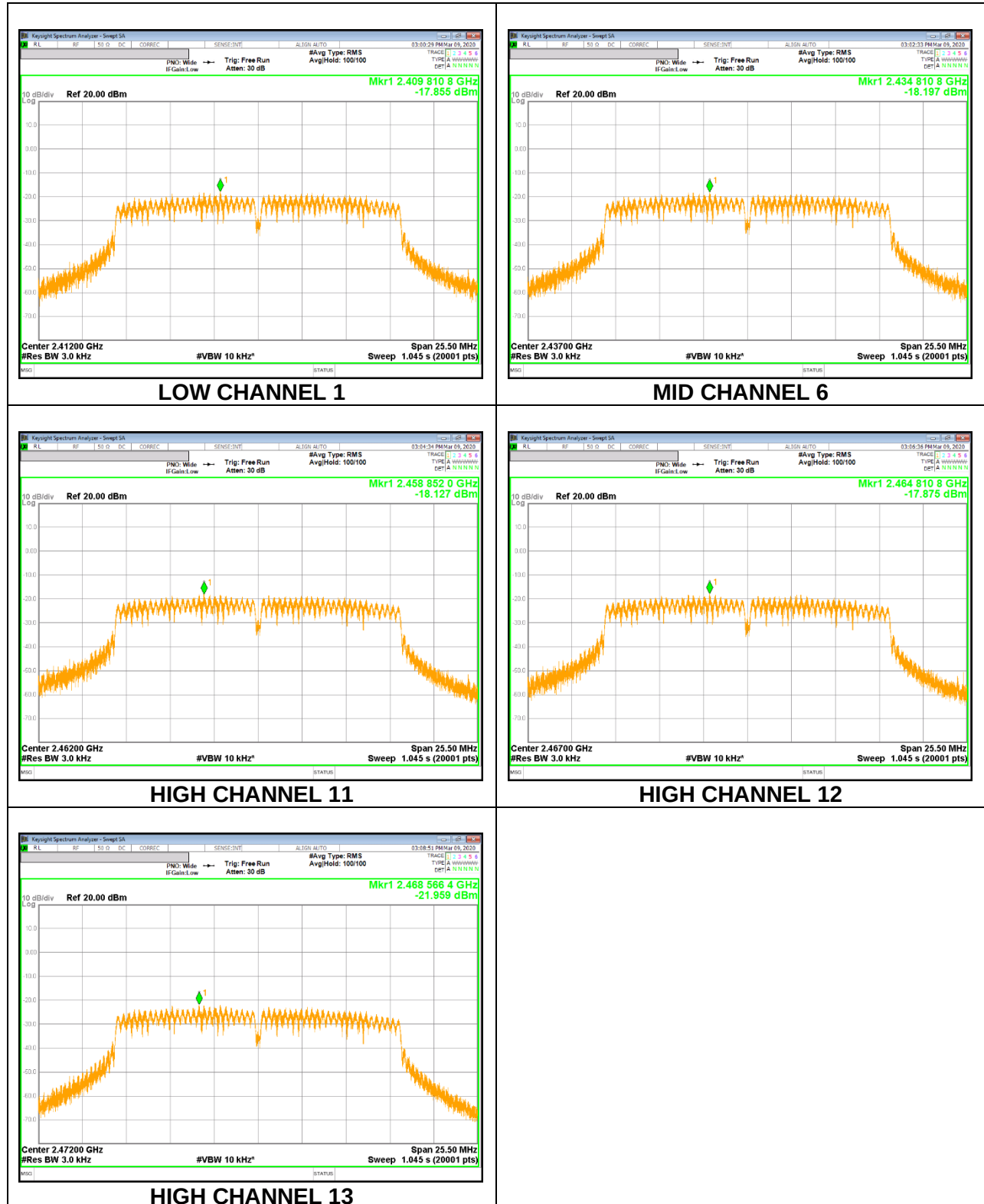


1TX Antenna 2 MODE



9.5.3. 802.11n HT20 MODE

1TX Antenna 1 MODE

Duty Cycle CF (dB)	0.17	Included in Calculations of Corr'd PSD
--------------------	------	--

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-18.44	-18.27	8.0	-26.3
Mid 6	2437	-16.94	-16.77	8.0	-24.8
High 11	2462	-17.84	-17.67	8.0	-25.7
High 12	2467	-21.05	-20.88	8.0	-28.9
High 13	2472	-26.94	-26.77	8.0	-34.8

1TX Antenna 2 MODE

Duty Cycle CF (dB)	0.17	Included in Calculations of Corr'd PSD
--------------------	------	--

PSD Results

Channel	Frequency (MHz)	Chain 1 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-18.30	-18.13	8.0	-26.1
Mid 6	2437	-18.61	-18.44	8.0	-26.4
High 11	2462	-18.70	-18.53	8.0	-26.5
High 12	2467	-18.19	-18.02	8.0	-26.0
High 13	2472	-23.17	-23.00	8.0	-31.0

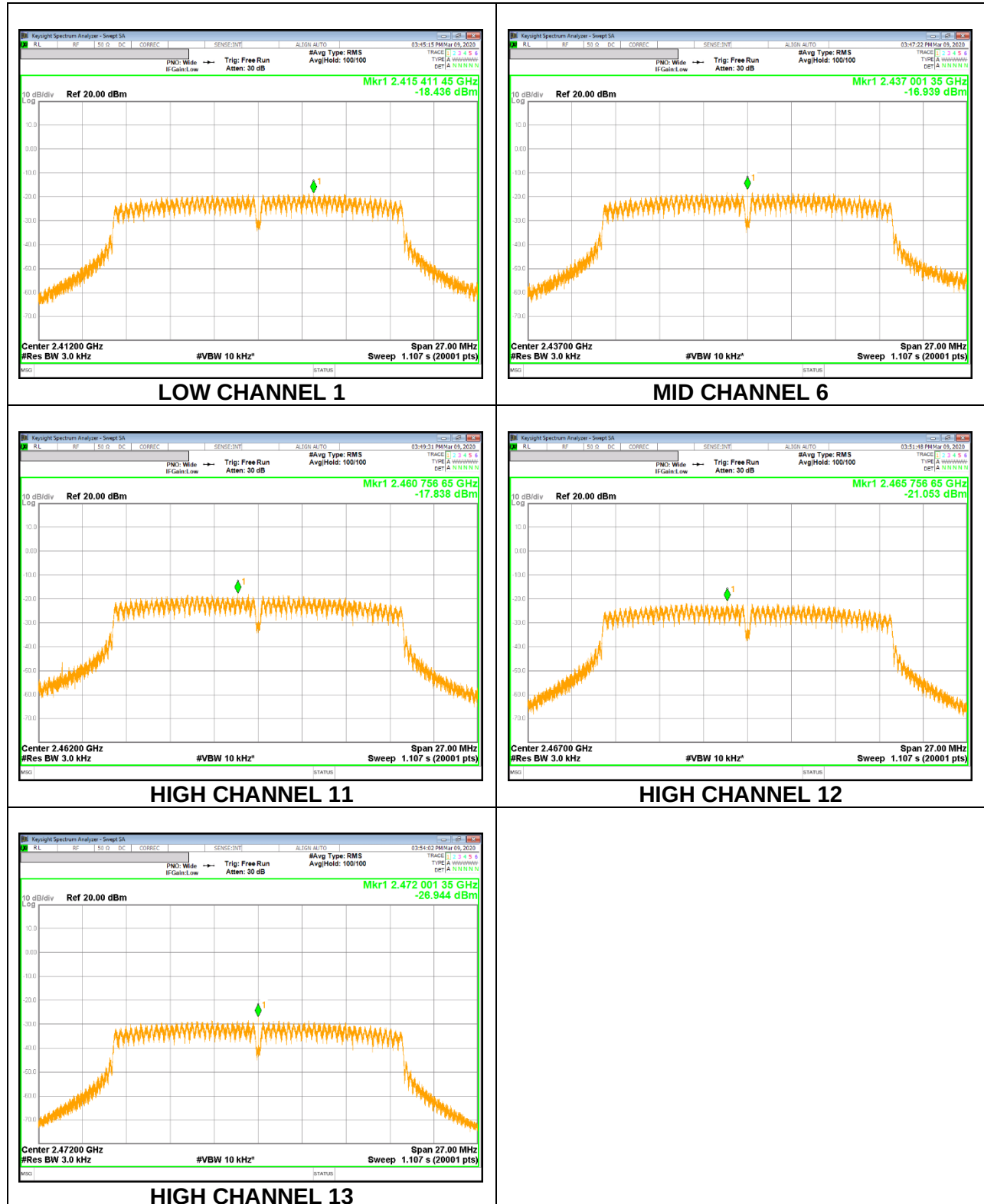
2TX Antenna 1 + Antenna 2 MODE

Duty Cycle CF (dB)	0.17	Included in Calculations of Corr'd PSD
--------------------	------	--

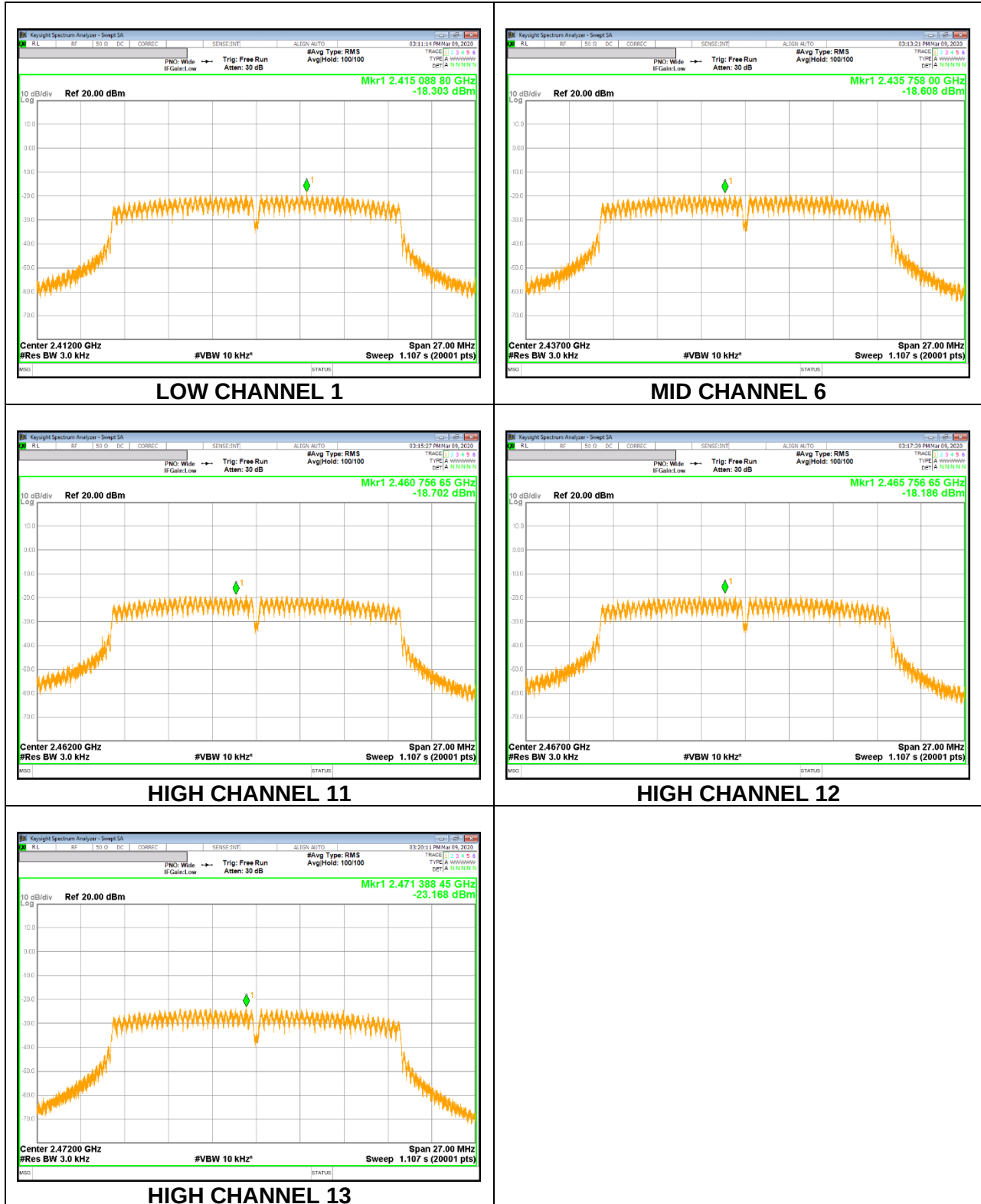
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas (dBm/ 3kHz)	Chain 1 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-18.44	-18.30	-15.19	8.0	-23.2
Mid 6	2437	-16.94	-18.61	-14.51	8.0	-22.5
High 11	2462	-17.84	-18.70	-15.07	8.0	-23.1
High 12	2467	-21.05	-18.19	-16.21	8.0	-24.2
High 13	2472	-26.94	-23.17	-21.48	8.0	-29.5

1TX Antenna 1 MODE Plot



1TX Antenna 2 MODE Plot



9.6. CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)

RSS-247 5.5

Output power was measured based on the use of average measurement, therefore the required attenuation is 30 dB.

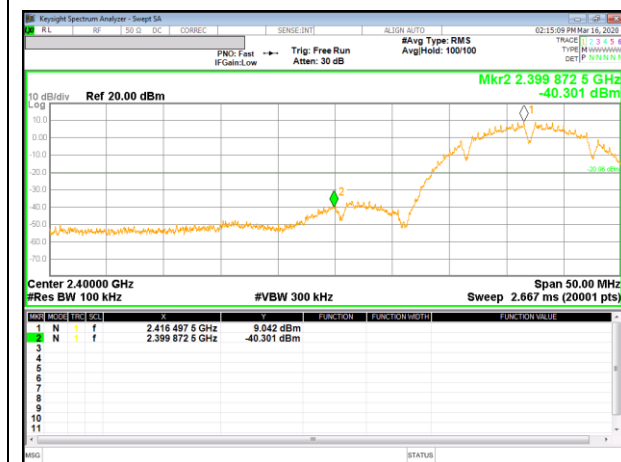
RESULTS

9.6.1. 802.11b MODE

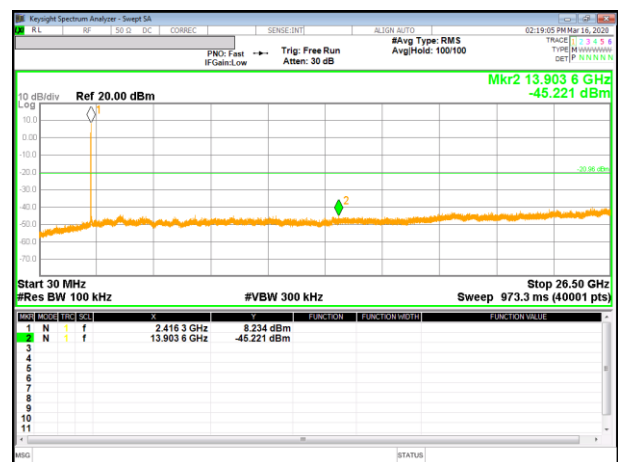
1TX Antenna 1 MODE



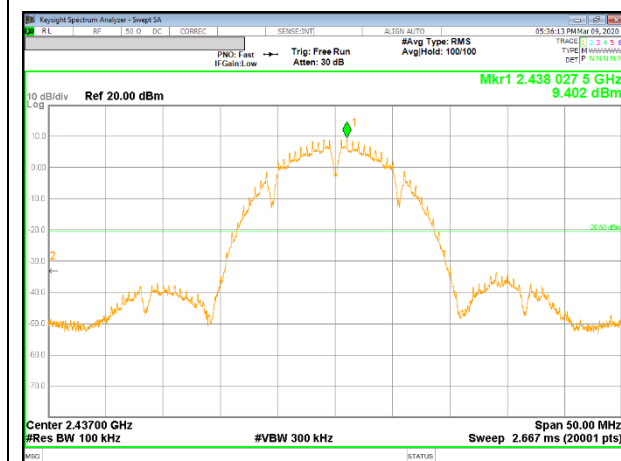
LOW CHANNEL 1 BANDEDGE



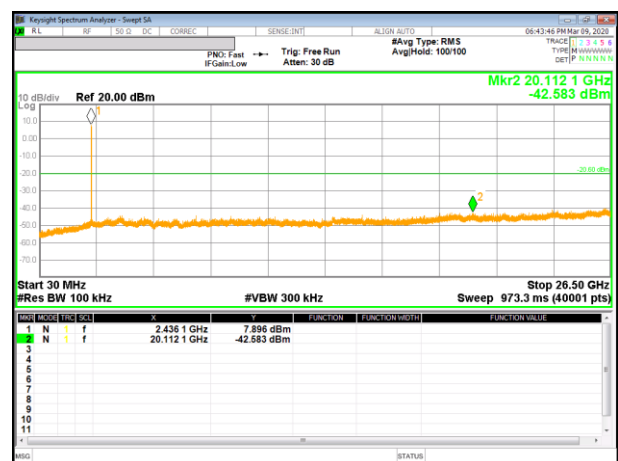
LOW CHANNEL 2 BANDEDGE



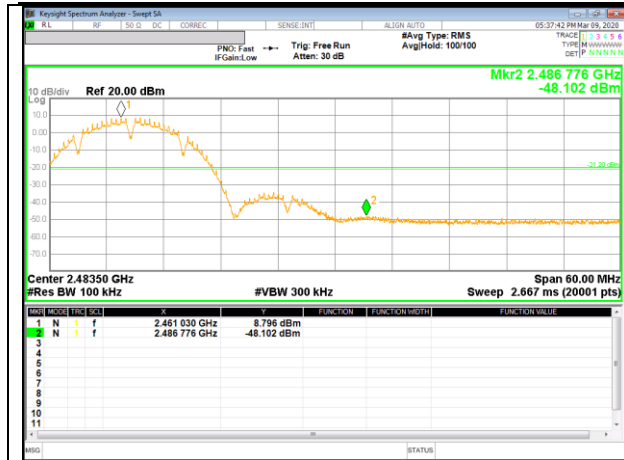
OUT-OF-BAND LOW CHANNEL 2



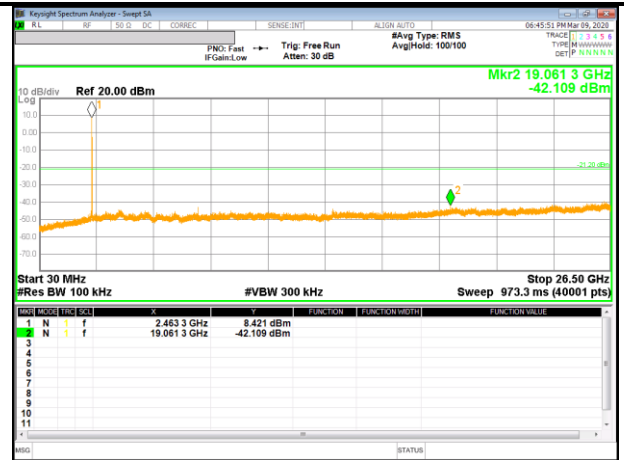
IN-BAND REFERENCE LEVEL



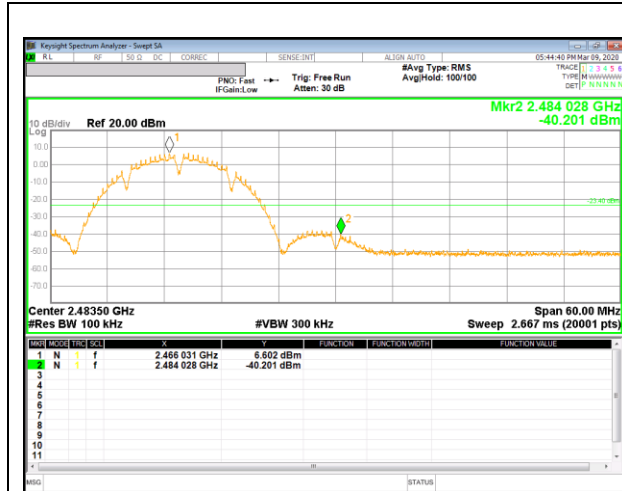
OUT-OF-BAND MID CHANNEL



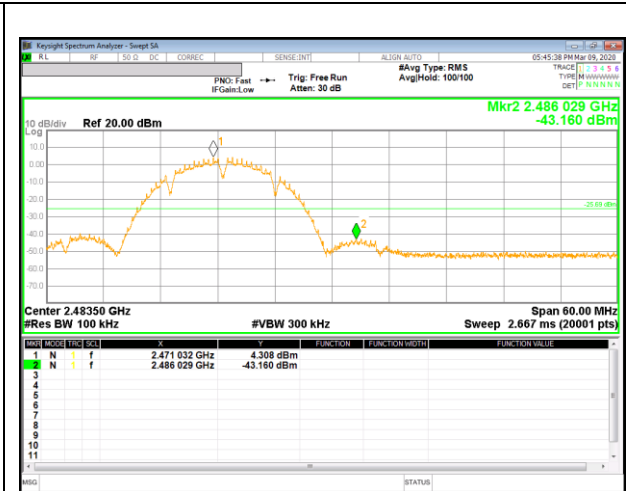
HIGH CHANNEL 11 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 11

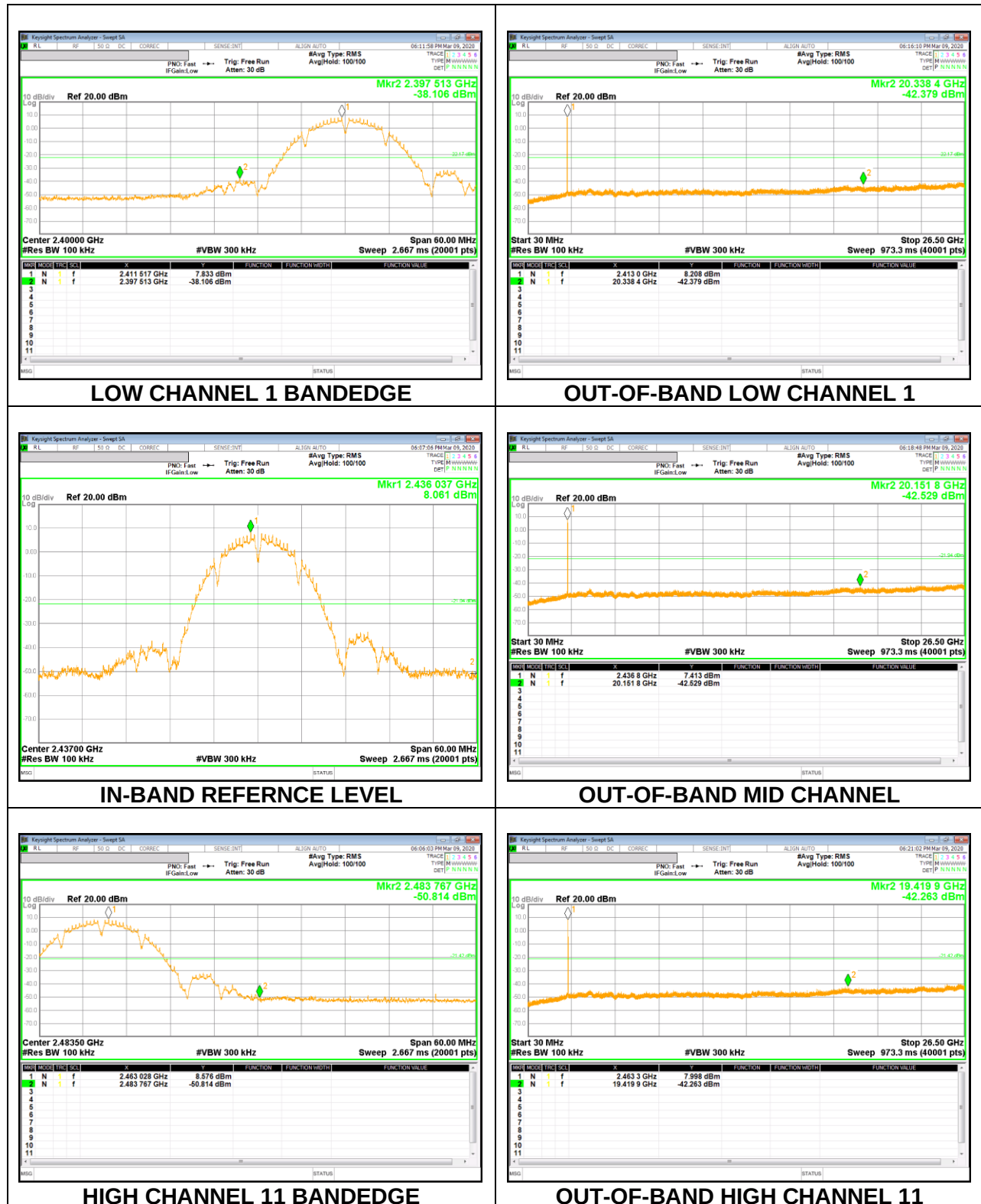


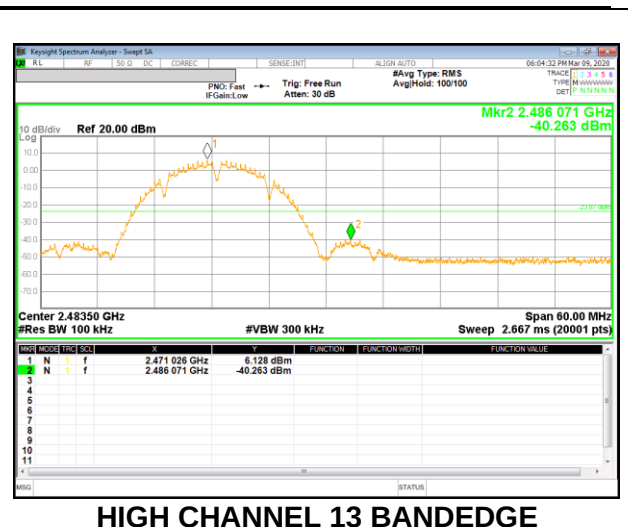
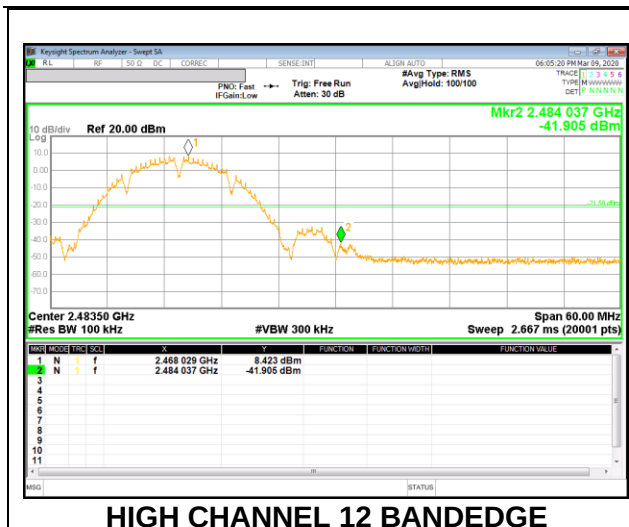
HIGH CHANNEL 12 BANDEDGE



HIGH CHANNEL 13 BANDEDGE

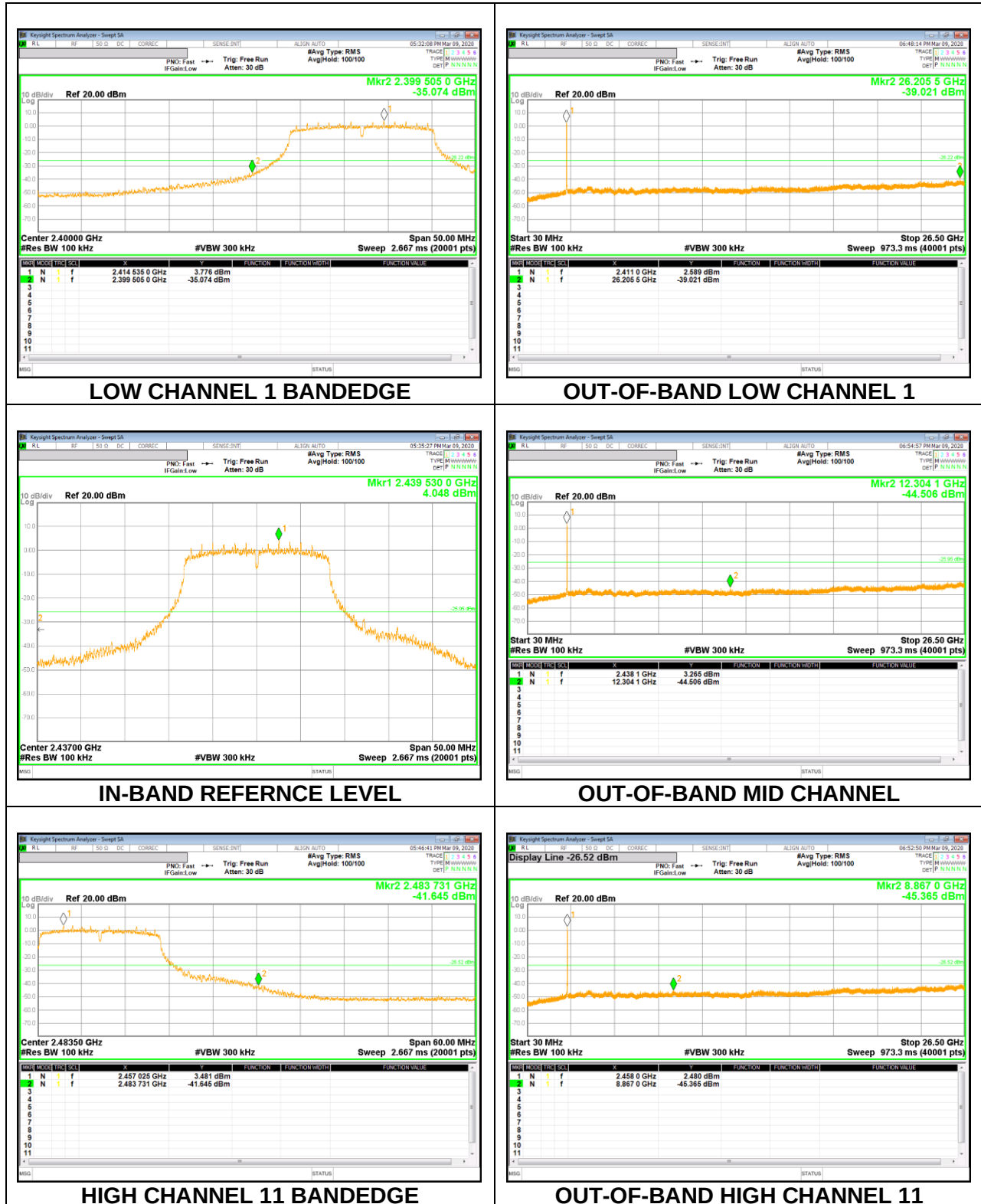
1TX Antenna 2 MODE

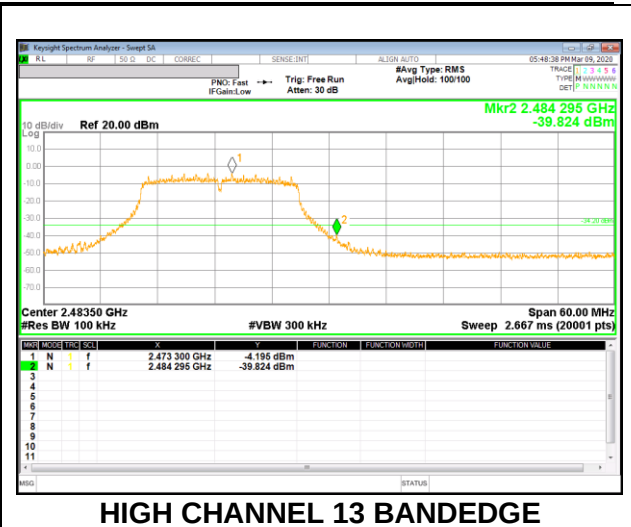
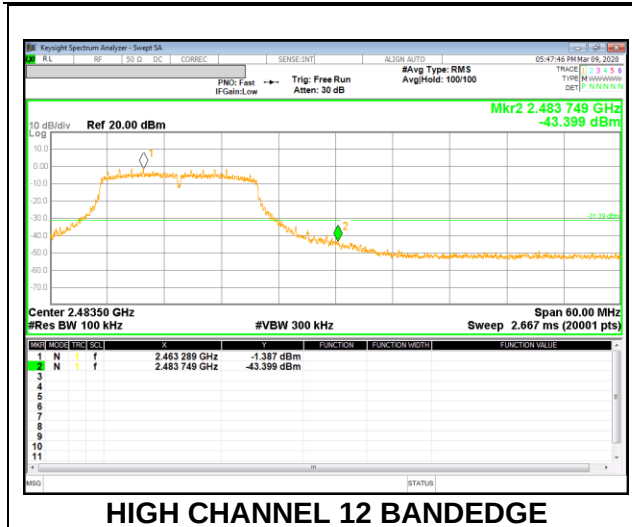




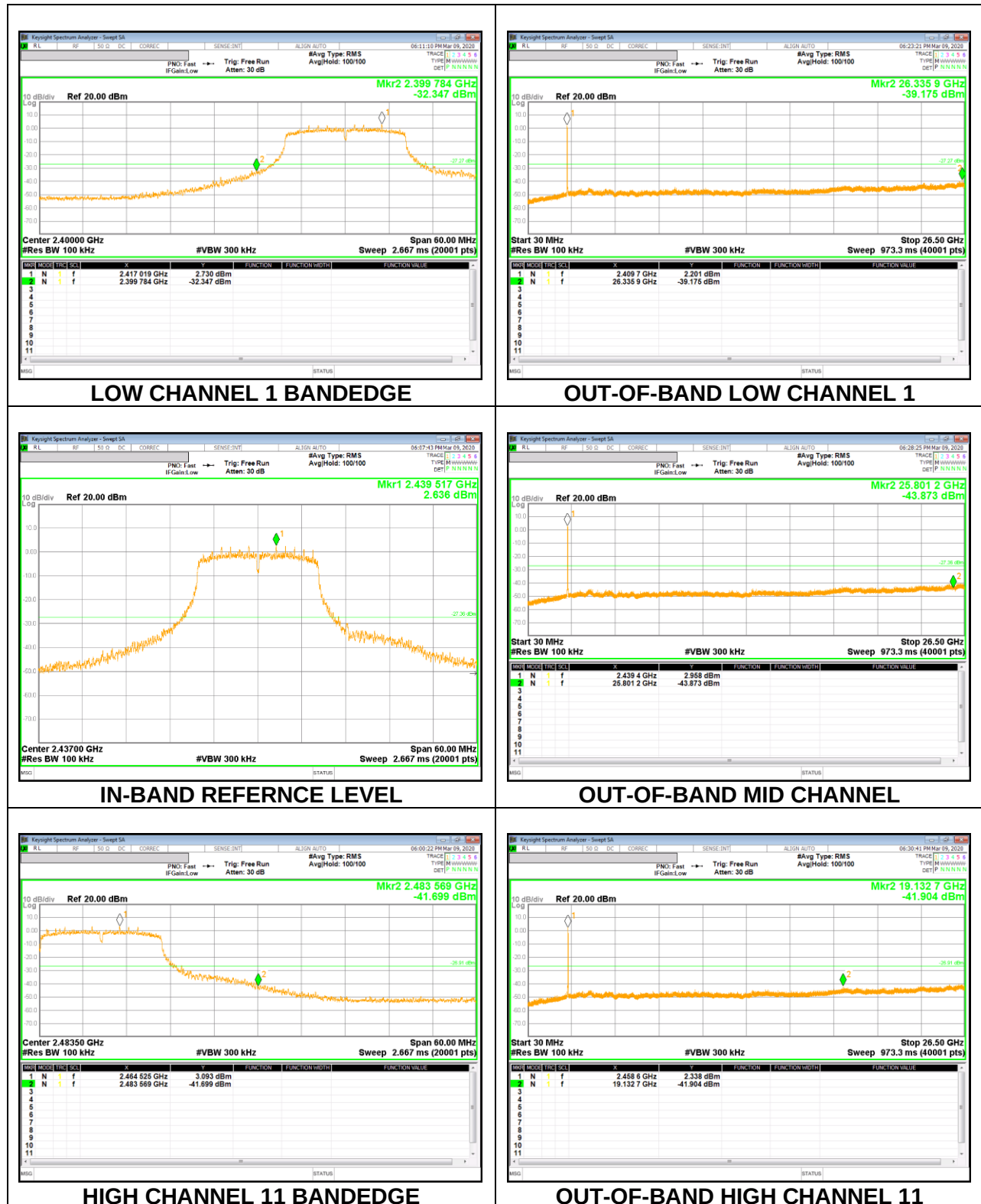
9.6.2. 802.11g MODE

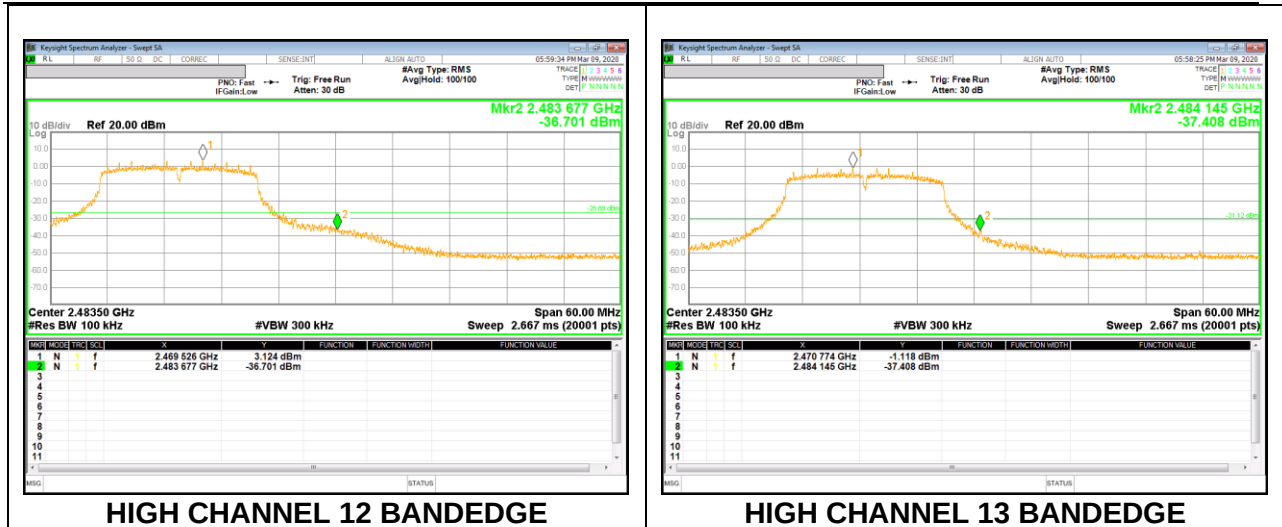
1TX Antenna 1 MODE





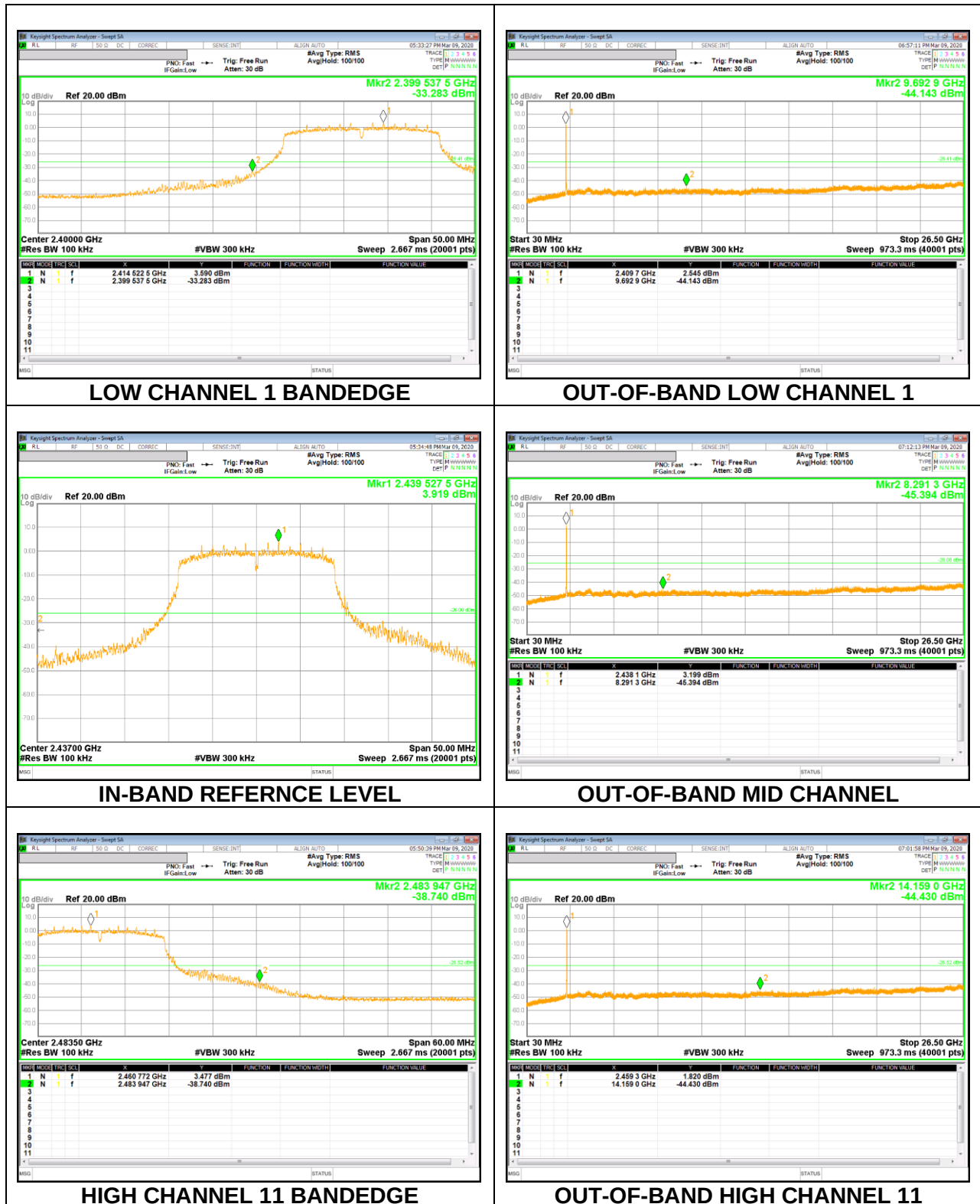
1TX Antenna 2 MODE

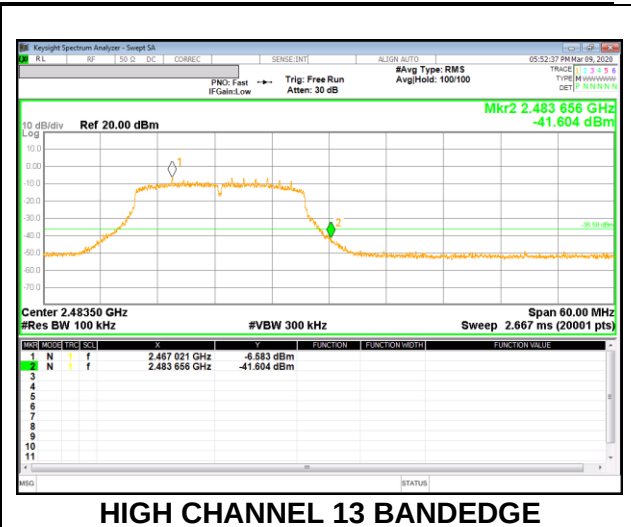
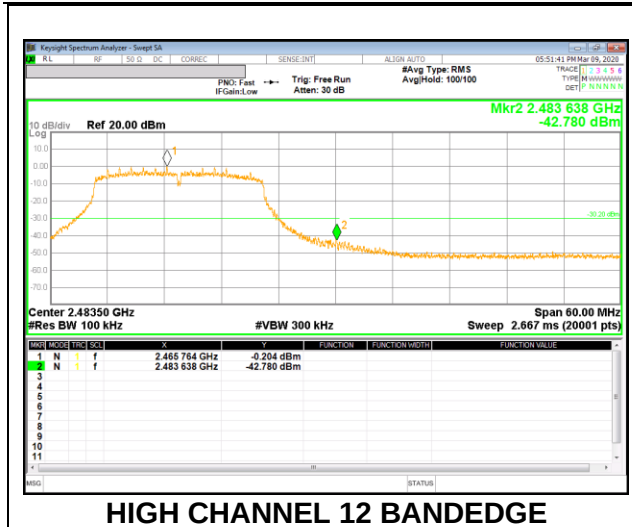




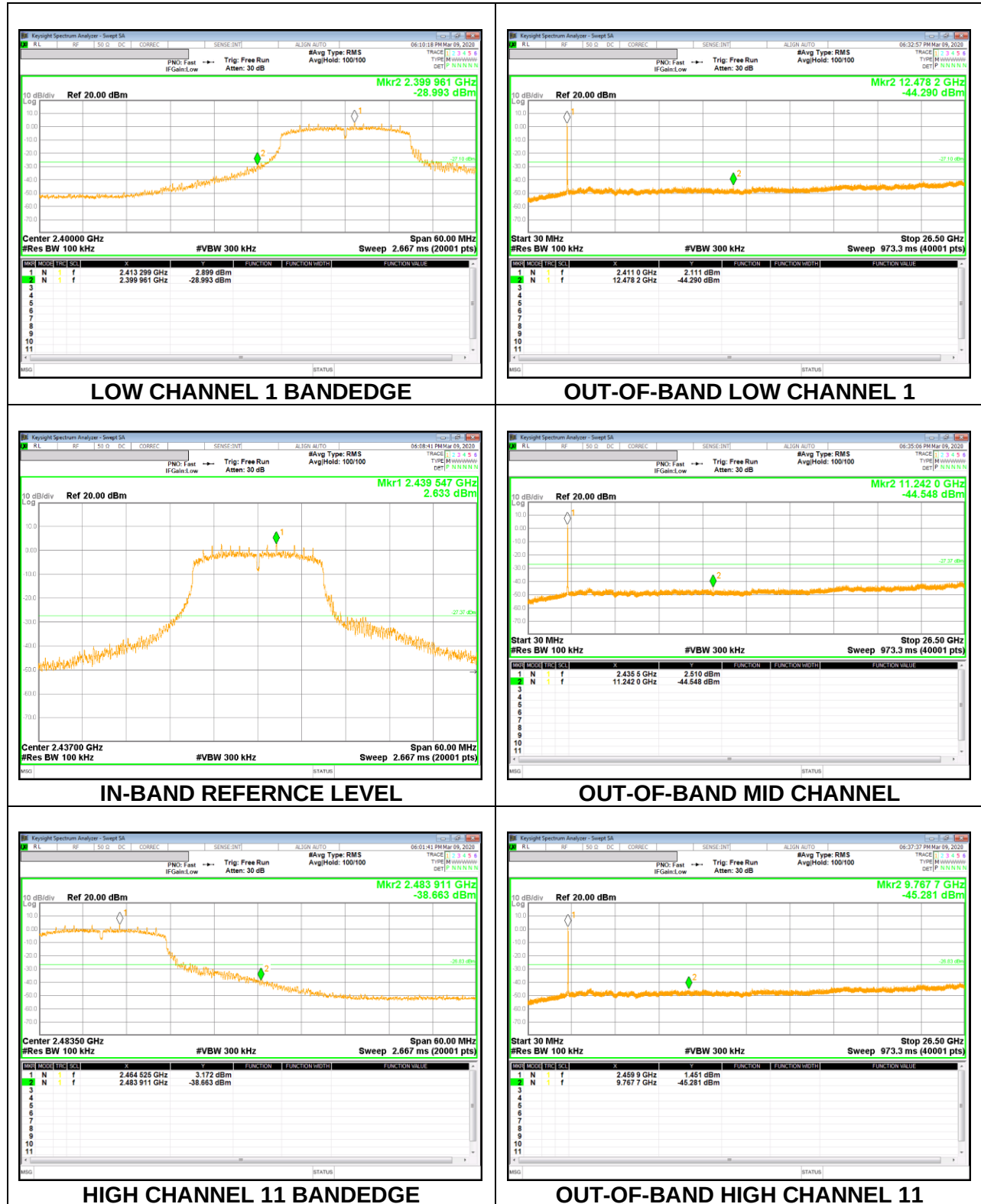
9.6.3. 802.11n HT20 MODE

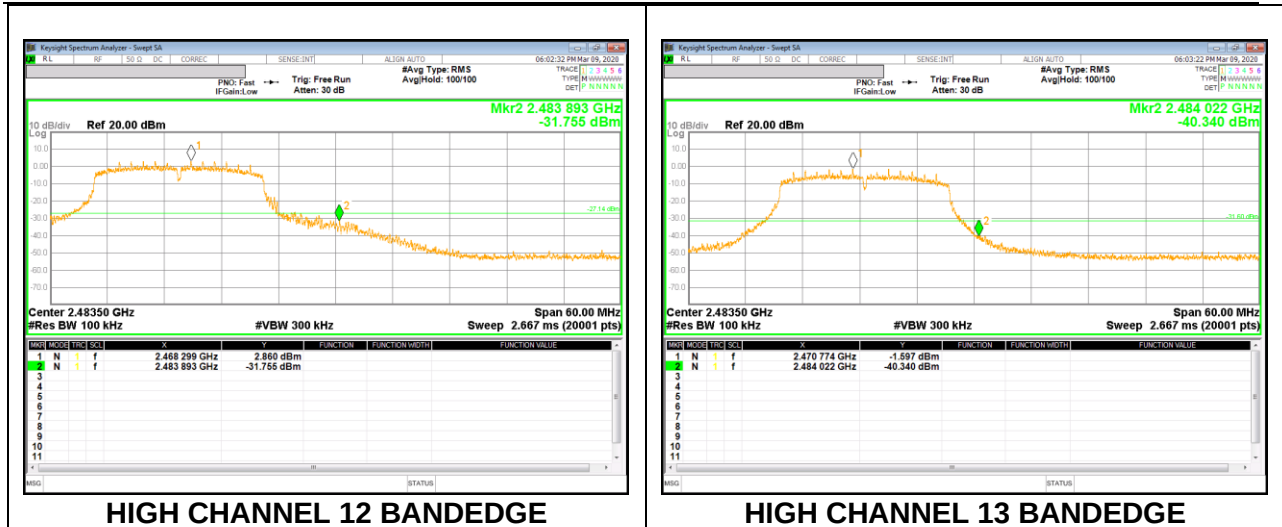
1TX Antenna 1 MODE





1TX Antenna 2 MODE





10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

Limits for radiated disturbance of an intentional radiator		
Frequency range (MHz)	Limits (µV/m)	Measurement Distance (m)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30	30
30 – 88	100**	3
88 - 216	150**	3
216 – 960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g. §§ 15.231 and 15.241.

FCC Part 15.205 (a) : Only spurious emissions are permitted in any of the frequency bands listed below :

MHz	MHz	MHz	MHz	GHz	GHz
0.009 ~ 0.110	8.41425 ~ 8.41475	108 ~ 121.94	1300 ~ 1427	4.5 ~ 5.15	14.47 ~ 14.5
0.495 ~ 0.505	12.29 ~ 12.293	123 ~ 138	1435 ~ 1626.5	5.35 ~ 5.46	15.35 ~ 16.2
2.1735 ~ 2.1905	12.51975 ~ 12.52025	149.9 ~ 150.05	1645.5 ~ 1646.5	7.25 ~ 7.75	17.7 ~ 21.4
4.125 ~ 4.128	12.57675 ~ 12.57725	156.52475 ~	1660 ~ 1710	8.025 ~ 8.5	22.01 ~ 23.12
4.17725 ~ 4.17775	13.36 ~ 13.41	156.52525	1718.8 ~ 1722.2	9.0 ~ 9.2	23.6 ~ 24.0
4.20725 ~ 4.20775	16.42 ~ 16.423	156.7 ~ 156.9	2200 ~ 2300	9.3 ~ 9.5	31.2 ~ 31.8
6.215 ~ 6.218	16.69475 ~ 16.69525	162.0125 ~	2310 ~ 2390	10.6 ~ 12.7	36.43 ~ 36.5
6.26775 ~ 6.26825	16.80425 ~ 16.80475	167.17	2483.5 ~ 2500	13.25 ~ 13.4	Above 38.6
6.31175 ~ 6.31225	25.5 ~ 25.67	167.72 ~ 173.2	2655 ~ 2900		
8.291 ~ 8.294	37.5 ~ 38.25	240 ~ 285	3260 ~ 3267		
8.362 ~ 8.366	73 ~ 74.6	322 ~ 335.4	3332 ~ 3339		
8.37625 ~ 8.38675	74.8 ~ 75.2	399.90 ~ 410	3345.8 ~ 3358		
		608 ~ 614	3600 ~ 4400		
		960 ~ 1240			

▪ FCC Part 15.205(b) : The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in §15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in §15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in §15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in §15.35 apply to these measurements.

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1 GHz and 150 cm for above 1 GHz. 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 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. (Restricted bandedge, Final detection of spurious harmonic emissions)
Duty cycle factor = $10\log(1/x)$ For this sample B mode = 0dB (duty cycle >98%); G mode = 0.18dB (duty cycle = 95.8%); N mode = 0.17dB (duty cycle = 96.3%).

Pre-scans to detect harmonic and spurious emissions, the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 kHz for peak measurements.

The spectrum from 1 GHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.
(From 30MHz to 1GHz, test was performed with the EUT set to transmit at the channel with highest output power)

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.

Note : Emission was pre-scanned from 9 kHz to 30 MHz; No emissions were detected which was at least 20dB below the specification limit (consider distance correction factor).
Per FCC part 15.31(o), test results were not reported.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area test site.
Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the one of tests made in an open field based on KDB 414788.

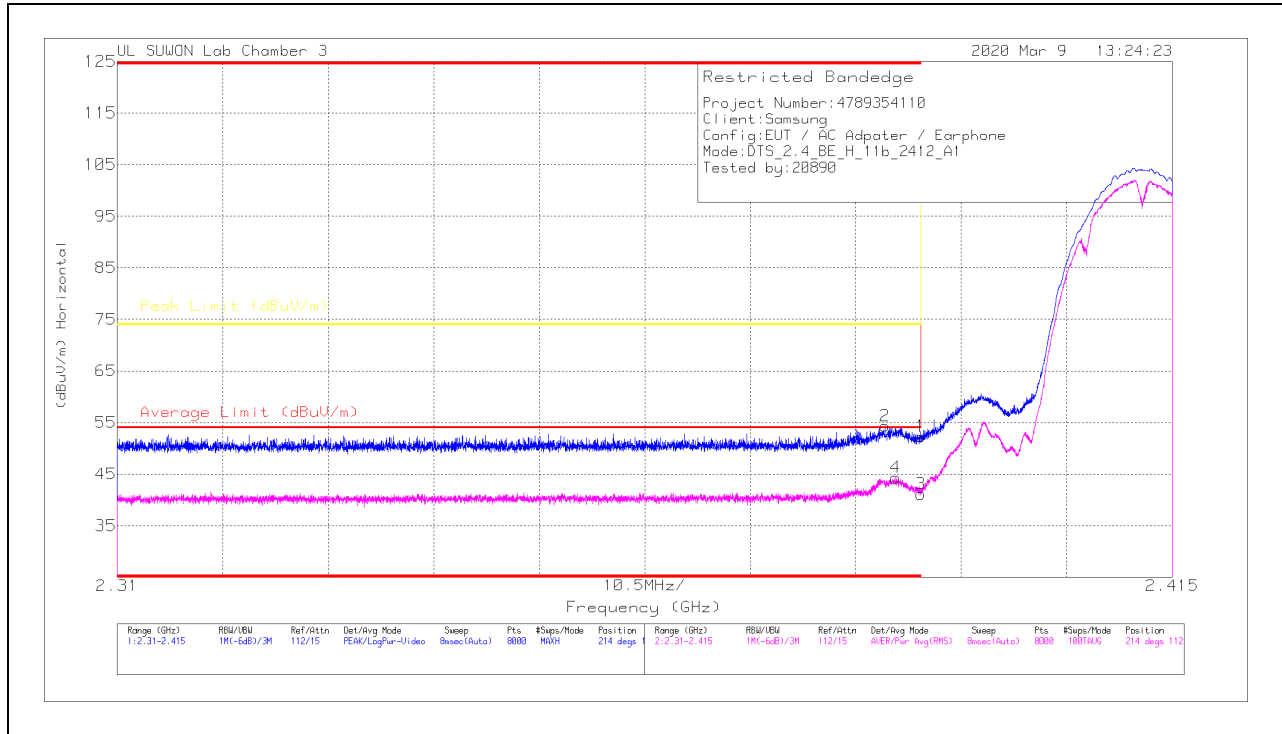
10.1. TRANSMITTER ABOVE 1 GHz

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



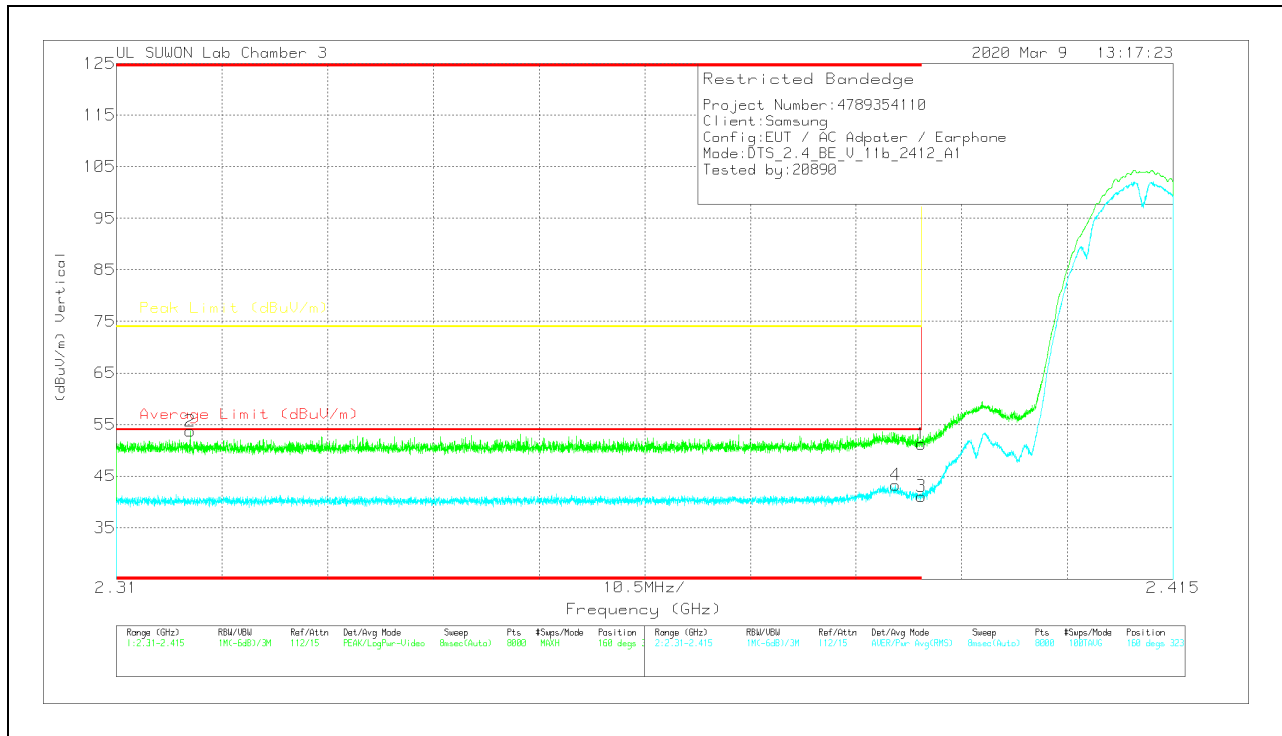
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.51	PK	31.7	-22.9	0	52.31	-	-	74	-21.69	214	112	H
2	* 2.3854	45.54	PK	31.7	-22.9	0	54.34	-	-	74	-19.66	214	112	H
3	* 2.39	32.35	RMS	31.7	-22.9	0	41.15	54	-12.85	-	-	214	112	H
4	* 2.38746	35.51	RMS	31.7	-22.9	0	44.31	54	-9.69	-	-	214	112	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	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.46	Pk	31.7	-22.9	0	51.26	-	-	74	-22.74	160	323	V
2	* 2.31734	45.11	Pk	31.5	-22.9	0	53.71	-	-	74	-20.29	160	323	V
3	* 2.39	32.29	RMS	31.7	-22.9	0	41.09	54	-12.91	-	-	160	323	V
4	* 2.38742	34.48	RMS	31.7	-22.9	0	43.28	54	-10.72	-	-	160	323	V

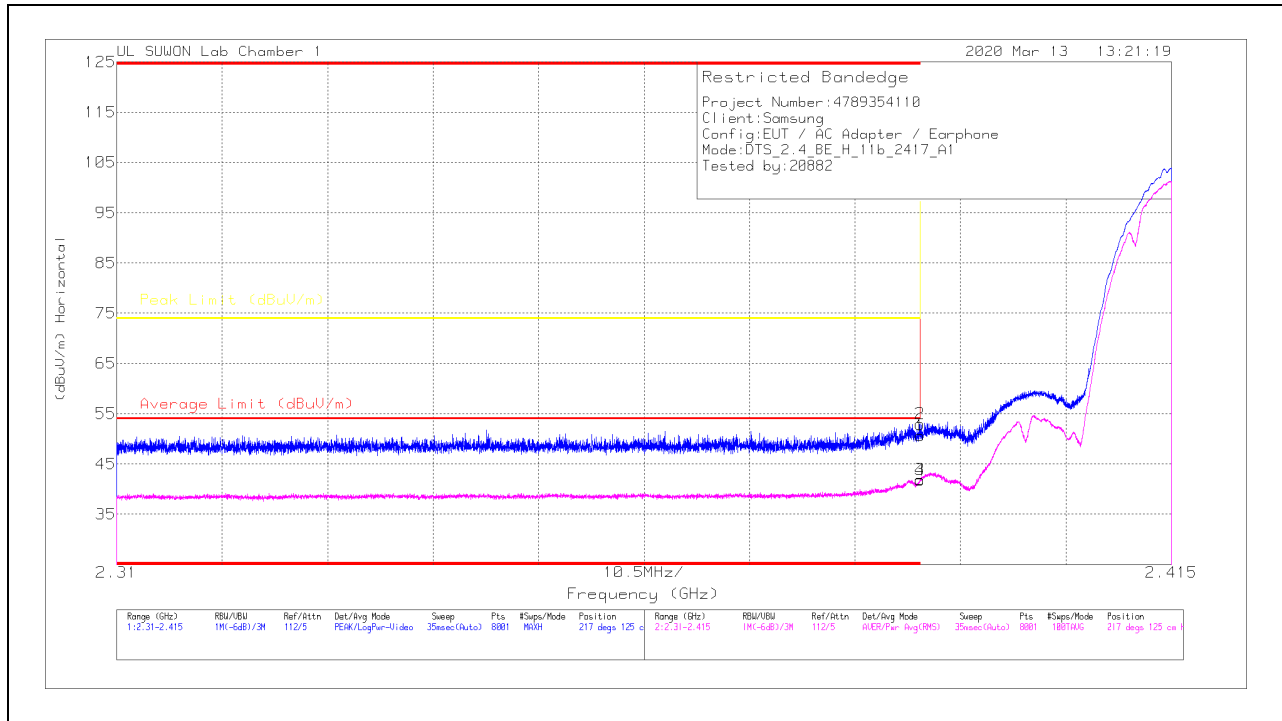
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



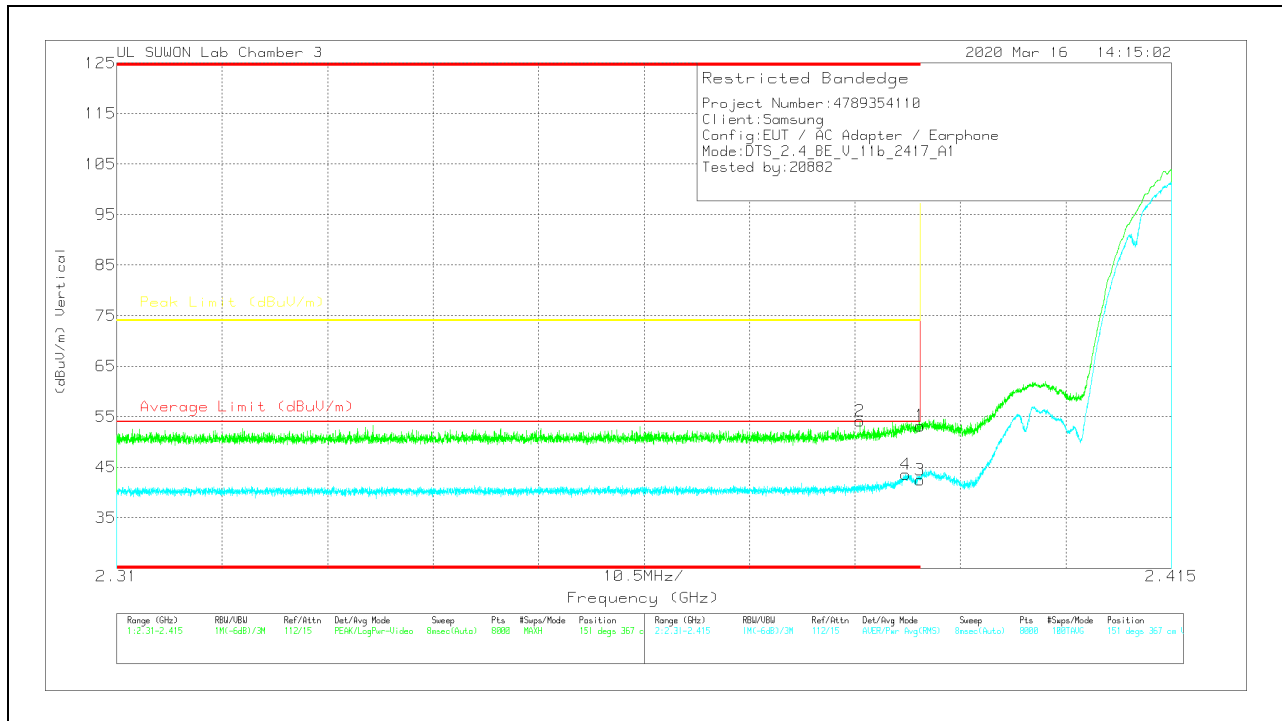
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (m)	Polarity
1	* 2.39	44.41	PK	31.7	-25.5	0	50.61	-	-	74	-23.39	217	125	H
2	* 2.38997	46.74	PK	31.7	-25.5	0	52.94	-	-	74	-21.06	217	125	H
3	* 2.39	35.72	RMS	31.7	-25.5	0	41.92	54	-12.08	-	-	217	125	H
4	* 2.38998	35.62	RMS	31.7	-25.5	0	41.82	54	-12.18	-	-	217	125	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	3117_00205959	10dB_ATT[dB]	DC Cor (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	44.41	Pk	31.7	-22.9	0	53.21	-	-	74	-20.79	151	367	V
2	* 2.384	45.37	Pk	31.7	-22.9	0	54.17	-	-	74	-19.83	151	367	V
3	* 2.39	33.65	RMS	31.7	-22.9	0	42.45	54	-11.55	-	-	151	367	V
4	* 2.38953	34.82	RMS	31.7	-22.9	0	43.62	54	-10.38	-	-	151	367	V

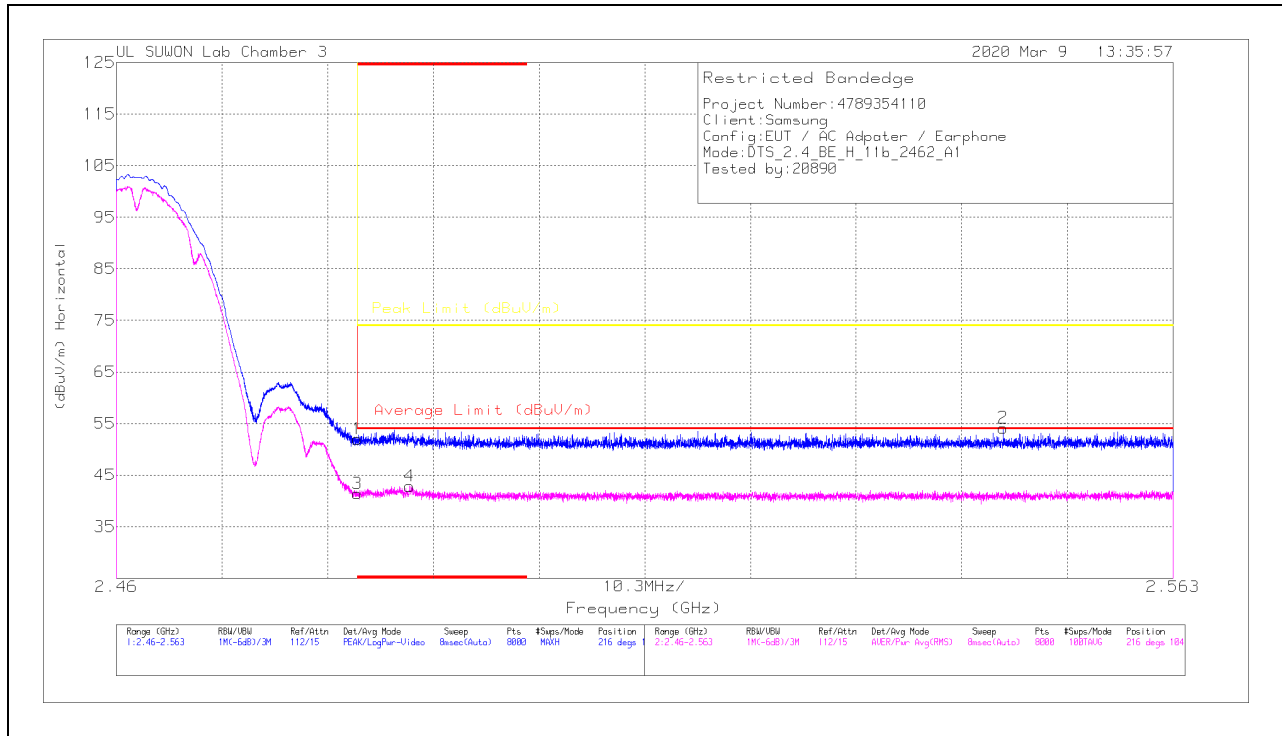
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



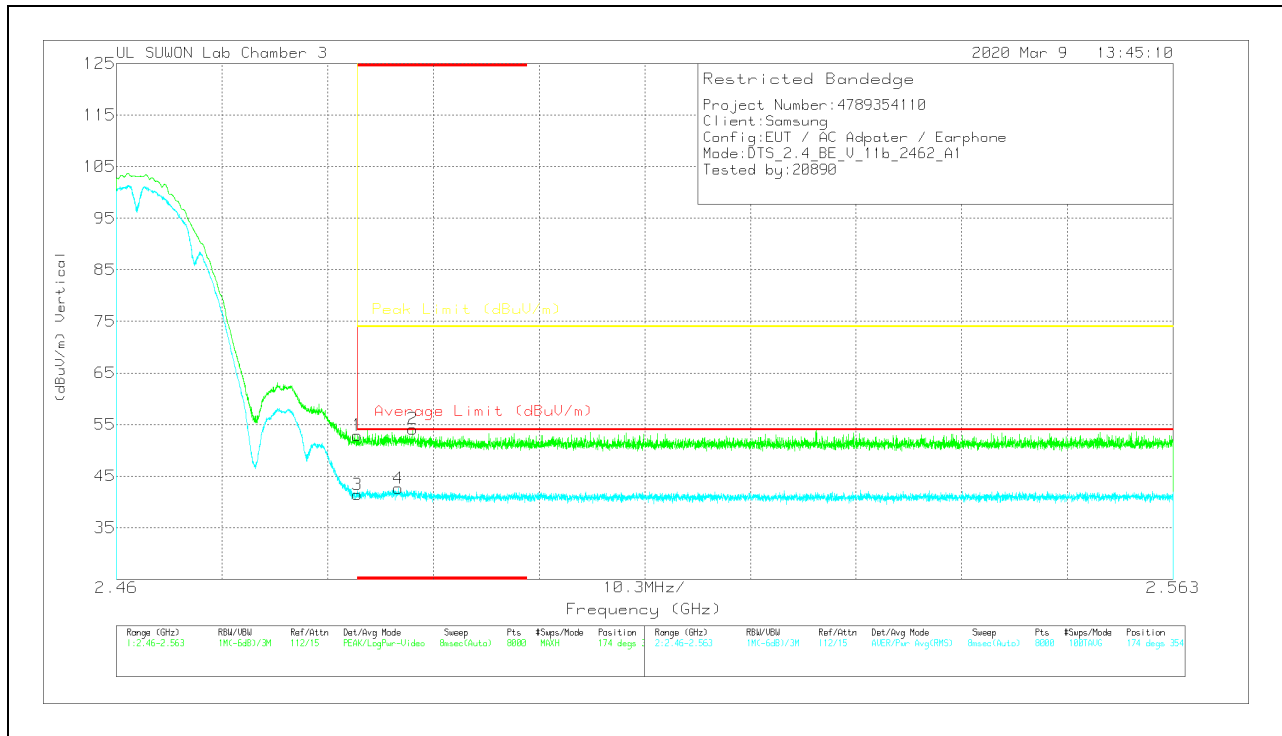
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	42.89	Pk	31.9	-22.8	0	51.99	-	-	74	-22.01	216	104	H
2	2.54644	44.82	Pk	32	-22.7	0	54.12	-	-	74	-19.88	216	104	H
3	* 2.4835	32.33	RMS	31.9	-22.8	0	41.43	54	-12.57	-	-	216	104	H
4	* 2.48859	33.74	RMS	31.9	-22.8	0	42.84	54	-11.16	-	-	216	104	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	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.8	Pk	31.9	-22.8	0	52.9	-	-	74	-21.1	174	354	V
2	* 2.4888	45.05	Pk	31.9	-22.8	0	54.15	-	-	74	-19.85	174	354	V
3	* 2.4835	32.3	RMS	31.9	-22.8	0	41.4	54	-12.6	-	-	174	354	V
4	* 2.48748	33.53	RMS	31.9	-22.8	0	42.63	54	-11.37	-	-	174	354	V

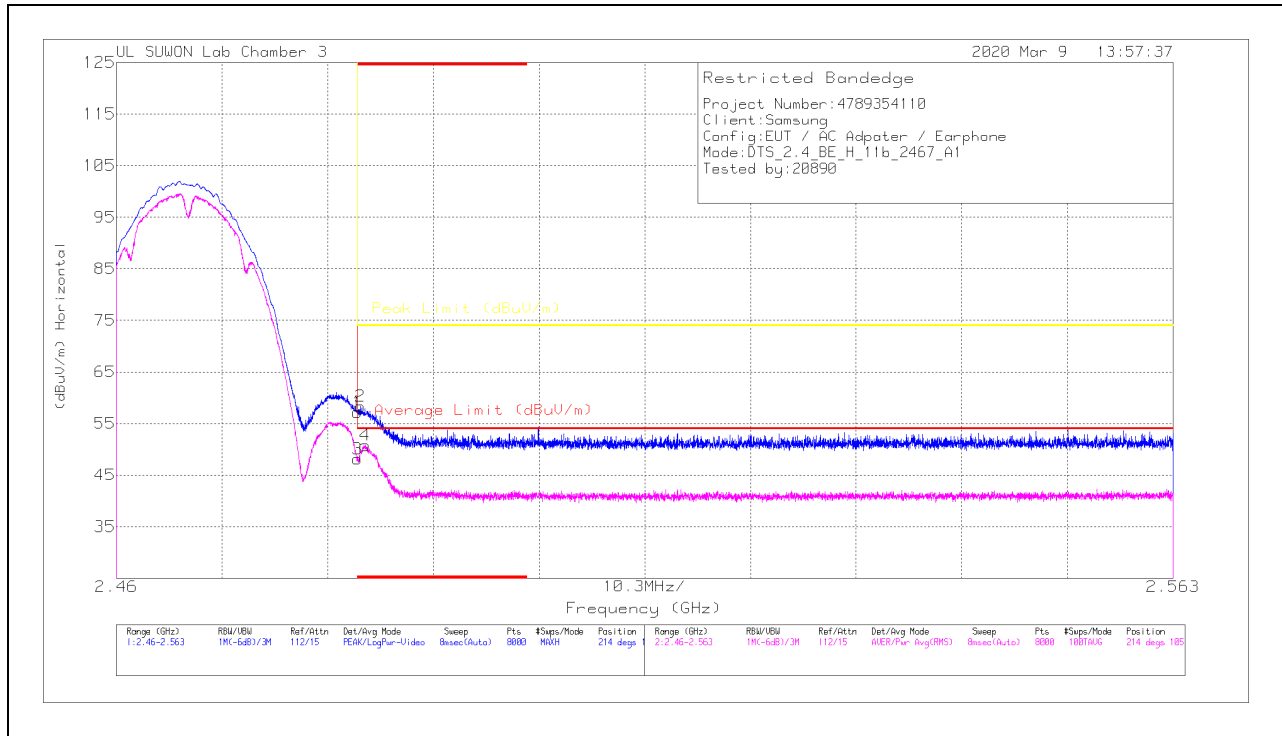
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



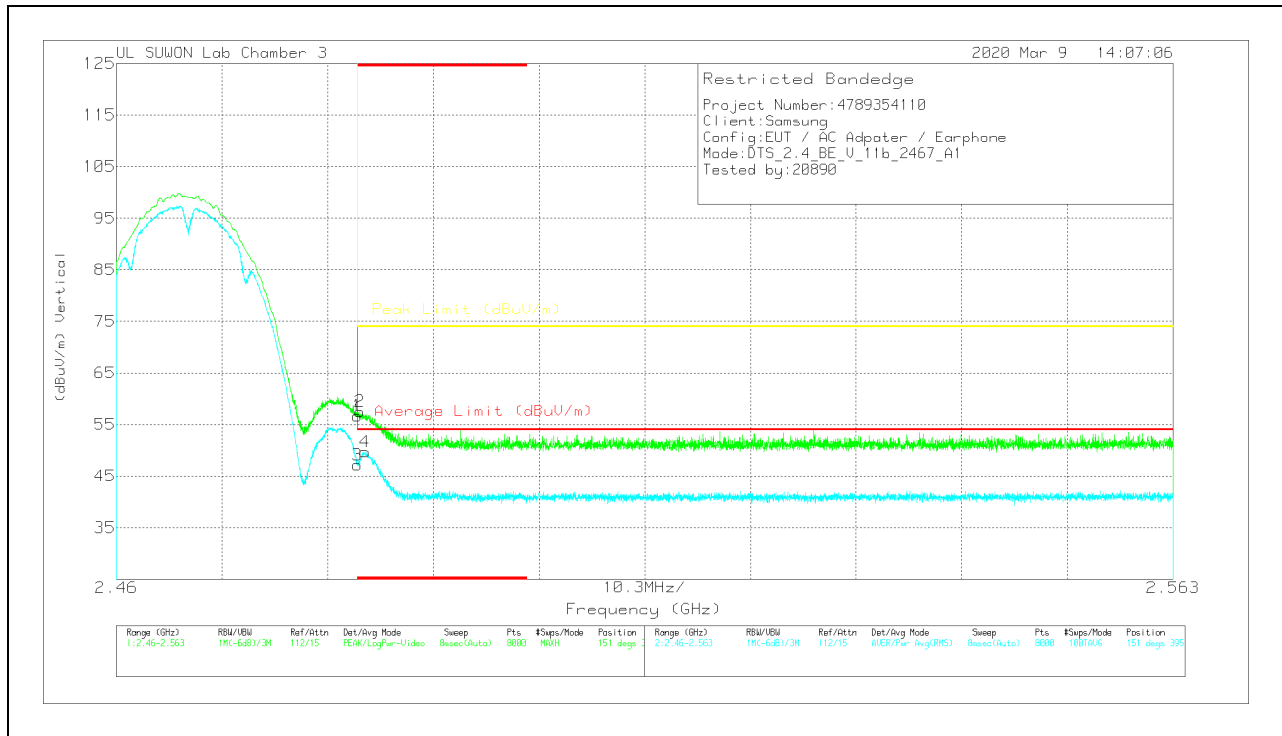
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	49.11	Pk	31.9	-22.8	0	57.21	-	-	74	-16.79	214	105	H
2	* 2.48377	49.22	Pk	31.9	-22.8	0	58.32	-	-	74	-15.68	214	105	H
3	* 2.4835	39.03	RMS	31.9	-22.8	0	48.13	54	-5.87	-	-	214	105	H
4	* 2.48426	41.57	RMS	31.9	-22.7	0	50.77	54	-3.23	-	-	214	105	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	3117_00205959	10dB_ATT[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	* 2.4835	47.61	Pk	31.9	-22.8	0	56.71	-	-	74	-17.29	151	395	V
2	* 2.48375	48.41	Pk	31.9	-22.8	0	57.51	-	-	74	-16.49	151	395	V
3	* 2.4835	38.04	RMS	31.9	-22.8	0	47.14	54	-6.86	-	-	151	395	V
4	* 2.48425	40.5	RMS	31.9	-22.7	0	49.7	54	-4.3	-	-	151	395	V

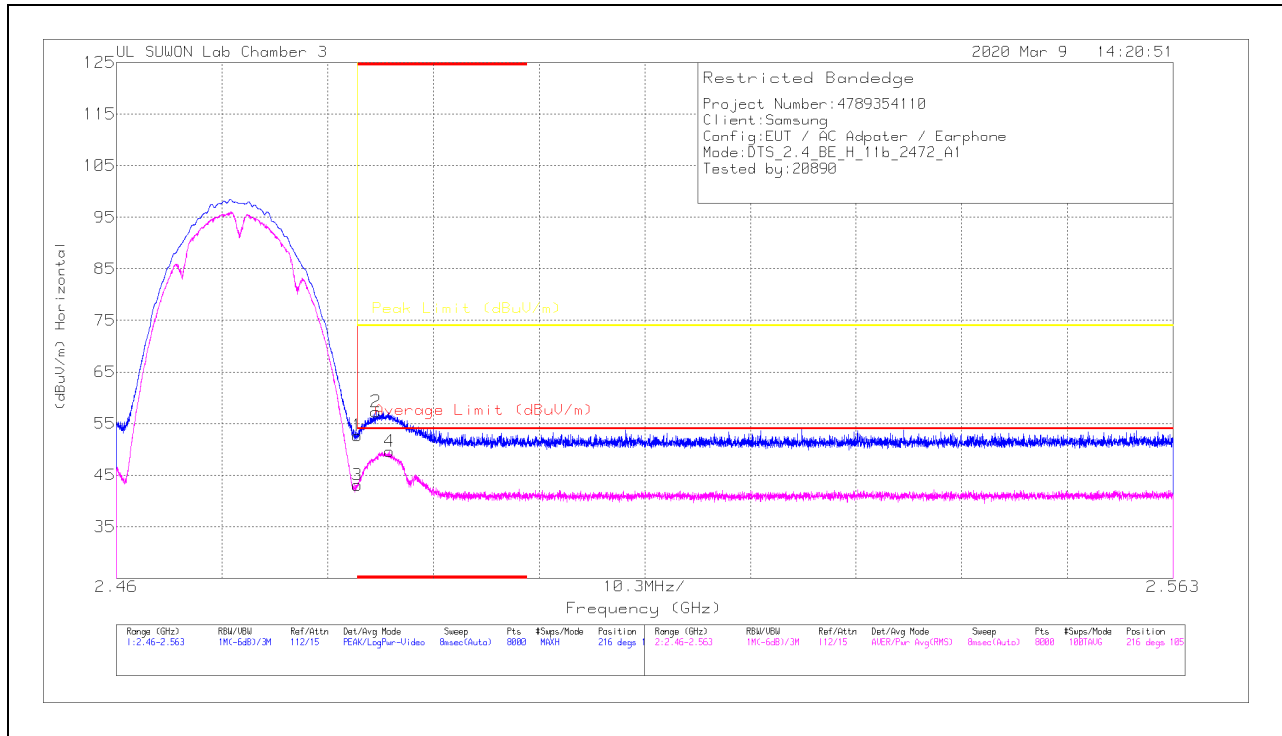
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



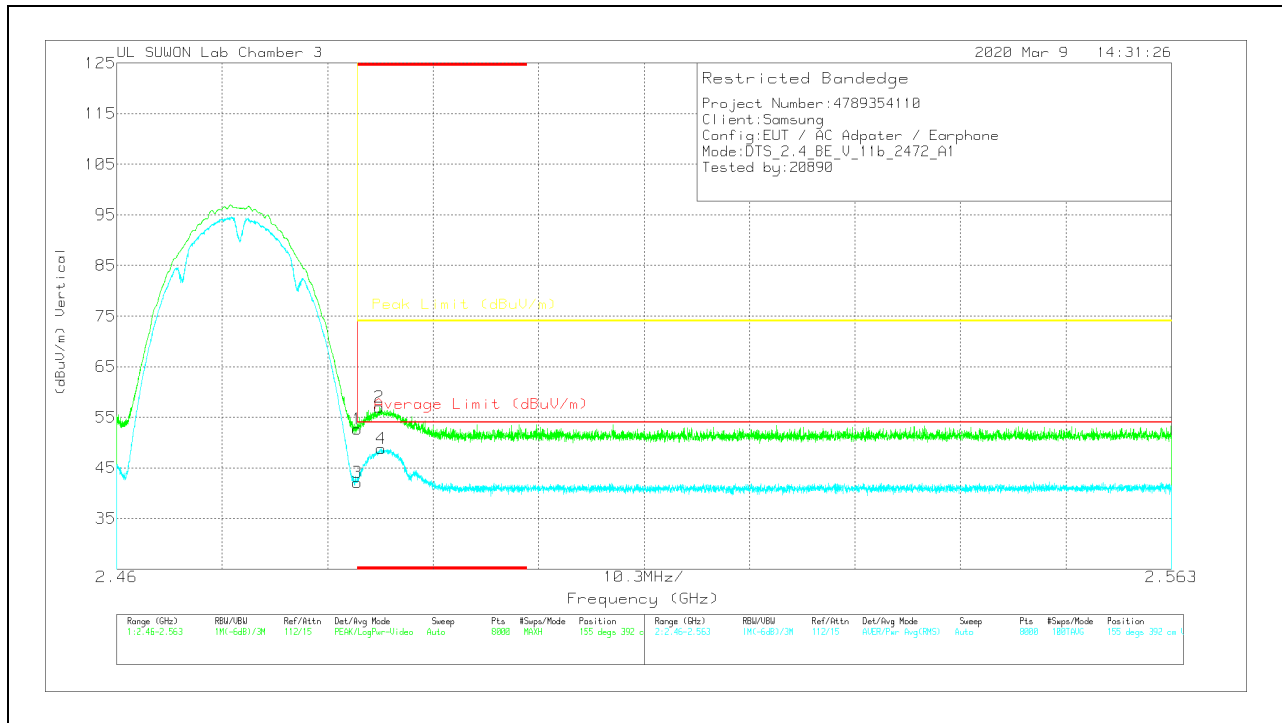
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.57	Pk	31.9	-22.8	0	52.67	-	-	74	-21.33	216	105	H
2	* 2.4853	48.18	Pk	31.9	-22.8	0	57.28	-	-	74	-16.72	216	105	H
3	* 2.4835	33.99	RMS	31.9	-22.8	0	43.09	54	-10.91	-	-	216	105	H
4	* 2.48663	40.51	RMS	31.9	-22.8	0	49.61	54	-4.39	-	-	216	105	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	3117_00205959	10dB_ATT[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	43.57	PK	31.9	-22.8	0	52.57	-	-	74	-21.33	155	392	V
2	* 2.48563	47.9	PK	31.9	-22.8	0	57	-	-	74	-17	155	392	V
3	* 2.4835	32.96	RMS	31.9	-22.8	0	42.06	54	-11.94	-	-	155	392	V
4	* 2.48579	39.71	RMS	31.9	-22.8	0	48.81	54	-5.19	-	-	155	392	V

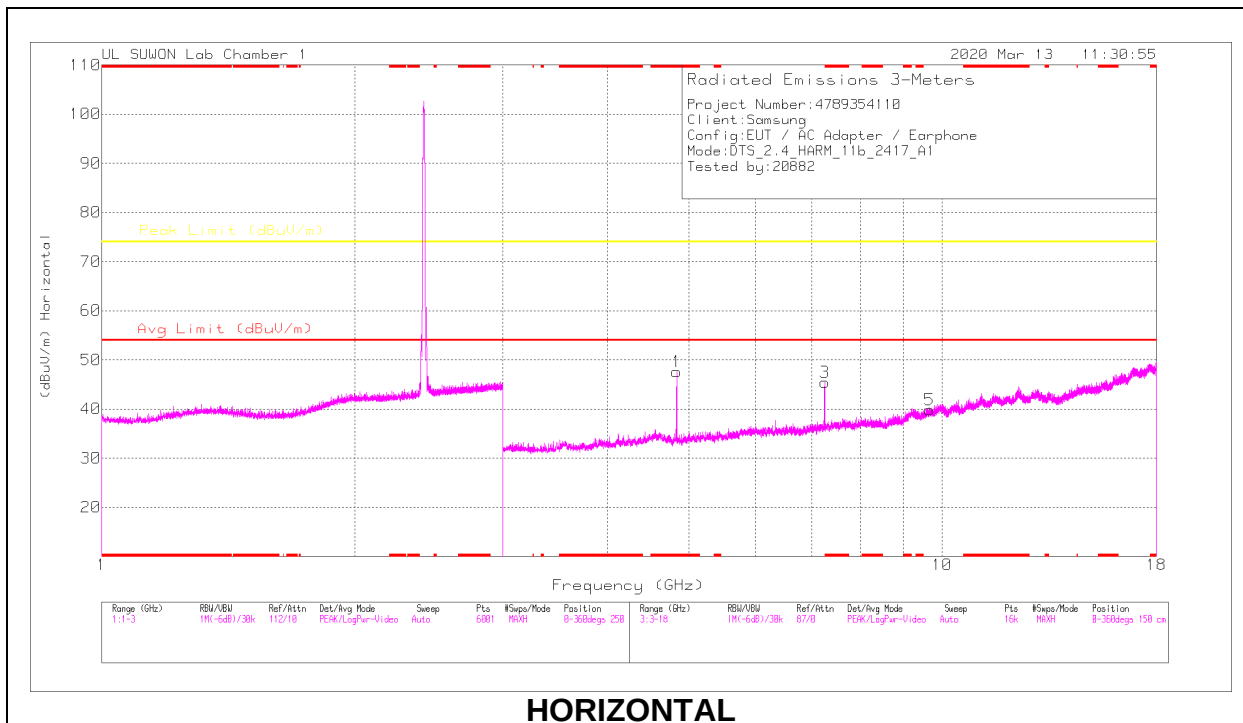
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

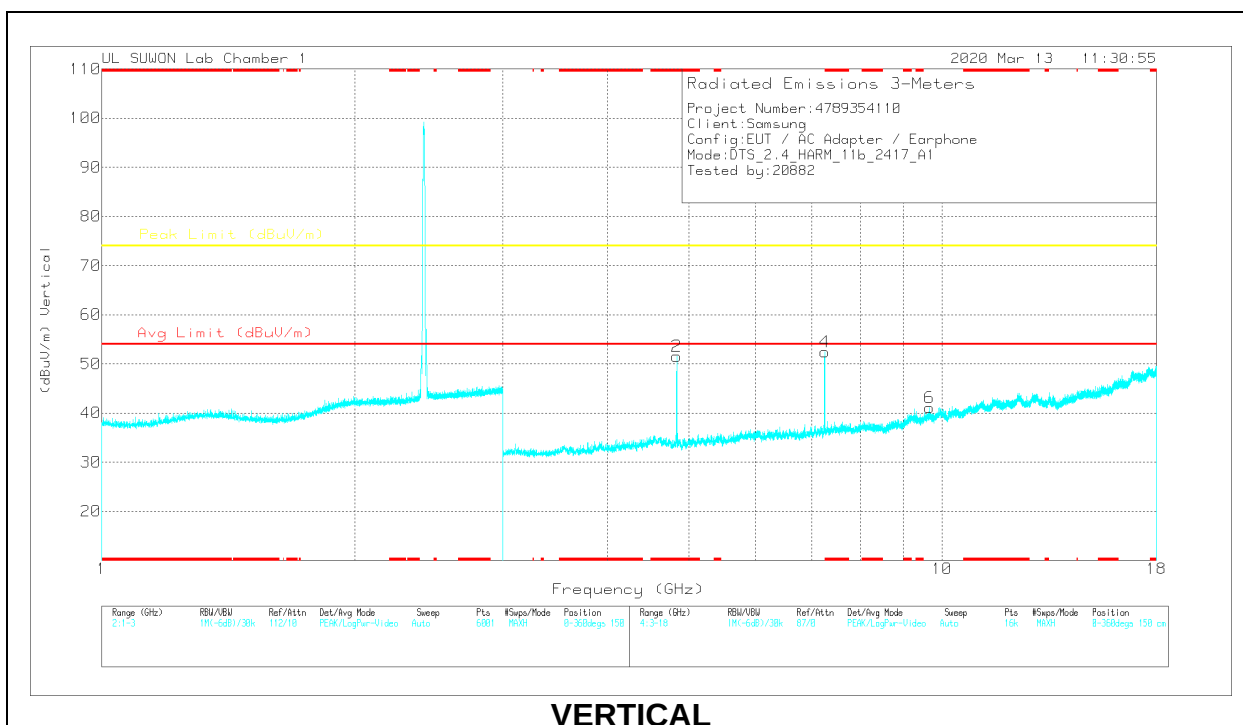
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 2 RESULTS



HORIZONTAL



VERTICAL

Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

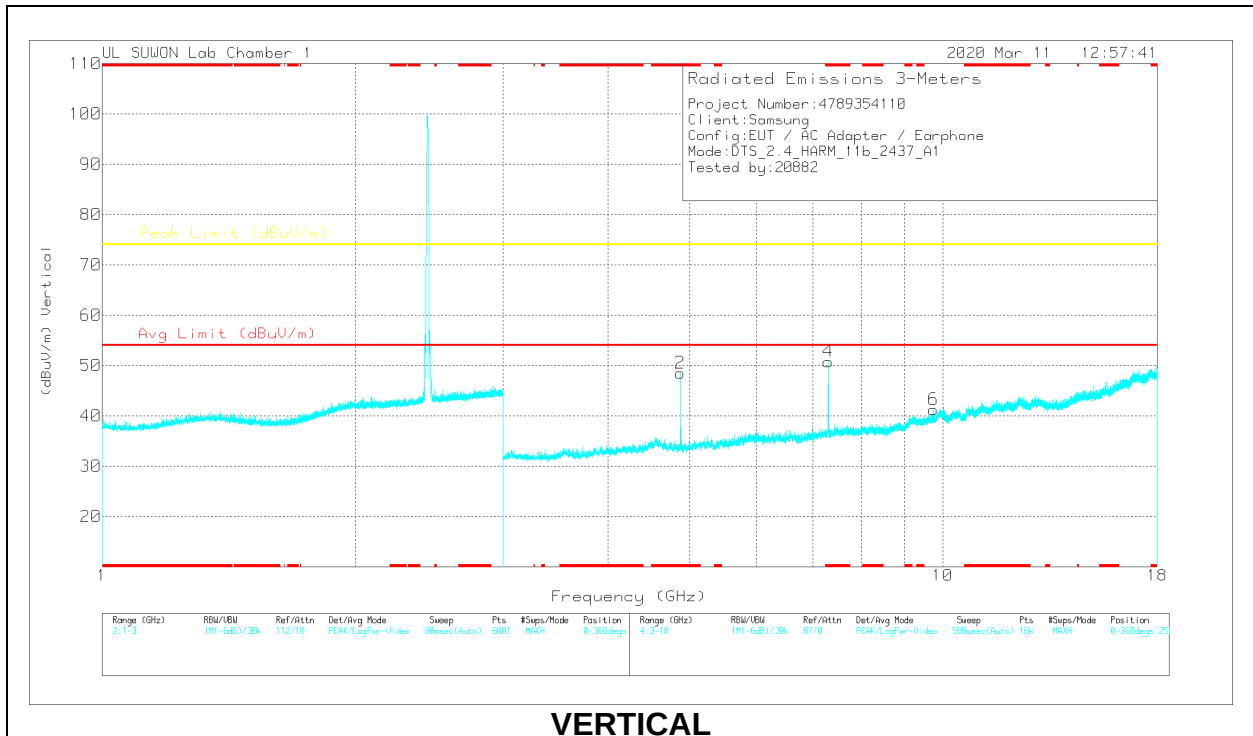
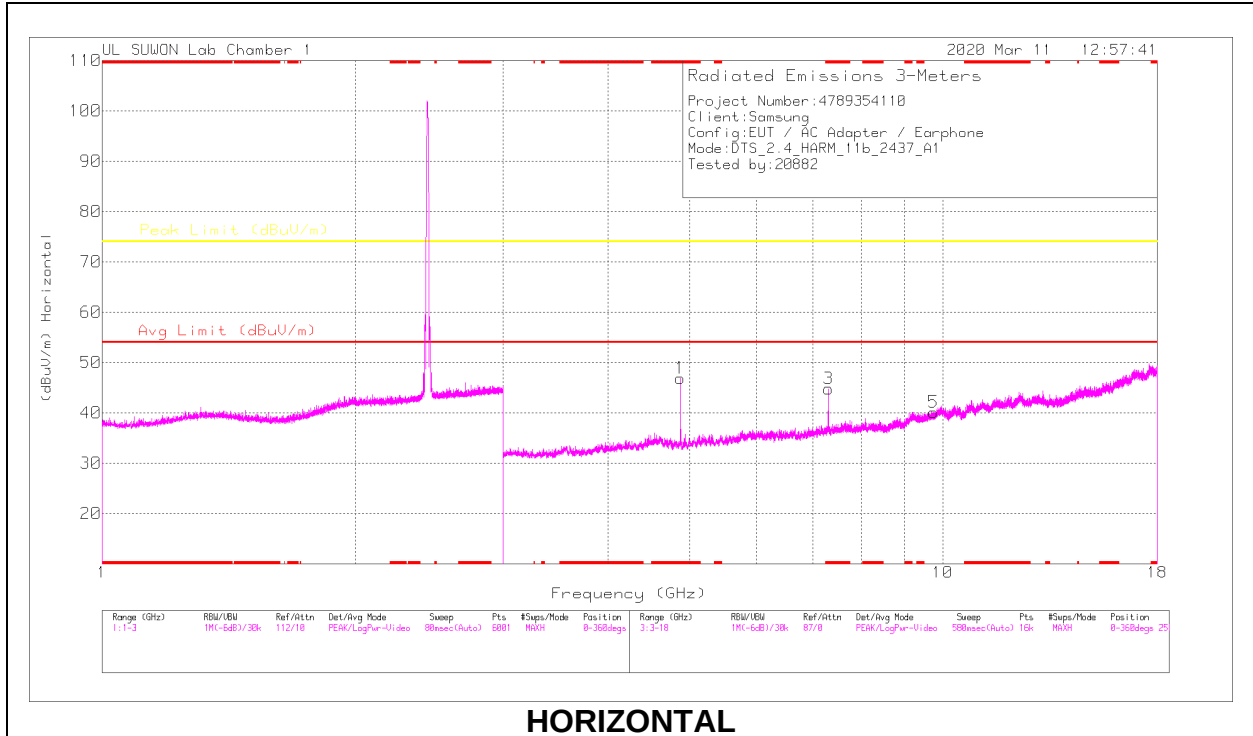
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.83397	49.59	PK2	34.2	-31.5	0	52.29	-	-	74	-21.71	203	100	H
* 4.83399	46.65	MAv1	34.2	-31.5	0	49.35	54	-4.65	-	-	203	100	H
* 4.83397	50.56	PK2	34.2	-31.5	0	53.26	-	-	74	-20.74	178	296	V
* 4.83401	47.99	MAv1	34.2	-31.5	0	50.69	54	-3.31	-	-	178	296	V
7.24955	42.43	PK2	35.8	-27.6	0	50.63	-	-	74	-23.37	55	104	H
7.24927	46.22	PK2	35.8	-27.6	0	54.42	-	-	74	-19.58	107	104	V
9.66997	34.17	PK2	37.1	-23.6	0	47.67	-	-	74	-26.33	0	100	H
9.66945	34.66	PK2	37.1	-23.6	0	48.16	-	-	74	-25.84	0	100	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



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

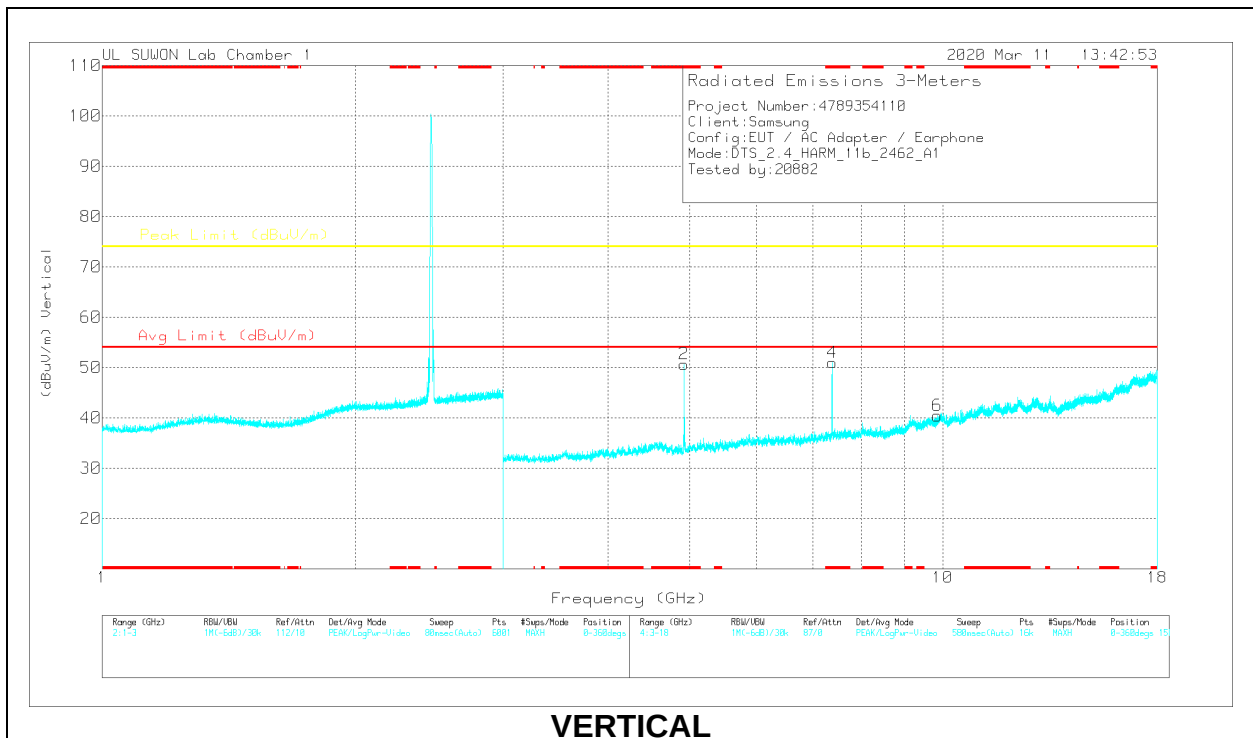
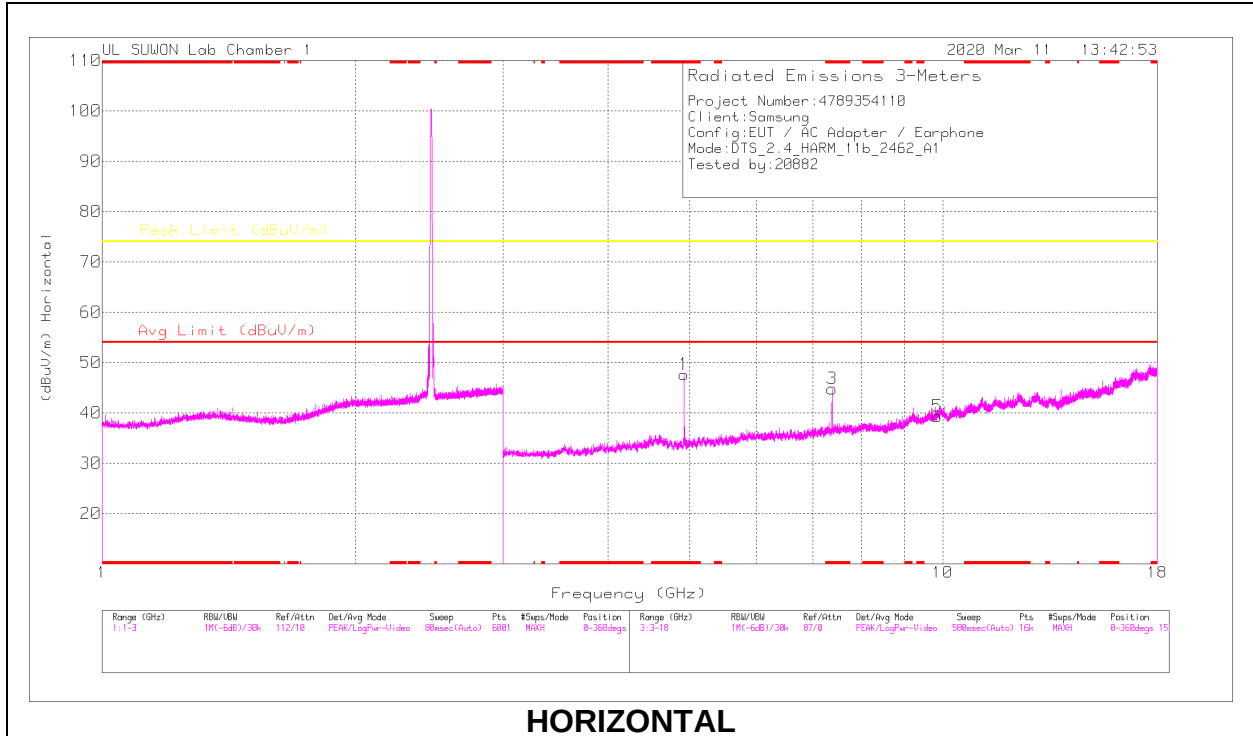
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87402	48.78	PK2	34.2	-31.6	0	51.38	-	-	74	-22.62	201	100	H
* 4.87402	45.58	MAv1	34.2	-31.6	0	48.18	54	-5.82	-	-	201	100	H
* 4.87388	49.15	PK2	34.2	-31.6	0	51.75	-	-	74	-22.25	182	289	V
* 4.87402	45.9	MAv1	34.2	-31.6	0	48.5	54	-5.5	-	-	182	289	V
* 7.30991	42.44	PK2	35.8	-27.5	0	50.74	-	-	74	-23.26	64	100	H
* 7.31015	35.17	MAv1	35.8	-27.5	0	43.47	54	-10.53	-	-	64	100	H
* 7.31017	45.24	PK2	35.8	-27.5	0	53.54	-	-	74	-20.46	108	103	V
* 7.31181	39.81	MAv1	35.8	-27.5	0	48.11	54	-5.89	-	-	108	103	V
9.74964	35.1	PK2	37.2	-23.8	0	48.5	-	-	74	-25.5	0	100	H
9.74814	35.05	PK2	37.2	-23.8	0	48.45	-	-	74	-25.55	0	100	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



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.92403	49.73	PK2	34.2	-31.6	0	52.33	-	-	74	-21.67	206	101	H
* 4.92401	46.95	MAv1	34.2	-31.6	0	49.55	54	-4.45	-	-	206	101	H
* 4.92397	47.82	PK2	34.2	-31.6	0	50.42	-	-	74	-23.58	163	101	V
* 4.92405	43.93	MAv1	34.2	-31.6	0	46.53	54	-7.47	-	-	163	101	V
* 7.38713	42.06	PK2	35.8	-26.9	0	50.96	-	-	74	-23.04	58	100	H
* 7.38513	35.34	MAv1	35.8	-26.9	0	44.24	54	-9.76	-	-	58	100	H
* 7.38463	44.87	PK2	35.8	-26.9	0	53.77	-	-	74	-20.23	107	101	V
* 7.38521	39.92	MAv1	35.8	-26.9	0	48.82	54	-5.18	-	-	107	101	V
9.84969	34.57	PK2	37.4	-23.1	0	48.87	-	-	74	-25.13	0	100	H
9.84683	34.76	PK2	37.4	-23.1	0	49.06	-	-	74	-24.94	0	100	V

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

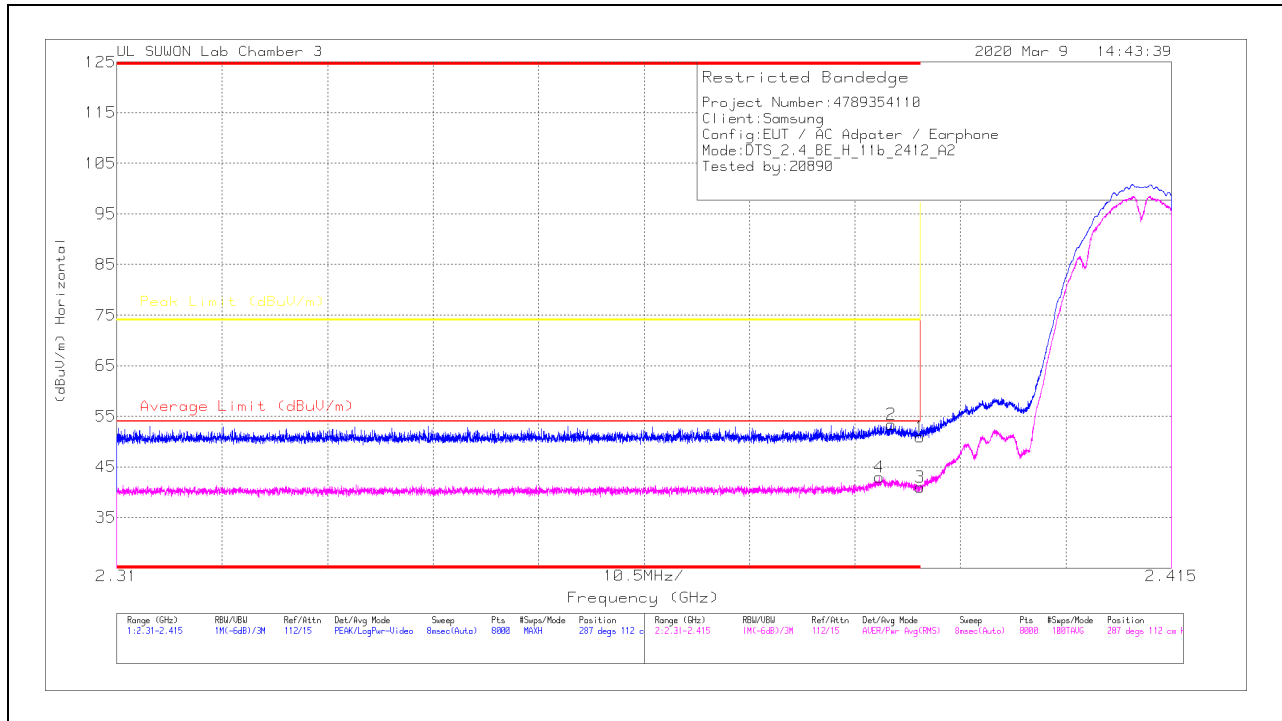
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

1TX Antenna 2 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



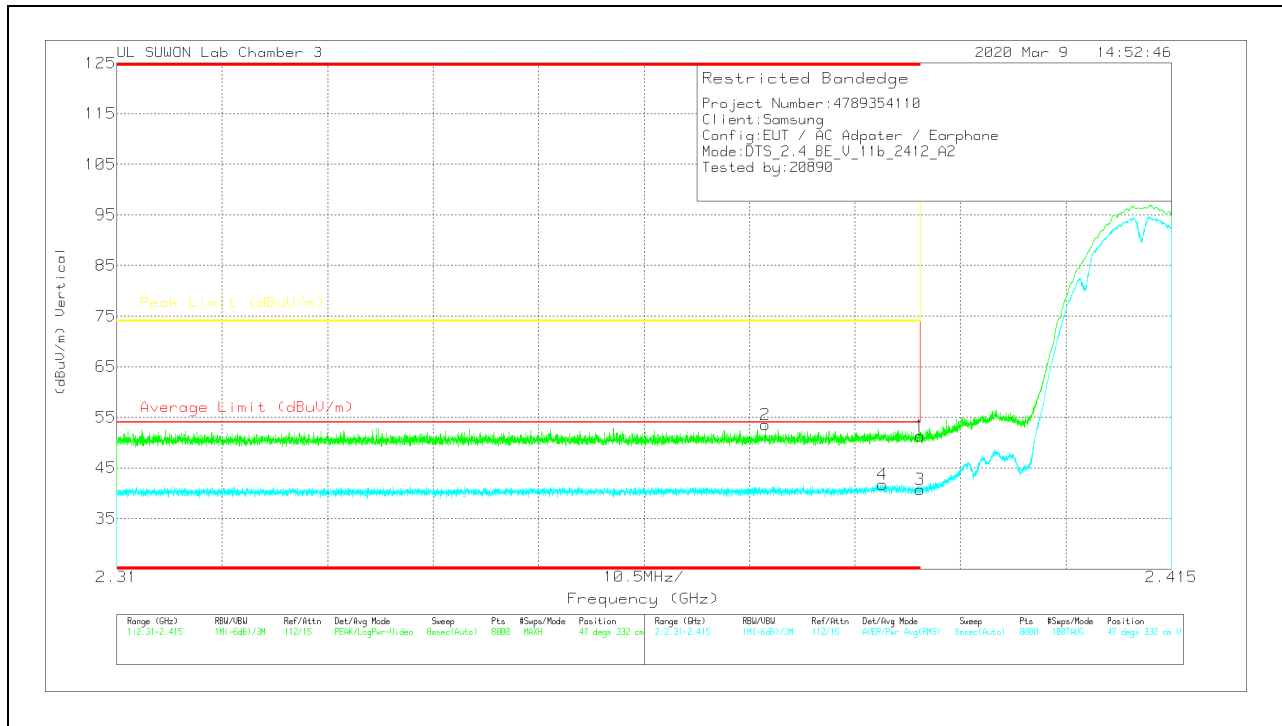
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.06	PK	31.7	-22.9	0	50.86	-	-	74	-23.14	287	112	H
2	* 2.38711	44.64	PK	31.7	-22.9	0	53.44	-	-	74	-20.56	287	112	H
3	* 2.39	32.15	RMS	31.7	-22.9	0	40.95	54	-13.06	-	-	287	112	H
4	* 2.38594	34.16	RMS	31.7	-22.9	0	42.96	54	-11.04	-	-	287	112	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	3117_00205959	10dB_ATT[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	42.53	PK	31.7	-22.9	0	51.33	-	-	74	-22.67	47	332	V
2	* 2.37455	44.82	PK	31.6	-22.9	0	53.52	-	-	74	-20.48	47	332	V
3	* 2.39	31.92	RMS	31.7	-22.9	0	40.72	54	-13.28	-	-	47	332	V
4	* 2.38625	32.96	RMS	31.7	-22.9	0	41.76	54	-12.24	-	-	47	332	V

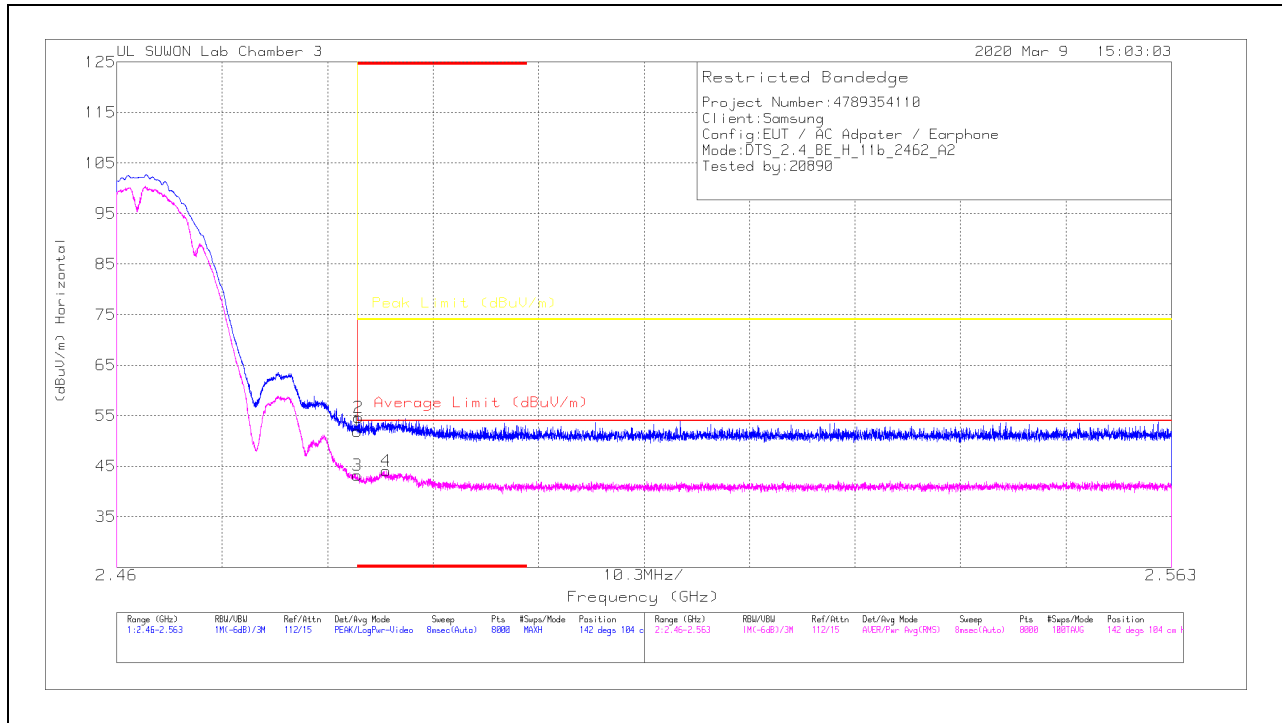
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



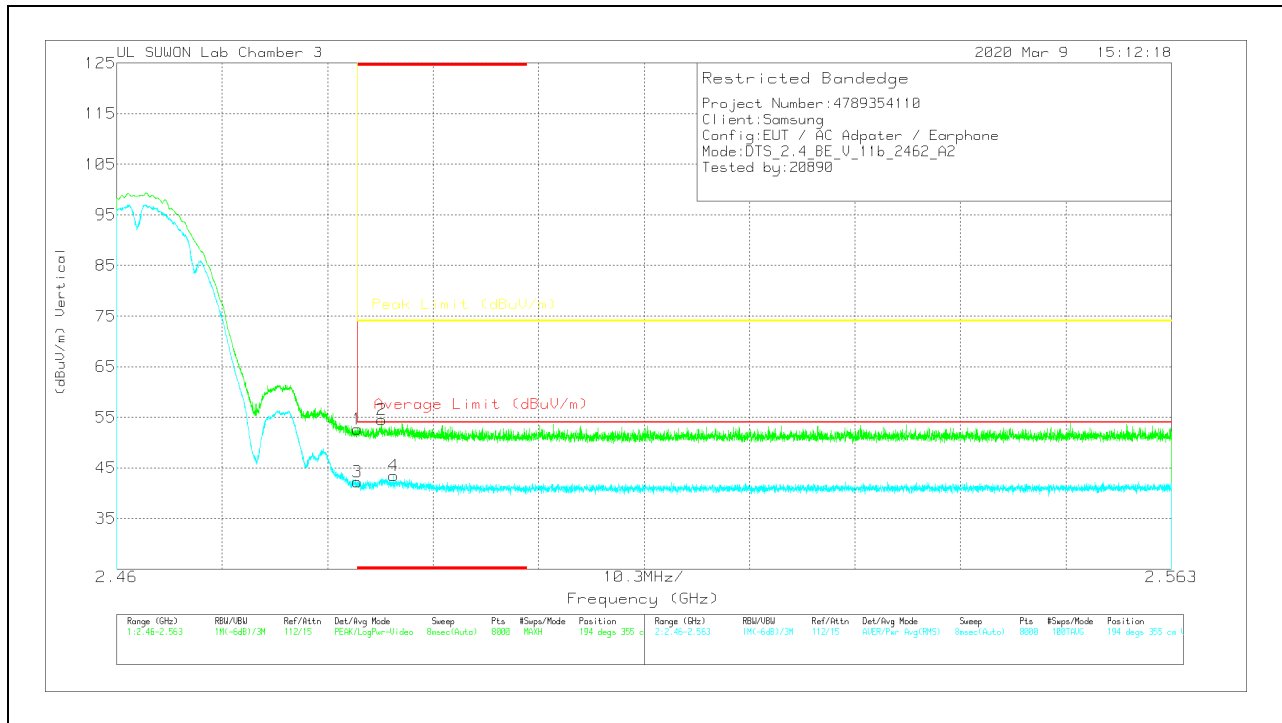
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.4835	42.85	Pk	31.9	-22.8	0	51.95	-	-	74	-22.05	142	104	H
2	* 2.48362	45.58	Pk	31.9	-22.8	0	54.08	-	-	74	-19.32	142	104	H
3	* 2.4835	34.11	RMS	31.9	-22.8	0	43.21	54	-10.79	-	-	142	104	H
4	* 2.48632	34.96	RMS	31.9	-22.8	0	44.06	54	-9.94	-	-	142	104	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	3117_00205959	10dB_ATT[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	43.57	PK	-31.9	-22.8	0	52.67	-	-	74	-21.33	194	355	V
2	* 2.48587	45.43	PK	-31.9	-22.8	0	54.53	-	-	74	-19.47	194	355	V
3	* 2.48587	33.09	RMS	-31.9	-22.8	0	42.19	54	-11.81	-	-	194	355	V
4	* 2.48703	34.35	RMS	-31.9	-22.8	0	43.45	54	-10.55	-	-	194	355	V

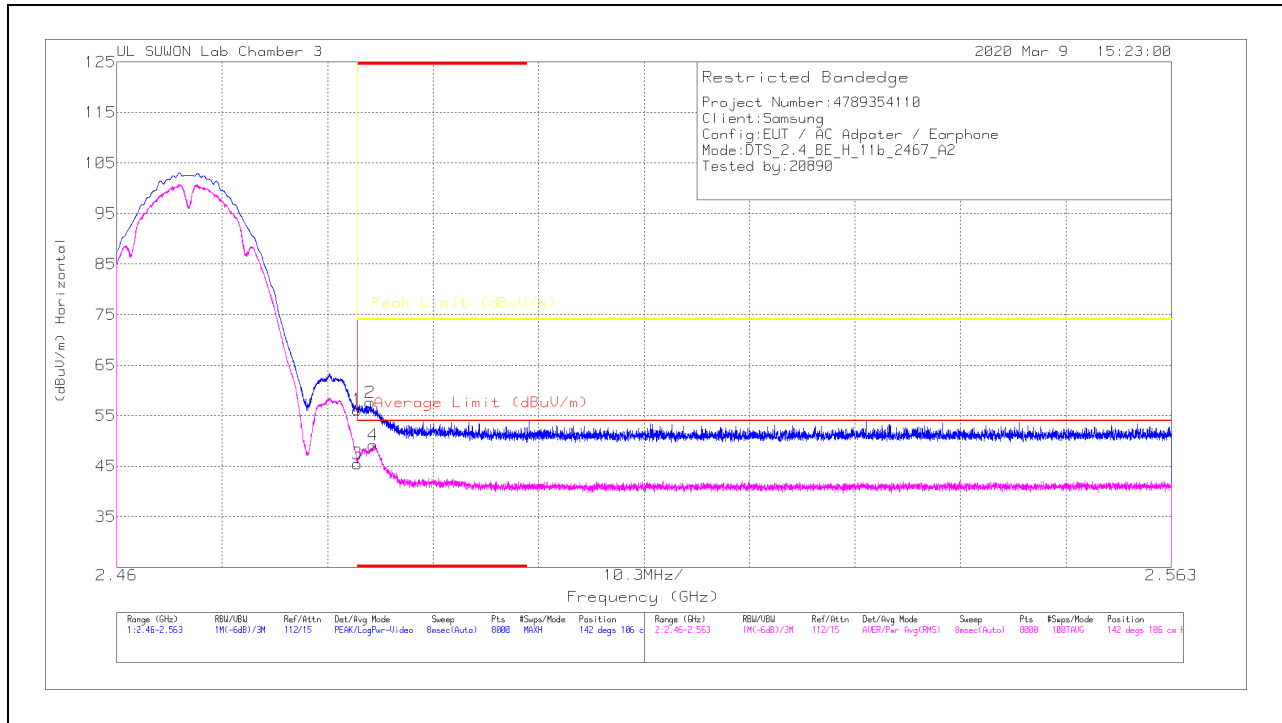
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



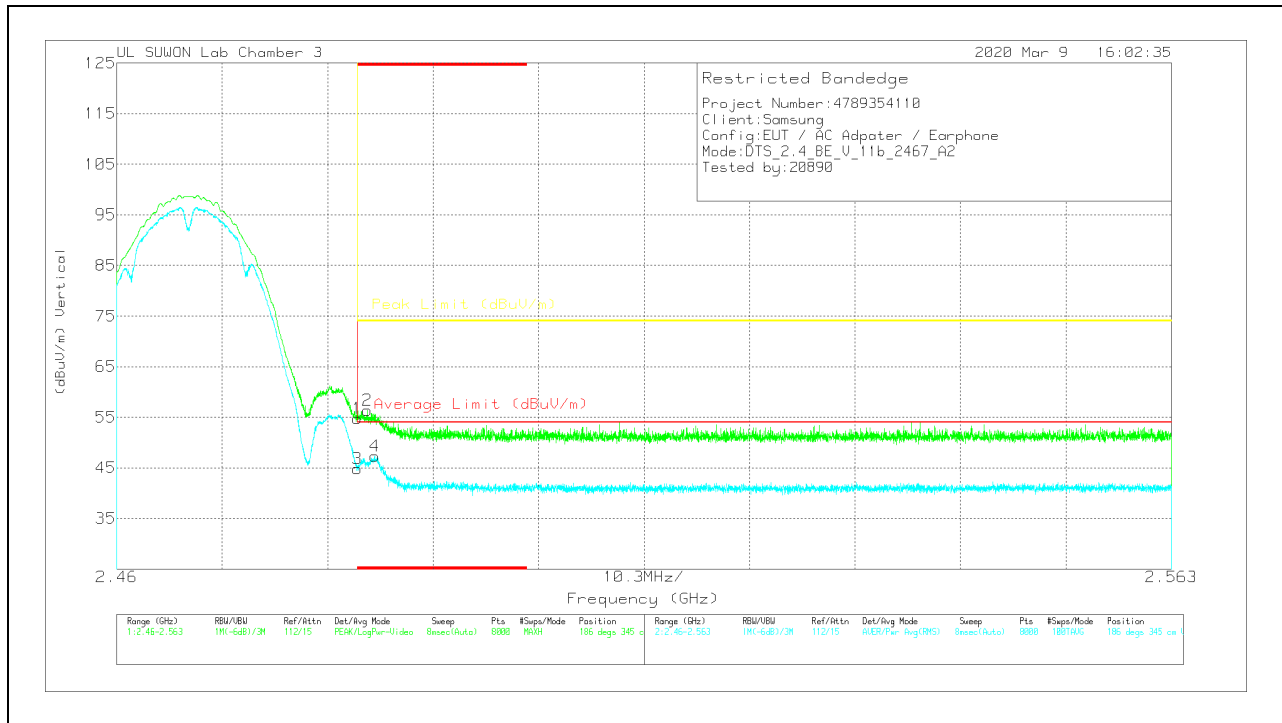
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.4835	47.09	Pk	31.9	-22.8	0	56.19	-	-	74	-17.81	142	106	H
2	* 2.48475	48.52	Pk	31.9	-22.8	0	57.62	-	-	74	-16.38	142	106	H
3	* 2.4835	36.41	RMS	31.9	-22.8	0	45.51	54	-8.49	-	-	142	106	H
4	* 2.48503	40.05	RMS	31.9	-22.8	0	49.15	54	-4.85	-	-	142	106	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	3117_00205959	10dB_ATT[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	45.66	PK	31.9	-22.8	0	54.76	-	-	74	-19.24	186	345	V
2	* 2.48447	47.25	PK	31.9	-22.8	0	56.35	-	-	74	-17.65	186	345	V
3	* 2.4835	35.76	RMS	31.9	-22.8	0	44.86	54	-9.14	-	-	186	345	V
4	* 2.48519	38.2	RMS	31.9	-22.8	0	47.3	54	-6.7	-	-	186	345	V

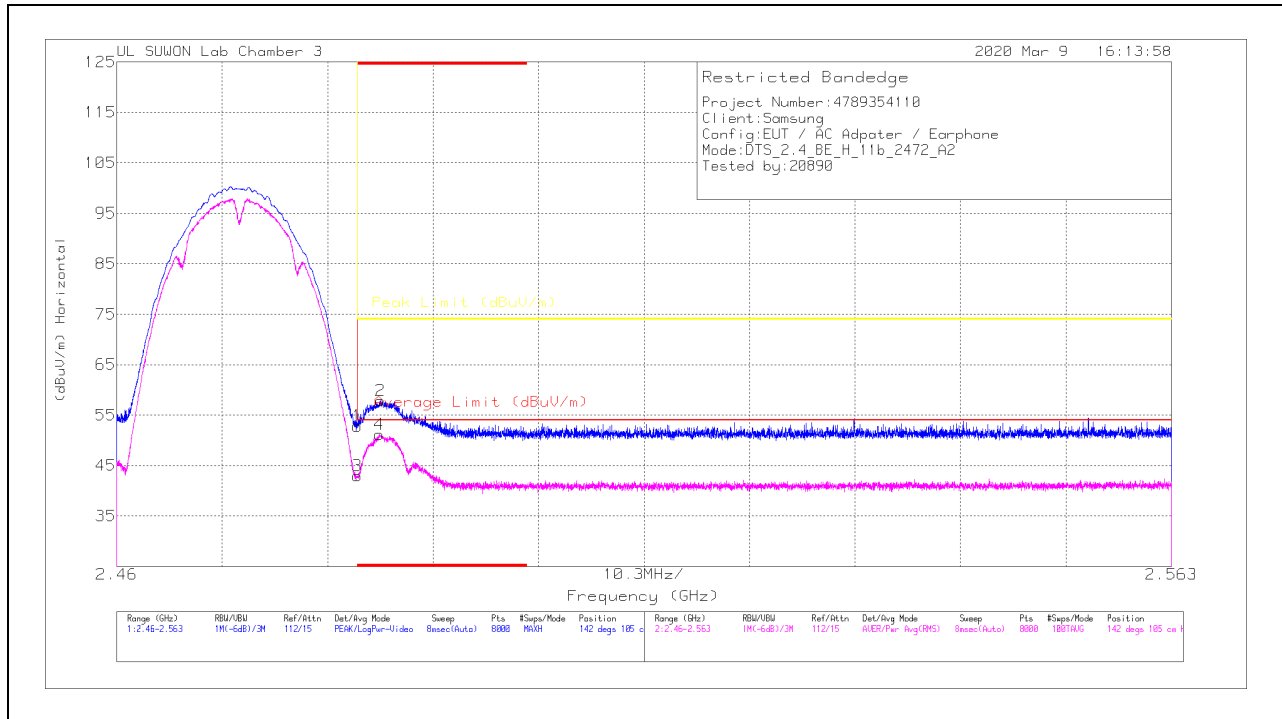
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



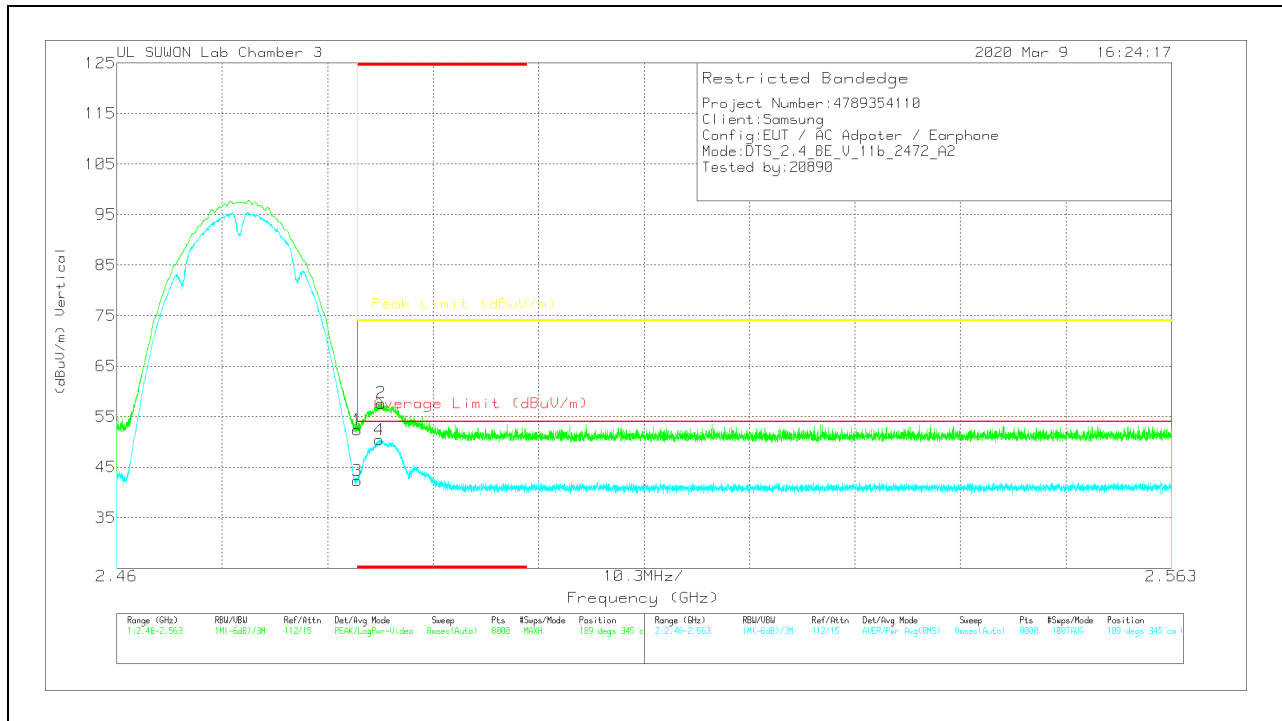
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (ftm)	Polarity
1	* 2.4835	43.74	PK	31.9	-22.8	0	52.84	-	-	74	-21.16	142	105	H
2	* 2.48575	48.79	PK	31.9	-22.8	0	57.99	-	-	74	-16.11	142	105	H
3	* 2.4835	33.83	RMS	31.9	-22.8	0	42.93	54	-11.07	-	-	142	105	H
4	* 2.48563	42.11	RMS	31.9	-22.8	0	51.21	54	-2.79	-	-	142	105	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	3117_00205959	10dB_ATT[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	43.26	Pk	31.9	-22.8	0	52.36	-	-	74	-21.64	189	345	V
2	* 2.48582	48.58	Pk	31.9	-22.8	0	57.68	-	-	74	-16.32	189	345	V
3	* 2.4835	33.26	RMS	31.9	-22.8	0	42.36	54	-11.64	-	-	189	345	V
4	* 2.48566	41.31	RMS	31.9	-22.8	0	50.41	54	-3.59	-	-	189	345	V

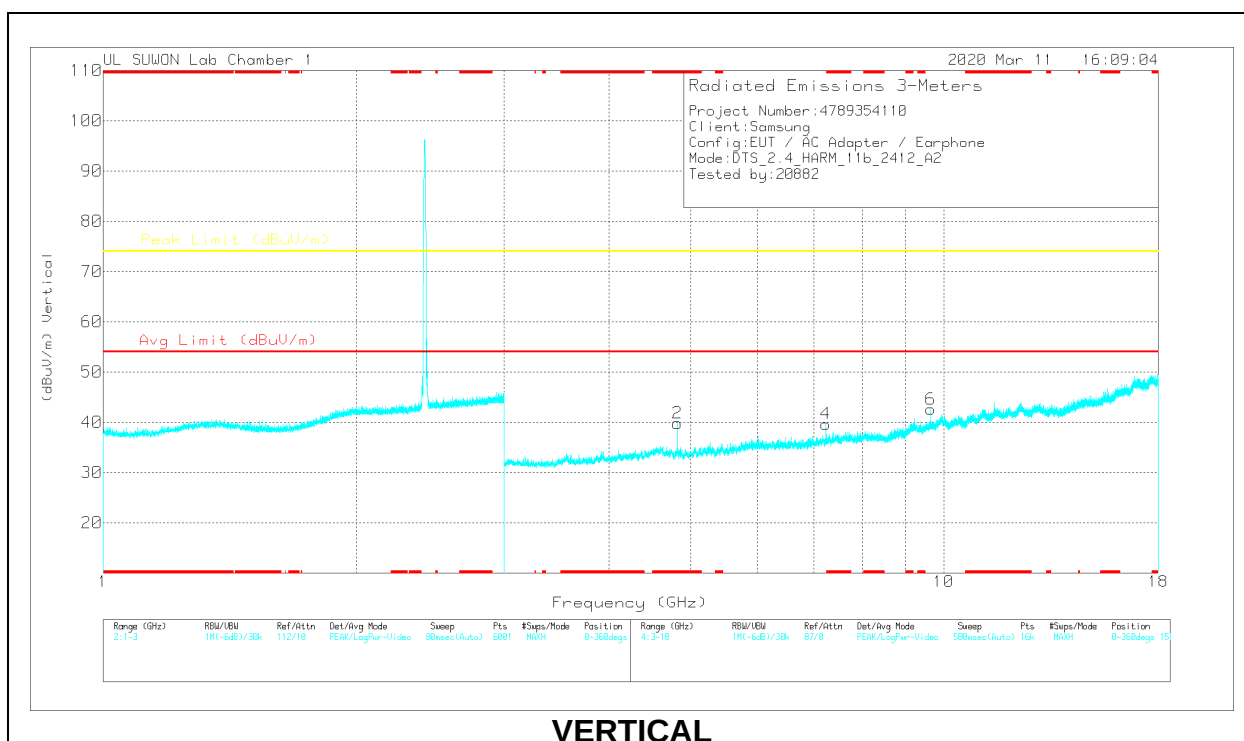
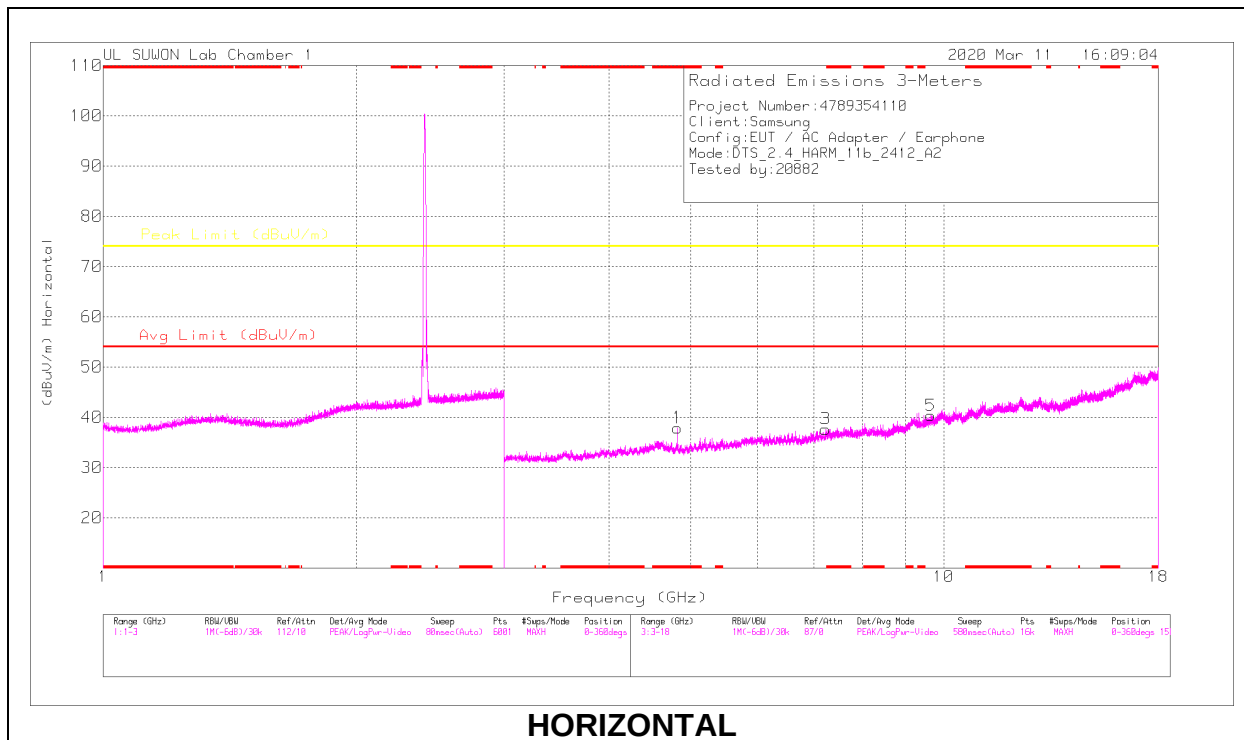
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

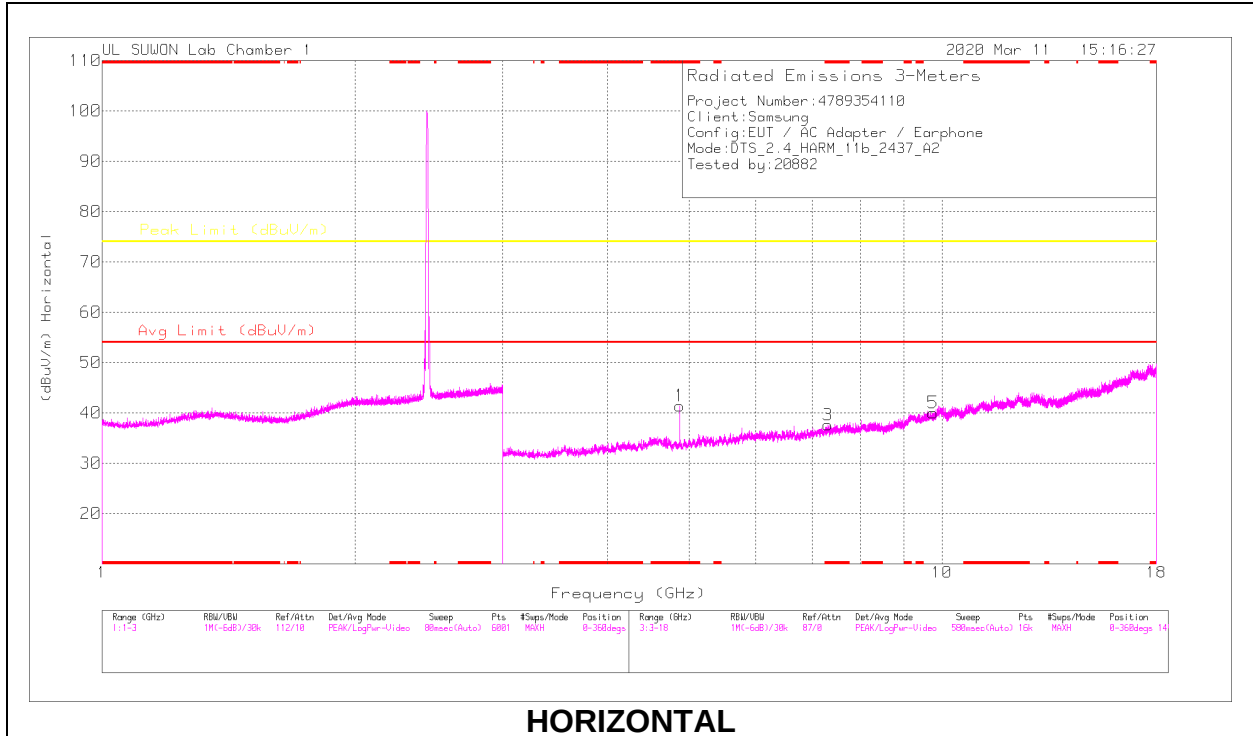
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.82406	43.65	PK2	34.2	-31.6	0	46.25	-	-	74	-27.75	320	100	H
* 4.824	36.49	MAv1	34.2	-31.6	0	39.09	54	-14.91	-	-	320	100	H
* 4.82404	43.82	PK2	34.2	-31.6	0	46.42	-	-	74	-27.58	36	134	V
* 4.82404	36.6	MAv1	34.2	-31.6	0	39.2	54	-14.8	-	-	36	134	V
7.23643	39.27	PK2	35.8	-27.8	0	47.27	-	-	74	-26.73	176	350	H
7.23573	39.72	PK2	35.8	-27.8	0	47.72	-	-	74	-26.28	199	101	V
9.64809	35.34	PK2	37.1	-23.5	0	48.94	-	-	74	-25.06	153	393	H
9.64809	36.64	PK2	37.1	-23.5	0	50.24	-	-	74	-23.76	23	101	V

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

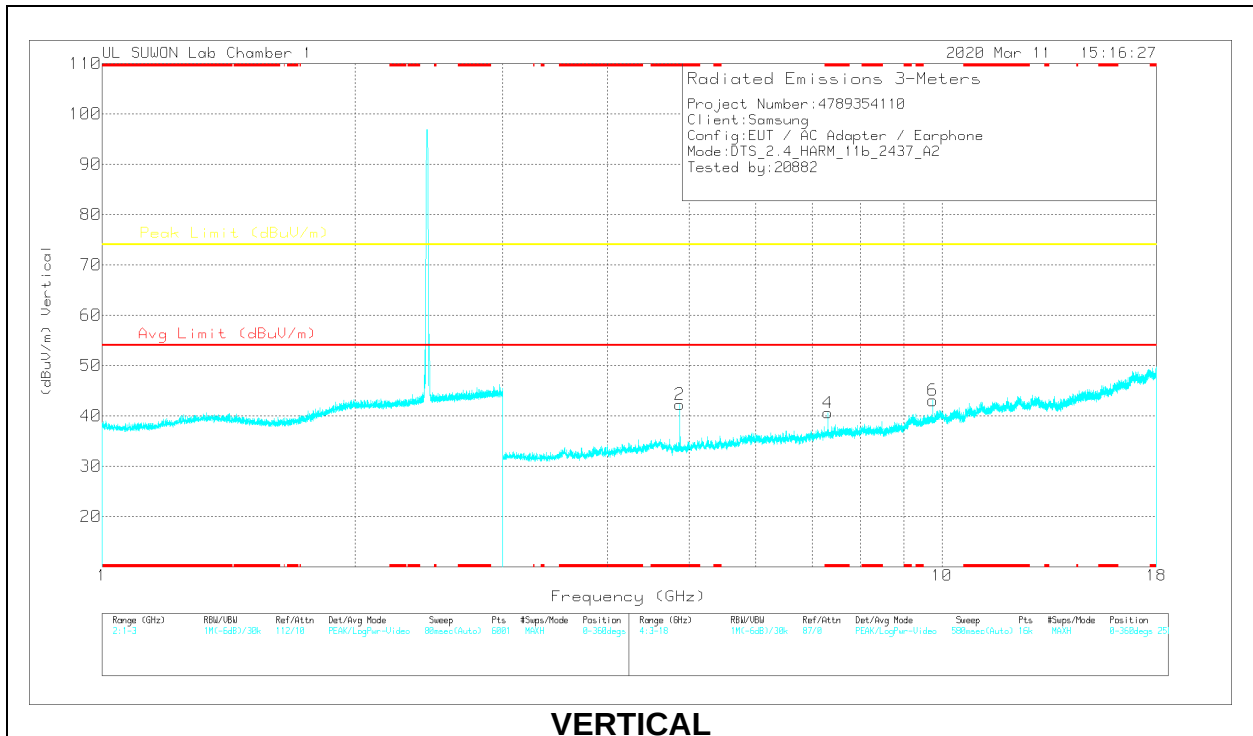
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

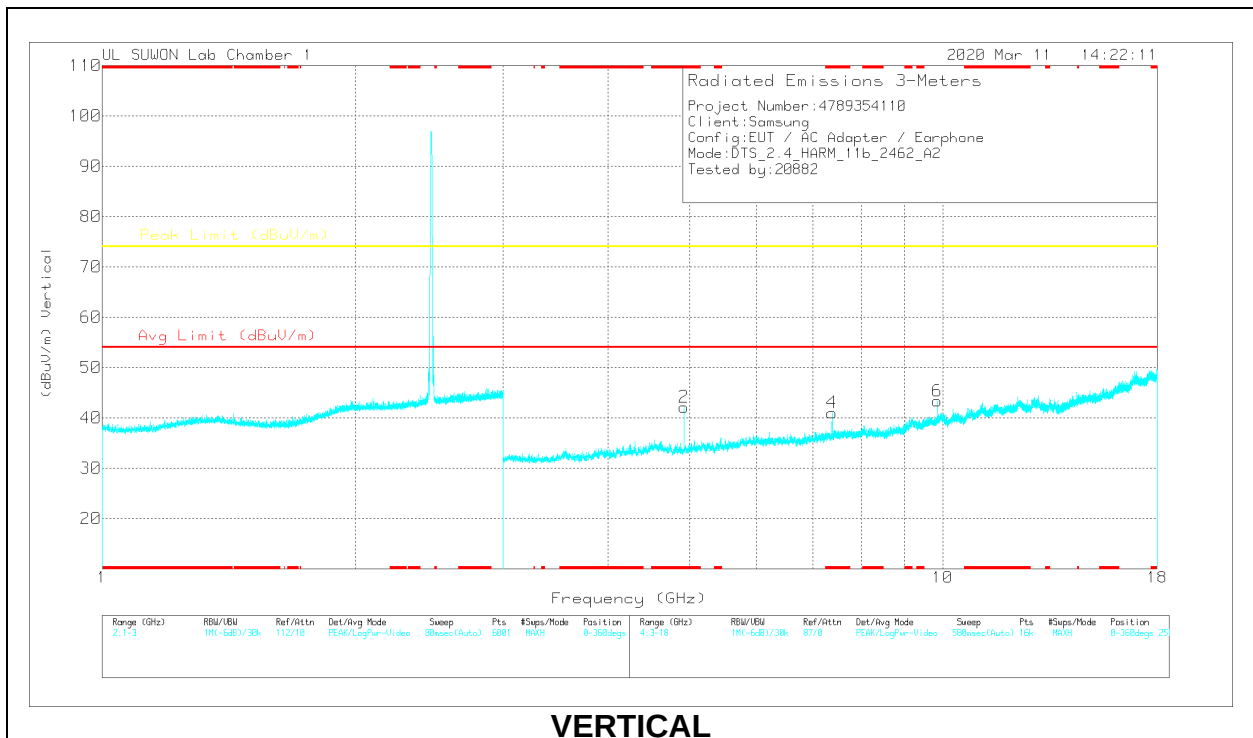
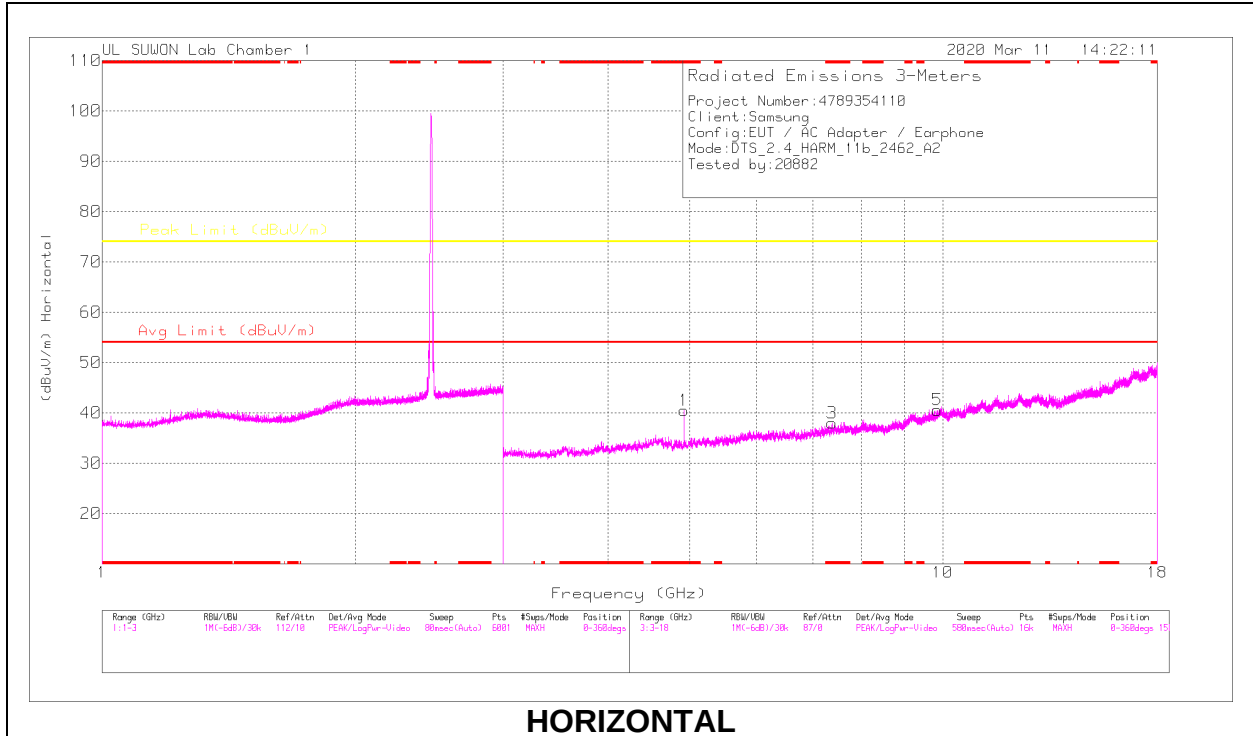
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87404	44.55	PK2	34.2	-31.6	0	47.15	-	-	74	-26.85	331	101	H
* 4.874	39.04	MAv1	34.2	-31.6	0	41.64	54	-12.36	-	-	331	101	H
* 4.87408	43.15	PK2	34.2	-31.6	0	45.75	-	-	74	-28.25	210	111	V
* 4.87398	36.26	MAv1	34.2	-31.6	0	38.86	54	-15.14	-	-	210	111	V
* 7.30978	38.64	PK2	35.8	-27.5	0	46.94	-	-	74	-27.06	6	101	H
* 7.31022	27.46	MAv1	35.8	-27.5	0	35.76	54	-18.24	-	-	6	101	H
* 7.31084	39.19	PK2	35.8	-27.5	0	47.49	-	-	74	-26.51	345	101	V
* 7.31188	29.43	MAv1	35.8	-27.5	0	37.73	54	-16.27	-	-	345	101	V
9.76583	34.95	PK2	37.2	-23.9	0	48.25	-	-	74	-25.75	1	149	H
9.75527	34.98	PK2	37.2	-23.8	0	48.38	-	-	74	-25.62	304	326	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



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.92401	44.04	PK2	34.2	-31.6	0	46.64	-	-	74	-27.36	278	142	H
* 4.92405	38.64	MAv1	34.2	-31.6	0	41.24	54	-12.76	-	-	278	142	H
* 4.92397	45.4	PK2	34.2	-31.6	0	48	-	-	74	-26	267	285	V
* 4.92401	40.37	MAv1	34.2	-31.6	0	42.97	54	-11.03	-	-	267	285	V
* 7.38683	38.98	PK2	35.8	-26.9	0	47.88	-	-	74	-26.12	339	129	H
* 7.38701	28.18	MAv1	35.8	-26.9	0	37.08	54	-16.92	-	-	339	129	H
* 7.38469	39.54	PK2	35.8	-26.9	0	48.44	-	-	74	-25.56	345	103	V
* 7.38511	29.75	MAv1	35.8	-26.9	0	38.65	54	-15.35	-	-	345	103	V
9.84839	34.49	PK2	37.4	-23.1	0	48.79	-	-	74	-25.21	123	302	H
9.84825	35.88	PK2	37.4	-23.1	0	50.18	-	-	74	-23.82	338	105	V

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

PK2 - KDB558074 Method: Maximum Peak

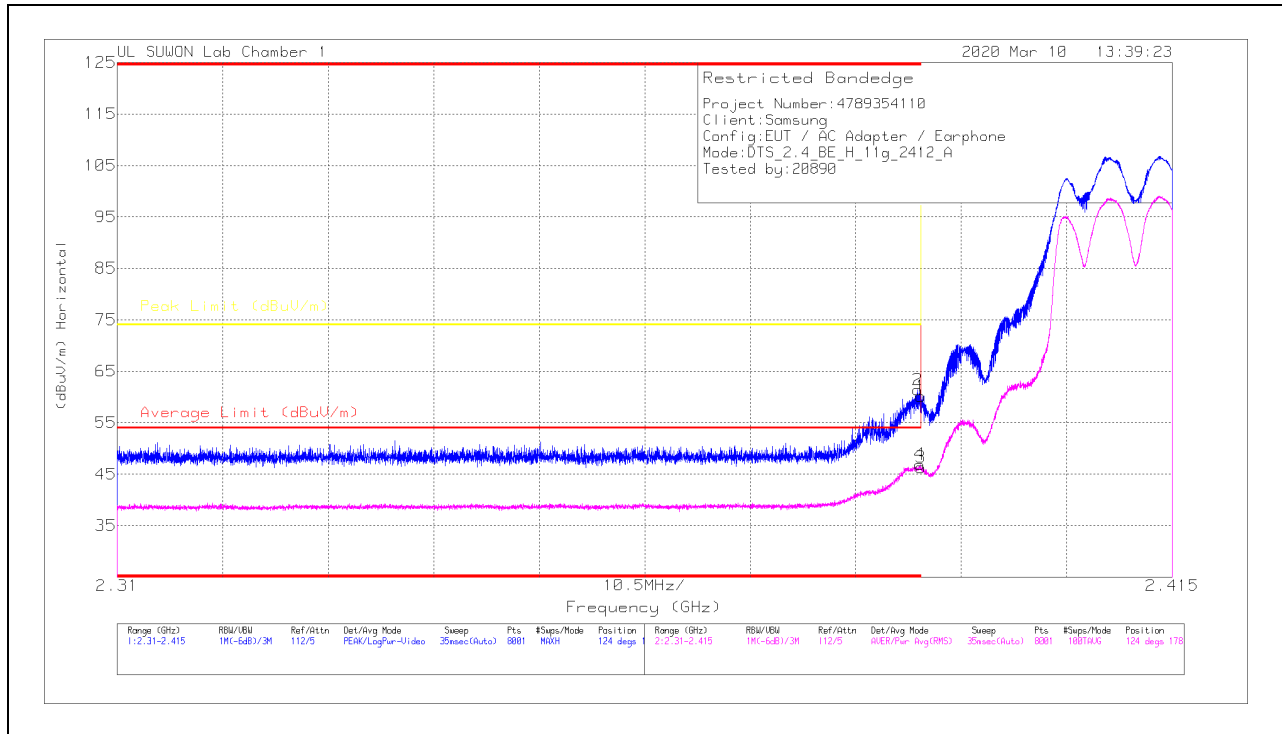
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

2TX Antenna 1 + Antenna 2 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



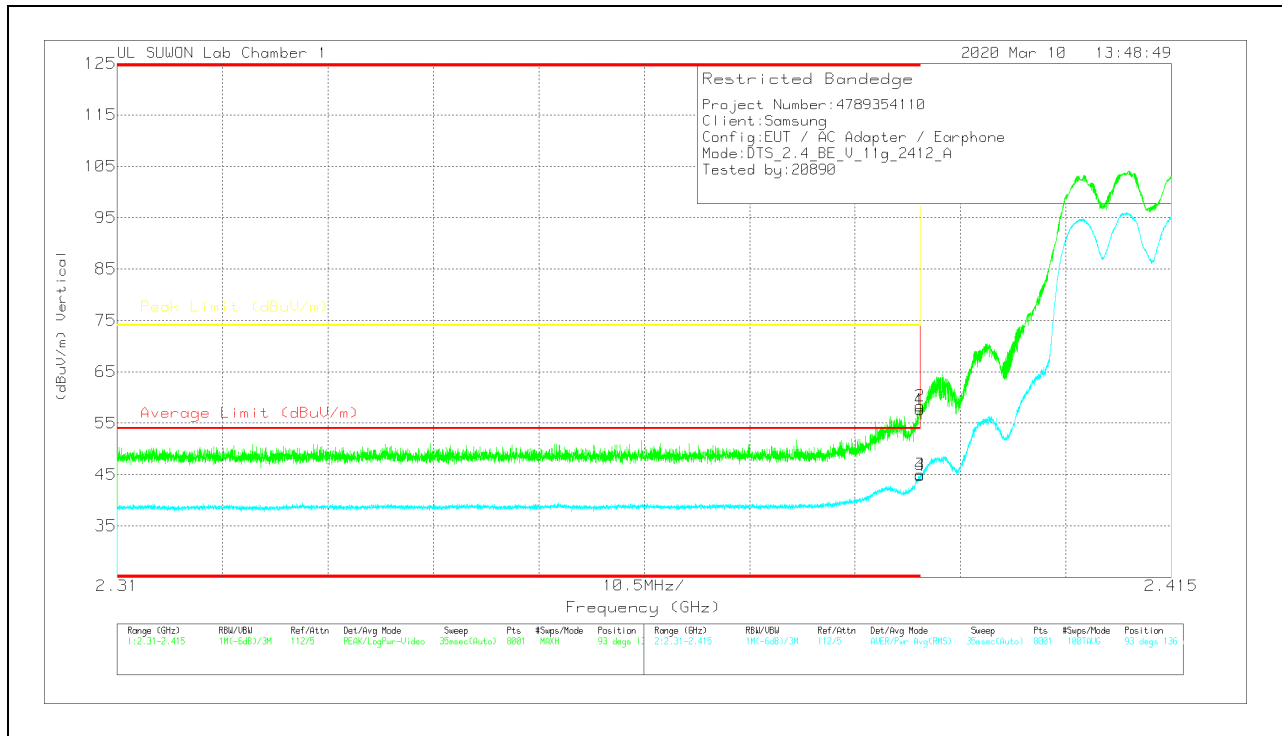
Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_90168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.95	PK	31.7	-25.5	0	60.15	-	-	74	-13.85	124	178	H
2	* 2.38964	55.19	PK	31.7	-25.5	0	61.39	-	-	74	-12.61	124	178	H
3	* 2.39	39.98	RMS	31.7	-25.5	15	46.33	54	-7.67	-	-	124	178	H
4	* 2.38989	40.55	RMS	31.7	-25.5	15	46.9	54	-7.1	-	-	124	178	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	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.42	Pk	31.7	-25.5	0	57.62	-	-	74	-16.38	93	136	V
2	* 2.38997	52.14	Pk	31.7	-25.5	0	58.34	-	-	74	-15.66	93	136	V
3	* 2.39	38.68	RMS	31.7	-25.5	15	45.03	54	-8.97	-	-	93	136	V
4	* 2.38996	38.47	RMS	31.7	-25.5	15	44.82	54	-9.18	-	-	93	136	V

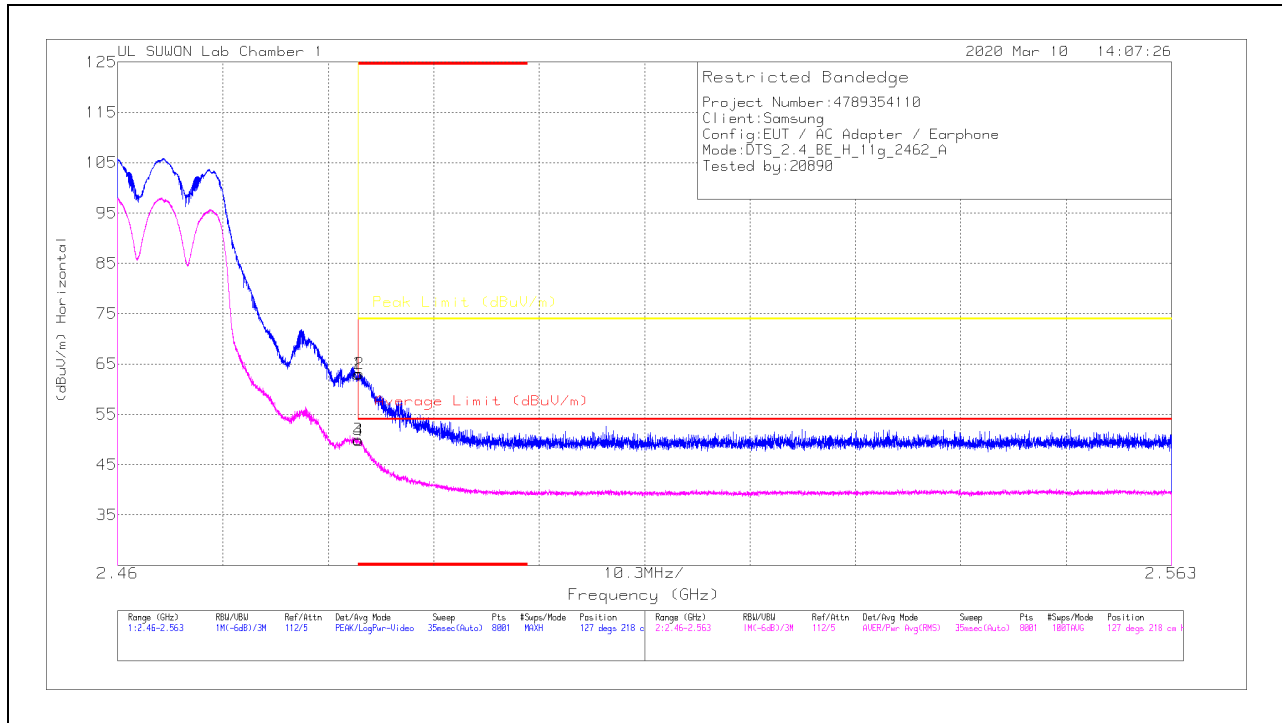
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



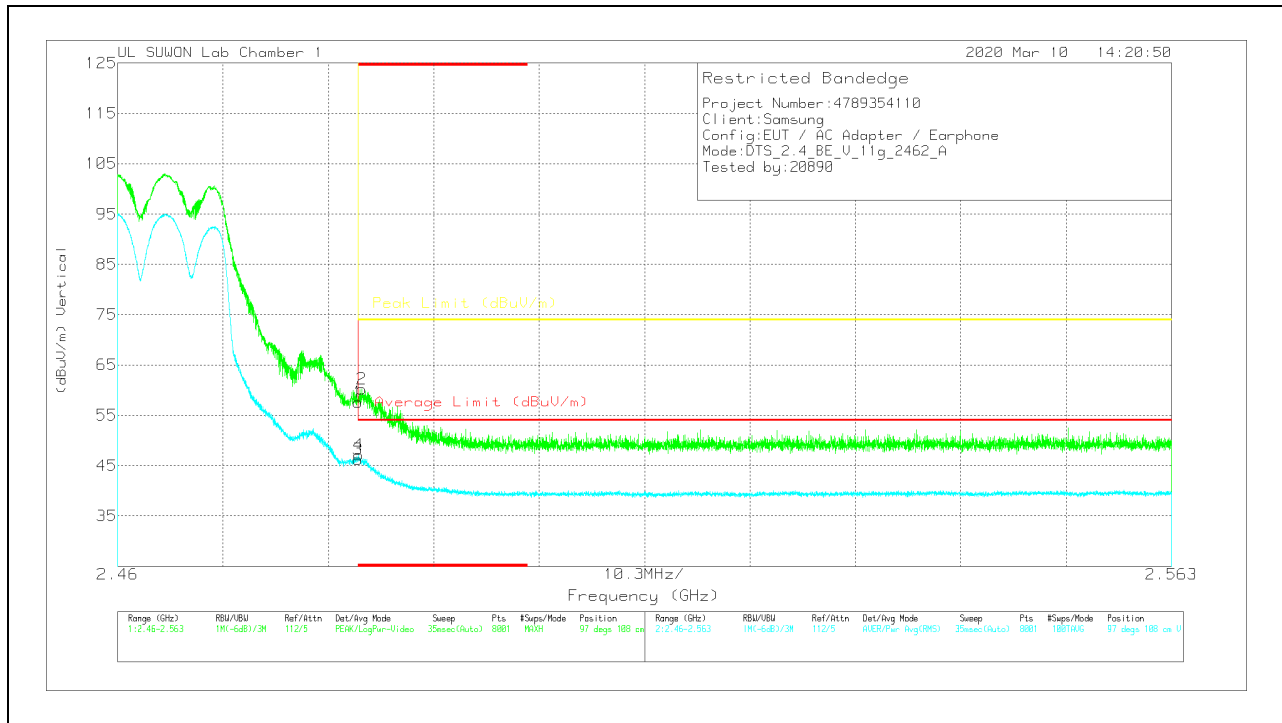
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	56.28	Pk	31.9	-25.2	0	62.98	-	-	74	-11.02	127	218	H
2	* 2.4836	56.37	Pk	31.9	-25.2	0	63.07	-	-	74	-10.93	127	218	H
3	* 2.48351	43.21	RMS	31.9	-25.2	15	50.06	54	-3.94	-	-	127	218	H
4	* 2.48355	42.93	RMS	31.9	-25.2	15	49.78	54	-4.22	-	-	127	218	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	3117_00168717	10dB_ATT[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	* 2.48351	50.93	PK	-31.9	-25.2	0	57.63	-	-	74	-16.37	97	108	V
2	* 2.48387	53.52	PK	-31.9	-25.2	0	60.22	-	-	74	-13.78	97	108	V
3	* 2.48351	39.38	RMS	-31.9	-25.2	15	46.23	54	-7.77	-	-	97	108	V
4	* 2.48355	40.3	RMS	-31.9	-25.2	15	47.15	54	-6.85	-	-	97	108	V

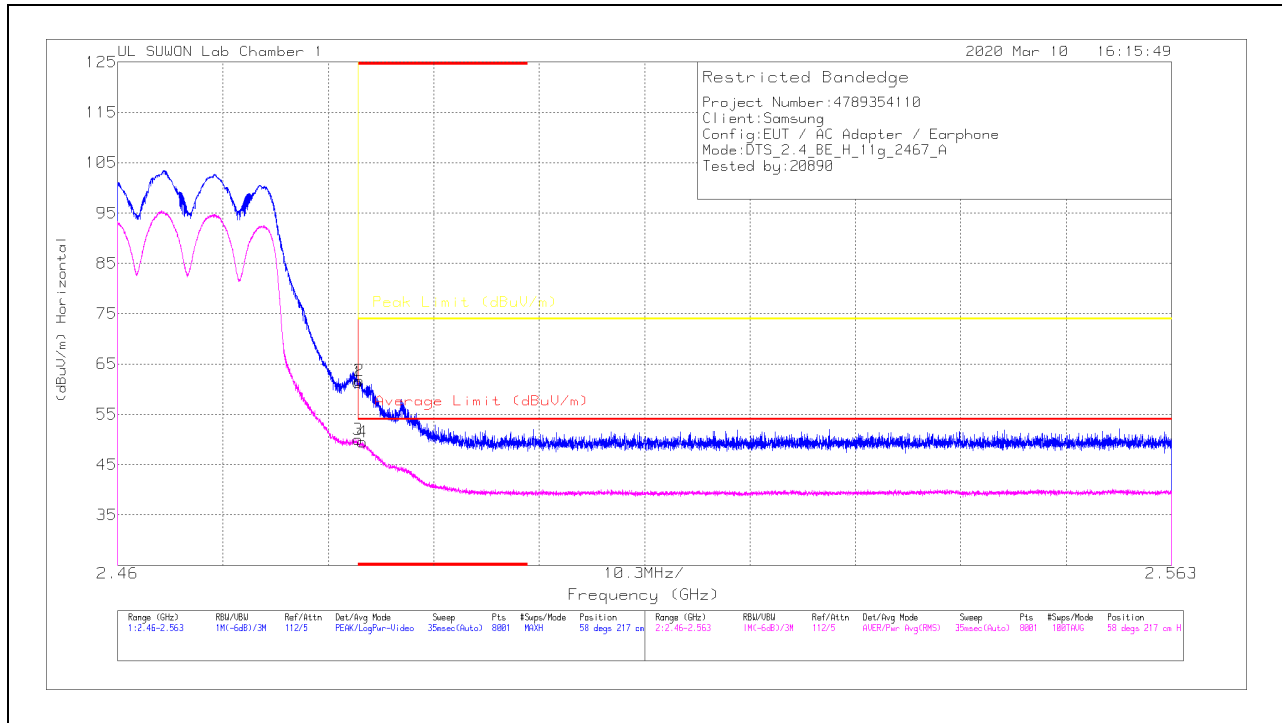
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



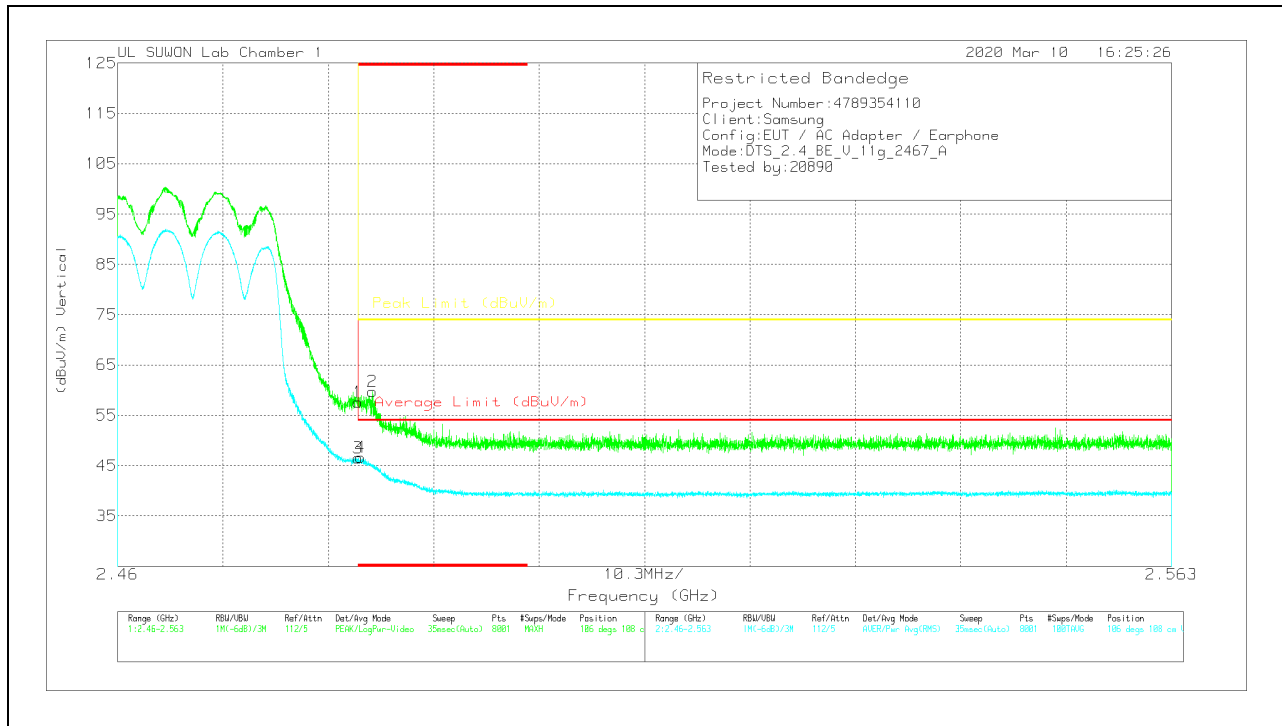
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	54.68	Pk	31.9	-25.2	0	61.38	-	-	74	-12.62	58	217	H
2	* 2.48353	54.98	Pk	31.9	-25.2	0	61.68	-	-	74	-12.32	58	217	H
3	* 2.48351	43.17	RMS	31.9	-25.2	15	50.02	54	-3.98	-	-	58	217	H
4	* 2.4839	42.69	RMS	31.9	-25.2	15	49.54	54	-4.46	-	-	58	217	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	3117_00168717	10dB_ATT[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	* 2.48351	50.88	PK	31.9	-25.2	0	57.58	-	-	74	-16.42	106	108	V
2	* 2.48489	52.98	PK	31.9	-25.2	0	59.68	-	-	74	-14.32	106	108	V
3	* 2.48351	39.61	RMS	31.9	-25.2	15	46.46	54	-7.54	-	-	106	108	V
4	* 2.48375	39.76	RMS	31.9	-25.2	15	46.61	54	-7.39	-	-	106	108	V

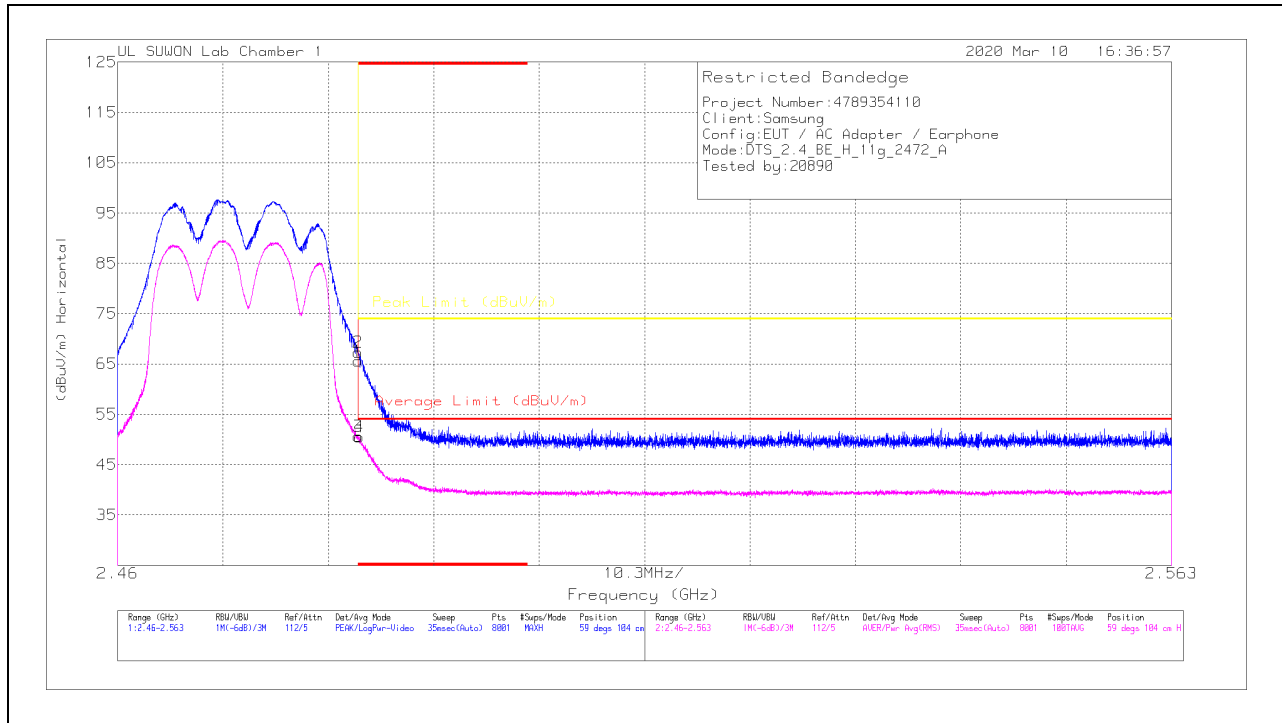
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



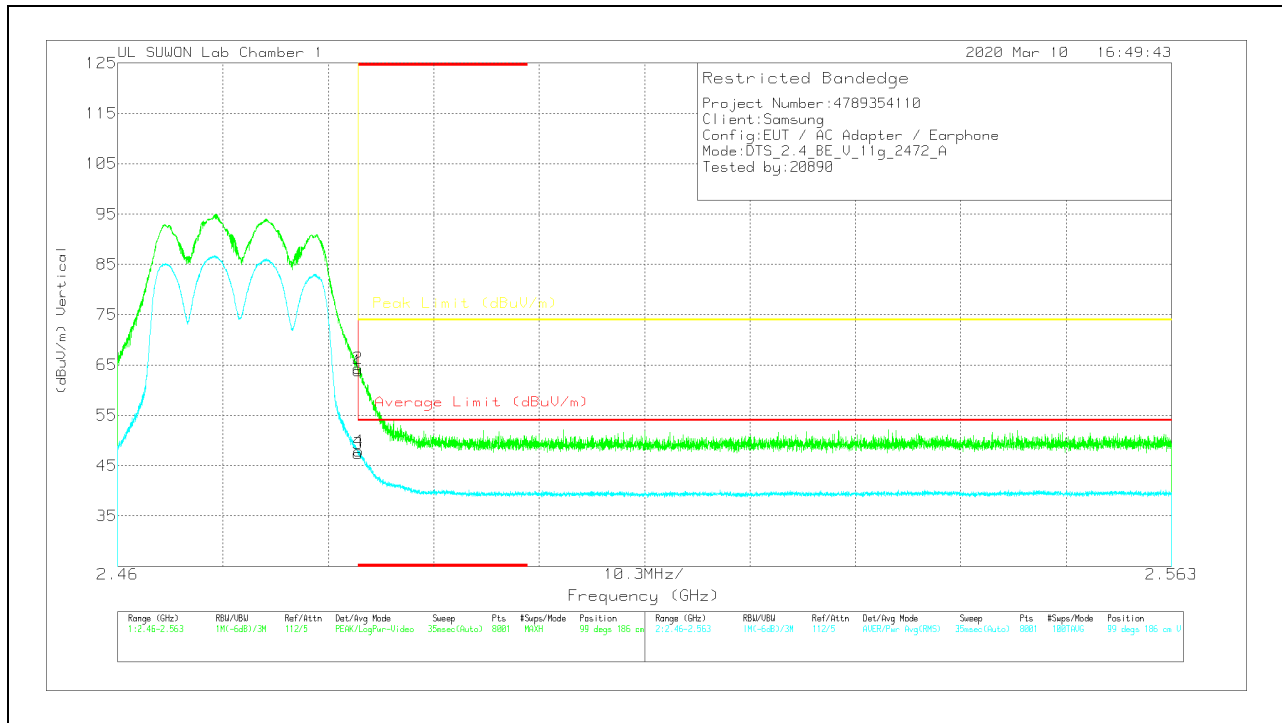
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	58.9	Pk	31.9	-25.2	0	65.6	-	-	74	-8.4	59	104	H
2	* 2.48352	60.67	Pk	31.9	-25.2	0	67.37	-	-	74	-6.63	59	104	H
3	* 2.48351	43.73	RMS	31.9	-25.2	15	50.58	54	-3.42	-	-	59	104	H
4	* 2.48363	43.62	RMS	31.9	-25.2	15	50.47	54	-3.53	-	-	59	104	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	3117_00168717	10dB_ATT[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	* 2.48351	57.14	PK	-31.9	-25.2	0	63.94	-	-	74	-10.16	99	186	V
2	* 2.48352	57.66	PK	-31.9	-25.2	0	64.36	-	-	74	-9.64	99	186	V
3	* 2.48351	40.58	RMS	-31.9	-25.2	15	47.43	54	-6.57	-	-	99	186	V
4	* 2.48354	41.07	RMS	-31.9	-25.2	15	47.92	54	-6.08	-	-	99	186	V

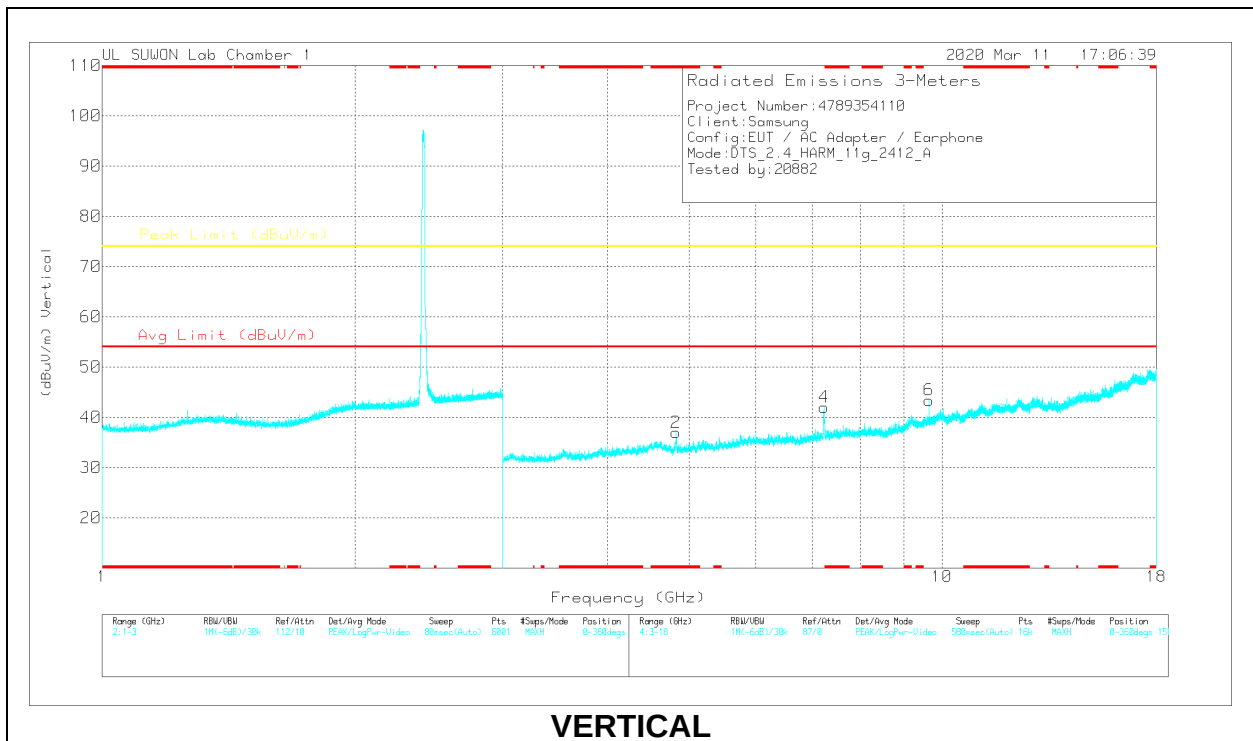
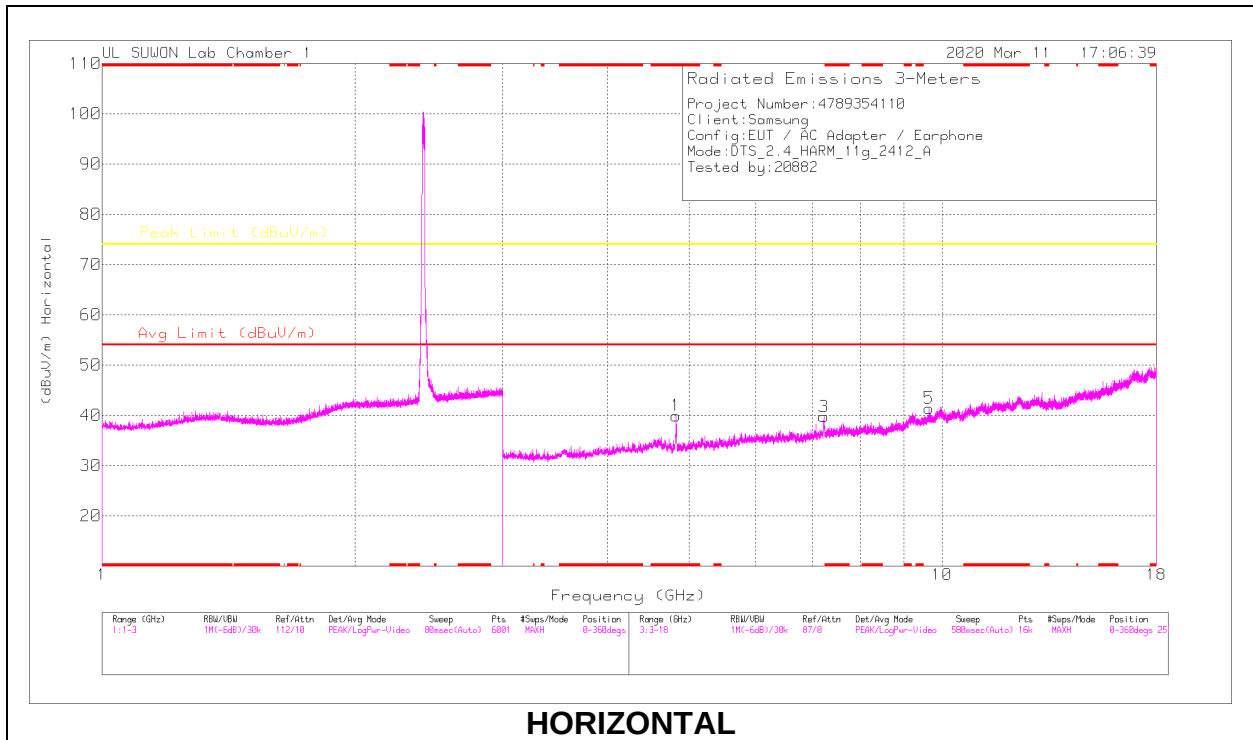
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

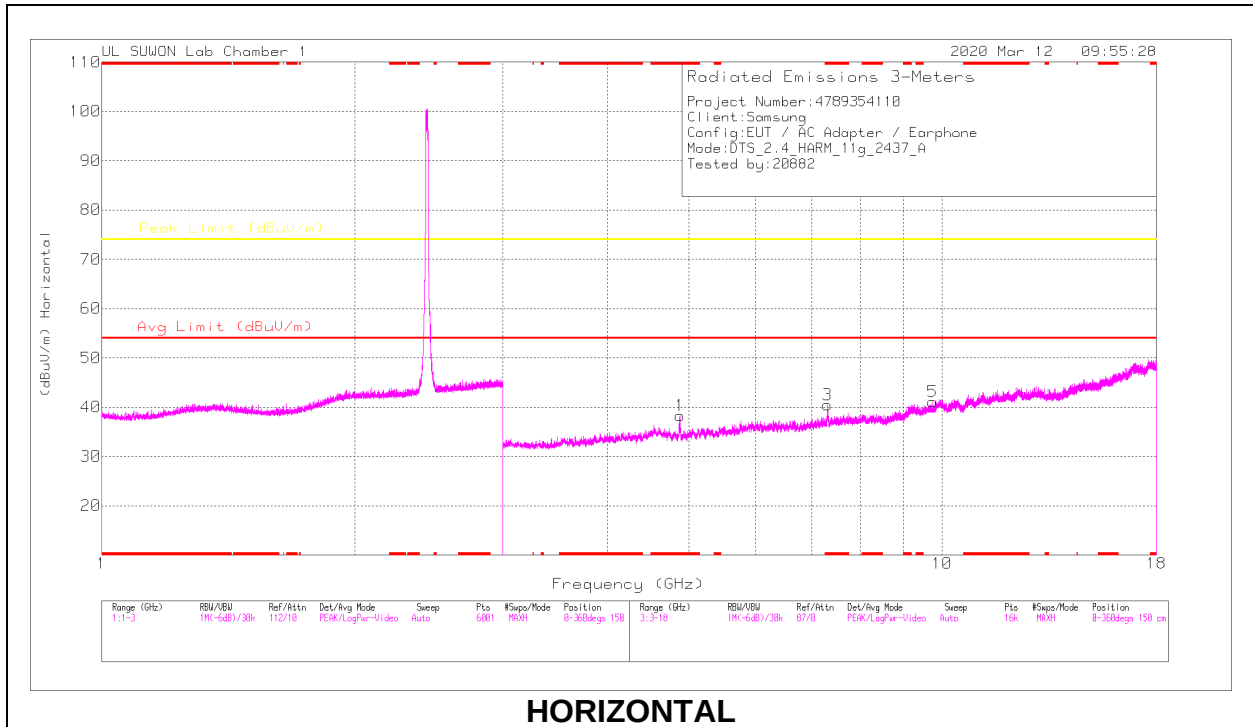
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.82548	47.53	PK2	34.2	-31.6	0	50.13	-	-	74	-23.87	64	193	H
* 4.82414	35.66	MAv1	34.2	-31.5	.15	38.51	54	-15.49	-	-	64	193	H
* 4.8242	43.74	PK2	34.2	-31.5	0	46.44	-	-	74	-27.56	324	100	V
* 4.82404	32.1	MAv1	34.2	-31.6	.15	34.85	54	-19.15	-	-	324	100	V
7.24072	42.89	PK2	35.8	-27.8	0	50.89	-	-	74	-23.11	103	101	H
7.24042	45.51	PK2	35.8	-27.8	0	53.51	-	-	74	-20.49	340	155	V
9.64901	35.19	PK2	37.1	-23.5	0	48.79	-	-	74	-25.21	75	102	H
9.64785	36.73	PK2	37.1	-23.5	0	50.33	-	-	74	-23.67	27	105	V

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

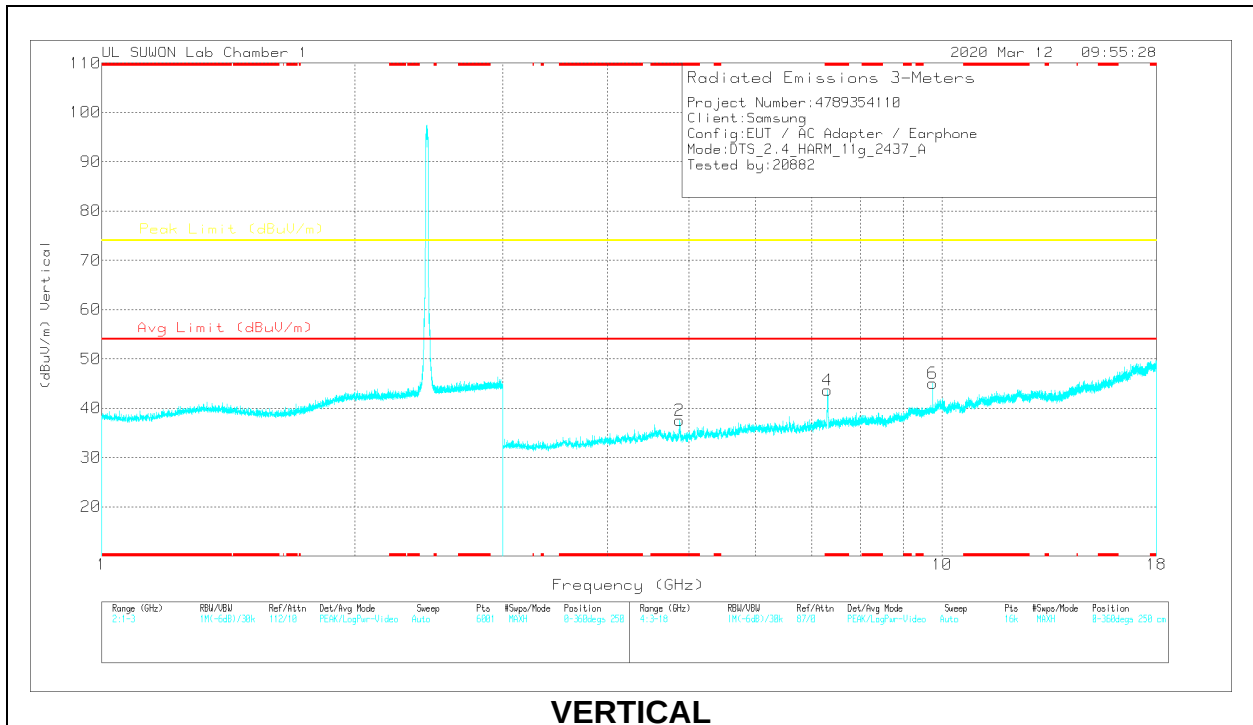
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

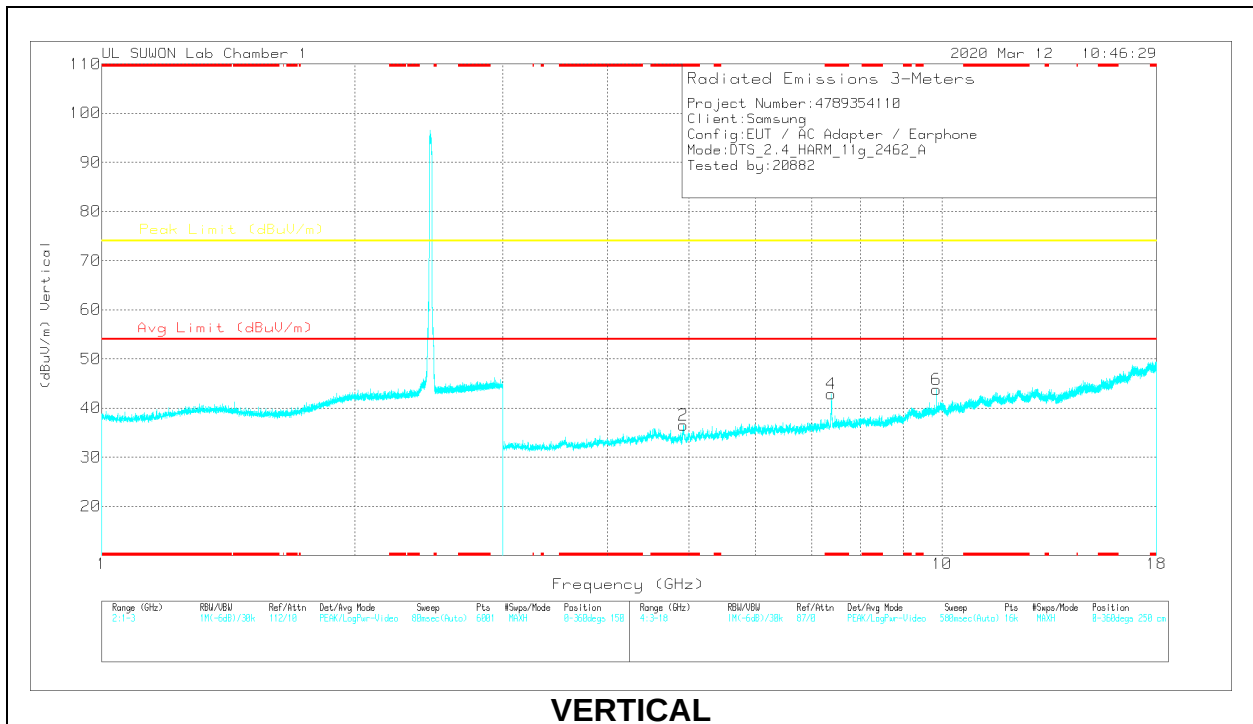
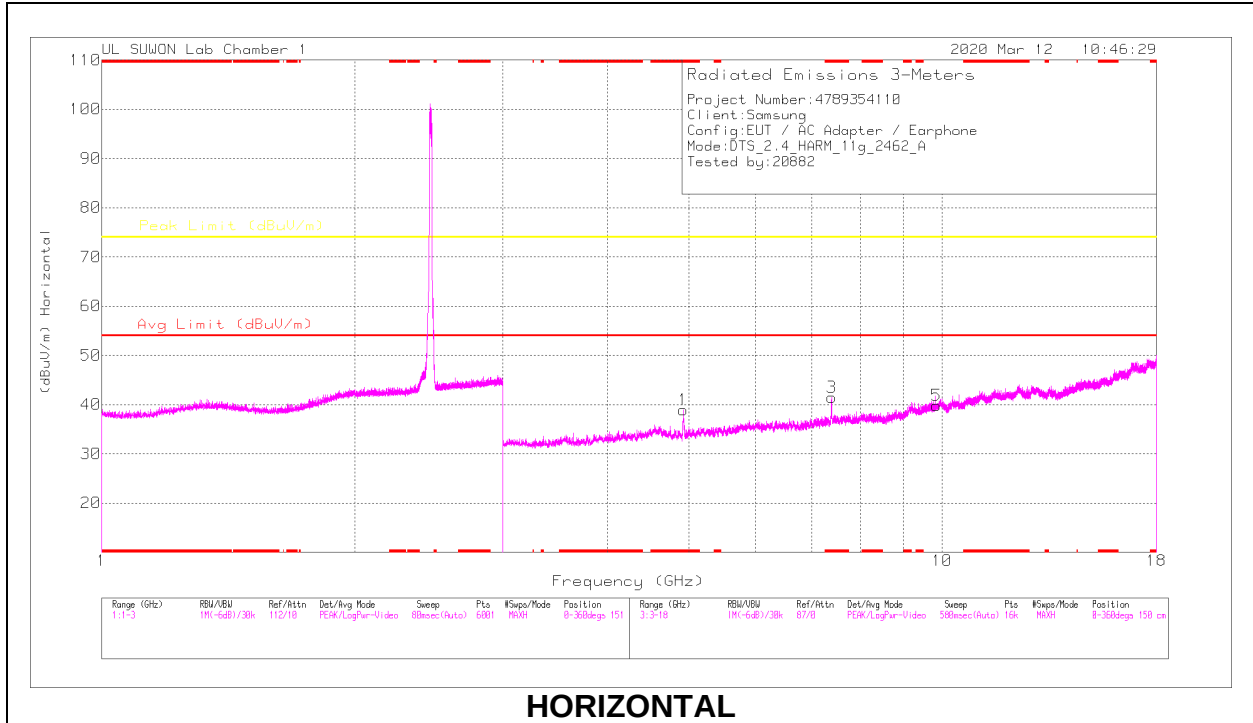
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87538	46.88	PK2	34.2	-31.6	0	49.48	-	-	74	-24.52	62	166	H
* 4.87612	34.14	MAv1	34.2	-31.5	.15	36.99	54	-17.01	-	-	62	166	H
* 4.87102	45.49	PK2	34.2	-31.5	0	48.19	-	-	74	-25.81	325	100	V
* 4.87612	33.42	MAv1	34.2	-31.5	.15	36.27	54	-17.73	-	-	325	100	V
* 7.31601	43	PK2	35.8	-27.4	0	51.4	-	-	74	-22.6	101	100	H
* 7.30725	29.74	MAv1	35.8	-27.6	.15	38.09	54	-15.91	-	-	101	100	H
* 7.31681	46	PK2	35.8	-27.3	0	54.5	-	-	74	-19.5	342	162	V
* 7.31149	32.96	MAv1	35.8	-27.5	.15	41.41	54	-12.59	-	-	342	162	V
9.74829	35.3	PK2	37.2	-23.8	0	48.7	-	-	74	-25.3	169	100	H
9.74798	37.32	PK2	37.2	-23.8	0	50.72	-	-	74	-23.28	17	104	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



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.92543	48.39	PK2	34.2	-31.7	0	50.89	-	-	74	-23.11	68	208	H
* 4.92481	36.26	MAv1	34.2	-31.6	.15	39.01	54	-14.99	-	-	68	208	H
* 4.92659	42.67	PK2	34.2	-31.6	0	45.27	-	-	74	-28.73	0	101	V
* 4.92621	31.16	MAv1	34.2	-31.7	.15	33.81	54	-20.19	-	-	0	101	V
* 7.38048	44.75	PK2	35.8	-27	0	53.55	-	-	74	-20.45	49	227	H
* 7.3848	31.71	MAv1	35.8	-26.9	.15	40.76	54	-13.24	-	-	49	227	H
* 7.3904	45.04	PK2	35.8	-27	0	53.84	-	-	74	-20.16	42	113	V
* 7.38502	32.1	MAv1	35.8	-26.9	.15	41.15	54	-12.85	-	-	42	113	V
9.84571	34.81	PK2	37.4	-23.1	0	49.11	-	-	74	-24.89	256	103	H
9.84809	37.19	PK2	37.4	-23.1	0	51.49	-	-	74	-22.51	32	100	V

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

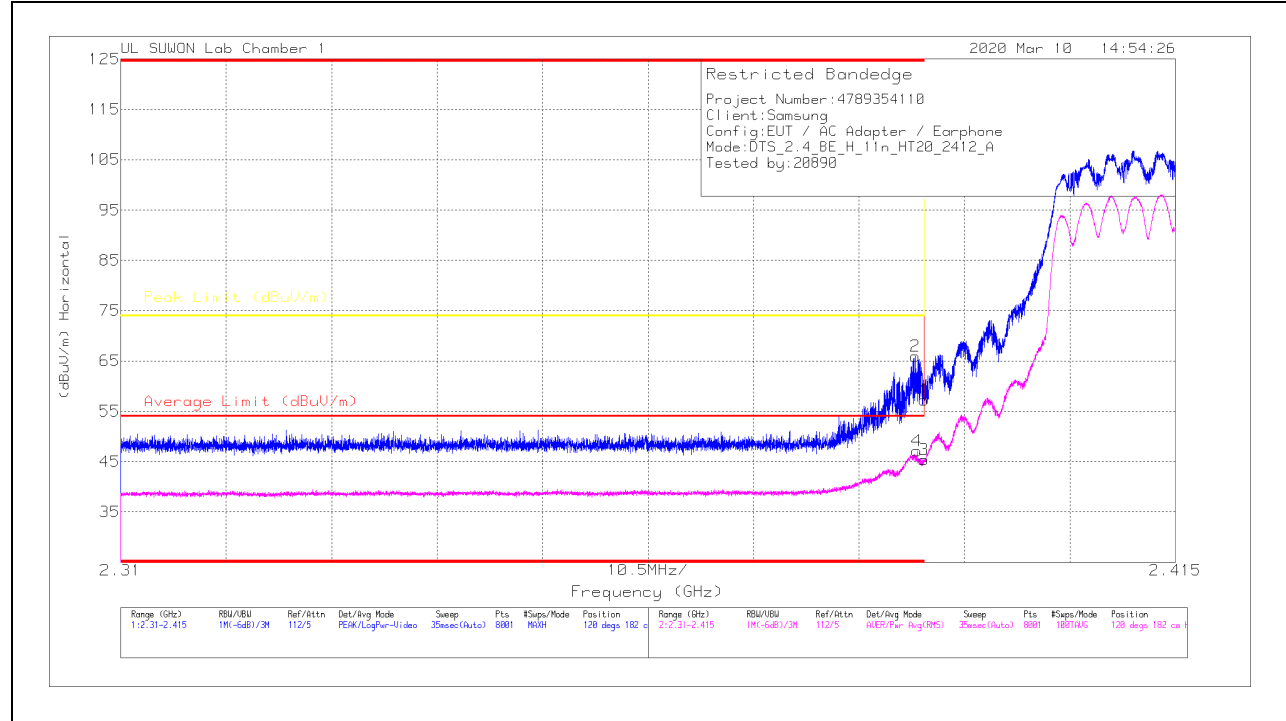
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

2TX Antenna 1 + Antenna 2 MODE

BANDEDGE (LOW CHANNEL, CH 1) HORIZONTAL RESULT



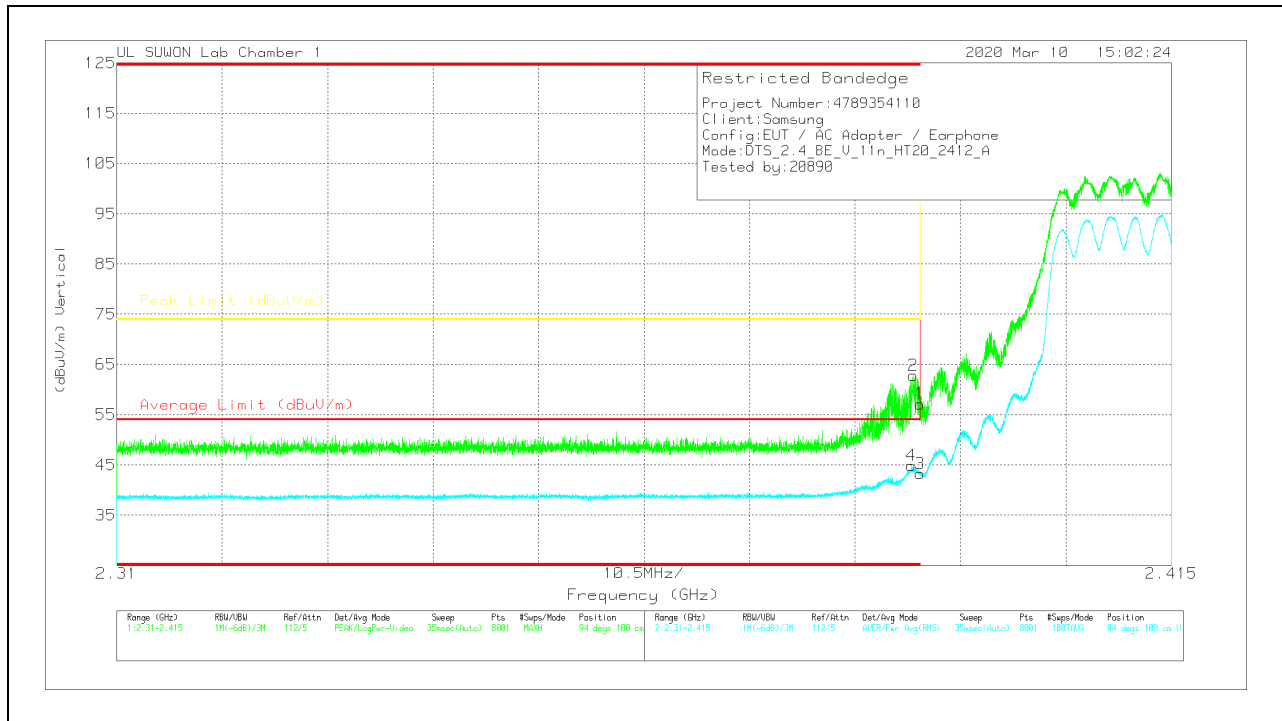
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.98	PK	31.7	-25.5	0	57.18	-	-	74	-16.82	120	182	H
2	* 2.389208	59.9	PK	31.7	-25.6	0	66	-	-	74	-8	120	182	H
3	* 2.39	39.01	RMS	31.7	-25.5	17	45.38	54	-8.62	-	-	120	182	H
4	* 2.38926	40.89	RMS	31.7	-25.6	17	47.16	54	-6.84	-	-	120	182	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	3117_00160717	10dB_ATT[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	50.97	PK	31.7	-25.5	0	57.17	-	-	74	-16.83	94	100	V
2	* 2.38929	56.75	PK	31.7	-25.6	0	62.85	-	-	74	-11.15	94	100	V
3	* 2.39	36.95	RMS	31.7	-25.5	17	43.32	54	-10.68	-	-	94	100	V
4	* 2.38913	38.67	RMS	31.7	-25.6	17	44.94	54	-9.06	-	-	94	100	V

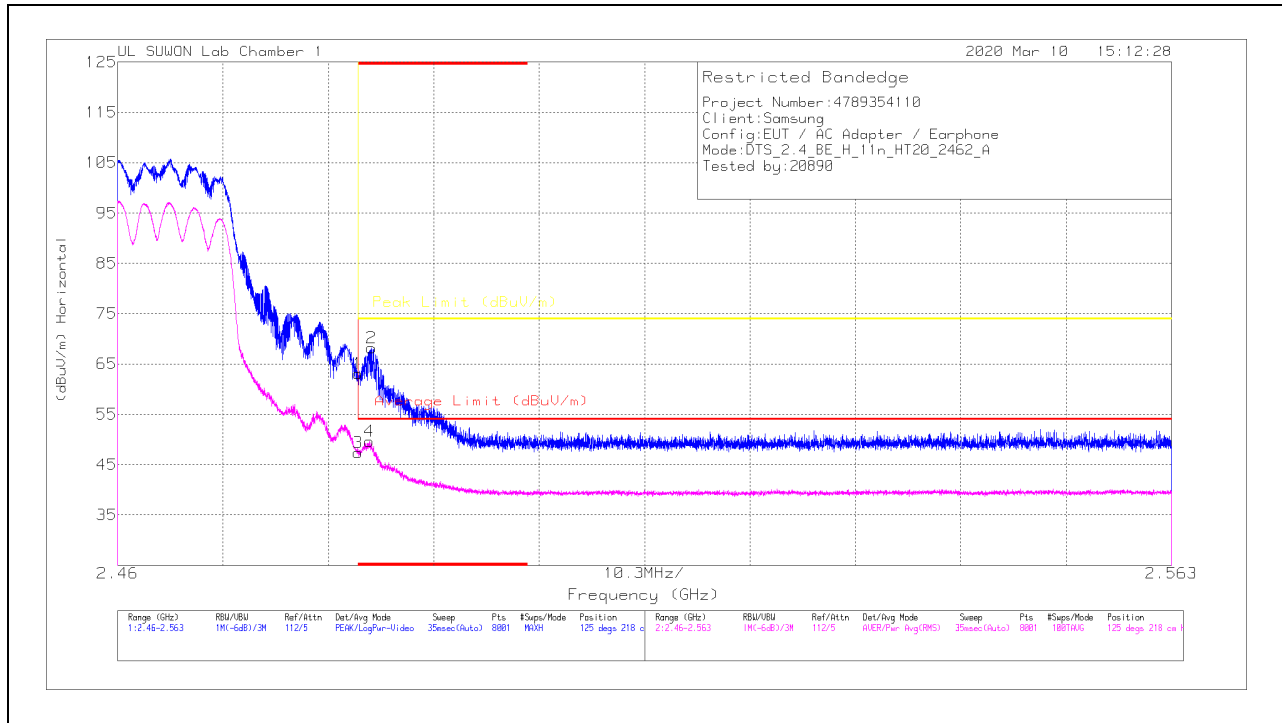
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



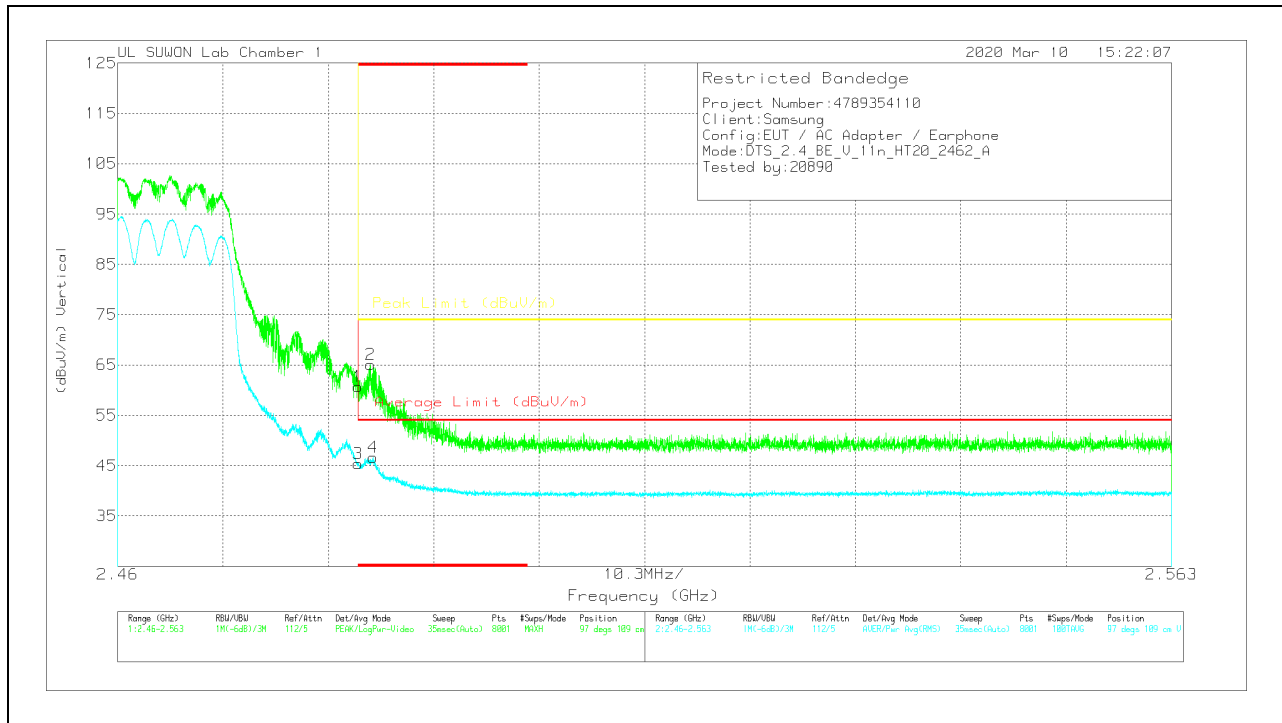
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00368717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	56.35	Pk	31.9	-25.2	0	63.05	-	-	74	-10.95	125	218	H
2	* 2.48481	61.48	Pk	31.9	-25.2	0	69.18	-	-	74	-5.82	125	218	H
3	* 2.48351	40.49	RMS	31.9	-25.2	17	47.36	54	-6.64	-	-	125	218	H
4	* 2.48458	42.76	RMS	31.9	-25.2	17	49.63	54	-4.37	-	-	125	218	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	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (m)	Polarity
1	* 2.48351	53.98	PK	31.9	-25.2	0	60.68	-	-	74	-13.32	97	109	V
2	* 2.48471	58.4	PK	31.9	-25.2	0	65.1	-	-	74	-8.9	97	109	V
3	* 2.48351	38.55	RMS	31.9	-25.2	17	45.42	54	-8.58	-	-	97	109	V
4	* 2.48498	39.75	RMS	31.9	-25.2	17	46.62	54	-7.38	-	-	97	109	V

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

Pk - Peak detector

RMS - RMS detection