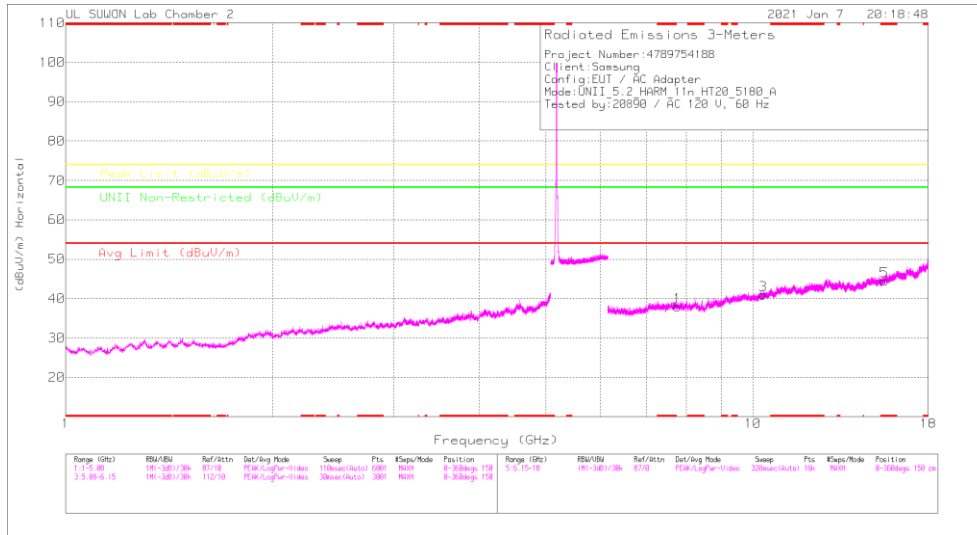
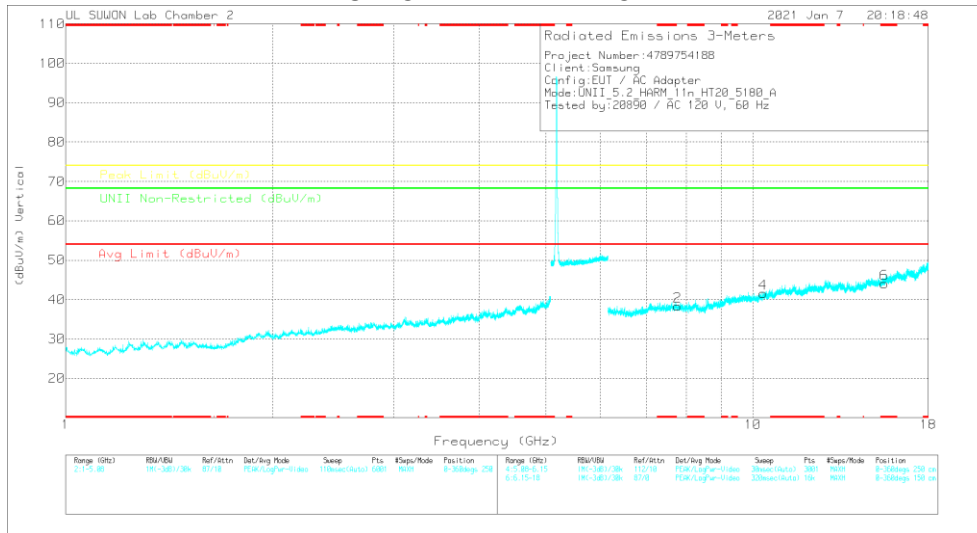


HARMONICS AND SPURIOUS EMISSIONS

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

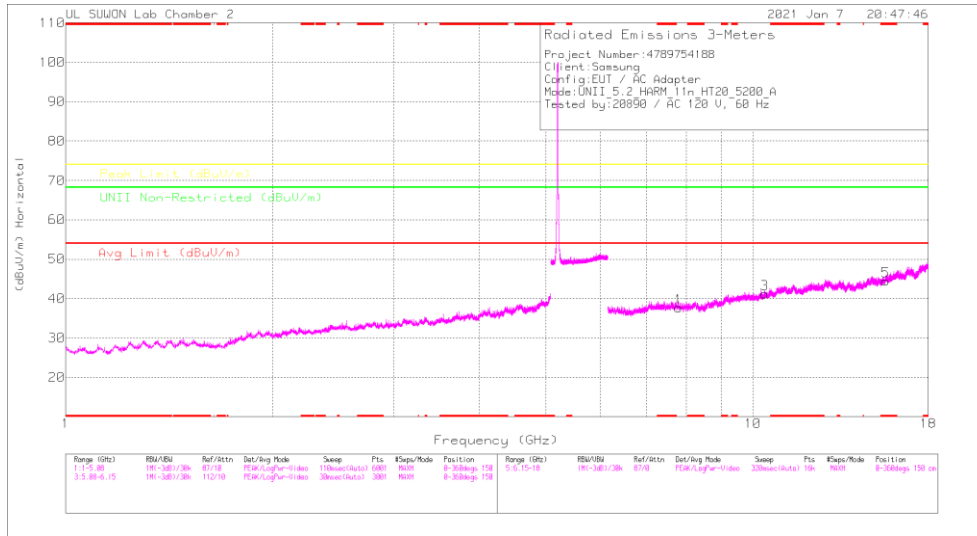
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HF[IS]	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 (m)	Polarity
7.7801	36.32	PK-U	36	-23	0	49.32	-	-	-	-	68.2	-18.88	0	100	H
7.77724	35.63	PK-U	36	-23.1	0	48.53	-	-	-	-	68.2	-19.67	0	100	V
10.36361	34.07	PK-U	37.7	-20.1	0	51.67	-	-	-	-	68.2	-16.53	0	100	H
10.3602	35.73	PK-U	37.7	-20	0	53.43	-	-	-	-	68.2	-14.77	0	100	V
* 15.54944	34.83	PK-U	40	-19.5	0	55.33	-	-	74	-18.67	-	-	0	100	H
* 15.53307	34.33	PK-U	40	-19.4	0	54.93	-	-	74	-19.07	-	-	0	100	V

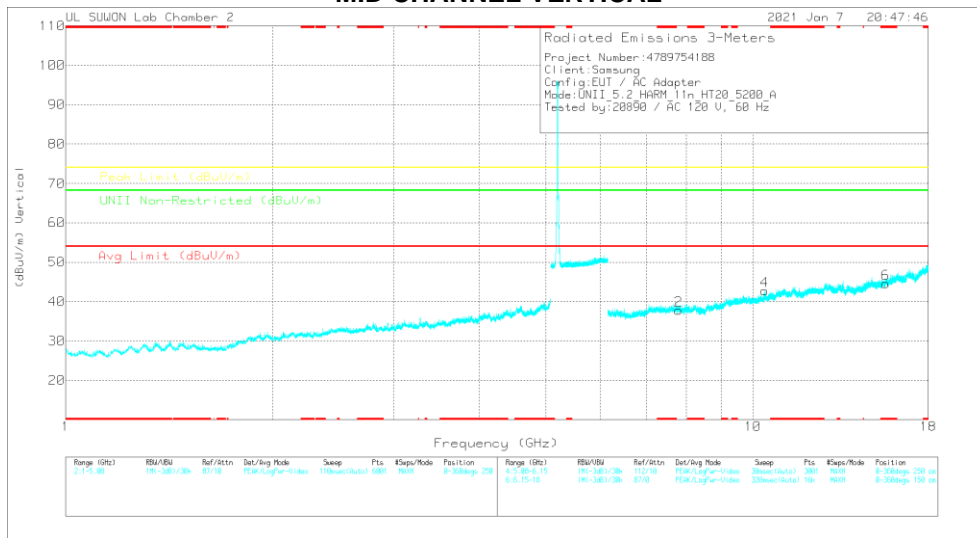
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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.

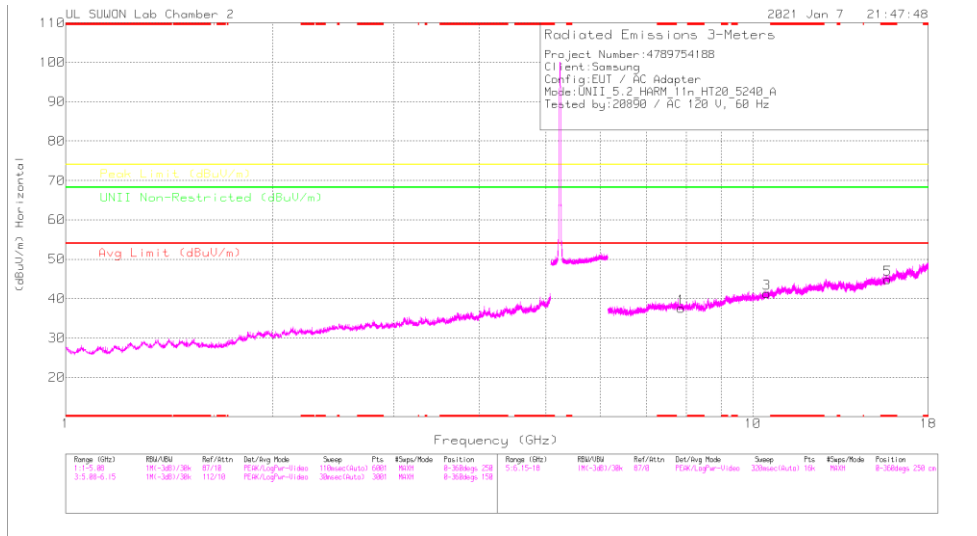
MID CHANNEL DATA

Radiated Emissions

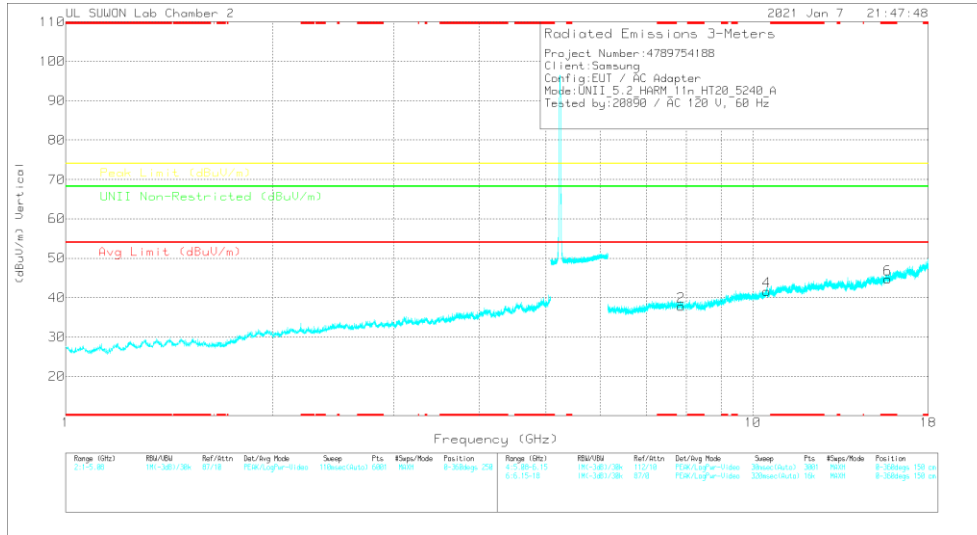
Frequency (GHz)	Max Reading (dBuV)	Det	0117_00160724	eSPL_HF(dB)	DC Corr (dB)	Conduct Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Admitt (Degs)	Height (cm)	Polarity
7.79667	36.34	PK-U	36	-23.2	0	49.14	-	-	-	-	68.2	-19.06	0	100	H
7.79537	36.4	PK-U	36	-23.2	0	49.2	-	-	-	-	68.2	-19	0	100	V
10.39834	36.6	PK-U	37.7	-20.1	0	52.2	-	-	-	-	68.2	-16	46	111	H
10.40278	37.08	PK-U	37.7	-20.1	0	54.68	-	-	-	-	68.2	-13.52	123	100	V
* 15.61035	35.22	PK-U	40	-19.5	0	55.72	-	-	74	-18.28	-	-	0	100	H
* 15.59817	35.31	PK-U	40	-19.4	0	55.91	-	-	74	-18.09	-	-	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)	Mean Reading (dBm)	Det	317_00168724	6GHz_HPS(B)	DC Corr (dB)	Consolid Reading (dBm)	Avg Limit (dBuV/m)	Magn (dB)	Peak Limit (dBuV/m)	Magn (dB)	UNII Non-Restricted (dBuV/m)	Magn (dB)	Asimuth (Deg)	Height (cm)	Polarity
7.85013	36.49	PK-U	36	-23.7	0	48.79	-	-	-	-	68.2	-19.41	0	100	H
7.8699	36.79	PK-U	36	-23.8	0	48.99	-	-	-	-	68.2	-19.21	0	100	V
10.48108	33.19	PK-U	37.8	-19.9	0	51.09	-	-	-	-	68.2	-17.11	0	100	H
10.47278	34.9	PK-U	37.8	-19.9	0	52.8	-	-	-	-	68.2	-15.4	0	100	V
* 15.73035	34.63	PK-U	40.2	-19.3	0	55.53	-	-	74	-18.47	-	-	0	100	H
* 15.71458	35	PK-U	40.2	-19.4	0	55.8	-	-	74	-18.2	-	-	0	100	V

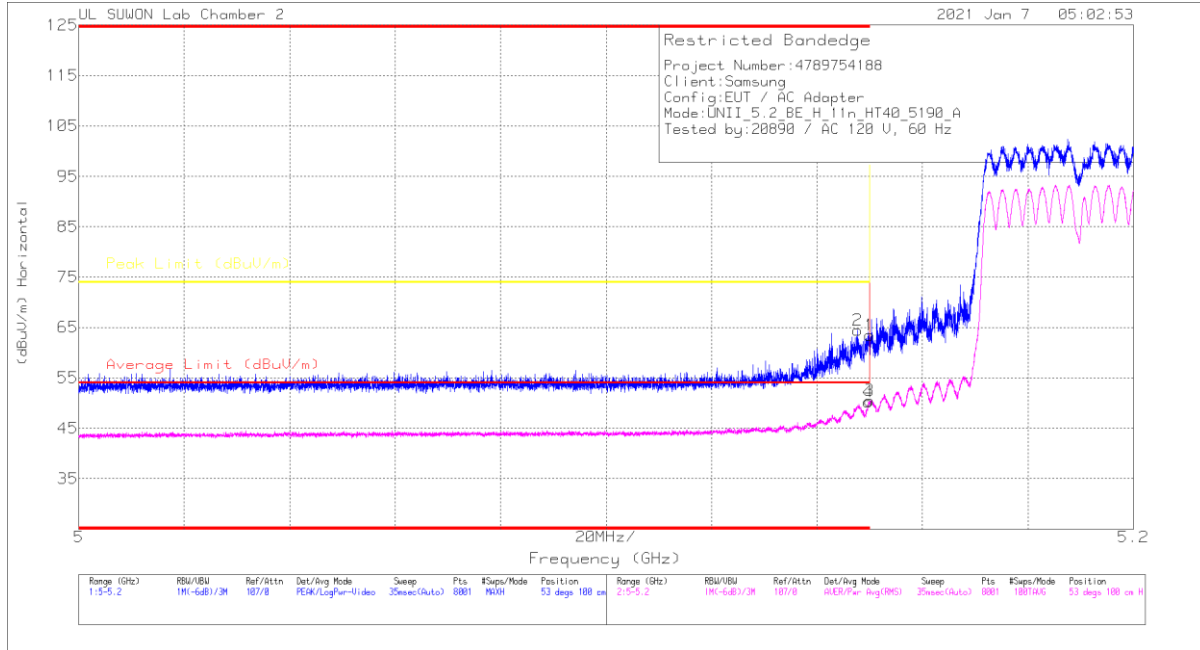
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.1.3. TX ABOVE 1GHz 802.11n HT40 2Tx MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

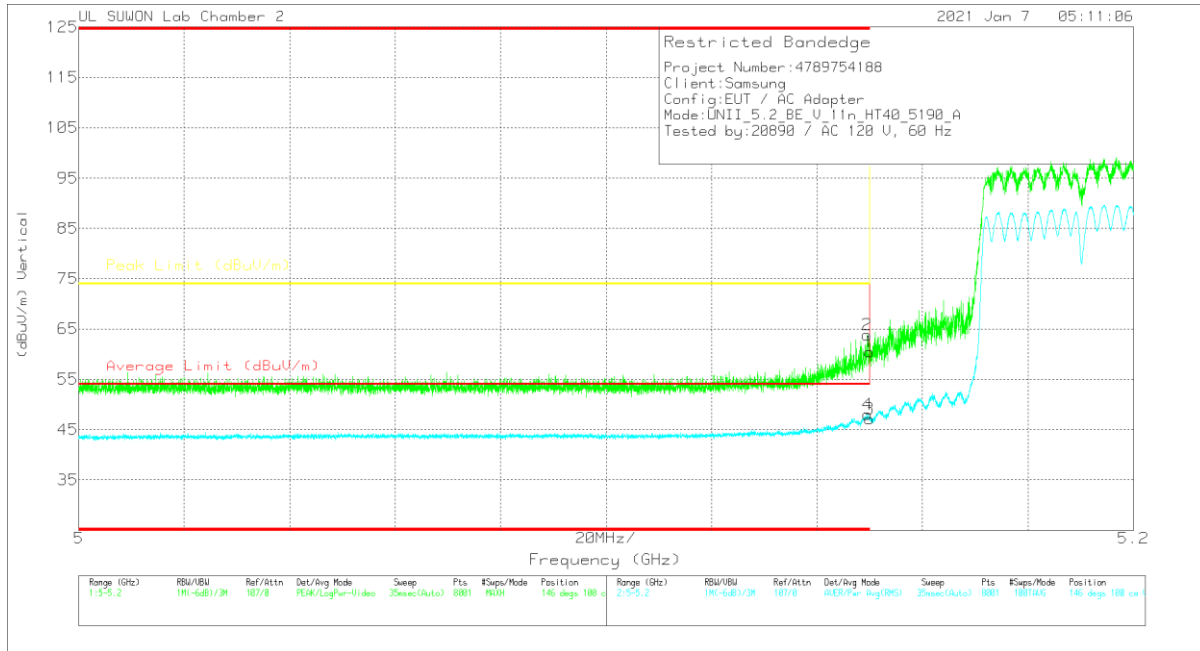


Trace Markers

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	5.15	46.74	Pk	34.4	-17.7	0	63.44	-	-	74	-10.56	53	100	H
2	* 5.14768	47.72	Pk	34.4	-17.7	0	64.42	-	-	74	-9.58	53	100	H
3	5.15	33.69	RMS	34.4	-17.7	.12	50.51	54	-3.49	-	-	53	100	H
4	* 5.14975	33.42	RMS	34.4	-17.7	.12	50.24	54	-3.76	-	-	53	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)	Meas 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	5.15	43.82	Pk	34.4	-17.7	0	60.82	-	-	74	-13.48	146	100	V
2	* 5.14953	47.12	Pk	34.4	-17.7	0	63.82	-	-	74	-10.18	146	100	V
3	5.15	30.37	RMS	34.4	-17.7	.12	47.19	54	-6.81	-	-	146	100	V
4	* 5.14963	31.22	RMS	34.4	-17.7	.12	48.04	54	-5.96	-	-	146	100	V

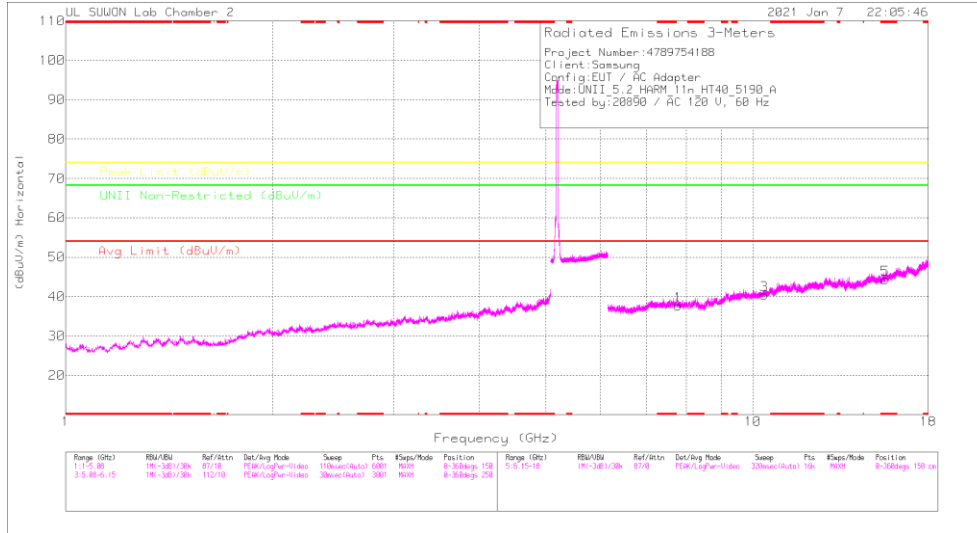
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

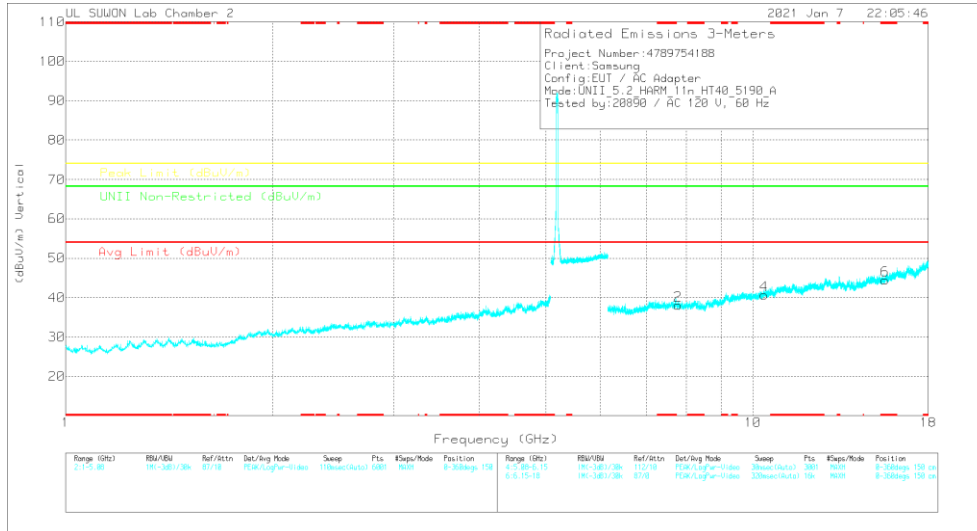
RMS - RMS detection

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.

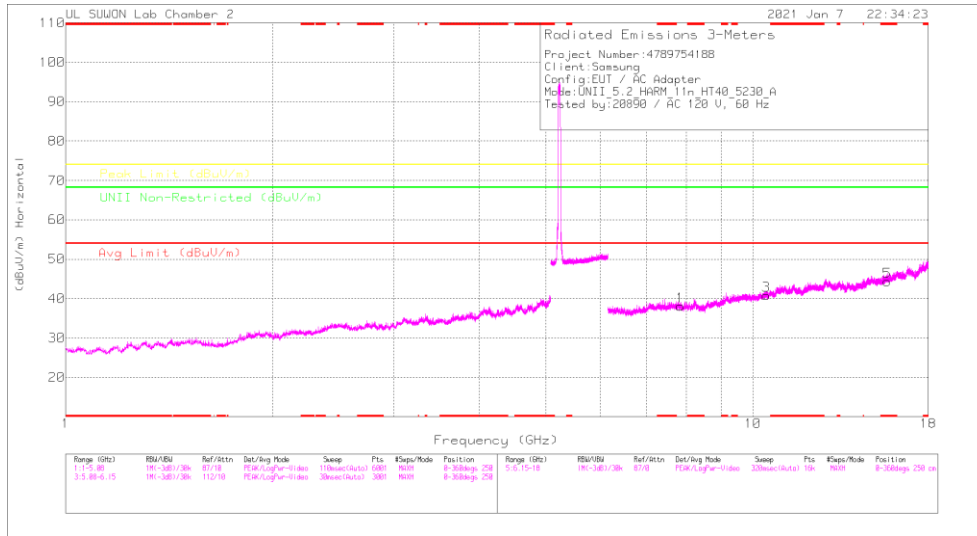
LOW CHANNEL DATA

Radiated Emissions

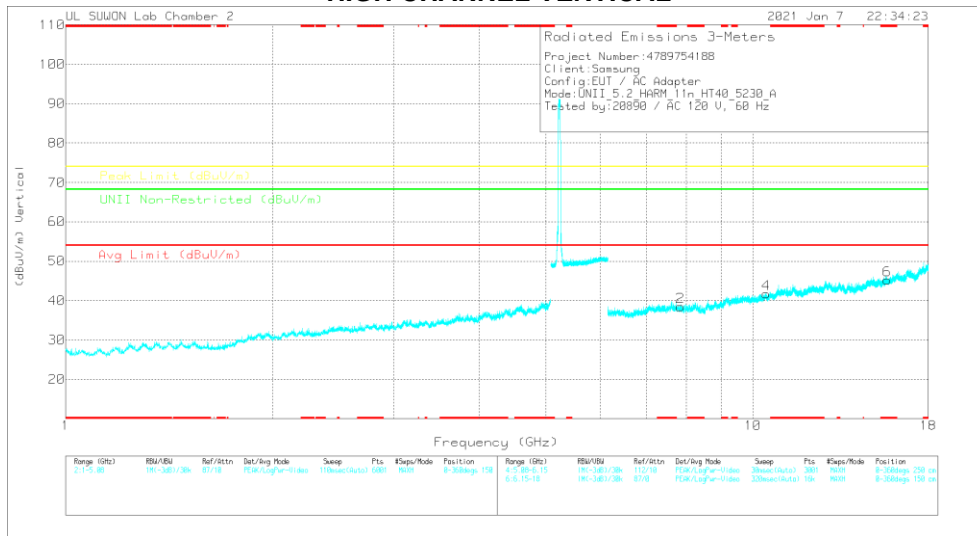
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.76353	35.96	PK-U	36	-23	0	48.96	-	-	-	-	68.2	-19.24	0	100	H
7.7921	35.95	PK-U	36	-23.2	0	48.75	-	-	-	-	68.2	-19.45	0	100	V
10.37918	33.41	PK-U	37.7	-20.2	0	50.91	-	-	-	-	68.2	-17.29	0	100	H
10.38452	34.54	PK-U	37.7	-20.2	0	52.04	-	-	-	-	68.2	-16.16	0	100	V
* 15.67712	35.71	PK-U	40	-19.5	0	56.21	-	-	74	-17.79	-	-	0	100	H
* 15.5658	34.5	PK-U	40	-19.4	0	55.1	-	-	74	-18.9	-	-	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

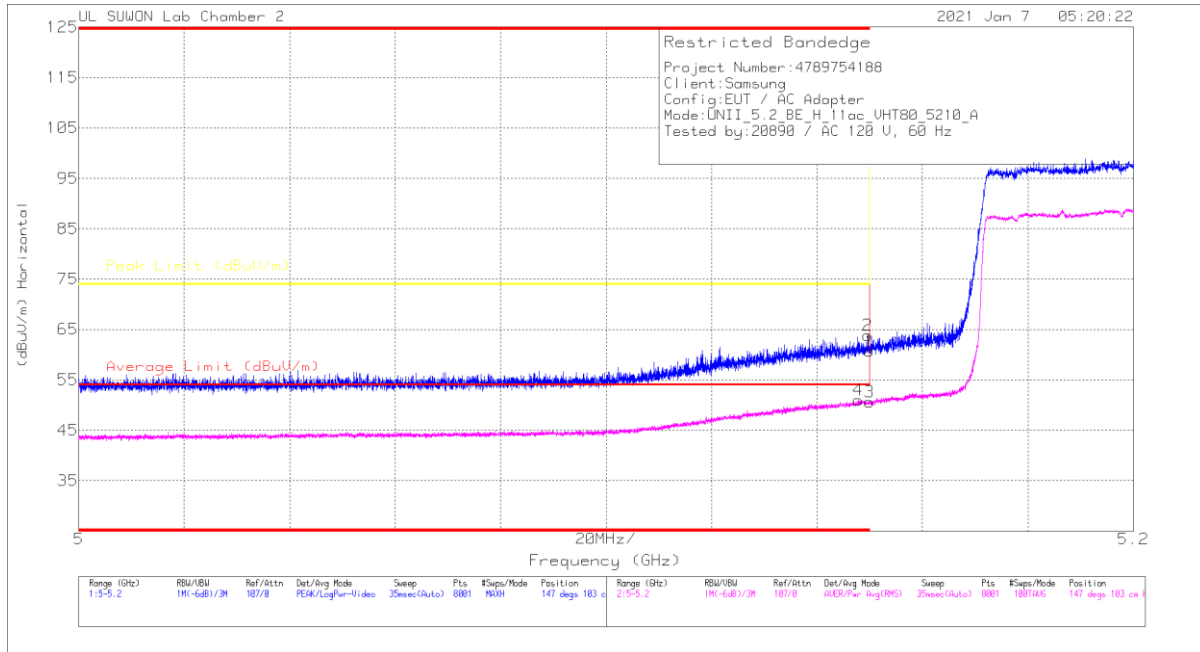
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPSDR	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
7.94279	36.50	PK-U	36	-23.6	0	40.38	-	-	-	-	68.2	-19.22	0	100	H
7.853	36.74	PK-U	36	-23.7	0	40.04	-	-	-	-	68.2	-19.16	0	100	V
10.46484	33.69	PK-U	37.8	-19.8	0	51.49	-	-	-	-	68.2	-16.71	0	100	H
10.46815	33.91	PK-U	37.8	-19.8	0	51.91	-	-	-	-	68.2	-16.29	0	100	V
* 15.69734	35.17	PK-U	40.2	-19.5	0	55.87	-	-	74	-18.13	-	-	0	100	H
* 15.69446	35.21	PK-U	40.2	-19.6	0	55.81	-	-	74	-18.19	-	-	0	100	V

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

11.1.4.TX ABOVE 1GHz 802.11ac VHT80 2Tx MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

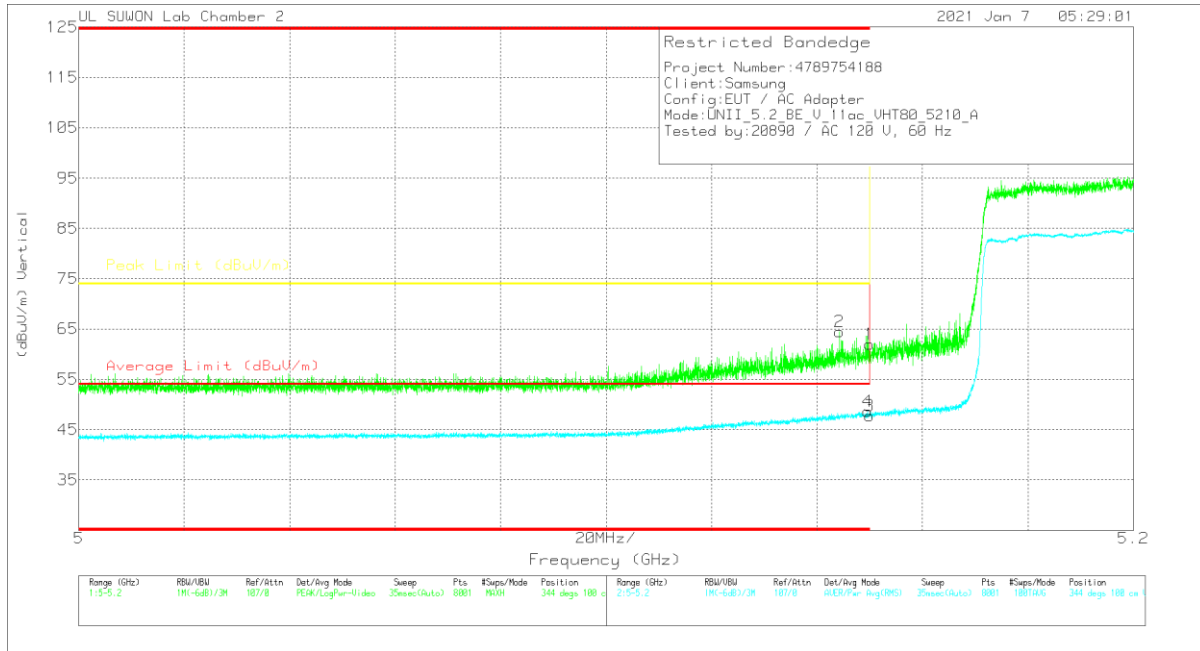
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	44.03	Pk	34.4	-17.7	0	60.73	-	-	74	-13.27	147	103	H
2	* 5.14965	47.1	Pk	34.4	-17.7	0	63.8	-	-	74	-10.2	147	103	H
3	5.15	33.75	RMS	34.4	-17.7	2	50.65	54	-3.35	-	-	147	103	H
4	* 5.14776	34.2	RMS	34.4	-17.7	2	51.1	54	-2.9	-	-	147	103	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	5.15	45.29	Pk	34.4	-17.7	0	61.99	-	-	74	-12.01	344	100	V
2	* 5.14428	47.72	Pk	34.4	-17.7	0	64.42	-	-	74	-9.58	344	100	V
3	5.15	30.98	RMS	34.4	-17.7	.2	47.88	54	-6.12	-	-	344	100	V
4	* 5.14958	31.76	RMS	34.4	-17.7	.2	48.66	54	-5.34	-	-	344	100	V

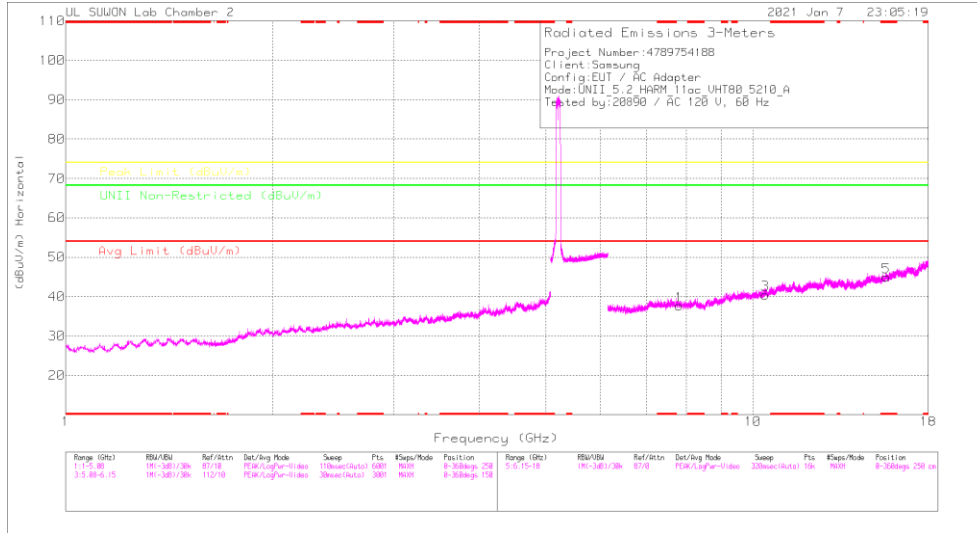
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

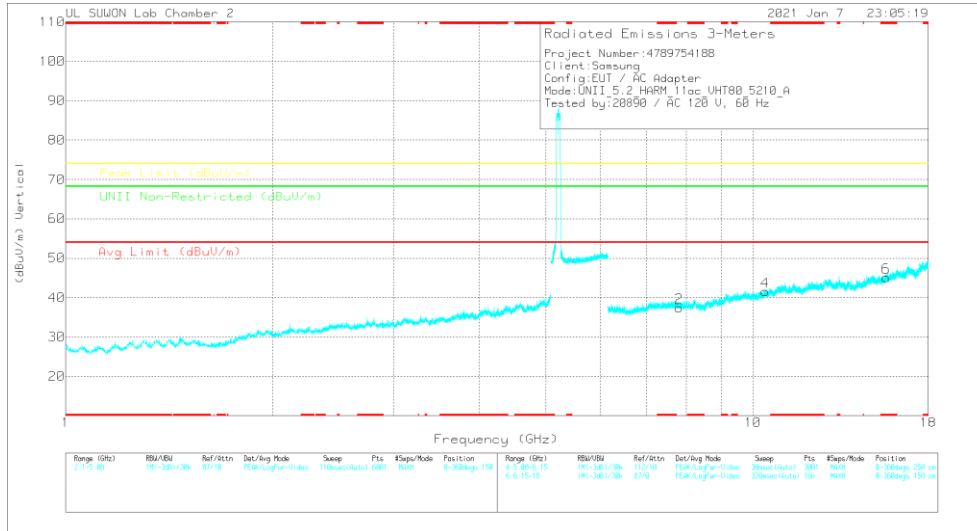
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

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)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPSdB	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
7.81436	36.7	PK-U	36	-23.5	0	49.2	-	-	-	-	68.2	-19	0	100	H
7.81348	35.72	PK-U	36	-23.6	0	48.12	-	-	-	-	68.2	-20.08	0	100	V
10.41187	33.53	PK-U	37.7	-20.1	0	51.13	-	-	-	-	68.2	-17.07	0	100	H
10.42437	33.87	PK-U	37.7	-20.1	0	51.47	-	-	-	-	68.2	-16.73	0	100	V
* 15.63364	35.74	PK-U	40.1	-19.6	0	56.24	-	-	74	-17.76	-	-	0	100	H
* 15.63388	35.07	PK-U	40.1	-19.6	0	55.57	-	-	74	-18.43	-	-	0	100	V

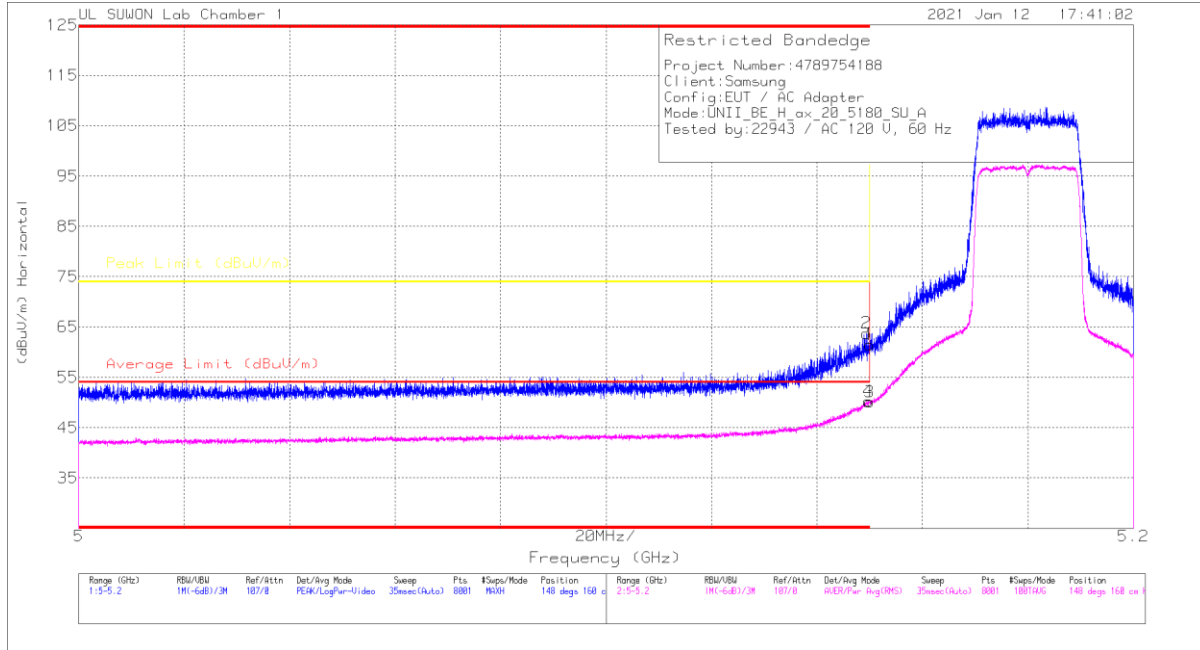
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.1.5.TX ABOVE 1GHz 802.11ax HE20(SU) 2Tx MODE IN 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

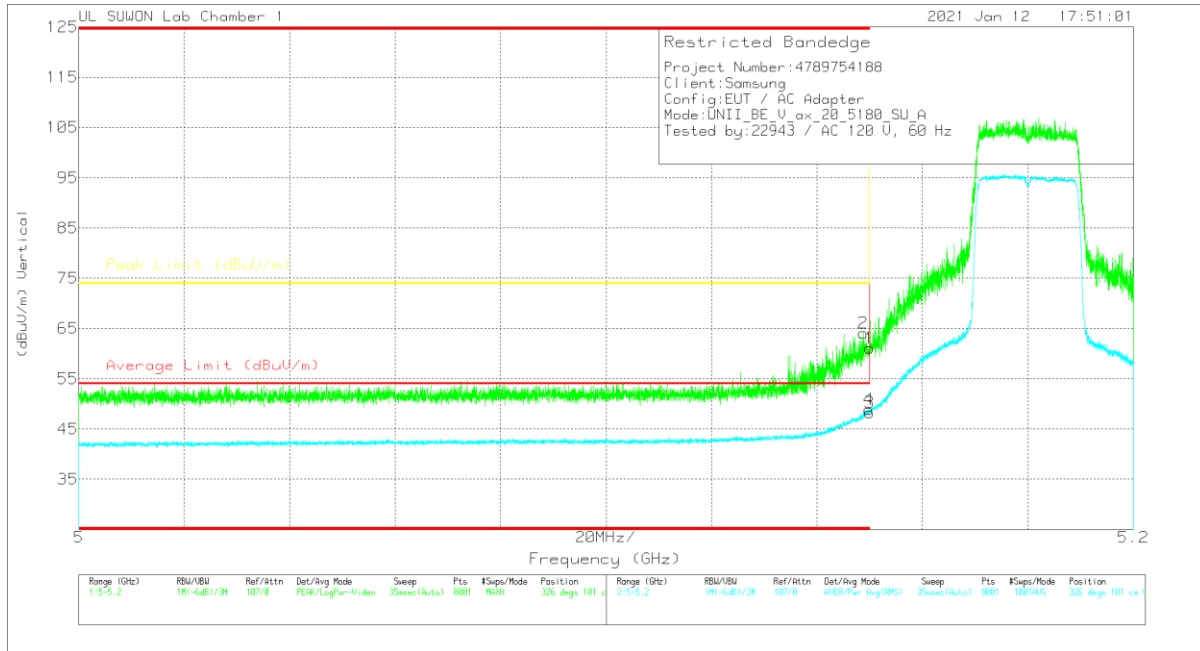
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	48.76	PK	34.3	-21.6	0	61.46	-	-	74	-12.54	148	160	H
2	* 5.14943	51.18	PK	34.3	-21.7	0	63.78	-	-	74	-10.22	148	160	H
3	5.15	37.38	RMS	34.3	-21.6	-1	50.18	54	-3.82	-	-	148	160	H
4	* 5.14975	37.54	RMS	34.3	-21.7	-1	50.24	54	-3.76	-	-	148	160	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_00168717	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	5.15	48.39	Pk	34.3	-21.6	0	61.09	-	-	74	-12.91	326	101	V
2	*5.14873	51.46	Pk	34.3	-21.7	0	64.06	-	-	74	-9.94	326	101	V
3	5.15	35.48	RMS	34.3	-21.6	.1	48.28	54	-5.72	-	-	326	101	V
4	*5.1499	36.16	RMS	34.3	-21.7	.1	48.86	54	-5.14	-	-	326	101	V

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

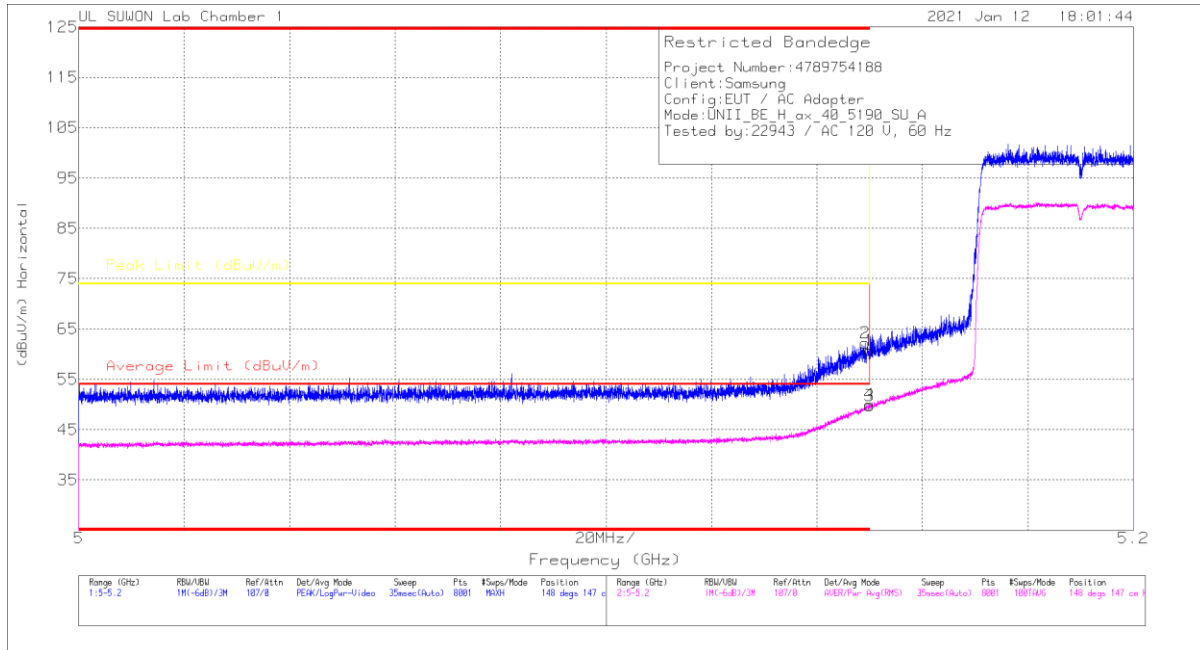
Pk - Peak detector

RMS - RMS detection

11.1.6. TX ABOVE 1GHz 802.11ax HE40(SU) 2Tx MODE IN 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

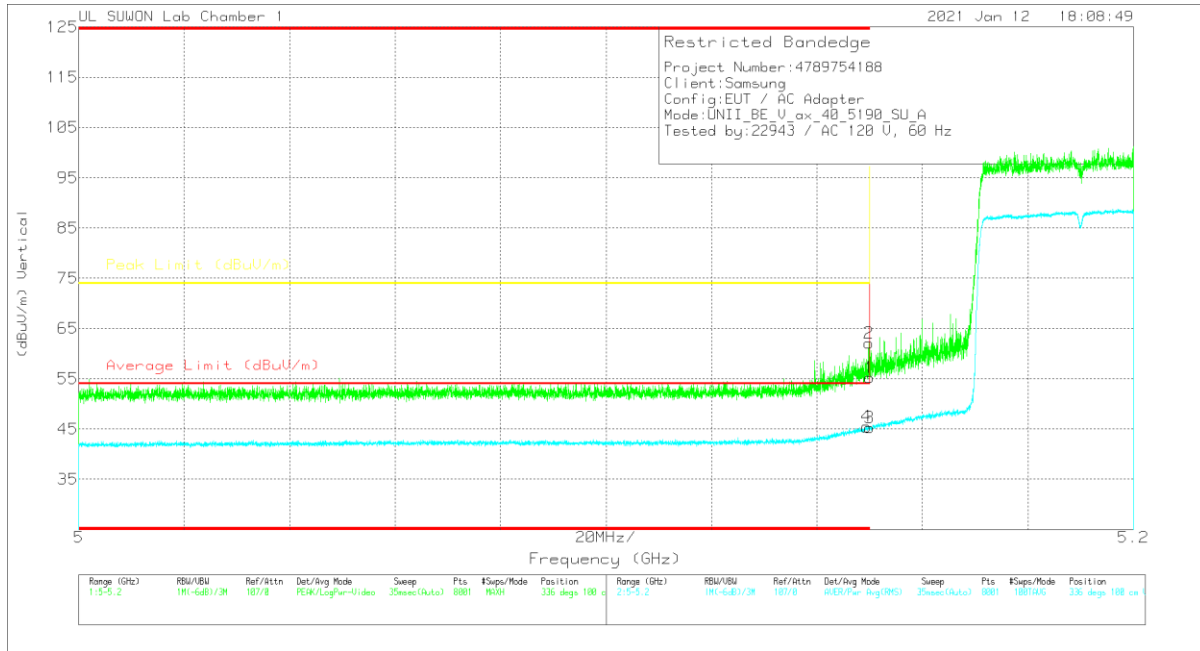
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	48	Pk	34.3	-21.6	0	69.7	-	-	74	-13.3	148	147	H
2	* 5.1491	49.87	Pk	34.3	-21.7	0	62.27	-	-	74	-11.73	148	147	H
3	5.15	36.99	RMS	34.3	-21.6	.1	49.79	54	-4.21	-	-	148	147	H
4	* 5.14998	37.18	RMS	34.3	-21.6	.1	49.98	54	-4.02	-	-	148	147	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_00168717	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	5.15	42.57	Pk	34.3	-21.6	0	55.27	-	-	74	-18.73	336	100	V
2	*5.1498	49.52	Pk	34.3	-21.7	0	62.12	-	-	74	-11.88	336	100	V
3	5.15	32.49	RMS	34.3	-21.6	-1	45.29	54	-8.71	-	-	336	100	V
4	*5.1494	32.76	RMS	34.3	-21.7	-1	45.46	54	-8.54	-	-	336	100	V

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

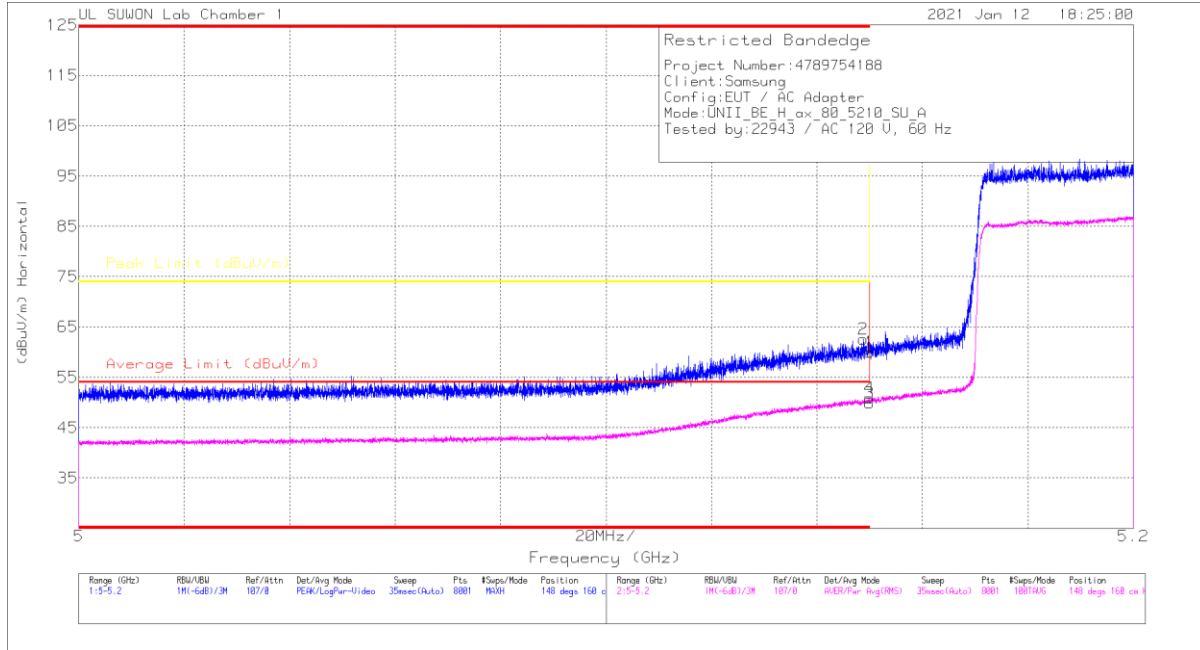
Pk - Peak detector

RMS - RMS detection

11.1.7. TX ABOVE 1GHz 802.11ax HE80(SU) 2Tx MODE IN 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

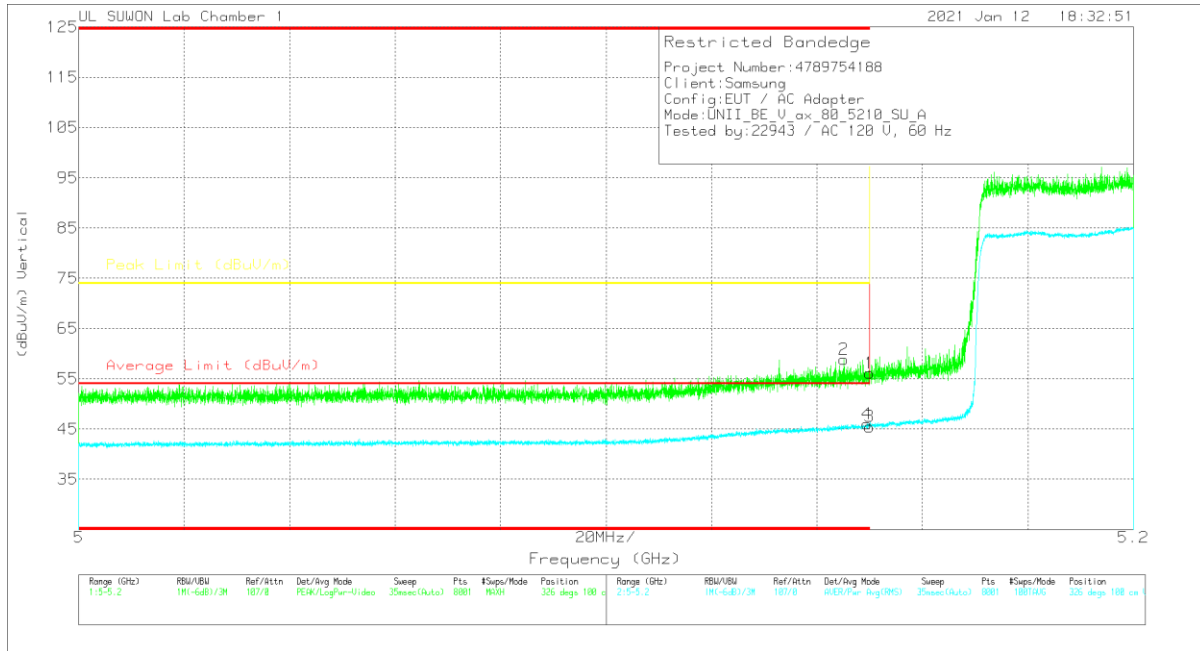
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT(dB)	DC Cor (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	Pk Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	47.3	Pk	34.3	-21.6	0	60	-	-	74	-14	148	160	H
2	* 5.14883	49.98	Pk	34.3	-21.7	0	62.58	-	-	74	-11.42	148	160	H
3	5.15	37.03	RMS	34.3	-21.6	-1	49.83	54	-4.17	-	-	148	160	H
4	* 5.14995	38.17	RMS	34.3	-21.7	-1	50.87	54	-3.13	-	-	148	160	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_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	5.15	43.4	Pk	34.3	-21.6	0	56.1	-	-	74	-17.9	326	100	V
2	* 5.14505	46.24	Pk	34.3	-21.7	0	58.84	-	-	74	-15.16	326	100	V
3	5.15	32.66	RMS	34.3	-21.6	.1	45.46	54	-8.54	-	-	326	100	V
4	* 5.14953	33.36	RMS	34.3	-21.7	.1	46.06	54	-7.94	-	-	326	100	V

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

Pk - Peak detector

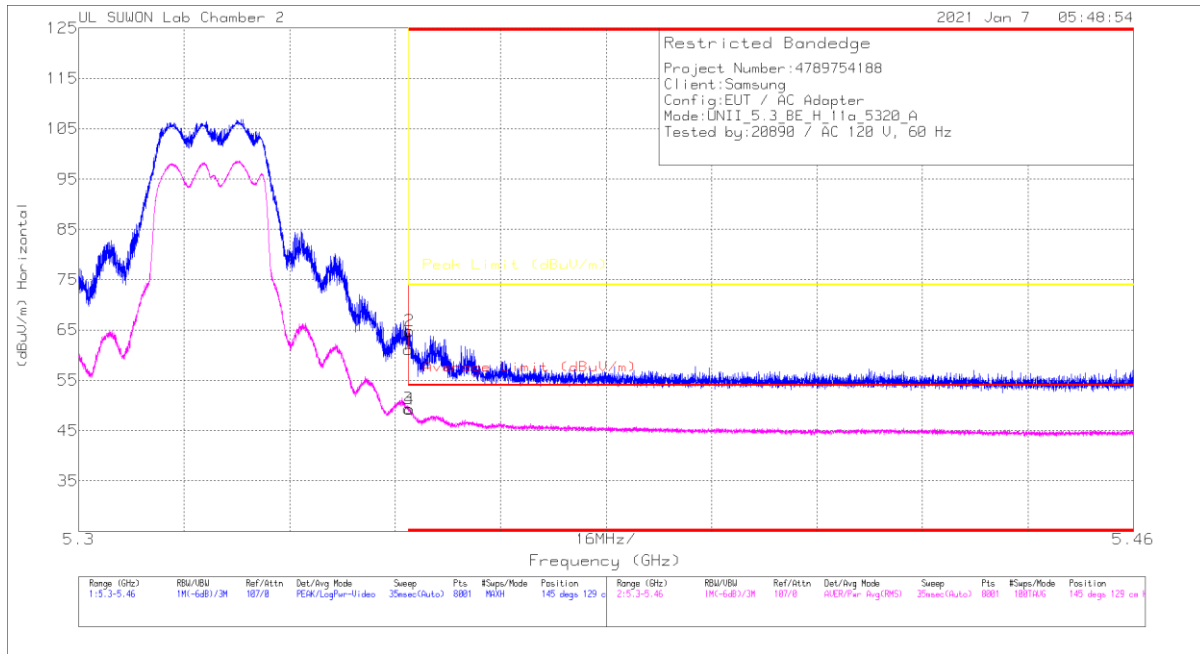
RMS - RMS detection

11.2. 5.3 GHz

11.2.1. TX ABOVE 1 GHz 802.11a 2Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

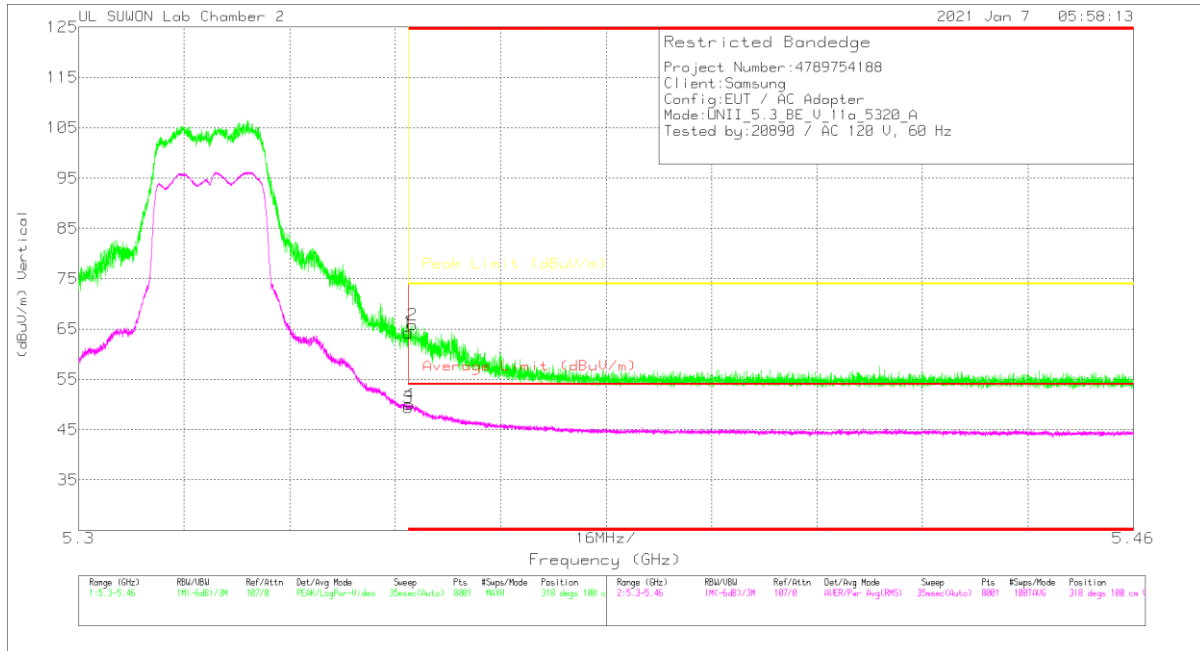
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	44.35	Pk	34.5	-17.7	0	61.15	-	-	74	-12.85	145	129	H
2	* 5.35016	47.98	Pk	34.5	-17.7	0	64.78	-	-	74	-9.22	145	129	H
3	* 5.35002	32.42	RMS	34.5	-17.7	.11	49.33	54	-4.67	-	-	145	129	H
4	* 5.35016	32.34	RMS	34.5	-17.7	.11	49.25	54	-4.75	-	-	145	129	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	* 5.35002	47.48	Pk	34.5	-17.7	0	64.28	-	-	74	-9.72	318	100	V
2	* 5.3507	49.04	Pk	34.5	-17.7	0	65.84	-	-	74	-8.16	318	100	V
3	* 5.35002	32.51	RMS	34.5	-17.7	.11	49.42	54	-4.58	-	-	318	100	V
4	* 5.35014	33.13	RMS	34.5	-17.7	.11	50.04	54	-3.96	-	-	318	100	V

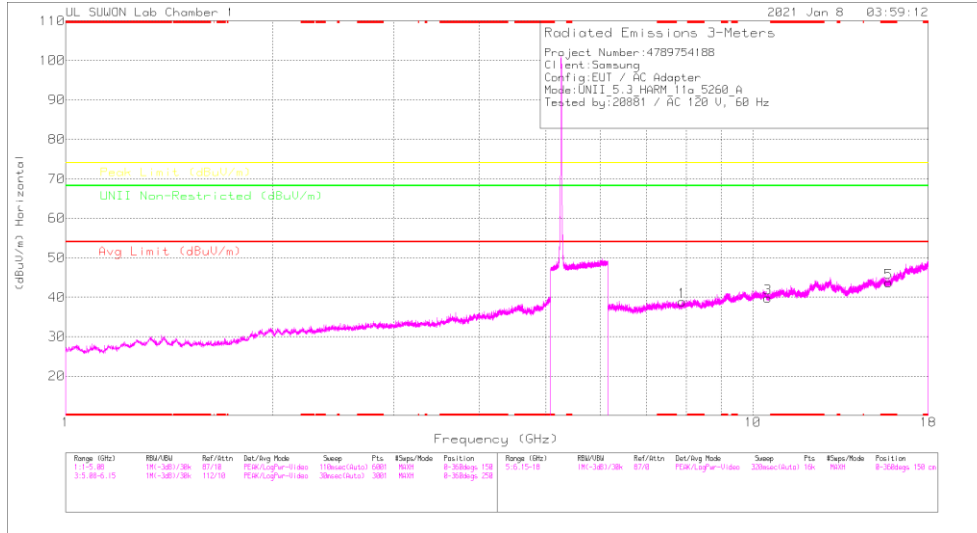
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

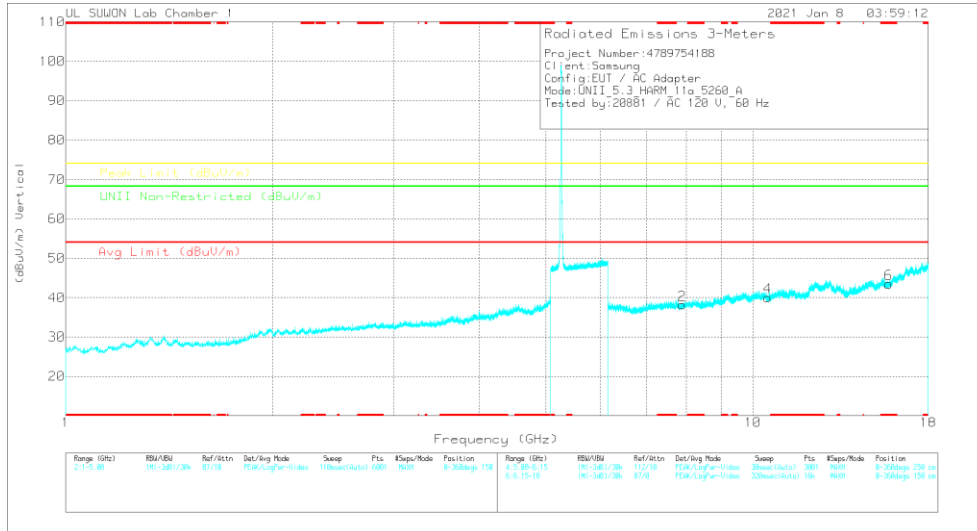
RMS - RMS detection

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.

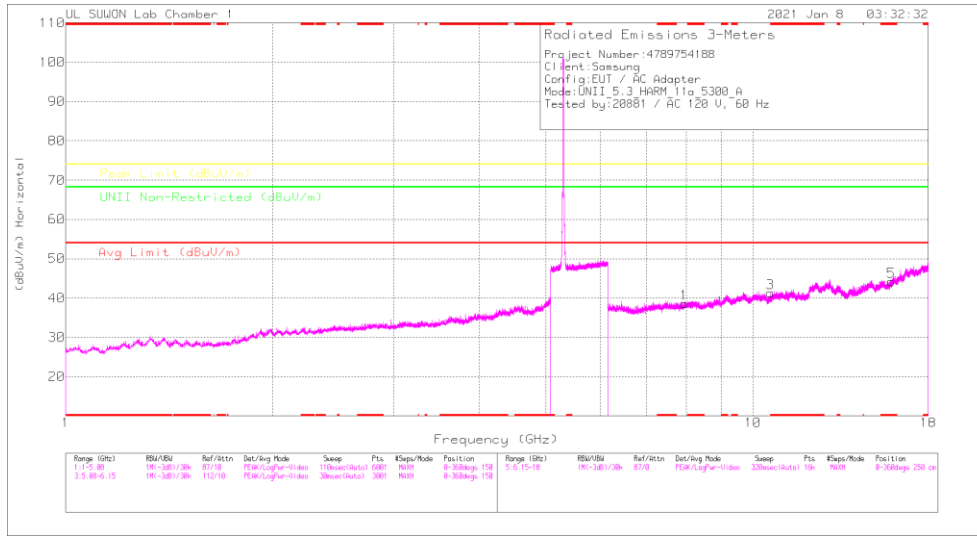
LOW CHANNEL DATA

Radiated Emissions

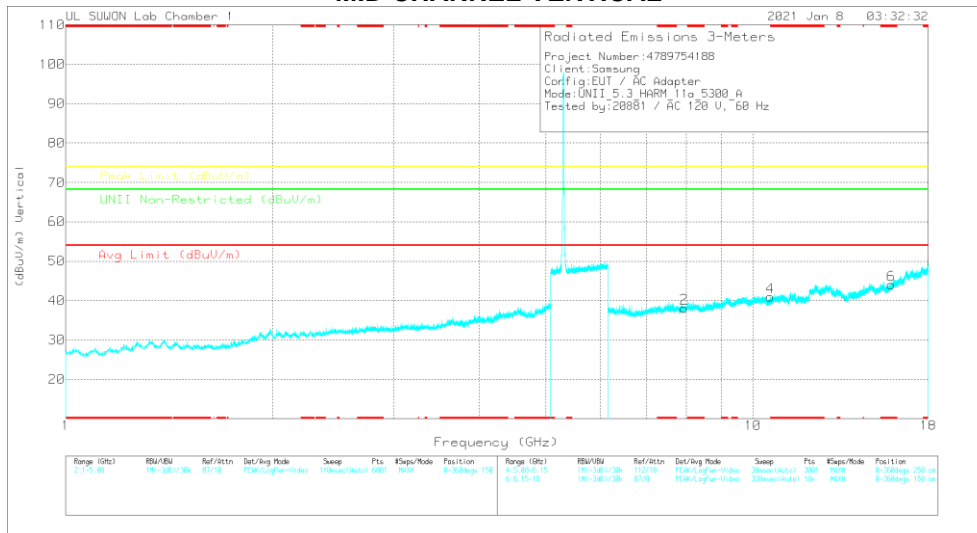
Frequency (GHz)	Max Reading (dBuV)	Det	2117_20160717	@GHz_HF@	OC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.89213	39.26	PK-U	35.9	-26.5	0	48.66	-	-	-	-	68.2	-19.54	360	100	H
7.89059	40.05	PK-U	35.9	-26.4	0	49.55	-	-	-	-	68.2	-18.65	360	100	V
10.51832	36.23	PK-U	37.9	-22.6	0	51.53	-	-	-	-	68.2	-16.67	360	100	H
10.52051	37.32	PK-U	37.9	-22.6	0	52.62	-	-	-	-	68.2	-15.58	360	100	V
* 15.77824	36.04	PK-U	40.2	-21.1	0	55.14	-	-	74	-18.86	-	-	360	100	H
* 15.77852	36.79	PK-U	40.2	-21.1	0	55.89	-	-	74	-18.11	-	-	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

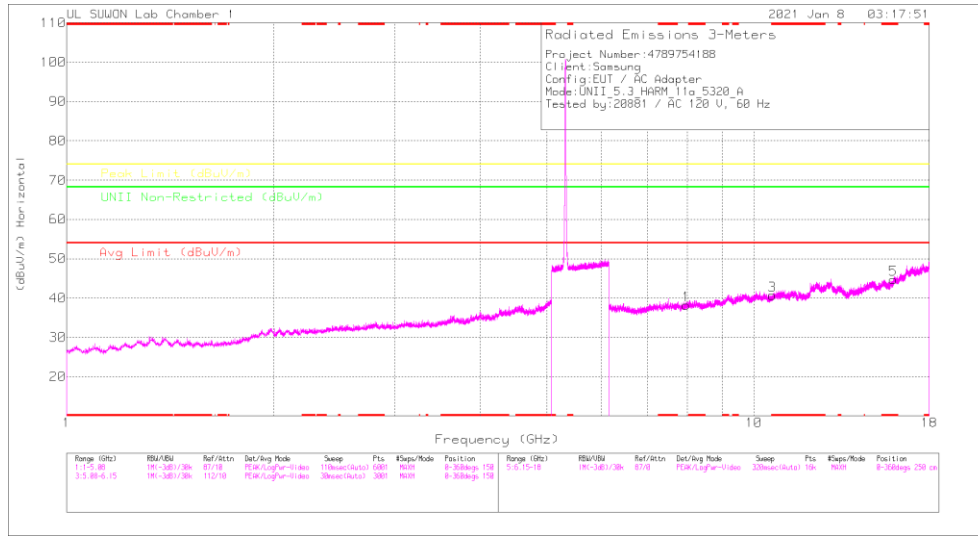
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	60Hz_HPSdB	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 (Degs)	Height (m)	Polarity
7.94576	39.05	PK-U	36	-26.1	0	48.95	-	-	-	-	68.2	-19.25	360	100	H
7.94816	39.02	PK-U	36	-26	0	49.02	-	-	-	-	68.2	-18.18	360	100	V
10.59955	36.46	PK-U	38	-22.5	0	51.96	-	-	-	-	68.2	-16.24	360	100	H
10.59983	37.38	PK-U	38	-22.5	0	52.88	-	-	-	-	68.2	-15.32	360	100	V
* 15.89971	36.22	PK-U	40.3	-21	0	55.52	-	-	74	-18.48	-	-	360	100	H
* 15.89976	35.84	PK-U	40.3	-21	0	55.14	-	-	74	-18.86	-	-	360	100	V

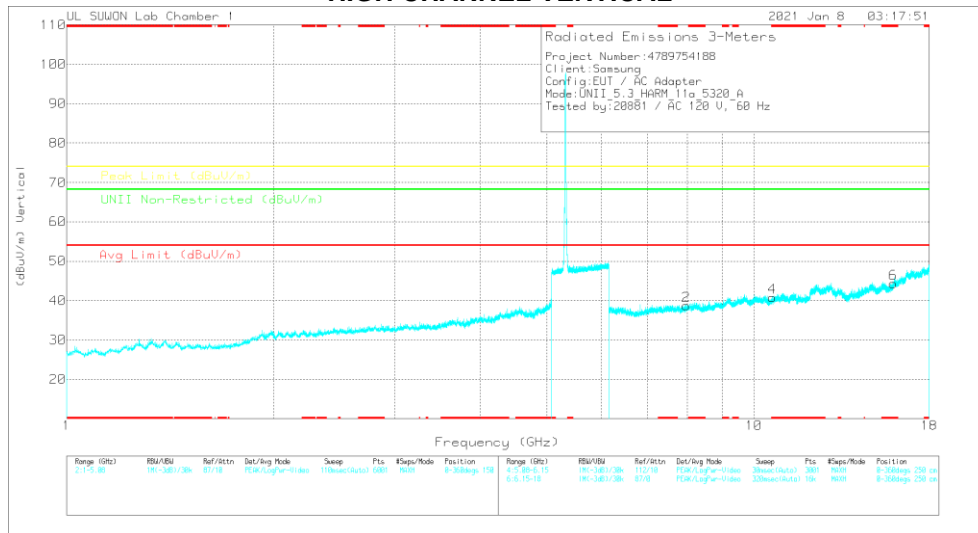
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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)	Meter Reading (dBm)	Det	317...00168717	6GHz_HF(SB)	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)	Altitude (Degs)	Height (cm)	Polarity
7.97864	39.12	PK-U	36	-25.9	0	49.22	-	-	-	-	68.2	-18.98	360	150	H
7.97924	38.37	PK-U	36	-25.9	0	48.47	-	-	-	-	68.2	-19.73	360	150	V
* 10.63898	36.17	PK-U	38	-22.1	0	52.07	-	-	74	-21.93	-	-	360	150	H
* 10.64022	36.88	PK-U	38	-22.1	0	52.78	-	-	74	-21.22	-	-	360	150	V
* 15.96065	36.27	PK-U	40.4	-20.8	0	55.87	-	-	74	-18.13	-	-	360	150	H
* 15.96417	36.14	PK-U	40.4	-20.8	0	55.74	-	-	74	-18.26	-	-	360	150	V

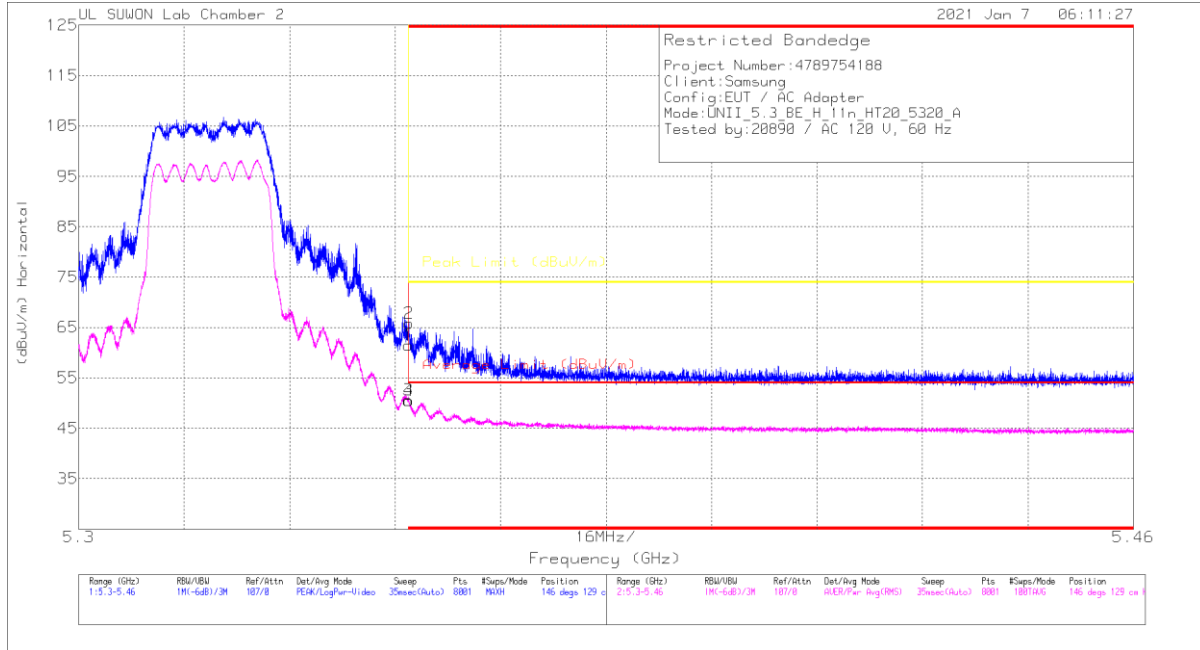
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.2.2.TX ABOVE 1GHz 802.11n HT20 2Tx MODE IN THE 5.3GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

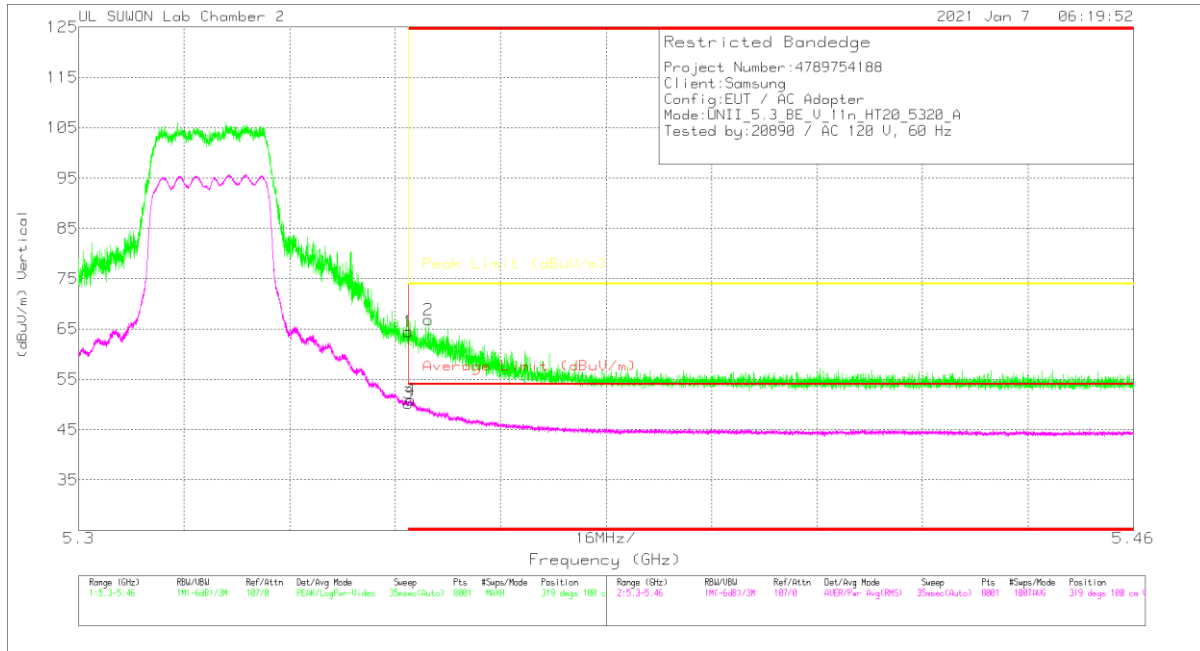
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	44.71	Pk	34.5	-17.7	0	61.51	-	-	74	-12.49	146	129	H
2	* 5.35011	49.05	Pk	34.5	-17.7	0	65.85	-	-	74	-8.15	146	129	H
3	* 5.35002	33.66	RMS	34.5	-17.7	.11	50.57	54	-3.43	-	-	146	129	H
4	* 5.35006	33.58	RMS	34.5	-17.7	.11	50.49	54	-3.51	-	-	146	129	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



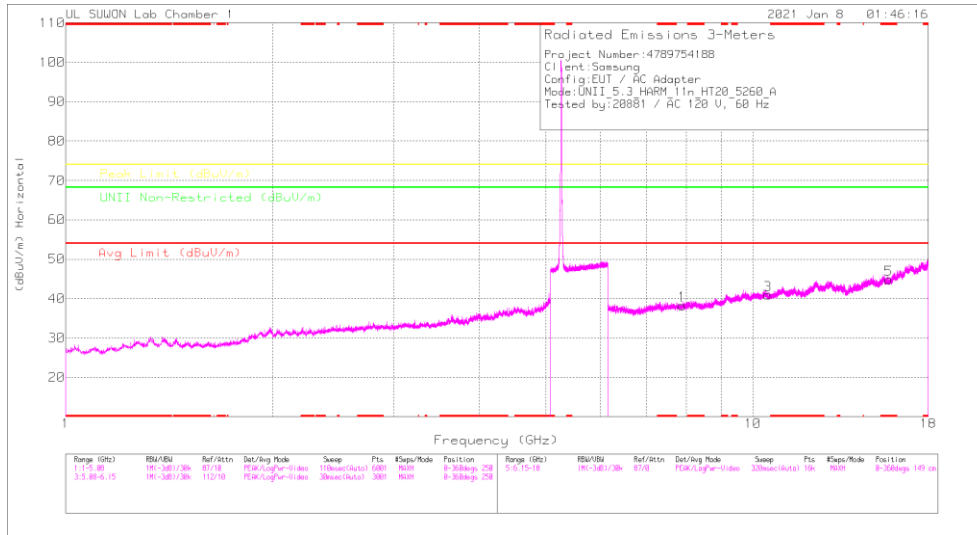
Trace Markers

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	* 5.35002	47.68	Pk	34.5	-17.7	0	64.48	-	-	74	-9.52	319	100	V
2	* 5.35308	49.99	Pk	34.5	-17.7	0	66.79	-	-	74	-7.21	319	100	V
3	* 5.35002	33.38	RMS	34.5	-17.7	.11	50.29	54	-3.71	-	-	319	100	V
4	* 5.35042	33.93	RMS	34.5	-17.7	.11	50.84	54	-3.16	-	-	319	100	V

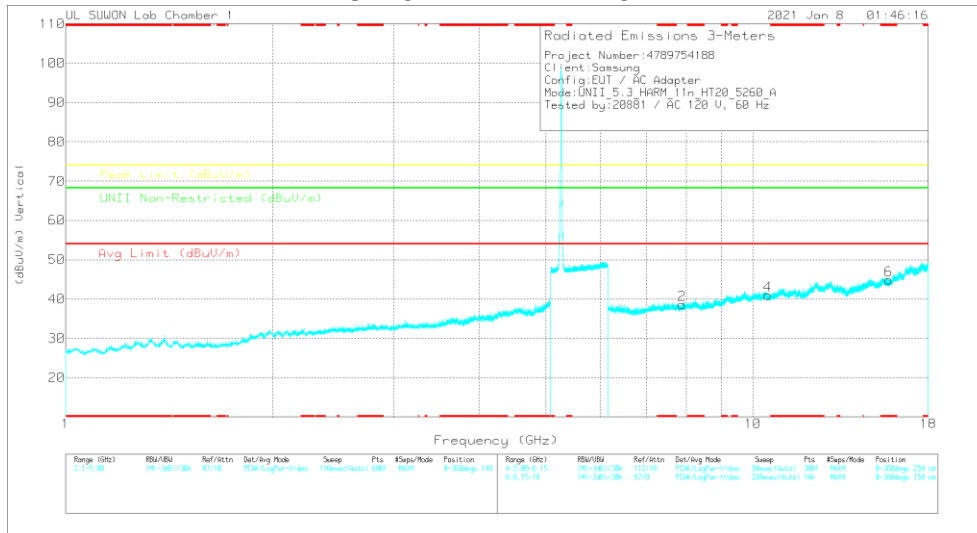
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

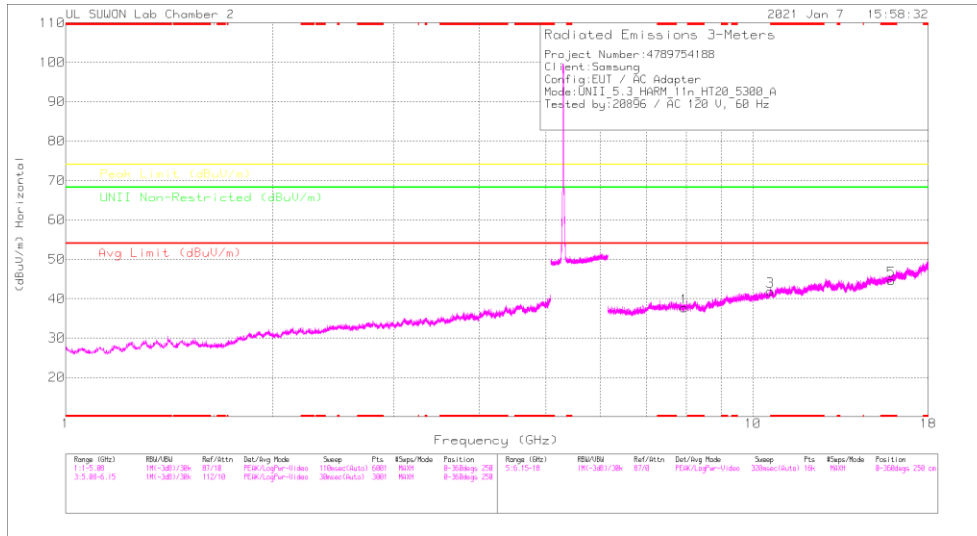
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_H(FPS)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restrictd (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
7.89161	39.55	PK-U	35.9	-26.4	0	49.05	-	-	-	-	68.2	-19.15	360	100	H
7.89162	39.65	PK-U	35.9	-26.4	0	49.15	-	-	-	-	68.2	-19.05	360	100	V
10.51979	36.39	PK-U	37.9	-22.6	0	51.69	-	-	-	-	68.2	-16.51	360	100	H
10.52062	37.07	PK-U	37.9	-22.6	0	52.37	-	-	-	-	68.2	-16.83	360	100	V
* 15.77923	36.7	PK-U	40.2	-21.1	0	55.8	-	-	74	-18.2	-	-	360	100	H
* 15.78192	36.85	PK-U	40.2	-21.1	0	55.95	-	-	74	-18.05	-	-	360	100	V

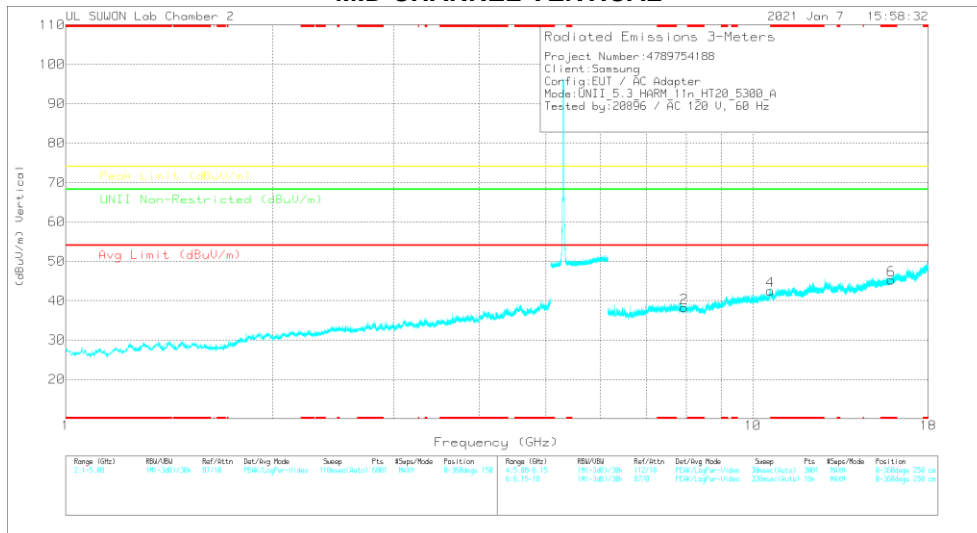
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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.

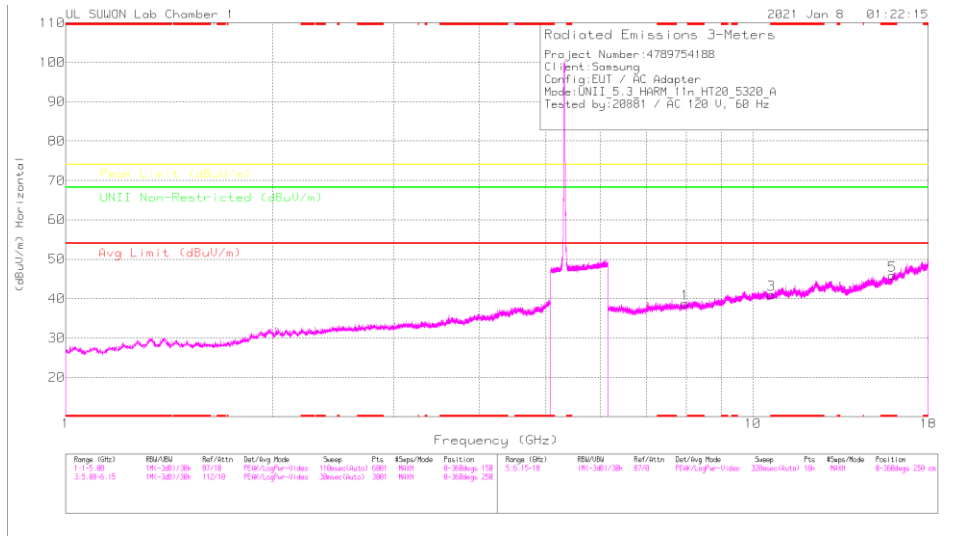
MID CHANNEL DATA

Radiated Emissions

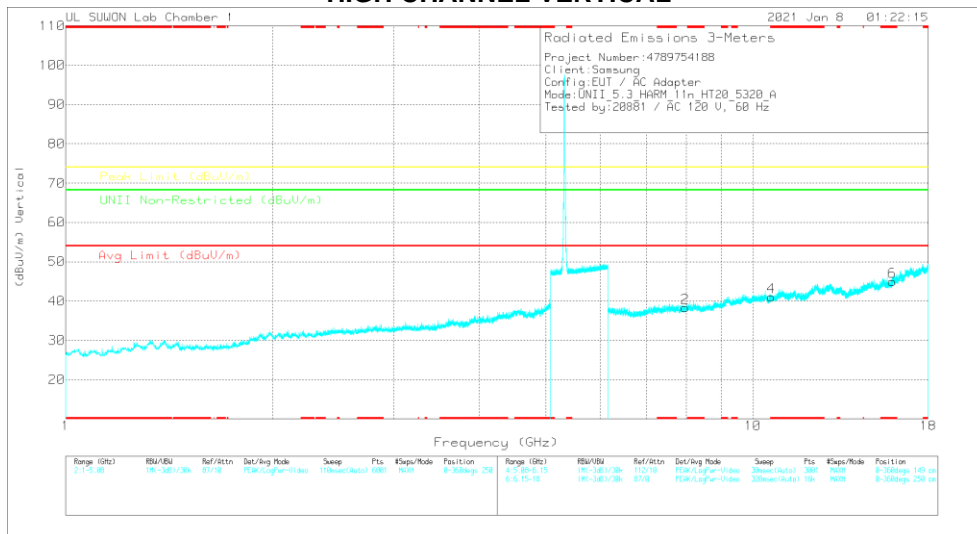
Frequency (GHz)	Max Reading (dBuV)	Det	317_30160724	@GHz_HF@dB	OC Cor (dB)	Corrected Reading (dBuV/m)	Avg Lim (dBuV/m)	Margin (dB)	Peak Lim (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
7.94956	36.47	PK-U	36	-23.2	0	49.27	-	-	-	-	68.2	-19.93	360	100	H
7.95139	35.8	PK-U	36	-23.2	0	48.6	-	-	-	-	68.2	-19.6	360	100	V
*10.6027	35.22	PK-U	37.9	-18.8	0	54.32	-	-	74	-19.68	-	-	140	106	H
*10.60024	22.47	ADR	37.9	-18.8	.11	41.68	54	-12.32	-	-	-	-	140	106	H
*10.6028	35.88	PK-U	37.9	-18.8	0	54.98	-	-	74	-19.02	-	-	288	104	V
*10.6001	23.09	ADR	37.9	-18.8	.11	42.3	54	-11.7	-	-	-	-	288	104	V
*15.90013	33.92	PK-U	40.5	-19	0	55.42	-	-	74	-18.58	-	-	0	100	H
*15.90236	34.1	PK-U	40.5	-19	0	55.6	-	-	74	-18.4	-	-	0	100	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

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_00168717	6GHz_HF[S]	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 (Degs)	Height (cm)	Polarity
7.97748	38.53	PK-U	36	-25.9	0	48.63	-	-	-	-	68.2	-19.57	360	100	H
7.97882	39.05	PK-U	36	-25.9	0	49.15	-	-	-	-	68.2	-19.05	360	100	V
*10.63937	36.56	PK-U	38	-22.2	0	52.36	-	74	-	-21.64	-	-	360	100	H
*10.64114	36.43	PK-U	38	-22	0	52.43	-	74	-	-21.57	-	-	360	100	V
*15.96185	36.36	PK-U	40.4	-20.8	0	55.96	-	74	-	-18.04	-	-	360	100	H
*15.96132	36.54	PK-U	40.4	-20.8	0	56.14	-	74	-	-17.86	-	-	360	100	V

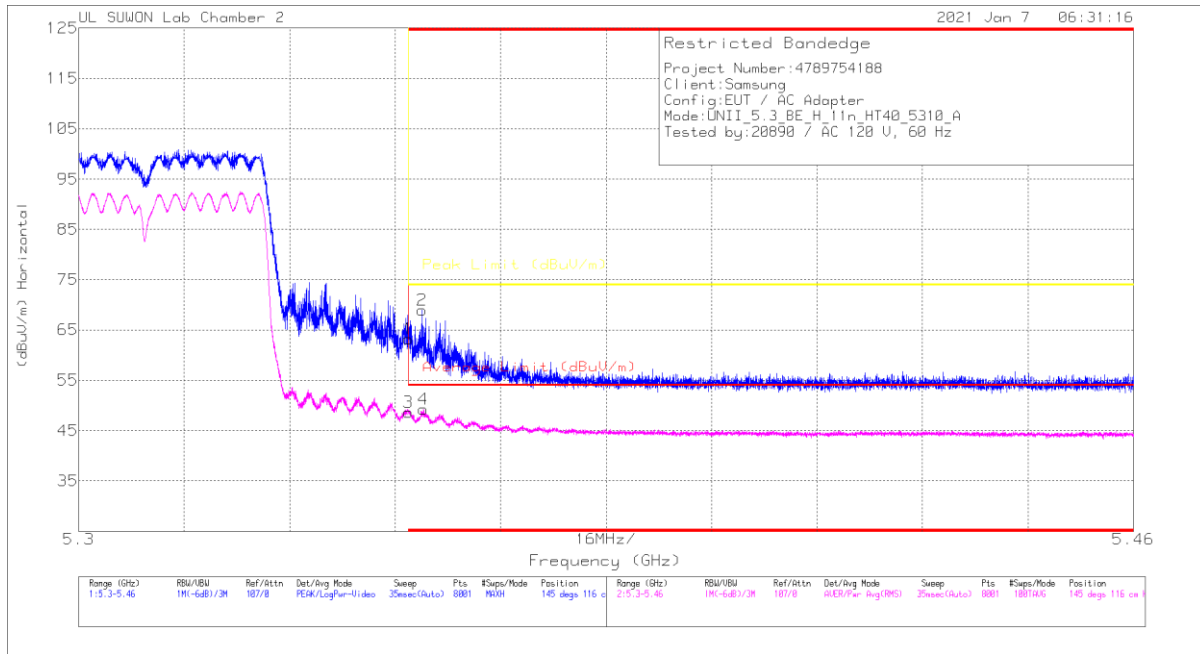
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.2.3. TX ABOVE 1GHz 802.11n HT40 2Tx MODE IN THE 5.3GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

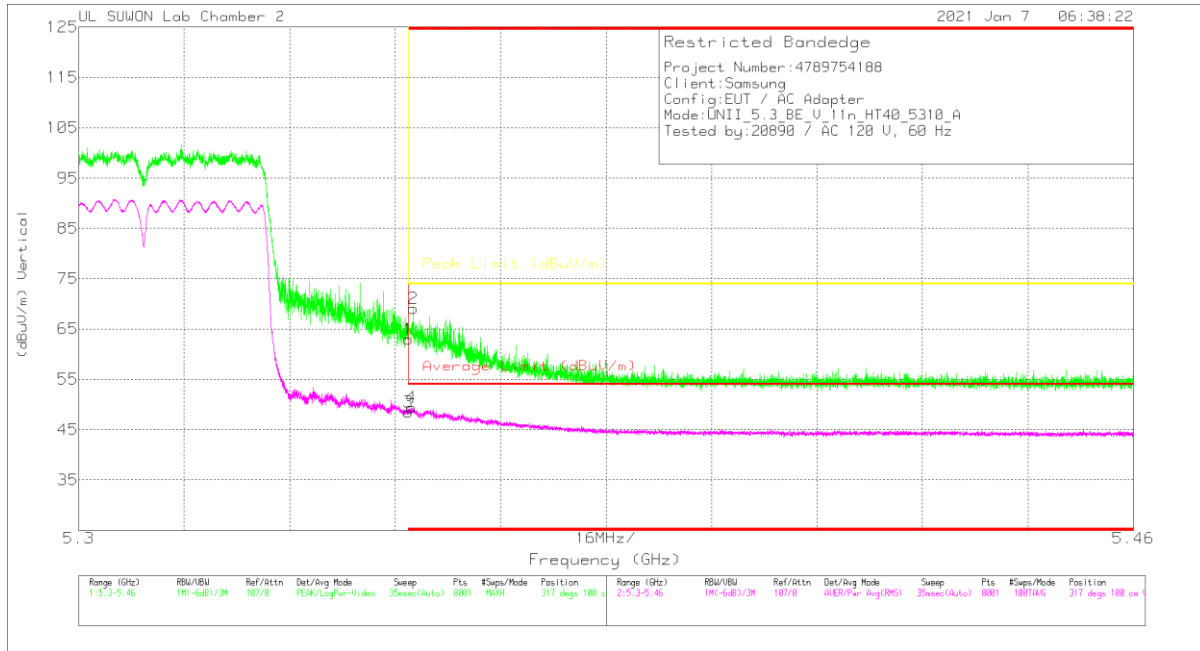
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	46.39	PK	34.5	-17.7	0	63.19	-	-	74	-10.81	145	116	H
2	* 5.3521	52.13	PK	34.5	-17.7	0	68.93	-	-	74	-5.07	145	116	H
3	* 5.35002	31.72	RMS	34.5	-17.7	.12	48.64	54	-5.36	-	-	145	116	H
4	* 5.3523	32.37	RMS	34.5	-17.7	.12	49.29	54	-4.71	-	-	145	116	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	* 5.35002	46.22	Pk	34.5	-17.7	0	63.92	-	-	74	-10.98	317	100	V
2	* 5.35074	52.29	Pk	34.5	-17.7	0	69.09	-	-	74	-4.91	317	100	V
3	* 5.35002	31.59	RMS	34.5	-17.7	.12	48.51	54	-5.49	-	-	317	100	V
4	* 5.35046	32.46	RMS	34.5	-17.7	.12	49.38	54	-4.62	-	-	317	100	V

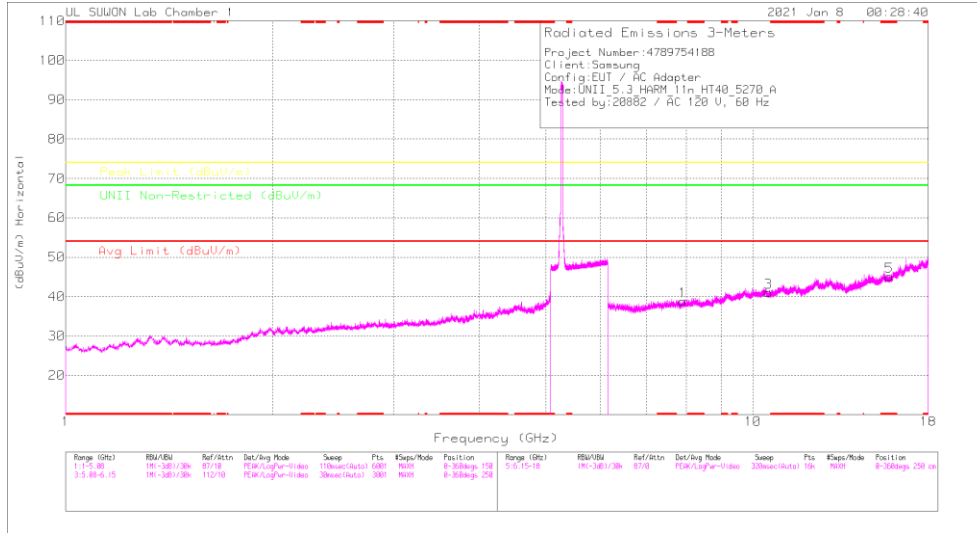
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

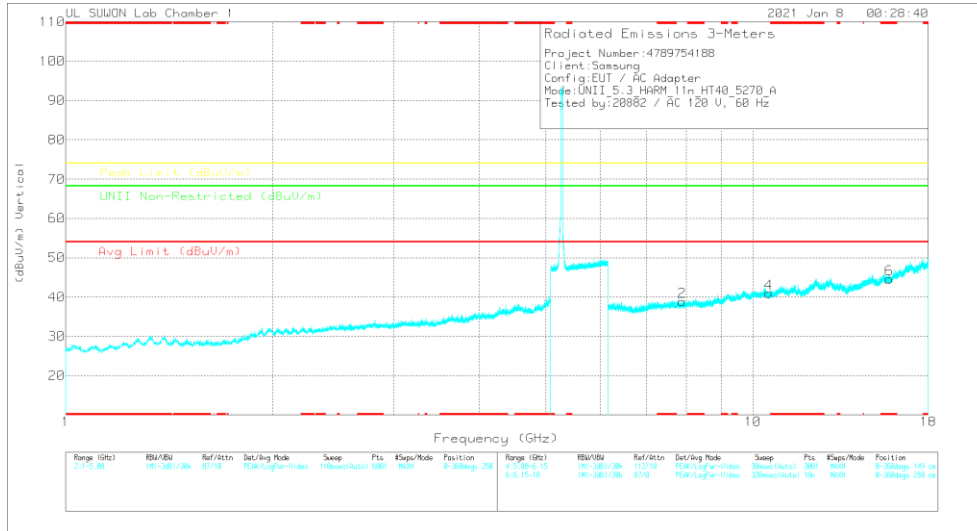
RMS - RMS detection

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.

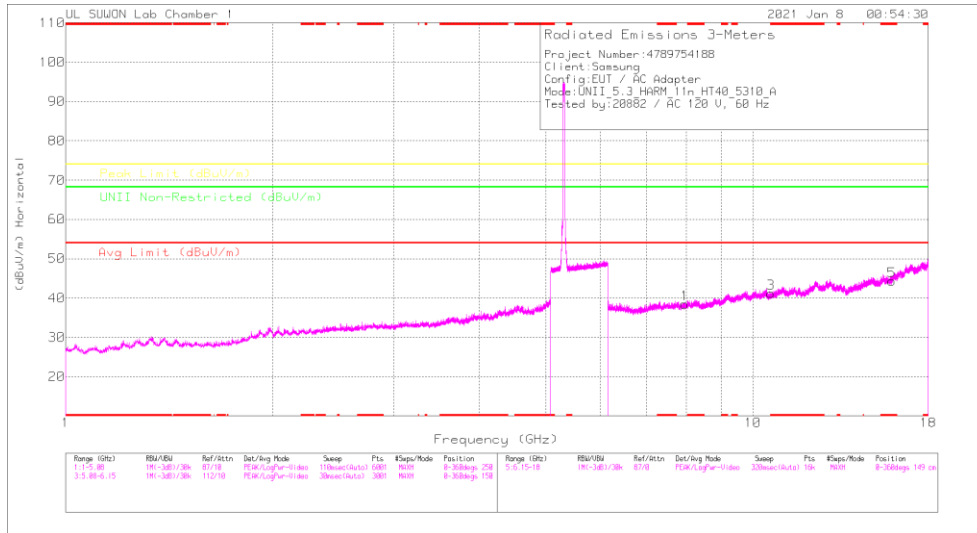
LOW CHANNEL DATA

Radiated Emissions

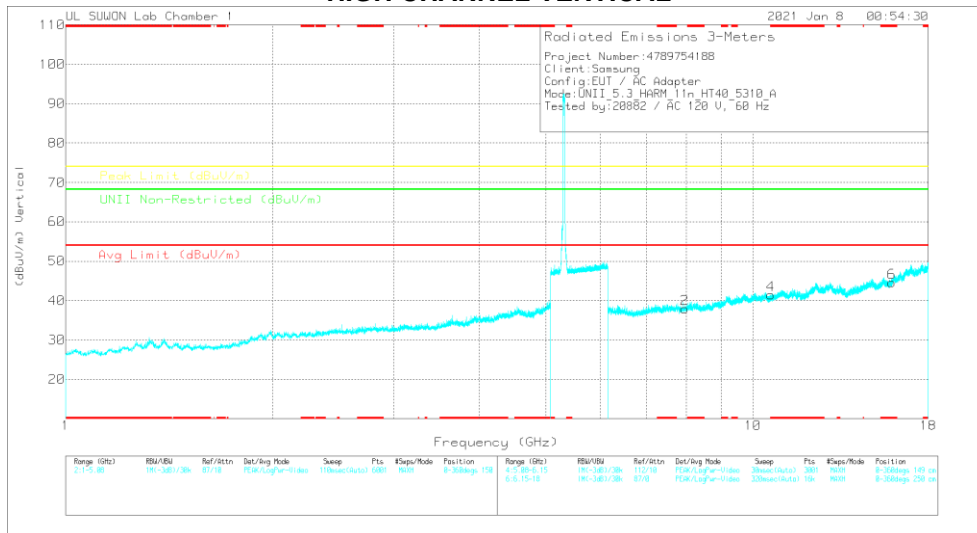
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HPS(S)	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Meters)	Height (cm)	Polarity
7.91288	39.28	PK-U	35.9	-26.4	0	48.78	-	-	-	-	68.2	-19.42	360	100	H
7.91302	39.55	PK-U	35.9	-26.4	0	49.05	-	-	-	-	68.2	-19.15	360	100	V
10.5358	37.05	PK-U	37.9	-22.6	0	52.35	-	-	-	-	68.2	-15.85	360	100	H
10.53583	36.12	PK-U	37.9	-22.6	0	51.42	-	-	-	-	68.2	-16.78	360	100	V
*15.80709	36.25	PK-U	40.2	-21.2	0	55.25	-	-	74	-18.75	-	-	360	100	H
*15.81057	36.97	PK-U	40.2	-21.1	0	56.07	-	-	74	-17.93	-	-	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

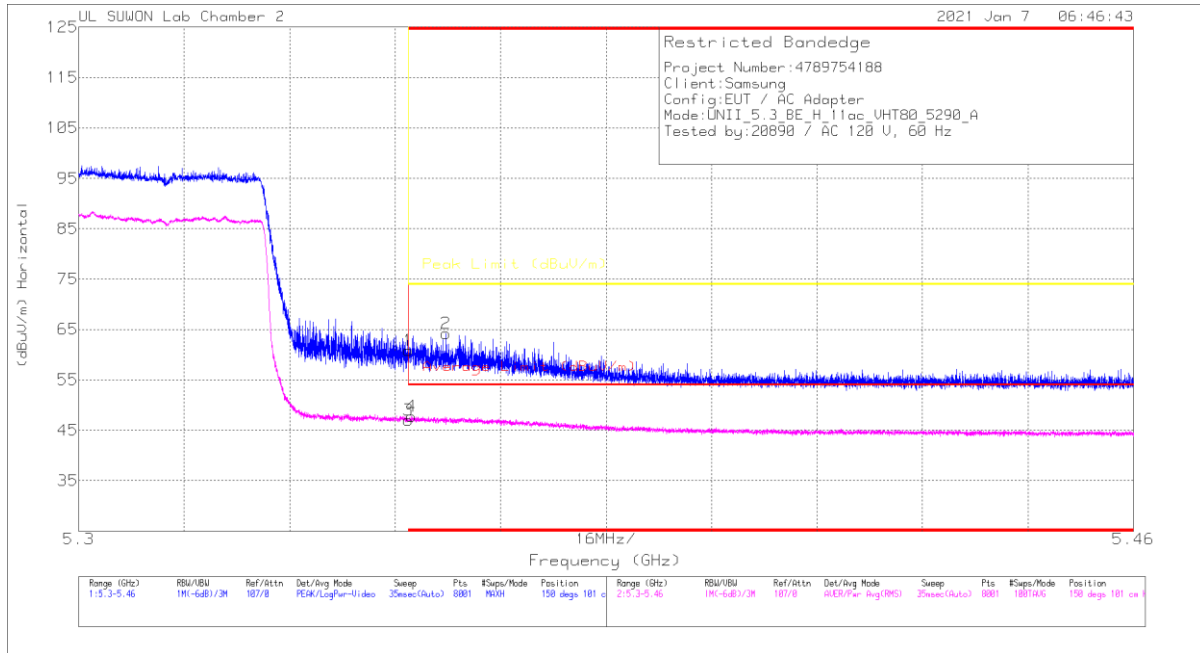
Frequency (GHz)	Max Reading (dBuV)	Dev	0117_00168717	SQL_HF(S)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Deg)	Height (cm)	Polarity
7.96761	39.04	PK-U	36	-25.9	0	49.14	-	-	-	-	68.2	-18.06	360	100	H
7.96752	39.06	PK-U	36	-25.9	0	49.16	-	-	-	-	68.2	-18.04	360	100	V
*10.61989	36.39	PK-U	38	-22.3	0	52.09	-	-	74	-21.91	-	-	360	100	H
*10.61908	36.02	PK-U	38	-22.3	0	51.72	-	-	74	-22.28	-	-	360	100	V
*15.93	35.95	PK-U	40.3	-20.9	0	55.35	-	-	74	-18.65	-	-	360	100	H
*15.93082	35.87	PK-U	40.3	-21	0	55.17	-	-	74	-18.83	-	-	360	100	V

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

11.2.4. TX ABOVE 1GHz 802.11ac VHT80 2Tx MODE IN THE 5.3GHz BAND

RESTRICTED BANDEDGE (High CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

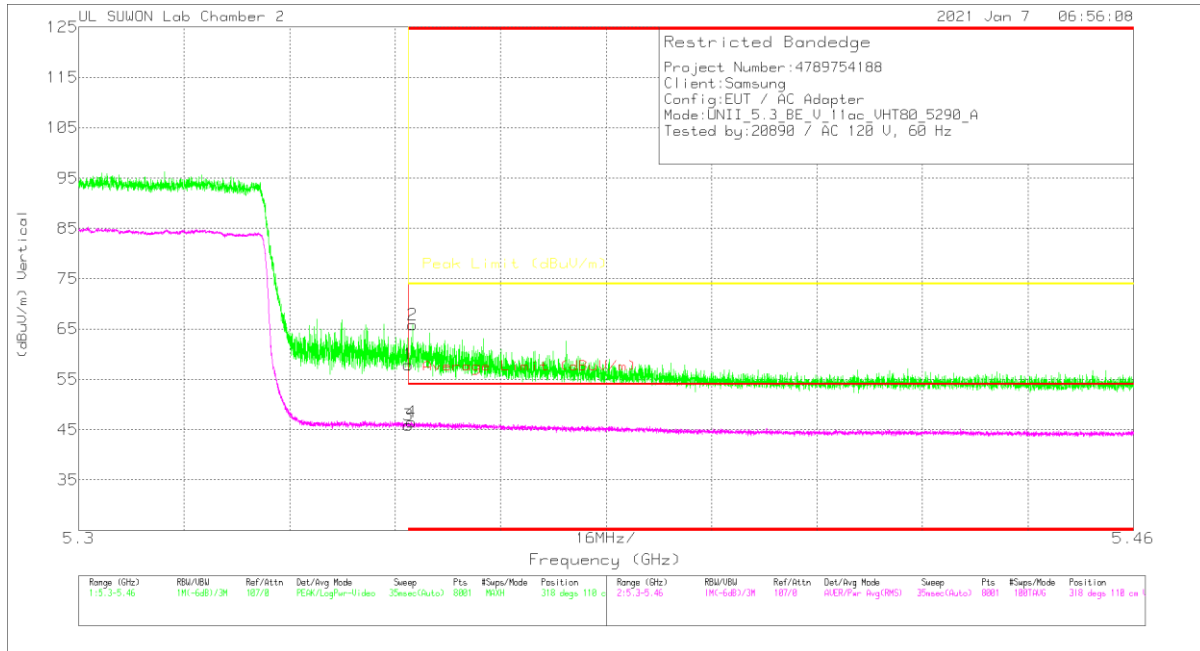
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	44.04	Pk	34.5	-17.7	0	60.84	-	-	74	-13.16	150	101	H
2	* 5.35568	47.47	Pk	34.5	-17.7	0	64.27	-	-	74	-9.73	150	101	H
3	* 5.35002	30.11	RMS	34.5	-17.7	.2	47.11	54	-6.89	-	-	150	101	H
4	* 5.3505	30.78	RMS	34.5	-17.7	.2	47.78	54	-6.22	-	-	150	101	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



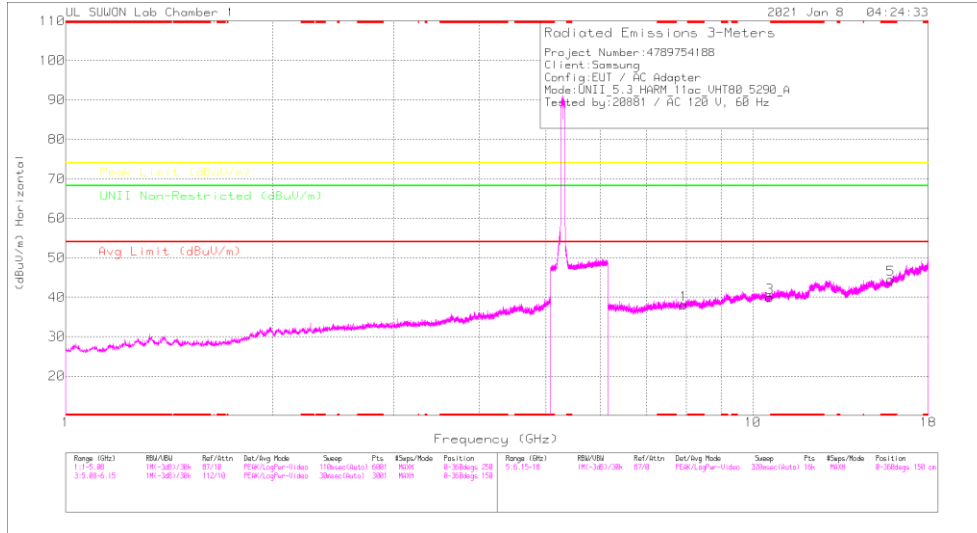
Trace Markers

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	* 5.35002	41.12	Pk	34.5	-17.7	0	57.92	-	-	74	-16.08	318	110	V
2	* 5.35068	49.06	Pk	34.5	-17.7	0	65.86	-	-	74	-8.14	318	110	V
3	* 5.35002	28.98	RMS	34.5	-17.7	-2	45.98	54	-8.02	-	-	318	110	V
4	* 5.35048	29.61	RMS	34.5	-17.7	-2	46.61	54	-7.39	-	-	318	110	V

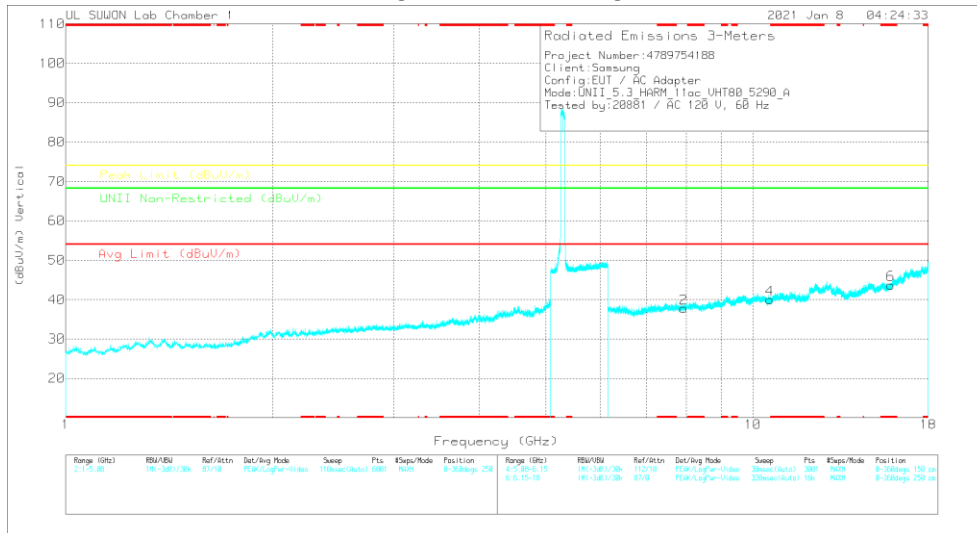
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

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

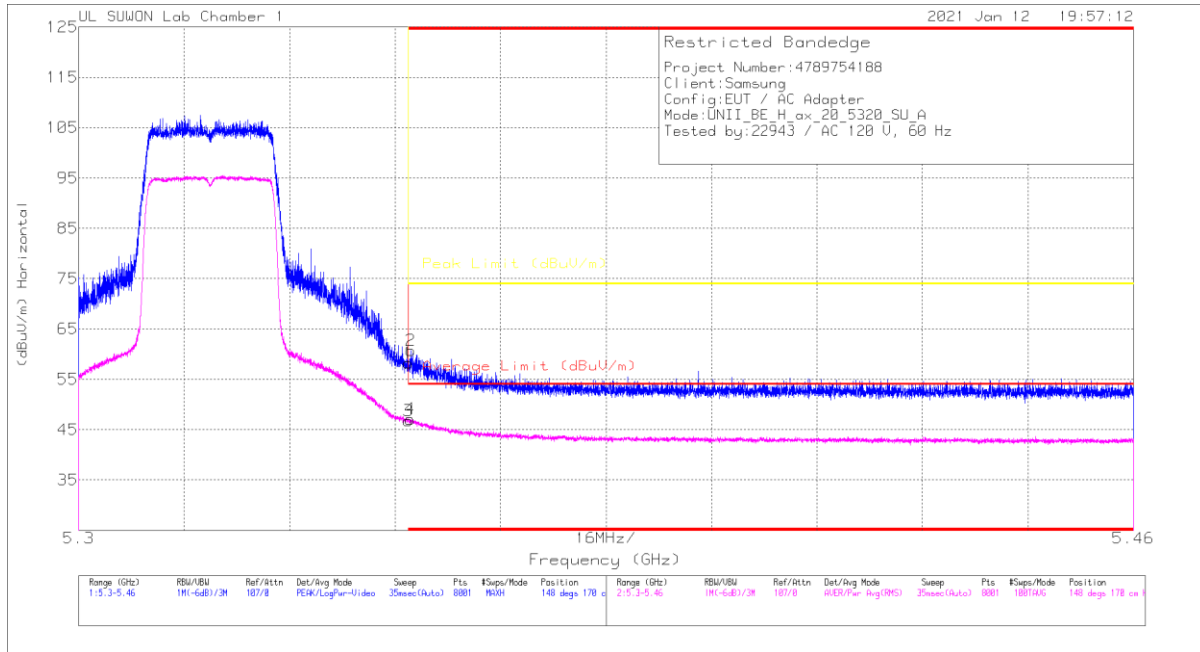
Frequency (GHz)	Meter Reading (dBuV)	Det	317_00168717	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
7.93583	39.61	PK-U	35.9	-26.2	0	49.31	-	-	-	-	68.2	-18.89	360	100	H
7.93637	38.96	PK-U	35.9	-26.2	0	48.66	-	-	-	-	68.2	-19.54	360	100	V
10.57929	36.73	PK-U	37.9	-22.7	0	51.93	-	-	-	-	68.2	-16.27	360	100	H
10.58043	36.27	PK-U	37.9	-22.7	0	51.47	-	-	-	-	68.2	-16.73	360	100	V
*15.86895	36.46	PK-U	40.3	-20.9	0	55.86	-	-	74	-18.14	-	-	360	100	H
*15.872	36.18	PK-U	40.3	-20.9	0	55.58	-	-	74	-18.42	-	-	360	100	V

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

11.2.5.TX ABOVE 1GHz 802.11ax HE20(SU) 2Tx MODE IN 5.3GHz BAND

RESTRICTED BANDEGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

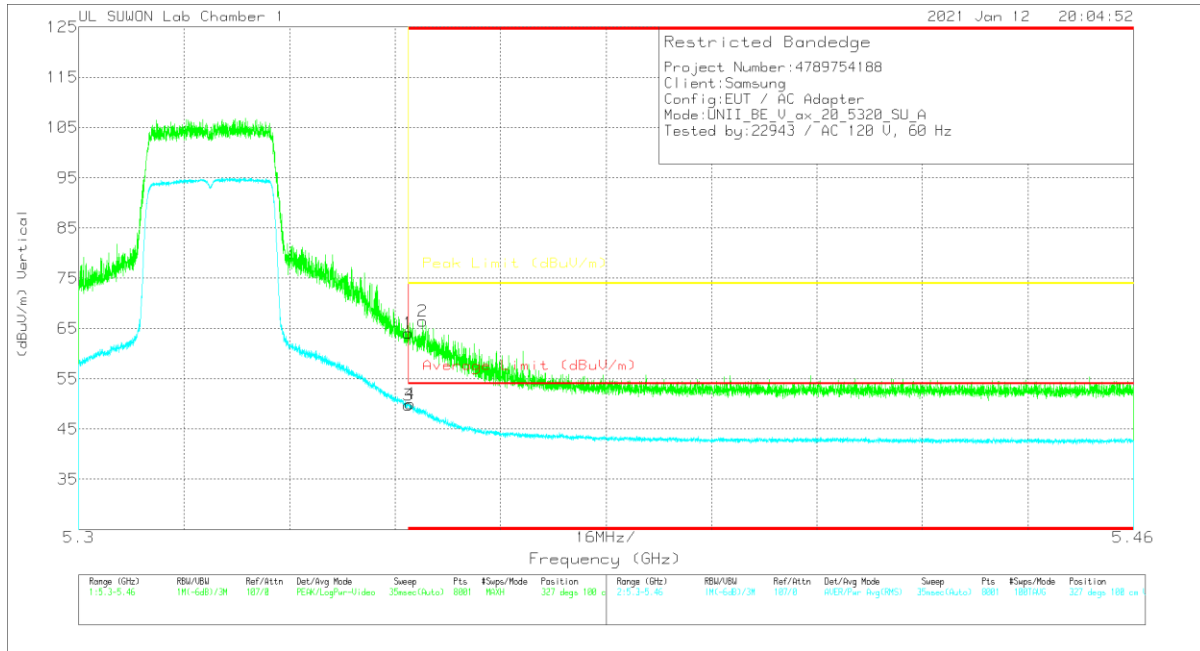
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117.00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	45.2	Pk	34.5	-21.5	0	58.2	-	-	74	-15.8	148	170	H
2	* 5.35042	47.83	Pk	34.5	-21.6	0	60.73	-	-	74	-13.27	148	170	H
3	* 5.35002	33.69	RMS	34.5	-21.5	.1	46.79	54	-7.21	-	-	148	170	H
4	* 5.35024	34.08	RMS	34.5	-21.6	.1	47.08	54	-6.92	-	-	148	170	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

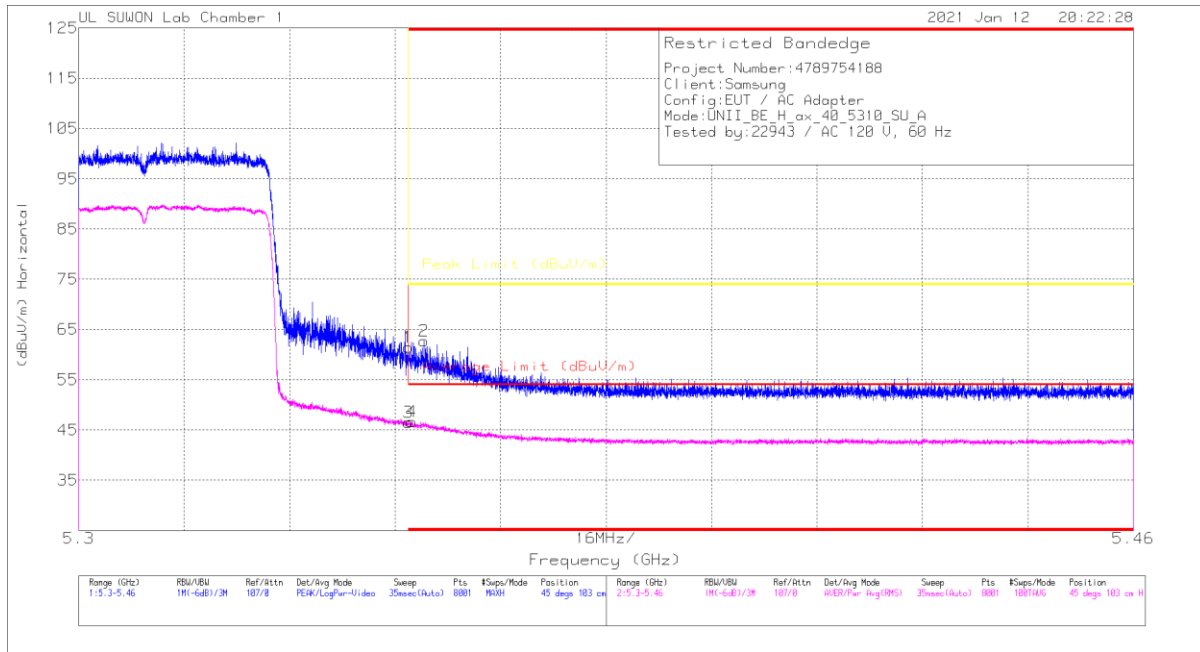
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	51.14	Pk	34.5	-21.5	0	64.14	-	-	74	-9.86	327	100	V
2	* 5.35216	53.41	Pk	34.5	-21.4	0	66.51	-	-	74	-7.49	327	100	V
3	* 5.35002	36.68	RMS	34.5	-21.5	.1	49.78	54	-4.22	-	-	327	100	V
4	* 5.3503	37.03	RMS	34.5	-21.6	.1	50.03	54	-3.97	-	-	327	100	V

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

11.2.6. TX ABOVE 1GHz 802.11ax HE40(SU) 2Tx MODE IN 5.3GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

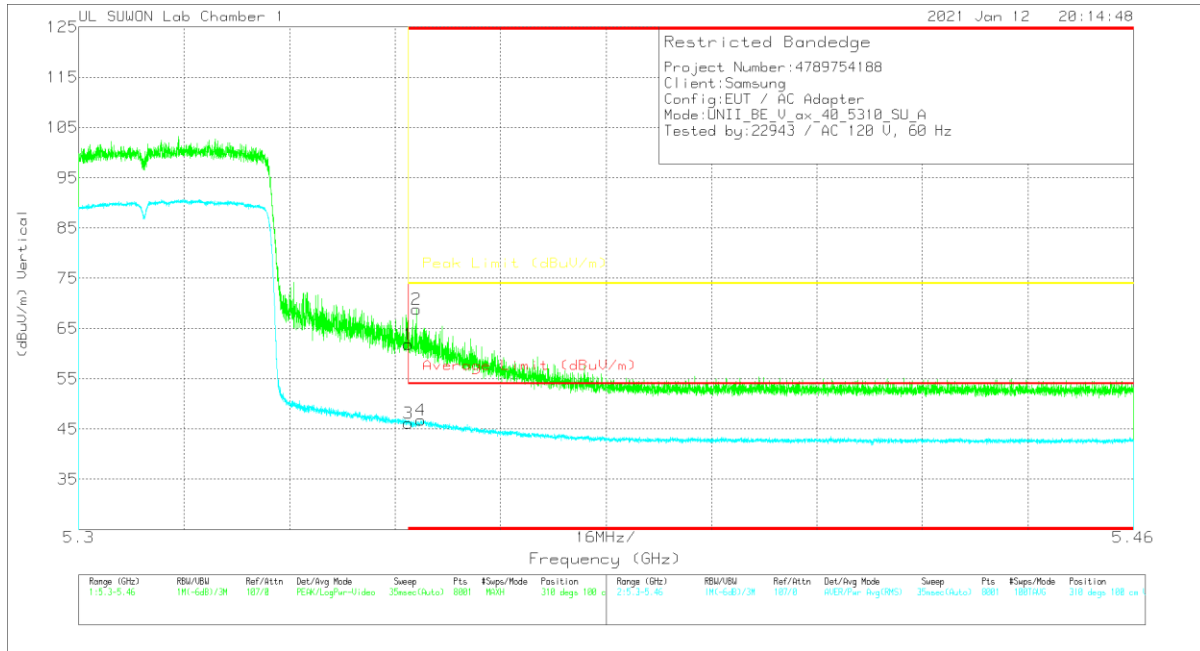


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 5.35002	48.51	Pk	34.5	-21.5	0	61.51	-	-	74	-12.49	45	103	H
2	* 5.3524	49.59	Pk	34.5	-21.4	0	62.69	-	-	74	-11.31	45	103	H
3	* 5.35002	33.45	RMS	34.5	-21.5	.1	46.55	54	-7.45	-	-	45	103	H
4	* 5.35052	33.64	RMS	34.5	-21.6	.1	46.64	54	-7.36	-	-	45	103	H

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

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

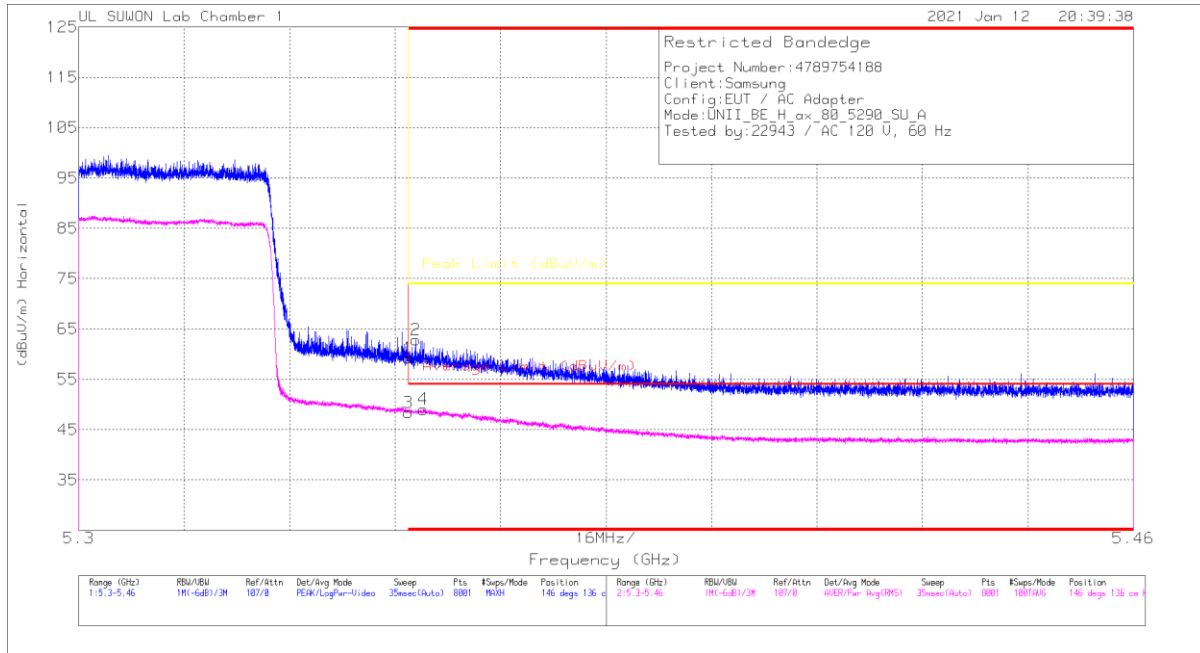
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	48.89	Pk	34.5	-21.5	0	61.89	-	-	74	-12.11	310	100	V
2	* 5.35126	55.85	Pk	34.5	-21.5	0	68.85	-	-	74	-5.15	310	100	V
3	* 5.35002	33.06	RMS	34.5	-21.5	-1	46.16	54	-7.84	-	-	310	100	V
4	* 5.35194	33.64	RMS	34.5	-21.5	-1	46.74	54	-7.26	-	-	310	100	V

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

11.2.7. TX ABOVE 1GHz 802.11ax HE80(SU) 2Tx MODE IN 5.3GHz BAND

RESTRICTED BANDEDGE (High CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

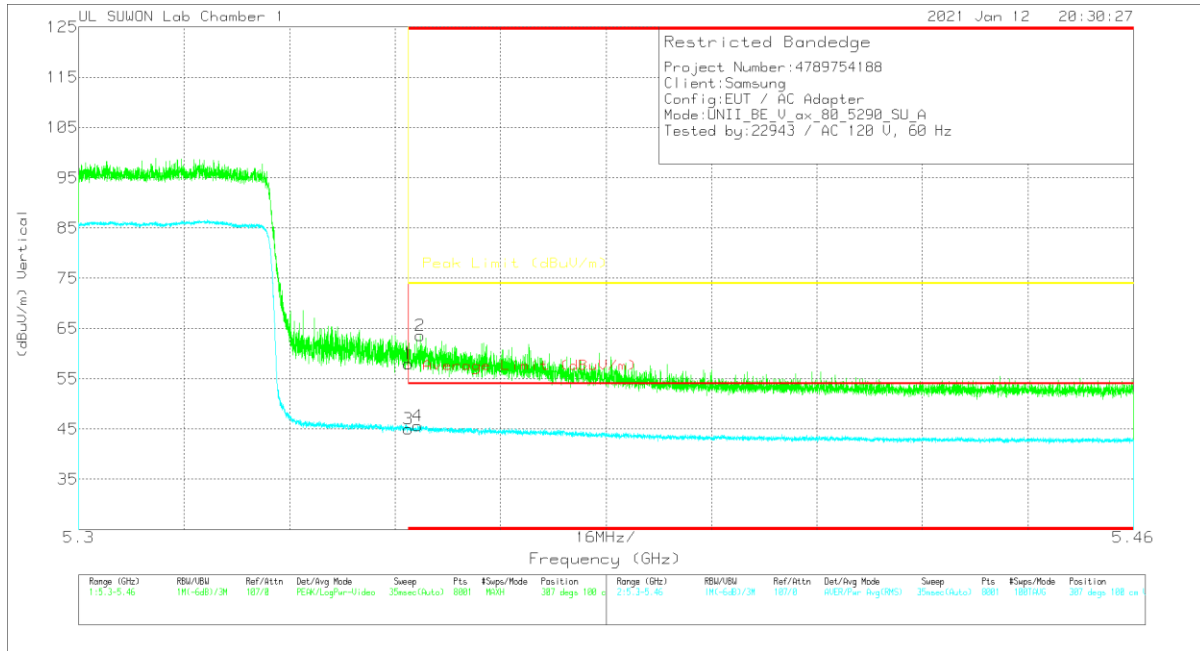


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	46.26	Pk	34.5	-21.5	0	59.26	-	-	74	-14.74	146	136	H
2	* 5.3511	49.87	Pk	34.5	-21.5	0	62.87	-	-	74	-11.13	146	136	H
3	* 5.35002	35.29	RMS	34.5	-21.5	.1	48.39	54	-5.61	-	-	146	136	H
4	* 5.35232	35.87	RMS	34.5	-21.4	.1	49.07	54	-4.93	-	-	146	136	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_00168717	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	* 5.35002	45.01	Pk	34.5	-21.5	0	58.01	-	-	74	-15.99	307	100	V
2	* 5.35178	50.55	Pk	34.5	-21.5	0	63.55	-	-	74	-10.45	307	100	V
3	* 5.35002	31.9	RMS	34.5	-21.5	.1	45	54	-9	-	-	307	100	V
4	* 5.35146	32.51	RMS	34.5	-21.5	.1	45.61	54	-8.39	-	-	307	100	V

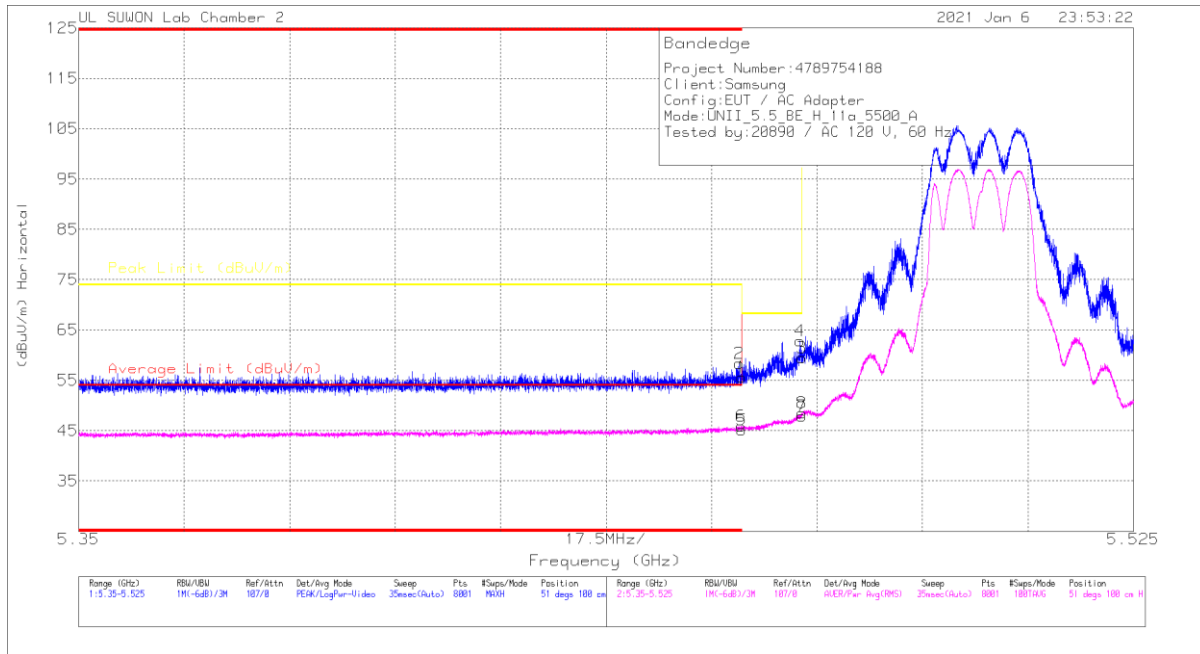
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

11.3. 5.5-5.6 GHz

11.3.1. TX ABOVE 1 GHz 802.11a 2Tx MODE IN THE 5.5 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

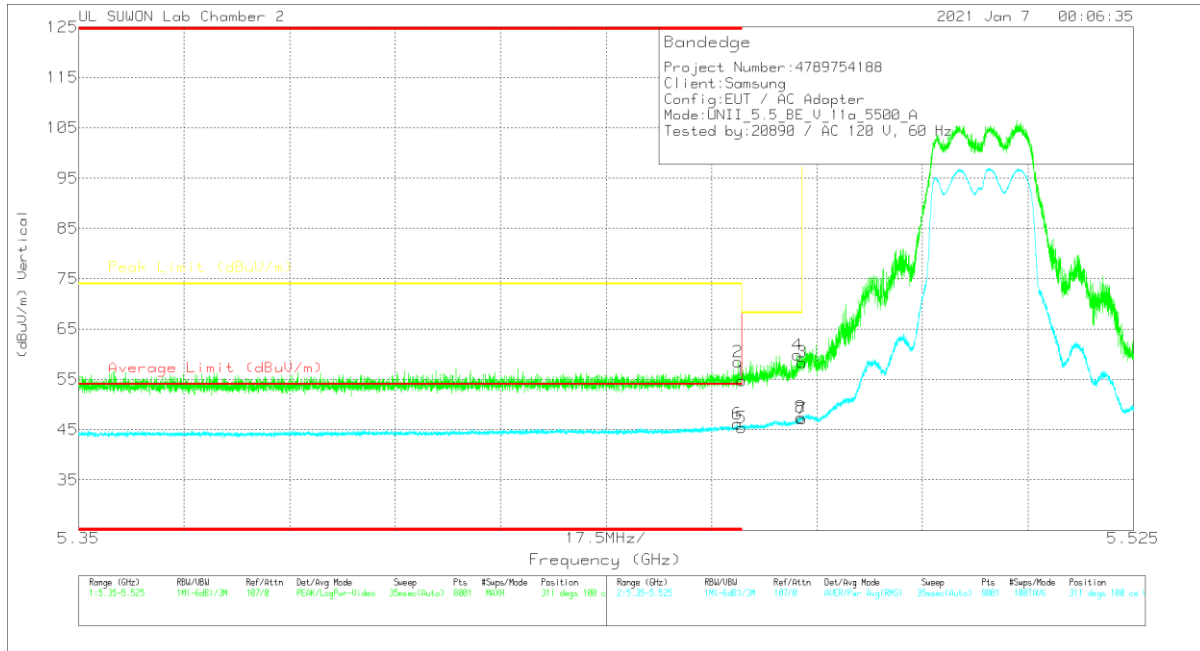
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	38.72	Pk	34.6	-17.7	0	55.62	-	-	74	-18.38	51	100	H
2	* 5.45955	41.4	Pk	34.6	-17.6	0	58.4	-	-	74	-15.6	51	100	H
3	5.46998	42.59	Pk	34.6	-17.7	0	59.49	-	-	68.2	-8.71	51	100	H
4	5.46963	45.93	Pk	34.6	-17.7	0	62.83	-	-	68.2	-5.37	51	100	H
5	* 5.45999	28.11	RMS	34.6	-17.7	.11	45.12	54	-8.88	-	-	51	100	H
6	* 5.45988	28.83	RMS	34.6	-17.7	.11	45.84	54	-8.16	-	-	51	100	H
7	5.46998	30.91	RMS	34.6	-17.7	.11	47.92	-	-	-	-	51	100	H
8	5.46994	31.46	RMS	34.6	-17.7	.11	48.47	-	-	-	-	51	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	37.86	Pk	34.6	-17.7	0	54.76	-	-	74	-19.24	311	100	V
2	* 5.45942	41.49	Pk	34.6	-17.6	0	58.49	-	-	74	-15.51	311	100	V
3	5.46998	41.52	Pk	34.6	-17.7	0	58.42	-	-	68.2	-9.78	311	100	V
4	5.46922	42.91	Pk	34.6	-17.7	0	59.81	-	-	68.2	-8.39	311	100	V
5	* 5.45999	28.43	RMS	34.6	-17.7	.11	45.44	54	-8.56	-	-	311	100	V
6	* 5.45931	29.01	RMS	34.6	-17.6	.11	46.12	54	-7.88	-	-	311	100	V
7	5.46998	30.11	RMS	34.6	-17.7	.11	47.12	-	-	-	-	311	100	V
8	5.46981	30.44	RMS	34.6	-17.7	.11	47.45	-	-	-	-	311	100	V

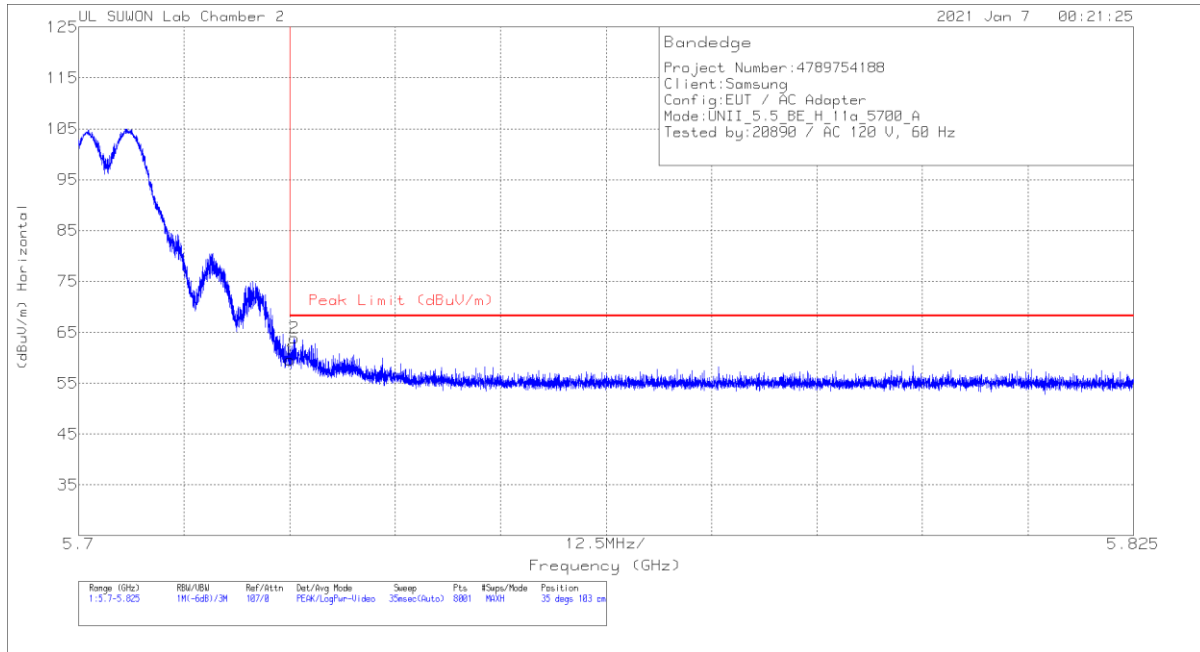
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

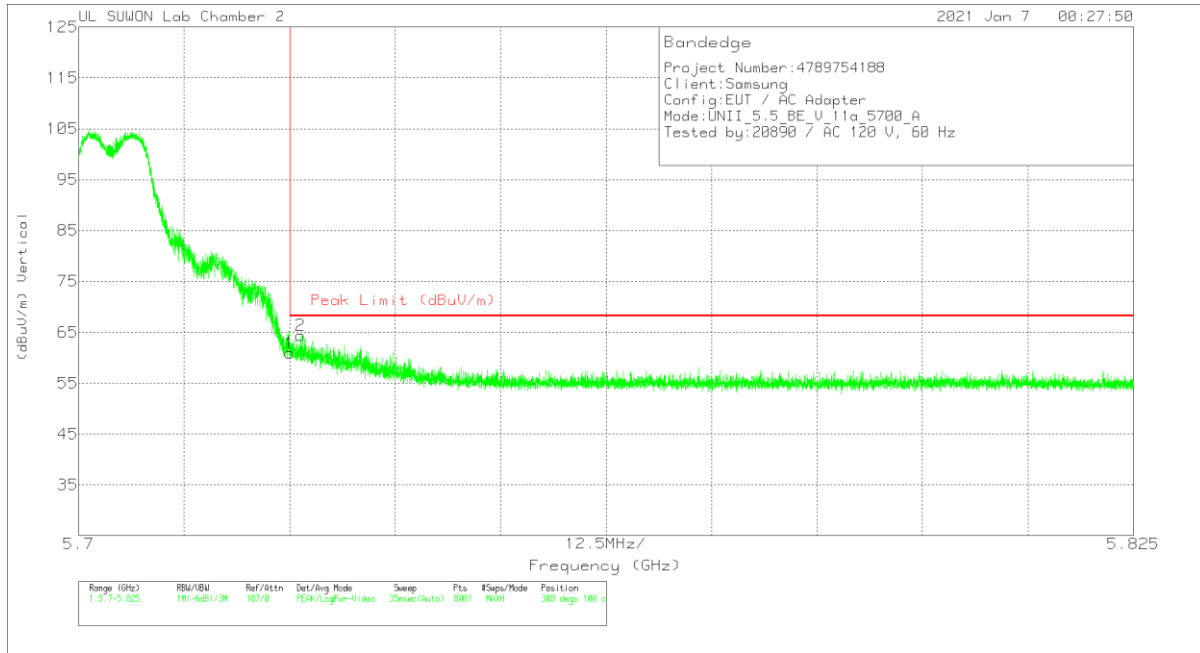


Trace Markers

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	42	Pk	34.7	-17.1	0	59.6	68.2	-8.6	35	103	H
2	5.72555	46.33	Pk	34.7	-17.1	0	63.93	68.2	-4.27	35	103	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



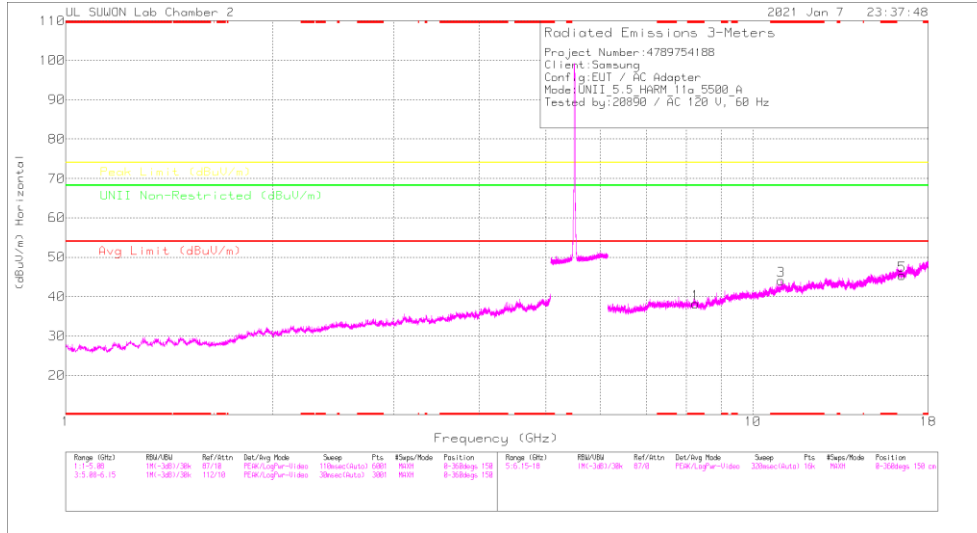
Trace Markers

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	43.35	Pk	34.7	-17.1	0	60.95	68.2	-7.25	308	100	V
2	5.72625	46.8	Pk	34.7	-17.1	0	64.4	68.2	-3.8	308	100	V

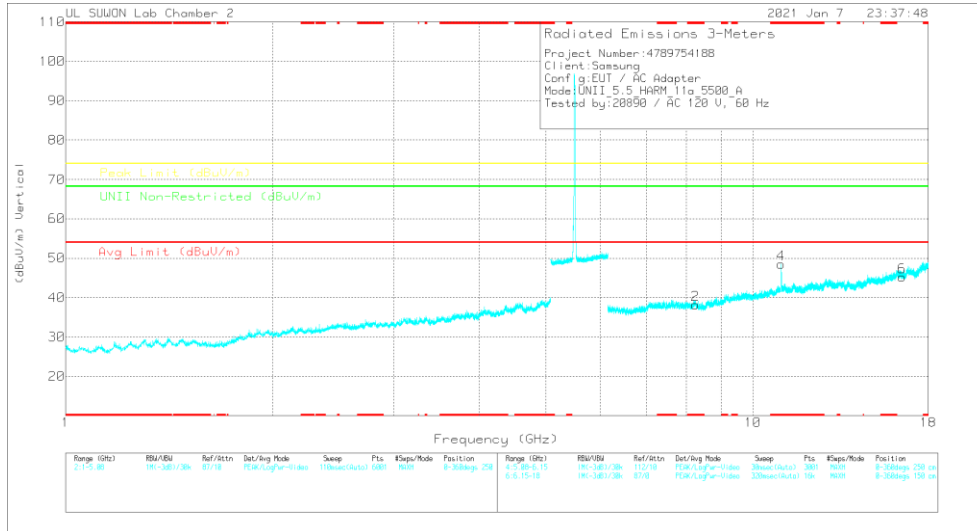
Pk - Peak detector

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

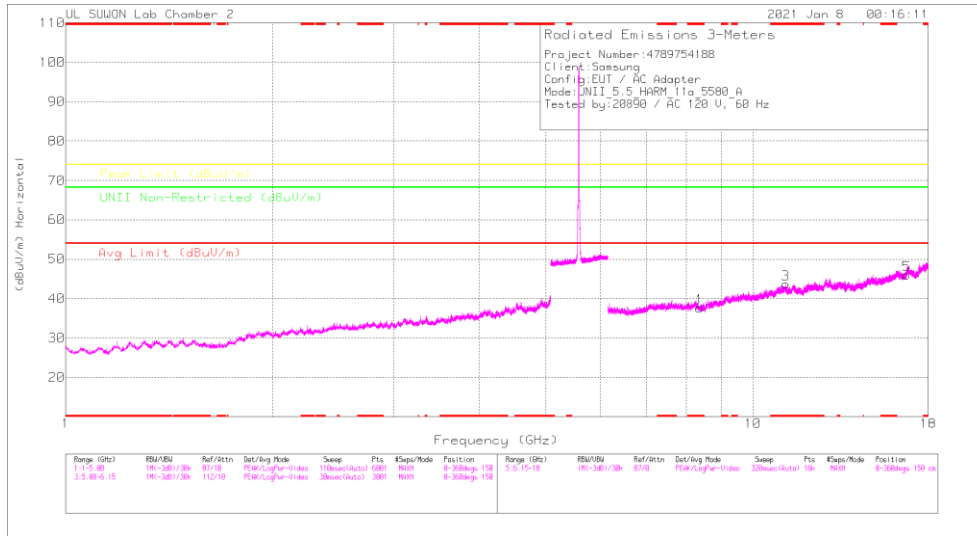
Frequency (GHz)	Meas Reading (dBm)	Det	317_06168724	6GHz_HPS(B)	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restrictd (dBuV/m)	Margin (dB)	Altitude (ft)	Height (m)	Polarity
* 8.24488	35.81	PK-U	35.9	-22.3	0	48.41	-	-	74	-24.59	-	-	0	100	H
* 8.24436	35.49	PK-U	35.9	-22.3	0	49.09	-	-	74	-24.91	-	-	0	100	V
* 11.00259	38.03	PK-U	38.2	-19.8	0	56.43	-	-	74	-17.57	-	-	302	100	H
* 10.99959	25.05	ADR	38.2	-19.7	-11	43.66	54	-10.34	-	-	-	-	302	100	H
* 11.00159	42.88	PK-U	38.2	-19.7	0	61.38	-	-	74	-12.62	-	-	280	100	V
* 10.99989	30.88	ADR	38.2	-19.7	-11	49.49	54	-4.51	-	-	-	-	280	100	V
16.49218	35.18	PK-U	40.8	-19.4	0	56.58	-	-	-	-	68.2	-11.62	360	100	H
16.49715	35.23	PK-U	40.8	-19.5	0	56.53	-	-	-	-	68.2	-11.67	360	100	V

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

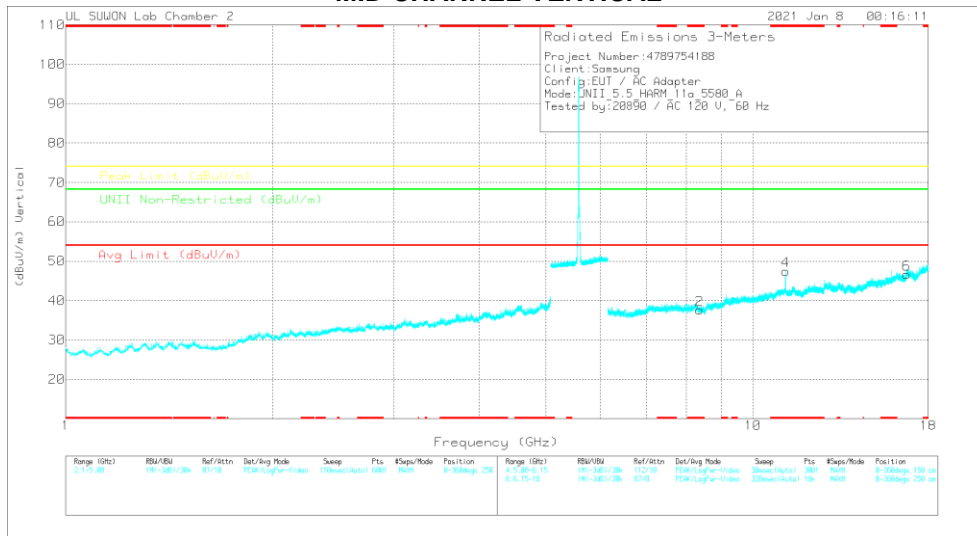
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

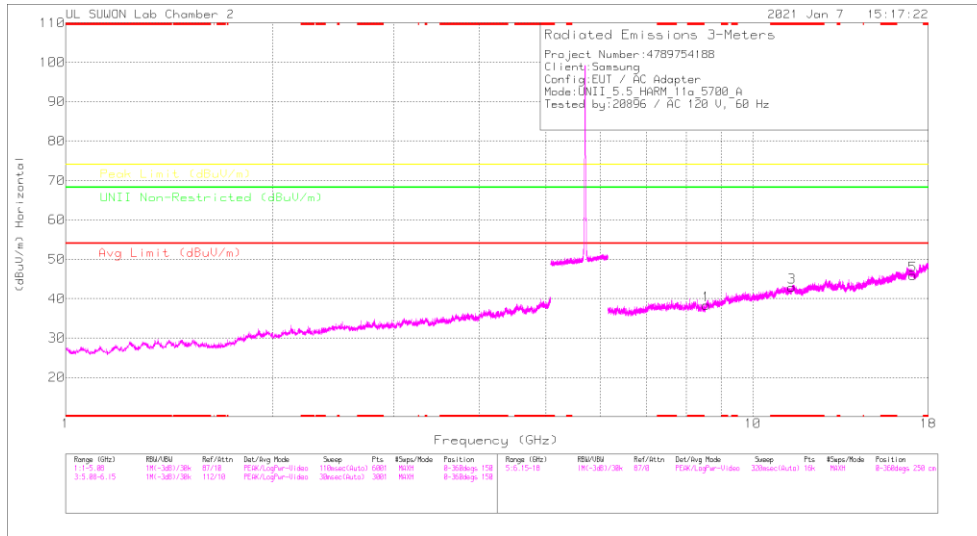
Frequency (GHz)	Main Reading (dBm)	Det	317_00168724	6GHz_HF[5B]	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (feet)	Height (feet)	Polarity
* 8.37638	35.1	PKU	36	-23	0	48.1	-	-	74	-25.9	-	-	360	100	H
* 8.37889	35.14	PKU	36	-22.9	0	48.24	-	-	74	-25.76	-	-	360	100	V
* 11.15626	37.63	PKU	38.3	-19	0	56.93	-	-	74	-17.07	-	-	294	102	H
* 11.15904	25.04	ADR	38.3	-19	.11	44.45	54	-9.55	-	-	-	-	294	102	H
* 11.1616	42.07	PKU	38.3	-19.1	0	61.27	-	-	74	-12.73	-	-	281	104	V
* 11.1611	28.74	ADR	38.3	-19	.11	49.15	54	-4.85	-	-	-	-	281	104	V
16.73555	34.69	PKU	41.1	-18.9	0	56.89	-	-	-	-	68.2	-11.31	360	100	H
16.73356	34.79	PKU	41.1	-18.8	0	57.09	-	-	-	-	68.2	-11.11	360	100	V

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

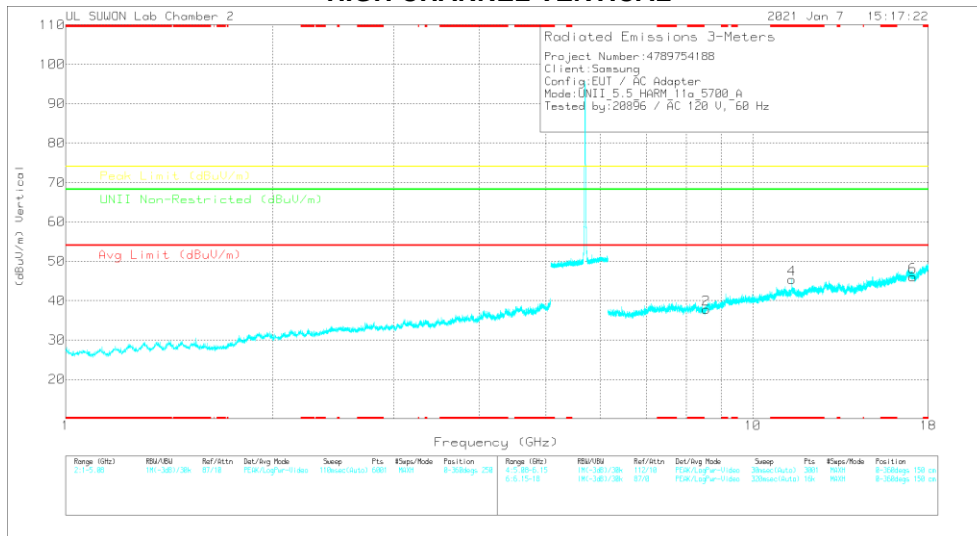
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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_HPS(S)	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 (m)	Polarity
8.55106	34.96	PK-U	36.1	-21.6	0	49.46	-	-	-	-	68.2	-18.74	0	100	H
8.55121	34.93	PK-U	36.1	-21.6	0	49.43	-	-	-	-	68.2	-18.77	0	100	V
* 11.40945	35.96	PK-U	38.3	-19.4	0	54.86	-	-	74	-19.14	-	-	188	103	H
* 11.40048	22.84	ADR	38.3	-19.4	.11	41.85	54	-12.15	-	-	-	-	188	103	H
* 11.39605	38.78	PK-U	38.3	-19.4	0	57.68	-	-	74	-16.32	-	-	216	102	V
* 11.40123	26.99	ADR	38.3	-19.5	.11	45.9	54	-8.1	-	-	-	-	216	102	V
17.10284	34.93	PK-U	41	-18.2	0	57.73	-	-	-	-	68.2	-10.47	350	100	H
17.10098	34.24	PK-U	41	-18.2	0	57.04	-	-	-	-	68.2	-11.16	350	100	V

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

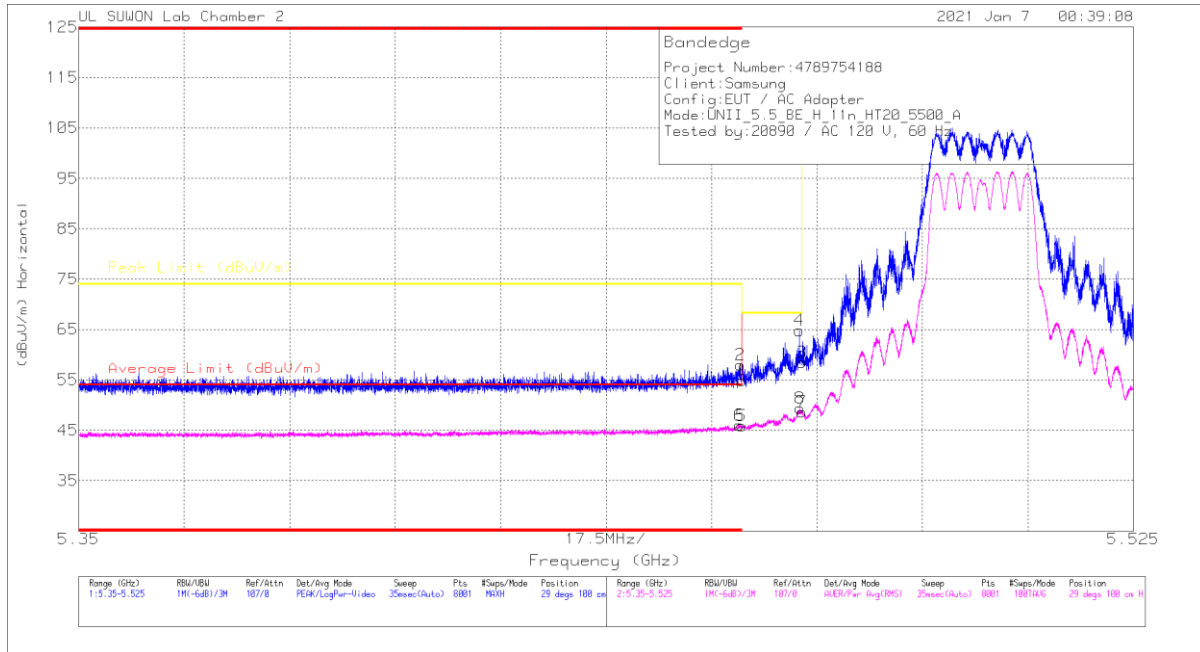
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

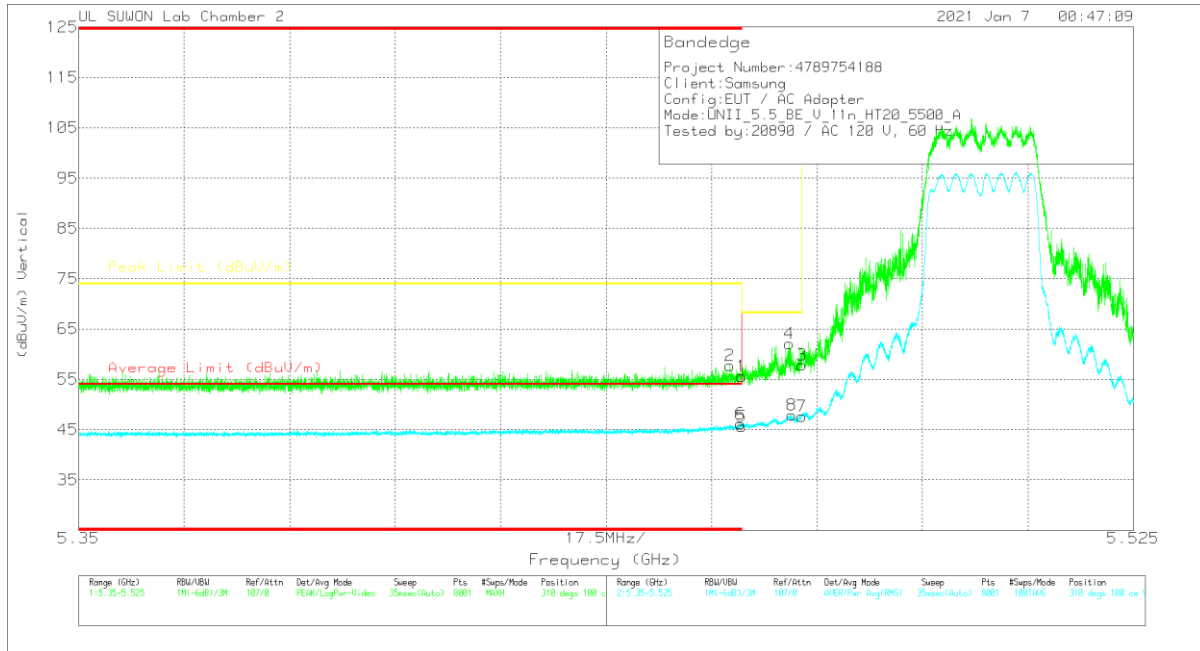
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	37.95	Pk	34.6	-17.7	0	54.85	-	-	74	-19.15	29	100	H
2	* 5.45977	41.1	Pk	34.6	-17.7	0	58	-	-	74	-16	29	100	H
3	5.46998	41.6	Pk	34.6	-17.7	0	58.5	-	-	68.2	-9.7	29	100	H
4	5.46959	47.88	Pk	34.6	-17.7	0	64.78	-	-	68.2	-3.42	29	100	H
5	* 5.45999	28.85	RMS	34.6	-17.7	.11	45.86	54	-8.14	-	-	29	100	H
6	* 5.45955	28.96	RMS	34.6	-17.6	.11	46.07	54	-7.93	-	-	29	100	H
7	5.46998	31.65	RMS	34.6	-17.7	.11	48.66	-	-	-	-	29	100	H
8	5.4697	32.33	RMS	34.6	-17.7	.11	49.34	-	-	-	-	29	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	38.68	Pk	34.6	-17.7	0	55.58	-	-	74	-18.42	310	100	V
2	* 5.45806	40.79	Pk	34.6	-17.7	0	57.69	-	-	74	-16.31	310	100	V
3	5.46998	40.99	Pk	34.6	-17.7	0	57.89	-	-	68.2	-10.31	310	100	V
4	5.46786	45.25	Pk	34.6	-17.7	0	62.15	-	-	68.2	-6.05	310	100	V
5	* 5.45999	28.62	RMS	34.6	-17.7	.11	45.63	54	-8.37	-	-	310	100	V
6	* 5.45983	29.14	RMS	34.6	-17.7	.11	46.15	54	-7.85	-	-	310	100	V
7	5.46998	30.68	RMS	34.6	-17.7	.11	47.69	-	-	-	-	310	100	V
8	5.46828	30.91	RMS	34.6	-17.7	.11	47.92	-	-	-	-	310	100	V

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

Pk - Peak detector

RMS - RMS detection