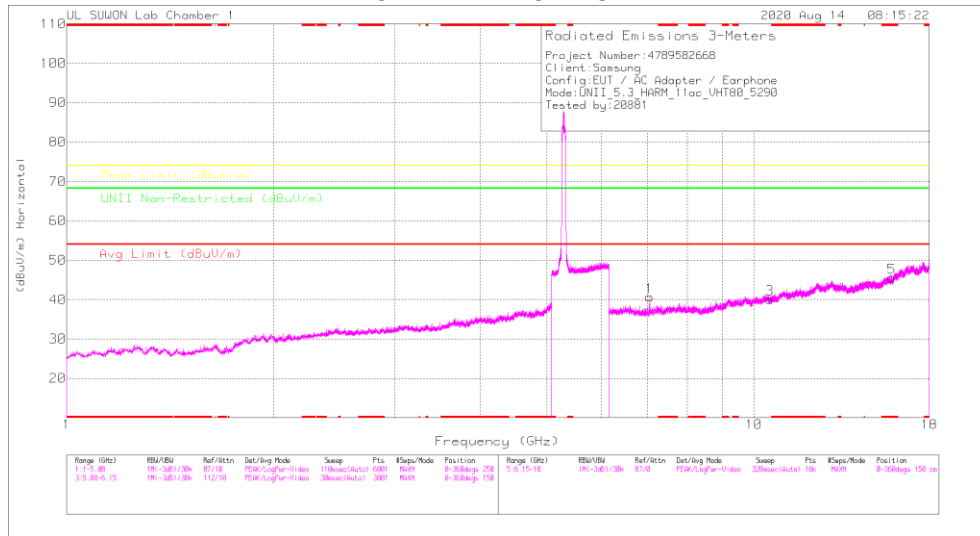
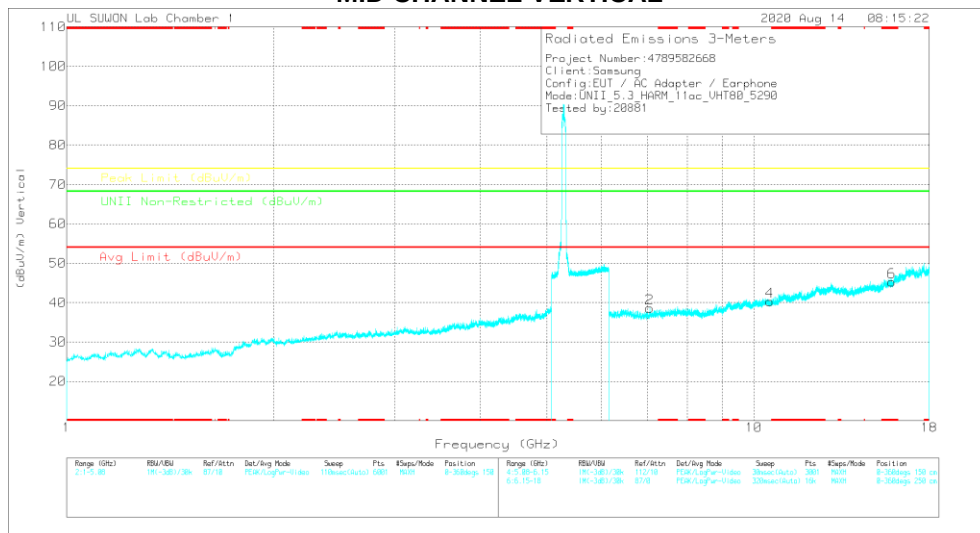


HARMONICS AND SPURIOUS EMISSIONS

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 (dBm)	Det	317_0021867	6GHz_HF[SBS]	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmth (dBm)	Height (cm)	Polarity
7.06322	40.95	PK-U	36	-27.9	0	49.05	-	-	-	-	68.2	-19.15	191	254	H
7.05307	40.46	PK-U	36	-27.9	0	48.56	-	-	-	-	68.2	-19.64	202	100	V
10.54117	35.65	PK-U	37.6	-22.9	0	50.35	-	-	-	-	68.2	-17.85	360	100	H
10.53834	36.15	PK-U	37.6	-23	0	50.75	-	-	-	-	68.2	-17.45	360	100	V
* 15.86914	36.03	PK-U	40.8	-21	0	55.83	-	-	74	-18.17	-	-	360	100	H
* 15.87178	35.95	PK-U	40.8	-21	0	55.75	-	-	74	-18.25	-	-	360	100	V
* 15.86993	24.06	ADR	40.8	-20.9	0	43.96	54	-10.04	-	-	-	-	360	100	H
* 15.87051	24.06	ADR	40.8	-21	0	43.96	54	-10.14	-	-	-	-	360	100	V

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

PK-U - U-NII: Maximum Peak

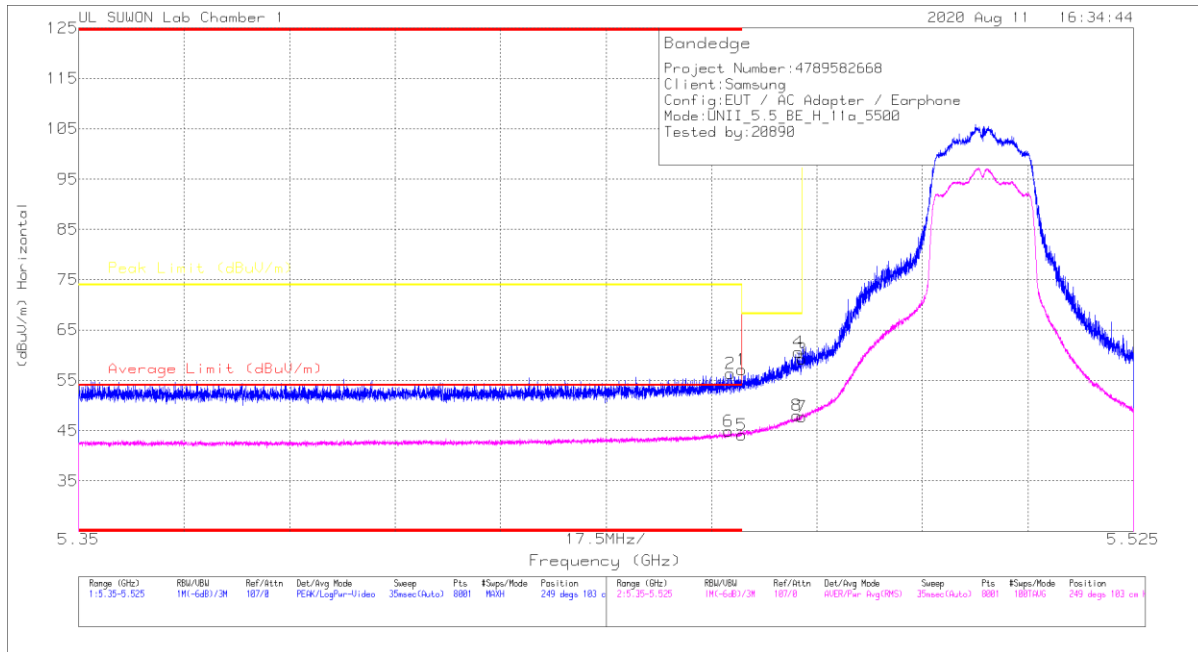
ADR - U-NII AD primary method, RMS average

11.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

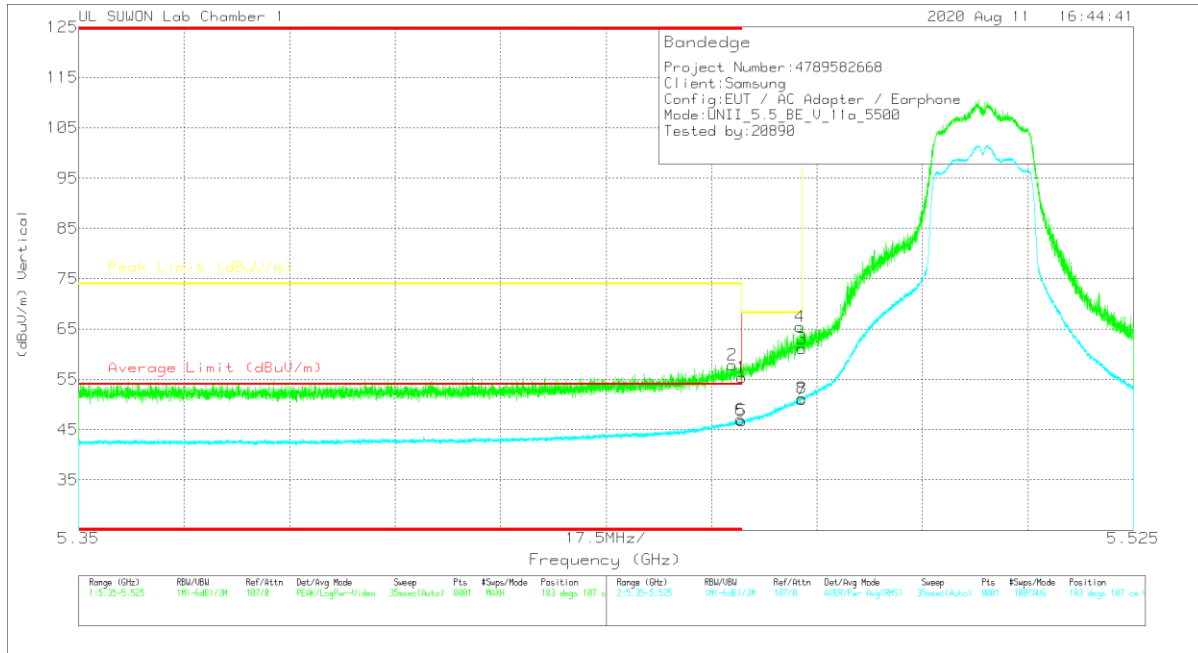
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 5.45999	43.48	Pk	35	-21.4	0	57.08	-	-	74	-16.92	249	103	H
2	* 5.45817	42.8	Pk	35	-21.4	0	56.4	-	-	74	-17.6	249	103	H
3	5.46998	45.72	Pk	35	-21.5	0	59.22	-	-	68.2	-8.98	249	103	H
4	5.46942	47.13	Pk	35	-21.5	0	60.63	-	-	68.2	-7.57	249	103	H
5	* 5.45999	30.56	RMS	35	-21.4	0	44.16	54	-9.84	-	-	249	103	H
6	* 5.45782	31.33	RMS	35	-21.4	0	44.93	54	-9.07	-	-	249	103	H
7	5.46998	34.27	RMS	35	-21.5	0	47.77	-	-	-	-	249	103	H
8	5.4692	34.56	RMS	35	-21.5	0	48.06	-	-	-	-	249	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_00218957	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	41.74	Pk	35	-21.4	0	55.34	-	-	74	-18.66	183	107	V
2	* 5.45846	44.4	Pk	35	-21.5	0	57.9	-	-	74	-16.1	183	107	V
3	5.46998	47.57	Pk	35	-21.5	0	61.07	-	-	68.2	-7.13	183	107	V
4	5.46968	51.94	Pk	35	-21.5	0	65.44	-	-	68.2	-2.76	183	107	V
5	* 5.45999	33.16	RMS	35	-21.4	0	46.76	54	-7.24	-	-	183	107	V
6	* 5.45979	33.56	RMS	35	-21.5	0	47.06	54	-6.94	-	-	183	107	V
7	5.46998	37.53	RMS	35	-21.5	0	51.03	-	-	-	-	183	107	V
8	5.46994	37.77	RMS	35	-21.5	0	51.27	-	-	-	-	183	107	V

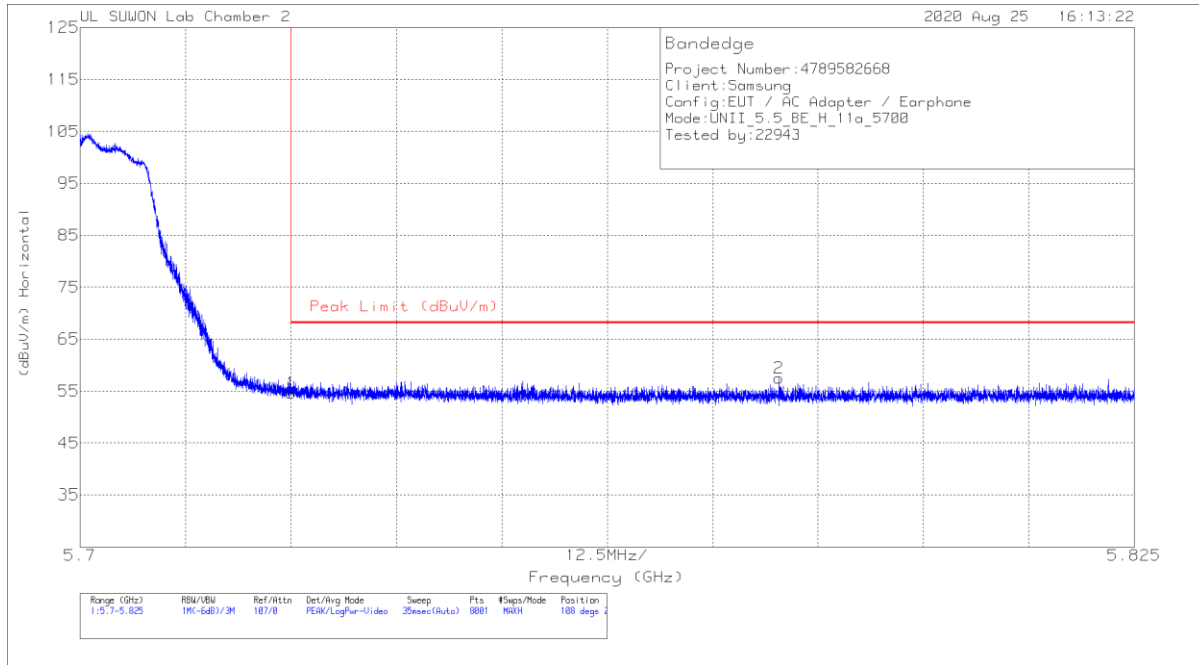
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

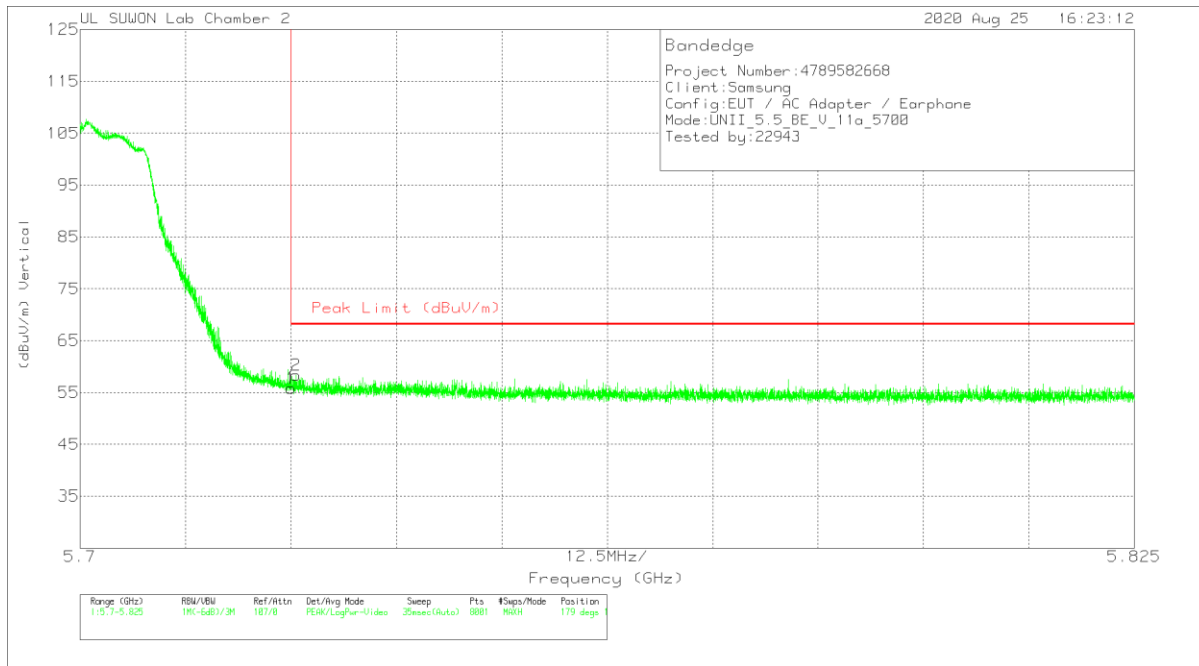


Trace Markers

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	37.4	Pk	34.7	-17.5	0	54.6	68.2	-13.6	108	279	H
2	5.78288	40.1	Pk	34.8	-17.4	0	57.5	68.2	-10.7	108	279	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



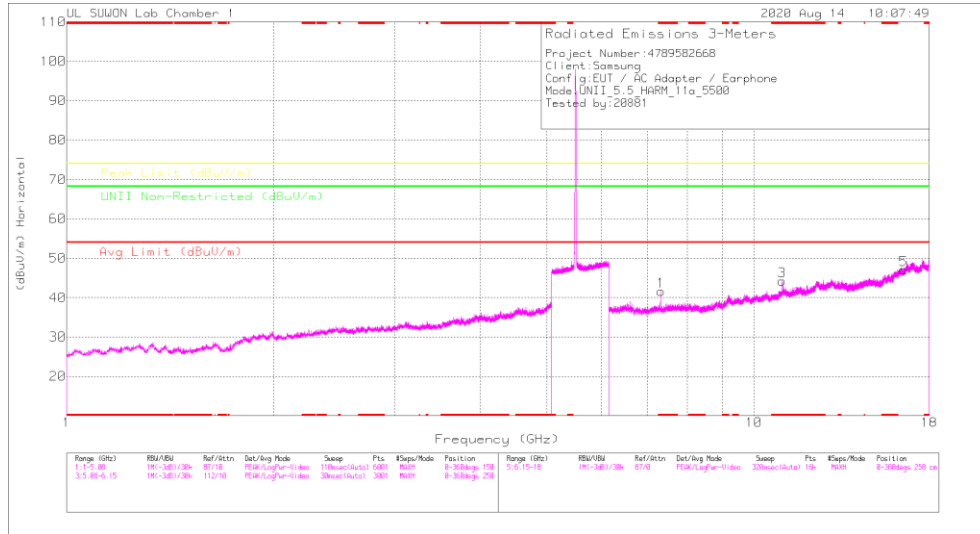
Trace Markers

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	38.62	Pk	34.7	-17.5	0	55.82	68.2	-12.38	179	100	V
2	5.72561	41.23	Pk	34.7	-17.6	0	58.33	68.2	-9.87	179	100	V

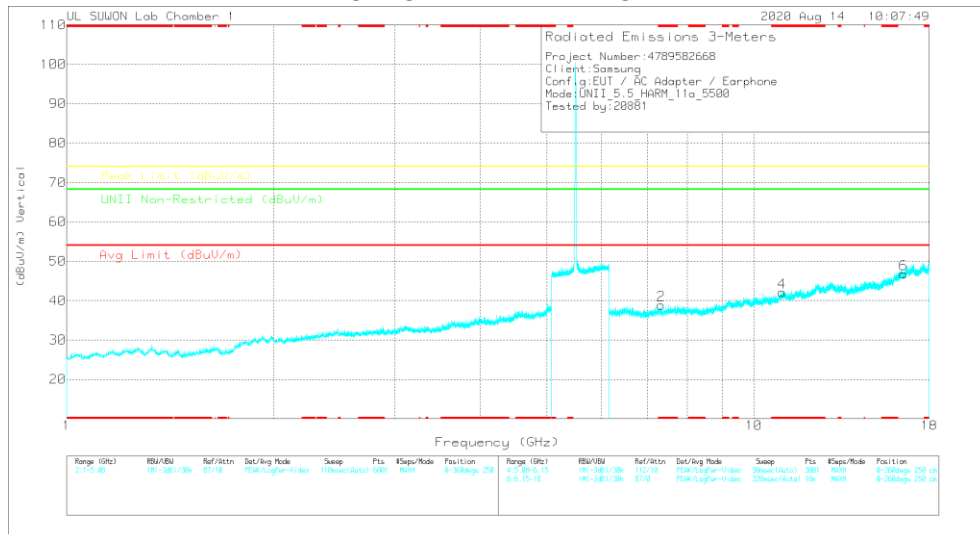
Pk - Peak detector

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

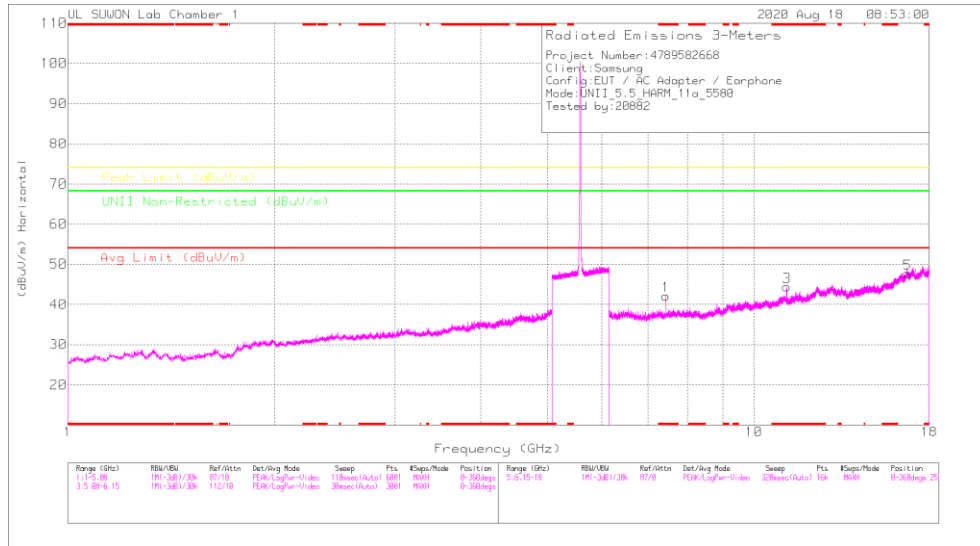
Frequency (MHz)	Major Reading (dBuV)	Det	317_00218957	6GHz HP95B	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (m)	Polarity
* 7.33216	41.68	PK-U	35.9	-27.3	0	50.28	-	-11.9	74	-23.72	-	-	196	244	H
* 7.3335	33.5	ADR	35.9	-27.3	0	42.1	54	-	74	-24.71	-	-	196	244	H
* 7.33358	40.69	PK-U	35.9	-27.3	0	49.29	-	-	74	-24.71	-	-	173	105	V
* 7.33326	30.99	ADR	35.9	-27.3	0	39.59	54	-14.41	-	-	-	-	173	105	V
* 11.00327	39.47	PK-U	38	-21.8	0	55.67	-	-	74	-18.33	-	-	214	269	H
* 10.99983	26.54	ADR	38	-21.9	0	42.64	54	-11.36	-	-	-	-	214	269	H
* 11.00175	37.62	PK-U	38	-21.8	0	53.82	-	-	74	-20.18	-	-	152	392	V
* 11.00026	26.25	ADR	38	-21.9	0	41.35	54	-12.65	-	-	-	-	152	392	V
16.50688	35.52	PK-U	41.6	-19.5	0	57.62	-	-	-	-	68.2	-10.58	0	100	H
16.50456	35.41	PK-U	41.6	-19.6	0	57.41	-	-	-	-	68.2	-10.79	0	100	V

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

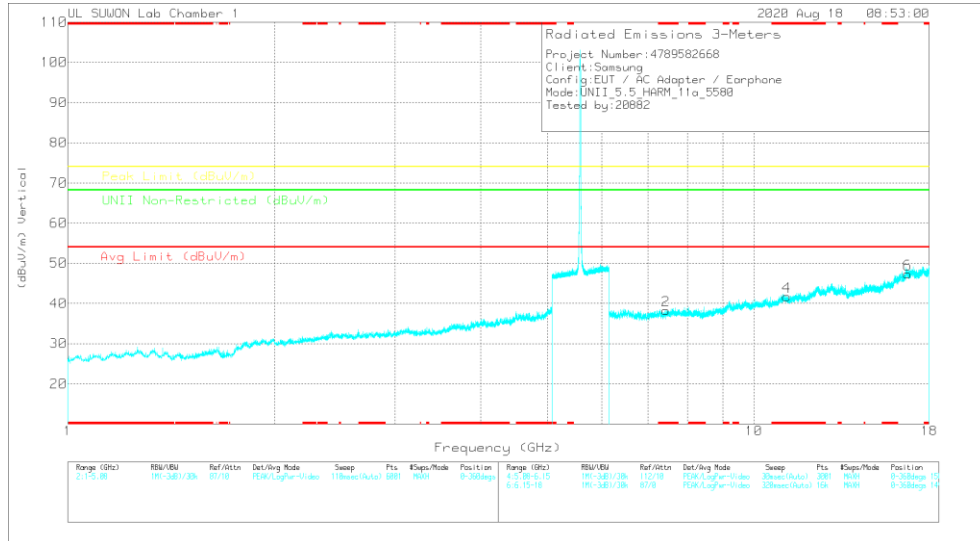
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

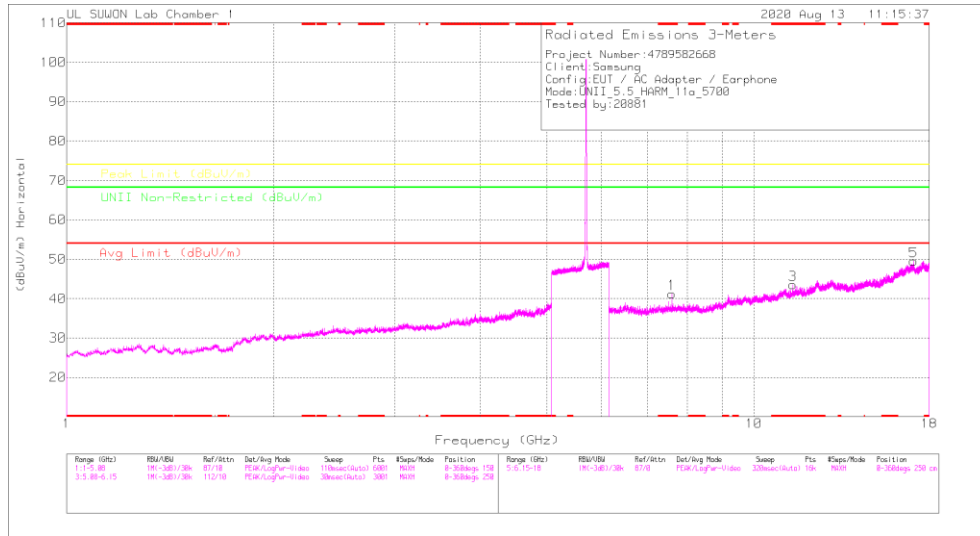
Frequency (GHz)	Power Reading (dBm)	Det	317_002667	60Hz_HF998	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (m)	Height (m)	Priority
*7.43981	41.41	PK-U	35.9	-27.5	0	49.81	-	-	74	-24.19	-	-	202	122	H
*7.43997	33.76	ADR	35.9	-27.5	0	42.26	54	-11.82	74	-24.89	-	-	202	122	H
*7.44019	40.71	PK-U	35.9	-27.5	0	49.11	-	-	74	-24.89	-	-	176	106	V
*7.44001	31.32	ADR	35.9	-27.5	0	39.72	54	-14.28	-	-	-	-	176	106	V
*11.16246	39.8	PK-U	38.2	-22.6	0	55.4	-	-	74	-18.6	-	-	97	100	H
*11.16014	26.88	ADR	38.2	-22.6	0	42.48	54	-11.52	-	-	-	-	97	100	H
*11.15358	37.53	PK-U	38.2	-22.6	0	53.13	-	-	74	-20.87	-	-	250	110	V
*11.1603	25.45	ADR	38.2	-22.6	0	41.05	54	-12.95	-	-	-	-	250	110	V
16.73837	34.39	PK-U	42	-18.1	0	58.29	-	-	-	-	68.2	-9.91	0	100	H
16.73905	35.06	PK-U	42	-18.1	0	58.96	-	-	-	-	68.2	-9.24	0	100	V

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

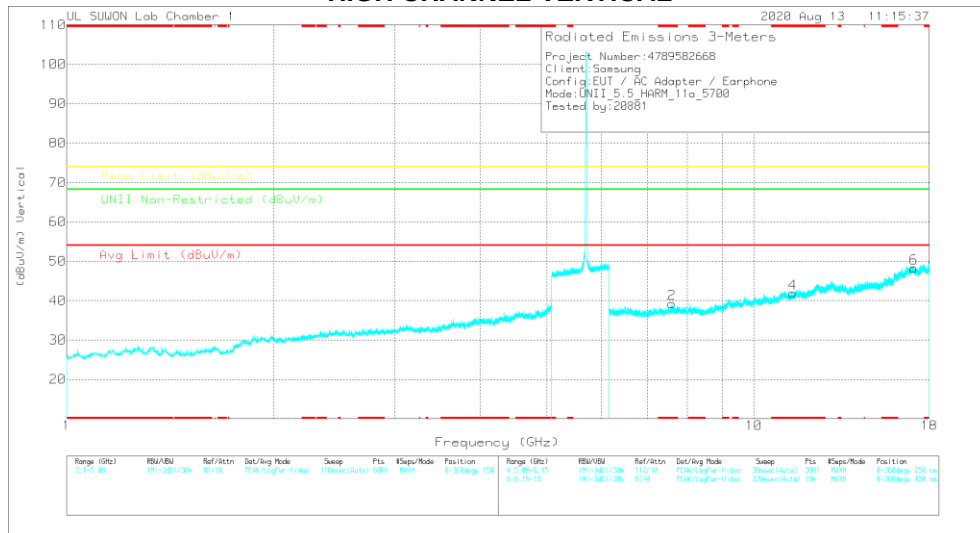
PK-U - U-NII: Maximum Peak

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)	Meas Reading (dBuV)	Det	317_00218957	60Hz_HF958	DC 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)	Antenn (dBi)	Height (cm)	Polarity
* 7.59991	40.62	PK-U	36	-26.8	0	49.82	-	-	74	-24.18	-	-	195	101	H
* 7.59991	31.65	ADR	36	-26.8	0	40.85	54	-13.15	-	-	-	-	195	101	H
* 7.60019	39.09	PK-U	36	-26.8	0	48.29	-	-	74	-25.71	-	-	185	102	V
* 7.59999	29.04	ADR	36	-26.8	0	38.24	54	-15.76	-	-	-	-	185	102	V
* 11.39501	38.76	PK-U	38.2	-22.4	0	54.56	-	-	74	-19.44	-	-	192	134	H
* 11.39981	26.27	ADR	38.2	-22.4	0	42.07	54	-11.93	-	-	-	-	192	134	H
* 11.39573	36.62	PK-U	38.2	-22.4	0	52.62	-	-	74	-21.38	-	-	196	100	V
* 11.39977	24.47	ADR	38.2	-22.4	0	40.27	54	-13.73	-	-	-	-	196	100	V
17.07853	34.67	PK-U	42	-17.3	0	59.37	-	-	-	-	68.2	-8.83	360	100	H
17.08164	34.47	PK-U	42	-17.3	0	59.17	-	-	-	-	68.2	-9.03	360	100	V

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

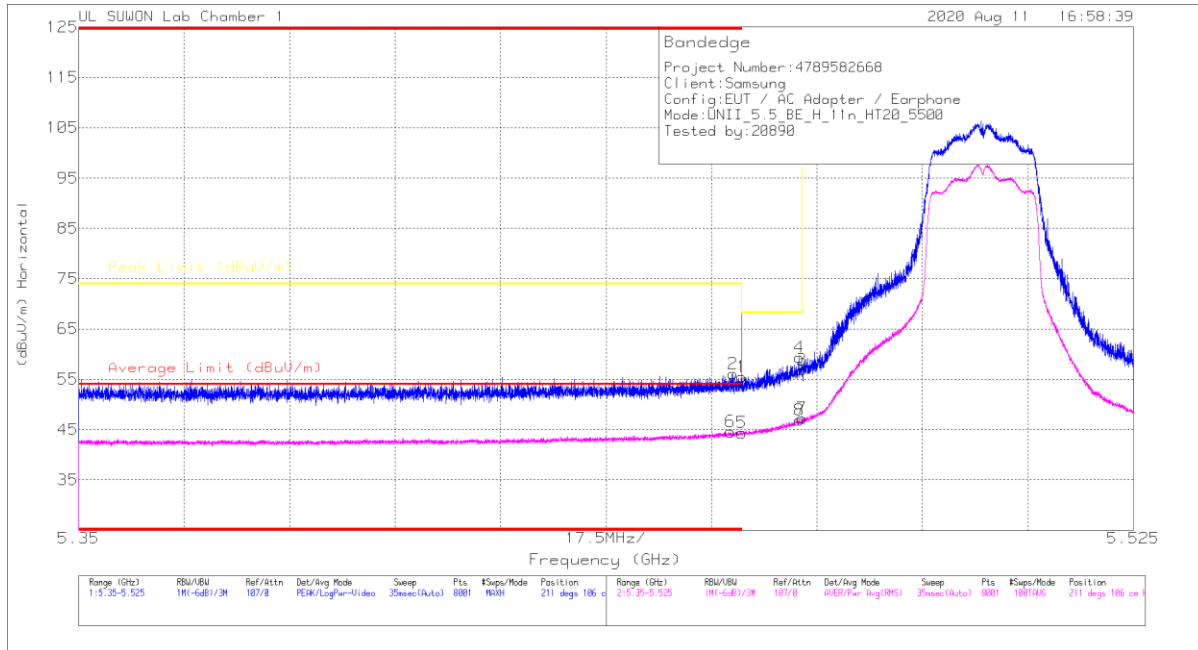
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

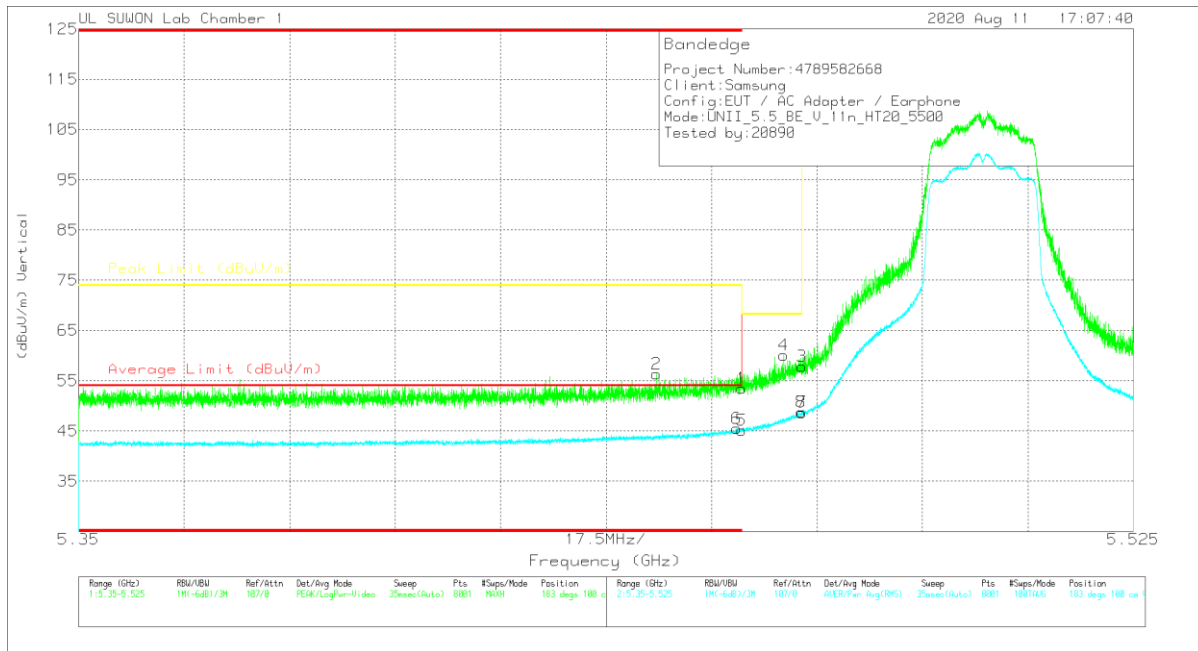
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	41.92	Pk	35	-21.4	0	55.52	-	-	74	-18.48	211	106	H
2	* 5.45854	42.67	Pk	35	-21.5	0	56.17	-	-	74	-17.83	211	106	H
3	5.46998	43.37	Pk	35	-21.5	0	56.87	-	-	68.2	-11.33	211	106	H
4	5.46955	45.83	Pk	35	-21.5	0	59.33	-	-	68.2	-8.87	211	106	H
5	* 5.45999	30.74	RMS	35	-21.4	0	44.34	54	-9.66	-	-	211	106	H
6	* 5.45817	30.99	RMS	35	-21.4	0	44.59	54	-9.41	-	-	211	106	H
7	5.46998	33.72	RMS	35	-21.5	0	47.22	-	-	-	-	211	106	H
8	5.46961	33.38	RMS	35	-21.5	0	46.88	-	-	-	-	211	106	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_00218957	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	39.88	Pk	35	-21.4	0	53.48	-	-	74	-20.52	183	100	V
2	* 5.44583	42.81	Pk	35	-21.5	0	56.31	-	-	74	-17.69	183	100	V
3	5.46998	44.35	Pk	35	-21.5	0	57.85	-	-	68.2	-10.35	183	100	V
4	5.46997	46.52	Pk	35	-21.4	0	60.12	-	-	68.2	-8.08	183	100	V
5	* 5.45999	31.52	RMS	35	-21.4	0	45.12	54	-8.88	-	-	183	100	V
6	* 5.45922	31.98	RMS	35	-21.5	0	45.48	54	-8.52	-	-	183	100	V
7	5.46998	35.2	RMS	35	-21.5	0	48.7	-	-	-	-	183	100	V
8	5.4699	35.26	RMS	35	-21.5	0	48.76	-	-	-	-	183	100	V

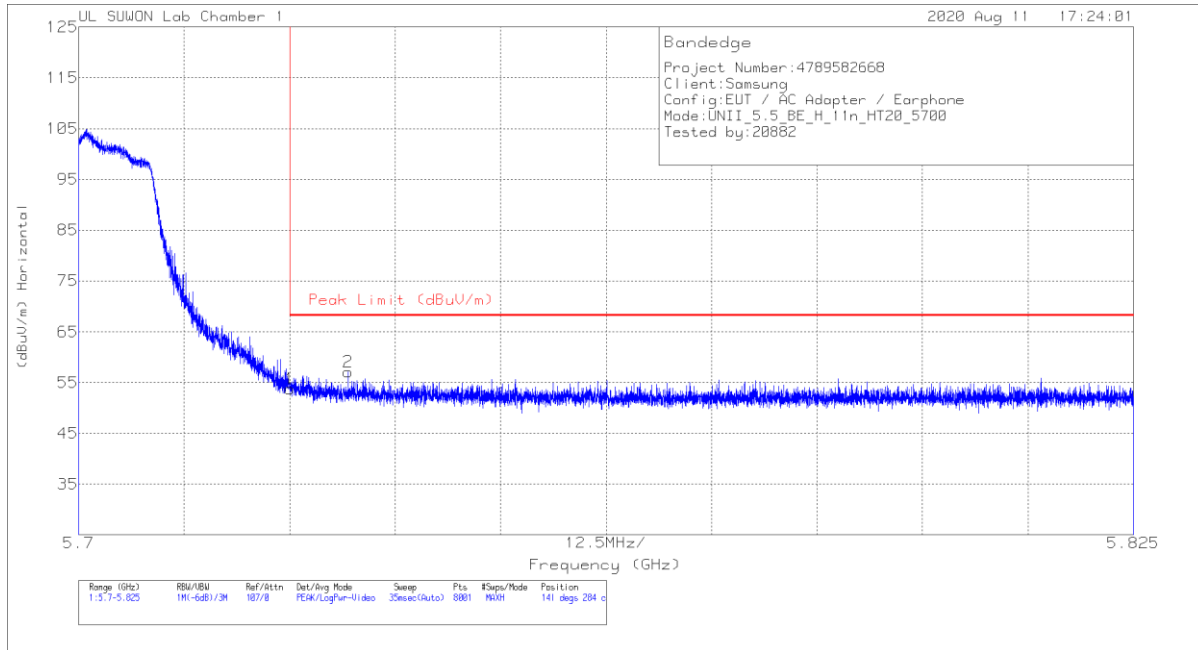
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

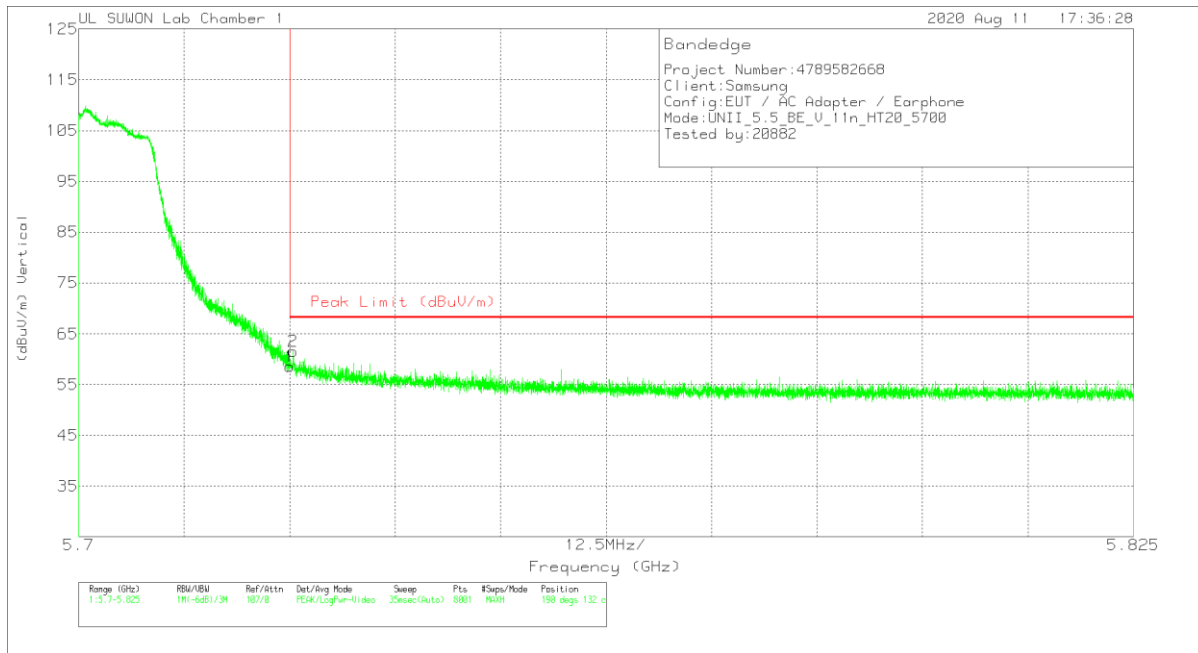


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	39.73	Pk	35.2	-21.1	0	53.83	68.2	-14.37	141	284	H
2	5.73192	43.06	Pk	35.2	-21.1	0	57.16	68.2	-11.04	141	284	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



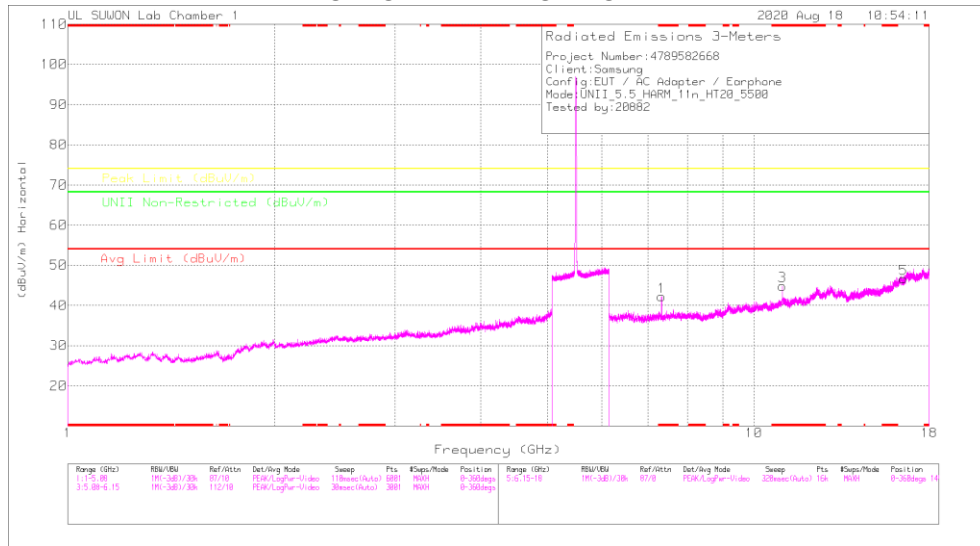
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	44.52	Pk	35.2	-21.1	0	58.62	68.2	-9.58	190	132	V
2	5.72542	47.46	Pk	35.2	-21.1	0	61.56	68.2	-6.64	190	132	V

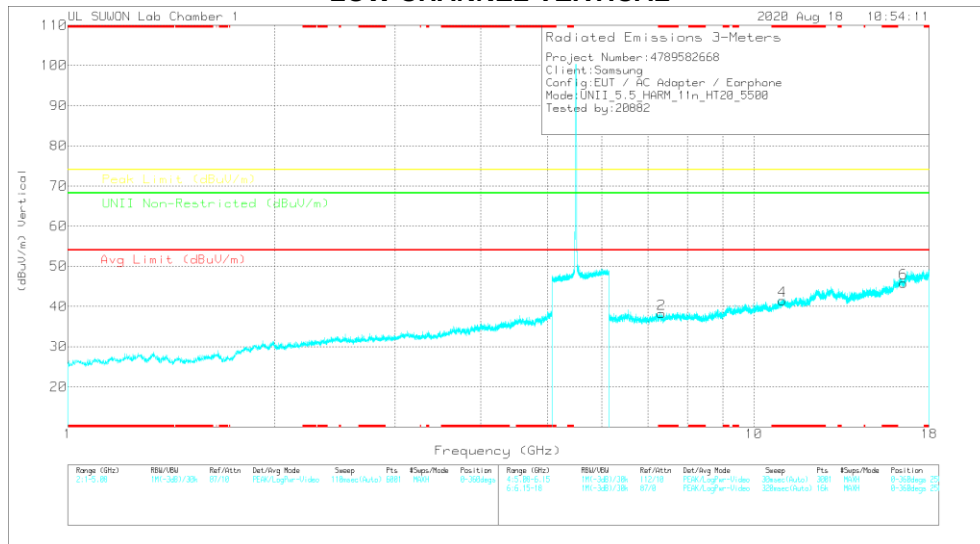
Pk - Peak detector

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

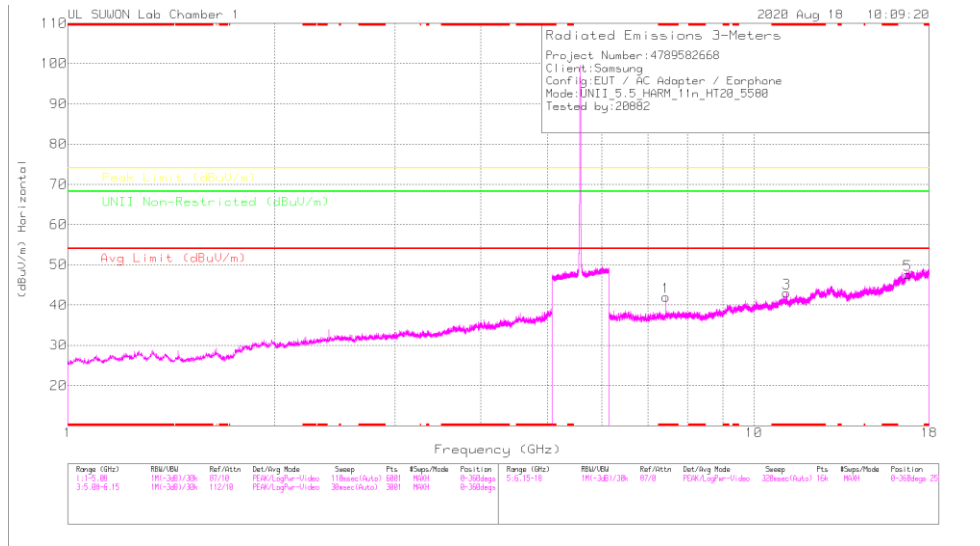
Frequency (GHz)	Water Reading (dBuV)	Det	317_00218957	6GHz_HF(8B)	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Antenna (dBi)	Height (cm)	Polarity
* 7.33317	41.49	PK-U	35.9	-27.3	0	50.09	-	-	74	-23.91	-	-	200	247	H
* 7.33333	33.85	ADR	35.9	-27.3	0	42.45	54	-11.55	-	-	-	-	200	247	H
* 7.33323	40	PK-U	35.9	-27.3	0	48.6	-	-	74	-25.4	-	-	178	101	V
* 7.33329	30.66	ADR	35.9	-27.3	0	39.26	54	-14.74	-	-	-	-	178	101	V
* 10.99633	38.01	PK-U	38	-21.9	0	54.11	-	-	74	-19.89	-	-	93	121	H
* 10.99993	25.85	ADR	38	-21.9	0	41.95	54	-12.05	-	-	-	-	93	121	H
* 10.99485	37.1	PK-U	38	-21.9	0	53.2	-	-	74	-20.8	-	-	248	101	V
* 11.00017	24.55	ADR	38	-21.9	0	40.65	54	-13.35	-	-	-	-	248	101	V
16.50484	35.57	PK-U	41.6	-19.6	0	57.57	-	-	-	-	68.2	-10.63	0	100	H
16.50319	35.37	PK-U	41.6	-19.7	0	57.27	-	-	-	-	68.2	-10.93	0	100	V

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

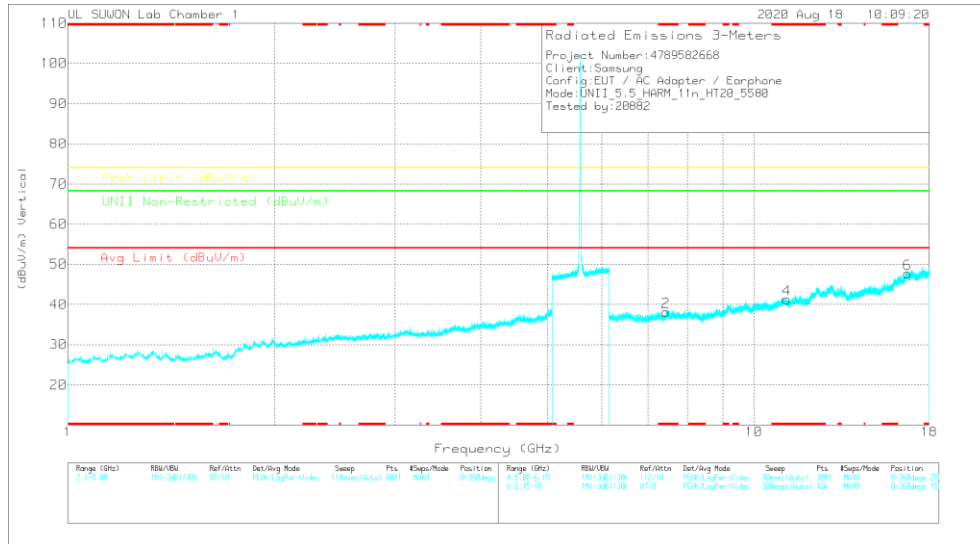
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

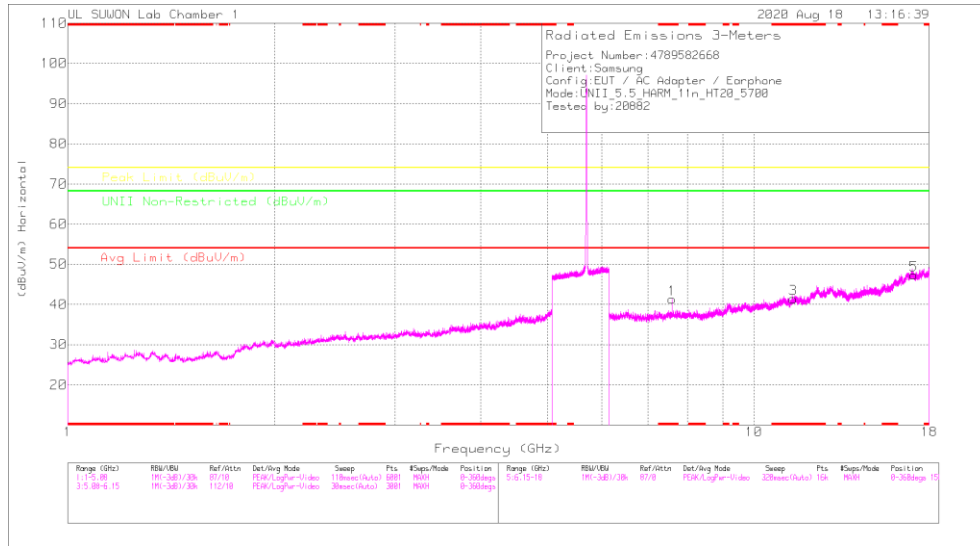
Frequency (GHz)	Mean Reading (dBuV)	Det	3117_00218957	6GHz_HF[68]	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Acimuth (Deg)	Height (cm)	Polarity
* 7.43983	41.44	PK-U	35.9	-27.5	0	49.84	-	-	74	-24.16	-	-	202	136	H
* 7.43997	33.41	ADR	35.9	-27.5	0	41.81	54	-12.19	-	-	-	-	202	136	H
* 7.44005	40.76	PK-U	35.9	-27.5	0	49.16	-	-	74	-24.84	-	-	176	108	V
* 7.43999	31.03	ADR	35.9	-27.5	0	39.43	54	-14.57	-	-	-	-	176	108	V
* 11.15851	39.57	PK-U	38.2	-22.6	0	55.17	-	-	74	-18.83	-	-	97	100	H
* 11.15939	28.53	ADR	38.2	-22.6	0	42.13	54	-11.87	-	-	-	-	97	100	H
* 11.16015	37.27	PK-U	38.2	-22.6	0	52.87	-	-	74	-21.13	-	-	251	113	V
* 11.15751	25.21	ADR	38.2	-22.6	0	40.81	54	-13.19	-	-	-	-	251	113	V
16.73365	35.05	PK-U	42	-18	0	59.05	-	-	-	-	68.2	-9.15	0	100	H
16.73213	34.3	PK-U	42	-18	0	58.3	-	-	-	-	68.2	-9.9	0	100	V

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

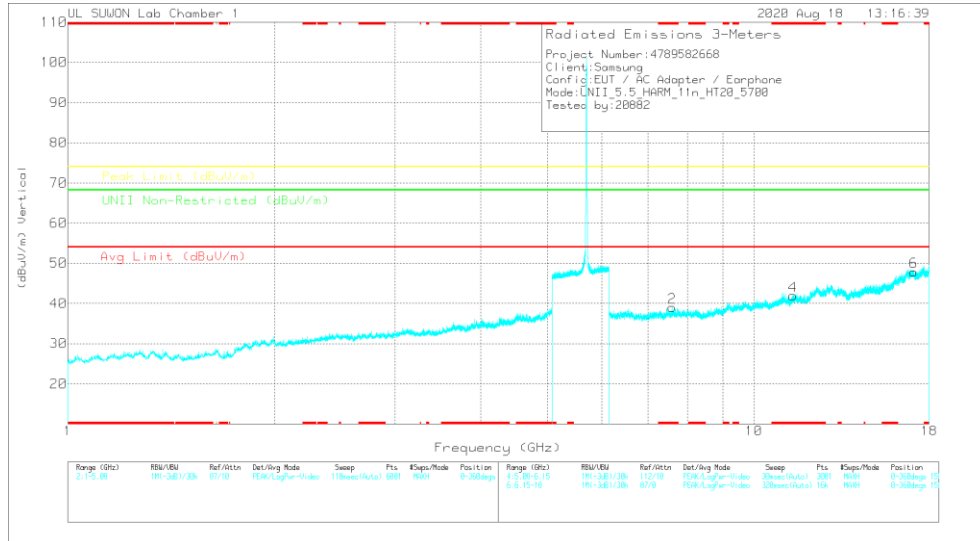
PK-U - U-NII: Maximum Peak

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)	Mean Reading (dBuV)	Det	317_0021867	SQL_HPSSE	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
* 7.59977	39.89	PK-U	36	-26.8	0	49.09	-	-	74	-24.91	-	-	195	100	H
* 7.60001	31.13	ADR	36	-26.8	0	40.33	54	-13.67	74	-25.03	-	-	195	100	H
* 7.59973	35.77	PK-U	36	-26.8	0	48.97	-	-	74	-25.03	-	-	0	350	V
* 7.59997	28.93	ADR	36	-26.8	0	38.13	54	-15.87	-	-	-	-	0	350	V
* 11.40053	36.22	PK-U	38.2	-22.4	0	52.02	-	-	74	-21.98	-	-	0	100	H
* 11.39996	35.73	PK-U	38.2	-22.4	0	52.53	-	-	74	-21.47	-	-	0	100	V
17.10137	34.37	PK-U	42	-17.5	0	58.77	-	-	-	-	68.2	-9.43	0	100	H
17.10352	34.43	PK-U	42	-17.7	0	58.73	-	-	-	-	68.2	-9.47	0	100	V

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

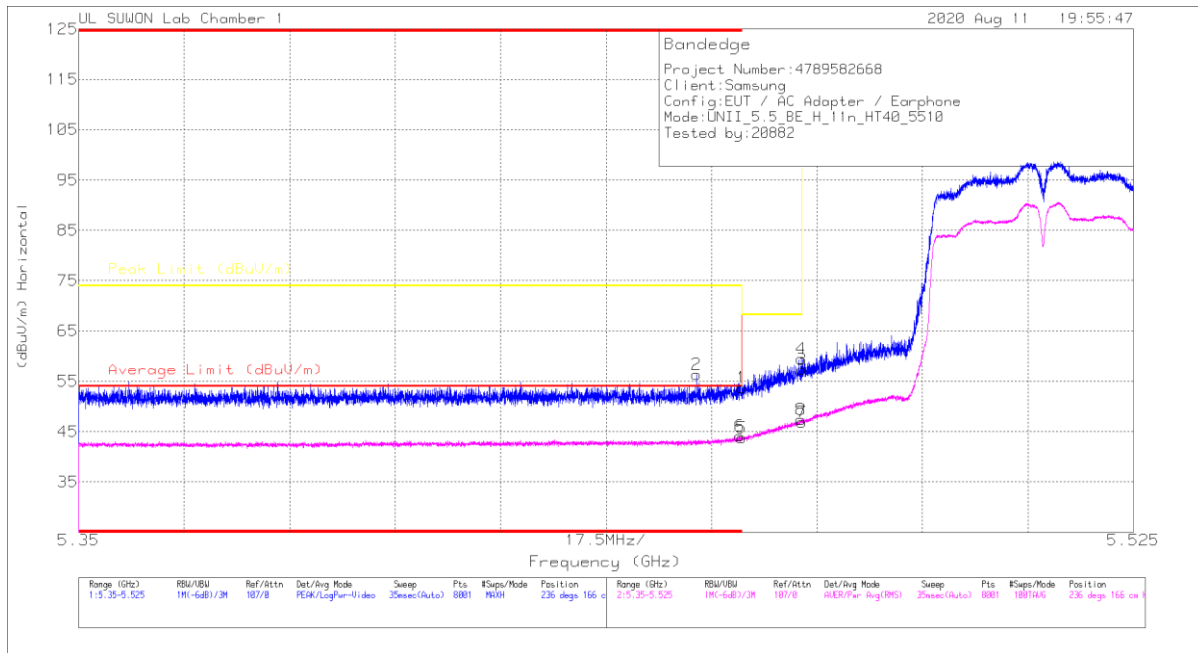
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

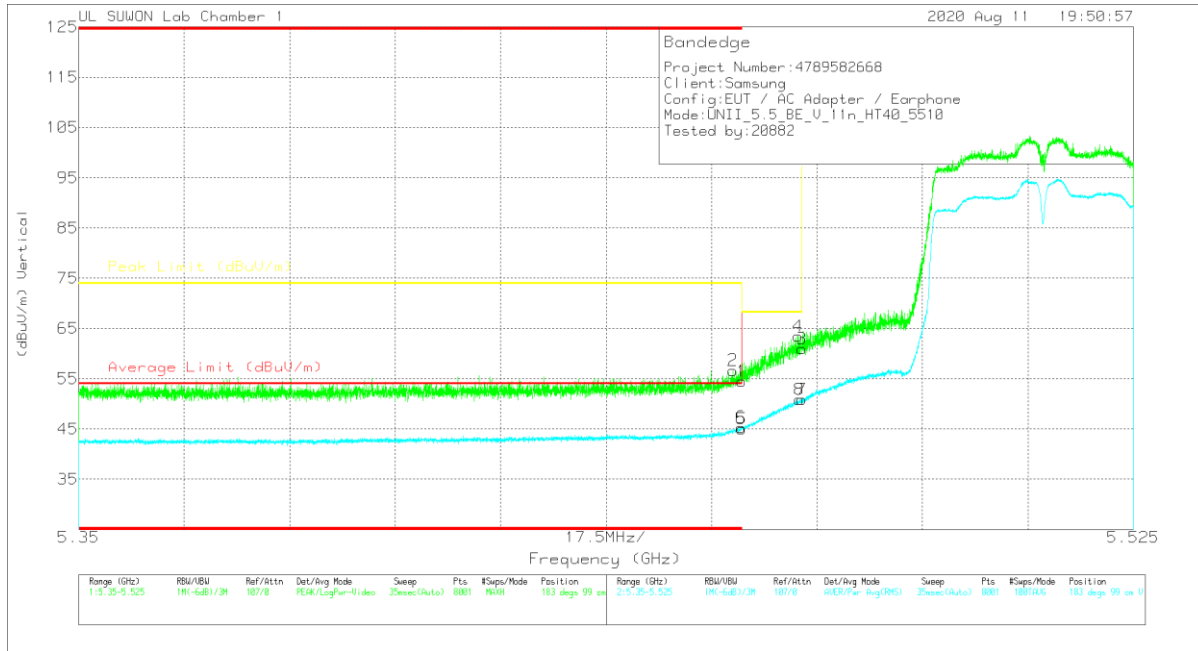
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	40.17	Pk	35	-21.4	0	53.77	-	-	74	-20.23	236	166	H
2	* 5.45251	42.82	Pk	35	-21.5	0	56.32	-	-	74	-17.68	236	166	H
3	5.46998	43.87	Pk	35	-21.5	0	57.37	-	-	68.2	-10.83	236	166	H
4	5.46985	46	Pk	35	-21.5	0	59.5	-	-	68.2	-8.7	236	166	H
5	* 5.45999	30.13	RMS	35	-21.4	0	43.73	54	-10.27	-	-	236	166	H
6	* 5.45966	30.61	RMS	35	-21.5	0	44.11	54	-9.89	-	-	236	166	H
7	5.46998	33.34	RMS	35	-21.5	0	46.34	-	-	-	-	236	166	H
8	5.46983	33.9	RMS	35	-21.5	0	47.4	-	-	-	-	236	166	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_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.45999	40.89	Pk	35	-21.4	0	54.49	-	-	74	-19.51	183	99	V
2	* 5.45957	43.17	Pk	35	-21.5	0	56.67	-	-	74	-17.33	183	99	V
3	5.46998	47.47	Pk	35	-21.5	0	60.97	-	-	68.2	-7.23	183	99	V
4	5.46939	50.01	Pk	35	-21.5	0	63.51	-	-	68.2	-4.69	183	99	V
5	* 5.45999	31.43	RMS	35	-21.4	0	45.03	54	-8.97	-	-	183	99	V
6	* 5.45992	31.73	RMS	35	-21.4	0	45.33	54	-8.67	-	-	183	99	V
7	5.46998	37.39	RMS	35	-21.5	0	50.89	-	-	-	-	183	99	V
8	5.46961	37.39	RMS	35	-21.5	0	50.89	-	-	-	-	183	99	V

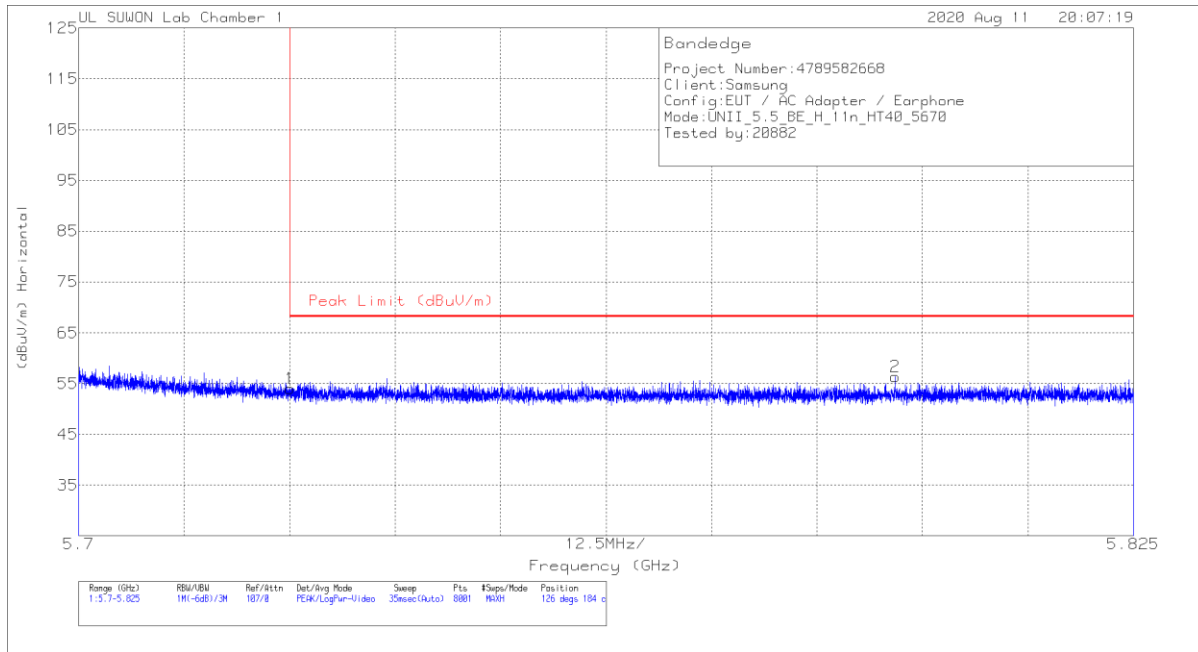
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

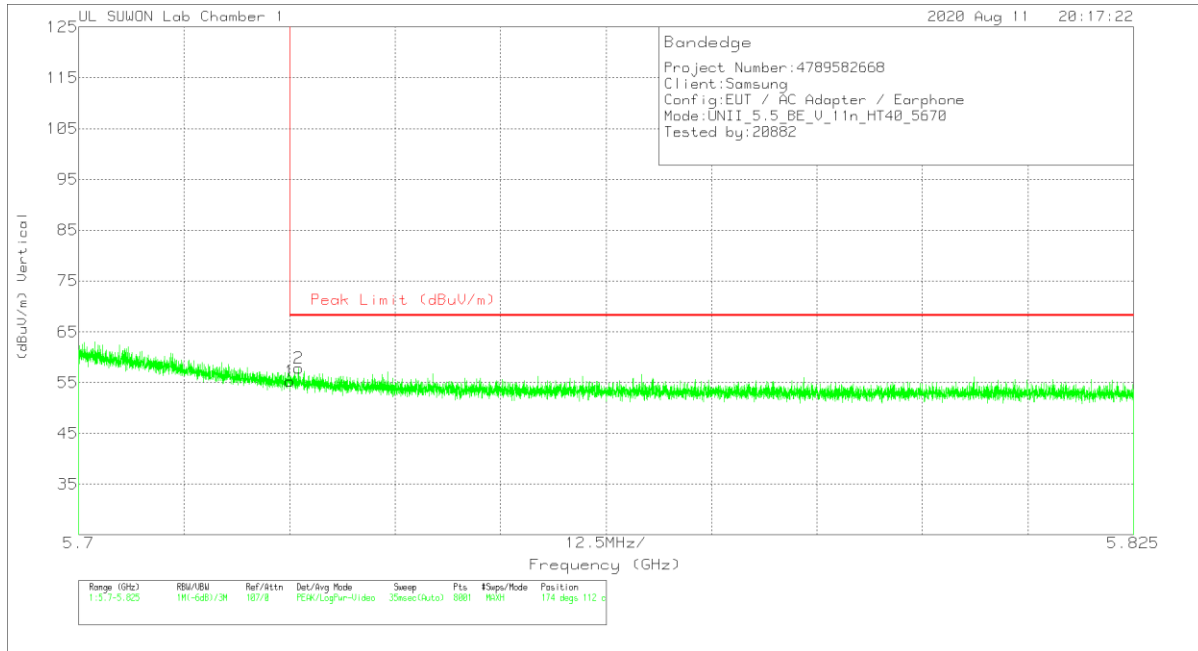


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	39.9	Pk	35.2	-21.1	0	54	68.2	-14.2	126	184	H
2	5.79678	42.02	Pk	35.4	-21.1	0	56.32	68.2	-11.88	126	184	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



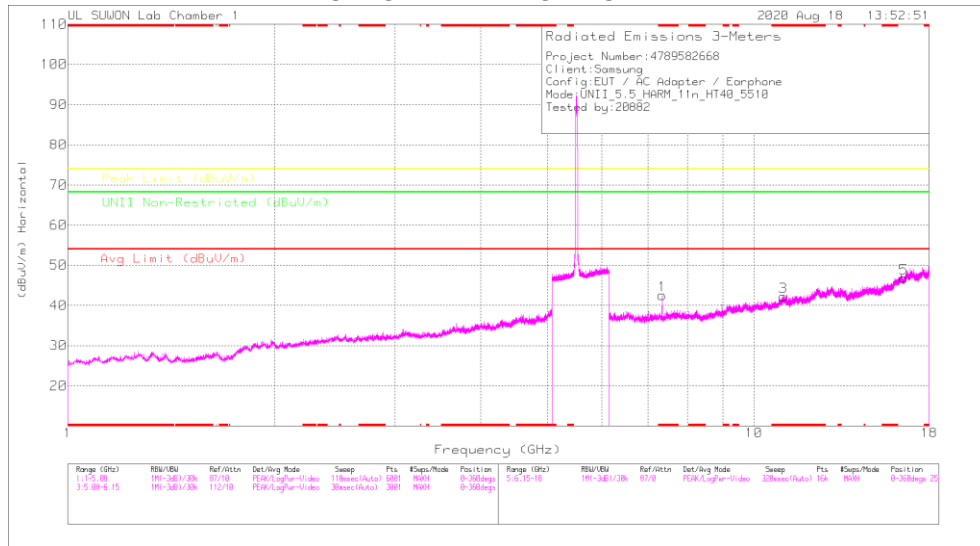
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	41.17	Pk	35.2	-21.1	0	55.27	68.2	-12.93	174	112	V
2	5.72606	43.8	Pk	35.2	-21.1	0	57.9	68.2	-10.3	174	112	V

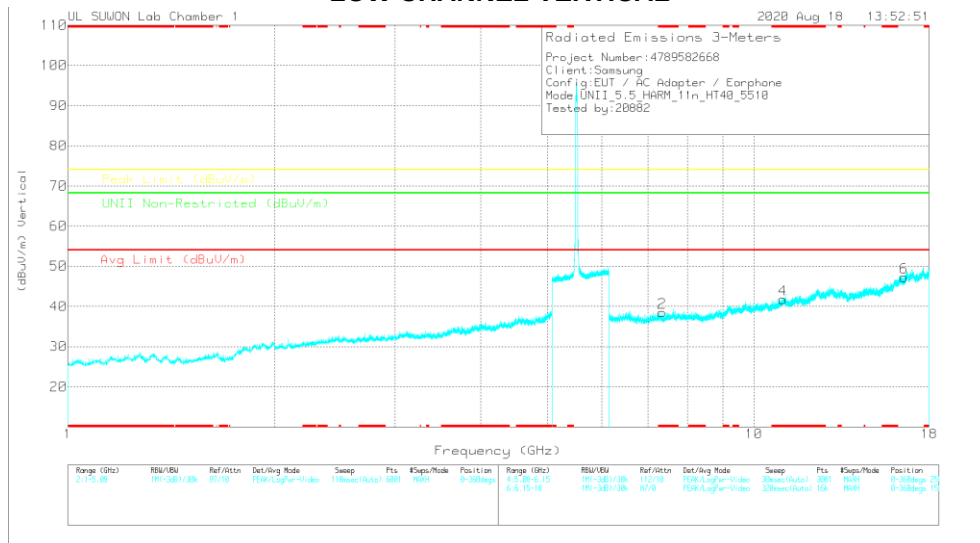
Pk - Peak detector

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

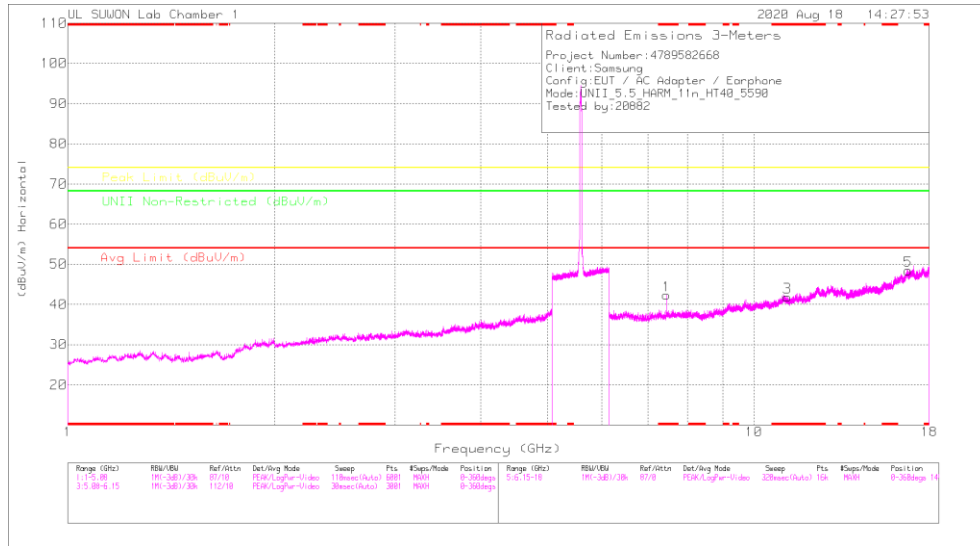
Frequency (GHz)	Meas. Reading (dBuV)	Det.	2127_0022857	@GHz_HF@	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (cm)	Polarity
* 7.34662	41.55	PK-U	35.9	-27.1	0	50.35	-	-	74	-23.65	-	-	200	248	H
* 7.3467	33.49	ADR	35.9	-27.1	0	42.29	54	-11.71	-	-	-	-	200	248	H
* 7.34714	41.02	PK-U	35.9	-27.1	0	49.82	-	-	74	-24.18	-	-	172	100	V
* 7.34658	31.05	ADR	35.9	-27.1	0	39.95	54	-14.15	-	-	-	-	172	100	V
* 11.01402	36.37	PK-U	38	-21.8	0	52.57	-	-	74	-21.43	-	-	360	100	H
* 11.01573	35.78	PK-U	38	-21.8	0	51.98	-	-	74	-22.02	-	-	360	100	V
16.53026	35.81	PK-U	41.7	-19.4	0	58.11	-	-	-	-	68.2	-10.09	360	100	H
16.5316	35.33	PK-U	41.7	-19.5	0	57.53	-	-	-	-	68.2	-10.67	360	100	V

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

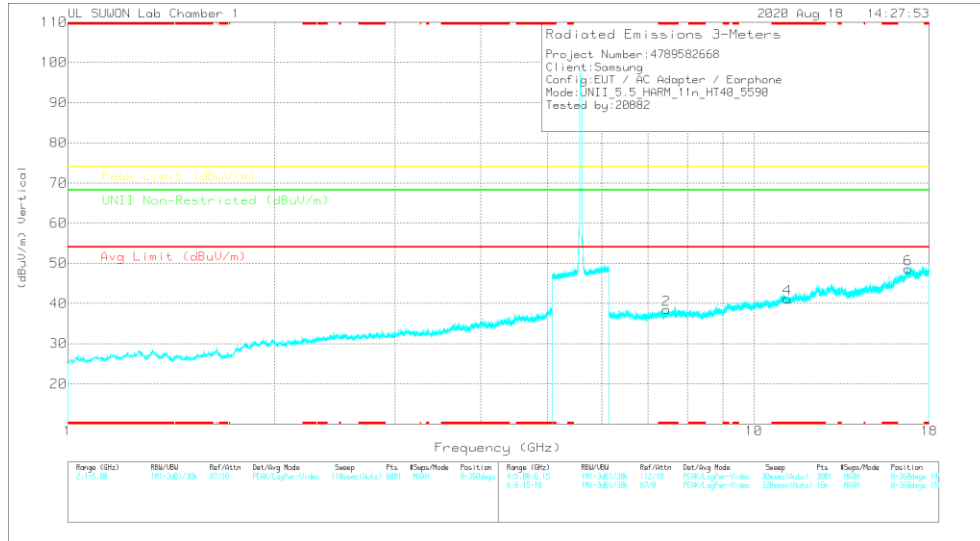
PK-U - U-NII: Maximum Peak

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

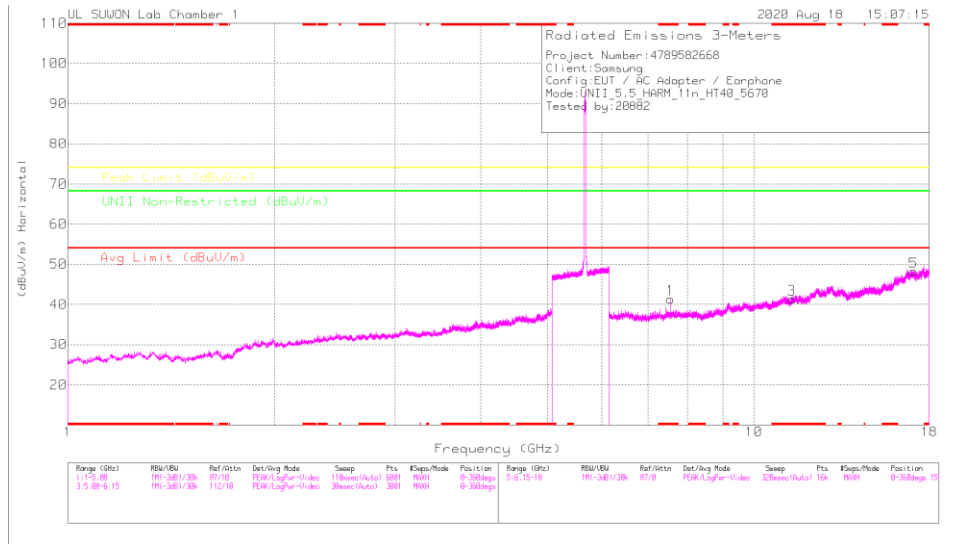
Frequency (GHz)	Power Reading (dBm)	Det	3137_0020867	60Hz_HF985	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
* 7.4533	41.52	PK-U	35.9	-27.2	0	50.22	-	-	74	-23.78	-	-	195	132	H
* 7.45326	32.53	ADR	35.9	-27.2	0	42.23	54	-12.77	74	-24.53	-	-	195	132	H
* 7.45296	40.77	PK-U	35.9	-27.2	0	49.47	-	-	74	-24.53	-	-	176	101	V
* 7.4533	31.09	ADR	35.9	-27.2	0	39.79	54	-14.21	-	-	-	-	176	101	V
* 11.18133	36.35	PK-U	38.2	-22.5	0	52.05	-	-	74	-21.95	-	-	0	101	H
* 11.17925	36.62	PK-U	38.2	-22.4	0	52.42	-	-	74	-21.58	-	-	0	101	V
* 16.771	34.53	PK-U	42.1	-17.9	0	58.73	-	-	-	-	68.2	-9.47	0	101	H
16.76894	34.65	PK-U	42.1	-17.9	0	58.85	-	-	-	-	68.2	-9.35	0	101	V

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

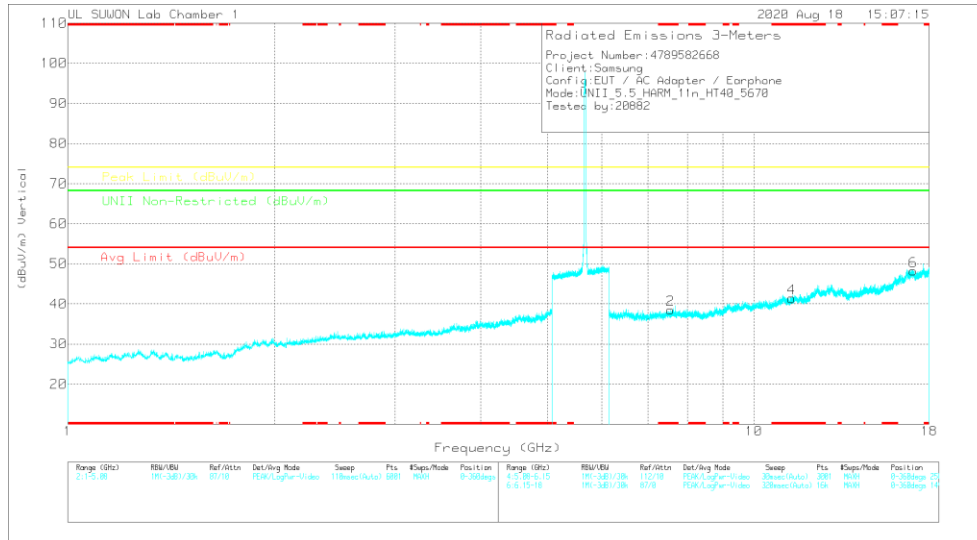
PK-U - U-NII: Maximum Peak

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)	Mean Reading (dBuV)	Det	317_0028957	6GHz_HF[S]	DC Cor (dB)	Compass Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.55996	40.52	PK-U	35.9	-26.9	0	49.52	-	-	74	-24.48	-	-	131	117	H
* 7.55992	31.8	ADR	35.9	-26.9	0	40.8	54	-13.2	-	-	-	-	131	117	H
* 7.55984	39.53	PK-U	35.9	-26.9	0	48.53	-	-	74	-25.47	-	-	184	134	V
* 7.56	29.65	ADR	35.9	-26.9	0	30.85	54	-15.35	-	-	-	-	184	134	V
* 11.34125	36.34	PK-U	38.2	-22.4	0	52.14	-	-	74	-21.86	-	-	0	100	H
* 11.34237	36.47	PK-U	38.2	-22.4	0	52.27	-	-	74	-21.73	-	-	0	100	V
17.00827	34.96	PK-U	42.1	-17.6	0	59.46	-	-	-	-	68.2	-8.74	0	100	H
17.00816	34.63	PK-U	42.1	-17.6	0	59.13	-	-	-	-	68.2	-9.07	0	100	V

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

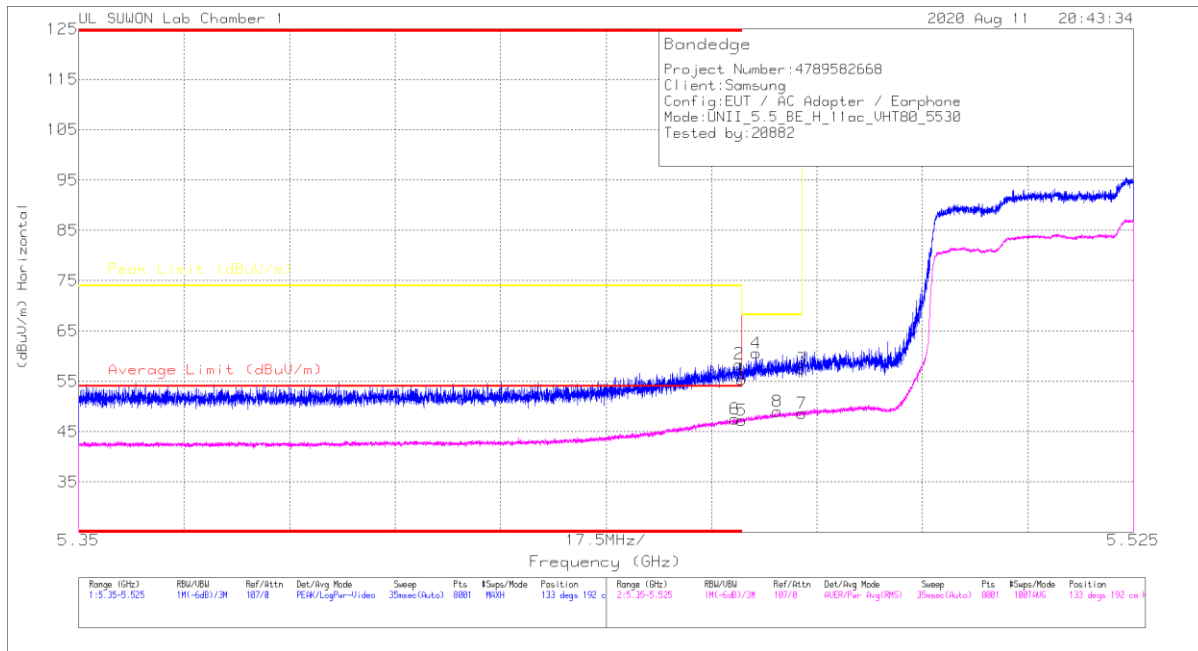
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

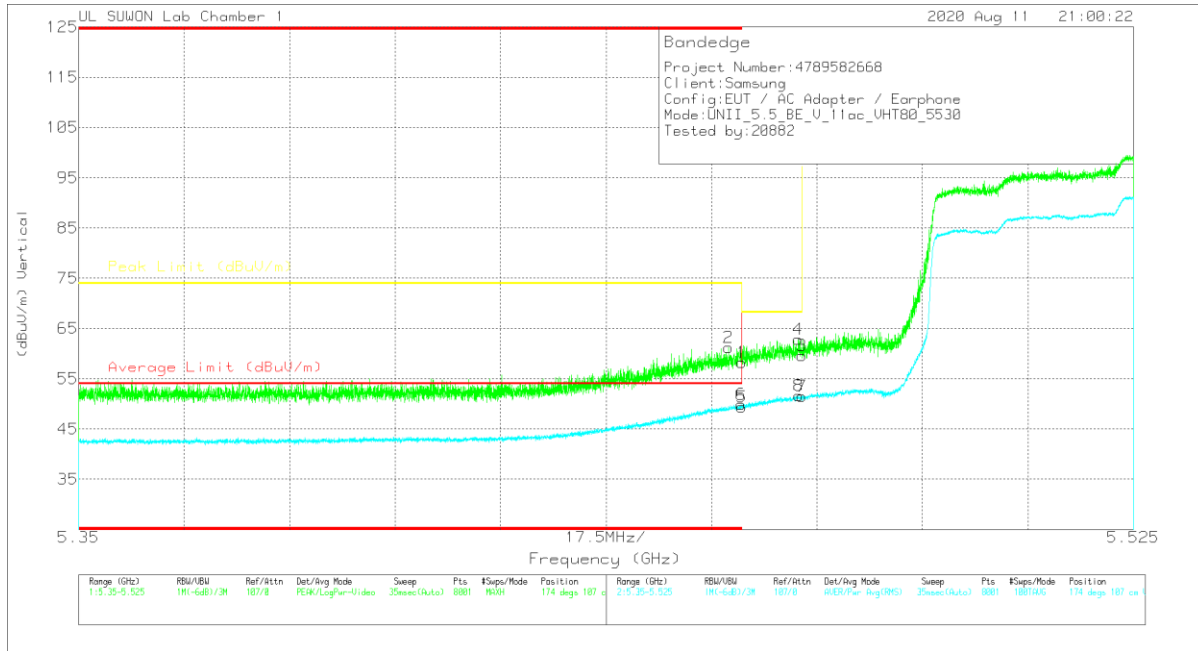
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.45999	41.72	Pk	35	-21.4	0	55.32	-	-	74	-18.68	133	192	H
2	* 5.45962	44.92	Pk	35	-21.5	0	58.42	-	-	74	-15.58	133	192	H
3	5.46998	43.94	Pk	35	-21.5	0	57.44	-	-	68.2	-10.76	133	192	H
4	5.46242	46.96	Pk	35	-21.4	0	60.56	-	-	68.2	-7.64	133	192	H
5	* 5.45999	33.65	RMS	35	-21.4	0	47.25	54	-6.75	-	-	133	192	H
6	* 5.45883	34.06	RMS	35	-21.5	0	47.56	54	-6.44	-	-	133	192	H
7	5.46998	35.13	RMS	35	-21.5	0	48.63	-	-	-	-	133	192	H
8	5.46596	35.39	RMS	35	-21.4	0	48.99	-	-	-	-	133	192	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_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.45999	44.61	Pk	35	-21.4	0	58.21	-	-	74	-15.79	174	107	V
2	* 5.45782	47.63	Pk	35	-21.4	0	61.23	-	-	74	-12.77	174	107	V
3	5.46998	46.06	Pk	35	-21.5	0	59.56	-	-	68.2	-8.64	174	107	V
4	5.46937	49.4	Pk	35	-21.5	0	62.9	-	-	68.2	-5.3	174	107	V
5	* 5.45999	35.77	RMS	35	-21.4	0	49.37	54	-4.63	-	-	174	107	V
6	* 5.45994	36.25	RMS	35	-21.4	0	49.85	54	-4.15	-	-	174	107	V
7	5.46998	37.97	RMS	35	-21.5	0	51.47	-	-	-	-	174	107	V
8	5.4695	38.13	RMS	35	-21.5	0	51.63	-	-	-	-	174	107	V

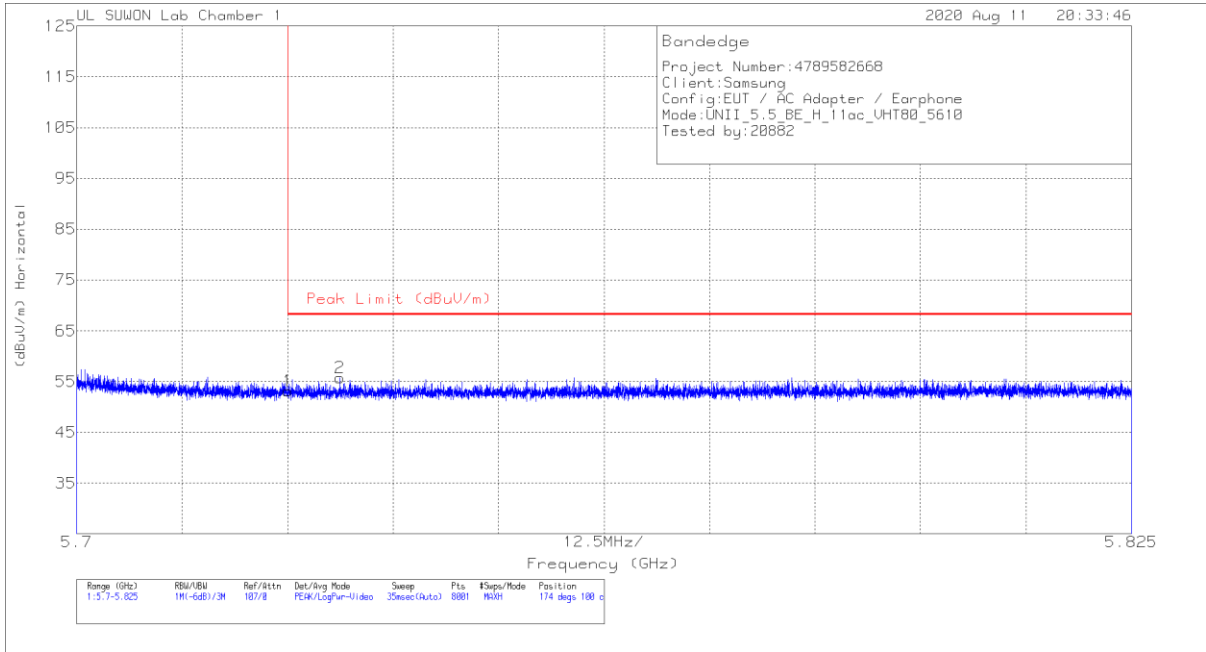
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

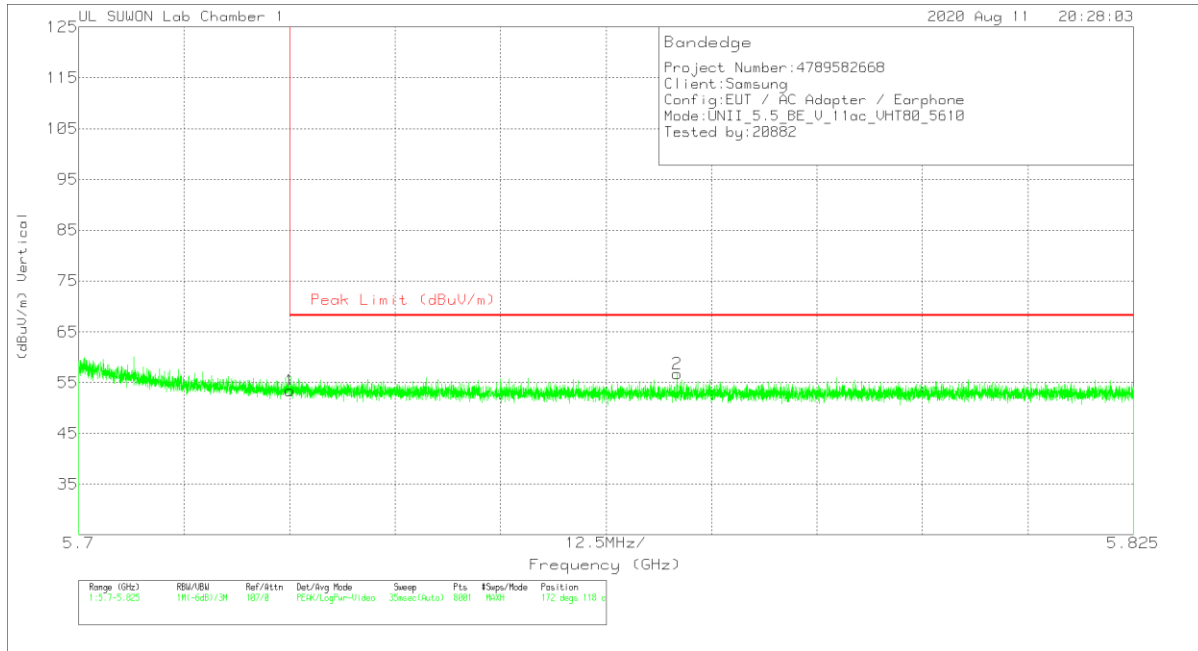


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	39.08	Pk	35.2	-21.1	0	53.18	68.2	-15.02	174	100	H
2	5.73122	41.7	Pk	35.2	-21.1	0	55.8	68.2	-12.4	174	100	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



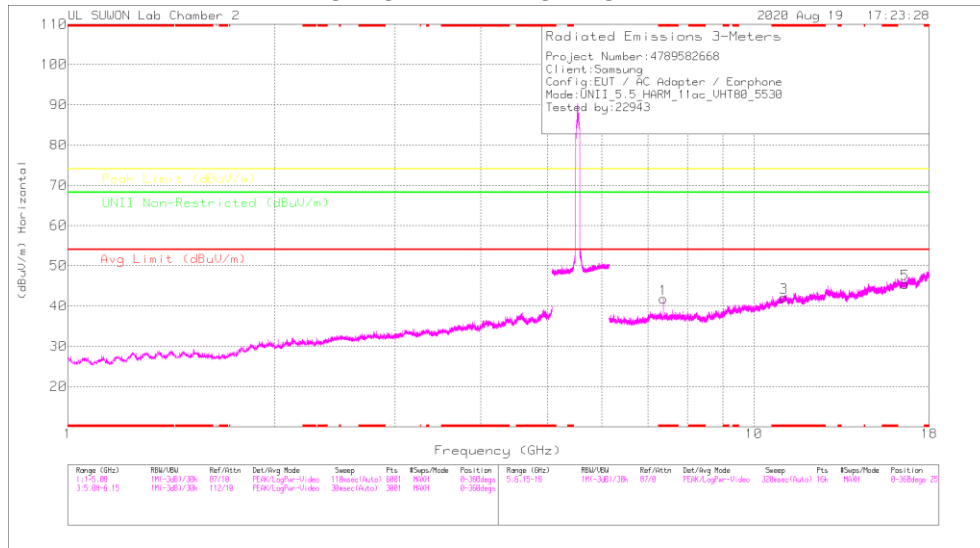
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	39.26	Pk	35.2	-21.1	0	53.36	68.2	-14.84	172	118	V
2	5.77092	42.53	Pk	35.3	-21.1	0	56.73	68.2	-11.47	172	118	V

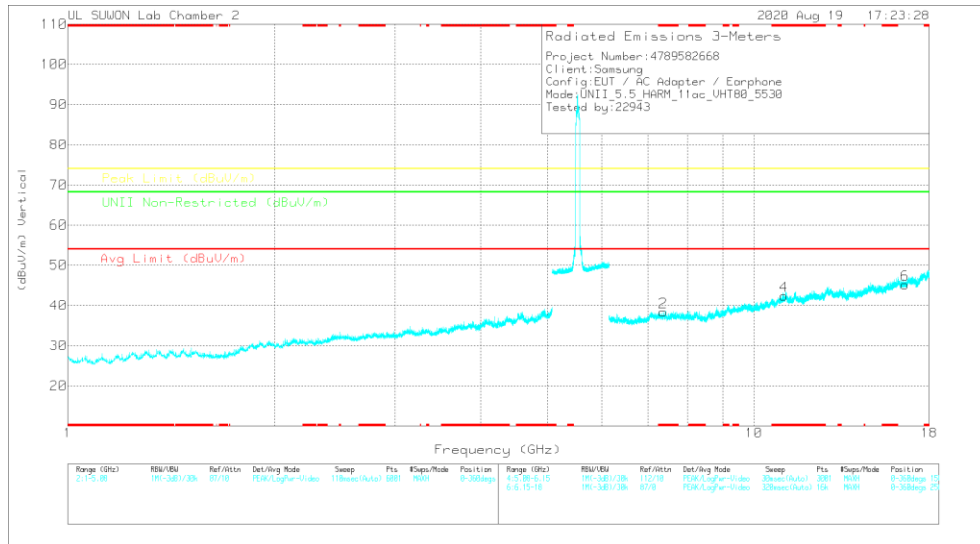
Pk - Peak detector

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

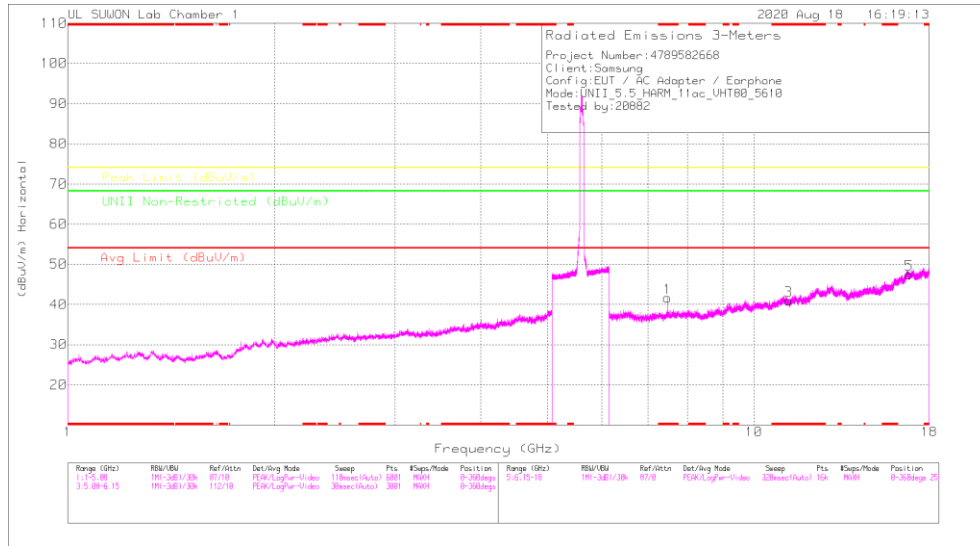
Frequency (GHz)	Water Reading (dBm)	Det	3117_00168724	6GHz_HF6dB	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Antenna (dBi)	Height (cm)	Polarity
* 7.37304	38.83	PK-U	36.1	-24.5	0	50.43	-	-	74	-23.57	-	-	207	108	H
* 7.37332	30.36	ADR	36.1	-24.5	0	41.96	54	-12.04	-	-	-	-	207	108	H
* 7.3733	37.91	PK-U	36.1	-24.5	0	49.51	-	-	74	-24.49	-	-	190	100	V
* 7.3734	27.31	ADR	36.1	-24.5	0	36.91	54	-15.09	-	-	-	-	190	100	V
* 11.05902	34.26	PK-U	38.2	-20.2	0	52.26	-	-	74	-21.74	-	-	360	100	H
* 11.05943	34.15	PK-U	38.2	-20.2	0	52.15	-	-	74	-21.85	-	-	360	100	V
16.58866	34.54	PK-U	41	-19.6	0	55.94	-	-	-	-	68.2	-12.26	360	100	H
16.59095	34.87	PK-U	41	-19.7	0	56.17	-	-	-	-	68.2	-12.03	360	100	V

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

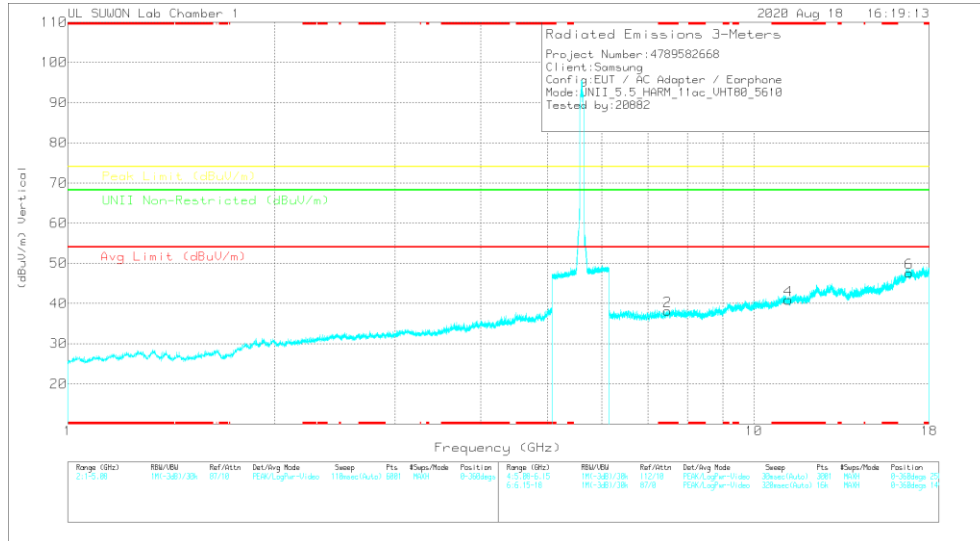
PK-U - U-NII: Maximum Peak

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

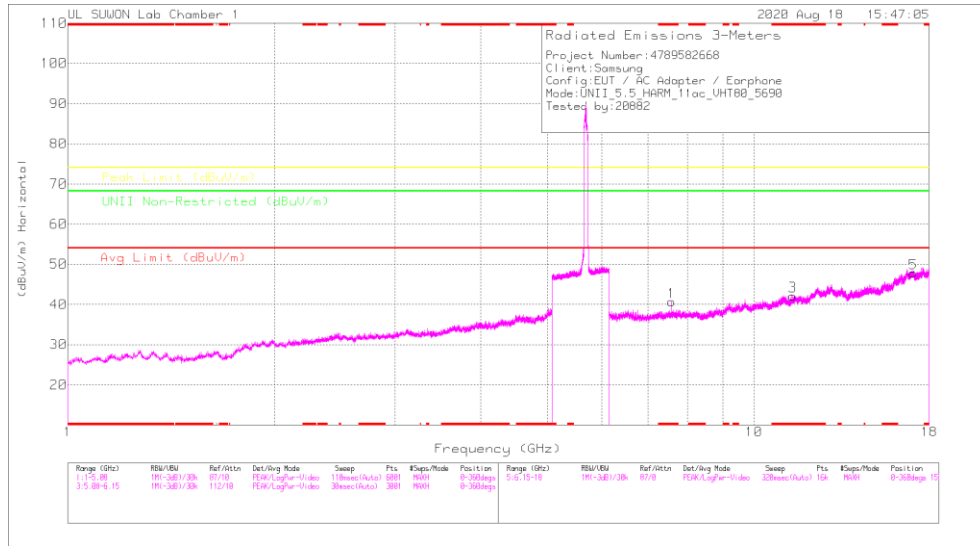
Frequency (GHz)	Meas Reading (dBm)	Det	3117_00218957	6GHz_HFdB	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unii Non-Restricted (dBuV/m)	Margin (dB)	Asmuth (Degs)	Height (cm)	Polarity
* 7.47974	40.45	PK-U	35.9	-27.1	0	49.25	-	-	74	-24.75	-	-	133	196	H
* 7.47992	32.47	ADR	35.9	-27.1	0	41.27	54	-12.73	-	-	-	-	133	196	H
* 7.47996	39.68	PK-U	35.9	-27.1	0	48.48	-	-	74	-25.52	-	-	177	104	V
* 7.47999	30.06	ADR	35.9	-27.1	0	36.86	54	-15.14	-	-	-	-	177	104	V
* 11.22143	36.31	PK-U	38.2	-22.3	0	52.21	-	-	74	-21.79	-	-	0	100	H
* 11.22314	35.77	PK-U	38.2	-22.3	0	51.67	-	-	74	-22.33	-	-	0	100	V
16.82301	35.28	PK-U	42.1	-18.6	0	58.78	-	-	-	-	68.2	-9.42	0	100	H
16.82389	34.66	PK-U	42.1	-18.7	0	58.06	-	-	-	-	68.2	-10.14	0	100	V

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

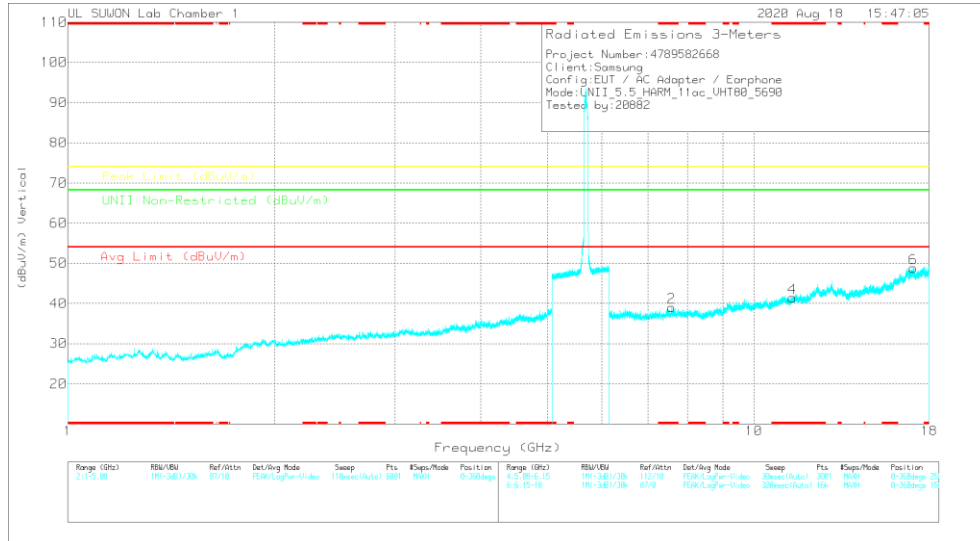
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meas. Reading (dBm)	Det.	3117_00218957	6GHz_HF98B	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.58702	39.85	PK-U	36	-26.8	0	49.05	-	-	74	-24.95	-	-	193	100	H
* 7.58662	31.21	ADR	36	-26.8	0	40.41	54	-13.59	-	-	-	-	193	100	H
* 7.58366	39.3	PK-U	36	-26.8	0	48.5	-	-	74	-25.5	-	-	193	110	V
* 7.5866	29.14	ADR	36	-26.8	0	36.34	54	-15.66	-	-	-	-	193	110	V
* 11.38834	35.78	PK-U	36.2	-22.2	0	51.78	-	-	74	-22.22	-	-	360	100	H
* 11.37218	35.92	PK-U	38.2	-22.4	0	51.72	-	-	74	-22.28	-	-	360	100	V
17.07562	34.4	PK-U	42	-17.2	0	59.2	-	-	-	-	68.2	-9	360	100	H
17.07866	34.73	PK-U	42	-17.3	0	59.43	-	-	-	-	68.2	-8.77	360	100	V

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

PK-U - U-NII: Maximum Peak

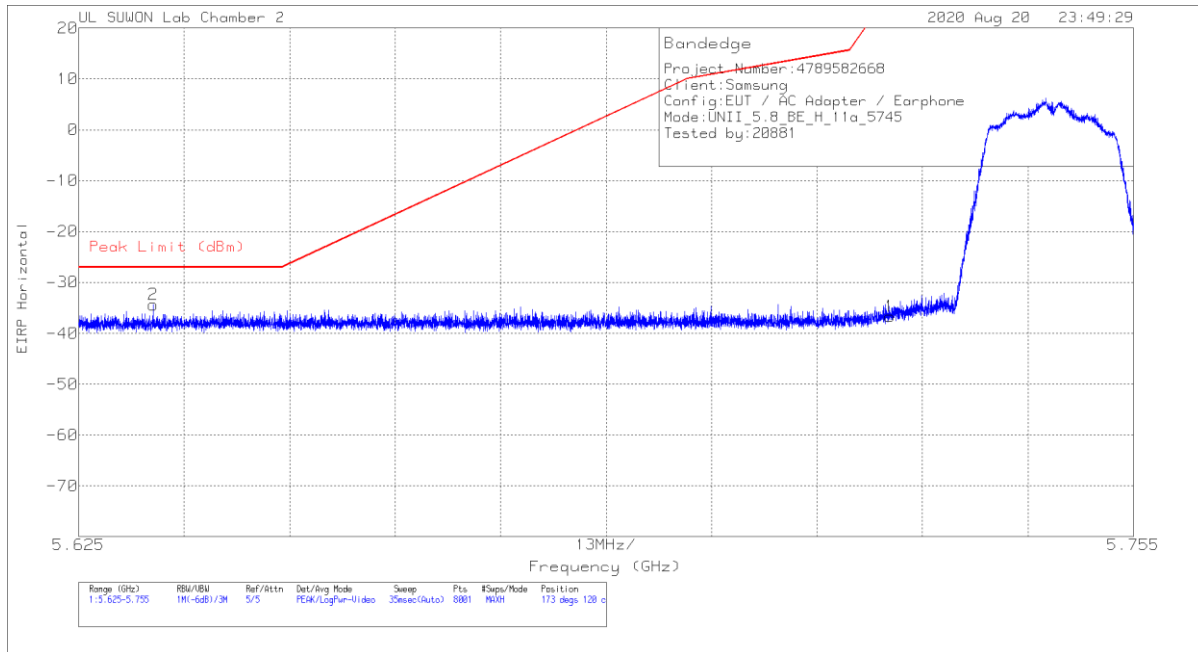
ADR - U-NII AD primary method, RMS average

11.4. 5.8 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

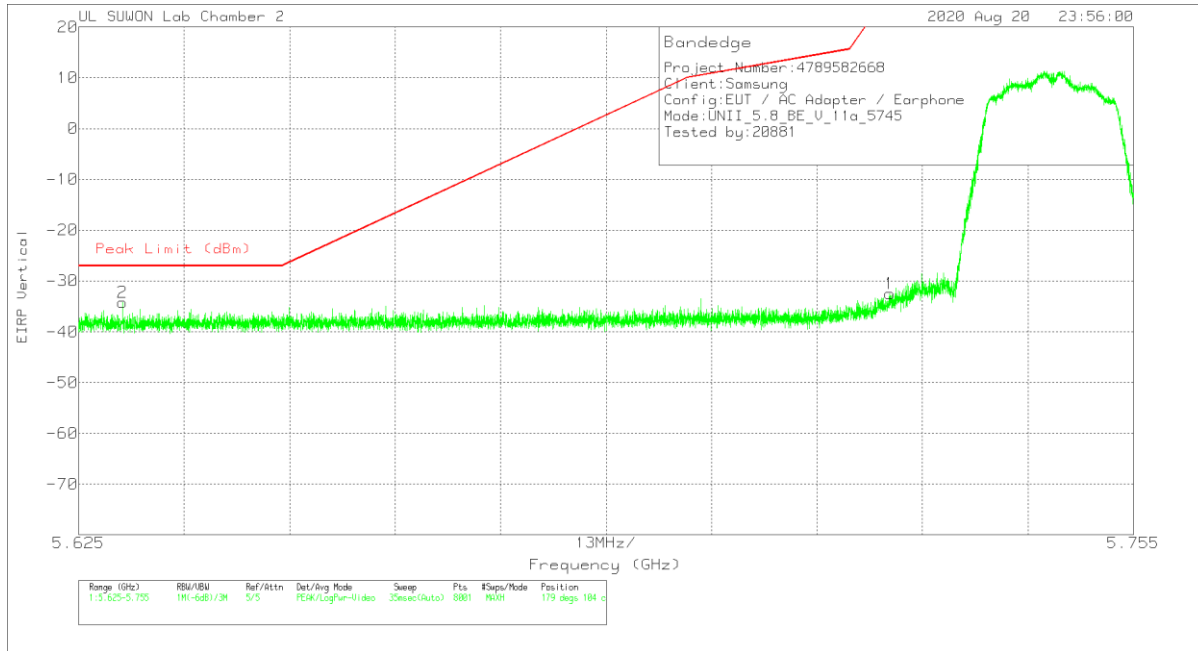


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-65.67	Pk	34.7	-17.5	11.8	0	-36.67	26.97	-63.64	173	120	H
2	5.63415	-63.09	Pk	34.6	-17.7	11.8	0	-34.39	-27	-7.39	173	120	H

Pk - Peak detector

VERTICAL PEAK DATA



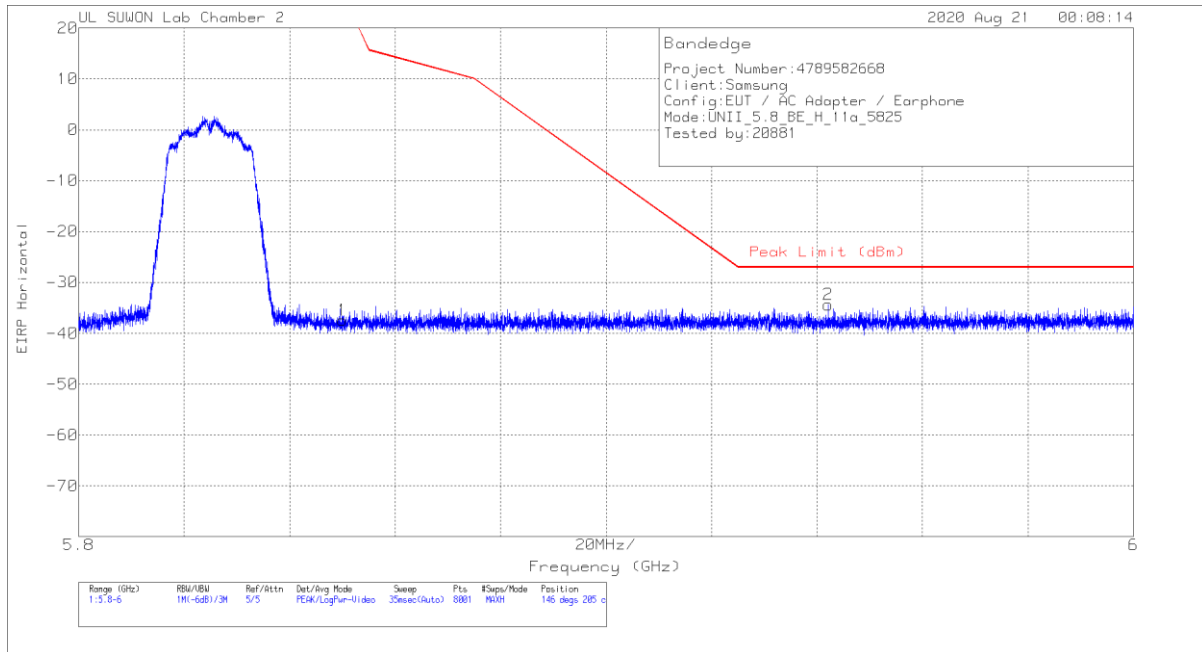
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-61.45	Pk	34.7	-17.5	11.8	0	-32.45	26.97	-59.42	179	104	V
2	5.6304	-62.92	Pk	34.6	-17.7	11.8	0	-34.22	-27	-7.22	179	104	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

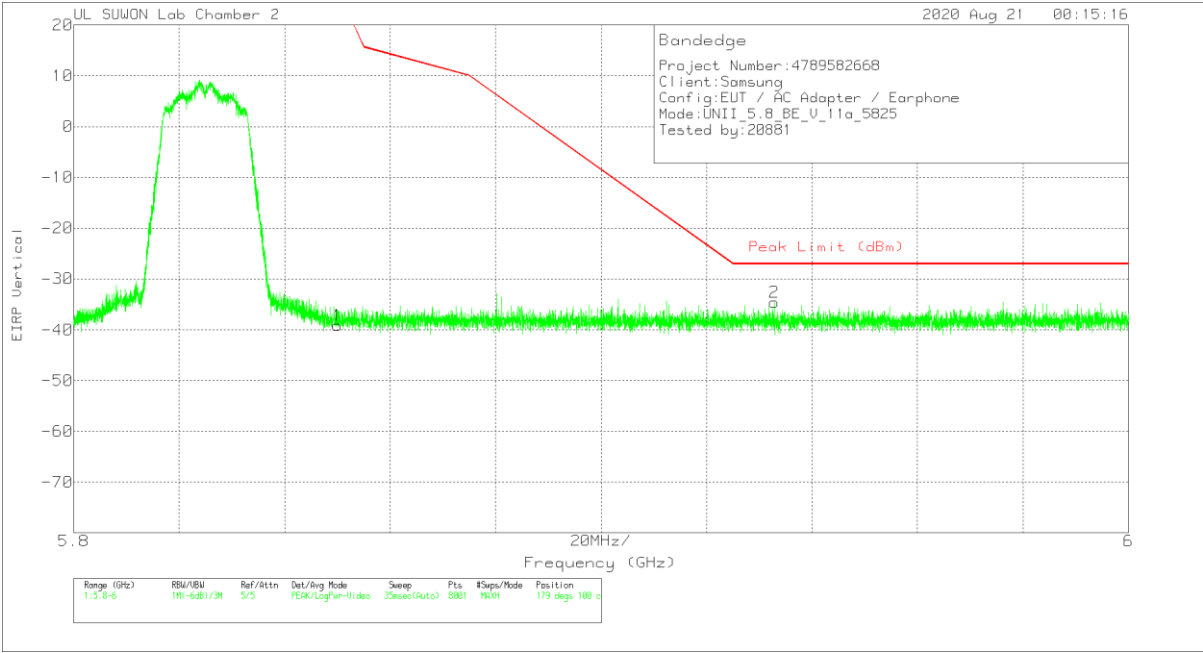


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-66.84	Pk	34.9	-17.3	11.8	0	-37.44	26.94	-64.38	146	205	H
2	5.94213	-63.99	Pk	35.1	-17.3	11.8	0	-34.39	-27	-7.39	146	205	H

Pk - Peak detector

VERTICAL PEAK DATA



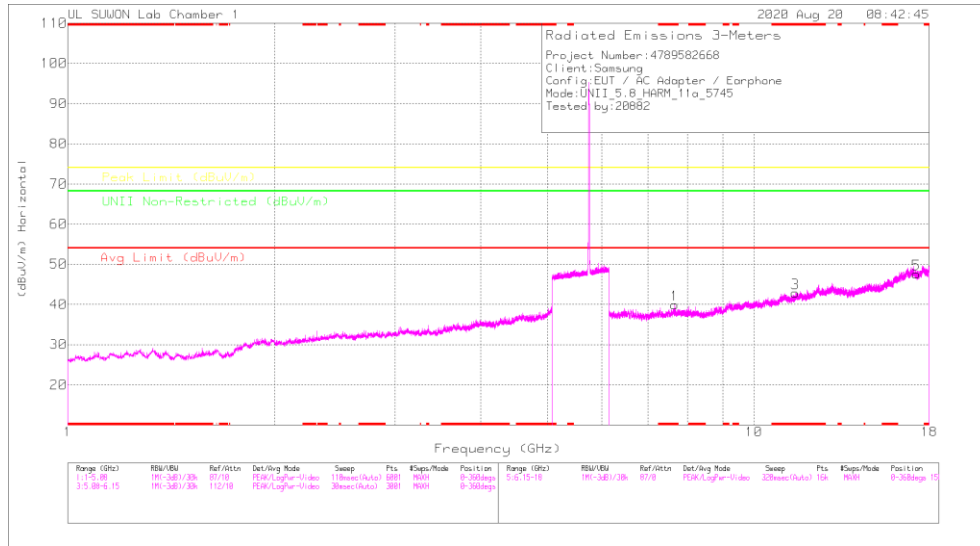
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-68.58	Pk	34.9	-17.3	11.8	0	-39.18	26.94	-66.12	179	100	V
2	5.9328	-64.14	Pk	35.1	-17.3	11.8	0	-34.54	-27	-7.54	179	100	V

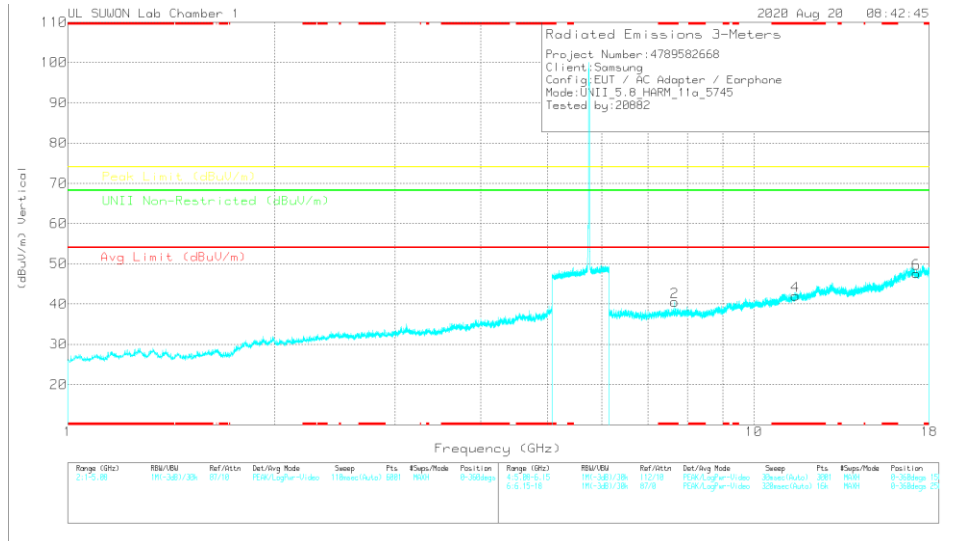
Pk - Peak detector

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

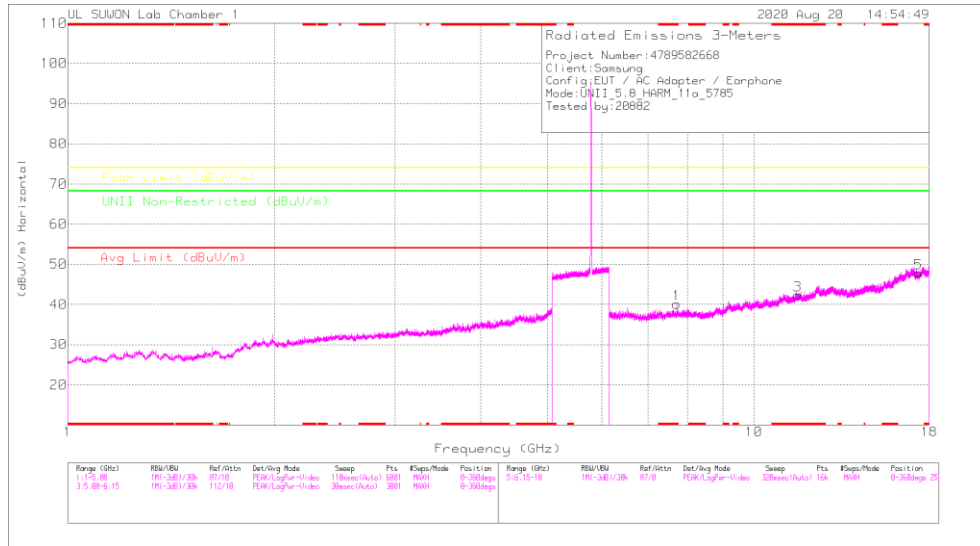
Frequency (GHz)	Max Reading (dBuV)	Det	UL17_0028857	ISGHS_HF(S)	CC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degree)	Height (cm)	Polarity
* 7.65988	40.39	PK-U	36	-26.9	0	49.49	-	-	74	-24.51	-	-	197	262	H
* 7.65999	30.61	ADR	36	-26.9	0	39.91	54	-14.09	-	-	-	-	197	262	H
* 7.65942	39.99	PK-U	36	-26.9	0	49.08	-	-	74	-24.92	-	-	196	162	V
* 7.65996	30.37	ADR	36	-26.9	0	39.47	54	-14.53	-	-	-	-	198	162	V
* 11.4885	36.09	PK-U	38.3	-22.3	0	52.09	-	-	74	-21.91	-	-	360	100	H
* 11.49043	36.85	PK-U	38.3	-22.3	0	52.85	-	-	74	-21.15	-	-	360	100	V
17.23329	34.55	PK-U	41.7	-17.5	0	58.75	-	-	-	-	68.2	-9.45	360	100	H
17.23479	35.09	PK-U	41.7	-17.5	0	59.29	-	-	-	-	68.2	-8.91	360	100	V

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

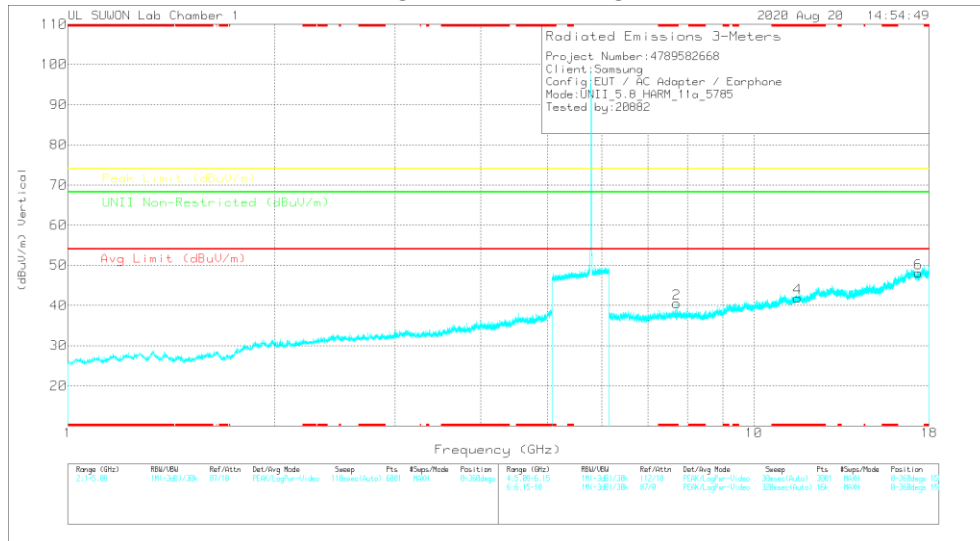
PK-U - U-NII: Maximum Peak

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

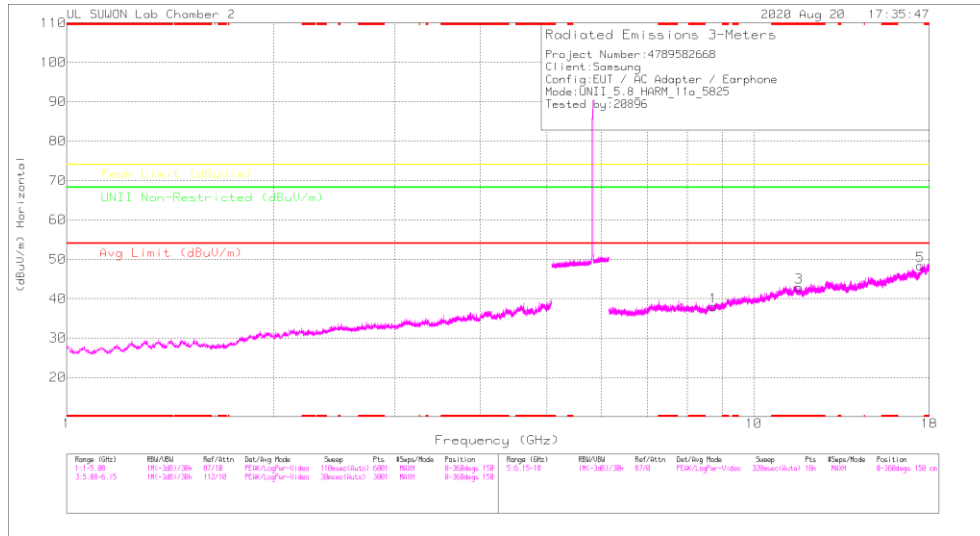
Frequency (GHz)	Meas Reading (dBuV)	Det	3117_0021857	6GHz_HPSdB	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Antenna (Drops)	Height (cm)	Polarity
* 7.7133	41.13	PK-U	36	-26.8	0	50.33	-	-	74	-23.67	-	-	240	360	H
* 7.71326	33.28	ADR	36	-26.8	0	42.48	54	-11.52	-	-	-	-	240	360	H
* 7.71324	36.44	PK-U	36	-26.9	0	45.54	-	-	74	-28.46	-	-	201	147	V
* 7.7133	31.2	ADR	36	-26.8	0	40.4	54	-13.6	-	-	-	-	201	147	V
* 11.57136	31.5	PK-U	38.4	-22.3	0	47.6	-	-	74	-26.4	-	-	360	100	H
* 11.5683	29.24	PK-U	38.4	-22.3	0	45.34	-	-	74	-28.66	-	-	360	100	V
17.35476	27.28	PK-U	41.5	-17.7	0	51.08	-	-	-	-	68.2	-17.12	360	100	H
17.35518	29.13	PK-U	41.5	-17.7	0	52.93	-	-	-	-	68.2	-15.27	360	100	V

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

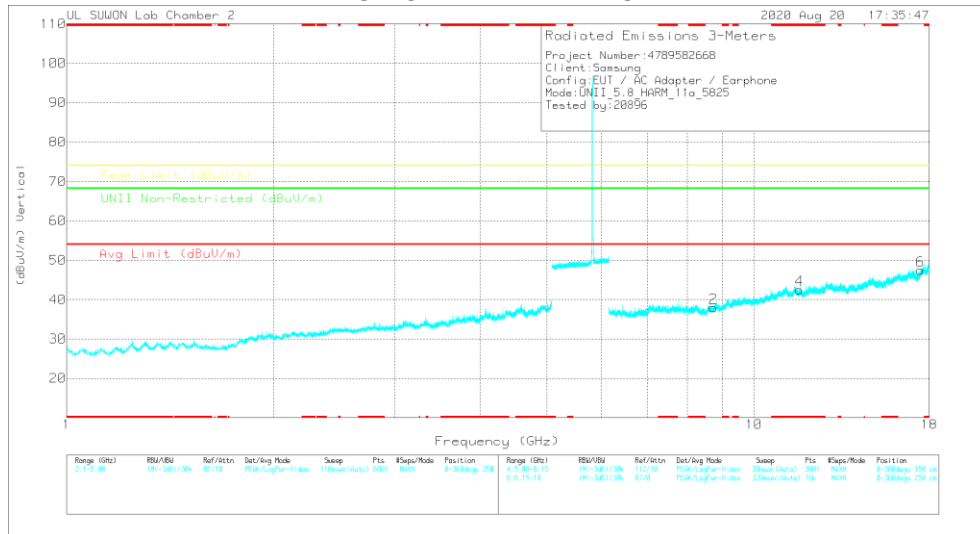
PK-U - U-NII: Maximum Peak

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)	Major Reading (dBuV)	Det	317_00368724	6GHz HPBW	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 (m)	Polarity
8.73874	35.47	PK-U	36.2	-23.3	0	48.37	-	-	-	-	68.2	-19.83	0	100	H
8.74055	35.35	PK-U	36.3	-23.2	0	48.45	-	-	-	-	68.2	-19.74	0	100	V
* 11.63717	33.64	PK-U	38.4	-19.8	0	52.14	-	-	74	-21.86	-	-	0	100	H
* 11.65359	33.69	PK-U	38.4	-19.8	0	52.29	-	-	74	-21.71	-	-	0	100	V
17.47363	34.5	PK-U	41.1	-18	0	57.6	-	-	-	-	68.2	-10.6	0	100	H
17.47506	34.19	PK-U	41.2	-18	0	57.39	-	-	-	-	68.2	-10.81	0	100	V

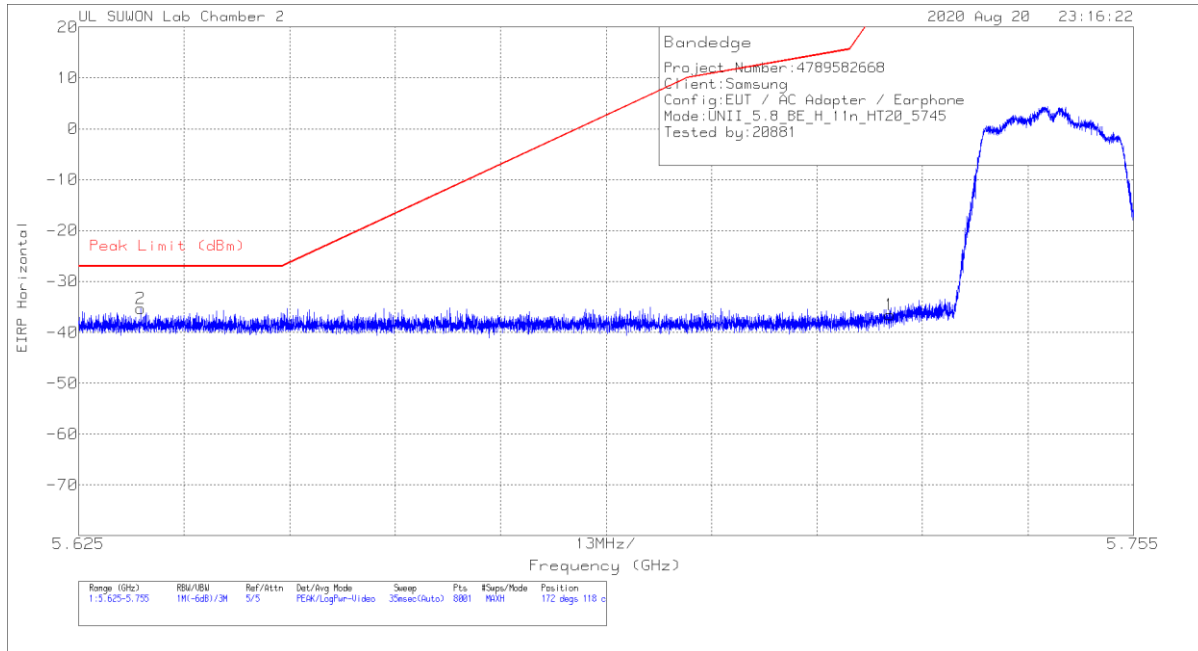
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

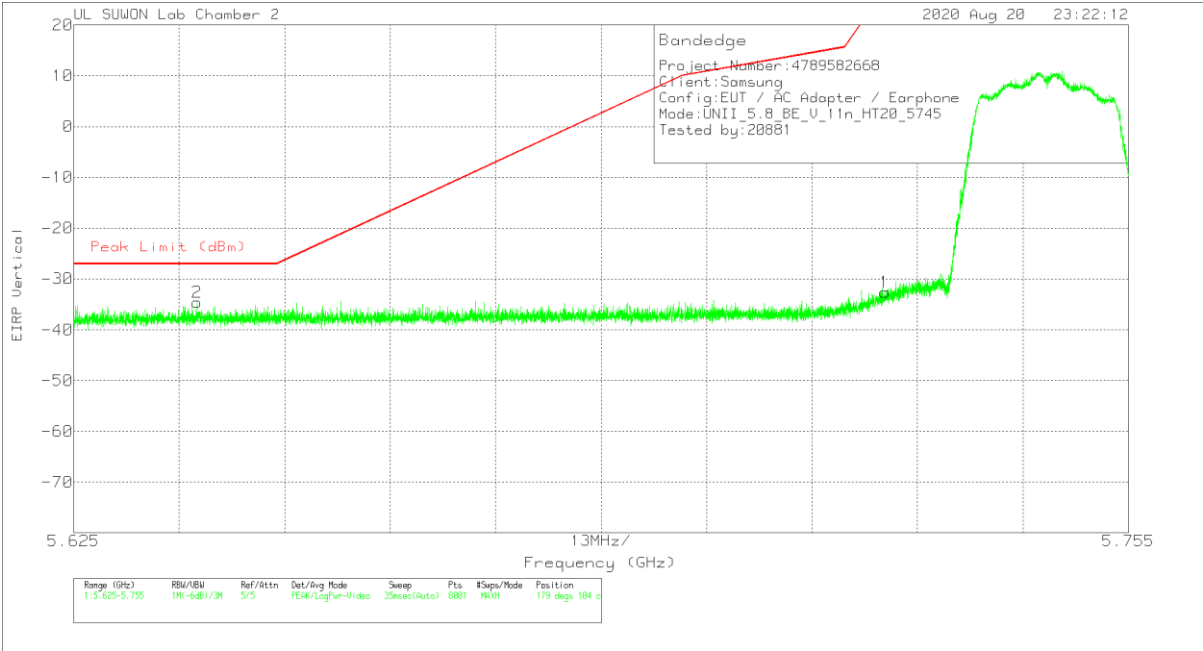


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-65.55	Pk	34.7	-17.5	11.8	0	-36.55	26.97	-63.52	172	118	H
2	5.63264	-64.06	Pk	34.6	-17.7	11.8	0	-35.36	-27	-8.36	172	118	H

Pk - Peak detector

VERTICAL PEAK DATA



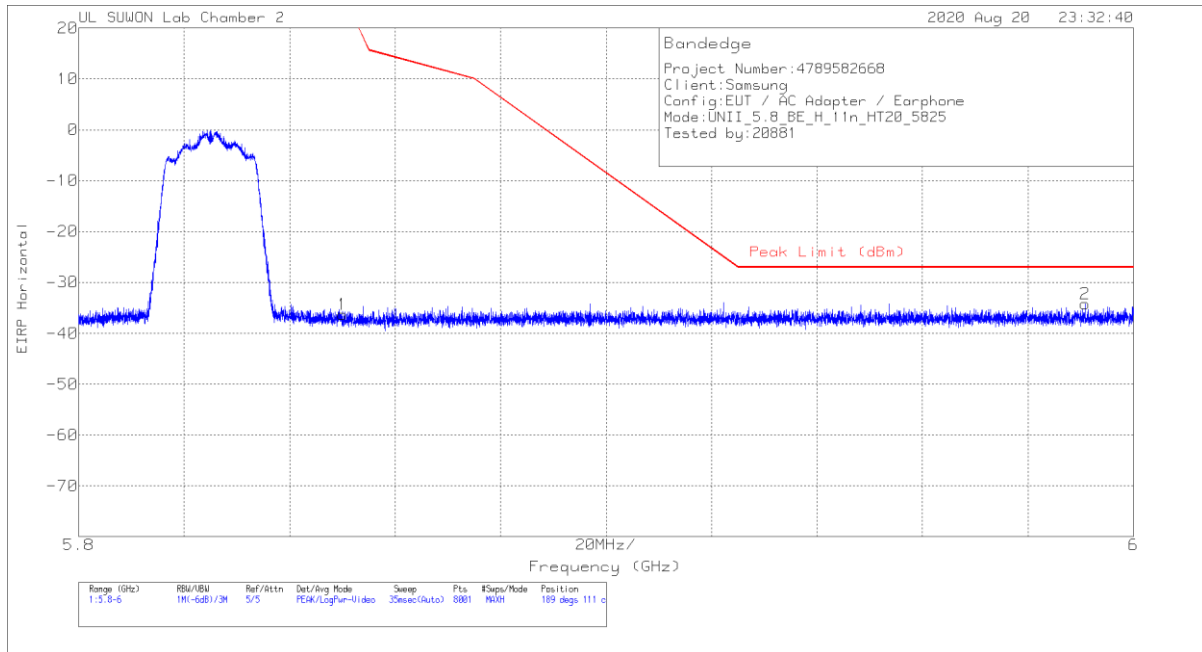
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-61.66	Pk	34.7	-17.5	11.8	0	-32.66	26.97	-59.63	179	104	V
2	5.64019	-63.32	Pk	34.6	-17.7	11.8	0	-34.62	-27	-7.62	179	104	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

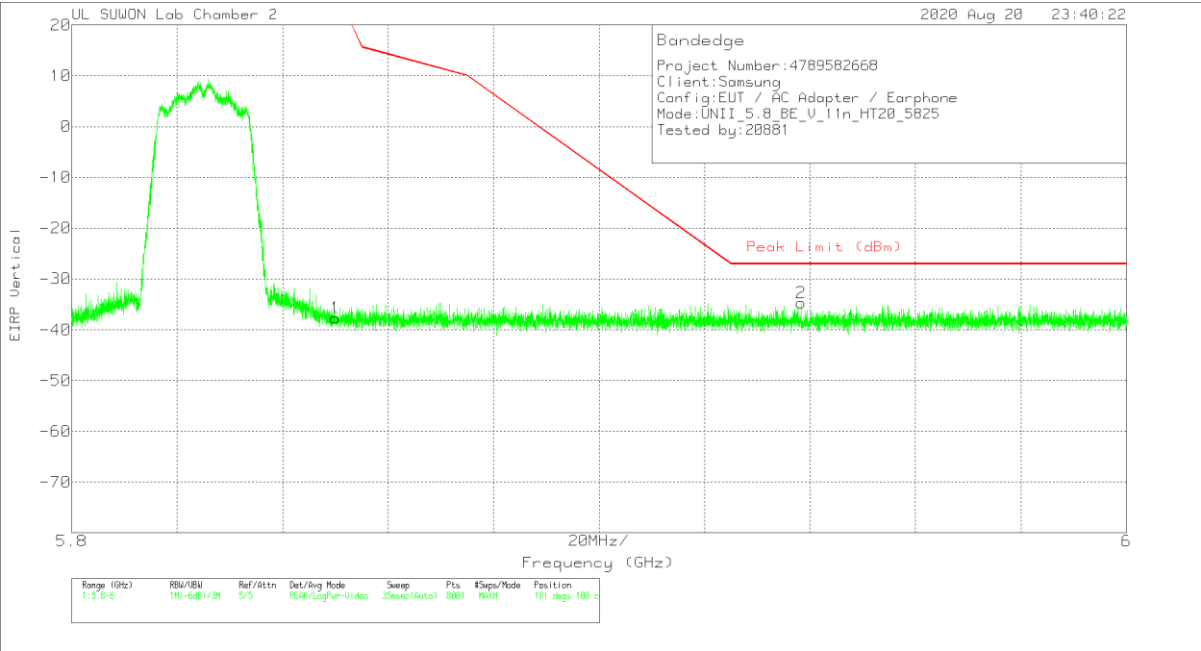


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-65.67	Pk	34.9	-17.3	11.8	0	-36.27	26.94	-63.21	189	111	H
2	5.99088	-63.83	Pk	35.1	-17.3	11.8	0	-34.23	-27	-7.23	189	111	H

Pk - Peak detector

VERTICAL PEAK DATA



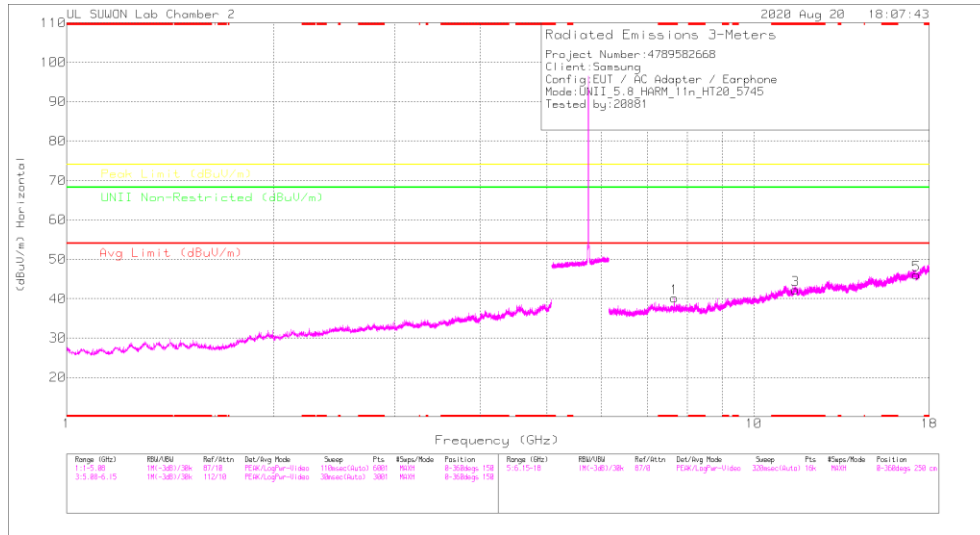
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-67.09	Pk	34.9	-17.3	11.8	0	-37.69	26.94	-64.63	181	100	V
2	5.93835	-64.33	Pk	35.1	-17.3	11.8	0	-34.73	-27	-7.73	181	100	V

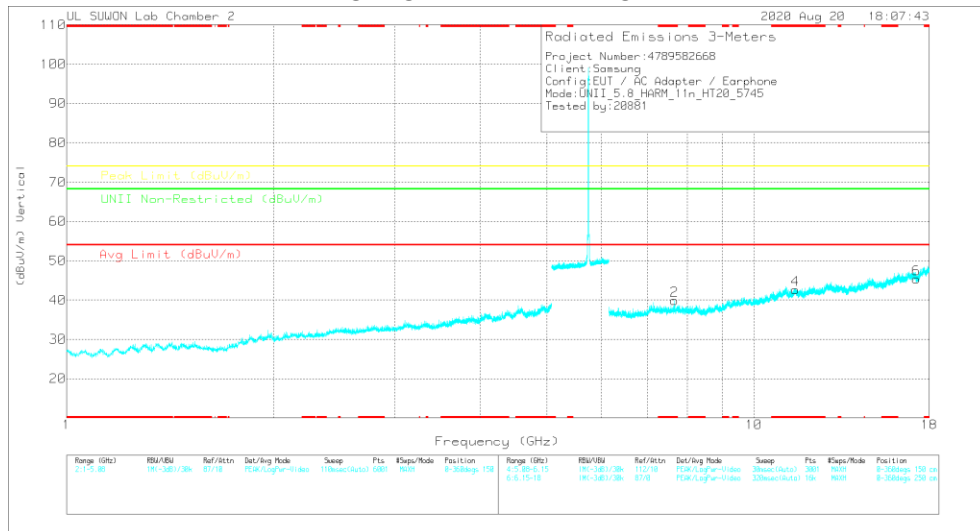
Pk - Peak detector

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

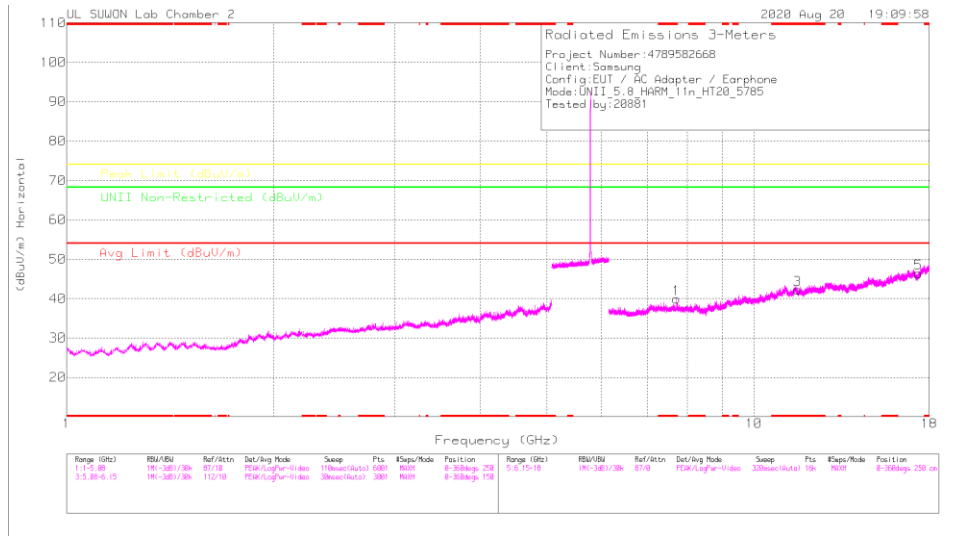
Frequency (GHz)	Power Reading (dBm)	Det	3127_00168724	ISM_HF955	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (m)	Height (cm)	Polarity
* 7.65978	37.78	PK-U	35.9	-24.2	0	49.48	-	-	74	-24.52	-	-	192	101	H
* 7.66002	28.02	ADR	35.9	-24.2	0	39.72	54	-14.28	74	-25.06	-	-	192	101	H
* 7.66028	37.24	PK-U	35.9	-24.2	0	49.54	-	-	74	-25.06	-	-	196	102	V
* 7.66002	27.22	ADR	35.9	-24.2	0	38.92	54	-15.08	-	-	-	-	196	102	V
* 11.49114	34.05	PK-U	38.3	-19.7	0	52.65	-	-	74	-21.35	-	-	360	100	H
* 11.48975	34	PK-U	38.3	-19.7	0	52.6	-	-	74	-21.4	-	-	360	100	V
17.2342	34.67	PK-U	40.9	-18.5	0	57.07	-	-	-	-	68.2	-11.13	360	100	H
17.23533	33.97	PK-U	40.9	-18.6	0	56.27	-	-	-	-	68.2	-11.93	360	100	V

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

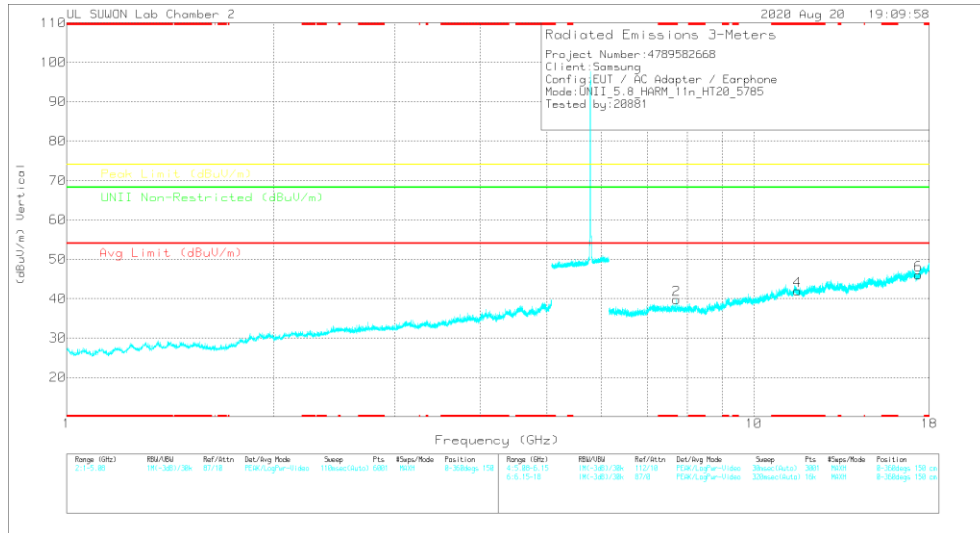
PK-U - U-NII: Maximum Peak

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)	Meas. Reading (dBuV)	Det.	317_0358724	5GHz_HPSSE	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 (cm)	Polarity
* 7.71292	37.47	PK-U	36	-23.7	0	49.77	-	-	74	-24.23	-	-	194	390	H
* 7.71326	27.92	ADR	36	-23.7	0	40.22	54	-13.78	-	-	-	-	194	390	H
* 7.71342	36.89	PK-U	36	-23.7	0	49.19	-	-	74	-24.81	-	-	195	107	V
* 7.71346	27.6	ADR	36	-23.7	0	39.9	54	-14.1	-	-	-	-	196	107	V
* 11.57007	33.65	PK-U	38.3	-19.7	0	52.25	-	-	74	-21.75	-	-	360	100	H
* 11.56804	34.02	PK-U	38.3	-19.7	0	52.62	-	-	74	-21.38	-	-	360	100	V
17.35688	34.48	PK-U	41	-18.6	0	56.88	-	-	-	-	68.2	-11.32	360	100	H
17.35621	34.43	PK-U	41	-18.6	0	56.83	-	-	-	-	68.2	-11.37	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