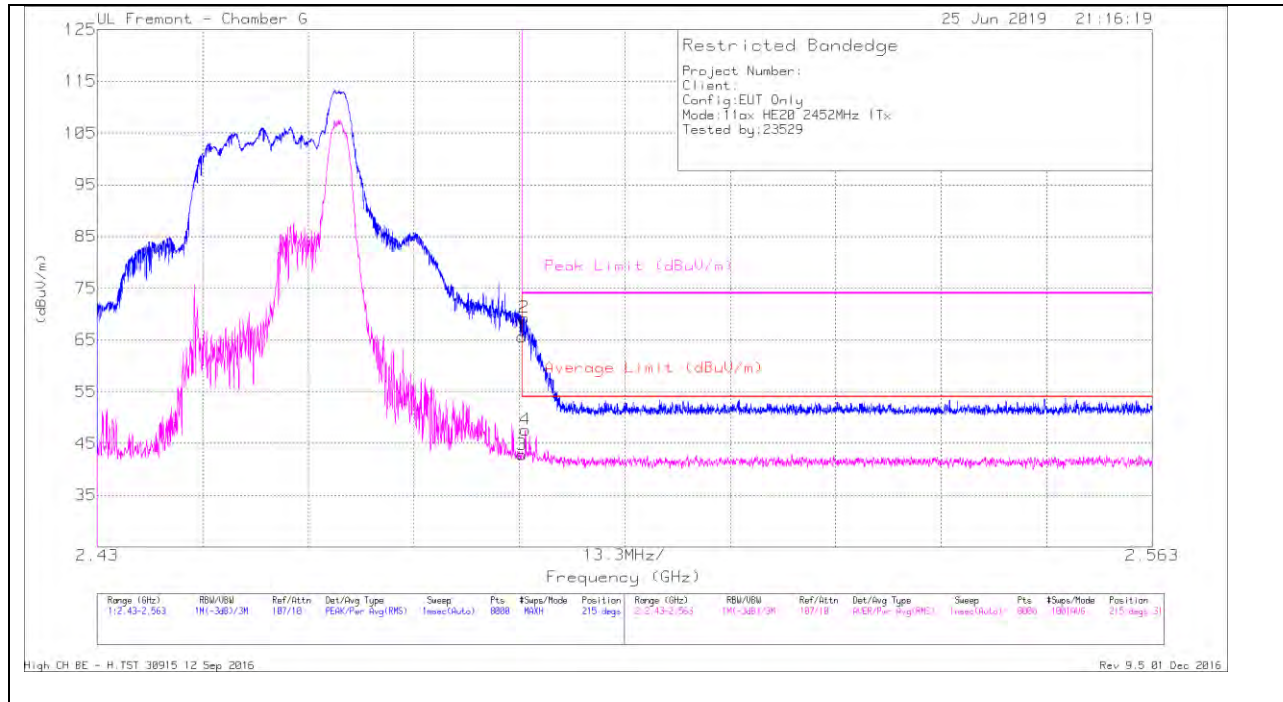


ANTENNA 3 LEGACY SISO MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



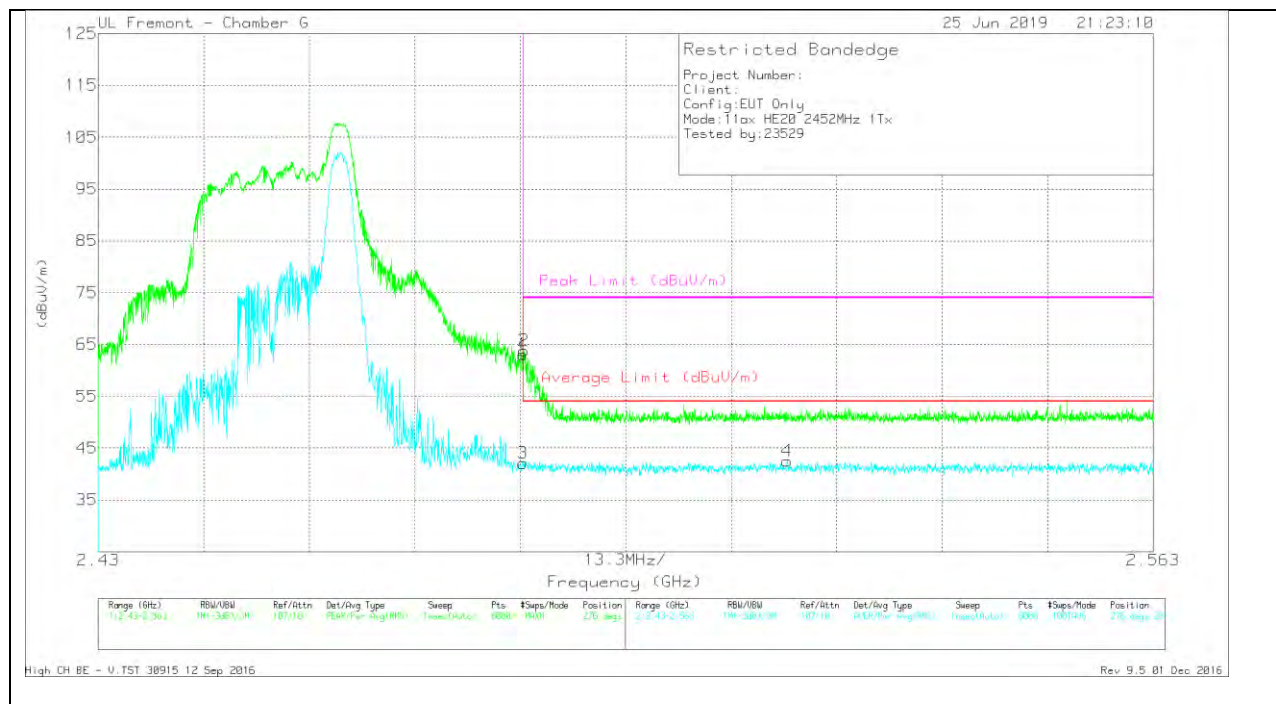
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.32	Pk	32.4	-22.1	65.62	-	-	74	-8.38	215	317	H
2	* 2.484	59.01	Pk	32.4	-22.1	69.31	-	-	74	-4.69	215	317	H
3	* 2.484	32.55	RMS	32.4	-22.1	42.85	54	-11.15	-	-	215	317	H
4	* 2.484	37.36	RMS	32.4	-22.1	47.66	54	-6.34	-	-	215	317	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.79	Pk	32.4	-22.1	63.09	-	-	74	-10.91	276	287	V
2	* 2.484	53.49	Pk	32.4	-22.1	63.79	-	-	74	-10.21	276	287	V
3	* 2.484	31.79	RMS	32.4	-22.1	42.09	54	-11.91	-	-	276	287	V
4	2.517	32.32	RMS	32.4	-22.2	42.52	54	-11.48	-	-	276	287	V

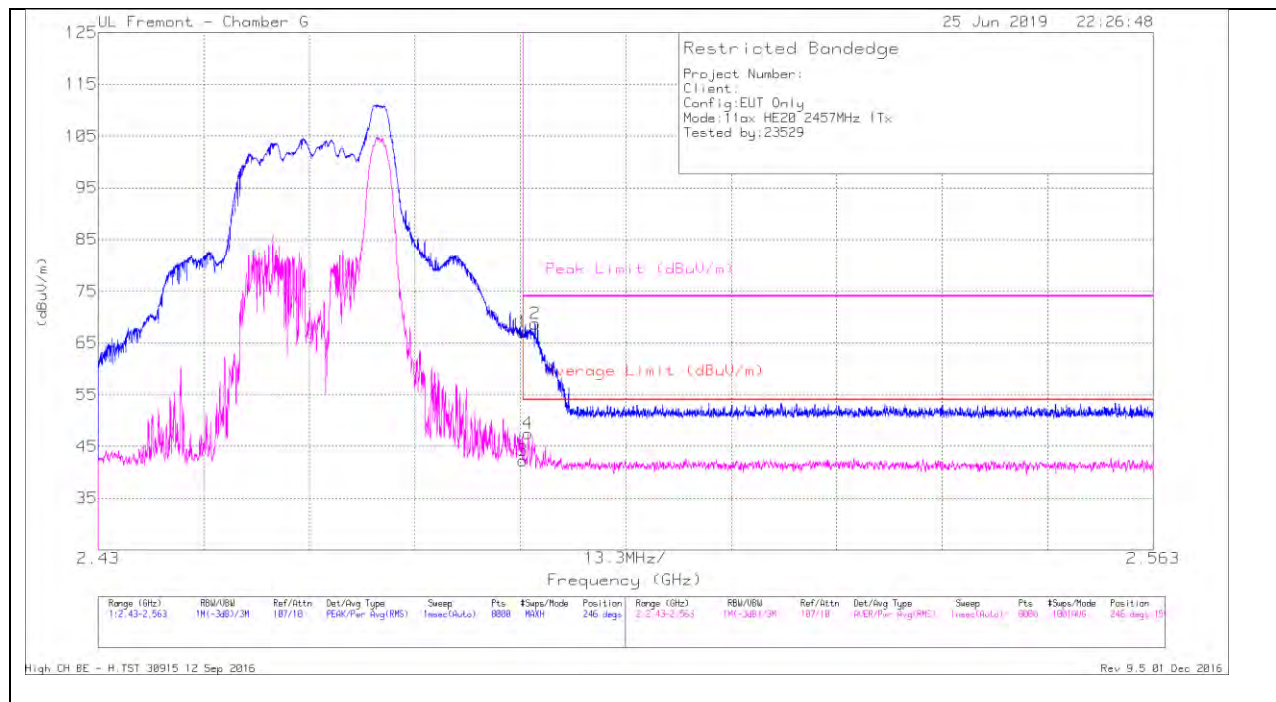
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



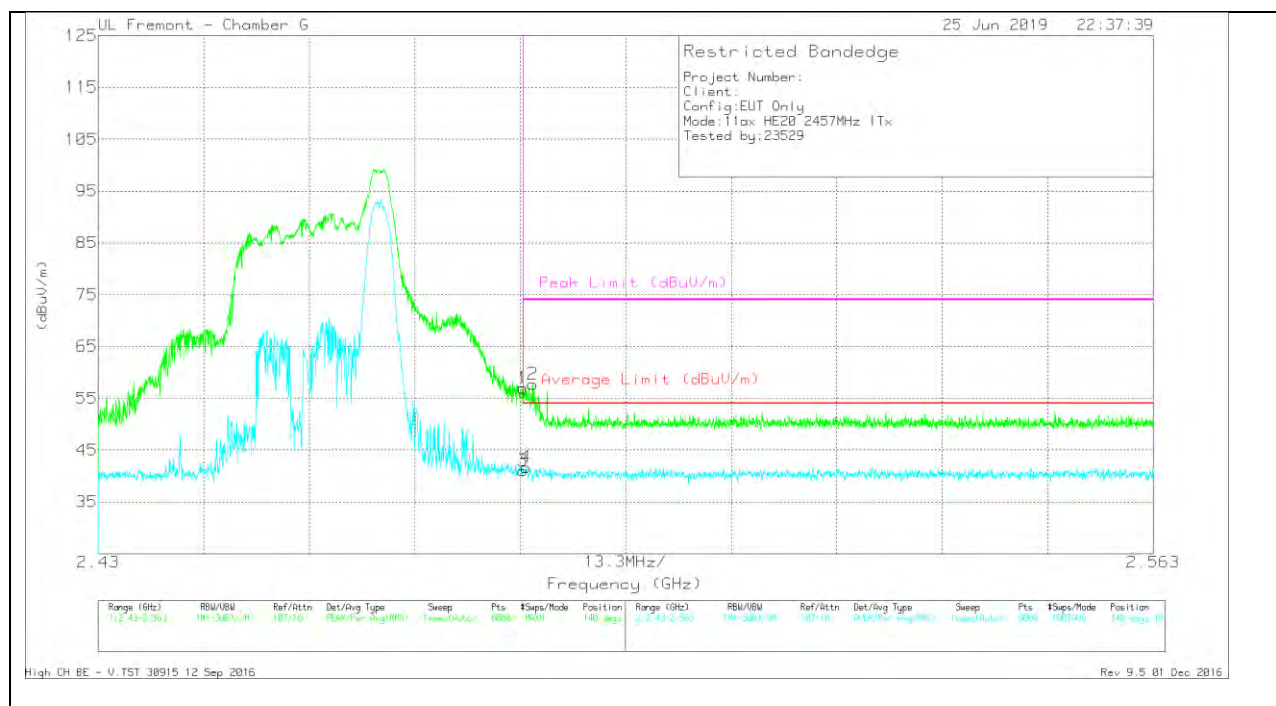
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.77	Pk	32.4	-22.1	67.07	-	-	74	-6.93	246	159	H
2	* 2.485	58.53	Pk	32.4	-22.2	68.73	-	-	74	-5.27	246	159	H
3	* 2.484	31.97	RMS	32.4	-22.1	42.27	54	-11.73	-	-	246	159	H
4	* 2.484	37.22	RMS	32.4	-22.1	47.52	54	-6.48	-	-	246	159	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.67	Pk	32.4	-22.1	56.97	-	-	74	-17.03	140	101	V
2	* 2.485	47.41	Pk	32.4	-22.1	57.71	-	-	74	-16.29	140	101	V
3	* 2.484	30.76	RMS	32.4	-22.1	41.06	54	-12.94	-	-	140	101	V
4	* 2.484	31.38	RMS	32.4	-22.1	41.68	54	-12.32	-	-	140	101	V

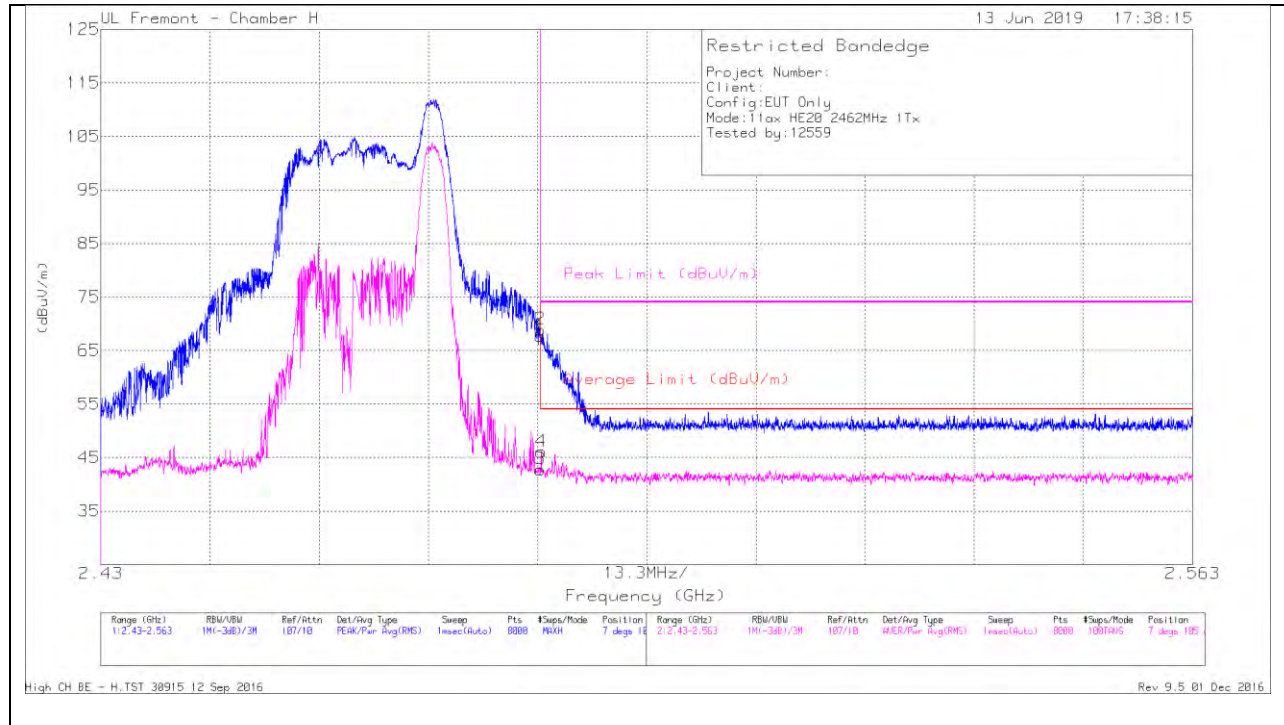
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



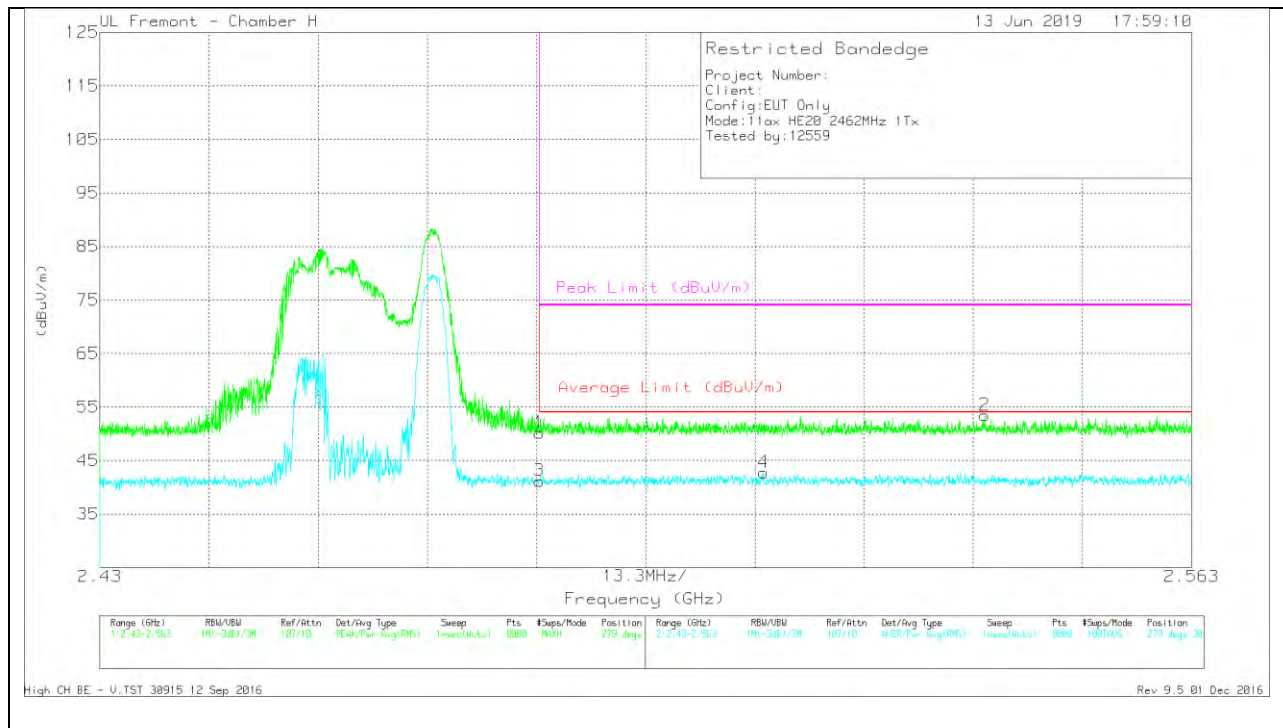
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.48	Pk	32.5	-23.3	67.68	-	-	74	-6.32	7	105	H
2	* 2.484	59.75	Pk	32.5	-23.3	68.95	-	-	74	-5.05	7	105	H
3	* 2.484	33.58	RMS	32.5	-23.3	42.78	54	-11.22	-	-	7	105	H
4	* 2.484	36.89	RMS	32.5	-23.3	46.09	54	-7.91	-	-	7	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	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.97	Pk	32.5	-23.3	50.17	-	-	74	-23.83	279	301	V
3	* 2.484	32	RMS	32.5	-23.3	41.2	54	-12.8	-	-	279	301	V
4	2.511	33.45	RMS	32.6	-23.3	42.75	54	-11.25	-	-	279	301	V
2	2.538	44.06	Pk	32.5	-23.1	53.46	-	-	74	-20.54	279	301	V

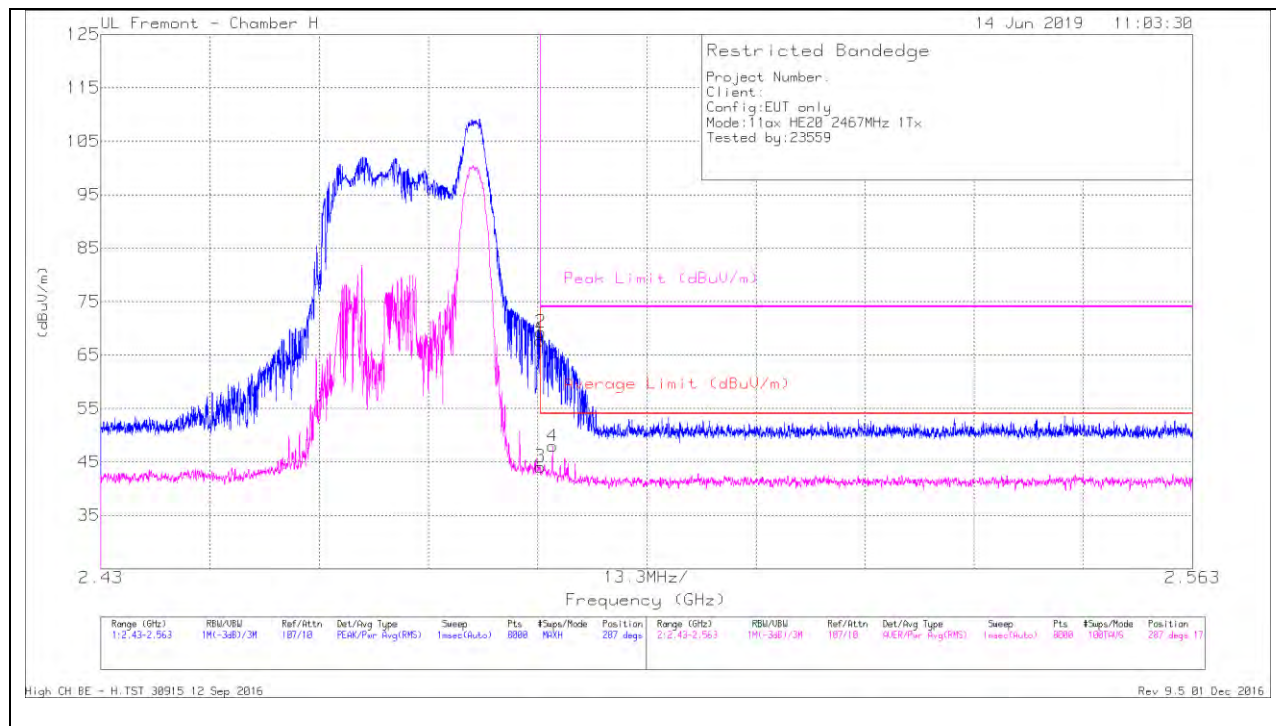
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



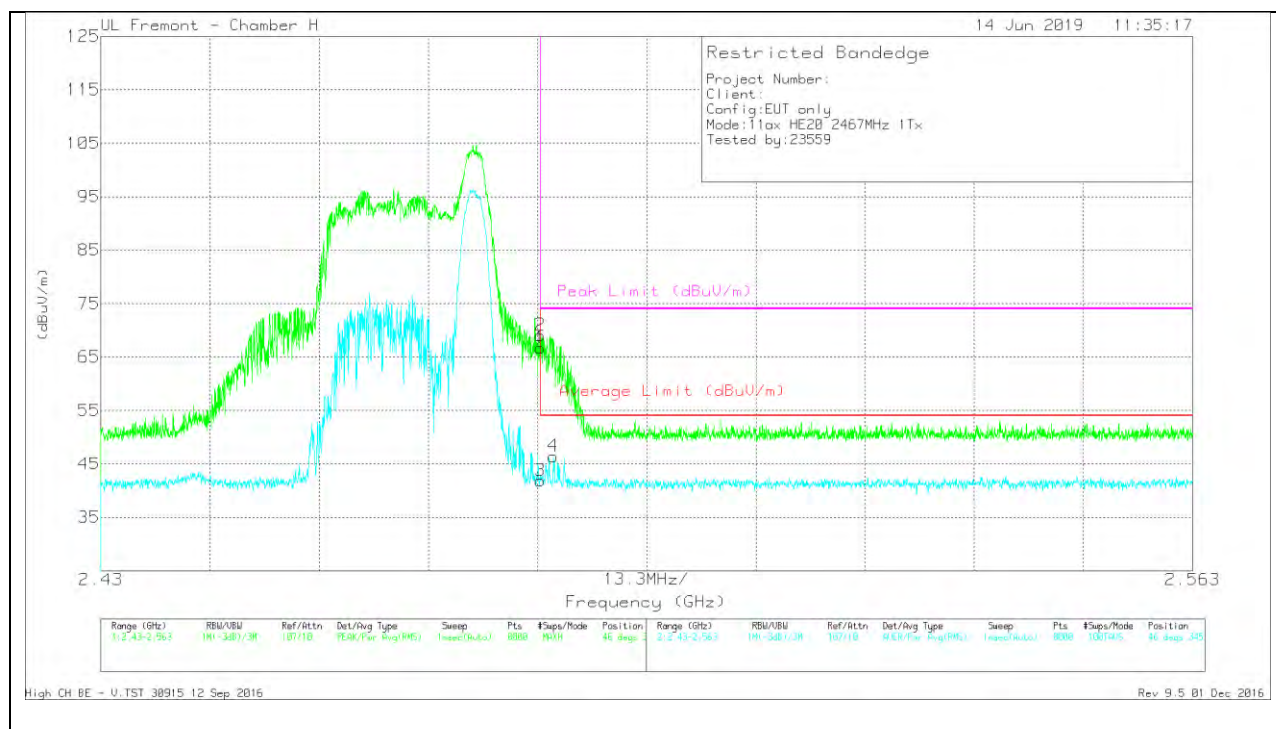
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.52	PK	32.5	-23.3	67.72	-	-	74	-6.28	287	171	H
2	* 2.484	60.08	PK	32.5	-23.3	69.28	-	-	74	-4.72	287	171	H
3	* 2.484	34.9	RMS	32.5	-23.3	44.1	54	-9.9	-	-	287	171	H
4	* 2.485	38.74	RMS	32.5	-23.3	47.94	54	-6.06	-	-	287	171	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	57.51	Pk	32.5	-23.3	66.71	-	-	74	-7.29	46	345	V
2	* 2.484	59.83	PK	32.5	-23.3	69.03	-	-	74	-4.97	46	345	V
3	* 2.484	32.67	RMS	32.5	-23.3	41.87	54	-12.13	-	-	46	345	V
4	* 2.485	37.23	RMS	32.5	-23.3	46.43	54	-7.57	-	-	46	345	V

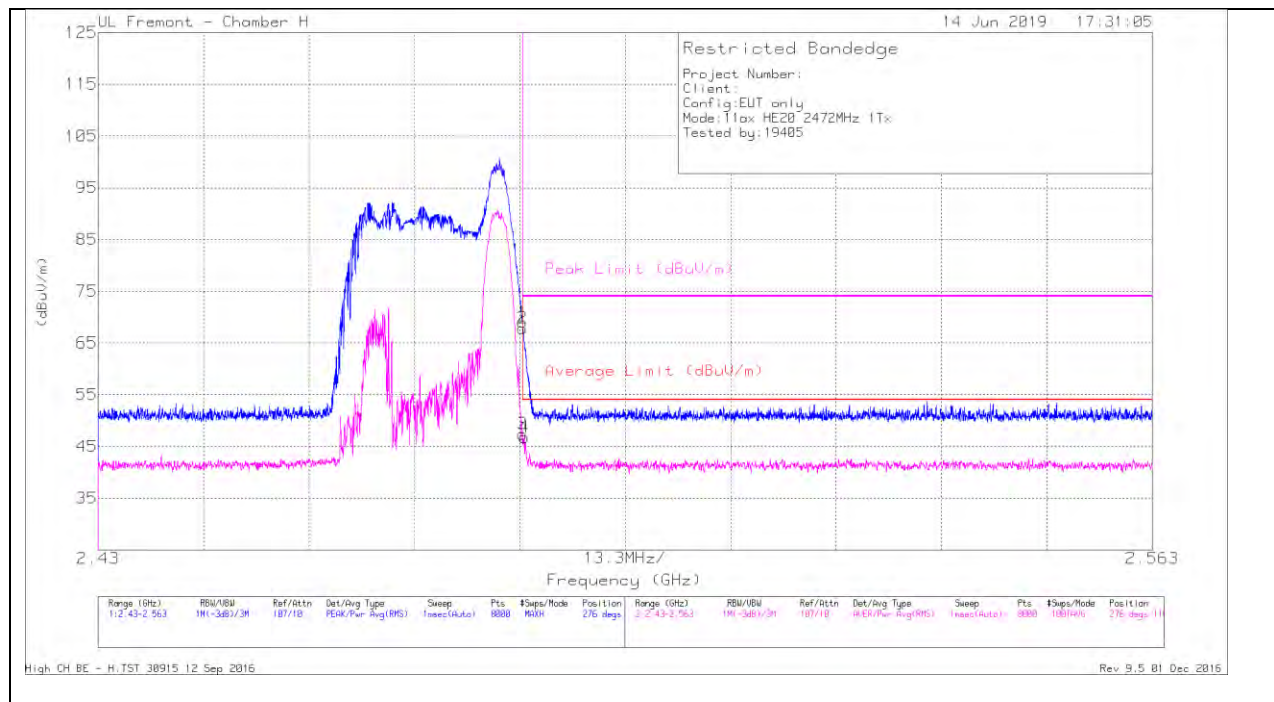
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



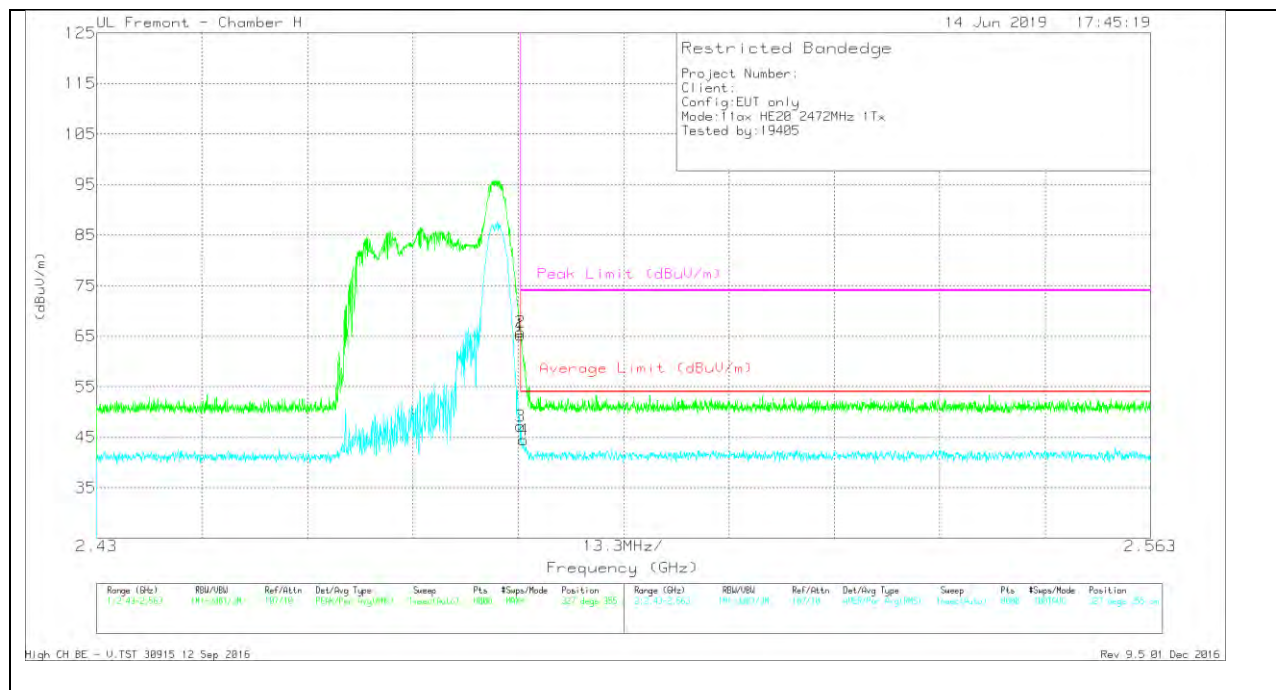
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	59.8	Pk	32.5	-23.3	69	-	-	74	-5	276	110	H
2	* 2.484	58.66	Pk	32.5	-23.3	67.86	-	-	74	-6.14	276	110	H
3	* 2.484	38.21	RMS	32.5	-23.3	47.41	54	-6.59	-	-	276	110	H
4	* 2.484	37.55	RMS	32.5	-23.3	46.75	54	-7.25	-	-	276	110	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.05	Pk	32.5	-23.3	65.25	-	-	74	-8.75	327	355	V
2	* 2.484	56.62	Pk	32.5	-23.3	65.82	-	-	74	-8.18	327	355	V
3	* 2.484	38.03	RMS	32.5	-23.3	47.23	54	-6.77	-	-	327	355	V
4	* 2.484	35.26	RMS	32.5	-23.3	44.46	54	-9.54	-	-	327	355	V

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

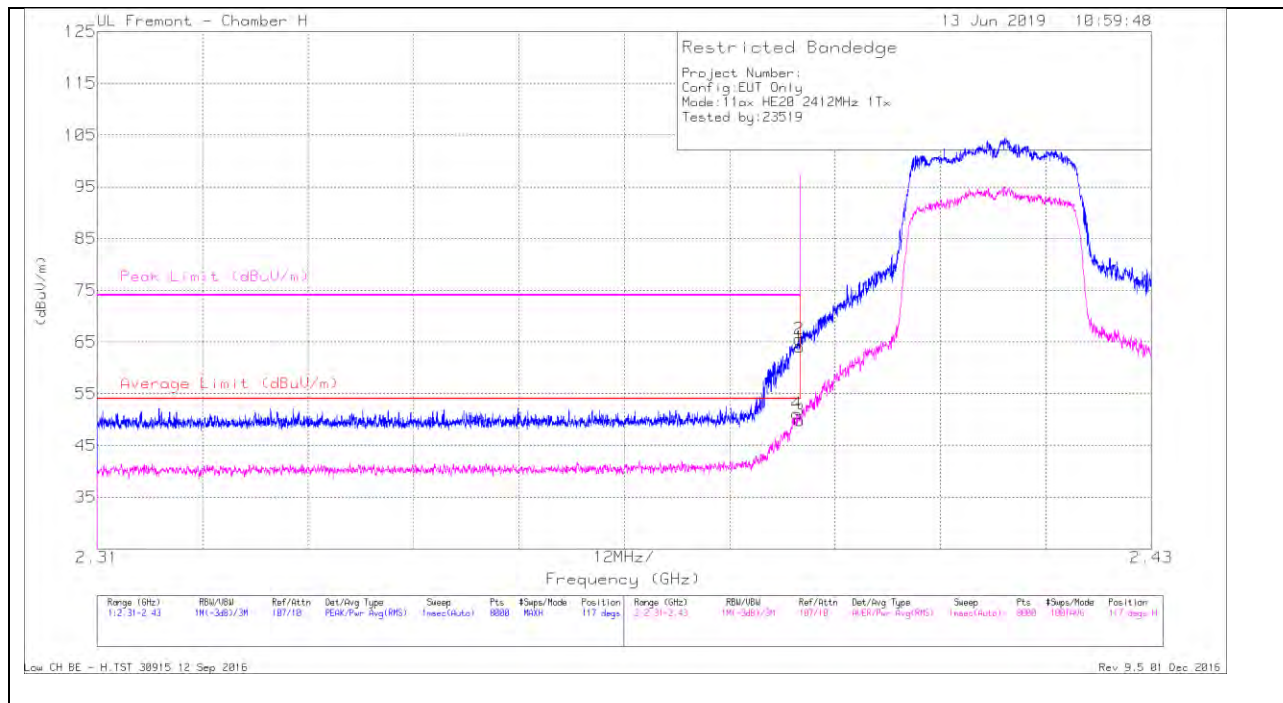
Pk - Peak detector

RMS - RMS detection

ANTENNA 3 LEGACY SISO MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



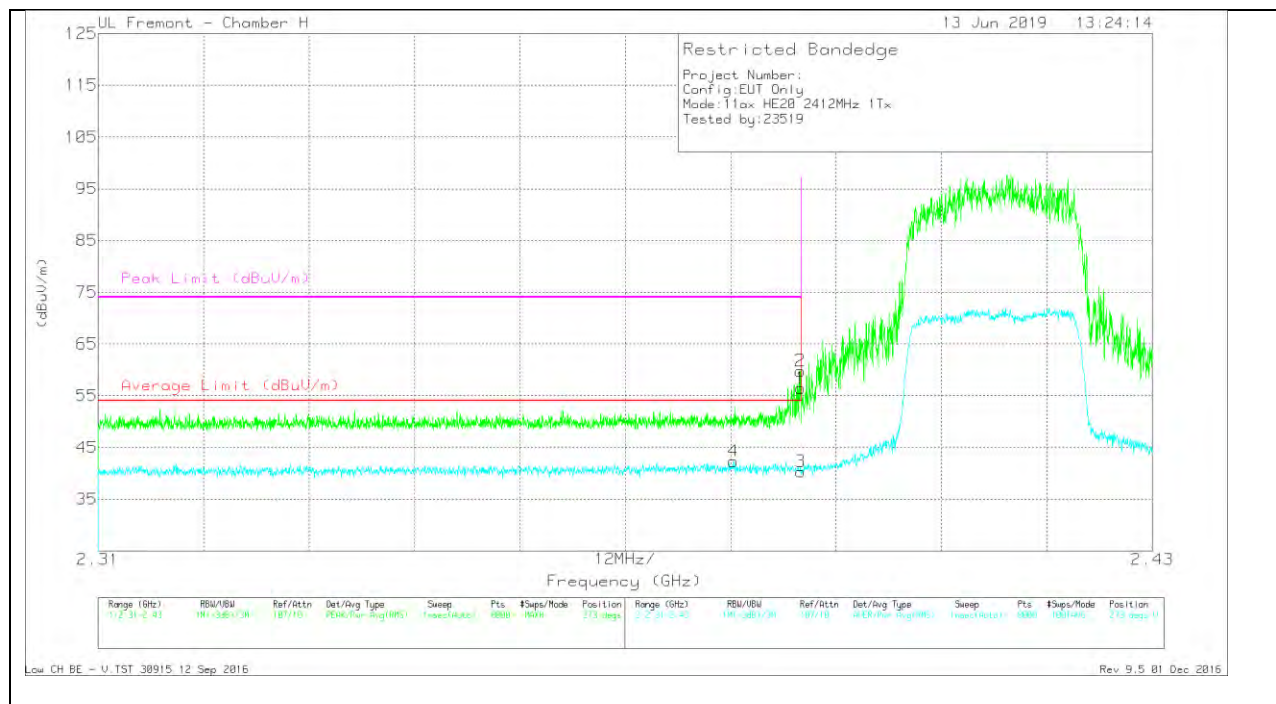
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.4	Pk	32.1	-23.5	64	-	-	74	-10	117	378	H
2	* 2.39	56.96	Pk	32.1	-23.5	65.56	-	-	74	-8.44	117	378	H
3	* 2.39	41.26	RMS	32.1	-23.5	49.86	54	-4.14	-	-	117	378	H
4	* 2.39	42.53	RMS	32.1	-23.5	51.13	54	-2.87	-	-	117	378	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.85	Pk	32.1	-23.5	56.45	-	-	74	-17.55	273	160	V
2	* 2.39	51.19	Pk	32.1	-23.5	59.79	-	-	74	-14.21	273	160	V
3	* 2.39	31.73	RMS	32.1	-23.5	40.33	54	-13.67	-	-	273	160	V
4	* 2.382	33.62	RMS	32.2	-23.5	42.32	54	-11.68	-	-	273	160	V

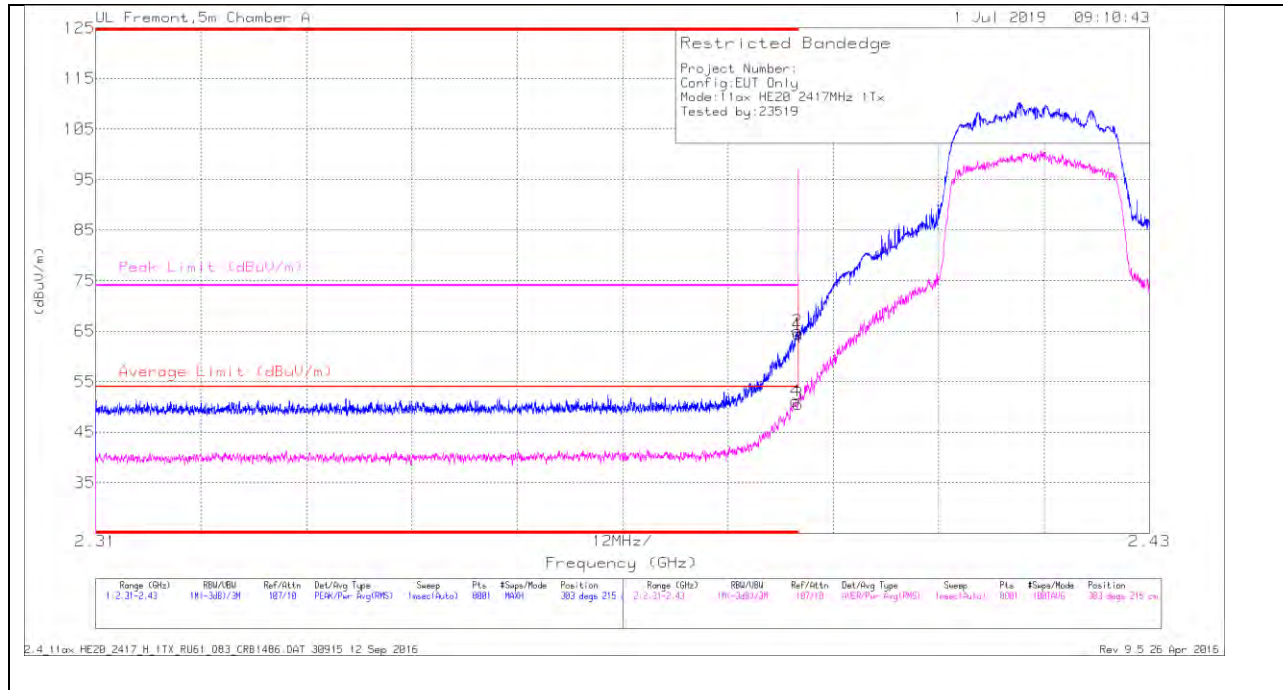
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.5	Pk	32.2	-22.3	64.4	-	-	74	-9.6	303	215	H
2	* 2.39	55.14	Pk	32.2	-22.3	65.04	-	-	74	-8.96	303	215	H
3	* 2.39	40.7	RMS	32.2	-22.3	50.6	54	-3.4	-	-	303	215	H
4	* 2.39	41.31	RMS	32.2	-22.3	51.21	54	-2.79	-	-	303	215	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont, 5m Chamber A

Restricted Bandedge

Project Number:
Config: EUT Only
Mode: ITax HE20 2417MHz 1Tx
Tested by: 23519

Peak Limit (dBUV/m)

Average Limit (dBUV/m)

Frequency (GHz)

Range (GHz)	RBW/ABW	Ref/AltLn	Det/Avg Type	Sweep	PLA	#Saps/Mode	Position	Range (GHz)	RBW/ABW	Ref/AltLn	Det/Avg Type	Sweep	PLA	#Saps/Mode	Position
1.2-3.1-2.43	1M-3dB/10	107/10	PKA/Pwr Avg (MS)	1sec/1000	1000	1000	1000	2.43-2.43	1M-3dB/10	107/10	PKA/Pwr Avg (MS)	1sec/1000	1000	1000	1000

2.4 ITax HE20 2417 U 1TX RU61 083 CRB1486 DAT 38915 12 Sep 2016

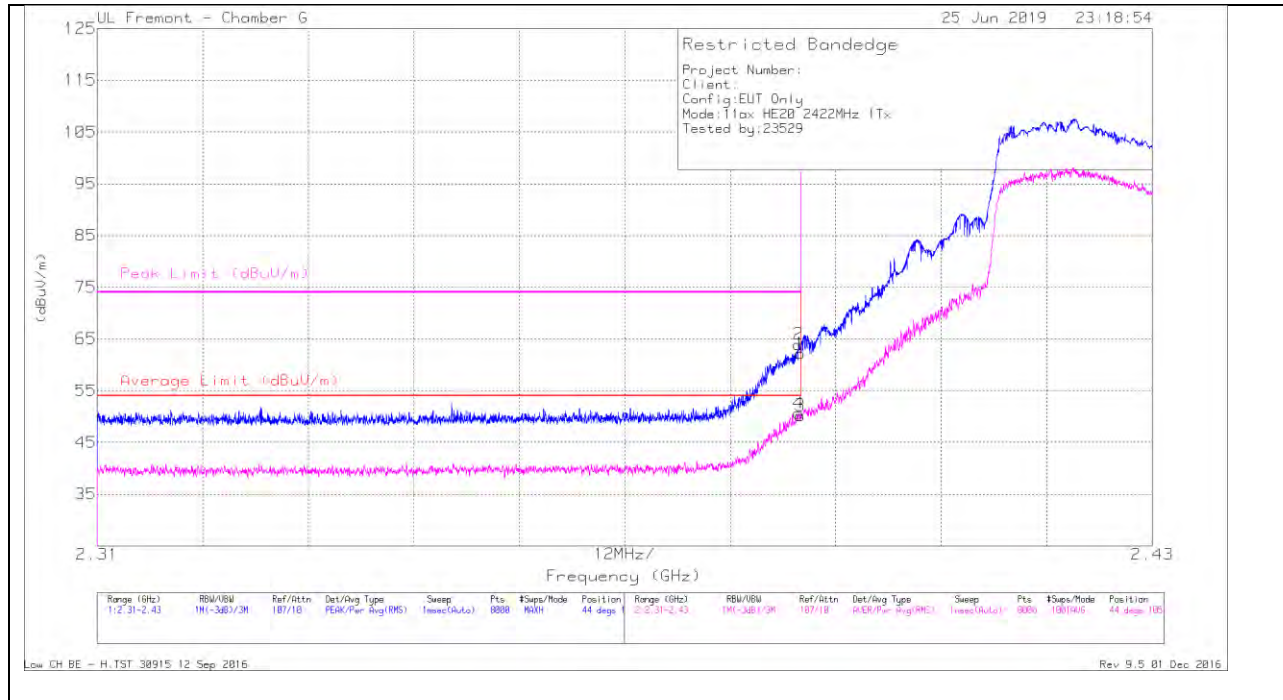
Rev 9 5 26 Apr 2016

Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T346 (dB/m)	Amp/Cbl/Fit/Pr ad (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.389	49.35	Pk	32.2	-22.3	59.25	-	-	74	-14.75	104	336	V
1	* 2.39	48.84	Pk	32.2	-22.3	58.74	-	-	74	-15.26	104	336	V
3	* 2.39	35.5	RMS	32.2	-22.3	45.4	54	-8.6	-	-	104	336	V
4	* 2.39	35.95	RMS	32.2	-22.3	45.85	54	-8.15	-	-	104	336	V

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

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



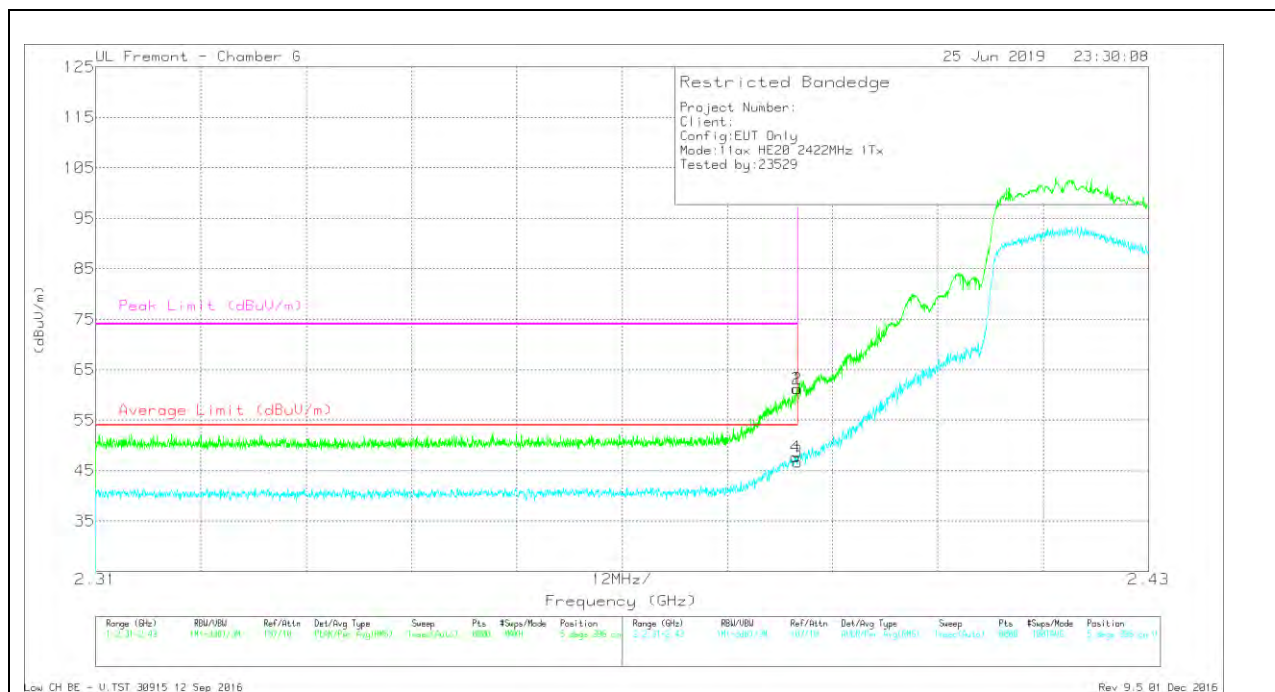
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.49	Pk	31.9	-22.2	62.19	-	-	74	-11.81	44	105	H
2	* 2.39	54.26	Pk	31.9	-22.2	63.96	-	-	74	-10.04	44	105	H
3	* 2.39	40.49	RMS	31.9	-22.2	50.19	54	-3.81	-	-	44	105	H
4	* 2.39	40.92	RMS	31.9	-22.2	50.62	54	-3.38	-	-	44	105	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



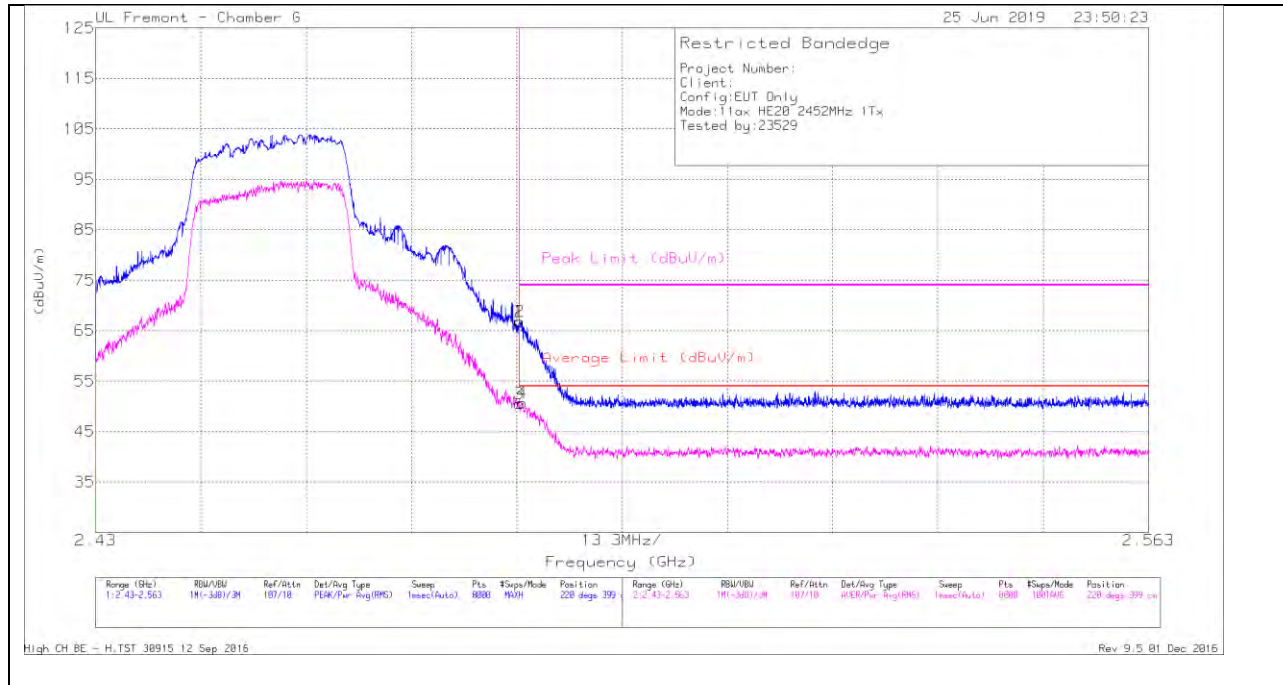
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



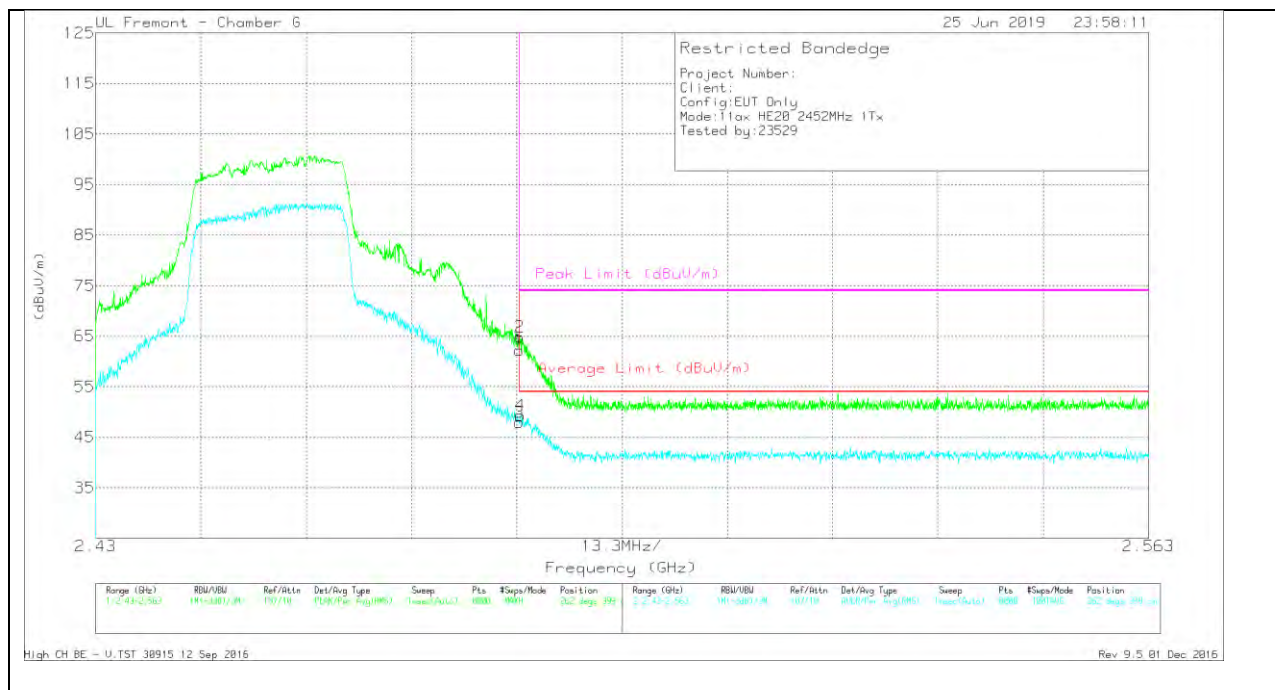
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.45	Pk	32.4	-22.1	66.75	-	-	74	-7.25	220	399	H
2	* 2.484	56.53	Pk	32.4	-22.1	66.83	-	-	74	-7.17	220	399	H
3	* 2.484	40.29	RMS	32.4	-22.1	50.59	54	-3.41	-	-	220	399	H
4	* 2.484	40.42	RMS	32.4	-22.1	50.72	54	-3.28	-	-	220	399	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.9	Pk	32.4	-22.1	62.2	-	-	74	-11.8	262	399	V
2	* 2.484	54.54	Pk	32.4	-22.1	64.84	-	-	74	-9.16	262	399	V
3	* 2.484	37.61	RMS	32.4	-22.1	47.91	54	-6.09	-	-	262	399	V
4	* 2.484	39.03	RMS	32.4	-22.1	49.33	54	-4.67	-	-	262	399	V

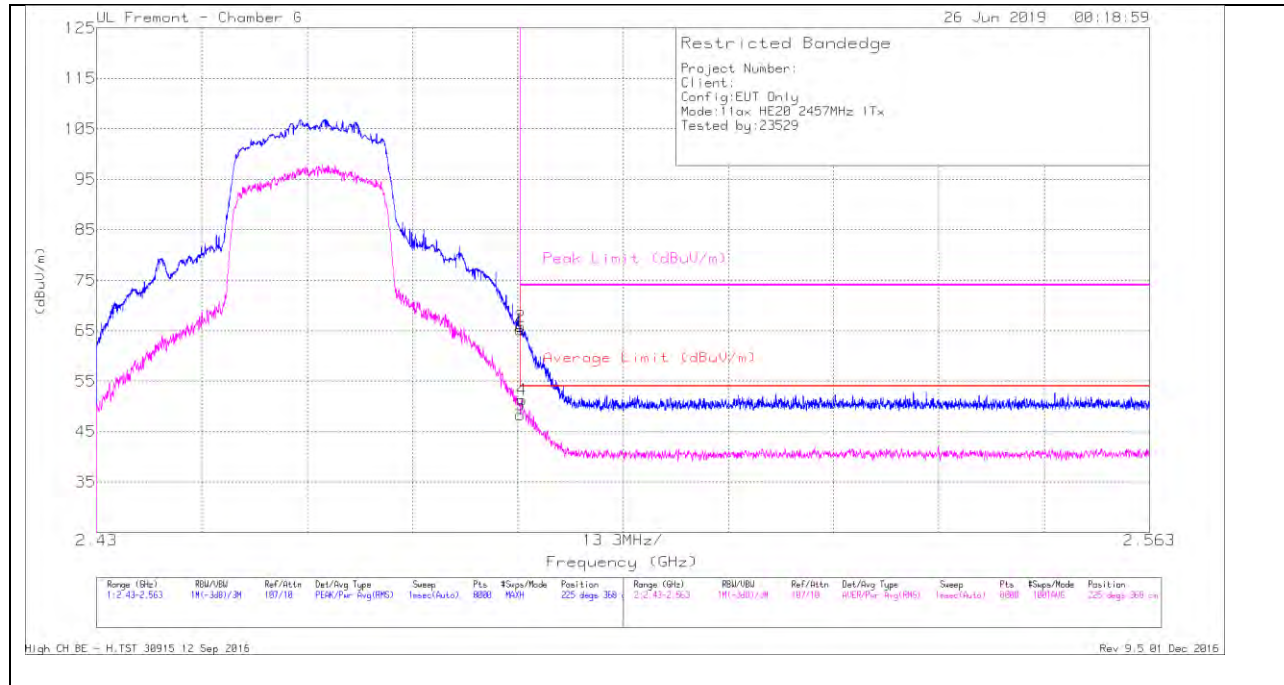
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.85	Pk	32.4	-22.1	65.15	-	-	74	-8.85	225	368	H
2	* 2.484	55.47	Pk	32.4	-22.1	65.77	-	-	74	-8.23	225	368	H
3	* 2.484	38.01	RMS	32.4	-22.1	48.31	54	-5.69	-	-	225	368	H
4	* 2.484	40.98	RMS	32.4	-22.1	51.28	54	-2.72	-	-	225	368	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber 6

26 Jun 2019 00:26:57

Restricted Bandedge

Project Number:
Client:
Config: EUT Only
Mode: 11ax HE20 2457MHz 1Tx
Tested by: 23529

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

13.3MHz/

Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/BW	Det/Avg Type	Sweep	Pts	#Seps/Mode	Position	Range (GHz)	RBW/VBW	Ref/BW	Det/Avg Type	Sweep	Pts	#Seps/Mode	Position
1.2-43-2.563	1MHz/100kHz	170/10	Peak/Pre Avg (RMS)	Trace/Auto	10000	10000	301 page 301 of 301	2.4-43-2.563	1MHz/100kHz	170/10	Peak/Pre Avg (RMS)	Trace/Auto	10000	10000	301 page 301 of 301

High CH BE - U-TST 30915 12 Sep 2016

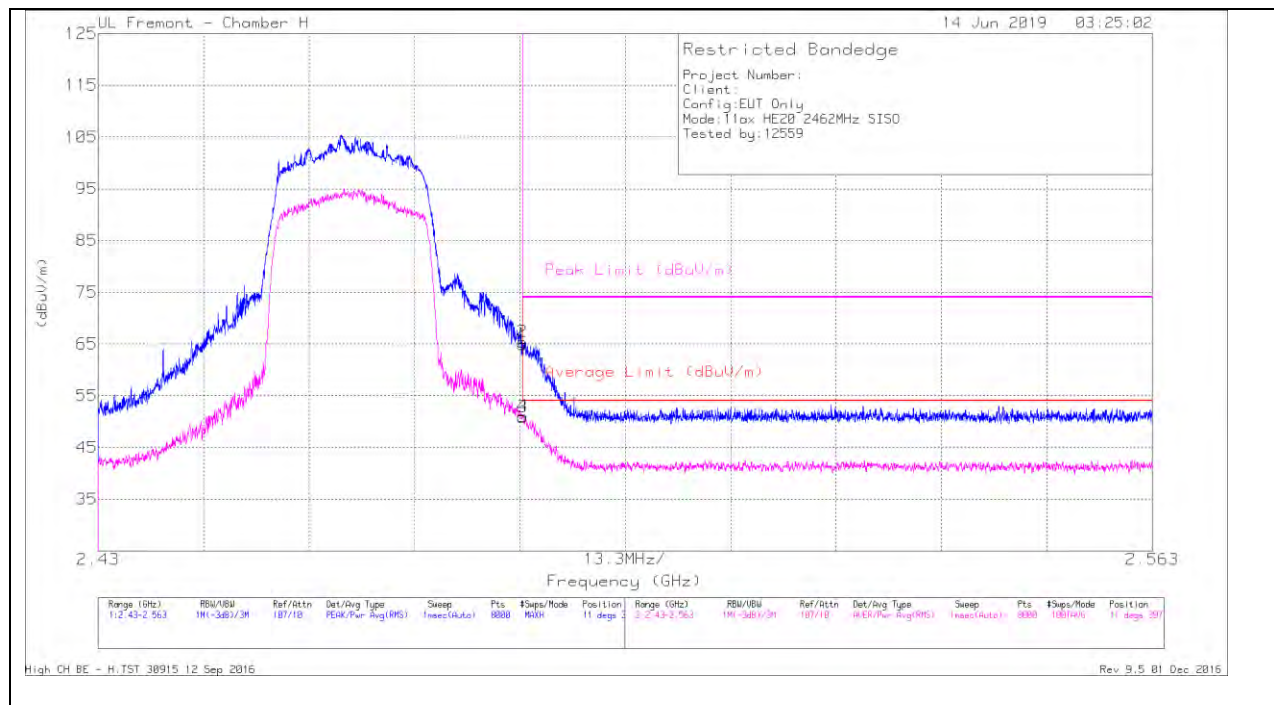
Rev 9.5.01 Dec 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2.484	53.37	Pk	32.4	-22.1	63.67	-	-	74	-10.33	301	368	V
2	* 2.484	54.1	Pk	32.4	-22.1	64.4	-	-	74	-9.6	301	368	V
3	* 2.484	38.46	RMS	32.4	-22.1	48.76	54	-5.24	-	-	301	368	V
4	* 2.484	38.82	RMS	32.4	-22.1	49.12	54	-4.88	-	-	301	368	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



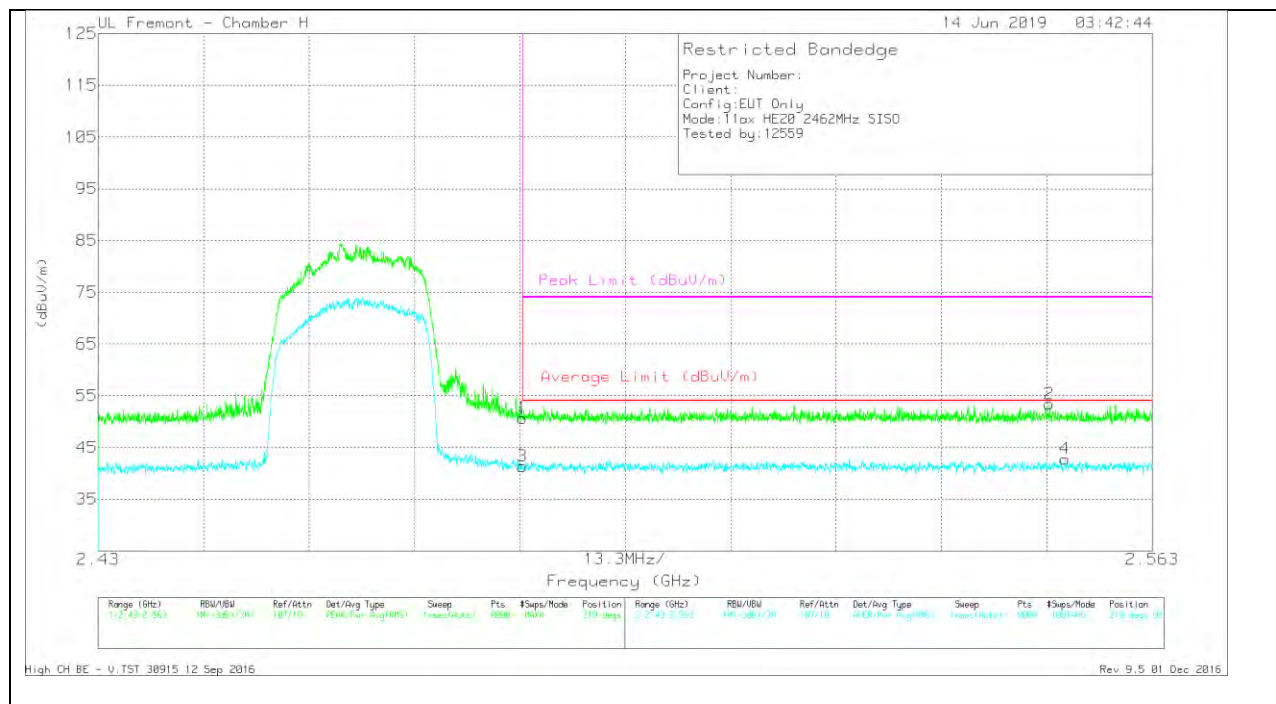
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.7	Pk	32.5	-23.3	64.9	-	-	74	-9.1	11	397	H
2	* 2.484	56.22	Pk	32.5	-23.3	65.42	-	-	74	-8.58	11	397	H
3	* 2.484	41.64	RMS	32.5	-23.3	50.84	54	-3.16	-	-	11	397	H
4	* 2.484	41.82	RMS	32.5	-23.3	51.02	54	-2.98	-	-	11	397	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.48	PK	32.5	-23.3	50.68	-	-	74	-23.32	219	98	V
3	* 2.484	32.15	RMS	32.5	-23.3	41.35	54	-12.65	-	-	219	98	V
2	2.55	44.03	PK	32.5	-23.1	53.43	-	-	74	-20.57	219	98	V
4	2.552	33.48	RMS	32.5	-23.2	42.78	54	-11.22	-	-	219	98	V

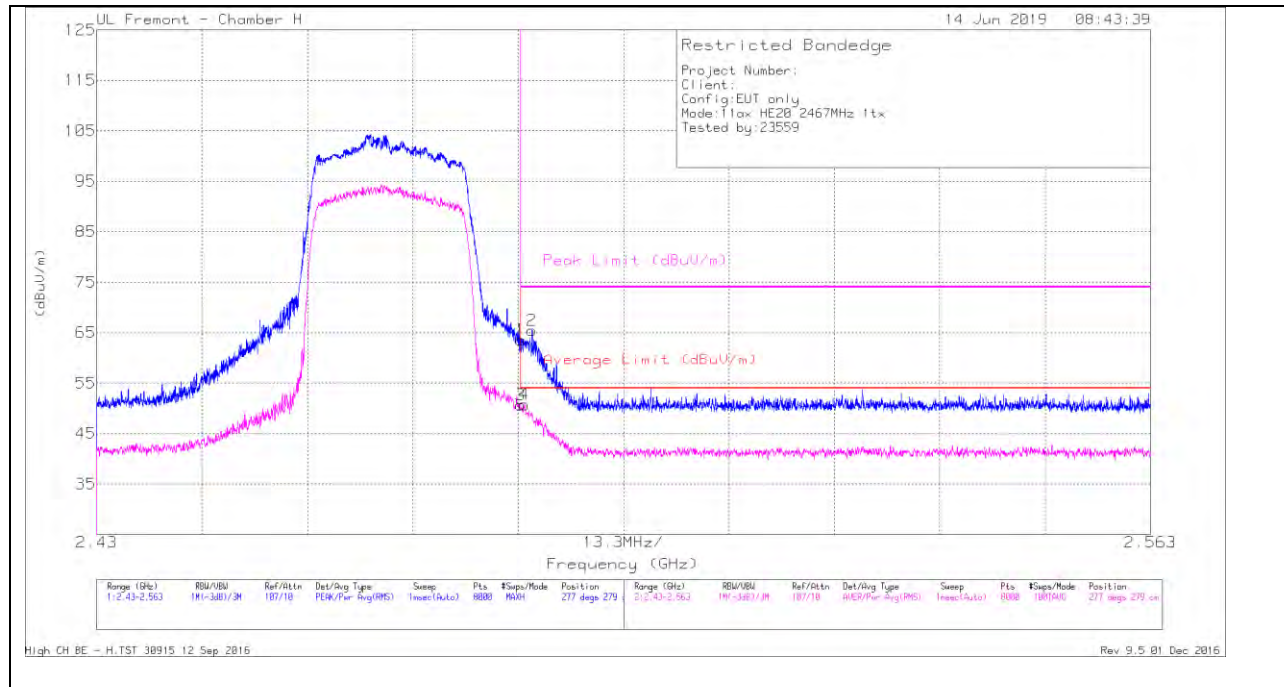
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



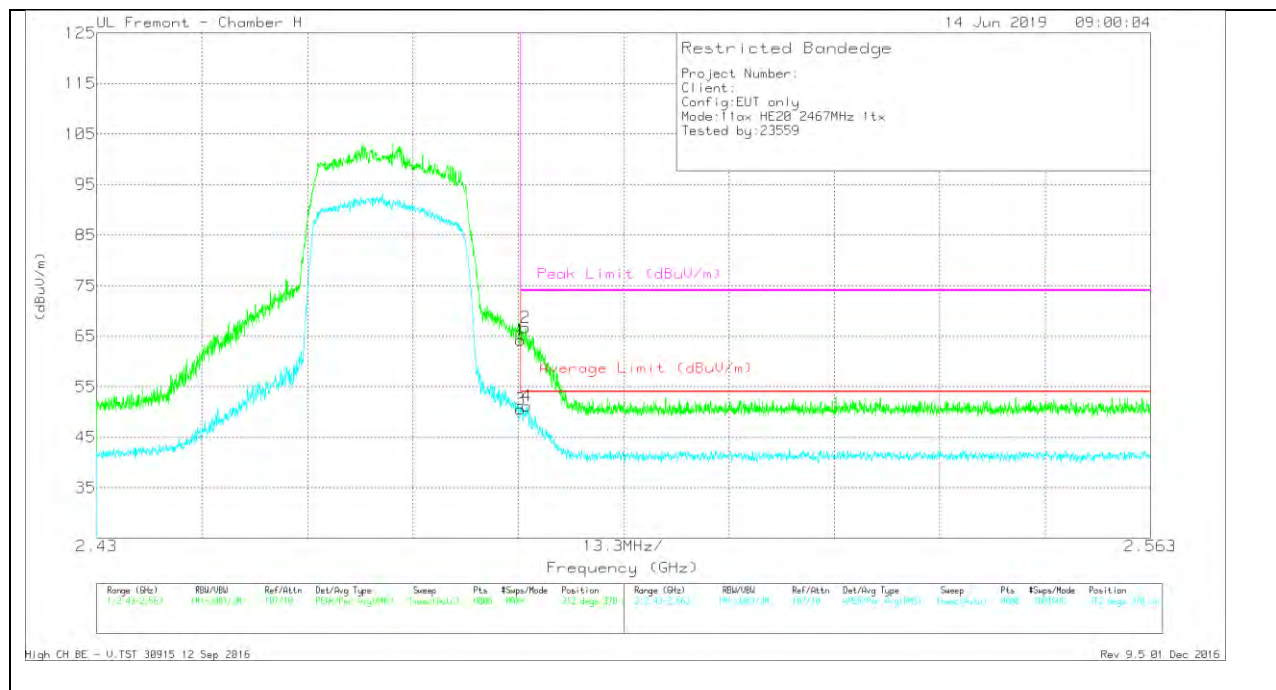
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.37	Pk	32.5	-23.3	63.57	-	-	74	-10.43	277	279	H
2	* 2.485	56.22	Pk	32.5	-23.3	65.42	-	-	74	-8.58	277	279	H
3	* 2.484	41.49	RMS	32.5	-23.3	50.69	54	-3.31	-	-	277	279	H
4	* 2.484	41.53	RMS	32.5	-23.3	50.73	54	-3.27	-	-	277	279	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.05	Pk	32.5	-23.3	64.25	-	-	74	-9.75	312	370	V
2	* 2.484	57.47	Pk	32.5	-23.3	66.67	-	-	74	-7.33	312	370	V
3	* 2.484	41.34	RMS	32.5	-23.3	50.54	54	-3.46	-	-	312	370	V
4	* 2.484	41.95	RMS	32.5	-23.3	51.15	54	-2.85	-	-	312	370	V

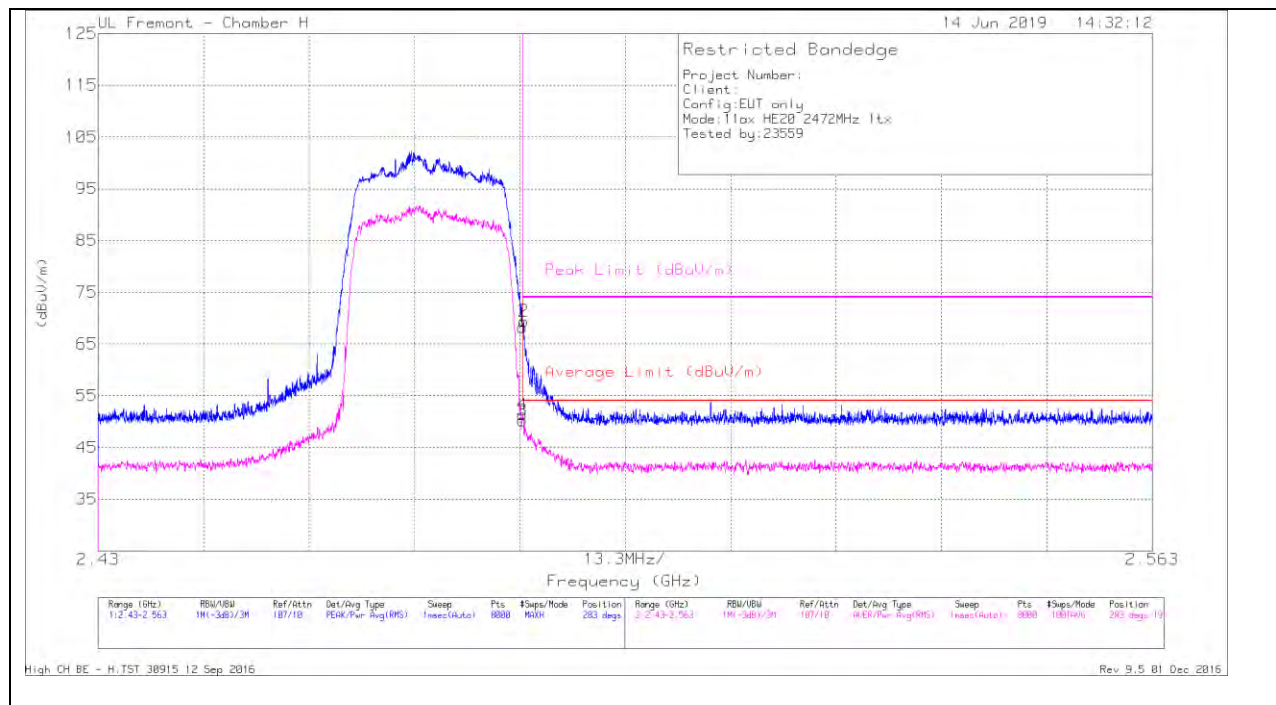
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



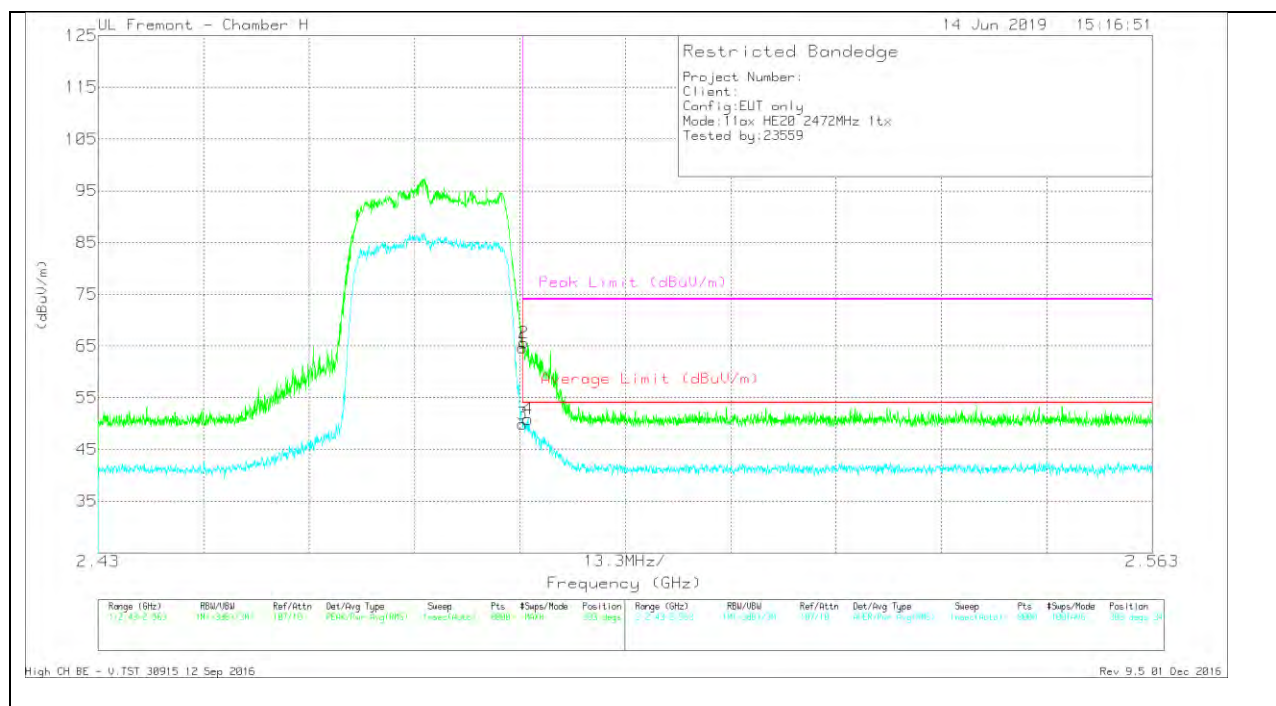
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	59.03	Pk	32.5	-23.3	68.23	-	-	74	-5.77	283	197	H
2	* 2.484	60.19	Pk	32.5	-23.3	69.39	-	-	74	-4.61	283	197	H
3	* 2.484	41.04	RMS	32.5	-23.3	50.24	54	-3.76	-	-	283	197	H
4	* 2.484	42.15	RMS	32.5	-23.3	51.35	54	-2.65	-	-	283	197	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.44	Pk	32.5	-23.3	64.64	-	-	74	-9.36	303	347	V
2	* 2.484	56.39	Pk	32.5	-23.3	65.59	-	-	74	-8.41	303	347	V
3	* 2.484	40.75	RMS	32.5	-23.3	49.95	54	-4.05	-	-	303	347	V
4	* 2.484	41.65	RMS	32.5	-23.3	50.85	54	-3.15	-	-	303	347	V

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

Pk - Peak detector

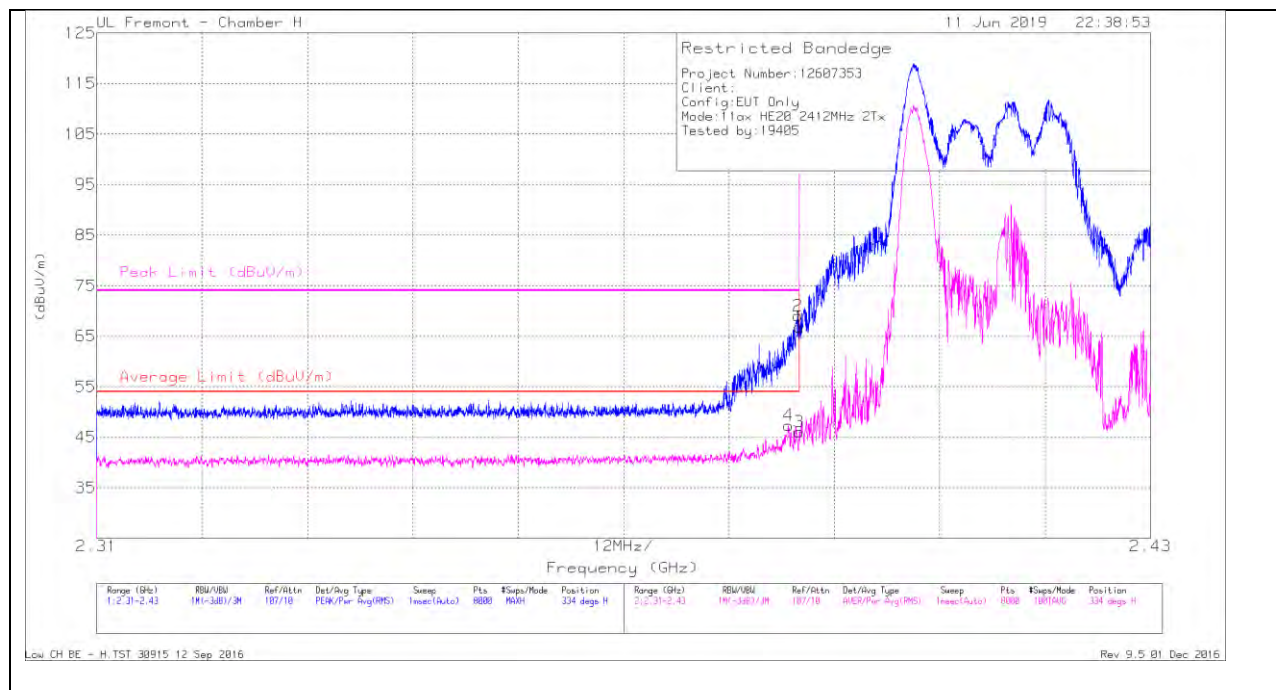
RMS - RMS detection

9.1.4. TX ABOVE 1 GHz 802.11ax HE20 OFDMA MODE IN THE 2.4 GHz BAND

2TX ANTENNA 4 + ANTENNA 3 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



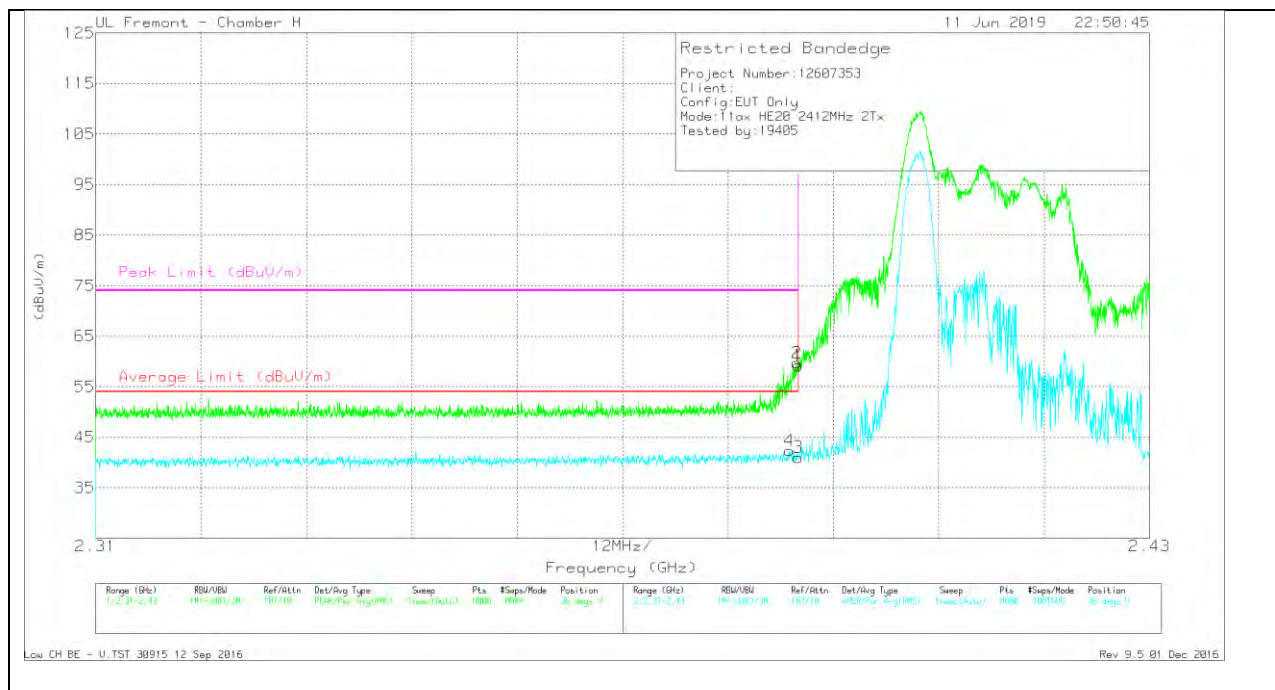
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	58.16	Pk	32.1	-23.5	66.76	-	-	74	-7.24	334	128	H
2	* 2.39	60.42	Pk	32.1	-23.5	69.02	-	-	74	-4.98	334	128	H
3	* 2.39	37.47	RMS	32.1	-23.5	46.07	54	-7.93	-	-	334	128	H
4	* 2.389	38.77	RMS	32.1	-23.5	47.37	54	-6.63	-	-	334	128	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.59	Pk	32.1	-23.5	59.19	-	-	74	-14.81	36	353	V
2	* 2.39	51.09	Pk	32.1	-23.5	59.69	-	-	74	-14.31	36	353	V
3	* 2.39	32.44	RMS	32.1	-23.5	41.04	54	-12.96	-	-	36	353	V
4	* 2.389	33.77	RMS	32.1	-23.5	42.37	54	-11.63	-	-	36	353	V

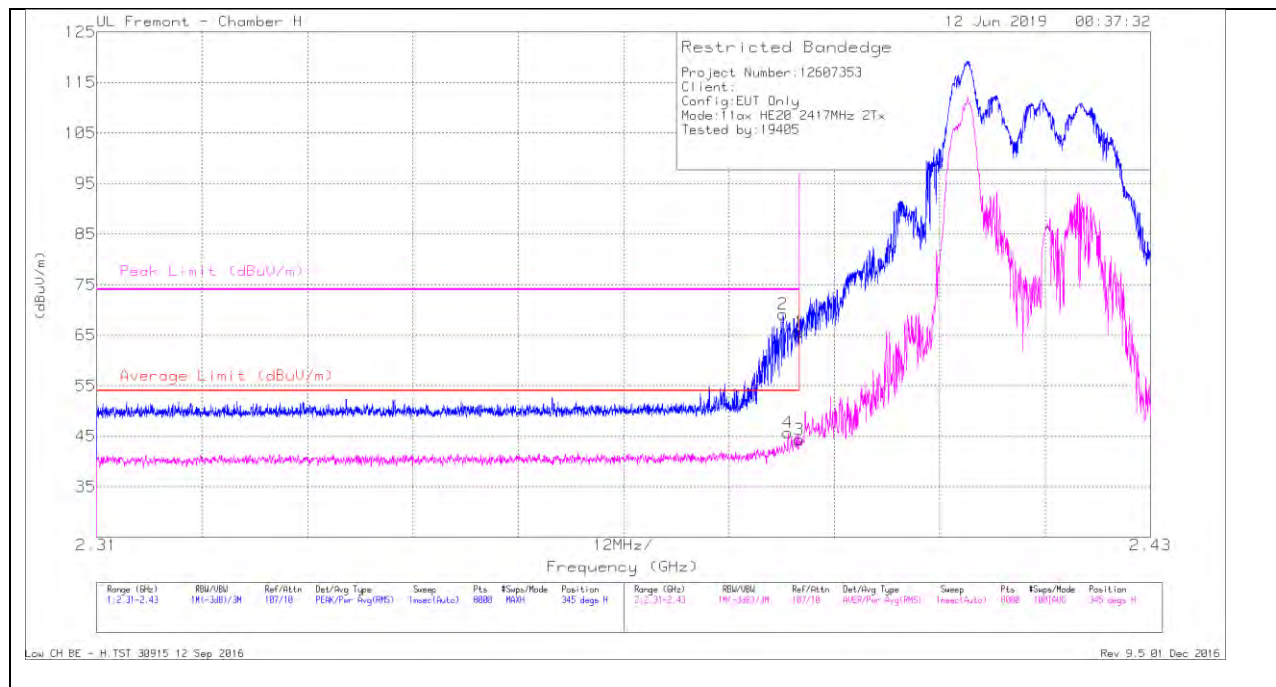
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



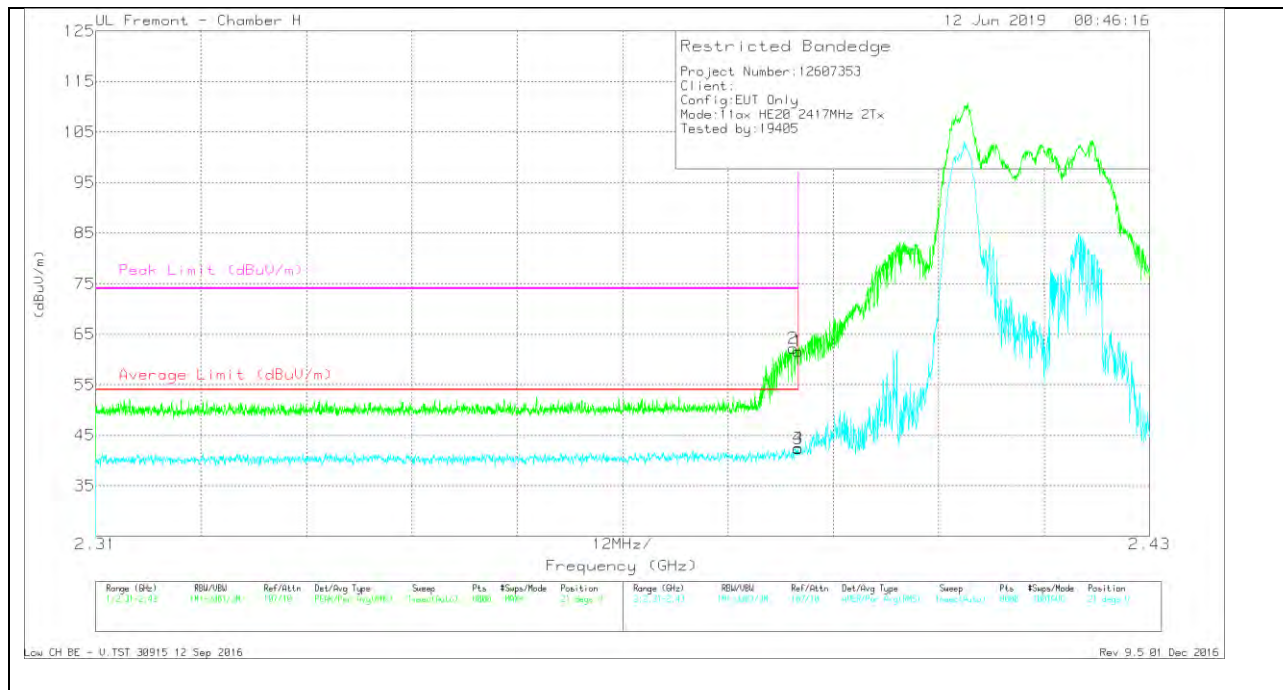
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	56.94	Pk	32.1	-23.5	65.54	-	-	74	-8.46	345	108	H
2	* 2.388	60.61	Pk	32.1	-23.5	69.21	-	-	74	-4.79	345	108	H
3	* 2.39	35.75	RMS	32.1	-23.5	44.35	54	-9.65	-	-	345	108	H
4	* 2.389	37.14	RMS	32.1	-23.5	45.74	54	-8.26	-	-	345	108	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



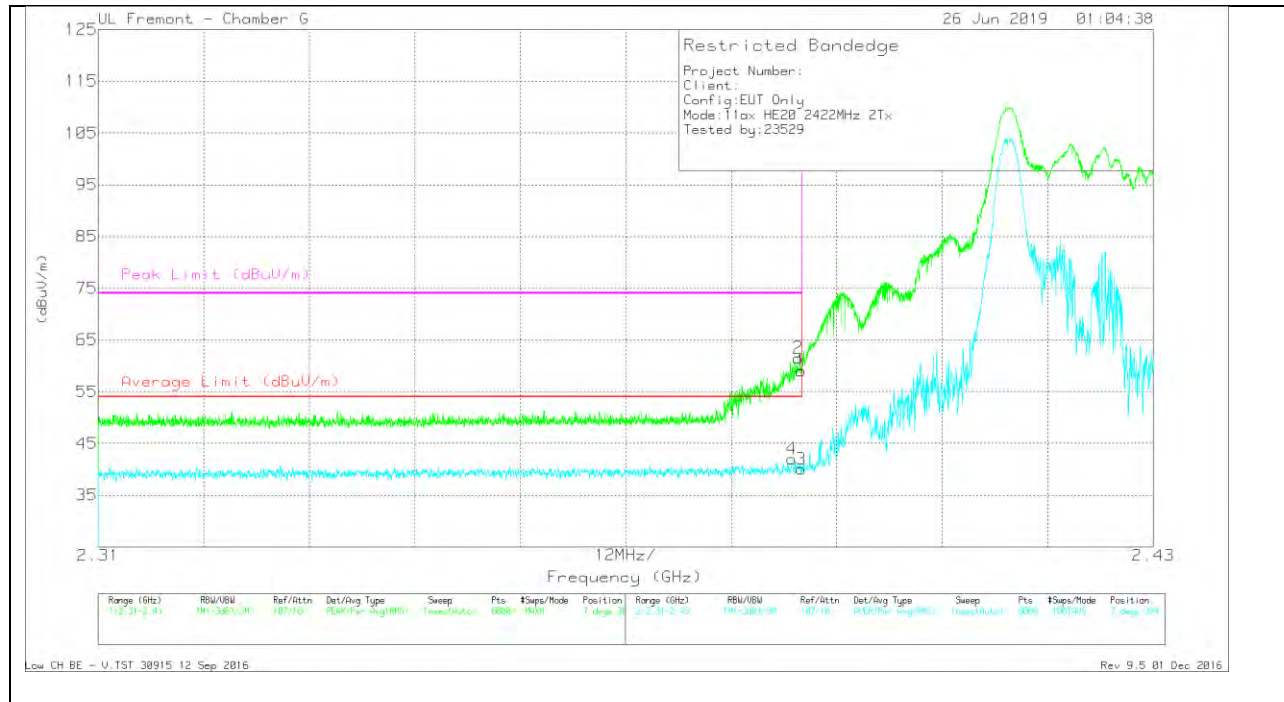
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.95	Pk	32.1	-23.5	61.55	-	-	74	-12.45	21	343	V
2	* 2.389	53.66	Pk	32.1	-23.5	62.26	-	-	74	-11.74	21	343	V
3	* 2.39	33.76	RMS	32.1	-23.5	42.36	54	-11.64	-	-	21	343	V
4	* 2.39	33.88	RMS	32.1	-23.5	42.48	54	-11.52	-	-	21	343	V

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.33	Pk	31.9	-22.2	59.03	-	-	74	-14.97	7	304	V
2	* 2.39	51.8	Pk	31.9	-22.2	61.5	-	-	74	-12.5	7	304	V
3	* 2.39	30.34	RMS	31.9	-22.2	40.04	54	-13.96	-	-	7	304	V
4	* 2.389	32.33	RMS	31.9	-22.2	42.03	54	-11.97	-	-	7	304	V

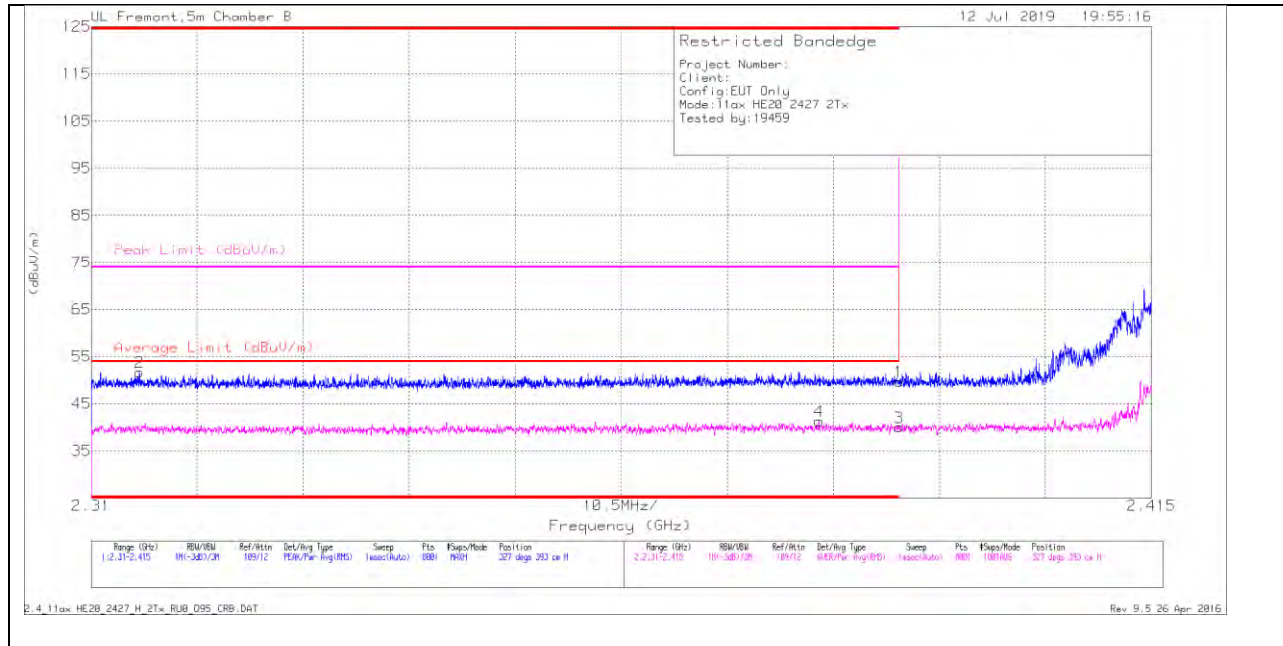
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 4)

HORIZONTAL RESULT



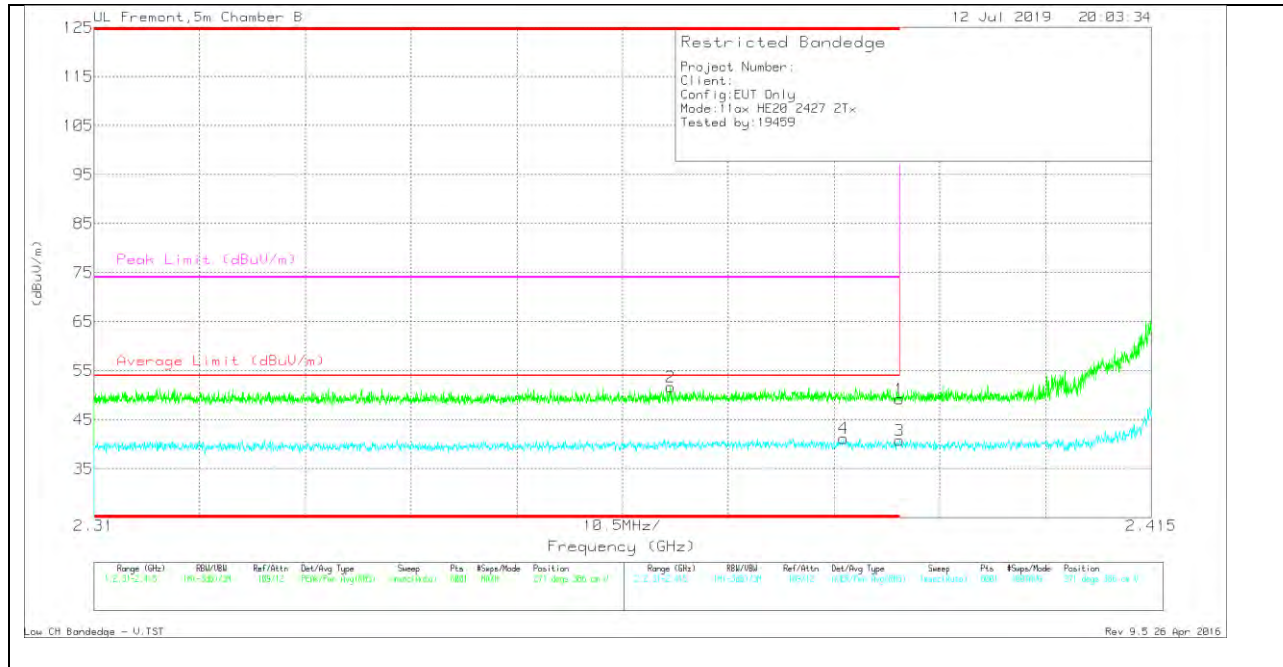
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	36.74	Pk	31.9	-18.9	49.74	-	-	74	-24.26	327	393	H
2	* 2.315	38.82	Pk	31.7	-18.8	51.72	-	-	74	-22.28	327	393	H
3	* 2.39	27.07	RMS	31.9	-18.9	40.07	54	-13.93	-	-	327	393	H
4	* 2.382	28.34	RMS	31.8	-18.8	41.34	54	-12.66	-	-	327	393	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	36.23	Pk	31.9	-18.9	49.23	-	-	74	-24.77	271	386	V
2	* 2.367	38.88	Pk	31.8	-19	51.68	-	-	74	-22.32	271	386	V
3	* 2.39	27.77	RMS	31.9	-18.9	40.77	54	-13.23	-	-	271	386	V
4	* 2.384	28.32	RMS	31.8	-18.9	41.22	54	-12.78	-	-	271	386	V

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

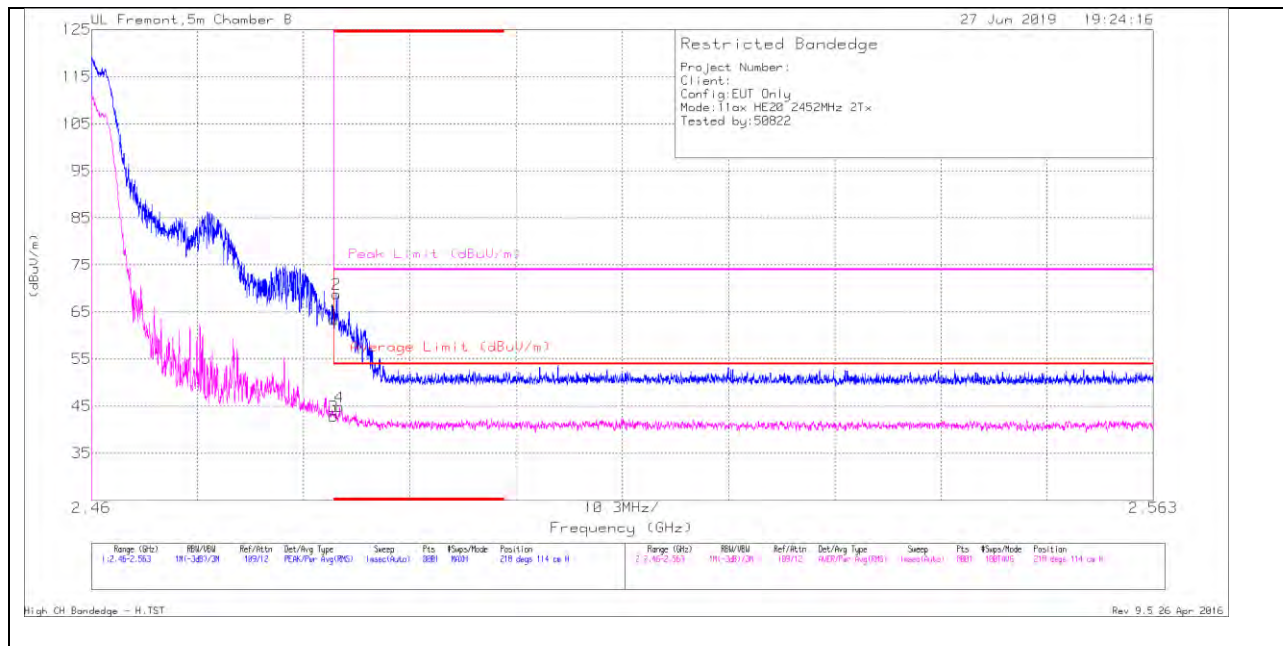
Pk - Peak detector

RMS - RMS detection

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

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



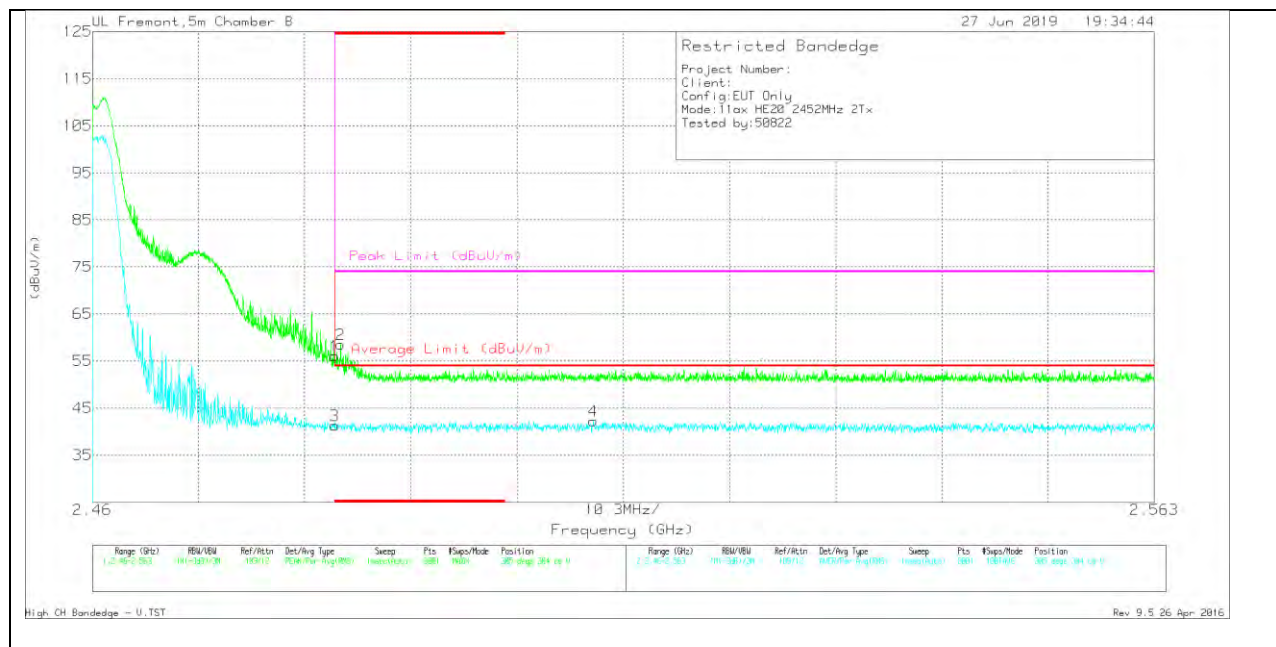
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.91	Pk	32.3	-18.9	63.31	-	-	74	-10.69	218	114	H
2	* 2.484	55.41	Pk	32.3	-18.9	68.81	-	-	74	-5.19	218	114	H
3	* 2.484	29.47	RMS	32.3	-18.9	42.87	54	-11.13	-	-	218	114	H
4	* 2.484	31.44	RMS	32.3	-18.9	44.84	54	-9.16	-	-	218	114	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.75	Pk	32.3	-18.9	56.15	-	-	74	-17.85	305	384	V
2	* 2.484	45.12	Pk	32.3	-18.9	58.52	-	-	74	-15.48	305	384	V
3	* 2.484	27.93	RMS	32.3	-18.9	41.33	54	-12.67	-	-	305	384	V
4	2.509	28.79	RMS	32.4	-18.9	42.29	54	-11.71	-	-	305	384	V

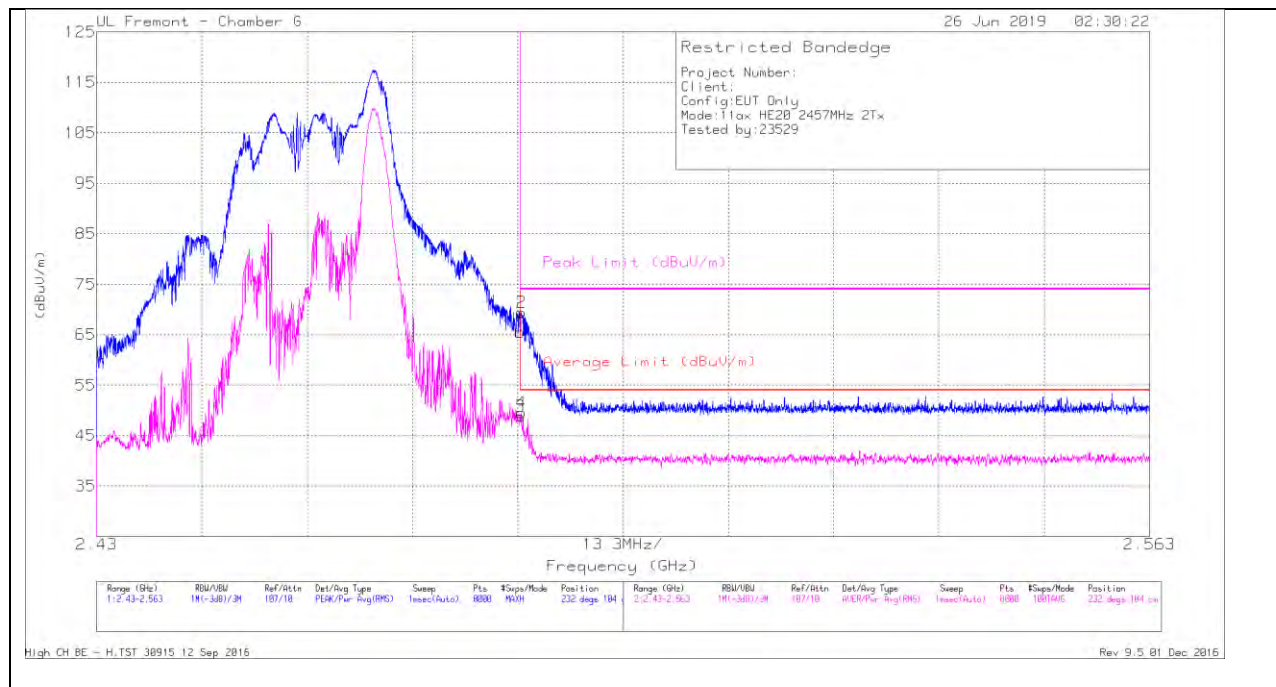
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.16	Pk	32.4	-22.1	65.46	-	-	74	-8.54	232	104	H
2	* 2.484	59.08	Pk	32.4	-22.1	69.38	-	-	74	-4.62	232	104	H
3	* 2.484	38.46	RMS	32.4	-22.1	48.76	54	-5.24	-	-	232	104	H
4	* 2.484	39.21	RMS	32.4	-22.1	49.51	54	-4.49	-	-	232	104	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber 6

26 Jun 2019 02:38:29

Restricted Bandedge

Project Number:
Client:
Config: EUT Only
Mode: 11ax HE20 2457MHz 2Tx
Tested by: 23529

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

13.3MHz/

Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/BW	Det/Avg Type	Sweep	Pls	#Seps/Mode	Position	Range (GHz)	RBW/VBW	Ref/BW	Det/Avg Type	Sweep	Pls	#Seps/Mode	Position
1.2-43-2.563	1M/300K/3M	100/10	PLN/PSF	Prep (HPS)	10000	10000	199 degs 215	2.4-43-2.563	1M/300K/3M	100/10	PLN/PSF	Prep (HPS)	10000	10000	199 degs 215

High CH BE - U-TST 30915 12 Sep 2016

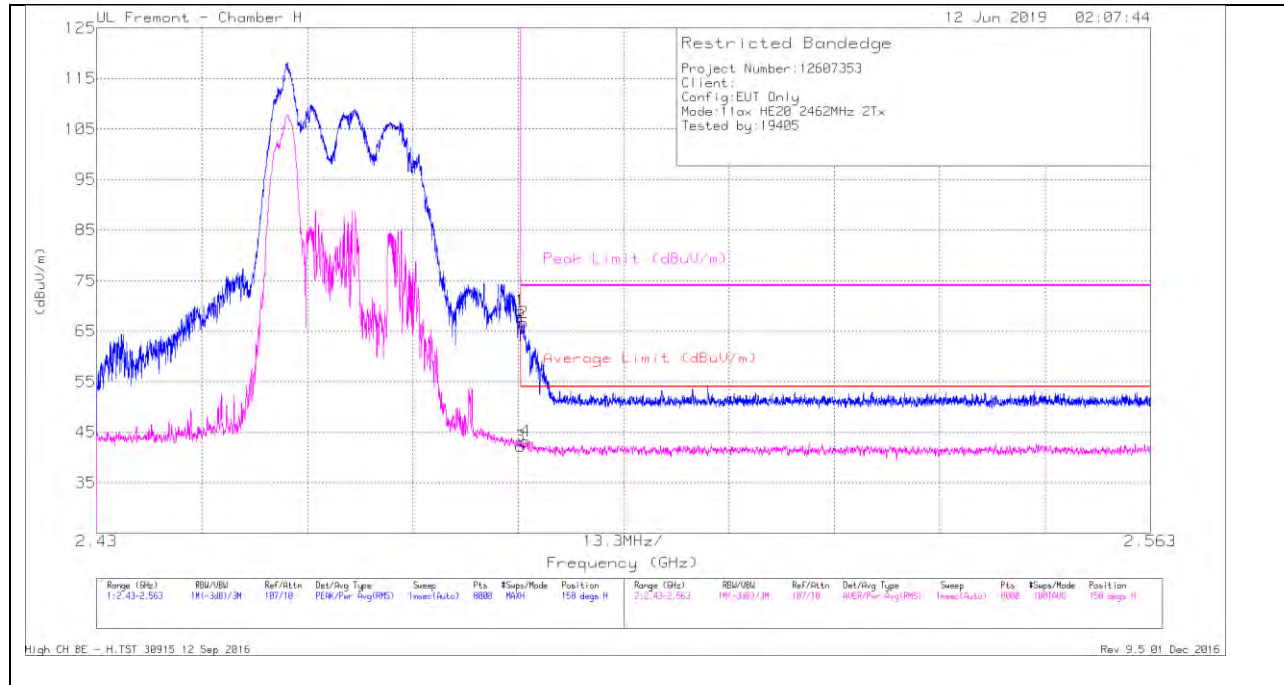
Rev 9.5 01 Dec 2015

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Ftr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.66	Pk	32.4	-22.1	64.96	-	-	74	-9.04	199	315	V
2	* 2.484	55.32	Pk	32.4	-22.1	65.62	-	-	74	-8.38	199	315	V
3	* 2.484	34.02	RMS	32.4	-22.1	44.32	54	-9.68	-	-	199	315	V
4	* 2.484	35.07	RMS	32.4	-22.1	45.37	54	-8.63	-	-	199	315	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



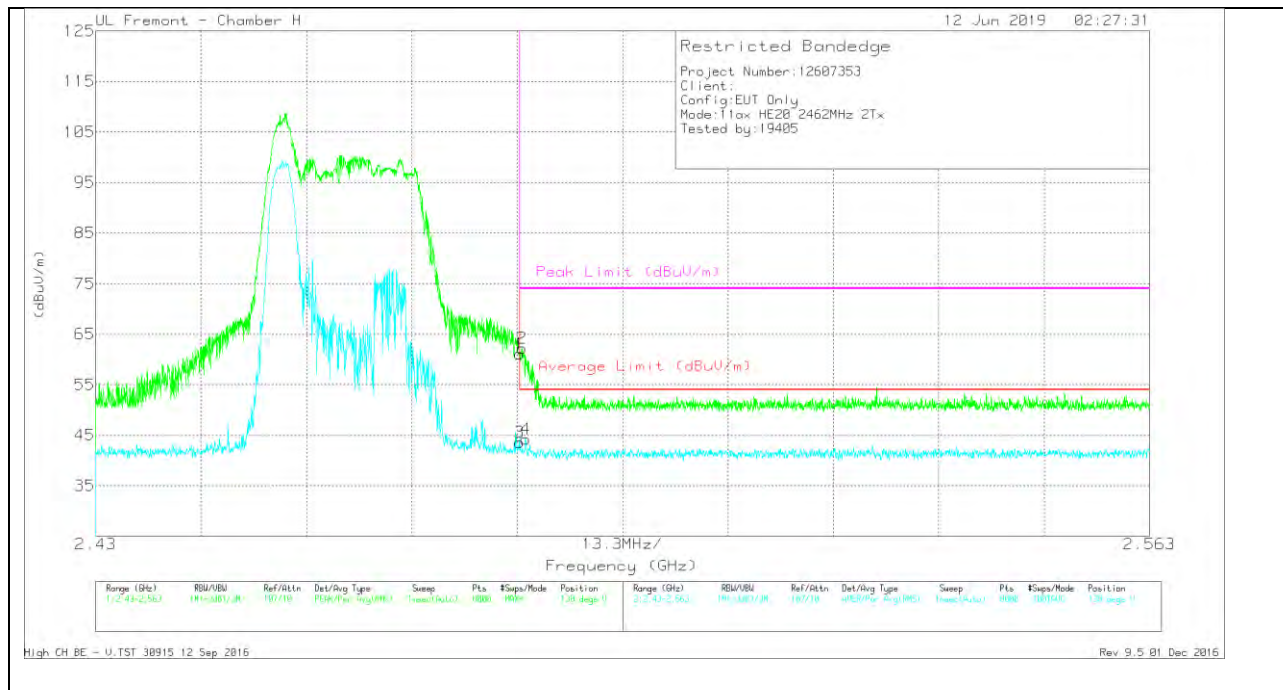
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	59.89	Pk	32.5	-23.3	69.09	-	-	74	-4.91	158	155	H
2	* 2.484	57.43	Pk	32.5	-23.3	66.63	-	-	74	-7.37	158	155	H
3	* 2.484	33.01	RMS	32.5	-23.3	42.21	54	-11.79	-	-	158	155	H
4	* 2.484	34.06	RMS	32.5	-23.3	43.26	54	-10.74	-	-	158	155	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.95	Pk	32.5	-23.3	61.15	-	-	74	-12.85	138	356	V
2	* 2.484	53.01	Pk	32.5	-23.3	62.21	-	-	74	-11.79	138	356	V
3	* 2.484	34.44	RMS	32.5	-23.3	43.64	54	-10.36	-	-	138	356	V
4	* 2.484	35.06	RMS	32.5	-23.3	44.26	54	-9.74	-	-	138	356	V

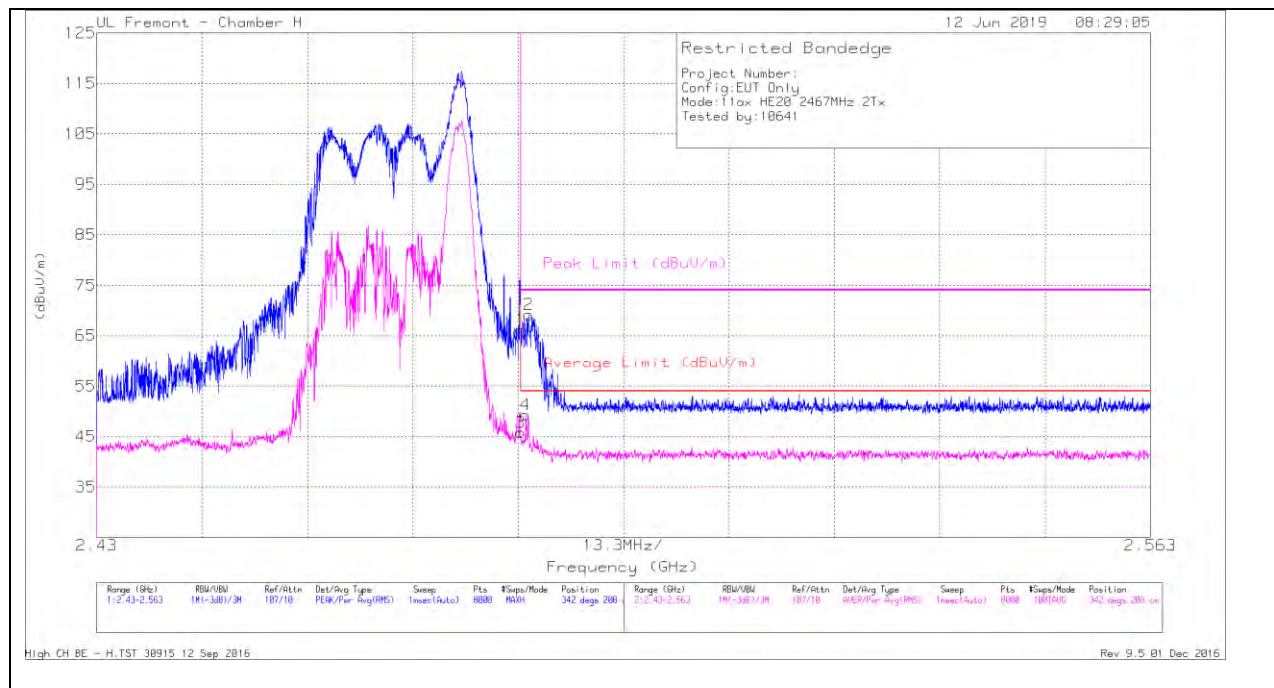
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



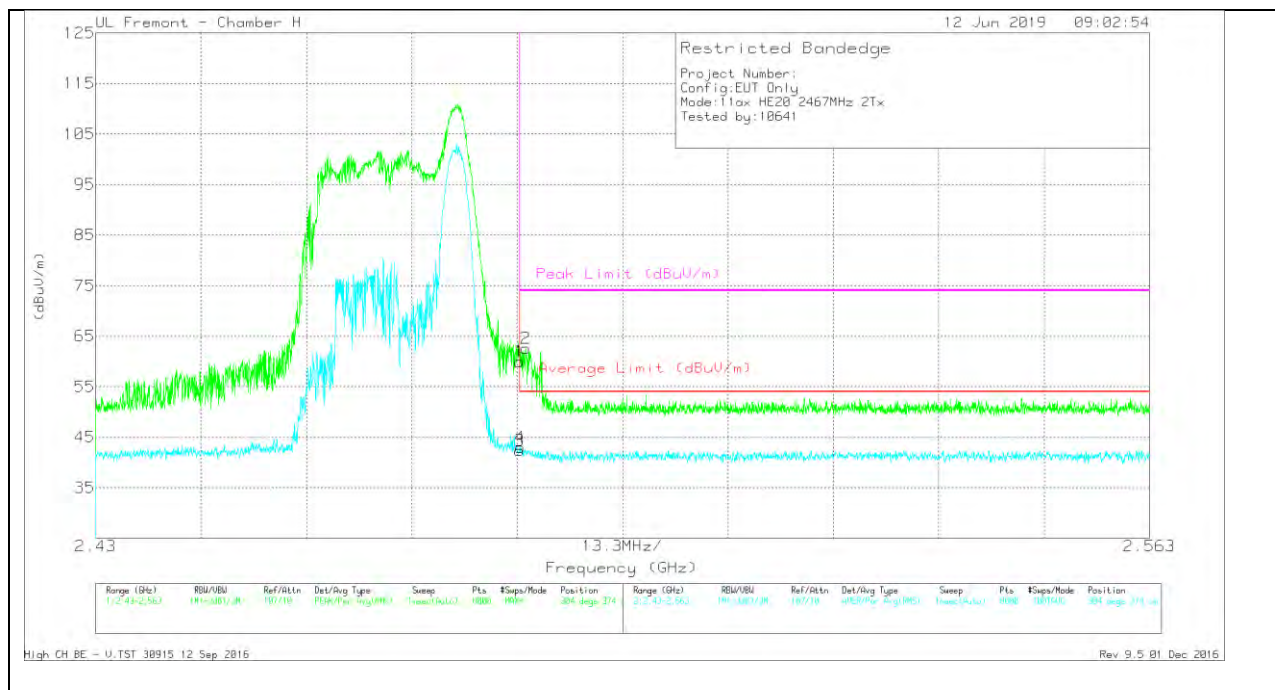
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dBm)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	57.02	Pk	32.5	-23.3	66.22	-	-	74	-7.78	342	208	H
2	* 2.485	59.98	Pk	32.5	-23.3	69.18	-	-	74	-4.82	342	208	H
3	* 2.484	36.62	RMS	32.5	-23.3	45.82	54	-8.18	-	-	342	208	H
4	* 2.484	40.05	RMS	32.5	-23.3	49.25	54	-4.75	-	-	342	208	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dBm)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.75	Pk	32.5	-23.3	59.95	-	-	74	-14.05	304	374	V
2	* 2.484	53.34	Pk	32.5	-23.3	62.54	-	-	74	-11.46	304	374	V
3	* 2.484	33.1	RMS	32.5	-23.3	42.3	54	-11.7	-	-	304	374	V
4	* 2.484	33.8	RMS	32.5	-23.3	43	54	-11	-	-	304	374	V

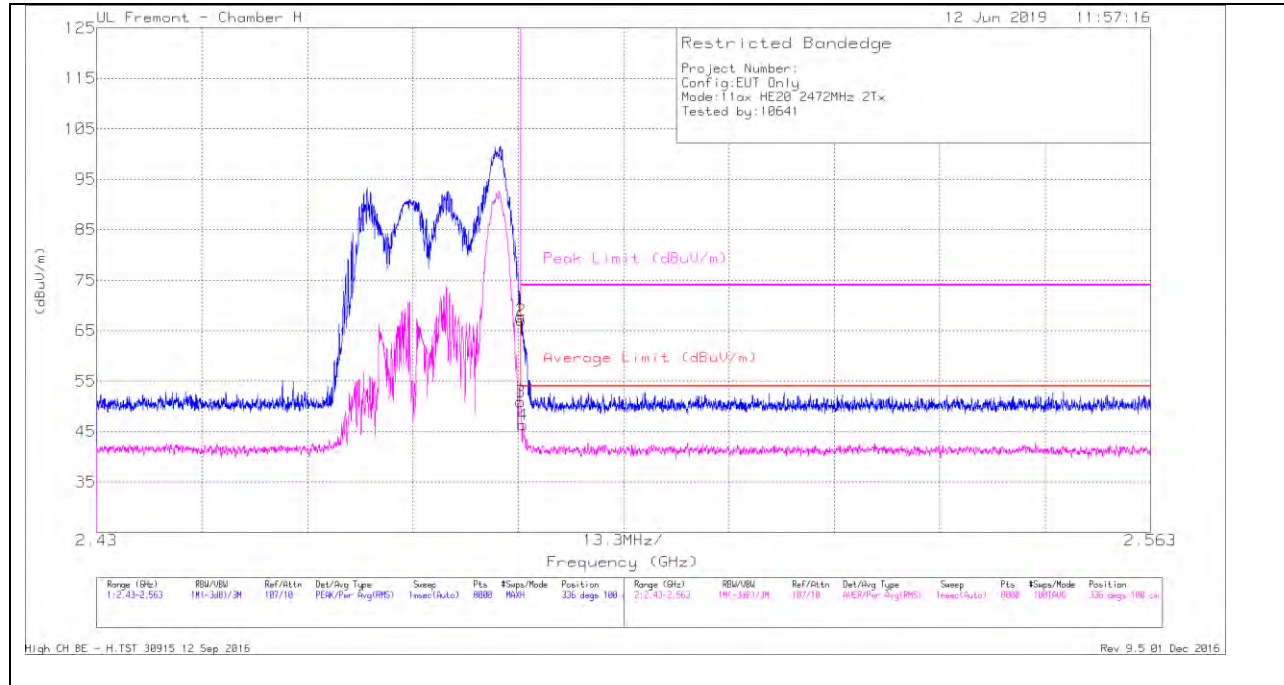
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



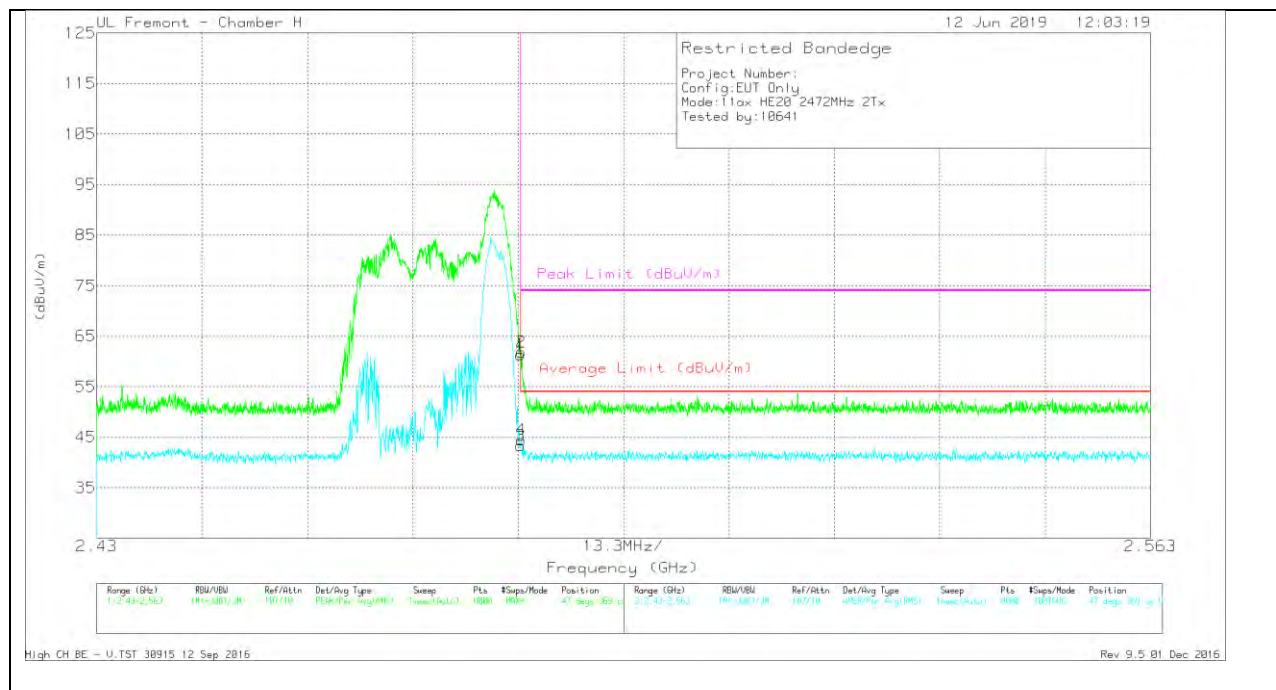
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.45	Pk	32.5	-23.3	67.65	-	-	74	-6.35	336	100	H
2	* 2.484	57.86	Pk	32.5	-23.3	67.06	-	-	74	-6.94	336	100	H
3	* 2.484	41.74	RMS	32.5	-23.3	50.94	54	-3.06	-	-	336	100	H
4	* 2.484	37.17	RMS	32.5	-23.3	46.37	54	-7.63	-	-	336	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.12	Pk	32.5	-23.3	61.32	-	-	74	-12.68	47	369	V
2	* 2.484	52.59	Pk	32.5	-23.3	61.79	-	-	74	-12.21	47	369	V
3	* 2.484	34.17	RMS	32.5	-23.3	43.37	54	-10.63	-	-	47	369	V
4	* 2.484	35.21	RMS	32.5	-23.3	44.41	54	-9.59	-	-	47	369	V

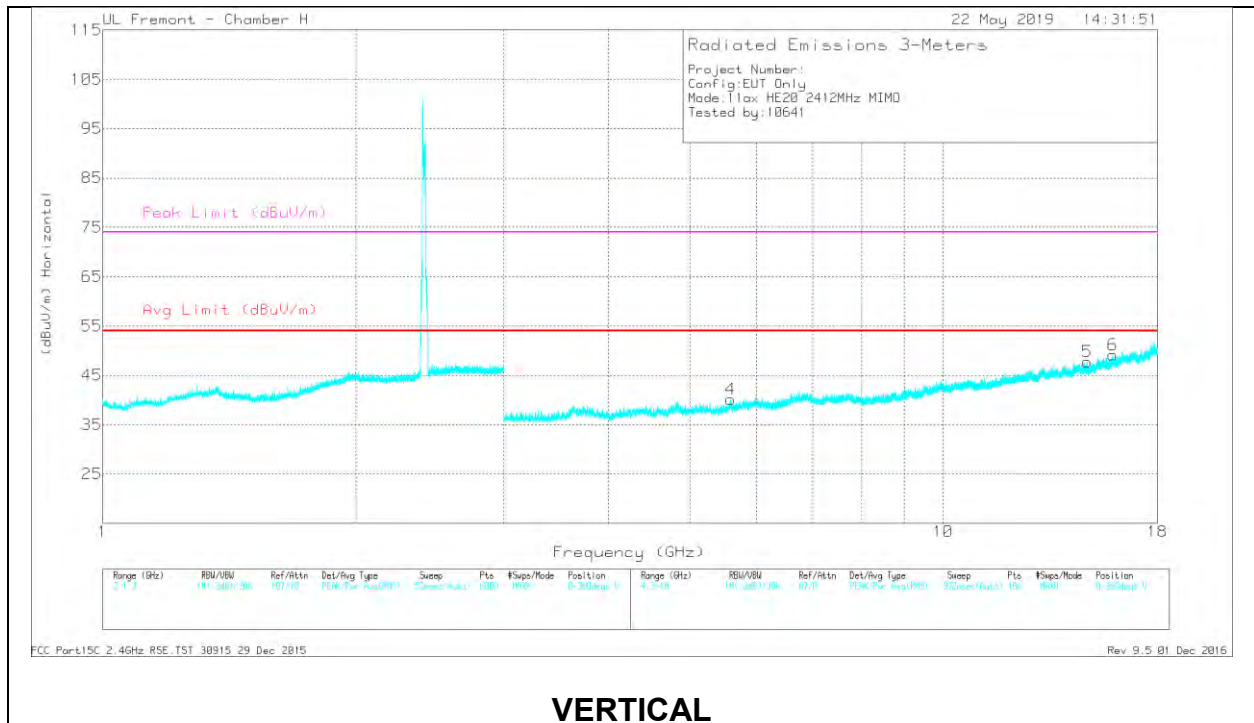
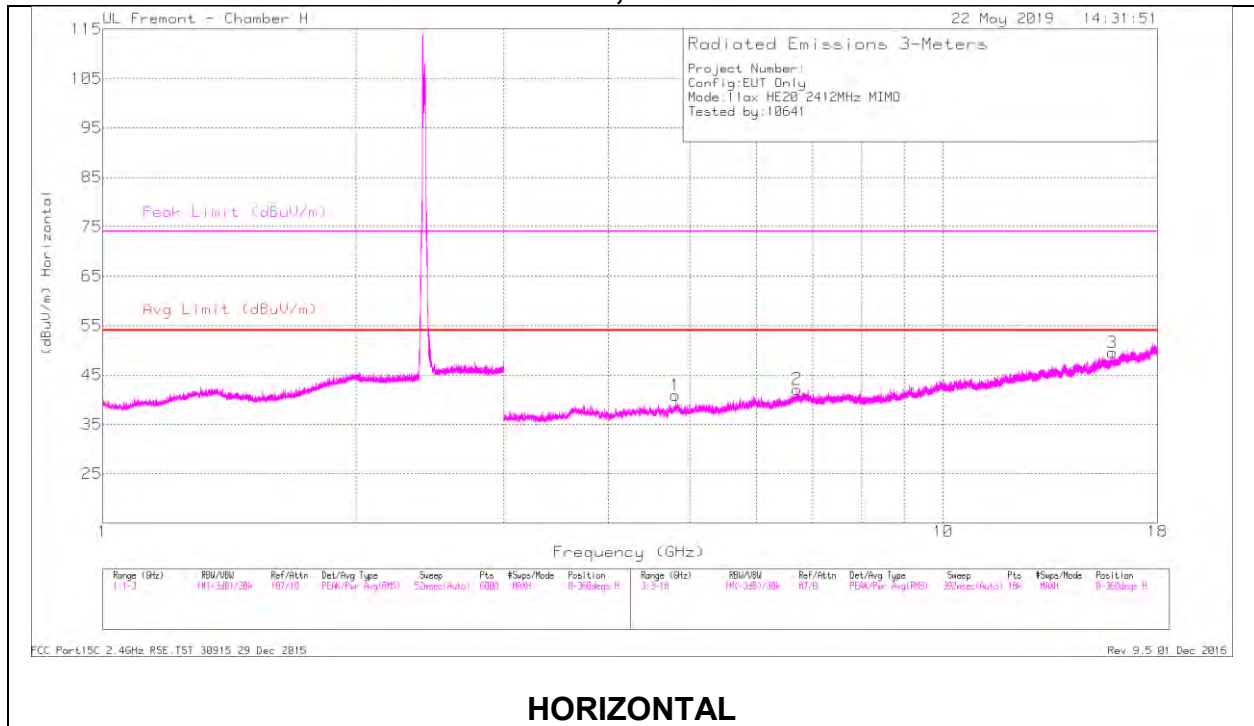
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

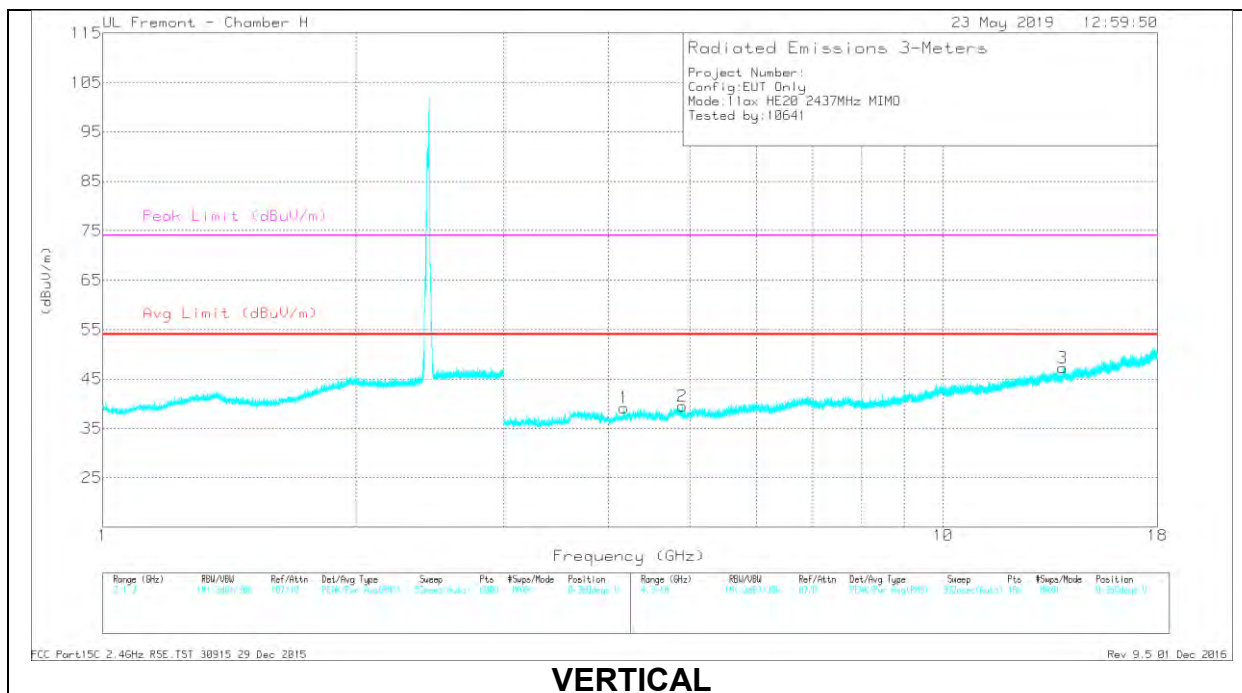
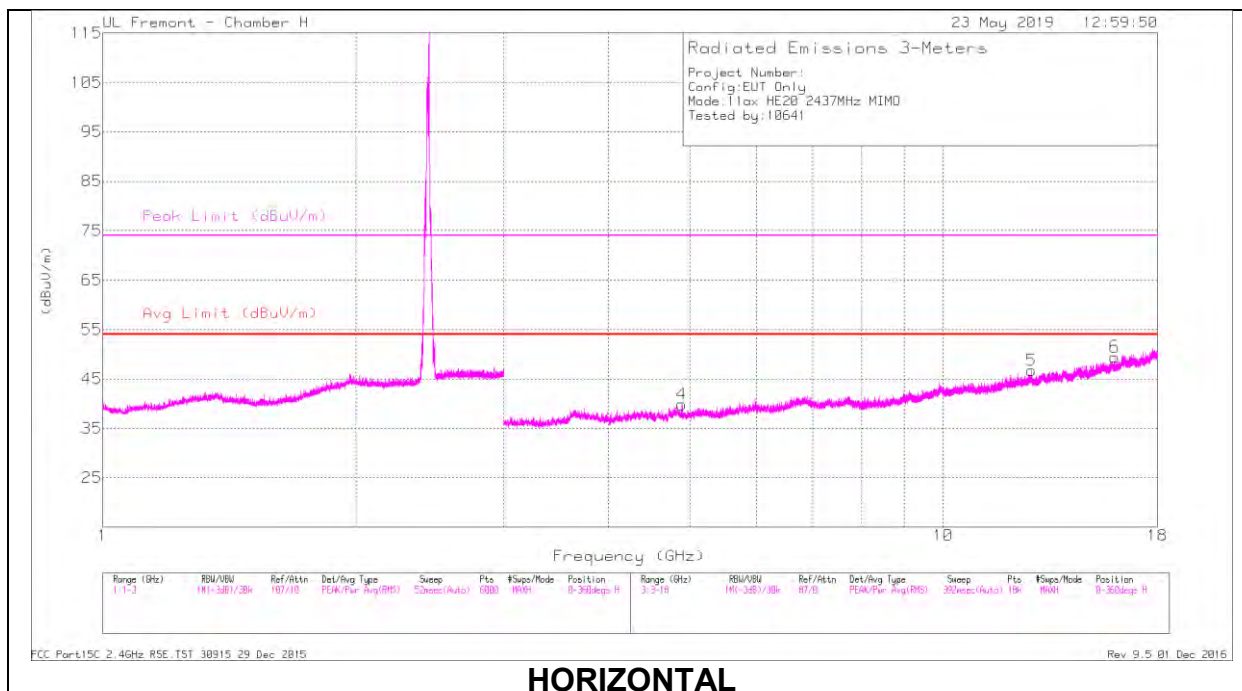
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.808	44.48	PK2	34.1	-30.3	48.28	-	-	74	-25.72	221	142	H
	* 4.808	33.17	MAv1	34.1	-30.3	36.97	54	-17.03	-	-	221	142	H
3	* 15.901	35.12	PK2	40.7	-20.5	55.32	-	-	74	-18.68	289	166	H
	* 15.903	24.23	MAv1	40.7	-20.5	44.43	54	-9.57	-	-	289	166	H
6	* 15.919	35.61	PK2	40.8	-20.9	55.51	-	-	74	-18.49	256	179	V
	* 15.922	24.66	MAv1	40.8	-21	44.46	54	-9.54	-	-	256	179	V
4	5.594	41.44	PK2	34.8	-29.9	46.34	-	-	74	-27.66	128	229	V
2	6.698	40.17	PK2	36.8	-28.9	48.07	-	-	74	-25.93	279	119	H
5	14.846	36.31	PK2	39.8	-22.1	54.01	-	-	74	-19.99	99	258	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

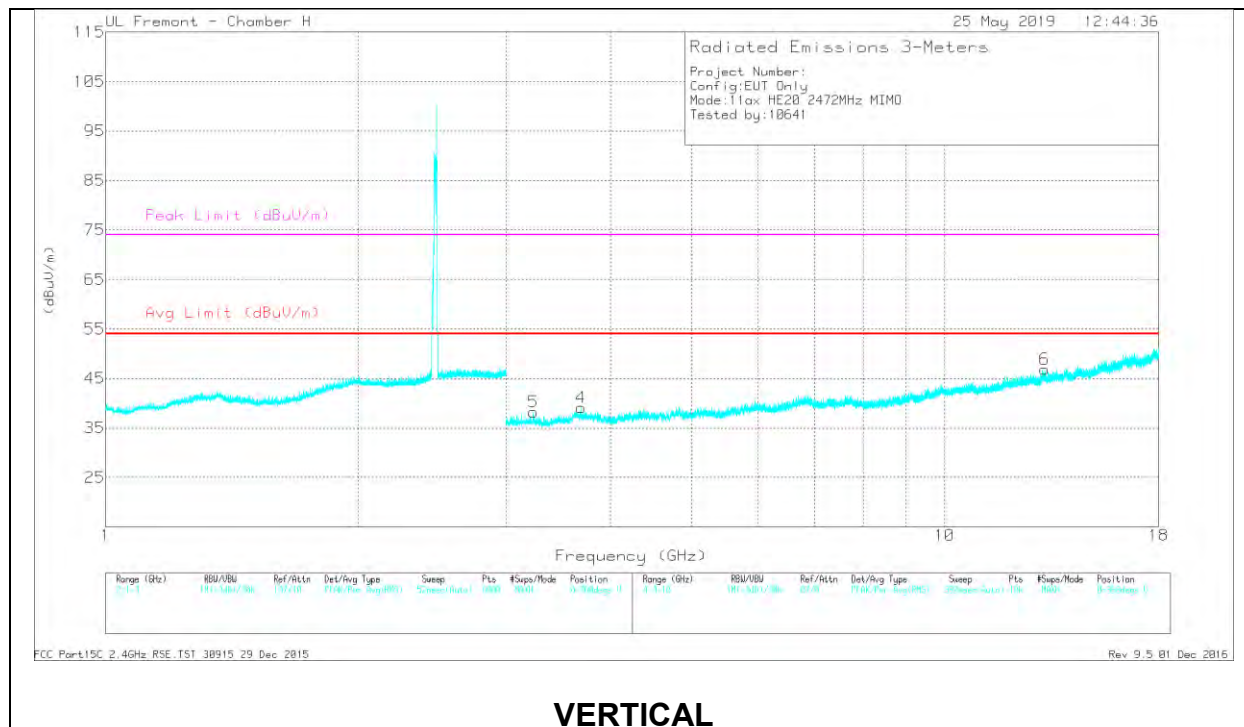
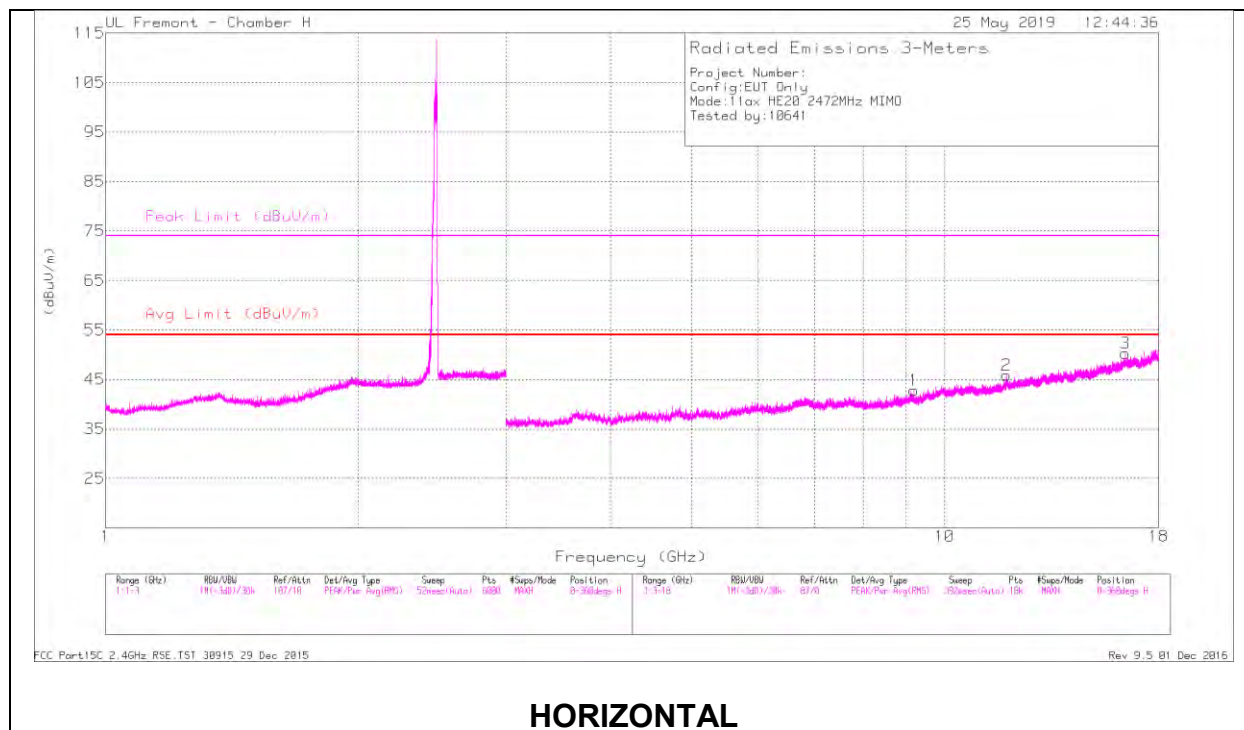
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.891	43.15	PK2	34	-30.3	46.85	-	-	74	-27.15	174	130	H
	* 4.891	32.36	MAv1	34	-30.3	36.06	54	-17.94	-	-	174	130	H
6	* 16.023	36.39	PK2	41	-22	55.39	-	-	74	-18.61	118	213	H
	* 16.023	25.08	MAv1	41	-22	44.08	54	-9.92	-	-	118	213	H
2	* 4.892	42.72	PK2	34	-30.2	46.52	-	-	74	-27.48	158	293	V
	* 4.891	31.55	MAv1	34	-30.2	35.35	54	-18.65	-	-	158	293	V
1	* 4.172	42.08	PK2	33.2	-30.7	44.58	-	-	74	-29.42	129	111	V
	* 4.174	30.87	MAv1	33.2	-30.7	33.37	54	-20.63	-	-	129	111	V
5	12.736	35.48	PK2	39.2	-22.4	52.28	-	-	74	-21.72	135	214	H
3	13.881	35.15	PK2	39.1	-21.4	52.85	-	-	74	-21.15	188	203	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 13 RESULTS



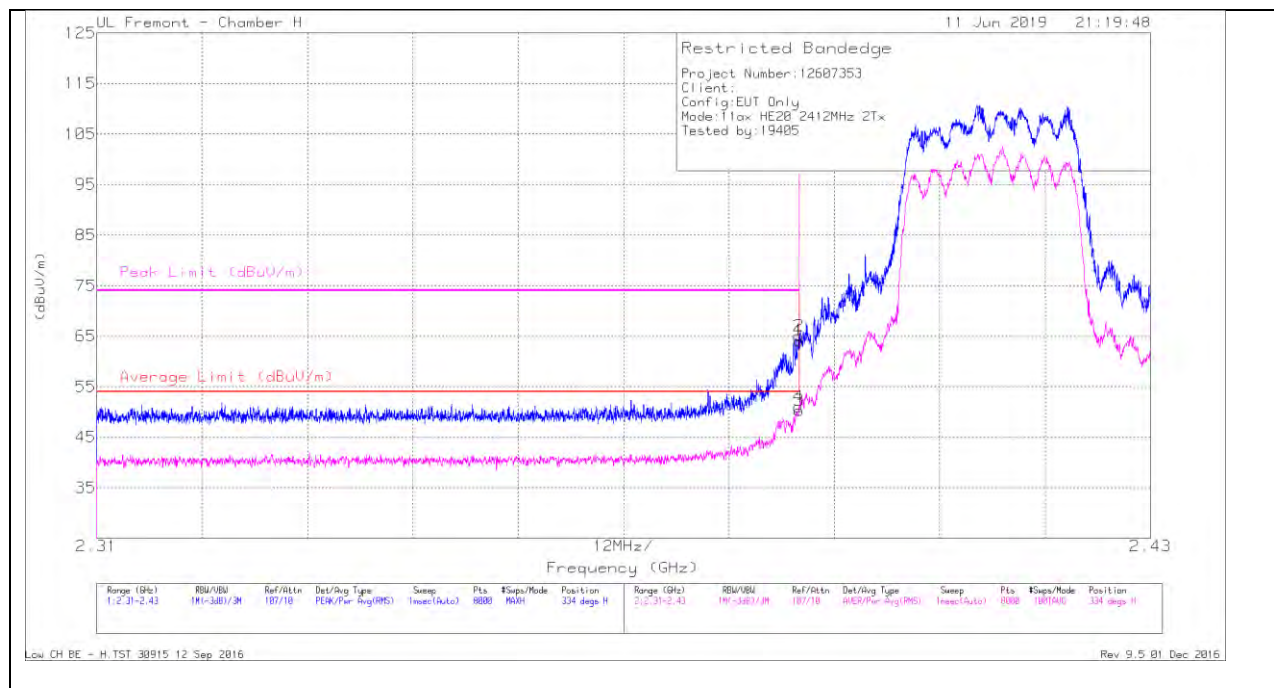
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/ 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	* 11.862	35.46	PK2	38.7	-22.8	51.36	-	-	74	-22.64	126	125	H
	* 11.861	24.78	MAv1	38.7	-22.8	40.68	54	-13.32	-	-	126	125	H
1	*9.195	32.02	PK2	36.3	-24.5	43.82	-	-	74	-30.18			H
	*9.199	26.56	MAv1	36.3	-24.5	38.36	54	-15.64					H
4	* 3.685	41.93	PK2	33.1	-30.2	44.83	-	-	74	-29.17	93	139	V
	* 3.687	30.43	MAv1	33.1	-30.2	33.33	54	-20.67	-	-	93	139	V
5	3.239	43.1	PK2	32.5	-31.1	44.5	-	-	74	-29.50	111	170	V
6	13.174	36.65	PK2	39.4	-22.1	53.95	-	-	74	-20.05	137	189	V
3	16.429	35.69	PK2	41.5	-21	56.19	-	-	74	-17.81	126	155	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX ANTENNA 4 + ANTENNA 3 OFDMA MODE: 242-Tones, RU Index 61**BANDEGE (LOW CHANNEL, CH 1)****HORIZONTAL RESULT**

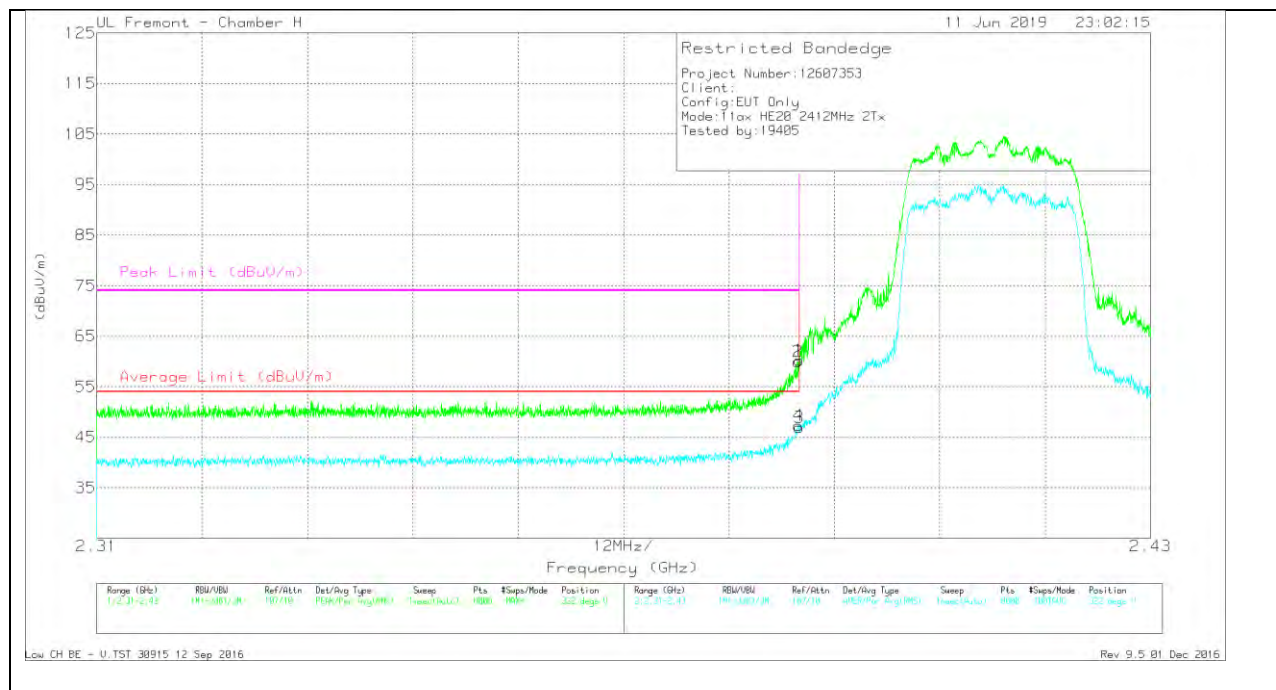
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.53	PK	32.1	-23.5	64.13	-	-	74	-9.87	334	128	H
2	* 2.39	56.41	PK	32.1	-23.5	65.01	-	-	74	-8.99	334	128	H
3	* 2.39	41.71	RMS	32.1	-23.5	50.31	54	-3.69	-	-	334	128	H
4	* 2.39	42.39	RMS	32.1	-23.5	50.99	54	-3.01	-	-	334	128	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.62	Pk	32.1	-23.5	60.22	-	-	74	-13.78	322	356	V
2	* 2.39	51.35	Pk	32.1	-23.5	59.95	-	-	74	-14.05	322	356	V
3	* 2.39	38.33	RMS	32.1	-23.5	46.93	54	-7.07	-	-	322	356	V
4	* 2.39	38.74	RMS	32.1	-23.5	47.34	54	-6.66	-	-	322	356	V

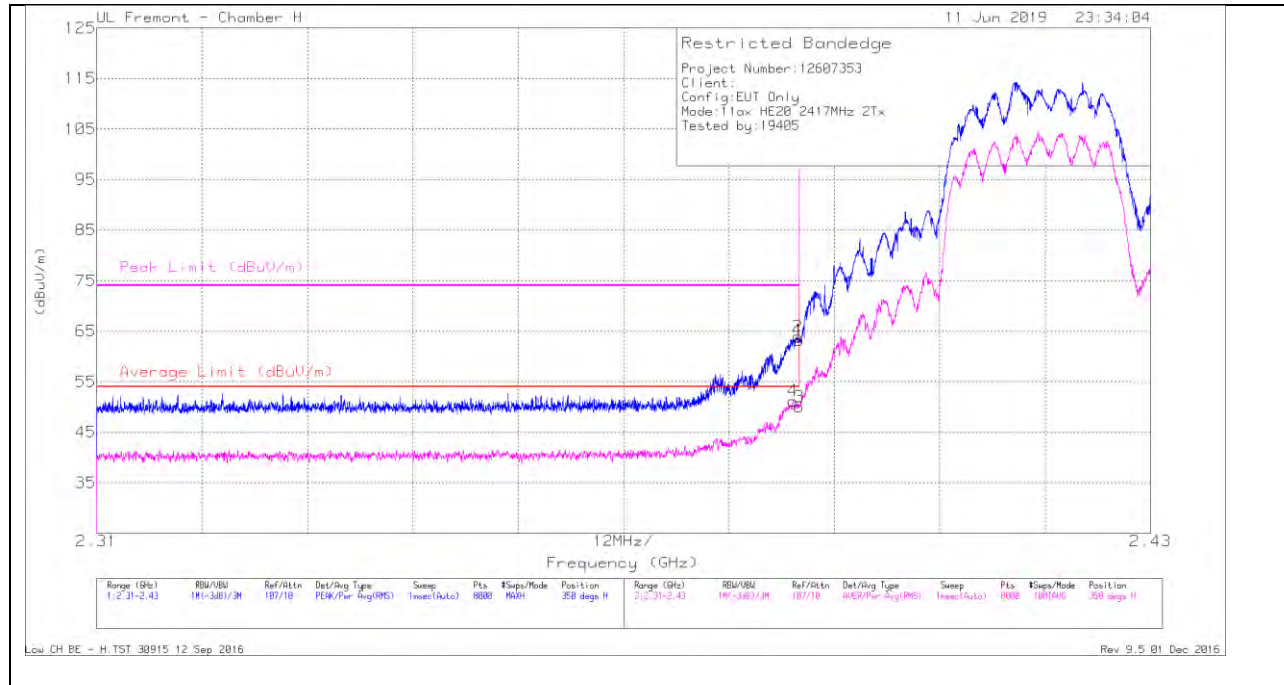
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



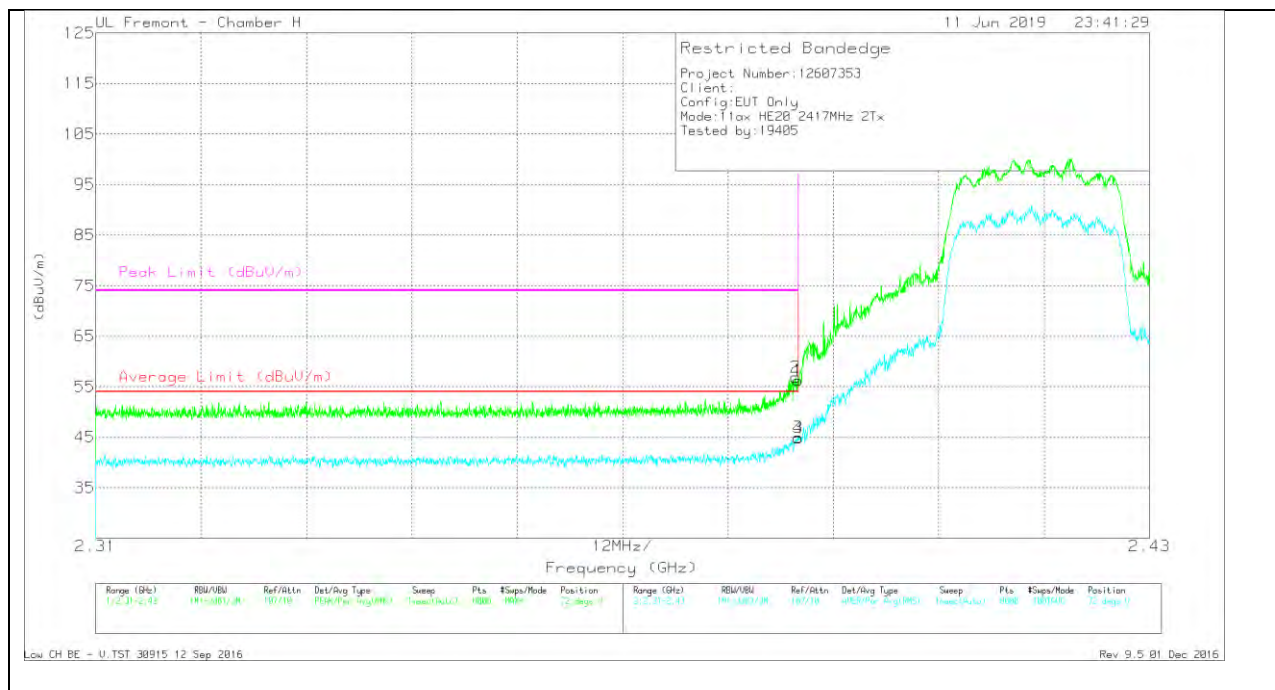
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.56	Pk	32.1	-23.5	63.16	-	-	74	-10.84	350	151	H
2	* 2.39	55.29	Pk	32.1	-23.5	63.89	-	-	74	-10.11	350	151	H
3	* 2.39	41.5	RMS	32.1	-23.5	50.1	54	-3.9	-	-	350	151	H
4	* 2.389	42.62	RMS	32.1	-23.5	51.22	54	-2.78	-	-	350	151	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.64	Pk	32.1	-23.5	56.24	-	-	74	-17.76	72	403	V
2	* 2.39	48.31	Pk	32.1	-23.5	56.91	-	-	74	-17.09	72	403	V
3	* 2.39	36.32	RMS	32.1	-23.5	44.92	54	-9.08	-	-	72	403	V
4	* 2.39	36.28	RMS	32.1	-23.5	44.88	54	-9.12	-	-	72	403	V

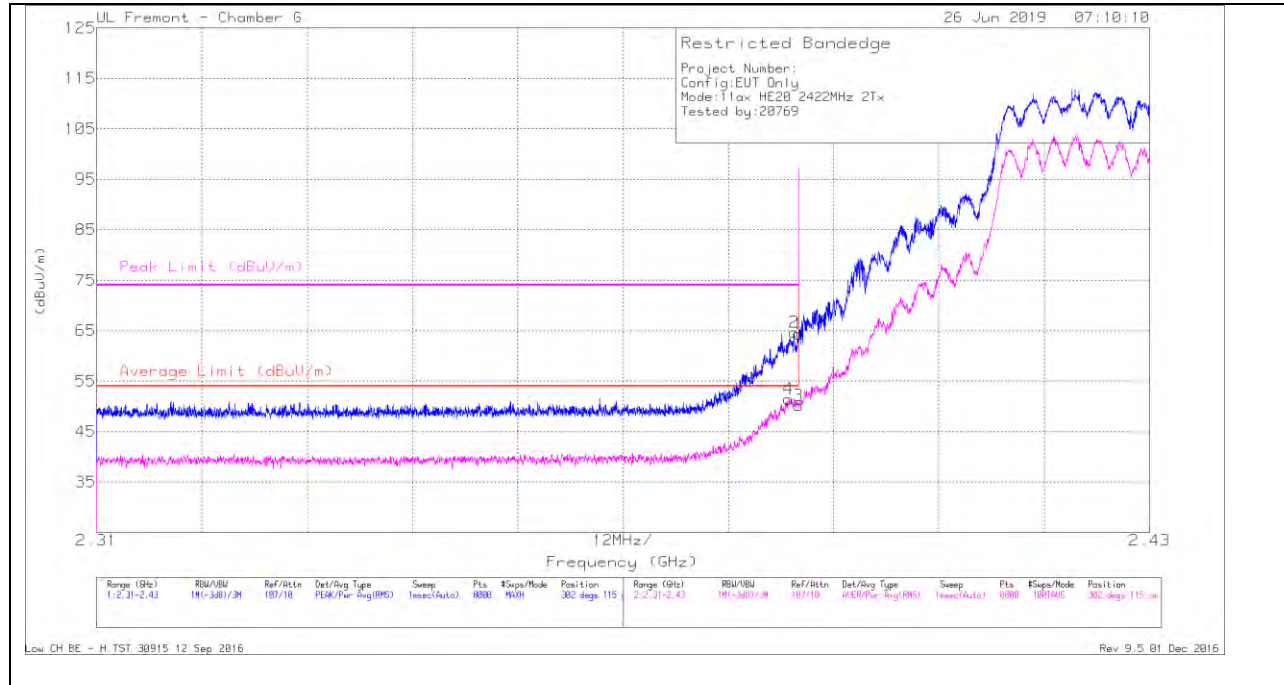
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



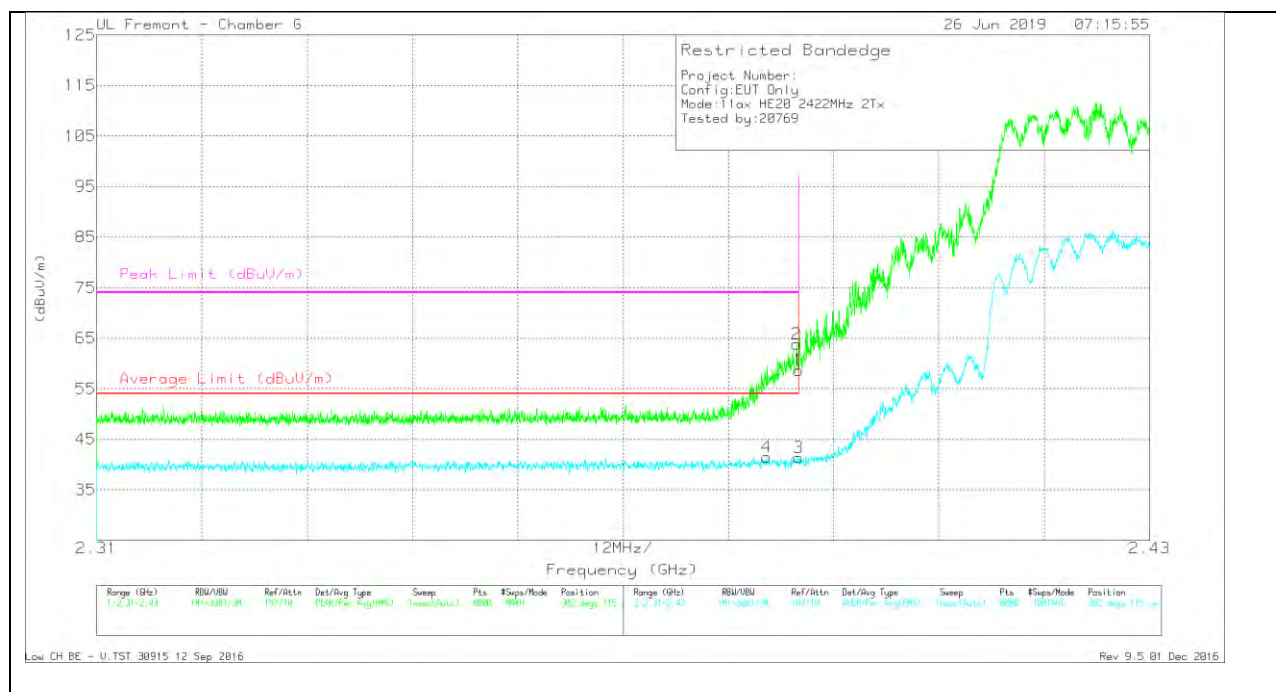
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.62	Pk	31.9	-22.2	64.32	-	-	74	-9.68	302	115	H
2	* 2.389	55.04	Pk	31.9	-22.2	64.74	-	-	74	-9.26	302	115	H
3	* 2.39	40.5	RMS	31.9	-22.2	50.2	54	-3.8	-	-	302	115	H
4	* 2.389	41.77	RMS	31.9	-22.2	51.47	54	-2.53	-	-	302	115	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.97	Pk	31.9	-22.2	58.67	-	-	74	-15.33	302	115	V
2	* 2.39	54.17	Pk	31.9	-22.2	63.87	-	-	74	-10.13	302	115	V
3	* 2.39	31.64	RMS	31.9	-22.2	41.34	54	-12.66	-	-	302	115	V
4	* 2.386	31.72	RMS	31.9	-22.2	41.42	54	-12.58	-	-	302	115	V

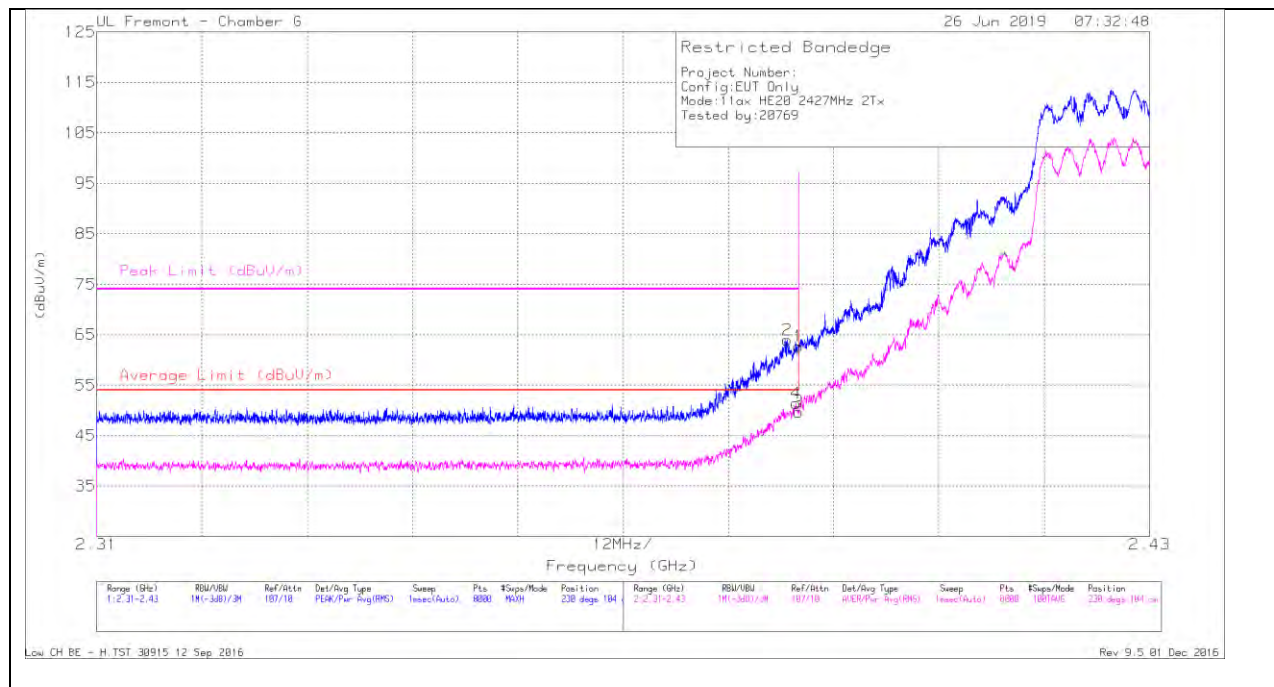
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 4)

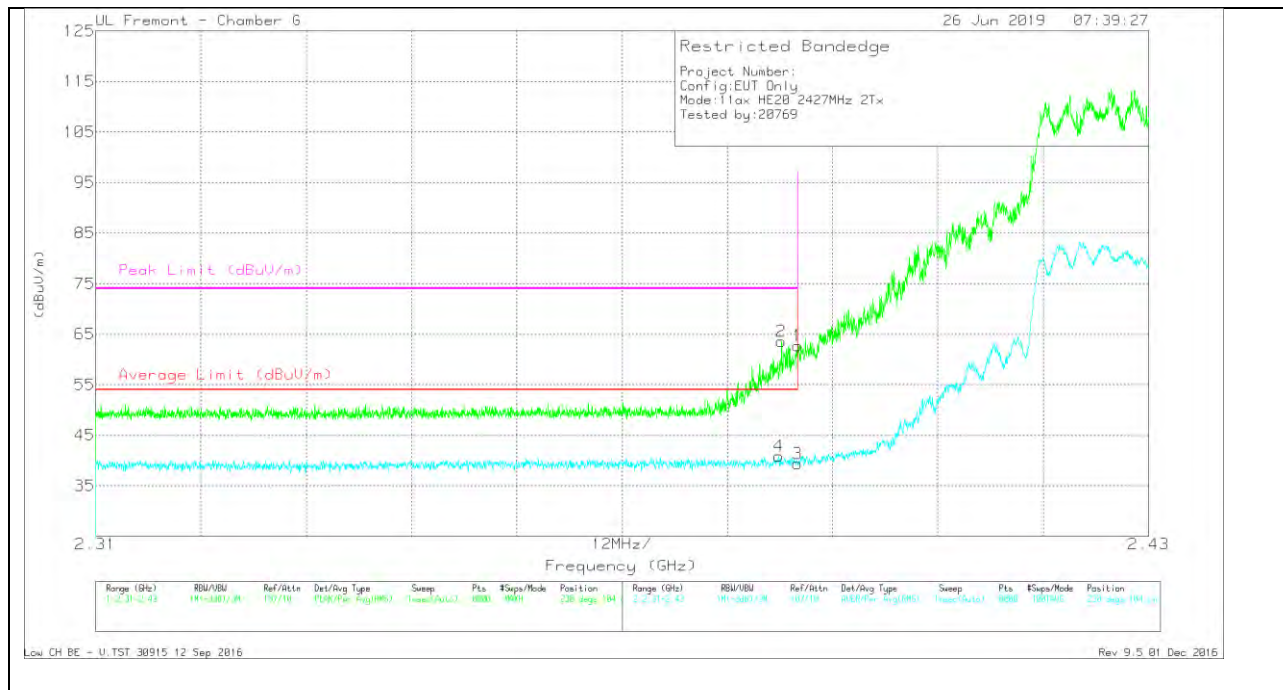
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.06	Pk	31.9	-22.2	62.76	-	-	74	-11.24	230	104	H
2	* 2.389	54.24	Pk	31.9	-22.2	63.94	-	-	74	-10.06	230	104	H
3	* 2.39	40.03	RMS	31.9	-22.2	49.73	54	-4.27	-	-	230	104	H
4	* 2.39	41.74	RMS	31.9	-22.2	51.44	54	-2.56	-	-	230	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	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.03	Pk	31.9	-22.2	62.73	-	-	74	-11.27	230	104	V
2	* 2.388	53.87	Pk	31.9	-22.2	63.57	-	-	74	-10.43	230	104	V
3	* 2.39	29.67	RMS	31.9	-22.2	39.37	54	-14.63	-	-	230	104	V
4	* 2.388	31.15	RMS	31.9	-22.2	40.85	54	-13.15	-	-	230	104	V

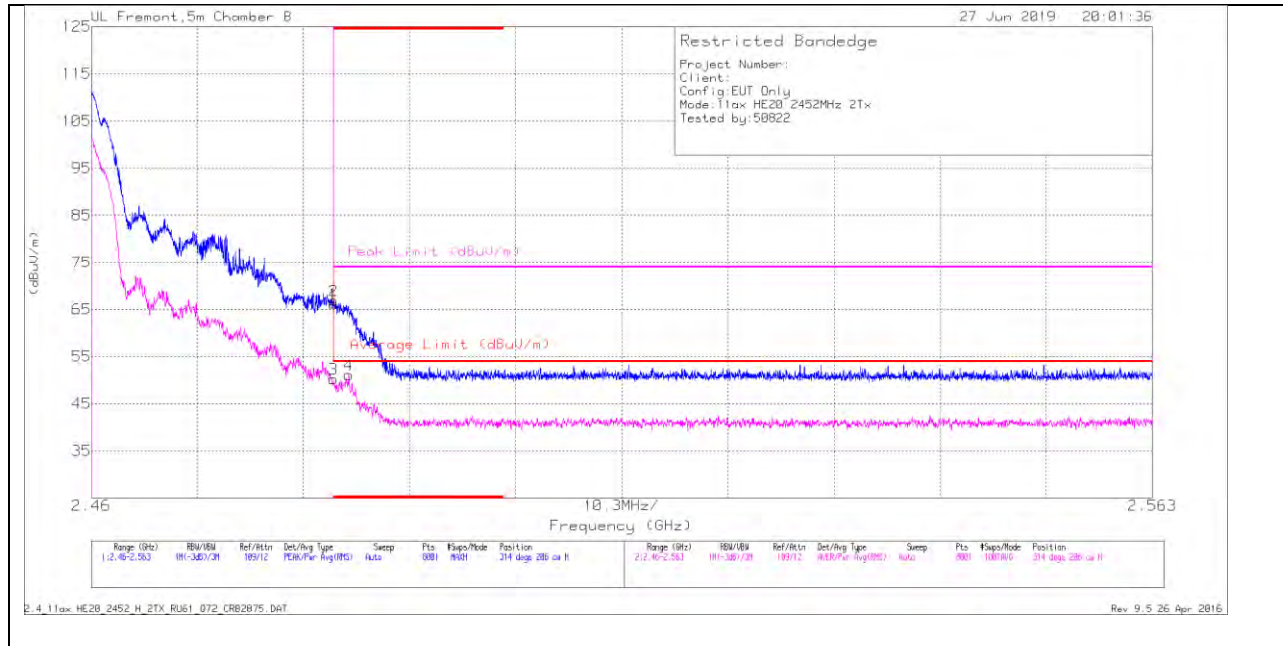
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



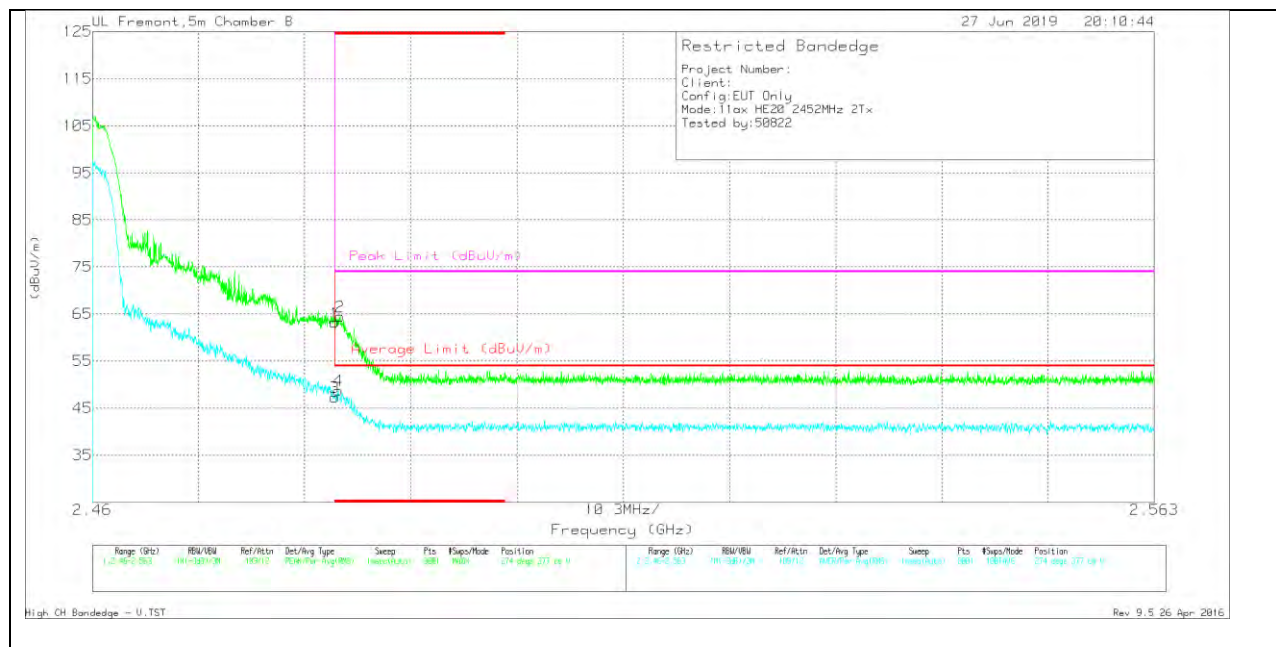
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.84	Pk	32.3	-18.9	66.24	-	-	74	-7.76	314	206	H
2	* 2.484	53.51	Pk	32.3	-18.9	66.91	-	-	74	-7.09	314	206	H
3	* 2.484	36.88	RMS	32.3	-18.9	50.28	54	-3.72	-	-	314	206	H
4	* 2.485	37.71	RMS	32.3	-18.9	51.11	54	-2.89	-	-	314	206	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.78	Pk	32.3	-18.9	63.18	-	-	74	-10.82	274	377	V
2	* 2.484	51.06	Pk	32.3	-18.9	64.46	-	-	74	-9.54	274	377	V
3	* 2.484	33.95	RMS	32.3	-18.9	47.35	54	-6.65	-	-	274	377	V
4	* 2.484	35.39	RMS	32.3	-18.9	48.79	54	-5.21	-	-	274	377	V

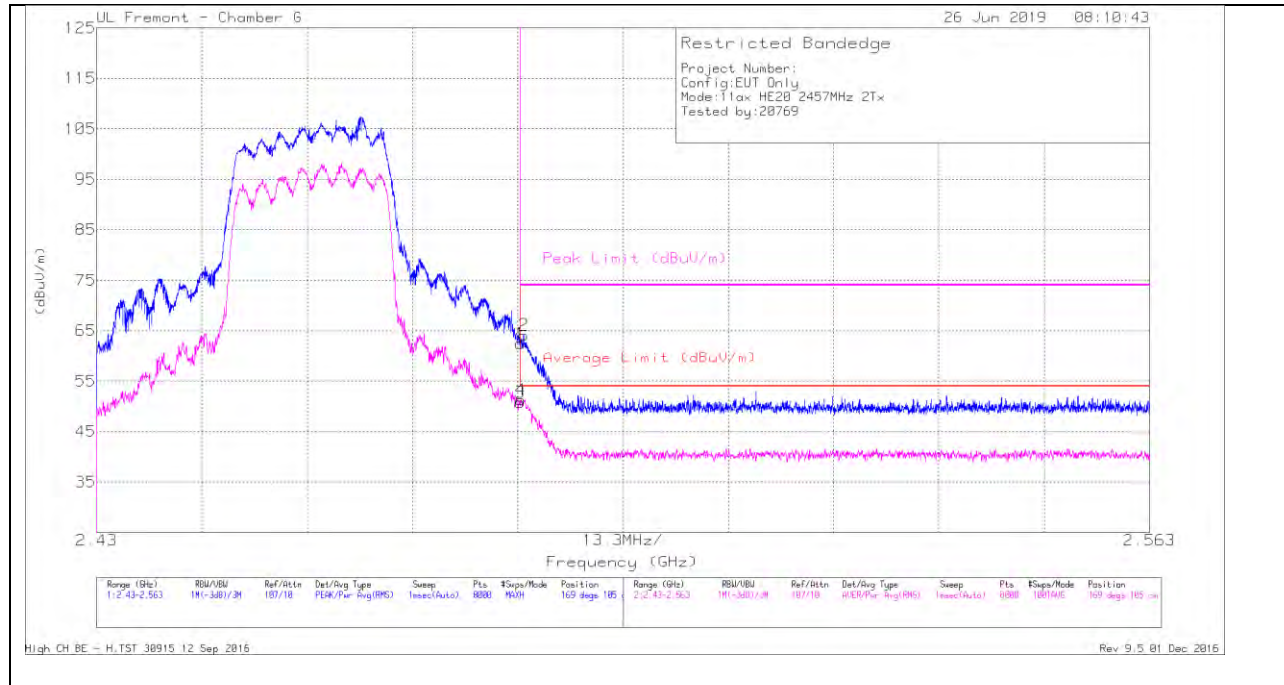
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



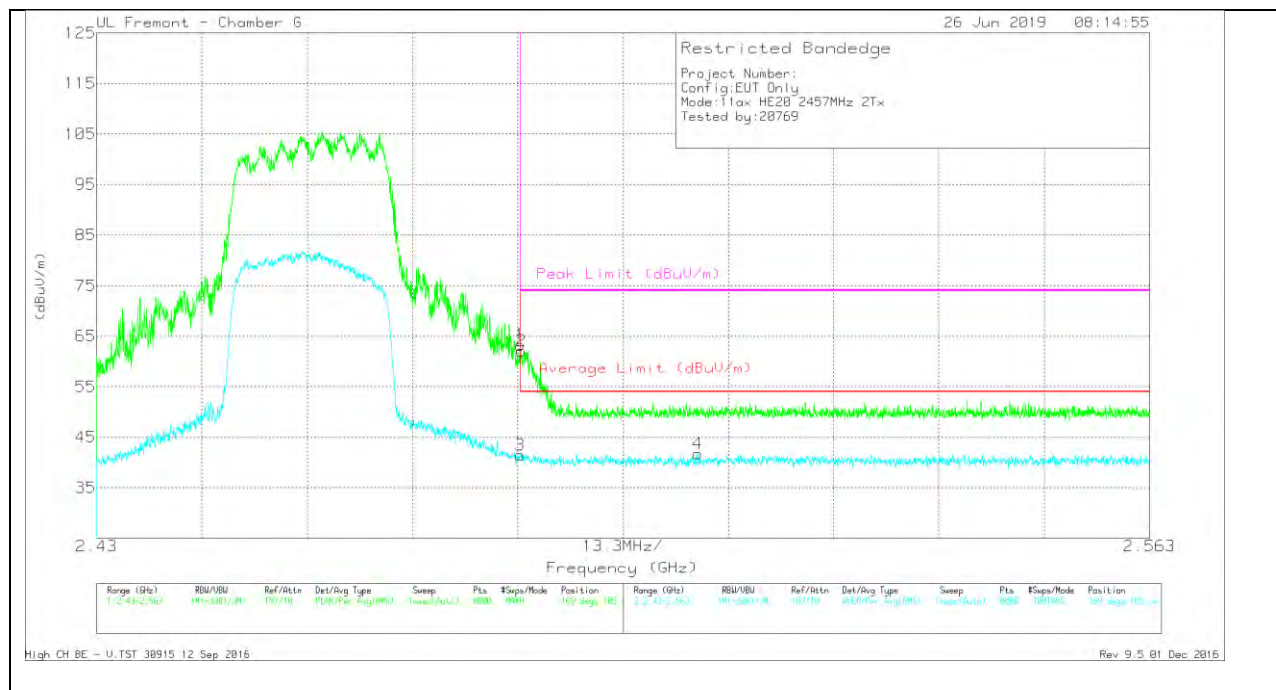
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.2	Pk	32.4	-22.1	62.5	-	-	74	-11.5	169	105	H
2	* 2.484	53.83	Pk	32.4	-22.1	64.13	-	-	74	-9.87	169	105	H
3	* 2.484	40.48	RMS	32.4	-22.1	50.78	54	-3.22	-	-	169	105	H
4	* 2.484	40.94	RMS	32.4	-22.1	51.24	54	-2.76	-	-	169	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	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.97	Pk	32.4	-22.1	63.27	-	-	74	-10.73	169	105	V
2	* 2.484	51.76	Pk	32.4	-22.1	62.06	-	-	74	-11.94	169	105	V
3	* 2.484	31.21	RMS	32.4	-22.1	41.51	54	-12.49	-	-	169	105	V
4	2.506	31.56	RMS	32.4	-22.2	41.76	54	-12.24	-	-	169	105	V

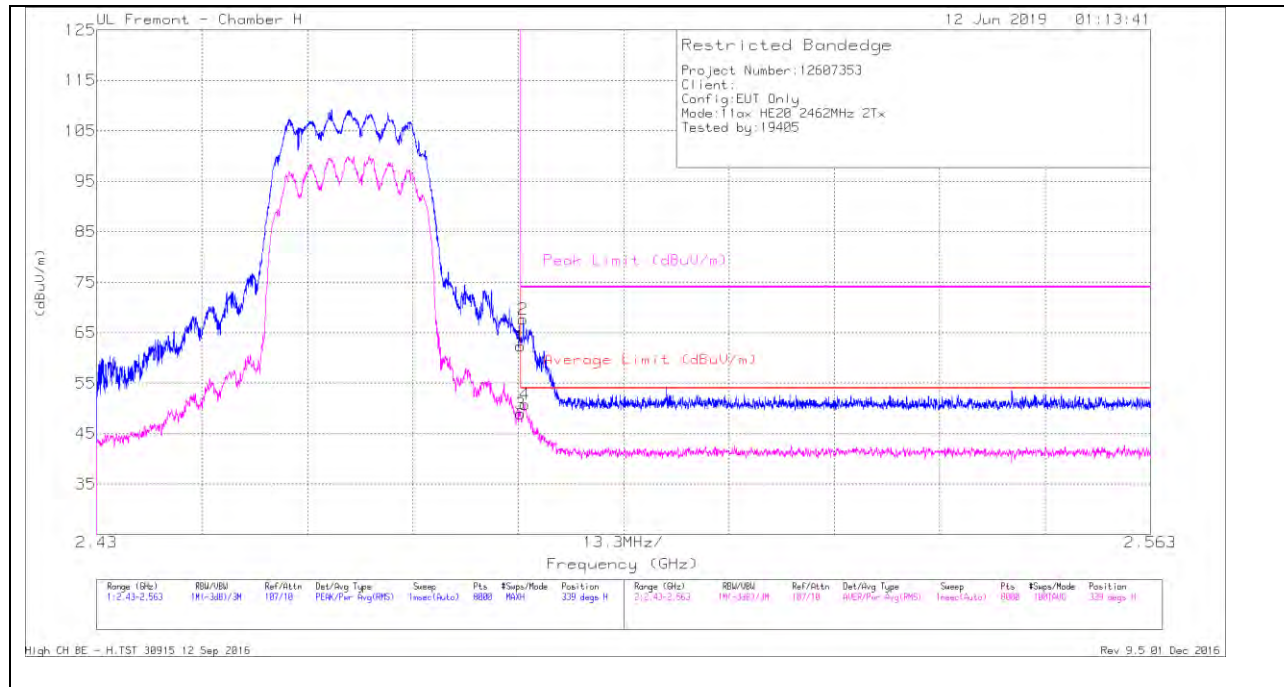
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



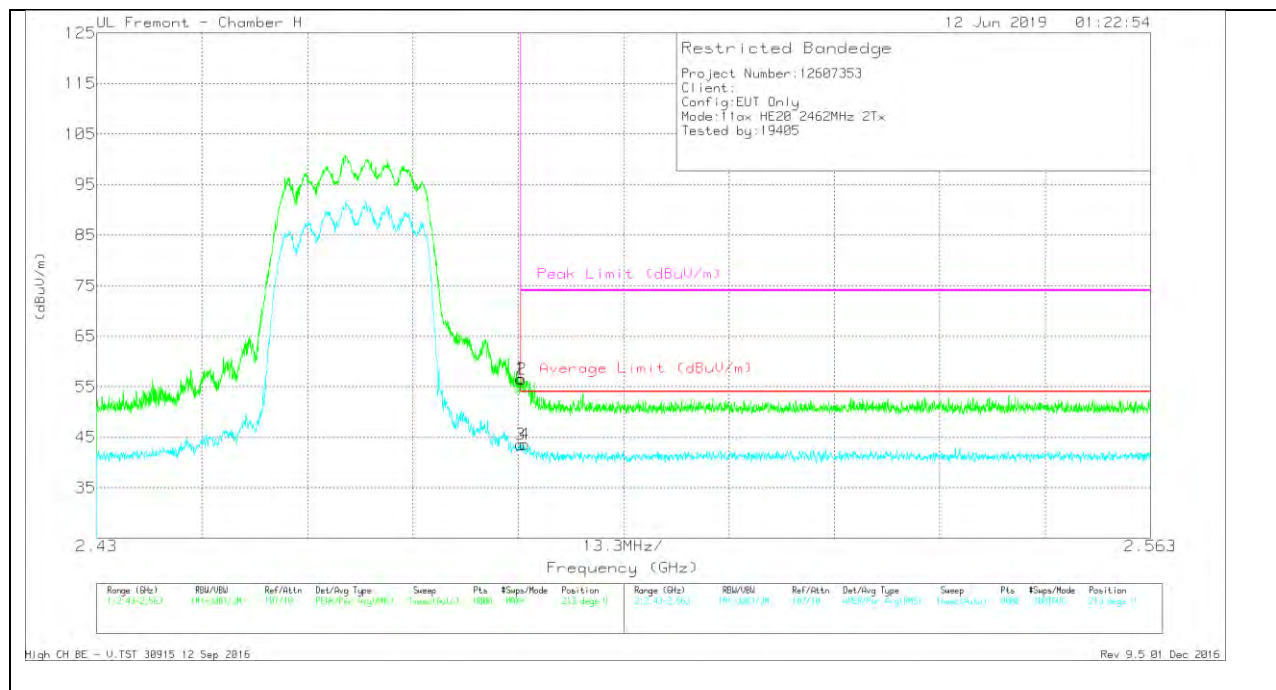
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.1	Pk	32.5	-23.3	62.3	-	-	74	-11.7	339	140	H
2	* 2.484	58.44	Pk	32.5	-23.3	67.64	-	-	74	-6.36	339	140	H
3	* 2.484	39.75	RMS	32.5	-23.3	48.95	54	-5.05	-	-	339	140	H
4	* 2.484	41.58	RMS	32.5	-23.3	50.78	54	-3.22	-	-	339	140	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.47	Pk	32.5	-23.3	56.67	-	-	74	-17.33	213	327	V
2	* 2.484	47.29	Pk	32.5	-23.3	56.49	-	-	74	-17.51	213	327	V
3	* 2.484	34.33	RMS	32.5	-23.3	43.53	54	-10.47	-	-	213	327	V
4	* 2.484	34.39	RMS	32.5	-23.3	43.59	54	-10.41	-	-	213	327	V

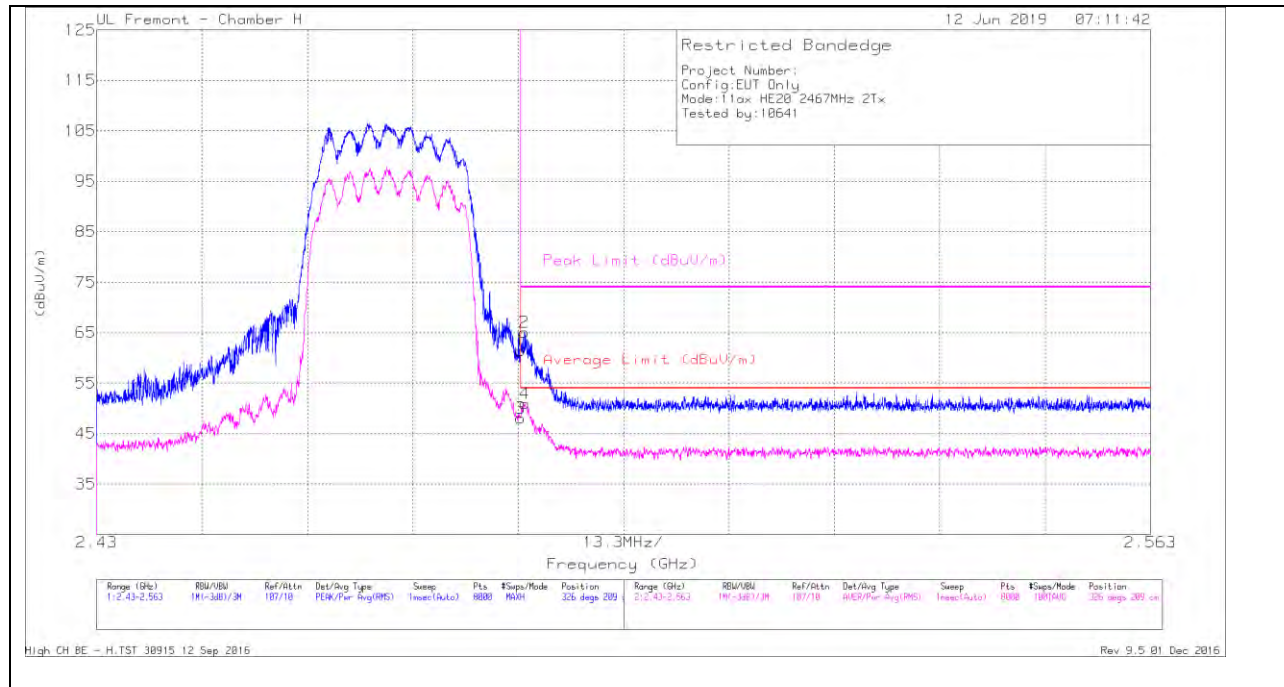
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



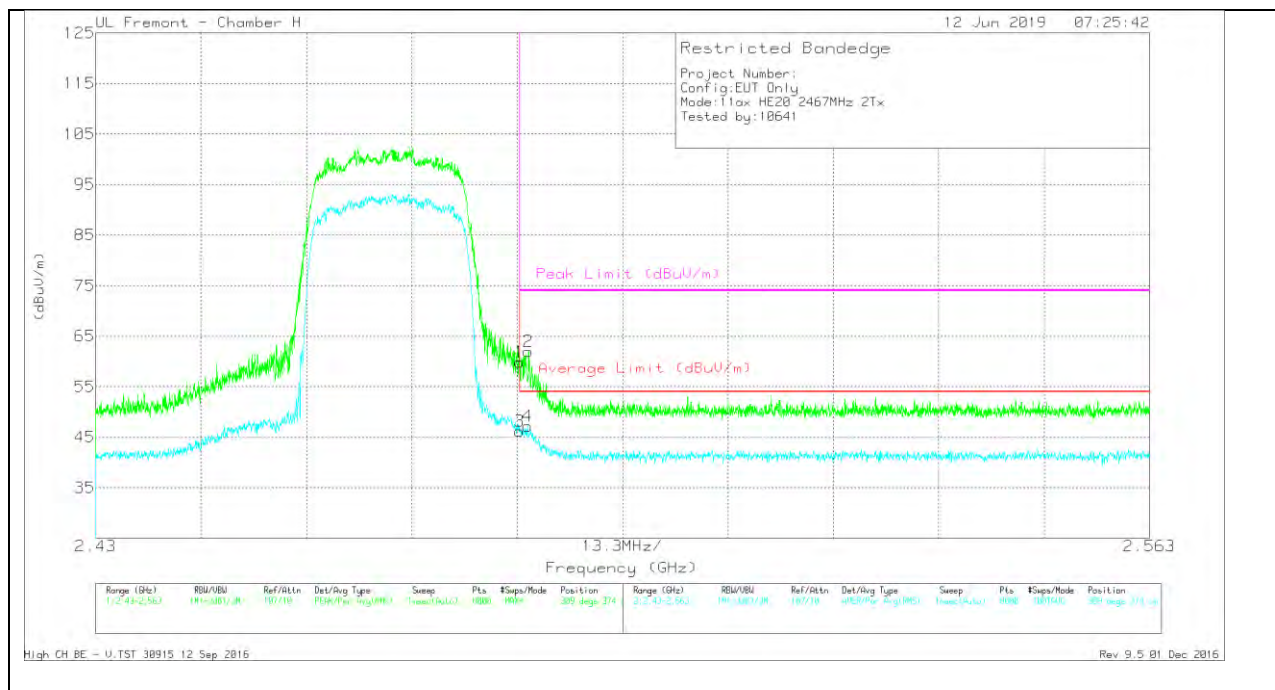
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.31	Pk	32.5	-23.3	61.51	-	-	74	-12.49	326	209	H
2	* 2.484	55.86	Pk	32.5	-23.3	65.06	-	-	74	-8.94	326	209	H
3	* 2.484	38.9	RMS	32.5	-23.3	48.1	54	-5.9	-	-	326	209	H
4	* 2.484	41.73	RMS	32.5	-23.3	50.93	54	-3.07	-	-	326	209	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.66	Pk	32.5	-23.3	59.86	-	-	74	-14.14	309	374	V
2	* 2.485	52.75	Pk	32.5	-23.3	61.95	-	-	74	-12.05	309	374	V
3	* 2.484	36.97	RMS	32.5	-23.3	46.17	54	-7.83	-	-	309	374	V
4	* 2.485	37.96	RMS	32.5	-23.3	47.16	54	-6.84	-	-	309	374	V

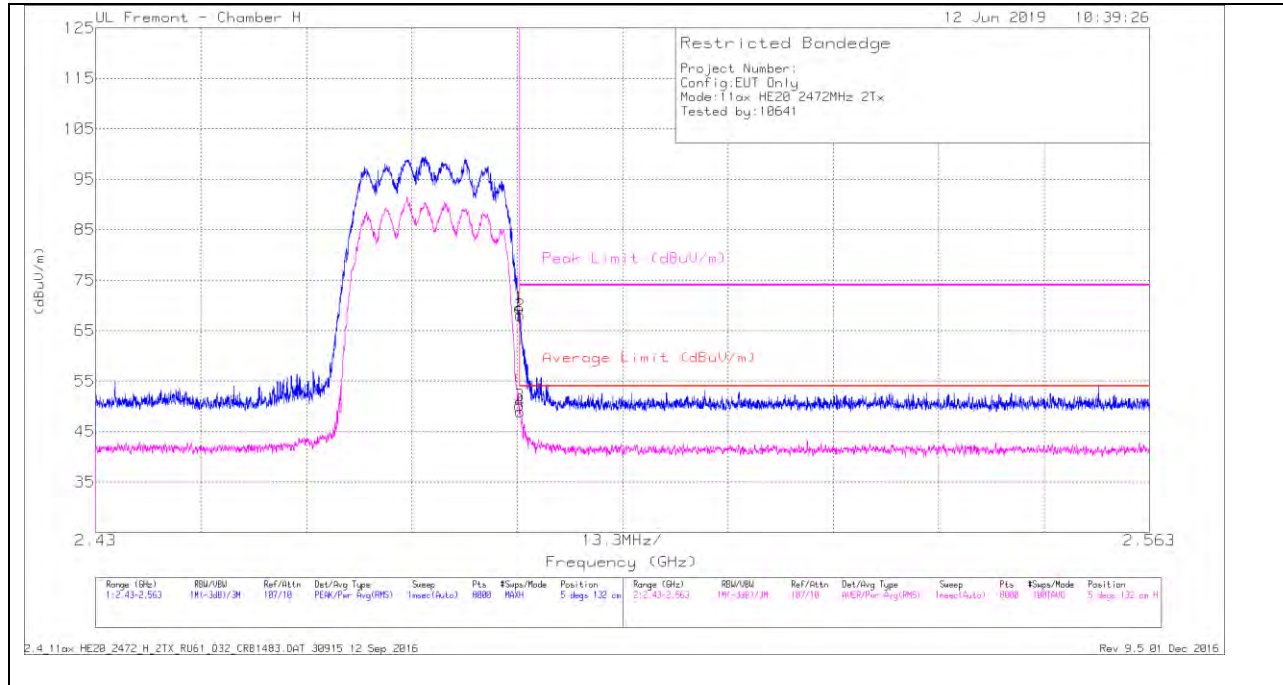
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



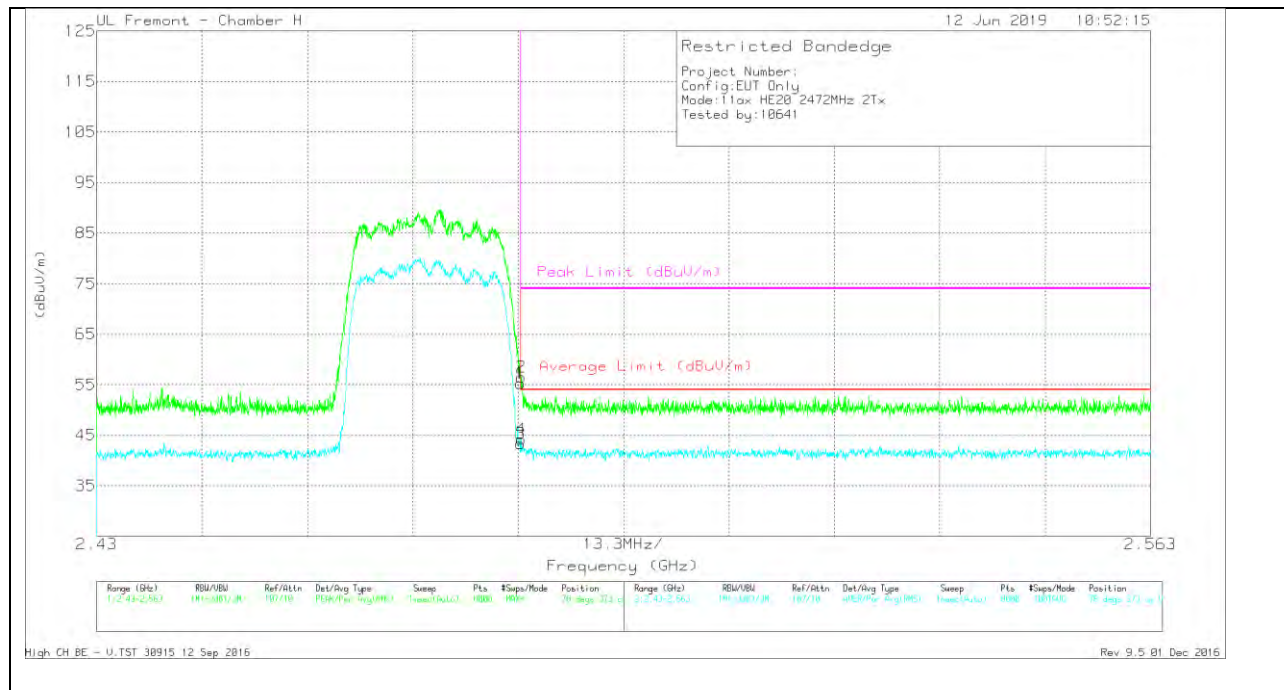
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	60.32	Pk	32.5	-23.3	69.52	-	-	74	-4.48	5	132	H
2	* 2.484	58.84	Pk	32.5	-23.3	68.04	-	-	74	-5.96	5	132	H
3	* 2.484	40.92	RMS	32.5	-23.3	50.12	54	-3.88	-	-	5	132	H
4	* 2.484	39.77	RMS	32.5	-23.3	48.97	54	-5.03	-	-	5	132	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.08	Pk	32.5	-23.3	55.28	-	-	74	-18.72	78	373	V
2	* 2.484	47.31	Pk	32.5	-23.3	56.51	-	-	74	-17.49	78	373	V
3	* 2.484	34.18	RMS	32.5	-23.3	43.38	54	-10.62	-	-	78	373	V
4	* 2.484	35.06	RMS	32.5	-23.3	44.26	54	-9.74	-	-	78	373	V

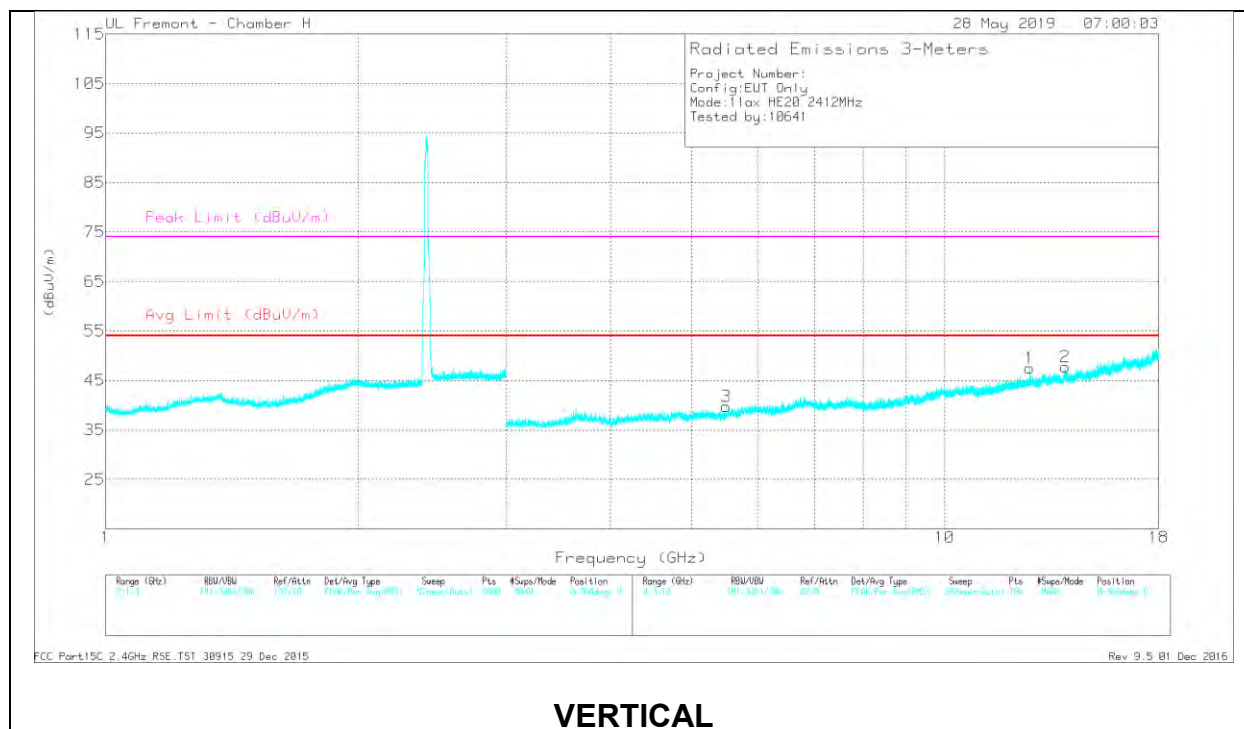
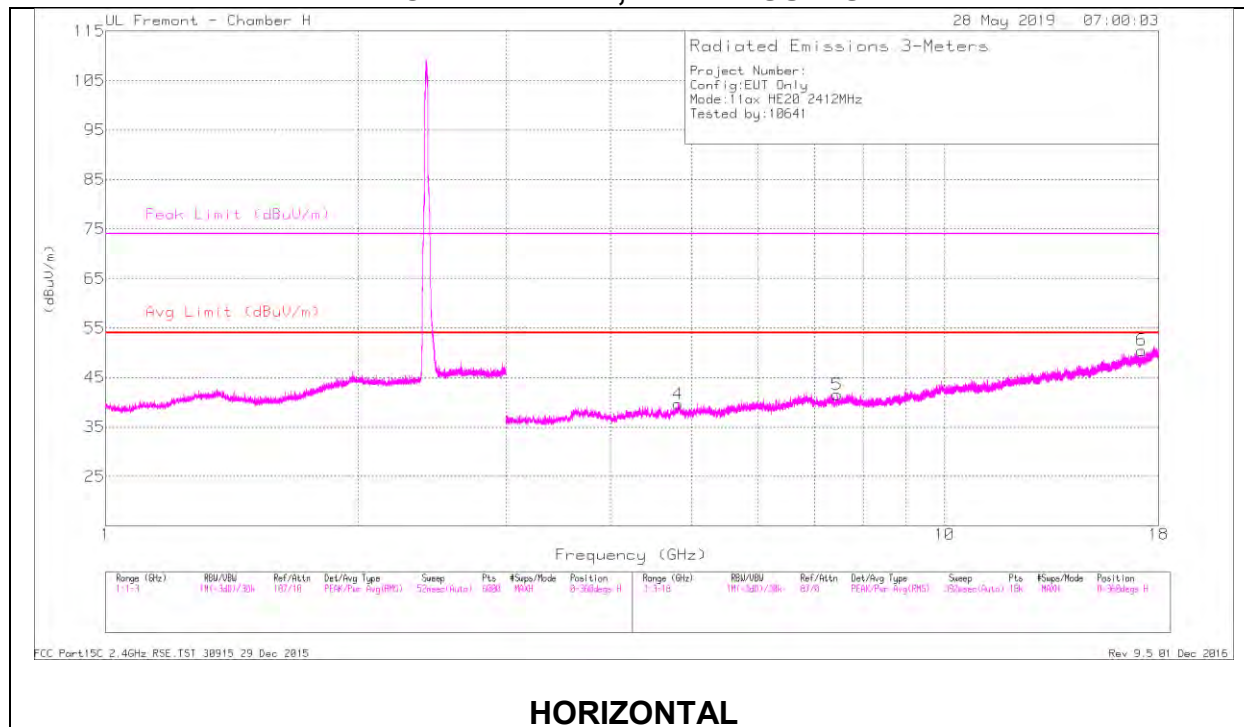
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/ 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	* 4.816	41.52	PK2	34.1	-30.3	45.32	-	-	74	-28.68	190	123	H
	* 4.815	30.8	MAv1	34.1	-30.3	34.6	54	-19.4	-	-	190	123	H
5	* 7.452	38.78	PK2	36.5	-27.4	47.88	-	-	74	-26.12	152	161	H
	* 7.452	27.22	MAv1	36.5	-27.4	36.32	54	-17.68	-	-	152	161	H
1	* 12.632	35.9	PK2	39.2	-22.7	52.4	-	-	74	-21.6	282	160	V
	* 12.632	24.04	MAv1	39.2	-22.6	40.64	54	-13.36	-	-	282	160	V
3	5.497	41.05	PK2	34.6	-29.5	46.15	-	-	74	-27.85	196	212	V
2	13.93	35.39	PK2	39.1	-21	53.49	-	-	74	-20.51	139	100	V
6	17.183	35.44	PK2	41.2	-20.5	56.14	-	-	74	-17.86	161	182	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

UL Fremont - Chamber H

28 May 2019 09:21:17

Radiated Emissions 3-Meters

Project Number:
Config: EUT Only
Mode: Max HE20 2437MHz
Tested by: 10641

Peak Limit (dBuV/m)

Avg. Limit (dBuV/m)

(dBuV/m)

Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sweeps/Mode	Position	Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sweeps/Mode	Position
1-18	1Hz/3dB/30%	107/10	PkR/Pwr Avg(RMS)	5 Sweeps/Hz	6000	1000	0-360 deg H	1-18	1Hz/3dB/30%	67/0	PkR/Pwr Avg(RMS)	20 Sweeps/Hz	1000	1000	0-360 deg H

FCC Part15C 2.4GHz RSE_TST 30915_29 Dec 2015

Rev 9.5 01 Dec 2016

HORIZONTAL

Page 500 of 513

RADIATED EMISSIONS

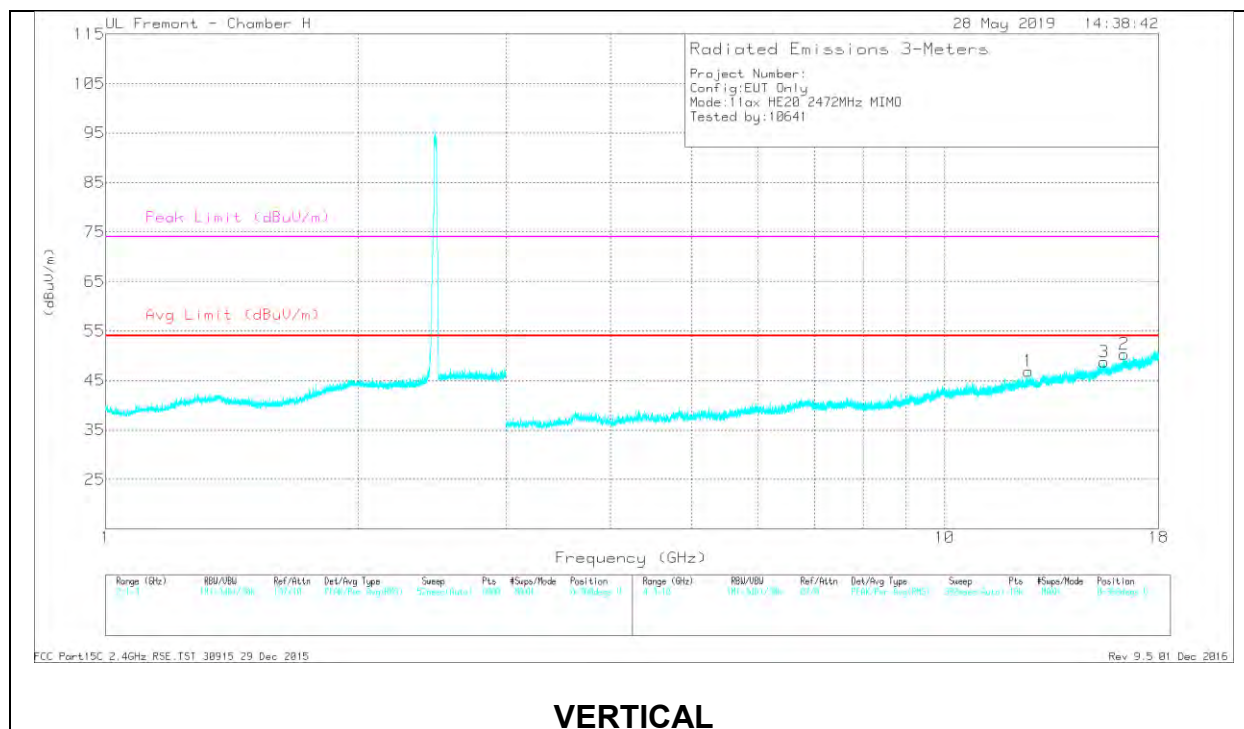
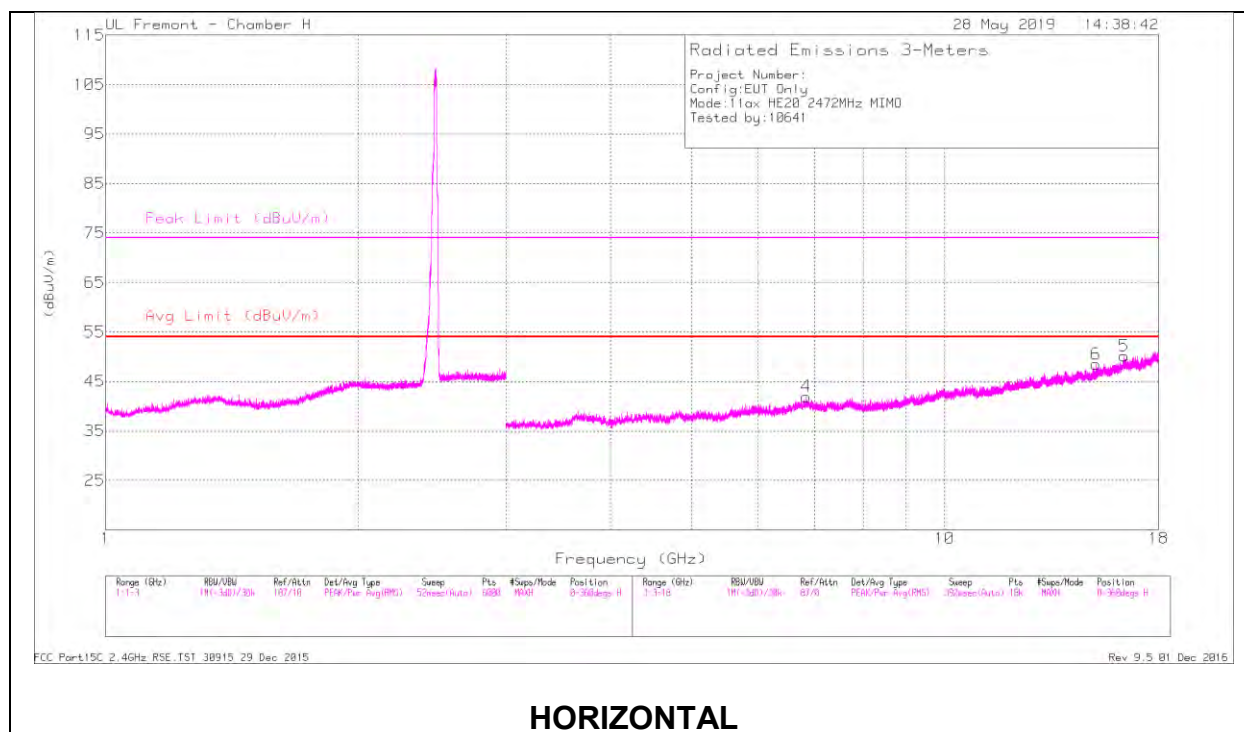
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.831	41.66	PK2	34.1	-30.4	45.36	-	-	74	-28.64	92	124	H
	* 4.83	30.87	MAv1	34.1	-30.4	34.57	54	-19.43	-	-	92	124	H
1	* 4.836	41.26	PK2	34	-30.3	44.96	-	-	74	-29.04	157	183	V
	* 4.836	30.5	MAv1	34	-30.3	34.2	54	-19.8	-	-	157	183	V
2	* 11.947	36.34	PK2	38.8	-23.1	52.04	-	-	74	-21.96	175	204	V
	* 11.945	24.86	MAv1	38.8	-23.2	40.46	54	-13.54	-	-	175	204	V
3	* 15.687	36.44	PK2	40.6	-22.4	54.64	-	-	74	-19.36	149	182	V
	* 15.684	25.23	MAv1	40.6	-22.4	43.43	54	-10.57	-	-	149	182	V
5	8.585	37.4	PK2	35.9	-25.4	47.9	-	-	74	-26.10	120	193	H
6	13.734	36.4	PK2	39.1	-22.6	52.9	-	-	74	-21.10	154	216	H

* - 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 13 RESULTS



RADIATED EMISSIONS

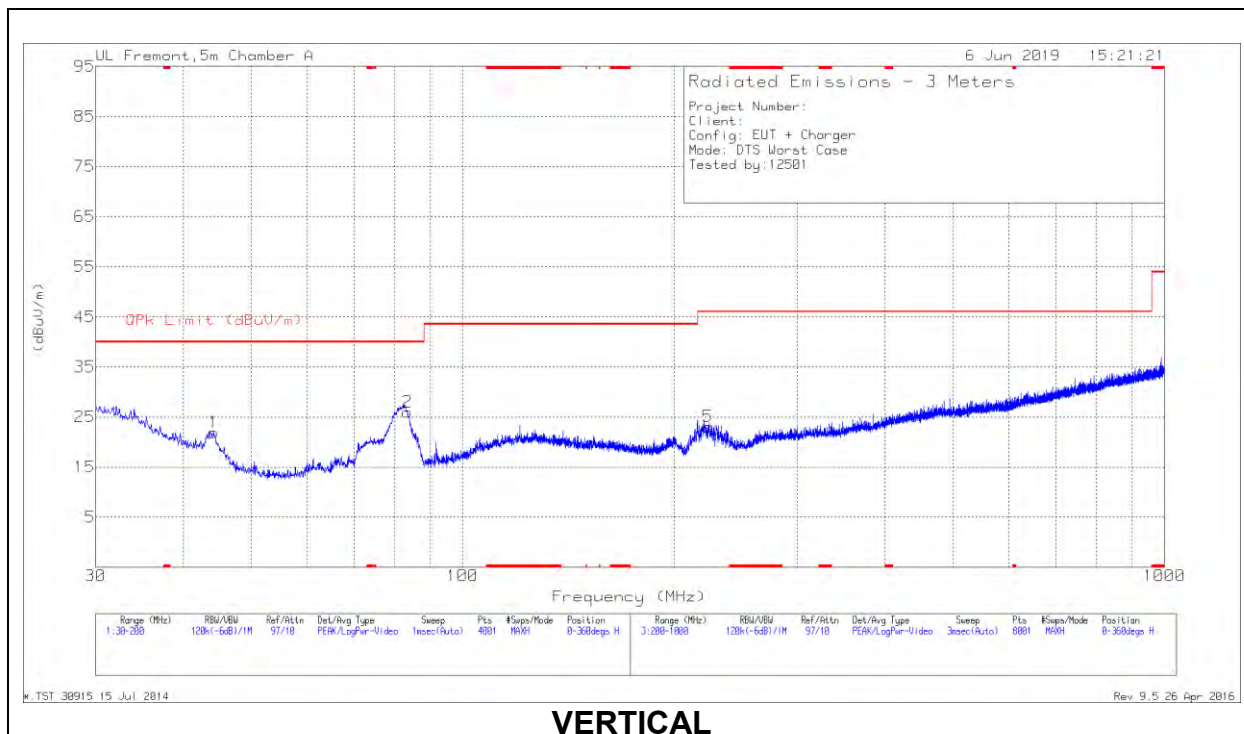
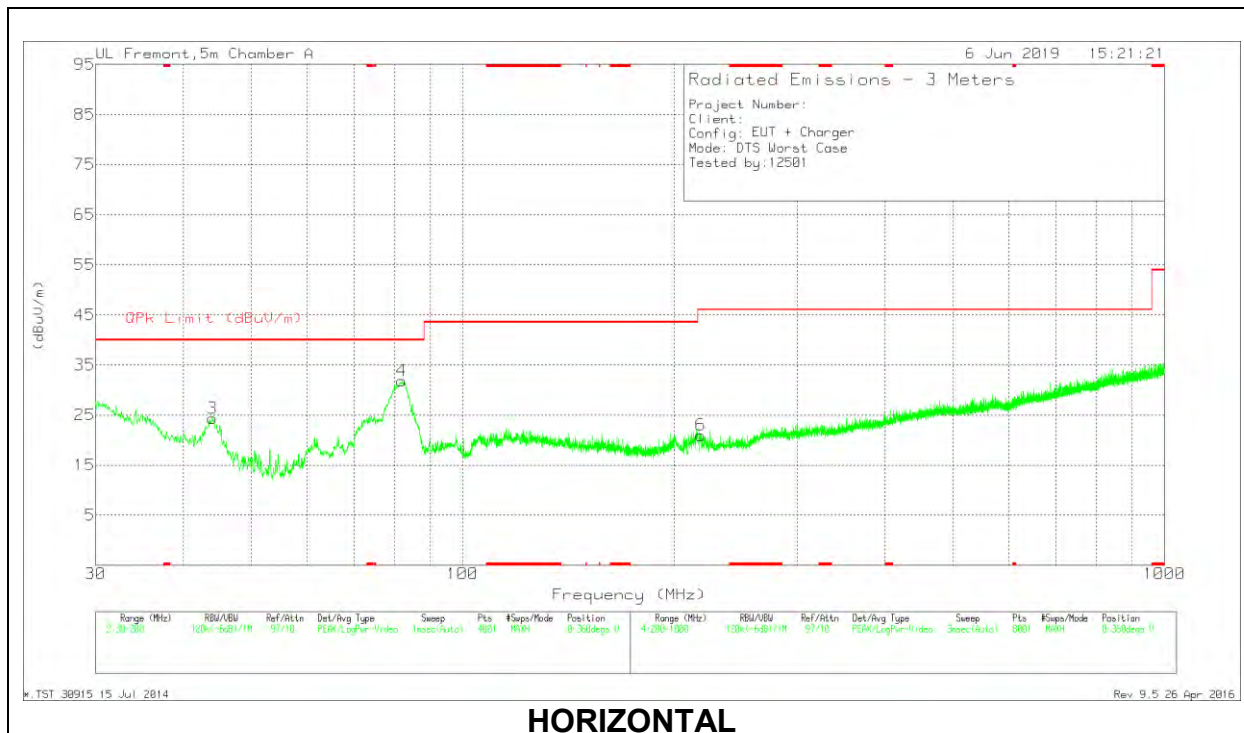
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 12.599	35.22	PK2	39.3	-22.7	51.82	-	-	74	-22.18	302	163	V
	* 12.596	24.47	MAv1	39.3	-22.8	40.97	54	-13.03	-	-	302	163	V
3	* 15.492	35.2	PK2	41	-21.6	54.6	-	-	74	-19.4	251	181	V
	* 15.49	24.44	MAv1	40.9	-21.7	43.64	54	-10.36	-	-	251	181	V
4	6.846	39.41	PK2	36.7	-27.7	48.41	-	-	74	-25.59	164	202	H
6	15.16	36.11	PK2	40.2	-22.5	53.81	-	-	74	-20.19	189	196	H
2	16.369	35.7	PK2	41.5	-20.7	56.5	-	-	74	-17.50	224	194	V
5	16.373	36.23	PK2	41.4	-20.9	56.73	-	-	74	-17.27	151	214	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2. WORST CASE BELOW 1 GHz

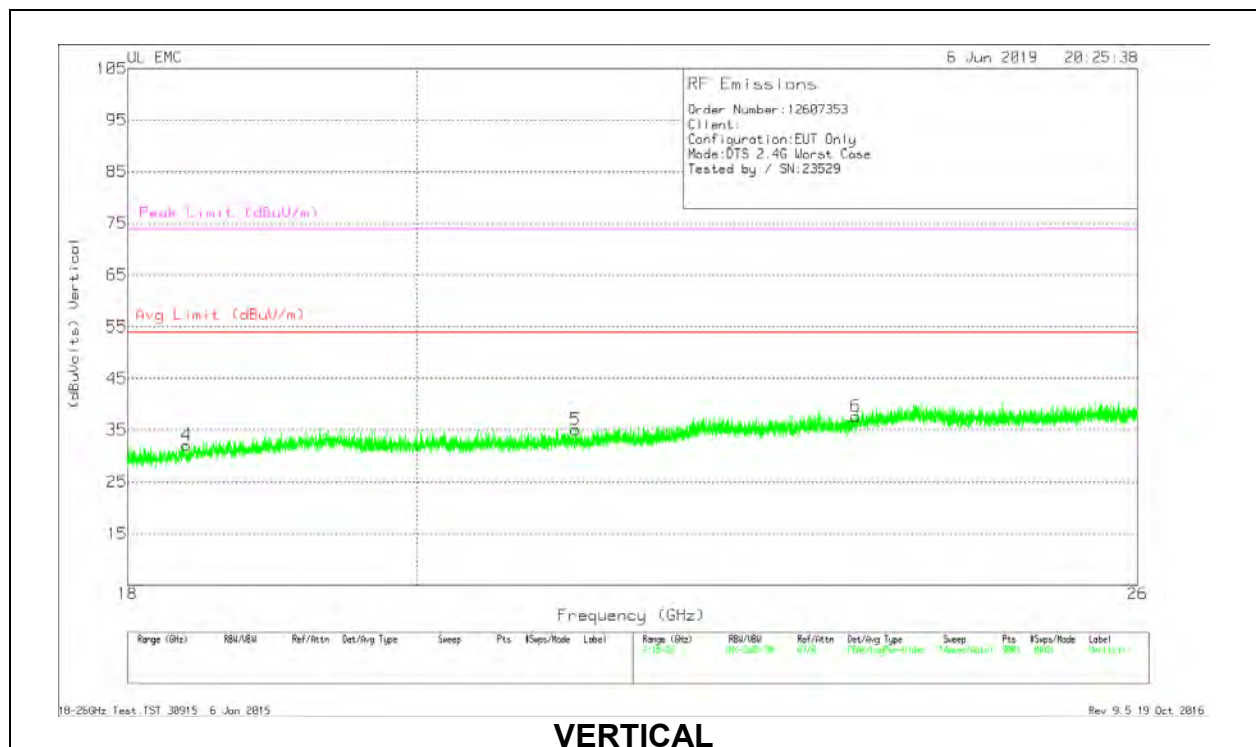
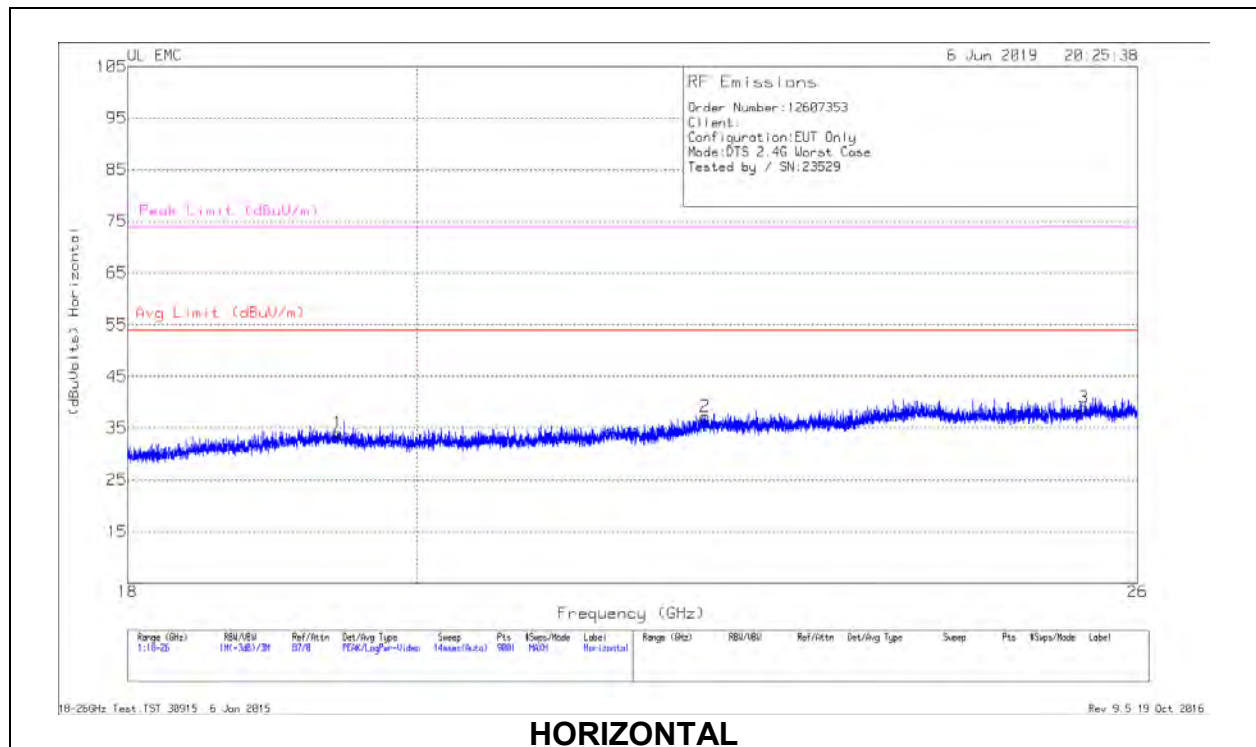


Below 1GHz DATA

Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
43.9865	30.74	Qp	16.6	-27	20.34	40	-19.66	219	112	V
44.2267	27.72	Qp	16.5	-27	17.22	40	-22.78	351	192	H
82.1613	38.26	Qp	13.2	-26.5	24.96	40	-15.04	80	178	V
83.1941	36.51	Qp	13.2	-26.5	23.21	40	-16.79	304	148	H
218.7086	22.07	Qp	16.6	-24.9	13.77	46.02	-32.25	169	269	V
223.652	25.27	Qp	16.7	-24.9	17.07	46.02	-28.95	125	159	H

Qp - Quasi-Peak detector

9.3. WORST CASE 18-26 GHz



18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.433	31.97	Pk	32.8	-21.2	-9.5	34.07	54	-19.93	74	-39.93
2	22.212	33.4	Pk	33.5	-20.2	-9.5	37.2	54	-16.8	74	-36.8
3	25.496	33.84	Pk	34.5	-19.9	-9.5	38.94	54	-15.06	74	-35.06
4	18.391	31.44	Pk	32.4	-22.3	-9.5	32.04	54	-21.96	74	-41.96
5	21.191	32.67	Pk	33	-21.1	-9.5	35.07	54	-18.93	74	-38.93
6	23.466	33.17	Pk	34	-20	-9.5	37.67	54	-16.33	74	-36.33

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

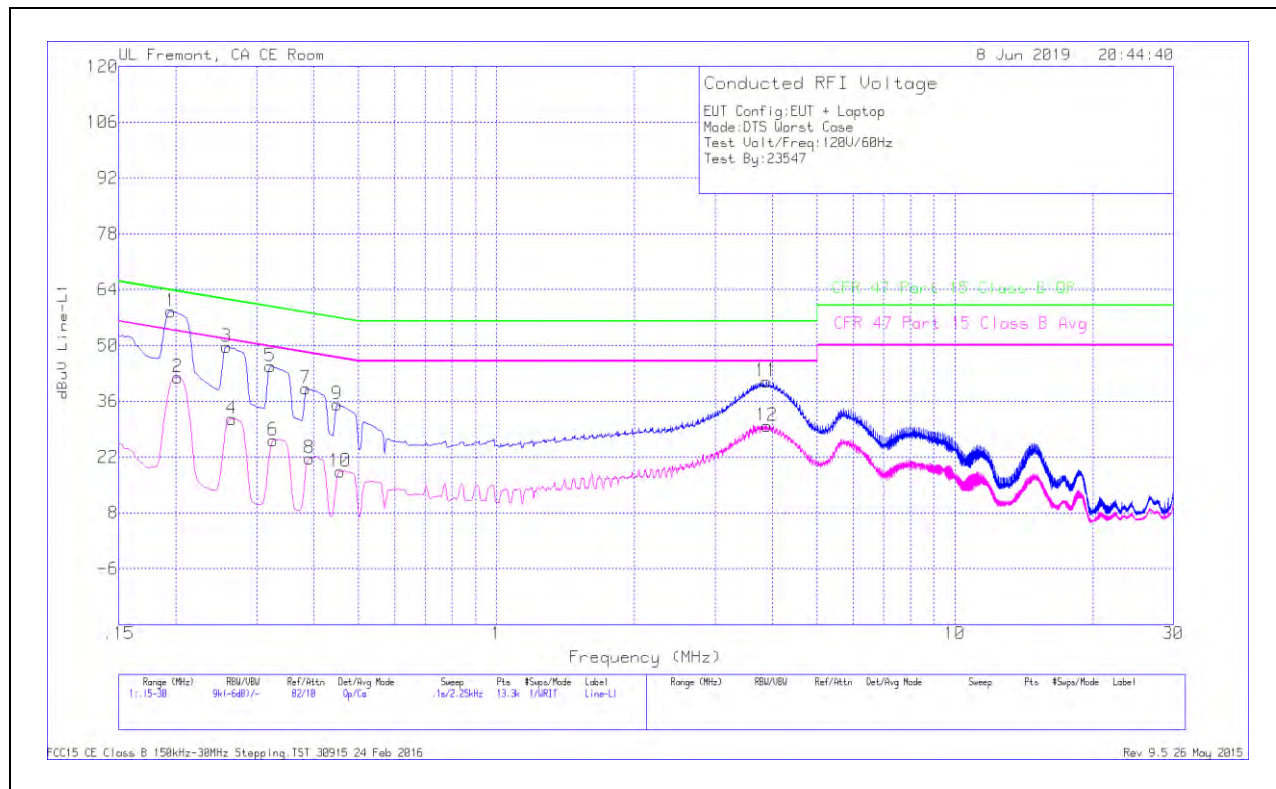
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

10.1.1. AC Power Line Host

LINE 1 RESULTS



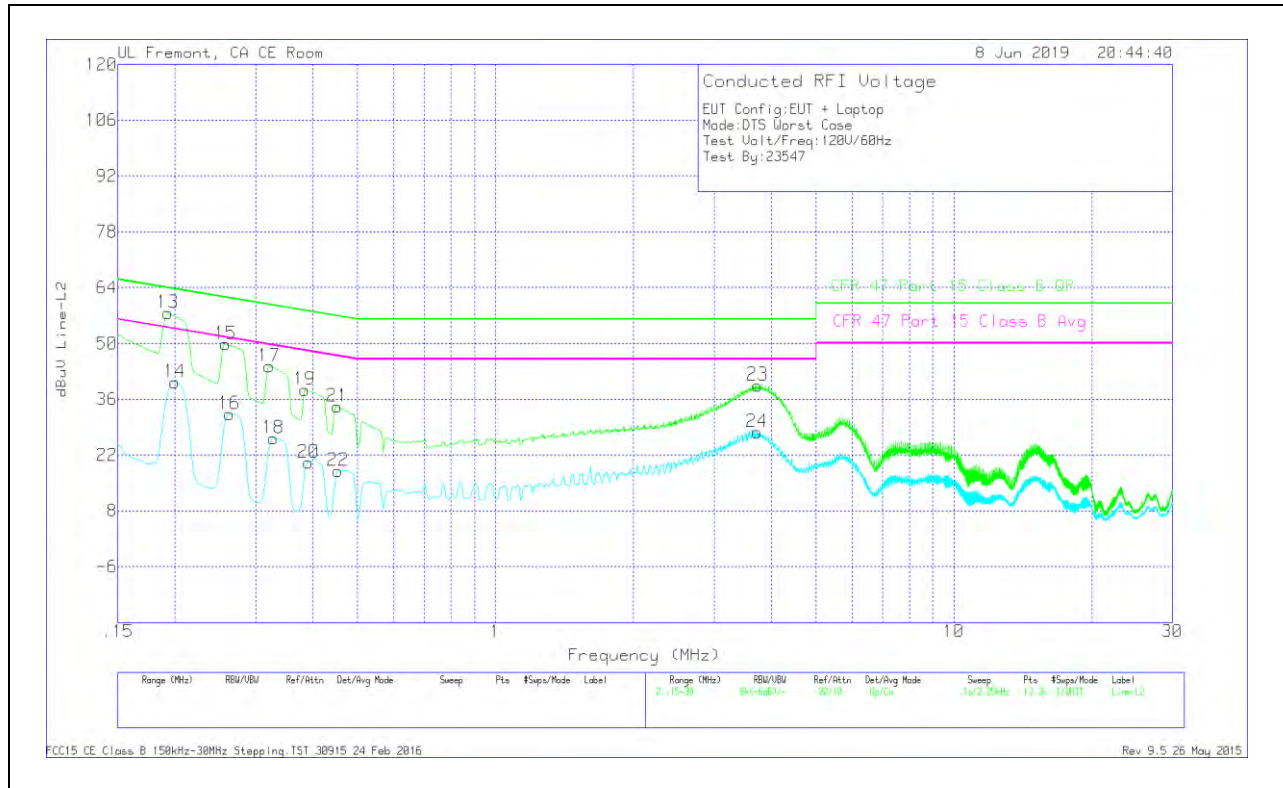
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.195	48.38	Qp	0	0	10.1	58.48	63.82	-5.34	-	-
2	.20175	31.96	Ca	0	0	10.1	42.06	-	-	53.54	-11.48
3	.258	39.6	Qp	0	0	10.1	49.7	61.5	-11.8	-	-
4	.26475	21.52	Ca	0	0	10.1	31.62	-	-	51.28	-19.66
5	.321	34.73	Qp	0	0	10.1	44.83	59.68	-14.85	-	-
6	.3255	16.09	Ca	0	0	10.1	26.19	-	-	49.57	-23.38
7	.384	29.06	Qp	0	0	10.1	39.16	58.19	-19.03	-	-
8	.39075	11.5	Ca	0	0	10.1	21.6	-	-	48.05	-26.45
9	.44925	25.13	Qp	0	0	10.1	35.23	56.89	-21.66	-	-
10	.456	8.3	Ca	0	0	10.1	18.4	-	-	46.77	-28.37
11	3.88275	30.84	Qp	0	.1	10.1	41.04	56	-14.96	-	-
12	3.8895	19.61	Ca	0	.1	10.1	29.81	-	-	46	-16.19

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

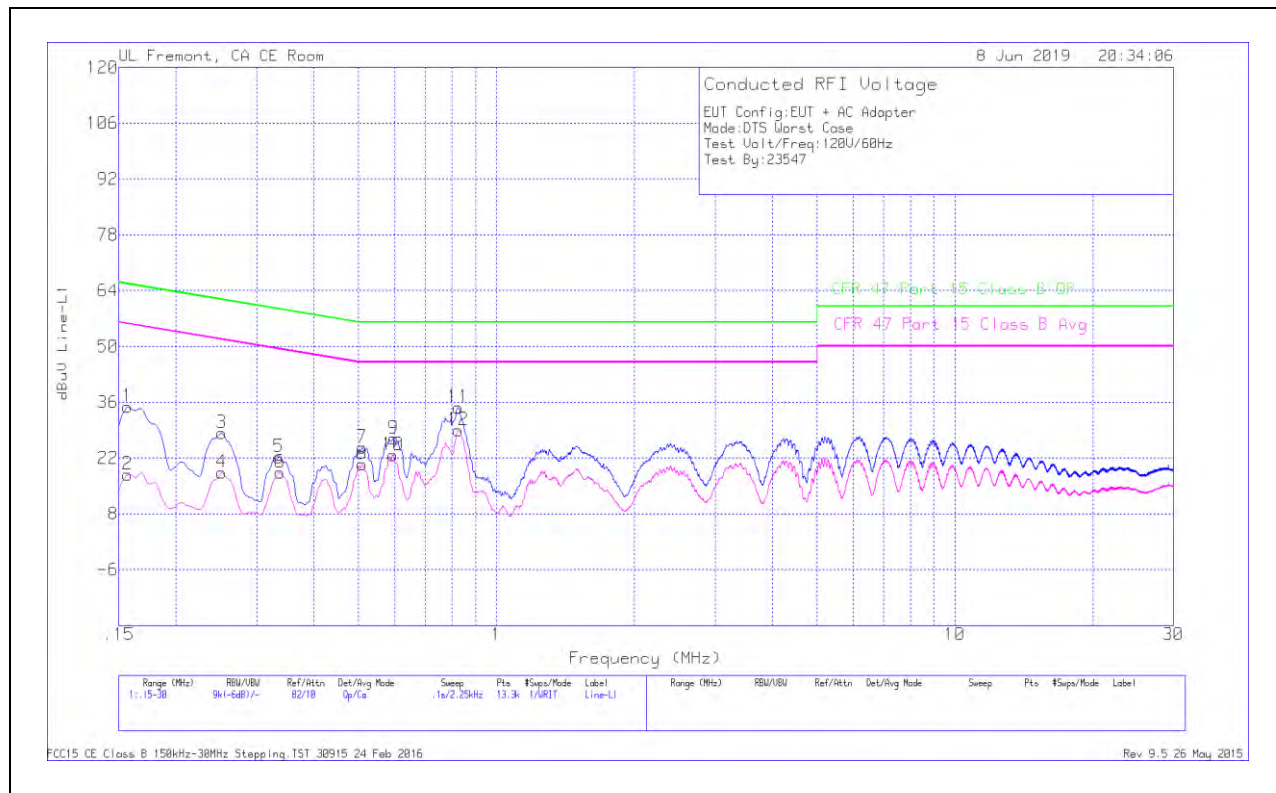
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.19275	47.48	Qp	0	0	10.1	57.58	63.92	-6.34	-	-
14	.1995	30.13	Ca	0	0	10.1	40.23	-	-	53.63	-13.4
15	.258	39.7	Qp	0	0	10.1	49.8	61.5	-11.7	-	-
16	.2625	22.09	Ca	0	0	10.1	32.19	-	-	51.35	-19.16
17	.321	34.22	Qp	0	0	10.1	44.32	59.68	-15.36	-	-
18	.32775	16.02	Ca	0	0	10.1	26.12	-	-	49.51	-23.39
19	.384	28.24	Qp	0	0	10.1	38.34	58.19	-19.85	-	-
20	.39075	10.06	Ca	0	0	10.1	20.16	-	-	48.05	-27.89
21	.4515	24.07	Qp	0	0	10.1	34.17	56.85	-22.68	-	-
22	.45375	7.84	Ca	0	0	10.1	17.94	-	-	46.81	-28.87
23	3.7365	29.28	Qp	0	.1	10.1	39.48	56	-16.52	-	-
24	3.7185	17.5	Ca	0	.1	10.1	27.7	-	-	46	-18.3

Qp - Quasi-Peak detector

Ca - CISPR average detection

10.1.2. AC Power Line Norm

LINE 1 RESULTS



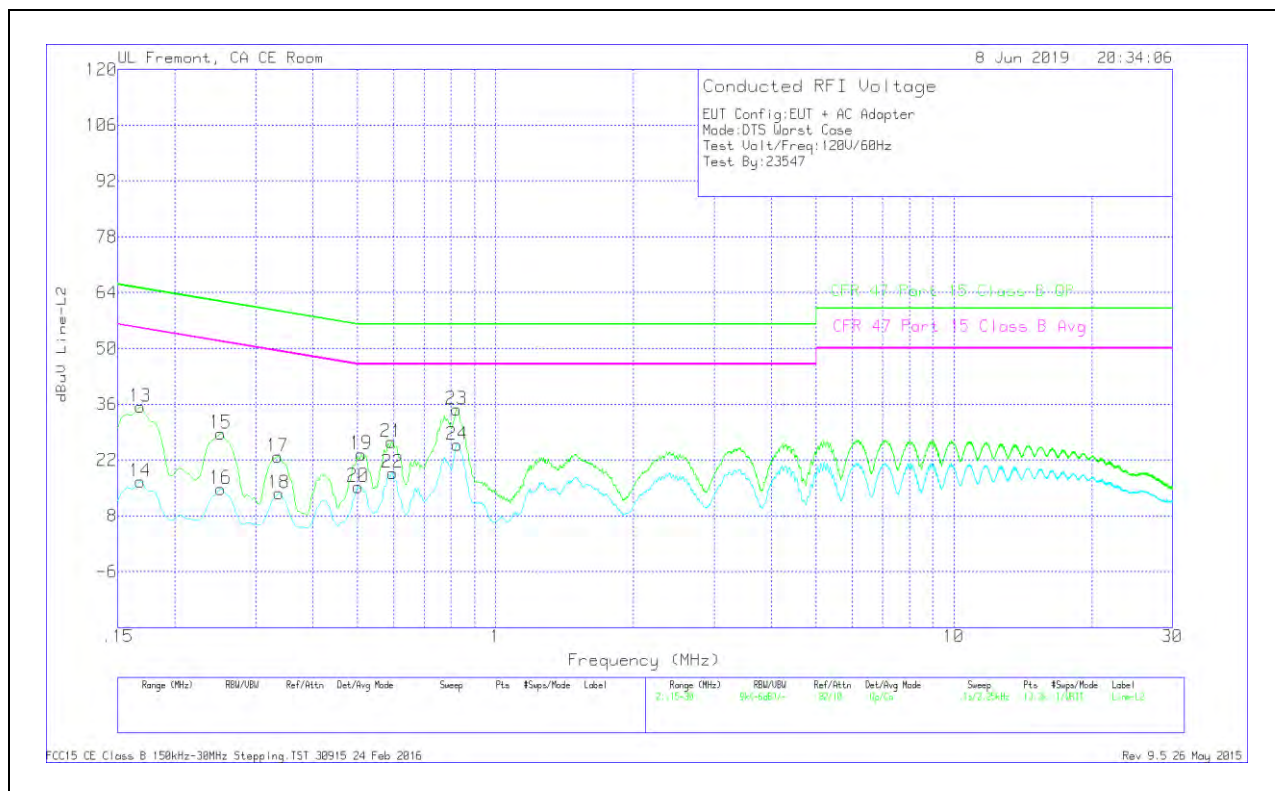
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.15675	24.63	Qp	.1	0	10.1	34.83	65.63	-30.8	-	-
2	.15675	7.72	Ca	.1	0	10.1	17.92	-	-	55.63	-37.71
3	.25125	18.13	Qp	0	0	10.1	28.23	61.72	-33.49	-	-
4	.25125	8.33	Ca	0	0	10.1	18.43	-	-	51.72	-33.29
5	.3345	12.15	Qp	0	0	10.1	22.25	59.34	-37.09	-	-
6	.33675	8.32	Ca	0	0	10.1	18.42	-	-	49.28	-30.86
7	.51	14.55	Qp	0	0	10.1	24.65	56	-31.35	-	-
8	.51	10.4	Ca	0	0	10.1	20.5	-	-	46	-25.5
9	.5955	16.71	Qp	0	0	10.1	26.81	56	-29.19	-	-
10	.59437	12.67	Ca	0	0	10.1	22.77	-	-	46	-23.23
11	.825	24.55	Qp	0	0	10.1	34.65	56	-21.35	-	-
12	.825	18.88	Ca	0	0	10.1	28.98	-	-	46	-17.02

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.168	25.16	Qp	.1	0	10.1	35.36	65.06	-29.7	-	-
14	.168	6.46	Ca	.1	0	10.1	16.66	-	-	55.06	-38.4
15	.25125	18.6	Qp	0	0	10.1	28.7	61.72	-33.02	-	-
16	.25125	4.7	Ca	0	0	10.1	14.8	-	-	51.72	-36.92
17	.3345	12.72	Qp	0	0	10.1	22.82	59.34	-36.52	-	-
18	.33675	3.59	Ca	0	0	10.1	13.69	-	-	49.28	-35.59
19	.51	13.39	Qp	0	0	10.1	23.49	56	-32.51	-	-
20	.501	5.22	Ca	0	0	10.1	15.32	-	-	46	-30.68
21	.59325	16.47	Qp	0	0	10.1	26.57	56	-29.43	-	-
22	.5955	8.7	Ca	0	0	10.1	18.8	-	-	46	-27.2
23	.82275	24.6	Qp	0	0	10.1	34.7	56	-21.3	-	-
24	.825	15.8	Ca	0	0	10.1	25.9	-	-	46	-20.1

Qp - Quasi-Peak detector

Ca - CISPR average detection

END OF TEST REPORT

11. SETUP PHOTOS

Please refer to 12607353-EP1V1 for setup photos