LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.41	32.61	Avg	28.6	-32.1	0	29.11	54	-24.89	-	-	-	-	0-360	200	H
2	* 3.506	34.37	Avg	32.8	-30.7	0	36.47	54	-17.53	-	-	-	-	0-360	200	H
4	* 2.765	31.79	Avg	32.5	-31.6	0	32.69	54	-21.31	-	-	-	-	0-360	100	V
3	* 9.058	27.29	Avg	36.1	-24	0	39.39	54	-14.61	-	-	-	-	0-360	200	H
5	* 7.573	30.28	Avg	35.7	-27.4	0	38.58	54	-15.42	-	-	-	-	0-360	100	V
6	* 12.158	27.36	Avg	39	-24.2	0	42.16	54	-11.84	-	-	-	-	0-360	100	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 2.269	40.45	PK3	31.6	-31.5	0	40.55	-	-	74	-33.45	68.2	-27.65	1	100	H
* 2.269	28.76	ADR	31.6	-31.5	0.32	29.18	54	-24.82	-	-	-	-	1	100	H
* 3.507	42.61	PK3	32.8	-30.7	0	44.71	-	-	74	-29.29	68.2	-23.49	1	200	H
* 3.507	33.69	ADR	32.8	-30.7	0.32	36.11	54	-17.89	-	-	-	-	1	200	H
* 1.583	41.81	PK3	28	-32.8	0	37.01	-	-	74	-36.99	68.2	-31.19	1	100	V
* 1.582	29.76	ADR	28	-32.8	0.32	25.28	54	-28.72	-		-	-	1	100	V
* 11.768	37.08	PK3	38.9	-23	0	52.98	-	-	74	-21.02	68.2	-15.22	1	100	H
* 11.766	25.32	ADR	38.9	-23	0.32	41.54	54	-12.46	-	-	-	-	1	100	H
* 7.29	39.34	PK3	35.6	-28.4	0	46.54	-	-	74	-27.46	68.2	-21.66	1	200	V
* 7.29	27.41	ADR	35.6	-28.4	0.32	34.93	54	-19.07	-	-	-	-	1	200	V
* 8.234	38.19	PK3	35.8	-27.5	0	46.49	-	-	74	-27.51	68.2	-21.71	1	200	V
* 8.236	26.43	ADR	35.8	-27.5	0.32	35.05	54	-18.95	-	-	-	-	1	200	V

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

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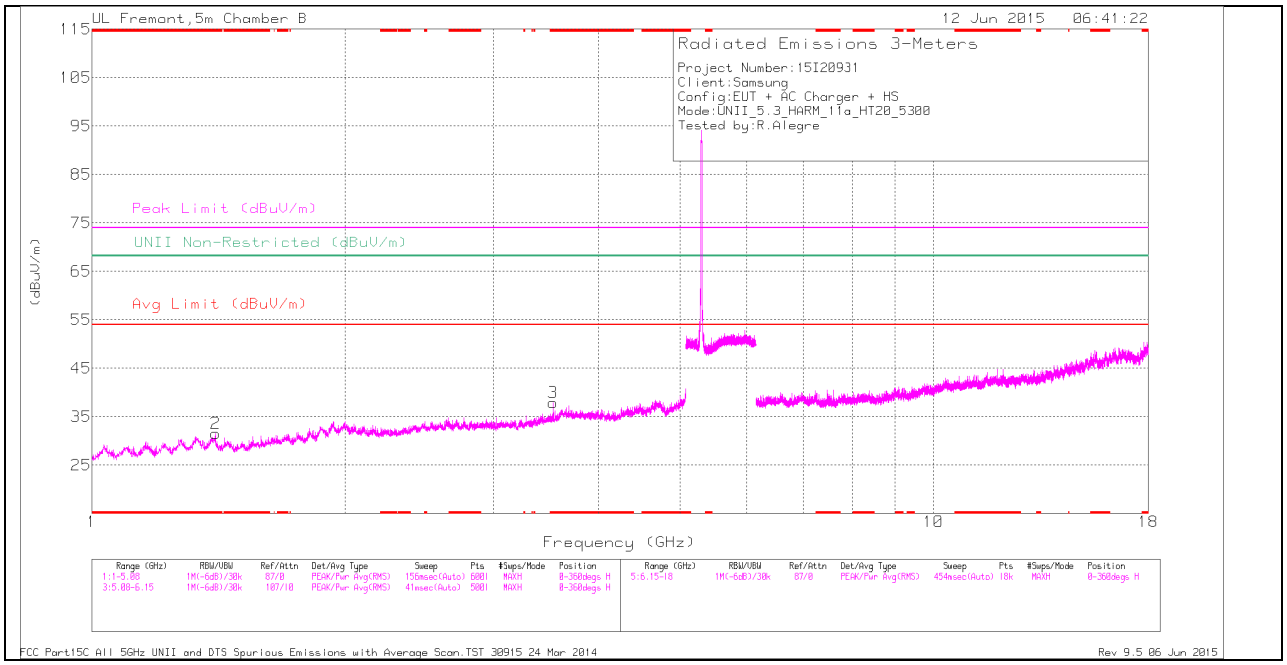
MID CHANNEL HORIZONTAL



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

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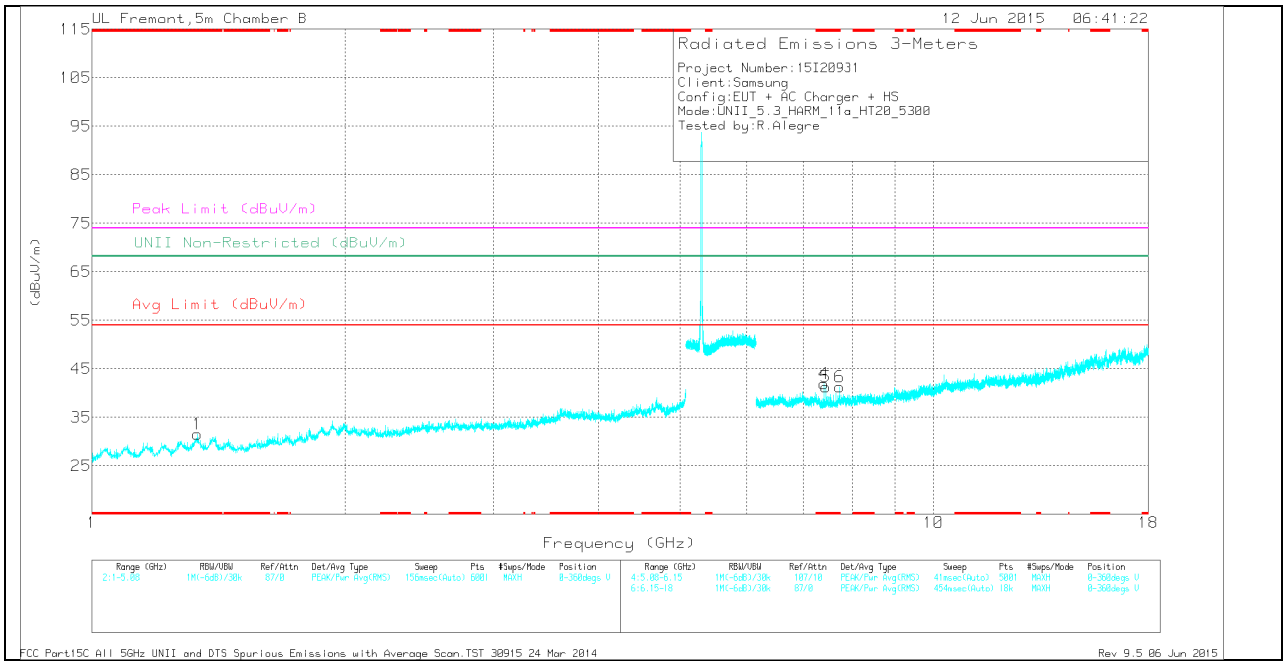
MID CHANNEL VERTICAL



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

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MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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
2	* 1.403	35.13	Pk	29.3	-32.9	0	31.53	-	-	74	-42.47	68.2	-36.67	0-360	102	H
3	* 3.533	35.06	Pk	33.7	-30.8	0	37.96	-	-	74	-36.04	68.2	-30.24	0-360	102	H
1	* 1.335	34.99	Pk	29.4	-32.9	0	31.49	-	-	74	-42.51	68.2	-36.71	0-360	101	V
4	* 7.408	33.29	Pk	35.4	-26.8	0	41.89	-	-	74	-32.11	68.2	-26.31	0-360	200	V
5	* 7.449	32.3	Pk	35.3	-26.3	0	41.3	-	-	74	-32.7	68.2	-26.9	0-360	200	V
6	* 7.738	31.93	Pk	35.5	-26.2	0	41.23	-	-	74	-32.77	68.2	-26.97	0-360	200	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	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
* 3.533	42.92	PK3	32.8	-31.2	0	44.52	-	-	74	-29.48	68.2	-23.68	0	100	H
* 3.533	34.84	ADR	32.8	-31.2	0.32	36.76	54	-17.24	-	-	-	-	0	100	H
* 1.369	41.16	PK3	29	-32.6	0	37.56	-	-	74	-36.44	68.2	-30.64	0	100	H
* 1.367	29.13	ADR	29	-32.6	0.32	25.85	54	-28.15	-	-	-	-	0	100	H
* 8.309	37.47	PK3	35.8	-25.7	0	47.57	-	-	74	-26.43	68.2	-20.63	0	100	H
* 8.306	25.77	ADR	35.8	-25.6	0.32	36.29	54	-17.71	-		-	-	0	100	H
* 11.95	37.02	PK3	39.1	-23.8	0	52.32	-	-	74	-21.68	68.2	-15.88	0	200	H
* 11.947	25.35	ADR	39.1	-23.7	0.32	41.07	54	-12.93	-	-	-	-	0	200	H
* 7.454	38.29	PK3	35.7	-27.6	0	46.39	-	-	74	-27.61	68.2	-21.81	0	200	V
* 7.455	26.65	ADR	35.7	-27.6	0.32	35.07	54	-18.93	-	-	-	-	0	200	V
2.467	40.99	PK3	32.2	-31.8	0	41.39	-	-	74	-32.61	68.2	-26.81	0	100	V
2.468	29.3	ADR	32.2	-31.7	0.32	30.12	54	-23.88	-	-	-	-	0	100	V

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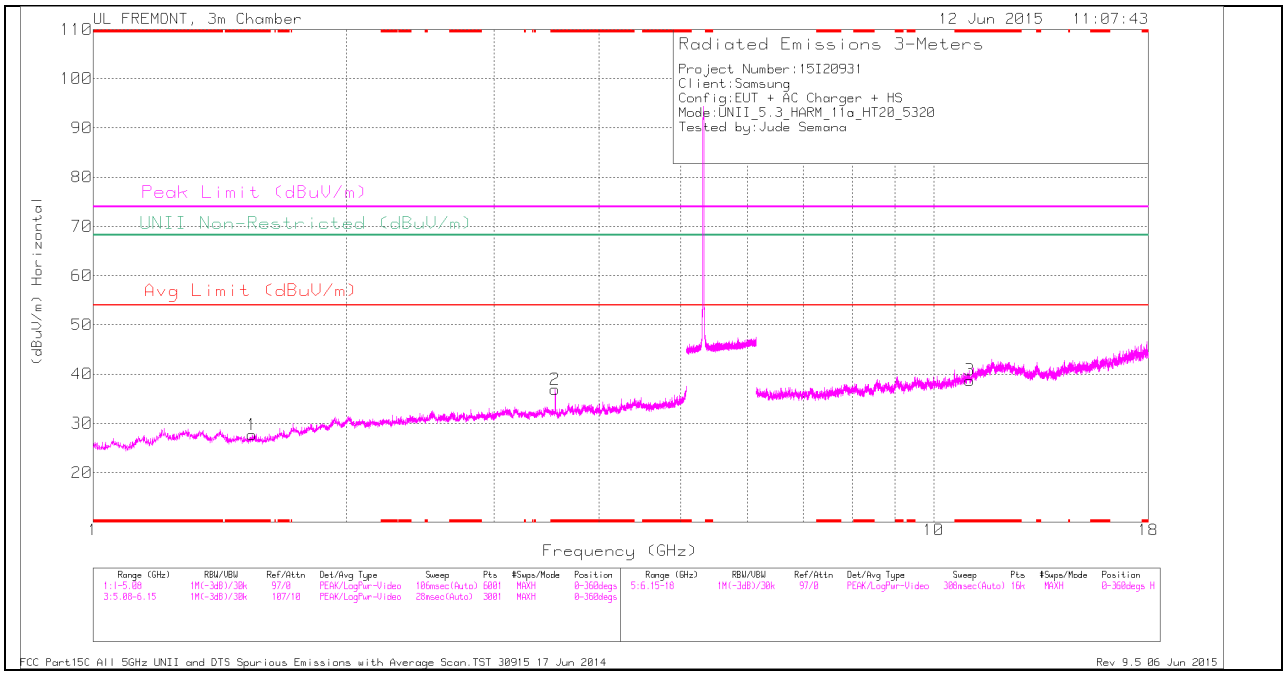
HIGH CHANNEL HORIZONTAL



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

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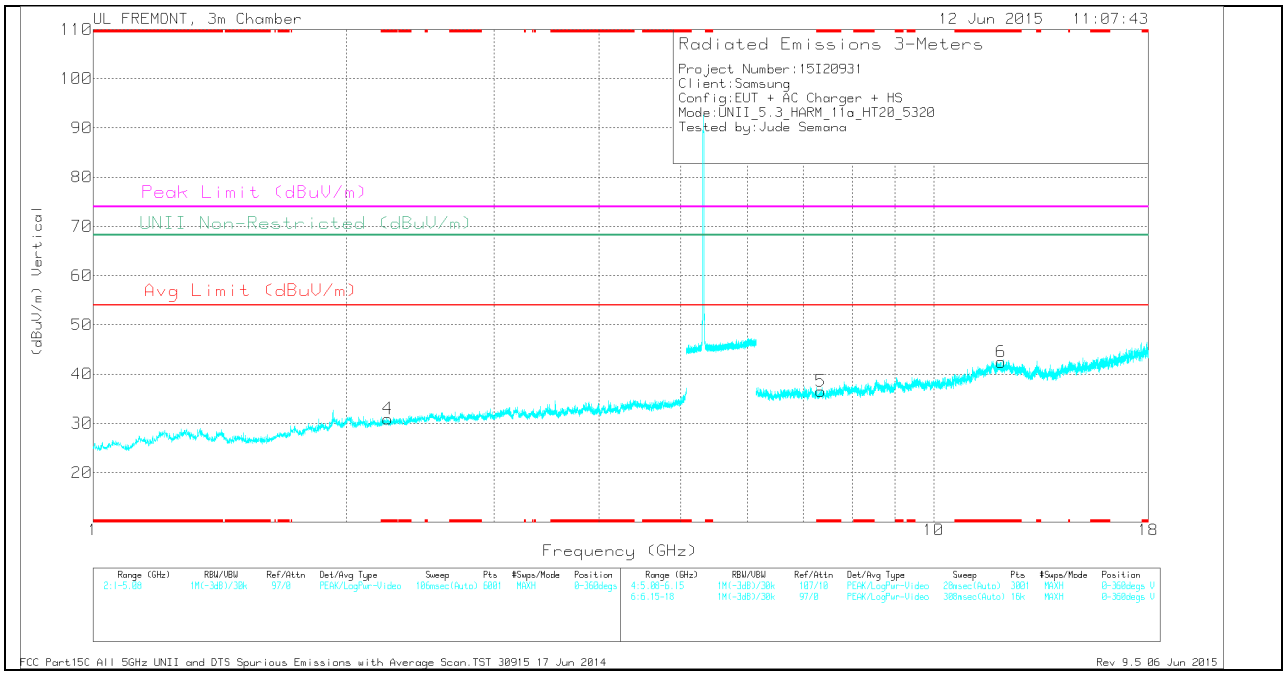
HIGH CHANNEL VERTICAL



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

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HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.545	32.27	Avg	28.1	-32.7	0	27.67	54	-26.33	-	-	-	-	0-360	100	H
2	* 3.547	35.27	Avg	32.8	-31.2	0	36.87	54	-17.13	-	-	-	-	0-360	100	H
4	* 2.242	31.14	Avg	31.5	-31.7	0	30.94	54	-23.06	-	-	-	-	0-360	100	V
3	* 11.036	24.54	Avg	37.8	-23.6	0	38.74	54	-15.26	-	-	-	-	0-360	200	H
5	* 7.34	29.33	Avg	35.6	-28.4	0	36.53	54	-17.47	-	-	-	-	0-360	100	V
6	* 12.033	26.76	Avg	39.1	-23.4	0	42.46	54	-11.54	-	-	-	-	0-360	100	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 1.397	41.02	PK3	28.7	-32.2	0	37.52	-	-	74	-36.48	68.2	-30.68	1	100	H
* 1.397	28.98	ADR	28.7	-32.2	0.32	25.8	54	-28.2	-	-	-	-	1	100	H
* 3.547	43.04	PK3	32.8	-31.2	0	44.64	-	-	74	-29.36	68.2	-23.56	1	200	H
* 3.546	33.58	ADR	32.8	-31.2	0.32	35.5	54	-18.5	-	-	-	-	1	200	H
* 2.274	40.29	PK3	31.6	-31.6	0	40.29	-	-	74	-33.71	68.2	-27.91	1	200	V
* 2.275	28.9	ADR	31.6	-31.6	0.32	29.22	54	-24.78	-		-	-	1	200	V
* 11.251	37.25	PK3	38	-23.6	0	51.65	-	-	74	-22.35	68.2	-16.55	1	100	H
* 11.251	24.79	ADR	38	-23.6	0.32	39.51	54	-14.49	-	-	-	-	1	100	H
* 7.486	38.38	PK3	35.7	-28.1	0	45.98	-	-	74	-28.02	68.2	-22.22	1	100	V
* 7.486	27	ADR	35.7	-28.1	0.32	34.92	54	-19.08	-	-	-	-	1	100	V
* 12.005	37.54	PK3	39.1	-23.5	0	53.14	-	-	74	-20.86	68.2	-15.06	1	100	V
* 12.002	25.44	ADR	39.1	-23.4	0.32	41.46	54	-12.54	-	-	-	-	1	100	V

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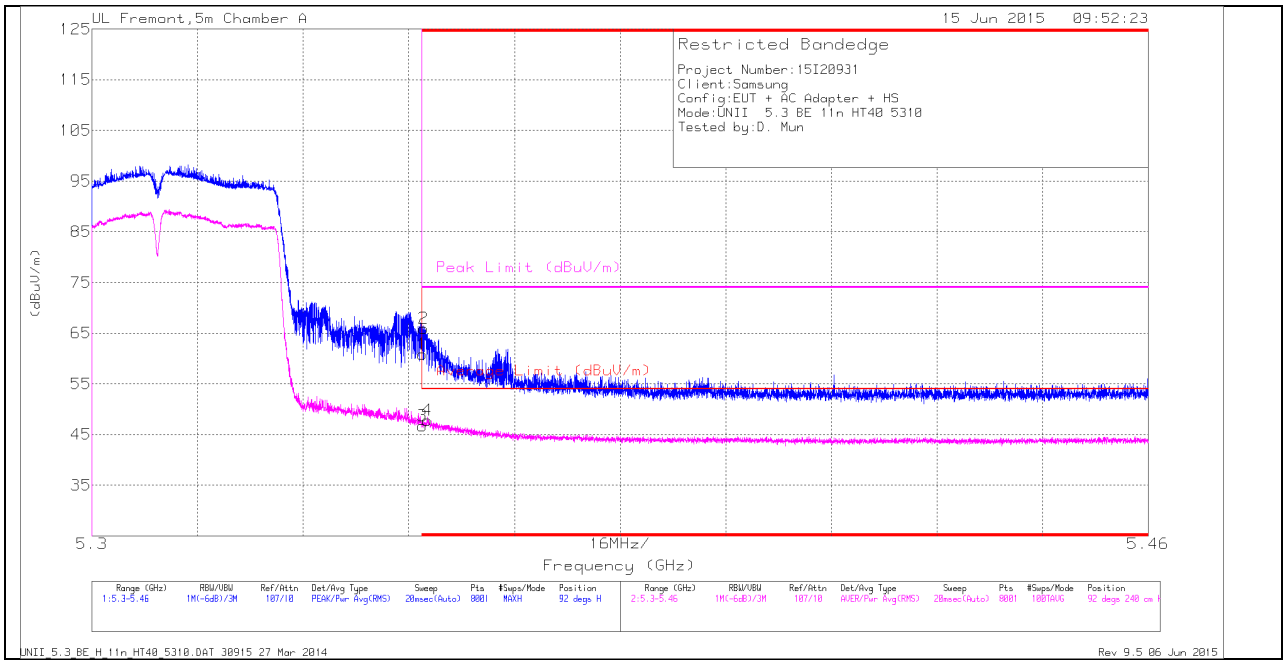
11.2.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Fixture 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	47.35	Pk	34.6	-21.1	0	60.85	-	-	74	-13.15	92	240	H
2	* 5.35	52.39	Pk	34.6	-21.1	0	65.89	-	-	74	-8.11	92	240	H
3	* 5.35	33.14	RMS	34.6	-21.1	.6	47.24	54	-6.76	-	-	92	240	H
4	* 5.351	34.27	RMS	34.6	-21.1	.6	48.37	54	-5.63	-	-	92	240	H

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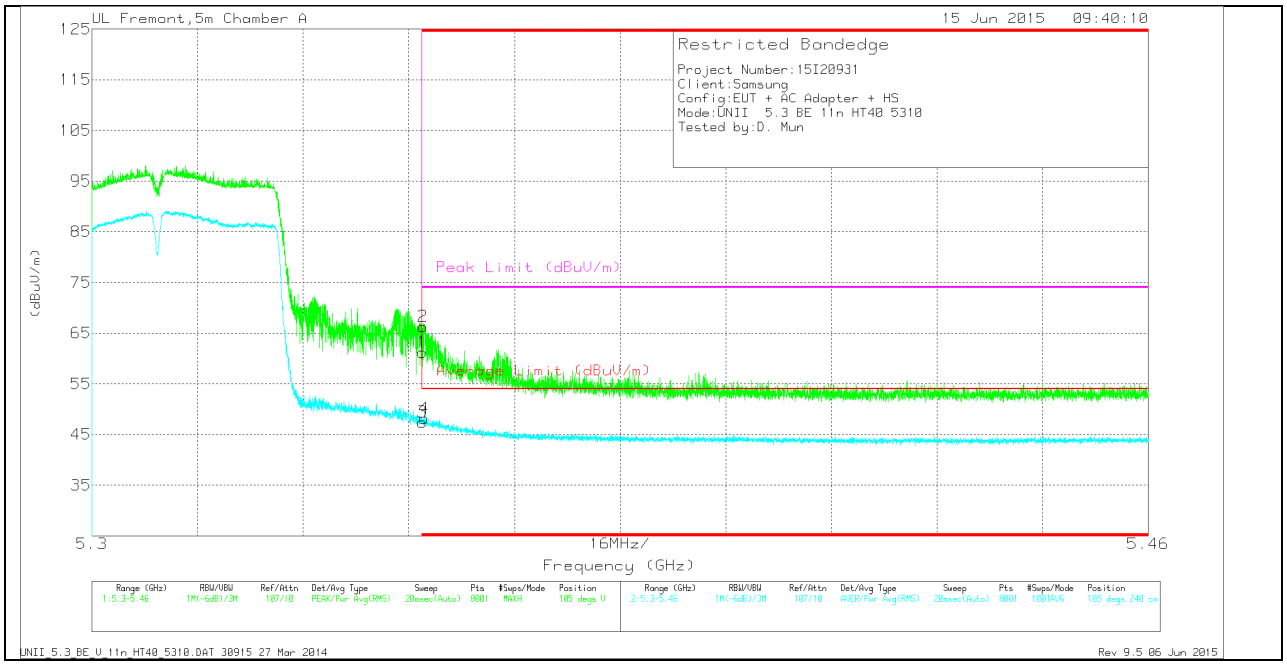
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Fixture 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	47.75	Pk	34.6	-21.1	0	61.25	-	-	74	-12.75	105	240	V
2	* 5.35	52.81	Pk	34.6	-21.1	0	66.31	-	-	74	-7.69	105	240	V
3	* 5.35	33.97	RMS	34.6	-21.1	.6	48.07	54	-5.93	-	-	105	240	V
4	* 5.35	34.69	RMS	34.6	-21.1	.6	48.79	54	-5.21	-	-	105	240	V

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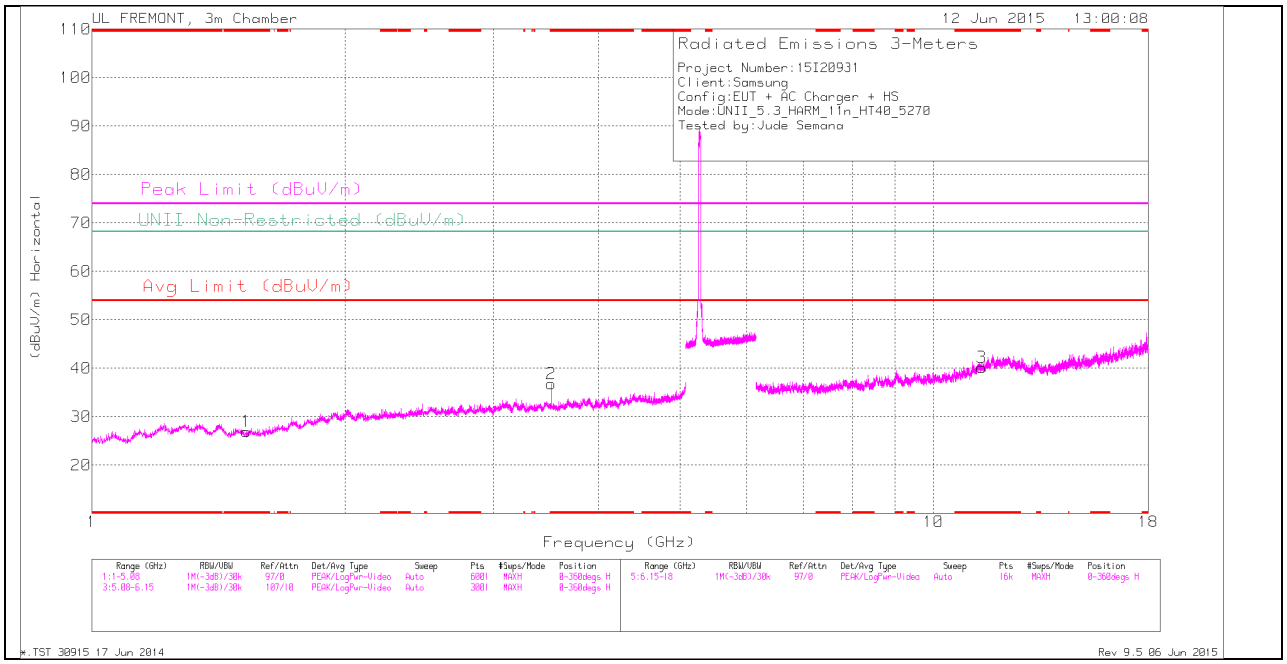
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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

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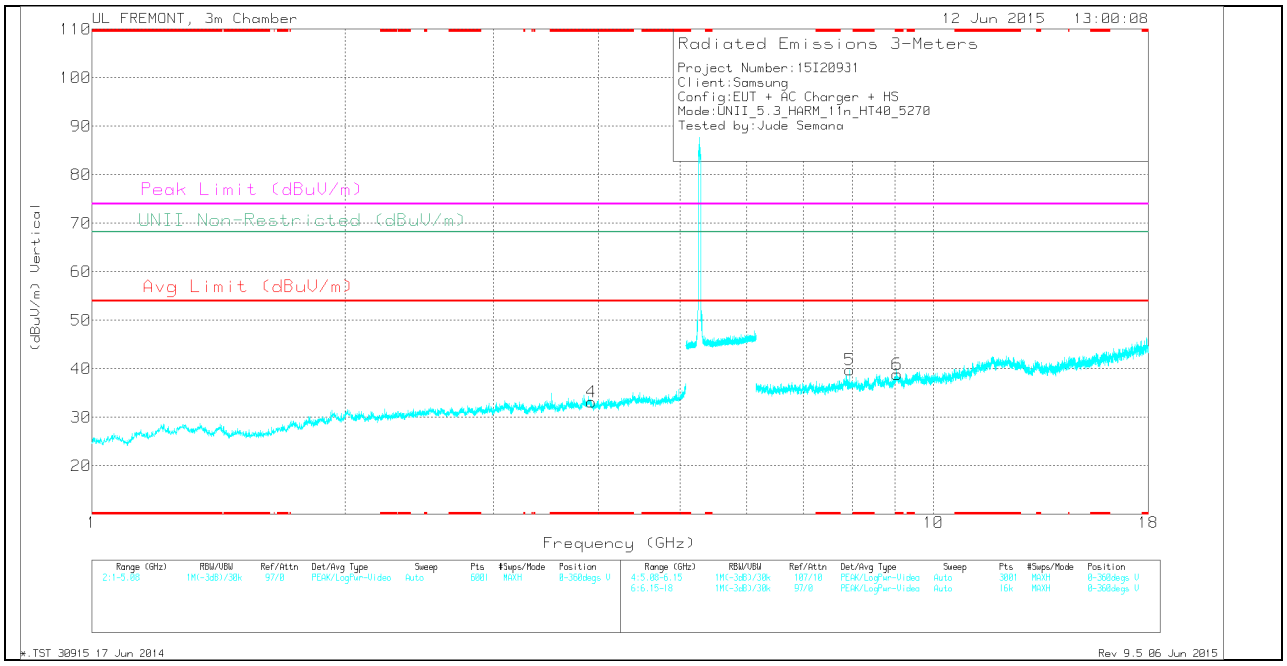
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.527	31.39	Avg	28.1	-32.5	0	26.99	54	-27.01	-	-	-	-	0-360	100	H
2	* 3.513	34.8	Avg	32.8	-30.8	0	36.8	54	-17.2	-	-	-	-	0-360	200	H
4	* 3.925	30.42	Avg	33.2	-30.4	0	33.22	54	-20.78	-	-	-	-	0-360	200	V
3	* 11.402	25.14	Avg	38.2	-23.1	0	40.24	54	-13.76	-	-	-	-	0-360	100	H
6	* 9.054	26.82	Avg	36.1	-24	0	38.92	54	-15.08	-	-	-	-	0-360	100	V
5	7.956	31.66	Avg	35.8	-27.7	0	39.76	54	-14.24	-	-	-	-	0-360	200	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 1.528	41.61	PK3	28.1	-32.5	0	37.21	-	-	74	-36.79	68.2	-30.99	1	100	H
* 1.527	29.42	ADR	28.1	-32.5	0.6	25.62	54	-28.38	-	-	-	-	1	100	H
* 3.513	42.77	PK3	32.8	-30.8	0	44.77	-	-	74	-29.23	68.2	-23.43	1	200	H
* 3.513	33.79	ADR	32.8	-30.8	0.6	36.39	54	-17.61	-	-	-	-	1	200	H
* 3.925	40.14	PK3	33.2	-30.5	0	42.84	-	-	74	-31.16	68.2	-25.36	1	200	V
* 3.924	28.65	ADR	33.2	-30.5	0.6	31.95	54	-22.05	-		-	-	1	200	V
* 11.403	36.53	PK3	38.2	-23.1	0	51.63	-	-	74	-22.37	68.2	-16.57	1	100	H
* 11.403	24.78	ADR	38.2	-23.1	0.6	40.48	54	-13.52	-	-	-	-	1	100	H
* 9.054	36.49	PK3	36.1	-24	0	48.59	-	-	74	-25.41	68.2	-19.61	1	100	V
* 9.052	25.19	ADR	36.1	-23.9	0.6	37.99	54	-16.01	-	-	-	-	1	100	V
7.957	39.58	PK3	35.8	-27.7	0	47.68	-	-	74	-26.32	68.2	-20.52	1	200	V
7.957	27.12	ADR	35.8	-27.7	0.6	35.82	54	-18.18	-	-	-	-	1	200	V

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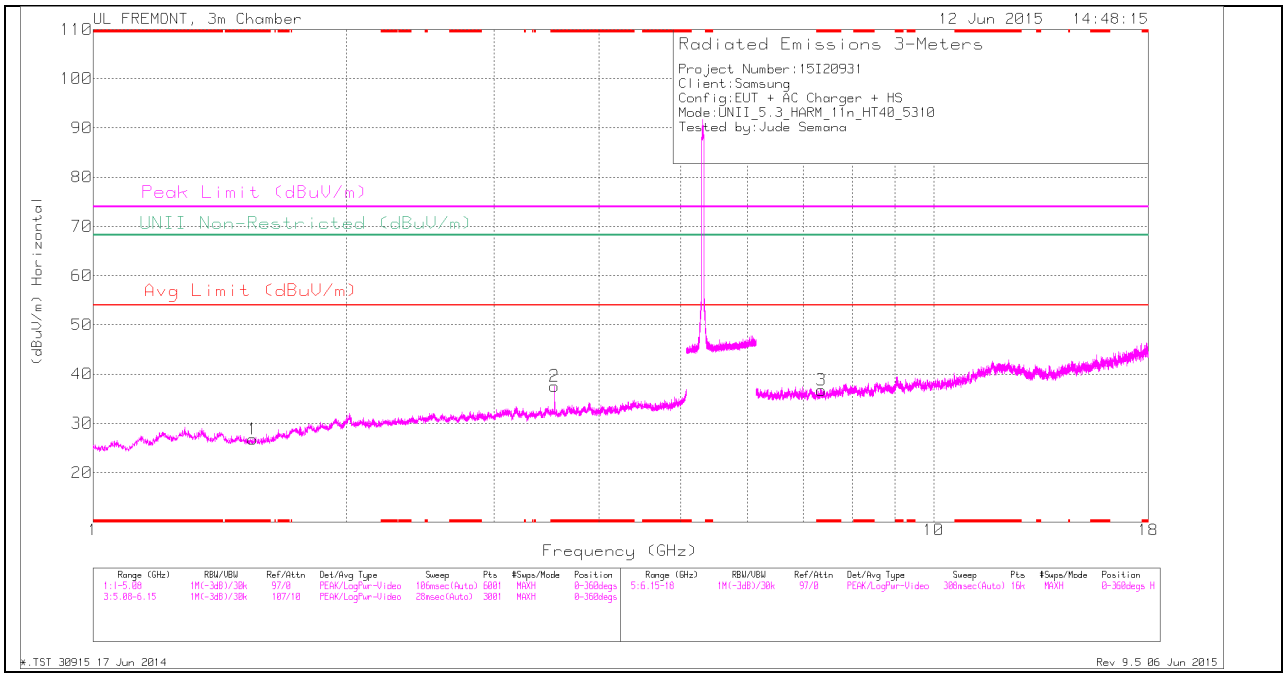
HIGH CHANNEL HORIZONTAL



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

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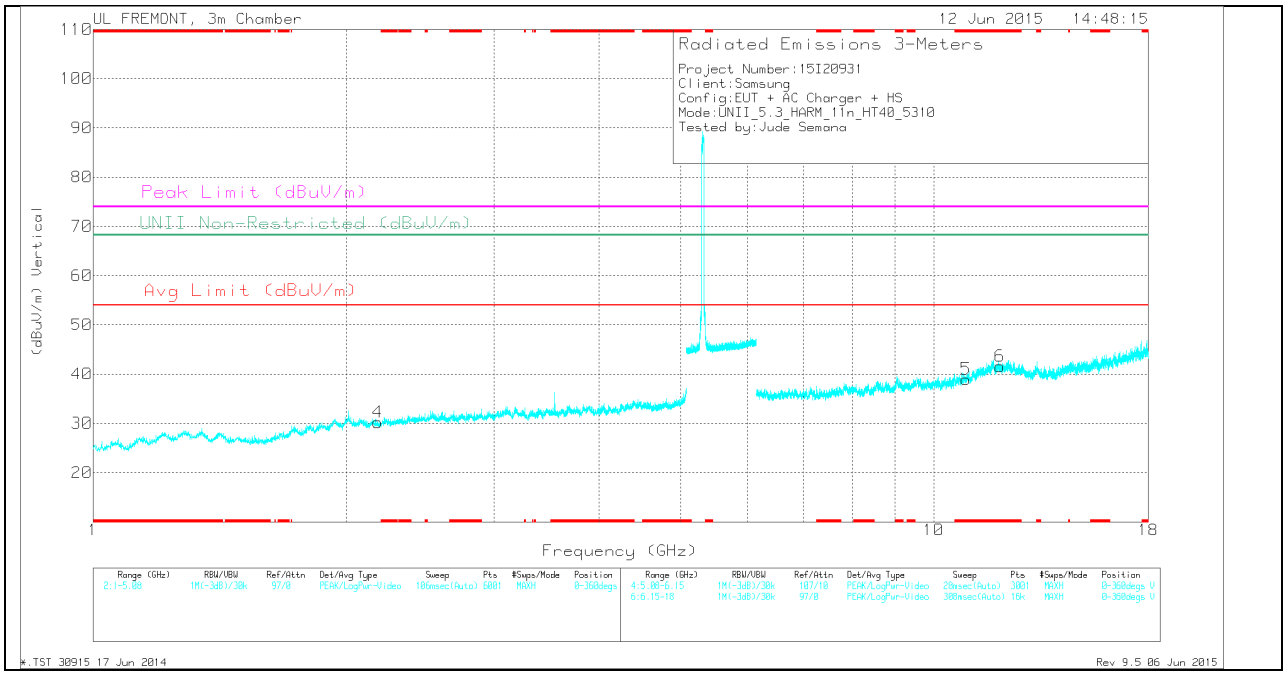
HIGH CHANNEL VERTICAL



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

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HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.549	31.38	Avg	28.1	-32.7	0	26.78	54	-27.22	-	-	-	-	0-360	100	H
2	* 3.54	35.85	Avg	32.8	-31.1	0	37.55	54	-16.45	-	-	-	-	0-360	100	H
3	* 7.357	29.22	Avg	35.6	-28.1	0	36.72	54	-17.28	-	-	-	-	0-360	100	H
5	* 10.924	25.28	Avg	37.8	-24.1	0	38.98	54	-15.02	-	-	-	-	0-360	200	V
6	* 11.992	25.87	Avg	39.1	-23.4	0	41.57	54	-12.43	-	-	-	-	0-360	100	V
4	2.182	30.81	Avg	31.4	-32	0	30.21	54	-23.79	-	-	-	-	0-360	100	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	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
* 1.55	41.35	PK3	28.1	-32.7	0	36.75	-	-	74	-37.25	68.2	-31.45	0	100	H
* 1.548	29.6	ADR	28.1	-32.7	0.6	25.6	54	-28.4	-	-	-	-	0	100	H
* 3.54	43.36	PK3	32.8	-31.1	0	45.06	-	-	74	-28.94	68.2	-23.14	1	262	H
* 3.54	35.8	ADR	32.8	-31.1	0.6	38.1	54	-15.9	-	-	-	-	1	262	H
* 7.356	39.1	PK3	35.6	-28.1	0	46.6	-	-	74	-27.4	68.2	-21.6	1	100	H
* 7.356	27.56	ADR	35.6	-28.1	0.6	35.66	54	-18.34	-		-	-	1	100	H
* 10.923	36.04	PK3	37.8	-24	0	49.84	-	-	74	-24.16	68.2	-18.36	1	200	V
* 10.922	24.28	ADR	37.8	-24	0.6	38.68	54	-15.32	-	-	-	-	1	200	V
* 11.993	36.77	PK3	39.1	-23.4	0	52.47	-	-	74	-21.53	68.2	-15.73	1	100	V
* 11.992	25.34	ADR	39.1	-23.4	0.6	41.64	54	-12.36	-	-	-	-	1	100	V
2.183	40.54	PK3	31.4	-32	0	39.94	-	-	74	-34.06	68.2	-28.26	1	100	V
2.184	28.77	ADR	31.4	-32	0.6	28.77	54	-25.23	-	-	-	-	1	100	V

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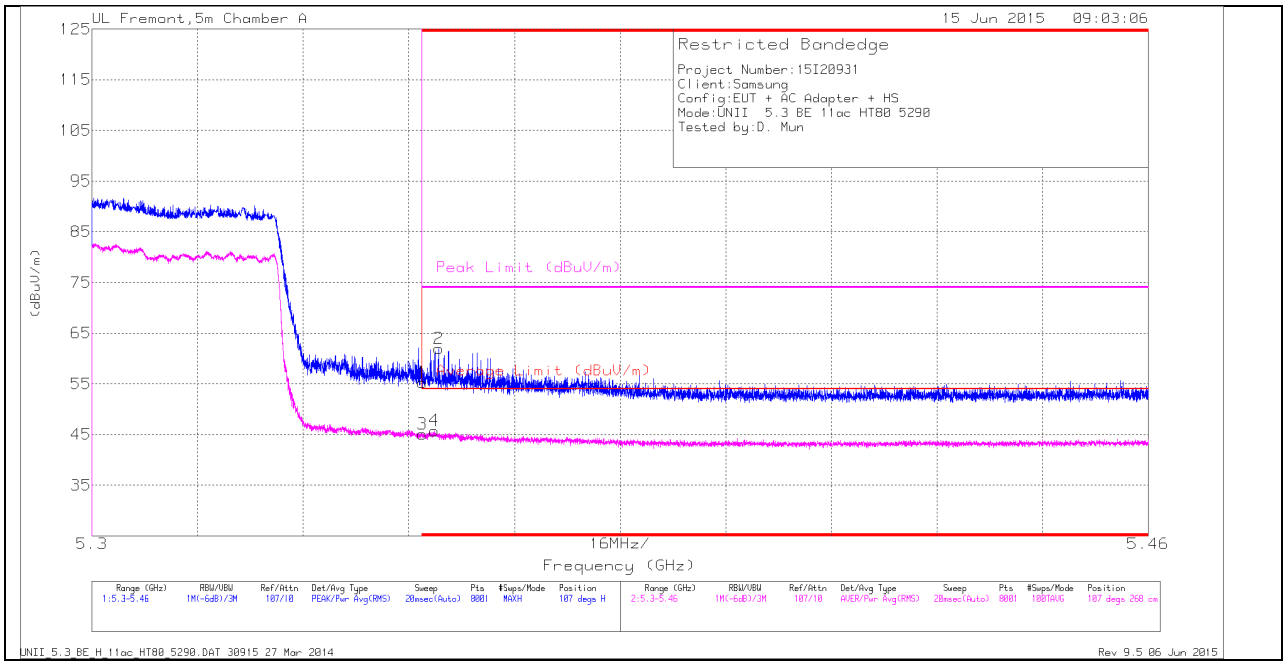
11.2.4. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.81	Pk	34.6	-21.1	0	55.31	-	-	74	-18.69	107	268	H
2	* 5.353	48.42	Pk	34.6	-21.1	0	61.92	-	-	74	-12.08	107	268	H
3	* 5.35	31.6	RMS	34.6	-21.1	1.16	46.3	54	-7.7	-	-	107	268	H
4	* 5.352	32.26	RMS	34.6	-21.1	1.16	46.96	54	-7.04	-	-	107	268	H

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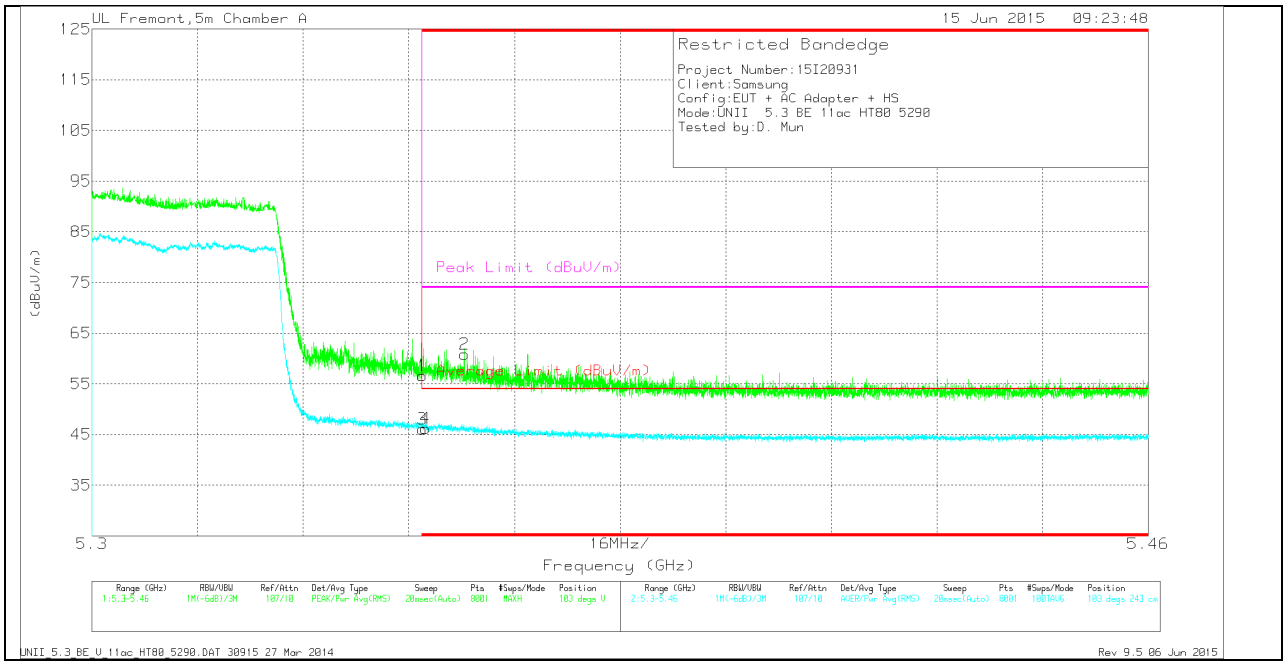
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Fixture 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	43.15	Pk	34.6	-21.1	0	56.65	-	-	74	-17.35	103	243	V
2	* 5.356	47.24	Pk	34.6	-21	0	60.84	-	-	74	-13.16	103	243	V
3	* 5.35	32.59	RMS	34.6	-21.1	1.16	47.29	54	-6.71	-	-	103	243	V
4	* 5.351	32.72	RMS	34.6	-21.1	1.16	47.42	54	-6.58	-	-	103	243	V

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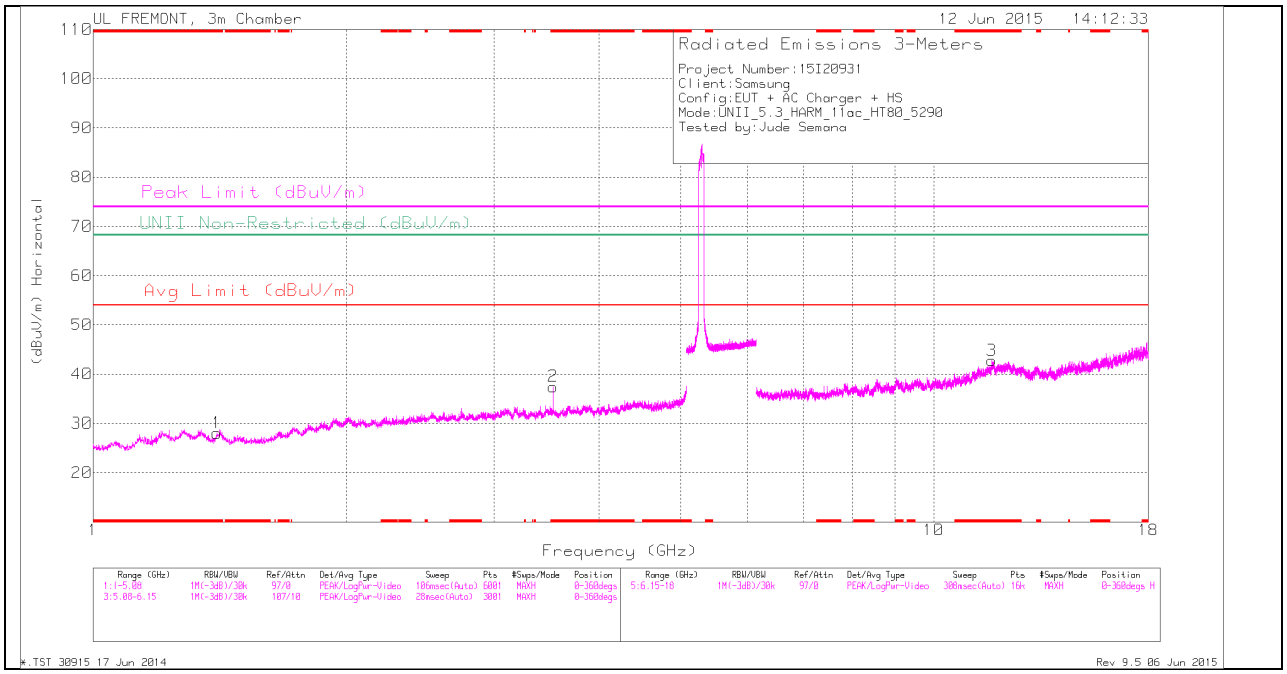
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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

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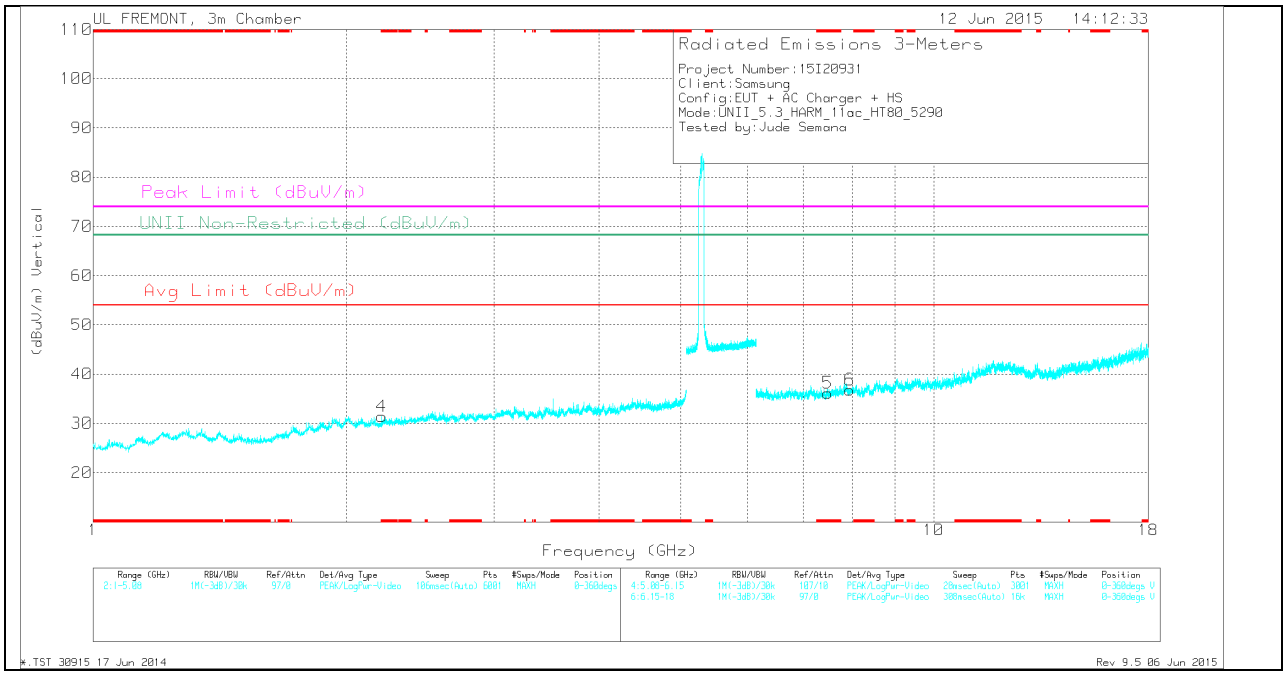
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.404	31.63	Avg	28.6	-32.2	0	28.03	54	-25.97	-	-	-	-	0-360	100	H
2	* 3.526	35.66	Avg	32.8	-31	0	37.46	54	-16.54	-	-	-	-	0-360	100	H
4	* 2.206	31.78	Avg	31.4	-31.8	0	31.38	54	-22.62	-	-	-	-	0-360	100	V
3	* 11.726	26.76	Avg	38.9	-22.9	0	42.76	54	-11.24	-	-	-	-	0-360	200	H
5	* 7.484	28.45	Avg	35.7	-28	0	36.15	54	-17.85	-	-	-	-	0-360	200	V
6	7.941	28.6	Avg	35.8	-27.6	0	36.8	54	-17.2	-	-	-	-	0-360	200	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 1.405	41.29	PK3	28.6	-32.1	0	37.79	-	-	74	-36.21	68.2	-30.41	360	100	H
* 1.405	29.44	ADR	28.6	-32.1	1.16	27.1	54	-26.9	-	-	-	-	360	100	H
* 3.527	43.55	PK3	32.8	-31	0	45.35	-	-	74	-28.65	68.2	-22.85	350	302	H
* 3.527	35.68	ADR	32.8	-31	1.16	38.64	54	-15.36	-	-	-	-	350	302	H
* 2.206	40.89	PK3	31.4	-31.8	0	40.49	-	-	74	-33.51	68.2	-27.71	350	100	V
* 2.206	29.02	ADR	31.4	-31.8	1.16	29.78	54	-24.22	-		-	-	350	100	V
* 11.728	36.72	PK3	38.9	-22.9	0	52.72	-	-	74	-21.28	68.2	-15.48	350	200	V
* 11.725	25.25	ADR	38.9	-22.9	1.16	42.41	54	-11.59	-	-	-	-	350	200	V
* 7.483	38.32	PK3	35.7	-27.9	0	46.12	-	-	74	-27.88	68.2	-22.08	350	200	V
* 7.482	26.89	ADR	35.7	-27.9	1.16	35.85	54	-18.15	-	-	-	-	350	200	V
7.94	38.74	PK3	35.8	-27.6	0	46.94	-	-	74	-27.06	68.2	-21.26	350	200	V
7.941	27.18	ADR	35.8	-27.6	1.16	36.54	54	-17.46	-	-	-	-	350	200	V

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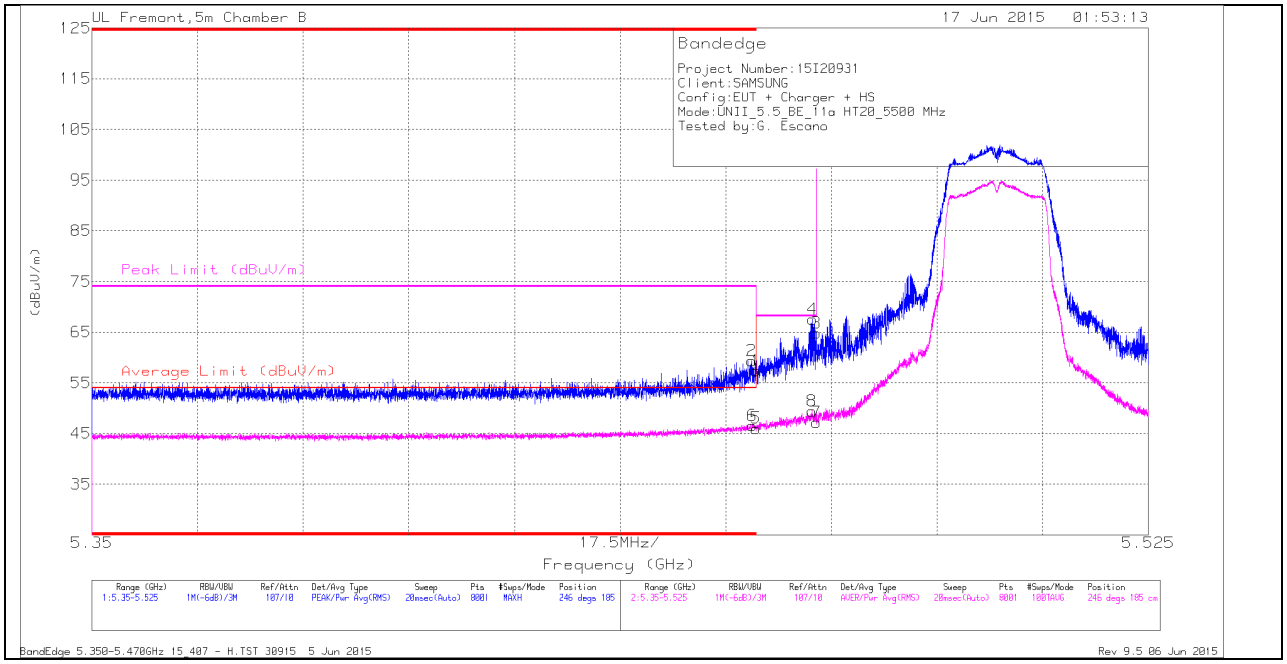
11.3. 5.5-5.6 GHz

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	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	42.15	Pk	34.5	-19.3	0	57.35	-	-	74	-16.65	246	185	H
2	* 5.459	44.19	Pk	34.5	-19.3	0	59.39	-	-	74	-14.61	246	185	H
5	* 5.46	30.81	RMS	34.5	-19.3	.29	46.3	54	-7.7	-	-	246	185	H
6	* 5.459	31.38	RMS	34.5	-19.3	.29	46.87	54	-7.13	-	-	246	185	H
4	5.469	52.32	Pk	34.5	-19.3	0	67.52	-	-	68.2	-.68	246	185	H
8	5.469	34.19	RMS	34.5	-19.3	.29	49.68	-	-	-	-	246	185	H
3	5.47	49.63	Pk	34.5	-19.3	0	64.83	-	-	68.2	-3.37	246	185	H
7	5.47	32.03	RMS	34.5	-19.3	.29	47.52	-	-	-	-	246	185	H

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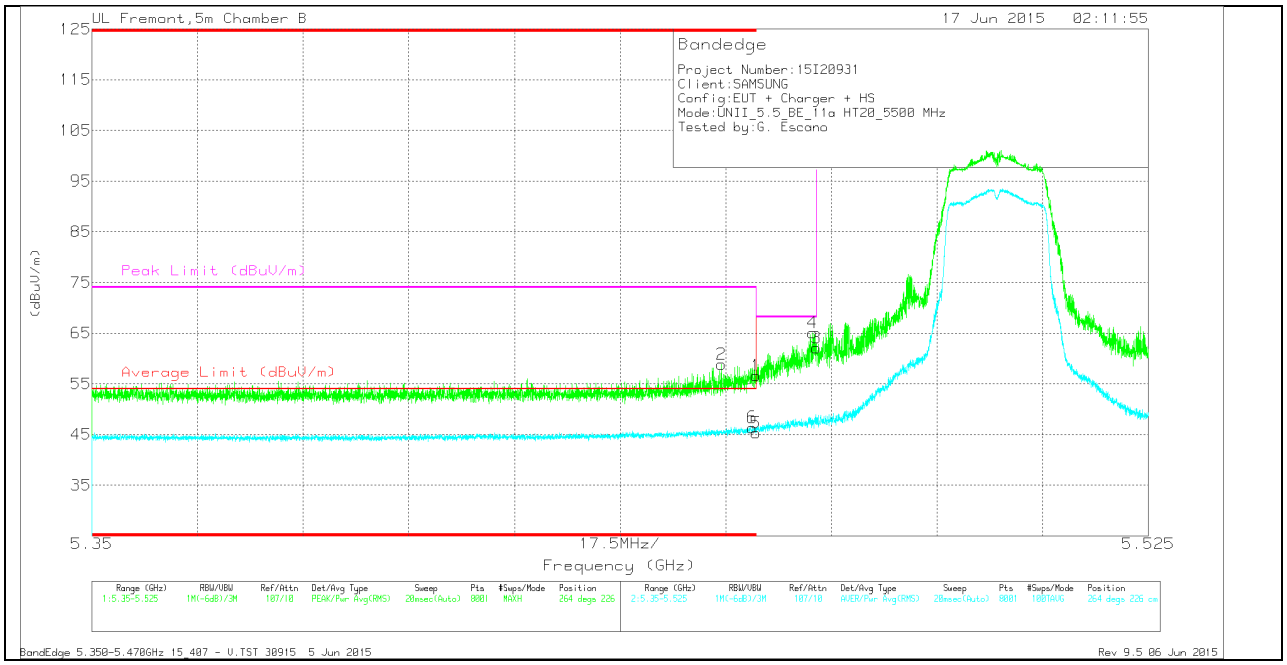
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.46	Pk	34.5	-19.3	0	56.66	-	-	74	-17.34	264	226	V
2	* 5.454	43.76	Pk	34.5	-19.4	0	58.86	-	-	74	-15.14	264	226	V
5	* 5.46	30.13	RMS	34.5	-19.3	.29	45.62	54	-8.38	-	-	264	226	V
6	* 5.459	31.18	RMS	34.5	-19.3	.29	46.67	54	-7.33	-	-	264	226	V
4	5.469	49.89	Pk	34.5	-19.3	0	65.09	-	-	68.2	-3.11	264	226	V
3	5.47	46.87	Pk	34.5	-19.3	0	62.07	-	-	68.2	-6.13	264	226	V

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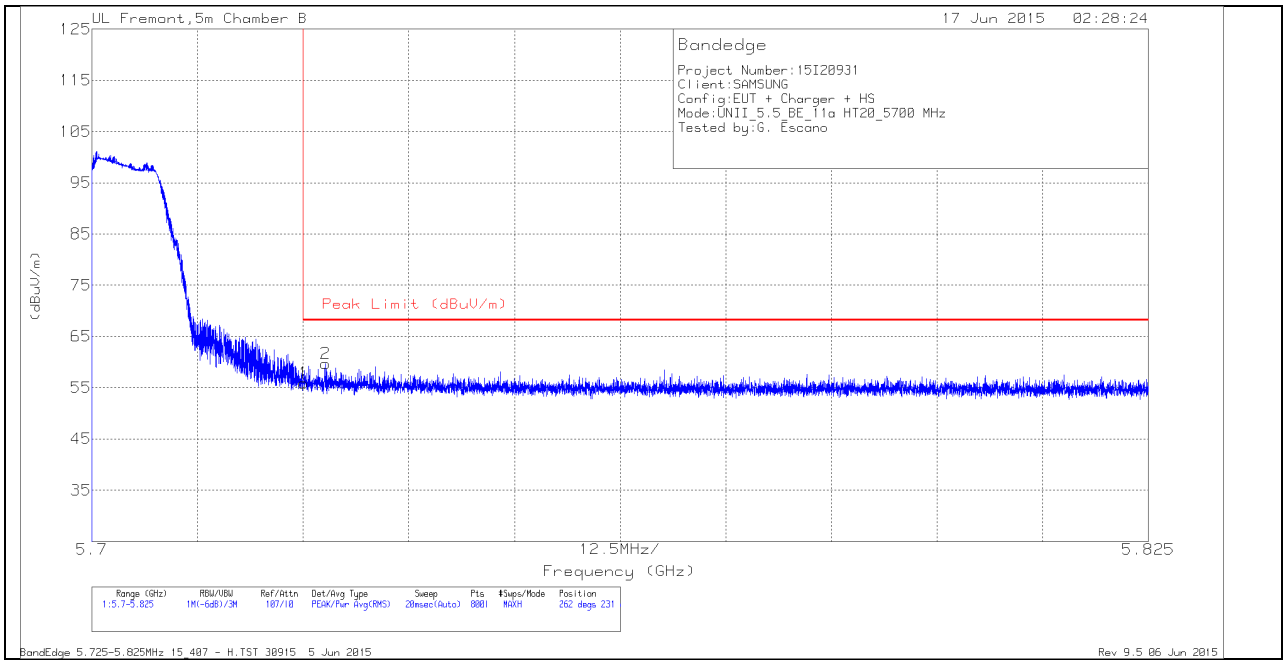
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.98	Pk	35	-19.1	55.88	68.2	-12.32	262	231	H
2	5.728	43.75	Pk	35	-19.1	59.65	68.2	-8.55	262	231	H

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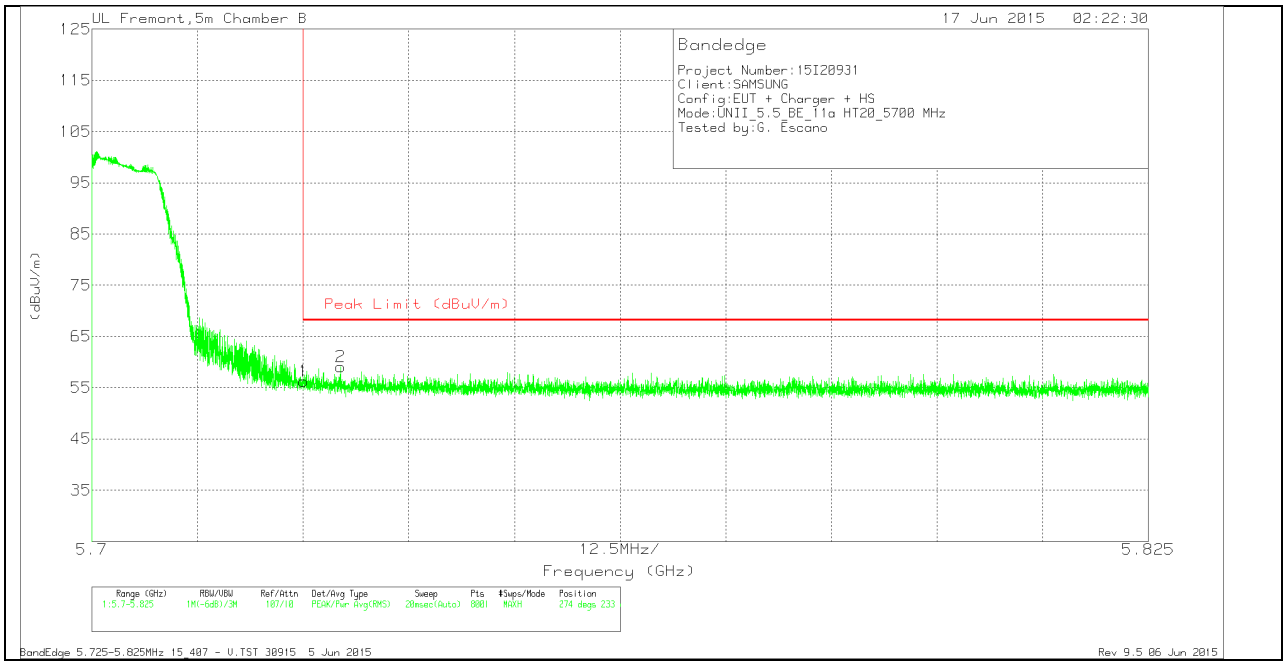
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.36	Pk	35	-19.1	56.26	68.2	-11.94	274	233	V
2	5.729	43.21	Pk	35	-19.1	59.11	68.2	-9.09	274	233	V

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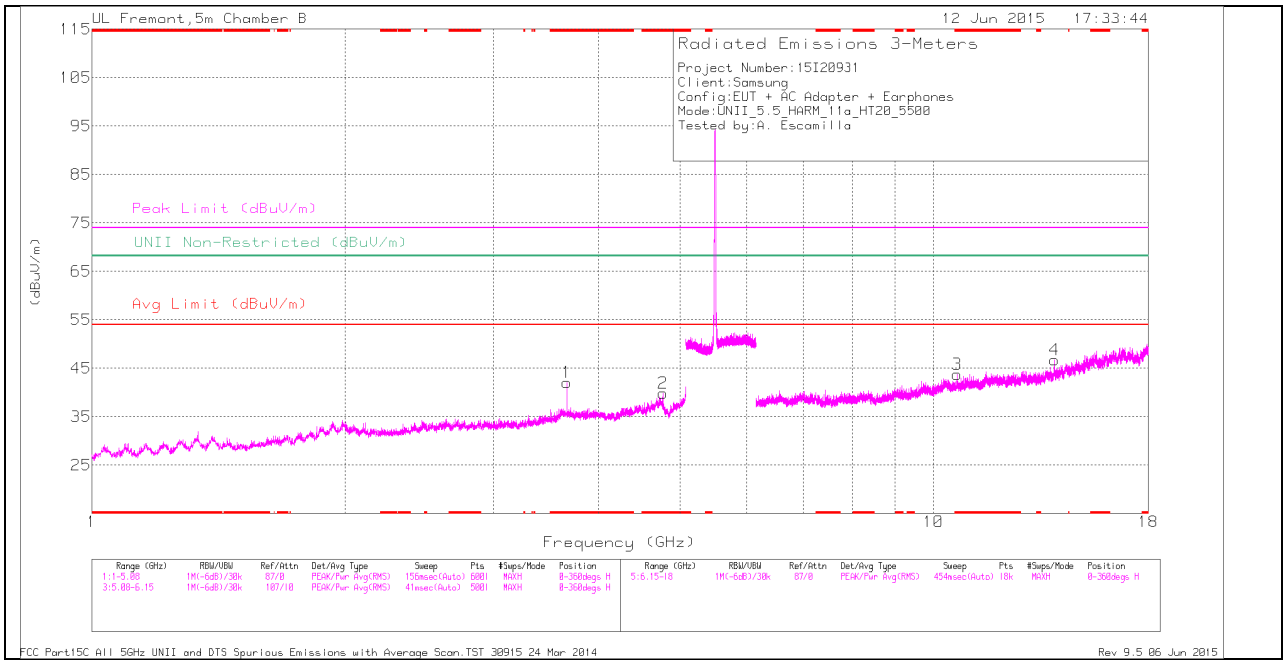
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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

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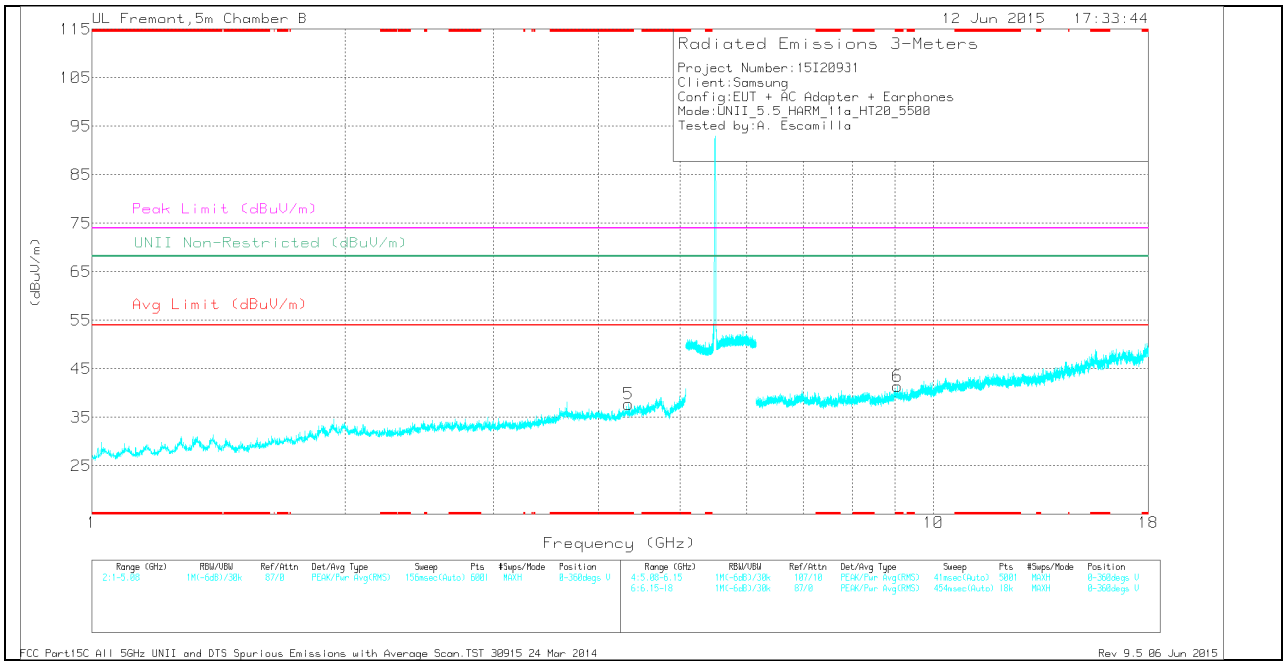
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.666	38.44	Pk	33.7	-30.1	42.04	-	-	74	-31.96	68.2	-26.16	0-360	199	H
2	* 4.771	34.2	Pk	34.3	-28.6	39.9	-	-	74	-34.1	68.2	-28.3	0-360	101	H
5	* 4.342	33.72	Pk	33.7	-29.7	37.72	-	-	74	-36.28	68.2	-30.48	0-360	199	V
3	* 10.676	27.72	Pk	37.7	-21.7	43.72	-	-	74	-30.28	68.2	-24.48	0-360	199	H
6	* 9.059	29.37	Pk	36.1	-24.1	41.37	-	-	74	-32.63	68.2	-26.83	0-360	101	V
4	13.925	27.8	Pk	39	-20.1	46.7	-	-	74	-27.3	68.2	-21.5	0-360	199	H

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.667	43.65	PK3	33.7	-30.1	0	47.25	-	-	74	-26.75	68.2	-20.95	50	269	H
* 3.667	36.8	ADR	33.7	-30.1	0.29	40.69	54	-13.31	-	-	-	-	50	269	H
* 4.772	40.5	PK3	34.3	-28.6	0	46.2	-	-	74	-27.8	68.2	-22	174	284	H
* 4.772	28.83	ADR	34.3	-28.6	0.29	34.82	54	-19.18	-	-	-	-	174	284	H
* 4.344	41.79	PK3	33.7	-29.7	0	45.79	-	-	74	-28.21	68.2	-22.41	260	200	V
* 4.342	29.58	ADR	33.7	-29.7	0.29	33.87	54	-20.13	-		-	-	260	200	V
* 10.676	34.54	PK3	37.7	-21.7	0	50.54	-	-	74	-23.46	68.2	-17.66	260	260	H
* 10.677	22.73	ADR	37.7	-21.7	0.29	39.02	54	-14.98	-	-	-	-	260	260	H
* 9.059	36.79	PK3	36.1	-24.1	0	48.79	-	-	74	-25.21	68.2	-19.41	260	102	V
* 9.057	25.63	ADR	36.1	-24.1	0.29	37.92	54	-16.08	-	-	-	-	260	102	V
13.926	34.43	PK3	39	-20.1	0	53.33	-	-	74	-20.67	68.2	-14.87	260	200	H
13.925	23.07	ADR	39	-20.1	0.29	42.26	54	-11.74	-	-	-	-	260	200	H

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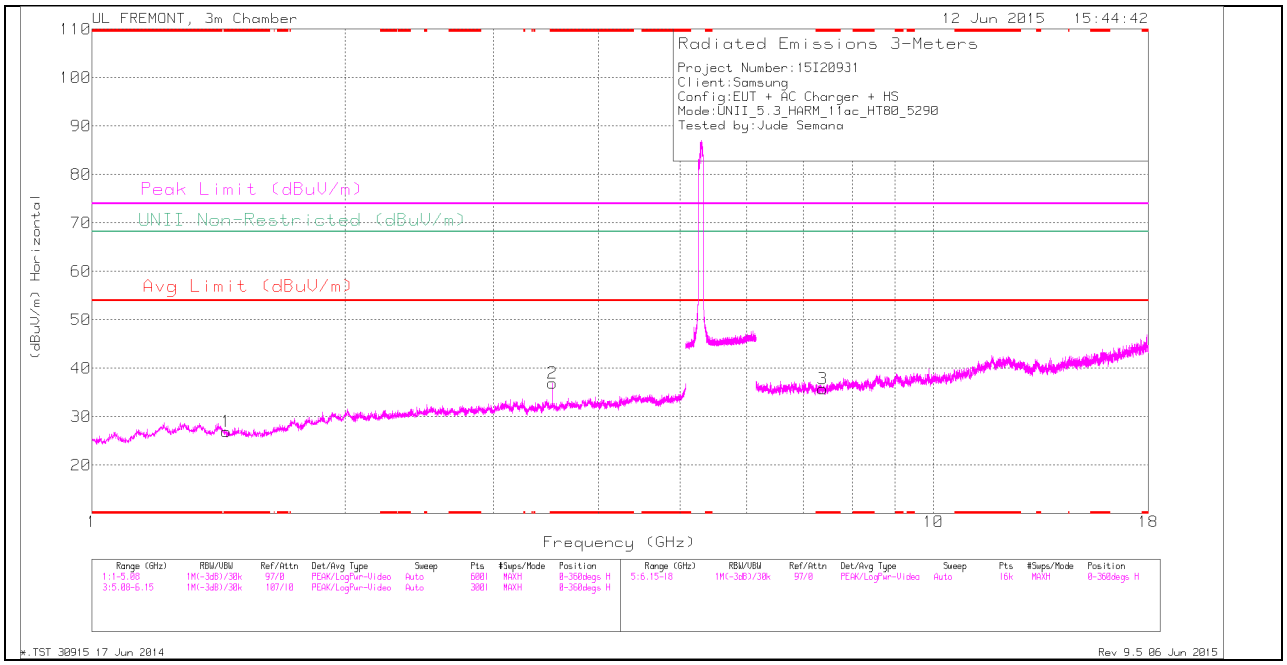
MID CHANNEL HORIZONTAL



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

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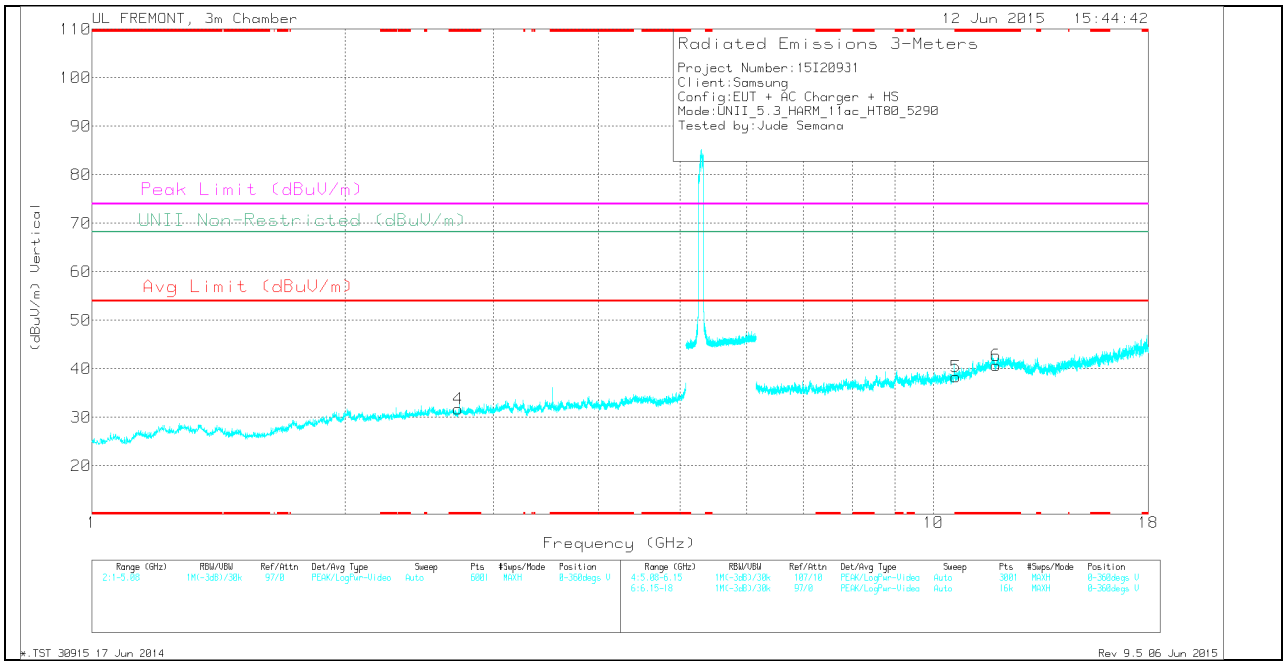
MID CHANNEL VERTICAL



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

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MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.444	30.6	Avg	28.4	-32.1	0	26.9	54	-27.1	-	-	-	-	0-360	100	H
2	* 3.526	35.08	Avg	32.8	-31	0	36.88	54	-17.12	-	-	-	-	0-360	100	H
4	* 2.726	30.93	Avg	32.4	-31.6	0	31.73	54	-22.27	-	-	-	-	0-360	100	V
3	* 7.382	28.35	Avg	35.6	-28.2	0	35.75	54	-18.25	-	-	-	-	0-360	100	H
5	* 10.629	24.45	Avg	37.7	-23.8	0	38.35	54	-15.65	-	-	-	-	0-360	200	V
6	* 11.867	25.04	Avg	39.1	-23.4	0	40.74	54	-13.26	-	-	-	-	0-360	100	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	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
* 1.443	40.4	PK3	28.4	-32.1	0	36.7	-	-	74	-37.3	68.2	-31.5	0	100	H
* 1.444	29.02	ADR	28.4	-32.1	0.29	25.61	54	-28.39	-	-	-	-	0	100	H
* 3.526	43.45	PK3	32.8	-31	0	45.25	-	-	74	-28.75	68.2	-22.95	360	231	H
* 3.527	35.55	ADR	32.8	-31	0.29	37.64	54	-16.36	-	-	-	-	360	231	H
* 2.727	41.19	PK3	32.4	-31.6	0	41.99	-	-	74	-32.01	68.2	-26.21	360	100	V
* 2.726	28.77	ADR	32.4	-31.6	0.29	29.86	54	-24.14	-		-	-	360	100	V
* 7.38	39.23	PK3	35.6	-28.2	0	46.63	-	-	74	-27.37	68.2	-21.57	360	100	H
* 7.381	27.25	ADR	35.6	-28.2	0.29	34.94	54	-19.06	-	-	-	-	360	100	H
* 10.63	35.06	PK3	37.7	-23.7	0	49.06	-	-	74	-24.94	68.2	-19.14	360	200	V
* 10.628	23.5	ADR	37.7	-23.8	0.29	37.69	54	-16.31	-	-	-	-	360	200	V
* 11.867	37.03	PK3	39.1	-23.4	0	52.73	-	-	74	-21.27	68.2	-15.47	360	100	V
* 11.868	24.92	ADR	39.1	-23.3	0.29	41.01	54	-12.99	-	-	-	-	360	100	V

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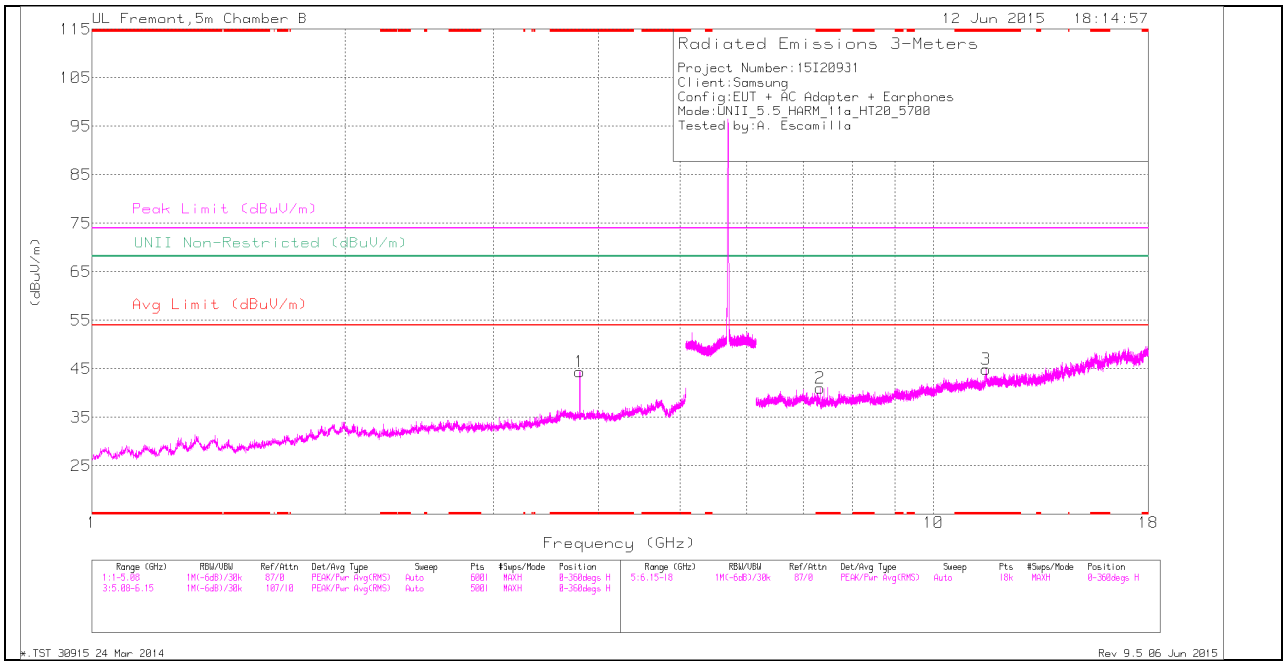
HIGH CHANNEL HORIZONTAL



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

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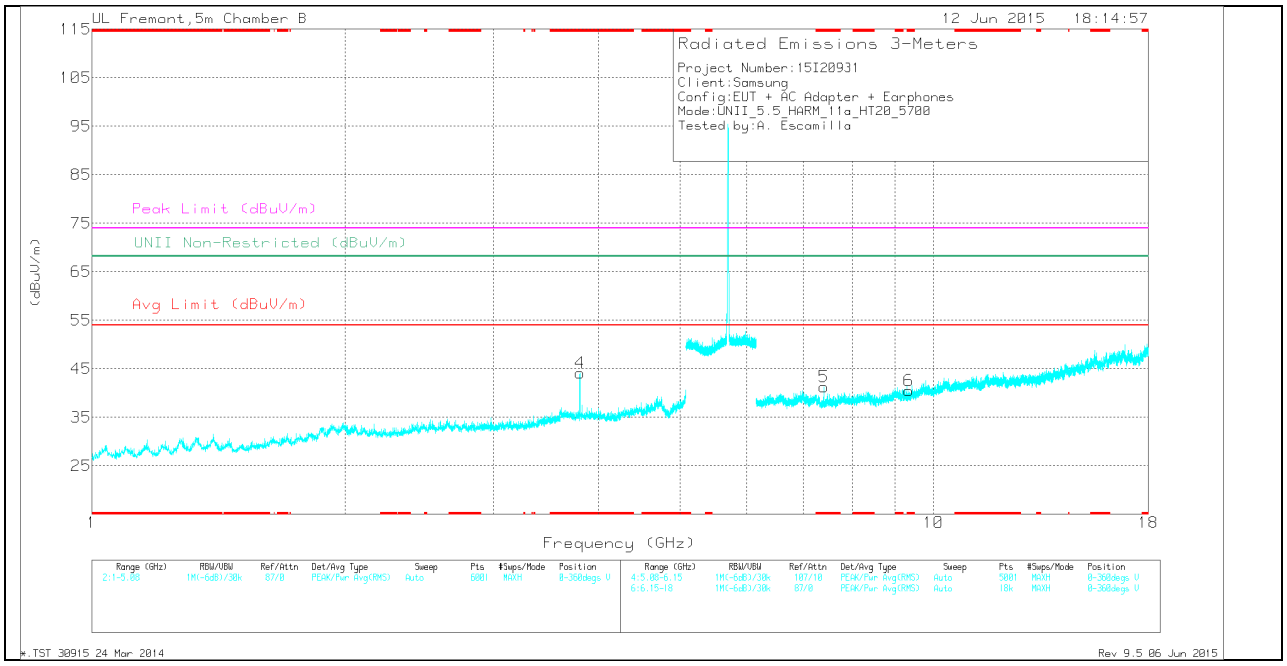
HIGH CHANNEL VERTICAL



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

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HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.8	41.14	Pk	33.3	-30	44.44	-	-	74	-29.56	68.2	-23.76	0-360	200	H
4	* 3.8	40.84	Pk	33.3	-30	44.14	-	-	74	-29.86	68.2	-24.06	0-360	200	V
2	* 7.332	33.18	Pk	35.3	-27.5	40.98	-	-	74	-33.02	68.2	-27.22	0-360	199	H
3	* 11.55	27.81	Pk	38.3	-21.2	44.91	-	-	74	-29.09	68.2	-23.29	0-360	199	H
5	* 7.413	32.65	Pk	35.4	-26.8	41.25	-	-	74	-32.75	68.2	-26.95	0-360	199	V
6	* 9.352	28.55	Pk	36.3	-24.4	40.45	-	-	74	-33.55	68.2	-27.75	0-360	199	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.8	45.93	PK3	33.3	-30	0	49.23	-	-	74	-24.77	68.2	-18.97	236	198	H
* 3.8	40.52	ADR	33.3	-30	0.29	44.11	54	-9.89	-	-	-	-	236	198	H
* 3.8	47.71	PK3	33.3	-30	0	51.01	-	-	74	-22.99	68.2	-17.19	332	296	V
* 3.8	42.95	ADR	33.3	-30	0.29	46.54	54	-7.46	-	-	-	-	332	296	V
* 7.332	38.94	PK3	35.3	-27.5	0	46.74	-	-	74	-27.26	68.2	-21.46	291	198	H
* 7.331	27.92	ADR	35.3	-27.5	0.29	36.01	54	-17.99	-		-	-	291	198	H
* 11.55	34.55	PK3	38.3	-21.2	0	51.65	-	-	74	-22.35	68.2	-16.55	346	206	H
* 11.552	22.85	ADR	38.3	-21.3	0.29	40.14	54	-13.86	-	-	-	-	346	206	H
* 7.412	37.6	PK3	35.4	-26.8	0	46.2	-	-	74	-27.8	68.2	-22	352	295	V
* 7.413	27.02	ADR	35.4	-26.8	0.29	35.91	54	-18.09	-	-	-	-	352	295	V
* 9.352	36.65	PK3	36.3	-24.4	0	48.55	-	-	74	-25.45	68.2	-19.65	325	304	V
* 9.352	25.22	ADR	36.3	-24.4	0.29	37.41	54	-16.59	-	-	-	-	325	304	V

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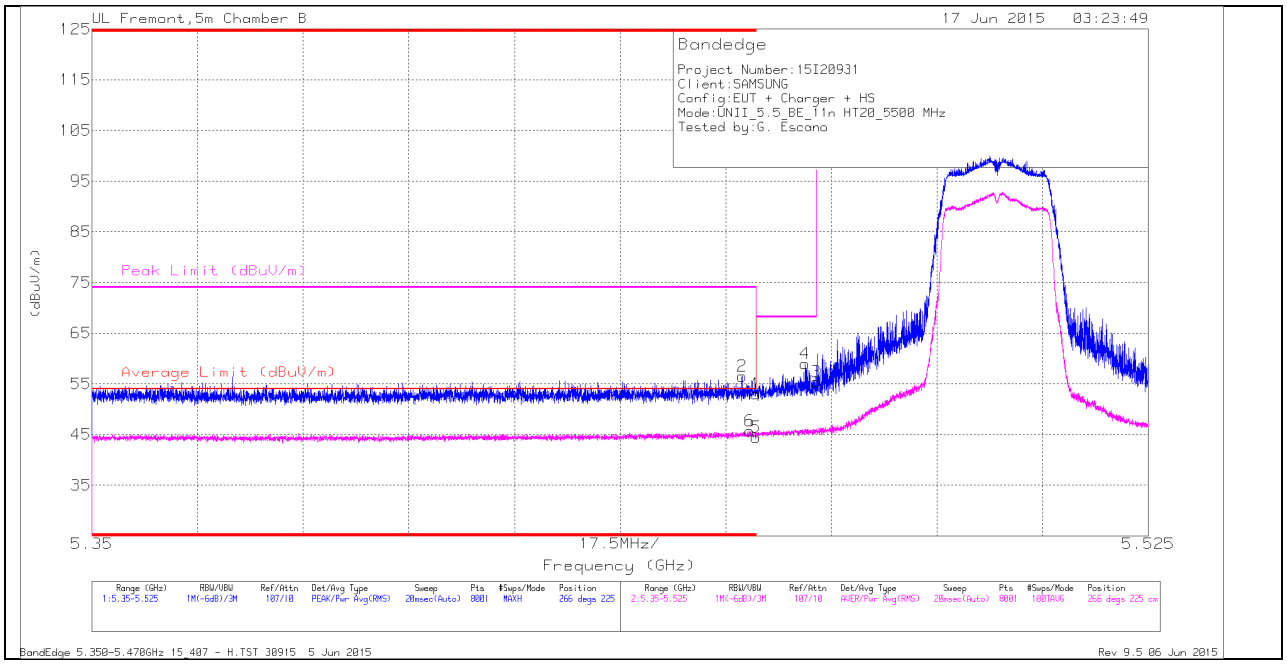
11.3.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.5 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.77	Pk	34.5	-19.3	0	52.97	-	-	74	-21.03	266	225	H
2	* 5.458	41.25	Pk	34.5	-19.3	0	56.45	-	-	74	-17.55	266	225	H
5	* 5.46	28.9	RMS	34.5	-19.3	.32	44.42	54	-9.58	-	-	266	225	H
6	* 5.459	30.2	RMS	34.5	-19.3	.32	45.72	54	-8.28	-	-	266	225	H
4	5.468	43.74	Pk	34.5	-19.3	0	58.94	-	-	68.2	-9.26	266	225	H
3	5.47	40.23	Pk	34.5	-19.3	0	55.43	-	-	68.2	-12.77	266	225	H

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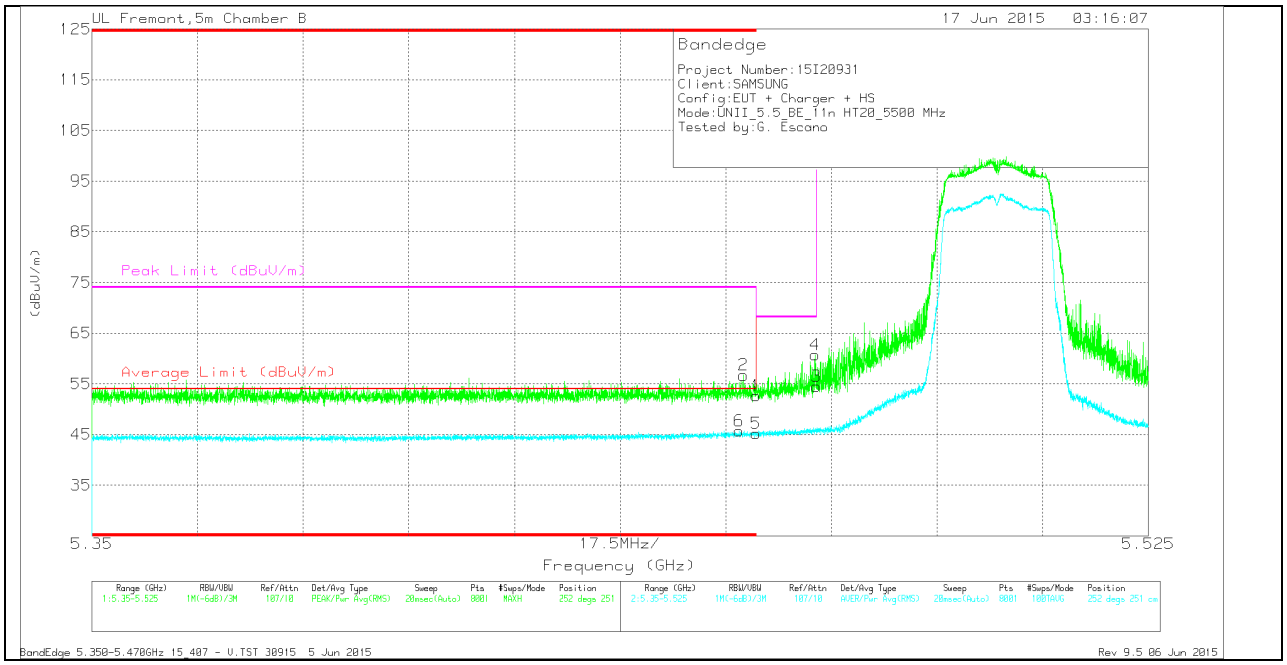
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.41	Pk	34.5	-19.3	0	52.61	-	-	74	-21.39	252	251	V
2	* 5.458	41.49	Pk	34.5	-19.3	0	56.69	-	-	74	-17.31	252	251	V
5	* 5.46	29.68	RMS	34.5	-19.3	.32	45.2	54	-8.8	-	-	252	251	V
6	* 5.457	30.21	RMS	34.5	-19.3	.32	45.73	54	-8.27	-	-	252	251	V
3	5.47	39.35	Pk	34.5	-19.3	0	54.55	-	-	68.2	-13.65	252	251	V
4	5.47	45.54	Pk	34.5	-19.3	0	60.74	-	-	68.2	-7.46	252	251	V

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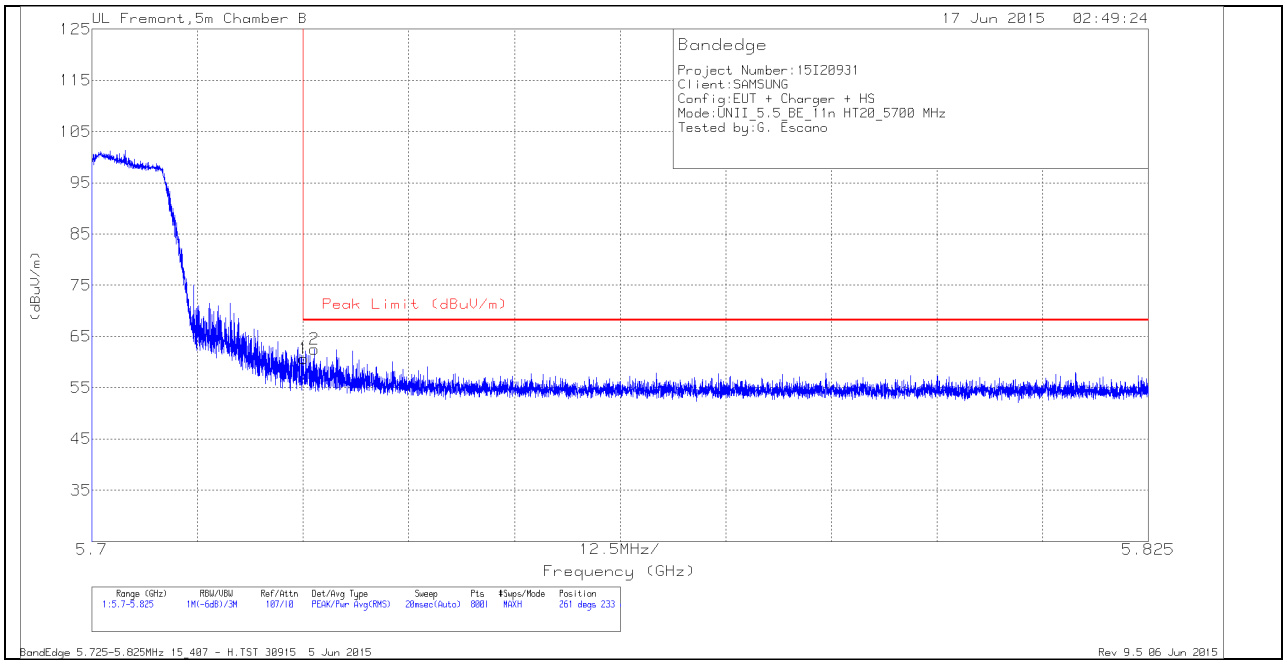
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.78	Pk	35	-19.1	60.68	68.2	-7.52	261	233	H
2	5.726	46.63	Pk	35	-19.1	62.53	68.2	-5.67	261	233	H

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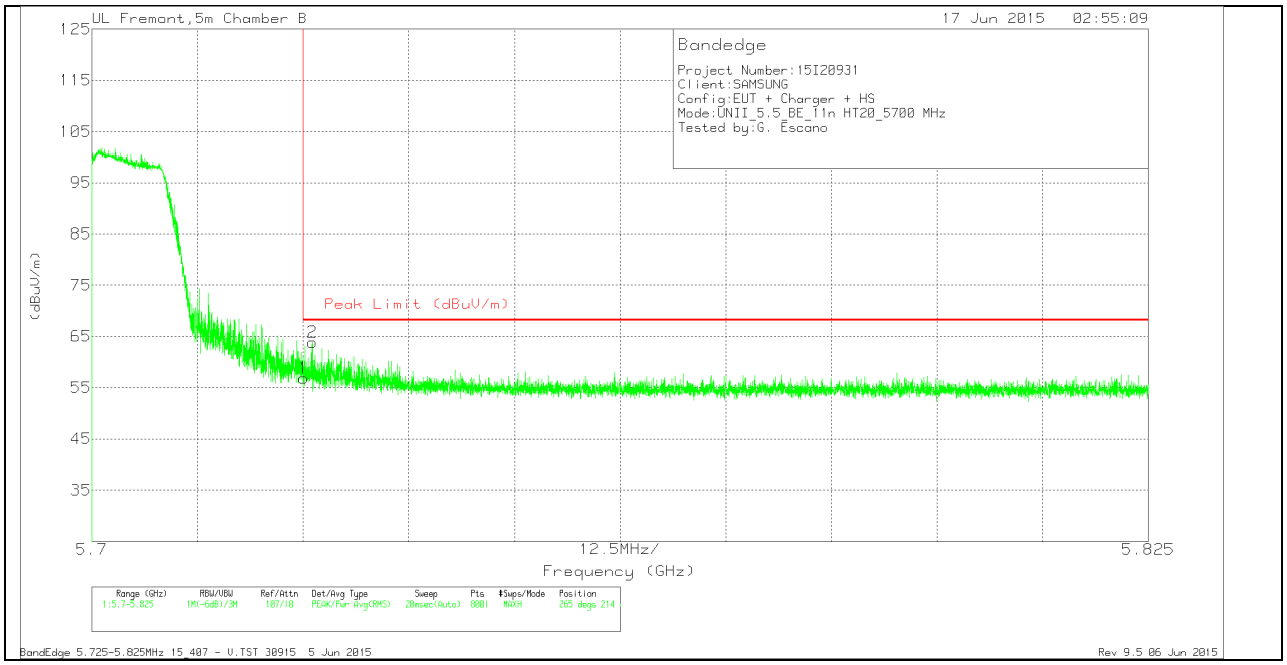
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41	Pk	35	-19.1	56.9	68.2	-11.3	265	214	V
2	5.726	47.98	Pk	35	-19.1	63.88	68.2	-4.32	265	214	V

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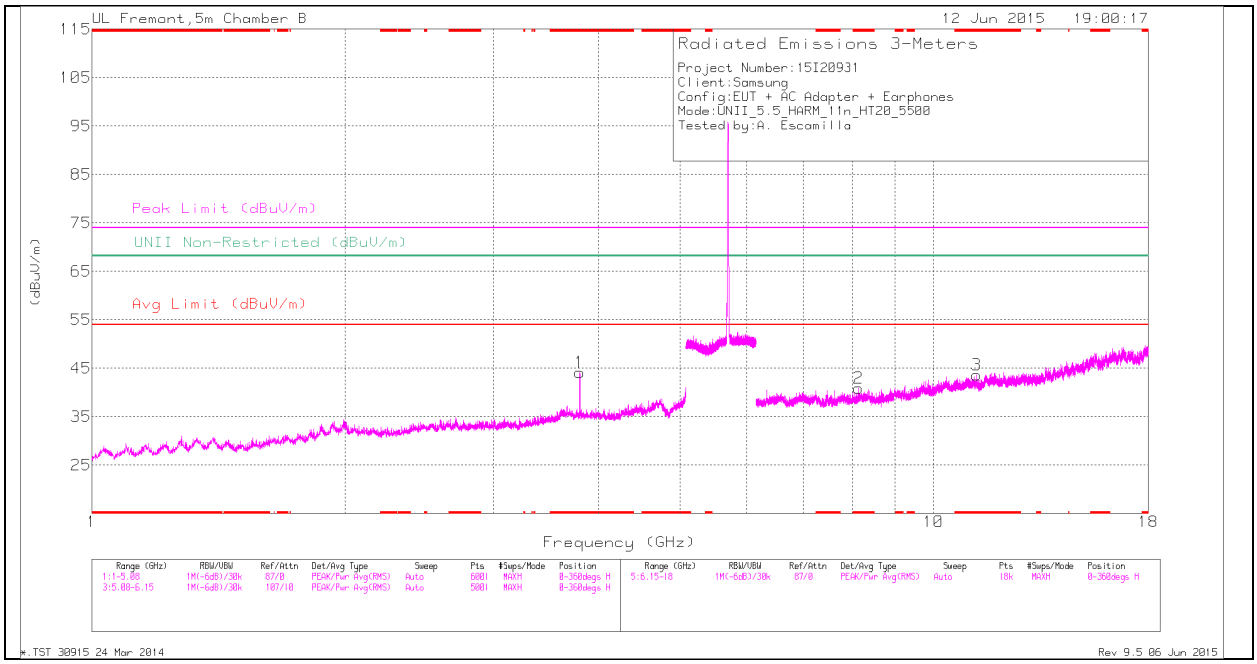
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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

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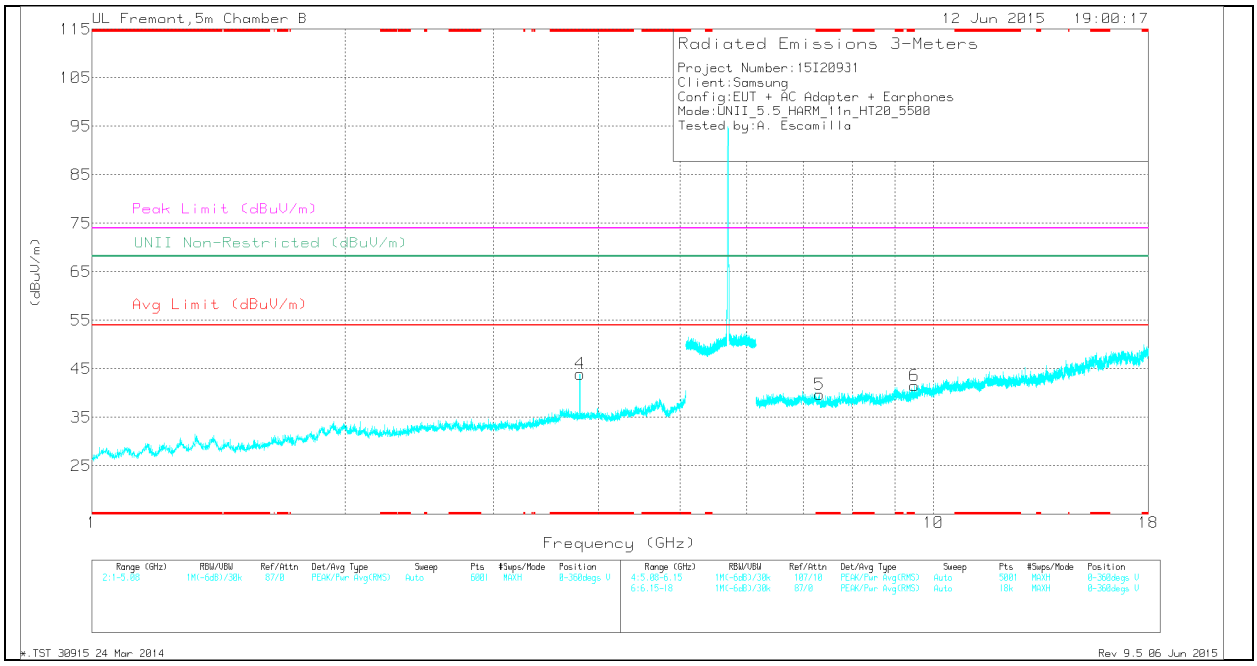
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.8	40.81	Pk	33.3	-30	44.11	-	-	74	-29.89	68.2	-24.09	0-360	199	H
4	* 3.8	40.65	Pk	33.3	-30	43.95	-	-	74	-30.05	68.2	-24.25	0-360	200	V
2	* 8.141	31.02	Pk	35.7	-25.8	40.92	-	-	74	-33.08	68.2	-27.28	0-360	101	H
3	* 11.247	27.35	Pk	37.9	-21.6	43.65	-	-	74	-30.35	68.2	-24.55	0-360	199	H
5	* 7.327	31.77	Pk	35.3	-27.4	39.67	-	-	74	-34.33	68.2	-28.53	0-360	101	V
6	* 9.485	28.63	Pk	36.5	-23.6	41.53	-	-	74	-32.47	68.2	-26.67	0-360	101	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.8	46.17	PK3	33.3	-30	0	49.47	-	-	74	-24.53	68.2	-18.73	236	198	H
* 3.8	40.51	ADR	33.3	-30	0.32	44.13	54	-9.87	-	-	-	-	236	198	H
* 3.8	47.68	PK3	33.3	-30	0	50.98	-	-	74	-23.02	68.2	-17.22	330	295	V
* 3.8	43.2	ADR	33.3	-30	0.32	46.82	54	-7.18	-	-	-	-	330	295	V
* 8.141	38.78	PK3	35.7	-25.8	0	48.68	-	-	74	-25.32	68.2	-19.52	255	201	H
* 8.14	26.76	ADR	35.7	-25.8	0.32	36.98	54	-17.02	-		-	-	255	201	H
* 11.247	34.18	PK3	37.9	-21.6	0	50.48	-	-	74	-23.52	68.2	-17.72	243	206	H
* 11.248	23.15	ADR	37.9	-21.7	0.32	39.67	54	-14.33	-	-	-	-	243	206	H
* 7.327	39.28	PK3	35.3	-27.4	0	47.18	-	-	74	-26.82	68.2	-21.02	309	194	V
* 7.326	27.83	ADR	35.3	-27.4	0.32	36.05	54	-17.95	-	-	-	-	309	194	V
* 9.484	35.58	PK3	36.5	-23.7	0	48.38	-	-	74	-25.62	68.2	-19.82	342	219	V
* 9.487	24.76	ADR	36.5	-23.6	0.32	37.98	54	-16.02	-	-	-	-	342	219	V

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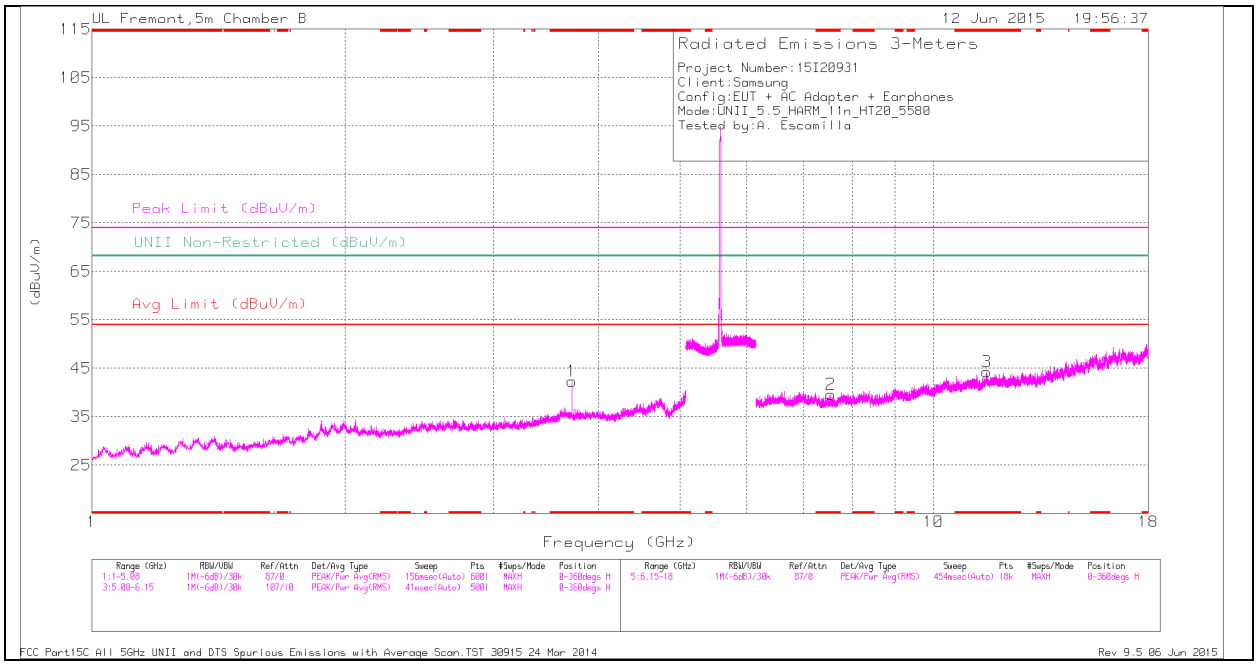
MID CHANNEL HORIZONTAL



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

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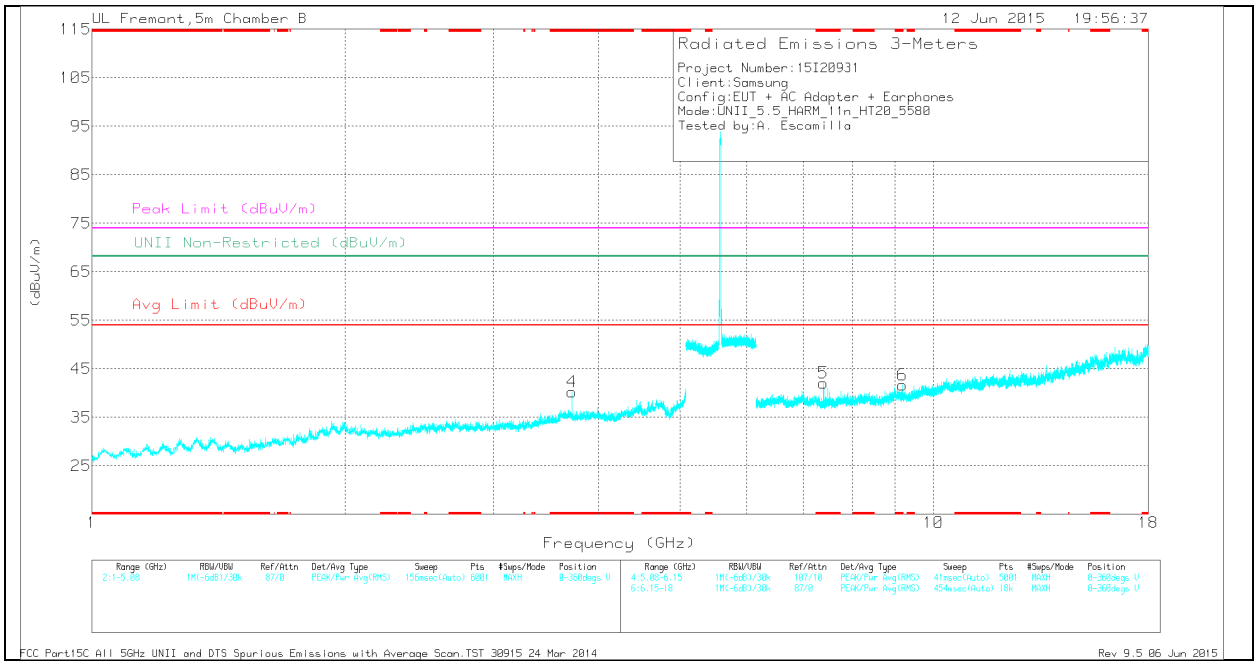
MID CHANNEL VERTICAL



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

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MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.72	38.97	Pk	33.6	-30.2	42.37	-	-	74	-31.63	68.2	-25.83	0-360	199	H
4	* 3.72	36.79	Pk	33.6	-30.2	40.19	-	-	74	-33.81	68.2	-28.01	0-360	199	V
2	* 7.547	29.85	Pk	35.4	-25.6	39.65	-	-	74	-34.35	68.2	-28.55	0-360	101	H
3	* 11.573	27.42	Pk	38.4	-21.5	44.32	-	-	74	-29.68	68.2	-23.88	0-360	101	H
5	* 7.397	33.62	Pk	35.4	-26.9	42.12	-	-	74	-31.88	68.2	-26.08	0-360	199	V
6	* 9.181	29.12	Pk	36.1	-23.6	41.62	-	-	74	-32.38	68.2	-26.58	0-360	101	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.72	44.24	PK3	33.6	-30.2	0	47.64	-	-	74	-26.36	68.2	-20.56	25	197	H
* 3.72	37.76	ADR	33.6	-30.2	0.32	41.48	54	-12.52	-	-	-	-	25	197	H
* 3.72	44.96	PK3	33.6	-30.2	0	48.36	-	-	74	-25.64	68.2	-19.84	330	269	V
* 3.72	38.81	ADR	33.6	-30.2	0.32	42.53	54	-11.47	-	-	-	-	330	269	V
* 7.545	37.86	PK3	35.4	-25.6	0	47.66	-	-	74	-26.34	68.2	-20.54	102	189	H
* 7.546	26.27	ADR	35.4	-25.6	0.32	36.39	54	-17.61	-		-	-	102	189	H
* 11.574	34.29	PK3	38.4	-21.5	0	51.19	-	-	74	-22.81	68.2	-17.01	65	206	H
* 11.575	23.62	ADR	38.4	-21.6	0.32	40.74	54	-13.26	-	-	-	-	65	206	H
* 7.399	38.02	PK3	35.4	-26.9	0	46.52	-	-	74	-27.48	68.2	-21.68	345	214	V
* 7.399	27.14	ADR	35.4	-26.9	0.32	35.96	54	-18.04	-	-	-	-	345	214	V
* 9.183	36.1	PK3	36.1	-23.6	0	48.6	-	-	74	-25.4	68.2	-19.6	336	180	V
* 9.182	24.87	ADR	36.1	-23.6	0.32	37.69	54	-16.31	-	-	-	-	336	180	V

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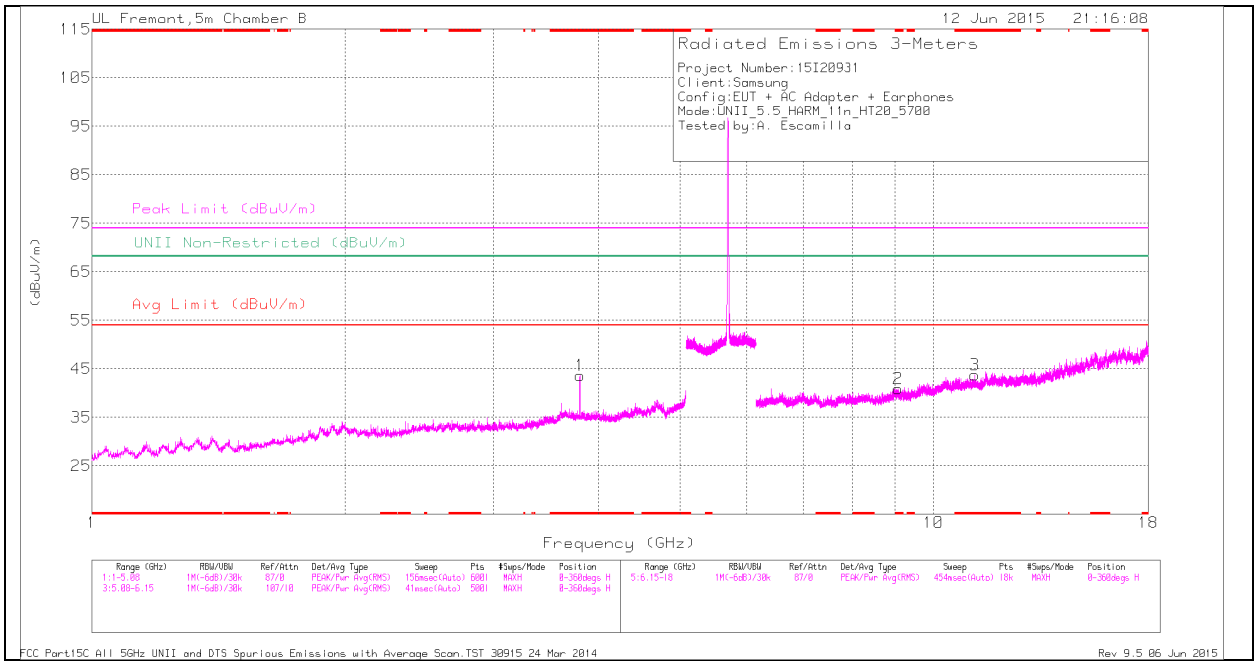
HIGH CHANNEL HORIZONTAL



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

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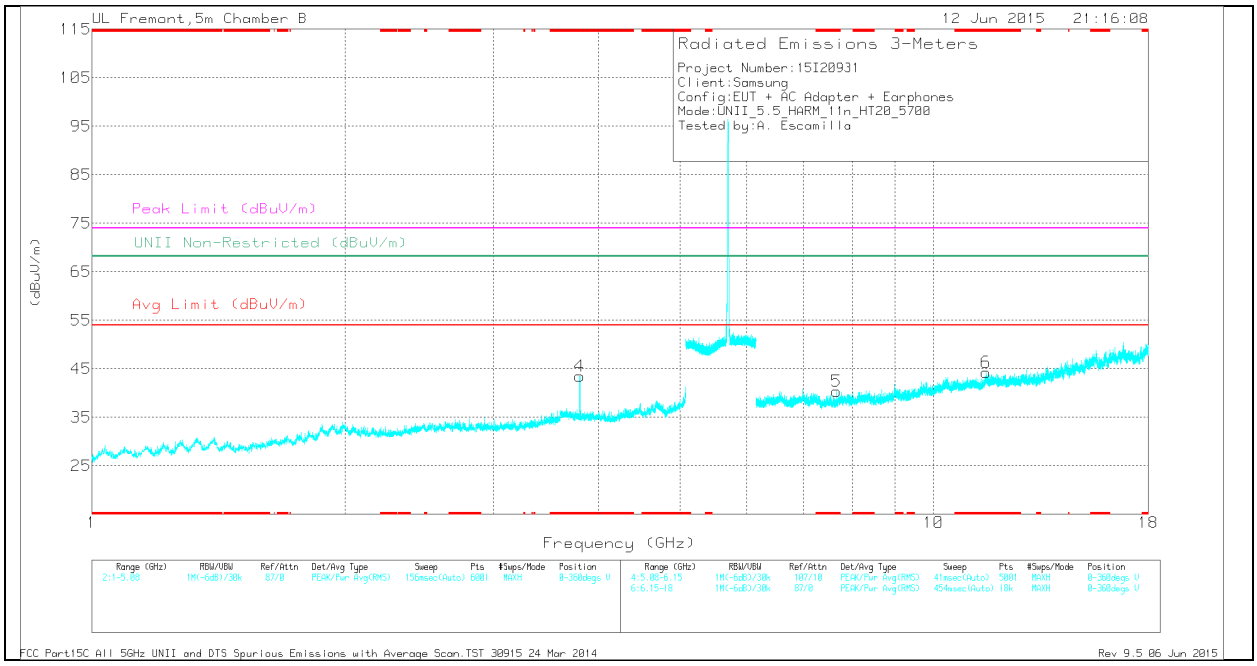
HIGH CHANNEL VERTICAL



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

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HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.8	40.3	Pk	33.3	-30	43.6	-	-	74	-30.4	68.2	-24.6	0-360	200	H
4	* 3.8	40.22	Pk	33.3	-30	43.52	-	-	74	-30.48	68.2	-24.68	0-360	200	V
2	* 9.081	29.42	Pk	36.1	-24.6	40.92	-	-	74	-33.08	68.2	-27.28	0-360	199	H
3	* 11.187	28.01	Pk	37.8	-22	43.81	-	-	74	-30.19	68.2	-24.39	0-360	199	H
5	* 7.675	31.73	Pk	35.5	-26.9	40.33	-	-	74	-33.67	68.2	-27.87	0-360	199	V
6	* 11.549	27.19	Pk	38.3	-21.2	44.29	-	-	74	-29.71	68.2	-23.91	0-360	199	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.8	45.28	PK3	33.3	-30	0	48.58	-	-	74	-25.42	68.2	-19.62	234	198	H
* 3.8	39.48	ADR	33.3	-30	0.32	43.1	54	-10.9	-	-	-	-	234	198	H
* 3.8	47.34	PK3	33.3	-30	0	50.64	-	-	74	-23.36	68.2	-17.56	331	297	V
* 3.8	42.3	ADR	33.3	-30	0.32	45.92	54	-8.08	-	-	-	-	331	297	V
* 9.083	36.81	PK3	36.1	-24.6	0	48.31	-	-	74	-25.69	68.2	-19.89	242	205	H
* 9.081	25.63	ADR	36.1	-24.6	0.32	37.45	54	-16.55	-		-	-	242	205	H
* 11.187	34.65	PK3	37.8	-22	0	50.45	-	-	74	-23.55	68.2	-17.75	261	183	H
* 11.187	23.52	ADR	37.8	-22	0.32	39.64	54	-14.36	-	-	-	-	261	183	H
* 7.676	38.6	PK3	35.5	-26.9	0	47.2	-	-	74	-26.8	68.2	-21	346	226	V
* 7.675	27.23	ADR	35.5	-26.9	0.32	36.15	54	-17.85	-	-	-	-	346	226	V
* 11.549	34.21	PK3	38.3	-21.2	0	51.31	-	-	74	-22.69	68.2	-16.89	351	201	V
* 11.55	23.47	ADR	38.3	-21.2	0.32	40.89	54	-13.11	-	-	-	-	351	201	V

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

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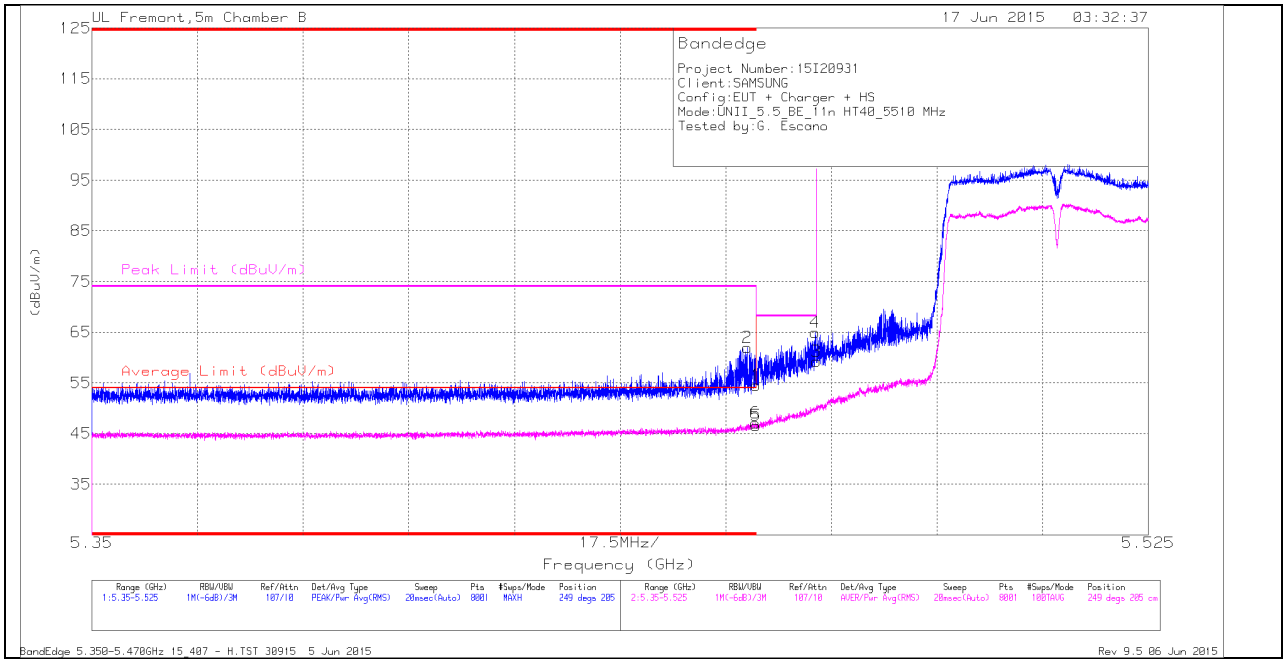
11.3.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.5 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.35	Pk	34.5	-19.3	0	54.55	-	-	74	-19.45	249	205	H
2	* 5.459	46.72	Pk	34.5	-19.3	0	61.92	-	-	74	-12.08	249	205	H
5	* 5.46	30.82	RMS	34.5	-19.3	.6	46.62	54	-7.38	-	-	249	205	H
6	* 5.46	31.31	RMS	34.5	-19.3	.6	47.11	54	-6.89	-	-	249	205	H
3	5.47	44.07	Pk	34.5	-19.3	0	59.27	-	-	68.2	-8.93	249	205	H
4	5.47	49.73	Pk	34.5	-19.3	0	64.93	-	-	68.2	-3.27	249	205	H

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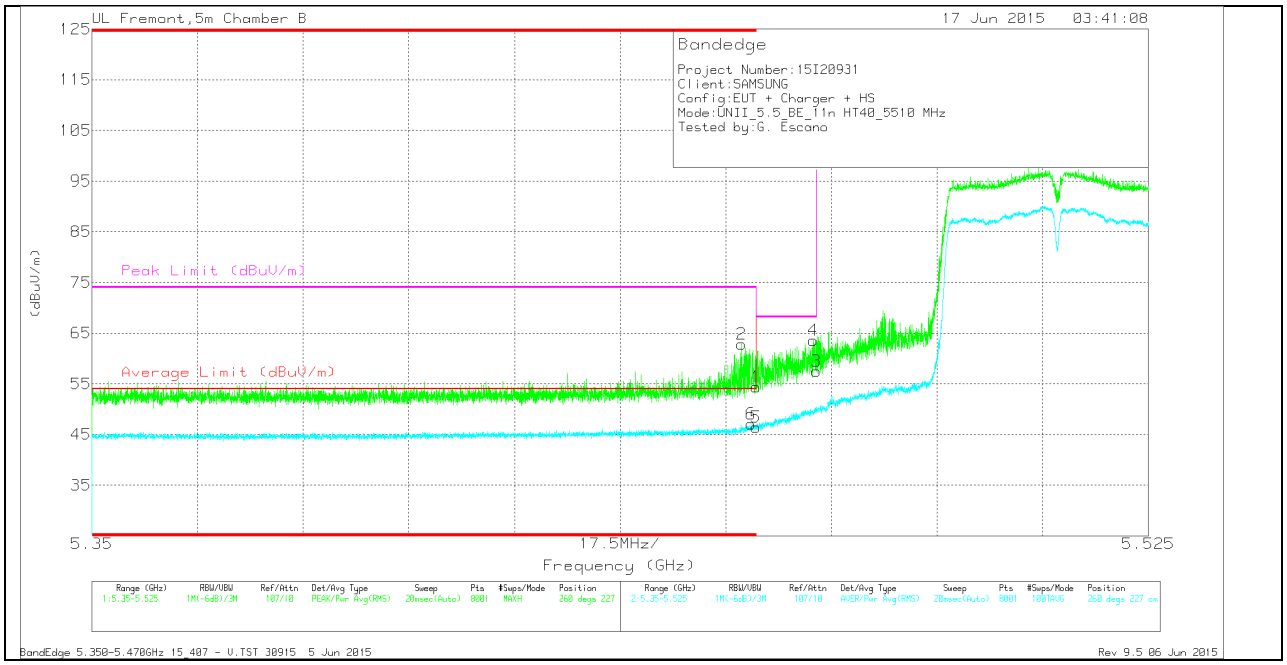
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.17	Pk	34.5	-19.3	0	54.37	-	-	74	-19.63	260	227	V
2	* 5.458	47.59	Pk	34.5	-19.3	0	62.79	-	-	74	-11.21	260	227	V
5	* 5.46	30.59	RMS	34.5	-19.3	.6	46.39	54	-7.61	-	-	260	227	V
6	* 5.459	31.27	RMS	34.5	-19.3	.6	47.07	54	-6.93	-	-	260	227	V
3	5.47	42.24	Pk	34.5	-19.3	0	57.44	-	-	68.2	-10.76	260	227	V
4	5.47	48.34	Pk	34.5	-19.3	0	63.54	-	-	68.2	-4.66	260	227	V

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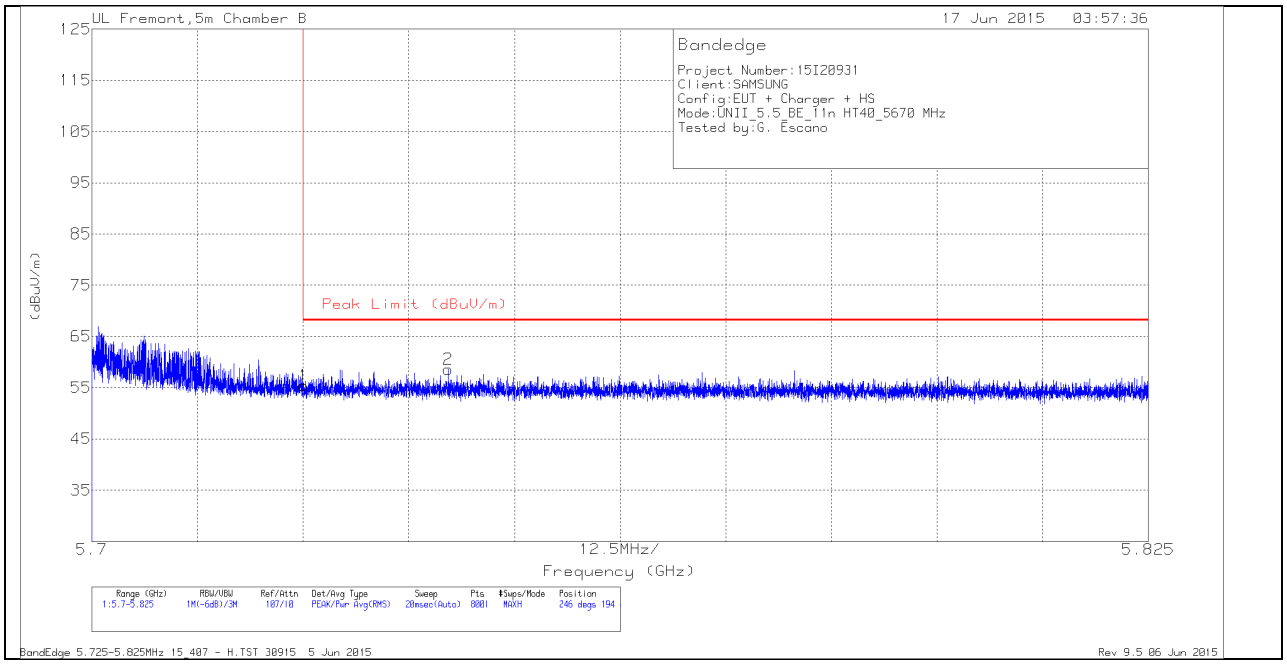
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.51	Pk	35	-19.1	55.41	68.2	-12.79	246	194	H
2	5.742	42.53	Pk	35.1	-19	58.63	68.2	-9.57	246	194	H

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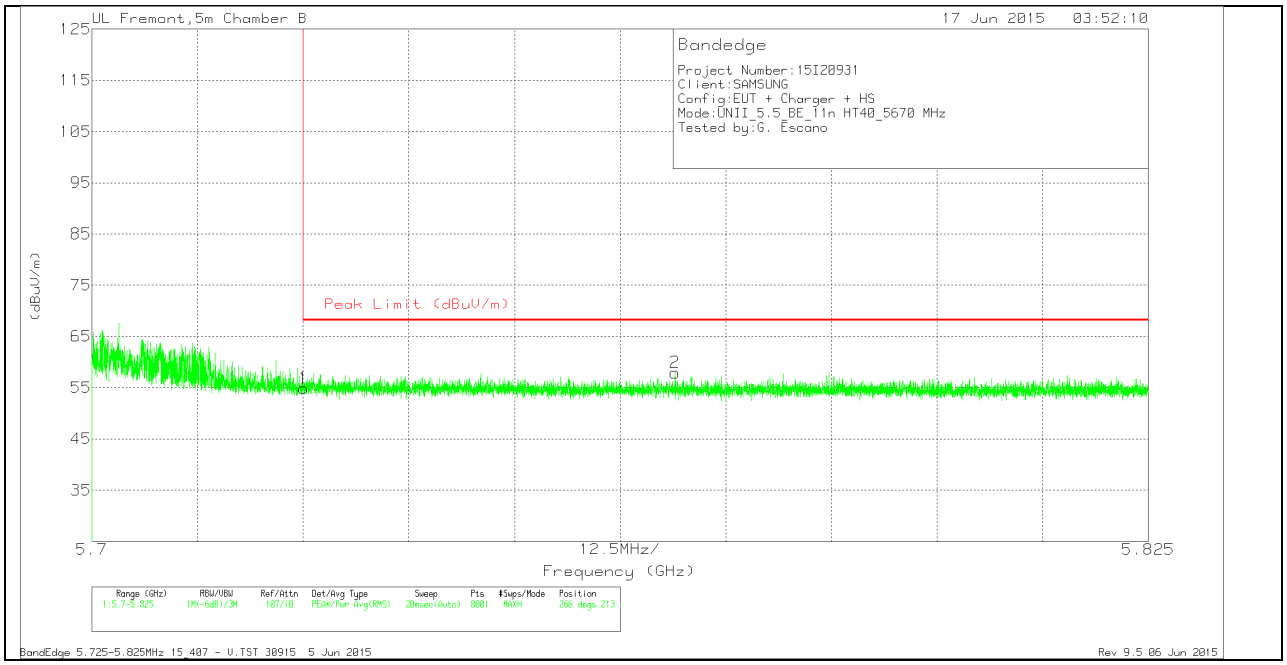
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.99	Pk	35	-19.1	54.89	68.2	-13.31	266	213	V
2	5.769	41.72	Pk	35.1	-18.9	57.92	68.2	-10.28	266	213	V

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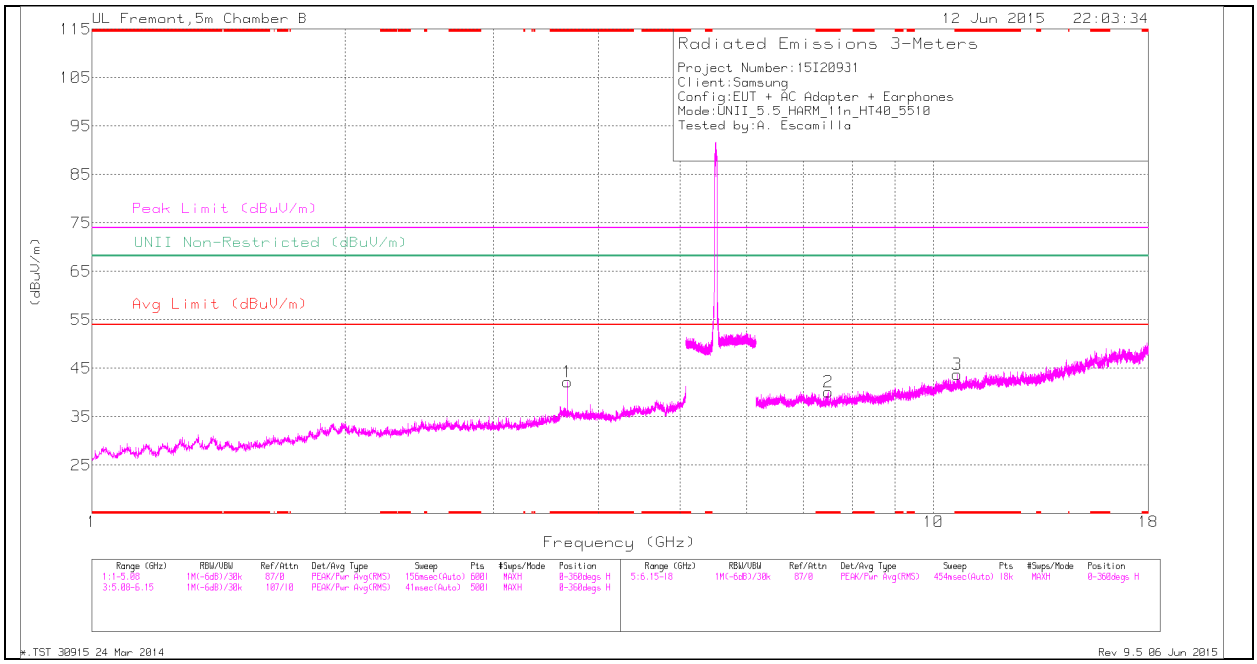
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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

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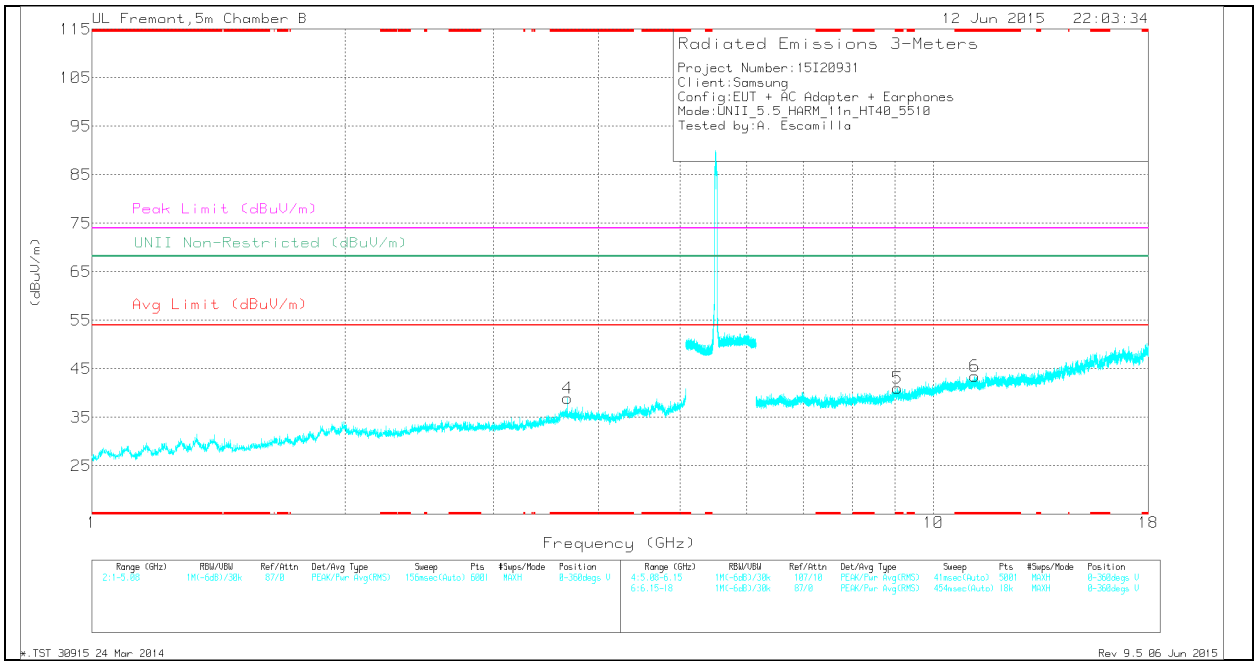
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.673	38.66	Pk	33.7	-30.2	42.16	-	-	74	-31.84	68.2	-26.04	0-360	200	H
4	* 3.673	35.43	Pk	33.7	-30.2	38.93	-	-	74	-35.07	68.2	-29.27	0-360	200	V
2	* 7.504	31.11	Pk	35.3	-26.3	40.11	-	-	74	-33.89	68.2	-28.09	0-360	199	H
3	* 10.665	27.74	Pk	37.7	-21.7	43.74	-	-	74	-30.26	68.2	-24.46	0-360	199	H
5	* 9.065	29.15	Pk	36.1	-24.2	41.05	-	-	74	-32.95	68.2	-27.15	0-360	101	V
6	* 11.192	27.71	Pk	37.8	-22	43.51	-	-	74	-30.49	68.2	-24.69	0-360	101	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.673	44.22	PK3	33.7	-30.2	0	47.72	-	-	74	-26.28	68.2	-20.48	35	231	H
* 3.673	37.69	ADR	33.7	-30.2	0.6	41.79	54	-12.21	-	-	-	-	35	231	H
* 3.673	44.36	PK3	33.7	-30.2	0	47.86	-	-	74	-26.14	68.2	-20.34	330	272	V
* 3.673	37.56	ADR	33.7	-30.2	0.6	41.66	54	-12.34	-	-	-	-	330	272	V
* 7.506	37.16	PK3	35.3	-26.3	0	46.16	-	-	74	-27.84	68.2	-22.04	55	195	H
* 7.504	26.46	ADR	35.3	-26.3	0.6	36.06	54	-17.94	-		-	-	55	195	H
* 10.665	34.47	PK3	37.7	-21.7	0	50.47	-	-	74	-23.53	68.2	-17.73	36	210	H
* 10.665	23.33	ADR	37.7	-21.7	0.6	39.93	54	-14.07	-	-	-	-	36	210	H
* 9.065	36.8	PK3	36.1	-24.2	0	48.7	-	-	74	-25.3	68.2	-19.5	339	153	V
* 9.065	25.55	ADR	36.1	-24.2	0.6	38.05	54	-15.95	-	-	-	-	339	153	V
* 11.191	34.51	PK3	37.8	-22	0	50.31	-	-	74	-23.69	68.2	-17.89	357	214	V
* 11.193	23.51	ADR	37.8	-22	0.6	39.91	54	-14.09	-	-	-	-	357	214	V

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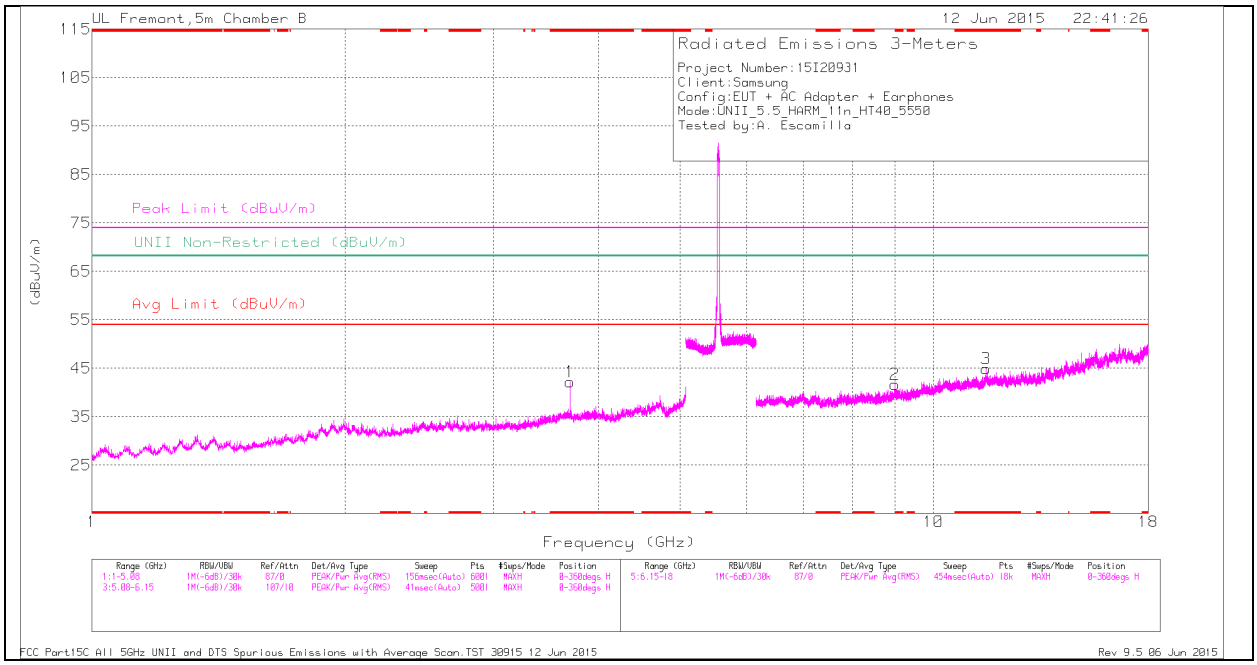
MID CHANNEL HORIZONTAL



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

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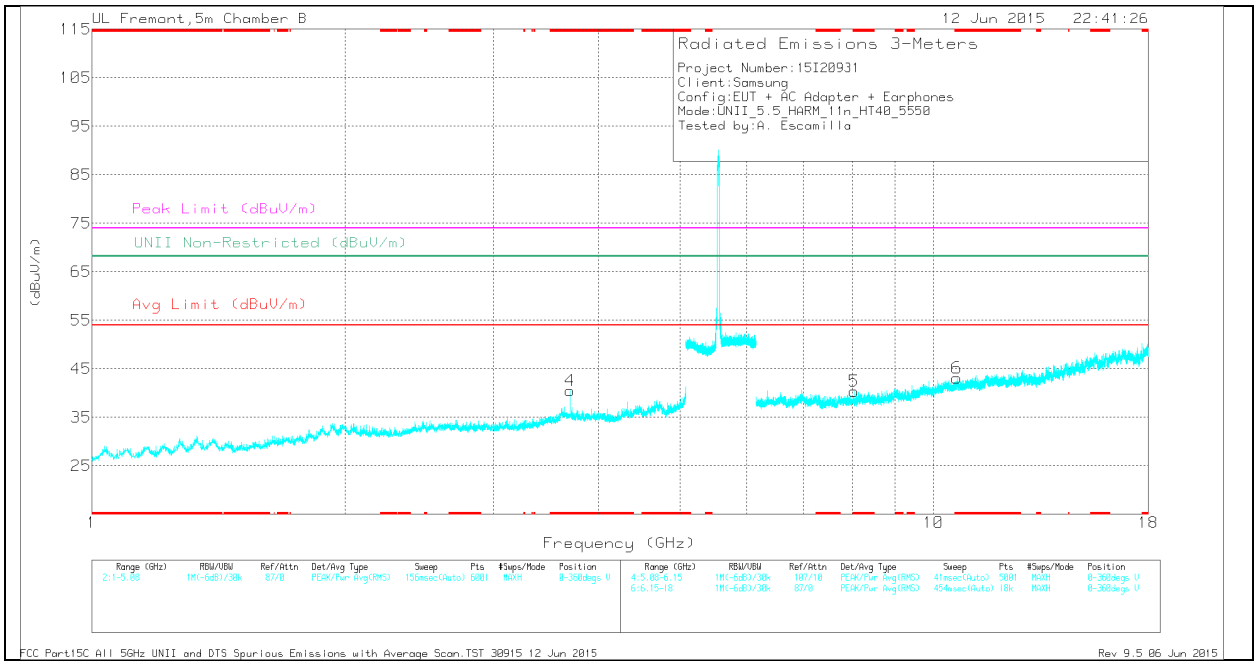
MID CHANNEL VERTICAL



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

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MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.7	39.05	Pk	33.6	-30.4	42.25	-	-	74	-31.75	-	-	0-360	199	H
4	* 3.7	37.33	Pk	33.6	-30.4	40.53	-	-	74	-33.47	-	-	0-360	199	V
2	* 9.003	29.52	Pk	36.1	-23.9	41.72	-	-	74	-32.28	-	-	0-360	199	H
3	* 11.547	27.84	Pk	38.3	-21.2	44.94	-	-	74	-29.06	-	-	0-360	199	H
5	* 8.053	30.91	Pk	35.6	-26.1	40.41	-	-	74	-33.59	-	-	0-360	101	V
6	* 10.661	27.06	Pk	37.7	-21.7	43.06	-	-	74	-30.94	-	-	0-360	199	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.7	44.82	PK3	33.6	-30.4	0	48.02	-	-	74	-25.98	68.2	-20.18	31	231	H
* 3.7	38.38	ADR	33.6	-30.4	0.6	42.18	54	-11.82	-	-	-	-	31	231	H
* 3.7	44.96	PK3	33.6	-30.4	0	48.16	-	-	74	-25.84	68.2	-20.04	6	352	V
* 3.7	38.02	ADR	33.6	-30.4	0.6	41.82	54	-12.18	-	-	-	-	6	352	V
* 9.002	36.63	PK3	36.1	-23.9	0	48.83	-	-	74	-25.17	68.2	-19.37	25	217	H
* 9.002	25.49	ADR	36.1	-23.9	0.6	38.29	54	-15.71	-		-	-	25	217	H
* 11.545	34.54	PK3	38.3	-21.2	0	51.64	-	-	74	-22.36	68.2	-16.56	49	188	H
* 11.546	23.45	ADR	38.3	-21.2	0.6	41.15	54	-12.85	-	-	-	-	49	188	H
* 8.053	37.57	PK3	35.6	-26.1	0	47.07	-	-	74	-26.93	68.2	-21.13	22	177	V
* 8.054	26.29	ADR	35.6	-26	0.6	36.49	54	-17.51	-	-	-	-	22	177	V
* 10.66	34.18	PK3	37.7	-21.7	0	50.18	-	-	74	-23.82	68.2	-18.02	22	214	V
* 10.659	23.51	ADR	37.7	-21.7	0.6	40.11	54	-13.89	-	-	-	-	22	214	V

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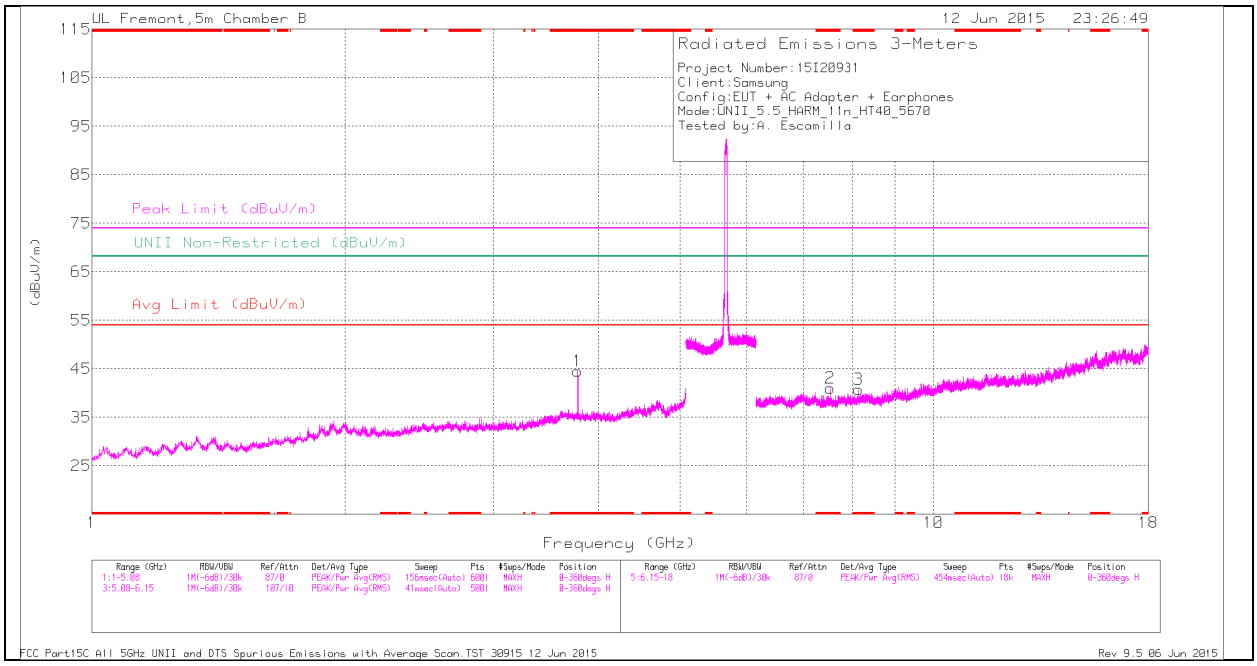
HIGH CHANNEL HORIZONTAL



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

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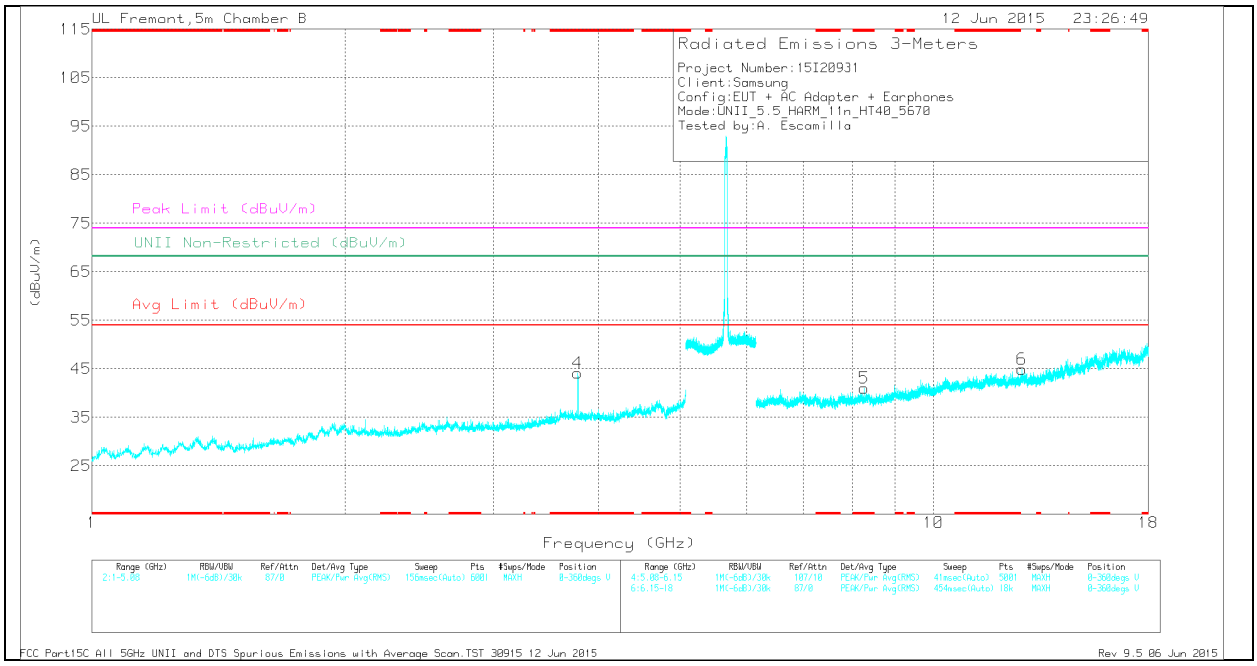
HIGH CHANNEL VERTICAL



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

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HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.78	40.92	Pk	33.4	-29.8	44.52	-	-	74	-29.48	-	-	0-360	199	H
4	* 3.78	40.59	Pk	33.4	-29.8	44.19	-	-	74	-29.81	-	-	0-360	199	V
2	* 7.542	31.27	Pk	35.3	-25.6	40.97	-	-	74	-33.03	-	-	0-360	200	H
3	* 8.141	30.9	Pk	35.7	-25.8	40.8	-	-	74	-33.2	-	-	0-360	200	H
5	* 8.268	31.17	Pk	35.7	-25.8	41.07	-	-	74	-32.93	-	-	0-360	101	V
6	12.73	27.41	Pk	38.7	-21.2	44.91	-	-	-	-	68.2	-23.29	0-360	101	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.78	44.83	PK3	33.4	-29.8	0	48.43	-	-	74	-25.57	68.2	-19.77	241	200	H
* 3.78	39.28	ADR	33.4	-29.8	0.6	43.48	54	-10.52	-	-	-	-	241	200	H
* 3.78	46.66	PK3	33.4	-29.8	0	50.26	-	-	74	-23.74	68.2	-17.94	333	296	V
* 3.78	42	ADR	33.4	-29.8	0.6	46.2	54	-7.8	-	-	-	-	333	296	V
* 7.542	37.37	PK3	35.3	-25.6	0	47.07	-	-	74	-26.93	68.2	-21.13	259	211	H
* 7.544	26.26	ADR	35.4	-25.6	0.6	36.66	54	-17.34	-		-	-	259	211	H
* 8.141	37.57	PK3	35.7	-25.8	0	47.47	-	-	74	-26.53	68.2	-20.73	351	202	H
* 8.142	26.82	ADR	35.7	-25.8	0.6	37.32	54	-16.68	-	-	-	-	351	202	H
* 8.27	38.02	PK3	35.7	-25.8	0	47.92	-	-	74	-26.08	68.2	-20.28	328	258	V
* 8.268	26.79	ADR	35.7	-25.8	0.6	37.29	54	-16.71	-	-	-	-	328	258	V
12.73	34.11	PK3	38.7	-21.2	0	51.61	-	-	74	-22.39	68.2	-16.59	312	206	V
12.729	23.23	ADR	38.7	-21.2	0.6	41.33	54	-12.67	-	-	-	-	312	206	V

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

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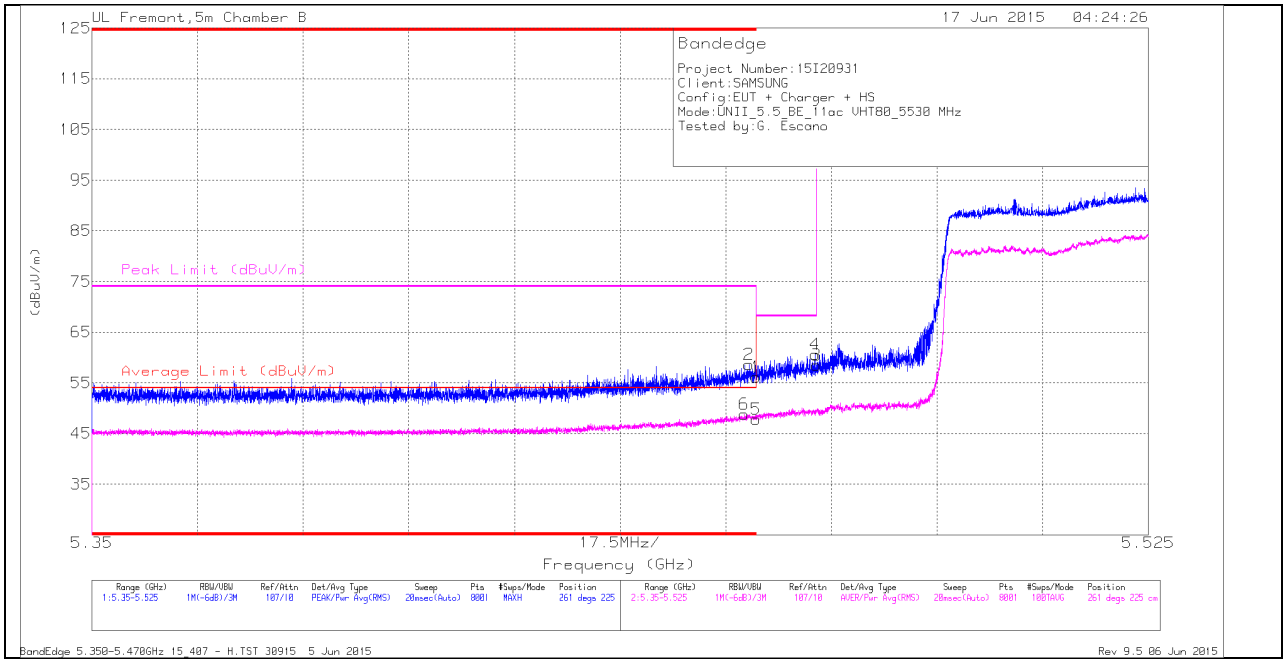
11.3.4. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.5 GHz BAND RESTRICTED BANDEDGE

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.88	Pk	34.5	-19.3	0	56.08	-	-	74	-17.92	261	225	H
2	* 5.459	43.4	Pk	34.5	-19.3	0	58.6	-	-	74	-15.4	261	225	H
5	* 5.46	31.48	RMS	34.5	-19.3	1.16	47.84	54	-6.16	-	-	261	225	H
6	* 5.458	32.39	RMS	34.5	-19.3	1.16	48.75	54	-5.25	-	-	261	225	H
3	5.47	43.29	Pk	34.5	-19.3	0	58.49	-	-	68.2	-9.71	261	225	H
4	5.47	45.39	Pk	34.5	-19.3	0	60.59	-	-	68.2	-7.61	261	225	H

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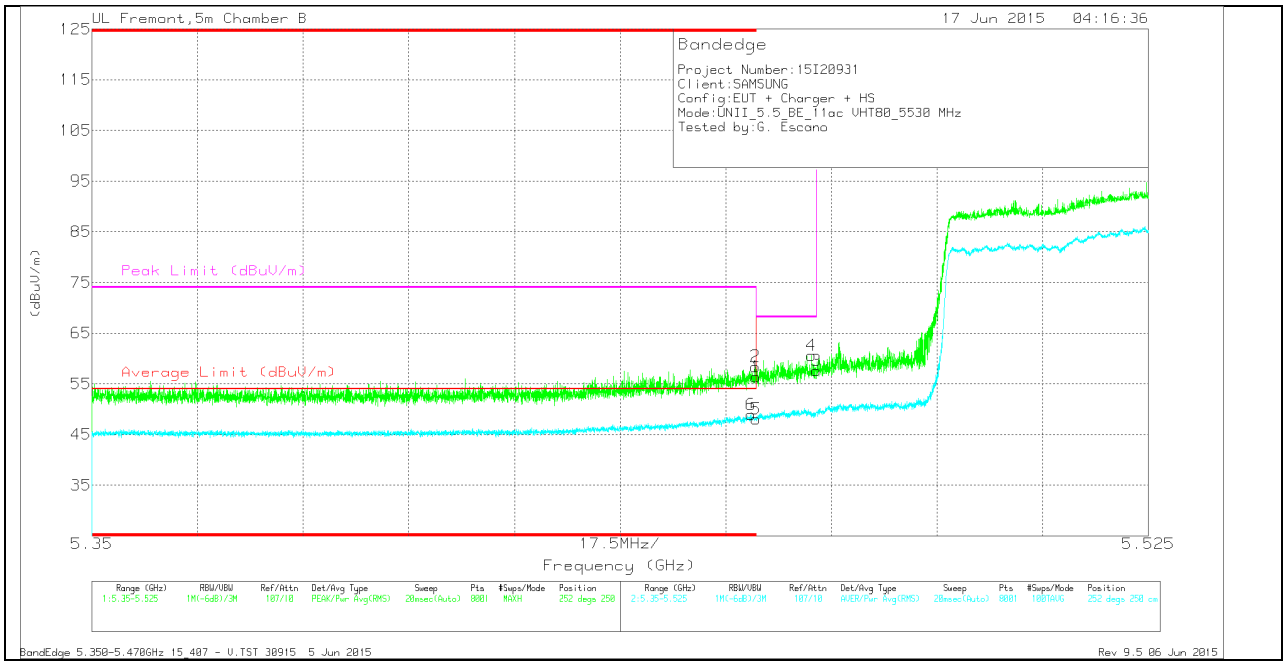
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.14	Pk	34.5	-19.3	0	56.34	-	-	74	-17.66	252	250	V
2	* 5.46	43.22	Pk	34.5	-19.3	0	58.42	-	-	74	-15.58	252	250	V
5	* 5.46	31.67	RMS	34.5	-19.3	1.16	48.03	54	-5.97	-	-	252	250	V
6	* 5.459	32.61	RMS	34.5	-19.3	1.16	48.97	54	-5.03	-	-	252	250	V
4	5.469	45.4	Pk	34.5	-19.3	0	60.6	-	-	68.2	-7.6	252	250	V
3	5.47	42.4	Pk	34.5	-19.3	0	57.6	-	-	68.2	-10.6	252	250	V

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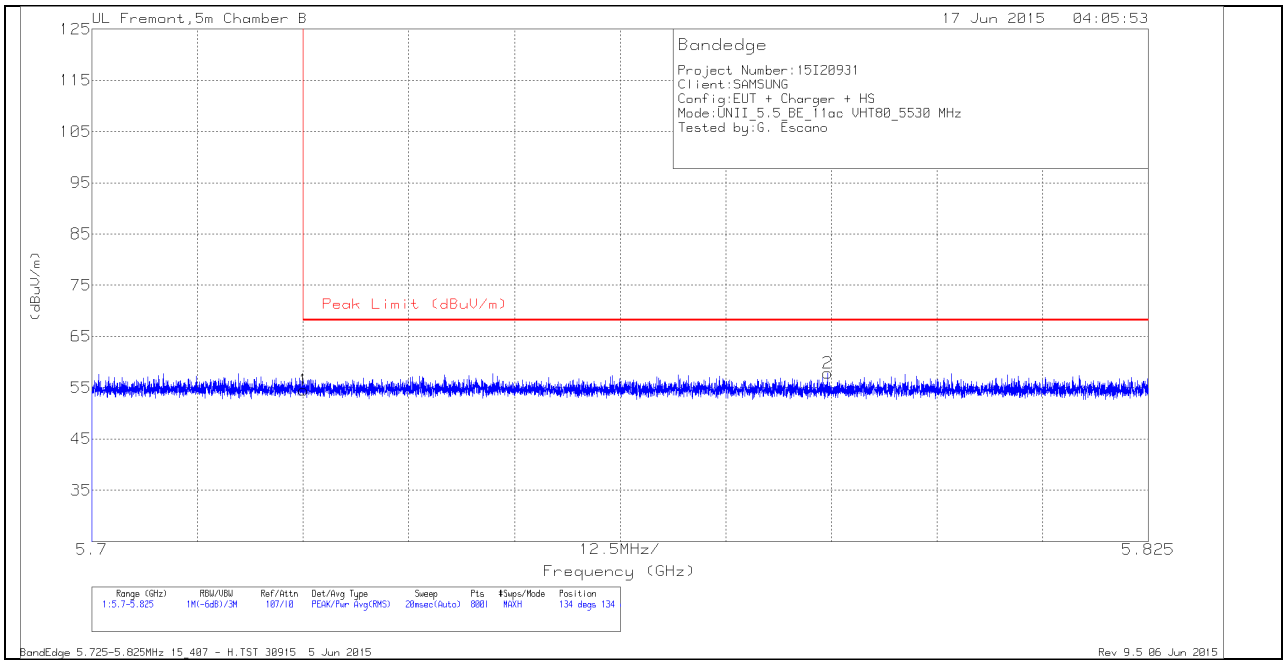
AUTHORIZED BANDEDGE

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.67	Pk	35	-19.1	54.57	68.2	-13.63	134	134	H
2	5.787	41.41	Pk	35.2	-18.8	57.81	68.2	-10.39	134	134	H

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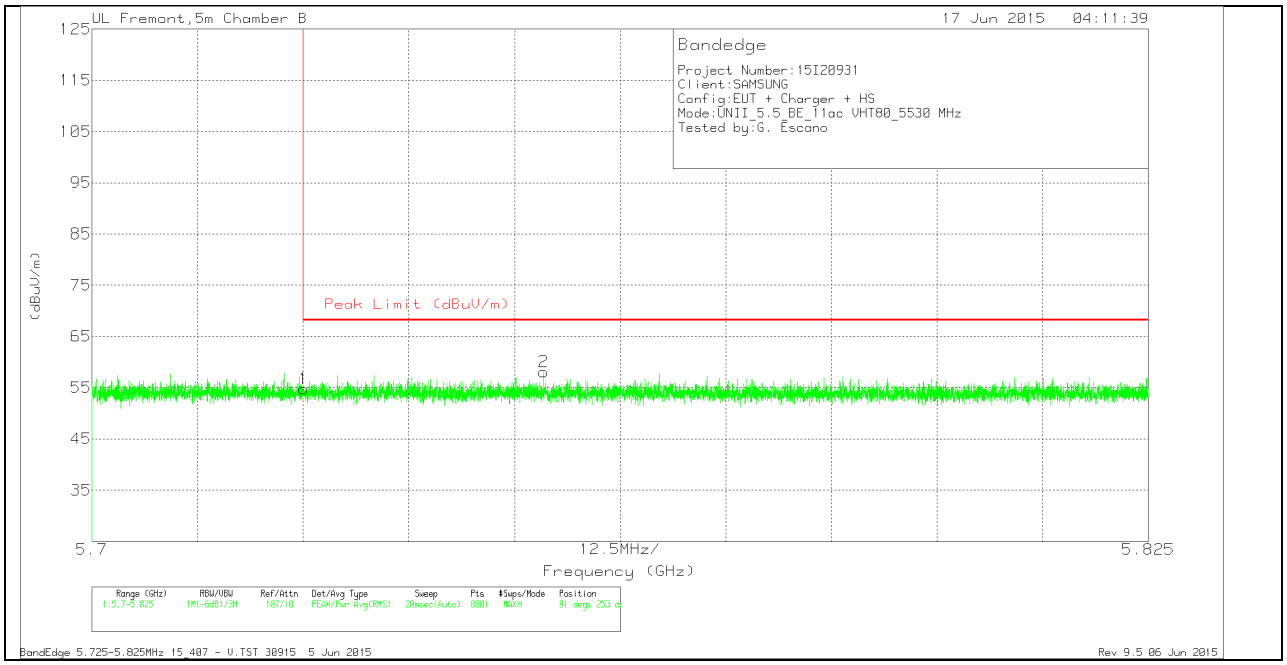
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.85	Pk	35	-19.1	54.75	68.2	-13.45	91	253	V
2	5.753	42	Pk	35.1	-19	58.1	68.2	-10.1	91	253	V

Pk - Peak detector

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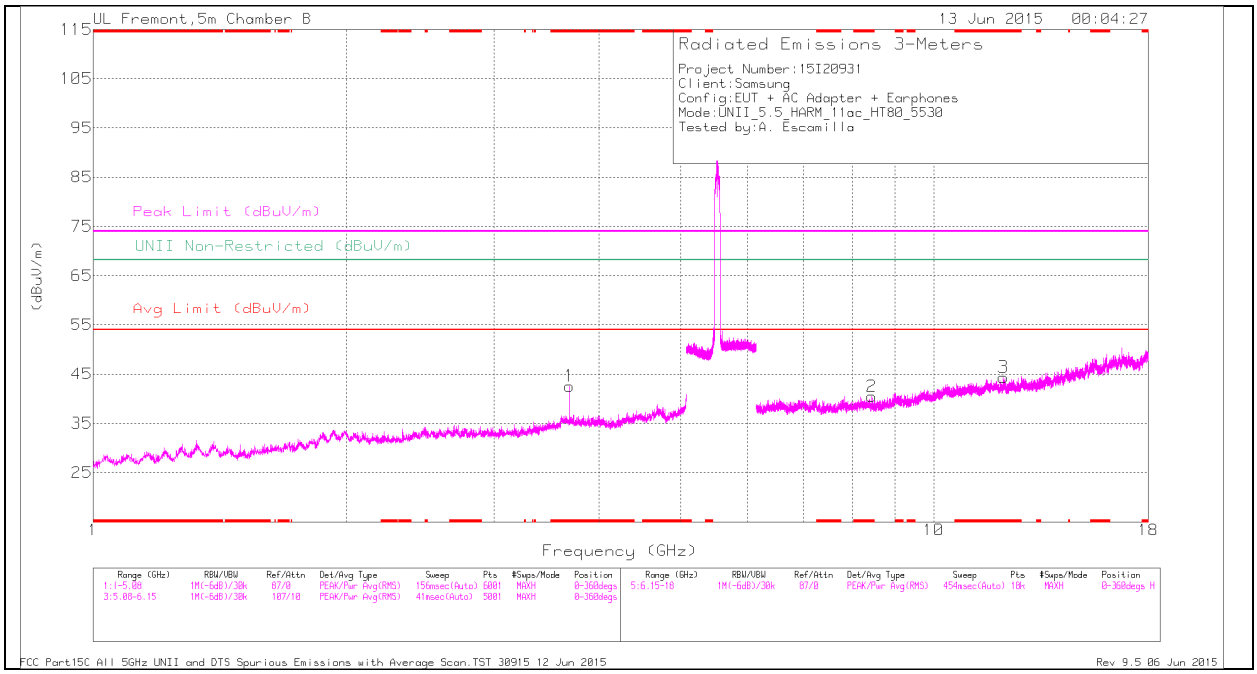
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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

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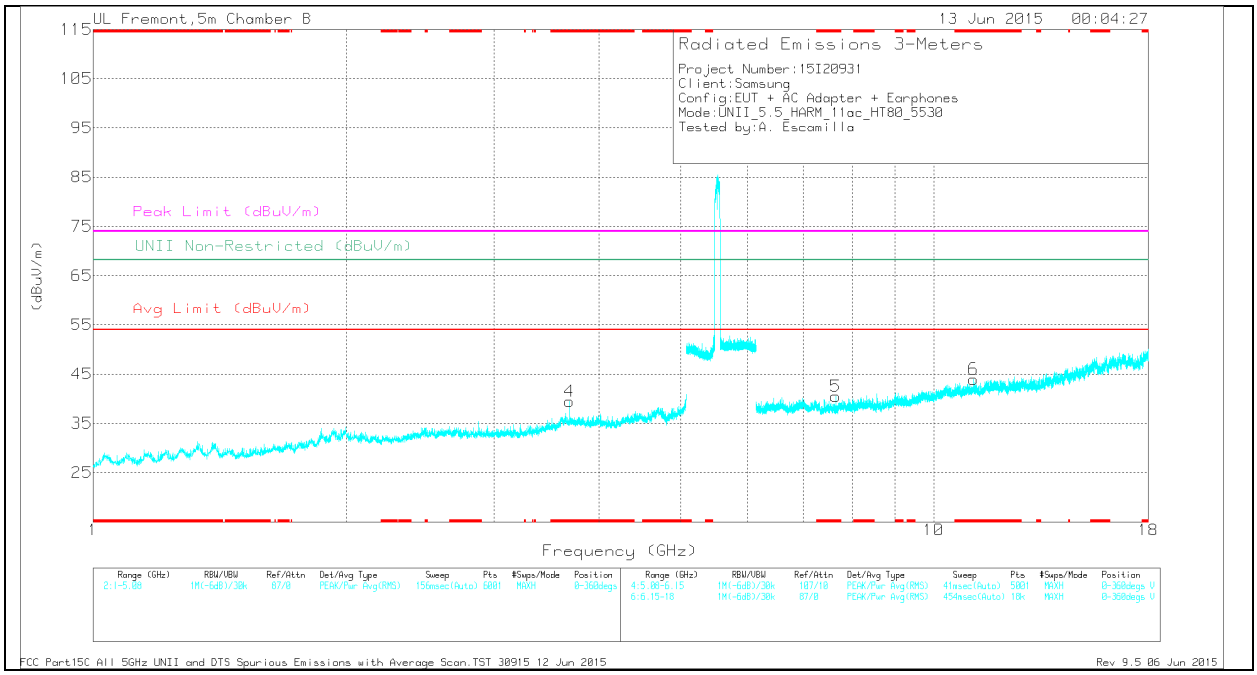
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (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	* 3.687	39.28	Pk	33.6	-30.3	42.58	-	-	74	-31.42	-	-	0-360	199	H
4	* 3.687	36.15	Pk	33.6	-30.3	39.45	-	-	74	-34.55	-	-	0-360	199	V
2	* 8.442	29.6	Pk	35.7	-24.8	40.5	-	-	74	-33.5	-	-	0-360	199	H
3	* 12.102	27.46	Pk	38.6	-21.7	44.36	-	-	74	-29.64	-	-	0-360	101	H
5	* 7.645	31.9	Pk	35.4	-26.8	40.5	-	-	74	-33.5	-	-	0-360	101	V
6	* 11.158	27.96	Pk	37.8	-21.8	43.96	-	-	74	-30.04	-	-	0-360	101	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF	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
* 3.687	44.99	PK3	33.6	-30.3	0	48.29	-	-	74	-25.71	68.2	-19.91	40	265	H
* 3.687	38.57	ADR	33.6	-30.3	1.16	43.03	54	-10.97	-	-	-	-	40	265	H
* 3.687	45.07	PK3	33.6	-30.3	0	48.37	-	-	74	-25.63	68.2	-19.83	6	310	V
* 3.687	37.82	ADR	33.6	-30.3	1.16	42.28	54	-11.72	-	-	-	-	6	310	V
* 8.442	37.35	PK3	35.7	-24.8	0	48.25	-	-	74	-25.75	68.2	-19.95	38	232	H
* 8.443	25.96	ADR	35.7	-24.8	1.16	38.02	54	-15.98	-		-	-	38	232	H
* 12.102	34.63	PK3	38.6	-21.7	0	51.53	-	-	74	-22.47	68.2	-16.67	22	212	H
* 12.1	23.36	ADR	38.6	-21.7	1.16	41.42	54	-12.58	-	-	-	-	22	212	H
* 7.646	37.96	PK3	35.4	-26.8	0	46.56	-	-	74	-27.44	68.2	-21.64	18	275	V
* 7.645	26.84	ADR	35.4	-26.8	1.16	36.6	54	-17.4	-	-	-	-	18	275	V
* 11.157	34.81	PK3	37.8	-21.8	0	50.81	-	-	74	-23.19	68.2	-17.39	50	215	V
* 11.16	23.85	ADR	37.8	-21.8	1.16	41.01	54	-12.99	-	-	-	-	50	215	V

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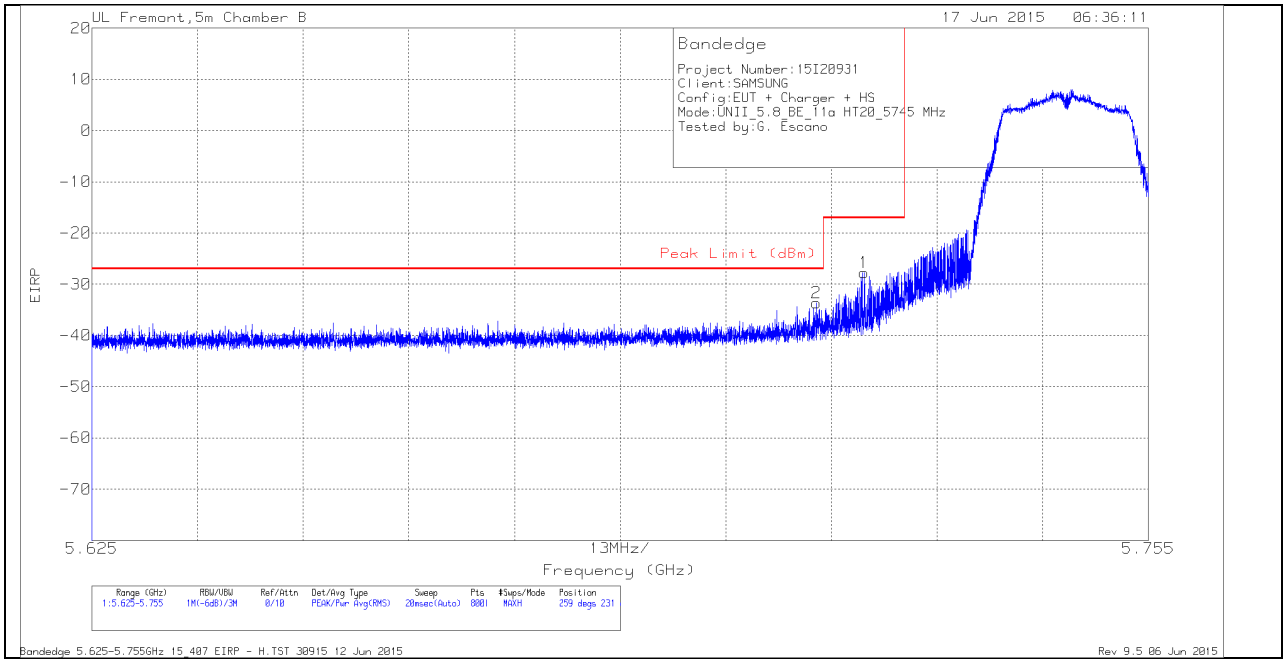
11.4. 5.8 GHz

11.4.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-61.28	Pk	35	-19.1	11.8	-33.58	-27	-6.58	259	231	H
1	5.72	-55.45	Pk	35	-19.1	11.8	-27.75	-17	-10.75	259	231	H

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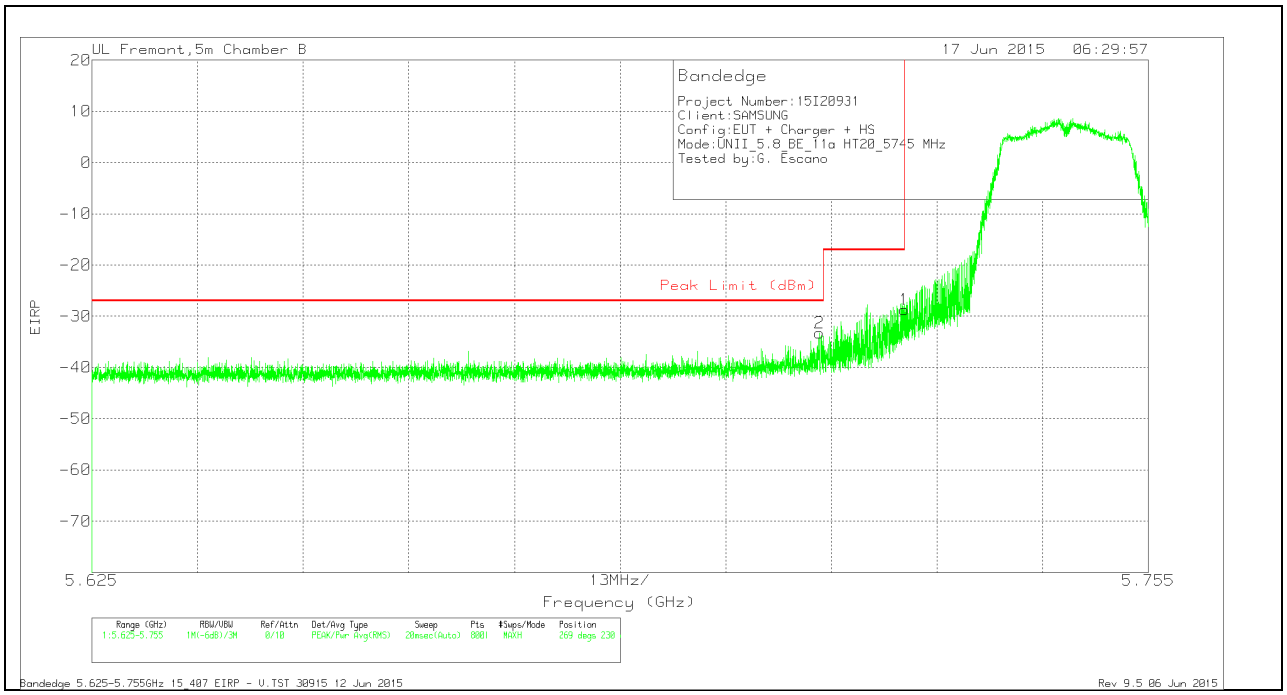
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-60.97	Pk	35	-19.1	11.8	-33.27	-27	-6.27	269	230	V
1	5.725	-56.38	Pk	35	-19.1	11.8	-28.68	-17	-11.68	269	230	V

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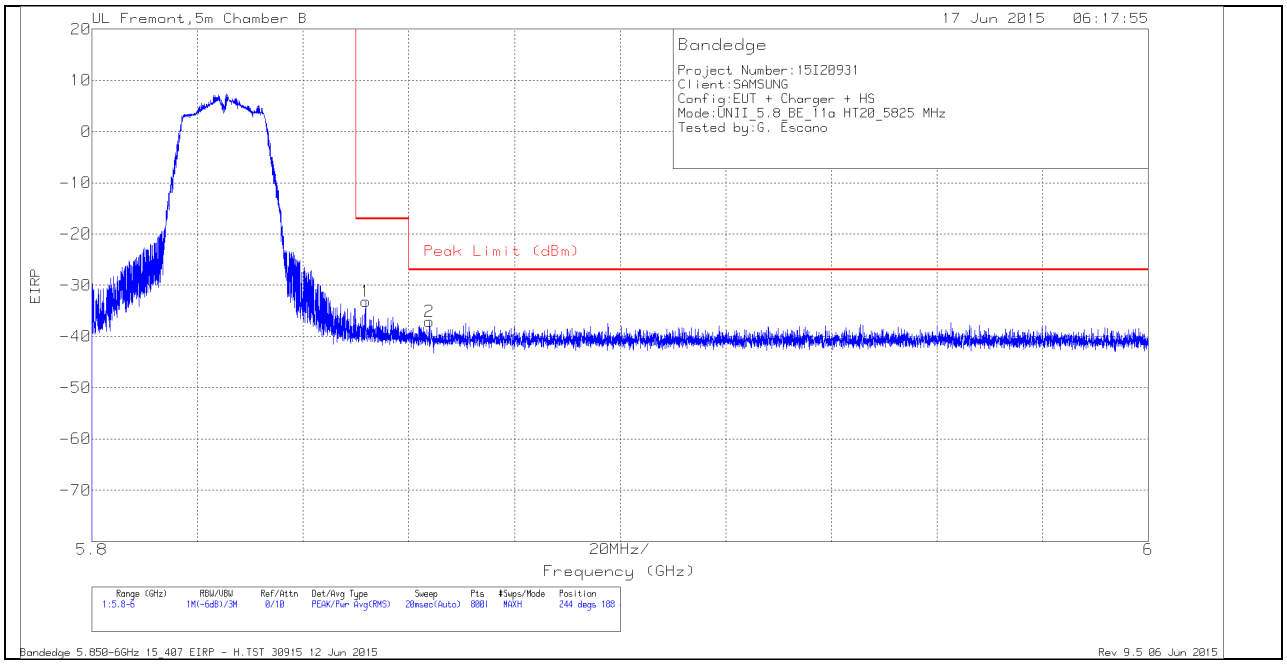
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.852	-61.45	Pk	35.4	-18.9	11.8	-33.15	-17	-16.15	244	188	H
2	5.864	-65.43	Pk	35.4	-18.9	11.8	-37.13	-27	-10.13	244	188	H

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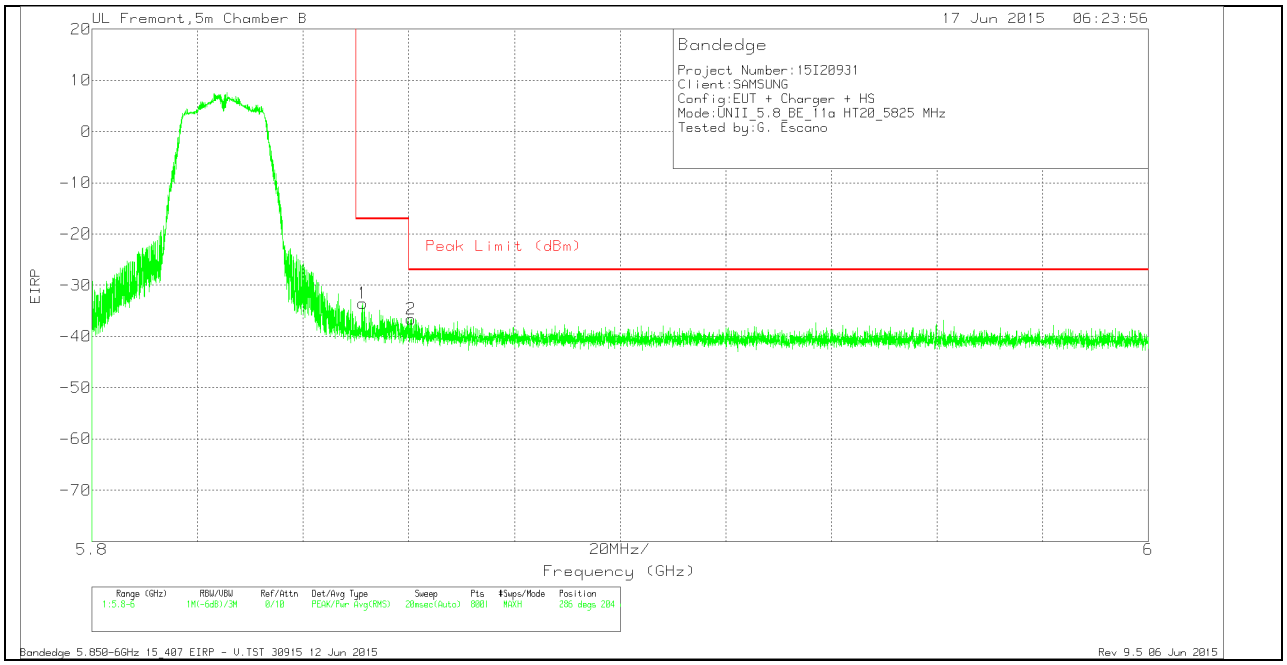
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.851	-61.83	Pk	35.4	-18.9	11.8	-33.53	-17	-16.53	286	204	V
2	5.86	-64.99	Pk	35.4	-18.8	11.8	-36.59	-27	-9.59	286	204	V

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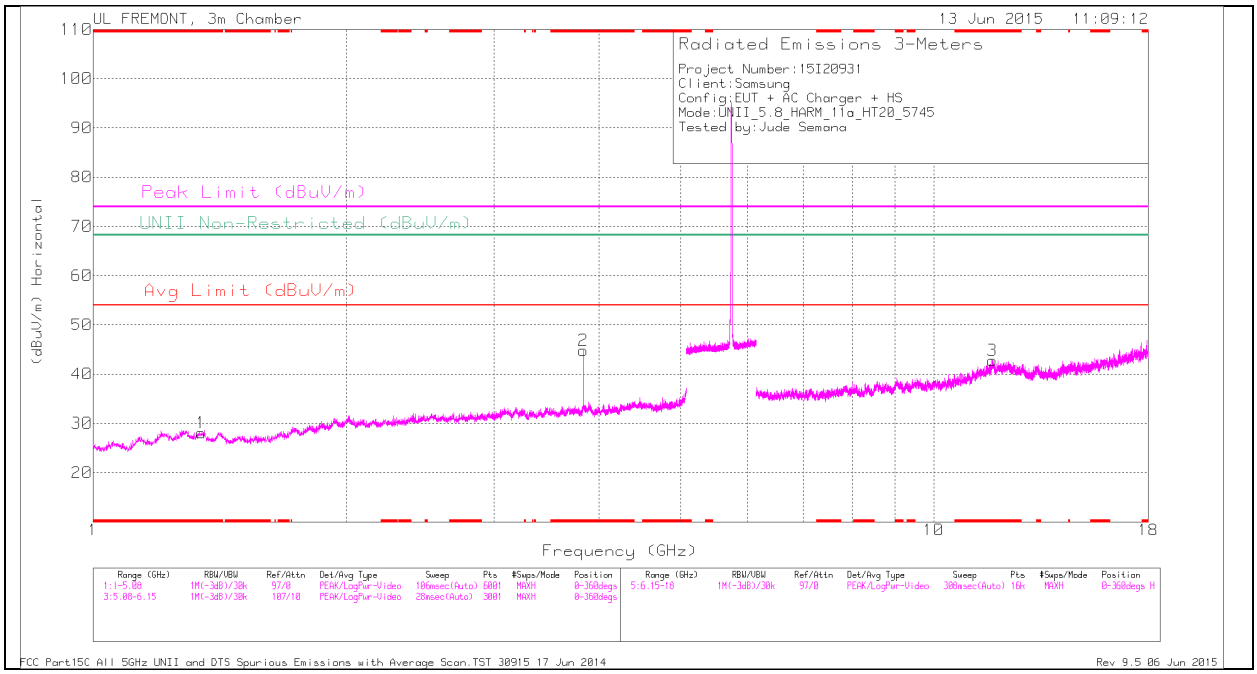
LOW CHANNEL HORIZONTAL



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

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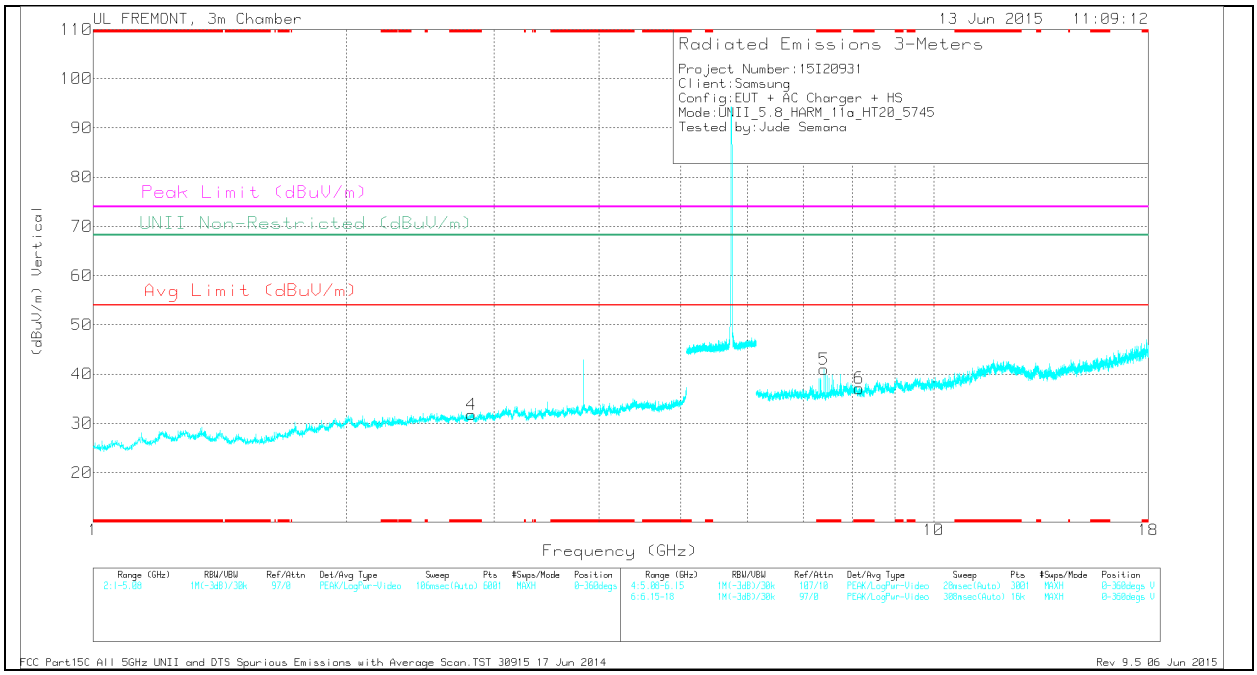
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.344	31.57	Avg	29.3	-32.8	0	28.07	54	-25.93	-	-	-	-	0-360	100	H
2	* 3.83	42.02	Avg	33.1	-30.3	0	44.82	54	-9.18	-	-	-	-	0-360	200	H
4	* 2.818	30.89	Avg	32.6	-31.7	0	31.79	54	-22.21	-	-	-	-	0-360	100	V
3	* 11.746	27.05	Avg	38.9	-23.2	0	42.75	54	-11.25	-	-	-	-	0-360	200	H
5	* 7.408	32.65	Avg	35.6	-27.3	0	40.95	54	-13.05	-	-	-	-	0-360	200	V
6	* 8.149	28.31	Avg	35.7	-26.9	0	37.11	54	-16.89	-	-	-	-	0-360	100	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 1.346	41.89	PK3	29.3	-32.8	0	38.39	-	-	74	-35.61	68.2	-29.81	360	100	H
* 1.344	29.97	ADR	29.3	-32.8	0.29	26.76	54	-27.24	-	-	-	-	360	100	H
* 3.83	47.39	PK3	33.1	-30.3	0	50.19	-	-	74	-23.81	68.2	-18.01	360	200	H
* 3.83	41.93	ADR	33.1	-30.3	0.29	45.02	54	-8.98	-	-	-	-	360	200	H
* 2.817	42.23	PK3	32.6	-31.7	0	43.13	-	-	74	-30.87	68.2	-25.07	360	100	V
* 2.816	29.03	ADR	32.6	-31.7	0.29	30.22	54	-23.78	-		-	-	360	100	V
* 11.744	37.38	PK3	38.9	-23.2	0	53.08	-	-	74	-20.92	68.2	-15.12	360	200	H
* 11.744	25.48	ADR	38.9	-23.2	0.29	41.47	54	-12.53	-	-	-	-	360	200	H
* 7.407	38.22	PK3	35.6	-27.3	0	46.52	-	-	74	-27.48	68.2	-21.68	360	200	V
* 7.409	26.78	ADR	35.6	-27.4	0.29	35.27	54	-18.73	-	-	-	-	360	200	V
* 8.15	38.23	PK3	35.7	-27	0	46.93	-	-	74	-27.07	68.2	-21.27	360	100	V
* 8.147	26.48	ADR	35.7	-26.9	0.29	35.57	54	-18.43	-	-	-	-	360	100	V

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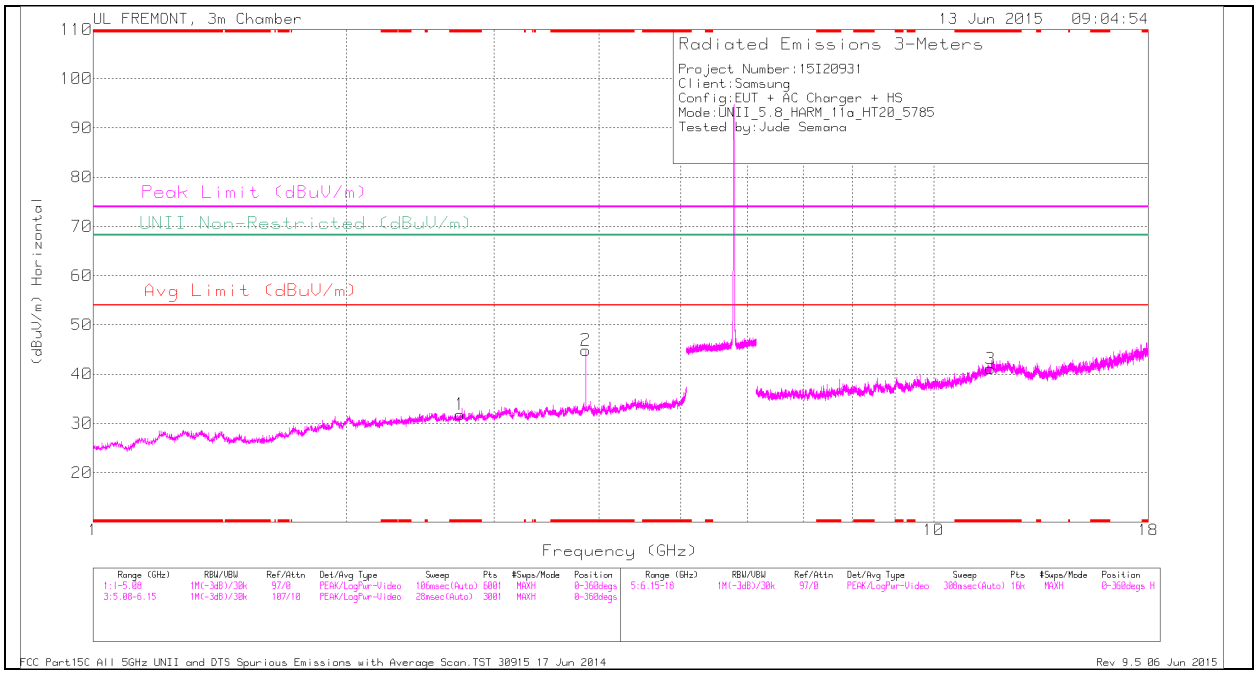
MID CHANNEL HORIZONTAL



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

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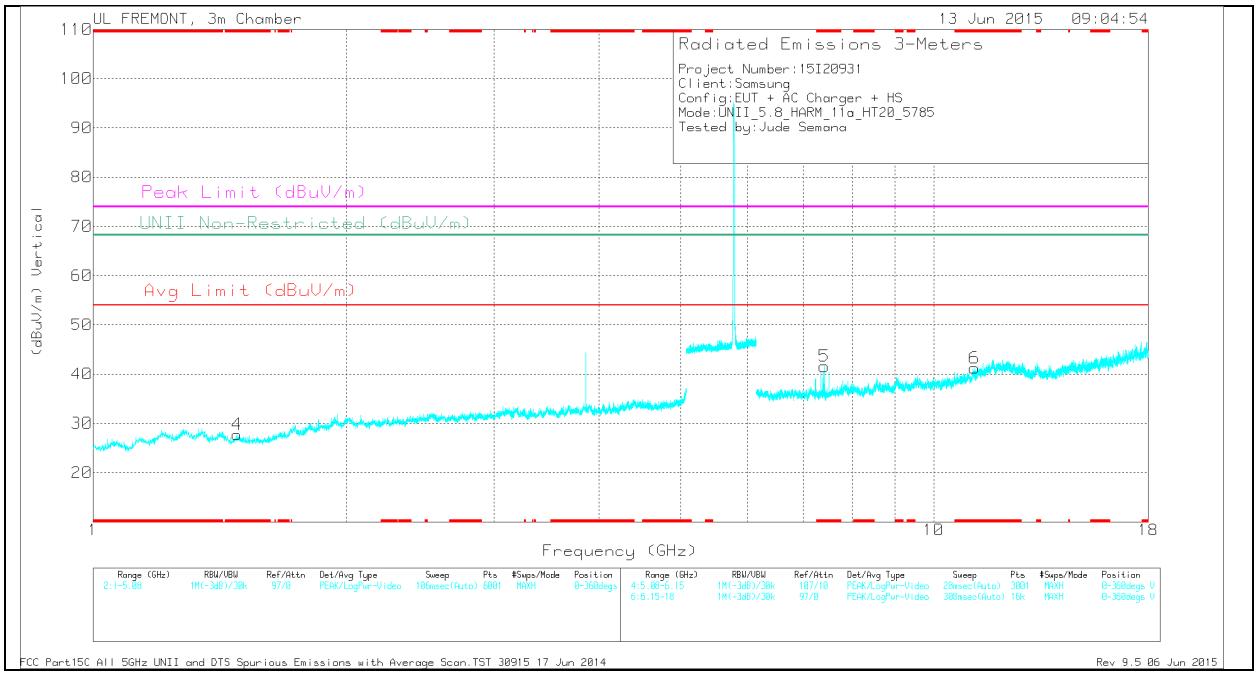
MID CHANNEL VERTICAL



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

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MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 2.732	30.92	Avg	32.4	-31.5	0	31.82	54	-22.18	-	-	-	-	0-360	100	H
2	* 3.857	41.96	Avg	33.1	-30.2	0	44.86	54	-9.14	-	-	-	-	0-360	200	H
4	* 1.483	31.83	Avg	28.2	-32.3	0	27.73	54	-26.27	-	-	-	-	0-360	200	V
3	* 11.682	25.68	Avg	38.8	-23.4	0	41.08	54	-12.92	-	-	-	-	0-360	200	H
5	* 7.411	33.47	Avg	35.6	-27.5	0	41.57	54	-12.43	-	-	-	-	0-360	200	V
6	* 11.183	26.73	Avg	37.9	-23.4	0	41.23	54	-12.77	-	-	-	-	0-360	200	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 2.734	41.15	PK3	32.4	-31.6	0	41.95	-	-	74	-32.05	68.2	-26.25	360	100	H
* 2.733	28.93	ADR	32.4	-31.6	0.29	30.02	54	-23.98	-	-	-	-	360	100	H
* 3.857	46.63	PK3	33.1	-30.1	0	49.63	-	-	74	-24.37	68.2	-18.57	340	194	H
* 3.857	41.65	ADR	33.1	-30.2	0.29	44.84	54	-9.16	-	-	-	-	340	194	H
* 1.484	41.77	PK3	28.2	-32.3	0	37.67	-	-	74	-36.33	68.2	-30.53	340	200	V
* 1.484	29.64	ADR	28.2	-32.3	0.29	25.83	54	-28.17	-		-	-	340	200	V
* 11.683	36.43	PK3	38.8	-23.4	0	51.83	-	-	74	-22.17	68.2	-16.37	340	200	H
* 11.681	24.82	ADR	38.8	-23.4	0.29	40.51	54	-13.49	-	-	-	-	340	200	H
* 7.41	38.34	PK3	35.6	-27.4	0	46.54	-	-	74	-27.46	68.2	-21.66	340	200	V
* 7.409	26.81	ADR	35.6	-27.4	0.29	35.3	54	-18.7	-	-	-	-	340	200	V
* 11.182	36.83	PK3	37.9	-23.4	0	51.33	-	-	74	-22.67	68.2	-16.87	340	200	V
* 11.181	24.81	ADR	37.9	-23.4	0.29	39.6	54	-14.4	-	-	-	-	340	200	V

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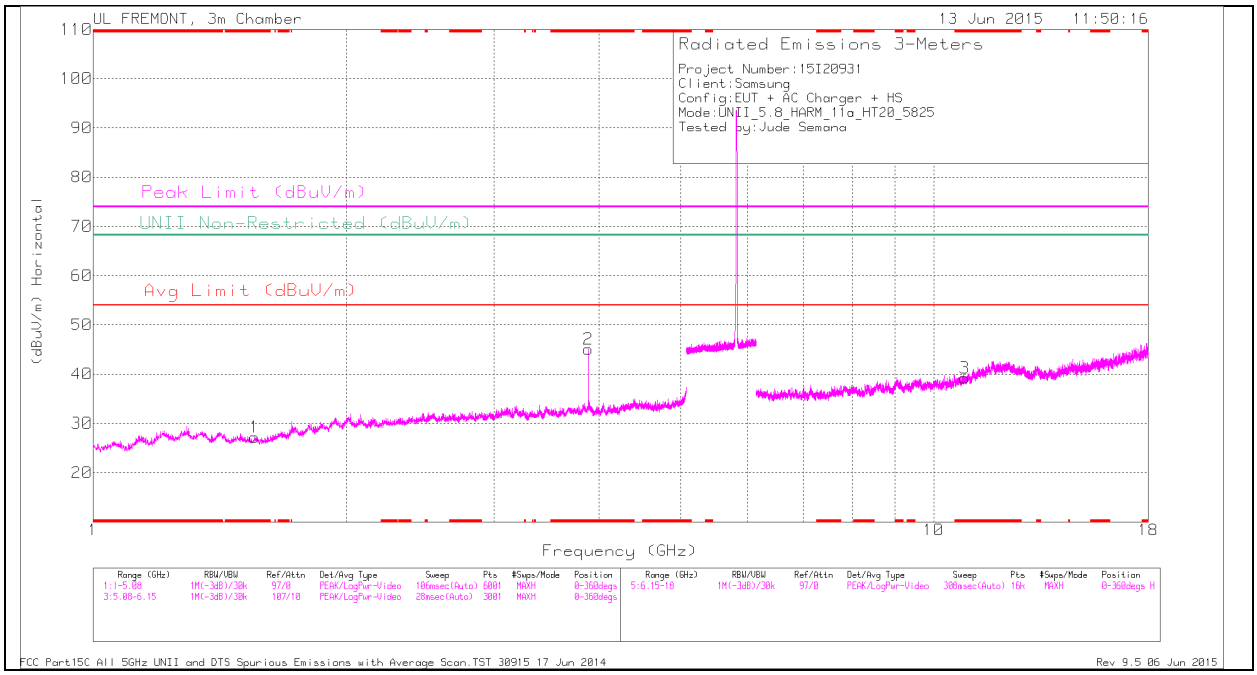
HIGH CHANNEL HORIZONTAL



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

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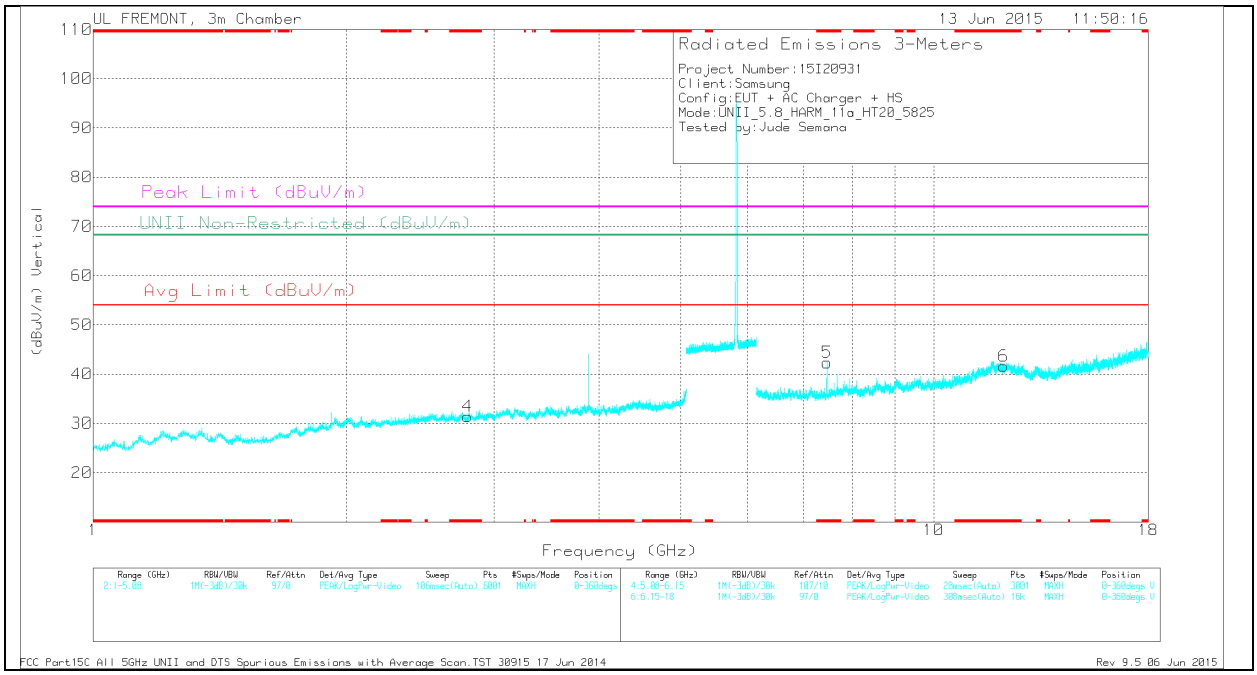
HIGH CHANNEL VERTICAL



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

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HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.557	31.97	Avg	28	-32.8	0	27.17	54	-26.83	-	-	-	-	0-360	200	H
2	* 3.883	41.74	Avg	33.2	-29.9	0	45.04	54	-8.96	-	-	-	-	0-360	200	H
4	* 2.79	30.51	Avg	32.6	-31.7	0	31.41	54	-22.59	-	-	-	-	0-360	100	V
3	* 10.89	25.36	Avg	37.8	-24	0	39.16	54	-14.84	-	-	-	-	0-360	100	H
5	* 7.468	34.15	Avg	35.7	-27.5	0	42.35	54	-11.65	-	-	-	-	0-360	200	V
6	* 12.109	26.92	Avg	39	-24.3	0	41.62	54	-12.38	-	-	-	-	0-360	100	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	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
* 1.555	42.18	PK3	28	-32.7	0	37.48	-	-	74	-36.52	68.2	-30.72	0	200	H
* 1.557	29.81	ADR	28	-32.8	0.29	25.3	54	-28.7	-	-	-	-	0	200	H
* 3.883	45.93	PK3	33.2	-29.9	0	49.23	-	-	74	-24.77	68.2	-18.97	9	169	H
* 3.883	40.83	ADR	33.2	-29.9	0.29	44.42	54	-9.58	-	-	-	-	9	169	H
* 2.79	40.12	PK3	32.6	-31.7	0	41.02	-	-	74	-32.98	68.2	-27.18	9	100	V
* 2.788	28.74	ADR	32.6	-31.7	0.29	29.93	54	-24.07	-		-	-	9	100	V
* 10.888	36.31	PK3	37.8	-24	0	50.11	-	-	74	-23.89	68.2	-18.09	9	100	H
* 10.888	24.71	ADR	37.8	-24	0.29	38.8	54	-15.2	-	-	-	-	9	100	H
* 7.468	38.5	PK3	35.7	-27.5	0	46.7	-	-	74	-27.3	68.2	-21.5	9	200	V
* 7.469	26.93	ADR	35.7	-27.6	0.29	35.32	54	-18.68	-	-	-	-	9	200	V
* 12.108	37.73	PK3	39	-24.3	0	52.43	-	-	74	-21.57	68.2	-15.77	9	100	V
* 12.109	25.48	ADR	39	-24.3	0.29	40.47	54	-13.53	-	-	-	-	9	100	V

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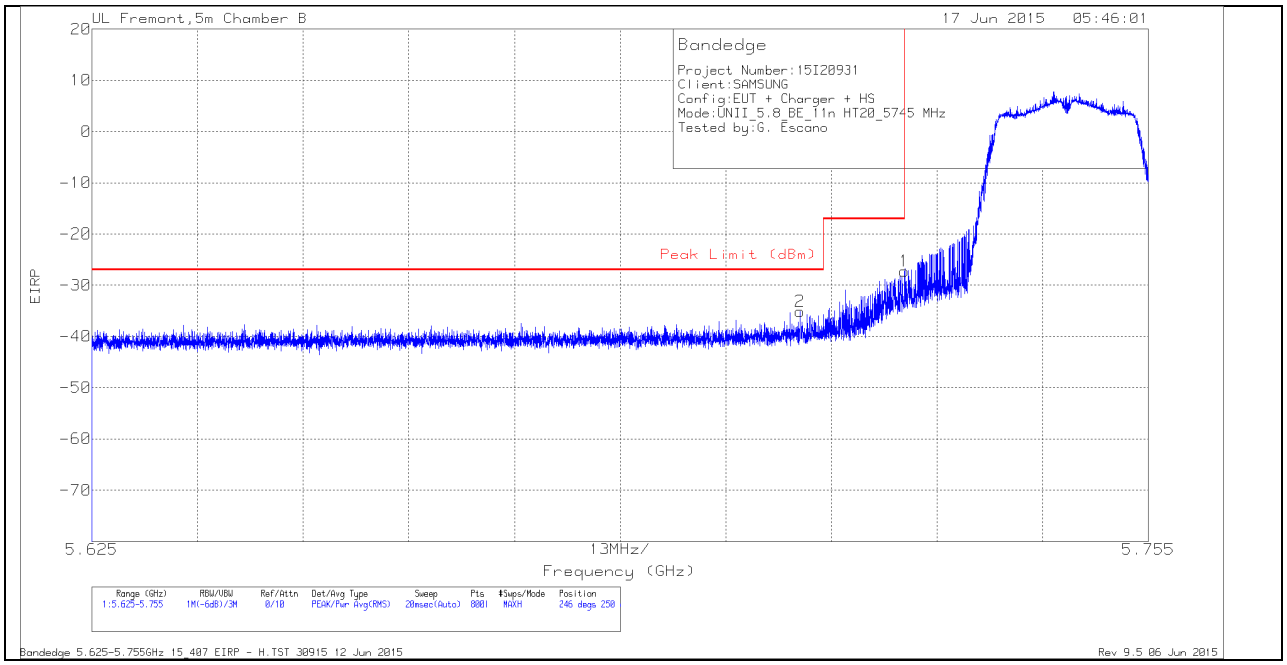
11.4.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.712	-62.8	Pk	35	-19.1	11.8	-35.1	-27	-8.1	246	250	H
1	5.725	-54.91	Pk	35	-19.1	11.8	-27.21	-17	-10.21	246	250	H

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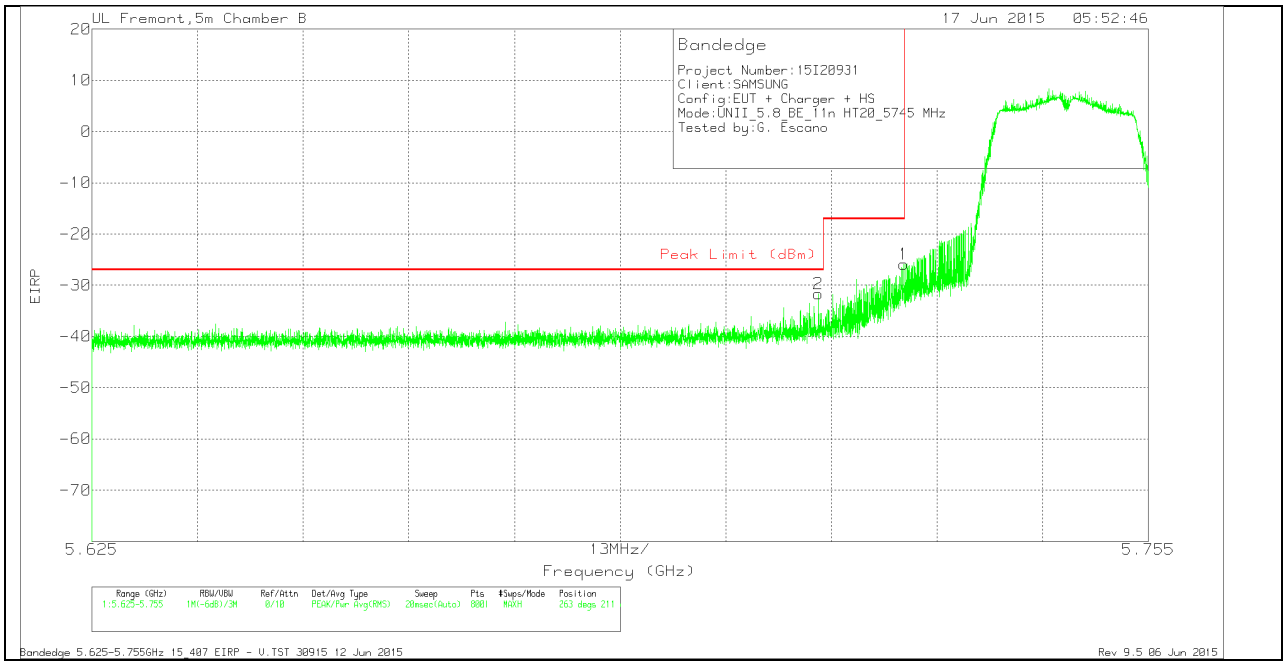
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-59.42	Pk	35	-19.1	11.8	-31.72	-27	-4.72	263	211	V
1	5.725	-53.56	Pk	35	-19.1	11.8	-25.86	-17	-8.86	263	211	V

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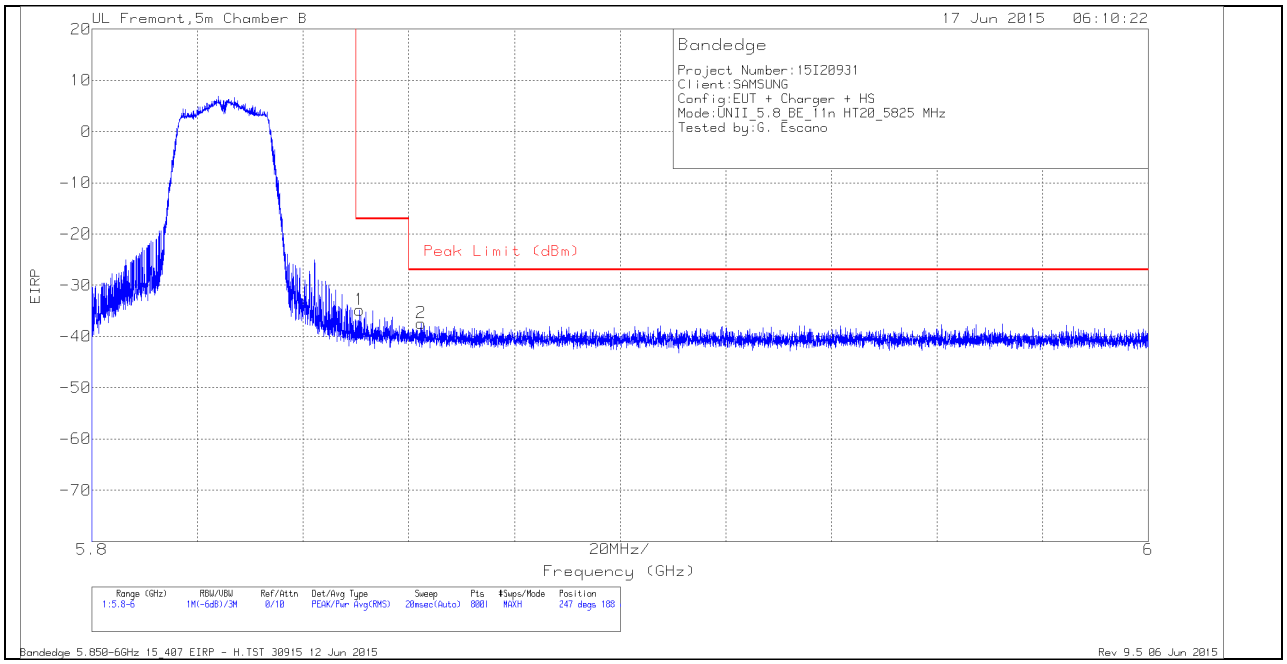
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.851	-63.1	Pk	35.4	-18.9	11.8	-34.8	-17	-17.8	247	188	H
2	5.862	-65.68	Pk	35.4	-18.9	11.8	-37.38	-27	-10.38	247	188	H

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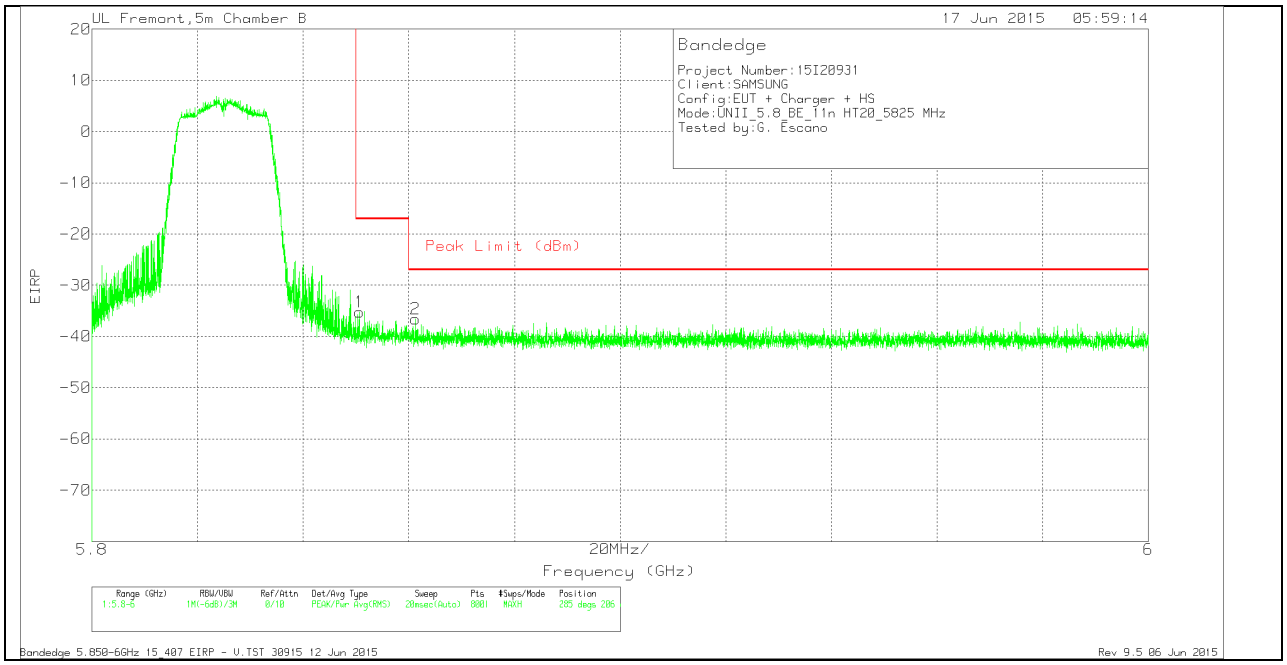
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.851	-63.57	Pk	35.4	-18.9	11.8	-35.27	-17	-18.27	285	206	V
2	5.861	-65.01	Pk	35.4	-18.8	11.8	-36.61	-27	-9.61	285	206	V

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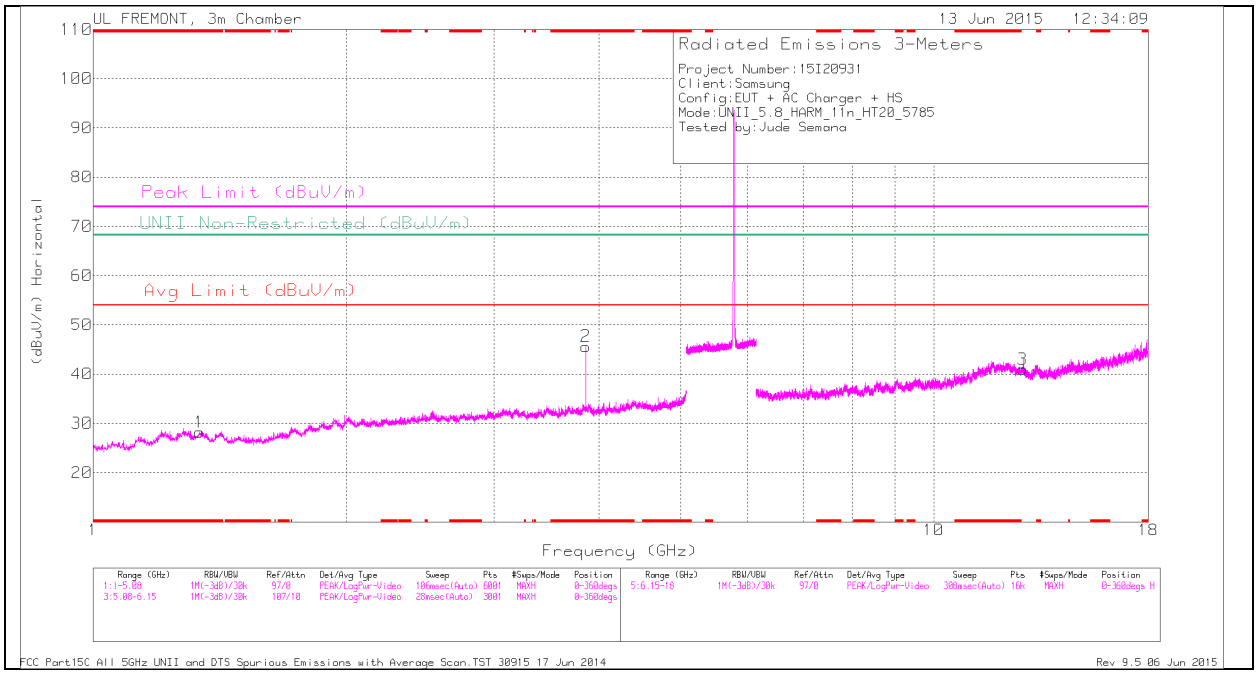
LOW CHANNEL HORIZONTAL



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

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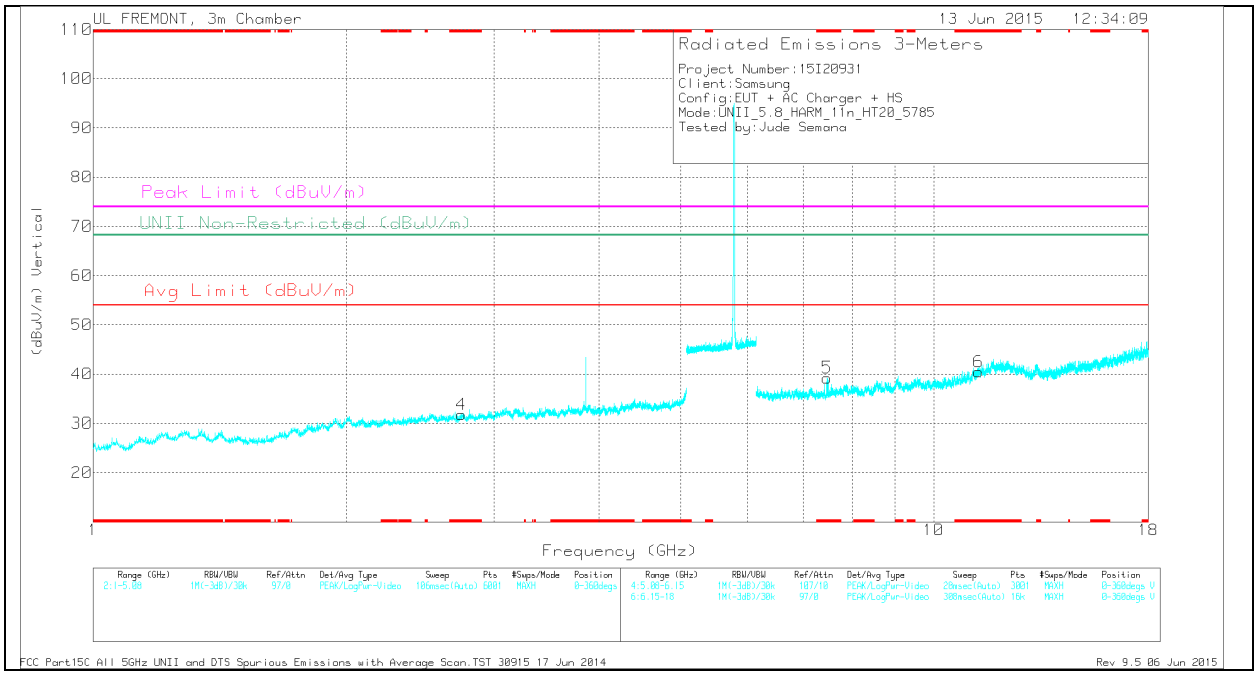
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.339	31.58	Avg	29.4	-32.8	0	28.18	54	-25.82	-	-	-	-	0-360	100	H
2	* 3.857	42.71	Avg	33.1	-30.2	0	45.61	54	-8.39	-	-	-	-	0-360	200	H
4	* 2.744	30.87	Avg	32.4	-31.5	0	31.77	54	-22.23	-	-	-	-	0-360	100	V
5	* 7.467	31.03	Avg	35.7	-27.5	0	39.23	54	-14.77	-	-	-	-	0-360	200	V
6	* 11.309	25.37	Avg	38.1	-23	0	40.47	54	-13.53	-	-	-	-	0-360	100	V
3	12.752	26.66	Avg	39.1	-24.8	0	40.96	54	-13.04	-	-	-	-	0-360	100	H

PK - Peak detector

RADIATED EMISSIONS

Frequency(GHz)	MeterReading(dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	CorrectedReading(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
* 3.83	47.08	PK3	33.1	-30.3	0	49.88	-	-	74	-24.12	68.2	-18.32	1	200	H
* 3.83	42	ADR	33.1	-30.3	0.32	45.12	54	-8.88	-	-	-	-	1	200	H
* 2.803	40.88	PK3	32.6	-31.6	0	41.88	-	-	74	-32.12	68.2	-26.32	166	200	V
* 2.805	28.99	ADR	32.6	-31.7	0.32	30.21	54	-23.79	-	-	-	-	166	200	V
* 12.279	37.54	PK3	38.9	-24.1	0	52.34	-	-	74	-21.66	68.2	-15.86	166	100	H
* 12.277	25.78	ADR	38.9	-24.1	0.32	40.9	54	-13.1	-		-	-	166	100	H
1.916	40.56	PK3	31.2	-32.1	0	39.66	-	-	74	-34.34	68.2	-28.54	166	200	V
1.916	28.41	ADR	31.2	-32.1	0.32	27.83	54	-26.17	-	-	-	-	166	200	V
7.983	38.87	PK3	35.8	-27.3	0	47.37	-	-	74	-26.63	68.2	-20.83	166	100	H
7.985	27.03	ADR	35.8	-27.4	0.32	35.75	54	-18.25	-	-	-	-	166	100	H

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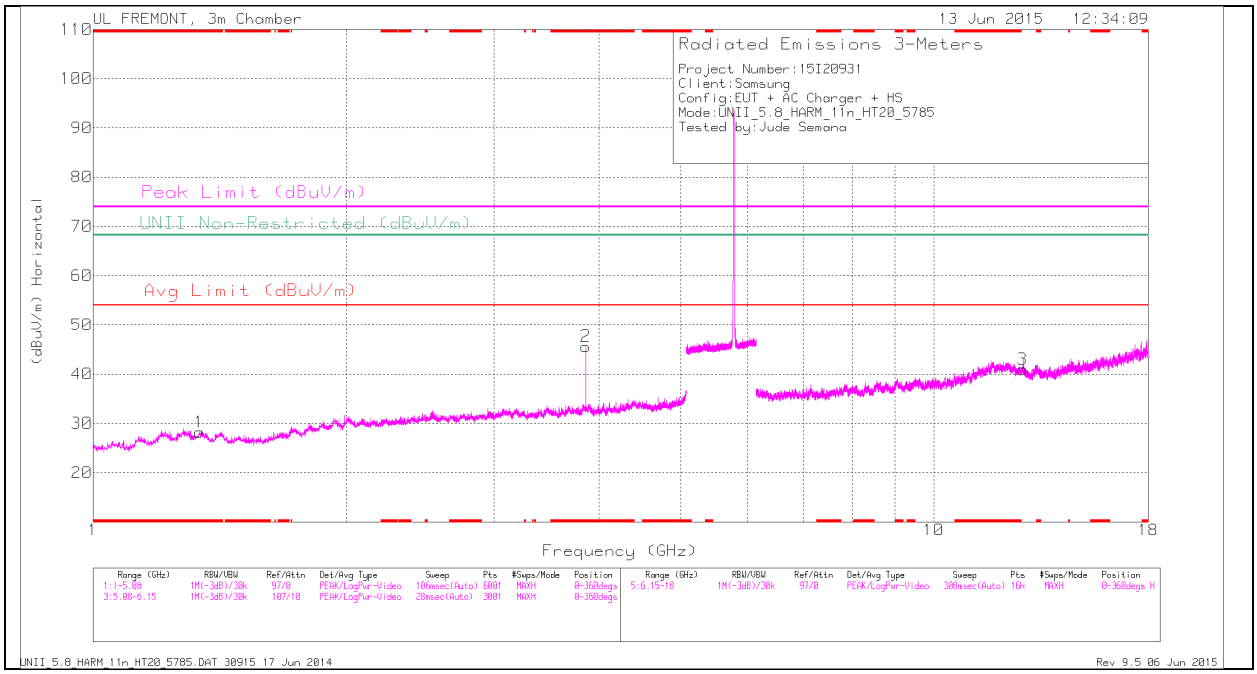
MID CHANNEL HORIZONTAL



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

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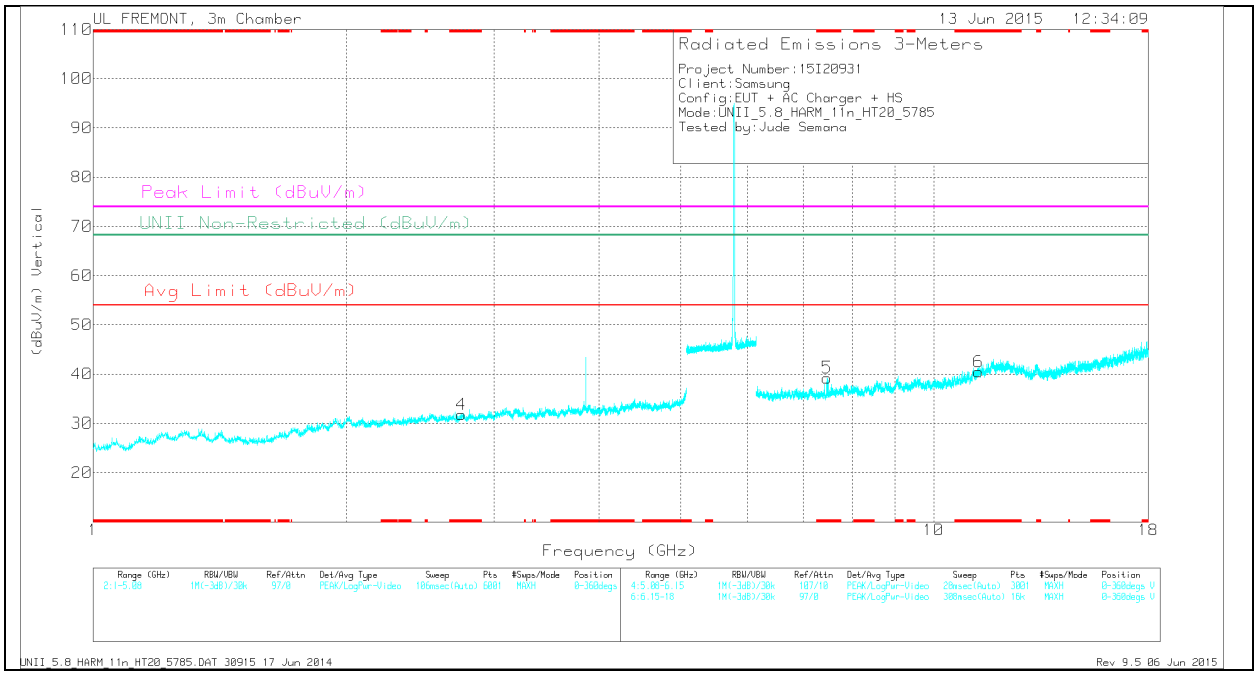
MID CHANNEL VERTICAL



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

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MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 1.339	31.58	Avg	29.4	-32.8	0	28.18	54	-25.82	-	-	-	-	0-360	100	H
2	* 3.857	42.71	Avg	33.1	-30.2	0	45.61	54	-8.39	-	-	-	-	0-360	200	H
4	* 2.744	30.87	Avg	32.4	-31.5	0	31.77	54	-22.23	-	-	-	-	0-360	100	V
5	* 7.467	31.03	Avg	35.7	-27.5	0	39.23	54	-14.77	-	-	-	-	0-360	200	V
6	* 11.309	25.37	Avg	38.1	-23	0	40.47	54	-13.53	-	-	-	-	0-360	100	V
3	12.752	26.66	Avg	39.1	-24.8	0	40.96	54	-13.04	-	-	-	-	0-360	100	H

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 1.337	42.13	PK3	29.4	-32.8	0	38.73	-	-	74	-35.27	68.2	-29.47	0	100	H
* 1.338	29.9	ADR	29.4	-32.8	0.32	26.82	54	-27.18	-	-	-	-	0	100	H
* 3.857	46.62	PK3	33.1	-30.2	0	49.52	-	-	74	-24.48	68.2	-18.68	354	200	H
* 3.857	41.94	ADR	33.1	-30.2	0.32	45.16	54	-8.84	-	-	-	-	354	200	H
* 2.743	40.86	PK3	32.4	-31.5	0	41.76	-	-	74	-32.24	68.2	-26.44	354	100	V
* 2.743	29.08	ADR	32.4	-31.5	0.32	30.3	54	-23.7	-		-	-	354	100	V
* 7.466	38.41	PK3	35.7	-27.5	0	46.61	-	-	74	-27.39	68.2	-21.59	354	200	V
* 7.468	26.88	ADR	35.7	-27.5	0.32	35.4	54	-18.6	-	-	-	-	354	200	V
* 11.308	36.18	PK3	38.1	-23	0	51.28	-	-	74	-22.72	68.2	-16.92	354	100	V
* 11.307	24.56	ADR	38.1	-23	0.32	39.98	54	-14.02	-	-	-	-	354	100	V
12.75	25.52	ADR	39.1	-24.8	0	39.82	-	-	74	-34.18	68.2	-28.38	354	100	H
12.751	37.13	PK3	39.1	-24.8	0.32	51.75	54	-2.25	-	-	-	-	354	100	H

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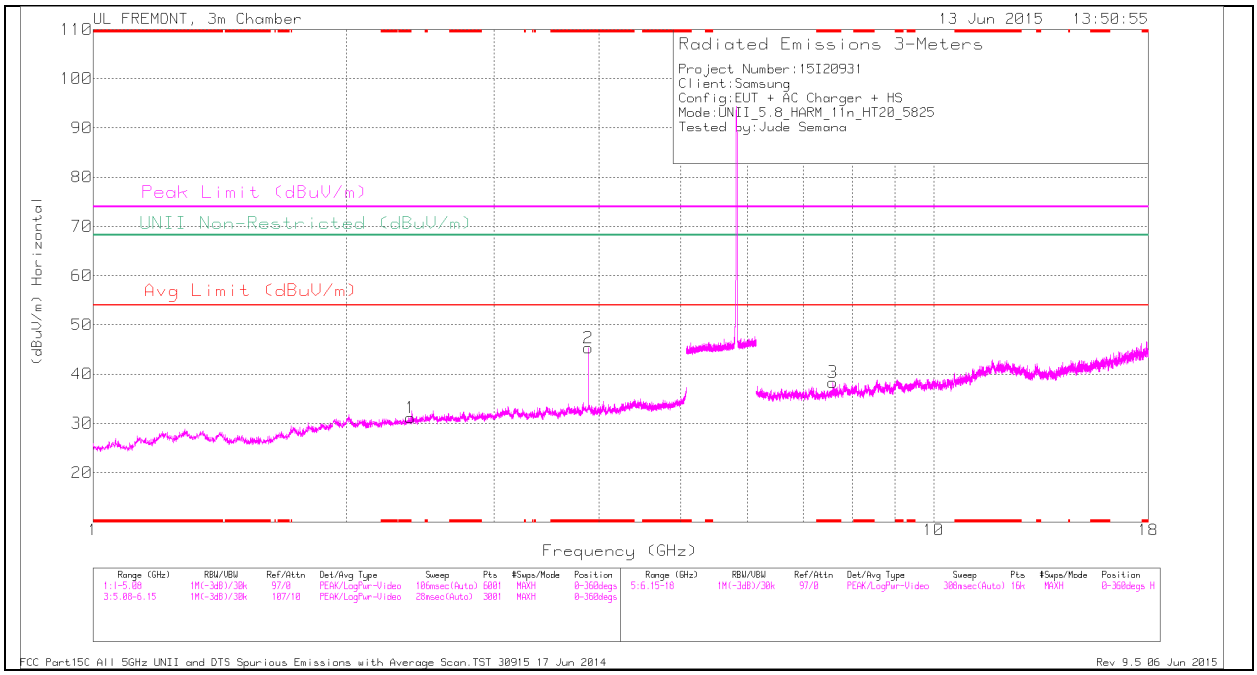
HIGH CHANNEL HORIZONTAL



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

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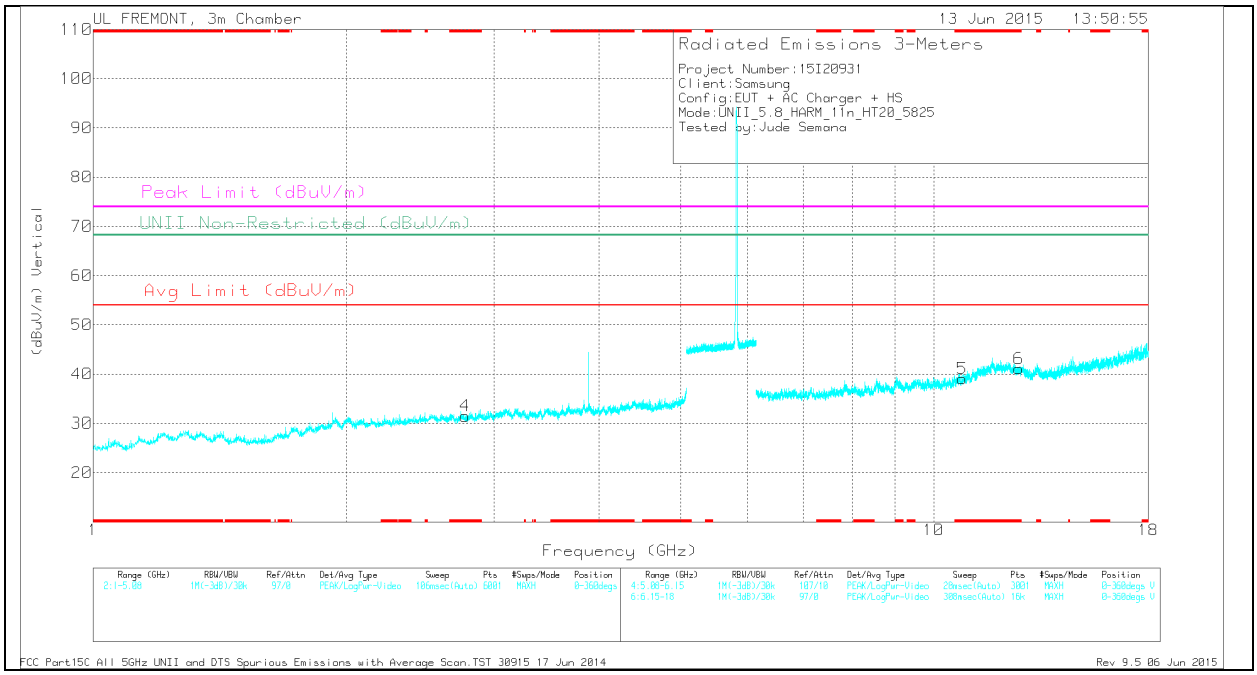
HIGH CHANNEL VERTICAL



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

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HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 2.387	31.11	Avg	32	-32	0	31.11	54	-22.89	-	-	-	-	0-360	200	H
2	* 3.883	41.99	Avg	33.2	-29.9	0	45.29	54	-8.71	-	-	-	-	0-360	200	H
4	* 2.769	30.59	Avg	32.5	-31.6	0	31.49	54	-22.51	-	-	-	-	0-360	100	V
3	* 7.581	30.22	Avg	35.7	-27.6	0	38.32	54	-15.68	-	-	-	-	0-360	200	H
5	* 10.816	24.96	Avg	37.9	-23.8	0	39.06	54	-14.94	-	-	-	-	0-360	100	V
6	* 12.624	27.59	Avg	39.1	-25.6	0	41.09	54	-12.91	-	-	-	-	0-360	100	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 2.387	41.09	PK3	32	-32	0	41.09	-	-	74	-32.91	68.2	-27.11	0	200	H
* 2.388	29.27	ADR	32	-32	0.32	29.59	54	-24.41	-	-	-	-	0	200	H
* 3.883	47.28	PK3	33.2	-29.9	0	50.58	-	-	74	-23.42	68.2	-17.62	1	253	H
* 3.883	42.72	ADR	33.2	-29.9	0.32	46.34	54	-7.66	-	-	-	-	1	253	H
* 2.77	40.58	PK3	32.5	-31.6	0	41.48	-	-	74	-32.52	68.2	-26.72	1	100	V
* 2.769	28.8	ADR	32.5	-31.6	0.32	30.02	54	-23.98	-		-	-	1	100	V
* 7.581	38.48	PK3	35.7	-27.6	0	46.58	-	-	74	-27.42	68.2	-21.62	1	200	H
* 7.579	26.81	ADR	35.7	-27.5	0.32	35.33	54	-18.67	-	-	-	-	1	200	H
* 10.817	36.01	PK3	37.9	-23.8	0	50.11	-	-	74	-23.89	68.2	-18.09	1	100	V
* 10.817	24.18	ADR	37.9	-23.8	0.32	38.6	54	-15.4	-	-	-	-	1	100	V
* 12.624	38.11	PK3	39.1	-25.6	0	51.61	-	-	74	-22.39	68.2	-16.59	1	100	V
* 12.623	26.33	ADR	39.1	-25.5	0.32	40.25	54	-13.75	-	-	-	-	1	100	V

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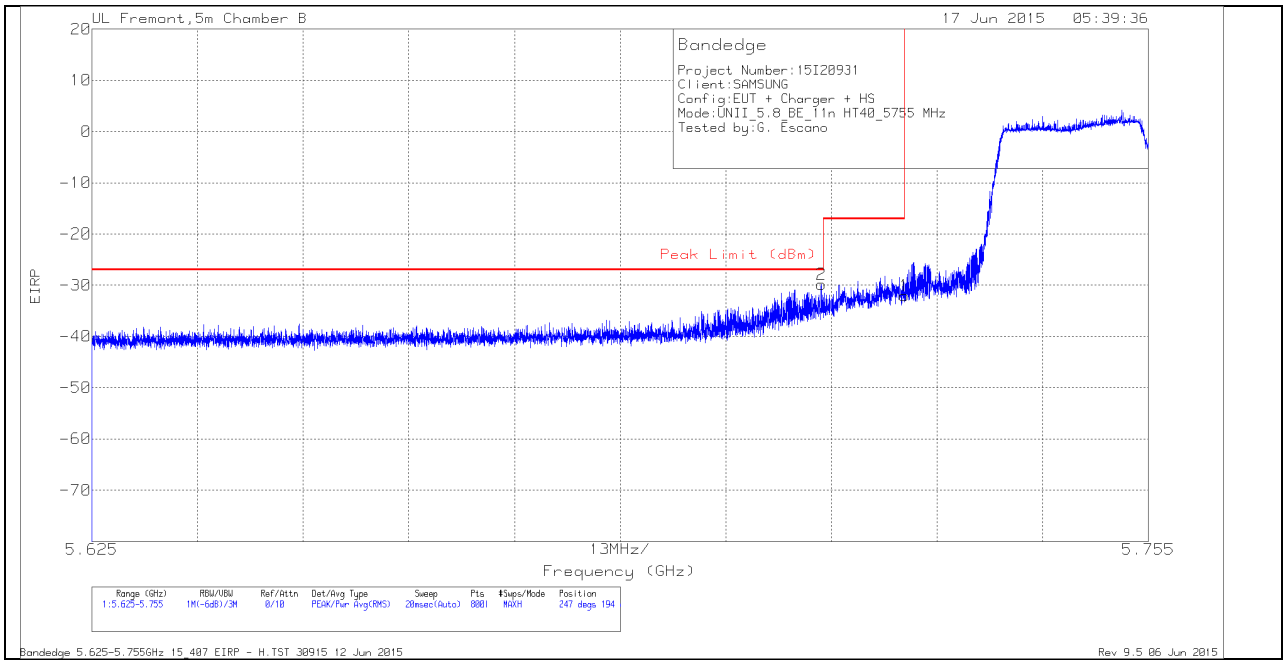
11.4.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-57.5	Pk	35	-19.1	11.8	-29.8	-27	-2.8	247	194	H
1	5.725	-59.7	Pk	35	-19.1	11.8	-32	-17	-15	247	194	H

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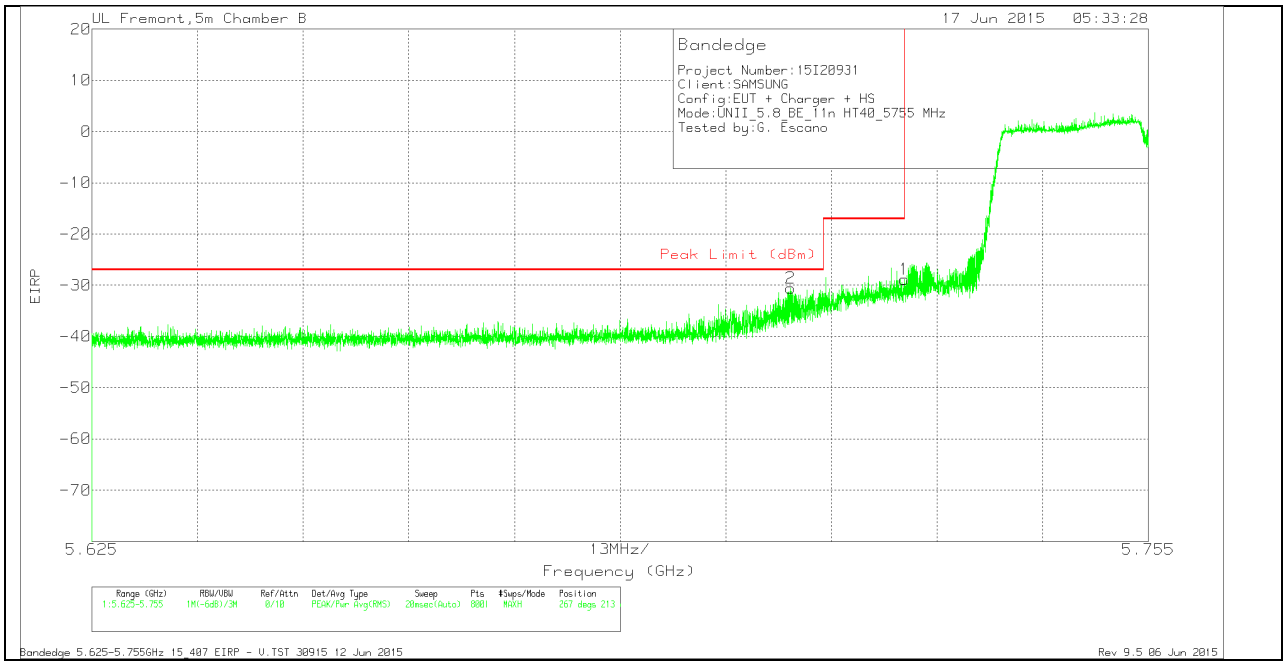
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.711	-58.26	Pk	35	-19.1	11.8	-30.56	-27	-3.56	267	213	V
1	5.725	-56.55	Pk	35	-19.1	11.8	-28.85	-17	-11.85	267	213	V

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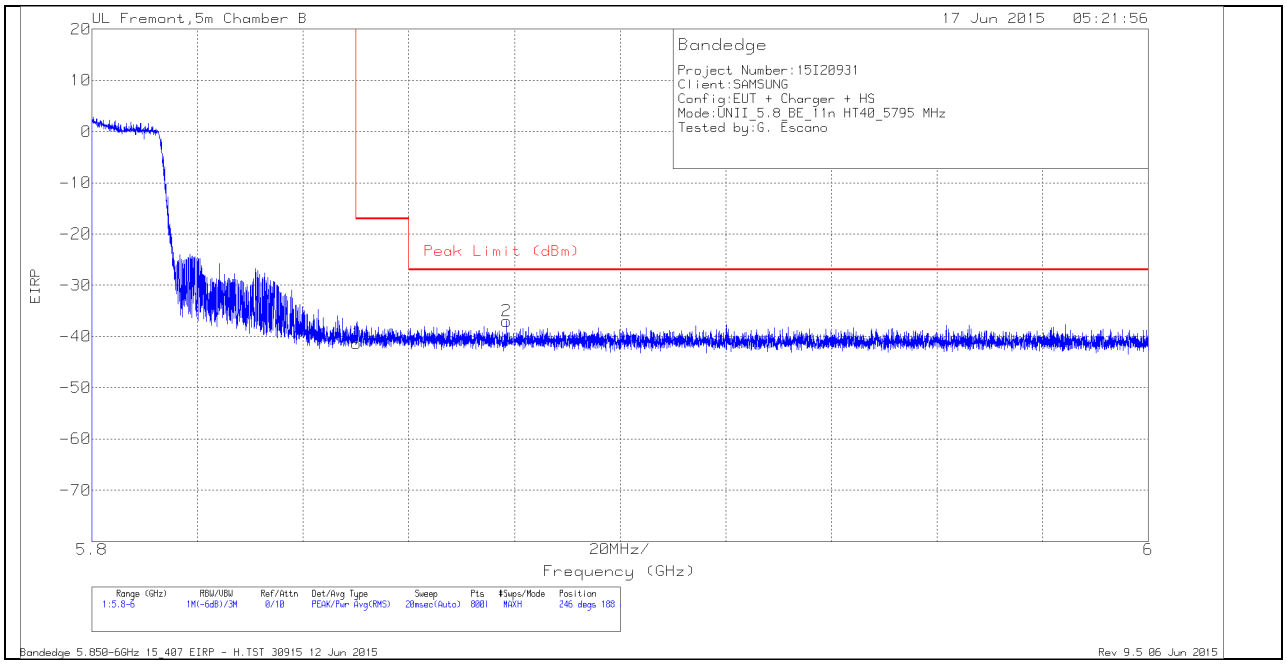
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.61	Pk	35.4	-18.9	11.8	-41.31	-17	-24.31	246	188	H
2	5.879	-65.41	Pk	35.5	-18.9	11.8	-37.01	-27	-10.01	246	188	H

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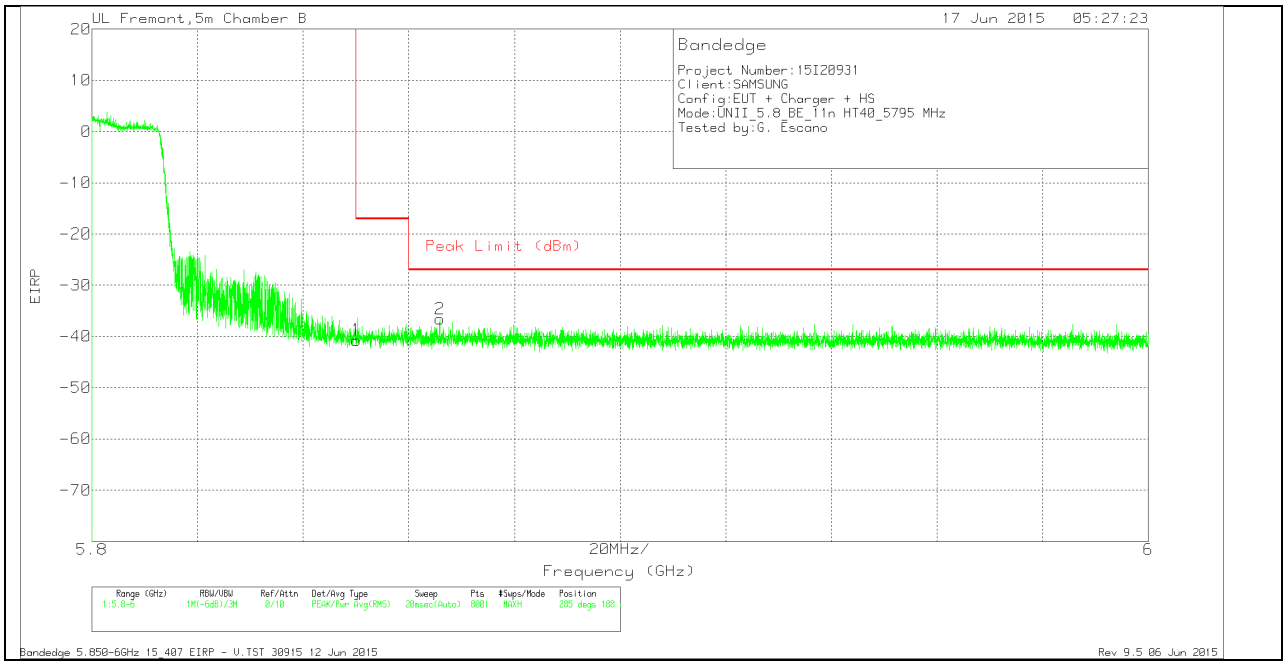
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69	Pk	35.4	-18.9	11.8	-40.7	-17	-23.7	285	188	V
2	5.866	-64.88	Pk	35.4	-18.9	11.8	-36.58	-27	-9.58	285	188	V

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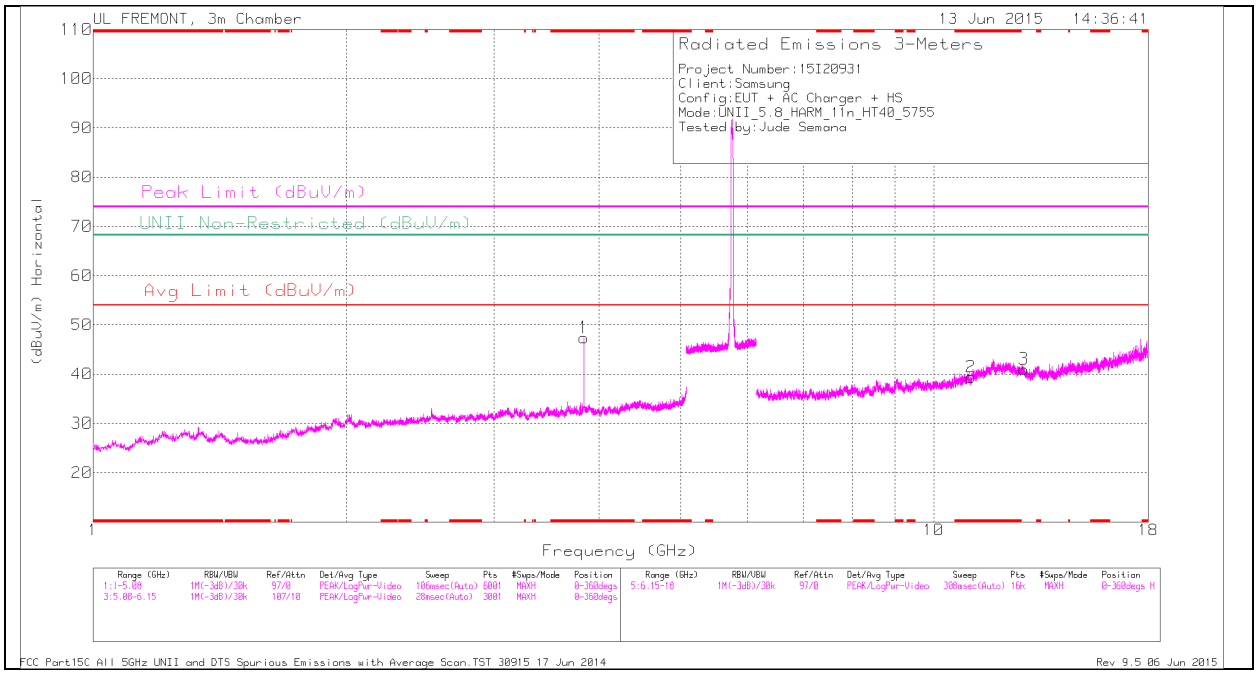
LOW CHANNEL HORIZONTAL



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

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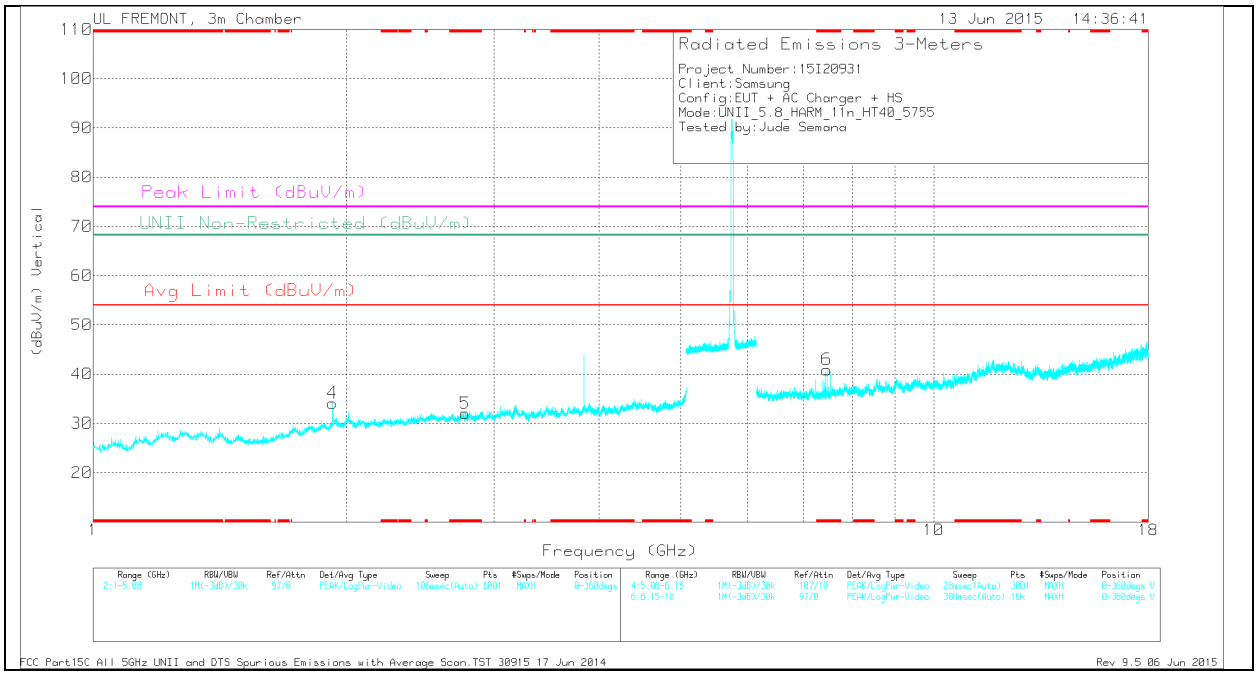
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 3.837	44.4	Avg	33.1	-30.1	0	47.4	54	-6.6	-	-	-	-	0-360	200	H
5	* 2.769	31.15	Avg	32.5	-31.6	0	32.05	54	-21.95	-	-	-	-	0-360	200	V
2	* 11.073	24.51	Avg	37.8	-22.9	0	39.41	54	-14.59	-	-	-	-	0-360	100	H
6	* 7.462	32.71	Avg	35.7	-27.5	0	40.91	54	-13.09	-	-	-	-	0-360	200	V
4	1.928	34.8	Avg	31.2	-31.9	0	34.1	54	-19.9	-	-	-	-	0-360	200	V
3	12.797	27.13	Avg	39.1	-25.2	0	41.03	54	-12.97	-	-	-	-	0-360	100	H

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 3.837	48.26	PK3	33.1	-30.1	0	51.26	-	-	74	-22.74	68.2	-16.94	1	200	H
* 3.837	43.57	ADR	33.1	-30.1	0.6	47.17	54	-6.83	-	-	-	-	1	200	H
* 2.768	40.61	PK3	32.5	-31.6	0	41.51	-	-	74	-32.49	68.2	-26.69	1	200	V
* 2.768	28.77	ADR	32.5	-31.6	0.6	30.27	54	-23.73	-	-	-	-	1	200	V
* 11.072	35.41	PK3	37.8	-22.8	0	50.41	-	-	74	-23.59	68.2	-17.79	1	100	H
* 11.072	23.69	ADR	37.8	-22.8	0.6	39.29	54	-14.71	-		-	-	1	100	H
* 7.46	38.44	PK3	35.7	-27.5	0	46.64	-	-	74	-27.36	68.2	-21.56	1	200	V
* 7.463	26.58	ADR	35.7	-27.5	0.6	35.38	54	-18.62	-	-	-	-	1	200	V
1.927	41.34	PK3	31.2	-31.9	0	40.64	-	-	74	-33.36	68.2	-27.56	1	200	V
1.929	29.34	ADR	31.2	-31.9	0.6	29.24	54	-24.76	-	-	-	-	1	200	V
12.795	37.21	PK3	39.1	-25.1	0	51.21	-	-	74	-22.79	68.2	-16.99	1	100	H
12.795	25.81	ADR	39.1	-25.2	0.6	40.31	54	-13.69	-	-	-	-	1	100	H

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

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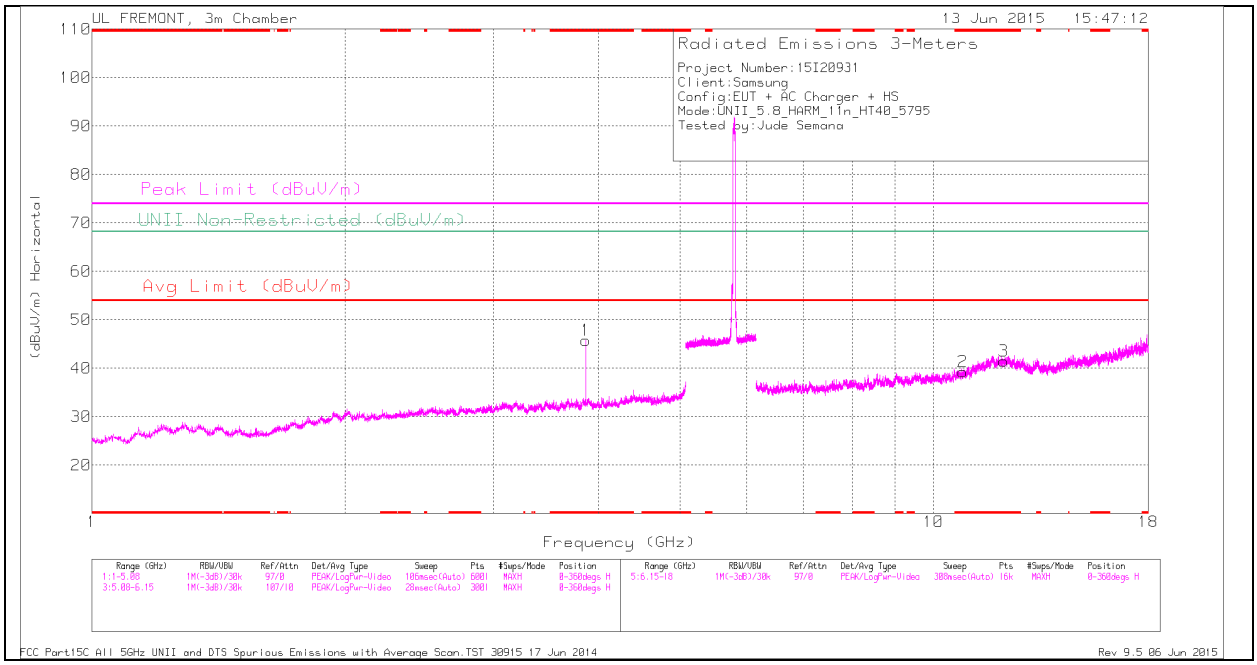
HIGH CHANNEL HORIZONTAL



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

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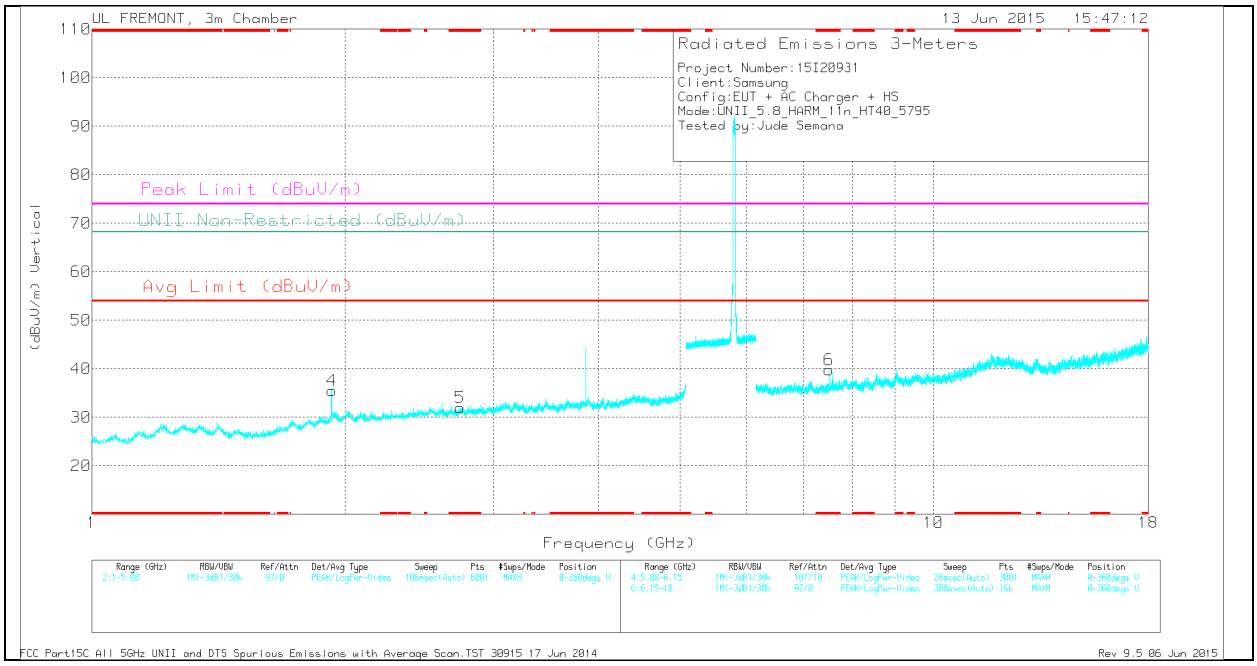
HIGH CHANNEL VERTICAL



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

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HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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	* 3.863	42.88	Avg	33.1	-30.2	0	45.78	54	-8.22	-	-	-	-	0-360	200	H
5	* 2.74	31.12	Avg	32.4	-31.5	0	32.02	54	-21.98	-	-	-	-	0-360	200	V
2	* 10.833	25.3	Avg	37.9	-23.9	0	39.3	54	-14.7	-	-	-	-	0-360	100	H
3	* 12.114	26.91	Avg	39	-24.4	0	41.51	54	-12.49	-	-	-	-	0-360	100	H
6	* 7.519	32.01	Avg	35.7	-27.9	0	39.81	54	-14.19	-	-	-	-	0-360	200	V
4	1.928	36.25	Avg	31.2	-31.9	0	35.55	54	-18.45	-	-	-	-	0-360	100	V

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 3.864	47.28	PK3	33.1	-30.2	0	50.18	-	-	74	-23.82	68.2	-18.02	344	200	H
* 3.863	42.3	ADR	33.1	-30.2	0.6	45.8	54	-8.2	-	-	-	-	344	200	H
* 2.741	40.91	PK3	32.4	-31.5	0	41.81	-	-	74	-32.19	68.2	-26.39	344	200	V
* 2.74	29.16	ADR	32.4	-31.5	0.6	30.66	54	-23.34	-	-	-	-	344	200	V
* 10.834	35.54	PK3	37.9	-23.8	0	49.64	-	-	74	-24.36	68.2	-18.56	344	100	H
* 10.834	23.99	ADR	37.9	-23.8	0.6	38.69	54	-15.31	-		-	-	344	100	H
* 12.112	37.22	PK3	39	-24.4	0	51.82	-	-	74	-22.18	68.2	-16.38	344	100	H
* 12.112	25.46	ADR	39	-24.4	0.6	40.66	54	-13.34	-	-	-	-	344	100	H
* 7.52	38.98	PK3	35.7	-27.9	0	46.78	-	-	74	-27.22	68.2	-21.42	344	200	V
* 7.517	27.16	ADR	35.7	-27.9	0.6	35.56	54	-18.44	-	-	-	-	344	200	V
1.929	29.36	ADR	31.2	-31.9	0	28.66	-	-	74	-45.34	68.2	-39.54	344	100	V
1.93	41.36	PK3	31.2	-31.9	0.6	41.26	54	-12.74	-	-	-	-	344	100	V

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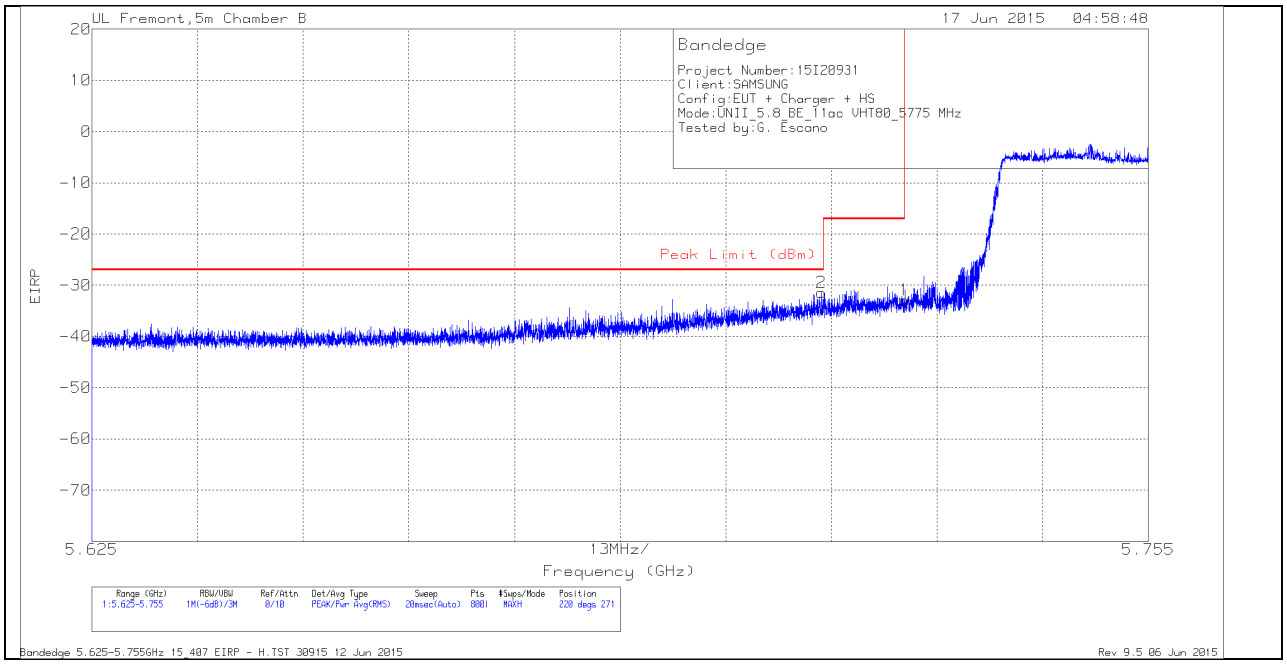
11.4.4. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.8 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-59.15	Pk	35	-19.1	11.8	-31.45	-27	-4.45	220	271	H
1	5.725	-60.56	Pk	35	-19.1	11.8	-32.86	-17	-15.86	220	271	H

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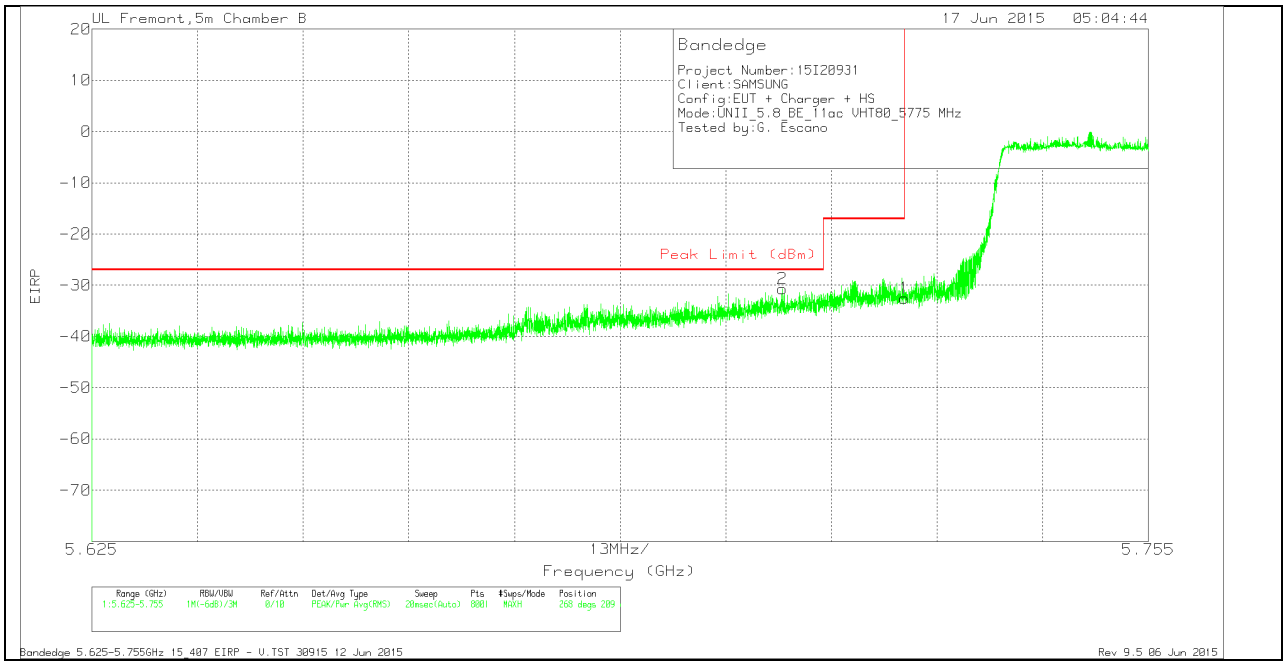
VERTICAL PEAK PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.71	-58.37	Pk	35	-19.1	11.8	-30.67	-27	-3.67	268	209	V
1	5.725	-60.26	Pk	35	-19.1	11.8	-32.56	-17	-15.56	268	209	V

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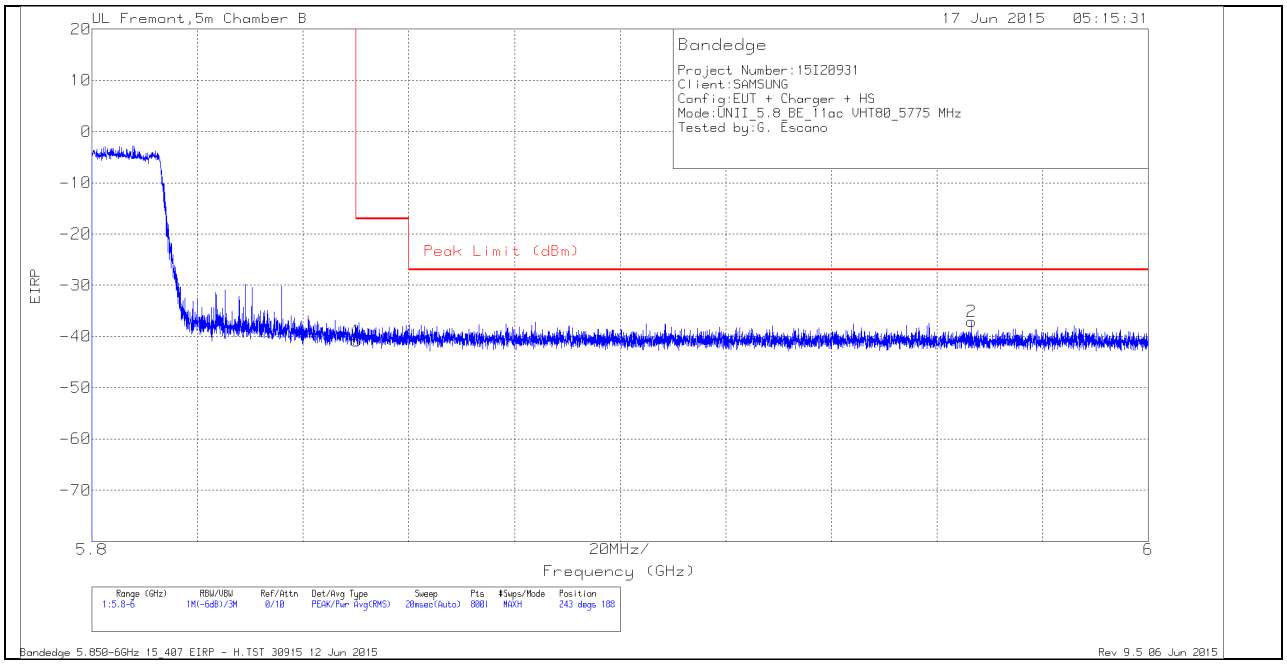
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.18	Pk	35.4	-18.9	11.8	-40.88	-17	-23.88	243	188	H
2	5.967	-65.58	Pk	35.6	-18.9	11.8	-37.08	-27	-10.08	243	188	H

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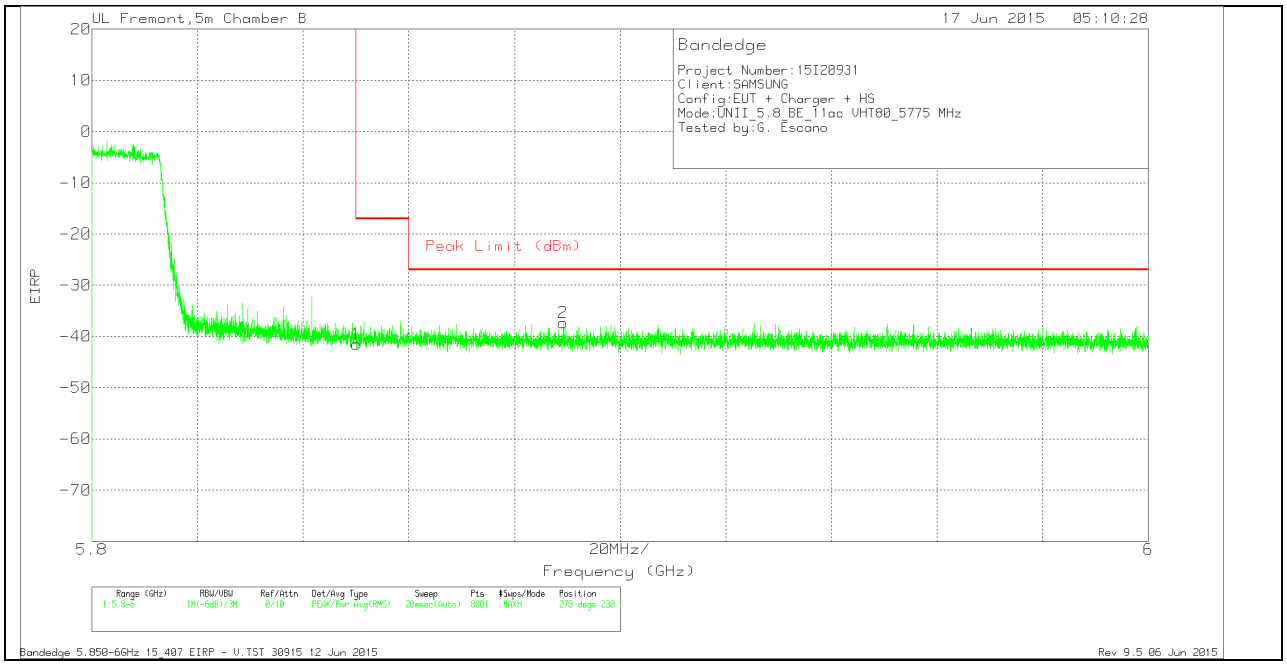
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.78	Pk	35.4	-18.9	11.8	-41.48	-17	-24.48	278	230	V
2	5.889	-65.82	Pk	35.5	-18.8	11.8	-37.32	-27	-10.32	278	230	V

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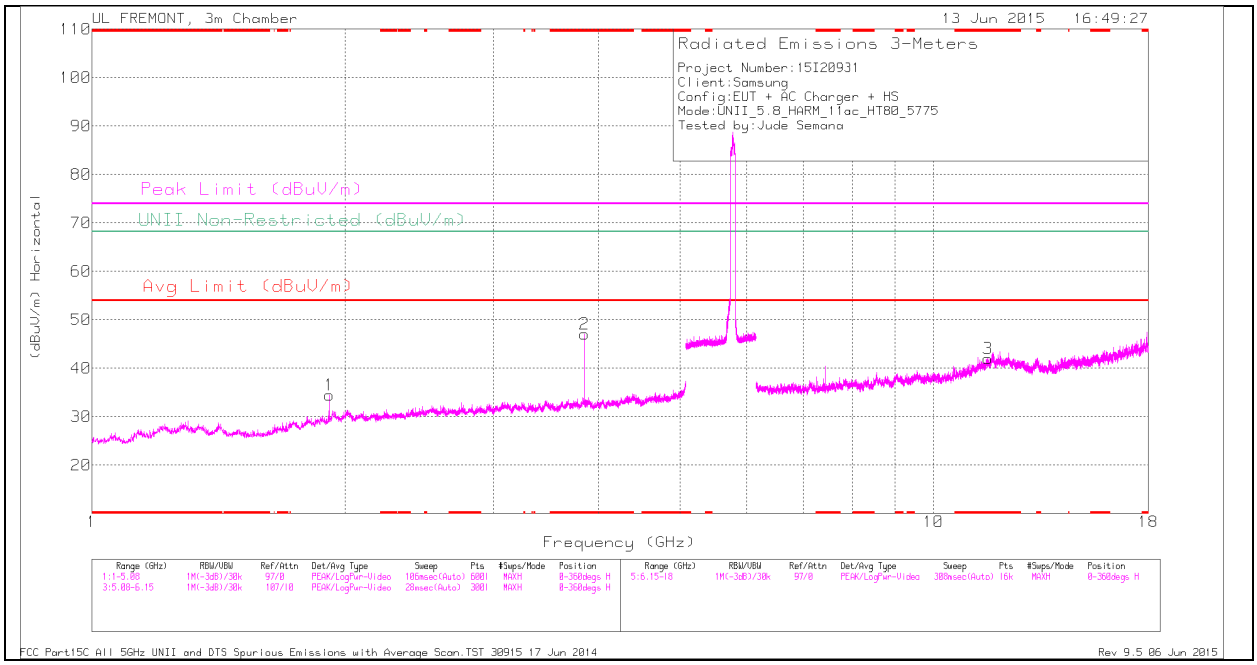
LOW CHANNEL HORIZONTAL



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

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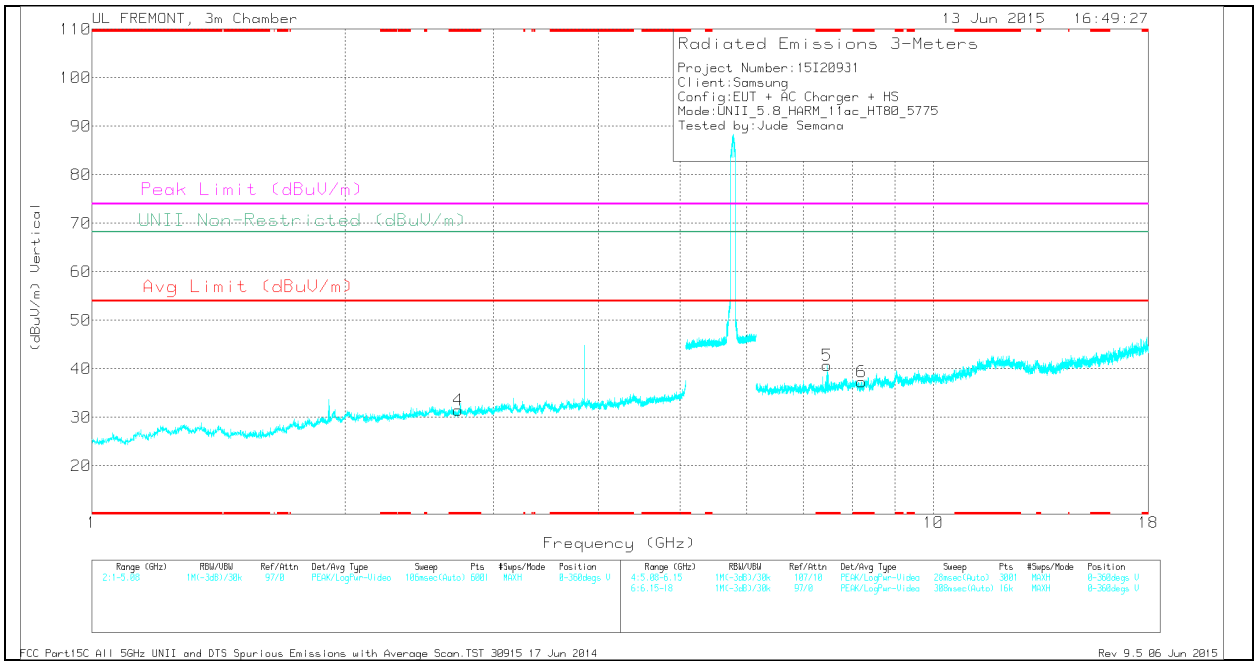
LOW CHANNEL VERTICAL



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

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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	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
2	* 3.85	44.12	Avg	33.1	-30.1	0	47.12	54	-6.88	-	-	-	-	0-360	200	H
4	* 2.727	30.7	Avg	32.4	-31.6	0	31.5	54	-22.5	-	-	-	-	0-360	100	V
3	* 11.604	26.08	Avg	38.6	-22.7	0	41.98	54	-12.02	-	-	-	-	0-360	200	H
5	* 7.48	32.77	Avg	35.7	-27.8	0	40.67	54	-13.33	-	-	-	-	0-360	200	V
6	* 8.218	29.38	Avg	35.8	-27.8	0	37.38	54	-16.62	-	-	-	-	0-360	200	V
1	1.915	35.4	Avg	31.2	-32.1	0	34.5	54	-19.5	-	-	-	-	0-360	100	H

PK - Peak detector

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	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
* 3.85	46.1	PK3	33.1	-30.1	0	49.1	-	-	74	-24.9	68.2	-19.1	346	100	H
* 3.85	40.64	ADR	33.1	-30.1	1.16	44.8	54	-9.2	-	-	-	-	346	100	H
* 2.725	40.53	PK3	32.4	-31.6	0	41.33	-	-	74	-32.67	68.2	-26.87	346	100	V
* 2.725	28.7	ADR	32.4	-31.6	1.16	30.66	54	-23.34	-	-	-	-	346	100	V
* 11.604	36.15	PK3	38.6	-22.7	0	52.05	-	-	74	-21.95	68.2	-16.15	346	200	H
* 11.604	24.49	ADR	38.6	-22.7	1.16	41.55	54	-12.45	-		-	-	346	200	H
* 7.479	38.78	PK3	35.7	-27.8	0	46.68	-	-	74	-27.32	68.2	-21.52	346	200	V
* 7.478	26.93	ADR	35.7	-27.7	1.16	36.09	54	-17.91	-	-	-	-	346	200	V
* 8.219	38.71	PK3	35.8	-27.8	0	46.71	-	-	74	-27.29	68.2	-21.49	346	200	V
* 8.219	27.08	ADR	35.8	-27.8	1.16	36.24	54	-17.76	-	-	-	-	346	200	V
1.914	40.61	PK3	31.2	-32.1	0	39.71	-	-	74	-34.29	68.2	-28.49	266	261	V
1.913	28.75	ADR	31.2	-30.3	1.16	30.81	54	-23.19	-	-	-	-	266	261	V

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

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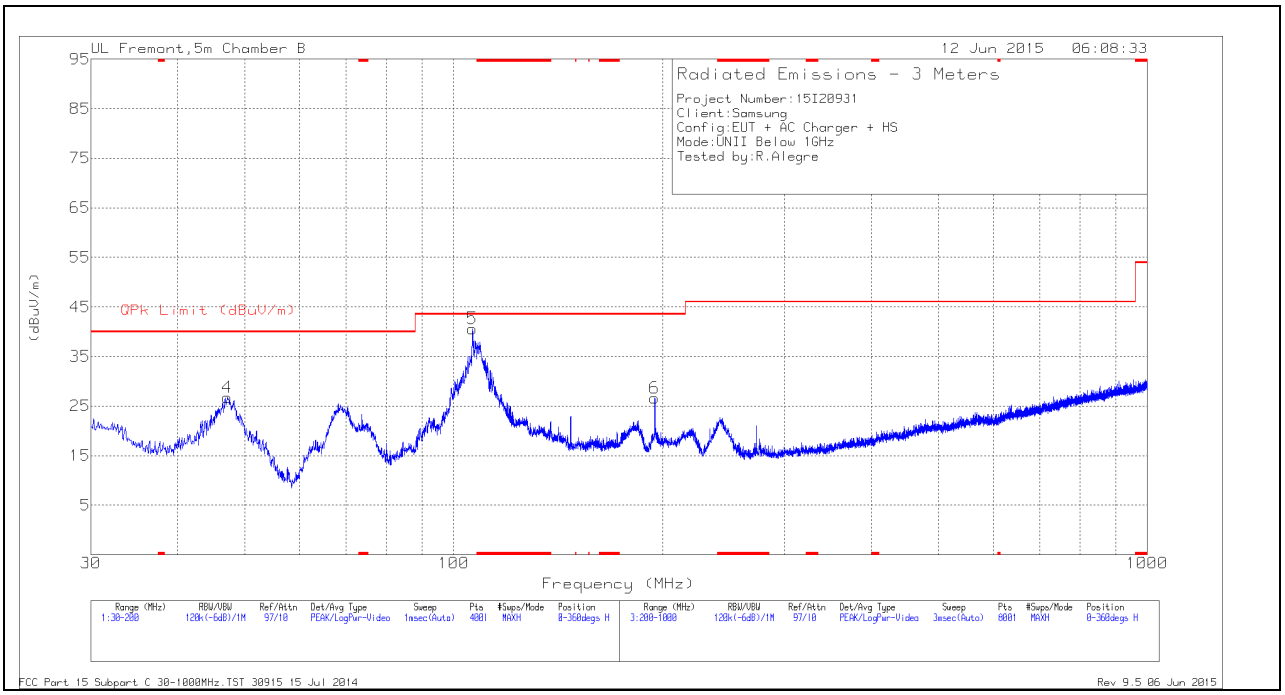
12. WORST-CASE BELOW 1 GHz (in the 5.3 GHz Band)

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



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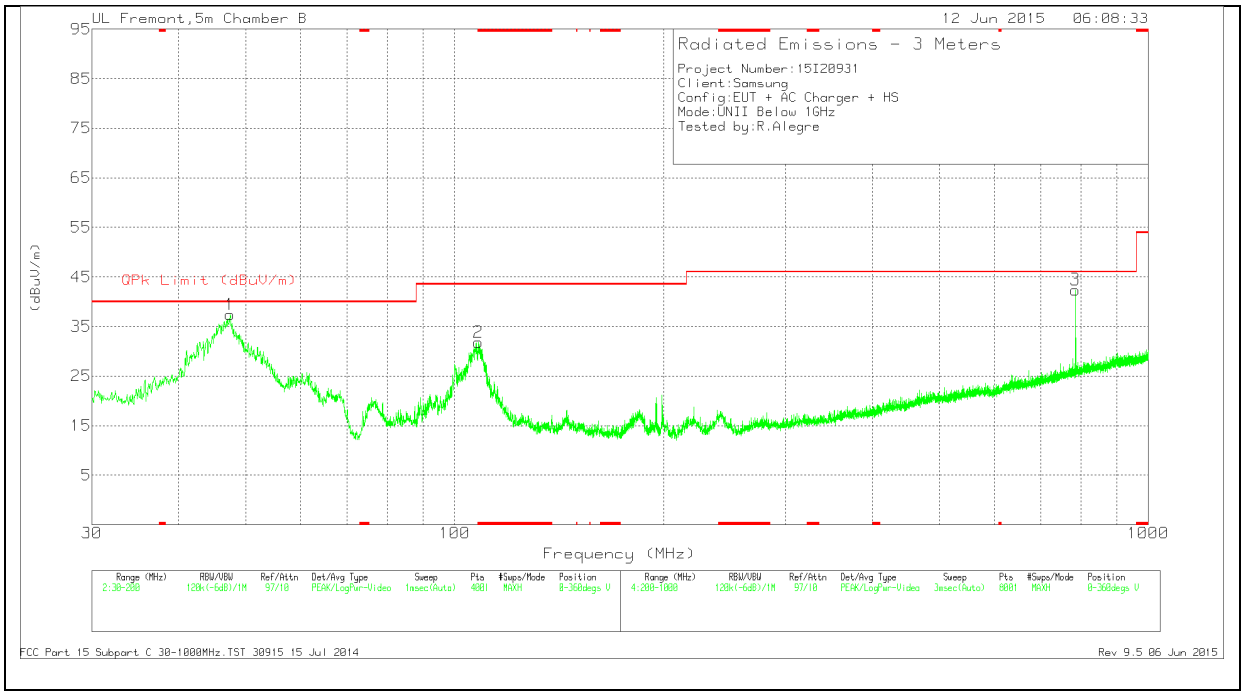
SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)



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Below 1G Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T243 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 108.285	47.43	Pk	12.3	-27.9	31.83	43.52	-11.69	0-360	101	V
4	47.17	45.84	Pk	9.4	-28.5	26.74	40	-13.26	0-360	399	H
1	47.4675	56.73	Pk	9.3	-28.6	37.43	40	-2.57	0-360	101	V
5	106.4575	56.64	Pk	11.9	-27.9	40.64	43.52	-2.88	0-360	299	H
6	194.985	41.43	Pk	12.1	-26.9	26.63	43.52	-16.89	0-360	100	H
3	785.3	44.62	Pk	21.4	-23.6	42.42	46.02	-3.6	0-360	299	V

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

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF T243 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
47.5546	50.41	Qp	9.2	-28.6	31.01	40	-8.99	356	105	V
106.48	47.31	Qp	11.9	-27.9	31.31	43.52	-12.21	119	295	H

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13. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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

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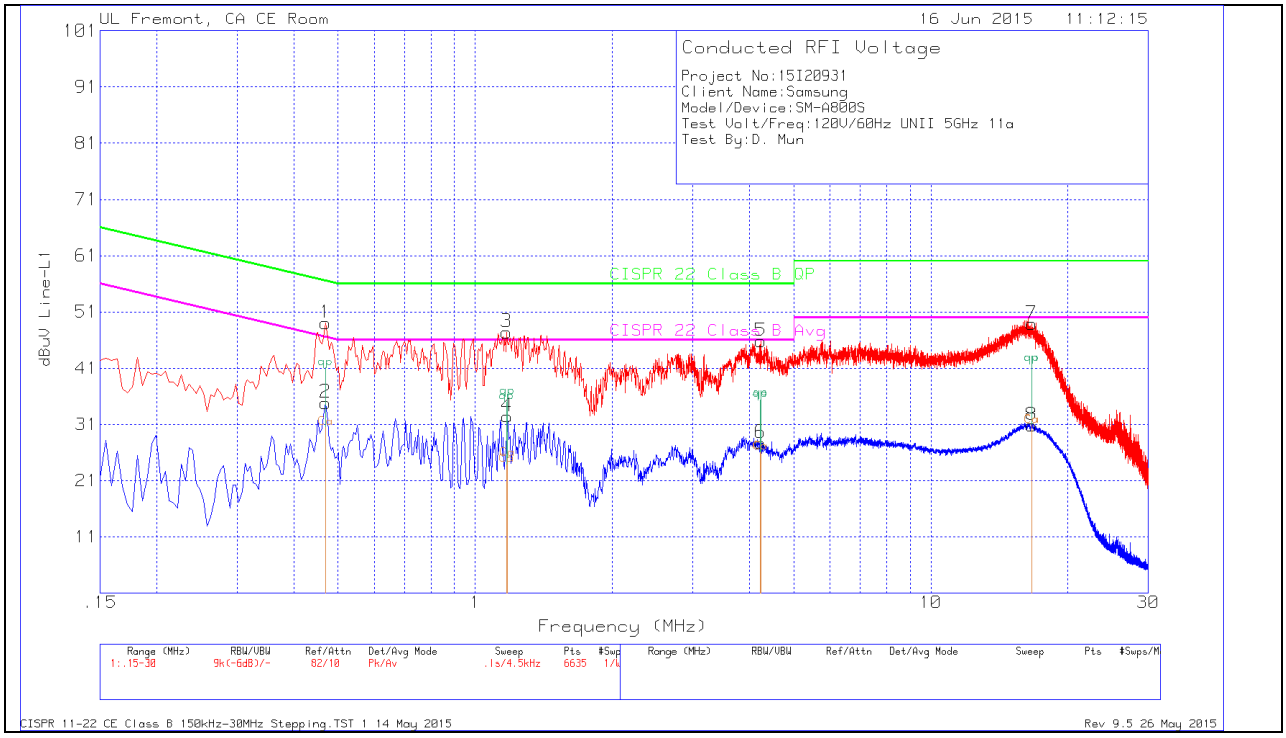
6 WORST EMISSIONS

LINE 1 PLOT



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LINE 1 RESULTS

Range 1: Line-L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
.46928	30.02	Ca	.4	0	30.42	-	-	46.53	-16.11
1.17218	23.54	Ca	.2	.1	23.84	-	-	46	-22.16
1.17713	24.69	Ca	.2	0	24.89	-	-	46	-21.11
4.23218	25.79	Ca	.2	.1	26.09	-	-	46	-19.91
4.22813	25.7	Ca	.2	.1	26	-	-	46	-20
16.6558	30.23	Ca	.3	.2	30.73	-	-	50	-19.27
16.6436	30.3	Ca	.3	.2	30.8	-	-	50	-19.2

Ca - CISPR average detection

Range 1: Line-L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
.46928	40.65	Qp	.4	0	41.05	56.53	-15.48	-	-
1.17218	34.68	Qp	.2	.1	34.98	56	-21.02	-	-
1.17713	35.73	Qp	.2	0	35.93	56	-20.07	-	-
4.23218	35.3	Qp	.2	.1	35.6	56	-20.4	-	-
4.22813	35.06	Qp	.2	.1	35.36	56	-20.64	-	-
16.6558	41.32	Qp	.3	.2	41.82	60	-18.18	-	-
16.6436	41.27	Qp	.3	.2	41.77	60	-18.23	-	-

Qp - Quasi-Peak detector

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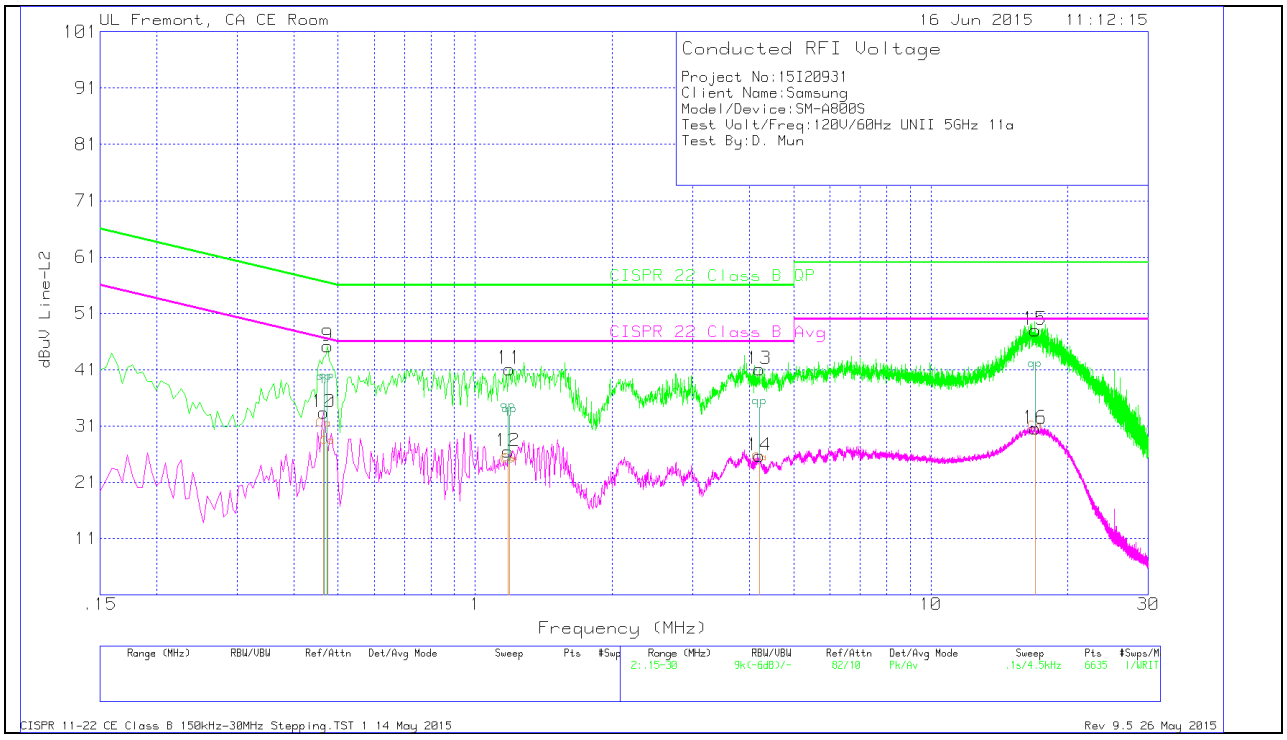
LINE 2 PLOT



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LINE 2 RESULTS

Range 2: Line-L2 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
.47288	26.88	Ca	.4	0	27.28	-	-	46.46	-19.18
.46613	29.98	Ca	.4	0	30.38	-	-	46.58	-16.2
1.19018	23.78	Ca	.3	.1	24.18	-	-	46	-21.82
1.18028	23.73	Ca	.3	0	24.03	-	-	46	-21.97
4.21013	24.04	Ca	.2	.1	24.34	-	-	46	-21.66
16.9474	29.46	Ca	.3	.2	29.96	-	-	50	-20.04

Ca - CISPR average detection

Range 2: Line-L2 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
.47288	38.51	Qp	.4	0	38.91	56.46	-17.55	-	-
.46613	38.31	Qp	.4	0	38.71	56.58	-17.87	-	-
1.19018	32.53	Qp	.3	.1	32.93	56	-23.07	-	-
1.18028	33.36	Qp	.3	0	33.66	56	-22.34	-	-
4.21013	34.06	Qp	.2	.1	34.36	56	-21.64	-	-
16.9474	40.48	Qp	.3	.2	40.98	60	-19.02	-	-

Qp - Quasi-Peak detector

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