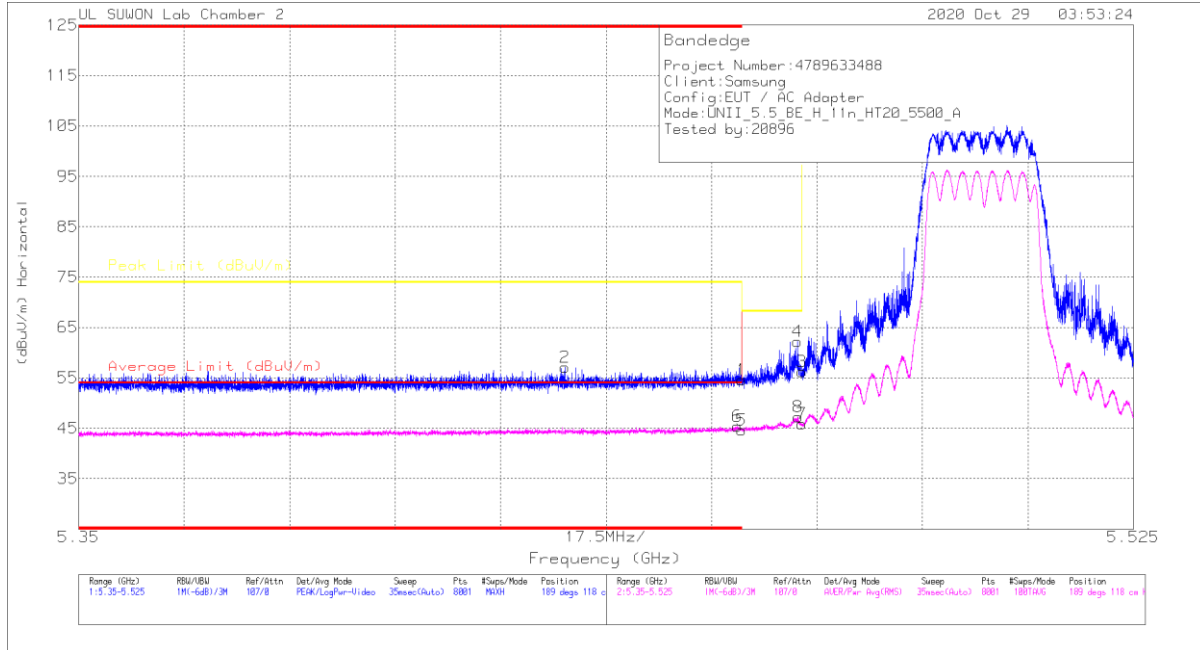


11.3.2. TX ABOVE 1GHz 802.11n HT20 2Tx MODE IN THE 5.5GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

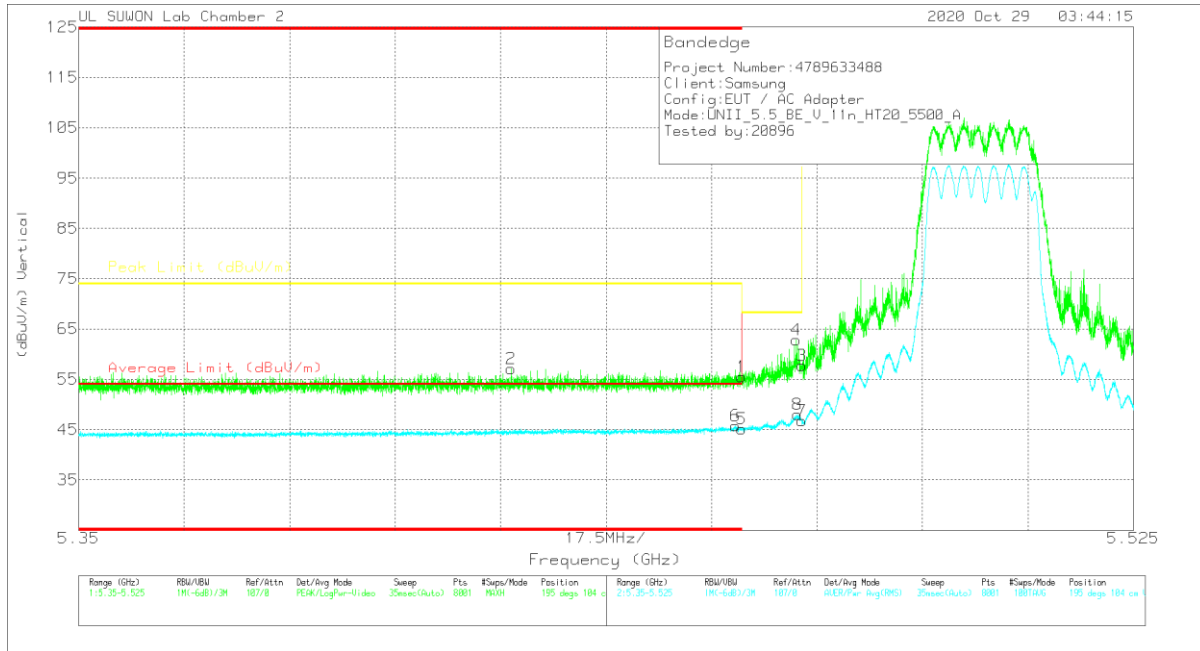
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	37.71	Pk	34.6	-17.7	0	54.61	-	-	74	-19.39	189	118	H
2	* 5.43063	40.21	Pk	34.6	-17.7	0	57.11	-	-	74	-16.89	189	118	H
3	5.46998	39.36	Pk	34.6	-17.7	0	56.26	-	-	68.2	-11.94	189	118	H
4	5.46926	45.33	Pk	34.6	-17.7	0	62.23	-	-	68.2	-5.97	189	118	H
5	* 5.45999	27.76	RMS	34.6	-17.7	0	44.66	54	-9.34	-	-	189	118	H
6	* 5.45929	28.42	RMS	34.6	-17.6	0	45.42	54	-8.58	-	-	189	118	H
7	5.46998	28.97	RMS	34.6	-17.7	0	45.87	-	-	-	-	189	118	H
8	5.46937	30.31	RMS	34.6	-17.7	0	47.21	-	-	-	-	189	118	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	38.63	Pk	34.6	-17.7	0	55.53	-	-	74	-18.47	195	104	V
2	* 5.42177	40.26	Pk	34.6	-17.7	0	57.16	-	-	74	-18.84	195	104	V
3	5.46998	40.79	Pk	34.6	-17.7	0	57.69	-	-	68.2	-10.51	195	104	V
4	5.46992	45.96	Pk	34.6	-17.7	0	62.86	-	-	68.2	-5.34	195	104	V
5	* 5.45999	28.2	RMS	34.6	-17.7	0	45.1	54	-8.9	-	-	195	104	V
6	* 5.459	28.76	RMS	34.6	-17.6	0	45.76	54	-8.24	-	-	195	104	V
7	5.46998	29.89	RMS	34.6	-17.7	0	46.79	-	-	-	-	195	104	V
8	5.46926	31.11	RMS	34.6	-17.7	0	48.01	-	-	-	-	195	104	V

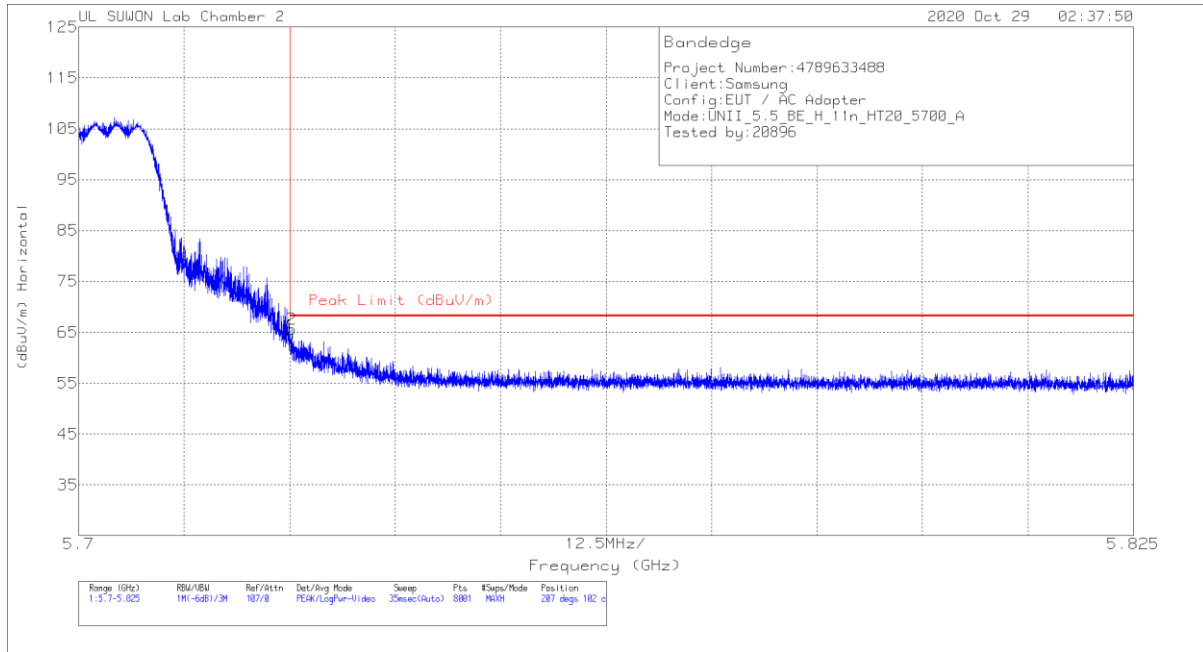
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

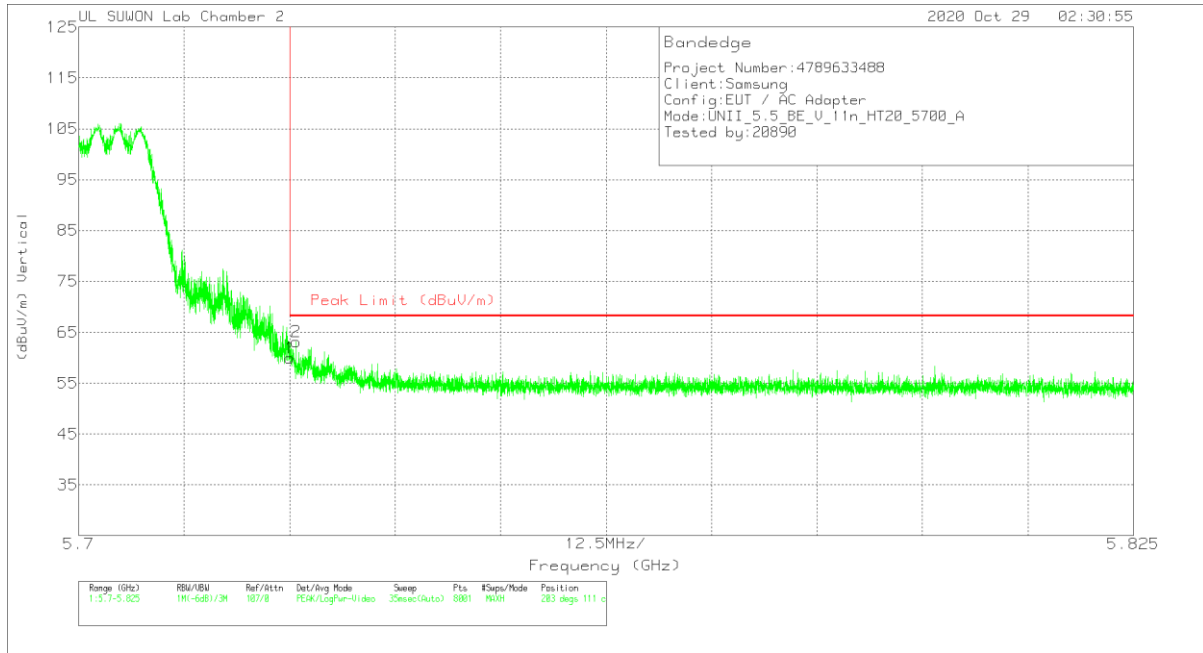


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	46.8	Pk	34.7	-17.1	0	64.4	68.2	-3.8	207	102	H
2	5.72522	48.04	Pk	34.7	-17.1	0	65.64	68.2	-2.56	207	102	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



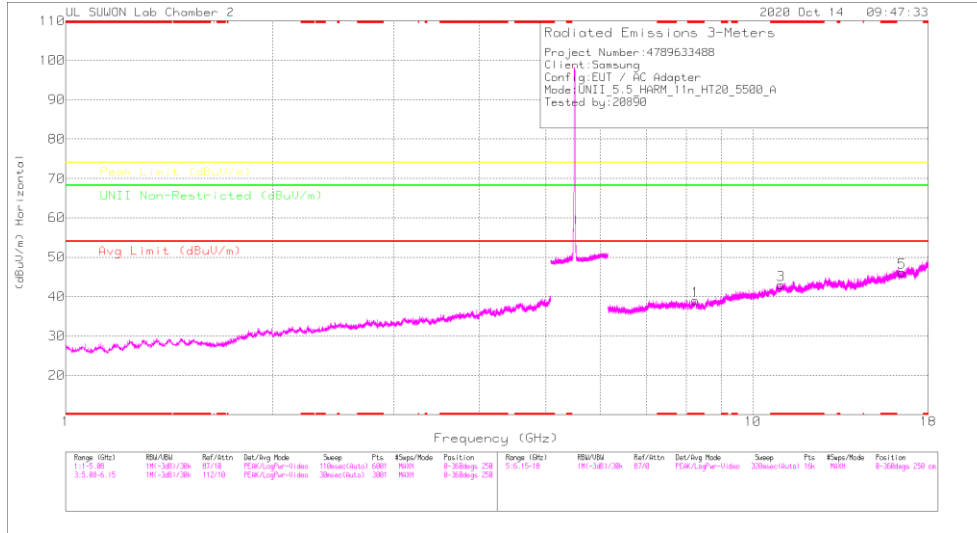
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	42.4	Pk	34.7	-17.1	0	60	68.2	-8.2	203	111	V
2	5.72577	45.56	Pk	34.7	-17.1	0	63.16	68.2	-5.04	203	111	V

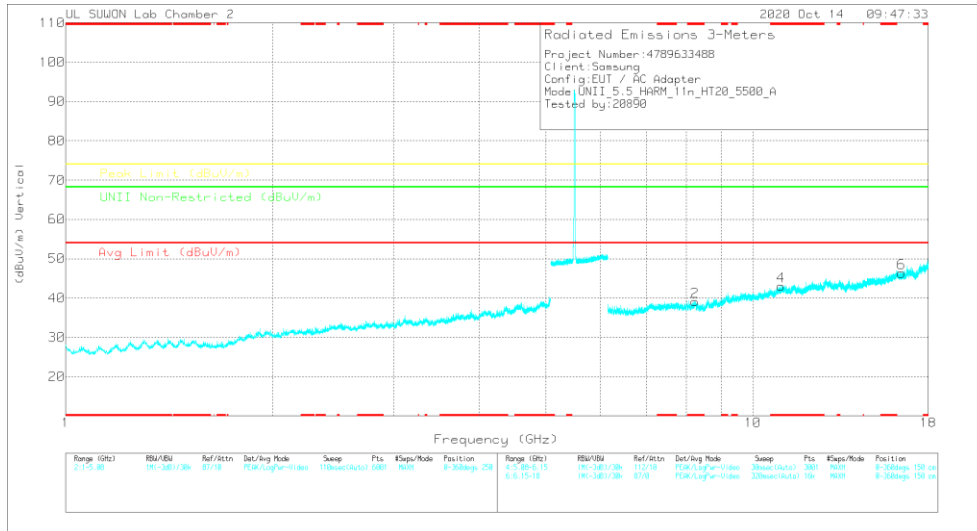
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

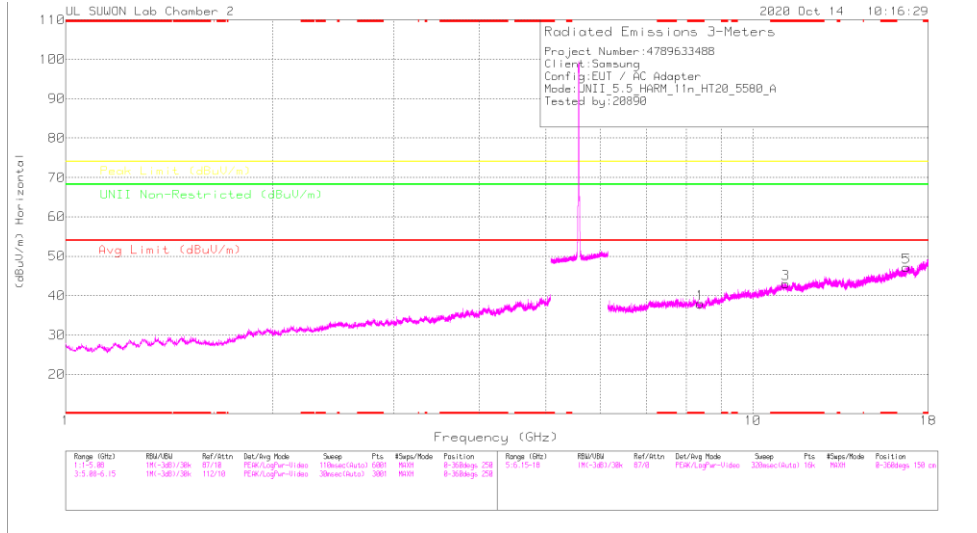
LOW CHANNEL DATA

Radiated Emissions

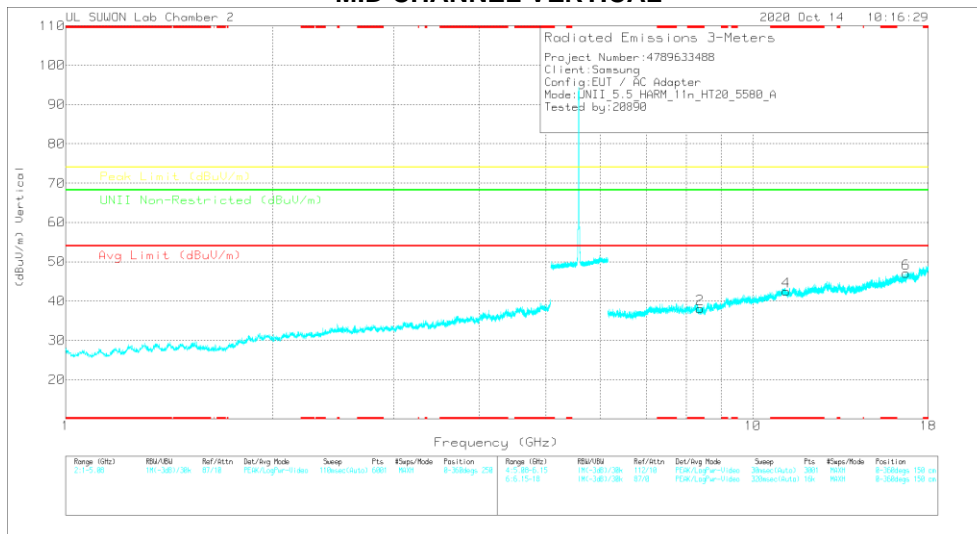
Frequency (GHz)	Max Reading (dBuV)	Det	2117_00160724	@GHz_HF@dB	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
* 8.25287	35.79	PK-U		35.9	-22.2	49.49	-	-	74	-24.51	-	-	0	100	H
* 8.25474	35.3	PK-U		35.9	-22.2	49	-	-	74	-25	-	-	0	100	V
* 10.99543	34.74	PK-U		38.2	-19.7	53.24	-	-	74	-20.76	-	-	0	100	H
* 10.99777	34.32	PK-U		38.2	-19.8	52.72	-	-	74	-21.28	-	-	0	100	V
16.48519	35.24	PK-U		40.8	-19.3	56.74	-	-	-	-	68.2	-11.46	0	100	H
16.48625	34.82	PK-U		40.8	-19.5	56.12	-	-	-	-	68.2	-12.08	0	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

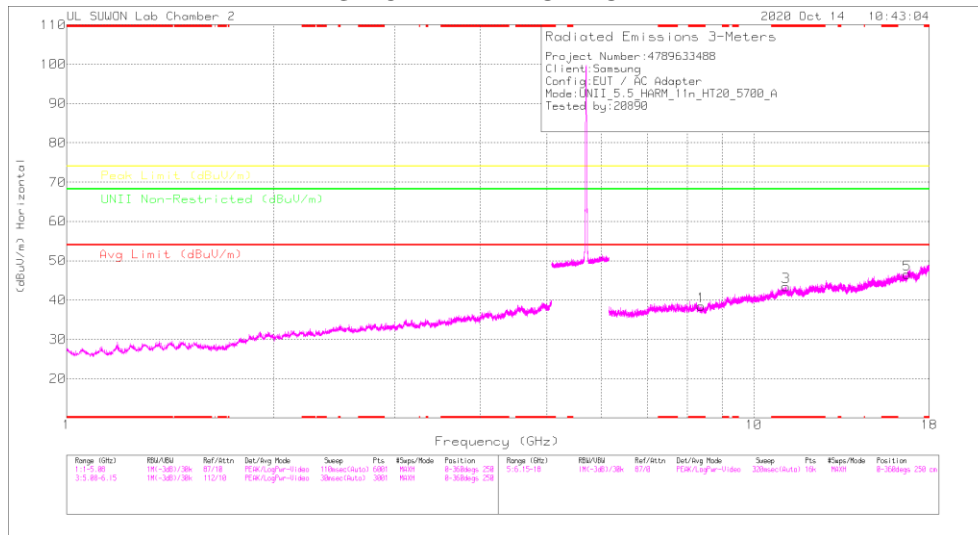
MID CHANNEL DATA

Radiated Emissions

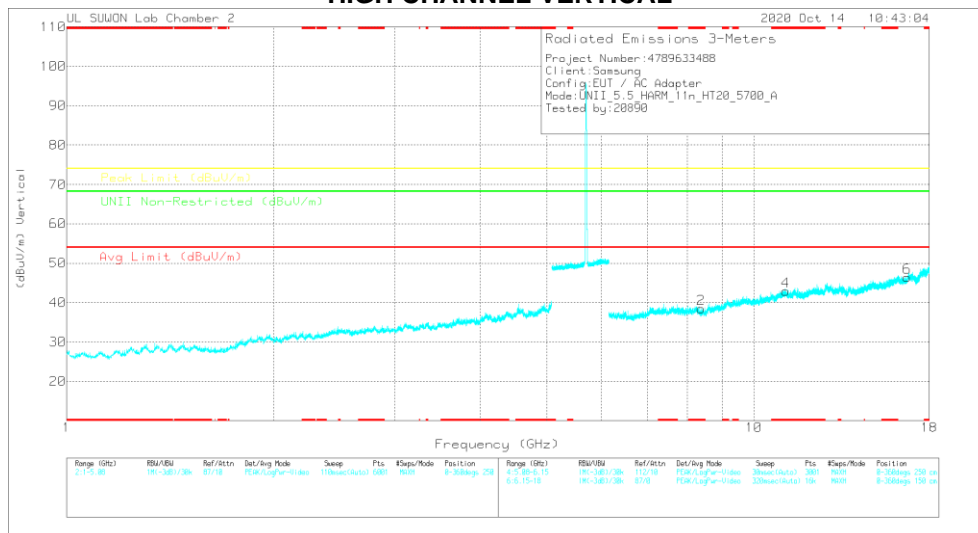
Frequency (GHz)	Max Reading (dBuV)	Det	2117_20160724	@GHz_HF@	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Lim (dBuV/m)	Margin (dB)	Peak Lim (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.37426	35.24	PK-U		36	-22.9	0	48.34	-	74	-25.66	-	-	0	100	H
* 8.37556	35.13	PK-U		36	-22.9	0	48.23	-	74	-25.77	-	-	0	100	V
* 11.15966	34.17	PK-U		38.3	-19	0	53.47	-	74	-20.53	-	-	0	100	H
* 11.15816	33.85	PK-U		38.3	-19	0	53.15	-	74	-20.85	-	-	0	100	V
16.73022	34.33	PK-U		41.1	-18.8	0	56.63	-	-	-	68.2	-11.57	0	100	H
16.73016	34.63	PK-U		41.1	-18.8	0	56.93	-	-	-	68.2	-11.27	0	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meter Reading (dBm)	Det	317_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limt (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	Margin (dB)	UNII Non-Restricted (dBUV/m)	Margin (dB)	Antenna (dBi)	Height (cm)	Polarity
* 8.38528	35.06	PK-U	36	-23	0	48.06	-	-	74	-25.94	-	-	0	100	H
* 8.38706	34.95	PK-U	36	-23	0	47.95	-	-	74	-26.05	-	-	0	100	V
* 11.13577	34.15	PK-U	38.3	-18.9	0	53.55	-	-	74	-20.45	-	-	0	100	H
* 11.13626	34	PK-U	38.3	-18.9	0	53.4	-	-	74	-20.6	-	-	0	100	V
16.71244	34.91	PK-U	41.1	-19	0	57.01	-	-	-	-	68.2	-11.19	0	100	H
16.71089	34.31	PK-U	41.1	-18.9	0	56.51	-	-	-	-	68.2	-11.69	0	100	V

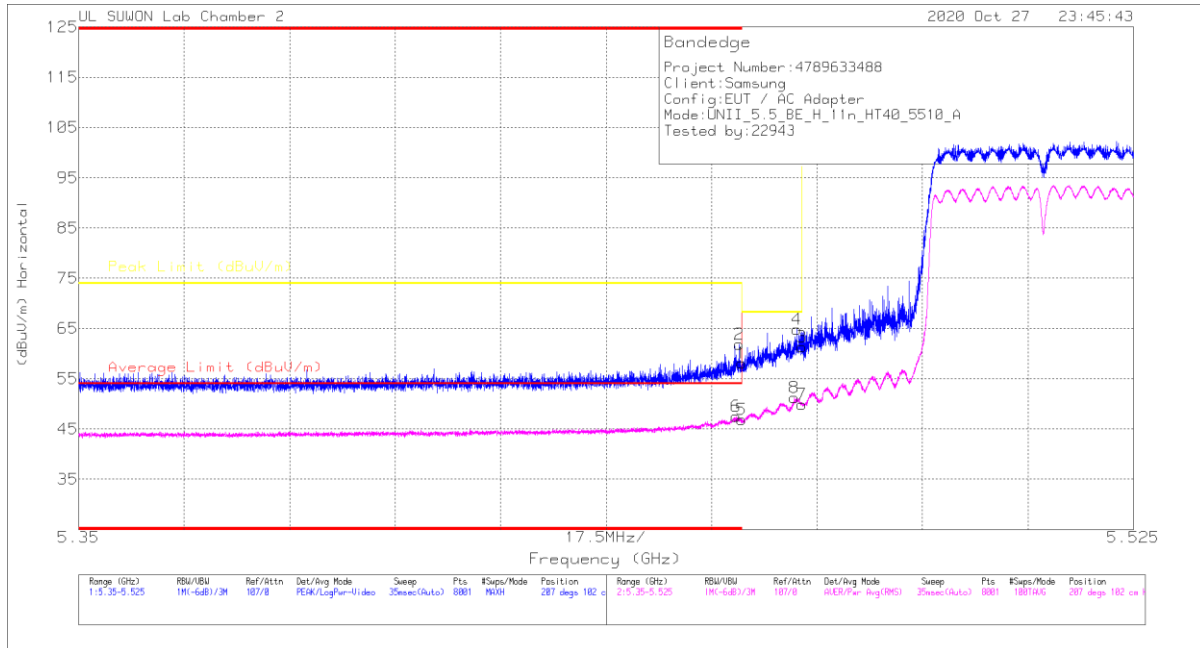
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.3.3. TX ABOVE 1GHz 802.11n HT40 2Tx MODE IN THE 5.5GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

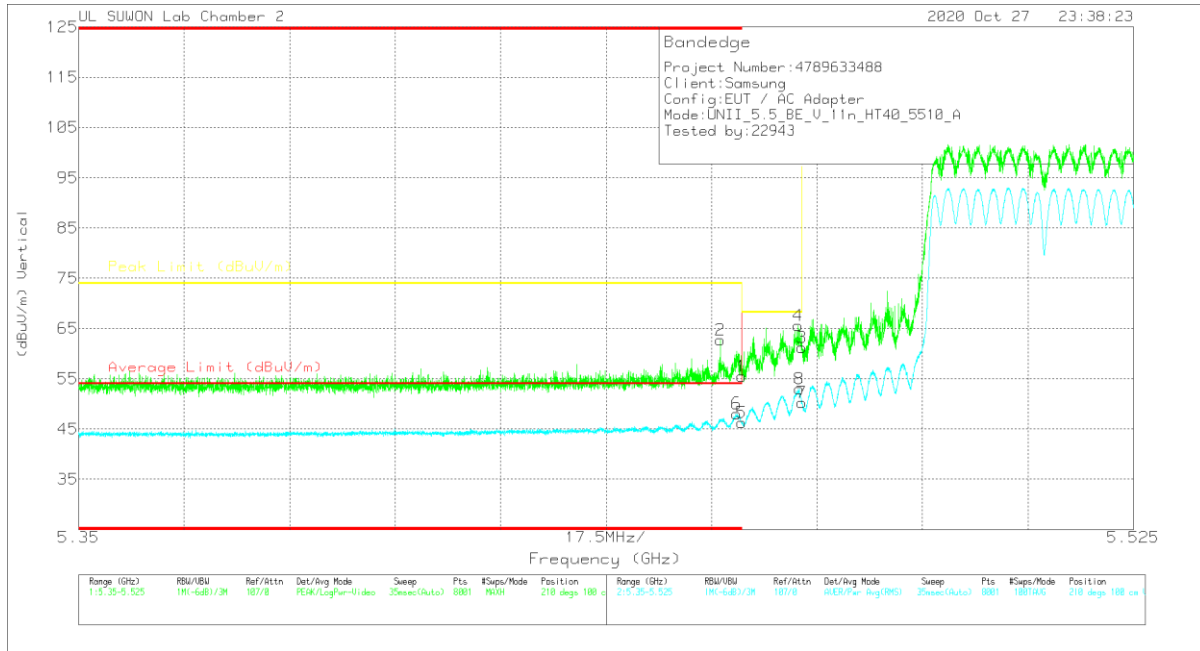
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	41.22	Pk	34.6	-17.7	0	58.12	-	-	74	-15.88	207	102	H
2	* 5.45957	44.89	Pk	34.6	-17.6	0	61.89	-	-	74	-12.11	207	102	H
3	5.46998	44.42	Pk	34.6	-17.7	0	61.32	-	-	68.2	-6.88	207	102	H
4	5.46918	47.95	Pk	34.6	-17.7	0	64.85	-	-	68.2	-3.35	207	102	H
5	* 5.45999	30.04	RMS	34.6	-17.7	0	46.94	54	-7.06	-	-	207	102	H
6	* 5.45907	30.49	RMS	34.6	-17.6	0	47.49	54	-6.51	-	-	207	102	H
7	5.46998	33.02	RMS	34.6	-17.7	0	49.92	-	-	-	-	207	102	H
8	5.46878	34.35	RMS	34.6	-17.7	0	51.25	-	-	-	-	207	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	38.6	Pk	34.6	-17.7	0	55.5	-	-	74	-18.5	210	100	V
2	* 5.45647	45.79	Pk	34.6	-17.7	0	62.69	-	-	74	-11.31	210	100	V
3	5.46998	44.33	Pk	34.6	-17.7	0	61.23	-	-	68.2	-6.97	210	100	V
4	5.46935	48.73	Pk	34.6	-17.7	0	65.63	-	-	68.2	-2.57	210	100	V
5	* 5.45999	29.38	RMS	34.6	-17.7	0	46.28	54	-7.72	-	-	210	100	V
6	* 5.4592	31.07	RMS	34.6	-17.6	0	48.07	54	-5.93	-	-	210	100	V
7	5.46998	33.34	RMS	34.6	-17.7	0	50.24	-	-	-	-	210	100	V
8	5.46955	36.15	RMS	34.6	-17.7	0	53.05	-	-	-	-	210	100	V

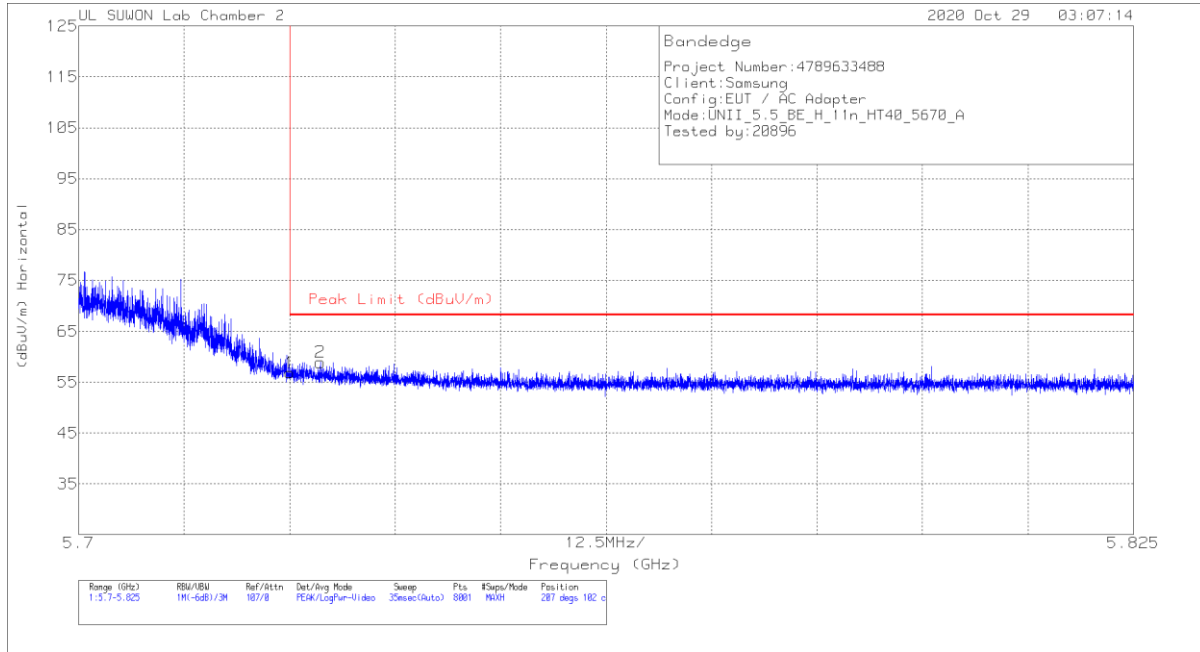
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

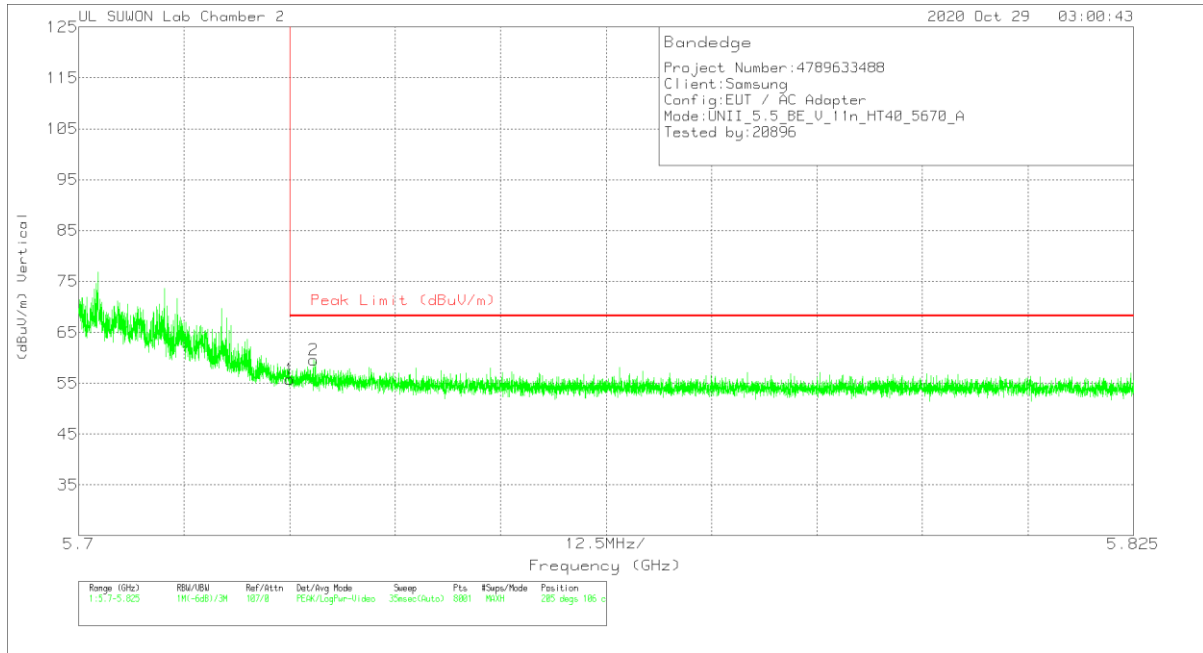


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	39.31	Pk	34.7	-17.1	0	56.91	68.2	-11.29	207	102	H
2	5.72863	41.2	Pk	34.7	-17	0	58.9	68.2	-9.3	207	102	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



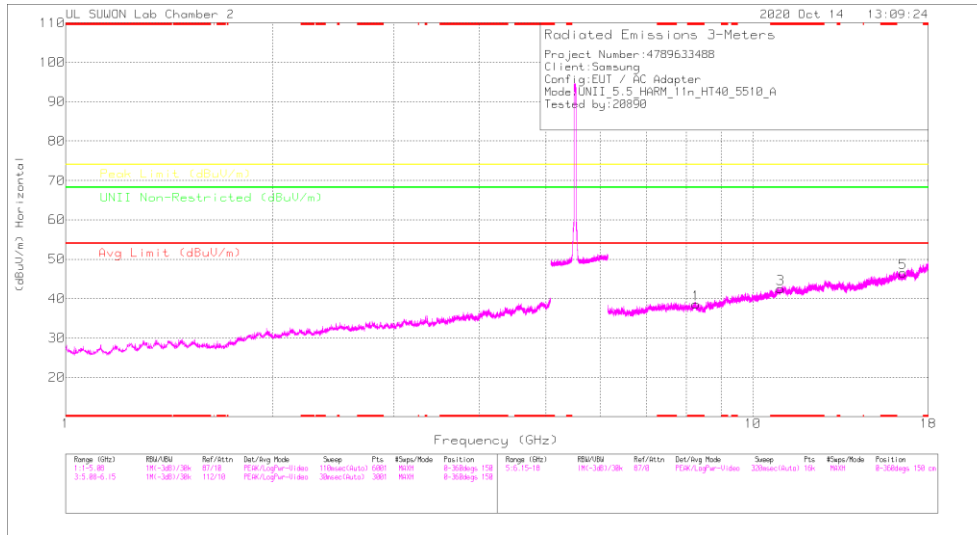
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	38.13	Pk	34.7	-17.1	0	55.73	68.2	-12.47	205	106	V
2	5.72781	41.94	Pk	34.7	-17.1	0	59.54	68.2	-8.66	205	106	V

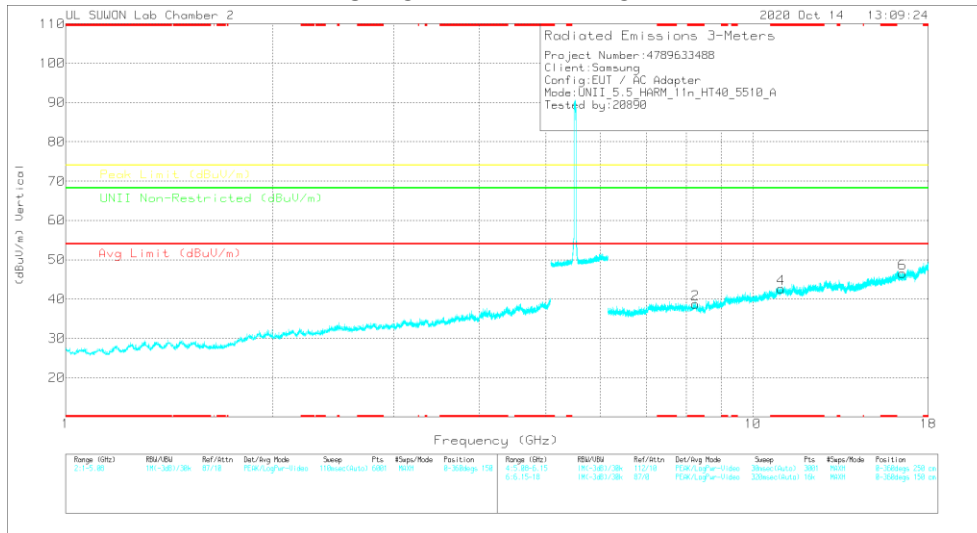
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

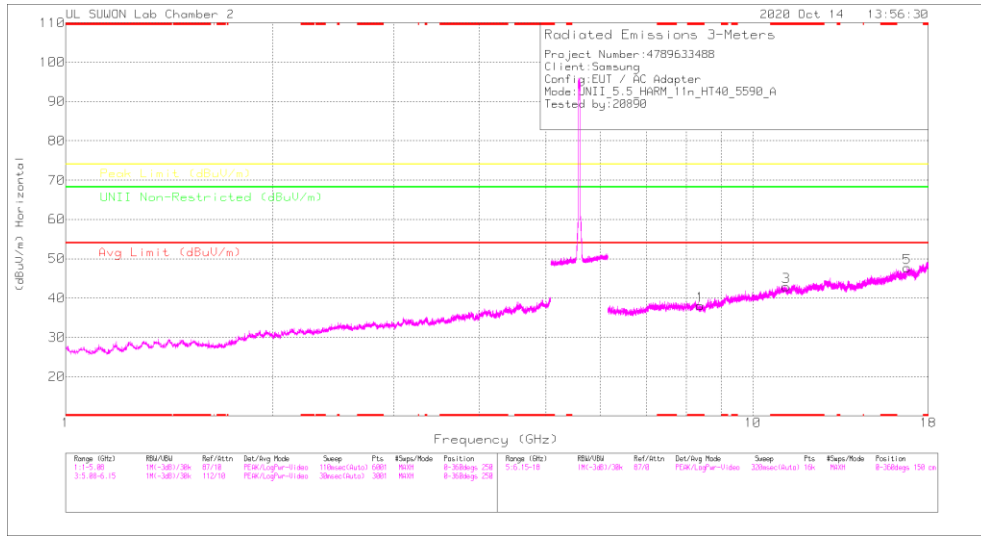
LOW CHANNEL DATA

Radiated Emissions

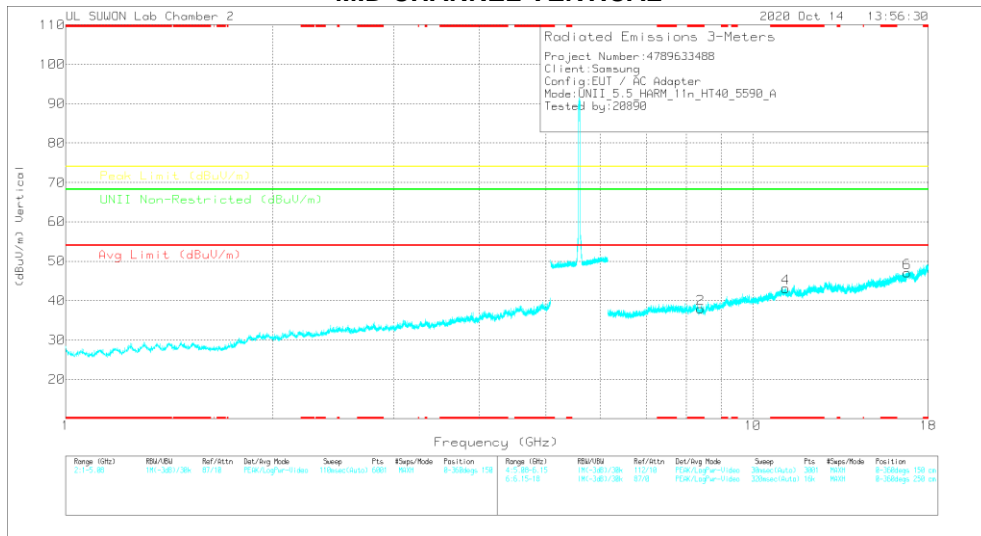
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HF(SB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmth (Degs)	Height (cm)	Polarity
* 8.26308	34.78	PK-U	35.9	-22.3	0	48.38	-	-	74	-25.62	-	-	360	100	H
* 8.26466	35.15	PK-U	35.9	-22.3	0	48.75	-	-	74	-25.25	-	-	360	100	V
* 10.97442	34.16	PK-U	38.2	-19.8	0	52.56	-	-	74	-21.44	-	-	360	100	H
* 10.97467	34.29	PK-U	38.2	-19.8	0	52.69	-	-	74	-21.31	-	-	360	100	V
16.55036	34.91	PK-U	40.9	-19.3	0	56.51	-	-	-	-	68.2	-11.69	360	100	H
16.55137	34.63	PK-U	40.9	-19.4	0	56.13	-	-	-	-	68.2	-12.07	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

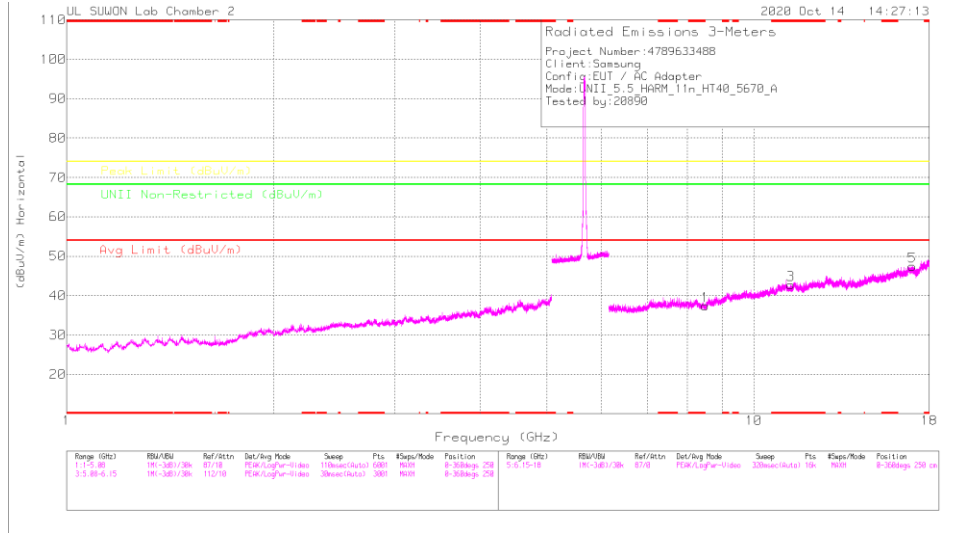
MID CHANNEL DATA

Radiated Emissions

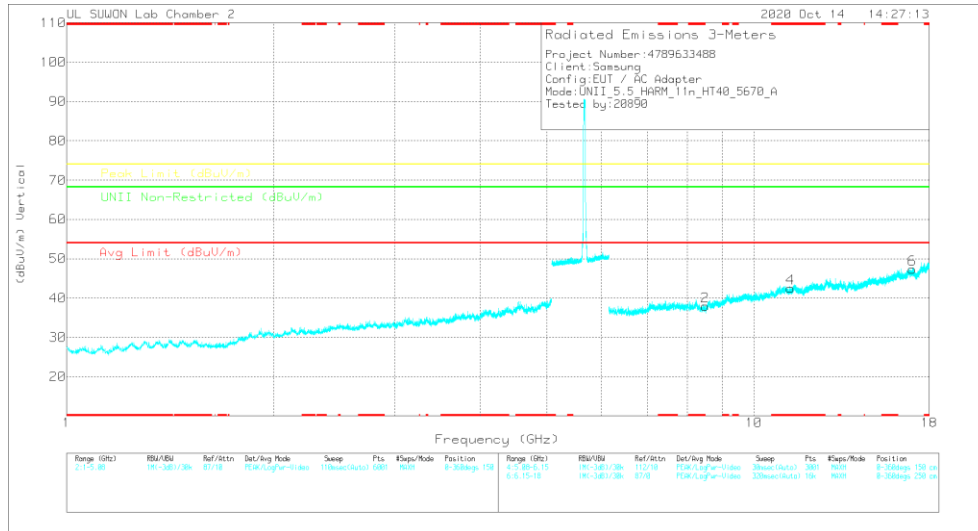
Frequency (GHz)	Main Reading (dBuV)	Det	317_00168724	6GHz_HPSIS	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
* 8.38165	35.2	PK-U	36	-22.9	0	48.3	-	-	74	-25.7	-	-	360	100	H
* 8.3801	35.24	PK-U	36	-22.9	0	48.34	-	-	74	-25.66	-	-	360	100	V
* 11.17677	33.51	PK-U	38.3	-19	0	52.81	-	-	74	-21.19	-	-	360	100	H
* 11.17555	33.81	PK-U	38.3	-19.1	0	53.01	-	-	74	-20.99	-	-	360	100	V
16.76929	34.93	PK-U	41.2	-18.5	0	57.63	-	-	-	-	68.2	-10.57	360	100	H
16.76991	34.66	PK-U	41.2	-18.5	0	57.36	-	-	-	-	68.2	-10.64	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HF[S]	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Meters)	Height (cm)	Polarity
8.50074	34.51	PK-U	36	-22.6	0	47.91	-	-	-	-	68.2	-20.29	360	100	H
8.50025	34.3	PK-U	36	-22.6	0	47.7	-	-	-	-	68.2	-20.5	360	100	V
* 11.31514	34.08	PK-U	38.3	-19.5	0	52.88	-	-	74	-21.12	-	-	360	100	H
* 11.31553	33.75	PK-U	38.3	-19.5	0	52.55	-	-	74	-21.45	-	-	360	100	V
17.01844	34.5	PK-U	41.1	-18.3	0	57.3	-	-	-	-	68.2	-10.9	360	100	H
17.01816	34.34	PK-U	41.1	-18.3	0	57.14	-	-	-	-	68.2	-11.06	360	100	V

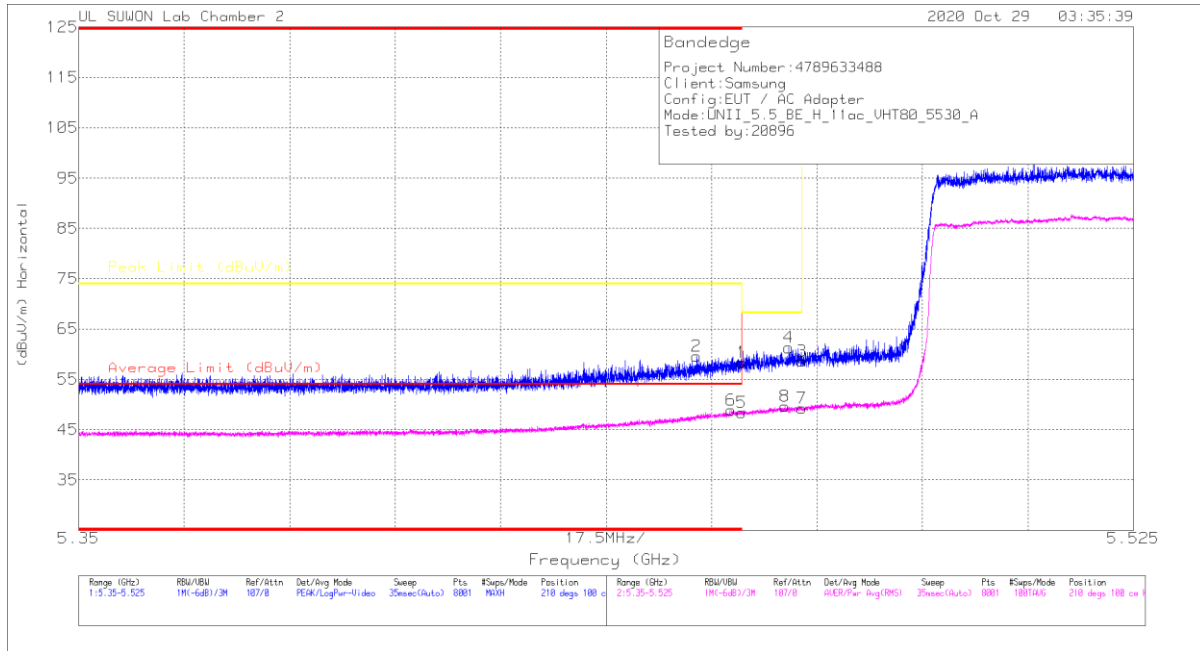
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.3.4. TX ABOVE 1GHz 802.11ac VHT80 2Tx MODE IN THE 5.5GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

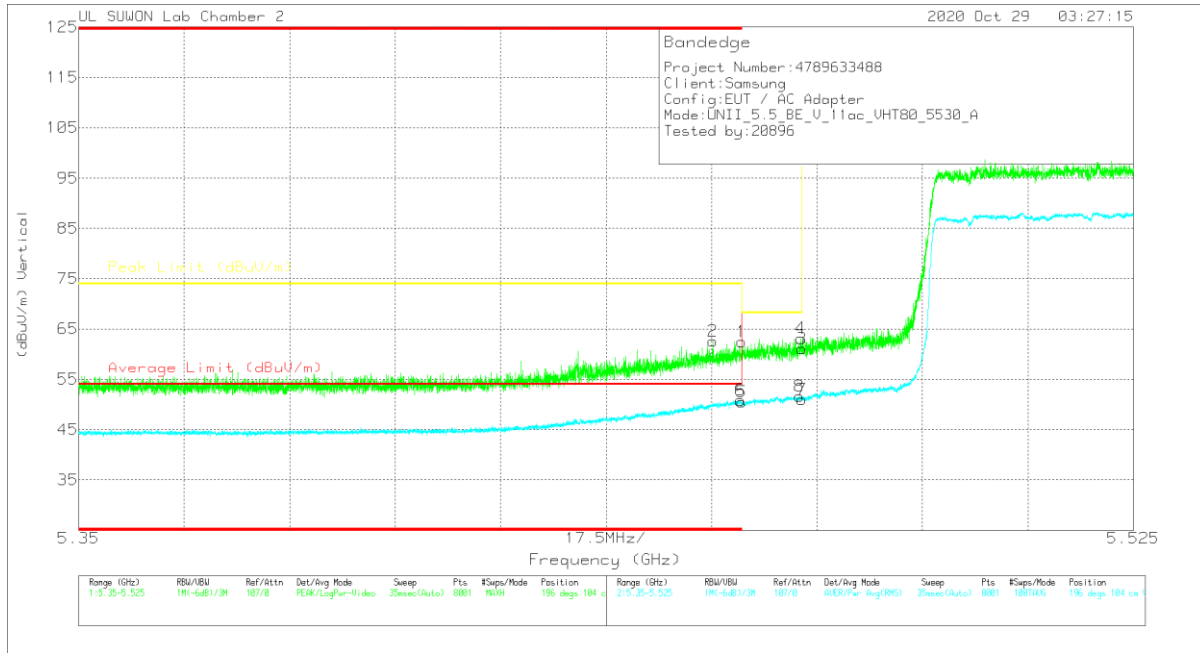
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (feet)	Height (cm)	Polarity
1	* 5.45999	41.4	Pk	34.6	-17.7	0	58.3	-	-	74	-15.7	210	100	H
2	* 5.45253	42.75	Pk	34.6	-17.7	0	59.65	-	-	74	-14.35	210	100	H
3	5.46998	41.69	Pk	34.6	-17.7	0	58.59	-	-	68.2	-9.61	210	100	H
4	5.46784	44.39	Pk	34.6	-17.7	0	61.29	-	-	68.2	-6.91	210	100	H
5	* 5.45999	31.14	RMS	34.6	-17.7	-32	48.36	54	-5.64	-	-	210	100	H
6	* 5.45828	31.63	RMS	34.6	-17.7	-32	48.85	54	-5.15	-	-	210	100	H
7	5.46998	32	RMS	34.6	-17.7	-32	49.22	-	-	-	-	210	100	H
8	5.46716	32.39	RMS	34.6	-17.7	-32	49.61	-	-	-	-	210	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	45.54	Pk	34.6	-17.7	0	62.44	-	-	74	-11.56	196	104	V
2	* 5.45526	45.68	Pk	34.6	-17.7	0	62.58	-	-	74	-11.42	196	104	V
3	5.46998	44.2	Pk	34.6	-17.7	0	61.1	-	-	68.2	-7.1	196	104	V
4	5.46974	46.25	Pk	34.6	-17.7	0	63.15	-	-	68.2	-5.05	196	104	V
5	* 5.45999	33.3	RMS	34.6	-17.7	.32	50.82	54	-3.48	-	-	196	104	V
6	* 5.45975	33.6	RMS	34.6	-17.7	.32	50.82	54	-3.18	-	-	196	104	V
7	5.46998	33.74	RMS	34.6	-17.7	.32	50.96	-	-	-	-	196	104	V
8	5.46955	34.42	RMS	34.6	-17.7	.32	51.64	-	-	-	-	196	104	V

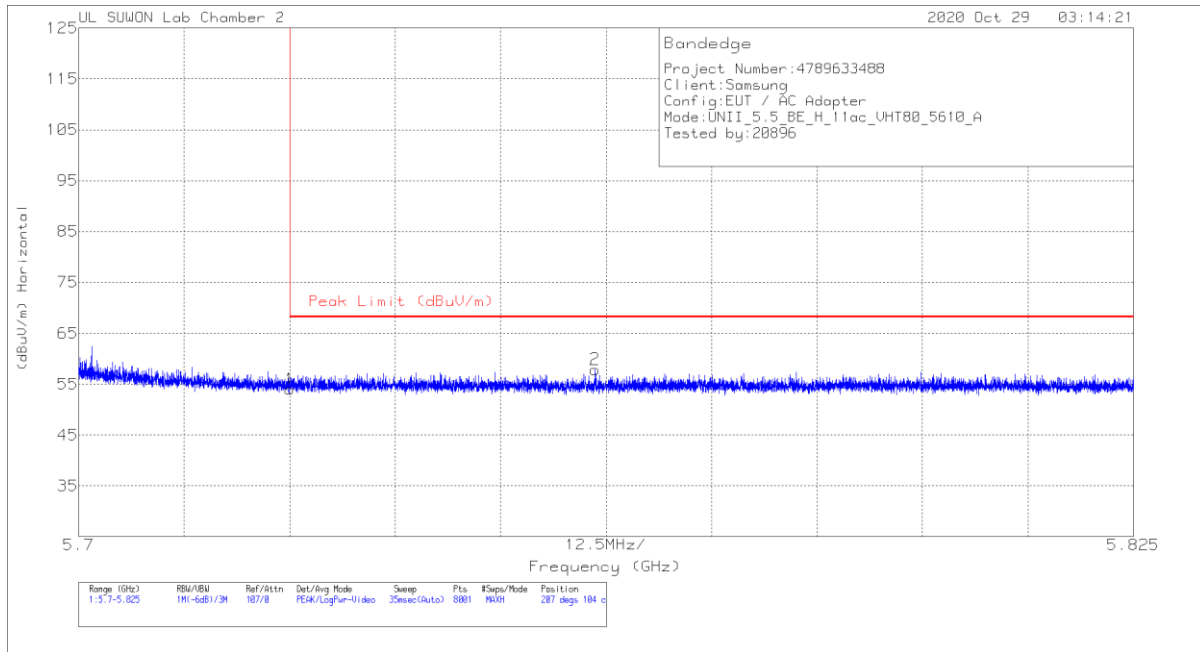
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

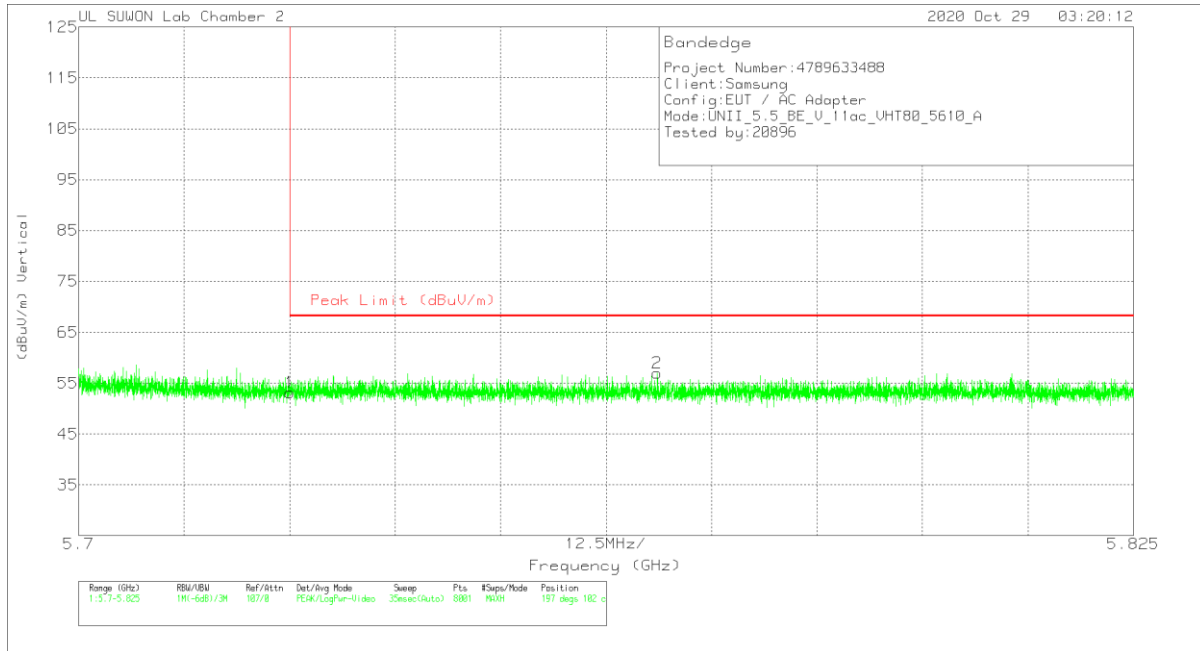


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.48	Pk	34.7	-17.1	0	54.08	68.2	-14.12	207	104	H
2	5.76122	40.11	Pk	34.8	-17	0	57.91	68.2	-10.29	207	104	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



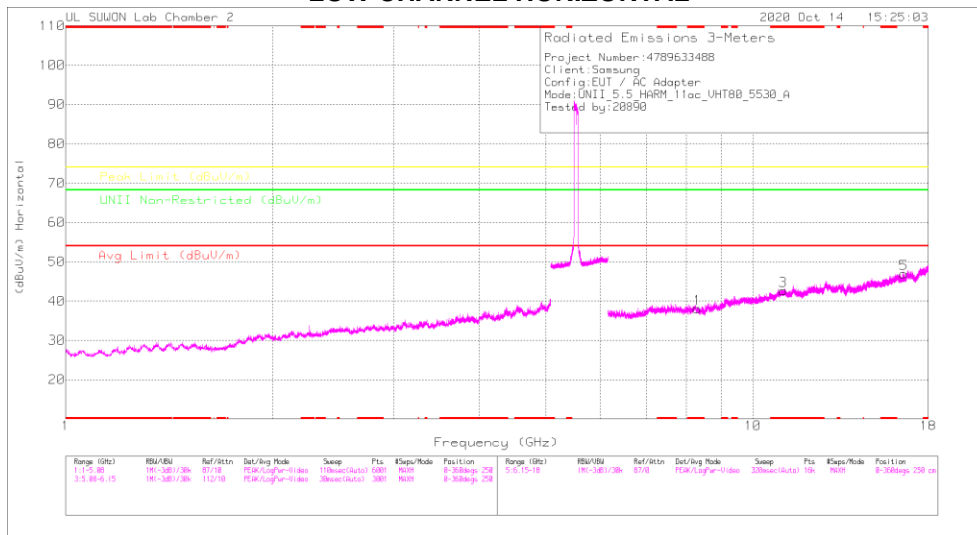
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	35.51	Pk	34.7	-17.1	0	53.11	68.2	-15.09	197	102	V
2	5.76855	39.16	Pk	34.8	-17	0	56.96	68.2	-11.24	197	102	V

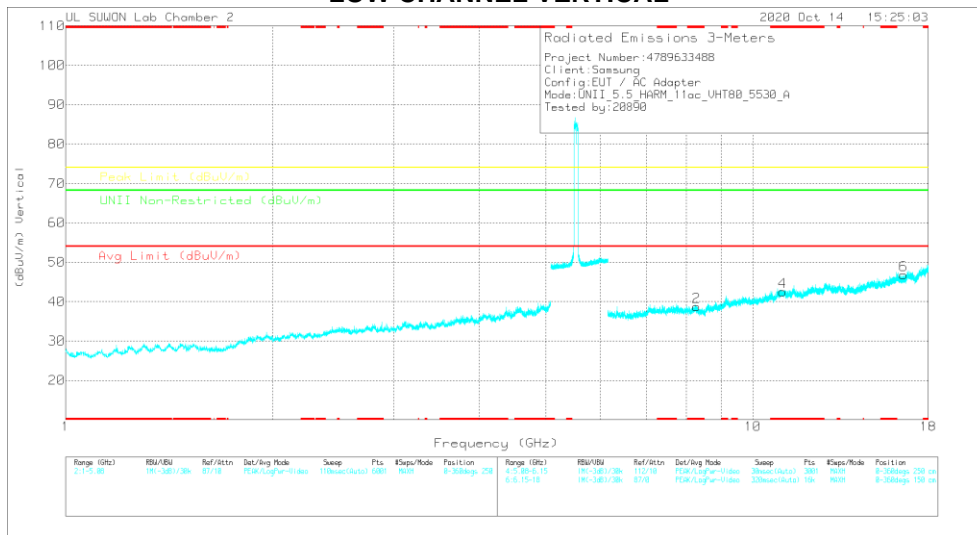
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

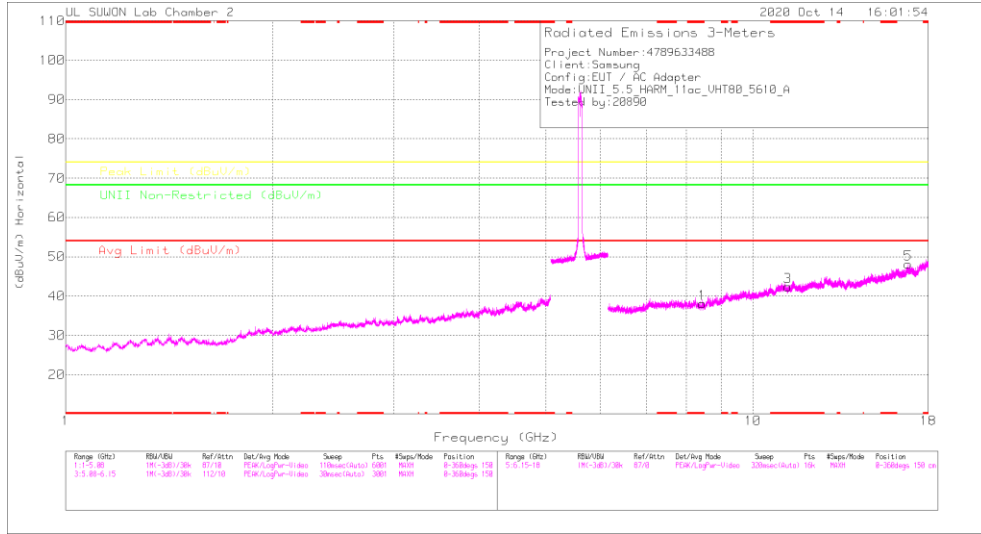
LOW CHANNEL DATA

Radiated Emissions

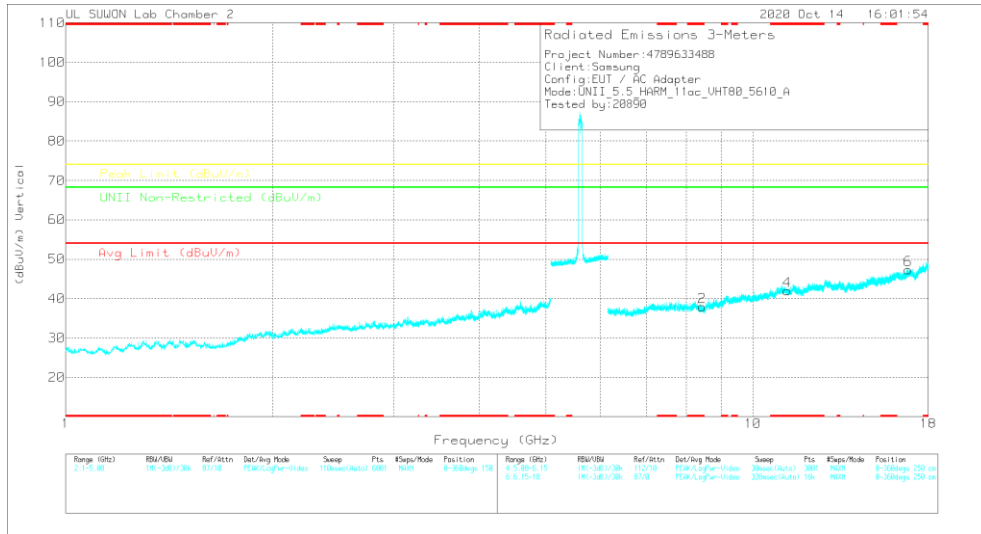
Frequency (GHz)	Max Reading (dBuV)	Dir	0117_00168724	ISGL_HF(S)	DC Corr (dB)	Concord Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.30376	34.65	PK-U	36	-22.1	0	48.55	-	-	74	-25.45	-	-	360	100	H
* 8.30461	34.61	PK-U	36	-22	0	48.61	-	-	74	-25.39	-	-	360	100	V
* 11.07408	34.38	PK-U	38.2	-19.7	0	52.88	-	-	74	-21.12	-	-	360	100	H
* 11.06506	34.47	PK-U	38.2	-19.8	0	52.87	-	-	74	-21.13	-	-	360	100	V
16.5885	35.36	PK-U	41	-19	0	57.36	-	-	-	-	68.2	-10.84	360	100	H
16.59039	34.83	PK-U	41	-19.3	0	56.53	-	-	-	-	68.2	-11.67	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Radiated Emissions

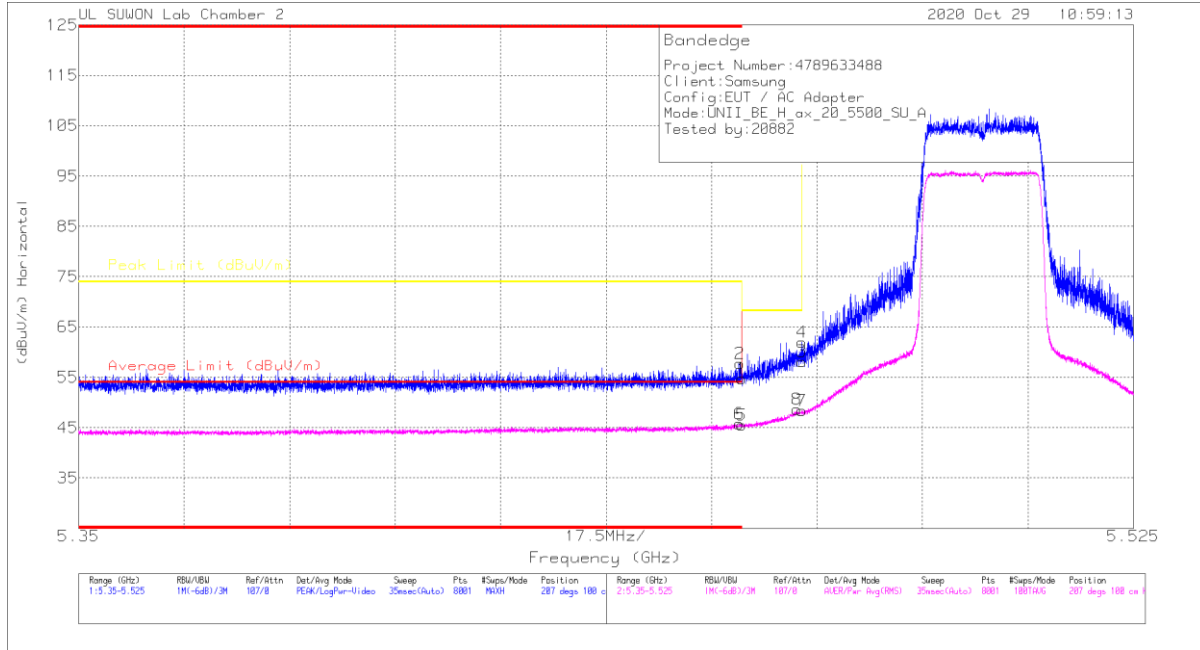
Frequency (GHz)	Main Reading (dBuV)	Det	317_00168724	6GHz_FPS[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (m)	Polarity
* 8.43322	35.04	PK-U	36	-22.5	0	48.54	-	-	74	-25.46	-	-	360	100	H
* 8.43497	35.54	PK-U	36	-22.5	0	49.04	-	-	74	-24.96	-	-	360	100	V
* 11.23964	34.48	PK-U	38.3	-19.6	0	53.18	-	-	74	-20.82	-	-	360	100	H
* 11.23729	34	PK-U	38.3	-19.5	0	52.8	-	-	74	-21.2	-	-	360	100	V
16.83605	34.29	PK-U	41.2	-18.1	0	57.39	-	-	-	-	68.2	-10.81	360	100	H
16.8391	33.82	PK-U	41.2	-18.3	0	56.72	-	-	-	-	68.2	-11.48	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

11.3.5.TX ABOVE 1GHz 802.11ax HE20(SU) 2Tx IN THE 5.5GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

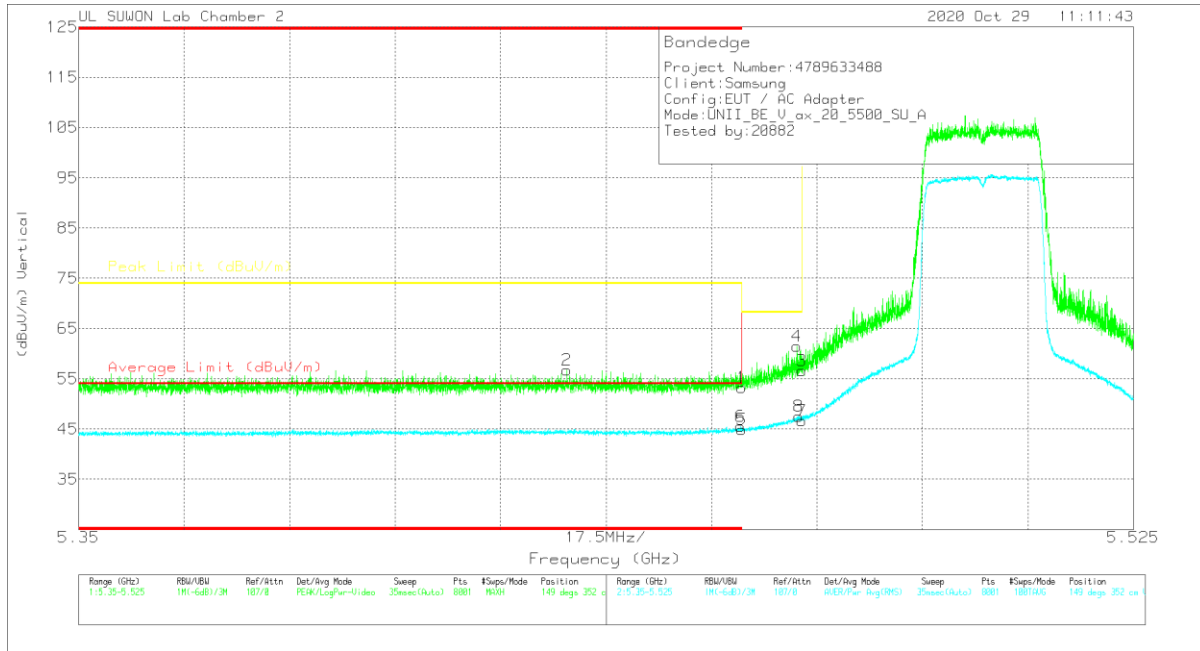
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	37.79	Pk	34.6	-17.7	0	54.69	-	-	74	-19.31	207	100	H
2	* 5.45966	40.71	Pk	34.6	-17.6	0	57.71	-	-	74	-16.29	207	100	H
3	5.46998	41.27	Pk	34.6	-17.7	0	58.17	-	-	68.2	-10.03	207	100	H
4	5.46994	45.04	Pk	34.6	-17.7	0	61.94	-	-	68.2	-6.26	207	100	H
5	* 5.45999	28.53	RMS	34.6	-17.7	.1	45.53	54	-8.47	-	-	207	100	H
6	* 5.45964	28.64	RMS	34.6	-17.6	.1	45.74	54	-8.26	-	-	207	100	H
7	5.46998	31.41	RMS	34.6	-17.7	.1	48.41	-	-	-	-	207	100	H
8	5.46913	31.6	RMS	34.6	-17.7	.1	48.6	-	-	-	-	207	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	36.37	Pk	34.6	-17.7	0	53.27	-	-	74	-20.73	149	352	V
2	* 5.43098	39.71	Pk	34.6	-17.6	0	56.71	-	-	74	-17.29	149	352	V
3	5.46998	39.68	Pk	34.6	-17.7	0	56.58	-	-	68.2	-11.62	149	352	V
4	5.46915	44.54	Pk	34.6	-17.7	0	61.44	-	-	68.2	-6.76	149	352	V
5	* 5.45999	27.84	RMS	34.6	-17.7	.1	44.84	54	-9.16	-	-	149	352	V
6	* 5.45977	28.54	RMS	34.6	-17.7	.1	45.54	54	-8.46	-	-	149	352	V
7	5.46998	29.63	RMS	34.6	-17.7	.1	46.63	-	-	-	-	149	352	V
8	5.4695	30.51	RMS	34.6	-17.7	.1	47.51	-	-	-	-	149	352	V

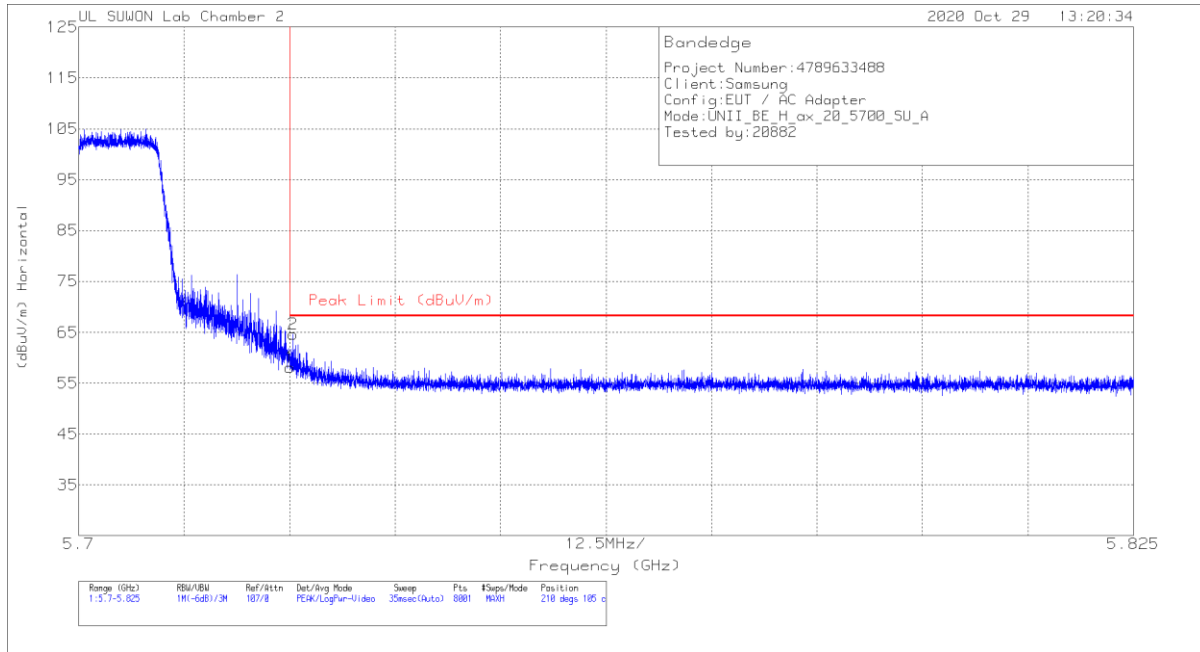
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

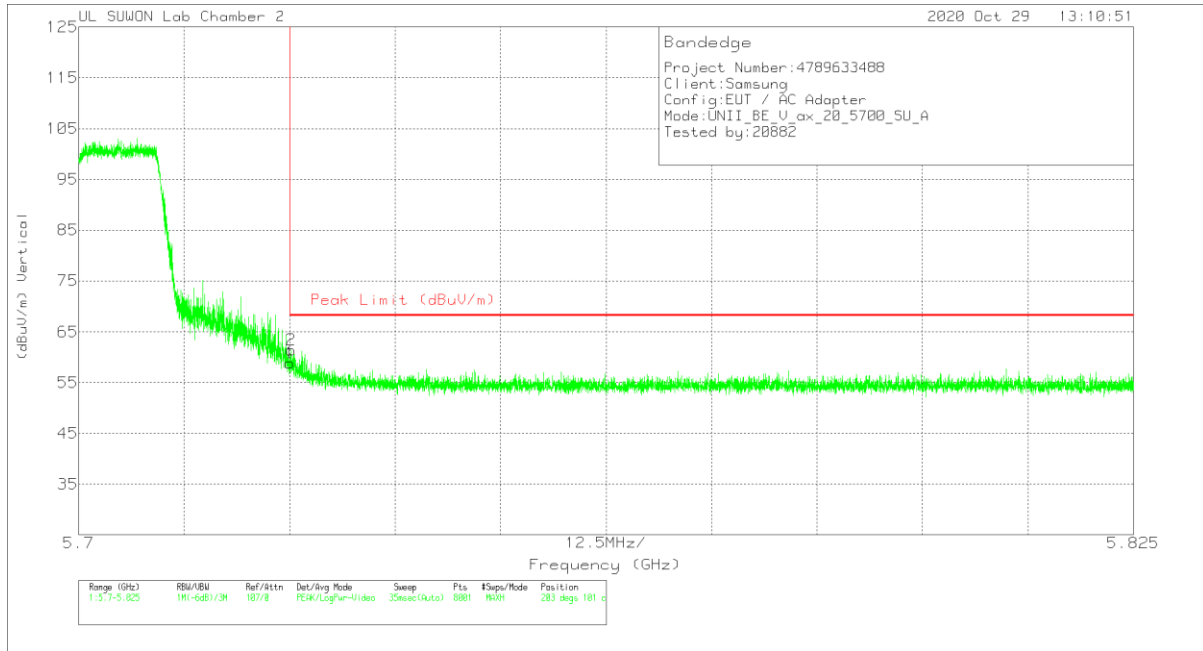


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	40.45	Pk	34.7	-17.1	0	58.05	68.2	-10.15	210	105	H
2	5.72538	47.01	Pk	34.7	-17.1	0	64.61	68.2	-3.59	210	105	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

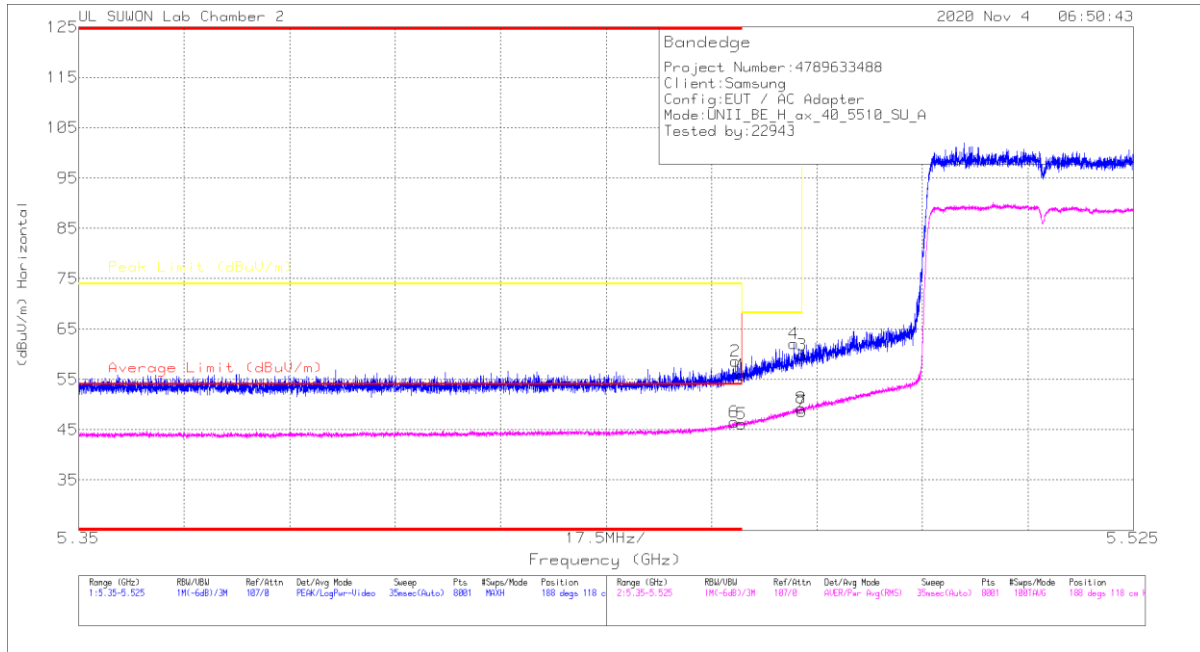
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	41.2	Pk	34.7	-17.1	0	58.8	68.2	-9.4	203	101	V
2	5.72514	43.87	Pk	34.7	-17.1	0	61.47	68.2	-6.73	203	101	V

Pk - Peak detector

11.3.6.TX ABOVE 1GHz 802.11ax HE40(SU) 2Tx IN THE 5.5GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

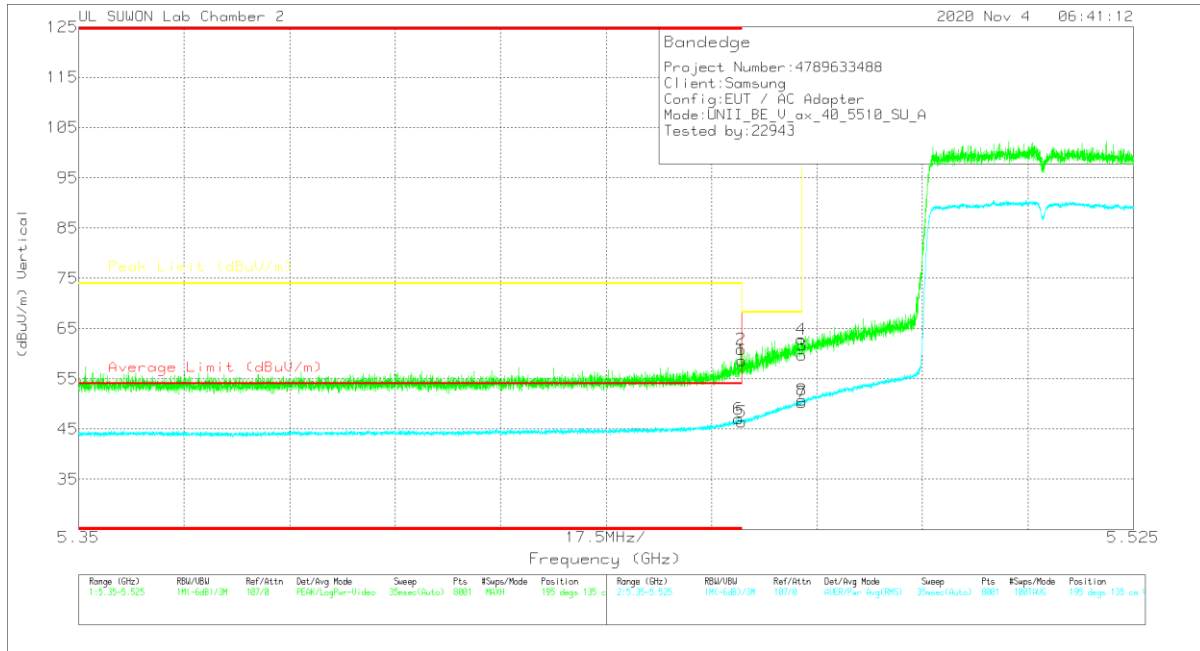
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	38.98	Pk	34.6	-17.7	0	55.88	-	-	74	-18.12	188	118	H
2	* 5.45898	41.66	Pk	34.6	-17.6	0	58.66	-	-	74	-15.34	188	118	H
3	5.46998	42.98	Pk	34.6	-17.7	0	59.88	-	-	68.2	-8.32	188	118	H
4	5.46861	45.15	Pk	34.6	-17.7	0	62.05	-	-	68.2	-6.15	188	118	H
5	* 5.45999	29.11	RMS	34.6	-17.7	.1	46.11	54	-7.89	-	-	188	118	H
6	* 5.45878	29.55	RMS	34.6	-17.7	.1	46.55	54	-7.45	-	-	188	118	H
7	5.46998	31.68	RMS	34.6	-17.7	.1	48.68	-	-	-	-	188	118	H
8	5.46985	32.29	RMS	34.6	-17.7	.1	49.29	-	-	-	-	188	118	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	41.77	Pk	34.6	-17.7	0	58.67	-	-	74	-15.33	195	135	V
2	* 5.45986	43.9	Pk	34.6	-17.7	0	60.8	-	-	74	-13.2	195	135	V
3	5.46998	42.83	Pk	34.6	-17.7	0	59.73	-	-	68.2	-8.47	195	135	V
4	5.46992	45.94	Pk	34.6	-17.7	0	62.84	-	-	68.2	-5.36	195	135	V
5	* 5.45999	29.44	RMS	34.6	-17.7	.1	46.44	54	-7.56	-	-	195	135	V
6	* 5.45944	29.97	RMS	34.6	-17.6	.1	47.07	54	-6.93	-	-	195	135	V
7	5.46998	33.29	RMS	34.6	-17.7	.1	50.29	-	-	-	-	195	135	V
8	5.46996	33.78	RMS	34.6	-17.7	.1	50.78	-	-	-	-	195	135	V

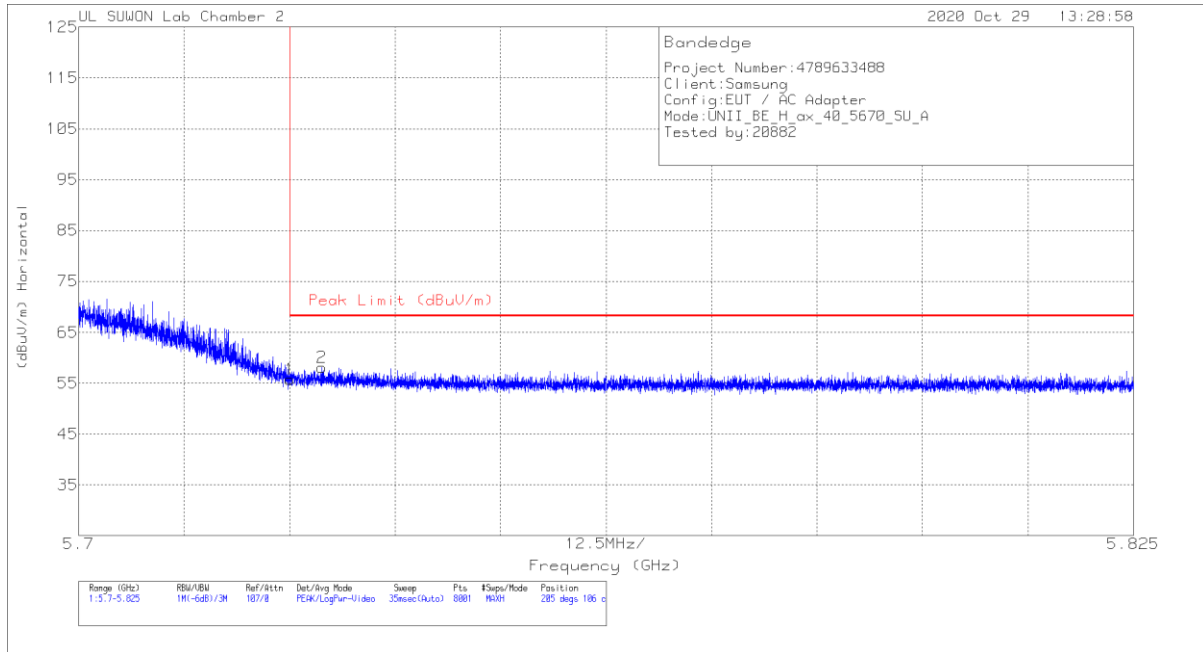
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

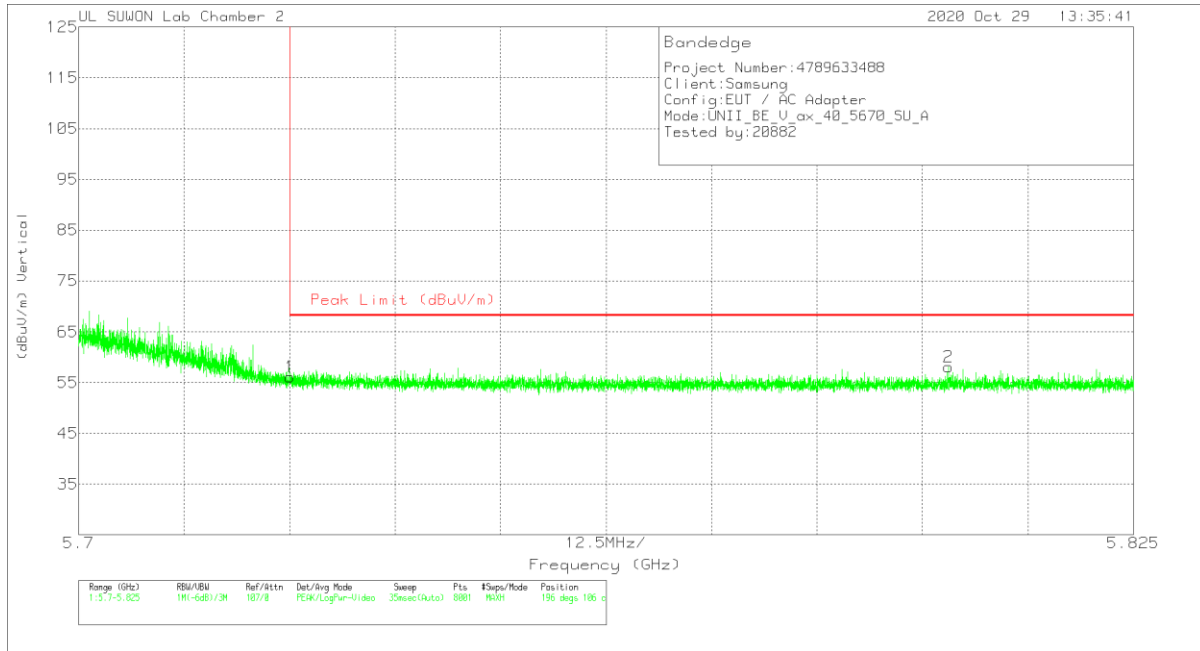


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	38.12	Pk	34.7	-17.1	0	55.72	68.2	-12.48	205	106	H
2	5.72878	40.41	Pk	34.7	-17	0	58.11	68.2	-10.09	205	106	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

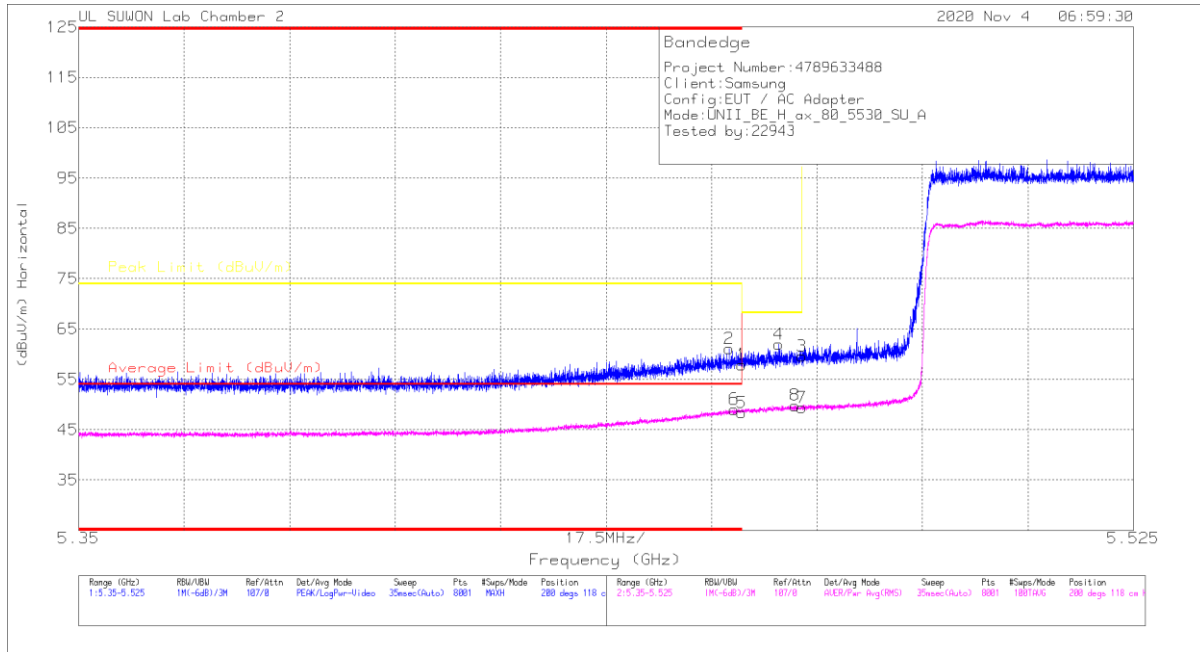
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	38.51	Pk	34.7	-17.1	0	56.11	68.2	-12.09	196	106	V
2	5.80311	40.16	Pk	34.8	-16.9	0	58.06	68.2	-10.14	196	106	V

Pk - Peak detector

11.3.7.TX ABOVE 1GHz 802.11ax HE80(SU) 2Tx IN THE 5.5GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

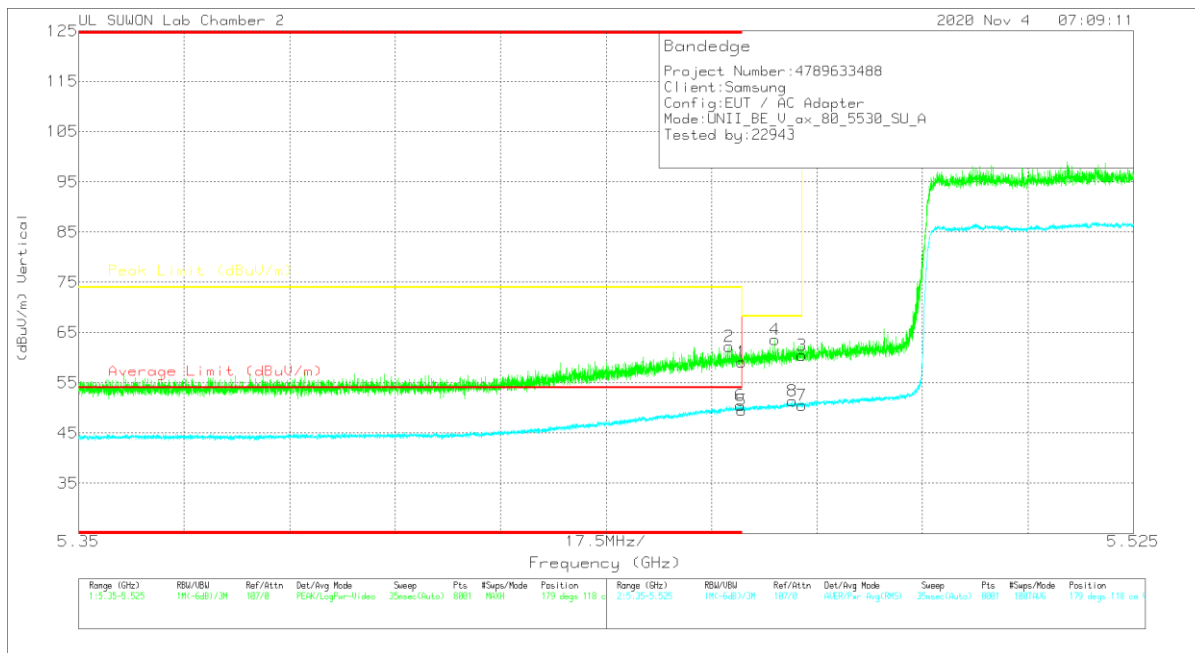
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	41.02	Pk	34.6	-17.7	0	57.92	-	-	74	-16.08	200	118	H
2	* 5.45793	44.18	Pk	34.6	-17.7	0	61.08	-	-	74	-12.92	200	118	H
3	5.46998	42.75	Pk	34.6	-17.7	0	59.65	-	-	68.2	-8.55	200	118	H
4	5.46611	45.11	Pk	34.6	-17.7	0	62.01	-	-	68.2	-6.19	200	118	H
5	* 5.45999	31.4	RMS	34.6	-17.7	.1	48.4	54	-5.6	-	-	200	118	H
6	* 5.45878	32.07	RMS	34.6	-17.7	.1	49.07	54	-4.93	-	-	200	118	H
7	5.46998	32.41	RMS	34.6	-17.7	.1	49.41	-	-	-	-	200	118	H
8	5.46887	32.82	RMS	34.6	-17.7	.1	49.82	-	-	-	-	200	118	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	42.18	Pk	34.6	-17.7	0	59.08	-	-	74	-14.92	179	118	V
2	* 5.45795	45.32	Pk	34.6	-17.7	0	62.22	-	-	74	-11.78	179	118	V
3	5.46998	43.59	Pk	34.6	-17.7	0	60.49	-	-	68.2	-7.71	179	118	V
4	5.4665	46.69	Pk	34.6	-17.7	0	63.59	-	-	68.2	-4.61	179	118	V
5	* 5.45999	32.48	RMS	34.6	-17.7	.1	49.48	54	-4.52	-	-	179	118	V
6	* 5.45981	33.52	RMS	34.6	-17.7	.1	50.52	54	-3.48	-	-	179	118	V
7	5.46998	33.45	RMS	34.6	-17.7	.1	50.45	-	-	-	-	179	118	V
8	5.46839	34.39	RMS	34.6	-17.7	.1	51.39	-	-	-	-	179	118	V

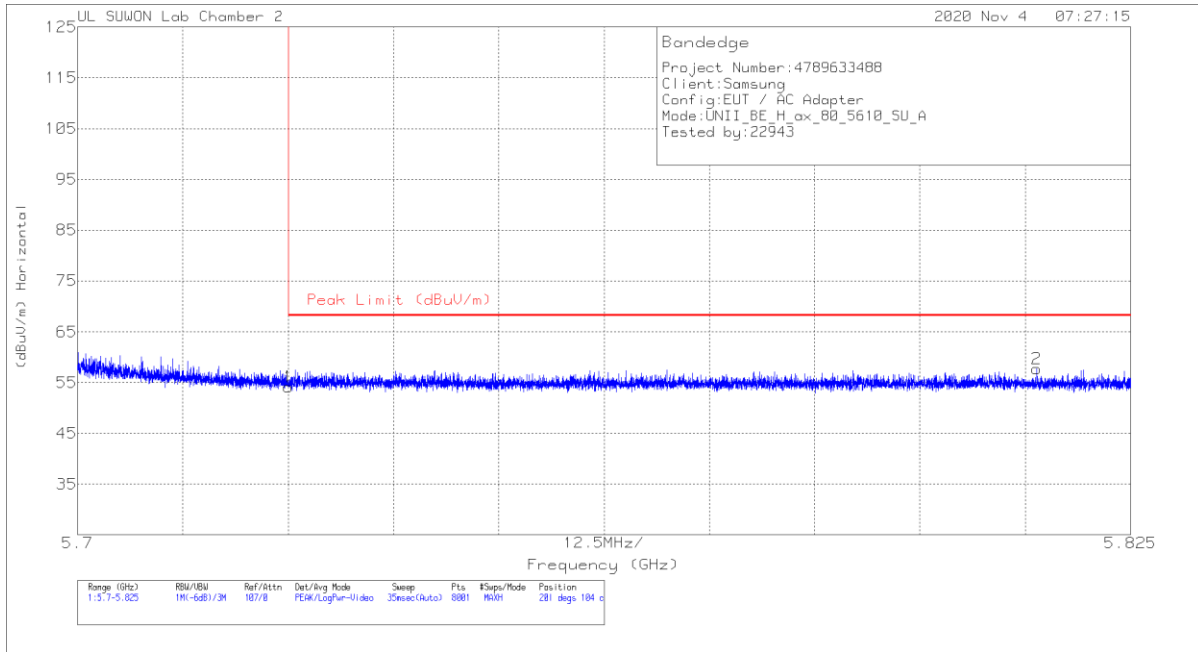
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

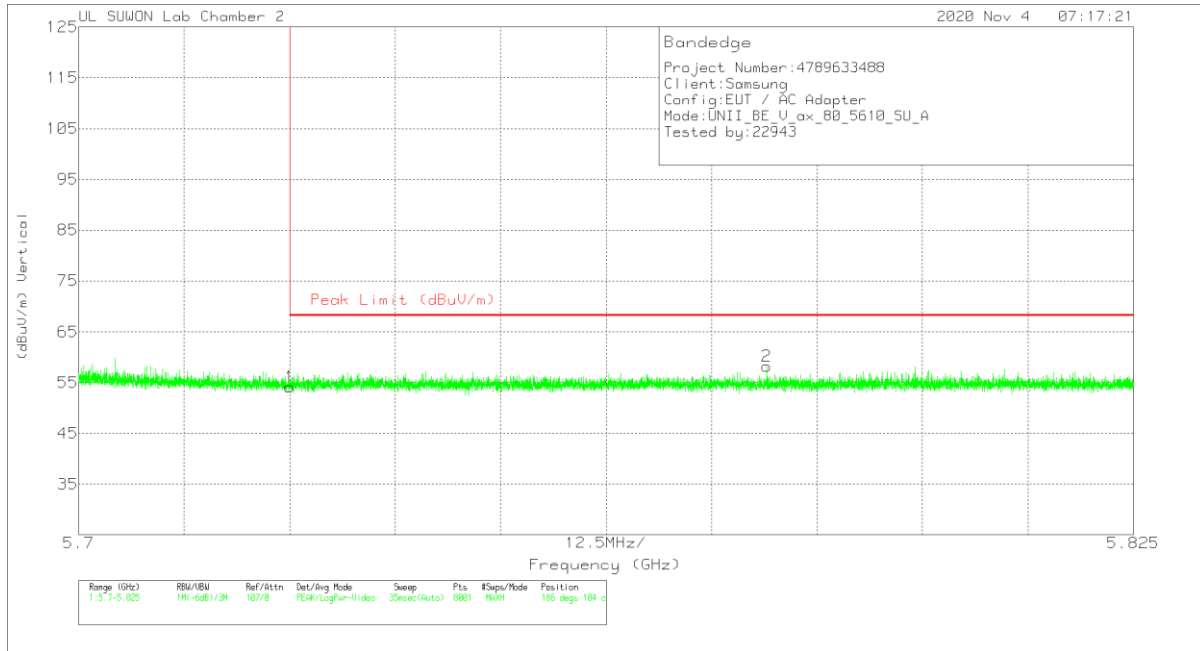


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.58	Pk	34.7	-17.1	0	54.18	68.2	-14.02	201	104	H
2	5.81389	39.88	Pk	34.8	-17	0	57.68	68.2	-10.52	201	104	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.53	Pk	34.7	-17.1	0	54.13	68.2	-14.07	186	104	V
2	5.78158	40.38	Pk	34.8	-17	0	58.18	68.2	-10.02	186	104	V

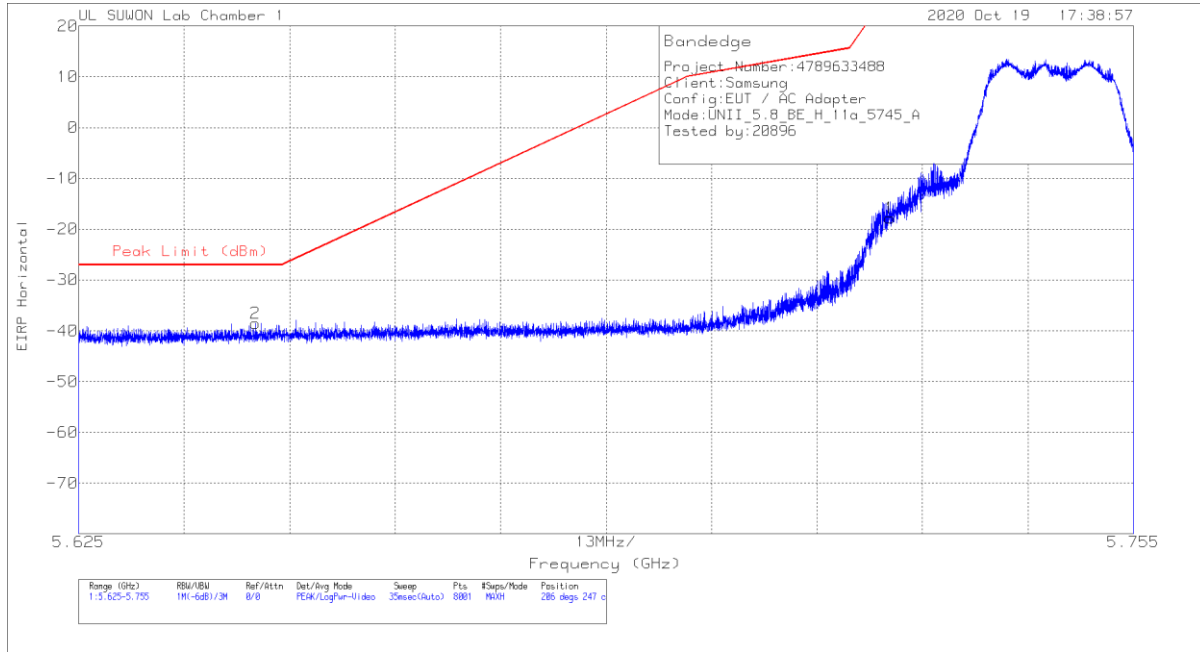
Pk - Peak detector

11.4. 5.8 GHz

11.4.1. TX ABOVE 1GHz 802.11a 2Tx MODE IN THE 5.8GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

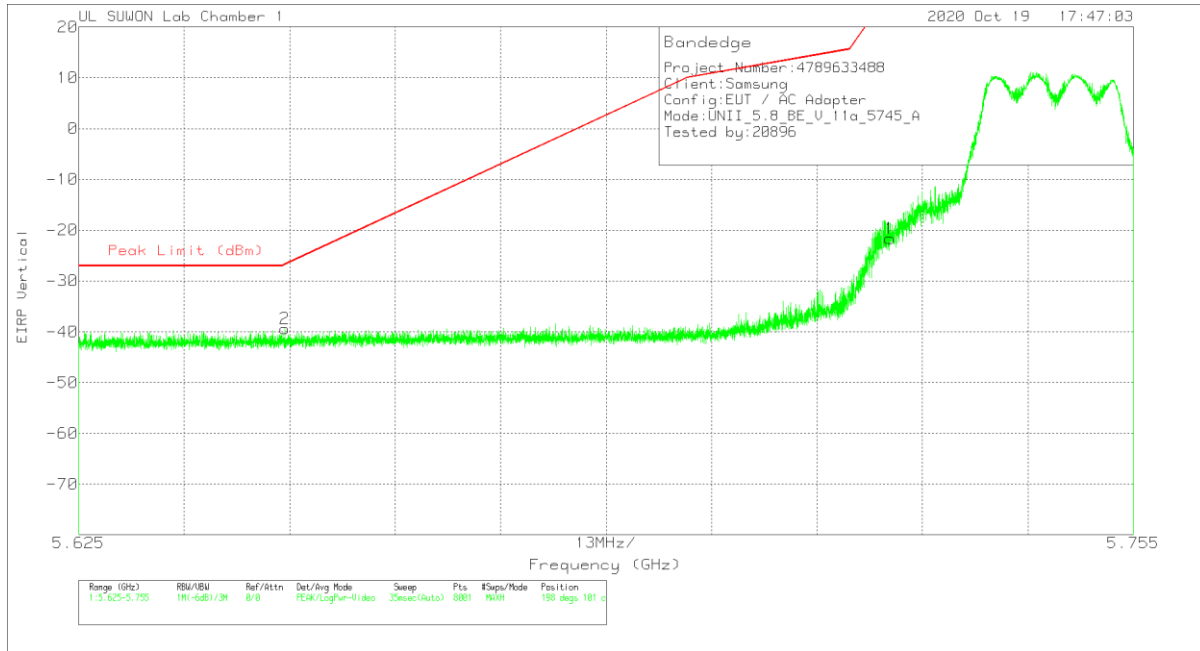


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-43.6	Pk	34.9	-20.9	11.8	0	-17.8	26.97	-44.77	206	247	H
2	5.64679	-64.2	Pk	34.8	-20.9	11.8	0	-38.5	-27	-11.5	206	247	H

Pk - Peak detector

VERTICAL PEAK DATA



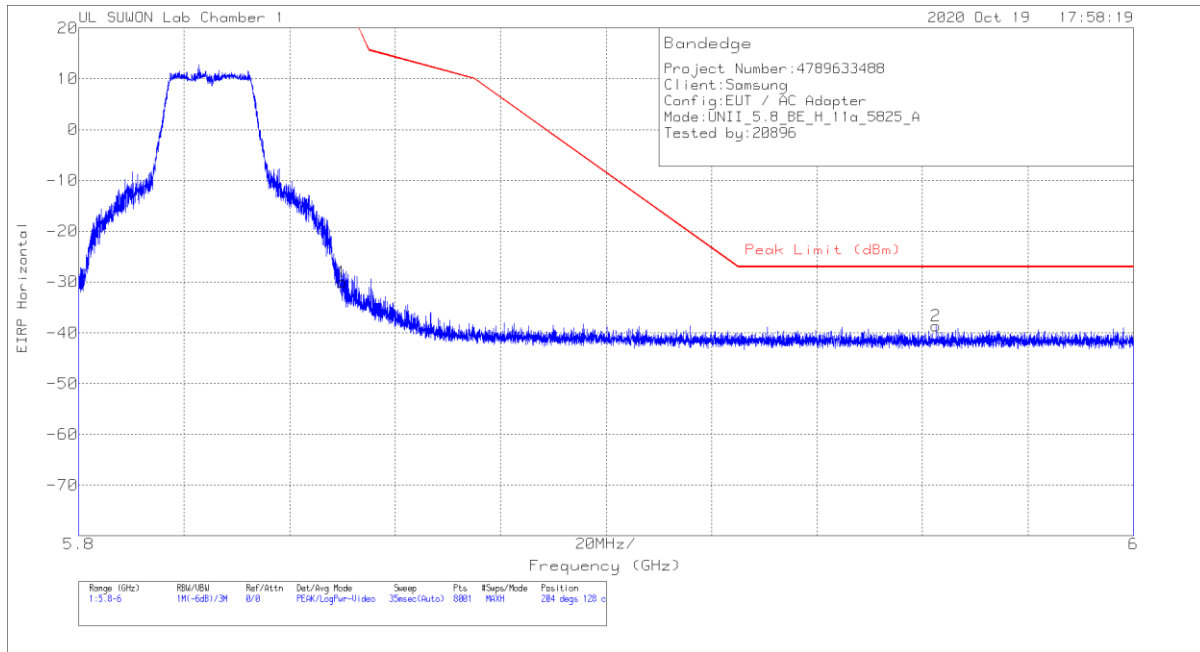
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-47.46	Pk	34.9	-20.9	11.8	0	-21.66	26.97	-48.63	198	101	V
2	5.65038	-65.04	Pk	34.8	-21	11.8	0	-39.44	-26.72	-12.72	198	101	V

Pk - Peak detector

BADEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

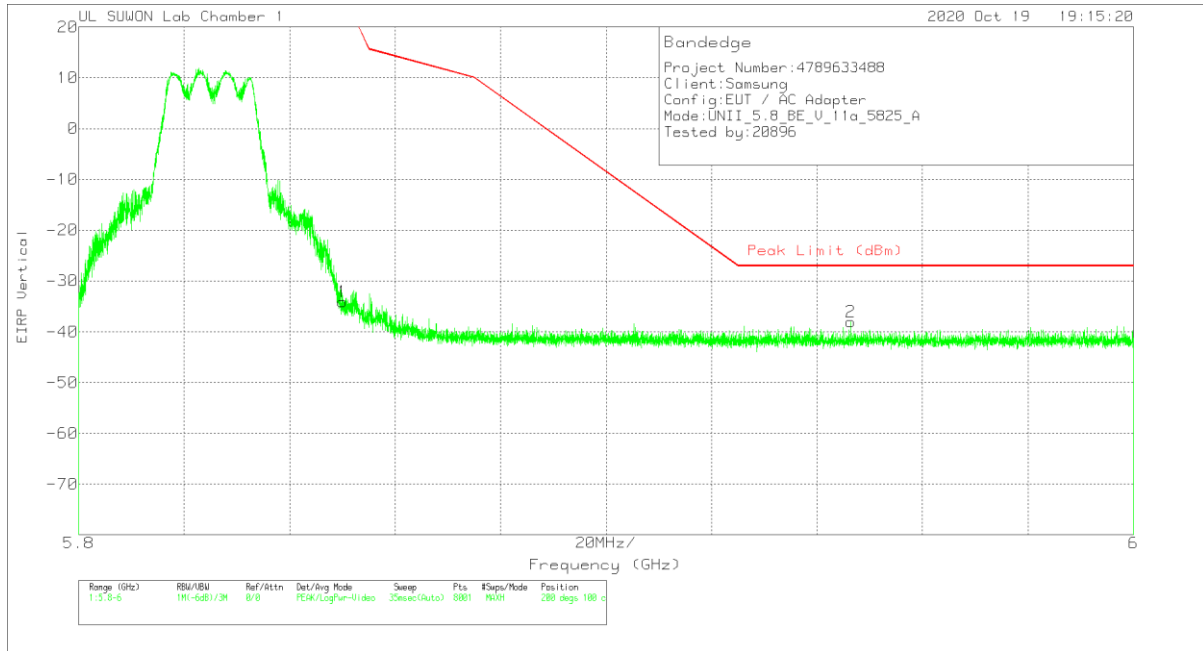


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-56.01	Pk	35.1	-20.9	11.8	0	-30.01	26.94	-56.95	204	128	H
2	5.96255	-65	Pk	35.2	-20.7	11.8	0	-38.7	-27	-11.7	204	128	H

Pk - Peak detector

VERTICAL PEAK DATA



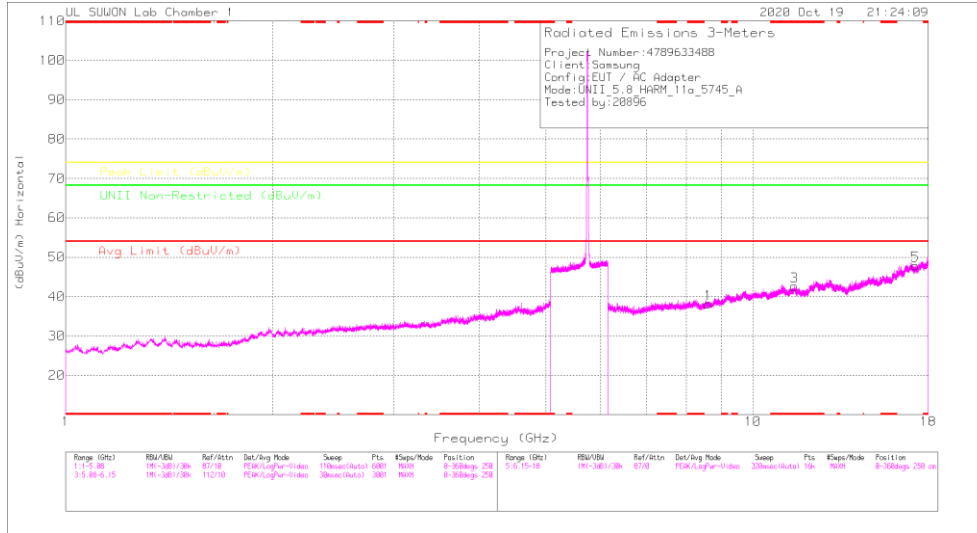
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-60.13	Pk	35.1	-20.9	11.8	0	-34.13	26.94	-61.07	200	100	V
2	5.94645	-64.28	Pk	35.2	-20.7	11.8	0	-37.98	-27	-10.98	200	100	V

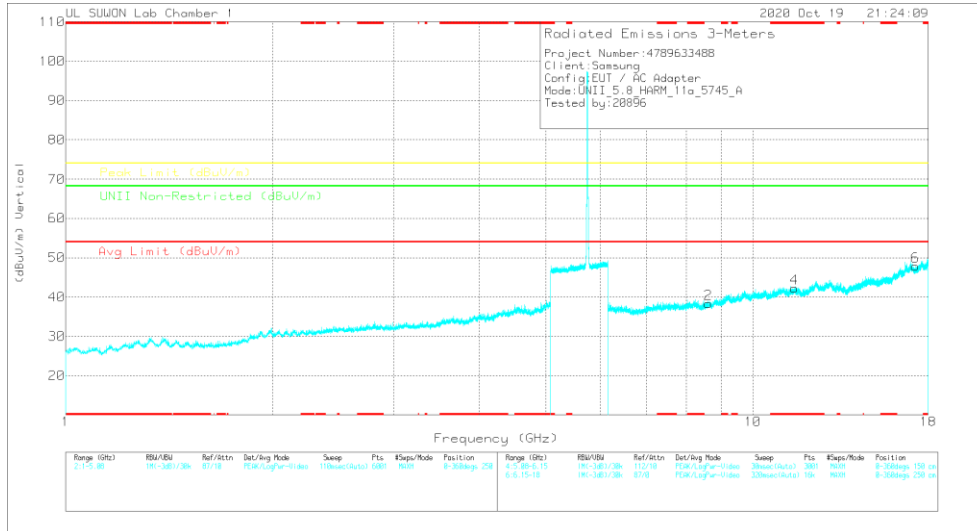
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

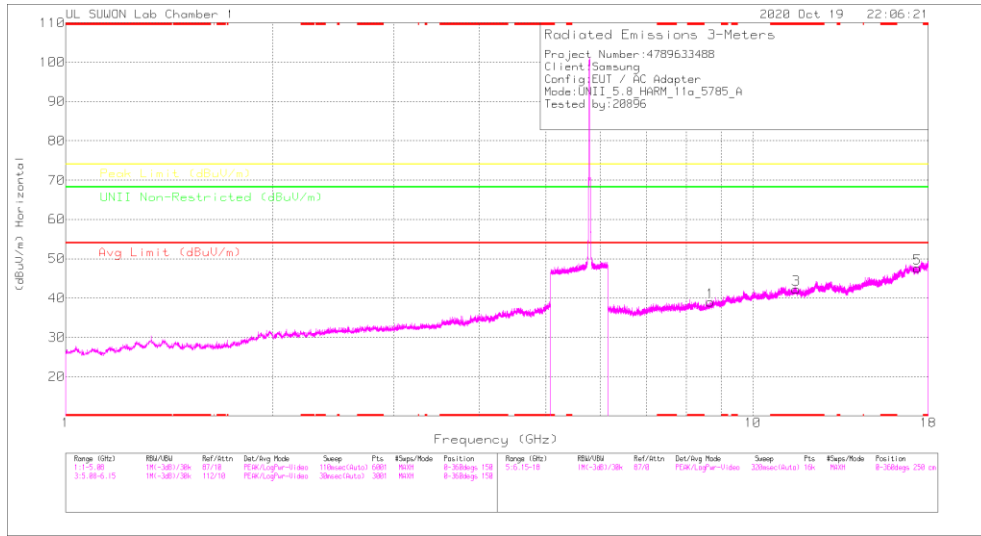
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HF(SB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmth (Degs)	Height (cm)	Polarity
8.61609	36.98	PK-U	36.3	-24.6	0	48.68	-	-	-	-	68.2	-19.52	360	100	H
8.61744	37.23	PK-U	36.3	-24.5	0	49.03	-	-	-	-	68.2	-19.17	360	100	V
* 11.49198	35.85	PK-U	38.4	-22.2	0	52.05	-	-	74	-21.95	-	-	360	100	H
* 11.49382	36.73	PK-U	38.4	-22.2	0	52.93	-	-	74	-21.07	-	-	360	100	V
17.24292	34.37	PK-U	41.3	-17.4	0	58.27	-	-	-	-	68.2	-9.93	360	100	H
17.2411	34.4	PK-U	41.3	-17.5	0	58.2	-	-	-	-	68.2	-10	360	100	V

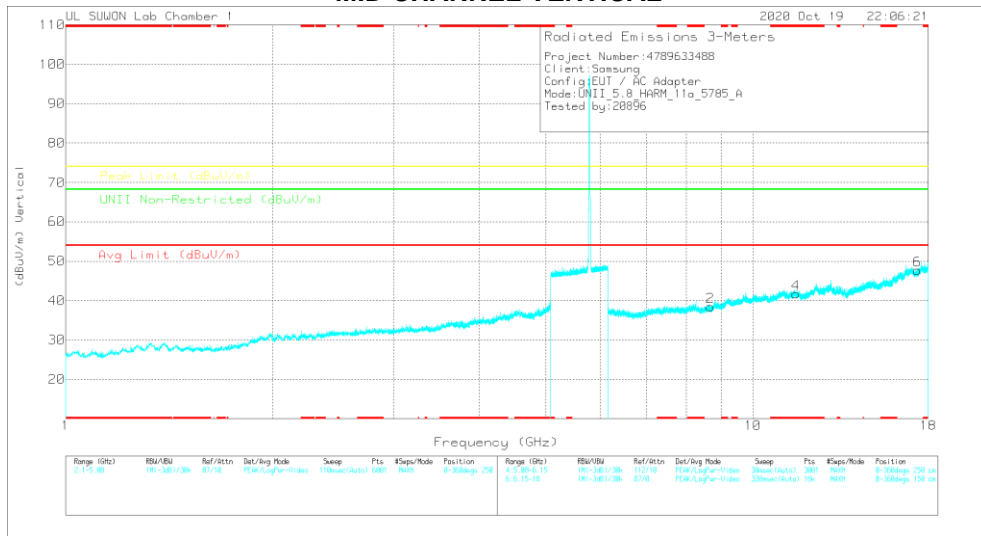
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

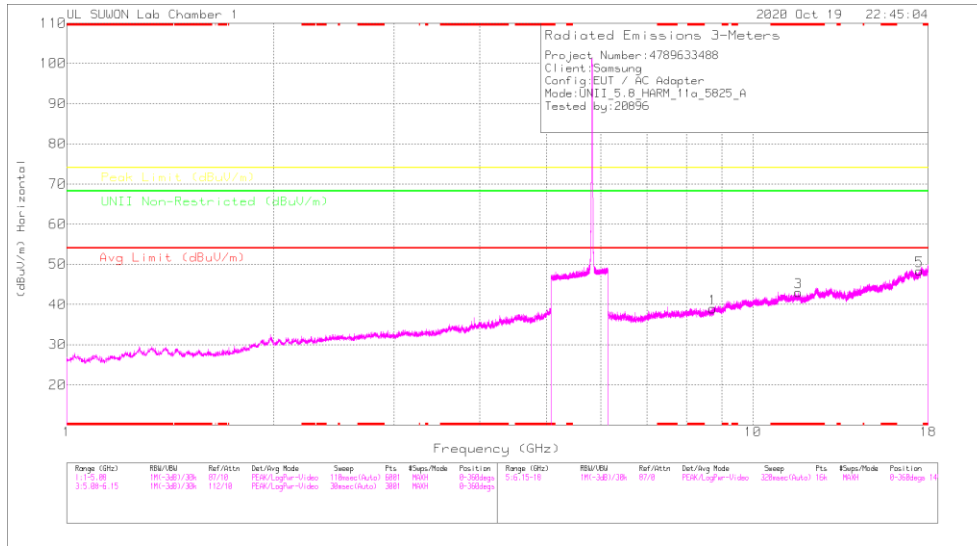
Radiated Emissions

Frequency (GHz)	Main Reading (dBuV)	Det	317_00168717	6GHz_HPS[B]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
8.67924	38.04	PK-U	38.3	-25.2	0	49.14	-	-	-	-	68.2	-19.06	0	100	H
8.67963	37.54	PK-U	38.3	-25.2	0	48.64	-	-	-	-	68.2	-19.56	0	100	V
* 11.56727	36.01	PK-U	38.3	-22.3	0	52.01	-	-	74	-21.99	-	-	0	100	H
* 11.56531	36.17	PK-U	38.3	-22.3	0	52.17	-	-	74	-21.83	-	-	0	100	V
17.35414	34.52	PK-U	41.2	-17.6	0	58.12	-	-	-	-	68.2	-10.08	0	100	H
17.35154	34.91	PK-U	41.2	-17.6	0	58.51	-	-	-	-	68.2	-9.69	0	100	V

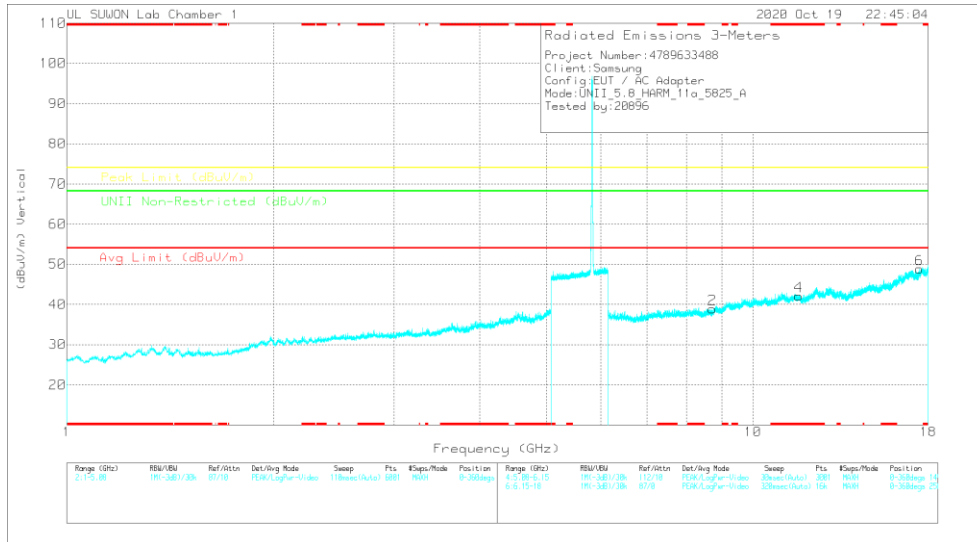
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Radiated Emissions

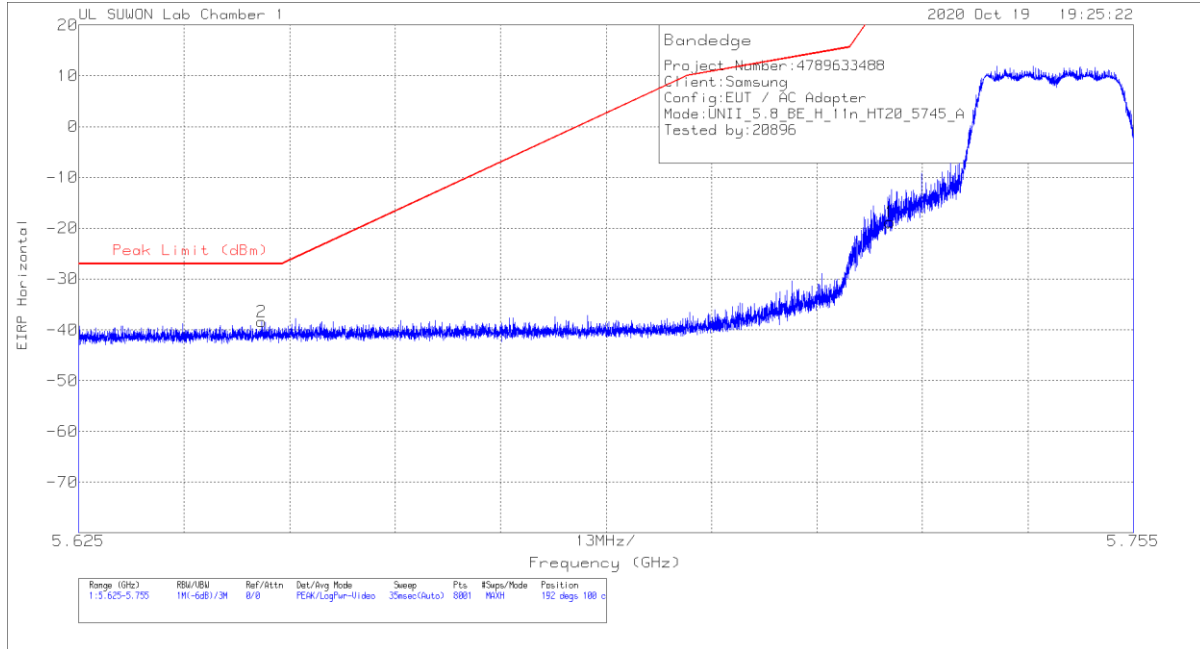
Frequency (GHz)	Meter Reading (dBm)	Det	317_00168717	6GHz_HFdB	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.73065	37.95	PK-U	36.4	-25.4	0	48.95	-	-	-	-	68.2	-19.25	360	100	H
8.73151	38.22	PK-U	36.4	-25.5	0	49.12	-	-	-	-	68.2	-19.08	360	100	V
* 11.64721	36.56	PK-U	38.3	-21.8	0	53.06	-	-	74	-20.94	-	-	360	100	H
* 11.64647	37.59	PK-U	38.3	-21.8	0	54.09	-	-	74	-19.91	-	-	360	100	V
17.47658	34.51	PK-U	41.2	-17.4	0	58.31	-	-	-	-	68.2	-9.89	360	100	H
17.47485	35.11	PK-U	41.2	-17.3	0	59.01	-	-	-	-	68.2	-9.19	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

11.4.2. TX ABOVE 1GHz 802.11n HT20 2Tx MODE IN THE 5.8GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

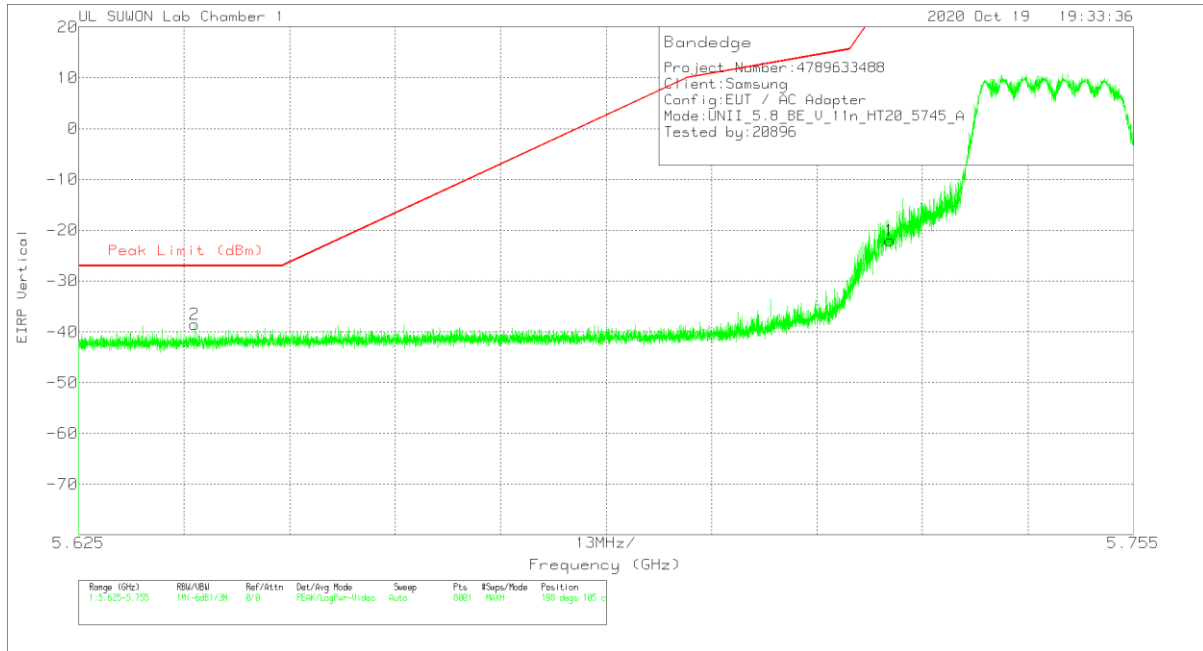


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-44.58	Pk		-20.9	11.8	0	-18.78	26.97	-45.75	192	100	H
2	5.64754	-64.05	Pk		-20.9	11.8	0	-38.35	-27	-11.35	192	100	H

Pk - Peak detector

VERTICAL PEAK DATA



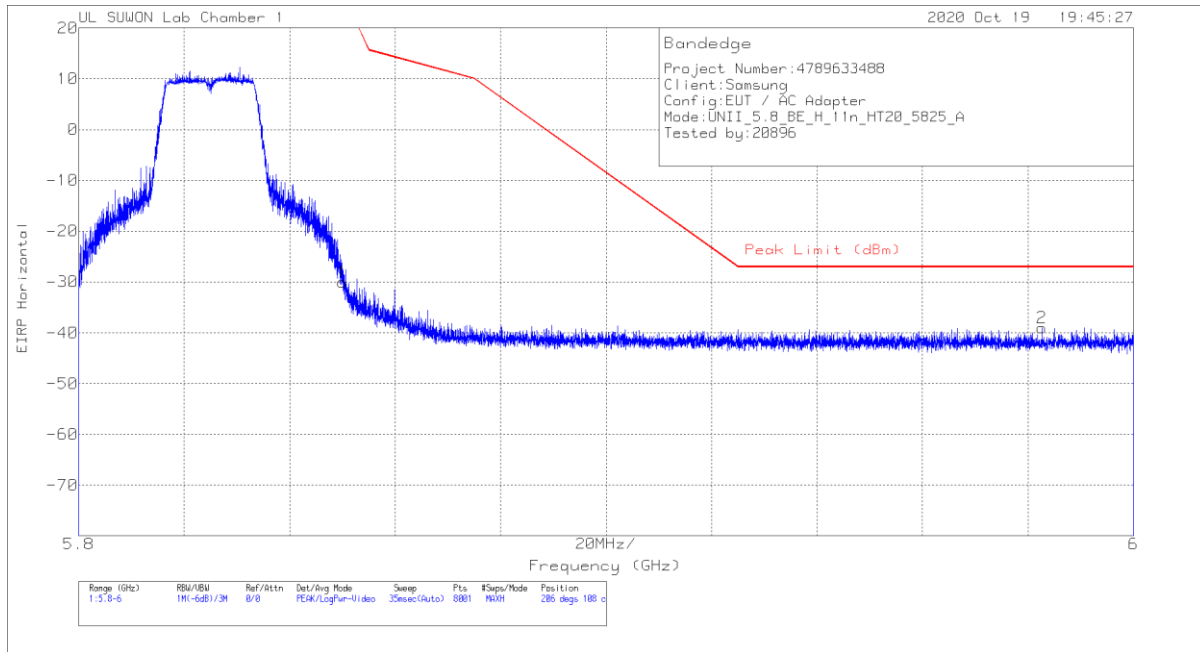
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-47.77	Pk	34.9	-20.9	11.8	0	-21.97	26.97	-48.94	198	105	V
2	5.63928	-64.1	Pk	34.8	-21	11.8	0	-38.5	-27	-11.5	198	105	V

Pk - Peak detector

BADEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

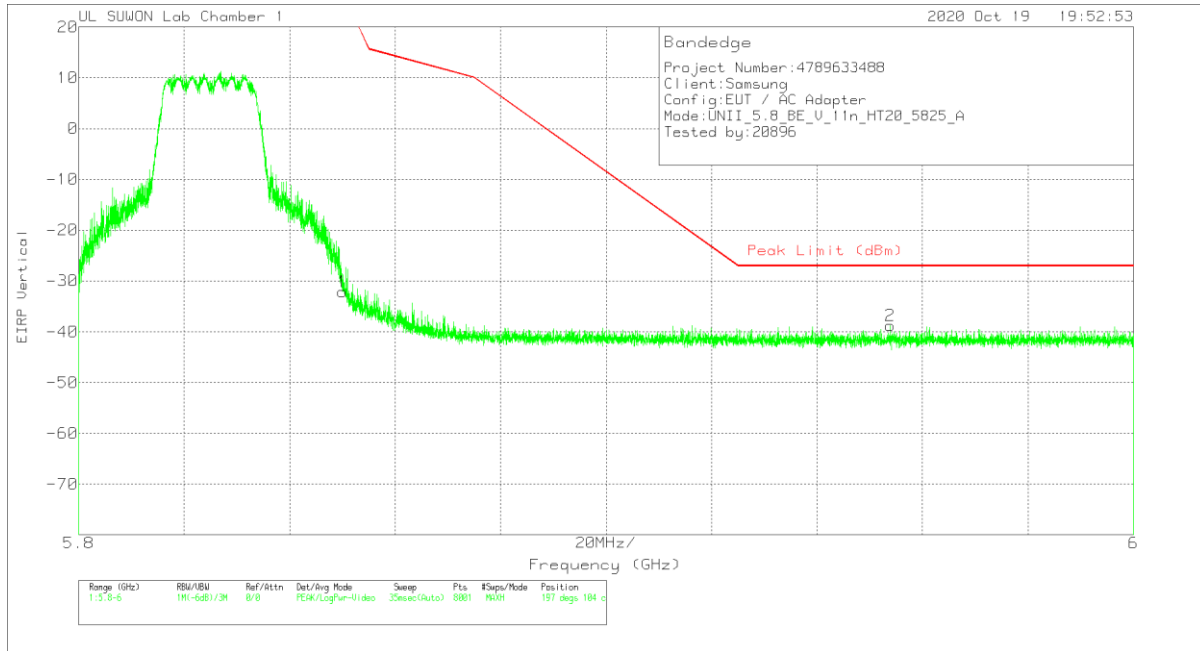


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-55.98	Pk	35.1	-20.9	11.8	0	-29.98	26.94	-56.92	206	108	H
2	5.98268	-65.4	Pk	35.2	-20.6	11.8	0	-39	-27	-12	206	108	H

Pk - Peak detector

VERTICAL PEAK DATA



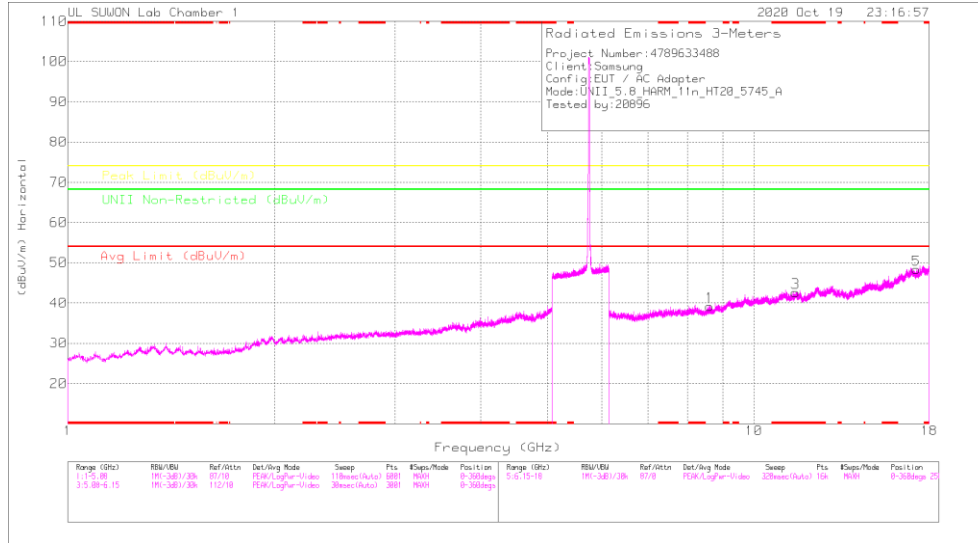
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-58.09	Pk	35.1	-20.9	11.8	0	-32.09	26.94	-59.03	197	104	V
2	5.95388	-65.21	Pk	35.2	-20.6	11.8	0	-38.81	-27	-11.81	197	104	V

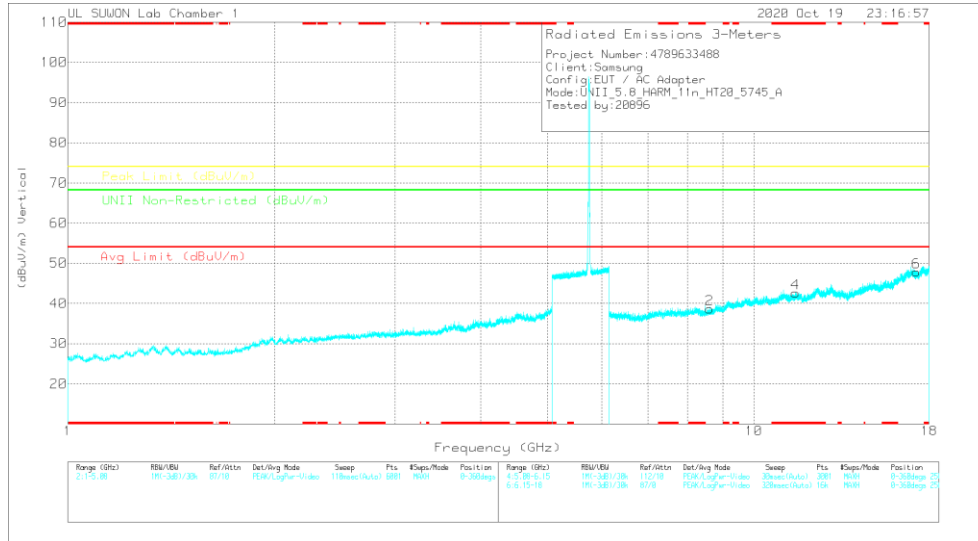
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

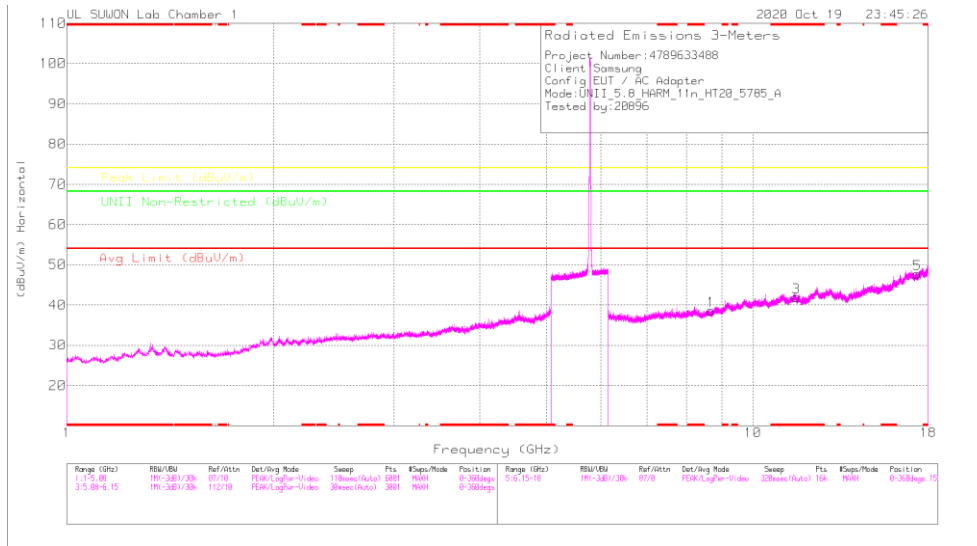
Radiated Emissions

Frequency (GHz)	Major Reading (dBuV)	Det	317_00180717	@GHz_HF@dB	DC Corr (dB)	Concord Reading (dBuV/m)	Avg Limt (dBuV/m)	Margin (dB)	Peak Limt (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Antenn (Drops)	Height (cm)	Polarity
8.61267	37.2	PK-U	36.3	-24.6	0	48.9	-	-	-	-	68.2	-19.3	360	100	H
8.61411	36.76	PK-U	36.3	-24.5	0	48.56	-	-	-	-	68.2	-19.64	360	100	V
*11.49307	36.27	PK-U	38.4	-22.2	0	52.67	-	-	74	-21.53	-	-	360	100	H
*11.49358	35.81	PK-U	38.4	-22.2	0	52.01	-	-	74	-21.99	-	-	360	100	V
17.23851	34.62	PK-U	41.3	-17.5	0	58.42	-	-	-	-	68.2	-9.78	360	100	H
17.23867	34.21	PK-U	41.3	-17.5	0	58.01	-	-	-	-	68.2	-10.19	360	100	V

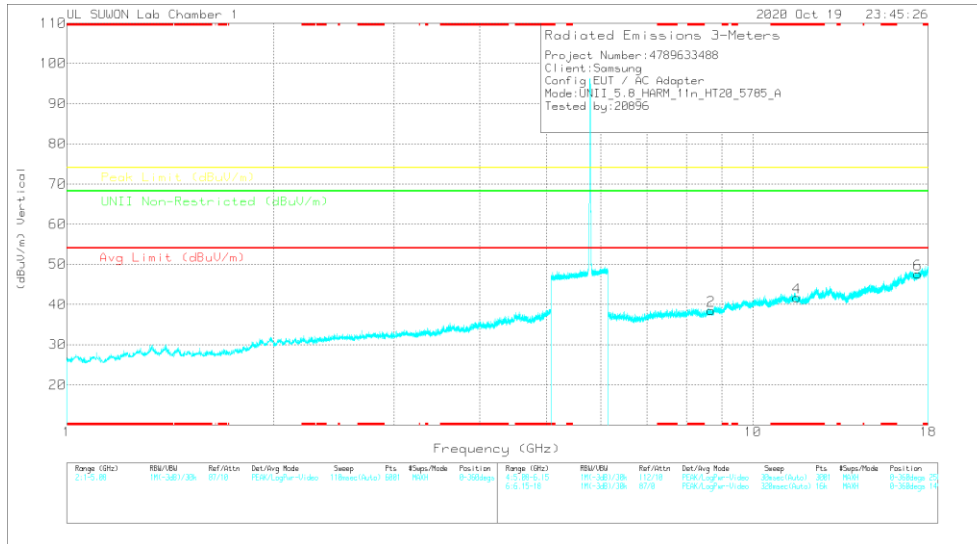
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

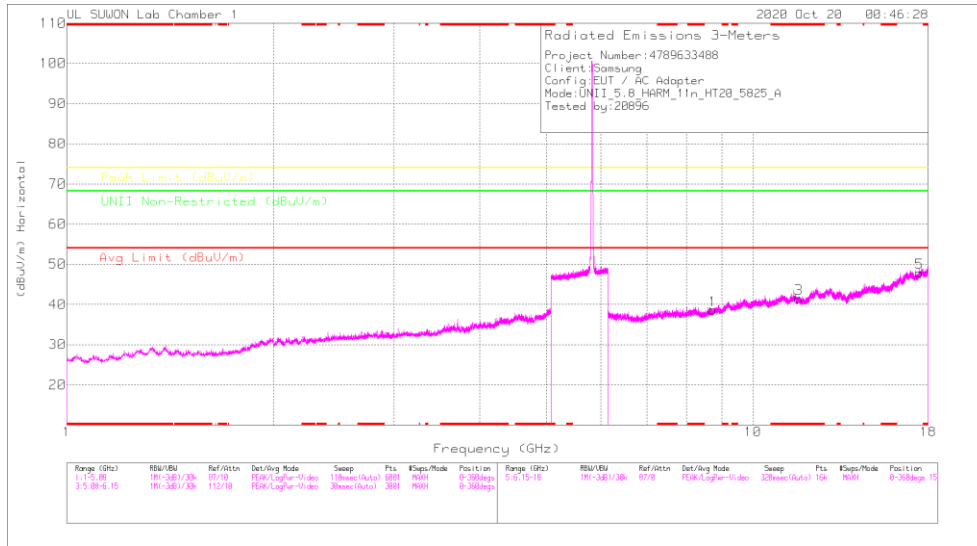
MID CHANNEL DATA

Radiated Emissions

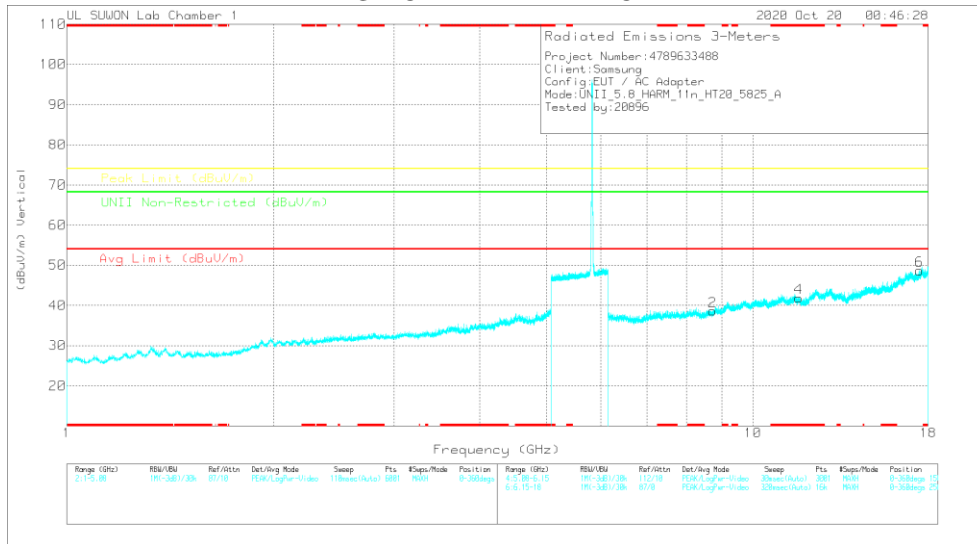
Frequency (GHz)	Max Reading (dBuV)	Det	317_00186717	dBcL_PP[dB]	DC Corr (dB)	Conduct Reading (dB/dBm)	Avg Limt (dBuV/m)	Margin (dB)	Plan Limt (dBuV/m)	Margin (dB)	UNII Non-Restrictd (dBuV/m)	Margin (dB)	Admth (Drops)	Height (cm)	Polarity
8.68531	37.64	PK-U	36.3	-25.2	0	48.74	-	-	-	-	68.2	-19.46	360	100	H
8.68595	37.37	PK-U	36.3	-25.2	0	48.47	-	-	-	-	68.2	-19.73	360	100	V
*11.55441	35.99	PK-U	38.3	-22.3	0	51.99	-	-	74	-22.01	-	-	360	100	H
*11.55719	35.88	PK-U	38.3	-22.3	0	51.88	-	-	74	-22.12	-	-	360	100	V
17.36666	34.18	PK-U	41.2	-17.6	0	57.78	-	-	-	-	68.2	-10.42	360	100	H
17.36922	34.77	PK-U	41.2	-17.6	0	58.37	-	-	-	-	68.2	-9.83	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Radiated Emissions

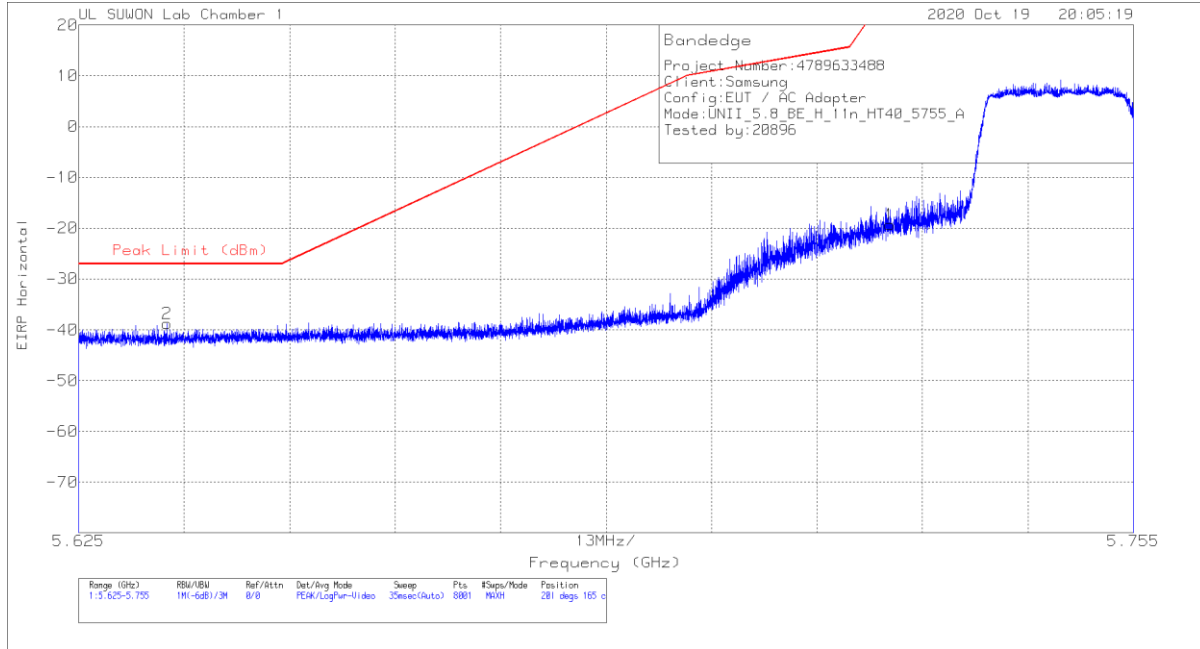
Frequency (GHz)	Meas Reading (dBuV)	Det	0117_00168717	ISGL_HF(SB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Meters)	Height (cm)	Polarity
8.7303	38.01	PK-U	36.4	-25.4	0	49.01	-	-	-	-	68.2	-19.19	360	100	H
8.73579	37.61	PK-U	36.4	-25.4	0	48.61	-	-	-	-	68.2	-19.59	360	100	V
*11.65059	36.43	PK-U	38.3	-21.8	0	52.93	-	-	74	-21.07	-	-	360	100	H
*11.65249	36.08	PK-U	38.3	-21.8	0	52.58	-	-	74	-21.42	-	-	360	100	V
17.47679	34.42	PK-U	41.2	-17.5	0	58.12	-	-	-	-	68.2	-10.08	360	100	H
17.47342	34.73	PK-U	41.2	-17.4	0	58.53	-	-	-	-	68.2	-9.67	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

11.4.3. TX ABOVE 1GHz 802.11n HT40 2Tx MODE IN THE 5.8GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

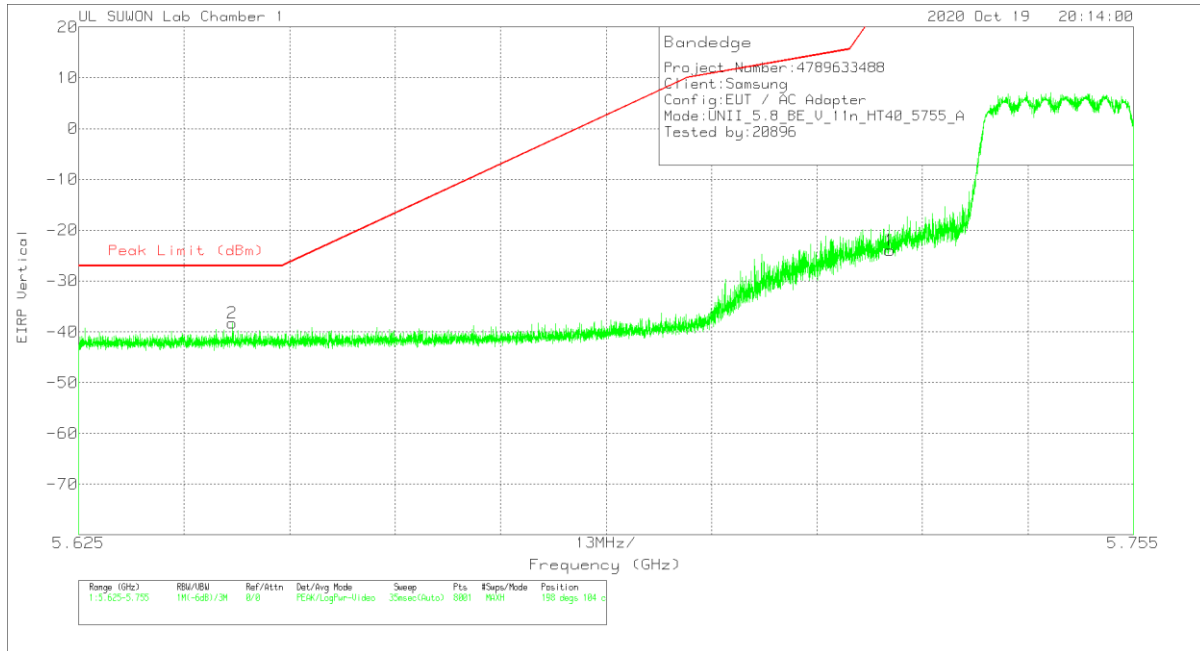


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-45.14	Pk	34.9	-20.9	11.8	0	-19.34	26.97	-46.31	201	165	H
2	5.63586	-64.29	Pk	34.7	-21	11.8	0	-38.79	-27	-11.79	201	165	H

Pk - Peak detector

VERTICAL PEAK DATA



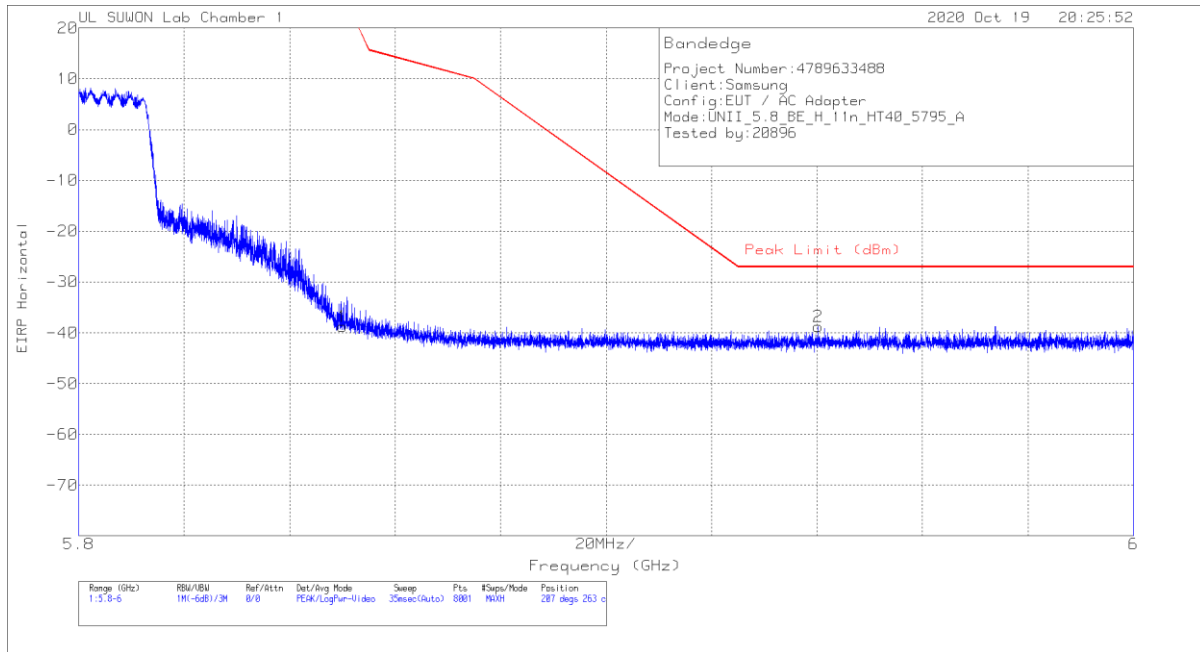
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-49.81	Pk	34.9	-20.9	11.8	0	-24.01	26.97	-50.98	198	104	V
2	5.64395	-63.82	Pk	34.8	-21	11.8	0	-38.22	-27	-11.22	198	104	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

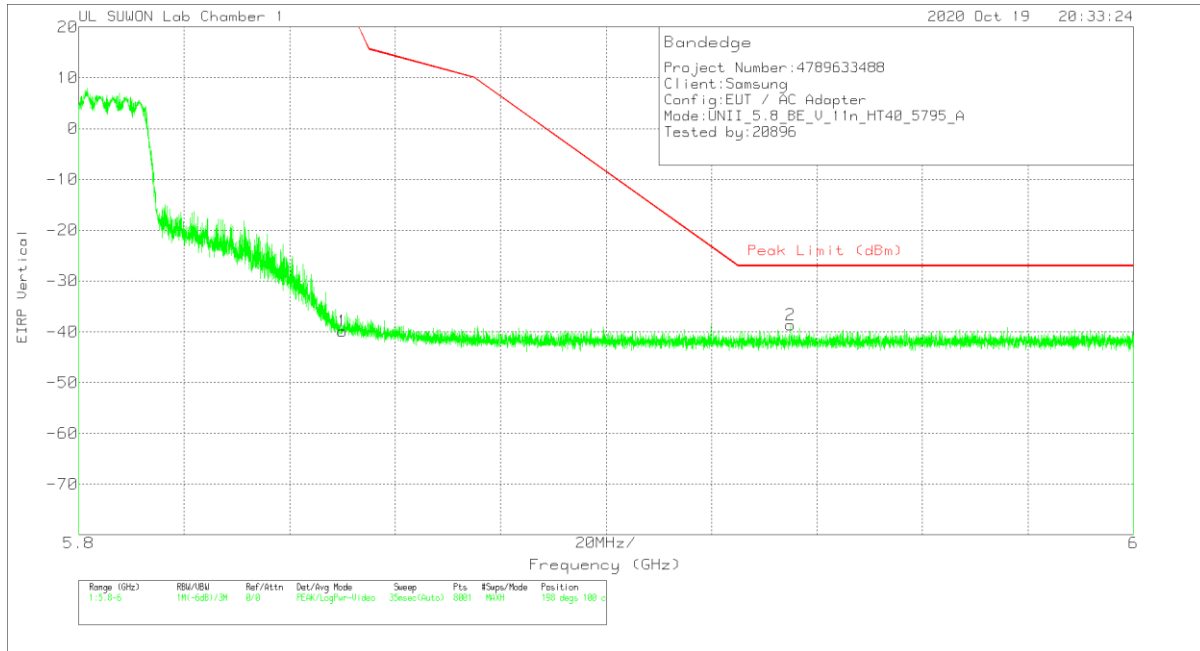


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-64.72	PK	35.1	-20.9	11.8	0	-38.72	26.94	-65.66	207	263	H
2	5.94025	-64.94	PK	35.2	-20.8	11.8	0	-38.74	-27	-11.74	207	263	H

Pk - Peak detector

VERTICAL PEAK DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-65.85	Pk	35.1	-20.9	11.8	0	-39.85	26.94	-66.79	198	100	V
2	5.935	-64.96	Pk	35.2	-20.7	11.8	0	-38.66	-27	-11.66	198	100	V

Pk - Peak detector