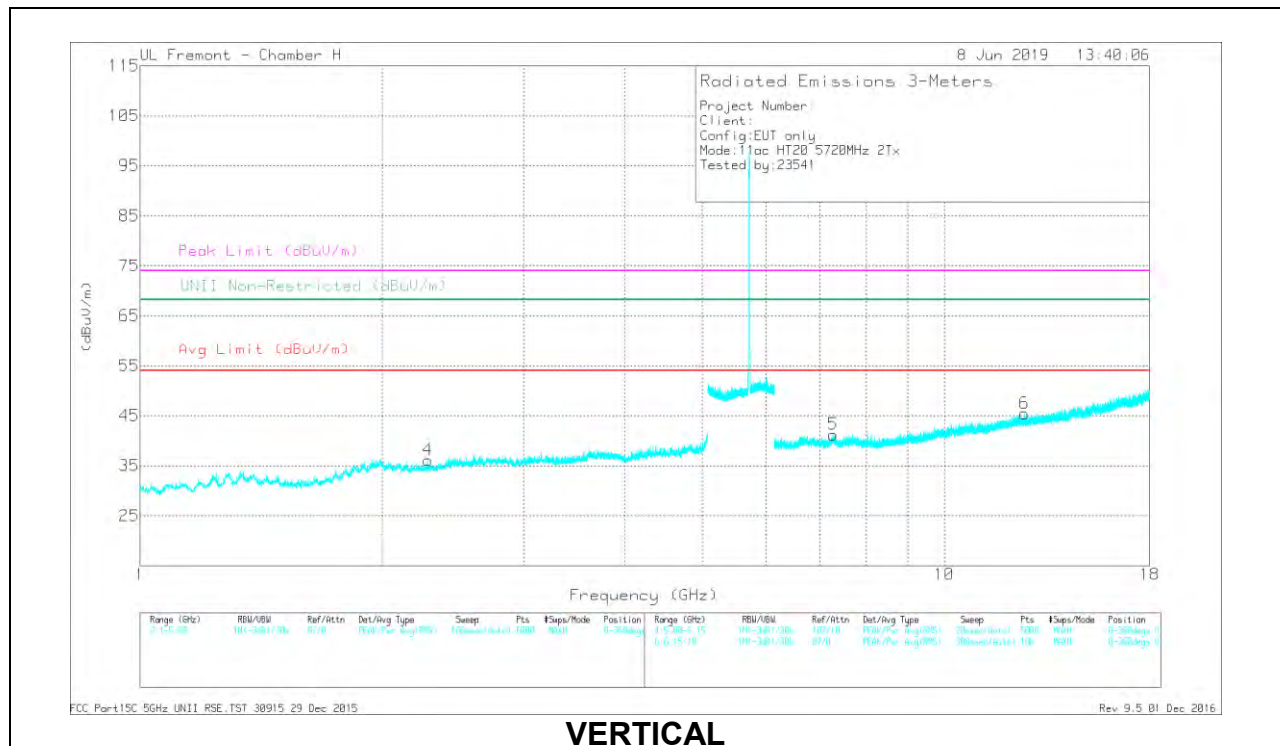
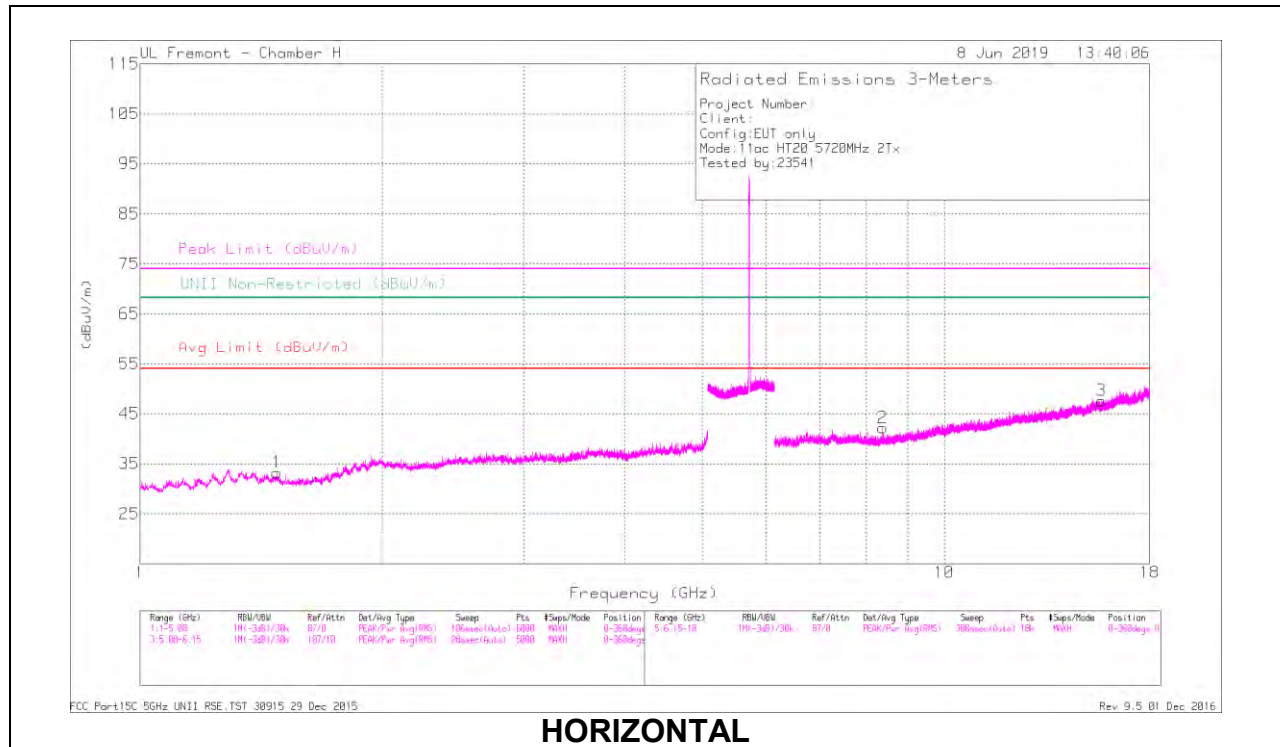


CHANNEL 144 RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.478	45.11	PK-U	28.4	-32.9	0	40.61	-	-	74	-33.39	-	-	23	379	H
	* 1.477	32.62	ADR	28.4	-32.9	0	28.12	54	-25.88	-	-	-	-	23	379	H
4	* 2.277	43.19	PK-U	31.3	-32	0	42.49	-	-	74	-31.51	-	-	170	158	V
	* 2.279	31.19	ADR	31.3	-31.9	0	30.59	54	-23.41	-	-	-	-	170	158	V
2	* 8.385	38.06	PK-U	35.9	-26	0	47.96	-	-	74	-26.04	-	-	286	354	H
	* 8.386	26.02	ADR	35.9	-26.1	0	35.82	54	-18.18	-	-	-	-	286	354	H
3	* 15.682	35.79	PK-U	40.6	-22.7	0	53.69	-	-	74	-20.31	-	-	133	349	H
	* 15.683	24.31	ADR	40.6	-22.7	0	42.21	54	-11.79	-	-	-	-	133	349	H
5	* 7.279	38.51	PK-U	36.3	-26.3	0	48.51	-	-	74	-25.49	-	-	75	214	V
	* 7.277	26.38	ADR	36.3	-26.2	0	36.48	54	-17.52	-	-	-	-	75	214	V
6	* 12.579	35.45	PK-U	39.2	-23	0	51.65	-	-	74	-22.35	-	-	15	356	V
	* 12.578	23.87	ADR	39.2	-23	0	40.07	54	-13.93	-	-	-	-	15	356	V

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

PK-U - U-NII: Maximum Peak

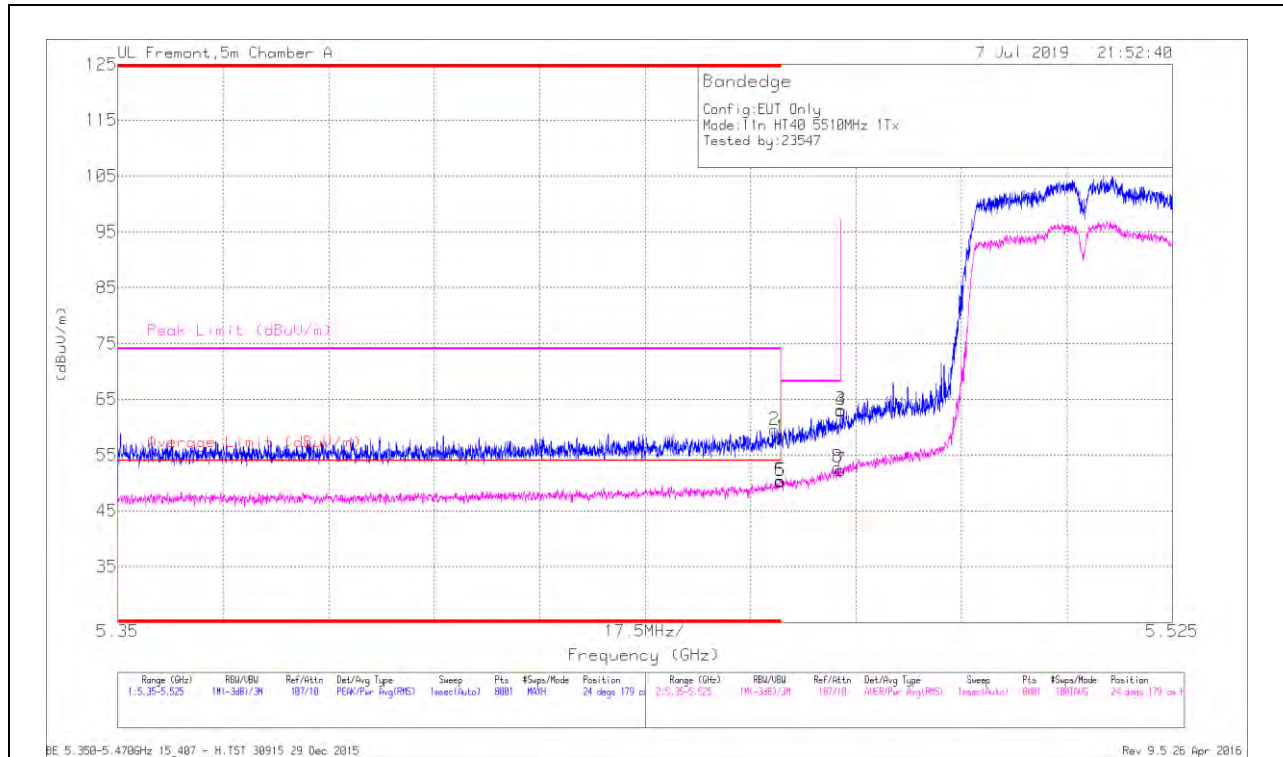
ADR - U-NII AD primary method, RMS average

1.1.14. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



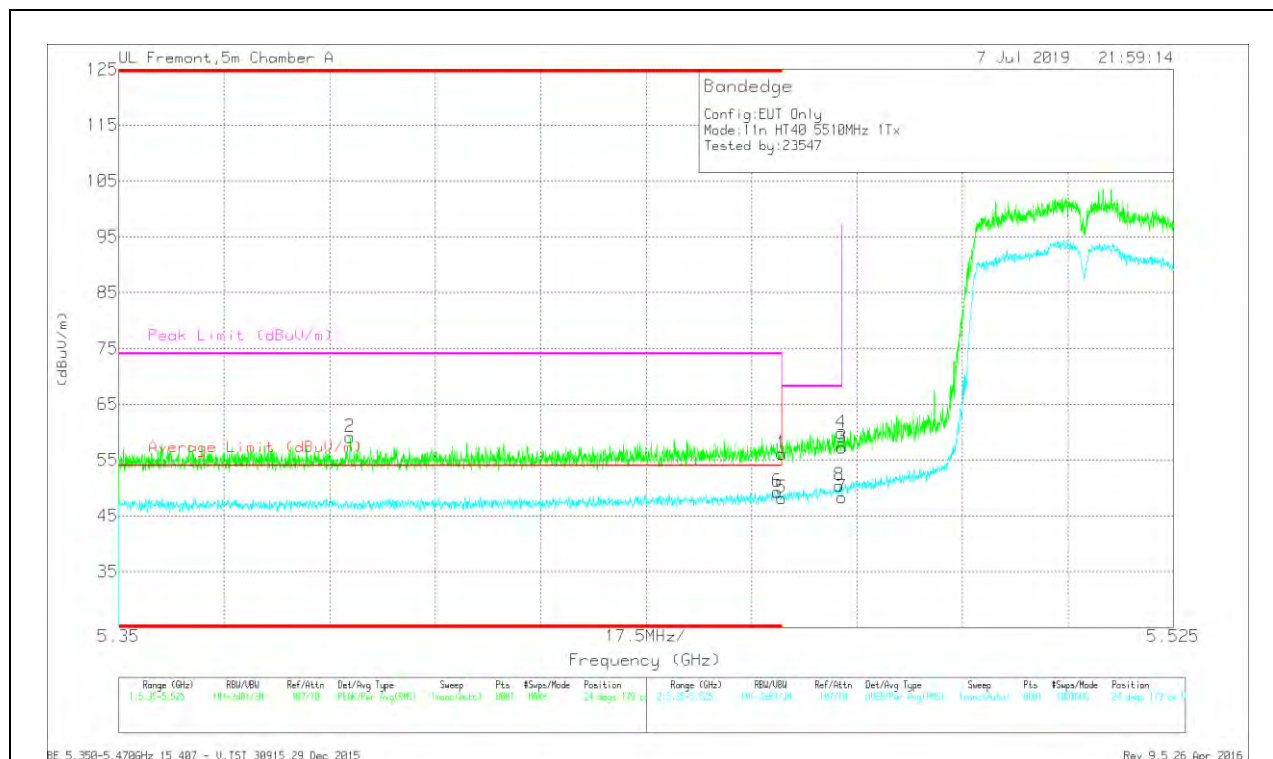
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.74	Pk	34.9	-17.5	0	58.14	-	-	74	-15.86	24	179	H
2	* 5.459	42.04	Pk	34.9	-17.5	0	59.44	-	-	74	-14.56	24	179	H
5	* 5.46	32.93	RMS	34.9	-17.5	0.12	50.45	54	-3.55	-	-	24	179	H
6	* 5.46	33.01	RMS	34.9	-17.5	0.12	50.53	54	-3.37	-	-	24	179	H
8	5.469	35.39	RMS	34.9	-17.5	0.12	52.91	-	-	-	-	24	179	H
3	5.47	45.71	Pk	34.9	-17.5	0	63.11	-	-	68.2	-5.09	24	179	H
4	5.47	45.6	Pk	34.9	-17.5	0	63	-	-	68.2	-5.2	24	179	H
7	5.47	34.89	RMS	34.9	-17.5	0.12	52.41	-	-	-	-	24	179	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/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.76	Pk	34.9	-17.5	0	56.16	-	-	74	-17.84	24	179	V
2	* 5.388	41.81	Pk	34.9	-17.6	0	59.11	-	-	74	-14.89	24	179	V
5	* 5.46	30.8	RMS	34.9	-17.5	0.12	48.32	54	-5.68	-	-	24	179	V
6	* 5.459	31.9	RMS	34.9	-17.5	0.12	49.42	54	-4.58	-	-	24	179	V
3	5.47	39.8	Pk	34.9	-17.5	0	57.2	-	-	68.2	-11	24	179	V
4	5.47	42.5	Pk	34.9	-17.5	0	59.9	-	-	68.2	-8.3	24	179	V
7	5.47	30.96	RMS	34.9	-17.5	0.12	48.48	-	-	-	-	24	179	V
8	5.47	33.04	RMS	34.9	-17.5	0.12	50.56	-	-	-	-	24	179	V

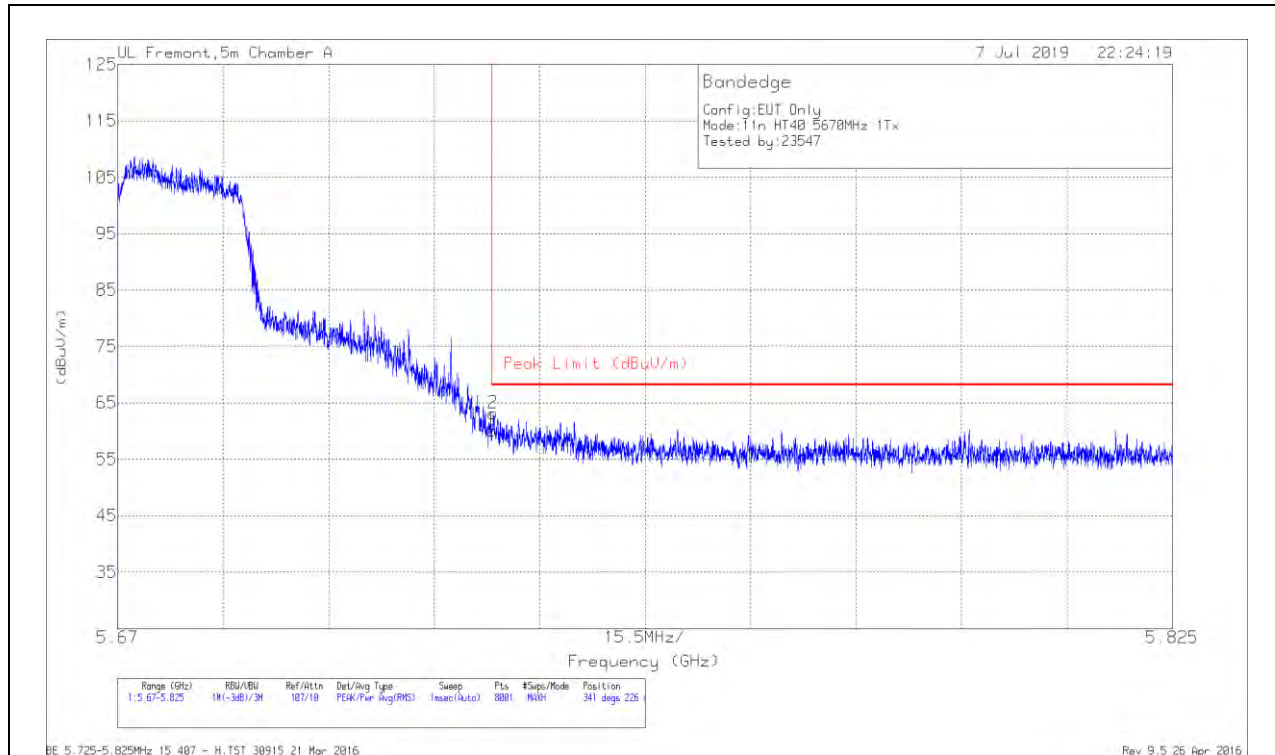
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

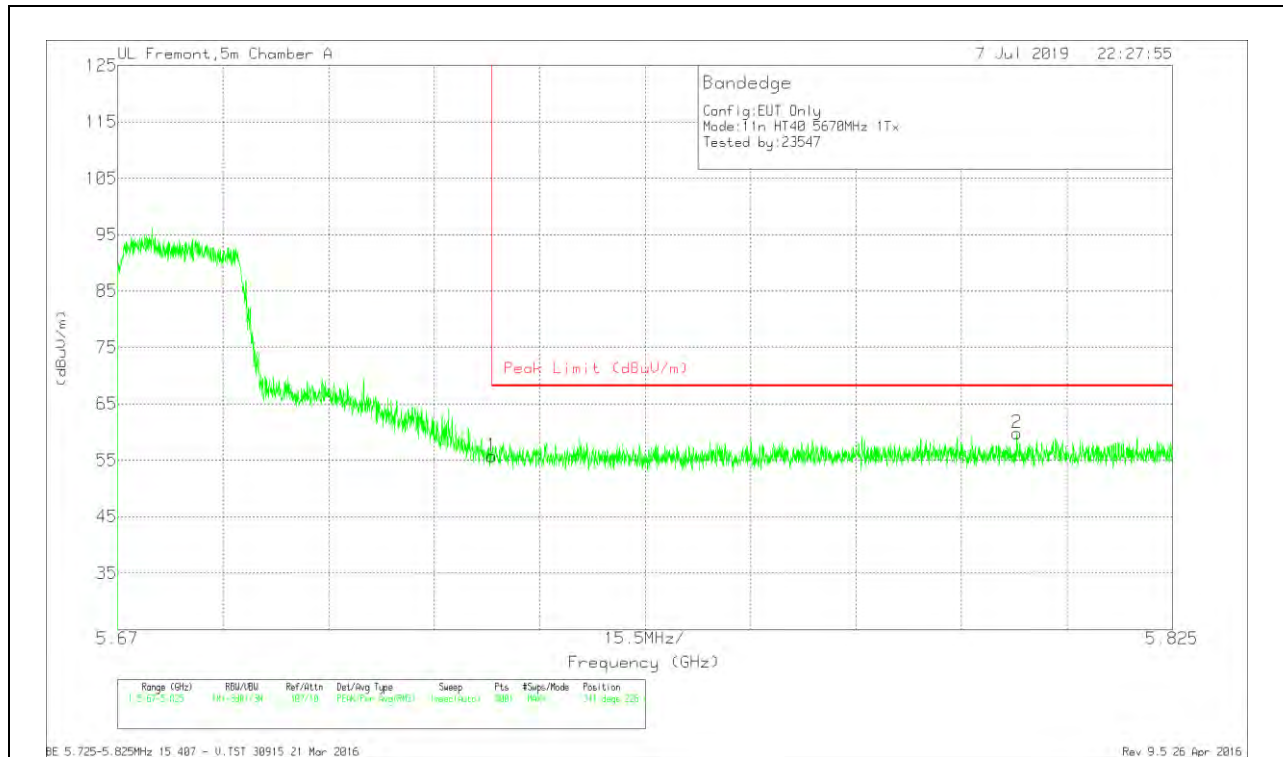
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.37	Pk	34.9	-17.2	0	60.07	68.2	-8.13	341	226	H
2	5.725	45.44	Pk	34.9	-17.2	0	63.14	68.2	-5.06	341	226	H

Pk - Peak detector

VERTICAL RESULT



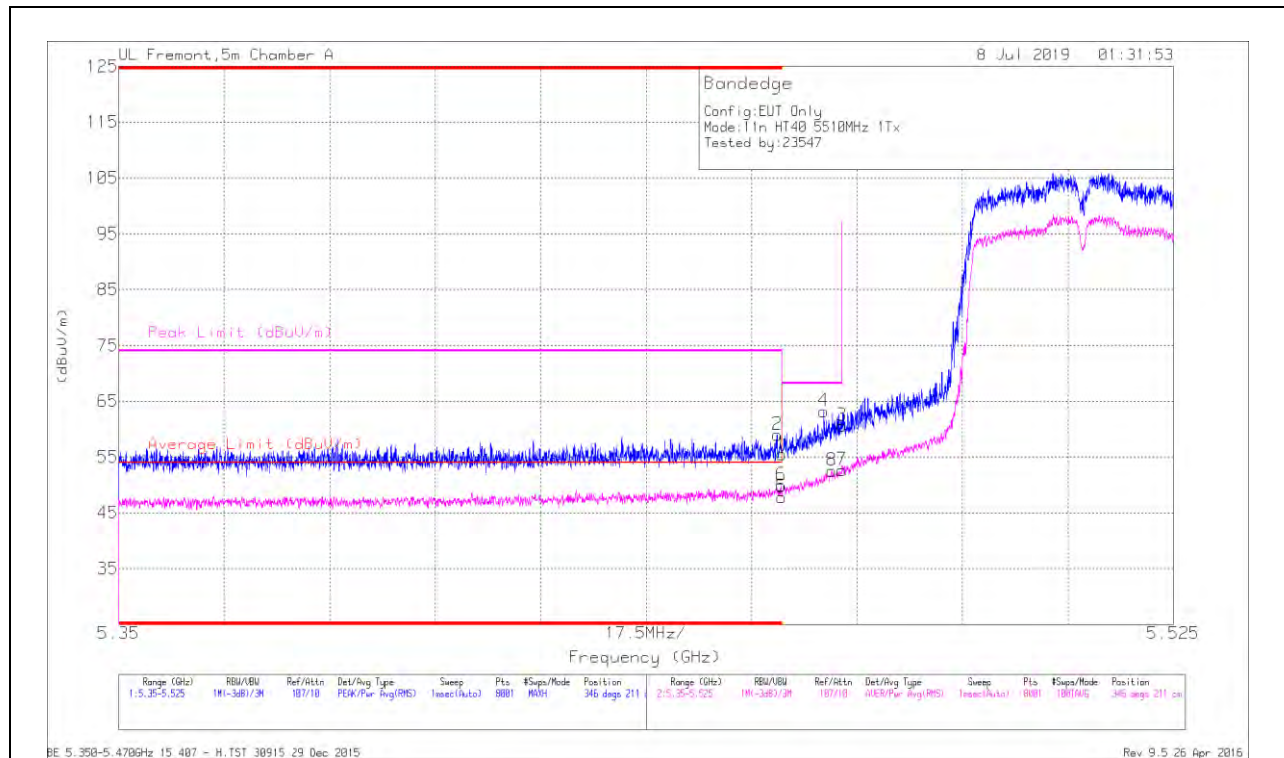
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.07	Pk	34.9	-17.2	0	55.77	68.2	-12.43	341	226	V
2	5.802	41.5	Pk	35.1	-16.8	0	59.8	68.2	-8.4	341	226	V

Pk - Peak detector

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



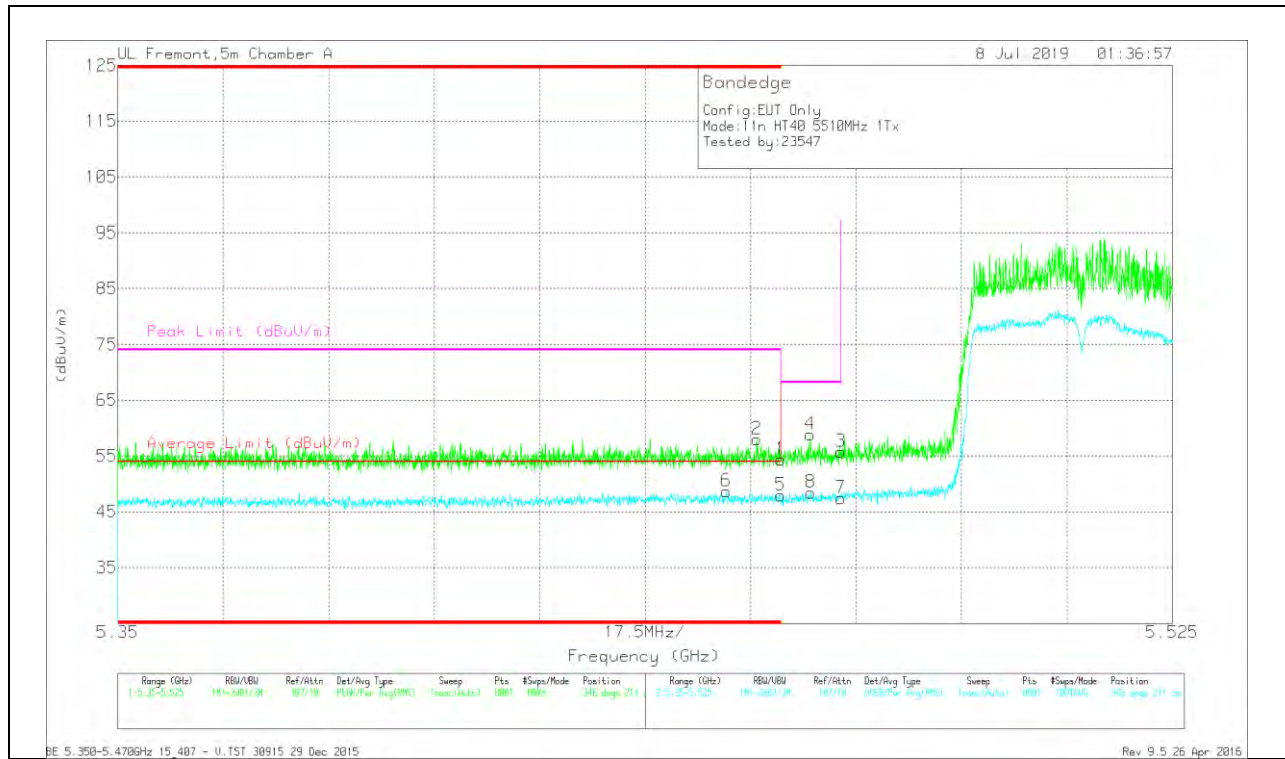
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtri/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.14	Pk	34.9	-17.5	0	55.54	-	-	74	-18.46	346	211	H
2	* 5.459	41.62	Pk	34.9	-17.5	0	59.02	-	-	74	-14.98	346	211	H
5	* 5.46	30.45	RMS	34.9	-17.5	0.12	47.97	54	-6.03	-	-	346	211	H
6	* 5.46	32.5	RMS	34.9	-17.5	0.12	50.02	54	-3.98	-	-	346	211	H
4	5.467	45.89	Pk	34.8	-17.5	0	63.19	-	-	68.2	-5.01	346	211	H
8	5.468	35.12	RMS	34.9	-17.5	0.12	52.64	-	-	-	-	346	211	H
3	5.47	43.16	Pk	34.9	-17.5	0	60.56	-	-	68.2	-7.64	346	211	H
7	5.47	35.2	RMS	34.9	-17.5	0.12	52.72	-	-	-	-	346	211	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

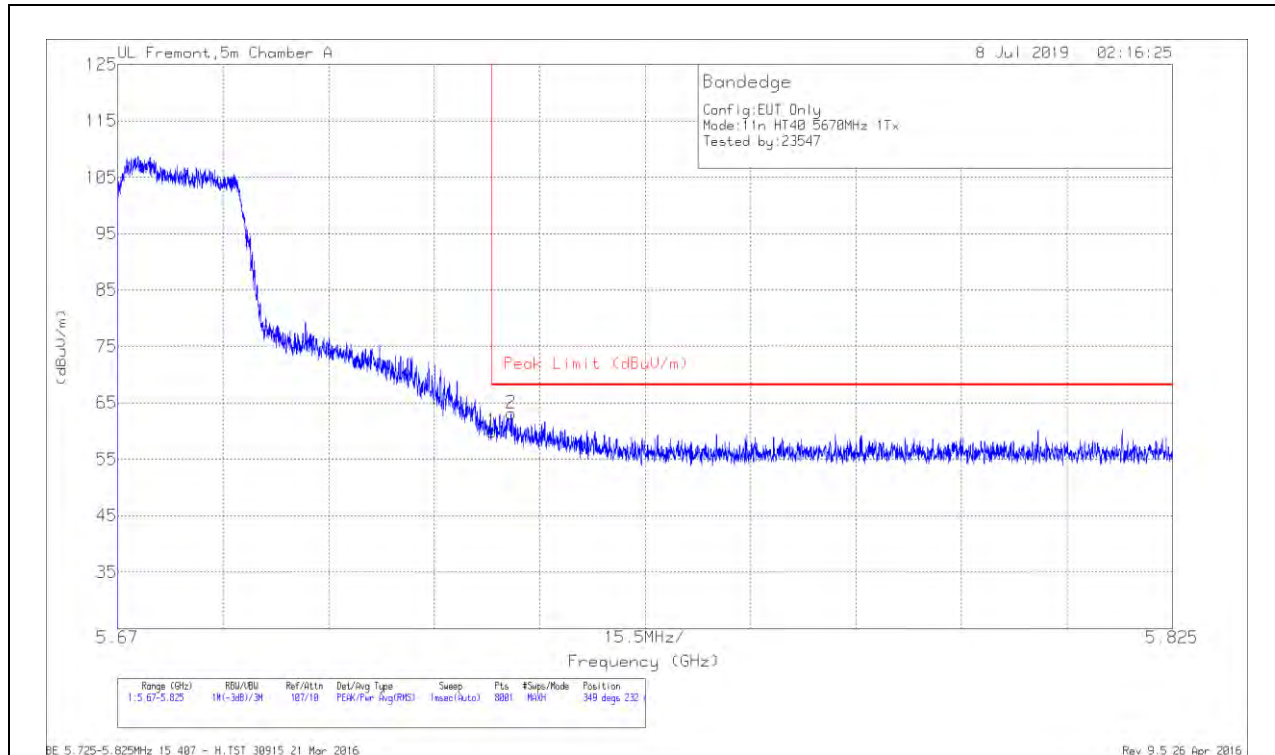


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.97	Pk	34.9	-17.5	0	54.37	-	-	74	-19.63	346	211	V
2	* 5.456	40.49	Pk	35	-17.5	0	57.99	-	-	74	-16.01	346	211	V
5	* 5.46	30.48	RMS	34.9	-17.5	0.12	48.00	54	-6.00	-	-	346	211	V
6	* 5.451	31.24	RMS	34.9	-17.5	0.12	48.76	54	-5.24	-	-	346	211	V
4	5.465	41.61	Pk	34.8	-17.5	0	58.91	-	-	68.2	-9.29	346	211	V
8	5.465	31.17	RMS	34.8	-17.5	0.12	48.59	-	-	-	-	346	211	V
3	5.47	38.39	Pk	34.9	-17.5	0	55.79	-	-	68.2	-12.41	346	211	V
7	5.47	29.99	RMS	34.9	-17.5	0.12	47.51	-	-	-	-	346	211	V

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

BANDEDGE (HIGH CHANNEL)

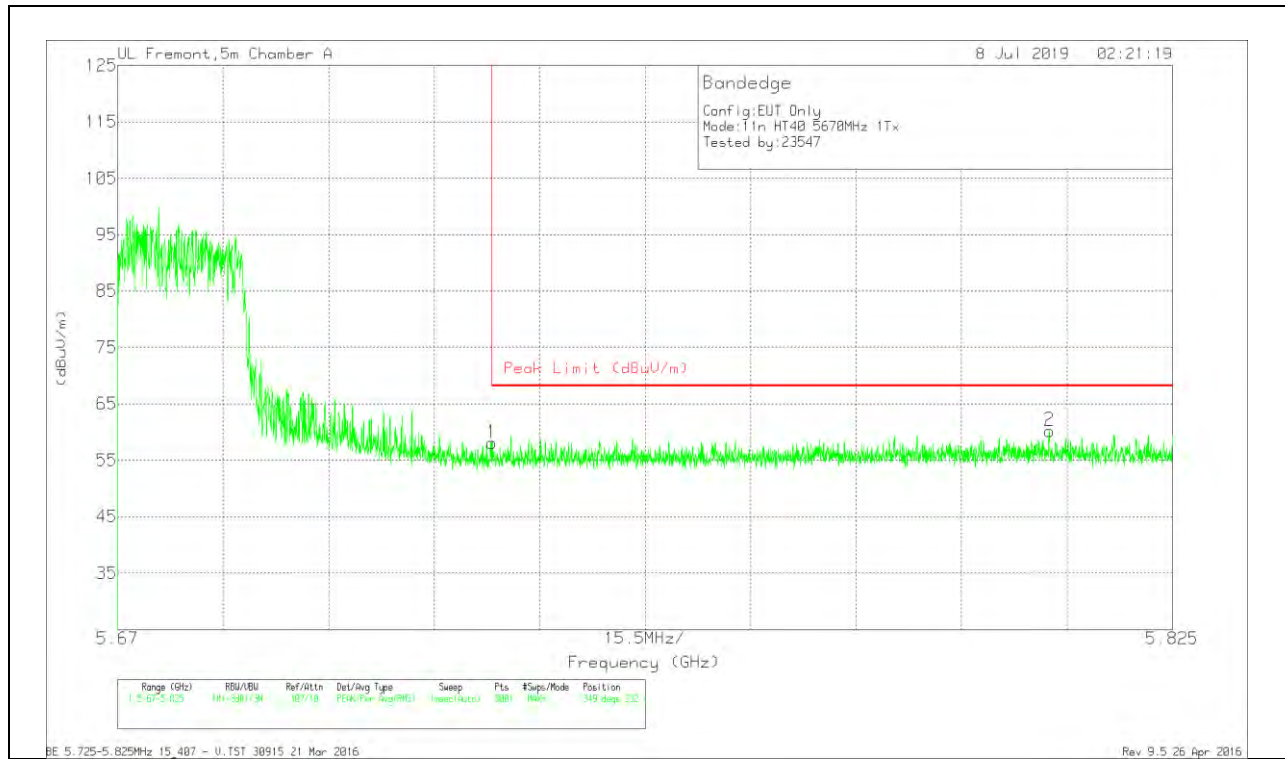
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.25	Pk	34.9	-17.2	0	59.95	68.2	-8.25	349	232	H
2	5.728	45.53	Pk	34.8	-17.2	0	63.13	68.2	-5.07	349	232	H

Pk - Peak detector

VERTICAL RESULT



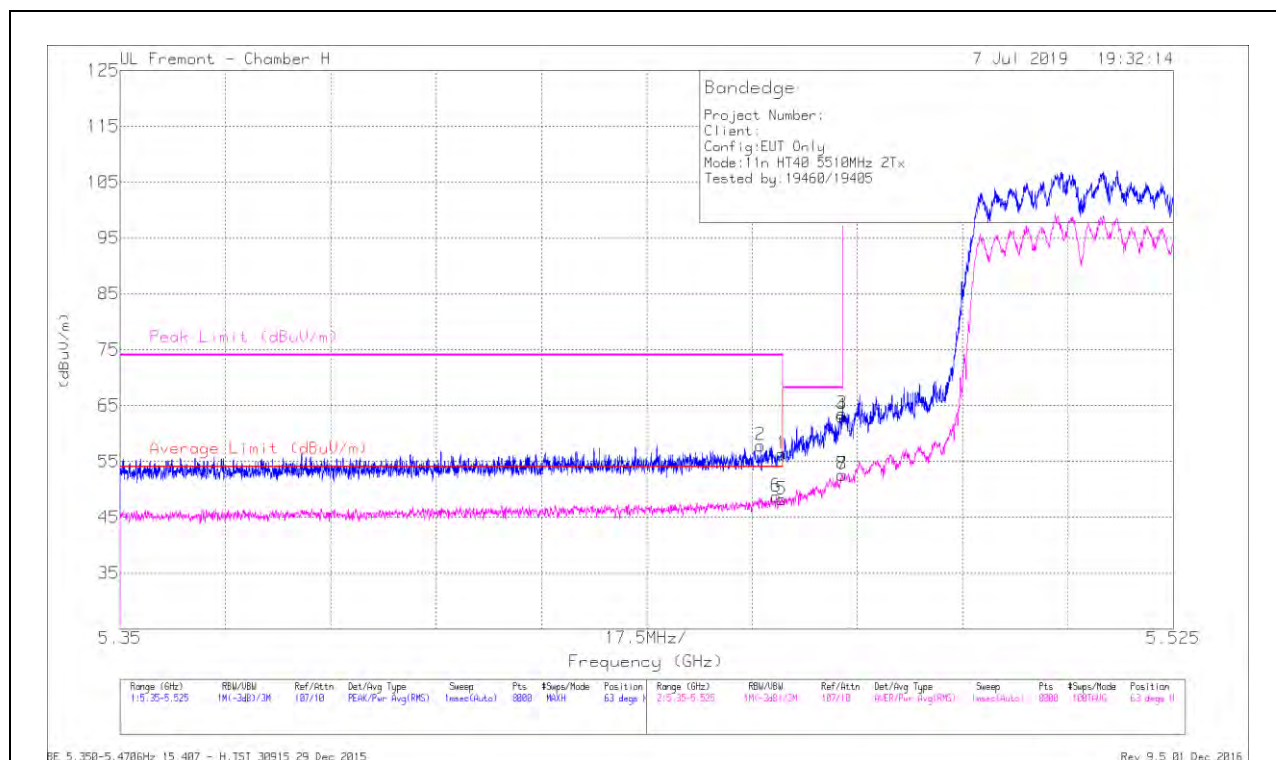
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.44	Pk	34.9	-17.2	0	58.14	68.2	-10.06	349	232	V
2	5.807	41.85	Pk	35.2	-16.8	0	60.25	68.2	-7.95	349	232	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



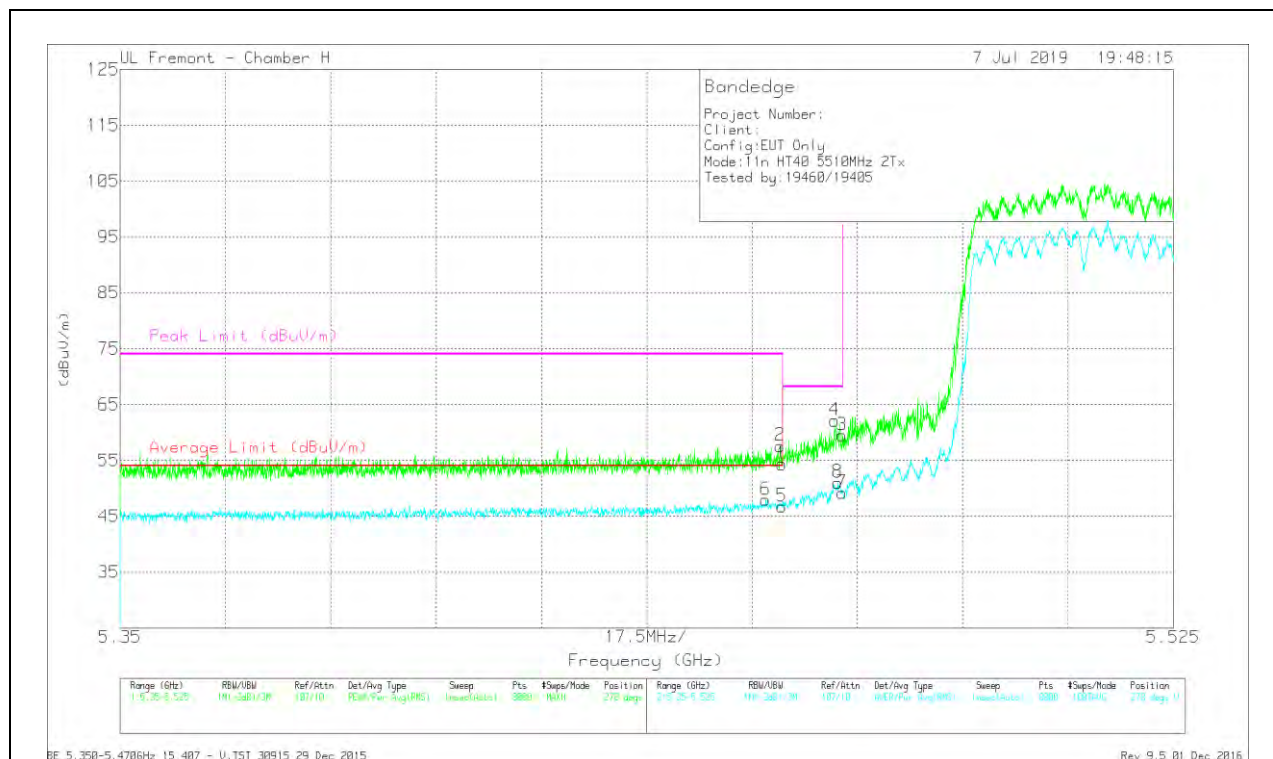
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.456	42.98	Pk	35.3	-20.4	0	57.88	-	-	74	-16.12	63	153	H
6	* 5.459	33.83	RMS	35.3	-20.4	0.09	48.82	54	-5.38	-	-	63	153	H
1	* 5.46	41.51	Pk	35.2	-20.4	0	56.31	-	-	74	-17.69	63	153	H
5	* 5.46	33.4	RMS	35.2	-20.4	0.09	48.29	54	-5.71	-	-	63	153	H
3	5.47	48.74	Pk	35.3	-20.5	0	63.54	-	-	68.2	-4.66	63	153	H
4	5.47	48.27	Pk	35.3	-20.5	0	63.07	-	-	68.2	-5.13	63	153	H
7	5.47	37.84	RMS	35.3	-20.5	0.09	52.73	-	-	-	-	63	153	H
8	5.47	37.84	RMS	35.3	-20.5	0.09	52.73	-	-	-	-	63	153	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.457	33.04	RMS	35.3	-20.4	0.09	48.03	54	-5.97	-	-	278	116	V
1	* 5.46	39.56	Pk	35.2	-20.4	0	54.36	-	-	74	-19.64	278	116	V
2	* 5.46	42.83	Pk	35.2	-20.4	0	57.63	-	-	74	-16.37	278	116	V
5	* 5.46	31.95	RMS	35.2	-20.4	0.09	46.84	54	-7.16	-	-	278	116	V
4	5.469	47.37	Pk	35.3	-20.5	0	62.17	-	-	68.2	-6.03	278	116	V
8	5.469	36.24	RMS	35.3	-20.5	0.09	51.13	-	-	-	-	278	116	V
3	5.47	44.72	Pk	35.3	-20.5	0	59.52	-	-	68.2	-8.68	278	116	V
7	5.47	34.43	RMS	35.3	-20.5	0.09	49.32	-	-	-	-	278	116	V

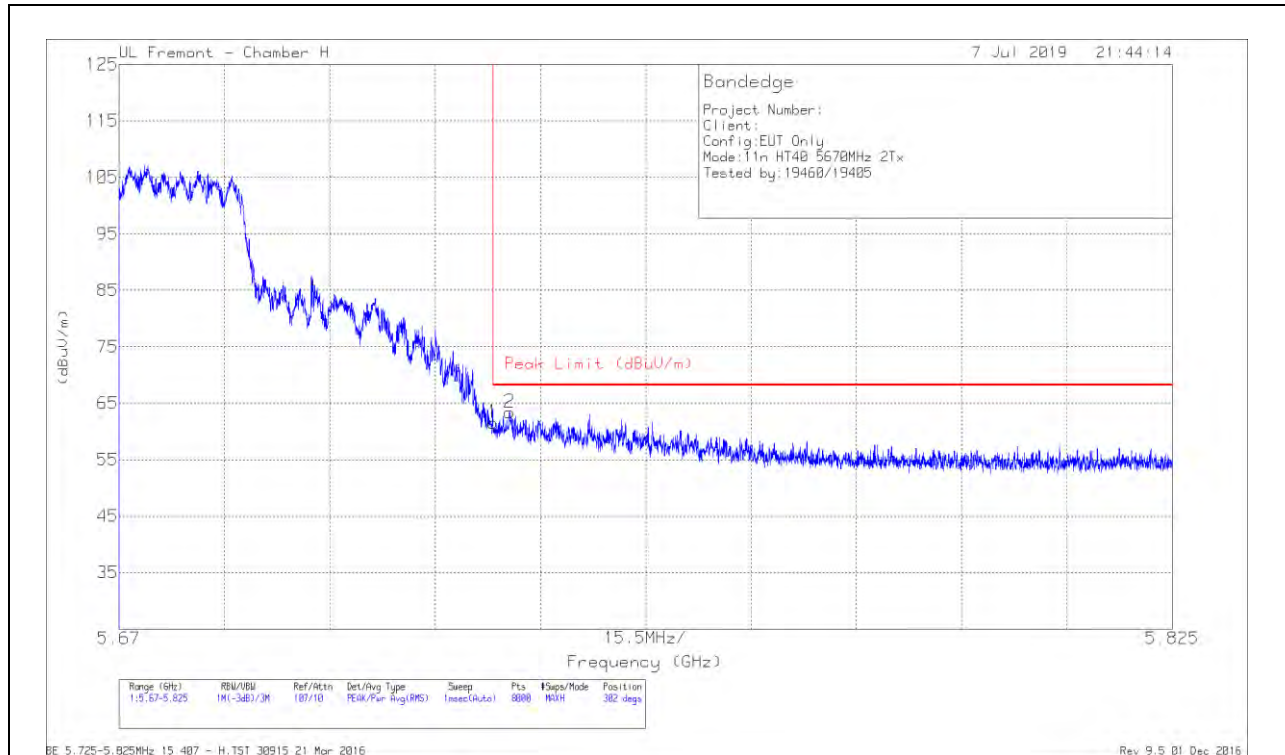
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEGE (HIGH CHANNEL)

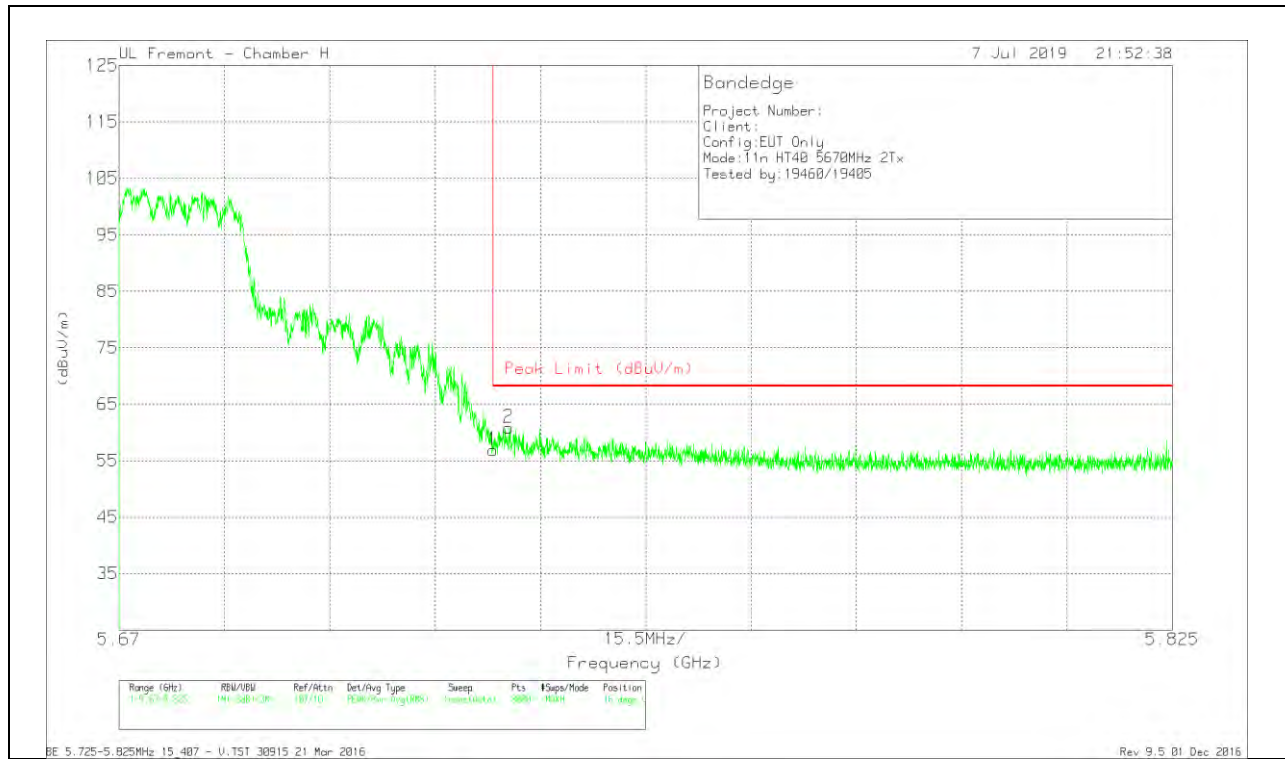
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.27	Pk	35	-20.7	0	61.57	68.2	-6.63	302	240	H
2	5.727	49.17	Pk	34.9	-20.7	0	63.37	68.2	-4.83	302	240	H

Pk - Peak detector

VERTICAL RESULT

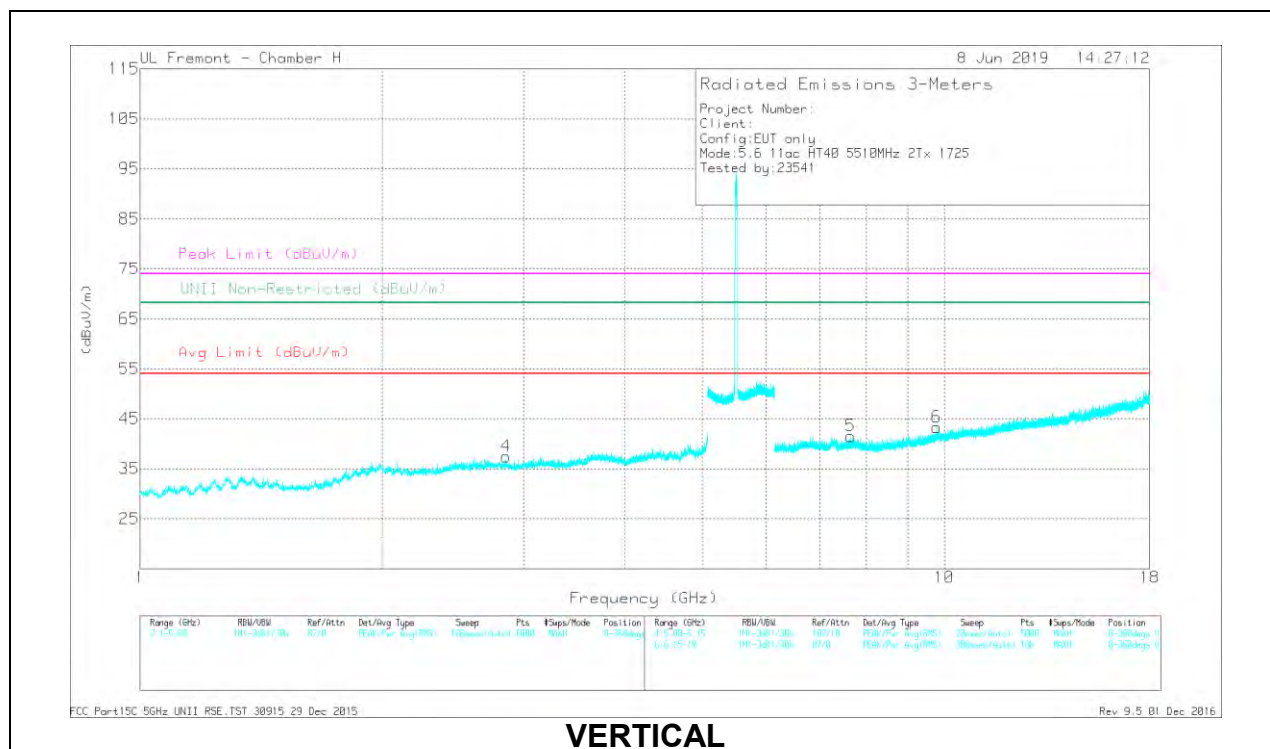
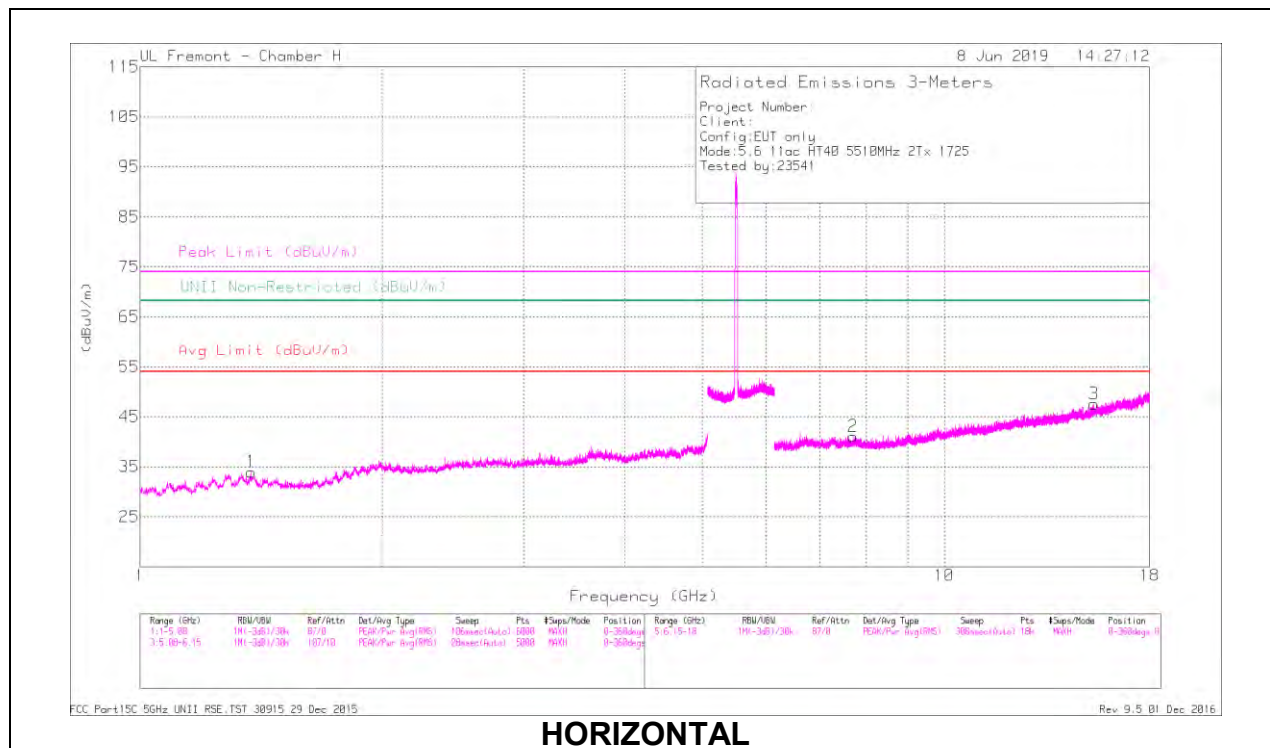


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.6	Pk	35	-20.7	0	56.9	68.2	-11.3	16	206	V
2	5.727	46.67	Pk	34.9	-20.7	0	60.87	68.2	-7.33	16	206	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

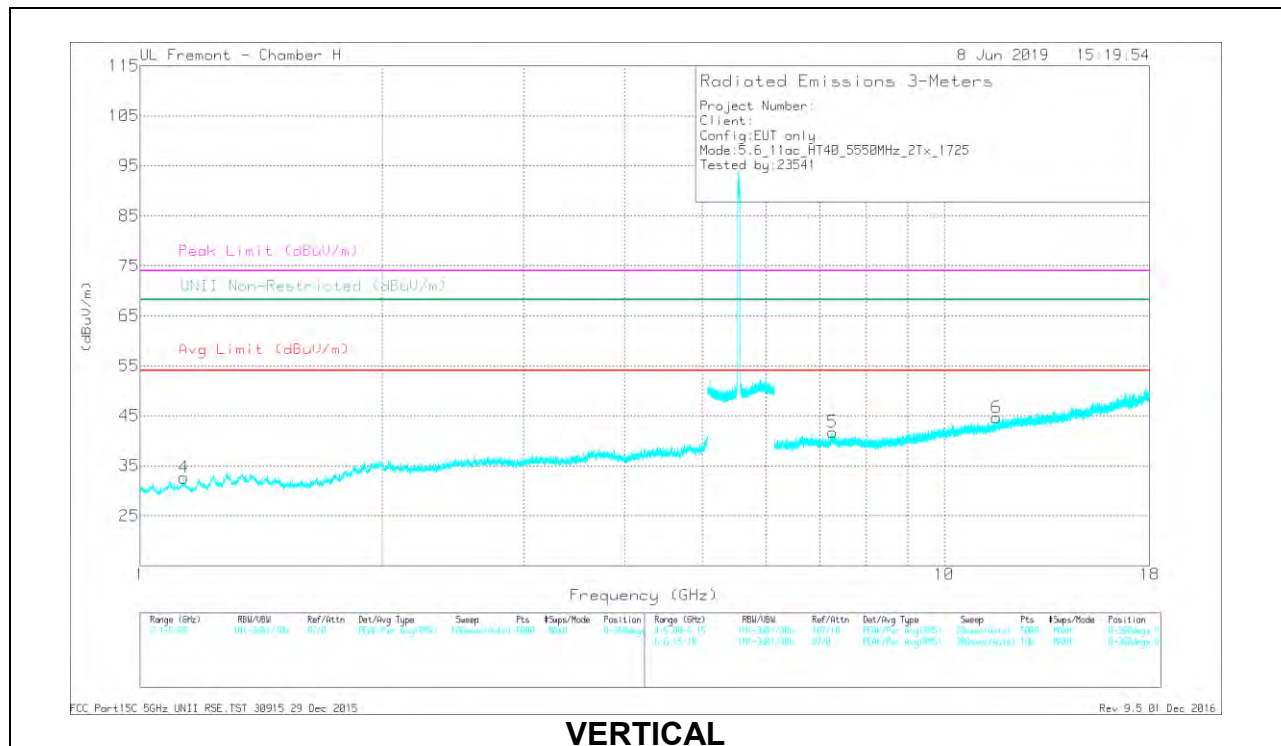
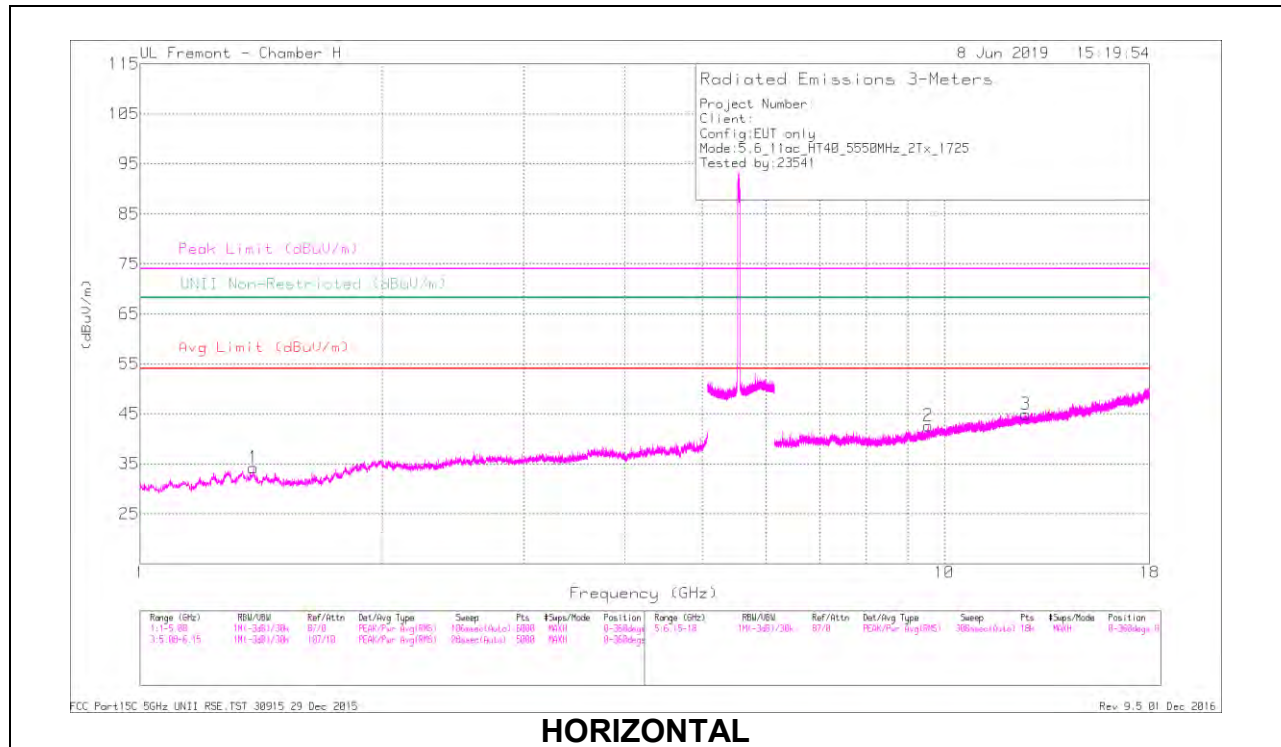
Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.375	45.74	PK-U	29.3	-33	0	42.04	-	-	74	-31.96	-	-	125	351	H
	* 1.376	32.21	ADR	29.3	-33	0.09	28.60	54	-25.40	-	-	-	-	125	351	H
4	* 2.85	43.49	PK-U	32.4	-31.7	0	44.19	-	-	74	-29.81	-	-	137	186	V
	* 2.851	31.14	ADR	32.4	-31.7	0.09	31.93	54	-22.07	-	-	-	-	137	186	V
2	* 7.7	38.61	PK-U	36.6	-27.6	0	47.61	-	-	74	-26.39	-	-	351	139	H
	* 7.702	27.03	ADR	36.6	-27.6	0.09	36.12	54	-17.88	-	-	-	-	351	139	H
5	* 7.645	37.95	PK-U	36.6	-27.3	0	47.25	-	-	74	-26.75	-	-	357	154	V
	* 7.644	26.56	ADR	36.6	-27.3	0.09	35.95	54	-18.05	-	-	-	-	357	154	V
6	9.779	25.12	ADR	37	-24.5	0.09	37.71	-	-	-	-	-	-	270	205	V
	9.78	36.72	PK-U	37.1	-24.4	0	49.42	-	-	-	-	68.2	-18.78	270	205	V
3	15.346	35.04	PK-U	40.7	-21.9	0	53.84	-	-	-	-	68.2	-14.36	277	342	H
	15.347	23.68	ADR	40.7	-21.9	0.09	42.57	-	-	-	-	-	-	277	342	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

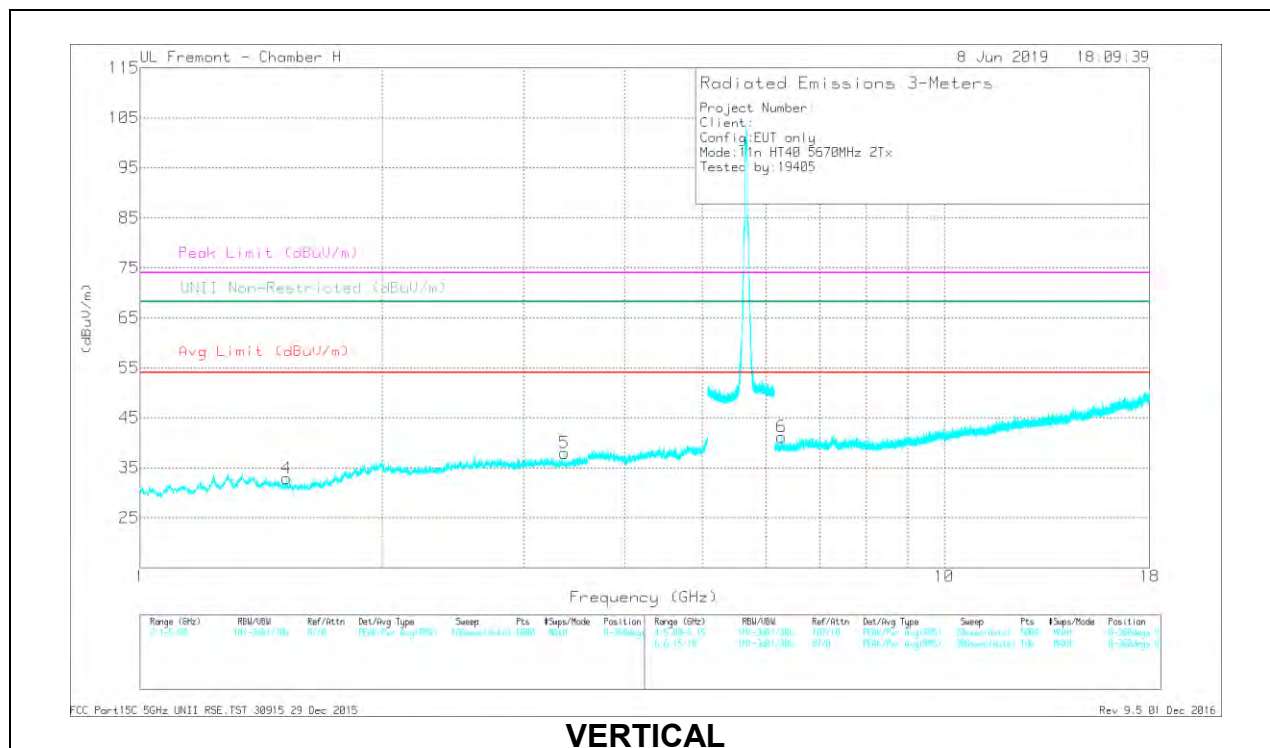
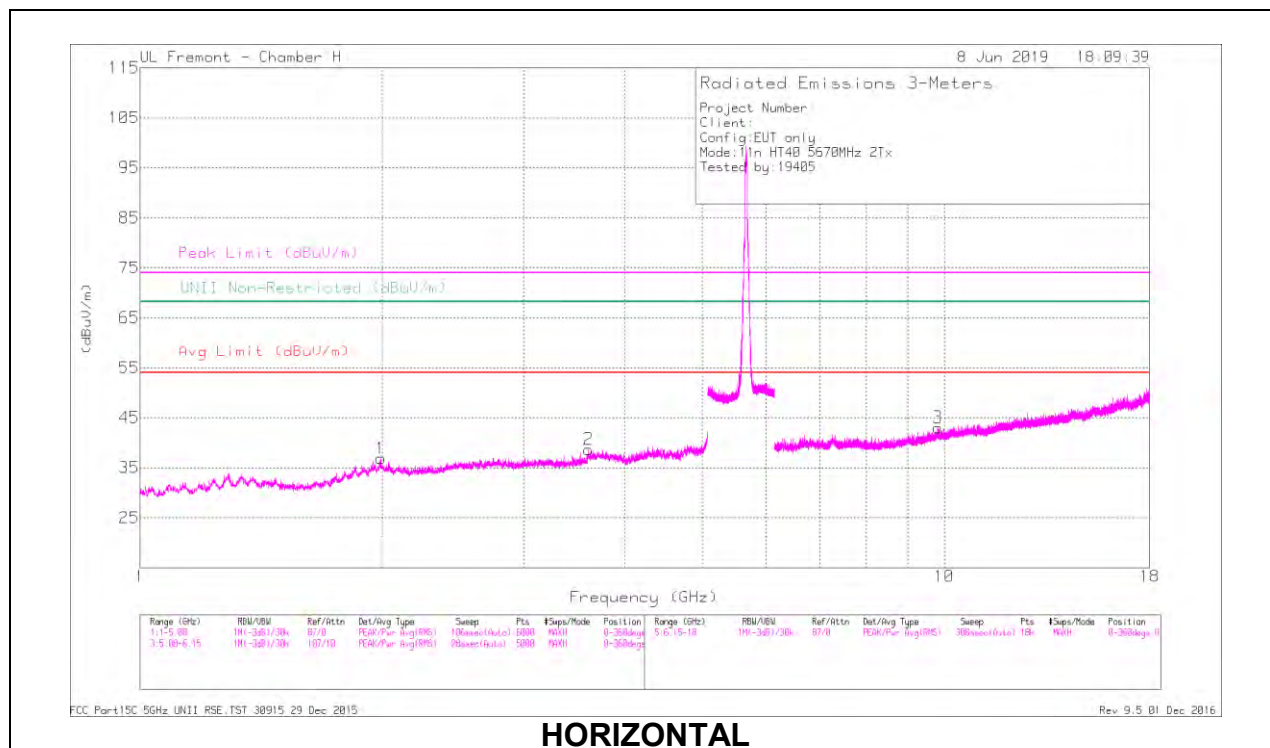
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.385	44.82	PK-U	29.1	-33	0	40.92	-	-	74	-33.08	-	-	188	354	H
	* 1.382	32.67	ADR	29.2	-32.9	0.09	29.06	54	-24.94	-	-	-	-	188	354	H
4	* 1.132	44.61	PK-U	27.6	-33.2	0	39.01	-	-	74	-34.99	-	-	313	183	V
	* 1.132	32.88	ADR	27.6	-33.2	0.09	27.37	54	-26.63	-	-	-	-	313	183	V
3	* 12.625	35.15	PK-U	39.2	-23.1	0	51.25	-	-	74	-22.75	-	-	278	328	H
	* 12.624	23.88	ADR	39.2	-23.1	0.09	40.07	54	-13.93	-	-	-	-	278	328	H
5	* 7.262	38.17	PK-U	36.3	-26.2	0	48.27	-	-	74	-25.73	-	-	46	129	V
	* 7.262	26.34	ADR	36.3	-26.2	0.09	36.53	54	-17.47	-	-	-	-	46	129	V
6	* 11.612	35.43	PK-U	38.4	-23.1	0	50.73	-	-	74	-23.27	-	-	7	100	V
	* 11.609	23.79	ADR	38.4	-23.2	0.09	39.08	54	-14.92	-	-	-	-	7	100	V
2	9.548	36.4	PK-U	36.8	-24.5	0	48.7	-	-	-	-	68.2	-19.5	94	121	H
	9.548	24.63	ADR	36.8	-24.5	0.09	37.02	-	-	-	-	-	-	94	121	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

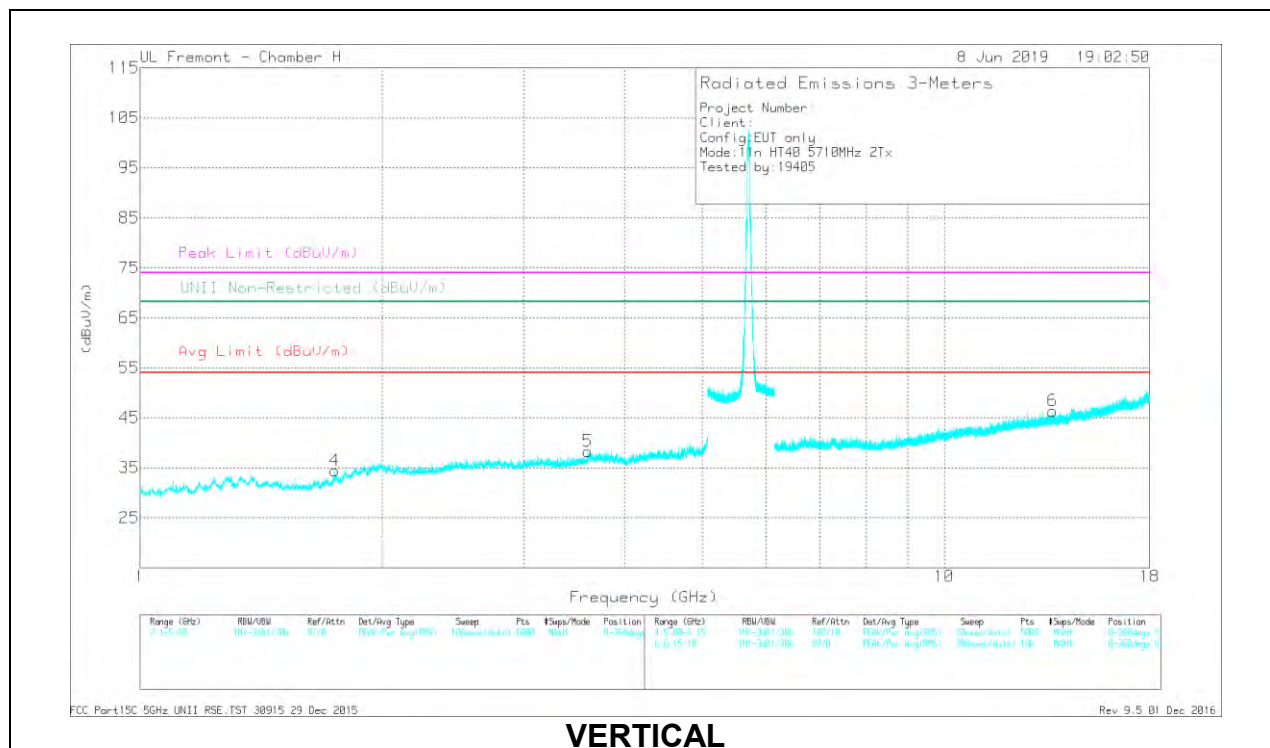
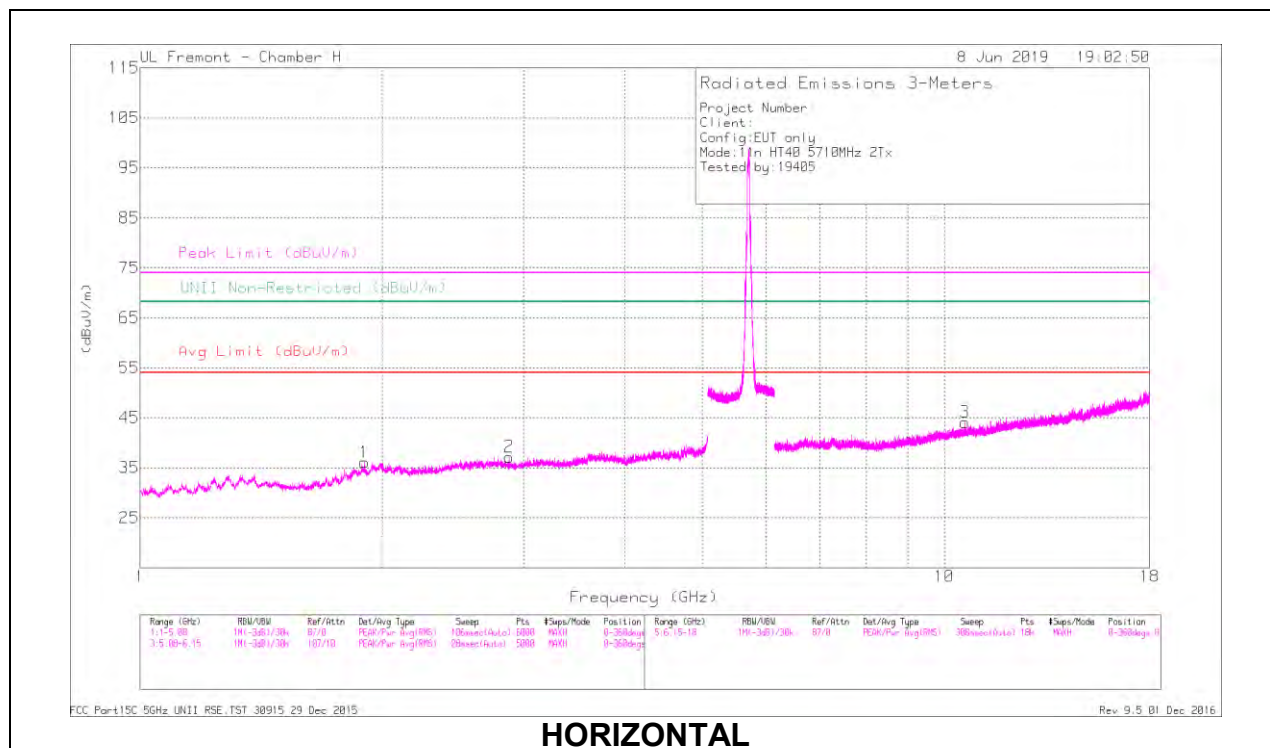
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/CbI/Fitr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.61	41.5	PK-U	33.1	-31	0	43.6	-	-	74	-30.4	-	-	174	281	H
	* 3.61	30.52	ADR	33.1	-31	0.09	32.71	54	-21.29	-	-	-	-	174	281	H
4	* 1.522	44.53	PK-U	27.8	-32.7	0	39.63	-	-	74	-34.37	-	-	209	178	V
	* 1.524	32.52	ADR	27.8	-32.7	0.09	27.71	54	-26.29	-	-	-	-	209	178	V
1	1.991	32.15	ADR	31.9	-32.3	0.09	31.84	-	-	-	-	-	-	269	386	H
	1.993	43.9	PK-U	31.9	-32.3	0	43.5	-	-	-	-	68.2	-24.7	269	386	H
5	3.37	42.5	PK-U	32.7	-30.8	0	44.4	-	-	-	-	68.2	-23.8	235	254	V
	3.37	30.21	ADR	32.7	-30.8	0.09	32.20	-	-	-	-	-	-	235	254	V
6	6.276	27.72	ADR	35.6	-27.8	0.09	35.61	-	-	-	-	-	-	163	146	V
	6.278	39.25	PK-U	35.7	-27.8	0	47.15	-	-	-	-	68.2	-21.05	163	146	V
3	9.811	25.42	ADR	37.1	-24.1	0.09	38.51	-	-	-	-	-	-	317	224	H
	9.815	36.4	PK-U	37.1	-24	0	49.5	-	-	-	-	68.2	-18.7	317	224	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.874	42.87	PK-U	32.3	-31.5	0	43.67	-	-	74	-30.33	-	-	213	240	H
	* 2.875	31.05	ADR	32.3	-31.5	0.09	31.94	54	-22.06	-	-	-	-	213	240	H
5	* 3.606	42.06	PK-U	33.1	-31	0	44.16	-	-	74	-29.84	-	-	129	177	V
	* 3.607	30.53	ADR	33.1	-31	0.09	32.72	54	-21.28	-	-	-	-	129	177	V
3	* 10.611	36.09	PK-U	37.7	-23.6	0	50.19	-	-	74	-23.81	-	-	167	245	H
	* 10.611	24.49	ADR	37.7	-23.6	0.09	38.68	54	-15.32	-	-	-	-	167	245	H
4	* 10.609	36.04	PK-U	37.7	-23.6	0	50.14	-	-	74	-23.86	-	-	71	165	H
	* 10.612	24.58	ADR	37.7	-23.6	0.09	38.77	54	-15.23	-	-	-	-	71	165	H
1	1.745	44.04	PK-U	29.5	-32.5	0	41.04	-	-	-	-	68.2	-27.16	334	288	V
	1.747	32.26	ADR	29.5	-32.5	0.09	29.35	-	-	-	-	-	-	334	288	V
6	3.004	42.4	PK-U	32.6	-31	0	44	-	-	-	-	68.2	-24.2	144	223	H
	3.087	30.81	ADR	32.7	-31.3	0.09	32.30	-	-	-	-	-	-	144	223	H

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

PK-U - U-NII: Maximum Peak

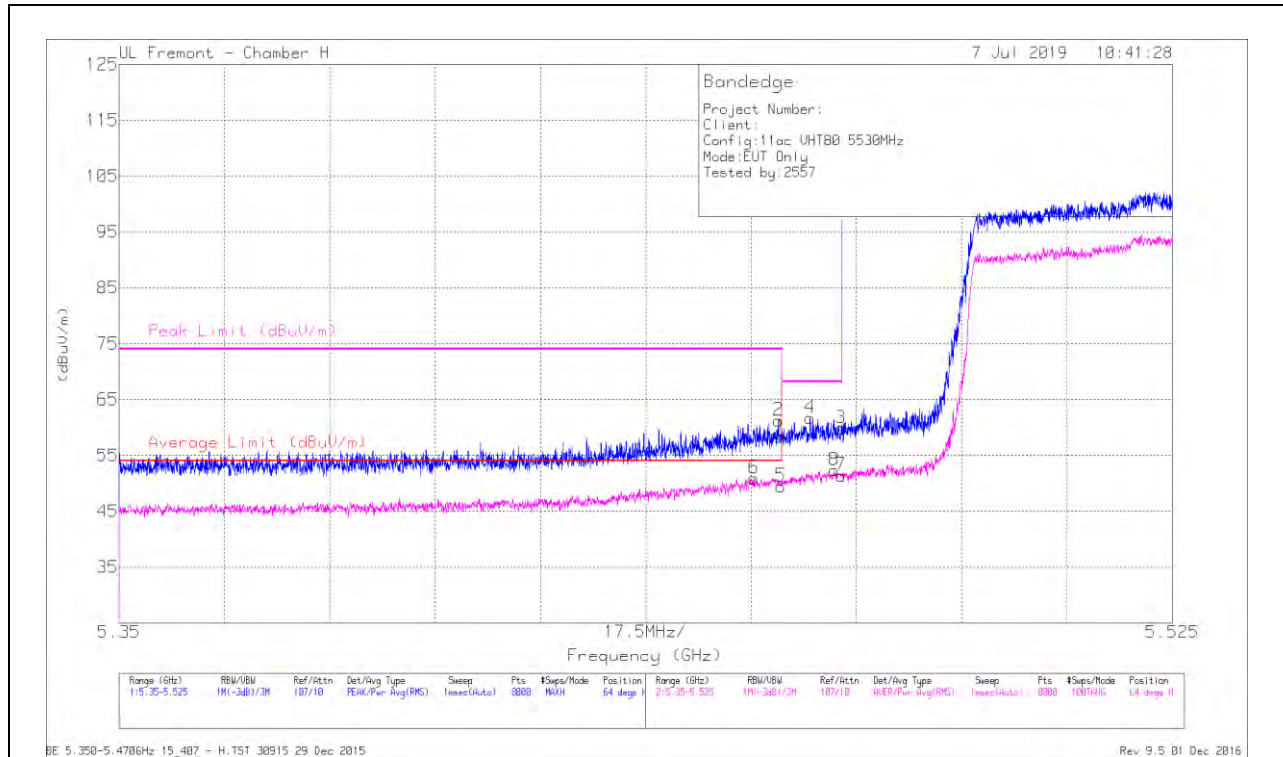
ADR - U-NII AD primary method, RMS average

1.1.15. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	43.5	Pk	35.2	-20.4	0	58.3	-	-	74	-15.7	64	127	H
2	* 5.46	46.45	Pk	35.2	-20.4	0	61.25	-	-	74	-12.75	64	127	H
5	* 5.46	34.67	RMS	35.2	-20.4	0.19	49.66	54	-4.53	-	-	64	127	H
6	* 5.455	36.03	RMS	35.3	-20.4	0.19	51.12	54	-3.07	-	-	64	127	H
4	5.465	47.01	Pk	35.2	-20.5	0	61.71	-	-	68.2	-6.49	64	127	H
8	5.469	37.54	RMS	35.3	-20.5	0.19	52.53	-	-	-	-	64	127	H
3	5.47	45.07	Pk	35.3	-20.5	0	59.87	-	-	68.2	-8.33	64	127	H
7	5.47	36.62	RMS	35.3	-20.5	0	51.42	-	-	-	-	64	127	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber H

7 Jul 2019 11:00:32

Bandedge

Project Number:

Client:

Config: 11ac UHT80 5530MHz

Mode: EUT Only

Tested by: 2557

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

17.5MHz/

5.35 5.525

Frequency (GHz)

Range (GHz)	RBW/ABW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sweeps/Mode	Position	Range (GHz)	RBW/ABW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sweeps/Mode	Position
5.350-5.525	1M-20dB/30	107/10	Peak/Avg (RMS)	Linear/Video	3880	1600	64 degs	5.350-5.525	1M-20dB/30	107/10	Peak/Avg (RMS)	Linear/Video	3880	1600	64 degs

RF 5.350-5.47064Hz 15.407 - U.TSI 30915 29 Dec 2015

Rev 9.5.01 Dec 2016

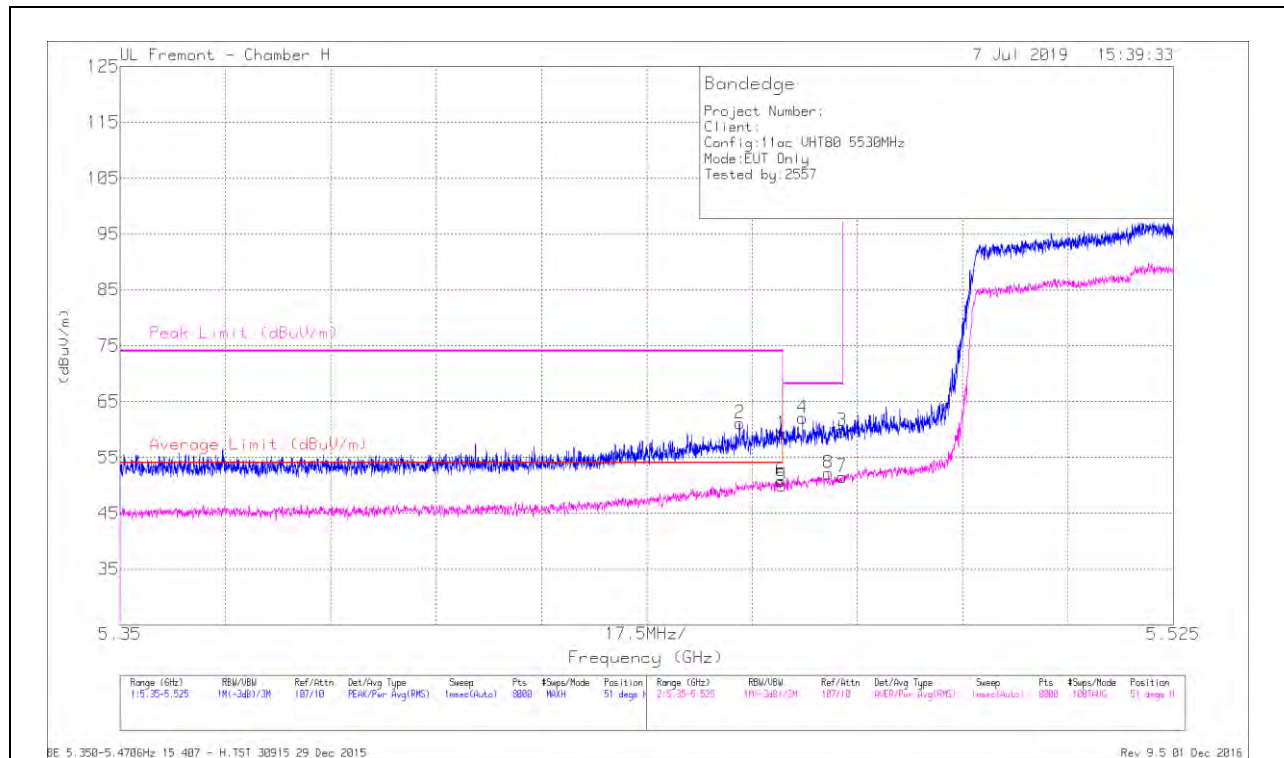
Marker	Frequenc y (GHz)	Meas Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	43.76	Pk	35.2	-20.4	0	58.56	-	-	74	-15.44	64	127	V
2	* 5.452	45.76	Pk	35.2	-20.4	0	60.56	-	-	74	-13.44	64	127	V
5	* 5.46	35.59	RMS	35.2	-20.4	0.19	50.58	54	-3.42	-	-	64	127	V
6	* 5.459	36.06	RMS	35.3	-20.4	0.19	51.15	54	-2.85	-	-	64	127	V
4	5.466	47.73	Pk	35.2	-20.5	0	62.43	-	-	68.2	-5.77	64	127	V
8	5.466	37.38	RMS	35.2	-20.5	0.19	52.27	-	-	-	-	64	127	V
3	5.47	44.5	Pk	35.3	-20.5	0	59.3	-	-	68.2	-8.9	64	127	V
7	5.47	35.95	RMS	35.3	-20.5	0.19	50.75	-	-	-	-	64	127	V

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

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



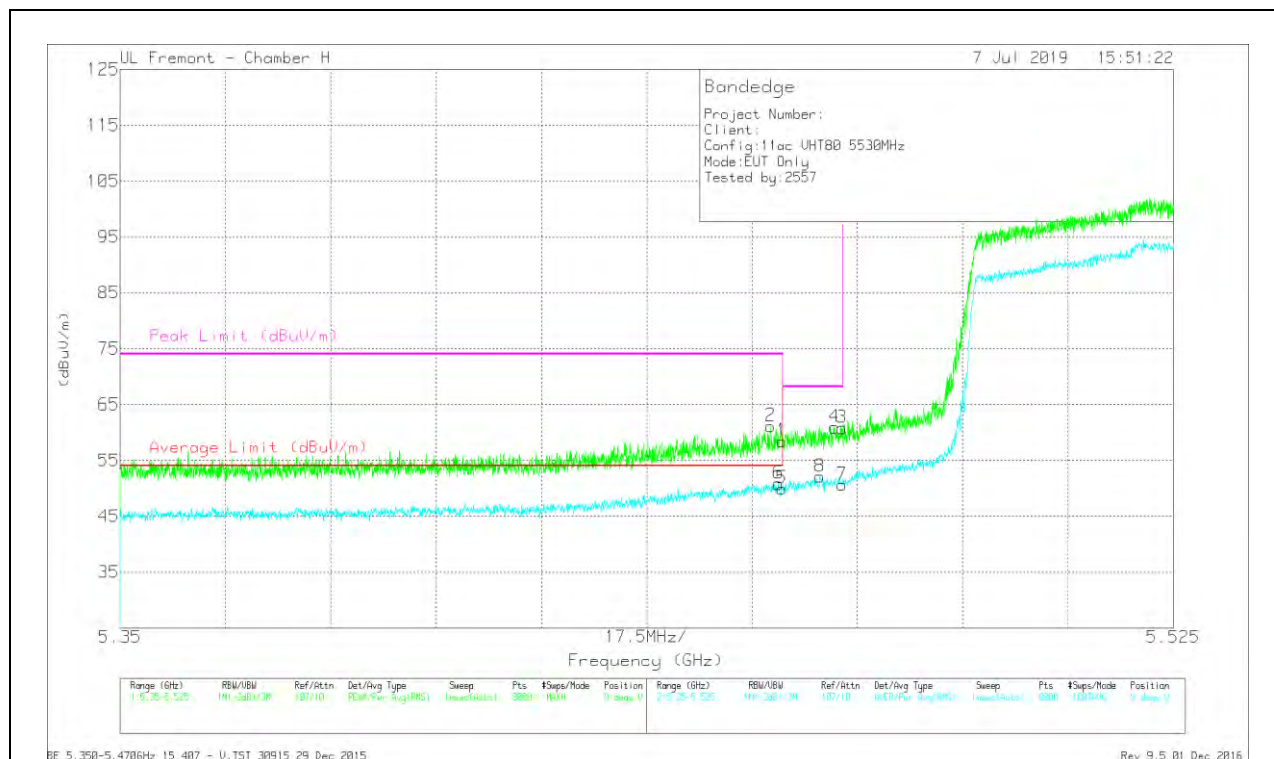
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1	* 5.46	44.48	Pk	35.2	-20.4	0	59.28	-	-	74	-14.72	51	113	H
2	* 5.453	46.31	Pk	35.2	-20.4	0	61.11	-	-	74	-12.89	51	113	H
5	* 5.46	35.11	RMS	35.2	-20.4	0.19	50.10	54	-3.9	-	-	51	113	H
6	* 5.46	35.98	RMS	35.2	-20.4	0.19	50.97	54	-3.03	-	-	51	113	H
4	5.463	47.37	Pk	35.2	-20.5	0	62.07	-	-	68.2	-6.13	51	113	H
8	5.468	37.38	RMS	35.3	-20.5	0.19	52.37	-	-	-	-	51	113	H
3	5.47	44.93	Pk	35.3	-20.5	0	59.73	-	-	68.2	-8.47	51	113	H
7	5.47	36.71	RMS	35.3	-20.5	0.19	51.70	-	-	-	-	51	113	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



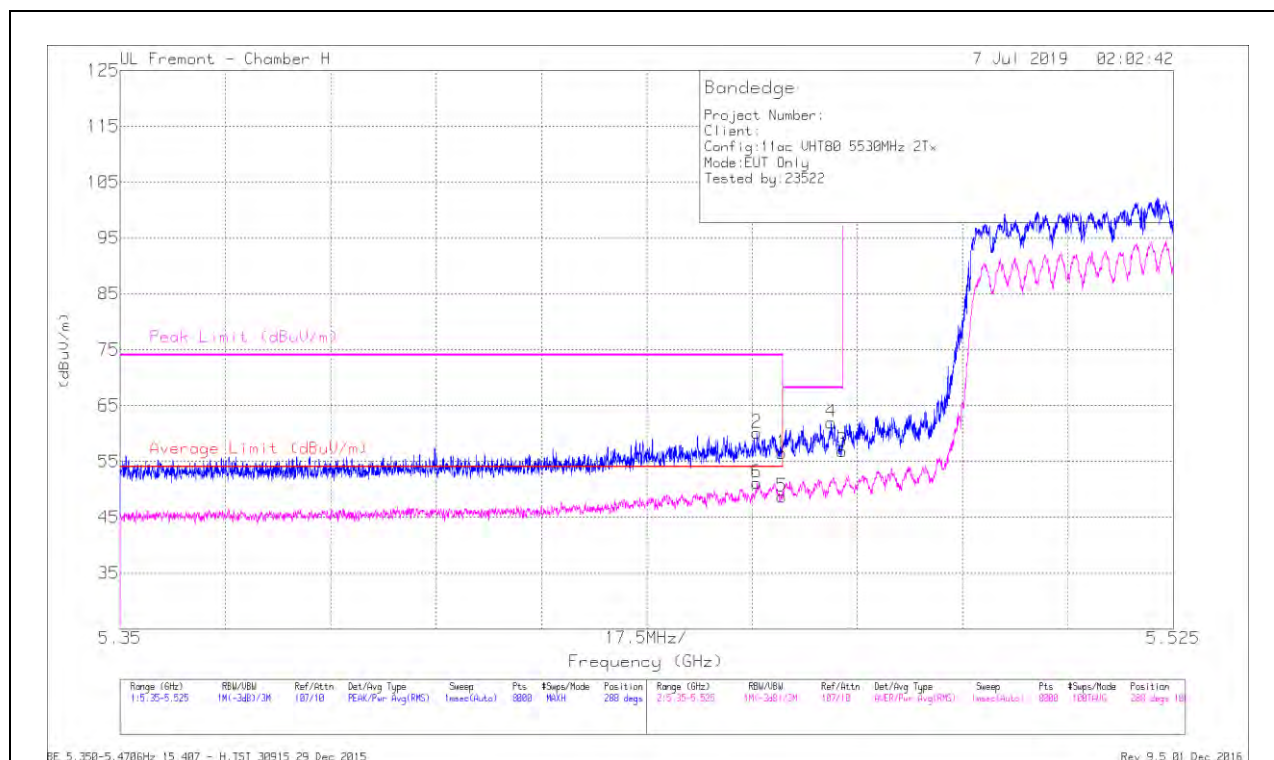
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	43.65	Pk	35.2	-20.4	0	58.45	-	-	74	-15.55	9	361	V
2	* 5.458	46.23	Pk	35.3	-20.4	0	61.13	-	-	74	-12.87	9	361	V
5	* 5.46	35.16	RMS	35.2	-20.4	0.19	50.15	54	-3.85	-	-	9	361	V
6	* 5.459	36.04	RMS	35.2	-20.4	0.19	51.03	54	-2.97	-	-	9	361	V
8	5.466	37.38	RMS	35.2	-20.5	0.19	52.27	-	-	-	-	9	361	V
4	5.469	46.14	Pk	35.3	-20.5	0	60.94	-	-	68.2	-7.26	9	361	V
3	5.47	46.01	Pk	35.3	-20.5	0	60.81	-	-	68.2	-7.39	9	361	V
7	5.47	35.84	RMS	35.3	-20.5	0.19	50.83	-	-	-	-	9	361	V

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

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



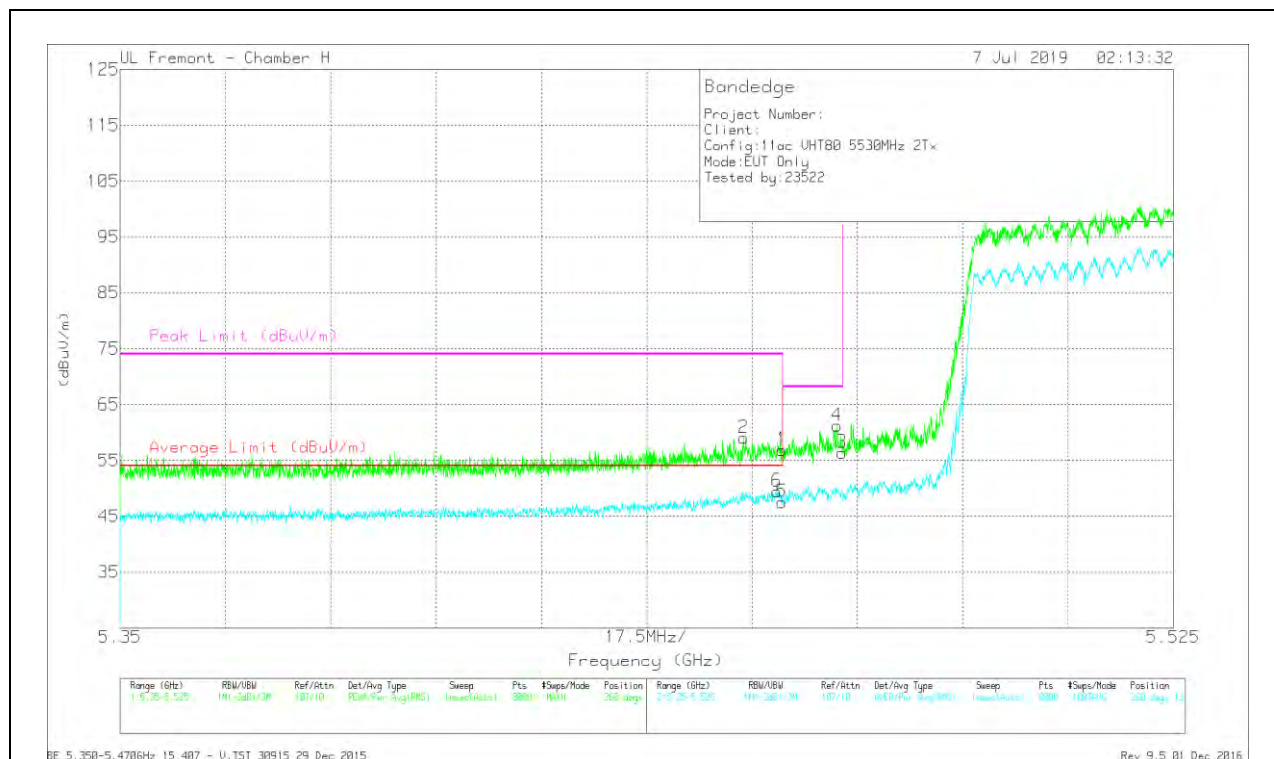
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.72	Pk	35.2	-20.4	0	56.52	-	-	74	-17.48	288	100	H
2	* 5.456	45.24	Pk	35.3	-20.4	0	60.14	-	-	74	-13.86	288	100	H
5	* 5.46	33.94	RMS	35.2	-20.4	0.19	48.93	54	-5.07	-	-	288	100	H
6	* 5.456	36.29	RMS	35.3	-20.4	0.19	51.38	54	-2.62	-	-	288	100	H
4	5.468	47.21	Pk	35.3	-20.5	0	62.01	-	-	68.2	-6.19	288	100	H
3	5.47	42.08	Pk	35.3	-20.5	0	56.88	-	-	68.2	-11.32	288	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/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.454	44.23	Pk	35.2	-20.4	0	59.03	-	-	74	-14.97	260	133	V
6	* 5.459	34.53	RMS	35.3	-20.4	0.19	49.62	54	-4.38	-	-	260	133	V
1	* 5.46	42.06	Pk	35.2	-20.4	0	56.86	-	-	74	-17.14	260	133	V
5	* 5.46	32.74	RMS	35.2	-20.4	0.19	47.73	54	-6.27	-	-	260	133	V
4	5.469	46.41	Pk	35.3	-20.5	0	61.21	-	-	68.2	-6.99	260	133	V
3	5.47	41.58	Pk	35.3	-20.5	0	56.38	-	-	68.2	-11.82	260	133	V

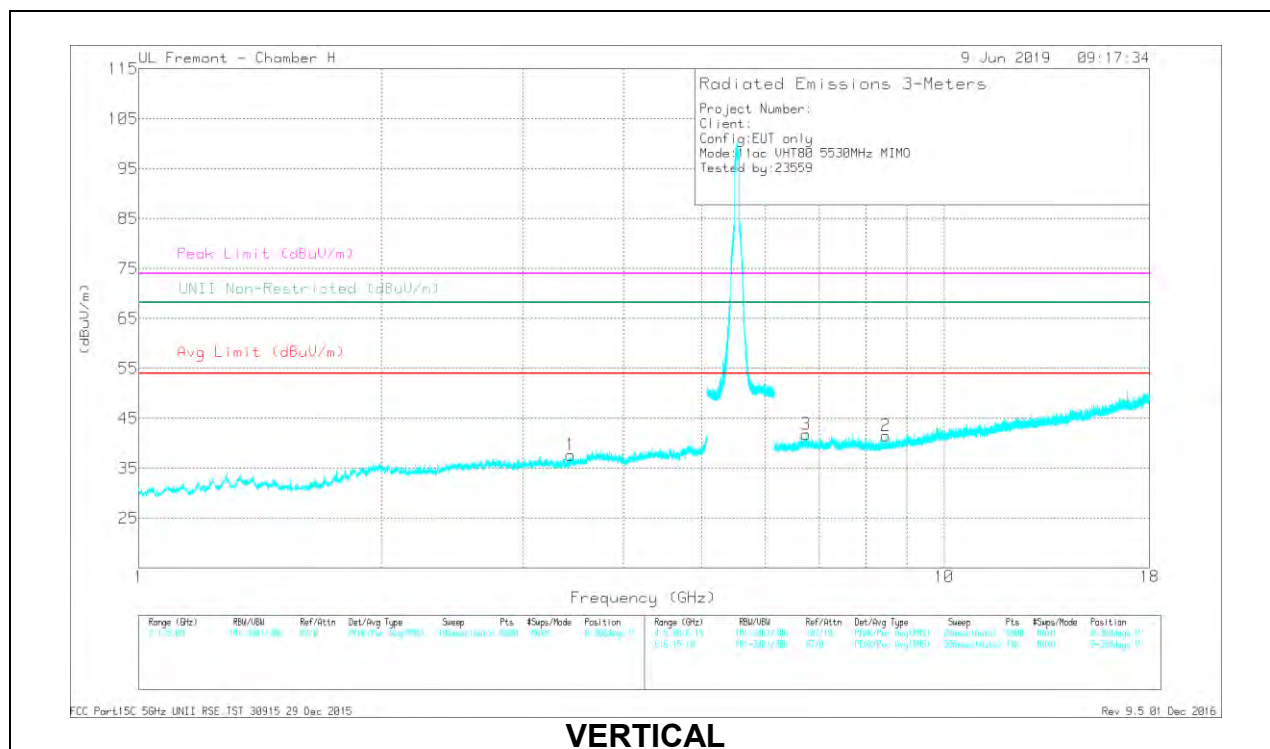
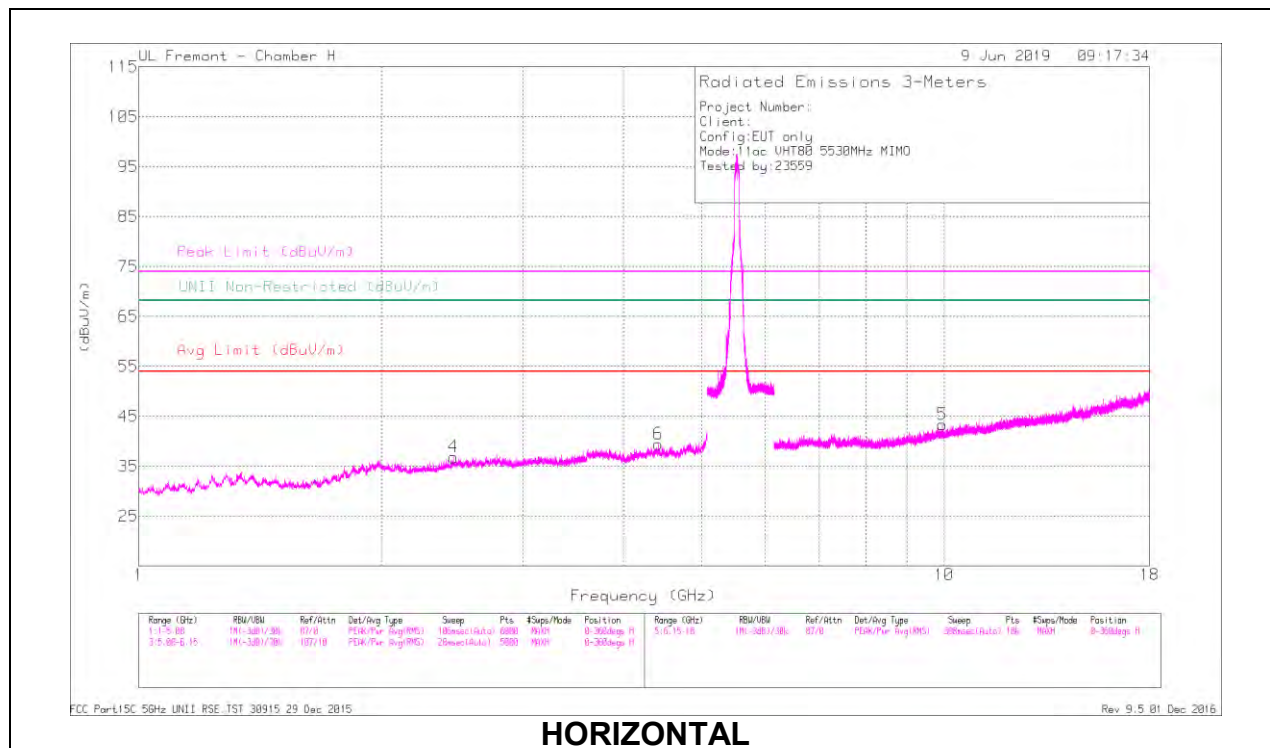
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

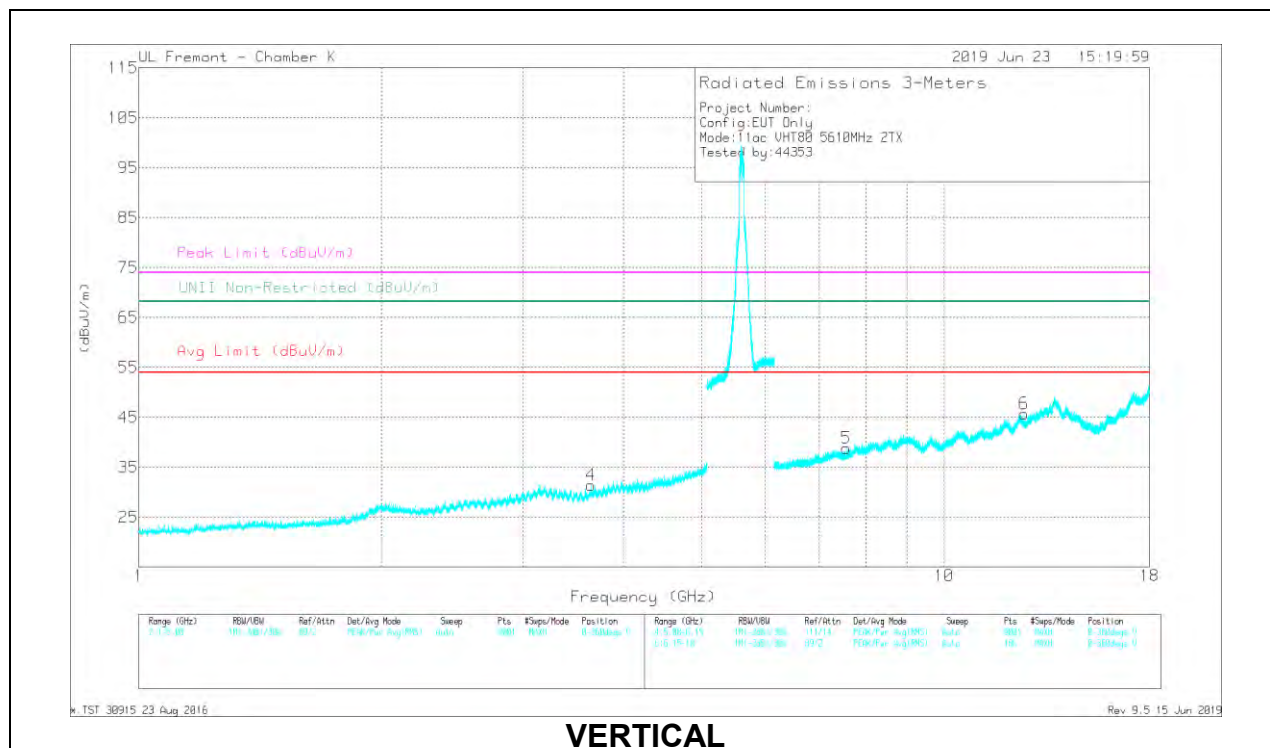
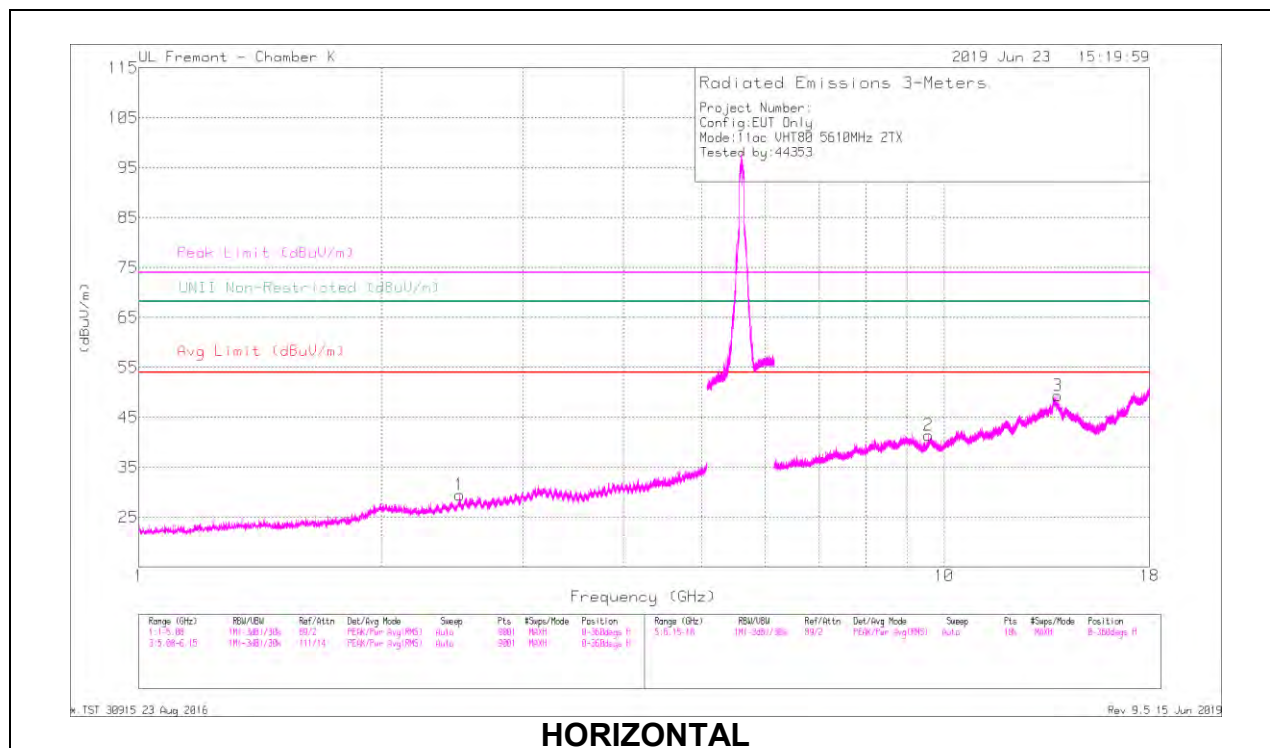
Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 8.473	38.37	PK-U	35.8	-26.2	0	47.97	-	-	74	-26.03	-	-	161	103	V
	* 8.473	26.79	ADR	35.8	-26.2	0.19	36.58	54	-17.42	-	-	-	-	161	103	V
4	2.461	43.19	PK-U	32.2	-31.9	0	43.49	-	-	-	-	68.2	-24.71	249	172	H
1	3.434	42.69	PK-U	32.7	-30.9	0	44.49	-	-	-	-	68.2	-23.71	307	248	V
6	4.42	42.98	PK-U	33.8	-30.5	0	46.28	-	-	-	-	68.2	-21.92	235	155	H
3	6.734	39.79	PK-U	36.9	-28.3	0	48.39	-	-	-	-	68.2	-19.81	282	175	V
5	9.944	36.28	PK-U	37.1	-24	0	49.38	-	-	-	-	68.2	-18.82	325	208	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

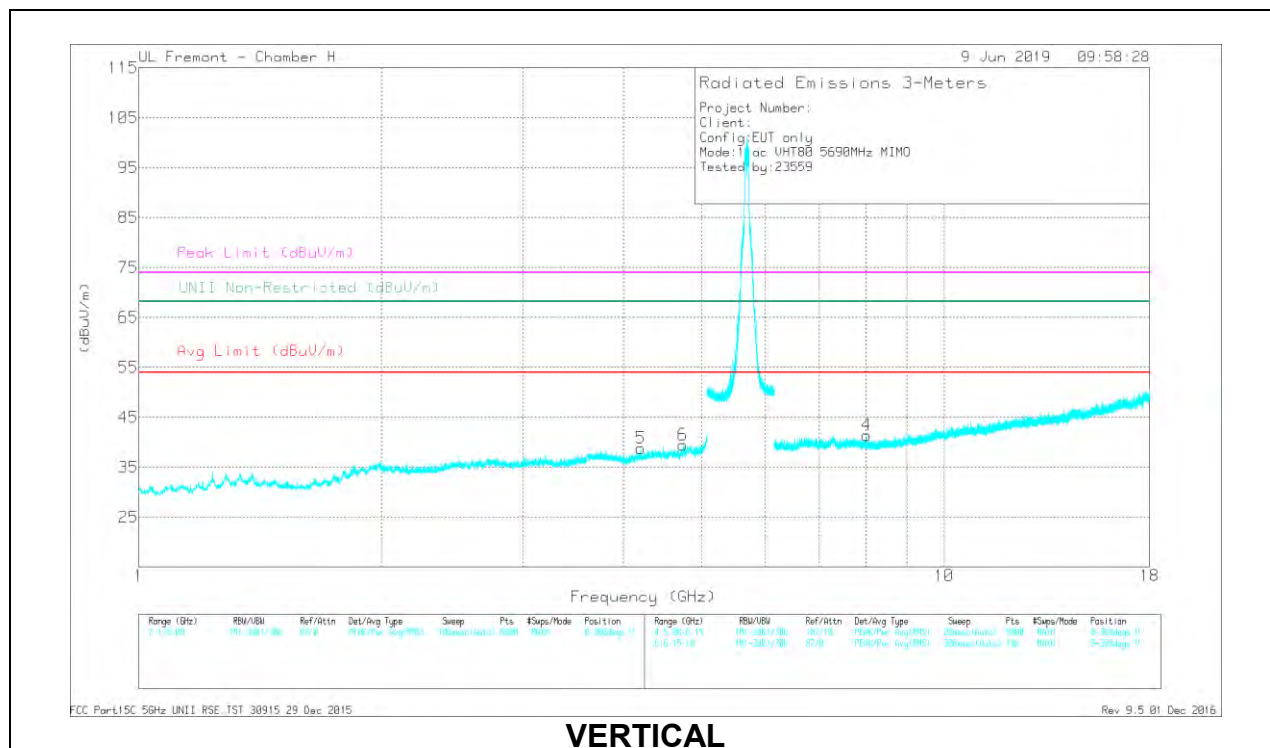
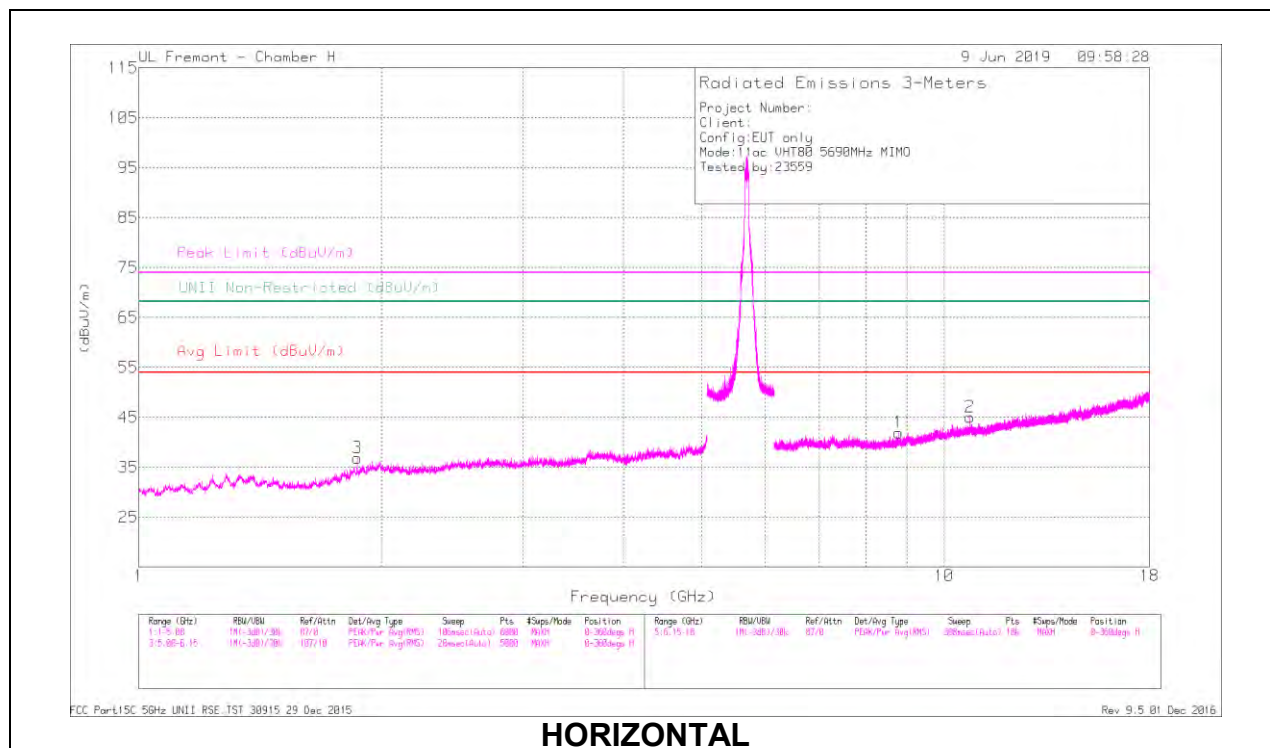
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2.50256	42.52	PK-U	28.6	-34.9	0	36.22	-	-	-	-	68.2	-31.98	312	101	H
2.50437	32.73	ADR	28.6	-34.9	0.19	26.62	-	-	-	-	-	-	312	101	H
* 3.648	41	PK-U	30	-32.4	0	38.6	-	-	74	-35.4	-	-	98	248	V
* 3.64779	30.2	ADR	30	-32.4	0.19	27.99	54	-26.01	-	-	-	-	98	248	V
9.5681	33.48	PK-U	38.2	-23.7	0	47.98	-	-	-	-	68.2	-20.22	126	287	H
13.83098	32.24	PK-U	42.7	-19	0	55.94	-	-	-	-	68.2	-12.26	302	210	H
* 7.55865	34.95	PK-U	37.1	-26.5	0	45.55	-	-	74	-28.45	-	-	253	149	V
* 7.55808	24.97	ADR	37.1	-26.5	0.19	35.76	54	-18.24	-	-	-	-	253	149	V
* 12.56738	32.12	PK-U	41.1	-20.5	0	52.72	-	-	74	-21.28	-	-	160	225	V
* 12.56985	21.42	ADR	41.1	-20.5	0.19	42.21	54	-11.77	-	-	-	-	160	225	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 4.198	41.35	PK-U	33.3	-30.5	0	44.15	-	-	74	-29.85	-	-	152	217	V
	* 4.197	30.27	ADR	33.3	-30.5	0.19	33.26	54	-20.74	-	-	-	-	152	217	V
6	* 4.74	42.24	PK-U	34	-29.7	0	46.54	-	-	74	-27.46	-	-	355	345	V
	* 4.744	30.2	ADR	34	-29.7	0.19	34.69	54	-19.31	-	-	-	-	355	345	V
2	* 10.772	35.45	PK-U	37.8	-23.4	0	49.85	-	-	74	-24.15	-	-	0	316	H
	* 10.772	24.4	ADR	37.8	-23.4	0.19	38.99	54	-15.01	-	-	-	-	0	316	H
3	1.867	44.07	PK-U	31	-32.5	0	42.57	-	-	-	-	68.2	-25.63	251	168	H
4	8.018	37.5	PK-U	36	-26.1	0	47.4	-	-	-	-	68.2	-20.8	144	400	V
1	8.786	36.56	PK-U	36.1	-25.3	0	47.36	-	-	-	-	68.2	-20.84	255	241	H

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

PK-U - U-NII: Maximum Peak

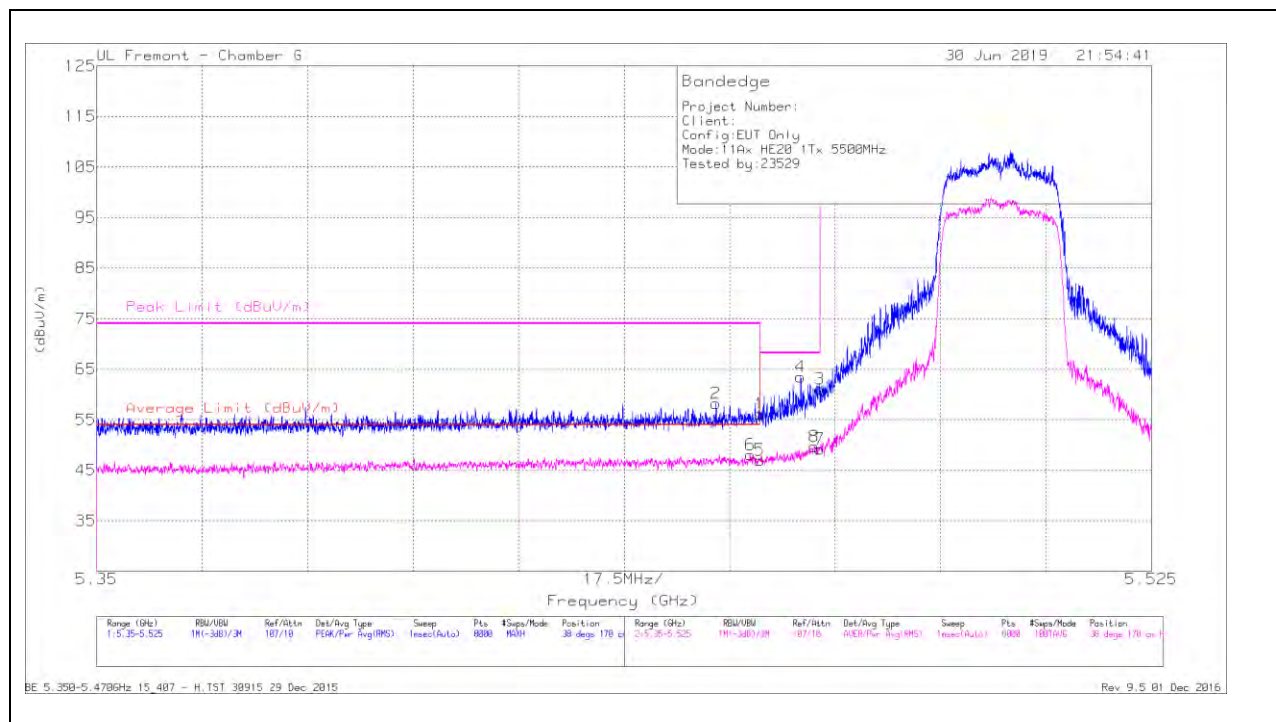
ADR - U-NII AD primary method, RMS average

1.1.16. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FiltriP ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.66	Pk	34.7	-20.2	0	56.16	-	-	74	-17.84	38	170	H
2	* 5.453	43.61	Pk	34.7	-20.1	0	58.21	-	-	74	-15.79	38	170	H
5	* 5.46	32.5	RMS	34.7	-20.2	0	47	54	-7	-	-	38	170	H
6	* 5.458	33.41	RMS	34.7	-20.1	0	48.01	54	-5.99	-	-	38	170	H
4	5.467	49.09	Pk	34.6	-20.2	0	63.49	-	-	68.2	-4.71	38	170	H
8	5.469	35.18	RMS	34.7	-20.2	0	49.68	-	-	-	-	38	170	H
3	5.47	46.67	Pk	34.6	-20.2	0	61.07	-	-	68.2	-7.13	38	170	H
7	5.47	34.72	RMS	34.6	-20.2	0	49.12	-	-	-	-	38	170	H

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

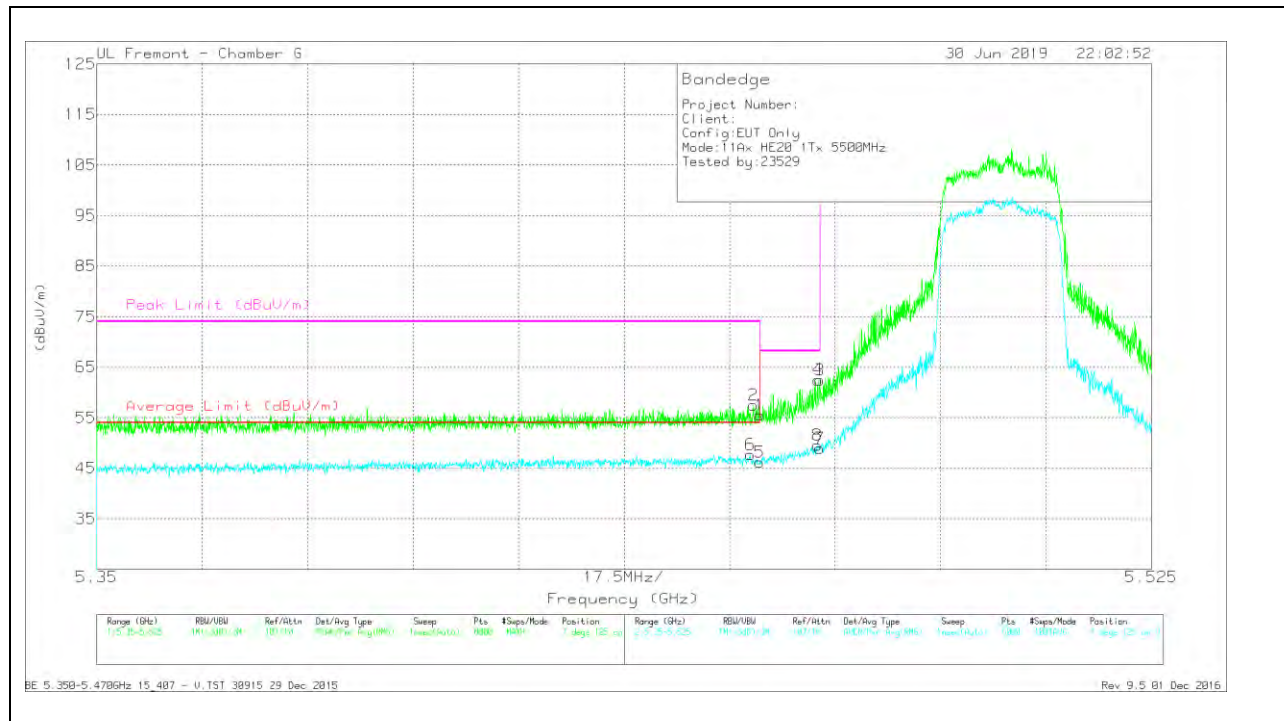
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.99	Pk	34.7	-20.2	0	55.49	-	-	74	-18.51	7	125	V
2	* 5.459	42.93	Pk	34.7	-20.1	0	57.53	-	-	74	-16.47	7	125	V
5	* 5.46	31.69	RMS	34.7	-20.2	0	46.19	54	-7.81	-	-	7	125	V
6	* 5.458	33.08	RMS	34.7	-20.1	0	47.68	54	-6.32	-	-	7	125	V
3	5.47	48.05	Pk	34.6	-20.2	0	62.45	-	-	68.2	-5.75	7	125	V
4	5.47	48.12	Pk	34.6	-20.2	0	62.52	-	-	68.2	-5.68	7	125	V
7	5.47	34.48	RMS	34.6	-20.2	0	48.88	-	-	-	-	7	125	V
8	5.47	35.15	RMS	34.6	-20.2	0	49.55	-	-	-	-	7	125	V

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

Pk - Peak detector

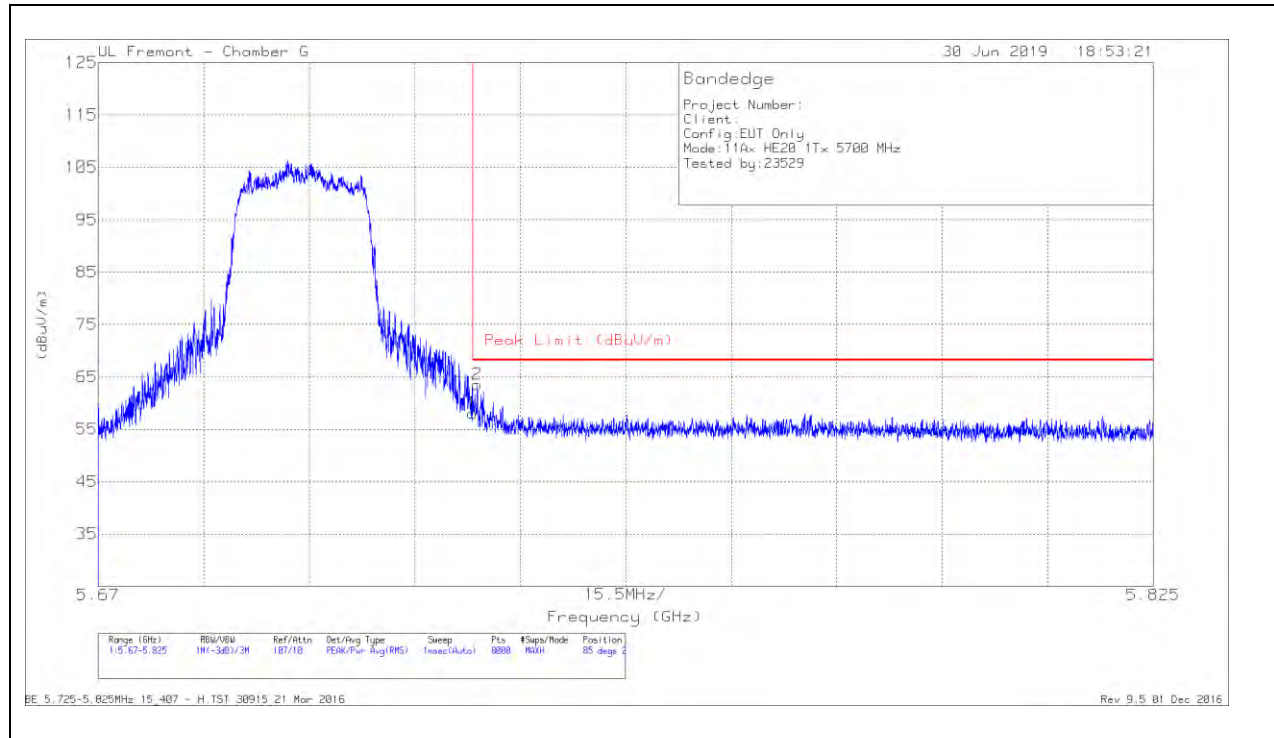
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

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BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

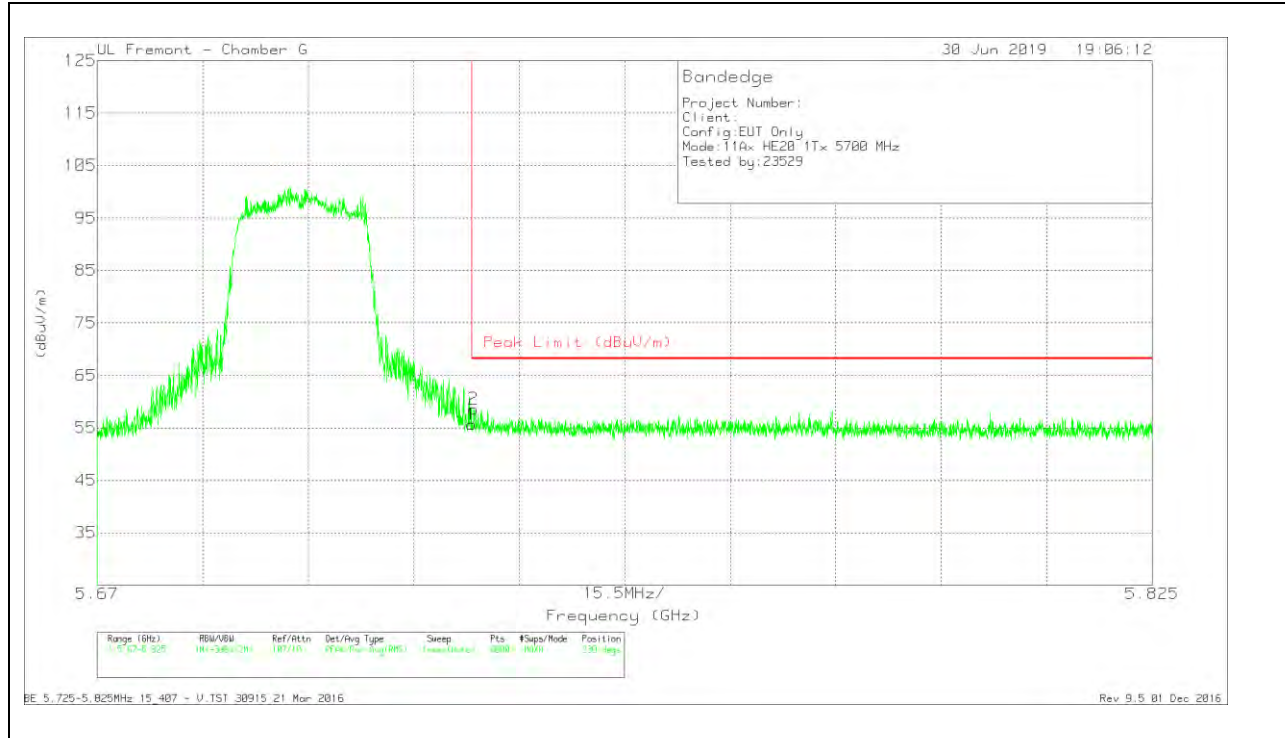


Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.98	Pk	35.1	-20	0	58.08	68.2	-10.12	85	269	H
2	5.726	48.43	Pk	35.1	-20	0	63.53	68.2	-4.67	85	269	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H-TST 30915 21 Mar 2016
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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.53	Pk	35.1	-20	0	55.63	68.2	-12.57	230	210	V
2	5.725	43.48	Pk	35.1	-20	0	58.58	68.2	-9.62	230	210	V

Pk - Peak detector

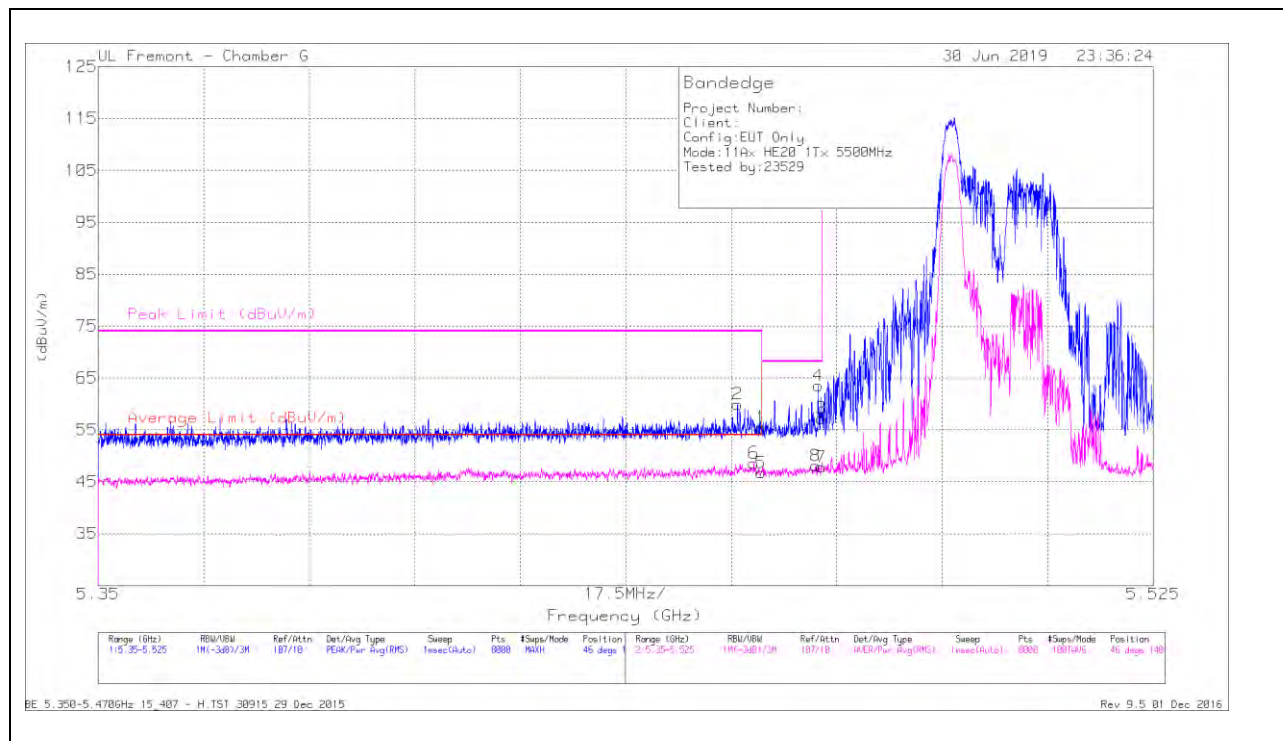
BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

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1TX Antenna 6 MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.9	Pk	34.7	-20.2	0	55.4	-	-	74	-18.6	46	140	H
2	* 5.456	45.24	Pk	34.8	-20.1	0	59.94	-	-	74	-14.06	46	140	H
5	* 5.46	32.23	RMS	34.7	-20.2	0	46.73	54	-7.27	-	-	46	140	H
6	* 5.459	33.99	RMS	34.7	-20.1	0	48.59	54	-5.41	-	-	46	140	H
4	5.469	49.02	Pk	34.7	-20.2	0	63.52	-	-	68.2	-4.68	46	140	H
8	5.469	33.56	RMS	34.7	-20.2	0	48.06	-	-	-	-	46	140	H
3	5.47	42.83	Pk	34.6	-20.2	0	57.23	-	-	68.2	-10.97	46	140	H
7	5.47	33.44	RMS	34.6	-20.2	0	47.84	-	-	-	-	46	140	H

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

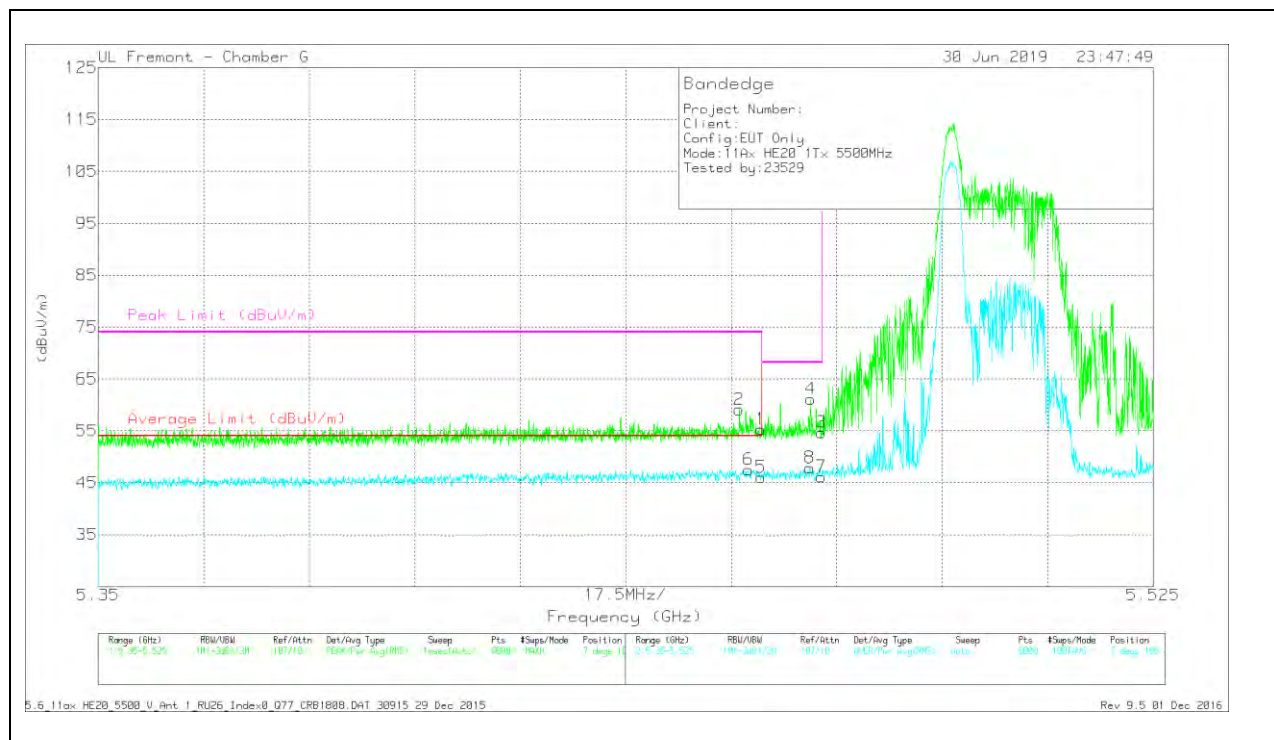
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (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	* 5.46	40.78	Pk	34.7	-20.2	0	55.28	-	-	74	-18.72	7	105	V
2	* 5.456	44.42	Pk	34.8	-20.1	0	59.12	-	-	74	-14.88	7	105	V
5	* 5.46	31.55	RMS	34.7	-20.2	0	46.05	54	-7.95	-	-	7	105	V
6	* 5.458	32.93	RMS	34.7	-20.1	0	47.53	54	-6.47	-	-	7	105	V
4	5.468	46.67	Pk	34.7	-20.2	0	61.17	-	-	68.2	-7.03	7	105	V
8	5.468	33.49	RMS	34.6	-20.2	0	47.89	-	-	-	-	7	105	V
3	5.47	40.32	Pk	34.6	-20.2	0	54.72	-	-	68.2	-13.48	7	105	V
7	5.47	31.74	RMS	34.6	-20.2	0	46.14	-	-	-	-	7	105	V

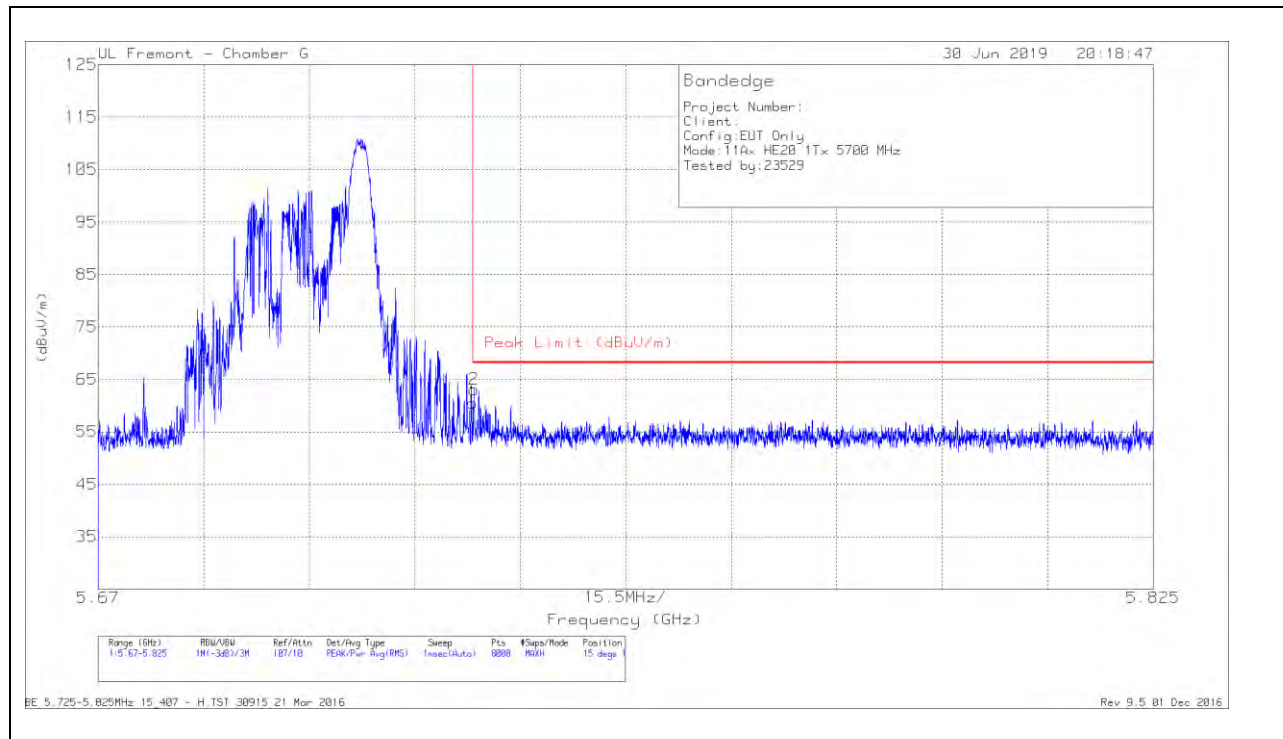
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

5.6_11ax HE20_5500_V_Ant_1_RU26_Index0_Q77_CRB1808.DAT 30915 29 Dec 2015

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1TX Antenna 6 MODE – 26 Tones, RU Index 8**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

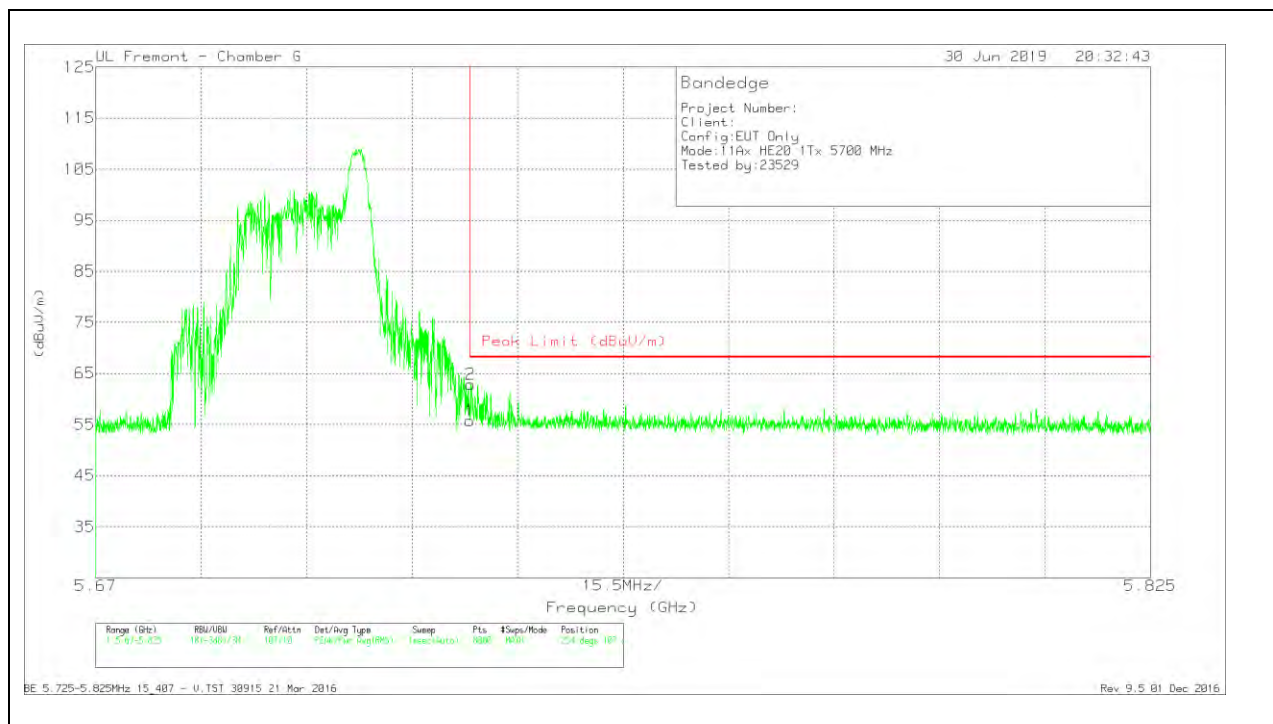
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.41	Pk	35.1	-20	0	60.51	68.2	-7.69	15	189	H
2	5.725	47.97	Pk	35.1	-20	0	63.07	68.2	-5.13	15	189	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.71	Pk	35.1	-20	0	55.81	68.2	-12.39	254	107	V
2	5.725	47.82	Pk	35.1	-20	0	62.92	68.2	-5.28	254	107	V

Pk - Peak detector

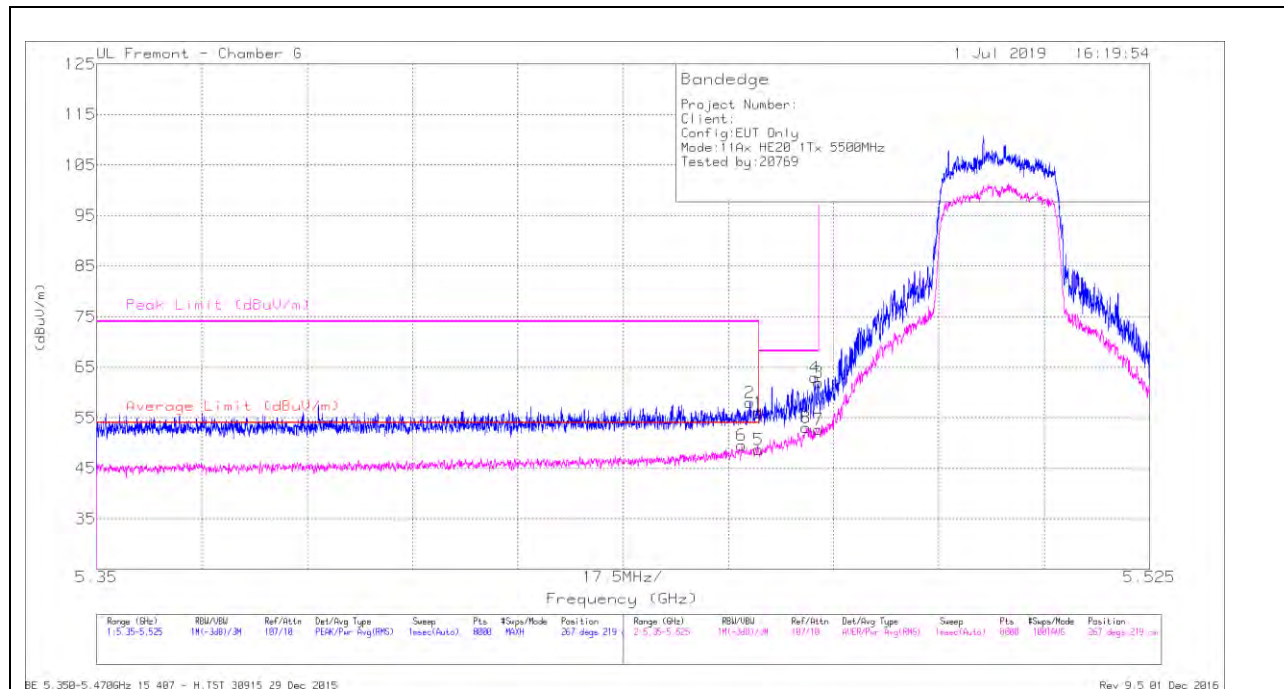
BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Ctrl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.54	Pk	34.7	-20.2	0	56.04	-	-	74	-17.96	267	219	H
2	* 5.459	43.39	Pk	34.7	-20.1	0	57.99	-	-	74	-16.01	267	219	H
5	* 5.46	34.23	RMS	34.7	-20.2	0	48.73	54	-5.27	-	-	267	219	H
6	* 5.457	34.99	RMS	34.7	-20.1	0	49.59	54	-4.41	-	-	267	219	H
8	5.468	38.6	RMS	34.6	-20.2	0	53	-	-	-	-	267	219	H
4	5.469	48.5	Pk	34.7	-20.2	0	63	-	-	68.2	-5.2	267	219	H
3	5.47	47.61	Pk	34.6	-20.2	0	62.01	-	-	68.2	-6.19	267	219	H
7	5.47	38.29	RMS	34.6	-20.2	0	52.69	-	-	-	-	267	219	H

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

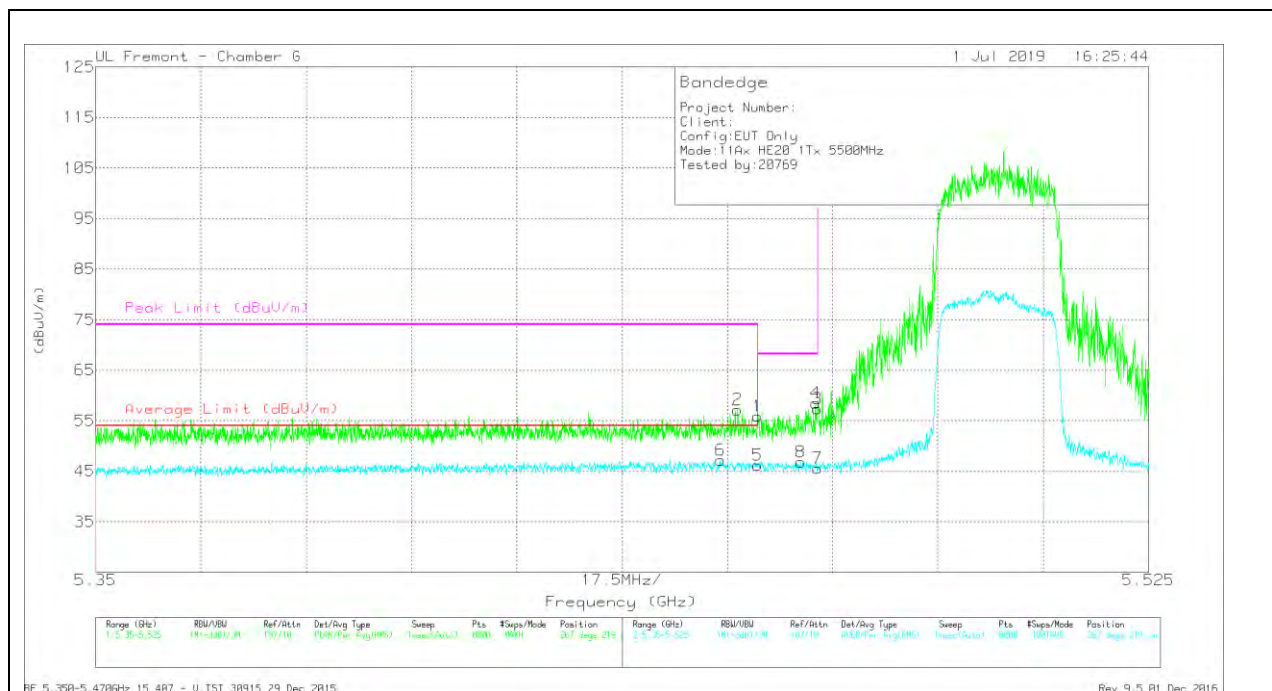
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.4	Pk	34.7	-20.2	0	55.9	-	-	74	-18.1	267	219	V
2	* 5.457	42.48	Pk	34.8	-20.1	0	57.18	-	-	74	-16.82	267	219	V
5	* 5.46	31.68	RMS	34.7	-20.2	0	46.18	54	-7.82	-	-	267	219	V
6	* 5.454	32.52	RMS	34.8	-20.1	0	47.22	54	-6.78	-	-	267	219	V
8	5.467	32.46	RMS	34.6	-20.2	0	46.86	-	-	-	-	267	219	V
3	5.47	42.97	Pk	34.6	-20.2	0	57.37	-	-	68.2	-10.83	267	219	V
4	5.47	44.04	Pk	34.6	-20.2	0	58.44	-	-	68.2	-9.76	267	219	V
7	5.47	31.18	RMS	34.6	-20.2	0	45.58	-	-	-	-	267	219	V

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

Pk - Peak detector

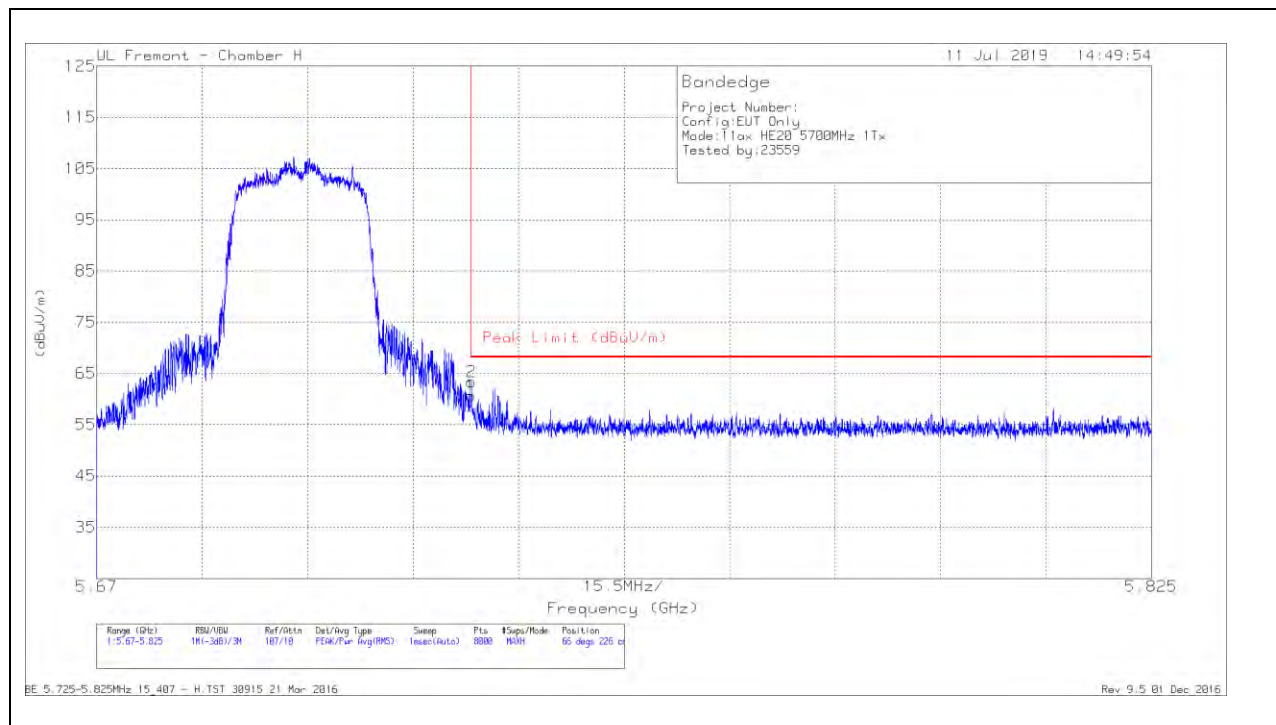
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

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BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



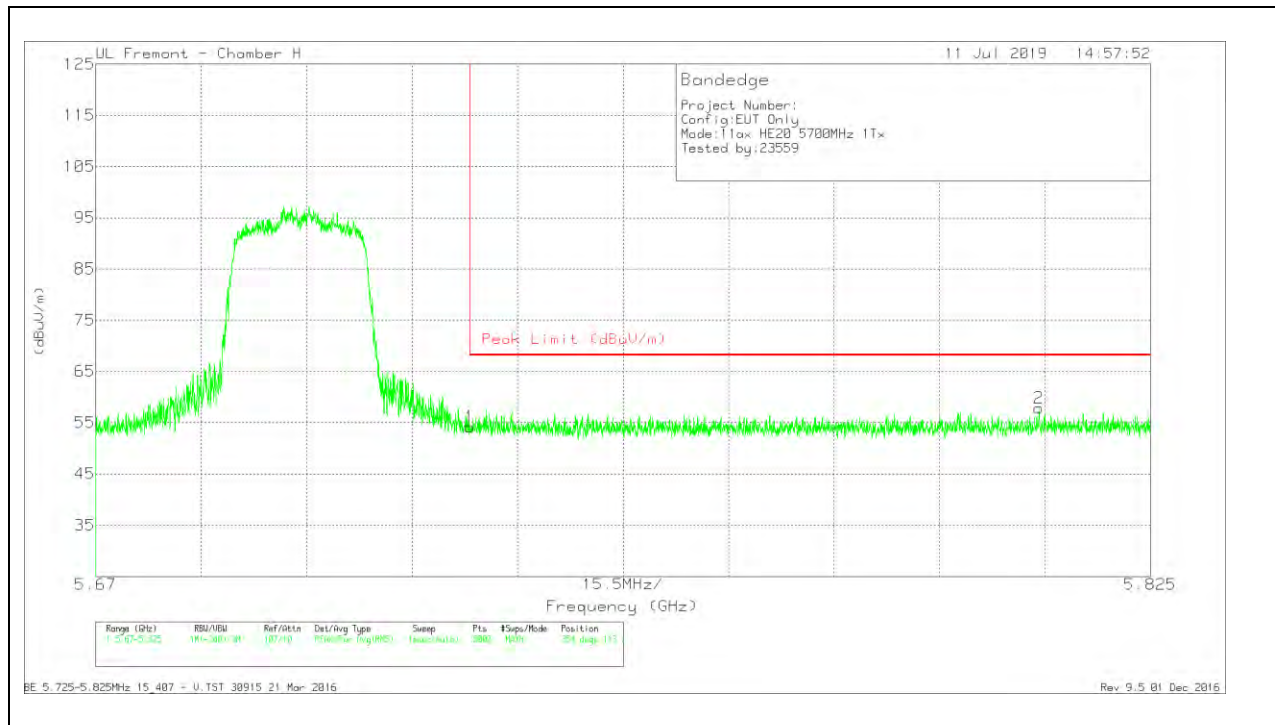
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.4	Pk	35	-20.7	0	60.7	68.2	-7.5	66	226	H
2	5.725	49.05	Pk	35	-20.7	0	63.35	68.2	-4.85	66	226	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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VERTICAL RESULT

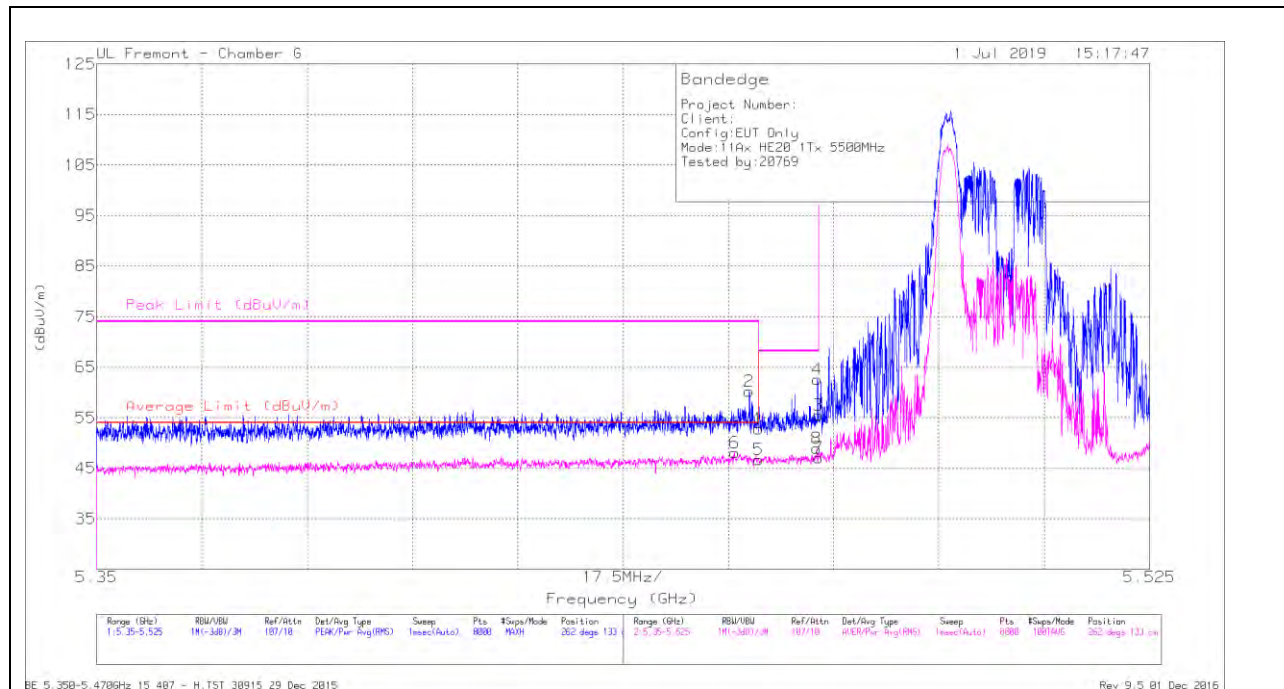


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.84	Pk	35	-20.7	0	54.14	68.2	-14.06	354	113	V
2	5.809	43.27	Pk	35.1	-20.5	0	57.87	68.2	-10.33	354	113	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

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1TX Antenna 5 MODE – 26 Tones, RU Index 0**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Ctrl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.28	Pk	34.7	-20.2	0	52.78	-	-	74	-21.22	262	133	H
2	* 5.458	45.58	Pk	34.7	-20.1	0	60.18	-	-	74	-13.82	262	133	H
5	* 5.46	32.22	RMS	34.7	-20.2	0	46.72	54	-7.28	-	-	262	133	H
6	* 5.456	33.31	RMS	34.8	-20.1	0	48.01	54	-5.99	-	-	262	133	H
3	5.47	41.09	Pk	34.6	-20.2	0	55.49	-	-	68.2	-12.71	262	133	H
4	5.47	48.13	Pk	34.6	-20.2	0	62.53	-	-	68.2	-5.67	262	133	H
7	5.47	32.67	RMS	34.6	-20.2	0	47.07	-	-	-	-	262	133	H
8	5.47	34.47	RMS	34.6	-20.2	0	48.87	-	-	-	-	262	133	H

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

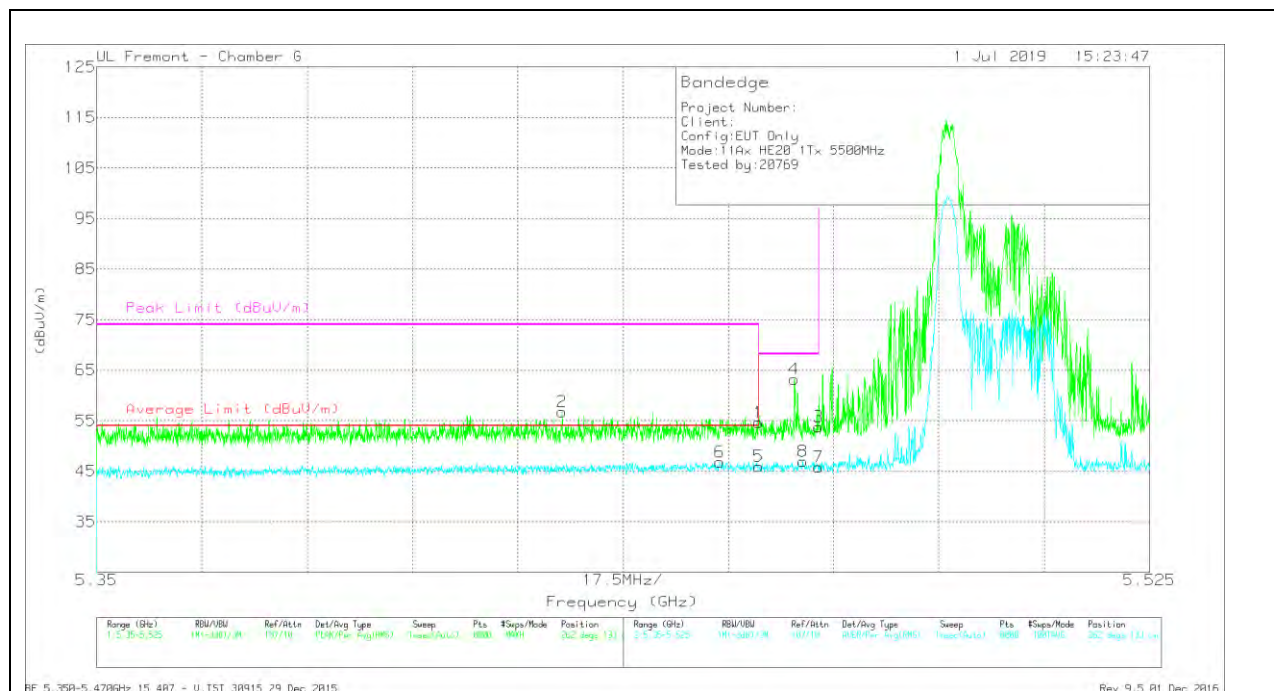
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.14	Pk	34.7	-20.2	0	54.64	-	-	74	-19.36	262	133	V
2	* 5.427	42.1	Pk	34.7	-20.1	0	56.7	-	-	74	-17.3	262	133	V
5	* 5.46	31.46	RMS	34.7	-20.2	0	45.96	54	-8.04	-	-	262	133	V
6	* 5.454	32.16	RMS	34.8	-20.1	0	46.86	54	-7.14	-	-	262	133	V
4	5.466	48.78	Pk	34.6	-20.2	0	63.18	-	-	68.2	-5.02	262	133	V
8	5.467	32.52	RMS	34.6	-20.2	0	46.92	-	-	-	-	262	133	V
3	5.47	39.36	Pk	34.6	-20.2	0	53.76	-	-	68.2	-14.44	262	133	V
7	5.47	31.45	RMS	34.6	-20.2	0	45.85	-	-	-	-	262	133	V

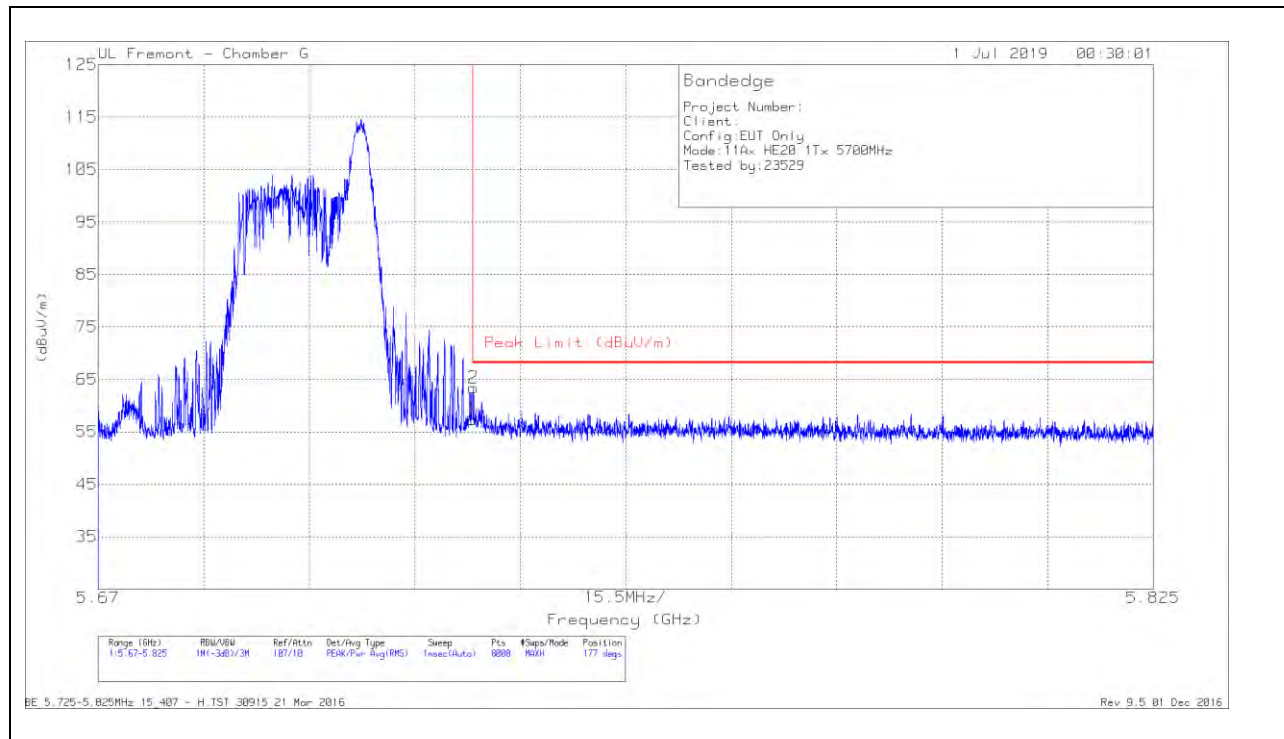
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 26 Tones, RU Index 8**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

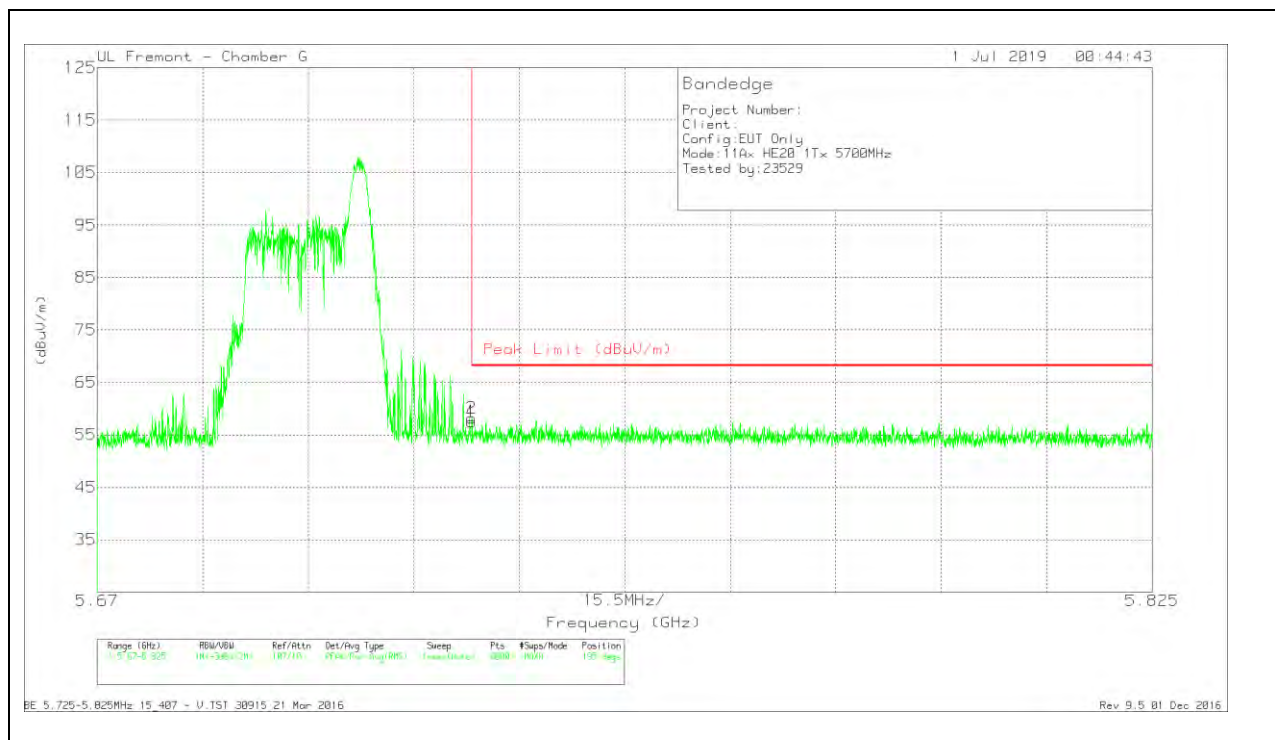
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.25	Pk	35.1	-20	0	57.35	68.2	-10.85	177	220	H
2	5.725	48.28	Pk	35.1	-20	0	63.38	68.2	-4.82	177	220	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT

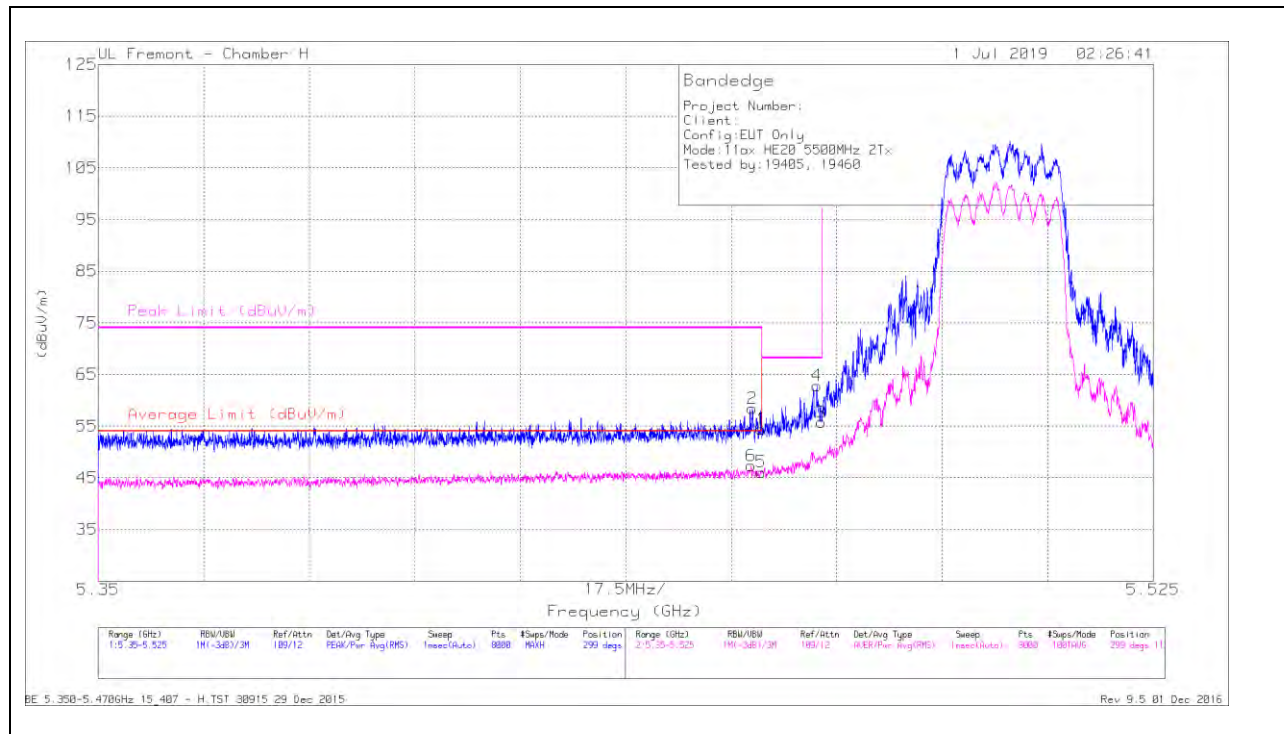


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.38	Pk	35.1	-20	0	57.48	68.2	-10.72	195	136	V
2	5.725	43.06	Pk	35.1	-20	0	58.16	68.2	-10.04	195	136	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 242 Tones, RU Index 61**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbf/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.6	Pk	35.2	-20.4	0	54.4	-	-	74	-19.6	299	112	H
2	* 5.458	43.71	Pk	35.3	-20.6	0	58.41	-	-	74	-15.59	299	112	H
3	5.47	40.95	Pk	35.3	-20.5	0	55.75	-	-	68.2	-12.45	299	112	H
4	5.469	48.14	Pk	35.3	-20.6	0	62.84	-	-	68.2	-5.36	299	112	H
5	* 5.46	31.27	RMS	35.2	-20.4	0	46.07	54	-7.93	-	-	299	112	H
6	* 5.458	32.64	RMS	35.3	-20.6	0	47.34	54	-6.66	-	-	299	112	H

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

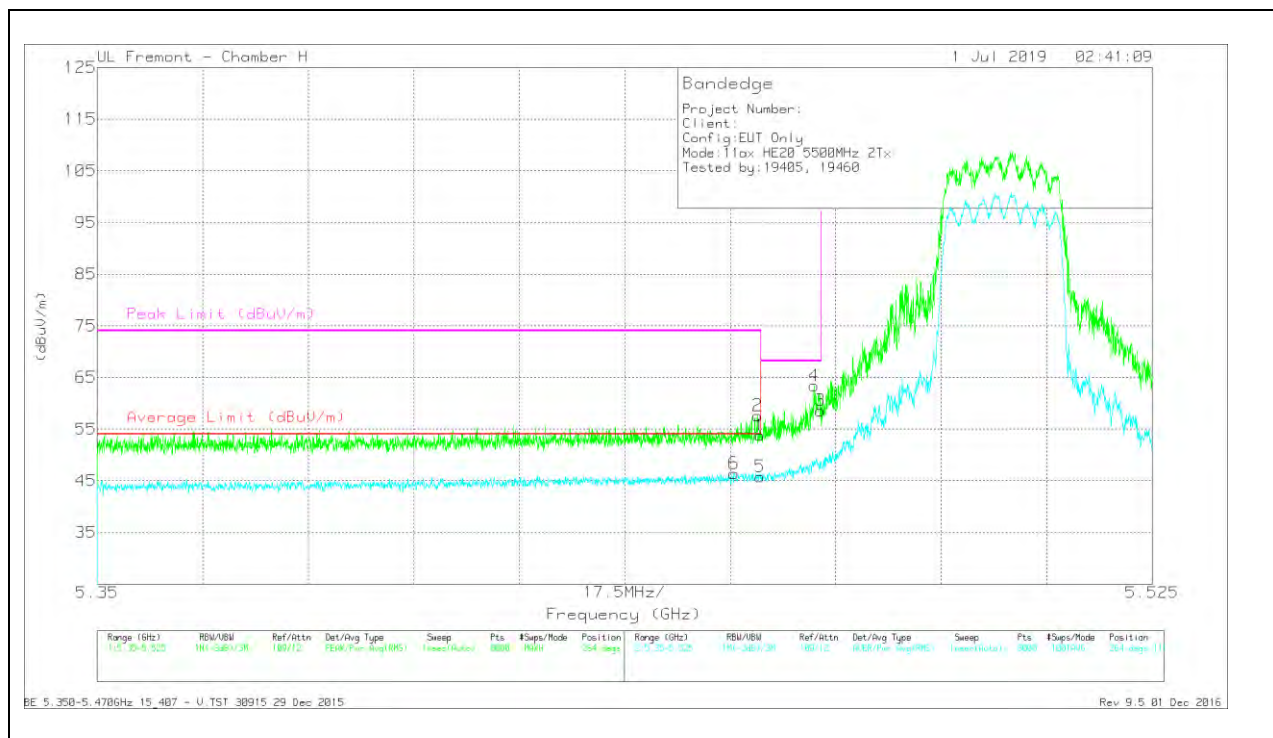
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.98	Pk	35.2	-20.4	0	53.78	-	-	74	-20.22	264	118	V
2	* 5.459	42.92	Pk	35.2	-20.5	0	57.62	-	-	74	-16.38	264	118	V
5	* 5.46	31	RMS	35.2	-20.4	0	45.8	54	-8.2	-	-	264	118	V
6	* 5.456	31.71	RMS	35.3	-20.6	0	46.41	54	-7.59	-	-	264	118	V
4	5.469	48.7	Pk	35.3	-20.6	0	63.4	-	-	68.2	-4.8	264	118	V
3	5.47	43.8	Pk	35.3	-20.5	0	58.6	-	-	68.2	-9.6	264	118	V

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

Pk - Peak detector

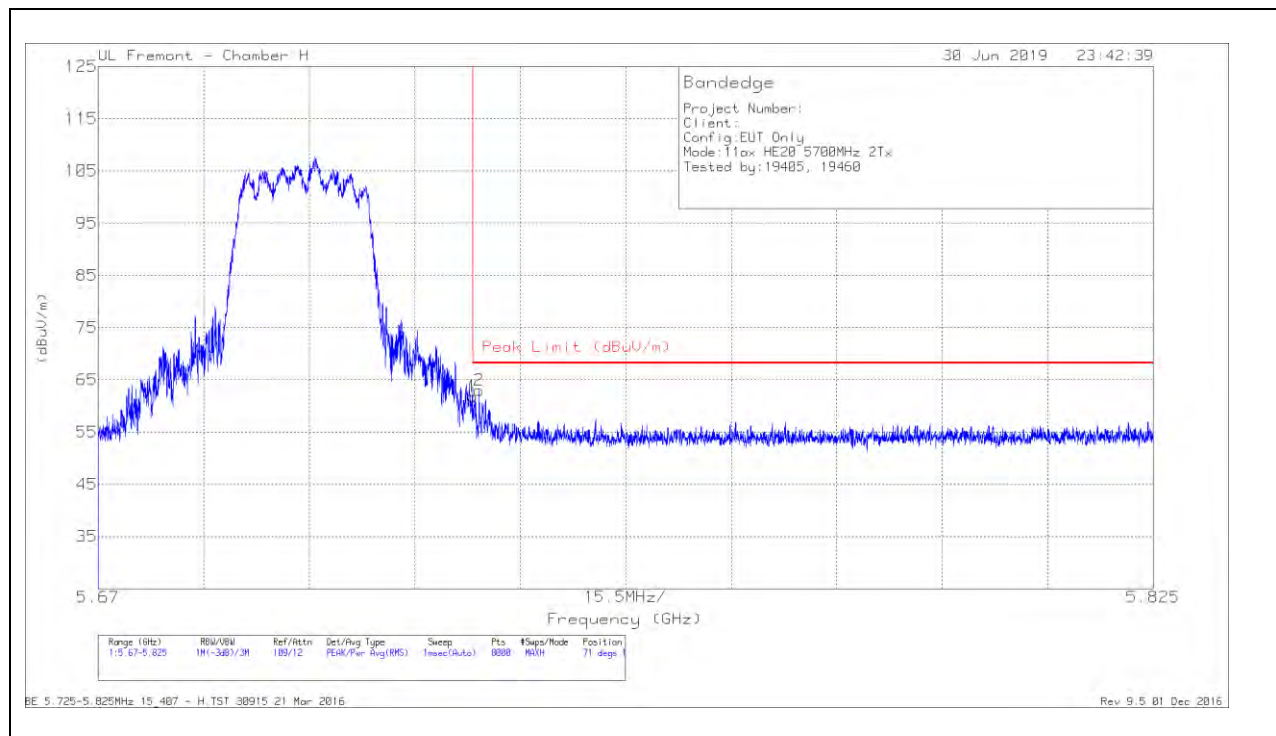
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

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BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



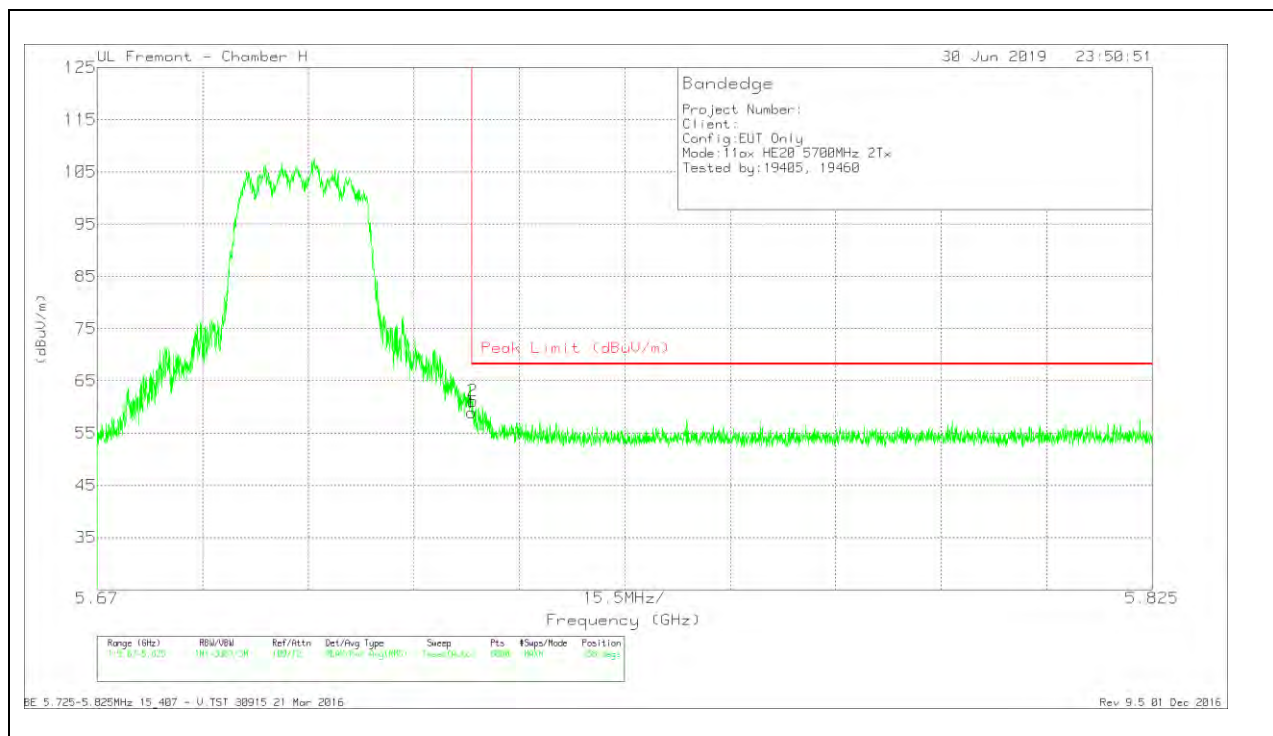
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.64	Pk	35	-19.8	0	61.84	68.2	-6.36	71	102	H
2	5.726	47.77	Pk	34.9	-19.7	0	62.97	68.2	-5.23	71	102	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.68	PK	35	-19.8	0	58.88	68.2	-9.32	258	100	V
2	5.725	45.95	PK	35	-19.8	0	61.15	68.2	-7.05	258	100	V

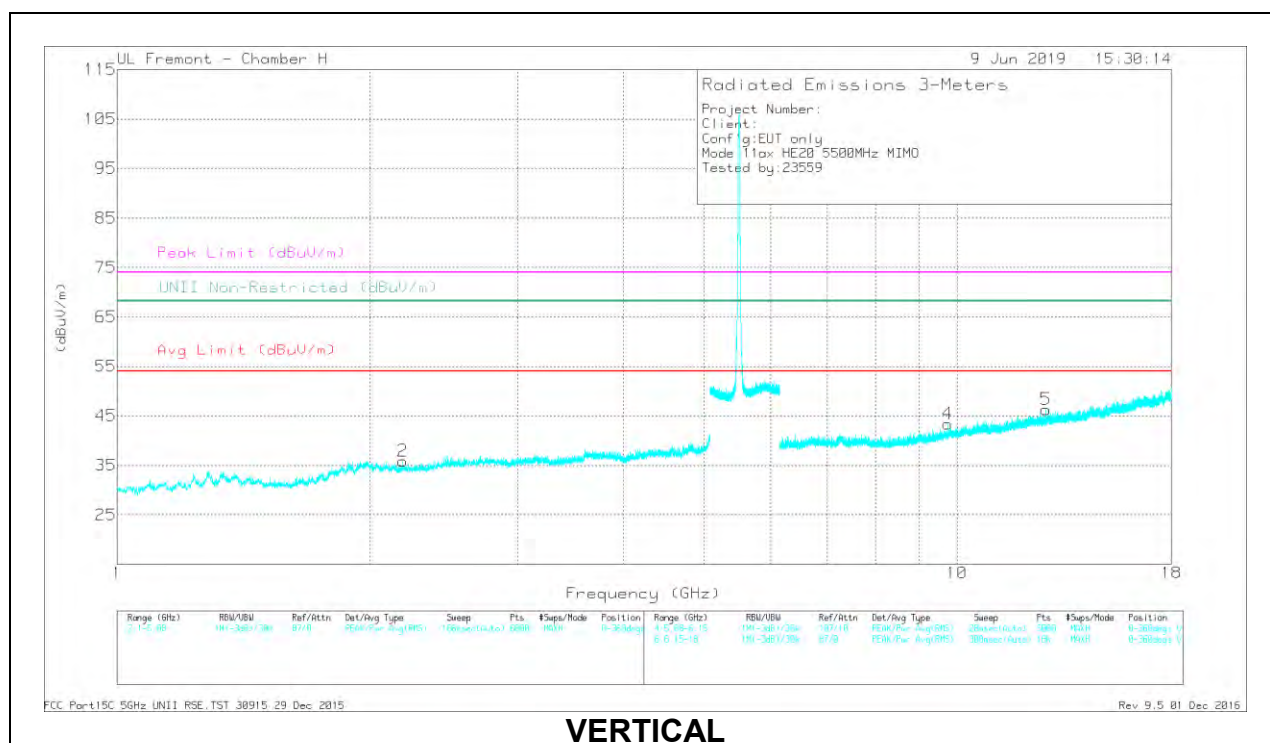
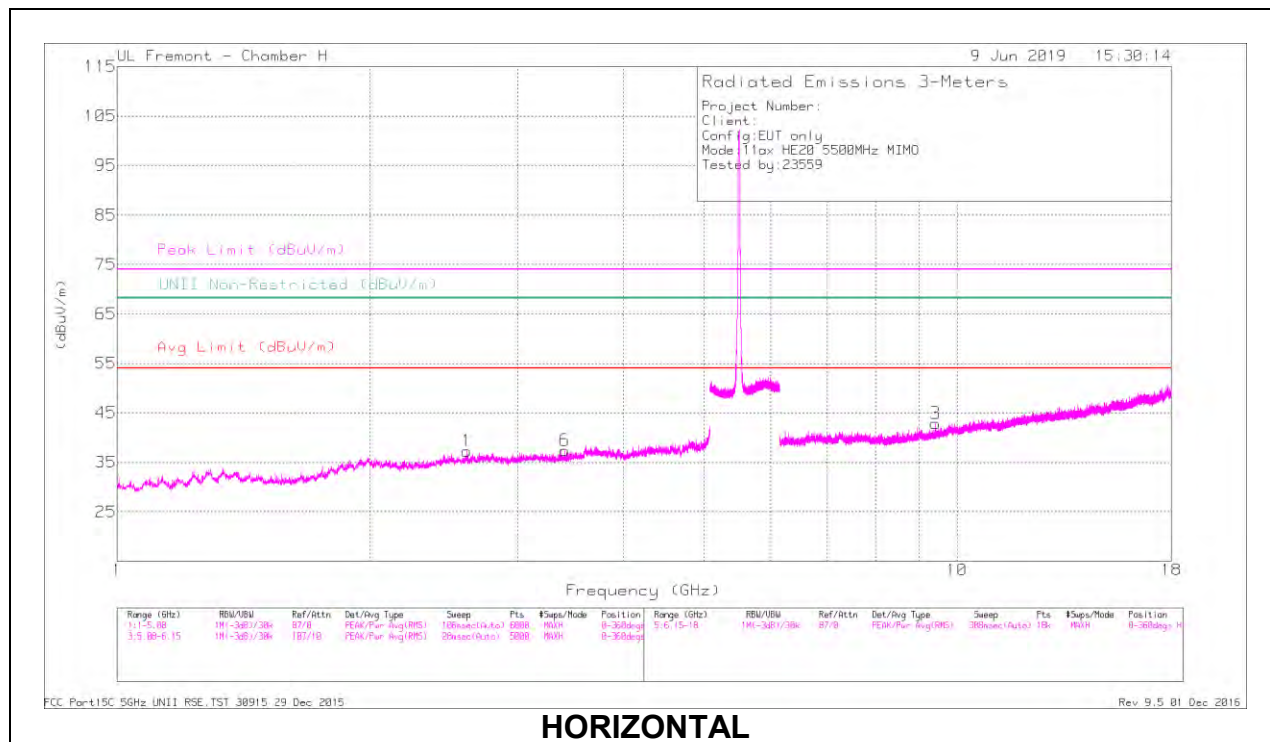
Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 9.426	36.73	PK-U	36.7	-24.8	0	48.63	-	-	74	-25.37	-	-	360	384	H
	* 9.428	25.55	ADR	36.7	-24.8	0	37.45	54	-16.55	-	-	-	-	360	384	H
2	2.186	43.23	PK-U	31.2	-31.9	0	42.53	-	-	-	-	68.2	-25.67	283	300	V
1	2.609	42.44	PK-U	32.6	-31.2	0	43.84	-	-	-	-	68.2	-24.36	265	166	H
6	3.412	42.36	PK-U	32.7	-30.9	0	44.16	-	-	-	-	68.2	-24.04	173	232	H
4	9.748	37.57	PK-U	37	-24.8	0	49.77	-	-	-	-	68.2	-18.43	225	240	V
5	12.761	36.14	PK-U	39.2	-23.4	0	51.94	-	-	-	-	68.2	-16.26	86	132	V

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

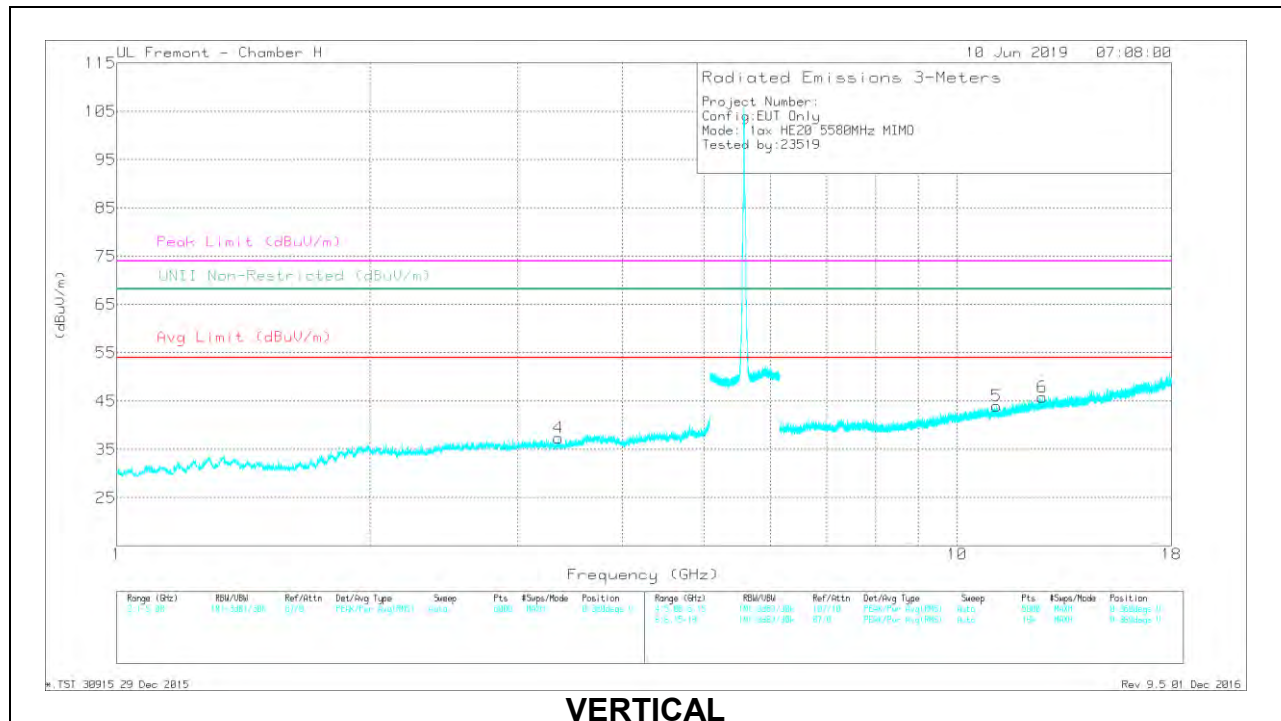
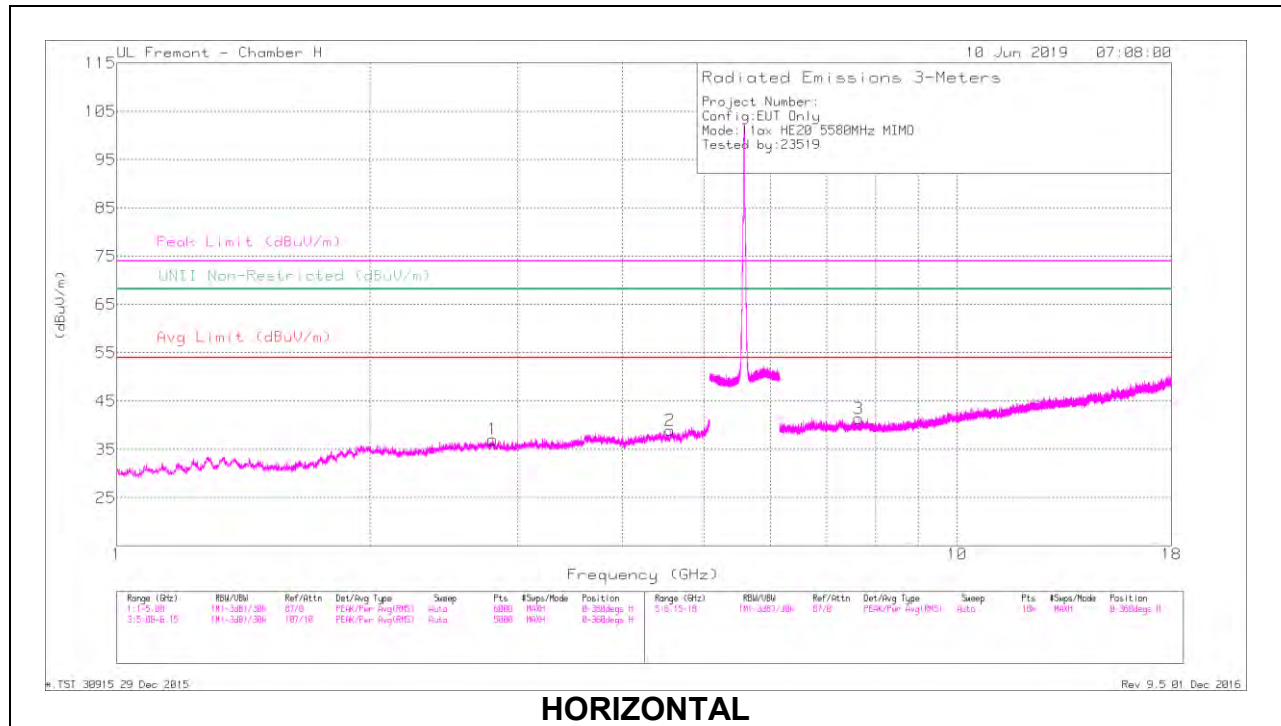
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.802	43.43	PK-U	32.5	-31.8	0	44.13	-	-	74	-29.87	-	-	246	207	H
	* 2.803	31.69	ADR	32.5	-31.8	0	32.39	54	-21.61	-	-	-	-	246	207	H
2	* 4.557	41.08	PK-U	34.2	-29.5	0	45.78	-	-	74	-28.22	-	-	131	237	H
	* 4.561	29.53	ADR	34.1	-29.7	0	33.93	54	-20.07	-	-	-	-	131	237	H
4	* 3.356	42.94	PK-U	32.7	-30.8	0	44.84	-	-	74	-29.16	-	-	218	289	V
	* 3.353	30.43	ADR	32.7	-30.8	0	32.33	54	-21.67	-	-	-	-	218	289	V
3	* 7.645	38.55	PK-U	36.6	-27.3	0	47.85	-	-	74	-26.15	-	-	351	380	H
	* 7.643	27.19	ADR	36.6	-27.3	0	36.49	54	-17.51	-	-	-	-	351	380	H
5	* 11.156	35.87	PK-U	37.9	-23.4	0	50.37	-	-	74	-23.63	-	-	178	290	V
	* 11.154	24.63	ADR	37.9	-23.4	0	39.13	54	-14.87	-	-	-	-	178	290	V
6	* 12.644	35.52	PK-U	39.2	-23	0	51.72	-	-	74	-22.28	-	-	28	171	V
	* 12.646	24.64	ADR	39.2	-22.9	0	40.94	54	-13.06	-	-	-	-	28	171	V

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

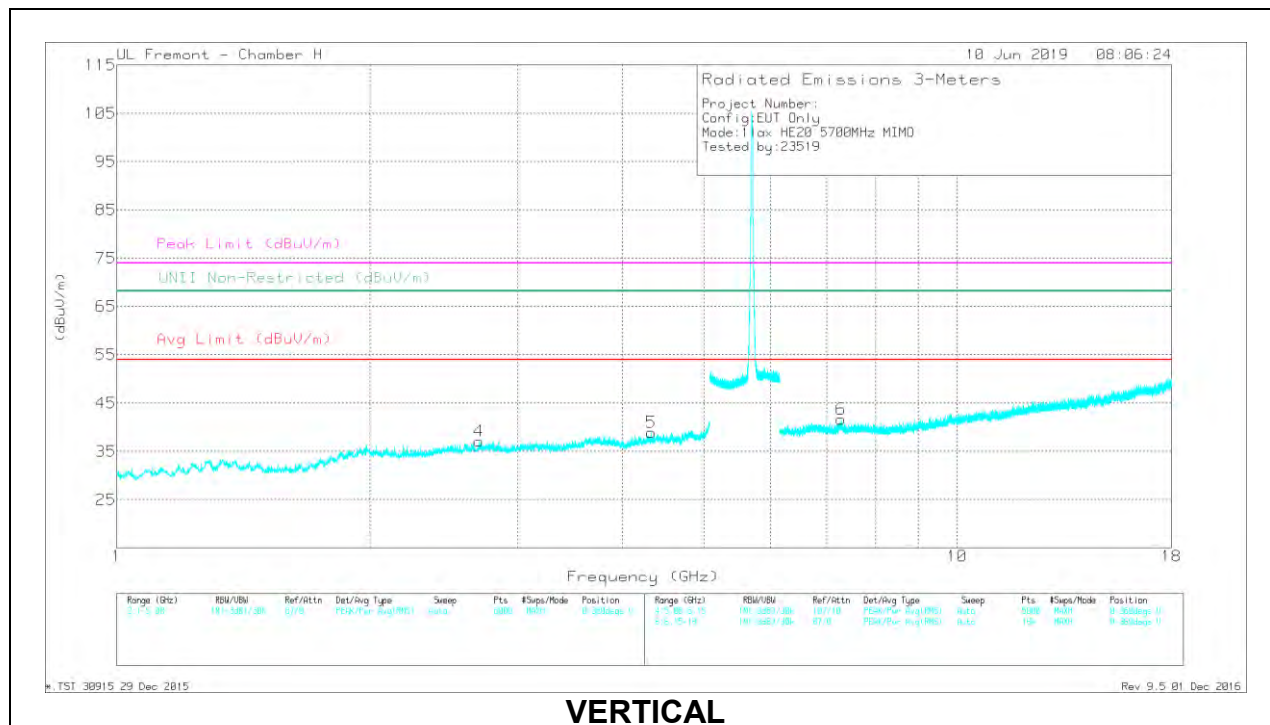
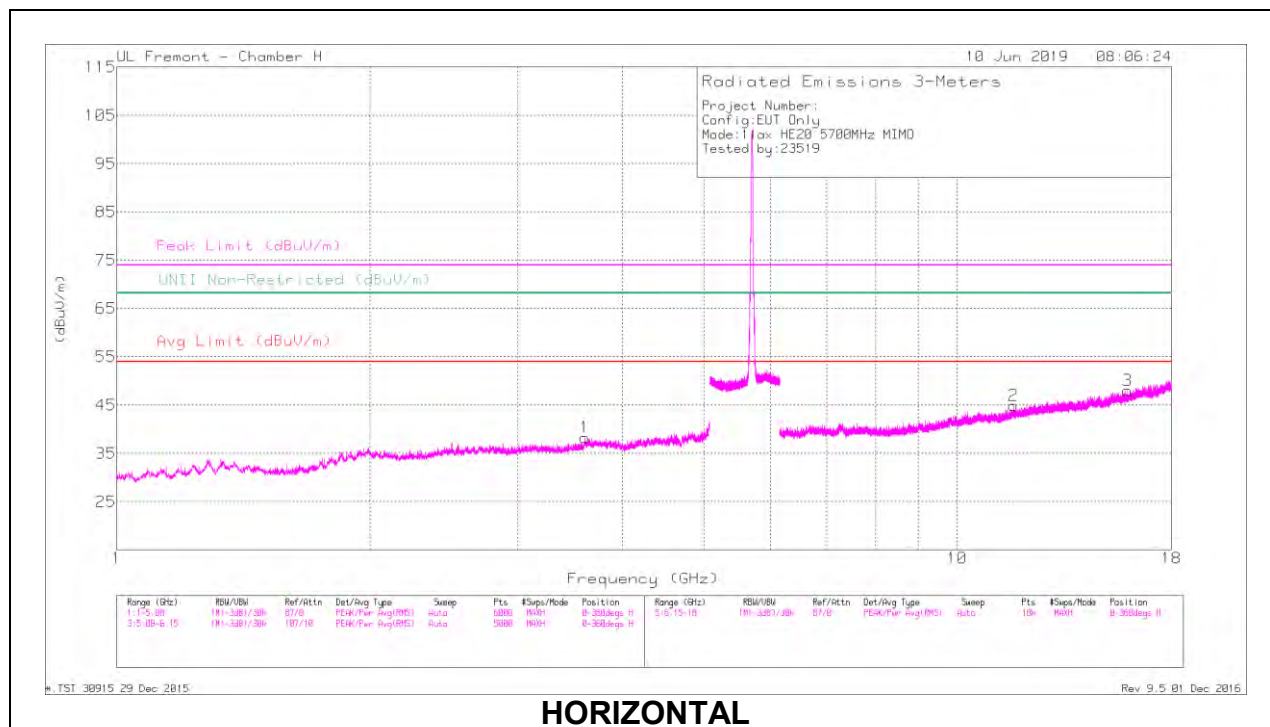
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.606	41.5	PK-U	33.1	-31	0	43.6	-	-	74	-30.4	-	-	92	224	H
	* 3.606	30.64	ADR	33.1	-31	0	32.74	54	-21.26	-	-	-	-	92	224	H
4	* 2.695	42.65	PK-U	32.6	-31.5	0	43.75	-	-	74	-30.25	-	-	215	196	V
	* 2.698	31.36	ADR	32.6	-31.6	0	32.36	54	-21.64	-	-	-	-	215	196	V
5	* 4.33	40.95	PK-U	33.8	-29.9	0	44.85	-	-	74	-29.15	-	-	105	234	V
	* 4.33	29.67	ADR	33.8	-29.9	0	33.57	54	-20.43	-	-	-	-	105	234	V
2	* 11.666	35.42	PK-U	38.5	-22.9	0	51.02	-	-	74	-22.98	-	-	168	300	H
	* 11.669	24.28	ADR	38.5	-22.9	0	39.88	54	-14.12	-	-	-	-	168	300	H
3	* 15.948	35.53	PK-U	40.8	-22.4	0	53.93	-	-	74	-20.07	-	-	83	196	H
	* 15.951	24.83	ADR	40.8	-22.4	0	43.23	54	-10.77	-	-	-	-	83	196	H
6	* 7.283	38.36	PK-U	36.3	-26.4	0	48.26	-	-	74	-25.74	-	-	174	295	V
	* 7.285	26.89	ADR	36.4	-26.5	0	36.79	54	-17.21	-	-	-	-	174	295	V

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

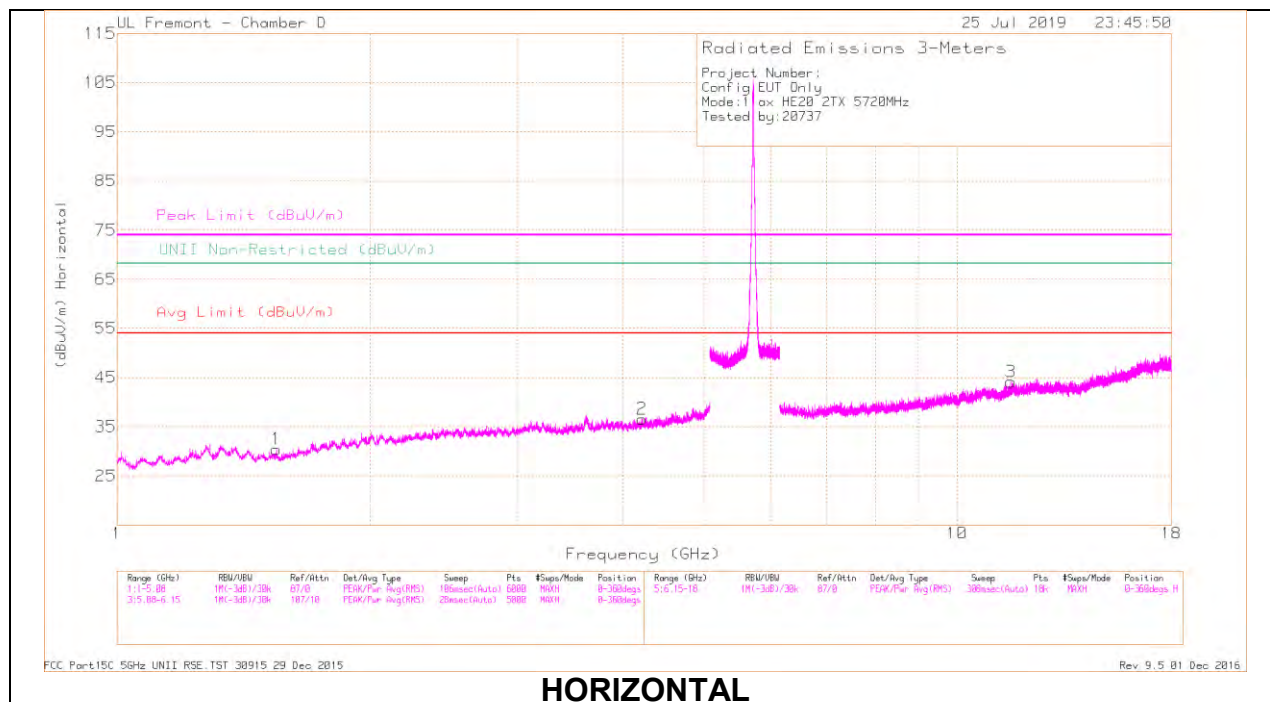
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

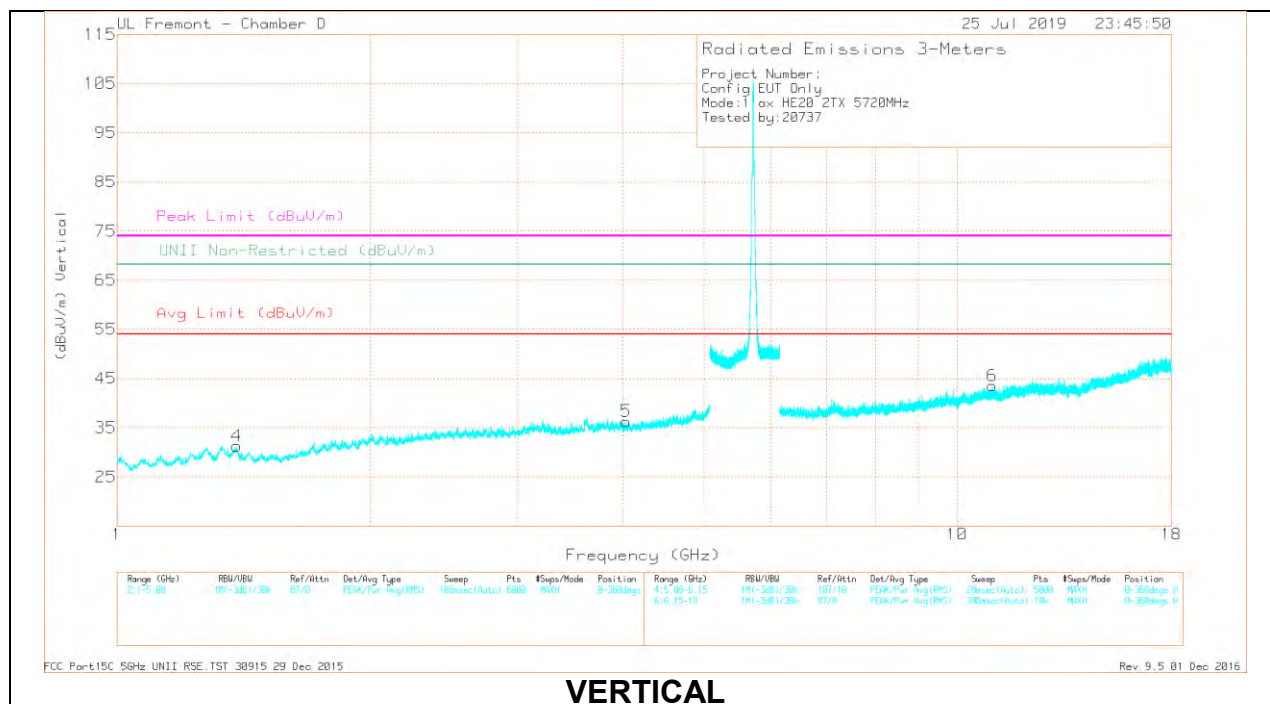
*.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.549	40.77	PK-U	28	-31.5	0	37.27	-	-	74	-36.73	-	-	0	100	H
	* 1.546	28.84	ADR	28	-31.6	0	25.24	54	-28.76	-	-	-	-	0	100	H
2	* 4.216	39.15	PK-U	33.3	-27.6	0	44.85	-	-	74	-29.15	-	-	0	100	H
	* 4.217	26.79	ADR	33.3	-27.6	0	32.49	54	-21.51	-	-	-	-	0	100	H
4	* 1.389	40.59	PK-U	28.7	-31.2	0	38.09	-	-	74	-35.91	-	-	0	100	V
	* 1.387	29.08	ADR	28.8	-31.1	0	26.78	54	-27.22	-	-	-	-	0	100	V
5	* 4.04	38.44	PK-U	33.5	-28.4	0	43.54	-	-	74	-30.46	-	-	0	200	V
	* 4.04	26.63	ADR	33.5	-28.4	0	31.73	54	-22.27	-	-	-	-	0	200	V
3	* 11.59	34.8	PK-U	38.2	-21.8	0	51.2	-	-	74	-22.8	-	-	0	200	H
	* 11.591	21.26	ADR	38.2	-21.8	0	37.66	54	-16.34	-	-	-	-	0	200	H
6	* 11.023	34.36	PK-U	37.7	-21.3	0	50.76	-	-	74	-23.24	-	-	0	102	V
	* 11.023	21.14	ADR	37.7	-21.3	0	37.54	54	-16.46	-	-	-	-	0	102	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

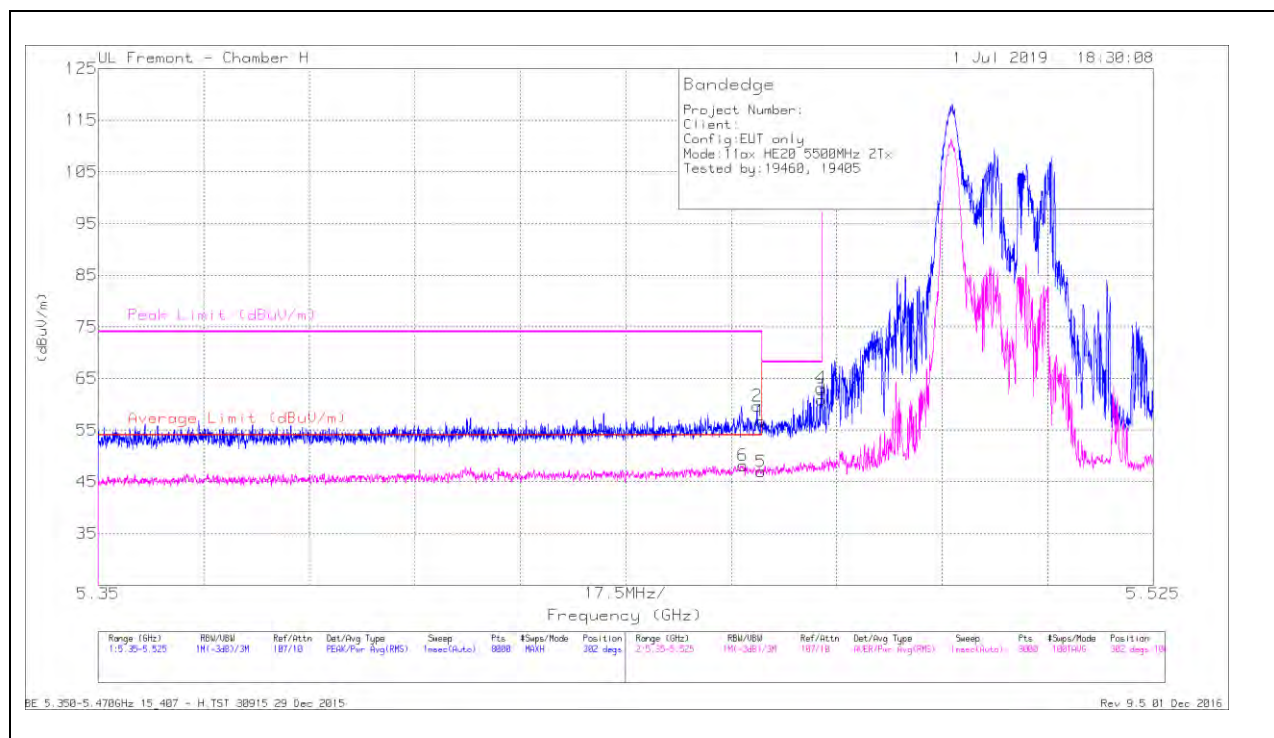
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.94	Pk	35.2	-20.4	0	56.74	-	-	74	-17.26	302	106	H
2	* 5.459	44.87	Pk	35.2	-20.4	0	59.67	-	-	74	-14.33	302	106	H
5	* 5.46	32.18	RMS	35.2	-20.4	0	46.98	54	-7.02	-	-	302	106	H
6	* 5.457	33.25	RMS	35.3	-20.4	0	48.15	54	-5.85	-	-	302	106	H
3	5.47	46.1	Pk	35.3	-20.5	0	60.9	-	-	68.2	-7.3	302	106	H
4	5.47	48.4	Pk	35.3	-20.5	0	63.2	-	-	68.2	-5	302	106	H

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

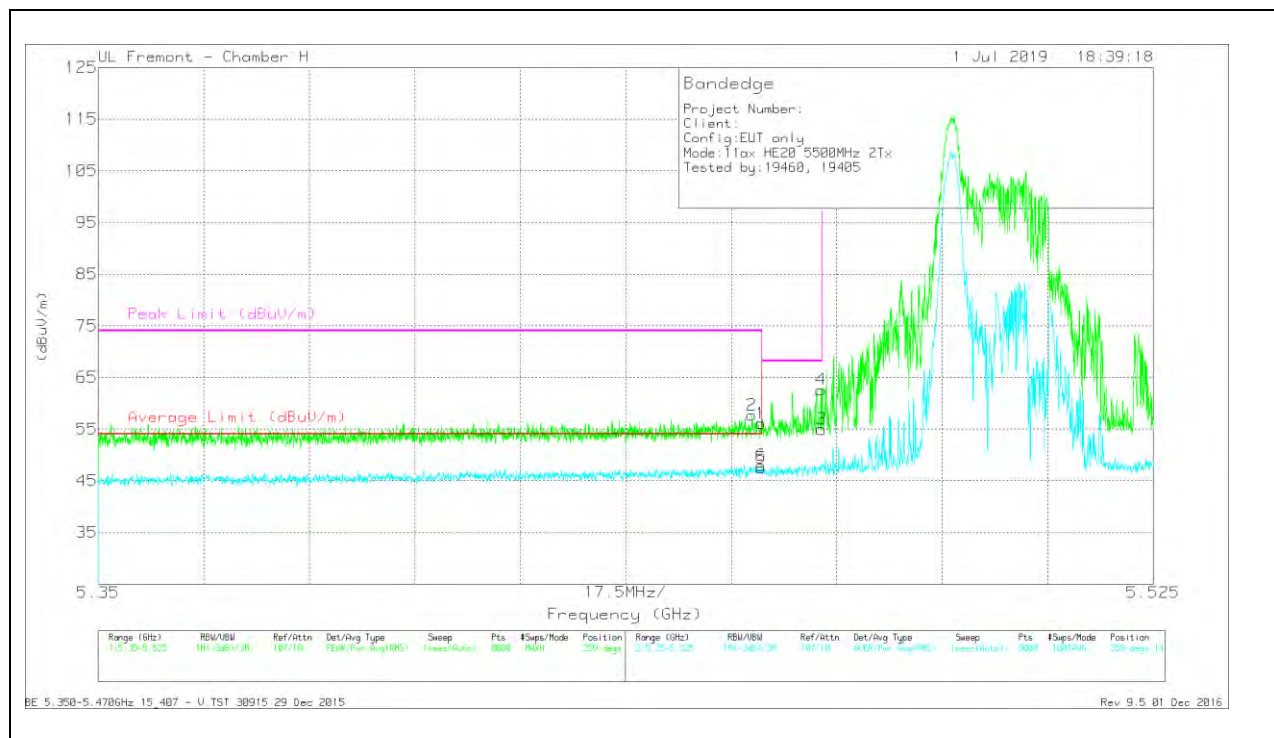
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.31	Pk	35.2	-20.4	0	56.11	-	-	74	-17.89	259	141	V
2	* 5.458	42.78	Pk	35.3	-20.4	0	57.68	-	-	74	-16.32	259	141	V
5	* 5.46	32.66	RMS	35.2	-20.4	0	47.46	54	-6.54	-	-	259	141	V
6	* 5.46	33.16	RMS	35.2	-20.4	0	47.96	54	-6.04	-	-	259	141	V
3	5.47	40.17	Pk	35.3	-20.5	0	54.97	-	-	68.2	-13.23	259	141	V
4	5.47	47.82	Pk	35.3	-20.5	0	62.62	-	-	68.2	-5.58	259	141	V

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

Pk - Peak detector

RMS - RMS detection

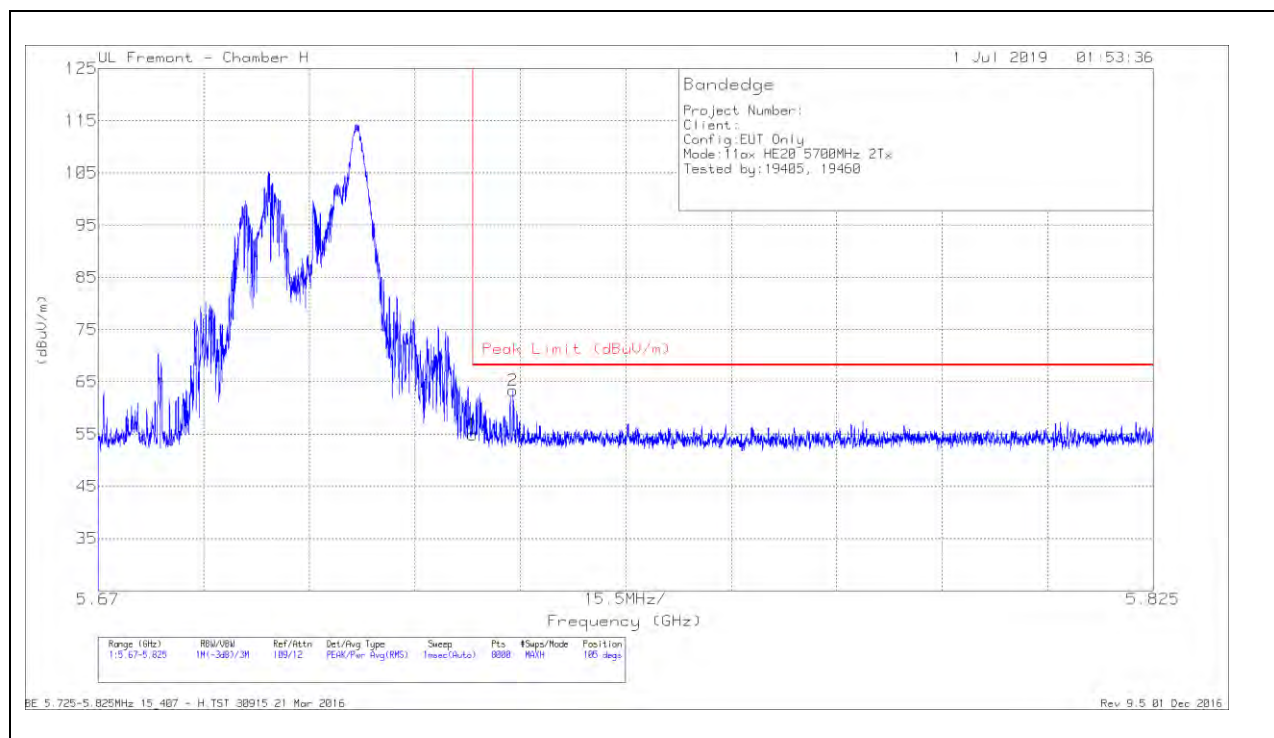
BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



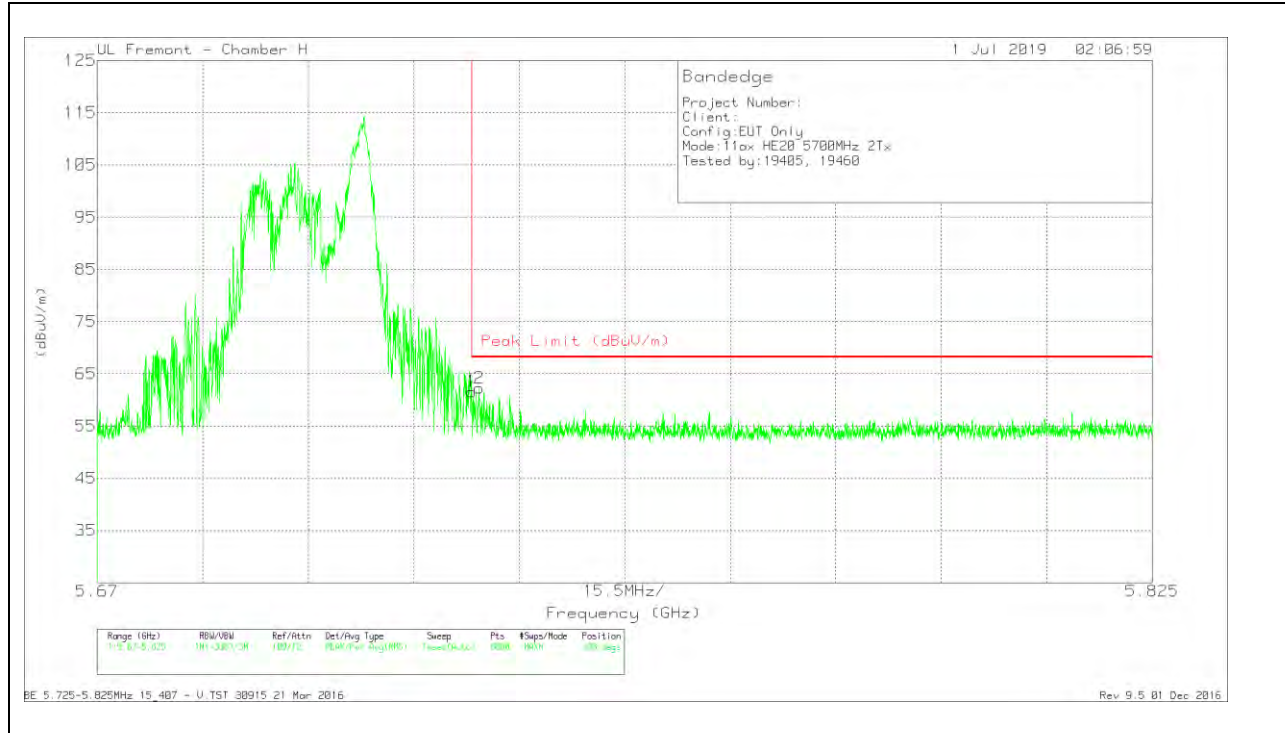
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.69	Pk	35	-19.8	0	54.89	68.2	-13.31	105	105	H
2	5.731	48.04	Pk	35	-19.7	0	63.34	68.2	-4.86	105	105	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.38	PK	35	-19.8	0	61.58	68.2	-6.62	288	154	V
2	5.726	47.06	PK	34.9	-19.7	0	62.26	68.2	-5.94	288	154	V

Pk - Peak detector

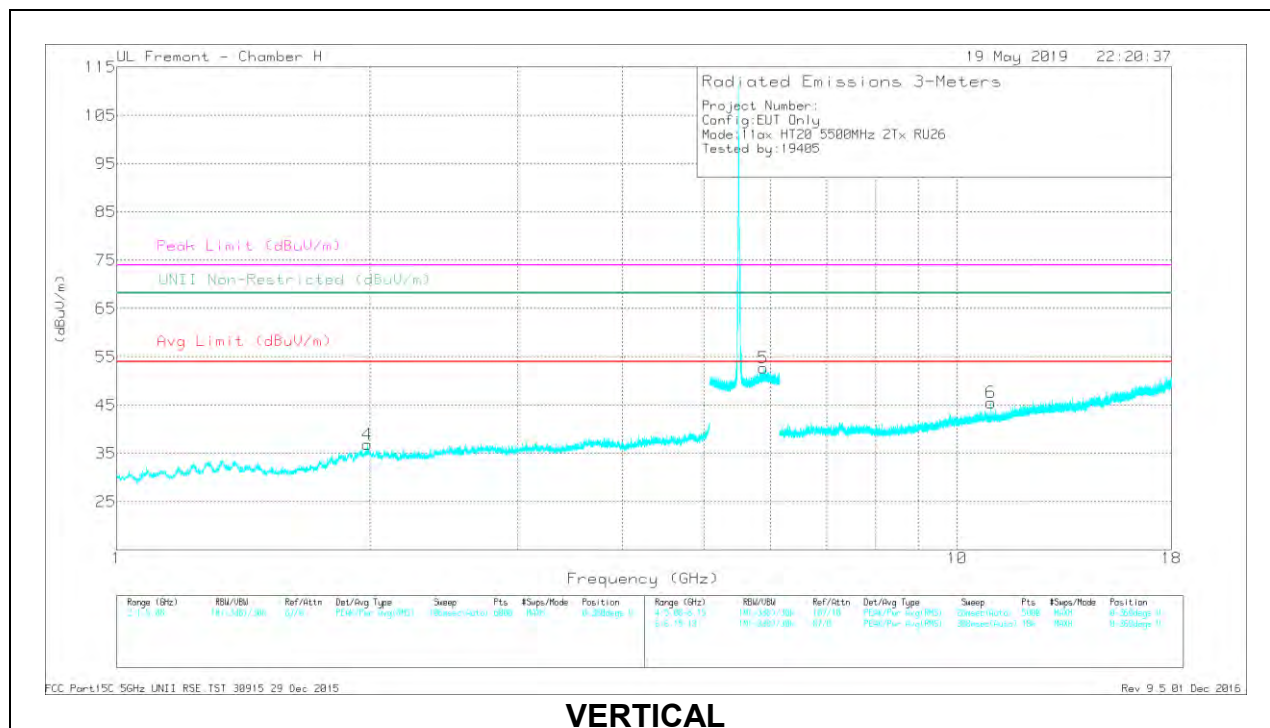
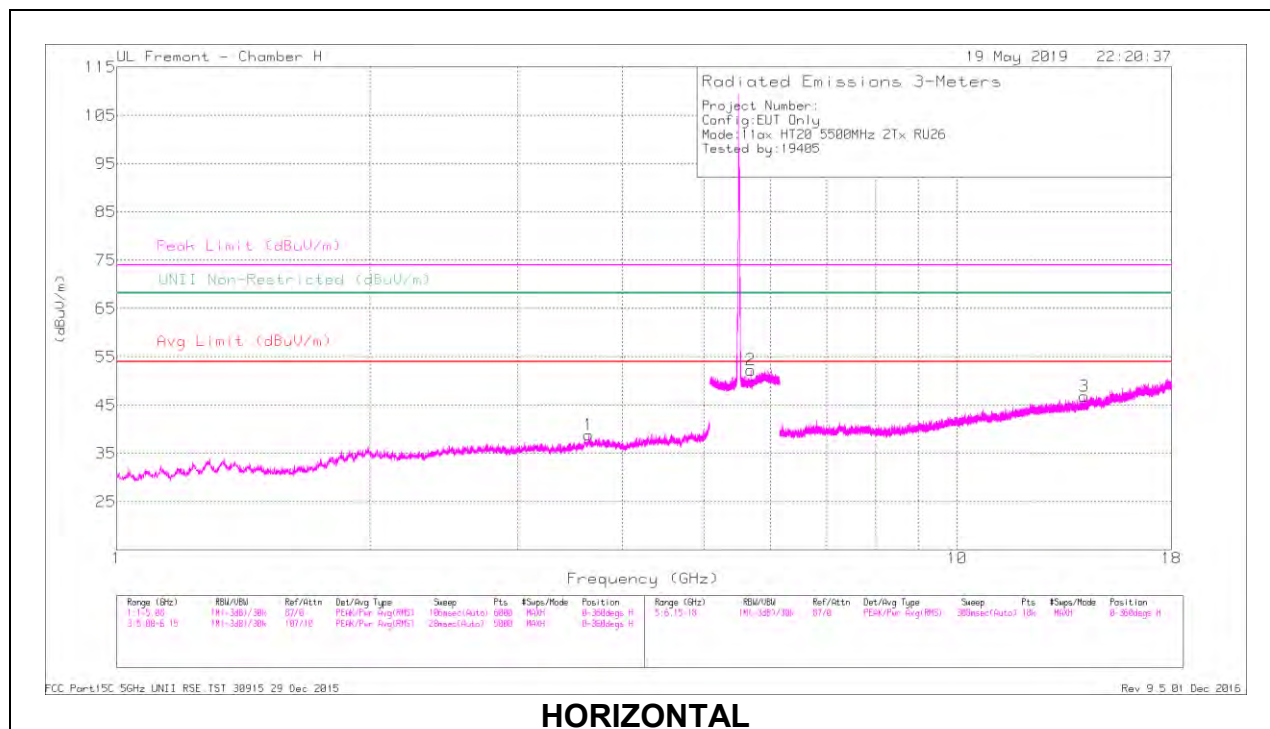
BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.645	41.72	PK-U	33.1	-31	0	43.82	-	-	74	-30.18	-	-	331	118	H
	* 3.645	30.71	ADR	33.1	-31	0	32.81	54	-21.19	-	-	-	-	331	118	H
6	* 10.984	37.99	PK-U	37.8	-23.8	0	51.99	-	-	74	-22.01	-	-	167	295	V
	* 10.983	26.66	ADR	37.8	-23.8	0	40.66	54	-13.34	-	-	-	-	167	295	V
4	1.988	43.56	PK-U	31.9	-32.3	0	43.16	-	-	-	-	68.2	-25.04	176	268	V
	1.989	32.24	ADR	31.9	-32.3	0	31.84	-	-	-	-	-	-	176	268	V
2	5.682	43.52	PK-U	34.9	-20.6	0	57.82	-	-	-	-	68.2	-10.38	253	210	H
	5.682	31.85	ADR	34.9	-20.6	0	46.15	-	-	-	-	-	-	253	210	H
5	5.879	43.78	PK-U	35.6	-20.2	0	59.18	-	-	-	-	68.2	-9.02	328	199	V
	5.882	32.28	ADR	35.6	-20.2	0	47.68	-	-	-	-	-	-	328	199	V
3	14.18	24.93	ADR	39.3	-22.9	0	41.33	-	-	-	-	-	-	262	120	H
	14.181	35.98	PK-U	39.3	-22.9	0	52.38	-	-	-	-	68.2	-15.82	262	120	H

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

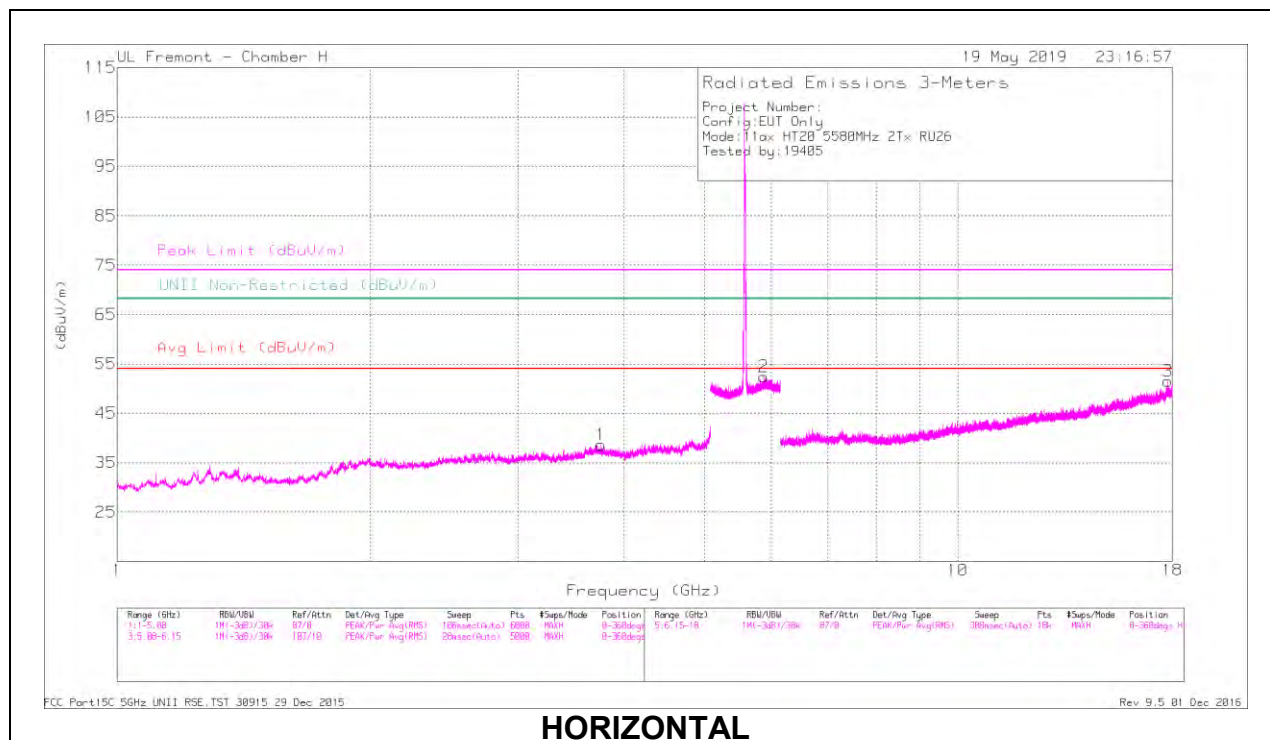
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

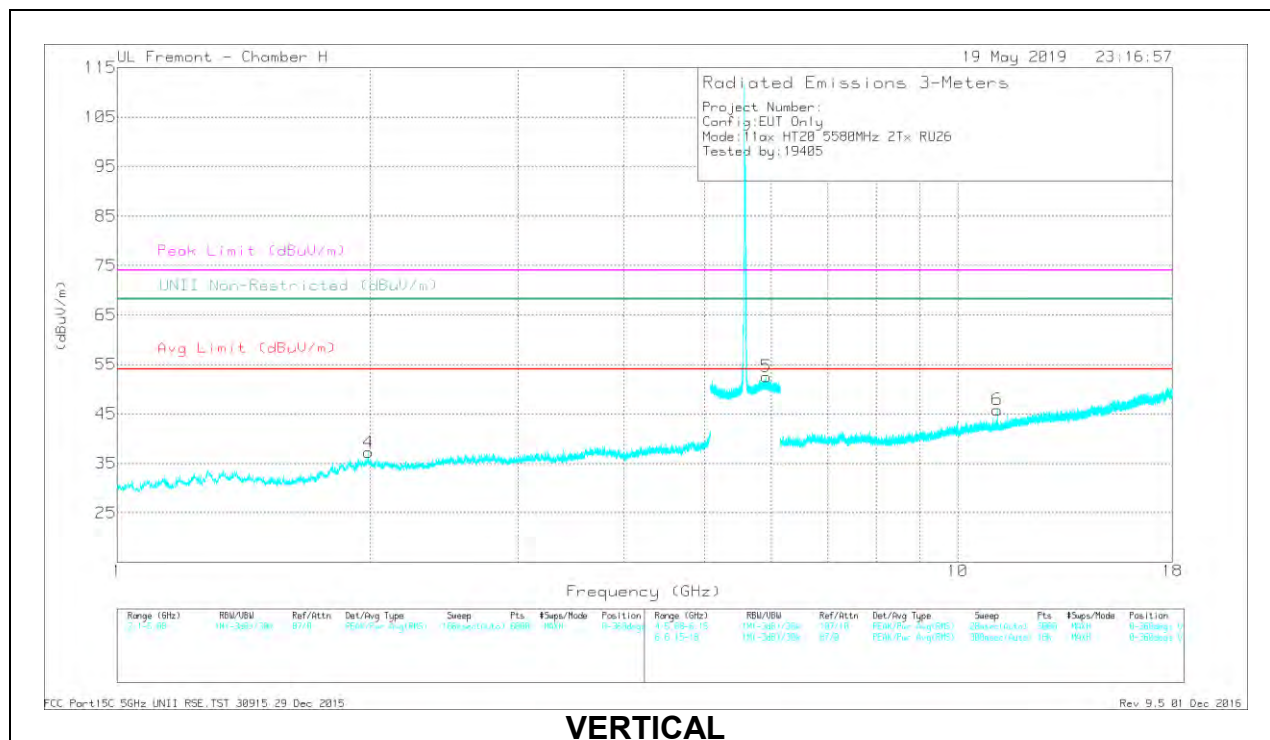
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

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MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.764	42.25	PK-U	33.3	-30.9	0	44.65	-	-	74	-29.35	-	-	230	147	H
	* 3.767	30.14	ADR	33.3	-30.9	0	32.54	54	-21.46	-	-	-	-	230	147	H
3	* 17.792	35.3	PK-U	41.8	-20	0	57.1	-	-	74	-16.9	-	-	249	167	H
	* 17.792	24.26	ADR	41.8	-20	0	46.06	54	-7.94	-	-	-	-	249	167	H
6	* 11.145	35.57	PK-U	37.9	-23.4	0	50.07	-	-	74	-23.93	-	-	281	109	V
	* 11.142	24.74	ADR	37.9	-23.5	0	39.14	54	-14.86	-	-	-	-	281	109	V
4	1.989	43.73	PK-U	31.9	-32.3	0	43.33	-	-	-	-	68.2	-24.87	142	299	V
	1.991	32.24	ADR	31.9	-32.3	0	31.84	-	-	-	-	-	-	142	299	V
2	5.873	32.04	ADR	35.6	-20.3	0	47.34	-	-	-	-	-	-	28	144	H
	5.876	43.39	PK-U	35.6	-20.3	0	58.69	-	-	-	-	68.2	-9.51	28	144	H
5	5.916	43.68	PK-U	35.6	-20.2	0	59.08	-	-	-	-	68.2	-9.12	274	316	V
	5.918	32.07	ADR	35.6	-20.3	0	47.37	-	-	-	-	-	-	274	316	V

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

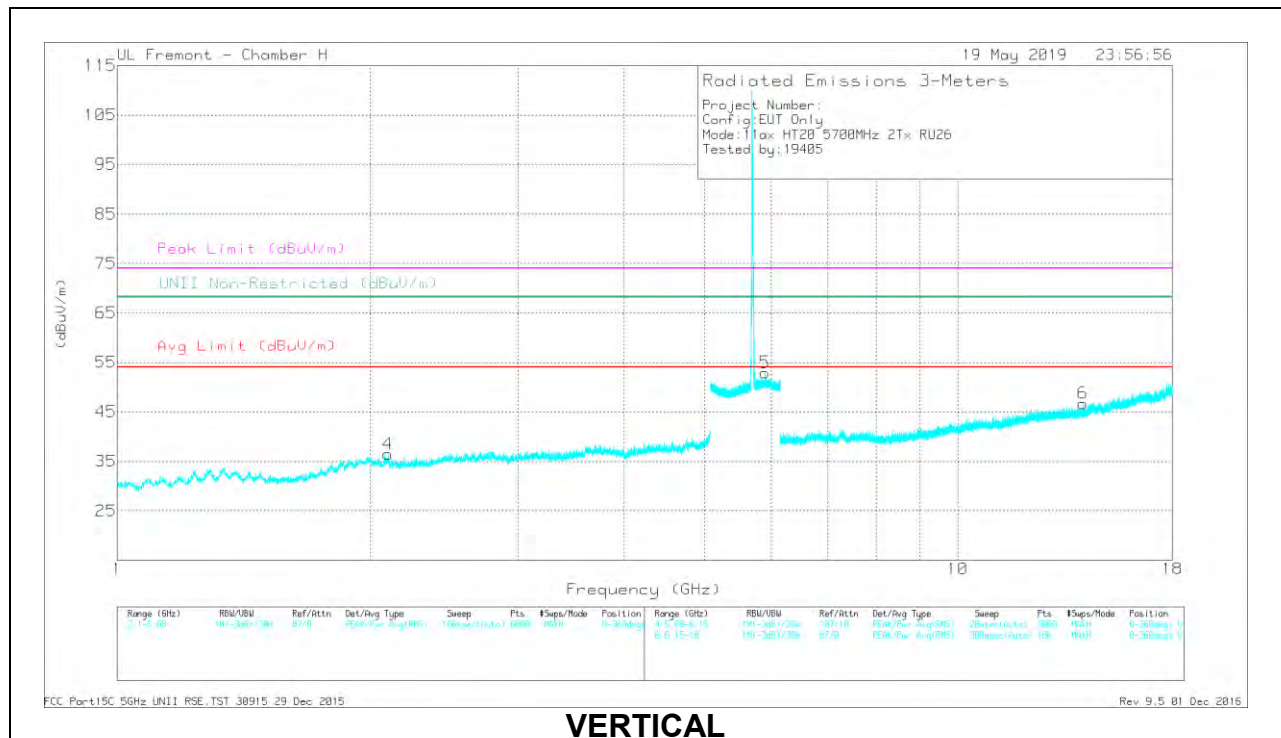
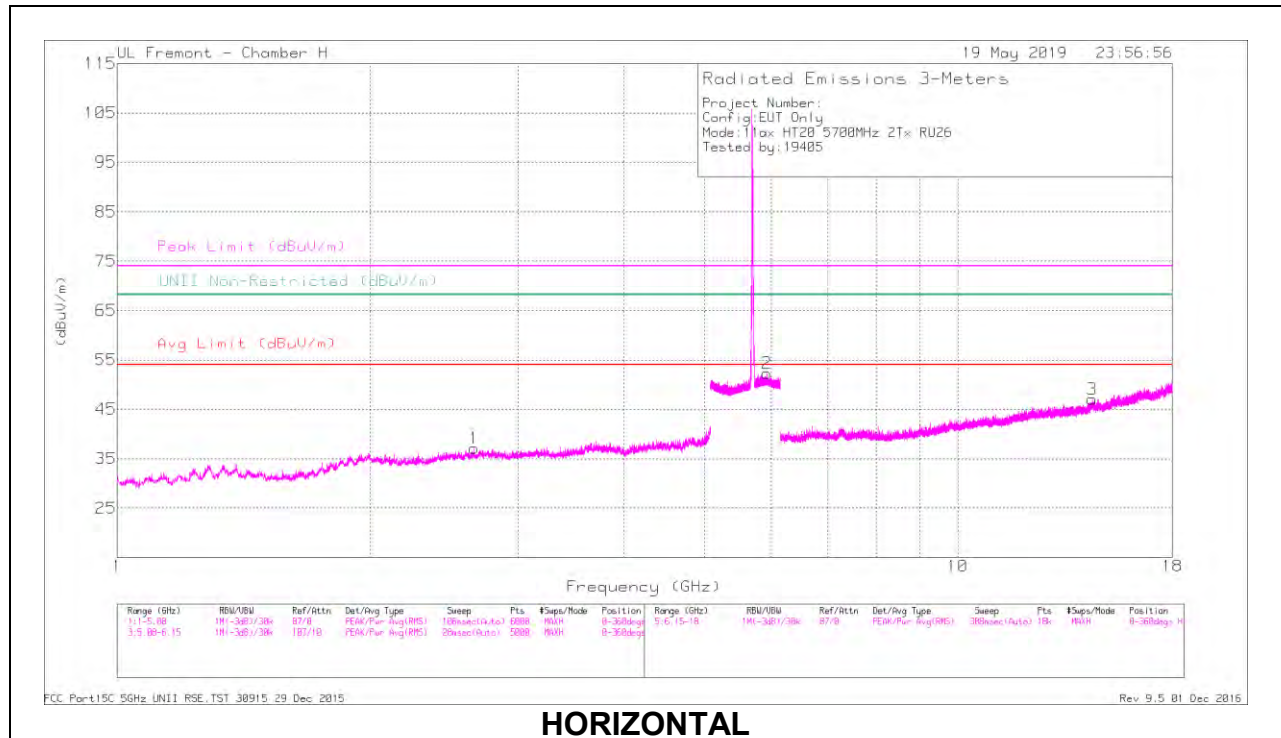
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.659	42.76	PK-U	32.5	-31.3	0	43.96	-	-	74	-30.04	-	-	325	219	H
	* 2.657	30.76	ADR	32.5	-31.3	0	31.96	54	-22.04	-	-	-	-	325	219	H
4	2.098	32.41	ADR	31.5	-32.3	0	31.61	-	-	-	-	-	-	264	130	V
	2.1	43.74	PK-U	31.5	-32.3	0	42.94	-	-	-	-	68.2	-25.26	264	130	V
5	5.898	43.37	PK-U	35.6	-20.2	0	58.77	-	-	-	-	68.2	-9.43	122	238	V
	5.901	32.12	ADR	35.6	-20.1	0	47.62	-	-	-	-	-	-	122	238	V
2	5.927	43.85	PK-U	35.6	-20.1	0	59.35	-	-	-	-	68.2	-8.85	226	184	H
	5.928	32.07	ADR	35.6	-20.1	0	47.57	-	-	-	-	-	-	226	184	H
6	14.098	35.88	PK-U	39.2	-22.6	0	52.48	-	-	-	-	68.2	-15.72	249	110	V
	14.099	24.2	ADR	39.2	-22.6	0	40.8	-	-	-	-	-	-	249	110	V
3	14.452	35.22	PK-U	39.9	-21.5	0	53.62	-	-	-	-	68.2	-14.58	173	320	H
	14.452	24.11	ADR	39.9	-21.5	0	42.51	-	-	-	-	-	-	173	320	H

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

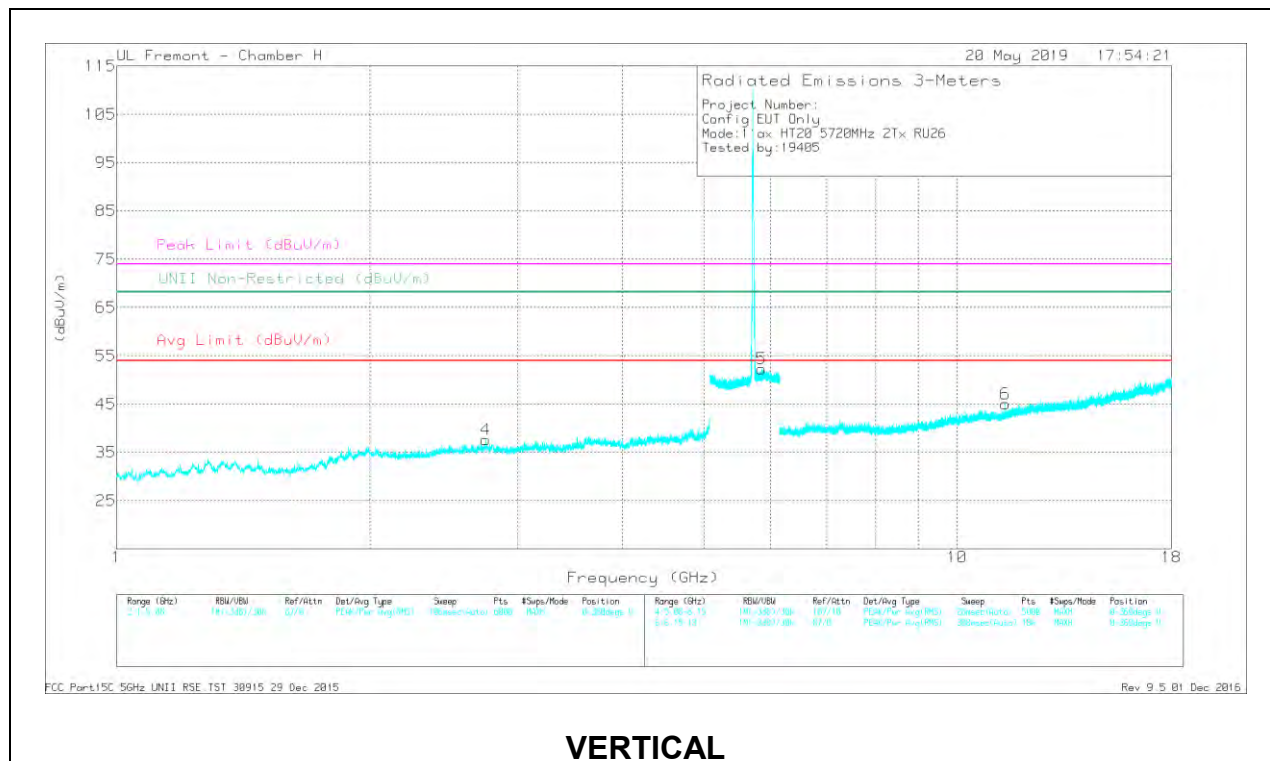
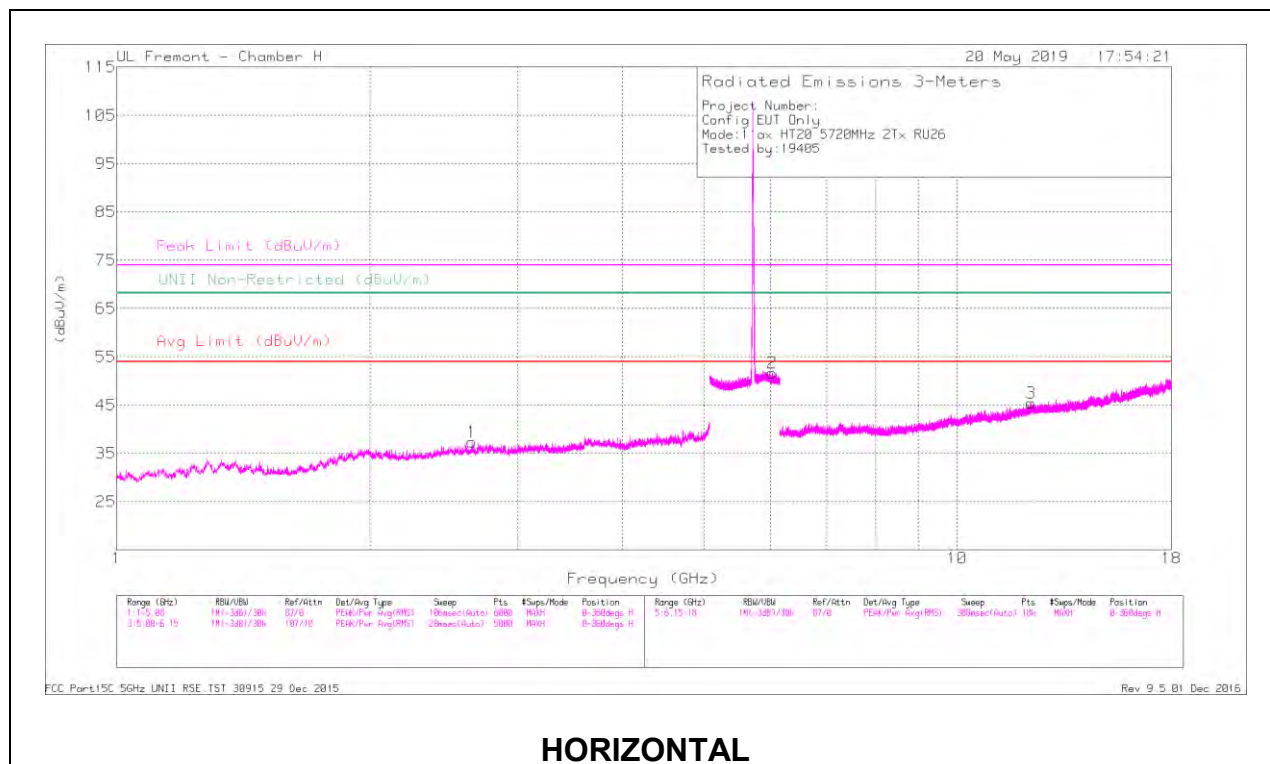
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

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CHANEL 144 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.746	43.86	PK-U	32.5	-31.7	0	44.66	-	-	74	-29.34	-	-	194	320	V
	* 2.747	31.61	ADR	32.5	-31.7	0	32.41	54	-21.59	-	-	-	-	194	320	V
3	* 12.263	35.88	PK-U	39	-23.3	0	51.58	-	-	74	-22.42	-	-	120	285	H
	* 12.261	24.67	ADR	39.1	-23.3	0	40.47	54	-13.53	-	-	-	-	120	285	H
6	* 11.421	36.07	PK-U	38.2	-23.6	0	50.67	-	-	74	-23.33	-	-	120	328	V
	* 11.423	24.89	ADR	38.2	-23.6	0	39.49	54	-14.51	-	-	-	-	120	328	V
1	2.647	31.02	ADR	32.6	-31.3	0	32.32	-	-	-	-	-	-	245	169	H
	2.649	43.19	PK-U	32.6	-31.3	0	44.49	-	-	-	-	68.2	-23.71	245	169	H
5	5.849	32.08	ADR	35.5	-20.4	0	47.18	-	-	-	-	-	-	316	154	V
	5.851	43.58	PK-U	35.5	-20.4	0	58.68	-	-	-	-	68.2	-9.52	316	154	V
2	6.021	42.77	PK-U	35.7	-20.1	0	58.37	-	-	-	-	68.2	-9.83	245	129	H
	6.023	31.25	ADR	35.7	-20.1	0	46.85	-	-	-	-	-	-	245	129	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

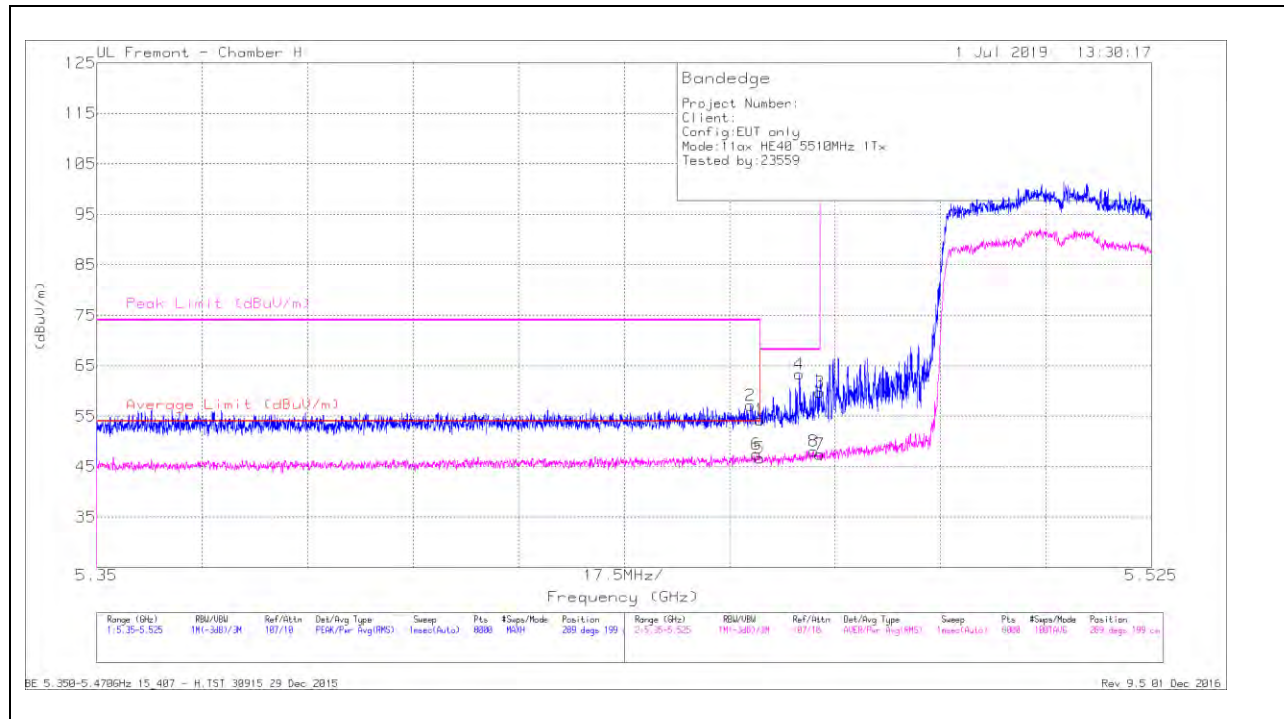
Rev 9.5 01 Dec 2016

1.1.17. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency(G Hz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.5	Pk	35.2	-20.4	0	54.3	-	-	74	-19.7	289	199	H
2	* 5.458	42.23	Pk	35.3	-20.4	0	57.13	-	-	74	-16.87	289	199	H
5	* 5.46	31.93	RMS	35.2	-20.4	0	46.73	54	-7.27	-	-	289	199	H
6	* 5.459	32.58	RMS	35.2	-20.4	0	47.38	54	-6.62	-	-	289	199	H
4	5.467	48.59	Pk	35.2	-20.5	0	63.29	-	-	68.2	-4.91	289	199	H
8	5.469	33.29	RMS	35.3	-20.5	0	48.09	-	-	-	-	289	199	H
3	5.47	44.97	Pk	35.3	-20.5	0	59.77	-	-	68.2	-8.43	289	199	H
7	5.47	32.61	RMS	35.3	-20.5	0	47.41	-	-	-	-	289	199	H

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

Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Dega)	Height (cm)	Polarity
1	* 5.46	39.4	Pk	35.2	-20.4	0	54.2	-	-	74	-19.8	42	249	V
2	* 5.385	43.22	Pk	34.9	-20.5	0	57.62	-	-	74	-16.38	42	249	V
5	* 5.46	31.81	RMS	35.2	-20.4	0	46.61	54	-7.39	-	-	42	249	V
6	* 5.457	32.36	RMS	35.3	-20.4	0	47.26	54	-6.74	-	-	42	249	V
8	5.467	32.62	RMS	35.3	-20.5	0	47.42	-	-	-	-	42	249	V
4	5.468	43.44	Pk	35.3	-20.5	0	58.24	-	-	68.2	-9.96	42	249	V
3	5.47	39.95	Pk	35.3	-20.5	0	54.75	-	-	68.2	-13.45	42	249	V
7	5.47	32.38	RMS	35.3	-20.5	0	47.18	-	-	-	-	42	249	V

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

Pk - Peak detector

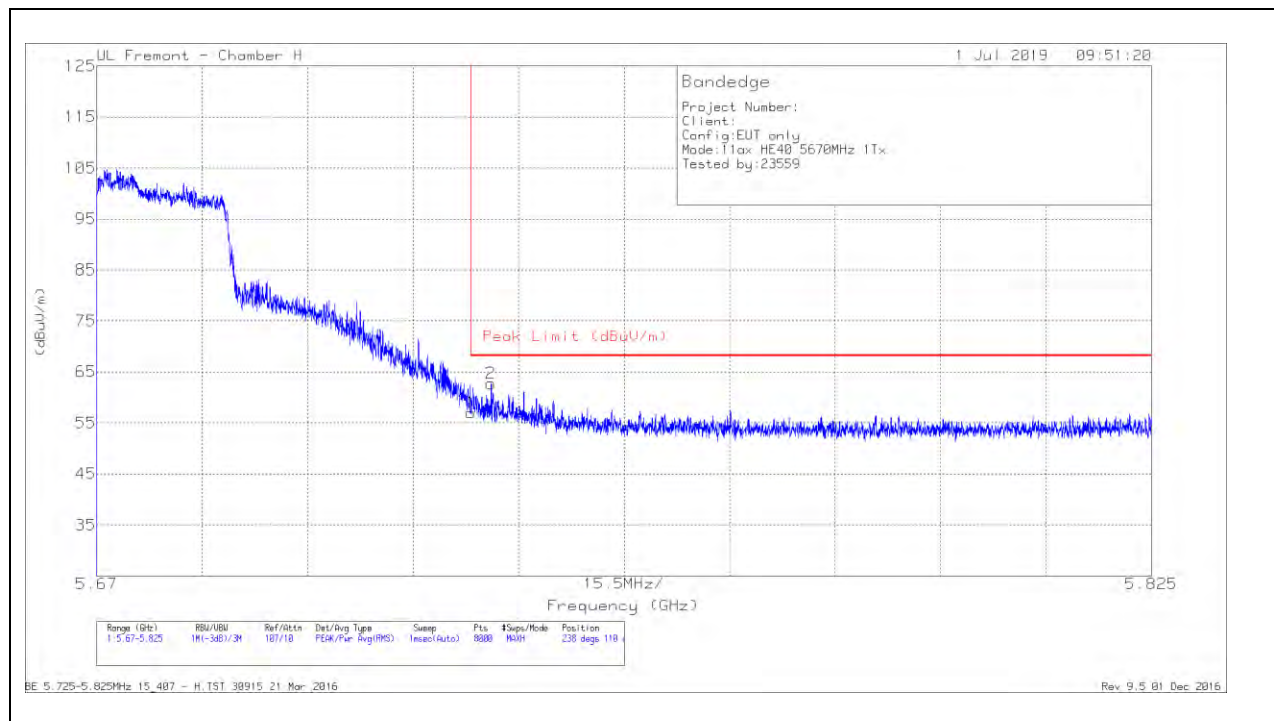
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

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BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



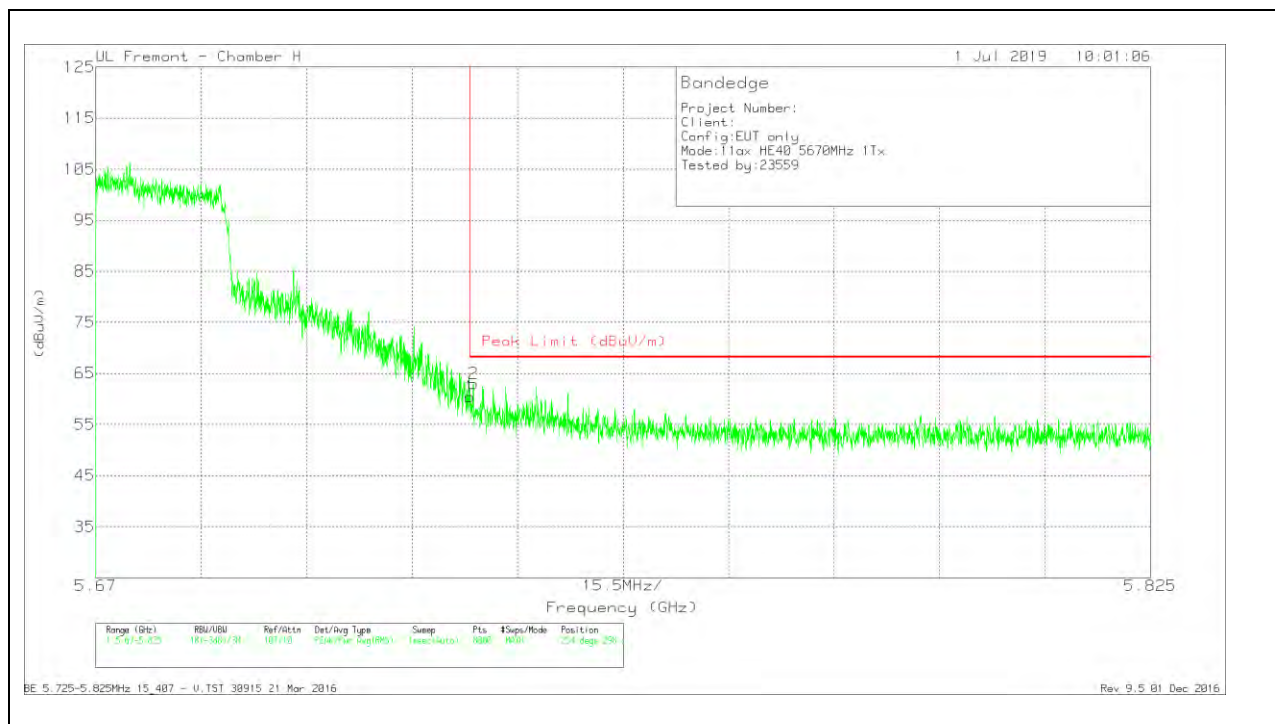
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.7	Pk	35	-20.7	0	57	68.2	-11.2	238	110	H
2	5.728	48.51	Pk	34.9	-20.7	0	62.71	68.2	-5.49	238	110	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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VERTICAL RESULT

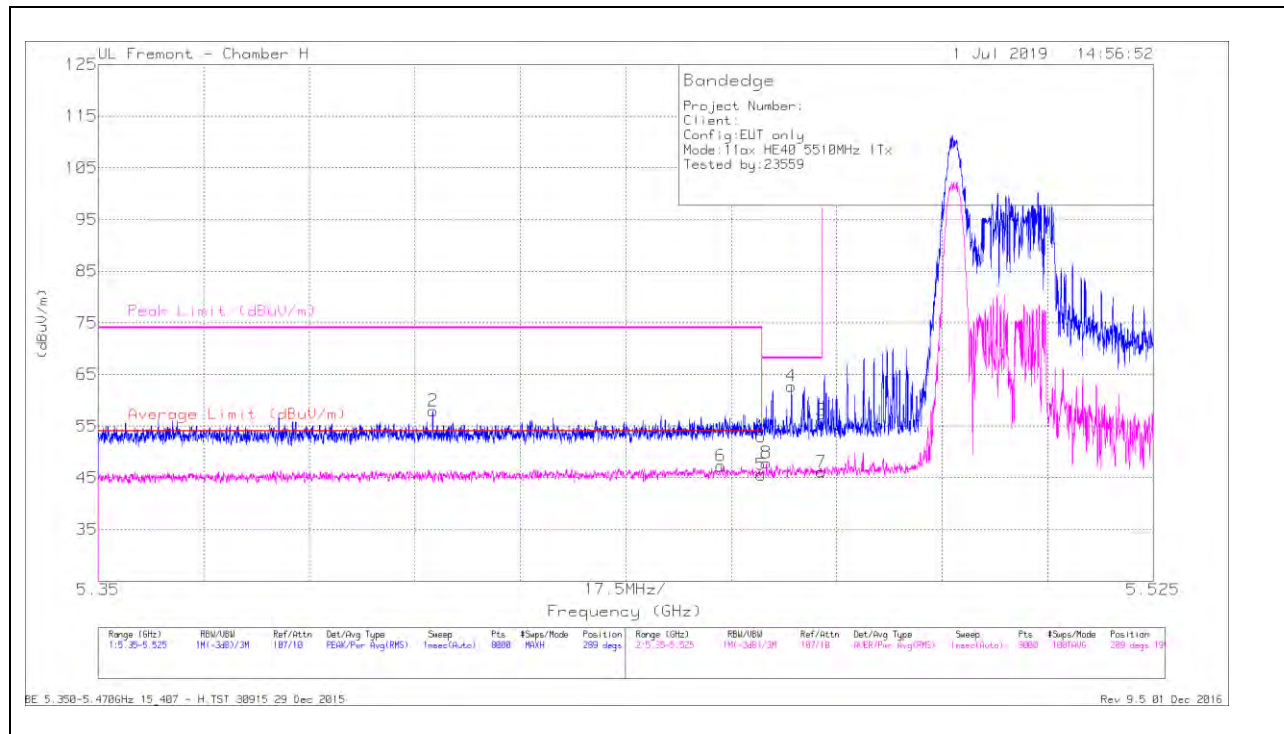


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.13	Pk	35	-20.7	0	60.43	68.2	-7.77	254	298	V
2	5.725	48.76	Pk	34.9	-20.7	0	62.96	68.2	-5.24	254	298	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

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1TX Antenna 6 MODE – 26 Tones, RU Index 0**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.23	Pk	35.2	-20.4	0	53.03	-	-	74	-20.97	289	199	H
2	* 5.406	43.35	Pk	35	-20.4	0	57.95	-	-	74	-16.05	289	199	H
5	* 5.46	30.81	RMS	35.2	-20.4	0	45.61	54	-8.39	-	-	289	199	H
6	* 5.453	32.51	RMS	35.2	-20.4	0	47.31	54	-6.69	-	-	289	199	H
8	5.461	33.08	RMS	35.2	-20.4	0	47.88	-	-	-	-	289	199	H
4	5.465	48.05	Pk	35.2	-20.5	0	62.75	-	-	68.2	-5.45	289	199	H
3	5.47	41.33	Pk	35.3	-20.5	0	56.13	-	-	68.2	-12.07	289	199	H
7	5.47	31.32	RMS	35.3	-20.5	0	46.12	-	-	-	-	289	199	H

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

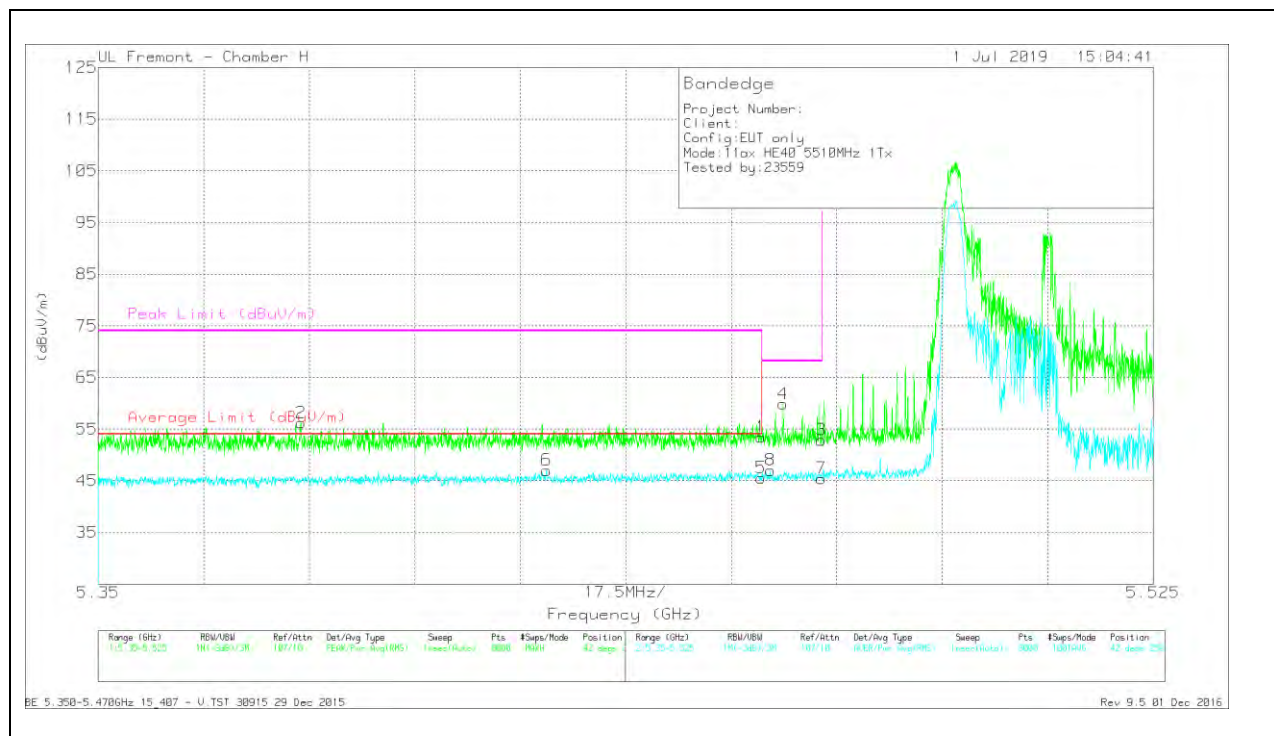
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.7	Pk	35.2	-20.4	0	53.5	-	-	74	-20.5	42	250	V
2	* 5.384	41.72	Pk	35	-20.5	0	56.22	-	-	74	-17.78	42	250	V
5	* 5.46	30.75	RMS	35.2	-20.4	0	45.55	54	-8.45	-	-	42	250	V
6	* 5.424	32.35	RMS	35.1	-20.4	0	47.05	54	-6.95	-	-	42	250	V
8	5.461	32.35	RMS	35.2	-20.5	0	47.05	-	-	-	-	42	250	V
4	5.464	45.16	Pk	35.2	-20.5	0	59.86	-	-	68.2	-8.34	42	250	V
3	5.47	38.1	Pk	35.3	-20.5	0	52.9	-	-	68.2	-15.3	42	250	V
7	5.47	30.67	RMS	35.3	-20.5	0	45.47	-	-	-	-	42	250	V

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

Pk - Peak detector

RMS - RMS detection

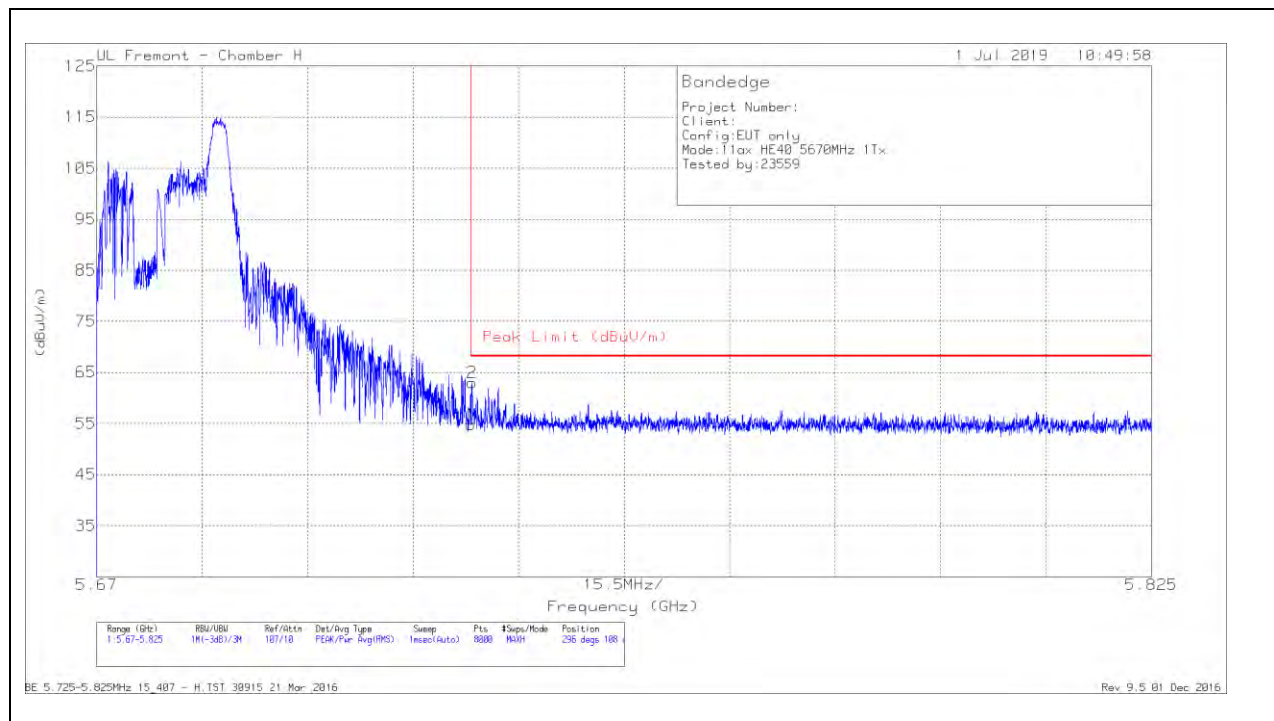
BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

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1TX Antenna 6 MODE – 26 Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



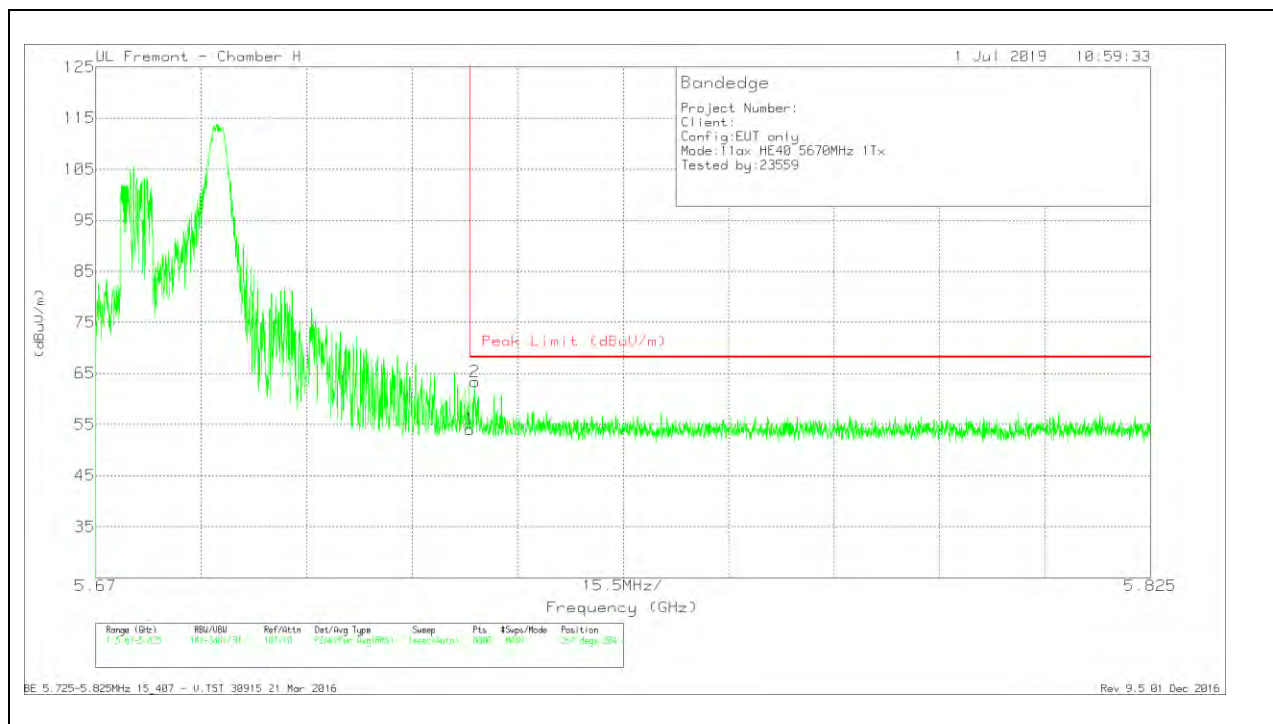
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.53	Pk	35	-20.7	0	54.83	68.2	-13.37	296	108	H
2	5.725	48.7	Pk	35	-20.7	0	63	68.2	-5.2	296	108	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.72	Pk	35	-20.7	0	54.02	68.2	-14.18	267	284	V
2	5.726	49.17	Pk	34.9	-20.7	0	63.37	68.2	-4.83	267	284	V

Pk - Peak detector

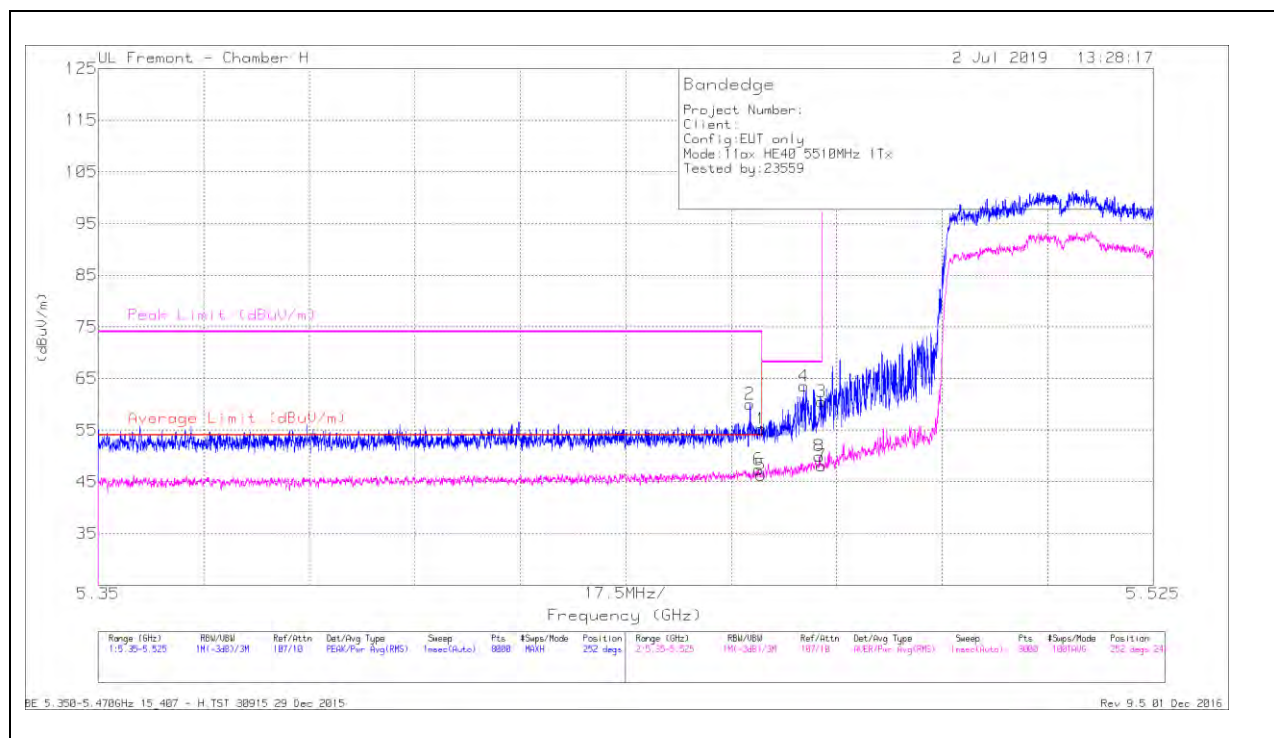
BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

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1TX Antenna 5 MODE – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.42	Pk	35.2	-20.4	0	55.22	-	-	74	-18.78	252	242	H
2	* 5.458	45.15	Pk	35.3	-20.4	0	60.05	-	-	74	-13.95	252	242	H
5	* 5.46	31.53	RMS	35.2	-20.4	0	46.33	54	-7.67	-	-	252	242	H
6	* 5.459	32.57	RMS	35.2	-20.4	0	47.37	54	-6.63	-	-	252	242	H
4	5.467	48.74	Pk	35.3	-20.5	0	63.54	-	-	68.2	-4.66	252	242	H
3	5.47	45.74	Pk	35.3	-20.5	0	60.54	-	-	68.2	-7.66	252	242	H
7	5.47	33.32	RMS	35.3	-20.5	0	48.12	-	-	-	-	252	242	H
8	5.47	35.16	RMS	35.3	-20.5	0	49.96	-	-	-	-	252	242	H

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

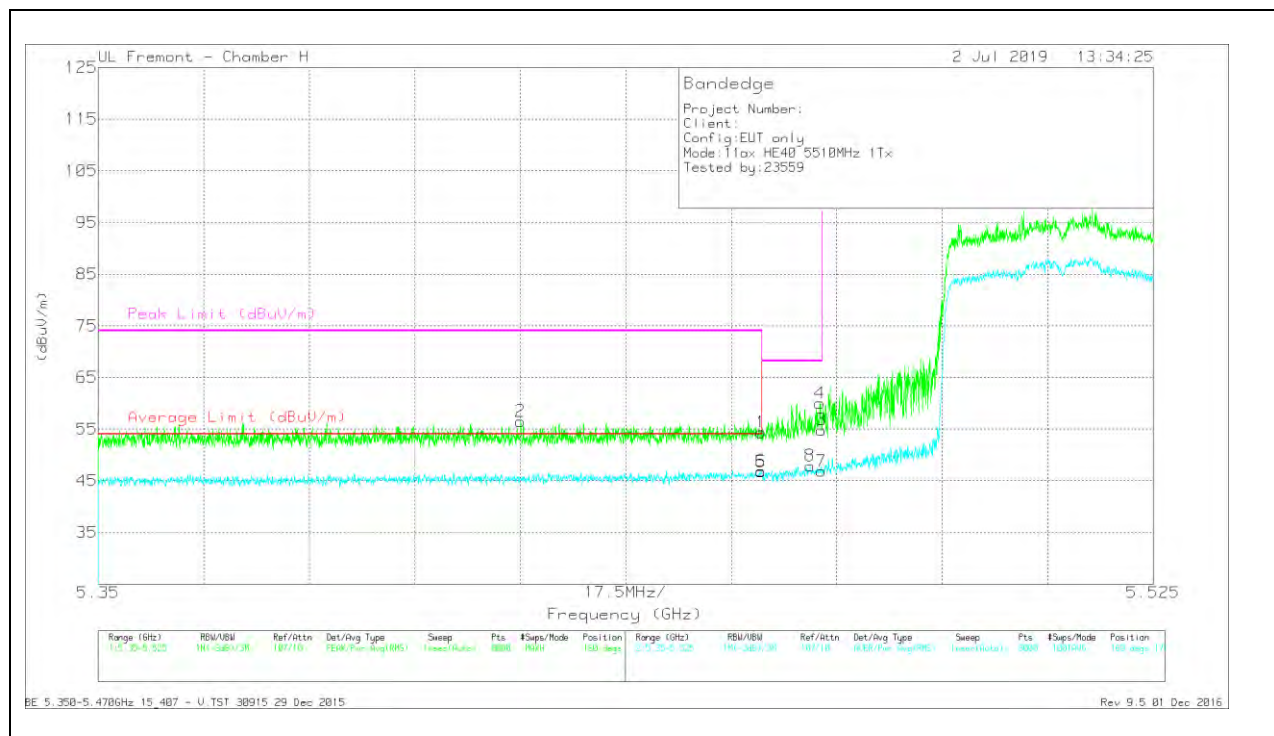
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.58	Pk	35.2	-20.4	0	54.38	-	-	74	-19.62	160	176	V
2	* 5.42	41.91	Pk	35	-20.4	0	56.51	-	-	74	-17.49	160	176	V
5	* 5.46	31.94	RMS	35.2	-20.4	0	46.74	54	-7.26	-	-	160	176	V
6	* 5.46	32.09	RMS	35.2	-20.4	0	46.89	54	-7.11	-	-	160	176	V
8	5.468	33.09	RMS	35.3	-20.5	0	47.89	-	-	-	-	160	176	V
3	5.47	40.04	Pk	35.3	-20.5	0	54.84	-	-	68.2	-13.36	160	176	V
4	5.47	45.19	Pk	35.3	-20.5	0	59.99	-	-	68.2	-8.21	160	176	V
7	5.47	32.05	RMS	35.3	-20.5	0	46.85	-	-	-	-	160	176	V

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

Pk - Peak detector

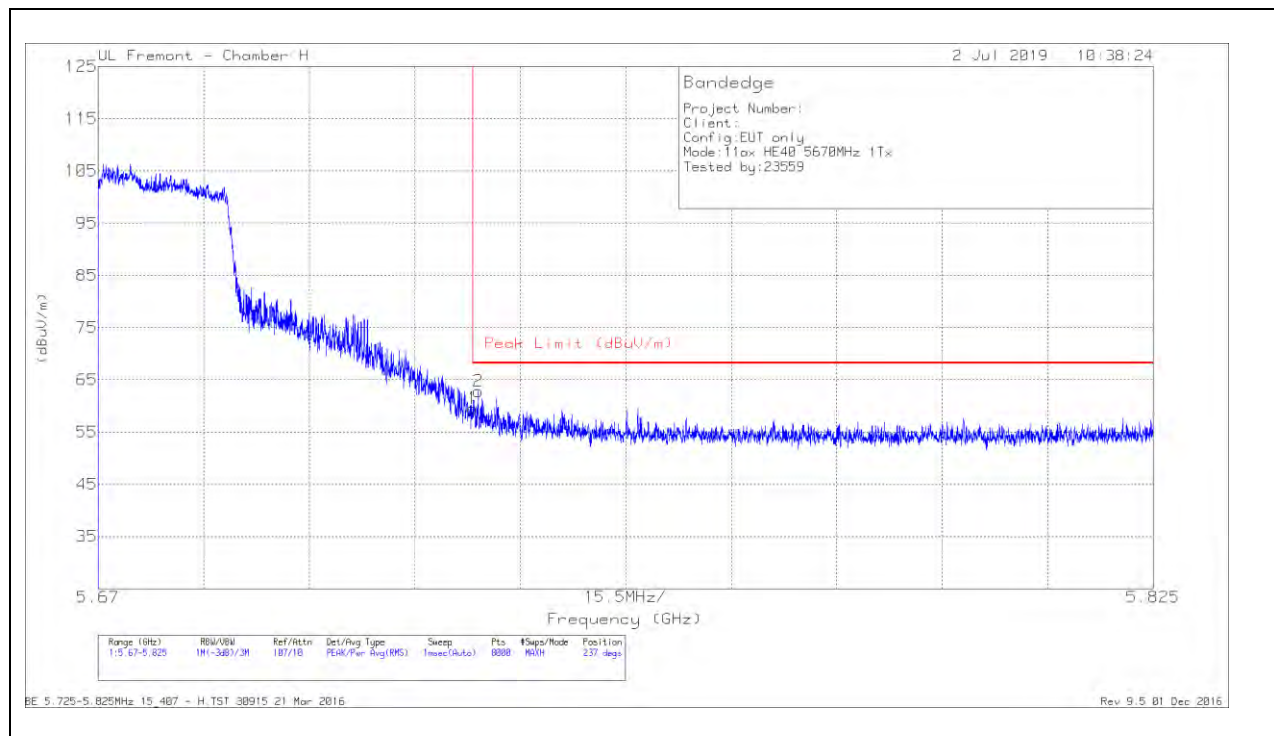
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



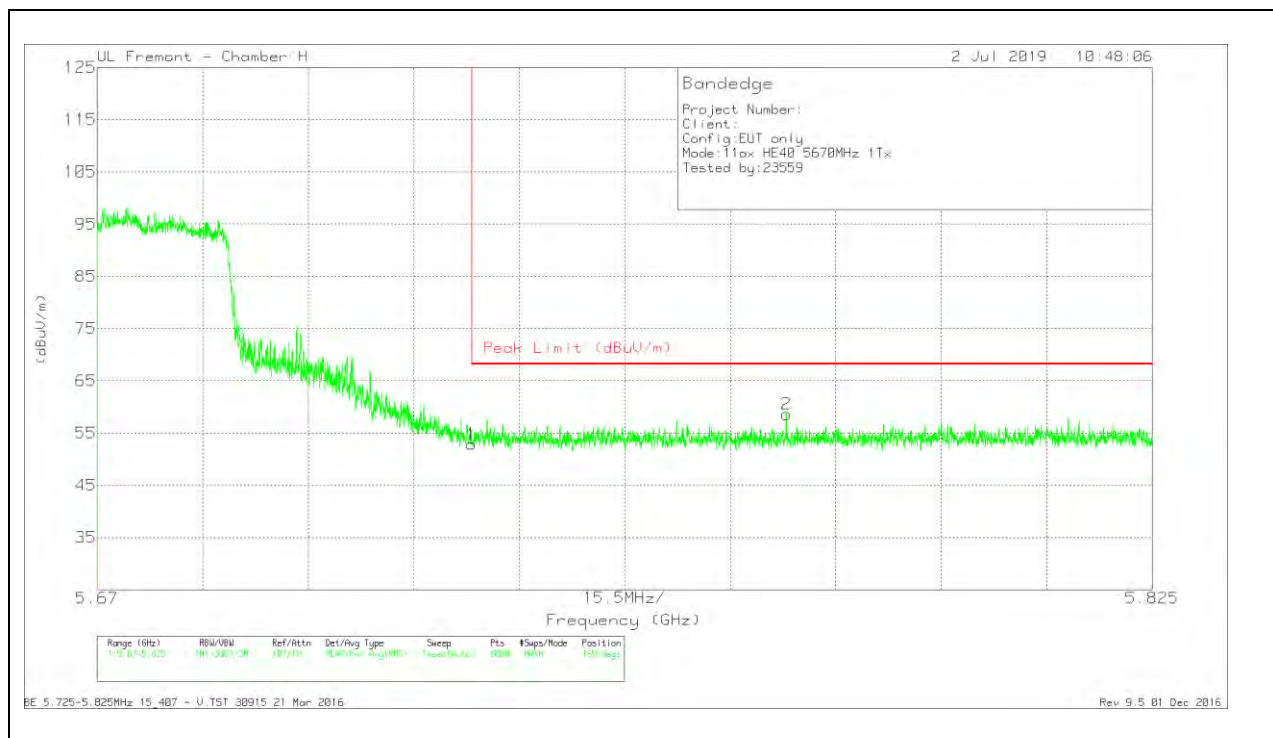
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.25	Pk	35	-20.7	0	59.55	68.2	-8.65	237	252	H
2	5.726	48.63	Pk	34.9	-20.7	0	62.83	68.2	-5.37	237	252	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT

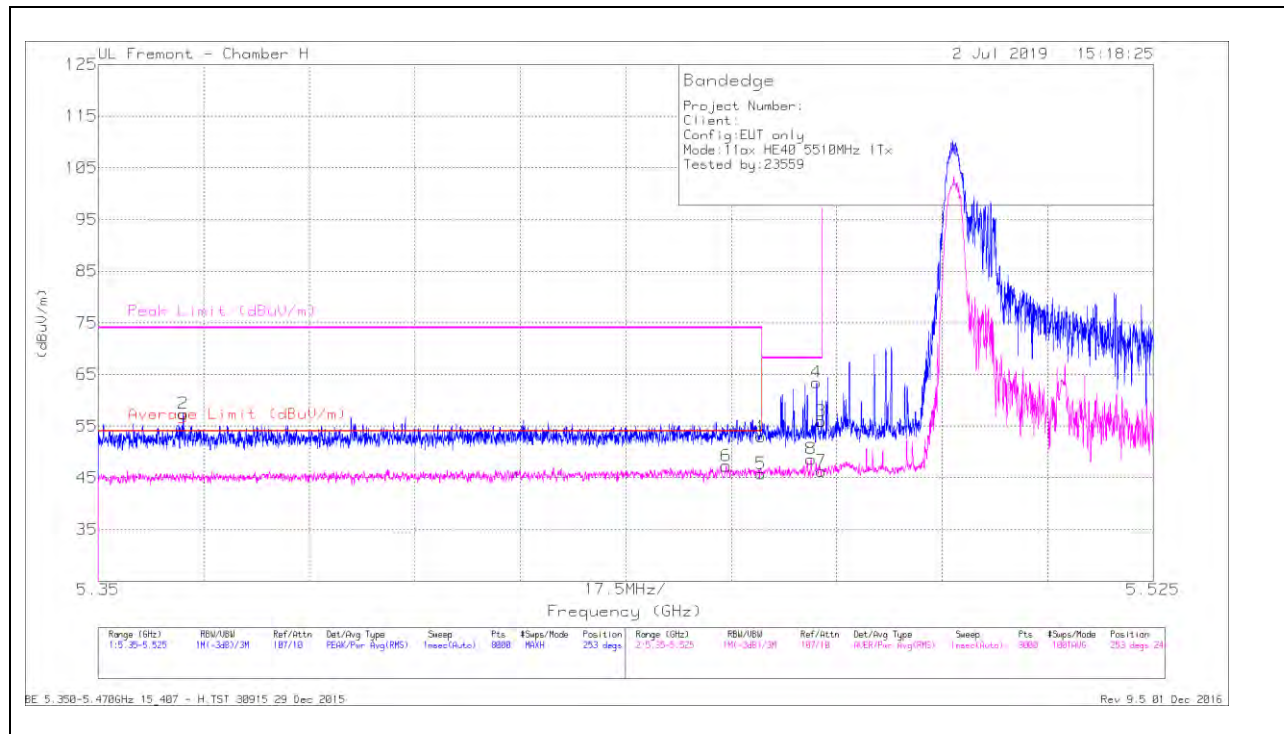


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.6	PK	35	-20.7	0	52.9	68.2	-15.3	169	392	V
2	5.771	44.23	PK	35	-20.6	0	58.63	68.2	-9.57	169	392	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 26 Tones, RU Index 0**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.14	Pk	35.2	-20.4	0	52.94	-	-	74	-21.06	253	243	H
2	* 5.364	42.89	Pk	35	-20.5	0	57.39	-	-	74	-16.61	253	243	H
5	* 5.46	30.98	RMS	35.2	-20.4	0	45.78	54	-8.22	-	-	253	243	H
6	* 5.454	32.5	RMS	35.2	-20.4	0	47.3	54	-6.7	-	-	253	243	H
8	5.468	33.83	RMS	35.3	-20.5	0	48.63	-	-	-	-	253	243	H
4	5.469	48.67	Pk	35.3	-20.5	0	63.47	-	-	68.2	-4.73	253	243	H
3	5.47	41.16	Pk	35.3	-20.5	0	55.96	-	-	68.2	-12.24	253	243	H
7	5.47	31.49	RMS	35.3	-20.5	0	46.29	-	-	-	-	253	243	H

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

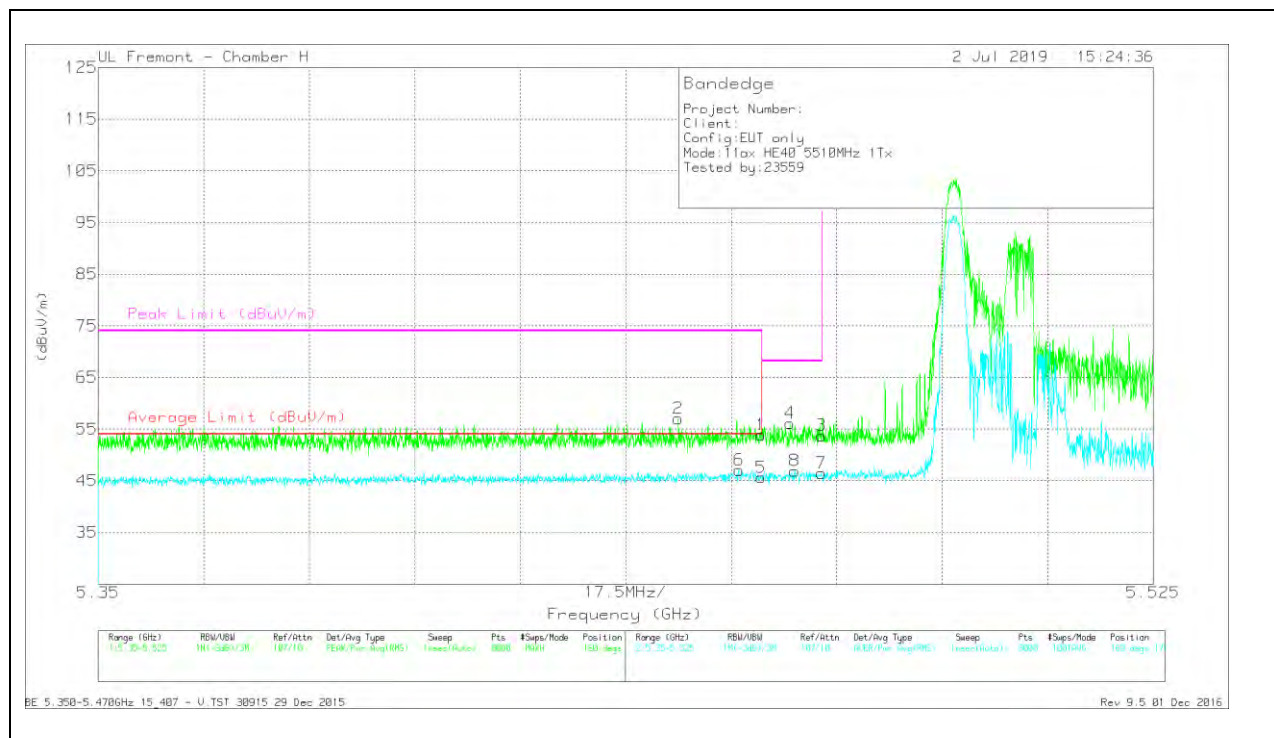
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



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

Pk - Peak detector

RMS - RMS detection

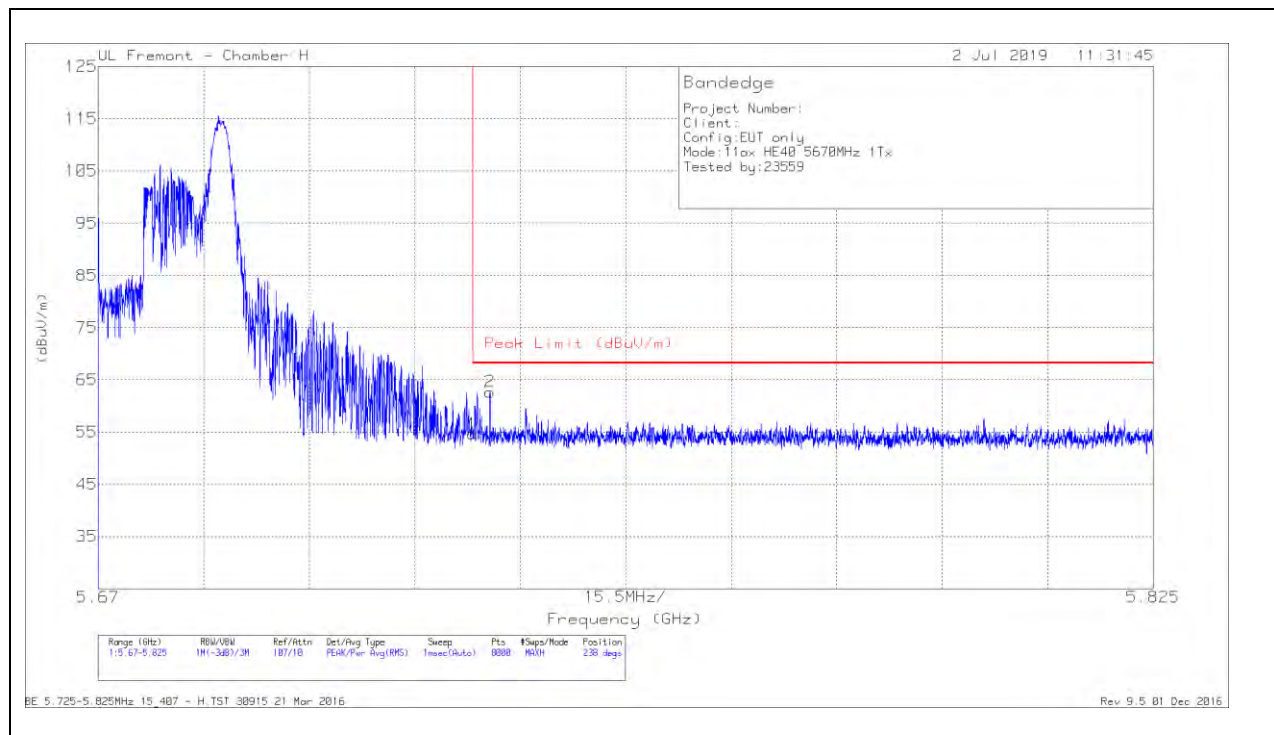
BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 26 Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



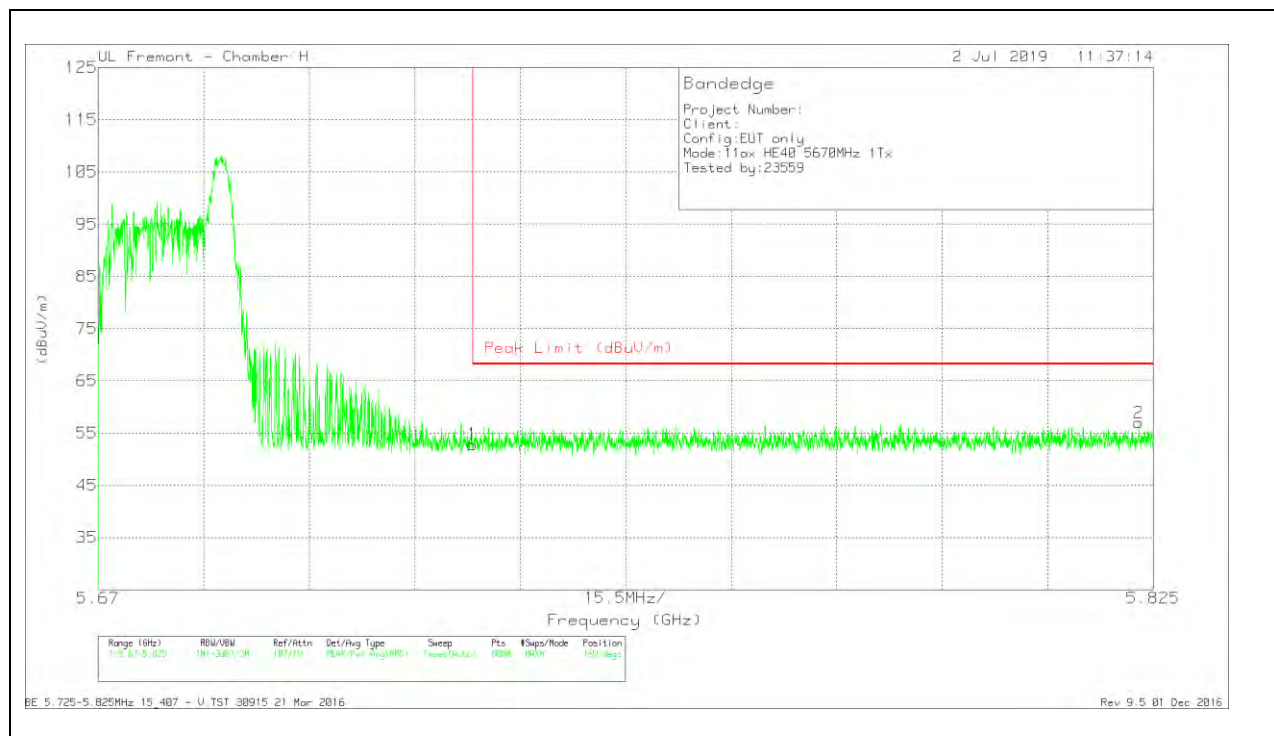
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.39	Pk	35	-20.7	0	54.69	68.2	-13.51	238	252	H
2	5.728	48.5	Pk	34.9	-20.7	0	62.7	68.2	-5.5	238	252	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT

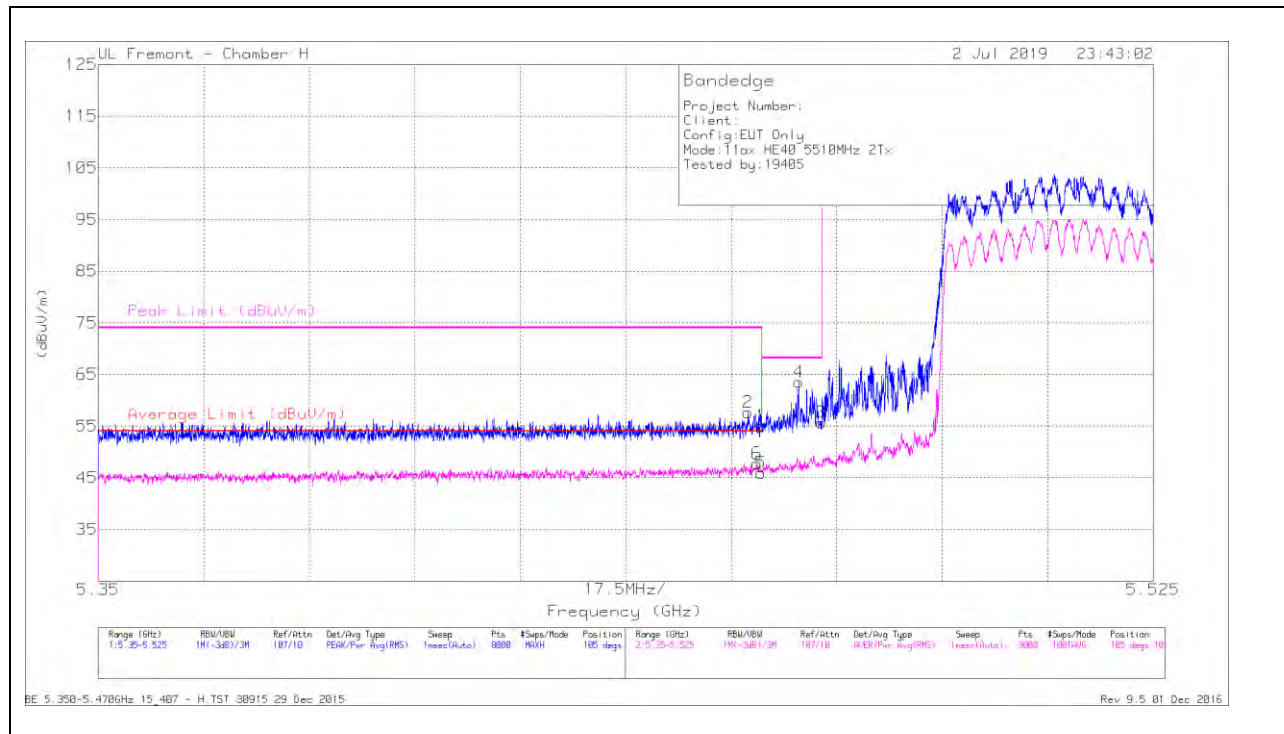


Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.5	PK	35	-20.7	0	52.8	68.2	-15.4	169	393	V
2	5.823	42.26	PK	35.1	-20.4	0	56.96	68.2	-11.24	169	393	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 484 Tones, RU Index 65**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.19	Pk	35.2	-20.4	0	54.99	-	-	74	-19.01	105	107	H
2	* 5.458	42.76	Pk	35.3	-20.4	0	57.66	-	-	74	-16.34	105	107	H
5	* 5.46	31.17	RMS	35.2	-20.4	0	45.97	54	-8.03	-	-	105	107	H
6	* 5.459	32.94	RMS	35.2	-20.4	0	47.74	54	-6.26	-	-	105	107	H
4	5.466	48.84	Pk	35.2	-20.5	0	63.54	-	-	68.2	-4.66	105	107	H
3	5.47	40.88	Pk	35.3	-20.5	0	55.68	-	-	68.2	-12.52	105	107	H

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

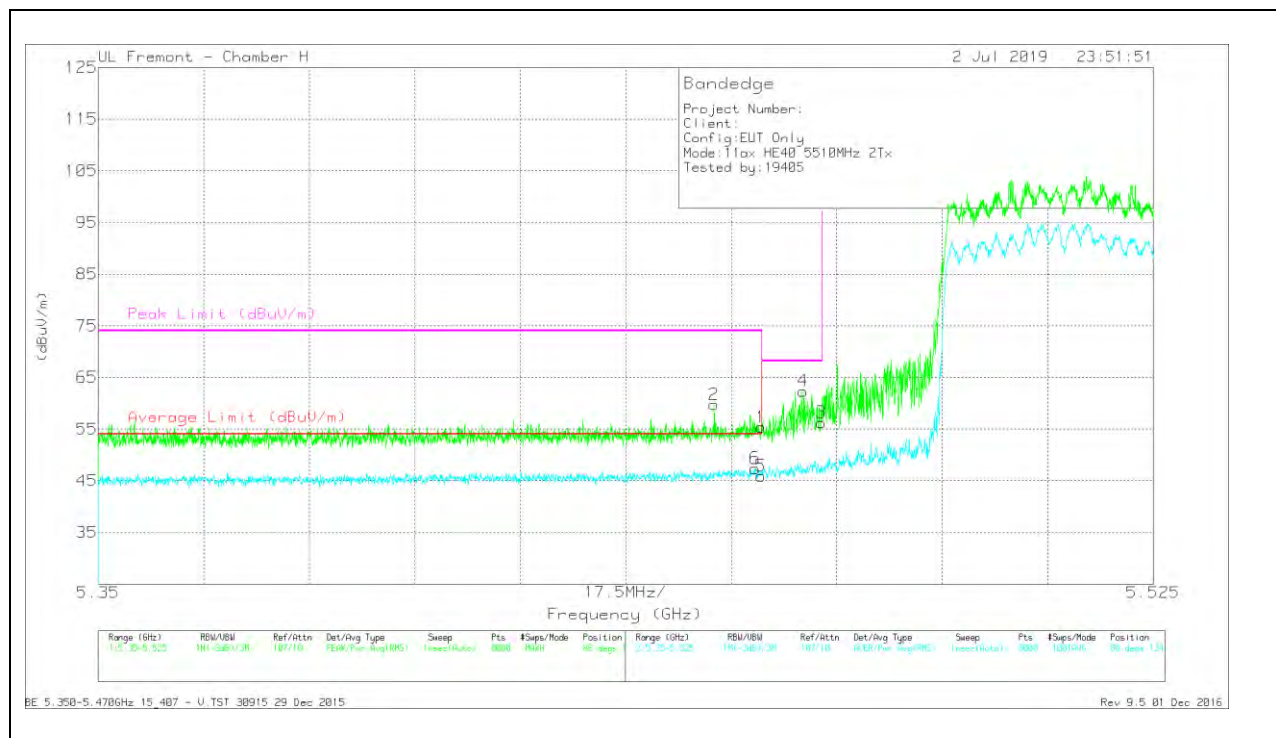
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.56	Pk	35.2	-20.4	0	55.36	-	-	74	-18.64	88	134	V
2	* 5.452	44.96	Pk	35.2	-20.4	0	59.76	-	-	74	-14.24	88	134	V
5	* 5.46	31.12	RMS	35.2	-20.4	0	45.92	54	-8.08	-	-	88	134	V
6	* 5.459	32.48	RMS	35.3	-20.4	0	47.38	54	-6.62	-	-	88	134	V
4	5.467	47.57	Pk	35.3	-20.5	0	62.37	-	-	68.2	-5.83	88	134	V
3	5.47	41.48	Pk	35.3	-20.5	0	56.28	-	-	68.2	-11.92	88	134	V

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

Pk - Peak detector

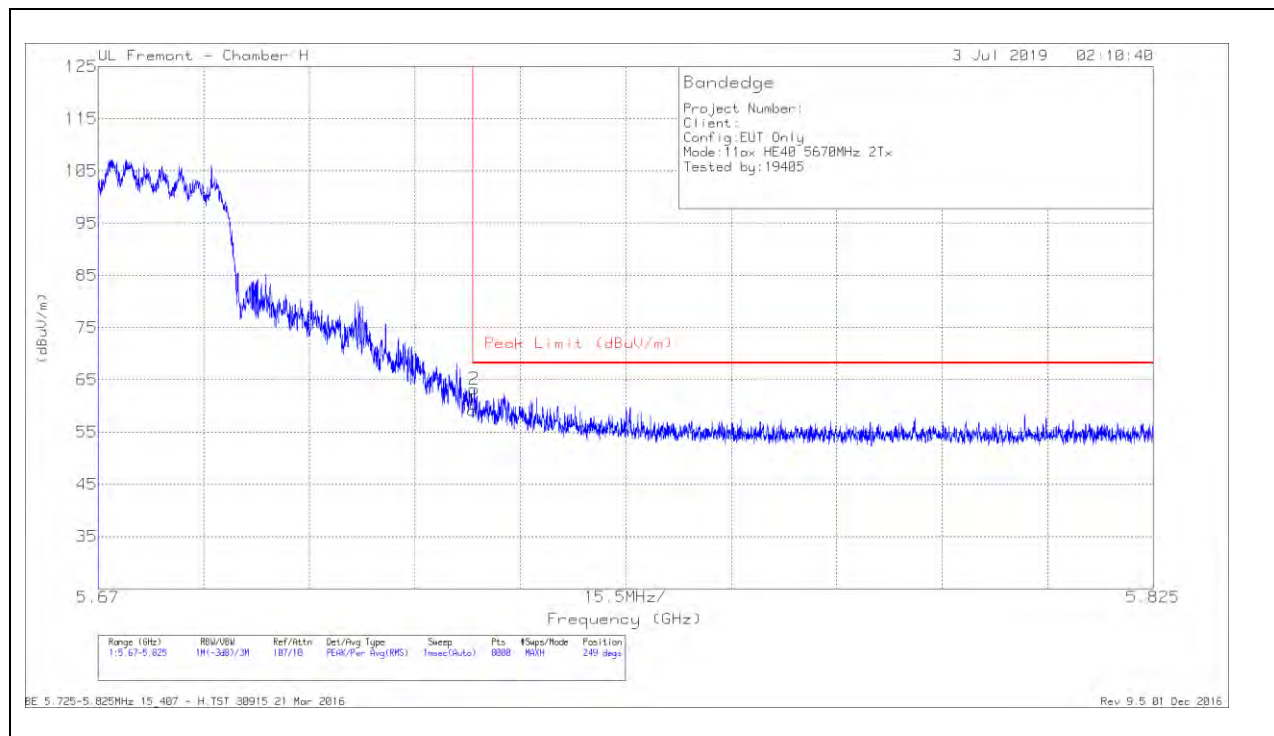
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



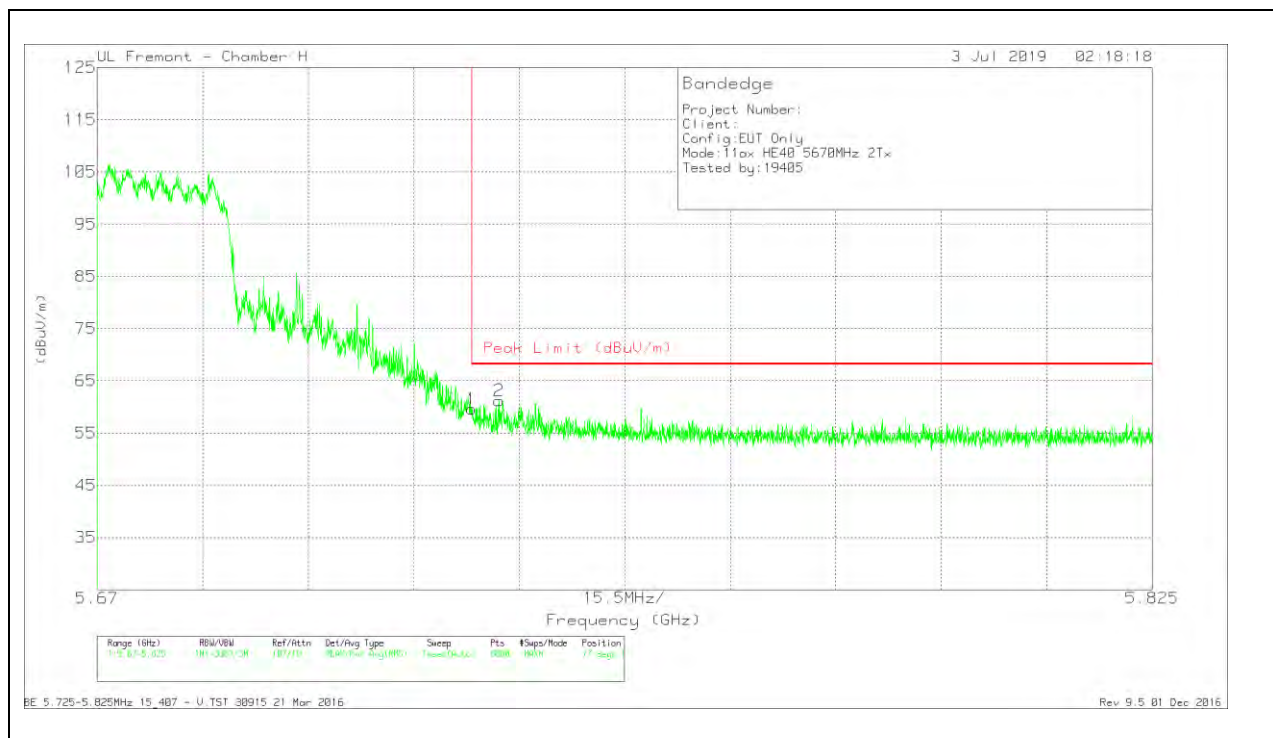
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.85	Pk	35	-20.7	0	59.15	68.2	-9.05	249	157	H
2	5.725	48.95	Pk	35	-20.7	0	63.25	68.2	-4.95	249	157	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.31	PK	35	-20.7	0	59.61	68.2	-8.59	77	111	V
2	5.729	47	PK	34.9	-20.7	0	61.2	68.2	-7	77	111	V

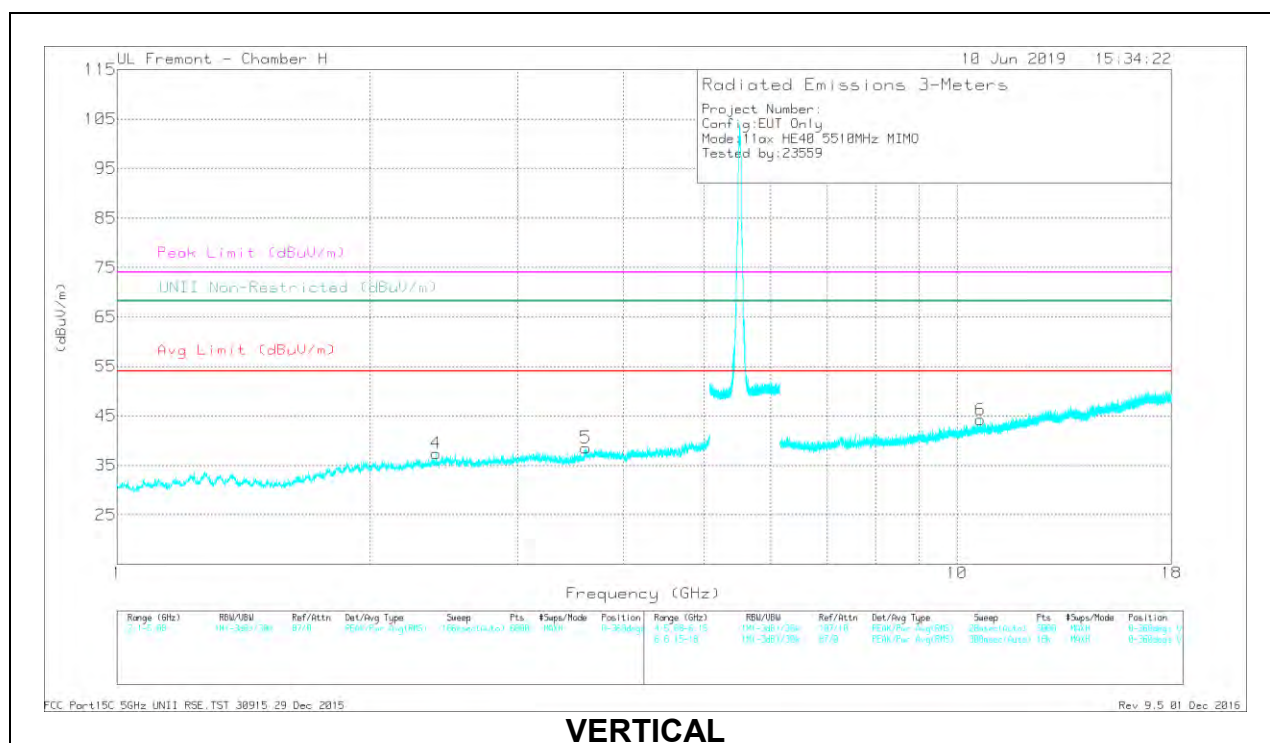
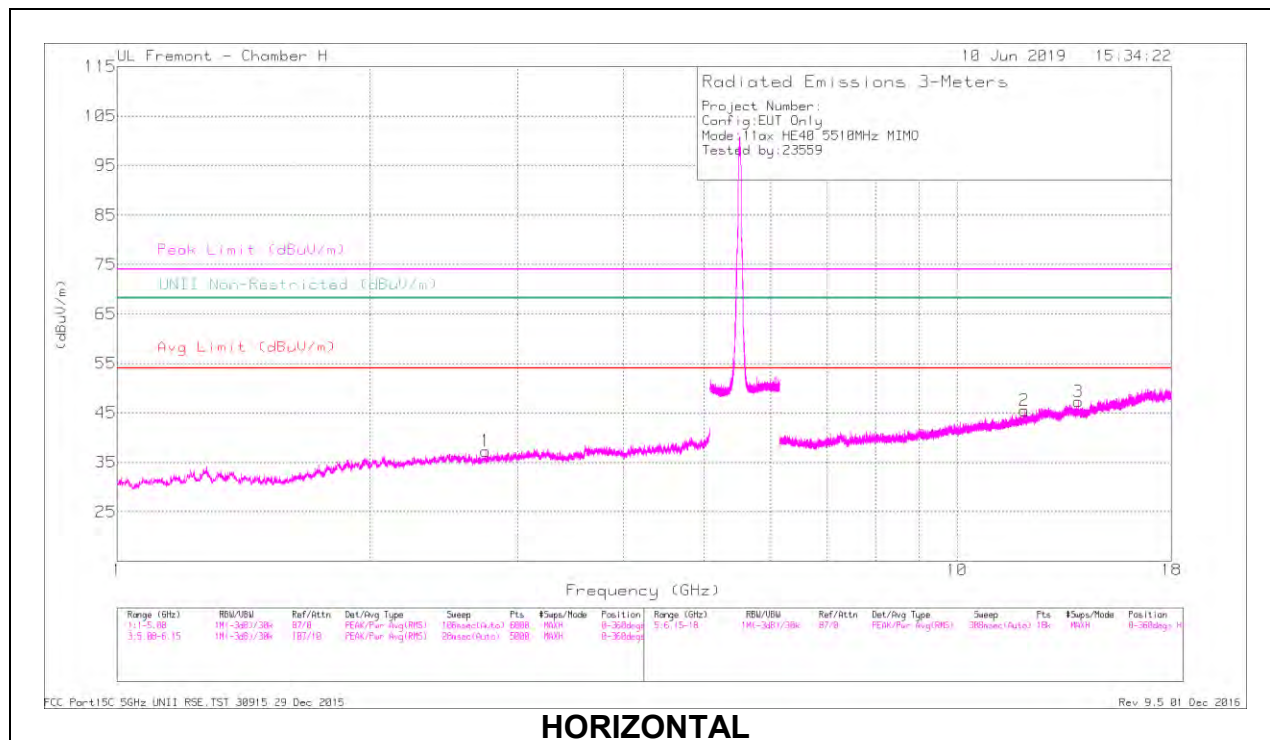
Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.748	43.17	PK-U	32.2	-31.7	0	43.67	-	-	74	-30.33	-	-	69	135	H
	* 2.745	31.35	ADR	32.2	-31.7	0	31.85	54	-22.15	-	-	-	-	69	135	H
5	* 3.614	42.44	PK-U	33.1	-31	0	44.54	-	-	74	-29.46	-	-	204	250	V
	* 3.616	30.72	ADR	33.1	-31	0	32.82	54	-21.18	-	-	-	-	204	250	V
2	* 12.032	35.35	PK-U	38.7	-23.3	0	50.75	-	-	74	-23.25	-	-	254	190	H
	* 12.033	24.58	ADR	38.7	-23.3	0	39.98	54	-14.02	-	-	-	-	254	190	H
6	* 10.668	35.56	PK-U	37.6	-23.6	0	49.56	-	-	74	-24.44	-	-	254	311	V
	* 10.668	24.5	ADR	37.6	-23.6	0	38.5	54	-15.5	-	-	-	-	254	311	V
4	2.397	43.22	PK-U	32.1	-31.9	0	43.42	-	-	-	-	68.2	-24.78	145	210	V
3	13.943	35.87	PK-U	39.3	-22.3	0	52.87	-	-	-	-	68.2	-15.33	129	247	H

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

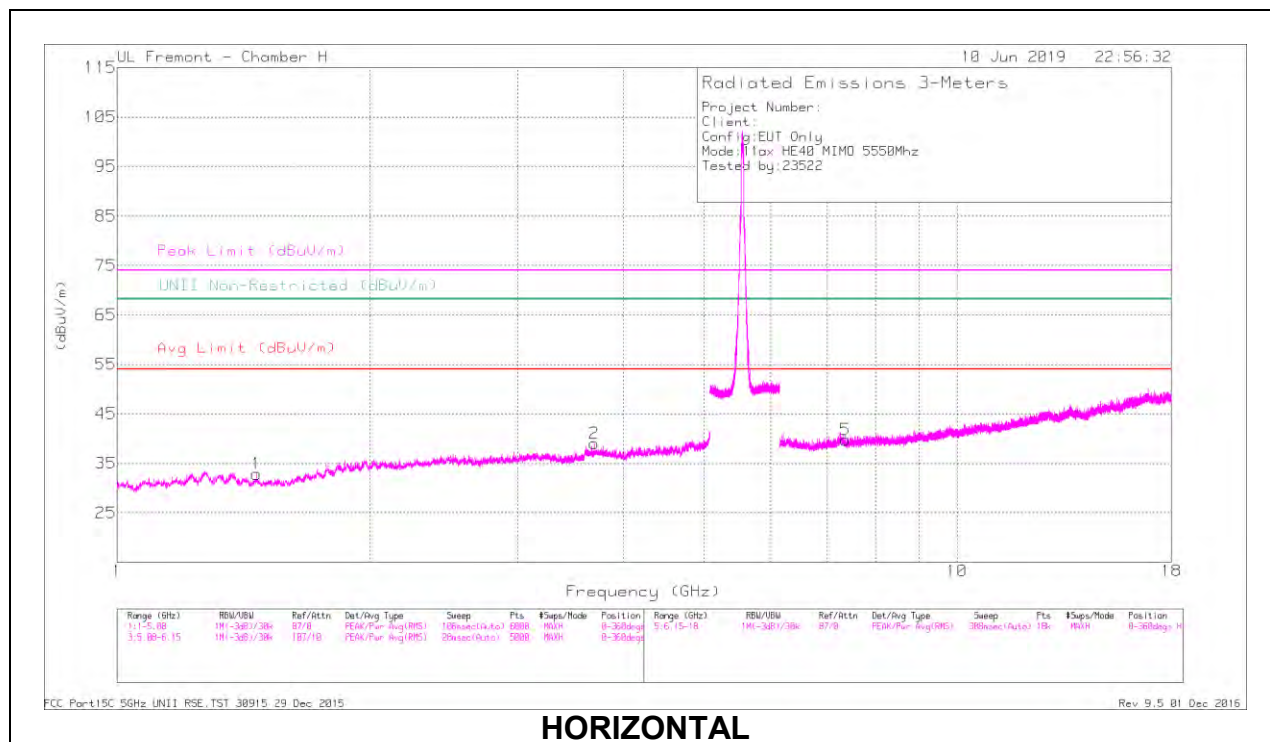
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

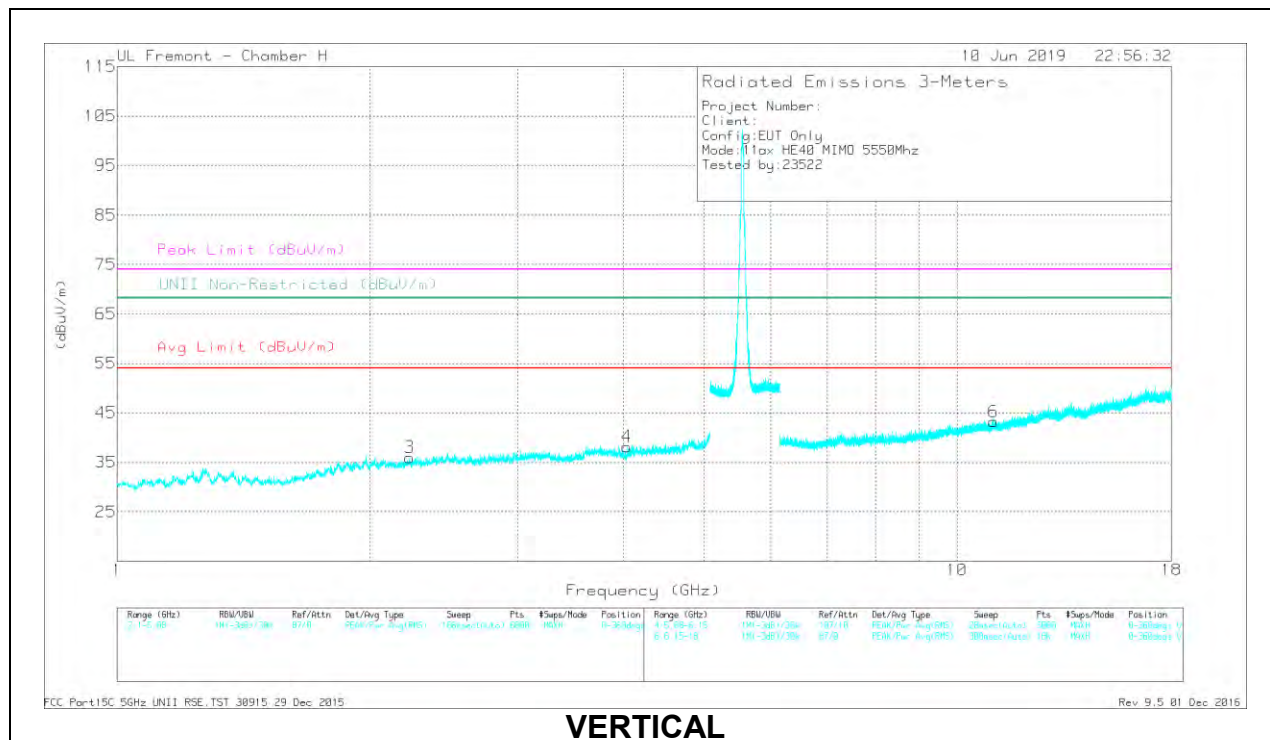
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.464	44.9	PK-U	27.9	-32.9	0	39.9	-	-	74	-34.1	-	-	360	100	H
	* 1.467	32.91	ADR	27.9	-32.9	0	27.91	54	-26.09	-	-	-	-	360	100	H
2	* 3.701	41.26	PK-U	33.1	-30.6	0	43.76	-	-	74	-30.24	-	-	204	155	H
	* 3.699	30.2	ADR	33.1	-30.7	0	32.6	54	-21.4	-	-	-	-	204	155	H
3	* 2.228	43.27	PK-U	31.8	-31.9	0	43.17	-	-	74	-30.83	-	-	63	213	V
	* 2.227	31.41	ADR	31.8	-31.9	0	31.31	54	-22.69	-	-	-	-	63	213	V
4	* 4.046	41.27	PK-U	33.5	-30.7	0	44.07	-	-	74	-29.93	-	-	159	288	V
	* 4.049	30.11	ADR	33.5	-30.7	0	32.91	54	-21.09	-	-	-	-	159	288	V
5	* 7.367	38.83	PK-U	36.1	-27.9	0	47.03	-	-	74	-26.97	-	-	10	325	H
	* 7.368	27.71	ADR	36.1	-27.9	0	35.91	54	-18.09	-	-	-	-	10	325	H
6	* 11.058	36.32	PK-U	37.8	-23.5	0	50.62	-	-	74	-23.38	-	-	137	352	V
	* 11.058	24.77	ADR	37.8	-23.5	0	39.07	54	-14.93	-	-	-	-	137	352	V

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

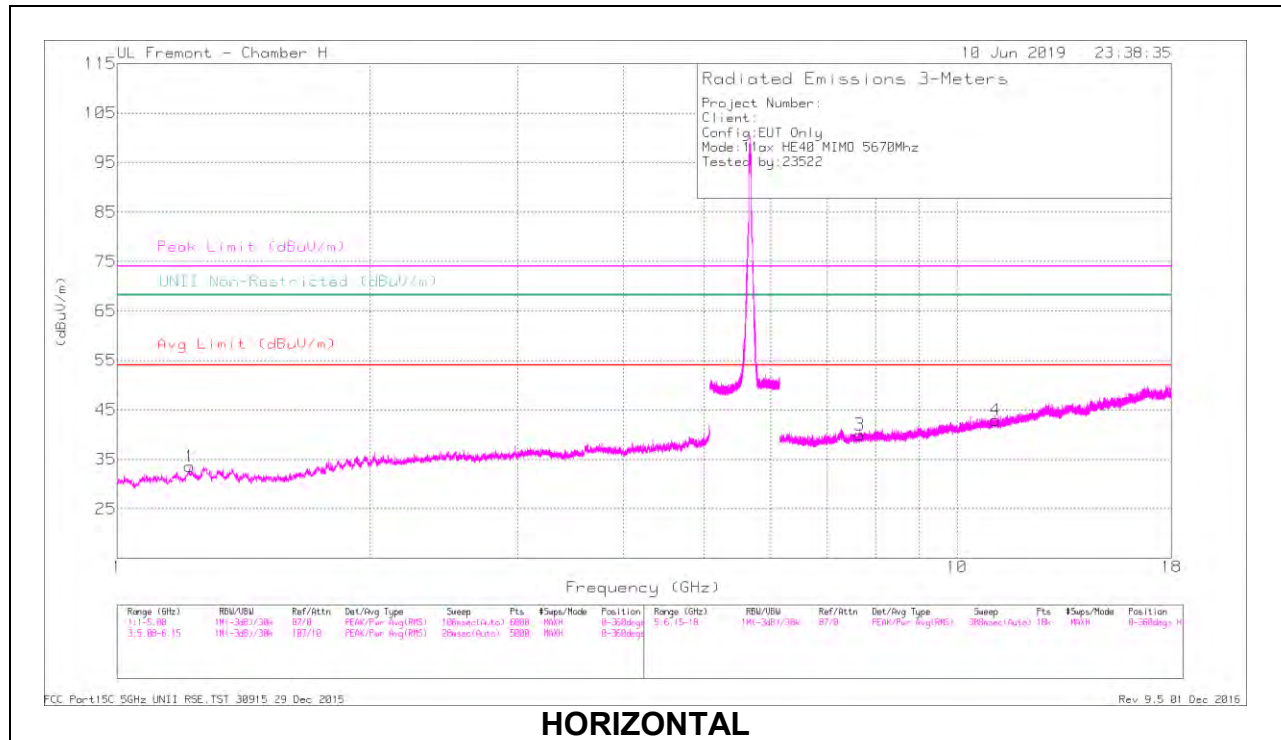
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

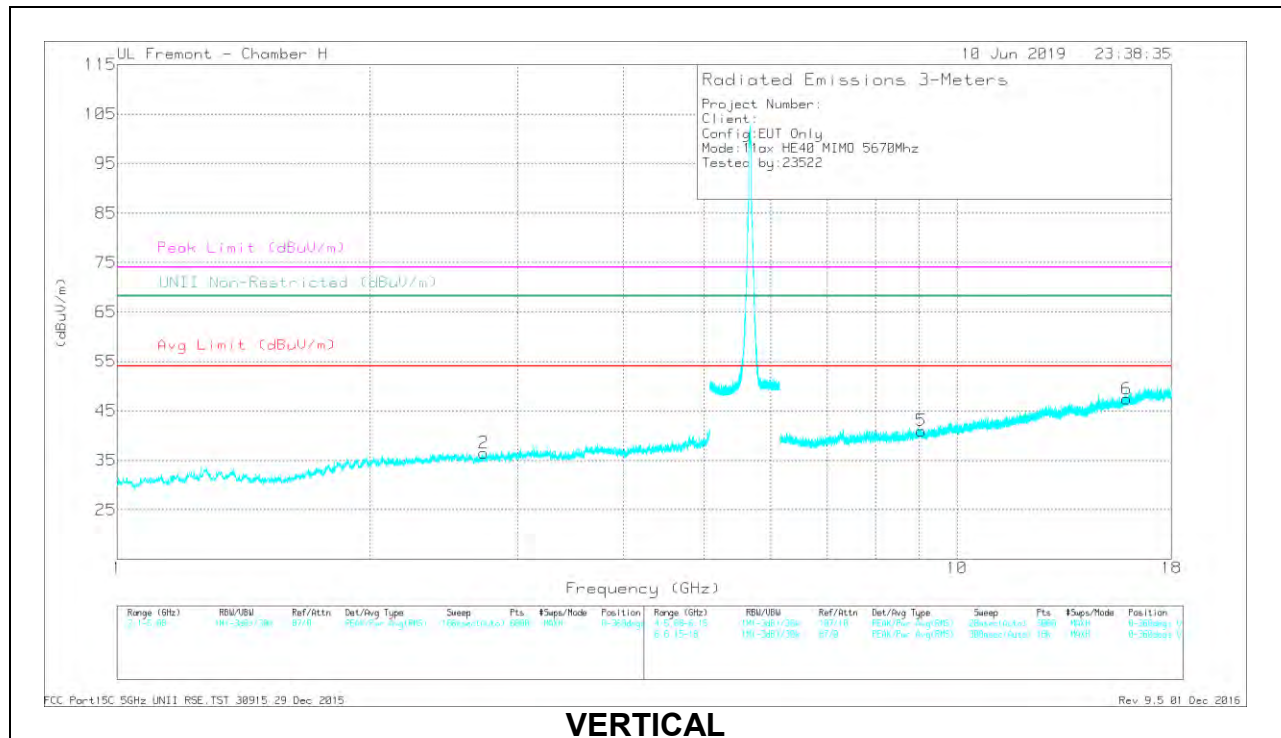
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.221	44.8	PK-U	28.7	-33.1	0	40.4	-	-	74	-33.6	-	-	45	117	H
	* 1.218	32.97	ADR	28.6	-33.1	0	28.47	54	-25.53	-	-	-	-	45	117	H
2	* 2.733	43.03	PK-U	32.2	-31.6	0	43.63	-	-	74	-30.37	-	-	198	183	V
	* 2.73	31.6	ADR	32.2	-31.6	0	32.2	54	-21.8	-	-	-	-	198	183	V
3	* 7.655	38.41	PK-U	36.2	-27.3	0	47.31	-	-	74	-26.69	-	-	341	235	H
	* 7.654	27.3	ADR	36.2	-27.3	0	36.2	54	-17.8	-	-	-	-	341	235	H
4	* 11.116	35.67	PK-U	37.8	-23.5	0	49.97	-	-	74	-24.03	-	-	12	269	H
	* 11.116	24.76	ADR	37.8	-23.5	0	39.06	54	-14.94	-	-	-	-	12	269	H
5	* 9.072	36.43	PK-U	36.2	-24.9	0	47.73	-	-	74	-26.27	-	-	203	303	V
	* 9.074	25.59	ADR	36.2	-25	0	36.79	54	-17.21	-	-	-	-	203	303	V
6	* 15.92	35.1	PK-U	41.3	-21.8	0	54.6	-	-	74	-19.4	-	-	357	369	V
	* 15.92	24.41	ADR	41.3	-21.8	0	43.91	54	-10.09	-	-	-	-	357	369	V

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

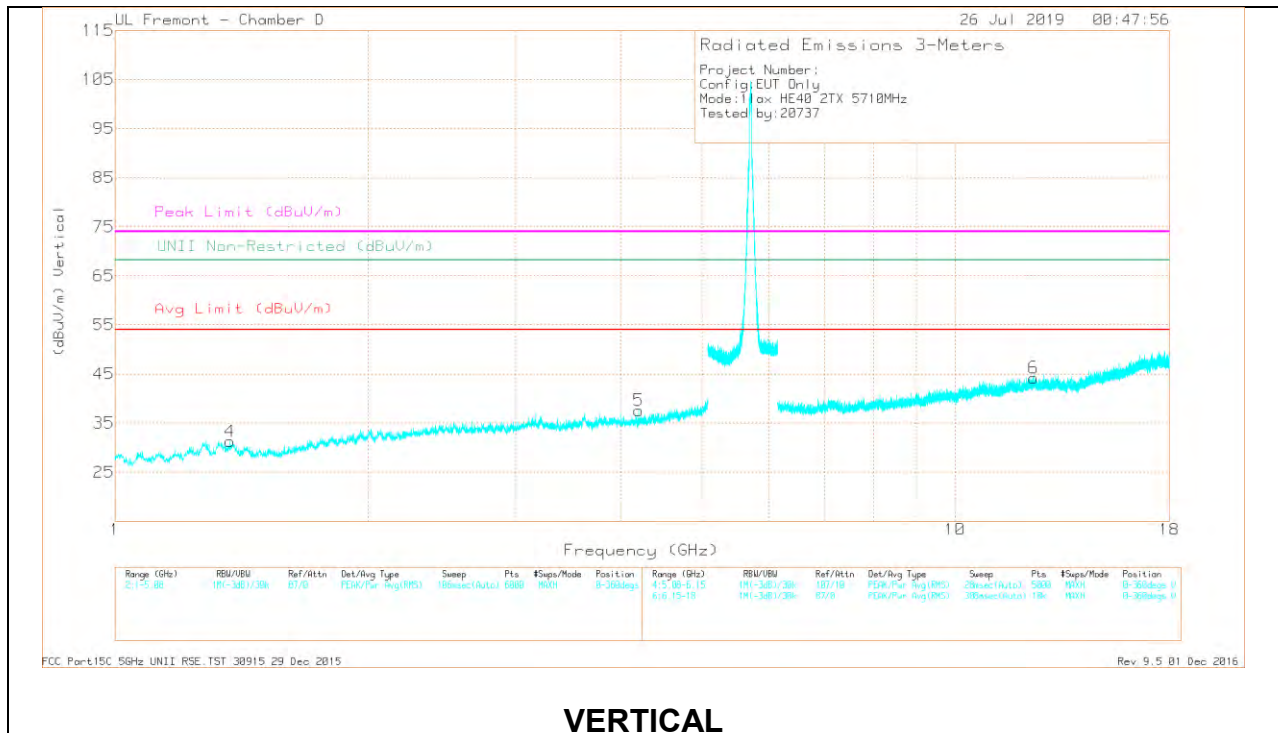
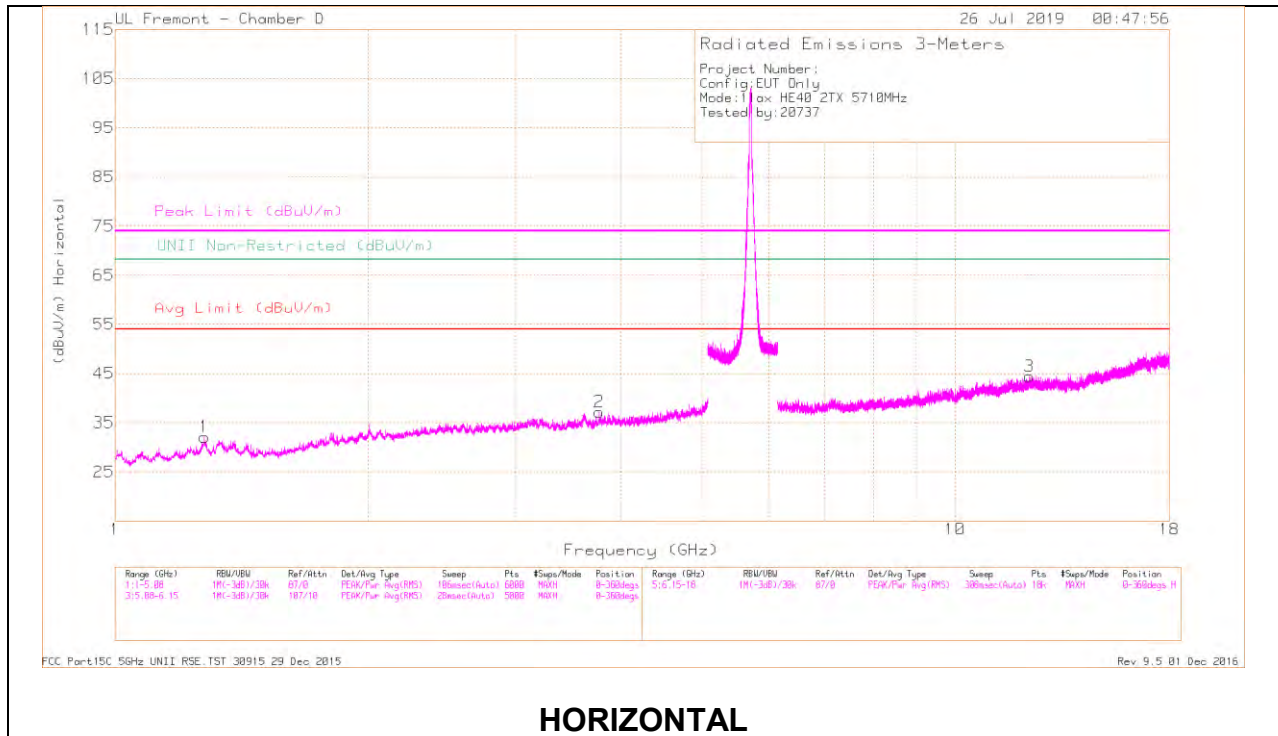
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

CHANNEL 142 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBim)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.277	41.59	PK-U	29.3	-31.7	0	39.19	-	-	74	-34.81	-	-	0	100	H
	* 1.279	29.51	ADR	29.3	-31.6	0	27.21	54	-26.79	-	-	-	-	0	100	H
2	* 3.771	40.23	PK-U	33.3	-28.5	0	45.03	-	-	74	-28.97	-	-	0	200	H
	* 3.769	27.37	ADR	33.3	-28.5	0	32.17	54	-21.83	-	-	-	-	0	200	H
4	* 1.372	40.47	PK-U	29	-31.1	0	38.37	-	-	74	-35.63	-	-	0	102	V
	* 1.373	28.38	ADR	29	-31.1	0	26.28	54	-27.72	-	-	-	-	0	102	V
5	* 4.207	38	PK-U	33.4	-27.8	0	43.6	-	-	74	-30.4	-	-	0	102	V
	* 4.205	26.23	ADR	33.4	-27.7	0	31.93	54	-22.07	-	-	-	-	0	102	V
3	* 12.267	34.78	PK-U	38.9	-21.8	0	51.88	-	-	74	-22.12	-	-	0	201	H
	* 12.268	21.61	ADR	38.9	-21.8	0	38.71	54	-15.29	-	-	-	-	0	201	H
6	* 12.417	34.77	PK-U	38.9	-21.7	0	51.97	-	-	74	-22.03	-	-	0	103	V
	* 12.415	21.58	ADR	38.9	-21.7	0	38.78	54	-15.22	-	-	-	-	0	103	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

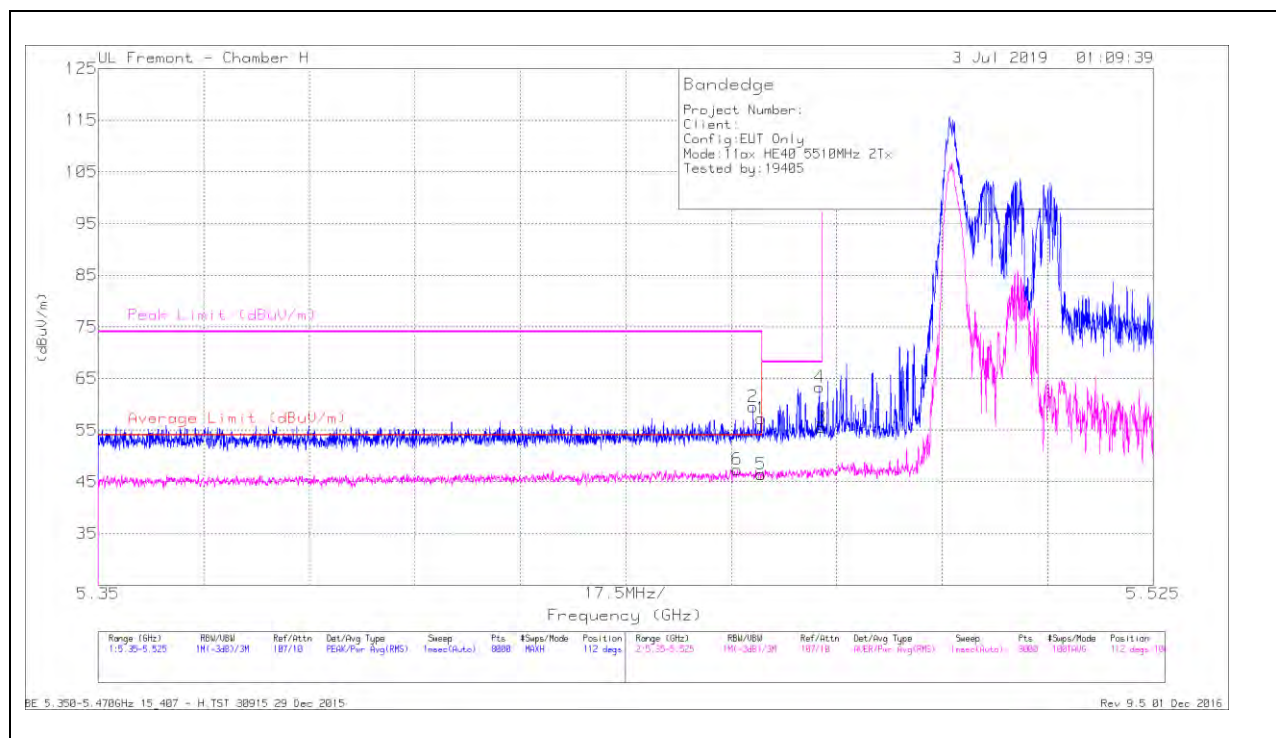
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BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	42.5	Pk	35.2	-20.4	0	57.3	-	-	74	-16.7	112	100	H
2	* 5.459	44.63	Pk	35.3	-20.4	0	59.53	-	-	74	-14.47	112	100	H
5	* 5.46	31.67	RMS	35.2	-20.4	0	46.47	54	-7.53	-	-	112	100	H
6	* 5.456	32.51	RMS	35.3	-20.4	0	47.41	54	-6.59	-	-	112	100	H
3	5.47	40.73	Pk	35.3	-20.5	0	55.53	-	-	68.2	-12.67	112	100	H
4	5.47	48.51	Pk	35.3	-20.5	0	63.31	-	-	68.2	-4.89	112	100	H

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

Pk - Peak detector

RMS - RMS detection

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