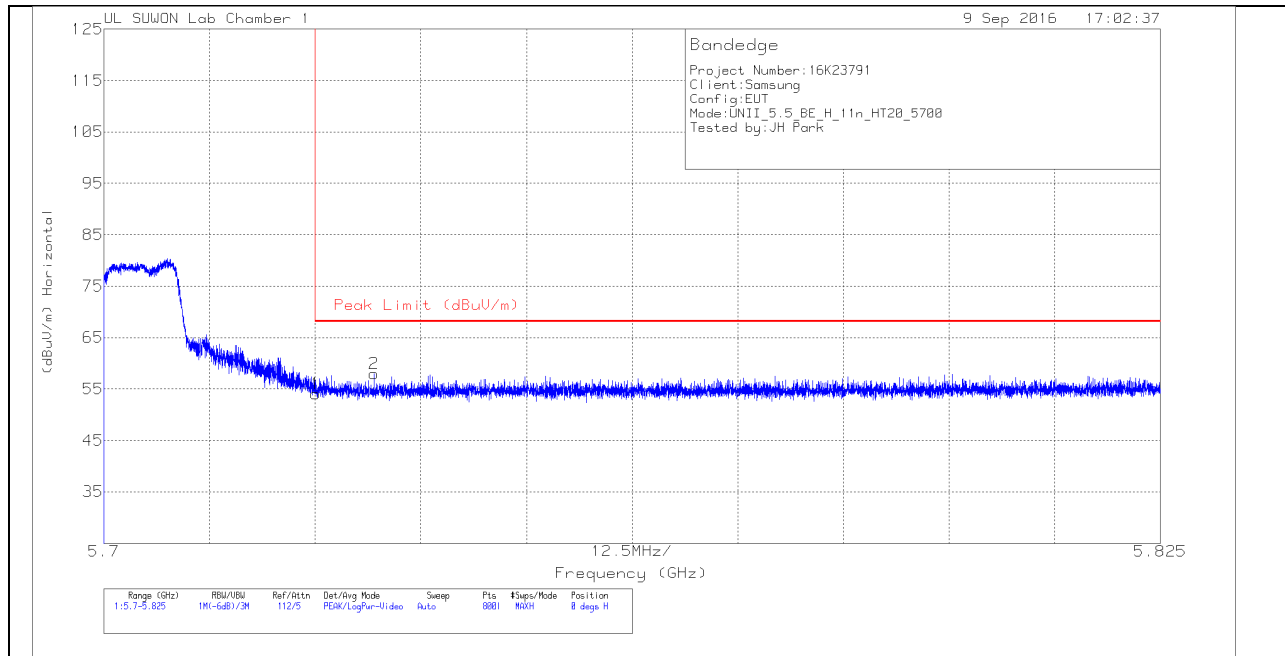


AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

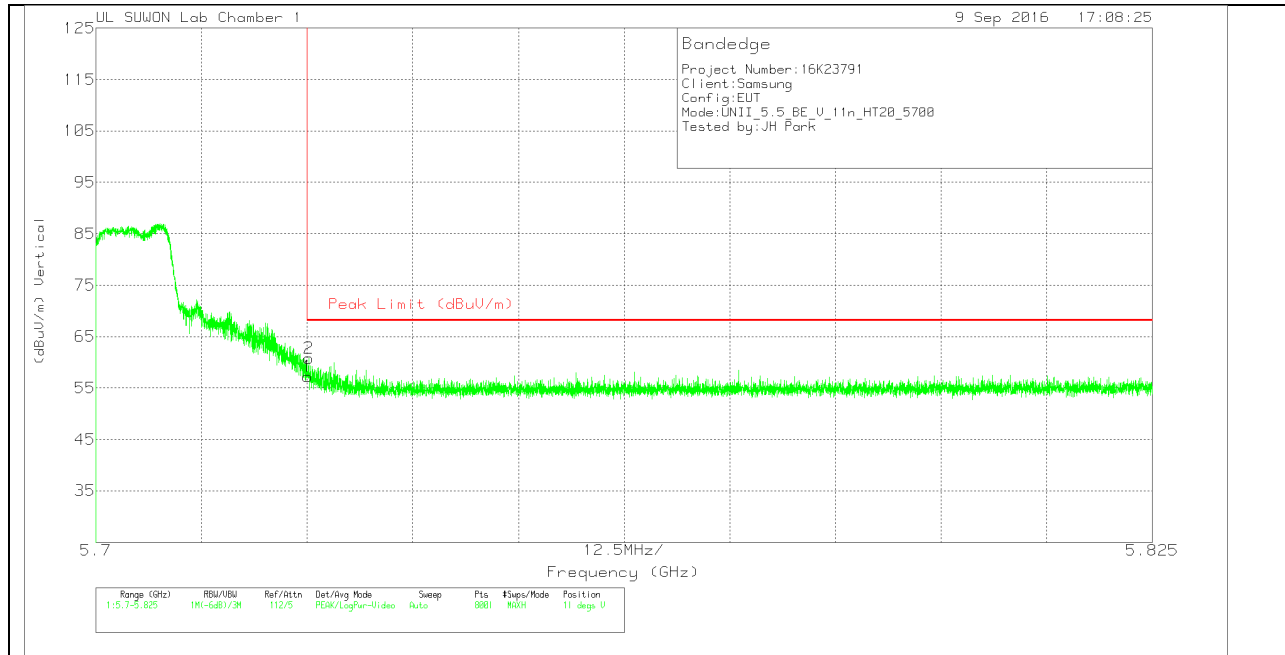
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/00168 717_15061 9	Path_2	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.12	Pk			54.12	68.2	-14.08	0	150	H
2	5.732	45.96	Pk			57.96	68.2	-10.24	0	150	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	Path_2	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.3	Pk	34.8	-22.8	57.3	68.2	-10.9	11	100	V
2	5.725	48.76	Pk	34.8	-22.8	60.76	68.2	-7.44	11	100	V

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

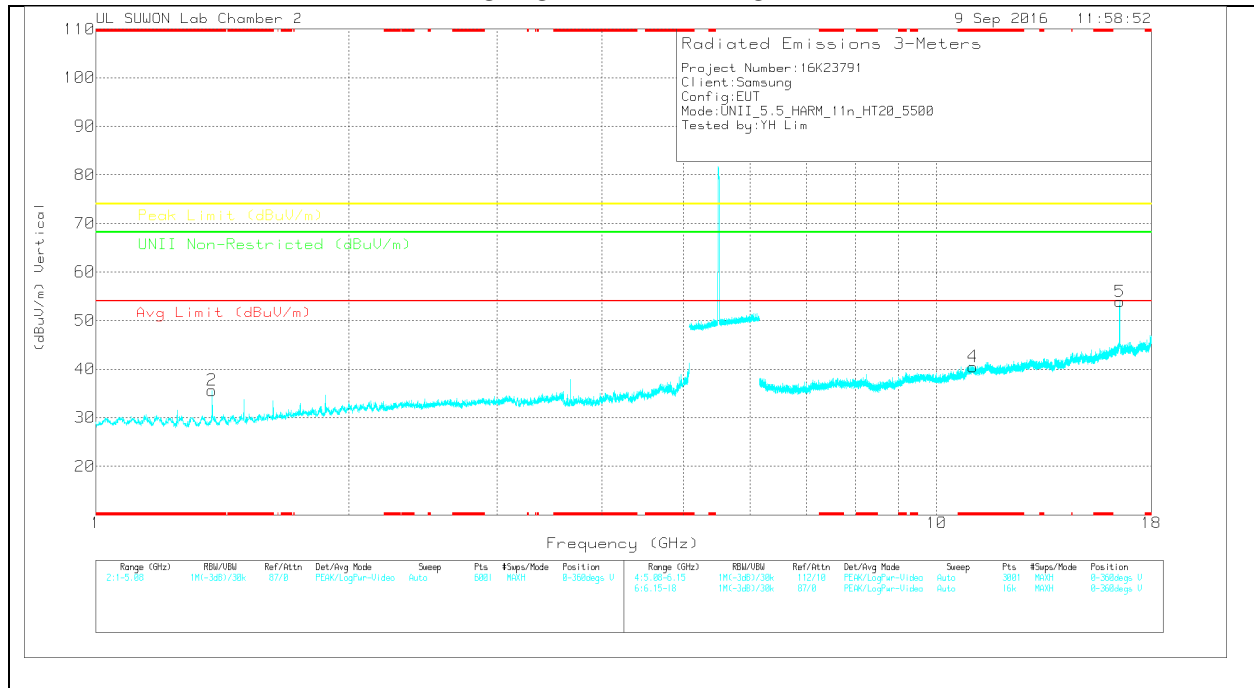
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_4	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	* 1.375	33.04	Pk	28.4	-27.7	33.74	-	-	74	-40.26	-	-	0-360	150	H
2	* 1.375	34.91	Pk	28.4	-27.7	35.61	-	-	74	-38.39	-	-	0-360	150	V
3	* 11.039	20.23	Pk	38.1	-17.7	40.63	-	-	74	-33.37	-	-	0-360	250	H
6	16.5	24.91	Pk	41	-16.1	49.81	-	-	-	-	68.2	-18.39	0-360	250	H
4	* 11.042	20.12	Pk	38.1	-17.7	40.52	-	-	74	-33.48	-	-	0-360	150	V
5	16.5	29	Pk	41	-16.1	53.9	-	-	-	-	68.2	-14.3	0-360	250	V

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

Pk – Peak detector

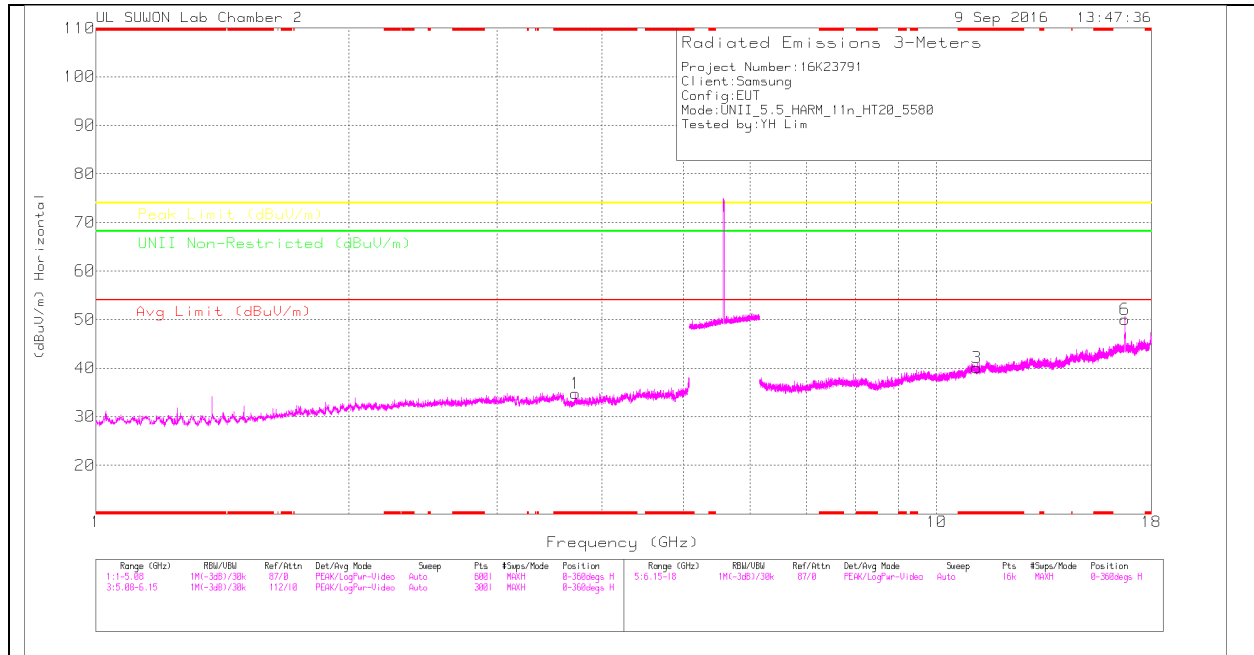
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
16.502	37.4	PK-U	41	-16.1	62.3	-	-	-	-	68.2	-5.9	95	220	H
16.497	37.84	PK-U	41	-16.1	62.74	-	-	-	-	68.2	-5.46	18	360	V

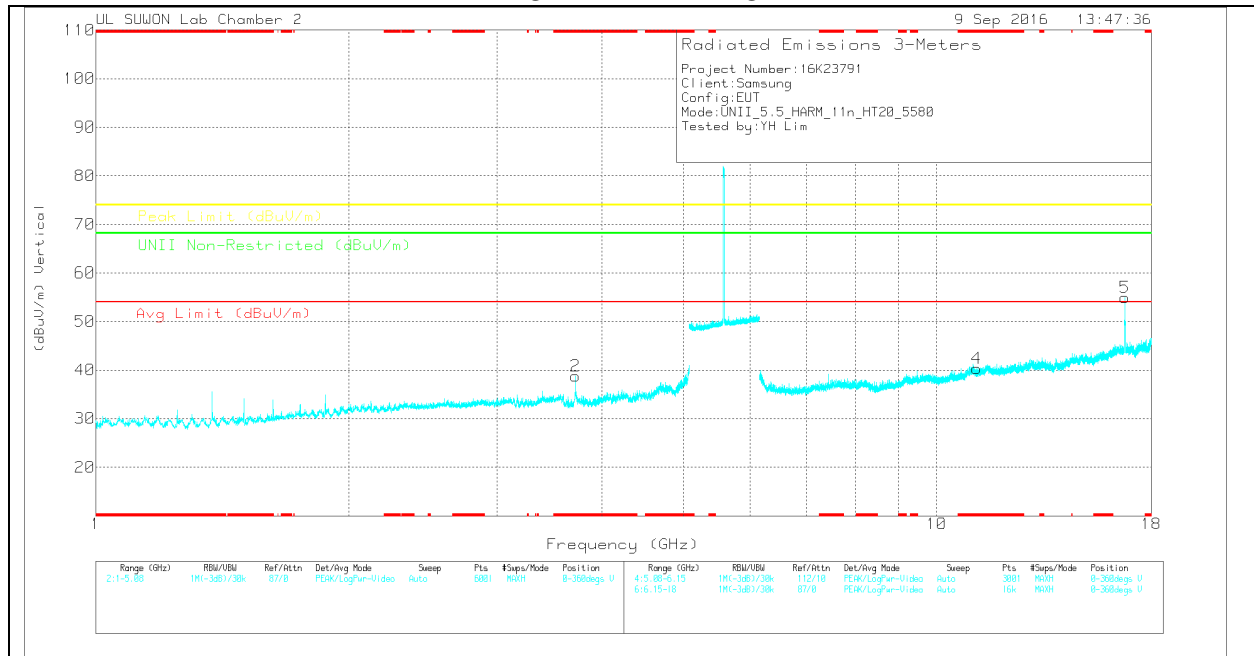
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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(00168724)_150619	Path_4	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	* 3.721	27.71	Pk	33	-26	34.71	-	-	74	-39.29	-	-	0-360	250	H
2	* 3.72	31.73	Pk	33	-26	38.73	-	-	74	-35.27	-	-	0-360	150	V
3	* 11.159	19.63	Pk	38.1	-17.7	40.03	-	-	74	-33.97	-	-	0-360	150	H
6	16.748	24.57	Pk	41	-15.6	49.97	-	-	-	-	68.2	-18.23	0-360	250	H
4	* 11.161	19.94	Pk	38.1	-17.7	40.34	-	-	74	-33.66	-	-	0-360	150	V
5	16.745	29.59	Pk	41	-15.6	54.99	-	-	-	-	68.2	-13.21	0-360	250	V

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

Pk – Peak detector

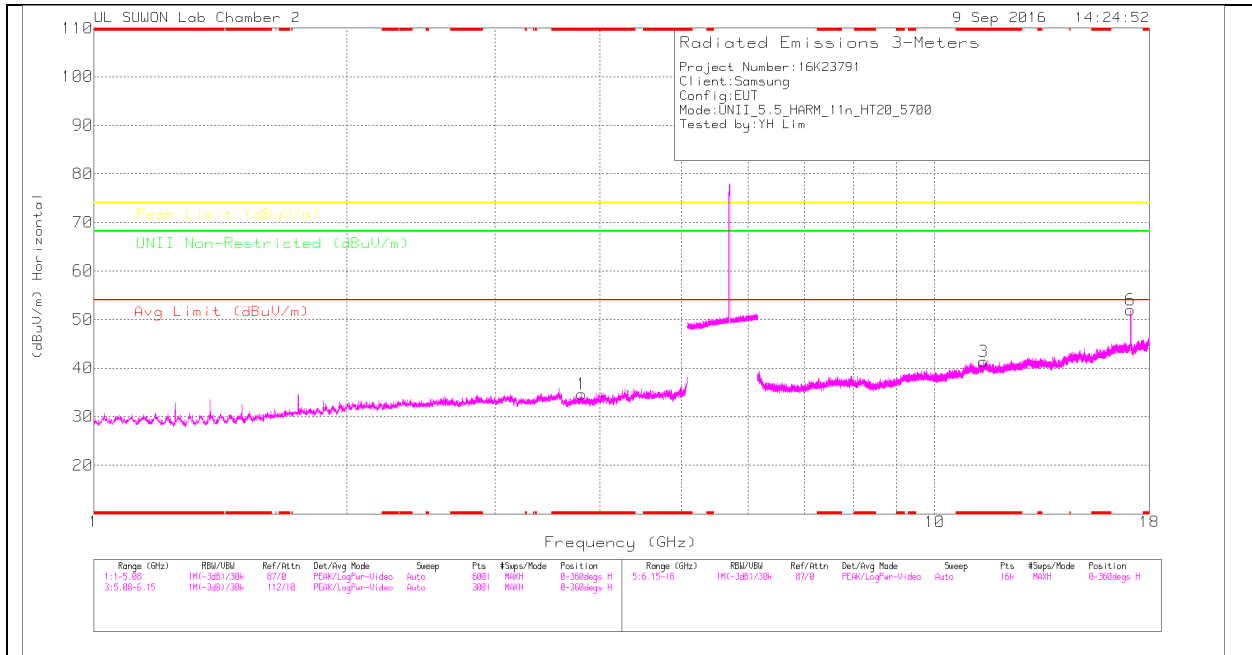
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
16.747	38.16	PK-U	41	-15.6	63.56	-	-	-	-	68.2	-4.64	101	400	H
16.747	39.92	PK-U	41	-15.6	65.32	-	-	-	-	68.2	-2.88	73	300	V

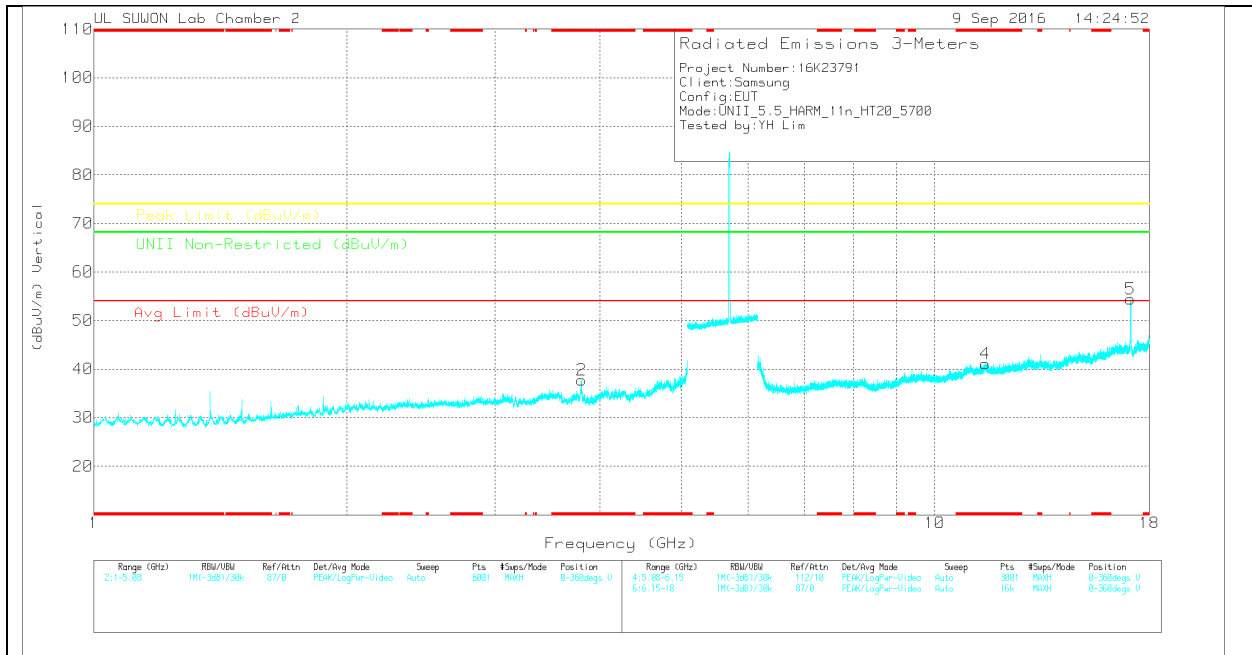
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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(00168724)_150619	Path_4	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	* 3.8	27.47	PK	33.1	-25.9	34.67	-	-	74	-39.33	-	-	0-360	250	H
2	* 3.8	30.51	PK	33.1	-25.9	37.71	-	-	74	-36.29	-	-	0-360	150	V
3	* 11.438	20.47	PK	38.3	-17.4	41.37	-	-	74	-32.63	-	-	0-360	250	H
6	17.101	26.12	PK	41.1	-15.3	51.92	-	-	-	-	68.2	-16.28	0-360	250	H
4	* 11.481	20.34	PK	38.3	-17.5	41.14	-	-	74	-32.86	-	-	0-360	250	V
5	17.102	28.6	PK	41.1	-15.3	54.4	-	-	-	-	68.2	-13.8	0-360	250	V

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

PK – Peak detector

Radiated Emissions

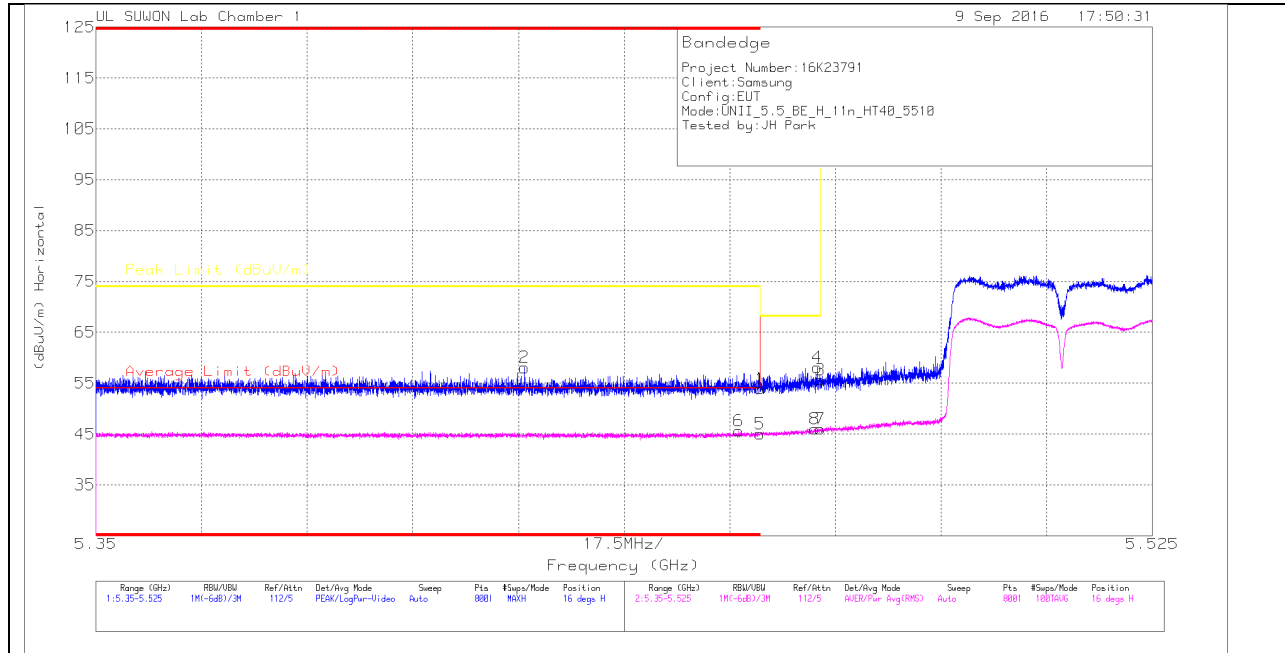
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
17.107	38.27	PK-U	41.1	-15.3	64.07	-	-	-	-	68.2	-4.13	85	217	H
17.098	39.98	PK-U	41.1	-15.3	65.78	-	-	-	-	68.2	-2.42	62	300	V

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

PK-U - U-NII: Maximum Peak

11.3.3. TX ABOVE 1GHz 802.11n HT40 2TX CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

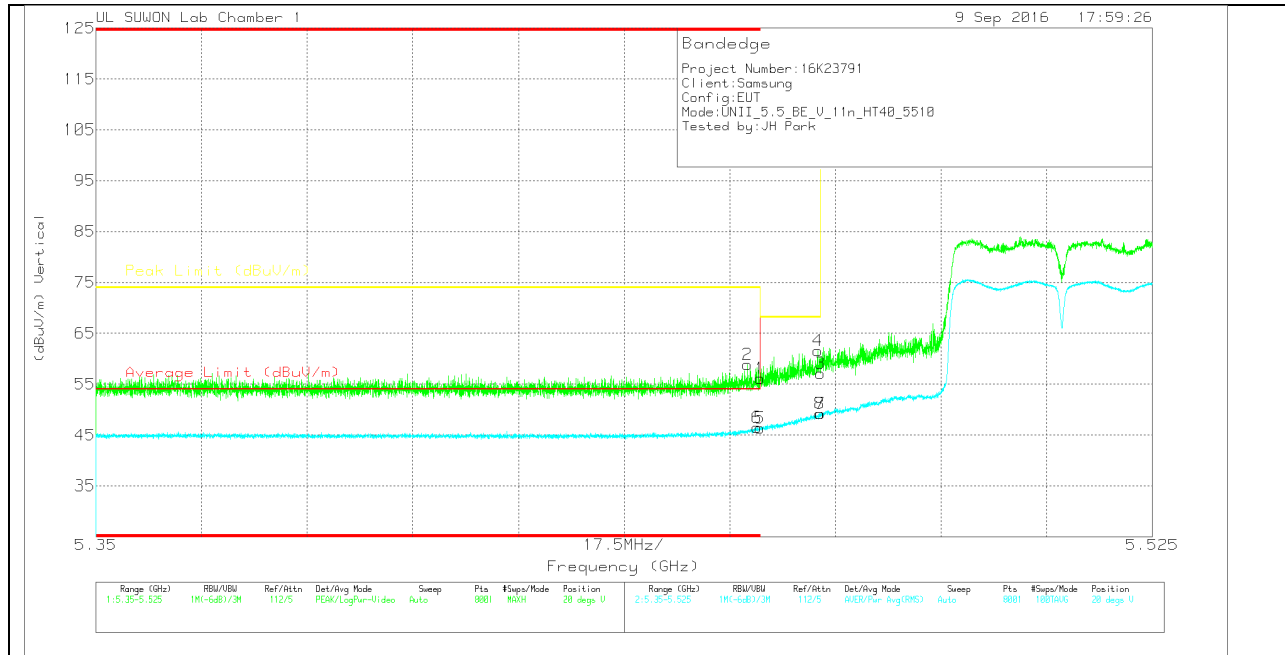
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	42.53	Pk	34.6	-23.2	53.93	-	-	74	-20.07	16	140	H
2	* 5.421	46.76	Pk	34.6	-23.3	58.06	-	-	74	-15.94	16	140	H
3	5.47	44.12	Pk	34.6	-23.1	55.62	-	-	68.2	-12.58	16	140	H
4	5.47	46.58	Pk	34.6	-23.1	58.08	-	-	68.2	-10.12	16	140	H
5	* 5.46	33.62	RMS	34.6	-23.2	45.02	54	-8.98	-	-	16	140	H
6	* 5.456	34.17	RMS	34.6	-23.2	45.57	54	-8.43	-	-	16	140	H

* - indicates frequency in CFR15.205/IC7.2.2 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(0016 8717)_150 619	Path_2	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	44.71	Pk	34.6	-23.2	56.11	-	-	74	-17.89	20	100	V
2	* 5.458	47.49	Pk	34.6	-23.2	58.89	-	-	74	-15.11	20	100	V
3	5.47	45.6	Pk	34.6	-23.1	57.1	-	-	68.2	-11.1	20	100	V
4	5.47	50.12	Pk	34.6	-23.1	61.62	-	-	68.2	-6.58	20	100	V
5	* 5.46	34.95	RMS	34.6	-23.2	46.35	54	-7.65	-	-	20	100	V
6	* 5.46	35.04	RMS	34.6	-23.2	46.44	54	-7.56	-	-	20	100	V

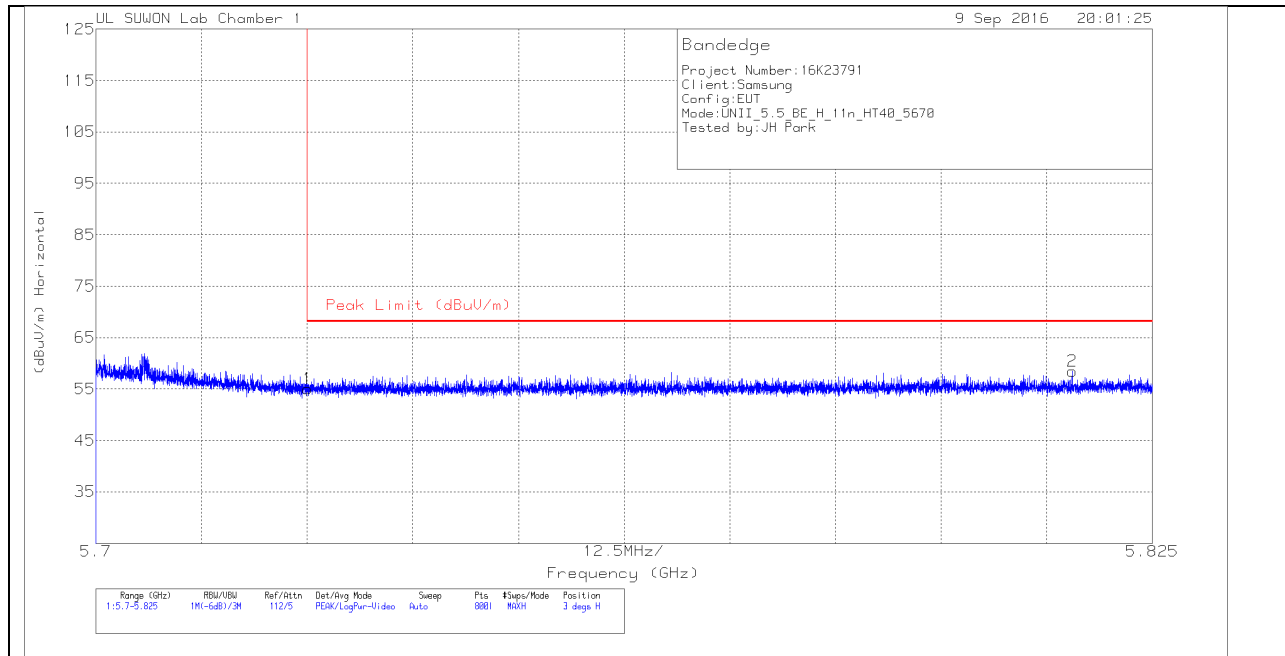
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

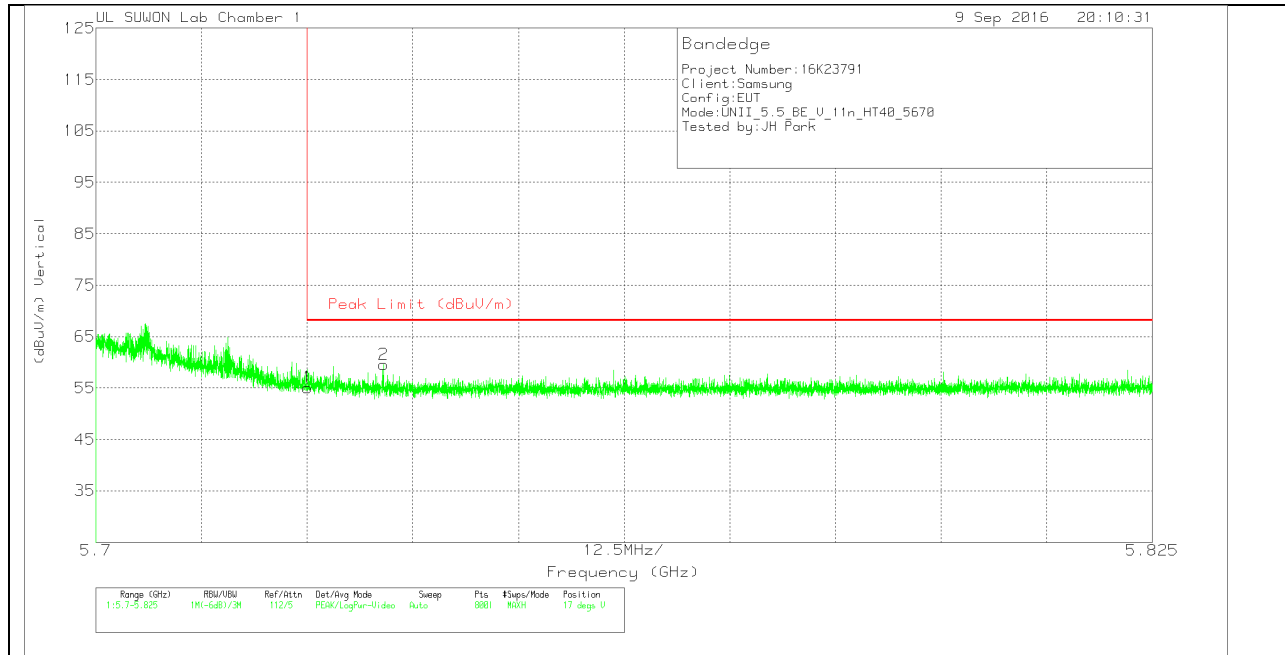
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/00168 717_15061 9	Path_2	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.01	Pk		-22.8	55.01	68.2	-13.19	3	150	H
2	5.816	46.08	Pk		-22.4	58.48	68.2	-9.72	3	150	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

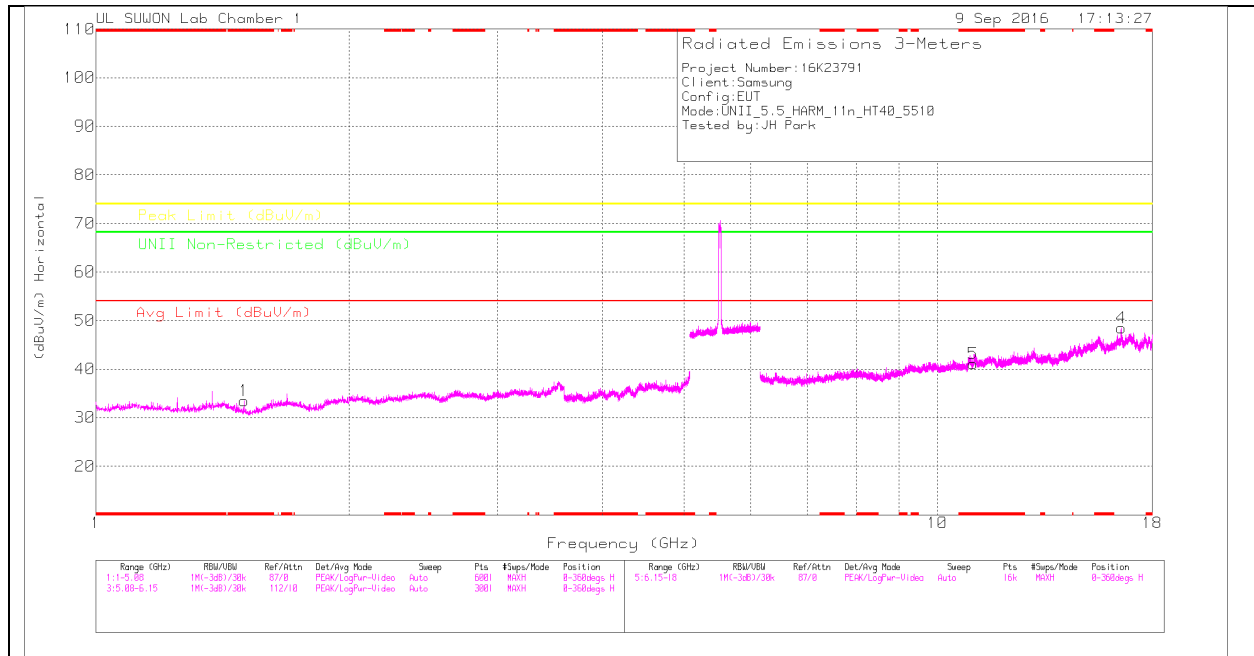
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	Path_2	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.11	Pk	34.8	-22.8	55.11	68.2	-13.09	17	130	V
2	5.734	47.52	Pk	34.8	-22.8	59.52	68.2	-8.68	17	130	V

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

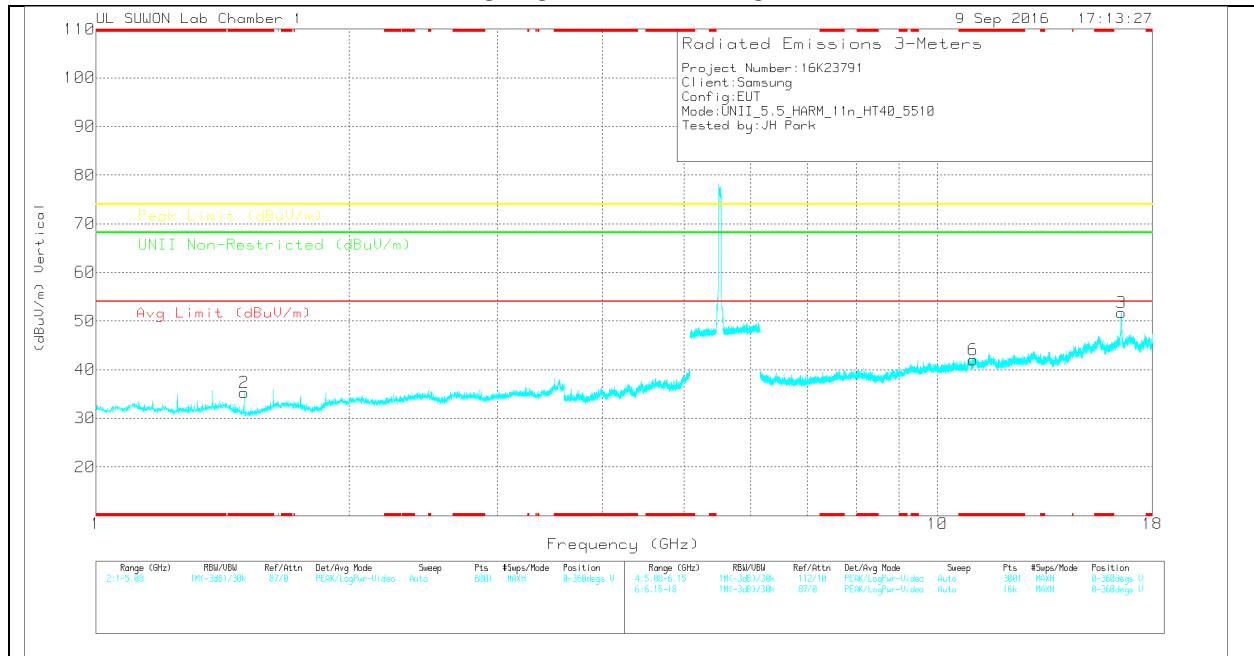
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168717)_150619	Path_4	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	* 1.5	44.87	PK	28.6	-40	33.47	-	-	74	-40.53	-	-	0-360	150	H
2	* 1.5	46.66	PK	28.6	-40	35.26	-	-	74	-38.74	-	-	0-360	149	V
4	16.531	29.33	PK	41.2	-22.1	48.43	-	-	-	-	68.2	-19.77	0-360	150	H
5	* 11.018	30.26	PK	38.2	-27.3	41.16	-	-	74	-32.84	-	-	0-360	150	H
3	16.53	32.64	PK	41.2	-22.1	51.74	-	-	-	-	68.2	-16.46	0-360	250	V
6	* 11.022	30.96	PK	38.2	-27.2	41.96	-	-	74	-32.04	-	-	0-360	150	V

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

PK – Peak detector

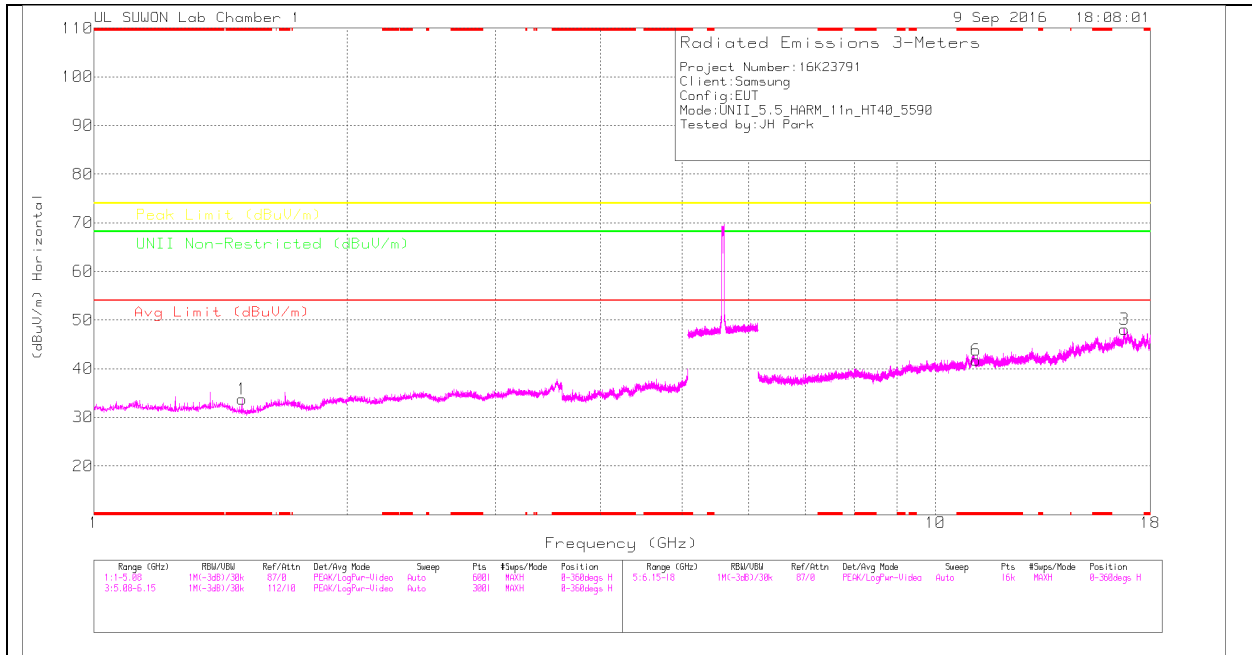
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168717)_150619	Path_5	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
16.528	40.83	PK-U	41.2	-22.1	59.93	-	-	-	-	68.2	-8.27	224	100	V
16.525	40.3	PK-U	41.2	-22.1	59.4	-	-	-	-	68.2	-8.8	360	200	H

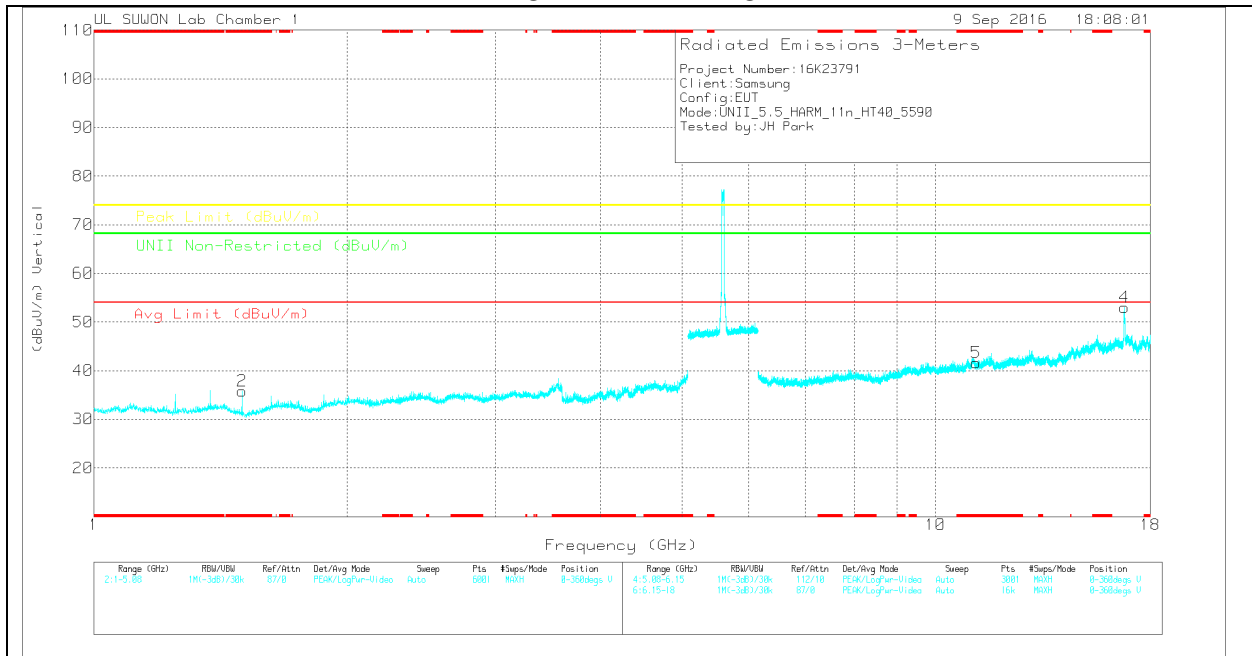
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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)_150619	Path_4	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	* 1.5	45.1	PK	28.6	-40	33.7	-	-	74	-40.3	-	-	0-360	150	H
2	* 1.5	47.19	PK	28.6	-40	35.79	-	-	74	-38.21	-	-	0-360	250	V
3	16.762	27.94	PK	41.3	-21.1	48.14	-	-	-	-	68.2	-20.06	0-360	250	H
6	* 11.179	30.59	PK	38.3	-27.1	41.79	-	-	74	-32.21	-	-	0-360	150	H
4	16.762	32.83	PK	41.3	-21.1	53.03	-	-	-	-	68.2	-15.17	0-360	250	V
5	* 11.179	30.42	PK	38.3	-27.1	41.62	-	-	74	-32.38	-	-	0-360	150	V

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

PK – Peak detector

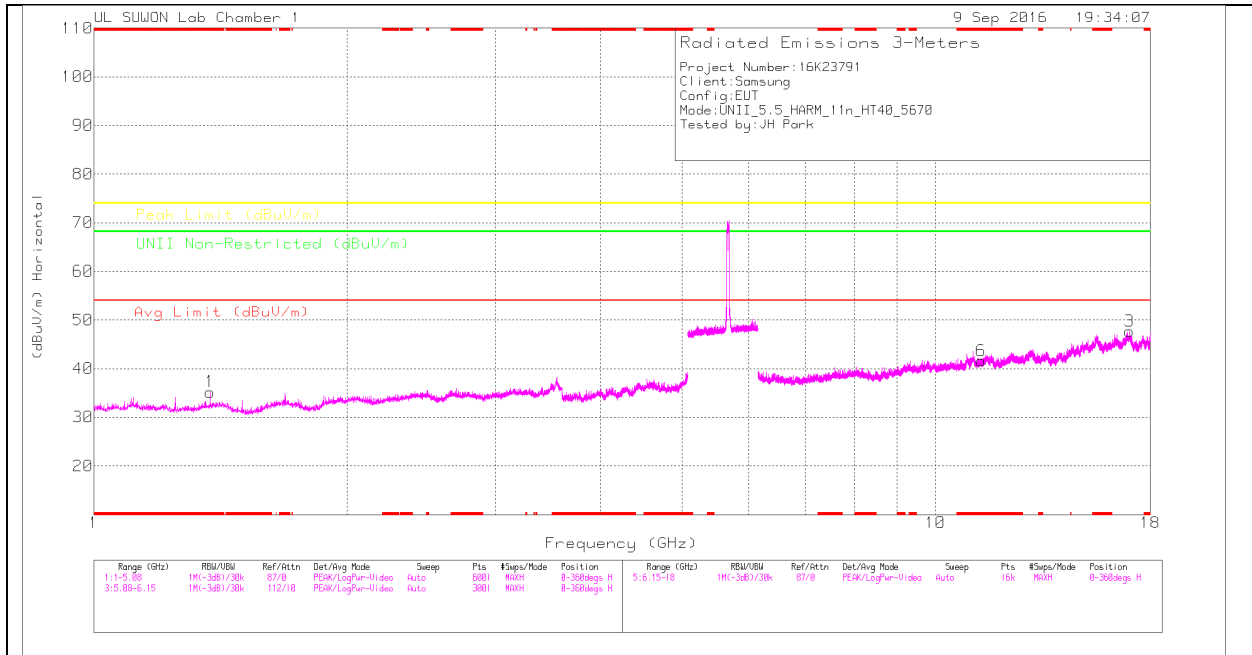
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168717)_150619	Path_5	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
16.751	40.51	PK-U	41.3	-21.2	60.61	-	-	-	-	68.2	-7.59	229	201	V
16.764	39.37	PK-U	41.3	-21.1	59.57	-	-	-	-	68.2	-8.63	360	364	H

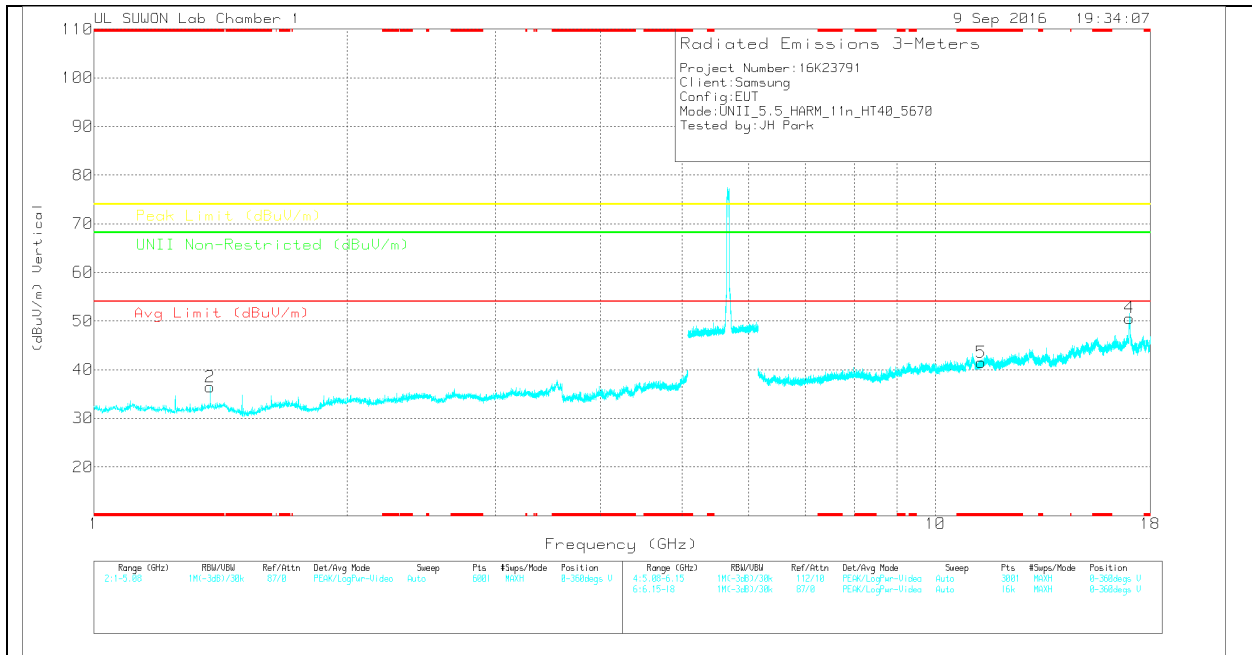
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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)_150619	Path_4	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	* 1.375	46.82	PK	28.5	-40.1	35.22	-	-	74	-38.78	-	-	0-360	150	H
2	* 1.375	48.1	PK	28.5	-40.1	36.5	-	-	74	-37.5	-	-	0-360	250	V
3	17.005	27.95	PK	41.4	-21.7	47.65	-	-	-	-	68.2	-20.55	0-360	250	H
6	* 11.34	29.88	PK	38.5	-26.8	41.58	-	-	74	-32.42	-	-	0-360	250	H
4	17.014	30.61	PK	41.4	-21.4	50.61	-	-	-	-	68.2	-17.59	0-360	250	V
5	* 11.338	29.79	PK	38.5	-26.8	41.49	-	-	74	-32.51	-	-	0-360	150	V

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

PK – Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168717)_150619	Path_5	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
16.996	39.75	PK-U	41.4	-21.7	59.45	-	-	-	-	68.2	-8.75	227	100	V

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

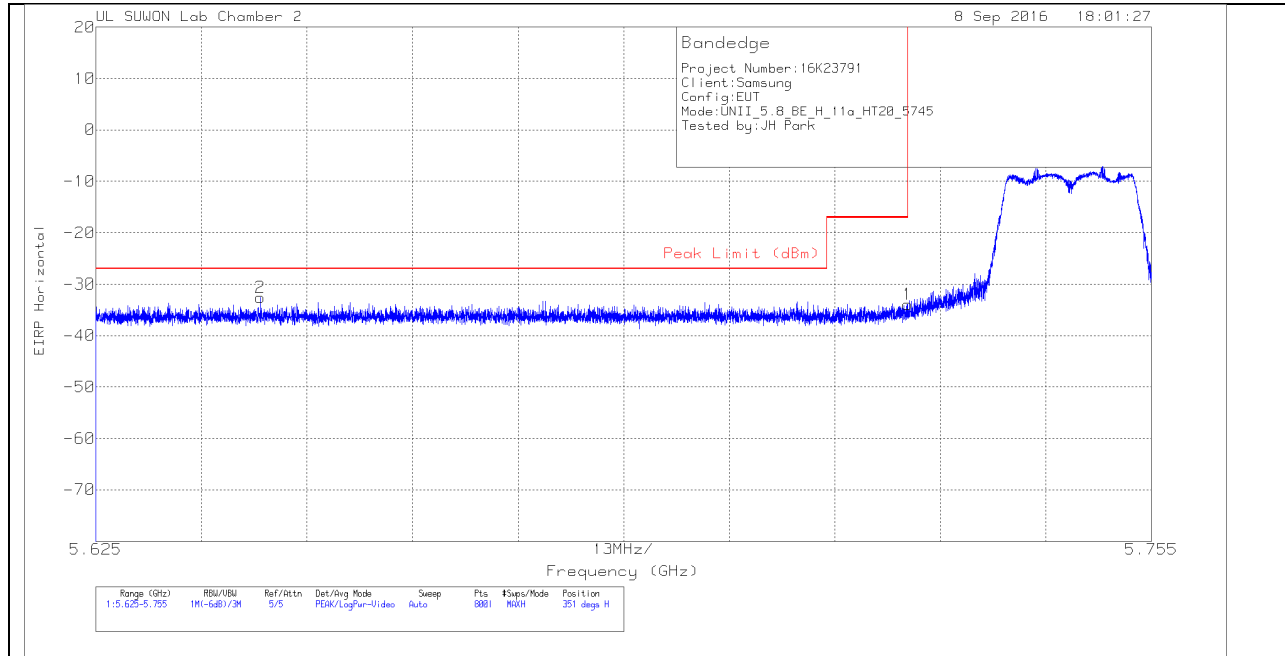
PK-U - U-NII: Maximum Peak

11.4. 5.8 GHz

11.4.1. TX ABOVE 1GHz 802.11a 2TX CDD MODE IN THE 5.8GHz BAND

RESTRICTED BANDEDGE

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

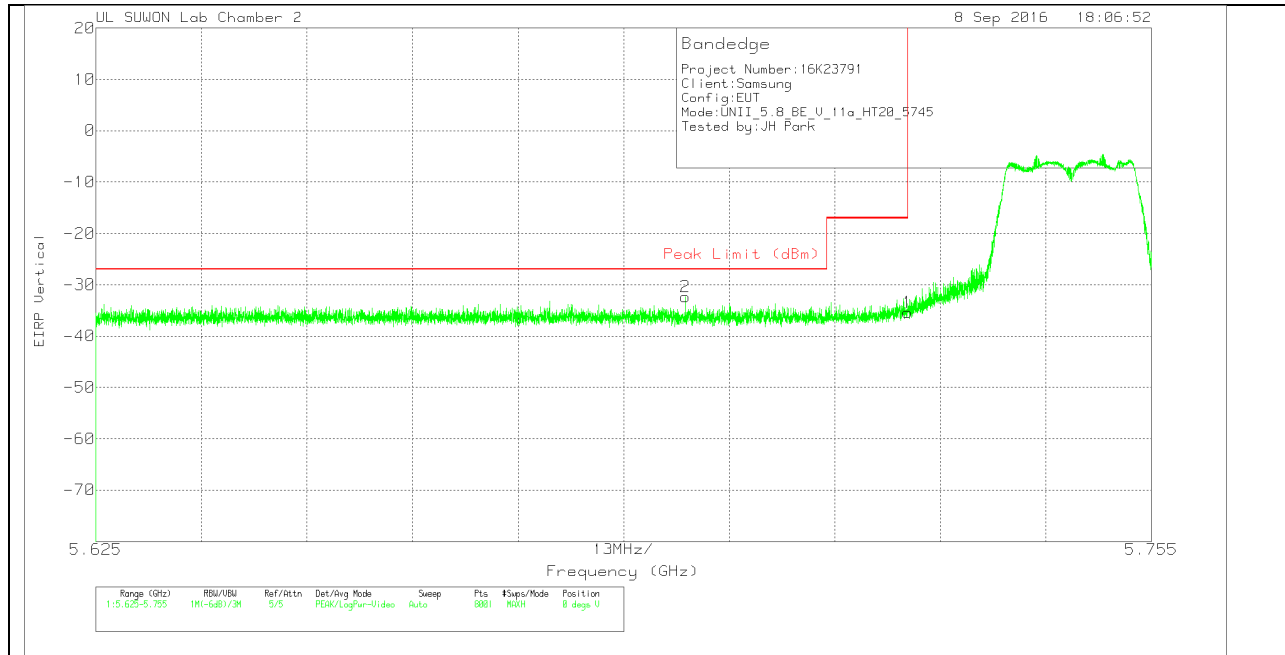
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.84	PK	34.7	-15.6	11.8	-33.94	-17	-16.94	351	135	H
2	5.645	-63.27	PK	34.6	-15.7	11.8	-32.57	-27	-5.57	351	135	H

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

PK - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

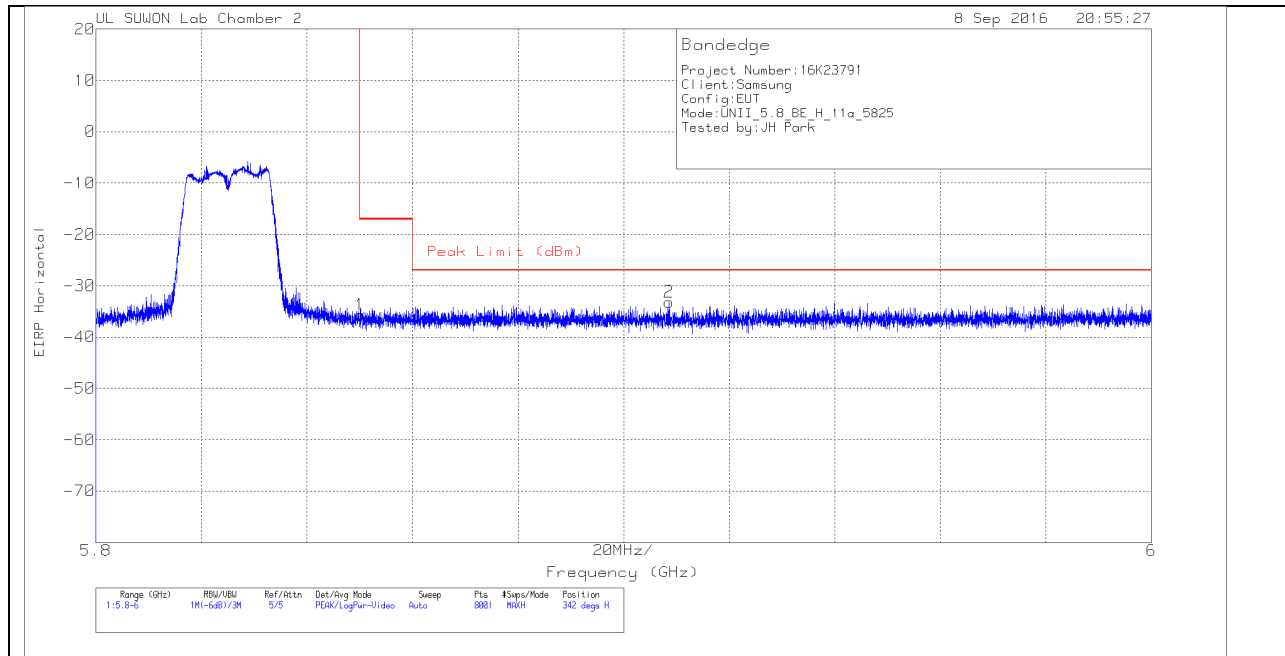
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.31	Pk	34.7	-15.6	11.8	-35.41	-17	-18.41	0	392	V
2	5.698	-63.22	Pk	34.7	-15.6	11.8	-32.32	-27	-5.32	0	392	V

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

Pk - Peak detector

AUTHORIZED BANDEGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

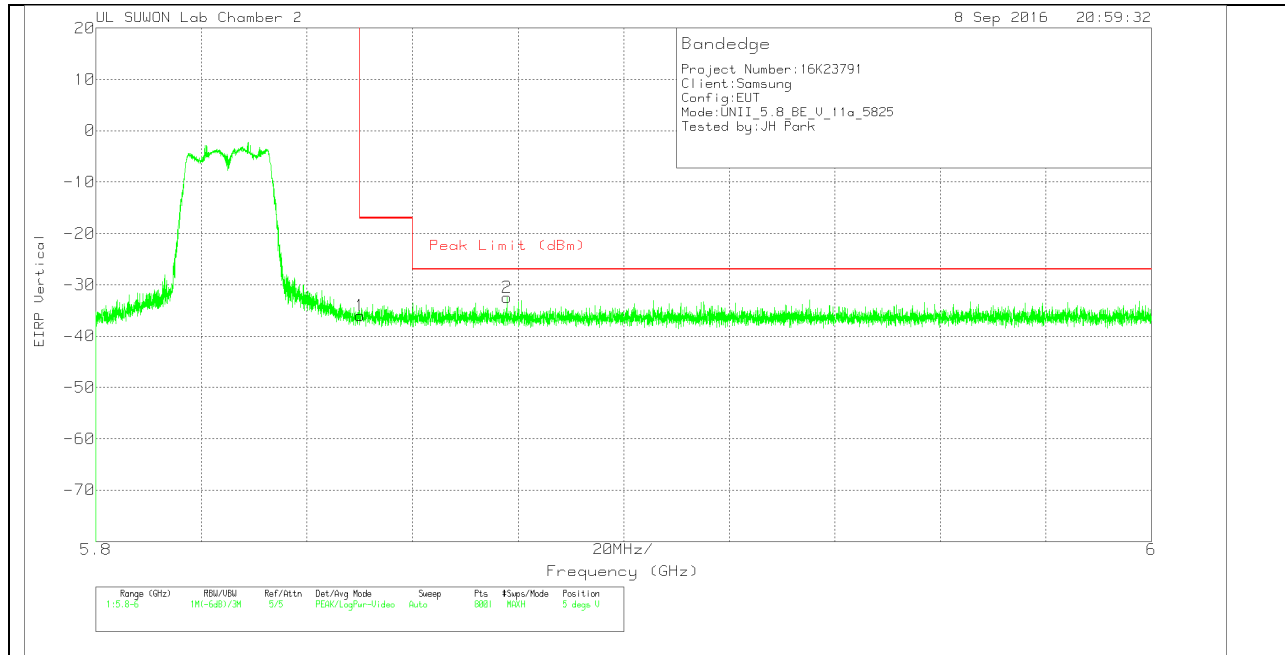
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117/0016 8724_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.67	Pk	34.7	-15.5	11.8	-35.67	-17	-18.67	342	400	H
2	5.909	-64.23	Pk	34.8	-15.5	11.8	-33.13	-27	-6.13	342	400	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

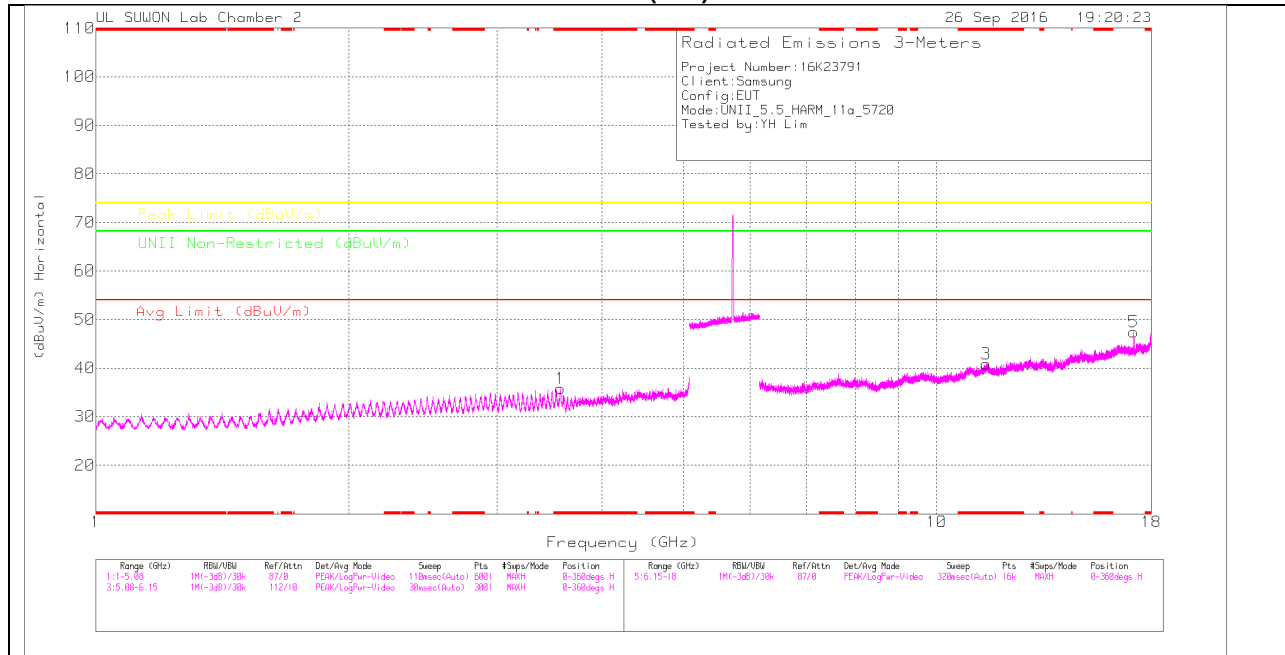
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.03	Pk	34.7	-15.5	11.8	-36.03	-17	-19.03	5	392	V
2	5.878	-63.58	PK	34.8	-15.5	11.8	-32.48	-27	-5.48	5	392	V

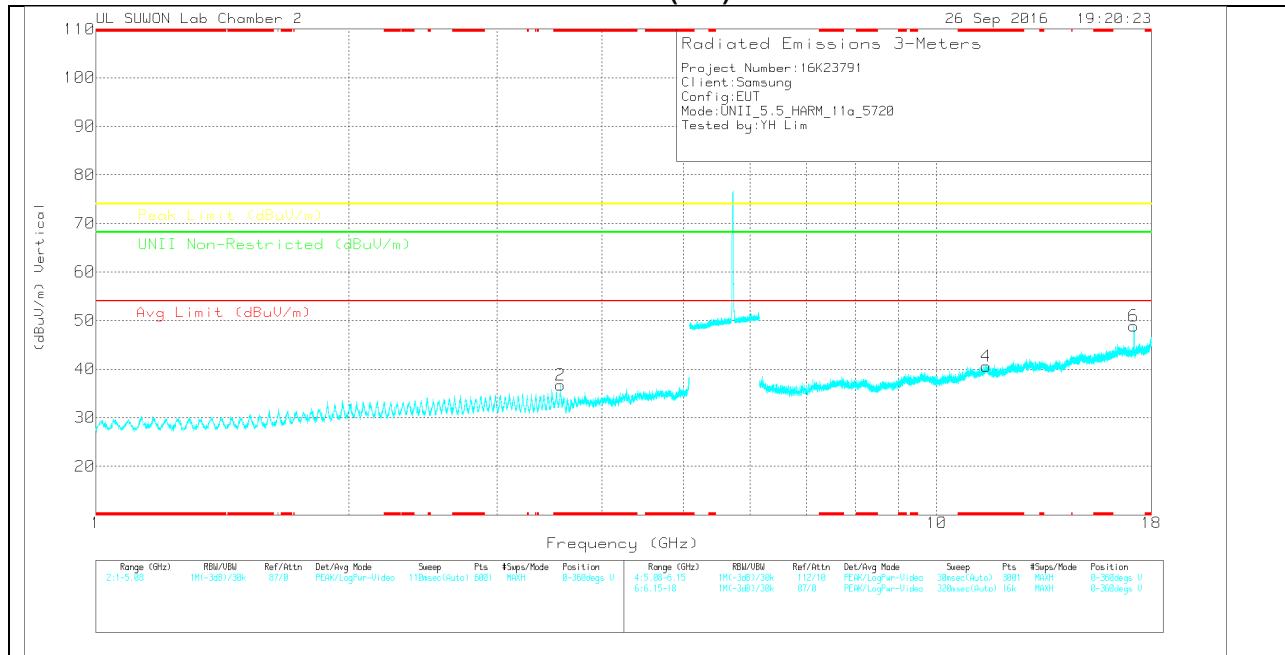
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

Straddle CHANNEL(144) HORIZONTAL



Straddle CHANNEL(144) VERTICAL



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

Straddle CHANNEL(144) DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_4	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	* 3.568	28.6	Pk	32.8	-25.6	35.8	-	-	74	-38.2	-	-	0-360	150	H
2	* 3.569	29.45	Pk	32.8	-25.6	36.65	-	-	74	-37.35	-	-	0-360	150	V
3	* 11.443	19.92	Pk	38.3	-17.4	40.82	-	-	74	-33.18	-	-	0-360	150	H
5	17.157	21.6	Pk	41.1	-15.3	47.4	-	-	-	-	68.2	-20.8	0-360	250	H
4	* 11.442	19.63	Pk	38.3	-17.4	40.53	-	-	74	-33.47	-	-	0-360	150	V
6	17.162	23.11	Pk	41.1	-15.3	48.91	-	-	-	-	68.2	-19.29	0-360	250	V

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

Pk – Peak detector

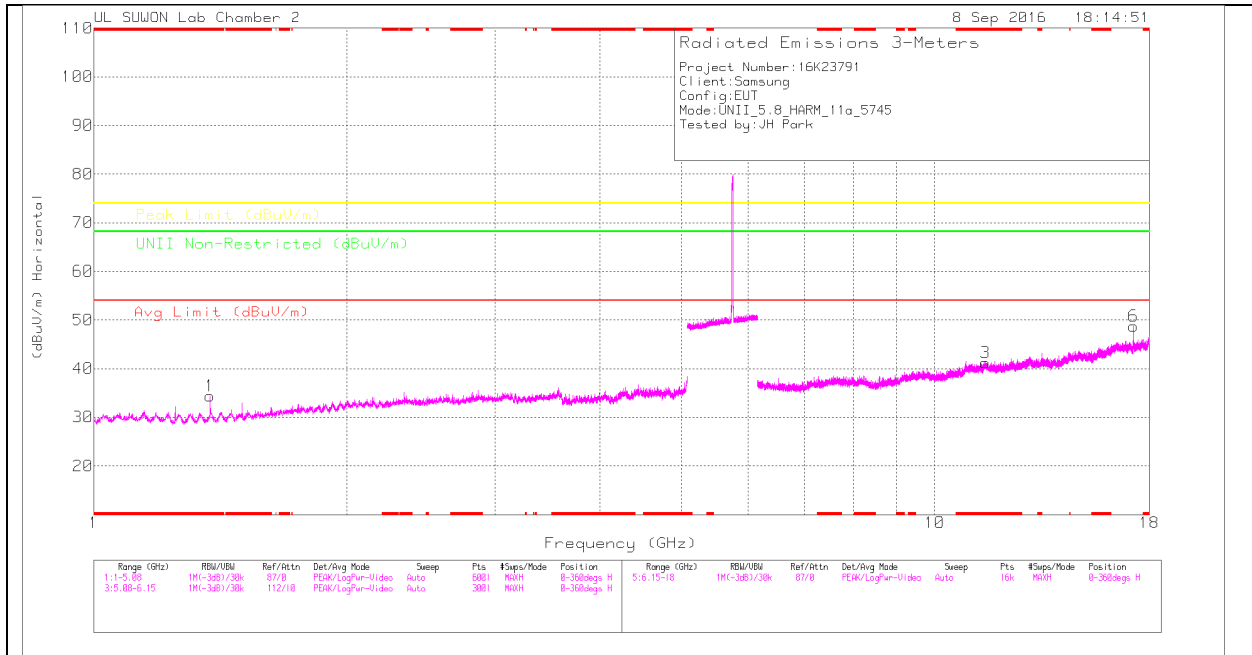
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.165	33.93	PK-U	41.1	-15.3	59.73	-	-	-	-	68.2	-8.47	351	306	H
17.159	34.54	PK-U	41.1	-15.3	60.34	-	-	-	-	68.2	-7.86	55	231	V

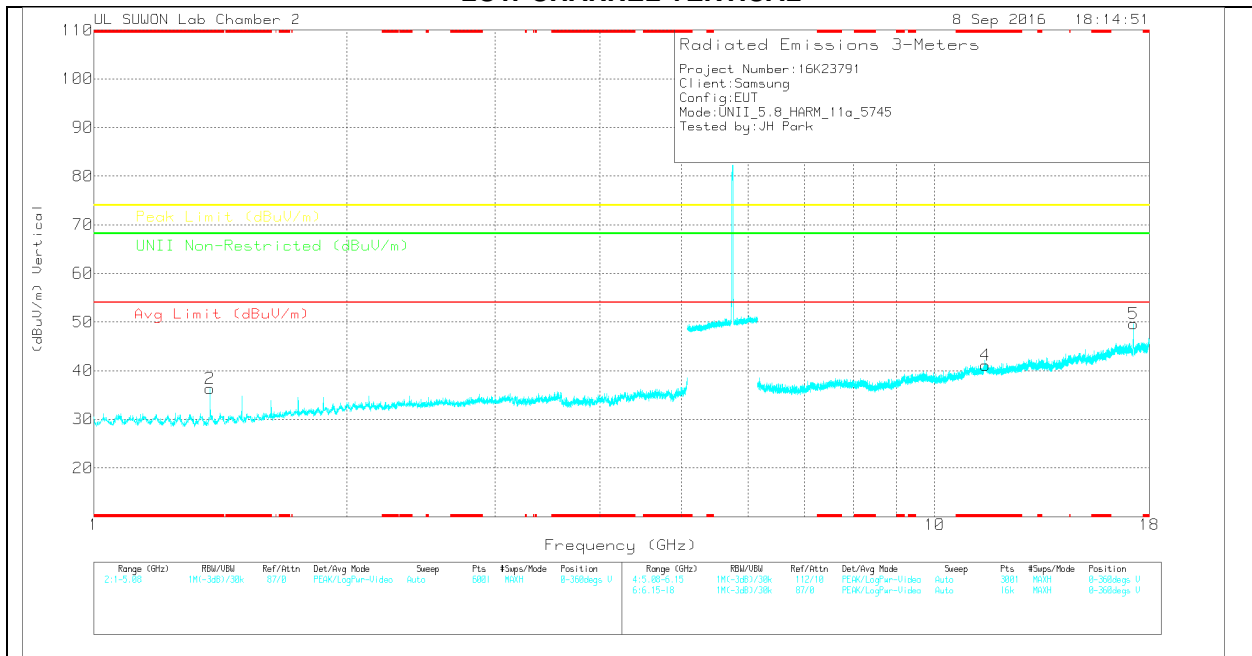
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

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(00168724)_150619	Path_4	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	* 1.375	33.73	PK	28.4	-27.7	34.43	-	-	74	-39.57	-	-	0-360	150	H
2	* 1.375	35.6	PK	28.4	-27.7	36.3	-	-	74	-37.7	-	-	0-360	250	V
3	* 11.493	20.38	PK	38.3	-17.5	41.18	-	-	74	-32.82	-	-	0-360	150	H
6	17.234	22.74	PK	41.2	-15.2	48.74	-	-	-	-	68.2	-19.46	0-360	250	H
4	* 11.493	20.29	PK	38.3	-17.5	41.09	-	-	74	-32.91	-	-	0-360	250	V
5	17.236	23.67	PK	41.2	-15.2	49.67	-	-	-	-	68.2	-18.53	0-360	250	V

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

PK – Peak Detector

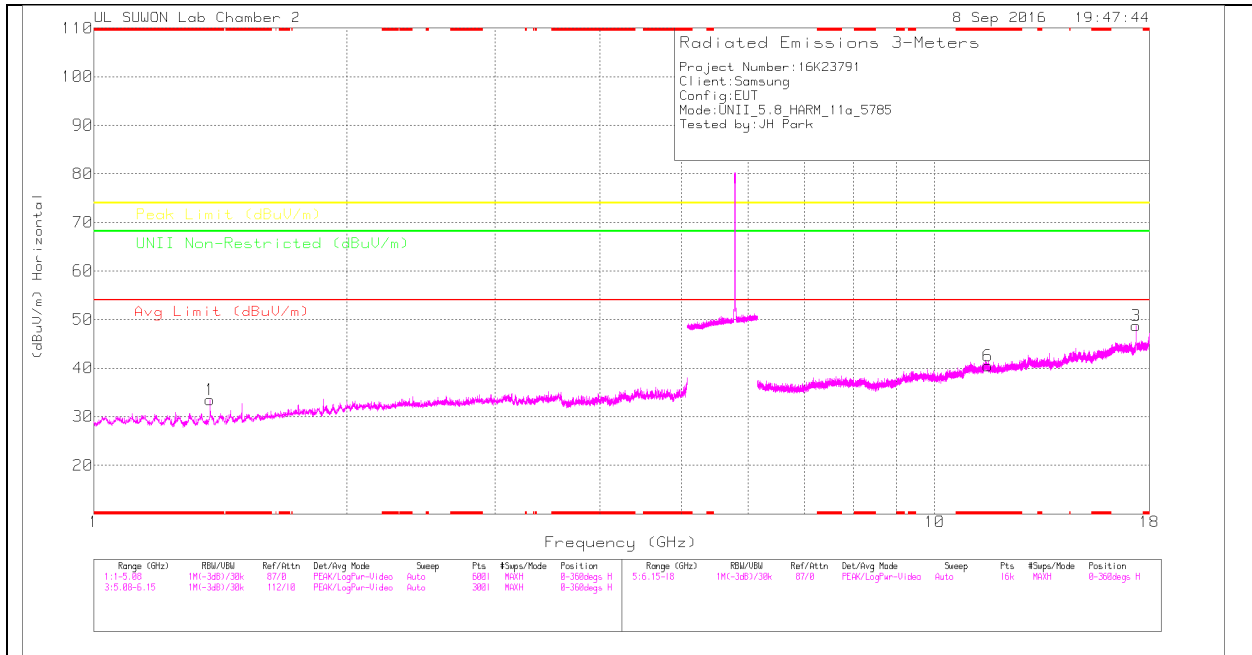
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.239	32.26	PK-U	41.2	-15.2	58.26	-	-	-	-	68.2	-9.94	253	234	V
17.241	34.79	PK-U	41.2	-15.2	60.79	-	-	-	-	68.2	-7.41	360	382	H

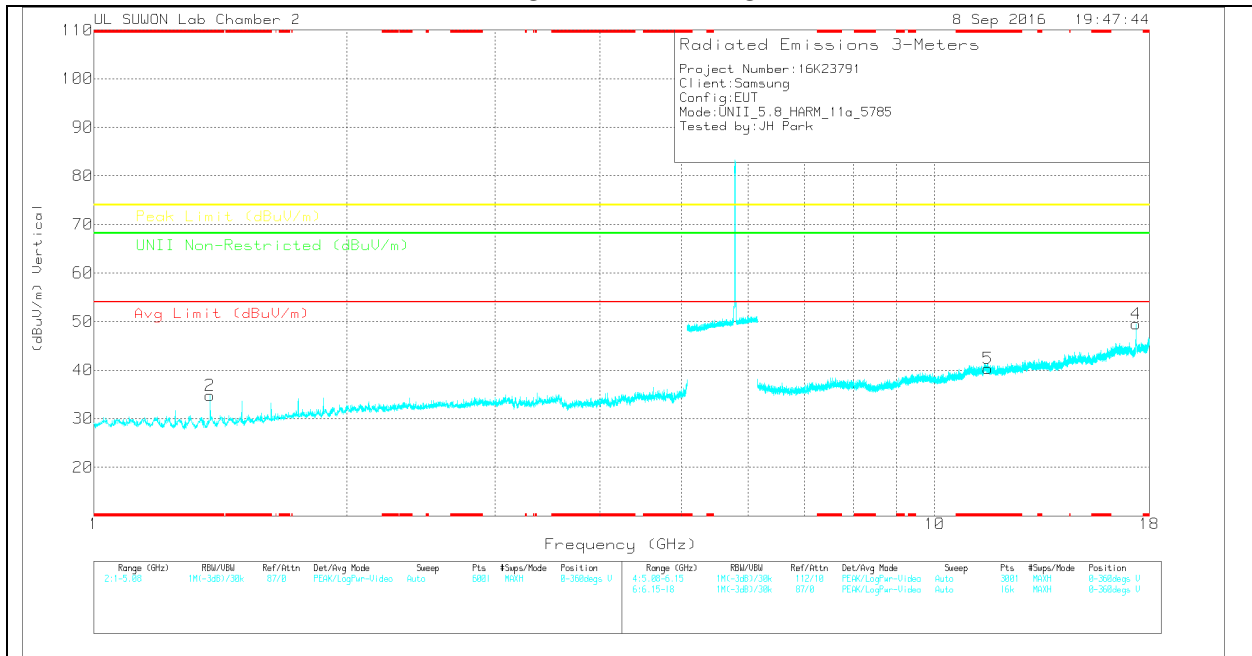
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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(00168724)_150619	Path_4	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	* 1.375	32.82	PK	28.4	-27.7	33.52	-	-	74	-40.48	-	-	0-360	150	H
2	* 1.375	34.05	PK	28.4	-27.7	34.75	-	-	74	-39.25	-	-	0-360	250	V
3	17.358	22.62	PK	41.2	-15.1	48.72	-	-	-	-	68.2	-19.48	0-360	250	H
6	* 11.567	19.55	PK	38.4	-17.5	40.45	-	-	74	-33.55	-	-	0-360	150	H
4	17.357	23.45	PK	41.2	-15.1	49.55	-	-	-	-	68.2	-18.65	0-360	250	V
5	* 11.57	19.46	PK	38.4	-17.5	40.36	-	-	74	-33.64	-	-	0-360	150	V

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

PK – Peak Detector

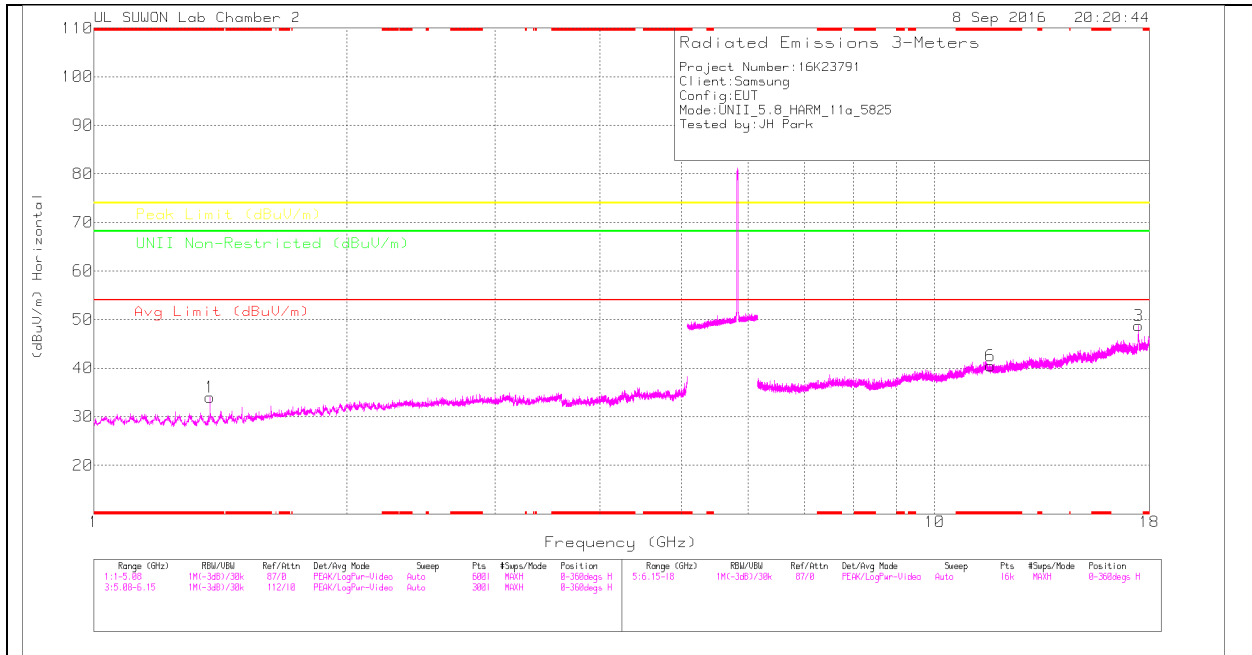
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.361	33.78	PK-U	41.2	-15	59.98	-	-	-	-	68.2	-8.22	241	229	V
17.361	34.2	PK-U	41.2	-15	60.4	-	-	-	-	68.2	-7.8	360	400	H

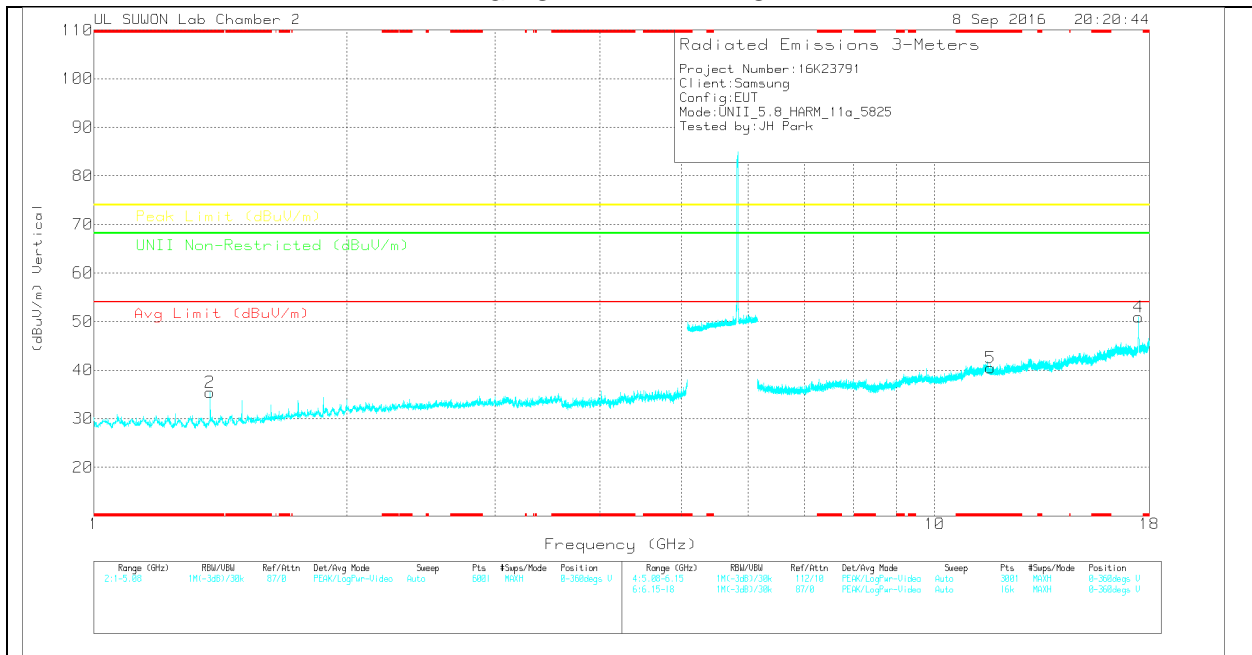
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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(00168724)_150619	Path_4	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	* 1.375	33.24	PK	28.4	-27.7	33.94	-	-	74	-40.06	-	-	0-360	150	H
2	* 1.375	34.69	PK	28.4	-27.7	35.39	-	-	74	-38.61	-	-	0-360	250	V
3	17.47	21.91	PK	41.3	-14.5	48.71	-	-	-	-	68.2	-19.49	0-360	250	H
6	* 11.654	19.35	PK	38.5	-17.4	40.45	-	-	74	-33.55	-	-	0-360	150	H
4	17.48	24.09	PK	41.3	-14.4	50.99	-	-	-	-	68.2	-17.21	0-360	250	V
5	* 11.654	19.4	PK	38.5	-17.4	40.5	-	-	74	-33.5	-	-	0-360	250	V

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

PK – Peak Detector

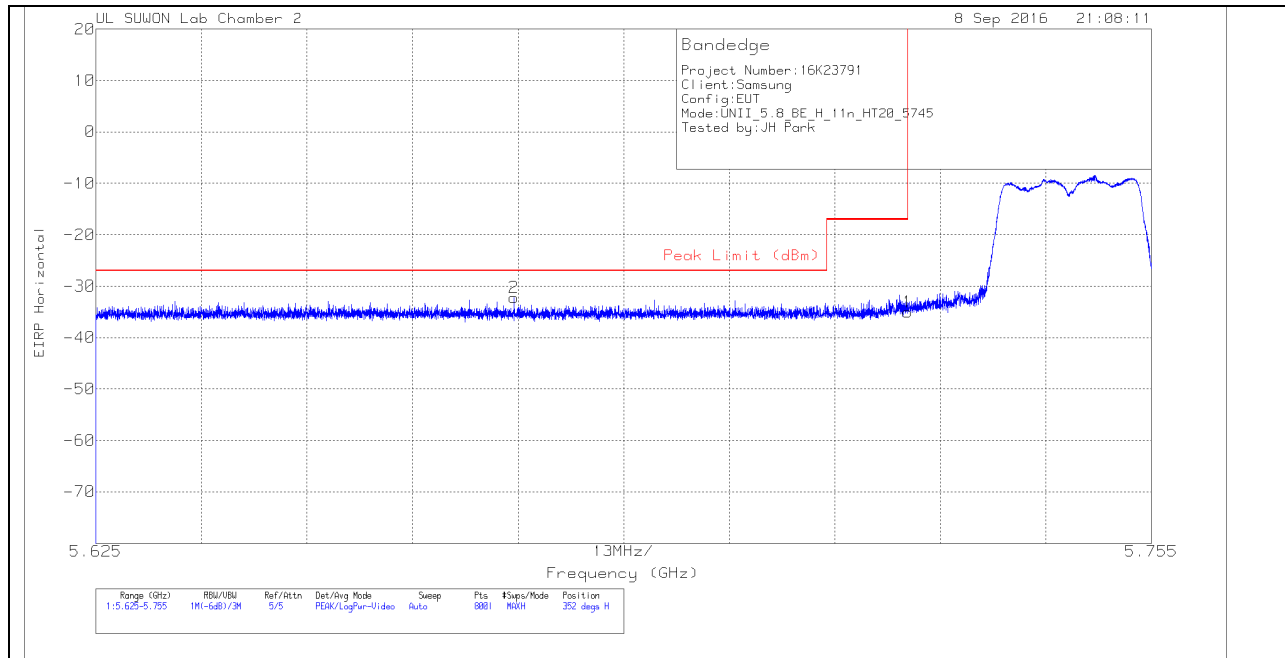
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.481	34.94	PK-U	41.3	-14.4	61.84	-	-	-	-	68.2	-6.36	223	172	V
17.475	34.24	PK-U	41.3	-14.5	61.04	-	-	-	-	68.2	-7.16	360	400	H

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

PK-U - U-NII: Maximum Peak

11.4.2. TX ABOVE 1GHz 802.11n HT20 2TX CDD MODE IN THE 5.8GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT



HORIZONTAL DATA

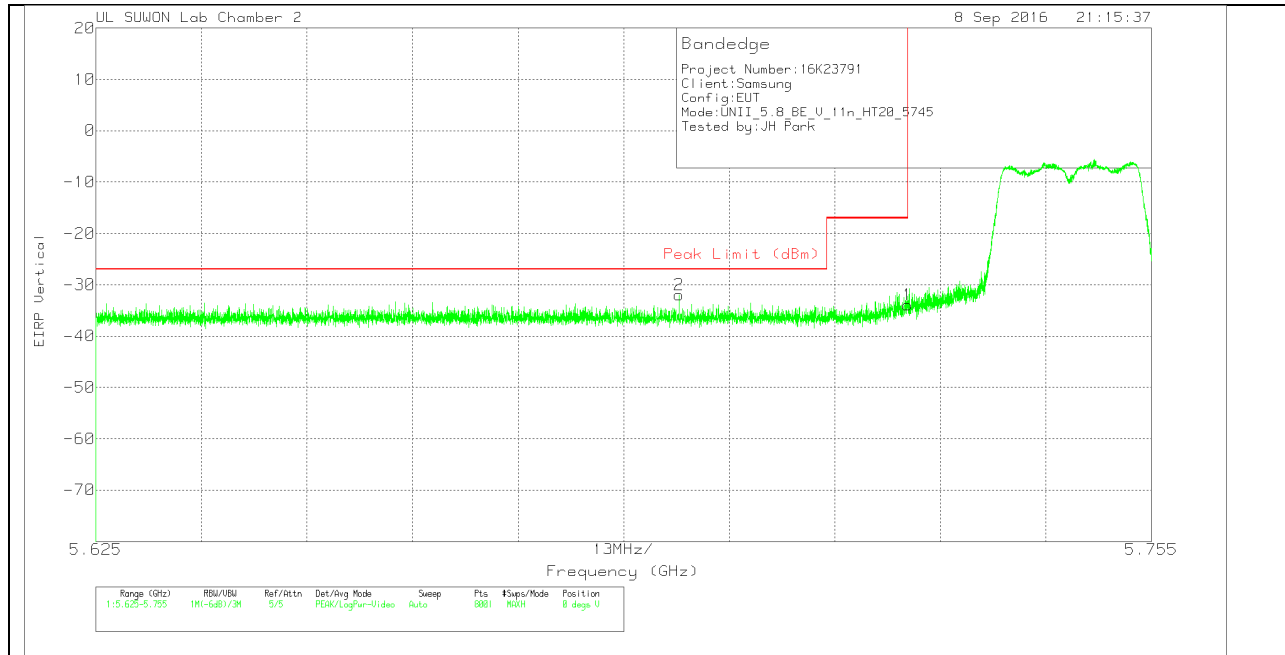
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.94	Pk	34.7	-15.6	11.8	-35.04	-17	-18.04	352	140	H
2	5.676	-63	Pk	34.6	-15.6	11.8	-32.2	-27	-5.2	352	140	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

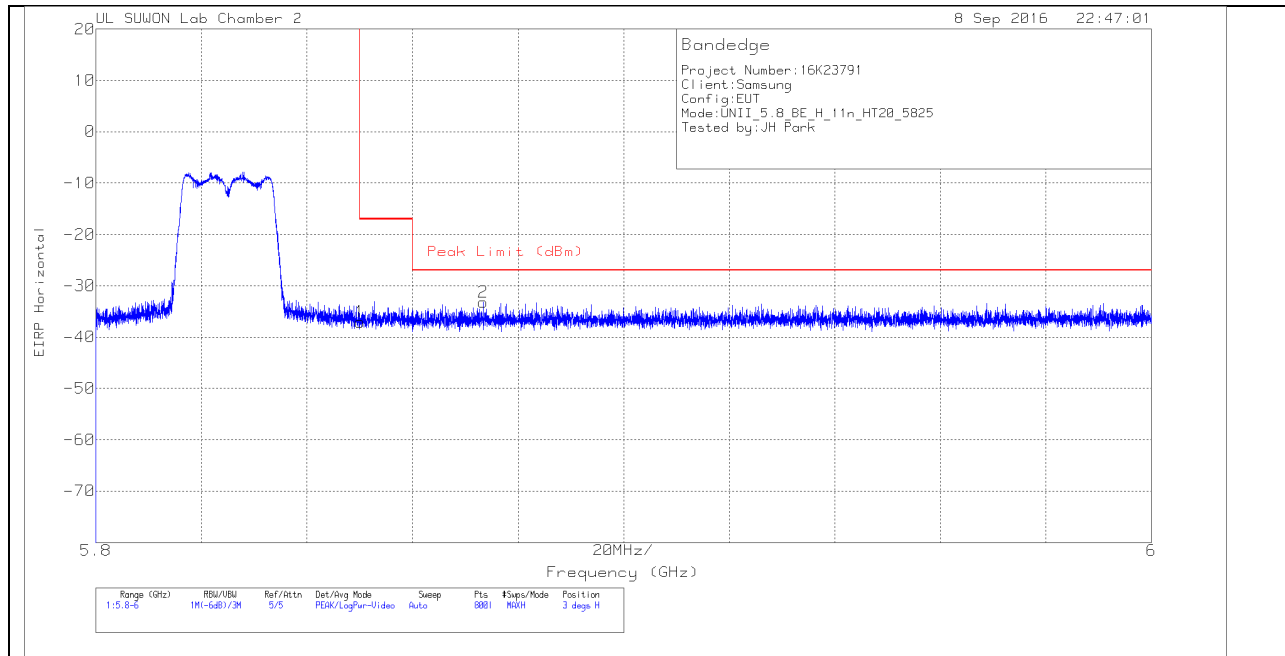
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.85	Pk	34.7	-15.6	11.8	-33.95	-17	-16.95	0	392	V
2	5.697	-62.86	Pk	34.7	-15.6	11.8	-31.96	-27	-4.96	0	392	V

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

Pk - Peak detector

AUTHORIZED BANDEGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

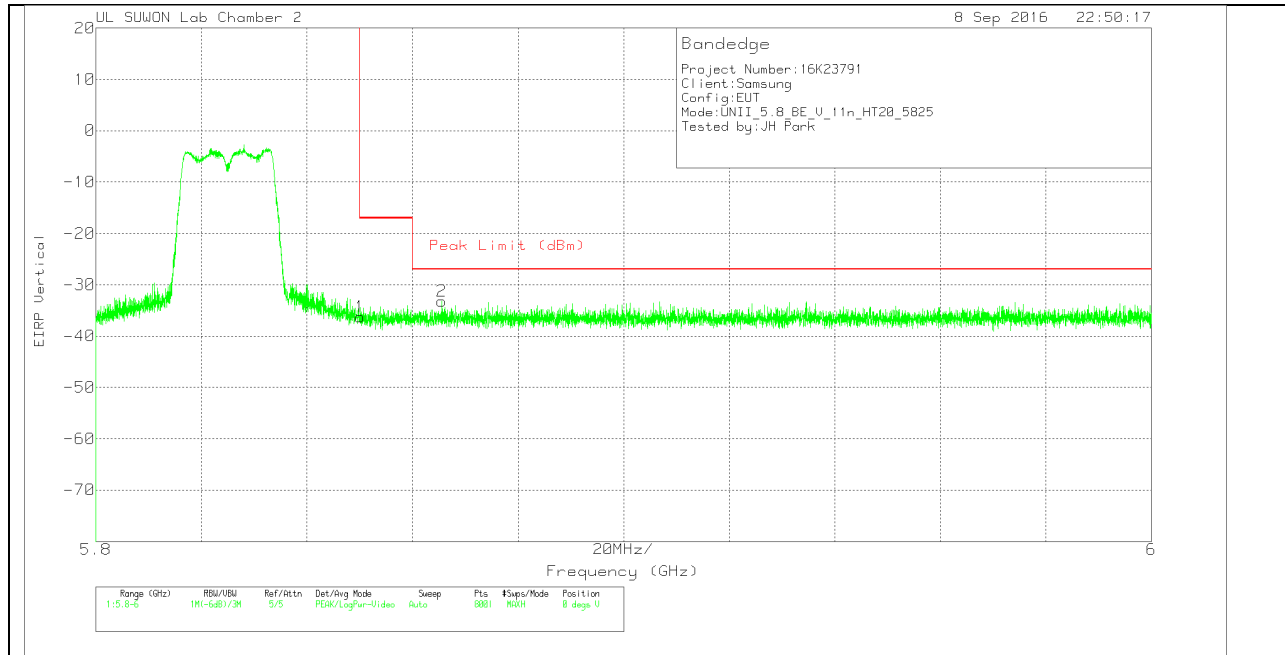
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117/0016 8724_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.04	Pk	34.7	-15.5	11.8	-37.04	-17	-20.04	3	100	H
2	5.873	-64.17	Pk	34.7	-15.5	11.8	-33.17	-27	-6.17	3	100	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



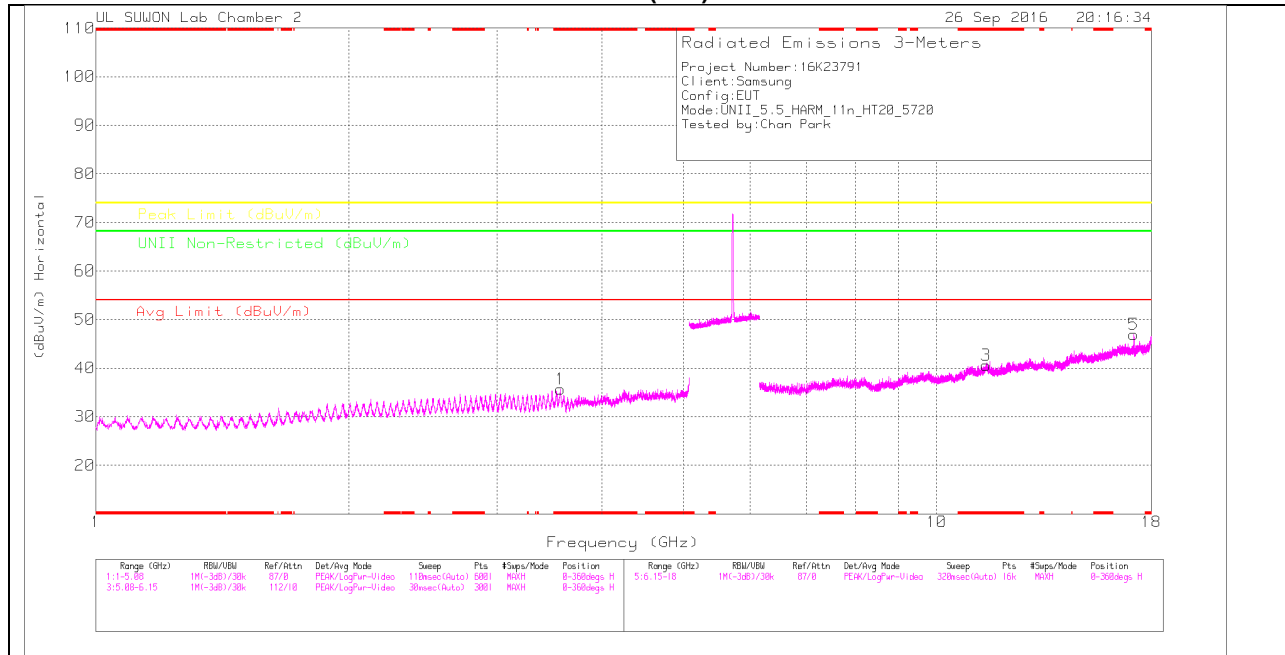
VERTICAL DATA

Trace Markers

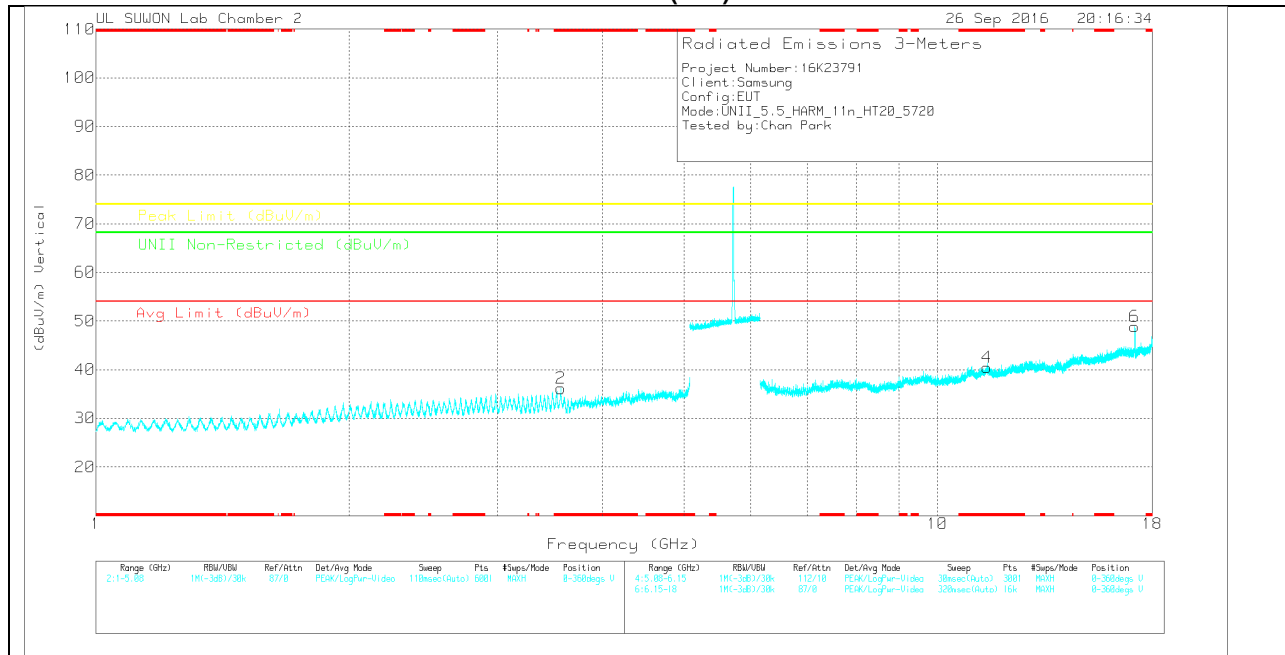
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.28	Pk	34.7	-15.5	11.8	-36.28	-17	-19.28	0	377	V
2	5.866	-64.23	PK	34.7	-15.5	11.8	-33.23	-27	-6.23	0	377	V

Pk - Peak detector

Straddle CHANNEL(144) HORIZONTAL



Straddle CHANNEL(144) VERTICAL



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

Straddle CHANNEL(144) DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_4	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	* 3.566	28.42	Pk	32.8	-25.6	35.62	-	-	74	-38.38	-	-	0-360	250	H
2	* 3.568	28.93	Pk	32.8	-25.6	36.13	-	-	74	-37.87	-	-	0-360	150	V
3	* 11.443	19.67	Pk	38.3	-17.4	40.57	-	-	74	-33.43	-	-	0-360	250	H
5	17.159	21.07	Pk	41.1	-15.3	46.87	-	-	-	-	68.2	-21.33	0-360	250	H
4	* 11.443	19.57	Pk	38.3	-17.4	40.47	-	-	74	-33.53	-	-	0-360	250	V
6	17.157	23.01	Pk	41.1	-15.3	48.81	-	-	-	-	68.2	-19.39	0-360	250	V

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

Pk – Peak detector

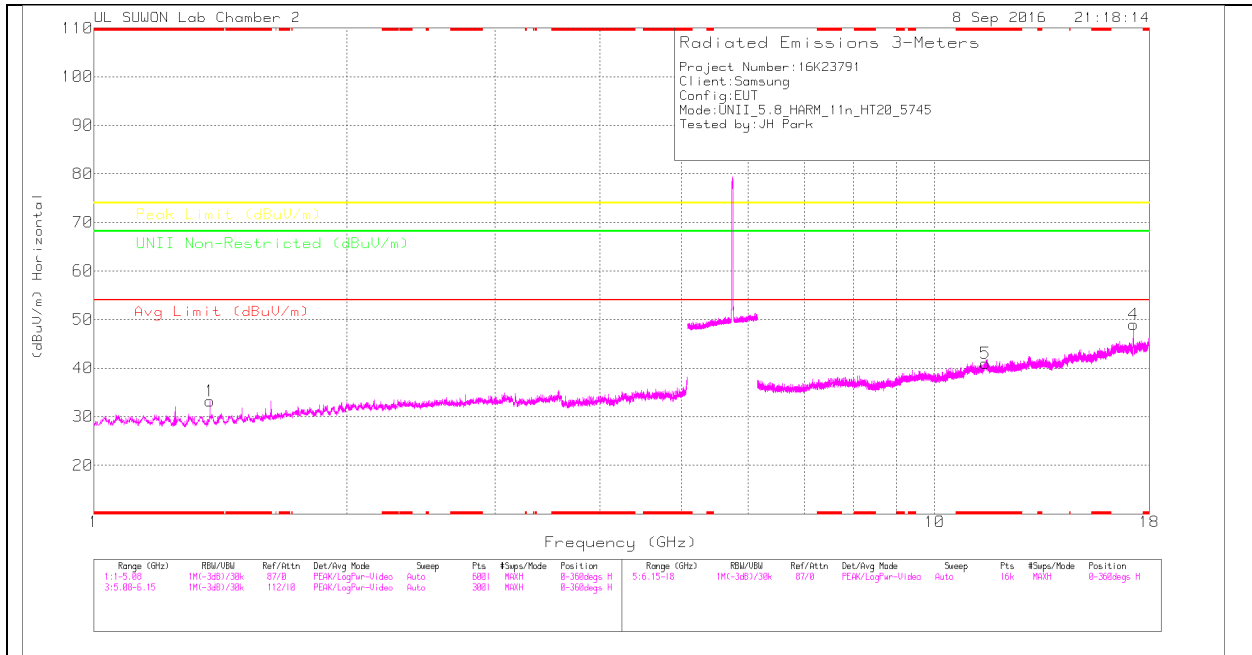
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.157	33.66	PK-U	41.1	-15.3	59.46	-	-	-	-	68.2	-8.74	328	351	H
17.161	33.72	PK-U	41.1	-15.3	59.52	-	-	-	-	68.2	-8.68	214	224	V

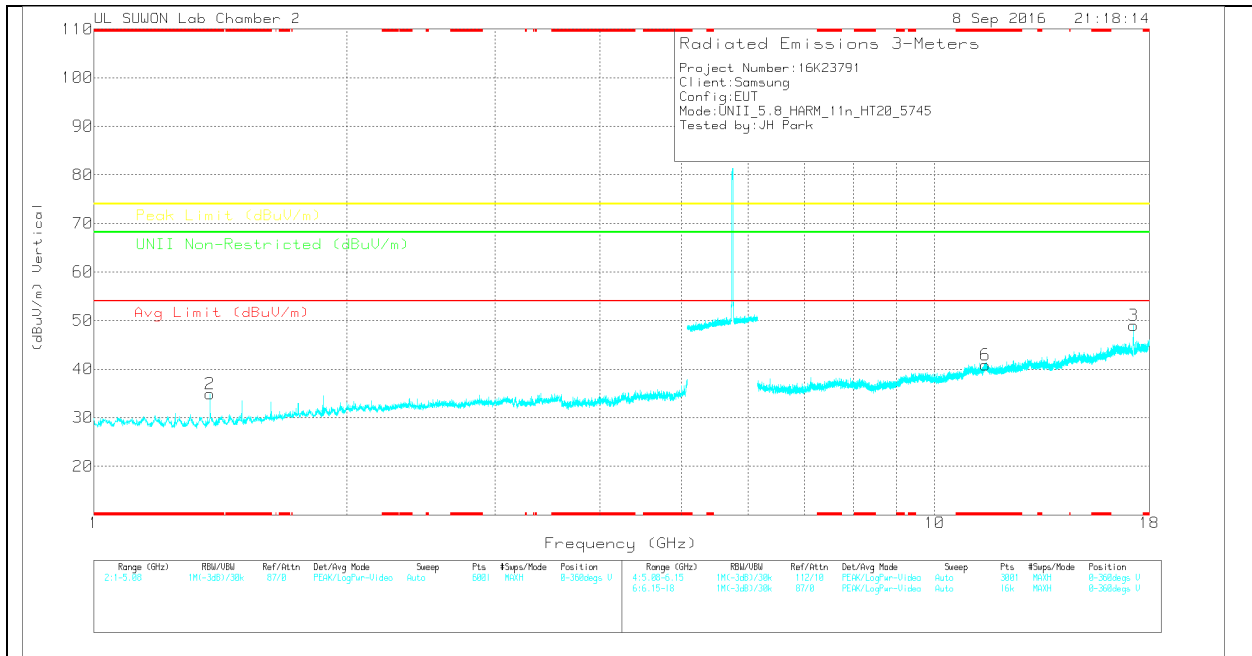
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

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(00168724)_150619	Path_4	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	* 1.375	32.46	PK	28.4	-27.7	33.16	-	-	74	-40.84	-	-	0-360	150	H
2	* 1.375	34.17	PK	28.4	-27.7	34.87	-	-	74	-39.13	-	-	0-360	250	V
4	17.24	23.01	PK	41.2	-15.2	49.01	-	-	-	-	68.2	-19.19	0-360	250	H
5	* 11.493	20.18	PK	38.3	-17.5	40.98	-	-	74	-33.02	-	-	0-360	150	H
3	17.234	23.05	PK	41.2	-15.2	49.05	-	-	-	-	68.2	-19.15	0-360	250	V
6	* 11.49	20.03	PK	38.3	-17.5	40.83	-	-	74	-33.17	-	-	0-360	250	V

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

PK – Peak Detector

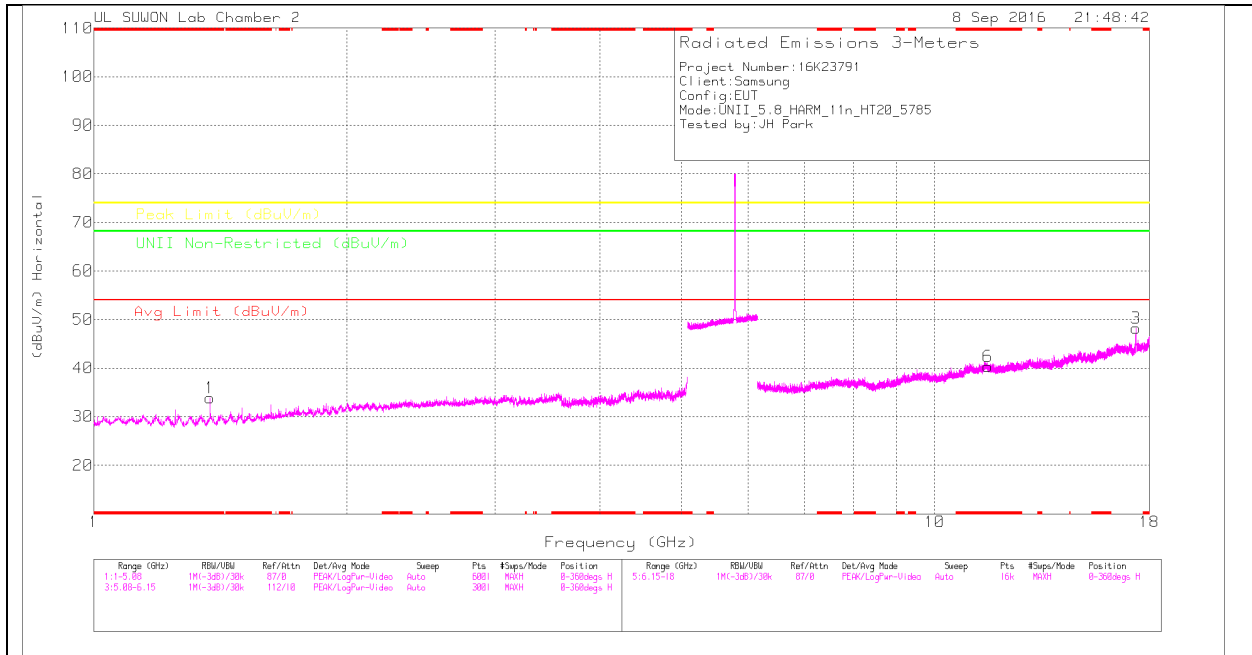
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.237	32.8	PK-U	41.2	-15.2	58.8	-	-	-	-	68.2	-9.4	239	220	V
17.235	34.15	PK-U	41.2	-15.2	60.15	-	-	-	-	68.2	-8.05	360	400	H

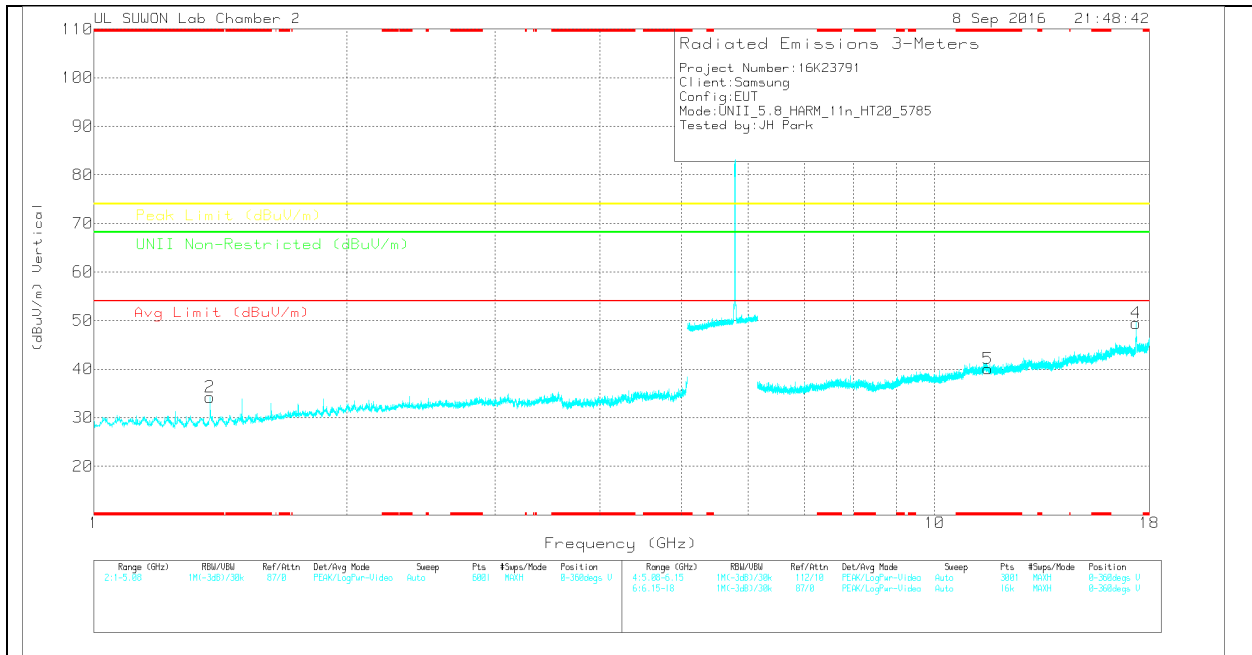
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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(00168724)_150619	Path_4	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	* 1.375	33.2	PK	28.4	-27.7	33.9	-	-	74	-40.1	-	-	0-360	150	H
2	* 1.375	33.49	PK	28.4	-27.7	34.19	-	-	74	-39.81	-	-	0-360	250	V
3	17.353	22.14	PK	41.2	-15.1	48.24	-	-	-	-	68.2	-19.96	0-360	250	H
6	* 11.567	19.46	PK	38.4	-17.5	40.36	-	-	74	-33.64	-	-	0-360	250	H
4	17.351	23.35	PK	41.2	-15.1	49.45	-	-	-	-	68.2	-18.75	0-360	250	V
5	* 11.568	19.17	PK	38.4	-17.5	40.07	-	-	74	-33.93	-	-	0-360	150	V

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

PK – Peak Detector

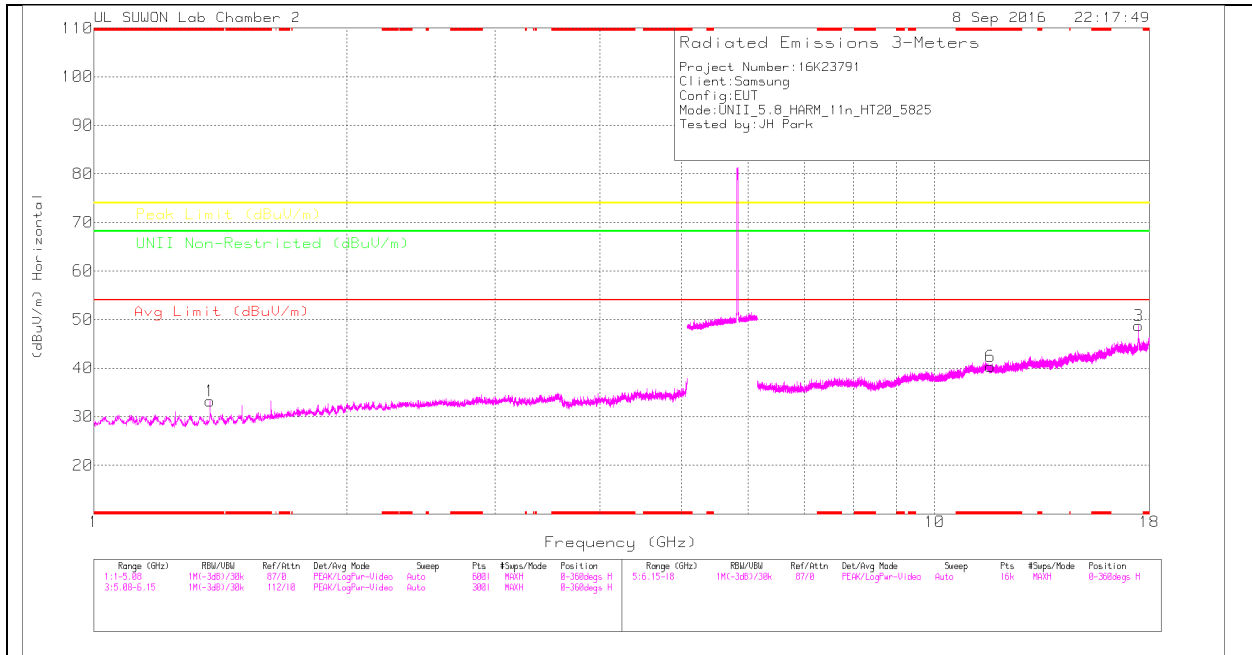
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.356	34.2	PK-U	41.2	-15.1	60.3	-	-	-	-	68.2	-7.9	222	168	V
17.362	33.94	PK-U	41.2	-15	60.14	-	-	-	-	68.2	-8.06	360	400	H

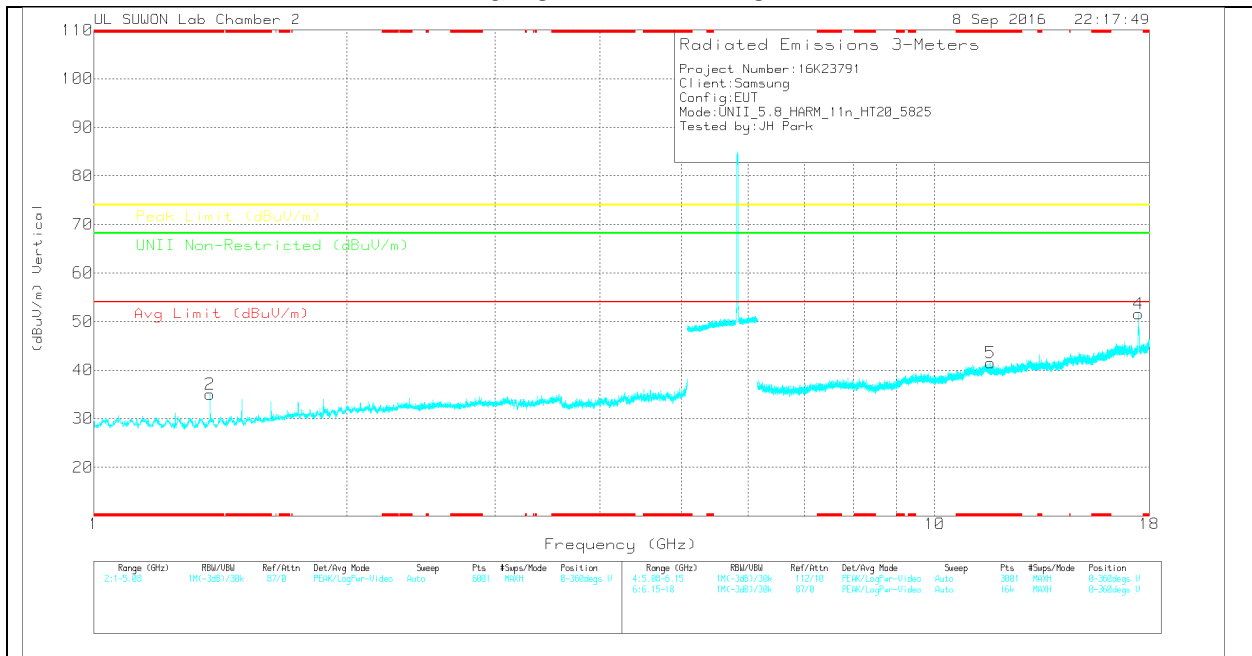
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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(00168724)_150619	Path_4	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	* 1.375	32.56	PK	28.4	-27.7	33.26	-	-	74	-40.74	-	-	0-360	150	H
2	* 1.375	34.38	PK	28.4	-27.7	35.08	-	-	74	-38.92	-	-	0-360	250	V
3	17.468	21.98	PK	41.3	-14.5	48.78	-	-	-	-	68.2	-19.42	0-360	250	H
6	* 11.651	19.36	PK	38.4	-17.4	40.36	-	-	74	-33.64	-	-	0-360	250	H
4	17.476	24.73	PK	41.3	-14.4	51.63	-	-	-	-	68.2	-16.57	0-360	250	V
5	* 11.651	20.44	PK	38.4	-17.4	41.44	-	-	74	-32.56	-	-	0-360	150	V

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

PK – Peak Detector

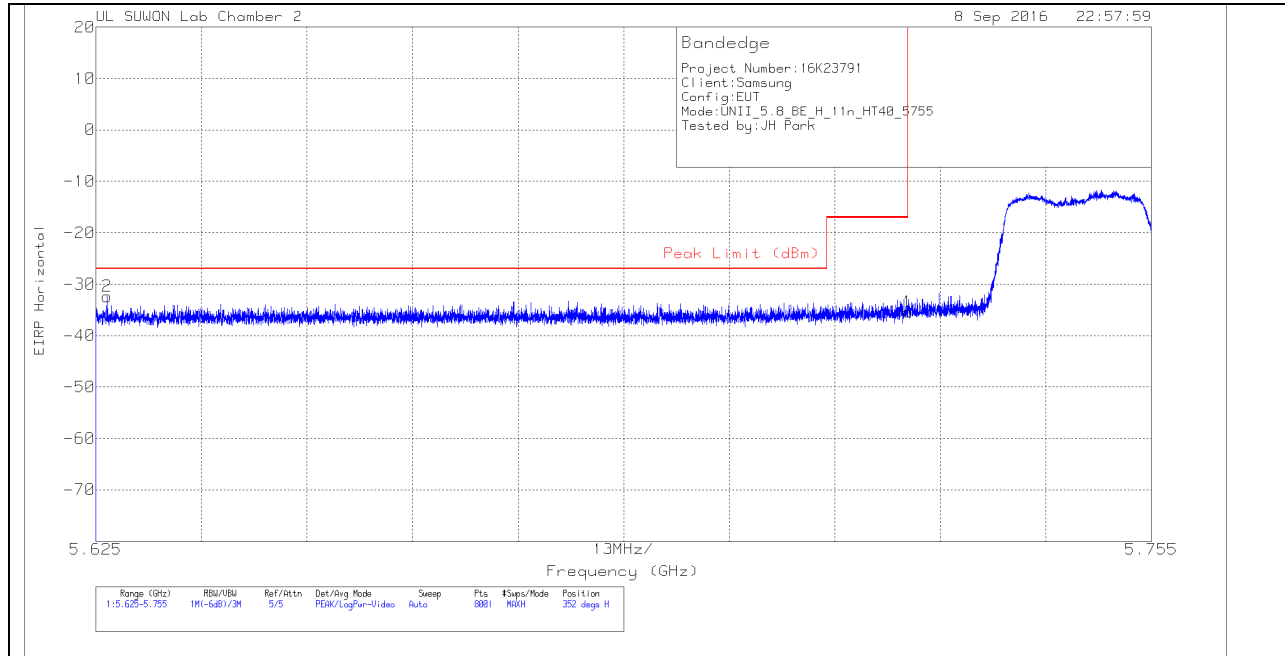
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.482	34.94	PK-U	41.3	-14.4	61.84	-	-	-	-	68.2	-6.36	223	174	V
17.465	33.8	PK-U	41.3	-14.5	60.6	-	-	-	-	68.2	-7.6	360	400	H

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

PK-U - U-NII: Maximum Peak

11.4.3. TX ABOVE 1GHz 802.11n HT40 2TX CDD MODE IN THE 5.8GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT



HORIZONTAL DATA

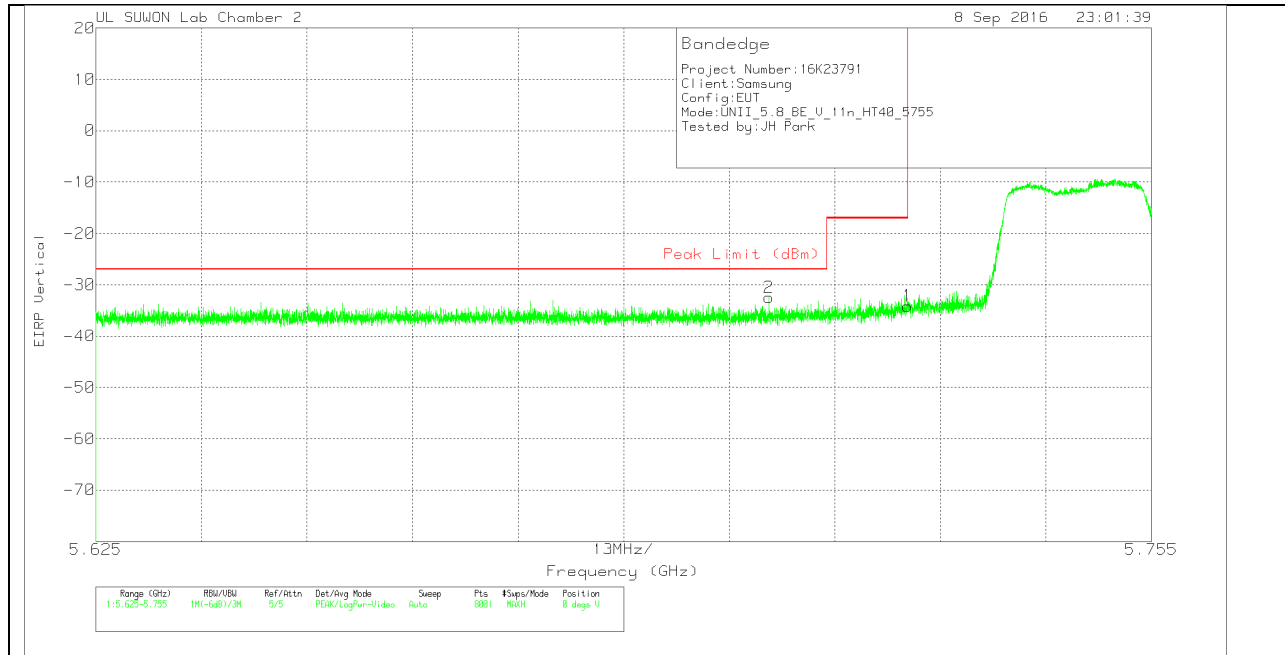
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.27	Pk	34.7	-15.6	11.8	-35.37	-17	-18.37	352	150	H
2	5.626	-63.09	Pk	34.6	-15.7	11.8	-32.39	-27	-5.39	352	150	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

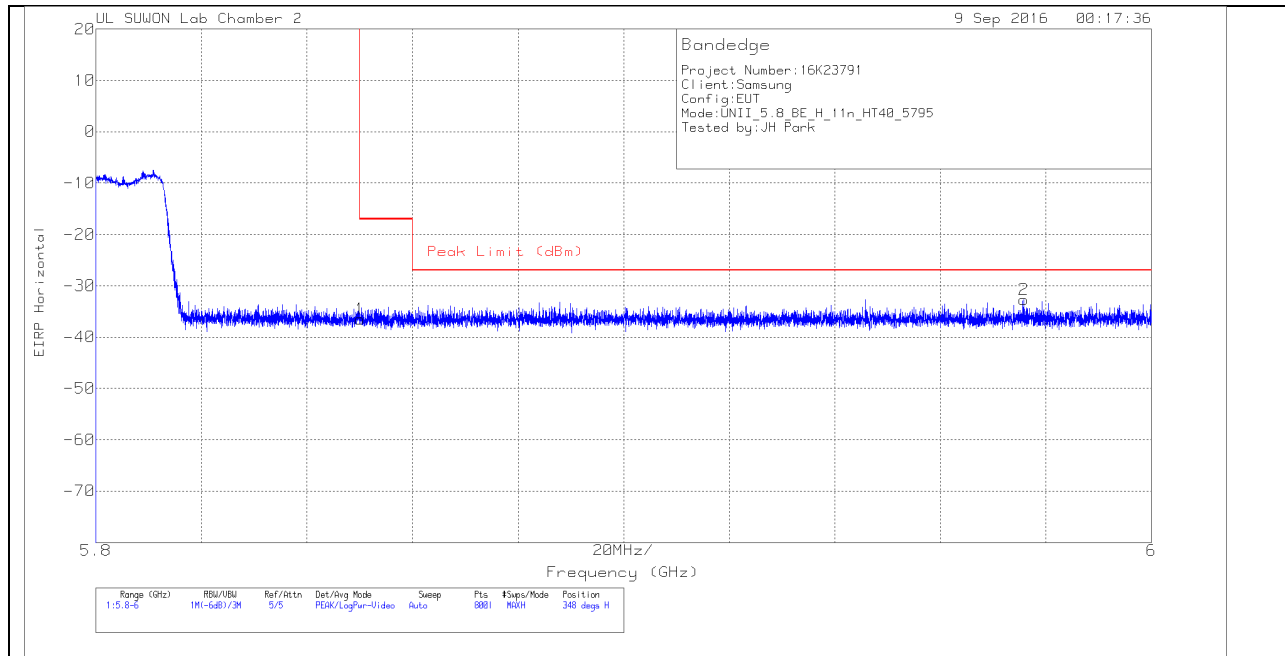
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.01	Pk	34.7	-15.6	11.8	-34.11	-17	-17.11	0	387	V
2	5.708	-63.37	PK	34.7	-15.6	11.8	-32.47	-27	-5.47	0	387	V

Pk - Peak detector

AUTHORIZED BANDEGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

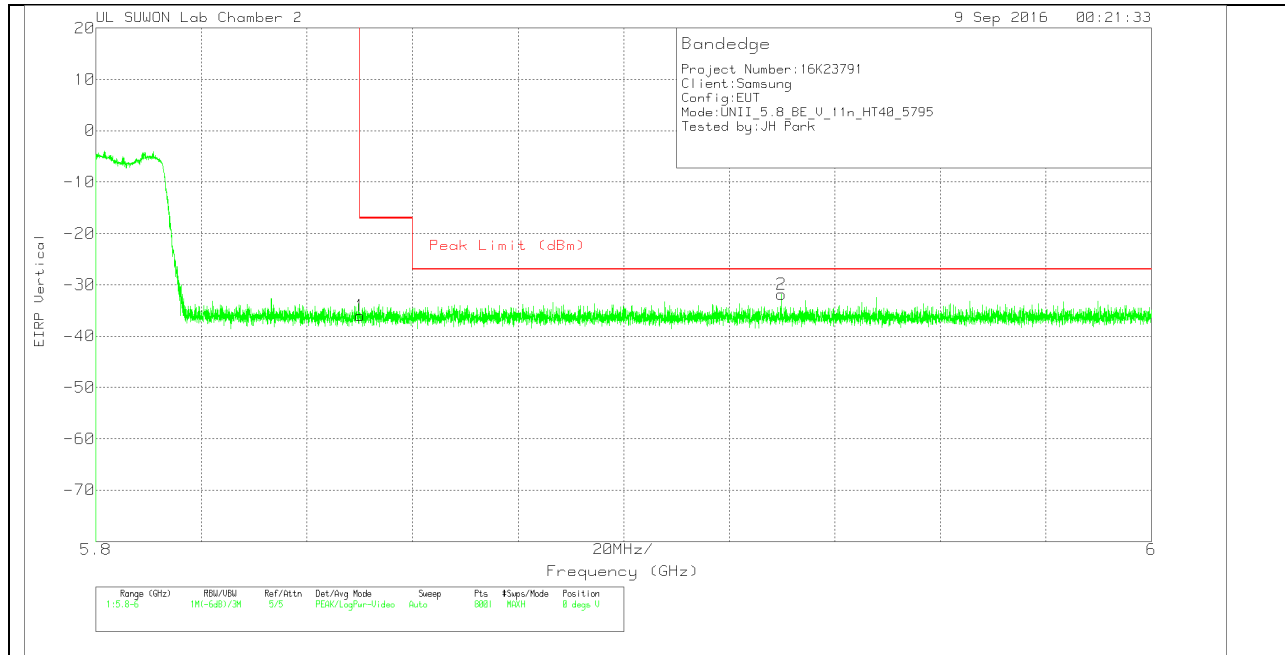
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117/0016 8724_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.51	Pk	34.7	-15.5	11.8	-36.51	-17	-19.51	348	157	H
2	5.976	-63.89	Pk	34.8	-15.4	11.8	-32.69	-27	-5.69	348	157	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



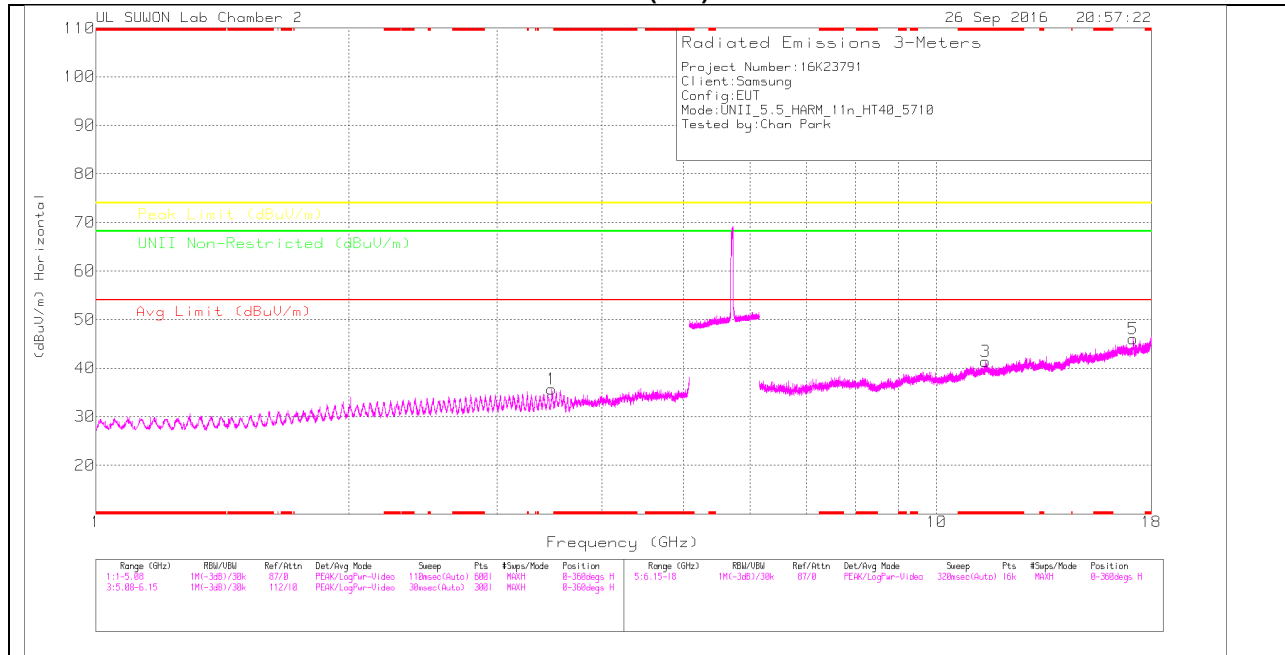
VERTICAL DATA

Trace Markers

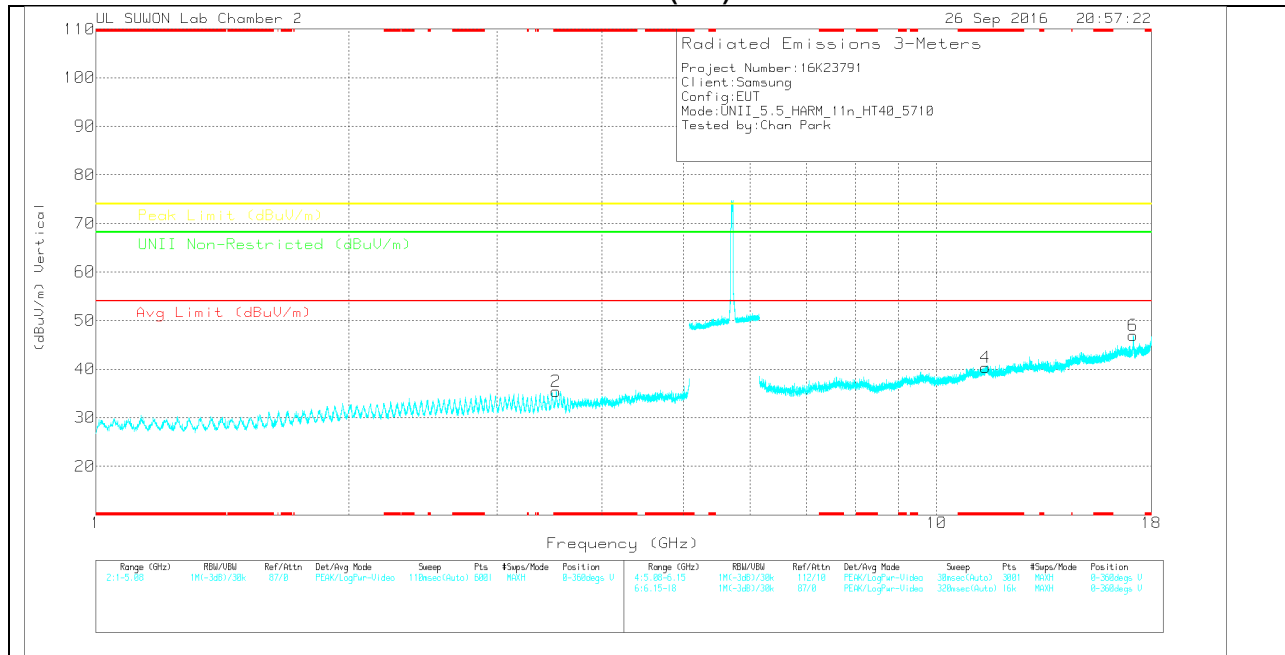
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.98	Pk	34.7	-15.5	11.8	-35.98	-17	-18.98	0	400	V
2	5.93	-62.94	PK	34.8	-15.5	11.8	-31.84	-27	-4.84	0	400	V

Pk - Peak detector

Straddle CHANNEL(142) HORIZONTAL



Straddle CHANNEL(142) VERTICAL



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

Straddle CHANNEL(142) DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_4	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	3.485	28.53	Pk	32.7	-25.6	35.63	-	-	-	-	68.2	-32.57	0-360	250	H
2	* 3.528	28.13	Pk	32.8	-25.5	35.43	-	-	74	-38.57	-	-	0-360	150	V
3	* 11.43	20.47	Pk	38.3	-17.4	41.37	-	-	74	-32.63	-	-	0-360	150	H
5	17.127	20.27	Pk	41.1	-15.3	46.07	-	-	-	-	68.2	-22.13	0-360	250	H
4	* 11.434	19.41	Pk	38.3	-17.4	40.31	-	-	74	-33.69	-	-	0-360	150	V
6	17.119	21.09	Pk	41.1	-15.3	46.89	-	-	-	-	68.2	-21.31	0-360	250	V

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

Pk – Peak detector

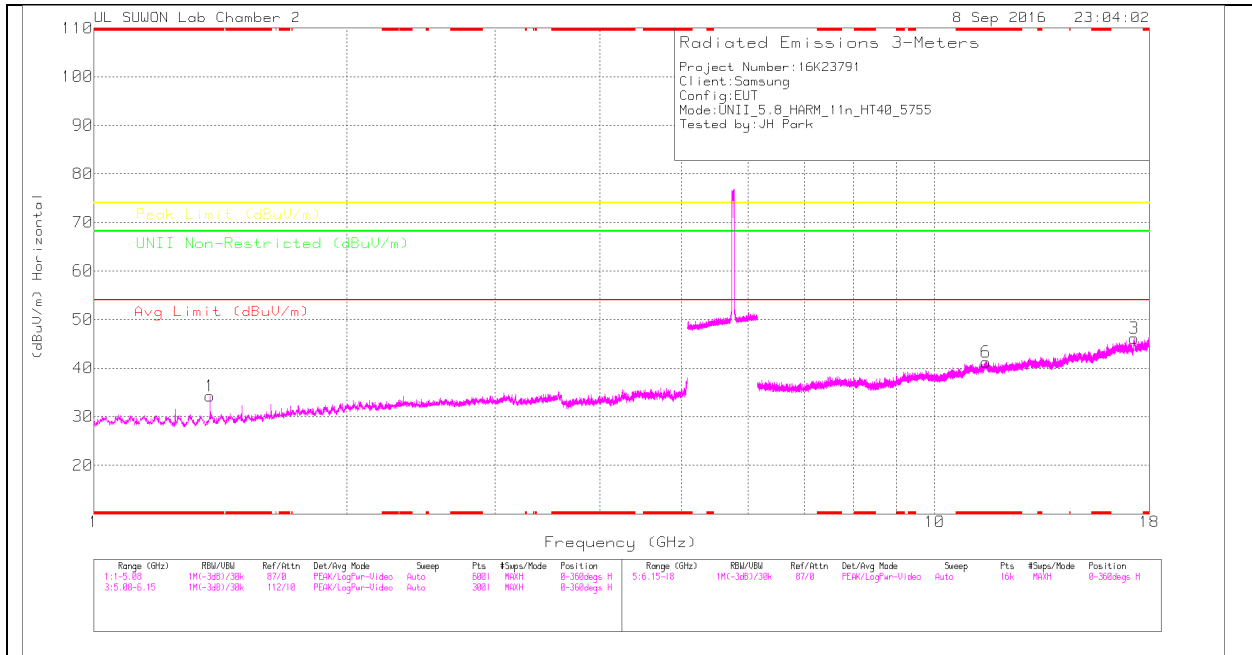
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	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
17.134	31.56	PK-U	41.1	-15.3	57.36	-	-	-	-	68.2	-10.84	338	372	H
17.129	31.35	PK-U	41.1	-15.3	57.15	-	-	-	-	68.2	-11.05	221	158	V

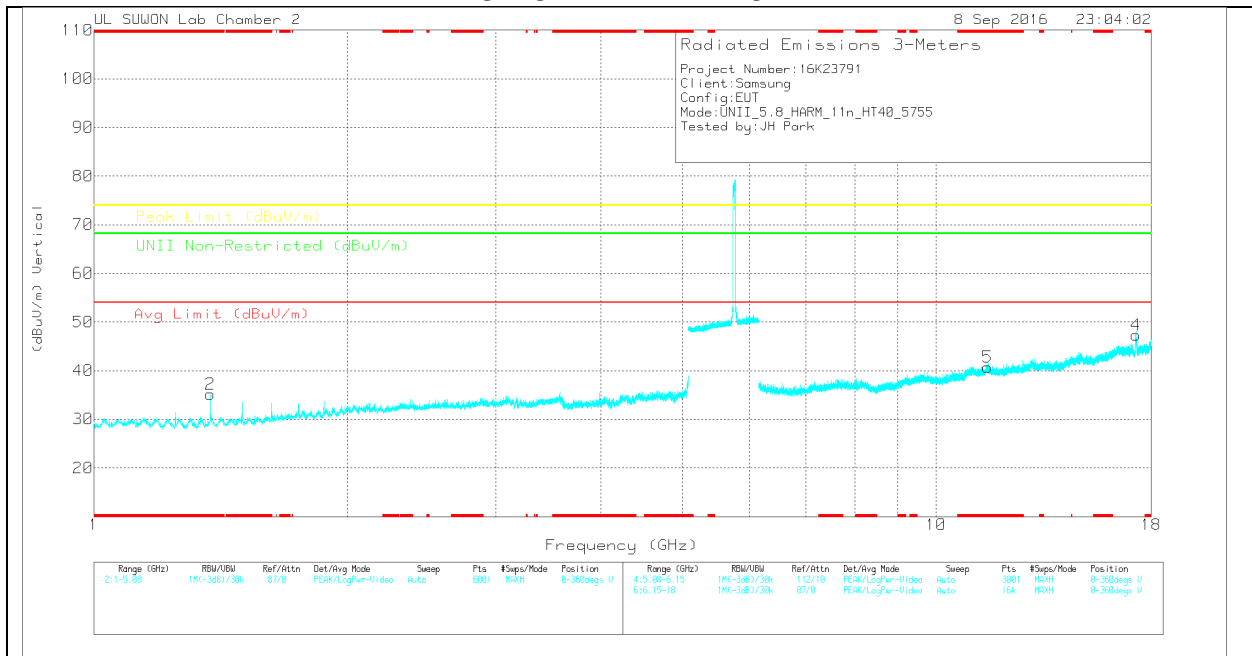
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

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	31170016 87241_150 619	Path_4	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	* 1.375	33.52	PK	28.4	-27.7	0	34.22	-	-	74	-39.78	-	-	0-360	250	H
2	* 1.375	34.48	PK	28.4	-27.7	0	35.18	-	-	74	-38.82	-	-	0-360	150	V
3	17.269	20.18	PK	41.2	-15.2	0	46.18	-	-	-	-	68.2	-22.02	0-360	250	H
6	* 11.512	20.49	PK	38.3	-17.5	0	41.29	-	-	74	-32.71	-	-	0-360	150	H
4	17.267	21.26	PK	41.2	-15.2	0	47.26	-	-	-	-	68.2	-20.94	0-360	250	V
5	* 11.513	19.87	PK	38.3	-17.5	0	40.67	-	-	74	-33.33	-	-	0-360	150	V

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

PK – Peak Detector

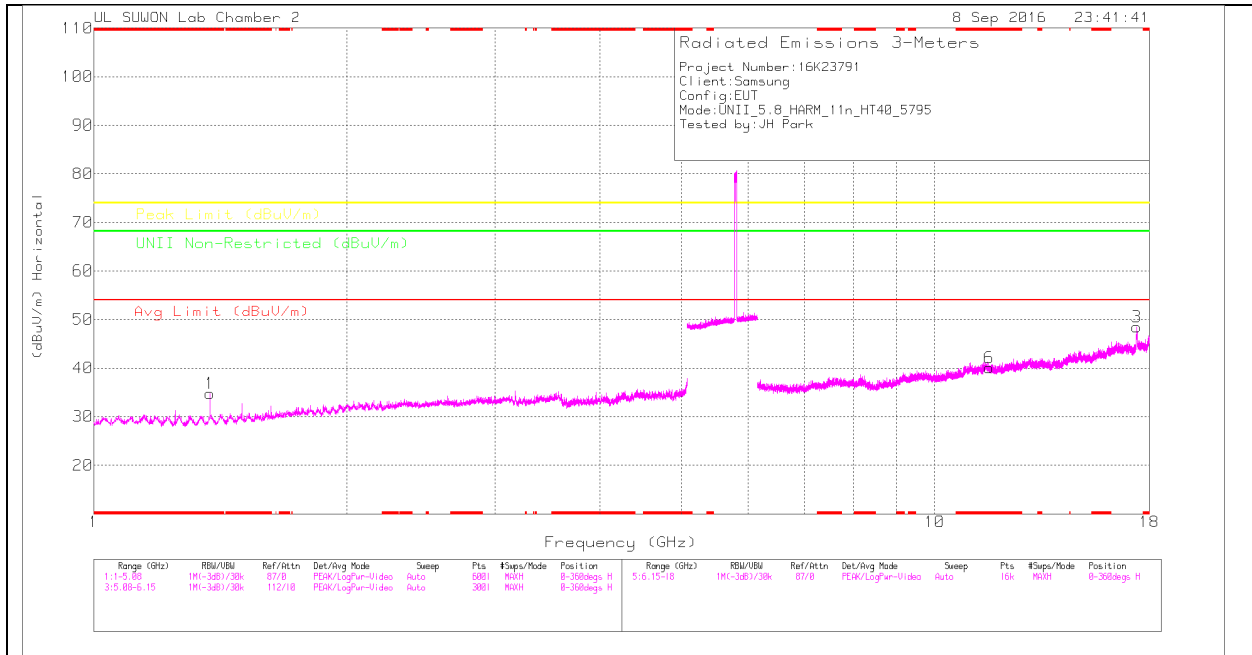
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	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
17.261	30.74	PK-U	41.2	-15.2	0	56.74	-	-	-	-	68.2	-11.46	250	227	V
17.261	31.5	PK-U	41.2	-15.2	0	57.5	-	-	-	-	68.2	-10.7	360	400	H

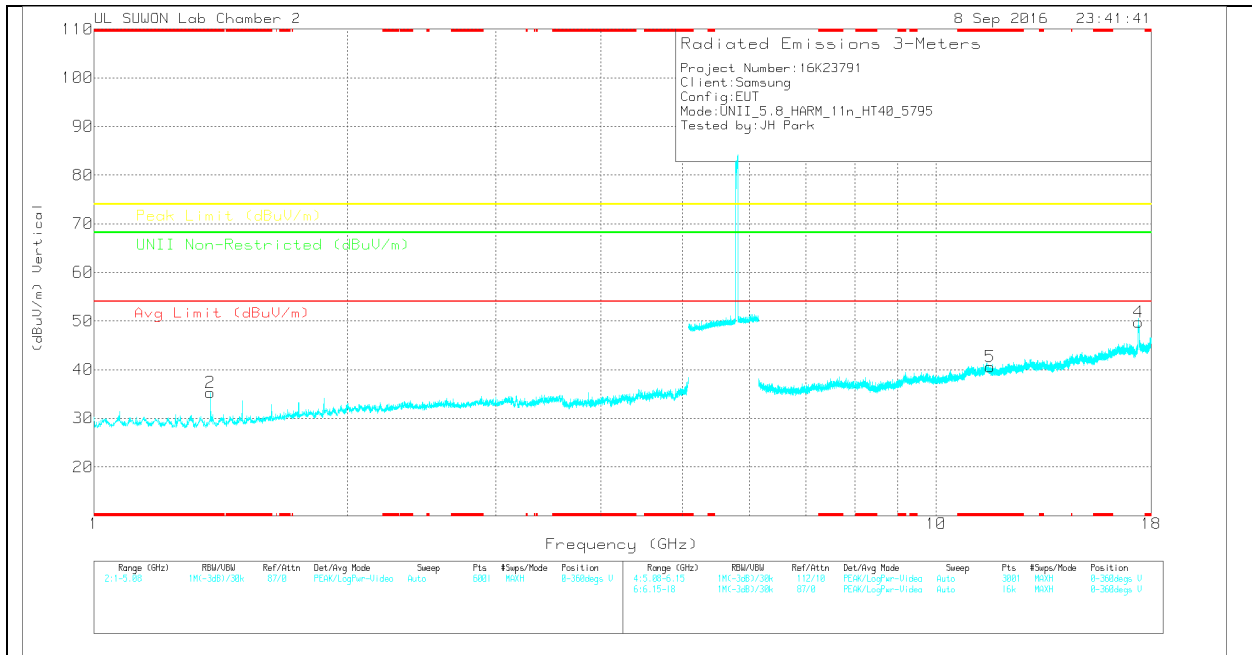
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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(00168724)_150619	Path_4	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	* 1.375	34.09	PK	28.4	-27.7	34.79	-	-	74	-39.21	-	-	0-360	150	H
2	* 1.375	34.63	PK	28.4	-27.7	35.33	-	-	74	-38.67	-	-	0-360	250	V
3	17.379	22.32	PK	41.2	-15	48.52	-	-	-	-	68.2	-19.68	0-360	250	H
6	* 11.601	19.12	PK	38.4	-17.4	40.12	-	-	74	-33.88	-	-	0-360	250	H
4	17.393	23.41	PK	41.2	-14.9	49.71	-	-	-	-	68.2	-18.49	0-360	250	V
5	* 11.597	19.54	PK	38.4	-17.4	40.54	-	-	74	-33.46	-	-	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

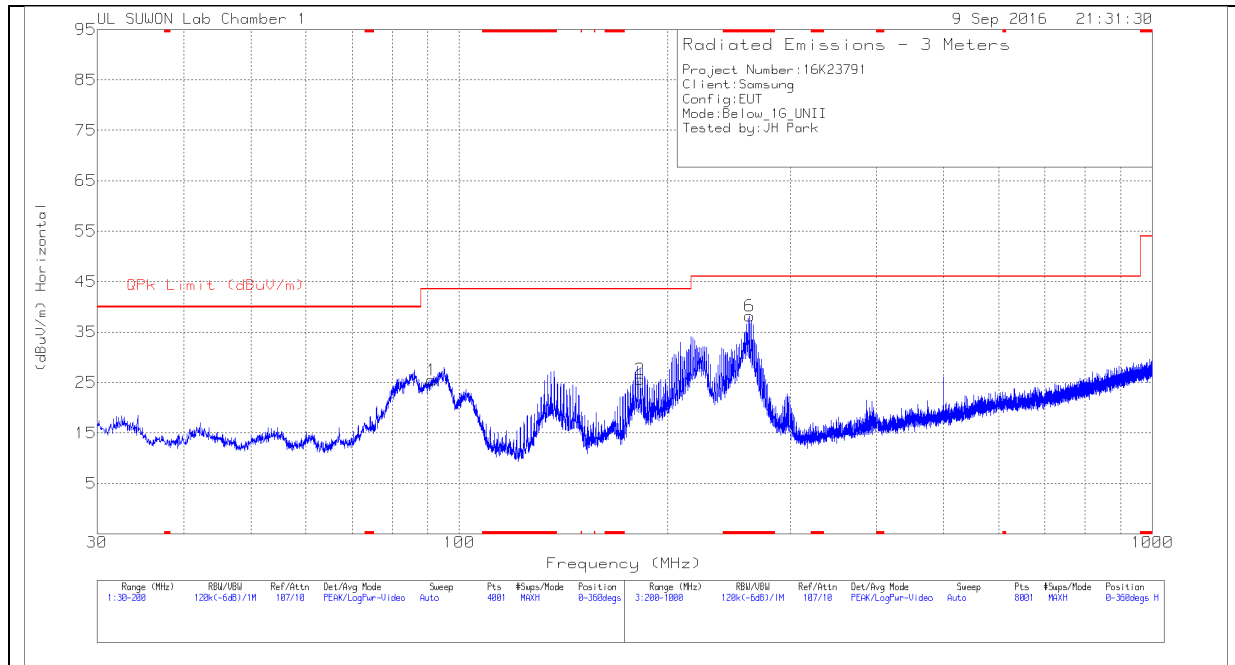
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_5	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
17.381	33.26	PK-U	41.2	-15	59.46	-	-	-	-	68.2	-8.74	220	178	V
17.377	32.83	PK-U	41.2	-15	59.03	-	-	-	-	68.2	-9.17	360	400	H

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

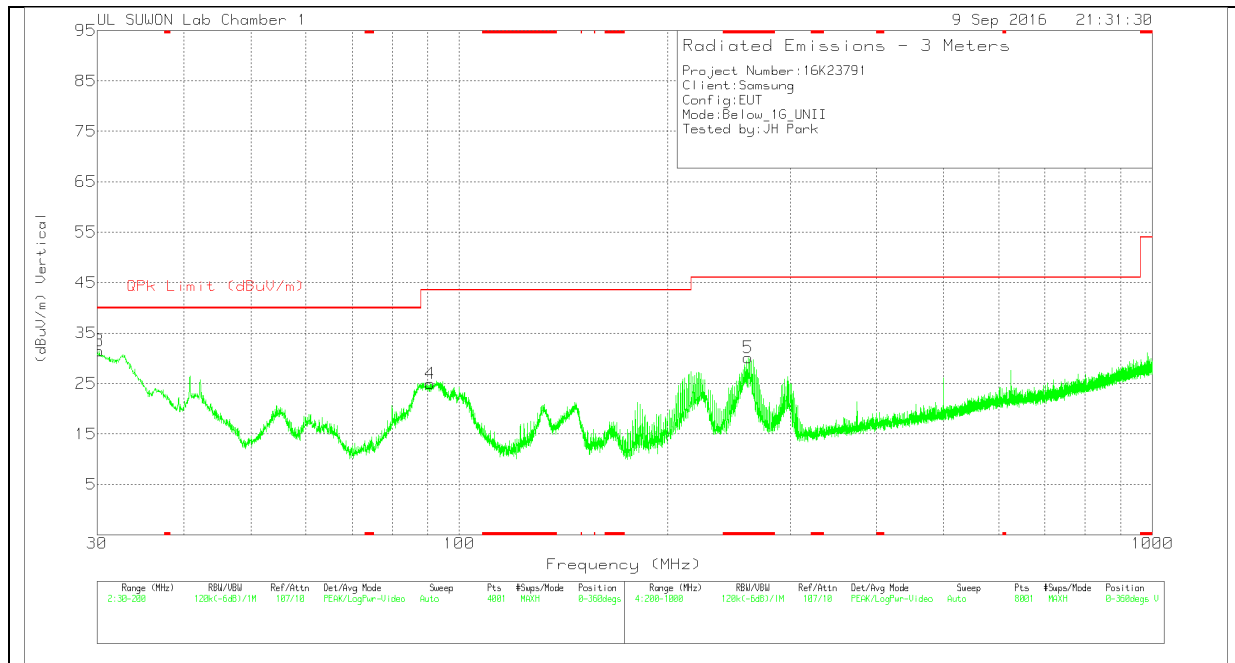
PK-U - U-NII: Maximum Peak

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

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-750	Bi-Log	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	91.2425	45.06	Pk	9.8	-29.4	25.46	43.52	-18.06	0-360	300	H
2	182.3625	44.3	Pk	9.6	-28.3	25.6	43.52	-17.92	0-360	100	H
3	30.2125	51.7	Pk	10.3	-30.5	31.5	40	-8.5	0-360	100	V
4	90.8175	44.69	Pk	9.7	-29.4	24.99	43.52	-18.53	0-360	100	V
6	* 262.4	53.26	Pk	12.6	-27.7	38.16	46.02	-7.86	0-360	200	H
5	* 261	45.21	Pk	12.6	-27.7	30.11	46.02	-15.91	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)
IC RSS-GEN Clause 8.8

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 C63.10.

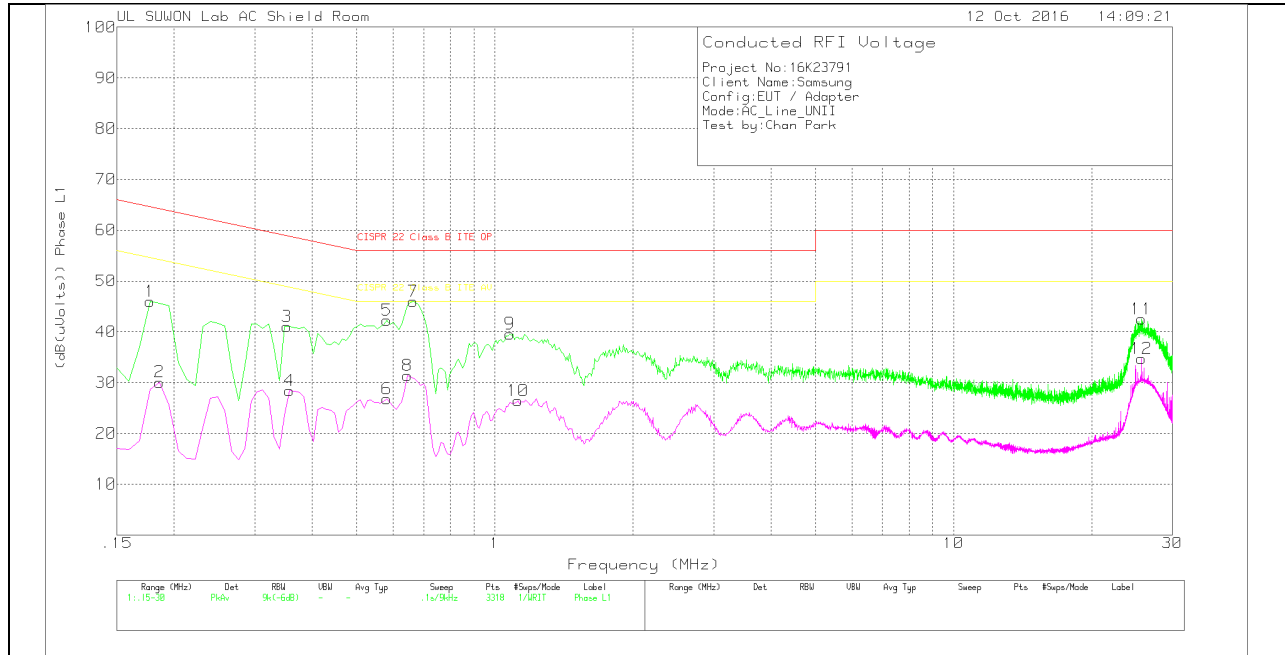
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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_wit h ex-cord_L1	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.177	35.76	Pk	10.2	0	45.96	64.63	-18.67	-	-
2	.186	19.99	Av	10.1	0	30.09	-	-	54.21	-24.12
3	.3525	30.9	Pk	10.1	0	41	58.9	-17.9	-	-
4	.357	18.29	Av	10.1	0	28.39	-	-	48.8	-20.41
5	.582	32.19	Pk	10.1	0	42.29	56	-13.71	-	-
6	.582	16.75	Av	10.1	0	26.85	-	-	46	-19.15
7	.663	35.87	Pk	10.1	0	45.97	56	-10.03	-	-
8	.645	21.29	Av	10.1	0	31.39	-	-	46	-14.61
9	1.077	29.71	Pk	9.9	0	39.61	56	-16.39	-	-
10	1.122	16.59	Av	9.9	0	26.49	-	-	46	-19.51
11	25.692	31.63	Pk	10.6	.3	42.53	60	-17.47	-	-
12	25.692	23.88	Av	10.6	.3	34.78	-	-	50	-15.22

Pk - Peak detector

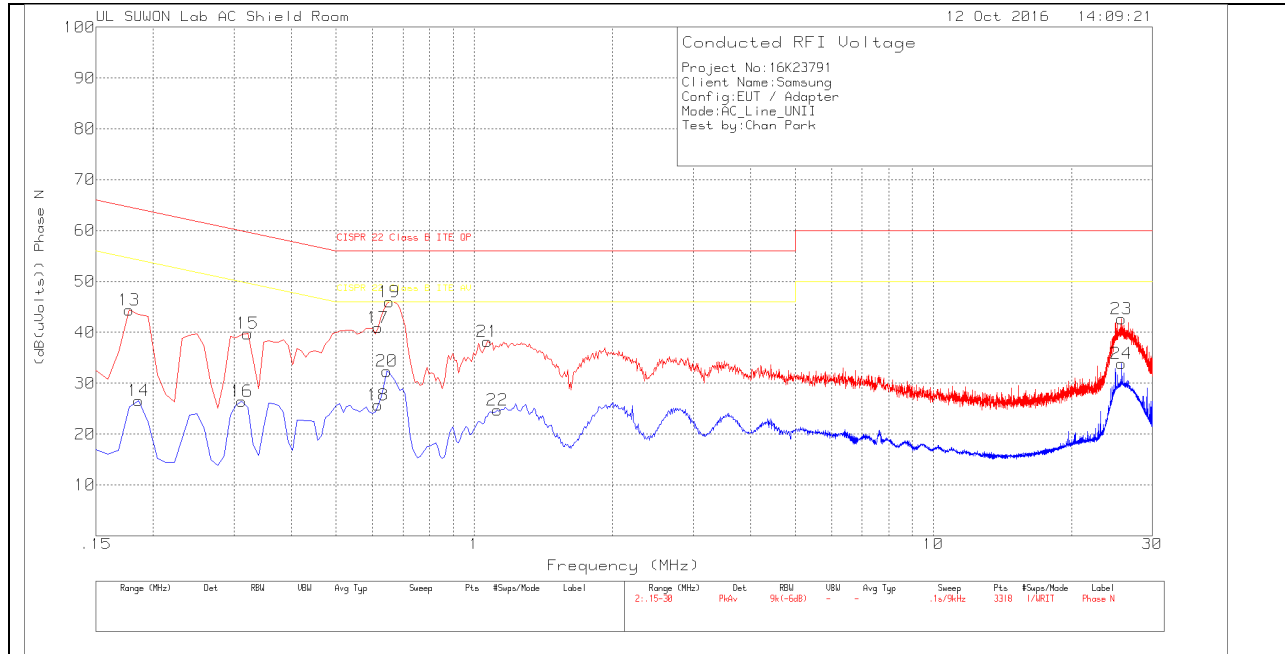
Av - Average detection

Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_wit h ex-cord_L1	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
.1635	13.96	Qp	10.1	0	24.06	65.28	-41.22	-	-
.4857	26.27	Qp	10.2	0	36.47	56.24	-19.77	-	-
.5145	28.39	Qp	10.2	0	38.59	56	-17.41	-	-
3.4755	18.58	Qp	9.8	.1	28.48	56	-27.52	-	-
15.0342	9.95	Qp	10.2	.2	20.35	60	-39.65	-	-
20.3685	10.88	Qp	10.4	.2	21.48	60	-38.52	-	-

Qp - Quasi-Peak detector

LINE 2 PLOT



LINE 2 RESULTS

Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex- cord_N	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	34.22	Pk	10.1	0	44.32	64.63	-20.31	-	-
14	.186	16.53	Av	10	0	26.53	-	-	54.21	-27.68
15	.321	29.84	Pk	9.9	0	39.74	59.68	-19.94	-	-
16	.312	16.49	Av	9.9	0	26.39	-	-	49.92	-23.53
17	.618	30.83	Pk	10.1	0	40.93	56	-15.07	-	-
18	.618	15.64	Av	10.1	0	25.74	-	-	46	-20.26
19	.654	36.03	Pk	10	0	46.03	56	-9.97	-	-
20	.645	22.32	Av	10	0	32.32	-	-	46	-13.68
21	1.068	28.3	Pk	9.9	0	38.2	56	-17.8	-	-
22	1.122	14.88	Av	9.8	0	24.68	-	-	46	-21.32
23	25.692	31.5	Pk	10.8	.3	42.6	60	-17.4	-	-
24	25.692	22.77	Av	10.8	.3	33.87	-	-	50	-16.13

Pk - Peak detector

Av - Average detection

Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_wit h ex-cord_N	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
.1635	13	Qp	10.1	0	23.1	65.28	-42.18	-	-
.4857	25.44	Qp	10.1	0	35.54	56.24	-20.7	-	-
.5145	27.74	Qp	10.1	0	37.84	56	-18.16	-	-
3.8355	16.54	Qp	9.8	.1	26.44	56	-29.56	-	-
15.4788	8.12	Qp	10.3	.2	18.62	60	-41.38	-	-
20.0148	11.3	Qp	10.6	.2	22.1	60	-37.9	-	-

Qp - Quasi-Peak detector

14. DYNAMIC FREQUENCY SELECTION

14.1. OVERVIEW

14.1.1. LIMITS

INDUSTRY CANADA

IC RSS-247 is closely harmonized with FCC Part 15 DFS rules. The deviations are as follows:

RSS-247 Issue §6.3

Note: For the band 5600–5650 MHz, no operation is permitted.

Until further notice, devices subject to this annex shall not be capable of transmitting in the band 5600–5650 MHz. This restriction is for the protection of Environment Canada weather radars operating in this band.

FCC

§15.407 (h), FCC KDB 905462 D02 “COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED-NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250-5350 MHz AND 5470-5725 MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION” and KDB 905462 D03 “U-NII CLIENT DEVICES WITHOUT RADAR DETECTION CAPABILITY”.

Table 1: Applicability of DFS requirements prior to use of a channel

Requirement	Operational Mode		
	Master	Client (without radar detection)	Client (with radar detection)
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode		
	Master	Client (without DFS)	Client (with DFS)
DFS Detection Threshold	Yes	Not required	Yes
Channel Closing Transmission Time	Yes	Yes	Yes
Channel Move Time	Yes	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required	Yes

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar DFS	Client (without DFS)
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in all 20 MHz channel blocks and a null frequency between the bonded 20 MHz channel blocks.		

Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring

Maximum Transmit Power	Value (see notes)
E.I.R.P. \geq 200 mill watt	-64 dBm
E.I.R.P. < 200 mill watt and power spectral density < 10 dBm/MHz	-62 dBm
E.I.R.P. < 200 mill watt that do not meet power spectral density requirement	-64 dBm
<p>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note 3: E.I.R.P. is based on the highest antenna gain. For MIMO devices refer to KDB publication 662911 D01.</p>	

Table 4: DFS Response requirement values

Parameter	Value
<i>Non-occupancy period</i>	30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds (See Note 1)
<i>Channel Closing Transmission Time</i>	200 milliseconds + approx. 60 milliseconds over remaining 10 second period. (See Notes 1 and 2)
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the U-NII 99% transmission power bandwidth. (See Note 3)
<p>Note 1: <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate a <i>Channel</i> move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the <i>U-NII Detection Bandwidth</i> detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.</p>	

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (usec)	PRI (usec)	Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in table 5a	Roundup: $\{(1/360) \times (19 \times 10^6 \text{ PRI}_{\text{usec}})\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 usec. With a minimum increment of 1 usec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the <i>Detection Bandwidth</i> test, <i>Channel Move Time</i> , and <i>Channel Closing Time</i> tests.					

Table 6 – Long Pulse Radar Test Signal

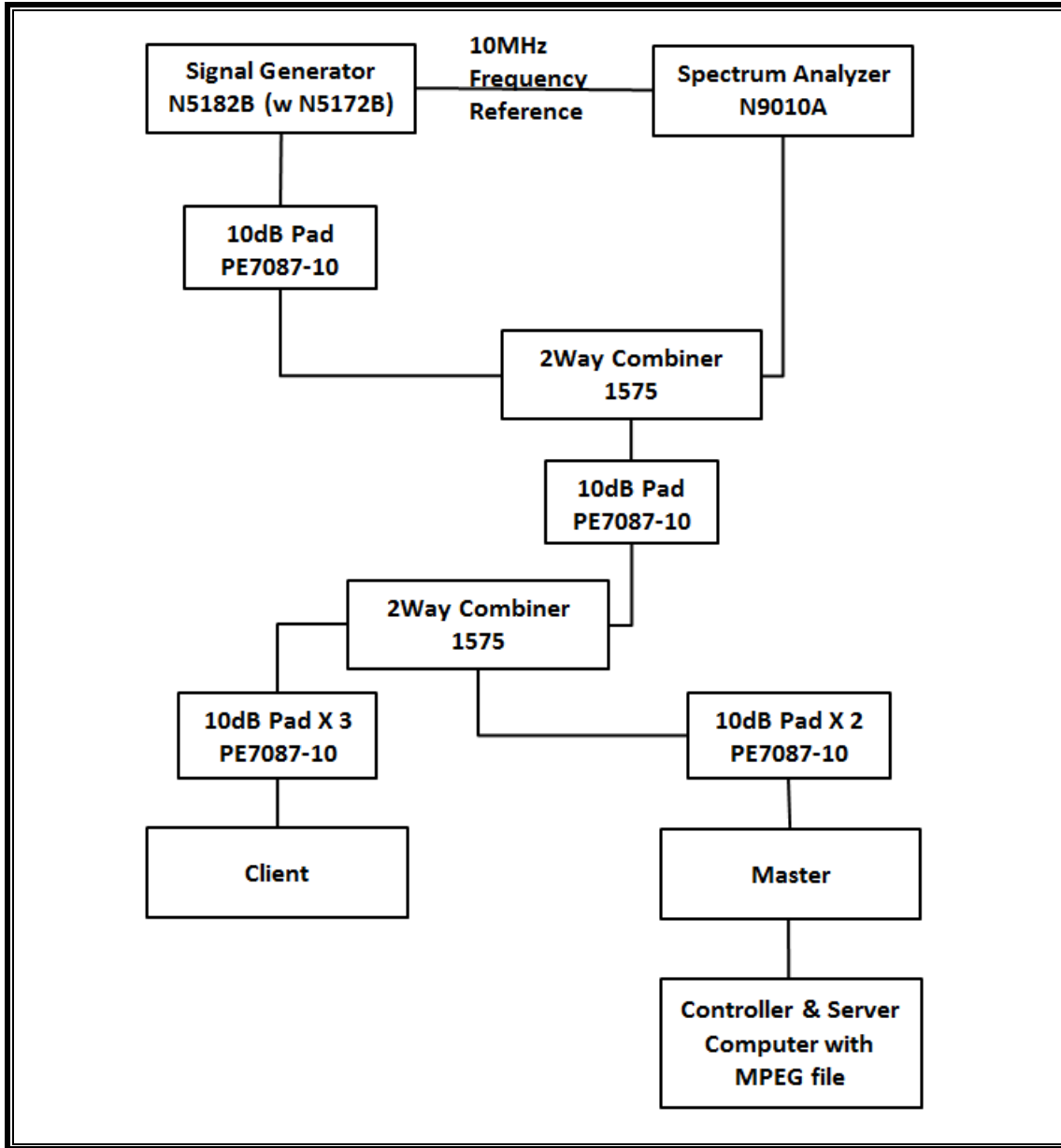
Radar Waveform Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 7 – Frequency Hopping Radar Test Signal

Radar Waveform Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	0.333	300	70%	30

14.1.1. TEST AND MEASUREMENT SYSTEM

CONDUCTED METHOD SYSTEM BLOCK DIAGRAM



SYSTEM OVERVIEW

The short pulse and long pulse signal generating system utilizes the Keysite Signal Studio for Pulse Building as N5172B. The Vector Signal Generator has been validated by the NTIA. The hopping signal generating system utilizes the CCS simulated hopping method and system, which has been validated by the DoD, FCC and NTIA. The software selects waveform parameters from within the bounds of the signal type on a random basis using uniform distribution.

The short pulse types 1, 2, 3 and 4, and the long pulse type 5 parameters are randomized at run-time.

The hopping type 6 pulse parameters are fixed while the hopping sequence is based on the August 2005 NTIA Hopping Frequency List. The initial starting point randomized at run-time and each subsequent starting point is incremented by 475. Each frequency in the 100-length segment is compared to the boundaries of the EUT Detection Bandwidth and the software creates a hopping burst pattern in accordance with Section 7.4.1.3 Method #2 Simulated Frequency Hopping Radar Waveform Generating Subsystem of KDB 905462 D02. The frequency of the signal generator is incremented in 1 MHz steps from F_L to F_H for each successive trial. This incremental sequence is repeated as required to generate a minimum of 30 total trials and to maintain a uniform frequency distribution over the entire Detection Bandwidth.

The signal monitoring equipment consists of a spectrum analyzer. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection and max hold.

SYSTEM CALIBRATION

A 50-ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to a horn antenna via a coaxial cable, with the reference level offset set to (horn antenna gain – coaxial cable loss). The signal generator is set to CW mode. The amplitude of the signal generator is adjusted to yield a level of –64 dBm as measured on the spectrum analyzer.

Without changing any of the instrument settings, the spectrum analyzer is reconnected to the Common port of the Spectrum Analyzer Combiner/Divider. The Reference Level Offset of the spectrum analyzer is adjusted so that the displayed amplitude of the signal is –64 dBm.

The spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device. The interference detection threshold may be varied from the calibrated value of –64 dBm and the spectrum analyzer will still indicate the level as received by the Master Device.

ADJUSTMENT OF DISPLAYED TRAFFIC LEVEL

A link is established between the Master and Slave and the distance between the units is adjusted as needed to provide a suitable received level at the Master and Slave devices. The video test file is streamed to generate WLAN traffic. The monitoring antenna is adjusted so that the WLAN traffic level, as displayed on the spectrum analyzer, is at lower amplitude than the radar detection threshold.

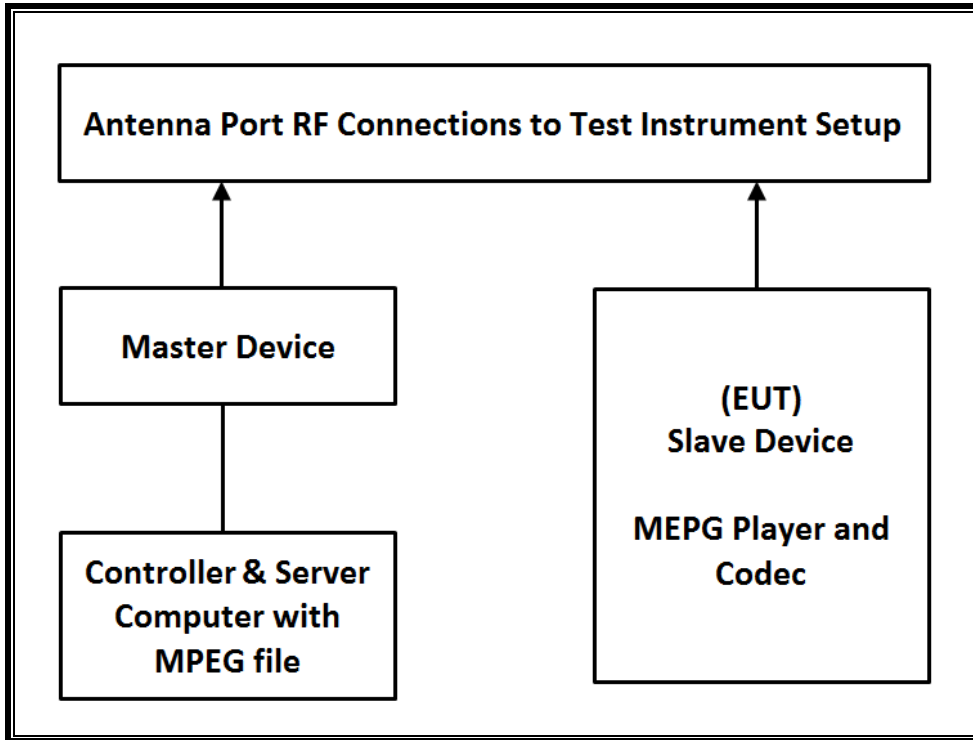
TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the DFS tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	S/N	Cal Due
Spectrum Analyzer, 7 GHz	Agilent / HP	N9010A	MY54200580	08-17-17
Vector Signal Generator, 6GHz	Agilent / HP	N5182B	MY53051241	08-16-17

14.1.2. SETUP OF EUT

CONDUCTED METHOD EUT TEST SETUP



SUPPORT EQUIPMENT

The following support equipment was utilized for the DFS tests documented in this report:

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Wireless Access Point	Cisco	AIR-CAP3702E-A-K9	FTX182276QX	LDK102087
Notebook PC (Controller/Server)	HP	HP EliteDesk 800 G1 TWR	CZC4125J25	DoC

14.1.3. DESCRIPTION OF EUT

The EUT operates over the 5250-5350 MHz and 5470-5725 MHz ranges.

The EUT is a Slave Device without Radar Detection.

The highest power level within these bands is 13.44 dBm in the 5250-5350 MHz band and 13.45 dBm in the 5470-5725 MHz band.

The antenna gain which assembly utilized with the EUT is 0.91 dBi.

The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is -64 dBm. After correction for procedural adjustments, the required conducted threshold at the antenna port is $-64 + 1 = -63$ dBm.

The calibrated radiated DFS Detection Threshold level is set to -64 dBm. The tested level is lower than the required level hence it provides a margin to the limit.

The EUT uses one transmitter/receiver chain connected to an antenna to perform radiated tests.

WLAN traffic that meets or exceeds the minimum required loading was generated by transferring a data stream from the controller/server PC to the EUT using iPerf version 2.0.5 software package.

TPC is not required since the maximum EIRP is less than 500 mW (27 dBm).

The EUT utilizes the 802.11a and 802.11n architecture. Two nominal channel bandwidths are implemented: 20 MHz and 40 MHz.

The software installed in the access point is 12.4(25d)JA1.

UNIFORM CHANNEL SPREADING

This requirement is not applicable to Slave radio devices.

OVERVIEW OF MASTER DEVICE WITH RESPECT TO §15.407 (h) REQUIREMENTS

The Master Device is a Cisco Access Point, FCC ID: LDK102087. The minimum antenna gain for the Master Device is 6 dBi.

The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is -64 dBm. After correction for procedural adjustments, the required radiated threshold at the antenna port is $-64 + 1 = -63$ dBm.

The calibrated radiated DFS Detection Threshold level is set to -64 dBm. The tested level is lower than the required level hence it provides a margin to the limit.

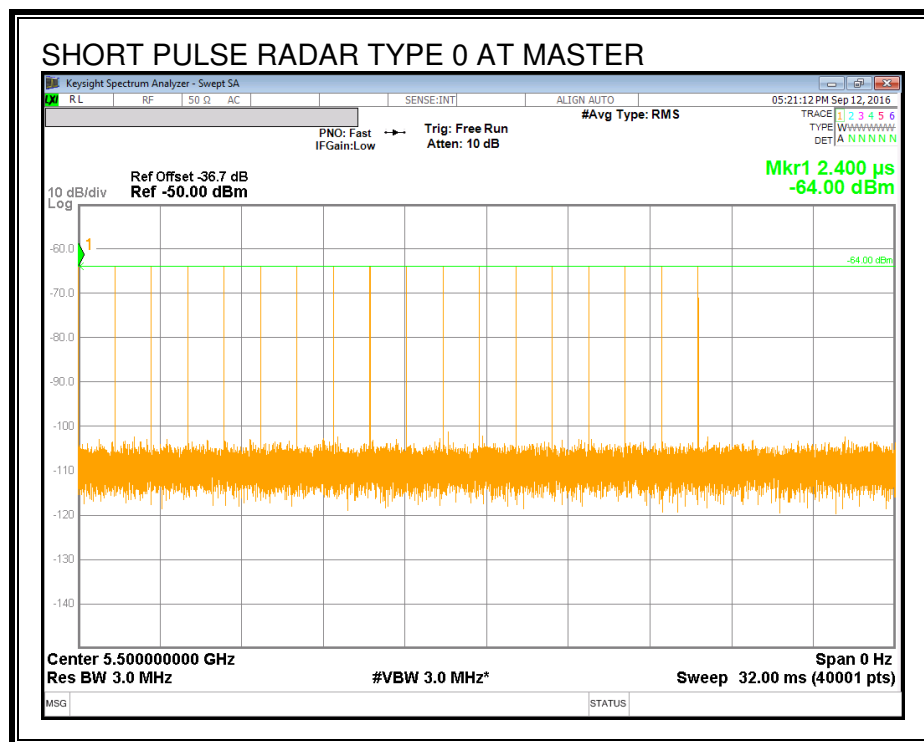
14.2. RESULTS FOR 20 MHz BANDWIDTH

14.2.1. TEST CHANNEL

All tests were performed at a channel center frequency of 5500 MHz.

14.2.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



14.2.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.2.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

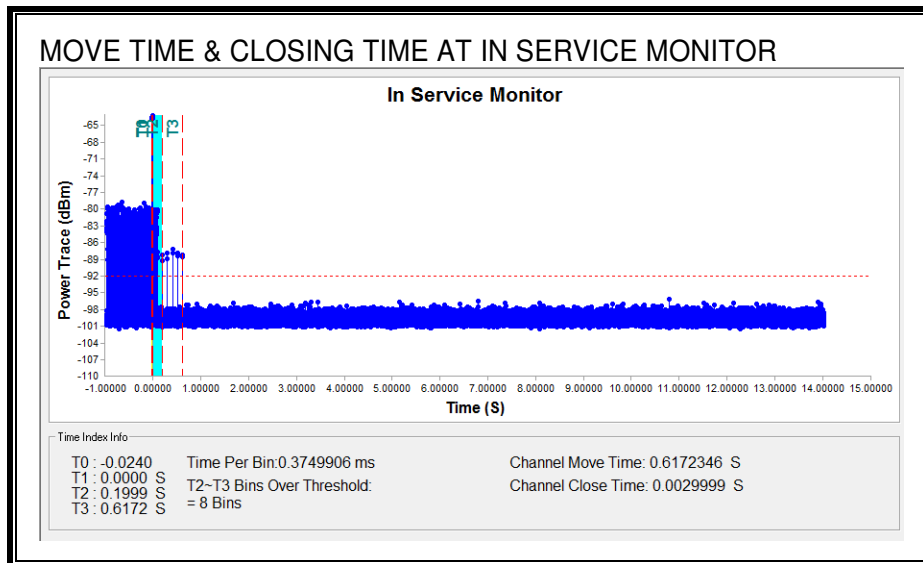
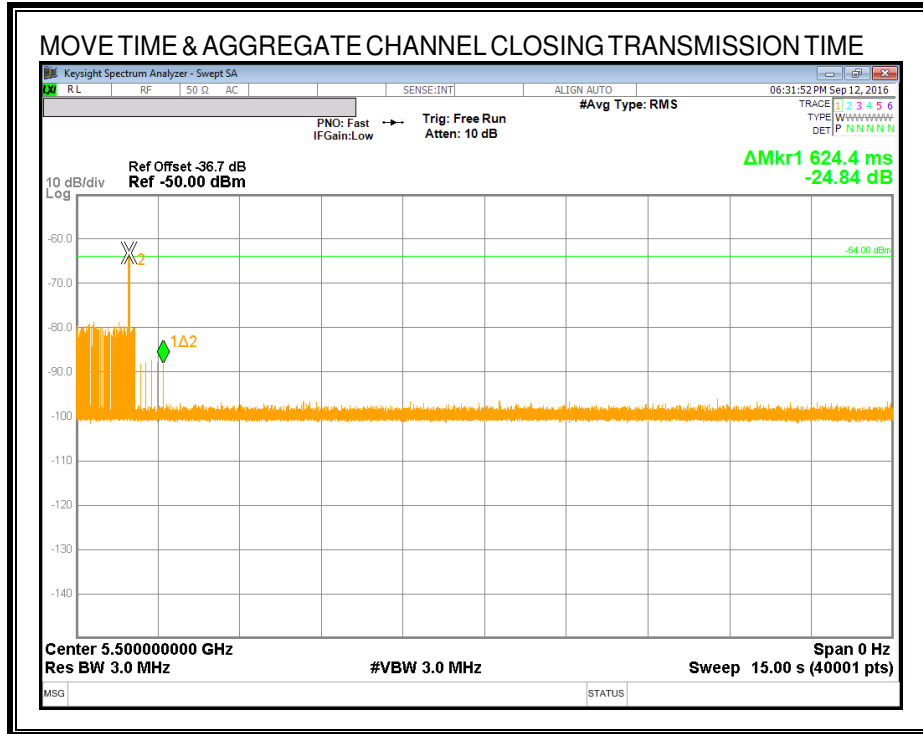
Channel Move Time (sec)	Limit (sec)
0.617	10

Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
3.000	60

MOVE TIME & CHANNEL CLOSING TIME

AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

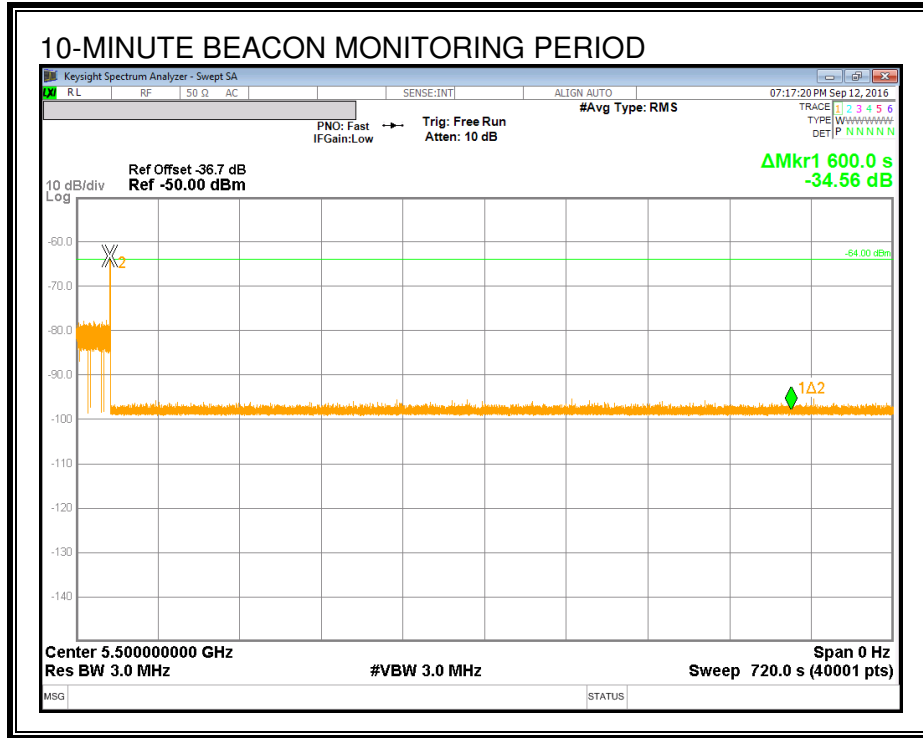
No transmissions are observed during the aggregate monitoring period.



NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.



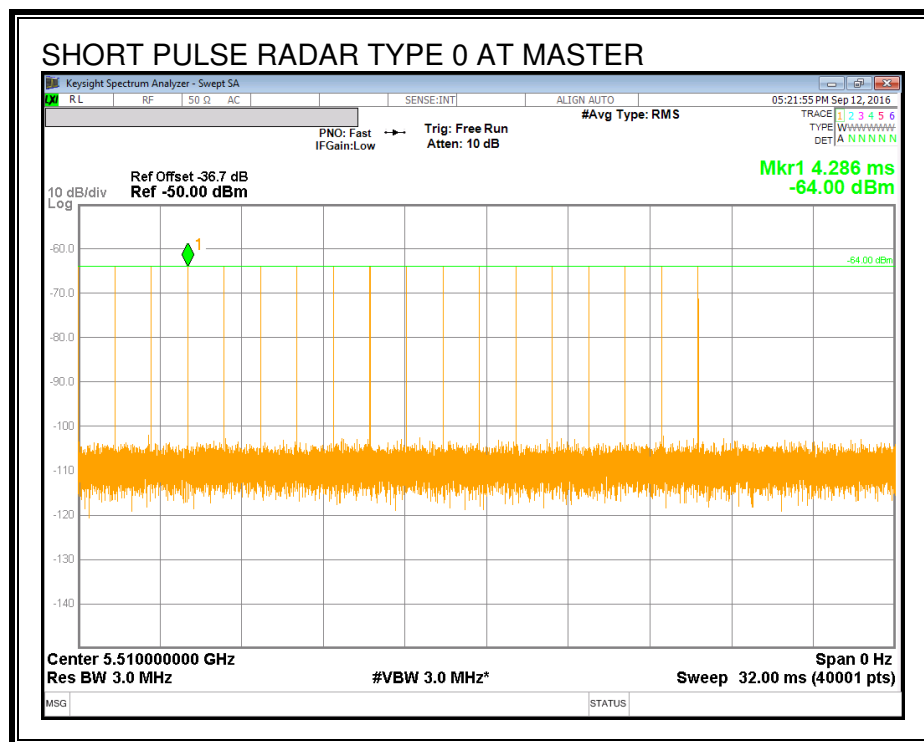
14.3. RESULTS FOR 40 MHz BANDWIDTH

14.3.1. TEST CHANNEL

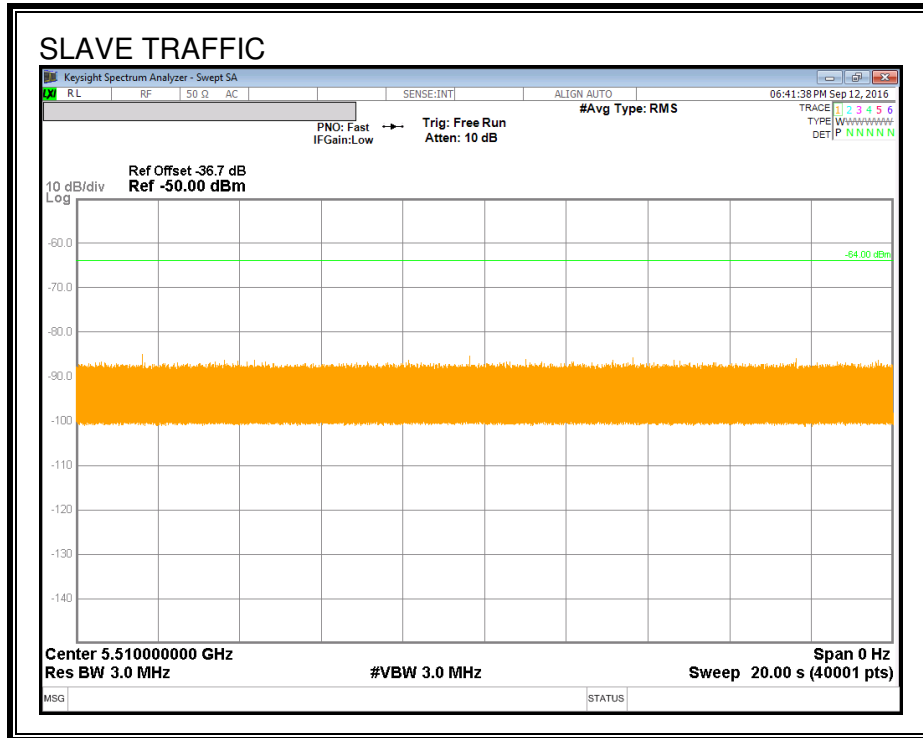
All tests were performed at a channel center frequency of 5510 MHz.

14.3.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



TRAFFIC



14.3.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.3.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

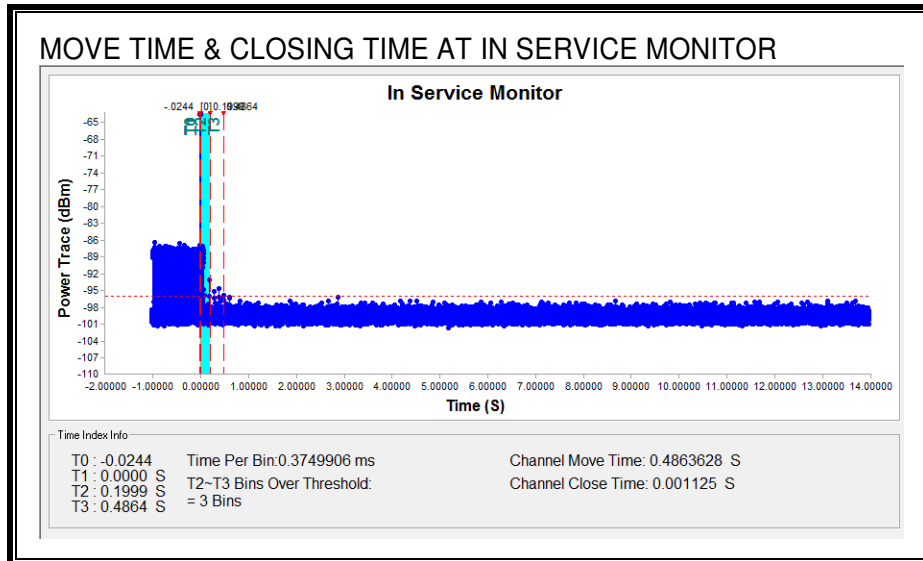
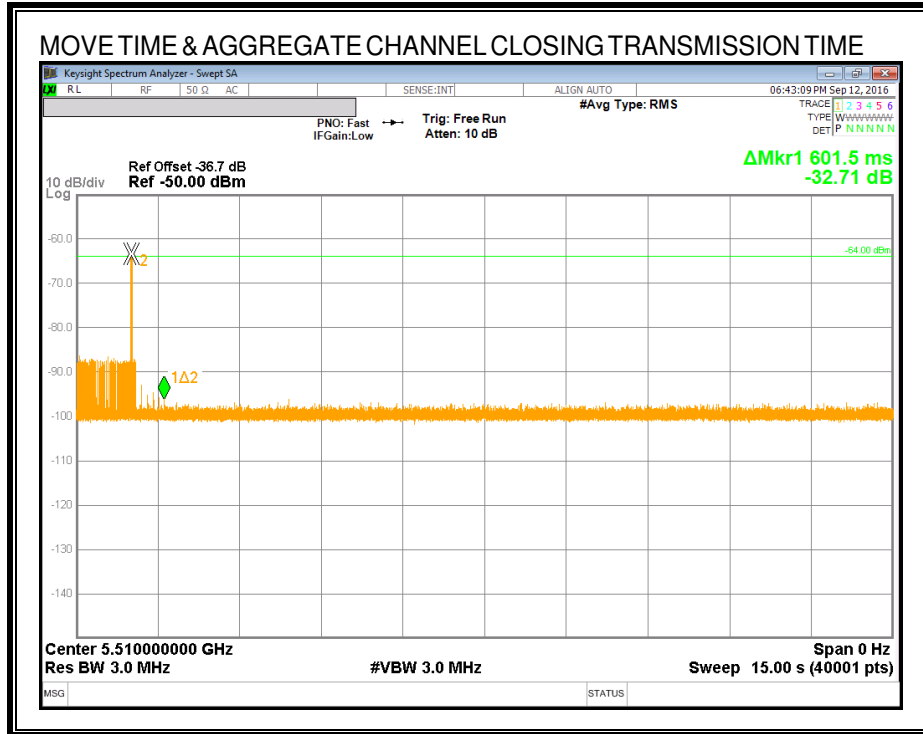
Channel Move Time (sec)	Limit (sec)
0.486	10

Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
1.125	60

MOVE TIME & CHANNEL CLOSING TIME

AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

No transmissions are observed during the aggregate monitoring period.



NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.

