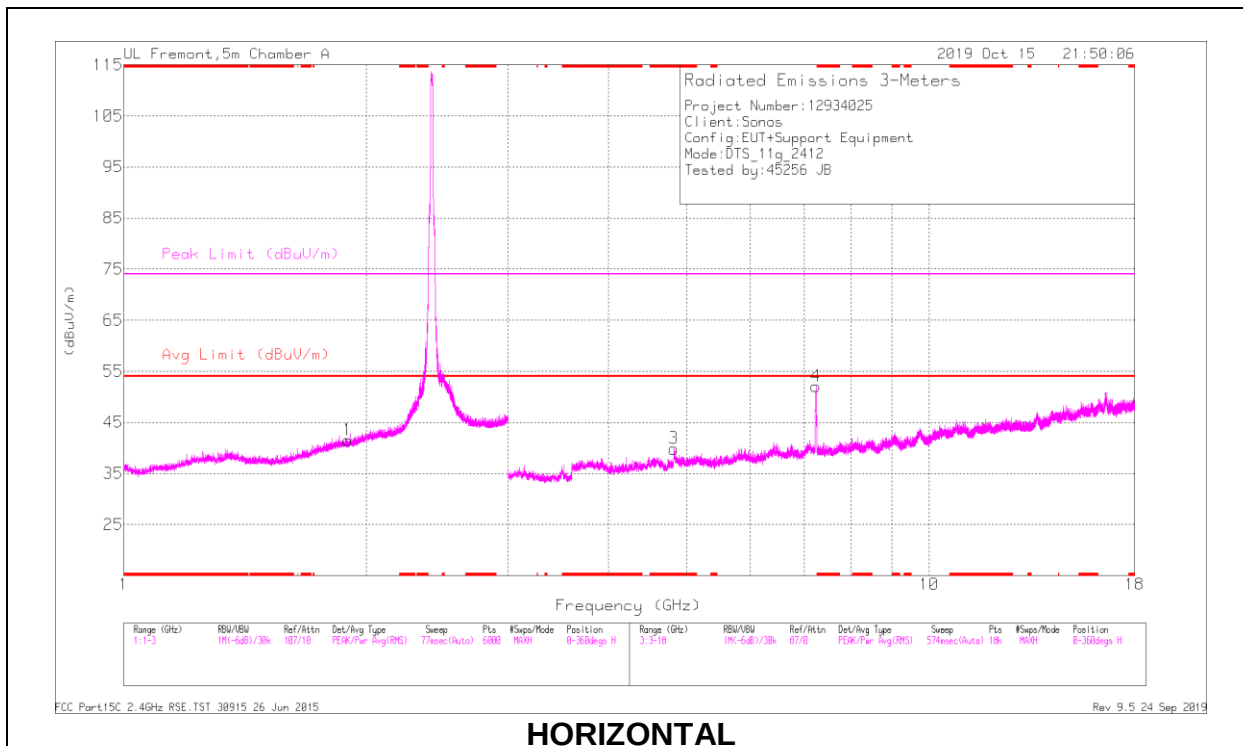
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

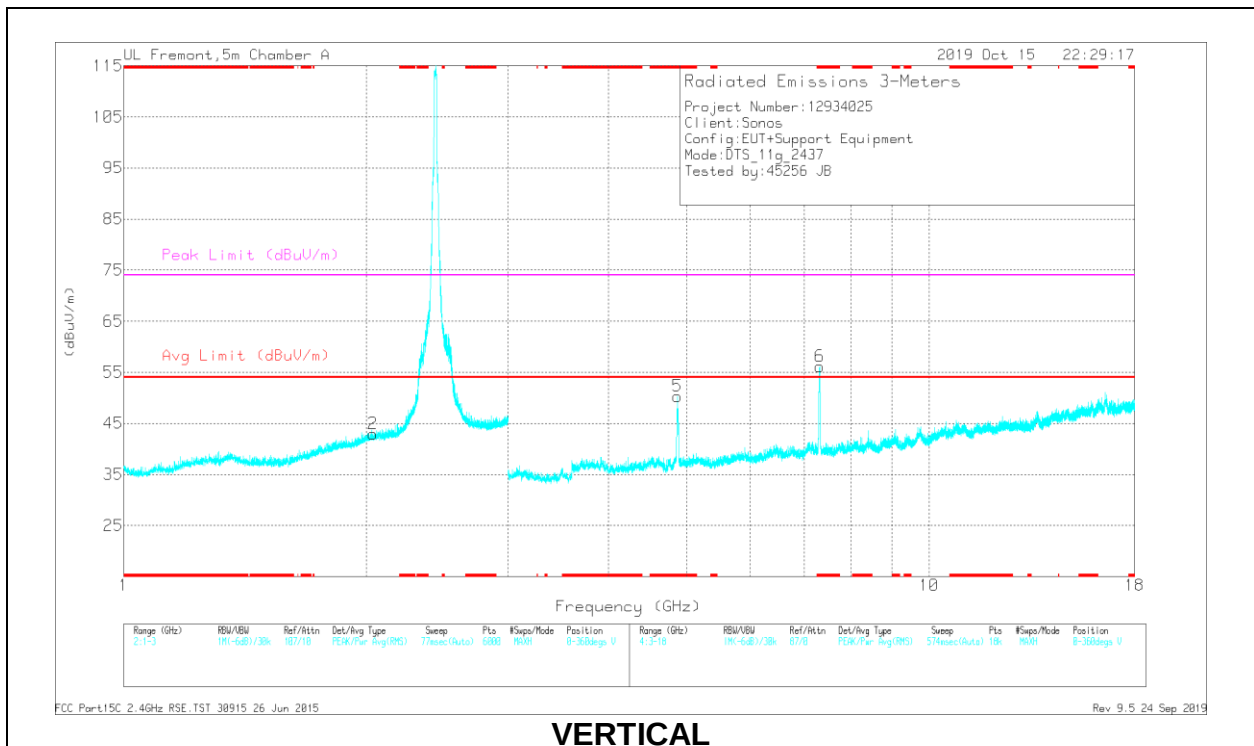
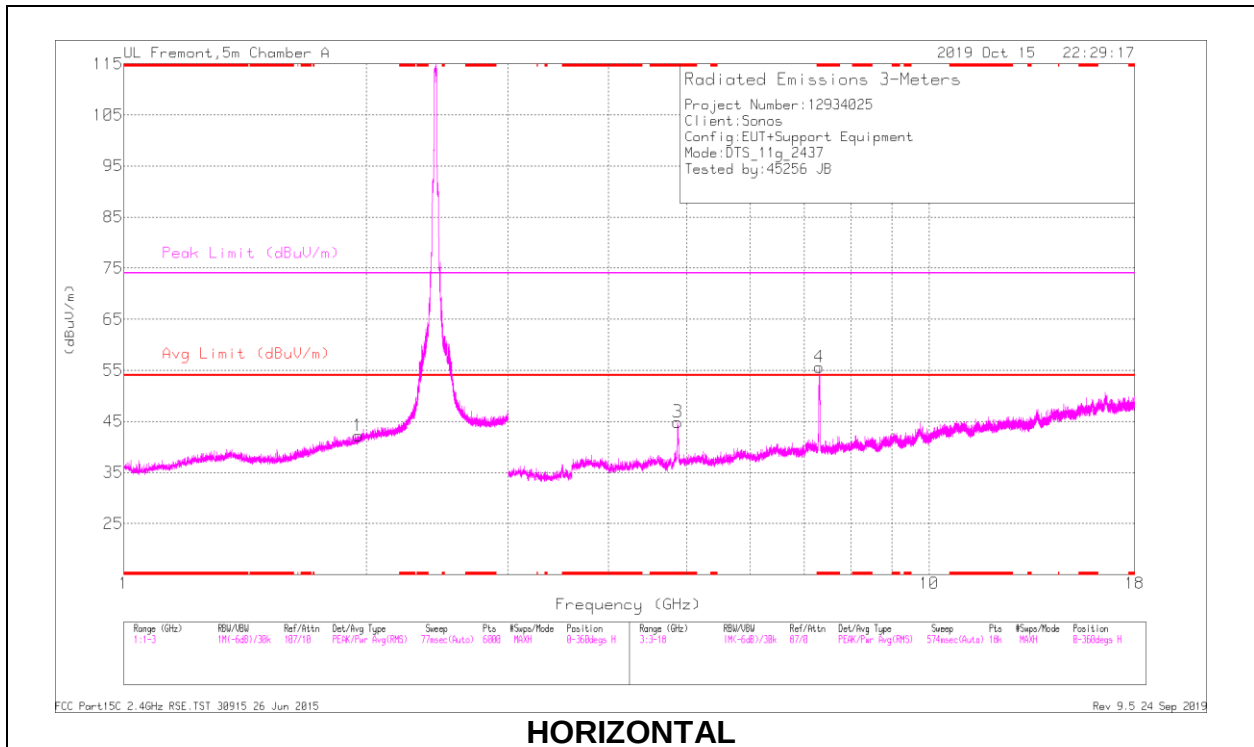
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.82036	40.97	PK2	34.4	-26.4	0	48.97	-	-	74	-25.03	13	122	H
	* 4.82013	28.2	MAv1	34.4	-26.4	0.32	36.52	54	-17.48	-	-	13	122	H
5	* 4.82145	43.01	PK2	34.4	-26.4	0	51.01	-	-	74	-22.99	115	137	V
	* 4.82206	30.3	MAv1	34.4	-26.4	0.32	38.62	54	-15.38	-	-	115	137	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

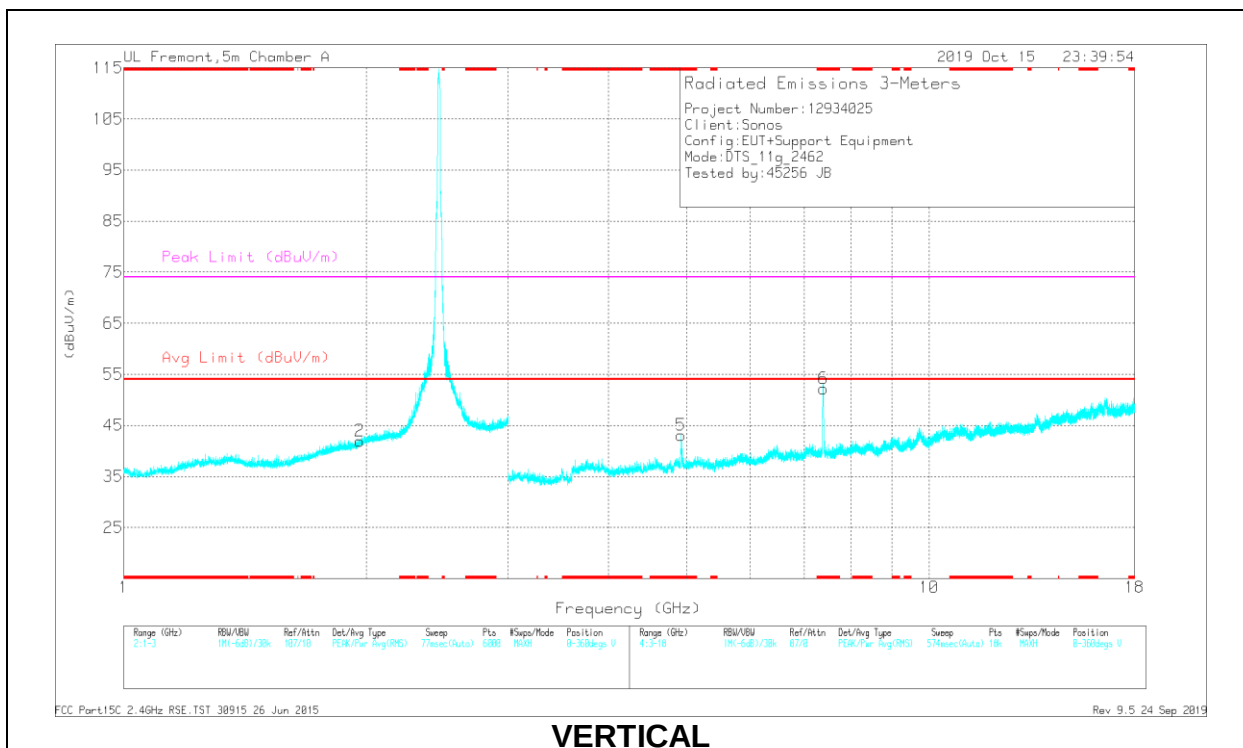
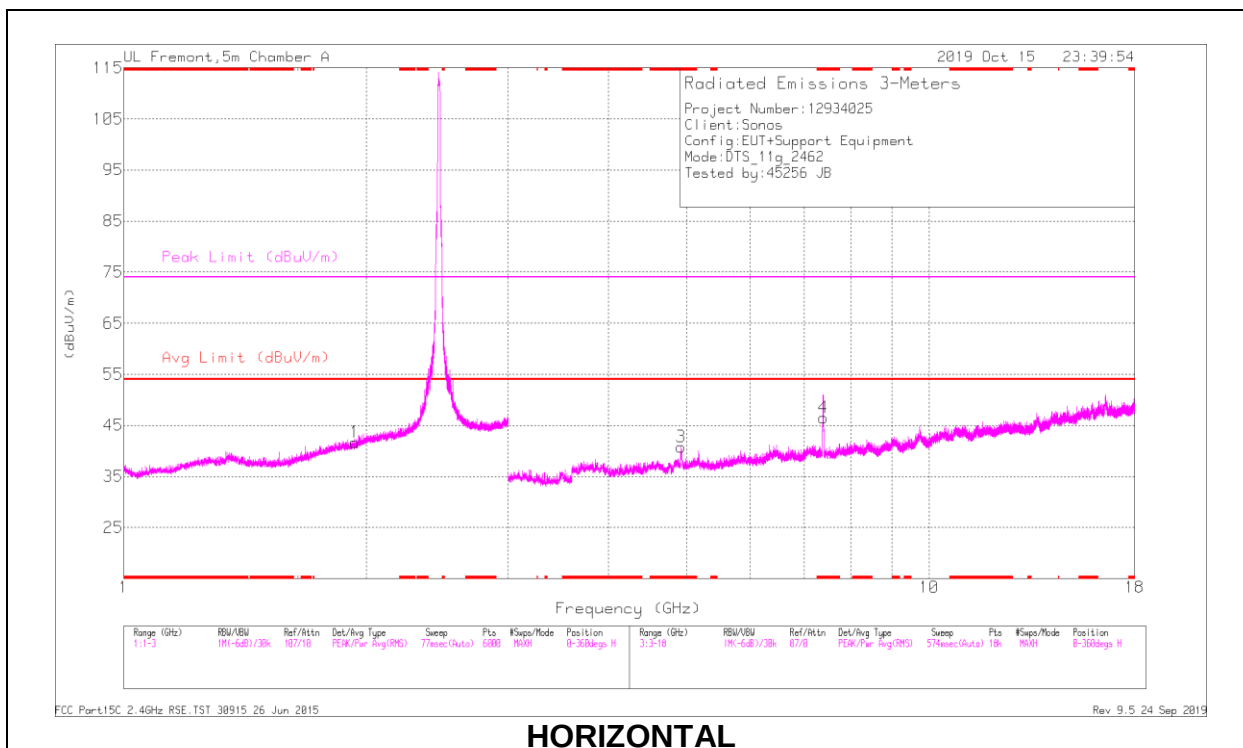
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.87375	41.5	PK2	34.1	-26.2	0	49.4	-	-	74	-24.6	41	108	H
	* 4.87367	30.18	MAv1	34.1	-26.2	0.32	38.4	54	-15.6	-	-	41	108	H
4	* 7.31224	49.4	PK2	35.7	-23.8	0	61.3	-	-	74	-12.7	105	126	H
	* 7.31222	37.59	MAv1	35.7	-23.8	0.32	49.81	54	-4.19	-	-	105	126	H
5	* 4.87602	42.5	PK2	34.2	-26.2	0	50.5	-	-	74	-23.5	115	102	V
	* 4.8723	30.25	MAv1	34.1	-26.2	0.32	38.47	54	-15.53	-	-	115	102	V
6	* 7.31261	51.87	PK2	35.7	-23.8	0	63.77	-	-	74	-10.23	101	142	V
	* 7.31242	39.51	MAv1	35.7	-23.8	0.32	51.73	54	-2.27	-	-	101	142	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

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/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
3	* 4.92204	41.27	PK2	34.2	-26.9	0	48.57	-	-	74	-25.43	12	144	H
	* 4.92164	28.67	MAv1	34.2	-26.9	0.32	36.29	54	-17.71	-	-	12	144	H
4	* 7.39496	43.05	PK2	35.6	-22.6	0	56.05	-	-	74	-17.95	10	241	H
	* 7.39566	28.1	MAv1	35.6	-22.6	0.32	41.42	54	-12.58	-	-	10	241	H
5	* 4.92597	42.81	PK2	34.2	-27	0	50.01	-	-	74	-23.99	110	169	V
	* 4.92573	29.18	MAv1	34.2	-26.9	0.32	36.8	54	-17.2	-	-	110	169	V
6	* 7.39465	45.56	PK2	35.6	-22.6	0	58.56	-	-	74	-15.44	106	161	V
	* 7.39378	30.98	MAv1	35.6	-22.6	0.32	44.3	54	-9.7	-	-	106	161	V

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

PK2 - KDB558074 Method: Maximum Peak

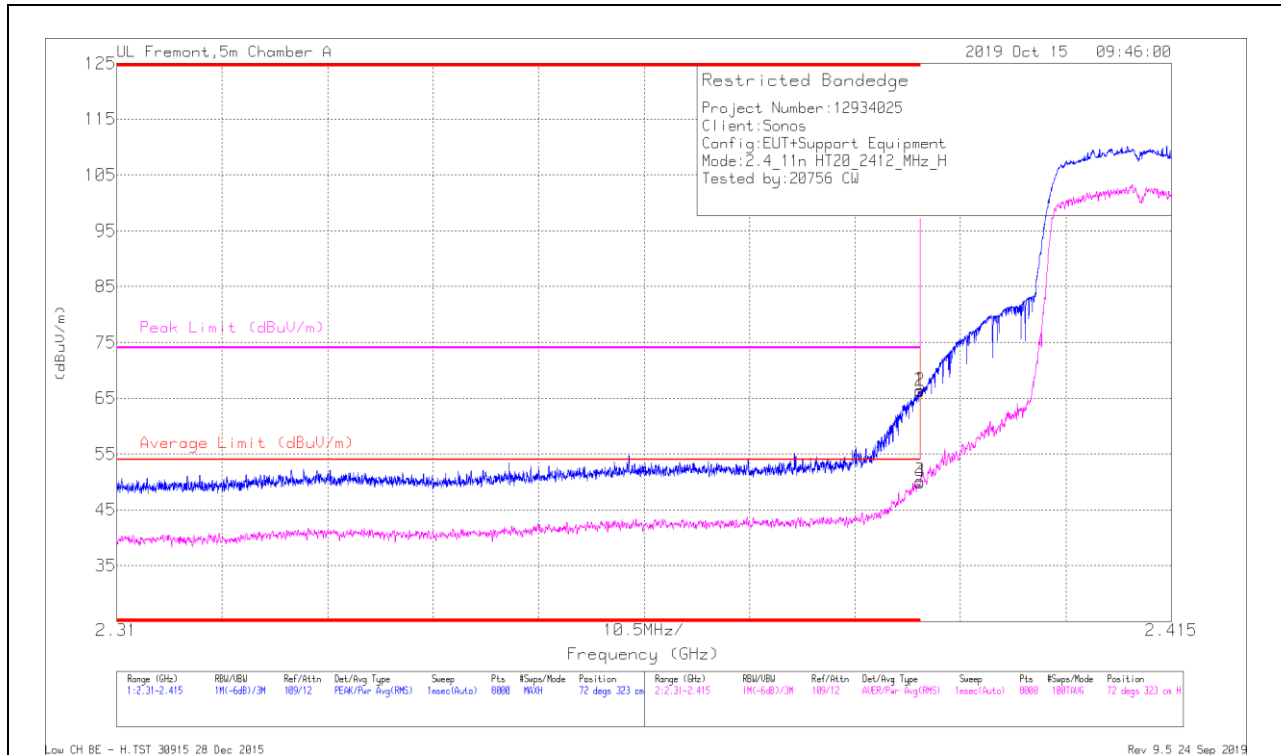
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



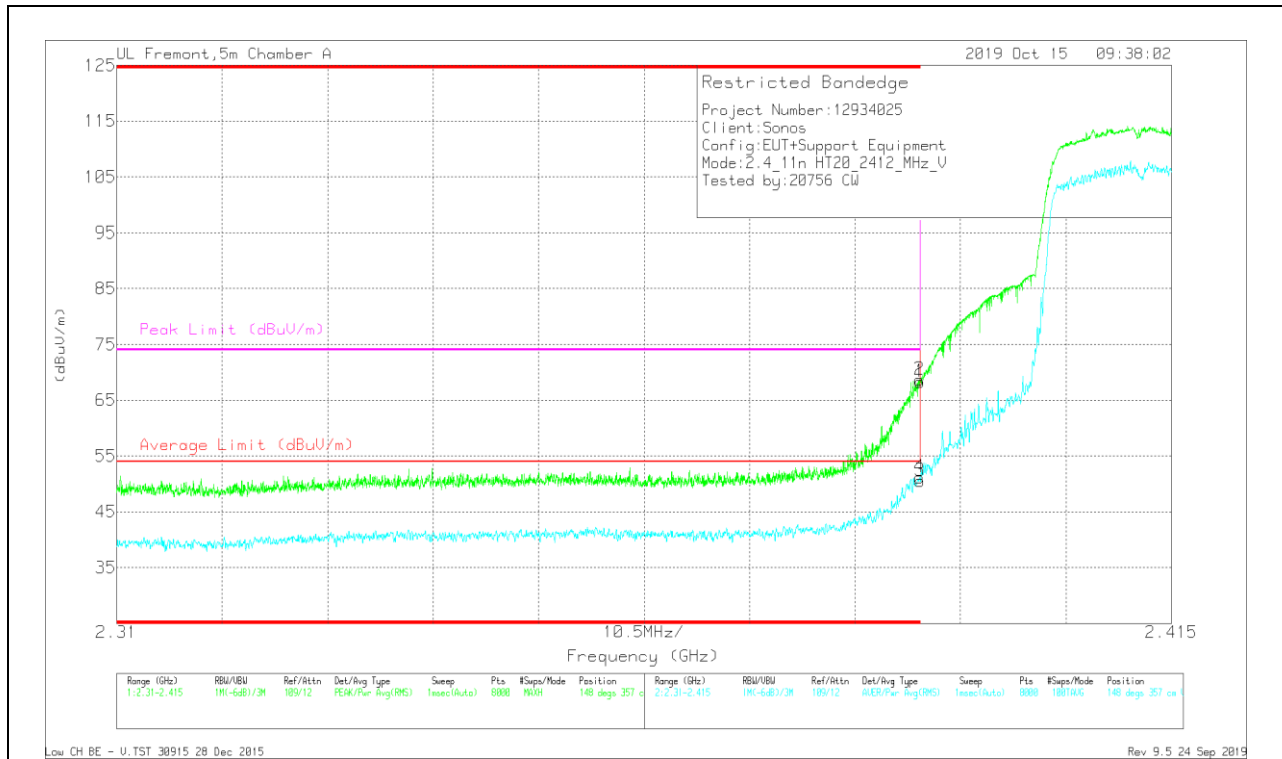
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Ctrl/Filt/Pd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.1	Pk	32.2	-20.9	0	66.4	-	-	74	-7.6	72	323	H
2	* 2.39998	54.99	Pk	32.2	-20.9	0	66.29	-	-	74	-7.71	72	323	H
3	* 2.39	38.57	RMS	32.2	-20.9	0.41	50.28	54	-3.72	-	-	72	323	H
4	* 2.39998	38.33	RMS	32.2	-20.9	0.41	50.04	54	-3.96	-	-	72	323	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	AF T346 (dBm)	AmpChmFiltPwr (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	57	PK	32.2	-20.9	0	68.3	-	-	74	-5.7	148	357	V
2	* 2.38989	57.35	PK	32.2	-20.9	0	68.65	-	-	74	-5.35	148	357	V
3	* 2.39	38.9	RMS	32.2	-20.9	0.41	50.61	54	-3.39	-	-	148	357	V
4	* 2.38993	39.52	RMS	32.2	-20.9	0.41	51.23	54	-2.77	-	-	148	357	V

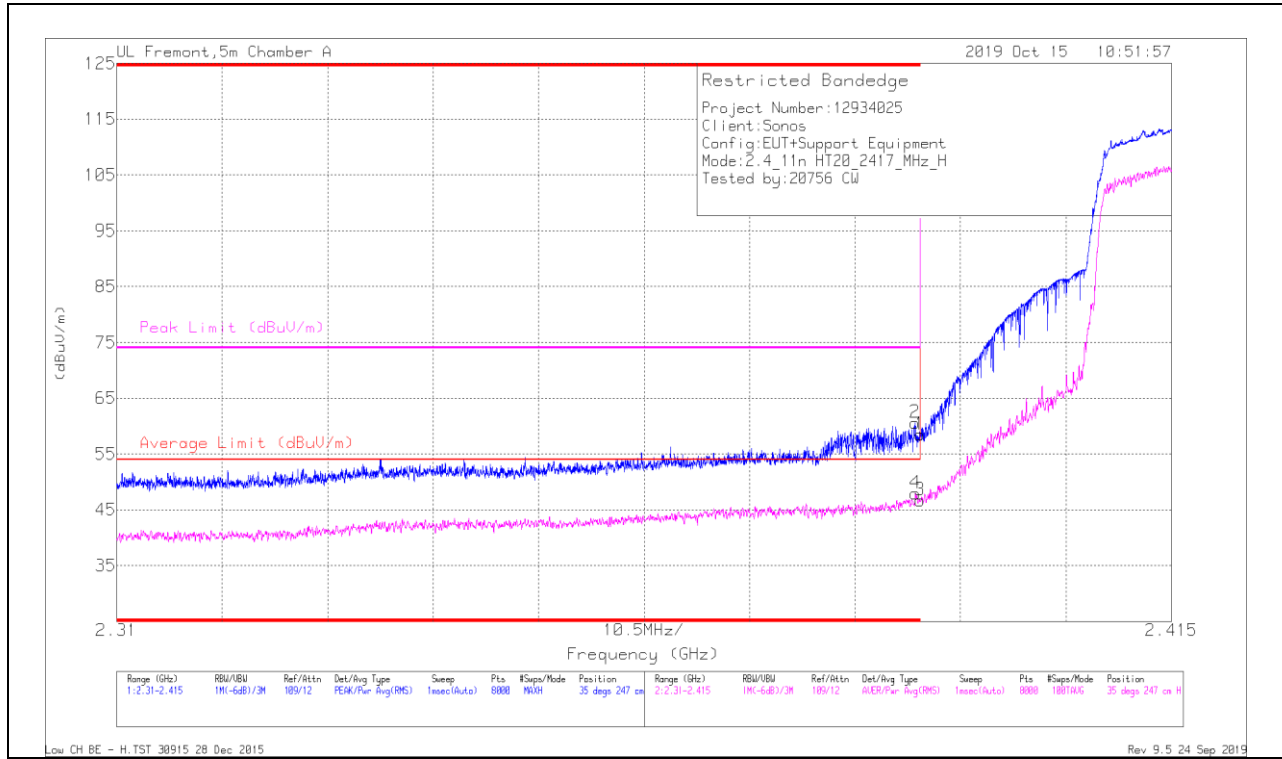
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Ctrl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	47.22	Pk	32.2	-20.9	0	58.52	-	-	74	-15.48	35	247	H
2	* 2.39947	49.26	PK	32.2	-20.9	0	60.56	-	-	74	-13.44	35	247	H
3	* 2.39	35.12	RMS	32.2	-20.9	0.41	46.83	54	-7.17	-	-	35	247	H
4	* 2.39951	36.37	RMS	32.2	-20.9	0.41	48.08	54	-5.92	-	-	35	247	H

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

Pk - Peak detector

RMS - RMS detection