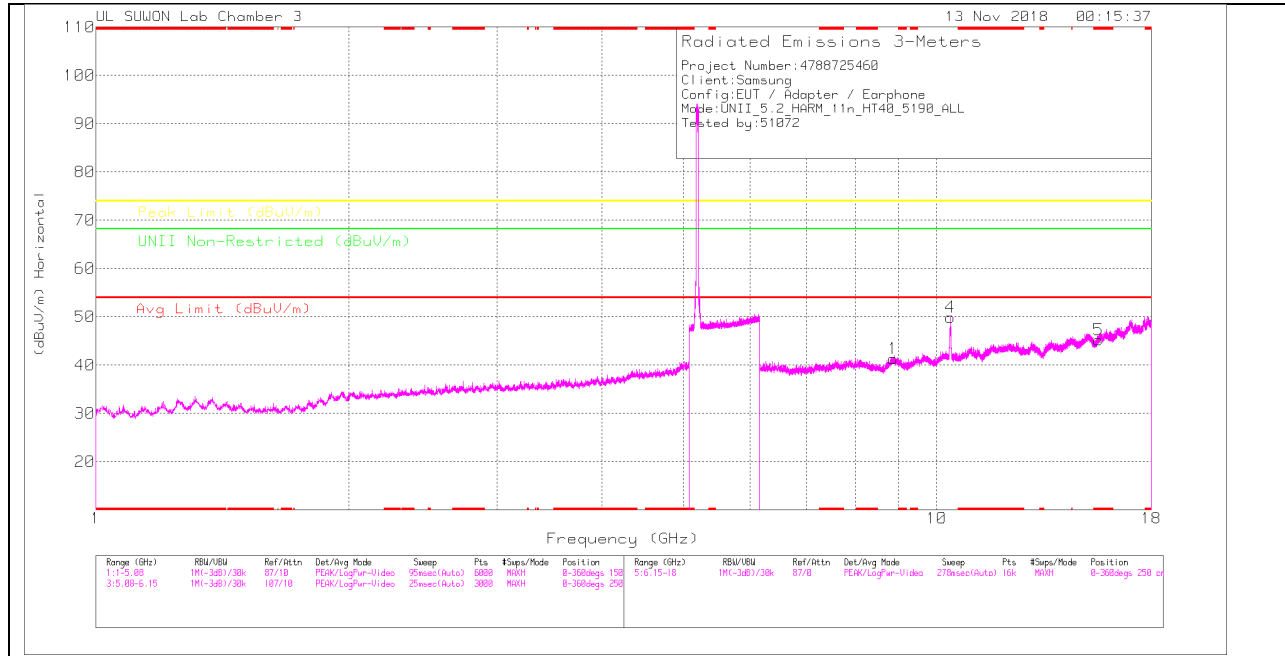
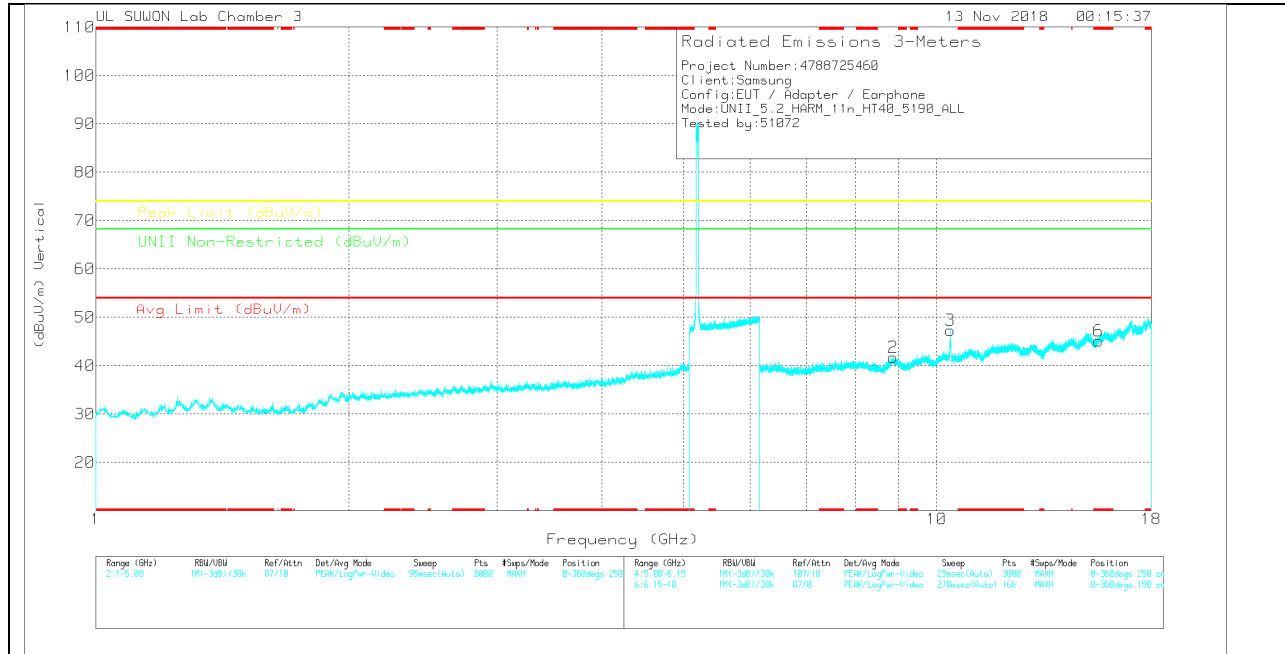


HARMONICS AND SPURIOUS EMISSIONS

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 (dBμV)	Det	3117_00209559	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	UNII Non-Restricted (dBμV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.88	25.64	PK	36.5	-20.8	0	41.34	-	-	-	-	68.2	-26.86	0-360	150	H
4	10.381	31.36	PK	37.6	-19.1	0	49.86	-	-	-	-	68.2	-18.34	0-360	250	H
5	*15.571	24.6	PK	40.2	-19.6	0	45.2	-	-	74	-28.8	-	-	0-360	250	H
2	8.879	26.03	PK	36.5	-20.8	0	41.73	-	-	-	-	68.2	-26.47	0-360	250	V
3	10.383	28.78	PK	37.6	-19.1	0	47.28	-	-	-	-	68.2	-20.92	0-360	250	V
6	*15.571	24.56	PK	40.2	-19.6	0	45.16	-	-	74	-28.84	-	-	0-360	250	V

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

PK – Peak Detector

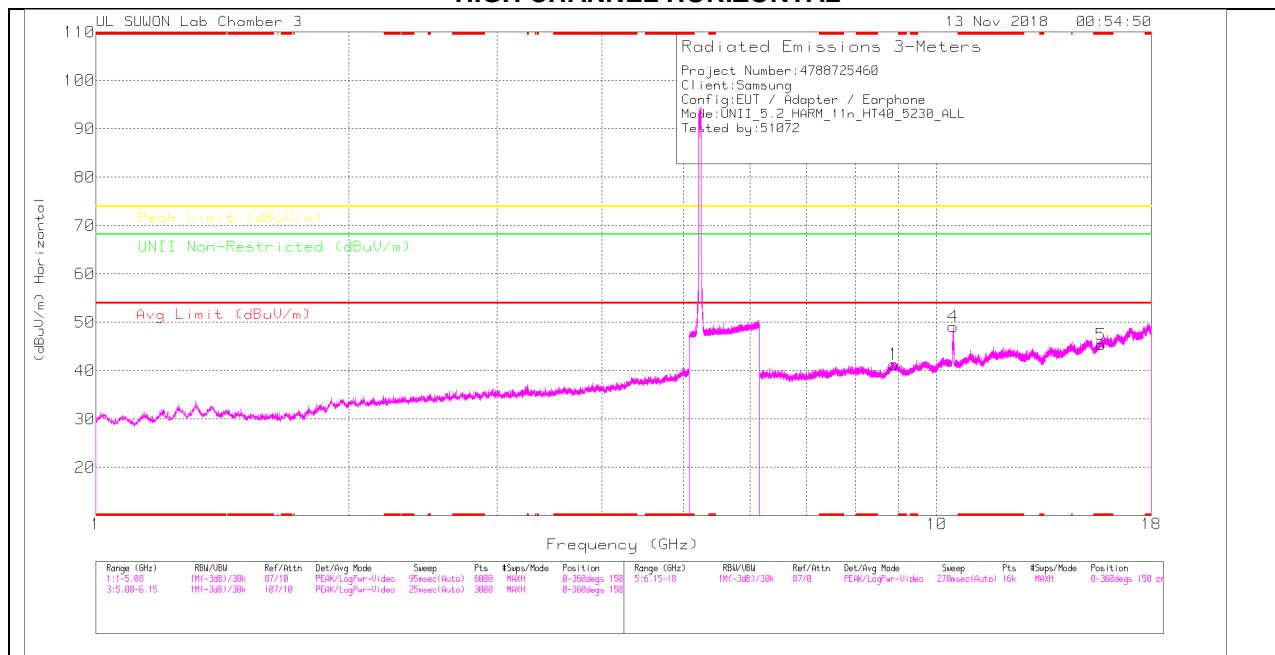
Radiated Emissions

Frequency (GHz)	Meter Reading (dBμV)	Det	3117_00209559	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	UNII Non-Restricted (dBμV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.381	39.16	PK-U	37.6	-19.1	0	57.66	-	-	-	-	68.2	-10.54	118	112	H
10.383	36.28	PK-U	37.6	-19.1	0	54.78	-	-	-	-	68.2	-13.42	190	339	V

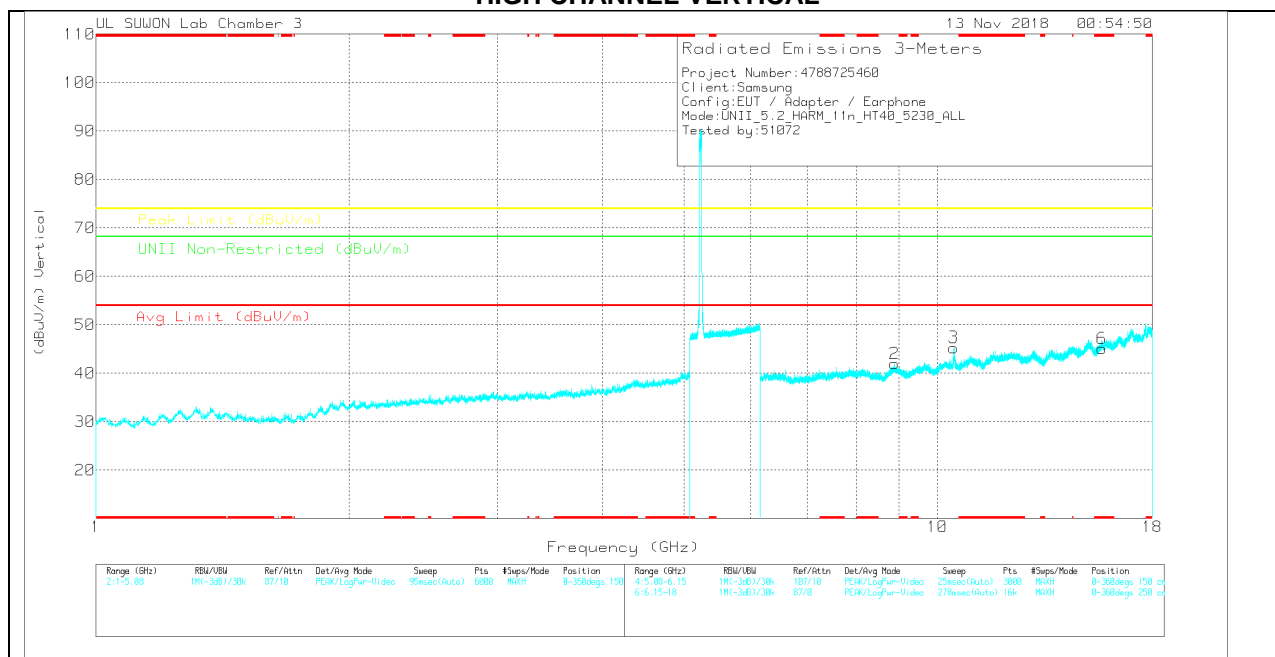
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.894	25.87	PK	36.5	-21	0	41.37	-	-	-	-	68.2	-26.83	0-360	150	H
4	10.461	30.77	PK	37.7	-19.3	0	49.17	-	-	-	-	68.2	-19.03	0-360	250	H
5	* 15.691	24.32	PK	40.4	-19.3	0	45.42	-	-	74	-28.58	-	-	0-360	150	H
2	8.89	26.4	PK	36.5	-20.9	0	42	-	-	-	-	68.2	-26.2	0-360	250	V
3	10.458	26.91	PK	37.7	-19.3	0	45.31	-	-	-	-	68.2	-22.89	0-360	250	V
6	* 15.691	24.04	PK	40.4	-19.3	0	45.14	-	-	74	-28.86	-	-	0-360	250	V

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

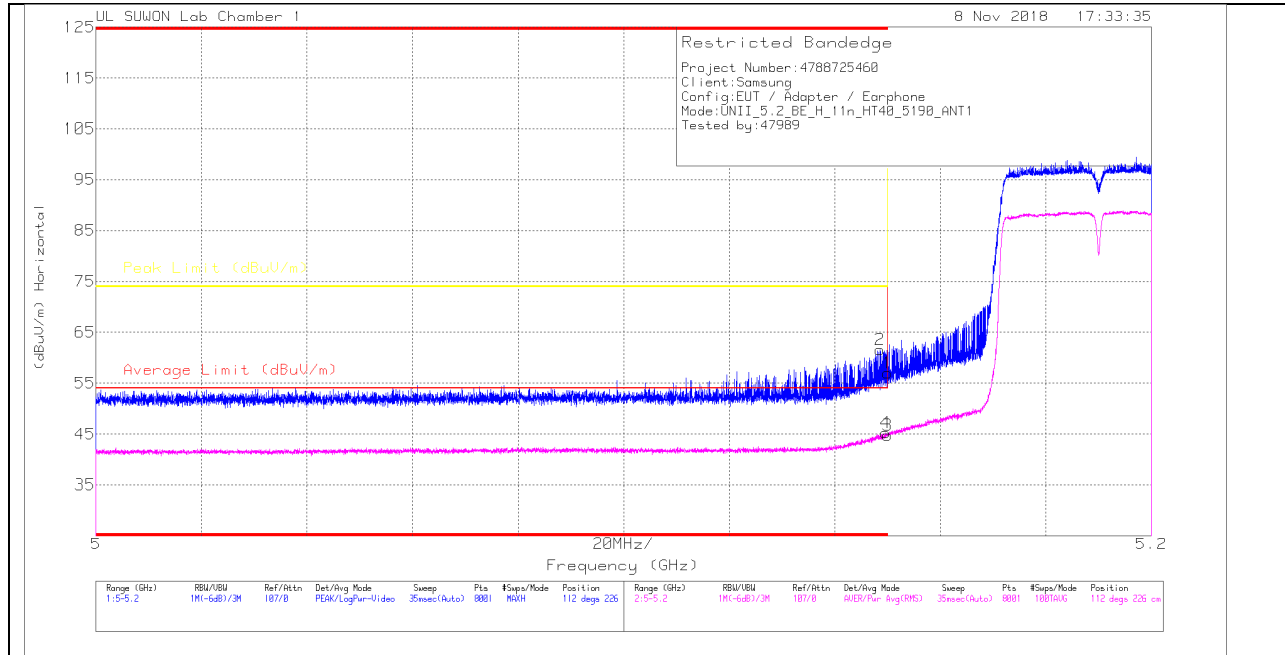
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.461	36.87	PK-U	37.7	-19.3	0	55.27	-	-	-	-	68.2	-12.93	114	293	H
10.458	33.29	PK-U	37.7	-19.3	0	51.69	-	-	-	-	68.2	-16.51	197	236	V

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

11.1.8.TX Above 1GHz 802.11n HT40 1Tx ANT1 IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

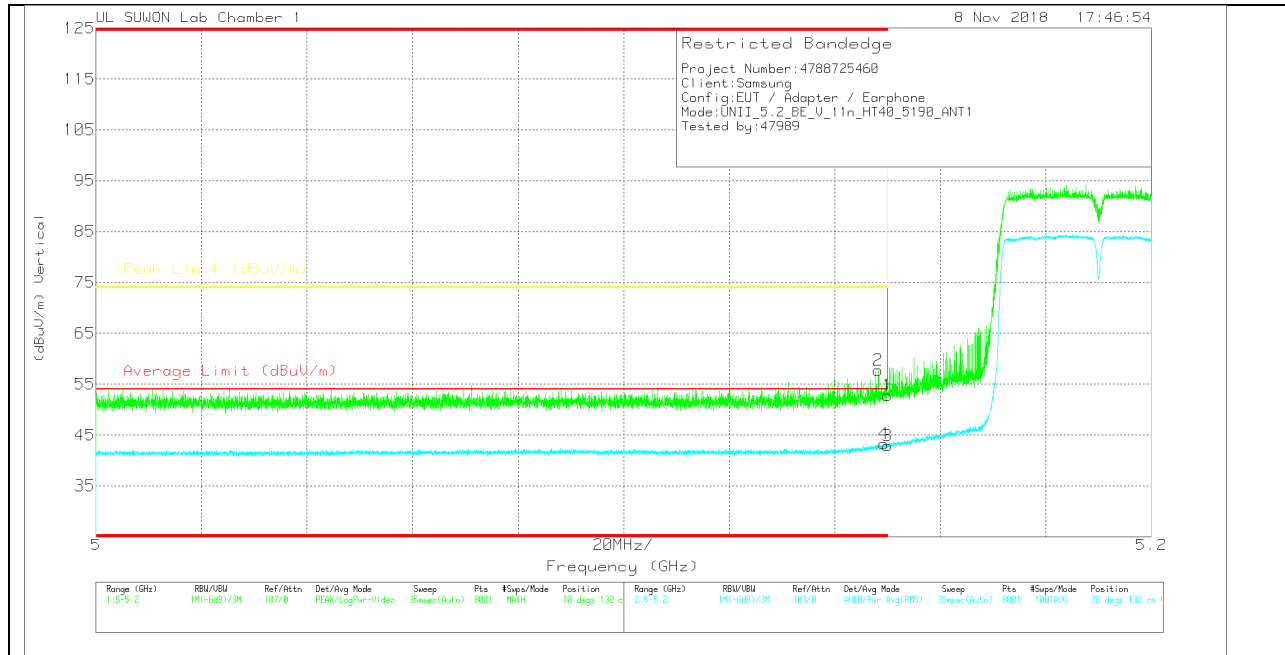
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	44.28	Pk	34.5	-21.8	0	56.98	-	-	74	-17.02	112	226	H
2	* 5.149	48.97	Pk	34.4	-21.8	0	61.57	-	-	74	-12.43	112	226	H
3	5.15	32.29	RMS	34.5	-22	0	44.79	54	-9.21	-	-	112	226	H
4	* 5.15	32.89	RMS	34.4	-22	0	45.29	54	-8.71	-	-	112	226	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	40.13	Pk	34.5	-21.8	0	52.83	-	-	74	-21.17	70	132	V
2	* 5.148	45.12	Pk	34.4	-21.8	0	57.72	-	-	74	-16.28	70	132	V
3	5.15	30.43	RMS	34.5	-22	0	42.93	54	-11.07	-	-	70	132	V
4	* 5.149	30.86	RMS	34.4	-22	0	43.26	54	-10.74	-	-	70	132	V

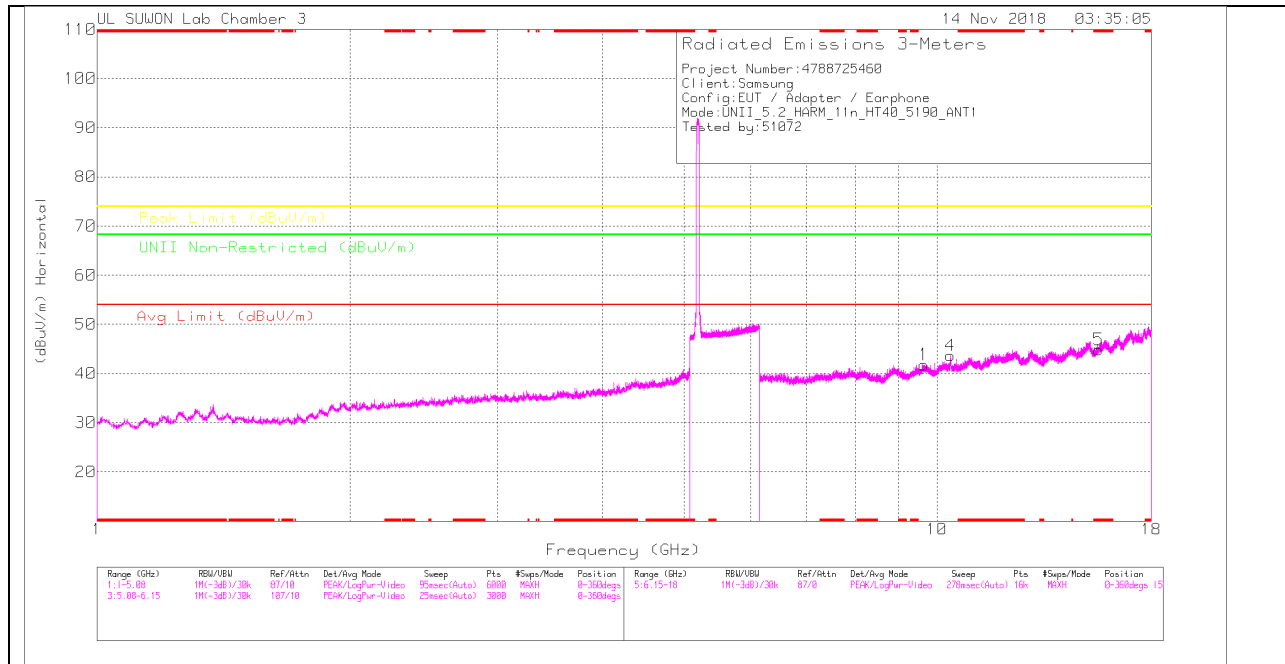
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

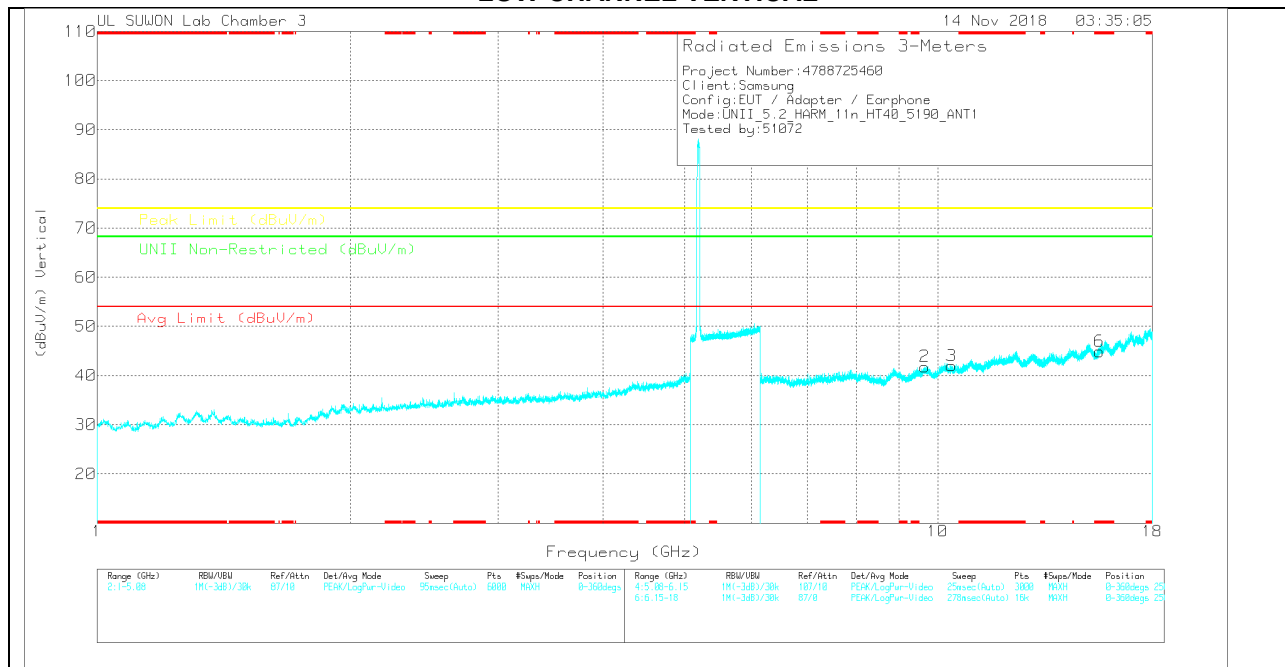
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	1117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNH Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.649	24.39	PK	37.1	-19.7	0	41.79	-	-	-	-	68.2	-26.41	0-360	250	H
4	10.378	25.26	PK	37.6	-19.2	0	43.66	-	-	-	-	68.2	-24.54	0-360	250	H
5	* 15.57	24.26	PK	40.2	-19.6	0	44.86	-	-	74	-29.14	-	-	0-360	250	H
2	9.653	24.51	PK	37.1	-19.8	0	41.81	-	-	-	-	68.2	-26.39	0-360	250	V
3	10.386	23.59	PK	37.6	-19.2	0	41.99	-	-	-	-	68.2	-26.21	0-360	150	V
6	* 15.57	24.3	PK	40.2	-19.6	0	44.9	-	-	74	-29.1	-	-	0-360	150	V

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

PK – Peak Detector

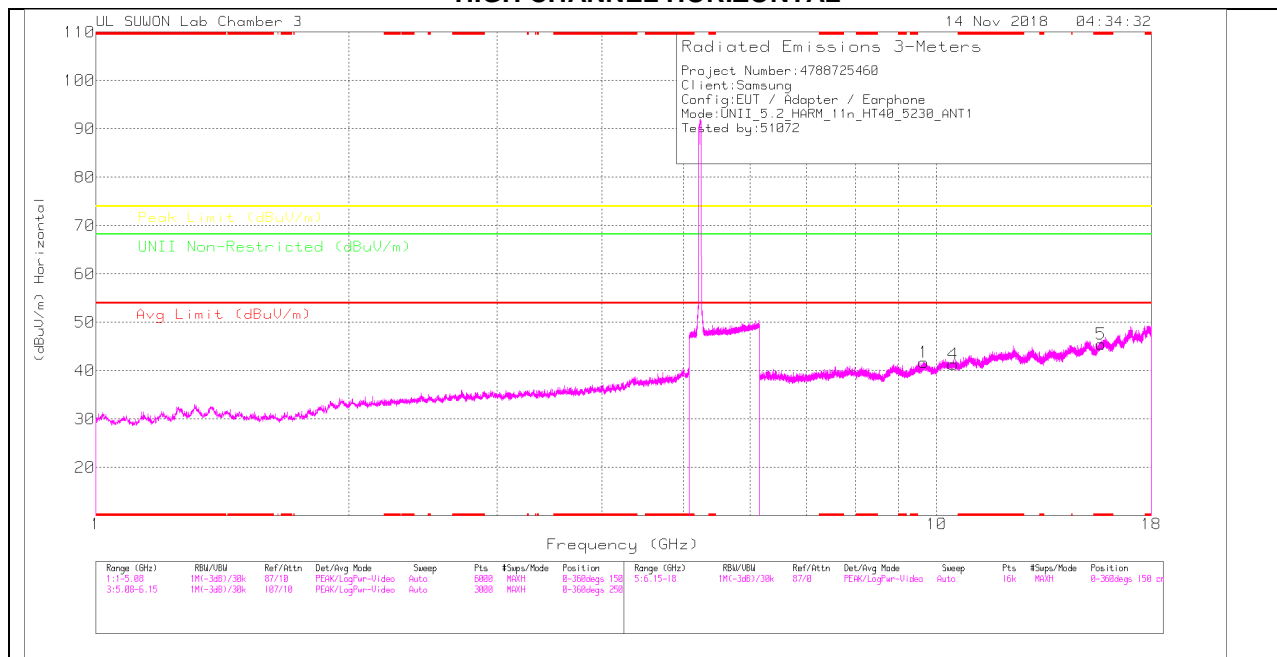
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	1117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNH Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.378	33.84	PK-U	37.6	-19.2	0	52.24	-	-	-	-	68.2	-15.96	212	305	H
10.386	32.27	PK-U	37.6	-19.2	0	50.67	-	-	-	-	68.2	-17.53	13	141	V

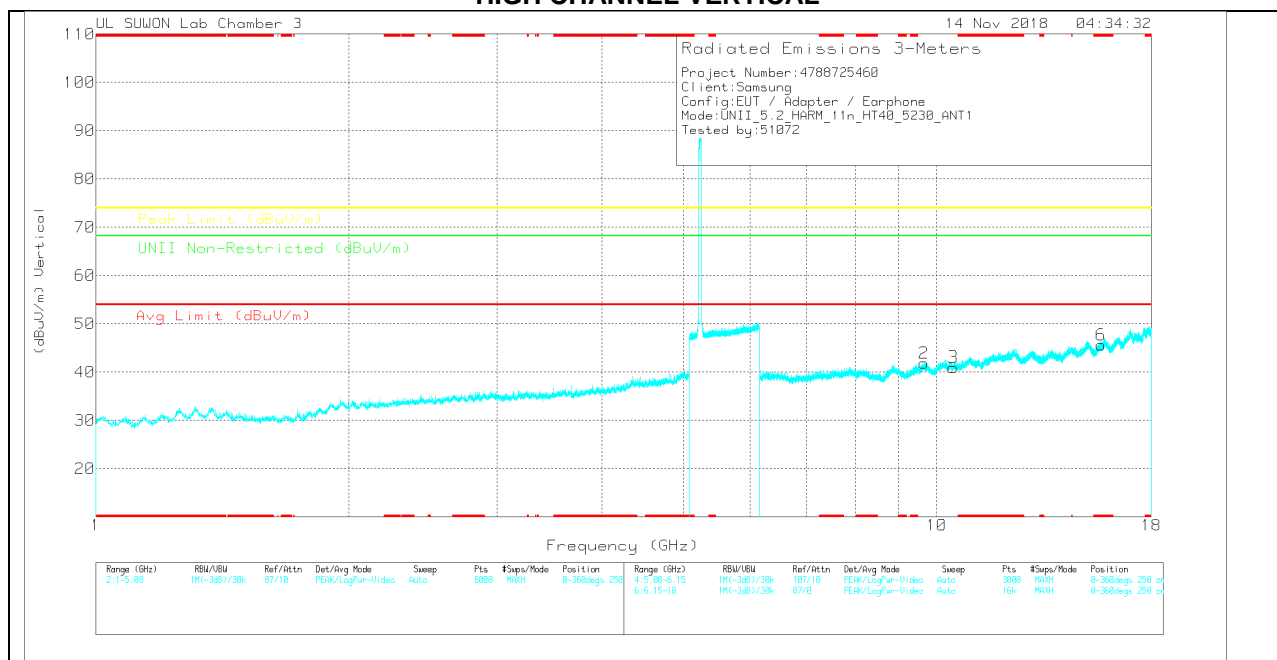
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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_0020959	GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.653	24.29	PK	37.1	-19.7	0	41.69	-	-	-	-	68.2	-26.51	0-360	150	H
4	10.461	22.96	PK	37.7	-19.3	0	41.36	-	-	-	-	68.2	-26.84	0-360	150	H
5	* 15.69	24.38	PK	40.4	-19.3	0	45.48	-	-	74	-28.52	-	-	0-360	150	H
2	9.653	24.51	PK	37.1	-19.8	0	41.81	-	-	-	-	68.2	-26.39	0-360	250	V
3	10.461	22.62	PK	37.7	-19.3	0	41.02	-	-	-	-	68.2	-27.18	0-360	150	V
6	* 15.69	24.5	PK	40.4	-19.3	0	45.6	-	-	74	-28.4	-	-	0-360	250	V

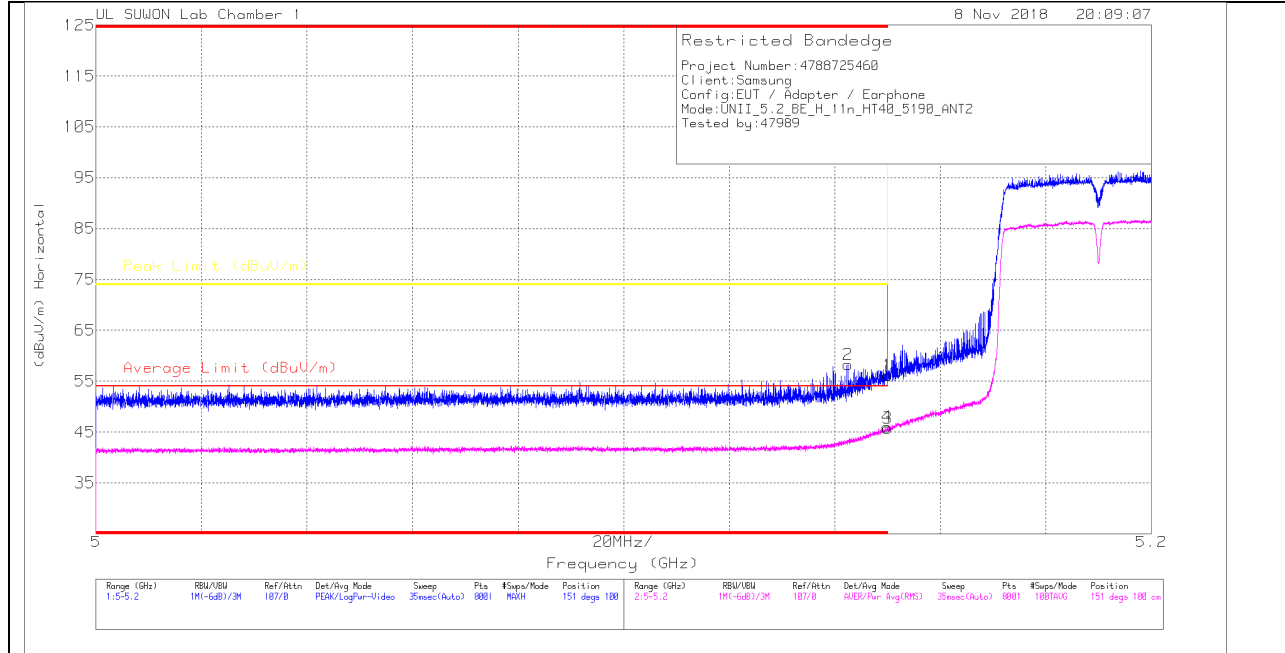
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.1.9.TX Above 1GHz 802.11n HT40 1Tx ANT2 IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

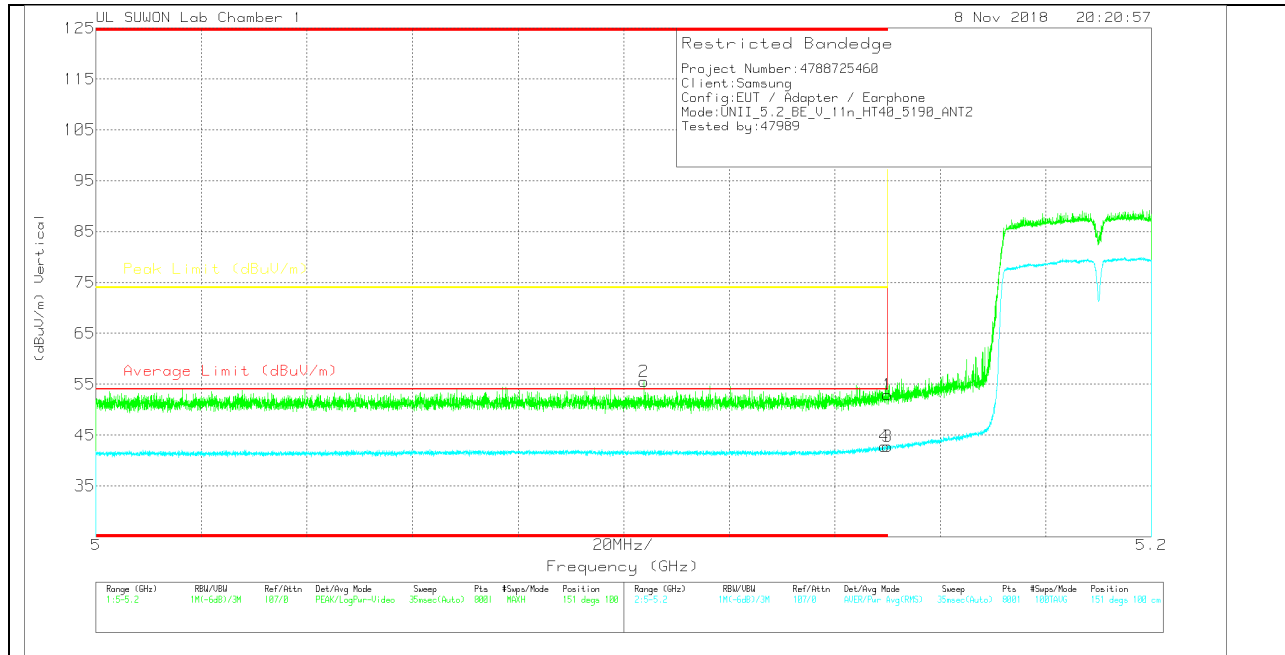
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	43.42	Pk	34.5	-21.8	0	56.12	-	-	74	-17.88	151	100	H
2	* 5.143	45.62	Pk	34.4	-21.8	0	58.22	-	-	74	-15.78	151	100	H
3	5.15	33.22	RMS	34.5	-22	0	45.72	54	-8.28	-	-	151	100	H
4	* 5.15	33.59	RMS	34.4	-22	0	45.99	54	-8.01	-	-	151	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	40.26	Pk	34.5	-21.8	0	52.96	-	-	74	-21.04	151	100	V
2	* 5.104	42.88	Pk	34.4	-21.8	0	55.48	-	-	74	-18.52	151	100	V
3	5.15	30.28	RMS	34.5	-22	0	42.78	54	-11.22	-	-	151	100	V
4	* 5.149	30.4	RMS	34.4	-22	0	42.8	54	-11.2	-	-	151	100	V

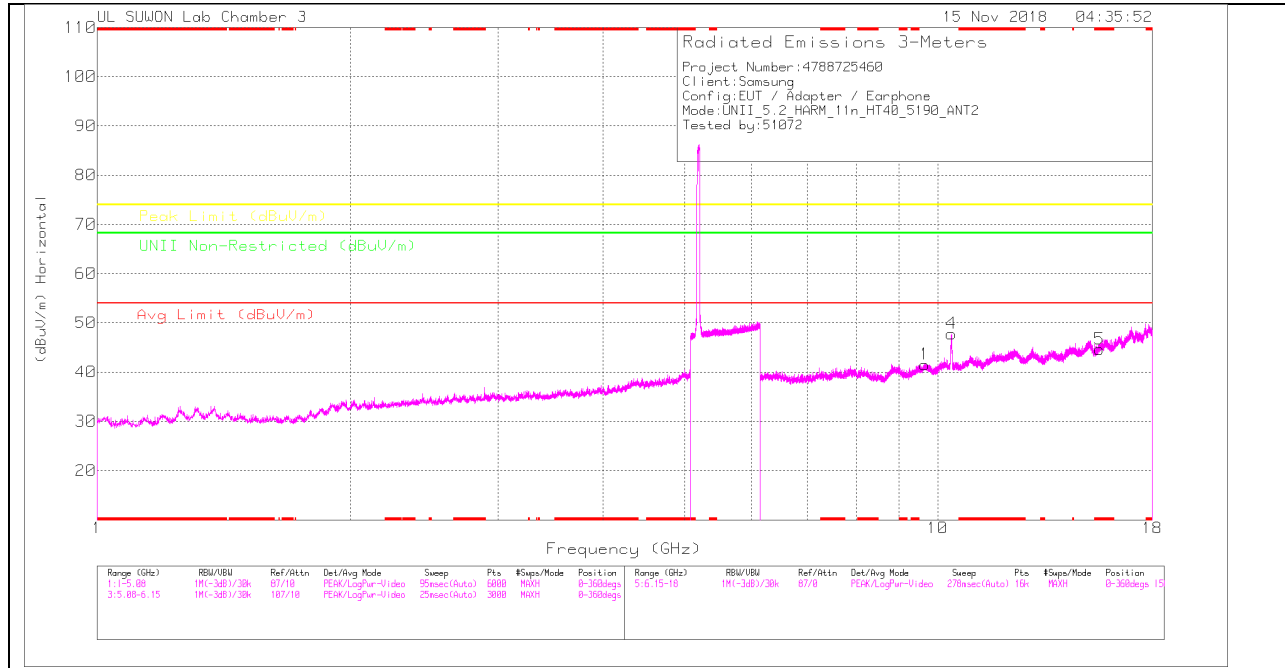
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

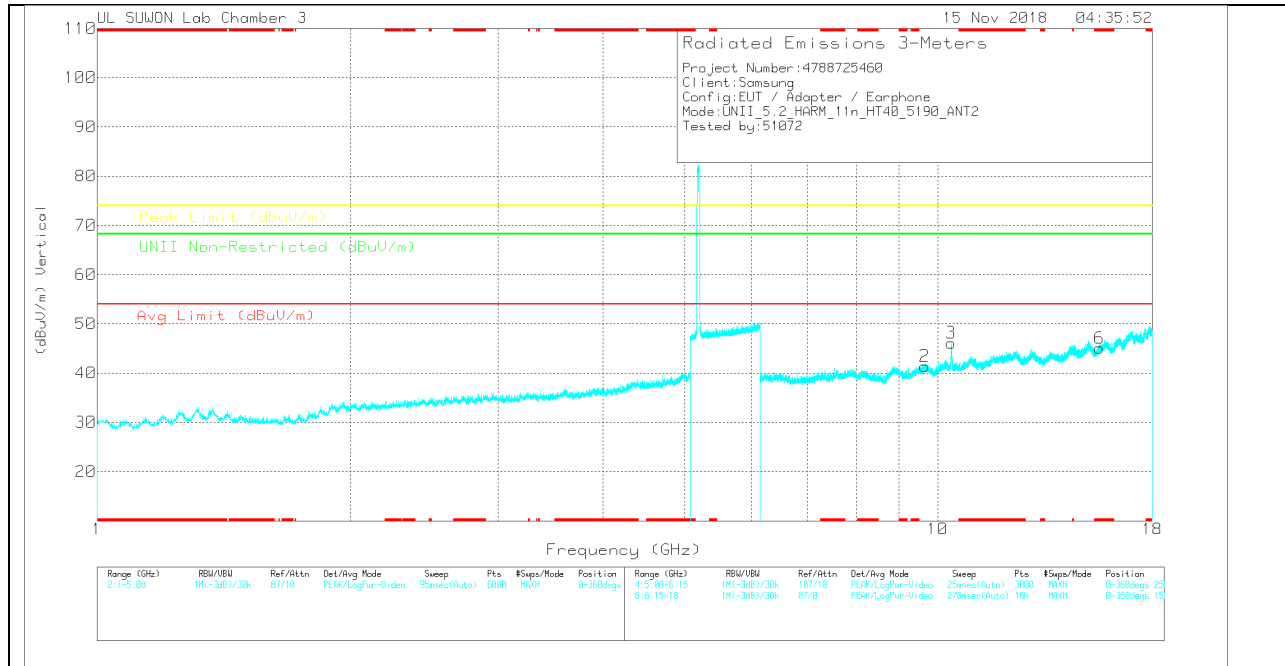
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	9.653	24.25	PK	37.1	-19.8	0	41.55	-	-	-	-	68.2	-26.65	0-360	250	H
4	10.384	29.41	PK	37.6	-19.2	0	47.81	-	-	-	-	68.2	-20.39	0-360	150	H
5	*15.571	24.05	PK	40.2	-19.6	0	44.65	-	-	74	-29.35	-	-	0-360	150	H
2	9.651	23.99	PK	37.1	-19.7	0	41.39	-	-	-	-	68.2	-26.81	0-360	150	V
3	10.376	27.73	PK	37.6	-19.2	0	46.13	-	-	-	-	68.2	-22.07	0-360	250	V
6	*15.571	24.47	PK	40.2	-19.6	0	45.07	-	-	74	-28.93	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

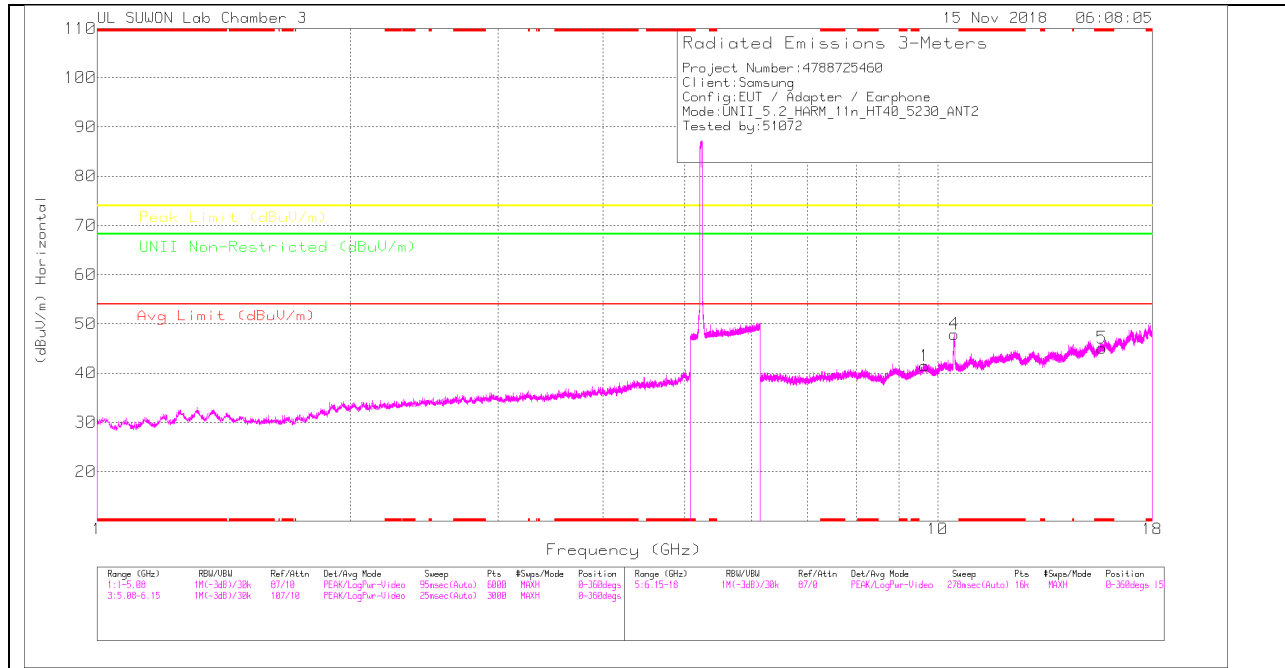
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.384	39.6	PK-U	37.6	-19.2	0	58	-	-	-	-	68.2	-10.2	219	115	H
*15.571	32.12	PK-U	40.2	-19.6	0	52.72	-	-	74	-21.28	-	-	157	168	H
*15.571	22.01	ADR	40.2	-19.6	0	42.61	54	-11.39	-	-	-	-	157	168	H
10.376	32.48	PK-U	37.6	-19.2	0	50.88	-	-	-	-	68.2	-17.32	132	313	V
*15.571	31.64	PK-U	40.2	-19.6	0	52.24	-	-	74	-21.76	-	-	332	125	V
*15.571	21.68	ADR	40.2	-19.6	0	42.28	54	-11.72	-	-	-	-	332	125	V

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

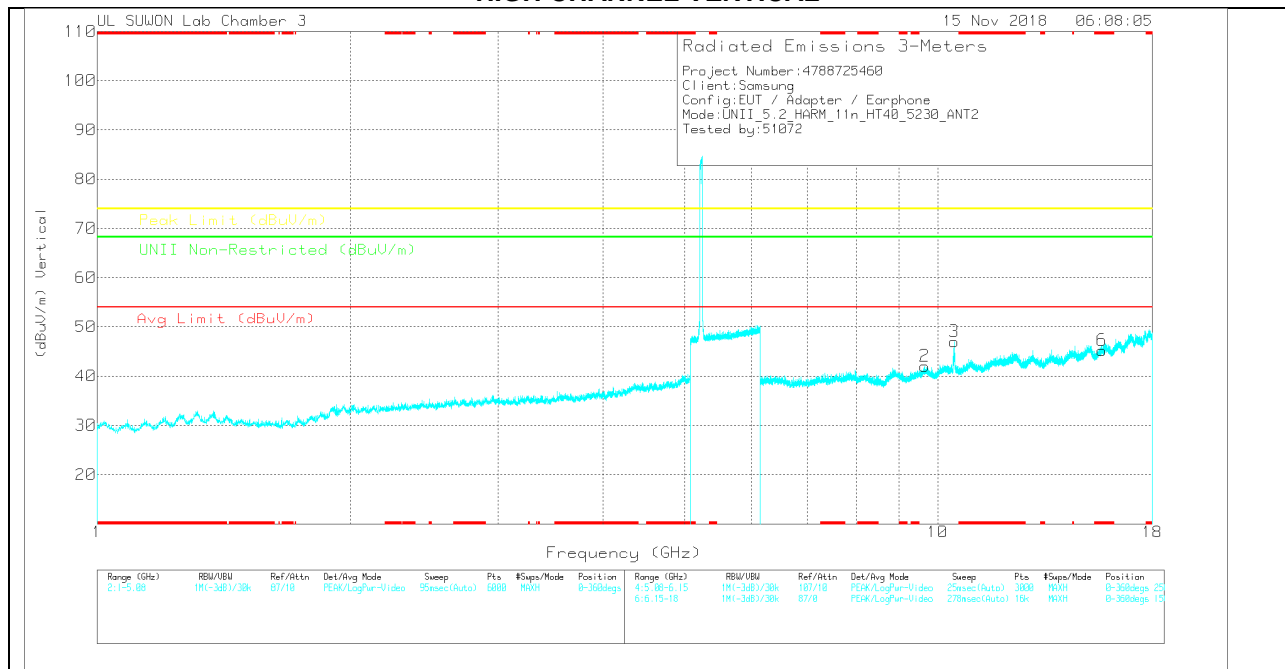
PK-U - U-NII: Maximum Peak

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.657	24.09	PK	37.1	-19.7	0	41.49	-	-	-	-	68.2	-26.71	0-360	250	H
4	10.46	29.53	PK	37.7	-19.3	0	47.93	-	-	-	-	68.2	-20.27	0-360	250	H
5	* 15.691	24.02	PK	40.4	-19.3	0	45.12	-	-	74	-28.88	-	-	0-360	250	H
2	9.656	24.75	PK	37.1	-19.8	0	42.05	-	-	-	-	68.2	-26.15	0-360	250	V
3	10.459	28.61	PK	37.7	-19.3	0	47.01	-	-	-	-	68.2	-21.19	0-360	250	V
6	* 15.691	24.14	PK	40.4	-19.3	0	45.24	-	-	74	-28.76	-	-	0-360	250	V

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

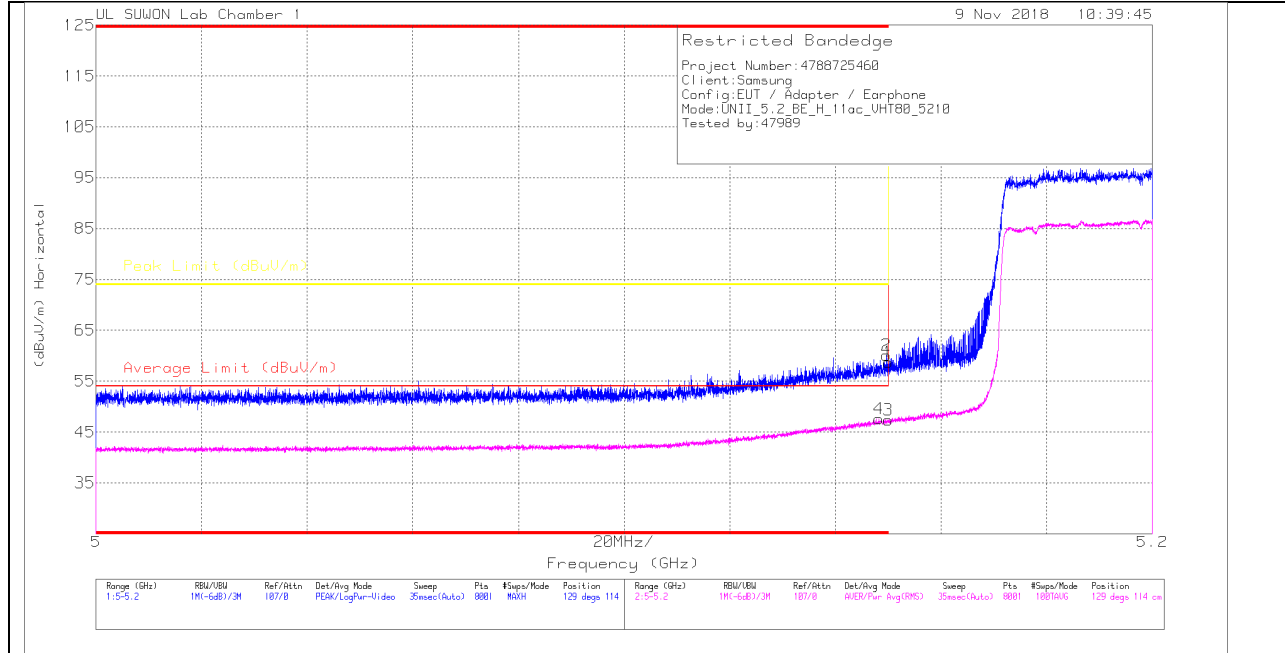
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.46	38.32	PK-U	37.7	-19.3	0	56.72	-	-	-	-	68.2	-11.48	237	120	H
10.459	35.76	PK-U	37.7	-19.3	0	54.16	-	-	-	-	68.2	-14.04	207	356	V

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

**11.1.10. TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE 5.2GHz BAND
 RESTRICTED BANDEDGE (LOW CHANNEL)**

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

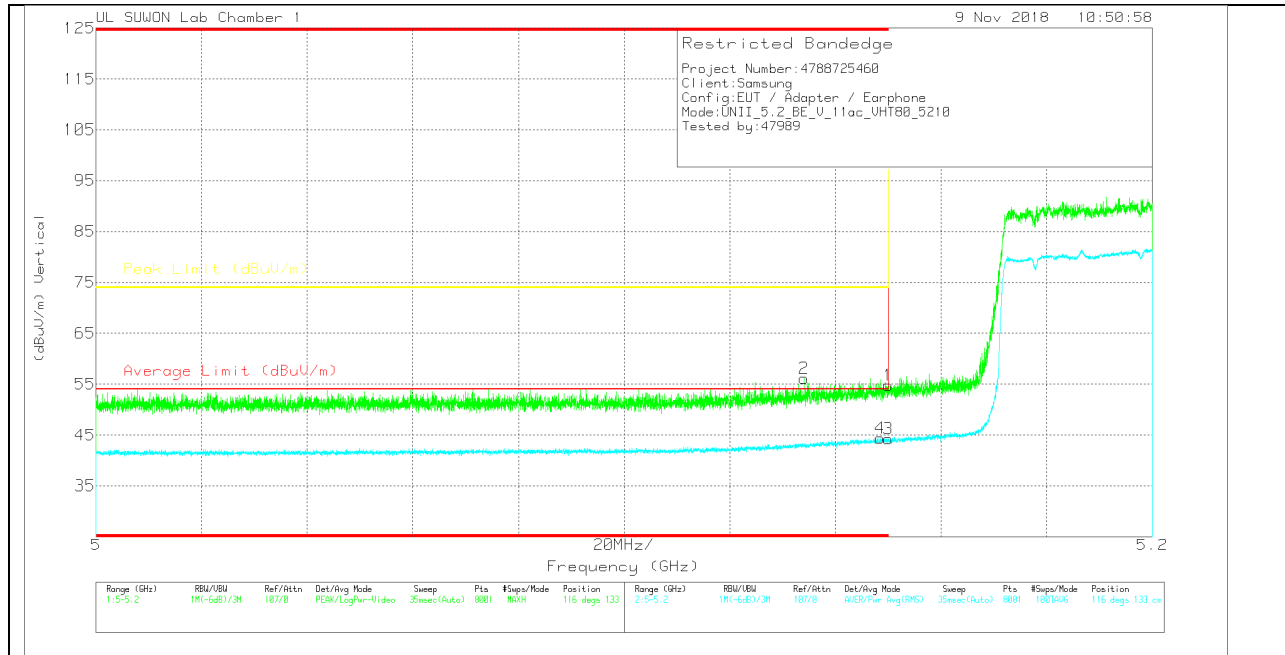
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	45.99	Pk		34.5	-21.8	0	58.69	-	74	-15.31	129	114	H
2	* 5.15	47.53	Pk		34.4	-21.8	0	60.13	-	74	-13.87	129	114	H
3	5.15	34.88	RMS		34.5	-22	0	47.38	54	-6.62	-	129	114	H
4	* 5.148	35.17	RMS		34.4	-22	0	47.57	54	-6.43	-	129	114	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	42.08	Pk	34.5	-21.8	0	54.78	-	-	74	-19.22	116	133	V
2	* 5.134	43.55	Pk	34.4	-21.8	0	56.15	-	-	74	-17.85	116	133	V
3	5.15	31.78	RMS	34.5	-22	0	44.28	54	-9.72	-	-	116	133	V
4	* 5.148	31.99	RMS	34.4	-22	0	44.39	54	-9.61	-	-	116	133	V

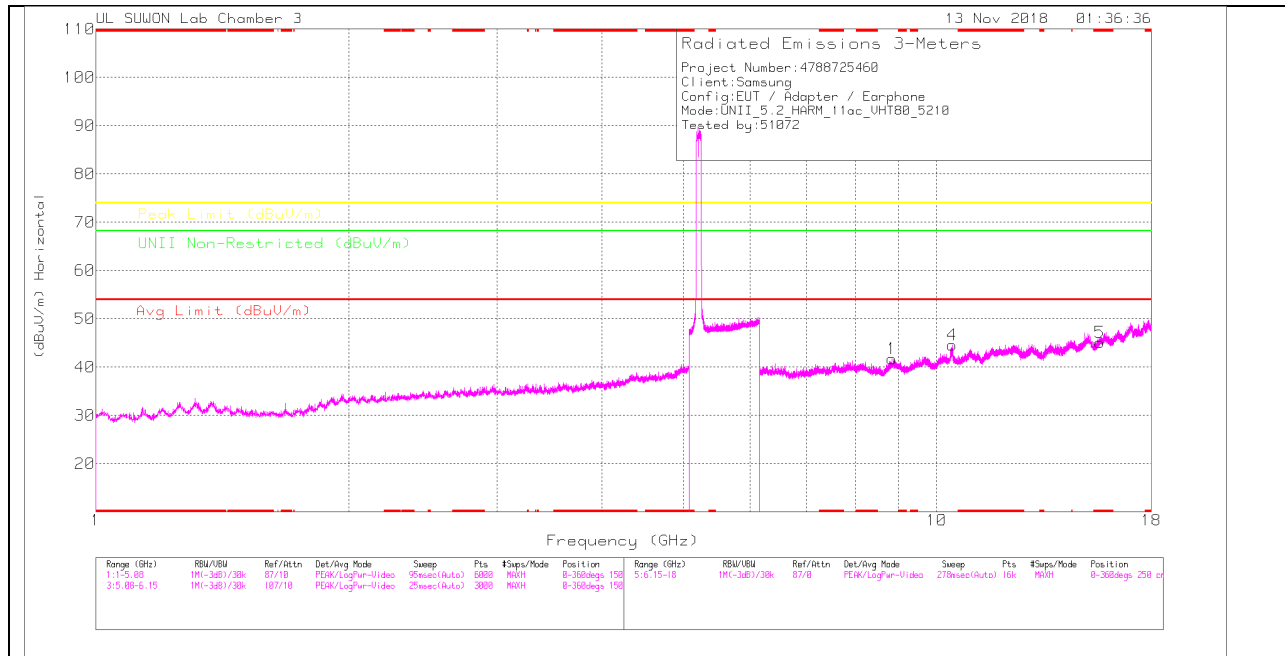
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

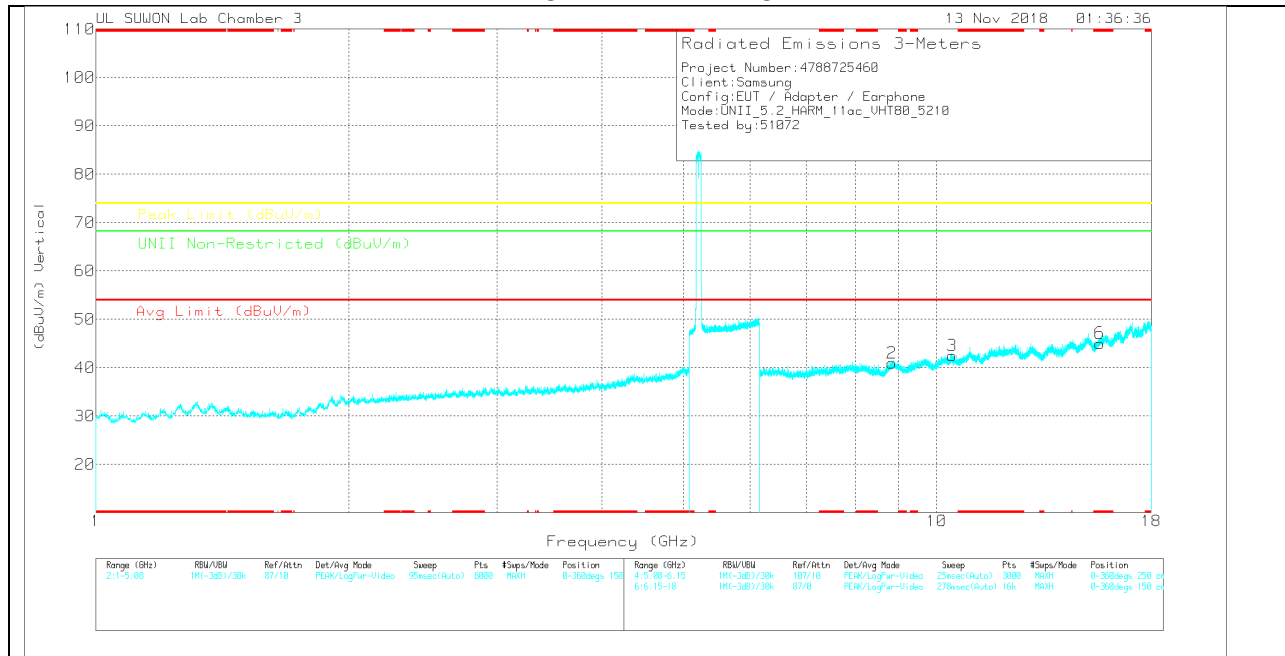
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	8.842	26.09	PK	36.5	-20.8	0	41.79	-	-	-	-	68.2	-26.41	0-360	150	H
4	10.435	26.16	PK	37.7	-19.3	0	44.56	-	-	-	-	68.2	-23.64	0-360	250	H
5	*15.621	24.23	PK	40.3	-19.4	0	45.13	-	-	74	-28.87	-	-	0-360	150	H
2	8.843	25.21	PK	36.5	-20.8	0	40.91	-	-	-	-	68.2	-27.29	0-360	150	V
3	10.43	24.2	PK	37.7	-19.4	0	42.5	-	-	-	-	68.2	-25.7	0-360	250	V
6	*15.631	24.15	PK	40.3	-19.4	0	45.05	-	-	74	-28.95	-	-	0-360	150	V

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

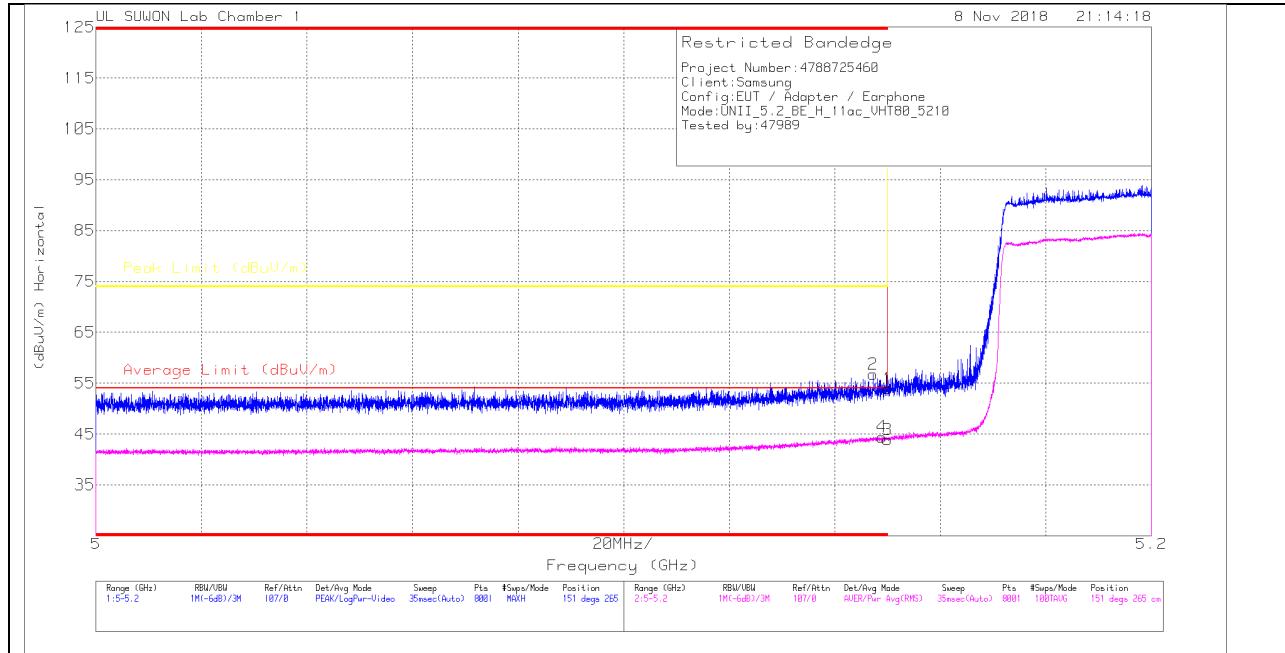
Radiated Emissions

Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.435	30.7	PK-U	37.7	-19.3	0	49.1	-	-	-	-	68.2	-19.1	59	372	H
10.431	30.79	PK-U	37.7	-19.4	0	49.09	-	-	-	-	68.2	-19.11	84	364	V

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

**11.1.11. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT1 MODE IN THE 5.2GHz BAND
 RESTRICTED BANDEDGE (LOW CHANNEL)**

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

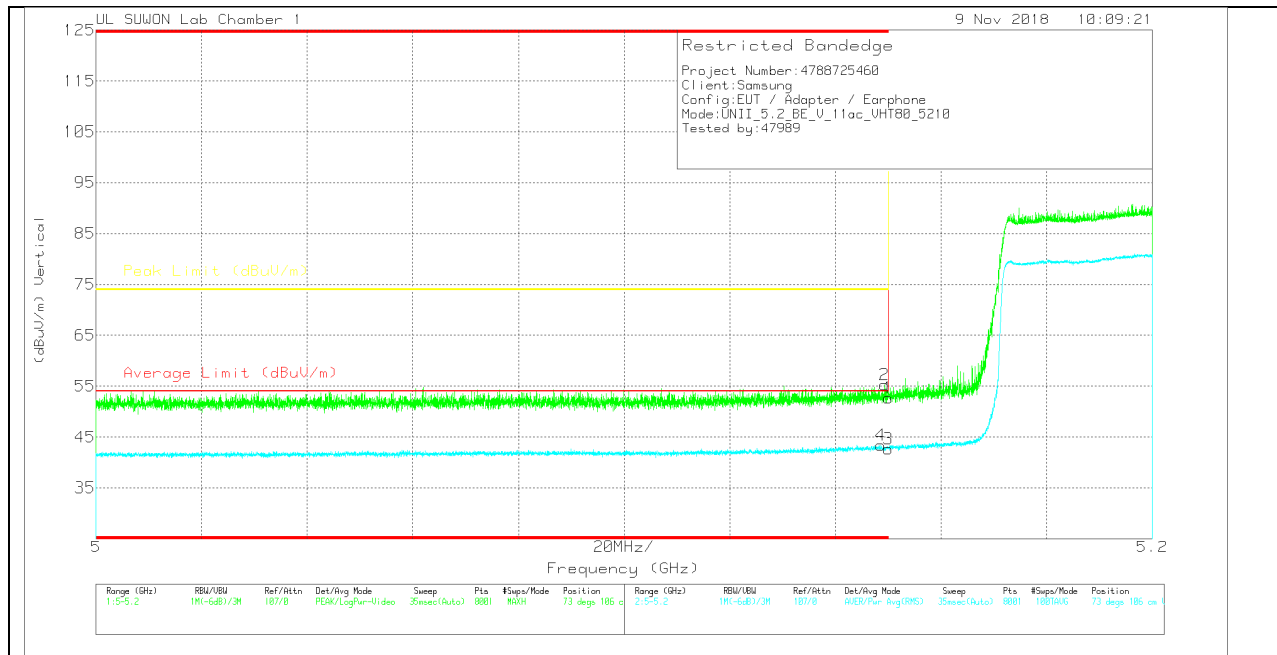
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	41.19	Pk	34.5	-21.8	0	53.89	-	-	74	-20.11	151	265	H
2	* 5.147	44.13	Pk	34.4	-21.8	0	56.73	-	-	74	-17.27	151	265	H
3	5.15	31.37	RMS	34.5	-22	0	43.87	54	-10.13	-	-	151	265	H
4	* 5.149	32.05	RMS	34.4	-22	0	44.45	54	-9.55	-	-	151	265	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azmuth (Degs)	Height (cm)	Polarity
1	5.15	39.96	Pk	34.5	-21.8	0	52.66	-	-	74	-21.34	73	106	V
2	* 5.149	42.63	Pk	34.4	-21.8	0	55.23	-	-	74	-18.77	73	106	V
3	5.15	30.11	RMS	34.5	-22	0	42.61	54	-11.39	-	-	73	106	V
4	* 5.149	31.01	RMS	34.4	-22	0	43.41	54	-10.59	-	-	73	106	V

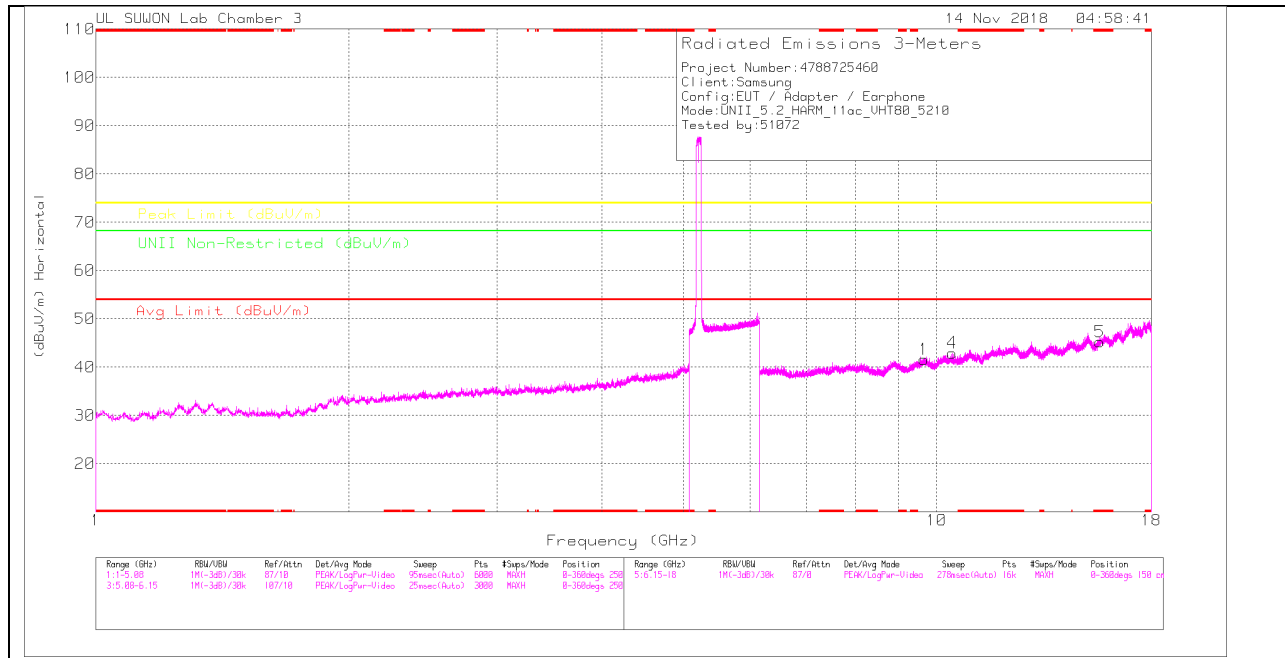
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

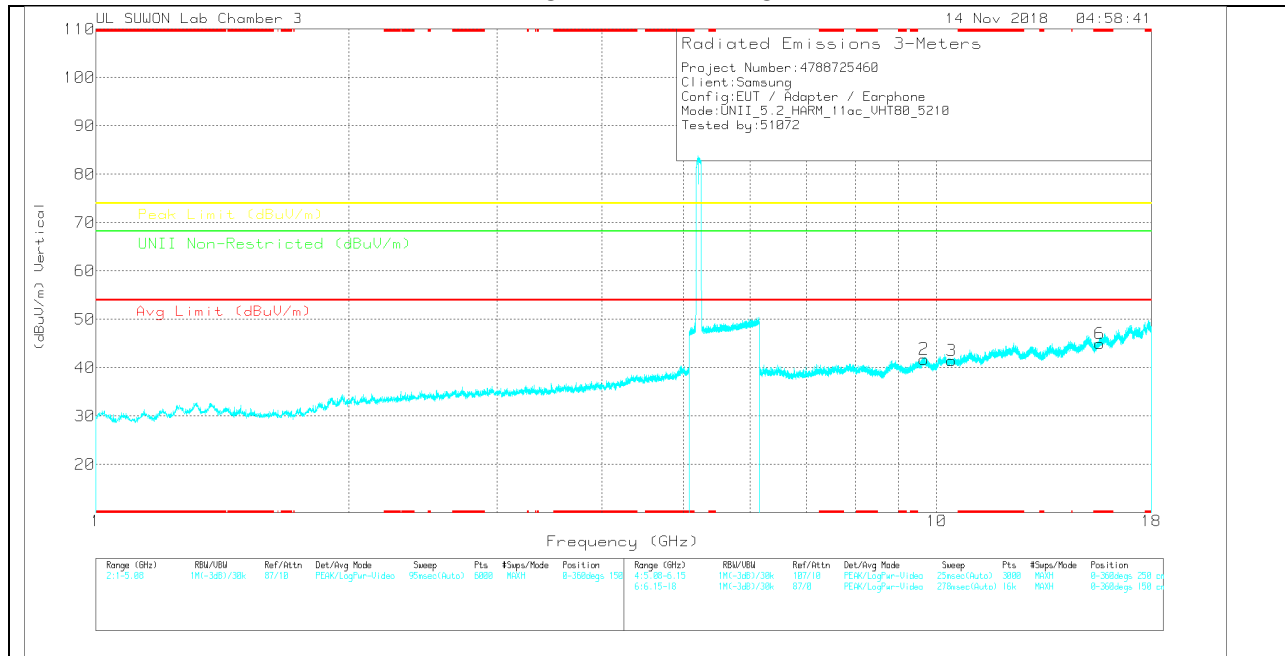
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBµV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	Margin (dB)	Limit Non-Restricted (dBµV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	9.661	24.21	PK	37.1	-19.7	0	41.63	-	-	-	-	68.2	-26.59	0-360	150	H
4	10.425	24.67	PK	37.7	-19.4	0	43.97	-	-	-	-	68.2	-25.23	0-360	250	H
5	*15.621	24.34	PK	40.3	-19.4	0	45.24	-	-	74	-28.76	-	-	0-360	150	H
2	9.658	24.4	PK	37.1	-19.7	0	41.8	-	-	-	-	68.2	-26.4	0-360	250	V
3	10.42	23.24	PK	37.6	-19.4	0	41.44	-	-	-	-	68.2	-26.76	0-360	150	V
6	*15.631	24.13	PK	40.3	-19.4	0	45.03	-	-	74	-28.97	-	-	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

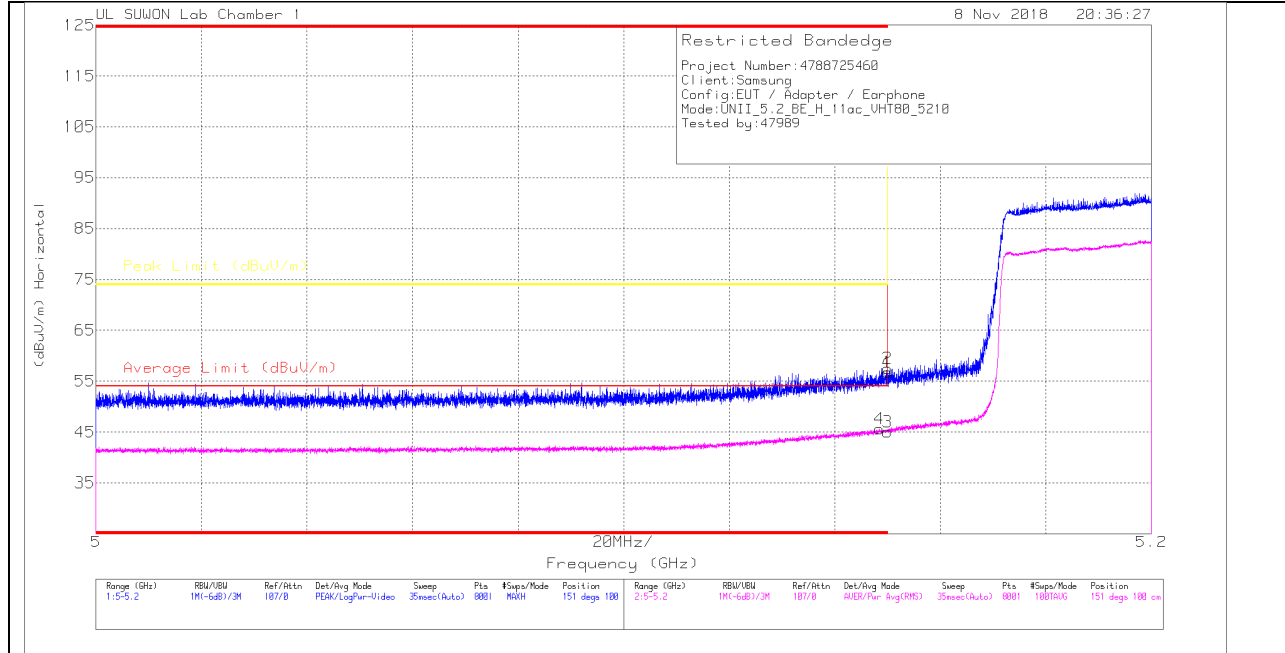
Frequency (GHz)	Meter Reading (dBµV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	Margin (dB)	Limit Non-Restricted (dBµV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.425	30.21	PK-U	37.7	-19.4	0	48.51	-	-	-	-	68.2	-19.69	264	112	H
10.42	31.73	PK-U	37.6	-19.4	0	49.93	-	-	-	-	68.2	-18.27	262	316	V

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

PK-U - U-NII: Maximum Peak

11.1.12. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT2 IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

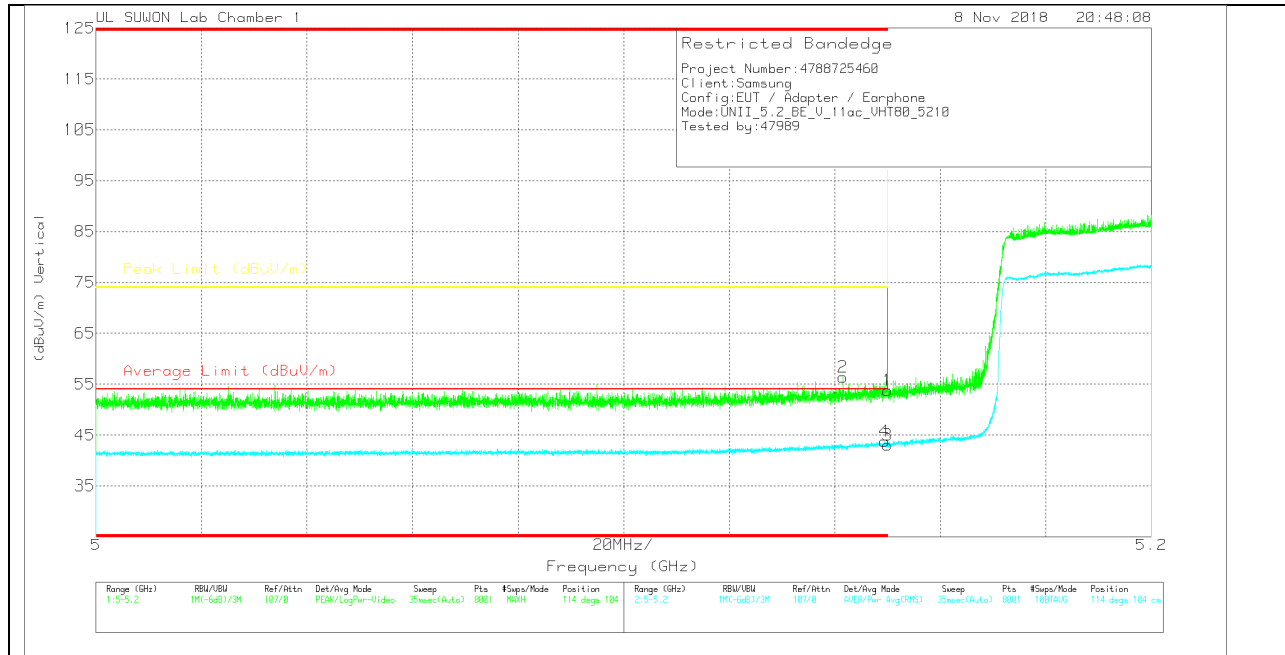
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_D0168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	44.02	Pk	34.5	-21.8	0	56.72	-	-	74	-17.28	151	100	H
2	* 5.15	44.92	Pk	34.4	-21.8	0	57.52	-	-	74	-16.48	151	100	H
3	5.15	32.51	RMS	34.5	-22	0	45.01	54	-8.99	-	-	151	100	H
4	* 5.149	33.23	RMS	34.4	-22	0	45.63	54	-8.37	-	-	151	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	41.12	Pk	34.5	-21.8	0	53.82	-	-	74	-20.18	114	104	V
2	* 5.142	43.8	Pk	34.4	-21.8	0	56.4	-	-	74	-17.6	114	104	V
3	5.15	30.51	RMS	34.5	-22	0	43.01	54	-10.99	-	-	114	104	V
4	* 5.149	31.33	RMS	34.4	-22	0	43.73	54	-10.27	-	-	114	104	V

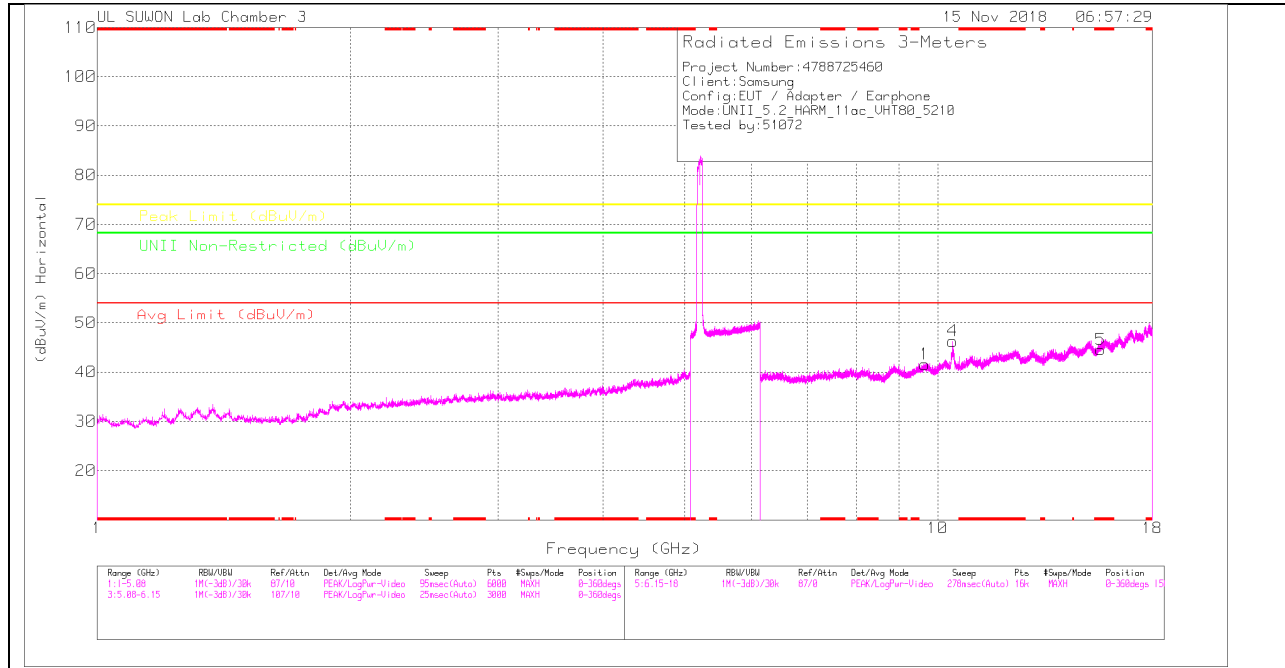
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

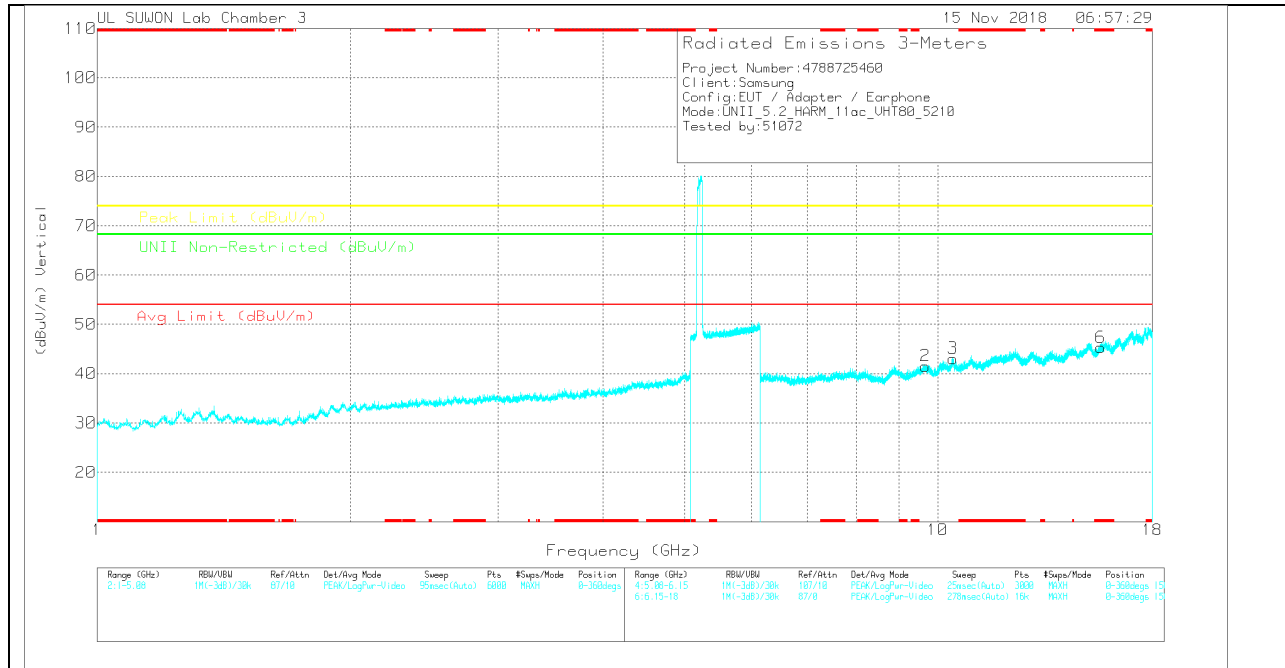
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	1117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	9.657	24.17	PK	37.1	-19.7	0	41.57	-	-	-	-	68.2	-26.63	0-360	250	H
4	10.418	28.09	PK	37.6	-19.4	0	46.29	-	-	-	-	68.2	-21.91	0-360	250	H
5	*15.621	23.66	PK	40.3	-19.4	0	44.56	-	-	74	-29.44	-	-	0-360	250	H
2	9.663	24.16	PK	37.1	-19.7	0	41.56	-	-	-	-	68.2	-26.64	0-360	150	V
3	10.427	24.78	PK	37.7	-19.4	0	43.08	-	-	-	-	68.2	-25.12	0-360	250	V
6	*15.631	24.41	PK	40.3	-19.4	0	45.31	-	-	74	-28.69	-	-	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	1117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.418	32.03	PK-U	37.6	-19.4	0	50.23	-	-	-	-	68.2	-17.97	222	152	H
10.427	32.8	PK-U	37.7	-19.4	0	51.1	-	-	-	-	68.2	-17.1	192	119	V

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

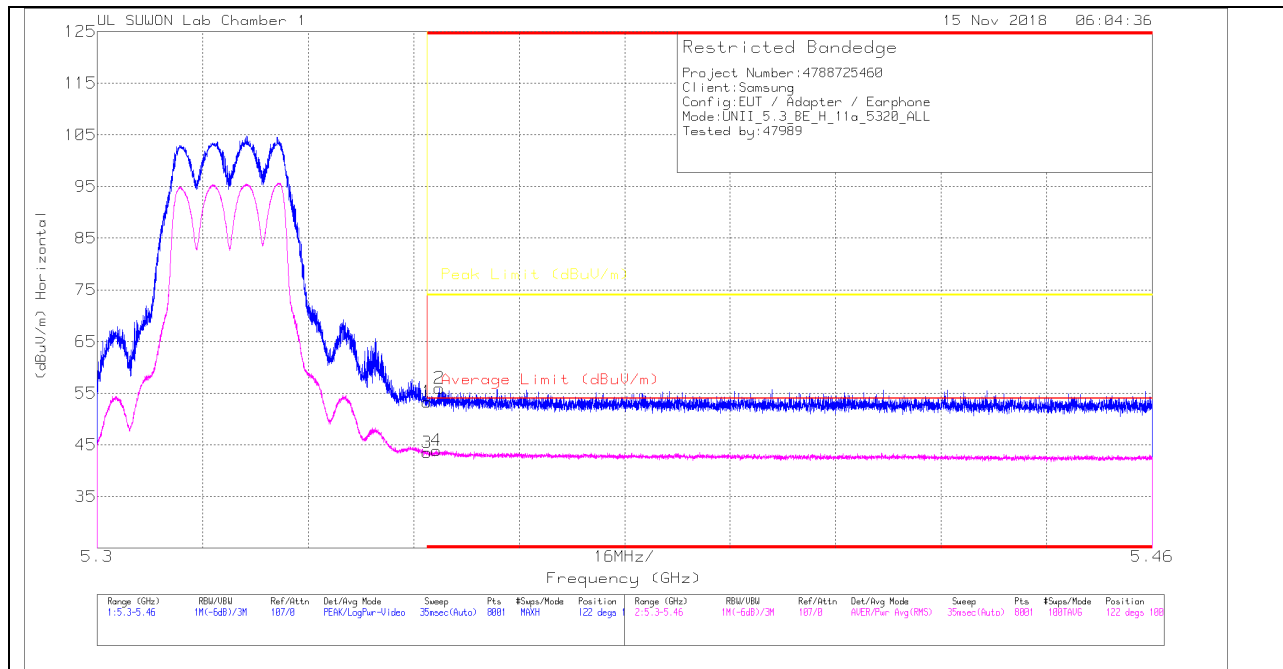
PK-U - U-NII: Maximum Peak

11.2. 5.3 GHz

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

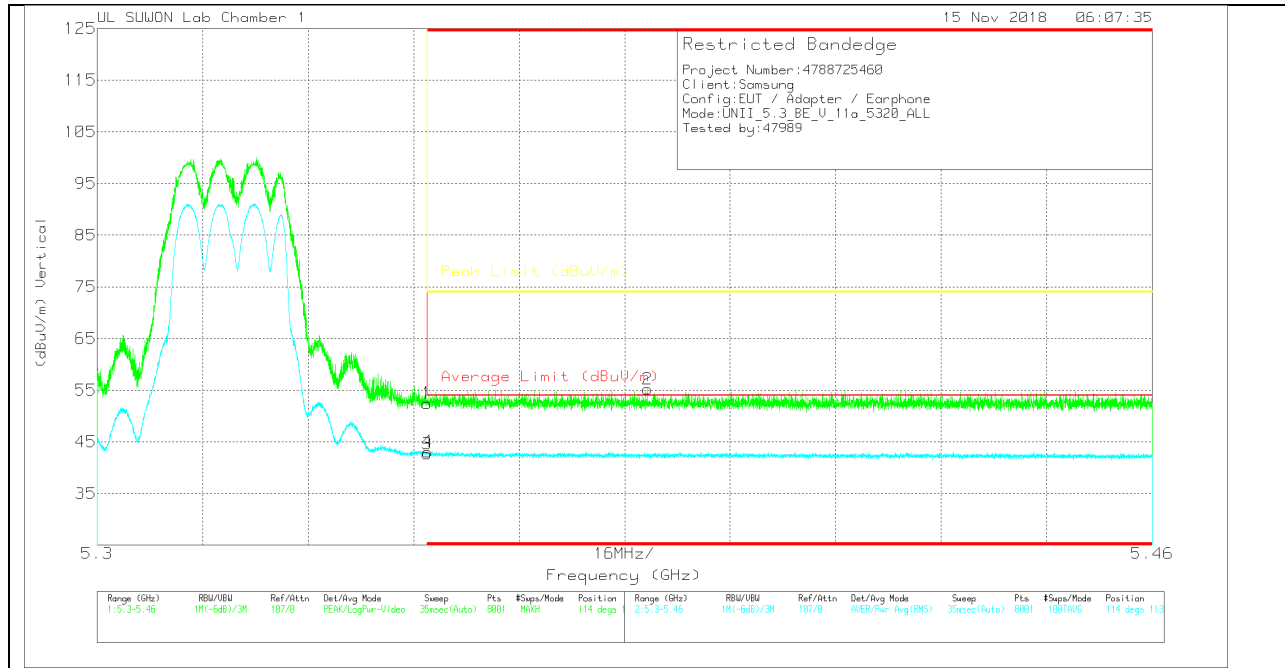
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asmuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.22	Pk	34.7	-21.6	0	53.32	-	-	74	-20.68	122	100	H
2	* 5.352	42.89	Pk	34.7	-21.6	0	55.99	-	-	74	-18.01	122	100	H
3	* 5.35	30.53	RMS	34.7	-21.7	0	43.53	54	-10.47	-	-	122	100	H
4	* 5.351	30.93	RMS	34.7	-21.7	0	43.93	54	-10.07	-	-	122	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

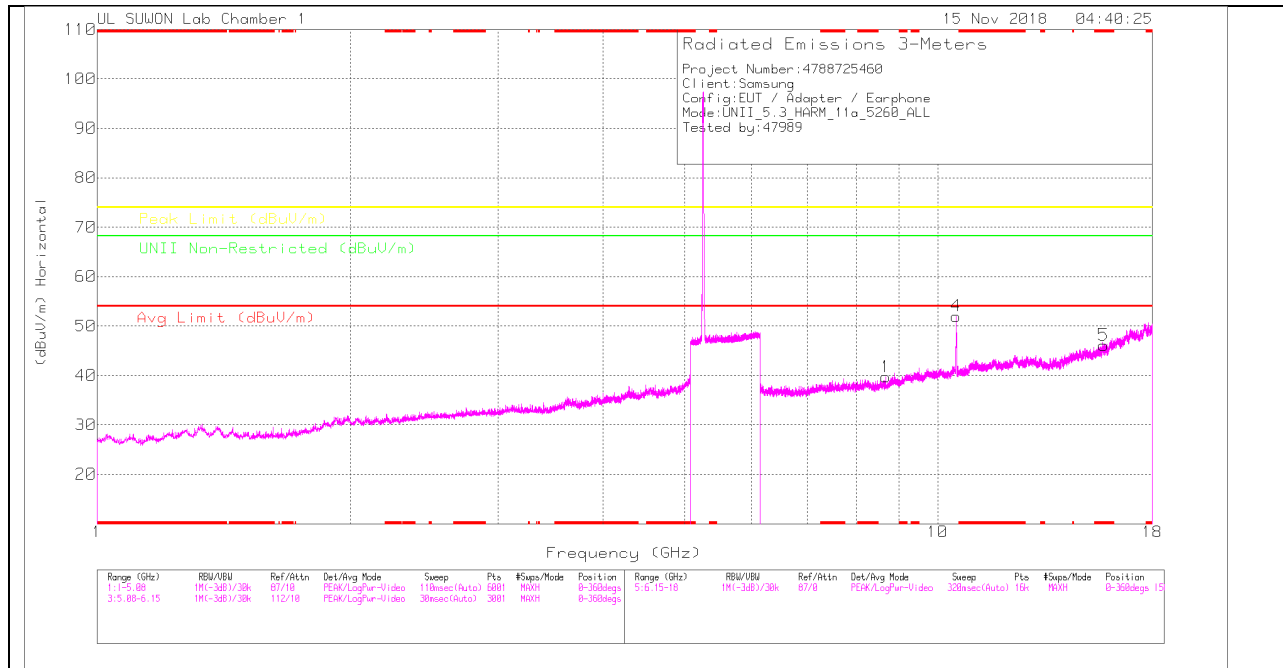
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	* 5.35	39.38	Pk	34.7	-21.6	0	52.48	-	-	74	-21.52	114	113	V
2	* 5.384	42.03	Pk	34.7	-21.5	0	55.23	-	-	74	-18.77	114	113	V
3	* 5.35	29.69	RMS	34.7	-21.7	0	42.69	54	-11.31	-	-	114	113	V
4	* 5.35	30.09	RMS	34.7	-21.7	0	43.09	54	-10.91	-	-	114	113	V

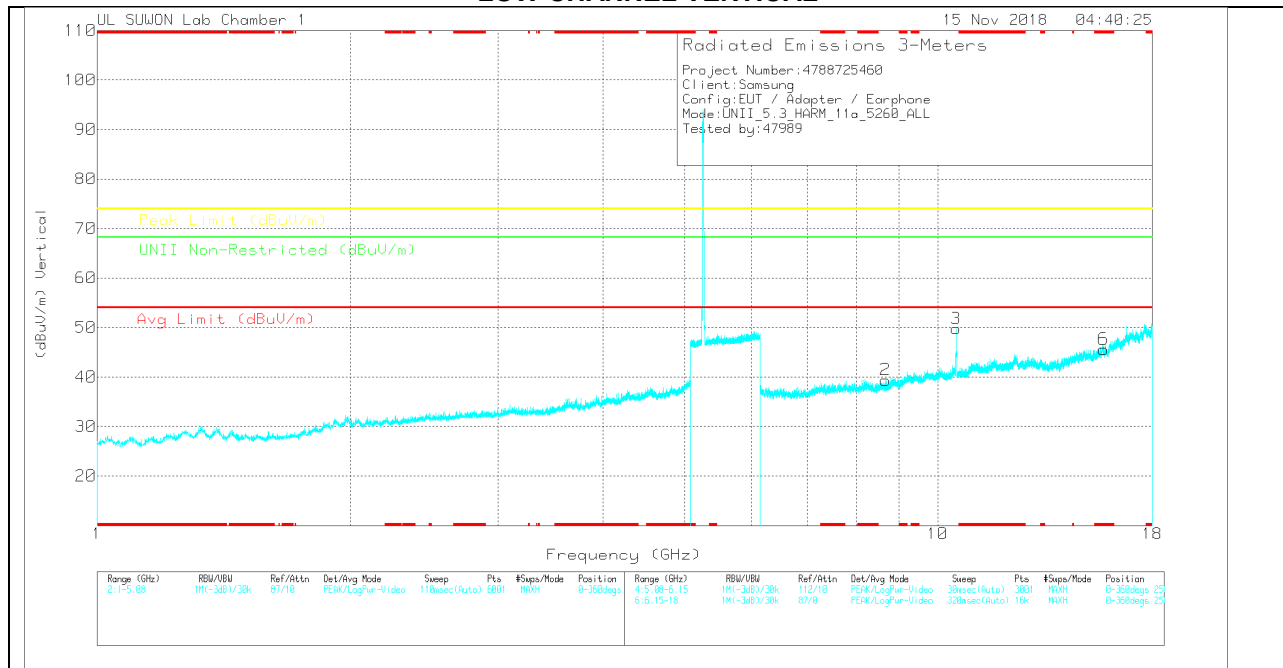
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.676	28.71	PK	36.4	-25.4	0	39.71	-	-	-	-	68.2	-28.49	0-360	150	H
4	10.519	36.9	PK	37.7	-22.6	0	52	-	-	-	-	68.2	-16.2	0-360	250	H
5	* 15.752	26.72	PK	40.4	-21	0	46.12	-	-	74	-27.88	-	-	0-360	150	H
2	8.666	28.4	PK	36.4	-25.4	0	39.4	-	-	-	-	68.2	-28.8	0-360	150	V
3	10.52	34.68	PK	37.7	-22.6	0	49.78	-	-	-	-	68.2	-18.42	0-360	250	V
6	* 15.749	26.13	PK	40.4	-20.9	0	45.63	-	-	74	-28.37	-	-	0-360	150	V

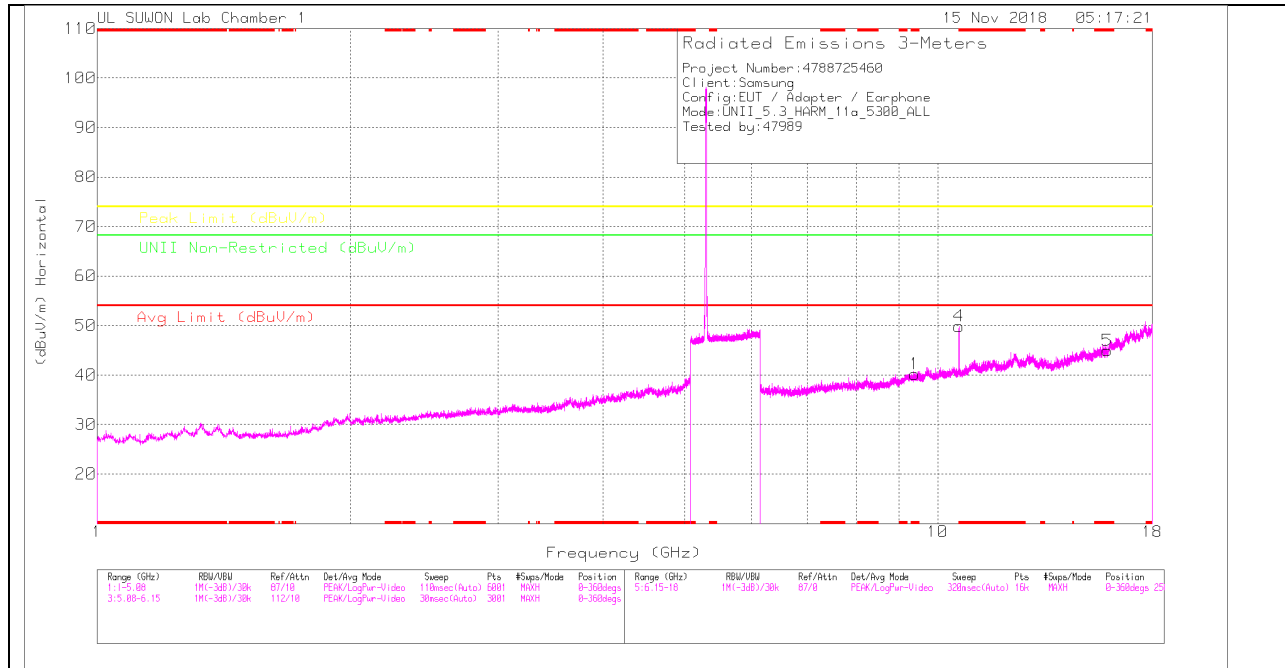
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

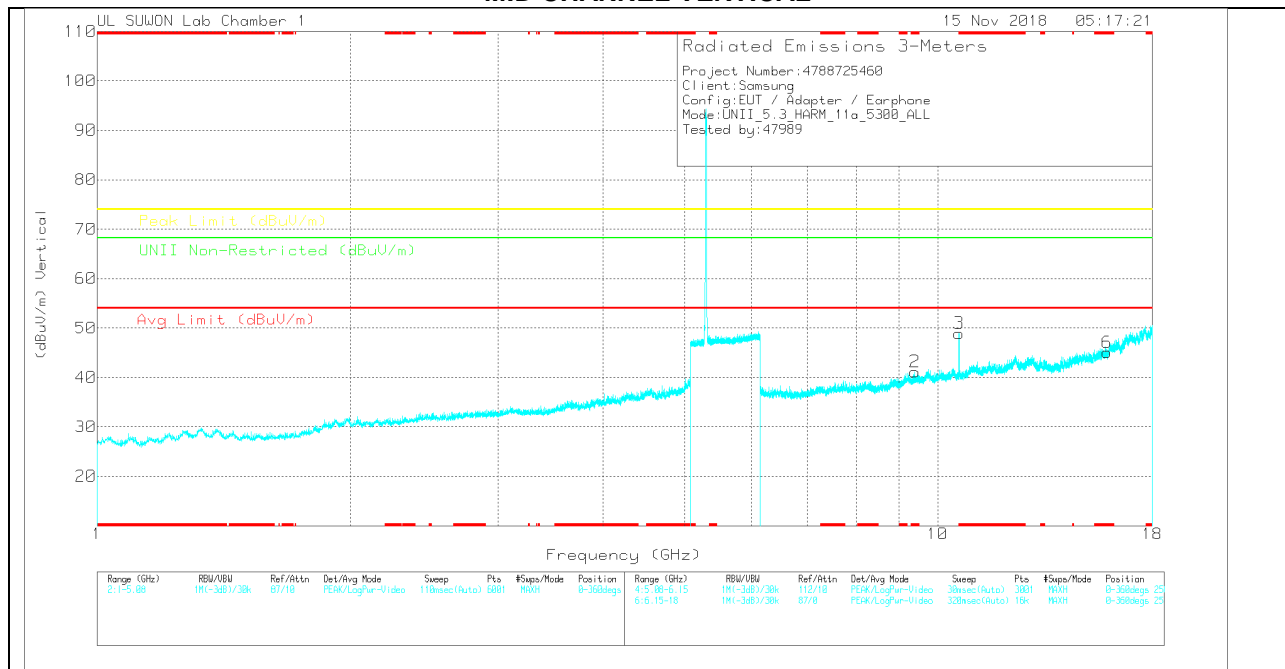
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.519	47.23	PK-U	37.7	-22.6	0	62.33	-	-	-	-	68.2	-5.87	215	100	H
10.519	46.05	PK-U	37.7	-22.6	0	61.15	-	-	-	-	68.2	-7.05	221	256	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	66Hz_HF[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	* 9.384	27.29	PK	36.8	-23.9	0	40.19	-	-	74	-33.81	-	-	0-360	150	H
4	* 10.601	34.35	PK	37.8	-22.3	0	49.85	-	-	74	-24.15	-	-	0-360	250	H
5	* 15.911	25.42	PK	40.6	-21.1	0	44.92	-	-	74	-29.08	-	-	0-360	250	H
2	* 9.396	28.15	PK	36.8	-23.8	0	41.15	-	-	74	-32.85	-	-	0-360	150	V
3	* 10.601	33.43	PK	37.8	-22.3	0	48.93	-	-	74	-25.07	-	-	0-360	251	V
6	* 15.898	25.68	PK	40.6	-21.2	0	45.08	-	-	74	-28.92	-	-	0-360	251	V

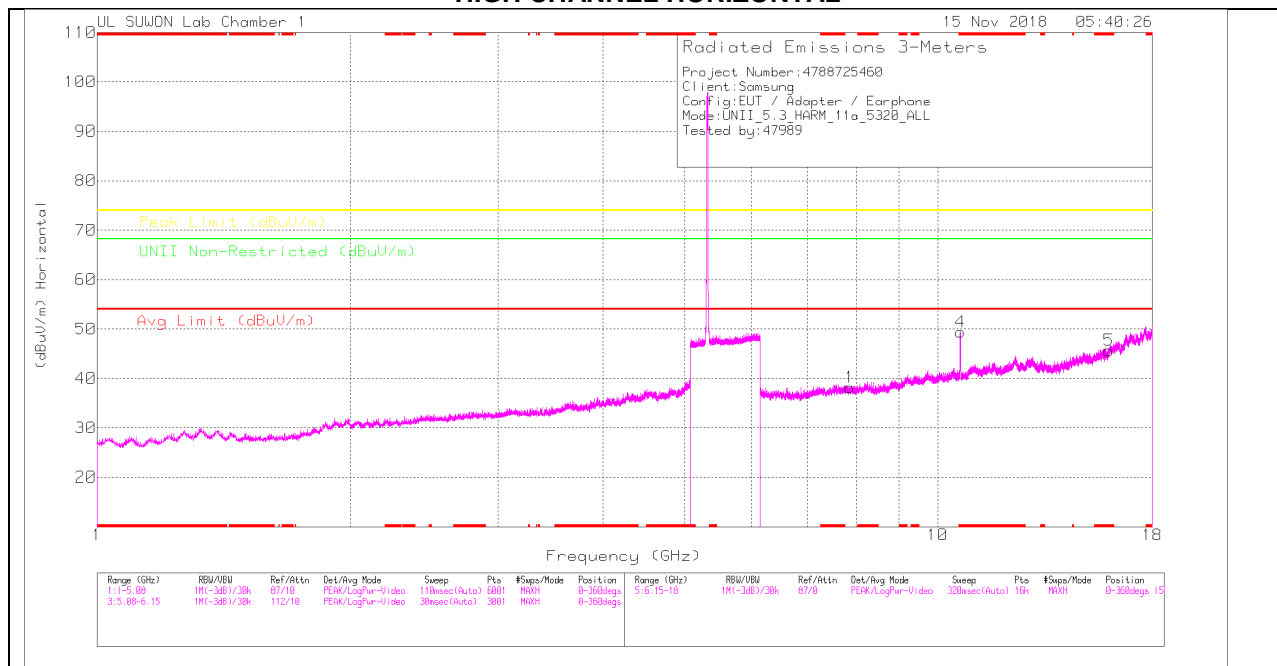
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

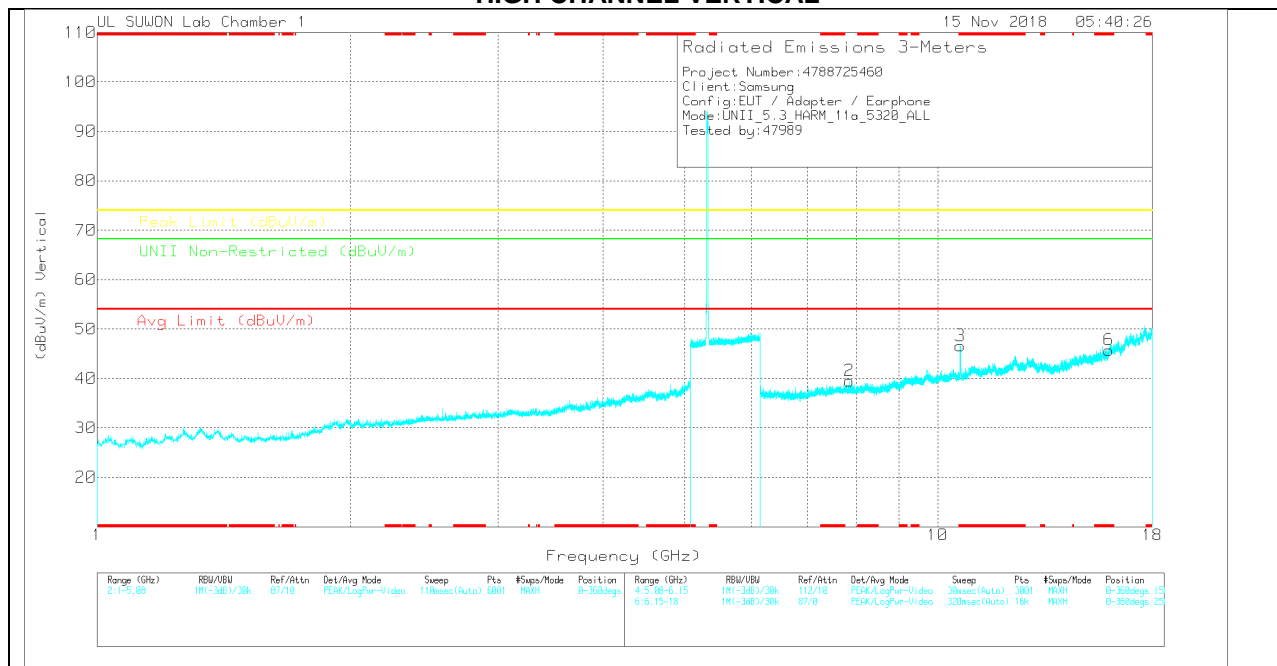
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.606	46.91	PK-U	37.8	-22.3	0	62.41	-	-	74	-11.59	-	-	218	224	H
* 10.6	34.82	ADR	37.8	-22.3	0	50.32	54	-3.68	-	-	-	-	218	224	H
* 10.604	43.06	PK-U	37.8	-22.3	0	58.56	-	-	74	-15.44	-	-	201	258	V
* 10.603	30.7	ADR	37.8	-22.3	0	46.2	54	-7.8	-	-	-	-	201	258	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

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)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.866	28.99	PK	35.9	-26.7	0	38.19	-	-	-	-	68.2	-30.01	0-360	150	H
4	* 10.64	33.66	PK	37.8	-22.1	0	49.36	-	-	74	-24.64	-	-	0-360	250	H
5	* 15.975	25.55	PK	40.7	-20.6	0	45.65	-	-	74	-28.35	-	-	0-360	250	H
2	7.85	30.34	PK	35.9	-26.7	0	39.54	-	-	-	-	68.2	-28.66	0-360	250	V
3	* 10.639	30.91	PK	37.8	-22.1	0	46.61	-	-	74	-27.39	-	-	0-360	250	V
6	* 15.98	25.57	PK	40.7	-20.5	0	45.77	-	-	74	-28.23	-	-	0-360	250	V

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

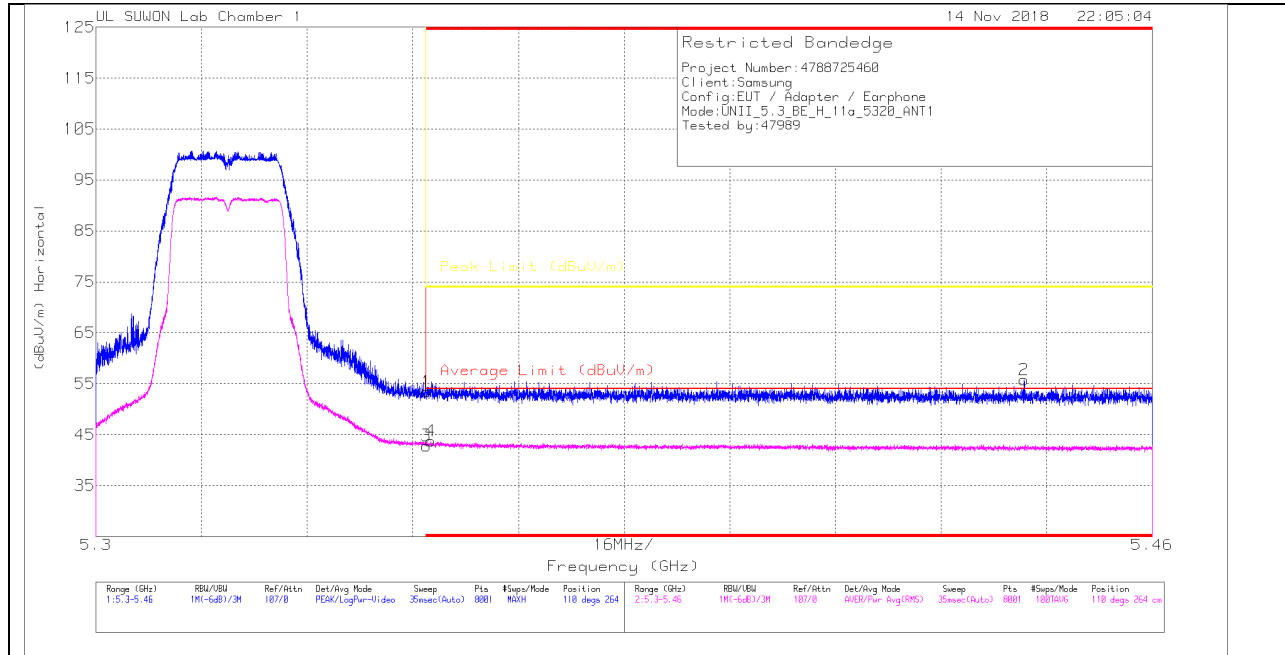
Radiated Emissions

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)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 10.639	47.56	PK-U	37.8	-22.1	0	63.26	-	-	74	-10.74	-	-	217	227	H
* 10.64	34.71	ADR	37.8	-22.1	0	50.41	54	-3.59	-	-	-	-	217	227	H
* 10.643	42.43	PK-U	37.8	-22.1	0	58.13	-	-	74	-15.87	-	-	193	179	V
* 10.642	30.17	ADR	37.8	-22.1	0	45.87	54	-8.13	-	-	-	-	193	179	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

11.2.2.TX ABOVE 1 GHz 802.11a 1Tx ANT1 IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

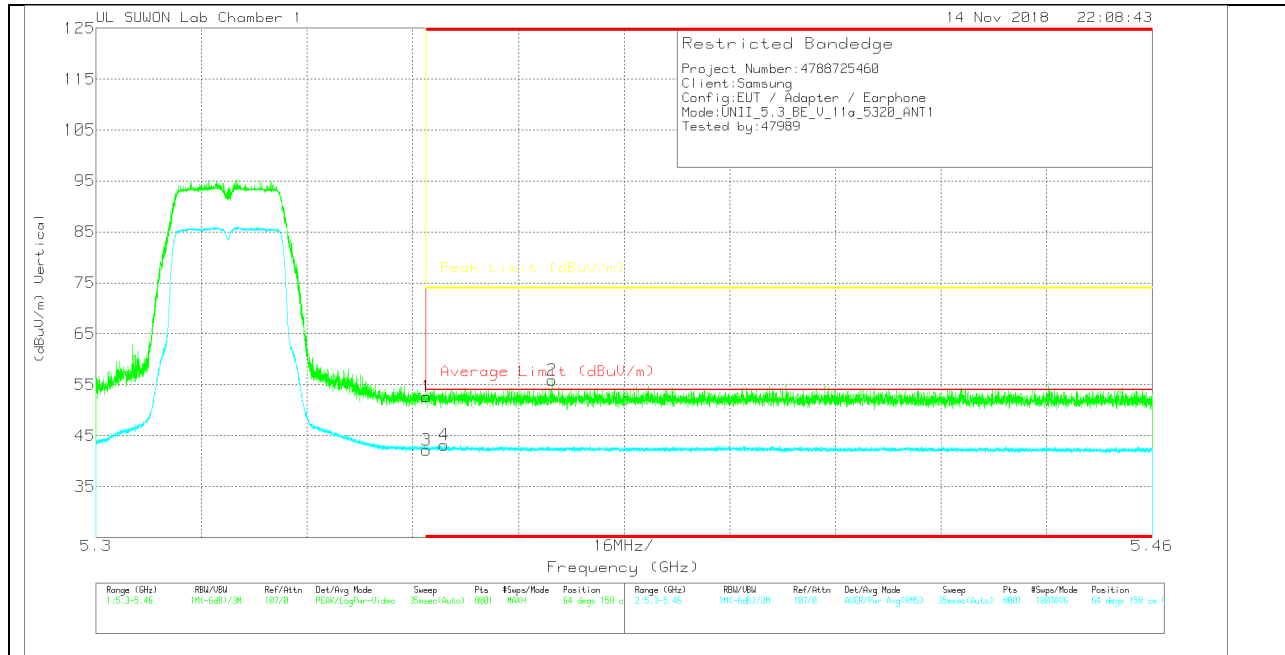
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.29	Pk	34.7	-21.6	0	53.39	-	-	74	-20.61	110	264	H
2	* 5.441	42.54	Pk	34.7	-21.5	0	55.74	-	-	74	-18.26	110	264	H
3	* 5.35	29.84	RMS	34.7	-21.7	0	42.84	54	-11.16	-	-	110	264	H
4	* 5.351	30.76	RMS	34.7	-21.7	0	43.76	54	-10.24	-	-	110	264	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	* 5.35	39.54	Pk	34.7	-21.6	0	52.64	-	-	74	-21.36	64	158	V
2	* 5.369	42.82	Pk	34.7	-21.6	0	55.92	-	-	74	-18.08	64	158	V
3	* 5.35	29.15	RMS	34.7	-21.7	0	42.15	54	-11.85	-	-	64	158	V
4	* 5.353	30.21	RMS	34.7	-21.7	0	43.21	54	-10.79	-	-	64	158	V

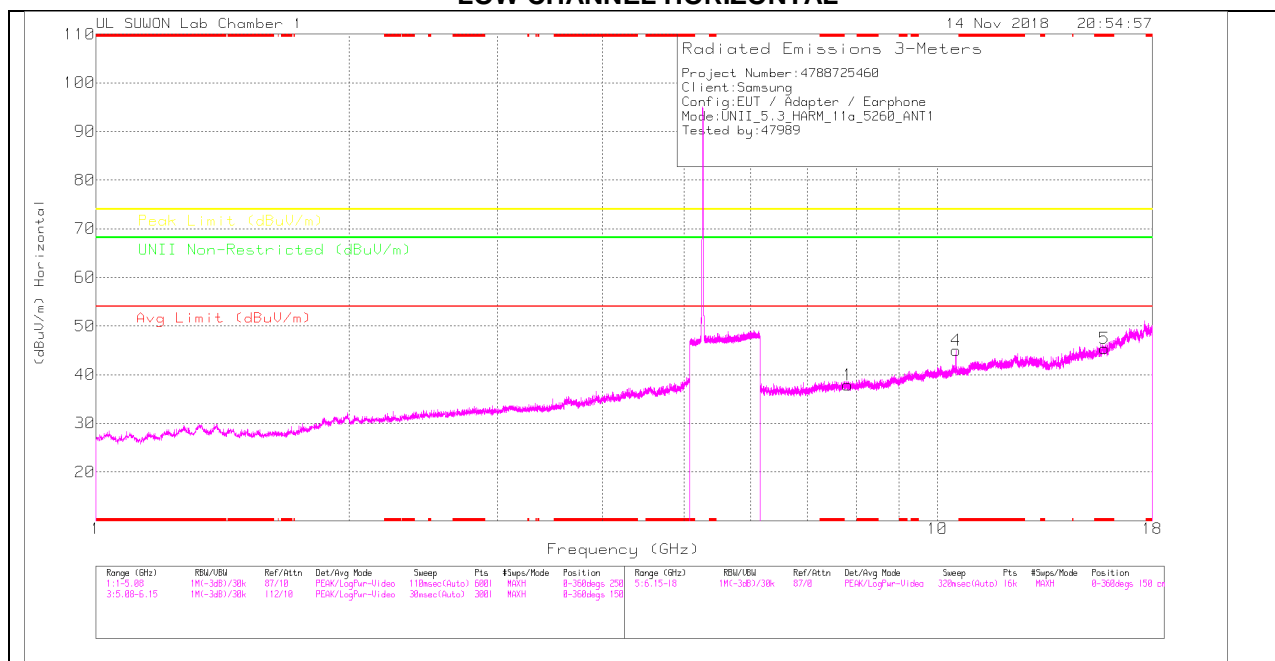
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

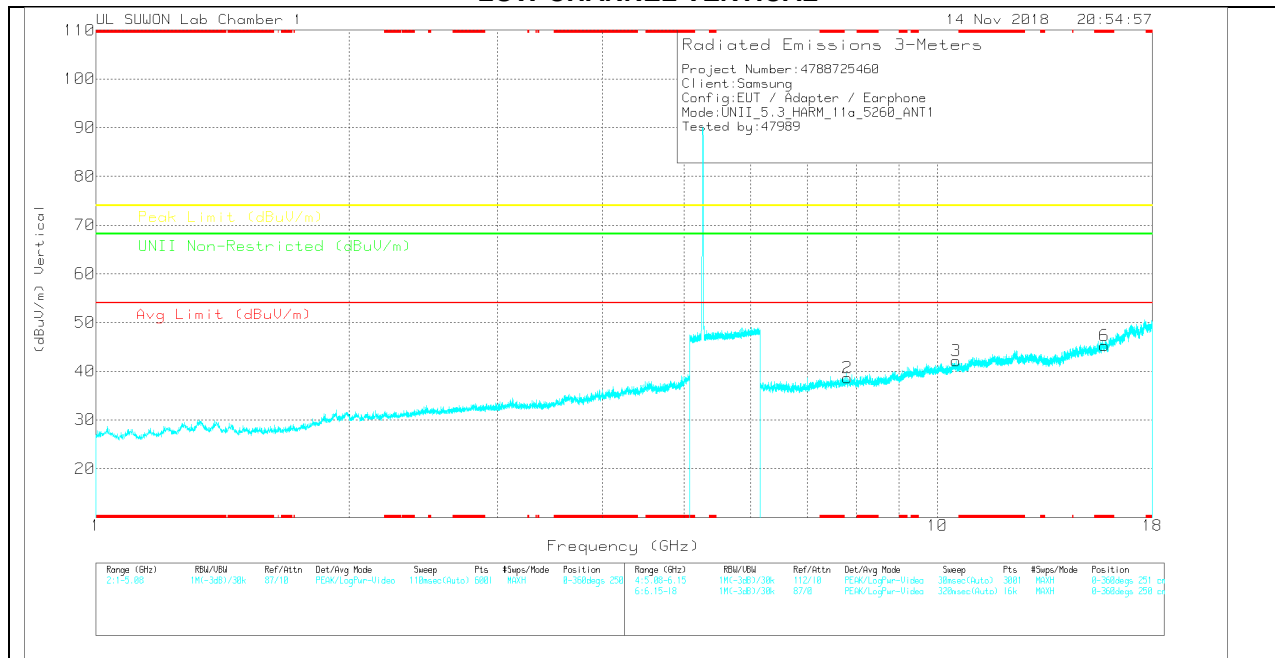
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.823	28.58	PK	35.9	-26.6	0	37.88	-	-	-	-	68.2	-30.32	0-360	150	H
4	10.521	29.87	PK	37.7	-22.6	0	44.97	-	-	-	-	68.2	-23.23	0-360	250	H
5	* 15.793	26.07	PK	40.5	-21.2	0	45.37	-	-	74	-28.63	-	-	0-360	250	H
2	7.816	29.37	PK	35.9	-26.6	0	38.67	-	-	-	-	68.2	-29.53	0-360	250	V
3	10.524	27.1	PK	37.7	-22.7	0	42.1	-	-	-	-	68.2	-26.1	0-360	250	V
6	* 15.786	25.93	PK	40.5	-21.2	0	45.23	-	-	74	-28.77	-	-	0-360	150	V

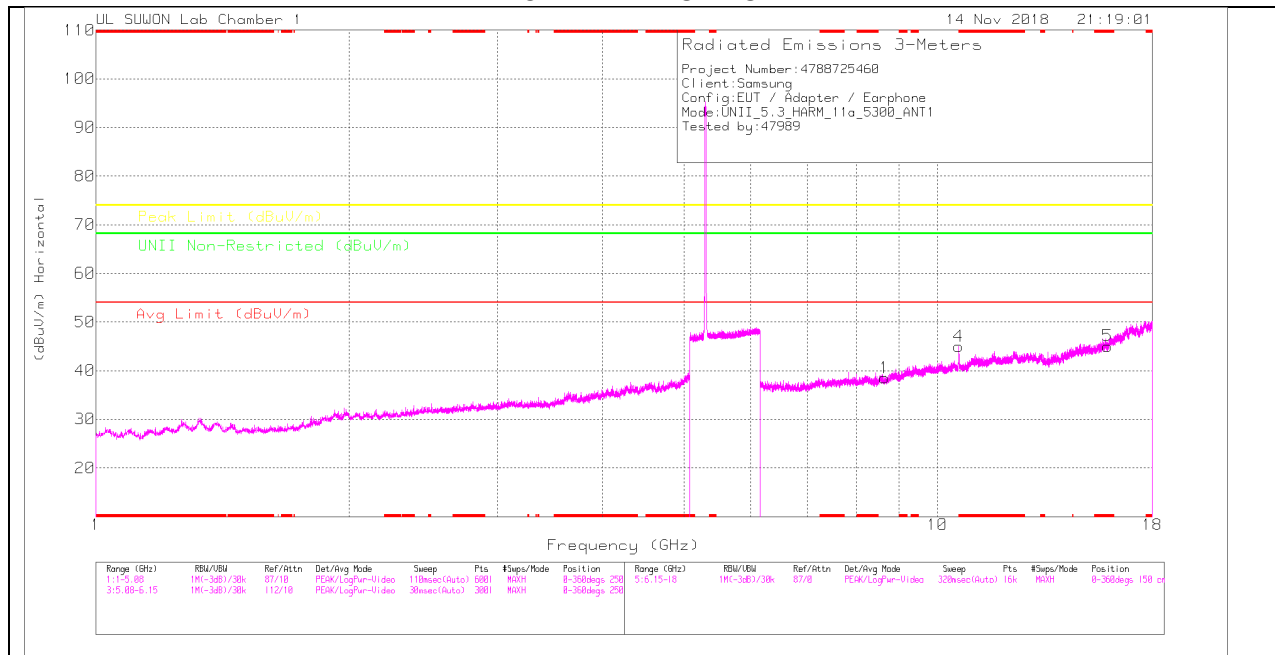
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

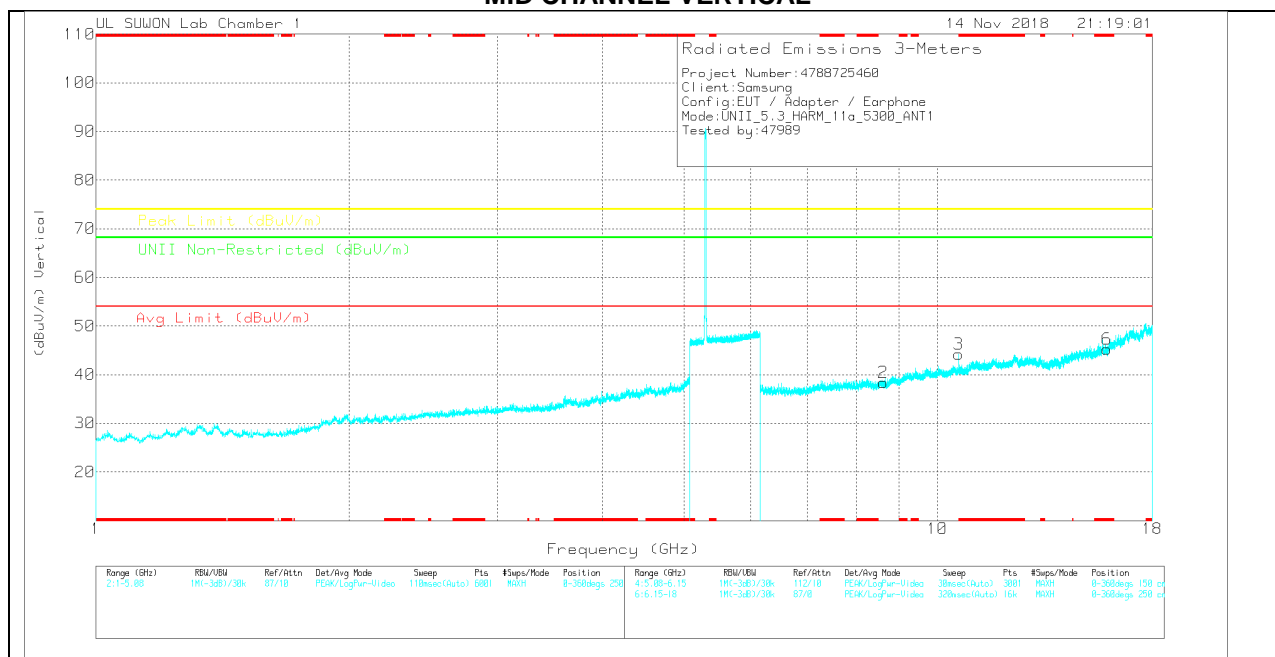
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.518	40.62	PK-U	37.7	-22.6	0	55.72	-	-	-	-	68.2	-12.48	111	222	H
10.519	38.38	PK-U	37.7	-22.6	0	53.48	-	-	-	-	68.2	-14.72	169	265	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	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Agc Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	8.646	27.31	PK	36.3	-25.1	0	38.51	-	-	-	-	68.2	-29.69	0-360	250	H
4	10.597	29.5	PK	37.8	-22.3	0	45	-	-	-	-	68.2	-23.2	0-360	250	H
5	* 15.917	25.55	PK	40.6	-21.1	0	45.05	-	-	74	-28.95	-	-	0-360	150	H
2	8.621	26.69	PK	36.3	-24.6	0	38.39	-	-	-	-	68.2	-29.81	0-360	150	V
3	10.599	28.67	PK	37.8	-22.3	0	44.17	-	-	-	-	68.2	-24.03	0-360	250	V
6	* 15.911	25.78	PK	40.6	-21.1	0	45.28	-	-	74	-28.72	-	-	0-360	150	V

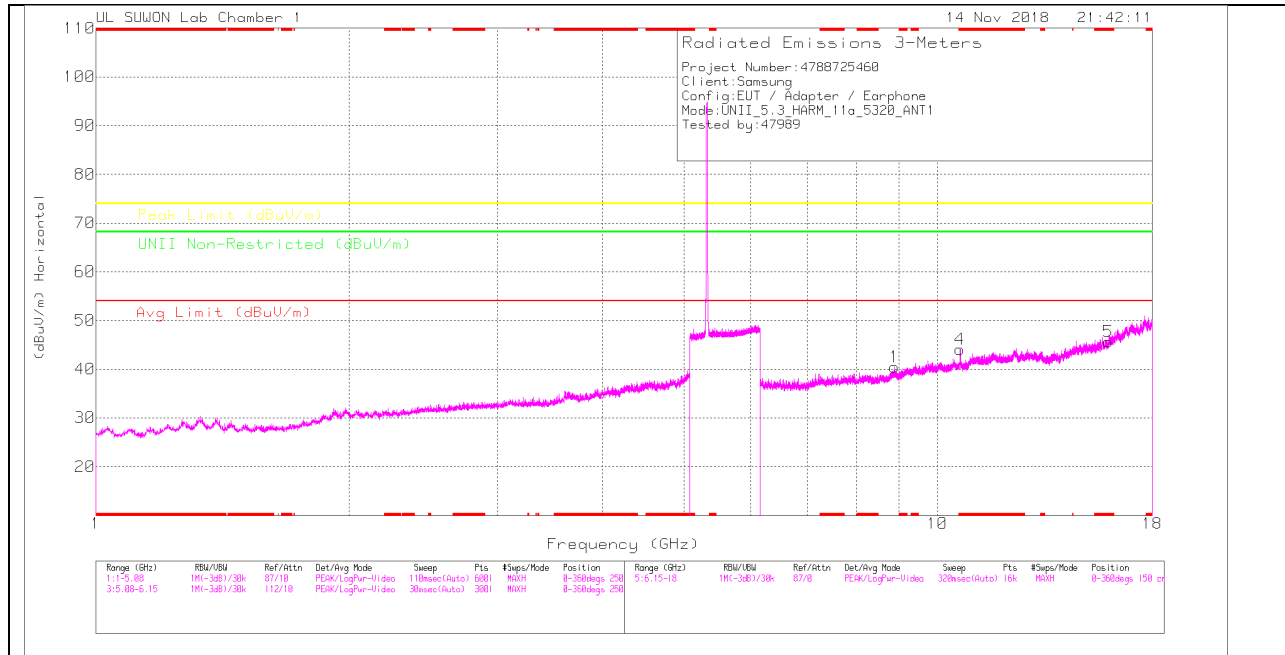
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

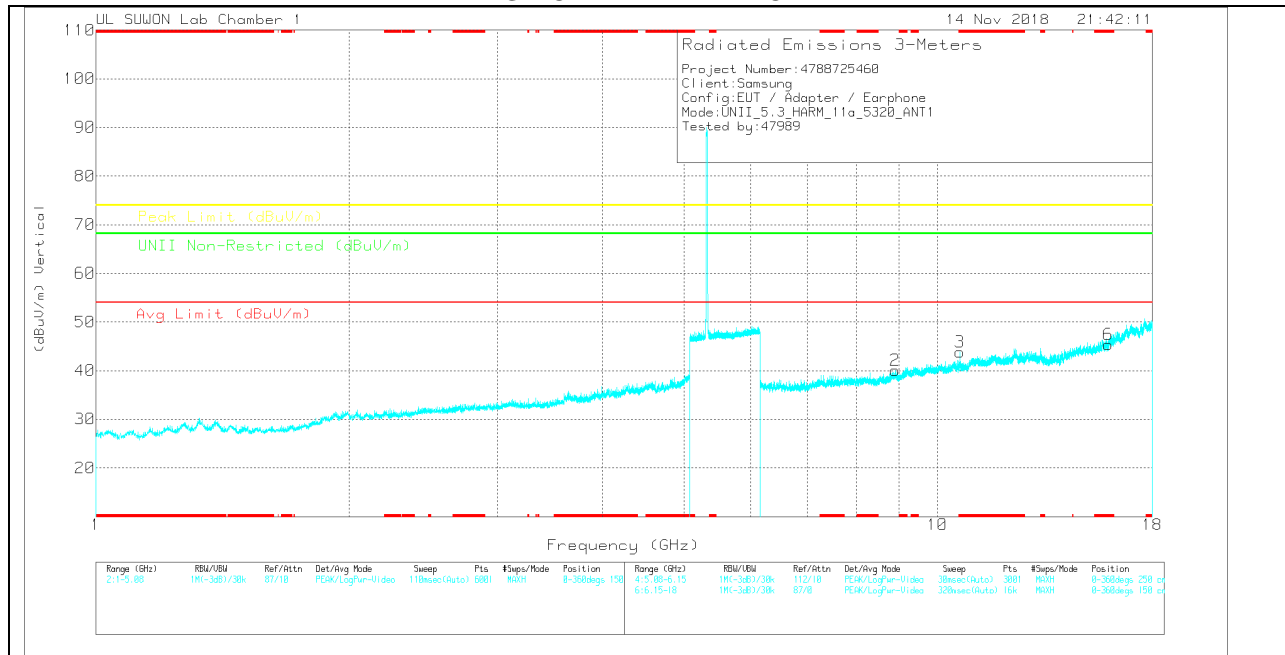
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Agc Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 10.602	40.78	PK-U	37.8	-22.3	0	56.28	-	-	74	-17.72	-	-	133	109	H
* 10.6	28.5	ADR	37.8	-22.3	0	44	54	-10	-	-	-	-	133	109	H
* 10.606	40.36	PK-U	37.8	-22.3	0	55.86	-	-	74	-18.14	-	-	174	237	V
* 10.601	26.62	ADR	37.8	-22.3	0	42.12	54	-11.88	-	-	-	-	174	237	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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.899	27.97	PK	36.5	-24	0	40.47	-	-	-	-	68.2	-27.73	0-360	150	H
4	* 10.639	28.38	PK	37.8	-22.1	0	44.08	-	-	74	-29.92	-	-	0-360	251	H
5	* 15.956	25.79	PK	40.7	-20.9	0	45.59	-	-	74	-28.41	-	-	0-360	251	H
2	8.904	27.41	PK	36.6	-23.9	0	40.11	-	-	-	-	68.2	-28.09	0-360	251	V
3	* 10.64	28.17	PK	37.8	-22.1	0	43.87	-	-	74	-30.13	-	-	0-360	251	V
6	* 15.954	25.56	PK	40.7	-20.9	0	45.36	-	-	74	-28.64	-	-	0-360	150	V

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

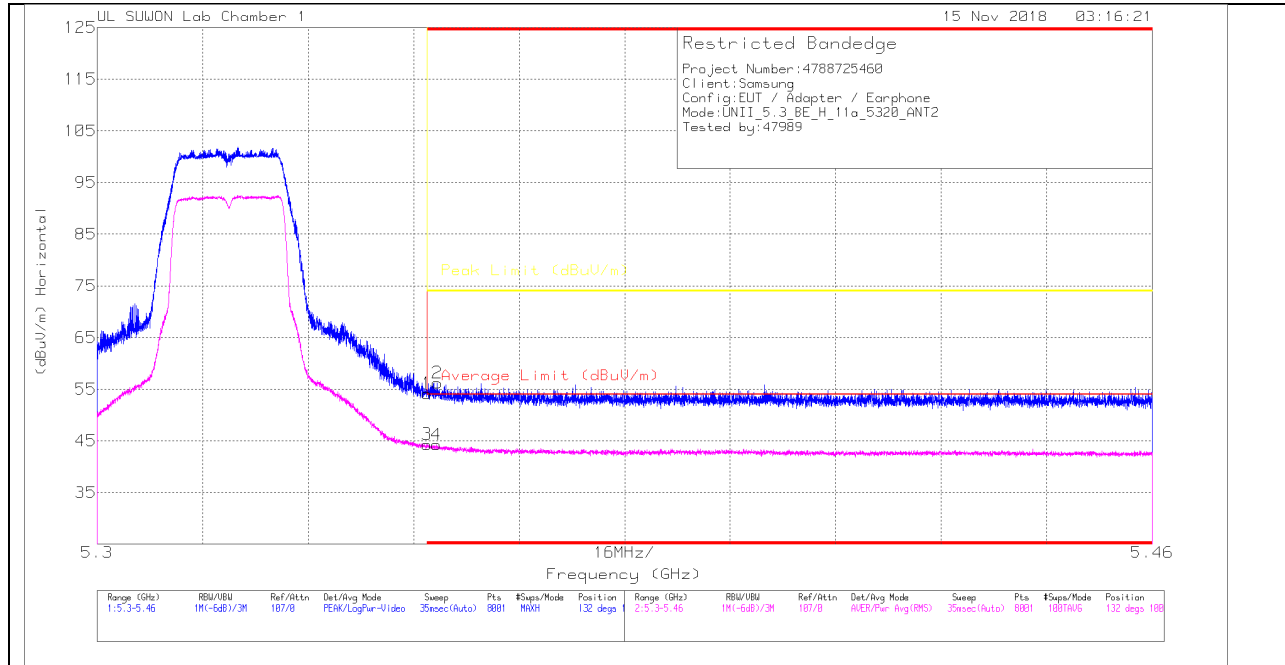
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.638	40.96	PK-U	37.8	-22.1	0	56.66	-	-	74	-17.34	-	-	113	240	H
* 10.64	27.77	ADR	37.8	-22.1	0	43.47	54	-10.53	-	-	-	-	113	240	H
* 10.64	37.9	PK-U	37.8	-22.1	0	53.6	-	-	74	-20.4	-	-	187	286	V
* 10.64	25.44	ADR	37.8	-22.1	0	41.14	54	-12.86	-	-	-	-	187	286	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

11.2.3.TX ABOVE 1 GHz 802.11a 1Tx ANT2 IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

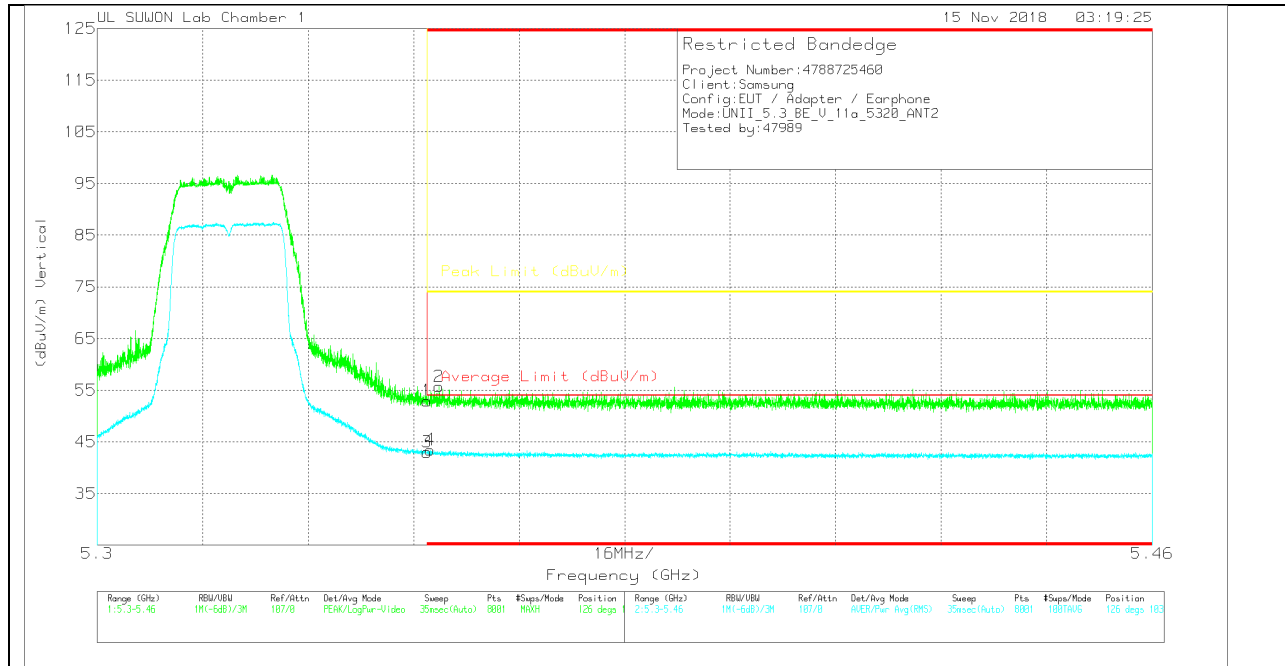
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.08	Pk	34.7	-21.6	0	54.18	-	-	74	-19.82	132	100	H
2	* 5.352	43.12	Pk	34.7	-21.6	0	56.22	-	-	74	-17.78	132	100	H
3	* 5.35	31.32	RMS	34.7	-21.7	0	44.32	54	-9.68	-	-	132	100	H
4	* 5.351	31.28	RMS	34.7	-21.7	0	44.28	54	-9.72	-	-	132	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

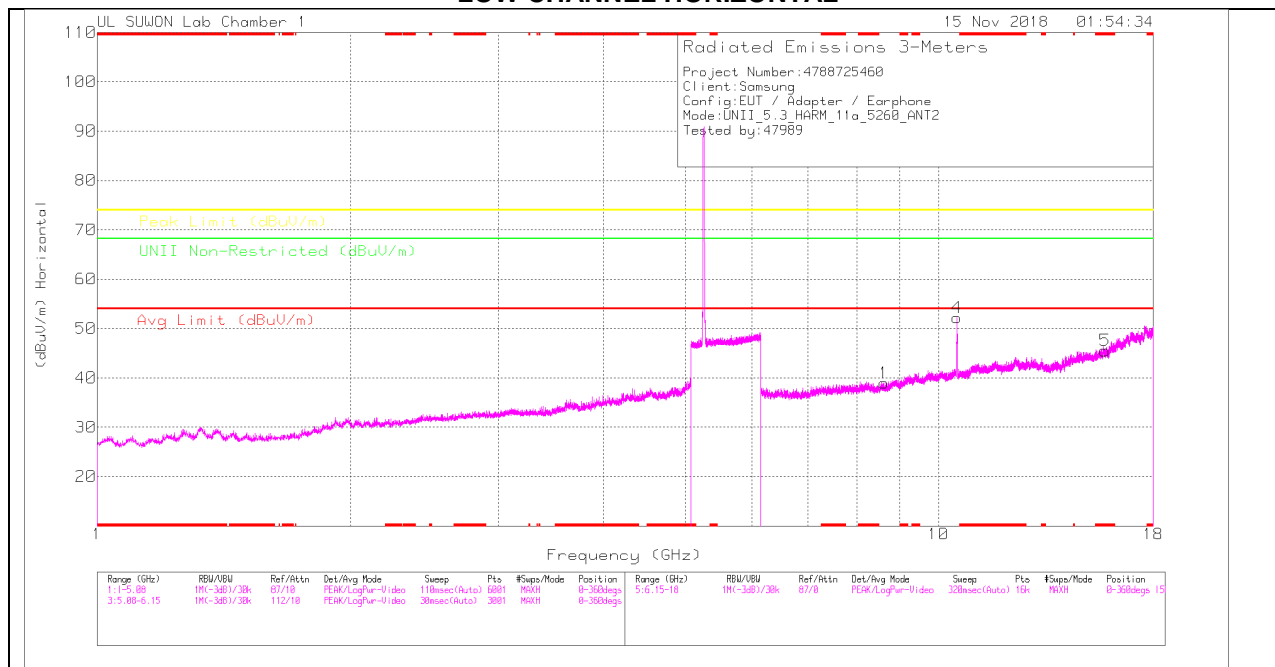
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	* 5.35	39.88	Pk	34.7	-21.6	0	52.98	-	-	74	-21.02	126	103	V
2	* 5.352	42.59	Pk	34.7	-21.6	0	55.69	-	-	74	-18.31	126	103	V
3	* 5.35	30.01	RMS	34.7	-21.7	0	43.01	54	-10.99	-	-	126	103	V
4	* 5.351	30.46	RMS	34.7	-21.7	0	43.46	54	-10.54	-	-	126	103	V

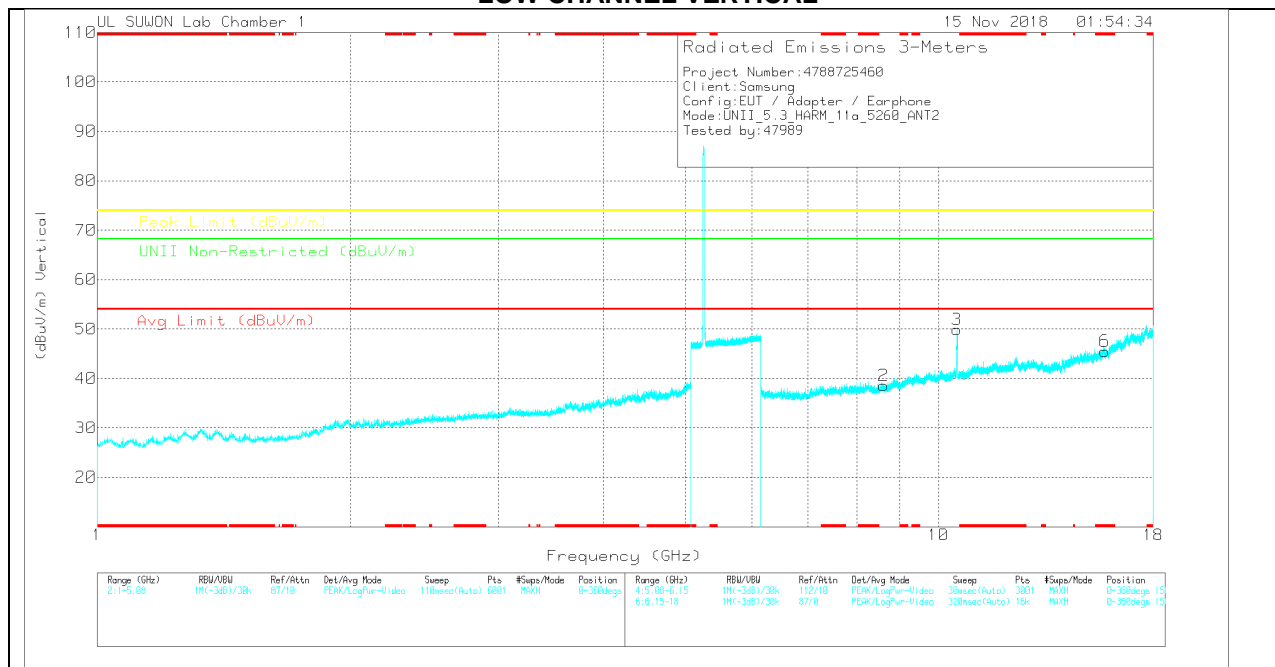
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.609	27.17	PK	36.3	-24.5	0	38.97	-	-	-	-	68.2	-29.23	0-360	150	H
4	10.519	37.1	PK	37.7	-22.6	0	52.2	-	-	-	-	68.2	-16	0-360	250	H
5	* 15.778	26.23	PK	40.5	-21.2	0	45.53	-	-	74	-28.47	-	-	0-360	250	H
2	8.607	26.77	PK	36.3	-24.5	0	38.57	-	-	-	-	68.2	-29.63	0-360	250	V
3	10.516	34.69	PK	37.7	-22.5	0	49.89	-	-	-	-	68.2	-18.31	0-360	250	V
6	* 15.765	26.1	PK	40.5	-21.1	0	45.5	-	-	74	-28.5	-	-	0-360	150	V

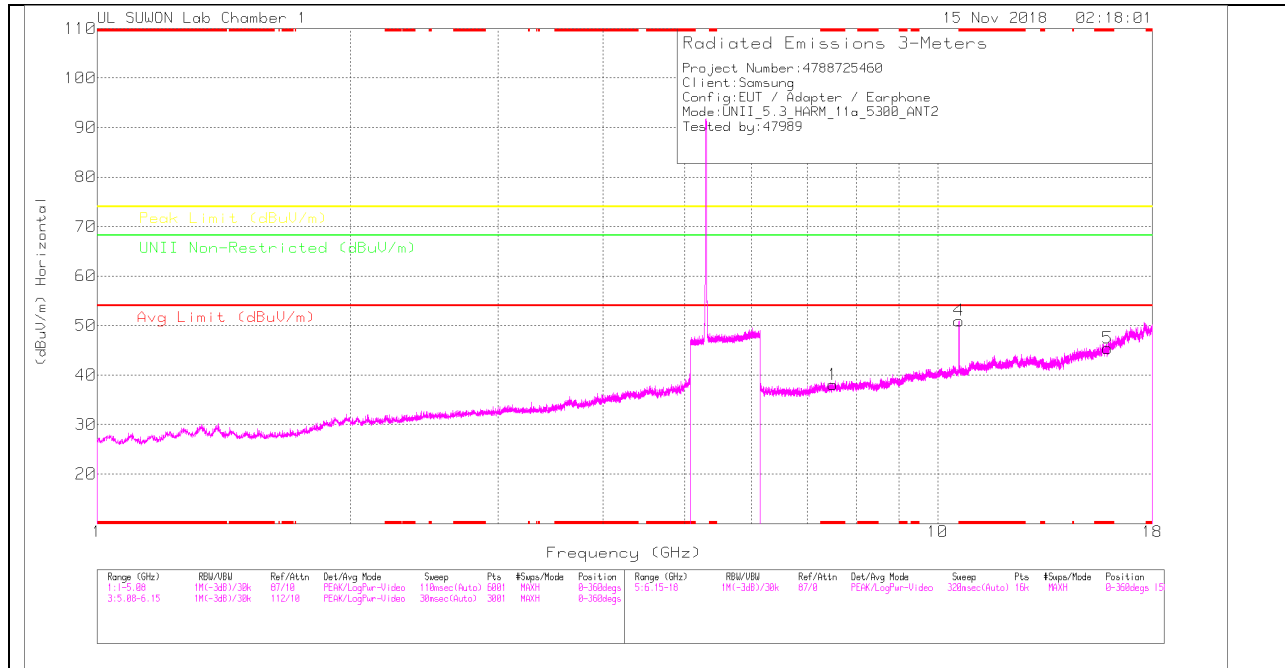
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

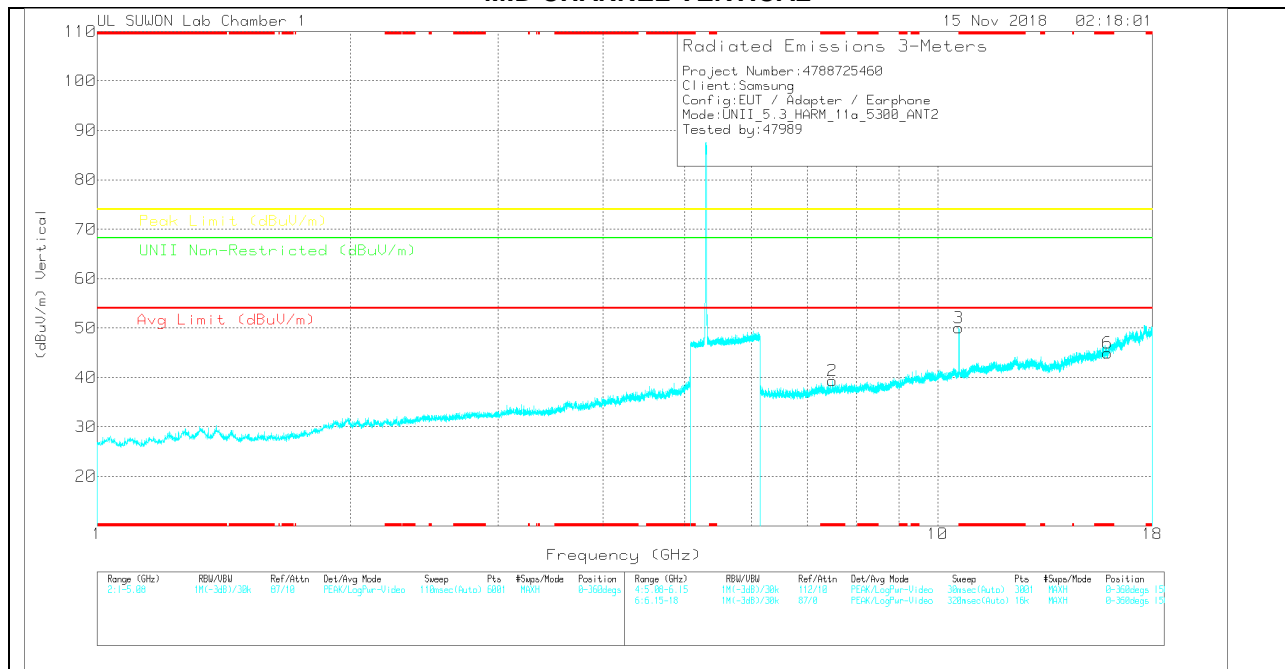
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.519	48.03	PK-U	37.7	-22.6	0	63.13	-	-	-	-	68.2	-5.07	227	241	H
10.519	44.73	PK-U	37.7	-22.6	0	59.83	-	-	-	-	68.2	-8.37	199	248	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	66Hz_HF[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	* 7.506	29.25	PK	35.8	-27	0	38.05	-	-	74	-35.95	-	-	0-360	150	H
4	* 10.602	35.49	PK	37.8	-22.3	0	50.99	-	-	74	-23.01	-	-	0-360	250	H
5	* 15.931	25.8	PK	40.7	-21.1	0	45.4	-	-	74	-28.6	-	-	0-360	150	H
2	* 7.495	30.54	PK	35.8	-27	0	39.34	-	-	74	-34.66	-	-	0-360	150	V
3	10.596	34.53	PK	37.8	-22.3	0	50.03	-	-	-	-	68.2	-18.17	0-360	250	V
6	* 15.926	25.42	PK	40.6	-21.1	0	44.92	-	-	74	-29.08	-	-	0-360	250	V

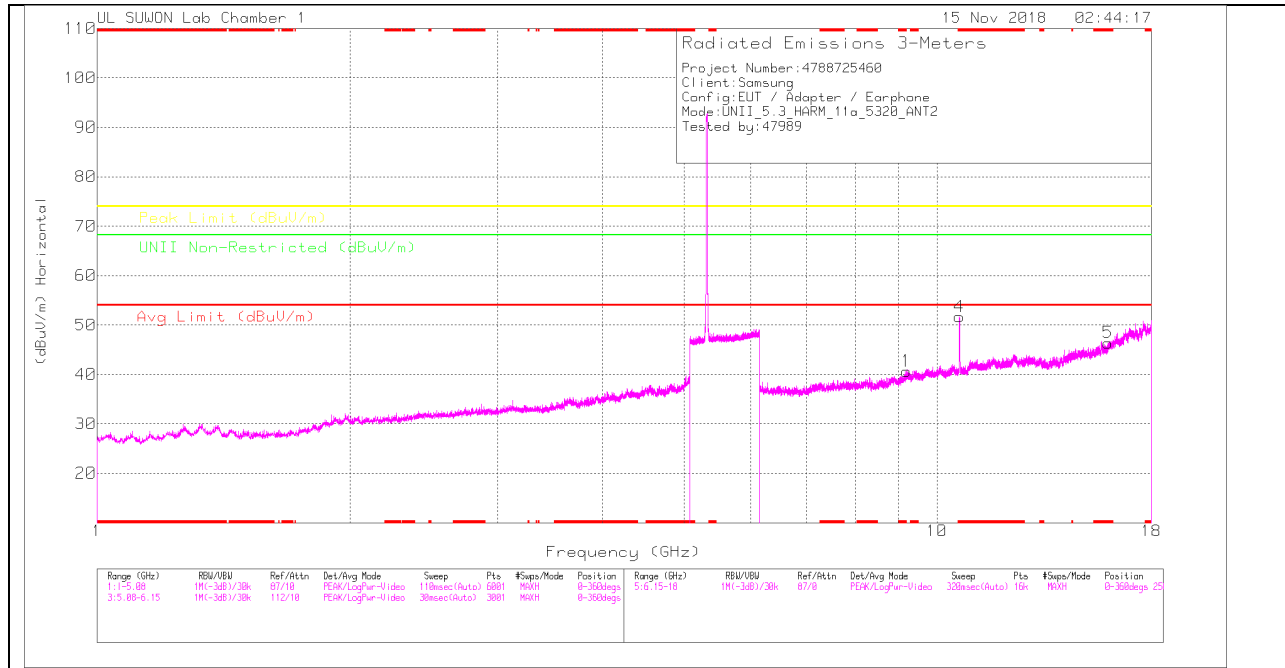
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

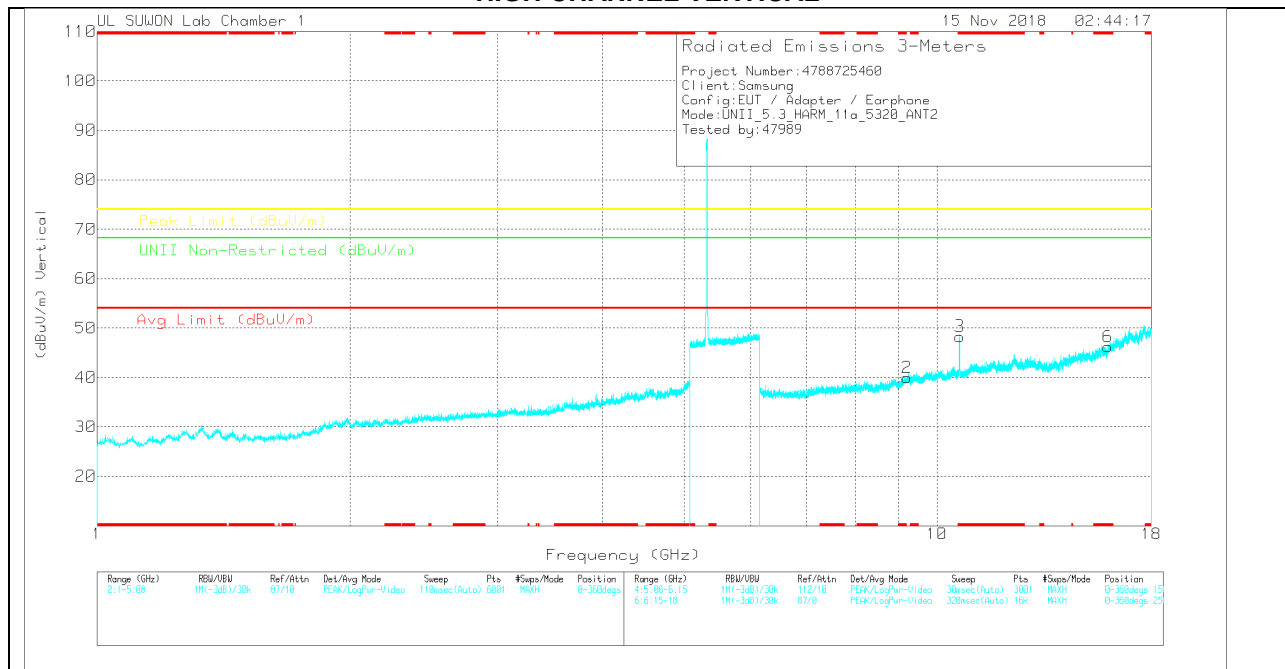
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.6	48.61	PK-U	37.8	-22.3	0	64.11	-	-	74	-9.89	-	-	218	226	H
* 10.603	35.35	ADR	37.8	-22.3	0	50.85	54	-3.15	-	-	-	-	218	226	H
* 10.606	44.05	PK-U	37.8	-22.3	0	59.55	-	-	74	-14.45	-	-	193	239	V
* 10.601	31.65	ADR	37.8	-22.3	0	47.15	54	-6.85	-	-	-	-	193	239	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

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	* 9.2	27.45	PK	36.7	-23.5	0	40.65	-	-	74	-33.35	-	-	0-360	250	H
4	* 10.636	35.99	PK	37.8	-22.1	0	51.69	-	-	74	-22.31	-	-	0-360	250	H
5	* 15.98	26.2	PK	40.7	-20.5	0	46.4	-	-	74	-27.6	-	-	0-360	149	H
2	9.213	26.68	PK	36.7	-23.4	0	39.98	-	-	-	-	68.2	-28.22	0-360	150	V
3	* 10.641	32.58	PK	37.8	-22.1	0	48.28	-	-	74	-25.72	-	-	0-360	250	V
6	* 15.977	26.09	PK	40.7	-20.6	0	46.19	-	-	74	-27.81	-	-	0-360	150	V

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

Radiated Emissions

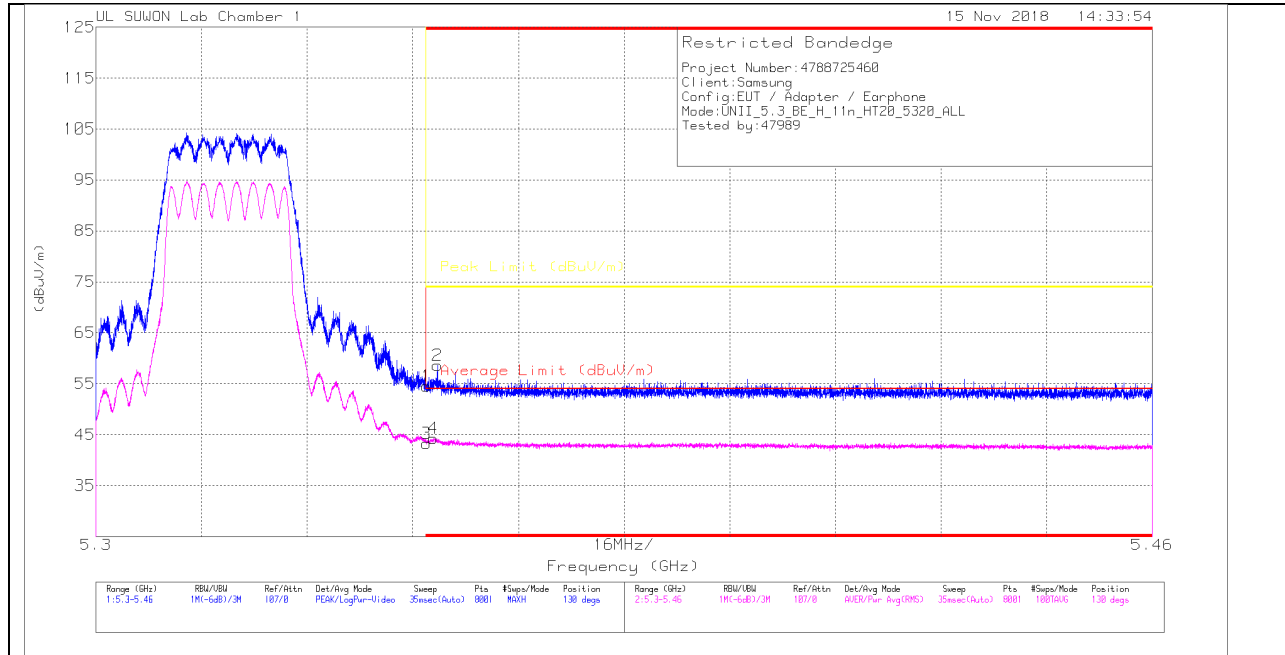
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.638	46.23	PK-U	37.8	-22.1	0	61.93	-	-	74	-12.07	-	-	211	103	H
* 10.64	33.52	ADR	37.8	-22.1	0	49.22	54	-4.78	-	-	-	-	211	103	H
* 10.638	45.84	PK-U	37.8	-22.1	0	61.54	-	-	74	-12.46	-	-	213	292	V
* 10.64	33.1	ADR	37.8	-22.1	0	48.8	54	-5.2	-	-	-	-	213	292	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

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

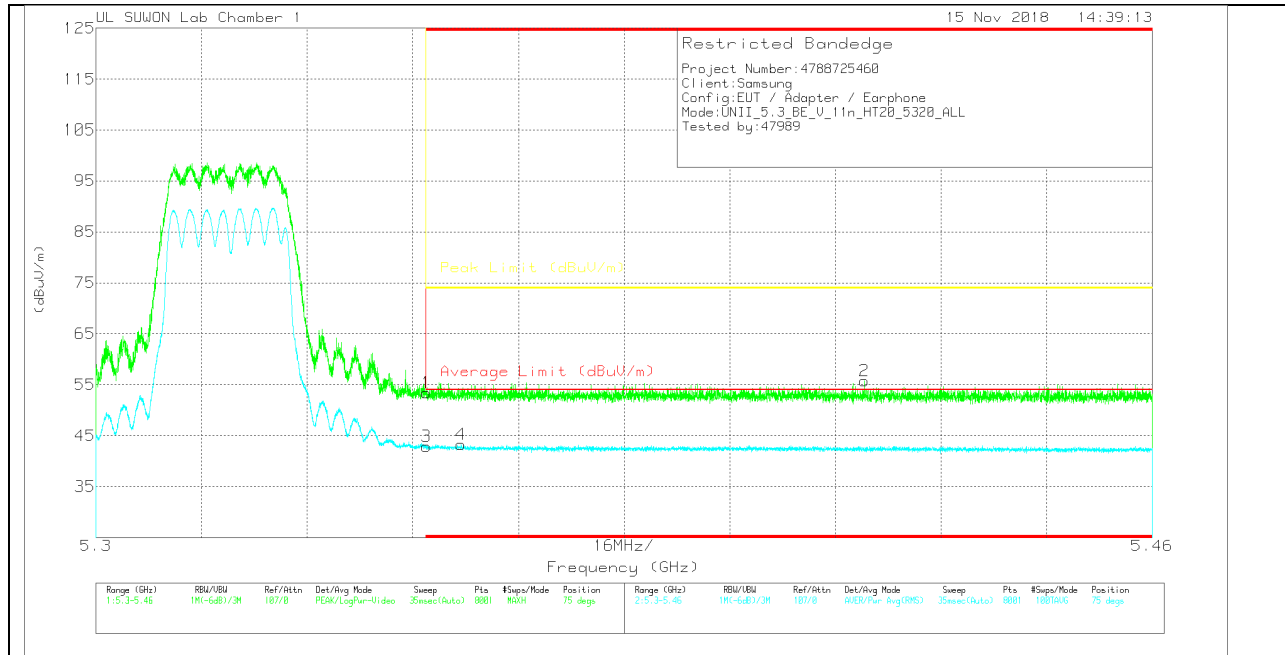
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)
1	* 5.35	41.48	Pk	34.7	-21.6	0	54.58	-	-	74	-19.42	130
2	* 5.352	45.47	Pk	34.7	-21.6	0	58.57	-	-	74	-15.43	130
3	* 5.35	30.28	RMS	34.7	-21.7	0	43.28	54	-10.72	-	-	130
4	* 5.351	31.31	RMS	34.7	-21.7	0	44.31	54	-9.69	-	-	130

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

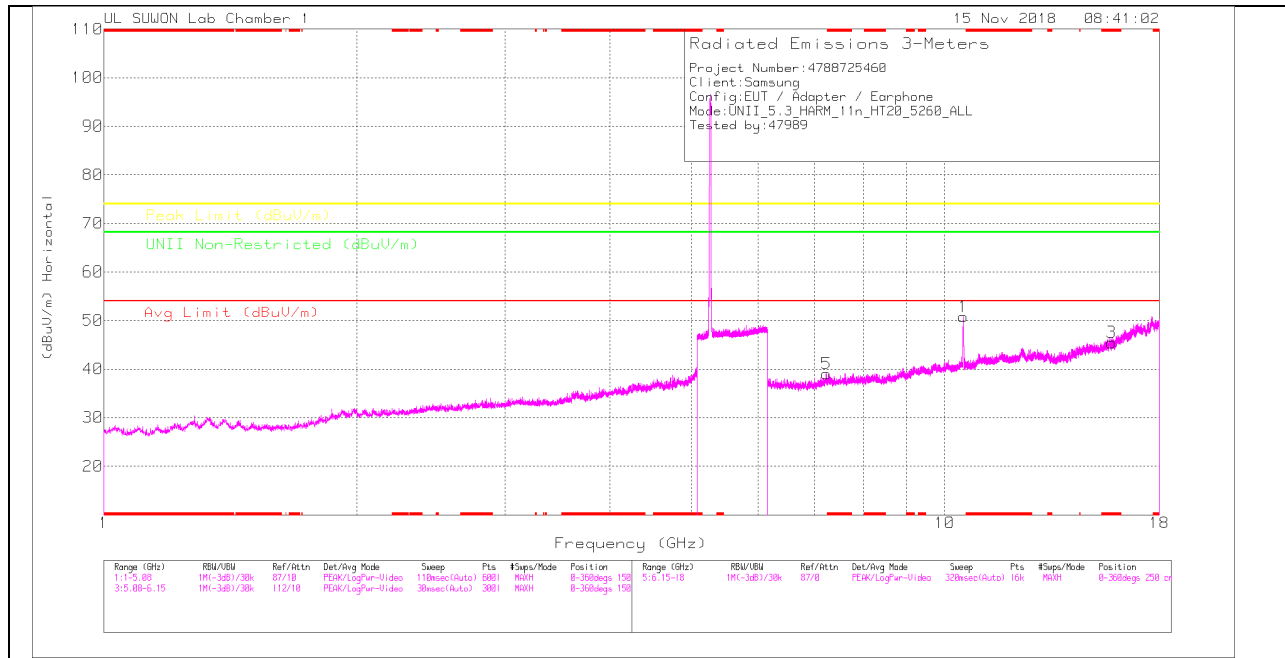
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)
1	* 5.35	40.34	Pk	34.7	-21.6	0	53.44	-	-	74	-20.56	75
2	* 5.416	42.53	Pk	34.7	-21.5	0	55.73	-	-	74	-18.27	75
3	* 5.35	29.87	RMS	34.7	-21.7	0	42.87	54	-11.13	-	-	75
4	* 5.355	30.26	RMS	34.7	-21.7	0	43.26	54	-10.74	-	-	75

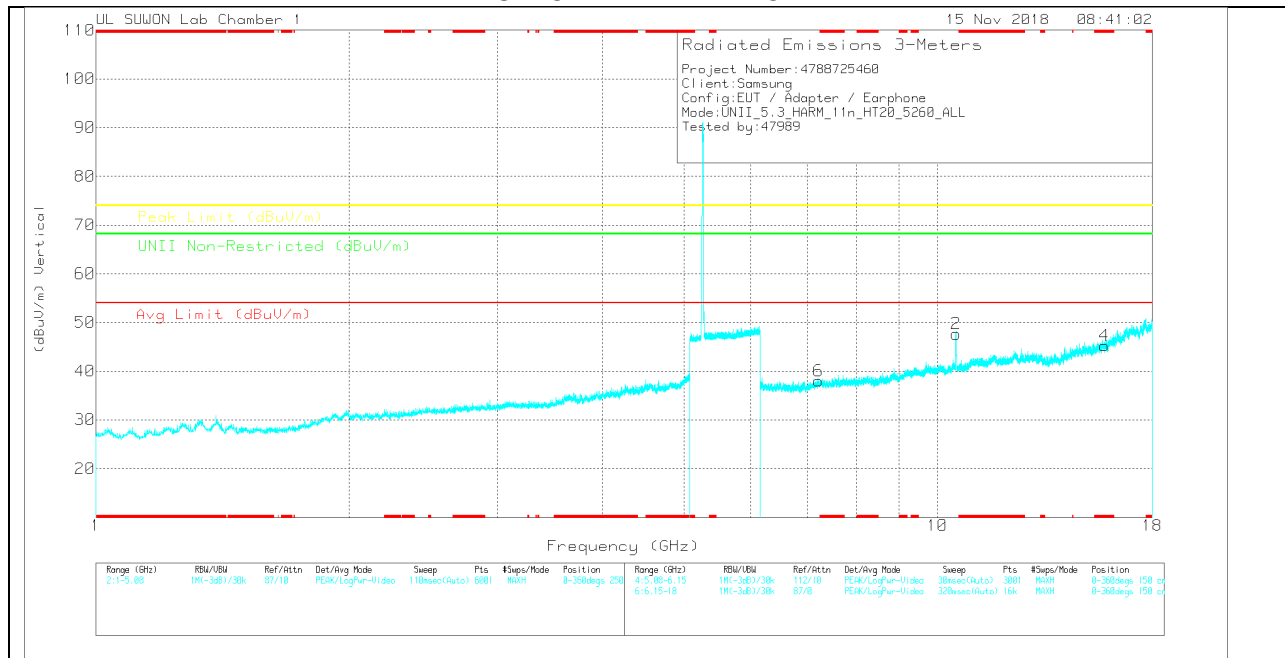
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	10.52	35.71	PK	37.7	-22.6	0	50.81	-	-	-	-	68.2	-17.39	0-360	250	H
3	* 15.78	26.14	PK	40.5	-21.2	0	45.44	-	-	74	-28.56	-	-	0-360	250	H
5	7.233	30.35	PK	35.8	-27.1	0	39.05	-	-	-	-	68.2	-29.15	0-360	250	H
2	10.522	32.64	PK	37.7	-22.7	0	47.64	-	-	-	-	68.2	-20.56	0-360	250	V
4	* 15.781	25.94	PK	40.5	-21.2	0	45.24	-	-	74	-28.76	-	-	0-360	250	V
6	7.225	29.51	PK	35.8	-27.3	0	38.01	-	-	-	-	68.2	-30.19	0-360	150	V

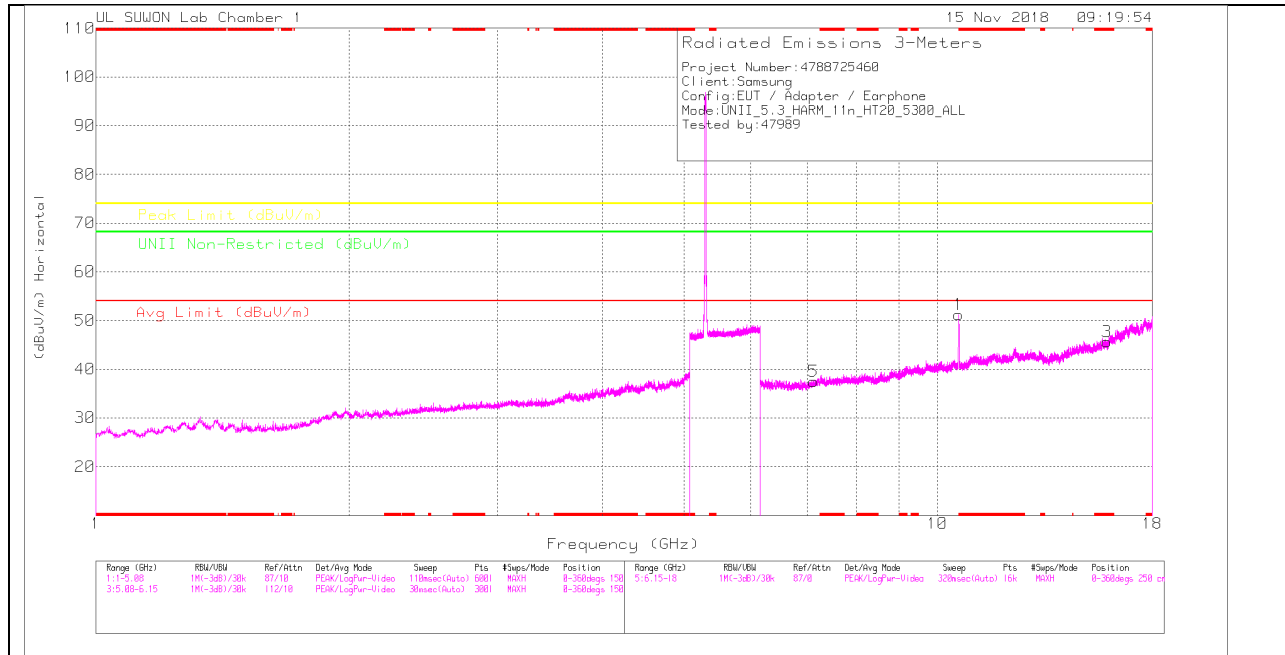
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

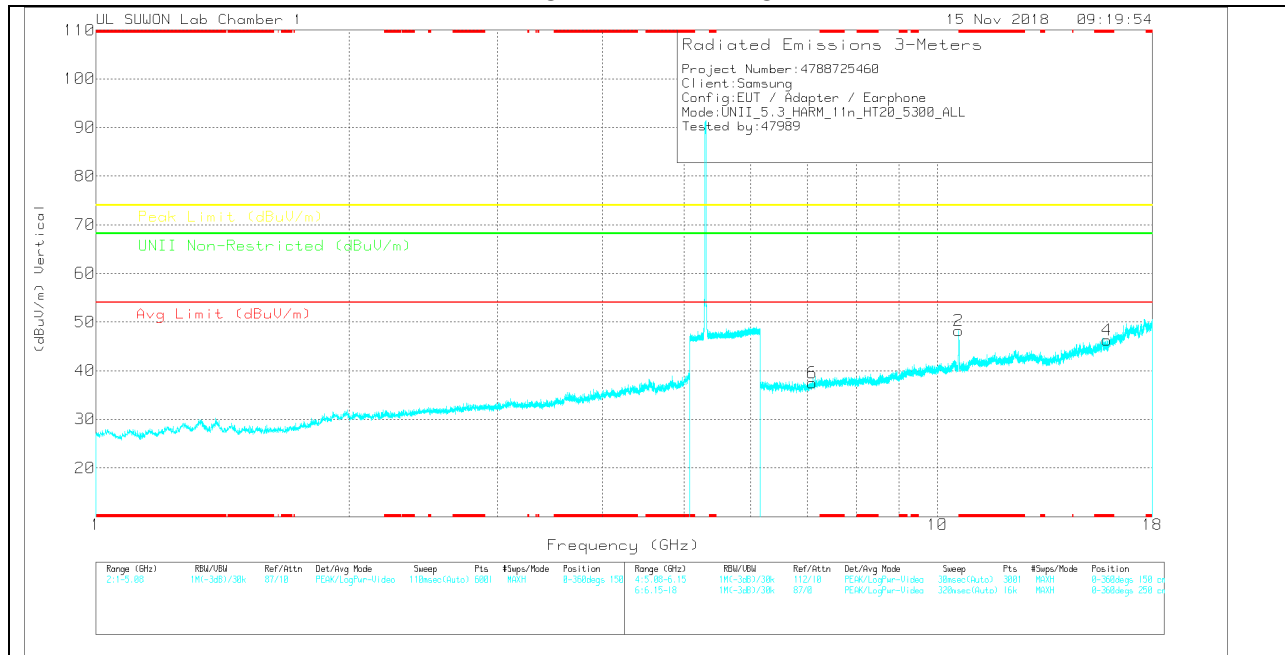
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.522	49.1	PK-U	37.7	-22.7	0	64.1	-	-	-	-	68.2	-4.1	220	240	H
10.522	46.02	PK-U	37.7	-22.7	0	61.02	-	-	-	-	68.2	-7.18	224	249	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_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 10.6	35.73	PK	37.8	-22.3	0	51.23	-	-	74	-22.77	-	-	0-360	250	H
3	* 15.893	26.16	PK	40.6	-21.1	0	45.66	-	-	74	-28.34	-	-	0-360	250	H
5	7.125	29.44	PK	35.8	-27.8	0	37.44	-	-	-	-	68.2	-30.76	0-360	150	H
2	* 10.602	32.69	PK	37.8	-22.3	0	48.19	-	-	74	-25.81	-	-	0-360	250	V
4	* 15.901	26.8	PK	40.6	-21.1	0	46.3	-	-	74	-27.7	-	-	0-360	250	V
6	7.096	29.41	PK	35.8	-27.7	0	37.51	-	-	-	-	68.2	-30.69	0-360	250	V

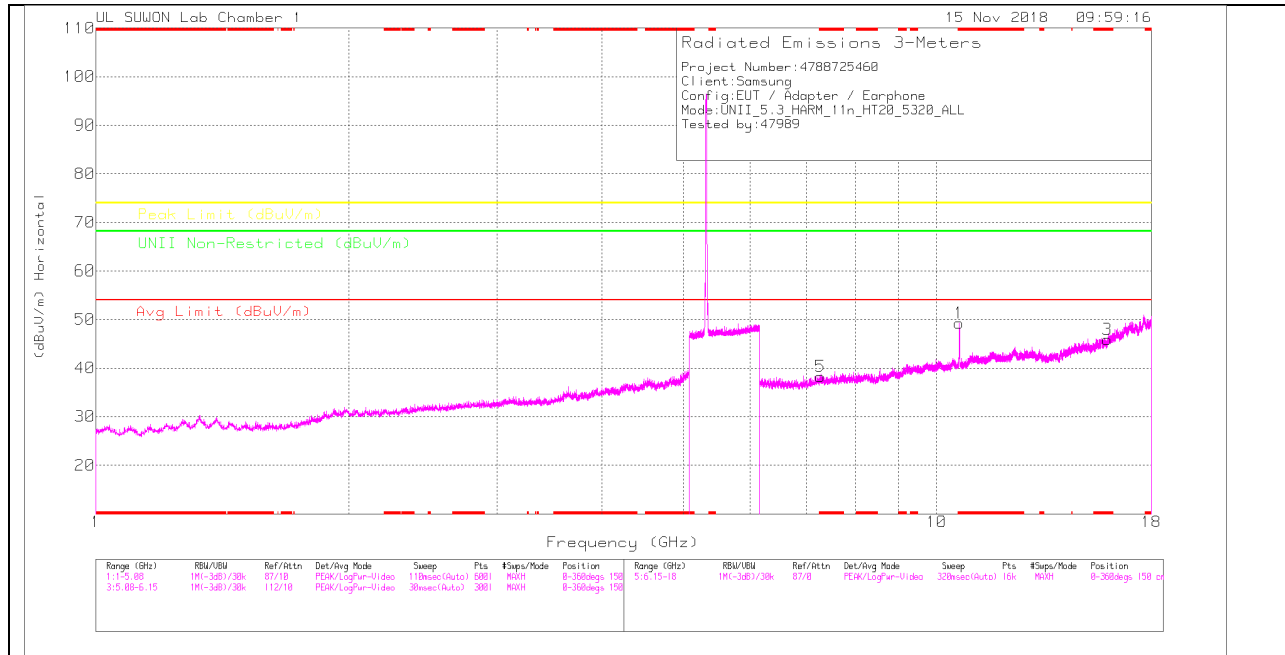
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

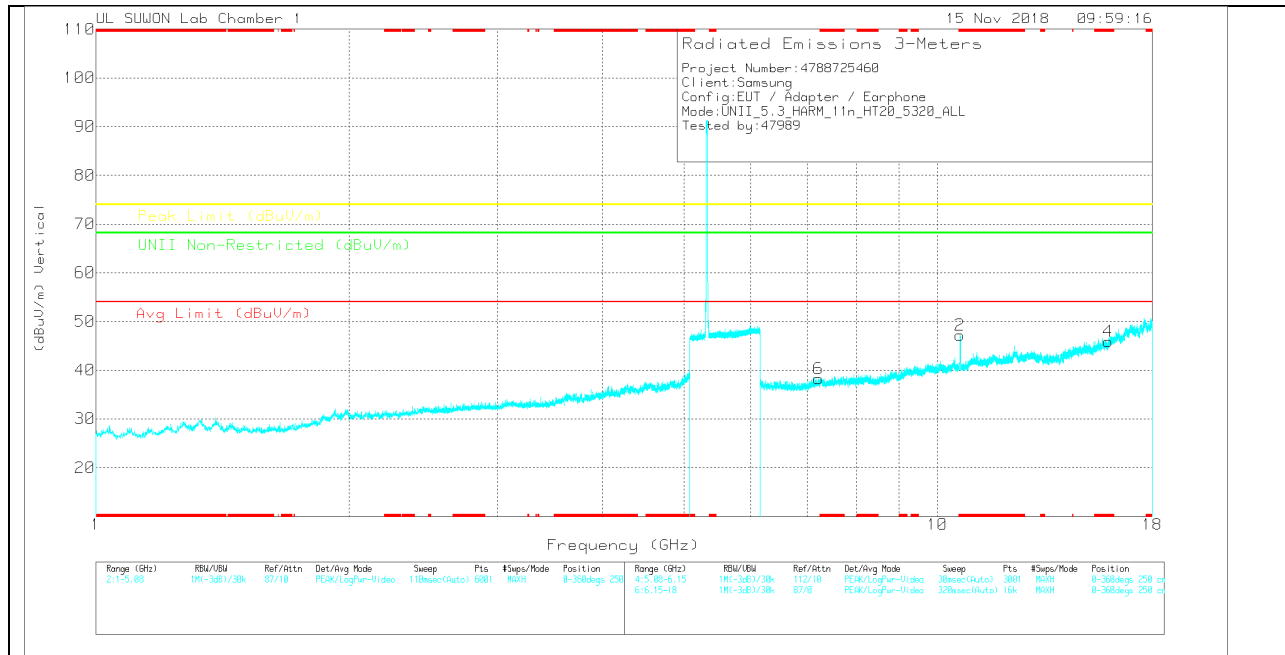
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 10.605	47.59	PK-U	37.8	-22.3	0	63.09	-	-	74	-10.91	-	-	219	227	H
* 10.6	34.64	ADR	37.8	-22.3	0	50.14	54	-3.86	-	-	-	-	219	227	H
* 10.605	44.66	PK-U	37.8	-22.3	0	60.16	-	-	74	-13.84	-	-	222	259	V
* 10.6	31.57	ADR	37.8	-22.3	0	47.07	54	-6.93	-	-	-	-	222	259	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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 10.639	33.53	PK	37.8	-22.1	0	49.23	-	-	74	-24.77	-	-	0-360	250	H
3	* 15.964	25.94	PK	40.7	-20.8	0	45.84	-	-	74	-28.16	-	-	0-360	250	H
5	* 7.277	29.4	PK	35.8	-26.9	0	38.3	-	-	74	-35.7	-	-	0-360	150	H
2	* 10.639	31.5	PK	37.8	-22.1	0	47.2	-	-	74	-26.8	-	-	0-360	250	V
4	* 15.963	26.01	PK	40.7	-20.8	0	45.91	-	-	74	-28.09	-	-	0-360	250	V
6	7.219	29.81	PK	35.8	-27.3	0	38.31	-	-	-	-	68.2	-29.89	0-360	150	V

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

Radiated Emissions

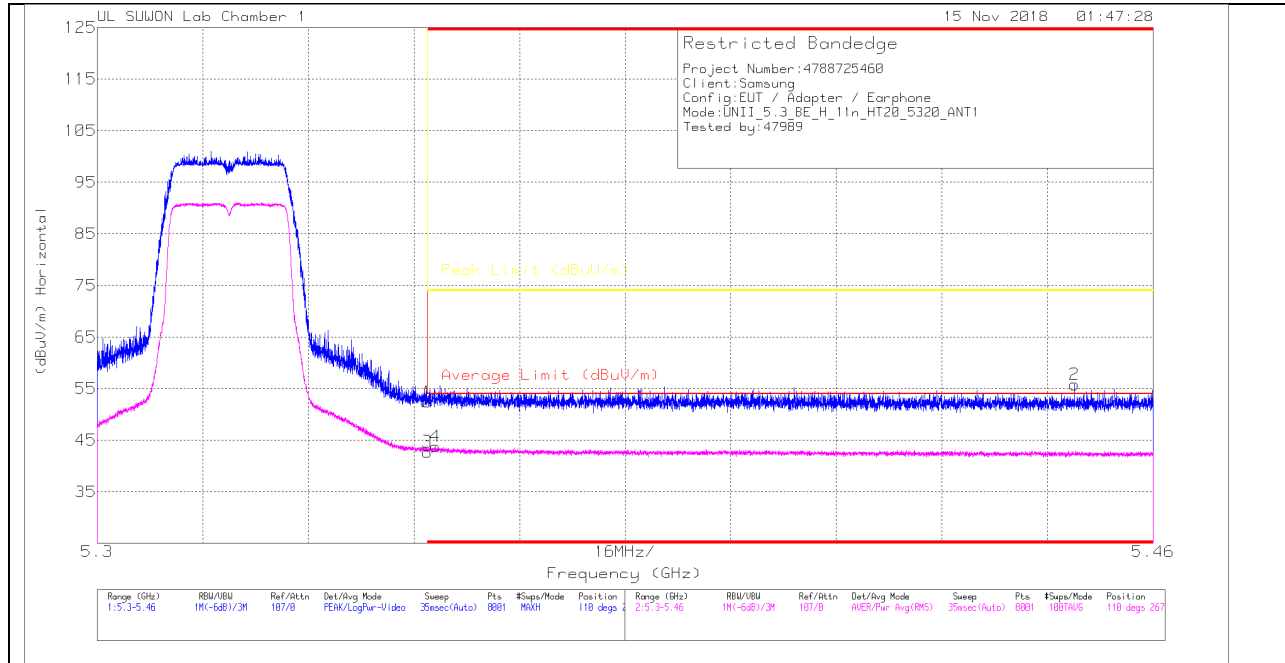
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.64	47.46	PK-U	37.8	-22.1	0	63.16	-	-	74	-10.84	-	-	217	227	H
* 10.64	34.04	ADR	37.8	-22.1	0	49.74	54	-4.26	-	-	-	-	217	227	H
* 10.641	41.67	PK-U	37.8	-22.1	0	57.37	-	-	74	-16.63	-	-	194	154	V
* 10.641	28.86	ADR	37.8	-22.1	0	44.56	54	-9.44	-	-	-	-	194	154	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

11.2.5.TX ABOVE 1GHz 802.11n HT20 1Tx ANT1 IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

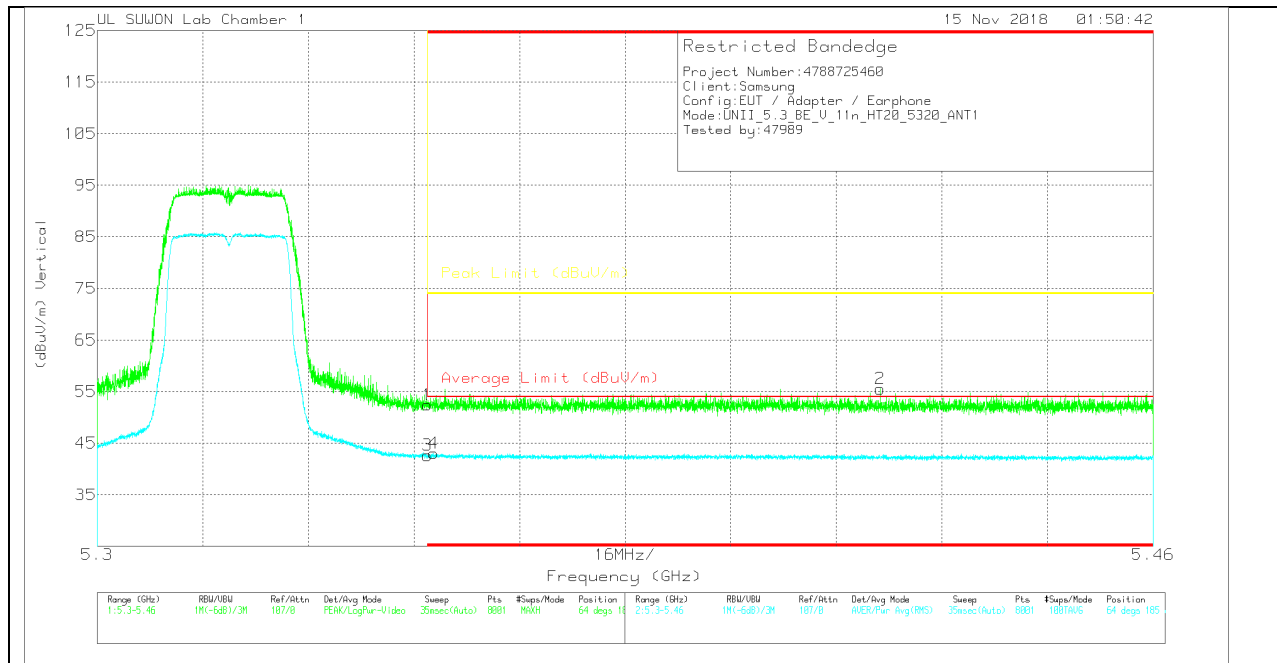
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.33	Pk		34.7	-21.6	52.43	-	-	74	-21.57	110	267	H
2	* 5.448	42.59	Pk		34.7	-21.5	55.79	-	-	74	-18.21	110	267	H
3	* 5.35	29.71	RMS		34.7	-21.7	42.71	54	-11.29	-	-	110	267	H
4	* 5.351	30.77	RMS		34.7	-21.7	43.77	54	-10.23	-	-	110	267	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.32	Pk	34.7	-21.6	0	52.42	-	-	74	-21.58	64	185	V
2	* 5.419	42.46	Pk	34.7	-21.6	0	55.56	-	-	74	-18.44	64	185	V
3	* 5.35	29.65	RMS	34.7	-21.7	0	42.65	54	-11.35	-	-	64	185	V
4	* 5.351	30.03	RMS	34.7	-21.7	0	43.03	54	-10.97	-	-	64	185	V

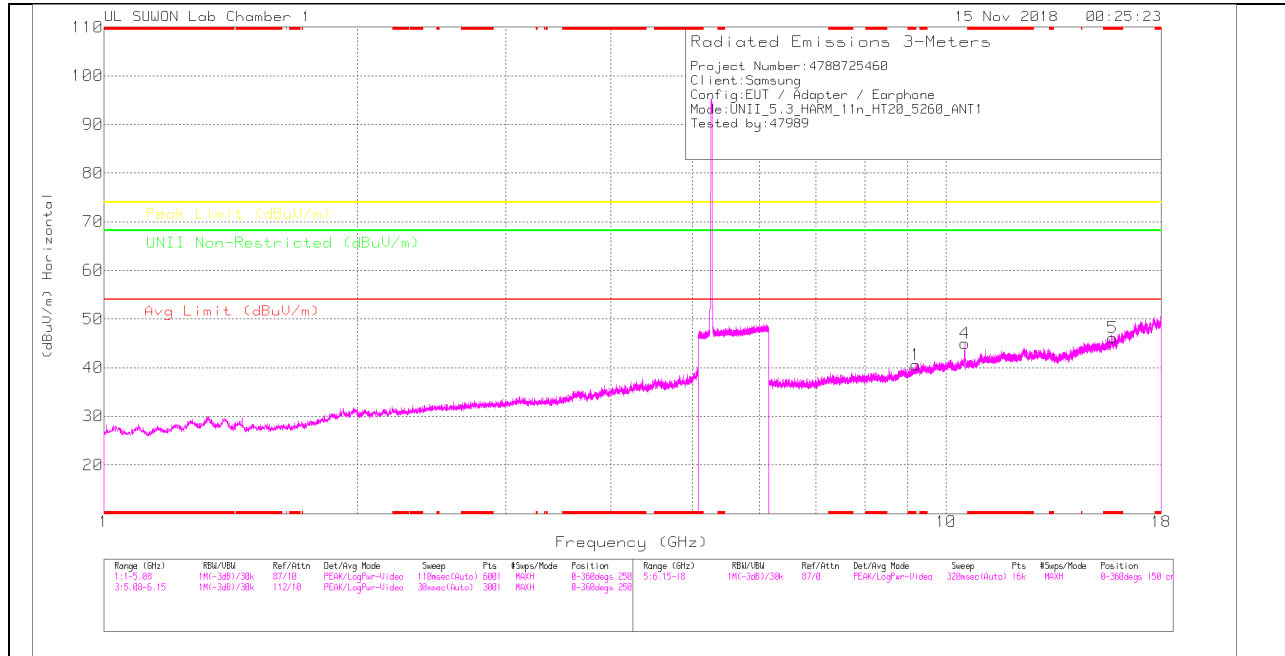
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

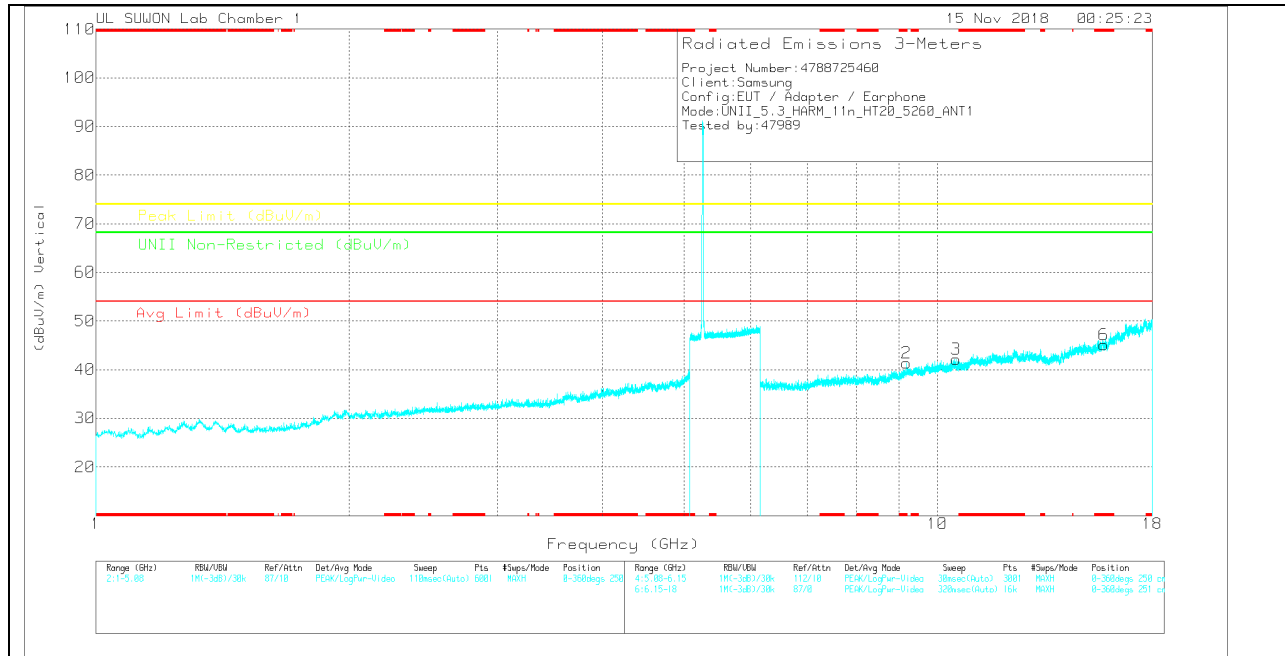
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 9.199	27.37	PK	36.7	-23.5	0	40.57	-	-	74	-33.43	-	-	0-360	250	H
4	10.519	29.91	PK	37.7	-22.6	0	45.01	-	-	-	-	68.2	-23.19	0-360	250	H
5	* 15.775	26.71	PK	40.5	-21.1	0	46.11	-	-	74	-27.89	-	-	0-360	250	H
2	* 9.192	28.14	PK	36.7	-23.5	0	41.34	-	-	74	-32.66	-	-	0-360	251	V
3	10.517	27.04	PK	37.7	-22.6	0	42.14	-	-	-	-	68.2	-26.06	0-360	251	V
6	* 15.77	25.75	PK	40.5	-21.1	0	45.15	-	-	74	-28.85	-	-	0-360	150	V

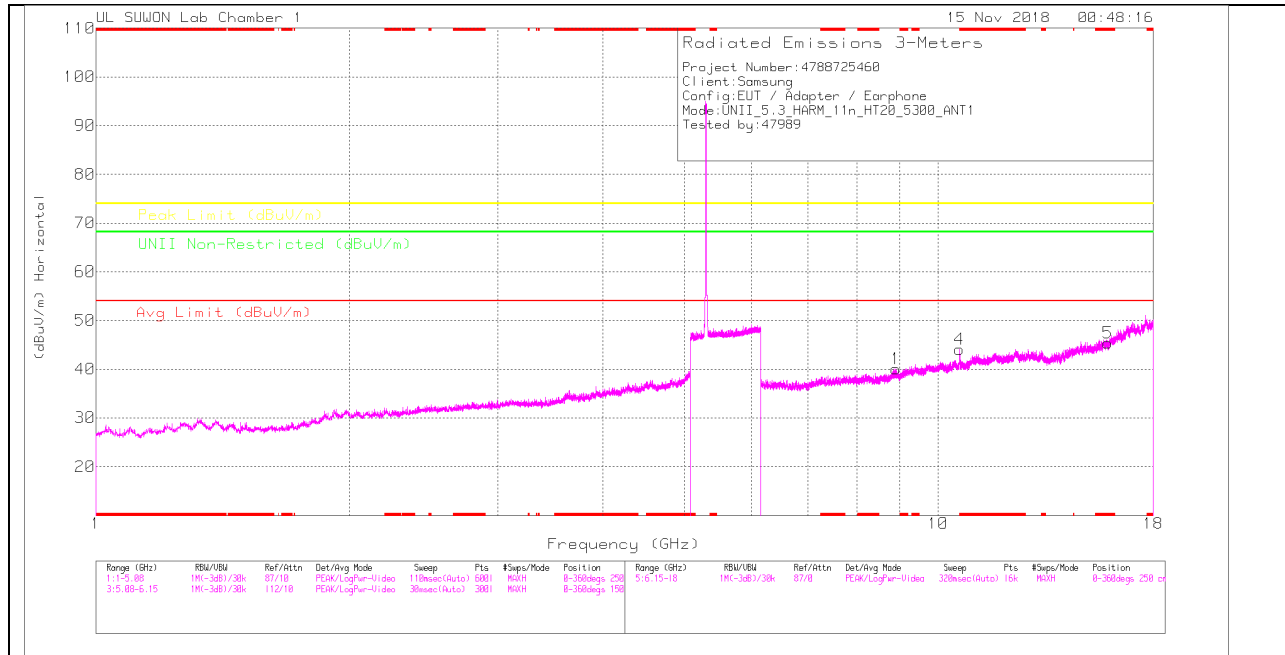
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

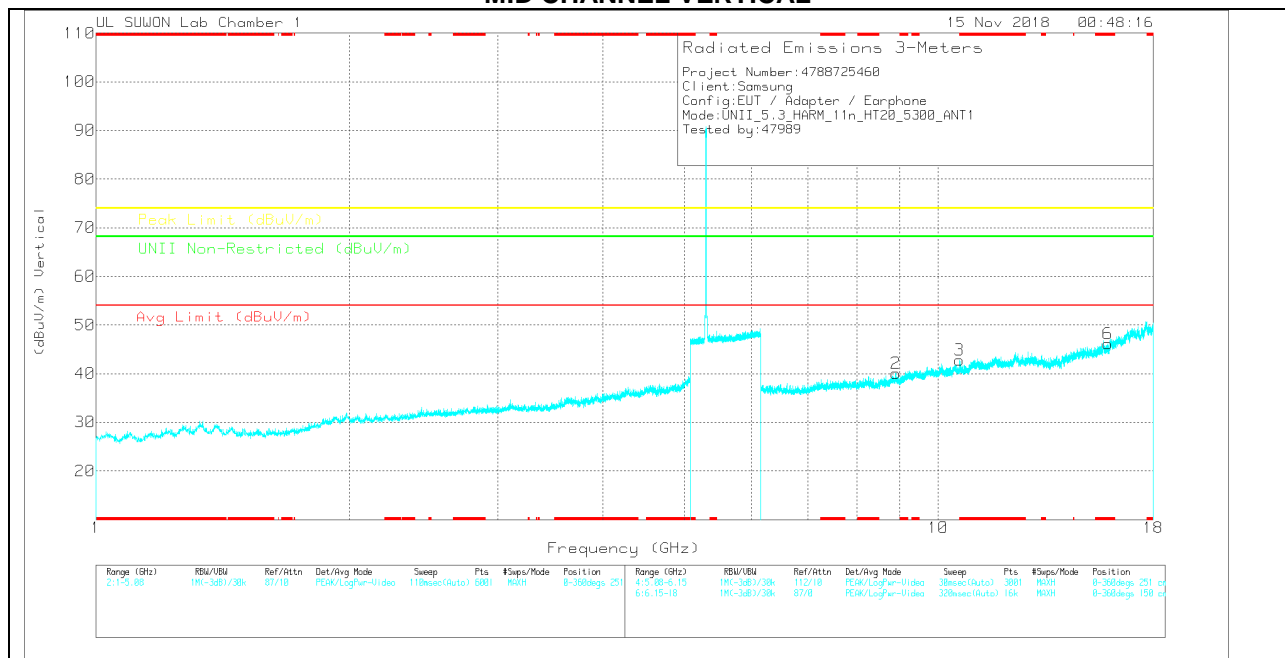
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.52	40.49	PK-U	37.7	-22.6	0	55.59	-	-	-	-	68.2	-12.61	110	250	H
10.521	37.11	PK-U	37.7	-22.6	0	52.21	-	-	-	-	68.2	-15.99	169	331	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_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	8.905	27.48	PK	36.6	-24	0	40.08	-	-	-	-	68.2	-28.12	0-360	250	H
4	10.599	28.63	PK	37.8	-22.3	0	44.13	-	-	-	-	68.2	-24.07	0-360	250	H
5	* 15.897	25.93	PK	40.6	-21.1	0	45.43	-	-	74	-28.57	-	-	0-360	150	H
2	8.903	27.42	PK	36.6	-24	0	40.02	-	-	-	-	68.2	-28.18	0-360	150	V
3	10.598	27.31	PK	37.8	-22.3	0	42.81	-	-	-	-	68.2	-25.39	0-360	250	V
6	* 15.896	26.61	PK	40.6	-21.1	0	46.11	-	-	74	-27.89	-	-	0-360	150	V

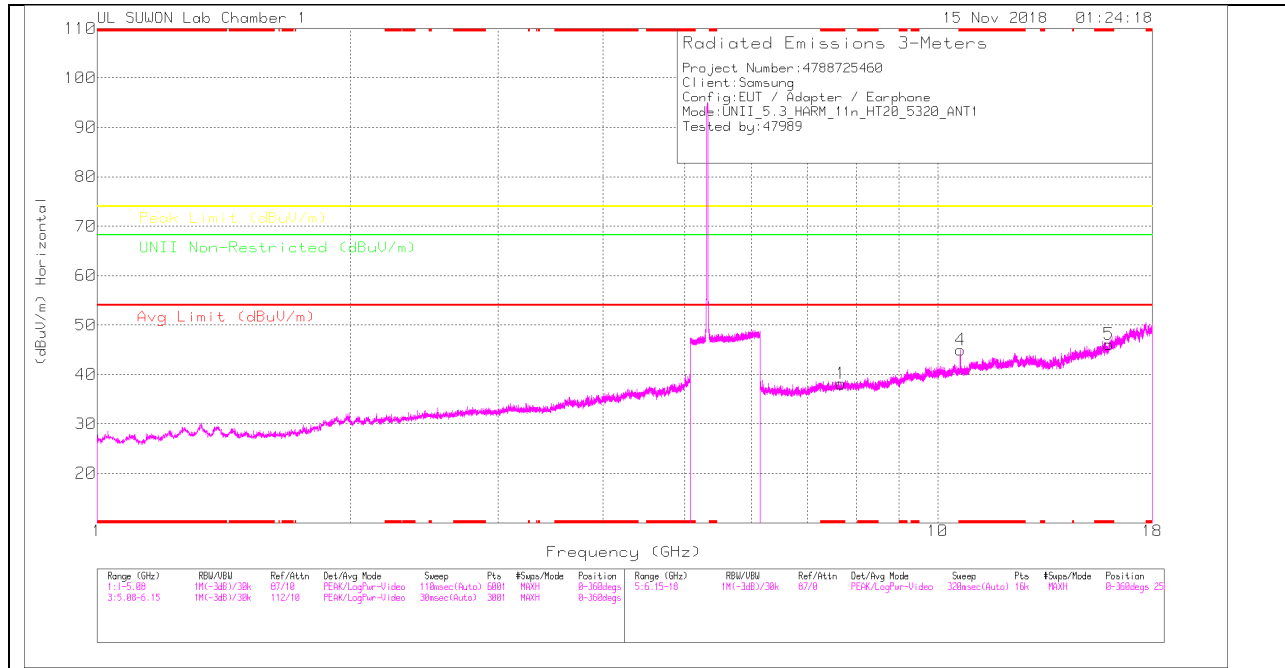
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

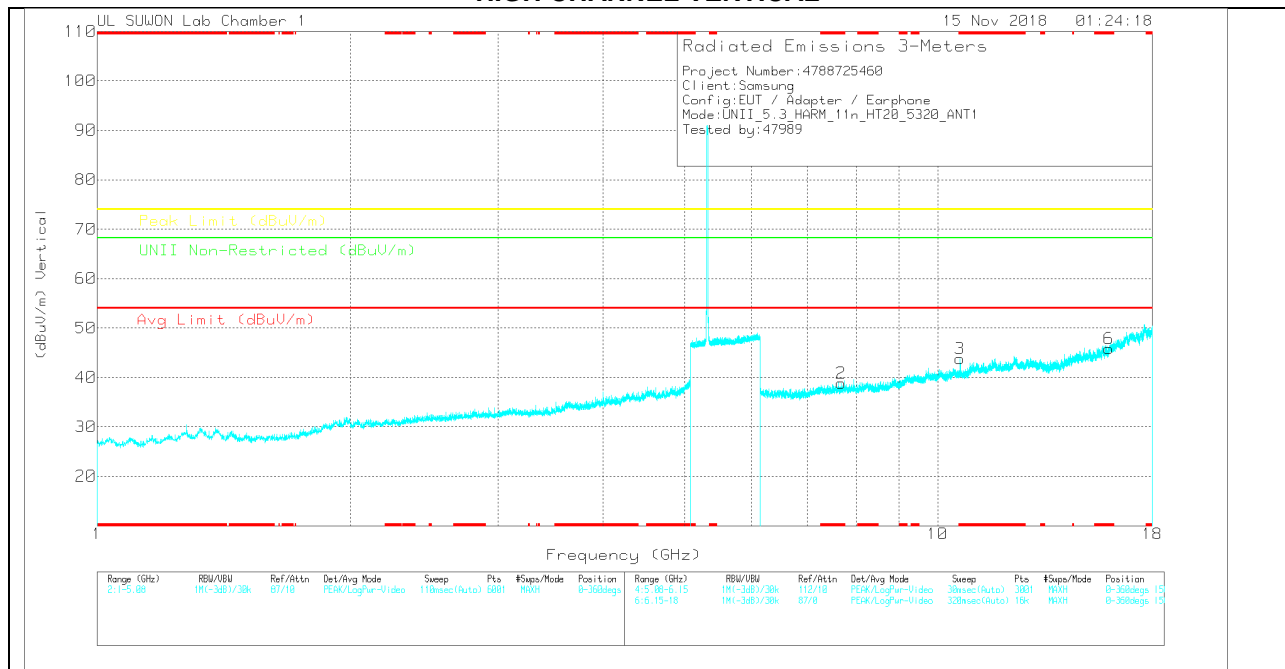
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 10.603	35.97	PK-U	37.8	-22.3	0	51.47	-	-	74	-22.53	-	-	114	237	V
* 10.6	23.59	ADR	37.8	-22.3	0	39.09	54	-14.91	-	-	-	-	114	237	V
* 10.602	38.87	PK-U	37.8	-22.3	0	54.37	-	-	74	-19.63	-	-	173	253	H
* 10.601	25.19	ADR	37.8	-22.3	0	40.69	54	-13.31	-	-	-	-	173	253	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

HIGH CHANNEL 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_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.677	29.05	PK	35.9	-26.8	0	38.15	-	-	74	-35.85	-	-	0-360	150	H
4	* 10.64	29.26	PK	37.8	-22.1	0	44.96	-	-	74	-29.04	-	-	0-360	250	H
5	* 15.972	26.14	PK	40.7	-20.7	0	46.14	-	-	74	-27.86	-	-	0-360	250	H
2	* 7.679	29.71	PK	35.9	-26.8	0	38.81	-	-	74	-35.19	-	-	0-360	251	V
3	* 10.634	28.16	PK	37.8	-22.2	0	43.76	-	-	74	-30.24	-	-	0-360	251	V
6	* 15.98	25.64	PK	40.7	-20.5	0	45.84	-	-	74	-28.16	-	-	0-360	251	V

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

Radiated Emissions

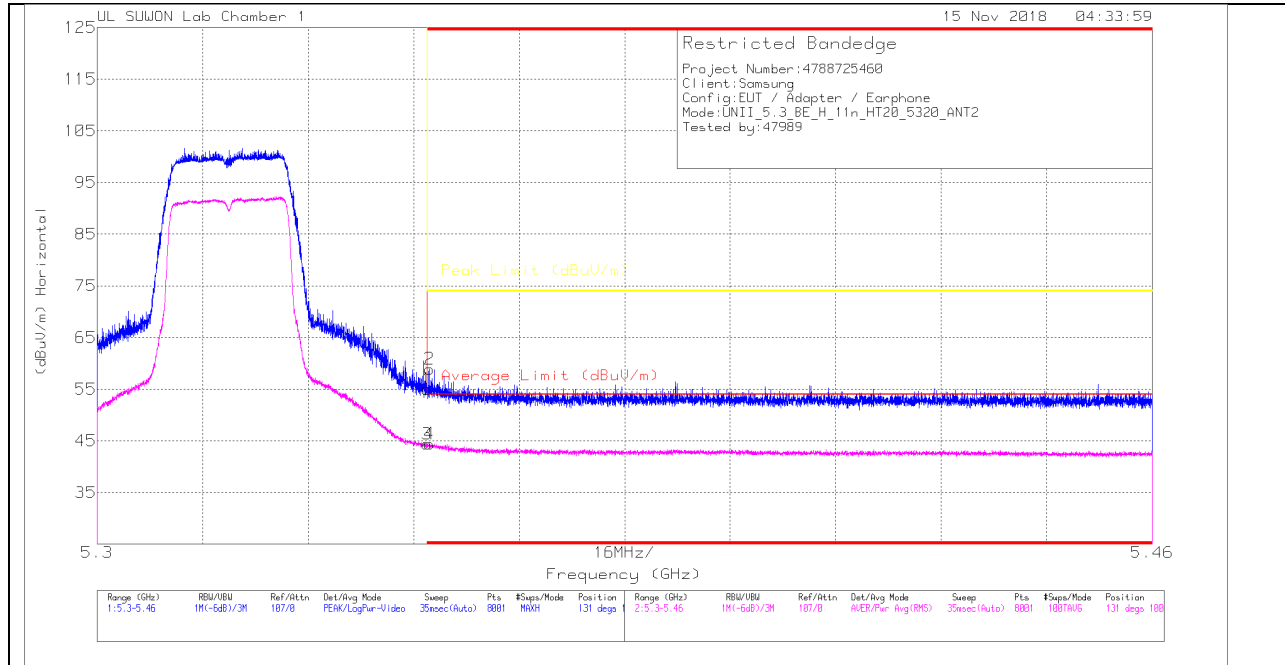
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.639	40.46	PK-U	37.8	-22.1	0	56.16	-	-	74	-17.84	-	-	103	224	H
* 10.641	27.44	ADR	37.8	-22.1	0	43.14	54	-10.86	-	-	-	-	103	224	H
* 10.639	37.05	PK-U	37.8	-22.1	0	52.75	-	-	74	-21.25	-	-	87	120	V
* 10.64	25	ADR	37.8	-22.1	0	40.7	54	-13.3	-	-	-	-	87	120	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

11.2.6.TX ABOVE 1GHz 802.11n HT20 1Tx ANT2 IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

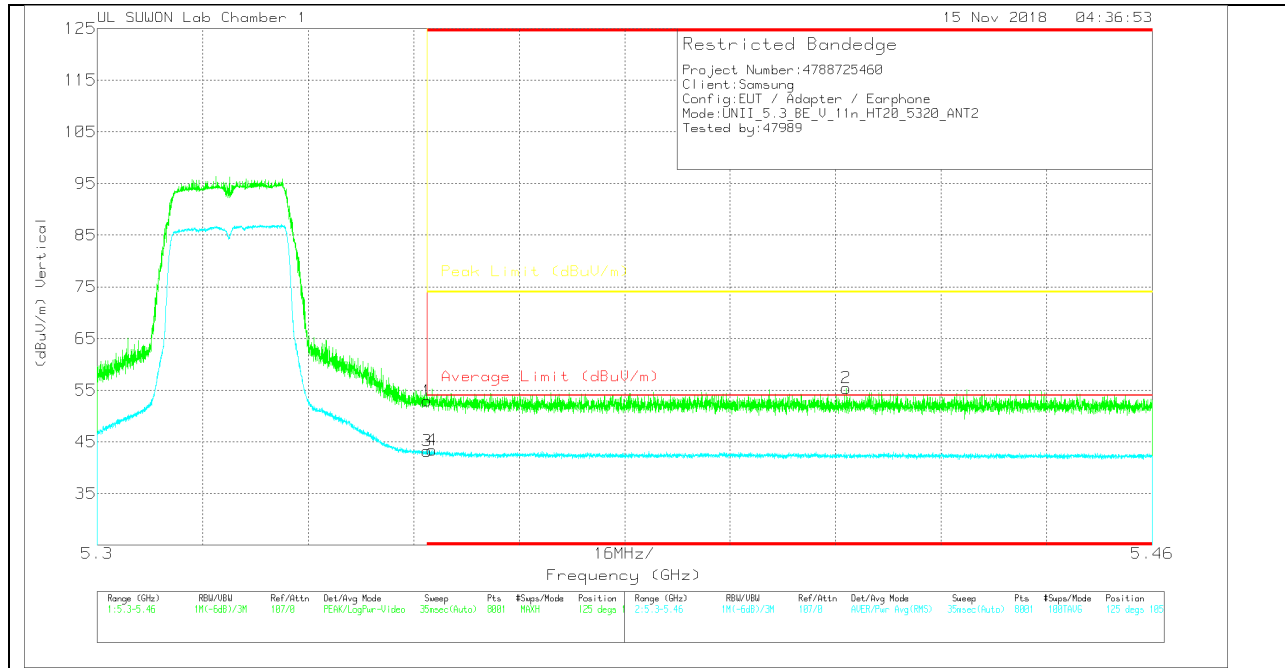
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.96	Pk	34.7	-21.6	0	55.06	-	-	74	-18.94	131	100	H
2	* 5.35	45.8	Pk	34.7	-21.6	0	58.9	-	-	74	-15.1	131	100	H
3	* 5.35	31.4	RMS	34.7	-21.7	0	44.4	54	-9.6	-	-	131	100	H
4	* 5.35	31.43	RMS	34.7	-21.7	0	44.43	54	-9.57	-	-	131	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

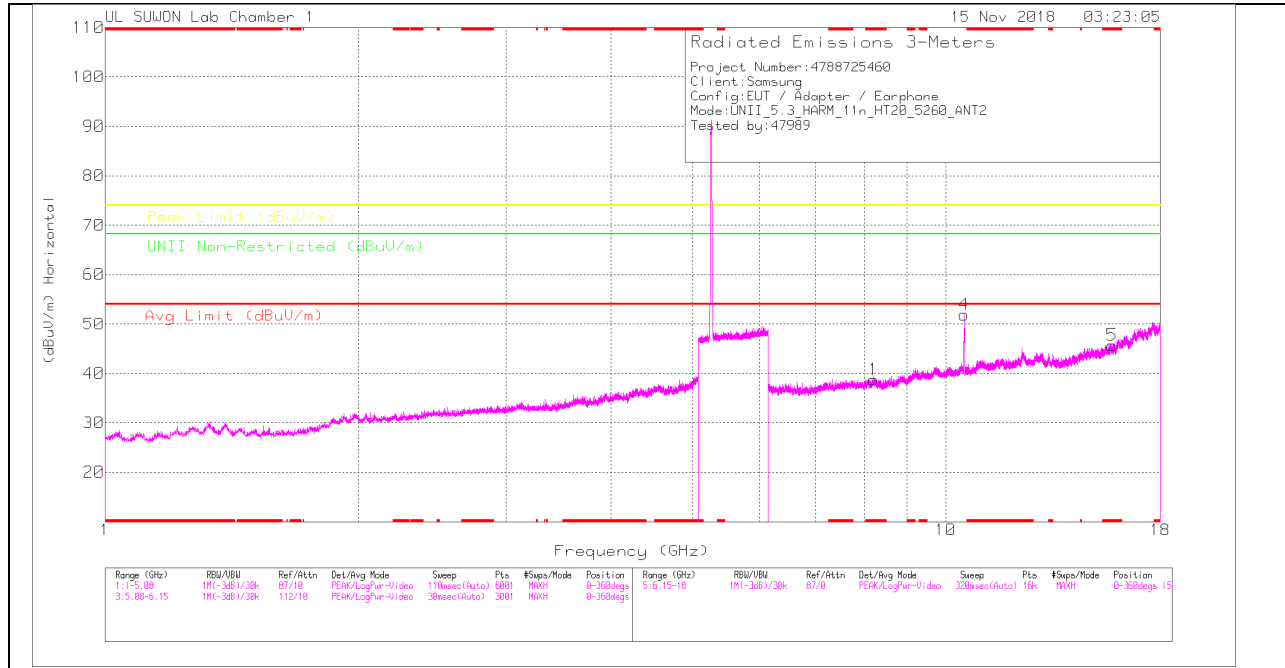
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	* 5.35	39.8	Pk	34.7	-21.6	0	52.9	-	-	74	-21.1	125	105	V
2	* 5.414	42.22	Pk	34.7	-21.5	0	55.42	-	-	74	-18.58	125	105	V
3	* 5.35	30.26	RMS	34.7	-21.7	0	43.26	54	-10.74	-	-	125	105	V
4	* 5.351	30.43	RMS	34.7	-21.7	0	43.43	54	-10.57	-	-	125	105	V

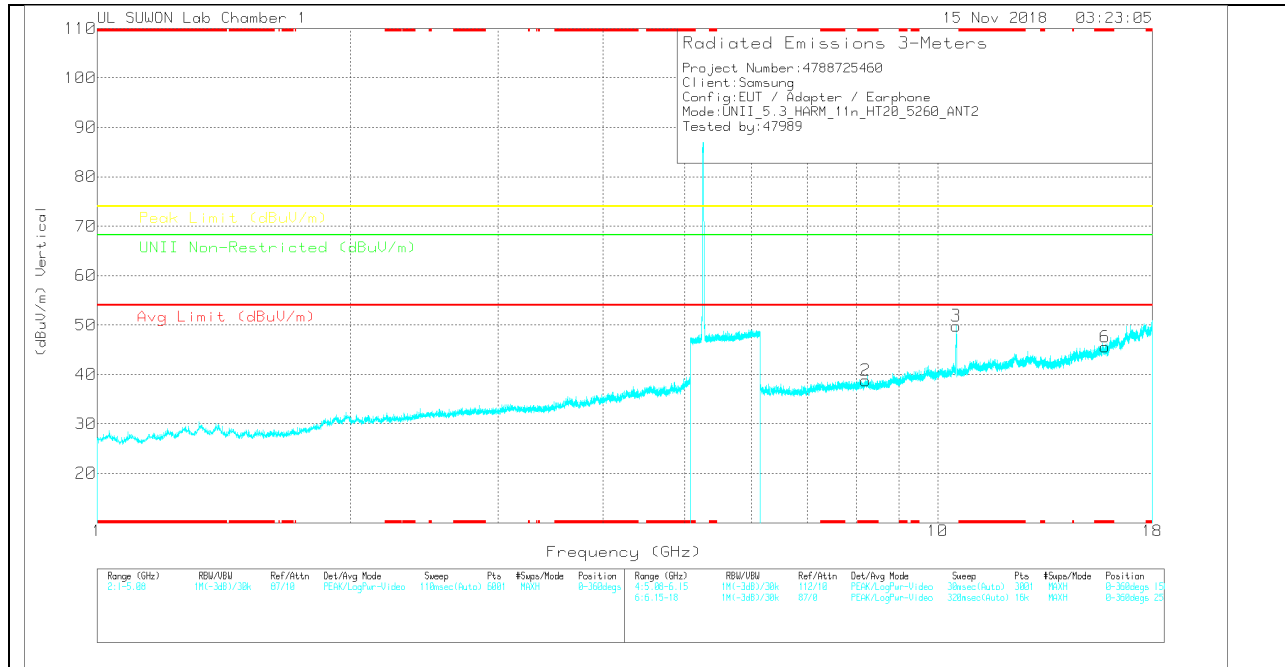
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 8.209	27.93	PK	36.4	-25.6	0	38.73	-	-	74	-35.27	-	-	0-360	150	H
4	10.522	36.9	PK	37.7	-22.7	0	51.9	-	-	-	-	68.2	-16.3	0-360	250	H
5	* 15.775	26.33	PK	40.5	-21.1	0	45.73	-	-	74	-28.27	-	-	0-360	250	H
2	* 8.206	27.99	PK	36.4	-25.6	0	38.79	-	-	74	-35.21	-	-	0-360	150	V
3	10.522	34.81	PK	37.7	-22.7	0	49.81	-	-	-	-	68.2	-18.39	0-360	251	V
6	* 15.812	26.17	PK	40.5	-21.1	0	45.57	-	-	74	-28.43	-	-	0-360	150	V

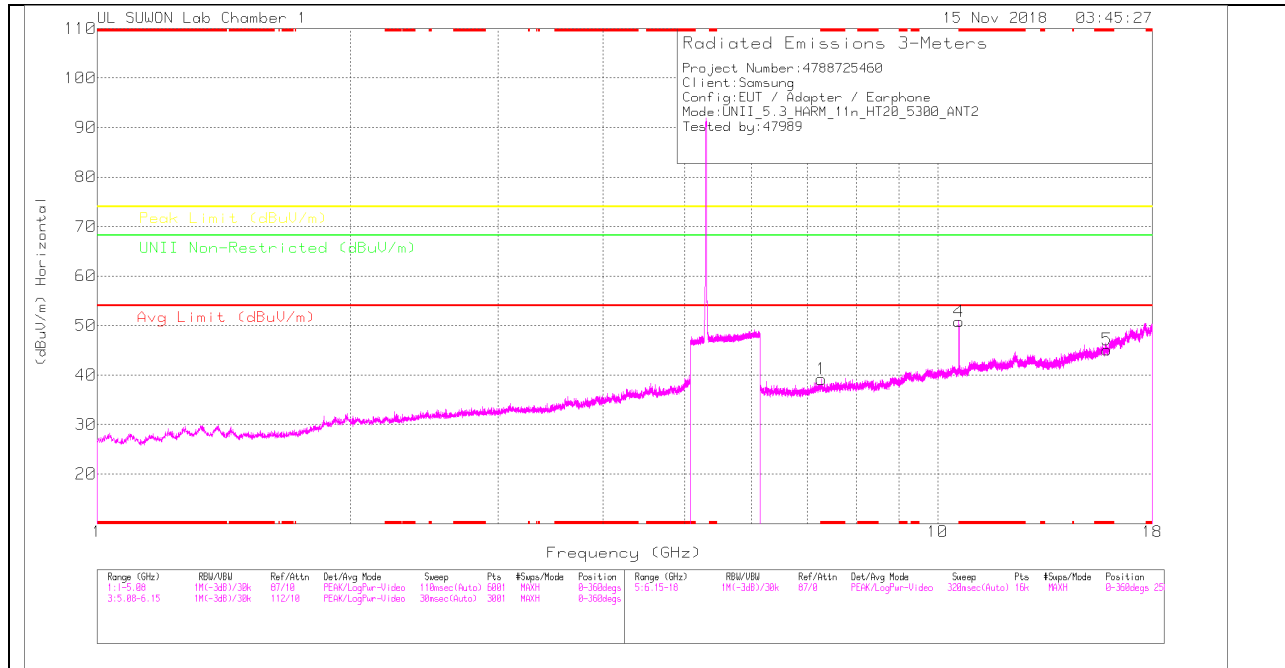
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

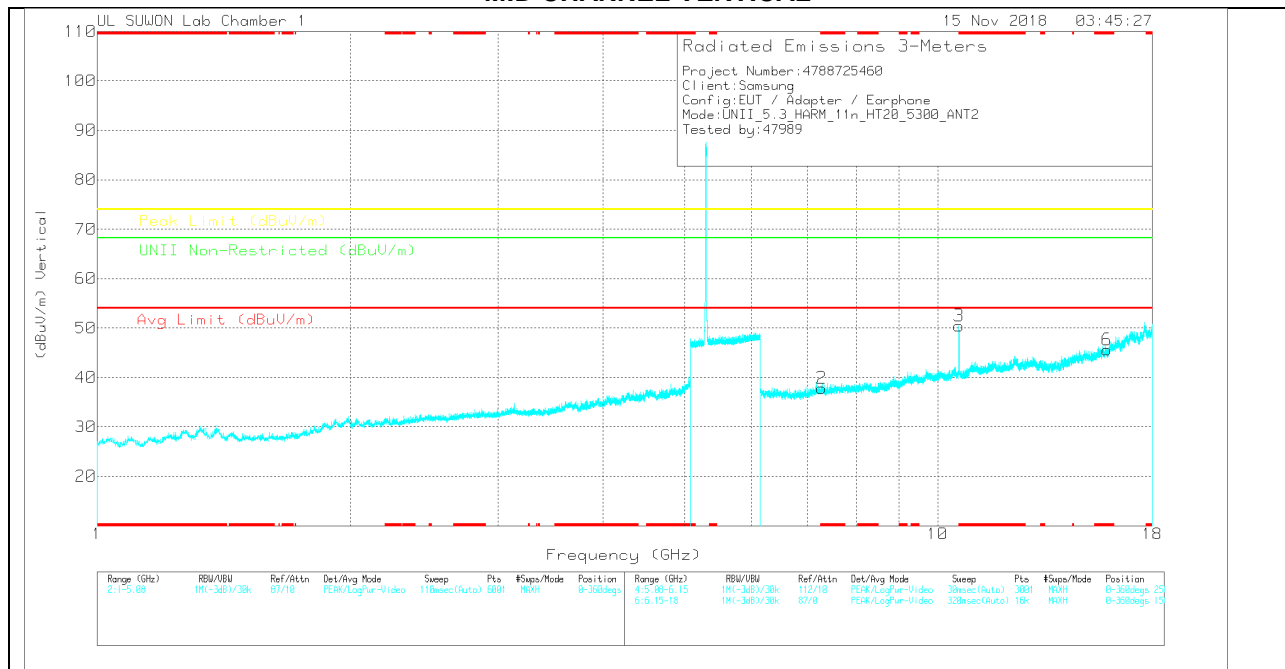
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.514	48.77	PK-U	37.7	-22.5	0	63.97	-	-	-	-	68.2	-4.23	212	106	H
10.522	46.99	PK-U	37.7	-22.7	0	61.99	-	-	-	-	68.2	-6.21	214	255	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_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 7.272	30.26	PK	35.8	-26.9	0	39.16	-	-	74	-34.84	-	-	0-360	150	H
4	10.599	35.29	PK	37.8	-22.3	0	50.79	-	-	-	-	68.2	-17.41	0-360	250	H
5	* 15.9	25.72	PK	40.6	-21.2	0	45.12	-	-	74	-28.88	-	-	0-360	250	H
2	* 7.273	28.94	PK	35.8	-26.9	0	37.84	-	-	74	-36.16	-	-	0-360	250	V
3	10.599	34.94	PK	37.8	-22.3	0	50.44	-	-	-	-	68.2	-17.76	0-360	250	V
6	* 15.892	26.1	PK	40.6	-21.1	0	45.6	-	-	74	-28.4	-	-	0-360	250	V

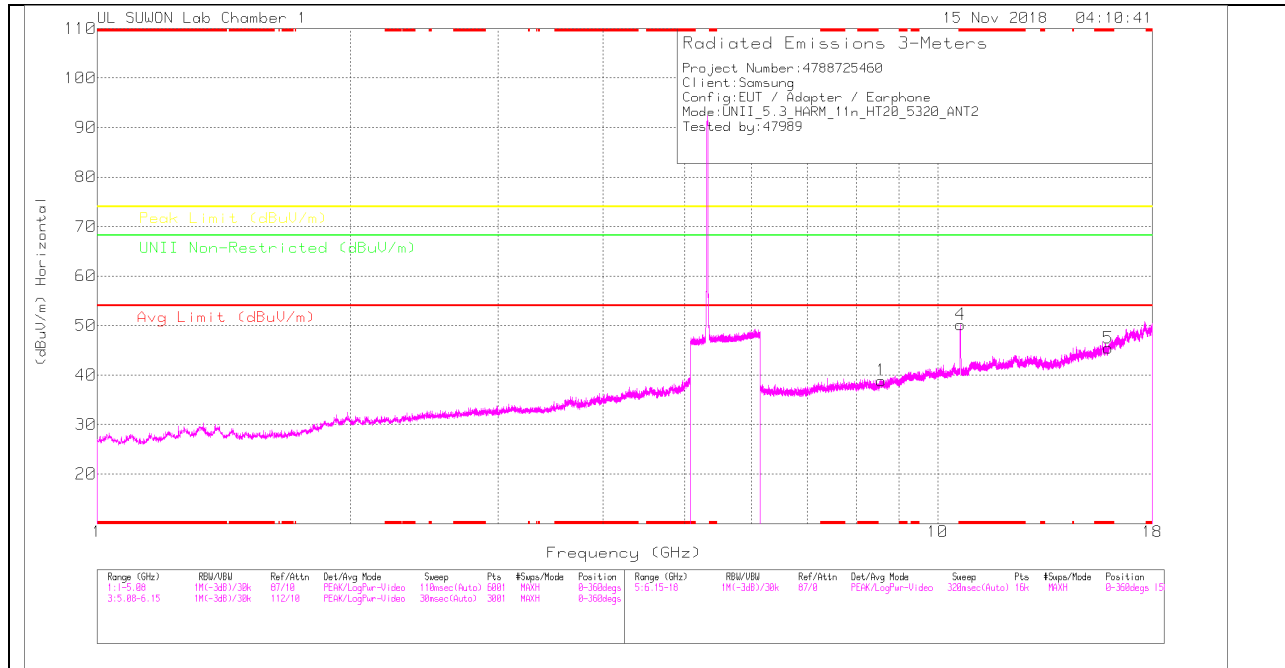
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

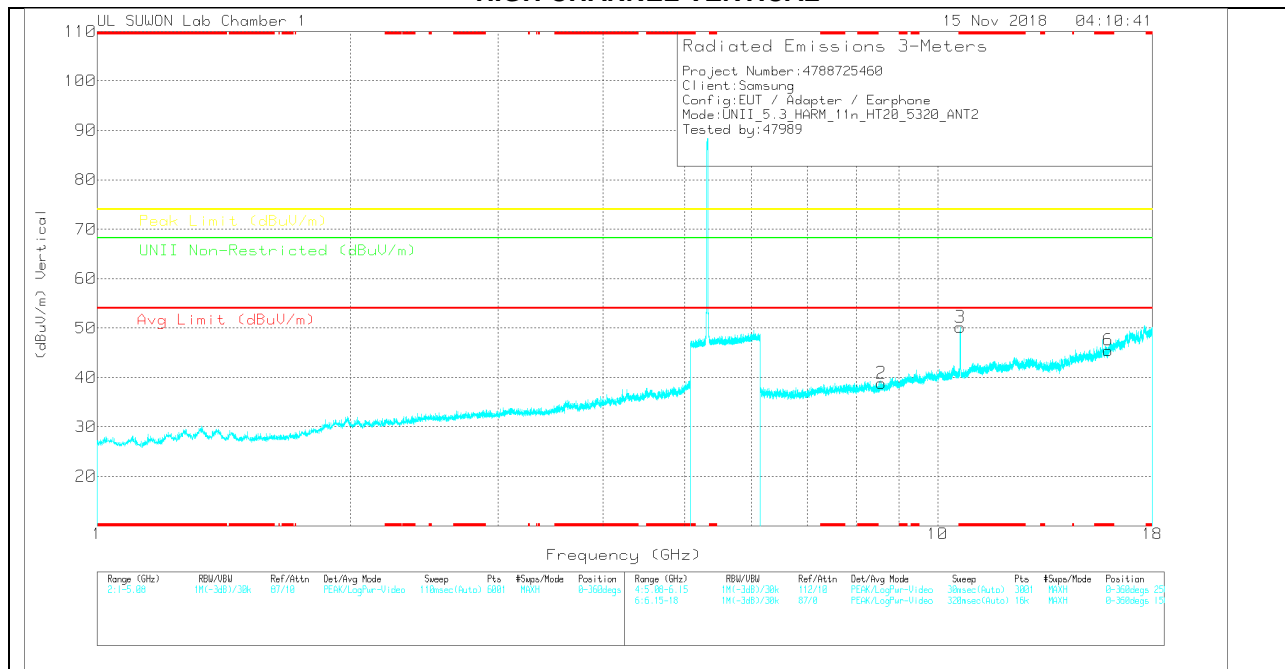
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 10.601	49.05	PK-U	37.8	-22.3	0	64.55	-	-	74	-9.45	-	-	216	216	H
* 10.6	35.01	ADR	37.8	-22.3	0	50.51	54	-3.49	-	-	-	-	216	216	H
* 10.6	46.92	PK-U	37.8	-22.3	0	62.42	-	-	74	-11.58	-	-	216	314	V
* 10.6	33.24	ADR	37.8	-22.3	0	48.74	54	-5.26	-	-	-	-	216	314	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

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)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.566	26.9	PK	36.3	-24.3	0	38.9	-	-	-	-	68.2	-29.3	0-360	250	H
4	* 10.642	34.5	PK	37.8	-22.1	0	50.2	-	-	74	-23.8	-	-	0-360	250	H
5	* 15.943	25.73	PK	40.7	-21	0	45.43	-	-	74	-28.57	-	-	0-360	150	H
2	8.568	26.86	PK	36.3	-24.3	0	38.86	-	-	-	-	68.2	-29.34	0-360	150	V
3	* 10.637	34.49	PK	37.8	-22.1	0	50.19	-	-	74	-23.81	-	-	0-360	251	V
6	* 15.946	25.81	PK	40.7	-21	0	45.51	-	-	74	-28.49	-	-	0-360	150	V

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

Radiated Emissions

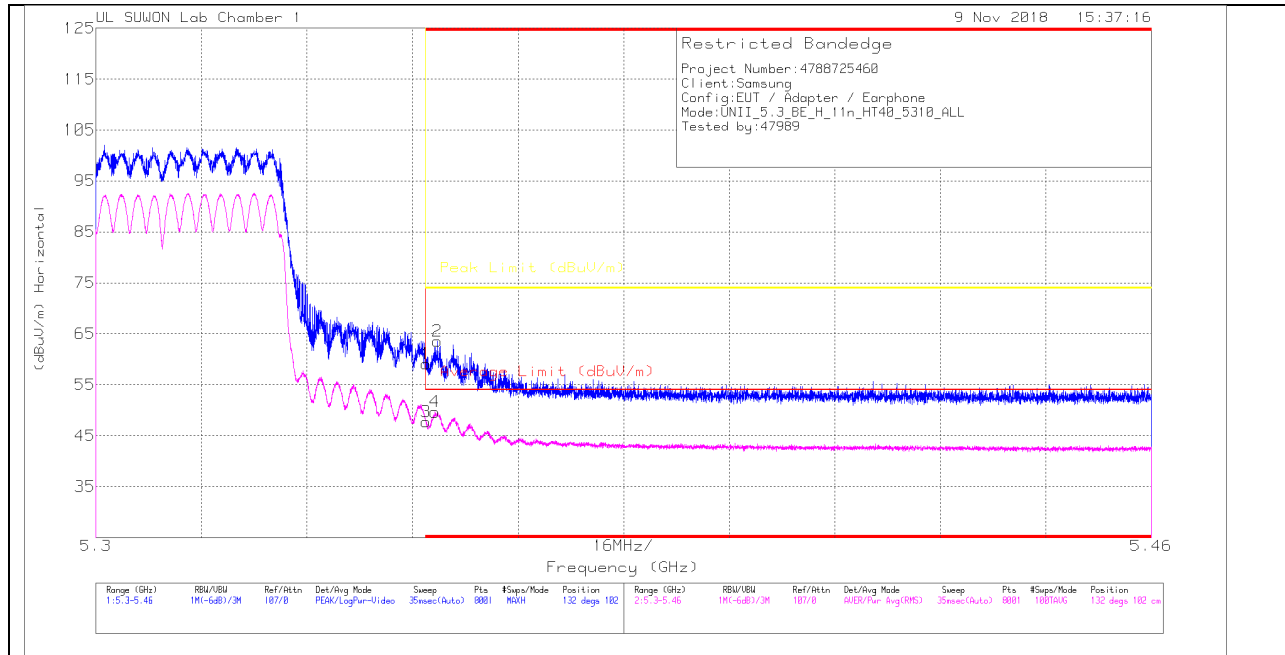
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.642	46.76	PK-U	37.8	-22.1	0	62.46	-	-	74	-11.54	-	-	213	108	H
* 10.64	33.42	ADR	37.8	-22.1	0	49.12	54	-4.88	-	-	-	-	213	108	H
* 10.643	44.01	PK-U	37.8	-22.1	0	59.71	-	-	74	-14.29	-	-	194	265	V
* 10.64	30.59	ADR	37.8	-22.1	0	46.29	54	-7.71	-	-	-	-	194	265	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

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

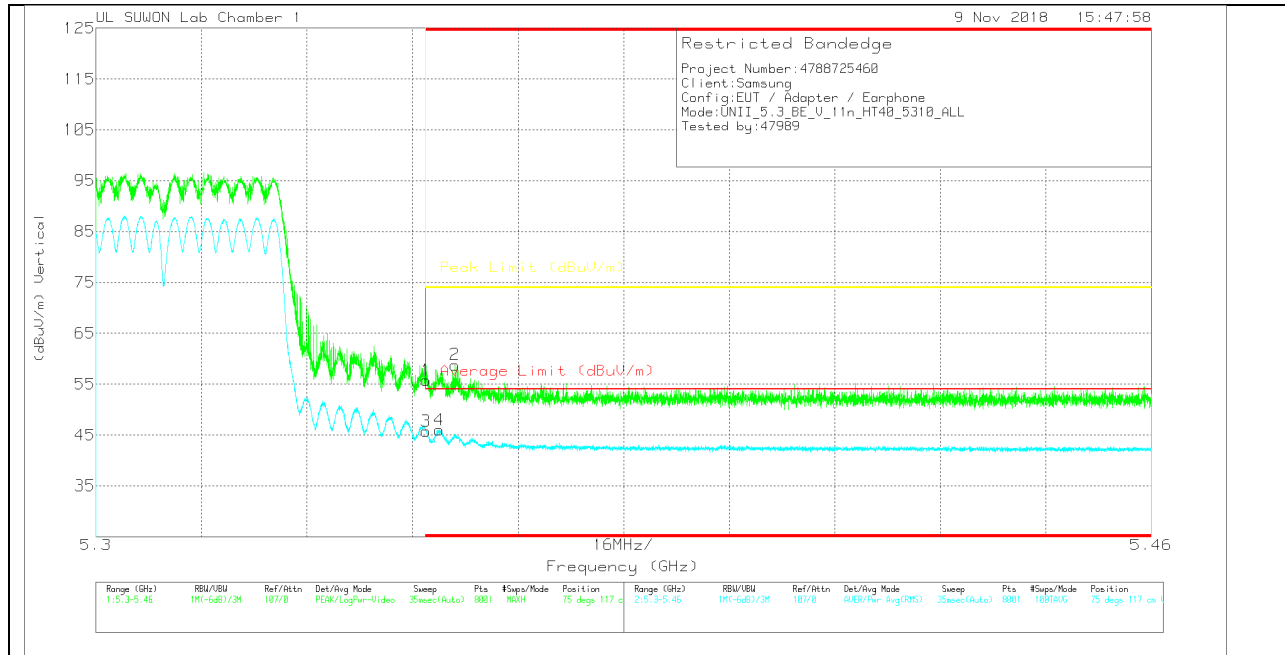
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	46.05	Pk	34.7	-21.6	0	59.15	-	-	74	-14.85	132	102	H
2	* 5.352	50.43	Pk	34.7	-21.6	0	63.53	-	-	74	-10.47	132	102	H
3	* 5.35	34.71	RMS	34.7	-21.7	0	47.71	54	-6.29	-	-	132	102	H
4	* 5.351	36.65	RMS	34.7	-21.7	0	49.65	54	-4.35	-	-	132	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
1	* 5.35	42.64	Pk	34.7	-21.6	0	55.74	-	-	74	-18.26	75	117	V
2	* 5.354	45.7	Pk	34.7	-21.6	0	58.8	-	-	74	-15.2	75	117	V
3	* 5.35	32.7	RMS	34.7	-21.7	0	45.7	54	-8.3	-	-	75	117	V
4	* 5.352	33.04	RMS	34.7	-21.7	0	46.04	54	-7.96	-	-	75	117	V

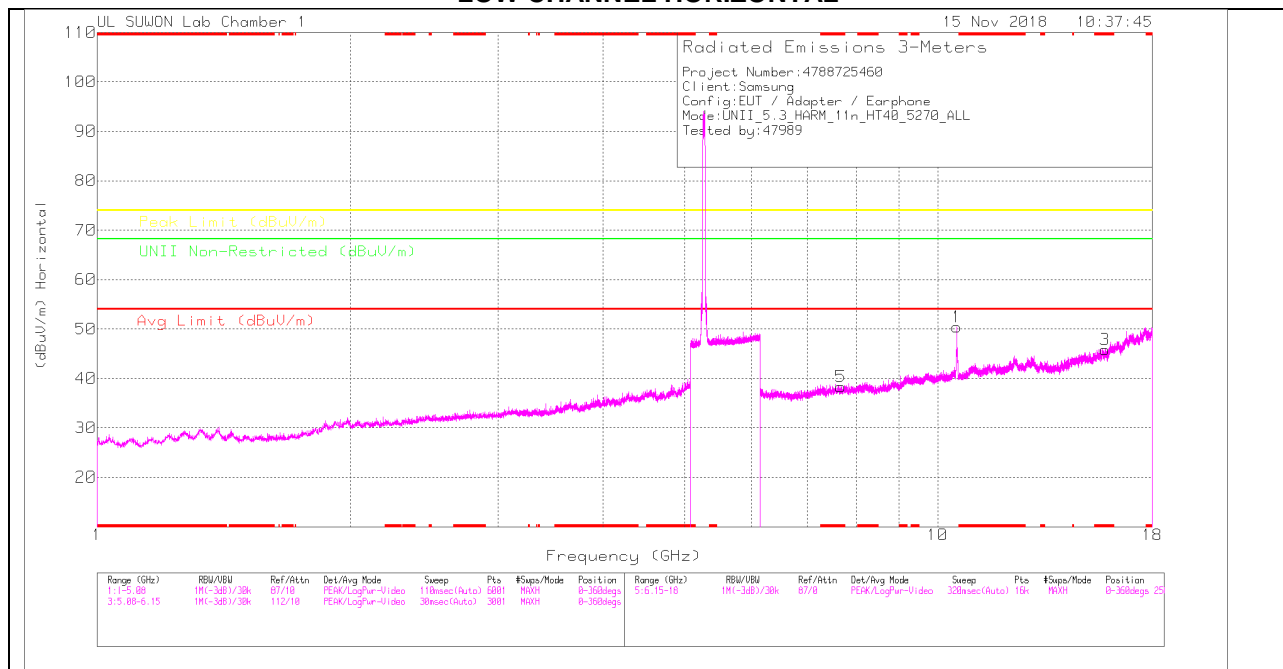
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

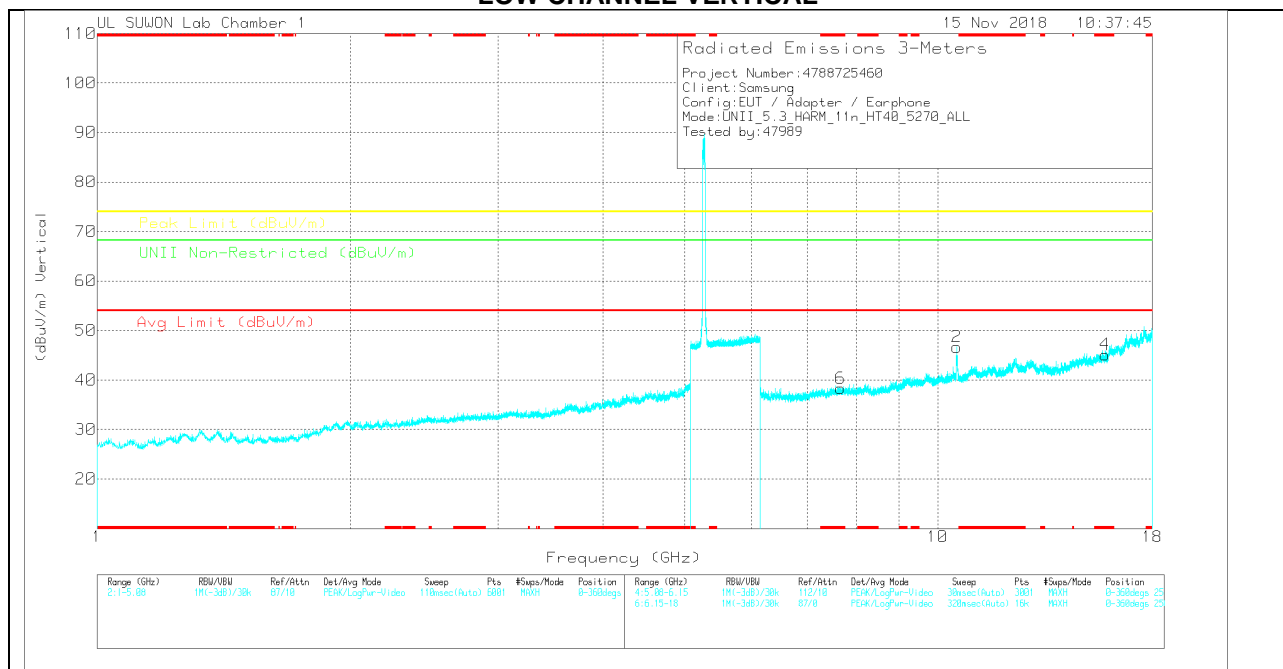
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.542	35.41	PK	37.8	-22.8	0	50.41	-	-	-	-	68.2	-17.79	0-360	250	H
3	* 15.812	26.42	PK	40.5	-21.1	0	45.82	-	-	74	-28.18	-	-	0-360	150	H
5	* 7.67	29.32	PK	35.9	-26.9	0	38.32	-	-	74	-35.68	-	-	0-360	150	H
2	10.54	31.67	PK	37.8	-22.8	0	46.67	-	-	-	-	68.2	-21.53	0-360	250	V
4	* 15.812	25.71	PK	40.5	-21.1	0	45.11	-	-	74	-28.89	-	-	0-360	250	V
6	* 7.668	29.31	PK	35.9	-26.9	0	38.31	-	-	74	-35.69	-	-	0-360	150	V

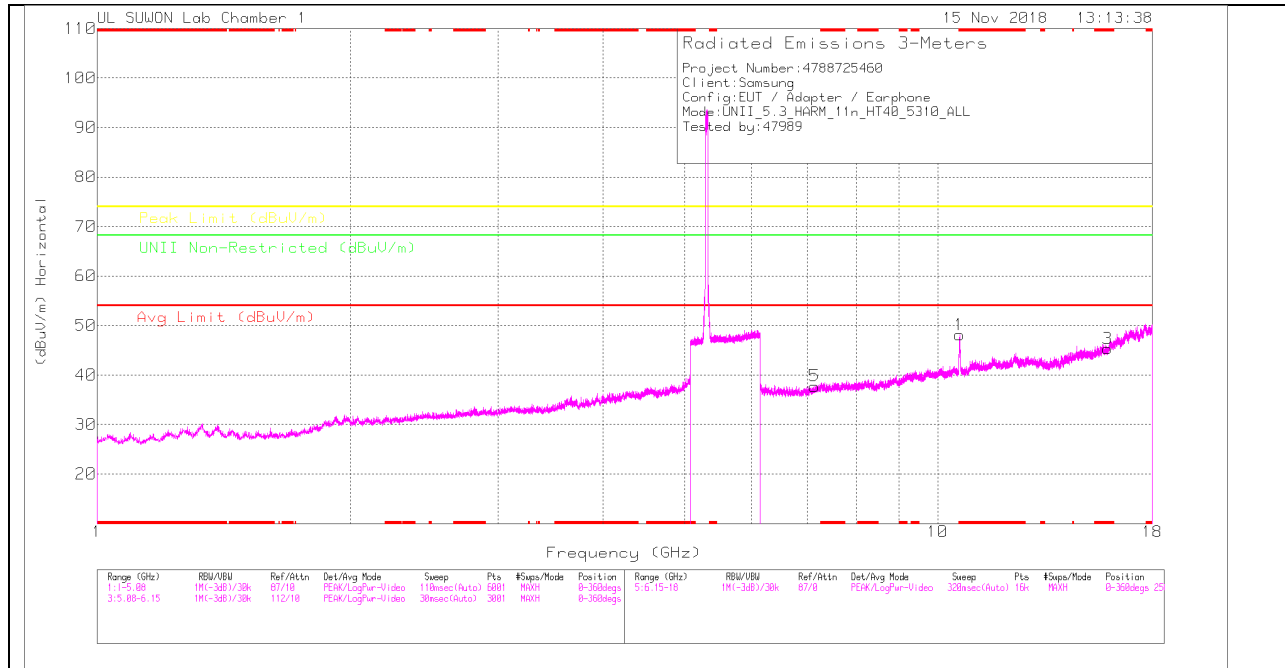
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

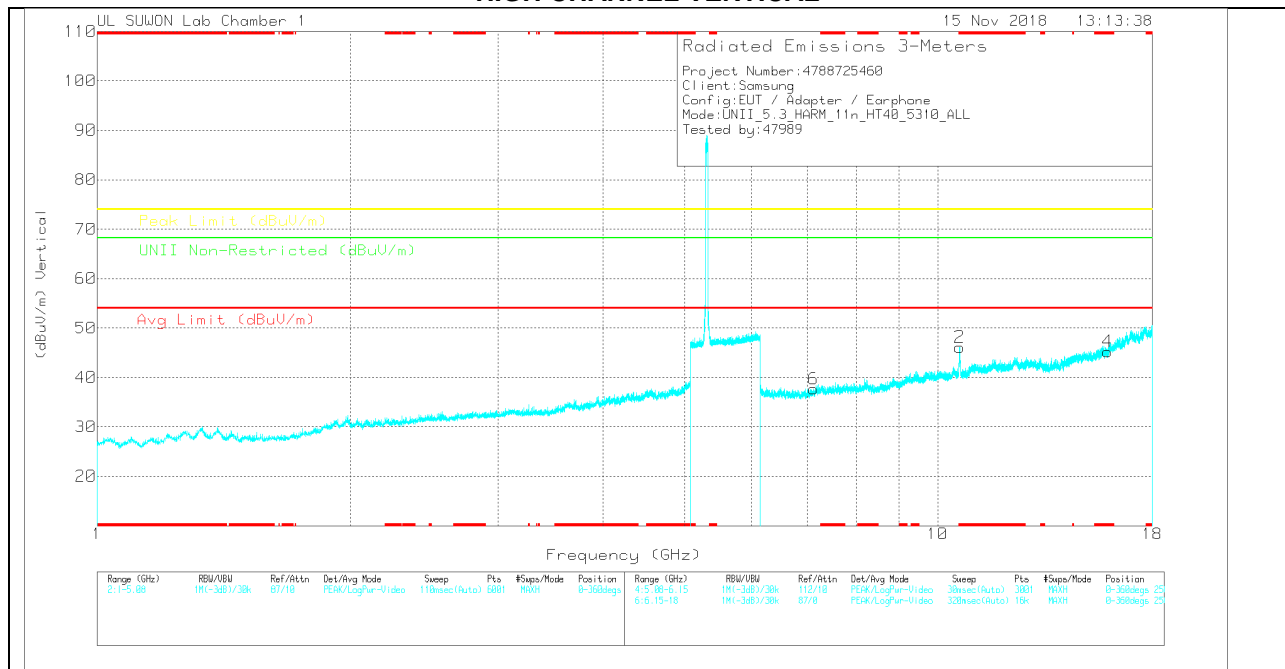
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.537	46.06	PK-U	37.7	-22.8	0	60.96	-	-	-	-	68.2	-7.24	217	220	H
10.538	43.07	PK-U	37.7	-22.8	0	57.97	-	-	-	-	68.2	-10.23	223	270	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	60Hz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 10.619	32.53	PK	37.8	-22.2	0	48.13	-	-	74	-25.87	-	-	0-360	250	H
3	* 15.923	25.71	PK	40.6	-21	0	45.31	-	-	74	-28.69	-	-	0-360	150	H
5	7.136	29.85	PK	35.8	-27.9	0	37.75	-	-	-	-	68.2	-30.45	0-360	250	H
2	* 10.621	30.52	PK	37.8	-22.2	0	46.12	-	-	74	-27.88	-	-	0-360	250	V
4	* 15.928	25.73	PK	40.6	-21.1	0	45.23	-	-	74	-28.77	-	-	0-360	150	V
6	7.12	29.67	PK	35.8	-27.8	0	37.67	-	-	-	-	68.2	-30.53	0-360	150	V

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

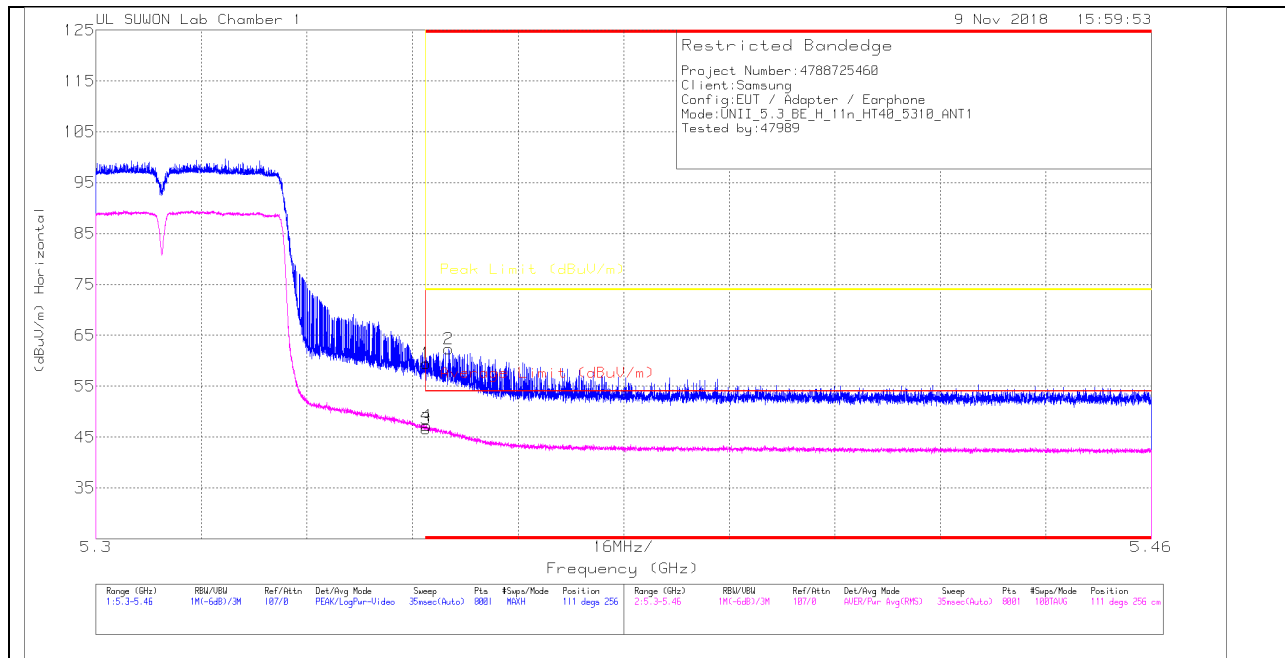
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	60Hz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.62	45.53	PK-U	37.8	-22.2	0	61.13	-	-	74	-12.87	-	-	219	236	H
* 10.62	31.86	ADR	37.8	-22.2	0	47.46	54	-6.54	-	-	-	-	219	236	H
* 10.617	42.81	PK-U	37.8	-22.2	0	58.41	-	-	74	-15.59	-	-	227	303	V
* 10.62	28.94	ADR	37.8	-22.2	0	44.54	54	-9.46	-	-	-	-	227	303	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

11.2.8.TX ABOVE 1GHz 802.11n HT40 1Tx ANT1 IN THE 5.3GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

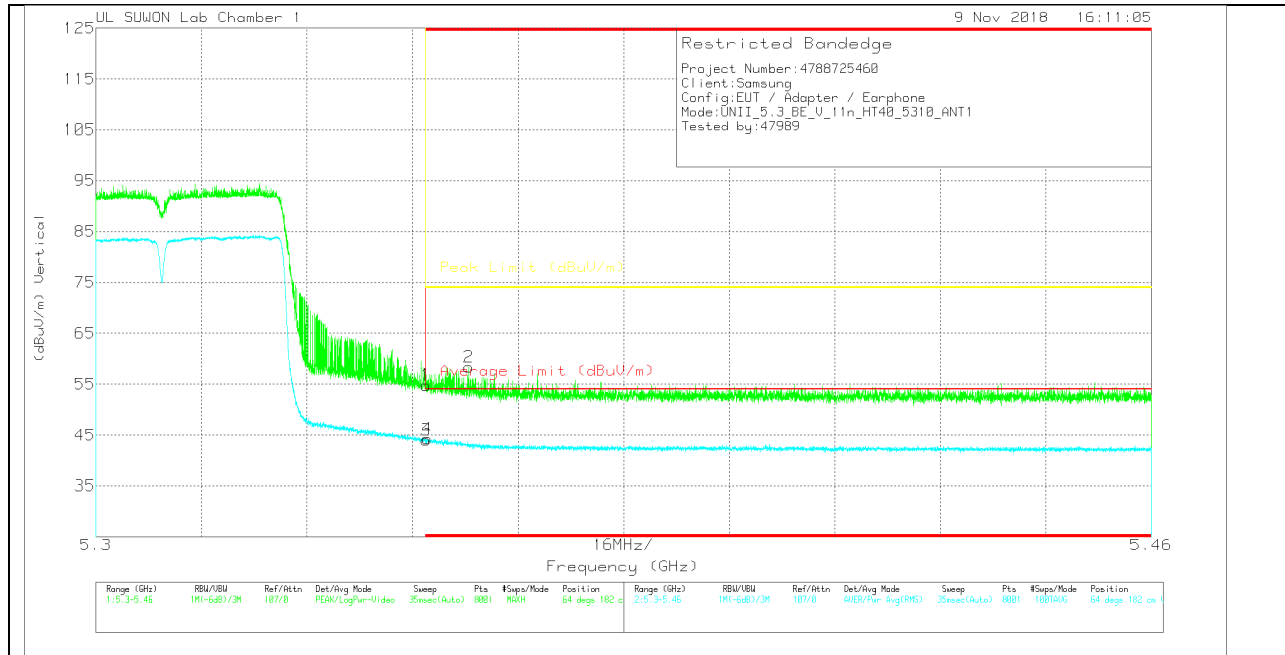
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.39	Pk	34.7	-21.6	0	59.49	-	-	74	-14.51	111	256	H
2	* 5.353	49.2	Pk	34.7	-21.6	0	62.3	-	-	74	-11.7	111	256	H
3	* 5.35	33.65	RMS	34.7	-21.7	0	46.65	54	-7.35	-	-	111	256	H
4	* 5.35	34.2	RMS	34.7	-21.7	0	47.2	54	-6.8	-	-	111	256	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	* 5.35	41.74	Pk	34.7	-21.6	0	54.84	-	-	74	-19.16	64	182	V
2	* 5.357	45.19	Pk	34.7	-21.5	0	58.39	-	-	74	-15.61	64	182	V
3	* 5.35	30.99	RMS	34.7	-21.7	0	43.99	54	-10.01	-	-	64	182	V
4	* 5.35	31.29	RMS	34.7	-21.7	0	44.29	54	-9.71	-	-	64	182	V

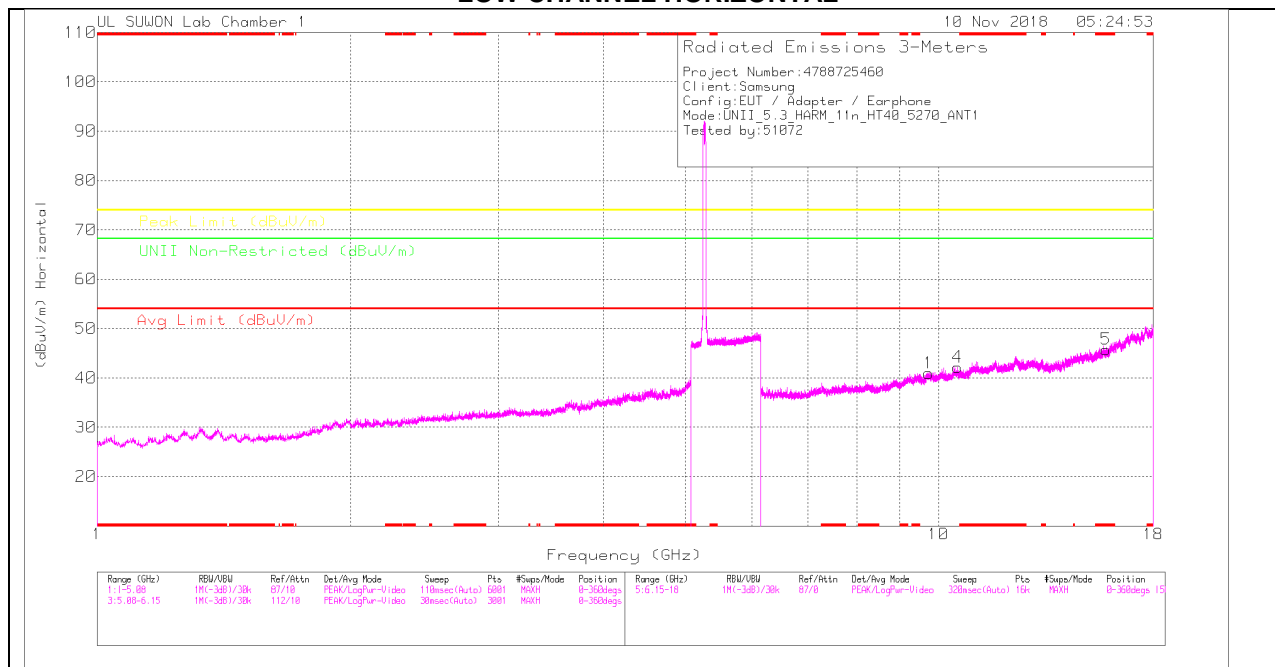
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

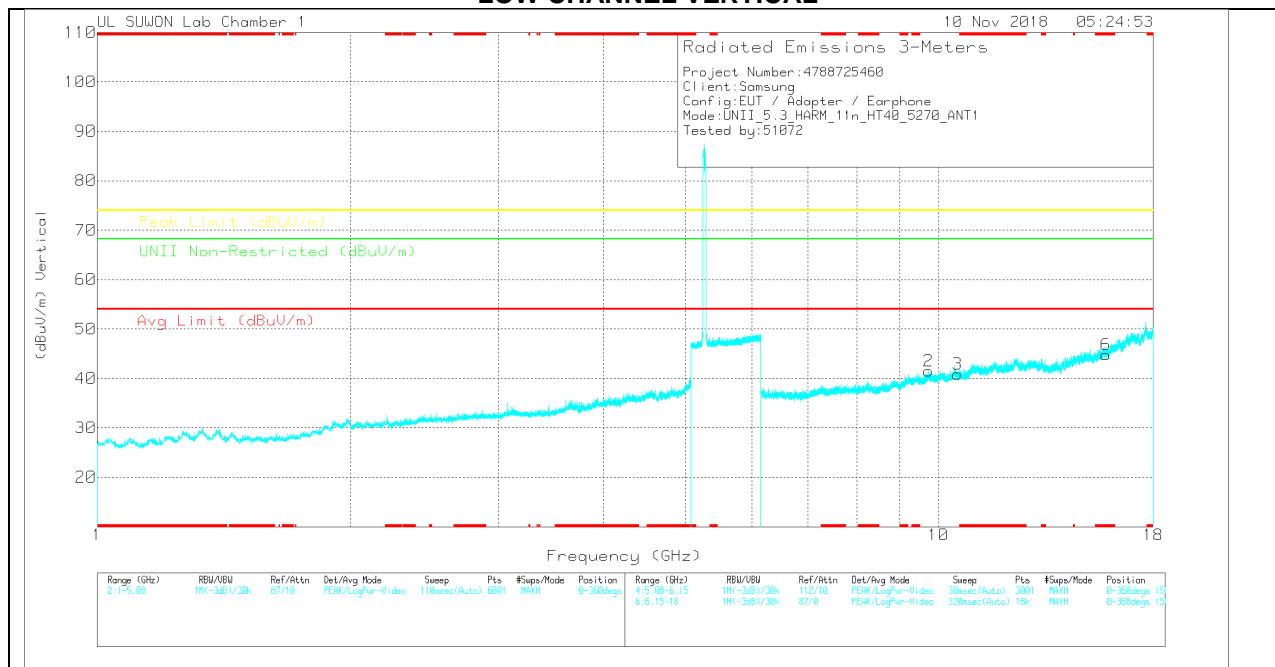
RMS - RMS detection

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.732	26.85	PK	37.2	-23.1	0	40.95	-	-	-	-	68.2	-27.25	0-360	250	H
4	10.541	27.17	PK	37.8	-22.8	0	42.17	-	-	-	-	68.2	-26.03	0-360	250	H
5	* 15.811	26.36	PK	40.5	-21.1	0	45.76	-	-	74	-28.24	-	-	0-360	250	H
2	9.731	27.28	PK	37.2	-23	0	41.48	-	-	-	-	68.2	-26.72	0-360	150	V
3	10.541	25.87	PK	37.8	-22.8	0	40.87	-	-	-	-	68.2	-27.33	0-360	250	V
6	* 15.81	25.38	PK	40.5	-21.1	0	44.78	-	-	74	-29.22	-	-	0-360	250	V

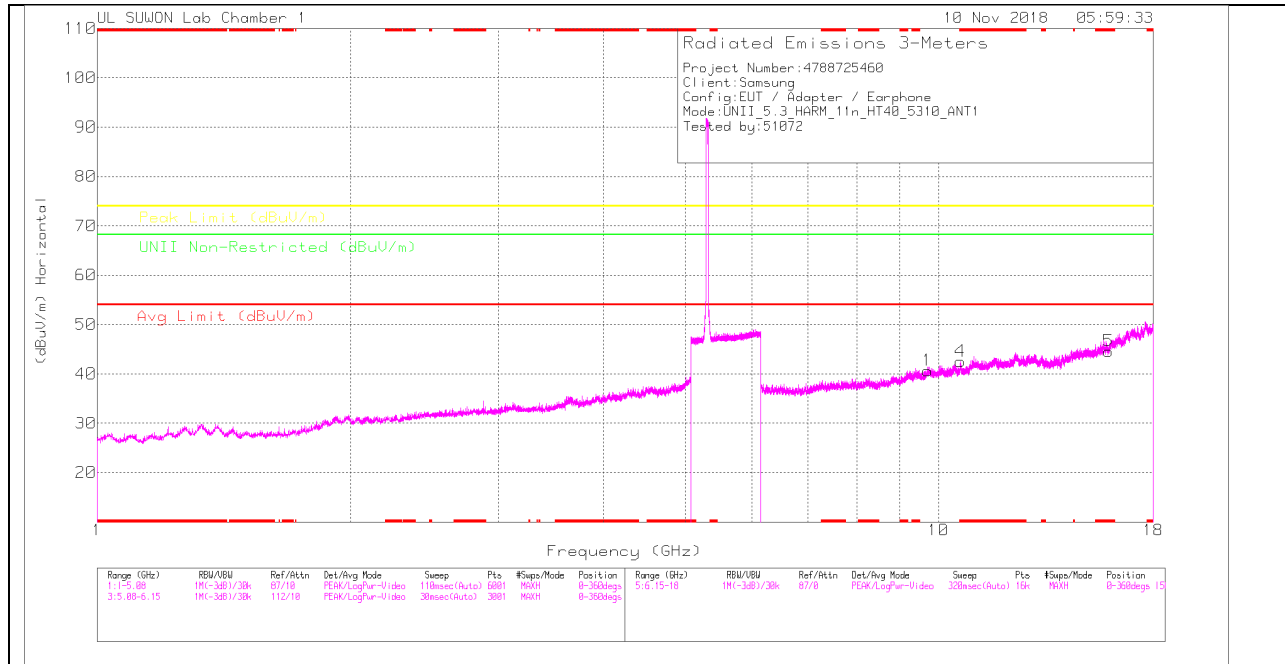
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

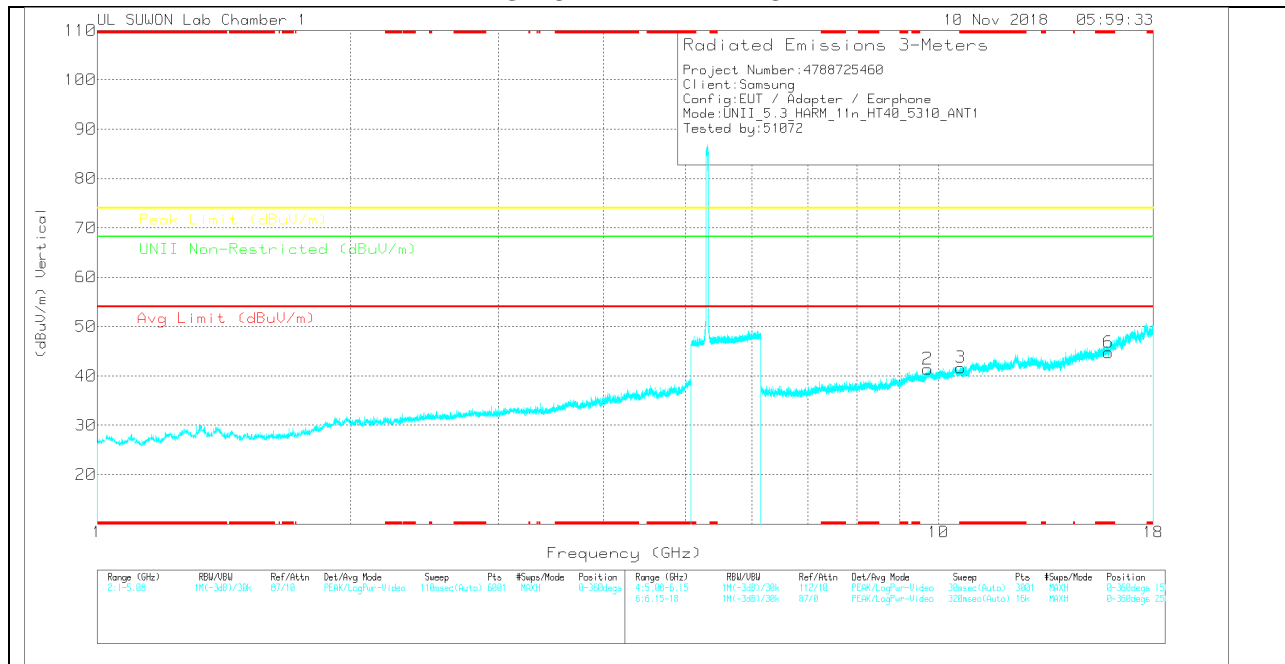
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.54	36.78	PK-U	37.7	-22.8	0	51.68	-	-	-	-	68.2	-16.52	151	186	H
10.542	35.82	PK-U	37.8	-22.8	0	50.82	-	-	-	-	68.2	-17.38	78	269	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.