

**MID CHANNEL DATA**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.35989	27.06	PK	36.3	-25.6	0	37.76	-	-	74	-36.24	-	-	0-360	250	H
3	* 11.14891	26.12	PK	38.3	-22.6	0	41.82	-	-	74	-32.18	-	-	0-360	250	H
5	16.72251	24.04	PK	41.3	-17.9	0	47.44	-	-	-	-	68.2	-20.76	0-360	150	H
2	* 8.38136	27.34	PK	36.3	-25.6	0	37.84	-	-	74	-36.16	-	-	0-360	250	V
4	* 11.16002	26.12	PK	38.3	-22.6	0	41.82	-	-	74	-32.18	-	-	0-360	250	V
6	16.73213	23.99	PK	41.3	-18	0	47.29	-	-	-	-	68.2	-20.91	0-360	250	V

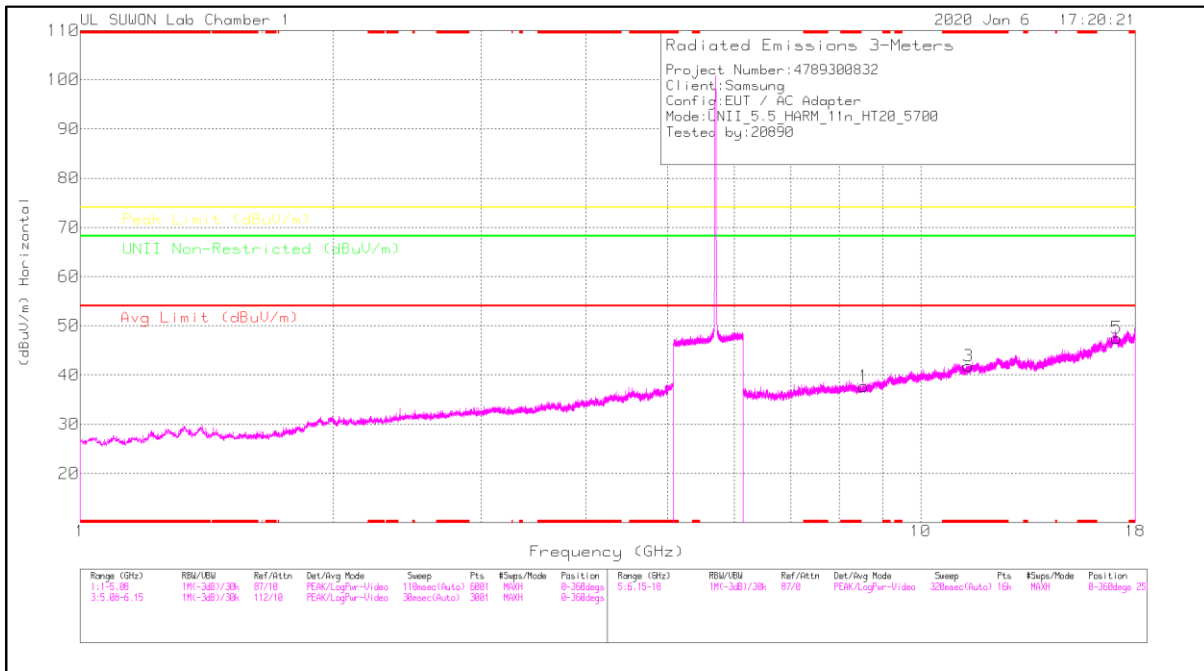
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

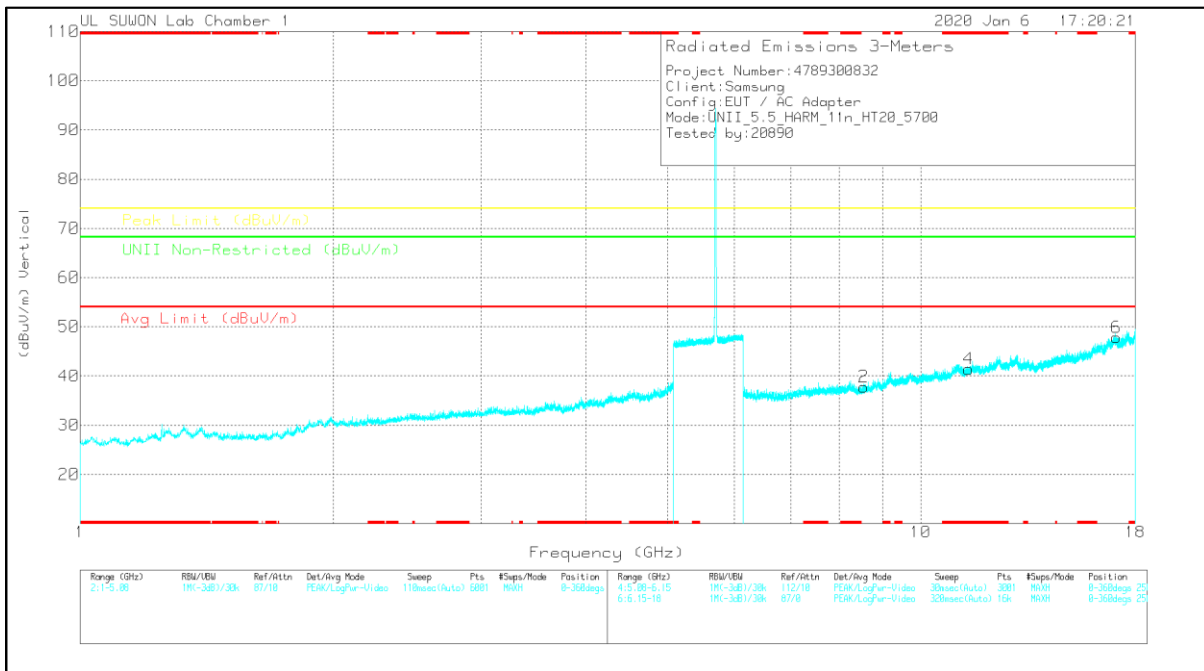
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.3579	36.95	PK-U	36.3	-25.5	0	47.75	-	-	74	-26.25	-	-	0	100	H
* 8.36086	37.23	PK-U	36.3	-25.6	0	47.93	-	-	74	-26.07	-	-	0	100	V
* 11.14696	36	PK-U	38.3	-22.6	0	51.7	-	-	74	-22.3	-	-	0	100	H
* 11.14952	35.94	PK-U	38.3	-22.6	0	51.64	-	-	74	-22.36	-	-	0	100	V
16.72062	34.31	PK-U	41.2	-18	0	57.51	-	-	-	-	68.2	-10.69	0	100	H
16.72207	34.64	PK-U	41.3	-17.9	0	58.04	-	-	-	-	68.2	-10.16	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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	8.55244	26.29	PK	36.3	-24.9	0	37.69	-	-	-	-	68.2	-30.51	0-360	150	H
3	* 11.397	25.72	PK	38.4	-22.3	0	41.82	-	-	74	-32.18	-	-	0-360	250	H
5	17.10613	23.59	PK	41.6	-17.7	0	47.49	-	-	-	-	68.2	-20.71	0-360	150	H
2	8.55244	26.38	PK	36.3	-24.9	0	37.78	-	-	-	-	68.2	-30.42	0-360	150	V
4	* 11.40441	25.19	PK	38.5	-22.3	0	41.39	-	-	74	-32.61	-	-	0-360	250	V
6	17.09428	23.81	PK	41.6	-17.6	0	47.81	-	-	-	-	68.2	-20.39	0-360	250	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

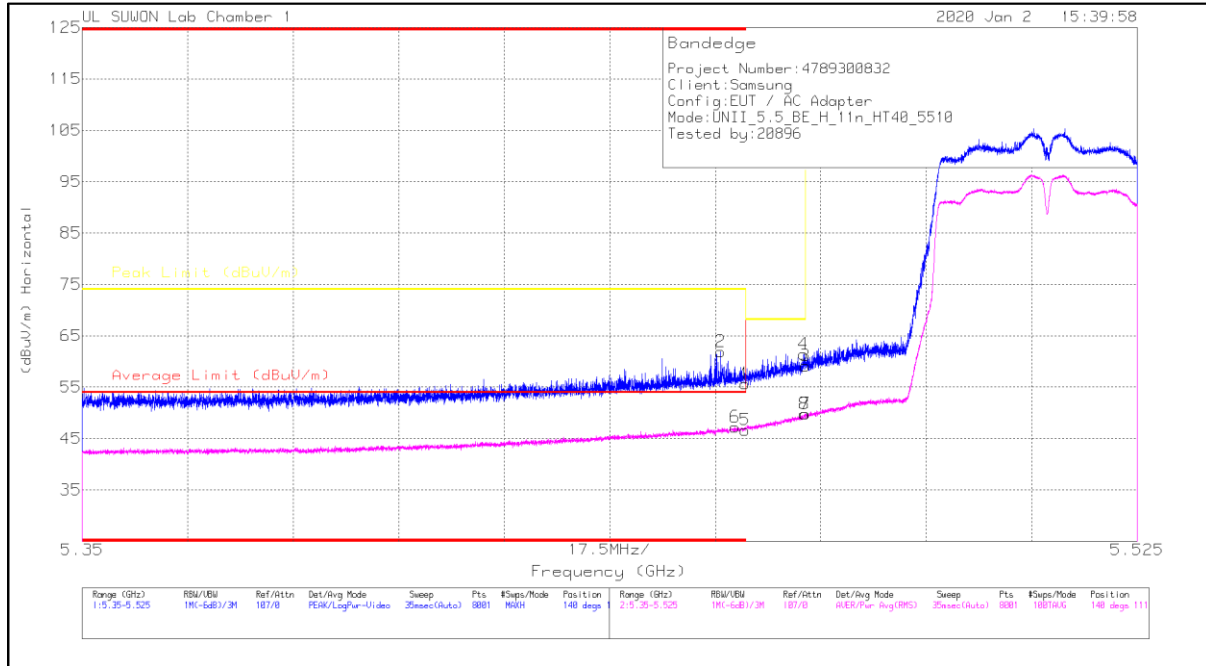
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.55231	38.26	PK-U	36.3	-24.9	0	49.66	-	-	-	-	68.2	-18.54	360	100	H
8.55379	37.47	PK-U	36.3	-24.9	0	48.87	-	-	-	-	68.2	-19.33	360	100	V
* 11.39503	35.71	PK-U	38.4	-22.4	0	51.71	-	-	74	-22.29	-	-	360	100	H
* 11.39756	36.03	PK-U	38.4	-22.3	0	52.13	-	-	74	-21.87	-	-	360	100	V
17.1052	34.45	PK-U	41.6	-17.7	0	58.35	-	-	-	-	68.2	-9.85	360	100	H
17.10653	34.25	PK-U	41.6	-17.7	0	58.15	-	-	-	-	68.2	-10.05	360	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 1Tx MODE IN THE 5.5GHz BAND**

**RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**



**Trace Markers**

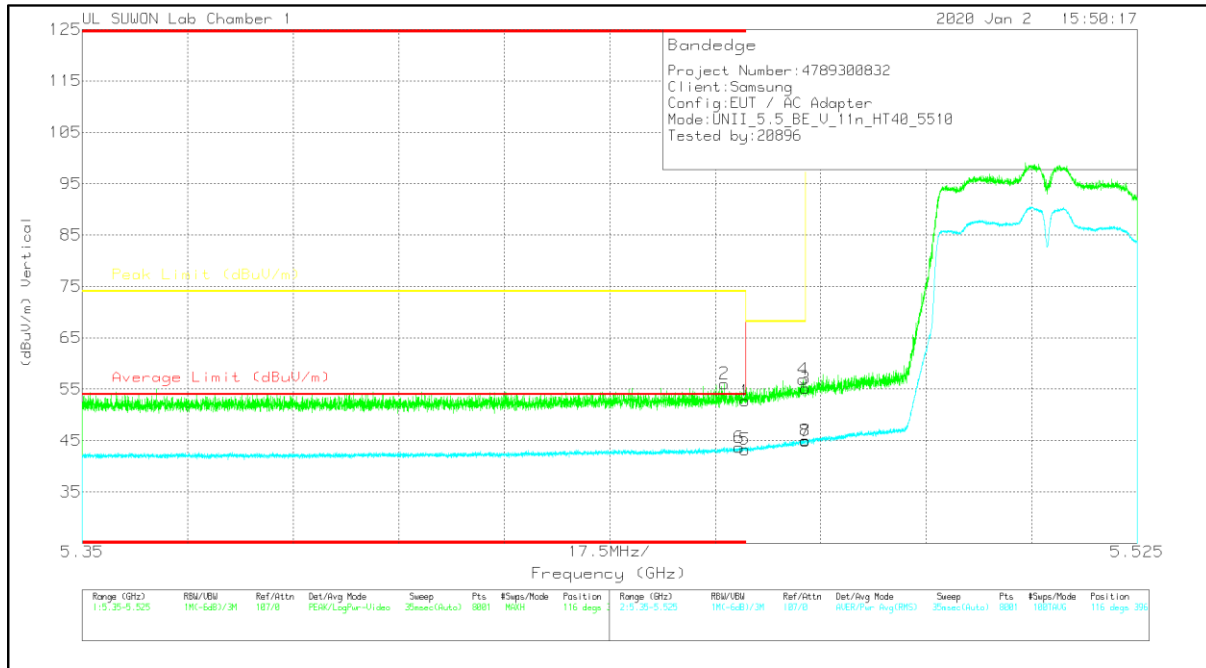
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	42.37	Pk	34.7	-21.4	0	55.67	-	-	74	-18.33	140	111	H
2	* 5.45585	48.61	Pk	34.7	-21.4	0	61.91	-	-	74	-12.09	140	111	H
3	5.46998	45.96	Pk	34.7	-21.5	0	59.16	-	-	68.2	-9.04	140	111	H
4	5.46961	48.22	Pk	34.7	-21.5	0	61.42	-	-	68.2	-6.78	140	111	H
5	* 5.45999	33.38	RMS	34.7	-21.4	0	46.68	54	-7.32	-	-	140	111	H
6	* 5.4583	33.94	RMS	34.7	-21.4	0	47.24	54	-6.76	-	-	140	111	H
7	5.46998	36.62	RMS	34.7	-21.5	0	49.82	-	-	-	-	140	111	H
8	5.46981	36.6	RMS	34.7	-21.5	0	49.8	-	-	-	-	140	111	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	* 5.45999	39.41	Pk	34.7	-21.4	0	52.71	-	-	74	-21.29	116	396	V
2	* 5.45653	42.76	Pk	34.7	-21.4	0	56.06	-	-	74	-17.94	116	396	V
3	5.46998	41.95	Pk	34.7	-21.5	0	55.15	-	-	68.2	-13.05	116	396	V
4	5.46959	43.7	Pk	34.7	-21.5	0	56.9	-	-	68.2	-11.3	116	396	V
5	* 5.45999	29.97	RMS	34.7	-21.4	0	43.27	54	-10.73	-	-	116	396	V
6	* 5.45896	30.45	RMS	34.7	-21.5	0	43.65	54	-10.35	-	-	116	396	V
7	5.46998	31.68	RMS	34.7	-21.5	0	44.88	-	-	-	-	116	396	V
8	5.46996	31.8	RMS	34.7	-21.5	0	45	-	-	-	-	116	396	V

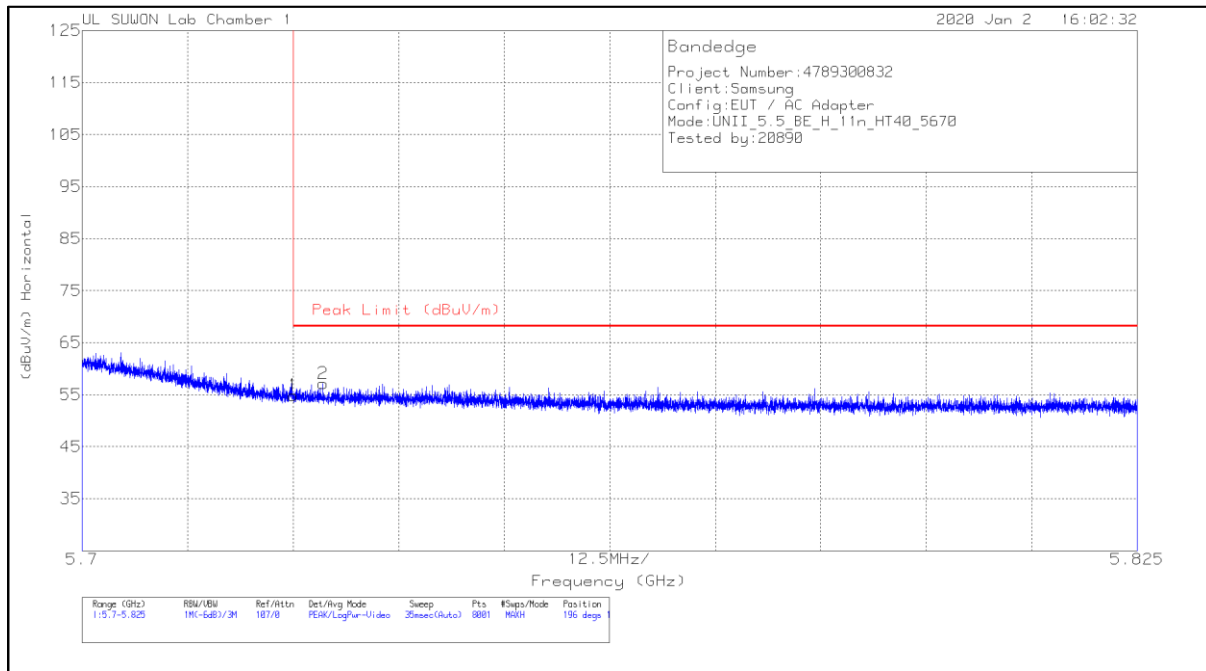
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BADEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**

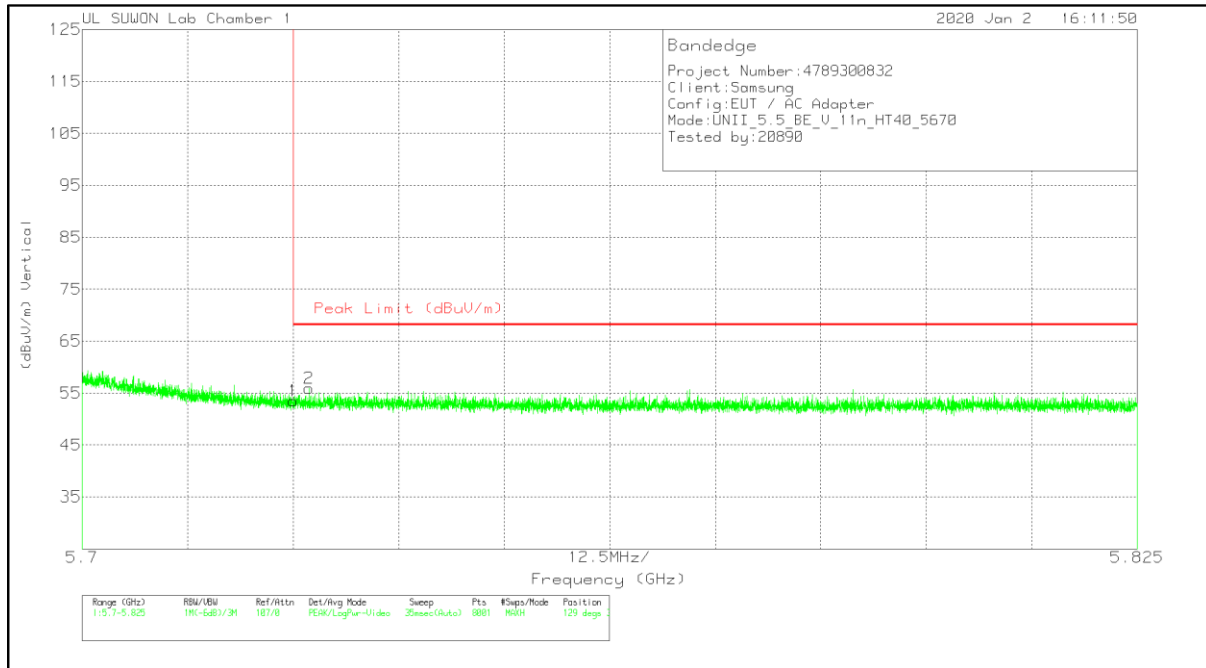


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	41.2	Pk	34.8	-21.1	0	54.9	68.2	-13.3	196	173	H
2	5.72853	43.45	Pk	34.8	-21.1	0	57.15	68.2	-11.05	196	173	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE DATA**



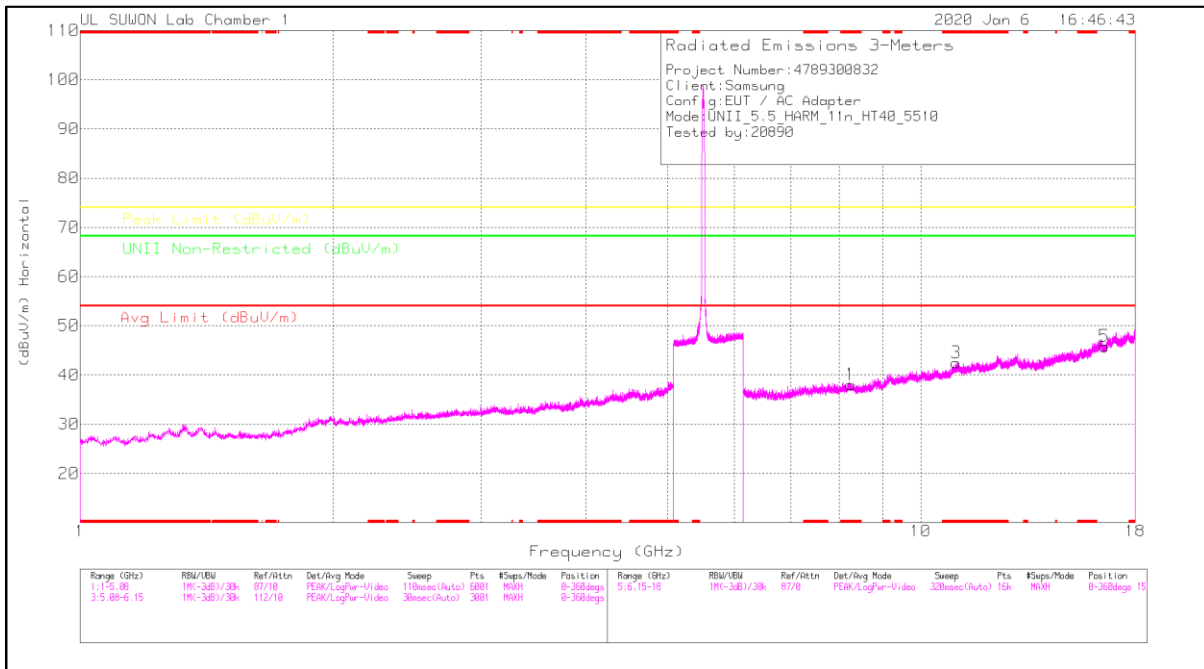
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	39.81	Pk	34.8	-21.1	0	53.51	68.2	-14.69	129	344	V
2	5.72686	42.21	Pk	34.8	-21.1	0	55.91	68.2	-12.29	129	344	V

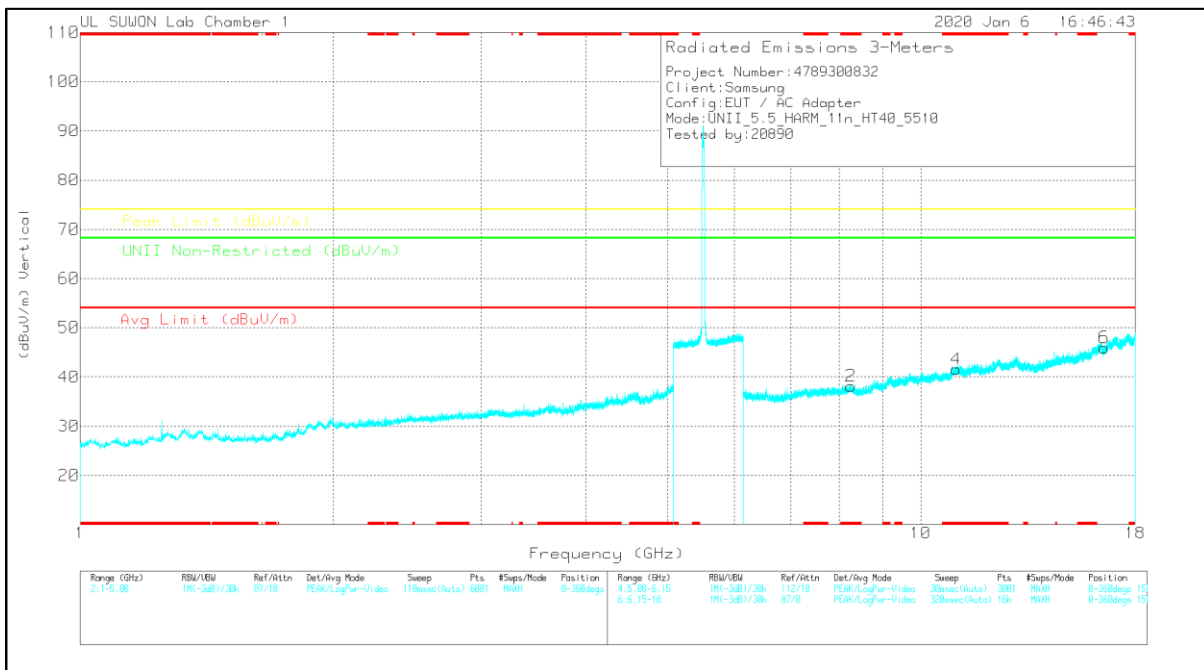
Pk - Peak detector

**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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.25695	27.02	PK	36.4	-25.4	0	38.02	-	-	74	-35.98	-	-	0-360	150	H
3	* 11.01857	26.09	PK	38.2	-21.8	0	42.49	-	-	74	-31.51	-	-	0-360	150	H
5	16.53588	24.31	PK	40.9	-19.4	0	45.81	-	-	-	-	68.2	-22.39	0-360	250	H
2	* 8.25991	27.23	PK	36.4	-25.5	0	38.13	-	-	74	-35.87	-	-	0-360	150	V
4	* 11.01857	25.14	PK	38.2	-21.8	0	41.54	-	-	74	-32.46	-	-	0-360	250	V
6	16.52847	24.55	PK	40.9	-19.5	0	45.95	-	-	-	-	68.2	-22.25	0-360	150	V

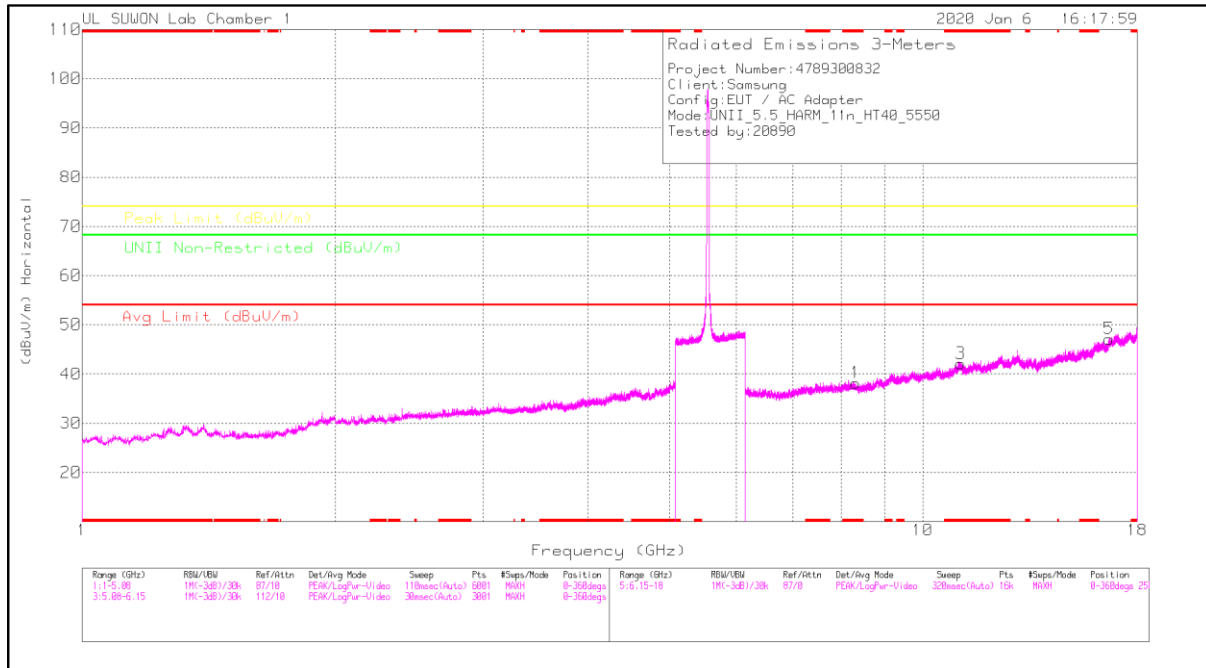
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

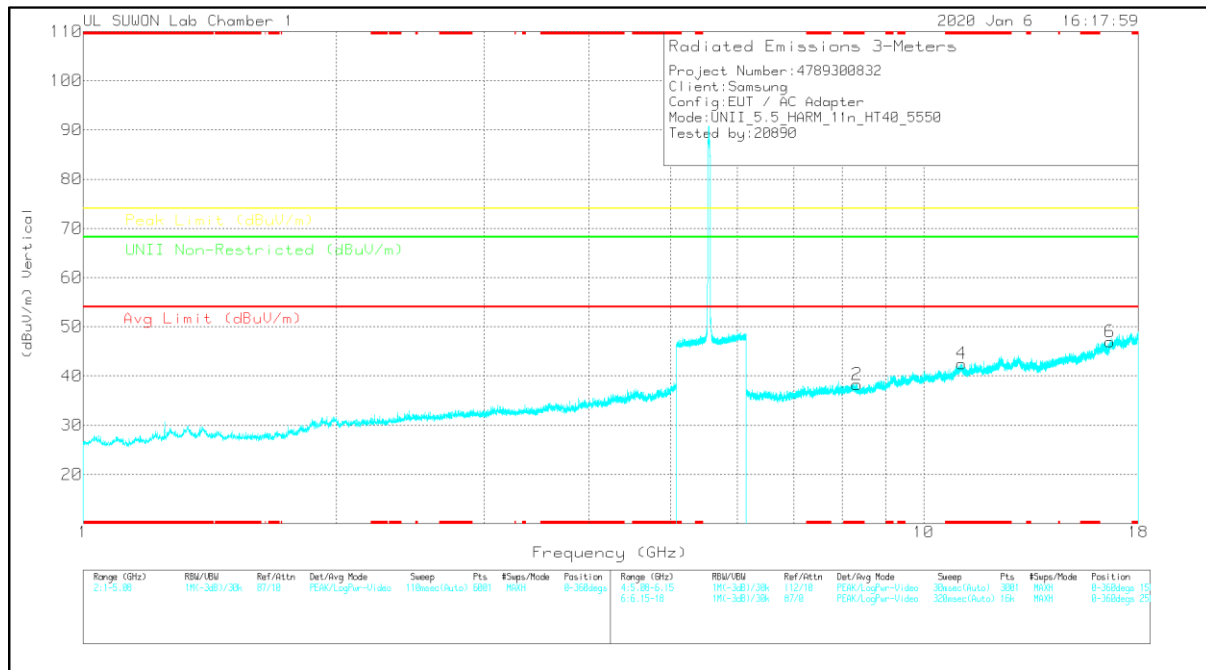
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.25637	37.68	PK-U	36.4	-25.4	0	48.68	-	-	74	-25.32	-	-	360	100	H
* 8.25801	37.42	PK-U	36.4	-25.5	0	48.32	-	-	74	-25.68	-	-	360	100	V
* 11.01874	35.12	PK-U	38.2	-21.8	0	51.52	-	-	74	-22.48	-	-	360	100	H
* 11.0183	35.27	PK-U	38.2	-21.8	0	51.67	-	-	74	-22.33	-	-	360	100	V
16.53462	34.85	PK-U	40.9	-19.5	0	56.25	-	-	-	-	68.2	-11.95	360	100	H
16.53536	35.52	PK-U	40.9	-19.5	0	56.92	-	-	-	-	68.2	-11.28	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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.3236	27.18	PK	36.3	-25.3	0	38.18	-	-	74	-35.82	-	-	0-360	150	H
3	* 11.09929	26.12	PK	38.3	-22.3	0	42.12	-	-	74	-31.88	-	-	0-360	250	H
5	16.64771	24.53	PK	41.1	-18.5	0	47.13	-	-	-	-	68.2	-21.07	0-360	150	H
2	* 8.33026	27.49	PK	36.3	-25.5	0	38.29	-	-	74	-35.71	-	-	0-360	150	V
4	* 11.10077	26.51	PK	38.3	-22.3	0	42.51	-	-	74	-31.49	-	-	0-360	150	V
6	16.65289	24.46	PK	41.1	-18.6	0	48.96	-	-	-	-	68.2	-21.24	0-360	250	V

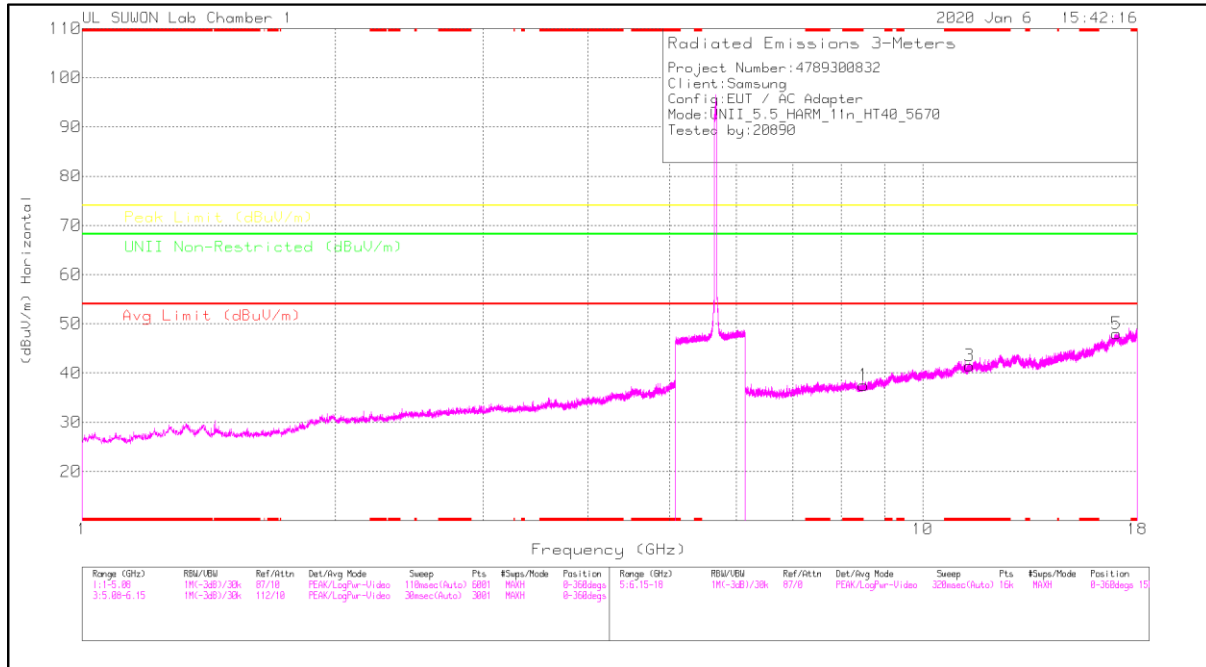
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

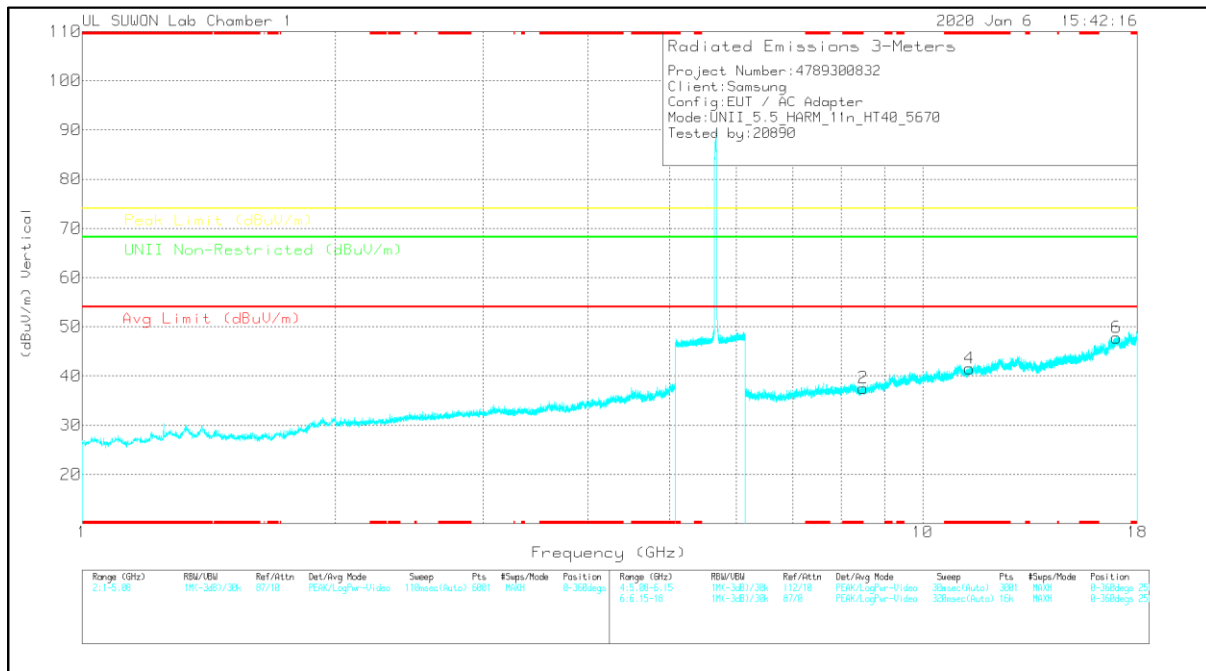
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.32332	37.28	PK-U	36.3	-25.3	0	48.28	-	-	74	-25.72	-	-	360	100	H
* 8.32515	37.17	PK-U	36.3	-25.3	0	48.17	-	-	74	-25.83	-	-	360	100	V
* 11.098	36.39	PK-U	38.3	-22.3	0	52.39	-	-	74	-21.62	-	-	360	100	H
* 11.09731	36.05	PK-U	38.3	-22.3	0	52.05	-	-	74	-21.95	-	-	360	100	V
16.64828	35.28	PK-U	41.1	-18.5	0	57.88	-	-	-	-	68.2	-10.32	360	100	H
16.64699	35.82	PK-U	41.1	-18.5	0	58.42	-	-	-	-	68.2	-9.78	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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	8.5043	26.61	PK	36.3	-25.4	0	37.51	-	-	-	-	68.2	-30.69	0-360	150	H
3	* 11.37108	25.48	PK	38.4	-22.4	0	41.48	-	-	74	-32.52	-	-	0-360	250	H
5	17.00985	23.88	PK	41.7	-17.6	0	47.98	-	-	-	-	68.2	-20.22	0-360	150	H
2	* 8.49838	26.64	PK	36.3	-25.4	0	37.54	-	-	74	-36.46	-	-	0-360	150	V
4	* 11.36516	25.42	PK	38.4	-22.3	0	41.52	-	-	74	-32.48	-	-	0-360	150	V
6	17.01059	23.69	PK	41.7	-17.6	0	47.79	-	-	-	-	68.2	-20.41	0-360	150	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

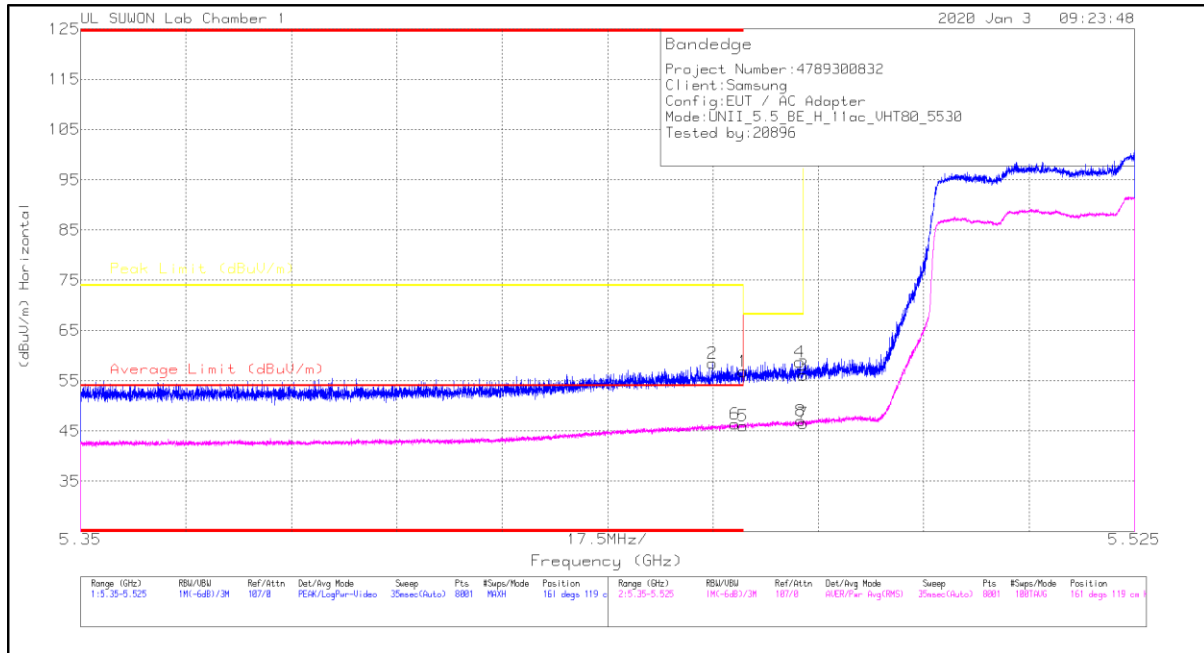
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.50603	37.34	PK-U	36.3	-25.4	0	48.24	-	-	-	-	68.2	-19.96	360	100	H
8.50558	37.22	PK-U	36.3	-25.4	0	48.12	-	-	-	-	68.2	-20.08	360	100	V
* 11.3728	35.84	PK-U	38.4	-22.4	0	51.84	-	-	74	-22.16	-	-	360	100	H
* 11.36935	35.53	PK-U	38.4	-22.4	0	51.53	-	-	74	-22.47	-	-	360	100	V
17.01056	34.62	PK-U	41.7	-17.6	0	58.72	-	-	-	-	68.2	-9.48	360	100	H
17.00994	34.16	PK-U	41.7	-17.6	0	58.26	-	-	-	-	68.2	-9.94	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 1Tx MODE IN THE 5.5GHz BAND**

**RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**



**Trace Markers**

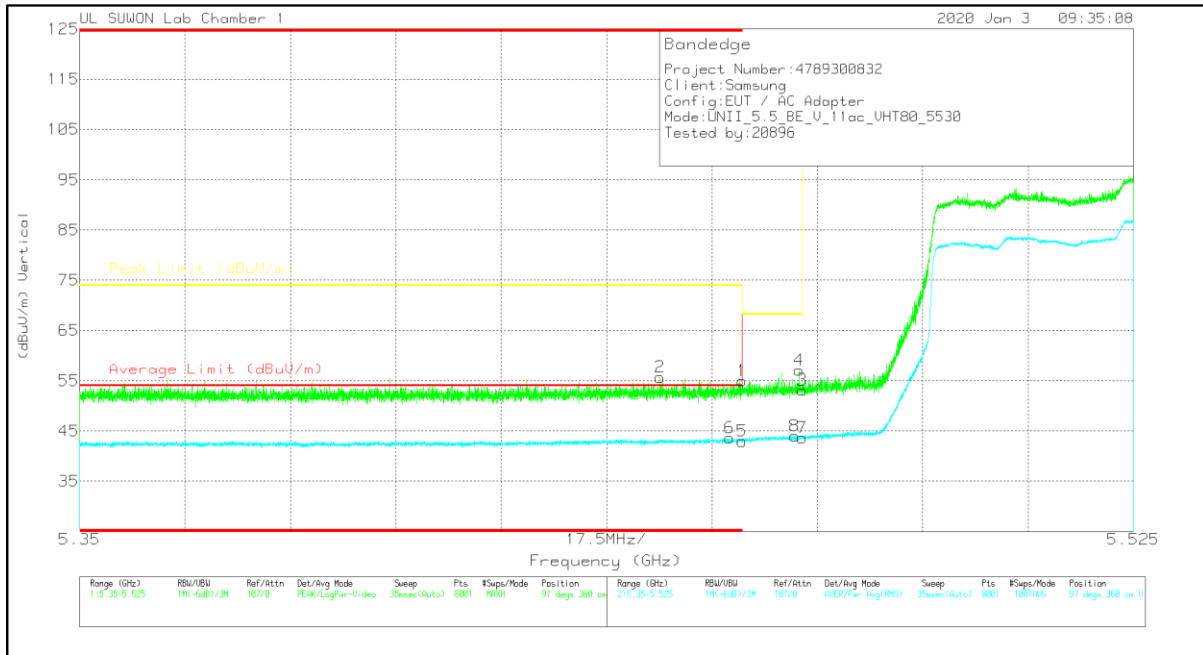
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1	* 5.45999	43.57	Pk		-21.4	0	56.87	-	-	74	-17.13	161	119	H
2	* 5.45496	45.19	Pk		-21.4	0	58.49	-	-	74	-15.51	161	119	H
3	5.46998	42.86	Pk		-21.5	0	56.06	-	-	68.2	-12.14	161	119	H
4	5.46942	45.49	Pk		-21.5	0	58.69	-	-	68.2	-9.51	161	119	H
5	* 5.45999	32.77	RMS		-21.4	0	46.07	54	-7.93	-	-	161	119	H
6	* 5.45865	33.17	RMS		-21.5	0	46.37	54	-7.63	-	-	161	119	H
7	5.46998	33.34	RMS		-21.5	0	46.54	-	-	-	-	161	119	H
8	5.46955	33.8	RMS		-21.5	0	47	-	-	-	-	161	119	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE DATA**



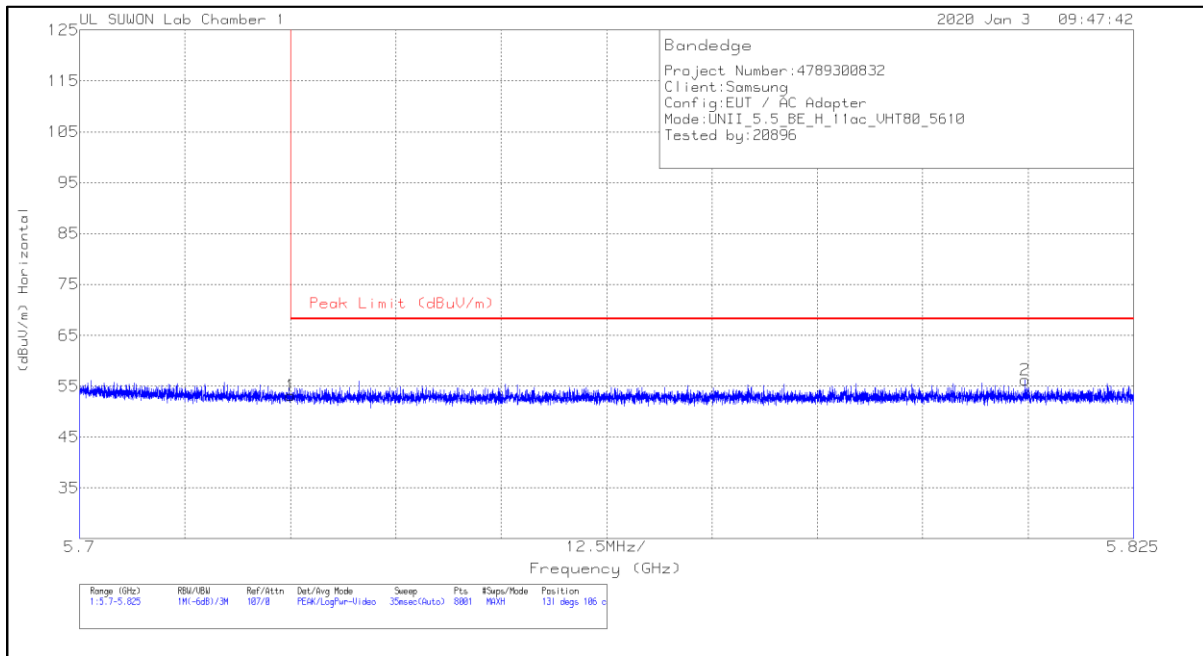
**Trace Markers**

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	* 5.45999	41.65	Pk	34.7	-21.4	0	54.95	-	-	74	-19.05	97	360	V
2	* 5.44636	42.48	Pk	34.7	-21.5	0	55.68	-	-	74	-18.32	97	360	V
3	5.46998	39.98	Pk	34.7	-21.5	0	53.18	-	-	68.2	-15.02	97	360	V
4	5.46944	43.91	Pk	34.7	-21.5	0	57.11	-	-	68.2	-11.09	97	360	V
5	* 5.45999	29.67	RMS	34.7	-21.4	0	42.97	54	-11.03	-	-	97	360	V
6	* 5.45789	30.4	RMS	34.7	-21.4	0	43.7	54	-10.3	-	-	97	360	V
7	5.46998	30.42	RMS	34.7	-21.5	0	43.62	-	-	-	-	97	360	V
8	5.46878	30.84	RMS	34.7	-21.5	0	44.04	-	-	-	-	97	360	V

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

**BADEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**



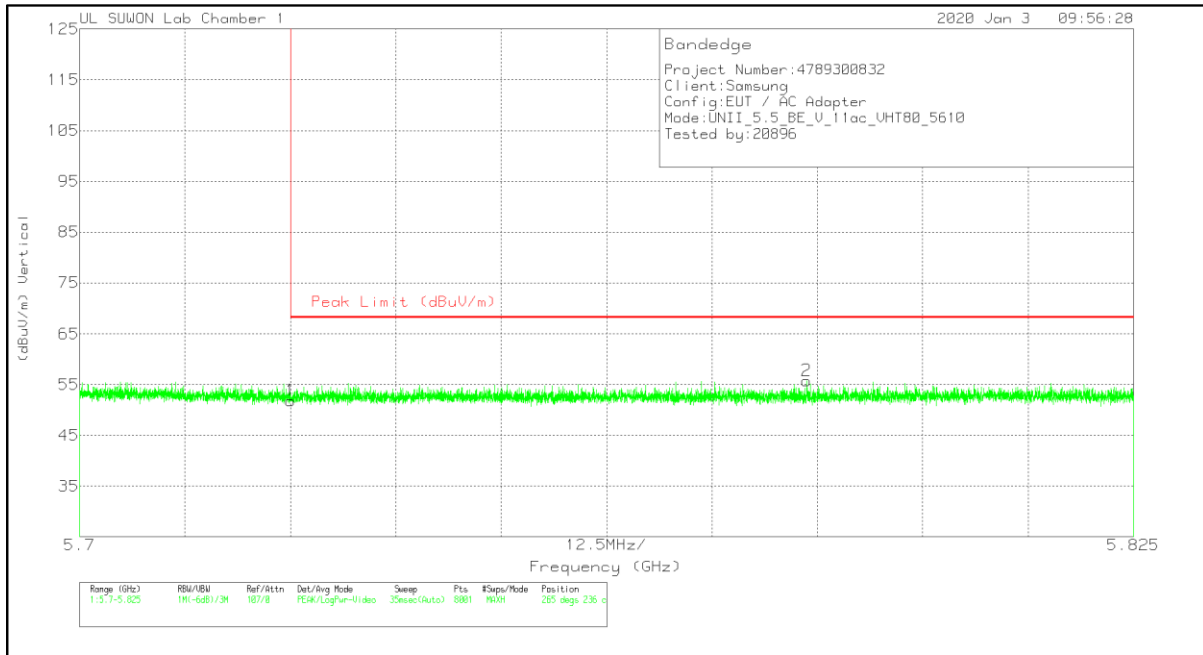
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	39.43	Pk	34.8	-21.1	0	53.13	68.2	-15.07	131	106	H
2	5.81216	42.47	Pk	34.9	-21.1	0	56.27	68.2	-11.93	131	106	H

Pk - Peak detector



**VERTICAL PEAK AND AVERAGE DATA**



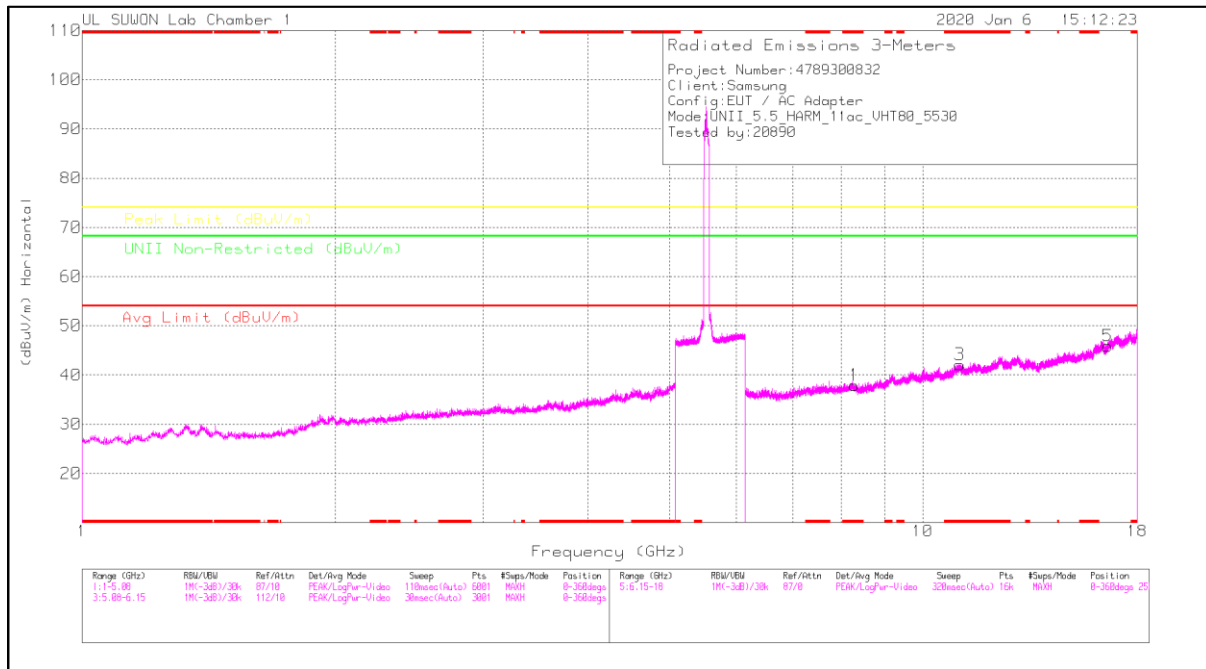
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	38.17	Pk	34.8	-21.1	0	51.87	68.2	-16.33	265	236	V
2	5.78625	42.01	Pk	34.9	-21.1	0	55.81	68.2	-12.39	265	236	V

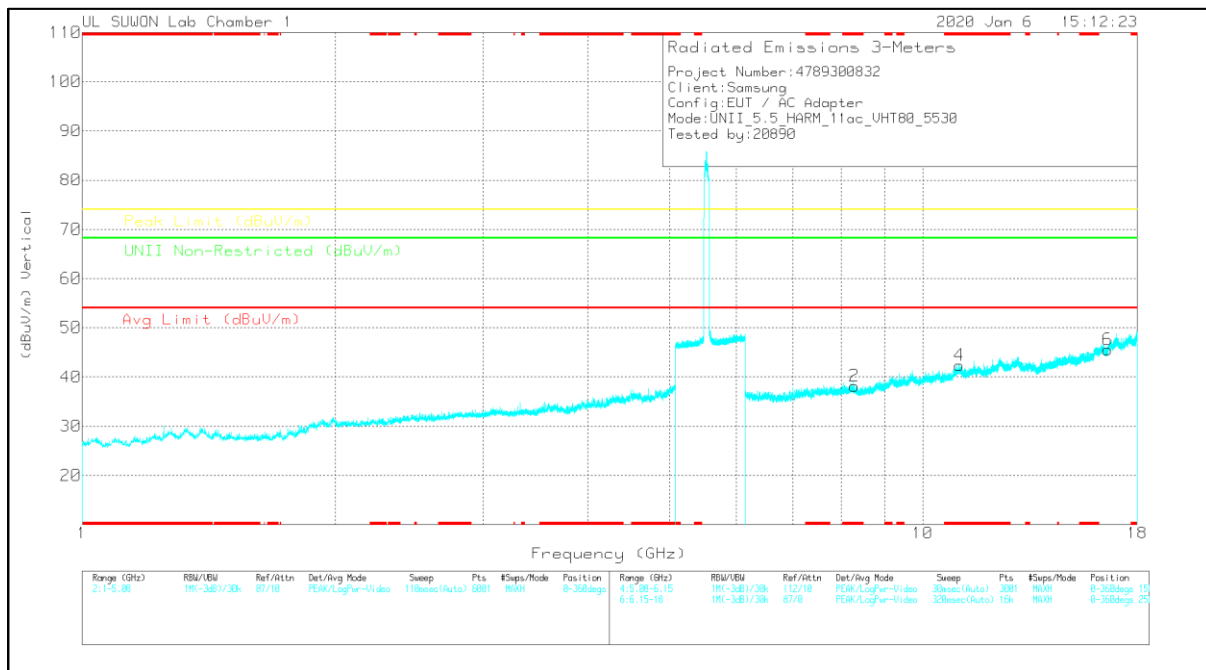
Pk - Peak detector

**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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.29546	26.58	PK	36.4	-25.1	0	37.88	-	-	74	-36.12	-	-	0-360	250	H
3	* 11.06448	25.61	PK	38.3	-21.8	0	42.11	-	-	74	-31.89	-	-	0-360	150	H
5	16.59068	24.08	PK	41	-19.2	0	45.88	-	-	-	-	68.2	-22.32	0-360	250	H
2	* 8.29694	26.87	PK	36.4	-25.1	0	38.17	-	-	74	-35.83	-	-	0-360	250	V
4	* 11.05485	25.87	PK	38.2	-21.7	0	42.37	-	-	74	-31.63	-	-	0-360	150	V
6	16.58994	23.76	PK	41	-19.2	0	45.56	-	-	-	-	68.2	-22.64	0-360	150	V

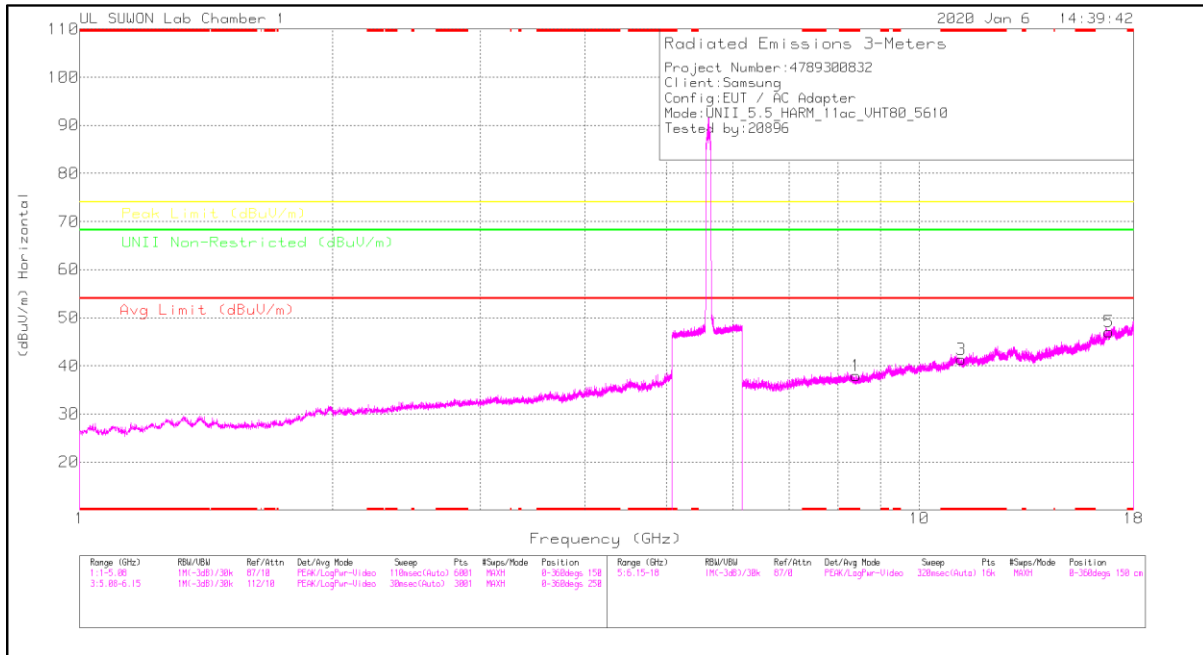
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

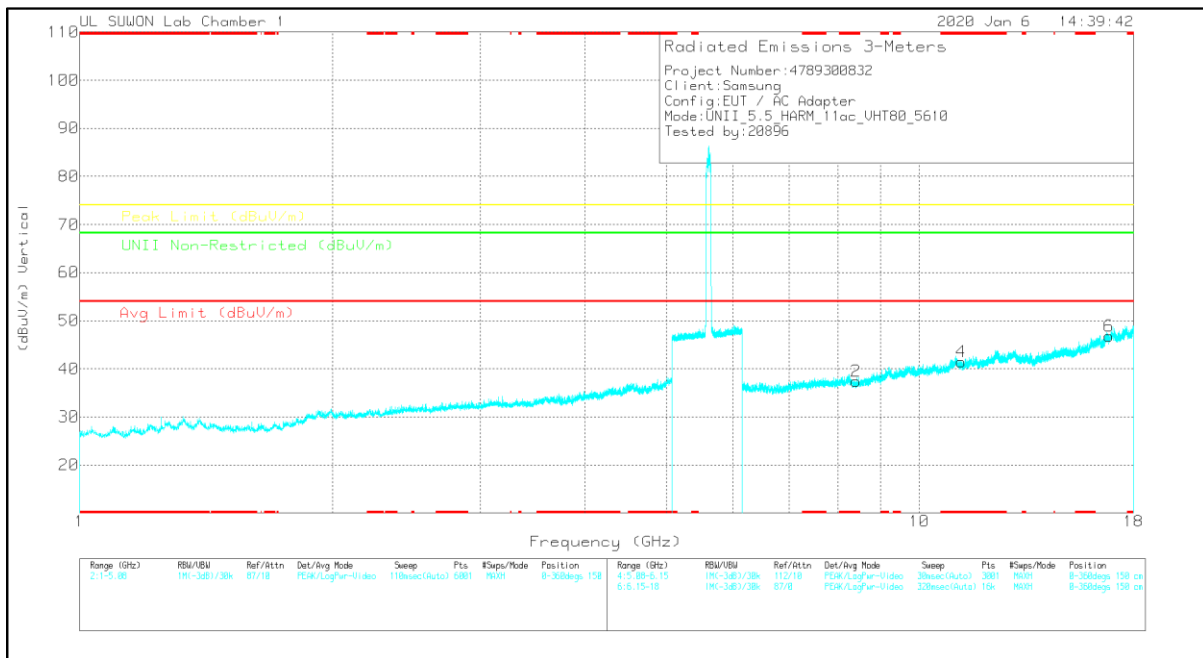
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.29711	36.6	PK-U	36.4	-25.1	0	47.9	-	-	74	-26.1	-	-	360	100	H
* 8.29371	36.5	PK-U	36.4	-25.1	0	47.8	-	-	74	-26.2	-	-	360	100	V
* 11.06456	35.46	PK-U	38.3	-21.8	0	51.96	-	-	74	-22.04	-	-	360	100	H
* 11.06635	35.2	PK-U	38.3	-21.9	0	51.6	-	-	74	-22.4	-	-	360	100	V
16.58926	35.24	PK-U	41	-19.2	0	57.04	-	-	-	-	68.2	-11.16	360	100	H
16.58885	34.95	PK-U	41	-19.2	0	56.75	-	-	-	-	68.2	-11.45	360	100	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-UNII: 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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.40728	27.59	PK	36.3	-25.9	0	37.99	-	-	74	-36.01	-	-	0-360	150	H
3	* 11.22667	25.14	PK	38.4	-22.2	0	41.34	-	-	74	-32.66	-	-	0-360	250	H
5	16.82471	24.16	PK	41.5	-18.6	0	47.06	-	-	-	-	68.2	-21.14	0-360	250	H
2	* 8.41025	26.98	PK	36.3	-25.9	0	37.38	-	-	74	-36.62	-	-	0-360	250	V
4	* 11.21482	25.43	PK	38.4	-22.4	0	41.43	-	-	74	-32.57	-	-	0-360	250	V
6	16.83507	23.96	PK	41.5	-18.7	0	46.76	-	-	-	-	68.2	-21.44	0-360	250	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(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)	Azimuth (Degs)	Height (cm)	Polarity
* 8.40676	37.98	PK-U	36.3	-25.9	0	48.38	-	-	74	-25.62	-	-	360	100	H
* 8.4059	37.21	PK-U	36.3	-25.9	0	47.61	-	-	74	-26.39	-	-	360	100	V
* 11.22534	36.65	PK-U	38.4	-22.3	0	52.75	-	-	74	-21.25	-	-	360	100	H
* 11.22683	35.8	PK-U	38.4	-22.2	0	52	-	-	74	-22	-	-	360	100	V
16.82573	34.67	PK-U	41.5	-18.7	0	57.47	-	-	-	-	68.2	-10.73	360	100	H
16.82576	34.69	PK-U	41.5	-18.7	0	57.49	-	-	-	-	68.2	-10.71	360	100	V

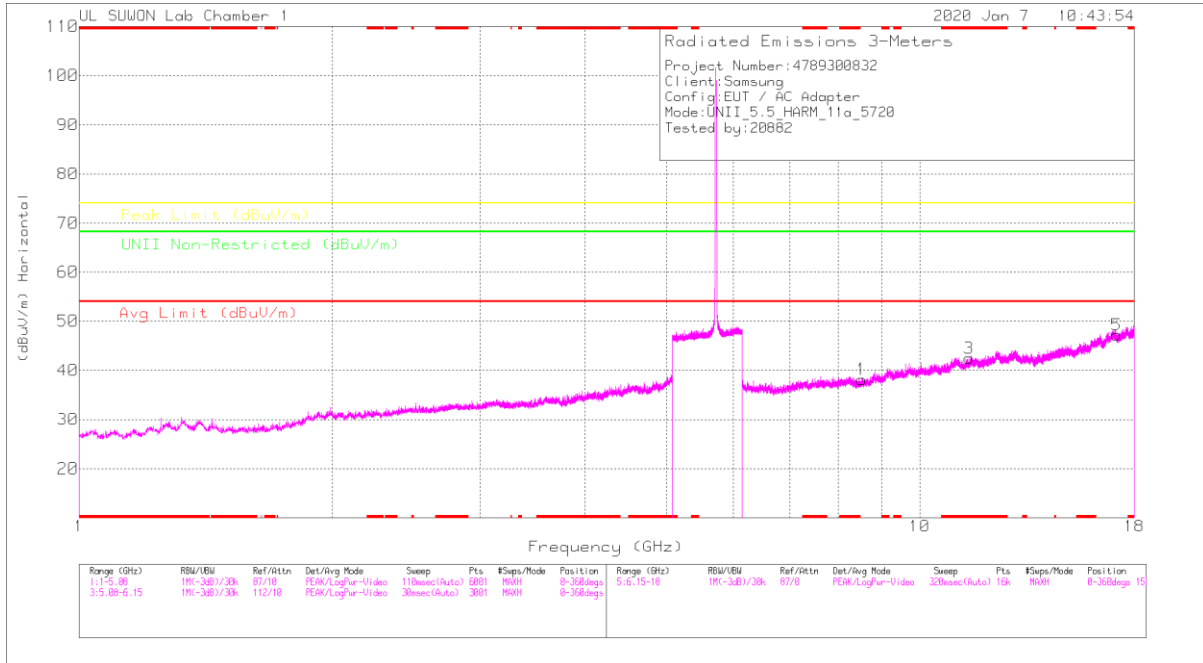
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak

## 11.4. STRADDLE CHANNEL

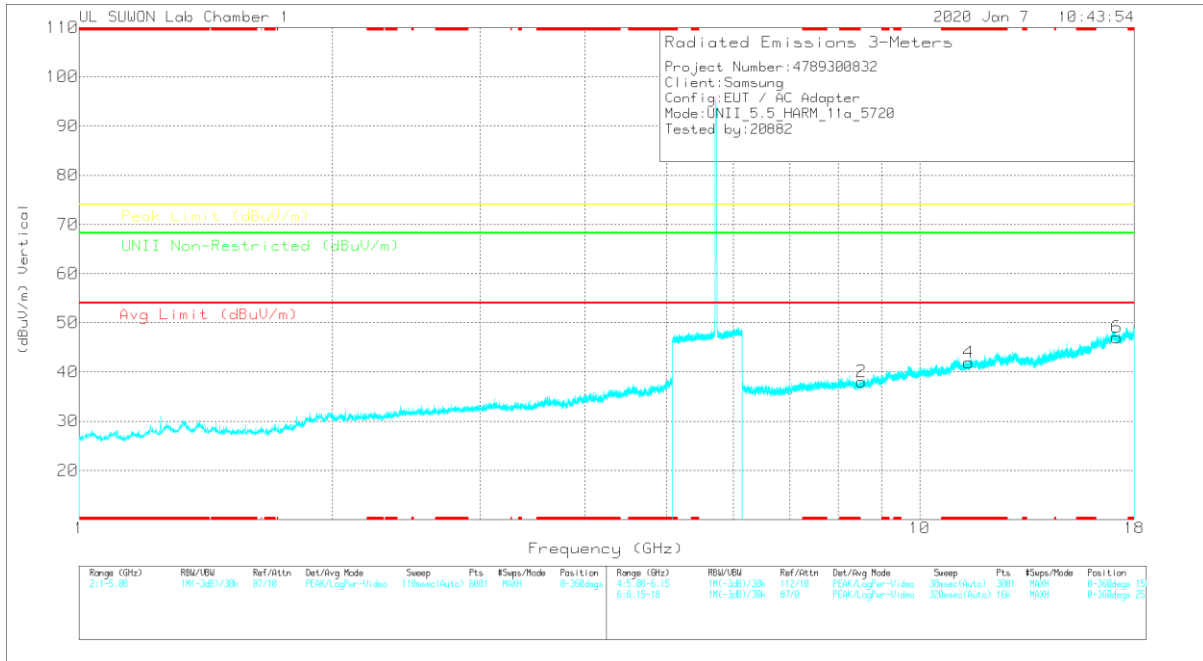
### 11.4.1. TX ABOVE 1GHz 802.11a 1Tx MODE IN THE STRADDLE CHANNEL

#### HARMONICS AND SPURIOUS EMISSIONS

##### HORIZONTAL



##### 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**

**Trace Markers**

Marker	Frequency (MHz)	Mean Reading (dBm)	Det	317_00168717	6GHz_HF(dB)	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Deg)	Height (m)	Polarity
1	8.53244	26.73	PK	36.3	-24.9	0	38.13	-	-	-	-	68.2	-30.07	0-360	150	H
3	* 11.44736	26.05	PK	38.5	-22.1	0	42.45	-	-	74	-31.55	-	-	0-360	150	H
5	17.15093	23.79	PK	41.5	-18.1	0	47.19	-	-	-	-	68.2	-21.01	0-360	150	H
2	8.5343	26.74	PK	36.3	-25	0	38.04	-	-	-	-	68.2	-30.16	0-360	251	V
4	* 11.43625	25.51	PK	38.5	-22.1	0	41.91	-	-	74	-32.09	-	-	0-360	251	V
6	17.16241	23.63	PK	41.5	-18.1	0	47.03	-	-	-	-	68.2	-21.17	0-360	150	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

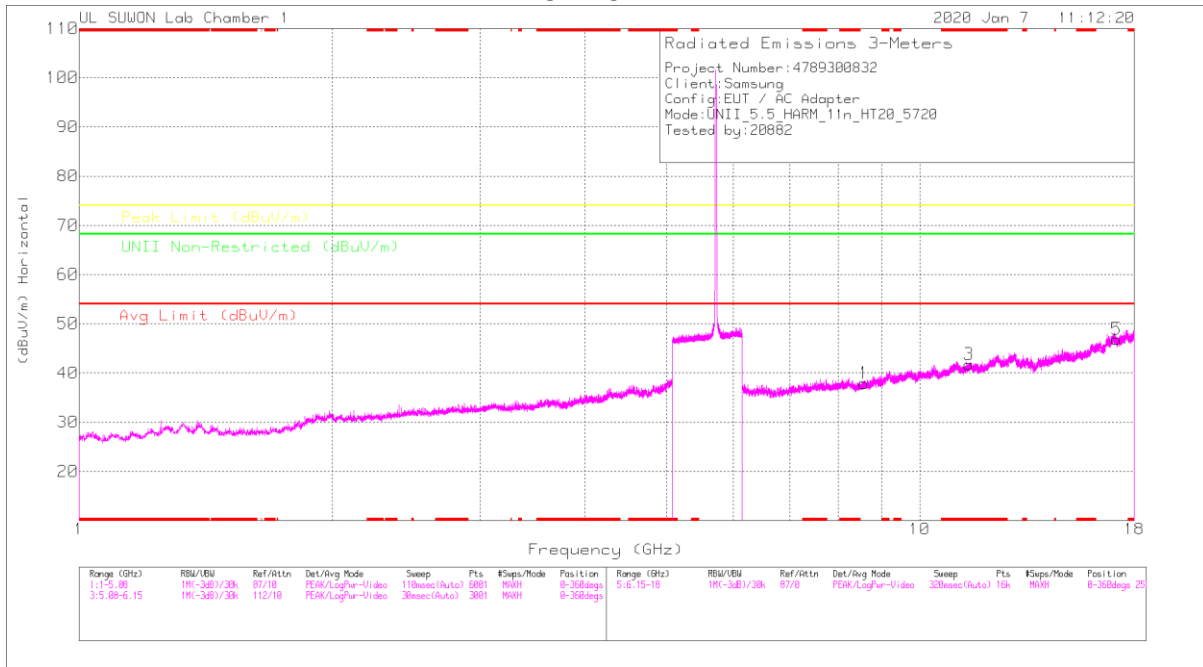
Frequency (MHz)	Mean Reading (dBm)	Det	317_00168717	6GHz_HF(dB)	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Deg)	Height (m)	Polarity
8.53146	27.3	PK-U	36.3	-25	0	48.5	-	-	-	-	68.2	-19.6	360	100	H
8.53414	38.02	PK-U	36.3	-24.9	0	49.42	-	-	-	-	68.2	-18.78	360	100	V
* 11.44707	35.65	PK-U	38.5	-22.1	0	52.05	-	-	74	-21.95	-	-	360	100	H
* 11.44571	35.94	PK-U	38.5	-22.1	0	52.34	-	-	74	-21.66	-	-	360	100	V
17.1608	34.19	PK-U	41.5	-18.1	0	57.59	-	-	-	-	68.2	-10.61	360	100	H
17.16212	34.35	PK-U	41.5	-18.1	0	57.75	-	-	-	-	68.2	-10.45	360	100	V

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

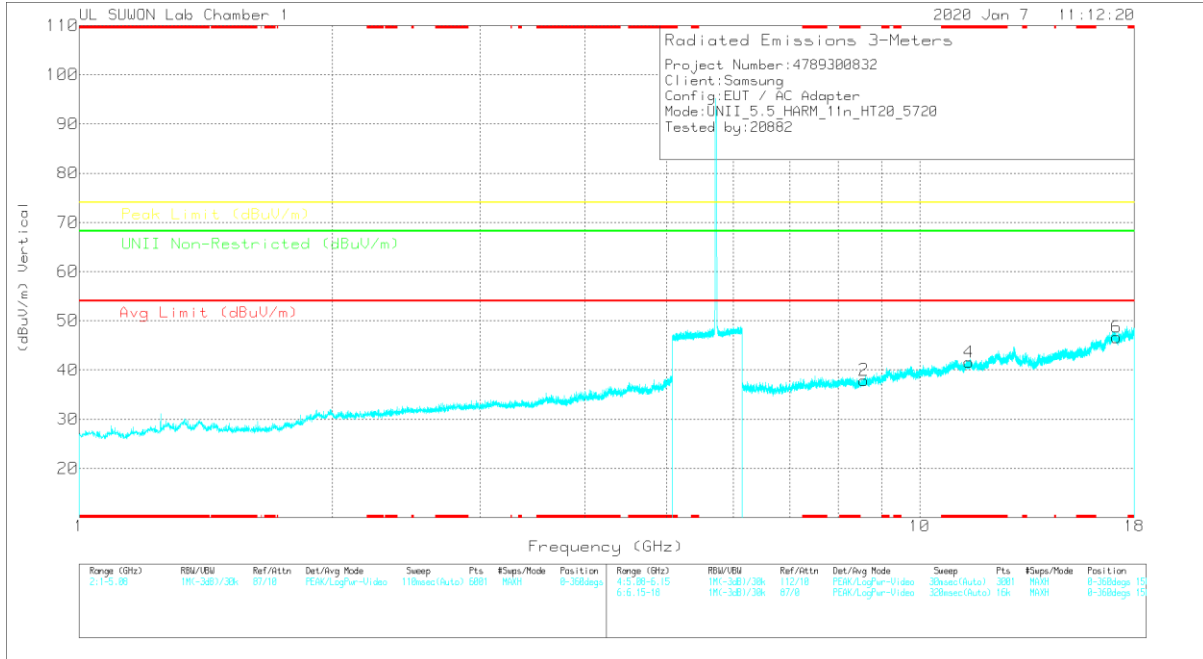
### 11.4.2. TX ABOVE 1GHz 802.11n HT20 1Tx MODE IN THE STRADDLE CHANNEL

#### HARMONICS AND SPURIOUS EMISSIONS

##### HORIZONTAL



##### 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**

**Trace Markers**

Marker	Frequency (MHz)	Mean Reading (dBuV)	Det	317_00168717	6GHz_HF(SB)	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
1	8.58132	26.21	PK	36.3	-24.6	0	37.91	-	-	-	-	68.2	-30.29	0-360	250	H
3	* 11.43996	25.35	PK	38.5	-22.1	0	41.75	-	-	74	-32.25	-	-	0-360	250	H
5	17.15723	23.44	PK	41.5	-18.1	0	46.84	-	-	-	-	68.2	-21.36	0-360	250	H
2	8.58132	26.19	PK	36.3	-24.6	0	37.89	-	-	-	-	68.2	-30.31	0-360	250	V
4	* 11.43773	25.25	PK	38.5	-22.2	0	41.55	-	-	74	-32.45	-	-	0-360	250	V
6	17.16019	23.25	PK	41.5	-18.1	0	46.65	-	-	-	-	68.2	-21.56	0-360	250	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

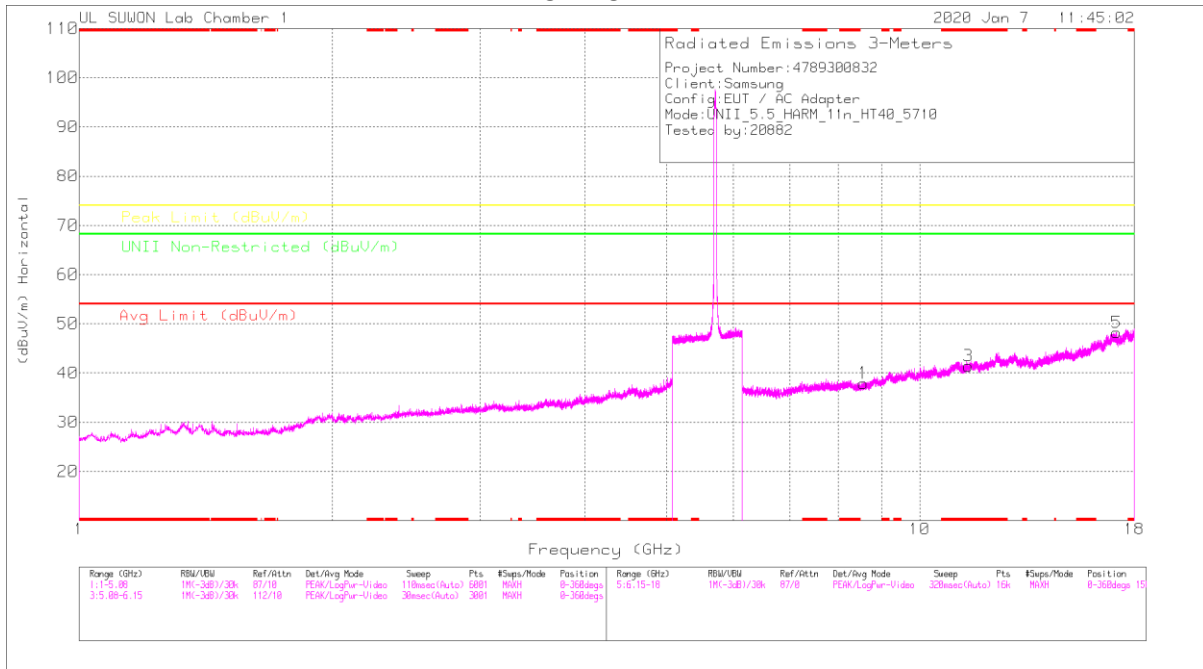
Frequency (MHz)	Mean Reading (dBuV)	Det	317_00168717	6GHz_HF(SB)	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
8.58199	27.13	PK-U	36.3	-24.6	0	48.83	-	-	-	-	68.2	-19.37	360	100	H
8.68025	36.99	PK-U	36.3	-24.6	0	48.09	-	-	-	-	68.2	-20.11	360	100	V
* 11.43872	35.5	PK-U	38.5	-22.1	0	51.9	-	-	74	-22.1	-	-	360	100	H
* 11.43982	35.51	PK-U	38.5	-22.1	0	51.81	-	-	74	-22.09	-	-	360	100	V
17.15551	34.68	PK-U	41.5	-18.1	0	56.08	-	-	-	-	68.2	-10.12	360	100	H
17.15901	34.3	PK-U	41.5	-18.1	0	57.7	-	-	-	-	68.2	-10.5	360	100	V

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

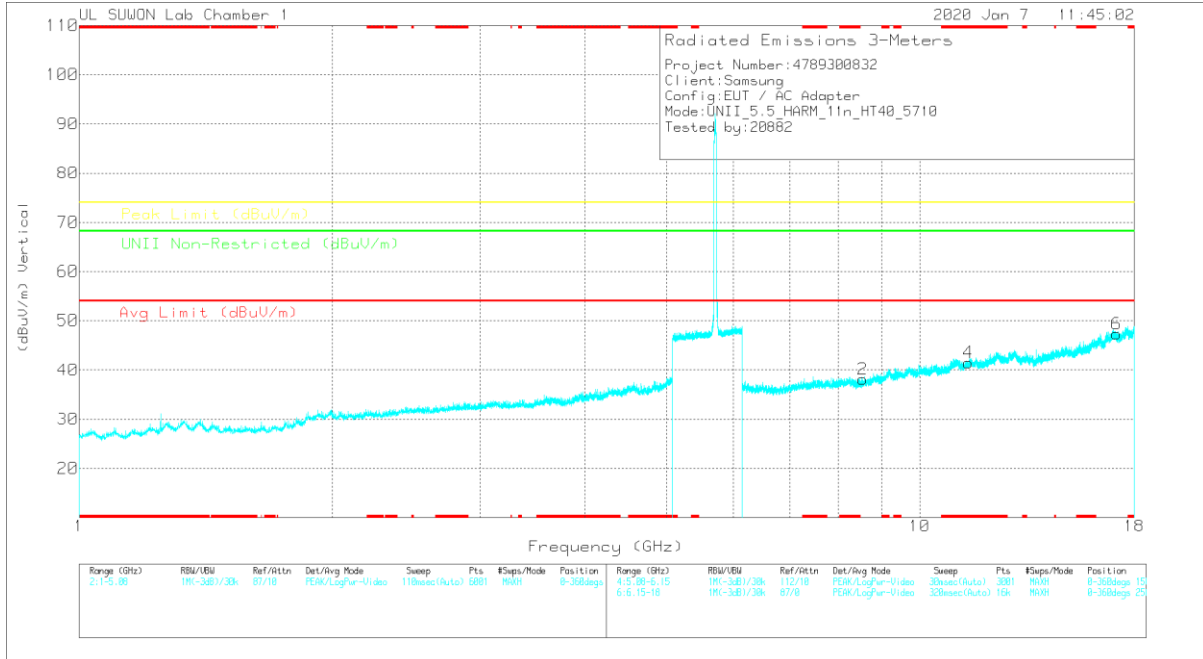
### 11.4.3. TX ABOVE 1GHz 802.11n HT40 1Tx MODE IN THE STRADDLE CHANNEL

#### HARMONICS AND SPURIOUS EMISSIONS

##### HORIZONTAL



##### 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**

**Trace Markers**

Marker	Frequency (GHz)	Marker Reading (dBm)	Det	3117_00168717	6GHz_HF1(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Altitude (ft)	Height (ft)	Polarity
1	8.56873	26.31	PK	36.3	-24.7	0	37.91	-	-	-	-	68.2	-30.29	0-360	250	H
3	* 11.4207	24.91	PK	38.5	-22	0	41.41	-	-	74	-32.55	-	-	0-360	150	H
5	17.14982	24.8	PK	41.5	-18.1	0	48.2	-	-	-	-	68.2	-20	0-360	150	H
2	8.55762	26.6	PK	36.3	-24.8	0	38.1	-	-	-	-	68.2	-30.1	0-360	150	V
4	* 11.4207	24.95	PK	38.5	-22	0	41.45	-	-	74	-32.55	-	-	0-360	250	V
6	17.14093	23.82	PK	41.5	-18	0	47.32	-	-	-	-	68.2	-20.88	0-360	250	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

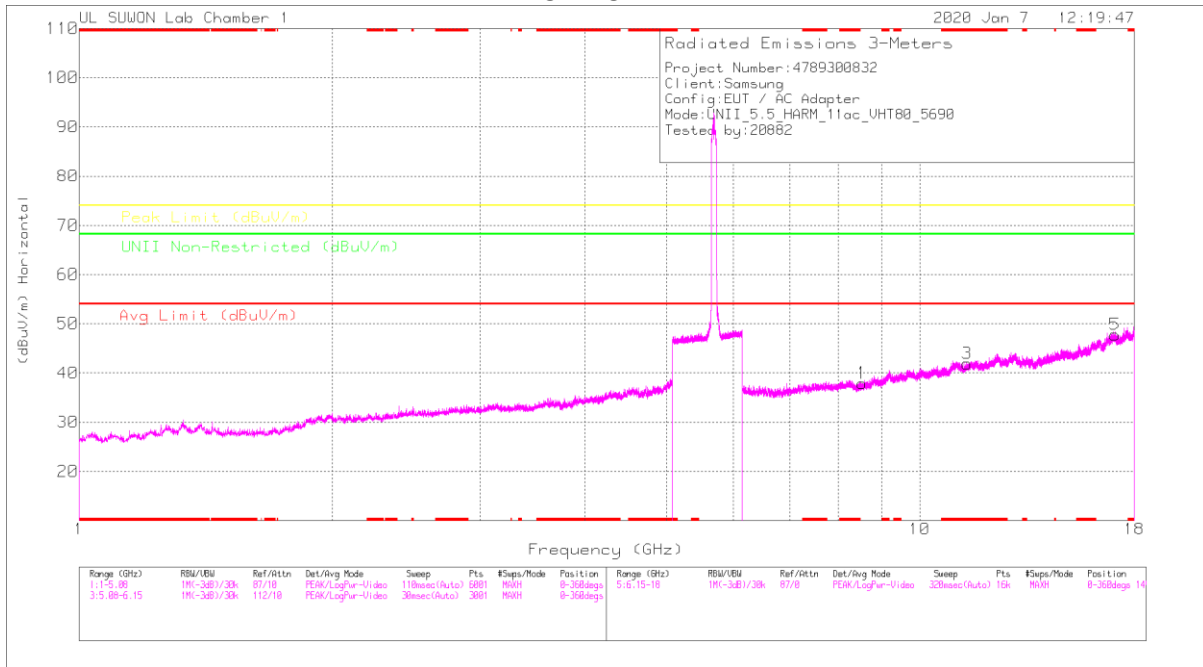
Frequency (GHz)	Marker Reading (dBm)	Det	3117_00168717	6GHz_HF1(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Altitude (ft)	Height (ft)	Polarity
8.57006	36.51	PK-U	36.3	-24.7	0	48.21	-	-	-	-	68.2	-19.99	360	100	H
8.56875	36.66	PK-U	36.3	-24.7	0	48.46	-	-	-	-	68.2	-19.74	360	100	V
* 11.42115	35.73	PK-U	38.5	-22	0	52.23	-	-	74	-21.77	-	-	360	100	H
* 11.42147	35.6	PK-U	38.5	-22	0	52.1	-	-	74	-21.9	-	-	360	100	V
17.15333	34.6	PK-U	41.5	-18.1	0	58	-	-	-	-	68.2	-10.2	360	100	H
17.1486	34.73	PK-U	41.5	-18.1	0	58.13	-	-	-	-	68.2	-10.07	360	100	V

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

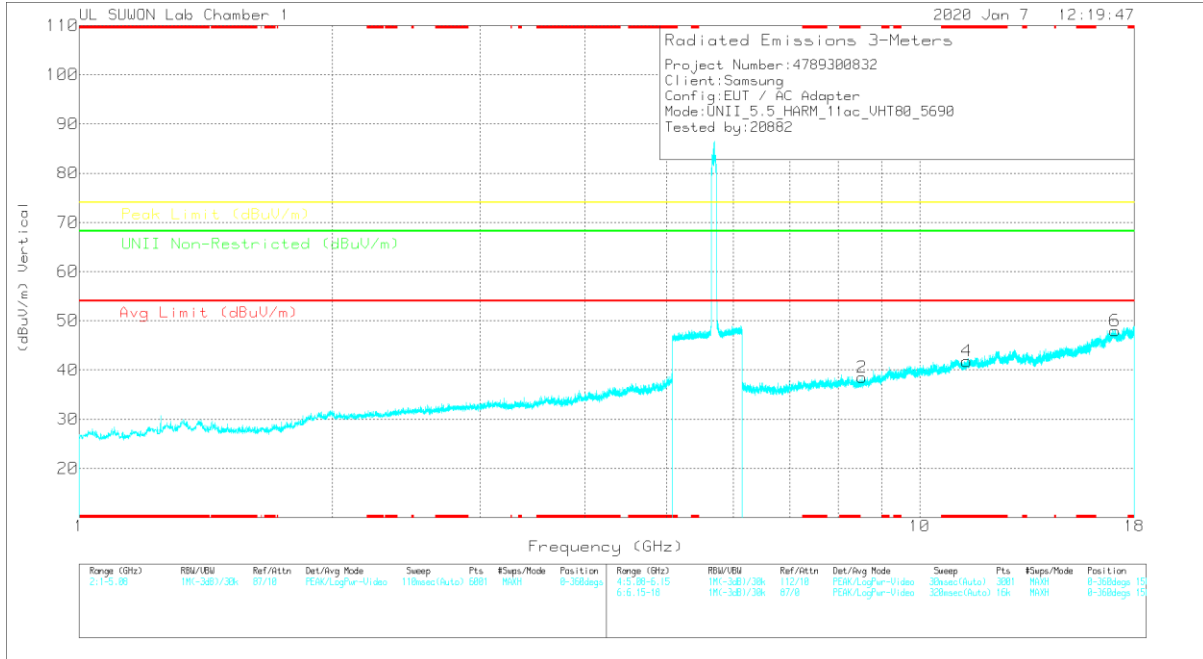
### 11.4.4. TX ABOVE 1GHz 802.11ac VHT80 1Tx MODE IN THE STRADDLE CHANNEL

#### HARMONICS AND SPURIOUS EMISSIONS

##### HORIZONTAL



##### 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**

**Trace Markers**

Marker	Frequency (MHz)	Mean Reading (dBuV)	Det	317_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
1	8.54133	26.6	PK	36.3	-25	0	37.9	-	-	-	-	68.2	-30.3	0-360	250	H
3	* 11.38293	25.8	PK	38.4	-22.3	0	41.9	-	-	74	-32.1	-	-	0-360	250	H
5	17.07354	23.48	PK	41.6	-17.3	0	47.78	-	-	-	-	68.2	-20.42	0-360	250	H
2	8.54059	27.2	PK	36.3	-25	0	38.5	-	-	-	-	68.2	-29.7	0-360	150	V
4	* 11.37701	25.68	PK	38.4	-22.3	0	41.78	-	-	74	-32.22	-	-	0-360	150	V
6	17.07576	23.56	PK	41.6	-17.2	0	47.96	-	-	-	-	68.2	-20.24	0-360	150	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

Frequency (MHz)	Mean Reading (dBuV)	Det	317_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
8.54313	27.16	PK-U	36.3	-24.9	0	48.56	-	-	-	-	68.2	-19.64	360	100	H
8.54064	38.14	PK-U	36.3	-25	0	49.44	-	-	-	-	68.2	-18.76	360	100	V
* 11.38333	35.85	PK-U	38.4	-22.3	0	51.95	-	-	74	-22.06	-	-	360	100	H
* 11.38491	36.13	PK-U	38.4	-22.3	0	52.23	-	-	74	-21.77	-	-	360	100	V
17.07463	34.22	PK-U	41.6	-17.3	0	56.52	-	-	-	-	68.2	-9.68	360	100	H
17.07503	34.26	PK-U	41.6	-17.3	0	56.56	-	-	-	-	68.2	-9.64	360	100	V

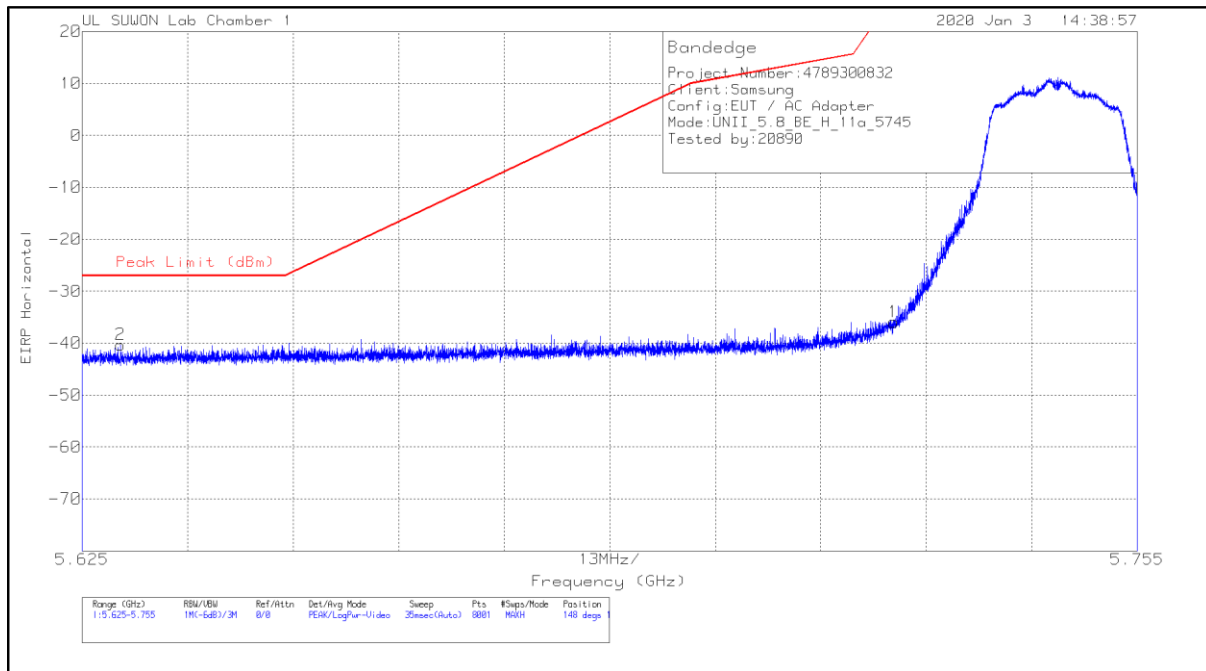
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak

## 11.5. 5.8 GHz

### 11.5.1. TX ABOVE 1GHz 802.11a 1Tx MODE IN THE 5.8GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK DATA

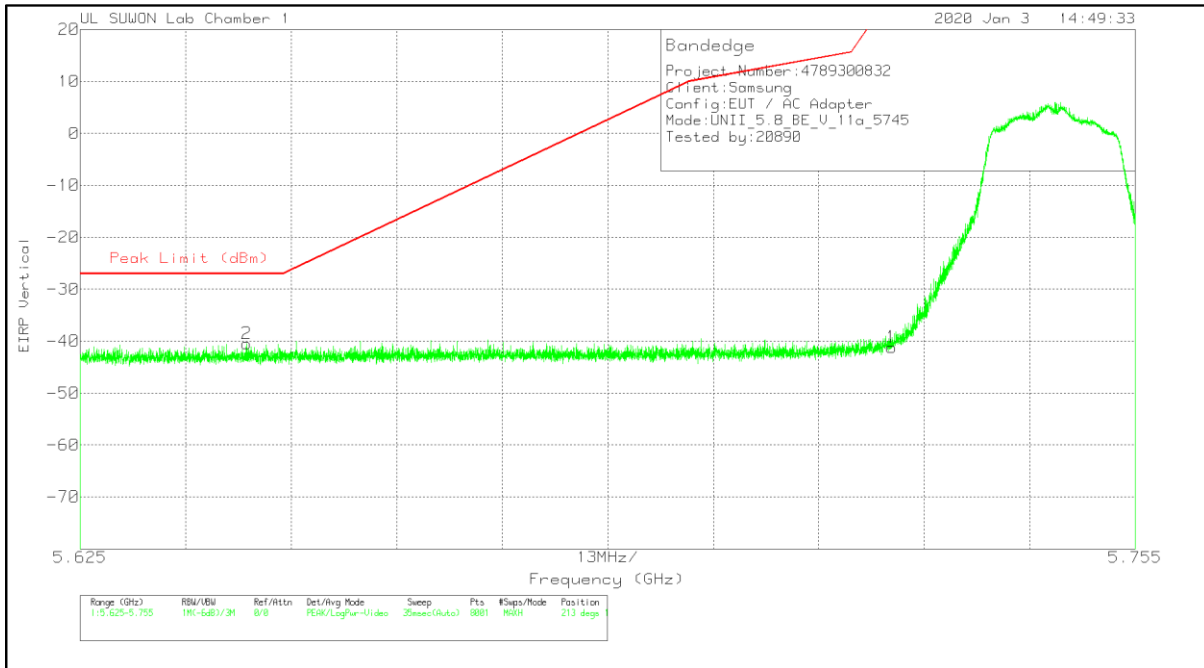


#### Trace Markers

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	-61.42	Pk	34.8	-21.1	11.8	0	-35.92	26.97	-62.89	148	111	H
2	5.62973	-65.71	Pk	34.7	-21.1	11.8	0	-40.31	-27	-13.31	148	111	H

Pk - Peak detector

**VERTICAL PEAK DATA**



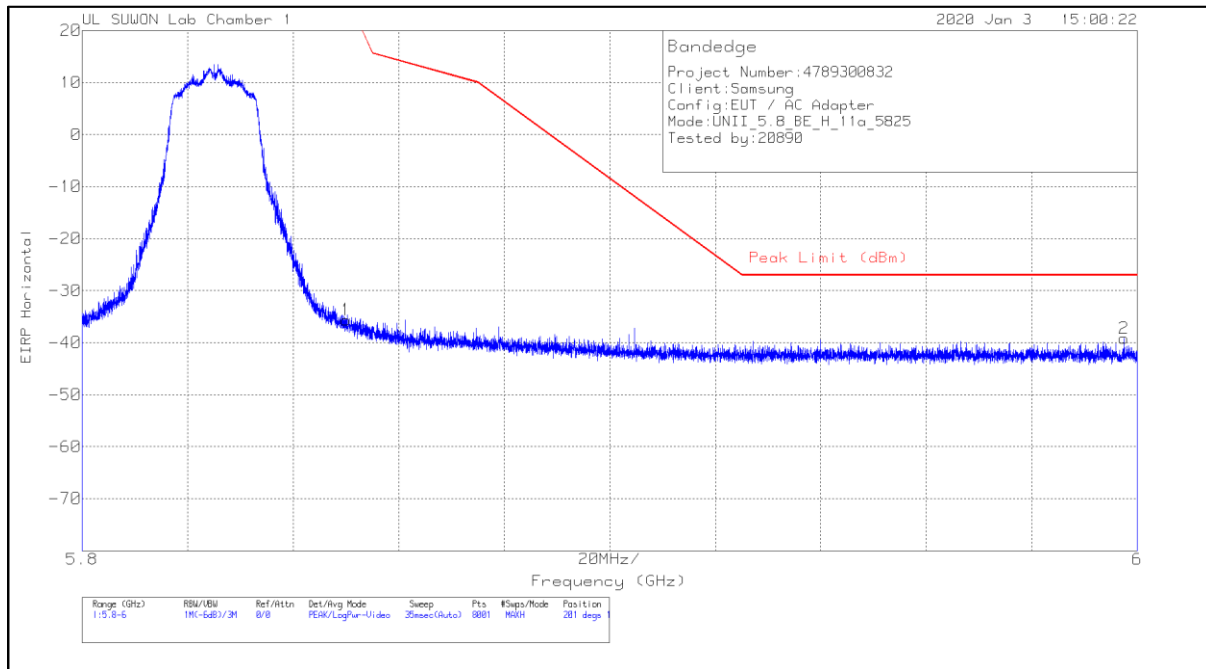
**Trace Markers**

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	-66.68	Pk	34.8	-21.1	11.8	0	-41.18	26.97	-68.15	213	110	V
2	5.64549	-65.97	Pk	34.7	-21	11.8	0	-40.47	-27	-13.47	213	110	V

Pk - Peak detector

**BADEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**



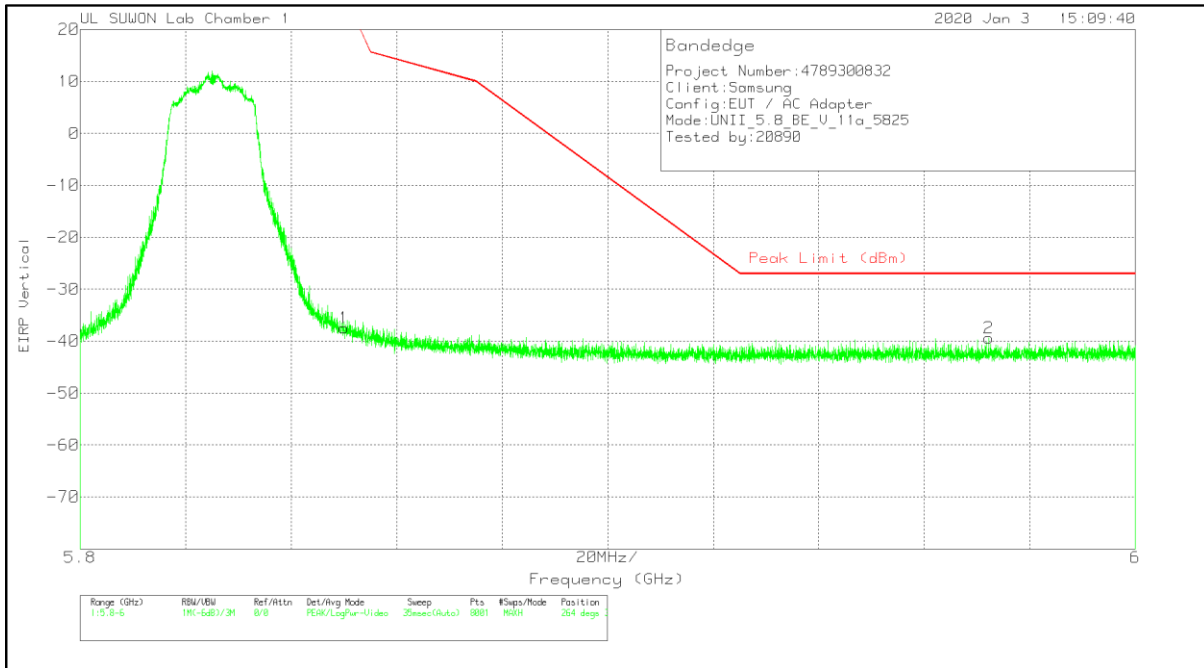
**Trace Markers**

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	-61.43	Pk	35	-21	11.8	0	-35.63	26.94	-62.57	201	101	H
2	5.9975	-65.47	Pk	35.1	-20.6	11.8	0	-39.17	-27	-12.17	201	101	H

Pk - Peak detector



**VERTICAL PEAK DATA**



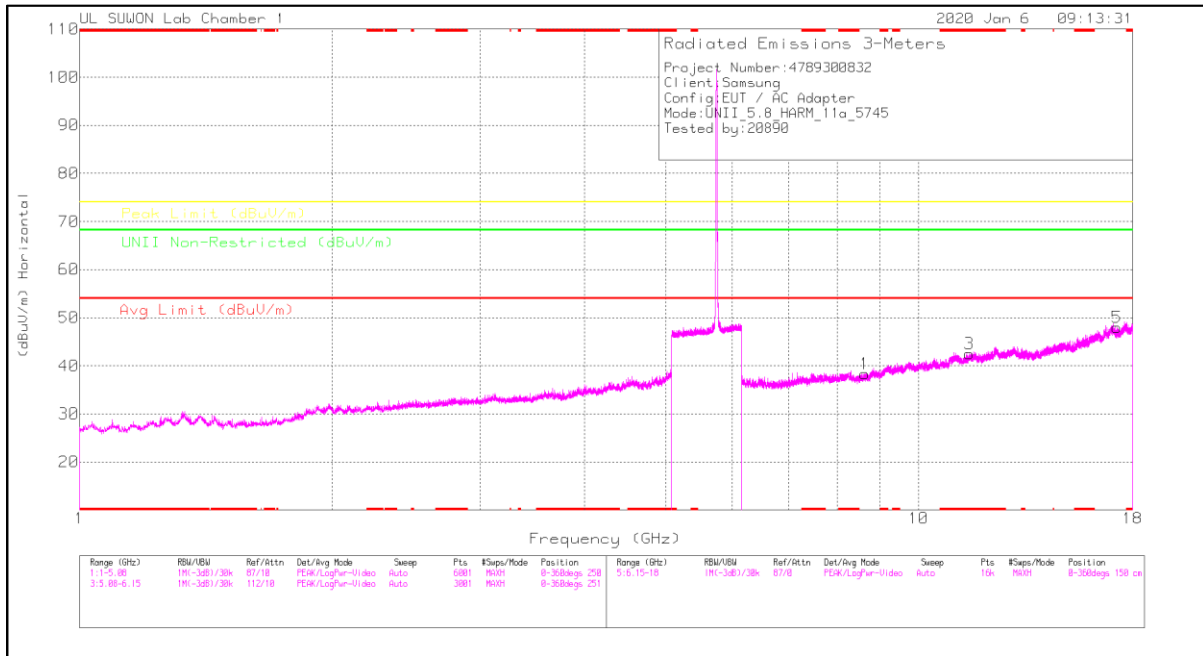
**Trace Markers**

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	-63.26	Pk	35	-21	11.8	0	-37.46	26.94	-64.4	264	348	V
2	5.97223	-65.62	Pk	35.1	-20.7	11.8	0	-39.42	-27	-12.42	264	348	V

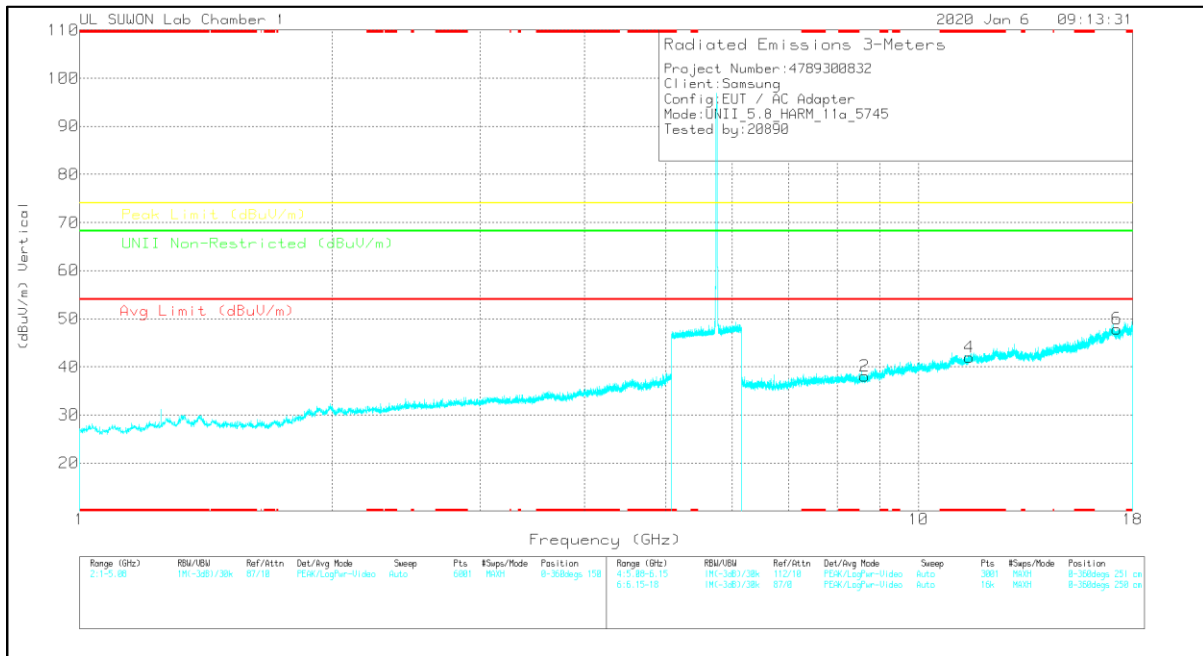
Pk - Peak detector

**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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	8.62427	23.88	PK	36.3	-24.9	0	38.28	-	-	-	-	68.2	-29.92	0-360	150	H
3	* 11.50587	26.37	PK	38.5	-22.4	0	42.47	-	-	74	-31.53	-	-	0-360	250	H
5	17.22906	24.32	PK	41.3	-17.6	0	48.02	-	-	-	-	68.2	-20.18	0-360	150	H
2	8.62724	26.71	PK	36.3	-24.9	0	38.11	-	-	-	-	68.2	-30.09	0-360	150	V
4	* 11.49698	25.92	PK	38.5	-22.4	0	42.02	-	-	74	-31.98	-	-	0-360	250	V
6	17.23425	24.12	PK	41.3	-17.5	0	47.92	-	-	-	-	68.2	-20.28	0-360	150	V

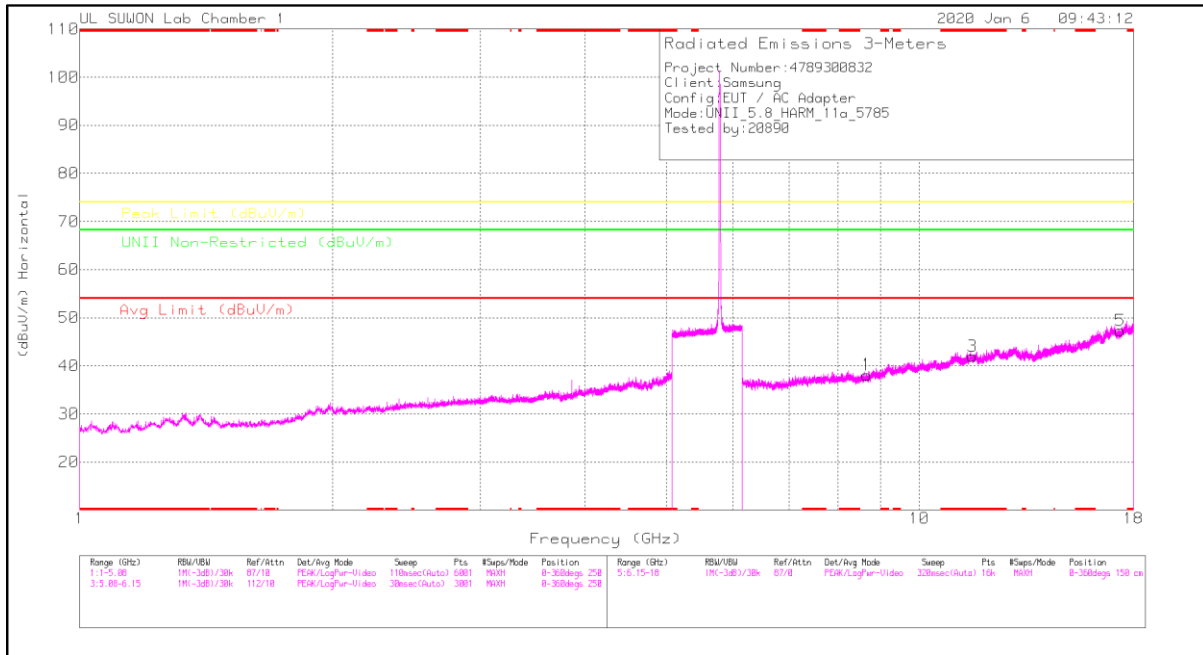
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

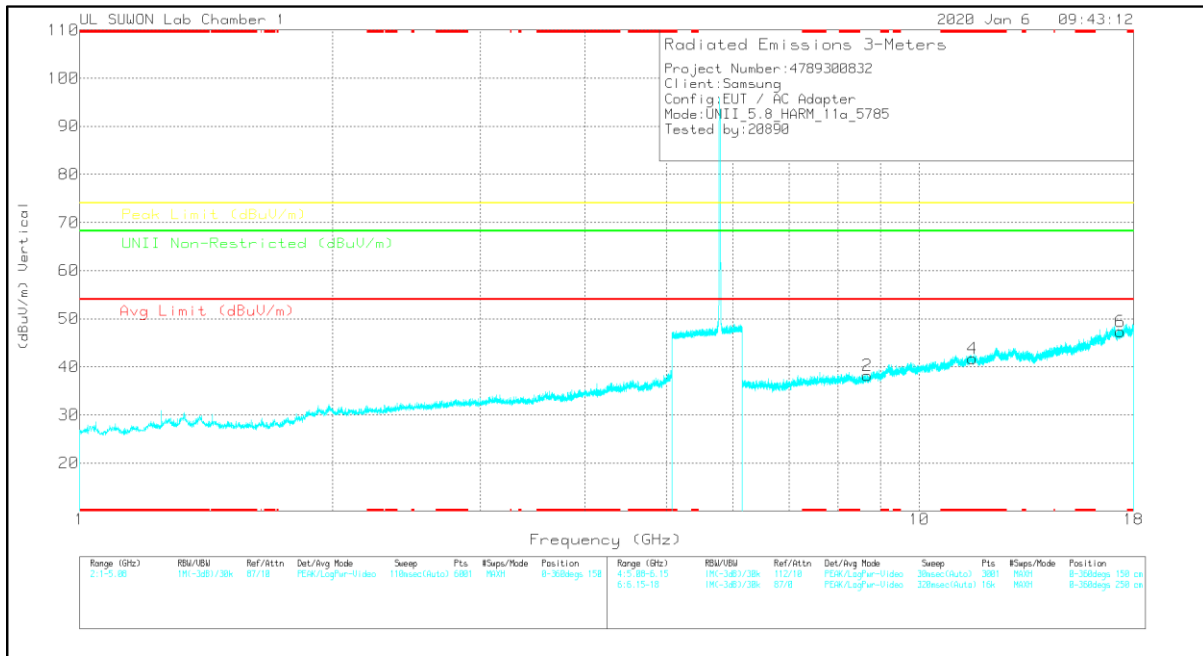
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.62285	36.46	PK-U	36.3	-24.9	0	47.86	-	-	-	-	68.2	-20.34	360	100	H
8.63212	37.11	PK-U	36.3	-24.9	0	48.51	-	-	-	-	68.2	-19.69	360	100	V
* 11.49657	36.15	PK-U	38.5	-22.4	0	52.25	-	-	74	-21.75	-	-	360	100	H
* 11.51559	36.28	PK-U	38.5	-22.4	0	52.38	-	-	74	-21.62	-	-	360	100	V
17.23053	34.49	PK-U	41.3	-17.5	0	56.29	-	-	-	-	68.2	-9.91	360	100	H
17.23031	34.05	PK-U	41.3	-17.5	0	57.85	-	-	-	-	68.2	-10.35	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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	8.65982	26.74	PK	36.4	-25	0	38.14	-	-	-	-	68.2	-30.06	0-360	150	H
3	* 11.57993	25.61	PK	38.6	-22.2	0	42.01	-	-	74	-31.99	-	-	0-360	250	H
5	17.36163	23.82	PK	41.2	-17.7	0	47.32	-	-	-	-	68.2	-20.88	0-360	150	H
2	8.67537	27.32	PK	36.4	-25.5	0	38.22	-	-	-	-	68.2	-29.98	0-360	250	V
4	* 11.5777	25.37	PK	38.6	-22.2	0	41.77	-	-	74	-32.23	-	-	0-360	150	V
6	17.36607	23.94	PK	41.2	-17.7	0	47.34	-	-	-	-	68.2	-20.86	0-360	150	V

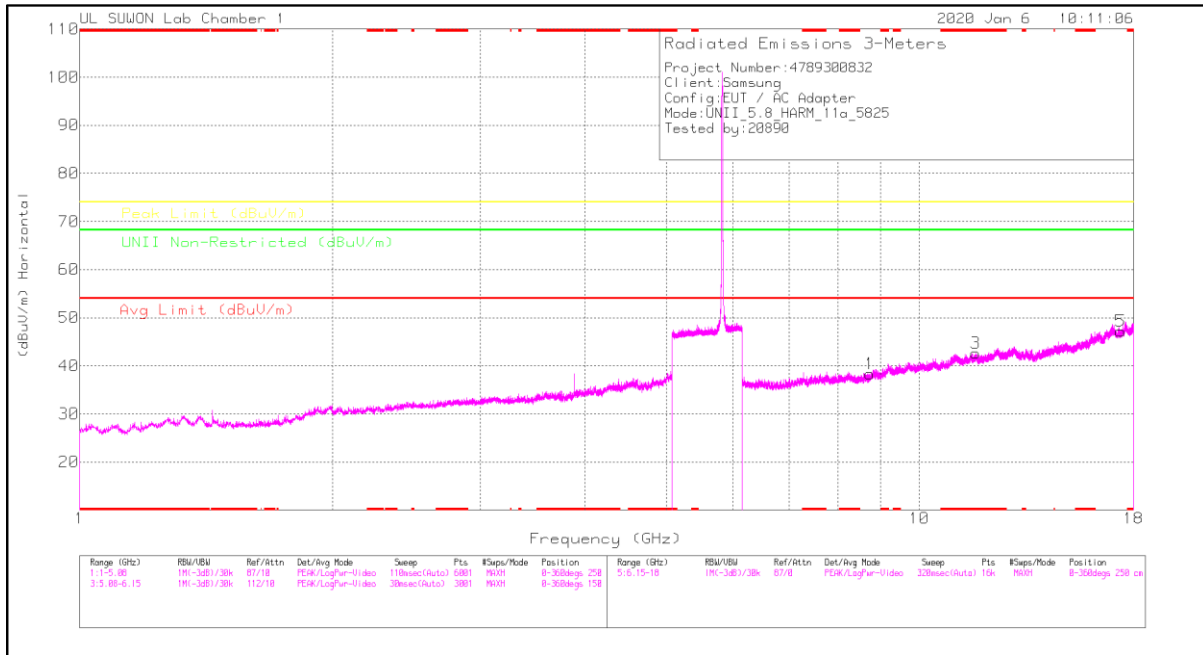
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

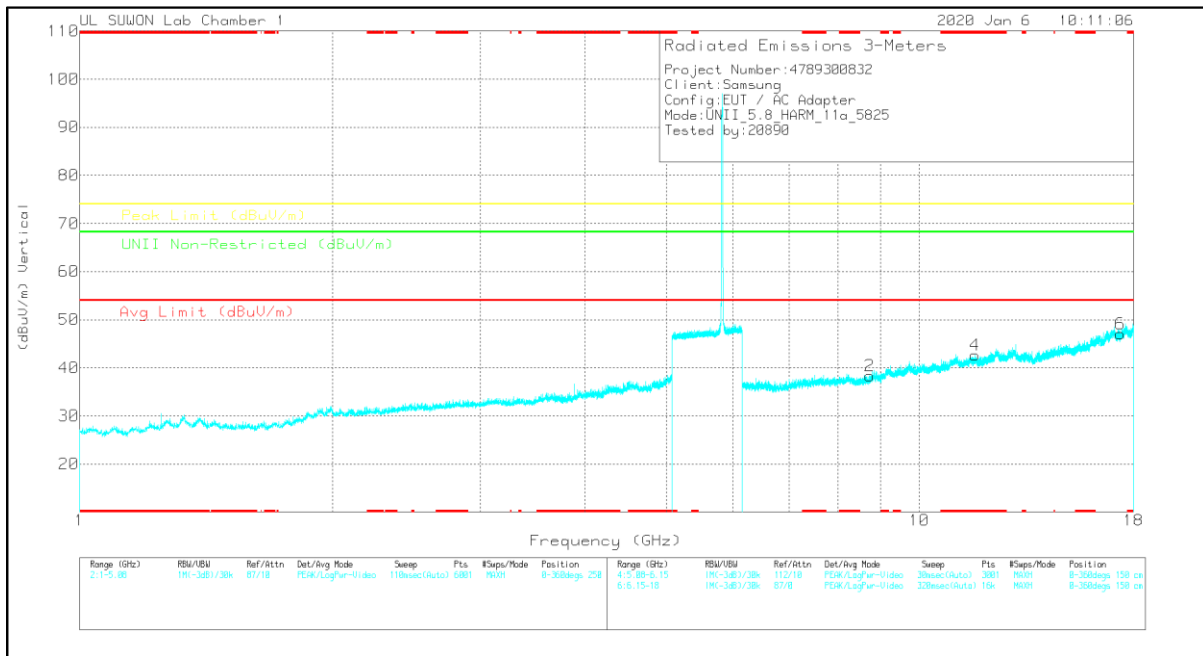
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.66118	37.42	PK-U	36.4	-25	0	48.82	-	-	-	-	68.2	-19.38	360	100	H
8.6517	37.59	PK-U	36.4	-25	0	48.99	-	-	-	-	68.2	-19.21	360	100	V
*11.58069	35.86	PK-U	38.6	-22.2	0	52.26	-	-	74	-21.74	-	-	360	100	H
*11.58044	36.12	PK-U	38.6	-22.2	0	52.52	-	-	74	-21.48	-	-	360	100	V
17.36576	34.79	PK-U	41.2	-17.7	0	58.29	-	-	-	-	68.2	-9.91	360	100	H
17.35966	34.01	PK-U	41.2	-17.7	0	57.51	-	-	-	-	68.2	-10.69	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**

**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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)	Azimuth (Degs)	Height (cm)	Polarity
1	8.73092	27.66	PK	36.4	-25.7	0	36.36	-	-	-	-	68.2	-29.84	0-360	150	H
3	* 11.66805	25.62	PK	38.7	-21.7	0	42.62	-	-	74	-31.38	-	-	0-360	250	H
5	17.3757	23.64	PK	41.2	-17.6	0	47.24	-	-	-	-	68.2	-20.96	0-360	250	H
2	8.73388	27.49	PK	36.4	-25.6	0	38.29	-	-	-	-	68.2	-29.91	0-360	150	V
4	* 11.66509	25.63	PK	38.7	-21.7	0	42.63	-	-	74	-31.37	-	-	0-360	250	V
6	17.36385	23.54	PK	41.2	-17.7	0	47.04	-	-	-	-	68.2	-21.16	0-360	150	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

**Radiated Emissions**

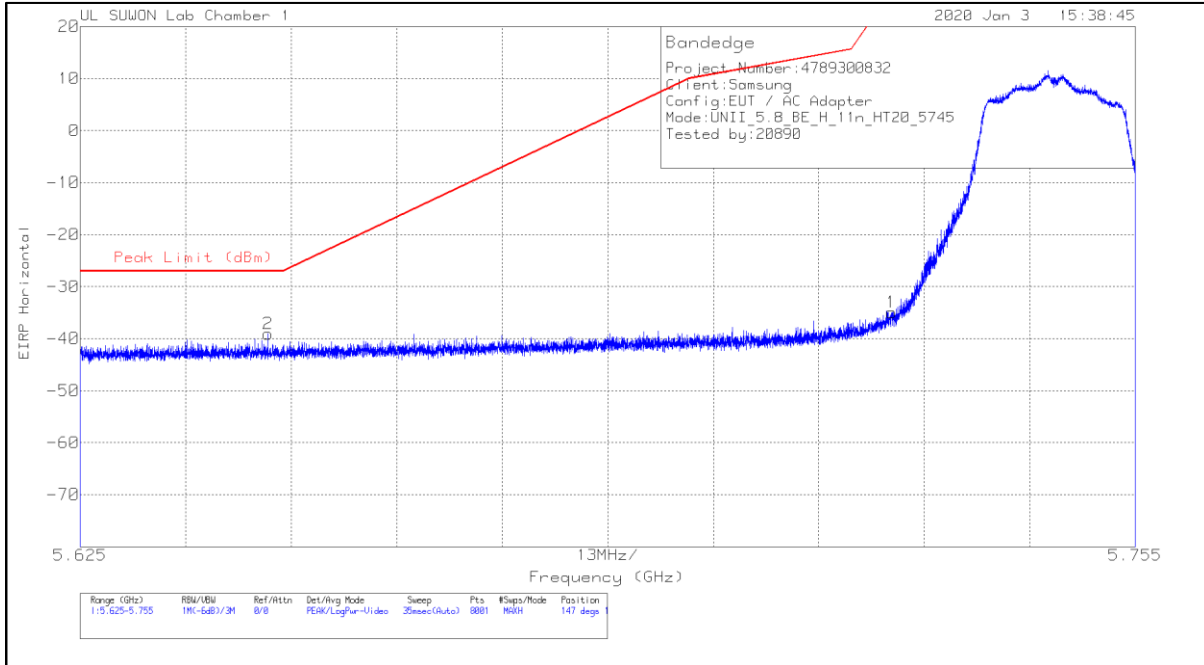
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.73487	37.57	PK-U	36.4	-25.7	0	48.27	-	-	-	-	68.2	-19.93	360	100	H
8.72894	37.62	PK-U	36.4	-25.7	0	48.32	-	-	-	-	68.2	-19.88	360	100	V
* 11.66974	35.97	PK-U	38.7	-21.8	0	52.87	-	-	74	-21.13	-	-	360	100	H
* 11.66811	36.08	PK-U	38.7	-21.7	0	53.08	-	-	74	-20.92	-	-	360	100	V
17.37582	33.86	PK-U	41.2	-17.7	0	57.36	-	-	-	-	68.2	-10.84	360	100	H
17.37656	33.64	PK-U	41.2	-17.6	0	57.24	-	-	-	-	68.2	-10.96	360	100	V

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

**11.5.2. TX ABOVE 1GHz 802.11n HT20 1Tx MODE IN THE 5.8GHz BAND**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK DATA**



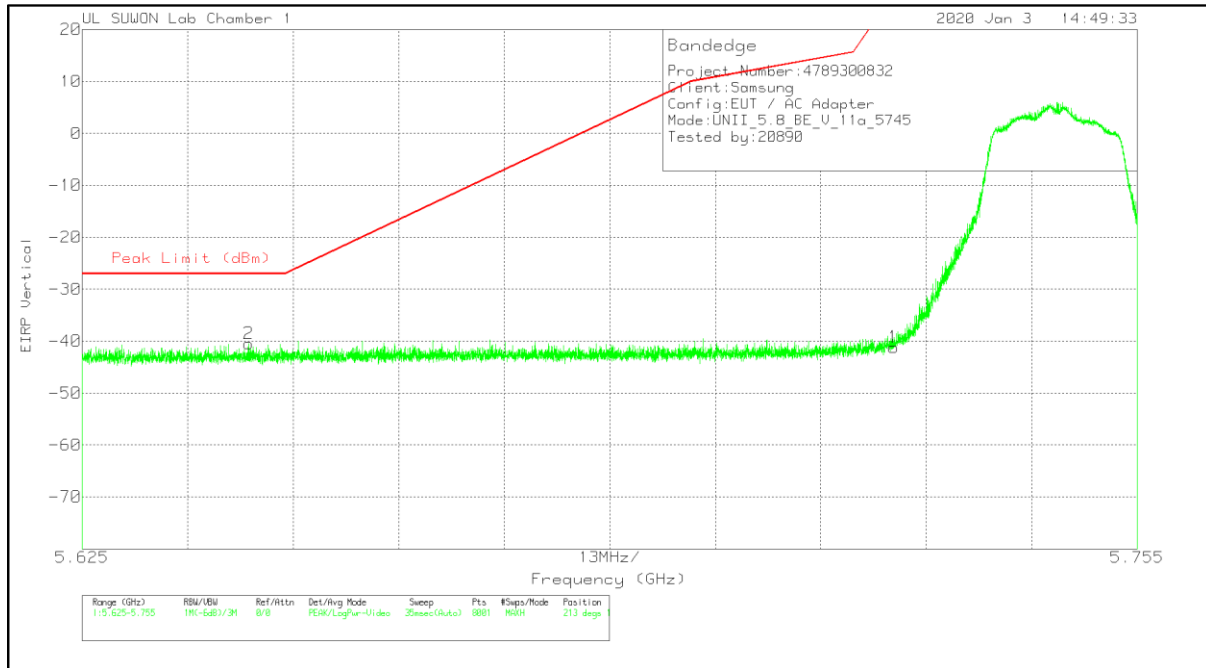
**Trace Markers**

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	-60.47	Pk	34.8	-21.1	11.8	0	-34.97	26.97	-61.94	147	112	H
2	5.64812	-64.58	Pk	34.7	-21	11.8	0	-39.08	-27	-12.08	147	112	H

Pk - Peak detector



**VERTICAL PEAK DATA**



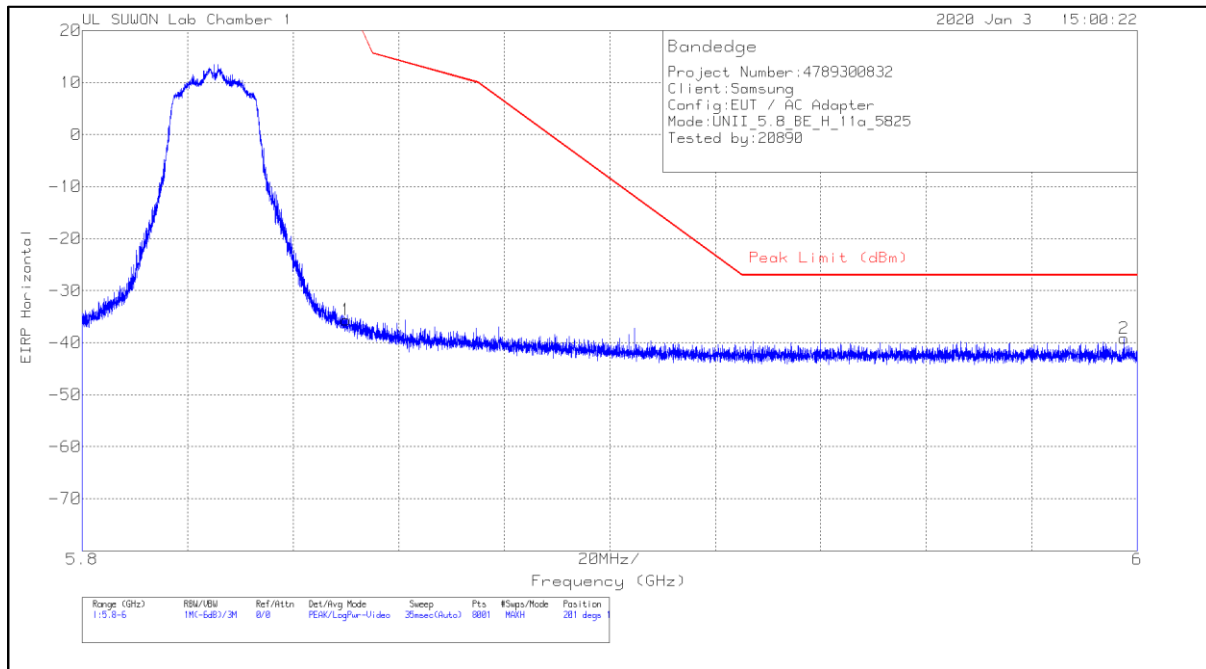
**Trace Markers**

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	-66.68	Pk	34.8	-21.1	11.8	0	-41.18	26.97	-68.15	213	110	V
2	5.84549	-65.97	Pk	34.7	-21	11.8	0	-40.47	-27	-13.47	213	110	V

Pk - Peak detector

**BADEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**

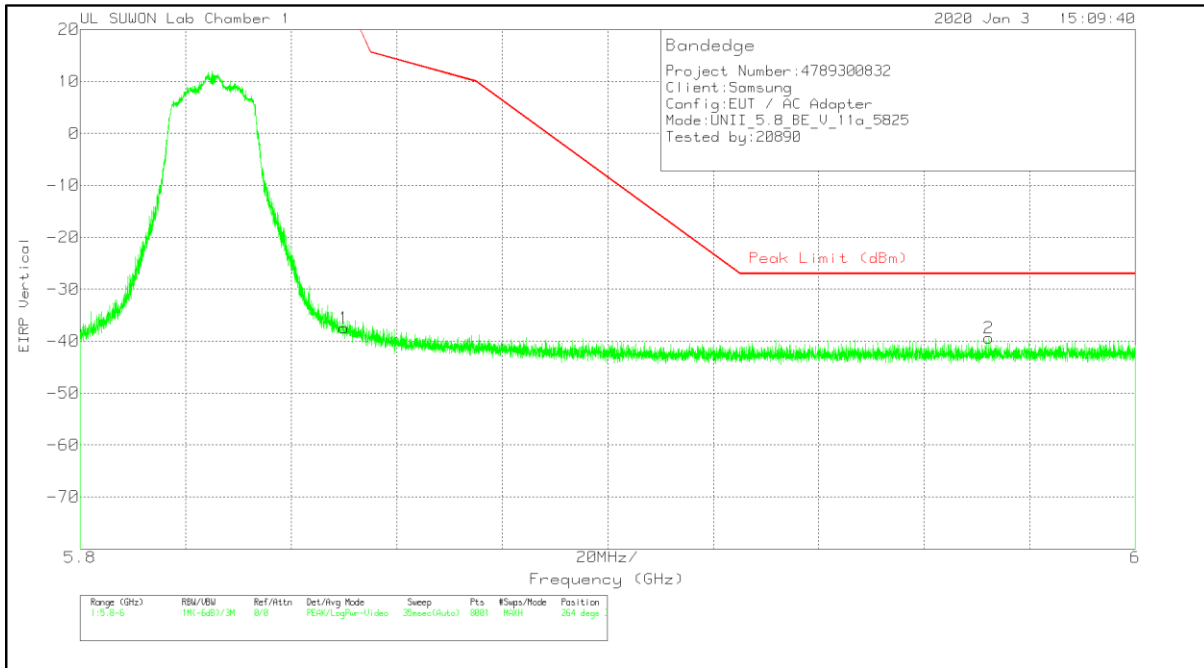


**Trace Markers**

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	-61.43	Pk	35	-21	11.8	0	-35.63	26.94	-62.57	201	101	H
2	5.9975	-65.47	Pk	35.1	-20.6	11.8	0	-39.17	-27	-12.17	201	101	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	-63.26	Pk	35	-21	11.8	0	-37.46	26.94	-64.4	264	348	V
2	5.97223	-65.62	Pk	35.1	-20.7	11.8	0	-39.42	-27	-12.42	264	348	V

Pk - Peak detector