

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/CM/Ftr/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.25	41.8	Pk	29.1	-34.3	0	36.6	-	-	74	-37.4	-	-	0-360	101	H
2	* 5	43.79	Pk	34.1	-27.5	0	50.39	-	-	74	-23.61	-	-	0-360	200	V
3	7.013	41.92	Pk	35.4	-24.9	0	52.42	-	-	-	-	68.2	-15.78	0-360	199	H
5	7.013	43.09	Pk	35.4	-24.9	0	53.59	-	-	-	-	68.2	-14.61	0-360	200	V
4	10.52	35.52	Pk	37.6	-20.6	0	52.52	-	-	-	-	68.2	-15.68	0-360	199	H
6	10.52	35.27	Pk	37.6	-20.6	0	52.27	-	-	-	-	68.2	-15.93	0-360	101	V

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

Pk - Peak detector

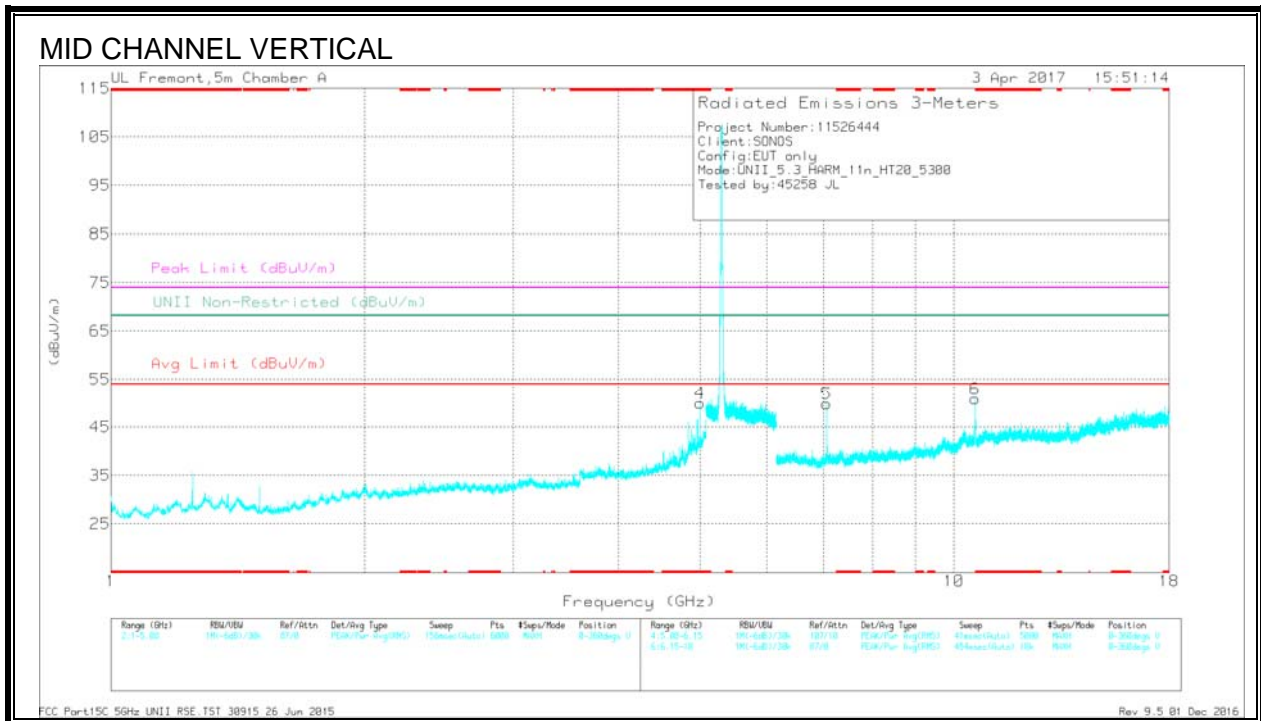
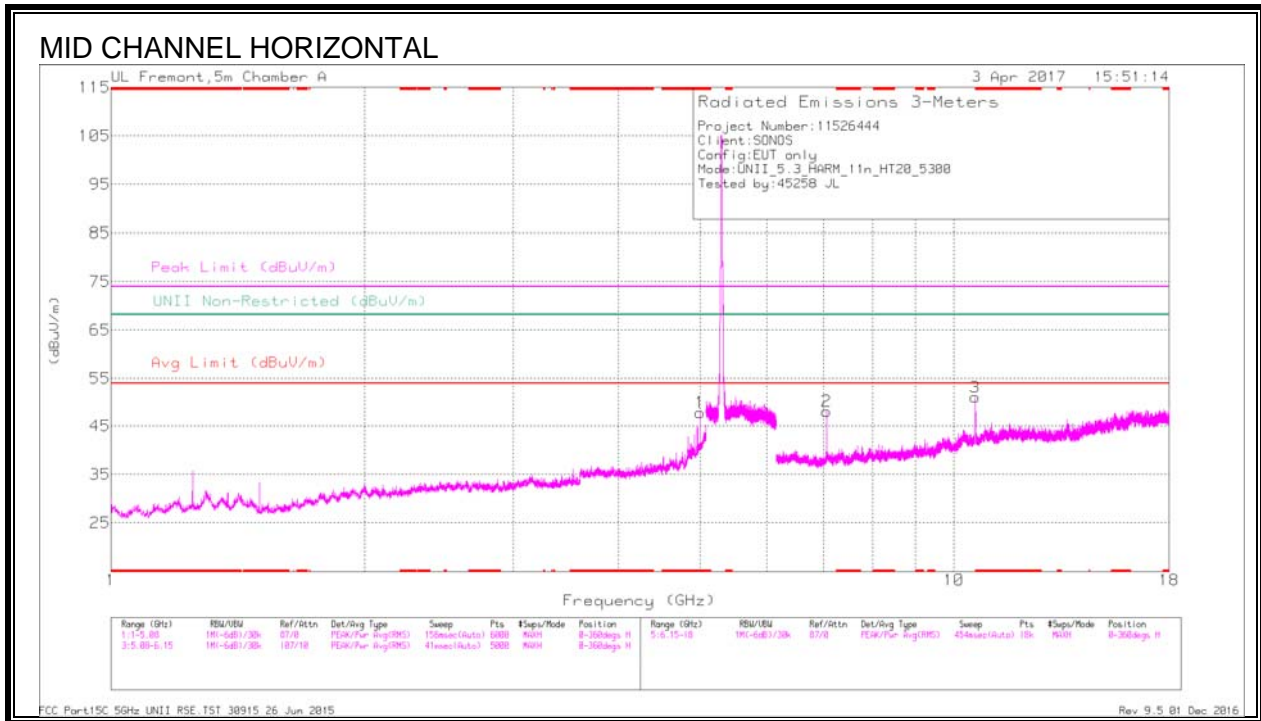
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/CM/Ftr/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)	Altitude (Degs)	Height (cm)	Polarity
* 1.25	45.33	PK-U	29.1	-34.3	0	40.13	-	-	74	-33.87	-	-	220	203	H
* 1.25	38.2	ADR	29.1	-34.3	.37	33.37	54	-20.63	-	-	-	-	220	203	H
* 5	49.51	PK-U	34.1	-27.5	0	56.11	-	-	74	-17.89	-	-	215	189	V
* 5	42.18	ADR	34.1	-27.5	.37	49.15	54	-4.85	-	-	-	-	215	189	V
7.013	44.66	PK-U	35.4	-24.9	0	55.16	-	-	-	-	68.2	-13.04	130	270	H
7.013	42.33	PK-U	35.4	-24.8	0	52.93	-	-	-	-	68.2	-15.27	-	230	V
10.52	40.47	PK-U	37.6	-20.6	0	57.47	-	-	-	-	68.2	-10.73	-	330	H
10.52	40.32	PK-U	37.6	-20.6	0	57.32	-	-	-	-	68.2	-10.88	-	255	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Trace Markers

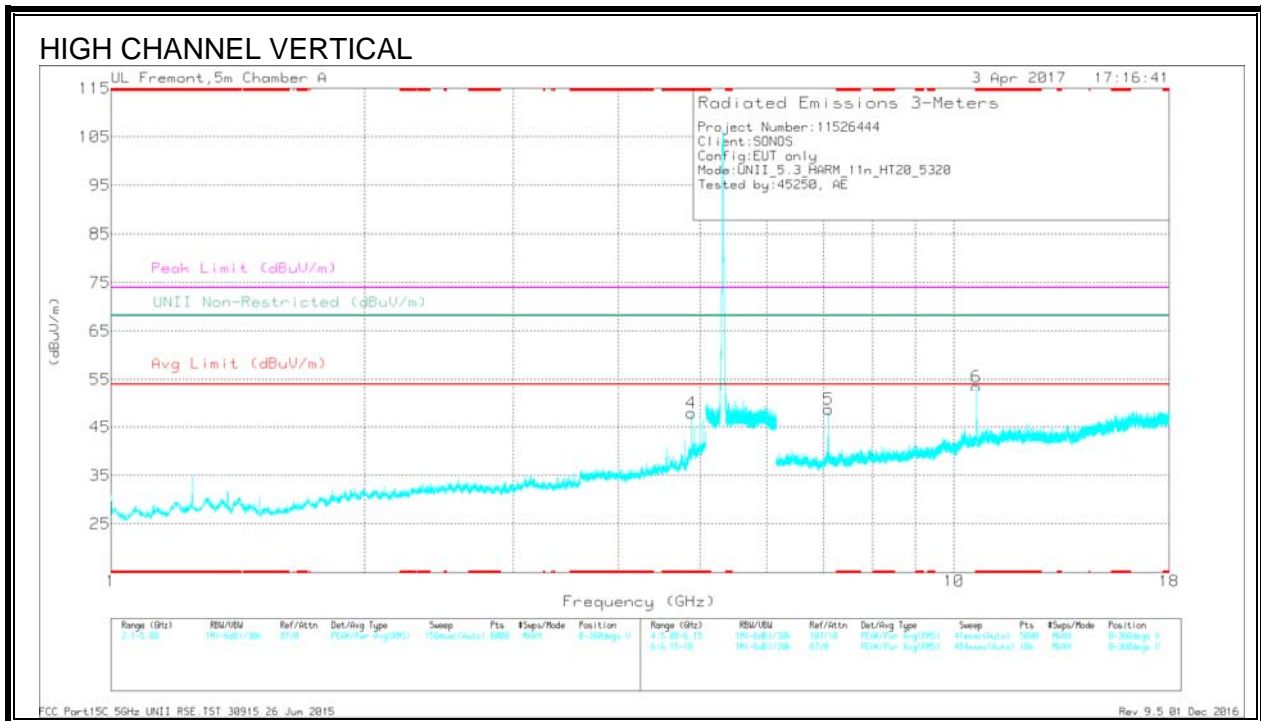
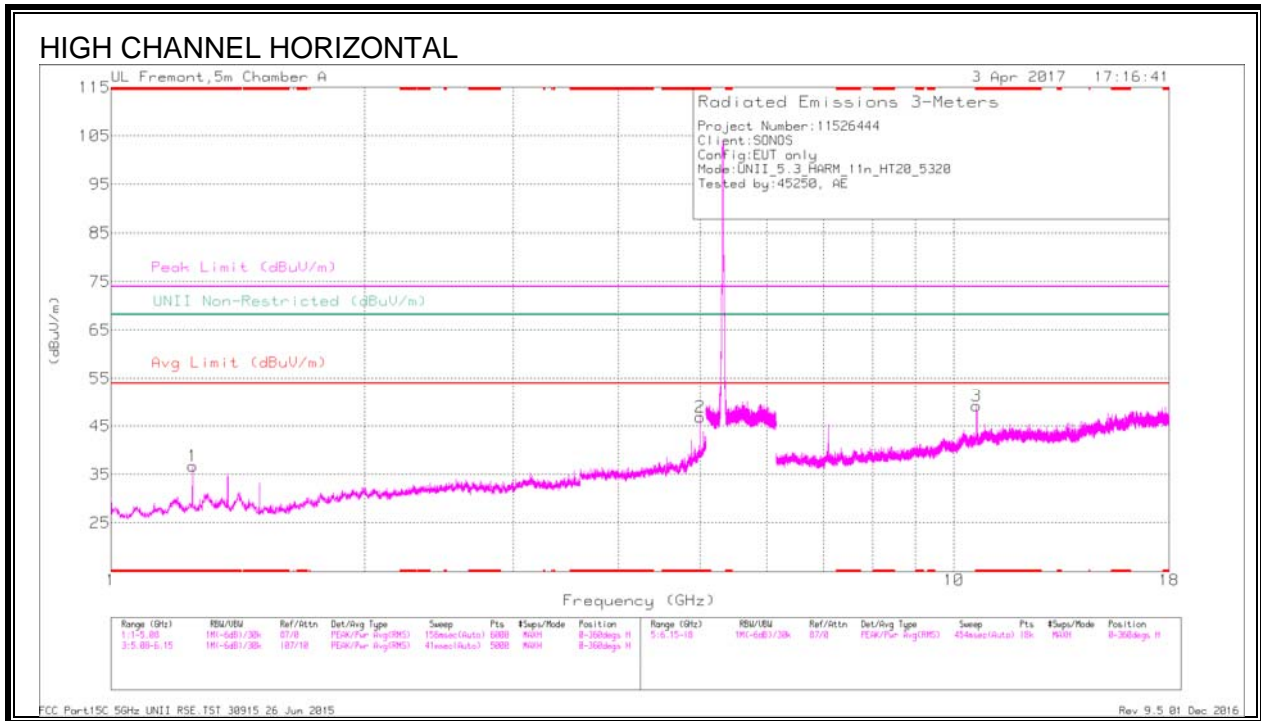
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/CM/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5	41.18	Pk	34.1	-27.5	0	47.78	-	-	74	-26.22	-	-	0-360	101	H
4	* 5	43.38	Pk	34.1	-27.5	0	49.98	-	-	74	-24.02	-	-	0-360	200	V
2	7.066	35.96	Pk	35.4	-23.3	0	48.06	-	-	-	-	68.2	-20.14	0-360	199	H
5	7.066	37.71	Pk	35.4	-23.3	0	49.81	-	-	-	-	68.2	-18.39	0-360	200	V
3	10.599	33.6	Pk	37.8	-20.4	0	51	-	-	-	-	68.2	-17.2	0-360	101	H
6	10.6	33.47	Pk	37.8	-20.4	0	50.87	-	-	-	-	68.2	-17.33	0-360	200	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/CM/Ftr/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
* 5	45.79	PK-U	34.1	-27.5	0	52.39	-	-	74	-21.61	-	-	237	101	H
* 5	39.38	ADR	34.1	-27.5	-37	46.35	54	-7.65	-	-	-	-	237	101	H
* 5	47.73	PK-U	34.1	-27.5	0	54.33	-	-	74	-19.67	-	-	223	187	V
* 5	39.99	ADR	34.1	-27.5	-37	46.96	54	-7.04	-	-	-	-	223	187	V
7.067	40.24	PK-U	35.4	-23.3	0	52.34	-	-	-	-	68.2	-15.86	128	287	H
7.067	40.54	PK-U	35.4	-23.3	0	52.64	-	-	-	-	68.2	-15.56	19	206	V
10.6	40.28	PK-U	37.8	-20.4	0	57.68	-	-	-	-	68.2	-10.52	322	104	H
10.6	39.42	PK-U	37.8	-20.4	0	56.82	-	-	-	-	68.2	-11.38	195	271	V

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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/CM/Hz/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	* 1.25	41.92	Pk	29.1	-34.3	0	36.72	-	-	74	-37.28	-	-	0-360	101	H
2	* 5	40.32	Pk	34.1	-27.5	0	46.92	-	-	74	-27.08	-	-	0-360	101	H
4	* 4.88	41.95	Pk	34	-28	0	47.95	-	-	74	-26.05	-	-	0-360	200	V
3	* 10.639	31.97	Pk	37.8	-20.6	0	49.17	-	-	74	-24.83	-	-	0-360	101	H
6	* 10.64	36.3	Pk	37.8	-20.6	0	53.5	-	-	74	-20.5	-	-	0-360	200	V
5	7.093	37.04	Pk	35.4	-23.8	0	48.64	-	-	-	-	68.2	-19.56	0-360	101	V

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

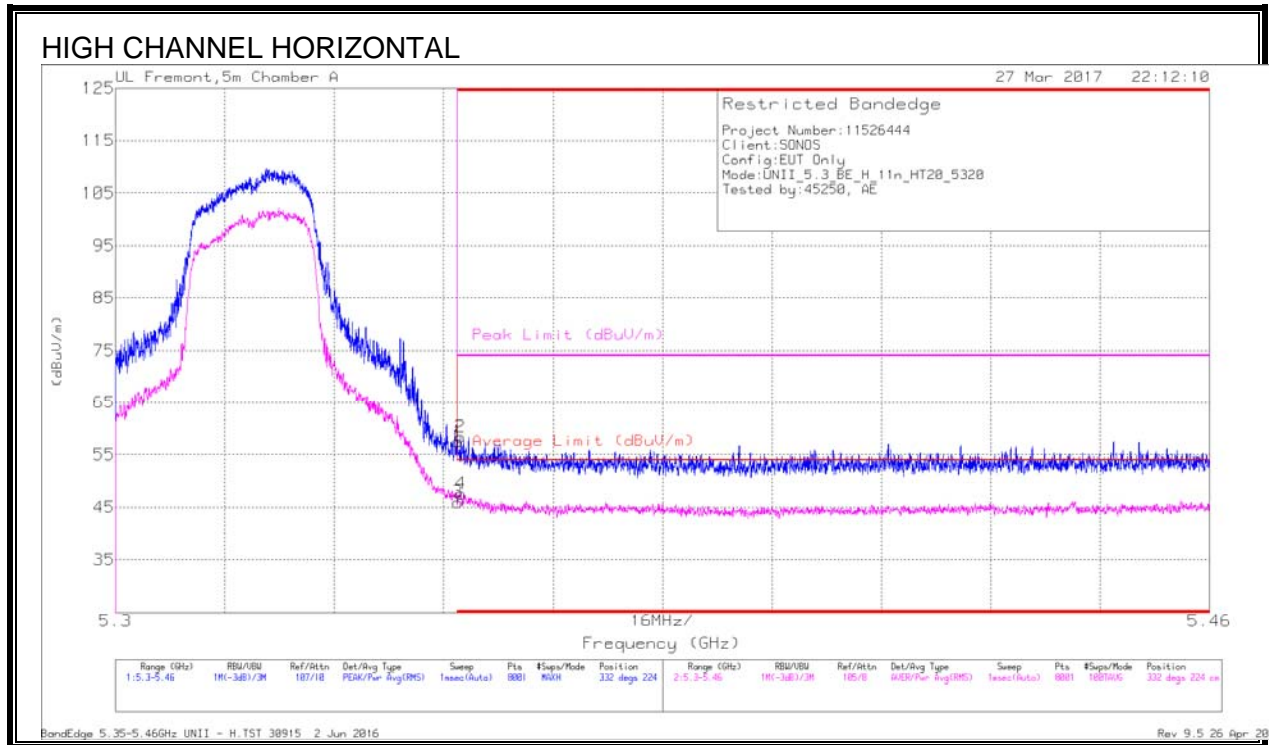
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/CM/Hz/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
* 1.25	47.04	PK-U	29.1	-34.3	0	41.84	-	-	74	-32.16	-	-	272	159	H
* 1.25	41.34	ADR	29.1	-34.3	-37	36.51	54	-17.49	-	-	-	-	272	159	H
* 5	45.58	PK-U	34.1	-27.5	0	52.18	-	-	74	-21.82	-	-	147	101	H
* 5	37.78	ADR	34.1	-27.5	-37	44.75	54	-9.25	-	-	-	-	147	101	H
* 4.88	43.58	PK-U	34	-28	0	49.58	-	-	74	-24.42	-	-	217	206	V
* 4.88	35.43	ADR	34	-28	-37	41.8	54	-12.2	-	-	-	-	217	206	V
* 10.64	38.68	PK-U	37.8	-20.6	0	55.88	-	-	74	-18.12	-	-	3	181	H
* 10.64	25.16	ADR	37.8	-20.6	-37	42.73	54	-11.27	-	-	-	-	3	181	H
* 10.64	42.02	PK-U	37.8	-20.6	0	59.22	-	-	74	-14.78	-	-	265	271	V
* 10.64	27.26	ADR	37.8	-20.6	-37	44.83	54	-9.17	-	-	-	-	265	271	V
7.093	40.61	PK-U	35.4	-23.8	0	52.21	-	-	-	-	68.2	-15.99	24	203	V

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

10.1.4. 11n HT20 3TX CDD MIMO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)



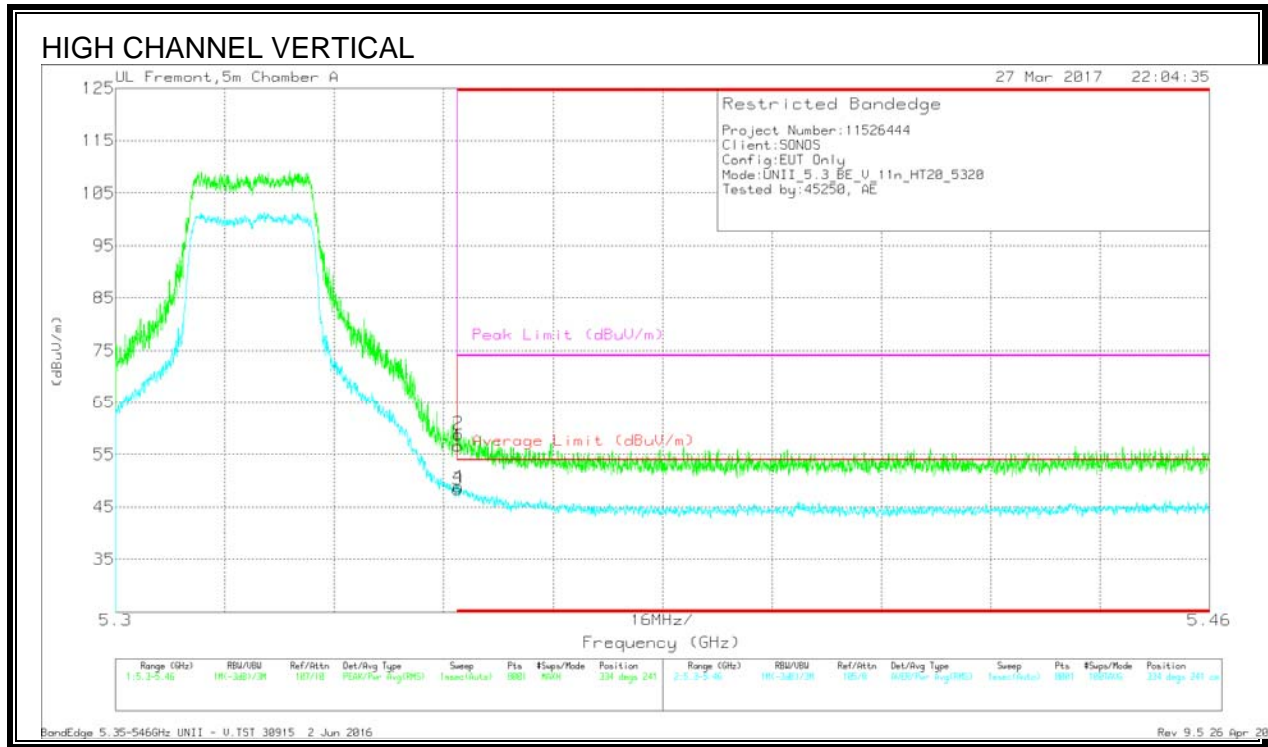
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chl/Filt/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	42.08	Pk	34.3	-18.9	0	57.48	-	-	74	-16.52	332	224	H
2	* 5.35	42.95	Pk	34.3	-18.9	0	58.35	-	-	74	-15.65	332	224	H
3	* 5.35	30.13	RMS	34.3	-18.9	.37	45.9	54	-8.1	-	-	332	224	H
4	* 5.351	31.79	RMS	34.3	-18.9	.37	47.56	54	-6.44	-	-	332	224	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

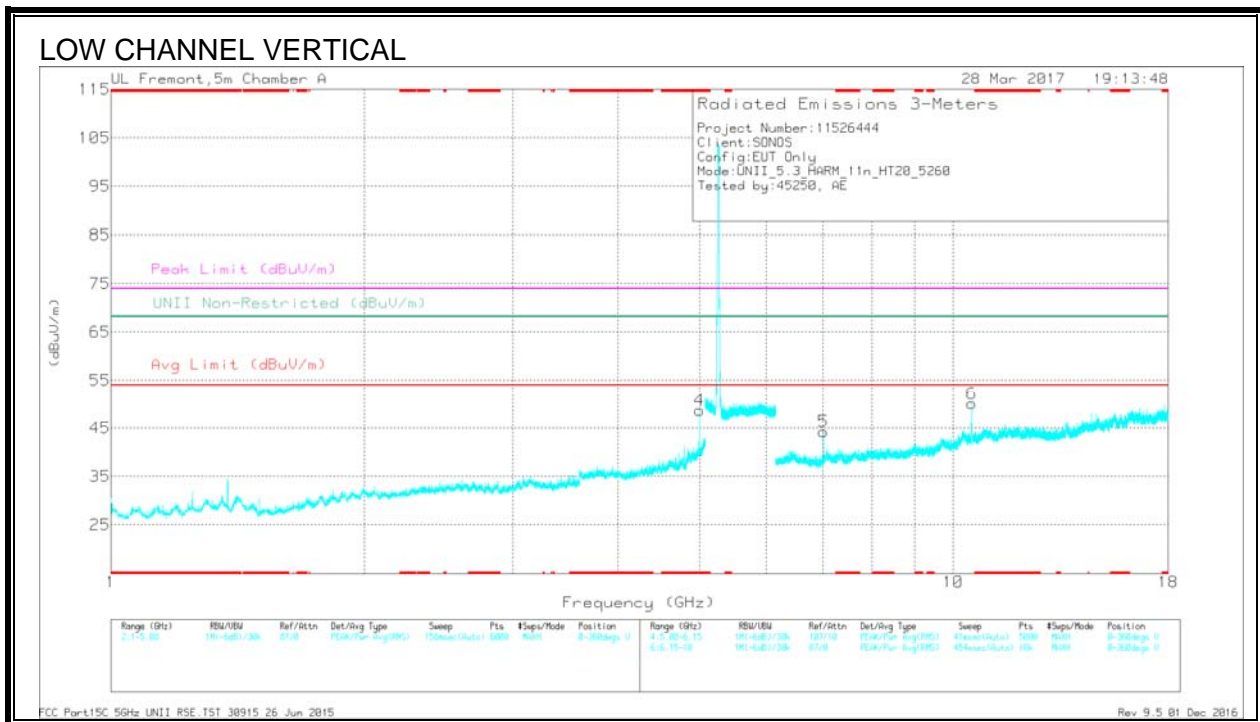
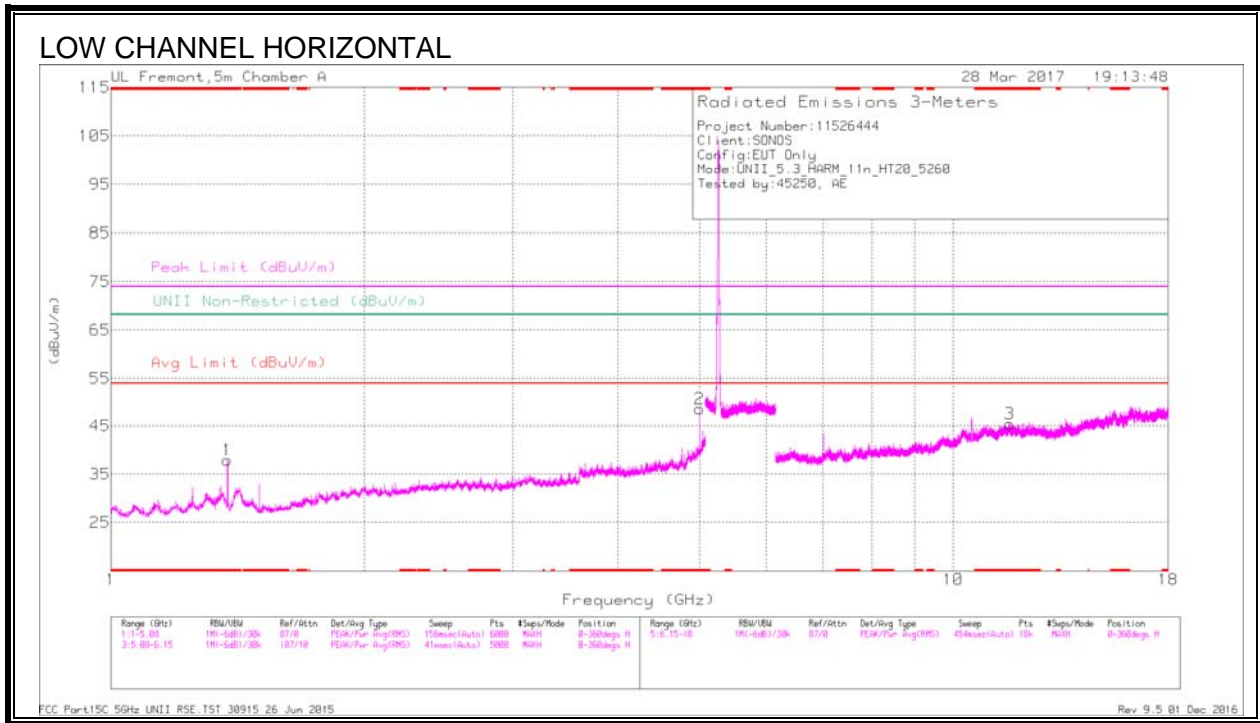
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.19	Pk	34.3	-18.9	0	56.59	-	-	74	-17.41	334	241	V
2	* 5.35	43.52	Pk	34.3	-18.9	0	58.92	-	-	74	-15.08	334	241	V
3	* 5.35	32.5	RMS	34.3	-18.9	.37	48.27	54	-5.73	-	-	334	241	V
4	* 5.35	33.04	RMS	34.3	-18.9	.37	48.81	54	-5.19	-	-	334	241	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 1711 (dB/m)	Amp/Ch/Filter/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	* 1.375	42.01	PK	29.3	-33.4	0	37.91	-	-	74	-36.09	-	-	0-360	199	H
2	* 5	41.98	PK	34.1	-27.5	0	48.58	-	-	74	-25.42	-	-	0-360	101	H
4	* 5	42.04	PK	34.1	-27.5	0	48.64	-	-	74	-25.36	-	-	0-360	200	V
3	* 11.665	26.66	PK	38.2	-19.4	0	45.46	-	-	74	-28.54	-	-	0-360	199	H
5	7.013	33.72	PK	35.4	-24.9	0	44.22	-	-	-	-	68.2	-23.98	0-360	101	V
6	10.52	33.12	PK	37.6	-20.6	0	50.12	-	-	-	-	68.2	-18.08	0-360	101	V

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

PK - Peak detector

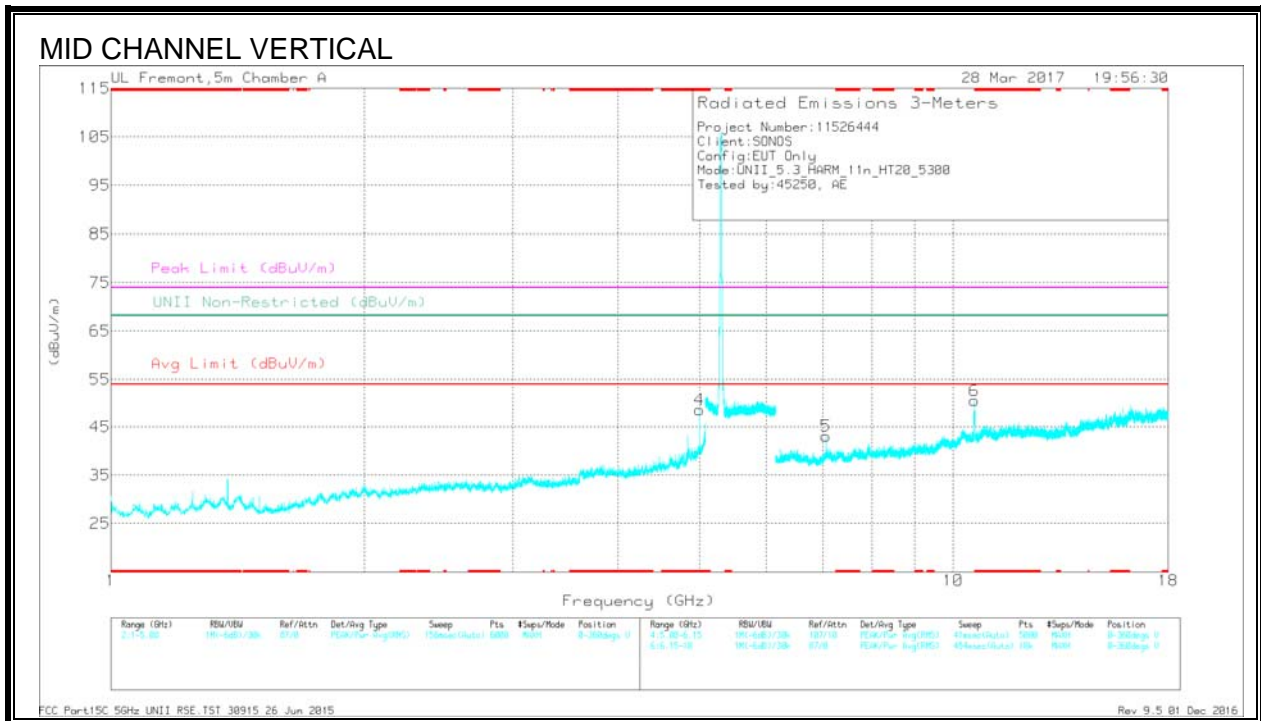
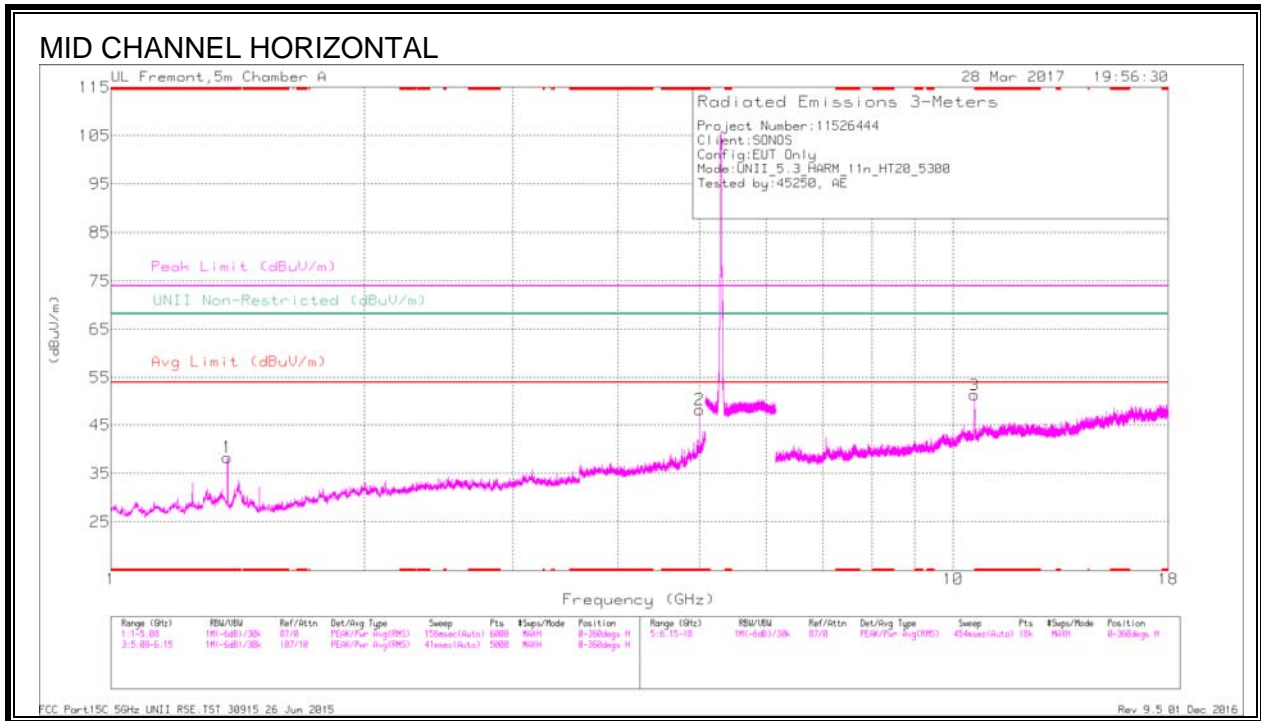
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Ch/Filter/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
* 1.375	46.14	PK-U	29.3	-33.4	0	42.04	-	-	74	-31.96	-	-	268	143	H
* 1.375	41.15	ADR	29.3	-33.4	-37	37.42	54	-16.58	-	-	-	-	268	143	H
* 5	45.91	PK-U	34.1	-27.5	0	52.51	-	-	74	-21.49	-	-	120	103	H
* 5	39.02	ADR	34.1	-27.5	-37	45.99	54	-8.01	-	-	-	-	120	103	H
* 5	47.29	PK-U	34.1	-27.5	0	53.89	-	-	74	-20.11	-	-	248	241	V
* 5	41.34	ADR	34.1	-27.5	-37	48.31	54	-5.69	-	-	-	-	248	241	V
* 11.664	33.05	PK-U	38.2	-19.4	0	51.85	-	-	74	-22.15	-	-	194	393	H
* 11.665	21.01	ADR	38.2	-19.4	-37	40.18	54	-13.82	-	-	-	-	194	393	H
7.014	37.72	PK-U	35.4	-24.8	0	48.32	-	-	-	-	68.2	-19.88	4	108	V
10.52	40.06	PK-U	37.6	-20.6	0	57.06	-	-	-	-	68.2	-11.14	31	103	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chi/Ftr/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.375	42.46	PK	29.3	-33.4	0	38.36	-	-	74	-35.64	-	-	0-360	199	H
2	* 5	41.57	PK	34.1	-27.5	0	48.17	-	-	74	-25.83	-	-	0-360	102	H
4	* 5	41.91	PK	34.1	-27.5	0	48.51	-	-	74	-25.49	-	-	0-360	101	V
5	7.066	30.95	PK	35.4	-23.3	0	43.05	-	-	-	-	68.2	-25.15	0-360	101	V
6	10.595	33.1	PK	37.8	-20.4	0	50.5	-	-	-	-	68.2	-17.7	0-360	101	V
3	10.599	33.86	PK	37.8	-20.4	0	51.26	-	-	-	-	68.2	-16.94	0-360	101	H

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

PK - Peak detector

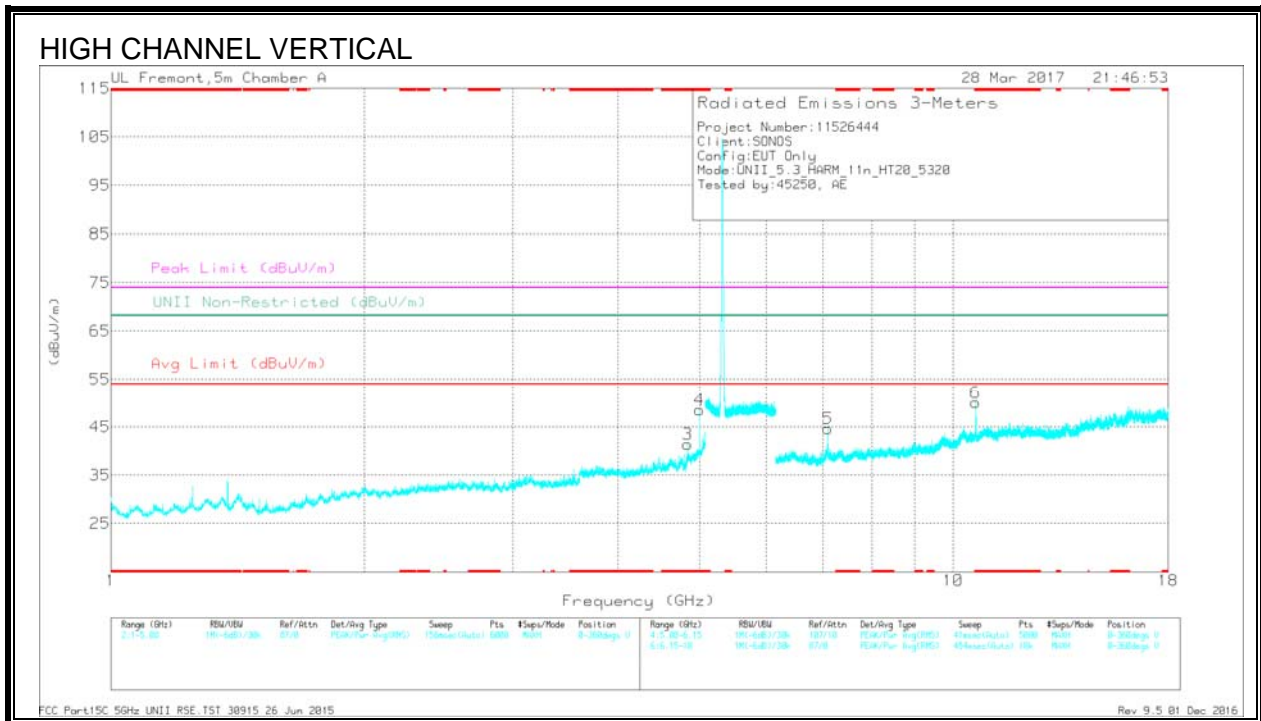
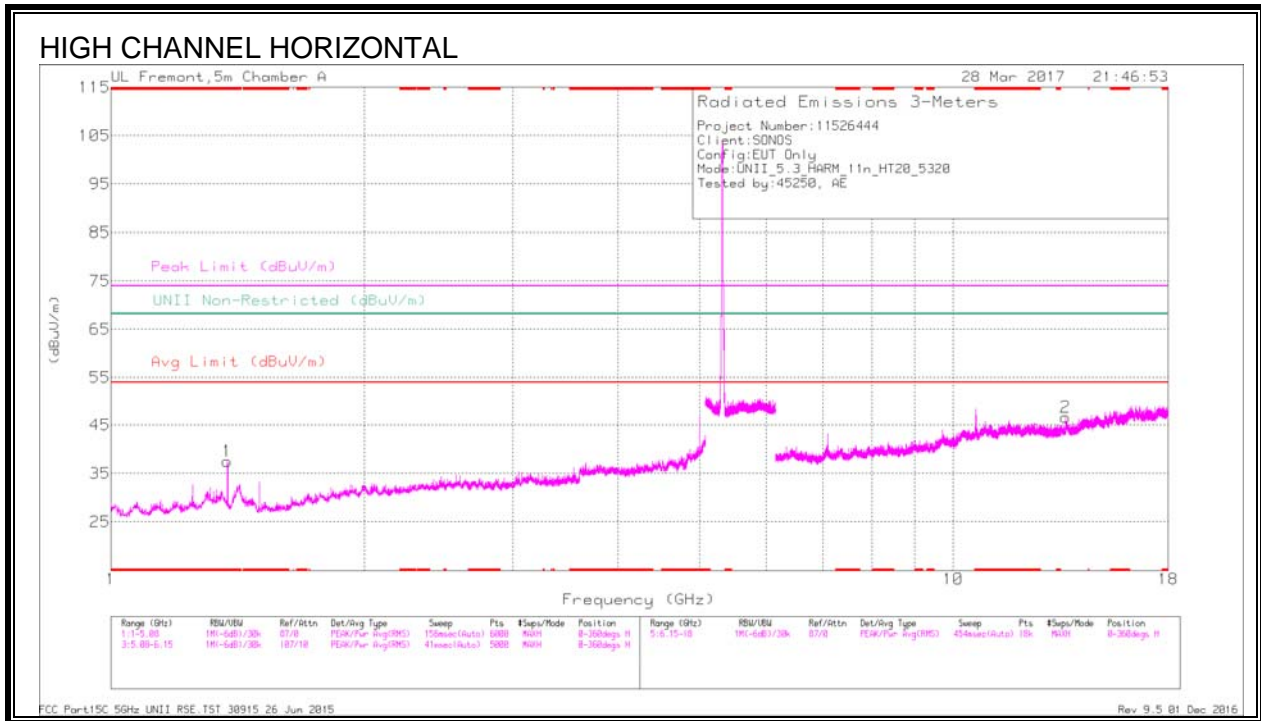
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chi/Ftr/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)	Altitude (Degs)	Height (cm)	Polarity
* 1.375	46.64	PK-U	29.3	-33.4	0	42.54	-	-	74	-31.46	-	-	269	131	H
* 1.375	41.39	ADR	29.3	-33.4	.37	37.66	54	-16.34	-	-	-	-	269	131	H
* 5	44.81	PK-U	34.1	-27.5	0	51.41	-	-	74	-22.59	-	-	114	112	H
* 5	38.38	ADR	34.1	-27.5	.37	45.35	54	-8.65	-	-	-	-	114	112	H
* 5	47.6	PK-U	34.1	-27.5	0	54.2	-	-	74	-19.8	-	-	247	225	V
* 5	41.24	ADR	34.1	-27.5	.37	48.21	54	-5.79	-	-	-	-	247	225	V
7.067	37.23	PK-U	35.4	-23.3	0	49.33	-	-	-	-	68.2	-18.87	4	213	V
10.593	40.69	PK-U	37.8	-20.4	0	58.09	-	-	-	-	68.2	-10.11	81	148	V
10.6	40.73	PK-U	37.8	-20.4	0	58.13	-	-	-	-	68.2	-10.07	338	106	H

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PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuv)	Det	AF 7711 (dB/m)	Amp/CM/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuv/m)	Aug Limit (dBuv/m)	Margin (dB)	Peak Limit (dBuv/m)	PK Margin (dB)	UNII Non-Restricted (dBuv/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.375	41.59	PK	29.3	-33.4	0	37.49	-	-	74	-36.51	-	-	0-360	101	H
3	* 4.84	35.67	PK	34	-28.2	0	41.47	-	-	74	-32.53	-	-	0-360	200	V
4	* 5	41.99	PK	34.1	-27.5	0	48.59	-	-	74	-25.41	-	-	0-360	101	V
6	* 10.64	32.96	PK	37.8	-20.6	0	50.16	-	-	74	-23.84	-	-	0-360	101	V
5	7.093	33.12	PK	35.4	-23.8	0	44.72	-	-	-	-	68.2	-23.48	0-360	200	V
2	13.608	28.52	PK	38.8	-20.7	0	46.62	-	-	-	-	68.2	-21.58	0-360	199	H

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuv)	Det	AF 7711 (dB/m)	Amp/CM/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuv/m)	Aug Limit (dBuv/m)	Margin (dB)	Peak Limit (dBuv/m)	PK Margin (dB)	UNII Non-Restricted (dBuv/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 1.375	46.68	PK-U	29.3	-33.4	0	42.58	-	-	74	-31.42	-	-	269	175	H
* 1.375	41.35	ADR	29.3	-33.4	-37	37.62	54	-16.38	-	-	-	-	269	175	H
* 4.84	41.42	PK-U	34	-28.2	0	47.22	-	-	74	-26.78	-	-	211	281	V
* 4.84	32.71	ADR	34	-28.2	-37	38.88	54	-15.12	-	-	-	-	211	281	V
* 5	47.43	PK-U	34.1	-27.5	0	54.03	-	-	74	-19.97	-	-	249	239	V
* 5	41.64	ADR	34.1	-27.5	-37	48.61	54	-5.39	-	-	-	-	249	239	V
* 10.641	36.24	PK-U	37.8	-20.6	0	53.44	-	-	74	-20.56	-	-	15	316	V
* 10.641	24.71	ADR	37.8	-20.6	-37	42.28	54	-11.72	-	-	-	-	15	316	V
7.093	36.81	PK-U	35.4	-23.8	0	48.41	-	-	-	-	68.2	-19.79	5	291	V
13.607	33.98	PK-U	38.8	-20.7	0	52.08	-	-	-	-	68.2	-16.12	321	202	H

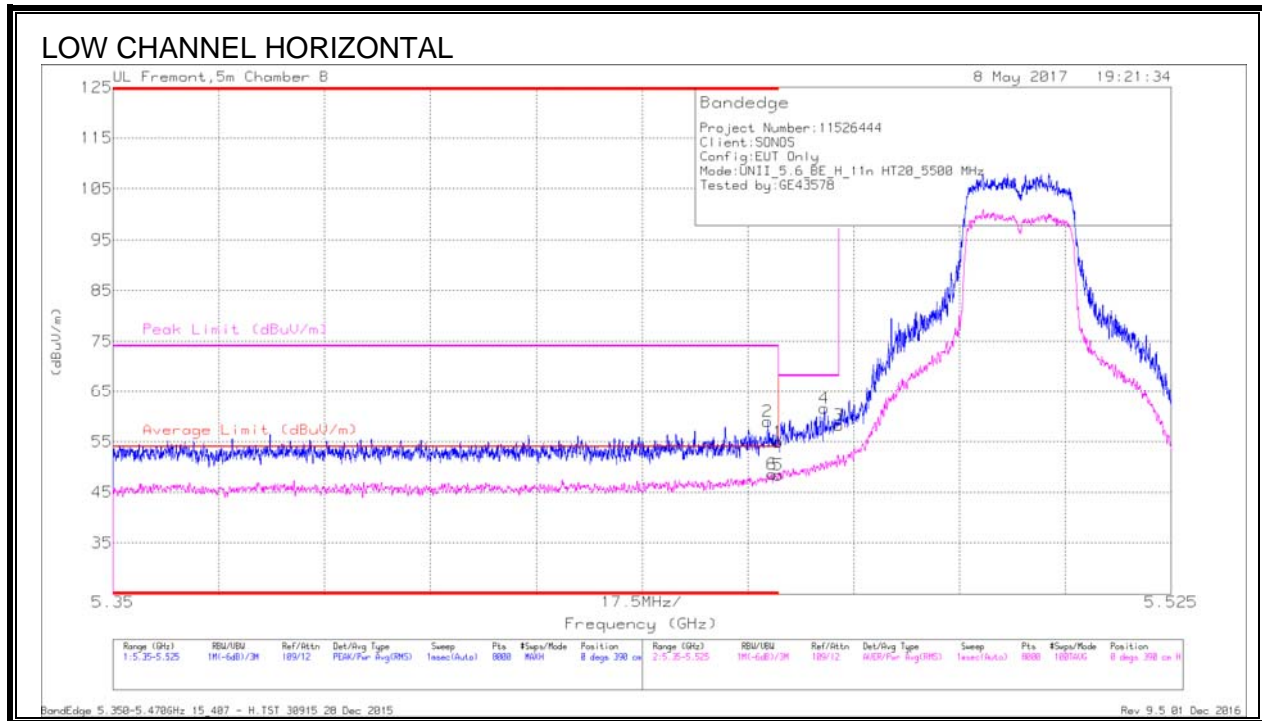
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.1.5. 11n HT20 2TX CDD MIMO MODE IN THE 5.6GHZ BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



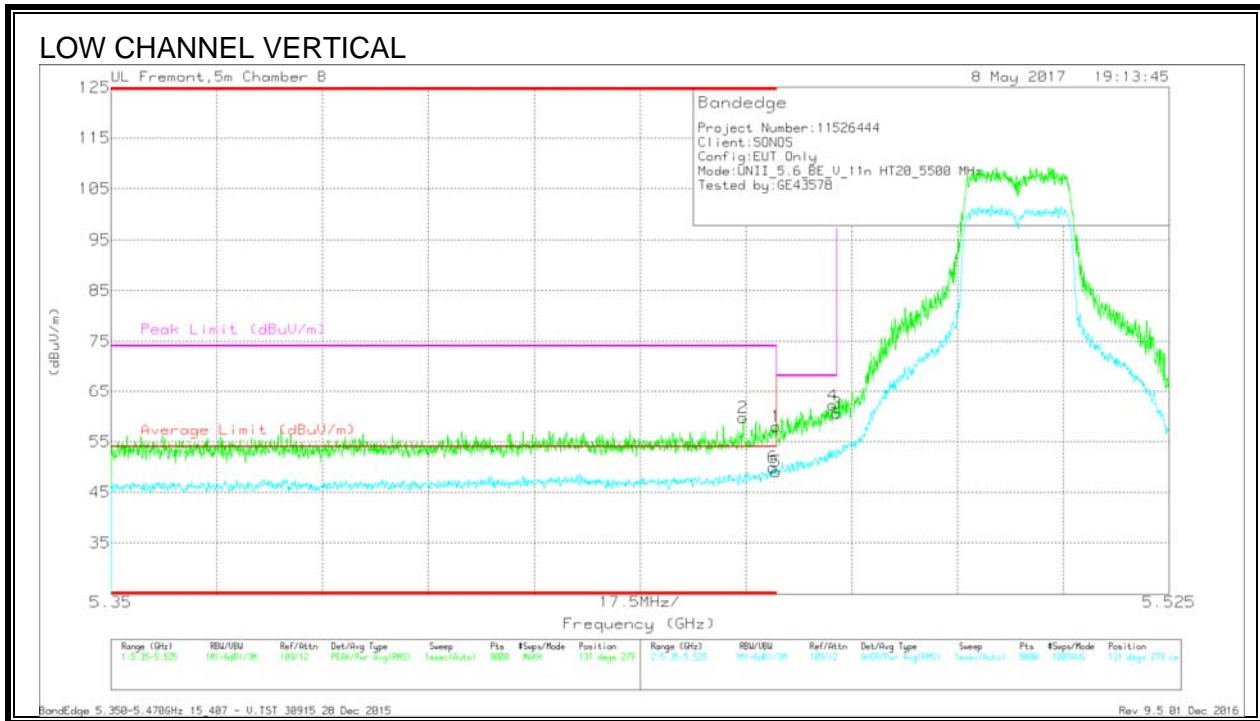
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb/Ftr/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	38.66	Pk	35.1	-18.9	0	54.86	-	-	74	-19.14	0	390	H
2	* 5.458	42.93	Pk	35.1	-19	0	59.03	-	-	74	-14.97	0	390	H
5	* 5.46	31.89	RMS	35.1	-18.9	.37	48.46	54	-5.54	-	-	0	390	H
6	* 5.459	32.05	RMS	35.1	-18.9	.37	48.62	54	-5.38	-	-	0	390	H
4	5.468	45.7	Pk	35.1	-19.2	0	61.6	-	-	68.2	-6.6	0	390	H
3	5.47	42.22	Pk	35.1	-19.1	0	58.22	-	-	68.2	-9.98	0	390	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

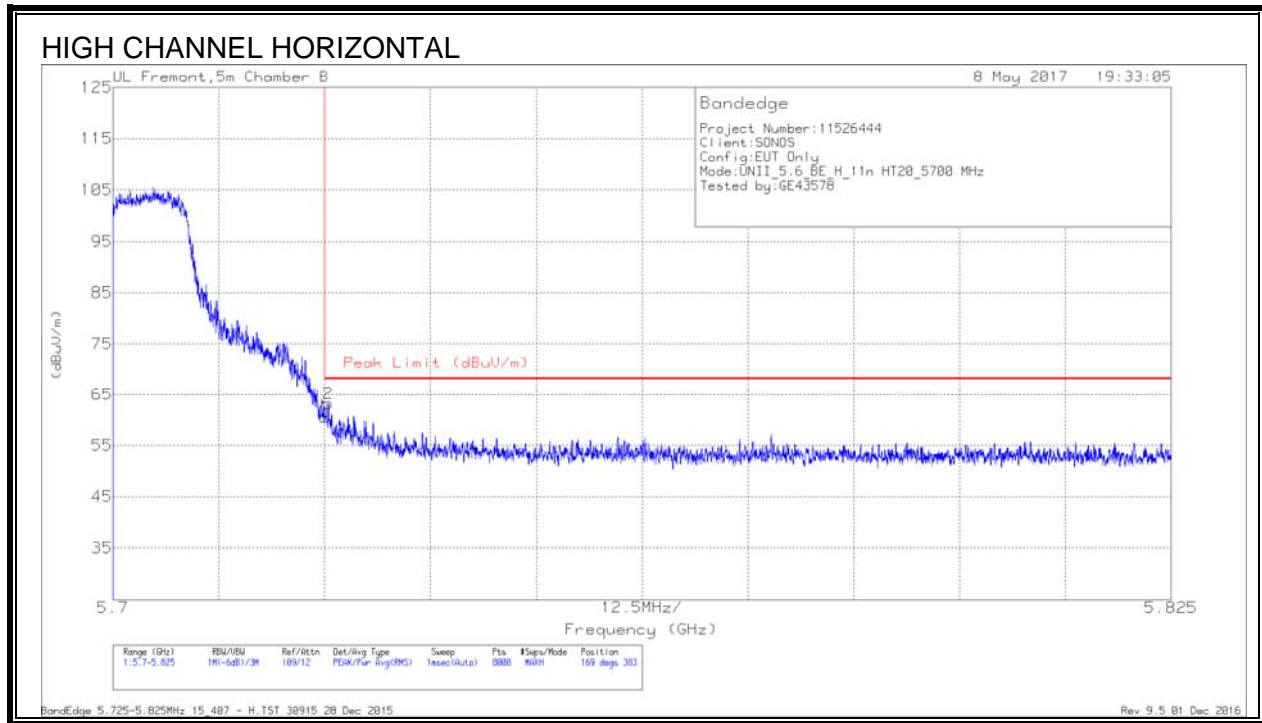
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	41.8	Pk	35.1	-18.9	0	58	-	-	74	-16	131	279	V
2	* 5.455	43.76	Pk	35.1	-19.1	0	59.76	-	-	74	-14.24	131	279	V
5	* 5.46	32.47	RMS	35.1	-18.9	.37	49.04	54	-4.96	-	-	131	279	V
6	* 5.46	33.32	RMS	35.1	-18.9	.37	49.89	54	-4.11	-	-	131	279	V
4	5.469	46.32	Pk	35.1	-19.2	0	62.22	-	-	68.2	-5.98	131	279	V
3	5.47	44.62	Pk	35.1	-19.1	0	60.62	-	-	68.2	-7.58	131	279	V

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

Pk - Peak detector

RMS - RMS detection

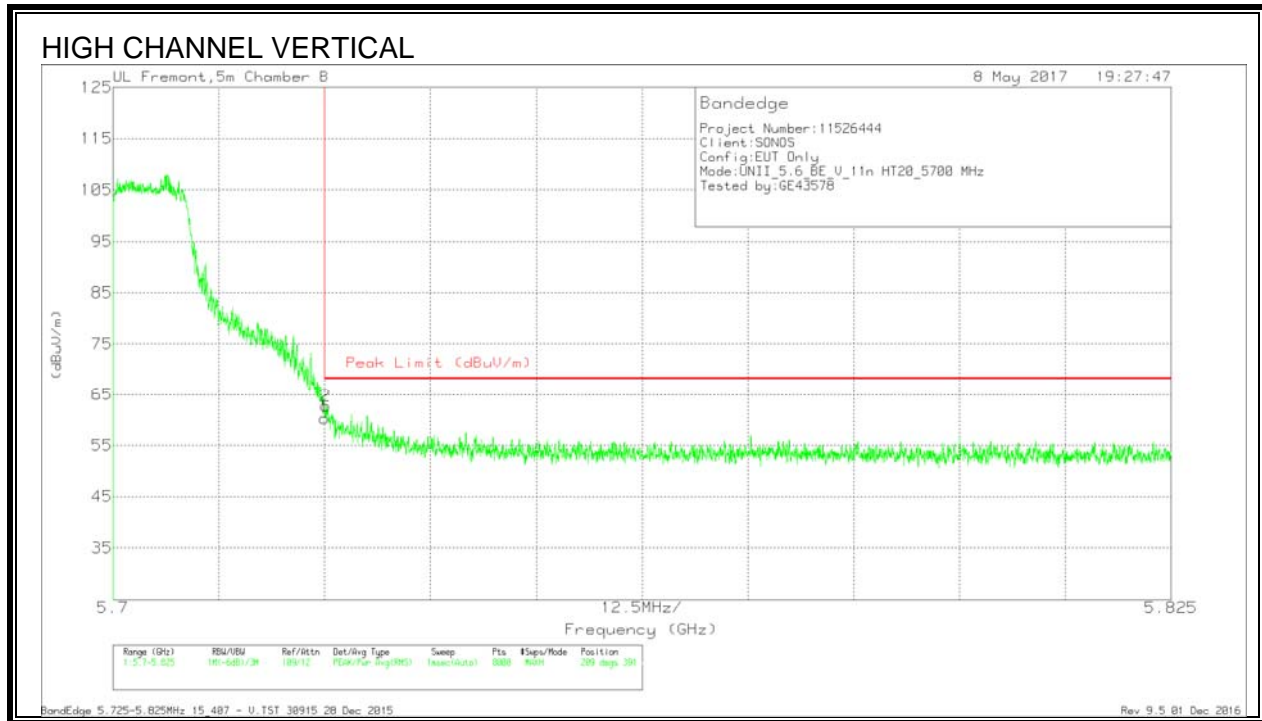
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.05	Pk	35.1	-19.6	60.55	68.2	-7.65	169	383	H
2	5.725	47.75	Pk	35.1	-19.6	63.25	68.2	-4.95	169	383	H

Pk - Peak detector

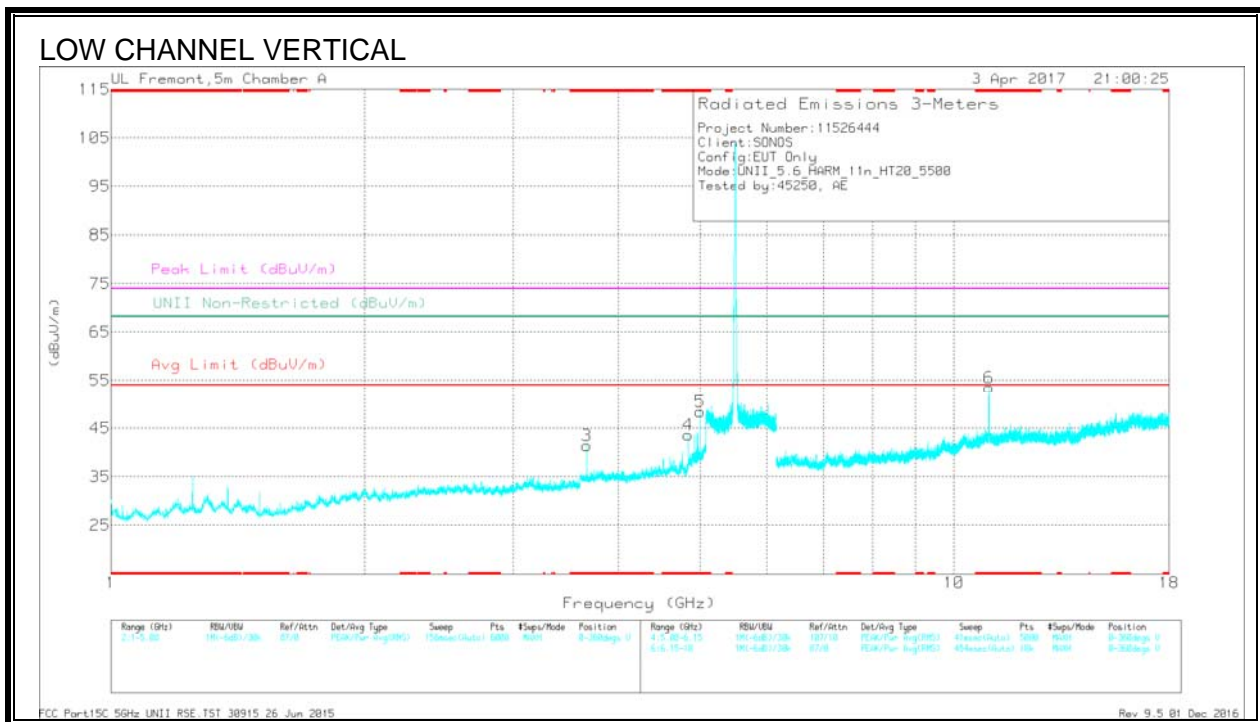
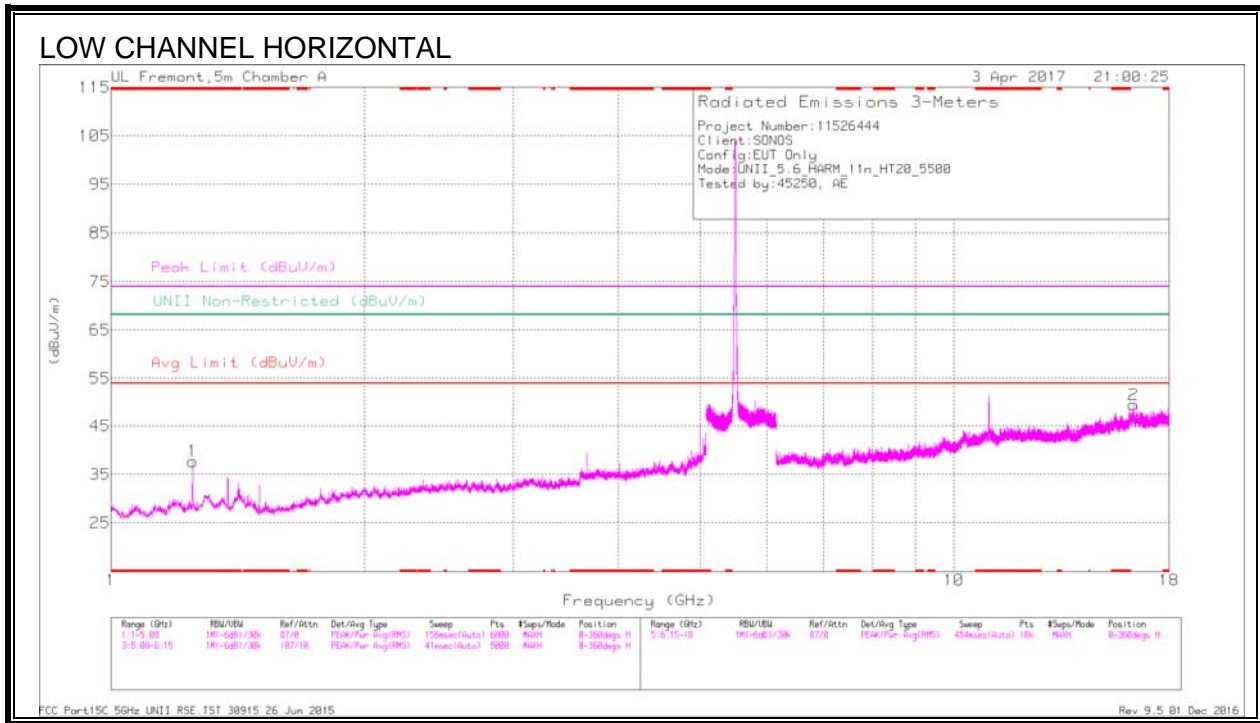


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.82	Pk	35.1	-19.6	60.32	68.2	-7.88	209	391	V
2	5.725	47.27	Pk	35.1	-19.6	62.77	68.2	-5.43	209	391	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 7711 (dB/m)	Amp/CM/ftz/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.25	42.92	PK	29.1	-34.3	0	37.72	-	-	74	-36.28	-	-	0-360	101	H
3	* 3.667	39.1	PK	33.1	-30.8	0	41.4	-	-	74	-32.6	-	-	0-360	101	V
4	* 4.84	37.79	PK	34	-28.2	0	43.59	-	-	74	-30.41	-	-	0-360	200	V
5	* 5	41.78	PK	34.1	-27.5	0	48.38	-	-	74	-25.62	-	-	0-360	200	V
6	* 11	35.87	PK	37.8	-20.2	0	53.47	-	-	74	-20.53	-	-	0-360	101	V
2	16.329	28.13	PK	41.4	-20.1	0	49.43	-	-	-	-	68.2	-18.77	0-360	199	H

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

PK - Peak detector

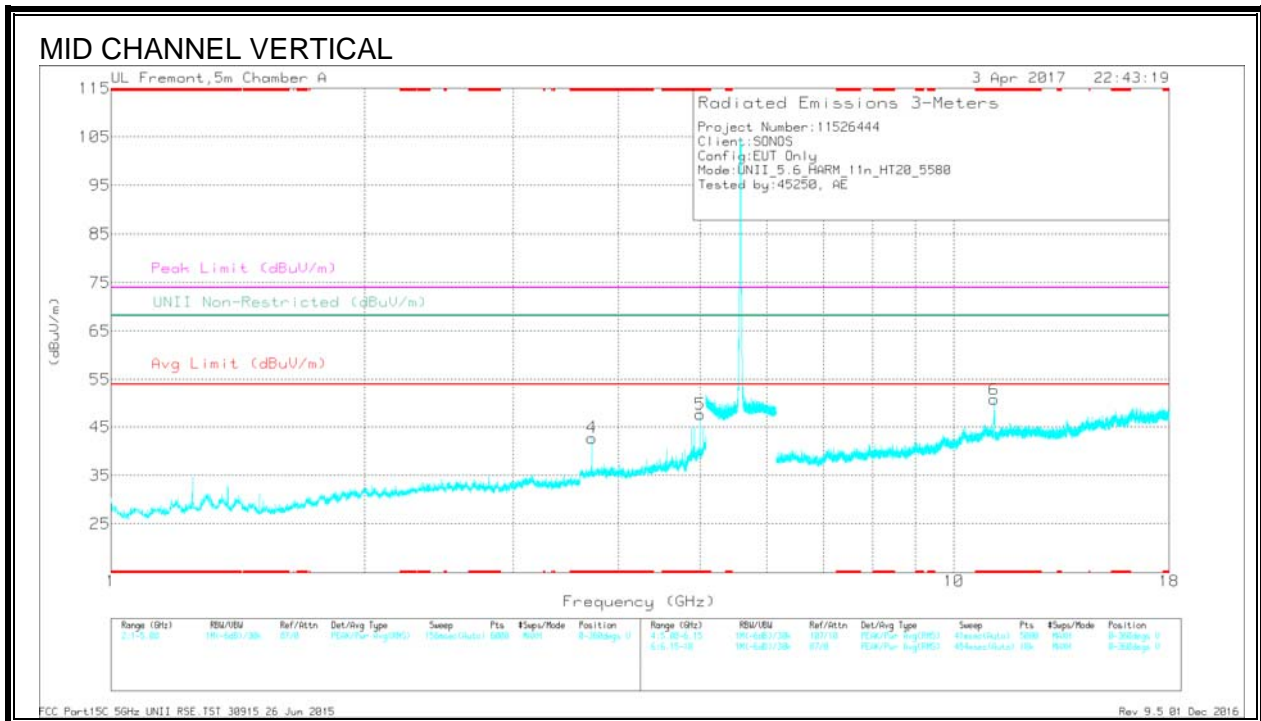
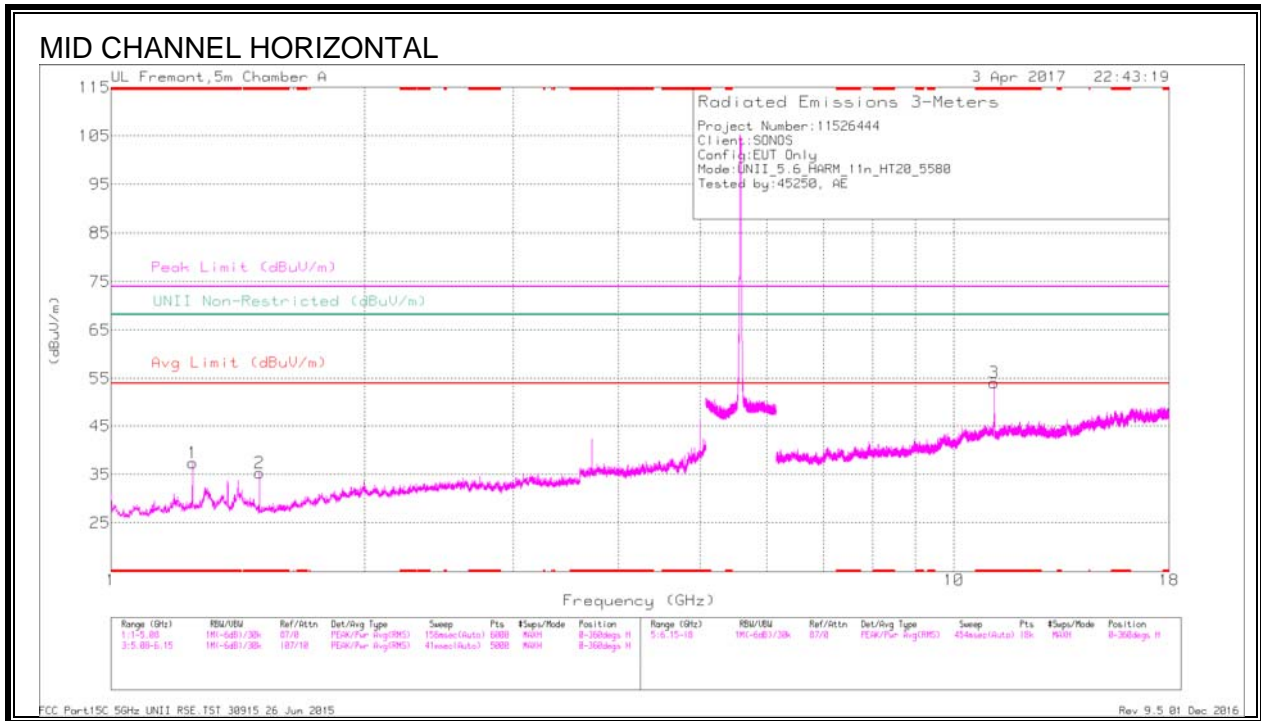
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 7711 (dB/m)	Amp/CM/ftz/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)	Altitude (Degs)	Height (cm)	Polarity
* 1.25	47.37	PK-U	29.1	-34.3	0	42.17	-	-	74	-31.83	-	-	262	156	H
* 1.25	41.45	ADR	29.1	-34.3	.37	36.62	54	-17.38	-	-	-	-	262	156	H
* 3.667	43.26	PK-U	33.1	-30.8	0	45.56	-	-	74	-28.44	-	-	55	255	V
* 3.667	36.49	ADR	33.1	-30.8	.37	39.16	54	-14.84	-	-	-	-	55	255	V
* 4.84	44.43	PK-U	34	-28.2	0	50.23	-	-	74	-23.77	-	-	206	213	V
* 4.84	35.77	ADR	34	-28.2	.37	41.94	54	-12.06	-	-	-	-	206	213	V
* 5	47.16	PK-U	34.1	-27.5	0	53.76	-	-	74	-20.24	-	-	213	198	V
* 5	39	ADR	34.1	-27.5	.37	45.97	54	-8.03	-	-	-	-	213	198	V
* 11.001	41.82	PK-U	37.8	-20.2	0	59.42	-	-	74	-14.58	-	-	78	109	V
* 10.999	30.53	ADR	37.8	-20.2	.37	48.5	54	-5.5	-	-	-	-	78	109	V
16.328	32.62	PK-U	41.4	-20.2	0	53.82	-	-	-	-	68.2	-14.38	351	220	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cd/FIR/Psd (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)	Asimuth (Degs)	Height (cm)	Polarity
1	* 1.25	42.59	Pk	29.1	-34.3	0	37.39	-	-	74	-36.61	-	-	0-360	101	H
2	* 1.5	41.23	Pk	28.1	-34	0	35.33	-	-	74	-38.67	-	-	0-360	101	H
6	* 11.158	32.98	Pk	37.8	-20	0	50.78	-	-	74	-23.22	-	-	0-360	200	V
3	* 11.16	36.38	Pk	37.8	-20	0	54.18	-	-	74	-19.82	-	-	0-360	101	H
4	* 3.72	40.18	Pk	33	-30.4	0	42.78	-	-	74	-31.22	-	-	0-360	101	V
5	* 5	41.09	Pk	34.1	-27.5	0	47.69	-	-	74	-26.31	-	-	0-360	200	V

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

Pk - Peak detector

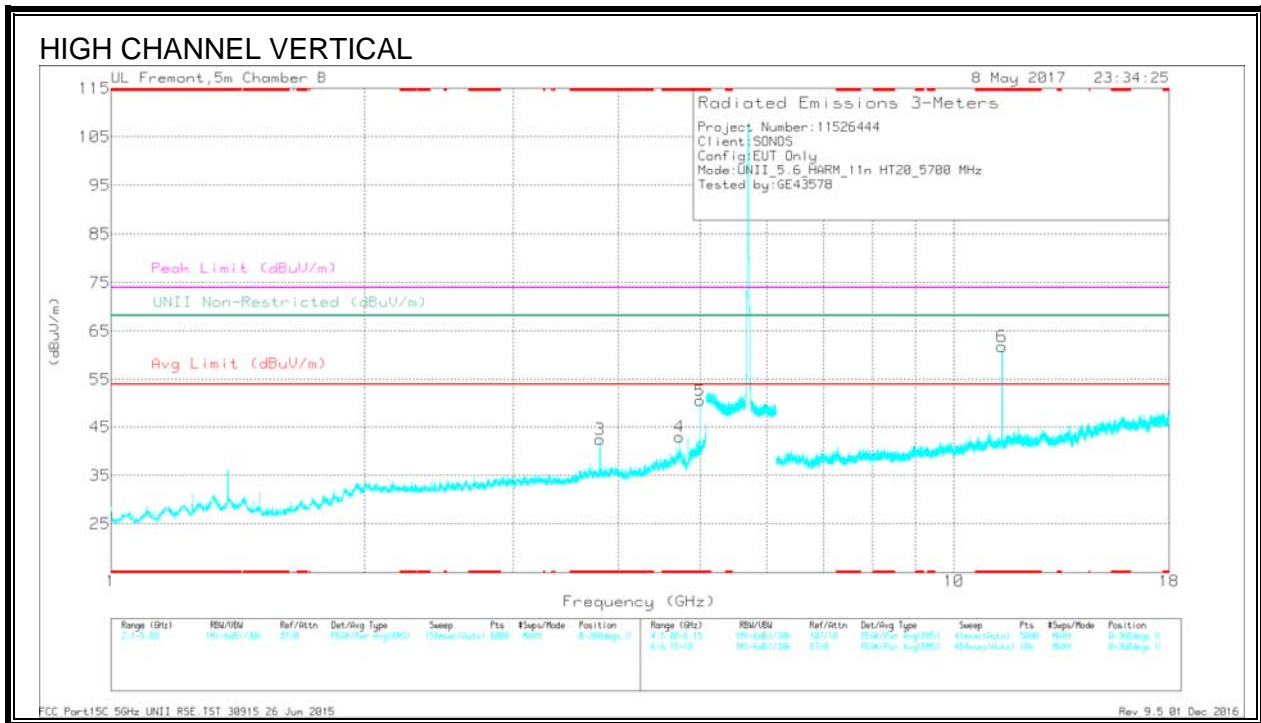
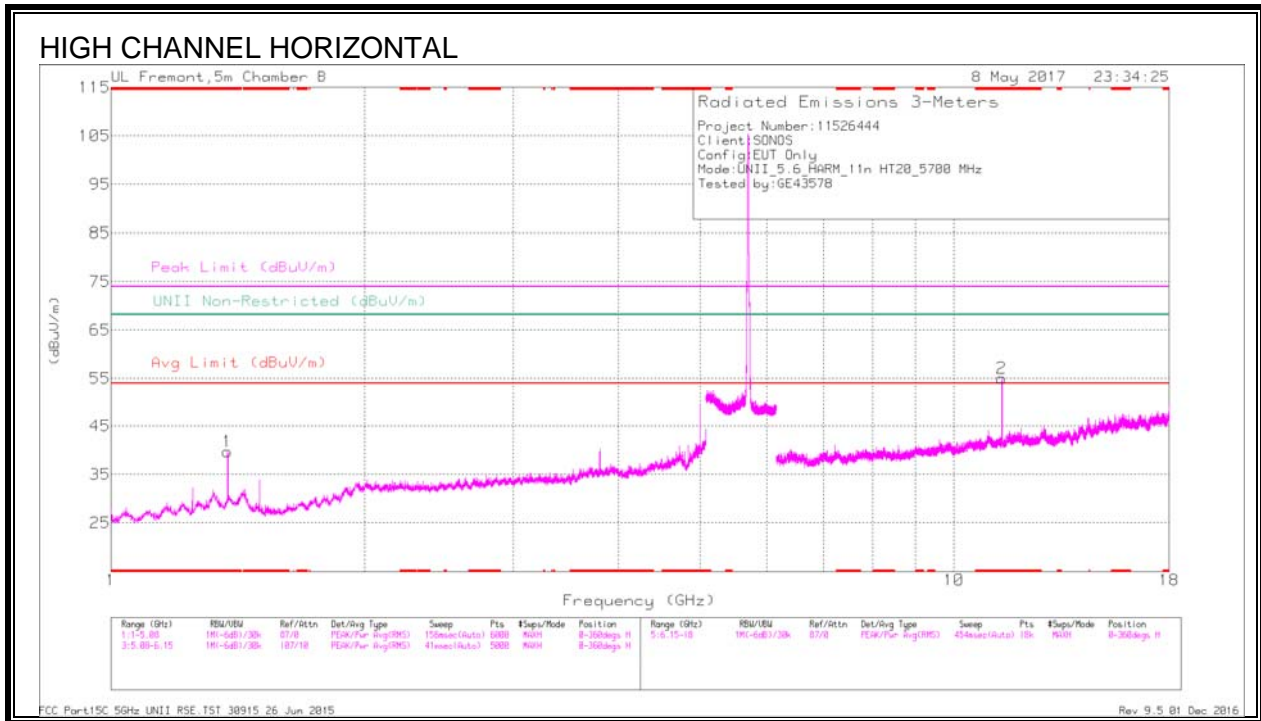
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cd/FIR/Psd (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)	Asimuth (Degs)	Height (cm)	Polarity
* 1.25	47.79	PK-U	29.1	-34.3	0	42.59	-	-	74	-31.41	-	-	272	159	H
* 1.25	42.18	ADR	29.1	-34.3	.37	37.35	54	-16.65	-	-	-	-	272	159	H
* 1.5	45.72	PK-U	28.1	-34	0	39.82	-	-	74	-34.18	-	-	269	132	H
* 1.5	39.88	ADR	28.1	-34	.37	34.35	54	-19.65	-	-	-	-	269	132	H
* 3.72	43.57	PK-U	33	-30.4	0	46.17	-	-	74	-27.83	-	-	310	102	V
* 3.72	37.45	ADR	33	-30.4	.37	40.42	54	-13.58	-	-	-	-	310	102	V
* 5	47.09	PK-U	34.1	-27.5	0	53.69	-	-	74	-20.31	-	-	205	291	V
* 5	39.82	ADR	34.1	-27.5	.37	46.79	54	-7.21	-	-	-	-	205	291	V
* 11.16	41.46	PK-U	37.8	-20	0	59.26	-	-	74	-14.74	-	-	134	144	H
* 11.16	27.58	ADR	37.8	-20	.37	45.75	54	-8.25	-	-	-	-	134	144	H
* 11.16	42.41	PK-U	37.8	-20	0	60.21	-	-	74	-13.79	-	-	82	119	V
* 11.159	31.68	ADR	37.8	-20	.37	49.85	54	-4.15	-	-	-	-	82	119	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CSU/FIR/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)	Asimuth (Degs)	Height (cm)	Polarity
1	* 1.375	44.27	Pk	28.8	-33.3	0	39.77	-	-	74	-34.23	-	-	0-360	102	H
3	* 3.8	39.77	Pk	33.7	-31	0	42.47	-	-	74	-31.53	-	-	0-360	199	V
4	* 4.72	37.87	Pk	34.4	-29.3	0	42.97	-	-	74	-31.03	-	-	0-360	199	V
5	* 5	43.78	Pk	34.5	-27.8	0	50.48	-	-	74	-23.52	-	-	0-360	199	V
2	* 11.399	40.01	Pk	38.5	-23.5	0	55.01	-	-	74	-18.99	-	-	0-360	199	H
6	* 11.4	46.85	Pk	38.5	-23.5	0	61.85	-	-	74	-12.15	-	-	0-360	102	V

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

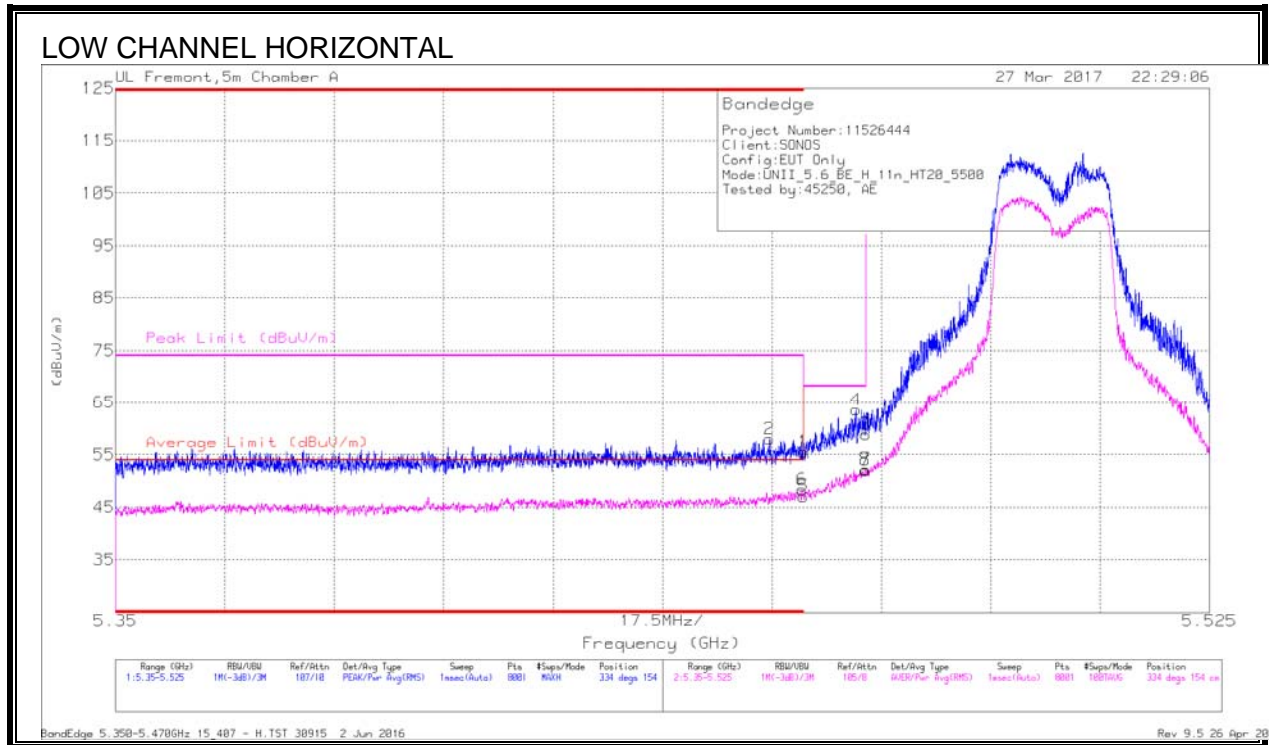
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CSU/FIR/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)	Asimuth (Degs)	Height (cm)	Polarity
* 1.375	47.92	PK-U	28.8	-33.3	0	43.42	-	-	74	-30.58	-	-	214	196	H
* 1.375	42.83	ADR	28.8	-33.3	.37	38.7	54	-15.3	-	-	-	-	214	196	H
* 3.8	44.53	PK-U	33.6	-31	0	47.13	-	-	74	-26.87	-	-	326	219	V
* 3.8	38.88	ADR	33.6	-31	.37	41.85	54	-12.15	-	-	-	-	326	219	V
* 4.72	44.12	PK-U	34.4	-29.3	0	49.22	-	-	74	-24.78	-	-	268	194	V
* 4.72	35.55	ADR	34.4	-29.3	.37	41.02	54	-12.98	-	-	-	-	268	194	V
* 5	48.11	PK-U	34.5	-27.8	0	54.81	-	-	74	-19.19	-	-	173	191	V
* 5	40.7	ADR	34.5	-27.8	.37	47.77	54	-6.23	-	-	-	-	173	191	V
* 11.4	48.47	PK-U	38.5	-23.5	0	63.47	-	-	74	-10.53	-	-	6	255	H
* 11.4	34.17	ADR	38.5	-23.5	.37	49.54	54	-4.46	-	-	-	-	6	255	H
* 11.4	51.53	PK-U	38.5	-23.5	0	66.53	-	-	74	-7.47	-	-	4	140	V
* 11.4	36.54	ADR	38.5	-23.5	.37	51.91	54	-2.09	-	-	-	-	4	140	V

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

10.1.6. 11n HT20 3TX CDD MIMO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



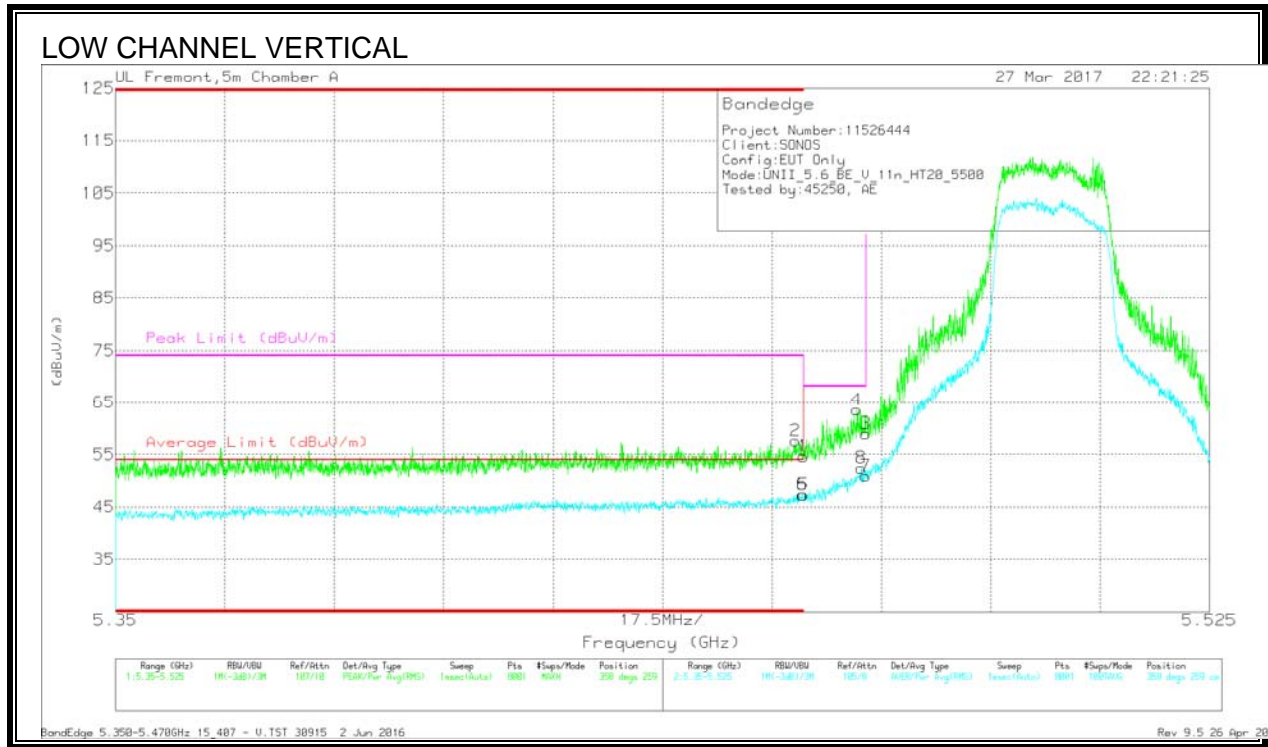
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chl/Filt/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
2	* 5.455	42.36	Pk	34.4	-18.8	0	57.96	-	-	74	-16.04	334	154	H
1	* 5.46	39.99	Pk	34.4	-18.9	0	55.49	-	-	74	-18.51	334	154	H
5	* 5.46	31.21	RMS	34.4	-18.9	.37	47.08	54	-6.92	-	-	334	154	H
6	* 5.46	32.47	RMS	34.4	-18.9	.37	48.34	54	-5.66	-	-	334	154	H
4	5.468	47.86	Pk	34.4	-18.7	0	63.56	-	-	68.2	-4.64	334	154	H
3	5.47	43.12	Pk	34.4	-18.7	0	58.82	-	-	68.2	-9.38	334	154	H
7	5.47	36.12	RMS	34.4	-18.7	.37	52.19	-	-	-	-	334	154	H
8	5.47	36.03	RMS	34.4	-18.7	.37	52.1	-	-	-	-	334	154	H

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

Pk - Peak detector

RMS - RMS detection

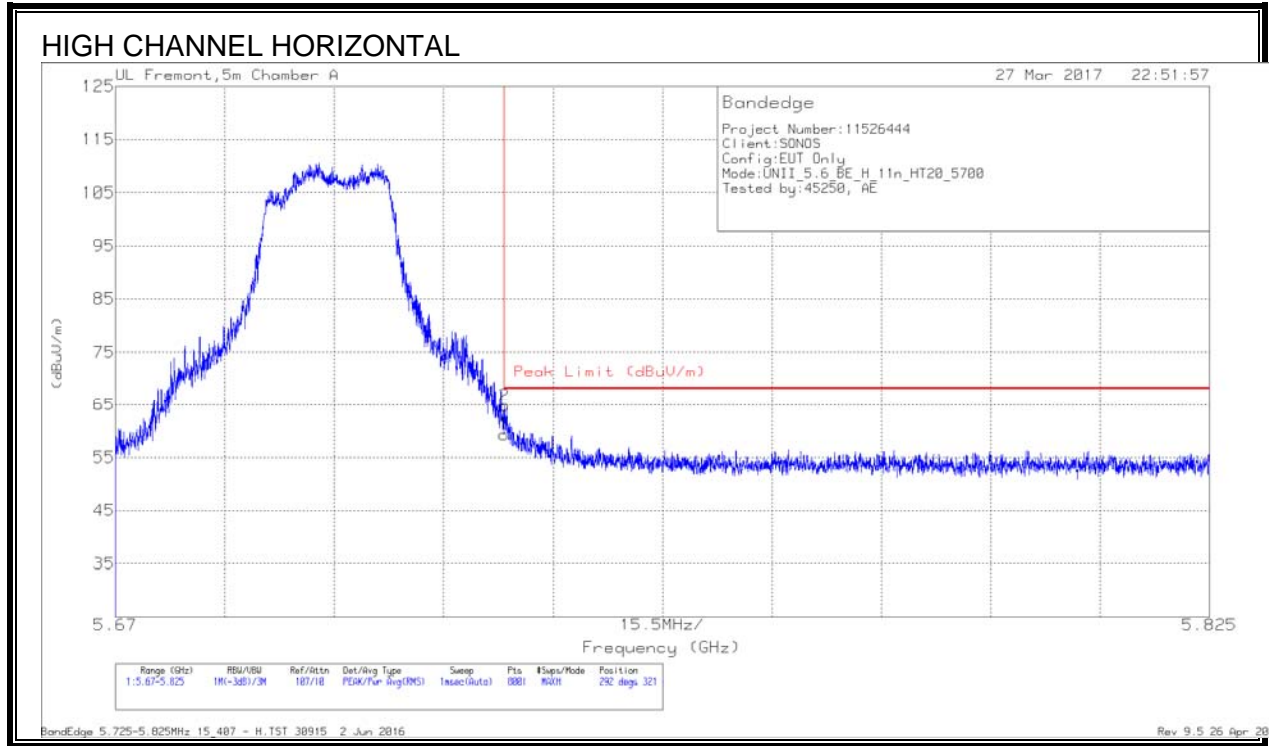


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chl/Filt/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
2	* 5.459	42.14	Pk	34.4	-18.9	0	57.64	-	-	74	-16.36	358	259	V
1	* 5.46	39.14	Pk	34.4	-18.9	0	54.64	-	-	74	-19.36	358	259	V
5	* 5.46	31.45	RMS	34.4	-18.9	.37	47.32	54	-6.68	-	-	358	259	V
6	* 5.46	31.4	RMS	34.4	-18.9	.37	47.27	54	-6.73	-	-	358	259	V
4	5.469	47.85	Pk	34.4	-18.7	0	63.55	-	-	68.2	-4.65	358	259	V
8	5.469	36.32	RMS	34.4	-18.7	.37	52.39	-	-	-	-	358	259	V
3	5.47	43.26	Pk	34.4	-18.7	0	58.96	-	-	68.2	-9.24	358	259	V
7	5.47	34.8	RMS	34.4	-18.7	.37	50.87	-	-	-	-	358	259	V

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

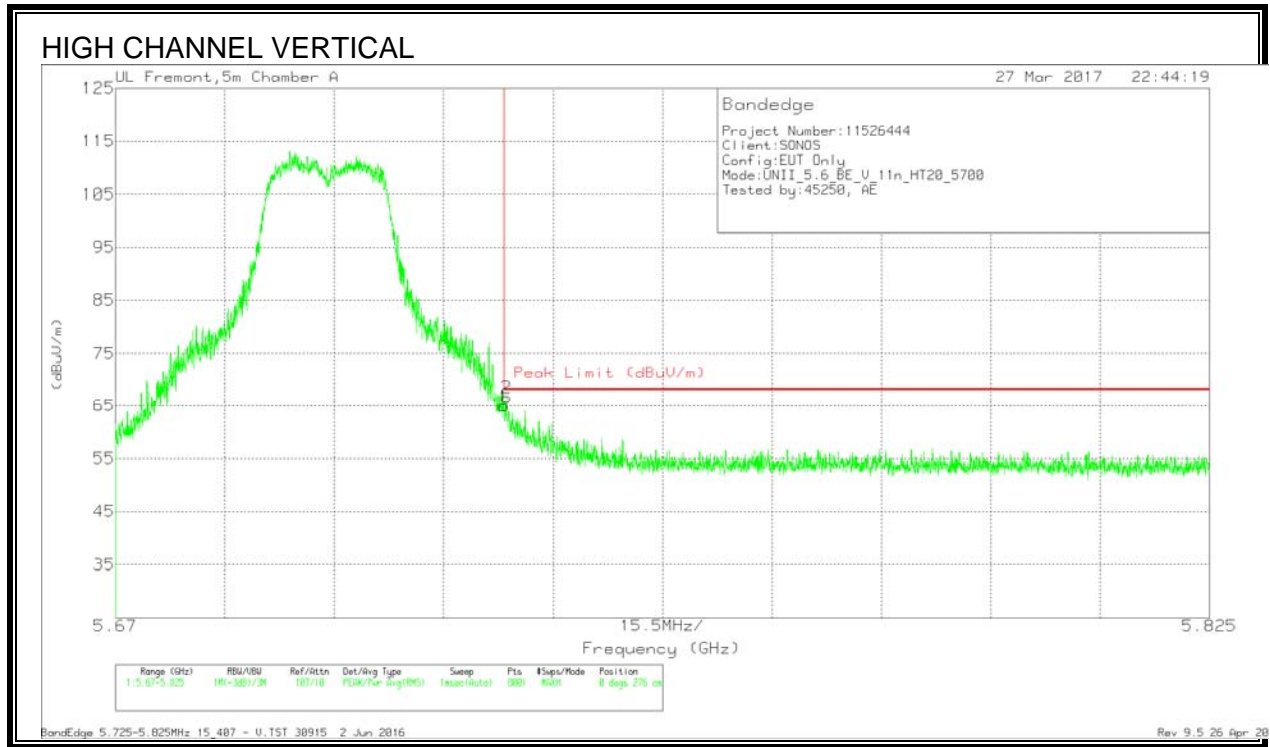
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.56	Pk	34.8	-19	59.36	68.2	-8.84	292	321	H
2	5.725	49.07	Pk	34.8	-19	64.87	68.2	-3.33	292	321	H

Pk - Peak detector

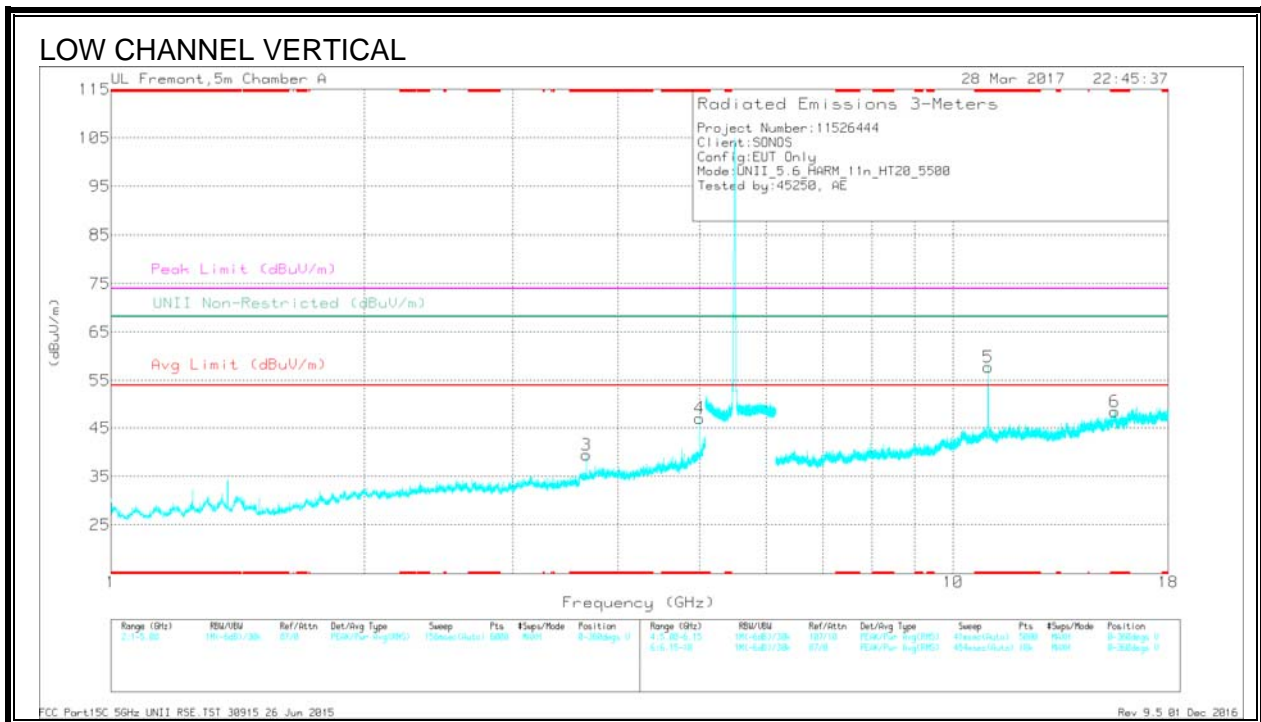
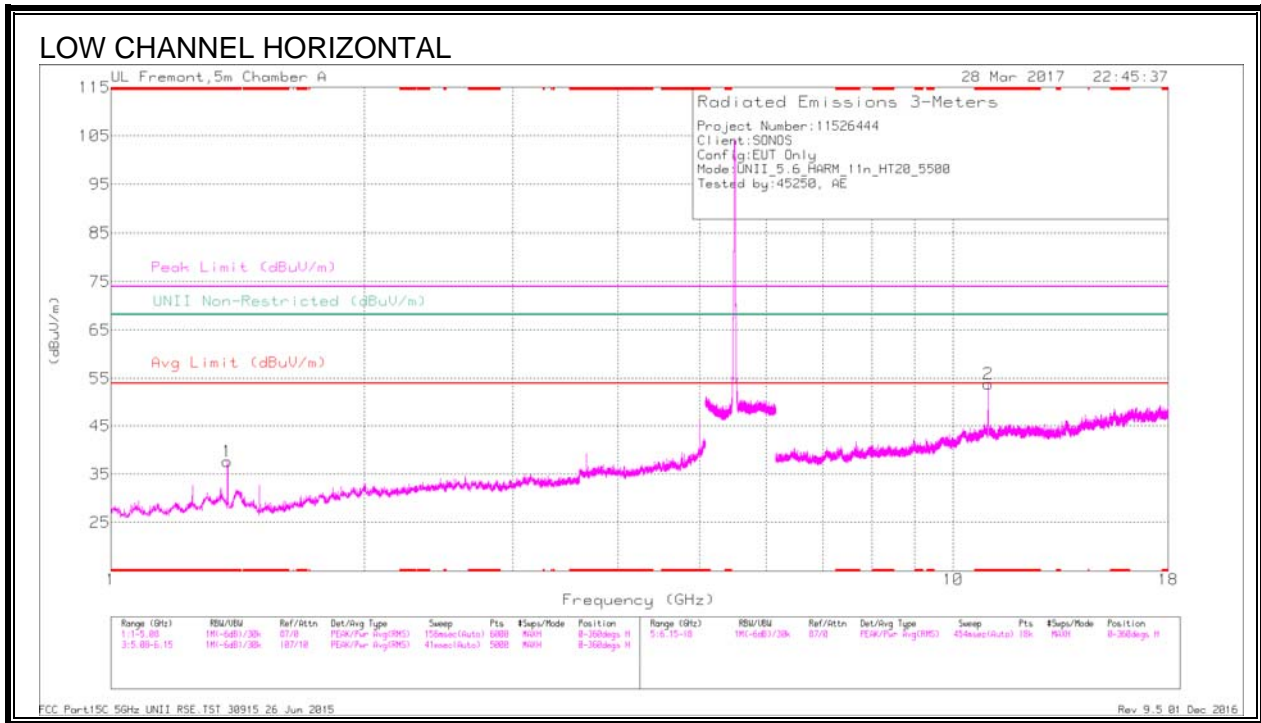


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.13	Pk	34.8	-19	64.93	68.2	-3.27	0	276	V
2	5.725	50.73	Pk	34.8	-19	66.53	68.2	-1.67	0	276	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cbl/Ftr/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.375	41.77	PK	29.3	-33.4	0	37.67	-	-	74	-36.33	-	-	0-360	100	H
3	* 3.667	37.12	PK	33.1	-30.8	0	39.42	-	-	74	-34.58	-	-	0-360	200	V
4	* 5	40.46	PK	34.1	-27.5	0	47.06	-	-	74	-26.94	-	-	0-360	200	V
2	* 11	36.25	PK	37.8	-20.2	0	53.85	-	-	74	-20.15	-	-	0-360	101	H
5	* 11	40.16	PK	37.8	-20.2	0	57.76	-	-	74	-16.24	-	-	0-360	101	V
6	* 15.557	27.33	PK	40.3	-19.2	0	48.43	-	-	74	-25.57	-	-	0-360	200	V

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

PK - Peak detector

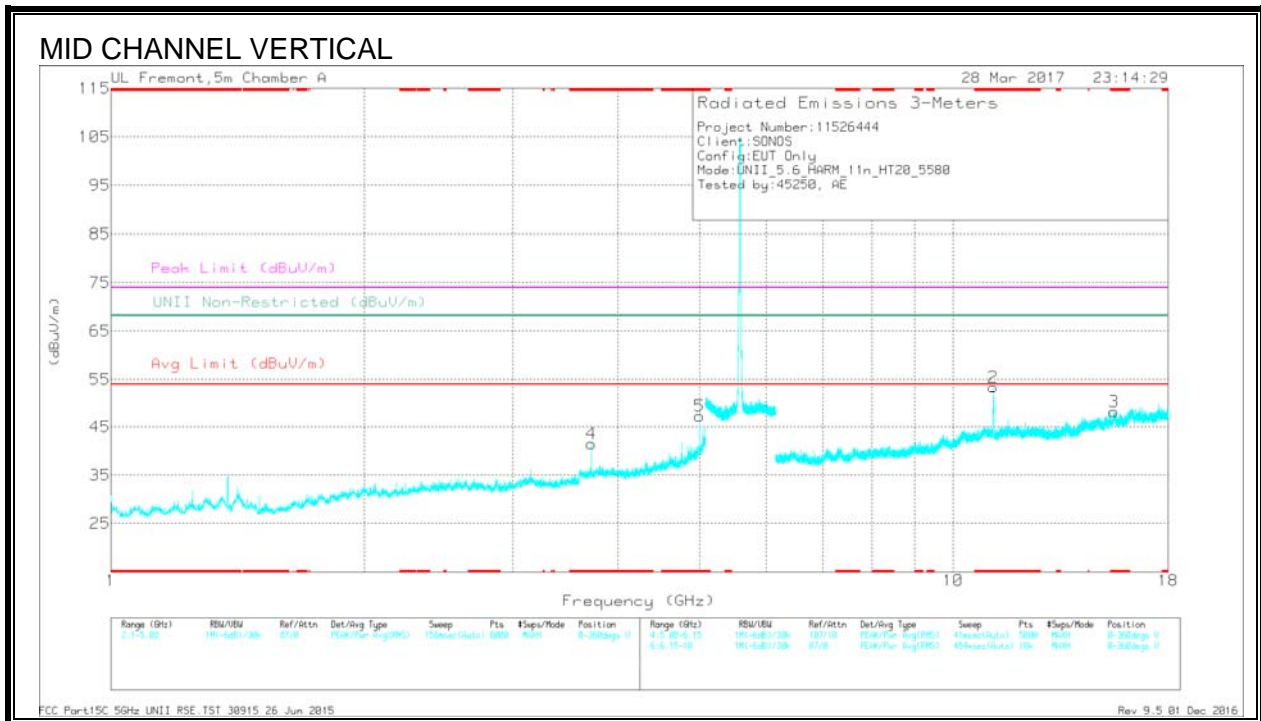
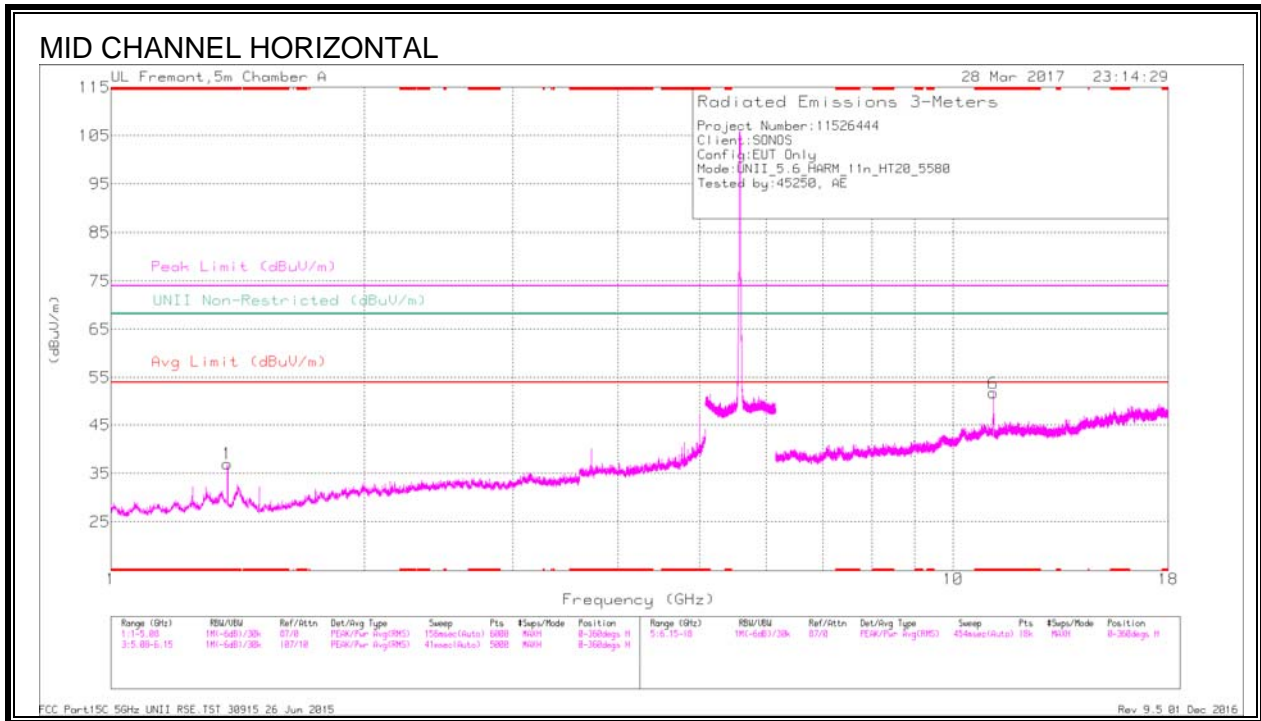
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cbl/Ftr/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)	Altitude (Degs)	Height (cm)	Polarity
* 1.375	46.33	PK-U	29.3	-33.4	0	42.23	-	-	74	-31.77	-	-	270	130	H
* 1.375	41.17	ADR	29.3	-33.4	.37	37.44	54	-16.56	-	-	-	-	270	130	H
* 5	45.06	PK-U	34.1	-27.5	0	51.66	-	-	74	-22.34	-	-	190	206	V
* 5	38.57	ADR	34.1	-27.5	.37	45.54	54	-8.46	-	-	-	-	190	206	V
* 3.667	42.79	PK-U	33.1	-30.8	0	45.09	-	-	74	-28.91	-	-	355	219	V
* 3.667	35.72	ADR	33.1	-30.8	.37	38.39	54	-15.61	-	-	-	-	355	219	V
* 11	43.42	PK-U	37.8	-20.2	0	61.02	-	-	74	-12.98	-	-	126	112	H
* 11	30.04	ADR	37.8	-20.2	.37	48.01	54	-5.99	-	-	-	-	126	112	H
* 11	44.19	PK-U	37.8	-20.2	0	61.79	-	-	74	-12.21	-	-	86	112	V
* 11	31.34	ADR	37.8	-20.2	.37	49.31	54	-4.69	-	-	-	-	86	112	V
* 15.558	32.63	PK-U	40.3	-19.3	0	53.63	-	-	74	-20.37	-	-	16	150	V
* 15.557	21.78	ADR	40.3	-19.3	.37	43.15	54	-10.85	-	-	-	-	16	150	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cbl/Ftr/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.375	41.11	PK	29.3	-33.4	0	37.01	-	-	74	-36.99	-	-	0-360	100	H
4	* 3.72	38.95	PK	33	-30.4	0	41.55	-	-	74	-32.45	-	-	0-360	101	V
5	* 5	40.66	PK	34.1	-27.5	0	47.26	-	-	74	-26.74	-	-	0-360	200	V
6	* 11.159	33.86	PK	37.8	-20	0	51.66	-	-	74	-22.34	-	-	0-360	101	H
2	* 11.16	35.52	PK	37.8	-20	0	53.32	-	-	74	-20.68	-	-	0-360	101	V
3	* 15.513	26.76	PK	40.3	-18.9	0	48.16	-	-	74	-25.84	-	-	0-360	200	V

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

PK - Peak detector

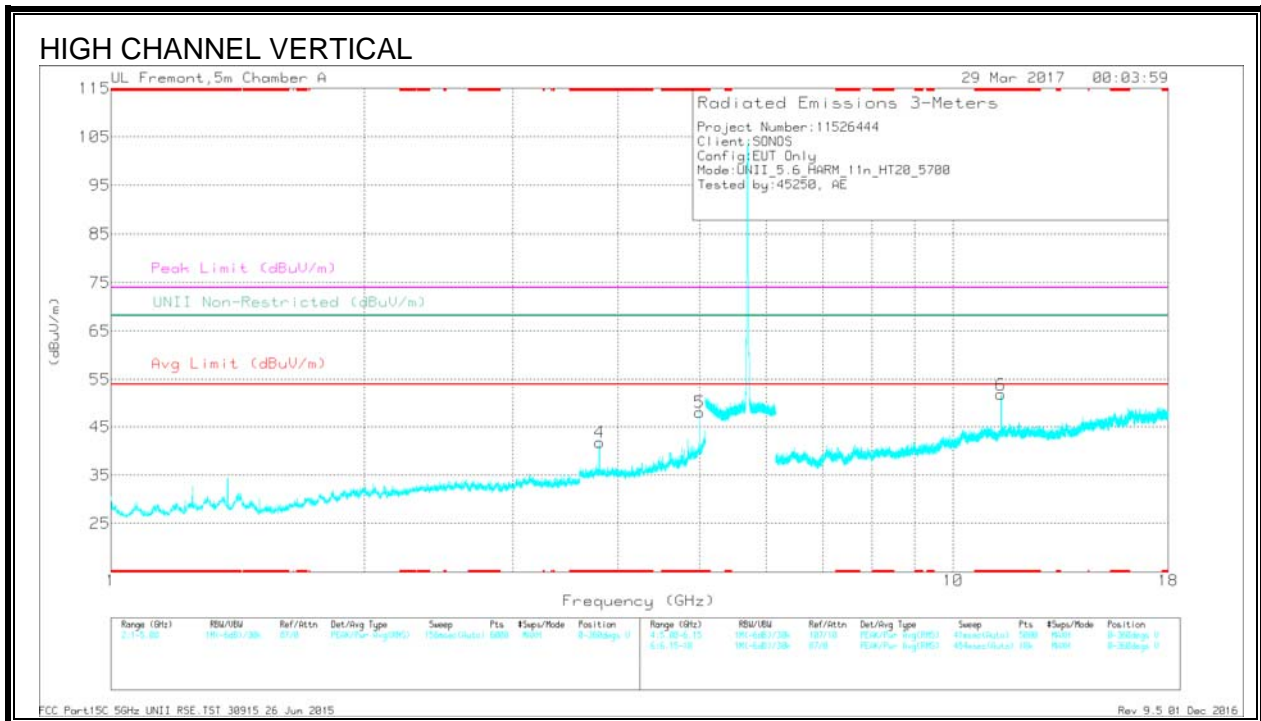
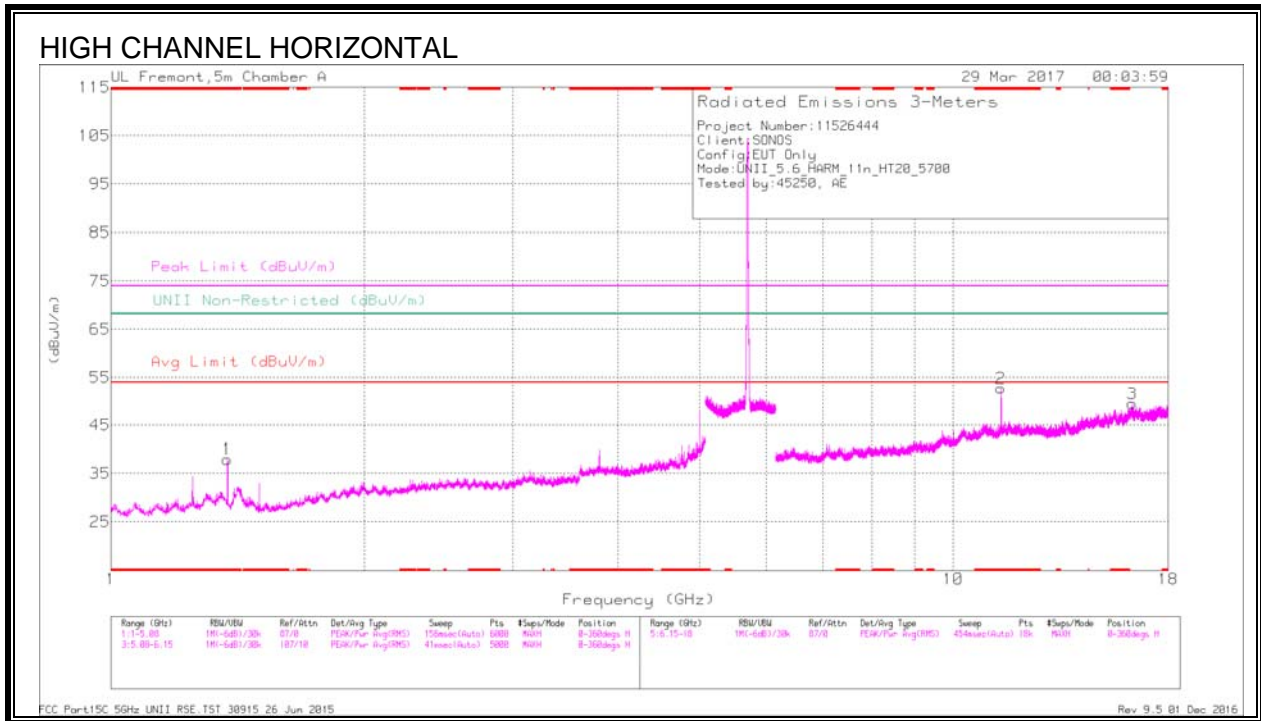
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cbl/Ftr/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)	Altitude (Degs)	Height (cm)	Polarity
* 1.375	46.35	PK-U	29.3	-33.4	0	42.25	-	-	74	-31.75	-	-	267	178	H
* 1.375	41.19	ADR	29.3	-33.4	-37	37.46	54	-16.54	-	-	-	-	267	178	H
* 3.72	43.64	PK-U	33	-30.4	0	46.24	-	-	74	-27.76	-	-	329	101	V
* 3.72	37.65	ADR	33	-30.4	-37	40.62	54	-13.38	-	-	-	-	329	101	V
* 5	48	PK-U	34.1	-27.5	0	54.6	-	-	74	-19.4	-	-	316	285	V
* 5	40.62	ADR	34.1	-27.5	-37	47.59	54	-6.41	-	-	-	-	316	285	V
* 11.16	42.27	PK-U	37.8	-20	0	60.07	-	-	74	-13.93	-	-	318	126	H
* 11.16	28.69	ADR	37.8	-20	-37	46.86	54	-7.14	-	-	-	-	318	126	H
* 11.16	41.71	PK-U	37.8	-20	0	59.51	-	-	74	-14.49	-	-	354	101	V
* 11.16	28.05	ADR	37.8	-20	-37	46.22	54	-7.78	-	-	-	-	354	101	V
* 15.511	32.84	PK-U	40.3	-19	0	54.14	-	-	74	-19.86	-	-	359	115	V
* 15.512	21.85	ADR	40.3	-19	-37	43.52	54	-10.48	-	-	-	-	359	115	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Trace Markers

Marker	Frequency(GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/CM/Ftr/Psd (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)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.375	42.07	Pk	29.3	-33.4	0	37.97	-	-	74	-36.03	-	-	0-360	101	H
4	* 3.8	38.15	Pk	33.1	-29.5	0	41.75	-	-	74	-32.25	-	-	0-360	101	V
5	* 5	41.48	Pk	34.1	-27.5	0	48.08	-	-	74	-25.92	-	-	0-360	200	V
2	* 11.399	34.18	Pk	38	-19.5	0	52.68	-	-	74	-21.32	-	-	0-360	101	H
6	* 11.397	33.33	Pk	38	-19.5	0	51.83	-	-	74	-22.17	-	-	0-360	101	V
3	16.305	28.29	Pk	41.4	-20.2	0	49.49	-	-	-	-	68.2	-18.71	0-360	199	H

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

Pk - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/CM/Ftr/Psd (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)	Altitude (Degs)	Height (cm)	Polarity
* 1.375	46.29	PK-U	29.3	-33.4	0	42.19	-	-	74	-31.81	-	-	267	140	H
* 1.375	41.25	ADR	29.3	-33.4	.37	37.52	54	-16.48	-	-	-	-	267	140	H
* 3.8	42.61	PK-U	33.1	-29.5	0	46.21	-	-	74	-27.79	-	-	312	281	V
* 3.8	36.11	ADR	33.1	-29.5	.37	40.08	54	-13.92	-	-	-	-	312	281	V
* 5	45.39	PK-U	34.1	-27.5	0	51.99	-	-	74	-22.01	-	-	189	200	V
* 5	38.63	ADR	34.1	-27.5	.37	45.6	54	-8.4	-	-	-	-	189	200	V
* 11.4	40.66	PK-U	38	-19.5	0	59.16	-	-	74	-14.84	-	-	341	112	H
* 11.4	27.61	ADR	38	-19.5	.37	46.48	54	-7.52	-	-	-	-	341	112	H
* 11.397	40.13	PK-U	38	-19.5	0	58.63	-	-	74	-15.37	-	-	11	101	V
* 11.398	28.57	ADR	38	-19.5	.37	47.44	54	-6.56	-	-	-	-	11	101	V
16.305	32.74	PK-U	41.4	-20.2	0	53.94	-	-	-	-	68.2	-14.26	360	151	H

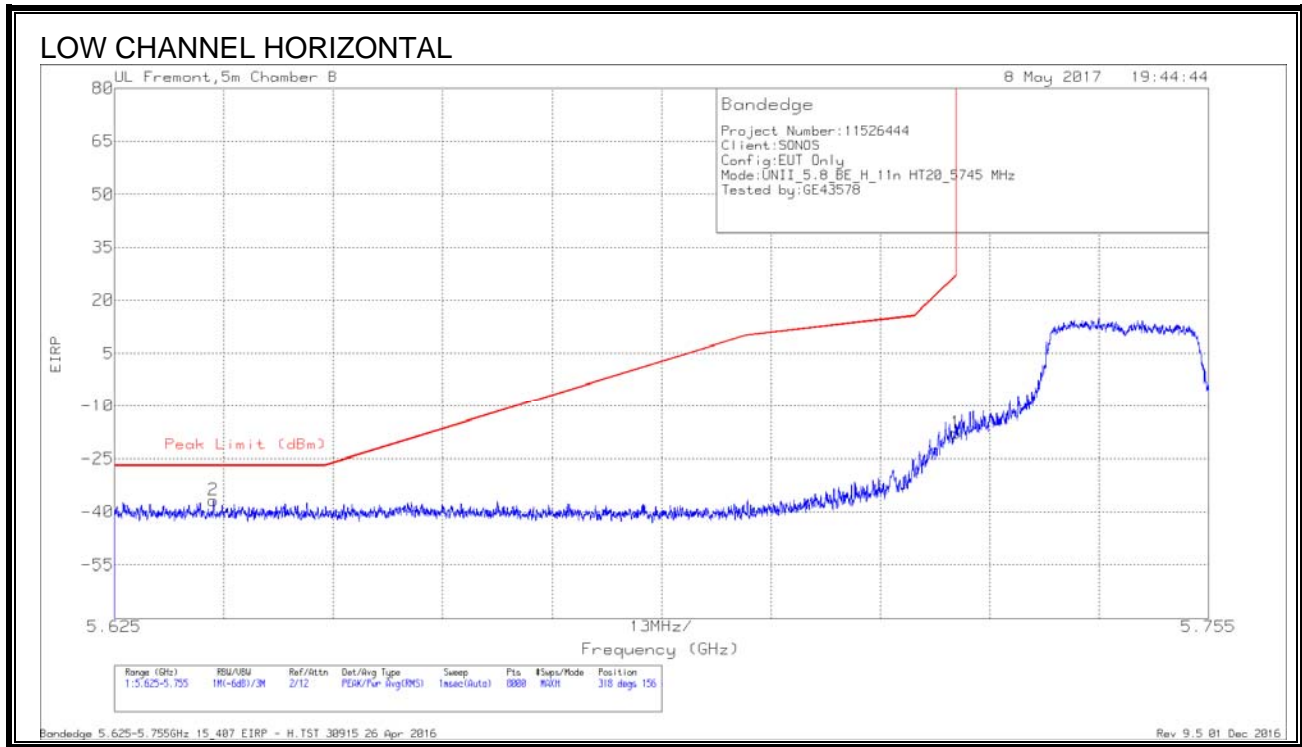
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.1.7. 11n HT20 2TX CDD MIMO MODE IN THE 5.8GHz BAND

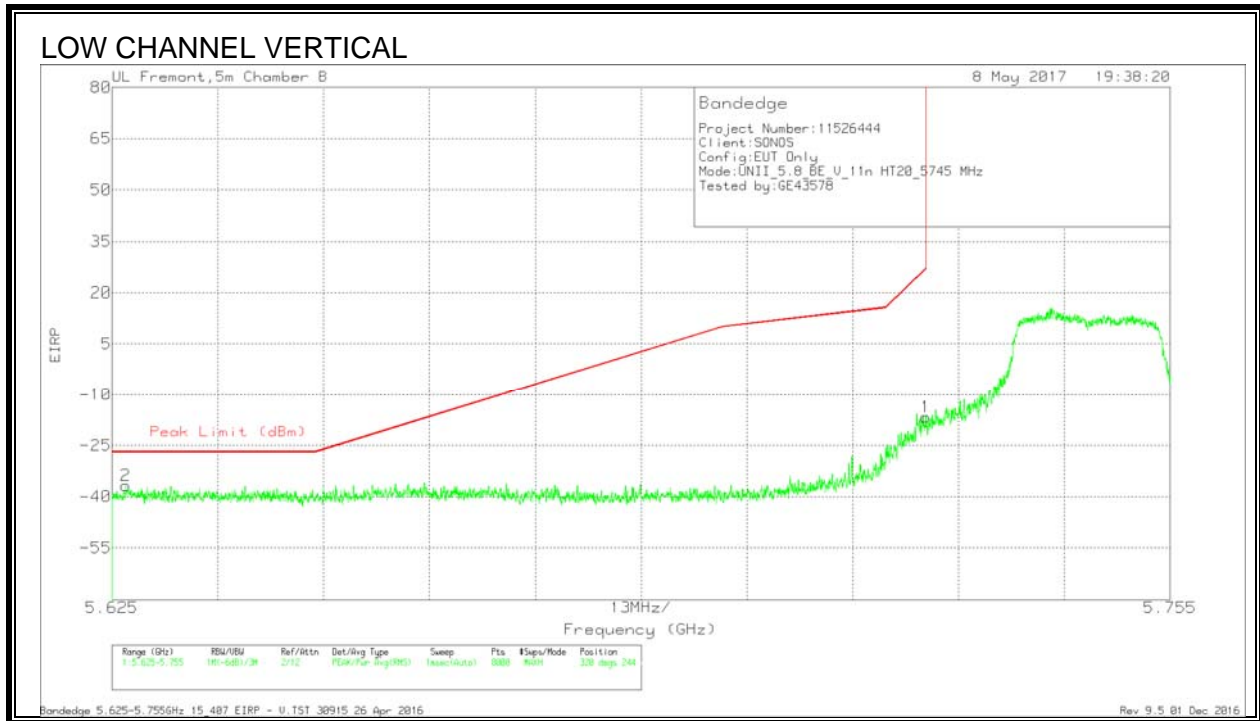
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.637	-63.88	Pk	35	-19.6	11.8	-36.68	-27	-9.68	318	156	H
1	5.725	-45.06	Pk	35.1	-19.6	11.8	-17.76	27	-44.76	318	156	H

Pk - Peak detector

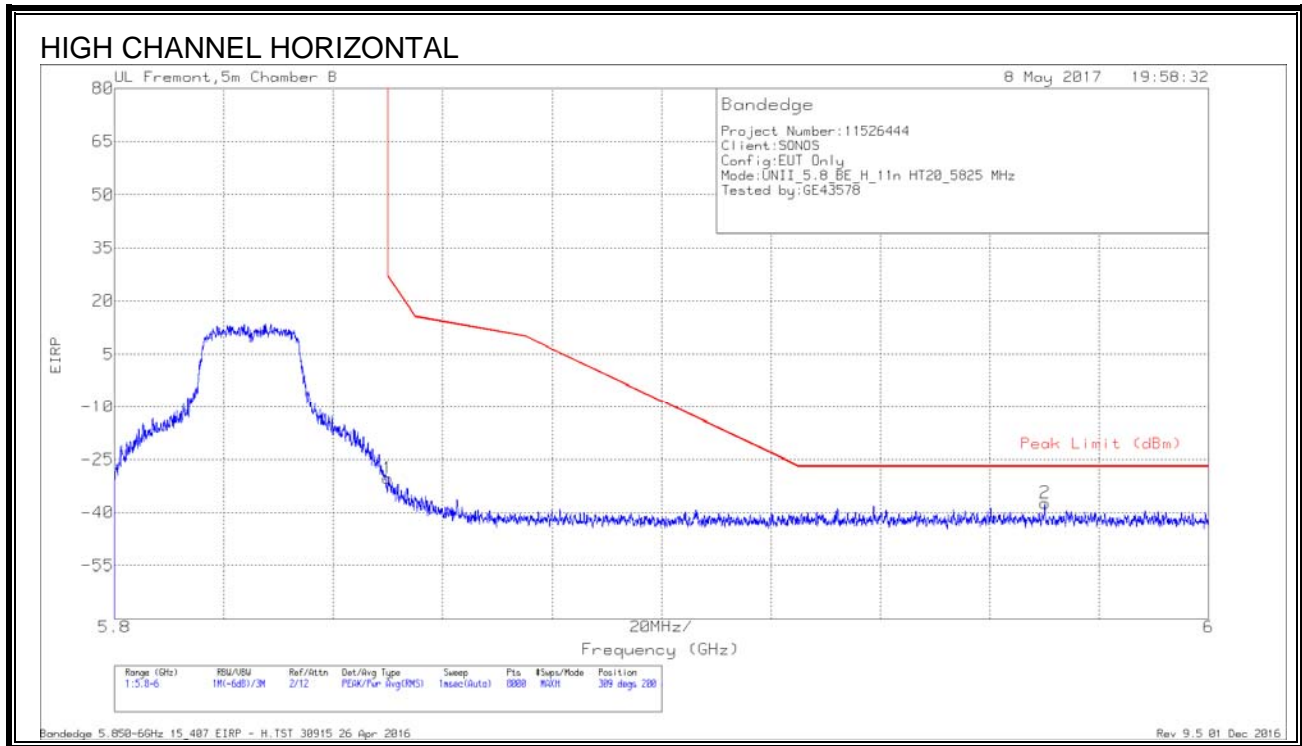


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cb/Fitr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627	-64.18	Pk	35	-19.4	11.8	-36.78	-27	-9.78	320	244	V
1	5.725	-44	Pk	35.1	-19.6	11.8	-16.7	27	-43.7	320	244	V

Pk - Peak detector

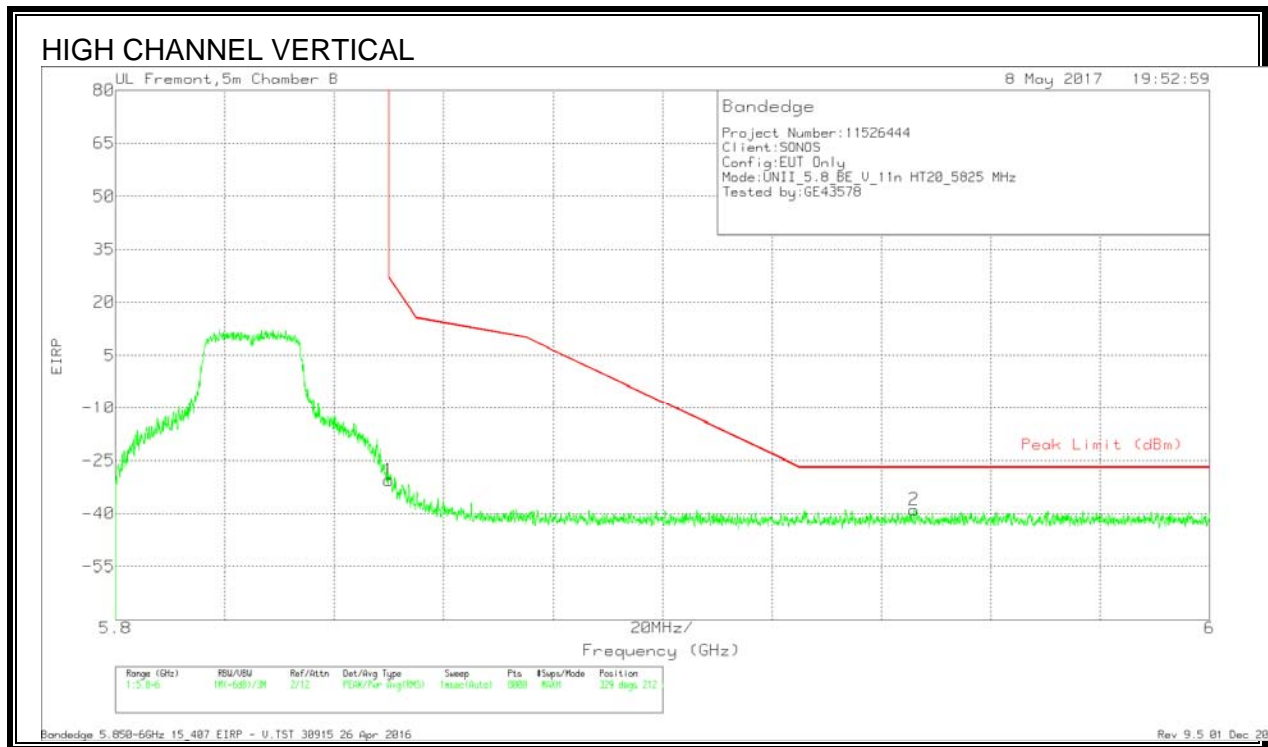
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.53	Pk	35.2	-19.7	11.8	-30.23	26.99	-57.22	309	200	H
2	5.97	-65.26	Pk	35.3	-19.2	11.8	-37.36	-27	-10.36	309	200	H

Pk - Peak detector

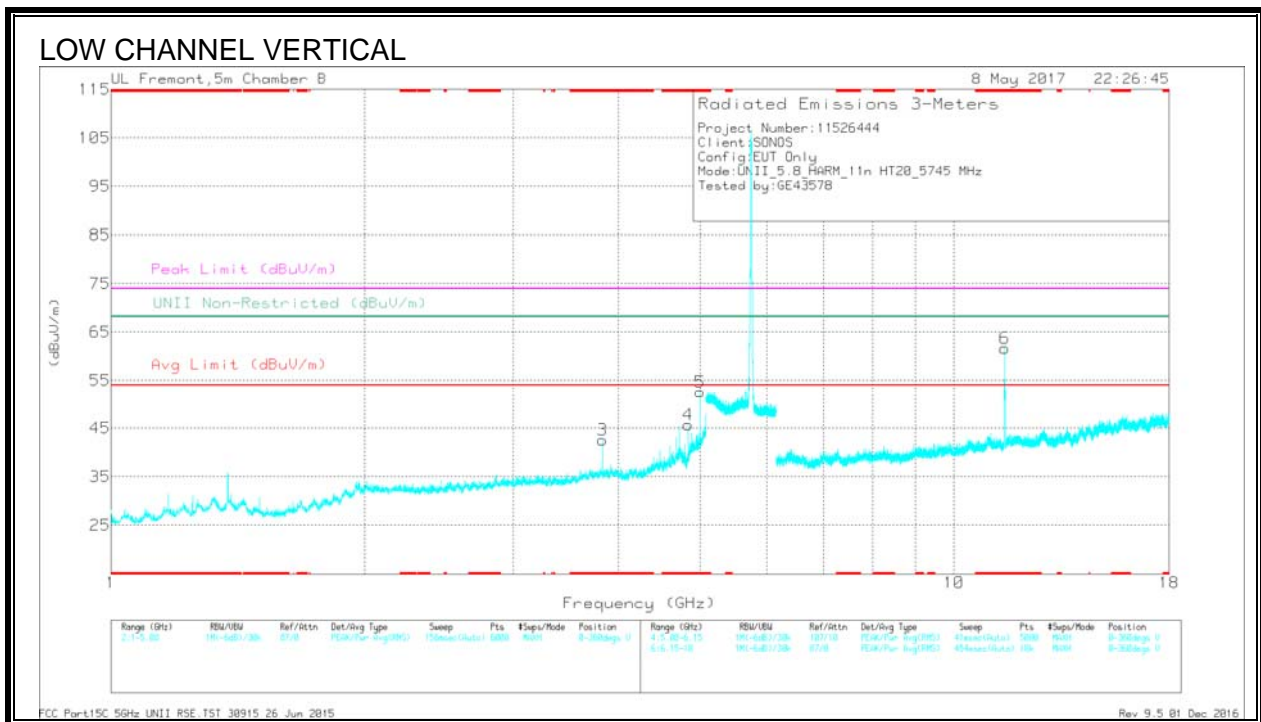
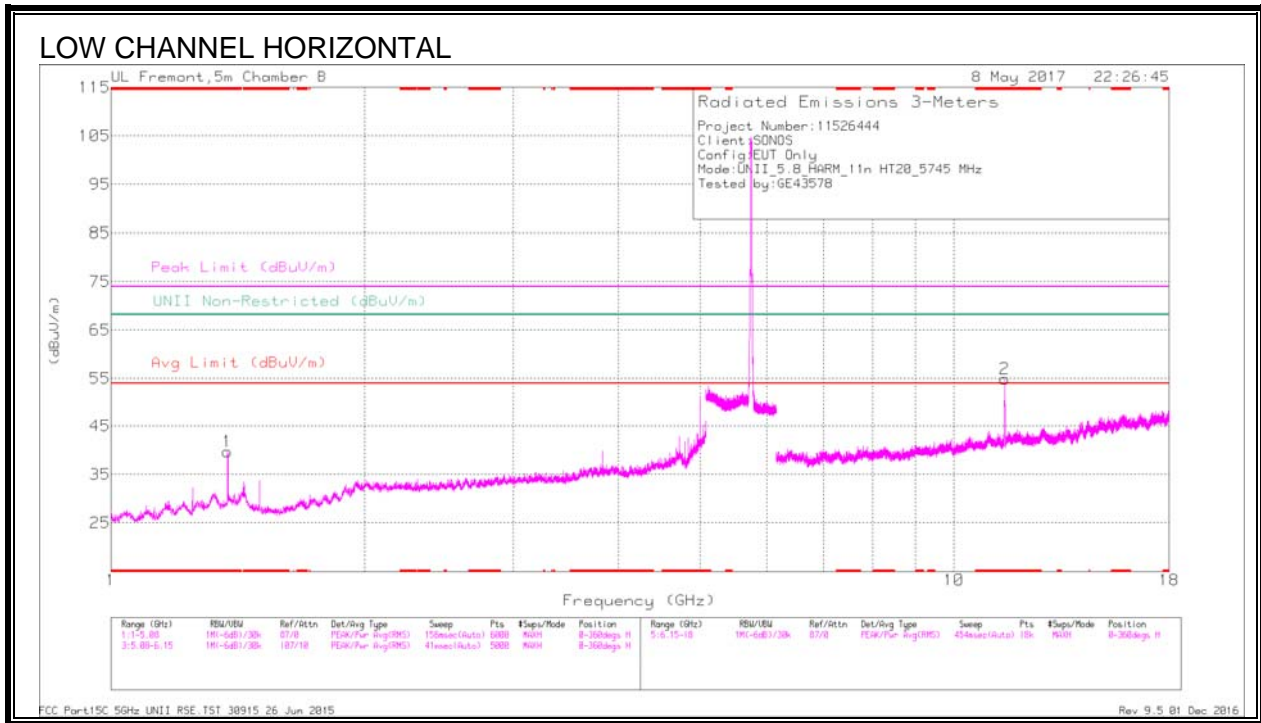


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.87	Pk	35.2	-19.7	11.8	-30.57	26.99	-57.56	329	212	V
2	5.946	-66.79	Pk	35.3	-19.2	11.8	-38.89	-27	-11.89	329	212	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

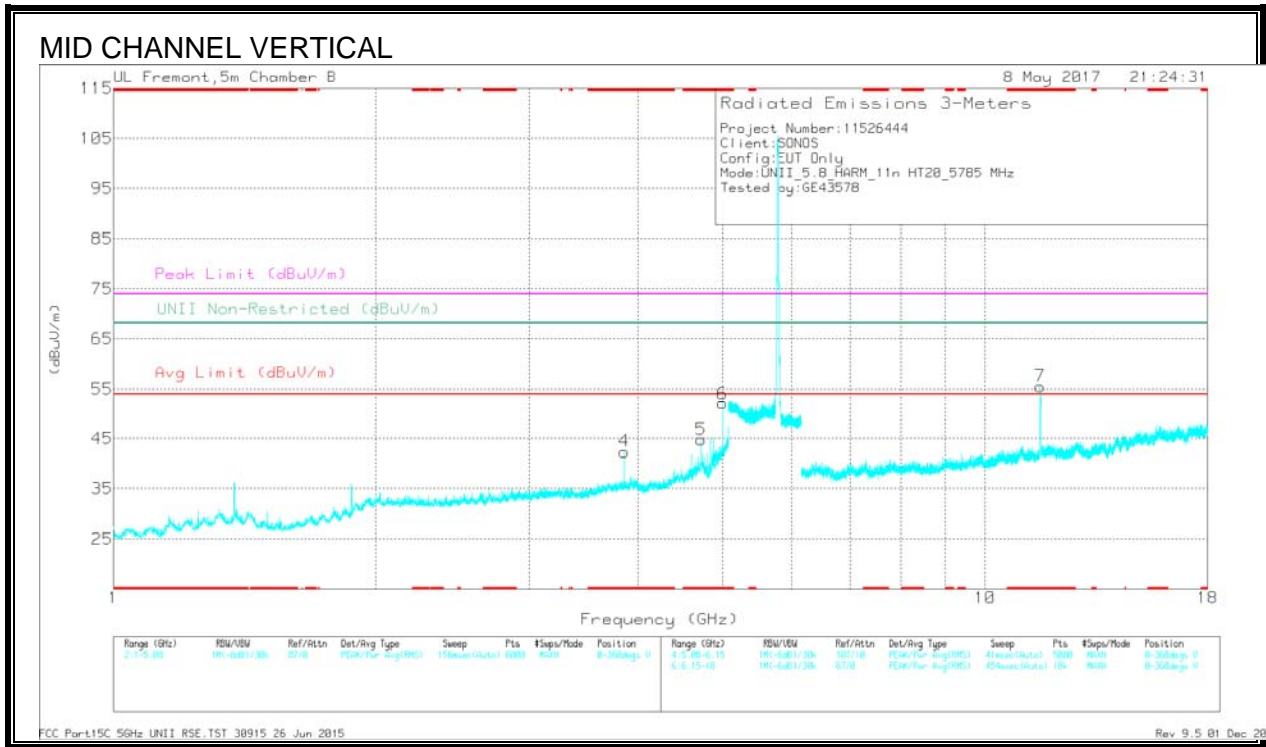
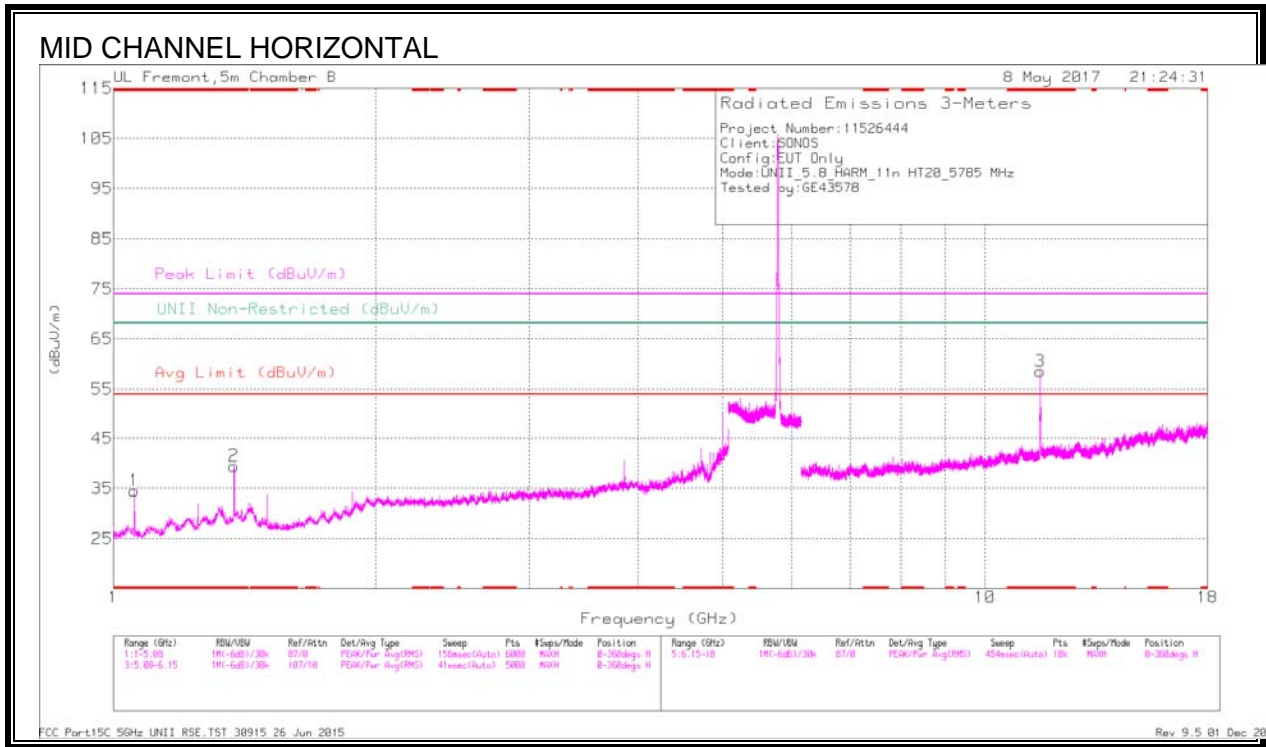
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.375	44.23	Pk	28.8	-33.3	0	39.73	-	-	74	-34.27	-	-	0-360	199	H
3	* 3.83	39.67	Pk	33.7	-30.8	0	42.57	-	-	74	-31.43	-	-	0-360	200	V
4	* 4.84	41.33	Pk	34.4	-30	0	45.73	-	-	74	-28.27	-	-	0-360	200	V
5	* 5	45.89	Pk	34.5	-27.8	0	52.59	-	-	74	-21.41	-	-	0-360	200	V
2	* 11.49	39.57	Pk	38.7	-23.4	0	54.87	-	-	74	-19.13	-	-	0-360	102	H
6	* 11.489	46.33	Pk	38.7	-23.4	0	61.63	-	-	74	-12.37	-	-	0-360	102	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug 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
* 1.375	46.17	PK-U	28.8	-33.3	0	43.67	-	-	74	-30.33	-	-	205	203	H
* 1.375	42.88	ADR	28.8	-33.3	-37	38.75	54	-15.25	-	-	-	-	205	203	H
* 3.83	44.53	PK-U	33.7	-30.8	0	47.43	-	-	74	-26.57	-	-	324	182	V
* 3.83	38.3	ADR	33.7	-30.8	-37	41.57	54	-12.43	-	-	-	-	324	182	V
* 4.84	45.9	PK-U	34.4	-30	0	50.3	-	-	74	-23.7	-	-	194	203	V
* 4.84	39.52	ADR	34.4	-30	-37	44.29	54	-9.71	-	-	-	-	194	203	V
* 5	50.19	PK-U	34.5	-27.8	0	56.89	-	-	74	-17.11	-	-	189	222	V
* 5	42.87	ADR	34.5	-27.8	-37	49.94	54	-4.06	-	-	-	-	189	222	V
* 11.49	47.96	PK-U	38.7	-23.4	0	63.26	-	-	74	-10.74	-	-	262	102	H
* 11.49	33.62	ADR	38.7	-23.4	-37	49.29	54	-4.71	-	-	-	-	262	102	H
* 11.49	51.37	PK-U	38.7	-23.4	0	66.67	-	-	74	-7.33	-	-	3	102	V
* 11.49	36.1	ADR	38.7	-23.4	-37	51.77	54	-2.23	-	-	-	-	3	102	V

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



Trace Markers

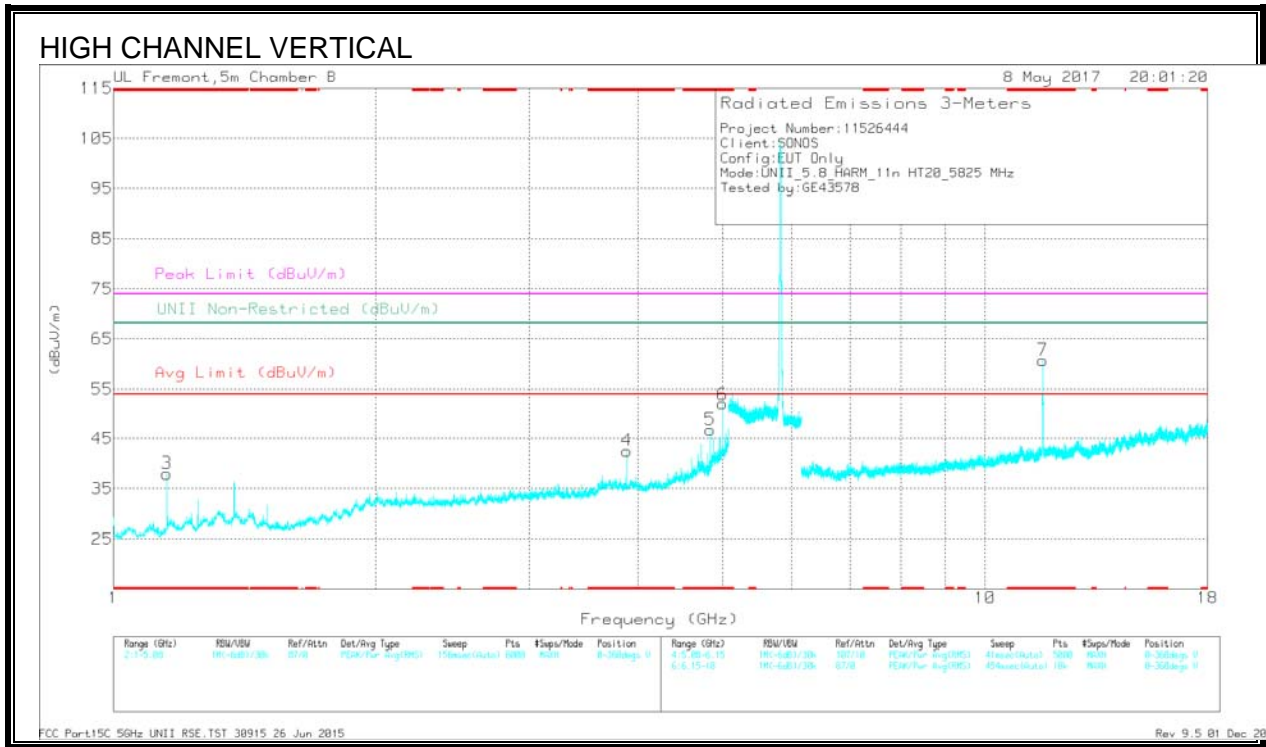
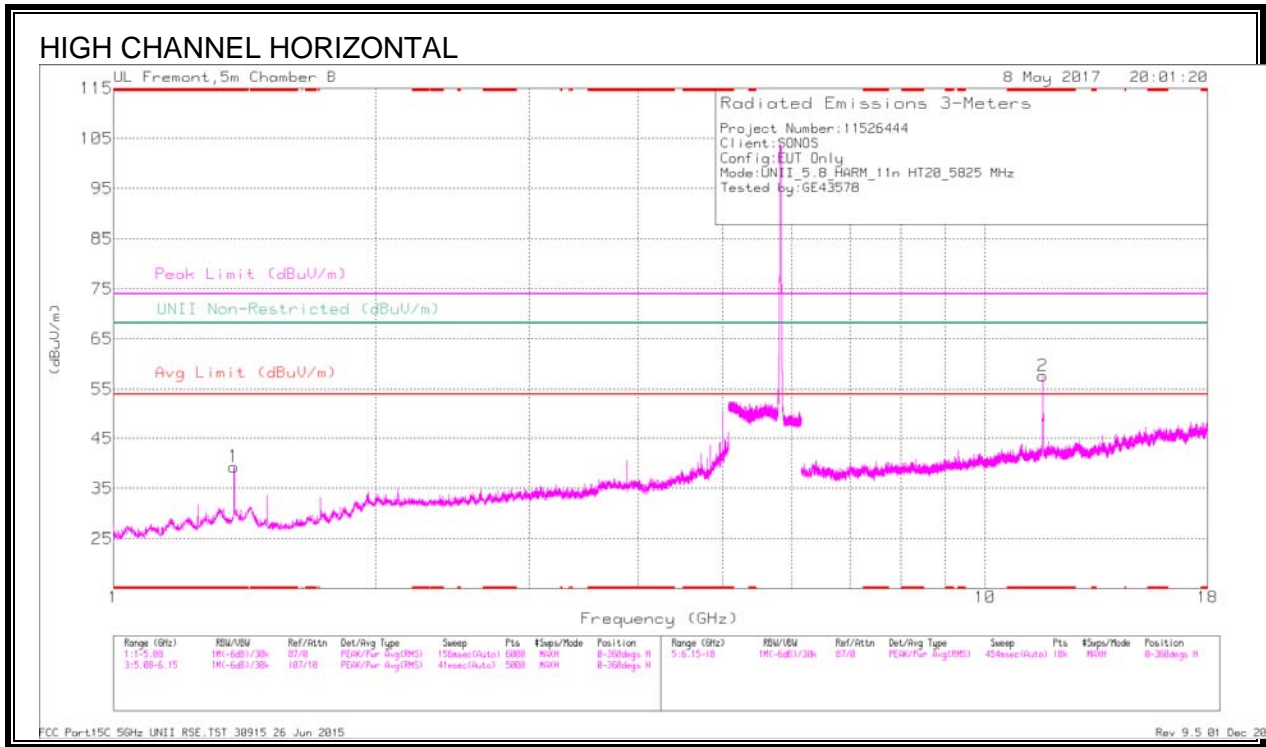
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/FHz/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.057	42.25	Pk	26.4	-34.1	0	34.55	-	-	74	-39.45	-	-	-0.360	199	H
2	* 1.375	43.95	Pk	28.8	-33.3	0	39.45	-	-	74	-34.55	-	-	-0.360	199	H
4	* 3.856	39.59	Pk	33.7	-30.9	0	42.39	-	-	74	-31.61	-	-	-0.360	199	V
5	* 4.72	39.66	Pk	34.4	-29.3	0	44.76	-	-	74	-29.24	-	-	-0.360	199	V
6	* 5	45.33	Pk	34.5	-27.8	0	52.03	-	-	74	-21.97	-	-	-0.360	199	V
3	* 11.57	42.3	Pk	38.7	-22.5	0	58.5	-	-	74	-15.5	-	-	-0.360	102	H
7	* 11.573	39.35	Pk	38.7	-22.5	0	55.55	-	-	74	-18.45	-	-	-0.360	102	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/FHz/Psd (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
* 1.057	41.5	PK-U	26.4	-34.1	0	33.3	-	-	74	-40.2	-	-	93	137	H
* 1.056	29.19	ADR	26.4	-34.1	.37	21.86	54	-32.14	-	-	-	-	93	137	H
* 1.375	48.45	PK-U	28.8	-33.3	0	43.95	-	-	74	-30.05	-	-	209	107	H
* 1.375	42.85	ADR	28.8	-33.3	.37	38.72	54	-15.28	-	-	-	-	209	107	H
* 3.857	44.98	PK-U	33.7	-30.9	0	47.78	-	-	74	-26.22	-	-	321	204	V
* 3.857	38.74	ADR	33.7	-30.9	.37	41.91	54	-12.09	-	-	-	-	321	204	V
* 4.72	45.63	PK-U	34.4	-29.3	0	50.73	-	-	74	-23.27	-	-	264	178	V
* 4.72	36.29	ADR	34.4	-29.3	.37	41.76	54	-12.24	-	-	-	-	264	178	V
* 5	50.6	PK-U	34.5	-27.8	0	57.3	-	-	74	-16.7	-	-	186	291	V
* 5	44.03	ADR	34.5	-27.8	.37	51.1	54	-2.9	-	-	-	-	186	291	V
* 11.57	47.27	PK-U	38.7	-22.5	0	63.47	-	-	74	-10.53	-	-	4	115	H
* 11.57	33.06	ADR	38.7	-22.5	.37	49.63	54	-4.37	-	-	-	-	4	115	H
* 11.57	49.23	PK-U	38.7	-22.5	0	65.43	-	-	74	-8.57	-	-	48	278	V
* 11.57	34.48	ADR	38.7	-22.5	.37	51.05	54	-2.95	-	-	-	-	48	278	V

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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/FHz/Psd (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	* 1.151	44.78	Pk	27.2	-34	0	37.98	-	-	74	-36.02	-	-	-0.360	102	V
1	* 1.375	43.79	Pk	28.8	-33.3	0	39.29	-	-	74	-34.71	-	-	-0.360	199	H
7	* 11.649	44.41	Pk	38.9	-22.6	0	60.71	-	-	74	-13.29	-	-	-0.360	102	V
2	* 11.65	41.39	Pk	38.9	-22.6	0	57.69	-	-	74	-16.31	-	-	-0.360	102	H
4	* 3.884	39.42	Pk	33.7	-30.6	0	42.52	-	-	74	-31.48	-	-	-0.360	102	V
5	* 4.84	42.36	Pk	34.4	-30	0	46.76	-	-	74	-27.24	-	-	-0.360	200	V
6	* 5	45.21	Pk	34.5	-27.8	0	51.91	-	-	74	-22.09	-	-	-0.360	200	V

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

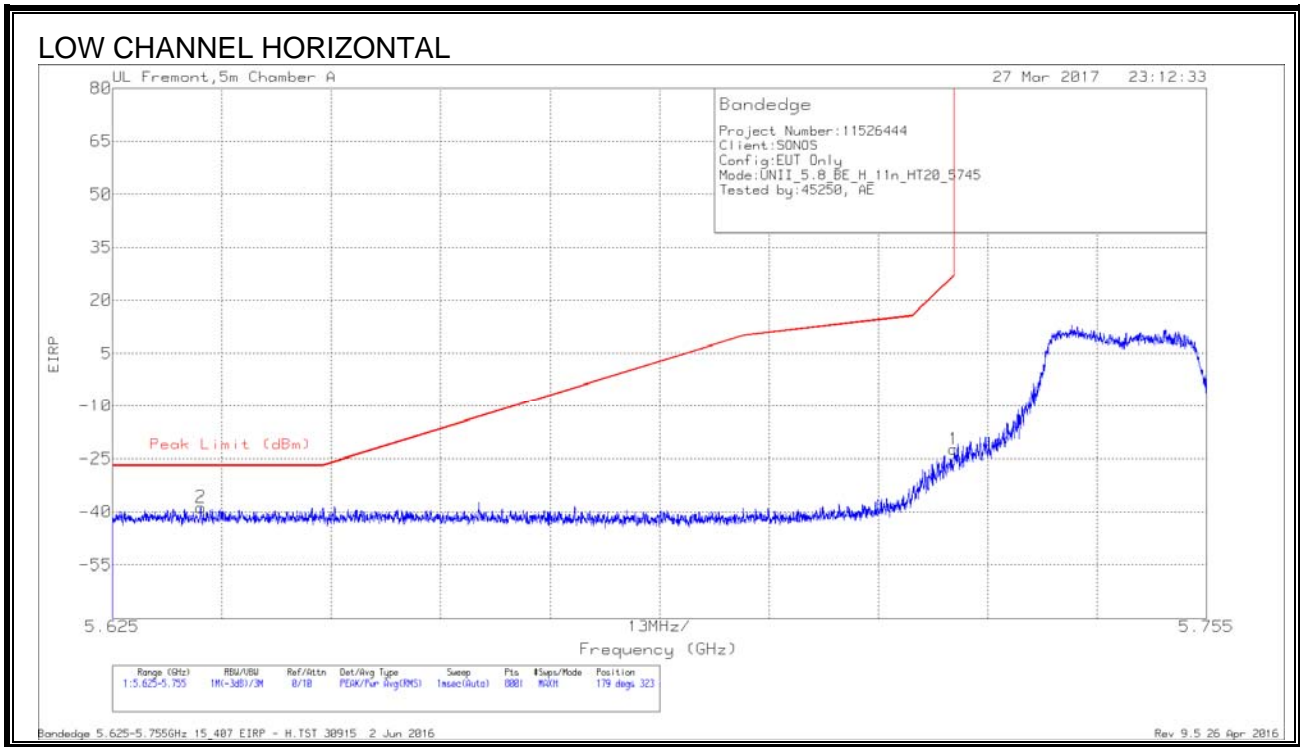
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/FHz/Psd (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
* 1.375	48.41	PK-U	28.8	-33.3	0	43.91	-	-	74	-30.09	-	-	204	208	H
* 1.375	42.59	ADR	28.8	-33.3	.37	38.46	54	-15.54	-	-	-	-	204	208	H
* 1.152	41.75	PK-U	27.2	-34	0	34.95	-	-	74	-39.05	-	-	222	357	V
* 1.152	29.61	ADR	27.2	-34	.37	23.18	54	-30.82	-	-	-	-	222	357	V
* 3.883	45.18	PK-U	33.7	-30.6	0	48.28	-	-	74	-25.72	-	-	293	105	V
* 3.883	39.7	ADR	33.7	-30.6	.37	43.17	54	-10.83	-	-	-	-	293	105	V
* 4.84	45.49	PK-U	34.4	-30	0	49.89	-	-	74	-24.11	-	-	191	203	V
* 4.84	36.8	ADR	34.4	-30	.37	41.57	54	-12.43	-	-	-	-	191	203	V
* 5	51.33	PK-U	34.5	-27.8	0	58.03	-	-	74	-15.97	-	-	173	191	V
* 5	44.48	ADR	34.5	-27.8	.37	51.55	54	-2.45	-	-	-	-	173	191	V
* 11.65	48.14	PK-U	38.9	-22.6	0	64.44	-	-	74	-9.56	-	-	132	105	H
* 11.65	34.37	ADR	38.9	-22.6	.37	51.04	54	-2.96	-	-	-	-	132	105	H
* 11.65	50.03	PK-U	38.9	-22.6	0	66.33	-	-	74	-7.67	-	-	75	112	V
* 11.65	36.35	ADR	38.9	-22.6	.37	53.02	54	-.98	-	-	-	-	75	112	V

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

10.1.8. 11n HT20 3TX CDD MIMO MODE IN THE 5.8GHZ BAND

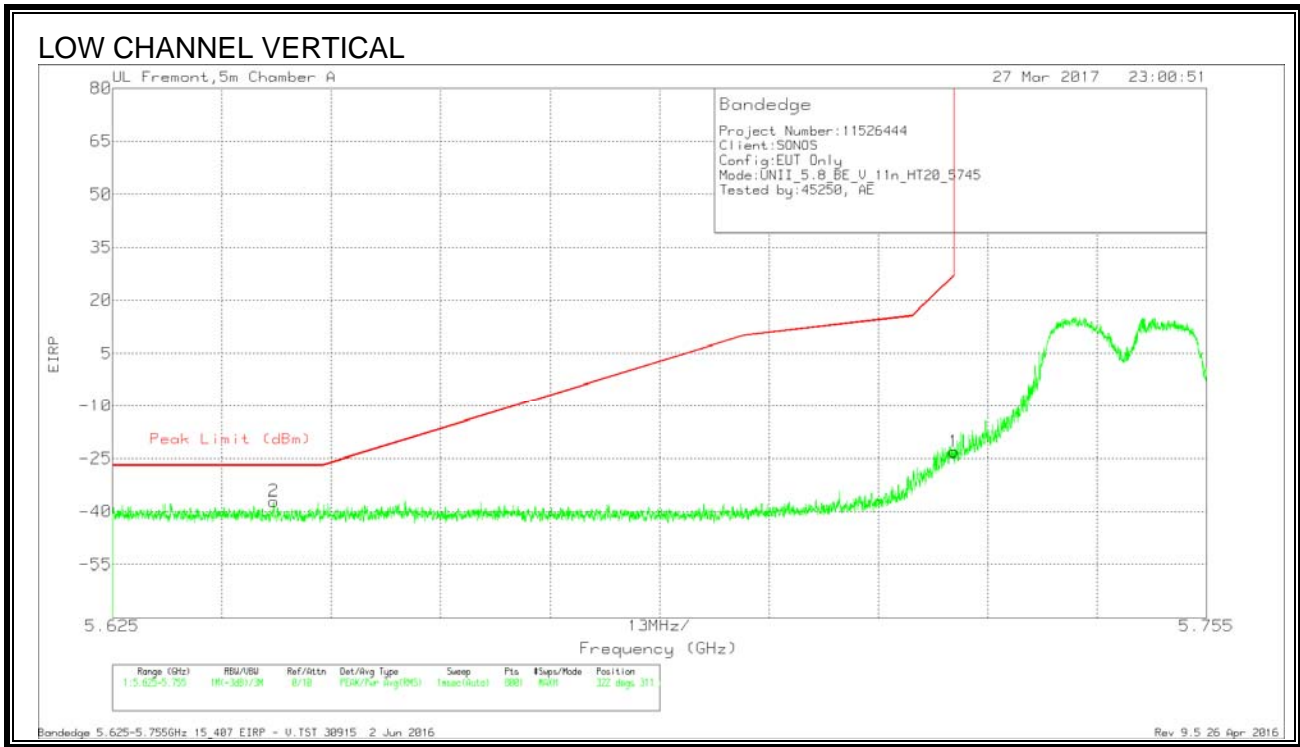
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.635	-66.33	Pk	34.7	-19	11.8	-38.83	-27	-11.83	179	323	H
1	5.725	-50.04	Pk	34.8	-19	11.8	-22.44	26.97	-49.41	179	323	H

Pk - Peak detector

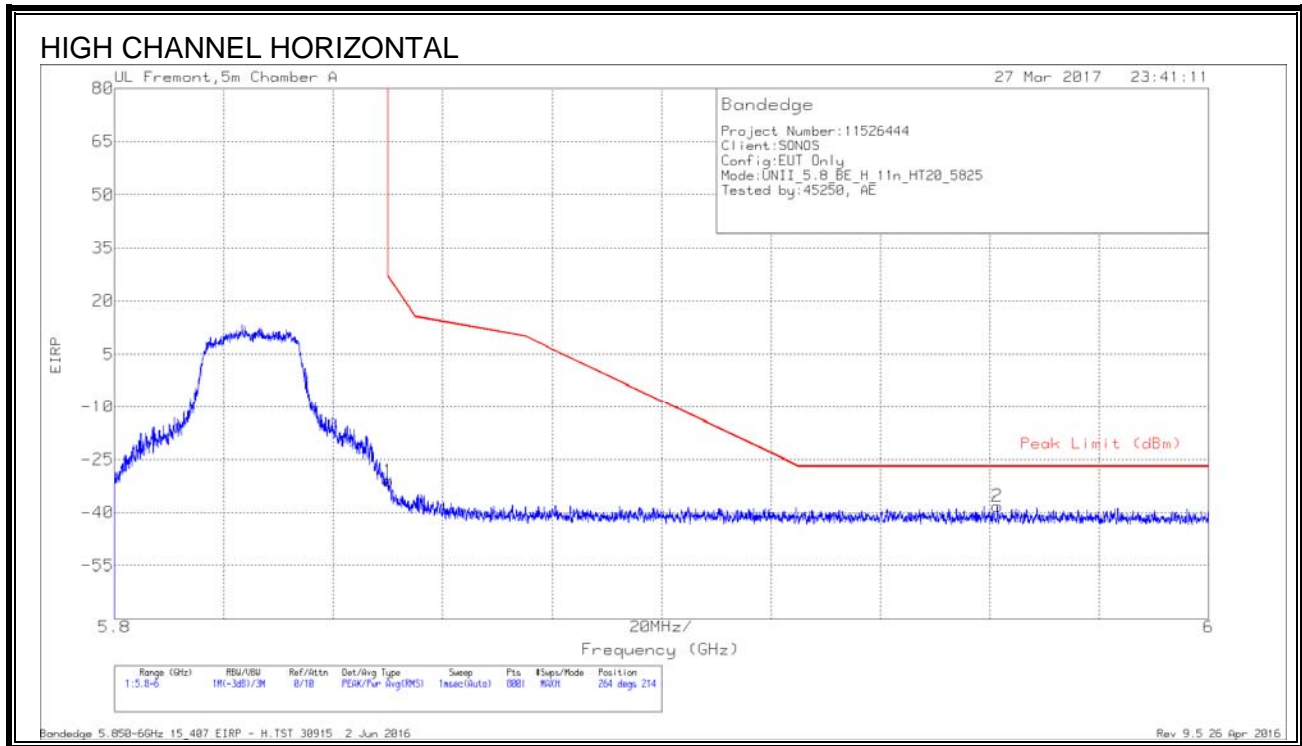


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644	-64.59	Pk	34.7	-19	11.8	-37.09	-27	-10.09	322	311	V
1	5.725	-50.78	Pk	34.8	-19	11.8	-23.18	26.97	-50.15	322	311	V

Pk - Peak detector

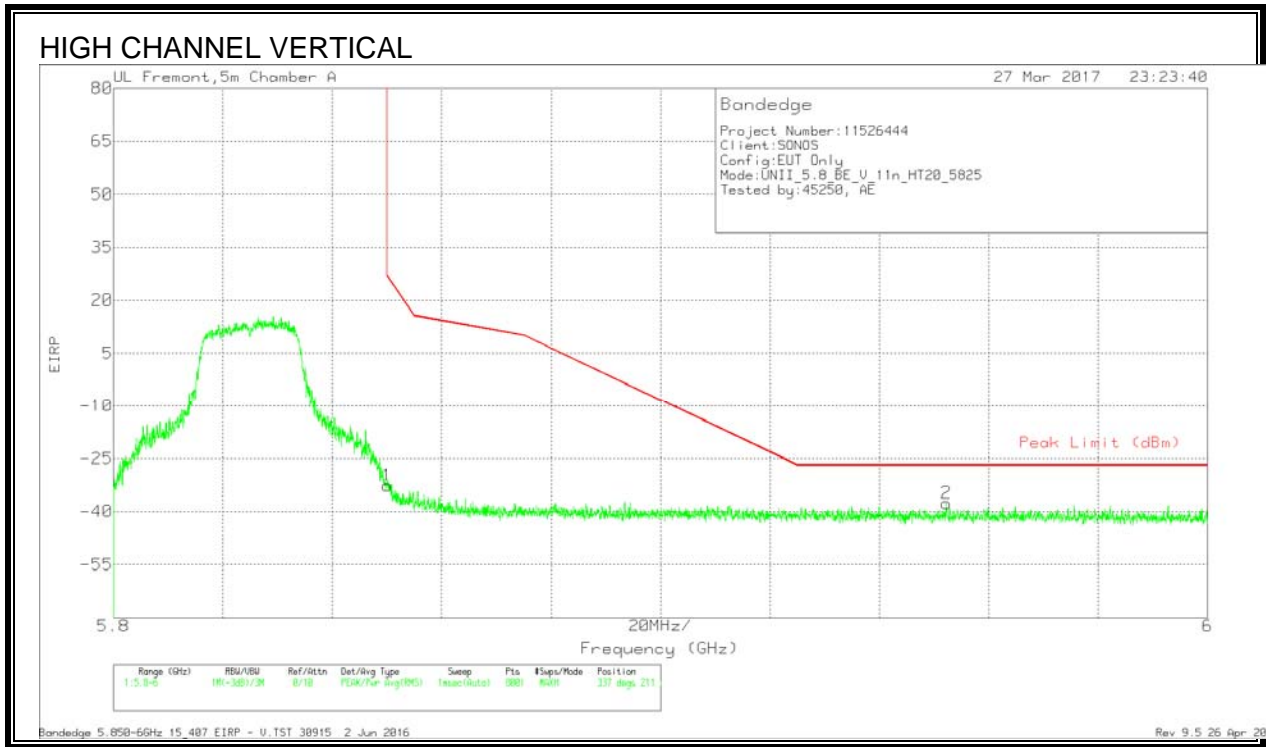
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.81	Pk	34.8	-18.8	11.8	-31.01	26.94	-57.95	264	214	H
2	5.961	-66.52	Pk	35.1	-18.6	11.8	-38.22	-27	-11.22	264	214	H

Pk - Peak detector

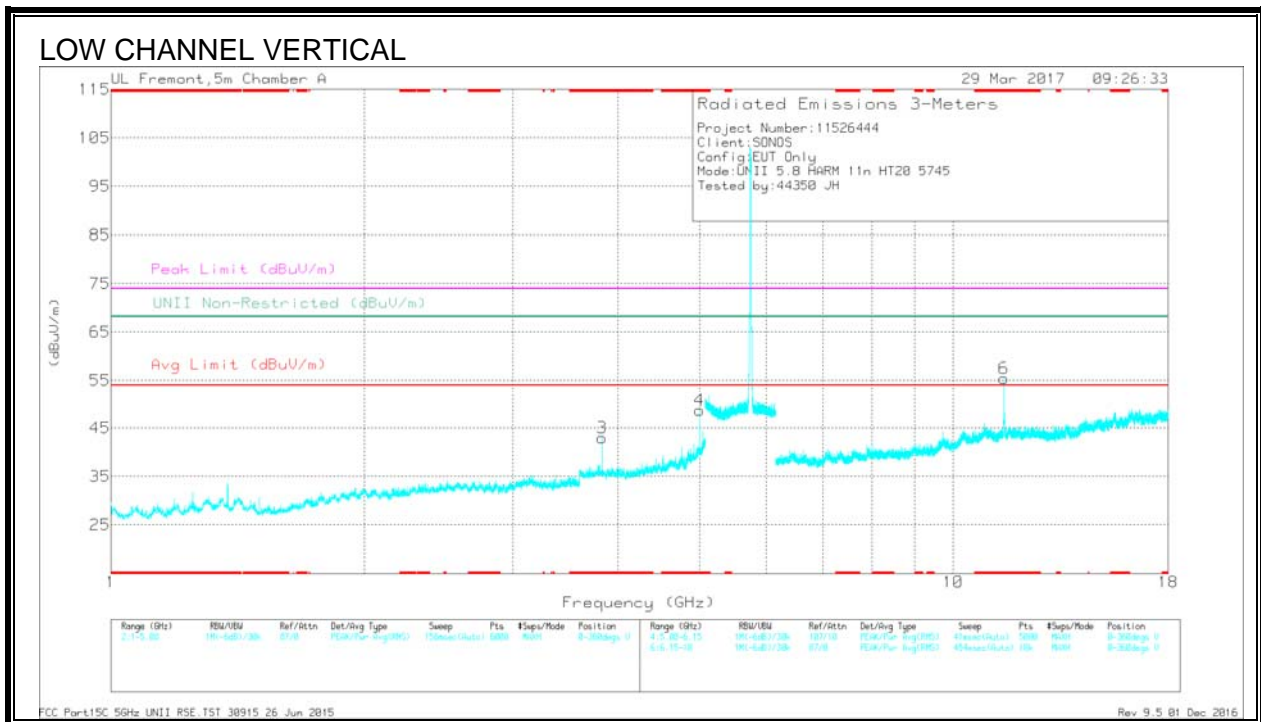
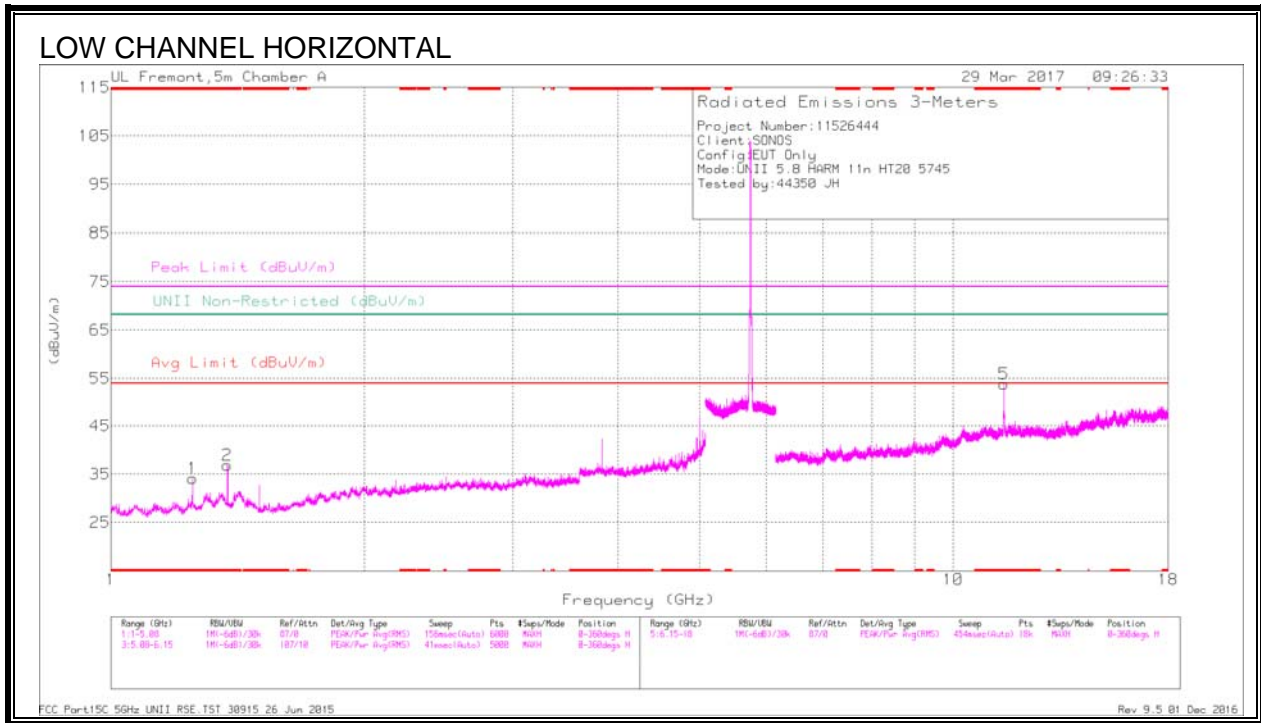


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.41	Pk	34.8	-18.8	11.8	-32.61	26.94	-59.55	337	211	V
2	5.952	-66.02	Pk	35.1	-18.5	11.8	-37.62	-27	-10.62	337	211	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

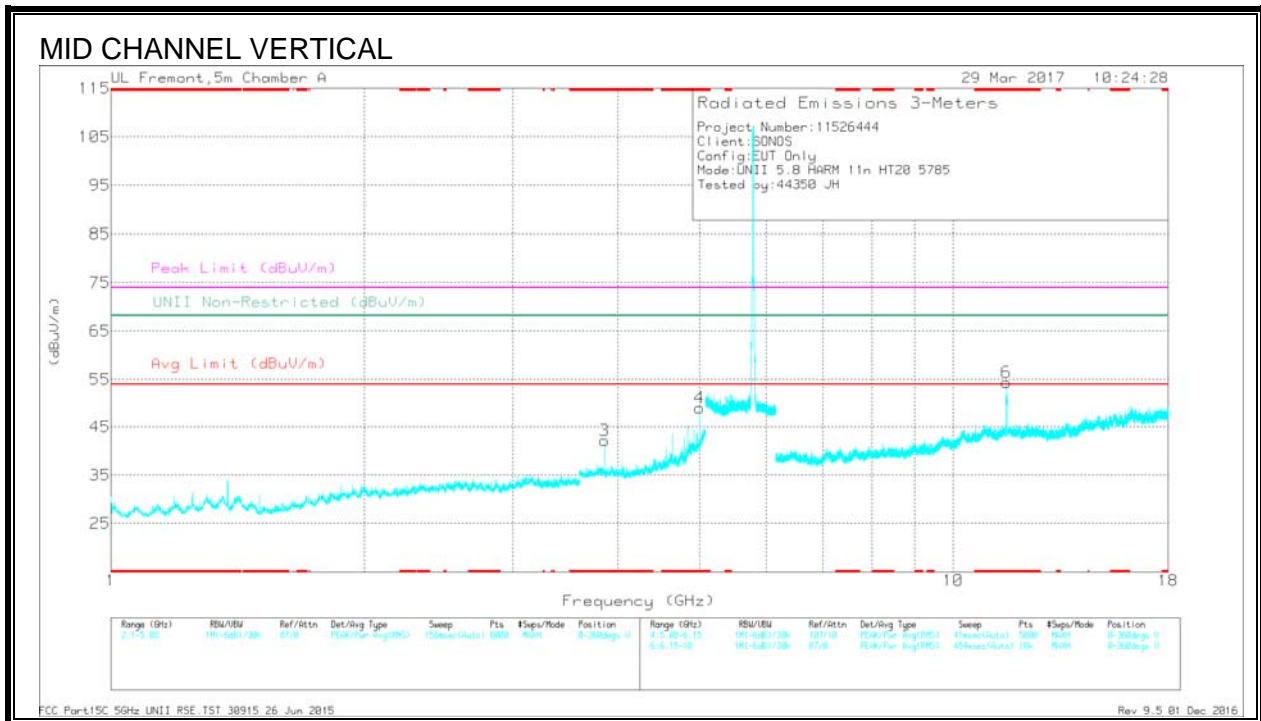
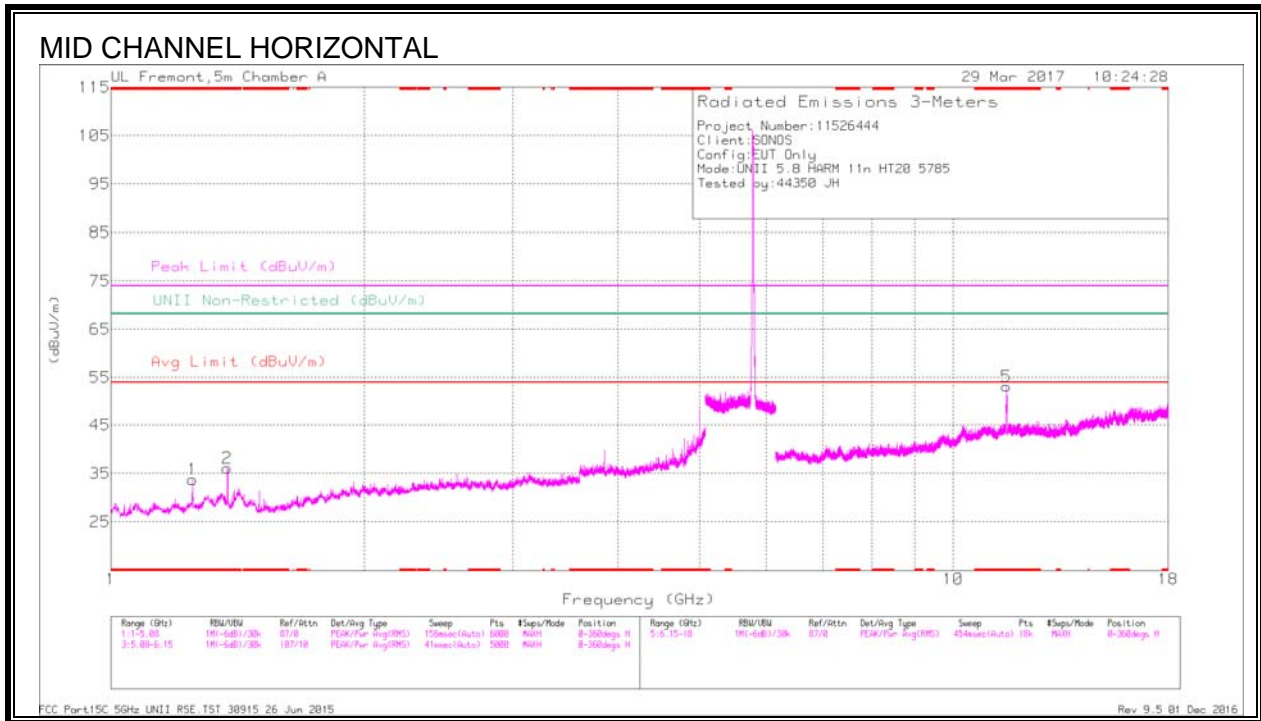
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Ch/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 1.25	39.37	Pk	29.1	-34.3	0	34.17	-	-	74	-39.83	-	-	0-360	199	H
2	* 1.375	41.03	Pk	29.3	-33.4	0	36.93	-	-	74	-37.07	-	-	0-360	199	H
3	* 3.83	39.61	Pk	33.2	-29.8	0	43.01	-	-	74	-30.99	-	-	0-360	200	V
4	* 5	42.07	Pk	34.1	-27.5	0	48.67	-	-	74	-25.33	-	-	0-360	200	V
5	* 11.489	35.42	Pk	38.1	-19.6	0	53.92	-	-	74	-20.08	-	-	0-360	199	H
6	* 11.49	36.97	Pk	38.1	-19.6	0	55.47	-	-	74	-18.53	-	-	0-360	101	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Ch/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)	Asimuth (Degs)	Height (cm)	Polarity
* 1.25	45.02	PK-U	29.1	-34.3	0	39.82	-	-	74	-34.18	-	-	223	197	H
* 1.25	37.15	ADR	29.1	-34.3	.37	32.32	54	-21.68	-	-	-	-	223	197	H
* 1.375	45.02	PK-U	29.3	-33.4	0	40.92	-	-	74	-33.08	-	-	165	150	H
* 1.375	38.96	ADR	29.3	-33.4	.37	35.23	54	-18.77	-	-	-	-	165	150	H
* 3.83	43.77	PK-U	33.2	-29.8	0	47.17	-	-	74	-26.83	-	-	331	202	V
* 3.83	37.46	ADR	33.2	-29.8	.37	41.23	54	-12.77	-	-	-	-	331	202	V
* 5	46.16	PK-U	34.1	-27.5	0	52.76	-	-	74	-21.24	-	-	186	215	V
* 5	38.73	ADR	34.1	-27.5	.37	45.7	54	-8.3	-	-	-	-	186	215	V
* 11.49	38.35	PK-U	38.1	-19.6	0	56.85	-	-	74	-17.15	-	-	119	108	H
* 11.49	24.95	ADR	38.1	-19.6	.37	43.82	54	-10.18	-	-	-	-	119	108	H
* 11.49	42.7	PK-U	38.1	-19.6	0	61.2	-	-	74	-12.8	-	-	92	103	V
* 11.49	29.35	ADR	38.1	-19.6	.37	48.22	54	-5.78	-	-	-	-	92	103	V

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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Ch/Flt/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.25	38.92	PK	29.1	-34.3	0	33.72	-	-	74	-40.28	-	-	0-360	199	H
2	* 1.375	40.23	PK	29.3	-33.4	0	36.13	-	-	74	-37.87	-	-	0-360	199	H
3	* 3.856	39.03	PK	33.3	-30.1	0	42.23	-	-	74	-31.77	-	-	0-360	101	V
4	* 5	42.31	PK	34.1	-27.5	0	48.91	-	-	74	-25.09	-	-	0-360	101	V
5	* 11.568	35.29	PK	38.1	-20.3	0	53.09	-	-	74	-20.91	-	-	0-360	101	H
6	* 11.569	36.57	PK	38.1	-20.3	0	54.37	-	-	74	-19.63	-	-	0-360	101	V

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

Pk - Peak detector

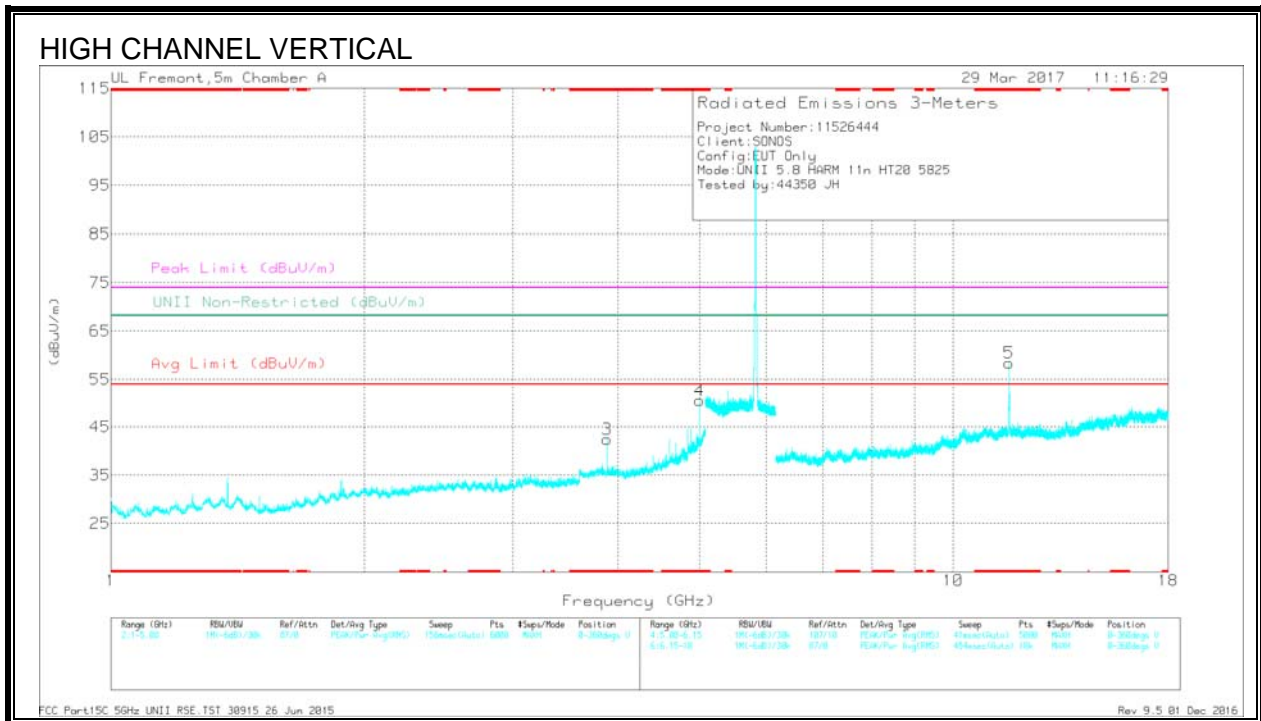
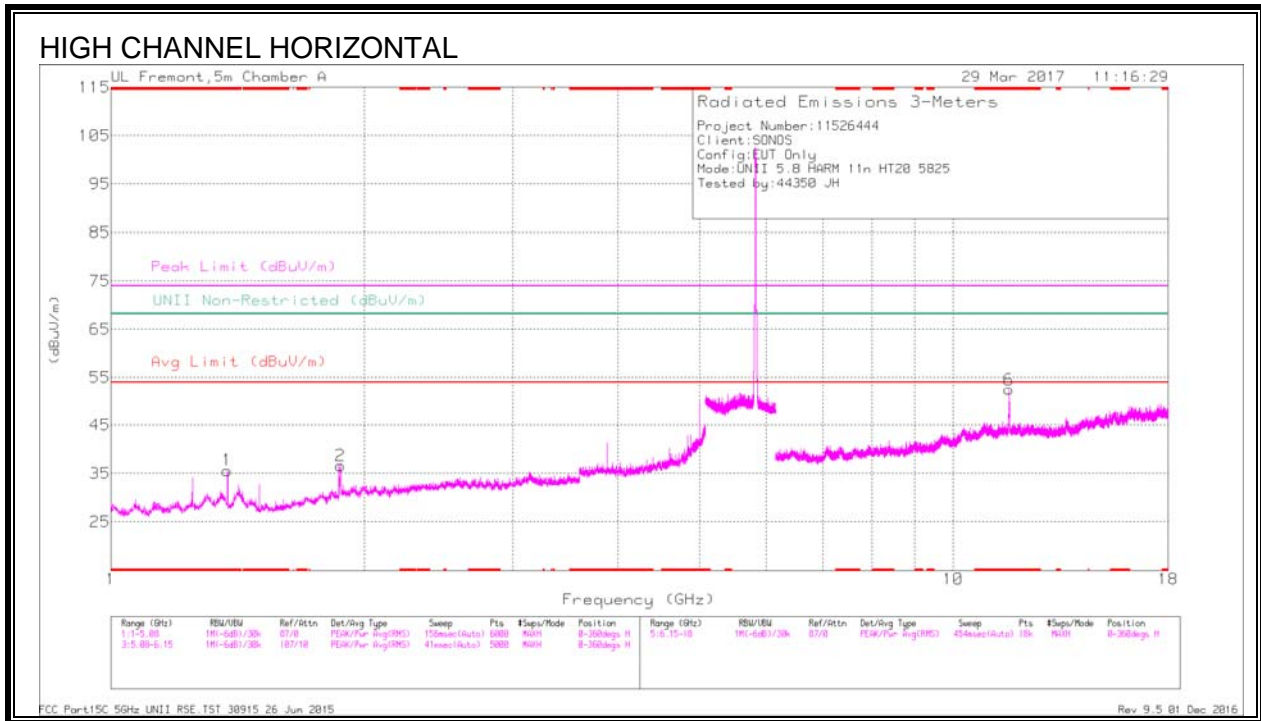
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Ch/Flt/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)	Altitude (Degs)	Height (cm)	Polarity
* 1.25	45.44	PK-U	29.1	-34.3	0	40.24	-	-	74	-33.76	-	-	316	200	H
* 1.25	37.34	ADR	29.1	-34.3	.37	32.51	54	-21.49	-	-	-	-	316	200	H
* 1.375	45.04	PK-U	29.3	-33.4	0	40.94	-	-	74	-33.06	-	-	168	215	H
* 1.375	39.02	ADR	29.3	-33.4	.37	35.29	54	-18.71	-	-	-	-	168	215	H
* 3.857	44.27	PK-U	33.3	-30.1	0	47.47	-	-	74	-26.53	-	-	309	277	V
* 3.857	38.68	ADR	33.3	-30.1	.37	42.25	54	-11.75	-	-	-	-	309	277	V
* 5	49.36	PK-U	34.1	-27.5	0	55.96	-	-	74	-18.04	-	-	246	242	V
* 5	42.91	ADR	34.1	-27.5	.37	49.88	54	-4.12	-	-	-	-	246	242	V
* 11.57	41.73	PK-U	38.1	-20.3	0	59.53	-	-	74	-14.47	-	-	134	194	H
* 11.57	27.7	ADR	38.1	-20.3	.37	45.89	54	-8.13	-	-	-	-	134	194	H
* 11.57	44.98	PK-U	38.1	-20.3	0	62.78	-	-	74	-11.22	-	-	86	154	V
* 11.57	32.06	ADR	38.1	-20.3	.37	50.23	54	-3.77	-	-	-	-	86	154	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chl/Filt/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	* 1.375	39.74	PK	29.3	-33.4	0	35.64	-	-	74	-38.36	-	-	0-360	199	H
3	* 3.884	39.65	PK	33.3	-30.5	0	42.45	-	-	74	-31.55	-	-	0-360	200	V
4	* 5	43.87	PK	34.1	-27.5	0	50.47	-	-	74	-23.53	-	-	0-360	101	V
6	* 11.65	33.56	PK	38.2	-19.3	0	52.46	-	-	74	-21.54	-	-	0-360	199	H
5	* 11.65	39.5	PK	38.2	-19.3	0	58.4	-	-	74	-15.6	-	-	0-360	101	V
2	1.874	39.26	PK	31	-33.6	0	36.66	-	-	-	-	68.2	-31.54	0-360	101	H

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

Pk - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chl/Filt/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
* 1.375	40.14	PK-U	29.3	-33.4	0	36.04	-	-	74	-37.96	-	-	301	235	H
* 1.373	28.29	ADR	29.3	-33.5	.37	24.46	54	-29.54	-	-	-	-	301	235	H
* 3.883	45.77	PK-U	33.3	-30.5	0	48.57	-	-	74	-25.43	-	-	238	216	V
* 3.883	40.2	ADR	33.3	-30.5	.37	43.37	54	-10.65	-	-	-	-	238	216	V
* 5	48.66	PK-U	34.1	-27.5	0	55.26	-	-	74	-18.74	-	-	244	230	V
* 5	42.27	ADR	34.1	-27.5	.37	49.24	54	-4.76	-	-	-	-	244	230	V
* 11.65	37.66	PK-U	38.2	-19.3	0	56.56	-	-	74	-17.44	-	-	61	109	H
* 11.65	25.56	ADR	38.2	-19.3	.37	44.83	54	-9.17	-	-	-	-	61	109	H
* 11.65	44.85	PK-U	38.2	-19.3	0	63.75	-	-	74	-10.25	-	-	87	103	V
* 11.65	31.71	ADR	38.2	-19.3	.37	50.98	54	-3.02	-	-	-	-	87	103	V
1.874	40.76	PK-U	31	-33.6	0	38.16	-	-	-	-	68.2	-30.04	316	300	H

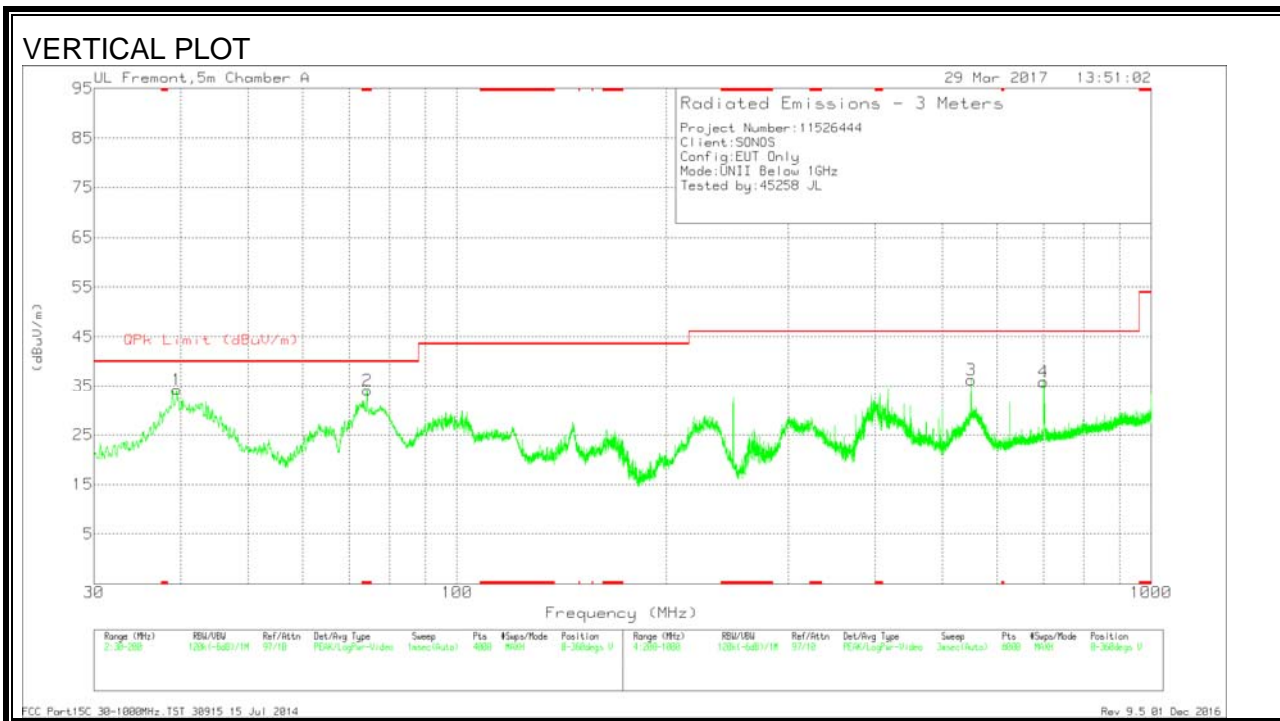
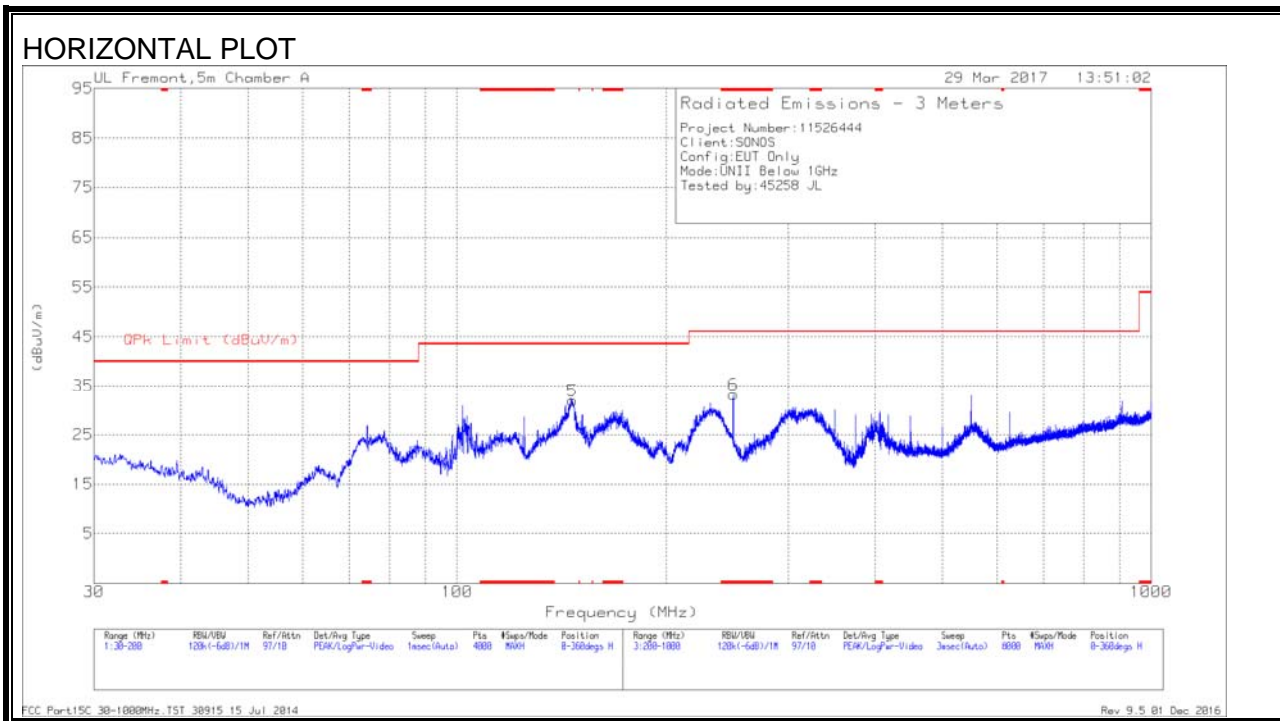
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.2. WORST-CASE BELOW 1 GHz

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



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 74.254	52.48	Pk	12.4	-30.8	34.08	40	-5.92	0-360	100	V
6	* 250.0065	47.34	Pk	15.5	-29.6	33.24	46.02	-12.78	0-360	101	H
1	39.48	46.9	Pk	18.4	-31.1	34.2	40	-5.8	0-360	100	V
5	146.6077	45.41	Pk	16.7	-30.2	31.91	43.52	-11.61	0-360	200	H
3	550.0455	42.62	Pk	22.3	-28.7	36.22	46.02	-9.8	0-360	101	V
4	700.065	39.96	Pk	24.2	-28.3	35.86	46.02	-10.16	0-360	200	V

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

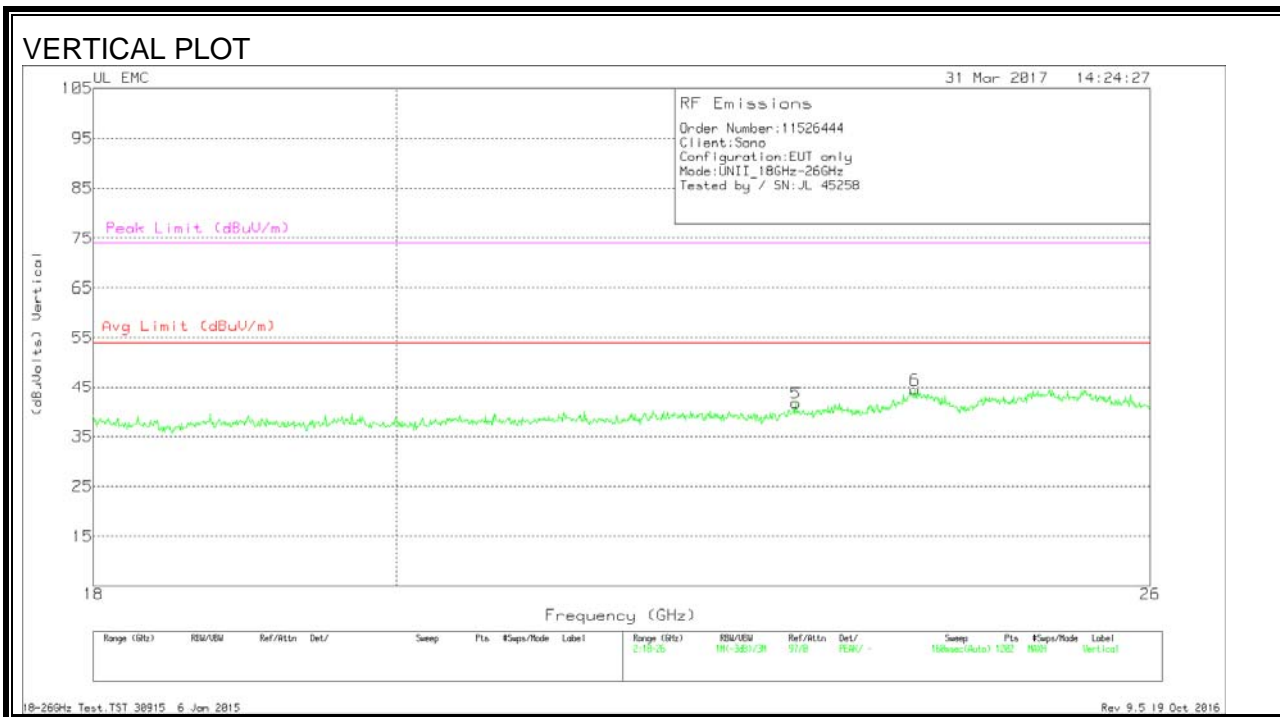
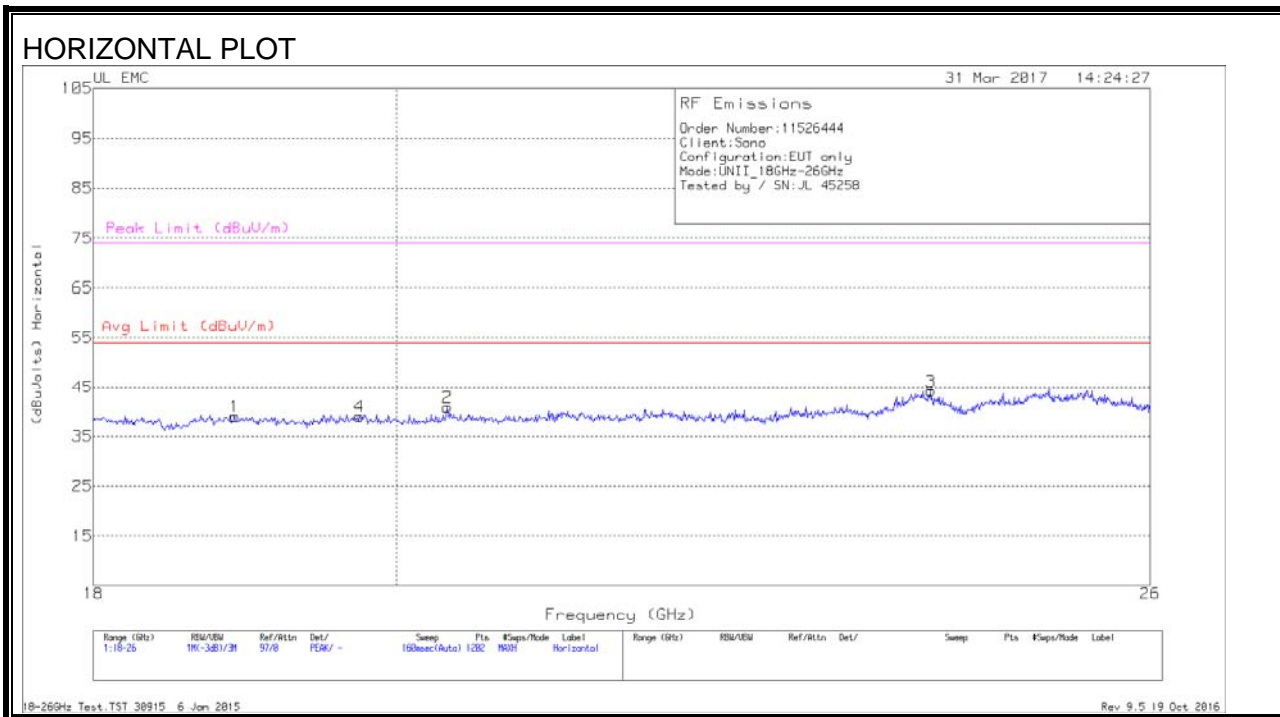
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 74.2348	47.42	Qp	12.4	-30.8	29.02	40	-10.98	29	109	V
39.5208	42.8	Qp	18.4	-31.1	30.1	40	-9.9	185	136	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Qp - Quasi-Peak detector

10.3. WORST-CASE 18 to 26 GHz

SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



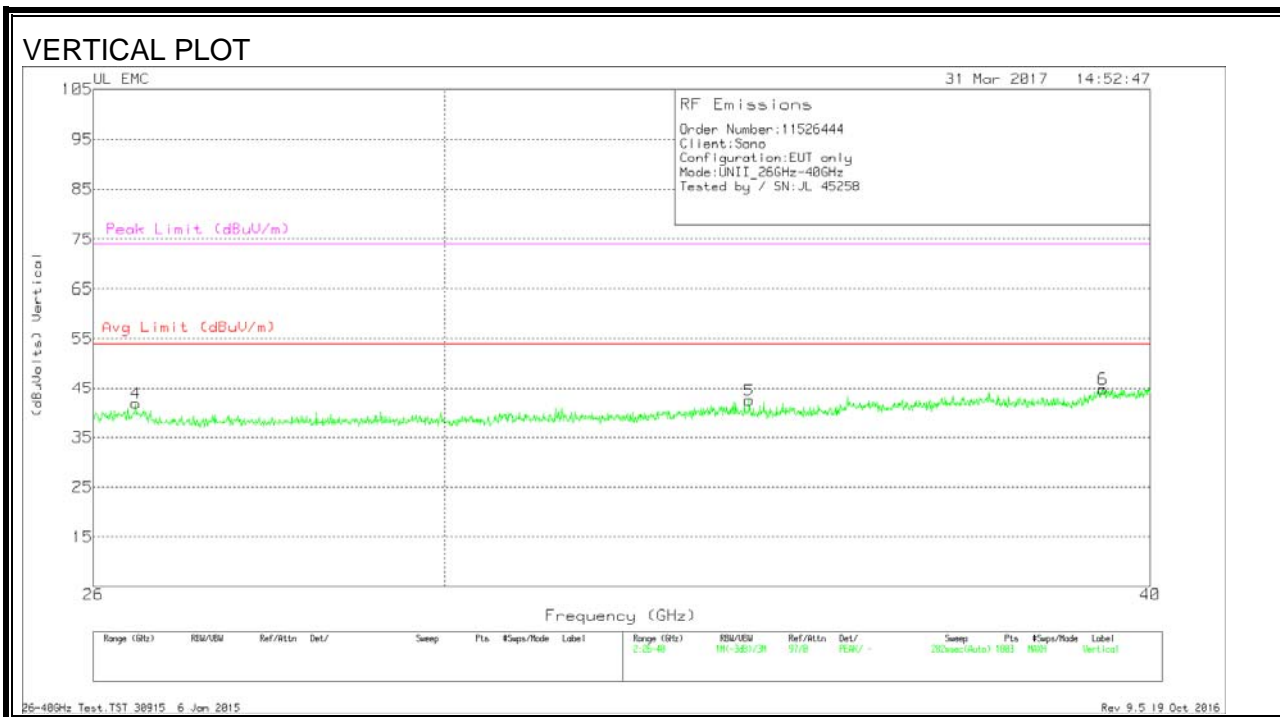
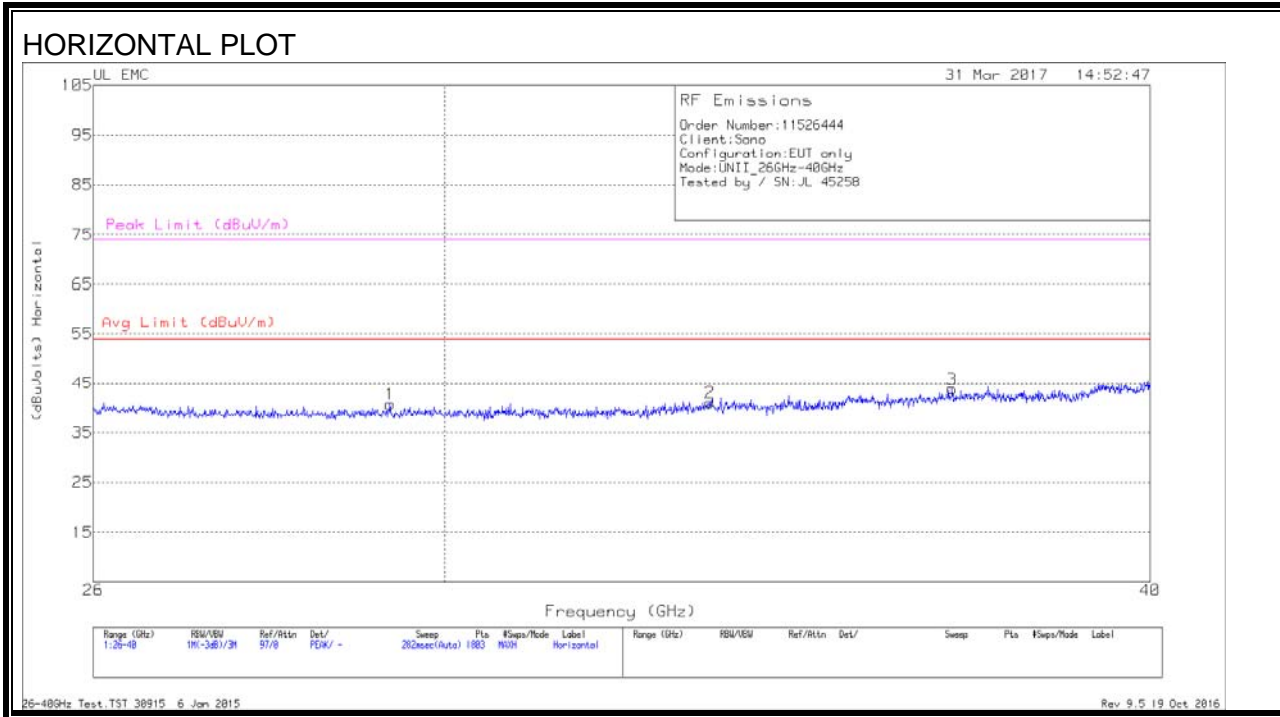
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T449 (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.906	41.4	Pk	32.5	-25.4	-9.5	39	54	-15	74	-35
2	20.358	42.73	Pk	32.9	-25.3	-9.5	40.83	54	-13.17	74	-33.17
3	24.088	43.97	Pk	34	-24.3	-9.5	44.17	54	-9.83	74	-29.83
4	19.745	40.7	Pk	32.7	-24.9	-9.5	39	54	-15	74	-35
5	22.983	42.77	Pk	33.4	-25	-9.5	41.67	54	-12.33	74	-32.33
6	23.955	44.3	Pk	34	-24.3	-9.5	44.5	54	-9.5	74	-29.5

Pk - Peak detector

10.4. WORST-CASE 26 to 40 GHz

SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	29.341	46.77	Pk	35.9	-32.5	-9.5	40.67	54	-13.33	74	-33.33
2	33.427	47.2	Pk	37	-33.7	-9.5	41	54	-13	74	-33
3	36.892	50.73	Pk	37.2	-34.6	-9.5	43.83	54	-10.17	74	-30.17
4	26.451	46.93	Pk	35.5	-31.1	-9.5	41.83	54	-12.17	74	-32.17
5	33.963	48.7	Pk	36.9	-33.6	-9.5	42.5	54	-11.5	74	-31.5
6	39.231	48.23	Pk	38.5	-32.4	-9.5	44.83	54	-9.17	74	-29.17

Pk - Peak detector

11. ART POWER SETTINGS TABLE FOR CONDUCTED AND RADIATED MEASUREMENTS

11.1. CONDUCTED OUTPUT POWER SETTING FOR 2x2:

ART POWER SETTINGS						
Band	Mode	Channel	Frequency (MHz)	Power Setting	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)
5.2	11n HT20	36	5180	17	15.39	17.04
		40	5200	17	15.46	17.12
		48	5240	17	15.42	17.08
5.3	11n HT20	52	5260	18	16.45	17.91
		60	5300	18	16.61	18.12
		64	5320	18	16.74	18.09
5.6	11n HT20	100	5500	18	16.34	17.35
		116	5580	18	16.54	17.3
		140	5700	18	16.41	17.78
5.8	11n HT20	149	5745	18	17.17	18.22
		157	5785	18	17.02	18.53
		165	5825	18	16.87	18.72

Note: ART power settings in the report per client requested are for future reference.

11.2. CONDUCTED OUTPUT POWER SETTING FOR 3x3:

ART POWER SETTINGS							
Band	Mode	Channel	Frequency (MHz)	Power Setting	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)
5.2	11n HT20	36	5180	15	16.41	16.52	16.30
		40	5200	15	16.31	16.49	16.22
		48	5240	15	15.90	15.96	15.61
5.3	11n HT20	52	5260	15	14.18	14.77	14.37
		60	5300	15	14.60	14.80	14.51
		64	5320	15	14.76	15.26	14.97
5.6	11n HT20	100	5500	15.5	14.28	15.07	14.88
		116	5580	15.5	14.32	15.05	14.59
		140	5700	14	13.05	13.96	13.78
5.8	11n HT20	149	5745	14.5	14.81	15.11	14.26
		157	5785	17	17.17	17.20	17.15
		165	5825	15	15.66	15.74	15.20

Note: ART power settings in the report per client requested are for future reference.

11.3. RADIATED BANDEGE POWER SETTING FOR 2x2:

Channel	Frequency (MHz)	11n-HT20	11n-HT20
		FCC Radiated BE Power Setting	IC Radiated BE Power Setting
5150 - 5350MHz			
36	5180	17.00	17.00
64	5320	18.00	18.00
5470 - 5725MHz			
100	5500	18.00	18.00
140	5700	18.00	18.00
5725 - 5850MHz			
149	5745	18.00	18.00
165	5825	18.00	18.00

Note: ART power settings in the report per client requested are for future reference.

11.4. RADIATED BANDEGE POWER SETTING FOR 3x3:

Channel	Frequency (MHz)	11n-HT20	11n-HT20
		FCC Radiated BE Power Setting	IC Radiated BE Power Setting
5150 - 5350MHz			
36	5180	17.00	17.00
64	5320	18.00	18.00
5470 - 5725MHz			
100	5500	18.00	18.00
140	5700	18.00	18.00
5725 - 5850MHz			
149	5745	14.50	14.50
165	5825	15.00	15.00

Note: ART power settings in the report per client requested are for future reference.

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	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

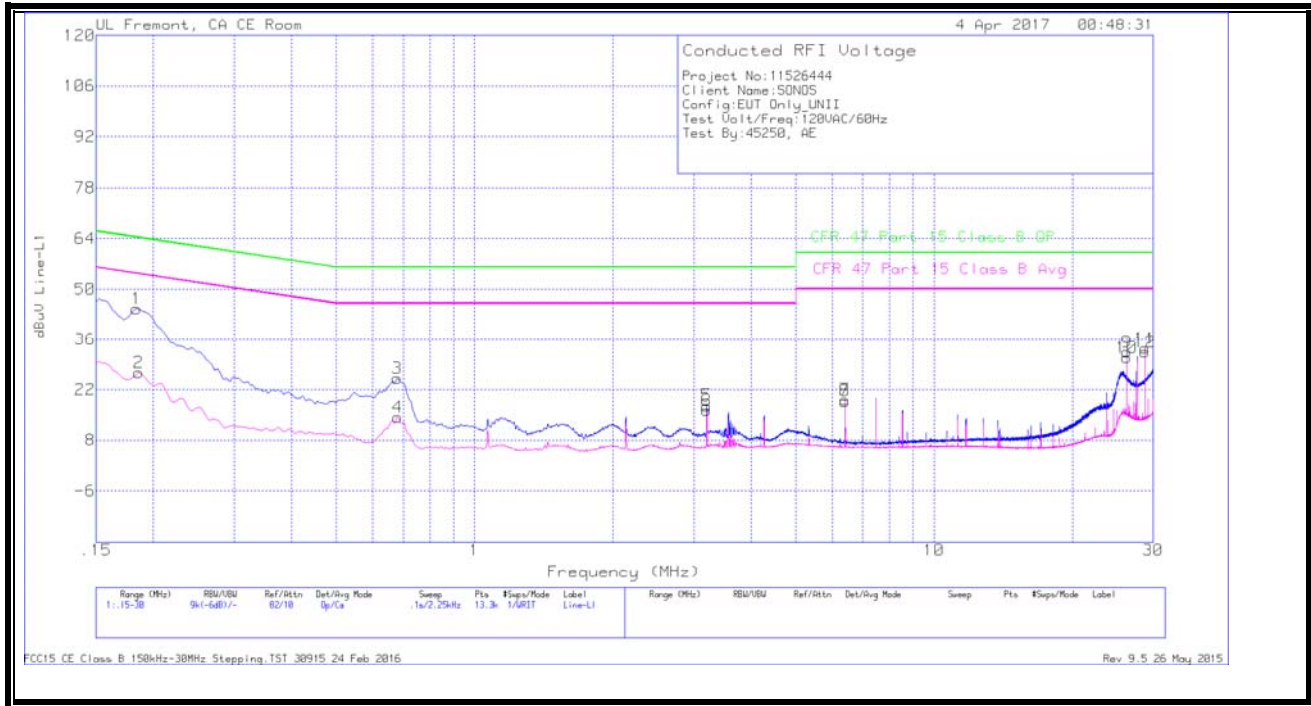
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

LINE 1 RESULTS



DATA

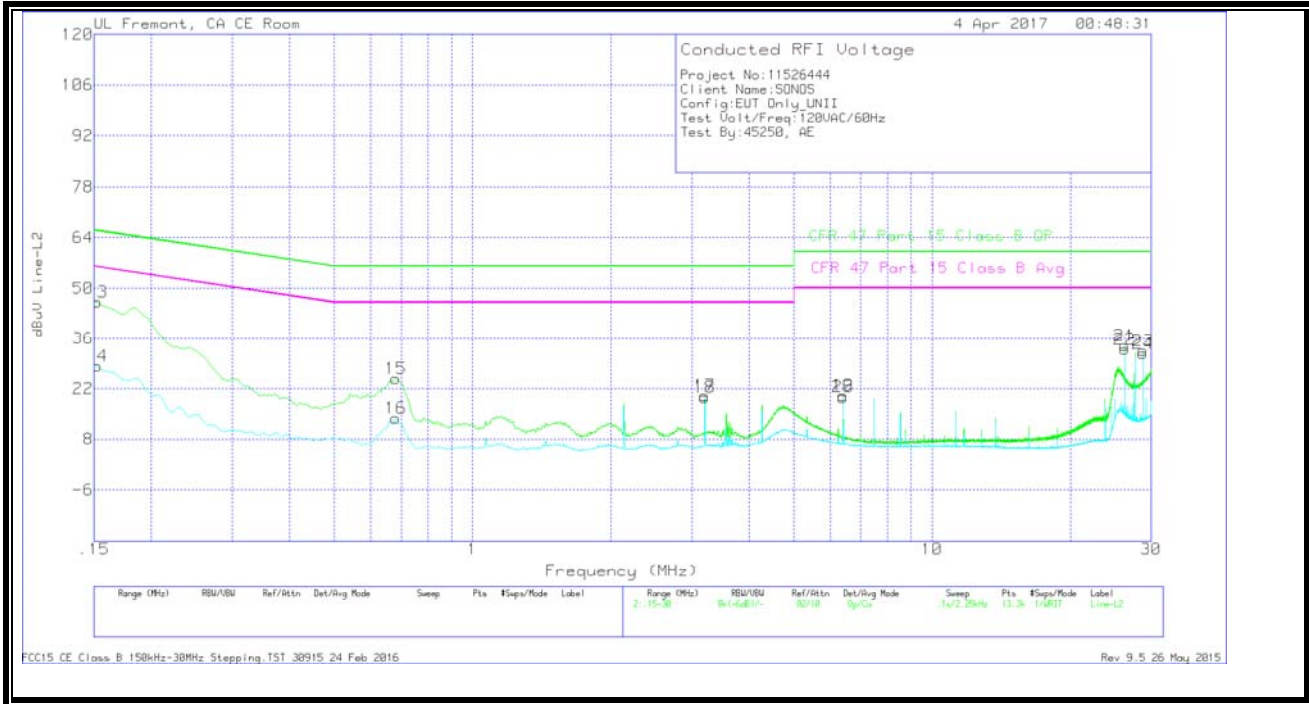
Trace Markers

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.18375	34.39	Qp	0	.1	10.1	44.59	64.31	-19.72	-	-
2	.186	16.46	Ca	0	.1	10.1	26.66	-	-	54.21	-27.55
3	.67875	14.91	Qp	0	.1	10.1	25.11	56	-30.89	-	-
4	.681	4.12	Ca	0	.1	10.1	14.32	-	-	46	-31.68
5	3.20325	7.38	Qp	0	.1	10.1	17.58	56	-38.42	-	-
6	3.20325	6.01	Ca	0	.1	10.1	16.21	-	-	46	-29.79
7	6.405	8.9	Qp	0	.1	10.2	19.2	60	-40.8	-	-
8	6.405	8.5	Ca	0	.1	10.2	18.8	-	-	50	-31.2
9	26.25	21.48	Qp	.1	.3	10.5	32.38	60	-27.62	-	-
10	26.25	19.92	Ca	.1	.3	10.5	30.82	-	-	50	-19.18
11	28.74975	22.57	Qp	.1	.3	10.5	33.47	60	-26.53	-	-
12	28.74975	21.57	Ca	.1	.3	10.5	32.47	-	-	50	-17.53

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



DATA

Trace Markers

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.15225	36.13	Qp	0	0	10.1	46.23	65.88	-19.65	-	-
14	.15225	18.13	Ca	0	0	10.1	28.23	-	-	55.88	-27.65
15	.681	14.6	Qp	0	.1	10.1	24.8	56	-31.2	-	-
16	.681	3.61	Ca	0	.1	10.1	13.81	-	-	46	-32.19
17	3.20325	9.97	Qp	0	.1	10.1	20.17	56	-35.83	-	-
18	3.20325	9.33	Ca	0	.1	10.1	19.53	-	-	46	-26.47
19	6.405	9.83	Qp	0	.1	10.2	20.13	60	-39.87	-	-
20	6.405	9.37	Ca	0	.1	10.2	19.67	-	-	50	-30.33
21	26.25	23.15	Qp	.1	.3	10.5	34.05	60	-25.95	-	-
22	26.25	22.14	Ca	.1	.3	10.5	33.04	-	-	50	-16.96
23	28.74975	21.76	Qp	.1	.3	10.5	32.66	60	-27.34	-	-
24	28.74975	20.85	Ca	.1	.3	10.5	31.75	-	-	50	-18.25

Qp - Quasi-Peak detector

Ca - CISPR average detection