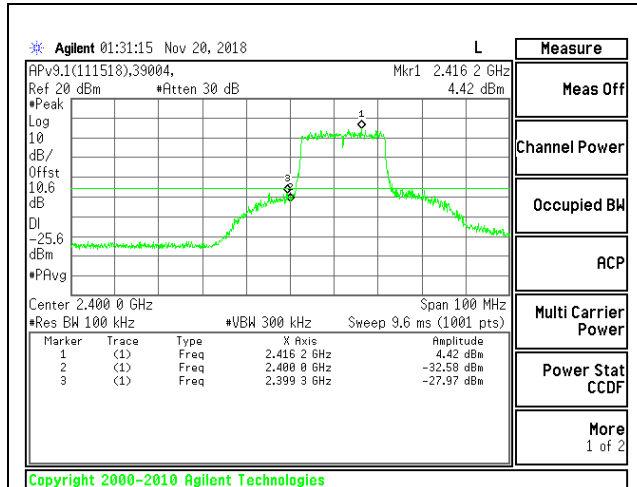
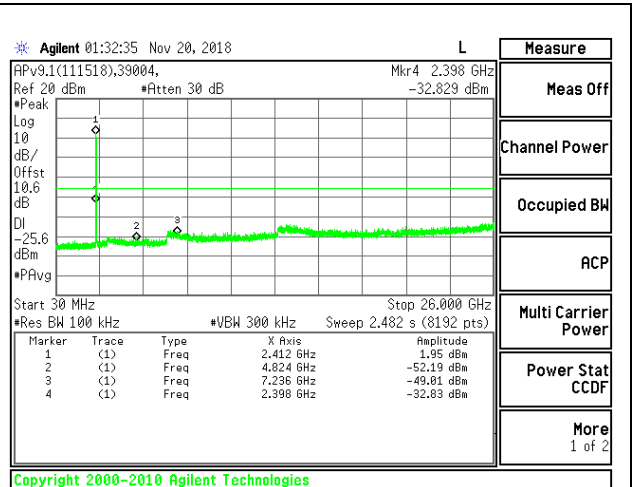


8.6.4. 802.11ax HE20 MODE

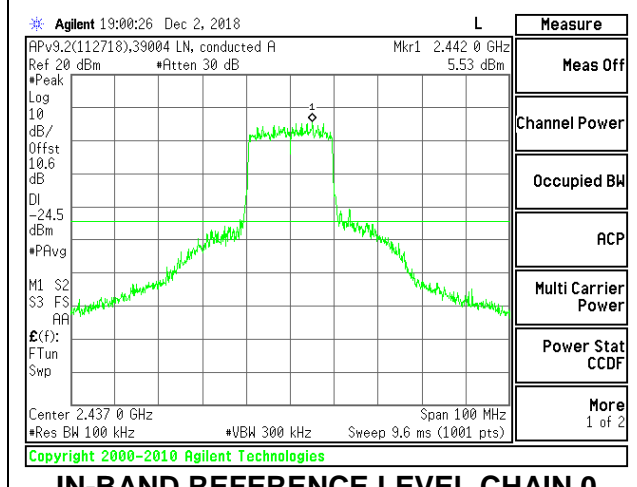
2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU index 61



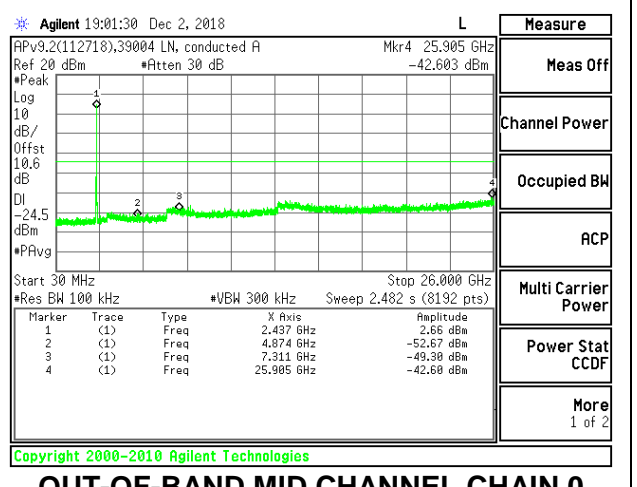
LOW CHANNEL 1 BANDEDGE CHAIN 0



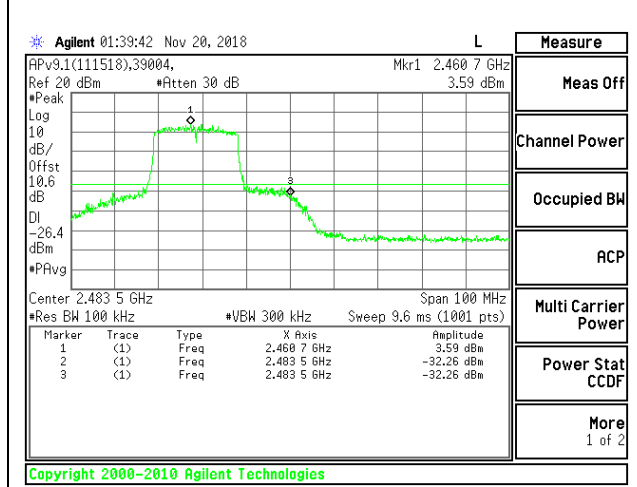
OUT-OF-BAND LOW CHANNEL 1 CHAIN 0



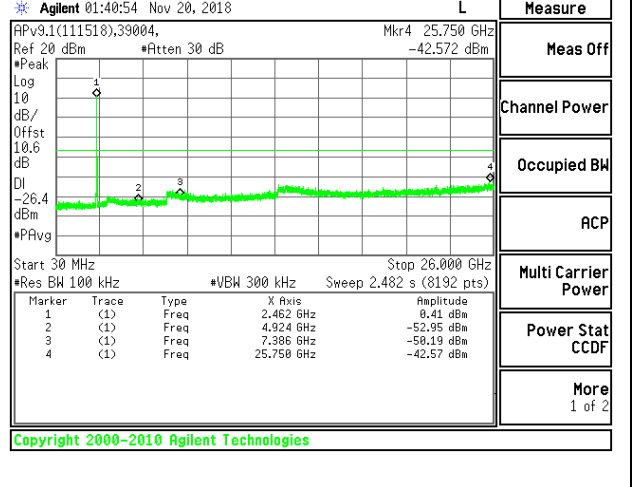
IN-BAND REFERENCE LEVEL CHAIN 0



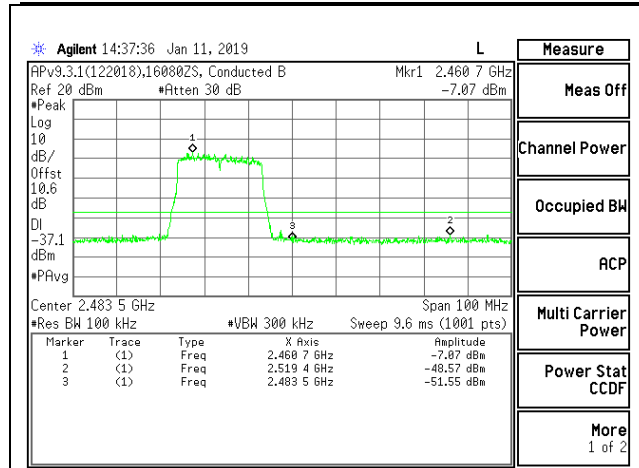
OUT-OF-BAND MID CHANNEL CHAIN 0



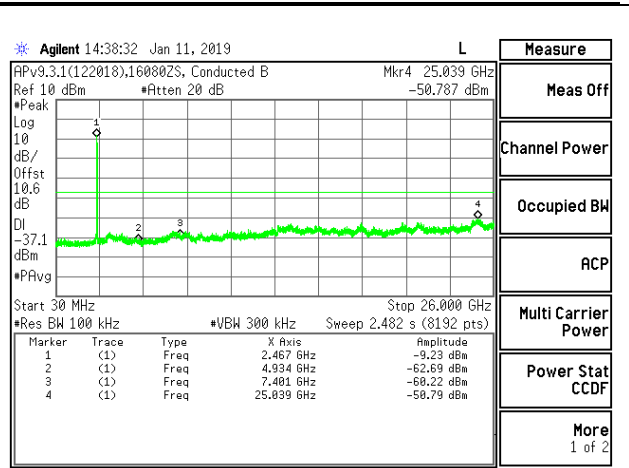
HIGH CHANNEL 11 BANDEDGE CHAIN 0



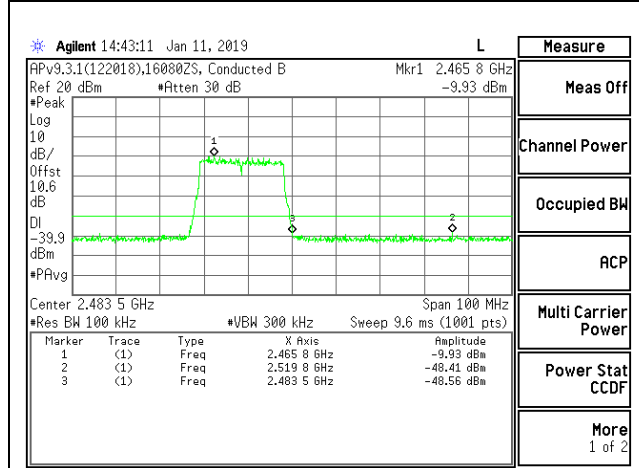
OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0



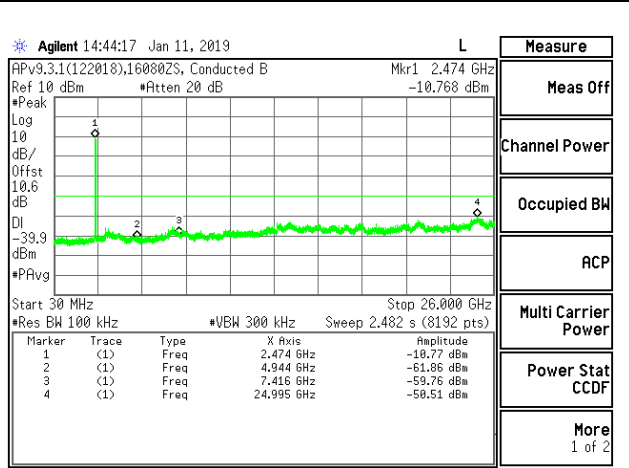
HIGH CHANNEL 12 BANDEDGE CHAIN 0



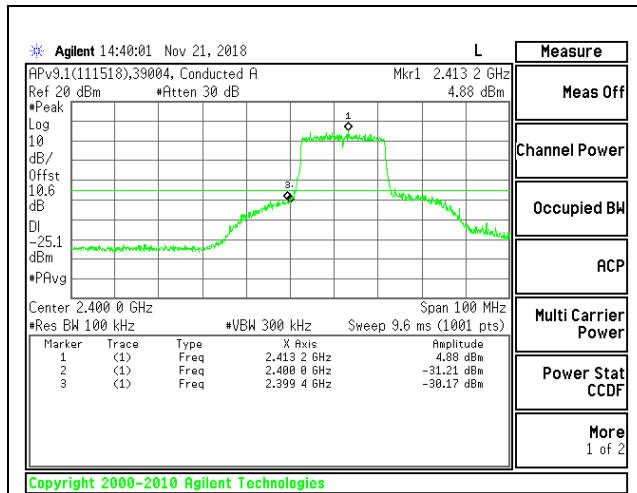
OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0



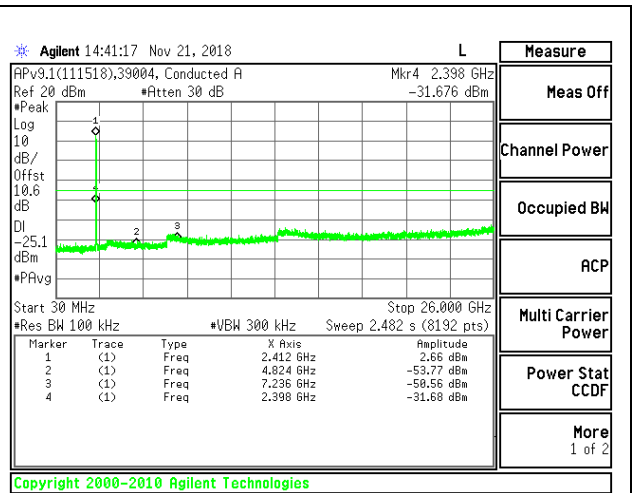
HIGH CHANNEL 13 BANDEDGE CHAIN 0



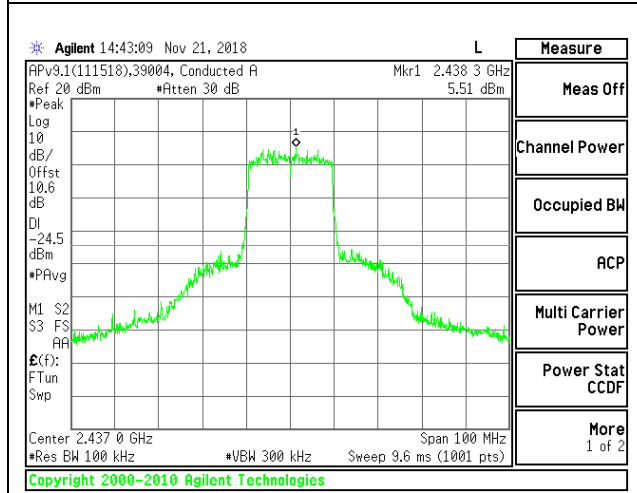
OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0



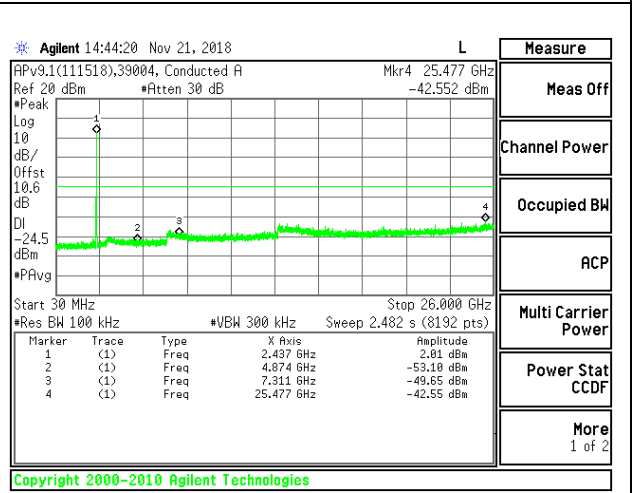
LOW CHANNEL 1 BANDEDGE CHAIN 1



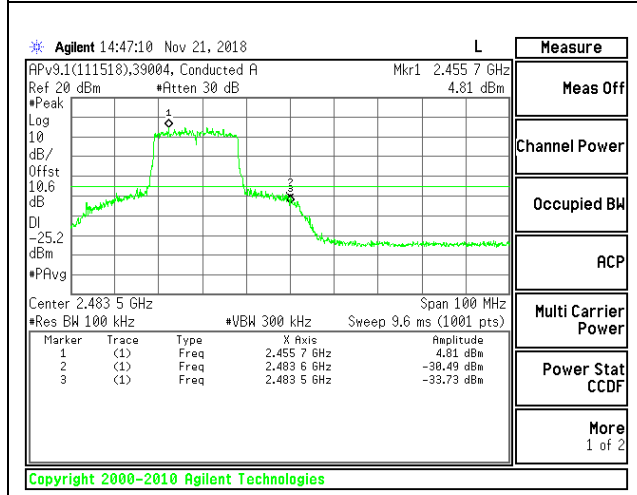
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1



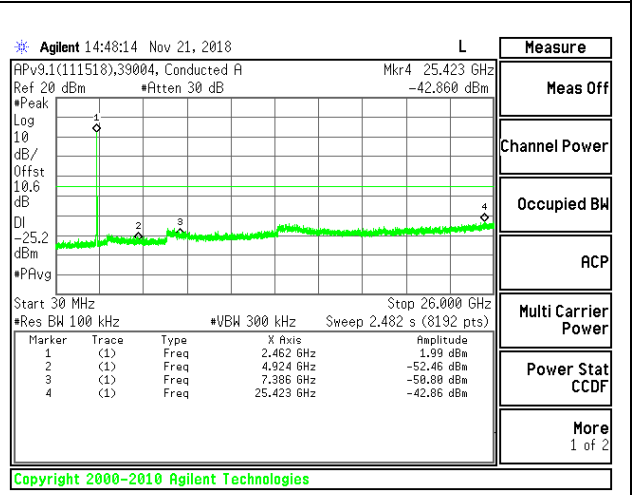
IN-BAND REFERENCE LEVEL CHAIN 1



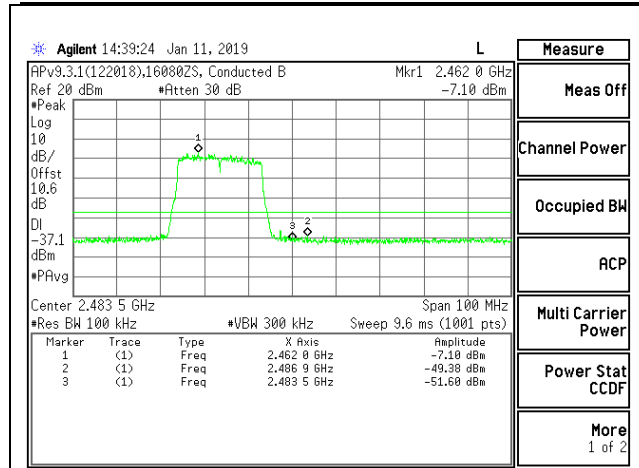
OUT-OF-BAND MID CHANNEL 1 CHAIN 1



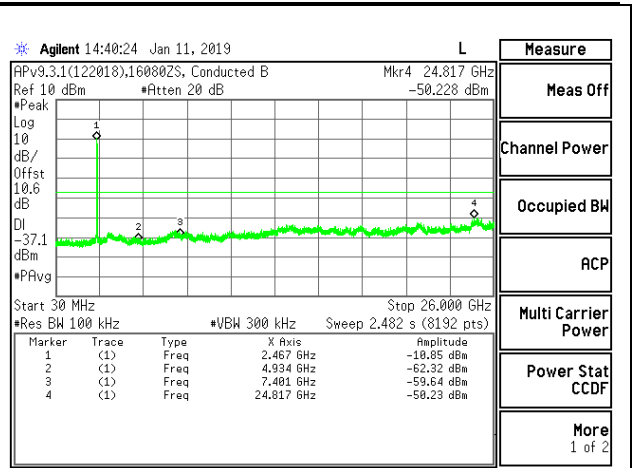
HIGH CHANNEL 11 BANDEDGE CHAIN 1



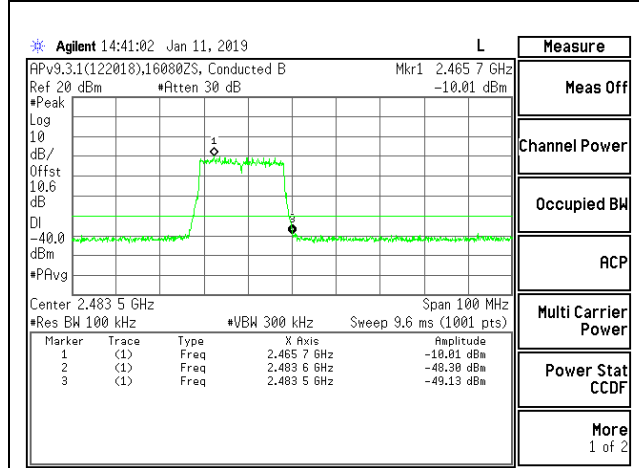
OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1



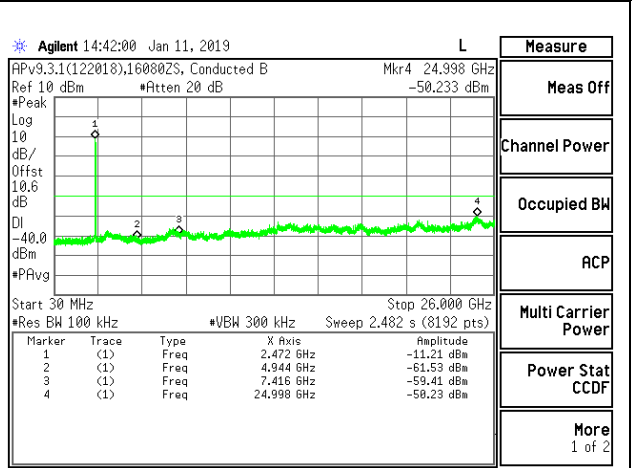
HIGH CHANNEL 12 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 12 CHAIN 1

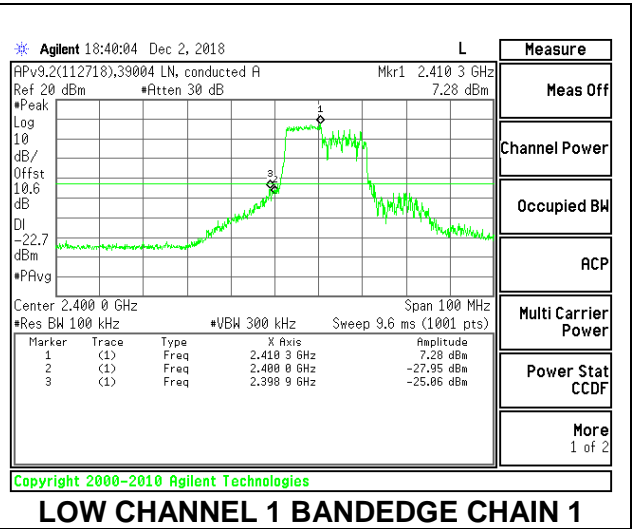
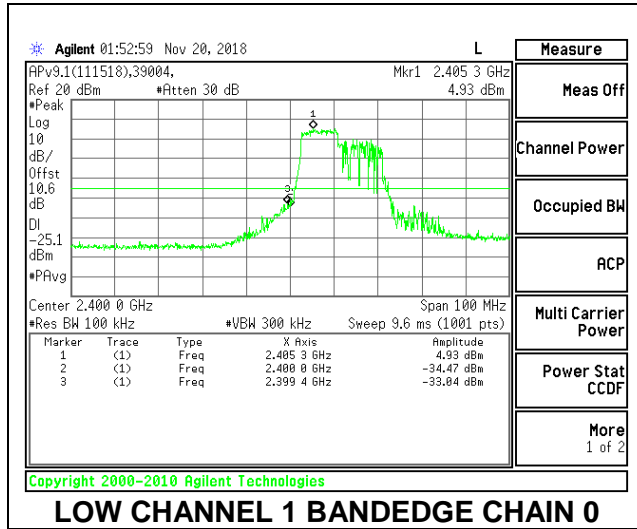


HIGH CHANNEL 13 BANDEDGE CHAIN 1

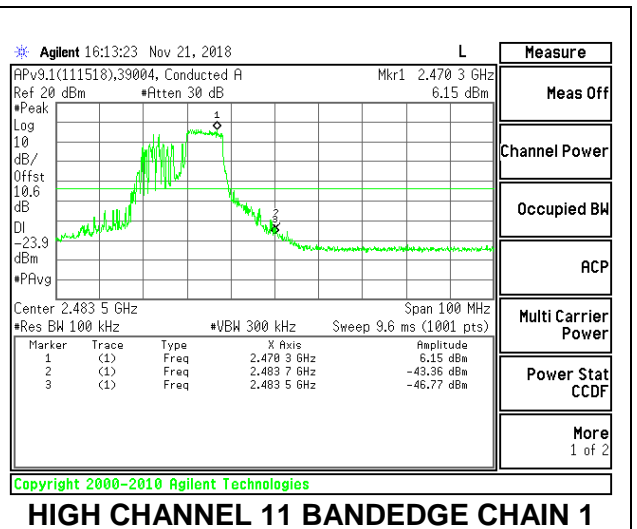
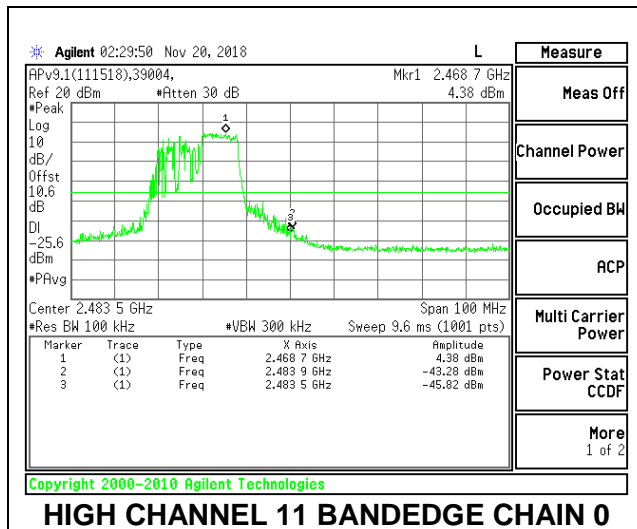


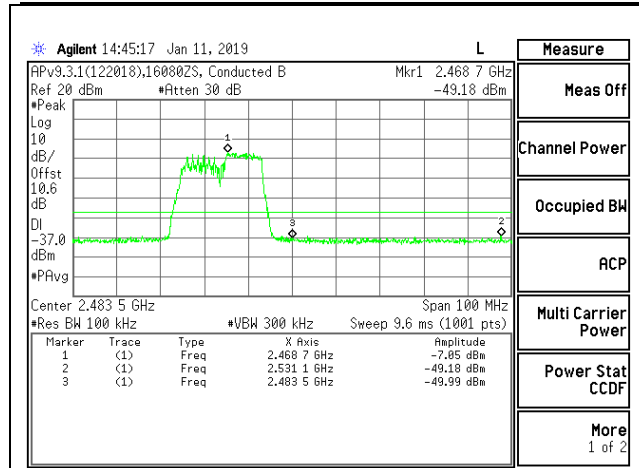
OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU index 53

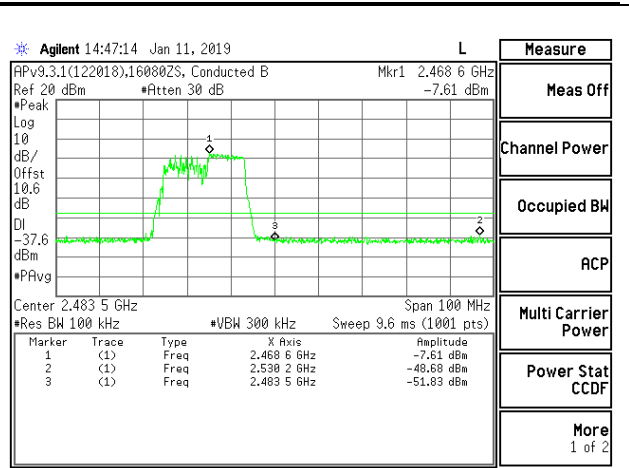


2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU index 54

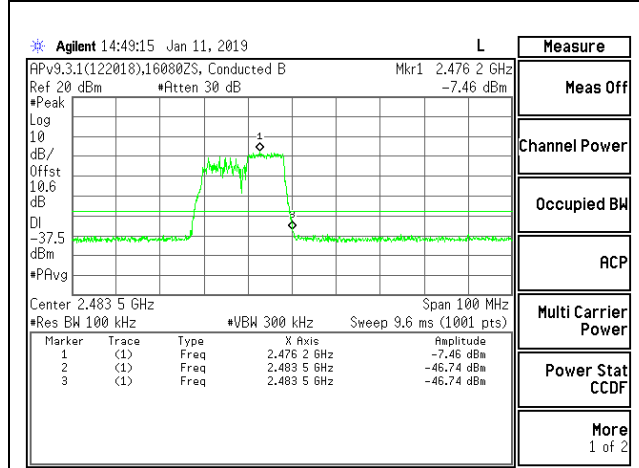




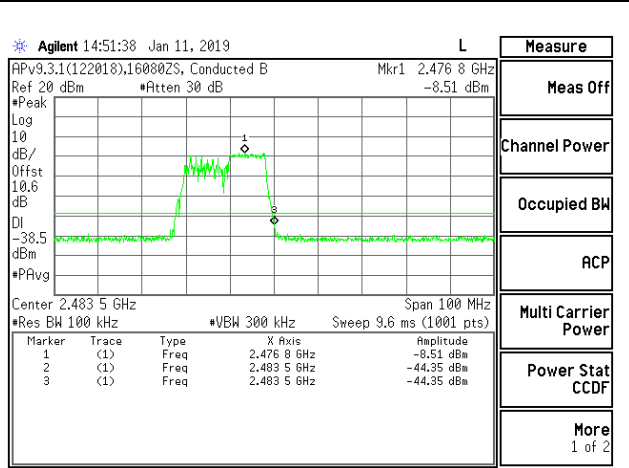
HIGH CHANNEL 12 BANDEDGE CHAIN 0



HIGH CHANNEL 12 BANDEDGE CHAIN 1

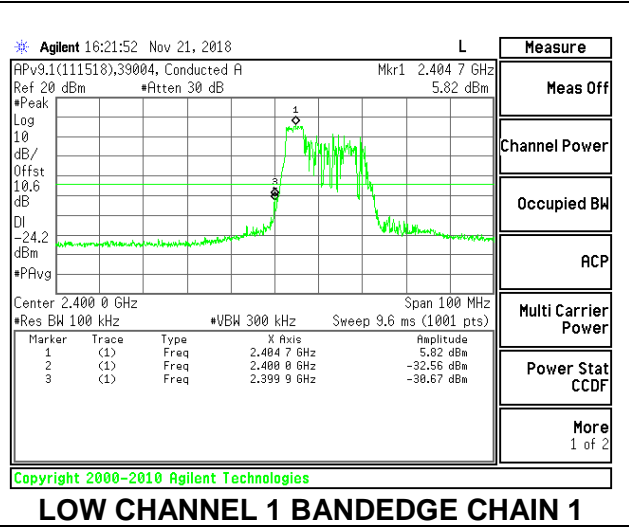
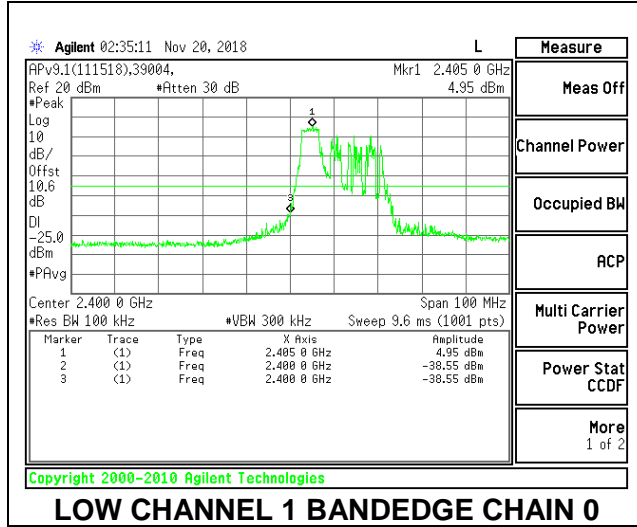


HIGH CHANNEL 13 BANDEDGE CHAIN 0

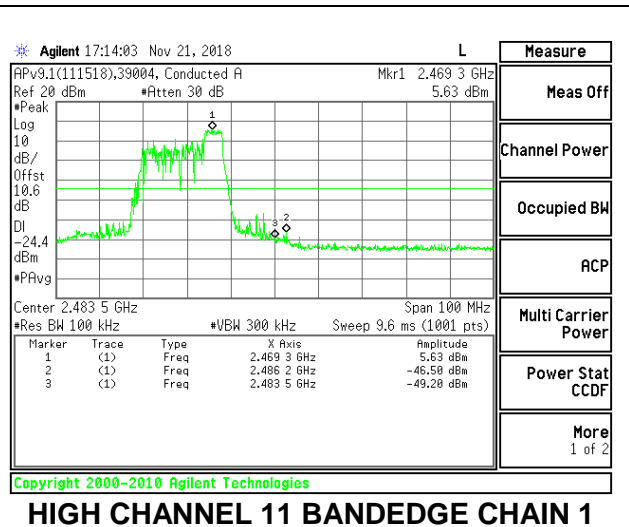
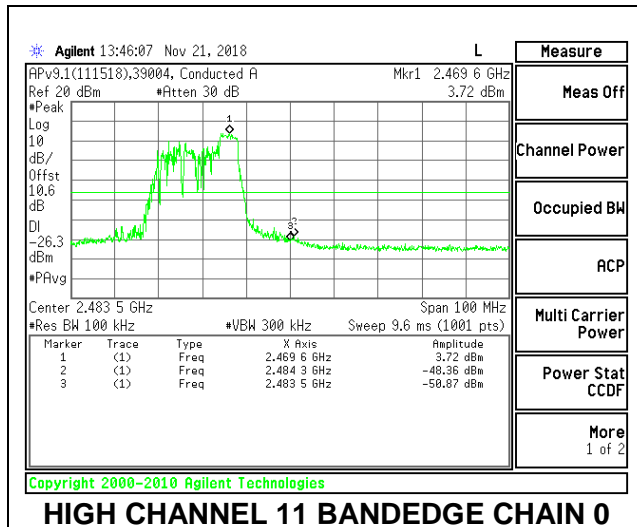


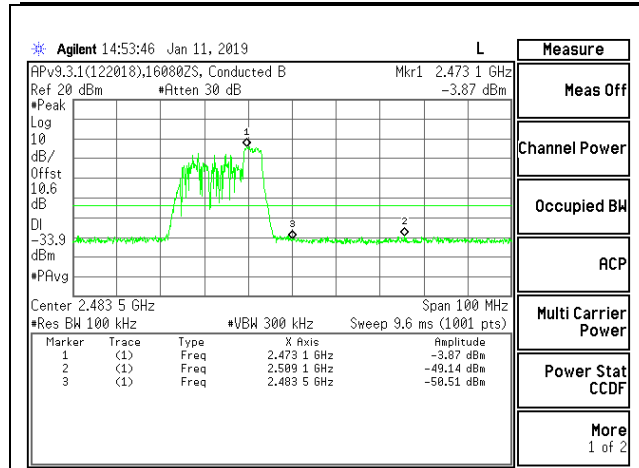
HIGH CHANNEL 13 BANDEDGE CHAIN 1

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU index 37

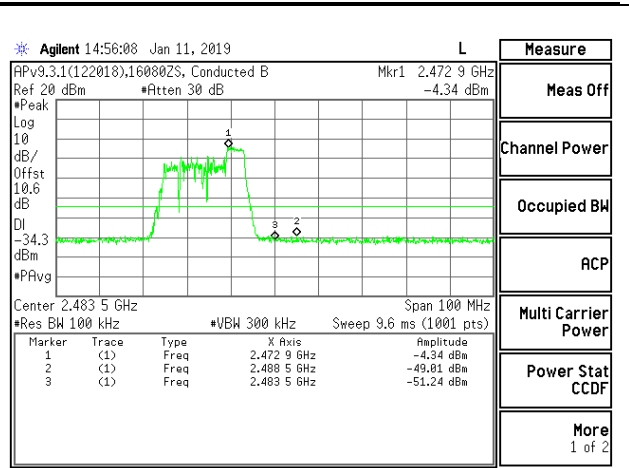


2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU index 40

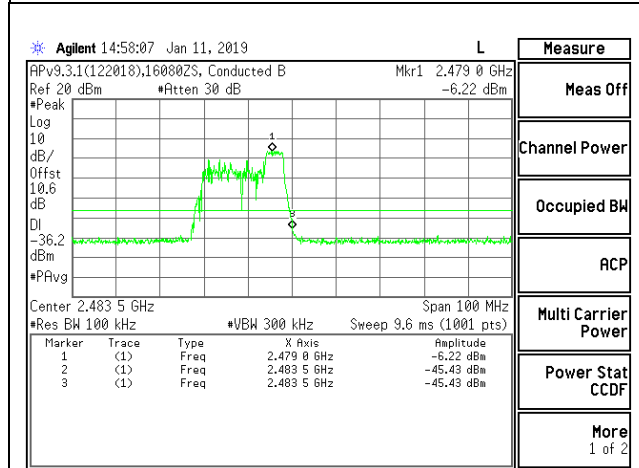




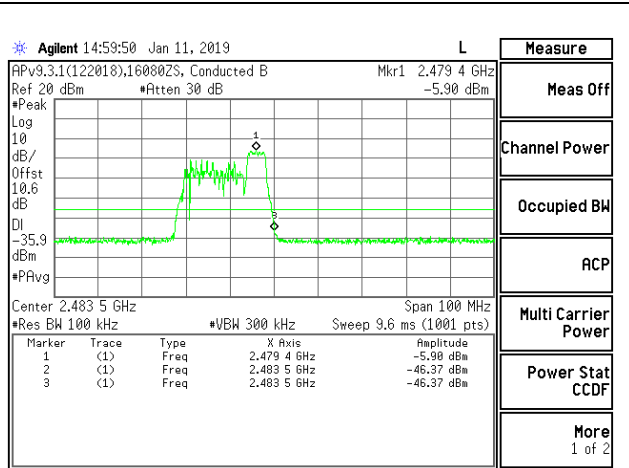
HIGH CHANNEL 12 BANDEDGE CHAIN 0



HIGH CHANNEL 12 BANDEDGE CHAIN 1

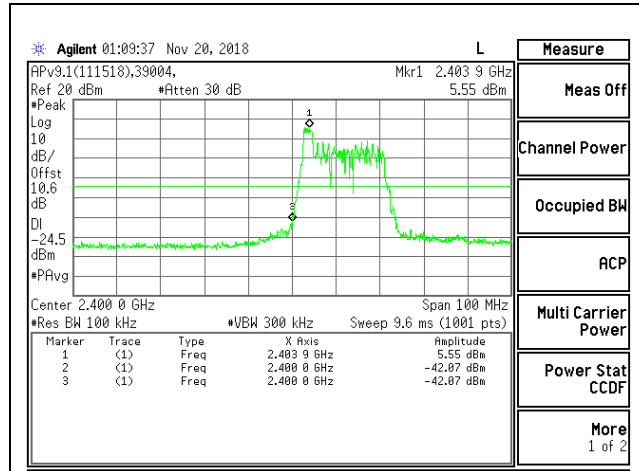


HIGH CHANNEL 13 BANDEDGE CHAIN 0



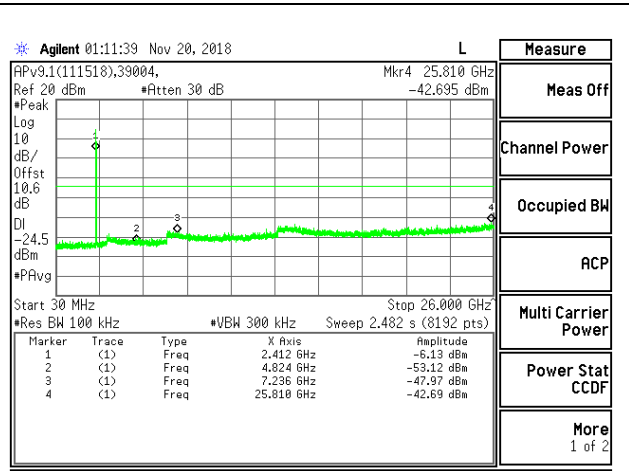
HIGH CHANNEL 13 BANDEDGE CHAIN 1

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU index 0



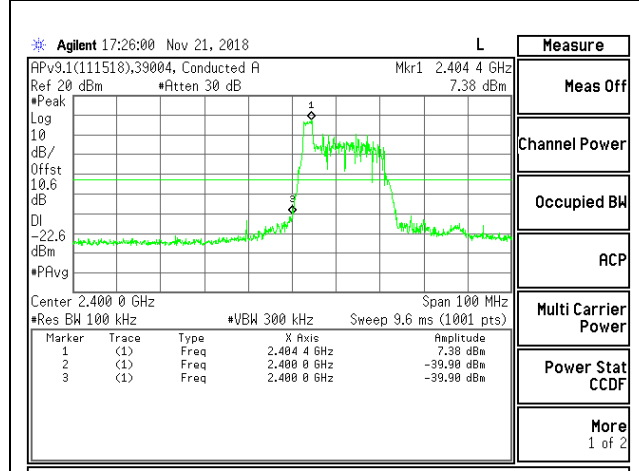
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LOW CHANNEL 1 BANDEDGE CHAIN 0



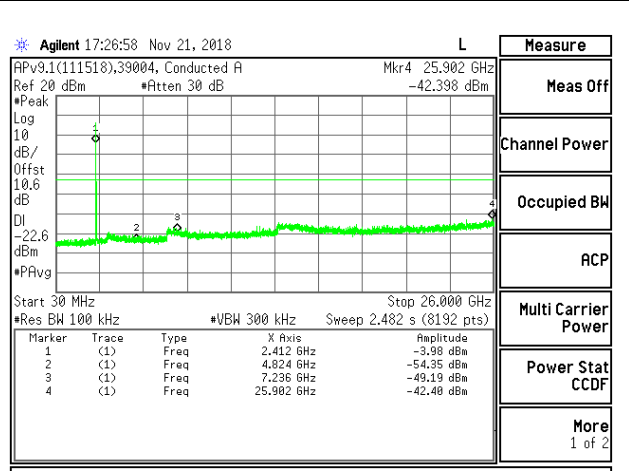
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OUT-OF-BAND LOW CHANNEL 1 CHAIN 0



Copyright 2000-2010 Agilent Technologies

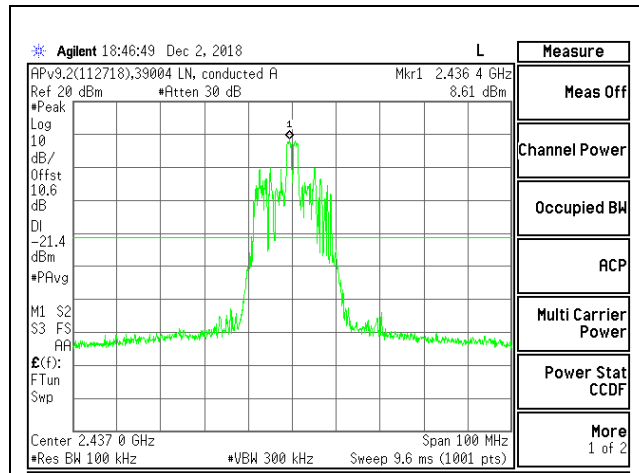
LOW CHANNEL 1 BANDEDGE CHAIN 1



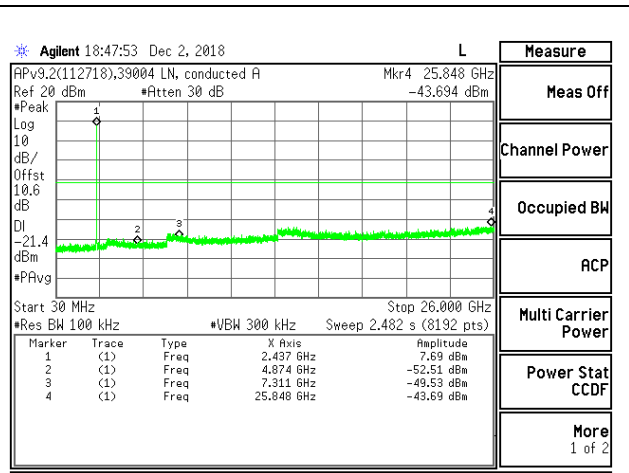
Copyright 2000-2010 Agilent Technologies

OUT-OF-BAND LOW CHANNEL 1 CHAIN 1

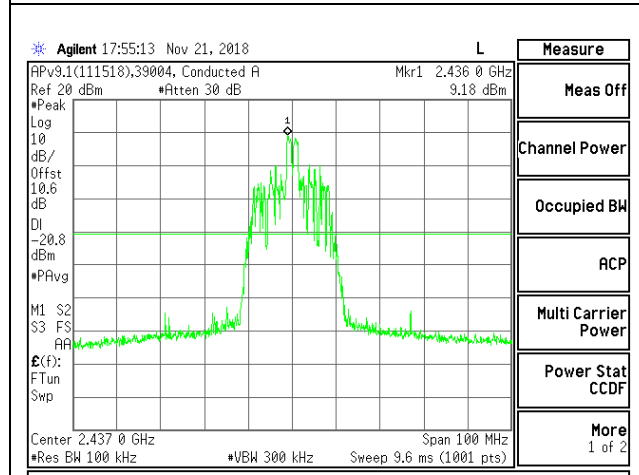
2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU index 4



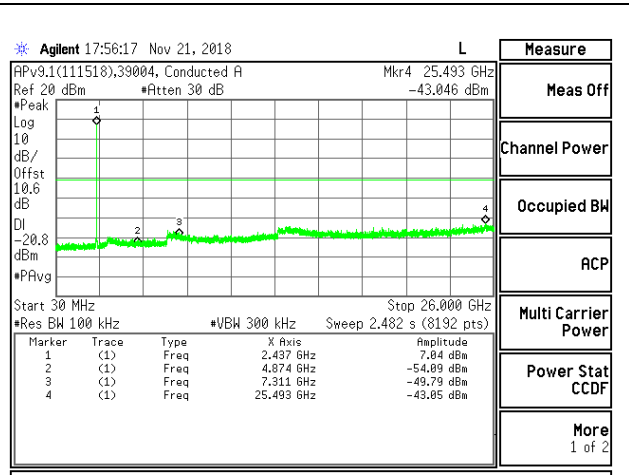
IN-BAND REFERENCE LEVEL CHAIN 0



OUT-OF-BAND MID CHANNEL CHAIN 0

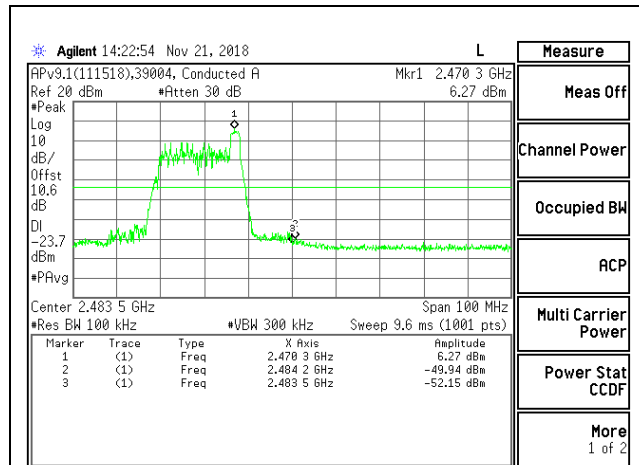


IN-BAND REFERENCE LEVEL CHAIN 1



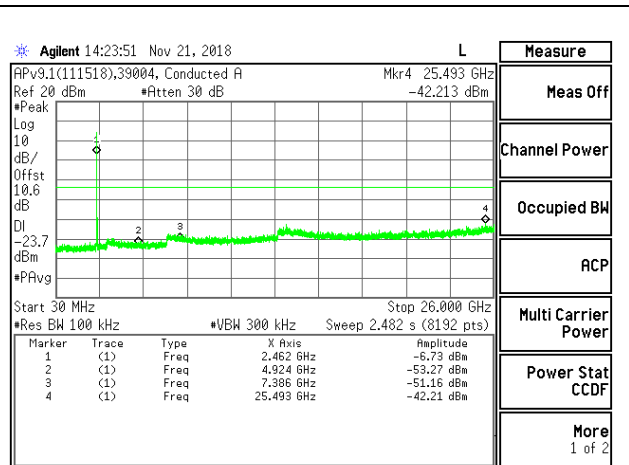
OUT-OF-BAND MID CHANNEL CHAIN 1

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU index 8



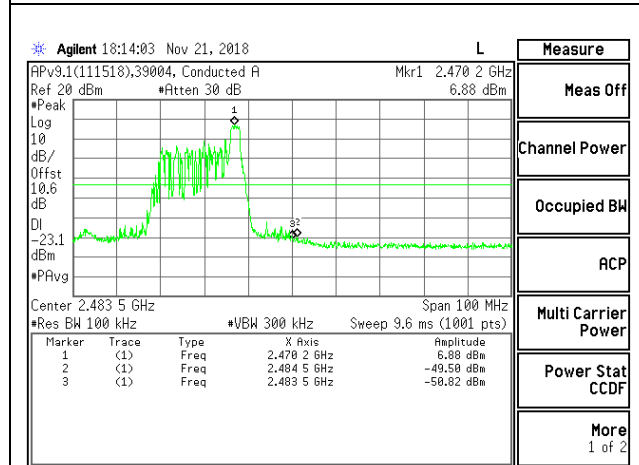
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HIGH CHANNEL 11 BANDEDGE CHAIN 0



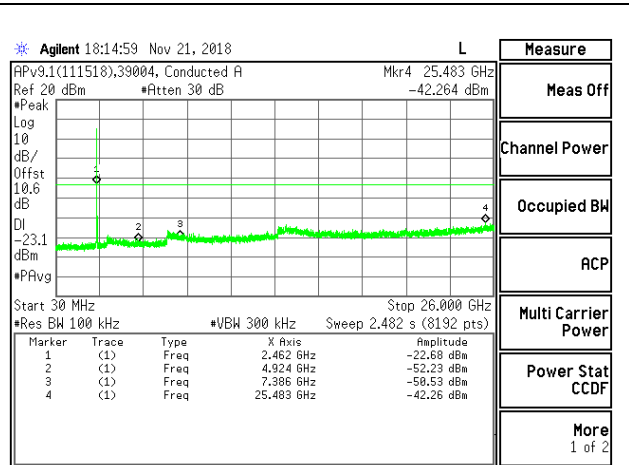
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OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0



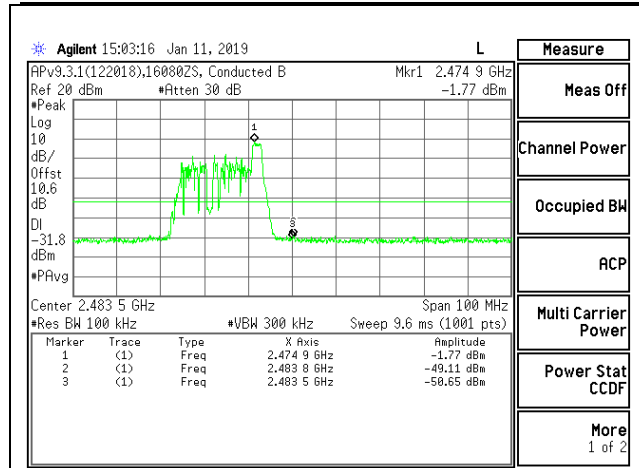
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HIGH CHANNEL 11 BANDEDGE CHAIN 1

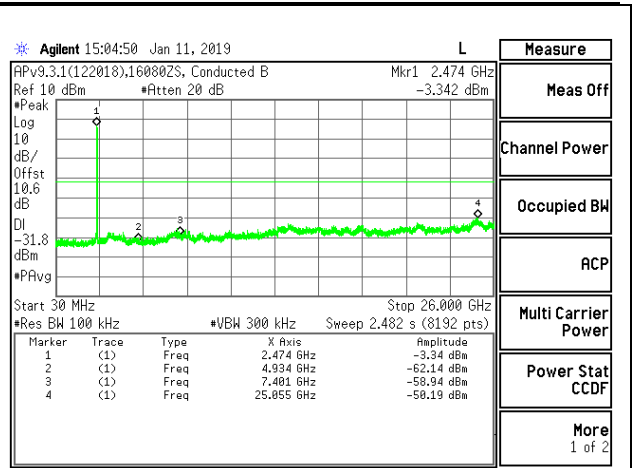


Copyright 2000-2010 Agilent Technologies

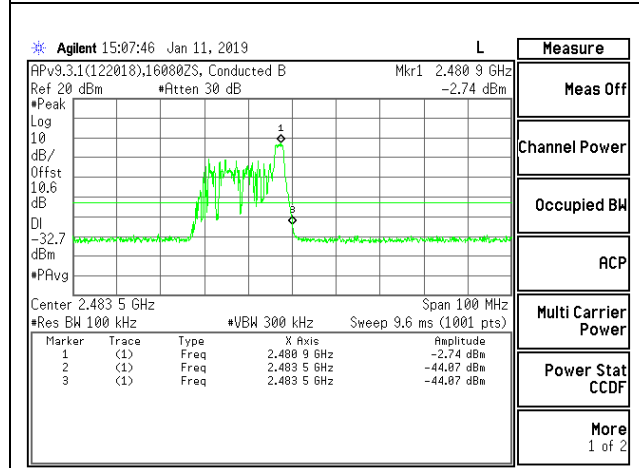
OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1



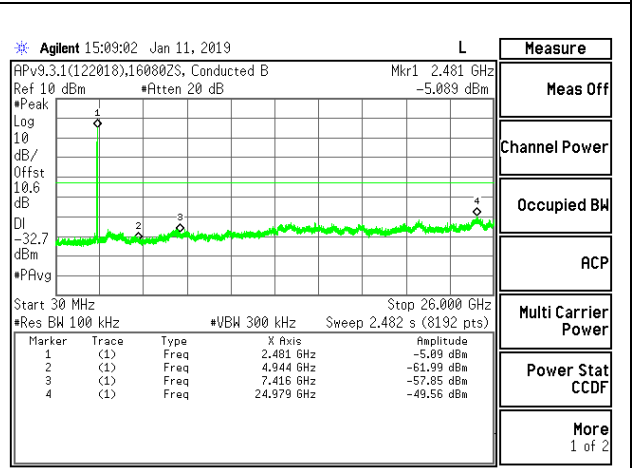
HIGH CHANNEL 12 BANDEDGE CHAIN 0



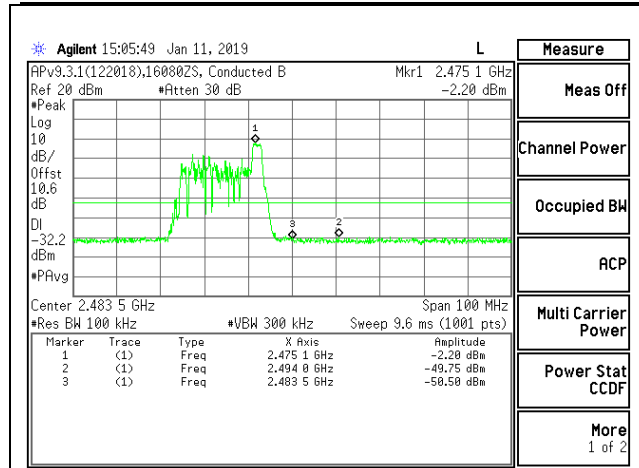
OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0



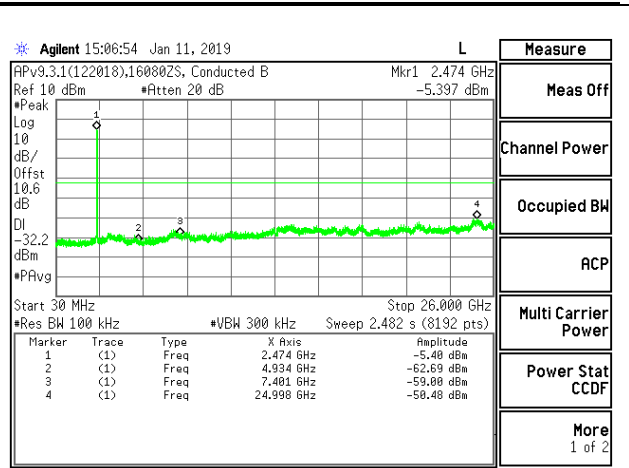
HIGH CHANNEL 13 BANDEDGE CHAIN 1



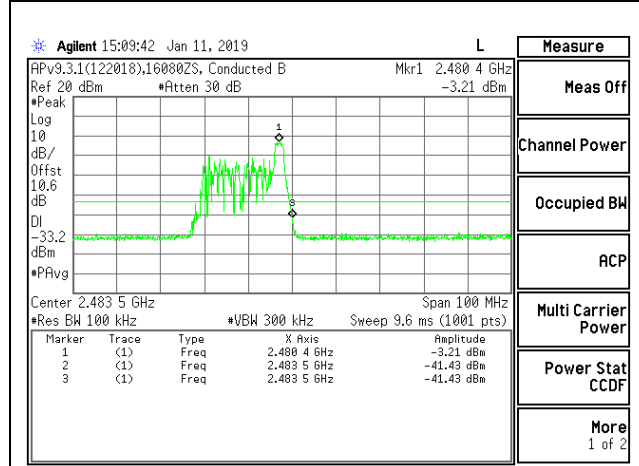
OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1



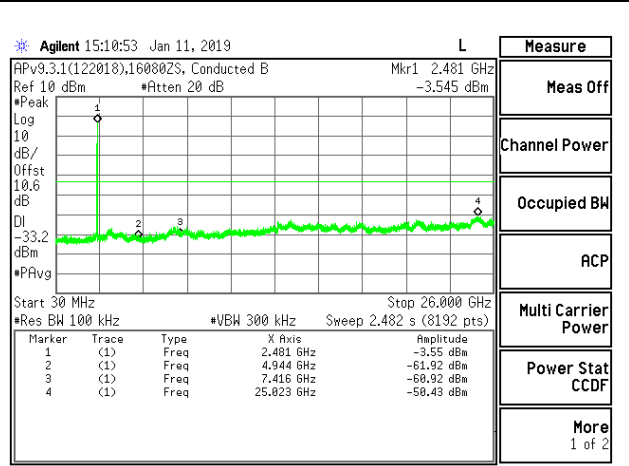
HIGH CHANNEL 12 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0



HIGH CHANNEL 13 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

9. RADIATED TEST RESULTS

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 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.

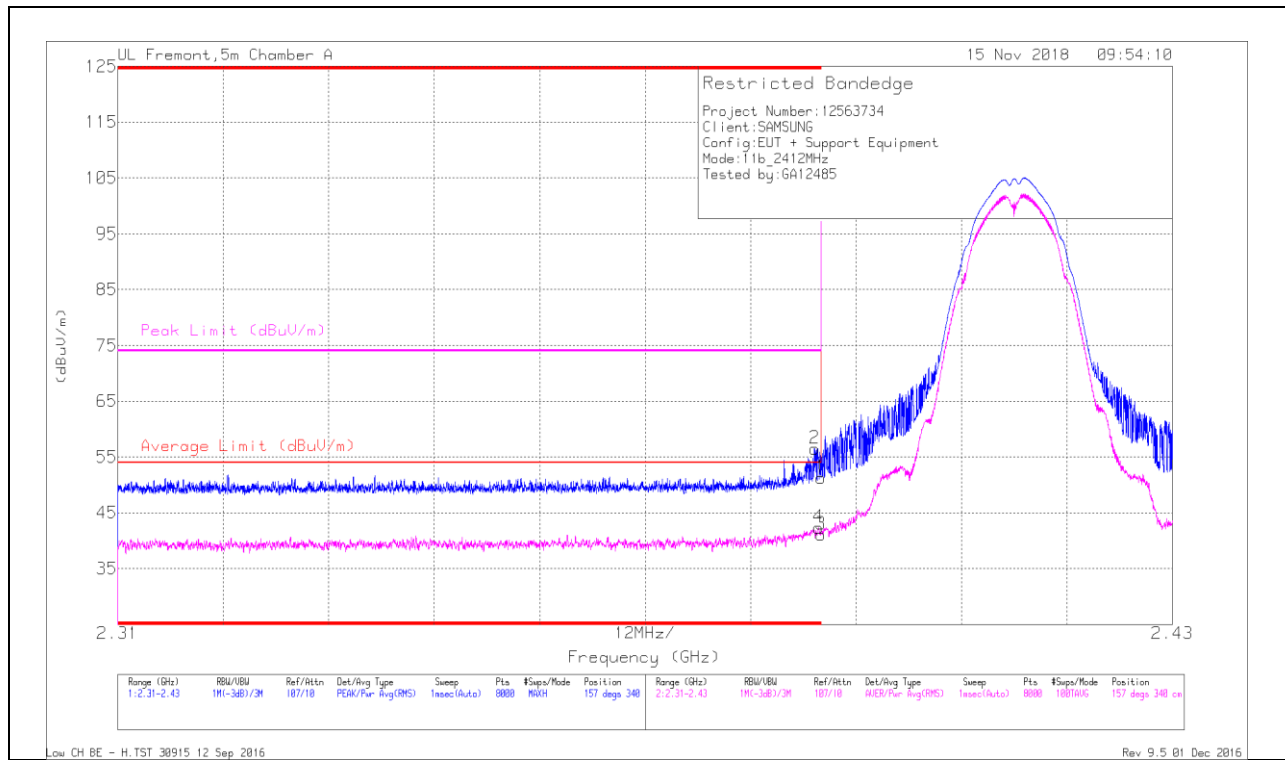
9.1. TRANSMITTER ABOVE 1 GHz

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

1TX Chain 0 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



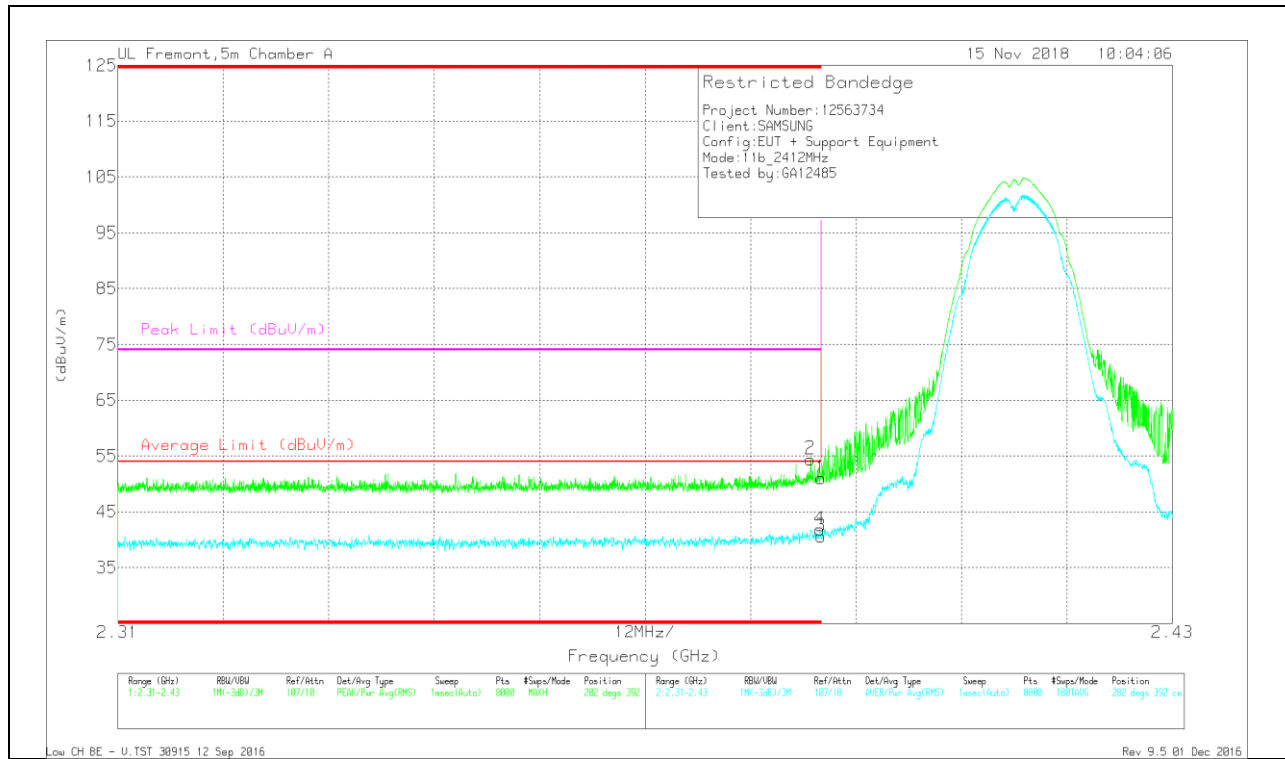
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/CbW/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.62	Pk	31.8	-22.1	0	51.32	-	-	74	-22.68	157	340	H
2	* 2.389	46.83	Pk	31.8	-22.1	0	56.53	-	-	74	-17.47	157	340	H
3	* 2.39	31.38	RMS	31.8	-22.1	0	41.08	54	-12.92	-	-	157	340	H
4	* 2.39	32.69	RMS	31.8	-22.1	0	42.39	54	-11.61	-	-	157	340	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

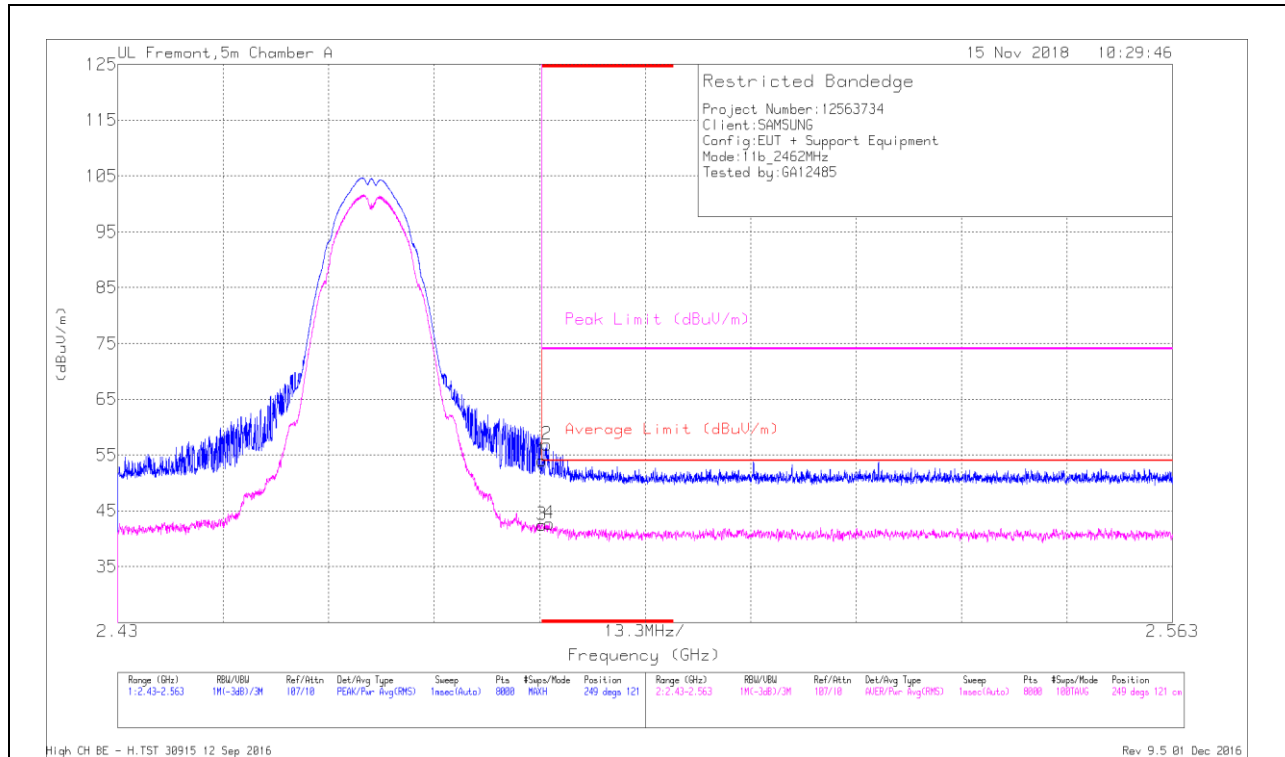


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.34	Pk	31.8	-22.1	0	51.04	-	-	74	-22.96	282	392	V
2	* 2.389	44.75	Pk	31.8	-22.1	0	54.45	-	-	74	-19.55	282	392	V
3	* 2.39	30.94	RMS	31.8	-22.1	0	40.64	54	-13.36	-	-	282	392	V
4	* 2.39	32.16	RMS	31.8	-22.1	0	41.86	54	-12.14	-	-	282	392	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



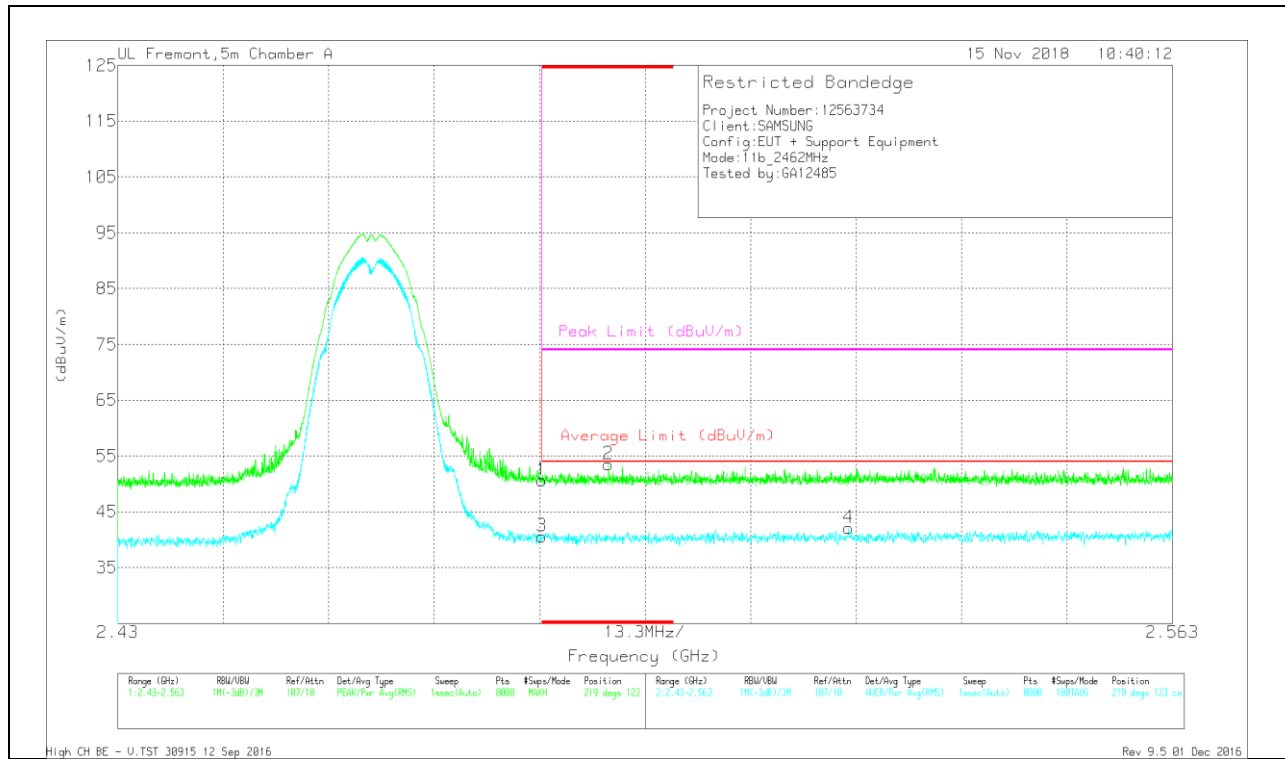
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.47	Pk	32.3	-21.8	0	53.97	-	-	74	-20.03	249	121	H
2	* 2.484	46.35	Pk	32.3	-21.8	0	56.85	-	-	74	-17.15	249	121	H
3	* 2.484	31.94	RMS	32.3	-21.8	0	42.44	54	-11.56	-	-	249	121	H
4	* 2.484	32.18	RMS	32.3	-21.8	0	42.68	54	-11.32	-	-	249	121	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



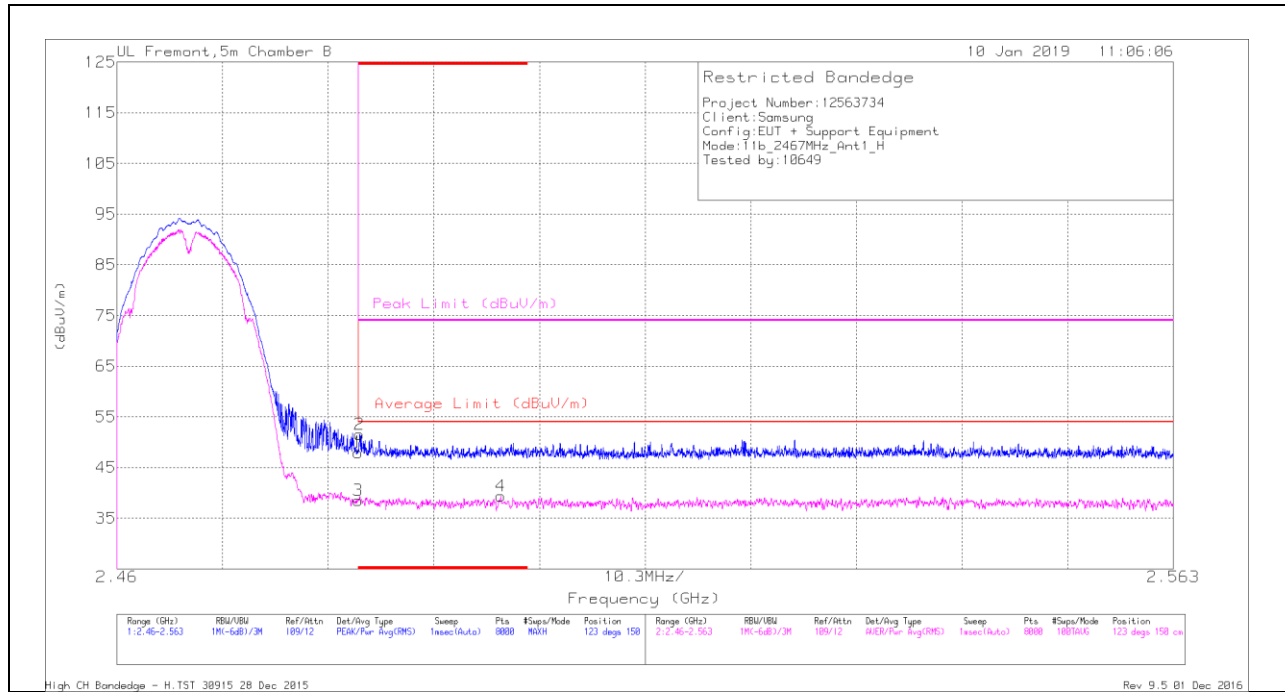
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Co/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.14	Pk	32.3	-21.8	0	50.64	-	-	74	-23.36	219	123	V
2	* 2.492	42.95	Pk	32.4	-21.8	0	53.55	-	-	74	-20.45	219	123	V
3	* 2.484	30.07	RMS	32.3	-21.8	0	40.57	54	-13.43	-	-	219	123	V
4	2.522	31.37	RMS	32.4	-21.7	0	42.07	54	-11.93	-	-	219	123	V

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

Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	35.69	Pk	32.6	-20.3	47.99	-	-	74	-26.01	123	150	H
2	* 2.484	39.33	Pk	32.6	-20.4	51.53	-	-	74	-22.47	123	150	H
3	* 2.484	26.17	RMS	32.6	-20.3	38.47	54	-15.53	-	-	123	150	H
4	* 2.497	27.2	RMS	32.7	-20.5	39.4	54	-14.6	-	-	123	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 T863 (dB/m)	Amp/Cb/Fltr/P ad (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	35.38	Pk	32.6	-20.3	47.68	-	-	74	-26.32	103	116	V
3	* 2.484	26.29	RMS	32.6	-20.3	38.59	54	-15.41	-	-	103	116	V
4	* 2.489	27.22	RMS	32.6	-20.6	39.22	54	-14.78	-	-	103	116	V
2	2.536	37.8	Pk	32.7	-20.3	50.2	-	-	74	-23.8	103	116	V

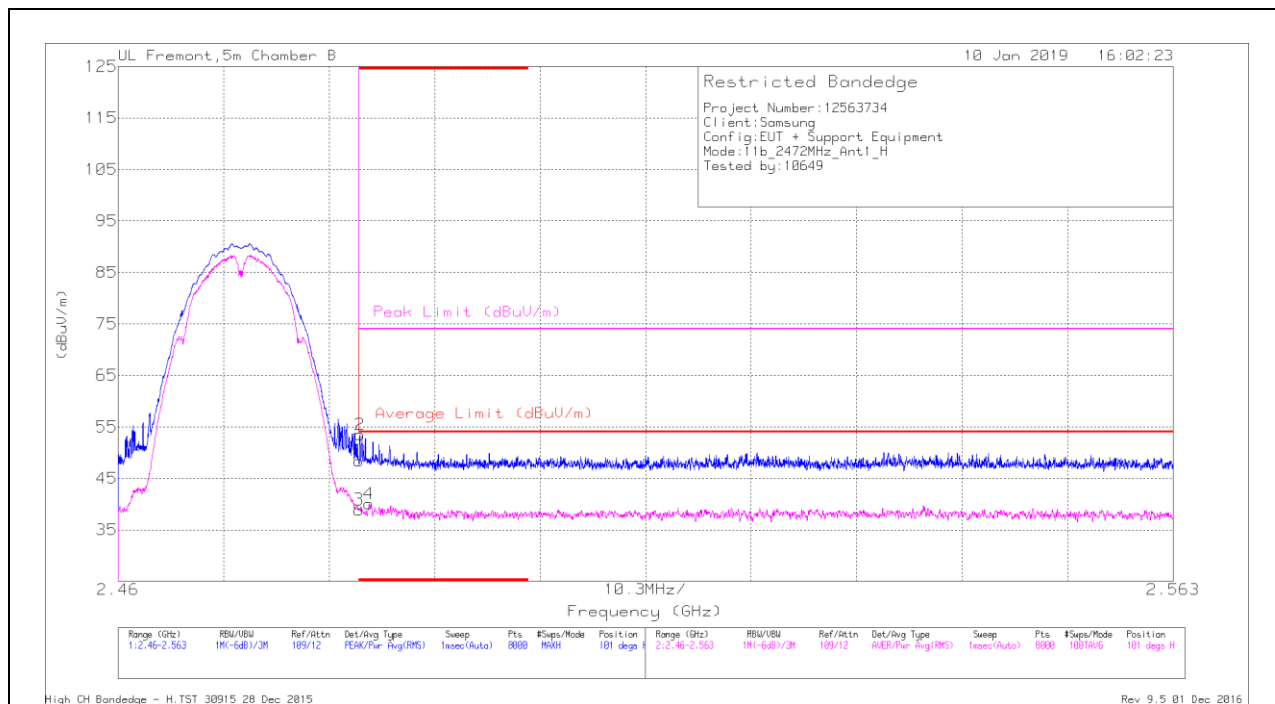
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



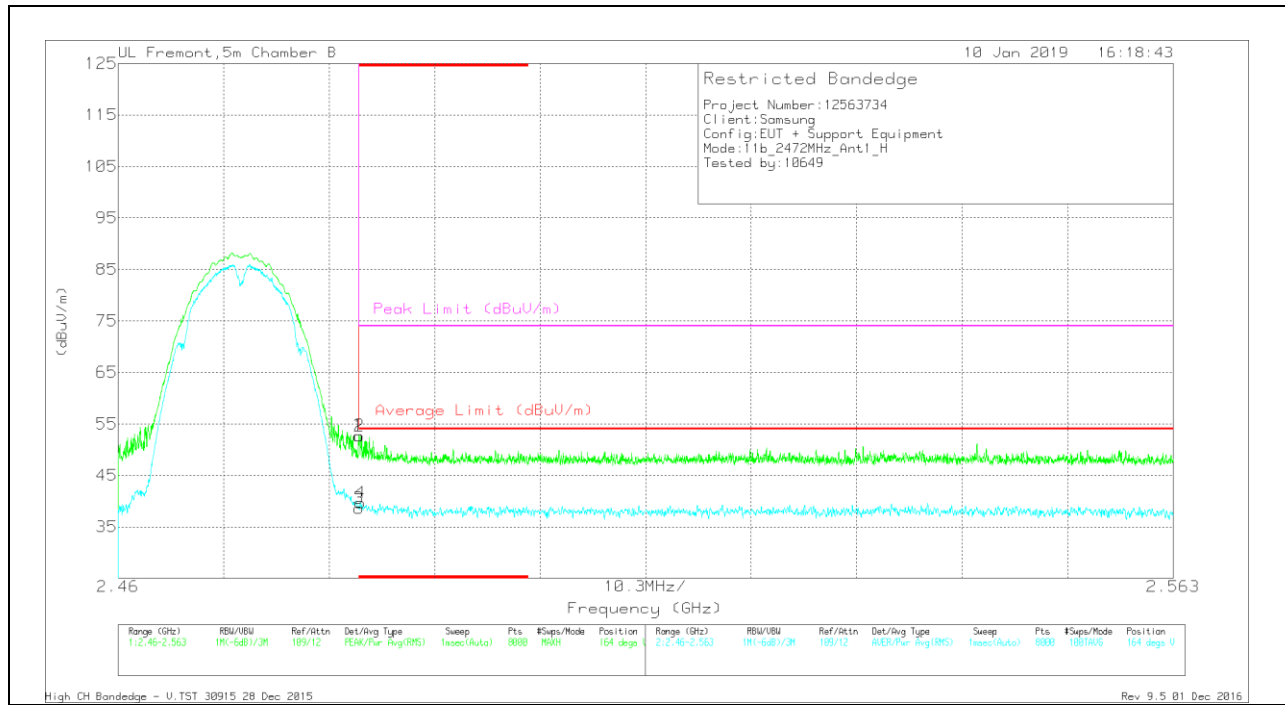
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.1	Pk	32.6	-20.3	48.4	-	-	74	-25.6	101	126	H
2	* 2.484	41.17	Pk	32.6	-20.3	53.47	-	-	74	-20.53	101	126	H
3	* 2.484	26.59	RMS	32.6	-20.3	38.89	54	-15.11	-	-	101	126	H
4	* 2.484	27.84	RMS	32.6	-20.4	40.04	54	-13.96	-	-	101	126	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

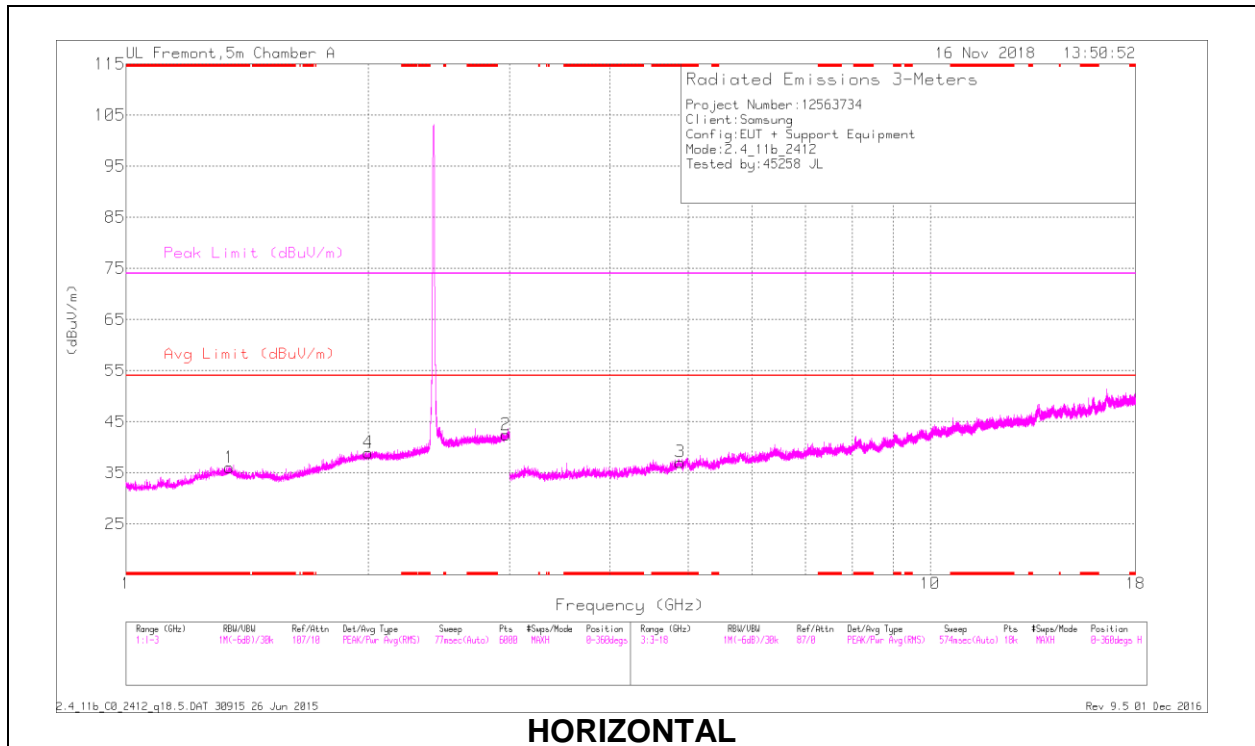


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.41	Pk	32.6	-20.3	52.71	-	-	74	-21.29	164	341	V
2	* 2.484	40.37	Pk	32.6	-20.3	52.67	-	-	74	-21.33	164	341	V
3	* 2.484	26.3	RMS	32.6	-20.3	38.6	54	-15.4	-	-	164	341	V
4	* 2.484	27.39	RMS	32.6	-20.3	39.69	54	-14.31	-	-	164	341	V

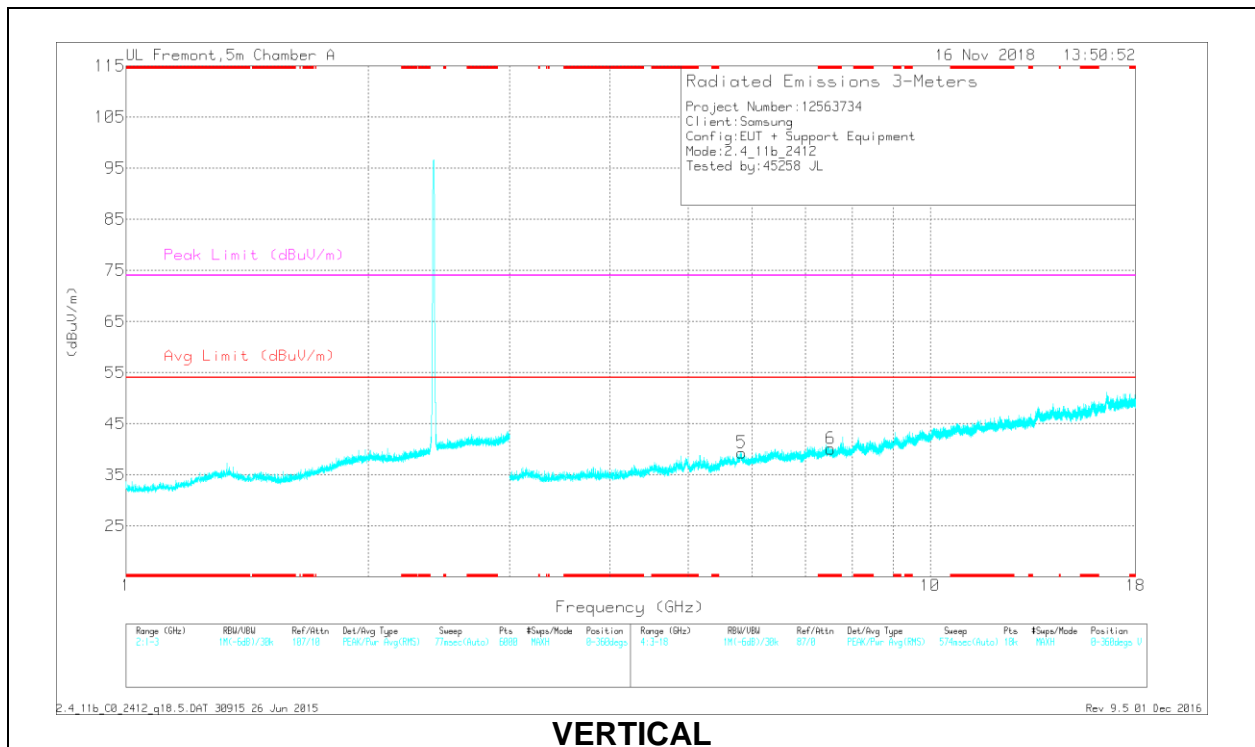
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



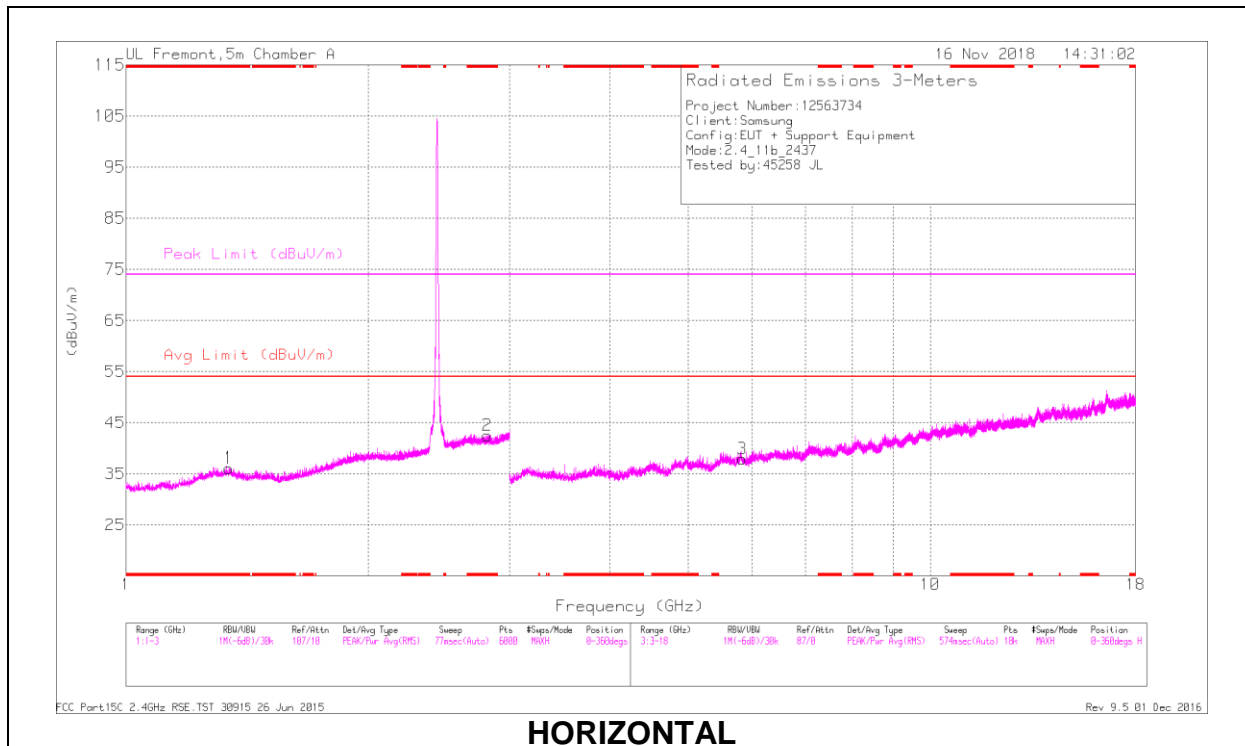
VERTICAL

RADIATED EMISSIONS

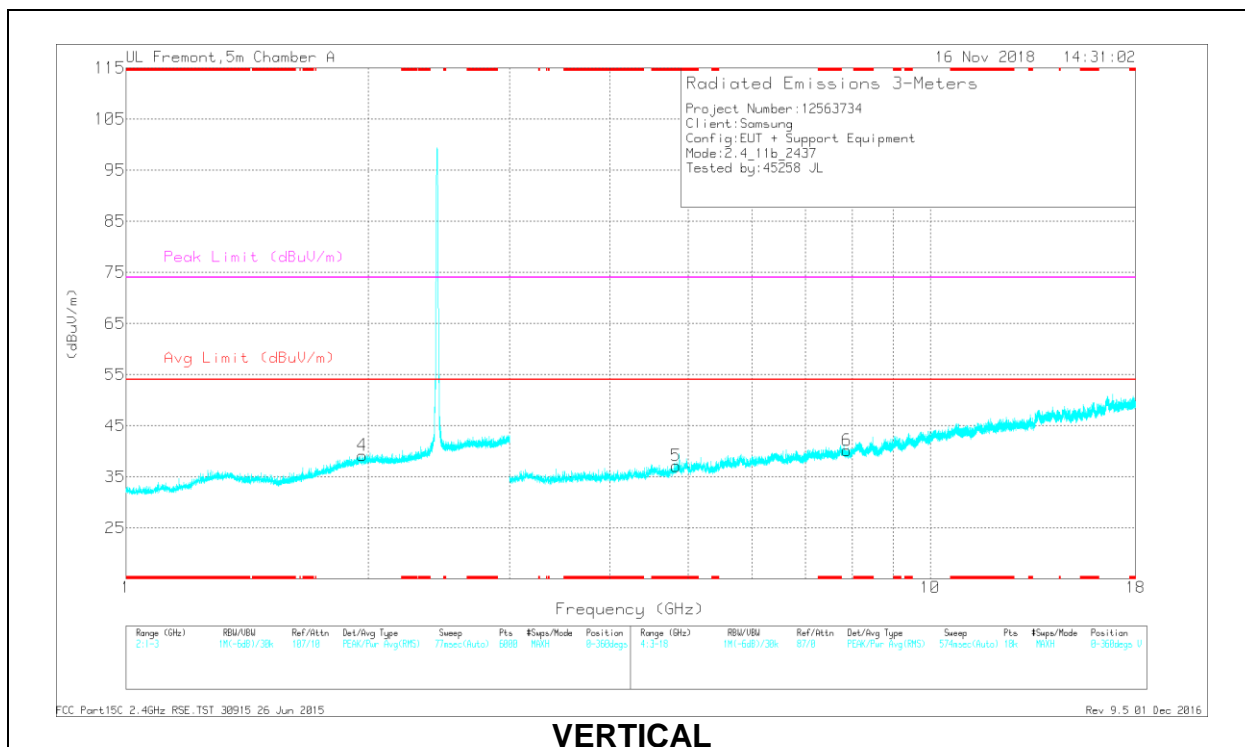
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.343	35.82	PK2	29.5	-23.4	0	41.92	-	-	74	-32.08	54	152	H
	* 1.345	24.59	MAv1	29.5	-23.4	0	30.69	54	-23.31	-	-	54	152	H
3	* 4.888	35.77	PK2	34.1	-26.1	0	43.77	-	-	74	-30.23	96	192	H
	* 4.887	24.93	MAv1	34.1	-26.1	0	32.93	54	-21.07	-	-	96	192	H
6	* 7.522	32.39	PK2	35.7	-22.1	0	45.99	-	-	74	-28.01	146	210	V
	* 7.519	21.77	MAv1	35.7	-22.1	0	35.37	54	-18.63	-	-	146	210	V
4	2.002	36.43	PK2	31.4	-23	0	44.83	-	-	-	-	187	204	H
2	2.969	37.67	PK2	32.2	-21.3	0	48.57	-	-	-	-	155	223	H
5	5.829	34.76	PK2	35.1	-24.7	0	45.16	-	-	-	-	225	190	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



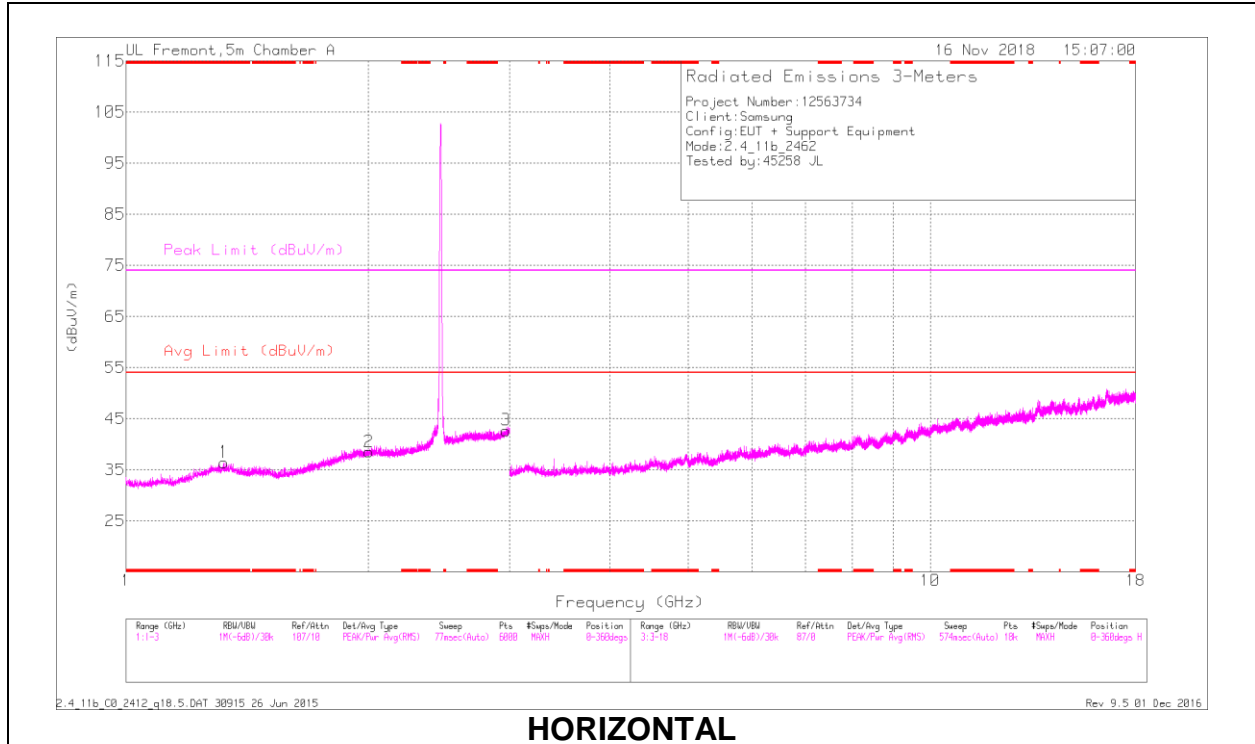
VERTICAL

RADIATED EMISSIONS

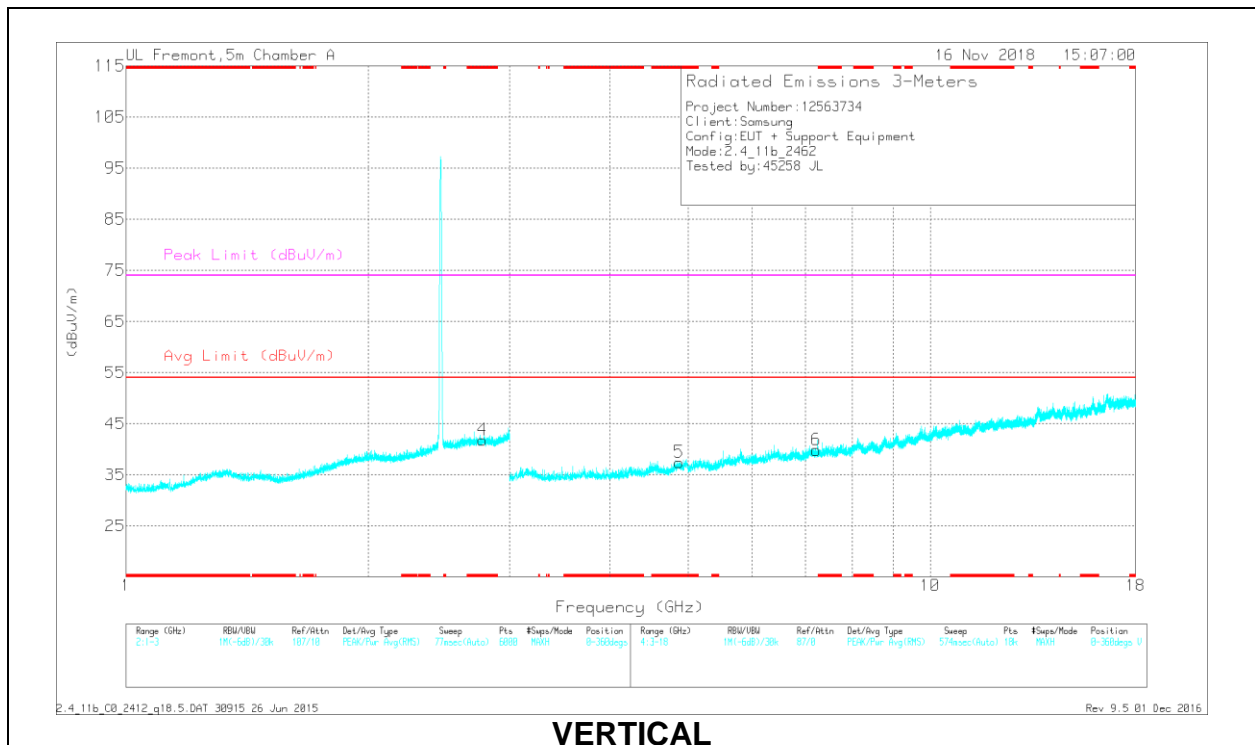
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.343	35.92	PK2	29.5	-23.4	0	42.02	-	-	74	-31.98	69	147	H
	* 1.341	24.71	MAv1	29.5	-23.4	0	30.81	54	-23.19	-	-	69	147	H
2	* 2.817	37.33	PK2	32.2	-21.8	0	47.73	-	-	74	-26.27	156	165	H
	* 2.814	25.87	MAv1	32.2	-21.8	0	36.27	54	-17.73	-	-	156	165	H
5	* 4.833	35.04	PK2	34.2	-25.8	0	43.44	-	-	74	-30.56	208	187	V
	* 4.832	24.12	MAv1	34.2	-25.9	0	32.42	54	-21.58	-	-	208	187	V
4	1.968	36.32	PK2	31.4	-23	0	44.72	-	-	-	-	233	169	V
3	5.837	34.8	PK2	35.1	-25	0	44.9	-	-	-	-	227	156	H
6	7.879	32.92	PK2	35.8	-22.2	0	46.52	-	-	-	-	328	196	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



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.322	35.43	PK2	29.5	-23.3	0	41.63	-	-	74	-32.37	333	152	H
	* 1.323	24.36	MAv1	29.5	-23.3	0	30.56	54	-23.44	-	-	333	152	H
4	* 2.774	37.6	PK2	32.3	-22	0	47.9	-	-	74	-26.1	300	179	V
	* 2.776	25.93	MAv1	32.3	-22	0	36.23	54	-17.77	-	-	300	179	V
5	* 4.873	35.72	PK2	34.1	-26.2	0	43.62	-	-	74	-30.38	249	202	V
	* 4.874	24.98	MAv1	34.1	-26.2	0	32.88	54	-21.12	-	-	249	202	V
2	2.005	36.45	PK2	31.4	-23	0	44.85	-	-	-	-	233	222	H
3	2.966	37.64	PK2	32.2	-21.4	0	48.44	-	-	-	-	156	208	H
6	7.221	33.57	PK2	35.7	-23.2	0	46.07	-	-	-	-	181	166	V

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

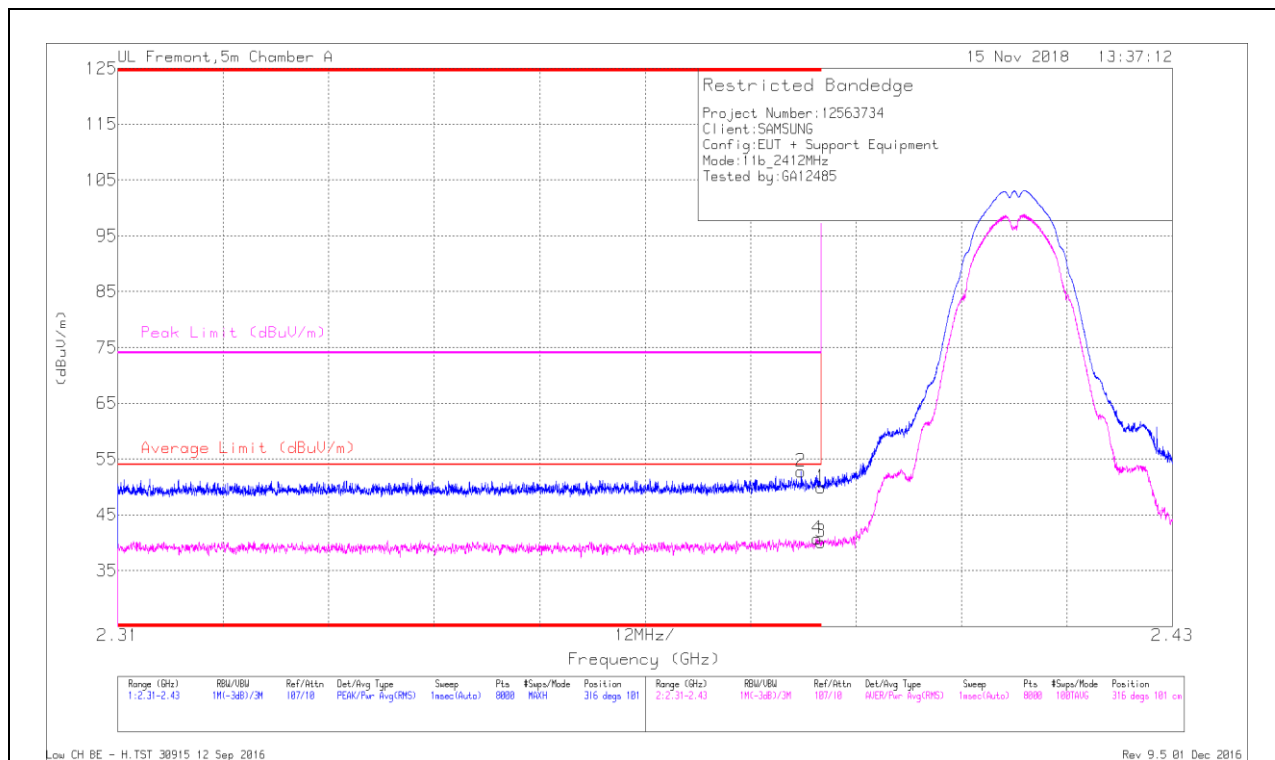
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

1TX Chain 1 MODE

BANDEDGE (LOW CHANNEL, CH 1)

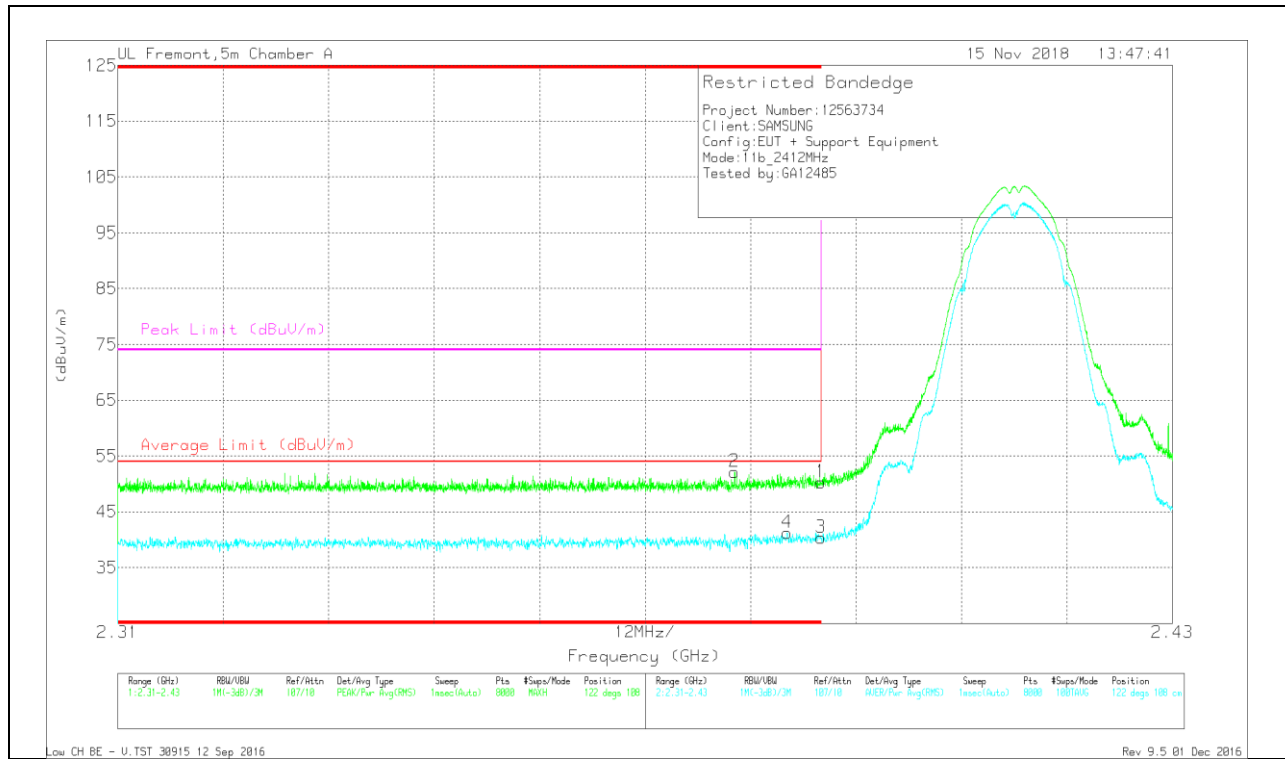
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/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
2	* 2.388	43.07	Pk	31.8	-22.1	0	52.77	-	-	74	-21.23	316	101	H
1	* 2.39	40.25	Pk	31.8	-22.1	0	49.95	-	-	74	-24.05	316	101	H
3	* 2.39	30.36	RMS	31.8	-22.1	0	40.06	54	-13.94	-	-	316	101	H
4	* 2.39	31.07	RMS	31.8	-22.1	0	40.77	54	-13.23	-	-	316	101	H

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

VERTICAL RESULT

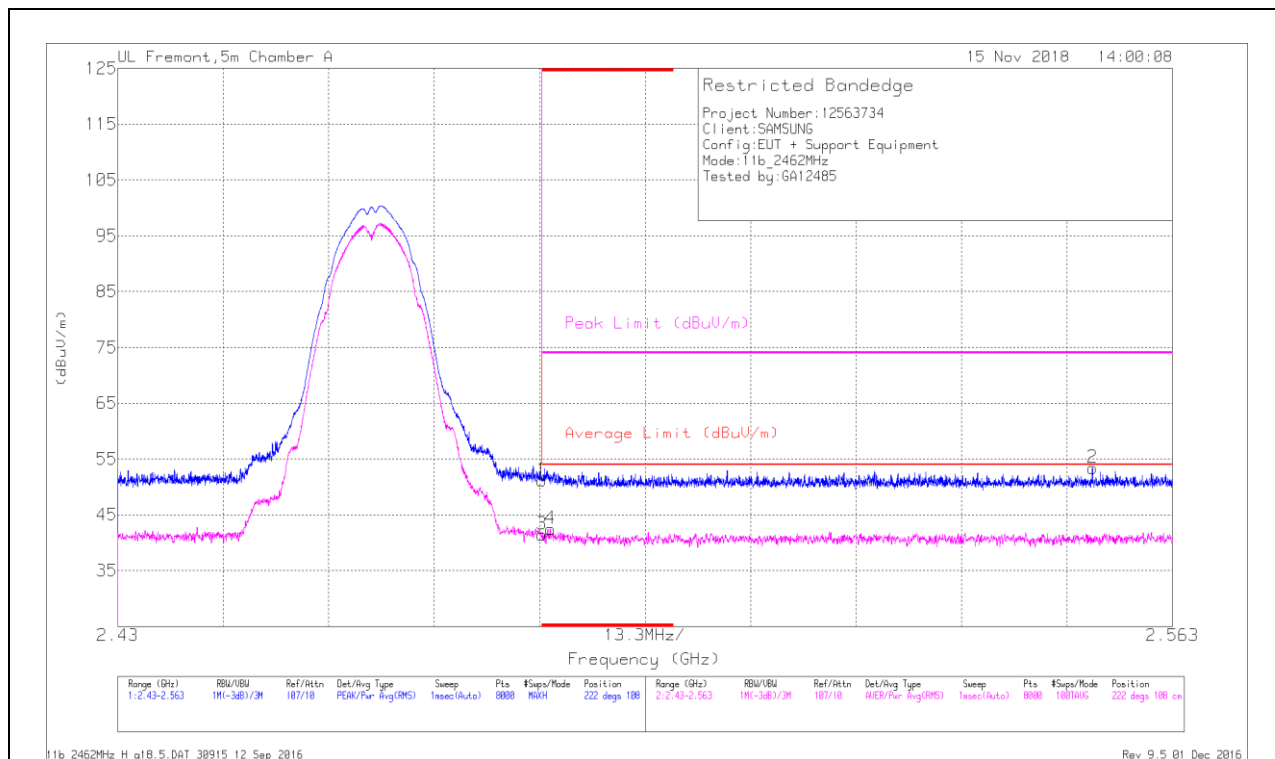


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.38	42.51	Pk	31.7	-22.1	0	52.11	-	-	74	-21.89	122	108	V
4	* 2.386	31.53	RMS	31.8	-22.1	0	41.23	54	-12.77	-	-	122	108	V
1	* 2.39	40.61	Pk	31.8	-22.1	0	50.31	-	-	74	-23.69	122	108	V
3	* 2.39	30.67	RMS	31.8	-22.1	0	40.37	54	-13.63	-	-	122	108	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT

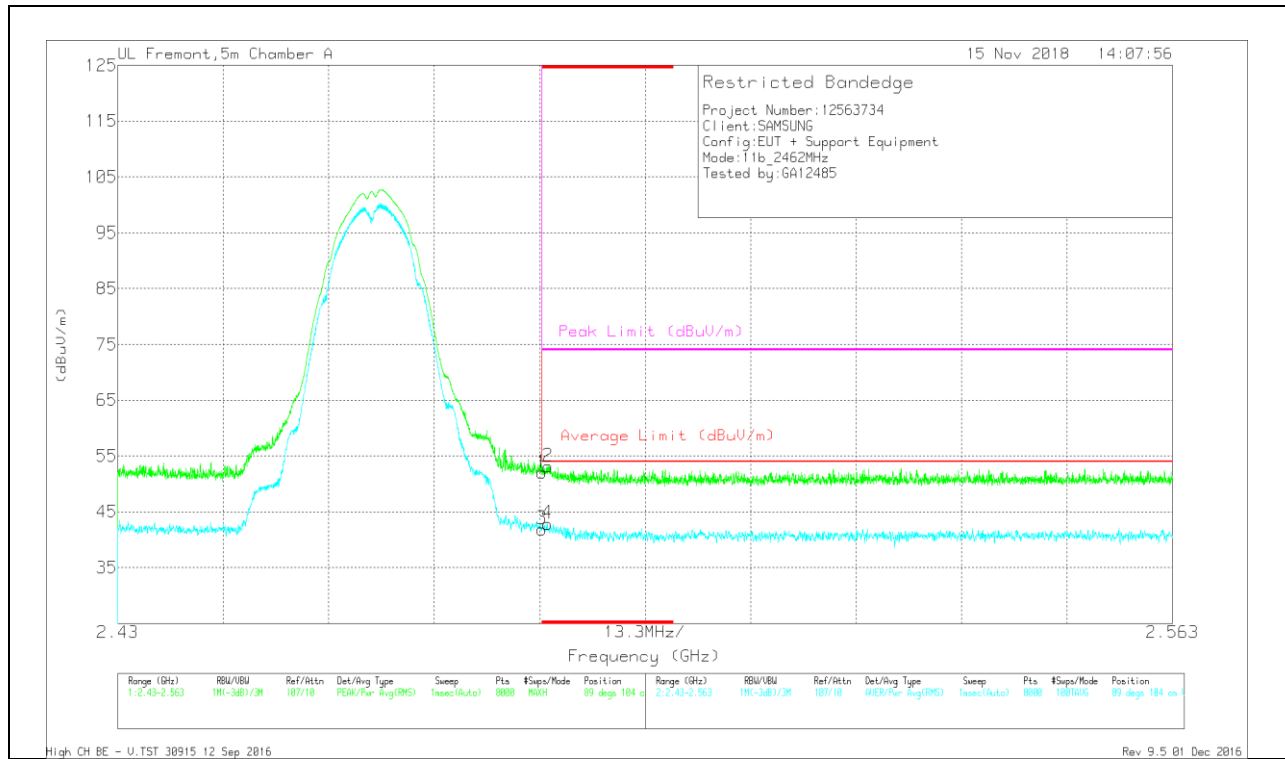


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.67	Pk	32.3	-21.8	0	51.17	-	-	74	-22.83	222	108	H
3	* 2.484	31	RMS	32.3	-21.8	0	41.5	54	-12.5	-	-	222	108	H
4	* 2.485	31.99	RMS	32.3	-21.8	0	42.49	54	-11.51	-	-	222	108	H
2	2.553	42.65	Pk	32.3	-21.6	0	53.35	-	-	74	-20.65	222	108	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 T862 (dB/m)	Amp/Cbl/Filtr/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	41.52	Pk	32.3	-21.8	0	52.02	-	-	74	-21.98	89	104	V
2	* 2.484	42.68	Pk	32.3	-21.8	0	53.18	-	-	74	-20.82	89	104	V
3	* 2.484	31.41	RMS	32.3	-21.8	0	41.91	54	-12.09	-	-	89	104	V
4	* 2.484	32.4	RMS	32.3	-21.8	0	42.9	54	-11.1	-	-	89	104	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

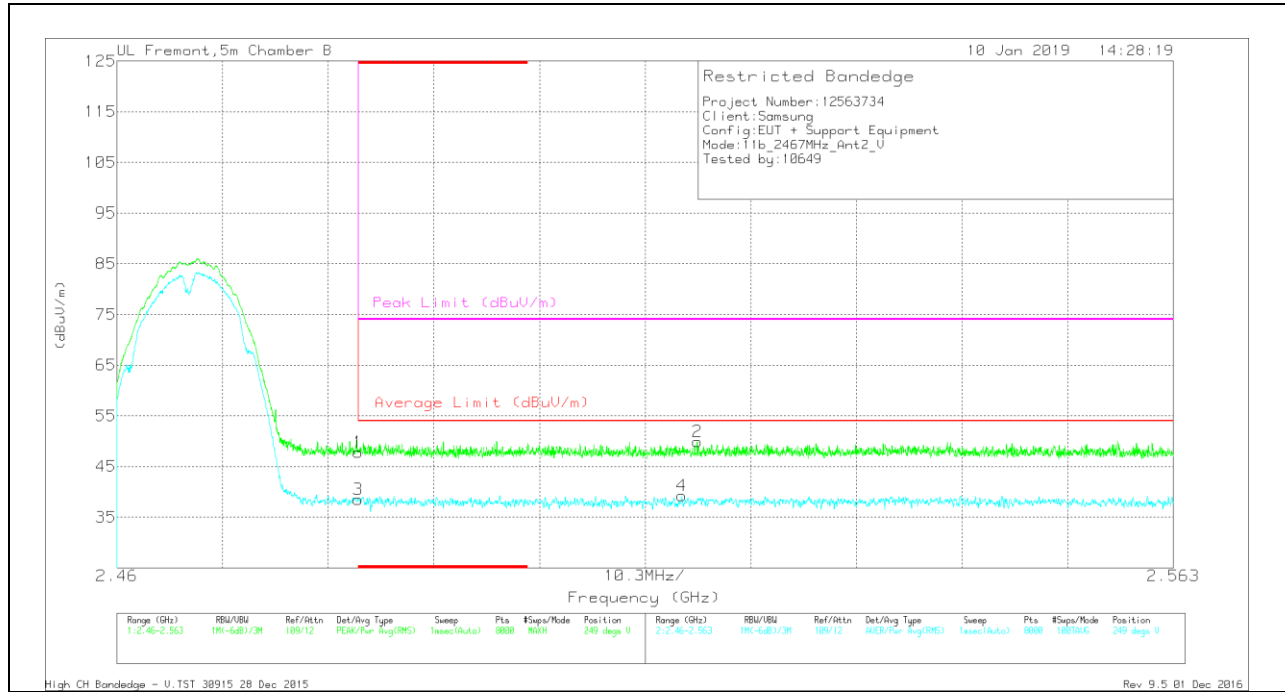
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	35.48	Pk	32.6	-20.3	47.78	-	-	74	-26.22	205	114	H
3	* 2.484	25.81	RMS	32.6	-20.3	38.11	54	-15.89	-	-	205	114	H
2	2.533	37.93	Pk	32.7	-20.5	50.13	-	-	74	-23.87	205	114	H
4	2.539	26.92	RMS	32.7	-20.3	39.32	54	-14.68	-	-	205	114	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 T863 (dB/m)	Amp/Cbl/Filt/P ad (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	35.49	Pk	32.6	-20.3	47.79	-	-	74	-26.21	249	328	V
3	* 2.484	26.22	RMS	32.6	-20.3	38.52	54	-15.48	-	-	249	328	V
4	2.515	27.04	RMS	32.7	-20.5	39.24	54	-14.76	-	-	249	328	V
2	2.517	37.77	Pk	32.7	-20.5	49.97	-	-	74	-24.03	249	328	V

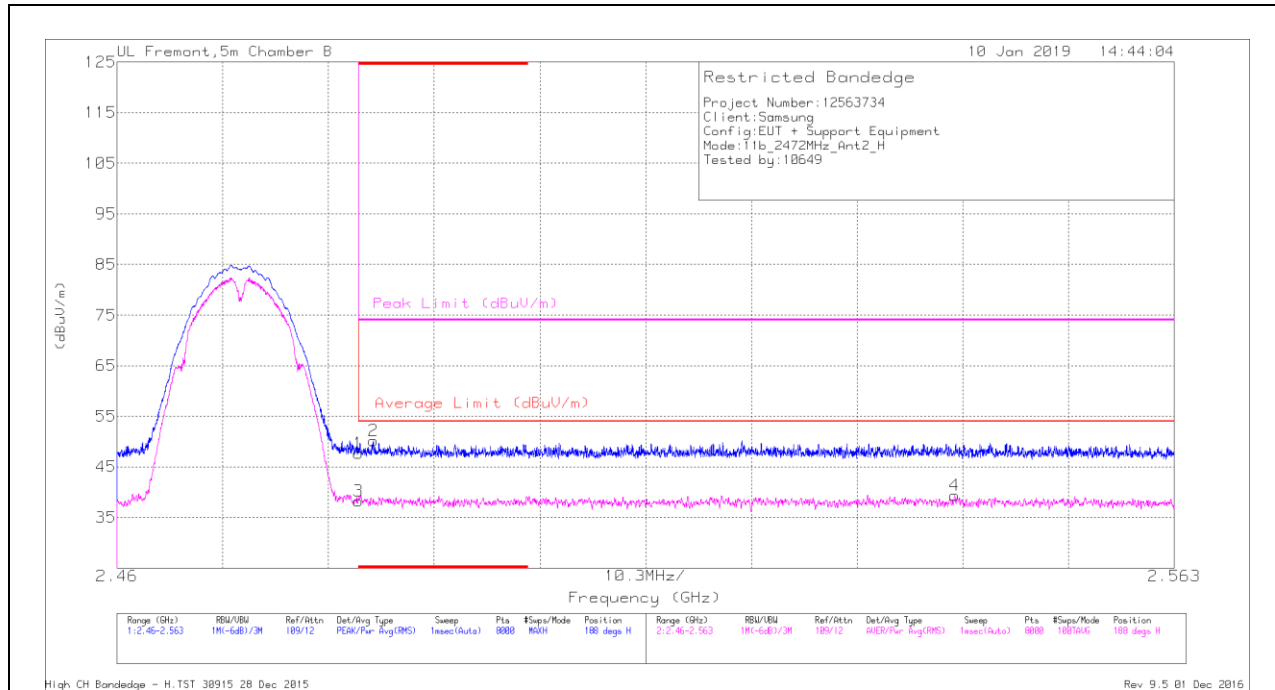
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

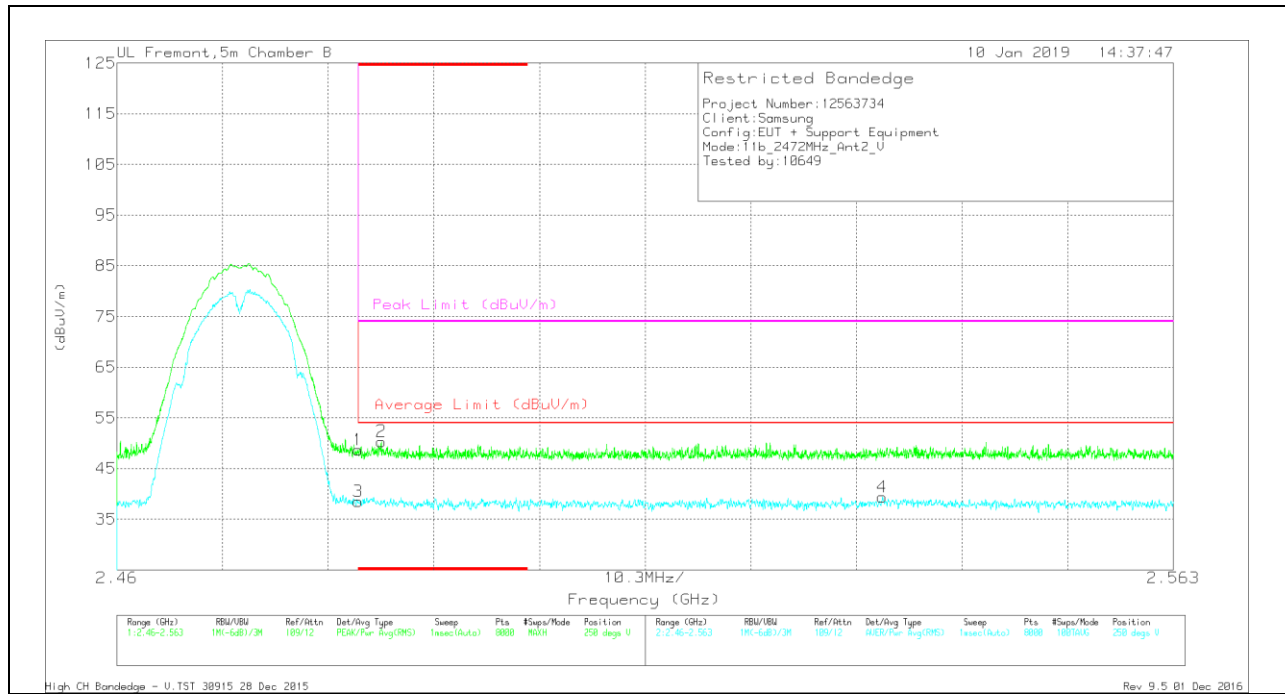
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	35.41	Pk	32.6	-20.3	47.71	-	-	74	-26.29	188	244	H
3	* 2.484	25.97	RMS	32.6	-20.3	38.27	54	-15.73	-	-	188	244	H
2	* 2.485	37.91	Pk	32.6	-20.3	50.21	-	-	74	-23.79	188	244	H
4	2.542	27.05	RMS	32.7	-20.4	39.35	54	-14.65	-	-	188	244	H

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

VERTICAL RESULT

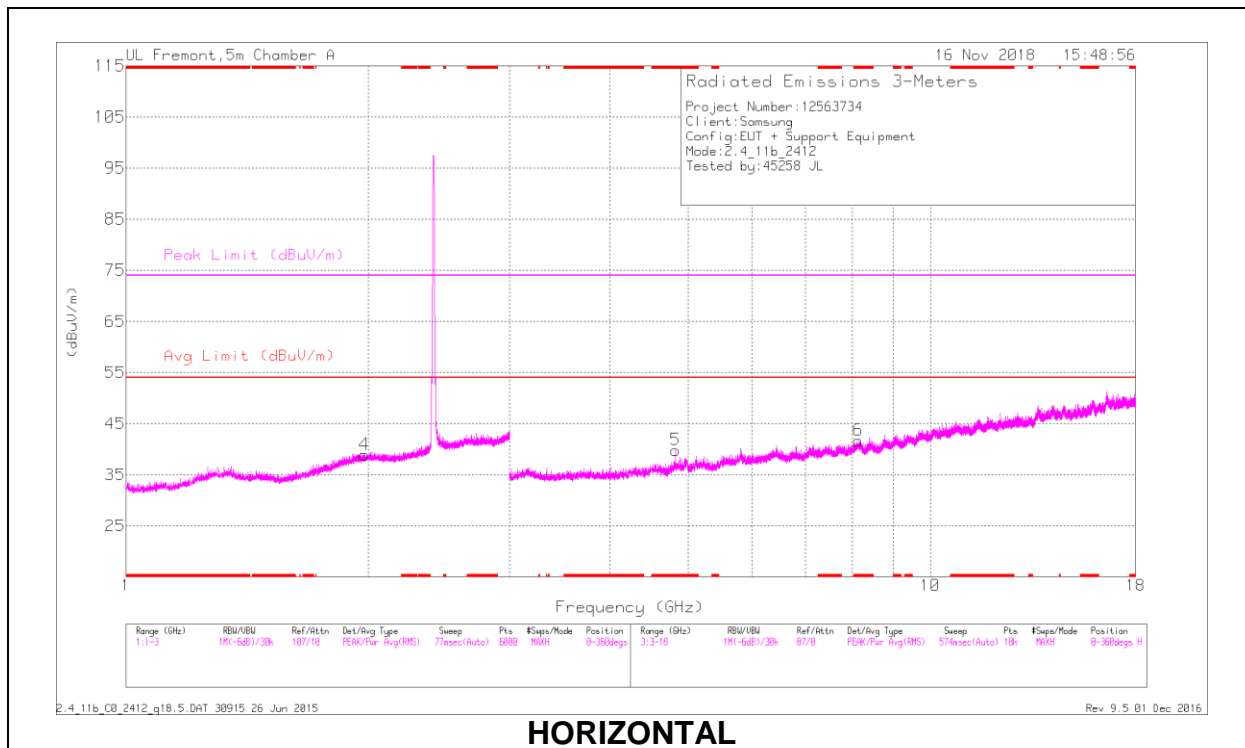


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fltr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.35	Pk	32.6	-20.3	48.65	-	-	74	-25.35	250	114	V
3	* 2.484	26.17	RMS	32.6	-20.3	38.47	54	-15.53	-	-	250	114	V
2	* 2.486	38.15	Pk	32.6	-20.4	50.35	-	-	74	-23.65	250	114	V
4	2.535	27.02	RMS	32.7	-20.4	39.32	54	-14.68	-	-	250	114	V

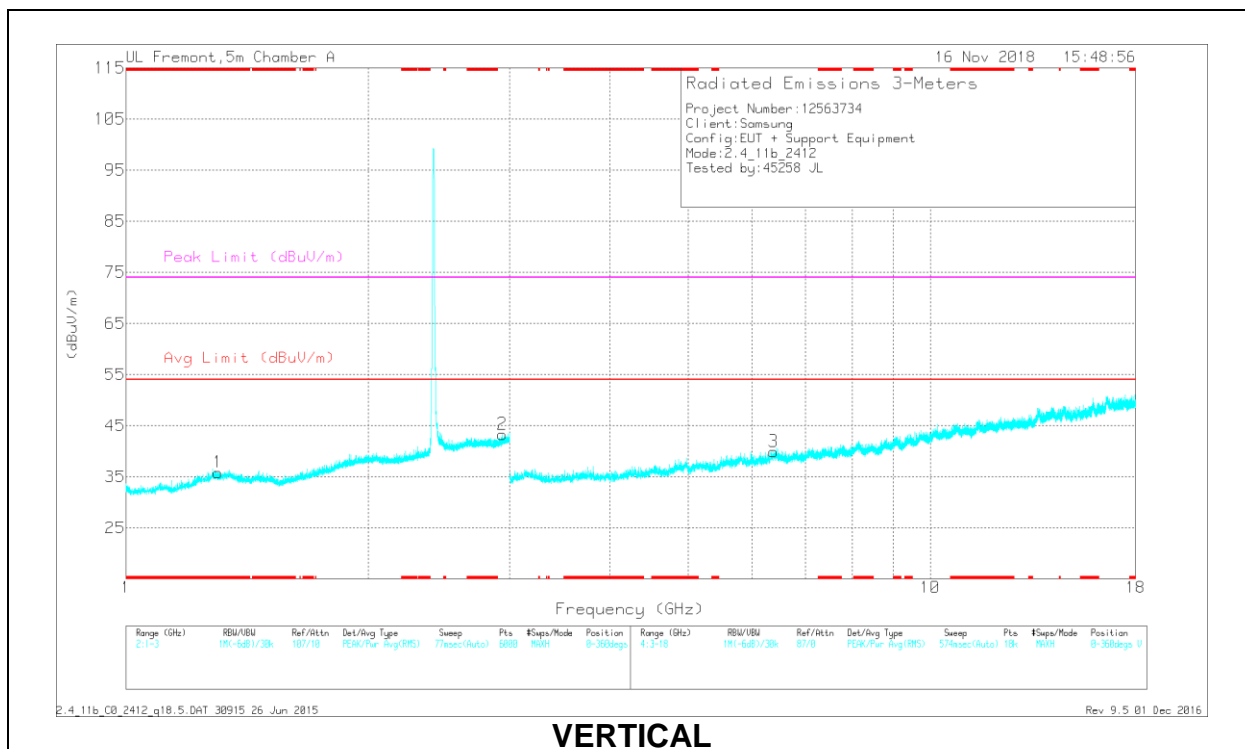
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



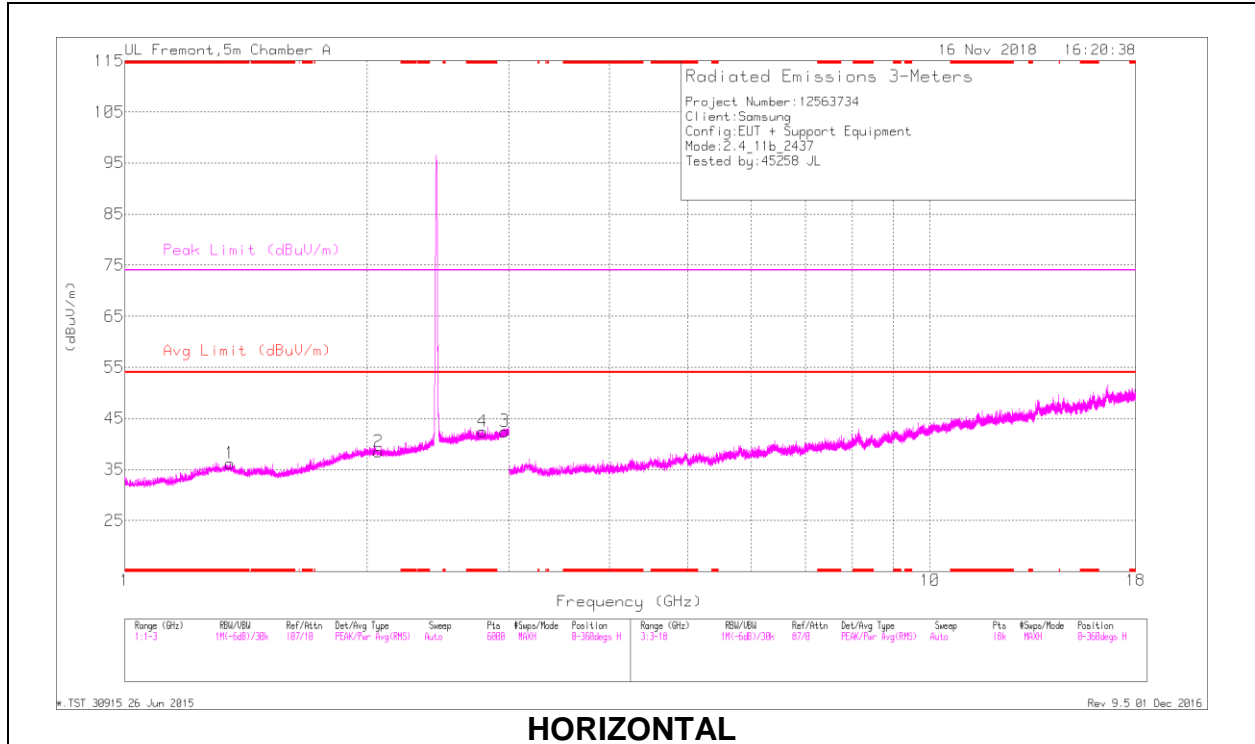
VERTICAL

RADIATED EMISSIONS

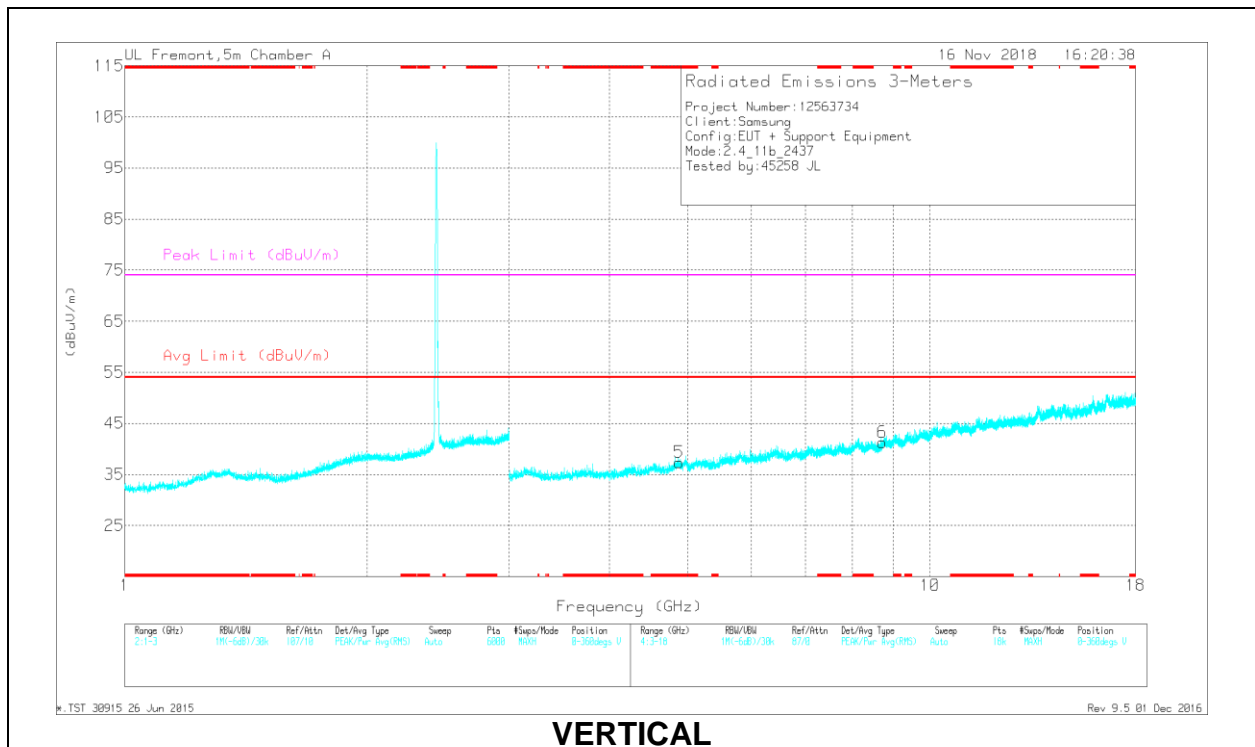
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.301	36.01	PK2	29.4	-23.4	0	42.01	-	-	74	-31.99	333	142	V
	* 1.301	24.34	MAv1	29.4	-23.4	0	30.34	54	-23.66	-	-	333	142	V
5	* 4.824	36.95	PK2	34.2	-25.9	0	45.25	-	-	74	-28.75	280	191	H
	* 4.824	27.23	MAv1	34.2	-25.9	0	35.53	54	-18.47	-	-	280	191	H
6	* 8.137	32.32	PK2	35.8	-20.6	0	47.52	-	-	74	-26.48	246	208	H
	* 8.136	21.75	MAv1	35.8	-20.6	0	36.95	54	-17.05	-	-	246	208	H
4	1.979	36.18	PK2	31.4	-23	0	44.58	-	-	-	-	249	185	H
2	2.94	37.06	PK2	32.2	-21.5	0	47.76	-	-	-	-	187	203	V
3	6.39	34.42	PK2	35.8	-24.2	0	46.02	-	-	-	-	157	224	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

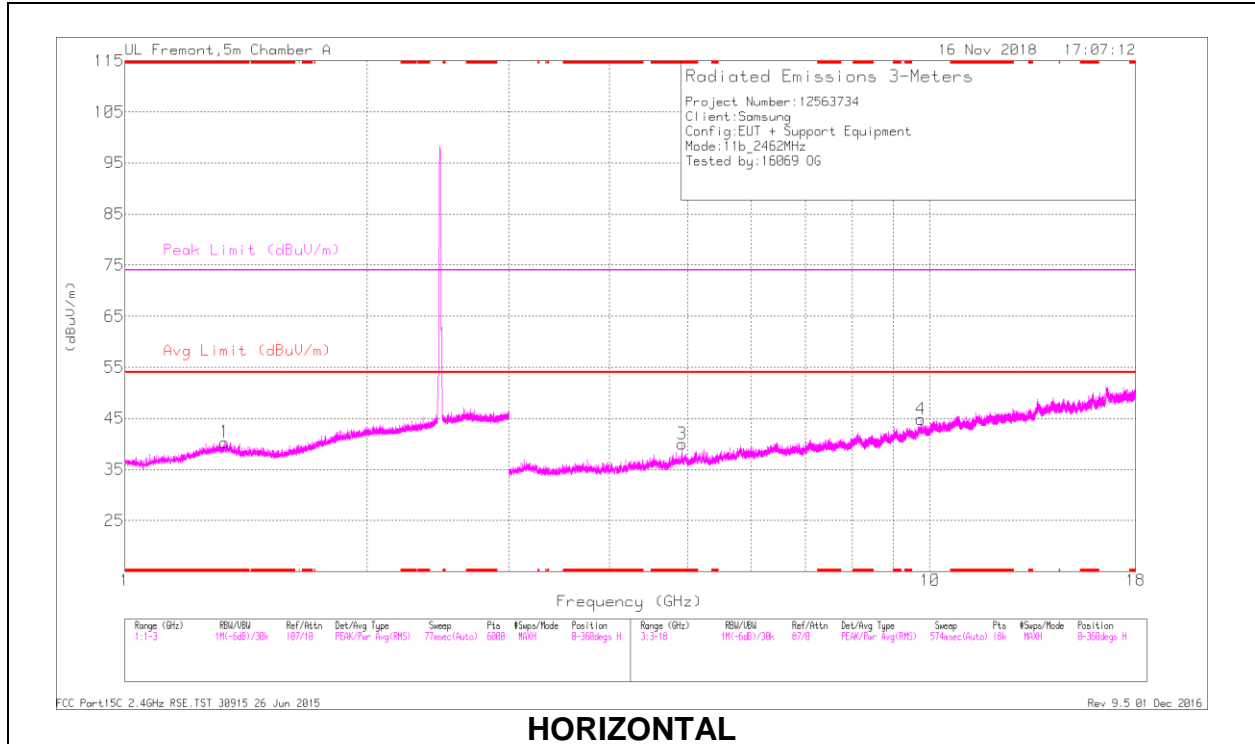
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.351	36.4	PK2	29.5	-23.3	0	42.6	-	-	74	-31.4	351	200	H
	* 1.352	24.51	MAv1	29.5	-23.3	0	30.71	54	-23.29	-	-	351	200	H
4	* 2.782	36.89	PK2	32.3	-21.9	0	47.29	-	-	74	-26.71	304	182	H
	* 2.78	25.82	MAv1	32.3	-21.9	0	36.22	54	-17.78	-	-	304	182	H
5	* 4.877	36.53	PK2	34.1	-26.2	0	44.43	-	-	74	-29.57	277	165	V
	* 4.875	25.07	MAv1	34.1	-26.2	0	32.97	54	-21.03	-	-	277	165	V
2	2.064	37.46	PK2	31.3	-23.2	0	45.56	-	-	-	-	245	151	H
3	2.966	37.57	PK2	32.2	-21.4	0	48.37	-	-	-	-	213	179	H
6	8.727	33.28	PK2	36	-20.9	0	48.38	-	-	-	-	251	163	V

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

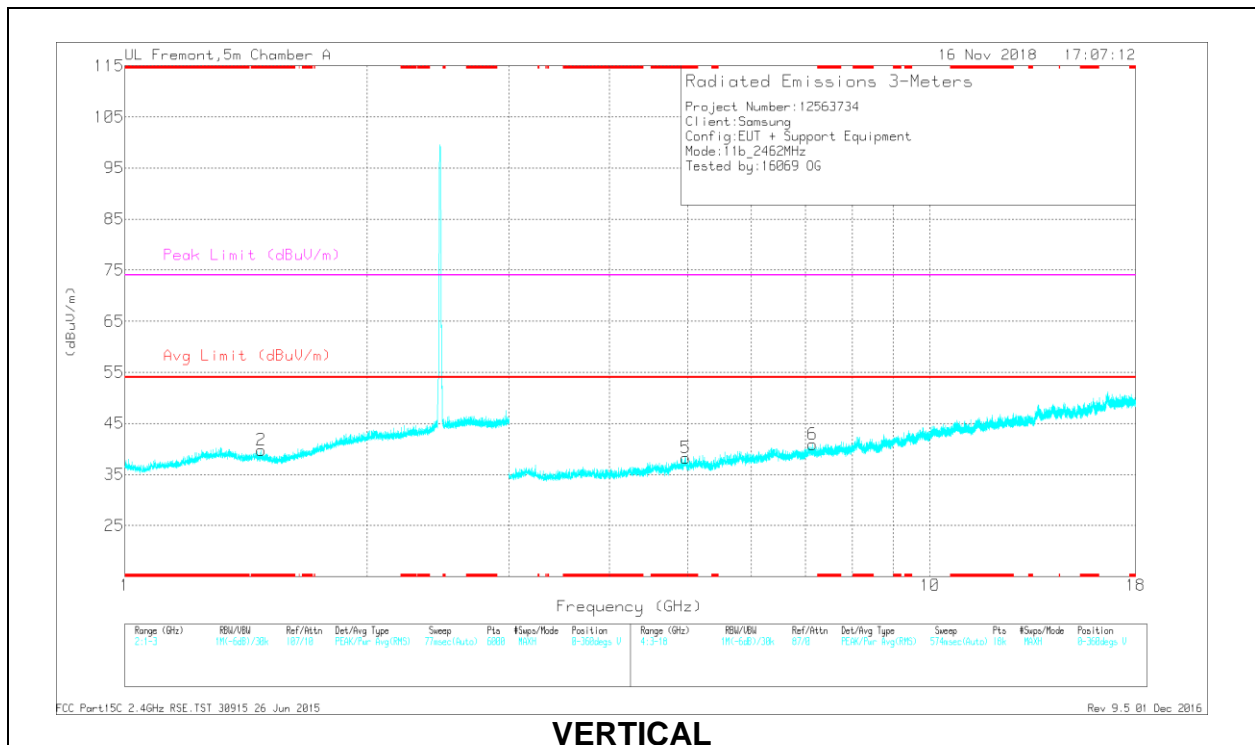
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.331	40.88	PK2	29.5	-24.4	0	45.98	-	-	74	-28.02	324	287	H
	* 1.33	28.53	MAv1	29.5	-24.4	0	33.63	54	-20.37	-	-	324	287	H
2	* 1.477	40.7	PK2	28.6	-24.1	0	45.2	-	-	74	-28.8	308	131	V
	* 1.478	28.59	MAv1	28.6	-24.1	0	33.09	54	-20.91	-	-	308	131	V
3	* 4.924	37.42	PK2	34.1	-26.7	0	44.82	-	-	74	-29.18	352	258	H
	* 4.924	28.53	MAv1	34.1	-26.7	0	35.93	54	-18.07	-	-	352	258	H
5	* 4.972	37.24	PK2	34.3	-27	0	44.54	-	-	74	-29.46	289	181	V
	* 4.976	25.52	MAv1	34.3	-27.1	0	32.72	54	-21.28	-	-	289	181	V
6	7.15	33.14	PK2	35.7	-22.7	0	46.14	-	-	-	-	289	181	V
4	9.743	32.56	PK2	36.9	-19.6	0	49.86	-	-	-	-	352	258	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average