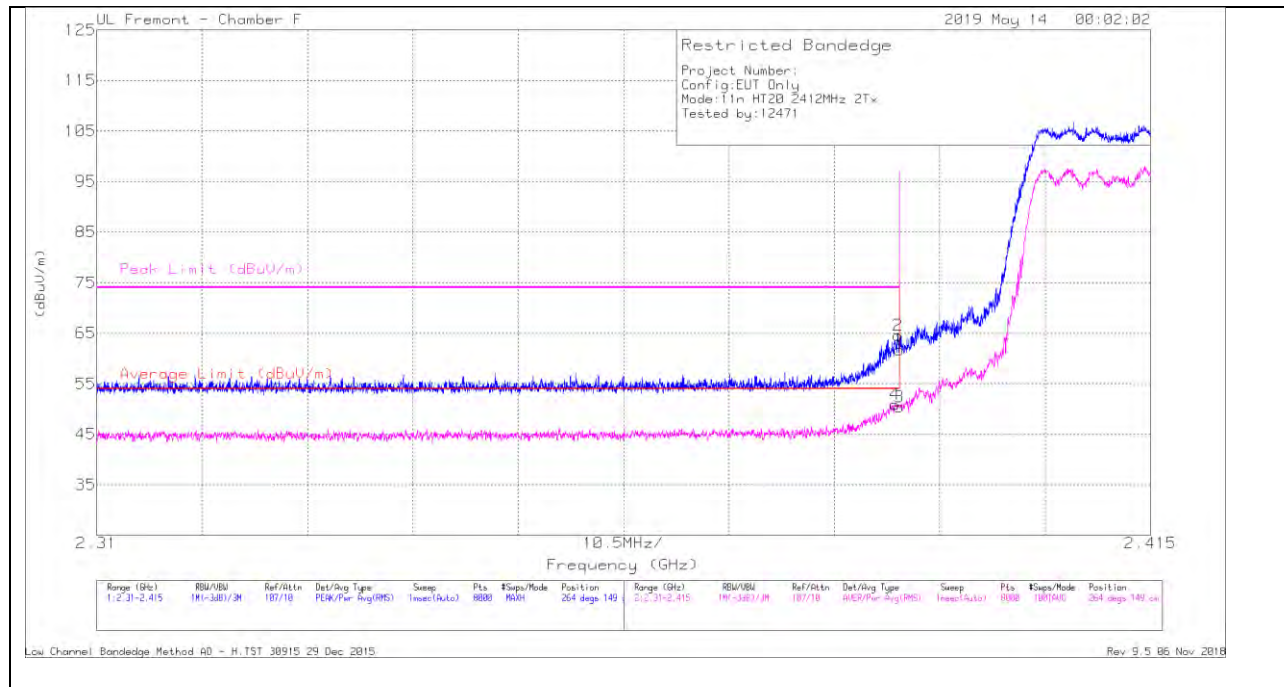


9.1.3. TX ABOVE 1 GHz 802.11 HT20 CDD MODE IN THE 2.4 GHz BAND

2TX Antenna 2 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.59	Pk	32	-14.9	61.69	-	-	74	-12.31	264	149	H
2	* 2.39	47.47	Pk	32	-14.9	64.57	-	-	74	-9.43	264	149	H
3	* 2.39	33.26	RMS	32	-14.9	50.36	54	-3.64	-	-	264	149	H
4	* 2.39	33.85	RMS	32	-14.9	50.95	54	-3.05	-	-	264	149	H

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

Pk - Peak detector

RMS - RMS detection

Low Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

2019 May 14 00:08:58

Restricted Bandedge

Project Number:
Config:EUT Only
Mode:11n HT20 2412MHz 2Tx
Tested by:12471

0N

0.4

10.5MHz/
Frequency (GHz)

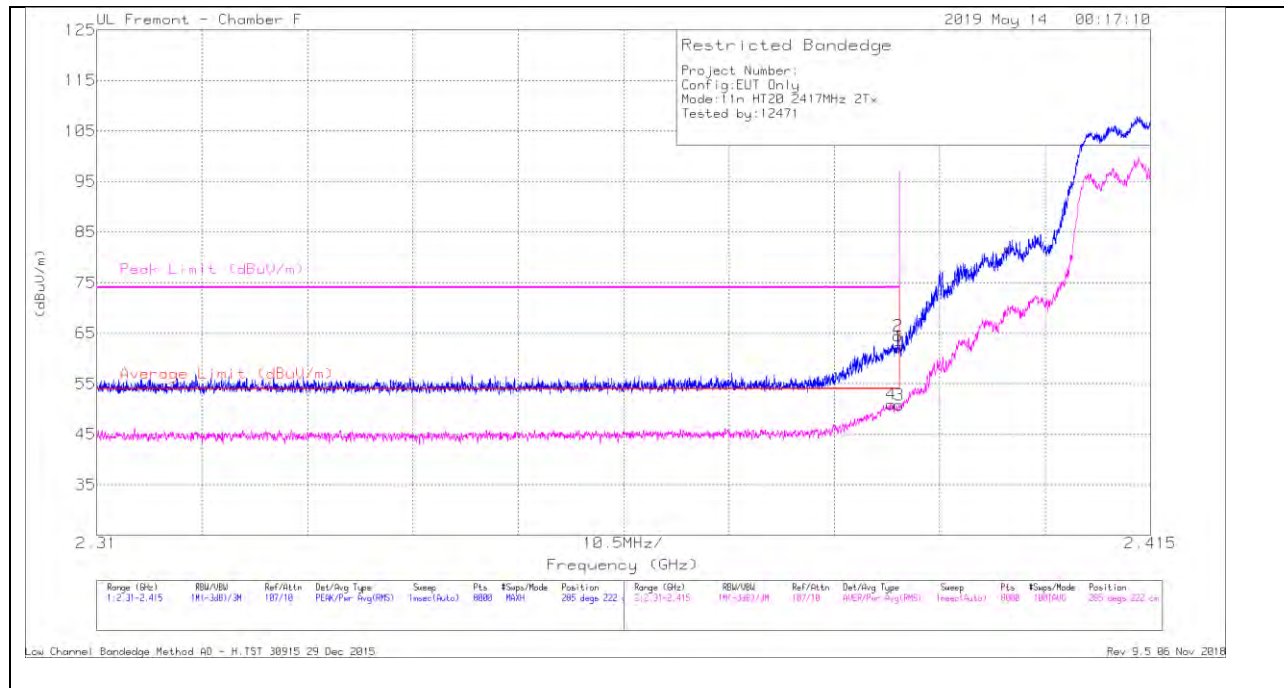
2.415

#Seps/Mode	Position	Range (GHz)	RBW/VBW	Ref/Defn	Det/Avg Type	Sweep	P1A	#Seps/Mode	Position
0, 1000	94, steps: 127	2.415-2.415	100, 100	100, 100	RMS, RMS	1000, 1000	1000	100, 100	94, steps: 127

Rev 9.5 86 Nov 2018

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /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	37.21	Pk	32	-14.9	54.31	-	-	74	-19.69	94	337	V
2	* 2.372	40.27	Pk	31.9	-14.9	57.27	-	-	74	-16.73	94	337	V
3	* 2.39	28.9	RMS	32	-14.9	46	54	-8	-	-	94	337	V
4	* 2.39	29.24	RMS	32	-14.9	46.34	54	-7.66	-	-	94	337	V

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BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /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	45.27	Pk	32	-14.9	62.37	-	-	74	-11.63	285	222	H
2	* 2.39	47.39	Pk	32	-14.9	64.49	-	-	74	-9.51	285	222	H
3	* 2.39	33.72	RMS	32	-14.9	50.82	54	-3.18	-	-	285	222	H
4	* 2.389	33.84	RMS	32	-14.9	50.94	54	-3.06	-	-	285	222	H

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

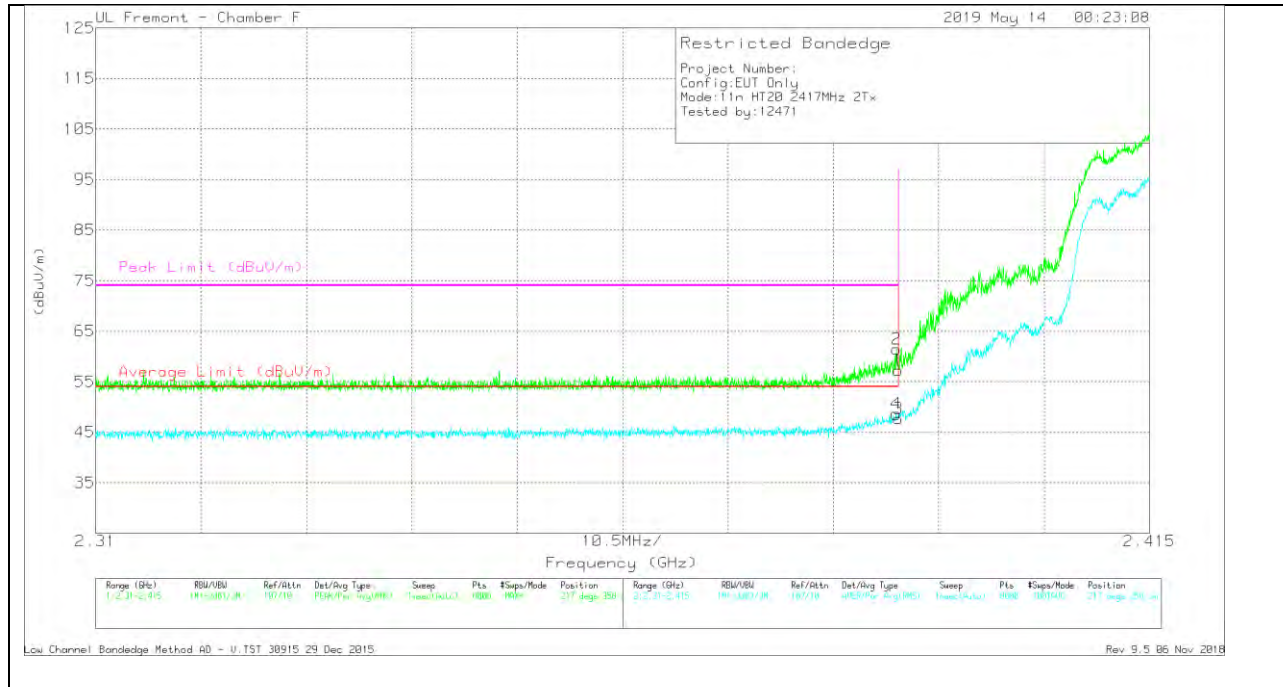
Pk - Peak detector

RMS - RMS detection

Low Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /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	40.13	Pk	32	-14.9	57.23	-	-	74	-16.77	217	358	V
2	* 2.39	44.33	Pk	32	-14.9	61.43	-	-	74	-12.57	217	358	V
3	* 2.39	30.59	RMS	32	-14.9	47.69	54	-6.31	-	-	217	358	V
4	* 2.39	31.52	RMS	32	-14.9	48.62	54	-5.38	-	-	217	358	V

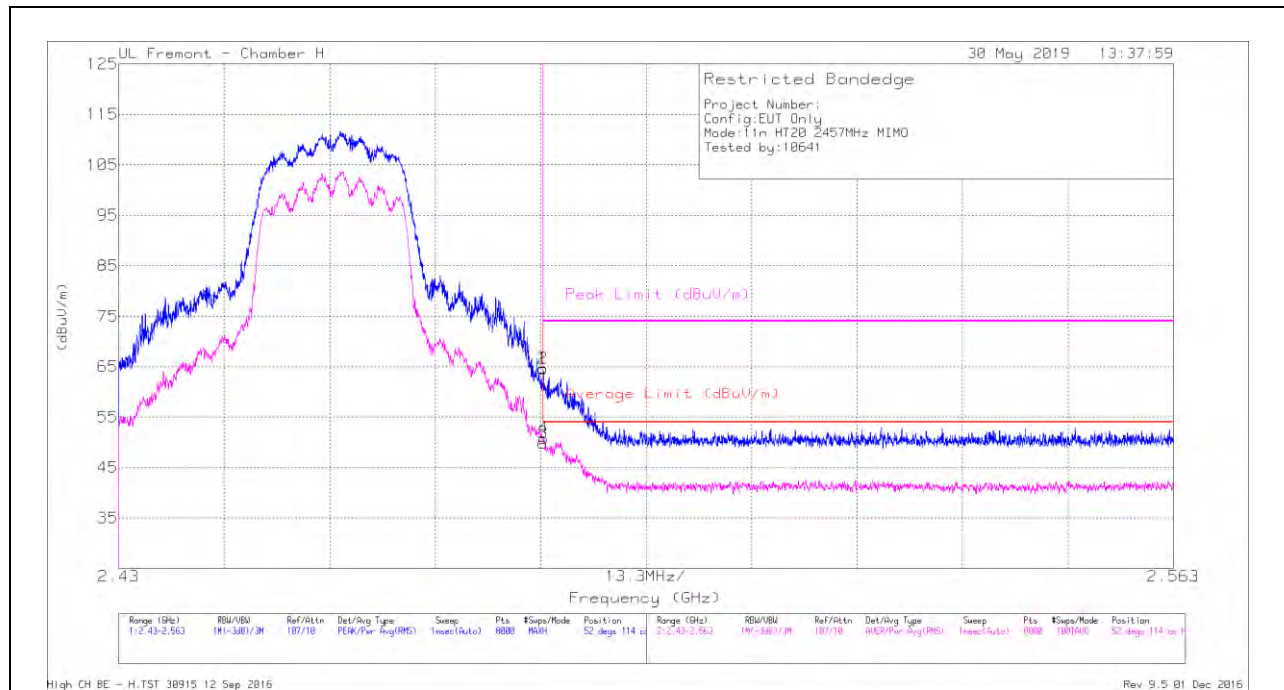
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

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BANDEDGE (HIGH CHANNEL, CH 10)**HORIZONTAL RESULT**

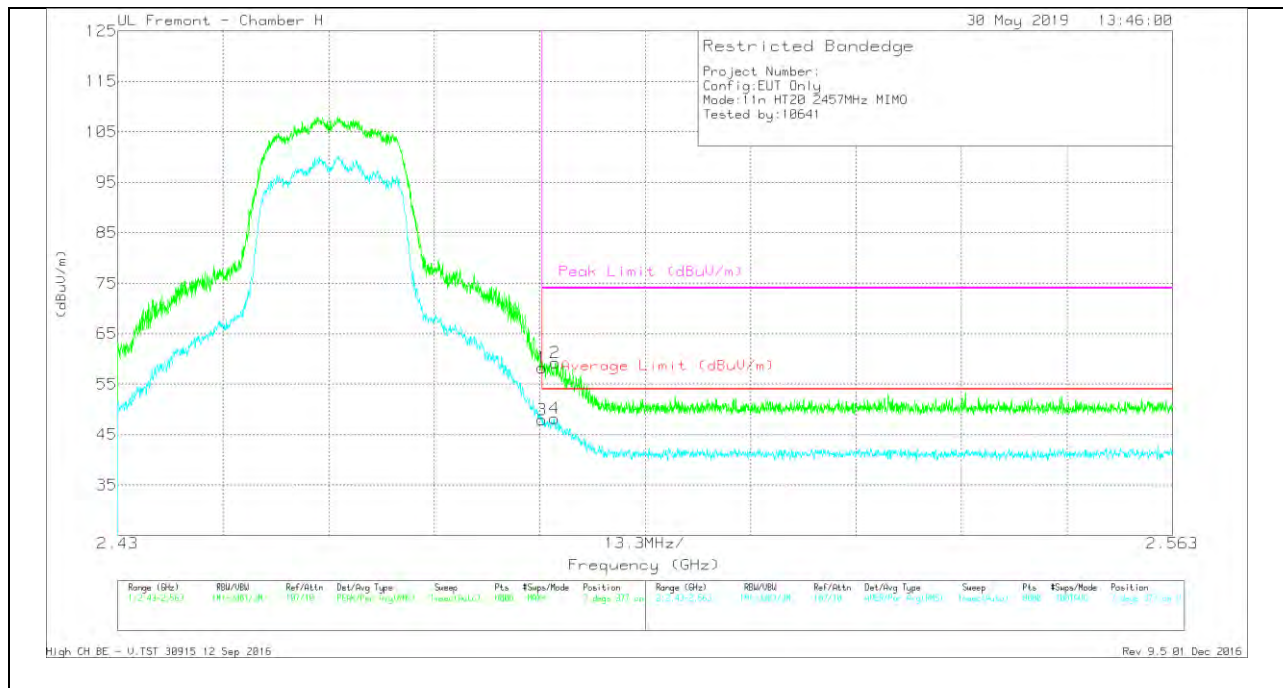
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.58	Pk	32.3	-23.3	64.58	-	-	74	-9.42	52	114	H
2	* 2.484	55.64	Pk	32.3	-23.3	64.64	-	-	74	-9.36	52	114	H
3	* 2.484	40.86	RMS	32.3	-23.3	49.86	54	-4.14	-	-	52	114	H
4	* 2.484	41.81	RMS	32.3	-23.3	50.81	54	-3.19	-	-	52	114	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

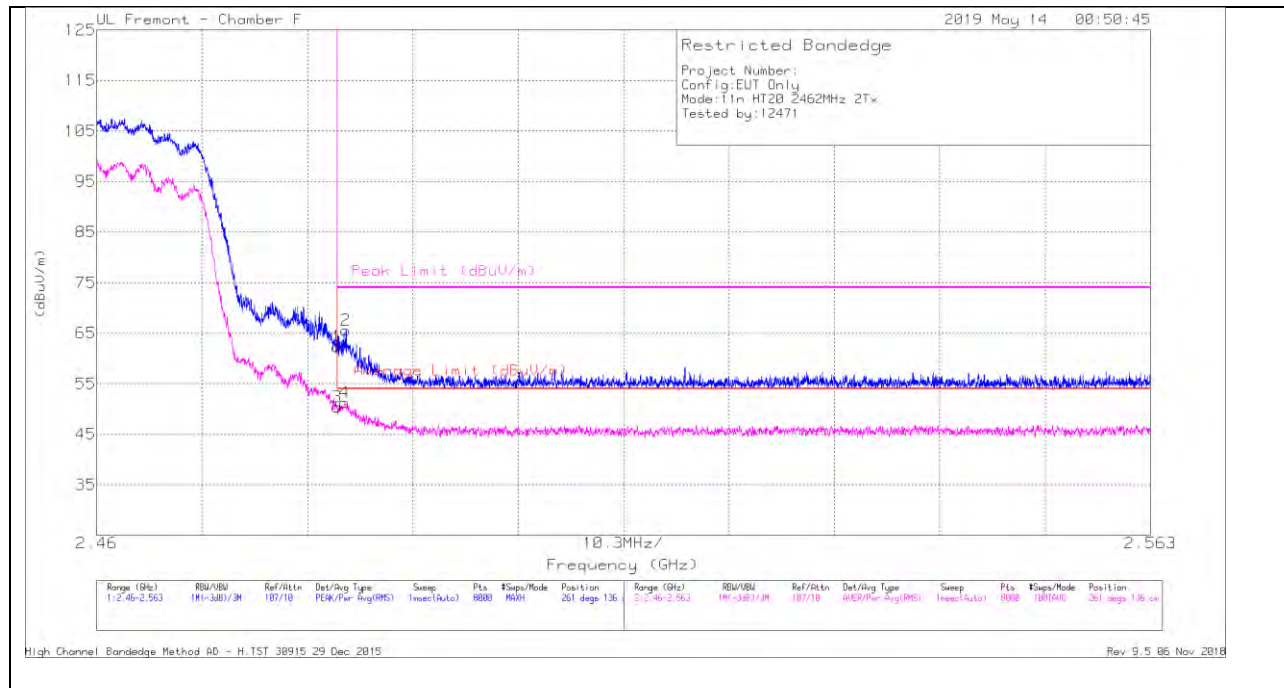


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.25	Pk	32.3	-23.3	58.25	-	-	74	-15.75	7	377	V
2	* 2.485	50.28	Pk	32.3	-23.3	59.28	-	-	74	-14.72	7	377	V
3	* 2.484	38.92	RMS	32.3	-23.3	47.92	54	-6.08	-	-	7	377	V
4	* 2.485	39.22	RMS	32.3	-23.3	48.22	54	-5.78	-	-	7	377	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 T345 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.98	Pk	32.4	-15.1	62.28	-	-	74	-11.72	261	136	H
2	* 2.484	48.25	Pk	32.4	-15.1	65.55	-	-	74	-8.45	261	136	H
3	* 2.484	33.13	RMS	32.4	-15.1	50.43	54	-3.57	-	-	261	136	H
4	* 2.484	33.96	RMS	32.4	-15.1	51.26	54	-2.74	-	-	261	136	H

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

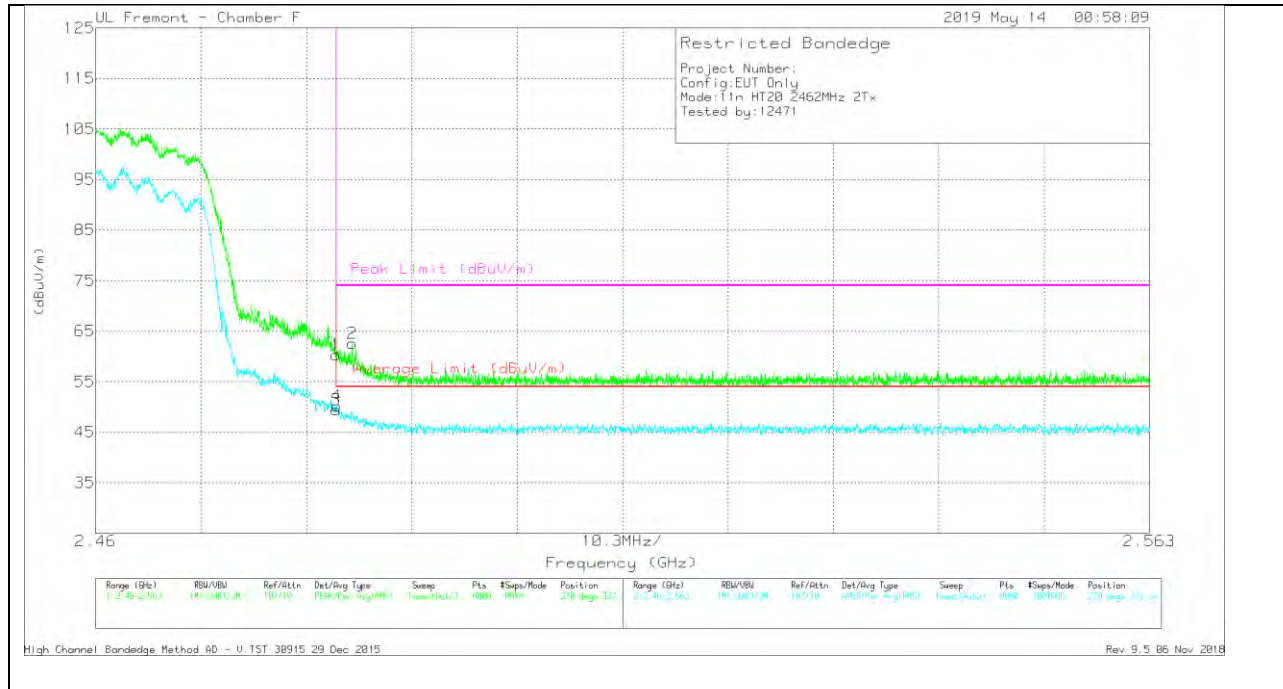
Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /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	43.01	Pk	32.4	-15.1	60.31	-	-	74	-13.69	270	337	V
2	* 2.485	45.26	Pk	32.4	-15.1	62.56	-	-	74	-11.44	270	337	V
3	* 2.484	32.11	RMS	32.4	-15.1	49.41	54	-4.59	-	-	270	337	V
4	* 2.484	32.87	RMS	32.4	-15.1	50.17	54	-3.83	-	-	270	337	V

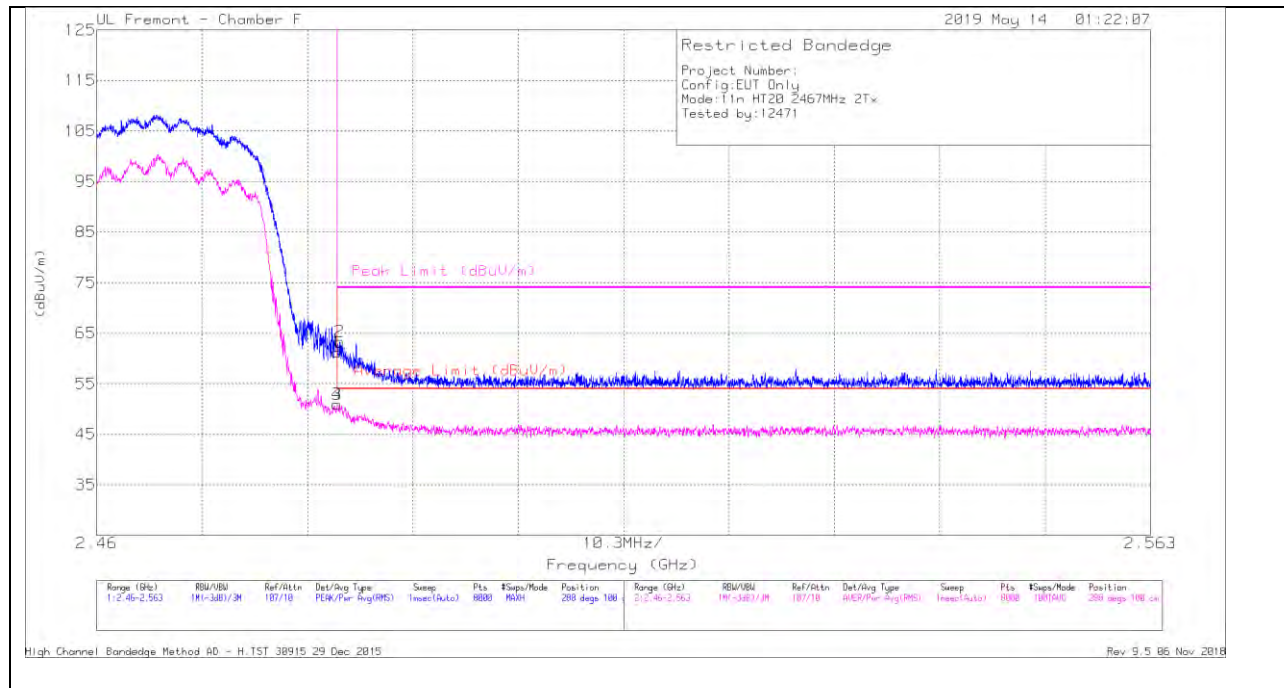
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

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BANDEDGE (HIGH CHANNEL, CH 12)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.91	Pk	32.4	-15.1	61.21	-	-	74	-12.79	288	100	H
2	* 2.484	45.97	Pk	32.4	-15.1	63.27	-	-	74	-10.73	288	100	H
3	* 2.484	33.58	RMS	32.4	-15.1	50.88	54	-3.12	-	-	288	100	H
4	* 2.484	33.64	RMS	32.4	-15.1	50.94	54	-3.06	-	-	288	100	H

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

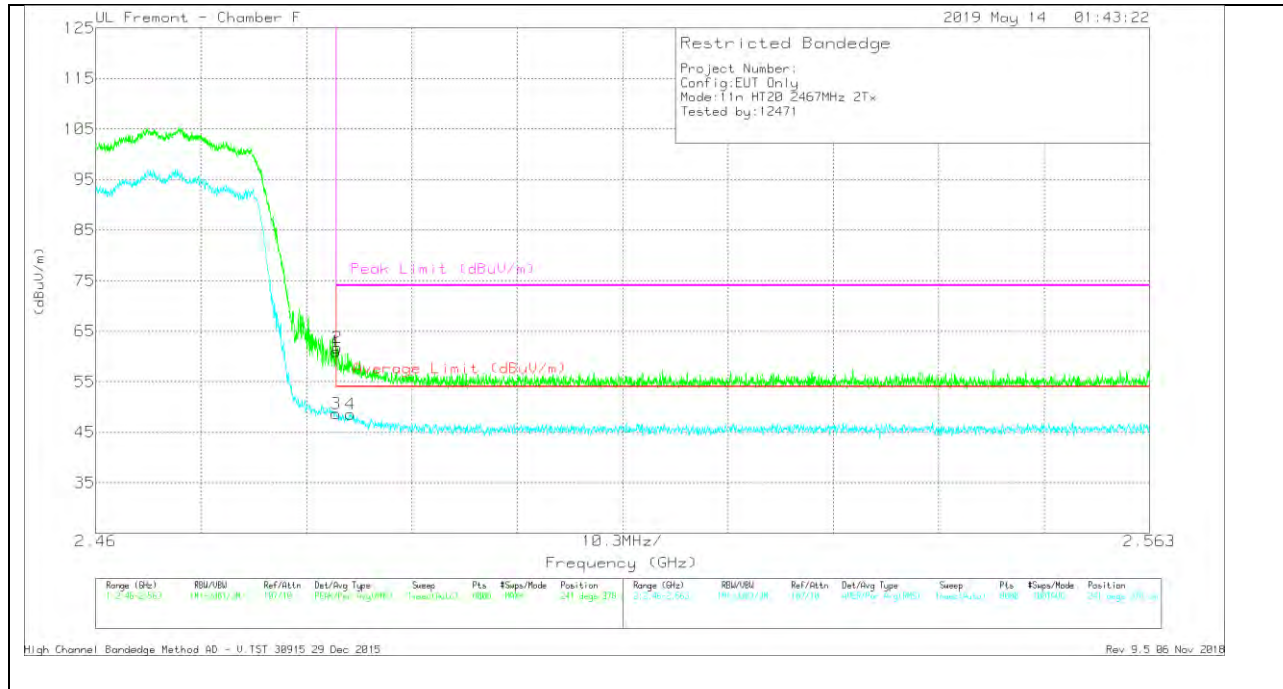
Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /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	43.7	Pk	32.4	-15.1	61	-	-	74	-13	241	378	V
2	* 2.484	44.36	Pk	32.4	-15.1	61.66	-	-	74	-12.34	241	378	V
3	* 2.484	31.36	RMS	32.4	-15.1	48.66	54	-5.34	-	-	241	378	V
4	* 2.485	31.31	RMS	32.4	-15.1	48.61	54	-5.39	-	-	241	378	V

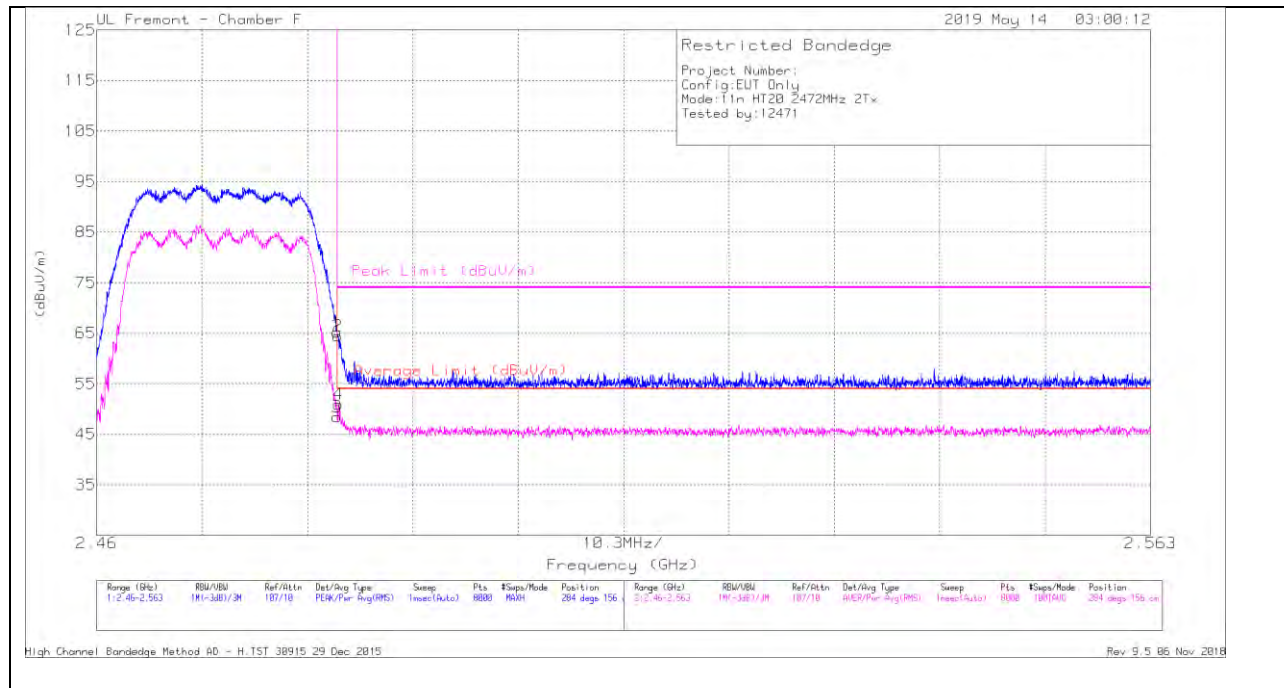
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

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BANDEDGE (HIGH CHANNEL, CH 13)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.93	Pk	32.4	-15.1	65.23	-	-	74	-8.77	284	156	H
2	* 2.484	47.13	Pk	32.4	-15.1	64.43	-	-	74	-9.57	284	156	H
3	* 2.484	31.16	RMS	32.4	-15.1	48.46	54	-5.54	-	-	284	156	H
4	* 2.484	33.63	RMS	32.4	-15.1	50.93	54	-3.07	-	-	284	156	H

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

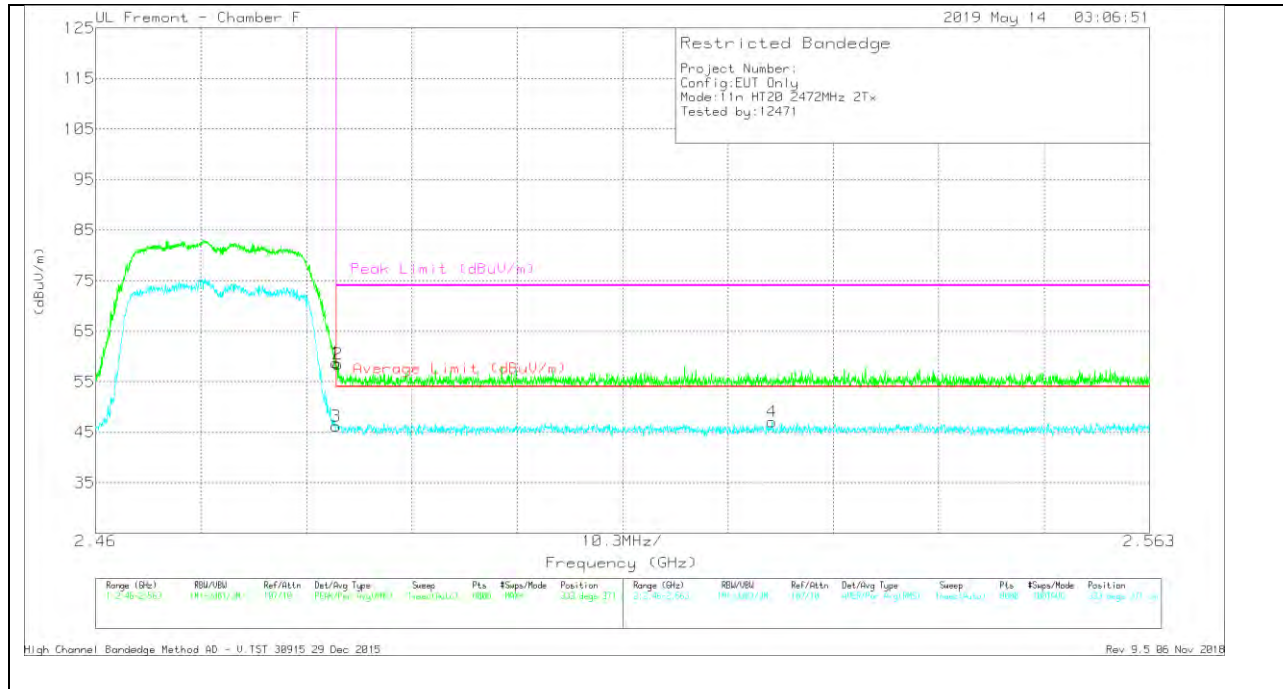
Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /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	41.49	Pk	32.4	-15.1	58.79	-	-	74	-15.21	333	371	V
2	* 2.484	41.14	Pk	32.4	-15.1	58.44	-	-	74	-15.56	333	371	V
3	* 2.484	28.9	RMS	32.4	-15.1	46.2	54	-7.8	-	-	333	371	V
4	2.526	29.63	RMS	32.4	-15	47.03	54	-6.97	-	-	333	371	V

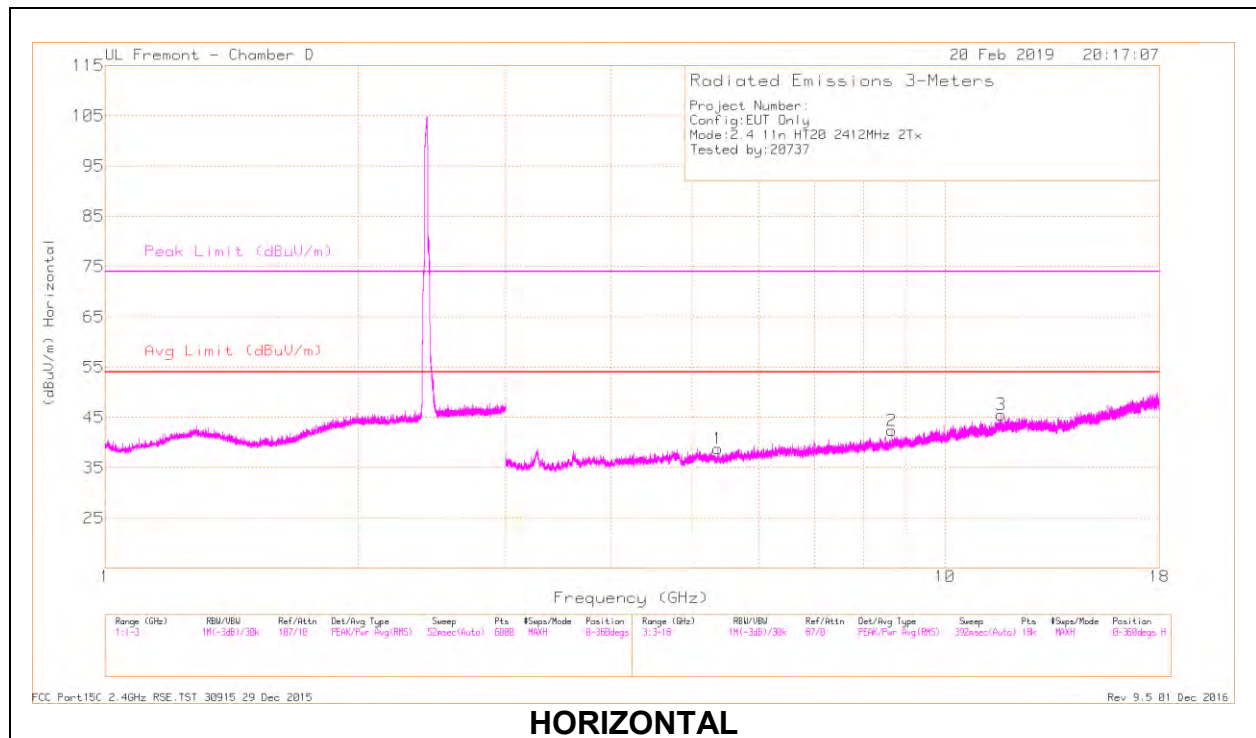
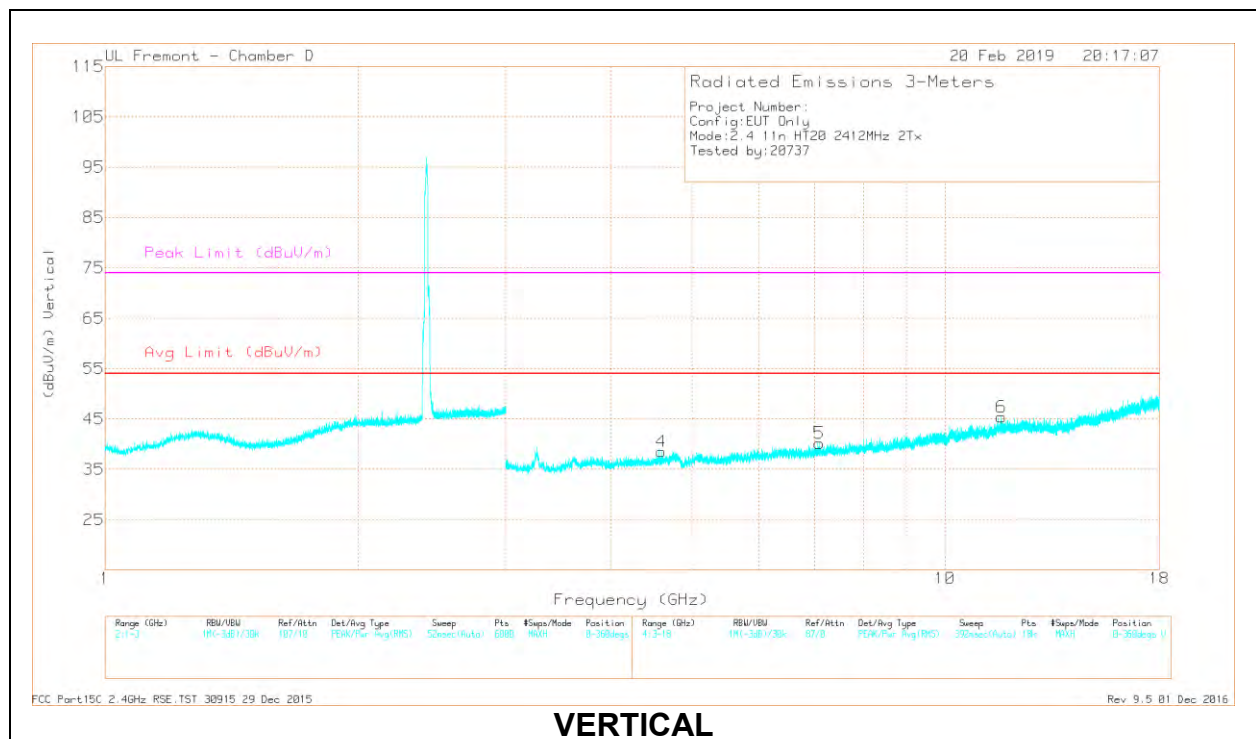
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

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HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL, CH 1 RESULTS****HORIZONTAL****VERTICAL**

RADIATED EMISSIONS

Radiated Emissions

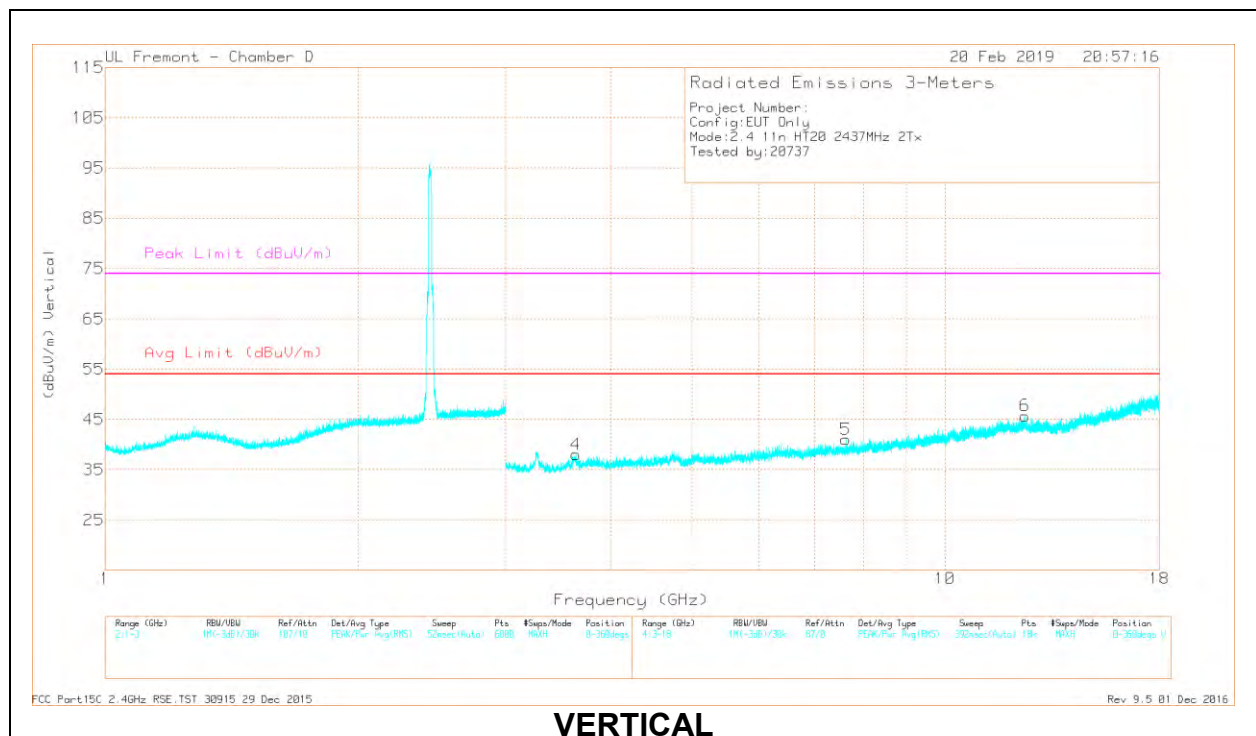
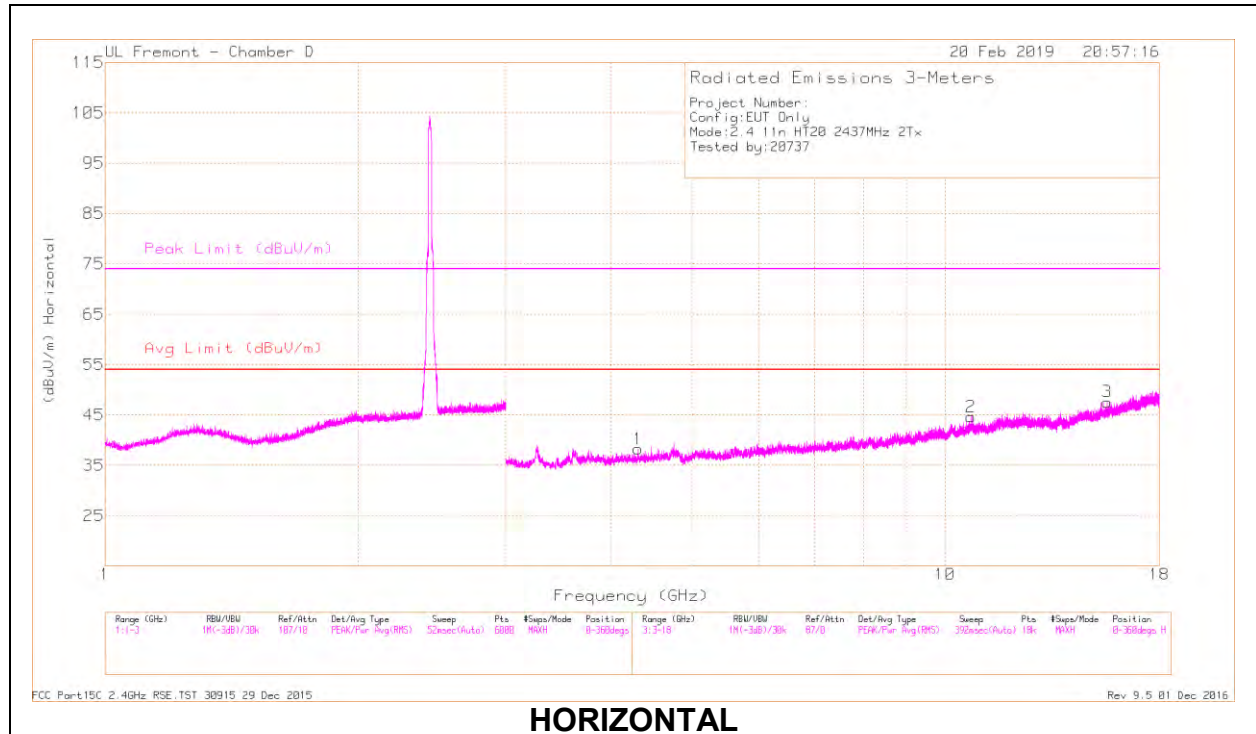
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.368	38.22	PK2	34.6	-27.5	45.32	-	-	74	-28.68	360	382	H
	* 5.37	26.13	MAv1	34.6	-27.5	33.23	54	-20.77	-	-	360	382	H
2	8.645	34.86	PK2	35.9	-22.6	48.16	-	-	-	-	111	118	H
3	* 11.662	35.54	PK2	38.8	-20.8	53.54	-	-	74	-20.46	208	213	H
	* 11.664	21.53	MAv1	38.7	-20.9	39.33	54	-14.67	-	-	208	213	H
4	* 4.599	38.88	PK2	34.4	-28.2	45.08	-	-	74	-28.92	186	201	V
	* 4.6	27.32	MAv1	34.4	-28.1	33.62	54	-20.38	-	-	186	201	V
5	7.086	36.45	PK2	35.6	-25.4	46.65	-	-	-	-	273	261	V
6	* 11.672	34.33	PK2	38.8	-21.3	51.83	-	-	74	-22.17	316	321	V
	* 11.671	21.68	MAv1	38.8	-21.2	39.28	54	-14.72	-	-	316	321	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

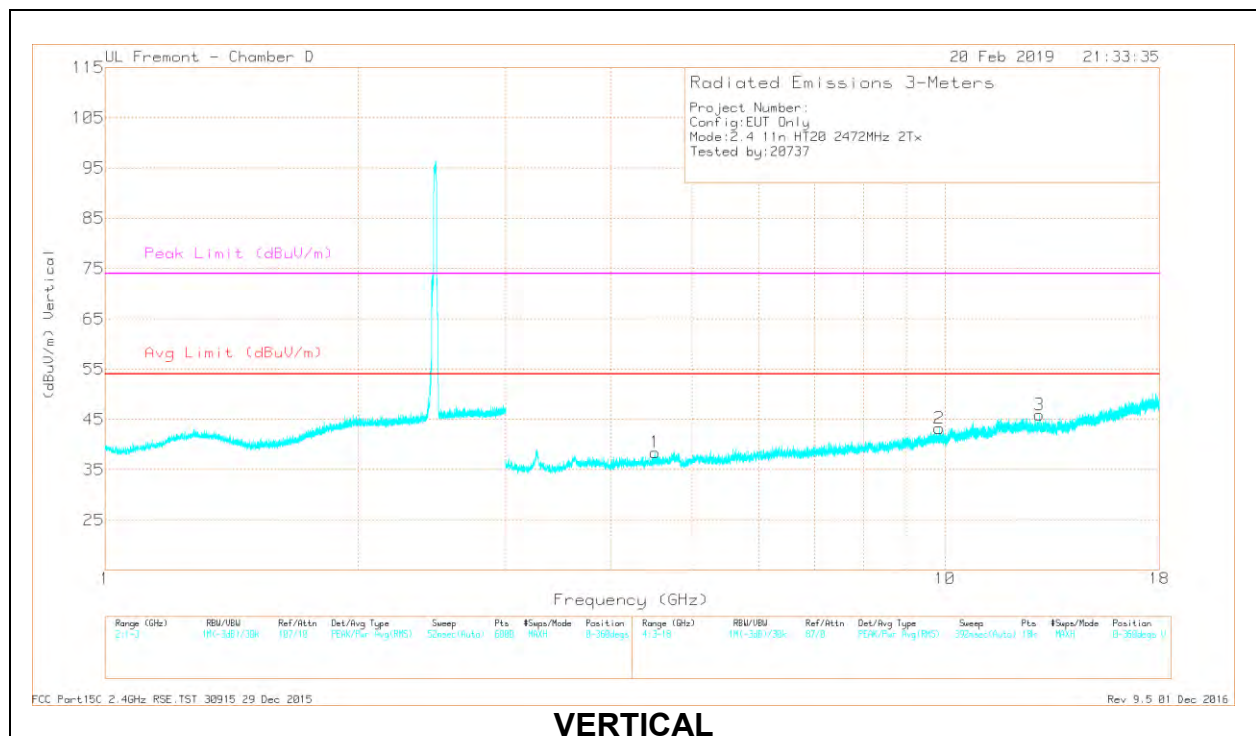
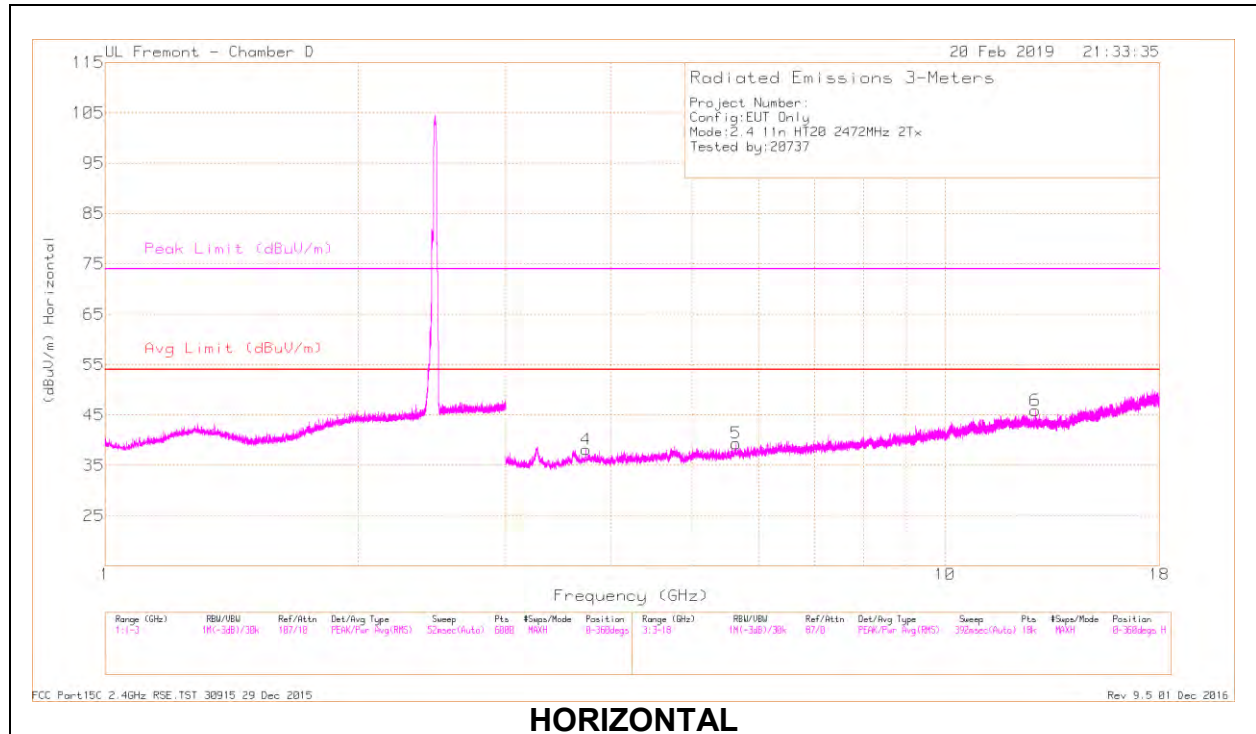
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.313	39.87	PK2	34.1	-28.4	45.57	-	-	74	-28.43	116	123	H
	* 4.313	27.59	MAv1	34.1	-28.4	33.29	54	-20.71	-	-	116	123	H
2	* 10.743	34.1	PK2	38	-21.1	51	-	-	74	-23	322	316	H
	* 10.74	20.98	MAv1	38.1	-21.1	37.98	54	-16.02	-	-	322	316	H
3	* 15.591	35.2	PK2	40.3	-21.8	53.7	-	-	74	-20.3	253	248	H
	* 15.592	22.68	MAv1	40.3	-21.8	41.18	54	-12.82	-	-	253	248	H
4	* 3.637	39.88	PK2	34	-28.7	45.18	-	-	74	-28.82	112	106	V
	* 3.638	27.58	MAv1	34	-28.8	32.78	54	-21.22	-	-	112	106	V
5	* 7.618	37.19	PK2	35.9	-25	48.09	-	-	74	-25.91	222	237	V
	* 7.62	24.38	MAv1	35.9	-25	35.28	54	-18.72	-	-	222	237	V
6	* 12.447	34.88	PK2	39.2	-21.5	52.58	-	-	74	-21.42	311	290	V
	* 12.448	22.17	MAv1	39.2	-21.5	39.87	54	-14.13	-	-	311	290	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	AFT119 (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	* 4.522	38.36	PK2	34.4	-27.7	45.06	-	-	74	-28.94	115	111	V
	* 4.52	27.02	MAv1	34.4	-27.7	33.72	54	-20.28	-	-	115	111	V
2	9.846	34.35	PK2	37	-21.8	49.55	-	-	-	-	178	201	V
3	12.954	34.75	PK2	39.3	-22.2	51.85	-	-	-	-	222	247	V
4	* 3.738	39.19	PK2	33.9	-28.3	44.79	-	-	74	-29.21	137	147	H
	* 3.74	27.59	MAv1	33.9	-28.4	33.09	54	-20.91	-	-	137	147	H
5	5.64	38.14	PK2	34.8	-26.7	46.24	-	-	-	-	357	350	H
	5.641	25.92	MAv1	34.8	-26.7	34.02	-	-	-	-	357	350	H
6	12.811	34.78	PK2	39.2	-22.2	51.78	-	-	-	-	277	251	H

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

PK2 - KDB558074 Method: Maximum Peak

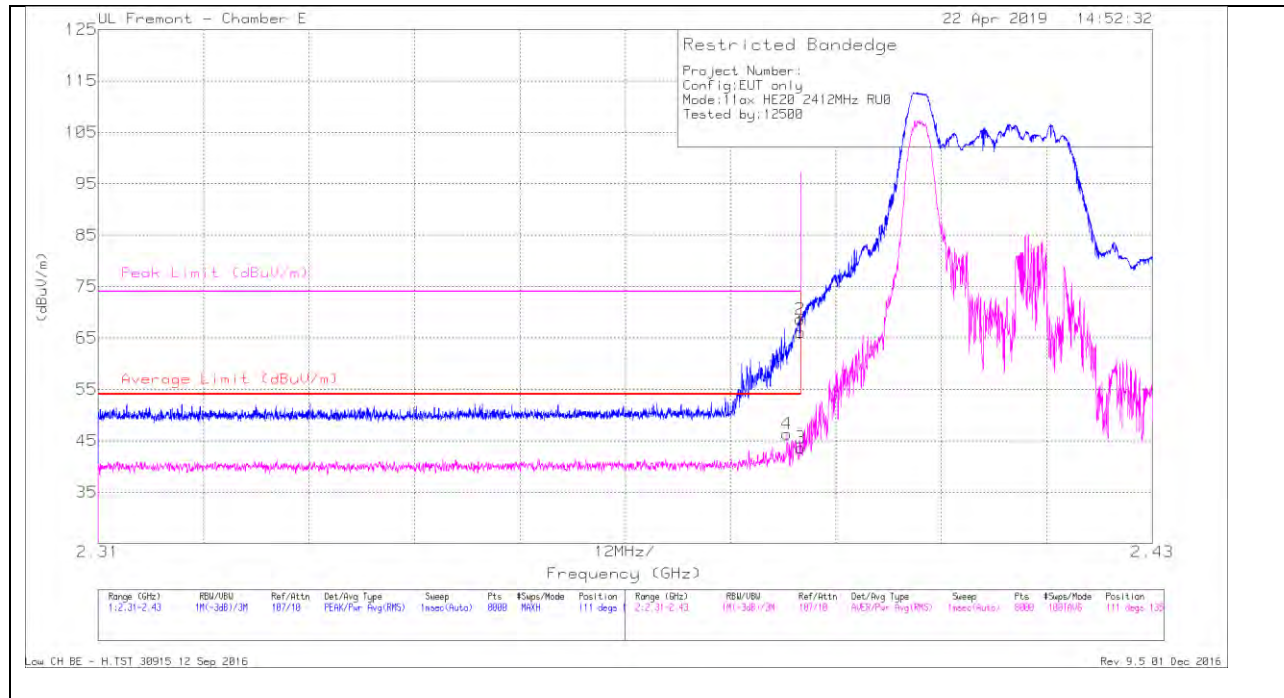
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

Antenna 2 LEGACY SISO MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



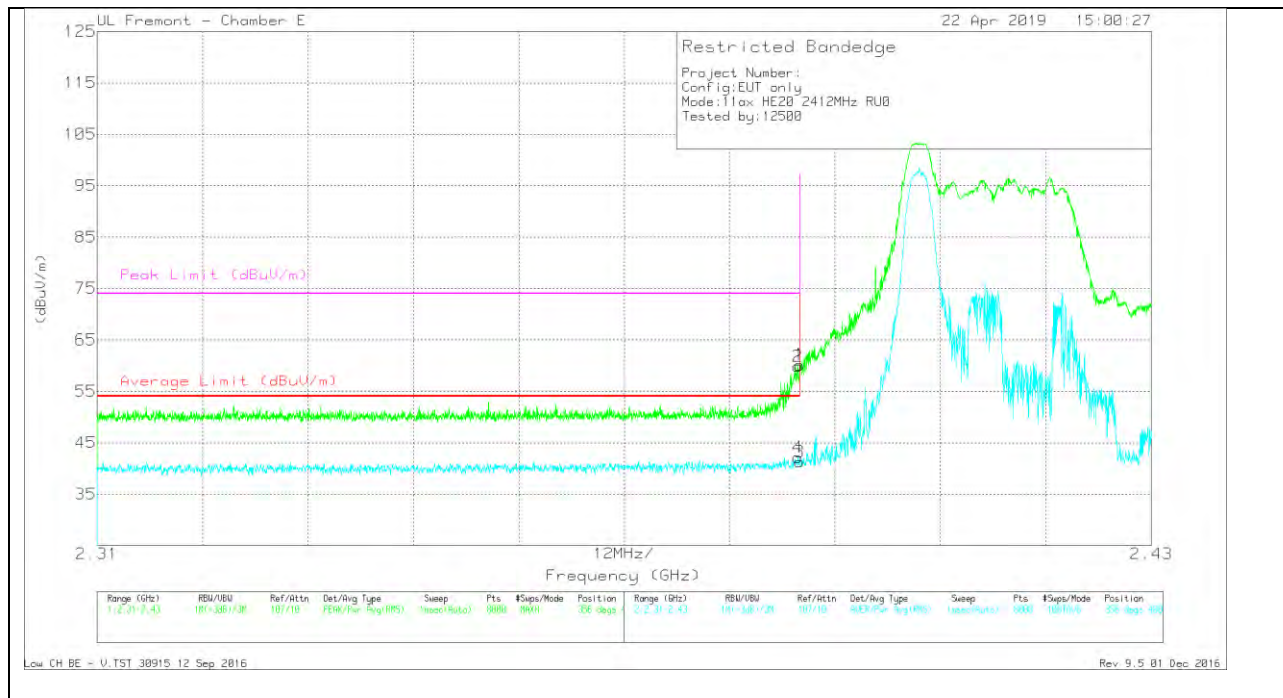
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.01	Pk	32.3	-26.2	66.11	-	-	74	-7.89	111	135	H
2	* 2.39	62.52	Pk	32.3	-26.2	68.62	-	-	74	-5.38	111	135	H
3	* 2.39	37.53	RMS	32.3	-26.2	43.63	54	-10.37	-	-	111	135	H
4	* 2.388	40.23	RMS	32.3	-26.2	46.33	54	-7.67	-	-	111	135	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

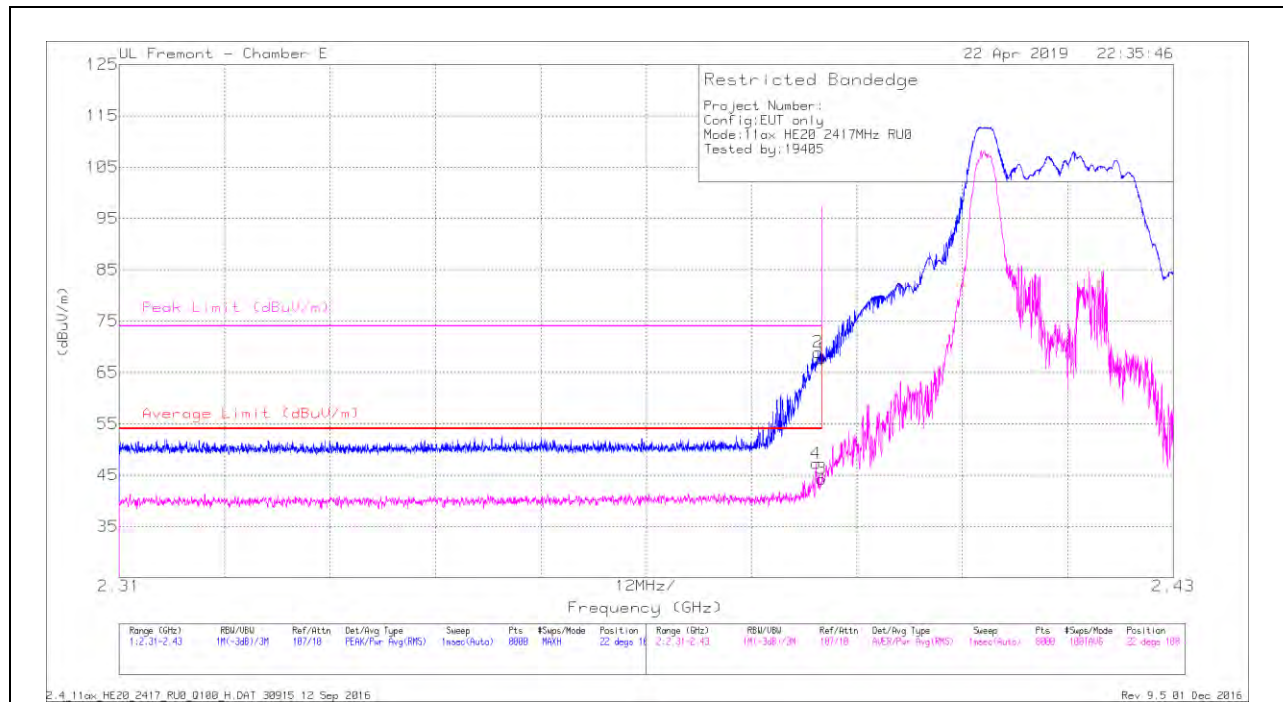


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.06	Pk	32.3	-26.2	60.16	-	-	74	-13.84	356	400	V
2	* 2.39	53.75	Pk	32.3	-26.2	59.85	-	-	74	-14.15	356	400	V
3	* 2.39	35.18	RMS	32.3	-26.2	41.28	54	-12.72	-	-	356	400	V
4	* 2.39	36.01	RMS	32.3	-26.2	42.11	54	-11.89	-	-	356	400	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

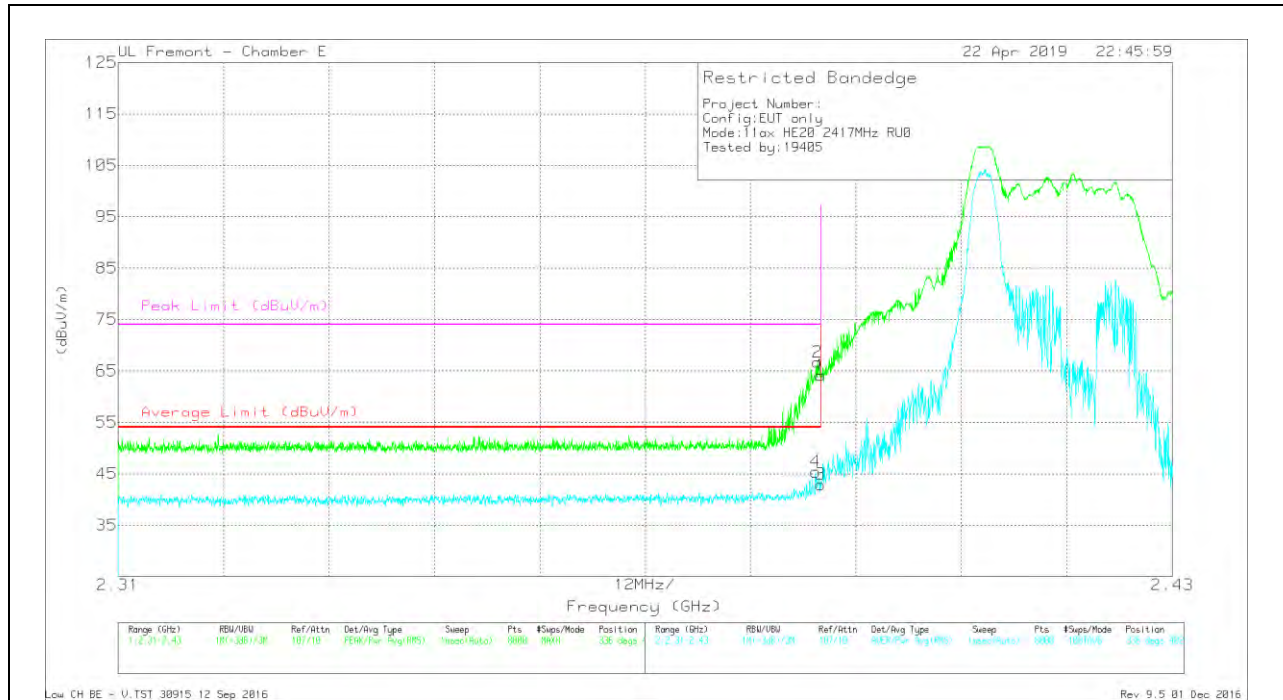
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	61.59	Pk	32.3	-26.2	67.69	-	-	74	-6.31	22	108	H
2	* 2.39	62.86	Pk	32.3	-26.2	68.96	-	-	74	-5.04	22	108	H
3	* 2.39	38.18	RMS	32.3	-26.2	44.28	54	-9.72	-	-	22	108	H
4	* 2.389	41.18	RMS	32.3	-26.2	47.28	54	-6.72	-	-	22	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 T119 (dB/m)	Amp/Cb/Filt/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	* 2.39	58	Pk	32.3	-26.2	64.1	-	-	74	-9.9	336	402	V
2	* 2.39	60.61	Pk	32.3	-26.2	66.71	-	-	74	-7.29	336	402	V
3	* 2.39	36.83	RMS	32.3	-26.2	42.93	54	-11.07	-	-	336	402	V
4	* 2.389	39.3	RMS	32.3	-26.2	45.4	54	-8.6	-	-	336	402	V

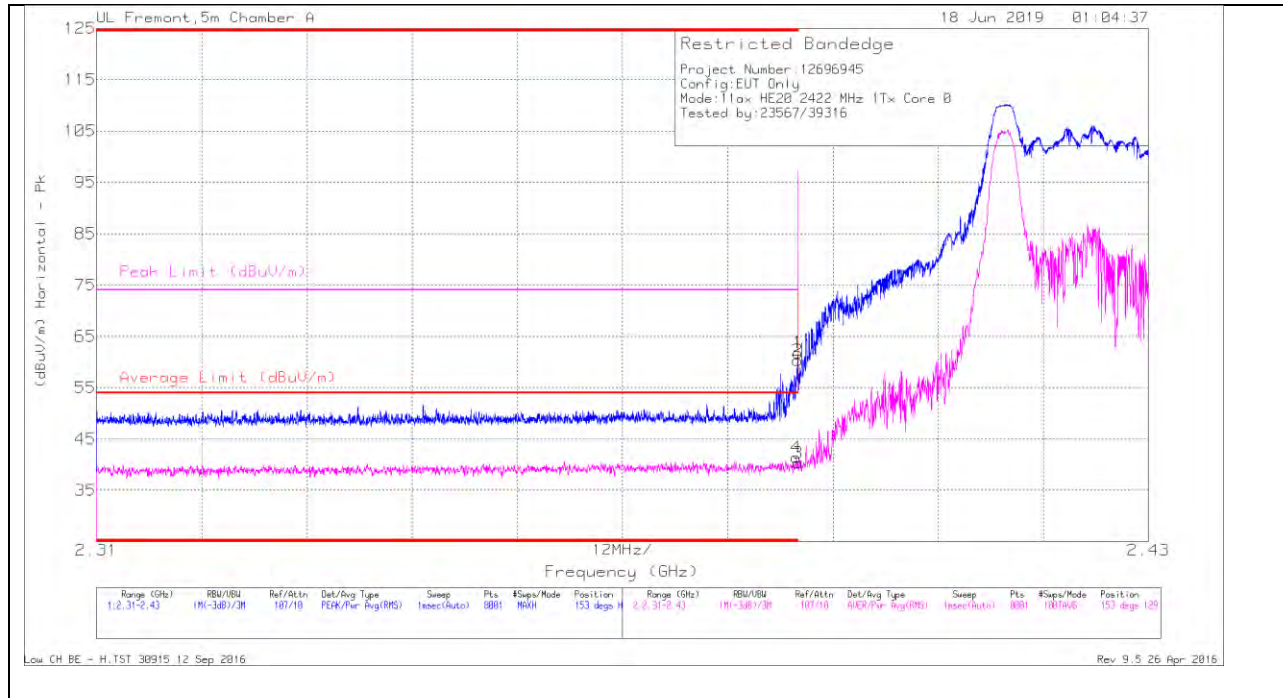
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filr/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	52.62	Pk	32.2	-23	61.82	-	-	74	-12.18	153	129	H
2	* 2.39	51.1	Pk	32.2	-23	60.3	-	-	74	-13.7	153	129	H
3	* 2.39	31.14	RMS	32.2	-23	40.34	54	-13.66	-	-	153	129	H
4	* 2.39	32.22	RMS	32.2	-23	41.42	54	-12.58	-	-	153	129	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont, 5m Chamber A

18 Jun 2019 01:16:23

Restricted Bandedge

Project Number: 12696945
 Config: EUT Only
 Mode: ITax HE20 2422 MHz ITx Core B
 Tested by: 23567/39316

(dBuV/m) Horizontal - Pk

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

Frequency (GHz)

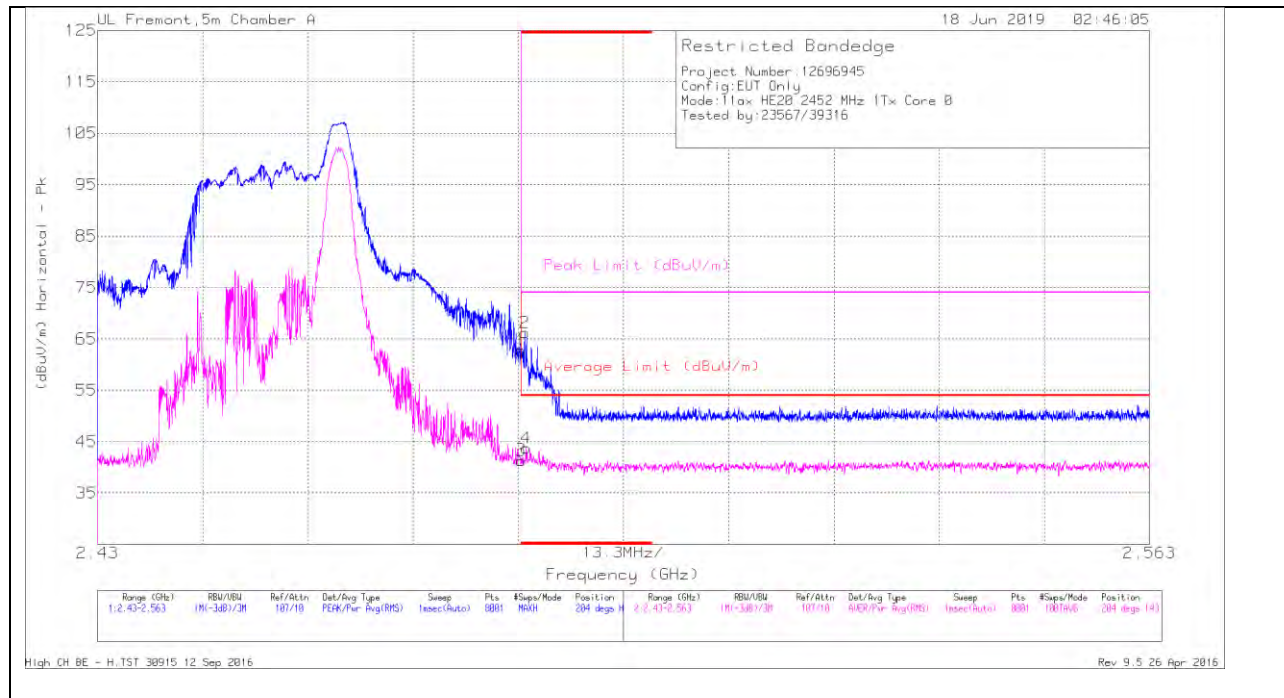
Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sps/Mode	Position	Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sps/Mode	Position
1.8-31-2.43	100-300/10	107/10	PKA/Pwr Avg(RMS)	Trace(Auto)	8001	1600	123 degs 11	2.31-2.43	100-300/30	107/10	PKA/Pwr Avg(RMS)	Trace(Info)	8001	1600	123 degs 00

Low CH BE - U.TST 30915 12 Sep 2016

Rev 9.5 26 Apr 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CbU/Fttr/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
4	* 2.376	31.39	RMS	32.2	-22.9	40.69	54	-13.31	-	-	123	200	V
2	* 2.389	53.04	Pk	32.2	-23	62.24	-	-	74	-11.76	123	200	V
1	* 2.39	50.65	Pk	32.2	-23	59.85	-	-	74	-14.15	123	200	V
3	* 2.39	30.53	RMS	32.2	-23	39.73	54	-14.27	-	-	123	200	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)**HORIZONTAL RESULT**

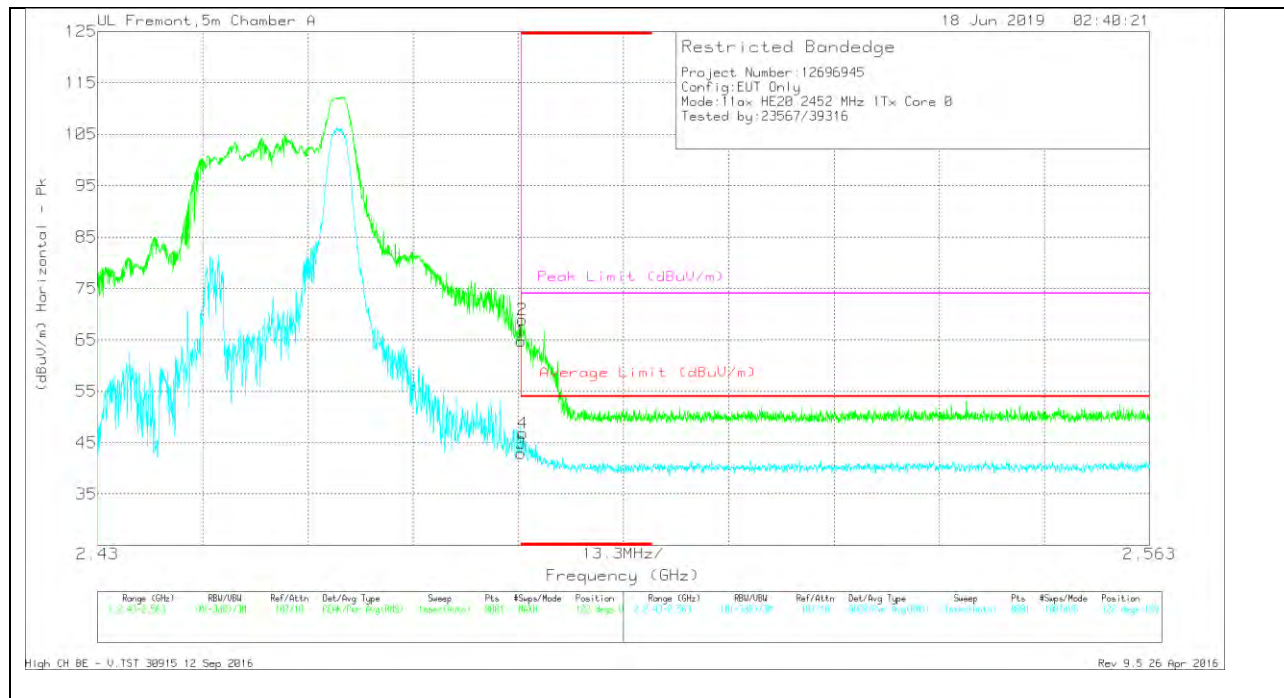
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.9	Pk	32.6	-22.7	62.8	-	-	74	-11.2	204	143	H
2	* 2.484	56.27	Pk	32.6	-22.7	66.17	-	-	74	-7.83	204	143	H
3	* 2.484	31.44	RMS	32.6	-22.7	41.34	54	-12.66	-	-	204	143	H
4	* 2.484	33.84	RMS	32.6	-22.7	43.74	54	-10.26	-	-	204	143	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

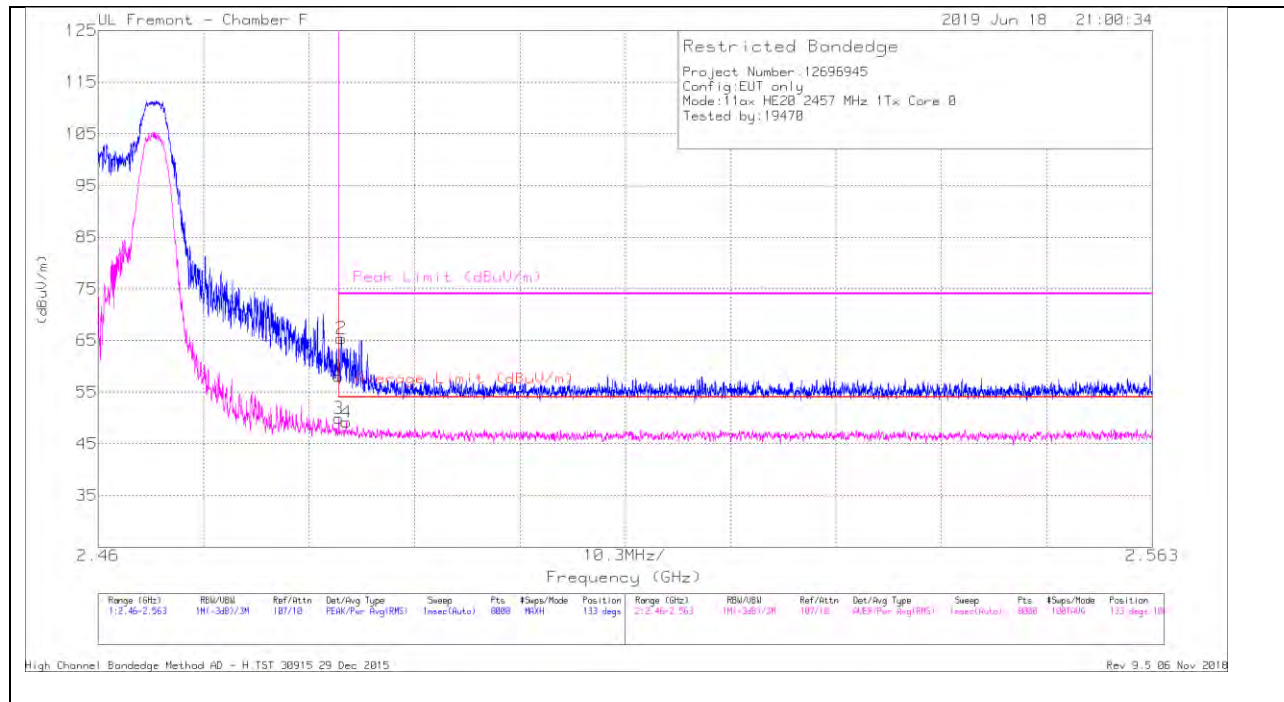


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.8	Pk	32.6	-22.7	64.7	-	-	74	-9.3	122	189	V
2	* 2.484	59.01	Pk	32.6	-22.7	68.91	-	-	74	-5.09	122	189	V
3	* 2.484	32.97	RMS	32.6	-22.7	42.87	54	-11.13	-	-	122	189	V
4	* 2.484	36.92	RMS	32.6	-22.7	46.82	54	-7.18	-	-	122	189	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)**HORIZONTAL RESULT**

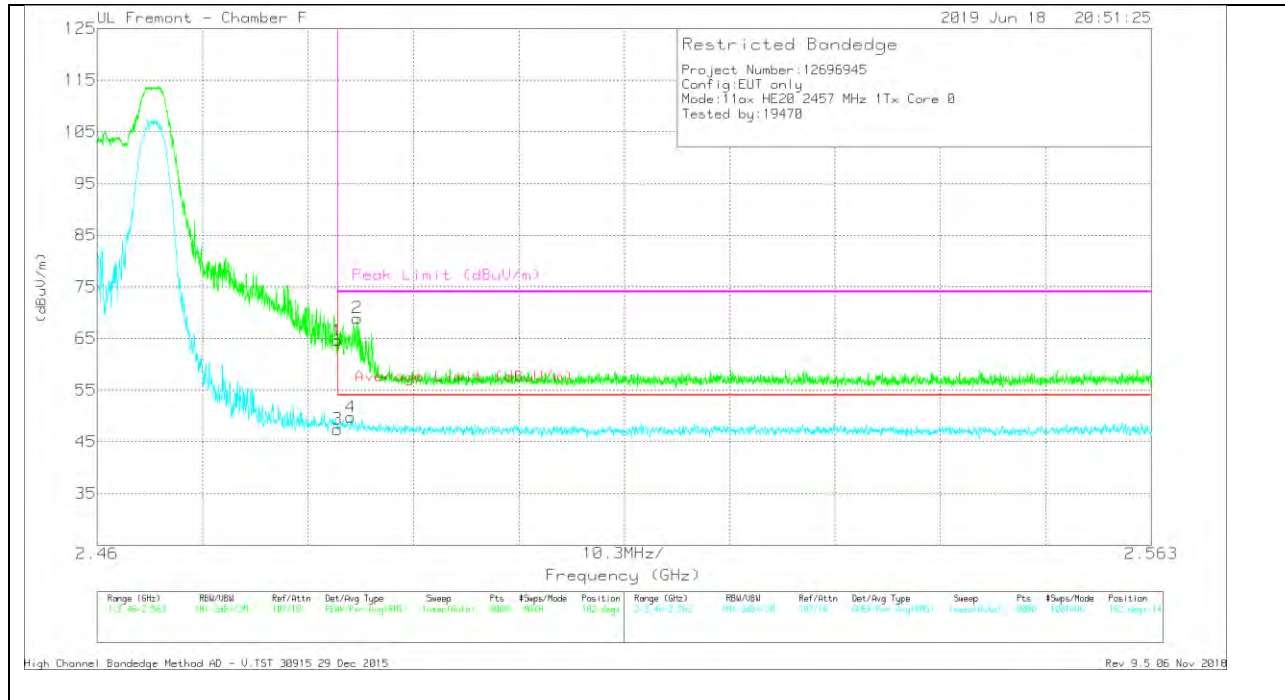
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.41	Pk	32.4	-14.7	58.11	-	-	74	-15.89	133	100	H
2	* 2.484	47.7	Pk	32.4	-14.7	65.4	-	-	74	-8.6	133	100	H
3	* 2.484	32.22	RMS	32.4	-14.7	49.92	54	-4.08	-	-	133	100	H
4	* 2.484	31.46	RMS	32.4	-14.7	49.16	54	-4.84	-	-	133	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

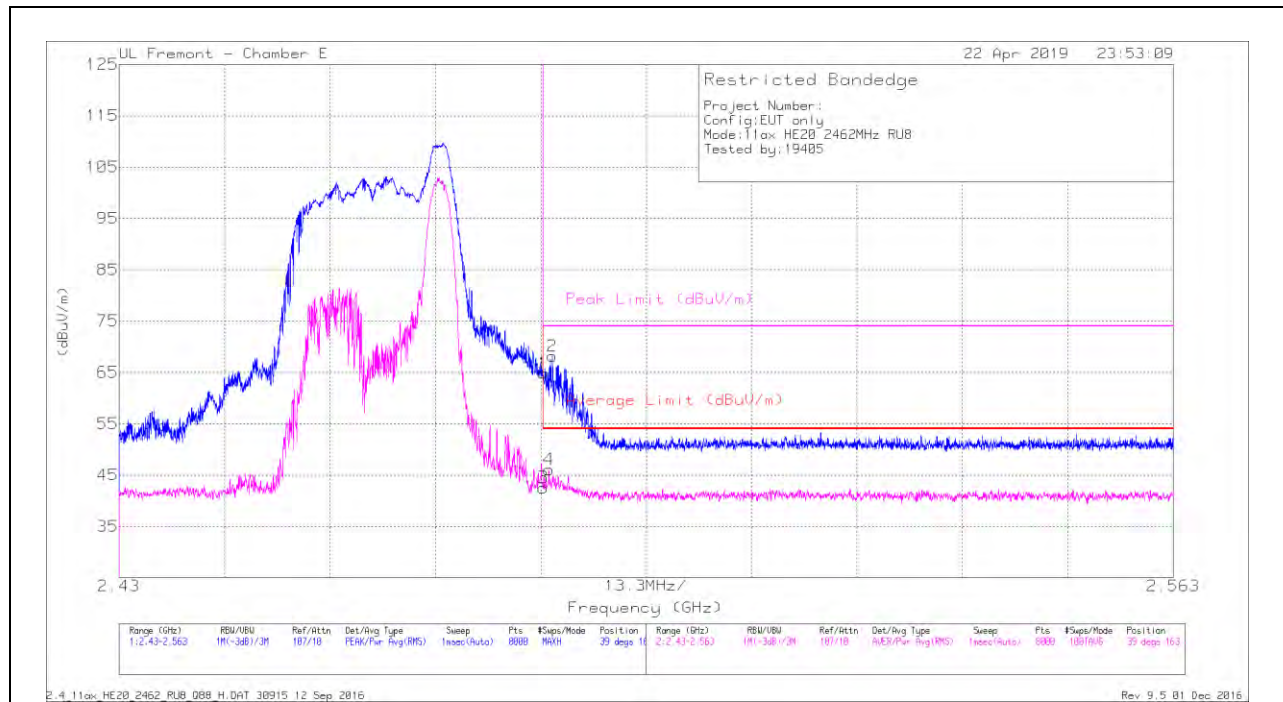


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.93	Pk	32.4	-14.7	64.63	-	-	74	-9.37	182	141	V
2	* 2.485	51.15	Pk	32.4	-14.6	68.95	-	-	74	-5.05	182	141	V
3	* 2.484	29.74	RMS	32.4	-14.7	47.44	54	-6.56	-	-	182	141	V
4	* 2.485	31.96	RMS	32.4	-14.6	49.76	54	-4.24	-	-	182	141	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)**HORIZONTAL RESULT**

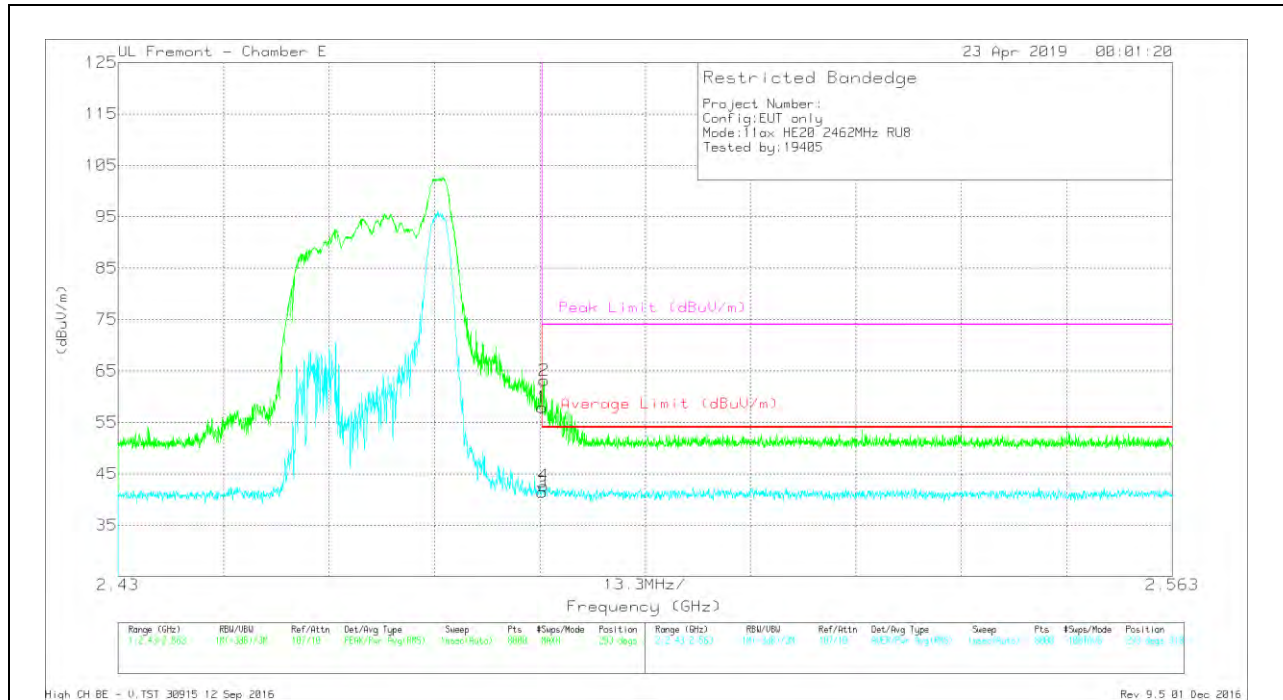
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.35	Pk	32.8	-26.3	64.85	-	-	74	-9.15	39	163	H
2	* 2.485	61.63	Pk	32.8	-26.3	68.13	-	-	74	-5.87	39	163	H
3	* 2.484	36.05	RMS	32.8	-26.3	42.55	54	-11.45	-	-	39	163	H
4	* 2.484	39.58	RMS	32.8	-26.3	46.08	54	-7.92	-	-	39	163	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	AFT119 (dB/m)	Amp/Cb/Filt/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	51.41	Pk	32.8	-26.3	57.91	-	-	74	-16.09	293	318	V
2	* 2.484	56.65	Pk	32.8	-26.3	63.15	-	-	74	-10.85	293	318	V
3	* 2.484	34.89	RMS	32.8	-26.3	41.39	54	-12.61	-	-	293	318	V
4	* 2.484	36.18	RMS	32.8	-26.3	42.68	54	-11.32	-	-	293	318	V

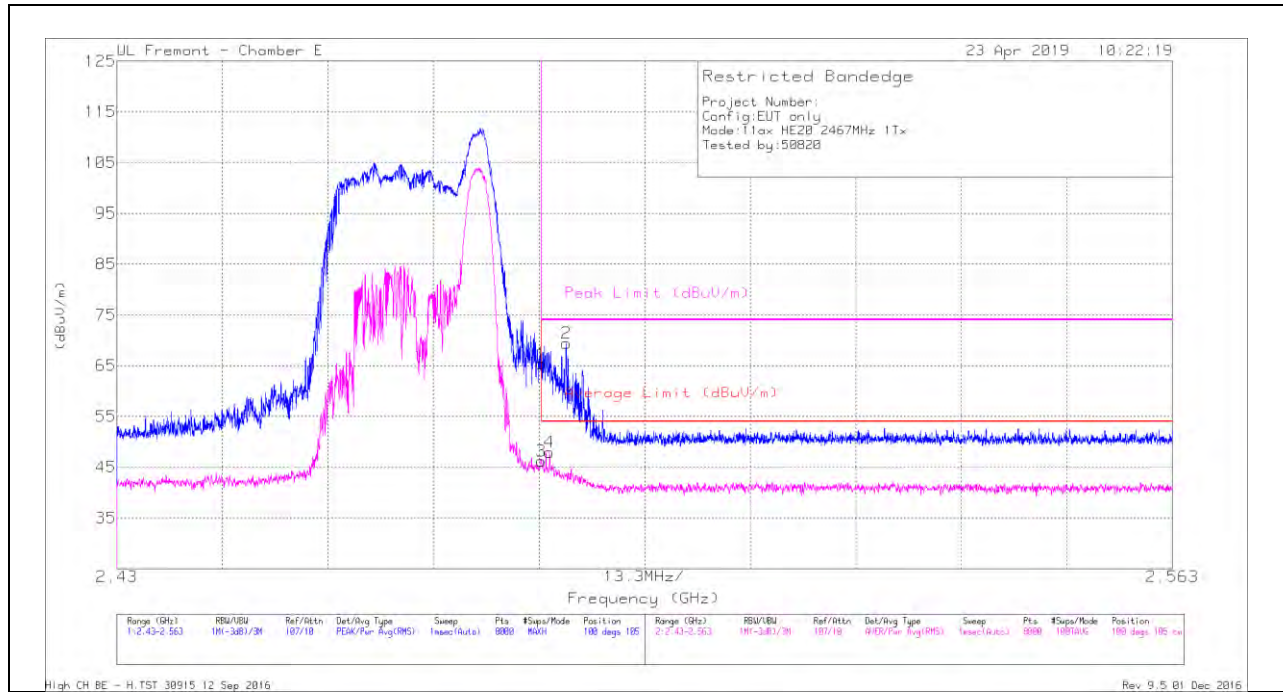
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



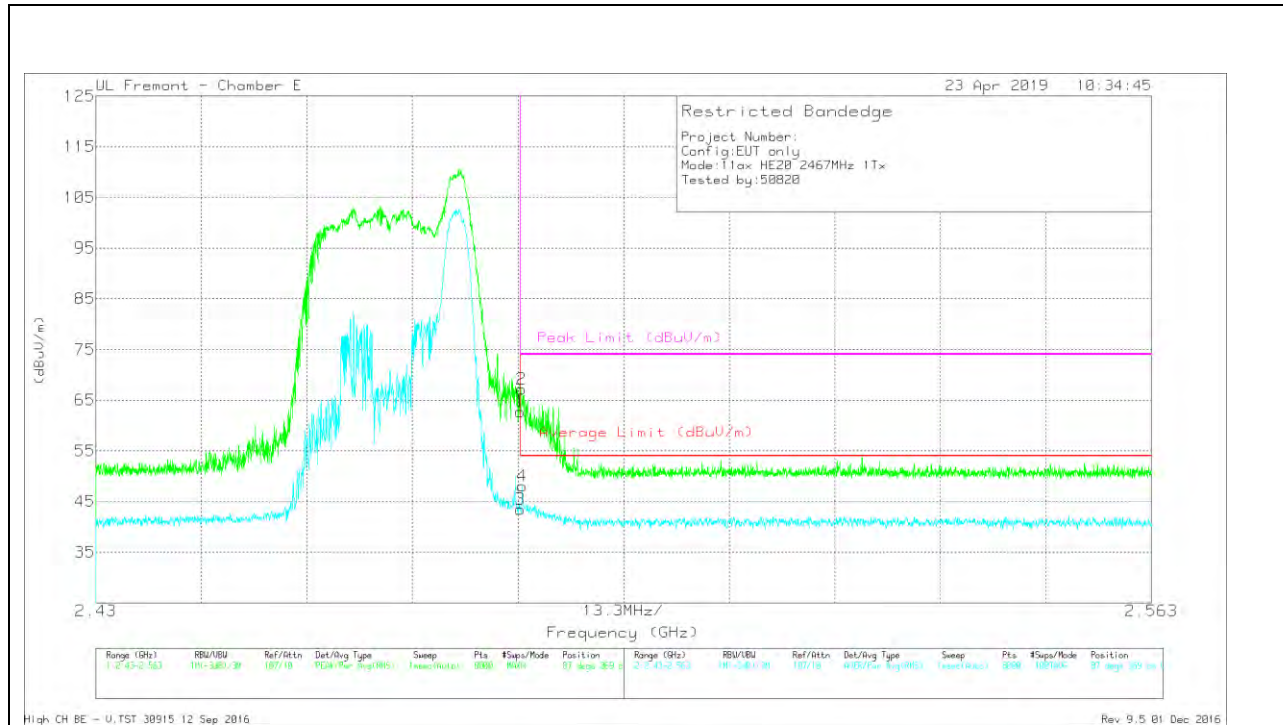
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.88	Pk	32.8	-26.3	65.38	-	-	74	-8.62	100	105	H
2	* 2.487	62.9	Pk	32.8	-26.3	69.4	-	-	74	-4.6	100	105	H
3	* 2.484	39.64	RMS	32.8	-26.3	46.14	54	-7.86	-	-	100	105	H
4	* 2.485	41.45	RMS	32.8	-26.3	47.95	54	-6.05	-	-	100	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 T119 (dB/m)	Amp/Cb/Fltr/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	56.25	Pk	32.8	-26.3	62.75	-	-	74	-11.25	87	369	V
2	* 2.484	60.63	Pk	32.8	-26.3	67.13	-	-	74	-6.87	87	369	V
3	* 2.484	36.93	RMS	32.8	-26.3	43.43	54	-10.57	-	-	87	369	V
4	* 2.484	41.56	RMS	32.8	-26.3	48.06	54	-5.94	-	-	87	369	V

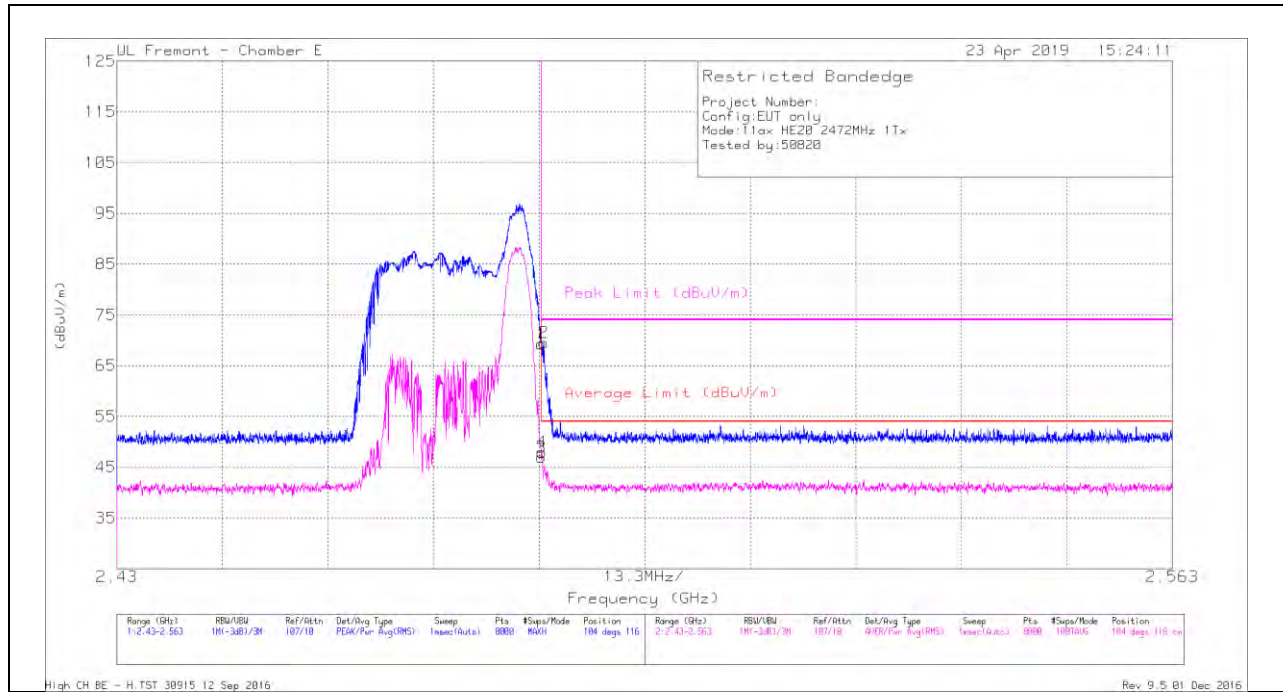
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



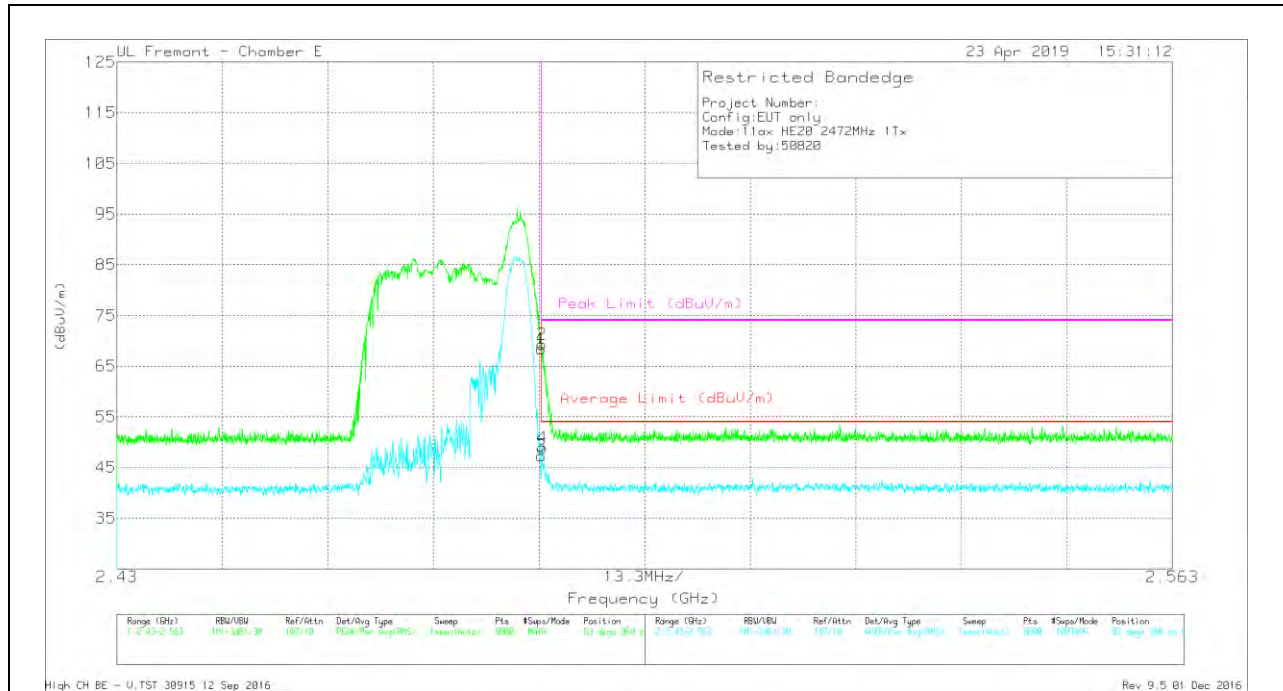
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	62.83	Pk	32.8	-26.3	69.33	-	-	74	-4.67	104	116	H
2	* 2.484	63.08	Pk	32.8	-26.3	69.58	-	-	74	-4.42	104	116	H
3	* 2.484	40.49	RMS	32.8	-26.3	46.99	54	-7.01	-	-	104	116	H
4	* 2.484	41.41	RMS	32.8	-26.3	47.91	54	-6.09	-	-	104	116	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

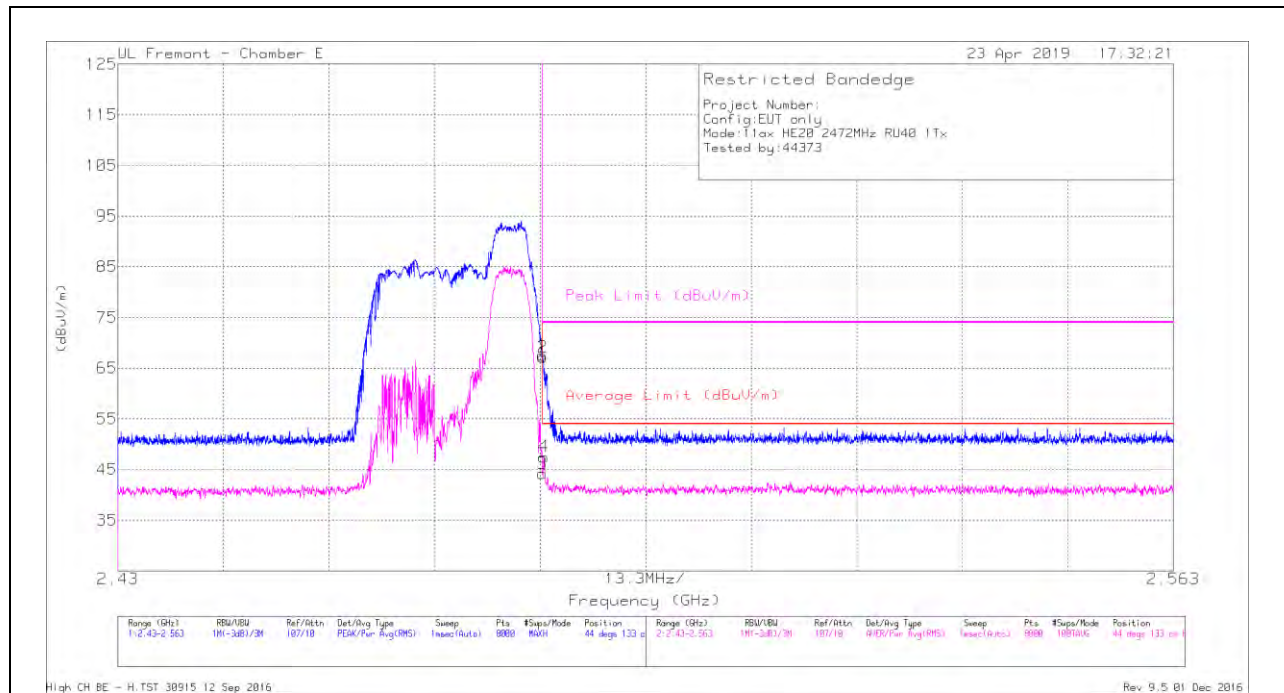


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	61.91	Pk	32.8	-26.3	68.41	-	-	74	-5.59	83	368	V
2	* 2.484	62.74	Pk	32.8	-26.3	69.24	-	-	74	-4.76	83	368	V
3	* 2.484	40.8	RMS	32.8	-26.3	47.3	54	-6.7	-	-	83	368	V
4	* 2.484	42.45	RMS	32.8	-26.3	48.95	54	-5.05	-	-	83	368	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)**HORIZONTAL RESULT**

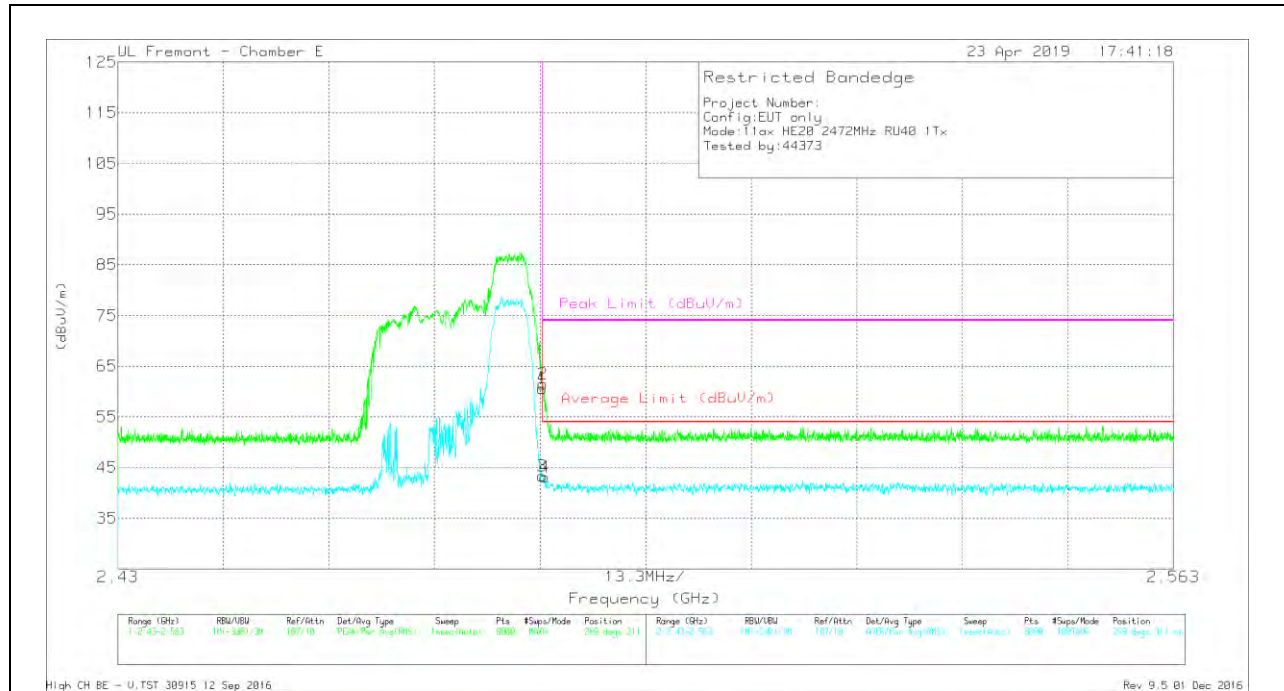
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	61.11	Pk	32.8	-26.3	67.61	-	-	74	-6.39	44	133	H
2	* 2.484	60.69	Pk	32.8	-26.3	67.19	-	-	74	-6.81	44	133	H
3	* 2.484	37.72	RMS	32.8	-26.3	44.22	54	-9.78	-	-	44	133	H
4	* 2.484	41	RMS	32.8	-26.3	47.5	54	-6.5	-	-	44	133	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

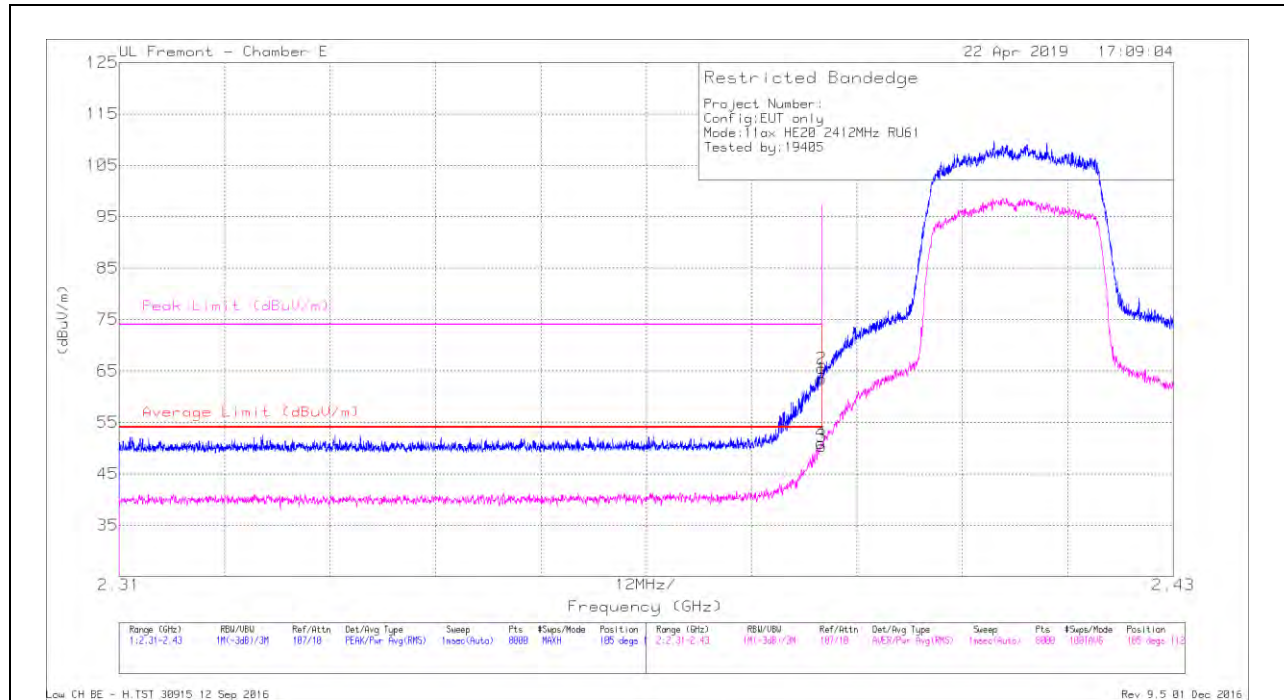


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.16	Pk	32.8	-26.3	60.66	-	-	74	-13.34	269	311	V
2	* 2.484	54.94	Pk	32.8	-26.3	61.44	-	-	74	-12.56	269	311	V
3	* 2.484	36.84	RMS	32.8	-26.3	43.34	54	-10.66	-	-	269	311	V
4	* 2.484	36.55	RMS	32.8	-26.3	43.05	54	-10.95	-	-	269	311	V

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

Pk - Peak detector

RMS - RMS detection

Antenna 2 LEGACY SISO MODE: 242-Tones, RU Index 61**BANDEDGE (LOW CHANNEL, CH 1)****HORIZONTAL RESULT**

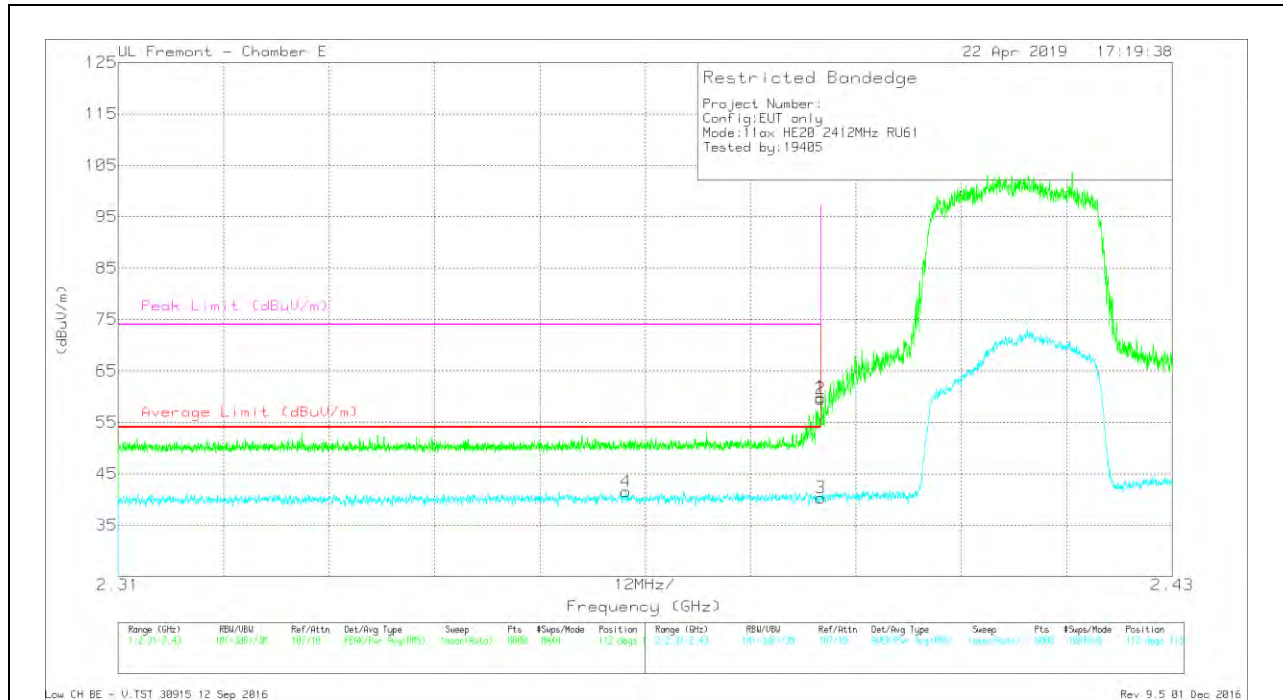
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	57.4	Pk	32.3	-26.2	63.5	-	-	74	-10.5	105	112	H
2	* 2.39	59.38	Pk	32.3	-26.2	65.48	-	-	74	-8.52	105	112	H
3	* 2.39	44.27	RMS	32.3	-26.2	50.37	54	-3.63	-	-	105	112	H
4	* 2.39	44.89	RMS	32.3	-26.2	50.99	54	-3.01	-	-	105	112	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

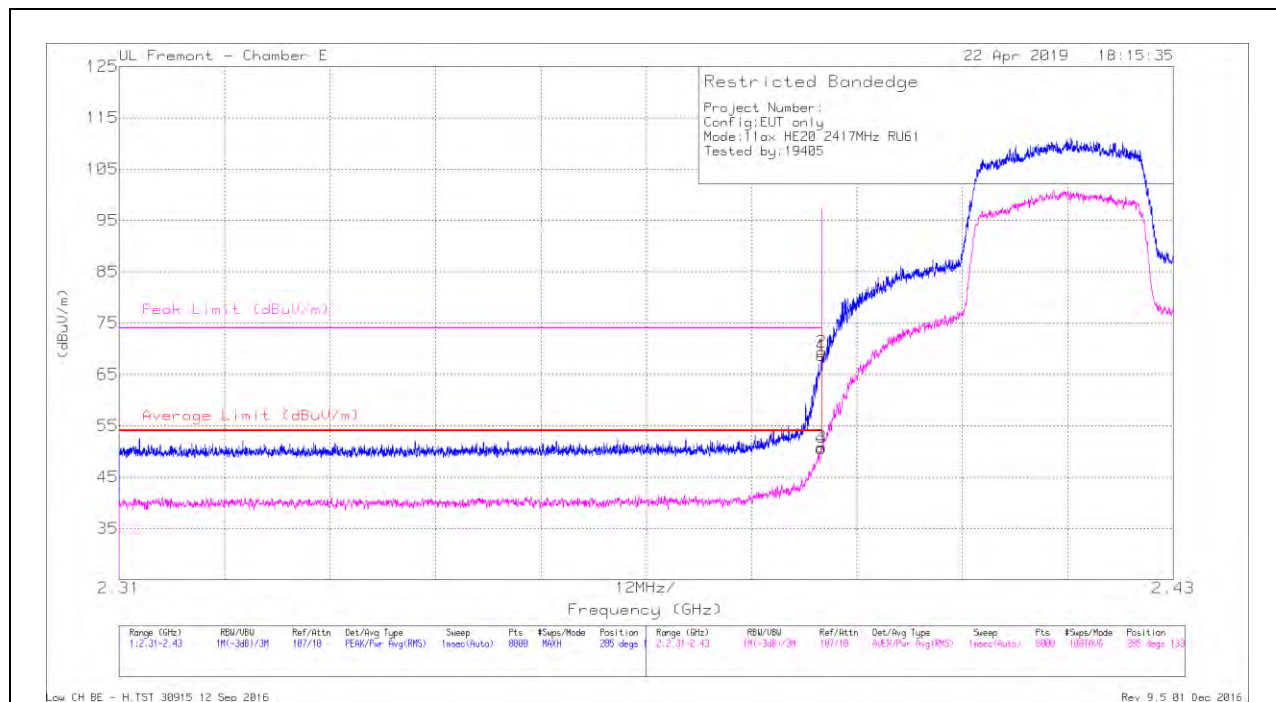


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.78	Pk	32.3	-26.2	59.88	-	-	74	-14.12	112	115	V
2	* 2.39	53.46	Pk	32.3	-26.2	59.56	-	-	74	-14.44	112	115	V
3	* 2.39	34.23	RMS	32.3	-26.2	40.33	54	-13.67	-	-	112	115	V
4	* 2.368	35.73	RMS	32.1	-26.3	41.53	54	-12.47	-	-	112	115	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

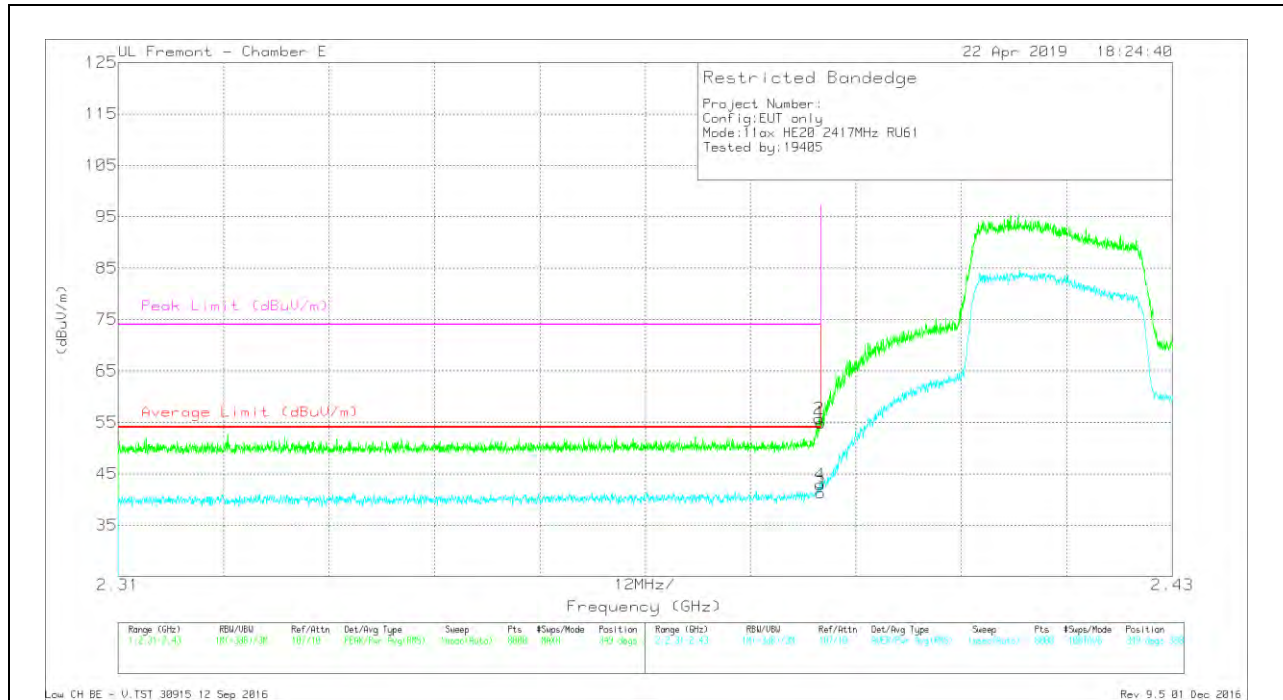
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	62.57	Pk	32.3	-26.2	68.67	-	-	74	-5.33	285	133	H
2	* 2.39	63.26	Pk	32.3	-26.2	69.36	-	-	74	-4.64	285	133	H
3	* 2.39	44.73	RMS	32.3	-26.2	50.83	54	-3.17	-	-	285	133	H
4	* 2.39	44.51	RMS	32.3	-26.2	50.61	54	-3.39	-	-	285	133	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

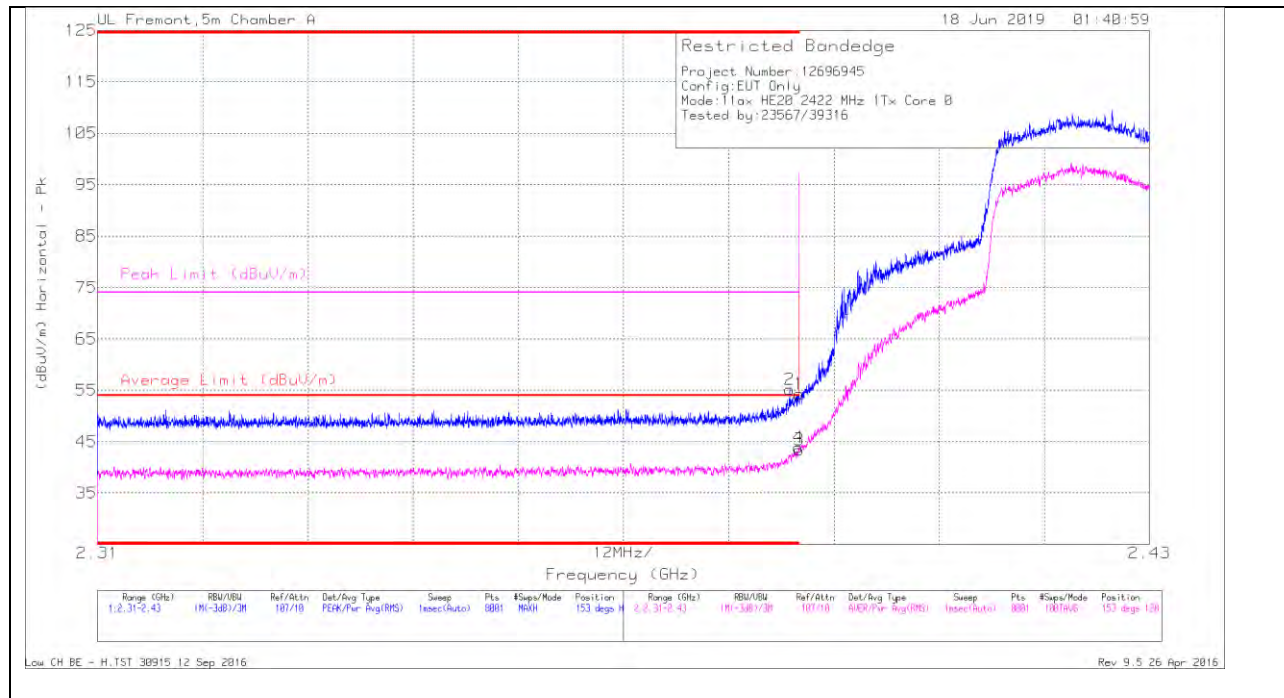


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.78	Pk	32.3	-26.2	54.88	-	-	74	-19.12	349	398	V
2	* 2.39	49.57	Pk	32.3	-26.2	55.67	-	-	74	-18.33	349	398	V
3	* 2.39	35.17	RMS	32.3	-26.2	41.27	54	-12.73	-	-	349	398	V
4	* 2.39	36.74	RMS	32.3	-26.2	42.84	54	-11.16	-	-	349	398	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)**HORIZONTAL RESULT**

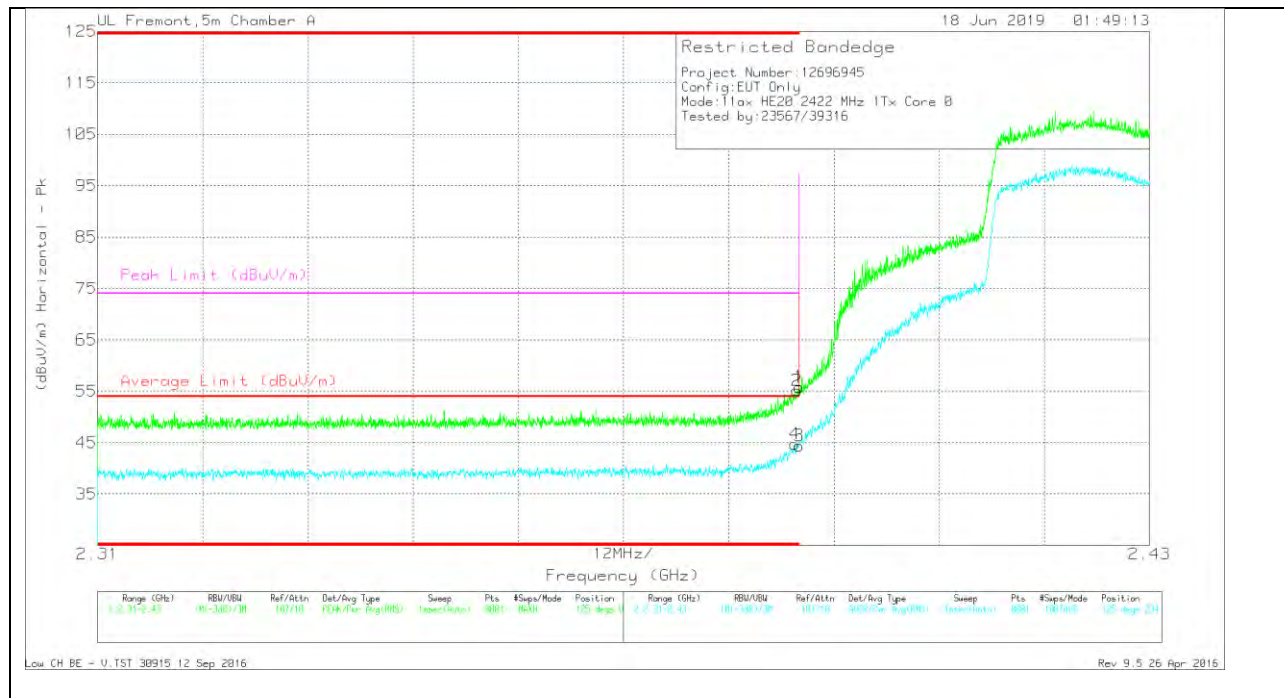
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.06	Pk	32.2	-23	54.26	-	-	74	-19.74	153	128	H
2	* 2.389	45.98	Pk	32.2	-23	55.18	-	-	74	-18.82	153	128	H
3	* 2.39	34.23	RMS	32.2	-23	43.43	54	-10.57	-	-	153	128	H
4	* 2.39	34.69	RMS	32.2	-23	43.89	54	-10.11	-	-	153	128	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

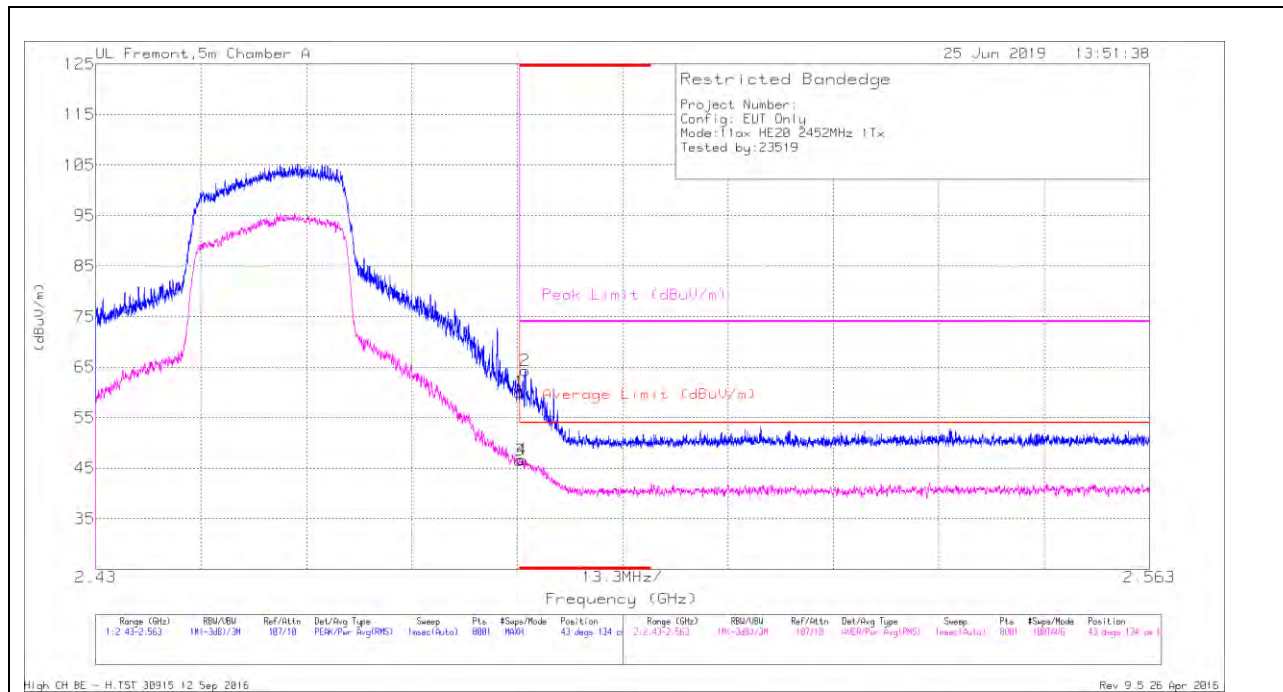


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.62	Pk	32.2	-23	55.82	-	-	74	-18.18	125	234	V
2	* 2.39	45.95	Pk	32.2	-23	55.15	-	-	74	-18.85	125	234	V
3	* 2.39	35.21	RMS	32.2	-23	44.41	54	-9.59	-	-	125	234	V
4	* 2.39	35.55	RMS	32.2	-23	44.75	54	-9.25	-	-	125	234	V

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

Pk - Peak detector

RMS - RMS detection

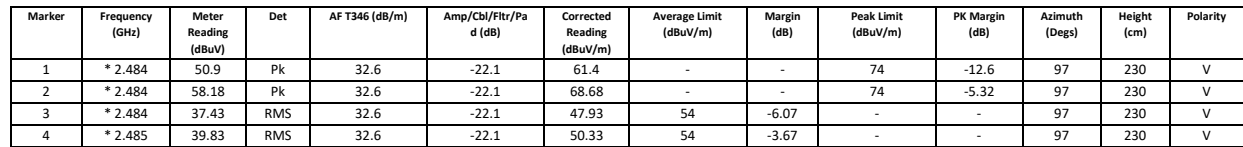
BANDEDGE (HIGH CHANNEL, CH 9)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.54	Pk	32.6	-22.1	60.04	-	-	74	-13.96	43	134	H
2	* 2.484	53.86	Pk	32.6	-22.1	64.36	-	-	74	-9.64	43	134	H
3	* 2.484	36.06	RMS	32.6	-22.1	46.56	54	-7.44	-	-	43	134	H
4	* 2.484	36.24	RMS	32.6	-22.1	46.74	54	-7.26	-	-	43	134	H

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

Pk - Peak detector

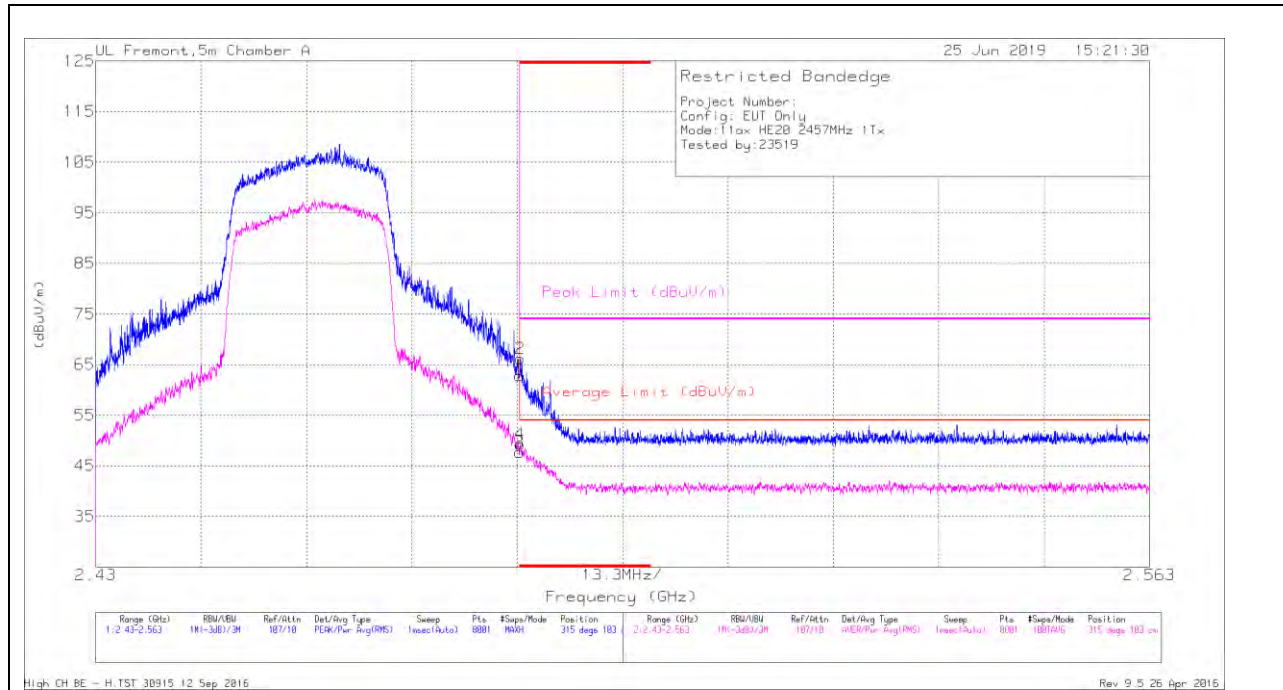
RMS - RMS detection



Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



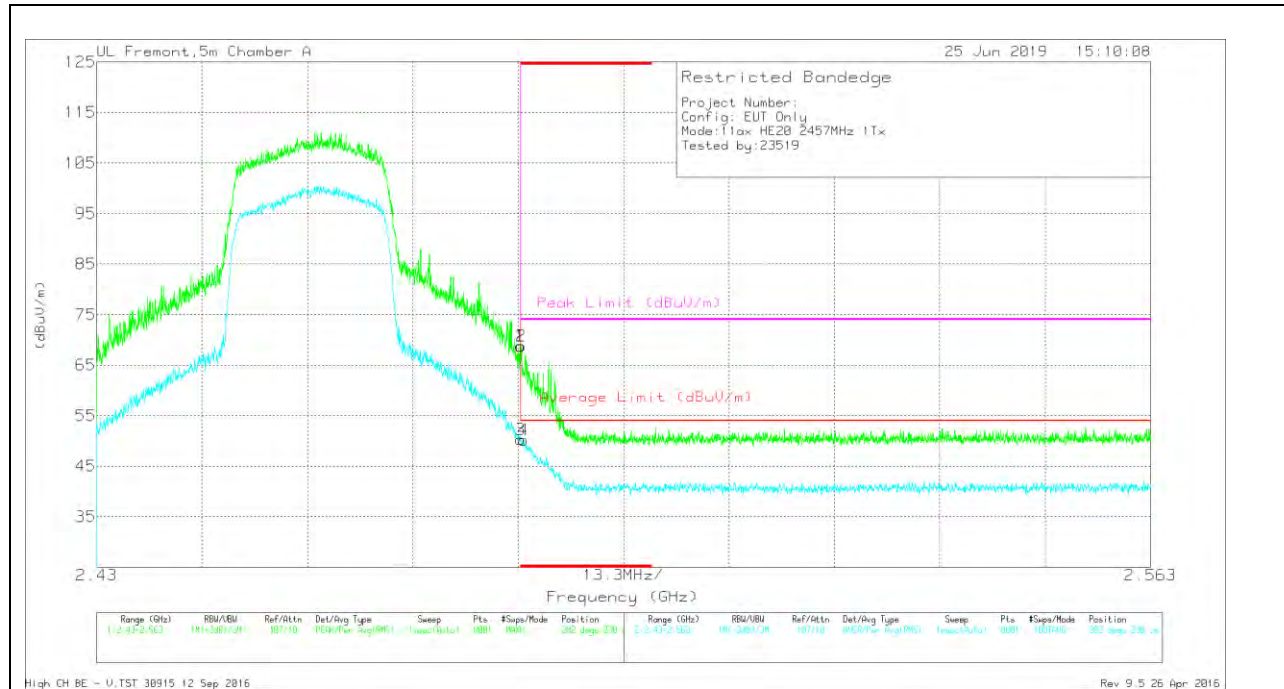
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.38	Pk	32.6	-22.1	62.88	-	-	74	-11.12	315	103	H
2	* 2.484	55.65	Pk	32.6	-22.1	66.15	-	-	74	-7.85	315	103	H
3	* 2.484	37.19	RMS	32.6	-22.1	47.69	54	-6.31	-	-	315	103	H
4	* 2.484	38.85	RMS	32.6	-22.1	49.35	54	-4.65	-	-	315	103	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/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	58.32	Pk	32.6	-22.1	68.82	-	-	74	-5.18	282	230	V
2	* 2.484	58.27	Pk	32.6	-22.1	68.77	-	-	74	-5.23	282	230	V
3	* 2.484	39.82	RMS	32.6	-22.1	50.32	54	-3.68	-	-	282	230	V
4	* 2.484	39.62	RMS	32.6	-22.1	50.12	54	-3.88	-	-	282	230	V

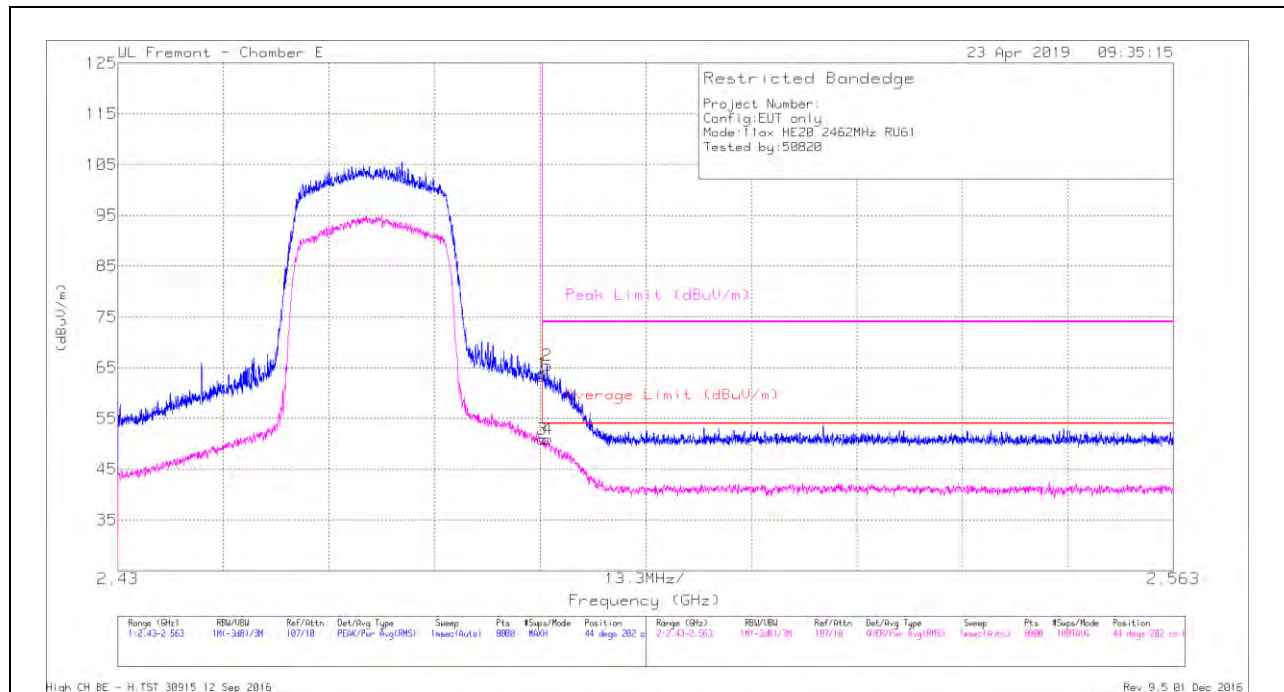
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



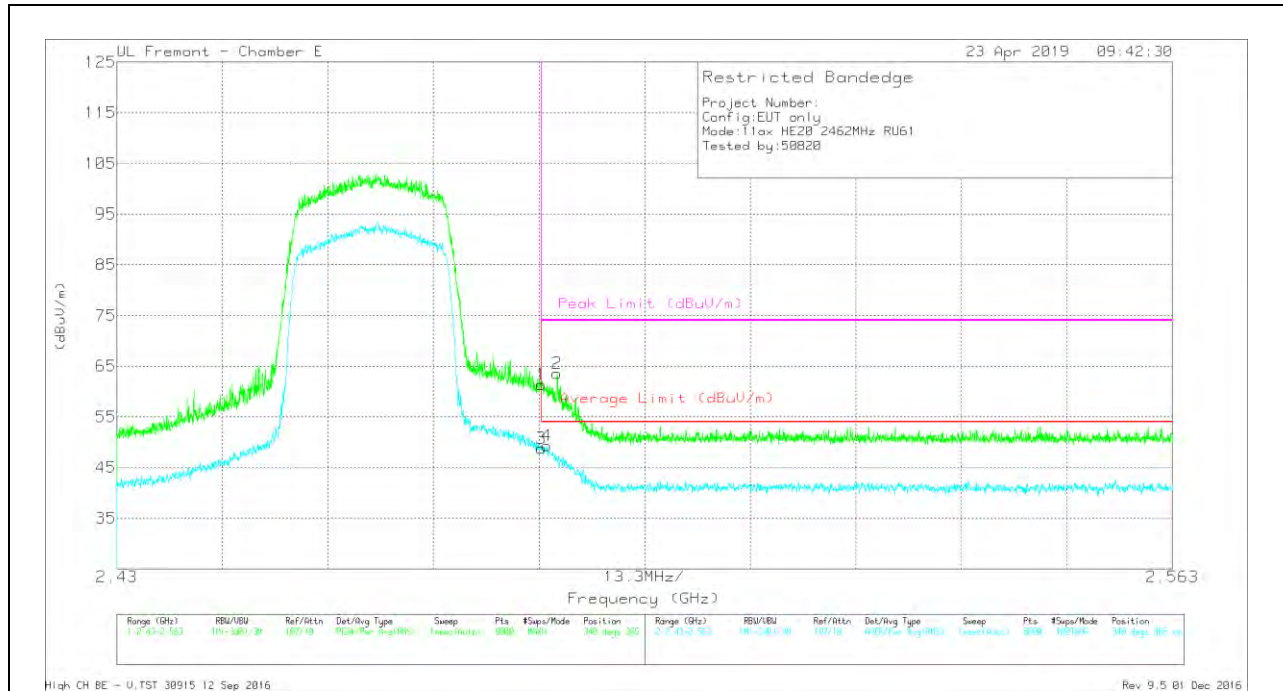
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	57.35	Pk	32.8	-26.3	63.85	-	-	74	-10.15	44	202	H
2	* 2.484	58.93	Pk	32.8	-26.3	65.43	-	-	74	-8.57	44	202	H
3	* 2.484	44.39	RMS	32.8	-26.3	50.89	54	-3.11	-	-	44	202	H
4	* 2.484	44.46	RMS	32.8	-26.3	50.96	54	-3.04	-	-	44	202	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 T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.79	Pk	32.8	-26.3	61.29	-	-	74	-12.71	340	365	V
2	* 2.485	57.07	Pk	32.8	-26.3	63.57	-	-	74	-10.43	340	365	V
3	* 2.484	42.29	RMS	32.8	-26.3	48.79	54	-5.21	-	-	340	365	V
4	* 2.484	42.82	RMS	32.8	-26.3	49.32	54	-4.68	-	-	340	365	V

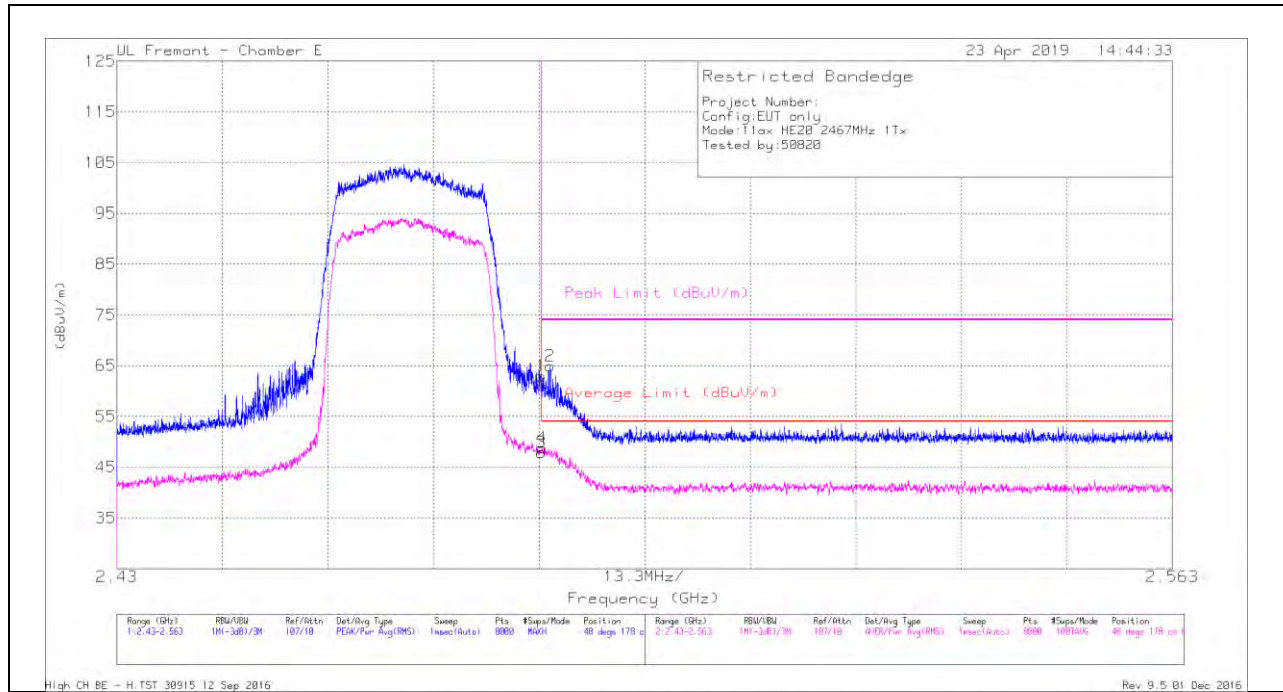
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



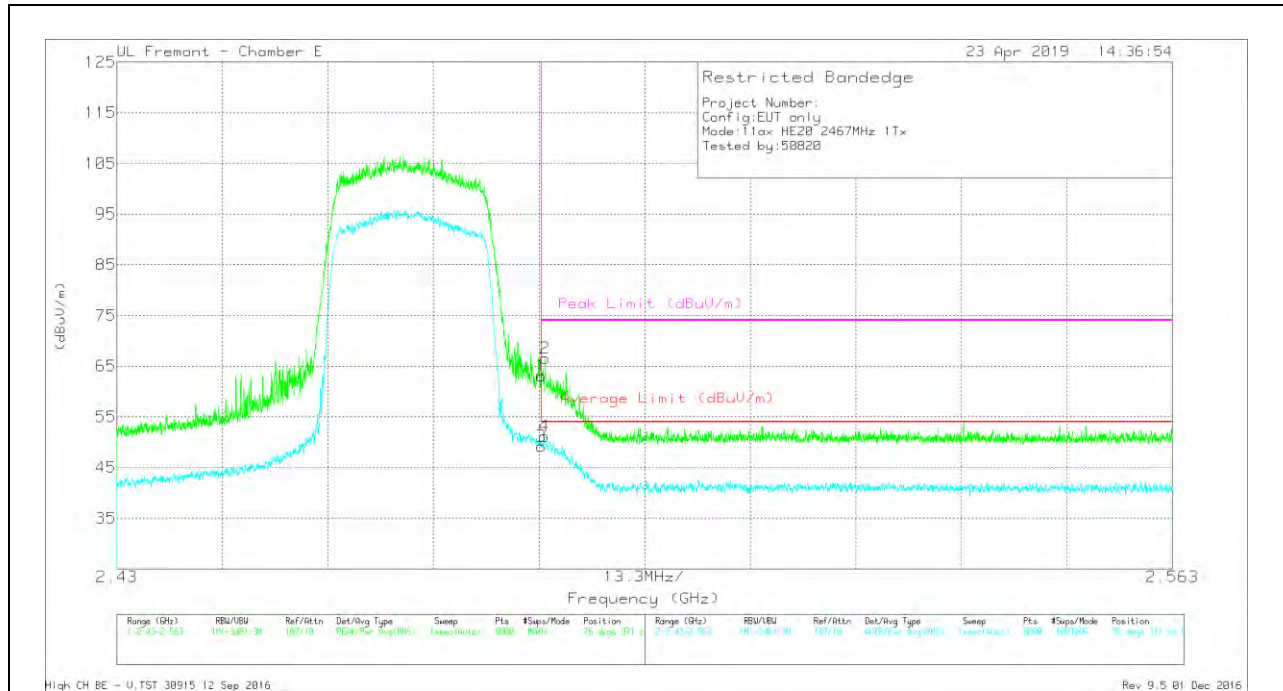
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.44	Pk	32.8	-26.3	62.94	-	-	74	-11.06	48	178	H
2	* 2.485	58.41	Pk	32.8	-26.3	64.91	-	-	74	-9.09	48	178	H
3	* 2.484	41.41	RMS	32.8	-26.3	47.91	54	-6.09	-	-	48	178	H
4	* 2.484	42.32	RMS	32.8	-26.3	48.82	54	-5.18	-	-	48	178	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/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	56.58	Pk	32.8	-26.3	63.08	-	-	74	-10.92	76	371	V
2	* 2.484	60.11	Pk	32.8	-26.3	66.61	-	-	74	-7.39	76	371	V
3	* 2.484	42.72	RMS	32.8	-26.3	49.22	54	-4.78	-	-	76	371	V
4	* 2.484	44.71	RMS	32.8	-26.3	51.21	54	-2.79	-	-	76	371	V

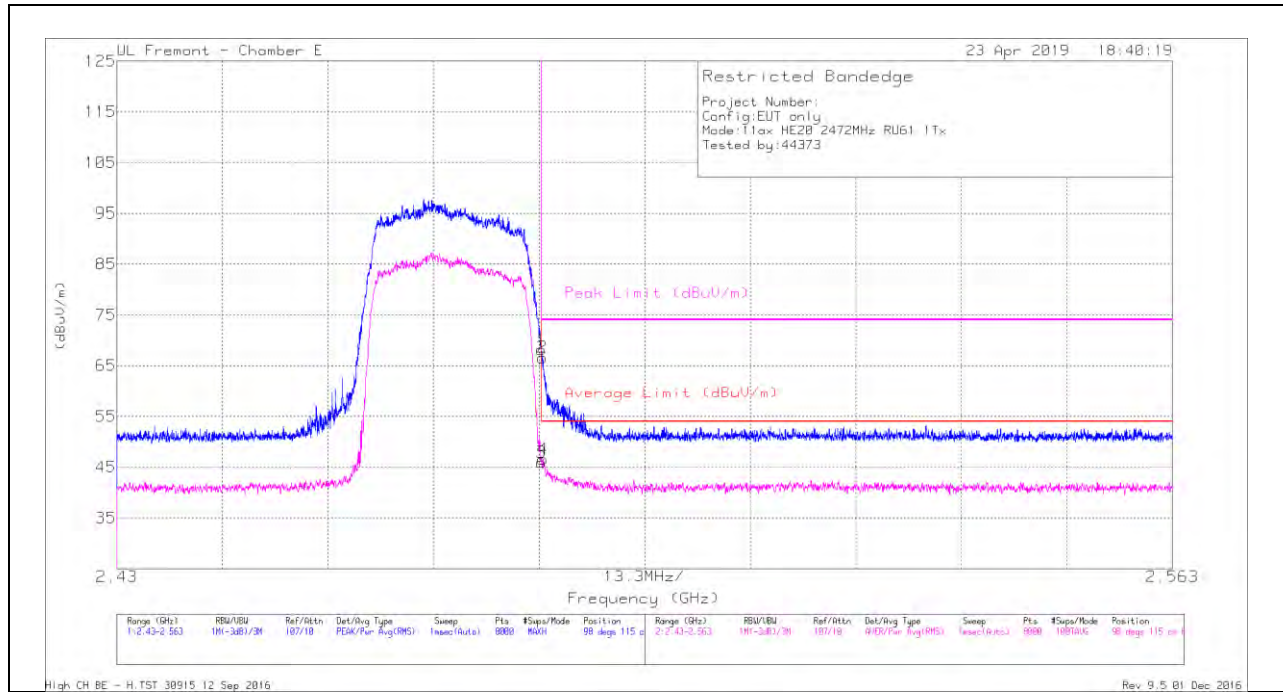
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Ftr/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	61.63	Pk	32.8	-26.3	68.13	-	-	74	-5.87	98	115	H
2	* 2.484	60.12	Pk	32.8	-26.3	66.62	-	-	74	-7.38	98	115	H
3	* 2.484	39.44	RMS	32.8	-26.3	45.94	54	-8.06	-	-	98	115	H
4	* 2.484	40.12	RMS	32.8	-26.3	46.62	54	-7.38	-	-	98	115	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber E

23 Apr 2019 18:50:05

Restricted Bandedge

Project Number:
Config: EUT only
Made: T1ax HE20 2472MHz RU61 1Tx
Tested by: 44373

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

13.3MHz/

Frequency (GHz)

2.43 2.563

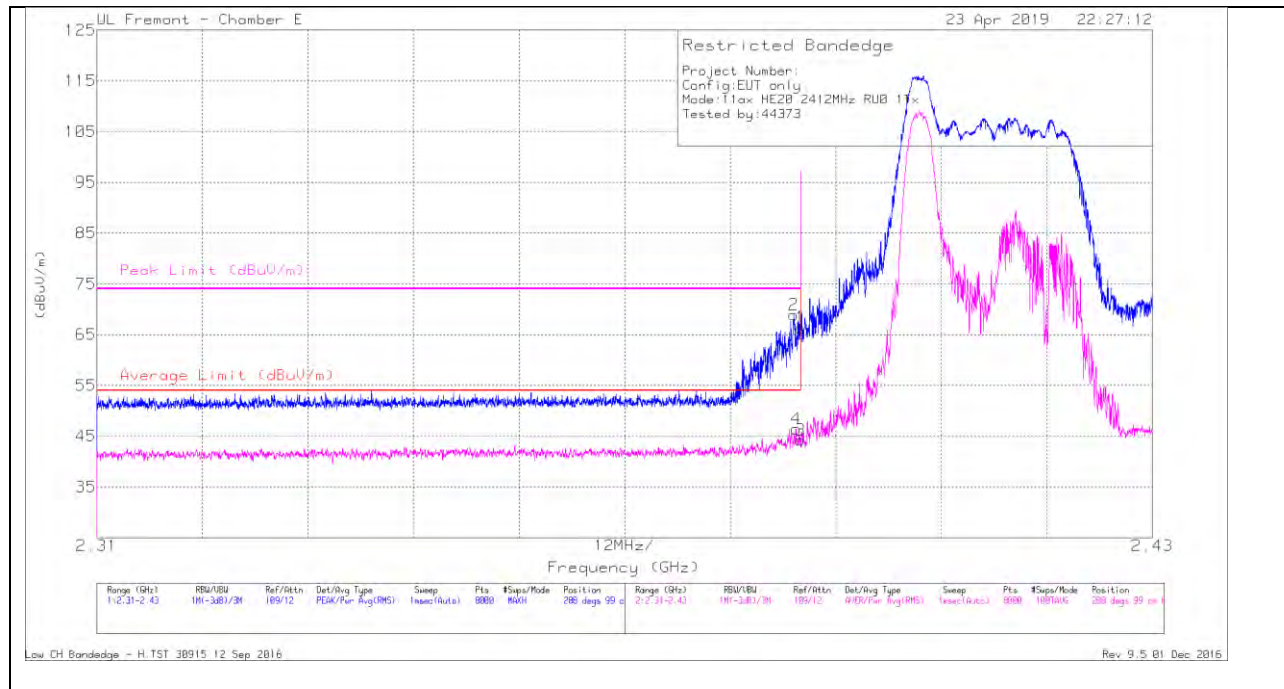
Range (GHz) 1.43-2.563 RBW/VBW 1Hz-300/30 Ref/Att'n 107/10 Det/Avg Type P2 (RMS) Avg (RMS) Sweep 1000Hz P1s 1000 #Sups/Mode 1000 Position 75 deg 30 deg Range (GHz) 2.43-2.563 RBW/VBW 1Hz-300/30 Ref/Att'n 107/10 Det/Avg Type P2 (RMS) Avg (RMS) Sweep 1000Hz P1s 1000 #Sups/Mode 1000 Position 75 deg 30 deg

High CH RF - U.TST 30915 12 Sep 2016

Rev 9.5 R1 Dec 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Chl/Ftr/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	60.84	Pk	32.8	-26.3	67.34	-	-	74	-6.66	76	369	V
2	* 2.484	59.42	Pk	32.8	-26.3	65.92	-	-	74	-8.08	76	369	V
3	* 2.484	39.64	RMS	32.8	-26.3	46.14	54	-7.86	-	-	76	369	V
4	* 2.484	40.44	RMS	32.8	-26.3	46.94	54	-7.06	-	-	76	369	V

Pk - Peak detector
RMS - RMS detection

ANTENNA 5 LEGACY SISO MODE: 26-Tones, RU Index 0**BANDEDGE (LOW CHANNEL, CH 1)****HORIZONTAL RESULT**

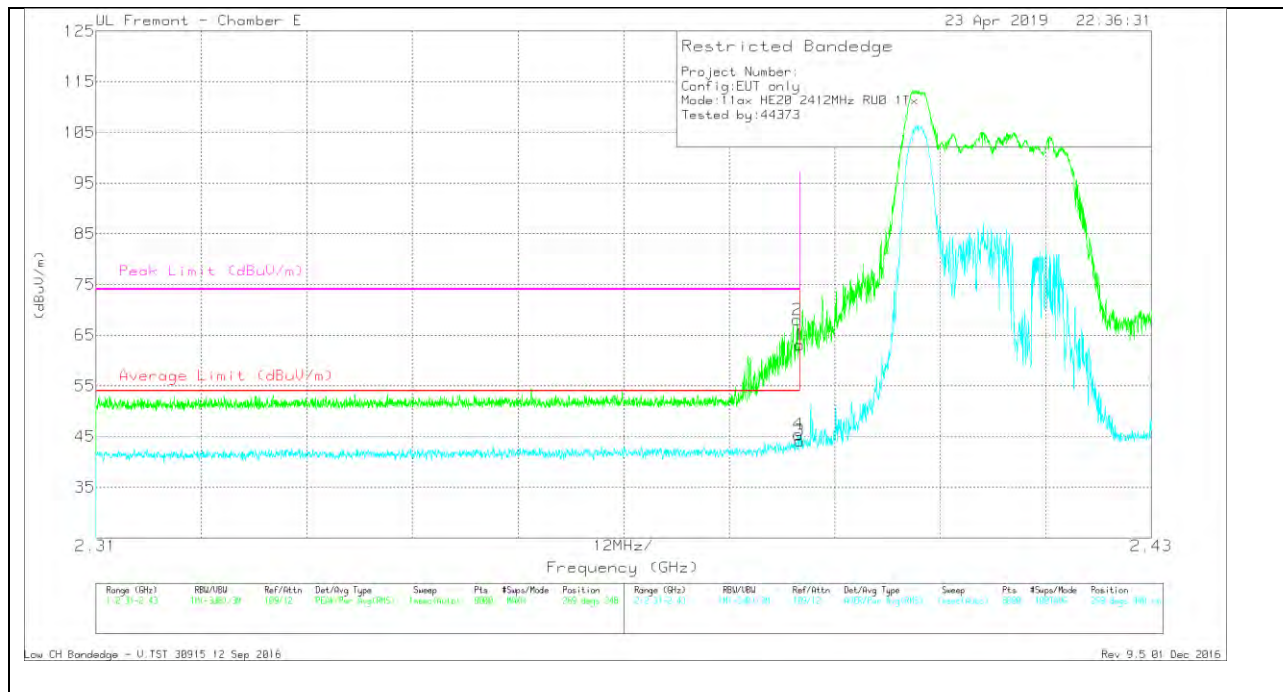
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.389	54.95	Pk	32.3	-18.3	68.95	-	-	74	-5.05	288	99	H
4	* 2.389	32.43	RMS	32.3	-18.3	46.43	54	-7.57	-	-	288	99	H
1	* 2.39	52.37	Pk	32.3	-18.3	66.37	-	-	74	-7.63	288	99	H
3	* 2.39	30.22	RMS	32.3	-18.3	44.22	54	-9.78	-	-	288	99	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

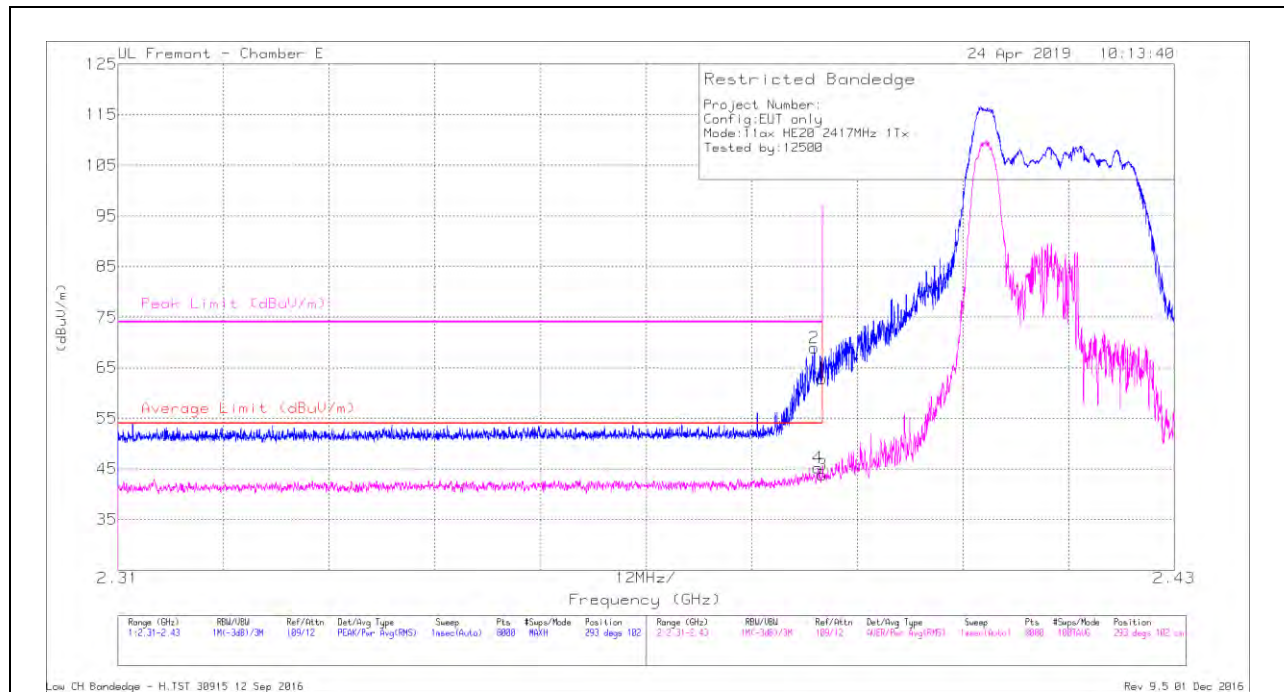


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.09	Pk	32.3	-18.3	63.09	-	-	74	-10.91	269	348	V
2	* 2.39	54.03	Pk	32.3	-18.3	68.03	-	-	74	-5.97	269	348	V
3	* 2.39	30.15	RMS	32.3	-18.3	44.15	54	-9.85	-	-	269	348	V
4	* 2.39	31.39	RMS	32.3	-18.3	45.39	54	-8.61	-	-	269	348	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

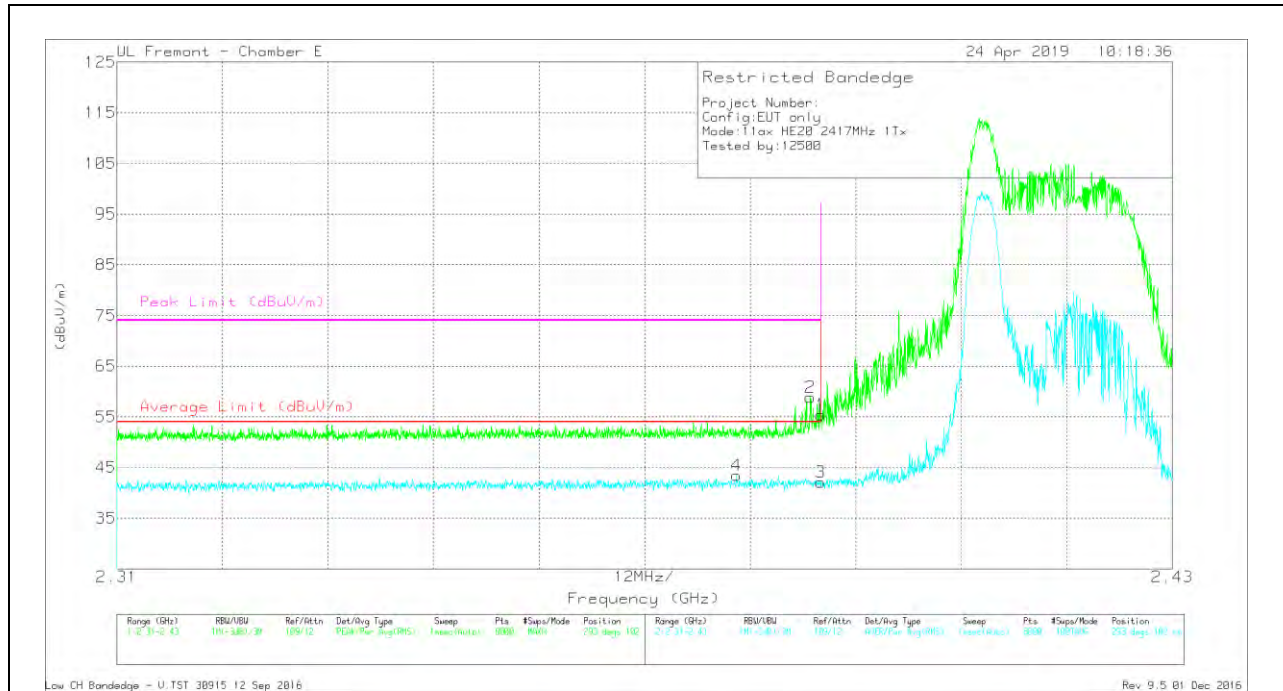
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.89	Pk	32.3	-18.3	62.89	-	-	74	-11.11	293	102	H
2	* 2.389	54.9	Pk	32.3	-18.3	68.9	-	-	74	-5.1	293	102	H
3	* 2.39	29.86	RMS	32.3	-18.3	43.86	54	-10.14	-	-	293	102	H
4	* 2.39	31.19	RMS	32.3	-18.3	45.19	54	-8.81	-	-	293	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

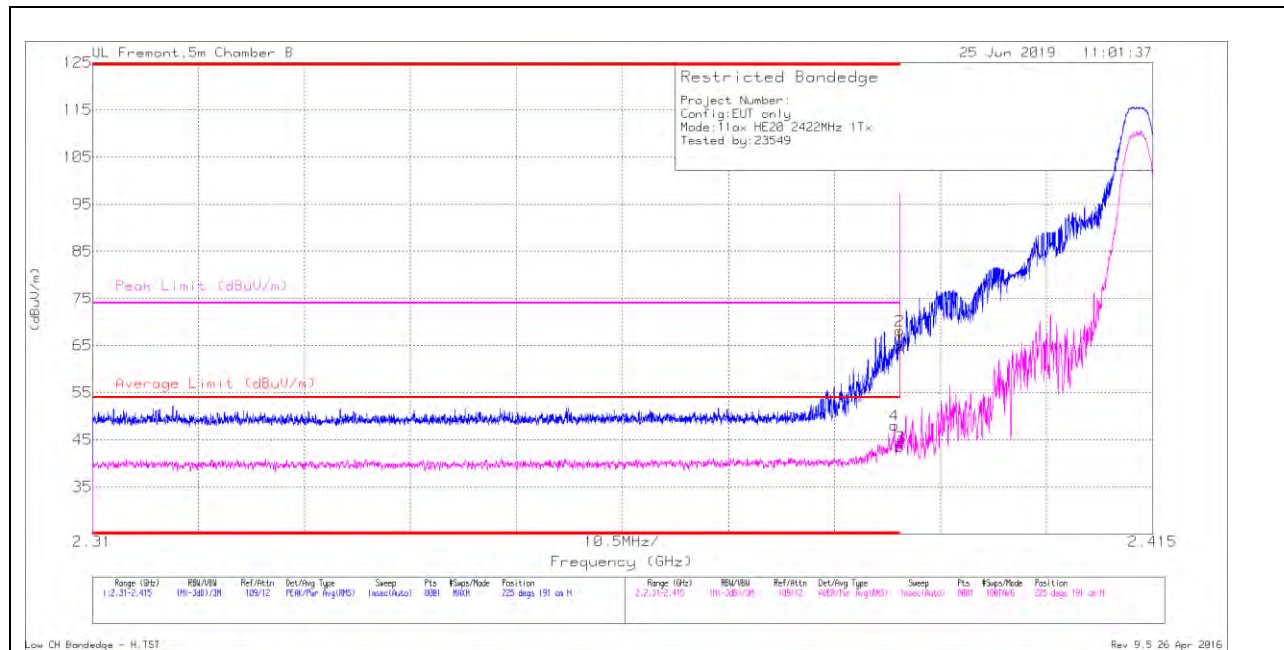


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.38	29.42	RMS	32.3	-18.3	43.42	54	-10.58	-	-	293	102	V
2	* 2.389	44.85	Pk	32.3	-18.3	58.85	-	-	74	-15.15	293	102	V
1	* 2.39	41.44	Pk	32.3	-18.3	55.44	-	-	74	-18.56	293	102	V
3	* 2.39	28.12	RMS	32.3	-18.3	42.12	54	-11.88	-	-	293	102	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)**HORIZONTAL RESULT**

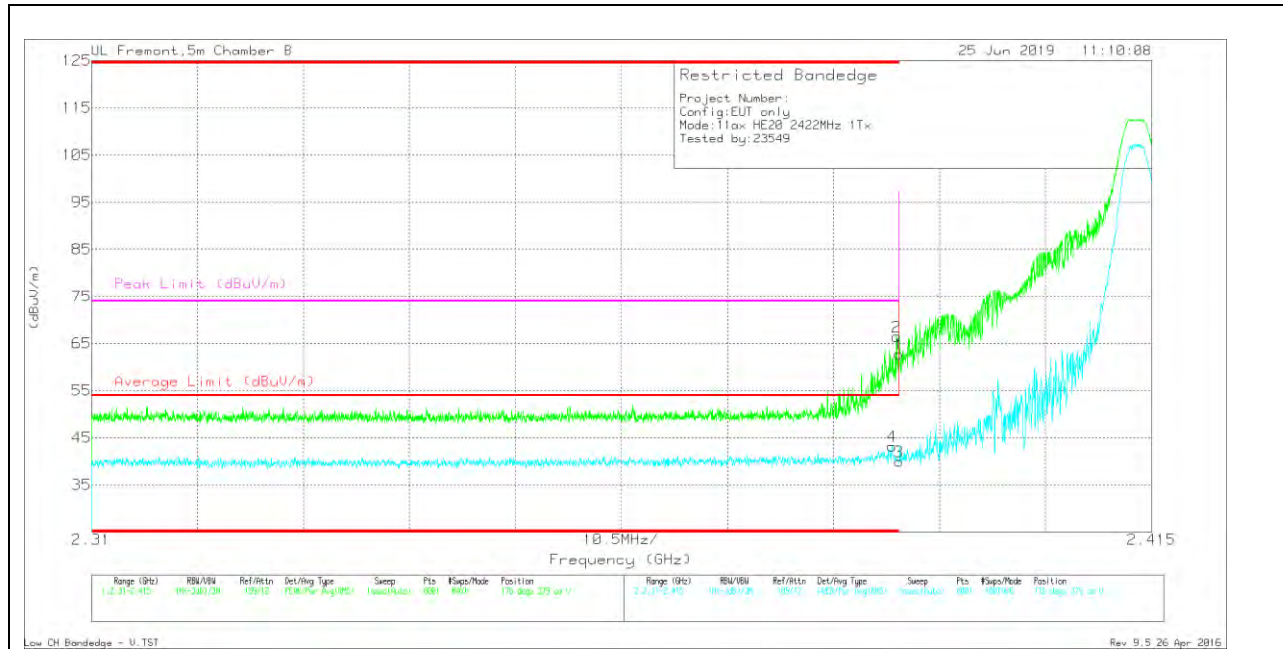
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.389	35.03	RMS	31.9	-18.9	48.03	54	-5.97	-	-	225	191	H
1	* 2.39	51.94	Pk	31.9	-18.9	64.94	-	-	74	-9.06	225	191	H
2	* 2.39	55.13	Pk	31.9	-18.9	68.13	-	-	74	-5.87	225	191	H
3	* 2.39	30.56	RMS	31.9	-18.9	43.56	54	-10.44	-	-	225	191	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

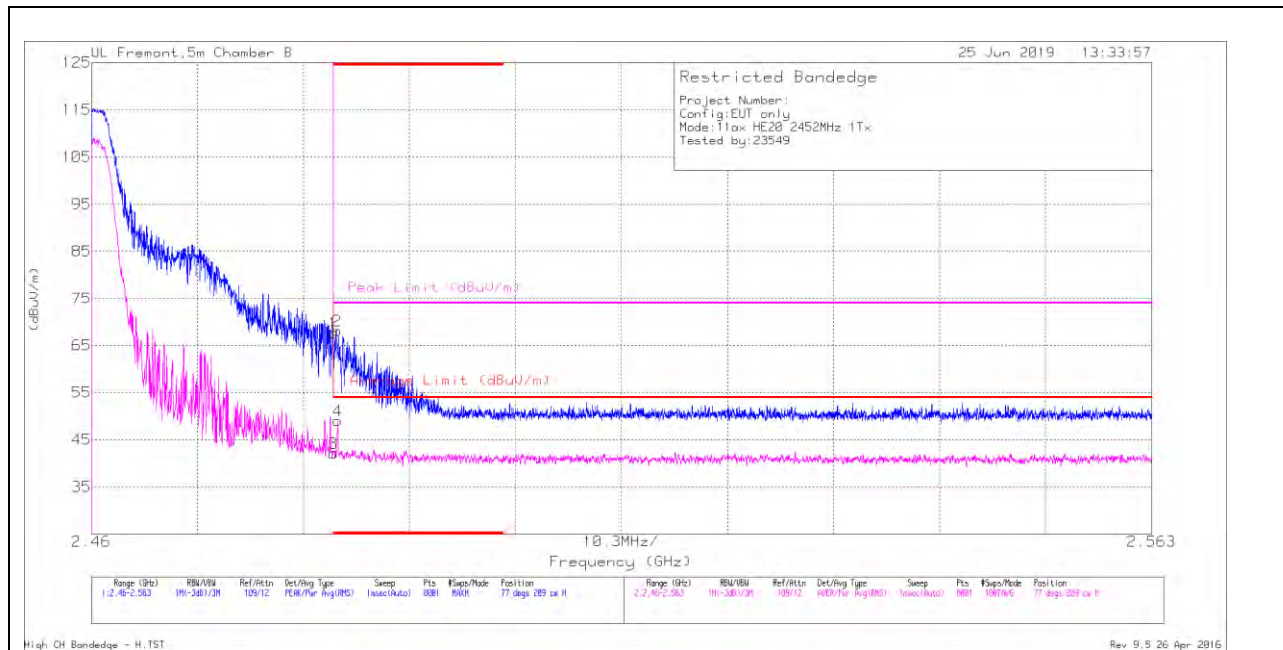


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.389	30.21	RMS	31.9	-18.9	43.21	54	-10.79	-	-	176	379	V
1	* 2.39	49.8	Pk	31.9	-18.9	62.8	-	-	74	-11.2	176	379	V
2	* 2.39	53.49	Pk	31.9	-18.9	66.49	-	-	74	-7.51	176	379	V
3	* 2.39	26.99	RMS	31.9	-18.9	39.99	54	-14.01	-	-	176	379	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)**HORIZONTAL RESULT**

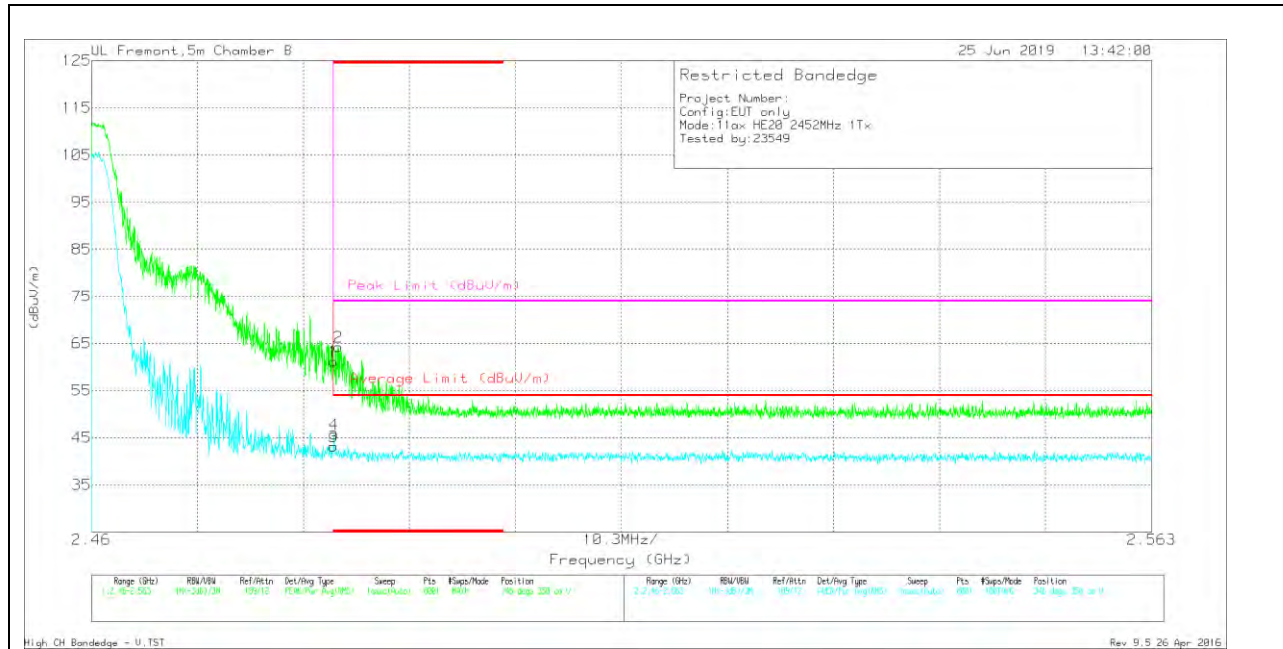
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.3	Pk	32.3	-18.9	67.7	-	-	74	-6.3	77	209	H
2	* 2.484	54.78	Pk	32.3	-18.9	68.18	-	-	74	-5.82	77	209	H
3	* 2.484	28.79	RMS	32.3	-18.9	42.19	54	-11.81	-	-	77	209	H
4	* 2.484	35.66	RMS	32.3	-18.9	49.06	54	-4.94	-	-	77	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 T344 (dB/m)	Amp/Cb/Ftr/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	47.8	Pk	32.3	-18.9	61.2	-	-	74	-12.8	346	350	V
2	* 2.484	50.9	Pk	32.3	-18.9	64.3	-	-	74	-9.7	346	350	V
3	* 2.484	29.82	RMS	32.3	-18.9	43.22	54	-10.78	-	-	346	350	V
4	* 2.484	32.4	RMS	32.3	-18.9	45.8	54	-8.2	-	-	346	350	V

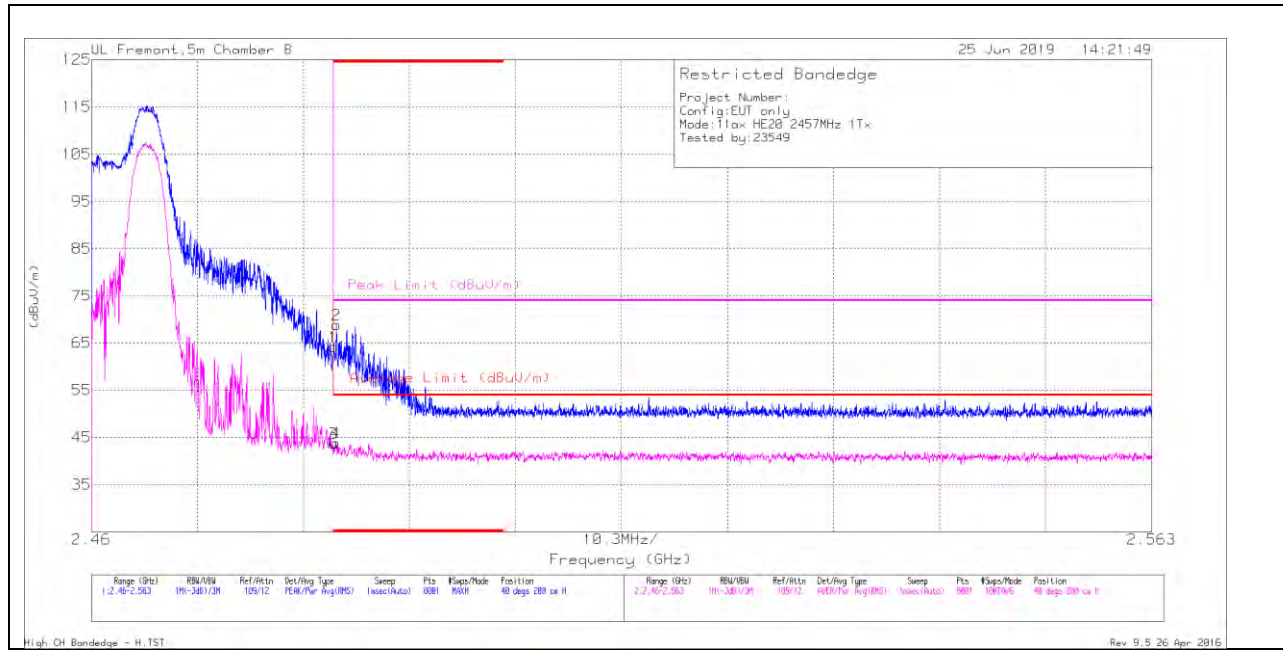
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



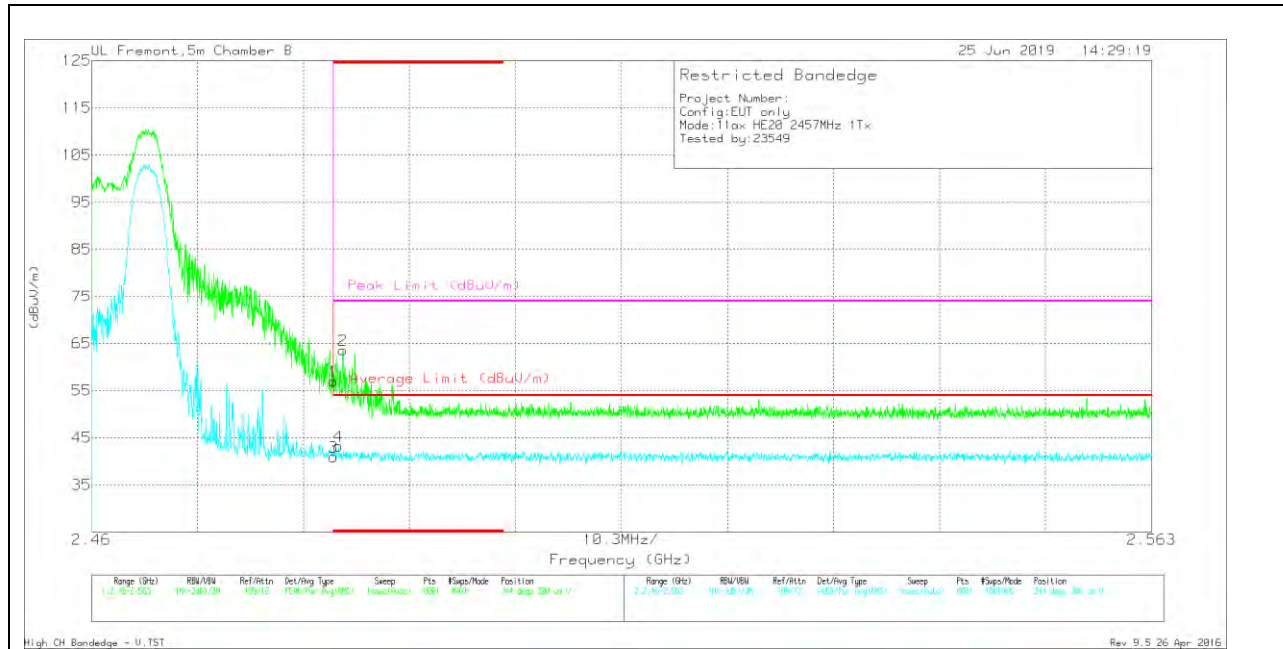
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.81	Pk	32.3	-18.9	64.21	-	-	74	-9.79	40	208	H
2	* 2.484	55.47	Pk	32.3	-18.9	68.87	-	-	74	-5.13	40	208	H
3	* 2.484	30.39	RMS	32.3	-18.9	43.79	54	-10.21	-	-	40	208	H
4	* 2.484	30.48	RMS	32.3	-18.9	43.88	54	-10.12	-	-	40	208	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

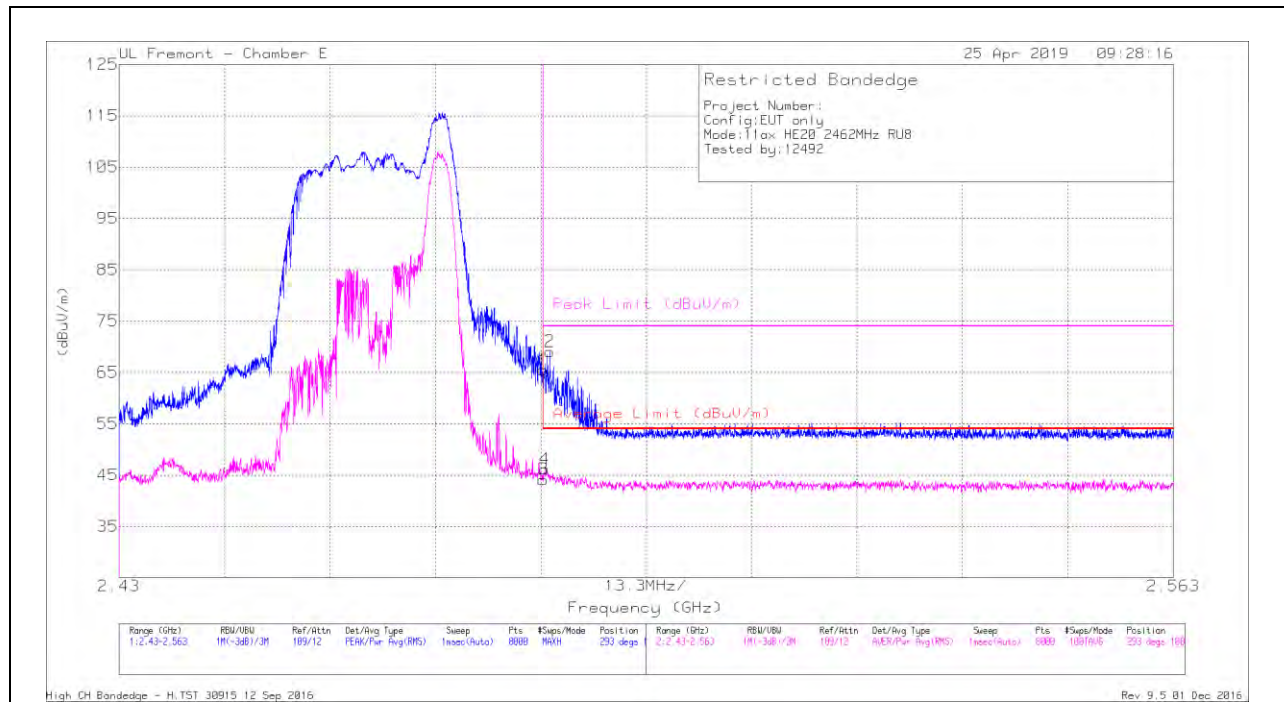


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.56	Pk	32.3	-18.9	56.96	-	-	74	-17.04	344	308	V
2	* 2.484	50.19	Pk	32.3	-18.9	63.59	-	-	74	-10.41	344	308	V
3	* 2.484	27.57	RMS	32.3	-18.9	40.97	54	-13.03	-	-	344	308	V
4	* 2.484	29.86	RMS	32.3	-18.9	43.26	54	-10.74	-	-	344	308	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)**HORIZONTAL RESULT**

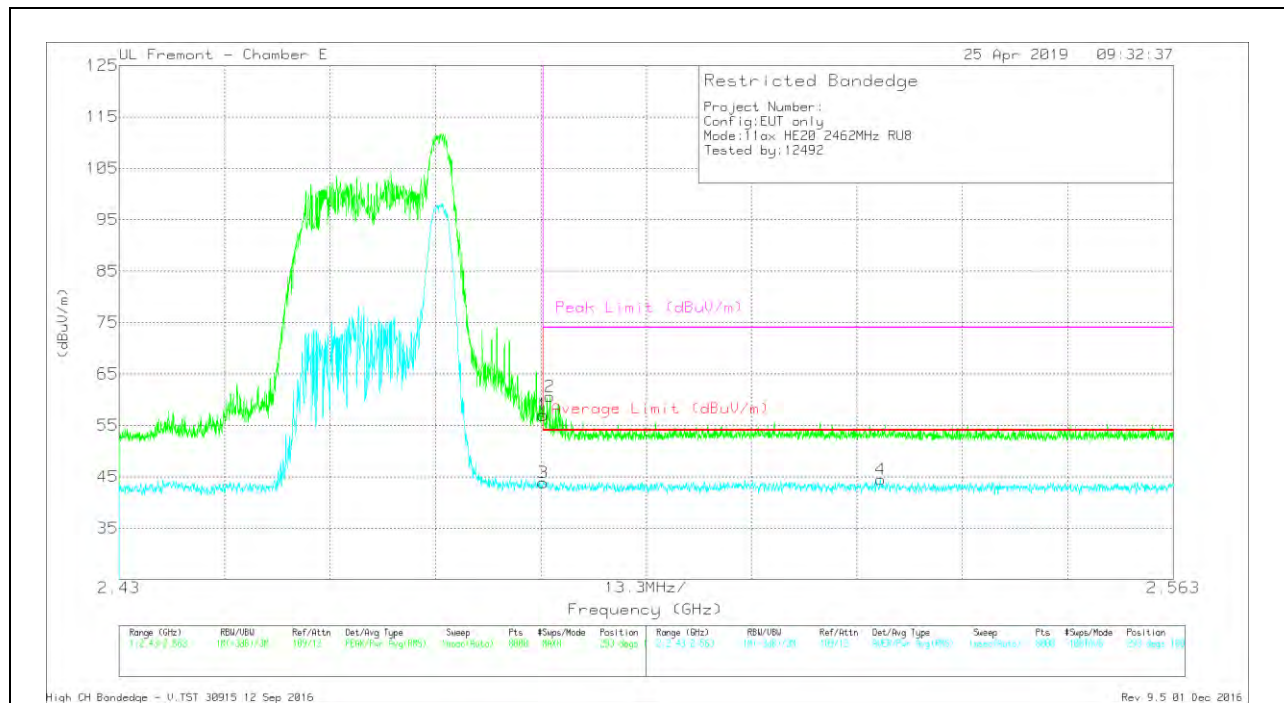
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.79	Pk	32.8	-18.1	65.49	-	-	74	-8.51	293	100	H
2	* 2.484	54.35	Pk	32.8	-18.1	69.05	-	-	74	-4.95	293	100	H
3	* 2.484	29.46	RMS	32.8	-18.1	44.16	54	-9.84	-	-	293	100	H
4	* 2.484	31.45	RMS	32.8	-18.1	46.15	54	-7.85	-	-	293	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 T119 [dB/m]	Amp/CbLtr/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	42.3	Pk	32.8	-18.1	57	-	-	74	-17	293	100	V
2	* 2.484	45.87	Pk	32.8	-18.1	60.57	-	-	74	-13.43	293	100	V
3	* 2.484	29.13	RMS	32.8	-18.1	43.83	54	-10.17	-	-	293	100	V
4	2.526	29.66	RMS	32.9	-18.1	44.46	54	-9.54	-	-	293	100	V

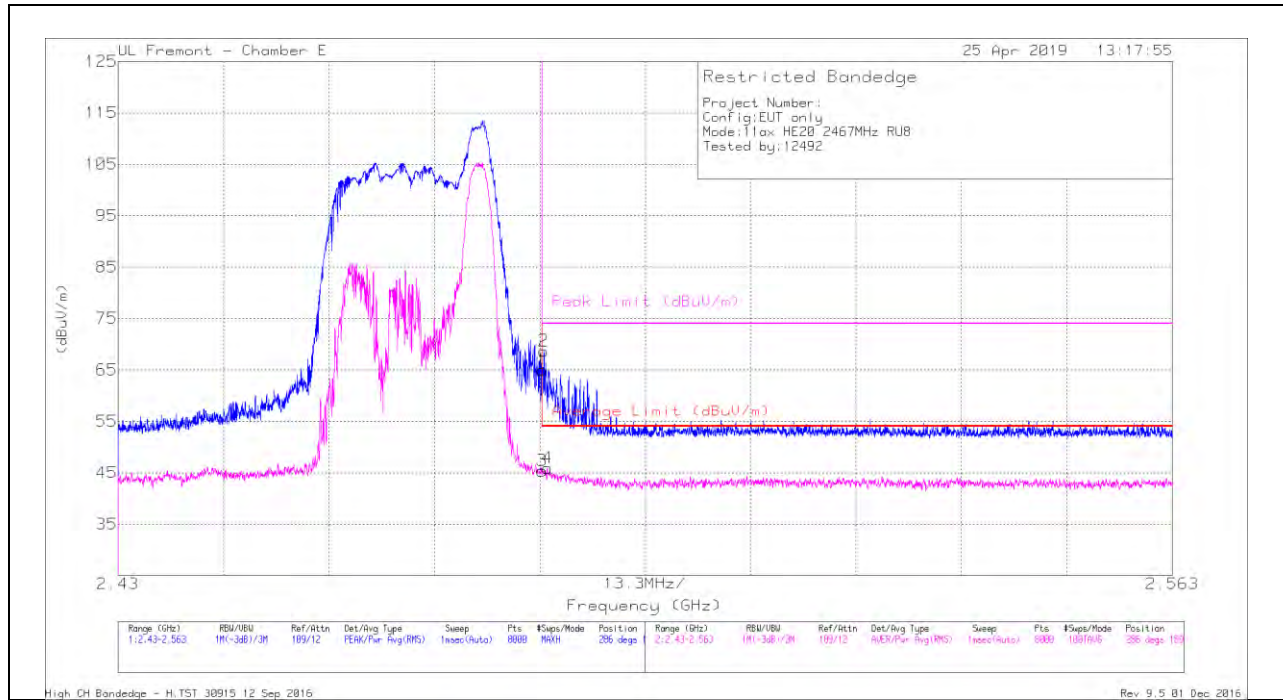
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



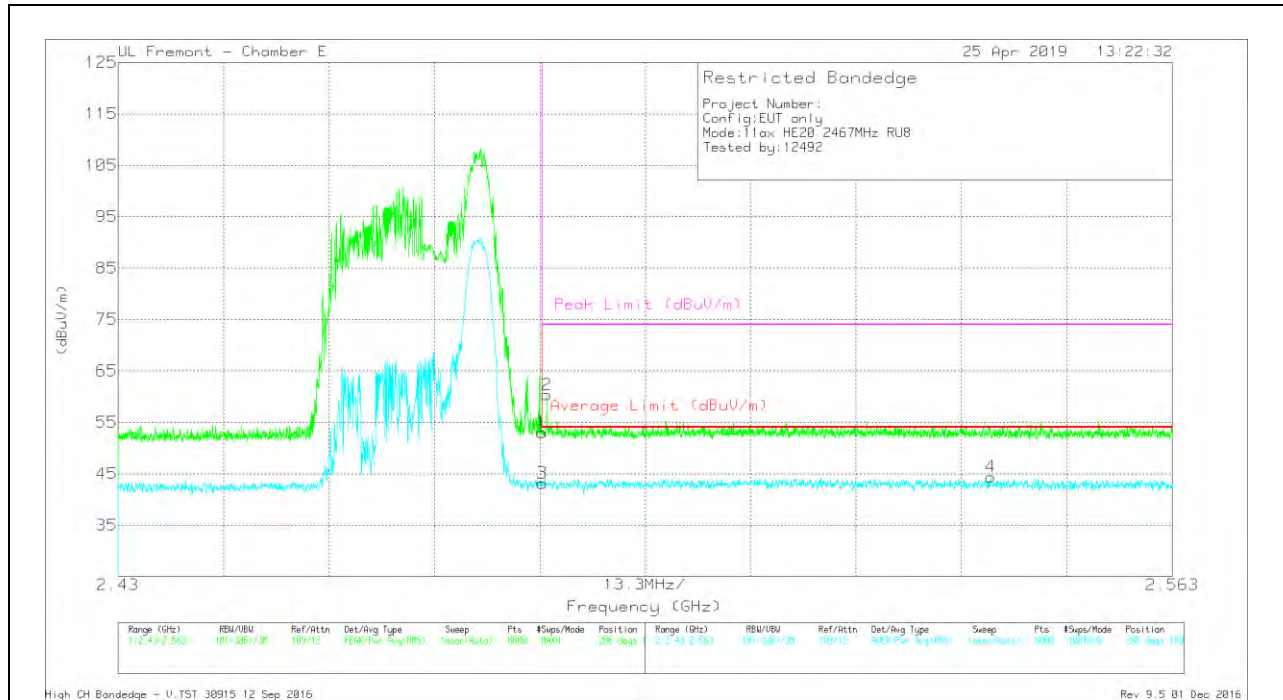
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.3	Pk	32.8	-18.1	65	-	-	74	-9	286	159	H
2	* 2.484	53.98	Pk	32.8	-18.1	68.68	-	-	74	-5.32	286	159	H
3	* 2.484	30.7	RMS	32.8	-18.1	45.4	54	-8.6	-	-	286	159	H
4	* 2.484	31.18	RMS	32.8	-18.1	45.88	54	-8.12	-	-	286	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 T119 (dB/m)	Amp/Cb/Filtz/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	38.32	Pk	32.8	-18.1	53.02	-	-	74	-20.98	286	159	V
2	* 2.484	45.65	Pk	32.8	-18.1	60.35	-	-	74	-13.65	286	159	V
3	* 2.484	28.46	RMS	32.8	-18.1	43.16	54	-10.84	-	-	286	159	V
4	2.54	29.77	RMS	32.9	-18.3	44.37	54	-9.63	-	-	286	159	V

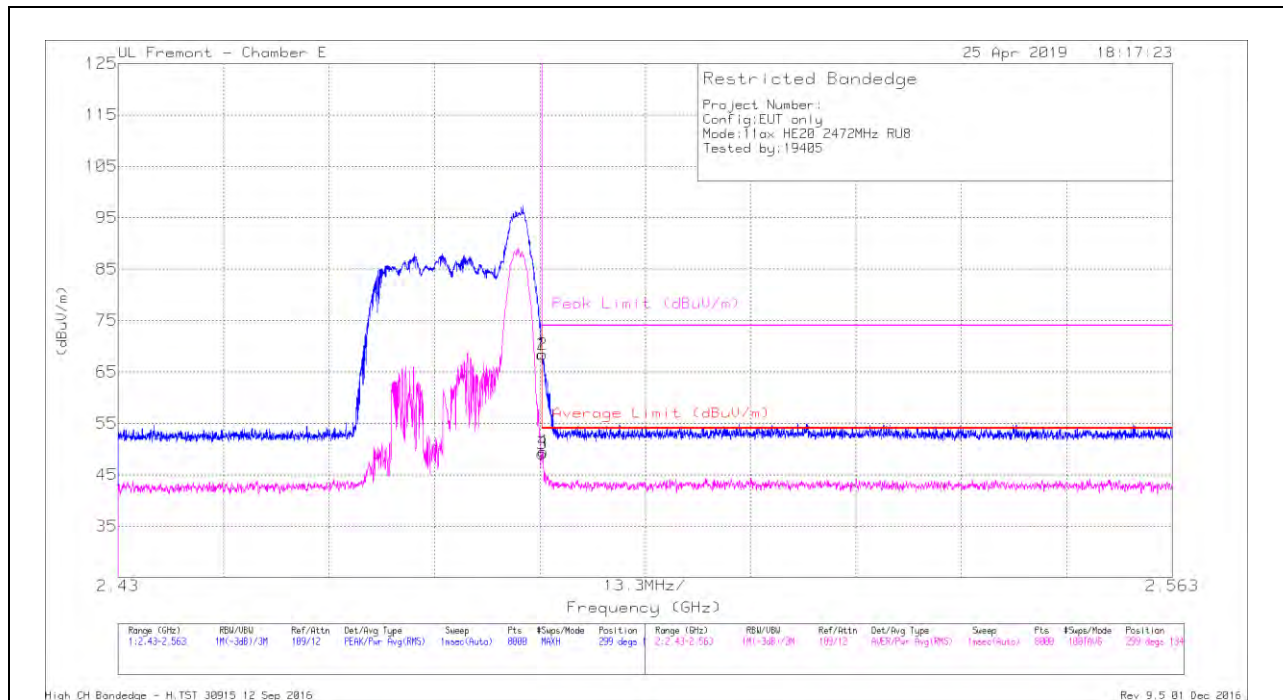
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



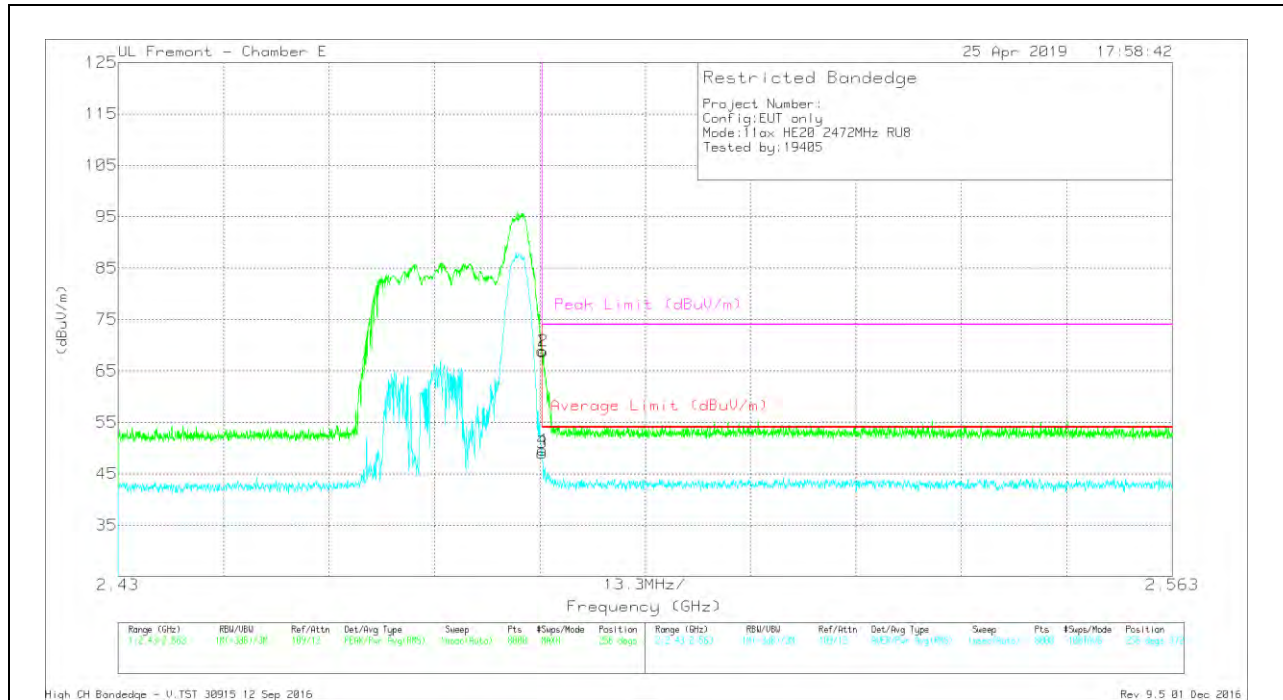
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.76	Pk	32.8	-18.1	68.46	-	-	74	-5.54	299	134	H
2	* 2.484	53.69	Pk	32.8	-18.1	68.39	-	-	74	-5.61	299	134	H
3	* 2.484	34.42	RMS	32.8	-18.1	49.12	54	-4.88	-	-	299	134	H
4	* 2.484	34.83	RMS	32.8	-18.1	49.53	54	-4.47	-	-	299	134	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

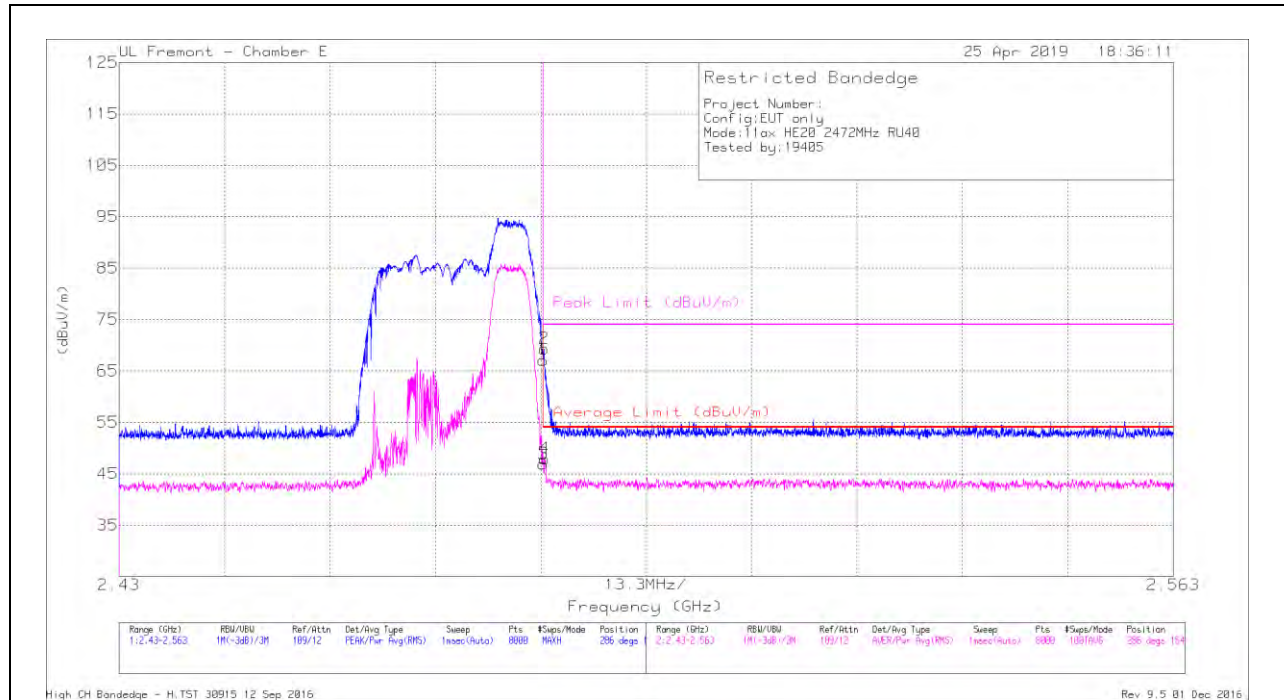


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.17	Pk	32.8	-18.1	68.87	-	-	74	-5.13	256	372	V
2	* 2.484	54.13	Pk	32.8	-18.1	68.83	-	-	74	-5.17	256	372	V
3	* 2.484	34.34	RMS	32.8	-18.1	49.04	54	-4.96	-	-	256	372	V
4	* 2.484	34.88	RMS	32.8	-18.1	49.58	54	-4.42	-	-	256	372	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)**HORIZONTAL RESULT**

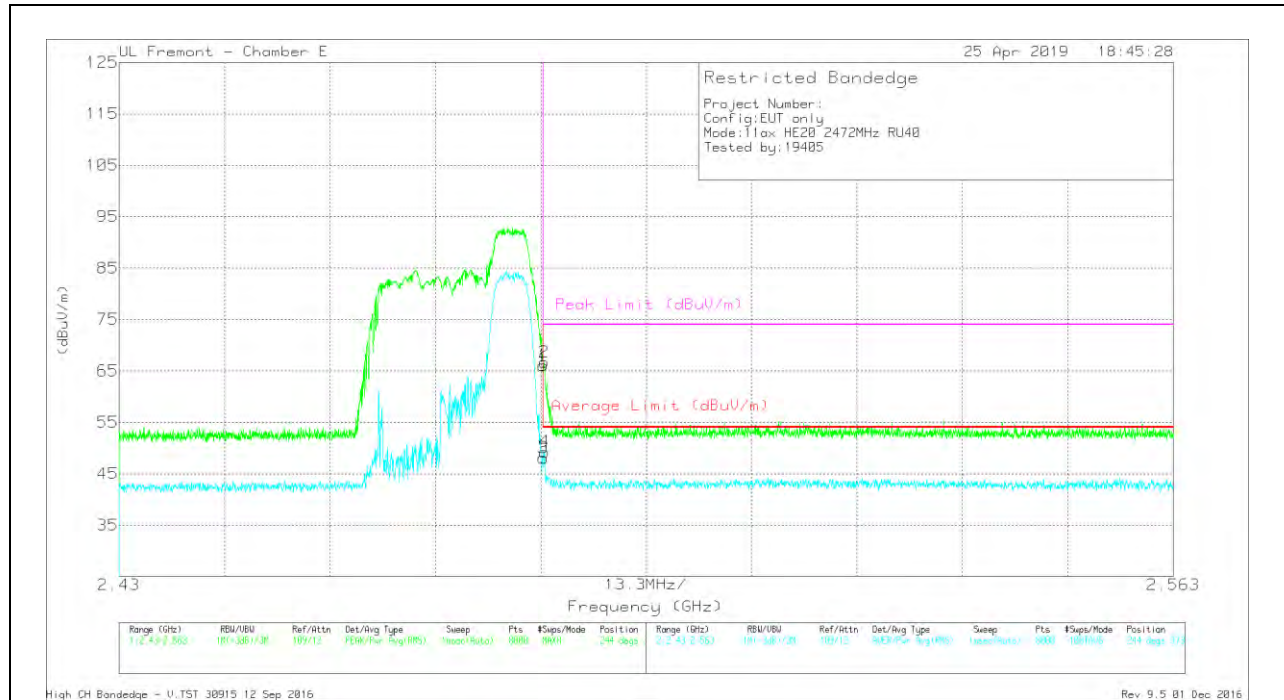
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.42	Pk	32.8	-18.1	67.12	-	-	74	-6.88	286	154	H
2	* 2.484	54.63	Pk	32.8	-18.1	69.33	-	-	74	-4.67	286	154	H
3	* 2.484	32.23	RMS	32.8	-18.1	46.93	54	-7.07	-	-	286	154	H
4	* 2.484	33.23	RMS	32.8	-18.1	47.93	54	-6.07	-	-	286	154	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

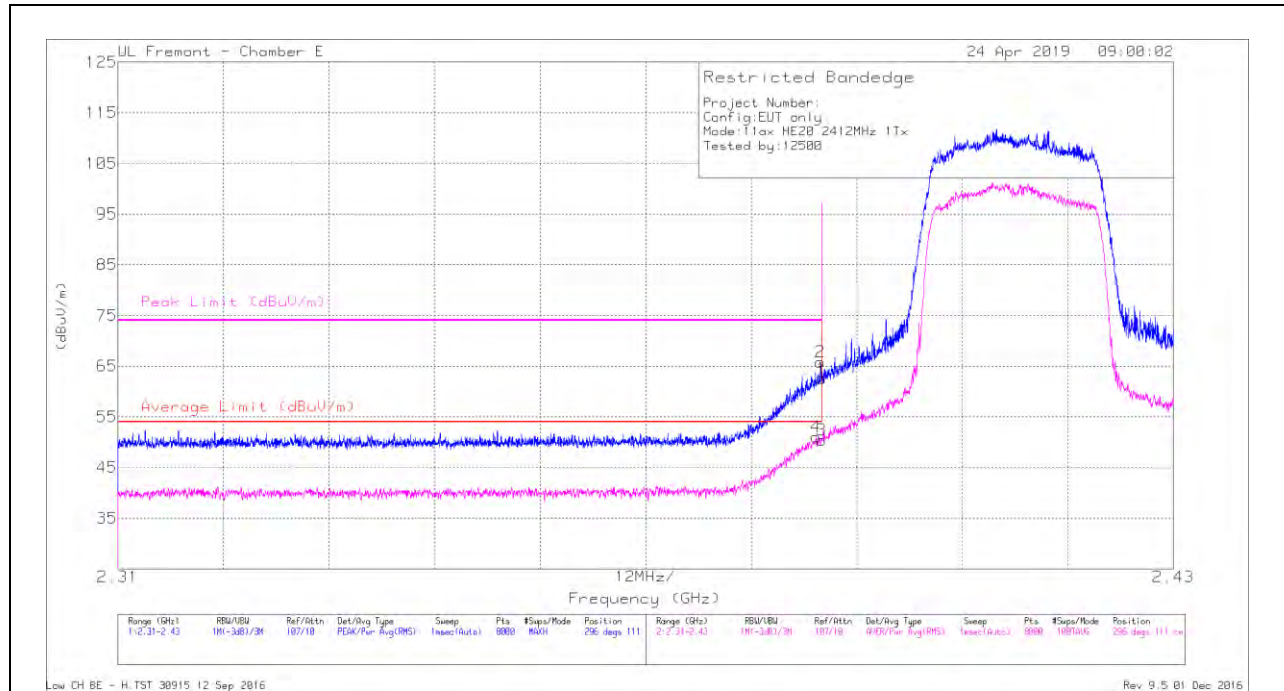


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.38	Pk	32.8	-18.1	66.08	-	-	74	-7.92	244	373	V
2	* 2.484	52.01	Pk	32.8	-18.1	66.71	-	-	74	-7.29	244	373	V
3	* 2.484	33.38	RMS	32.8	-18.1	48.08	54	-5.92	-	-	244	373	V
4	* 2.484	34.55	RMS	32.8	-18.1	49.25	54	-4.75	-	-	244	373	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 1)**HORIZONTAL RESULT**

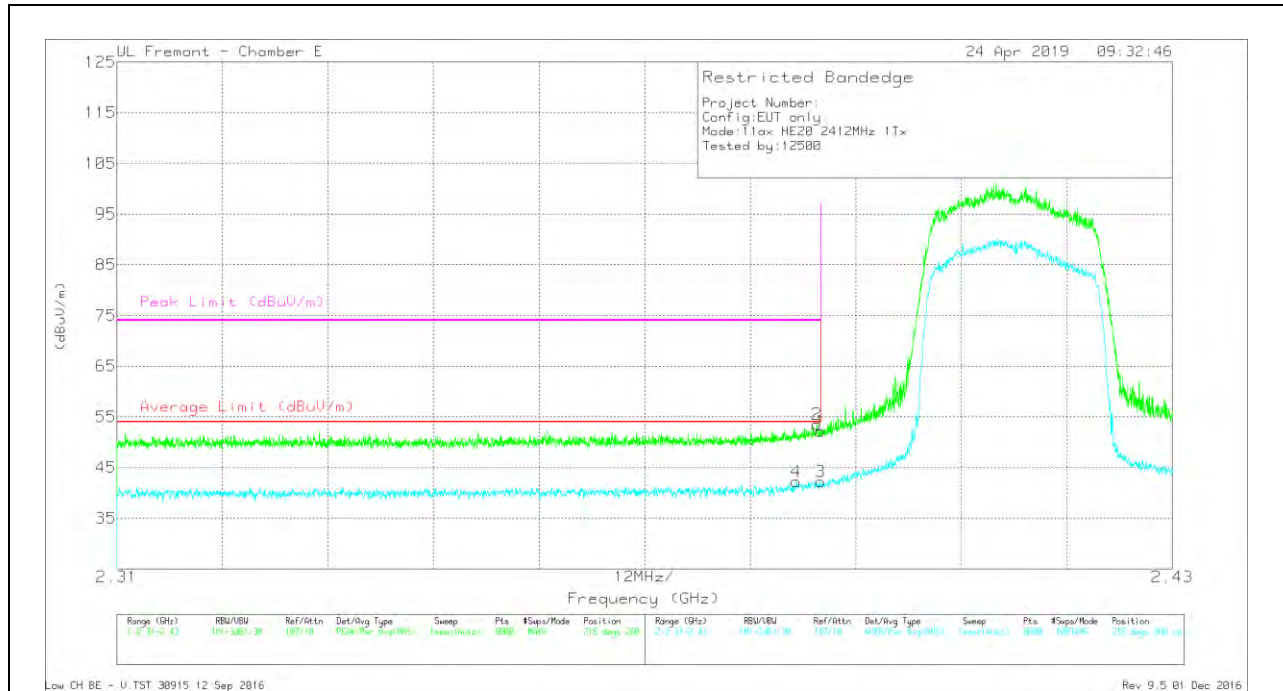
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	56.47	Pk	32.3	-26.2	62.57	-	-	74	-11.43	296	111	H
2	* 2.39	59.75	Pk	32.3	-26.2	65.85	-	-	74	-8.15	296	111	H
3	* 2.39	44.32	RMS	32.3	-26.2	50.42	54	-3.58	-	-	296	111	H
4	* 2.389	44.93	RMS	32.3	-26.2	51.03	54	-2.97	-	-	296	111	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

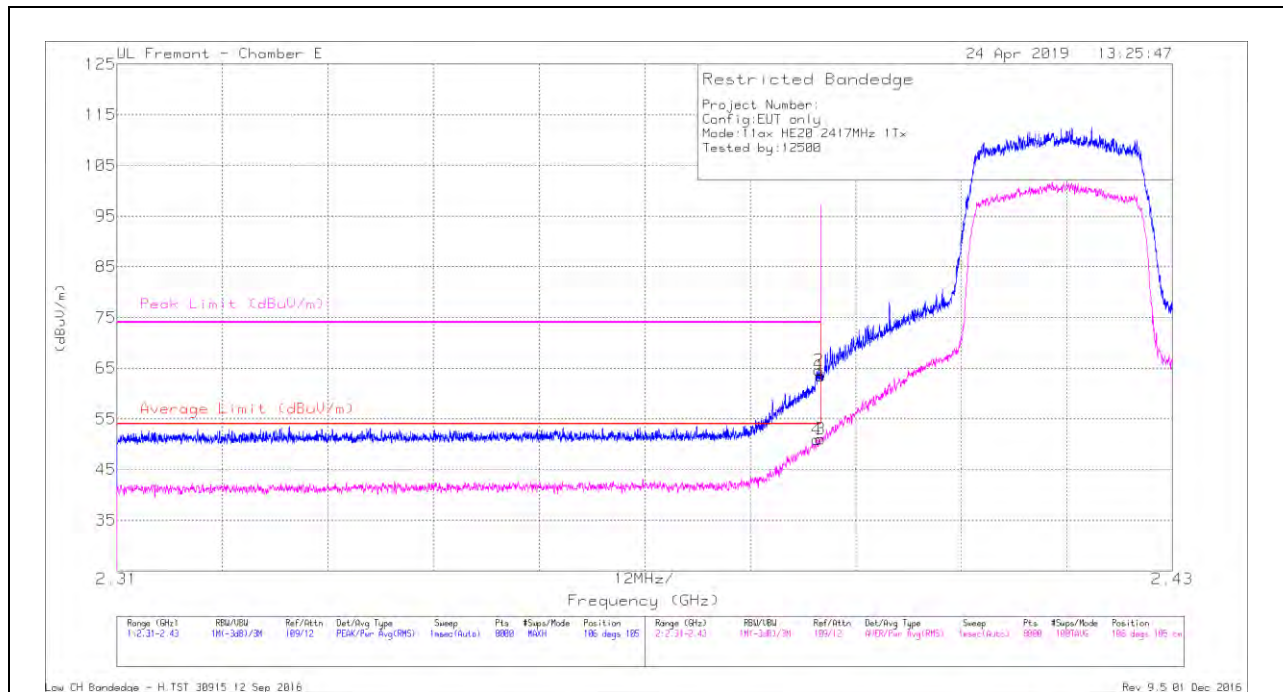


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.01	Pk	32.3	-26.2	52.11	-	-	74	-21.89	215	260	V
2	* 2.39	47.37	Pk	32.3	-26.2	53.47	-	-	74	-20.53	215	260	V
3	* 2.39	36.07	RMS	32.3	-26.2	42.17	54	-11.83	-	-	215	260	V
4	* 2.387	36.22	RMS	32.3	-26.3	42.22	54	-11.78	-	-	215	260	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

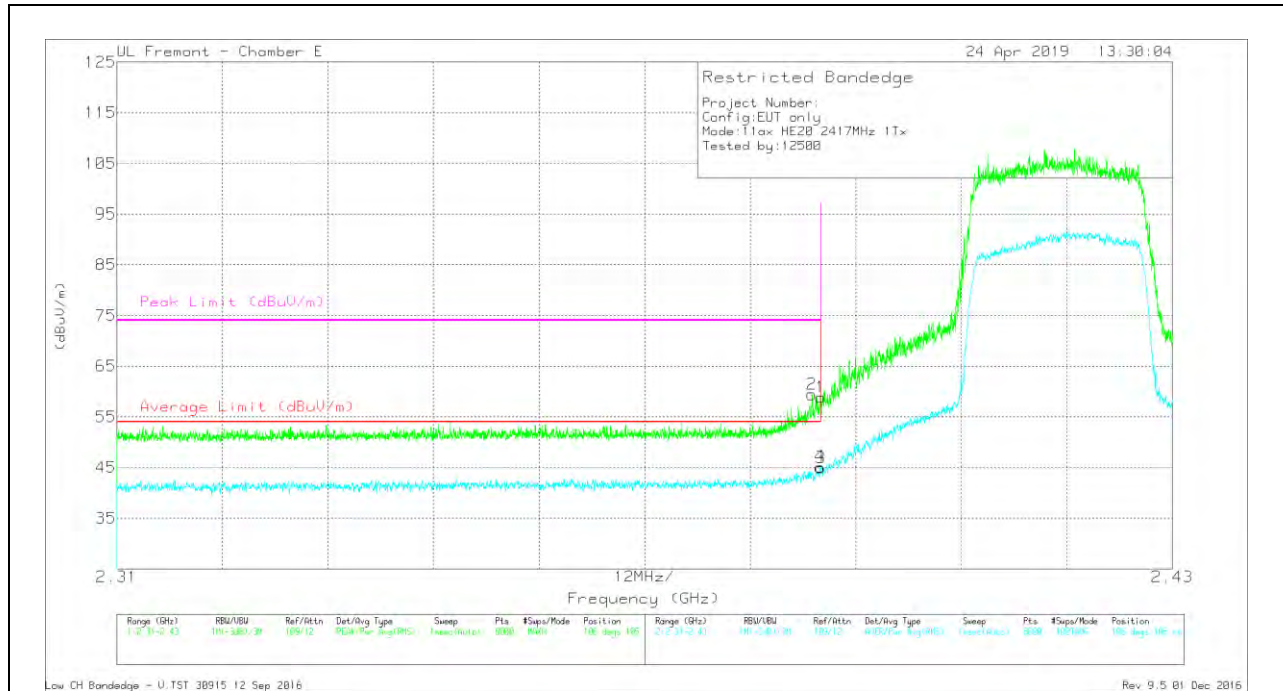
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.45	Pk	32.3	-18.3	63.45	-	-	74	-10.55	106	105	H
2	* 2.39	50.55	Pk	32.3	-18.3	64.55	-	-	74	-9.45	106	105	H
3	* 2.39	37.04	RMS	32.3	-18.3	51.04	54	-2.96	-	-	106	105	H
4	* 2.39	36.9	RMS	32.3	-18.3	50.9	54	-3.1	-	-	106	105	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

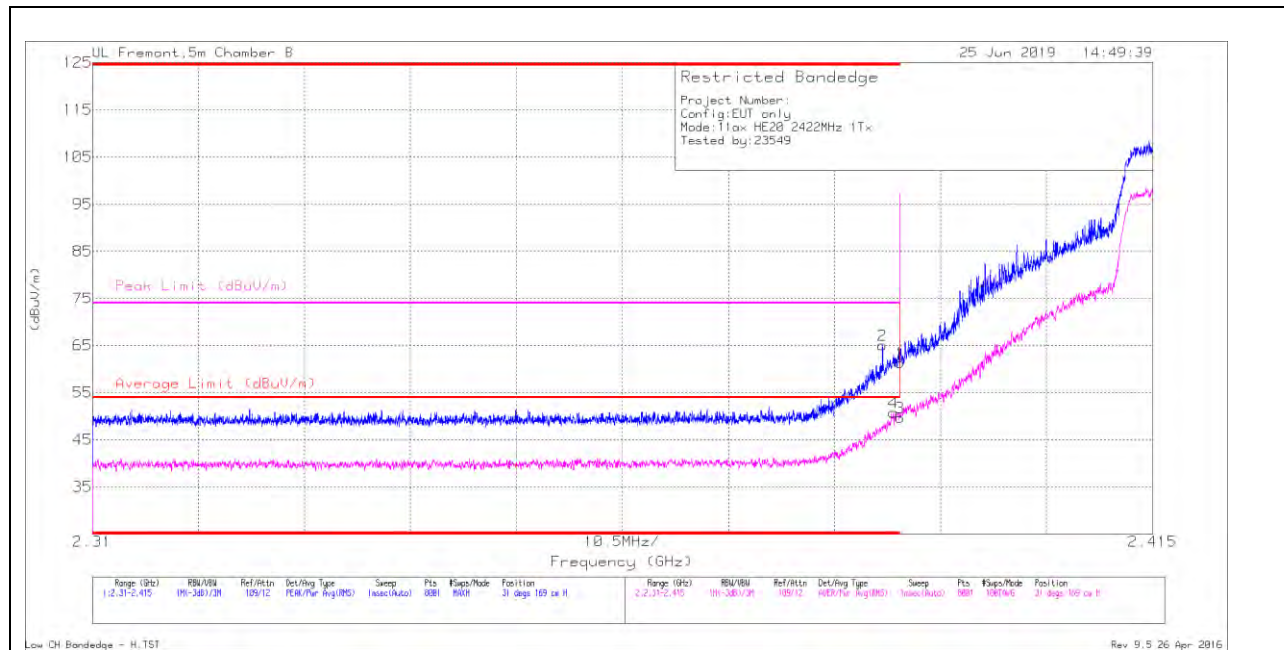


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.89	Pk	32.3	-18.3	58.89	-	-	74	-15.11	106	105	V
2	* 2.389	45.42	Pk	32.3	-18.3	59.42	-	-	74	-14.58	106	105	V
3	* 2.39	30.96	RMS	32.3	-18.3	44.96	54	-9.04	-	-	106	105	V
4	* 2.39	31.14	RMS	32.3	-18.3	45.14	54	-8.86	-	-	106	105	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)**HORIZONTAL RESULT**

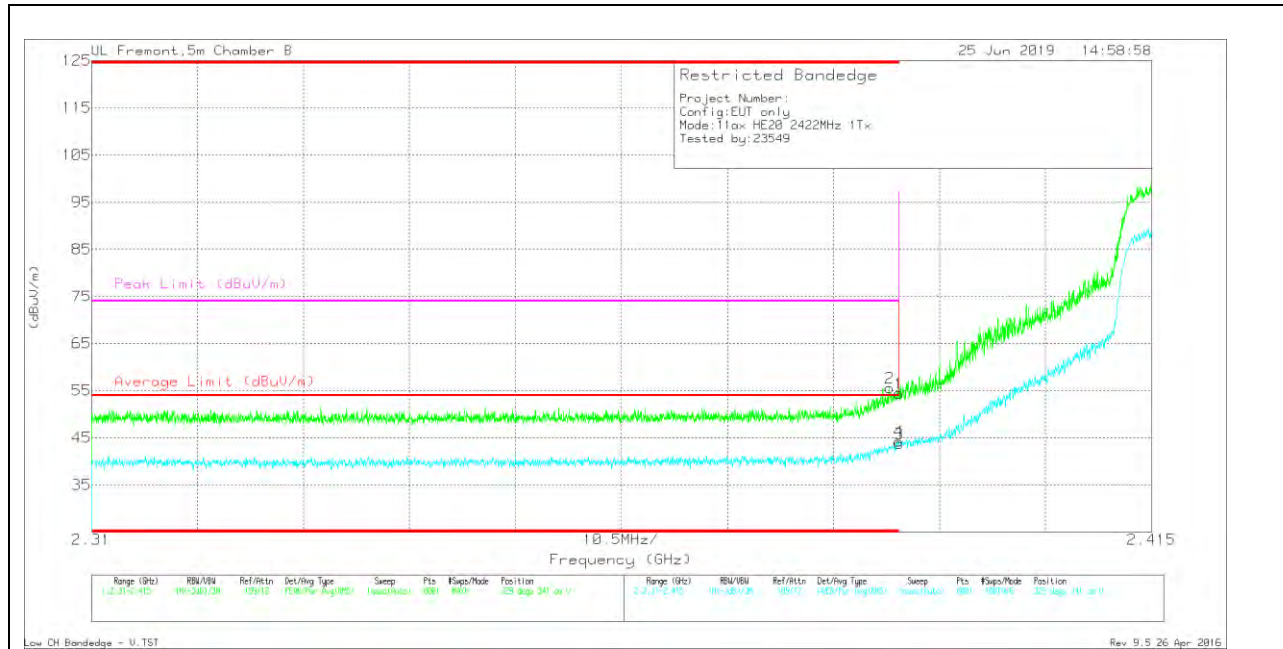
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.388	52.05	Pk	31.9	-18.9	65.05	-	-	74	-8.95	31	169	H
4	* 2.389	37.77	RMS	31.9	-18.9	50.77	54	-3.23	-	-	31	169	H
1	* 2.39	48.34	Pk	31.9	-18.9	61.34	-	-	74	-12.66	31	169	H
3	* 2.39	36.73	RMS	31.9	-18.9	49.73	54	-4.27	-	-	31	169	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

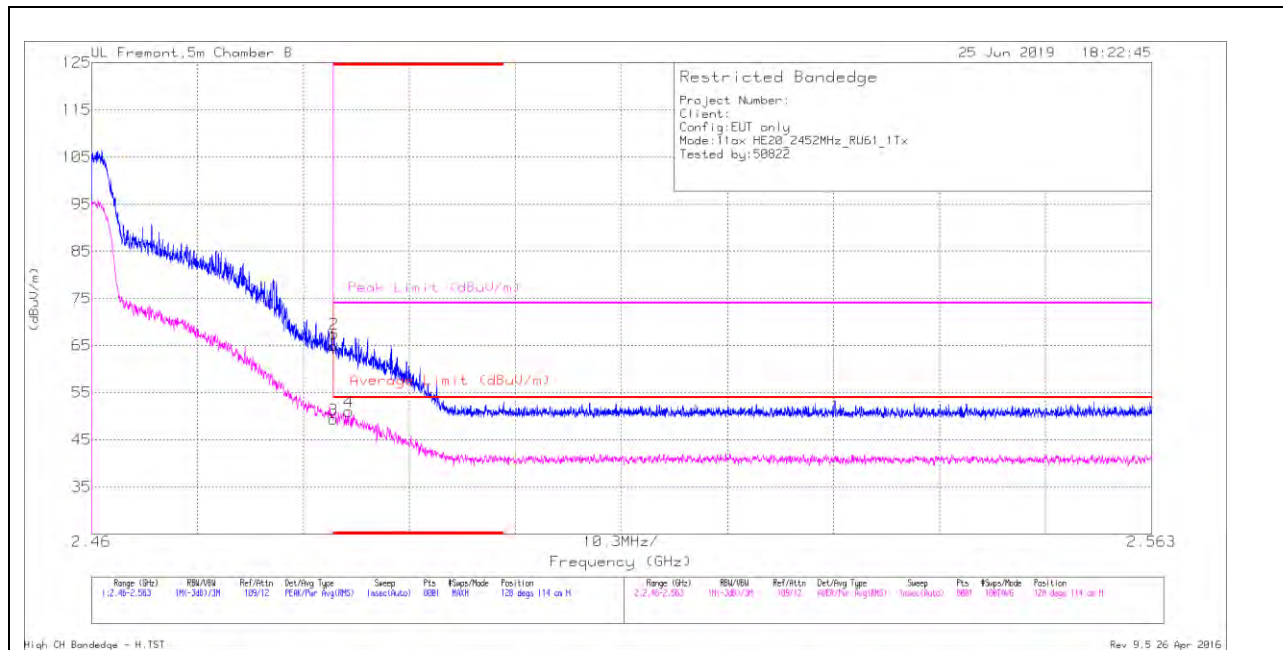


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.389	42.59	Pk	31.9	-18.9	55.59	-	-	74	-18.41	329	341	V
1	* 2.39	41.45	Pk	31.9	-18.9	54.45	-	-	74	-19.55	329	341	V
3	* 2.39	30.8	RMS	31.9	-18.9	43.8	54	-10.2	-	-	329	341	V
4	* 2.39	31.27	RMS	31.9	-18.9	44.27	54	-9.73	-	-	329	341	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/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.51	Pk	32.3	-18.9	64.91	-	-	74	-9.09	128	114	H
2	* 2.484	54.08	Pk	32.3	-18.9	67.48	-	-	74	-6.52	128	114	H
3	* 2.484	35.97	RMS	32.3	-18.9	49.37	54	-4.63	-	-	128	114	H
4	* 2.485	37.58	RMS	32.3	-18.9	50.98	54	-3.02	-	-	128	114	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont, 5m Chamber B

25 Jun 2019 18:34:58

Restricted Bandedge

Project Number:
Client:
Config: EUT only
Mode: ITax HE20_2452MHz_RU61_1Tx
Tested by: 50822

Peak Limit (dBuV/m)

Hybrid Limit (dBuV/m)

10.3MHz/
Frequency (GHz)

Range (Hz)	RIS/HR	Ref/Att	Det/Agc Type	Sweep	Pos	Flags/Mode	Position	Range (Hz)	RIS/HR	Ref/Att	Det/Agc Type	Sweep	Pos	Flags/Mode	Position
1.0E+05	100/240/20	070/12	PL/AB/Pre Avg (RMS)	10000000	000	000	10.3MHz 270 dB V	2.0E+05	100/240/20	070/12	PL/AB/Pre Avg (RMS)	10000000	000	000	10.3MHz 270 dB V

High CH Bandedge - U-TST

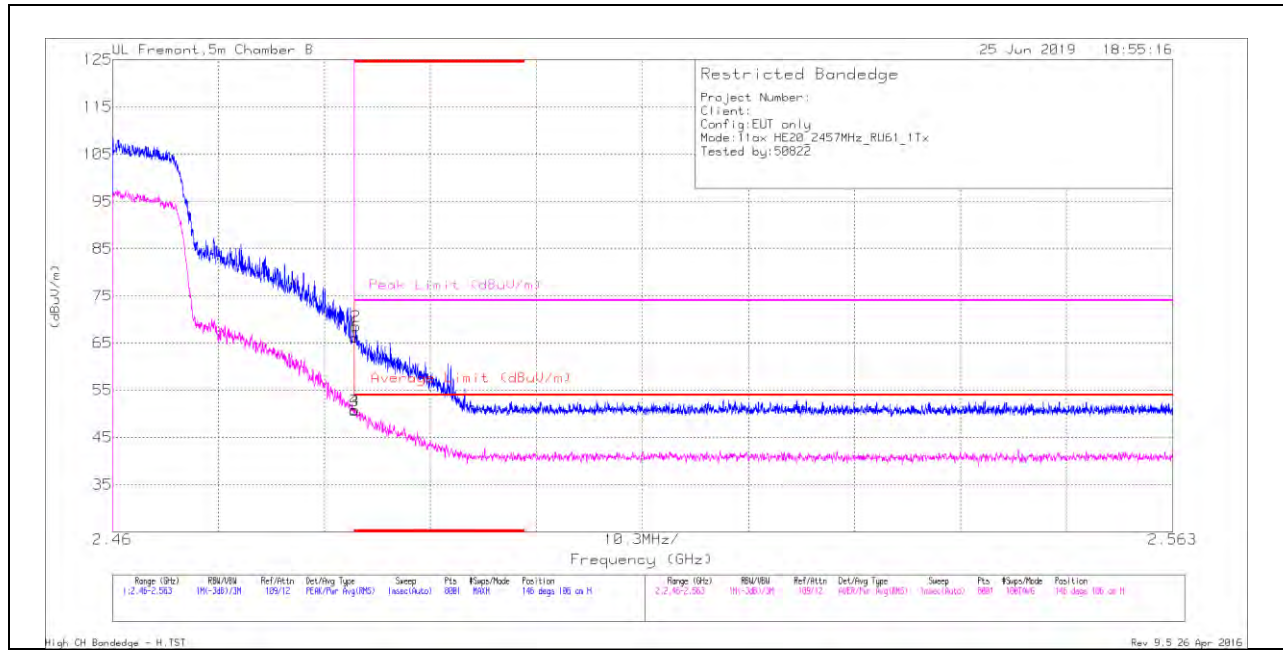
Rev 9.5 26 Apr 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/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	48.83	Pk	32.3	-18.9	62.23	-	-	74	-11.77	106	379	V
2	* 2.484	50.4	Pk	32.3	-18.9	63.8	-	-	74	-10.2	106	379	V
3	* 2.484	33.9	RMS	32.3	-18.9	47.3	54	-6.7	-	-	106	379	V
4	* 2.484	35.1	RMS	32.3	-18.9	48.5	54	-5.5	-	-	106	379	V

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



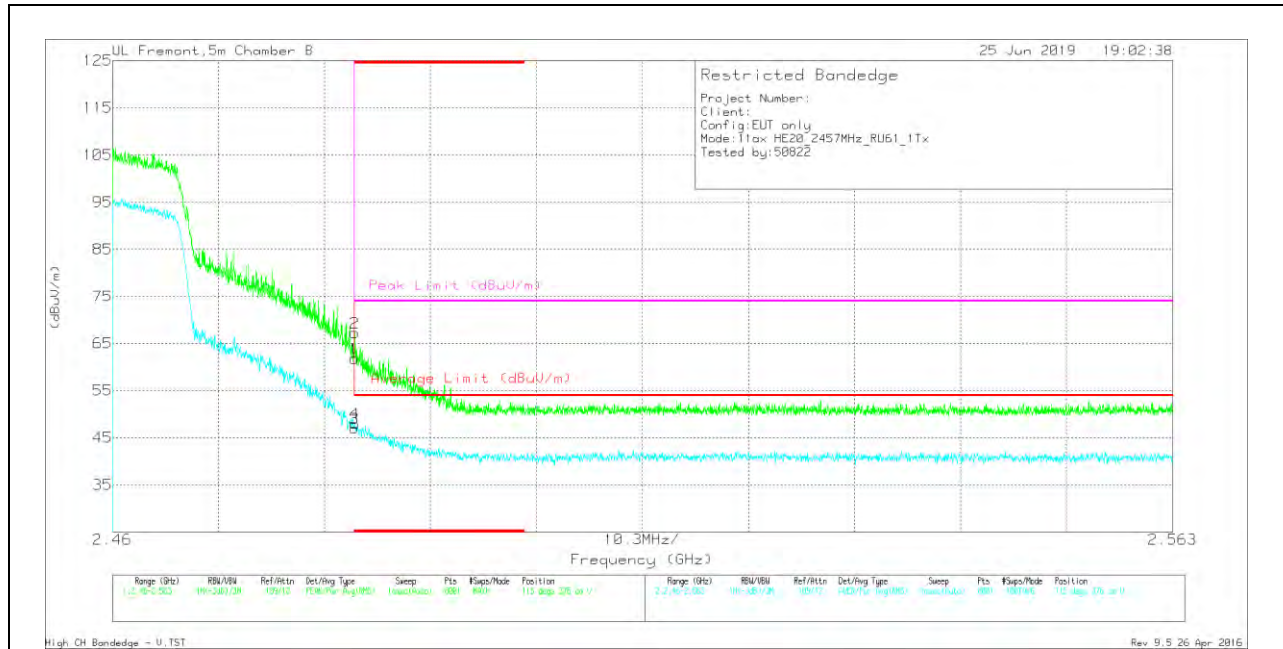
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.77	Pk	32.3	-18.9	66.17	-	-	74	-7.83	146	106	H
2	* 2.484	55.17	Pk	32.3	-18.9	68.57	-	-	74	-5.43	146	106	H
3	* 2.484	37.26	RMS	32.3	-18.9	50.66	54	-3.34	-	-	146	106	H
4	* 2.484	37.5	RMS	32.3	-18.9	50.9	54	-3.1	-	-	146	106	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

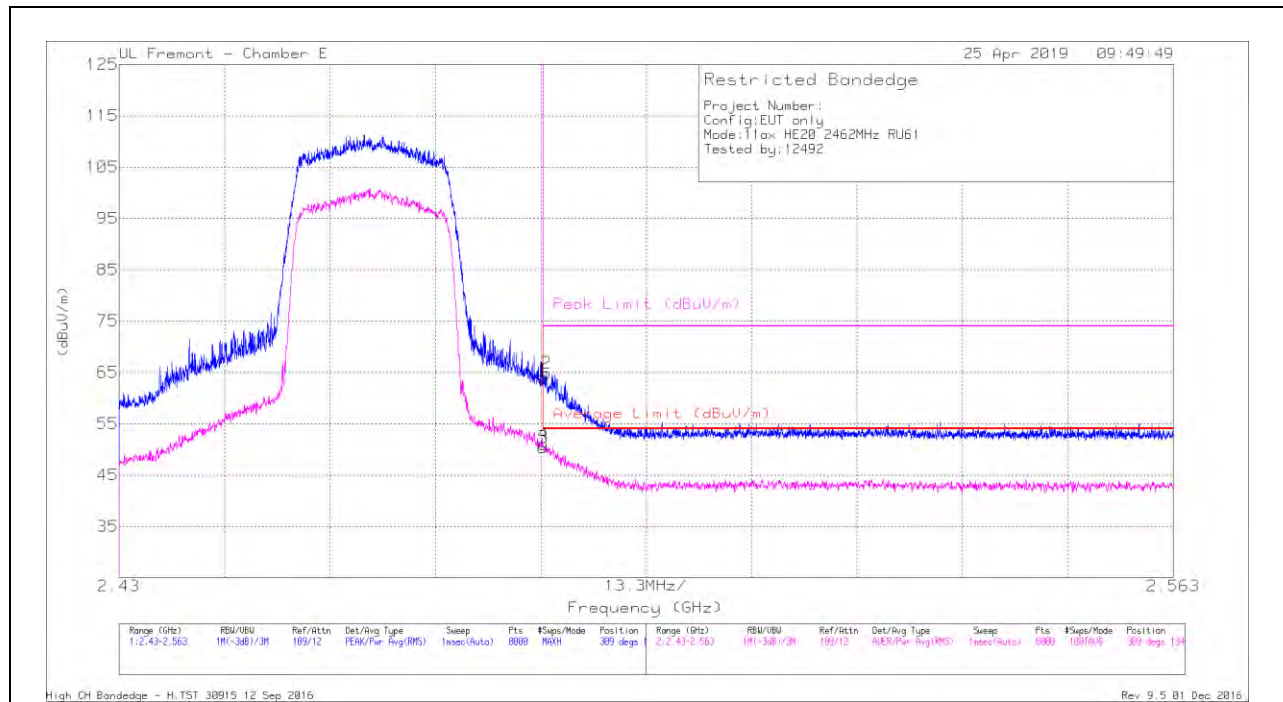


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.41	Pk	32.3	-18.9	61.81	-	-	74	-12.19	115	376	V
2	* 2.484	53.87	Pk	32.3	-18.9	67.27	-	-	74	-6.73	115	376	V
3	* 2.484	33.63	RMS	32.3	-18.9	47.03	54	-6.97	-	-	115	376	V
4	* 2.484	34.63	RMS	32.3	-18.9	48.03	54	-5.97	-	-	115	376	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 T119 (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	49.26	Pk	32.8	-18.1	63.96	-	-	74	-10.04	309	134	H
2	* 2.484	50.19	Pk	32.8	-18.1	64.89	-	-	74	-9.11	309	134	H
3	* 2.484	35.67	RMS	32.8	-18.1	50.37	54	-3.63	-	-	309	134	H
4	* 2.484	36.31	RMS	32.8	-18.1	51.01	54	-2.99	-	-	309	134	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber E

25 Apr 2019 09:54:20

Restricted Bandedge

Project Number:
Config: EUT only
Mode: T1ax HE20 2462MHz RU61
Tested by: 12492

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

Frequency (GHz)

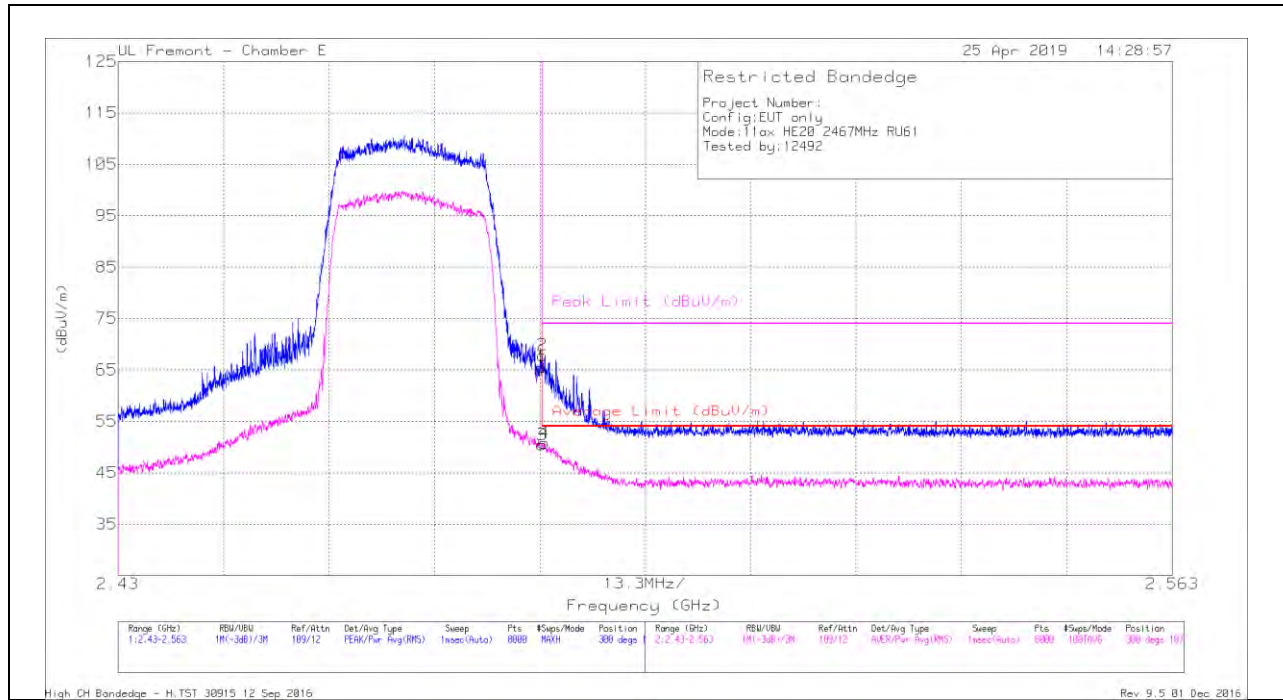
Range (GHz) 1.243 2.563
RBW/VBW 100/300/100
Ref/Att'n 109/12
Det/Avg Type Peak/Avg (RMS)
Sweep 1000/1000
Pts 8000
#Sps/Mode 8000
Position 300 deg 130

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/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	40.96	Pk	32.8	-18.1	55.66	-	-	74	-18.34	309	134	V
2	* 2.484	43.8	Pk	32.8	-18.1	58.5	-	-	74	-15.5	309	134	V
3	* 2.484	28.59	RMS	32.8	-18.1	43.29	54	-10.71	-	-	309	134	V
4	2.511	29.6	RMS	32.9	-18.1	44.4	54	-9.6	-	-	309	134	V

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/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	50.8	Pk	32.8	-18.1	65.5	-	-	74	-8.5	300	107	H
2	* 2.484	53.16	Pk	32.8	-18.1	67.86	-	-	74	-6.14	300	107	H
3	* 2.484	35.75	RMS	32.8	-18.1	50.45	54	-3.55	-	-	300	107	H
4	* 2.484	36.07	RMS	32.8	-18.1	50.77	54	-3.23	-	-	300	107	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber E

25 Apr 2019 14:36:29

Restricted Bandedge

Project Number:
Config: EUT only
Mode: T1ax HE20 2467MHz RU61
Tested by: 12492

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

13.3MHz/
Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/Att	Det/Avg Type	Sweep	Pts	#Spts/Mode	Position	Range (GHz)	RBW/VBW	Ref/Att	Det/Avg Type	Sweep	Pts	#Spts/Mode	Position
1.243-2.563	100/300/100	100/12	Peak/Avg	Max(Hz)	8000	8000	800 degs	2.243-2.563	100/300/100	100/12	Peak/Avg	Max(Hz)	8000	8000	800 degs

High Q Bandedge - U.TST 30915 12 Sep 2016

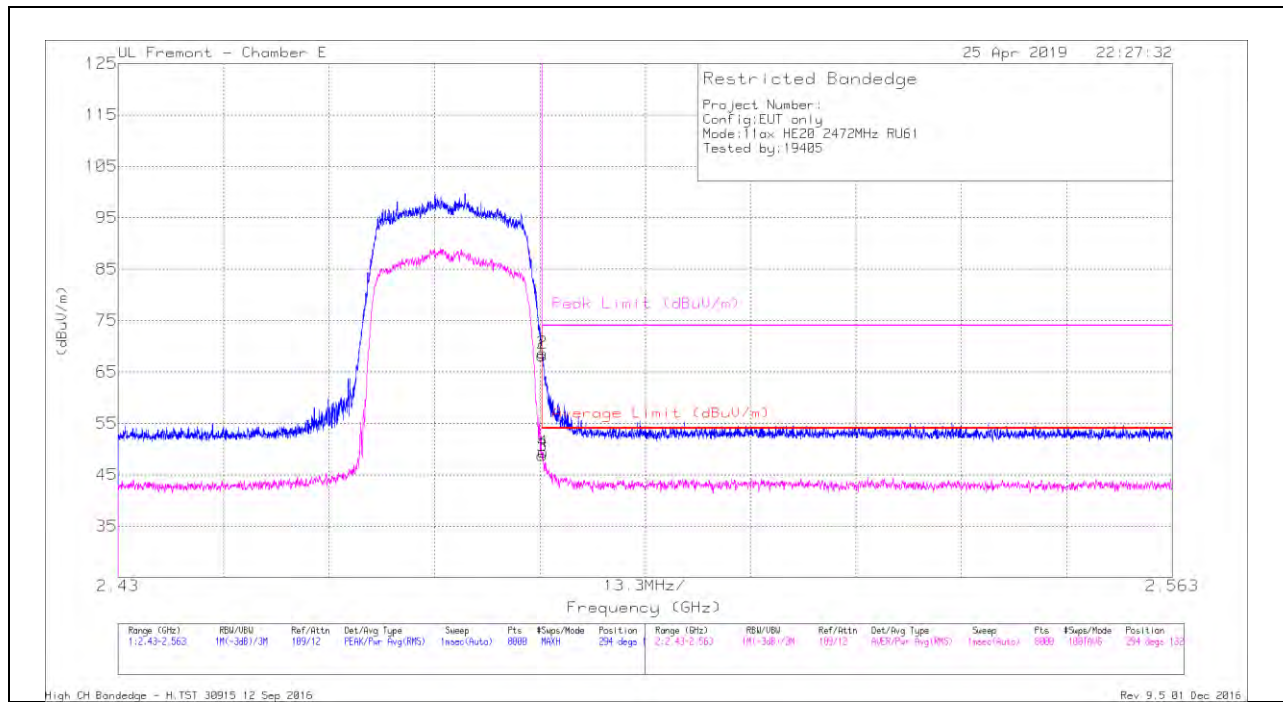
Rev 9.5 81 Dec 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBf/m)	Amp/Cbl/Ftr/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	46.21	Pk	32.8	-18.1	60.91	-	-	74	-13.09	300	107	V
2	* 2.485	46.71	Pk	32.8	-18.1	61.41	-	-	74	-12.59	300	107	V
3	* 2.484	29.36	RMS	32.8	-18.1	44.06	54	-9.94	-	-	300	107	V
4	* 2.484	30.34	RMS	32.8	-18.1	45.04	54	-8.96	-	-	300	107	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



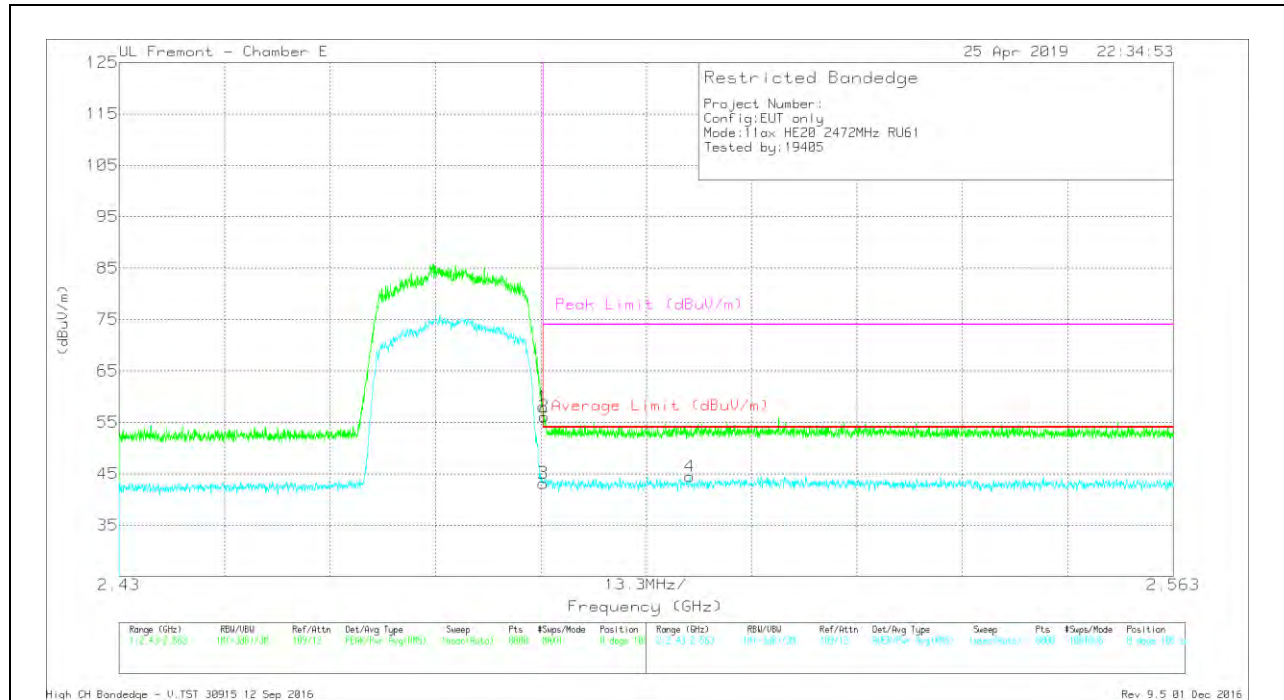
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.52	Pk	32.8	-18.1	68.22	-	-	74	-5.78	294	132	H
2	* 2.484	54	Pk	32.8	-18.1	68.7	-	-	74	-5.3	294	132	H
3	* 2.484	34.04	RMS	32.8	-18.1	48.74	54	-5.26	-	-	294	132	H
4	* 2.484	34.73	RMS	32.8	-18.1	49.43	54	-4.57	-	-	294	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	AFT119 (dB/m)	Amp/Cbl/Ftr/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	43.31	Pk	32.8	-18.1	58.01	-	-	74	-15.99	8	105	V
2	* 2.484	41.41	Pk	32.8	-18.1	56.11	-	-	74	-17.89	8	105	V
3	* 2.484	28.45	RMS	32.8	-18.1	43.15	54	-10.85	-	-	8	105	V
4	2.502	29.76	RMS	32.9	-18.2	44.46	54	-9.54	-	-	8	105	V

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

Pk - Peak detector

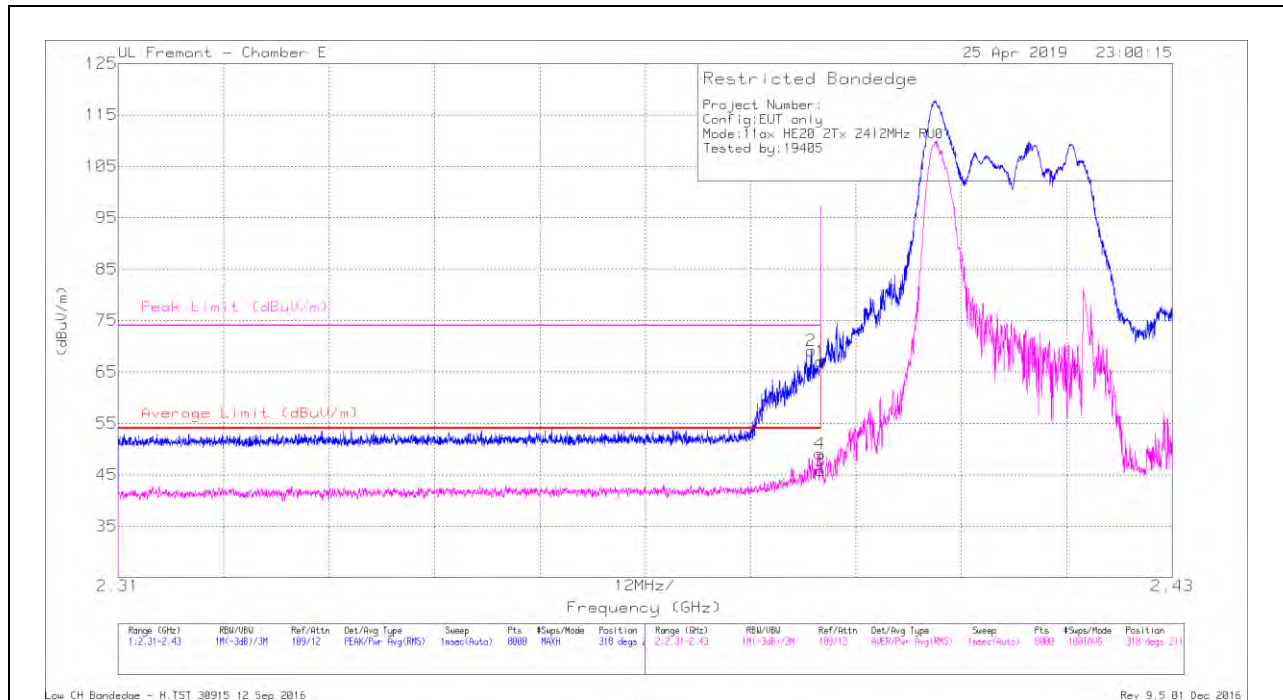
RMS - RMS detection

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

2TX ANTENNA 2 + ANTENNA 5 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



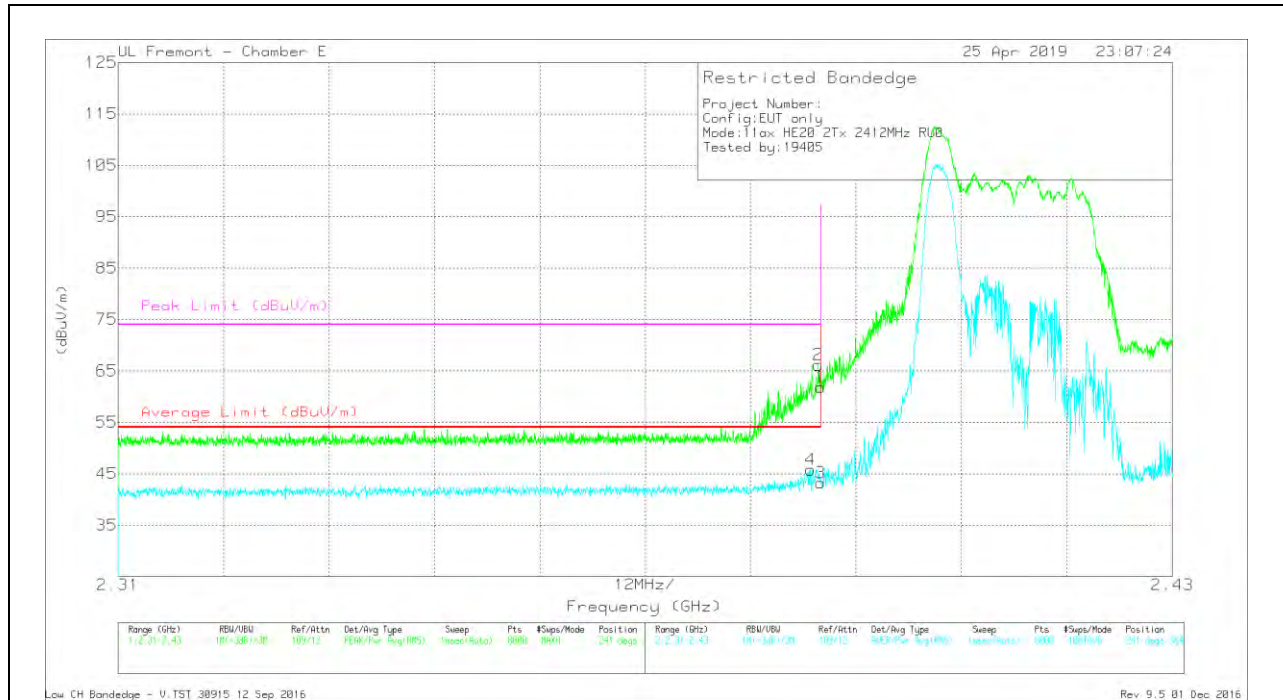
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.04	Pk	32.3	-18.3	67.04	-	-	74	-6.96	318	211	H
2	* 2.389	55.13	Pk	32.3	-18.3	69.13	-	-	74	-4.87	318	211	H
3	* 2.39	31.78	RMS	32.3	-18.3	45.78	54	-8.22	-	-	318	211	H
4	* 2.39	35.1	RMS	32.3	-18.3	49.1	54	-4.9	-	-	318	211	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

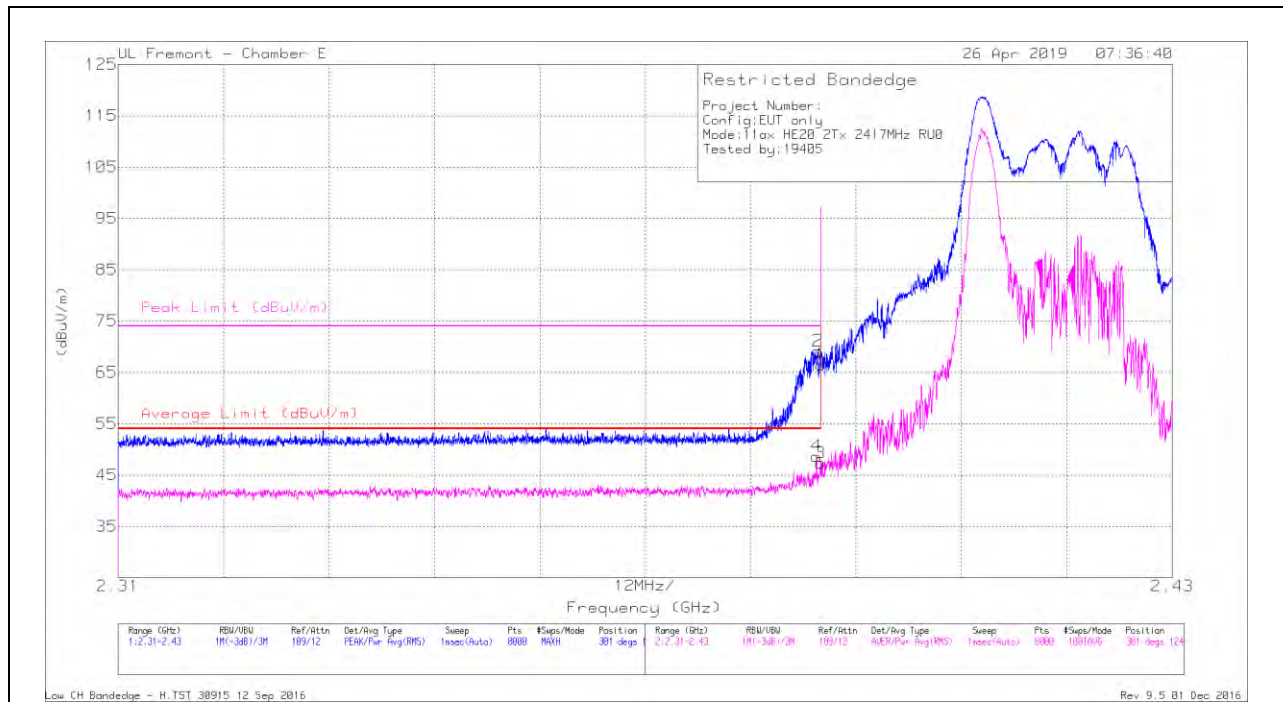


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.85	Pk	32.3	-18.3	61.85	-	-	74	-12.15	241	364	V
2	* 2.39	52.17	Pk	32.3	-18.3	66.17	-	-	74	-7.83	241	364	V
3	* 2.39	29.22	RMS	32.3	-18.3	43.22	54	-10.78	-	-	241	364	V
4	* 2.389	31.77	RMS	32.3	-18.3	45.77	54	-8.23	-	-	241	364	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

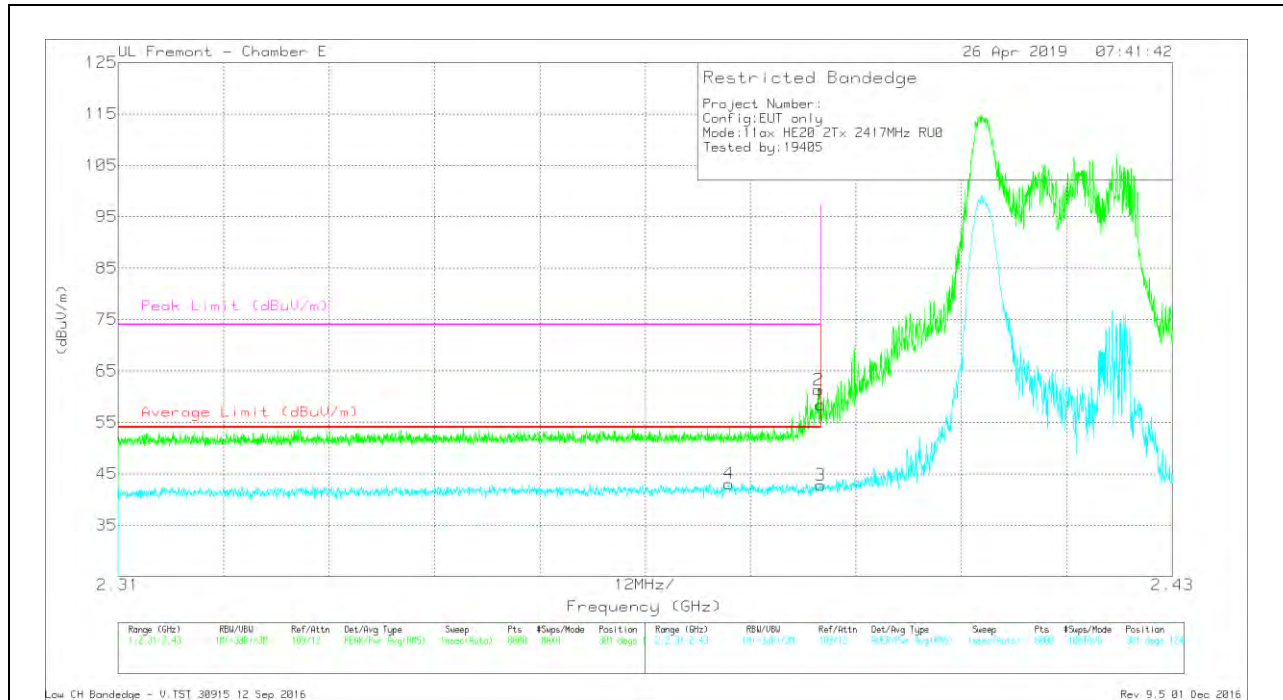
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.5	Pk	32.3	-18.3	66.5	-	-	74	-7.5	301	124	H
2	* 2.39	55.16	Pk	32.3	-18.3	69.16	-	-	74	-4.84	301	124	H
3	* 2.39	33.35	RMS	32.3	-18.3	47.35	54	-6.65	-	-	301	124	H
4	* 2.39	34.66	RMS	32.3	-18.3	48.66	54	-5.34	-	-	301	124	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 T119 (dB/m)	Amp/Cb/Filt/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	* 2.39	44.37	Pk	32.3	-18.3	58.37	-	-	74	-15.63	301	124	V
2	* 2.39	47.3	Pk	32.3	-18.3	61.3	-	-	74	-12.7	301	124	V
3	* 2.39	28.78	RMS	32.3	-18.3	42.78	54	-11.22	-	-	301	124	V
4	* 2.38	29.16	RMS	32.2	-18.3	43.06	54	-10.94	-	-	301	124	V

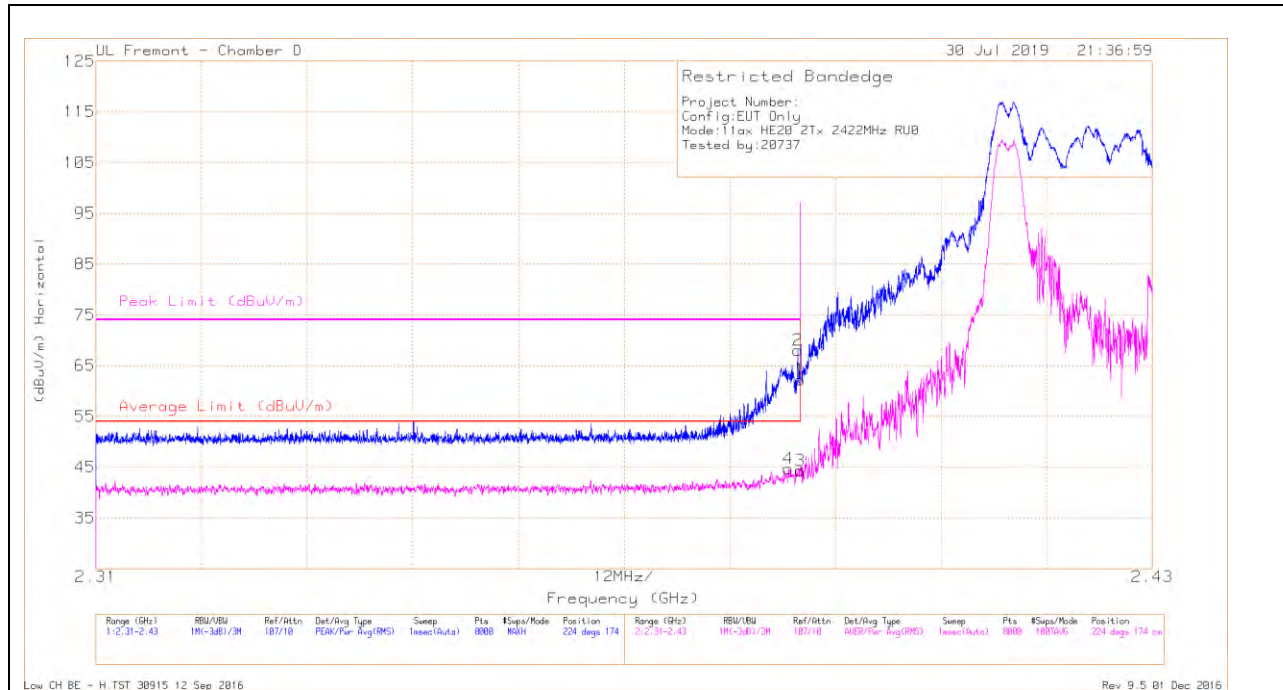
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



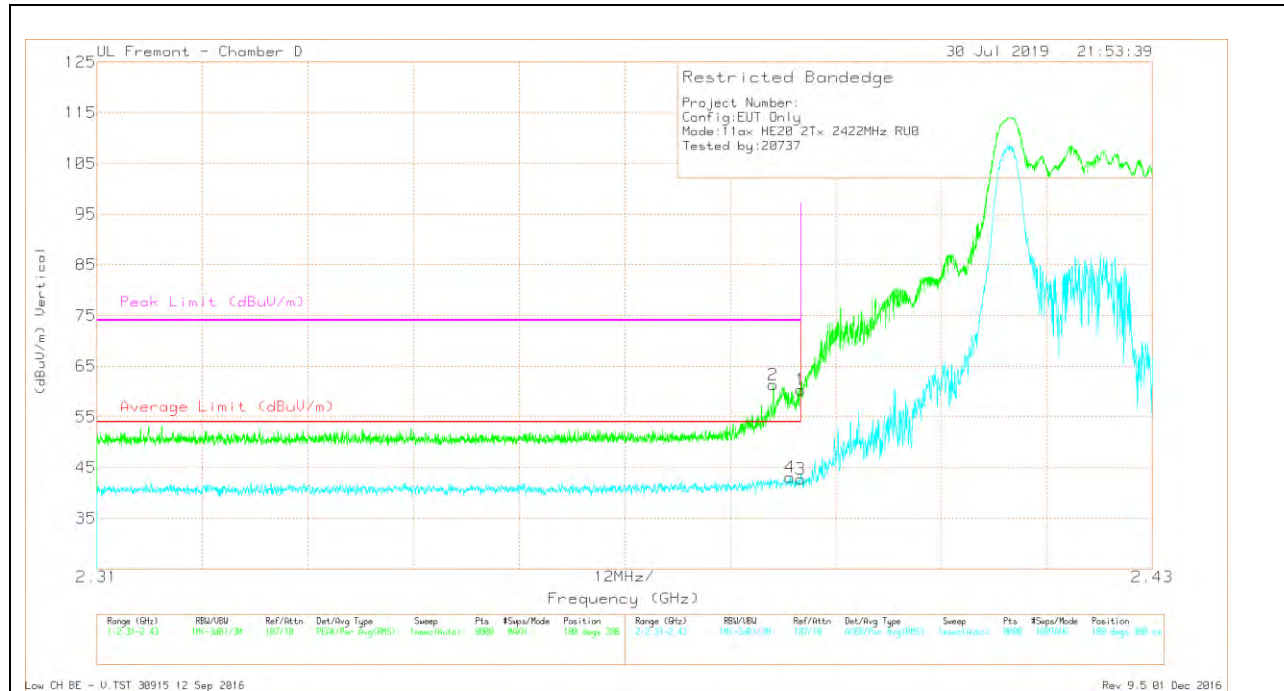
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.8	Pk	32	-20.6	62.2	-	-	74	-11.8	224	174	H
2	* 2.39	56.63	Pk	32	-20.6	68.03	-	-	74	-5.97	224	174	H
3	* 2.39	32.98	RMS	32	-20.6	44.38	54	-9.62	-	-	224	174	H
4	* 2.389	33.3	RMS	32	-20.6	44.7	54	-9.3	-	-	224	174	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

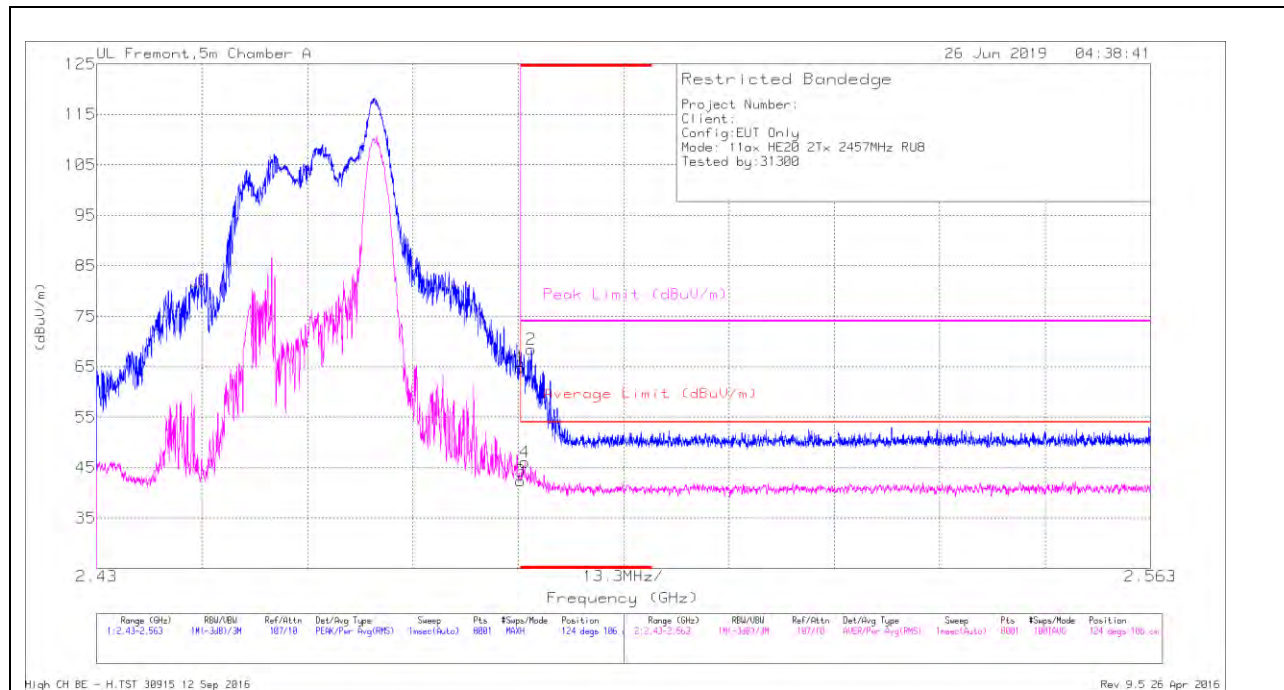


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.96	Pk	32	-20.6	60.36	-	-	74	-13.64	180	388	V
2	* 2.387	50.09	Pk	32	-20.7	61.39	-	-	74	-12.61	180	388	V
3	* 2.39	31.29	RMS	32	-20.6	42.69	54	-11.31	-	-	180	388	V
4	* 2.389	31.69	RMS	32	-20.6	43.09	54	-10.91	-	-	180	388	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 T346 (dB/m)	Amp/Cb/Fltr/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	54.34	Pk	32.6	-22.1	64.84	-	-	74	-9.16	124	106	H
3	* 2.484	31.82	RMS	32.6	-22.1	42.32	54	-11.68	-	-	124	106	H
4	* 2.484	35.58	RMS	32.6	-22.1	46.08	54	-7.92	-	-	124	106	H
2	* 2.485	57.91	Pk	32.6	-22.1	68.41	-	-	74	-5.59	124	106	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont, 5m Chamber A

26 Jun 2019 04:47:11

Restricted Bandedge

Project Number:
Client:
Config: EUT Only
Mode: 1Tx HE20 2Tx 2457MHz RUB
Tested by: 31300

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

Frequency (GHz)

Range (GHz) RBU/BU Ref/Alt In Det/Avg Type Sweep Pts #Sigs/Mode Position
1.243-2.563 115/75/30 107/10 1000/1000 Avg (RMS) 1000 1000 1000/1000 270 page 30 of 30

Range (GHz) RBU/BU Ref/Alt In Det/Avg Type Sweep Pts #Sigs/Mode Position
2.1543-2.563 115/75/30 107/10 1000/1000 Avg (RMS) 1000 1000 1000/1000 270 page 30 of 30

High CH BE - U.TST 30915 12 Sep 2016

Rev 9.5 26 Apr 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/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	51.77	Pk	32.6	-22.1	62.27	-	-	74	-11.73	278	367	V
2	* 2.484	54.19	Pk	32.6	-22.1	64.69	-	-	74	-9.31	278	367	V
3	* 2.484	31.61	RMS	32.6	-22.1	42.11	54	-11.89	-	-	278	367	V
4	* 2.484	36.44	RMS	32.6	-22.1	46.94	54	-7.06	-	-	278	367	V

RMS - RMS detection