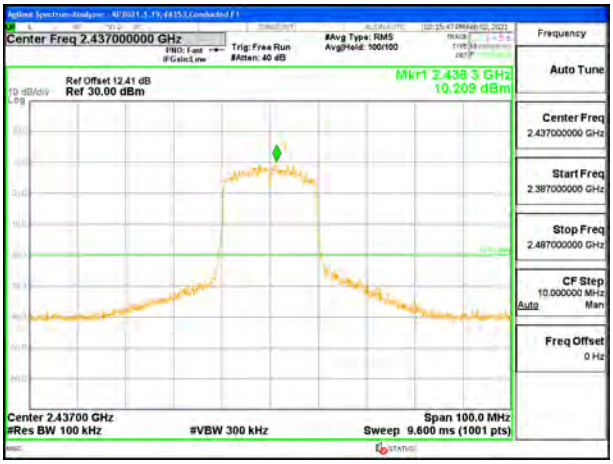
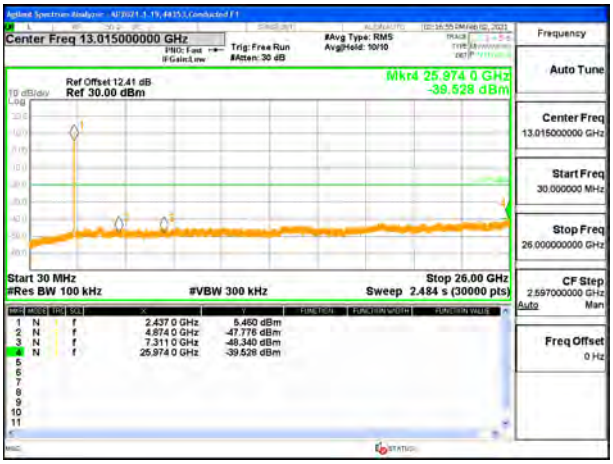


MID CHANNEL 6 BANDEDGE



OUT-OF-BAND MID CHANNEL 6

HIGH CHANNEL 9 BANDEDGE

OUT-OF-BAND HIGH CHANNEL 9

HIGH CHANNEL 10 BANDEDGE

OUT-OF-BAND HIGH CHANNEL 10

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HIGH CHANNEL 11 BANDEDGE

OUT-OF-BAND HIGH CHANNEL 11

HIGH CHANNEL 12 BANDEDGE

OUT-OF-BAND HIGH CHANNEL 12

HIGH CHANNEL 13 BANDEDGE

OUT-OF-BAND HIGH CHANNEL 13

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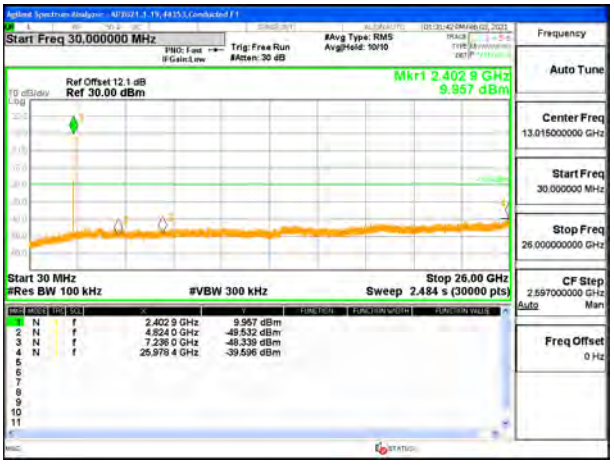
9.6.5. 802.11ax HE20 OFDMA MODE 2TX

ANT 4+ ANT 3 2TX MODE, 26-Tones, RU Index 0

LOW CHANNEL 1 BANDEDGE ANT 4



OUT-OF-BAND LOW CHANNEL 1 ANT 4

LOW CHANNEL 2 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 2 ANT 4

LOW CHANNEL 3 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 3 ANT 4

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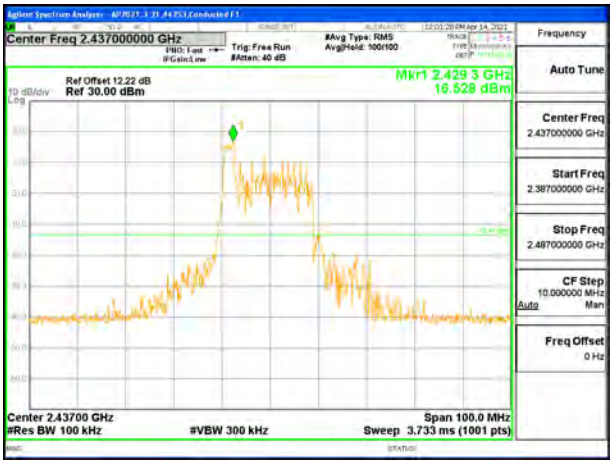
LOW CHANNEL 4 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 4 ANT 4



MID CHANNEL 6 BANDEDGE ANT 4

OUT-OF-BAND MID CHANNEL 6 ANT 4

HIGH CHANNEL 8 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 8 ANT 4

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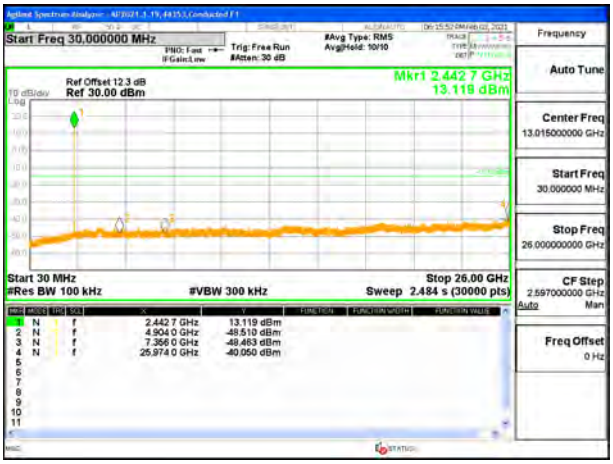
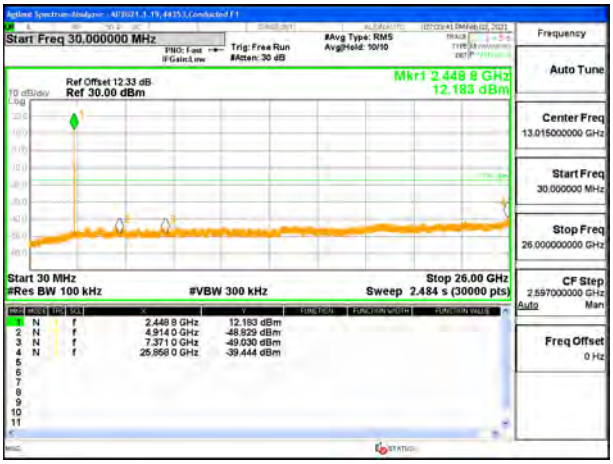
HIGH CHANNEL 9 BANDEDGE ANT 4



OUT-OF-BAND HIGH CHANNEL 9 ANT 4

HIGH CHANNEL 10 BANDEDGE ANT 4



OUT-OF-BAND HIGH CHANNEL 10 ANT 4

HIGH CHANNEL 11 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 11 ANT 4

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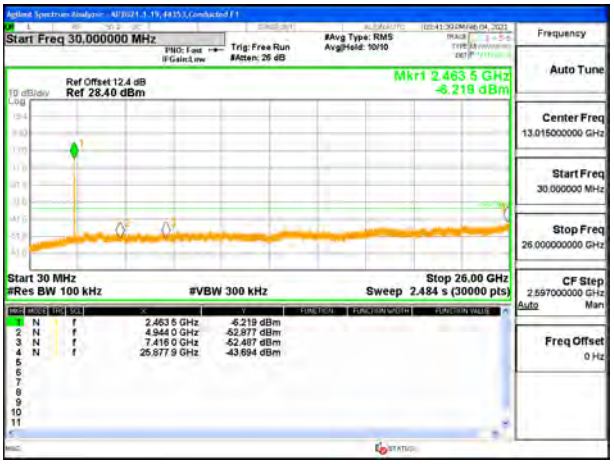
HIGH CHANNEL 12 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 12 ANT 4

HIGH CHANNEL 13 BANDEDGE ANT 4



OUT-OF-BAND HIGH CHANNEL 13 ANT 4

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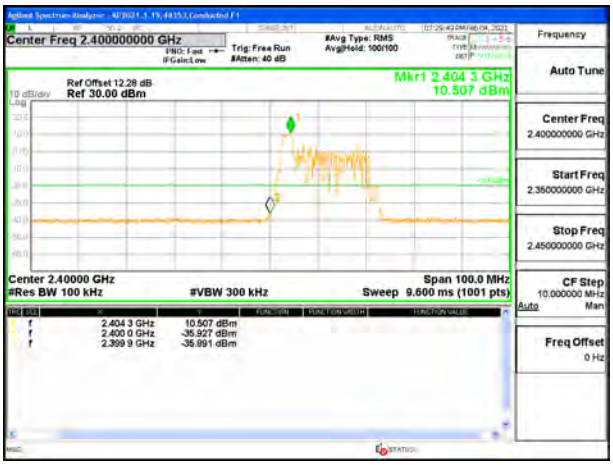
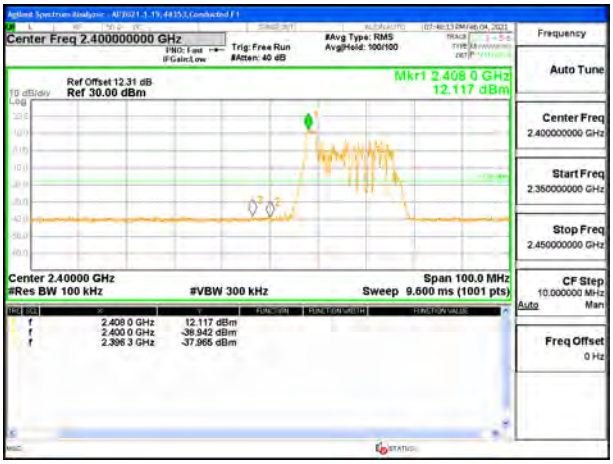
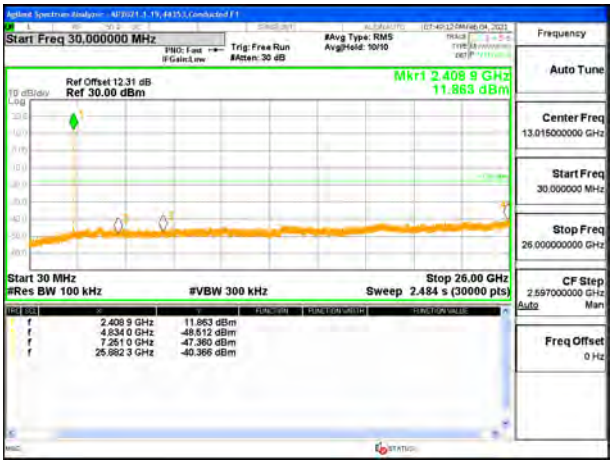


LOW CHANNEL 1 BANDEDGE ANT 3

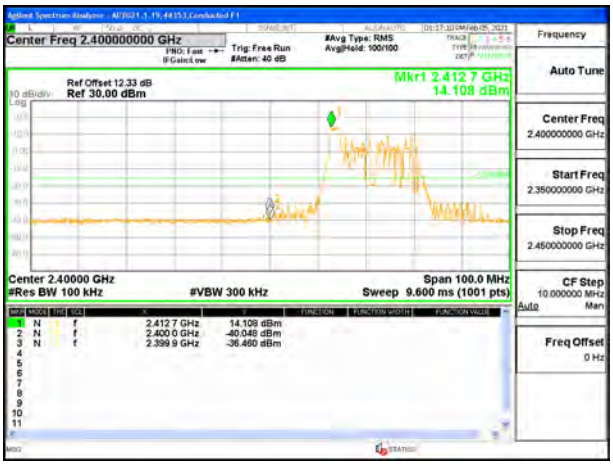
OUT-OF-BAND LOW CHANNEL 1 ANT 3



LOW CHANNEL 2 BANDEDGE ANT 3



OUT-OF-BAND LOW CHANNEL 2 ANT 3



LOW CHANNEL 3 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 3 ANT 3

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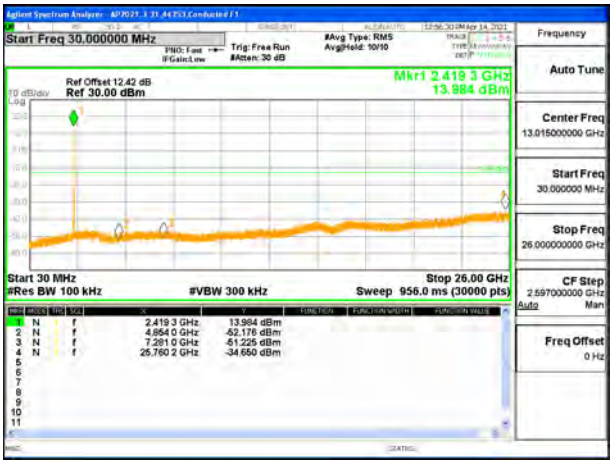
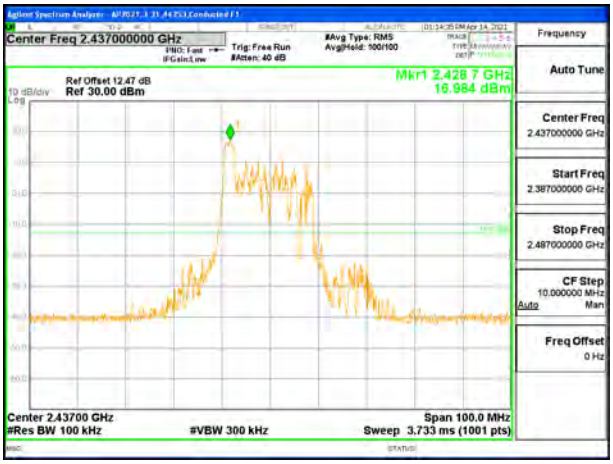
LOW CHANNEL 4 BANDEDGE ANT 3

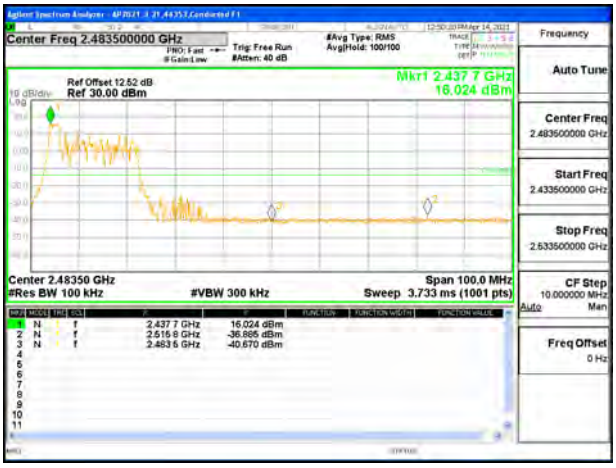


OUT-OF-BAND LOW CHANNEL 4 ANT 3



MID CHANNEL 6 BANDEDGE ANT 3

OUT-OF-BAND MID CHANNEL 6 ANT 3



HIGH CHANNEL 8 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 8 ANT 3

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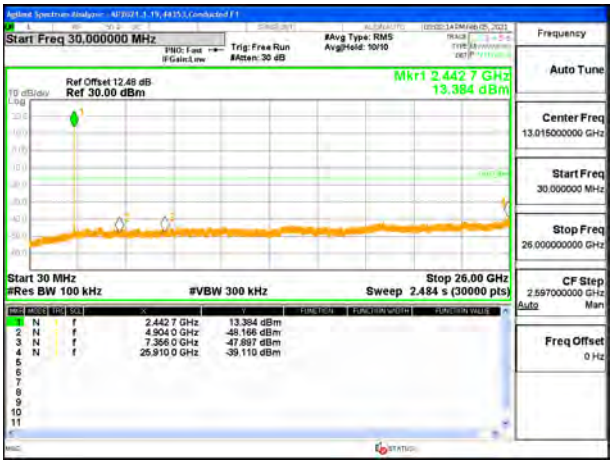
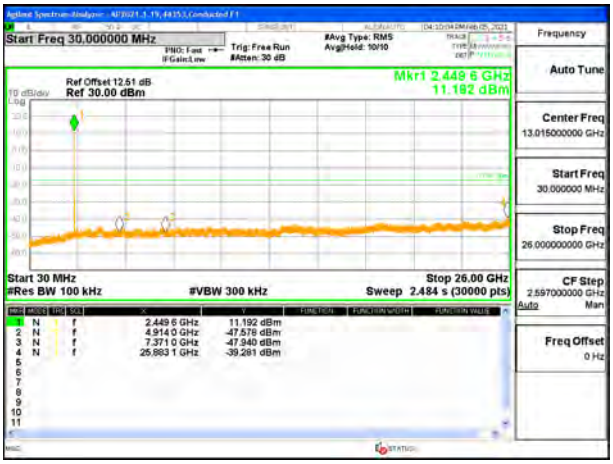
HIGH CHANNEL 9 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 9 ANT 3

HIGH CHANNEL 10 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 10 ANT 3

HIGH CHANNEL 11 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 11 ANT 3

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HIGH CHANNEL 12 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 12 ANT 3

HIGH CHANNEL 13 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 13 ANT 3

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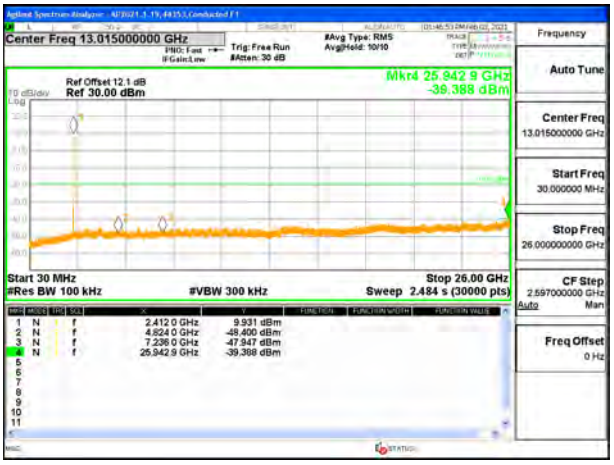
ANT 4+ ANT 3 2TX MODE: 26-Tones, RU Index 4

LOW CHANNEL 1 BANDEDGE ANT 4



OUT-OF-BAND LOW CHANNEL 1 ANT 4

LOW CHANNEL 2 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 2 ANT 4

LOW CHANNEL 3 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 3 ANT 4

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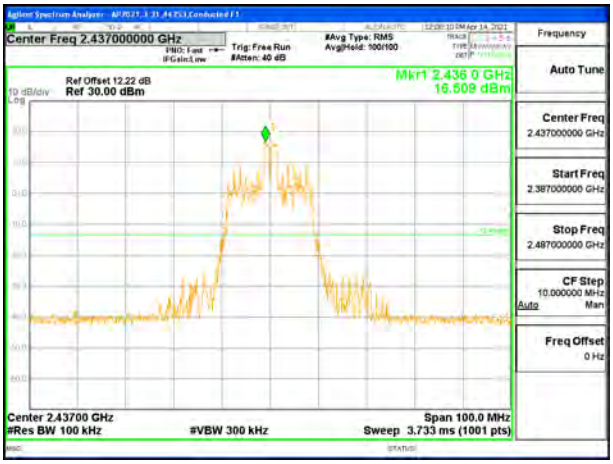
LOW CHANNEL 4 BANDEDGE ANT 4

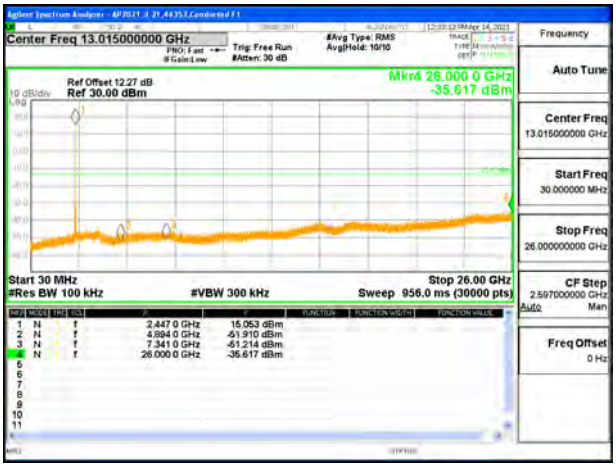
OUT-OF-BAND LOW CHANNEL 4 ANT 4



MID CHANNEL 6 BANDEDGE ANT 4

OUT-OF-BAND MID CHANNEL 6 ANT 4

HIGH CHANNEL 8 BANDEDGE ANT 4



OUT-OF-BAND HIGH CHANNEL 8 ANT 4

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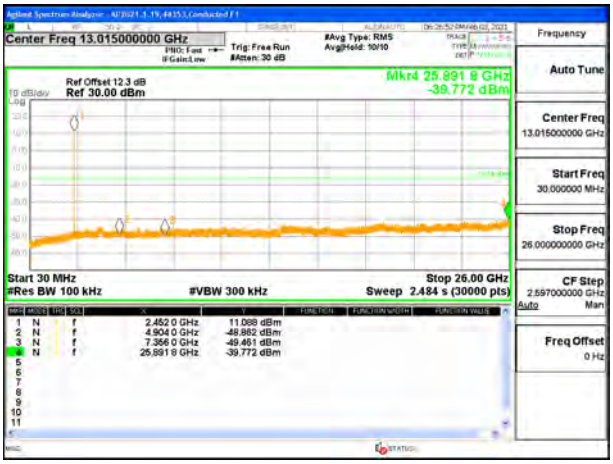
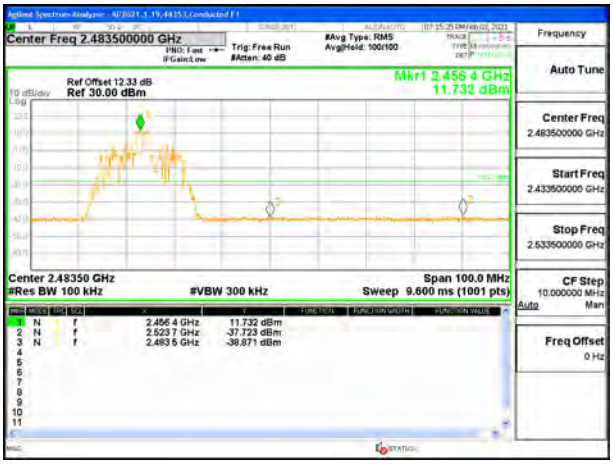
HIGH CHANNEL 9 BANDEDGE ANT 4



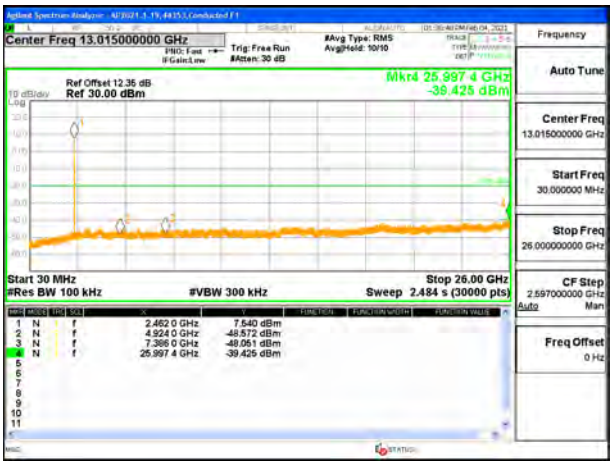
OUT-OF-BAND HIGH CHANNEL 9 ANT 4



HIGH CHANNEL 10 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 10 ANT 4

HIGH CHANNEL 11 BANDEDGE ANT 4



OUT-OF-BAND HIGH CHANNEL 11 ANT 4

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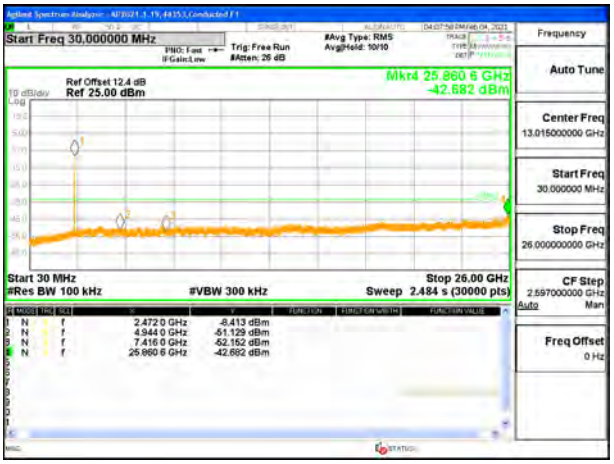
HIGH CHANNEL 12 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 12 ANT 4

HIGH CHANNEL 13 BANDEDGE ANT 4



OUT-OF-BAND HIGH CHANNEL 13 ANT 4

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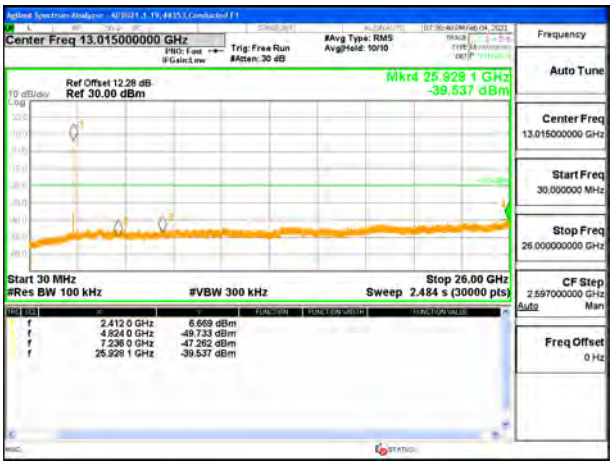
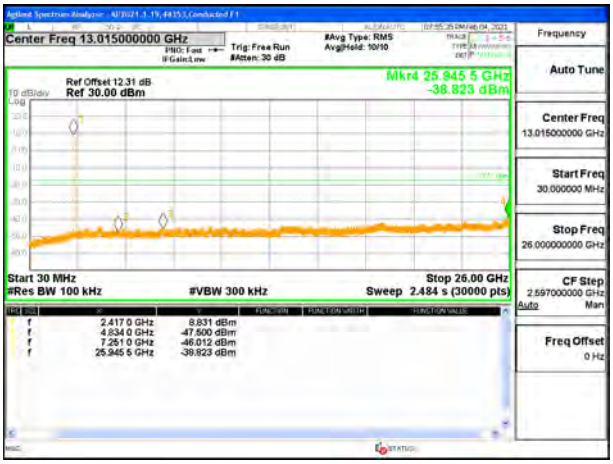
LOW CHANNEL 1 BANDEDGE ANT 3



OUT-OF-BAND LOW CHANNEL 1 ANT 3

LOW CHANNEL 2 BANDEDGE ANT 3



OUT-OF-BAND LOW CHANNEL 2 ANT 3

LOW CHANNEL 3 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 3 ANT 3

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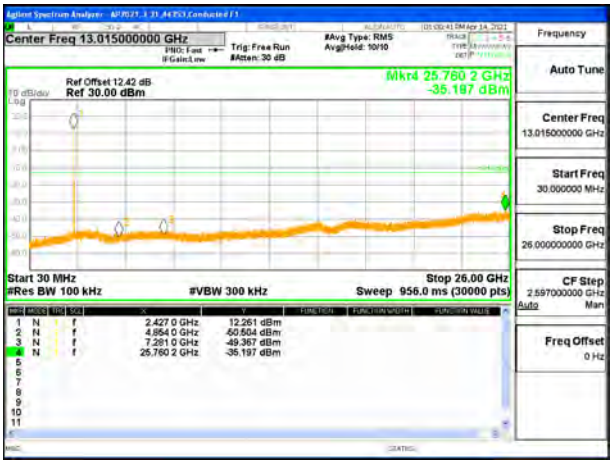
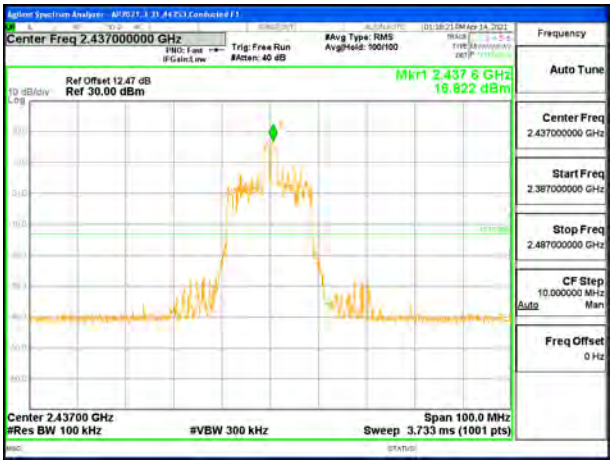
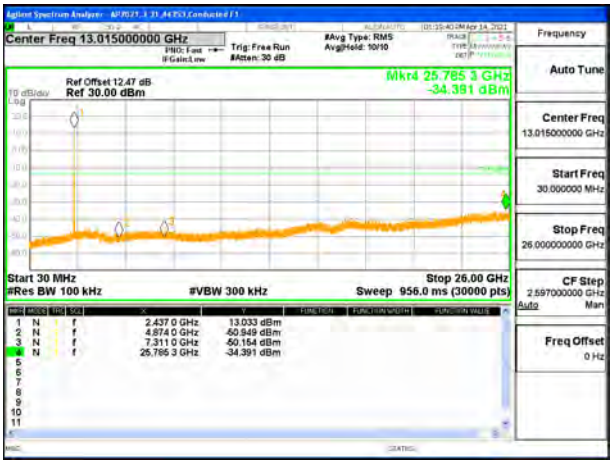
LOW CHANNEL 4 BANDEDGE ANT 3



OUT-OF-BAND LOW CHANNEL 4 ANT 3

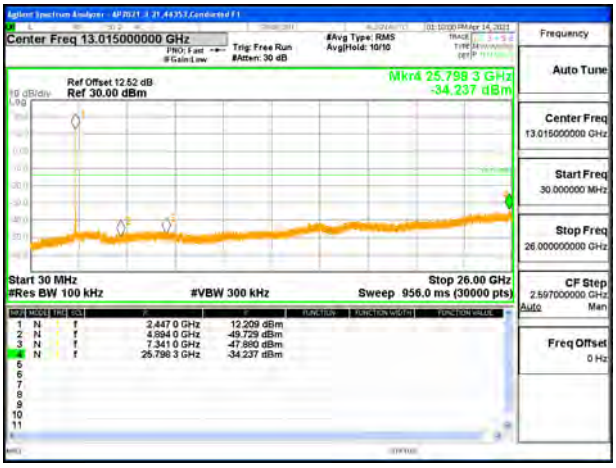


MID CHANNEL 6 BANDEDGE ANT 3



OUT-OF-BAND MID CHANNEL 6 ANT 3

HIGH CHANNEL 8 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 8 ANT 3

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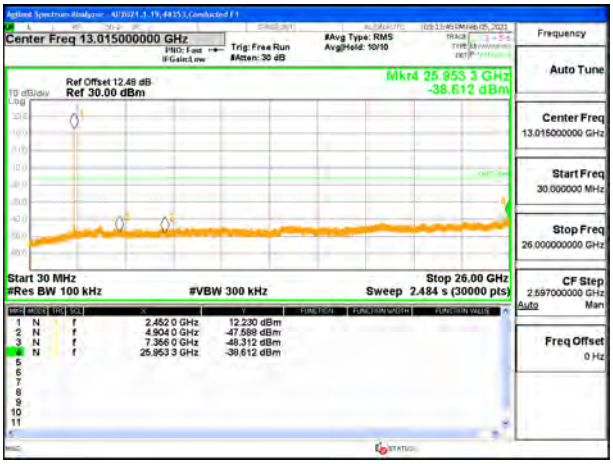
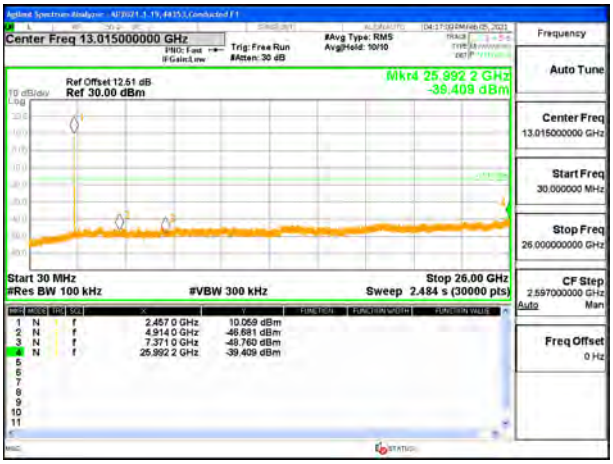
HIGH CHANNEL 9 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 9 ANT 3

HIGH CHANNEL 10 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 10 ANT 3

HIGH CHANNEL 11 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 11 ANT 3

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HIGH CHANNEL 12 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 12 ANT 3

HIGH CHANNEL 13 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 13 ANT 3

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ANT 4+ ANT 3 2TX MODE: 26-Tones, RU Index 8

LOW CHANNEL 1 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 1 ANT 4

LOW CHANNEL 2 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 2 ANT 4

LOW CHANNEL 3 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 3 ANT 4

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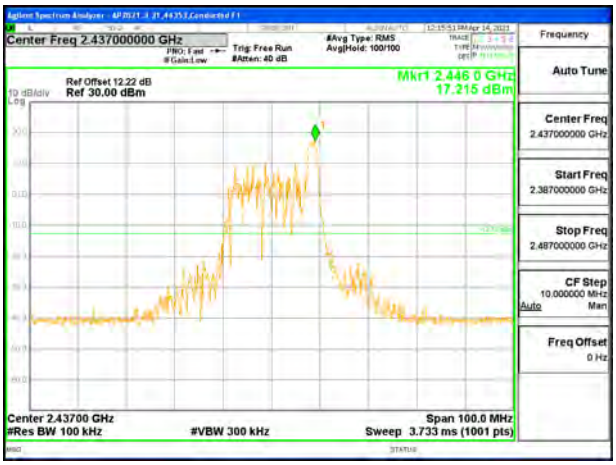
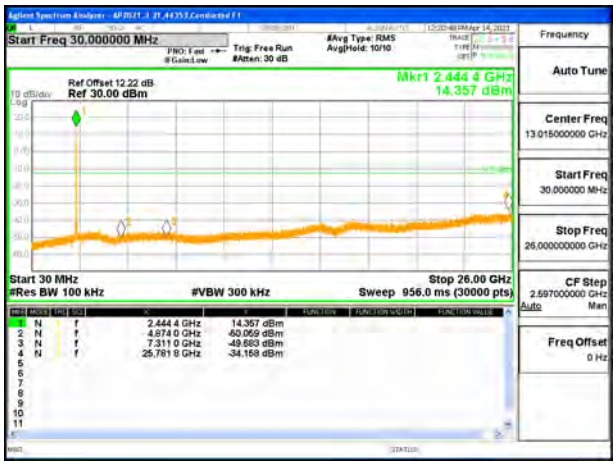
LOW CHANNEL 4 BANDEDGE ANT 4

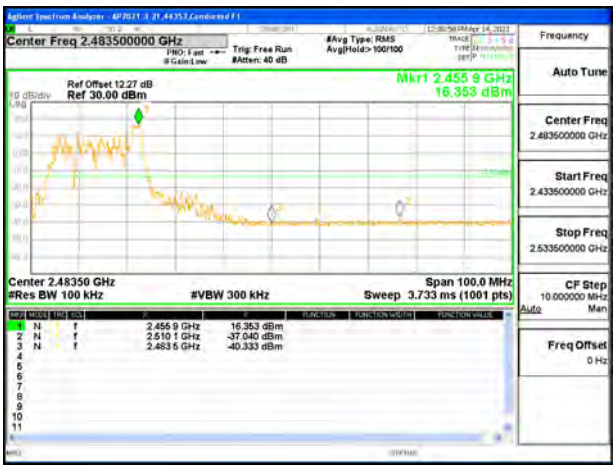
OUT-OF-BAND LOW CHANNEL 4 ANT 4



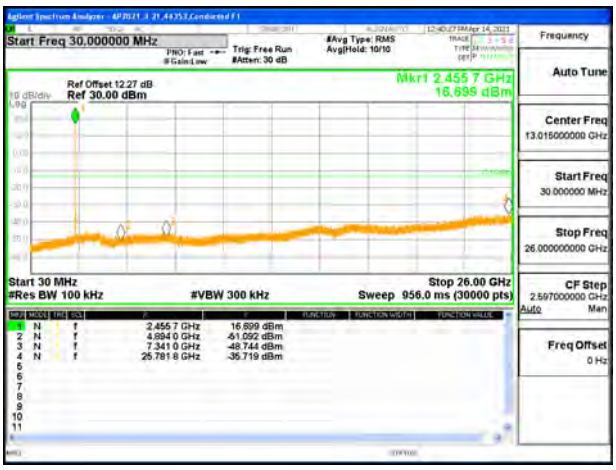
MID CHANNEL 6 BANDEDGE ANT 4



OUT-OF-BAND MID CHANNEL 6 ANT 4



HIGH CHANNEL 8 BANDEDGE ANT 4



OUT-OF-BAND HIGH CHANNEL 8 ANT 4

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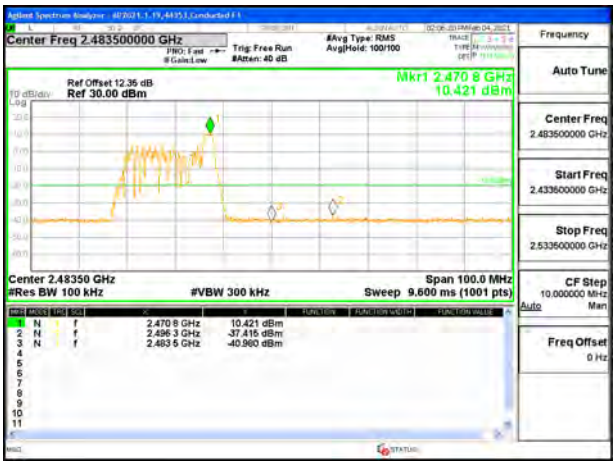
HIGH CHANNEL 9 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 9 ANT 4

HIGH CHANNEL 10 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 10 ANT 4



HIGH CHANNEL 11 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 11 ANT 4

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HIGH CHANNEL 12 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 12 ANT 4

HIGH CHANNEL 13 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 13 ANT 4

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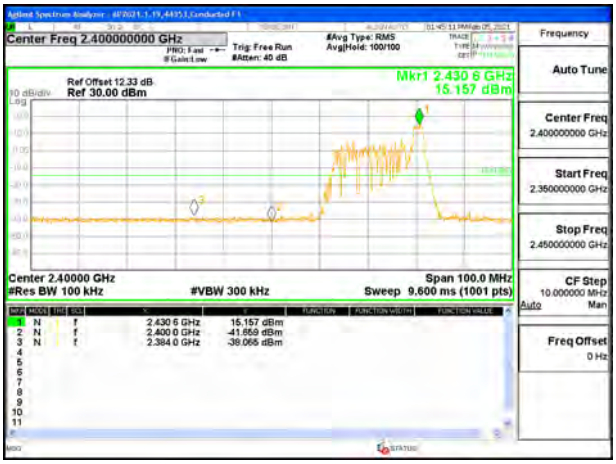
LOW CHANNEL 1 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 1 ANT 3

LOW CHANNEL 2 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 2 ANT 3



LOW CHANNEL 3 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 3 ANT 3

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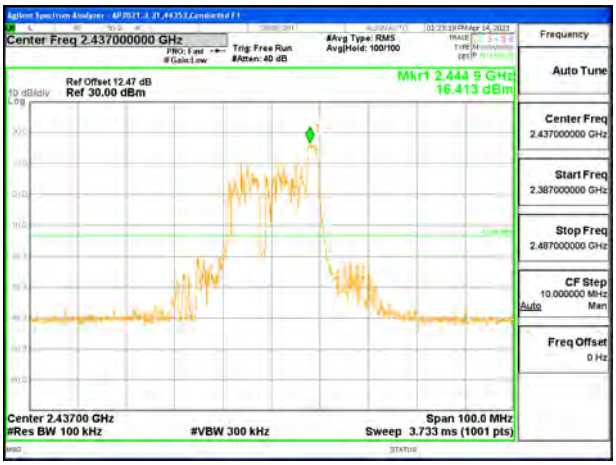
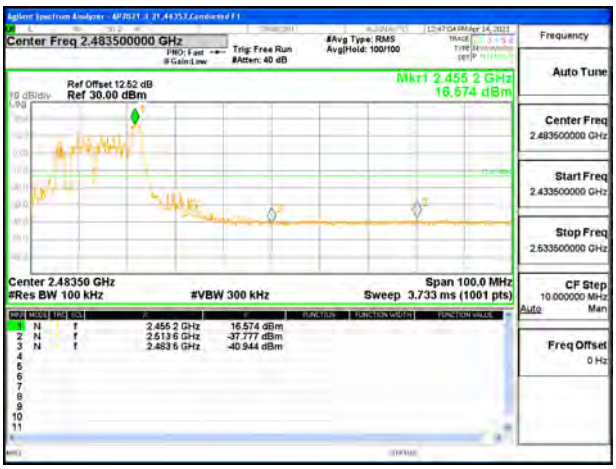
LOW CHANNEL 4 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 4 ANT 3

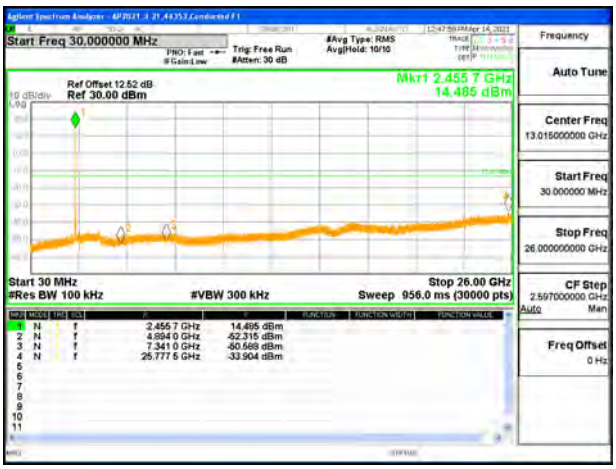


MID CHANNEL 6 BANDEDGE ANT 3

OUT-OF-BAND MID CHANNEL 6 ANT 3



HIGH CHANNEL 8 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 8 ANT 3

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HIGH CHANNEL 9 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 9 ANT 3

HIGH CHANNEL 10 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 10 ANT 3

HIGH CHANNEL 11 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 11 ANT 3

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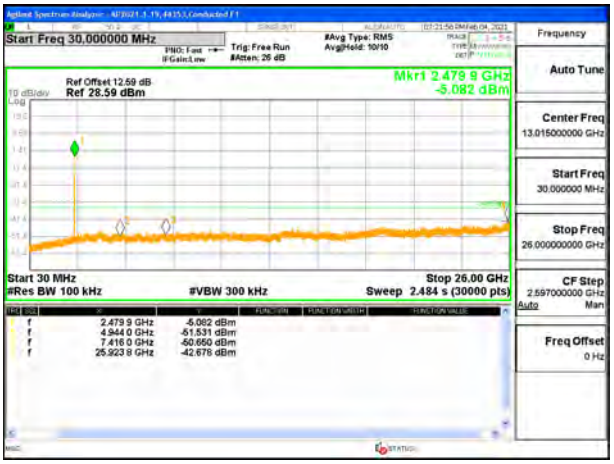
HIGH CHANNEL 12 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 12 ANT 3

HIGH CHANNEL 13 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 13 ANT 3

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ANT 4+ ANT 3 2TX MODE: SU Mode

LOW CHANNEL 1 BANDE

DGE ANT 4

OUT-OF-BAND LOW CHANNEL 1 ANT 4

LOW CHANNEL 2 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 2 ANT 4

LOW CHANNEL 3 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 3 ANT 4

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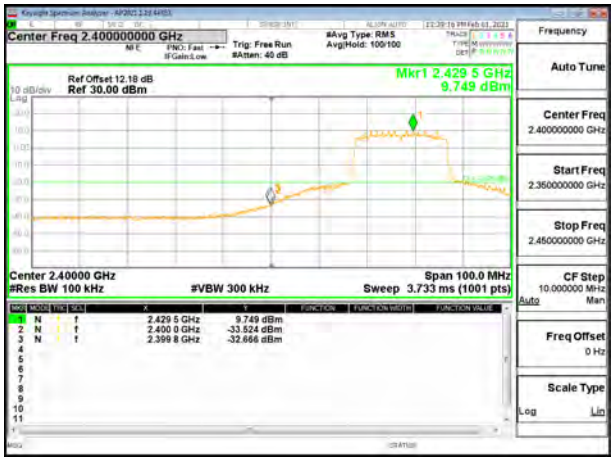
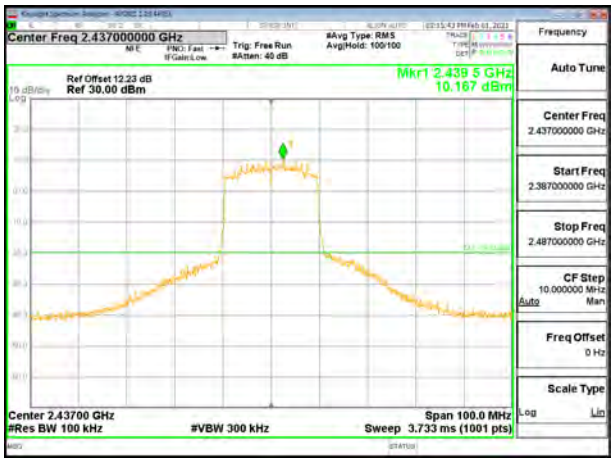


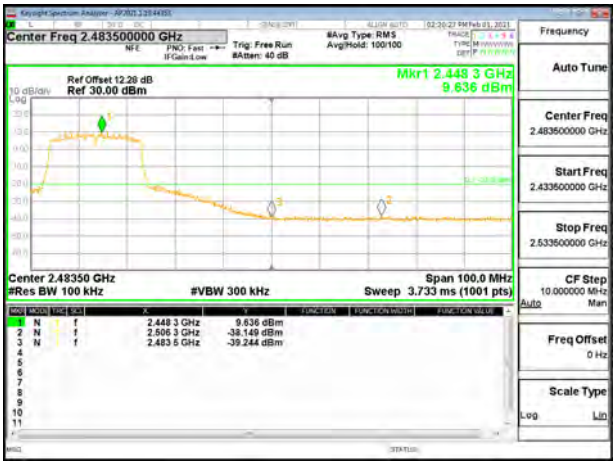
LOW CHANNEL 4 BANDEDGE ANT 4

OUT-OF-BAND LOW CHANNEL 4 ANT 4



MID CHANNEL 6 BANDEDGE ANT 4

OUT-OF-BAND MID CHANNEL 6 ANT 4



HIGH CHANNEL 8 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 8 ANT 4

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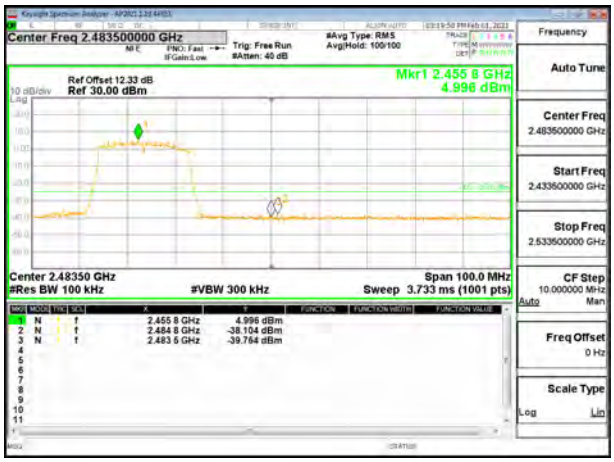
HIGH CHANNEL 9 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 9 ANT 4



HIGH CHANNEL 10 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 10 ANT 4

HIGH CHANNEL 11 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 11 ANT 4

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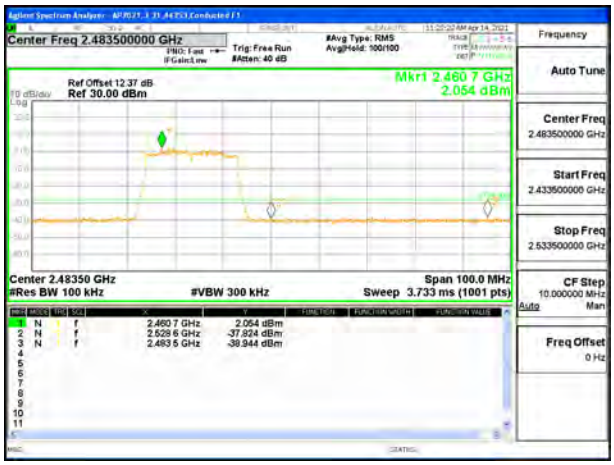

HIGH CHANNEL 12 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 12 ANT 4

HIGH CHANNEL 13 BANDEDGE ANT 4

OUT-OF-BAND HIGH CHANNEL 13 ANT 4

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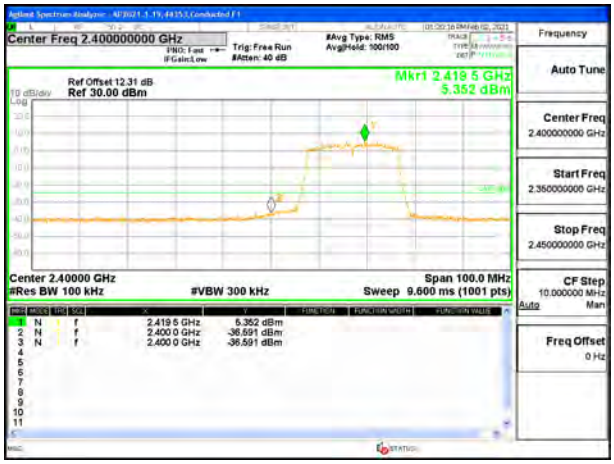
LOW CHANNEL 1 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 1 ANT 3



LOW CHANNEL 2 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 2 ANT 3

LOW CHANNEL 3 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 3 ANT 3

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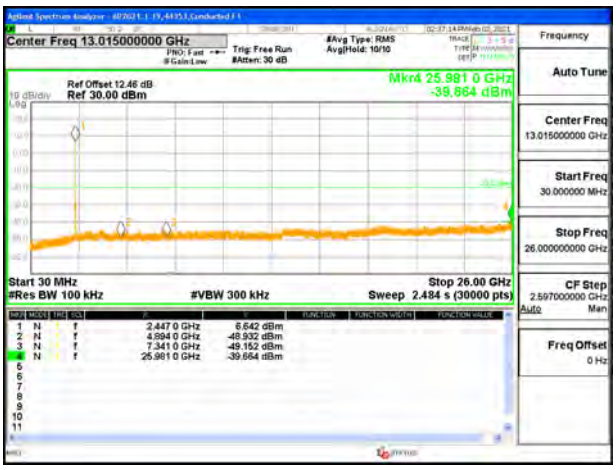
LOW CHANNEL 4 BANDEDGE ANT 3

OUT-OF-BAND LOW CHANNEL 4 ANT 3

MID CHANNEL 6 BANDEDGE ANT 3

OUT-OF-BAND MID CHANNEL 6 ANT 3

HIGH CHANNEL 8 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 8 ANT 3

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HIGH CHANNEL 9 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 9 ANT 3

HIGH CHANNEL 10 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 10 ANT 3

HIGH CHANNEL 11 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 11 ANT 3

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HIGH CHANNEL 12 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 12 ANT 3

HIGH CHANNEL 13 BANDEDGE ANT 3

OUT-OF-BAND HIGH CHANNEL 13 ANT 3

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10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209
RSS-GEN, Section 8.9 and 8.10

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

TEST PROCEDURE

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

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. 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.

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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.

RESULTS

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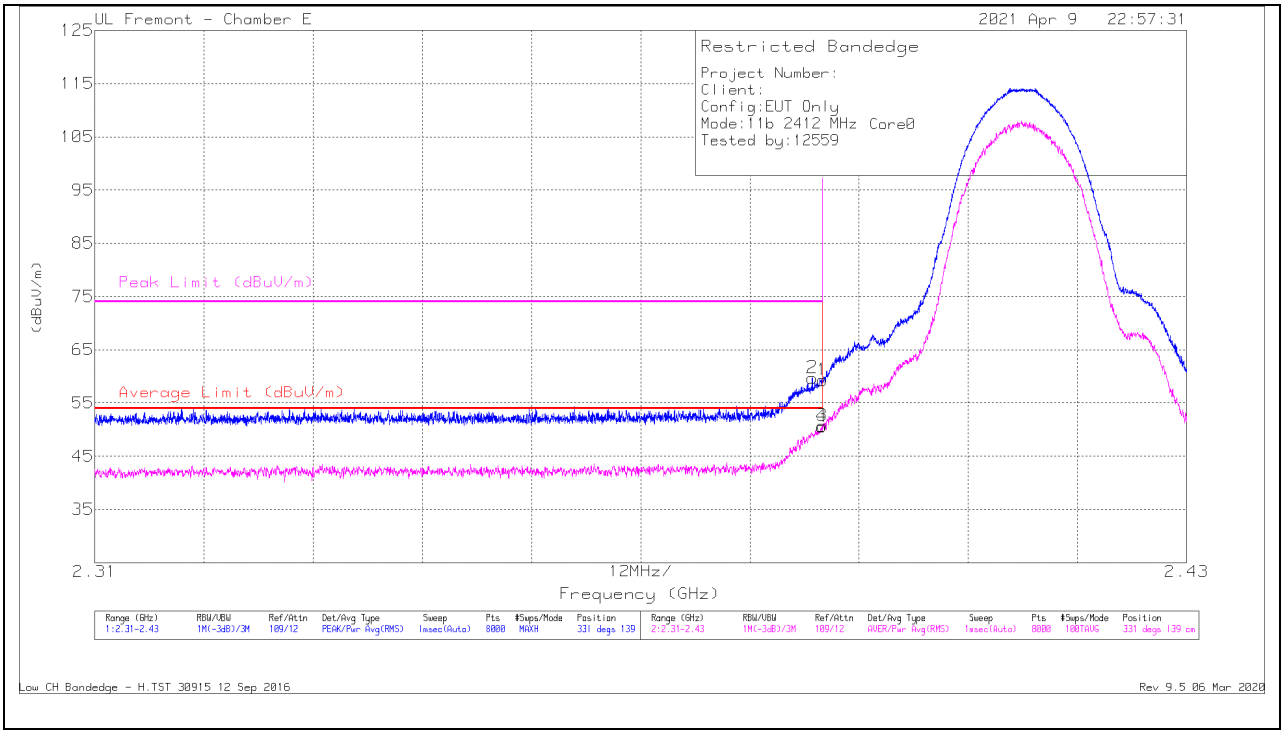
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. 802.11b MODE IN THE 2.4 GHz BAND

1TX ANT 4 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	44.68	Pk	32.2	-17.6	59.28	-	-	74	-14.72	331	139	H
2	* 2.38887	45.12	Pk	32.2	-17.6	59.72	-	-	74	-14.28	331	139	H
3	* 2.38999	36.14	RMS	32.2	-17.6	50.74	54	-3.26	-	-	331	139	H
4	* 2.38989	35.97	RMS	32.2	-17.6	50.57	54	-3.43	-	-	331	139	H

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

Pk - Peak detector
RMS - RMS detection

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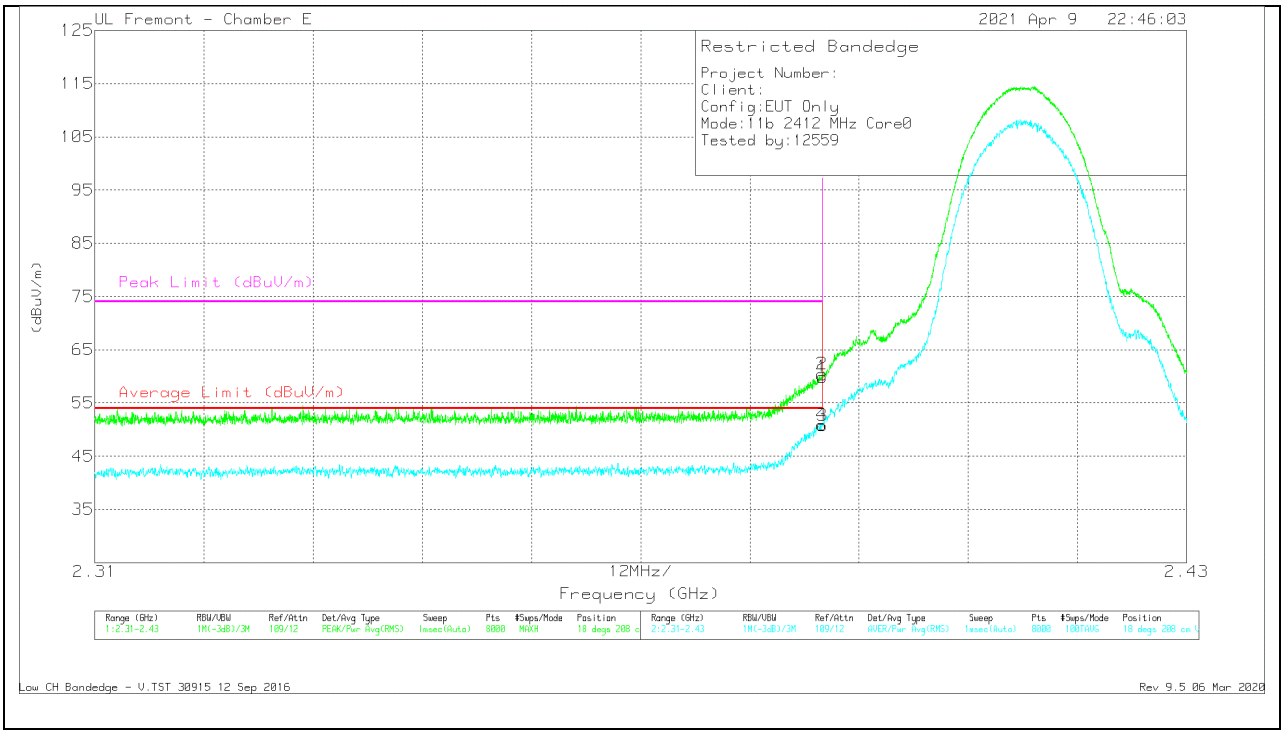
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	45.31	Pk	32.2	-17.6	59.91	-	-	74	-14.09	18	208	V
2	* 2.38993	45.79	Pk	32.2	-17.6	60.39	-	-	74	-13.61	18	208	V
3	* 2.38999	36.17	RMS	32.2	-17.6	50.77	54	-3.23	-	-	18	208	V
4	* 2.3899	36.29	RMS	32.2	-17.6	50.89	54	-3.11	-	-	18	208	V

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

Pk - Peak detector
RMS - RMS detection

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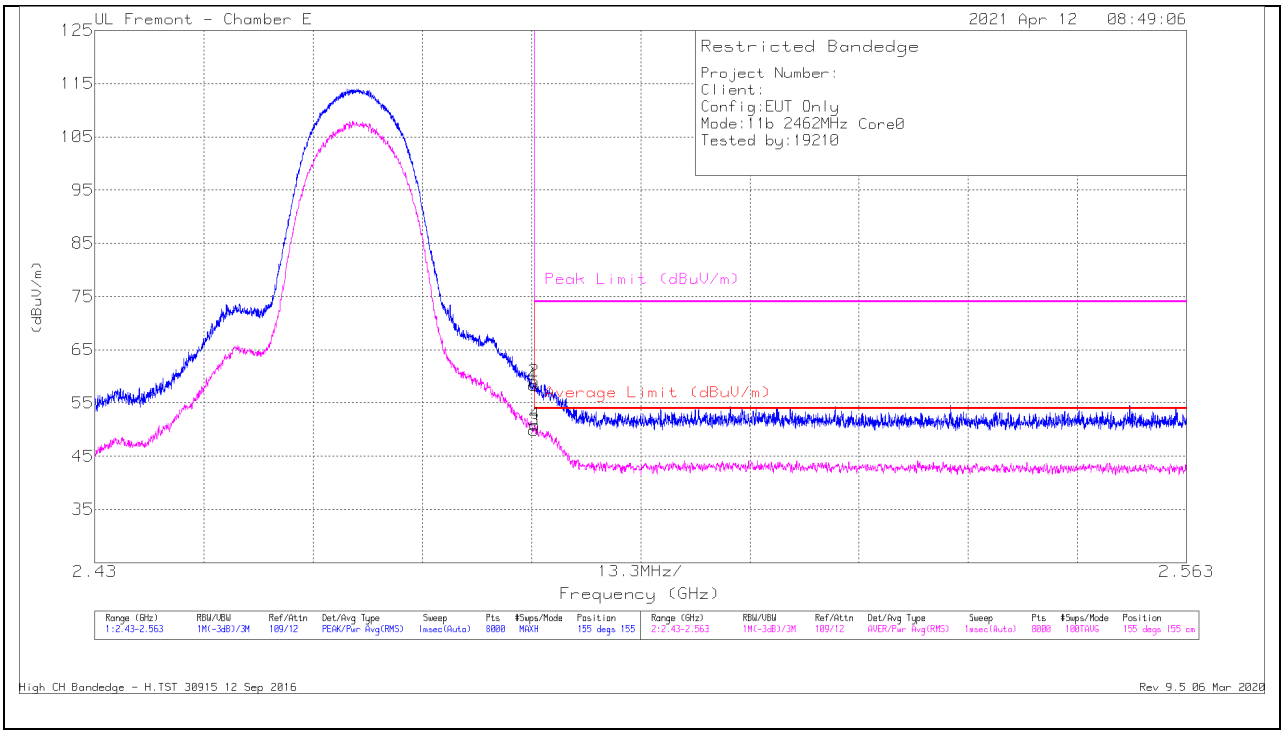
BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.48	Pk	32.6	-17.7	58.38	-	-	74	-15.62	155	155	H
3	* 2.48351	34.99	RMS	32.6	-17.7	49.89	54	-4.11	-	-	155	155	H
2	* 2.48352	44.14	Pk	32.6	-17.7	59.04	-	-	74	-14.96	155	155	H
4	* 2.48359	36.04	RMS	32.6	-17.7	50.94	54	-3.06	-	-	155	155	H

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

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RMS - RMS detection

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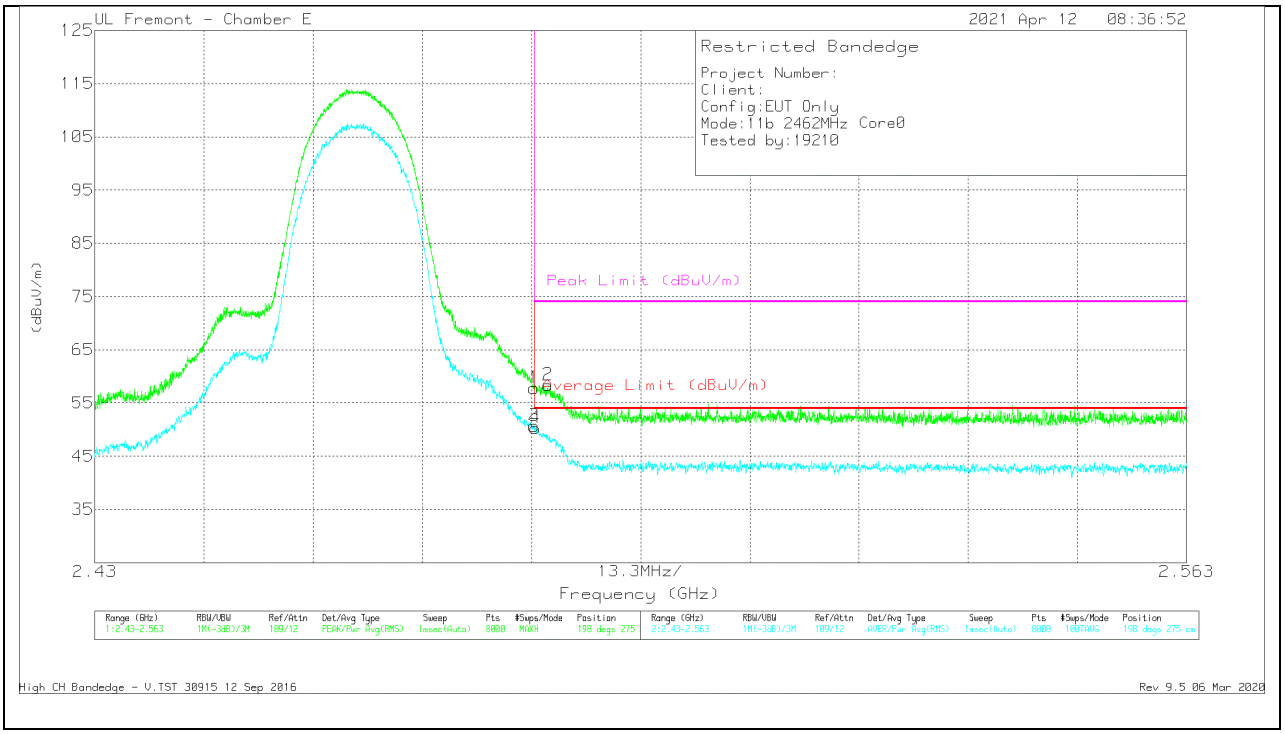
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	42.92	Pk	32.6	-17.7	57.82	-	-	74	-16.18	198	275	V
3	* 2.48351	35.83	RMS	32.6	-17.7	50.73	54	-3.27	-	-	198	275	V
4	* 2.48366	35.44	RMS	32.6	-17.7	50.34	54	-3.66	-	-	198	275	V
2	* 2.48519	43.5	Pk	32.6	-17.7	58.4	-	-	74	-15.6	198	275	V

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

Pk - Peak detector
RMS - RMS detection

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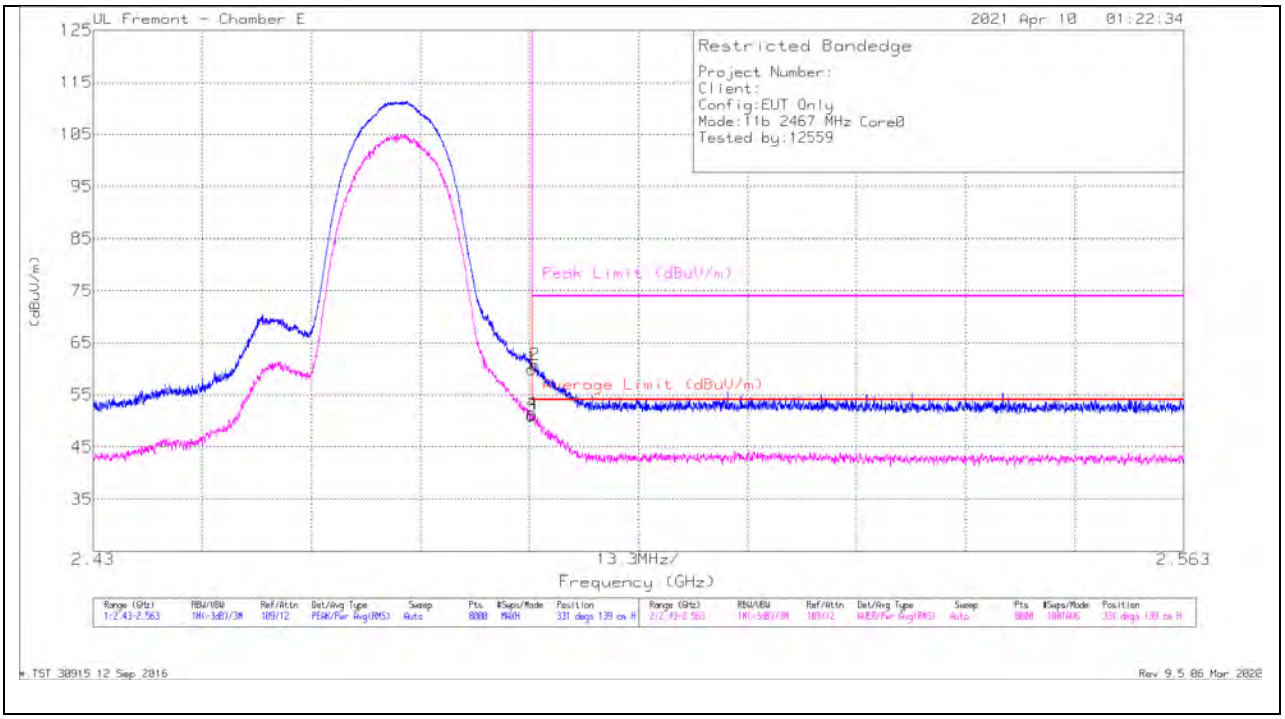
BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	45.14	Pk	32.6	-17.7	60.04	-	-	74	-13.96	331	139	H
2	* 2.48387	45.86	Pk	32.6	-17.7	60.76	-	-	74	-13.24	331	139	H
3	* 2.48351	36.05	RMS	32.6	-17.7	50.95	54	-3.05	-	-	331	139	H
4	* 2.48356	36.42	RMS	32.6	-17.7	51.32	54	-2.68	-	-	331	139	H

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

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RMS - RMS detection

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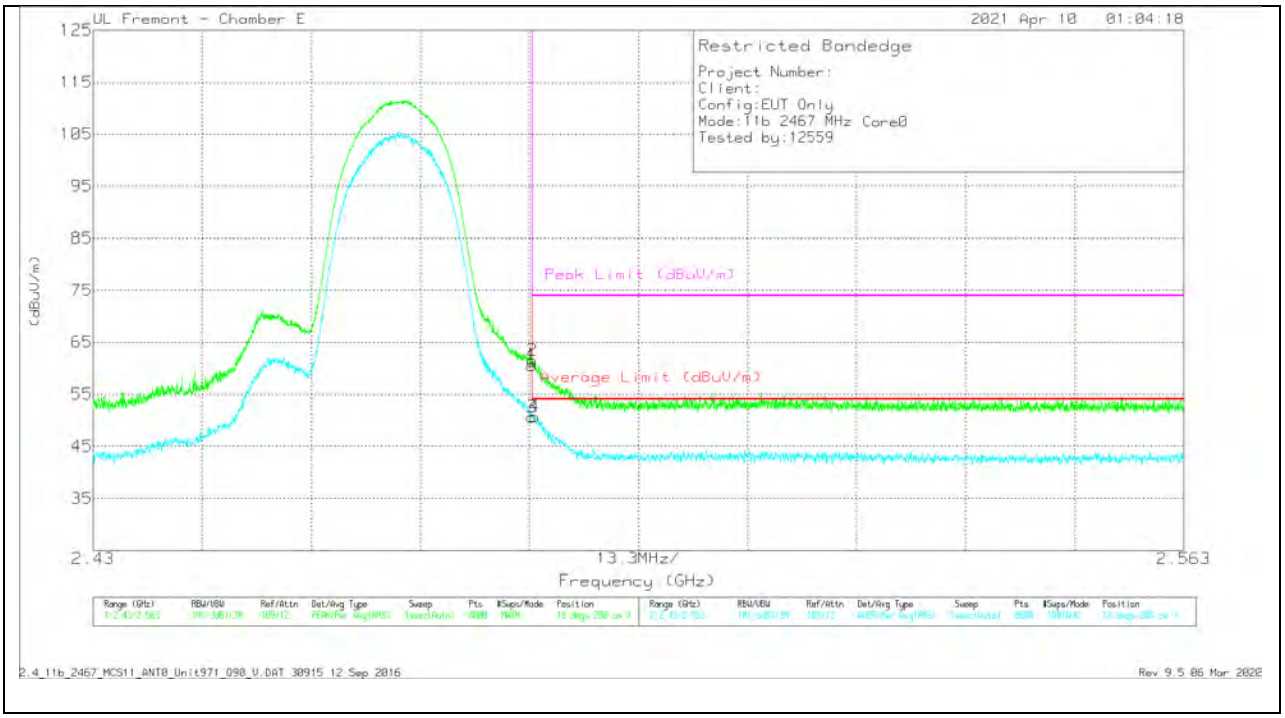
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	45.7	Pk	32.6	-17.7	60.6	-	-	74	-13.4	18	208	V
2	* 2.48361	46.55	Pk	32.6	-17.7	61.45	-	-	74	-12.55	18	208	V
3	* 2.48351	35.78	RMS	32.6	-17.7	50.68	54	-3.32	-	-	18	208	V
4	* 2.48382	35.8	RMS	32.6	-17.7	50.7	54	-3.3	-	-	18	208	V

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

Pk - Peak detector
RMS - RMS detection

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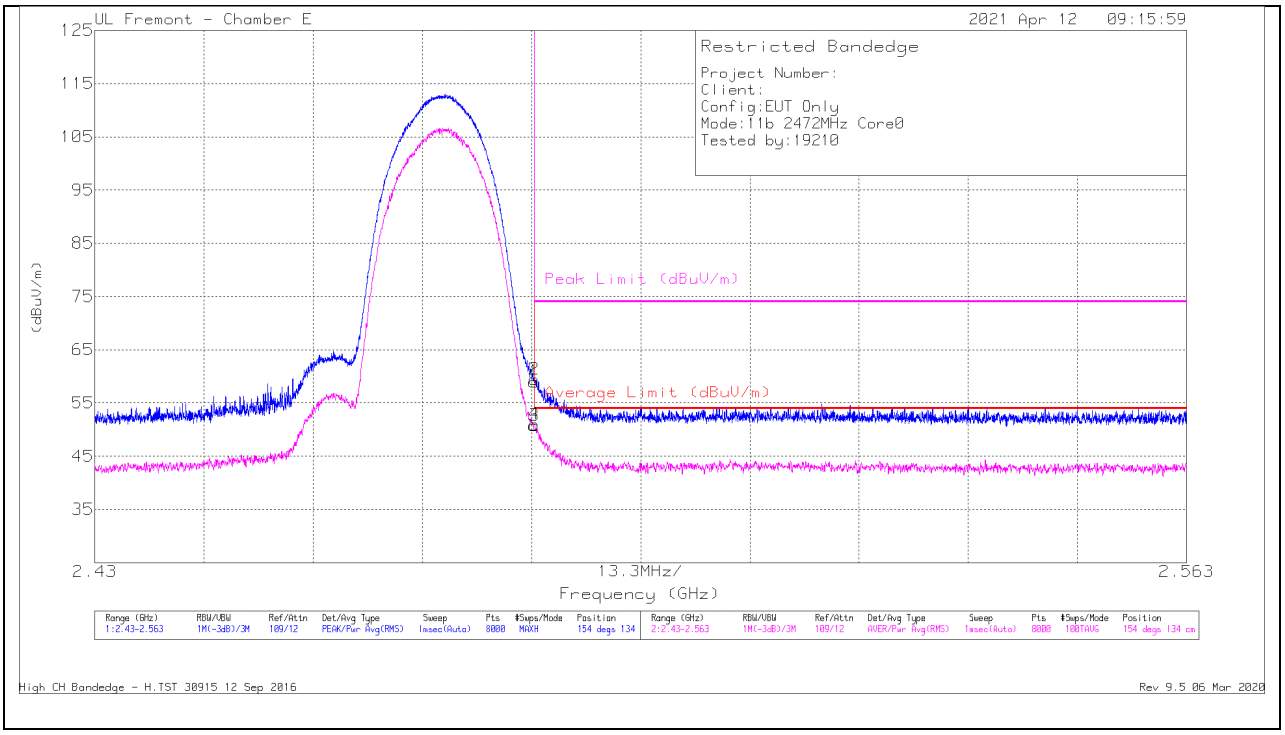
BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	44.12	Pk	32.6	-17.7	59.02	-	-	74	-14.98	154	134	H
3	* 2.48351	35.86	RMS	32.6	-17.7	50.76	54	-3.24	-	-	154	134	H
2	* 2.48352	44.53	Pk	32.6	-17.7	59.43	-	-	74	-14.57	154	134	H
4	* 2.48354	36.08	RMS	32.6	-17.7	50.98	54	-3.02	-	-	154	134	H

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

Pk - Peak detector
RMS - RMS detection

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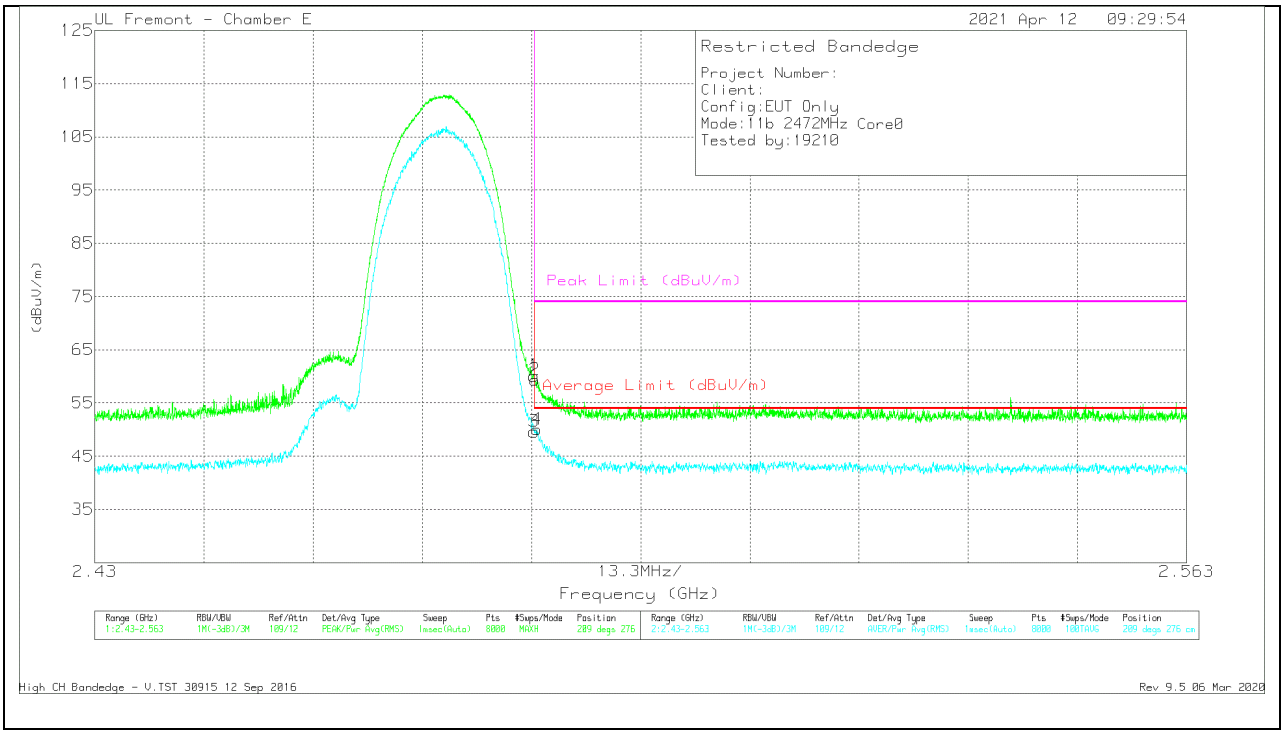
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	45.19	Pk	32.6	-17.7	60.09	-	-	74	-13.91	209	276	V
2	* 2.48362	44.44	Pk	32.6	-17.7	59.34	-	-	74	-14.66	209	276	V
3	* 2.48351	34.73	RMS	32.6	-17.7	49.63	54	-4.37	-	-	209	276	V
4	* 2.48384	35.12	RMS	32.6	-17.7	50.02	54	-3.98	-	-	209	276	V

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

Pk - Peak detector
RMS - RMS detection

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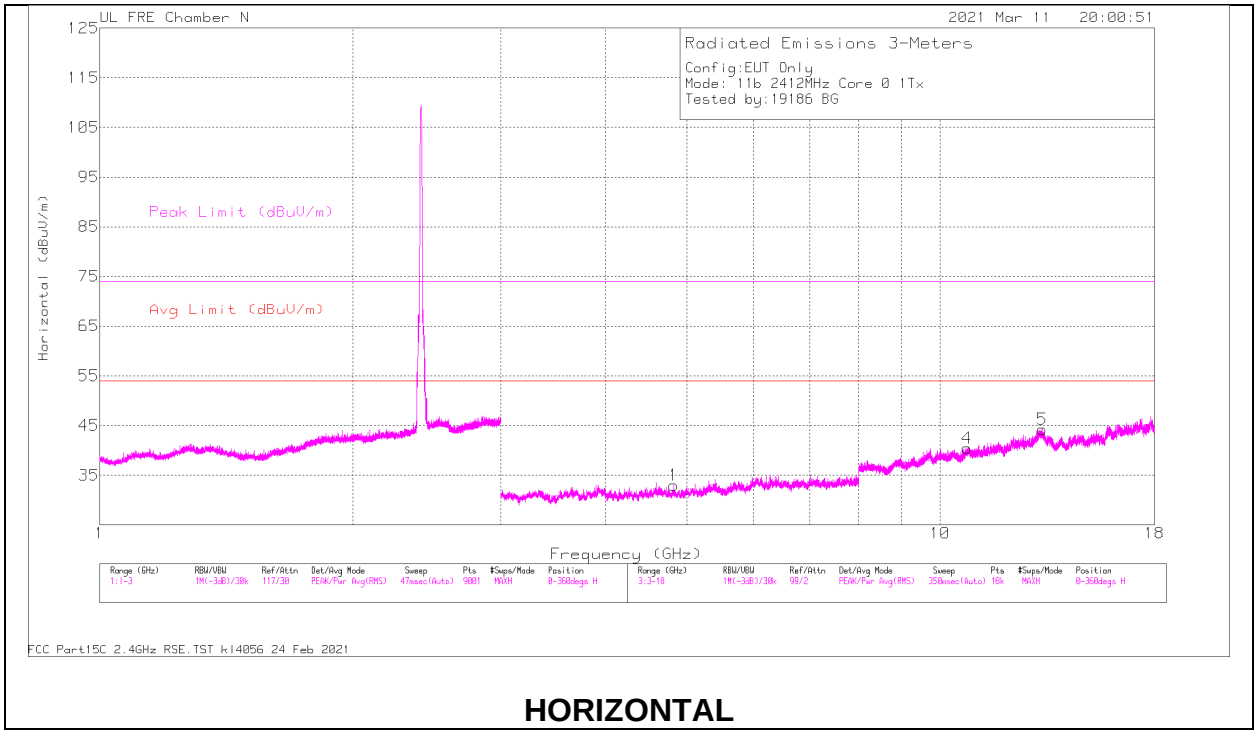
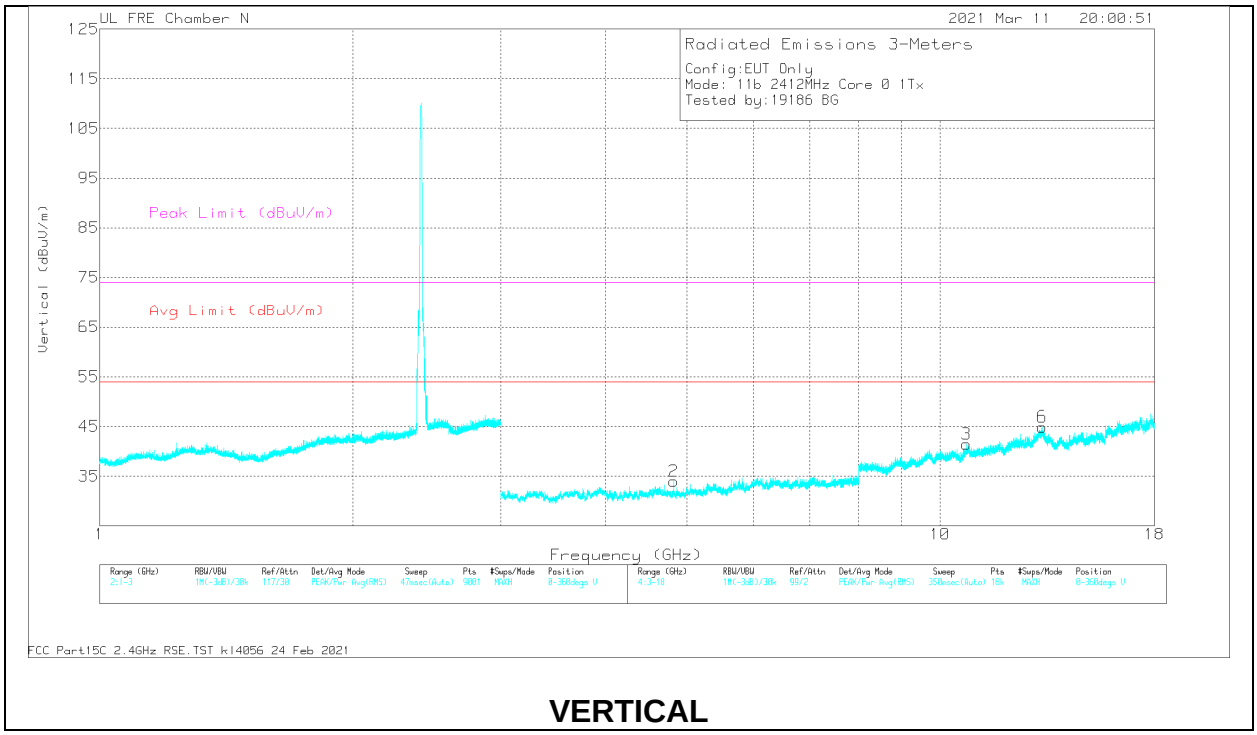
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Range 3: Horizontal 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3971 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.82372	53.25	PK2	34.1	-42.8	44.55	-	-	74	-29.45	342	167	H
	* 4.8215	40.96	MAv1	34.1	-42.8	32.26	54	-21.74	-	-	342	167	H
4	* 10.7735	51.01	PK2	37.9	-38.8	50.11	-	-	74	-23.89	355	100	H
	* 10.7768	39.75	MAv1	37.8	-38.9	38.65	54	-15.35	-	-	355	100	H
5	13.2369	50.28	PK2	39.2	-35.2	54.28	-	-	-	-	250	100	H

Range 4: Vertical 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3971 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.82388	54.59	PK2	34.1	-42.8	45.89	-	-	74	-28.11	256	311	V
	* 4.8224	41.2	MAv1	34.1	-42.8	32.5	54	-21.5	-	-	256	311	V
3	* 10.7539	51.43	PK2	37.9	-38.5	50.83	-	-	74	-23.17	205	199	V
	* 10.7520	39.61	MAv1	37.9	-38.5	39.01	54	-14.99	-	-	205	199	V
6	13.23474	50.99	PK2	39.2	-35.2	54.99	-	-	-	-	275	200	V

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

PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

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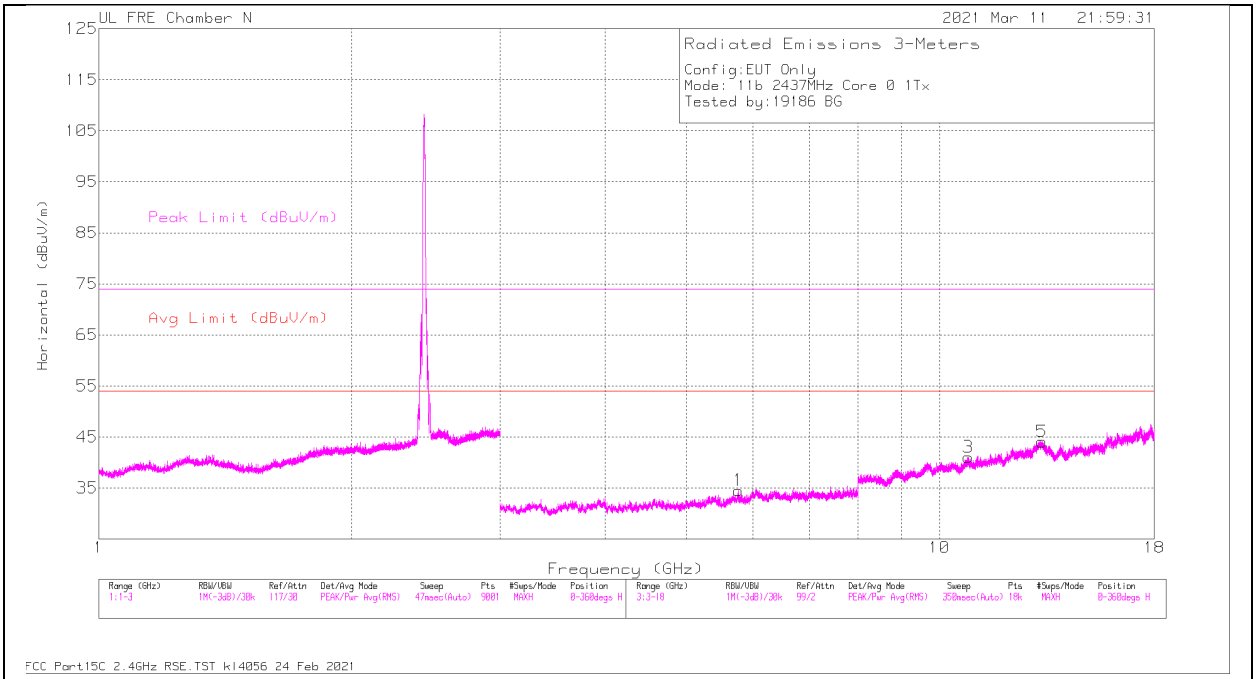
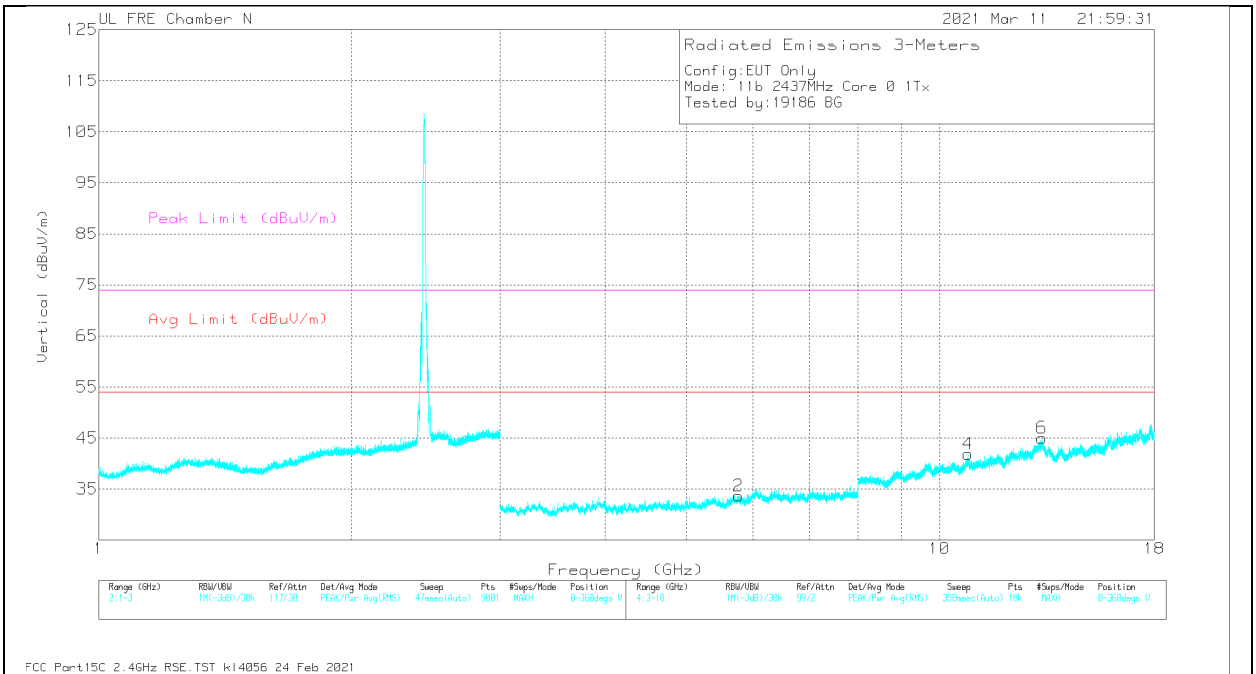
MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Range 3: Horizontal 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3971 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.7686	53.07	PK2	34.7	-41.7	46.07	-	-	-	-	255	100	H
3	* 10.81687	51.25	PK2	37.8	-38.3	50.75	-	-	74	-23.25	325	100	H
	* 10.81642	39.74	MAv1	37.8	-38.3	39.24	54	-14.76	-	-	325	100	H
5	13.23373	50.91	PK2	39.2	-35.2	54.91	-	-	-	-	345	100	H

Range 4: Vertical 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3971 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.76914	52.65	PK2	34.7	-41.7	45.65	-	-	-	-	235	201	V
4	* 10.80817	51.33	PK2	37.8	-38.3	50.83	-	-	74	-23.17	275	200	V
	* 10.80806	39.67	MAv1	37.8	-38.3	39.17	54	-14.83	-	-	275	200	V
6	13.23217	51.07	PK2	39.2	-35.2	55.07	-	-	-	-	245	200	V

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

PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

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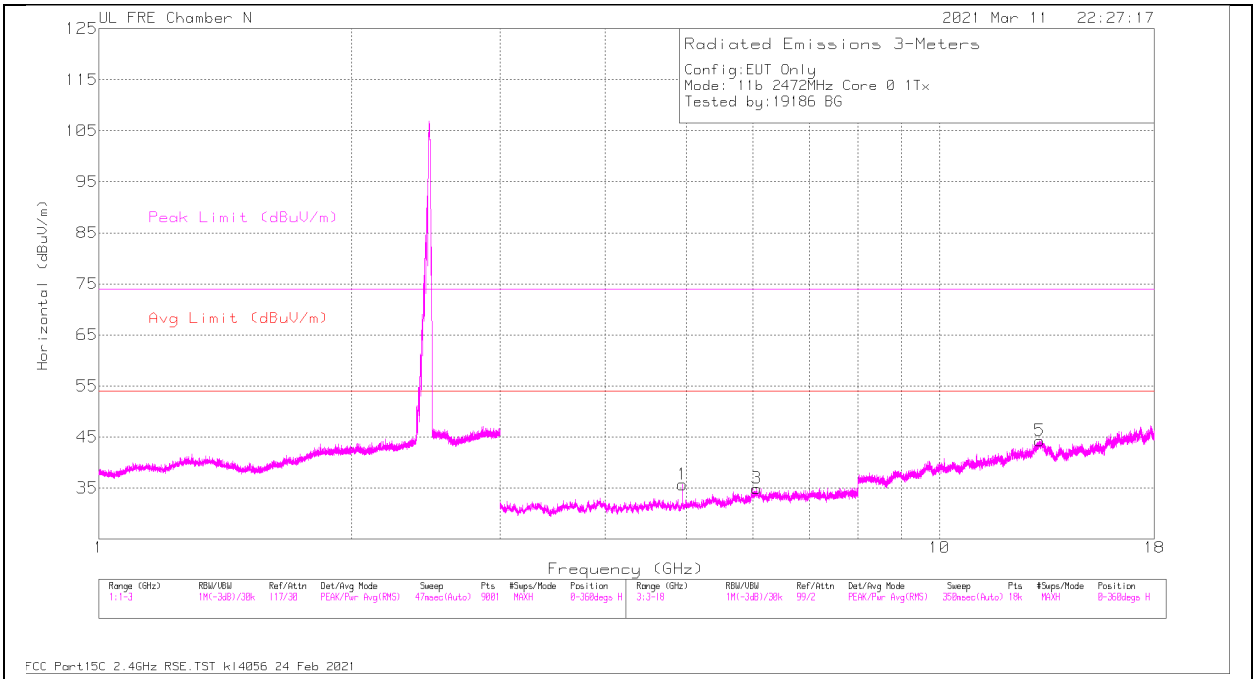
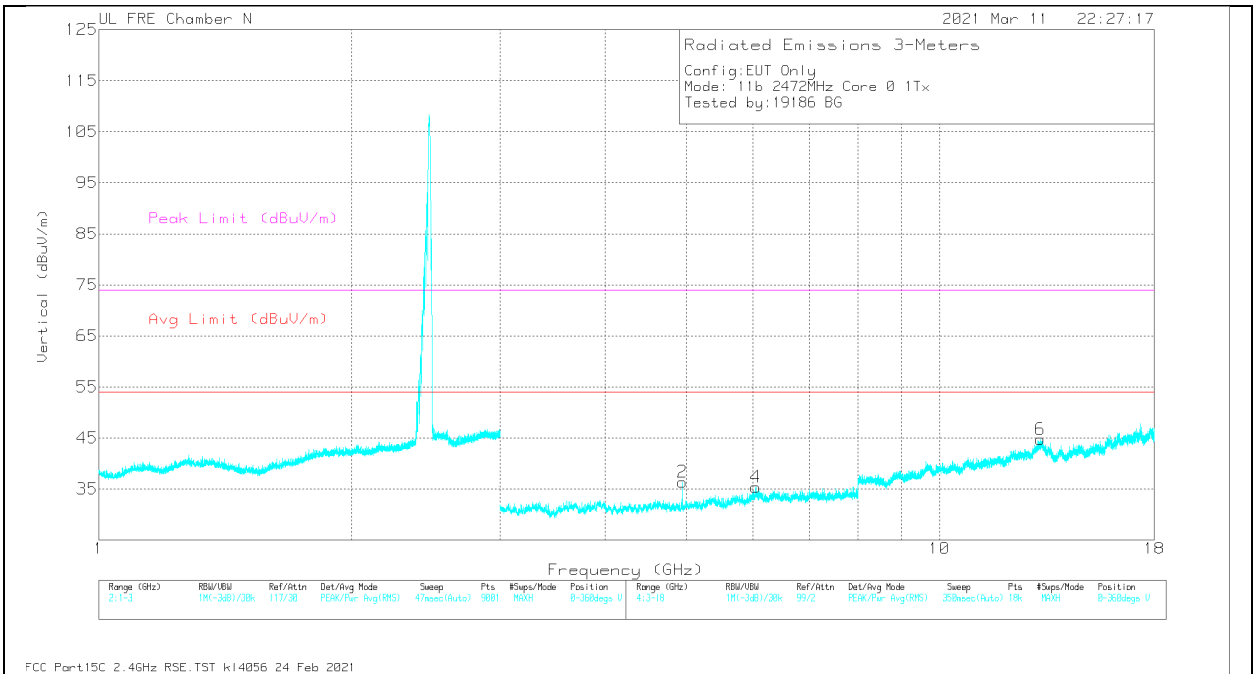
HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Range 3: Horizontal 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3971 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.94406	53.22	PK2	34	-43	44.22	-	-	74	-29.78	343	392	H
	* 4.94192	41.64	MAv1	34	-43	32.64	54	-21.36	-	-	343	392	H
3	6.05718	51.57	PK2	35.5	-40.6	46.47	-	-	-	-	0	100	H
5	13.15704	50.6	PK2	39.3	-35.7	54.2	-	-	-	-	0	100	H

Range 4: Vertical 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3971 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.94448	53.28	PK2	34	-43	44.28	-	-	74	-29.72	227	168	V
	* 4.94372	41.43	MAv1	34	-43	32.43	54	-21.57	-	-	227	168	V
4	6.04632	52.11	PK2	35.4	-40.5	47.01	-	-	-	-	125	201	V
6	13.17586	50.85	PK2	39.2	-35.9	54.15	-	-	-	-	125	200	V

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

PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

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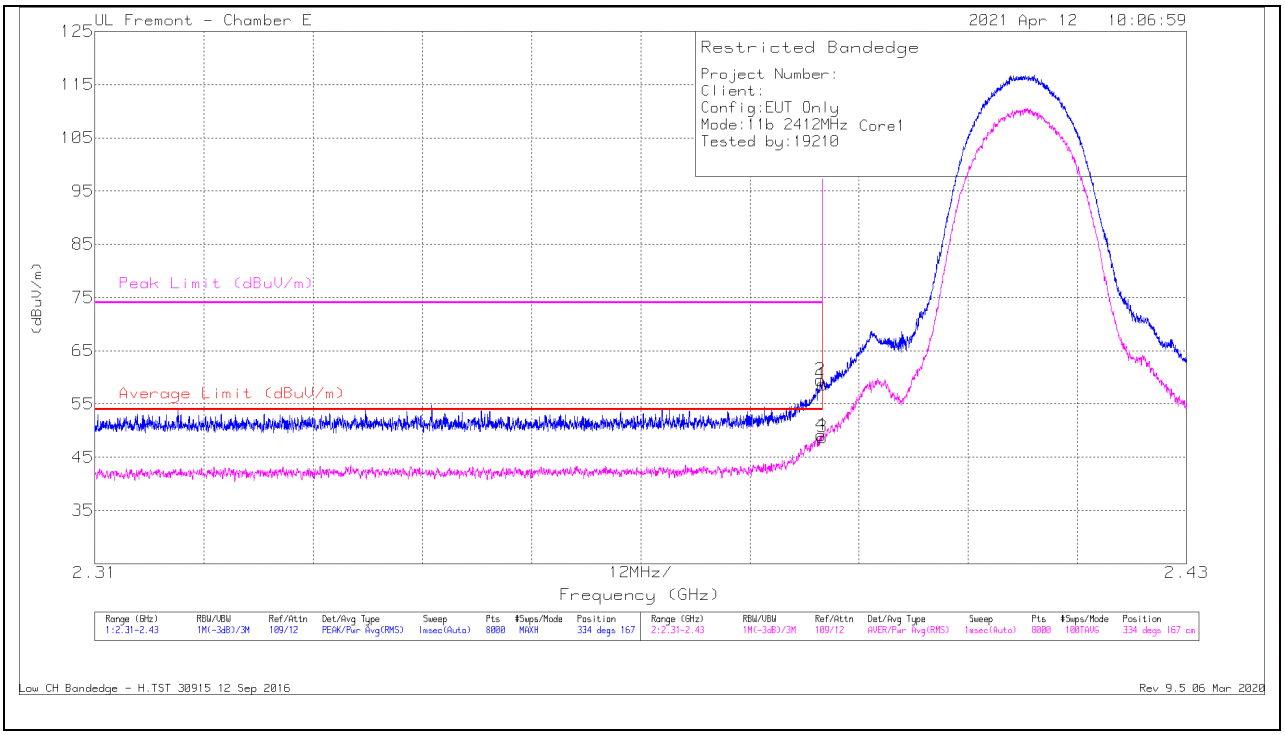
1TX ANT 3 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.38975	44.94	Pk	32.2	-17.6	59.54	-	-	74	-14.46	334	167	H
4	* 2.38981	34.55	RMS	32.2	-17.6	49.15	54	-4.85	-	-	334	167	H
1	* 2.38999	44.08	Pk	32.2	-17.6	58.68	-	-	74	-15.32	334	167	H
3	* 2.38999	34.15	RMS	32.2	-17.6	48.75	54	-5.25	-	-	334	167	H

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

Pk - Peak detector
RMS - RMS detection

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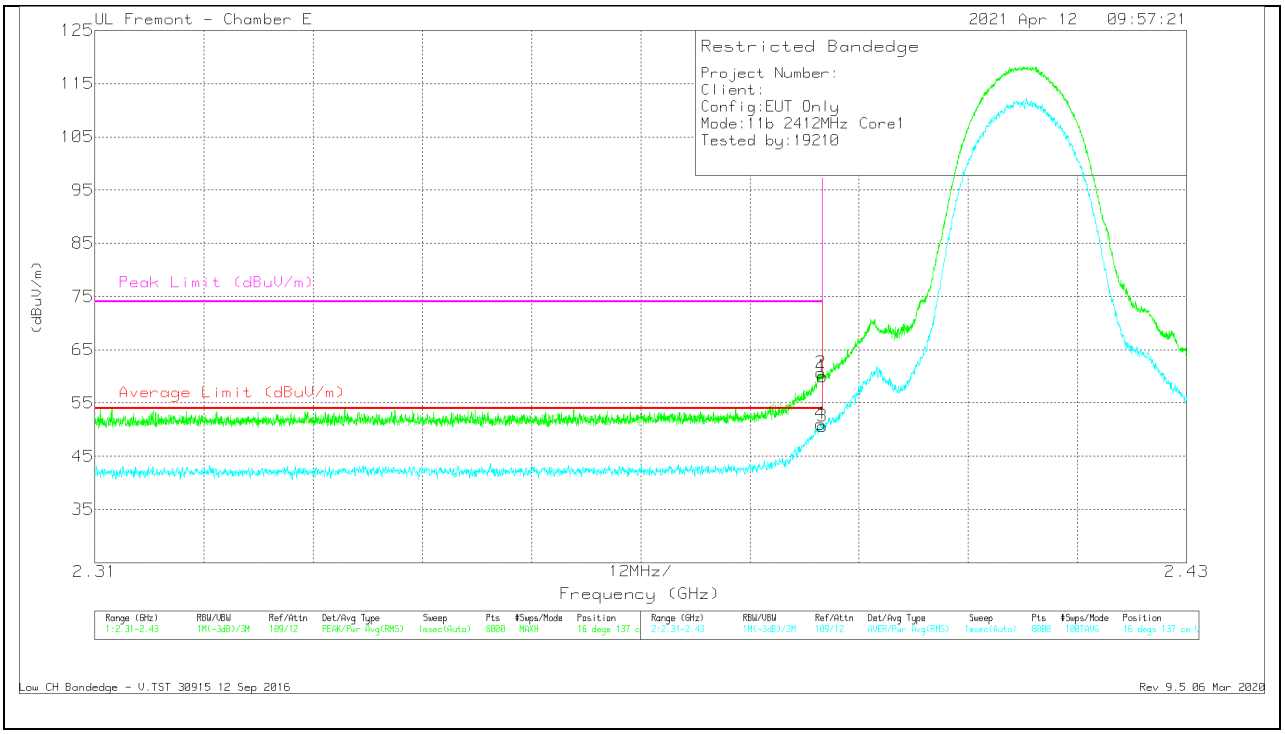
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	45.43	Pk	32.2	-17.6	60.03	-	-	74	-13.97	16	137	V
2	* 2.38981	46.06	Pk	32.2	-17.6	60.66	-	-	74	-13.34	16	137	V
3	* 2.38999	36.04	RMS	32.2	-17.6	50.64	54	-3.36	-	-	16	137	V
4	* 2.38978	36.47	RMS	32.2	-17.6	51.07	54	-2.93	-	-	16	137	V

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

Pk - Peak detector
RMS - RMS detection

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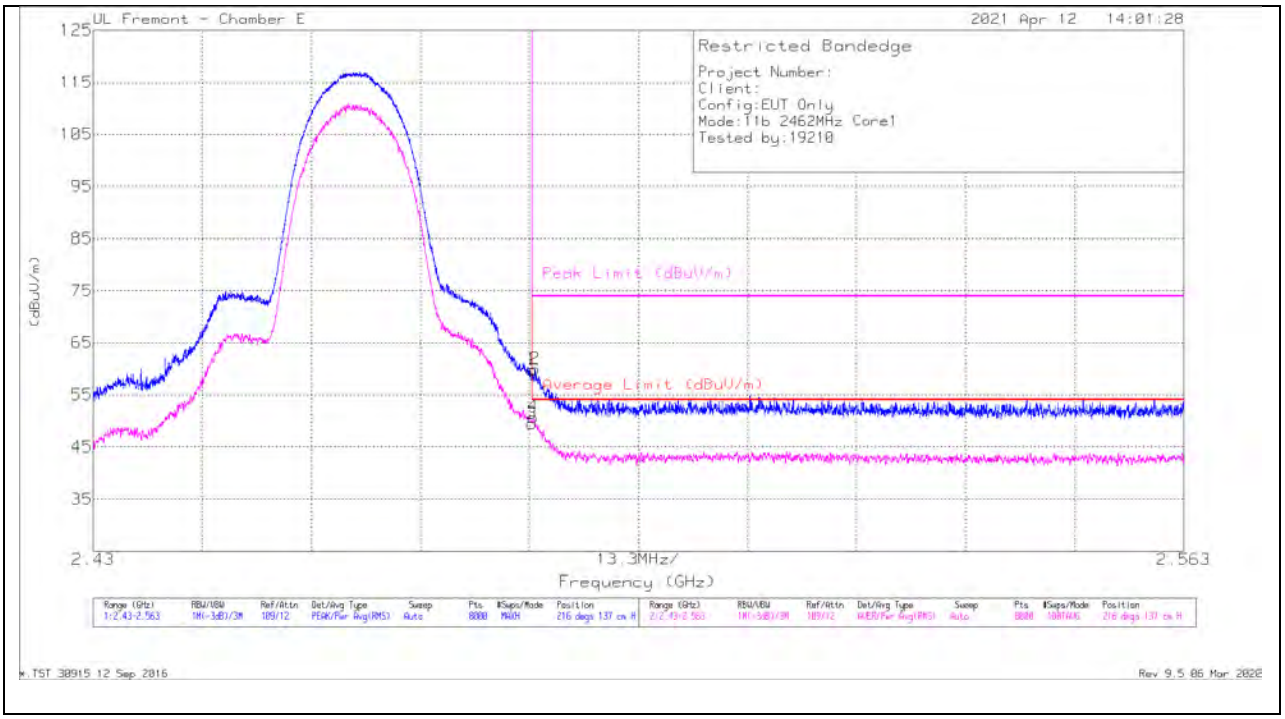
BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	44.96	Pk	32.6	-17.7	59.86	-	-	74	-14.14	216	137	H
2	* 2.4839	45.11	Pk	32.6	-17.7	60.01	-	-	74	-13.99	216	137	H
3	* 2.48351	34.65	RMS	32.6	-17.7	49.55	54	-4.45	-	-	216	137	H
4	* 2.48366	35.86	RMS	32.6	-17.7	50.76	54	-3.24	-	-	216	137	H

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

Pk - Peak detector
RMS - RMS detection

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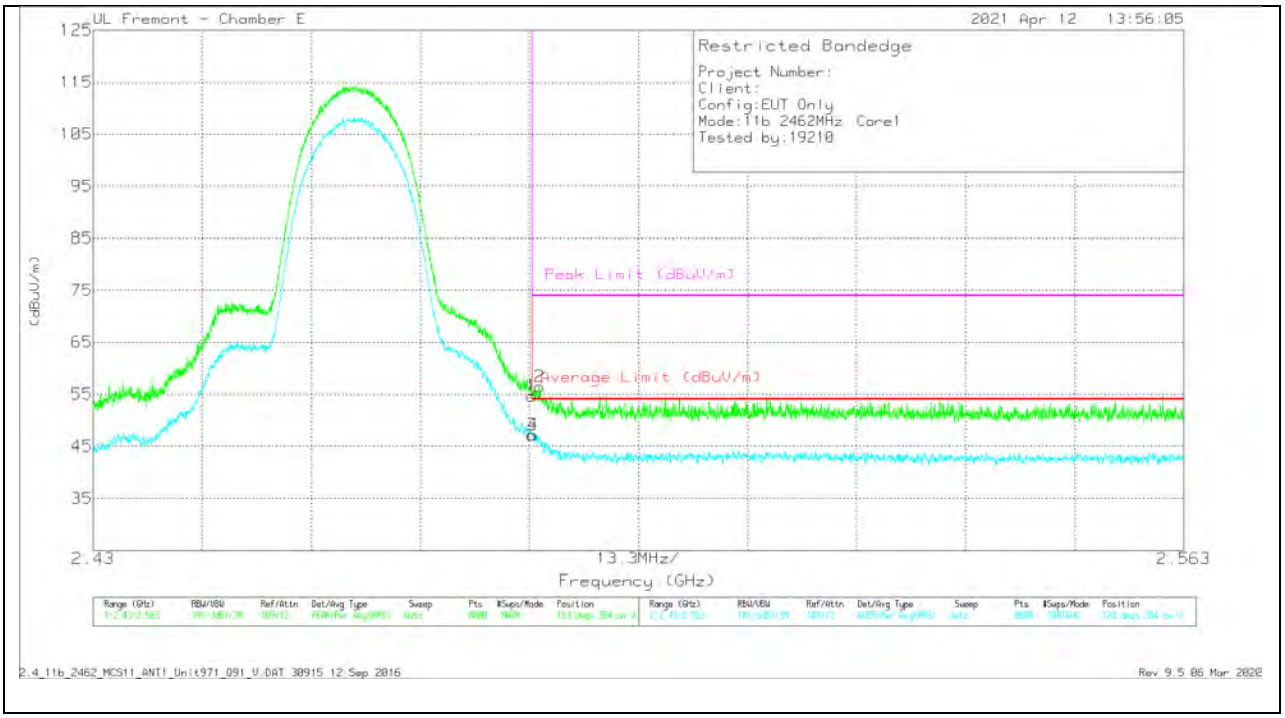
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	39.75	Pk	32.6	-17.7	54.65	-	-	74	-19.35	183	384	V
2	* 2.48444	41.63	Pk	32.6	-17.7	56.53	-	-	74	-17.47	183	384	V
3	* 2.48351	32.26	RMS	32.6	-17.7	47.16	54	-6.84	-	-	183	384	V
4	* 2.48369	32.3	RMS	32.6	-17.7	47.2	54	-6.8	-	-	183	384	V

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

Pk - Peak detector
RMS - RMS detection

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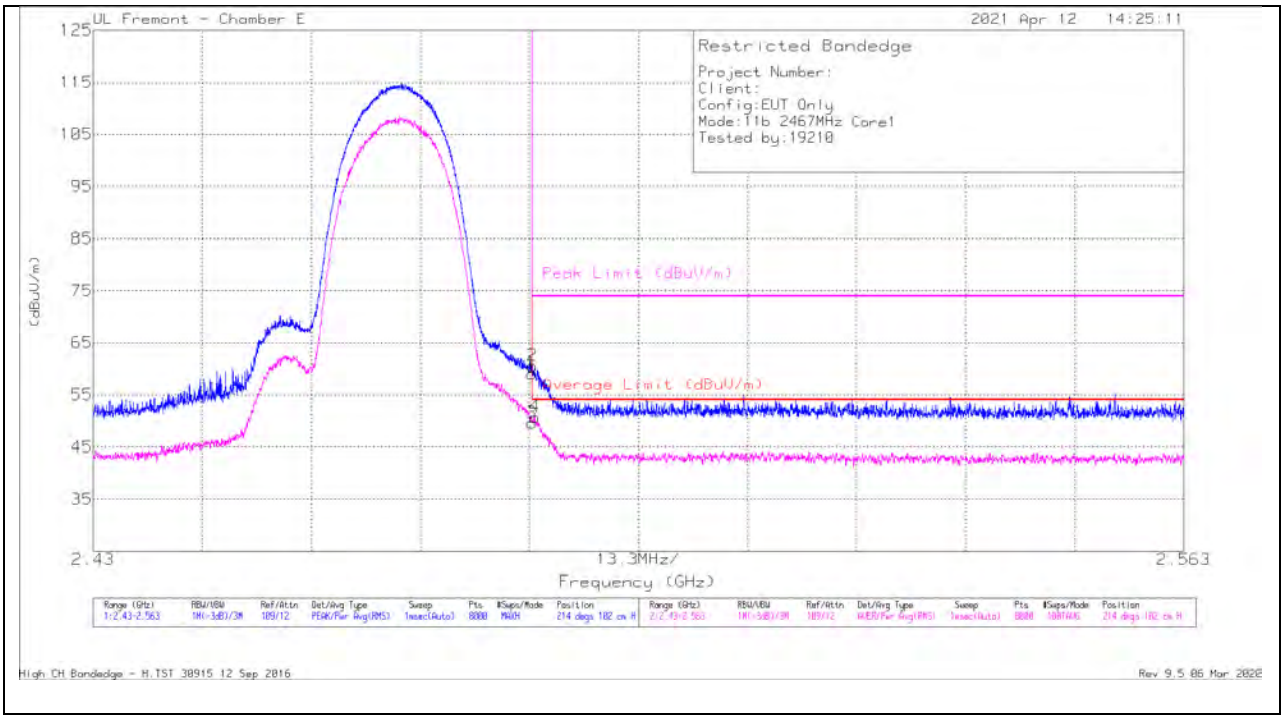
BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	44.16	Pk	32.6	-17.7	59.06	-	-	74	-14.94	214	102	H
2	* 2.48359	45.67	Pk	32.6	-17.7	60.57	-	-	74	-13.43	214	102	H
3	* 2.48351	34.7	RMS	32.6	-17.7	49.6	54	-4.4	-	-	214	102	H
4	* 2.48385	35.84	RMS	32.6	-17.7	50.74	54	-3.26	-	-	214	102	H

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

Pk - Peak detector
RMS - RMS detection

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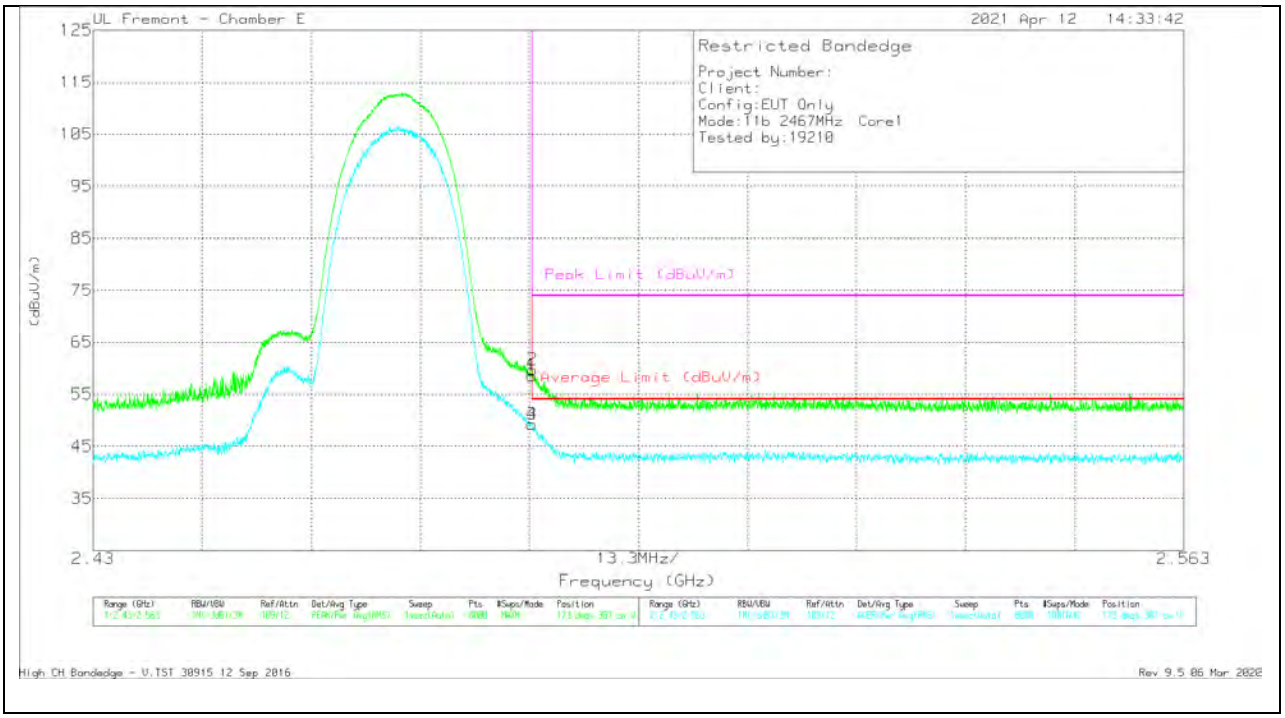
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.68	Pk	32.6	-17.7	58.58	-	-	74	-15.42	173	387	V
2	* 2.48357	44.84	Pk	32.6	-17.7	59.74	-	-	74	-14.26	173	387	V
3	* 2.48351	34.36	RMS	32.6	-17.7	49.26	54	-4.74	-	-	173	387	V
4	* 2.48352	34.37	RMS	32.6	-17.7	49.27	54	-4.73	-	-	173	387	V

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

Pk - Peak detector
RMS - RMS detection

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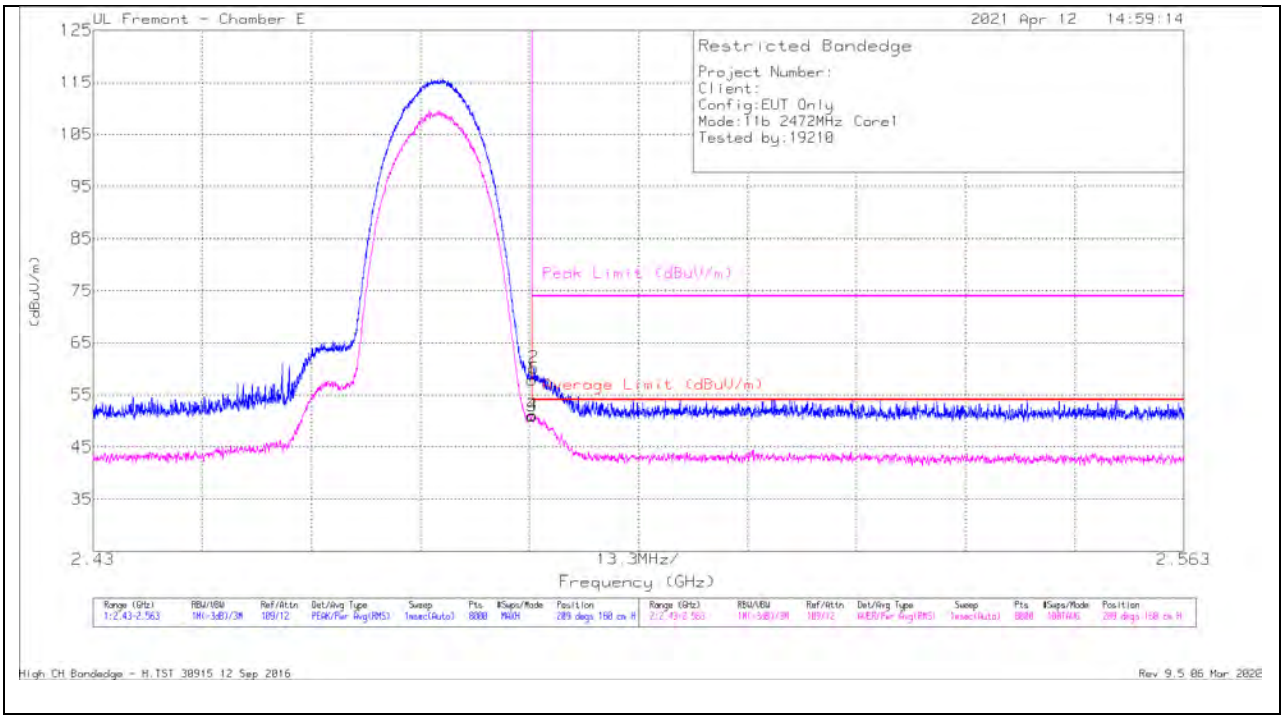
BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	42.97	Pk	32.6	-17.7	57.87	-	-	74	-16.13	209	160	H
2	* 2.48376	45.34	Pk	32.6	-17.7	60.24	-	-	74	-13.76	209	160	H
3	* 2.48351	36.13	RMS	32.6	-17.7	51.03	54	-2.97	-	-	209	160	H
4	* 2.48357	36.21	RMS	32.6	-17.7	51.11	54	-2.89	-	-	209	160	H

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

Pk - Peak detector
RMS - RMS detection

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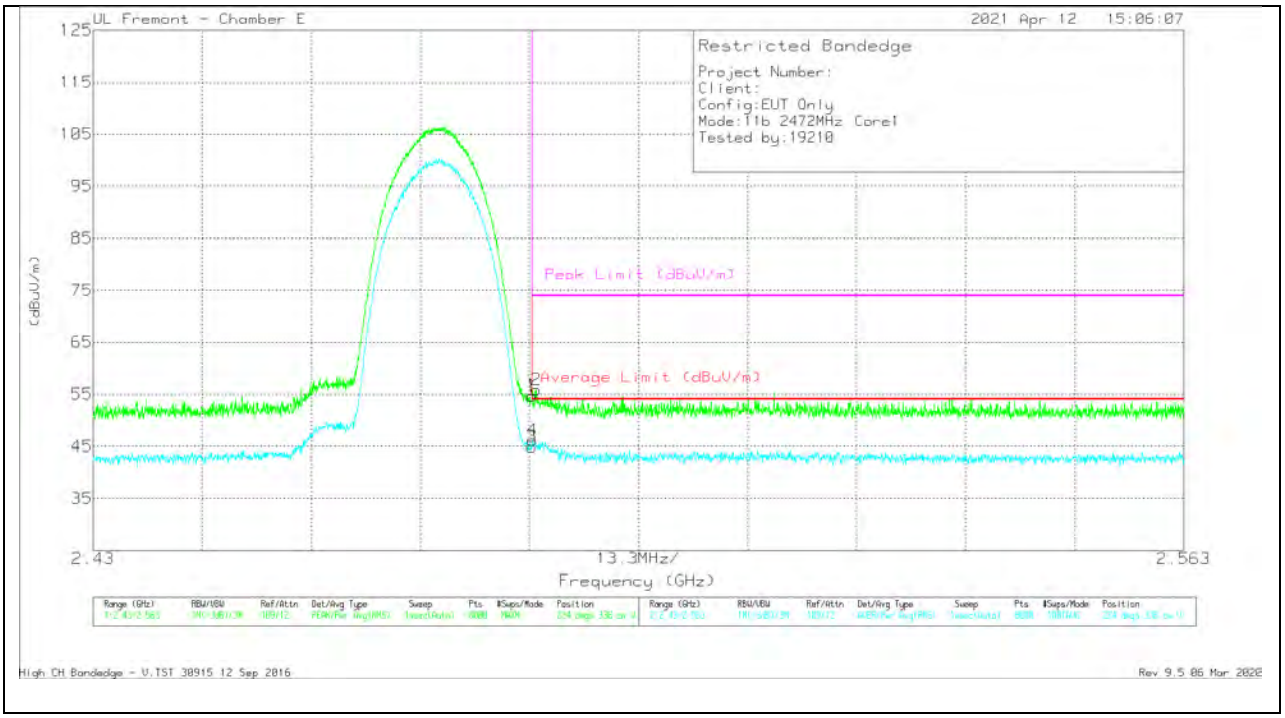
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	39.78	Pk	32.6	-17.7	54.68	-	-	74	-19.32	224	338	V
3	* 2.48351	30.03	RMS	32.6	-17.7	44.93	54	-9.07	-	-	224	338	V
4	* 2.48361	31.22	RMS	32.6	-17.7	46.12	54	-7.88	-	-	224	338	V
2	* 2.48402	40.96	Pk	32.6	-17.7	55.86	-	-	74	-18.14	224	338	V

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

Pk - Peak detector
RMS - RMS detection

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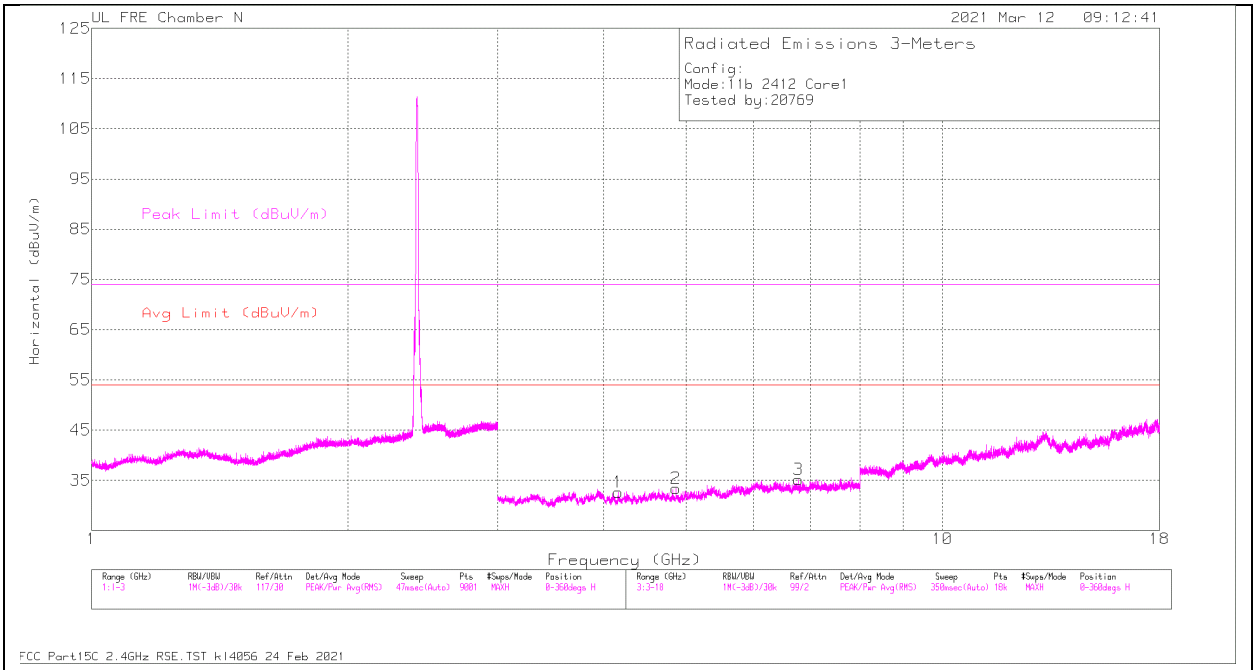
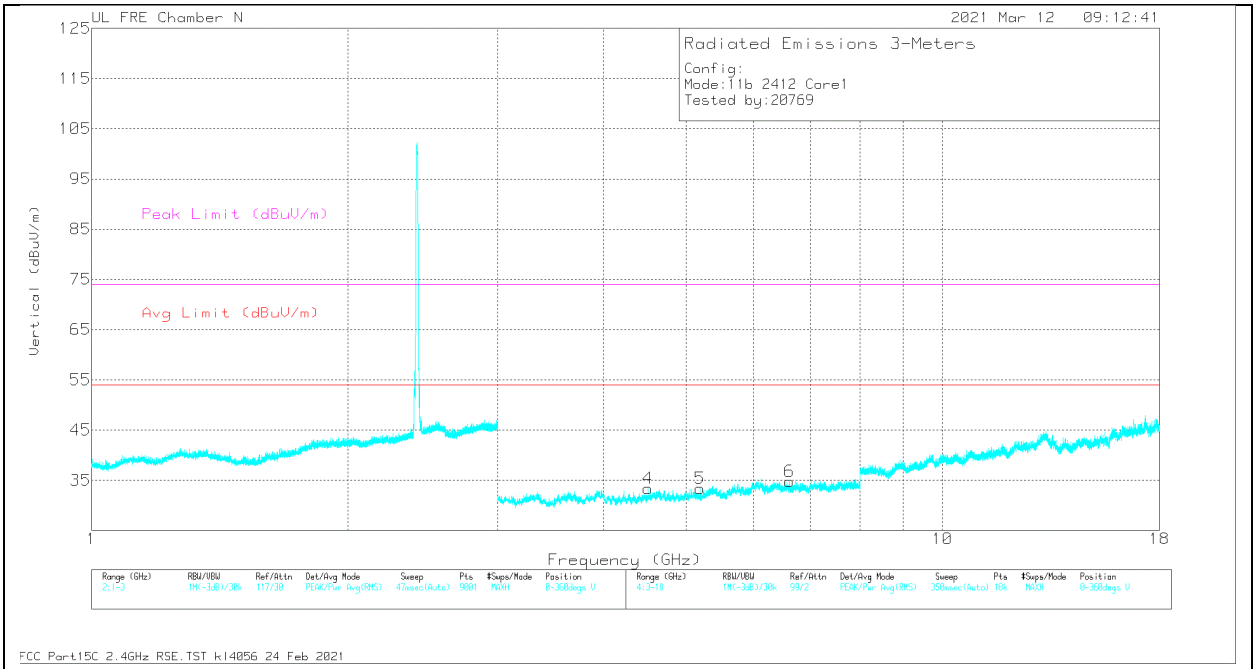
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Range 3: Horizontal 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	4.15844	53.61	PK2	33.5	-43.5	43.61	-	-	74	-30.39	297	257	H
	4.16196	41.8	MAv1	33.5	-43.4	31.9	54	-22.1	-	-	297	257	H
2	4.86157	53.06	PK2	34.1	-42.9	44.26	-	-	74	-29.74	90	153	H
	4.86276	41.25	MAv1	34.1	-42.9	32.45	54	-21.55	-	-	90	153	H
3	6.7785	51.15	PK2	35.6	-40.7	46.05	-	-	-	-	64	321	H
	6.7751	39.52	MAv1	35.7	-40.6	34.62	-	-	-	-	64	321	H

Range 4: Vertical 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	4.50845	53.17	PK2	34	-43.3	43.87	-	-	74	-30.13	232	306	V
	4.50978	41.82	MAv1	34	-43.3	32.52	54	-21.48	-	-	232	306	V
5	5.19138	52.36	PK2	34.4	-42.6	44.16	-	-	-	-	116	161	V
	5.1924	40.52	MAv1	34.4	-42.6	32.32	-	-	-	-	116	161	V
6	6.60743	51.35	PK2	35.6	-41.2	45.75	-	-	-	-	93	154	V
	6.60794	39.38	MAv1	35.6	-41.2	33.78	-	-	-	-	93	154	V

PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

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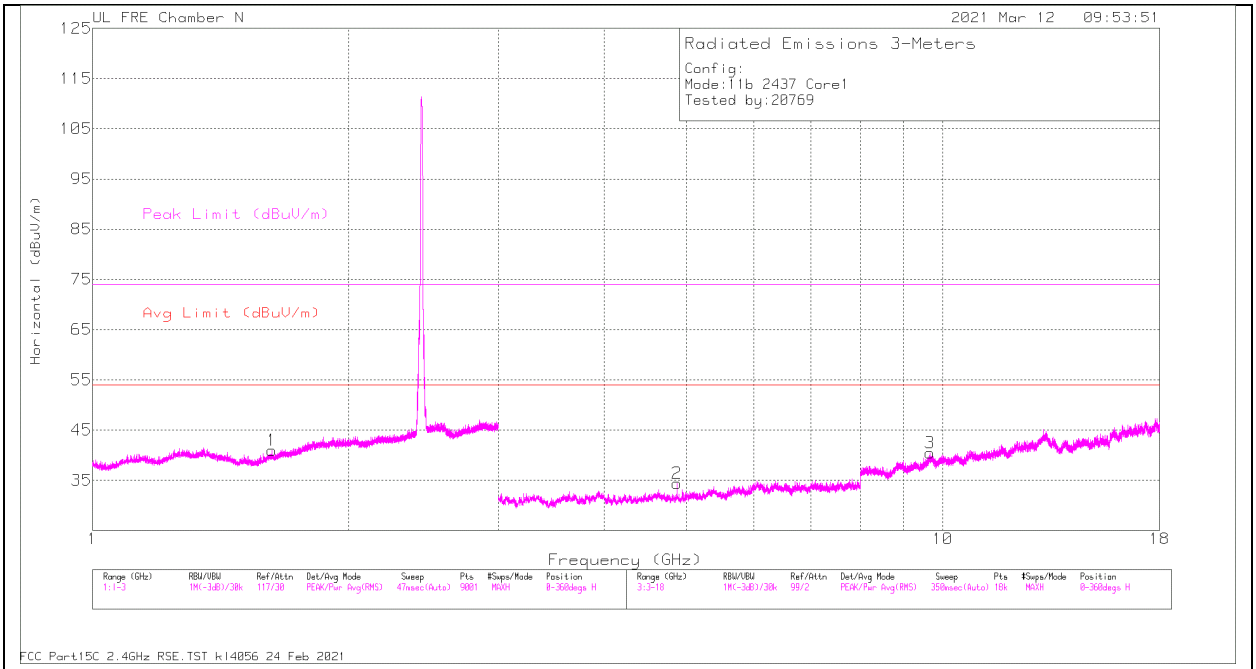
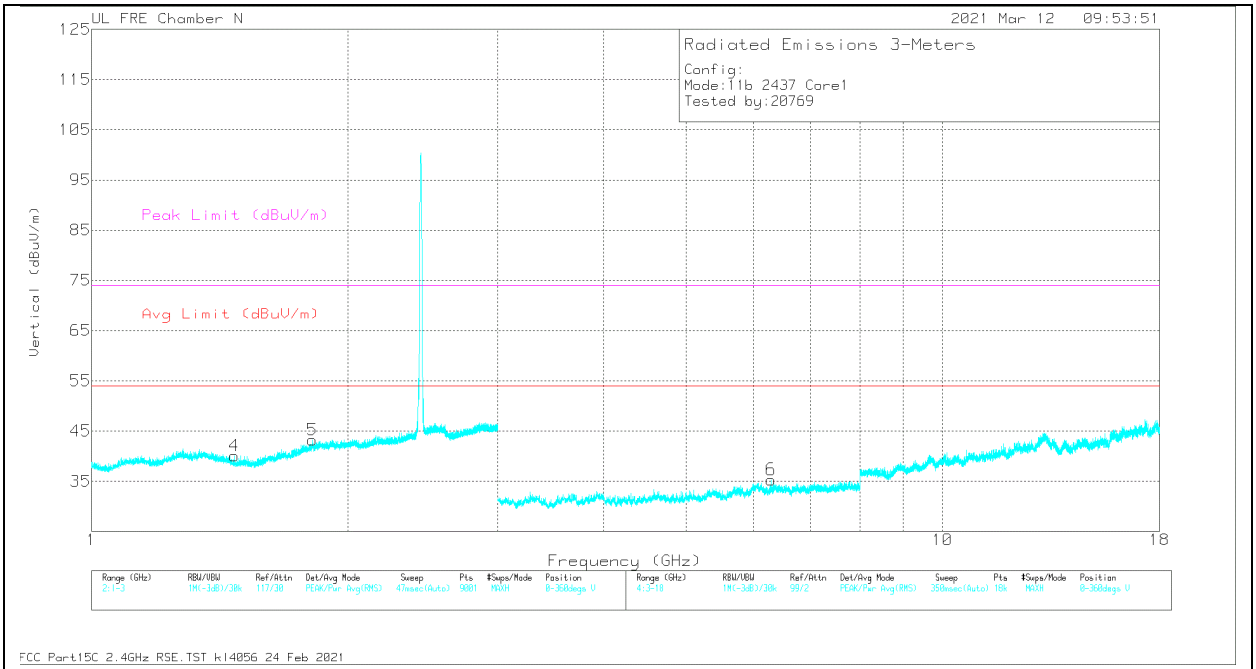
MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Range 1: Horizontal 1000 - 3000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.62373	58.74	PK2	28.5	-37.2	50.04	-	-	74	-23.96	3	358	H
	1.62448	47.25	MAv1	28.5	-37.2	38.55	54	-15.45	-	-	3	358	H

Range 2: Vertical 1000 - 3000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.47048	59.04	PK2	27.6	-37.1	49.54	-	-	74	-24.46	253	338	V
	1.47108	47.15	MAv1	27.6	-37.1	37.65	54	-16.35	-	-	253	338	V
5	1.81576	59.33	PK2	30.7	-37.1	52.93	-	-	-	-	131	135	V
	1.81497	46.93	MAv1	30.6	-37.1	40.43	-	-	-	-	131	135	V

Range 3: Horizontal 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	4.87417	53.77	PK2	34.1	-43.1	44.77	-	-	74	-29.23	305	373	H
	4.87423	41.65	MAv1	34.1	-43.1	32.65	54	-21.35	-	-	305	373	H
3	9.65745	51.96	PK2	37	-39.2	49.76	-	-	-	-	58	255	H
	9.65685	40.04	MAv1	37	-39.2	37.84	-	-	-	-	58	255	H

Range 4: Vertical 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	6.28517	51.61	PK2	35.5	-41.2	45.91	-	-	-	-	352	342	V
	6.28868	40.02	MAv1	35.5	-41.3	34.22	-	-	-	-	352	342	V

PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

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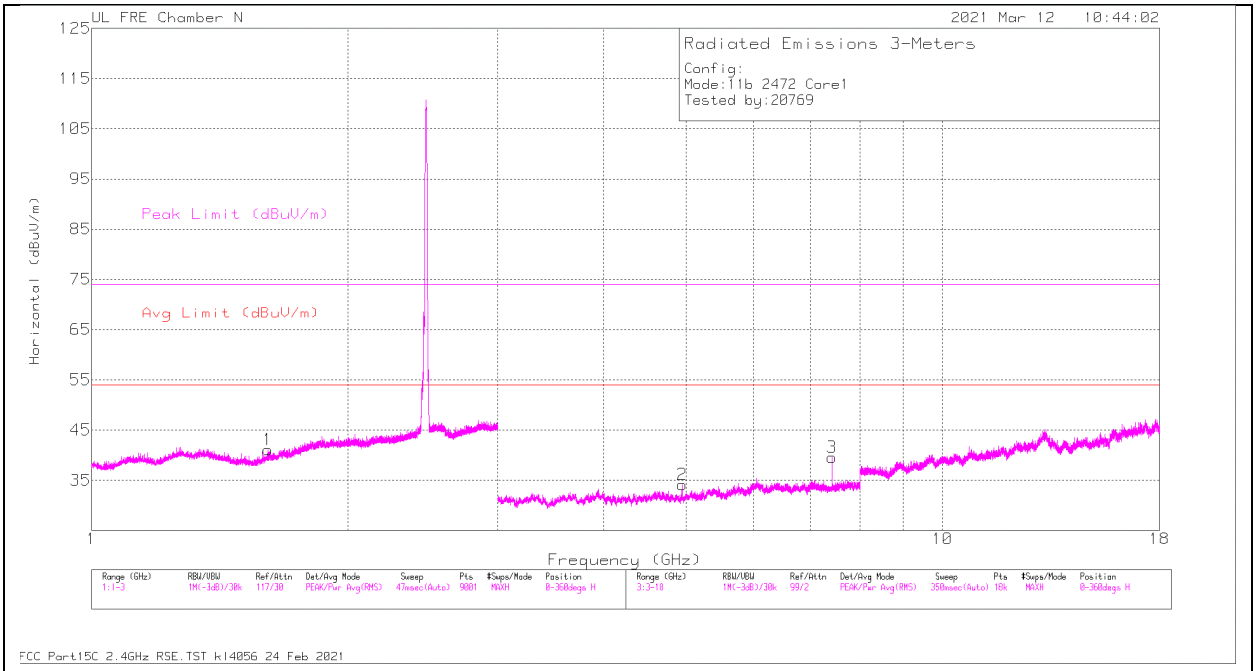
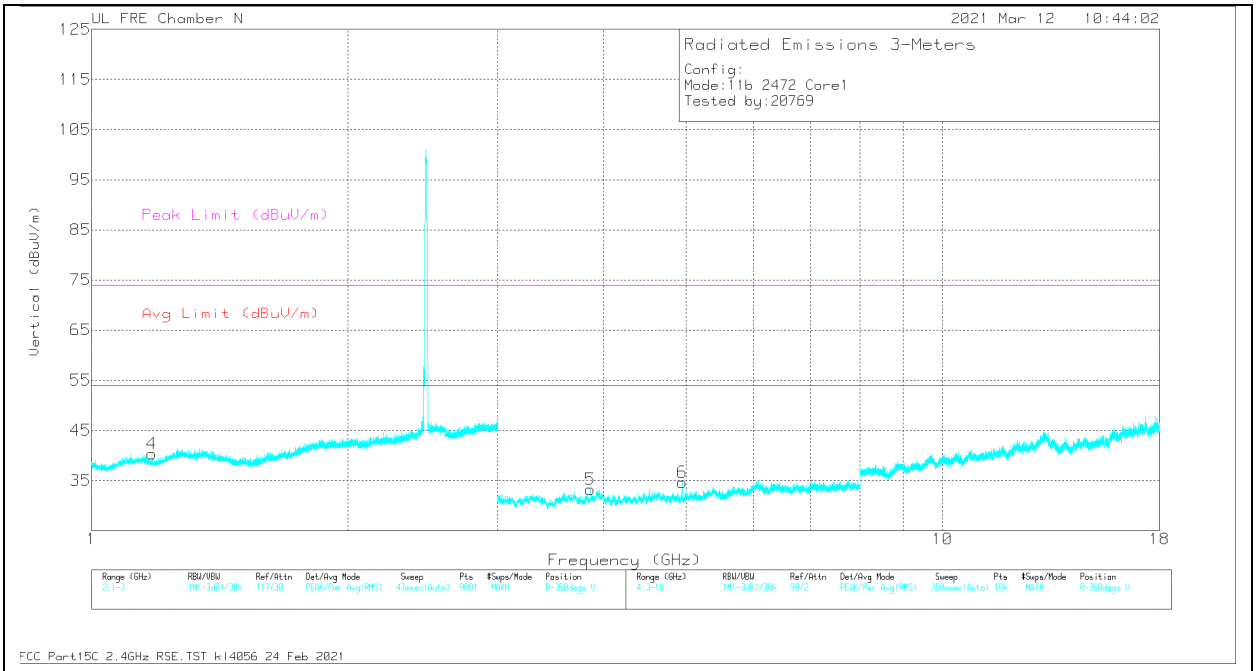
HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Range 1: Horizontal 1000 - 3000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.60943	58.98	PK2	28.5	-37.2	50.28	-	-	74	-23.72	193	318	H
	1.61057	47.2	MAv1	28.5	-37.2	38.5	54	-15.5	-	-	193	318	H

Range 2: Vertical 1000 - 3000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.17723	59.14	PK2	27.7	-37.5	49.34	-	-	74	-24.66	268	270	V
	1.17468	47.22	MAv1	27.7	-37.5	37.42	54	-16.58	-	-	268	270	V

Range 3: Horizontal 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	4.94402	53.68	PK2	34	-43	44.68	-	-	74	-29.32	184	179	H
	4.94402	42.23	MAv1	34	-43	33.23	54	-20.77	-	-	184	179	H
3	7.41849	58.87	PK2	35.8	-40.8	53.87	-	-	74	-20.13	232	190	H
	7.41753	39.67	MAv1	35.8	-40.8	34.67	54	-19.33	-	-	232	190	H

Range 4: Vertical 3000 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02139 71 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	3.8551	53.8	PK2	33.6	-43.7	43.7	-	-	74	-30.3	69	380	V
	3.85656	42.2	MAv1	33.6	-43.7	32.1	54	-21.9	-	-	69	380	V
6	4.94435	53.75	PK2	34	-43	44.75	-	-	74	-29.25	272	248	V
	4.94359	41.76	MAv1	34	-43	32.76	54	-21.24	-	-	272	248	V

PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

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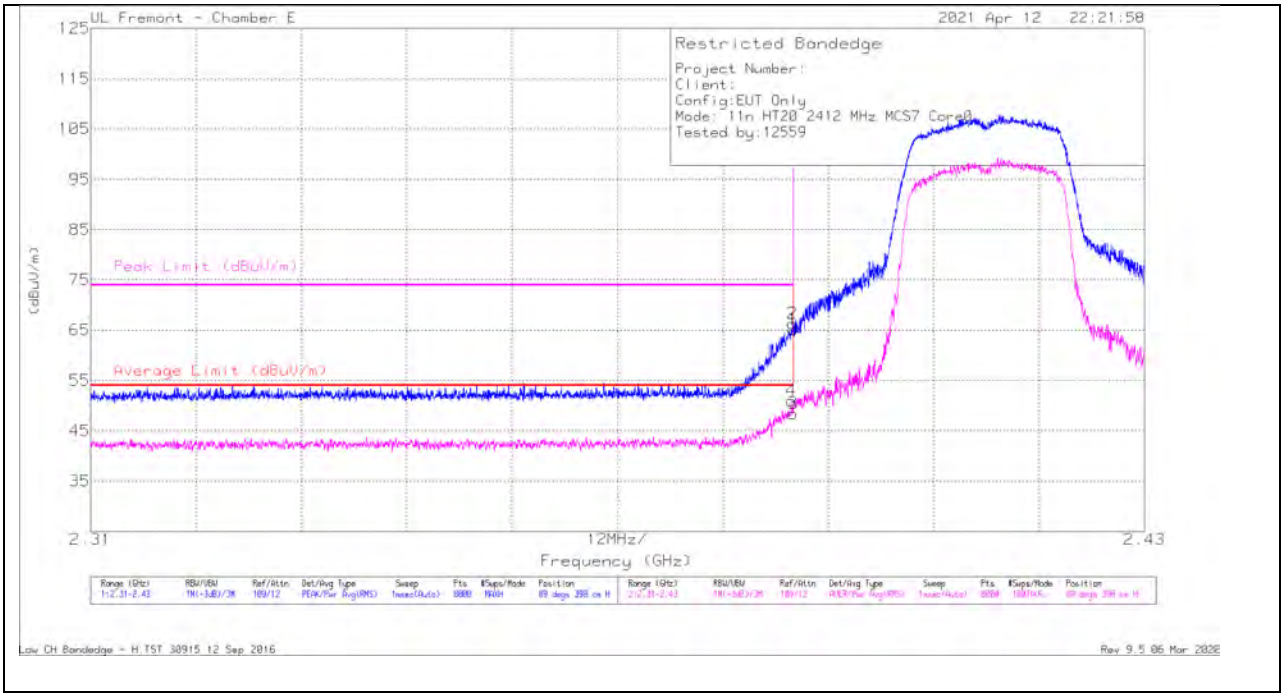
10.1.2. 11n HT20 SISO MODE

1TX ANT 4 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	50.43	Pk	32.2	-17.6	0	65.03	-	-	74	-8.97	89	398	H
2	* 2.38993	51.71	Pk	32.2	-17.6	0	66.31	-	-	74	-7.69	89	398	H
3	* 2.38999	33.63	RMS	32.2	-17.6	.4	48.63	54	-5.37	-	-	89	398	H
4	* 2.38978	36.15	RMS	32.2	-17.6	.4	51.15	54	-2.85	-	-	89	398	H

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

Pk - Peak detector
RMS - RMS detection

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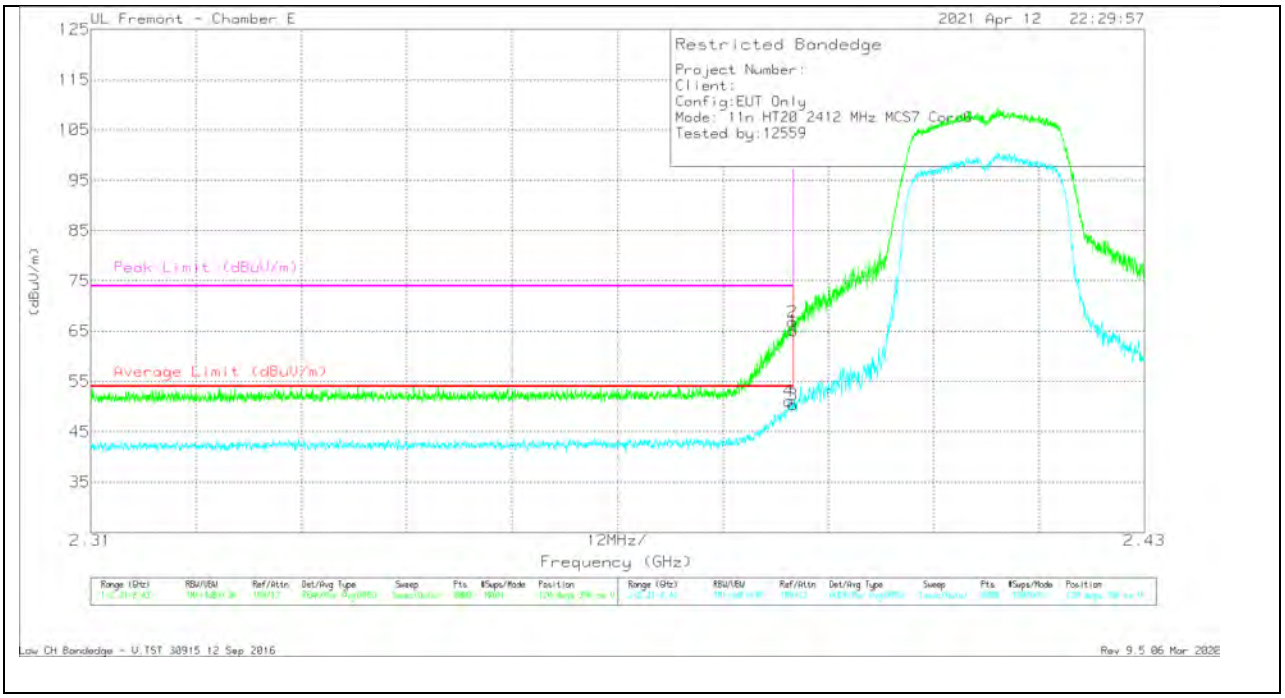
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	50.45	Pk	32.2	-17.6	0	65.05	-	-	74	-8.95	120	398	V
2	* 2.3899	52.2	Pk	32.2	-17.6	0	66.8	-	-	74	-7.2	120	398	V
3	* 2.38999	35.51	RMS	32.2	-17.6	.4	50.51	54	-3.49	-	-	120	398	V
4	* 2.38948	36.28	RMS	32.2	-17.6	.4	51.28	54	-2.72	-	-	120	398	V

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

Pk - Peak detector
RMS - RMS detection

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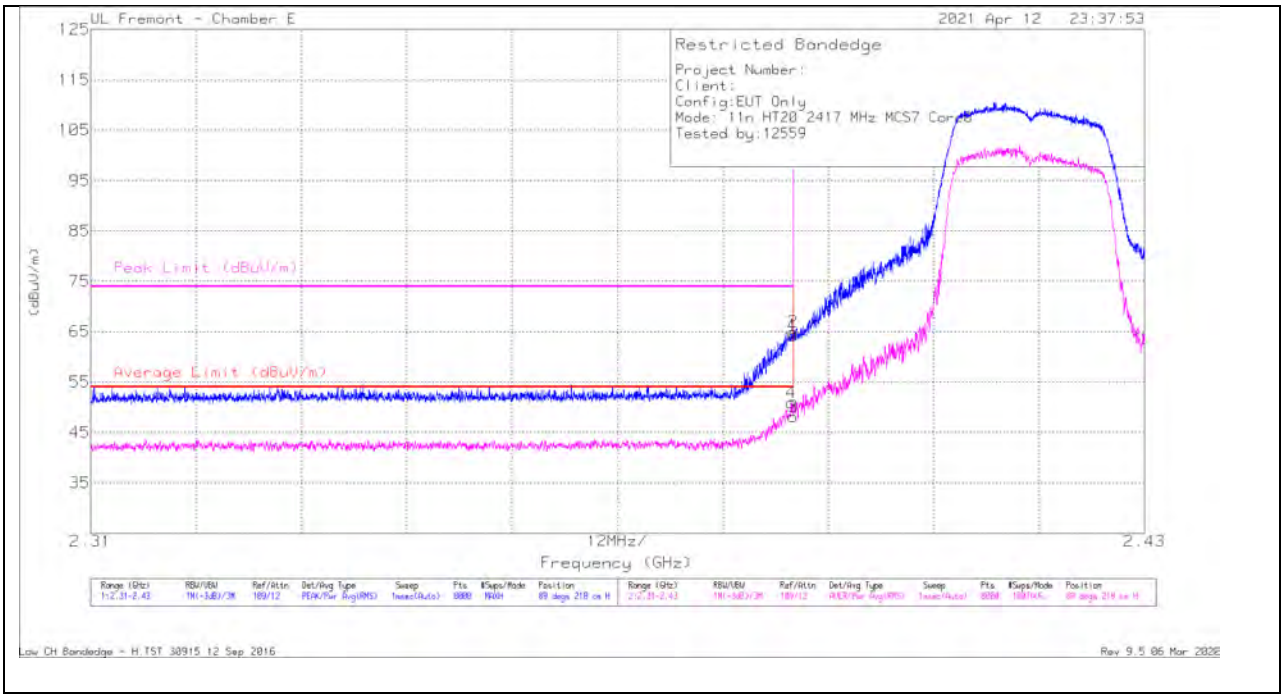
BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	49.68	Pk	32.2	-17.6	0	64.28	-	-	74	-9.72	89	218	H
2	* 2.38998	50.31	Pk	32.2	-17.6	0	64.91	-	-	74	-9.09	89	218	H
3	* 2.38999	33.33	RMS	32.2	-17.6	.4	48.33	54	-5.67	-	-	89	218	H
4	* 2.38975	36.02	RMS	32.2	-17.6	.4	51.02	54	-2.98	-	-	89	218	H

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

Pk - Peak detector
RMS - RMS detection

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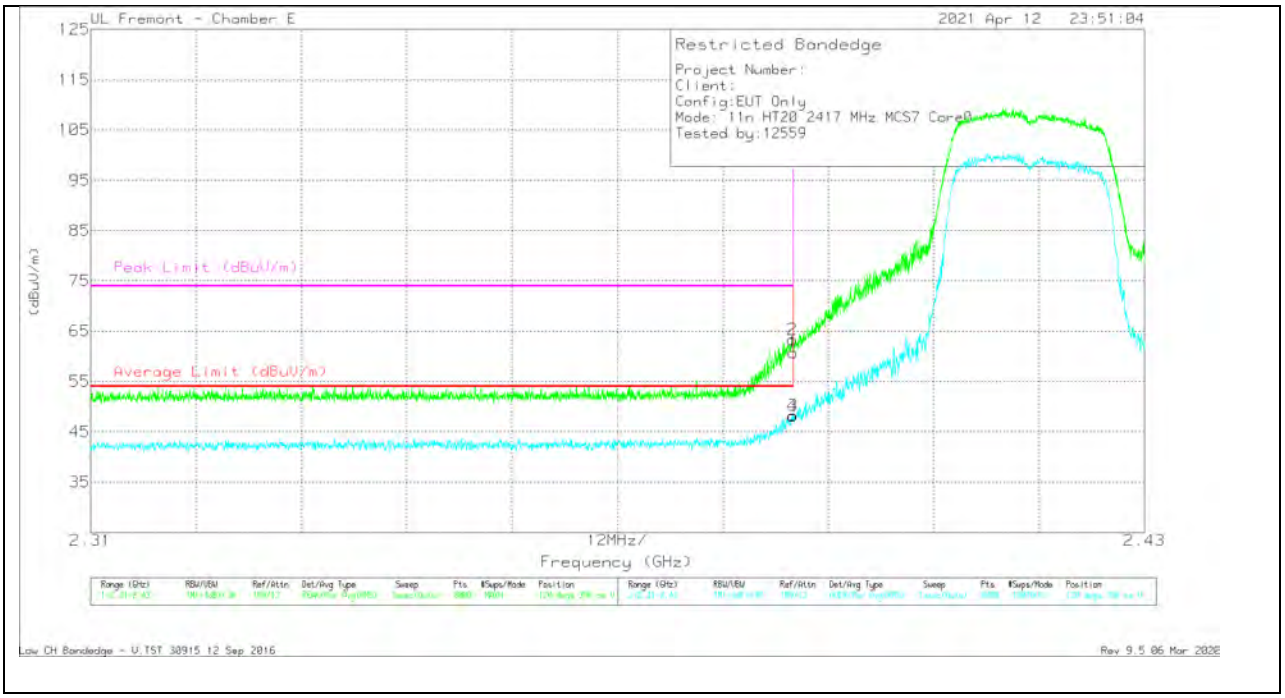
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	46.1	Pk	32.2	-17.6	0	60.7	-	-	74	-13.3	120	398	V
2	* 2.38995	48.79	Pk	32.2	-17.6	0	63.39	-	-	74	-10.61	120	398	V
3	* 2.38999	33.45	RMS	32.2	-17.6	.4	48.45	54	-5.55	-	-	120	398	V
4	* 2.3899	33.31	RMS	32.2	-17.6	.4	48.31	54	-5.69	-	-	120	398	V

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

Pk - Peak detector
RMS - RMS detection

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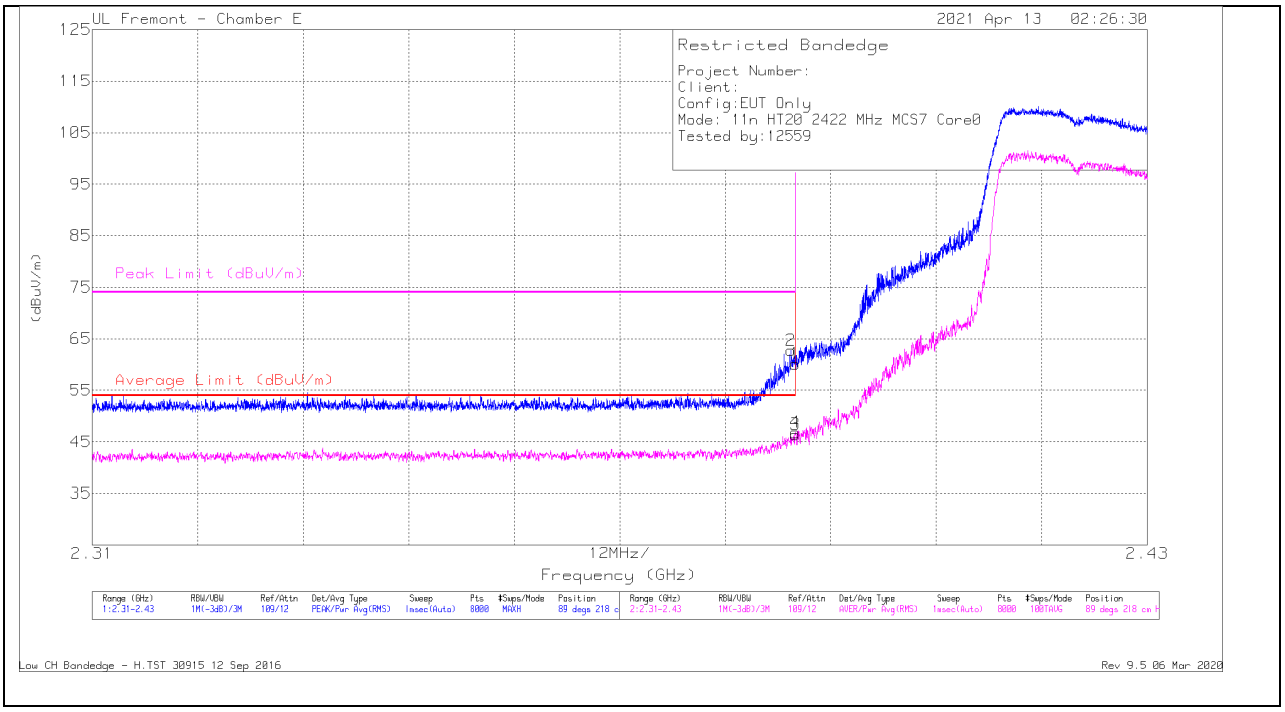
BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	45.55	Pk	32.2	-17.6	0	60.15	-	-	74	-13.85	89	218	H
2	* 2.38947	48.14	Pk	32.2	-17.6	0	62.74	-	-	74	-11.26	89	218	H
3	* 2.38999	31.6	RMS	32.2	-17.6	.4	46.60	54	-7.40	-	-	89	218	H
4	* 2.38995	31.99	RMS	32.2	-17.6	.4	46.99	54	-7.01	-	-	89	218	H

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

Pk - Peak detector
RMS - RMS detection

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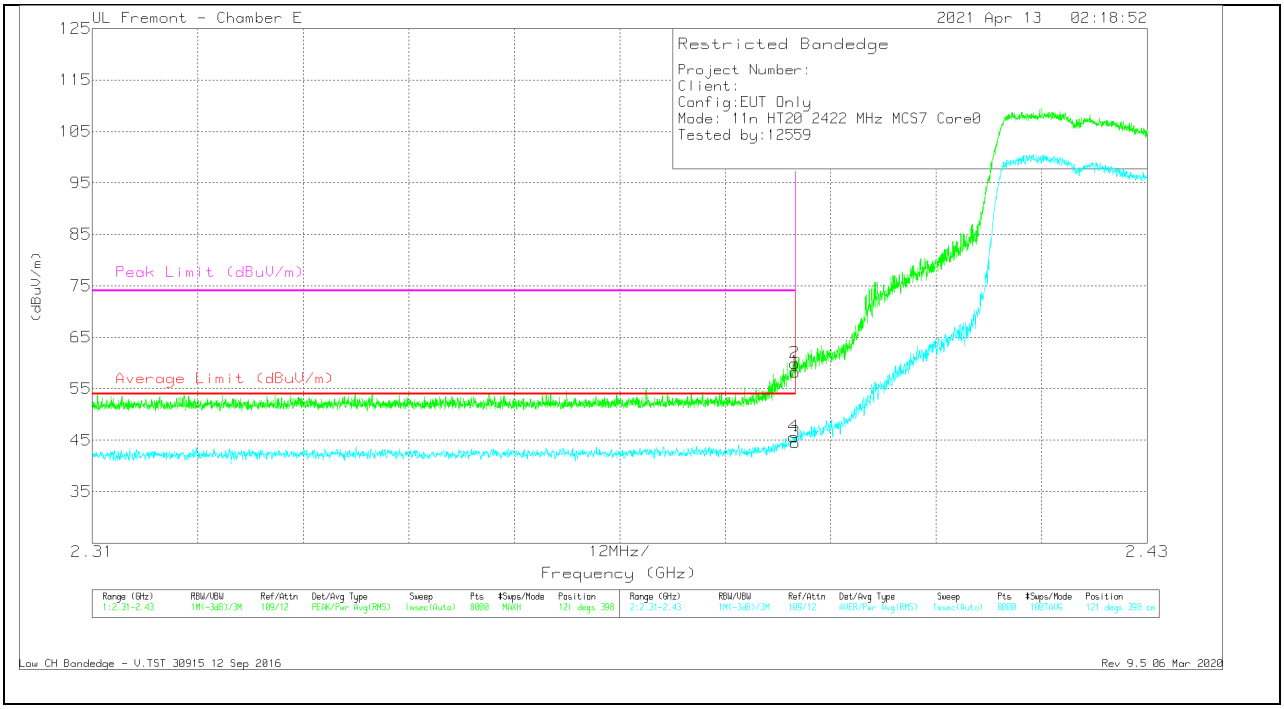
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	43.72	Pk	32.2	-17.6	0	58.32	-	-	74	-15.68	121	398	V
2	* 2.38987	45.4	Pk	32.2	-17.6	0	60	-	-	74	-14	121	398	V
3	* 2.38999	29.76	RMS	32.2	-17.6	.4	44.76	54	-9.24	-	-	121	398	V
4	* 2.3898	30.87	RMS	32.2	-17.6	.4	45.87	54	-8.13	-	-	121	398	V

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

Pk - Peak detector
RMS - RMS detection

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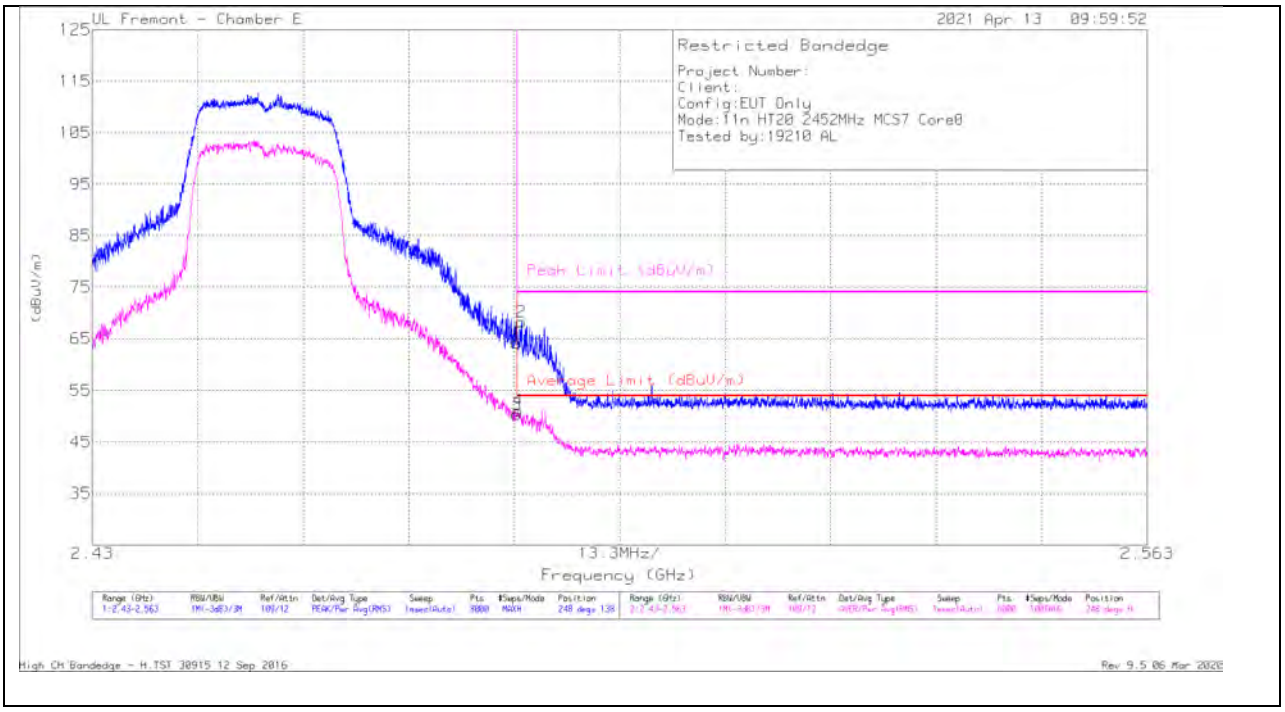
BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	49.28	Pk	32.6	-17.7	0	64.18	-	-	74	-9.82	248	138	H
2	* 2.48412	53.36	Pk	32.6	-17.7	0	68.26	-	-	74	-5.74	248	138	H
3	* 2.48351	35.27	RMS	32.6	-17.7	.4	50.57	54	-3.43	-	-	248	138	H
4	* 2.48369	35.94	RMS	32.6	-17.7	.4	51.24	54	-2.76	-	-	248	138	H

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

Pk - Peak detector
RMS - RMS detection

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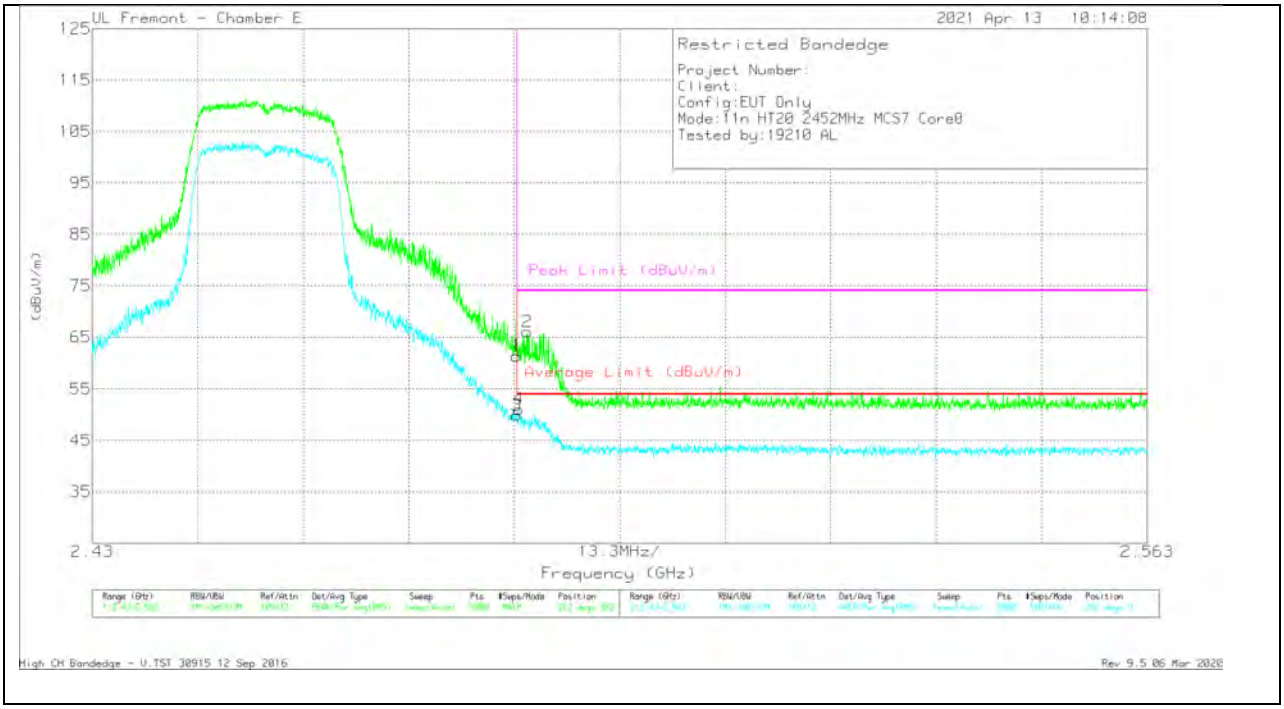
VERTICAL RESULT



Marker	Frequency(GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	46.51	Pk	32.6	-17.7	0	61.41	-	-	74	-12.59	282	282	V
3	* 2.48351	34.77	RMS	32.6	-17.7	.4	50.07	54	-3.93	-	-	282	282	V
4	* 2.48377	35.96	RMS	32.6	-17.7	.4	51.26	54	-2.74	-	-	282	282	V
2	* 2.48485	51.14	Pk	32.6	-17.7	0	66.04	-	-	74	-7.96	282	282	V

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

Pk - Peak detector
RMS - RMS detection

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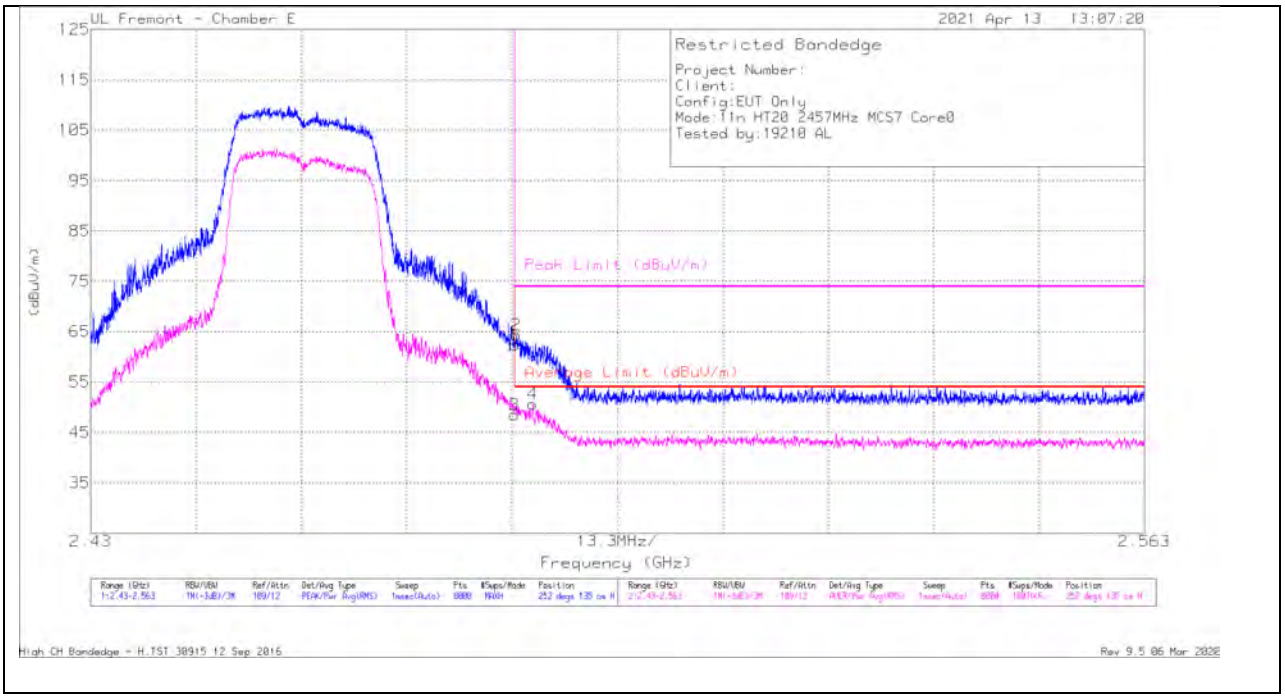
BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	47.5	Pk	32.6	-17.7	0	62.4	-	-	74	-11.6	252	135	H
2	* 2.48376	49.46	Pk	32.6	-17.7	0	64.36	-	-	74	-9.64	252	135	H
3	* 2.48351	33.43	RMS	32.6	-17.7	.4	48.73	54	-5.27	-	-	252	135	H
4	* 2.4858	35.52	RMS	32.6	-17.7	.4	50.82	54	-3.18	-	-	252	135	H

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

Pk - Peak detector
RMS - RMS detection

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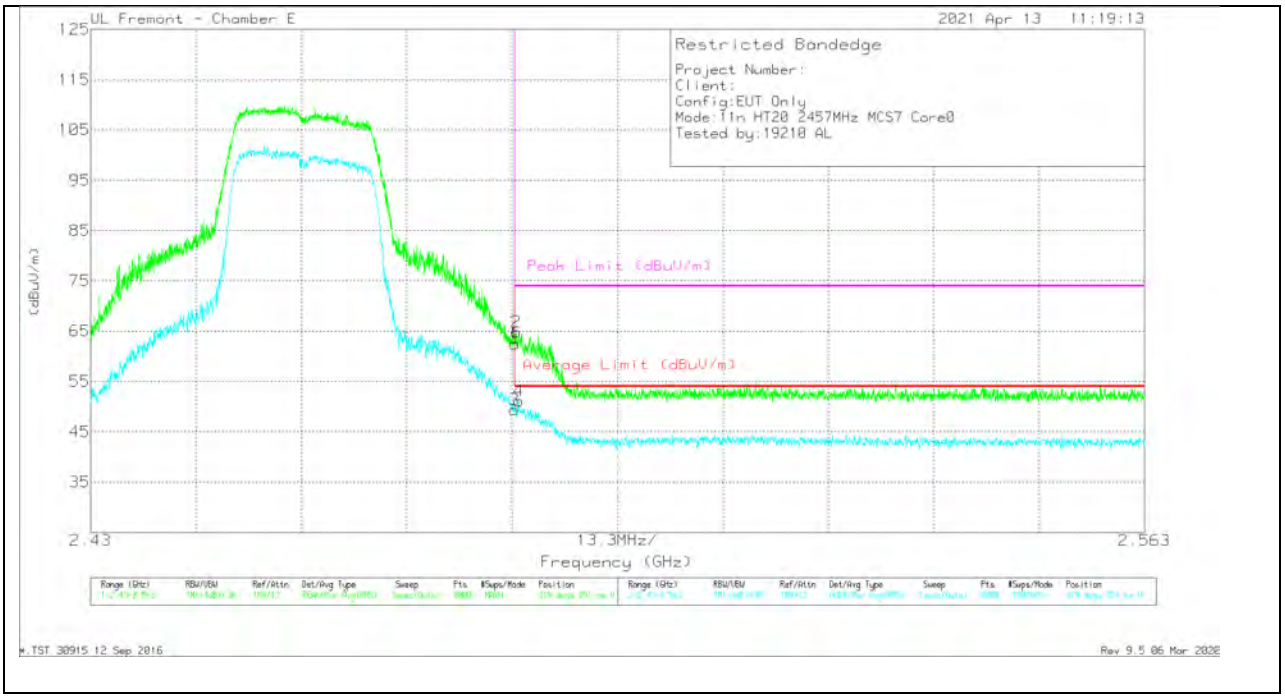
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	47.6	Pk	32.6	-17.7	0	62.5	-	-	74	-11.5	319	251	V
2	* 2.48371	49.97	Pk	32.6	-17.7	0	64.87	-	-	74	-9.13	319	251	V
3	* 2.48351	34.25	RMS	32.6	-17.7	.4	49.55	54	-4.45	-	-	319	251	V
4	* 2.48402	35.98	RMS	32.6	-17.7	.4	51.28	54	-2.72	-	-	319	251	V

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

Pk - Peak detector
RMS - RMS detection

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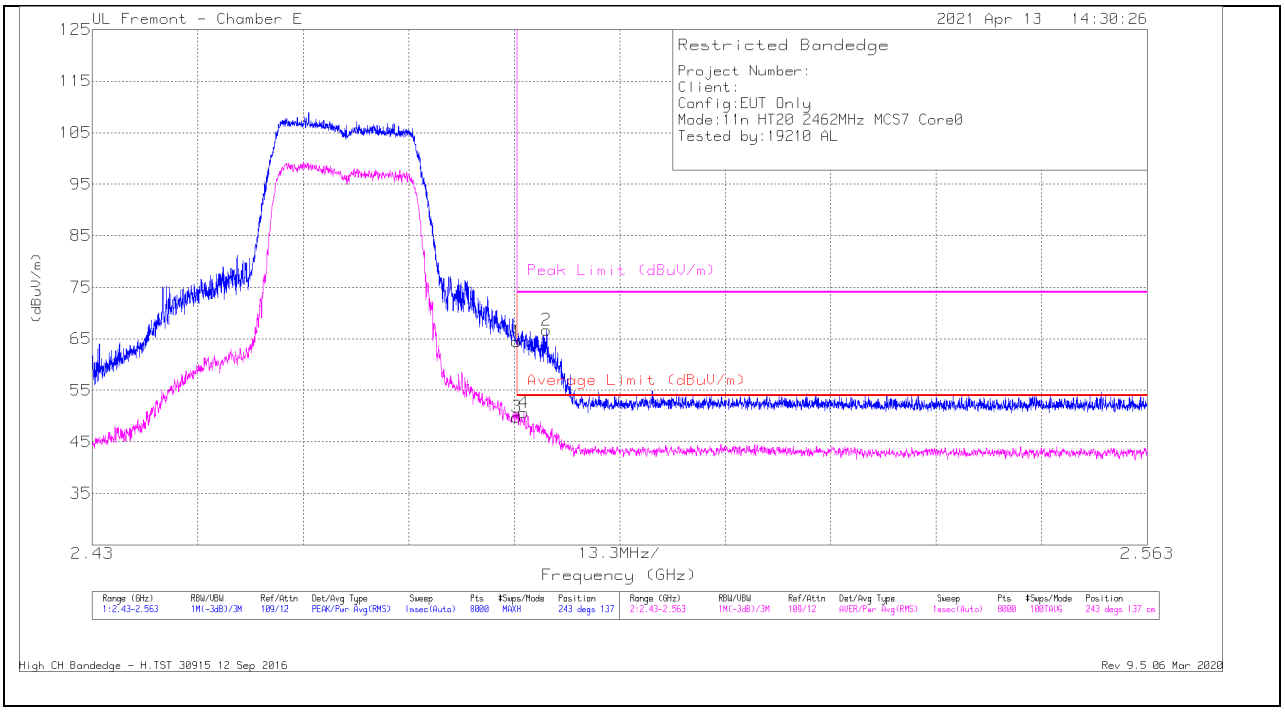
BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	49.56	Pk	32.6	-17.7	0	64.46	-	-	74	-9.54	243	137	H
3	* 2.48351	34.72	RMS	32.6	-17.7	.4	50.02	54	-3.98	-	-	243	137	H
4	* 2.48442	35.52	RMS	32.6	-17.7	.4	50.82	54	-3.18	-	-	243	137	H
2	* 2.48728	51.78	Pk	32.7	-17.8	0	66.68	-	-	74	-7.32	243	137	H

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

Pk - Peak detector
RMS - RMS detection

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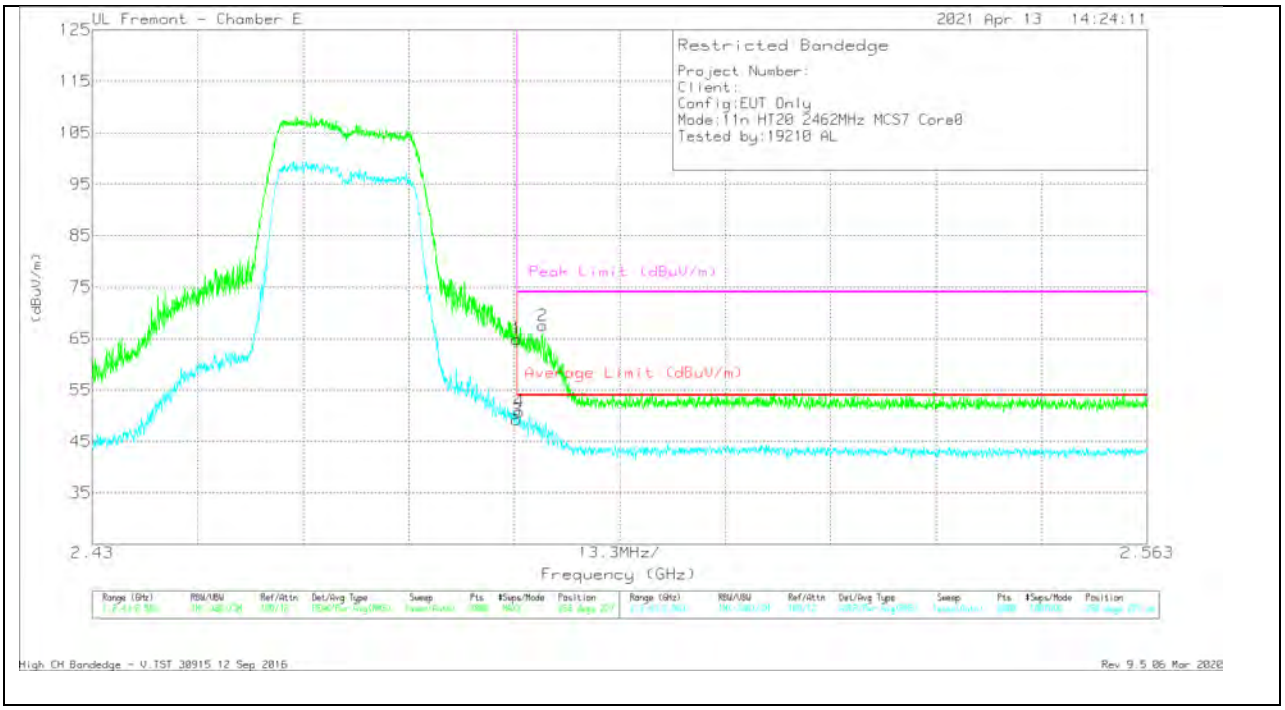
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	49.99	Pk	32.6	-17.7	0	64.89	-	-	74	-9.11	268	227	V
3	* 2.48351	34.04	RMS	32.6	-17.7	.4	49.34	54	-4.64	-	-	268	227	V
4	* 2.48387	35.67	RMS	32.6	-17.7	.4	50.97	54	-3.03	-	-	268	227	V
2	* 2.48678	52.6	Pk	32.6	-17.7	0	67.5	-	-	74	-6.5	268	227	V

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

Pk - Peak detector
RMS - RMS detection

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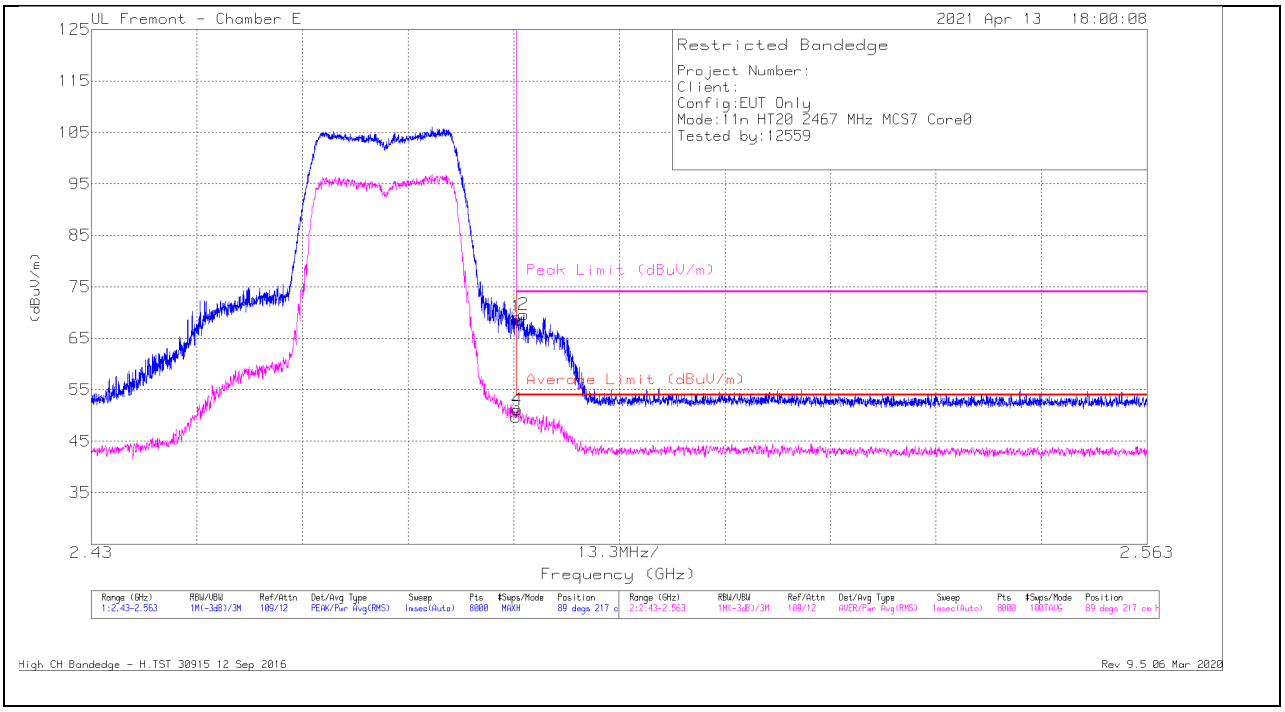
BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	54.26	Pk	32.6	-17.7	0	69.16	-	-	74	-4.84	89	217	H
2	* 2.48445	54.75	Pk	32.6	-17.7	0	69.65	-	-	74	-4.35	89	217	H
3	* 2.48351	34.57	RMS	32.6	-17.7	.4	49.87	54	-4.13	-	-	89	217	H
4	* 2.48366	36.03	RMS	32.6	-17.7	.4	51.33	54	-2.67	-	-	89	217	H

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

Pk - Peak detector
RMS - RMS detection

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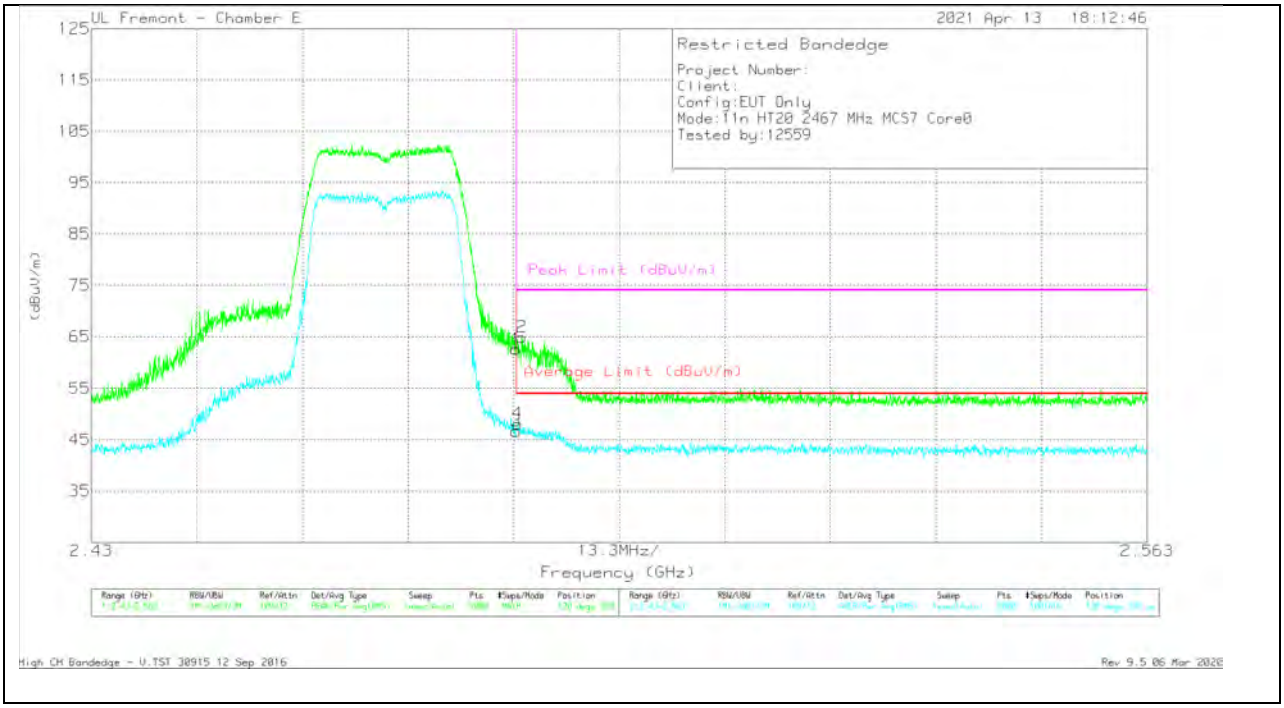
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	47.71	Pk	32.6	-17.7	0	62.61	-	-	74	-11.39	120	398	V
2	* 2.4842	49.99	Pk	32.6	-17.7	0	64.89	-	-	74	-9.11	120	398	V
3	* 2.48351	31.58	RMS	32.6	-17.7	.4	46.87	54	-7.13	-	-	120	398	V
4	* 2.48372	33.01	RMS	32.6	-17.7	.4	48.33	54	-5.67	-	-	120	398	V

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

Pk - Peak detector
RMS - RMS detection

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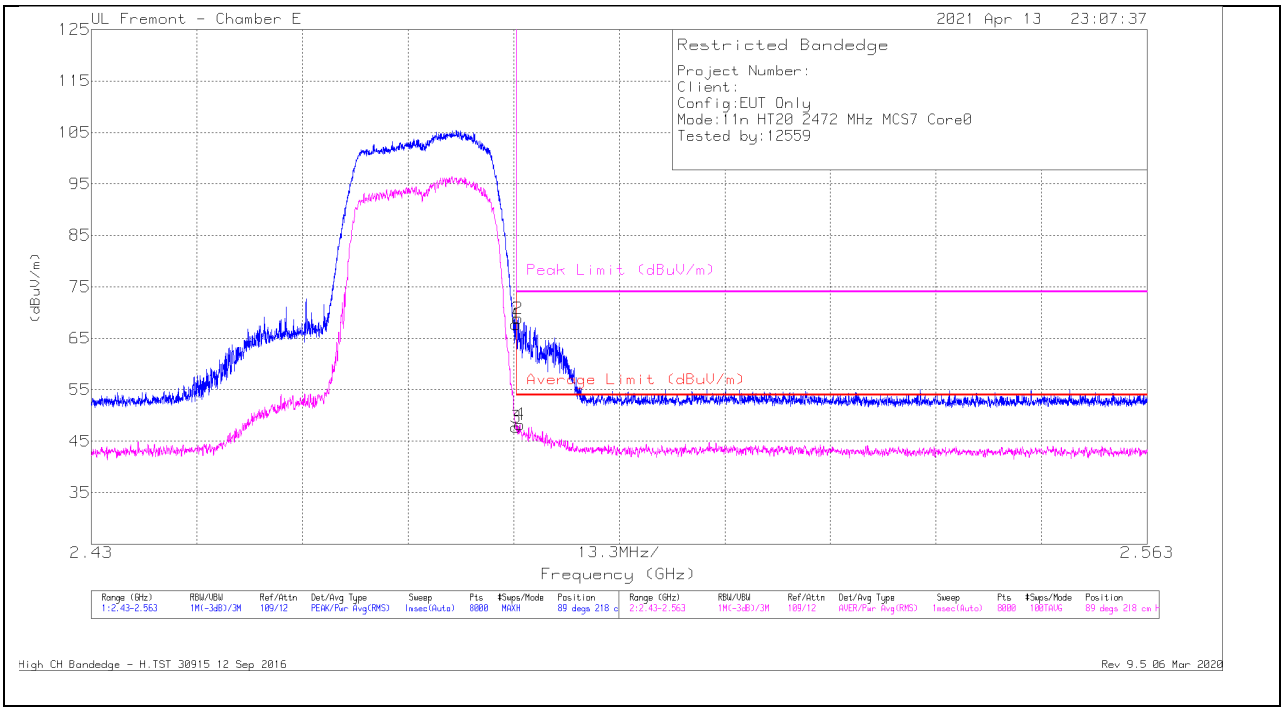
BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	52.83	Pk	32.6	-17.7	0	67.73	-	-	74	-6.27	89	218	H
2	* 2.48374	53.95	Pk	32.6	-17.7	0	68.85	-	-	74	-5.15	89	218	H
3	* 2.48351	32.61	RMS	32.6	-17.7	.4	47.91	54	-6.09	-	-	89	218	H
4	* 2.48397	33.13	RMS	32.6	-17.7	.4	48.43	54	-5.57	-	-	89	218	H

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

Pk - Peak detector
RMS - RMS detection

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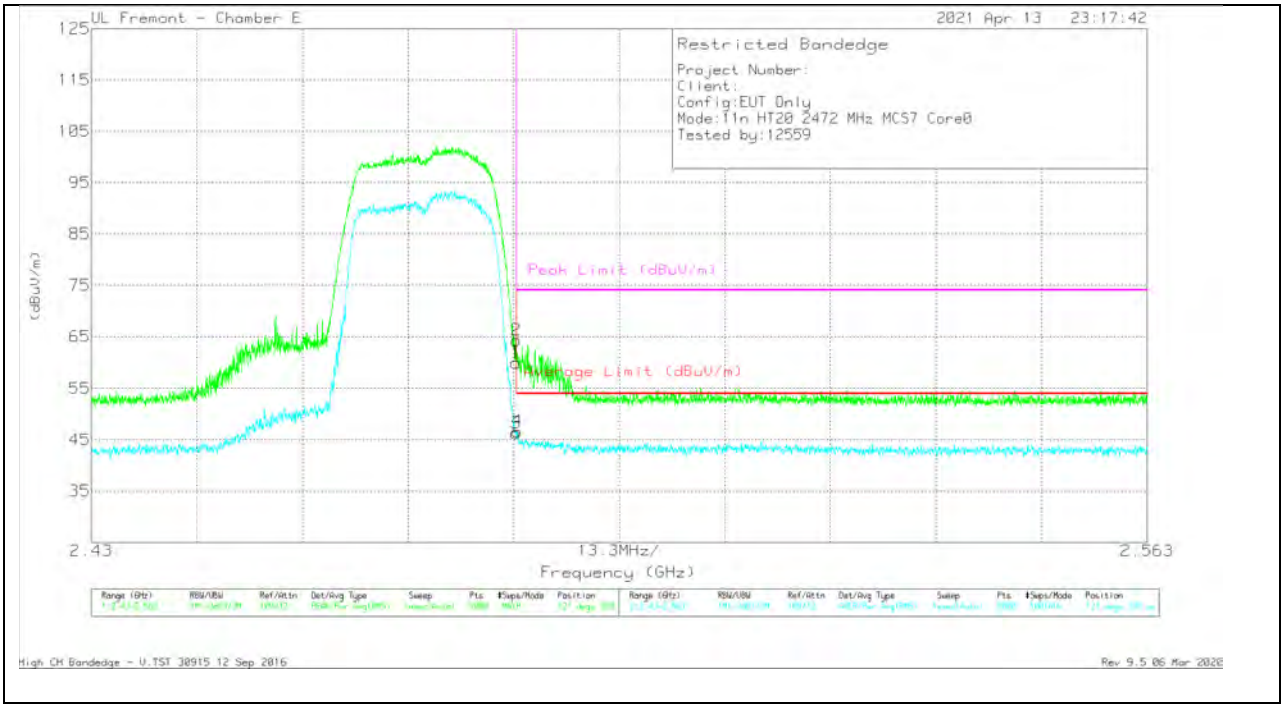
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	45.12	Pk	32.6	-17.7	0	60.02	-	-	74	-13.98	121	398	V
2	* 2.48356	49.39	Pk	32.6	-17.7	0	64.29	-	-	74	-9.71	121	398	V
3	* 2.48351	31.2	RMS	32.6	-17.7	.4	46.50	54	-7.50	-	-	121	398	V
4	* 2.48366	31.55	RMS	32.6	-17.7	.4	46.85	54	-7.15	-	-	121	398	V

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

Pk - Peak detector
RMS - RMS detection

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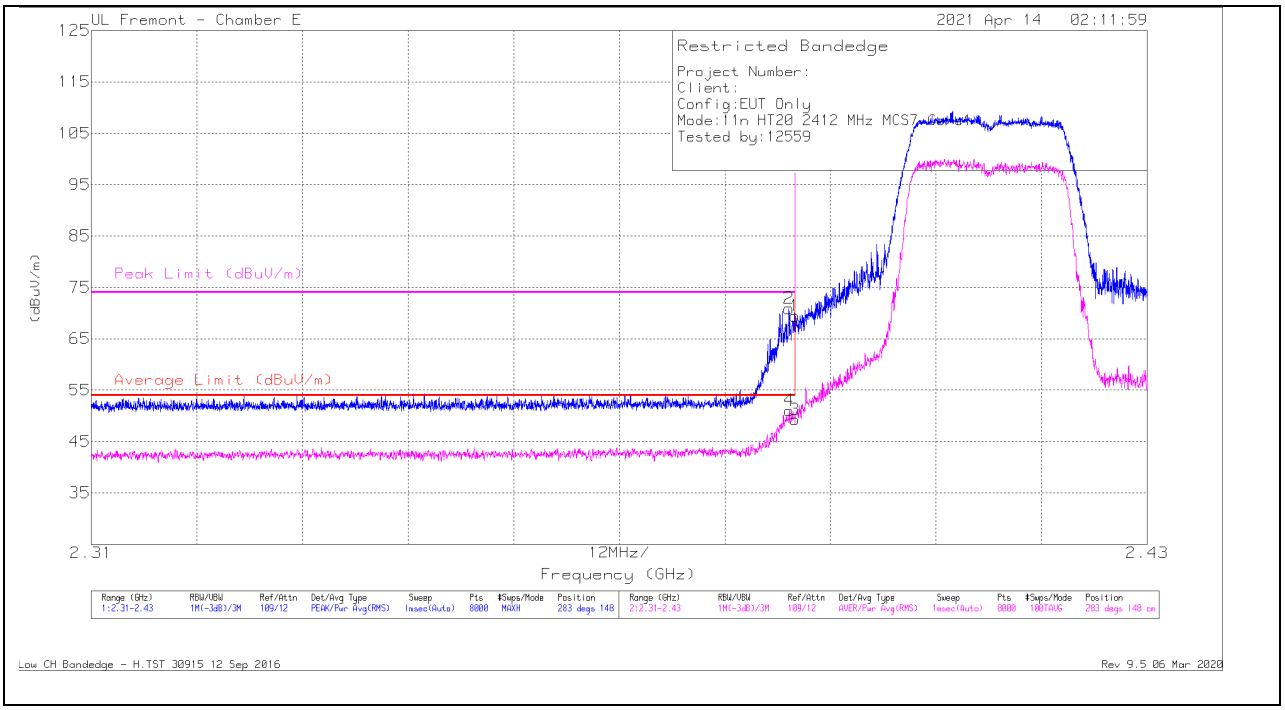
1TX ANT 3 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	54.83	Pk	32.2	-17.6	0	69.43	-	-	74	-4.57	283	148	H
2	* 2.38929	56.29	Pk	32.2	-17.6	0	70.89	-	-	74	-3.11	283	148	H
3	* 2.38999	34.28	RMS	32.2	-17.6	.4	49.28	54	-4.72	-	-	283	148	H
4	* 2.38935	36.06	RMS	32.2	-17.6	.4	51.06	54	-2.94	-	-	283	148	H

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

Pk - Peak detector
RMS - RMS detection

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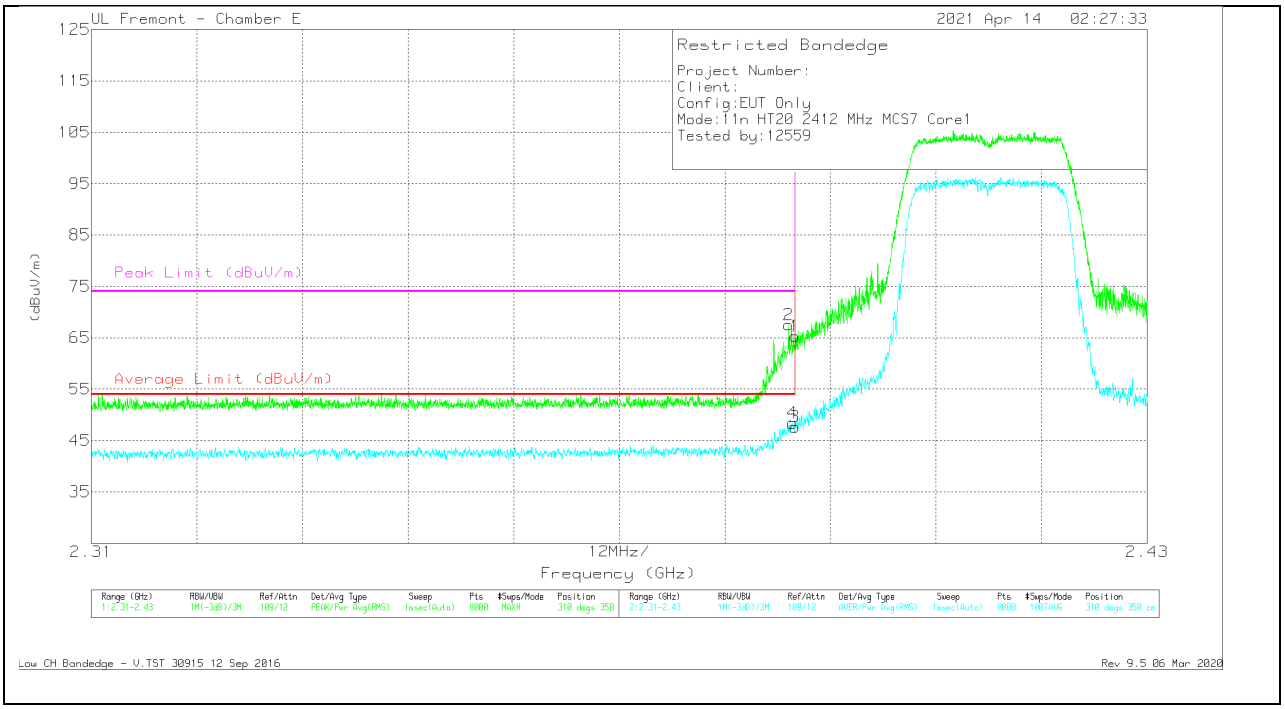
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	50.7	Pk	32.2	-17.6	0	65.3	-	-	74	-8.7	310	350	V
2	* 2.38926	52.9	Pk	32.2	-17.6	0	67.5	-	-	74	-6.5	310	350	V
3	* 2.38999	32.67	RMS	32.2	-17.6	.4	47.67	54	-6.33	-	-	310	350	V
4	* 2.38969	33.4	RMS	32.2	-17.6	.4	48.4	54	-5.6	-	-	310	350	V

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

Pk - Peak detector
RMS - RMS detection

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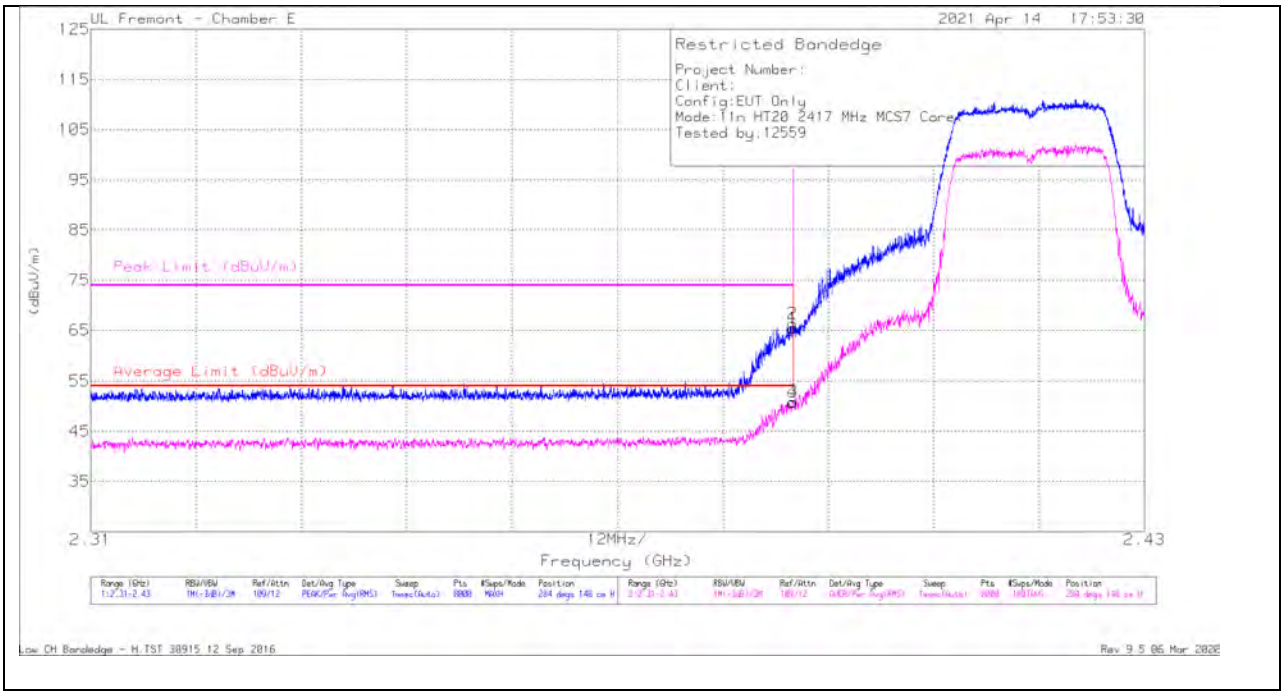
BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	50.86	Pk	32.2	-17.6	0	65.46	-	-	74	-8.54	284	148	H
2	* 2.38993	51.74	Pk	32.2	-17.6	0	66.34	-	-	74	-7.66	284	148	H
3	* 2.38999	35.94	RMS	32.2	-17.6	.4	50.94	54	-3.06	-	-	284	148	H
4	* 2.38995	35.73	RMS	32.2	-17.6	.4	50.73	54	-3.27	-	-	284	148	H

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

Pk - Peak detector
RMS - RMS detection

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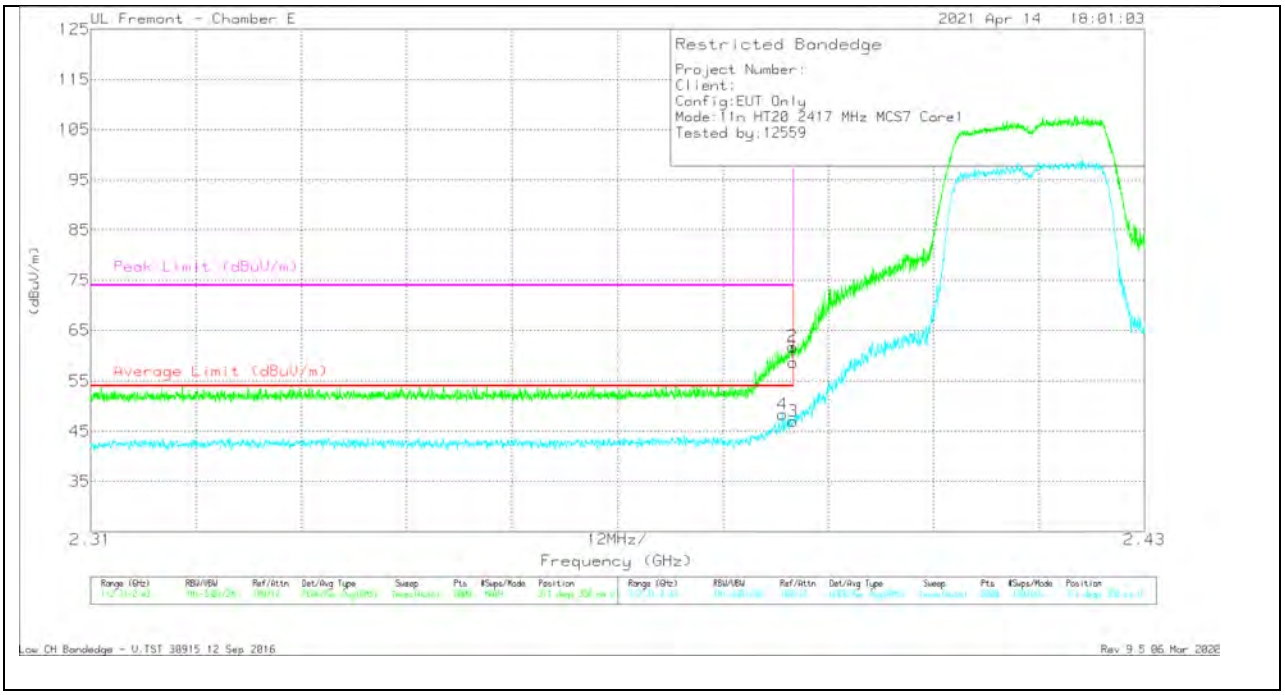
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	44.19	Pk	32.2	-17.6	0	58.79	-	-	74	-15.21	311	350	V
2	* 2.38992	47.22	Pk	32.2	-17.6	0	61.82	-	-	74	-12.18	311	350	V
3	* 2.38999	32	RMS	32.2	-17.6	.4	47	54	-7	-	-	311	350	V
4	* 2.38876	33.41	RMS	32.2	-17.6	.4	48.41	54	-5.59	-	-	311	350	V

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

Pk - Peak detector
RMS - RMS detection

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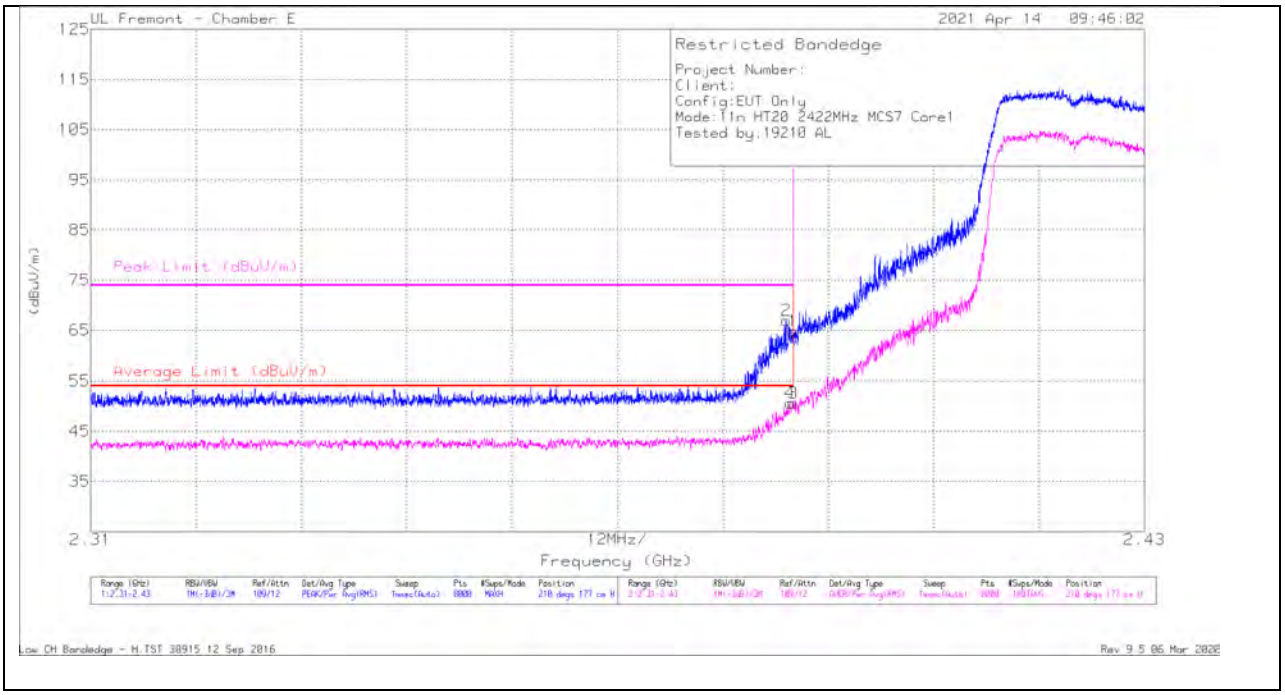
BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	50.22	Pk	32.2	-17.6	0	64.82	-	-	74	-9.18	210	177	H
2	* 2.38918	52.34	Pk	32.2	-17.6	0	66.94	-	-	74	-7.06	210	177	H
3	* 2.38999	35.67	RMS	32.2	-17.6	.4	50.67	54	-3.33	-	-	210	177	H
4	* 2.38963	35.68	RMS	32.2	-17.6	.4	50.68	54	-3.32	-	-	210	177	H

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

Pk - Peak detector
RMS - RMS detection

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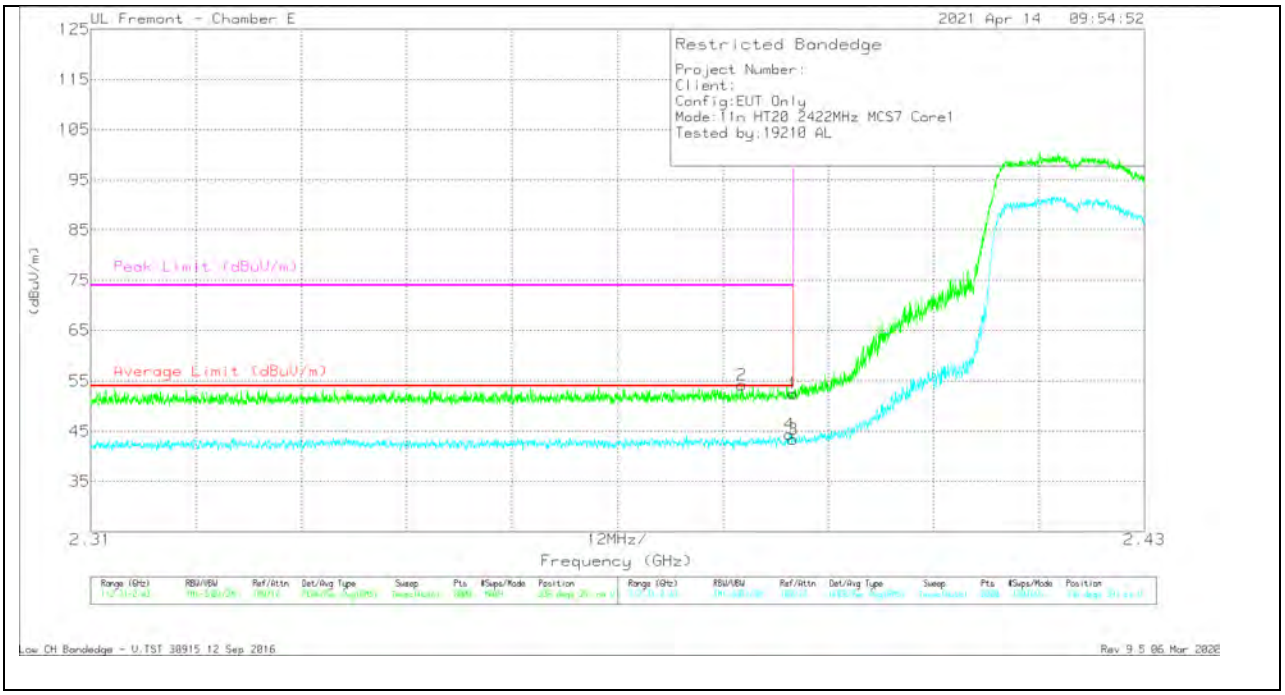
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.38414	39.7	Pk	32.2	-17.6	0	54.3	-	-	74	-19.7	336	391	V
4	* 2.3896	29.37	RMS	32.2	-17.6	.4	44.37	54	-9.63	-	-	336	391	V
1	* 2.38999	37.89	Pk	32.2	-17.6	0	52.49	-	-	74	-21.51	336	391	V
3	* 2.38999	28.41	RMS	32.2	-17.6	.4	43.41	54	-10.59	-	-	336	391	V

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

Pk - Peak detector
RMS - RMS detection

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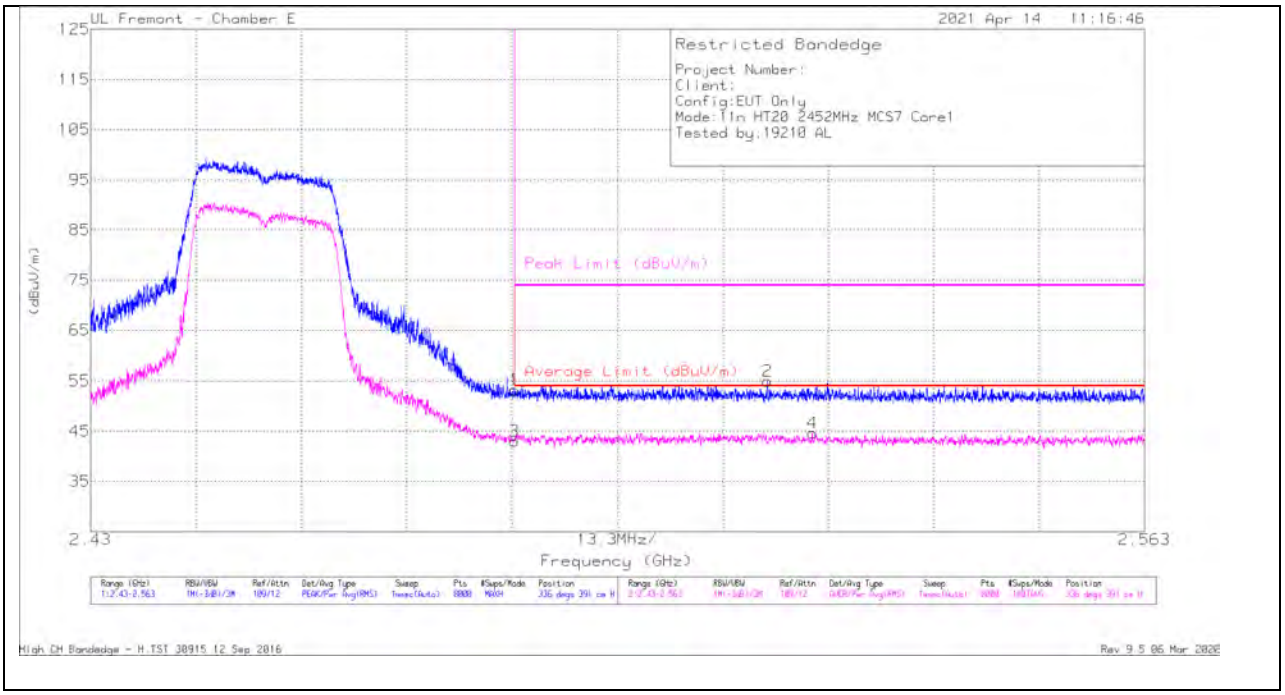
BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	38.38	Pk	32.6	-17.7	0	53.28	-	-	74	-20.72	336	391	H
3	* 2.48351	27.75	RMS	32.6	-17.7	.4	43.05	54	-10.95	-	-	336	391	H
2	2.51541	39.86	Pk	32.7	-17.6	0	54.96	-	-	74	-19.04	336	391	H
4	2.52108	29.4	RMS	32.6	-17.7	.4	44.7	54	-9.3	-	-	336	391	H

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

Pk - Peak detector
RMS - RMS detection

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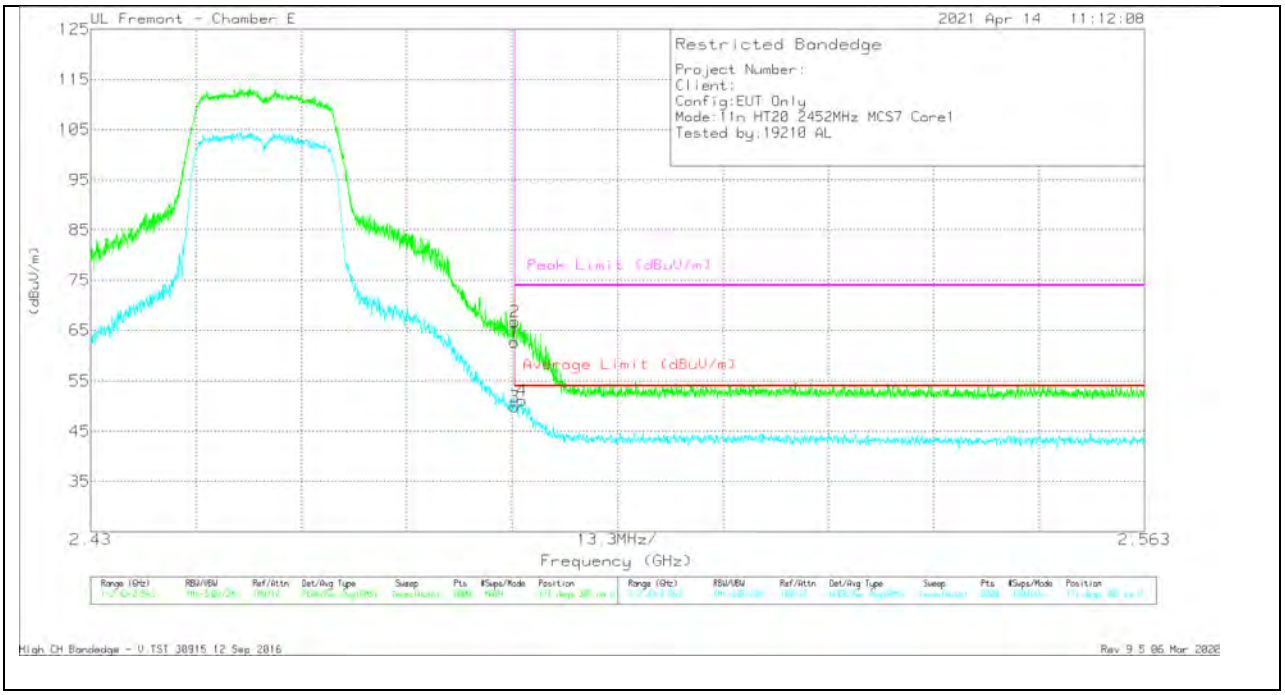
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	47.8	Pk	32.6	-17.7	0	62.7	-	-	74	-11.3	171	385	V
2	* 2.48361	51.78	Pk	32.6	-17.7	0	66.68	-	-	74	-7.32	171	385	V
3	* 2.48351	34.61	RMS	32.6	-17.7	.4	49.91	54	-4.09	-	-	171	385	V
4	* 2.48442	35.83	RMS	32.6	-17.7	.4	51.13	54	-2.87	-	-	171	385	V

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

Pk - Peak detector
RMS - RMS detection

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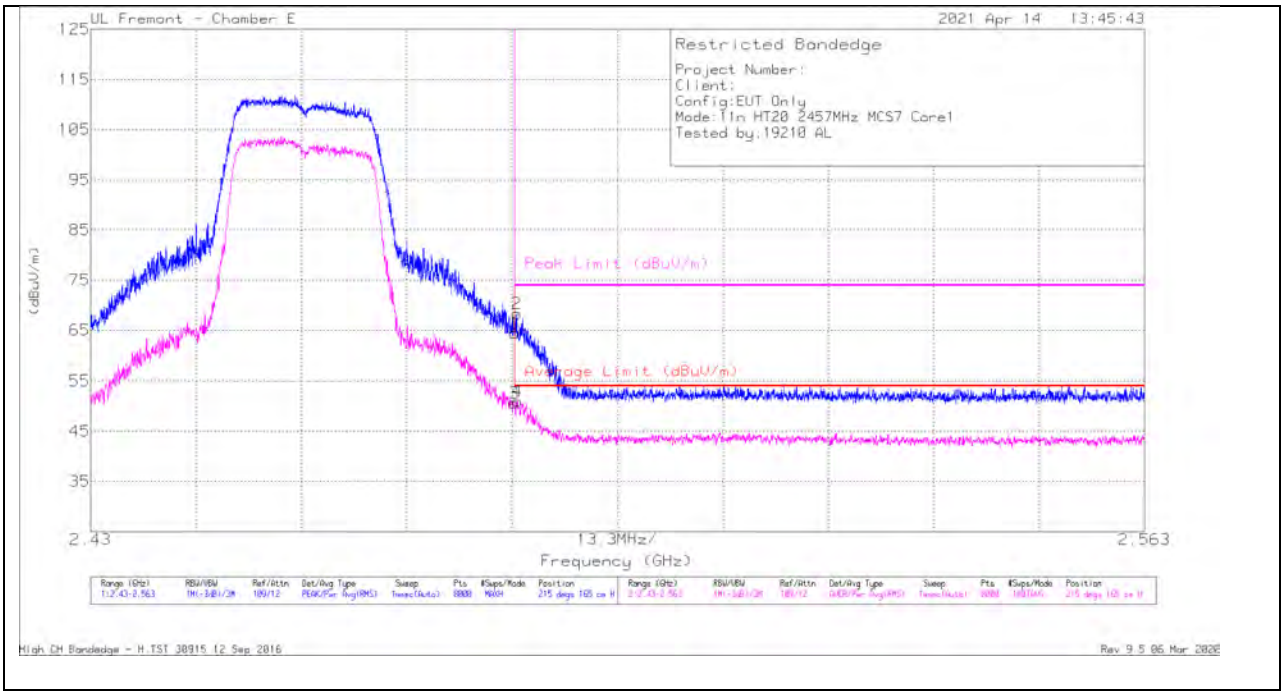
BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	49.55	Pk	32.6	-17.7	0	64.45	-	-	74	-9.55	215	165	H
2	* 2.48379	53.39	Pk	32.6	-17.7	0	68.29	-	-	74	-5.71	215	165	H
3	* 2.48351	35.37	RMS	32.6	-17.7	.4	50.67	54	-3.33	-	-	215	165	H
4	* 2.48385	35.66	RMS	32.6	-17.7	.4	50.96	54	-3.04	-	-	215	165	H

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

Pk - Peak detector
RMS - RMS detection

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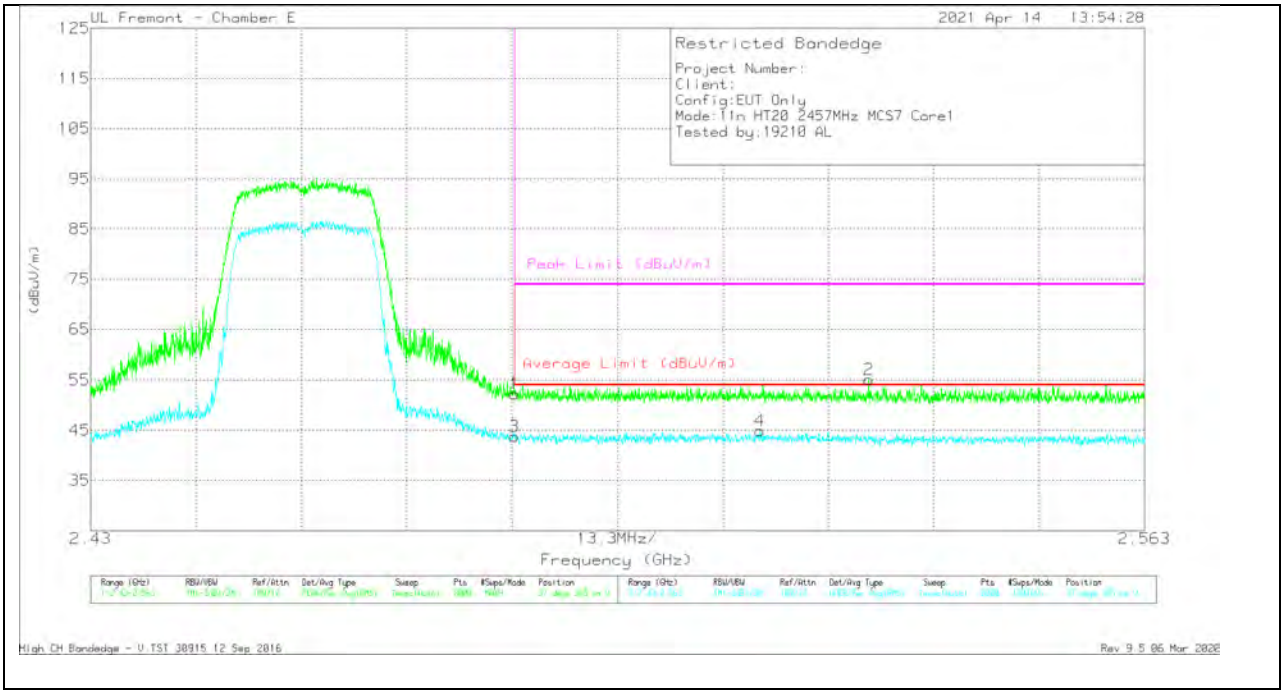
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	37.31	Pk	32.6	-17.7	0	52.21	-	-	74	-21.79	37	385	V
3	* 2.48351	28.51	RMS	32.6	-17.7	.4	43.81	54	-10.19	-	-	37	385	V
4	2.51448	29.39	RMS	32.7	-17.6	.4	44.89	54	-9.11	-	-	37	385	V
2	2.5282	40.34	Pk	32.5	-17.7	0	55.14	-	-	74	-18.86	37	385	V

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

Pk - Peak detector
RMS - RMS detection

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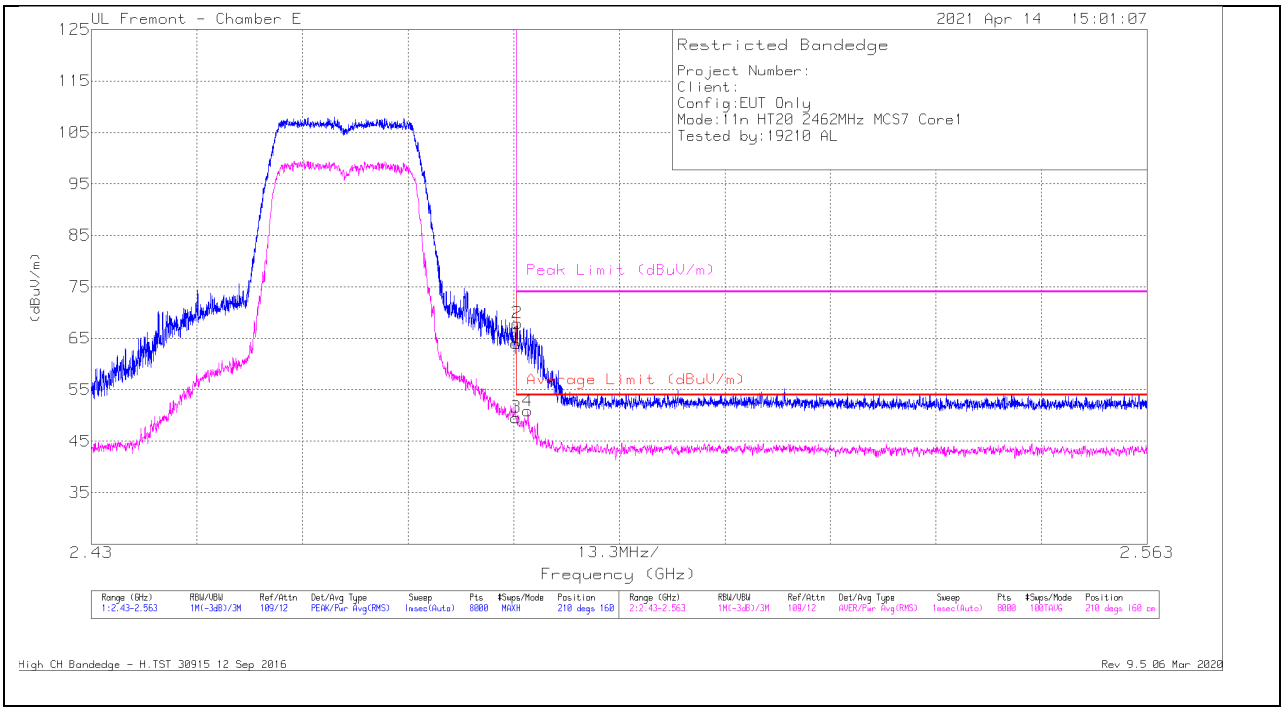
BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	49.13	Pk	32.6	-17.7	0	64.03	-	-	74	-9.97	210	160	H
2	* 2.48366	53.04	Pk	32.6	-17.7	0	67.94	-	-	74	-6.06	210	160	H
3	* 2.48351	34.31	RMS	32.6	-17.7	.4	49.61	54	-4.39	-	-	210	160	H
4	* 2.48497	35.58	RMS	32.6	-17.7	.4	50.88	54	-3.12	-	-	210	160	H

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

Pk - Peak detector
RMS - RMS detection

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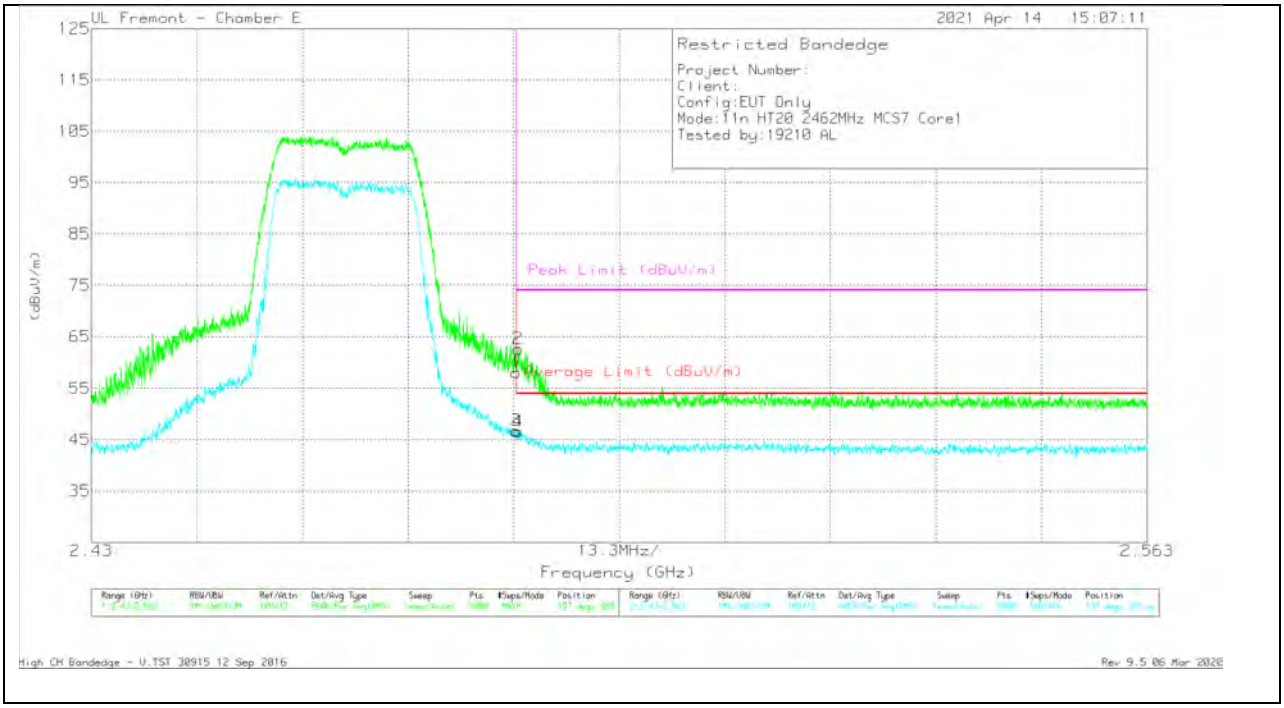
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.22	Pk	32.6	-17.7	0	58.12	-	-	74	-15.88	197	388	V
2	* 2.48374	47.77	Pk	32.6	-17.7	0	62.67	-	-	74	-11.33	197	388	V
3	* 2.48351	31.49	RMS	32.6	-17.7	.4	46.79	54	-7.21	-	-	197	388	V
4	* 2.48374	31.33	RMS	32.6	-17.7	.4	46.63	54	-7.37	-	-	197	388	V

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

Pk - Peak detector
RMS - RMS detection

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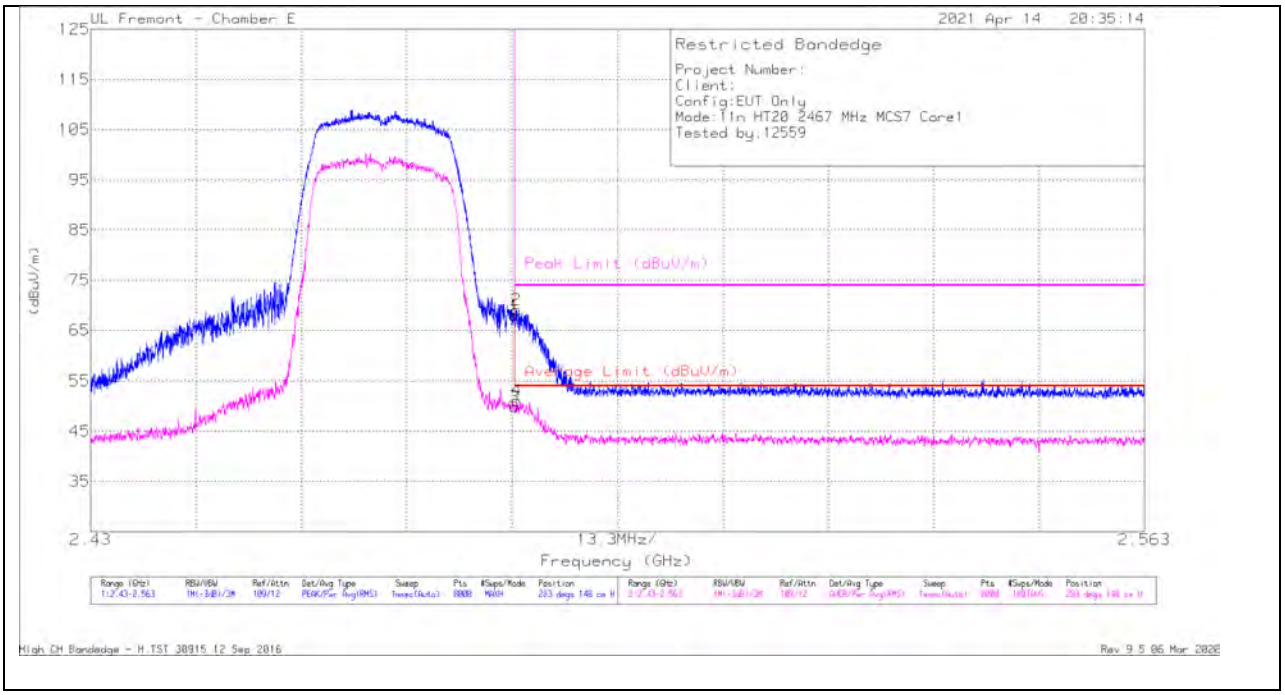
BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	53.08	Pk	32.6	-17.7	0	67.98	-	-	74	-6.02	283	148	H
2	* 2.48371	54.16	Pk	32.6	-17.7	0	69.06	-	-	74	-4.94	283	148	H
3	* 2.48351	34.62	RMS	32.6	-17.7	.4	49.92	54	-4.08	-	-	283	148	H
4	* 2.48379	35.83	RMS	32.6	-17.7	.4	51.13	54	-2.87	-	-	283	148	H

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

Pk - Peak detector
RMS - RMS detection

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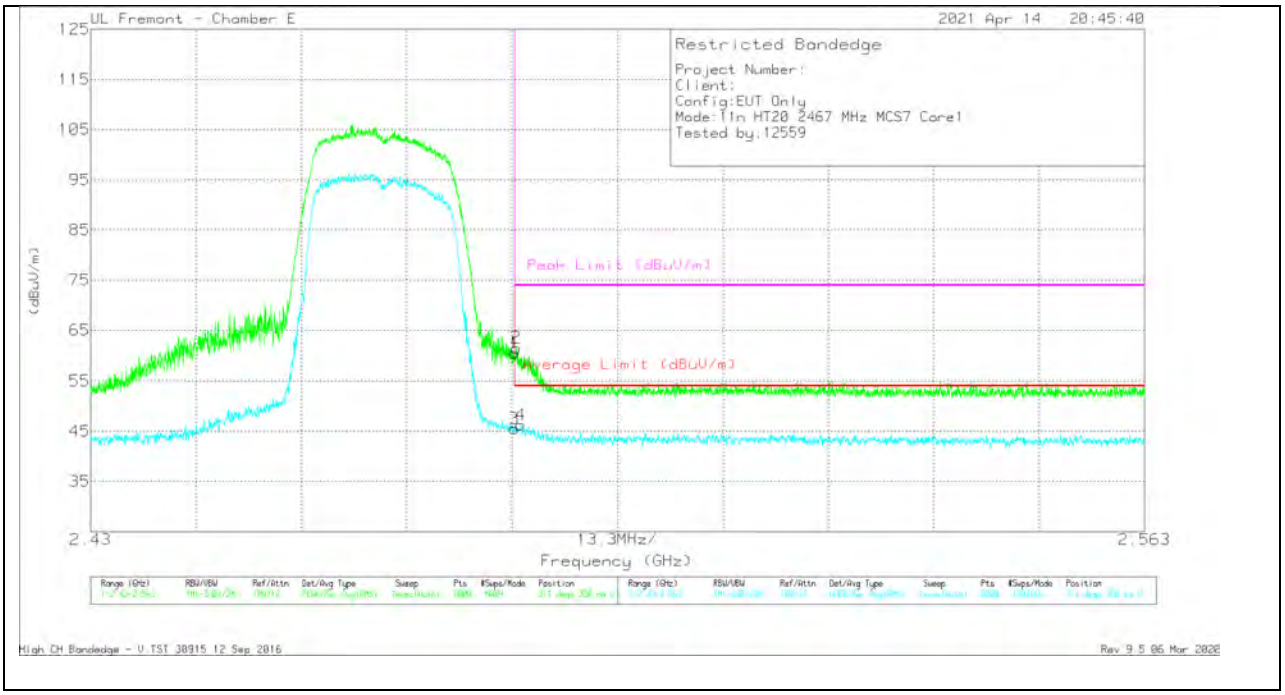
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	45.72	Pk	32.6	-17.7	0	60.62	-	-	74	-13.38	311	350	V
2	* 2.48376	46.64	Pk	32.6	-17.7	0	61.54	-	-	74	-12.46	311	350	V
3	* 2.48351	30.2	RMS	32.6	-17.7	.4	45.5	54	-8.5	-	-	311	350	V
4	* 2.48432	30.94	RMS	32.6	-17.7	.4	46.24	54	-7.76	-	-	311	350	V

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

Pk - Peak detector
RMS - RMS detection

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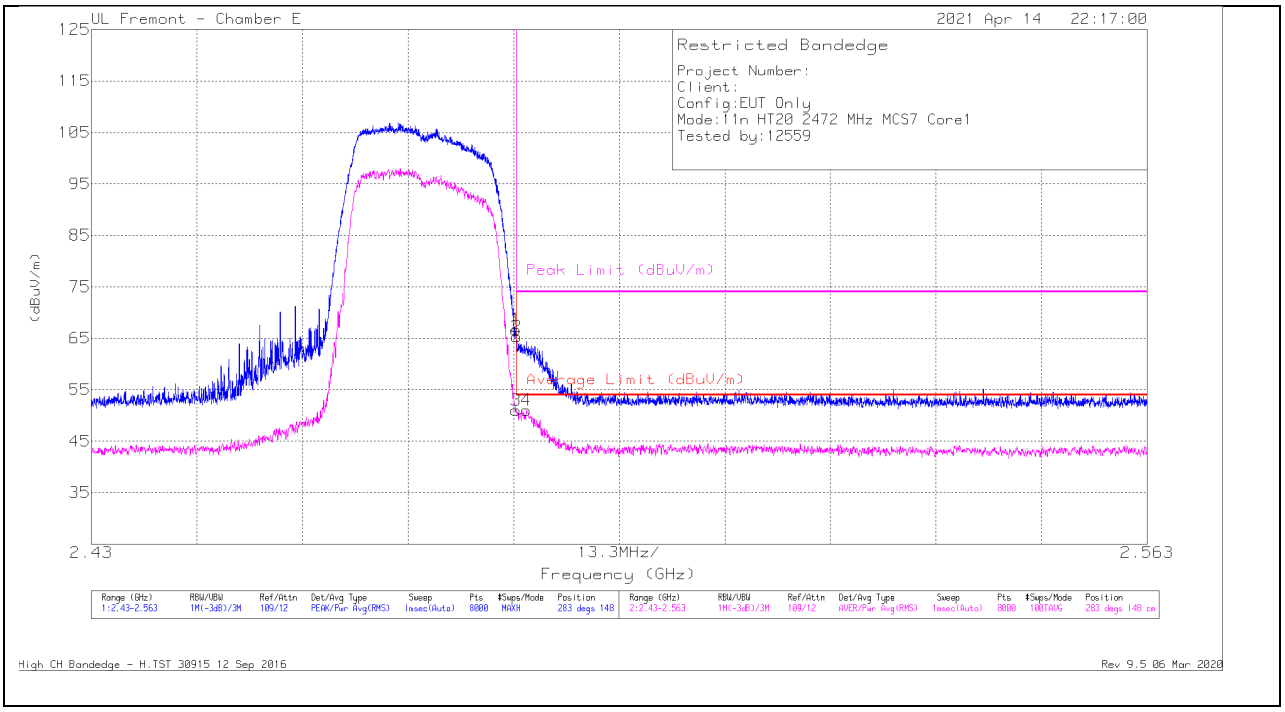
BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	51.8	Pk	32.6	-17.7	0	66.7	-	-	74	-7.3	283	148	H
2	* 2.48357	50.4	Pk	32.6	-17.7	0	65.3	-	-	74	-8.7	283	148	H
3	* 2.48351	35.71	RMS	32.6	-17.7	.4	51.01	54	-2.99	-	-	283	148	H
4	* 2.48482	35.74	RMS	32.6	-17.7	.4	51.04	54	-2.96	-	-	283	148	H

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

Pk - Peak detector
RMS - RMS detection

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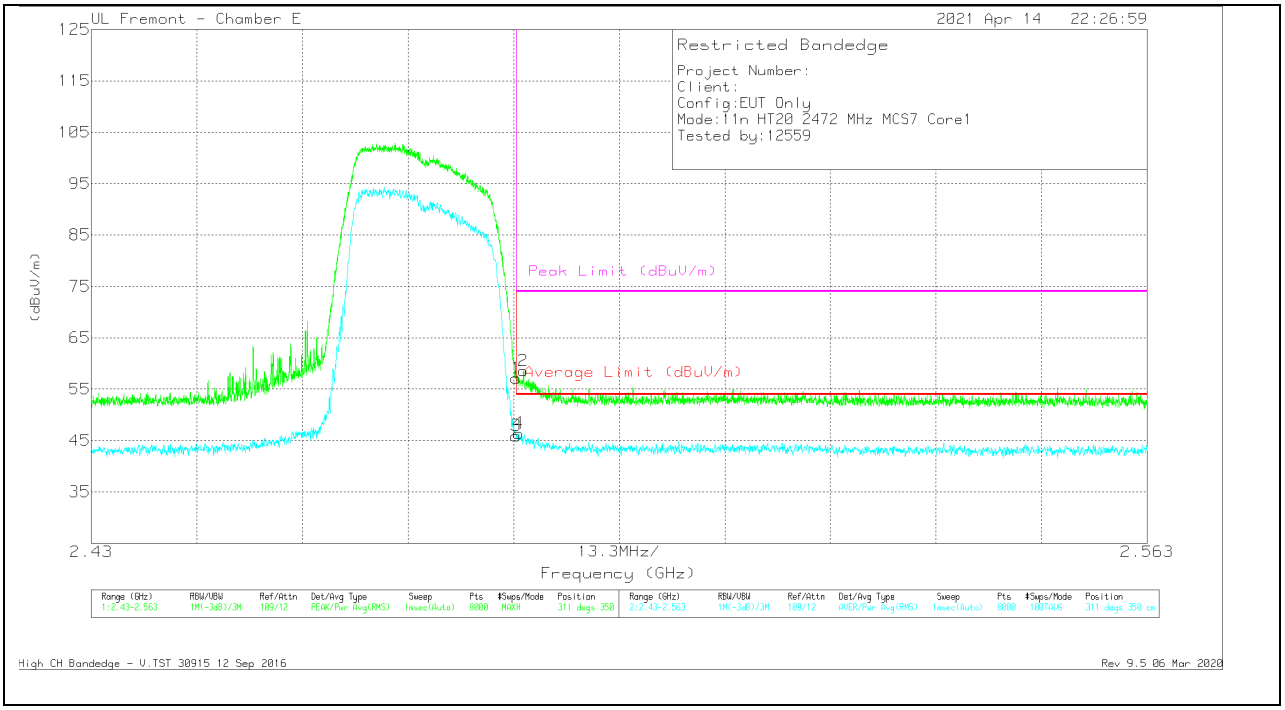
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	42.2	Pk	32.6	-17.7	0	57.1	-	-	74	-16.9	311	350	V
2	* 2.48444	43.68	Pk	32.6	-17.7	0	58.58	-	-	74	-15.42	311	350	V
3	* 2.48351	30.64	RMS	32.6	-17.7	.4	45.94	54	-8.06	-	-	311	350	V
4	* 2.48382	31.1	RMS	32.6	-17.7	.4	46.4	54	-7.6	-	-	311	350	V

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

Pk - Peak detector
RMS - RMS detection

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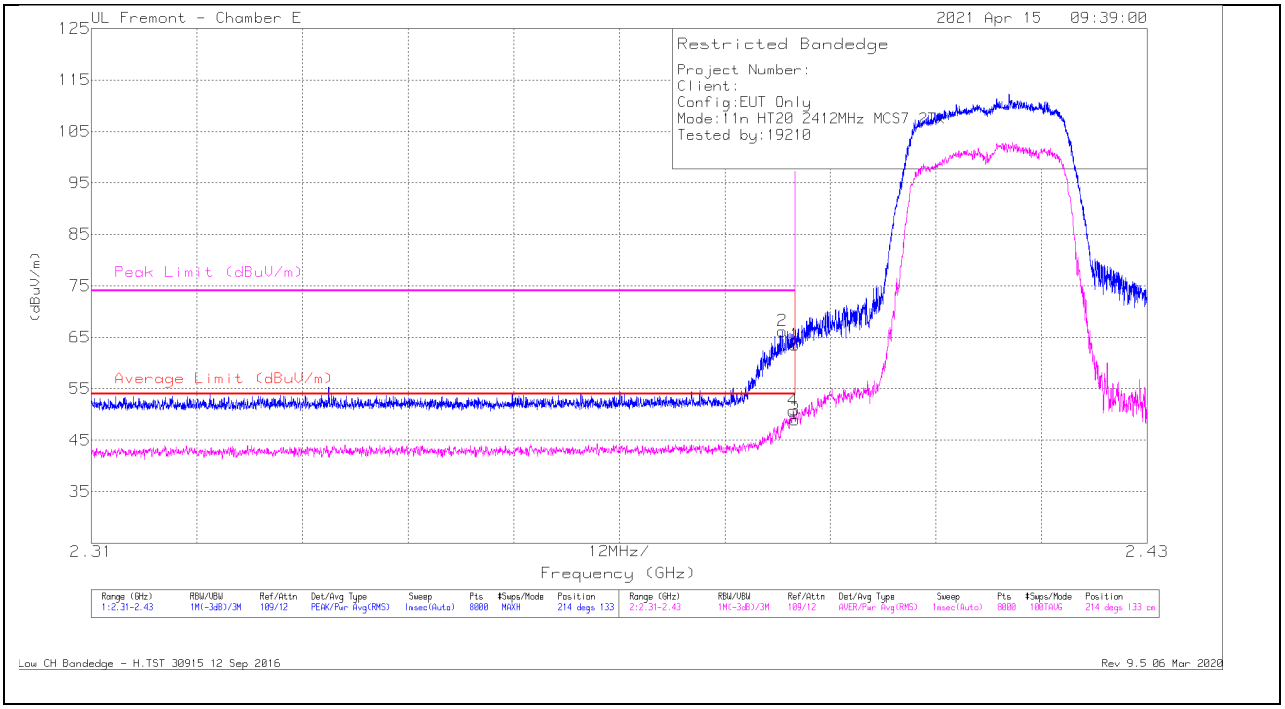
10.1.3. 11n HT20 MODE 2TX MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	48.97	Pk	32.2	-17.6	0	63.57	-	-	74	-10.43	214	133	H
2	* 2.38855	51.64	Pk	32.2	-17.6	0	66.24	-	-	74	-7.76	214	133	H
3	* 2.38999	33.71	RMS	32.2	-17.6	.39	48.70	54	-5.30	-	-	214	133	H
4	* 2.38978	35.5	RMS	32.2	-17.6	.39	50.49	54	-3.51	-	-	214	133	H

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

Pk - Peak detector
RMS - RMS detection

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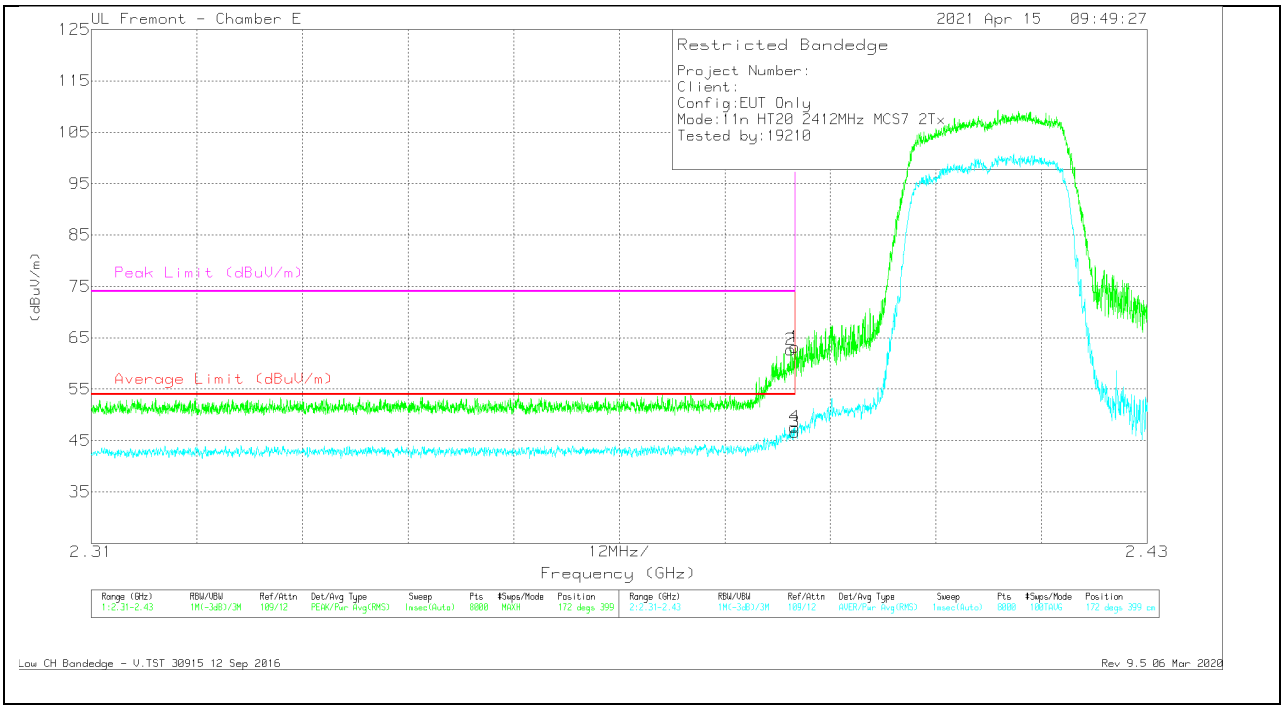
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.3895	48.1	Pk	32.2	-17.6	0	62.7	-	-	74	-11.3	172	399	V
4	* 2.38993	32.41	RMS	32.2	-17.6	.39	47.40	54	-6.60	-	-	172	399	V
1	* 2.38999	48.61	Pk	32.2	-17.6	0	63.21	-	-	74	-10.79	172	399	V
3	* 2.38999	31.44	RMS	32.2	-17.6	.39	46.43	54	-7.57	-	-	172	399	V

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

Pk - Peak detector
RMS - RMS detection

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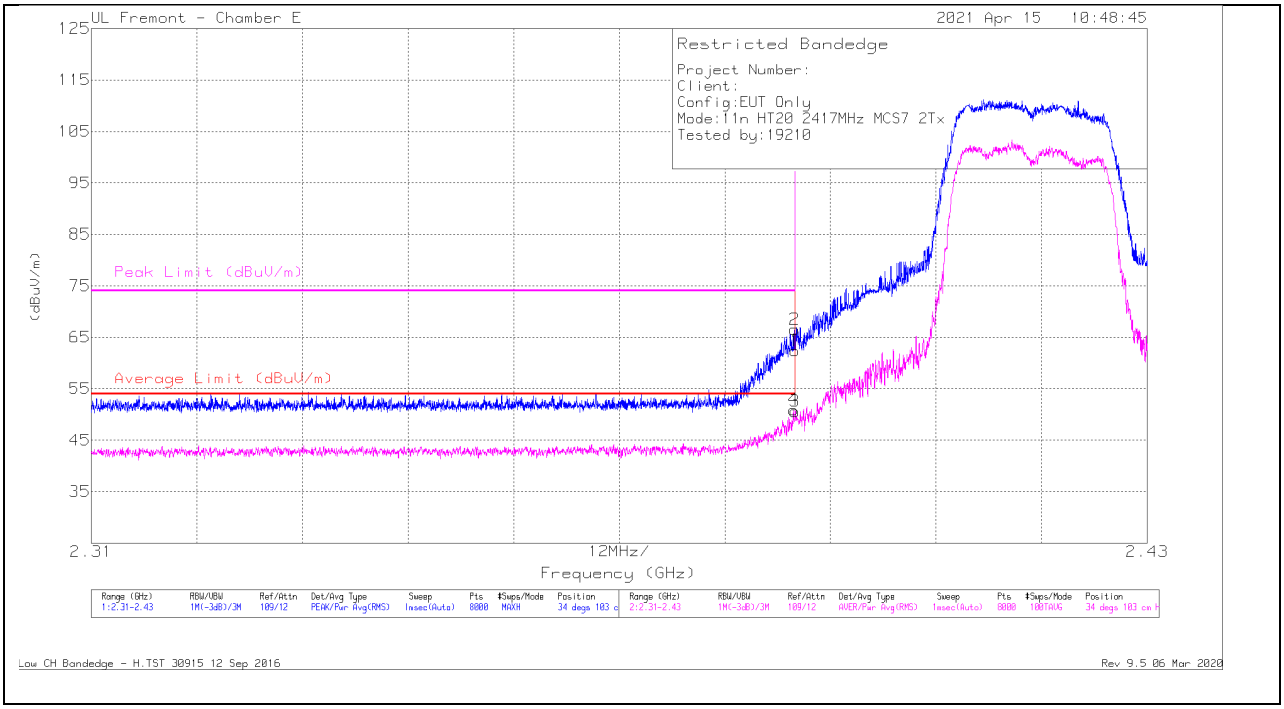
BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.38981	35.69	RMS	32.2	-17.6	.39	50.68	54	-3.32	-	-	34	103	H
2	* 2.38993	51.94	Pk	32.2	-17.6	0	66.54	-	-	74	-7.46	34	103	H
1	* 2.38999	47.81	Pk	32.2	-17.6	0	62.41	-	-	74	-11.59	34	103	H
3	* 2.38999	35.37	RMS	32.2	-17.6	.39	50.36	54	-3.64	-	-	34	103	H

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

Pk - Peak detector
RMS - RMS detection

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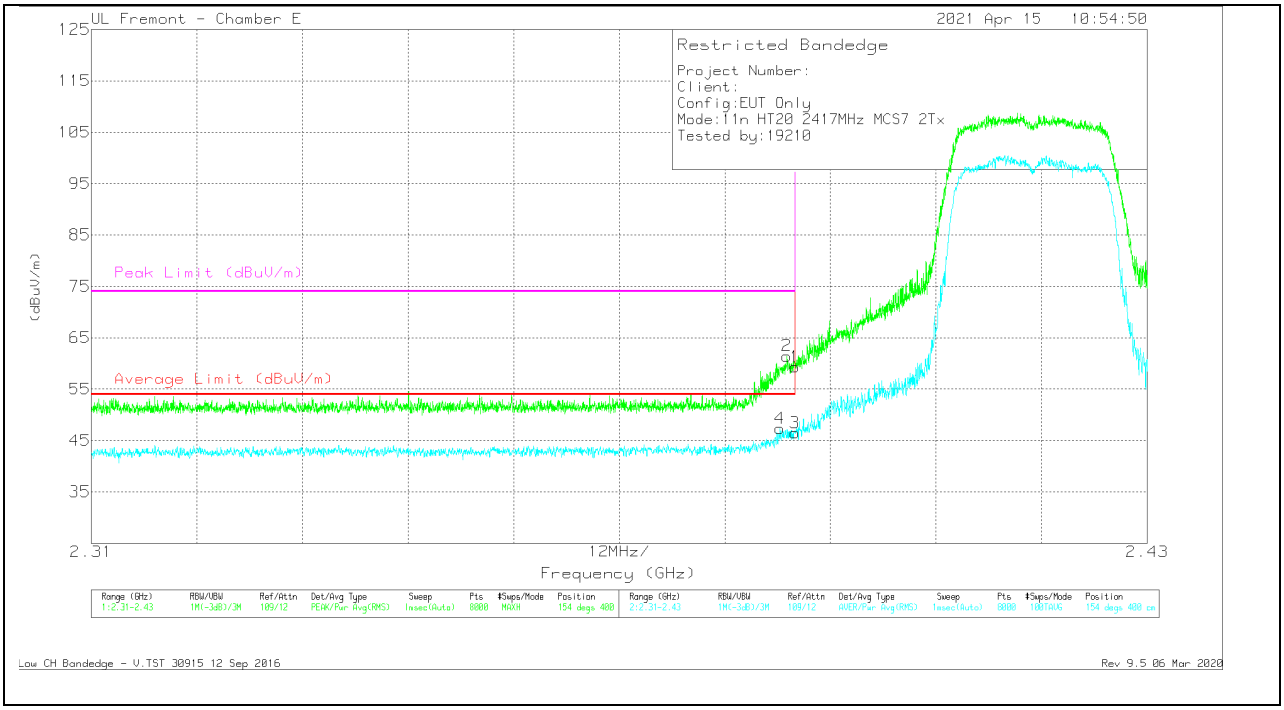
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE00 78107 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.38827	32.11	RMS	32.2	-17.6	.39	47.10	54	-6.90	-	-	154	400	V
2	* 2.38905	46.87	Pk	32.2	-17.6	0	61.47	-	-	74	-12.53	154	400	V
1	* 2.38999	44.72	Pk	32.2	-17.6	0	59.32	-	-	74	-14.68	154	400	V
3	* 2.38999	31.25	RMS	32.2	-17.6	.39	46.24	54	-7.76	-	-	154	400	V

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

Pk - Peak detector
RMS - RMS detection

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