

LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	41.1	Avg	23.8	-33.6	0	31.3	54	-22.7	-	-	-	-	0-360	100	V
2	* 1.512	40.09	Avg	24.6	-33.5	0	31.19	54	-22.81	-	-	-	-	0-360	100	V
3	* 2.229	37.03	Avg	27.6	-32.2	0	32.43	54	-21.57	-	-	-	-	0-360	100	V
4	3.024	34.07	Avg	28.8	-31.2	0	31.67	-	-	-	-	-	-	0-360	200	V
5	10.38	29.89	Avg	38.3	-21.2	0	46.99	-	-	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

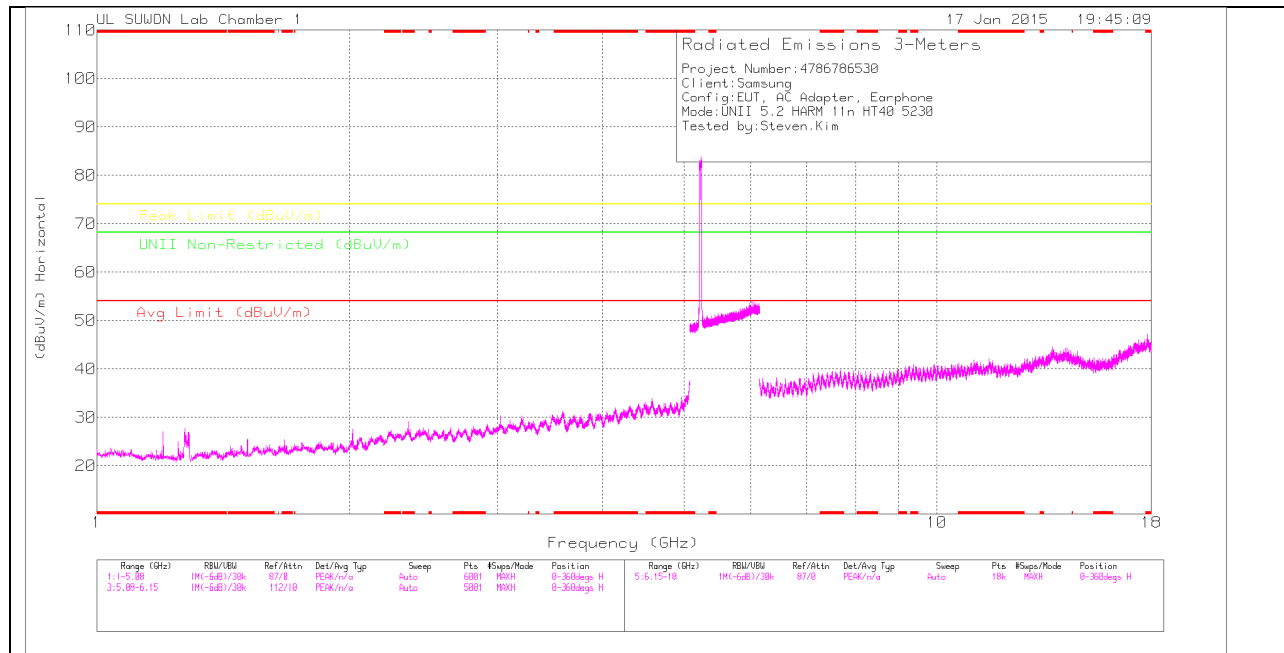
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.38	36.09	PK1	38.3	-21.2	0	53.19	-	-	-	-	68.2	-15.01	332	103	V
10.38	28.43	AD1	38.3	-21.2	0	45.53	-	-	-	-	-	-	332	103	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

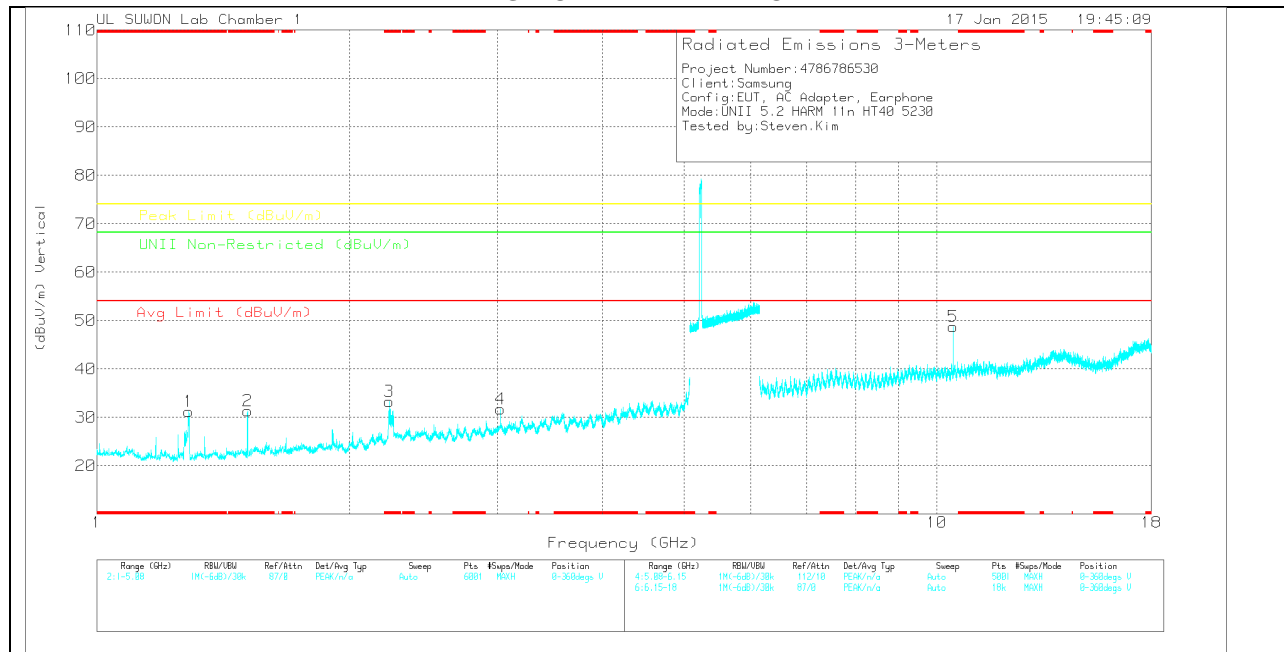
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	40.94	Avg	23.8	-33.6	0	31.14	54	-22.86	-	-	-	-	0-360	100	V
2	* 1.512	40.28	Avg	24.6	-33.5	0	31.38	54	-22.62	-	-	-	-	0-360	100	V
3	* 2.229	37.89	Avg	27.6	-32.2	0	33.29	54	-20.71	-	-	-	-	0-360	100	V
4	3.024	34.17	Avg	28.8	-31.2	0	31.77	-	-	-	-	-	-	0-360	200	V
5	10.46	31.77	Avg	38.4	-21.5	0	48.67	-	-	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.46	35.81	PK1	38.4	-21.5	0	52.71	-	-	-	-	68.2	-15.49	123	275	V
10.46	28.83	AD1	38.4	-21.5	0	45.73	-	-	-	-	-	-	123	275	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

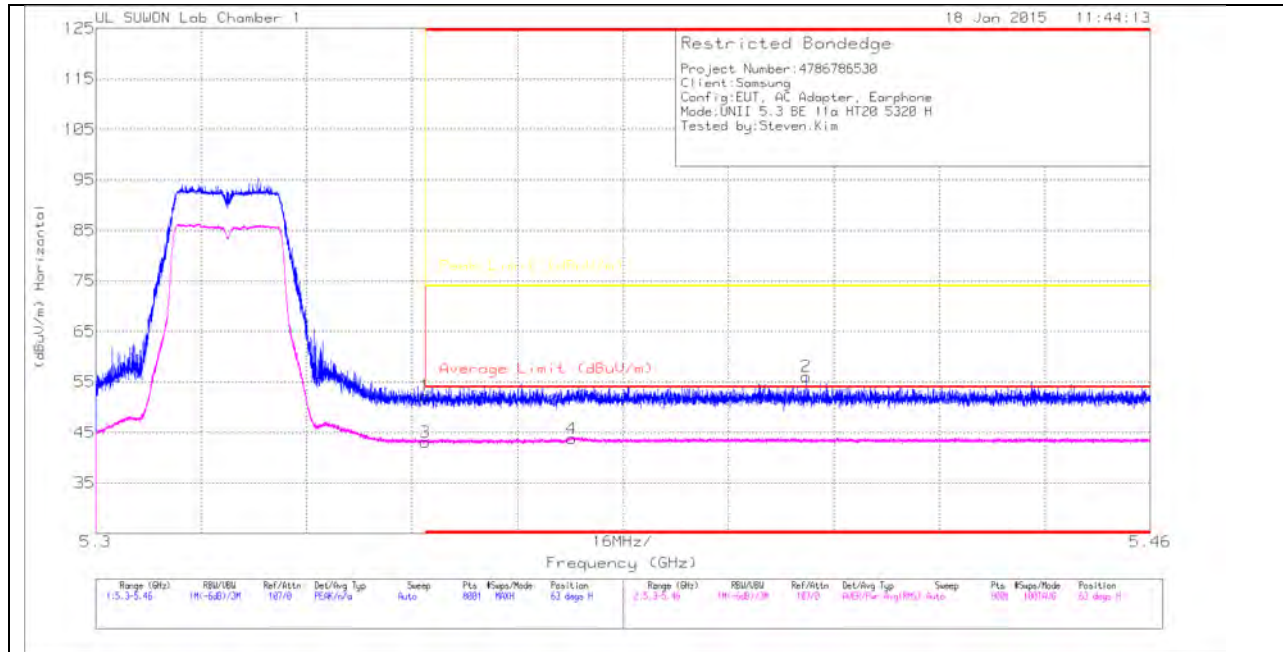
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.2. 5.3 GHz

11.2.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

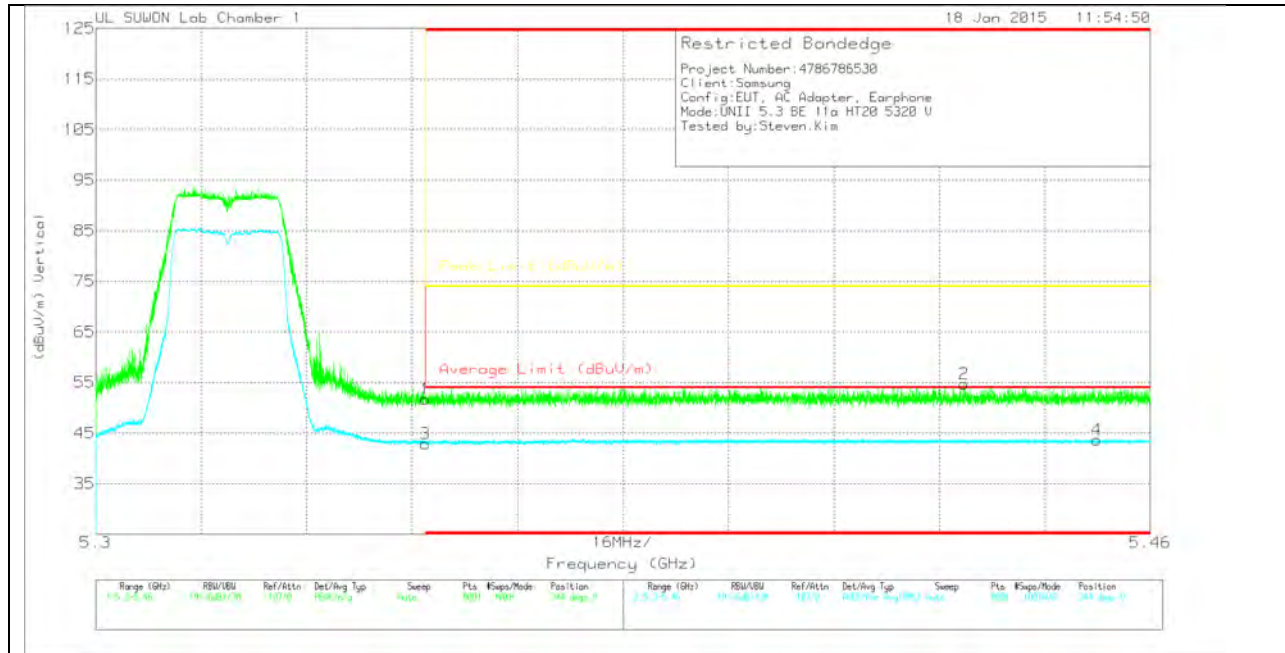
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.1	Pk	33.3	-19.2	0	52.2	-	-	74	-21.8	63	134	H
2	* 5.408	41.74	Pk	33.5	-19.2	0	56.04	-	-	74	-17.96	63	134	H
3	* 5.35	28.99	RMS	33.3	-19.2	.29	43.38	54	-10.62	-	-	63	134	H
4	* 5.372	29.62	RMS	33.4	-19.2	.29	44.11	54	-9.89	-	-	63	134	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	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	37.69	Pk	33.3	-19.2	0	51.79	-	-	74	-22.21	344	374	V
2	* 5.432	40.31	Pk	33.6	-19.2	0	54.71	-	-	74	-19.29	344	374	V
3	* 5.35	28.79	RMS	33.3	-19.2	.29	43.18	54	-10.82	-	-	344	374	V
4	* 5.452	29.32	RMS	33.6	-19.2	.29	44.01	54	-9.99	-	-	344	374	V

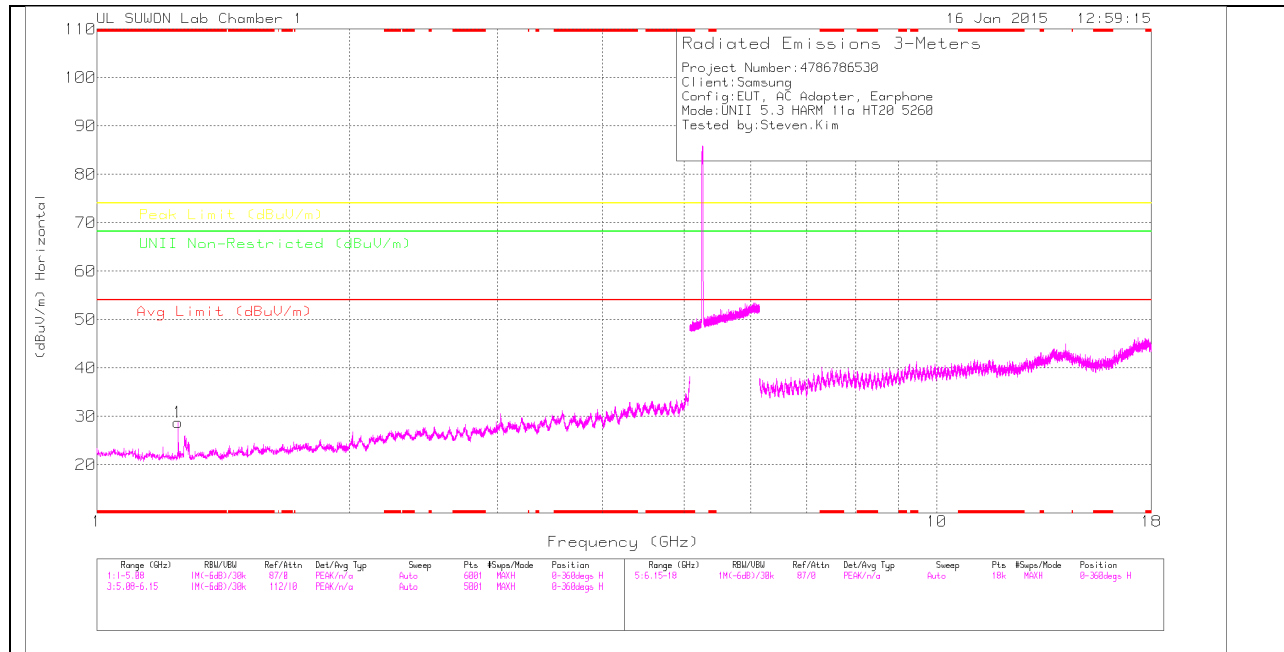
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

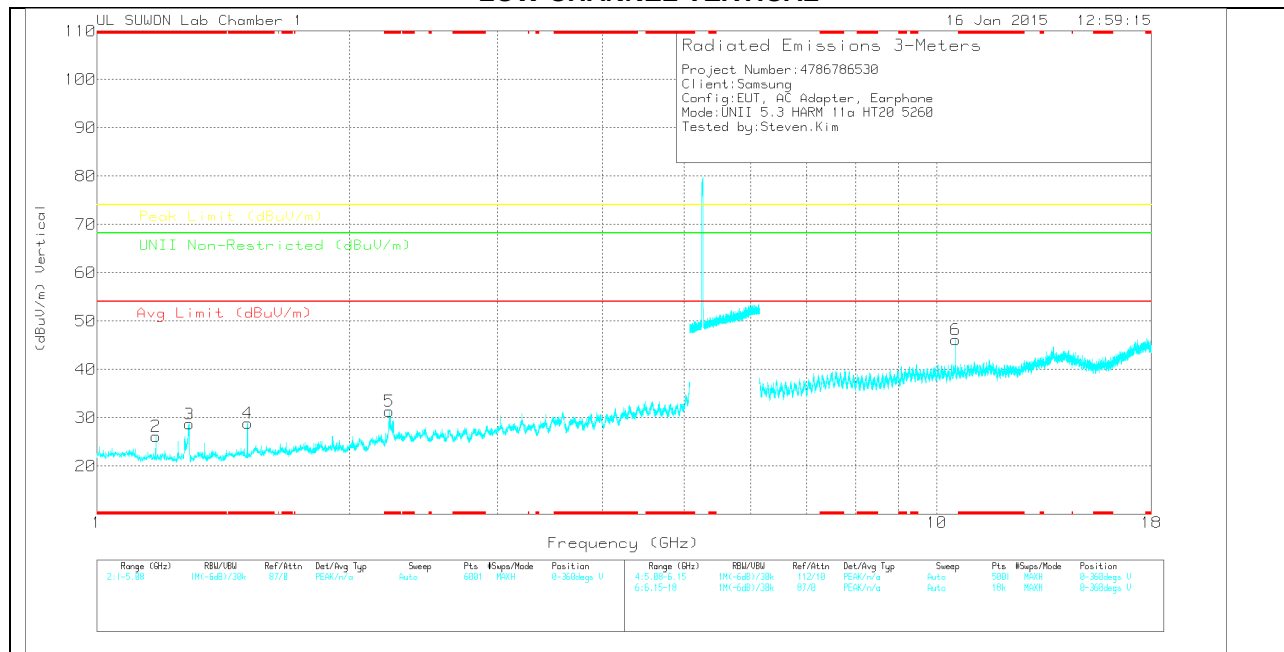
RMS - RMS detection

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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	39.26	Avg	23.6	-34.1	0	28.76	54	-25.24	-	-	-	-	0-360	200	H
2	* 1.175	36.65	Avg	23.9	-34.4	0	26.15	54	-27.85	-	-	-	-	0-360	200	V
3	* 1.288	38.47	Avg	23.8	-33.6	0	28.67	54	-25.33	-	-	-	-	0-360	200	V
4	* 1.512	37.75	Avg	24.6	-33.5	0	28.85	54	-25.15	-	-	-	-	0-360	200	V
5	* 2.229	35.87	Avg	27.6	-32.2	0	31.27	54	-22.73	-	-	-	-	0-360	200	V
6	10.52	29.29	Avg	38.4	-21.5	0	46.19	-	-	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

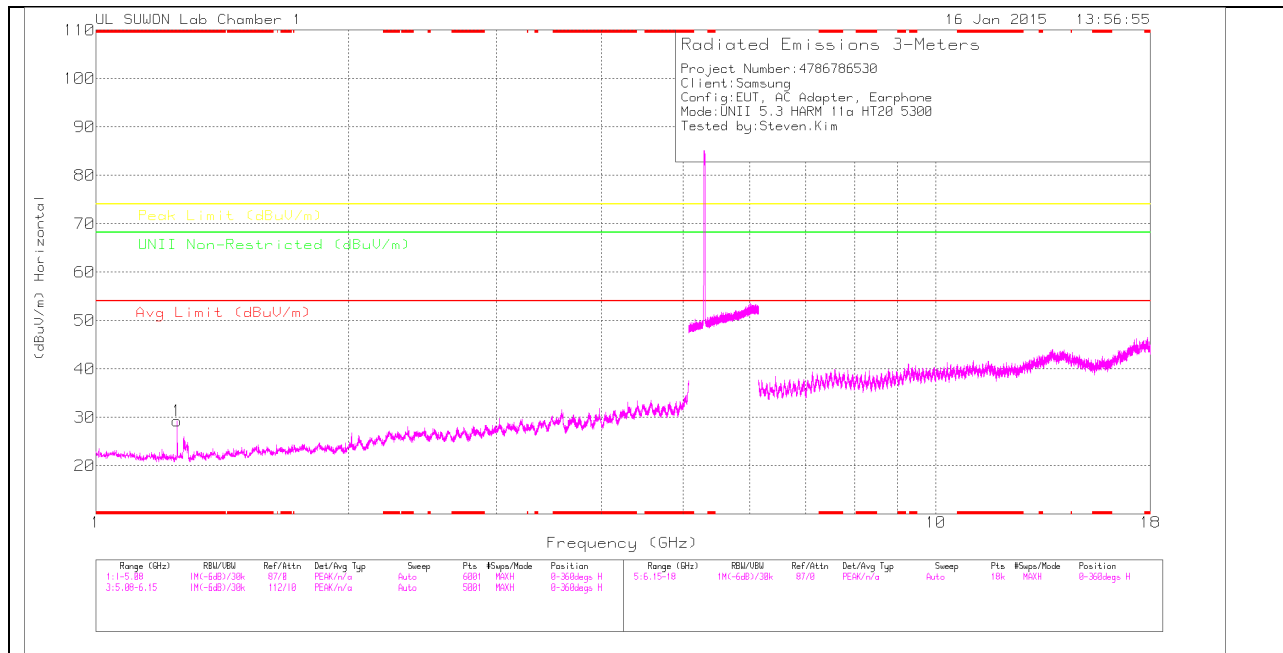
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.52	36.07	PK1	38.4	-21.5	0	52.97	-	-	-	-	68.2	-15.23	306	132	V
10.52	28	AD1	38.4	-21.5	0	44.9	-	-	-	-	-	-	306	132	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

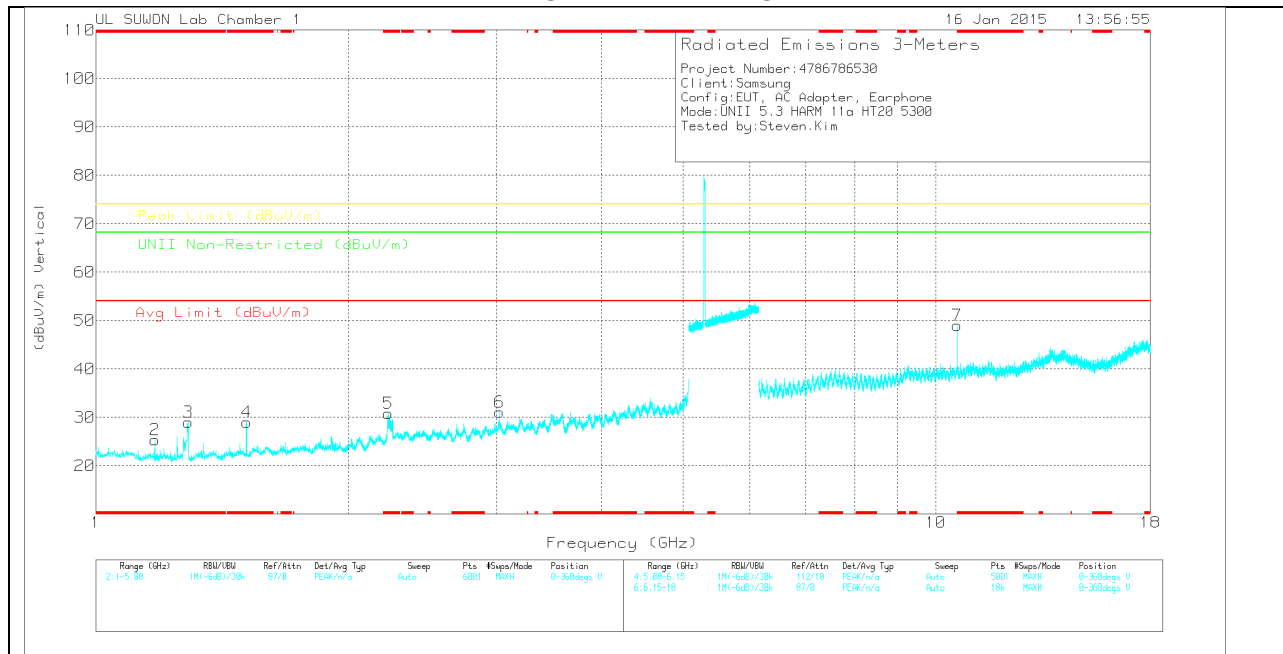
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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

TRACE MARKERS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	39.76	Avg	23.6	-34.1	0	29.26	54	-24.74	-	-	-	-	0-360	200	H
2	* 1.175	35.86	Avg	23.9	-34.4	0	25.36	54	-28.64	-	-	-	-	0-360	200	V
3	* 1.288	38.74	Avg	23.8	-33.6	0	28.94	54	-25.06	-	-	-	-	0-360	200	V
4	* 1.512	37.89	Avg	24.6	-33.5	0	28.99	54	-25.01	-	-	-	-	0-360	200	V
5	* 2.229	35.42	Avg	27.6	-32.2	0	30.82	54	-23.18	-	-	-	-	0-360	100	V
6	3.024	33.43	Avg	28.8	-31.2	0	31.03	-	-	-	-	-	-	0-360	200	V
7	* 10.6	31.57	Avg	38.4	-21	0	48.97	54	-5.03	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

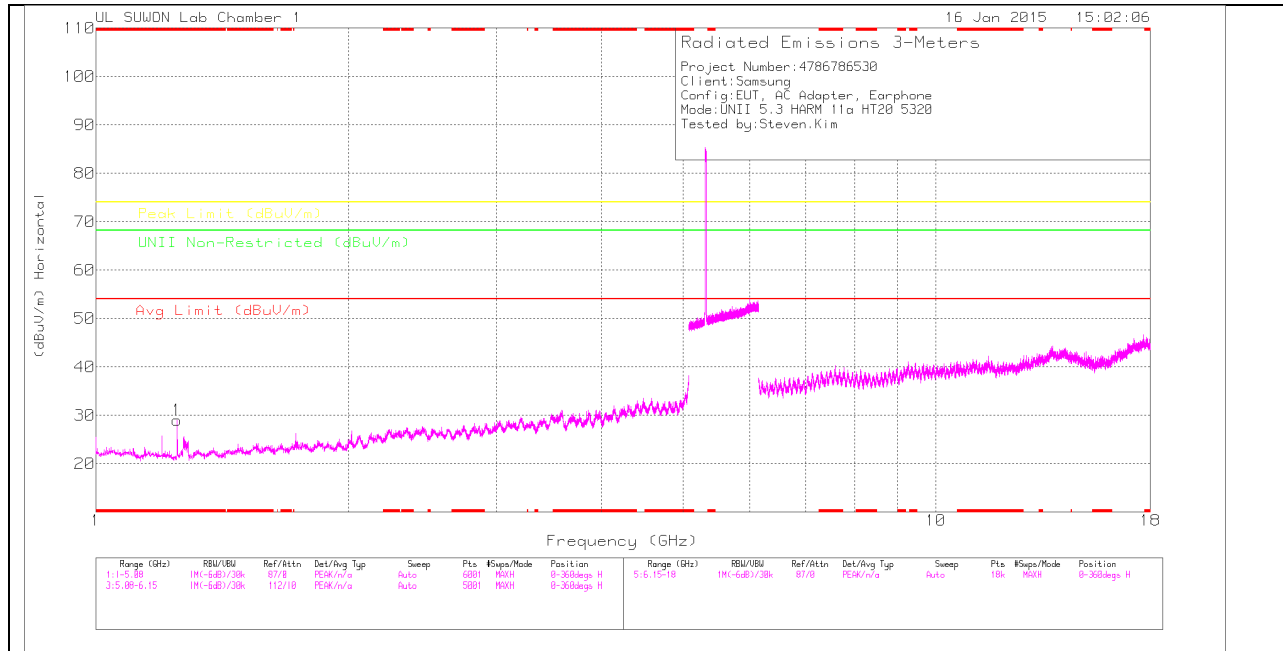
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.52	36.07	PK1	38.4	-21.5	0	52.97	-	-	-	-	68.2	-15.23	306	132	V
10.52	28	AD1	38.4	-21.5	0	44.9	-	-	-	-	-	-	306	132	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

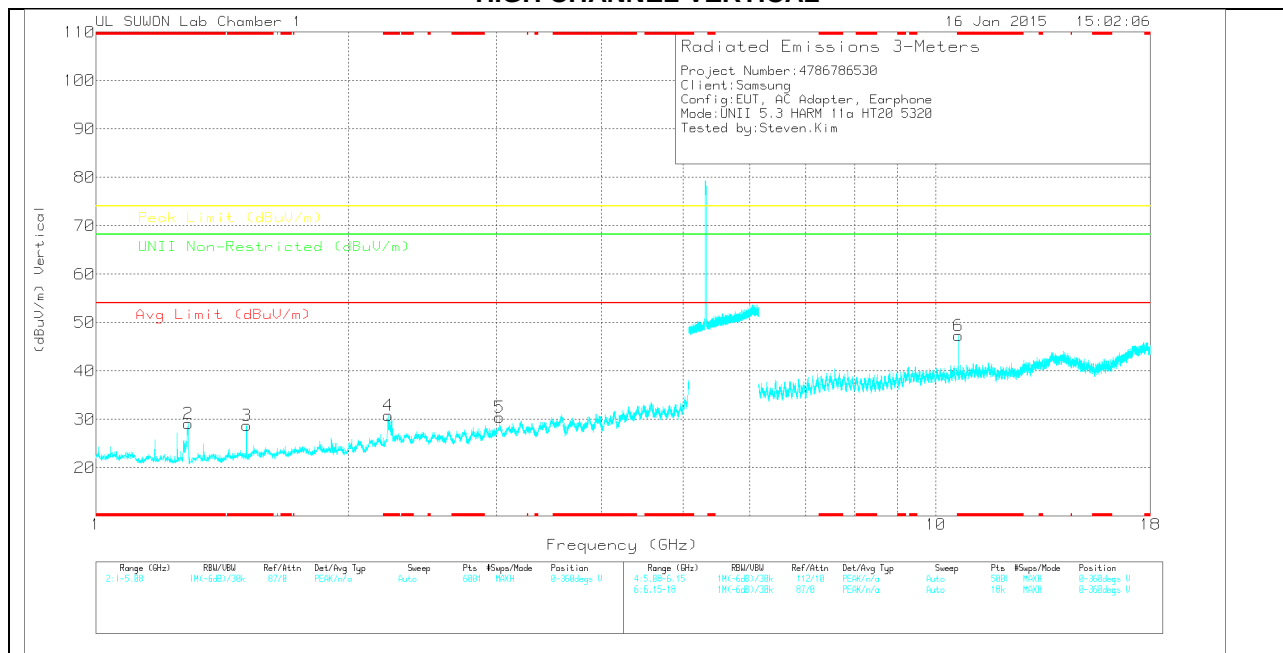
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	39.5	Avg	23.6	-34.1	0	29	54	-25	-	-	-	-	0-360	200	H
2	* 1.288	38.87	Avg	23.8	-33.6	0	29.07	54	-24.93	-	-	-	-	0-360	200	V
3	* 1.512	37.59	Avg	24.6	-33.5	0	28.69	54	-25.31	-	-	-	-	0-360	200	V
4	* 2.229	35.43	Avg	27.6	-32.2	0	30.83	54	-23.17	-	-	-	-	0-360	200	V
5	3.024	32.88	Avg	28.8	-31.2	0	30.48	-	-	-	-	-	-	0-360	200	V
6	* 10.64	29.49	Avg	38.5	-20.7	0	47.29	54	-6.71	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.64	29.62	Avg	38.5	-20.7	0	47.42	54	-6.58	-	-	-	-	307	101	V
10.52	28	AD1	38.4	-21.5	0	44.9	-	-	-	-	-	-	306	132	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

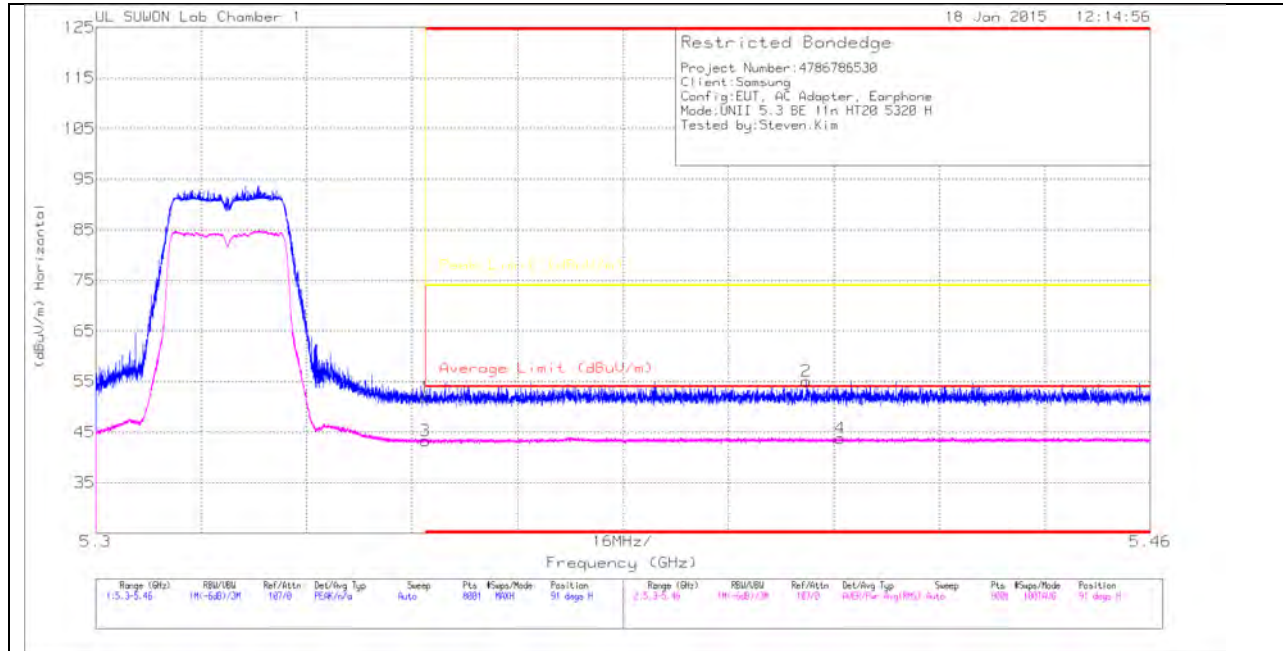
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

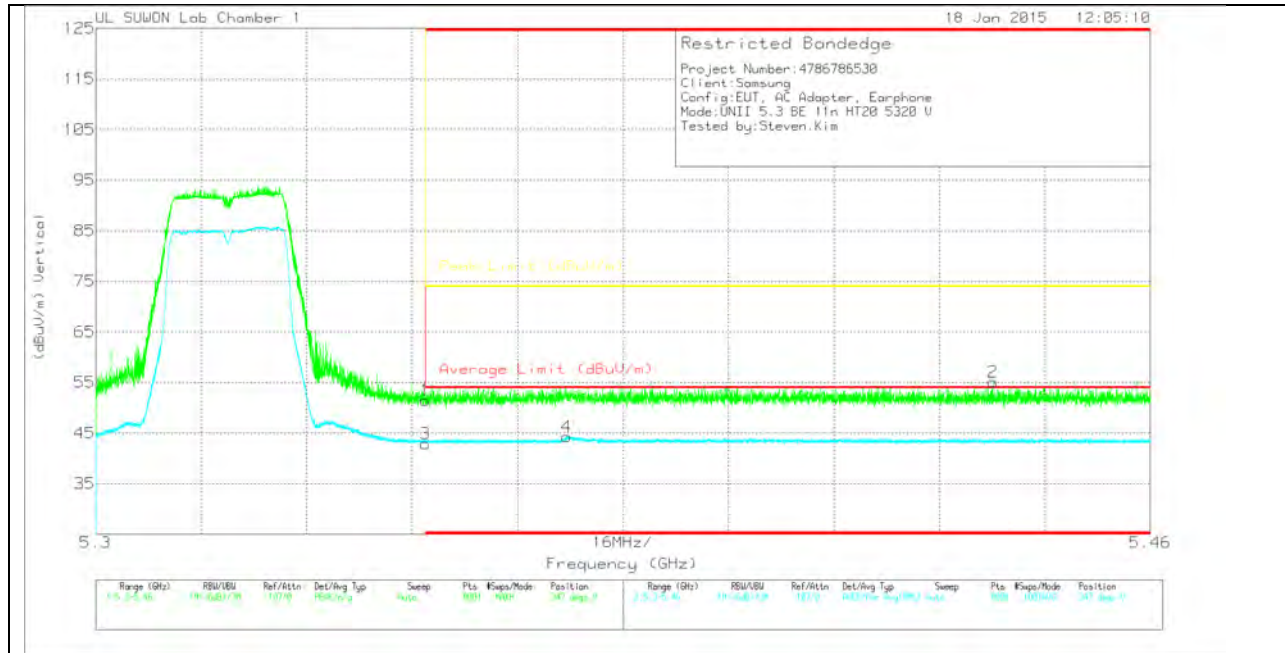
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	37.74	Pk	33.3	-19.2	0	51.84	-	-	74	-22.16	91	109	H
2	* 5.408	40.75	Pk	33.5	-19.2	0	55.05	-	-	74	-18.95	91	109	H
3	* 5.35	29.26	RMS	33.3	-19.2	.32	43.68	54	-10.32	-	-	91	109	H
4	* 5.413	29.52	RMS	33.5	-19.2	.32	44.14	54	-9.86	-	-	91	109	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	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	37.4	Pk	33.3	-19.2	0	51.5	-	-	74	-22.5	347	331	V
2	* 5.436	40.7	Pk	33.6	-19.2	0	55.1	-	-	74	-18.9	347	331	V
3	* 5.35	28.82	RMS	33.3	-19.2	.32	43.24	54	-10.76	-	-	347	331	V
4	* 5.372	30.05	RMS	33.4	-19.2	.32	44.57	54	-9.43	-	-	347	331	V

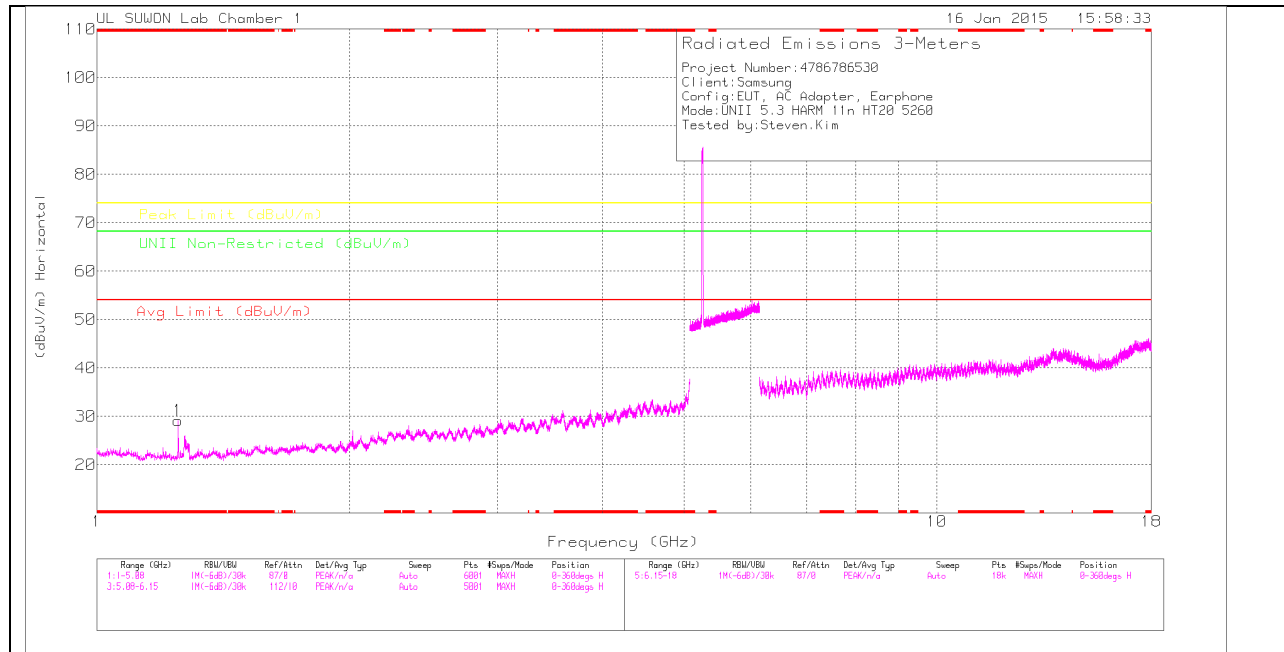
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

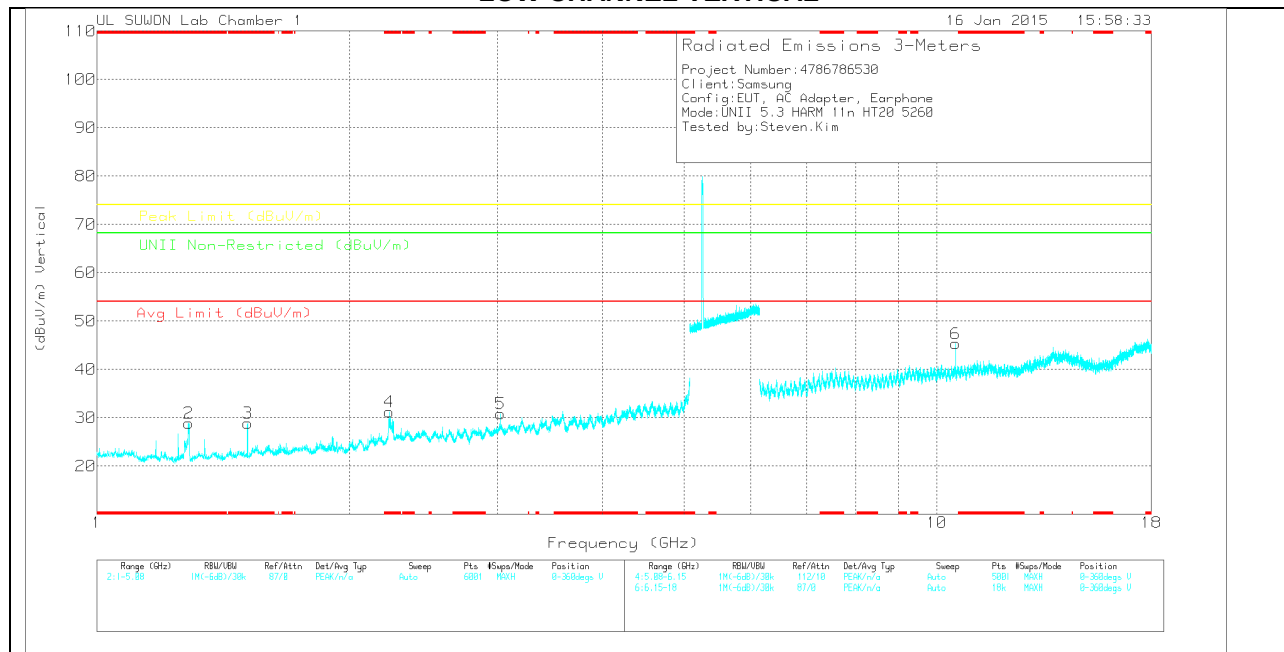
RMS - RMS detection

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	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	39.65	Avg	23.6	-34.1	0	29.15	54	-24.85	-	-	-	-	0-360	200	H
2	* 1.286	38.86	Avg	23.7	-33.7	0	28.86	54	-25.14	-	-	-	-	0-360	200	V
3	* 1.512	37.75	Avg	24.6	-33.5	0	28.85	54	-25.15	-	-	-	-	0-360	200	V
4	* 2.229	35.75	Avg	27.6	-32.2	0	31.15	54	-22.85	-	-	-	-	0-360	200	V
5	3.024	33.18	Avg	28.8	-31.2	0	30.78	-	-	-	-	-	-	0-360	200	V
6	10.52	28.39	Avg	38.4	-21.5	0	45.29	-	-	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

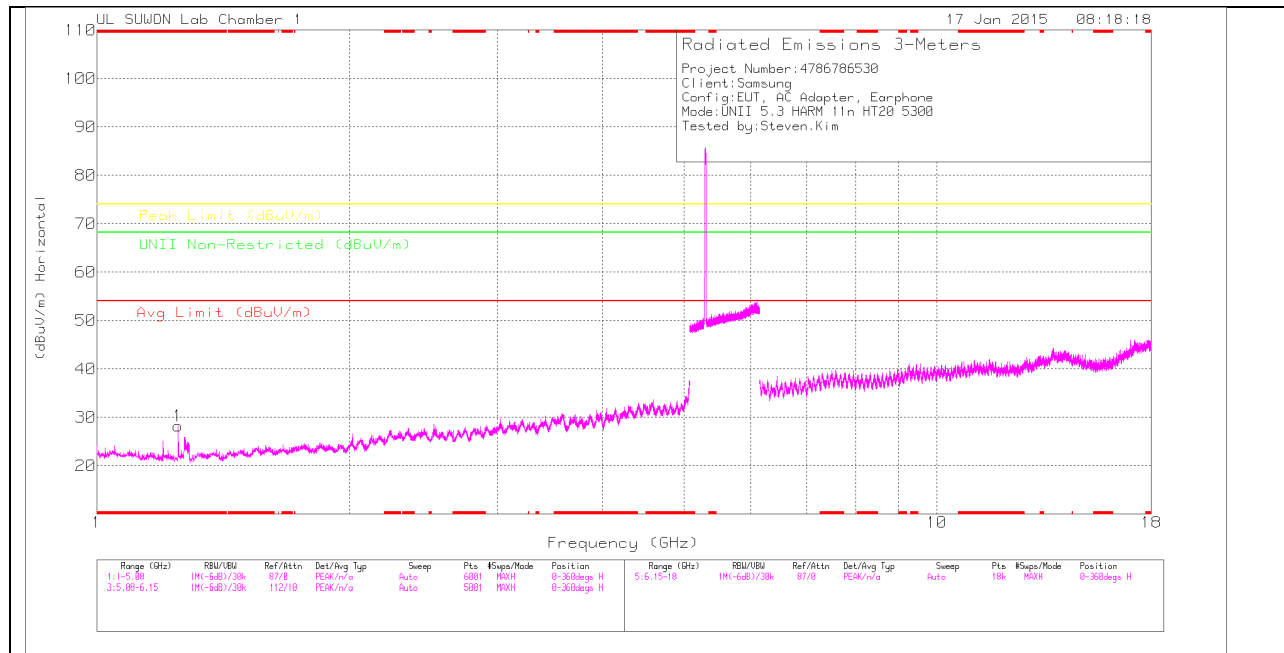
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.52	35.47	PK1	38.4	-21.5	0	52.37	-	-	-	-	68.2	-15.83	127	102	V
10.52	27.36	AD1	38.4	-21.5	0	44.26	-	-	-	-	-	-	127	102	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

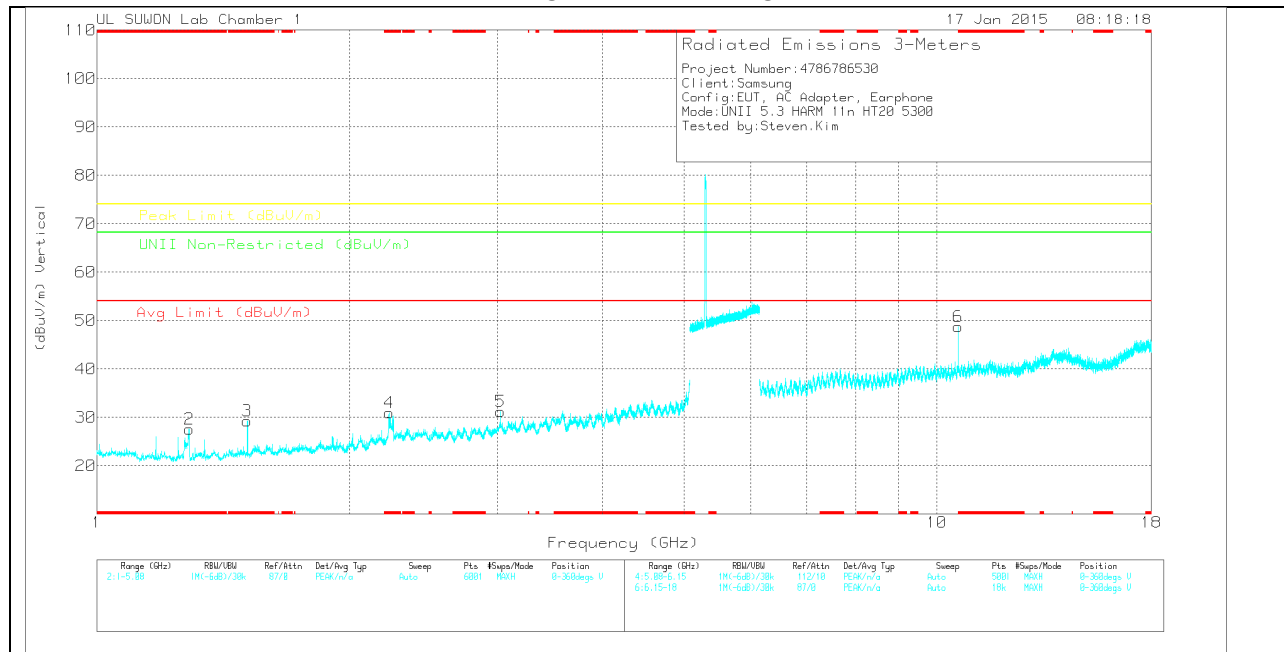
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	38.73	Avg	23.6	-34.1	0	28.23	54	-25.77	-	-	-	-	0-360	200	H
2	* 1.288	37.4	Avg	23.8	-33.6	0	27.6	54	-26.4	-	-	-	-	0-360	200	V
3	* 1.511	38.16	Avg	24.6	-33.5	0	29.26	54	-24.74	-	-	-	-	0-360	200	V
4	* 2.229	35.51	Avg	27.6	-32.2	0	30.91	54	-23.09	-	-	-	-	0-360	200	V
5	3.024	33.63	Avg	28.8	-31.2	0	31.23	54	-22.77	-	-	-	-	0-360	200	V
6	* 10.6	31.38	Avg	38.4	-21	0	48.78	54	-5.22	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

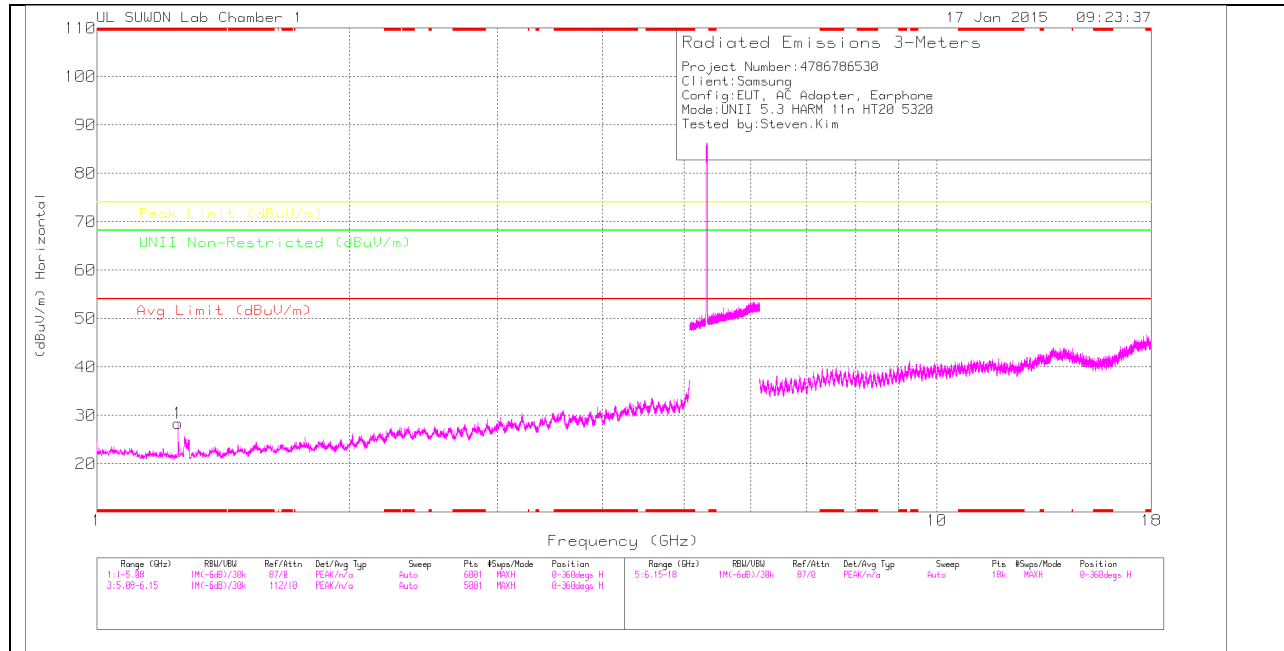
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.6	34.71	PK	38.4	-21	0	52.11	-	-	74	-21.89	-	-	91	329	V
10.52	27.36	AD1	38.4	-21.5	0	44.26	54	-9.74	-	-	-	-	127	102	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

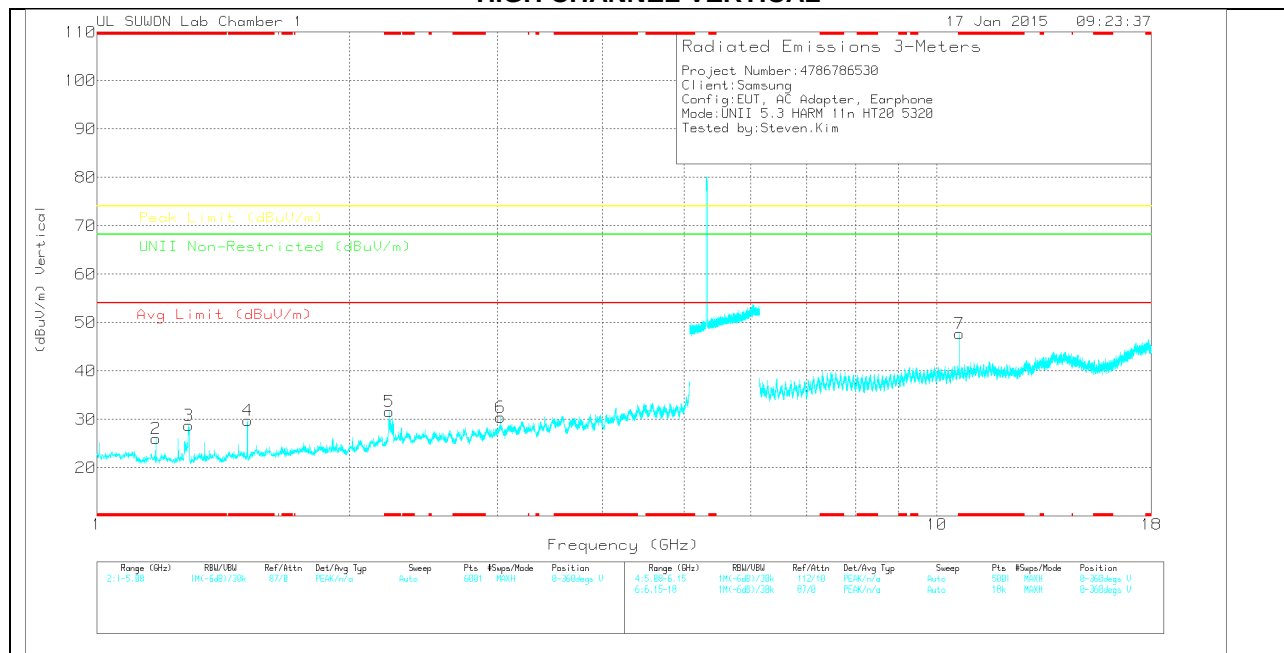
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	38.79	Avg	23.6	-34.1	0	28.29	54	-25.71	-	-	-	-	0-360	200	H
2	* 1.175	36.5	Avg	23.9	-34.4	0	26	54	-28	-	-	-	-	0-360	200	V
3	* 1.286	38.71	Avg	23.7	-33.7	0	28.71	54	-25.29	-	-	-	-	0-360	200	V
4	* 1.512	38.62	Avg	24.6	-33.5	0	29.72	54	-24.28	-	-	-	-	0-360	200	V
5	* 2.229	36.16	Avg	27.6	-32.2	0	31.56	54	-22.44	-	-	-	-	0-360	100	V
6	3.024	32.8	Avg	28.8	-31.2	0	30.4	-	-	-	-	-	-	0-360	200	V
7	* 10.64	29.88	Avg	38.5	-20.7	0	47.68	54	-6.32	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.64	34.03	Pk	38.5	-20.7	0	51.83	-	-	74	-22.17	-	-	309	100	V
10.52	27.36	AD1	38.4	-21.5	0	44.26	-	-	-	-	-	-	127	102	V

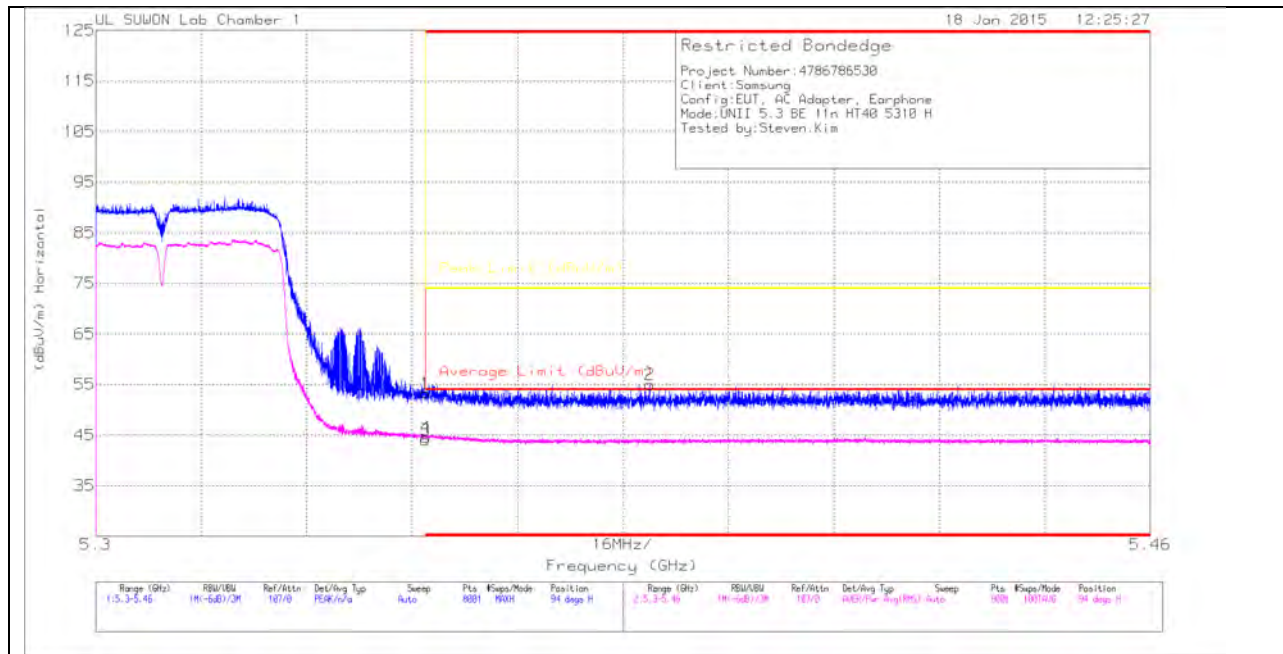
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.2.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

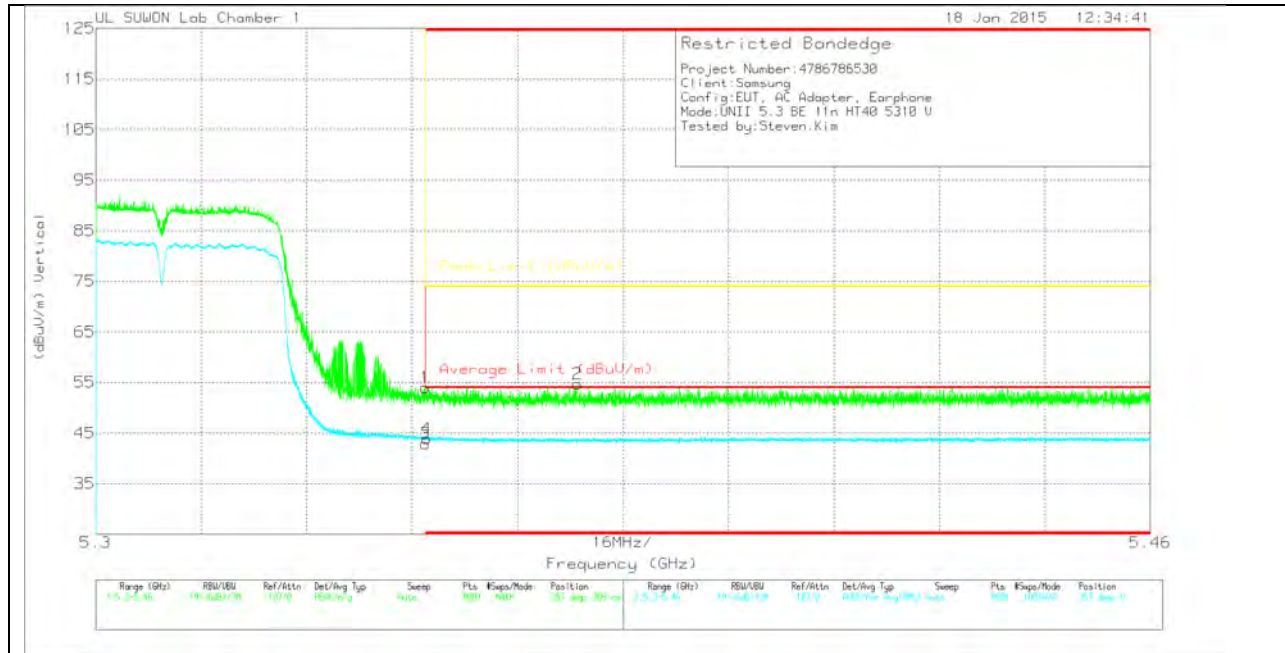
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.2	PK	33.3	-19.2	0	53.3	-	-	74	-20.7	94	160	H
2	* 5.384	40.8	PK	33.4	-19.2	0	55	-	-	74	-19	94	160	H
3	* 5.35	29.97	RMS	33.3	-19.2	.63	44.7	54	-9.3	-	-	94	160	H
4	* 5.35	30.41	RMS	33.3	-19.2	.63	45.14	54	-8.86	-	-	94	160	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	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	39.89	PK	33.3	-19.2	0	53.99	-	-	74	-20.01	357	309	V
2	* 5.373	40.51	PK	33.4	-19.2	0	54.71	-	-	74	-19.29	357	309	V
3	* 5.35	28.89	RMS	33.3	-19.2	.63	43.62	54	-10.38	-	-	357	309	V
4	* 5.35	29.82	RMS	33.3	-19.2	.63	44.55	54	-9.45	-	-	357	309	V

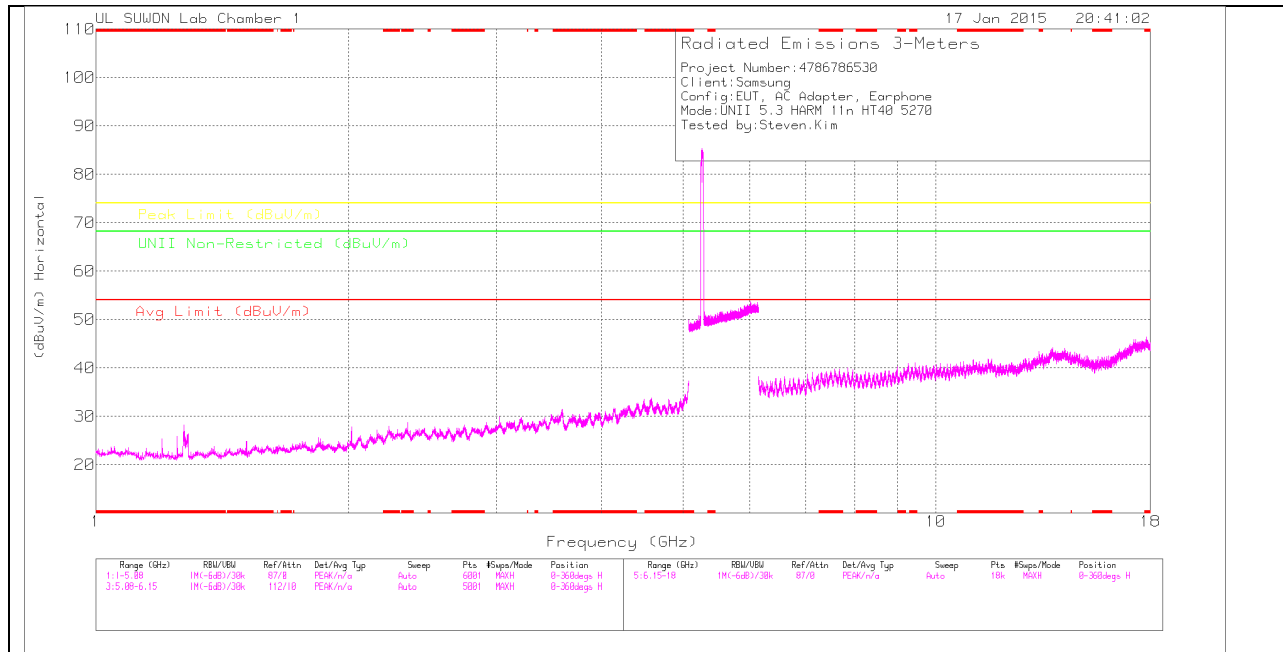
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

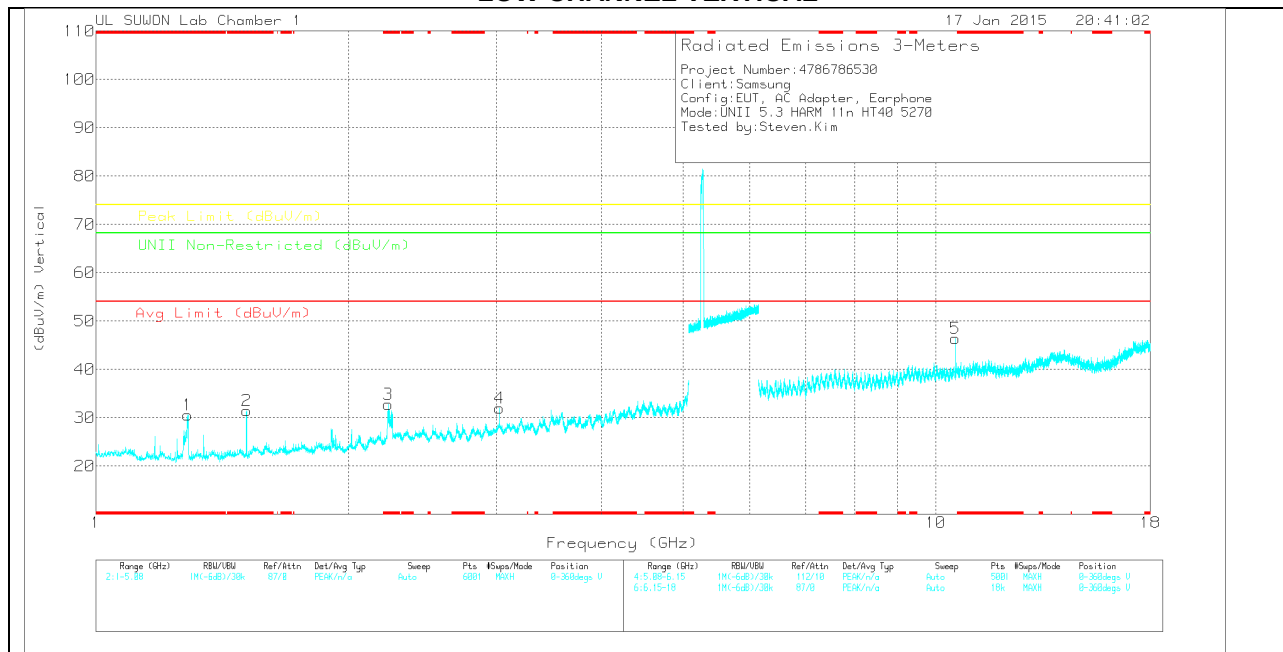
RMS - RMS detection

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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.286	40.57	Avg	23.7	-33.7	0	30.57	54	-23.43	-	-	-	-	0-360	100	V
2	* 1.512	40.35	Avg	24.6	-33.5	0	31.45	54	-22.55	-	-	-	-	0-360	100	V
3	* 2.229	37.42	Avg	27.6	-32.2	0	32.82	54	-21.18	-	-	-	-	0-360	100	V
4	3.024	34.43	Avg	28.8	-31.2	0	32.03	-	-	-	-	-	-	0-360	200	V
5	10.54	29.45	Avg	38.4	-21.4	0	46.45	-	-	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

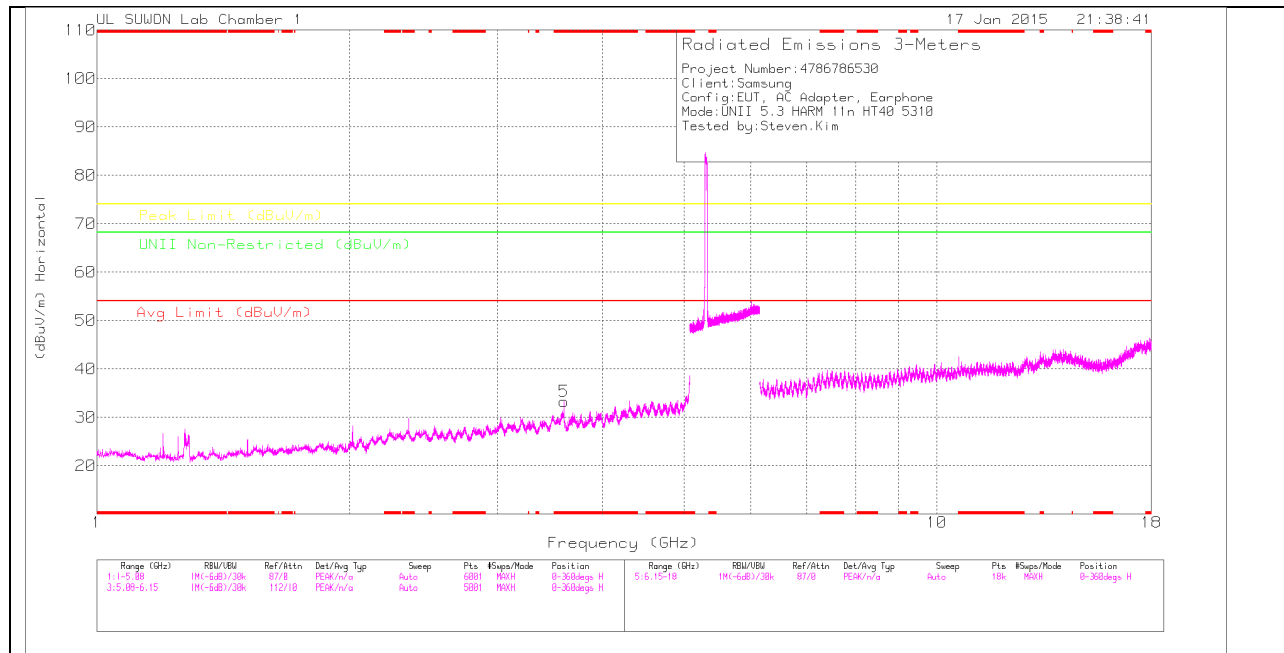
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.54	35.86	PK1	38.4	-21.4	0	52.86	-	-	-	-	68.2	-15.34	125	102	V
10.54	28.67	AD1	38.4	-21.4	0	45.67	-	-	-	-	-	-	125	102	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

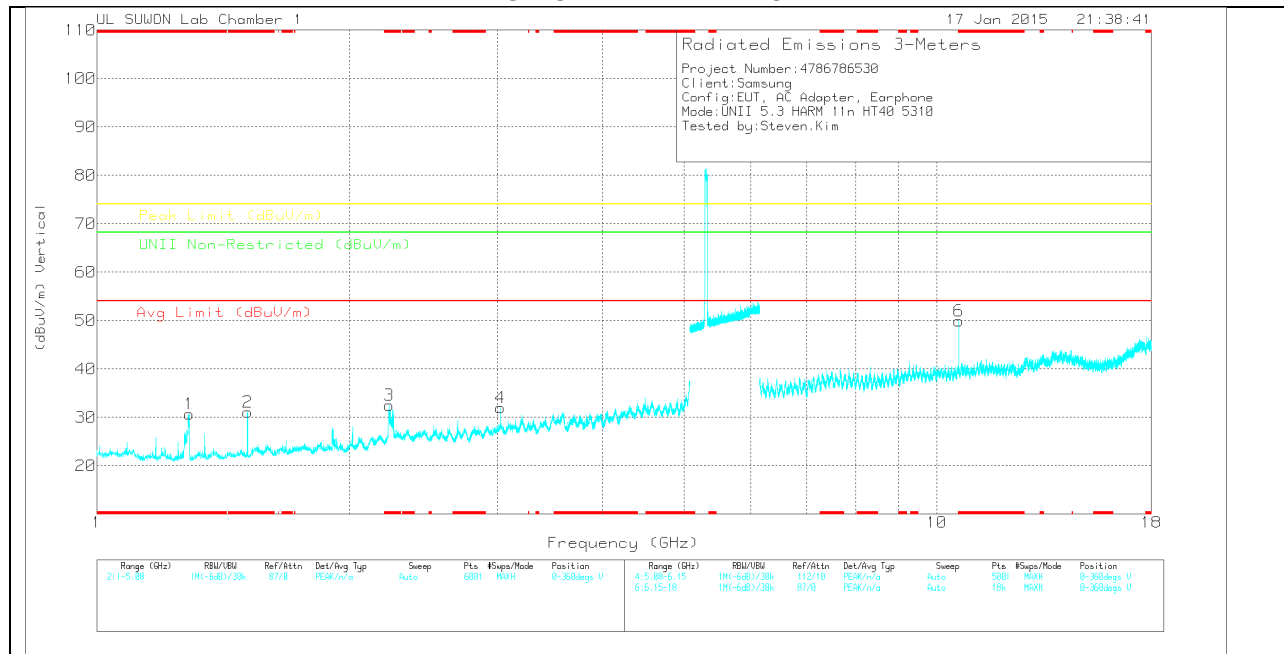
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 3.6	33.24	Avg	29.9	-29.9	0	33.24	54	-20.76	-	-	-	-	0-360	102	H
1	* 1.288	40.51	Avg	23.8	-33.6	0	30.71	54	-23.29	-	-	-	-	0-360	100	V
2	* 1.512	40	Avg	24.6	-33.5	0	31.1	54	-22.9	-	-	-	-	0-360	100	V
3	* 2.23	37.12	Avg	27.6	-32.2	0	32.52	54	-21.48	-	-	-	-	0-360	100	V
4	3.024	34.41	Avg	28.8	-31.2	0	32.01	-	-	-	-	-	-	0-360	200	V
6	* 10.62	32.34	Avg	38.4	-20.8	0	49.94	54	-4.06	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.62	36.73	PK1	38.4	-20.8	0	54.33	-	-	74	-19.67	-	-	304	100	V
* 10.62	31.21	AD1	38.4	-20.8	0	48.81	54	-5.19	-	-	-	-	304	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

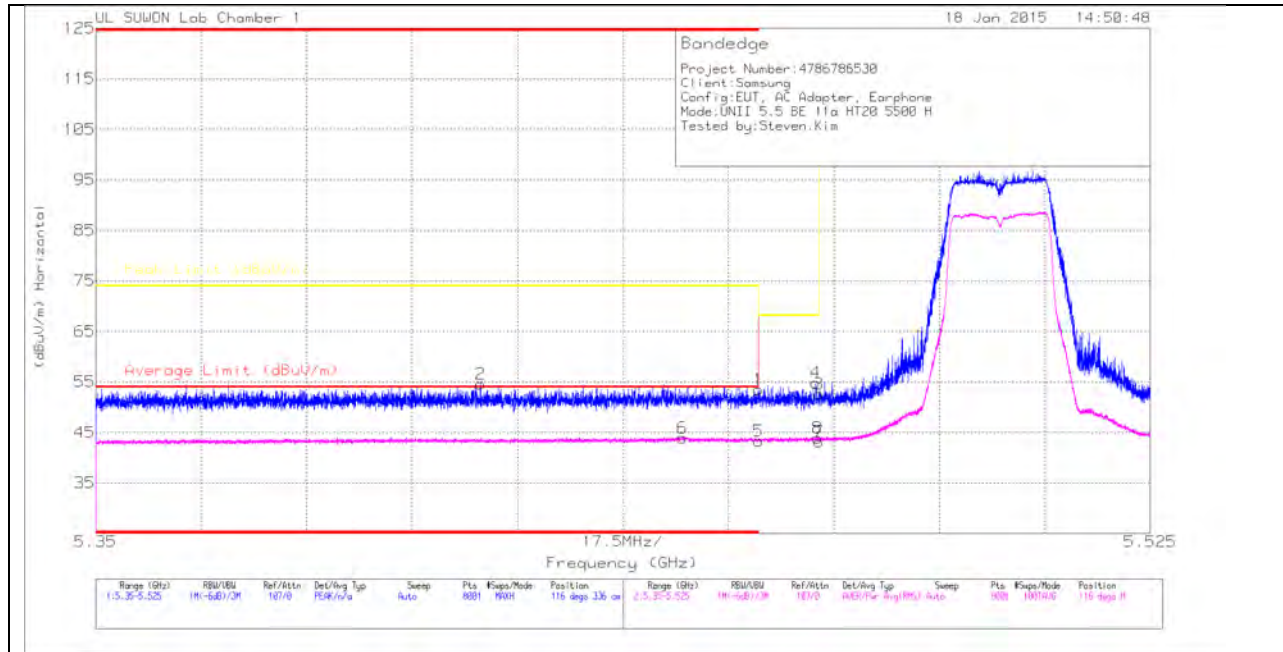
AD1 - KDB789033 Method: AD Primary Power Average

11.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

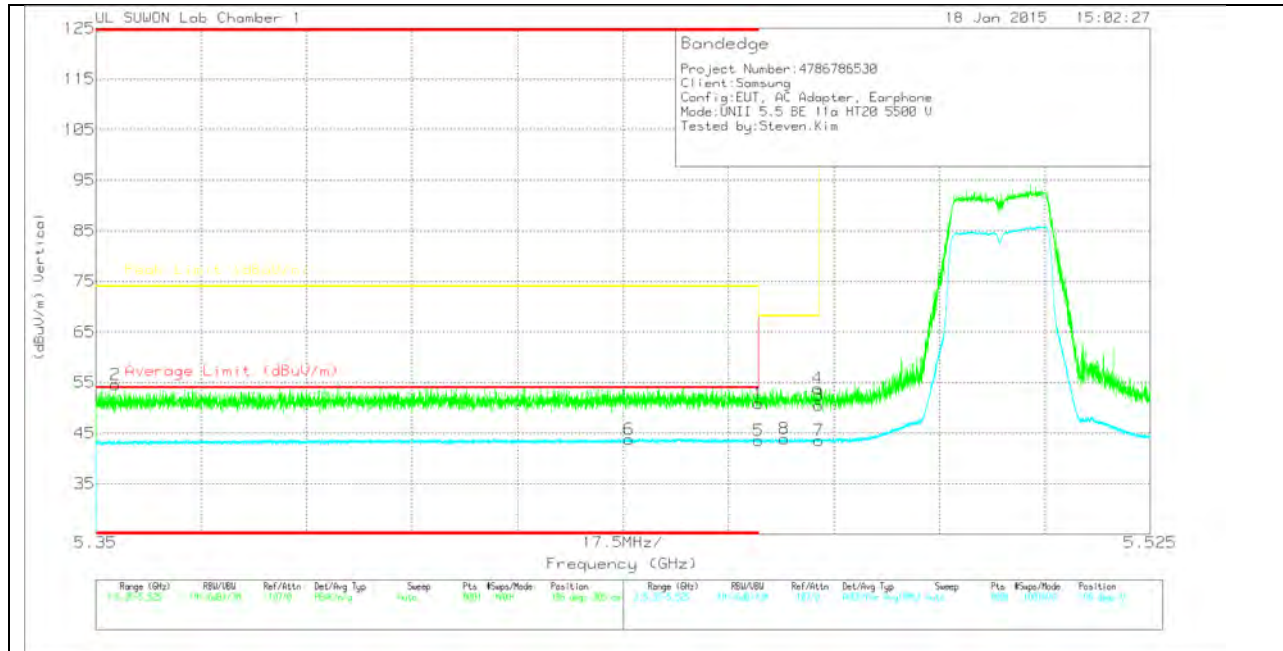
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degr)	Height (cm)	Polarity
1	* 5.46	39.01	Pk	33.7	-19.2	0	53.51	-	-	74	-20.49	116	336	H
2	* 5.414	40.29	Pk	33.5	-19.2	0	54.59	-	-	74	-19.41	116	336	H
3	5.47	38.04	Pk	33.7	-19.1	0	52.64	-	-	68.2	-15.56	116	336	H
4	5.469	40.2	Pk	33.7	-19.1	0	54.8	-	-	68.2	-13.4	116	336	H
5	* 5.46	28.86	RMS	33.7	-19.2	.29	43.65	54	-10.35	-	-	116	336	H
6	* 5.447	29.47	RMS	33.6	-19.2	.29	44.16	54	-9.84	-	-	116	336	H
7	5.47	28.59	RMS	33.7	-19.1	.29	43.48	-	-	-	-	116	336	H
8	5.47	29.3	RMS	33.7	-19.1	.29	44.19	-	-	-	-	116	336	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	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	* 5.46	36.43	Pk	33.7	-19.2	0	50.93	-	-	74	-23.07	186	305	V
2	* 5.353	40.56	Pk	33.3	-19.2	0	54.66	-	-	74	-19.34	186	305	V
3	5.47	35.85	Pk	33.7	-19.1	0	50.45	-	-	68.2	-17.75	186	305	V
4	5.47	39.29	Pk	33.7	-19.1	0	53.89	-	-	68.2	-14.31	186	305	V
5	* 5.46	29.07	RMS	33.7	-19.2	.29	43.86	54	-10.14	-	-	186	305	V
6	* 5.438	29.37	RMS	33.6	-19.2	.29	44.06	54	-9.94	-	-	186	305	V
7	5.47	28.9	RMS	33.7	-19.1	.29	43.79	-	-	-	-	186	305	V
8	5.464	29.37	RMS	33.7	-19.2	.29	44.16	-	-	-	-	186	305	V

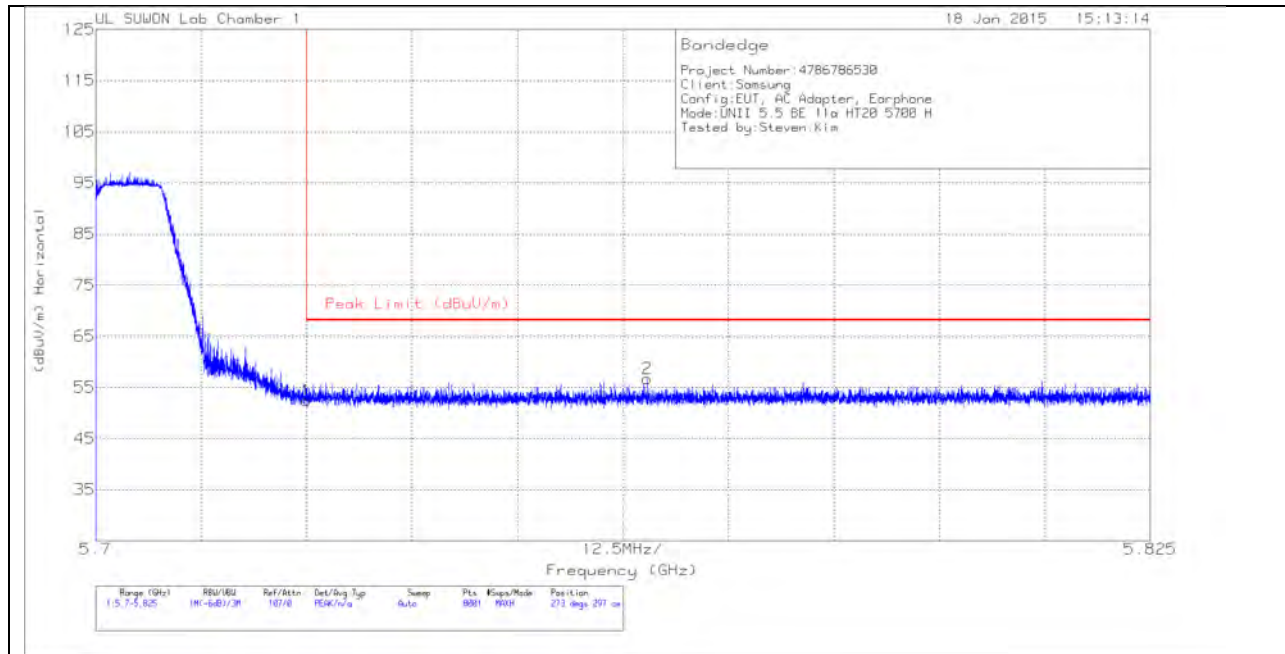
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

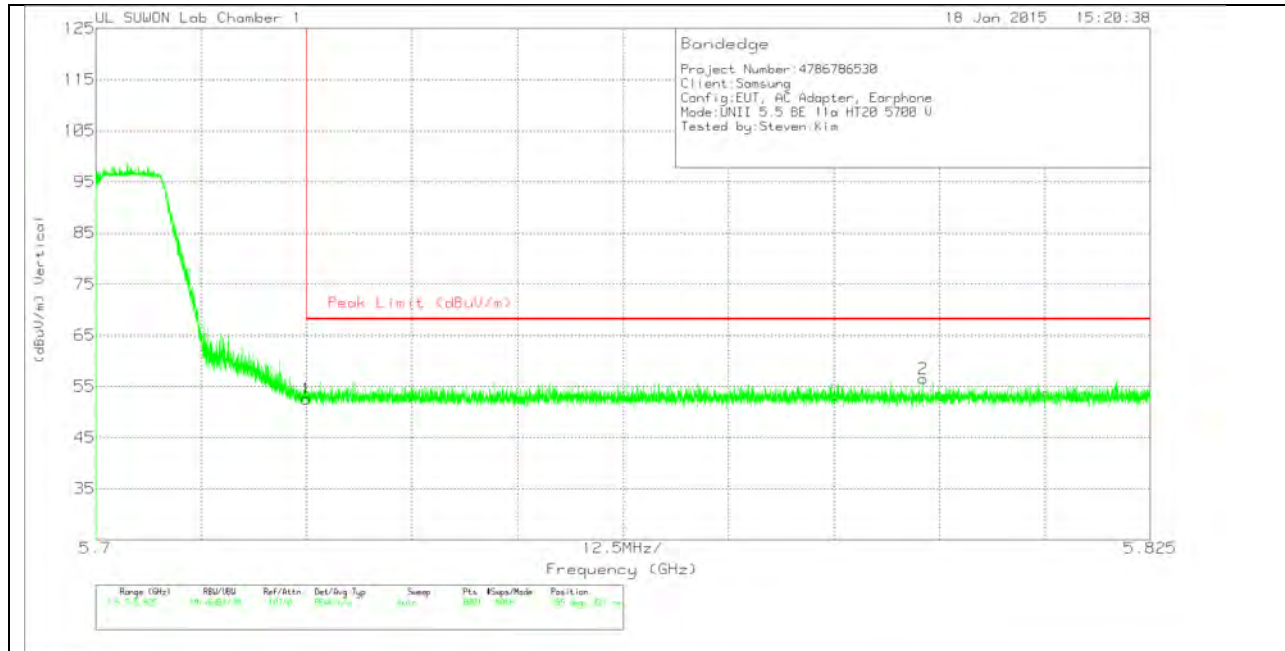
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.95	Pk	34.3	-18.8	0	52.45	68.2	-15.75	273	297	H
2	5.765	41.09	Pk	34.4	-18.8	0	56.69	68.2	-11.51	273	297	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.04	Pk	34.3	-18.8	0	52.54	68.2	-15.66	355	321	V
2	5.798	40.73	Pk	34.6	-18.8	0	56.53	68.2	-11.67	355	321	V

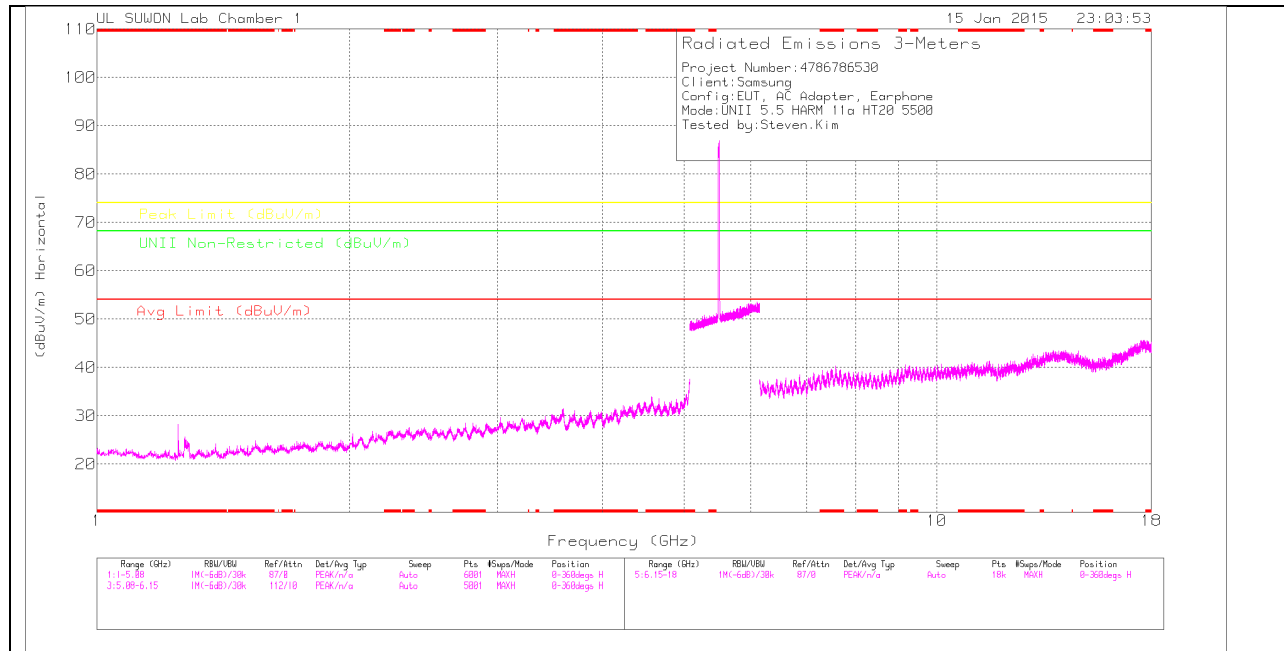
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

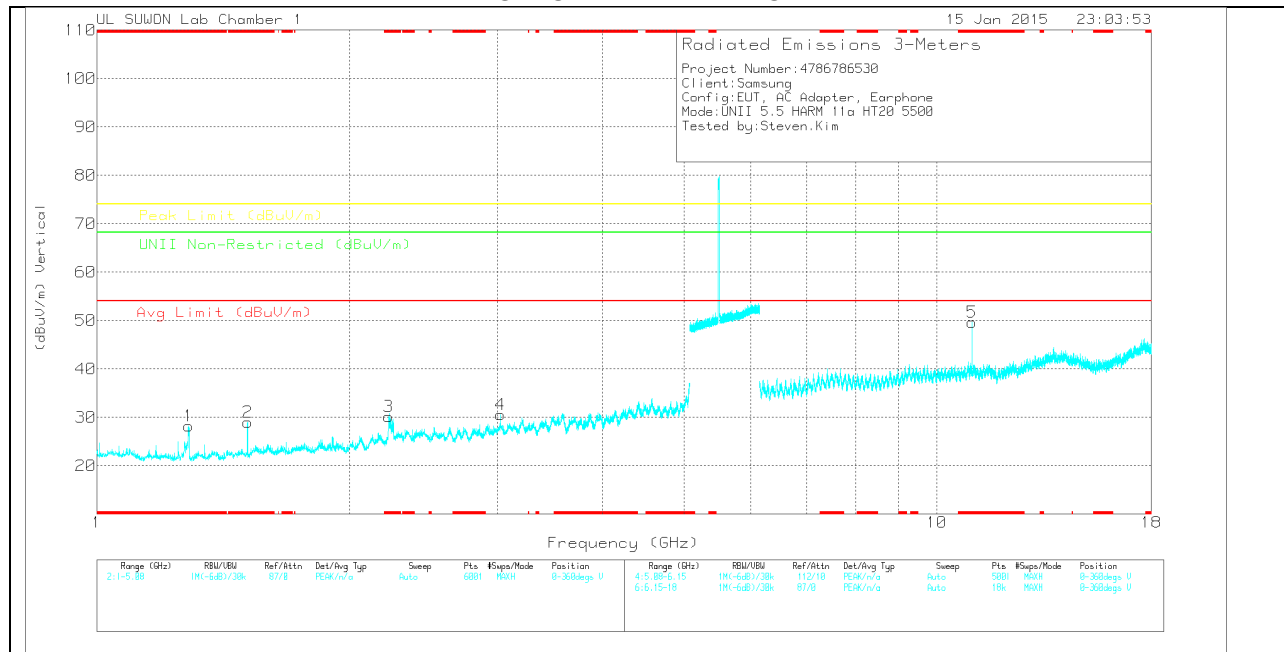
RMS - RMS detection

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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.286	38.25	Avg	23.7	-33.7	0	28.25	54	-25.75	-	-	-	-	0-360	200	V
2	* 1.512	37.94	Avg	24.6	-33.5	0	29.04	54	-24.96	-	-	-	-	0-360	200	V
3	* 2.226	34.78	Avg	27.6	-32.2	0	30.18	54	-23.82	-	-	-	-	0-360	200	V
4	3.024	32.94	Avg	28.8	-31.2	0	30.54	-	-	-	-	-	-	0-360	200	V
5	* 11	32.59	Avg	38.4	-21.3	0	49.69	54	-4.31	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

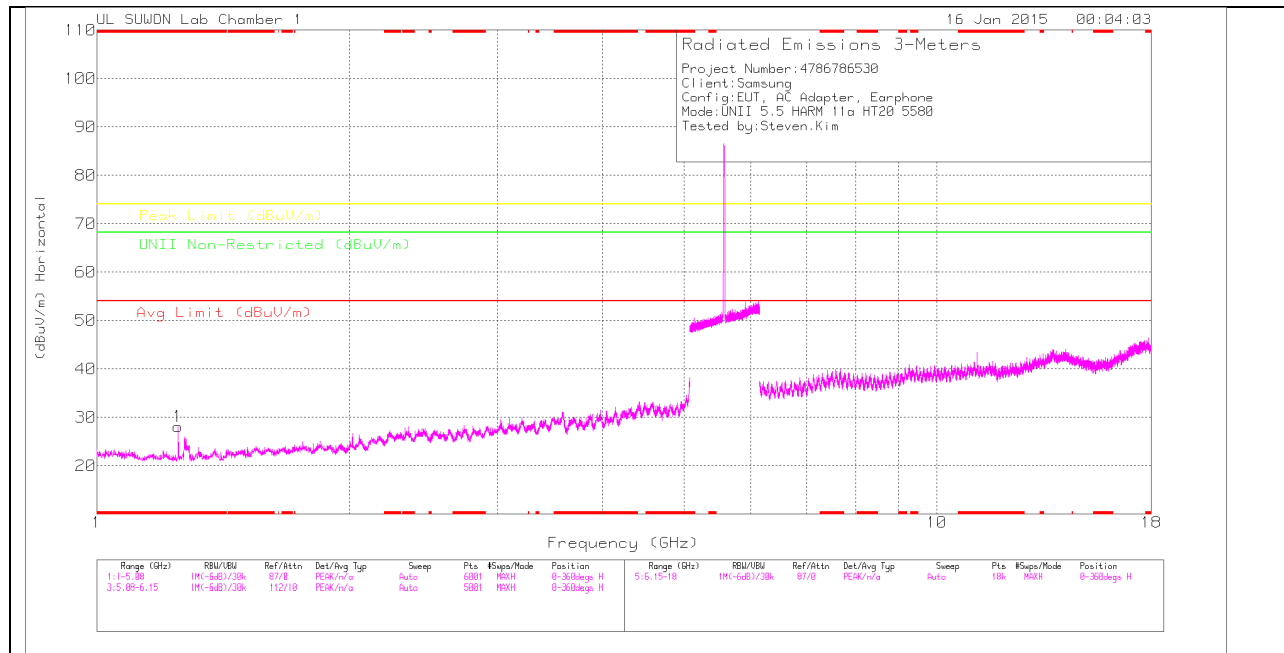
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.	38.79	PK1	38.4	-21.3	0	55.89	-	-	74	-18.11	-	-	85	240	V
* 11.	33.36	AD1	38.4	-21.3	0	50.46	54	-3.54	-	-	-	-	85	240	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

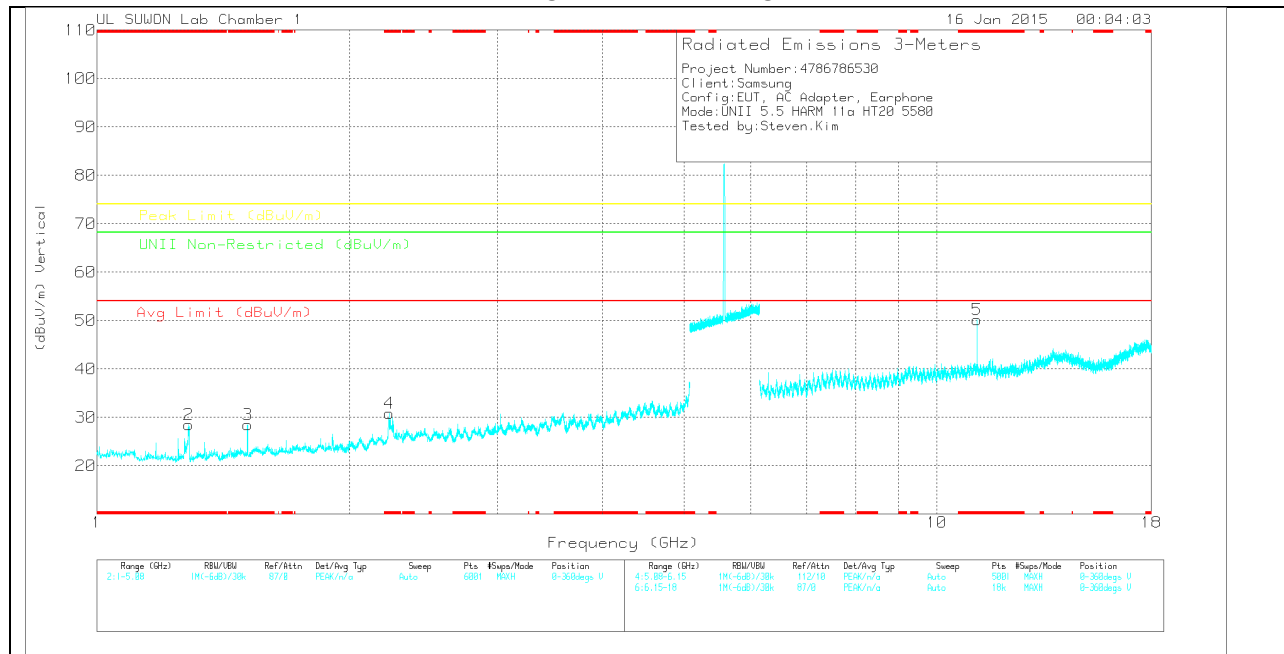
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	38.61	Avg	23.6	-34.1	0	28.11	54	-25.89	-	-	-	-	0-360	200	H
2	* 1.286	38.53	Avg	23.7	-33.7	0	28.53	54	-25.47	-	-	-	-	0-360	200	V
3	* 1.512	37.33	Avg	24.6	-33.5	0	28.43	54	-25.57	-	-	-	-	0-360	200	V
4	* 2.23	35.44	Avg	27.6	-32.2	0	30.84	54	-23.16	-	-	-	-	0-360	200	V
5	* 11.16	32.7	Avg	38.5	-21.1	0	50.1	54	-3.9	-	-	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

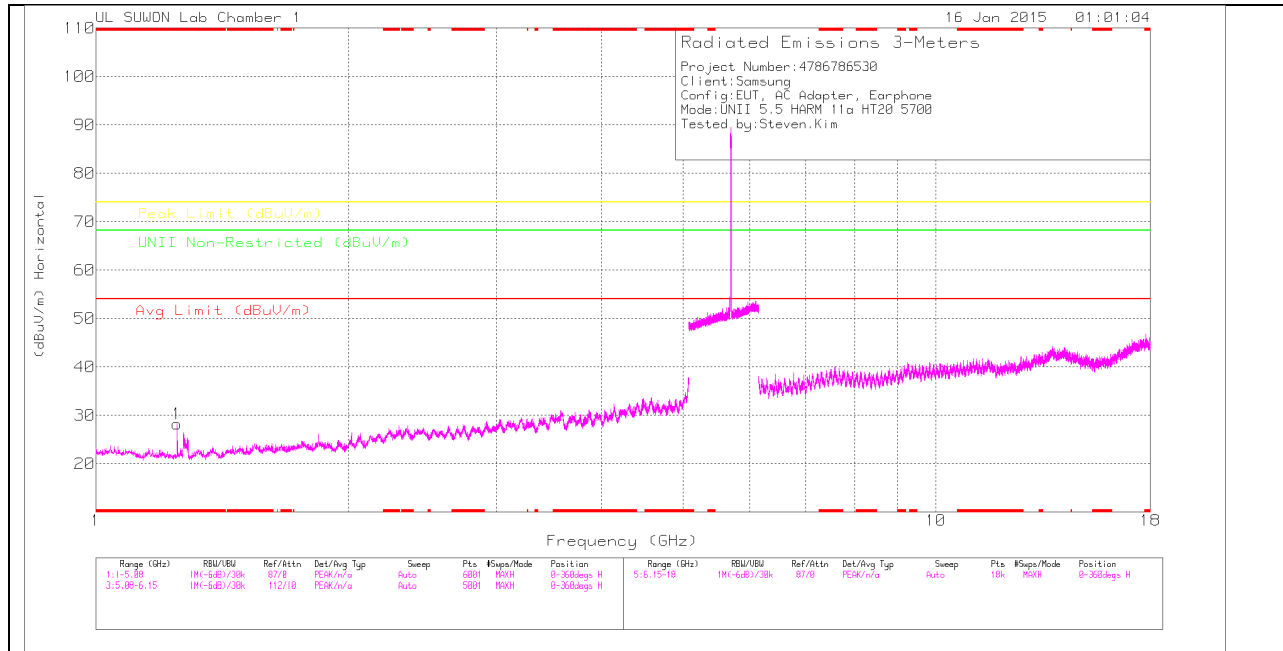
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.16	37.35	PK1	38.5	-21.1	0	54.75	-	-	74	-19.25	-	-	64	201	V
* 11.16	30.78	AD1	38.5	-21.1	0	48.18	54	-5.82	-	-	-	-	64	201	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

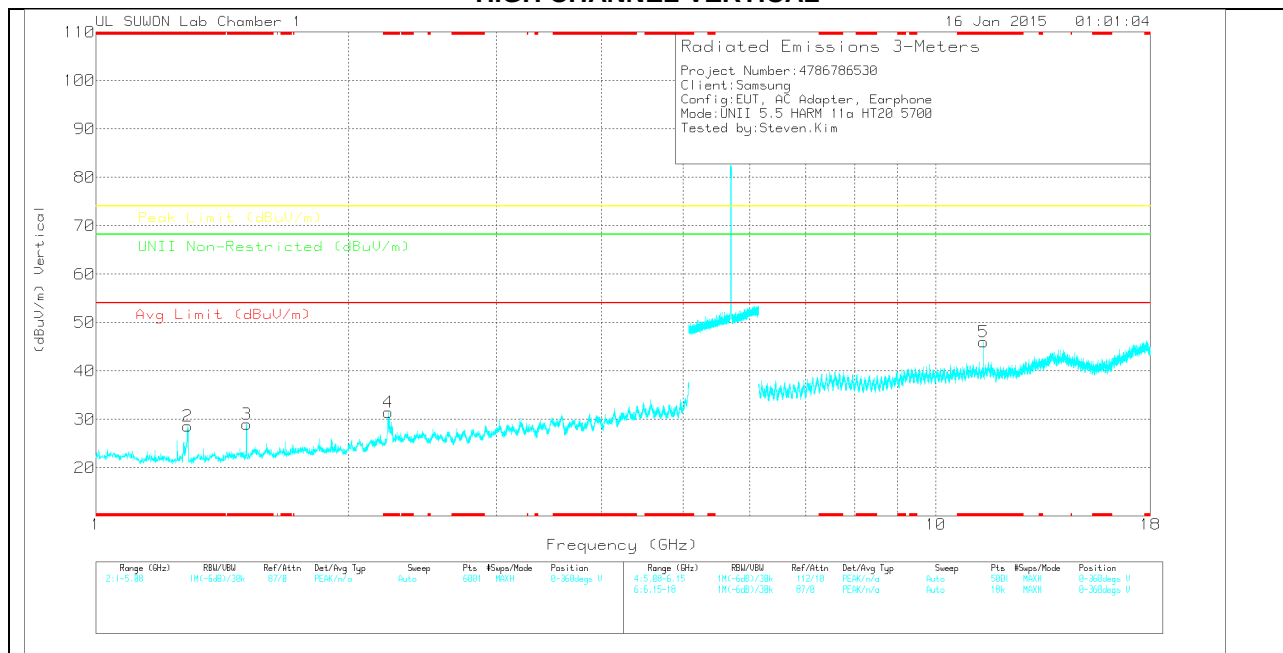
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	38.66	Avg	23.6	-34.1	0	28.16	54	-25.84	-	-	-	-	0-360	200	H
2	* 1.286	38.57	Avg	23.7	-33.7	0	28.57	54	-25.43	-	-	-	-	0-360	200	V
3	* 1.512	37.88	Avg	24.6	-33.5	0	28.98	54	-25.02	-	-	-	-	0-360	200	V
4	* 2.23	36.01	Avg	27.6	-32.2	0	31.41	54	-22.59	-	-	-	-	0-360	200	V
5	* 11.4	28.46	Avg	38.6	-21.1	0	45.96	54	-8.04	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.4	38.17	PK1	38.6	-21.2	0	55.57	-	-	74	-18.43	-	-	86	351	V
* 11.4	33.11	AD1	38.6	-21.2	0	50.51	54	-3.49	-	-	-	-	86	351	V

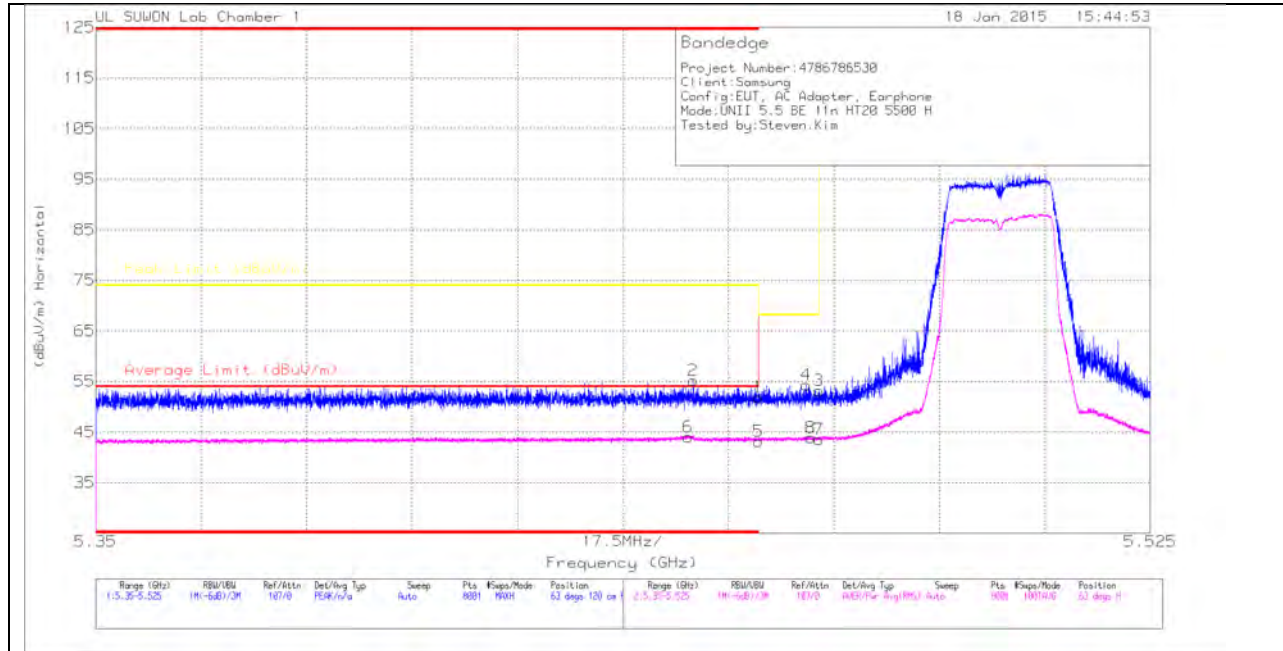
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.3.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.5 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

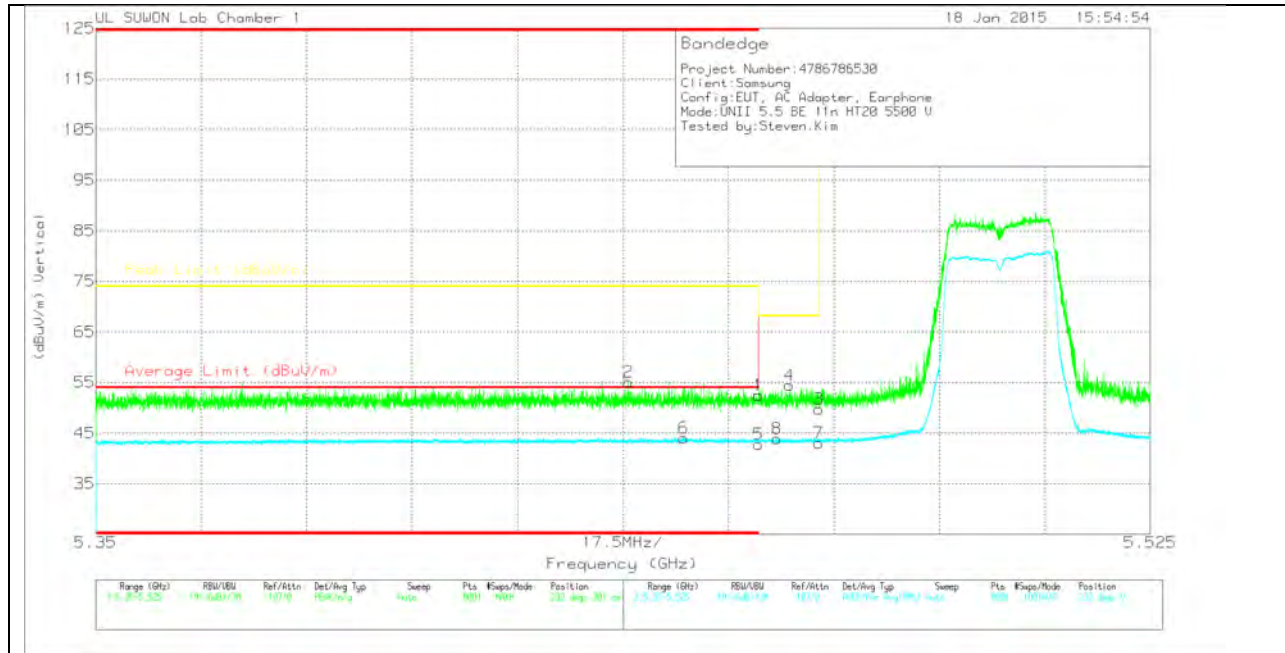
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.39	Pk	33.7	-19.2	0	51.89	-	-	74	-22.11	63	120	H
2	* 5.449	40.87	Pk	33.6	-19.2	0	55.27	-	-	74	-18.73	63	120	H
3	5.47	38.6	Pk	33.7	-19.1	0	53.2	-	-	68.2	-15	63	120	H
4	5.468	39.81	Pk	33.7	-19.1	0	54.41	-	-	68.2	-13.79	63	120	H
5	* 5.46	28.66	RMS	33.7	-19.2	.32	43.48	54	-10.52	-	-	63	120	H
6	* 5.448	29.64	RMS	33.6	-19.2	.32	44.36	54	-9.64	-	-	63	120	H
7	5.47	28.99	RMS	33.7	-19.1	.32	43.91	-	-	-	-	63	120	H
8	5.469	29.34	RMS	33.7	-19.1	.32	44.26	-	-	-	-	63	120	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	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	* 5.46	37.99	Pk	33.7	-19.2	0	52.49	-	-	74	-21.51	232	301	V
2	* 5.438	40.73	Pk	33.6	-19.2	0	55.13	-	-	74	-18.87	232	301	V
3	5.47	35.18	Pk	33.7	-19.1	0	49.78	-	-	68.2	-18.42	232	301	V
4	5.465	39.82	Pk	33.7	-19.1	0	54.42	-	-	68.2	-13.78	232	301	V
5	* 5.46	28.33	RMS	33.7	-19.2	.32	43.15	54	-10.85	-	-	232	301	V
6	* 5.448	29.6	RMS	33.6	-19.2	.32	44.32	54	-9.68	-	-	232	301	V
7	5.47	28.47	RMS	33.7	-19.1	.32	43.39	-	-	-	-	232	301	V
8	5.463	29.38	RMS	33.7	-19.2	.32	44.2	-	-	-	-	232	301	V

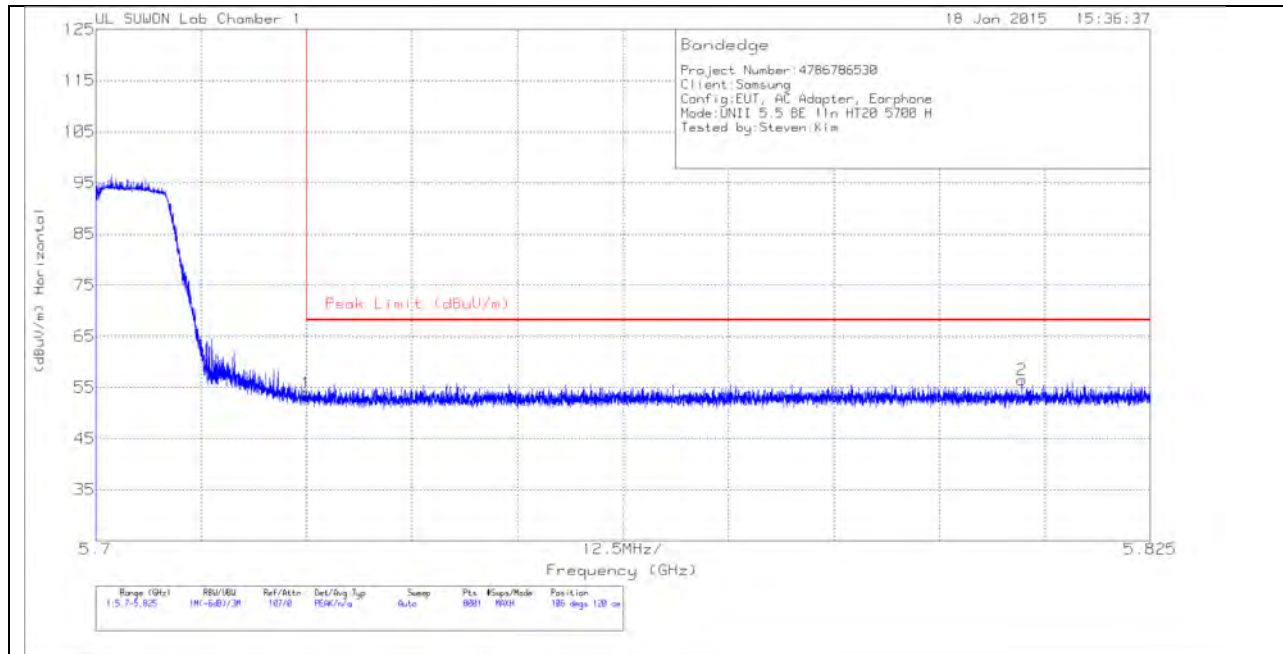
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

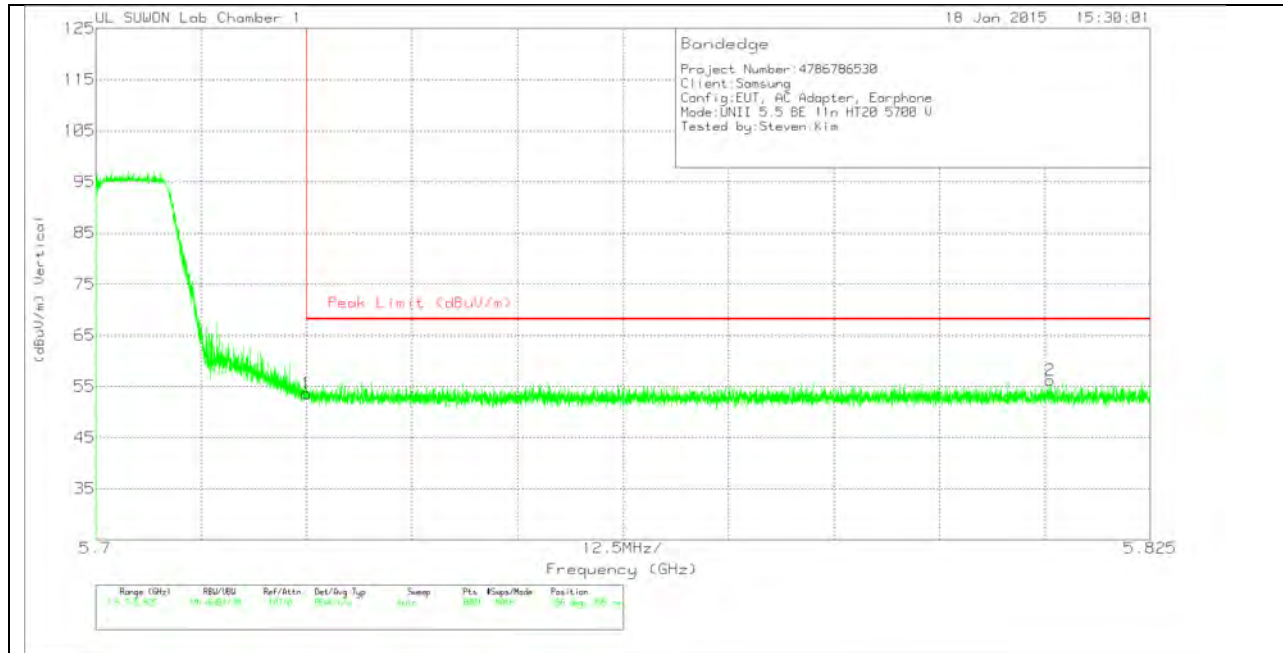
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.4	Pk	34.3	-18.8	0	53.9	68.2	-14.3	106	120	H
2	5.81	40.69	Pk	34.6	-18.8	0	56.49	68.2	-11.71	106	120	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.13	Pk	34.3	-18.8	0	53.63	68.2	-14.57	356	355	V
2	5.813	40.43	Pk	34.6	-18.8	0	56.23	68.2	-11.97	356	355	V

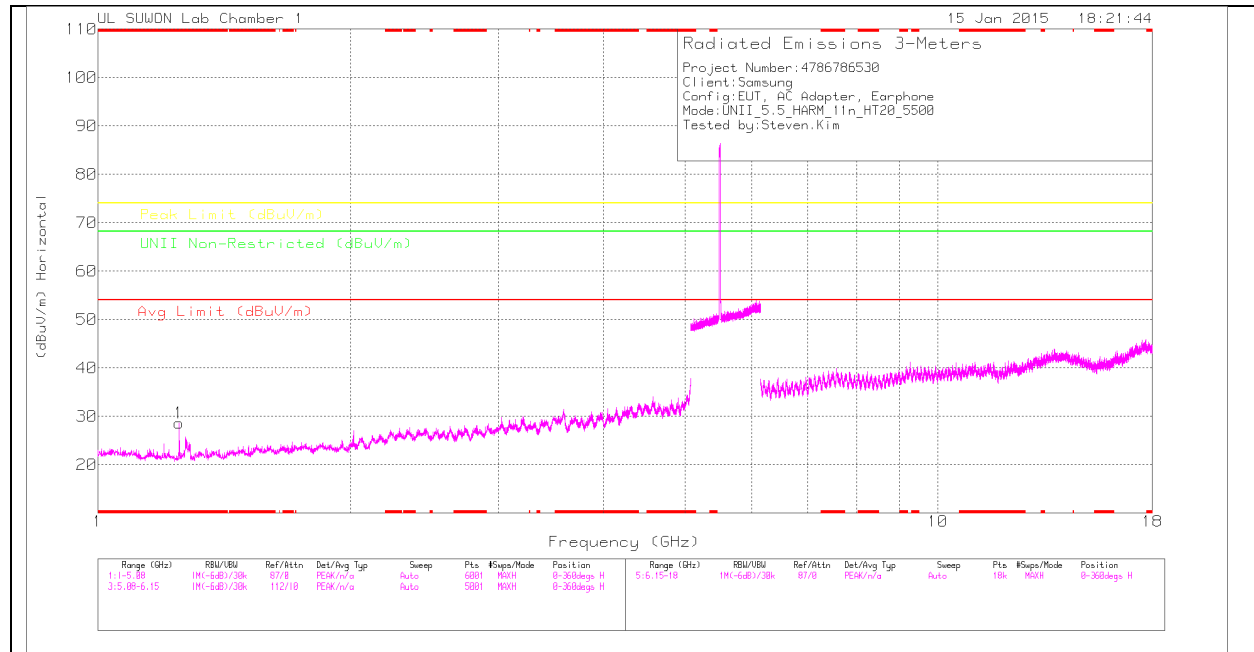
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

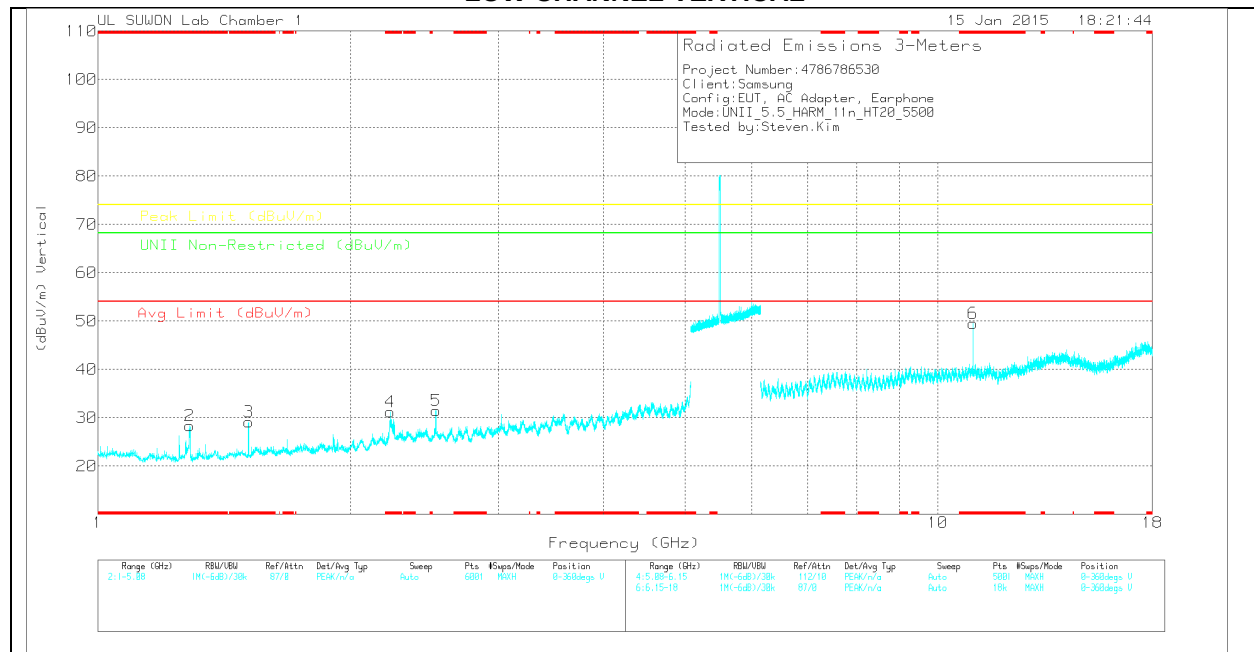
RMS - RMS detection

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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	39.1	Avg	23.6	-34.1	0	28.6	54	-25.4	-	-	-	-	0-360	200	H
2	* 1.288	38.19	Avg	23.8	-33.6	0	28.39	54	-25.61	-	-	-	-	0-360	200	V
3	* 1.512	38.06	Avg	24.6	-33.5	0	29.16	54	-24.84	-	-	-	-	0-360	200	V
4	* 2.229	35.81	Avg	27.6	-32.2	0	31.21	54	-22.79	-	-	-	-	0-360	100	V
5	2.526	35.37	Avg	27.9	-31.8	0	31.47	-	-	-	-	-	-	0-360	100	V
6	* 11	32.44	Avg	38.4	-21.3	0	49.54	54	-4.46	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

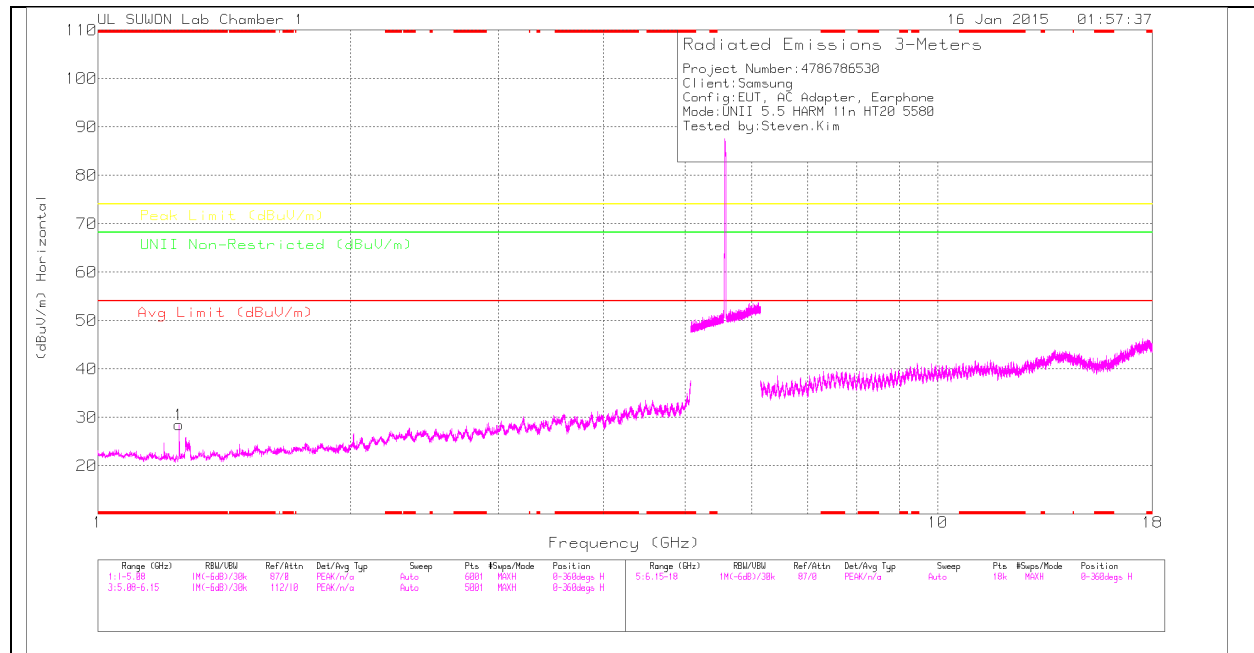
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.	38.79	PK1	38.4	-21.3	0	55.89	-	-	74	-18.11	-	-	80	235	V
* 11.	33.36	AD1	38.4	-21.3	0	50.46	54	-3.54	-	-	-	-	80	235	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

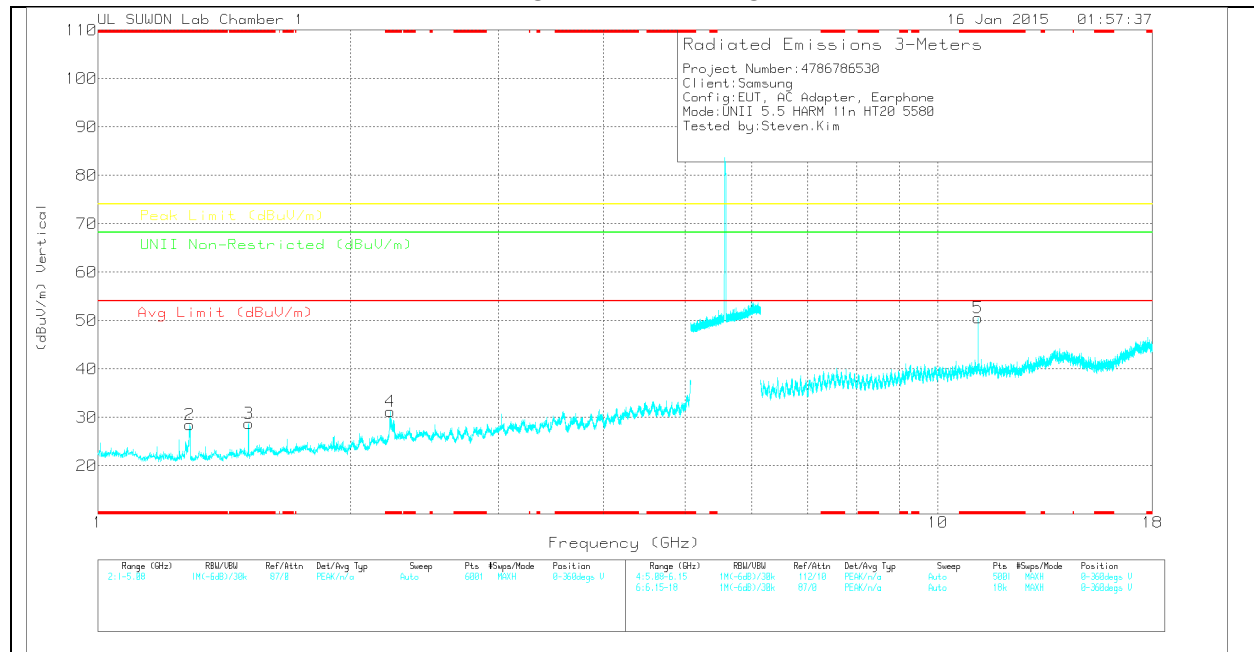
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	38.91	Avg	23.6	-34.1	0	28.41	54	-25.59	-	-	-	-	0-360	200	H
2	* 1.288	38.24	Avg	23.8	-33.6	0	28.44	54	-25.56	-	-	-	-	0-360	200	V
3	* 1.512	37.69	Avg	24.6	-33.5	0	28.79	54	-25.21	-	-	-	-	0-360	200	V
4	* 2.23	35.82	Avg	27.6	-32.2	0	31.22	54	-22.78	-	-	-	-	0-360	100	V
5	* 11.16	33.19	Avg	38.5	-21.1	0	50.59	54	-3.41	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

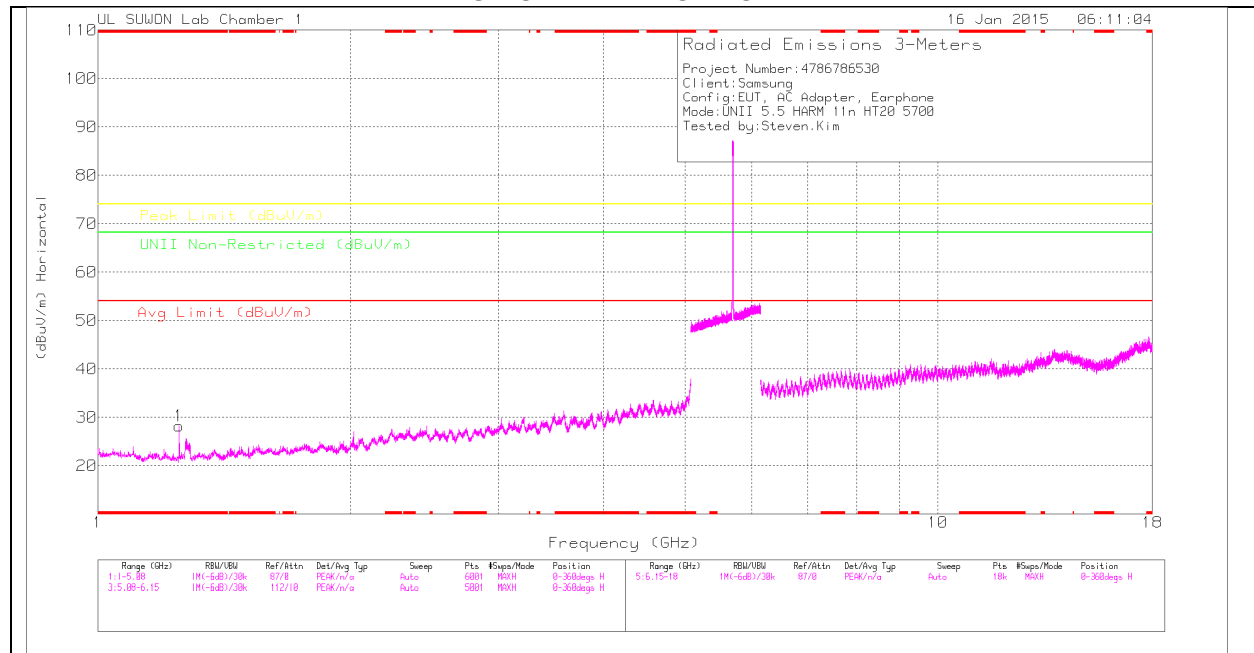
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.16	37.43	PK1	38.5	-21.1	0	54.83	-	-	74	-19.17	-	-	306	111	V
* 11.16	31.46	AD1	38.5	-21.1	0	48.86	54	-5.14	-	-	-	-	306	111	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

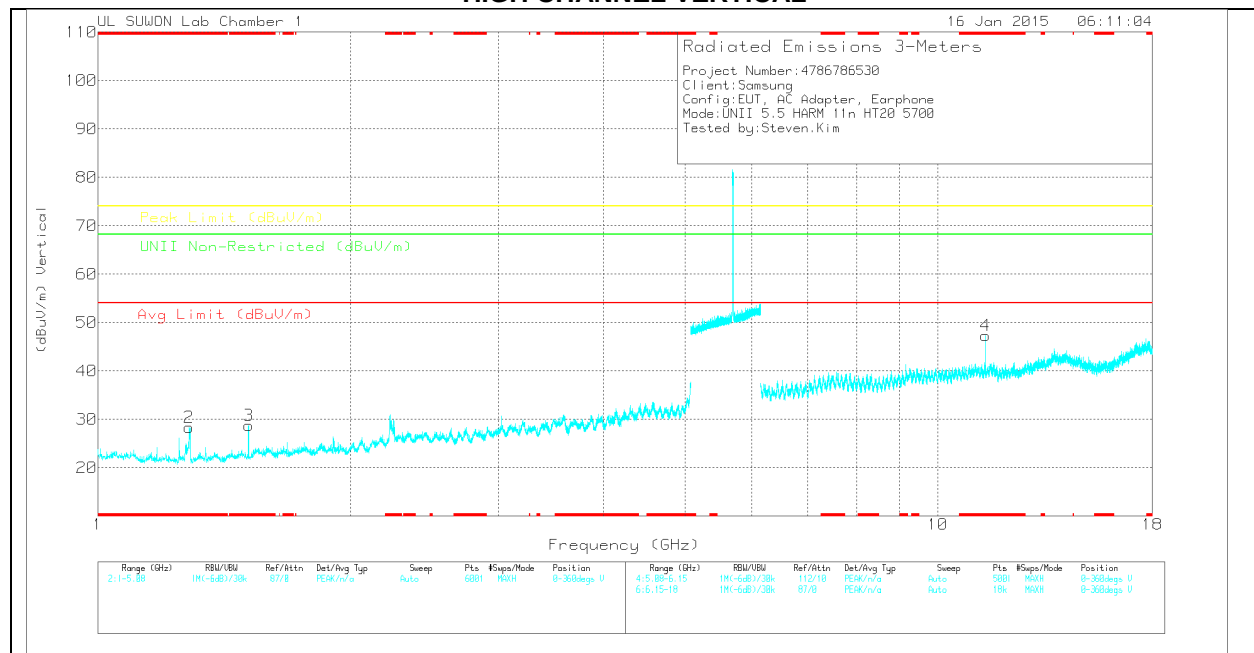
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	38.77	Avg	23.6	-34.1	0	28.27	54	-25.73	-	-	-	-	0-360	200	H
2	* 1.285	38.36	Avg	23.7	-33.7	0	28.36	54	-25.64	-	-	-	-	0-360	200	V
3	* 1.512	37.69	Avg	24.6	-33.5	0	28.79	54	-25.21	-	-	-	-	0-360	200	V
4	* 11.4	29.85	Avg	38.6	-21.1	0	47.35	54	-6.65	-	-	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.4	36.39	PK1	38.6	-21.2	0	53.79	-	-	74	-20.21	-	-	62	128	V
* 11.4	29.11	AD1	38.6	-21.2	0	46.51	54	-7.49	-	-	-	-	62	128	V

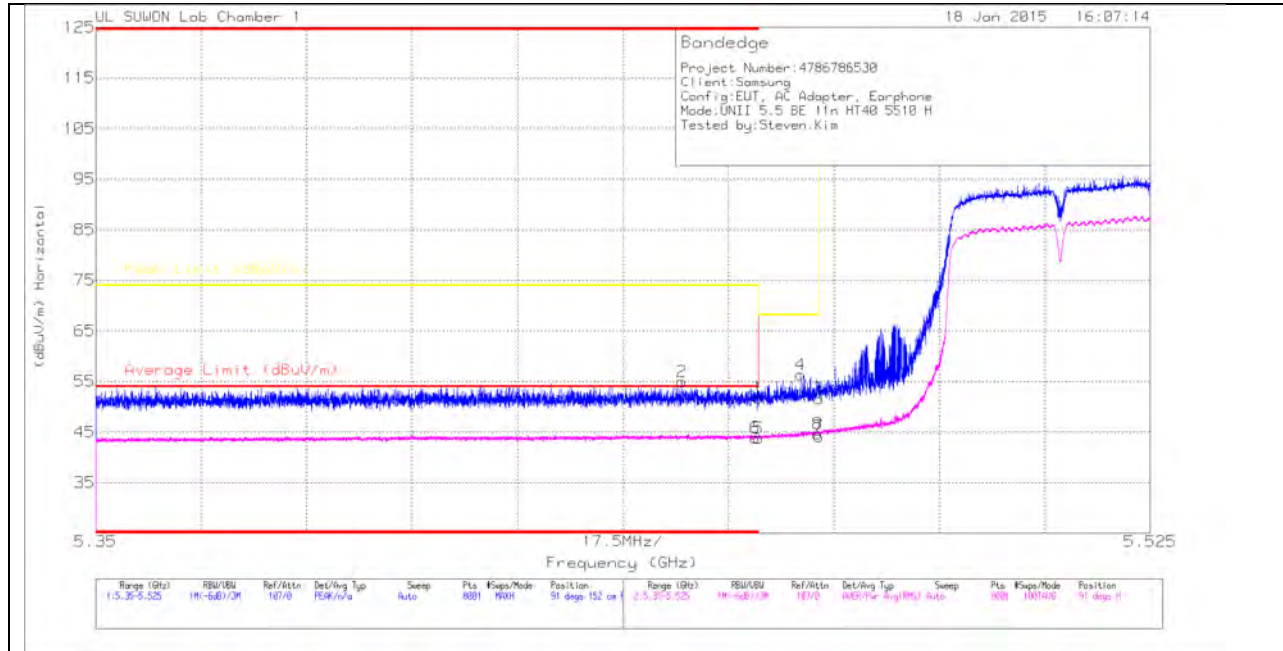
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.3.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.5 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

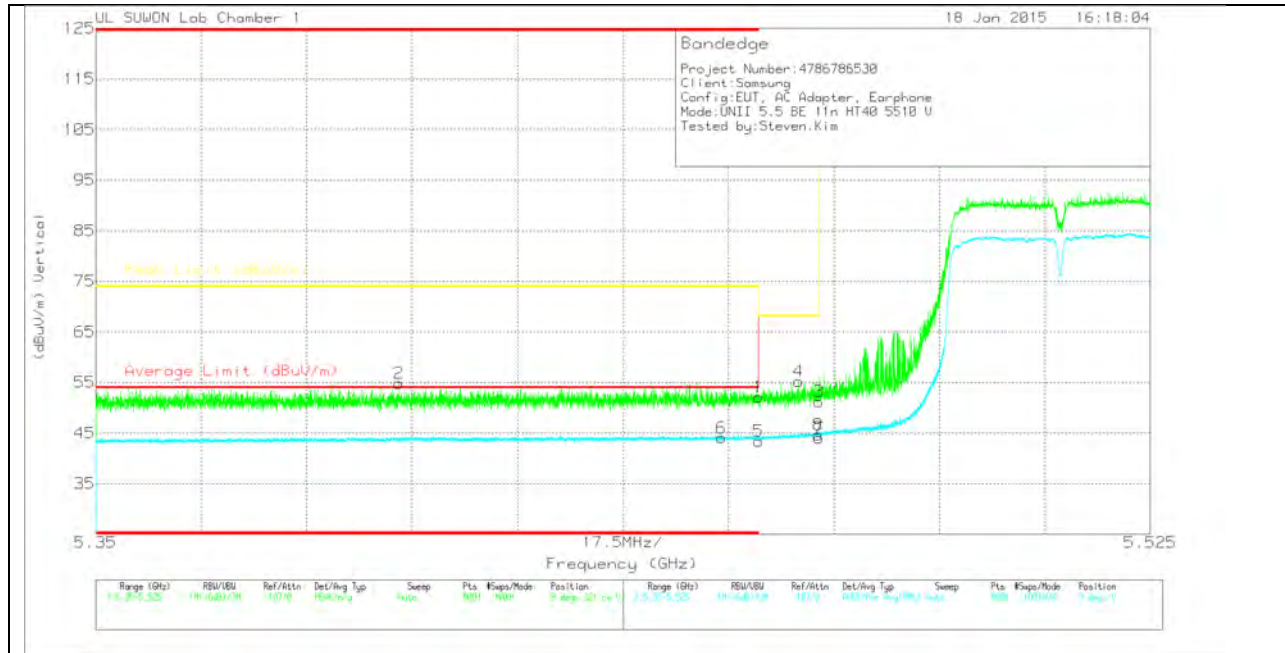
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.28	Pk	33.7	-19.2	0	51.78	-	-	74	-22.22	91	152	H
2	* 5.447	40.59	Pk	33.6	-19.2	0	54.99	-	-	74	-19.01	91	152	H
3	5.47	37.04	Pk	33.7	-19.1	0	51.64	-	-	68.2	-16.56	91	152	H
4	5.467	41.7	Pk	33.7	-19.1	0	56.3	-	-	68.2	-11.9	91	152	H
5	* 5.46	29.25	RMS	33.7	-19.2	.63	44.38	54	-9.62	-	-	91	152	H
6	* 5.459	29.42	RMS	33.7	-19.2	.63	44.55	54	-9.45	-	-	91	152	H
7	5.47	29.54	RMS	33.7	-19.1	.63	44.77	-	-	-	-	91	152	H
8	5.47	30.07	RMS	33.7	-19.1	.63	45.3	-	-	-	-	91	152	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Path2	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	* 5.46	37.64	Pk	33.7	-19.2	0	52.14	-	-	74	-21.86	9	321	V
2	* 5.4	40.56	Pk	33.5	-19.2	0	54.86	-	-	74	-19.14	9	321	V
3	5.47	36.71	Pk	33.7	-19.1	0	51.31	-	-	68.2	-16.89	9	321	V
4	5.467	40.66	Pk	33.7	-19.1	0	55.26	-	-	68.2	-12.94	9	321	V
5	* 5.46	28.93	RMS	33.7	-19.2	.63	44.06	54	-9.94	-	-	9	321	V
6	* 5.454	29.61	RMS	33.7	-19.2	.63	44.74	54	-9.26	-	-	9	321	V
7	5.47	29.5	RMS	33.7	-19.1	.63	44.73	-	-	-	-	9	321	V
8	5.47	30.08	RMS	33.7	-19.1	.63	45.31	-	-	-	-	9	321	V

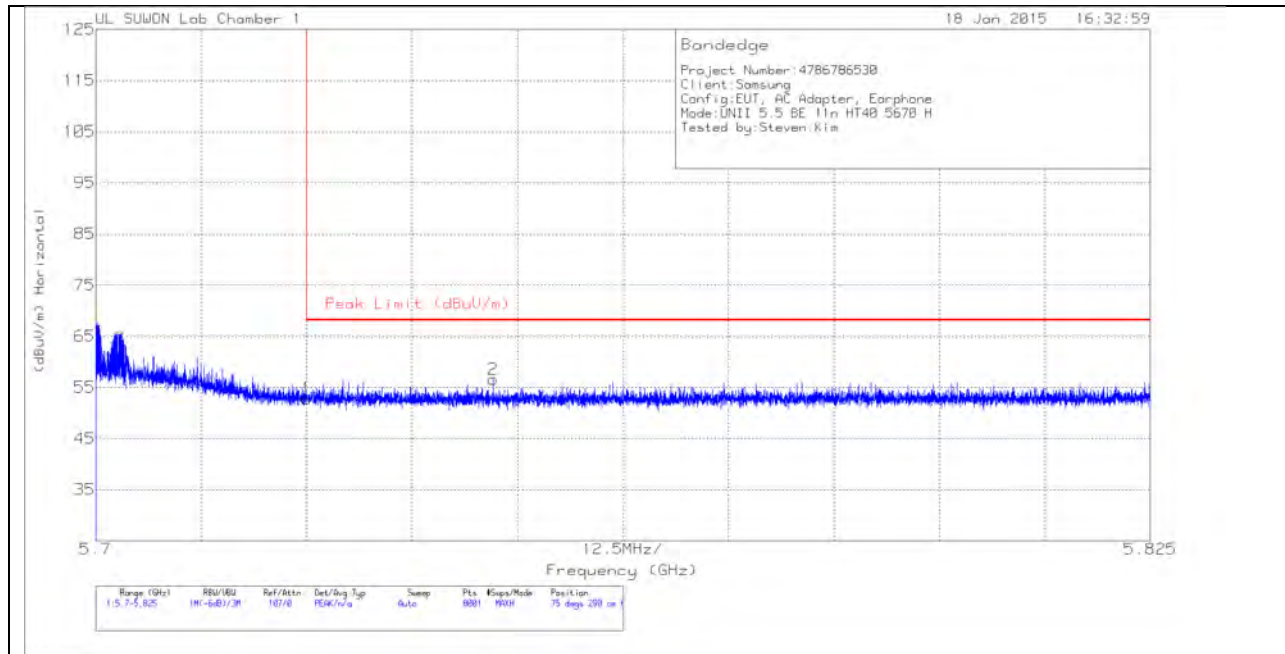
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

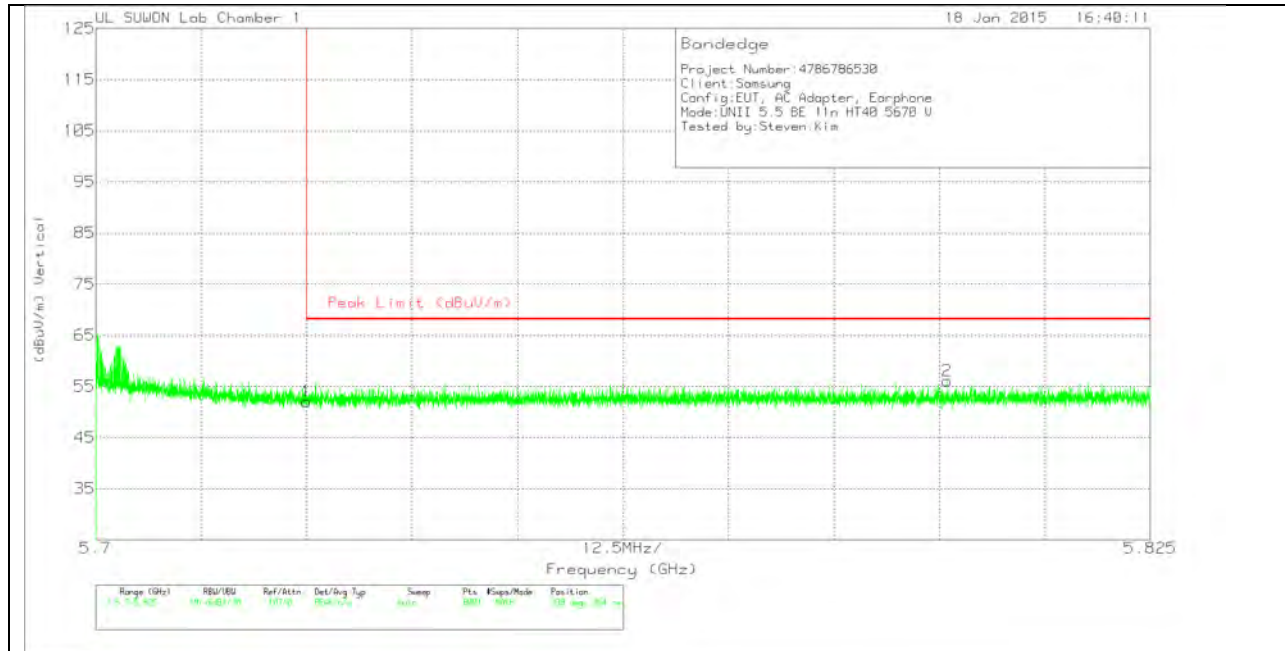
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.33	Pk	34.3	-18.8	0	52.83	68.2	-15.37	75	290	H
2	5.747	41.05	Pk	34.4	-18.8	0	56.65	68.2	-11.55	75	290	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.59	Pk	34.3	-18.8	0	52.09	68.2	-16.11	338	364	V
2	5.801	40.36	Pk	34.6	-18.8	0	56.16	68.2	-12.04	338	364	V

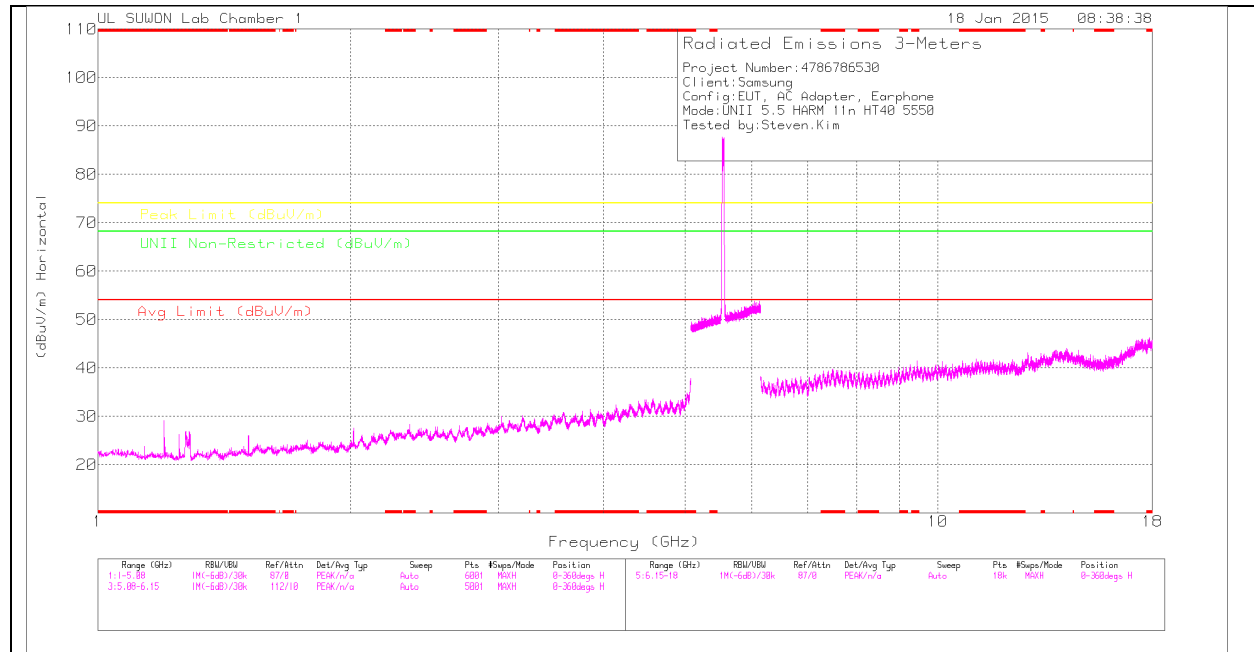
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

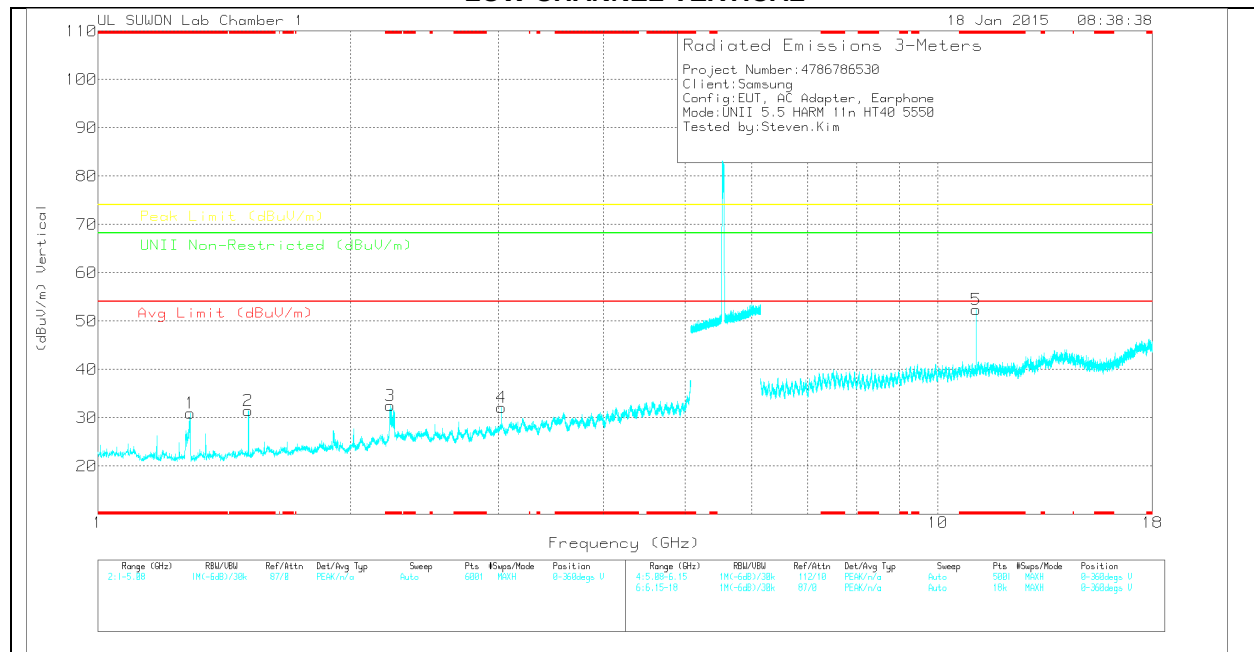
RMS - RMS detection

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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	40.79	Avg	23.8	-33.6	0	30.99	54	-23.01	-	-	-	-	0-360	100	V
2	* 1.511	40.33	Avg	24.6	-33.5	0	31.43	54	-22.57	-	-	-	-	0-360	100	V
3	* 2.229	37.04	Avg	27.6	-32.2	0	32.44	54	-21.56	-	-	-	-	0-360	100	V
4	3.024	34.47	Avg	28.8	-31.2	0	32.07	-	-	-	-	-	-	0-360	200	V
5	* 11.1	34.84	Avg	38.4	-20.9	0	52.34	54	-1.66	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

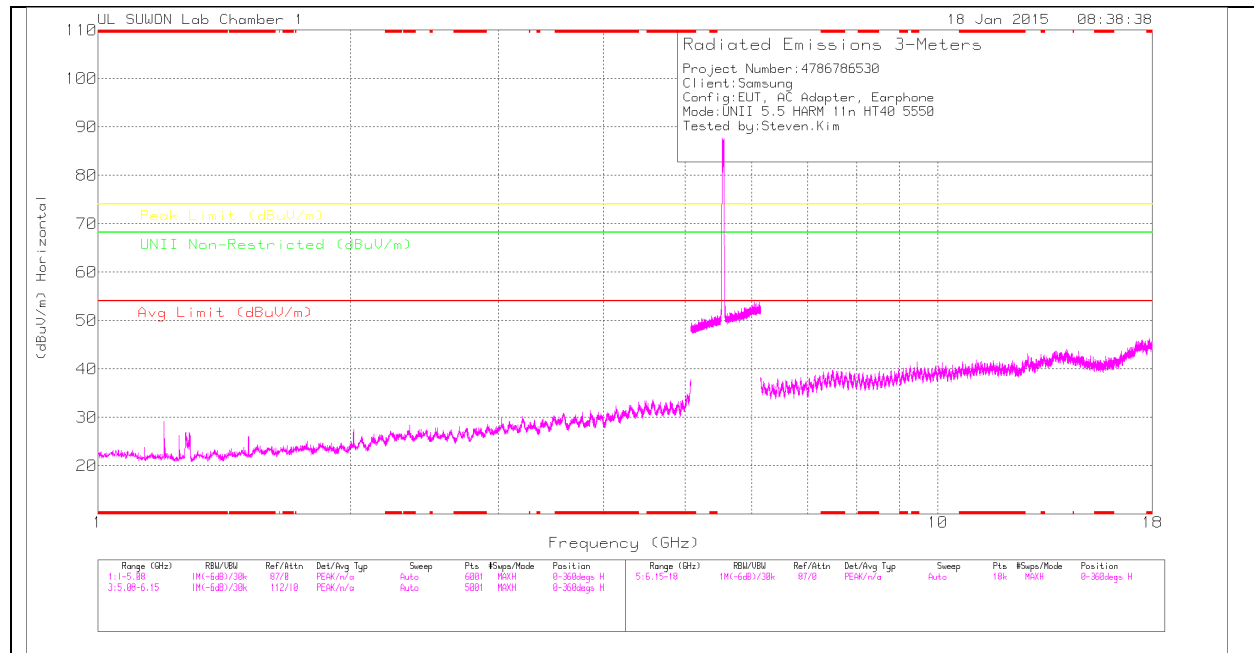
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.1	38.38	PK1	38.4	-20.9	0	55.88	-	-	74	-18.12	-	-	95	112	V
* 11.1	33.14	AD1	38.4	-20.9	0	50.64	54	-3.36	-	-	-	-	95	112	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

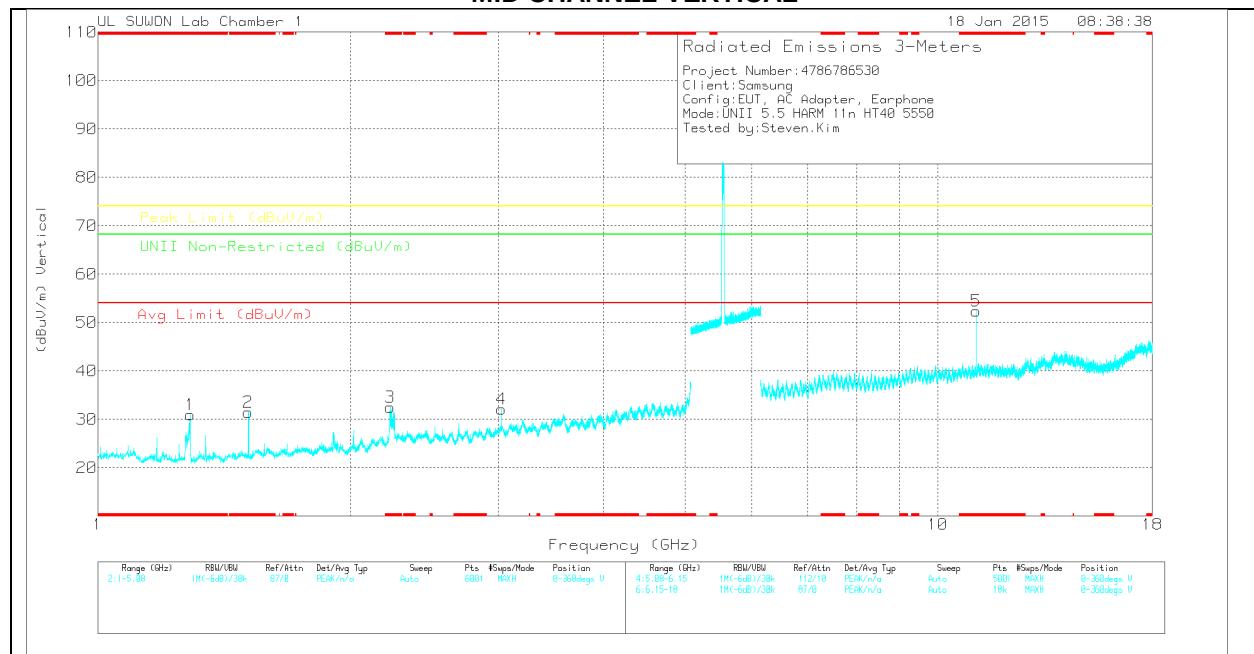
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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

TRACE MARKERS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	40.79	Avg	23.8	-33.6	0	30.99	54	-23.01	-	-	-	-	0-360	100	V
2	* 1.511	40.33	Avg	24.6	-33.5	0	31.43	54	-22.57	-	-	-	-	0-360	100	V
3	* 2.229	37.04	Avg	27.6	-32.2	0	32.44	54	-21.56	-	-	-	-	0-360	100	V
4	3.024	34.47	Avg	28.8	-31.2	0	32.07	-	-	-	-	-	-	0-360	200	V
5	* 11.1	34.84	Avg	38.4	-20.9	0	52.34	54	-1.66	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

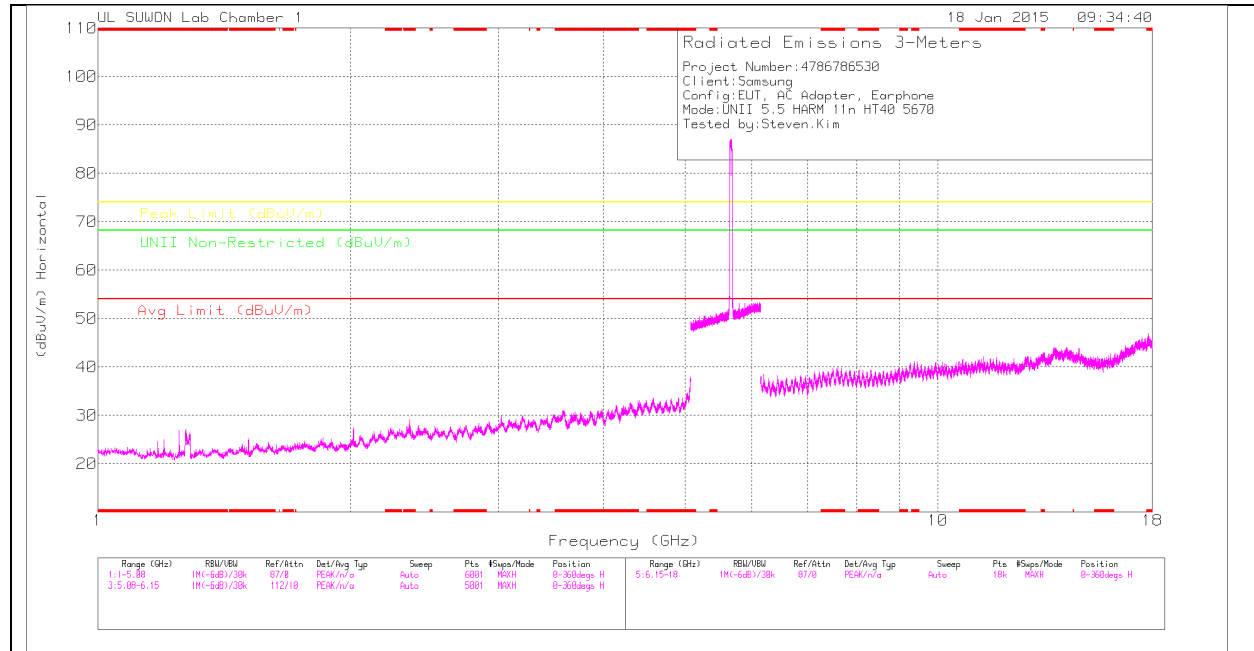
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.1	38.38	PK1	38.4	-20.9	0	55.88	-	-	74	-18.12	-	-	95	112	V
* 11.1	33.14	AD1	38.4	-20.9	0	50.64	54	-3.36	-	-	-	-	95	112	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

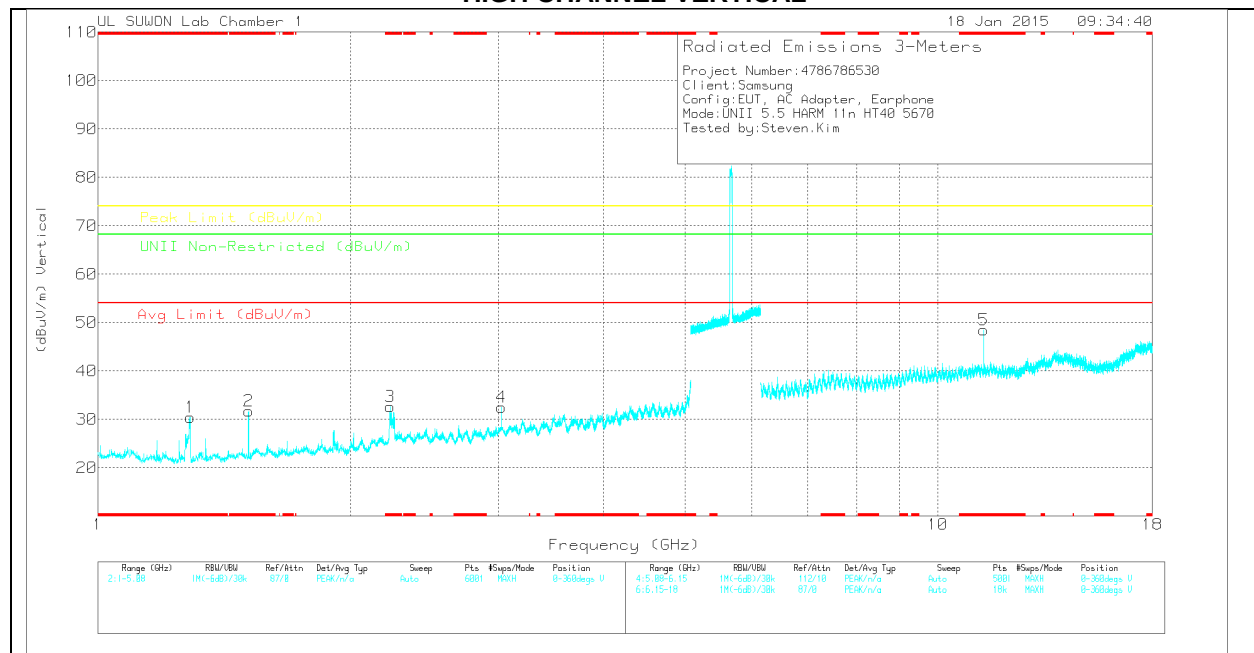
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	40.21	Avg	23.8	-33.6	0	30.41	54	-23.59	-	-	-	-	0-360	100	V
2	* 1.512	40.57	Avg	24.6	-33.5	0	31.67	54	-22.33	-	-	-	-	0-360	100	V
3	* 2.23	37.21	Avg	27.6	-32.2	0	32.61	54	-21.39	-	-	-	-	0-360	100	V
4	3.024	34.94	Avg	28.8	-31.2	0	32.54	-	-	-	-	-	-	0-360	200	V
5	* 11.34	30.92	Avg	38.5	-20.9	0	48.52	54	-5.48	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.34	38.79	PK1	38.5	-20.9	0	56.39	-	-	74	-17.61	-	-	85	240	V
* 11.34	33.36	AD1	38.5	-20.9	0	50.96	54	-3.04	-	-	-	-	85	240	V

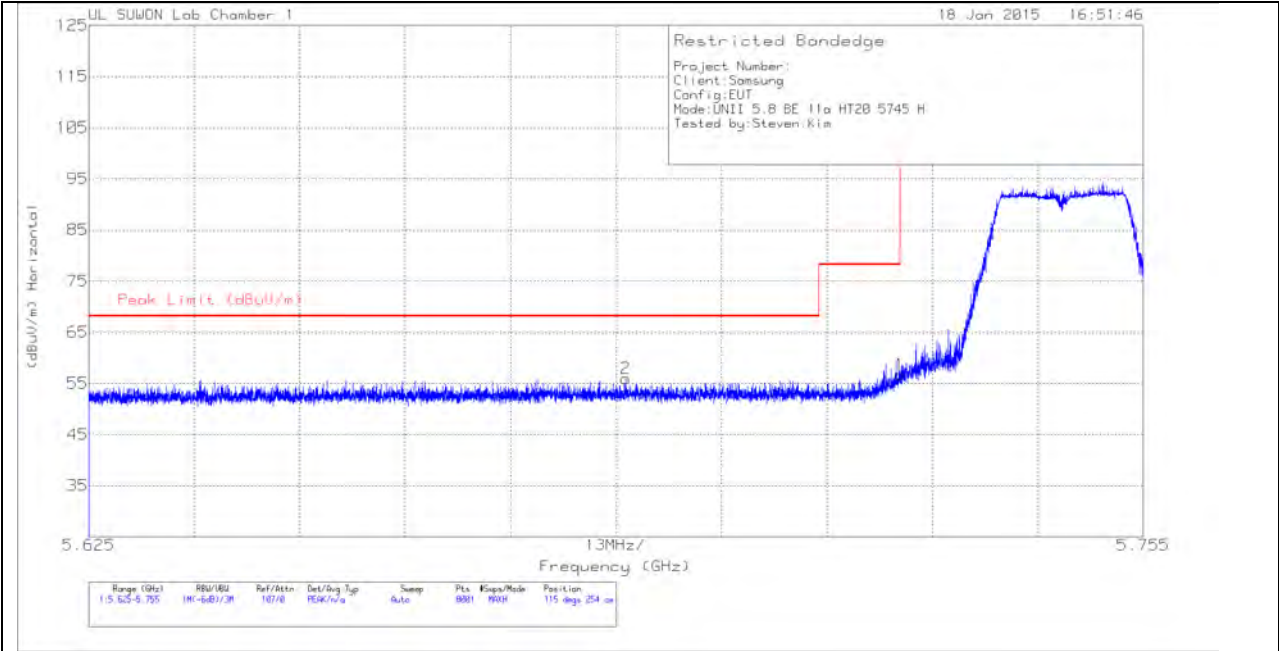
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.4. 5.8 GHz

11.4.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND
HARMONICS AND SPURIOUS EMISSIONS
HORIZONTAL PEAK PLOT



HORIZONTAL DATA

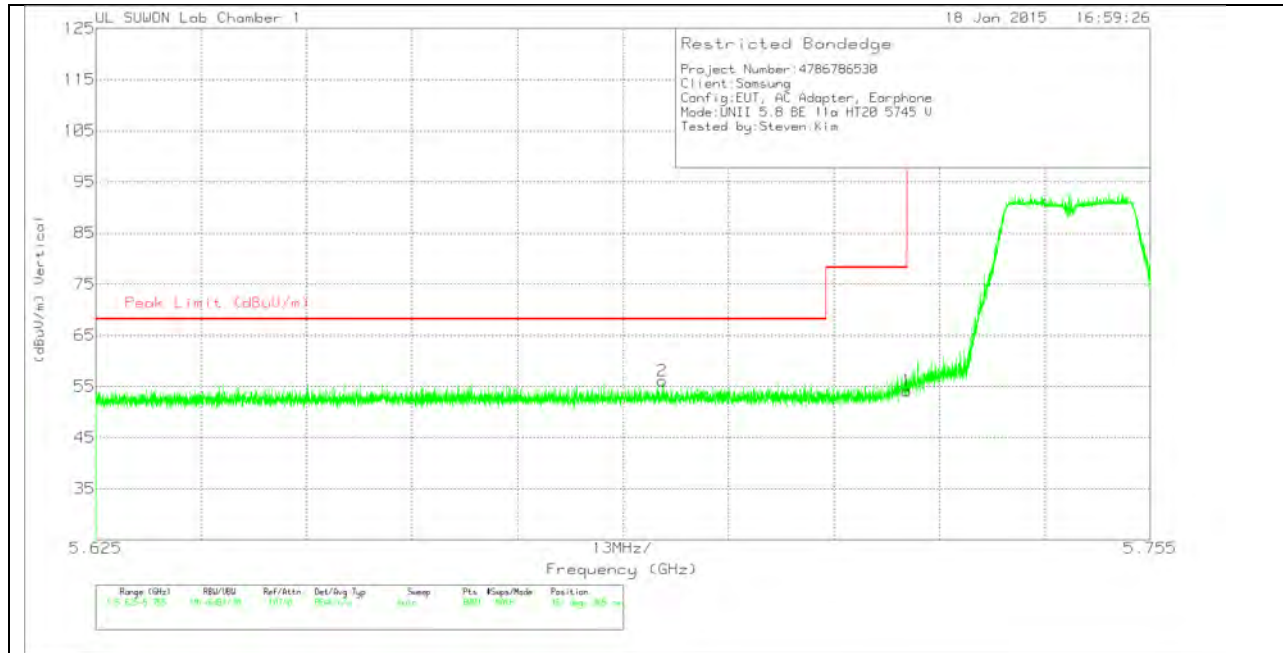
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.24	Pk	34.3	-18.8	0	56.74	78.2	-21.46	115	254	H
2	5.691	40.44	Pk	34.3	-18.8	0	55.94	68.2	-12.26	115	254	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.69	Pk	34.3	-18.8	0	54.19	78.2	-24.01	161	365	V
2	5.695	40.56	Pk	34.3	-18.8	0	56.06	68.2	-12.14	161	365	V

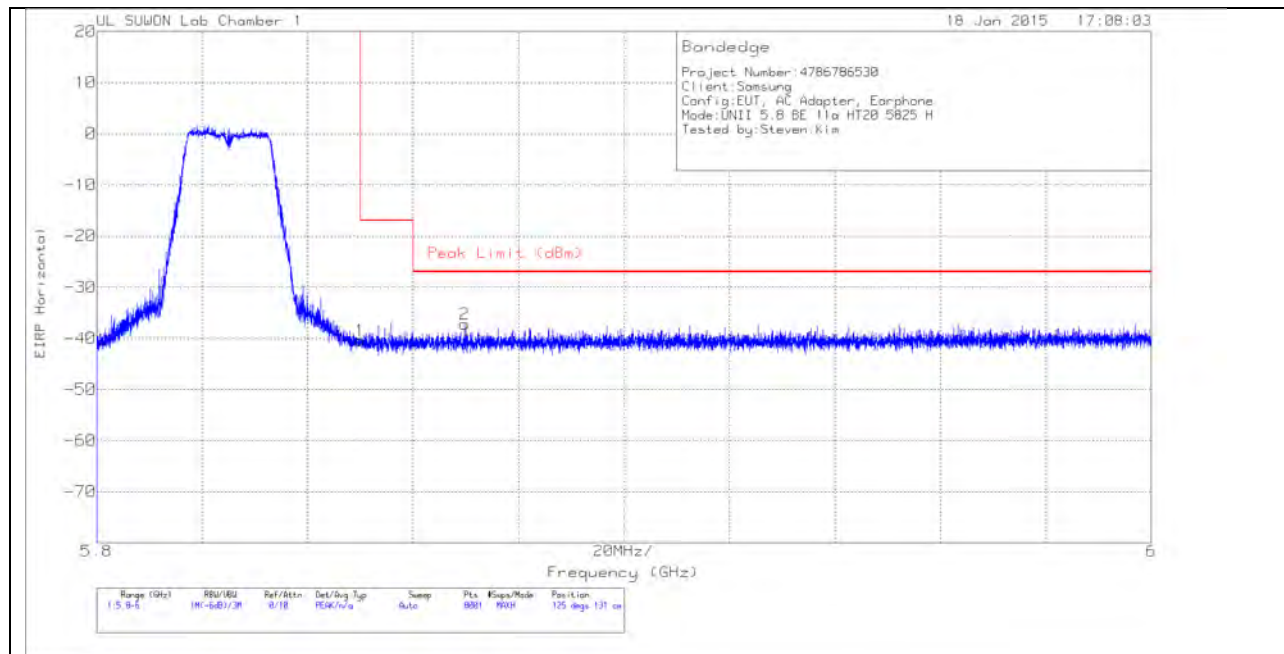
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

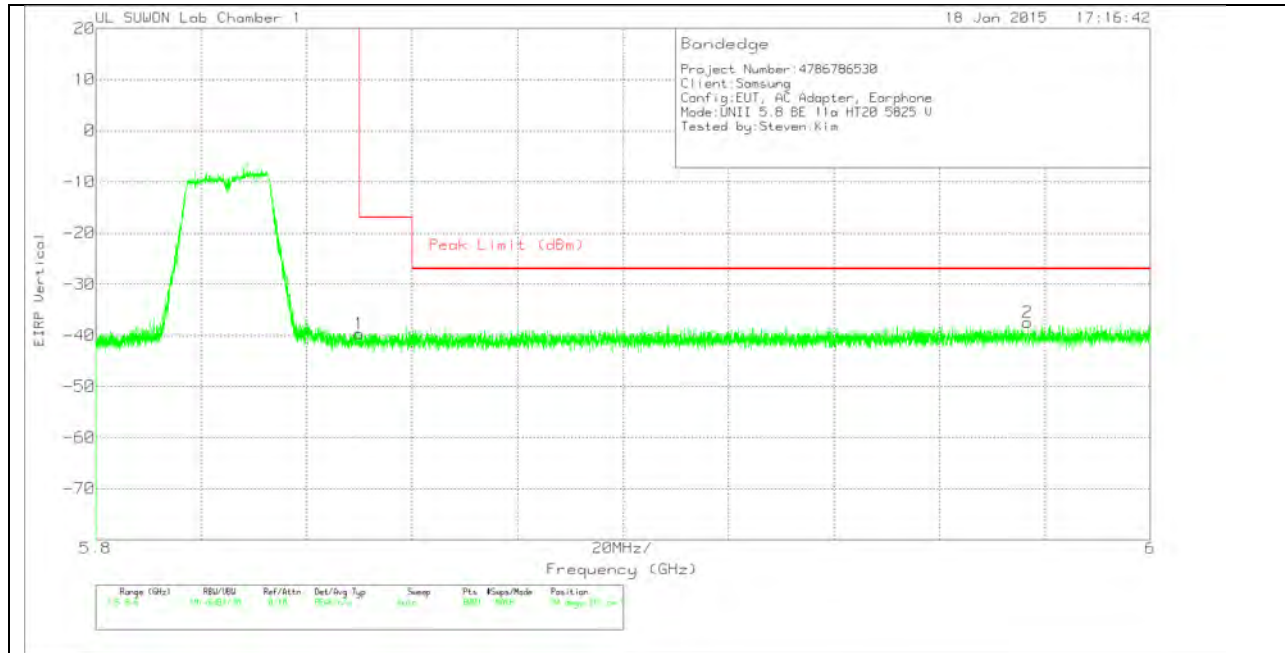
Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	3115D Factor	10dB_Pat h2	Conversio n Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.08	Pk	34.7	-18.9	11.8	0	-40.48	-17	-23.48	125	131	H
2	5.87	-65.03	Pk	34.8	-18.8	11.8	0	-37.23	-27	-10.23	125	131	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

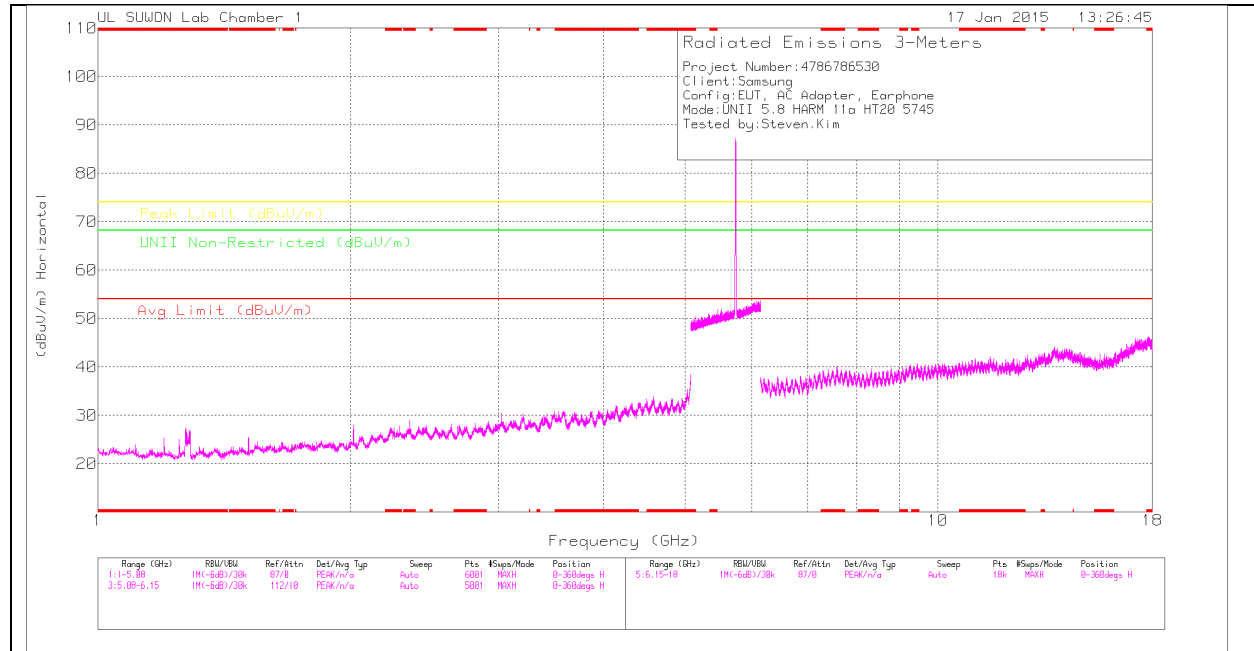
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3115D Factor	10dB_Pat h2	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.24	Pk	34.7	-18.9	11.8	0	-39.64	-17	-22.64	94	311	V
2	5.977	-65.83	Pk	35.1	-18.5	11.8	0	-37.43	-27	-10.43	94	311	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

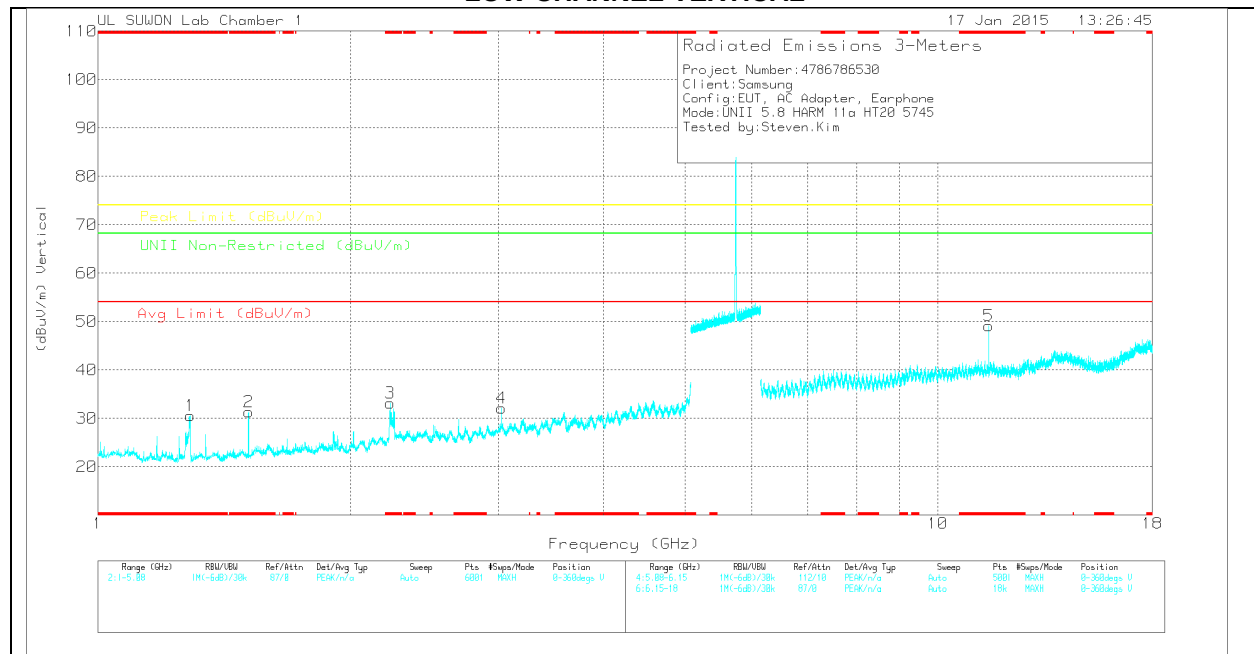
PK - Peak detector

RMS - RMS detection

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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	40.37	Avg	23.8	-33.6	0	30.57	54	-23.43	-	-	-	-	0-360	100	V
2	* 1.512	40.17	Avg	24.6	-33.5	0	31.27	54	-22.73	-	-	-	-	0-360	100	V
3	* 2.229	37.69	Avg	27.6	-32.2	0	33.09	54	-20.91	-	-	-	-	0-360	100	V
4	3.024	34.54	Avg	28.8	-31.2	0	32.14	-	-	-	-	-	-	0-360	200	V
5	* 11.49	31.5	Avg	38.6	-21	0	49.1	54	-4.9	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

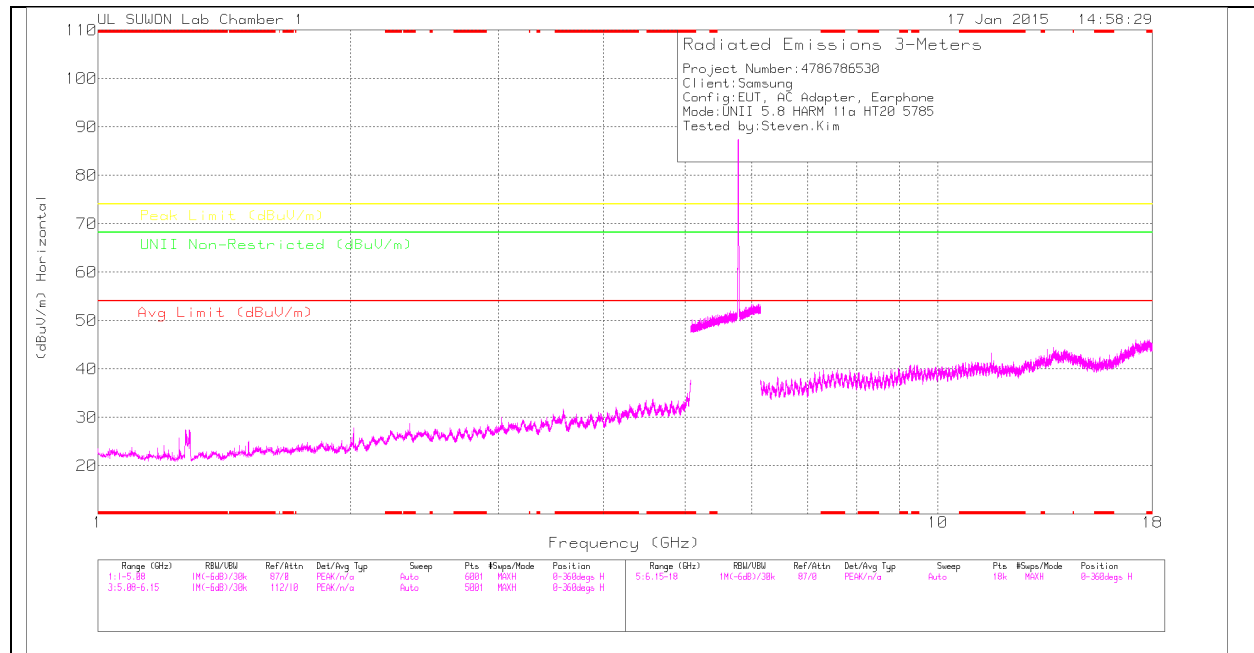
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.49	38.29	PK1	38.6	-21	0	55.89	-	-	74	-18.11	-	-	60	159	V
* 11.49	32.91	AD1	38.6	-21	0	50.51	54	-3.49	-	-	-	-	60	159	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

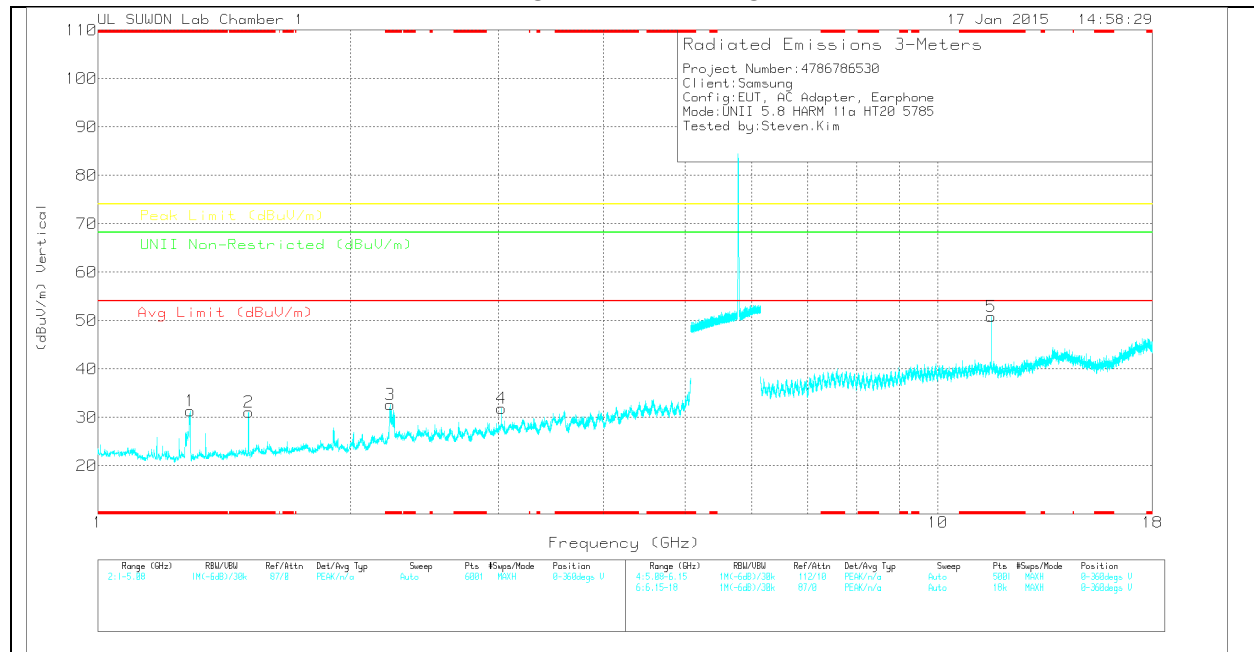
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	41.08	Avg	23.8	-33.6	0	31.28	54	-22.72	-	-	-	-	0-360	100	V
2	* 1.512	40.02	Avg	24.6	-33.5	0	31.12	54	-22.88	-	-	-	-	0-360	100	V
3	* 2.229	37.23	Avg	27.6	-32.2	0	32.63	54	-21.37	-	-	-	-	0-360	100	V
4	3.024	34.31	Avg	28.8	-31.2	0	31.91	-	-	-	-	-	-	0-360	200	V
5	* 11.57	32.92	Avg	38.6	-20.7	0	50.82	54	-3.18	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

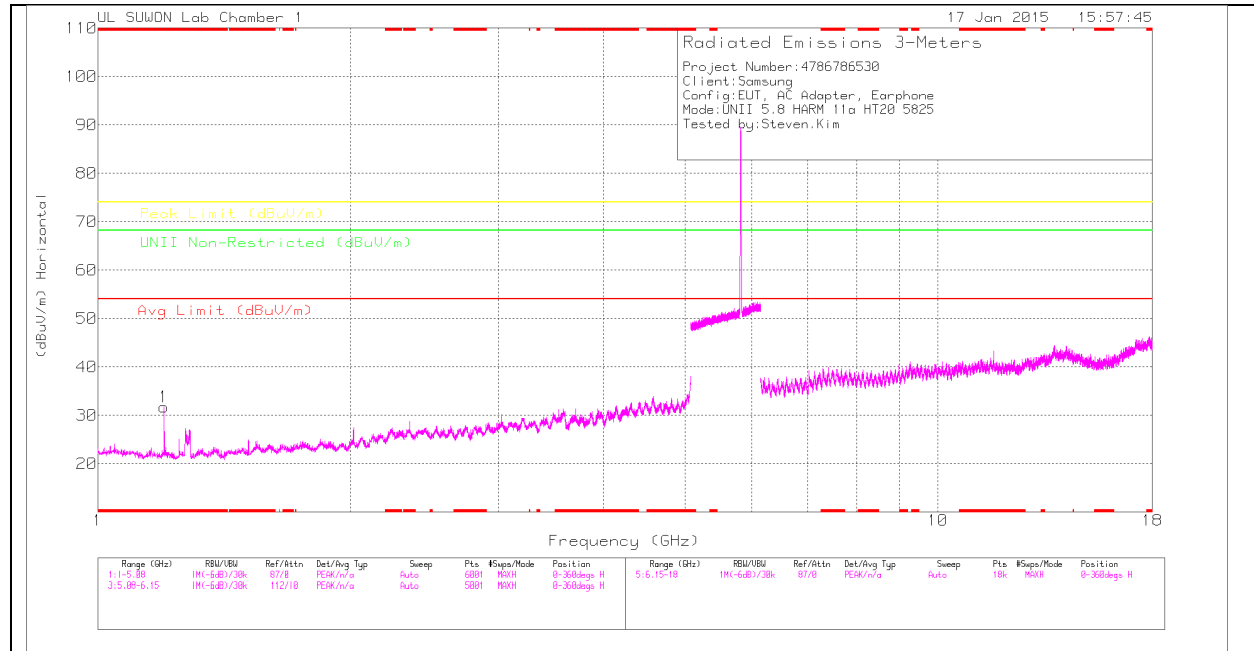
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.57	37.3	PK1	38.6	-20.7	0	55.2	-	-	74	-18.8	-	-	87	102	V
* 11.57	31.46	AD1	38.6	-20.7	0	49.36	54	-4.64	-	-	-	-	87	102	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

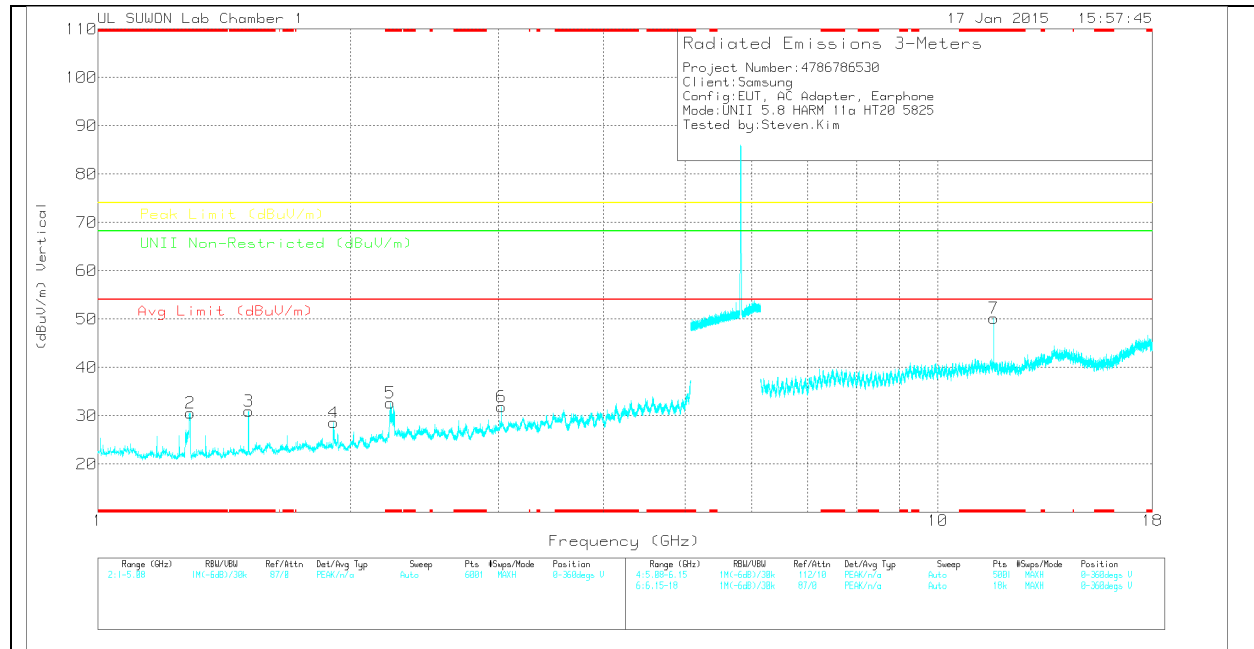
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.2	42.28	Avg	23.8	-34.4	0	31.68	54	-22.32	-	-	-	-	0-360	200	H
2	* 1.288	40.35	Avg	23.8	-33.6	0	30.55	54	-23.45	-	-	-	-	0-360	100	V
3	* 1.512	39.85	Avg	24.6	-33.5	0	30.95	54	-23.05	-	-	-	-	0-360	100	V
4	1.908	36.24	Avg	25.4	-33.1	0	28.54	-	-	-	-	-	-	0-360	100	V
5	* 2.229	37.2	Avg	27.6	-32.2	0	32.6	54	-21.4	-	-	-	-	0-360	100	V
6	3.024	34.3	Avg	28.8	-31.2	0	31.9	-	-	-	-	-	-	0-360	200	V
7	* 11.65	32.48	Avg	38.5	-20.8	0	50.18	54	-3.82	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

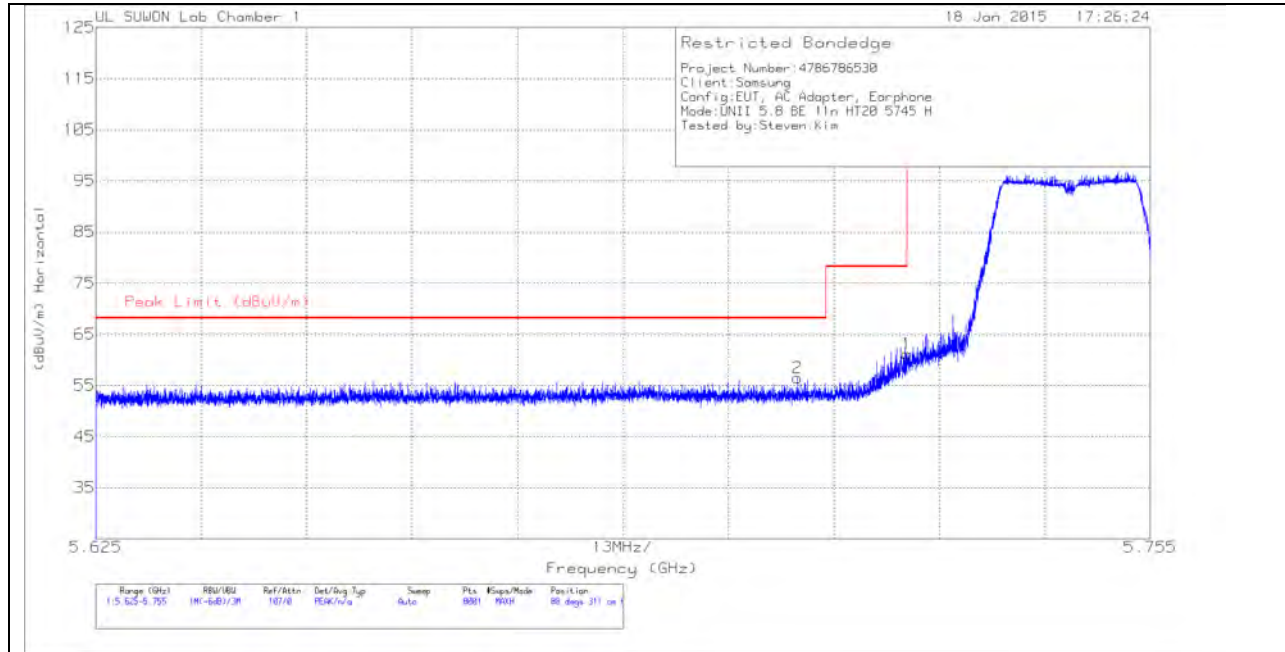
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.65	38.45	PK1	38.5	-20.8	0	56.15	-	-	74	-17.85	-	-	60	153	V
* 11.65	32.32	AD1	38.5	-20.8	0	50.02	54	-3.98	-	-	-	-	60	153	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.4.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT



HORIZONTAL DATA

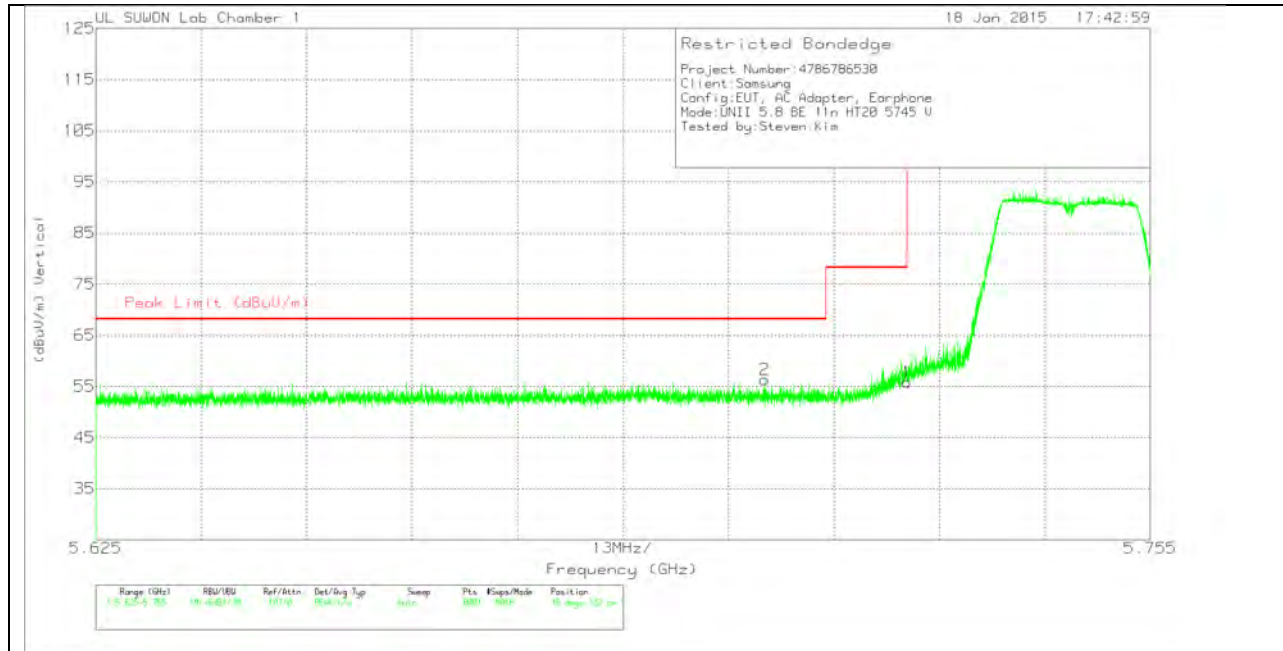
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.6	Pk	34.3	-18.8	0	61.1	78.2	-17.1	88	311	H
2	5.712	40.95	Pk	34.3	-18.8	0	56.45	68.2	-11.75	88	311	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.31	Pk	34.3	-18.8	0	55.81	78.2	-22.39	18	322	V
2	5.707	40.89	Pk	34.3	-18.8	0	56.39	68.2	-11.81	18	322	V

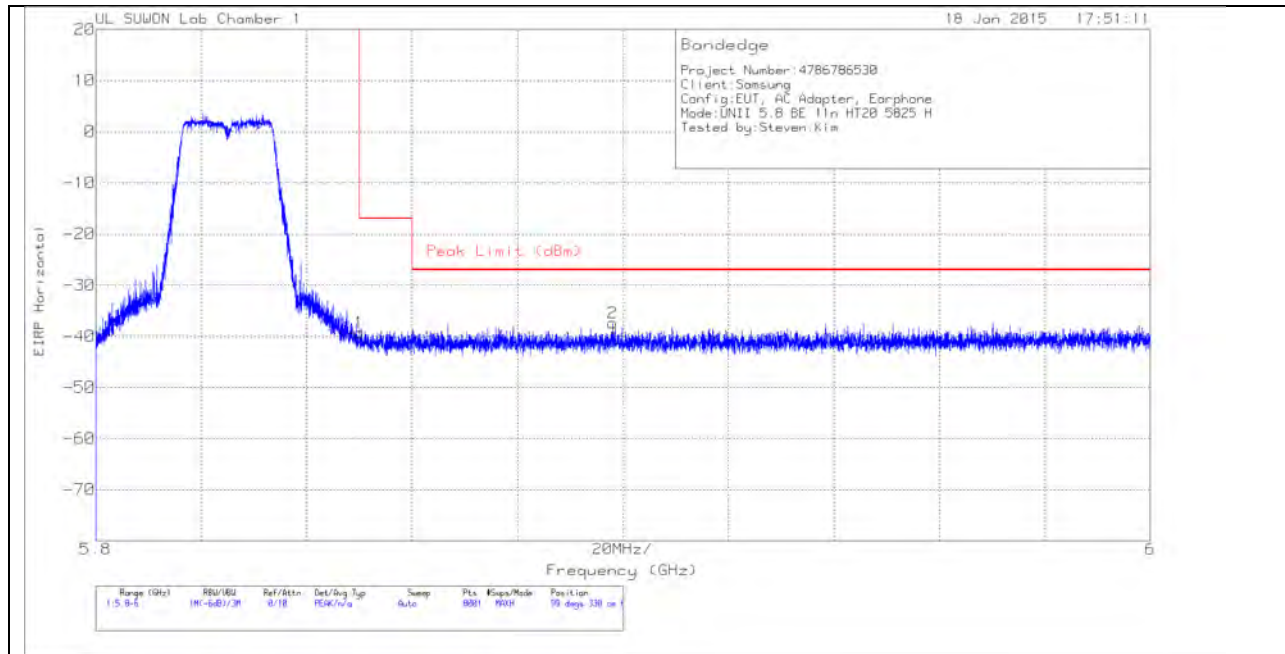
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

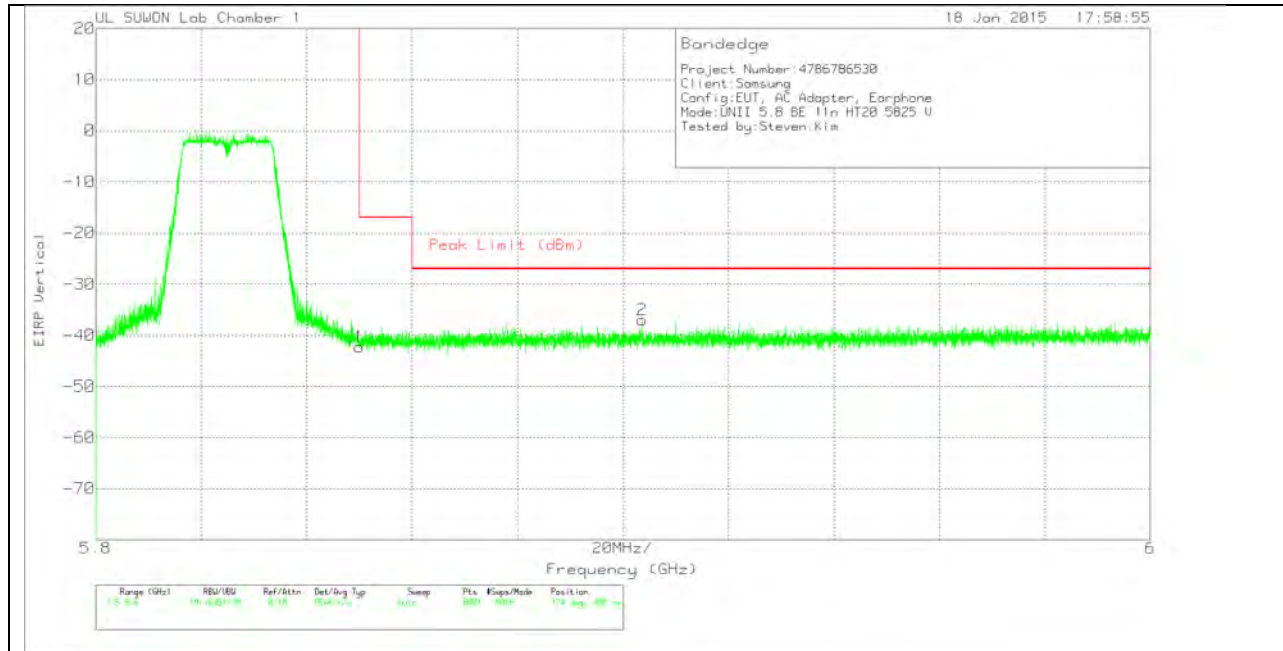
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3115D Factor	10dB_Pat h2	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.86	Pk	34.7	-18.9	11.8	0	-39.26	-17	-22.26	99	330	H
2	5.898	-65.31	Pk	34.9	-18.8	11.8	0	-37.41	-27	-10.41	99	330	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



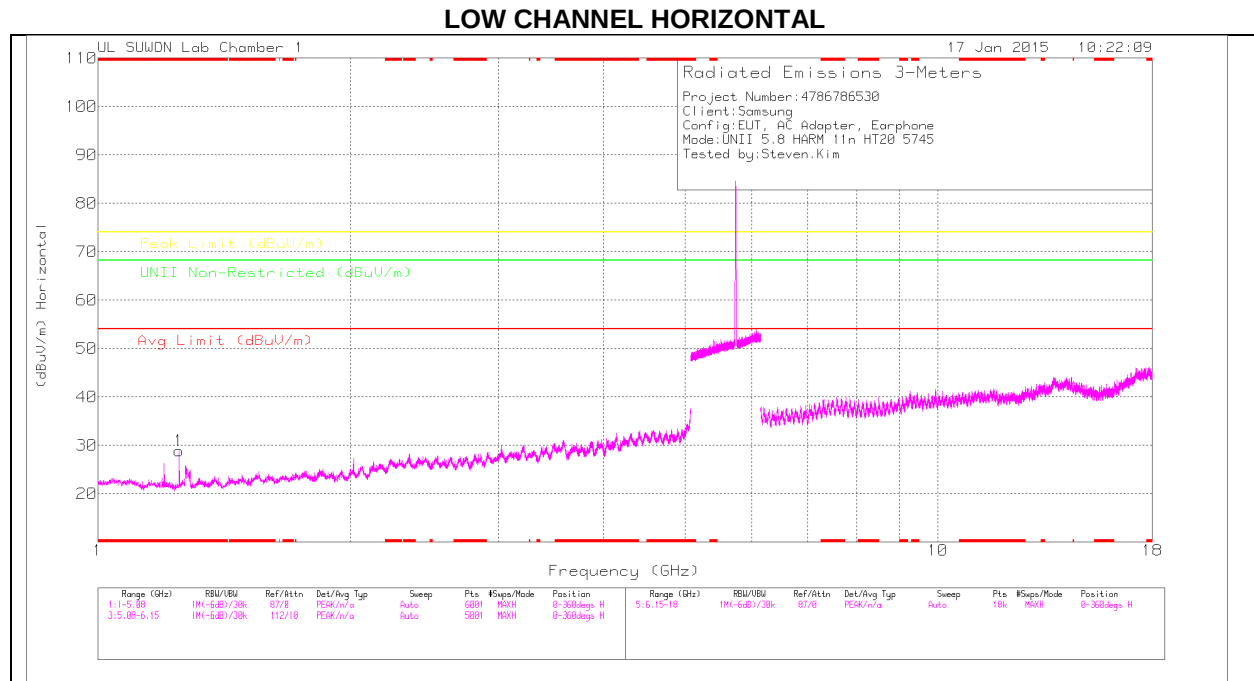
VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3115D Factor	10dB_Pat h2	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.82	Pk	34.7	-18.9	11.8	0	-42.22	-17	-25.22	174	400	V
2	5.904	-64.88	Pk	34.9	-18.8	11.8	0	-36.98	-27	-9.98	174	400	V

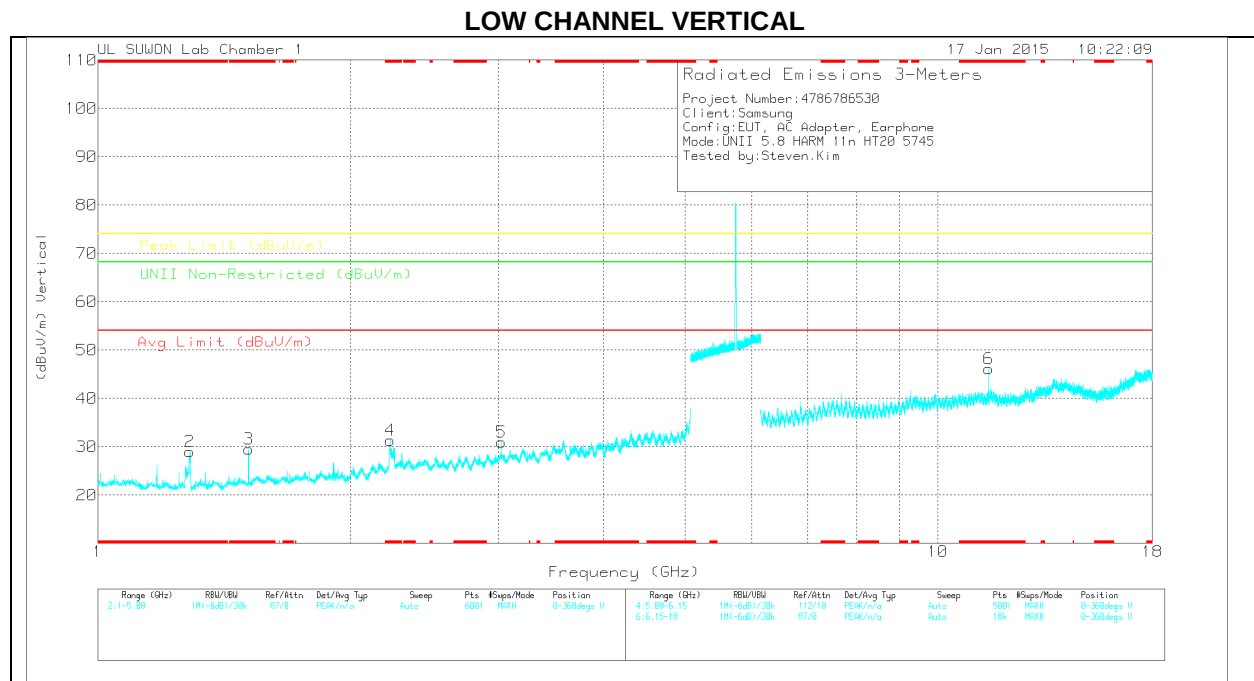
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection



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



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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	39.34	Avg	23.6	-34.1	0	28.84	54	-25.16	-	-	-	-	0-360	200	H
2	* 1.288	38.75	Avg	23.8	-33.6	0	28.95	54	-25.05	-	-	-	-	0-360	200	V
3	* 1.512	38.41	Avg	24.6	-33.5	0	29.51	54	-24.49	-	-	-	-	0-360	200	V
4	* 2.229	35.98	Avg	27.6	-32.2	0	31.38	54	-22.62	-	-	-	-	0-360	200	V
5	3.024	33.38	Avg	28.8	-31.2	0	30.98	-	-	-	-	-	-	0-360	200	V
6	* 11.49	28.53	Avg	38.6	-21	0	46.13	54	-7.87	-	-	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

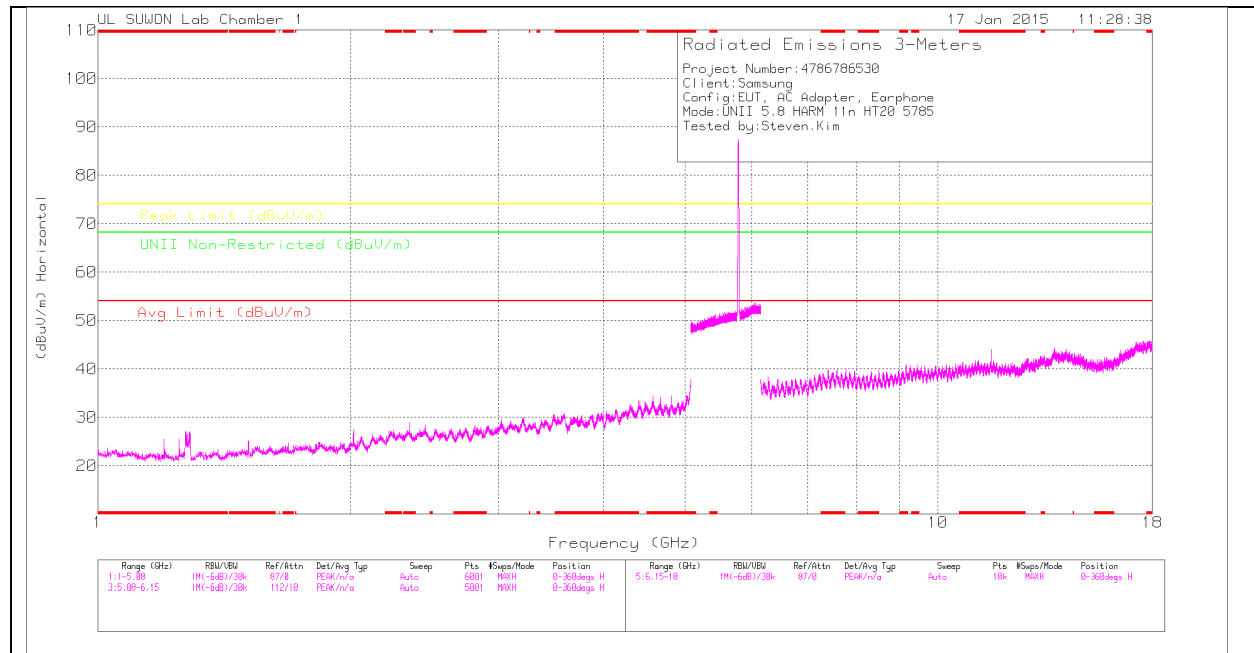
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.49	36.28	PK1	38.6	-21	0	53.88	-	-	74	-20.12	-	-	62	189	V
* 11.49	29.43	AD1	38.6	-21	0	47.03	54	-6.97	-	-	-	-	62	189	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

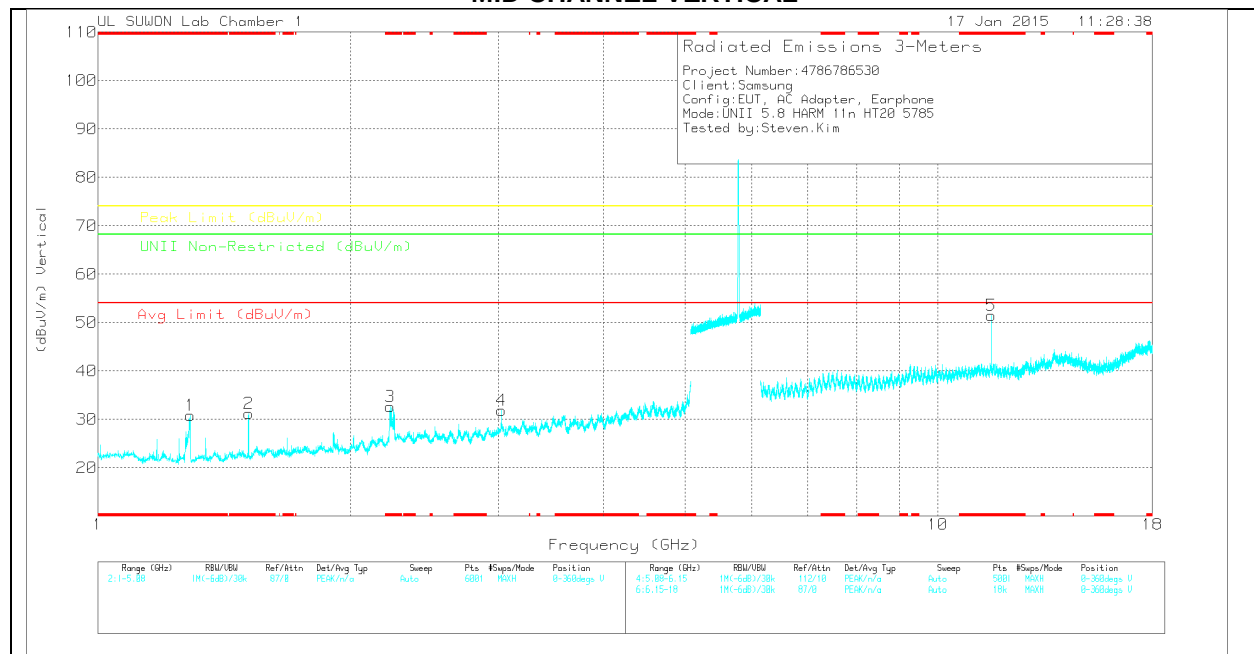
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	40.61	Avg	23.8	-33.6	0	30.81	54	-23.19	-	-	-	-	0-360	100	V
2	* 1.512	40.09	Avg	24.6	-33.5	0	31.19	54	-22.81	-	-	-	-	0-360	100	V
3	* 2.23	37.29	Avg	27.6	-32.2	0	32.69	54	-21.31	-	-	-	-	0-360	100	V
4	3.024	34.21	Avg	28.8	-31.2	0	31.81	-	-	-	-	-	-	0-360	200	V
5	* 11.57	33.52	Avg	38.6	-20.7	0	51.42	54	-2.58	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Ban

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

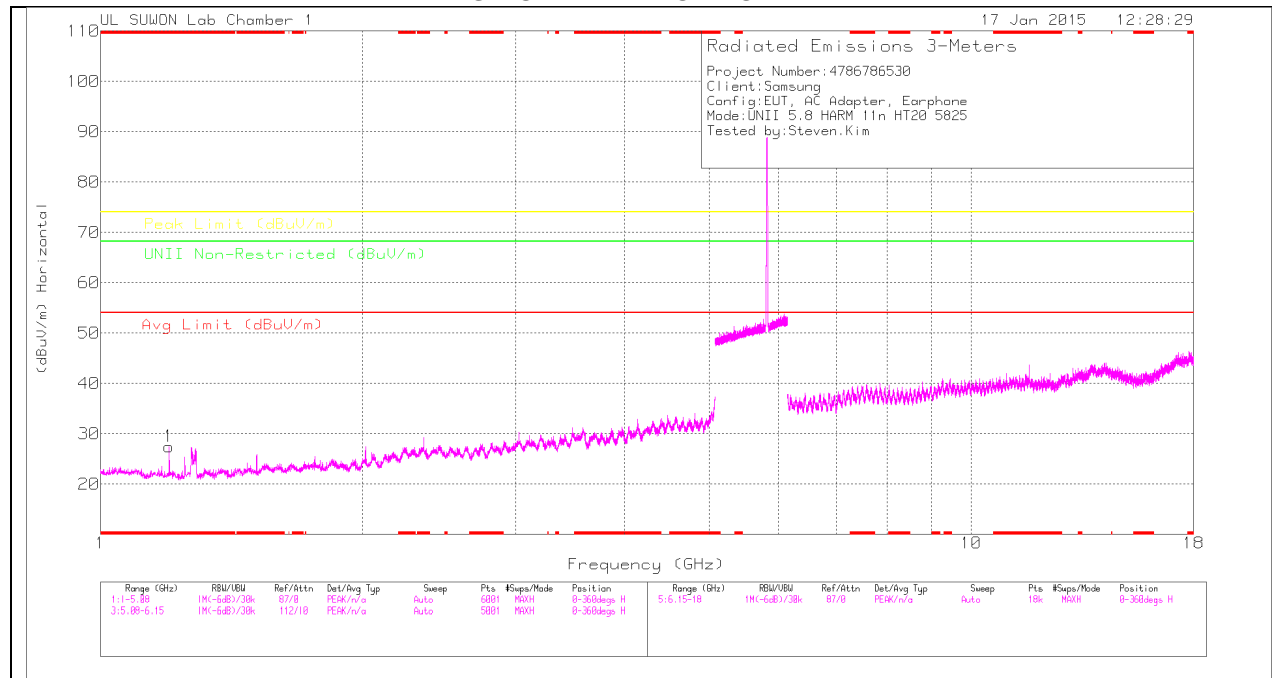
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.57	37.49	PK1	38.6	-20.7	0	55.39	-	-	74	-18.61	-	-	87	303	V
* 11.57	31.24	AD1	38.6	-20.7	0	49.14	54	-4.86	-	-	-	-	87	303	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

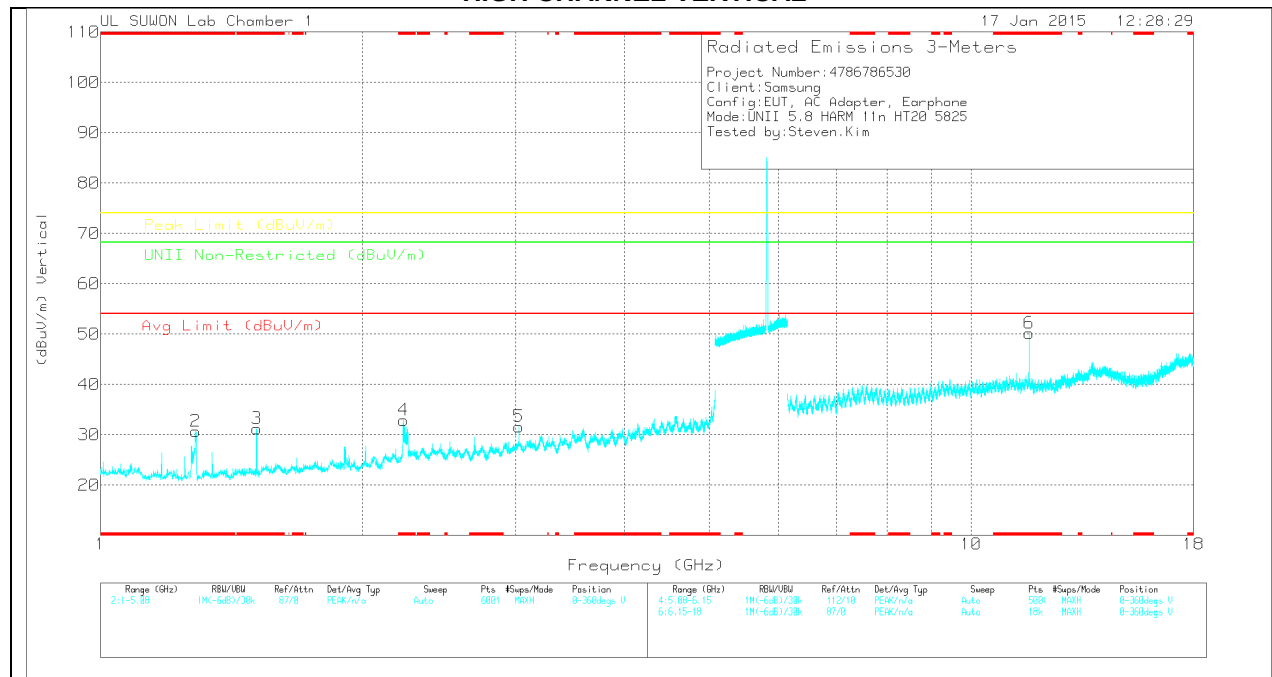
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.2	37.99	Avg	23.8	-34.4	0	27.39	54	-26.61	-	-	-	-	0-360	200	H
2	* 1.286	40.64	Avg	23.7	-33.7	0	30.64	54	-23.36	-	-	-	-	0-360	100	V
3	* 1.512	40.16	Avg	24.6	-33.5	0	31.26	54	-22.74	-	-	-	-	0-360	100	V
4	* 2.229	37.46	Avg	27.6	-32.2	0	32.86	54	-21.14	-	-	-	-	0-360	100	V
5	3.024	33.96	Avg	28.8	-31.2	0	31.56	-	-	-	-	-	-	0-360	200	V
6	* 11.65	32.46	Avg	38.5	-20.8	0	50.16	54	-3.84	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

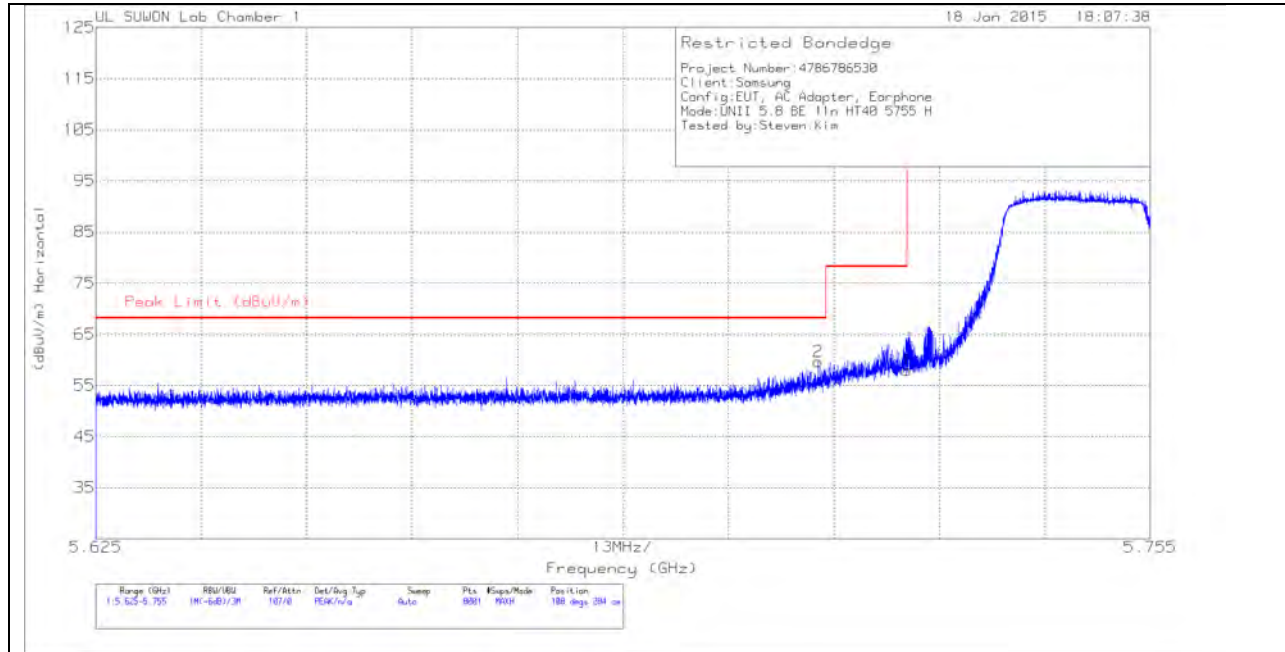
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.65	37.9	PK1	38.5	-20.8	0	55.6	-	-	74	-18.4	-	-	88	107	V
* 11.65	31.95	AD1	38.5	-20.8	0	49.65	54	-4.35	-	-	-	-	88	107	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.4.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT



HORIZONTAL DATA

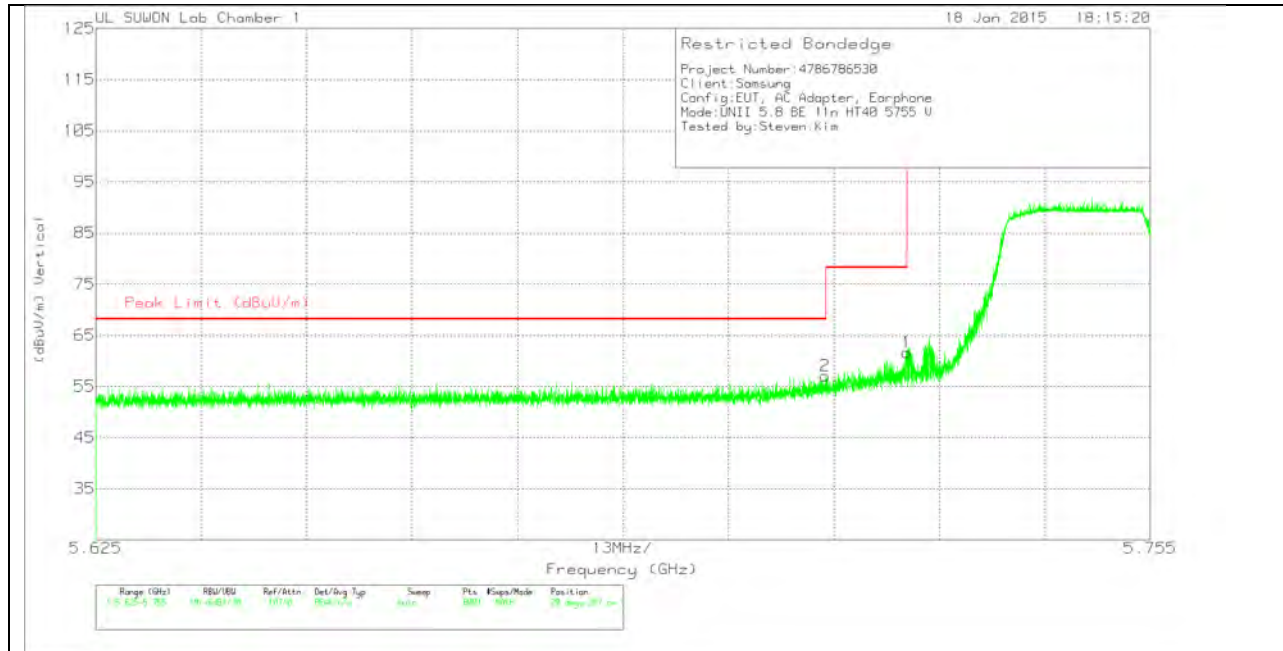
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.43	Pk	34.3	-18.8	0	57.93	78.2	-20.27	108	284	H
2	5.714	44.2	Pk	34.3	-18.8	0	59.7	68.2	-8.5	108	284	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	10dB_Pat h2	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.15	Pk	34.3	-18.8	0	61.65	78.2	-16.55	20	287	V
2	5.715	41.59	Pk	34.3	-18.8	0	57.09	68.2	-11.11	20	287	V

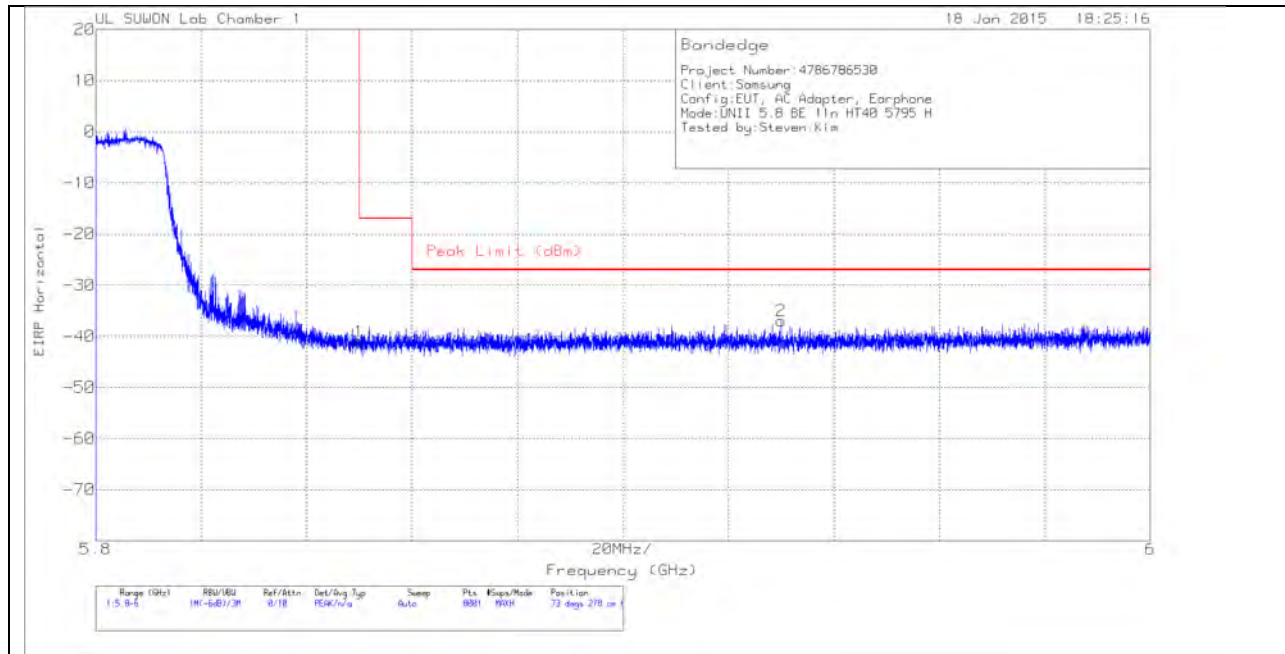
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

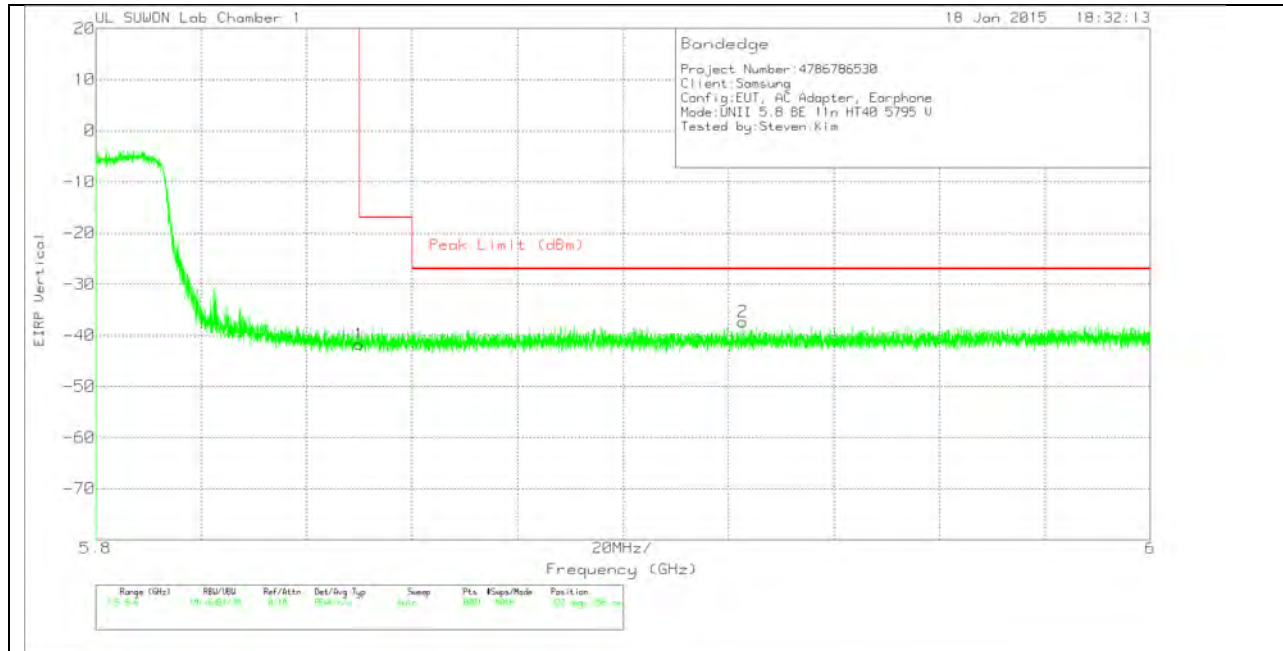
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3115D Factor	10dB_Pat h2	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.68	Pk	34.7	-18.9	11.8	0	-41.08	-17	-24.08	73	278	H
2	5.93	-65.08	Pk	35	-18.7	11.8	0	-36.98	-27	-9.98	73	278	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

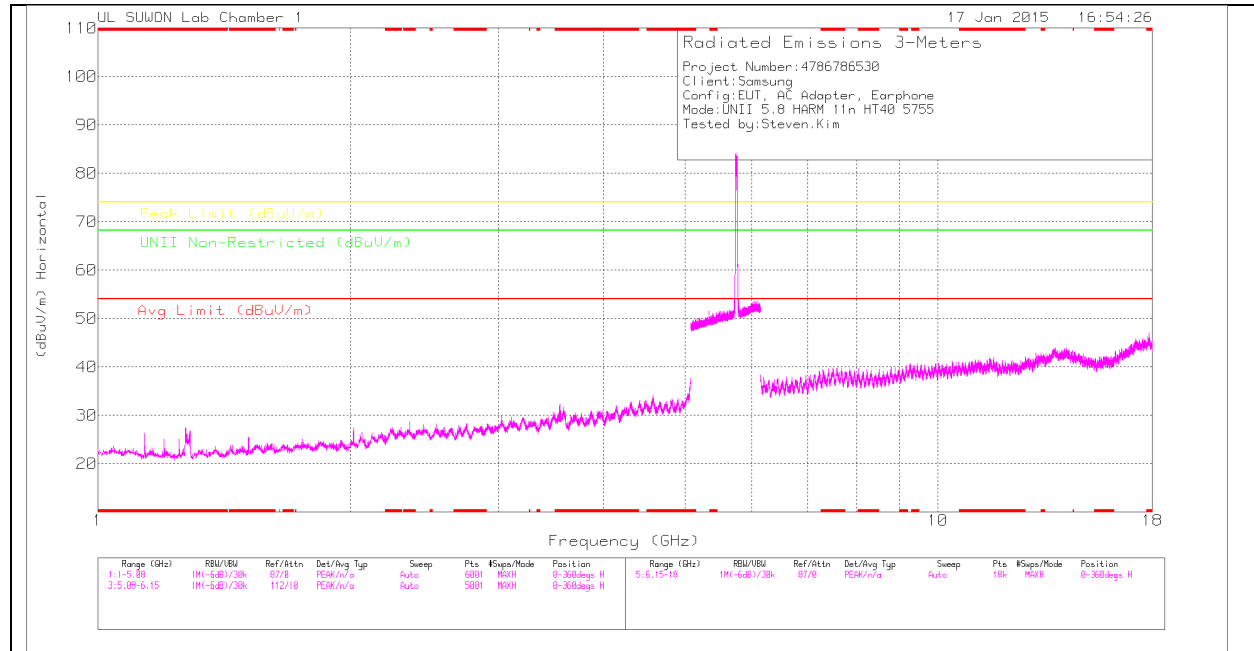
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3115D Factor	10dB_Pat h2	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.32	Pk	34.7	-18.9	11.8	0	-41.72	-17	-24.72	322	256	V
2	5.923	-65.4	Pk	35	-18.7	11.8	0	-37.3	-27	-10.3	322	256	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

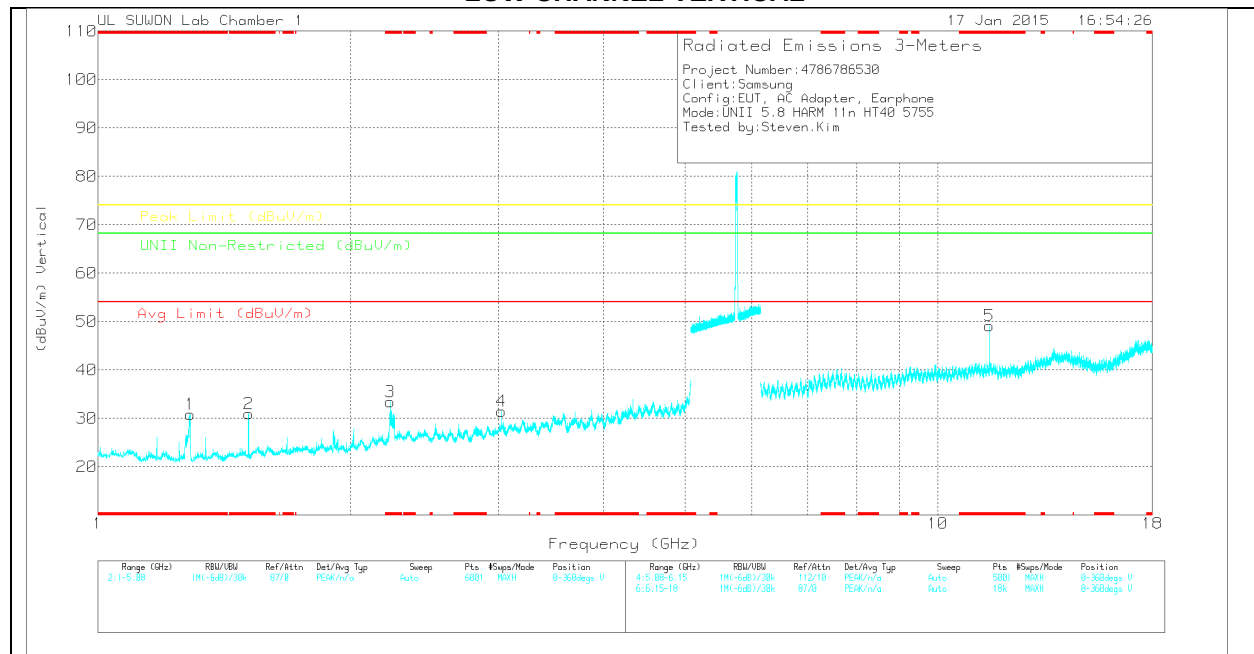
PK - Peak detector

RMS - RMS detection

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	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	40.6	Avg	23.8	-33.6	0	30.8	54	-23.2	-	-	-	-	0-360	100	V
2	* 1.512	39.85	Avg	24.6	-33.5	0	30.95	54	-23.05	-	-	-	-	0-360	100	V
3	* 2.23	38.02	Avg	27.6	-32.2	0	33.42	54	-20.58	-	-	-	-	0-360	100	V
4	3.024	33.84	Avg	28.8	-31.2	0	31.44	-	-	-	-	-	-	0-360	200	V
5	* 11.511	31.47	Avg	38.6	-20.9	0	49.17	54	-4.83	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

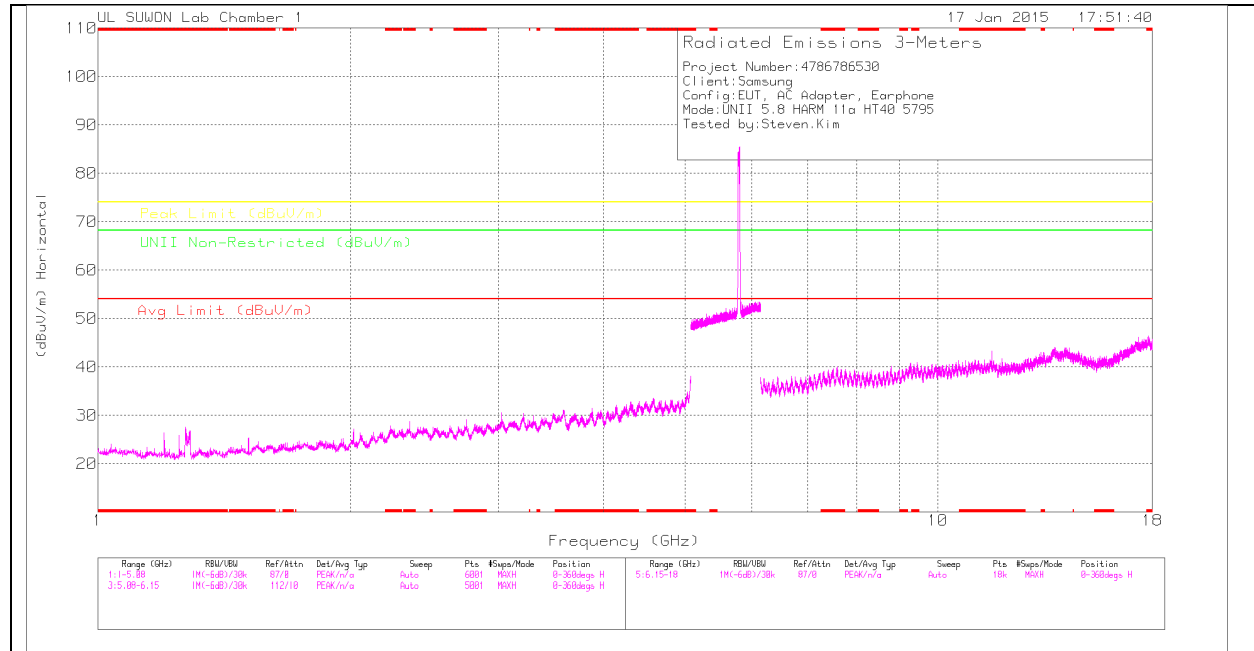
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.51	36.8	PK1	38.6	-20.9	0	54.5	-	-	74	-19.5	-	-	87	307	V
* 11.51	29.33	AD1	38.6	-20.9	0	47.03	54	-6.97	-	-	-	-	87	307	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

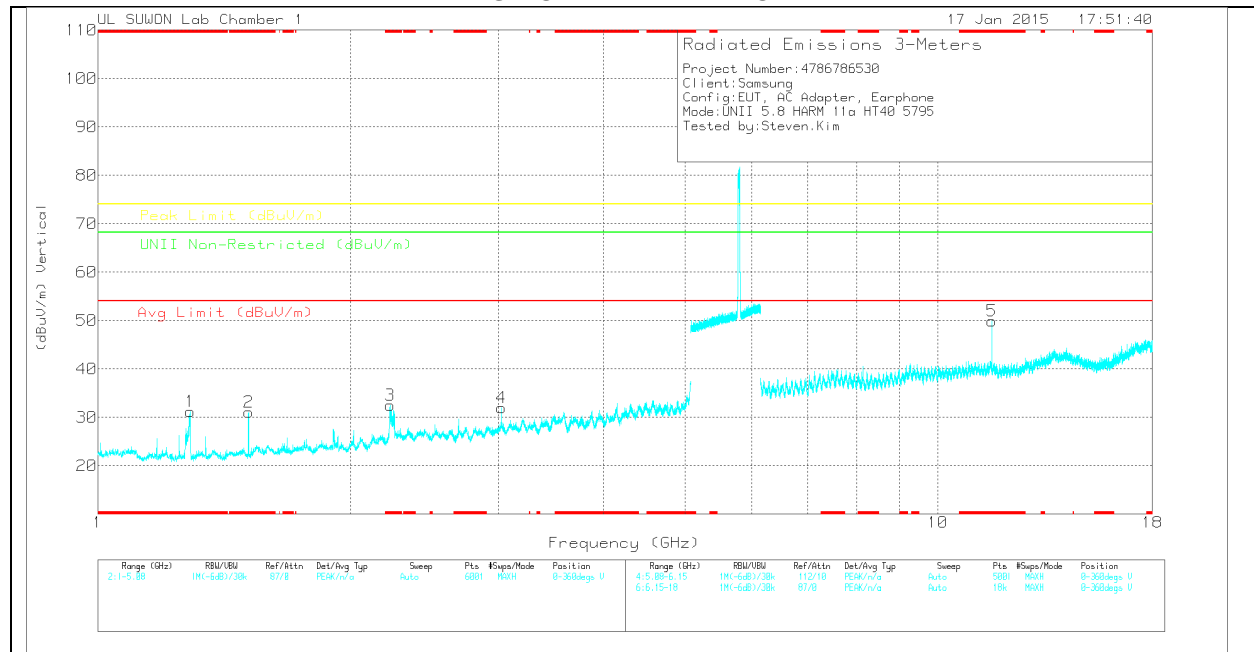
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power 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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3115D Factor	5GHz Path4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	41.01	Avg	23.8	-33.6	0	31.21	54	-22.79	-	-	-	-	0-360	100	V
2	* 1.512	39.96	Avg	24.6	-33.5	0	31.06	54	-22.94	-	-	-	-	0-360	100	V
3	* 2.23	37.1	Avg	27.6	-32.2	0	32.5	54	-21.5	-	-	-	-	0-360	100	V
4	3.024	34.37	Avg	28.8	-31.2	0	31.97	-	-	-	-	-	-	0-360	200	V
5	* 11.59	31.92	Avg	38.6	-20.6	0	49.92	54	-4.08	-	-	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	6GHz HPF_Path5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.59	37.73	PK1	38.6	-20.6	0	55.73	-	-	74	-18.27	-	-	84	112	V
* 11.59	32.21	AD1	38.6	-20.6	0	50.21	54	-3.79	-	-	-	-	84	112	V

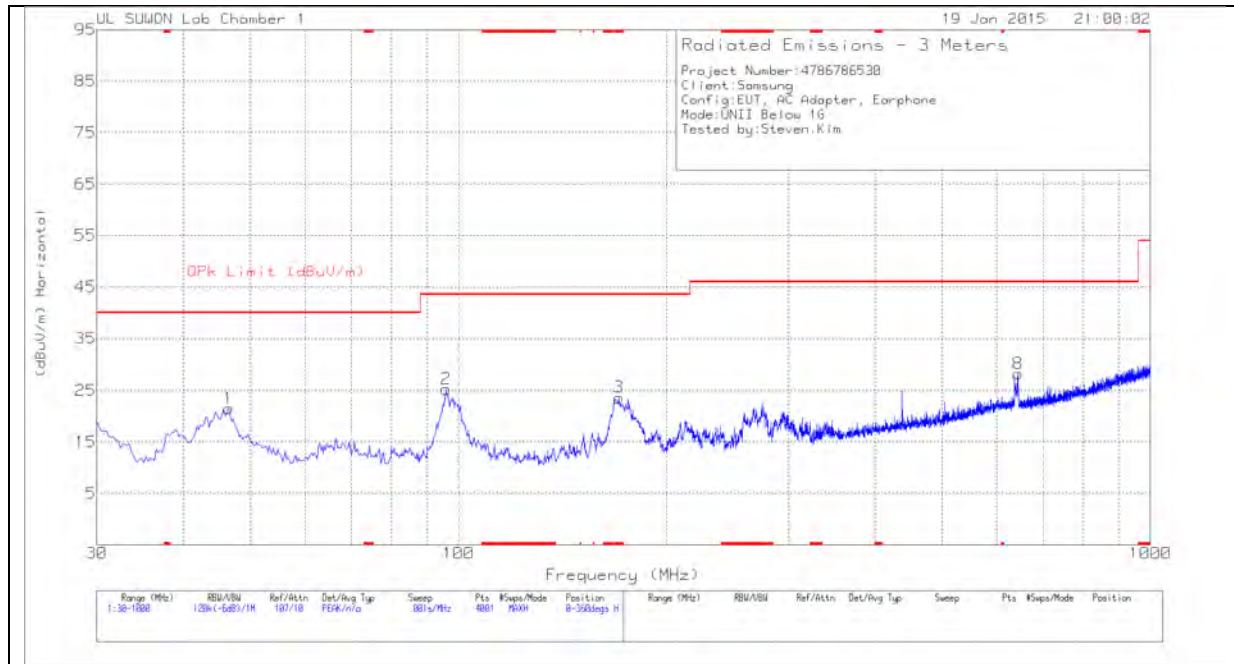
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

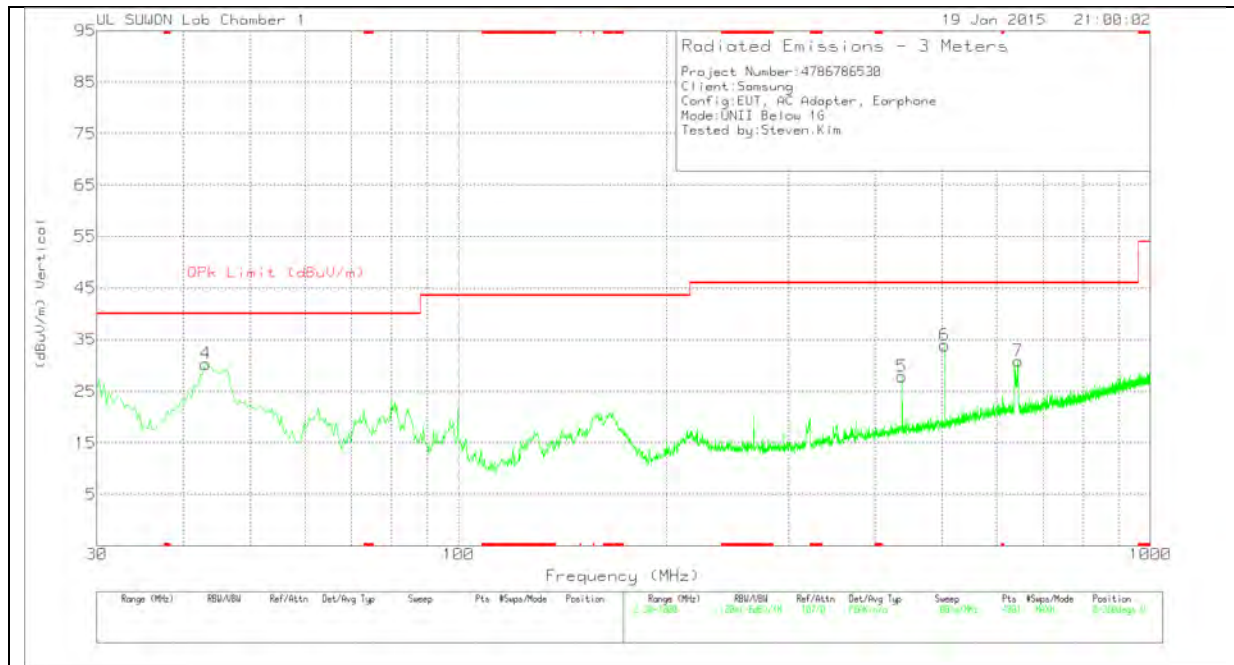
AD1 - KDB789033 Method: AD Primary Power Average

12. WORST-CASE BELOW 1 GHz (in the 5.3 GHz Band)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)



SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)



Below 1G Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-750	Bi-Log Ant Pathloss	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	46.49	38.23	Pk	13.7	-30.4	21.53	40	-18.47	0-360	400	H
2	95.96	44.16	Pk	10.7	-29.6	25.26	43.52	-18.26	0-360	100	H
3	* 170.4075	43.45	Pk	9	-28.8	23.65	43.52	-19.87	0-360	100	H
8	644.2525	34.76	Pk	19.3	-25.8	28.26	46.02	-17.76	0-360	400	H
4	43.095	47.69	Pk	13.2	-30.5	30.39	40	-9.61	0-360	100	V
5	437.6425	38.65	Pk	16.1	-26.8	27.95	46.02	-18.07	0-360	200	V
6	504.0875	43.23	Pk	17.1	-26.4	33.93	46.02	-12.09	0-360	100	V
7	644.2525	37.42	Pk	19.3	-25.8	30.92	46.02	-15.1	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

13. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 7.2.2

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 [*]	56 to 46 [*]
0.5-5	56	46
5-30	60	50

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

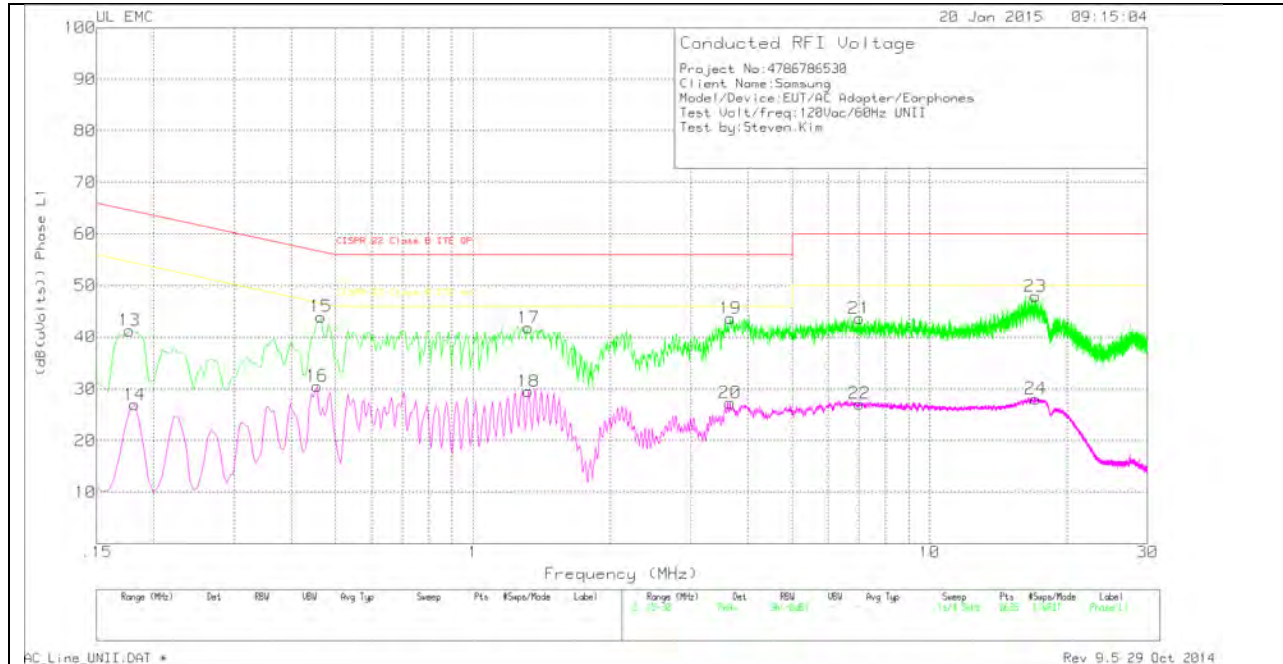
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

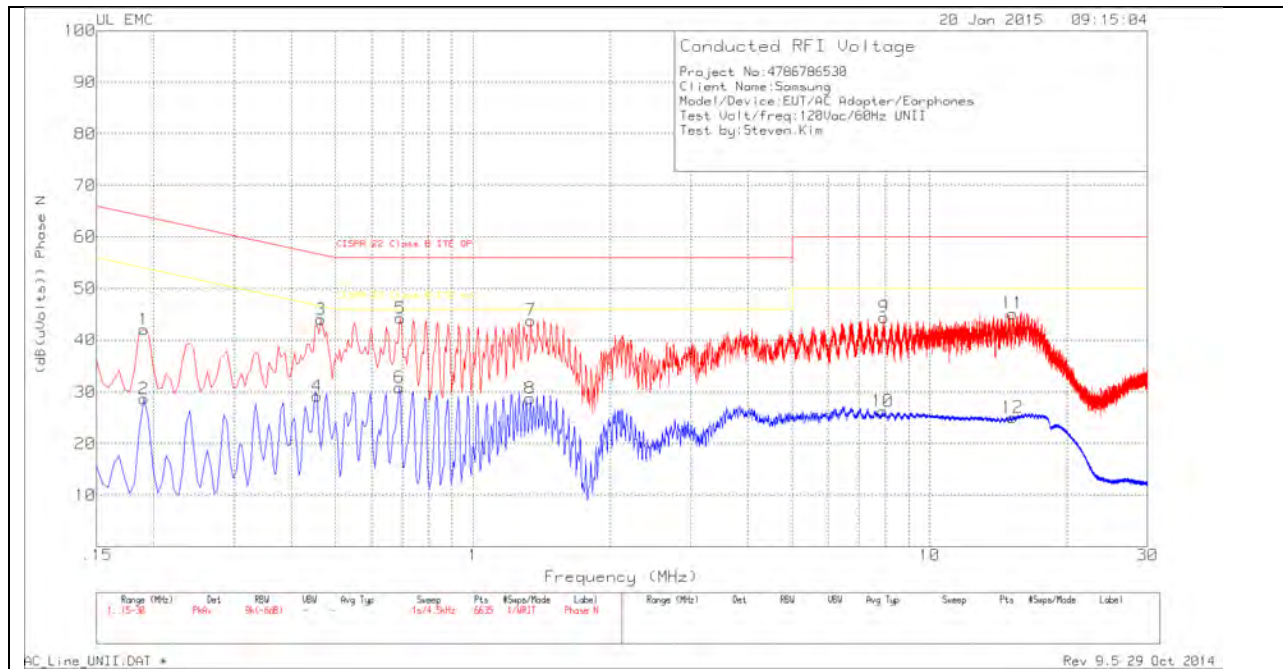
Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.177	31.45	Pk	9.8	0	41.25	64.63	-23.38	-	-
14	.1815	17.19	Av	9.8	0	26.99	-	-	54.42	-27.43
15	.465	33.93	Pk	10	0	43.93	56.6	-12.67	-	-
16	.456	20.6	Av	10	0	30.6	-	-	46.77	-16.17
17	1.3245	32.18	Pk	9.5	.1	41.78	56	-14.22	-	-
18	1.3245	19.96	Av	9.5	.1	29.56	-	-	46	-16.44
19	3.66	34.12	Pk	9.4	.1	43.62	56	-12.38	-	-
20	3.6555	17.82	Av	9.4	.1	27.32	-	-	46	-18.68
21	7.0125	34.11	Pk	9.4	.1	43.61	60	-16.39	-	-
22	7.0215	17.68	Av	9.4	.1	27.18	-	-	50	-22.82
23	17.0385	38.32	Pk	9.4	.2	47.92	60	-12.08	-	-
24	17.061	18.55	Av	9.4	.2	28.15	-	-	50	-21.85

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_N	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.1905	32.04	Pk	10	0	42.04	64.01	-21.97	-	-
2	.1905	18.7	Av	10	0	28.7	-	-	54.01	-25.31
3	.465	33.88	Pk	10.1	0	43.98	56.6	-12.62	-	-
4	.456	19.09	Av	10.1	0	29.19	-	-	46.77	-17.58
5	.6945	34.21	Pk	10	0	44.21	56	-11.79	-	-
6	.69	20.93	Av	10	0	30.93	-	-	46	-15.07
7	1.338	33.89	Pk	9.8	.1	43.79	56	-12.21	-	-
8	1.3335	18.88	Av	9.8	.1	28.78	-	-	46	-17.22
9	7.935	34.61	Pk	9.7	.1	44.41	60	-15.59	-	-
10	7.89	16.52	Av	9.7	.1	26.32	-	-	50	-23.68
11	15.1755	35.15	Pk	9.8	.2	45.15	60	-14.85	-	-
12	15.1845	15.08	Av	9.8	.2	25.08	-	-	50	-24.92

