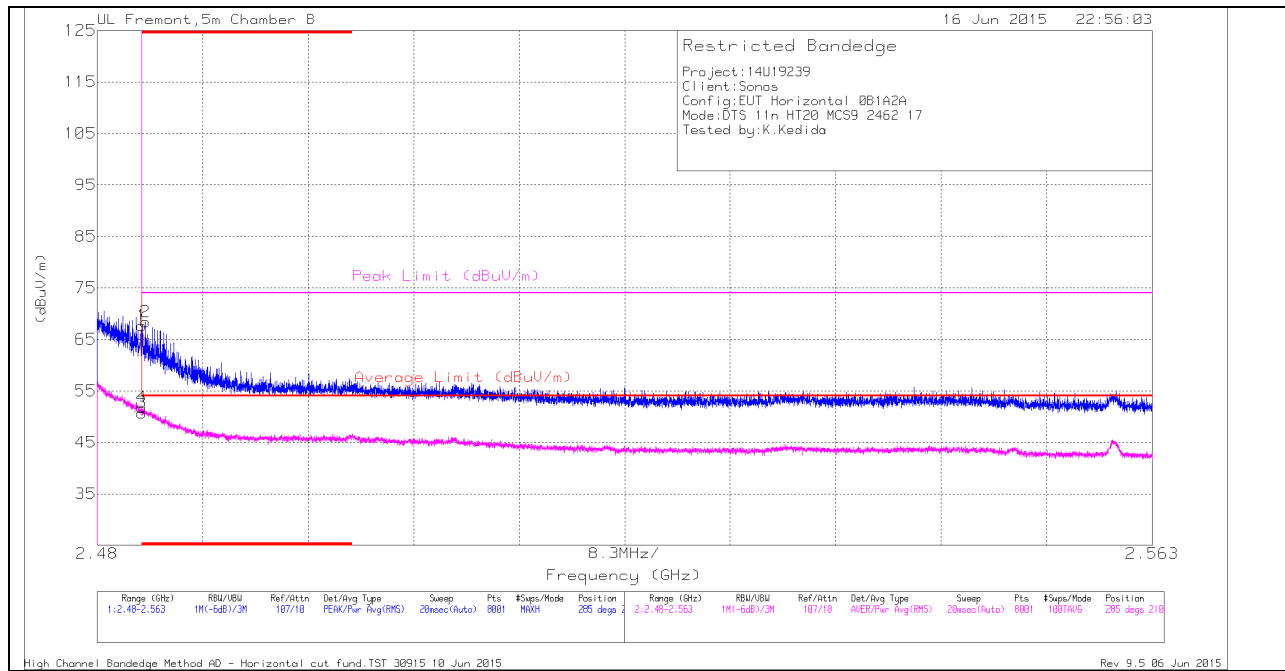


## RESTRICTED BANDEDGE (HIGH CHANNEL 11)

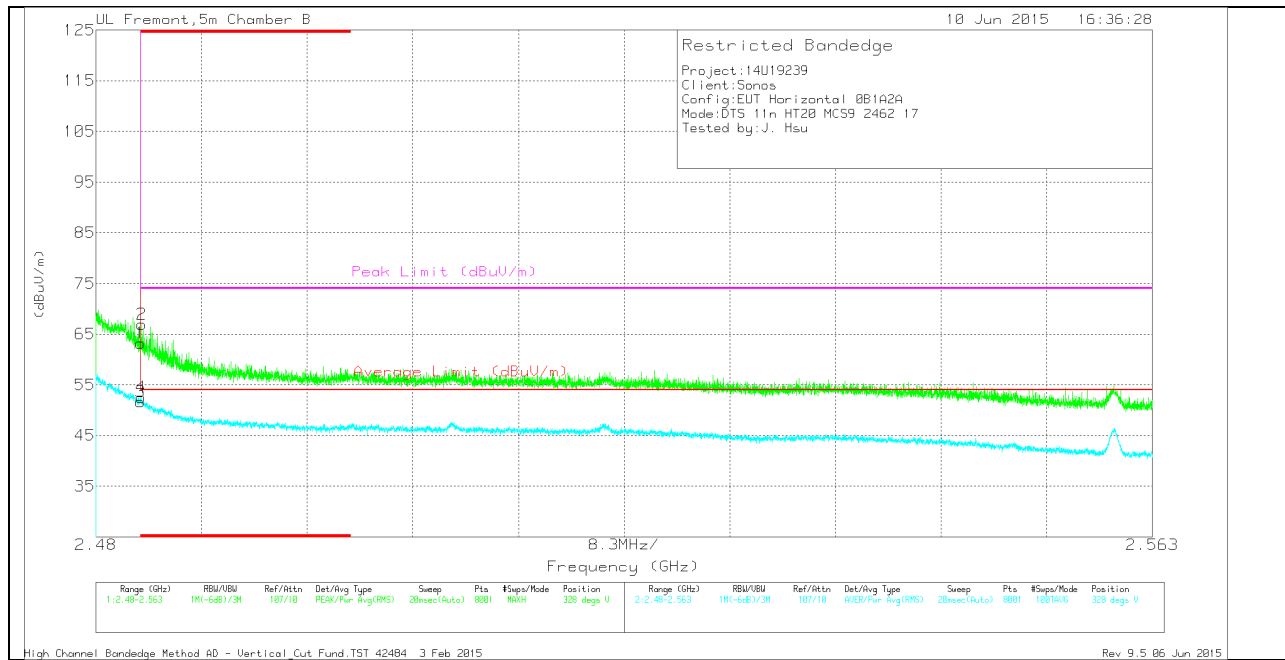
### HORIZONTAL PEAK AND AVERAGE PLOT



### HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.484	54.88	Pk	32.5	-19.7	0	67.68	-	-	74	-6.32	285	210	H
2	* 2.484	55.59	Pk	32.5	-19.7	0	68.39	-	-	74	-5.61	285	210	H
3	* 2.484	37.53	RMS	32.5	-19.7	.43	50.75	54	-3.25	-	-	285	210	H
4	* 2.484	38.56	RMS	32.5	-19.7	.43	51.78	54	-2.22	-	-	285	210	H

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

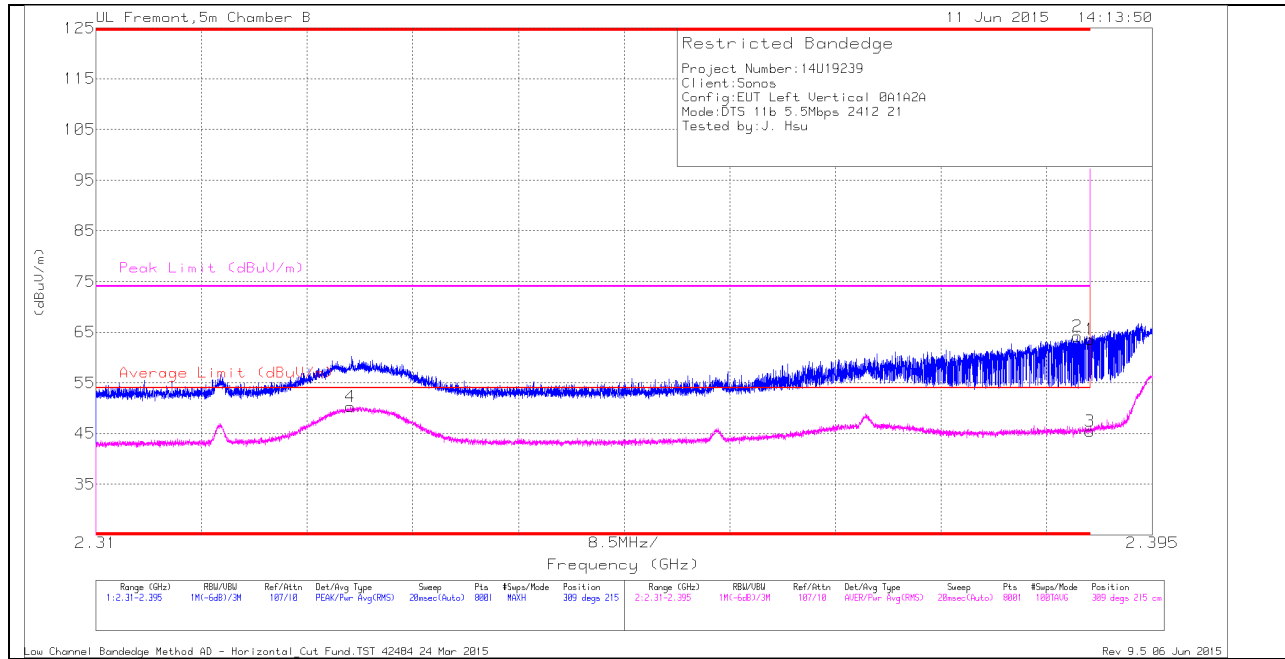
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.57	Pk	32.5	-20.9	0	63.17	-	-	74	-10.83	328	324	V
2	* 2.484	55.31	Pk	32.5	-20.9	0	66.91	-	-	74	-7.09	328	324	V
3	* 2.484	39.67	RMS	32.5	-20.9	.43	51.69	54	-2.31	-	-	328	324	V
4	* 2.484	40.45	RMS	32.5	-20.9	.43	52.47	54	-1.53	-	-	328	324	V

### 11.3. TRANSMITTER ABOVE 1 GHz (LEFT VERTICAL)

#### 11.3.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND (VERTICAL LEFT)

#### RESTRICTED BANDEDGE (LOW CHANNEL)

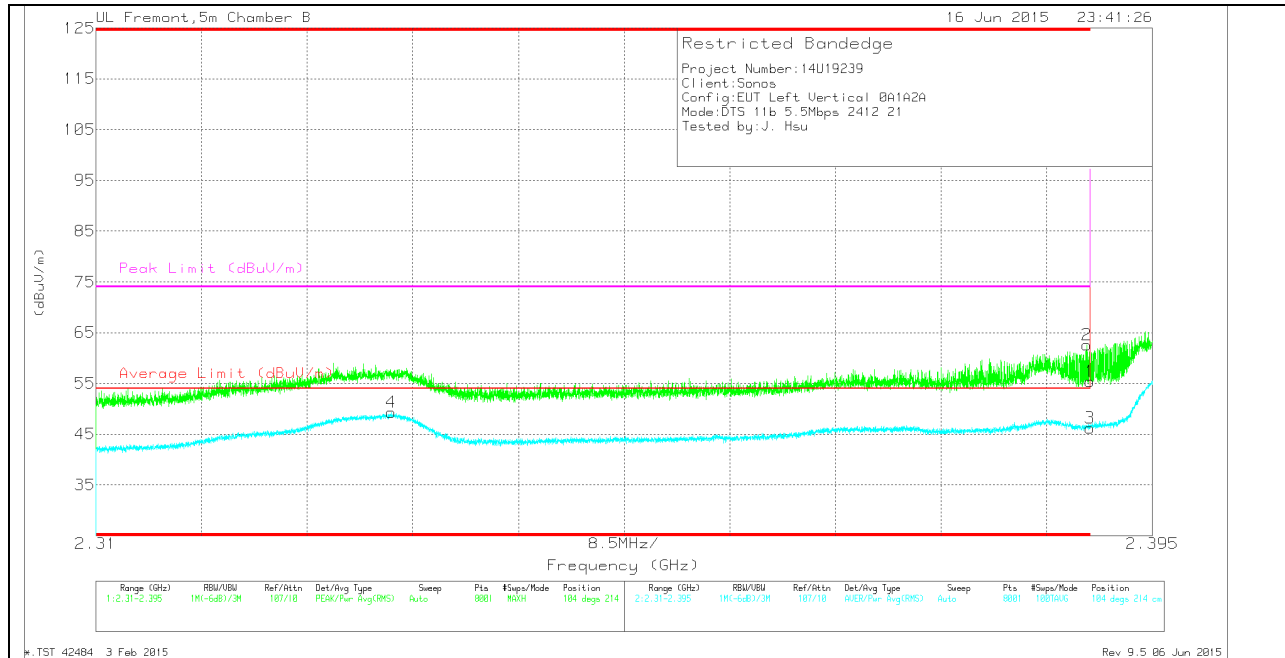
#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Fit 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	* 2.39	52.5	Pk	32	-20.9	0	63.6	-	-	74	-10.4	309	215	H
2	* 2.389	53.13	Pk	32	-20.9	0	64.23	-	-	74	-9.77	309	215	H
3	* 2.39	34.26	RMS	32	-20.9	0	45.46	54	-8.54	-	-	309	215	H
4	* 2.33	39.46	RMS	31.7	-21	0	50.26	54	-3.74	-	-	309	215	H

**VERTICAL PEAK AND AVERAGE PLOT**

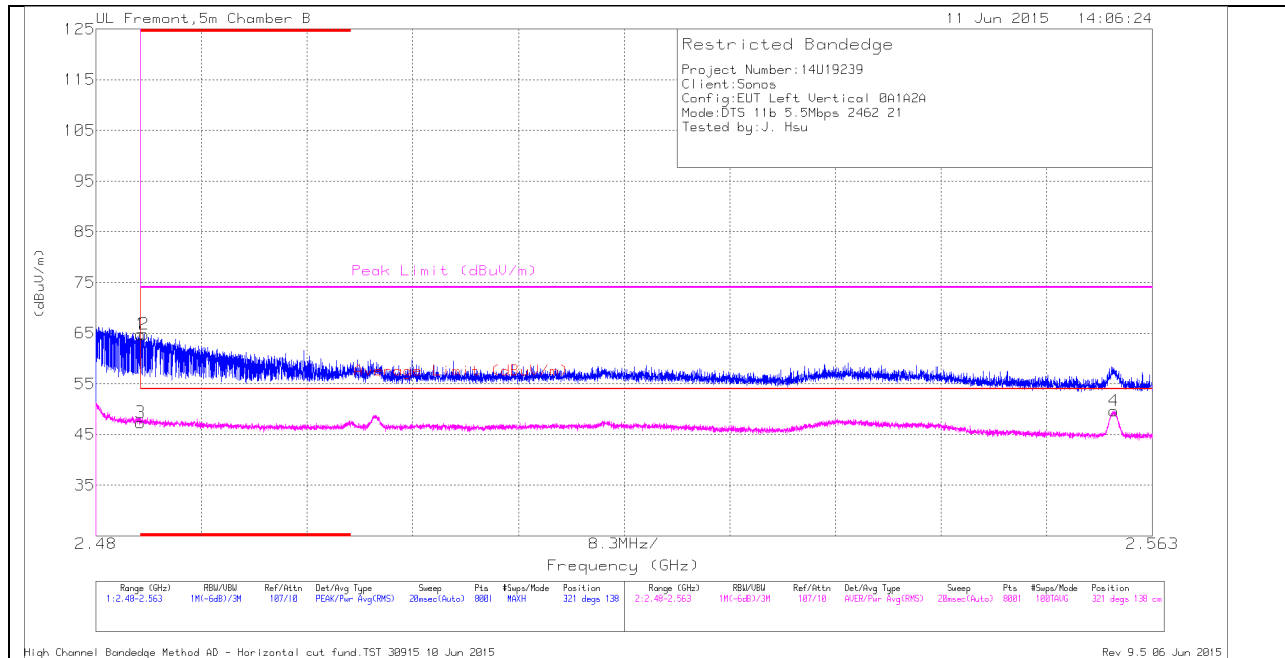


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/FI t/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	* 2.39	43.17	Pk	32	-19.8	0	55.37	-	-	74	-18.63	104	214	V
2	* 2.39	50.36	Pk	32	-19.8	0	62.56	-	-	74	-11.44	104	214	V
3	* 2.39	33.89	RMS	32	-19.8	0	46.19	54	-7.81	-	-	104	214	V
4	* 2.334	37.43	RMS	31.7	-19.9	0	49.33	54	-4.67	-	-	104	214	V

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

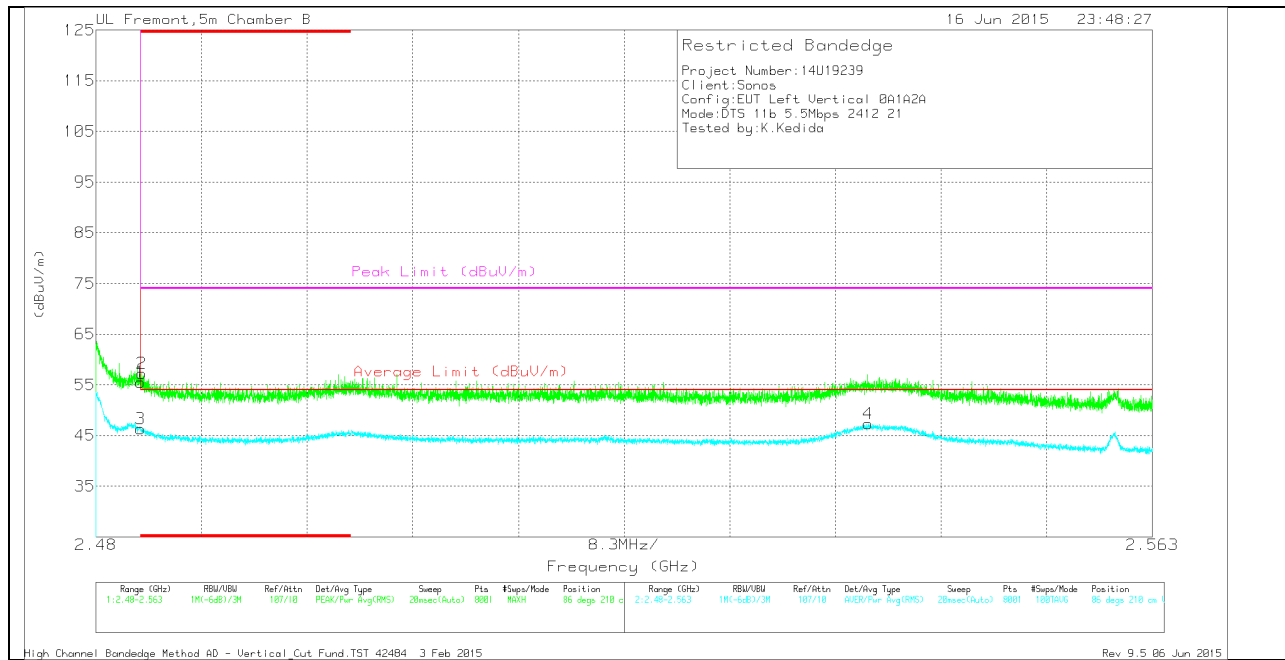
**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/FI tr/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	* 2.484	53.16	Pk	32.5	-20.9	0	64.76	-	-	74	-9.24	321	138	H
2	* 2.484	53.2	Pk	32.5	-20.9	0	64.8	-	-	74	-9.2	321	138	H
3	* 2.484	35.67	RMS	32.5	-20.9	0	47.37	54	-6.63	-	-	321	138	H
4	2.56	37.73	RMS	32.7	-20.9	0	49.63	54	-4.37	-	-	321	138	H

**VERTICAL PEAK AND AVERAGE PLOT**



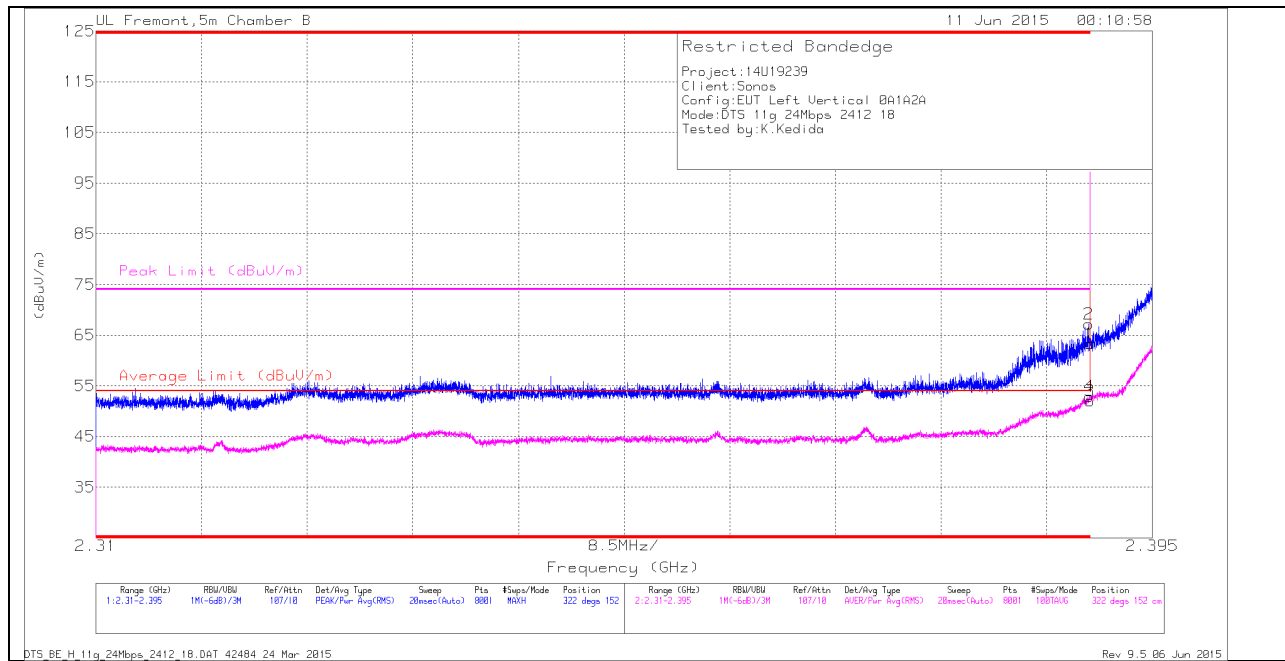
**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filter/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	* 2.484	42.65	Pk	32.5	-19.7	0	55.45	-	-	74	-18.55	86	210	V
2	* 2.484	44.39	Pk	32.5	-19.7	0	57.19	-	-	74	-16.81	86	210	V
3	* 2.484	33.43	RMS	32.5	-19.7	0	46.33	54	-7.67	-	-	86	210	V
4	2.541	34.44	RMS	32.6	-19.8	0	47.34	54	-6.66	-	-	86	210	V

### 11.3.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND (VERTICAL LEFT)

#### RESTRICTED BANDEDGE (LOW CHANNEL 1)

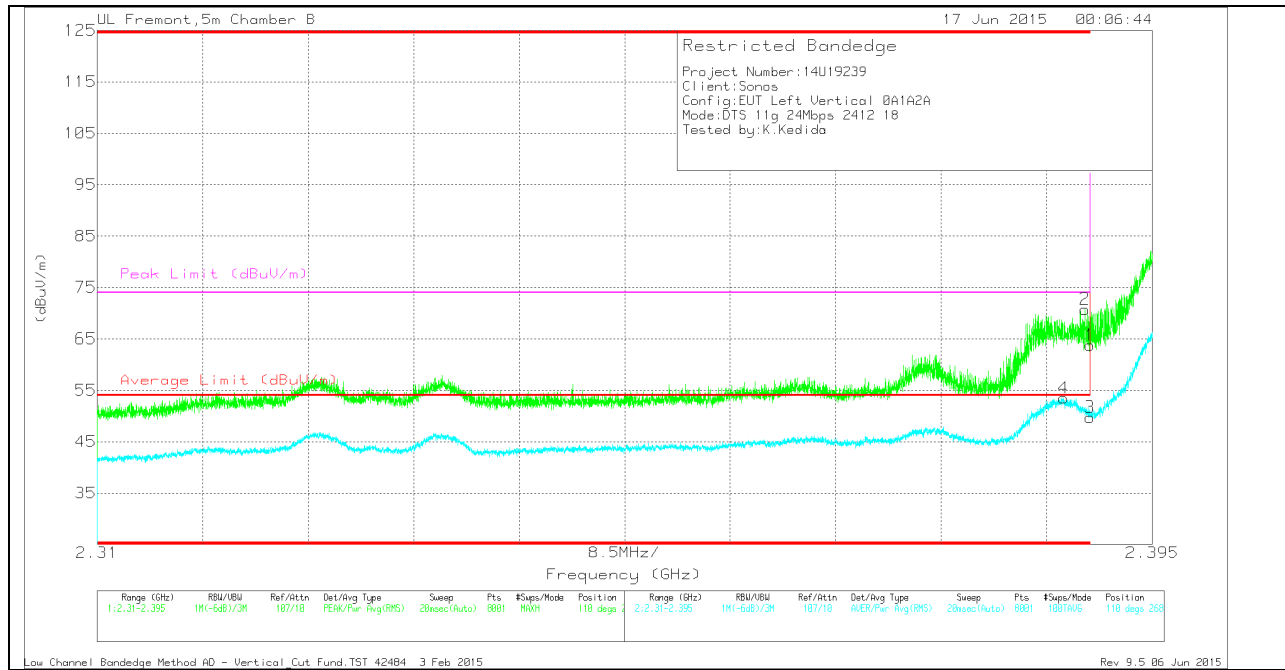
#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.25	Pk	32	-20.9	0	63.35	-	-	74	-10.65	322	152	H
2	* 2.39	56.04	Pk	32	-20.9	0	67.14	-	-	74	-6.86	322	152	H
3	* 2.39	40.55	RMS	32	-20.9	.42	52.07	54	-1.93	-	-	322	152	H
4	* 2.39	41.41	RMS	32	-20.9	.42	52.93	54	-1.07	-	-	322	152	H

**VERTICAL PEAK AND AVERAGE PLOT**



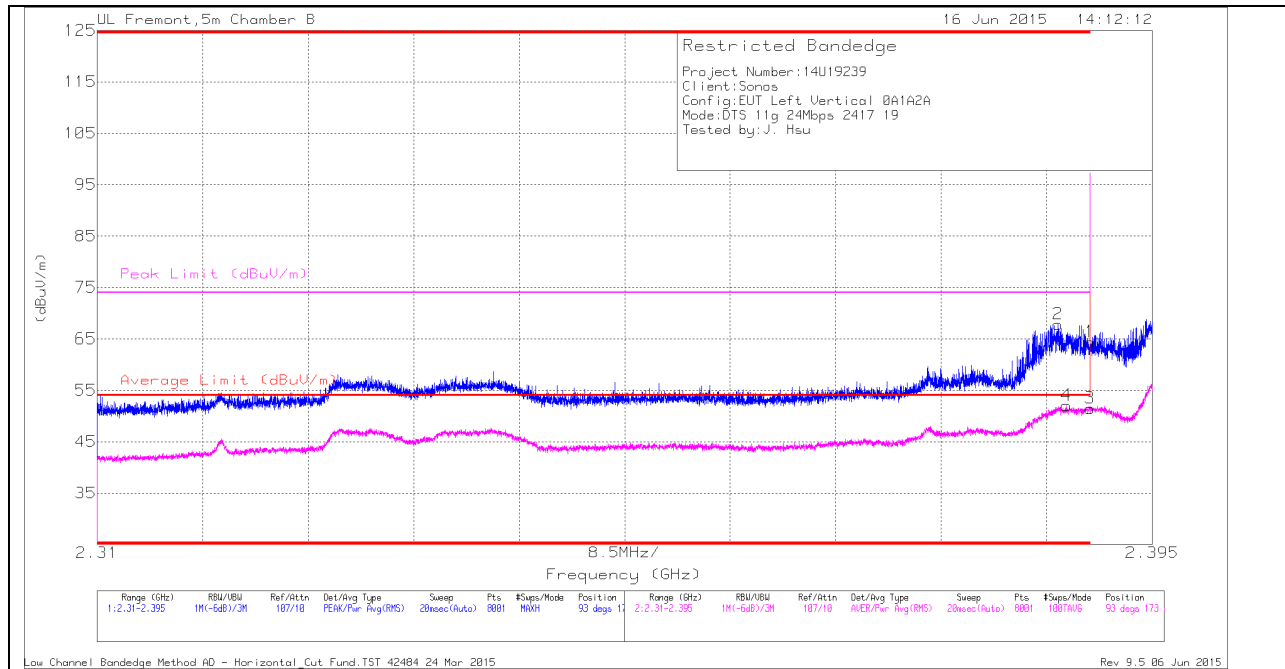
**VERTICAL DATA**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.388	40.87	RMS	32	-19.8	.42	53.5	54	-5	-	-	110	268	V
1	* 2.39	51.58	Pk	32	-19.8	0	63.78	-	-	74	-10.22	110	260	V
2	* 2.39	58.56	Pk	32	-19.8	0	70.76	-	-	74	-3.24	110	260	V
3	* 2.39	37.1	RMS	32	-19.8	.42	49.73	54	-4.27	-	-	110	268	V



**RESTRICTED BANDEDGE (LOW CHANNEL 2)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

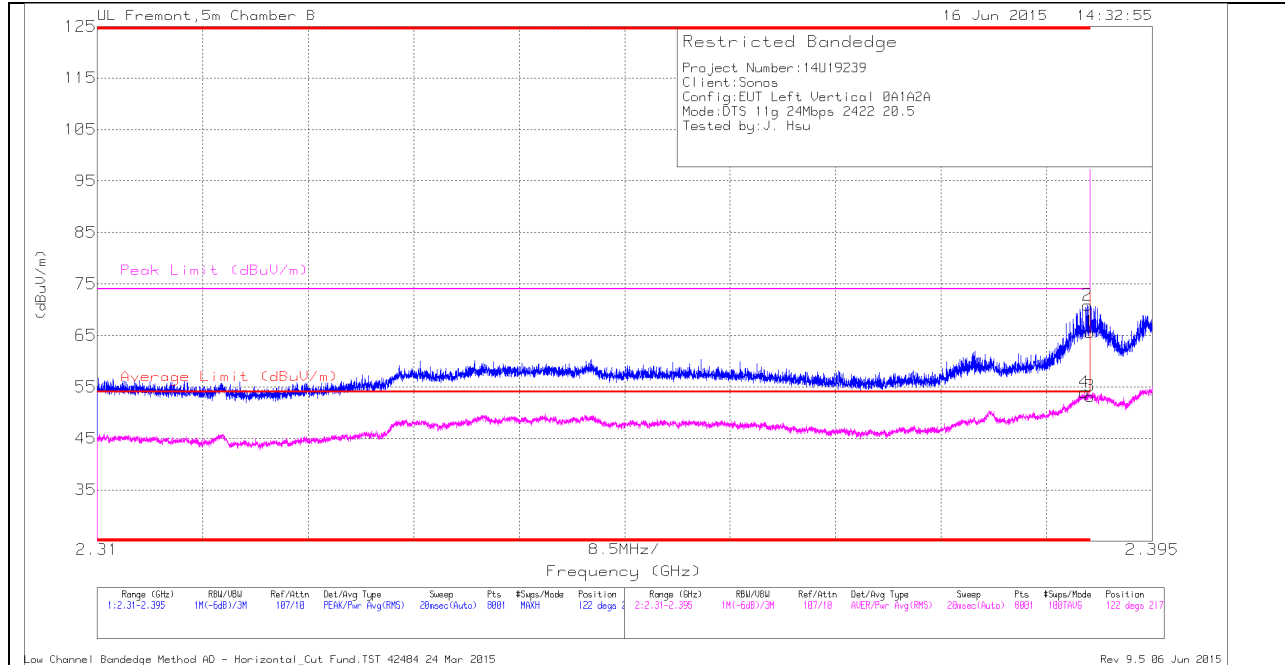


**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/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	* 2.39	52.22	Pk	32	-19.8	0	64.42	-	-	74	-9.58	93	173	H
2	* 2.387	55.66	Pk	32	-19.8	0	67.86	-	-	74	-6.14	93	173	H
3	* 2.39	38.85	RMS	32	-19.8	.43	51.48	54	-2.52	-	-	93	173	H
4	* 2.388	39.44	RMS	32	-19.8	.43	52.07	54	-1.93	-	-	93	173	H

### RESTRICTED BANDEGE (LOW CHANNEL 3)

#### HORIZONTAL PEAK AND AVERAGE PLOT

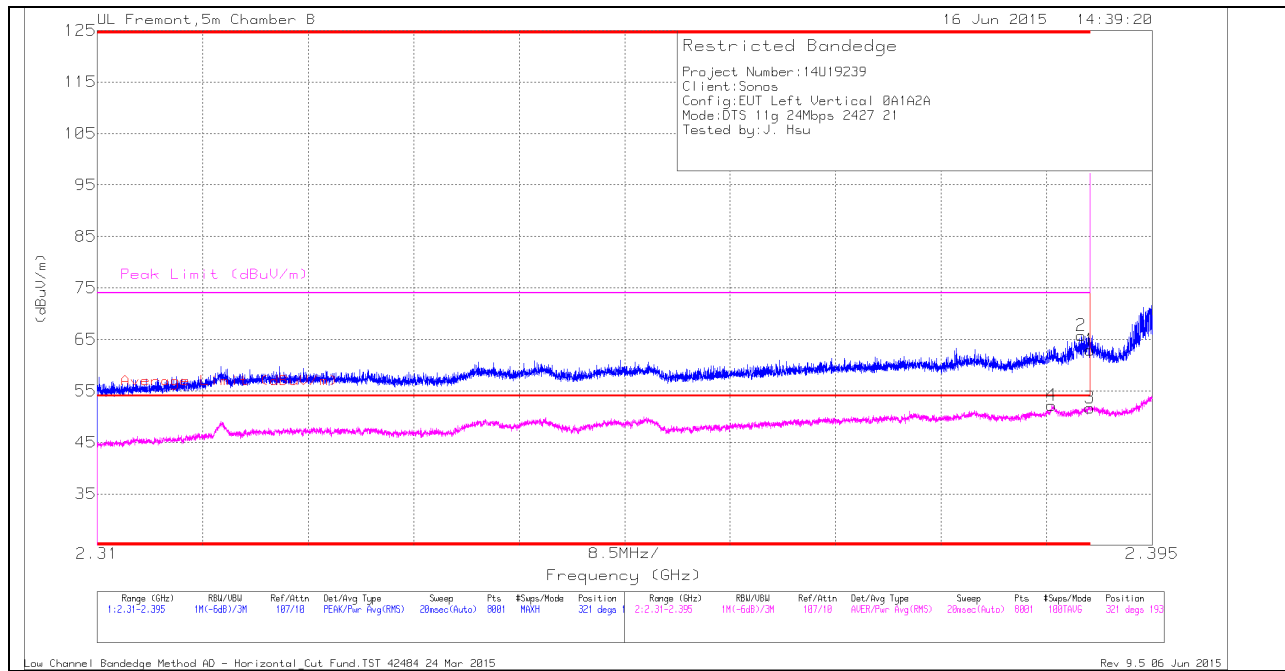


#### HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/FI t/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	* 2.39	53.46	Pk	32	-19.8	0	65.66	-	-	74	-8.34	122	217	H
2	* 2.39	58.68	Pk	32	-19.8	0	70.88	-	-	74	-3.12	122	217	H
3	* 2.39	40.57	RMS	32	-19.8	.43	53.2	54	-8	-	-	122	217	H
4	* 2.39	41.31	RMS	32	-19.8	.43	53.94	54	-06	-	-	122	217	H

### RESTRICTED BANDEGE (LOW CHANNEL 4)

#### HORIZONTAL PEAK AND AVERAGE PLOT

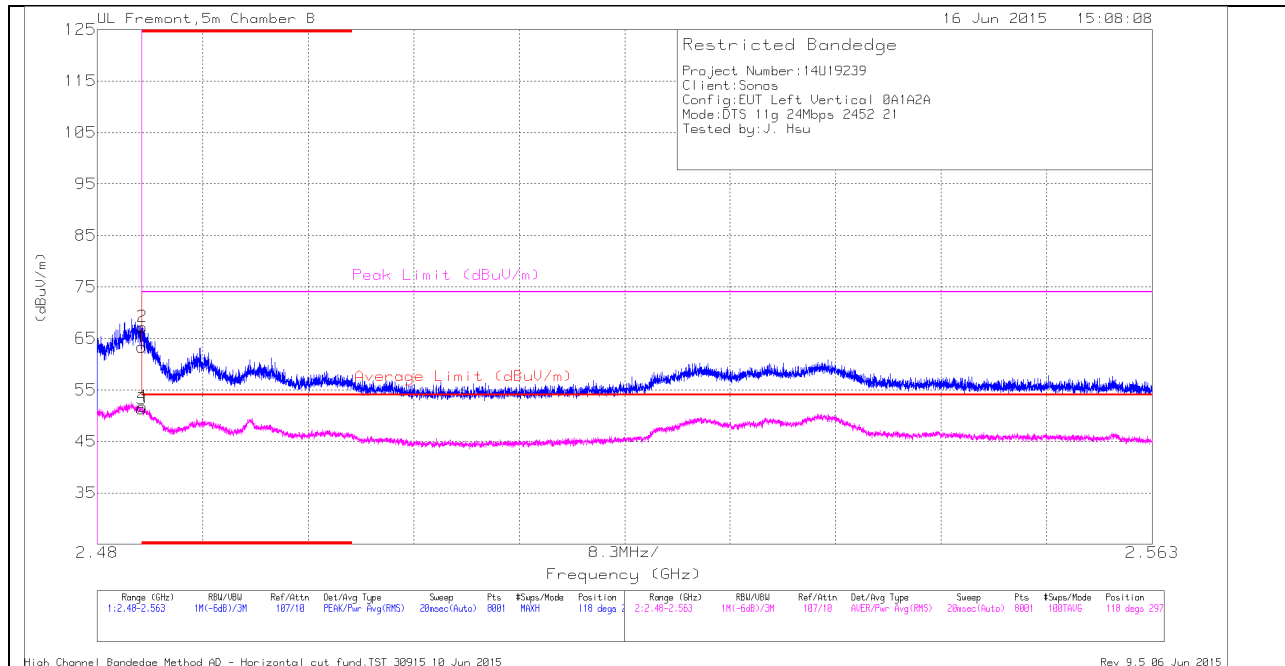


#### HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filter/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	* 2.39	50.75	Pk	32	-19.8	0	62.95	-	-	74	-11.05	321	193	H
2	* 2.389	53.57	Pk	32	-19.8	0	65.77	-	-	74	-8.23	321	193	H
3	* 2.39	39.09	RMS	32	-19.8	.43	51.72	54	-2.28	-	-	321	193	H
4	* 2.387	39.58	RMS	32	-19.8	.43	52.21	54	-1.79	-	-	321	193	H

**AUTHORIZED BANDEDGE (HIGH CHANNEL 9)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

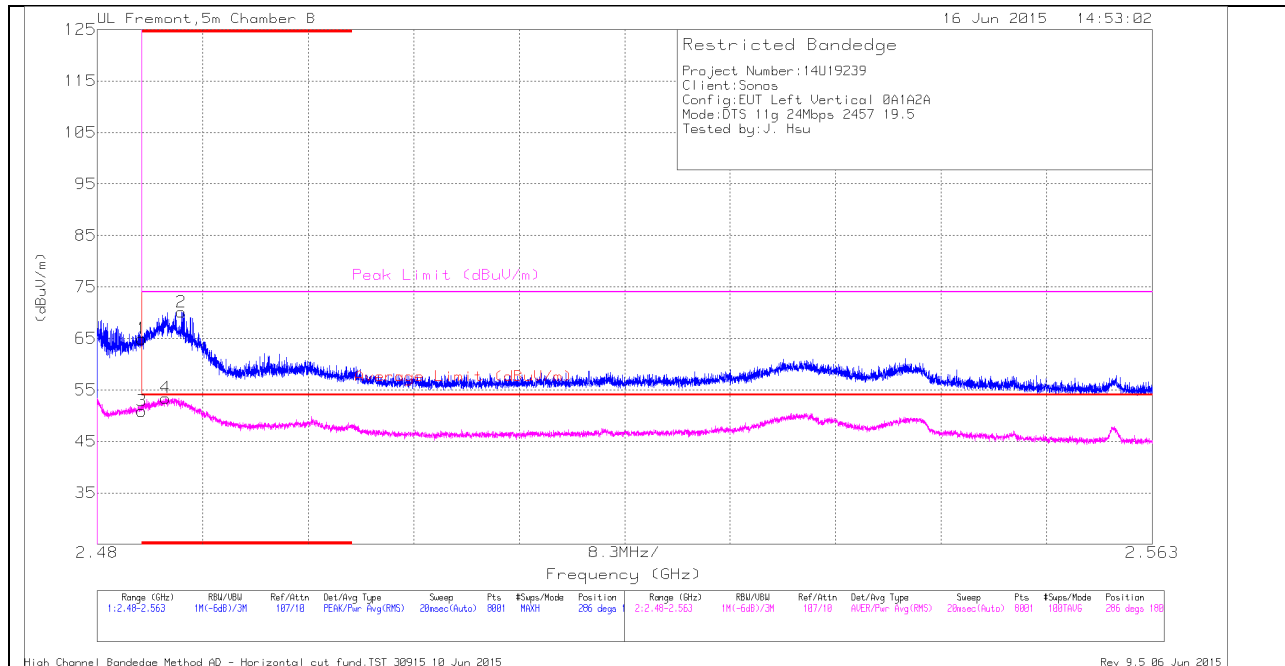


**HORIZONTAL DATA**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.56	Pk	32.5	-19.7	0	63.36	-	-	74	-10.64	118	297	H
2	* 2.484	54.44	Pk	32.5	-19.7	0	67.24	-	-	74	-6.76	118	297	H
3	* 2.484	38.04	RMS	32.5	-19.7	.43	51.27	54	-2.73	-	-	118	297	H
4	* 2.484	38.57	RMS	32.5	-19.7	.43	51.8	54	-2.2	-	-	118	297	H

**AUTHORIZED BANDEDGE (HIGH CHANNEL 10)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

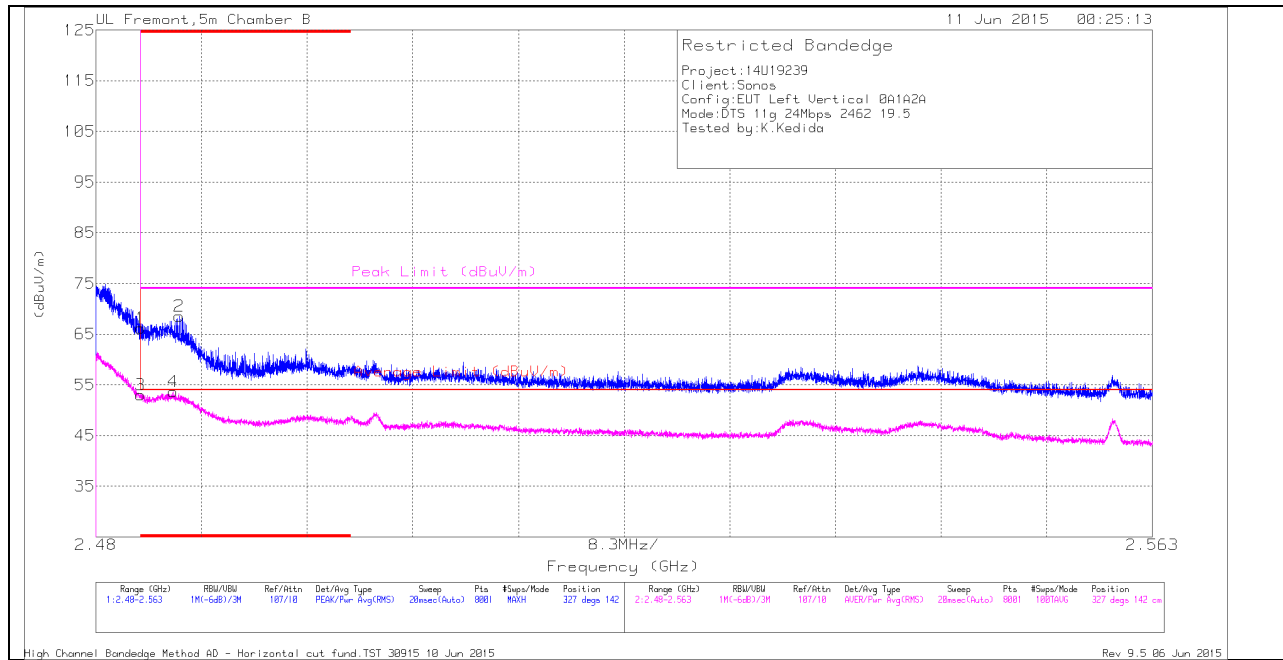


**HORIZONTAL DATA**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.14	Pk	32.5	-19.7	0	64.94	-	-	74	-9.06	286	180	H
2	* 2.487	57.39	Pk	32.5	-19.8	0	70.09	-	-	74	-3.91	286	180	H
3	* 2.484	37.67	RMS	32.5	-19.7	.43	50.9	54	-3.1	-	-	286	180	H
4	* 2.485	40.31	RMS	32.5	-19.8	.43	53.44	54	-5.6	-	-	286	180	H

### AUTHORIZED BANDEDGE (HIGH CHANNEL 11)

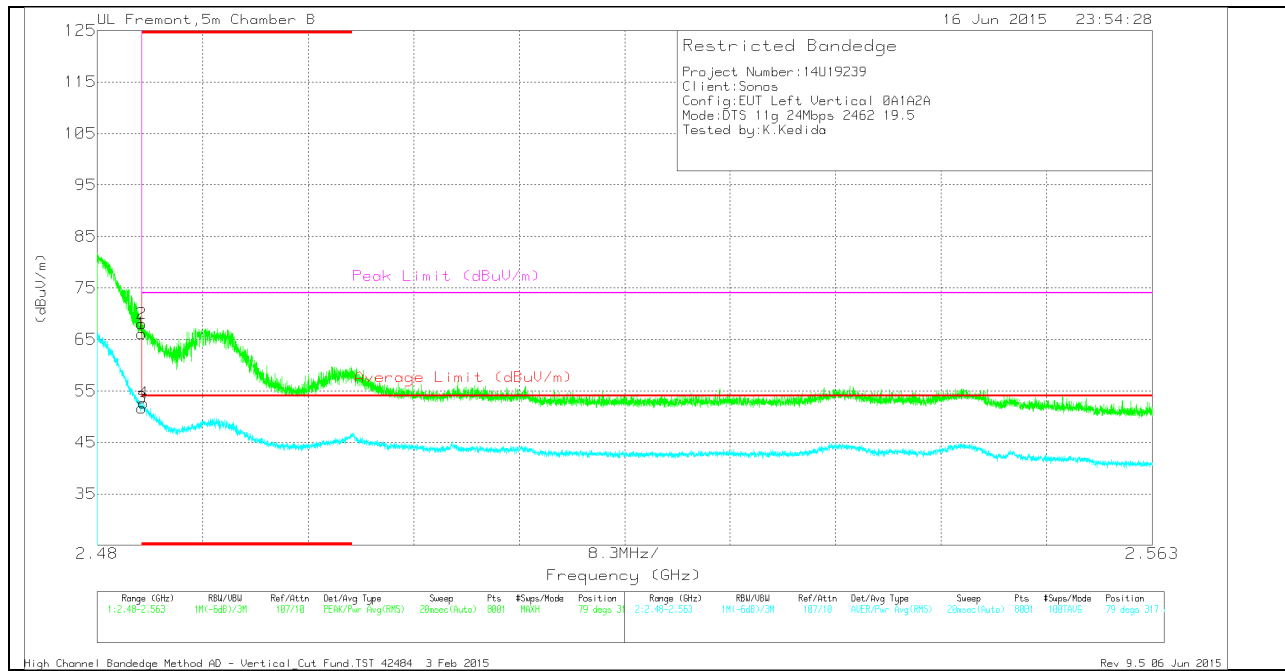
#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.57	Pk	32.5	-20.9	0	66.17	-	-	74	-7.83	327	142	H
2	* 2.487	56.89	Pk	32.5	-20.9	0	68.49	-	-	74	-5.51	327	142	H
3	* 2.484	41.01	RMS	32.5	-20.9	.42	53.03	54	-.97	-	-	327	142	H
4	* 2.486	41.6	RMS	32.5	-20.9	.42	53.62	54	-.38	-	-	327	142	H

**VERTICAL PEAK AND AVERAGE PLOT**



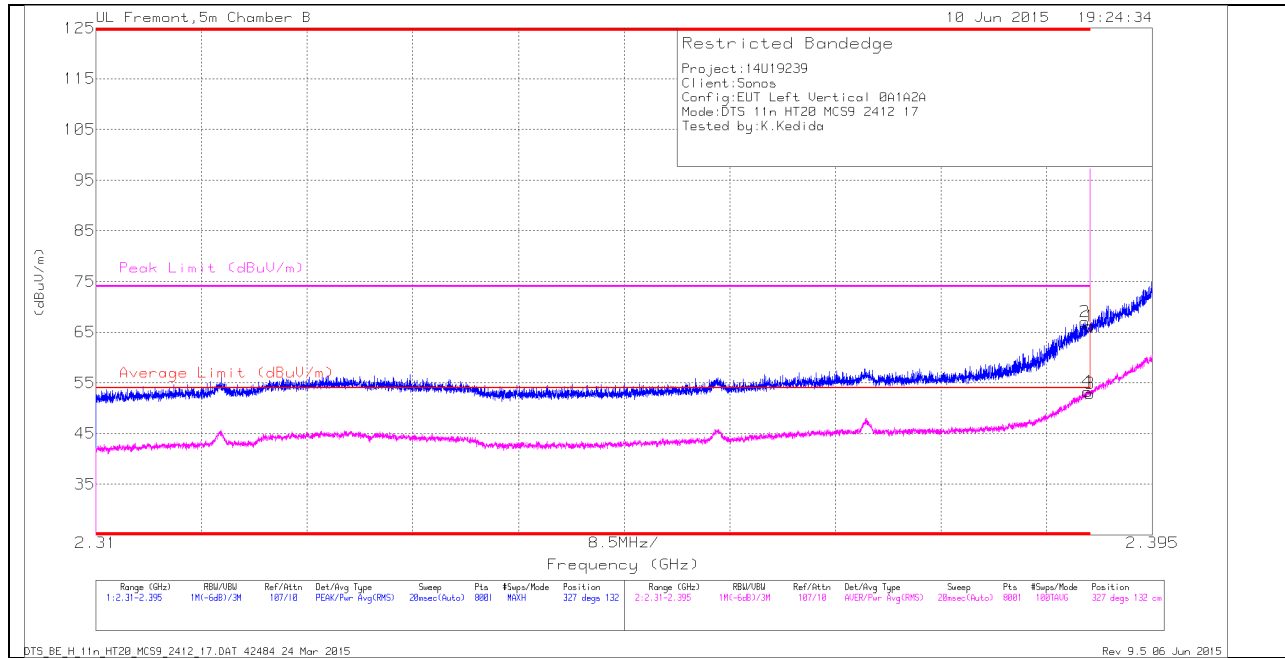
**VERTICAL DATA**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.3	Pk	32.5	-19.7	0	66.1	-	-	74	-7.9	79	317	V
2	* 2.484	55.25	Pk	32.5	-19.7	0	68.05	-	-	74	-5.95	79	317	V
3	* 2.484	38.43	RMS	32.5	-19.7	.42	51.66	54	-2.34	-	-	79	317	V
4	* 2.484	39.4	RMS	32.5	-19.7	.42	52.63	54	-1.37	-	-	79	317	V

**11.3.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND  
 (VERTICAL LEFT)**

**RESTRICTED BANDEDGE (LOW CHANNEL 1)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

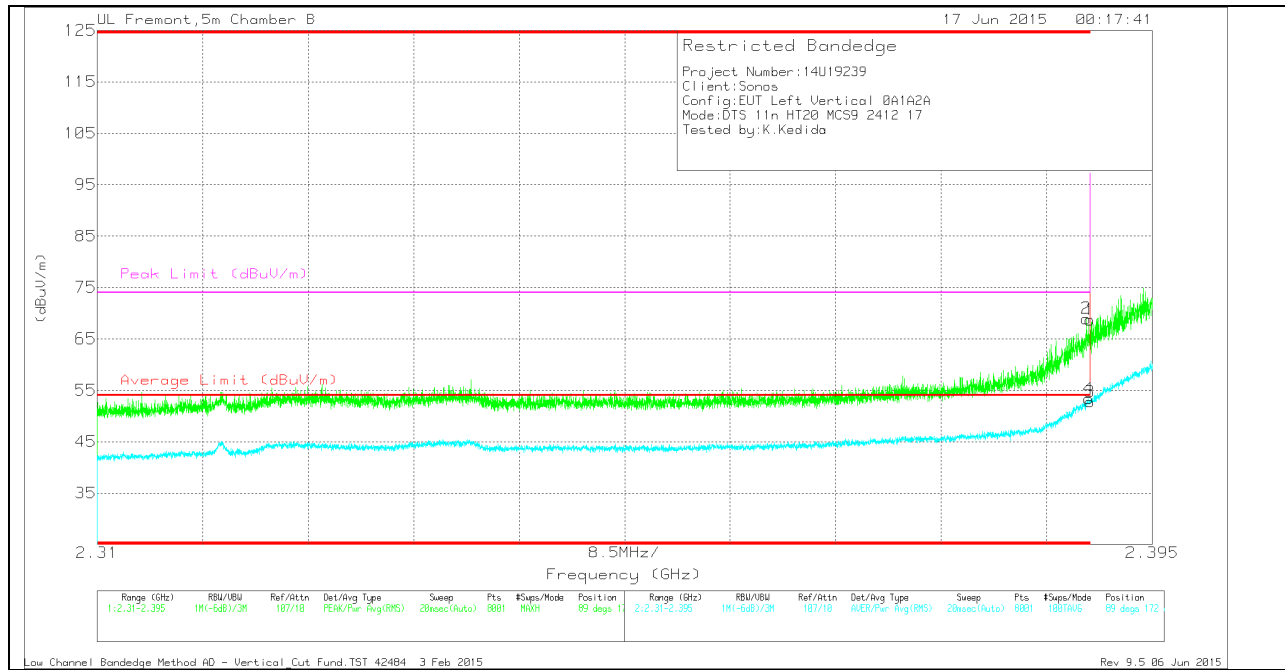


**HORIZONTAL DATA**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.14	Pk	32	-20.9	0	66.24	-	-	74	-7.76	327	132	H
2	* 2.39	55.9	PK	32	-20.9	0	67	-	-	74	-7	327	132	H
3	* 2.39	41.6	RMS	32	-20.9	.43	53.13	54	-.87	-	-	327	132	H
4	* 2.39	42.02	RMS	32	-20.9	.43	53.55	54	-.45	-	-	327	132	H



**VERTICAL PEAK AND AVERAGE PLOT**

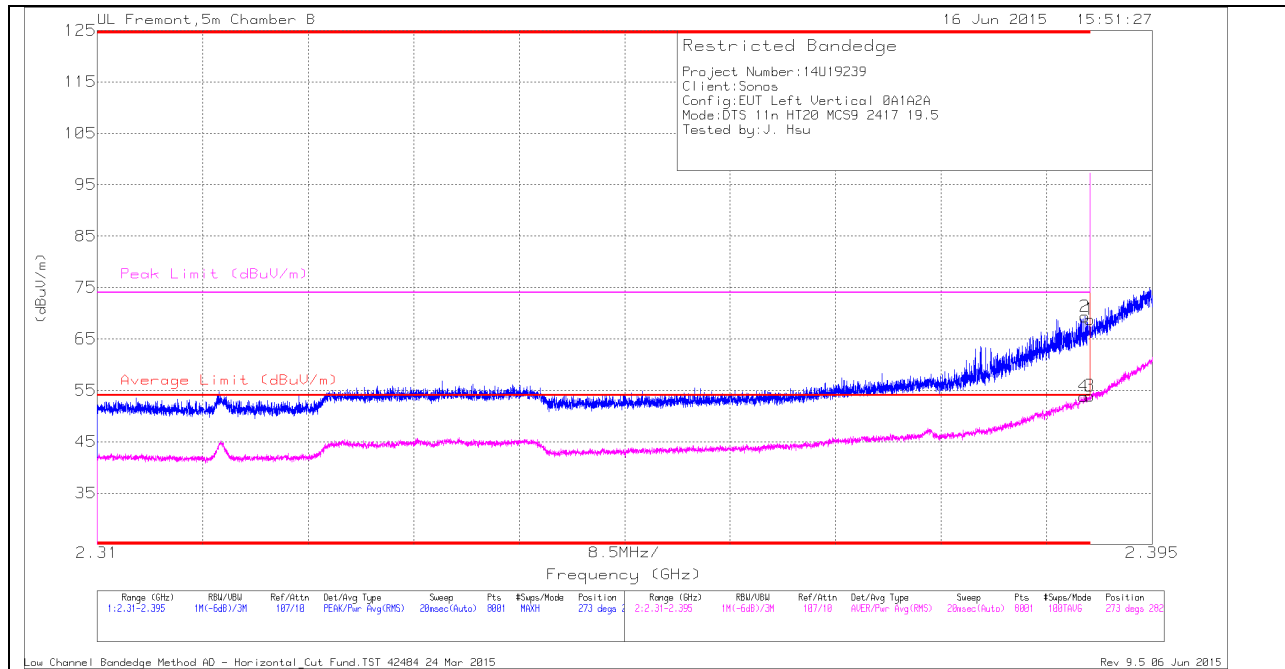


**VERTICAL DATA**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	56.52	Pk	32	-19.8	0	68.72	-	-	74	-5.28	89	172	V
2	* 2.39	56.76	Pk	32	-19.8	0	68.96	-	-	74	-5.04	89	172	V
3	* 2.39	40.13	RMS	32	-19.8	.43	52.75	54	-1.25	-	-	89	172	V
4	* 2.39	40.77	RMS	32	-19.8	.43	53.39	54	-61	-	-	89	172	V

**RESTRICTED BANDEDGE (LOW CHANNEL 2)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

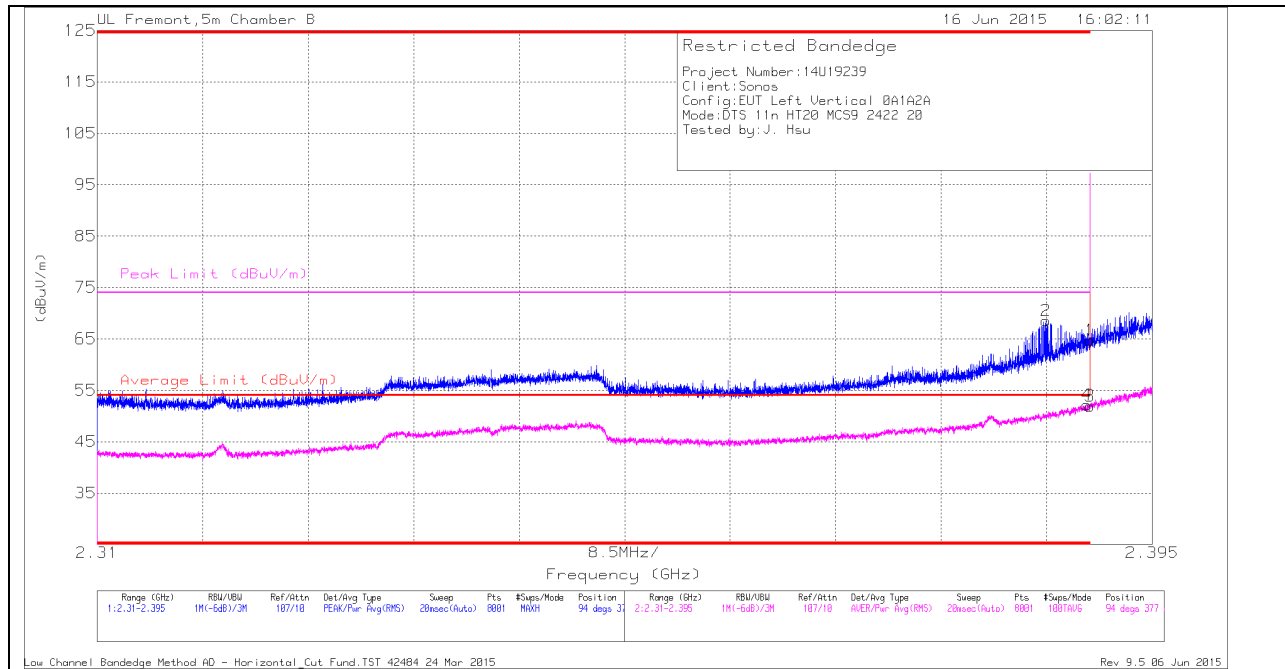


**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/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	* 2.39	56.6	Pk	32	-19.8	0	68.8	-	-	74	-5.2	273	282	H
2	* 2.39	57.15	Pk	32	-19.8	0	69.35	-	-	74	-4.65	273	282	H
3	* 2.39	41.29	RMS	32	-19.8	.43	53.92	54	-.08	-	-	273	282	H
4	* 2.389	41.18	RMS	32	-19.8	.43	53.81	54	-.19	-	-	273	282	H

**RESTRICTED BANDEDGE (LOW CHANNEL 3)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

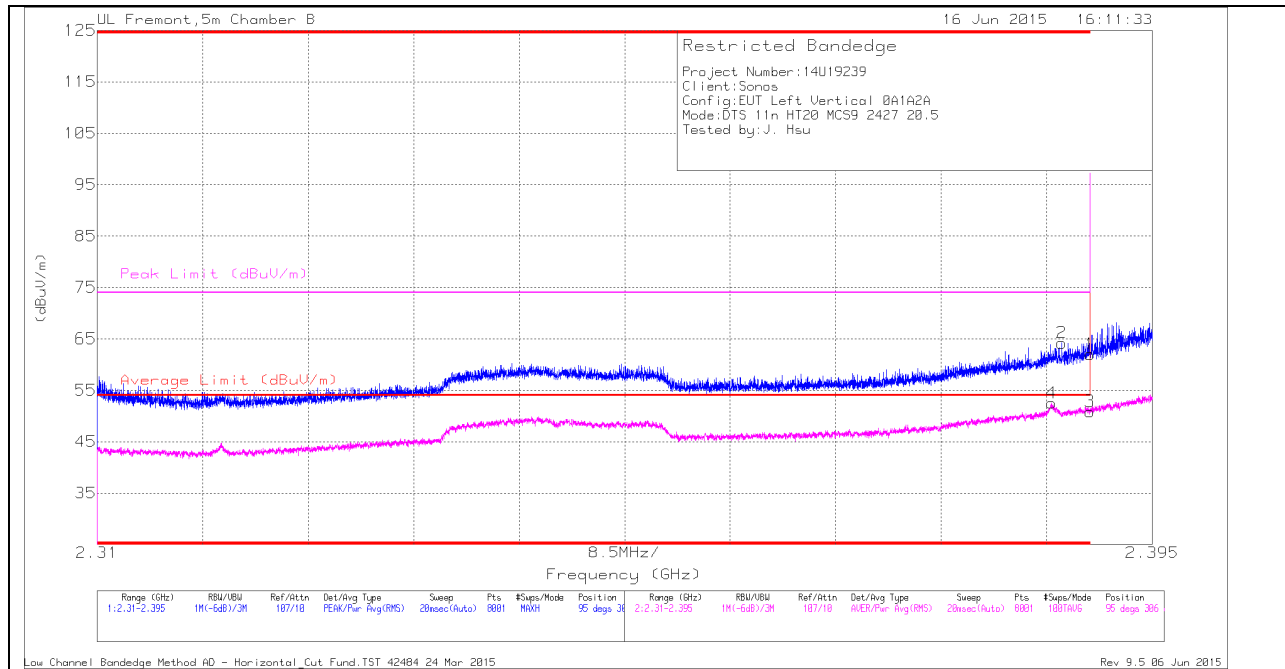


**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/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	* 2.39	52.54	Pk	32	-19.8	0	64.74	-	-	74	-9.26	94	377	H
2	* 2.386	56.31	Pk	32	-19.8	0	68.51	-	-	74	-5.49	94	377	H
3	* 2.39	39.3	RMS	32	-19.8	.43	51.93	54	-2.07	-	-	94	377	H
4	* 2.39	39.51	RMS	32	-19.8	.43	52.14	54	-1.86	-	-	94	377	H

**RESTRICTED BANDEDGE (LOW CHANNEL 4)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

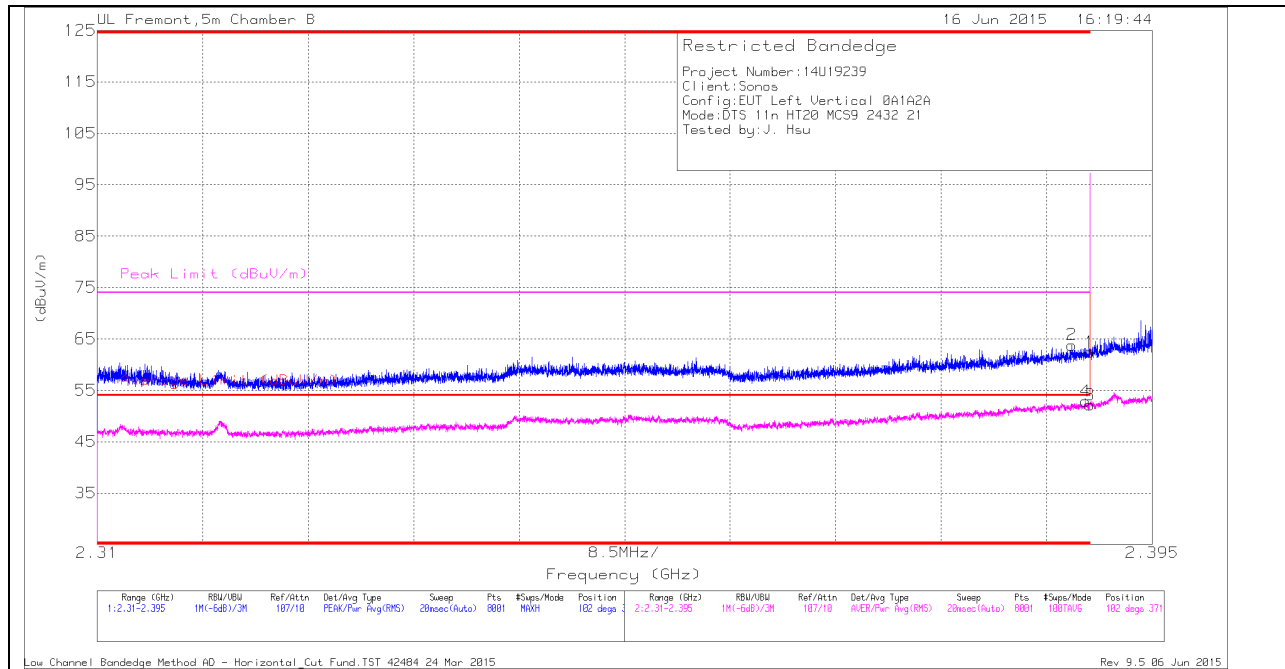


**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/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	* 2.39	49.8	Pk	32	-19.8	0	62	-	-	74	-12	95	306	H
2	* 2.388	52.01	Pk	32	-19.8	0	64.21	-	-	74	-9.79	95	306	H
3	* 2.39	38.23	RMS	32	-19.8	.43	50.86	54	-3.14	-	-	95	306	H
4	* 2.387	39.89	RMS	32	-19.8	.43	52.52	54	-1.48	-	-	95	306	H

**RESTRICTED BANDEDGE (LOW CHANNEL 5)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

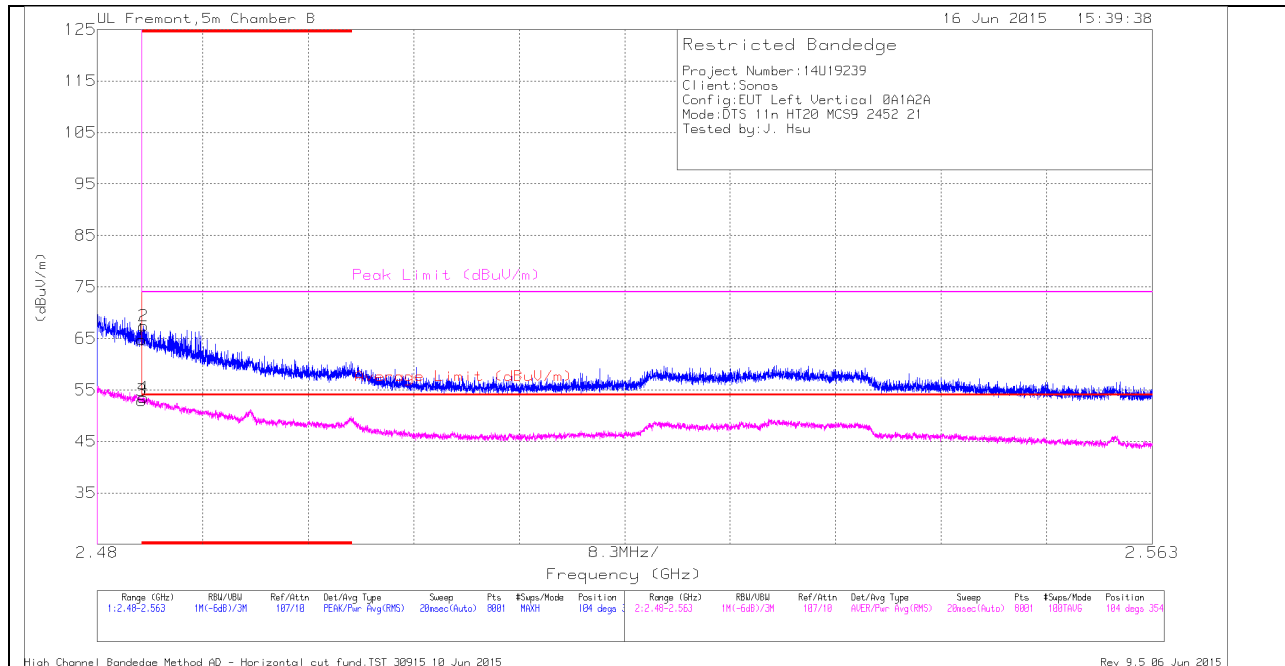


**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/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	* 2.39	50.21	Pk	32	-19.8	0	62.41	-	-	74	-11.59	102	371	H
2	* 2.389	51.63	Pk	32	-19.8	0	63.83	-	-	74	-10.17	102	371	H
3	* 2.39	39.53	RMS	32	-19.8	.43	52.16	54	-1.84	-	-	102	371	H
4	* 2.39	40.27	RMS	32	-19.8	.43	52.9	54	-1.1	-	-	102	371	H

**AUTHORIZED BANDEDGE (HIGH CHANNEL 9)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

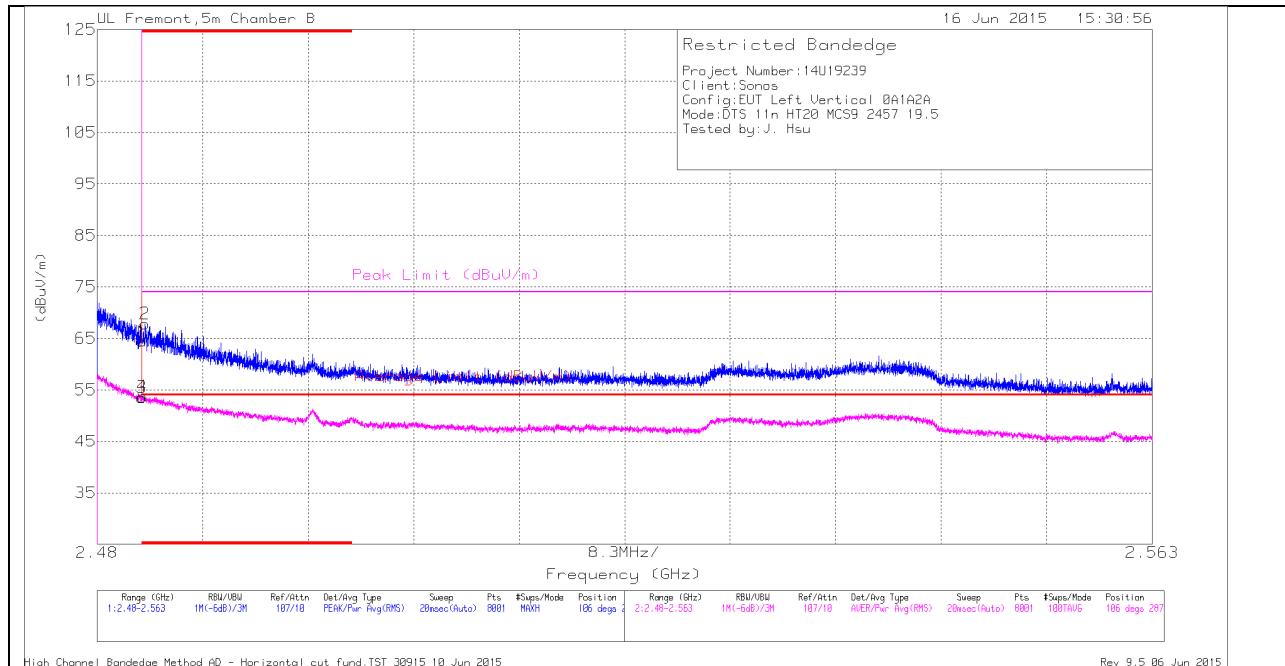


**HORIZONTAL DATA**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.93	Pk	32.5	-19.7	0	64.73	-	-	74	-9.27	104	354	H
2	* 2.484	54.64	Pk	32.5	-19.7	0	67.44	-	-	74	-6.56	104	354	H
3	* 2.484	39.68	RMS	32.5	-19.7	.43	52.91	54	-1.09	-	-	104	354	H
4	* 2.484	40.27	RMS	32.5	-19.7	.43	53.5	54	-5	-	-	104	354	H

**AUTHORIZED BANDEDGE (HIGH CHANNEL 10)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

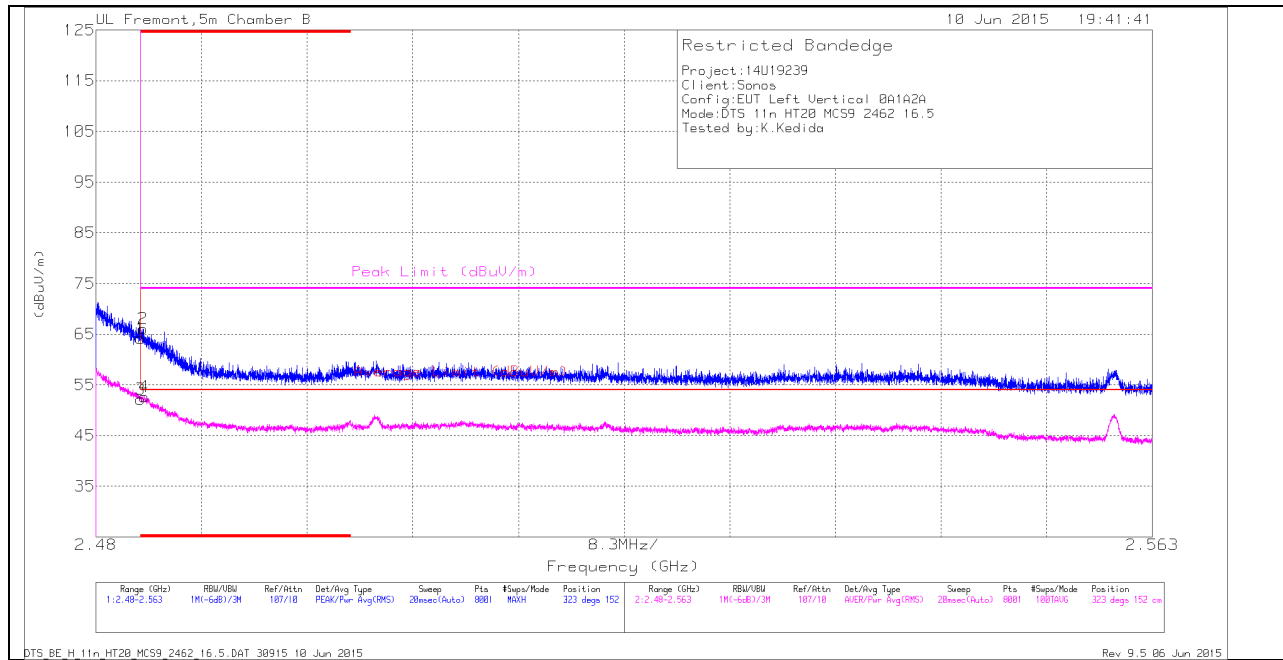


**HORIZONTAL DATA**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.71	Pk	32.5	-19.7	0	64.51	-	-	74	-9.49	106	287	H
2	* 2.484	55.02	Pk	32.5	-19.7	0	67.82	-	-	74	-6.18	106	287	H
3	* 2.484	40.3	RMS	32.5	-19.7	.43	53.53	54	-4.7	-	-	106	287	H
4	* 2.484	40.47	RMS	32.5	-19.7	.43	53.7	54	-3	-	-	106	287	H

### AUTHORIZED BANDEDGE (HIGH CHANNEL 11)

#### HORIZONTAL PEAK AND AVERAGE PLOT

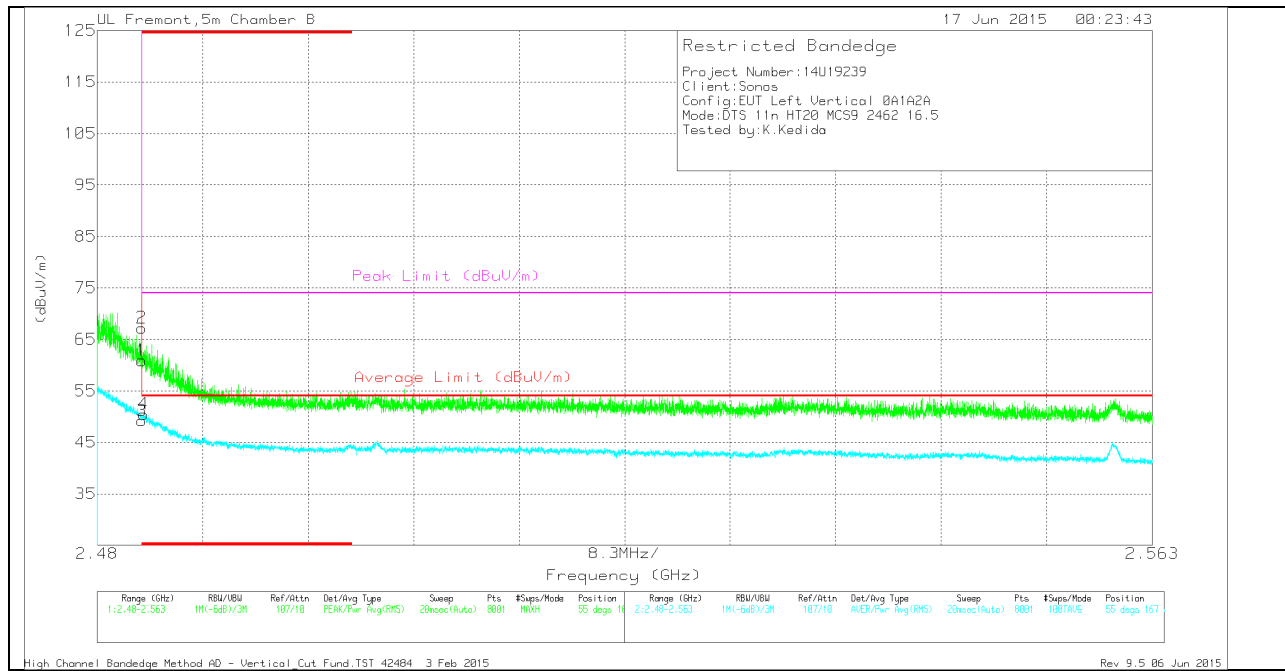


#### HORIZONTAL DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.59	Pk	32.5	-20.9	0	64.19	-	-	74	-9.81	323	152	H
2	* 2.484	54.45	Pk	32.5	-20.9	0	66.05	-	-	74	-7.95	323	152	H
3	* 2.484	40.41	RMS	32.5	-20.9	.43	52.44	54	-1.56	-	-	323	152	H
4	* 2.484	40.88	RMS	32.5	-20.9	.43	52.91	54	-1.09	-	-	323	152	H



**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

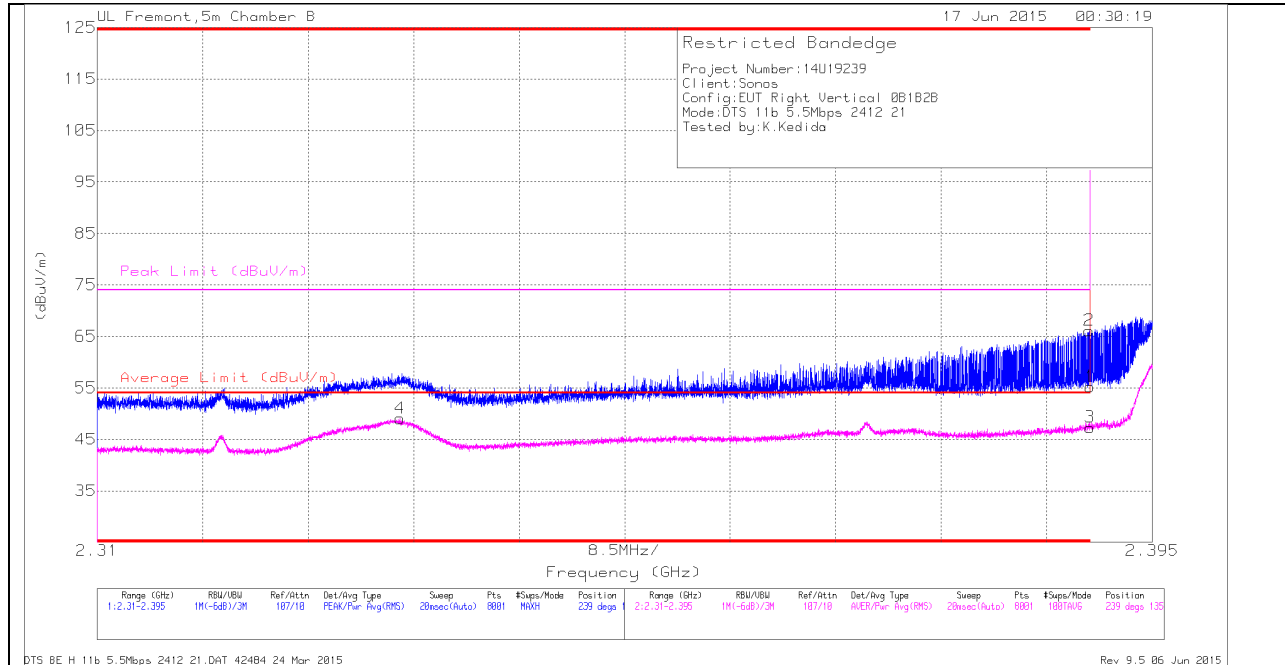
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.11	Pk	32.5	-19.7	0	60.91	-	-	74	-13.09	55	167	V
2	* 2.484	54.43	Pk	32.5	-19.7	0	67.23	-	-	74	-6.77	55	167	V
3	* 2.484	36.02	RMS	32.5	-19.7	.43	49.24	54	-4.76	-	-	55	167	V
4	* 2.484	37.25	RMS	32.5	-19.7	.43	50.47	54	-3.53	-	-	55	167	V

## 11.4. TRANSMITTER ABOVE 1 GHz (RIGHT VERTICAL) WITH HARMONIC

### 11.4.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND (VERTICAL RIGHT)

#### RESTRICTED BANDEDGE (LOW CHANNEL)

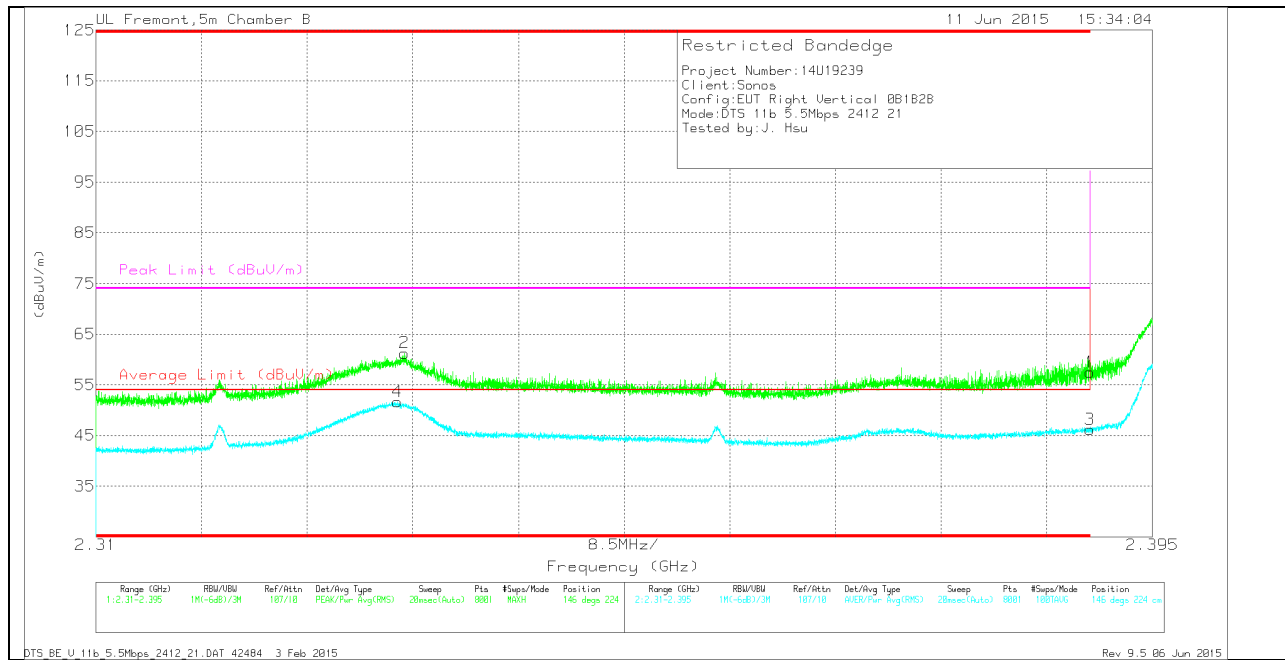
#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filter/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
4	* 2.334	37.17	RMS	31.7	-19.9	0	49.07	54	-4.93	-	-	239	135	H
1	* 2.39	43.03	Pk	32	-19.8	0	55.23	-	-	74	-18.77	239	135	H
2	* 2.39	53.95	Pk	32	-19.8	0	66.15	-	-	74	-7.85	239	135	H
3	* 2.39	35.03	RMS	32	-19.8	0	47.33	54	-6.67	-	-	239	135	H

**VERTICAL PEAK AND AVERAGE PLOT**

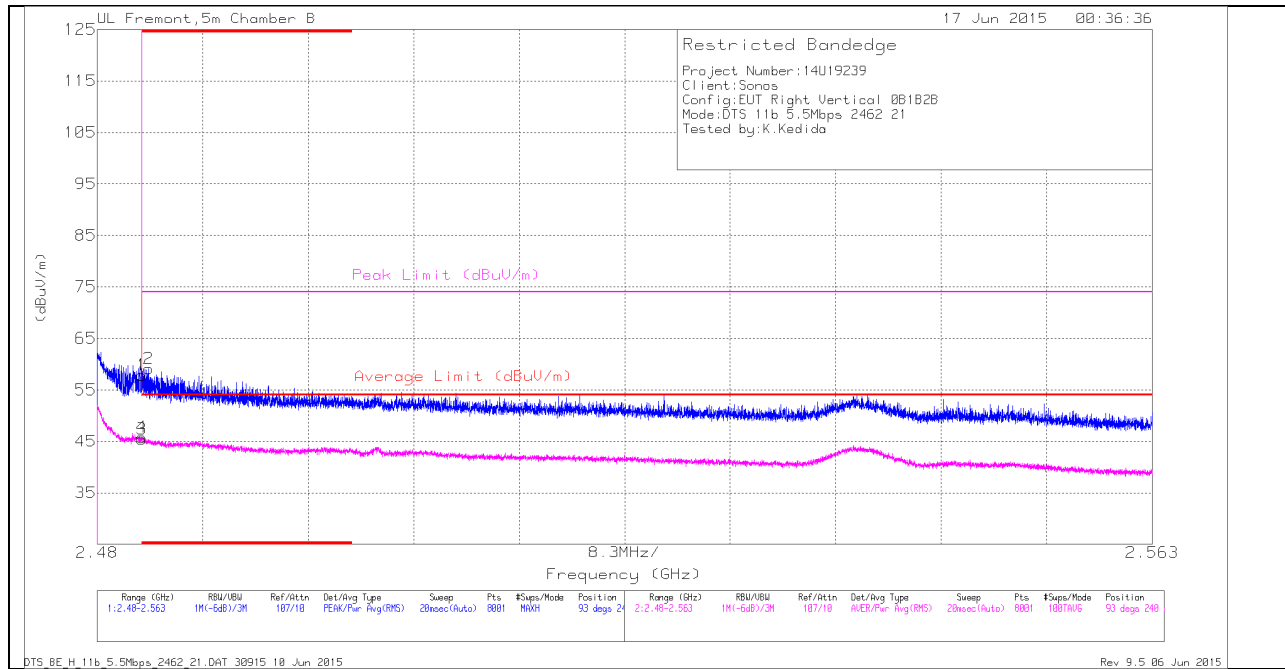


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.39	46.38	Pk	32	-20.9	0	57.48	-	-	74	-16.52	146	224	V
2	* 2.335	50.48	Pk	31.7	-20.9	0	61.28	-	-	74	-12.72	146	224	V
3	* 2.39	35.05	RMS	32	-20.9	0	46.25	54	-7.75	-	-	146	224	V
4	* 2.334	40.73	RMS	31.7	-20.9	0	51.63	54	-2.37	-	-	146	224	V

## RESTRICTED BANDEDGE (HIGH CHANNEL)

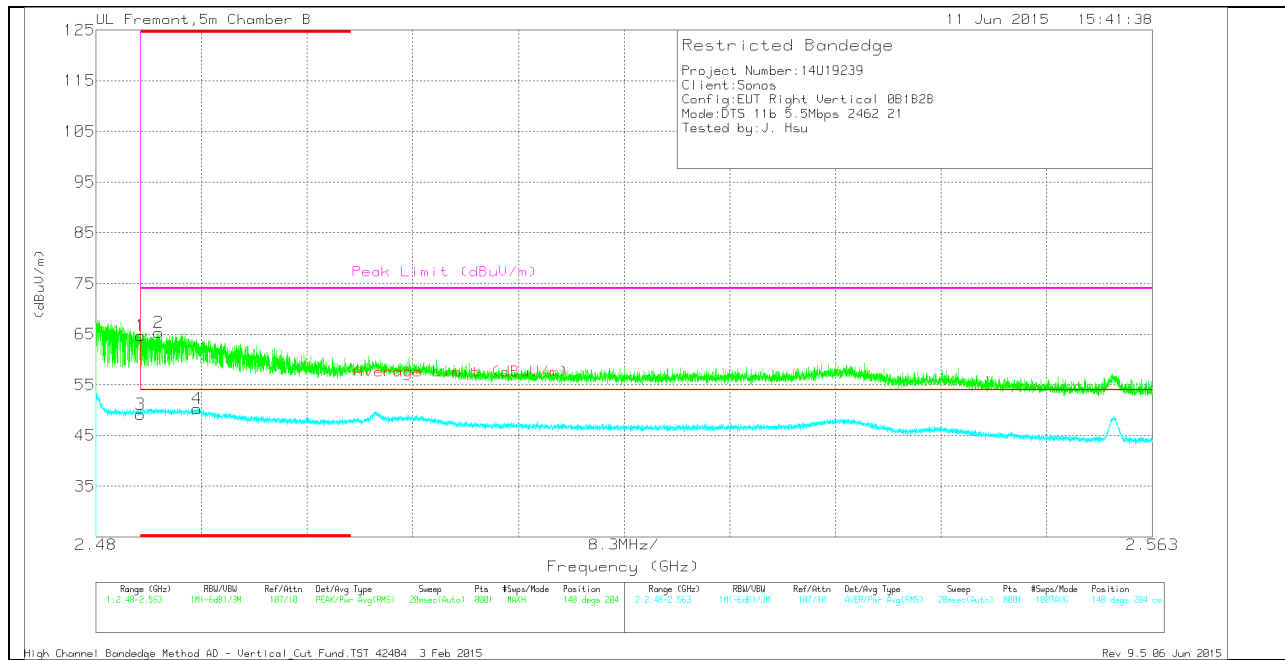
### HORIZONTAL PEAK AND AVERAGE PLOT



### HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/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	* 2.484	45.06	Pk	32.5	-19.7	0	57.86	-	-	74	-16.14	93	240	H
2	* 2.484	46.4	Pk	32.5	-19.8	0	59.1	-	-	74	-14.9	93	240	H
3	* 2.484	32.54	RMS	32.5	-19.7	0	45.44	54	-8.56	-	-	93	240	H
4	* 2.484	32.88	RMS	32.5	-19.7	0	45.78	54	-8.22	-	-	93	240	H

**VERTICAL PEAK AND AVERAGE PLOT**

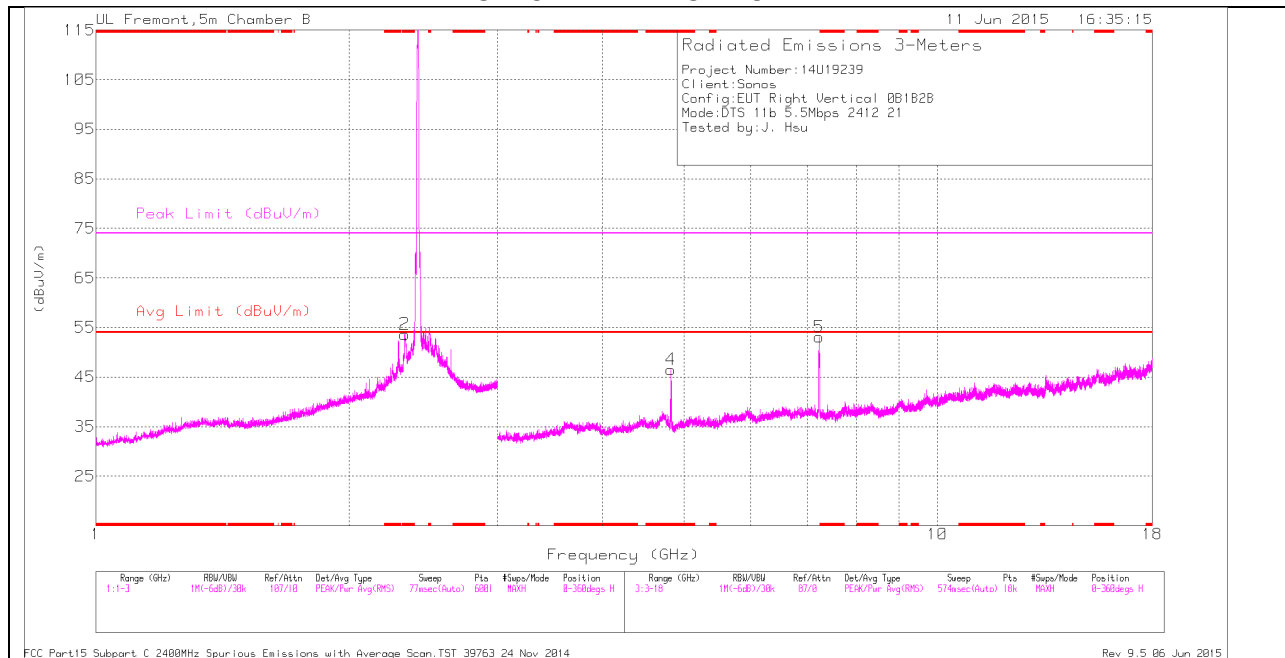


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.484	53.14	Pk	32.5	-20.9	0	64.74	-	-	74	-9.26	140	204	V
2	* 2.485	53.74	Pk	32.5	-20.9	0	65.34	-	-	74	-8.66	140	204	V
3	* 2.484	37.48	RMS	32.5	-20.9	0	49.18	54	-4.82	-	-	140	204	V
4	* 2.488	38.61	RMS	32.5	-20.9	0	50.31	54	-3.69	-	-	140	204	V

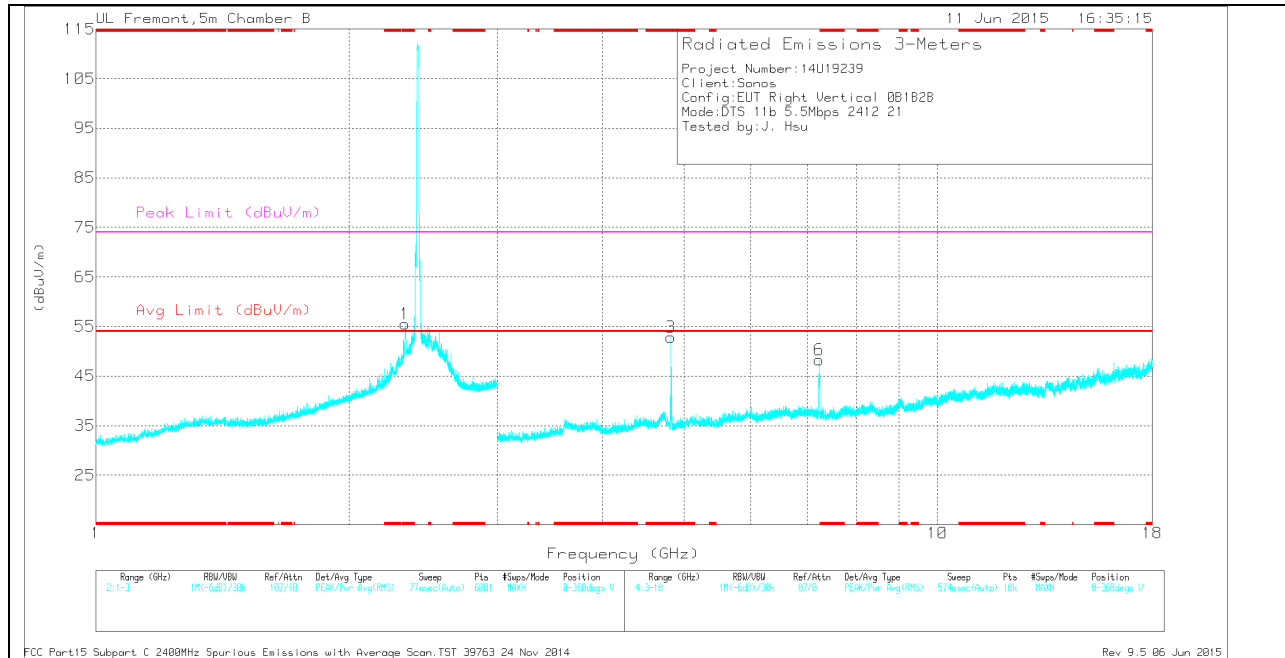
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.328	42.86	Pk	31.7	-20.9	0	53.66	-	-	74	-20.34	0-360	101	H
1	* 2.331	44.76	Pk	31.7	-20.9	0	55.56	-	-	74	-18.44	0-360	199	V
4	* 4.824	41.95	Pk	34.3	-29.7	0	46.55	-	-	74	-27.45	0-360	199	H
3	* 4.824	48.19	Pk	34.3	-29.7	0	52.79	-	-	74	-21.21	0-360	101	V
5	7.235	45.52	Pk	35.3	-27.7	0	53.12	-	-	74	-20.88	0-360	199	H
6	7.236	40.75	Pk	35.3	-27.8	0	48.25	-	-	74	-25.75	0-360	199	V

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

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.332	51.41	PK2	31.7	-20.9	0	62.21	-	-	74	-11.79	51	184	H
* 2.332	41.68	MAV1	31.7	-20.9	.1	52.58	54	-1.42	-	-	51	184	H
* 2.333	52.05	PK2	31.7	-20.9	0	62.85	-	-	74	-11.15	128	204	V
* 2.331	42.19	MAV1	31.7	-20.9	.1	53.09	54	-.91	-	-	128	204	V
* 4.824	49.42	PK2	34.3	-29.7	0	54.02	-	-	74	-19.98	59	213	H
* 4.824	35.98	MAV1	34.3	-29.7	.1	40.68	54	-13.32	-	-	59	213	H
* 4.824	52.99	PK2	34.3	-29.7	0	57.59	-	-	74	-16.41	229	115	V
* 4.824	37.79	MAV1	34.3	-29.7	.1	42.49	54	-11.51	-	-	229	115	V
7.228	40.8	MAV1	35.3	-27.5	.1	48.7	54	-5.3	-	-	354	193	H
7.234	51.07	PK2	35.3	-27.7	0	58.67	-	-	74	-15.33	354	193	H
7.236	47.8	PK2	35.3	-27.7	0	55.4	-	-	74	-18.6	279	207	V
7.237	36.39	MAV1	35.3	-27.8	.1	43.99	54	-10.01	-	-	279	207	V

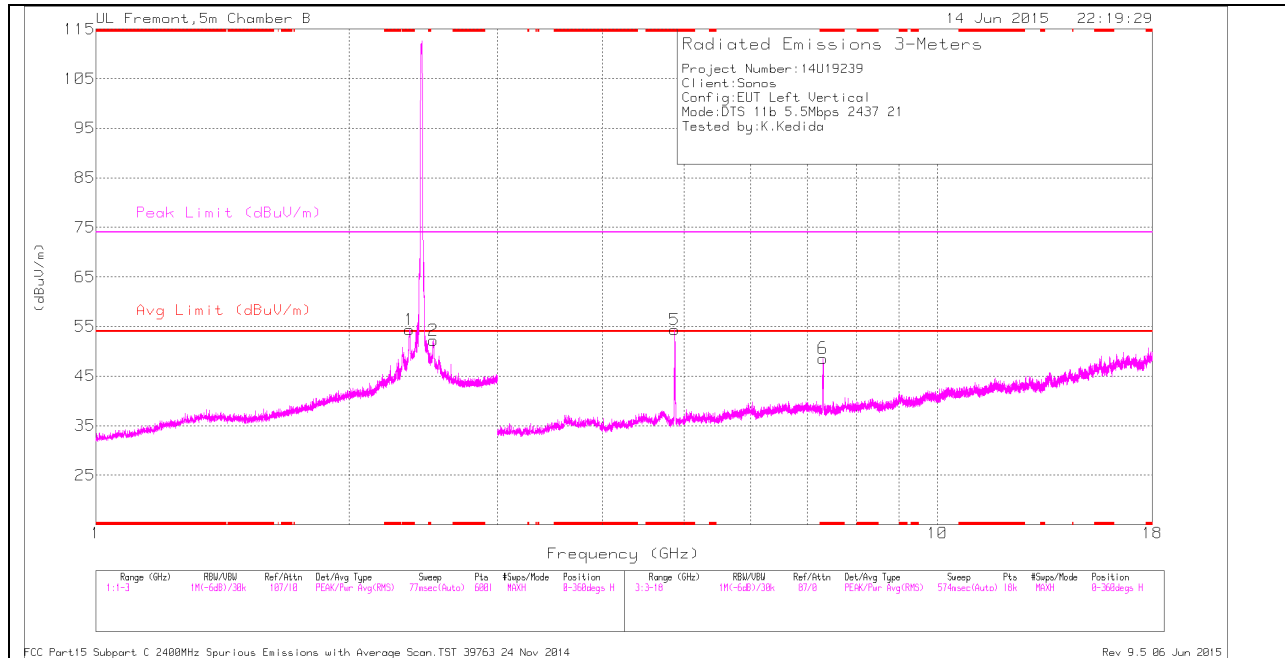
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

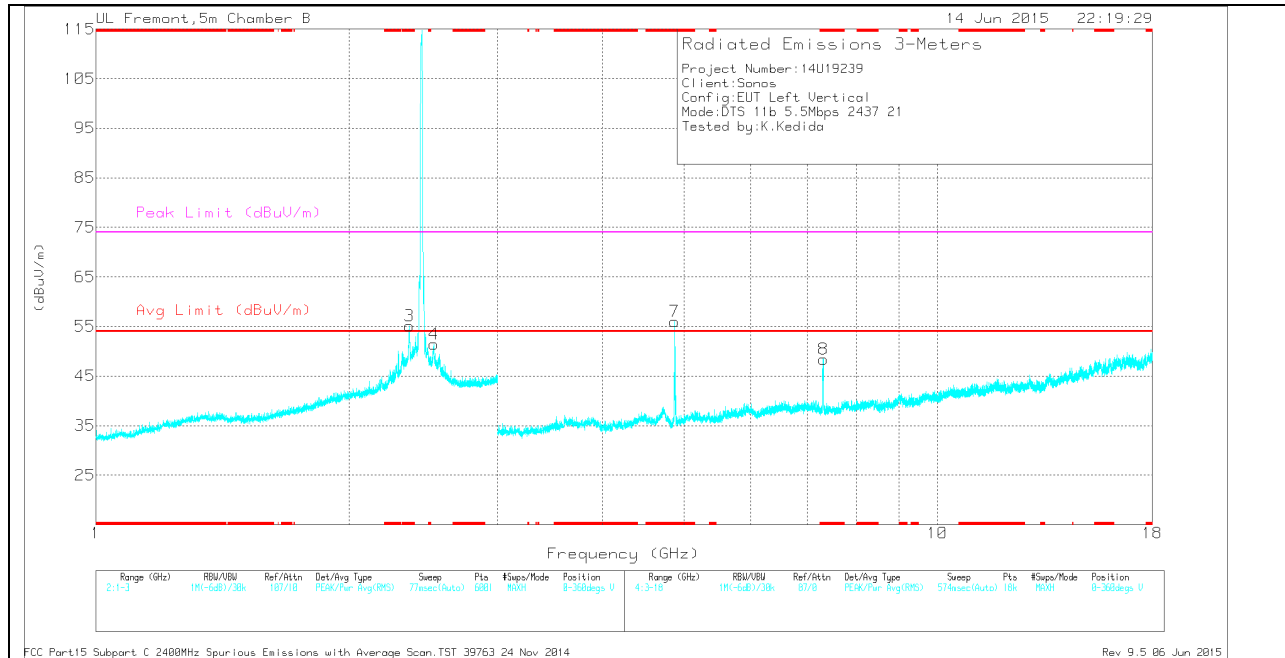


MID CHANNEL HORIZONTAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.358	42.47	Pk	31.8	-19.9	0	54.37	-	-	74	-19.63	0-360	101	H
3	* 2.357	43.23	Pk	31.8	-19.9	0	55.13	-	-	74	-18.87	0-360	101	V
5	* 4.874	49.76	Pk	34.2	-29.6	0	54.36	-	-	74	-19.64	0-360	200	H
6	* 7.31	40.68	Pk	35.3	-27.4	0	48.58	-	-	74	-25.42	0-360	200	H
7	* 4.874	51.4	Pk	34.2	-29.6	0	56	-	-	74	-18	0-360	101	V
8	* 7.319	40.41	Pk	35.3	-27.3	0	48.41	-	-	74	-25.59	0-360	200	V
2	2.517	39.35	Pk	32.6	-19.7	0	52.25	-	-	74	-21.75	0-360	199	H
4	2.52	38.64	Pk	32.6	-19.8	0	51.44	-	-	74	-22.56	0-360	199	V

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

Pk - Peak detector

Radiated Emissions

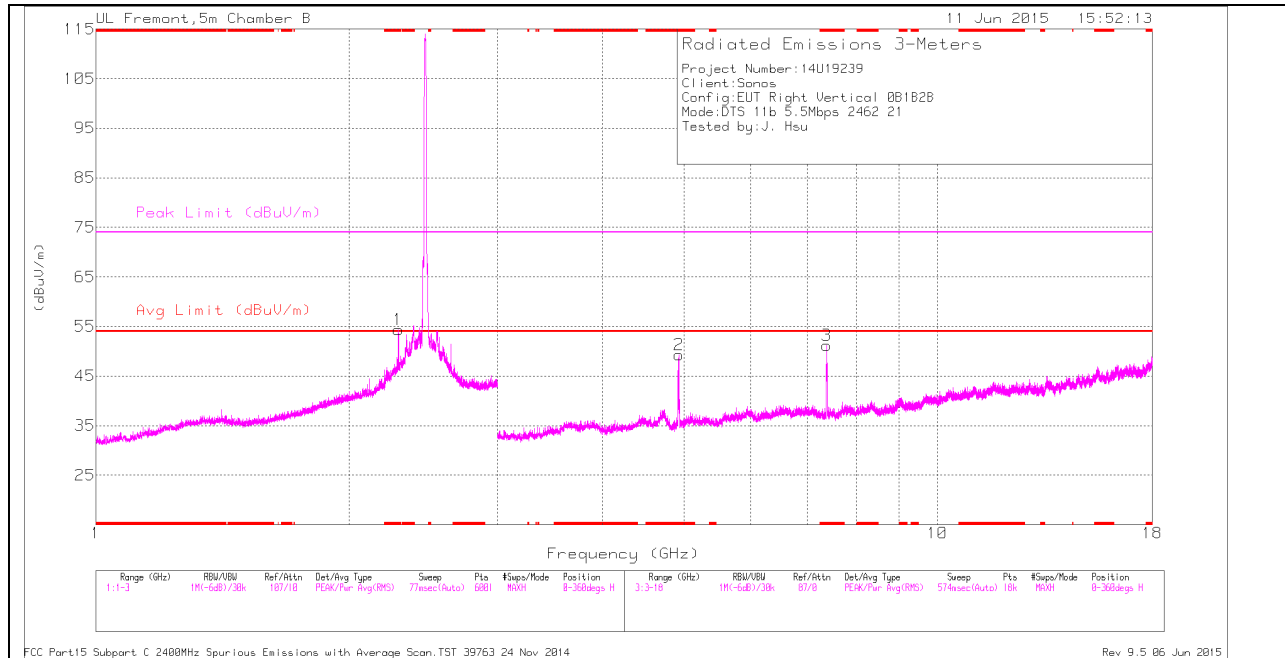
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.357	50.19	PK2	31.8	-19.9	0	62.09	-	-	74	-11.91	239	136	H
* 2.356	40.5	MAV1	31.8	-19.9	.13	52.53	54	-1.47	-	-	239	136	H
* 2.357	50.94	PK2	31.8	-19.9	0	62.84	-	-	74	-11.16	78	117	V
* 2.356	41.41	MAV1	31.8	-19.9	.13	53.44	54	-.56	-	-	78	117	V
* 4.874	55	PK2	34.2	-29.6	0	59.6	-	-	74	-14.4	24	147	H
* 4.874	40.15	MAV1	34.2	-29.6	.13	44.88	54	-9.12	-	-	24	147	H
* 4.874	50.31	PK2	34.2	-29.6	0	54.91	-	-	74	-19.09	39	248	V
* 4.874	36.08	MAV1	34.2	-29.6	.13	40.81	54	-13.19	-	-	39	248	V
* 7.319	46.67	PK2	35.3	-27.3	0	54.67	-	-	74	-19.33	98	186	V
* 7.319	38.85	MAV1	35.3	-27.3	.13	46.98	54	-7.02	-	-	98	186	V
2.518	47.67	PK2	32.6	-19.7	0	60.57	-	-	74	-13.43	231	162	H
2.518	37.54	MAV1	32.6	-19.7	.13	50.57	54	-3.43	-	-	231	162	H
2.52	47.42	PK2	32.6	-19.8	0	60.22	-	-	74	-13.78	96	219	V
2.52	36.55	MAV1	32.6	-19.8	.13	49.48	54	-4.52	-	-	96	219	V

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

PK2 - KDB558074 Method: Maximum Peak

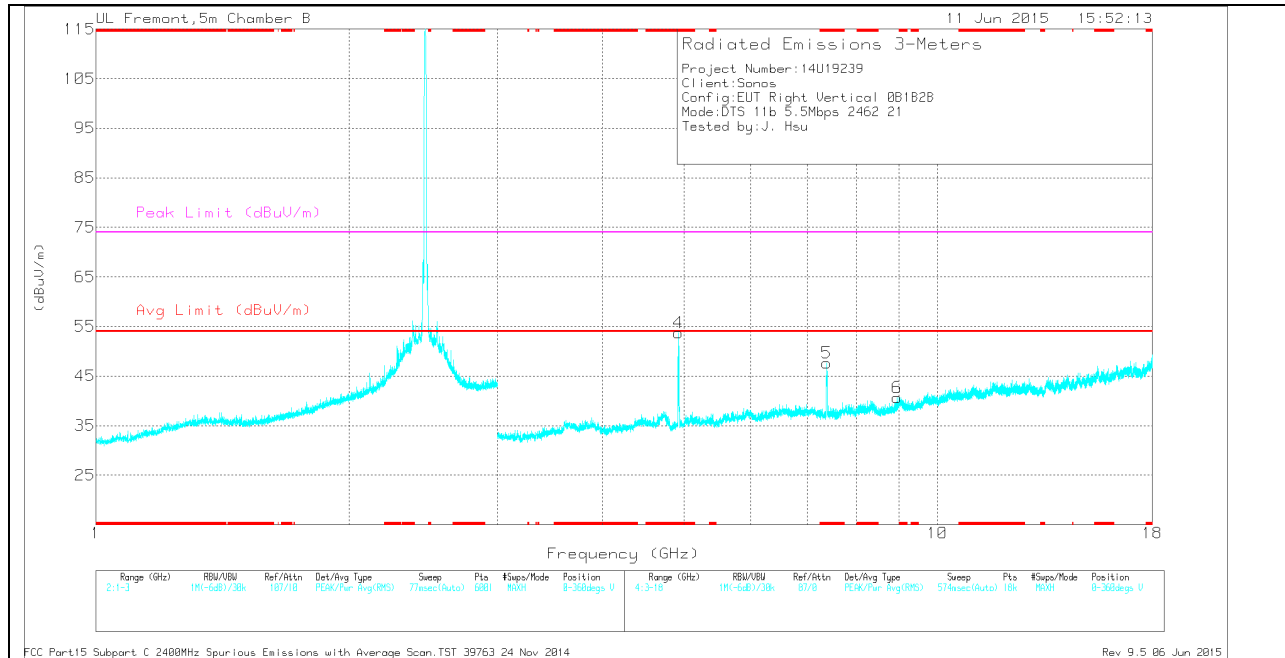
MAV1 - KDB558074 Option 1 Maximum RMS Average

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Ftr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.288	43.67	Pk	31.5	-20.8	0	54.37	-	-	74	-19.63	0-360	101	H
2	* 4.929	45.69	Pk	34.1	-30.5	0	49.29	-	-	74	-24.71	0-360	200	H
3	* 7.386	43.4	Pk	35.4	-27.6	0	51.2	-	-	74	-22.8	0-360	101	H
4	* 4.924	50.14	Pk	34.1	-30.5	0	53.74	-	-	74	-20.26	0-360	101	V
5	* 7.386	39.88	Pk	35.4	-27.6	0	47.68	-	-	74	-26.32	0-360	101	V
6	8.96	29.68	Pk	36	-25	0	40.68	-	-	74	-33.32	0-360	101	V

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

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Ftr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.288	49.03	PK2	31.5	-20.8	0	59.73	-	-	74	-14.27	59	223	H
* 2.288	42.29	MAv1	31.5	-20.8	.1	53.09	54	-.91	-	-	59	223	H
* 4.929	49.71	PK2	34.1	-30.5	0	53.31	-	-	74	-20.69	37	207	H
* 4.929	42.23	MAv1	34.1	-30.5	.1	45.93	54	-8.07	-	-	37	207	H
* 7.386	47.47	PK2	35.4	-27.6	0	55.27	-	-	74	-18.73	352	181	H
* 7.394	37.57	MAv1	35.4	-27.5	.1	45.57	54	-8.43	-	-	352	181	H
* 4.918	51.07	PK2	34.1	-30.5	0	54.67	-	-	74	-19.33	103	303	V
* 4.918	44.32	MAv1	34.1	-30.5	.1	48.02	54	-5.98	-	-	103	303	V
* 7.394	46.36	PK2	35.4	-27.5	0	54.26	-	-	74	-19.74	28	121	V
* 7.394	37.99	MAv1	35.4	-27.5	.1	45.99	54	-8.01	-	-	28	121	V

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

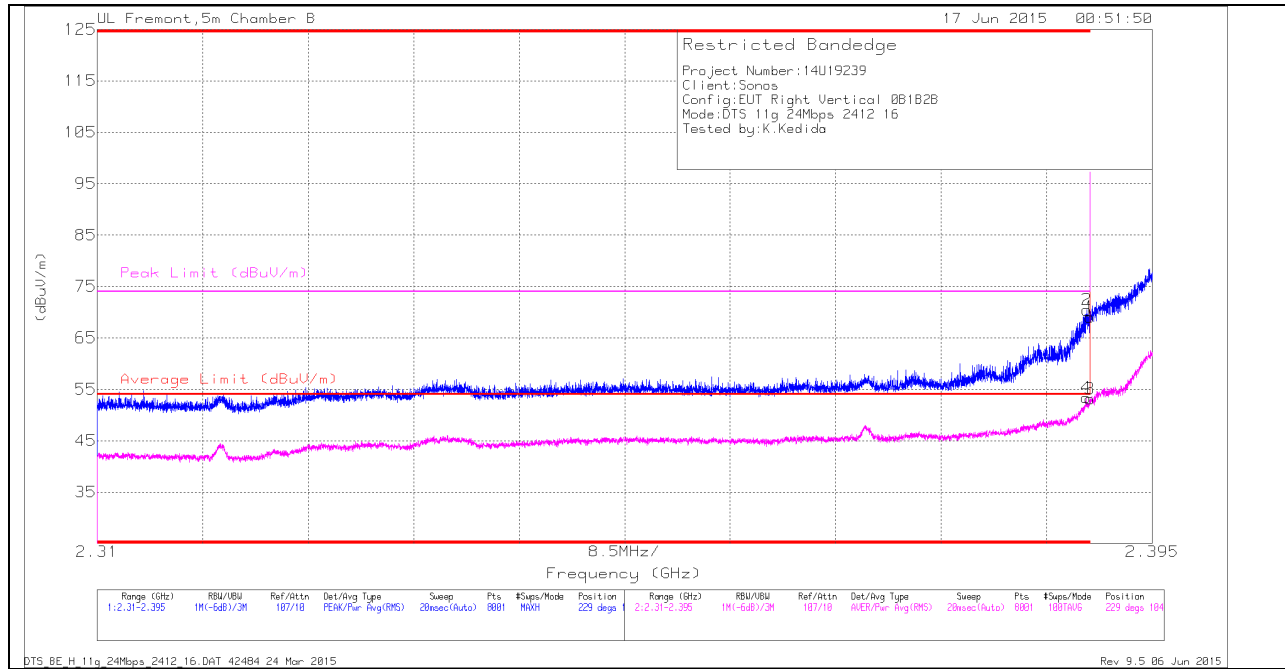
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### 11.4.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND (VERTICAL RIGHT)

#### RESTRICTED BANDEGE (LOW CHANNEL 1)

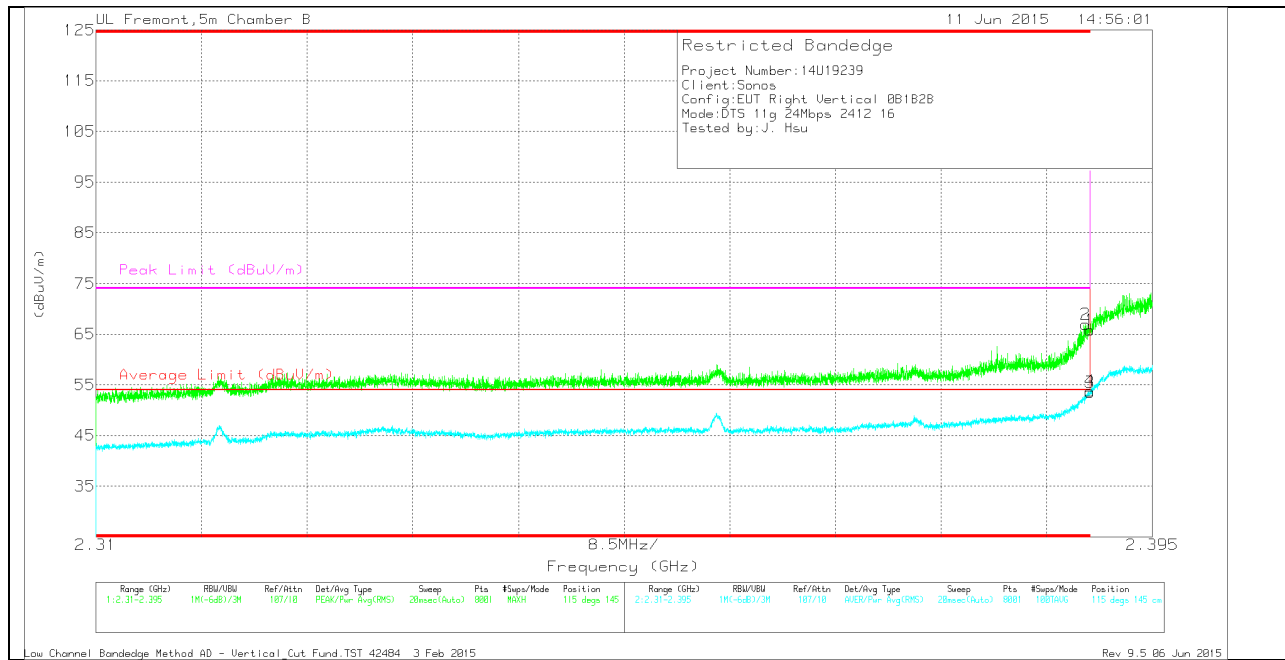
#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filter/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	* 2.39	56.84	Pk	32	-19.8	0	69.04	-	-	74	-4.96	229	104	H
2	* 2.39	58.25	Pk	32	-19.8	0	70.45	-	-	74	-3.55	229	104	H
3	* 2.39	40.49	RMS	32	-19.8	.43	53.12	54	-.88	-	-	229	104	H
4	* 2.39	40.75	RMS	32	-19.8	.43	53.38	54	-.62	-	-	229	104	H

**VERTICAL PEAK AND AVERAGE PLOT**



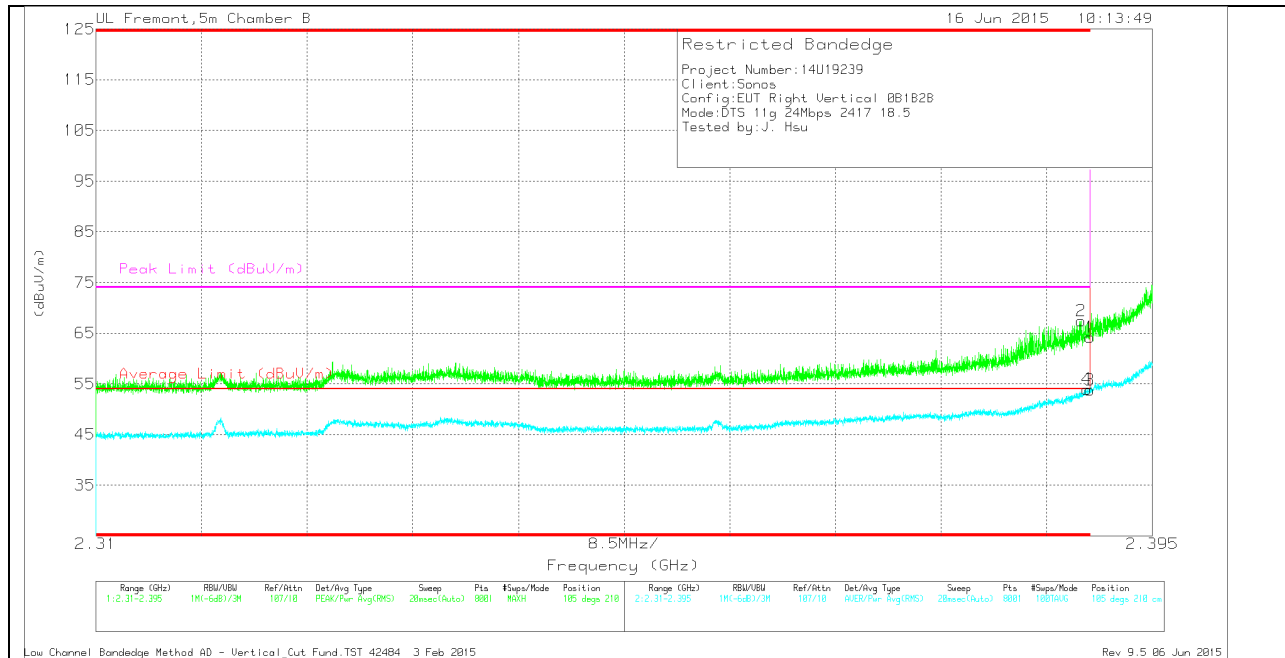
**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.39	54.76	Pk	32	-20.9	0	65.86	-	-	74	-8.14	115	145	V
2	* 2.39	55.85	Pk	32	-20.9	0	66.95	-	-	74	-7.05	115	145	V
3	* 2.39	42.06	RMS	32	-20.9	.41	53.57	54	-.43	-	-	115	145	V
4	* 2.39	42.22	RMS	32	-20.9	.41	53.73	54	-.27	-	-	115	145	V



**RESTRICTED BANDEGE (LOW CHANNEL 2)**

**VERTICAL PEAK AND AVERAGE PLOT**

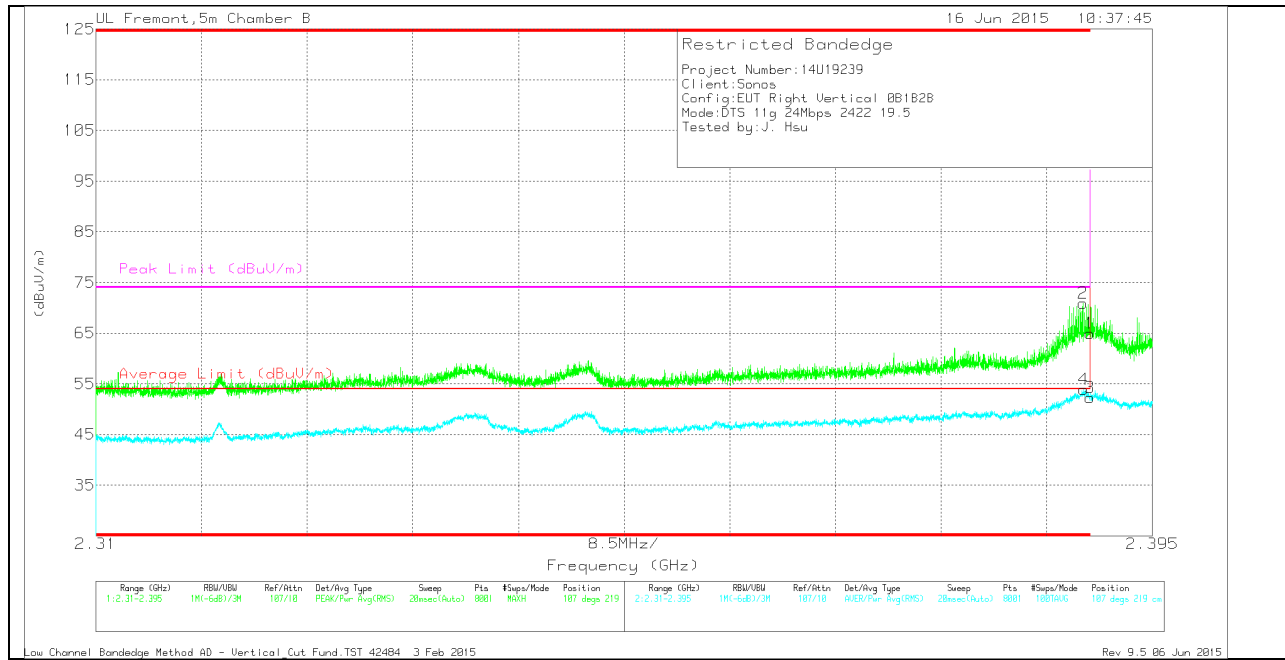


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filter/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	* 2.39	51.95	Pk	32	-19.8	0	64.15	-	-	74	-9.85	105	210	V
2	* 2.389	55.32	Pk	32	-19.9	0	67.42	-	-	74	-6.58	105	210	V
3	* 2.39	41.11	RMS	32	-19.8	.41	53.72	54	-.28	-	-	105	210	V
4	* 2.39	41.34	RMS	32	-19.8	.41	53.95	54	-.05	-	-	105	210	V

**RESTRICTED BANDEGE (LOW CHANNEL 3)**

**VERTICAL PEAK AND AVERAGE PLOT**

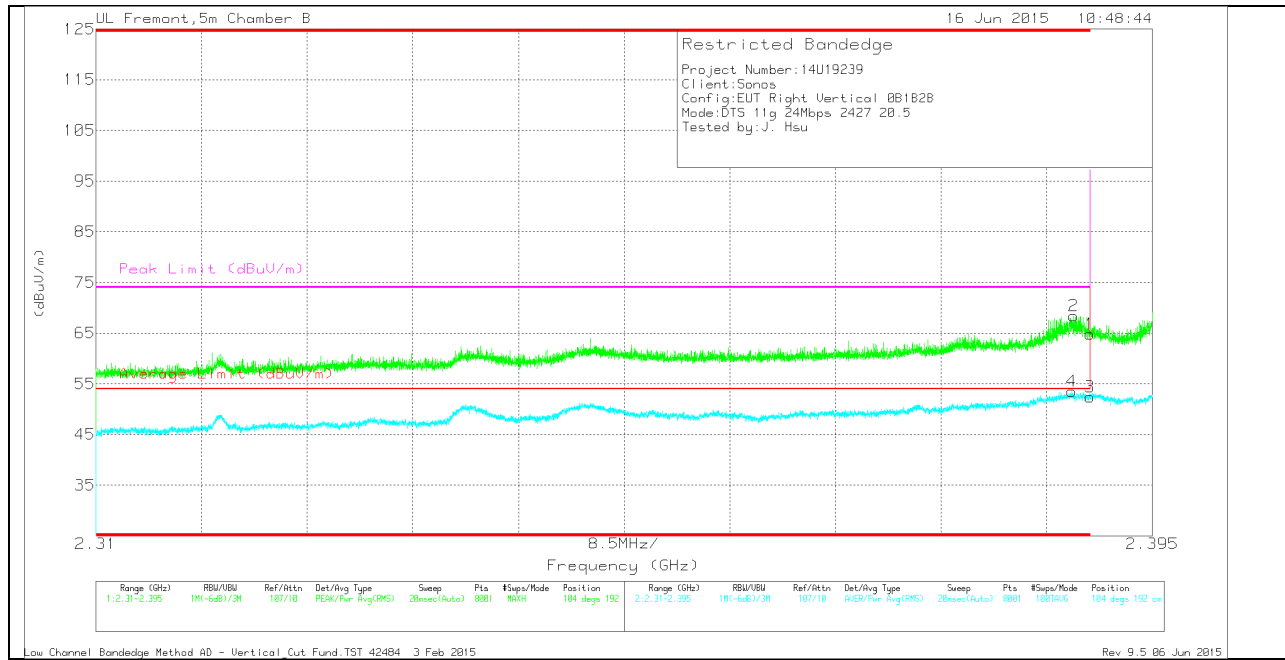


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filter/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	* 2.39	52.79	Pk	32	-19.8	0	64.99	-	-	74	-9.01	107	219	V
2	* 2.389	58.72	Pk	32	-19.8	0	70.92	-	-	74	-3.08	107	219	V
3	* 2.39	39.72	RMS	32	-19.8	.41	52.33	54	-1.67	-	-	107	219	V
4	* 2.389	41.33	RMS	32	-19.8	.41	53.94	54	-.06	-	-	107	219	V

**RESTRICTED BANDEDGE (LOW CHANNEL 4)**

**VERTICAL PEAK AND AVERAGE PLOT**

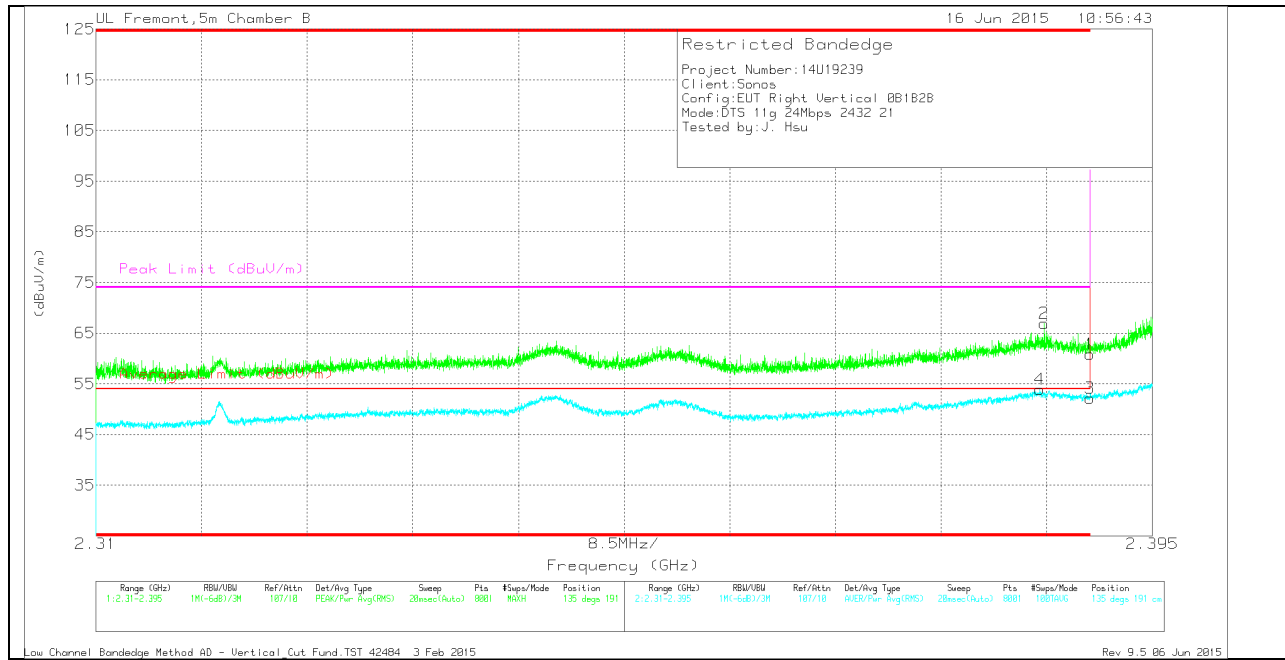


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filter/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	* 2.39	52.62	Pk	32	-19.8	0	64.82	-	-	74	-9.18	104	192	V
2	* 2.389	56.2	Pk	32	-19.8	0	68.4	-	-	74	-5.6	104	192	V
3	* 2.39	39.74	RMS	32	-19.8	.41	52.35	54	-1.65	-	-	104	192	V
4	* 2.389	40.9	RMS	32	-19.8	.41	53.51	54	-49	-	-	104	192	V

**RESTRICTED BANDEGE (LOW CHANNEL 5)**

**VERTICAL PEAK AND AVERAGE PLOT**

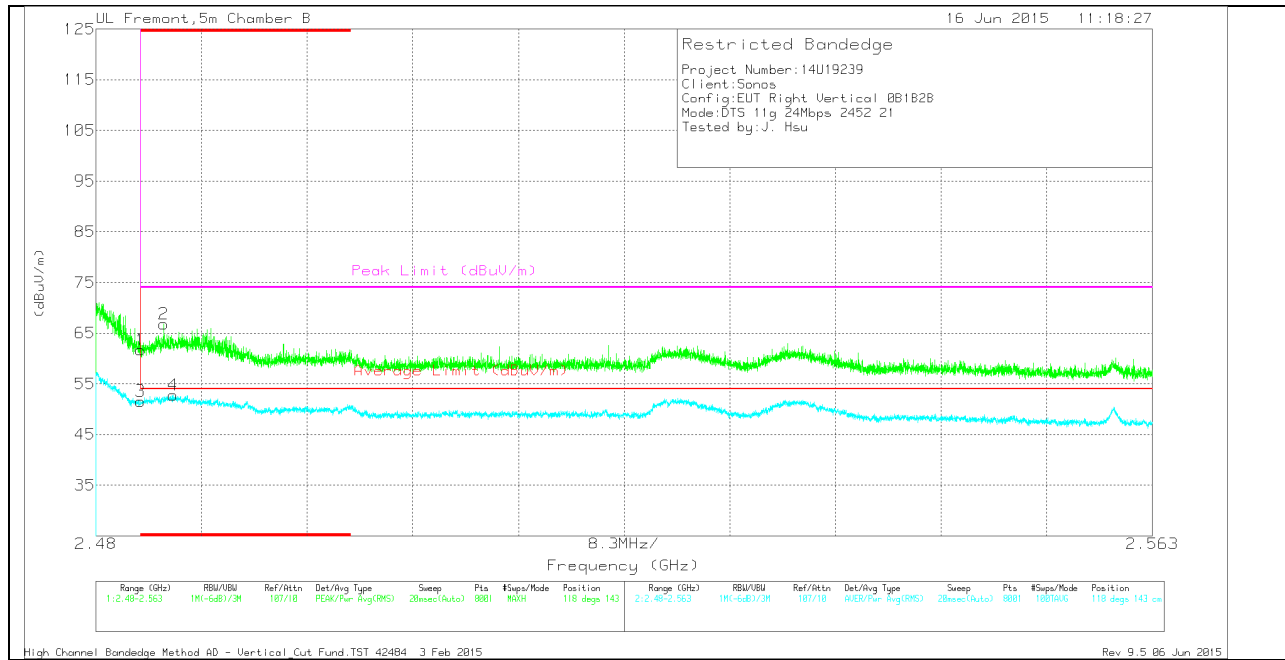


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filter/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	* 2.39	48.66	Pk	32	-19.8	0	60.86	-	-	74	-13.14	135	191	V
2	* 2.386	54.71	Pk	32	-19.8	0	66.91	-	-	74	-7.09	135	191	V
3	* 2.39	39.57	RMS	32	-19.8	.41	52.18	54	-1.82	-	-	135	191	V
4	* 2.386	41.24	RMS	32	-19.8	.41	53.85	54	-15	-	-	135	191	V

## RESTRICTED BANDEDGE (HIGH CHANNEL 9)

### VERTICAL PEAK AND AVERAGE PLOT

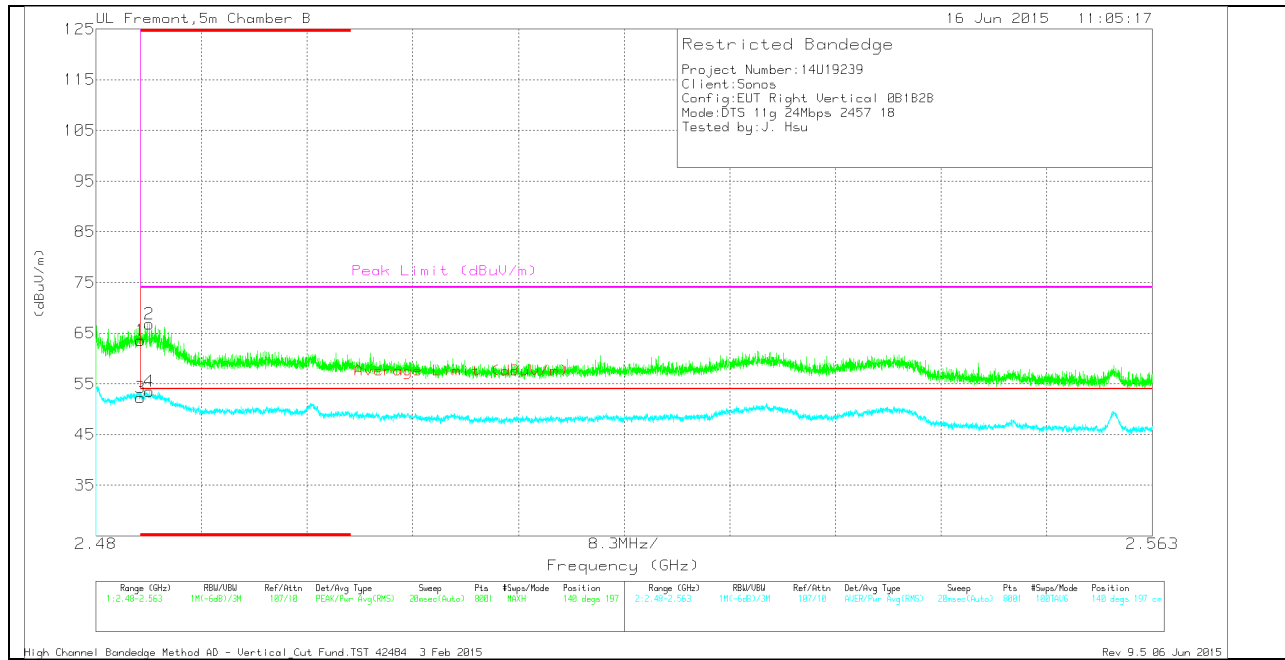


### VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filter/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	* 2.484	48.88	Pk	32.5	-19.7	0	61.68	-	-	74	-12.32	118	143	V
2	* 2.485	54.05	Pk	32.5	-19.8	0	66.75	-	-	74	-7.25	118	143	V
3	* 2.484	38.38	RMS	32.5	-19.7	.41	51.59	54	-2.41	-	-	118	143	V
4	* 2.486	39.61	RMS	32.5	-19.8	.41	52.72	54	-1.28	-	-	118	143	V

**RESTRICTED BANDEDGE (HIGH CHANNEL 10)**

**VERTICAL PEAK AND AVERAGE PLOT**

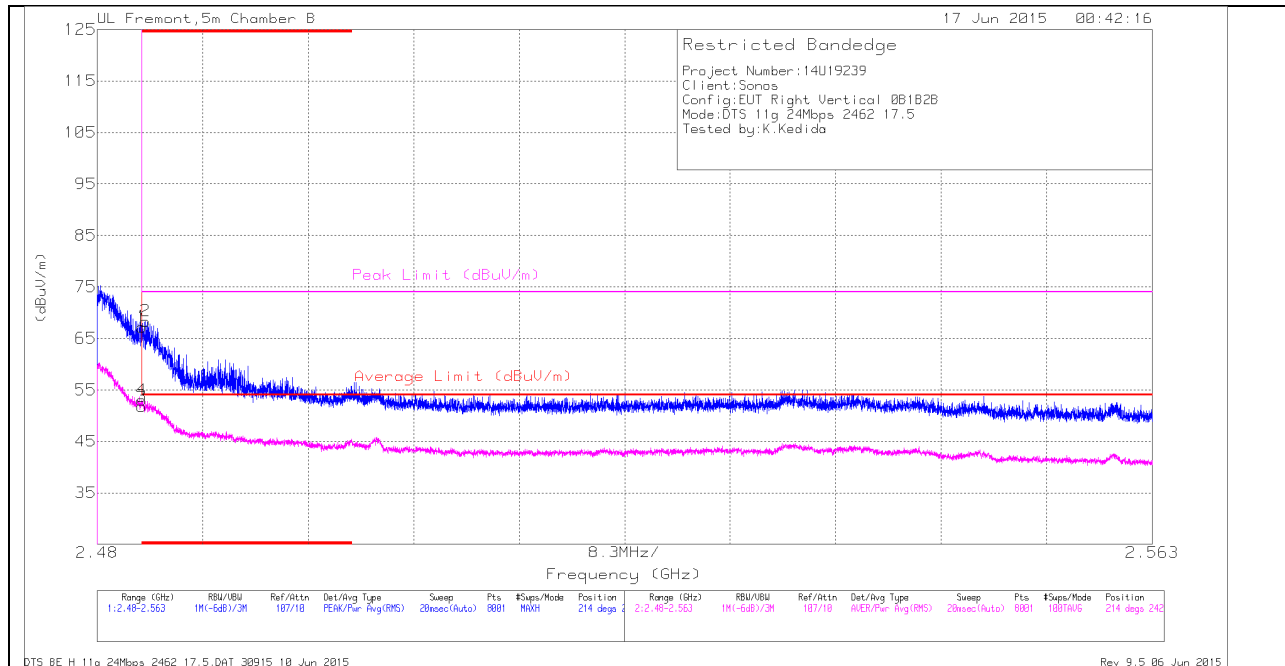


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/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	* 2.484	50.73	Pk	32.5	-19.7	0	63.53	-	-	74	-10.47	140	197	V
2	* 2.484	54.08	Pk	32.5	-19.8	0	66.78	-	-	74	-7.22	140	197	V
3	* 2.484	39.06	RMS	32.5	-19.7	.41	52.27	54	-1.73	-	-	140	197	V
4	* 2.484	40.4	RMS	32.5	-19.8	.41	53.51	54	-.49	-	-	140	197	V

**RESTRICTED BANDEGE (HIGH CHANNEL 11)**

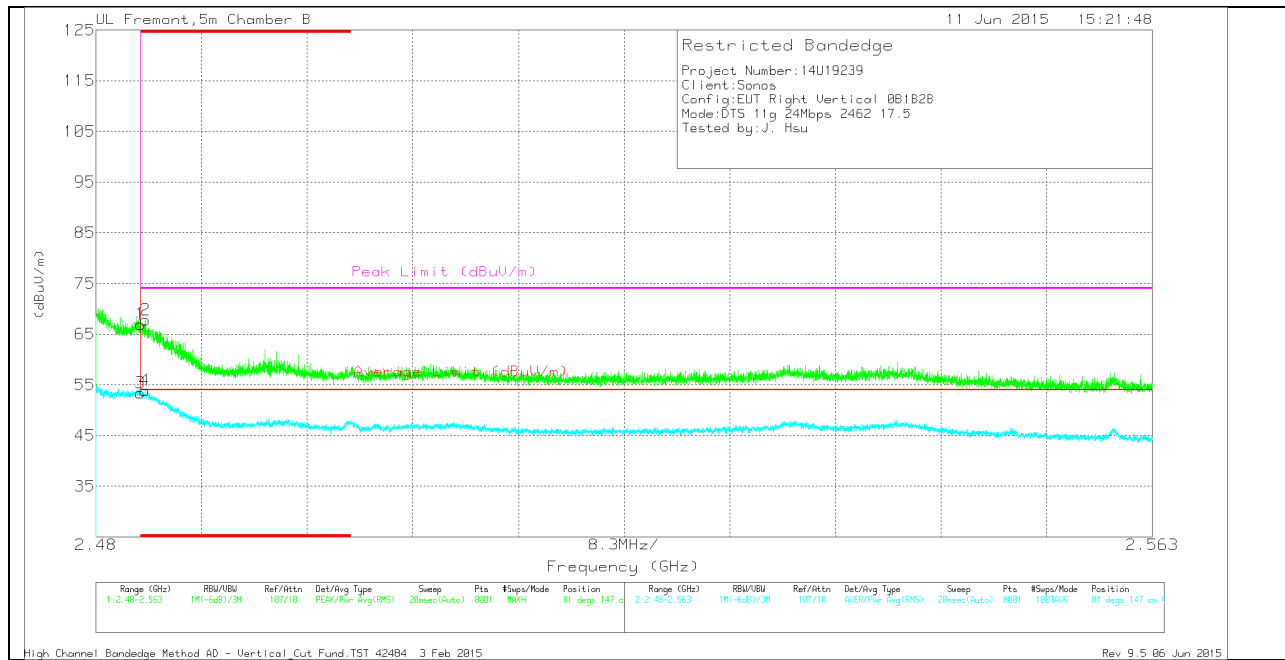
**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.484	54.41	Pk	32.5	-19.7	0	67.21	-	-	74	-6.79	214	242	H
2	* 2.484	55.54	Pk	32.5	-19.7	0	68.34	-	-	74	-5.66	214	242	H
3	* 2.484	38.59	RMS	32.5	-19.7	.43	51.82	54	-2.18	-	-	214	242	H
4	* 2.484	39.79	RMS	32.5	-19.7	.43	53.02	54	-.98	-	-	214	242	H

**VERTICAL PEAK AND AVERAGE PLOT**



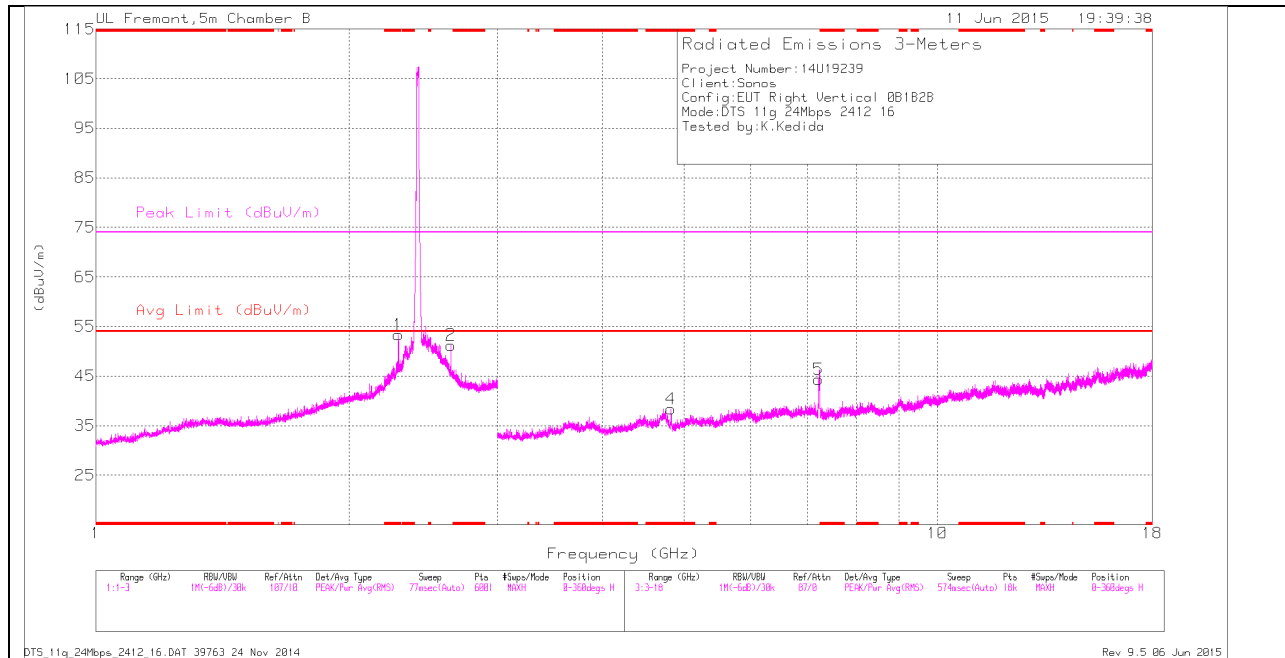
**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.484	55.39	Pk	32.5	-20.9	0	66.99	-	-	74	-7.01	81	147	V
2	* 2.484	56.22	Pk	32.5	-20.9	0	67.82	-	-	74	-6.18	81	147	V
3	* 2.484	41.38	RMS	32.5	-20.9	.41	53.39	54	-.61	-	-	81	147	V
4	* 2.484	41.86	RMS	32.5	-20.9	.41	53.87	54	-.13	-	-	81	147	V



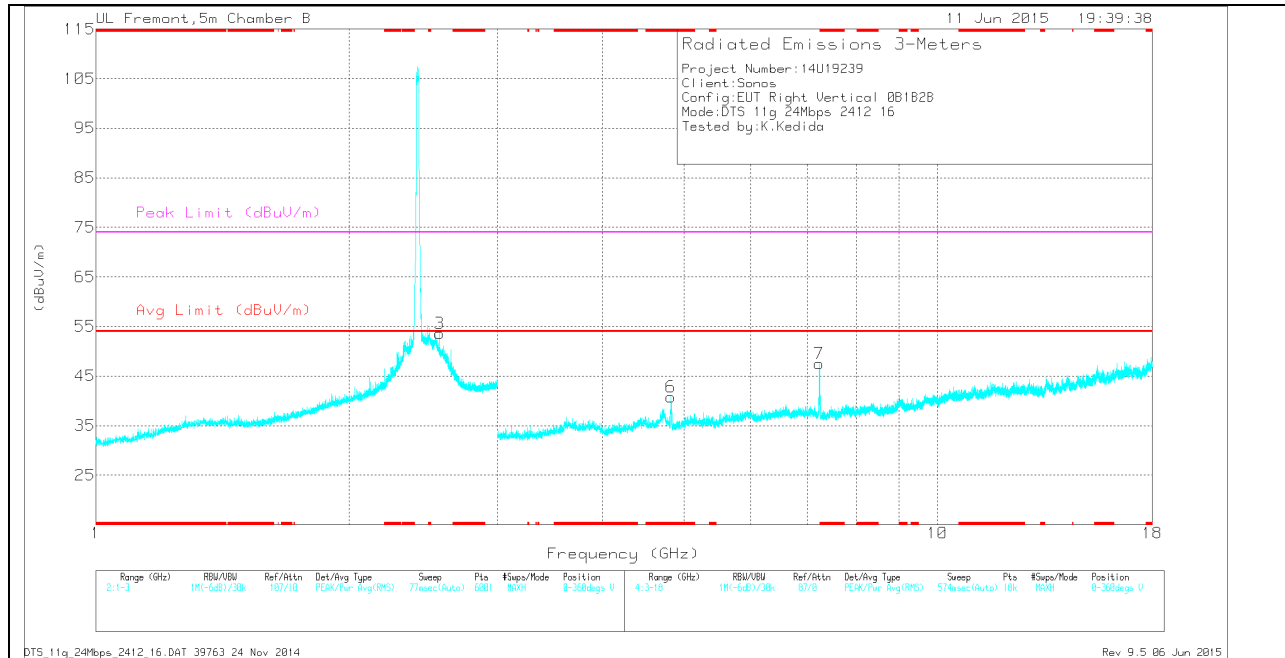
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.288	42.65	Pk	31.5	-20.8	0	53.35	-	-	74	-20.65	0-360	101	H
4	* 4.824	33.75	Pk	34.3	-29.7	0	38.35	-	-	74	-35.65	0-360	199	H
6	* 4.825	36.17	Pk	34.3	-29.7	0	40.77	-	-	74	-33.23	0-360	199	V
3	2.56	41.75	Pk	32.7	-20.9	0	53.55	-	-	74	-20.45	0-360	199	V
2	2.64	39.45	Pk	32.7	-20.9	0	51.25	-	-	74	-22.75	0-360	101	H
5	7.226	36.55	Pk	35.3	-27.5	0	44.35	-	-	74	-29.65	0-360	199	H
7	7.237	40.02	Pk	35.3	-27.8	0	47.52	-	-	74	-26.48	0-360	101	V

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

Pk - Peak detector

Radiated Emissions

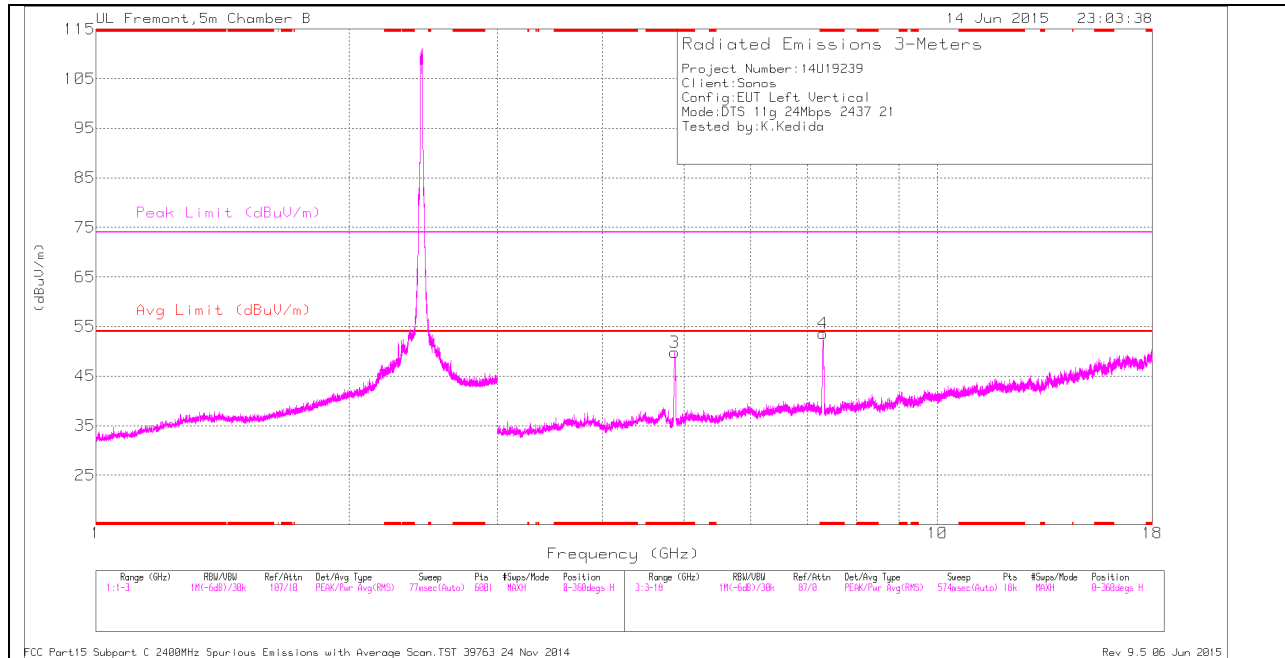
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.287	48.66	PK2	31.5	-20.8	0	59.36	-	-	74	-14.64	49	245	H
* 2.288	37.31	MAV1	31.5	-20.8	.42	48.43	54	-5.57	-	-	49	245	H
* 2.288	41.32	MAV1	31.5	-20.8	.42	52.44	54	-1.56	-	-	46	245	H
* 2.288	35.74	MAV1	31.5	-20.8	.42	46.86	54	-7.14	-	-	235	331	V
* 2.288	41.32	MAV1	31.5	-20.8	.42	52.44	54	-1.56	-	-	48	244	H
* 4.824	45.85	PK2	34.3	-29.7	0	50.45	-	-	74	-23.55	260	202	H
* 4.824	30.11	MAV1	34.3	-29.7	.42	35.13	54	-18.87	-	-	260	202	H
* 4.823	45.97	PK2	34.3	-29.7	0	50.57	-	-	74	-23.43	93	155	V
* 4.823	31	MAV1	34.3	-29.7	.42	36.02	54	-17.98	-	-	93	155	V
7.228	50.42	PK2	35.3	-27.5	0	58.22	-	-	74	-15.78	353	138	H
7.228	33.01	MAV1	35.3	-27.5	.42	41.23	54	-12.77	-	-	353	138	H
7.237	53.66	PK2	35.3	-27.8	0	61.16	-	-	74	-12.84	87	122	V
7.237	30.21	MAV1	35.3	-27.8	.42	38.13	54	-15.87	-	-	87	122	V

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

PK2 - KDB558074 Method: Maximum Peak

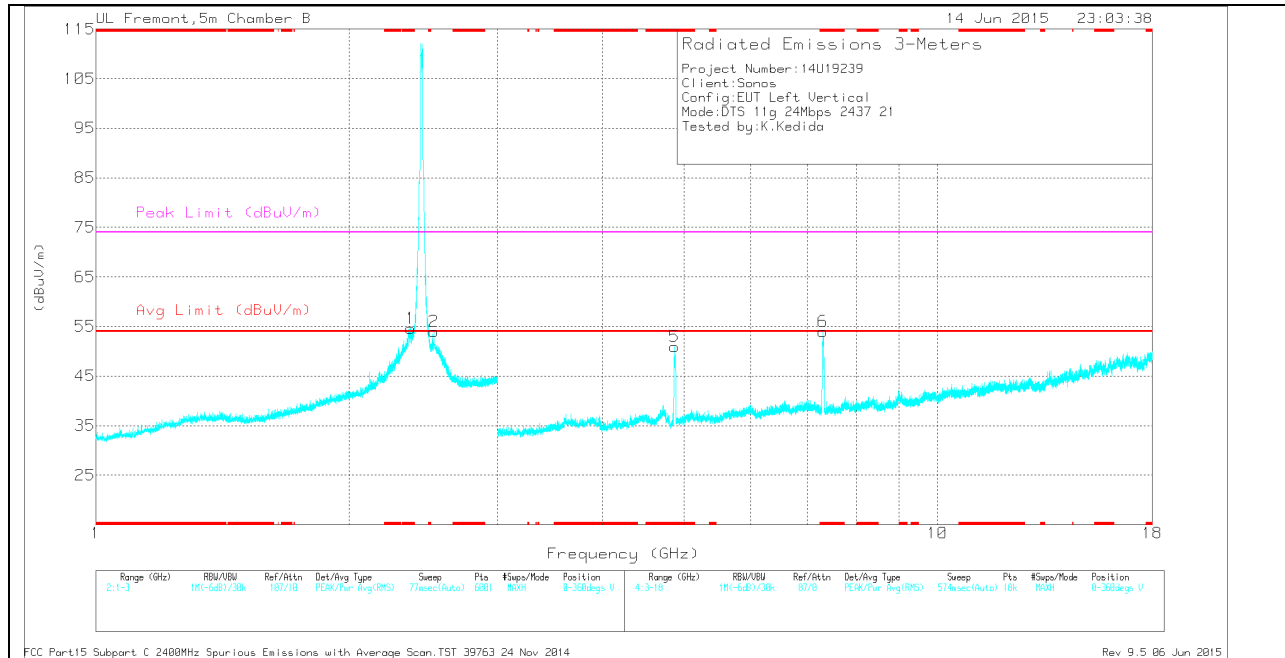
MAV1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL HORIZONTAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.364	42.66	Pk	31.9	-19.9	0	54.66	-	-	74	-19.34	0-360	199	V
3	* 4.872	45.24	Pk	34.2	-29.6	0	49.84	-	-	74	-24.16	0-360	199	H
4	* 7.313	45.64	Pk	35.3	-27.4	0	53.54	-	-	74	-20.46	0-360	199	H
5	* 4.87	46.29	Pk	34.2	-29.5	0	50.99	-	-	74	-23.01	0-360	101	V
6	* 7.313	46.11	Pk	35.3	-27.4	0	54.01	-	-	74	-19.99	0-360	199	V
2	2.52	41.19	Pk	32.6	-19.8	0	53.99	-	-	74	-20.01	0-360	199	V

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

Pk - Peak detector

Radiated Emissions

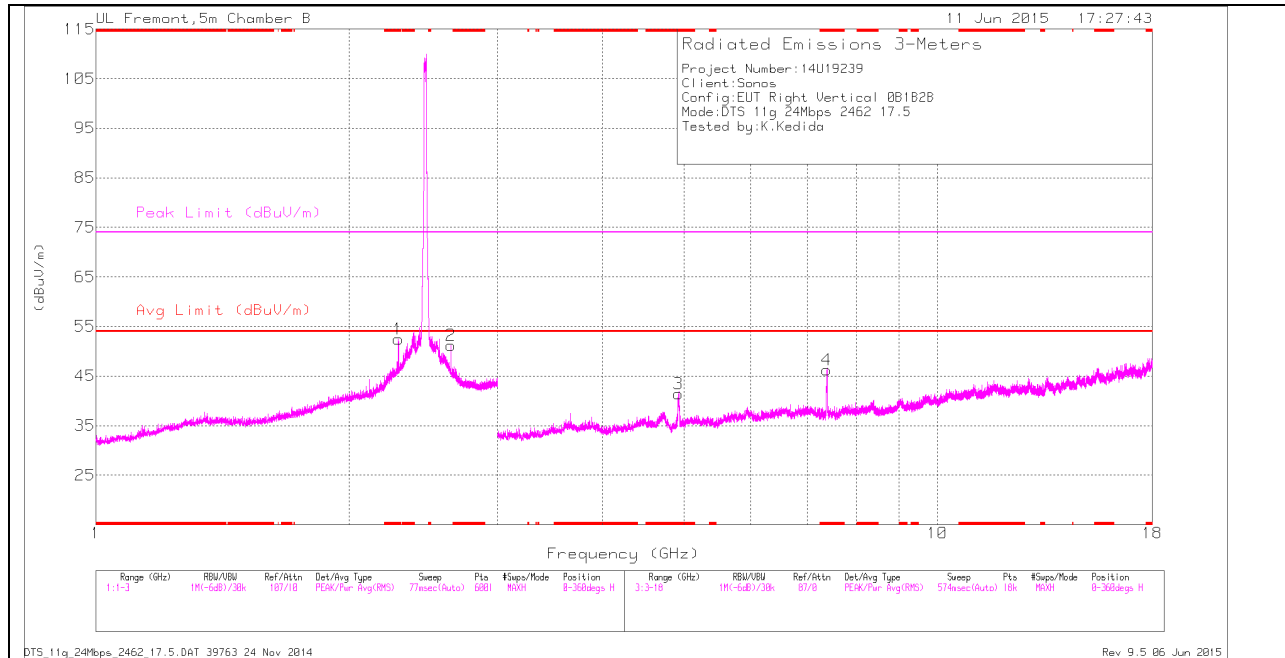
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.364	52.86	PK2	31.9	-19.9	0	64.86	-	-	74	-9.14	85	266	V
* 2.364	40.44	MAV1	31.9	-19.9	.42	52.86	54	-1.14	-	-	85	266	V
* 4.87	54.71	PK2	34.2	-29.5	0	59.41	-	-	74	-14.59	100	166	H
* 4.87	39.92	MAV1	34.2	-29.5	.42	45.04	54	-8.96	-	-	100	166	H
* 7.311	54.22	PK2	35.3	-27.4	0	62.12	-	-	74	-11.88	12	131	H
* 7.311	42.15	MAV1	35.3	-27.4	.42	50.47	54	-3.53	-	-	12	131	H
* 4.87	54.79	PK2	34.2	-29.5	0	59.49	-	-	74	-14.51	75	109	V
* 4.87	39.57	MAV1	34.2	-29.5	.42	44.69	54	-9.31	-	-	75	109	V
* 7.313	57.13	PK2	35.3	-27.4	0	65.03	-	-	74	-8.97	203	185	V
* 7.314	43.62	MAV1	35.3	-27.4	.42	51.94	54	-2.06	-	-	203	185	V
2.519	49.74	PK2	32.6	-19.7	0	62.64	-	-	74	-11.36	103	187	V
2.52	38.38	MAV1	32.6	-19.8	.42	51.6	54	-2.4	-	-	103	187	V

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

PK2 - KDB558074 Method: Maximum Peak

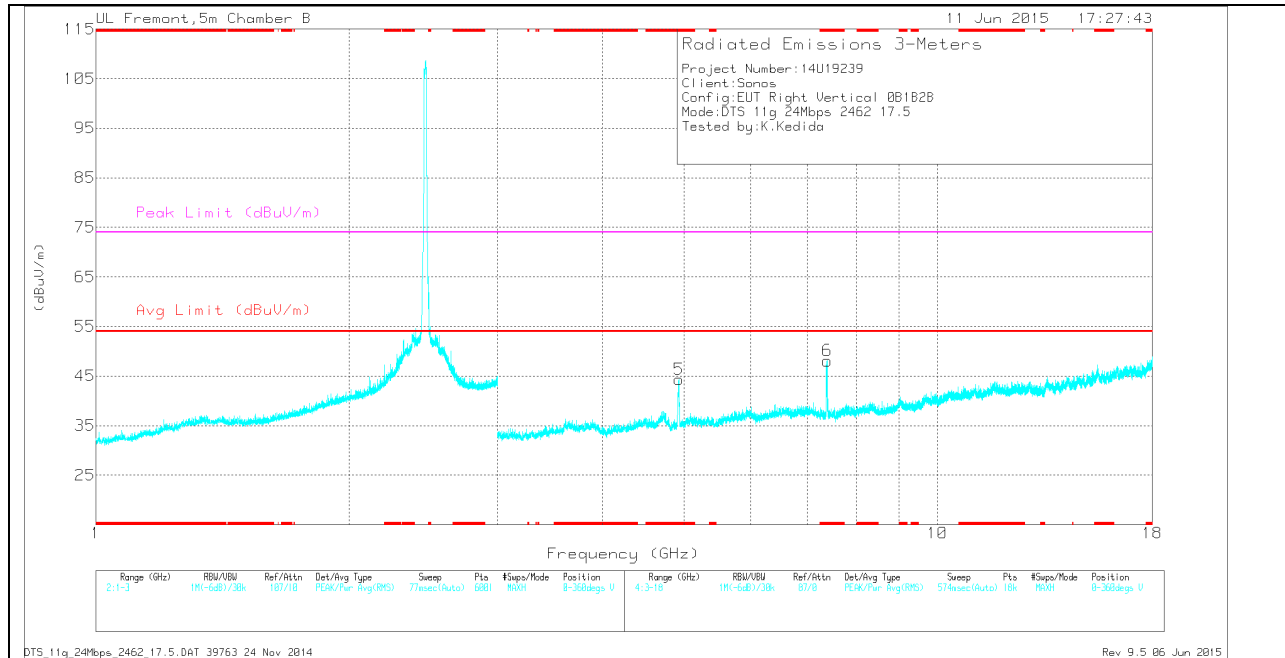
MAV1 - KDB558074 Option 1 Maximum RMS Average

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**HIGH CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.288	41.75	Pk	31.5	-20.8	0	52.45	-	-	74	-21.55	0-360	101	H
3	* 4.924	37.8	Pk	34.1	-30.5	0	41.4	-	-	74	-32.6	0-360	199	H
4	* 7.385	38.44	Pk	35.4	-27.6	0	46.24	-	-	74	-27.76	0-360	101	H
5	* 4.927	40.69	Pk	34.1	-30.5	0	44.29	-	-	74	-29.71	0-360	101	V
6	* 7.394	40.18	Pk	35.4	-27.5	0	48.08	-	-	74	-25.92	0-360	101	V
2	2.64	39.44	Pk	32.7	-20.9	0	51.24	-	-	74	-22.76	0-360	101	H

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

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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)	Azimuth (Degs)	Height (cm)	Polarity
* 2.288	48.25	PK2	31.5	-20.8	0	58.95	-	-	74	-15.05	58	249	H
* 2.288	41.27	MAV1	31.5	-20.8	.42	52.39	54	-1.61	-	-	58	249	H
* 4.924	46.71	PK2	34.1	-30.5	0	50.31	-	-	74	-23.69	39	194	H
* 4.925	34.06	MAV1	34.1	-30.5	.42	38.08	54	-15.92	-	-	39	194	H
* 7.384	54.28	PK2	35.4	-27.6	0	62.08	-	-	74	-11.92	337	136	H
* 7.384	32.51	MAV1	35.4	-27.6	.42	40.73	54	-13.27	-	-	337	136	H
* 4.927	52.02	PK2	34.1	-30.5	0	55.62	-	-	74	-18.38	98	270	V
* 4.927	39.05	MAV1	34.1	-30.5	.42	43.07	54	-10.93	-	-	98	270	V
* 7.393	54.63	PK2	35.4	-27.5	0	62.53	-	-	74	-11.47	7	115	V
* 7.394	30.78	MAV1	35.4	-27.5	.42	39.1	54	-14.9	-	-	7	115	V
2.64	46.6	PK2	32.7	-20.9	0	58.4	-	-	74	-15.6	47	230	H
2.64	39.01	MAV1	32.7	-20.9	.42	51.23	54	-2.77	-	-	47	230	H

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

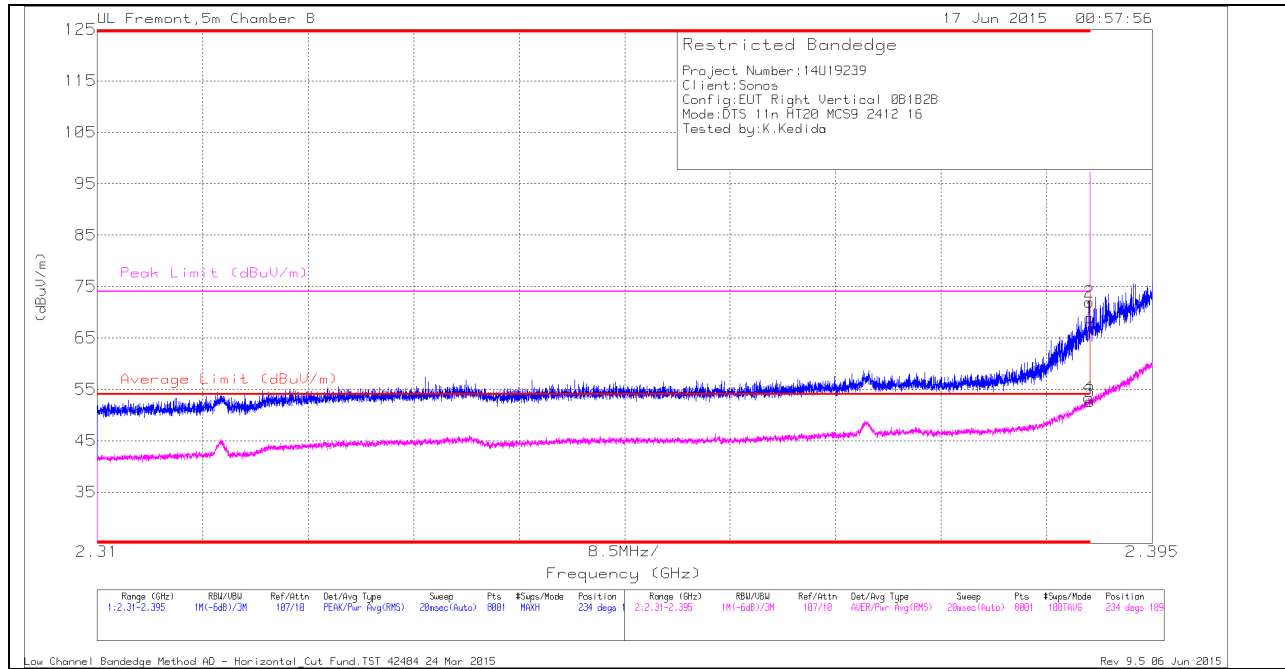
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

### 11.4.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND (VERTICAL RIGHT)

#### RESTRICTED BANDEDGE (LOW CHANNEL)

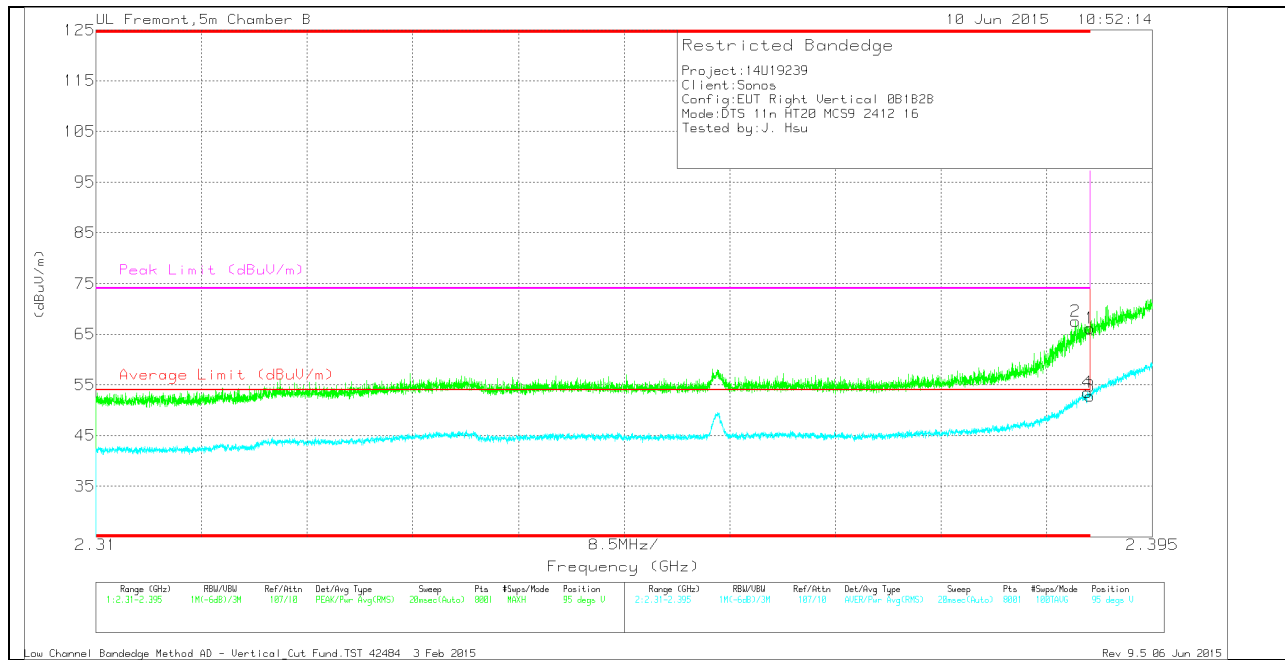
#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/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	* 2.39	56.74	Pk	32	-19.8	0	68.94	-	-	74	-5.06	234	109	H
2	* 2.39	59.73	Pk	32	-19.8	0	71.93	-	-	74	-2.07	234	109	H
3	* 2.39	40.04	RMS	32	-19.8	.42	52.66	54	-1.34	-	-	234	109	H
4	* 2.39	40.76	RMS	32	-19.8	.42	53.38	54	-.62	-	-	234	109	H

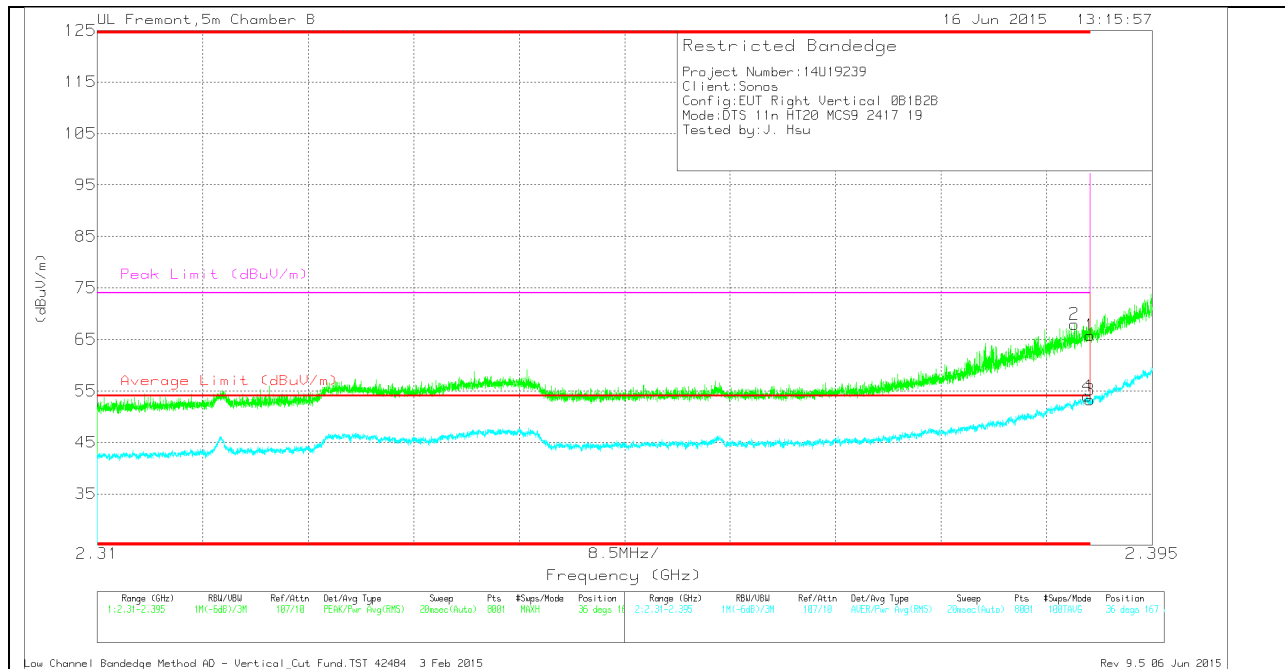
**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.39	55.13	Pk	32	-20.9	0	66.23	-	-	74	-7.77	95	232	V
2	* 2.389	56.5	Pk	32	-20.9	0	67.6	-	-	74	-6.4	95	232	V
3	* 2.39	41.27	RMS	32	-20.9	.42	52.79	54	-1.21	-	-	95	232	V
4	* 2.39	42.03	RMS	32	-20.9	.42	53.55	54	-.45	-	-	95	232	V

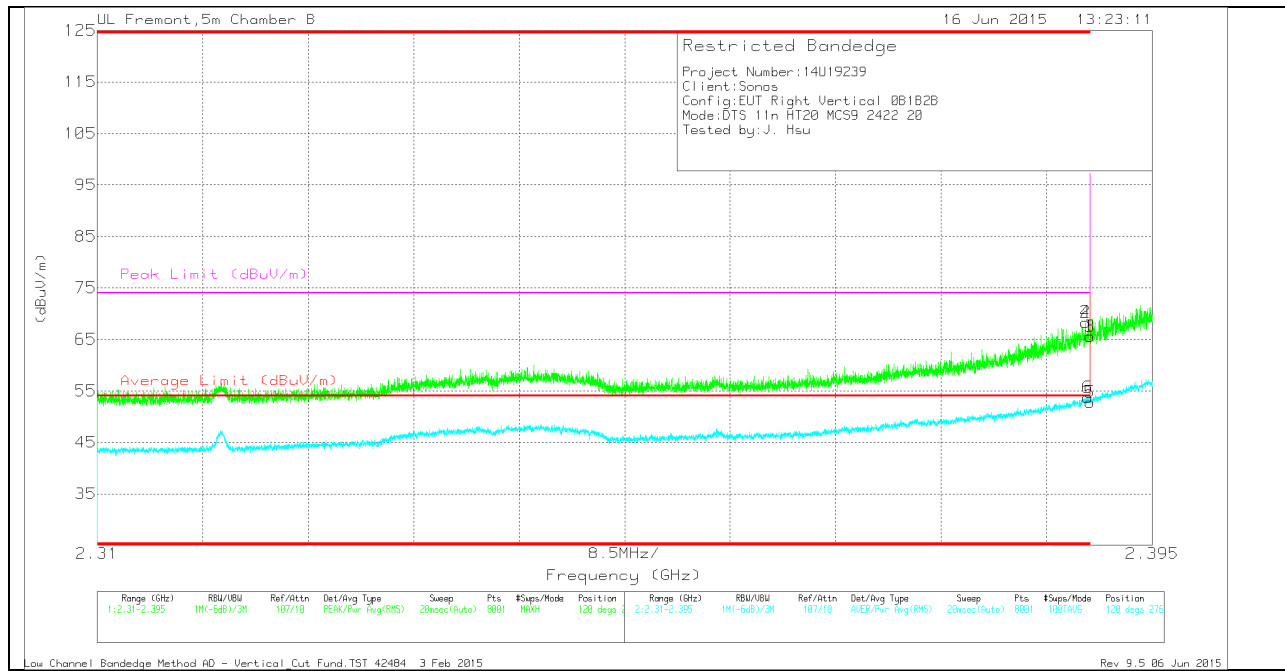
**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/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	* 2.39	53.58	Pk	32	-19.8	0	65.78	-	-	74	-8.22	36	167	V
2	* 2.389	55.77	Pk	32	-19.8	0	67.97	-	-	74	-6.03	36	167	V
3	* 2.39	40.62	RMS	32	-19.8	.43	53.25	54	-.75	-	-	36	167	V
4	* 2.39	41.33	RMS	32	-19.8	.43	53.96	54	-.04	-	-	36	167	V

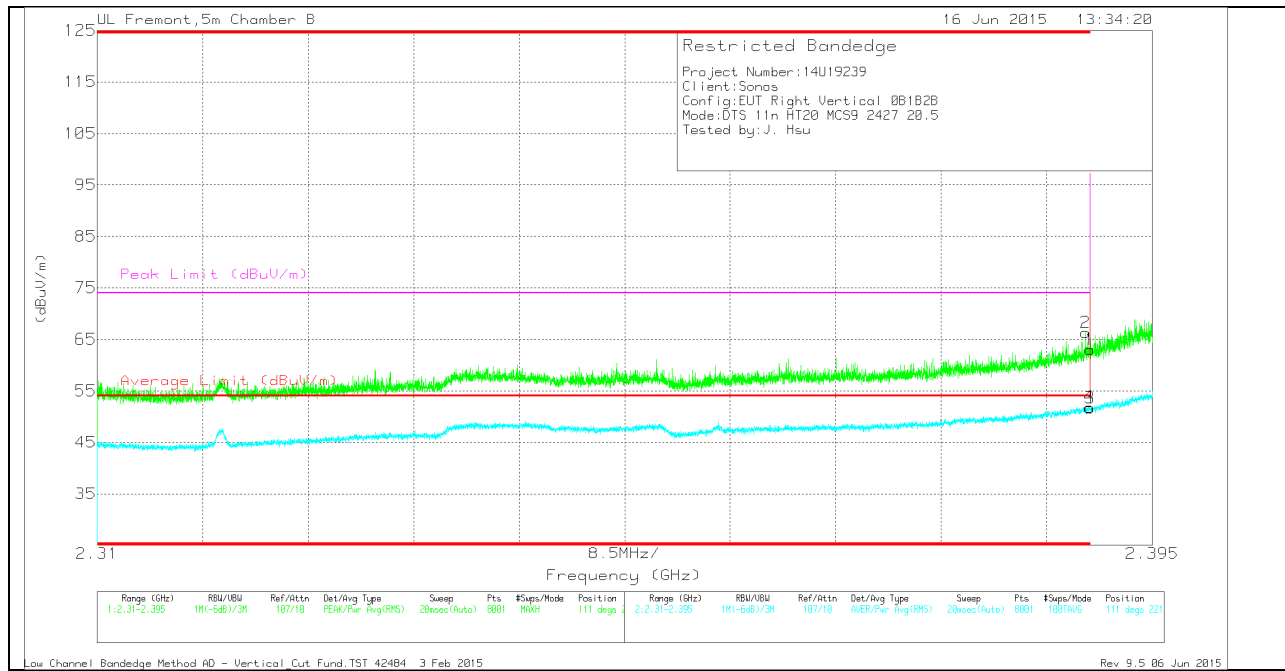
**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filter/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	* 2.39	53.4	Pk	32	-19.8	0	65.6	-	-	74	-8.4	120	276	V
2	* 2.39	56.12	Pk	32	-19.8	0	68.32	-	-	74	-5.68	120	276	V
3	* 2.39	53.4	Pk	32	-19.8	0	65.6	-	-	74	-8.4	120	276	V
4	* 2.39	56.12	Pk	32	-19.8	0	68.32	-	-	74	-5.68	120	276	V
5	* 2.39	40.16	RMS	32	-19.8	.43	52.79	54	-1.21	-	-	120	276	V
6	* 2.39	41.11	RMS	32	-19.8	.43	53.74	54	-26	-	-	120	276	V

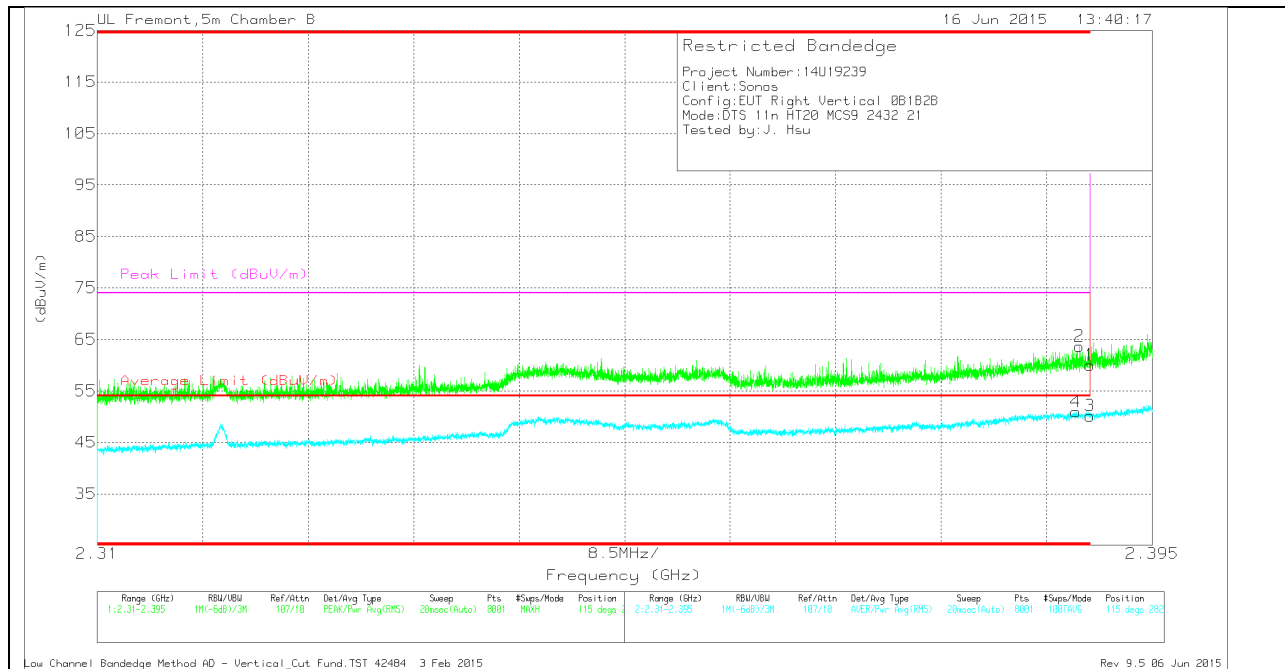
**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/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	* 2.39	50.88	Pk	32	-19.8	0	63.08	-	-	74	-10.92	111	221	V
2	* 2.39	54.14	Pk	32	-19.8	0	66.34	-	-	74	-7.66	111	221	V
3	* 2.39	39.03	RMS	32	-19.8	.43	51.66	54	-2.34	-	-	111	221	V
4	* 2.39	39.21	RMS	32	-19.8	.43	51.84	54	-2.16	-	-	111	221	V

**VERTICAL PEAK AND AVERAGE PLOT**

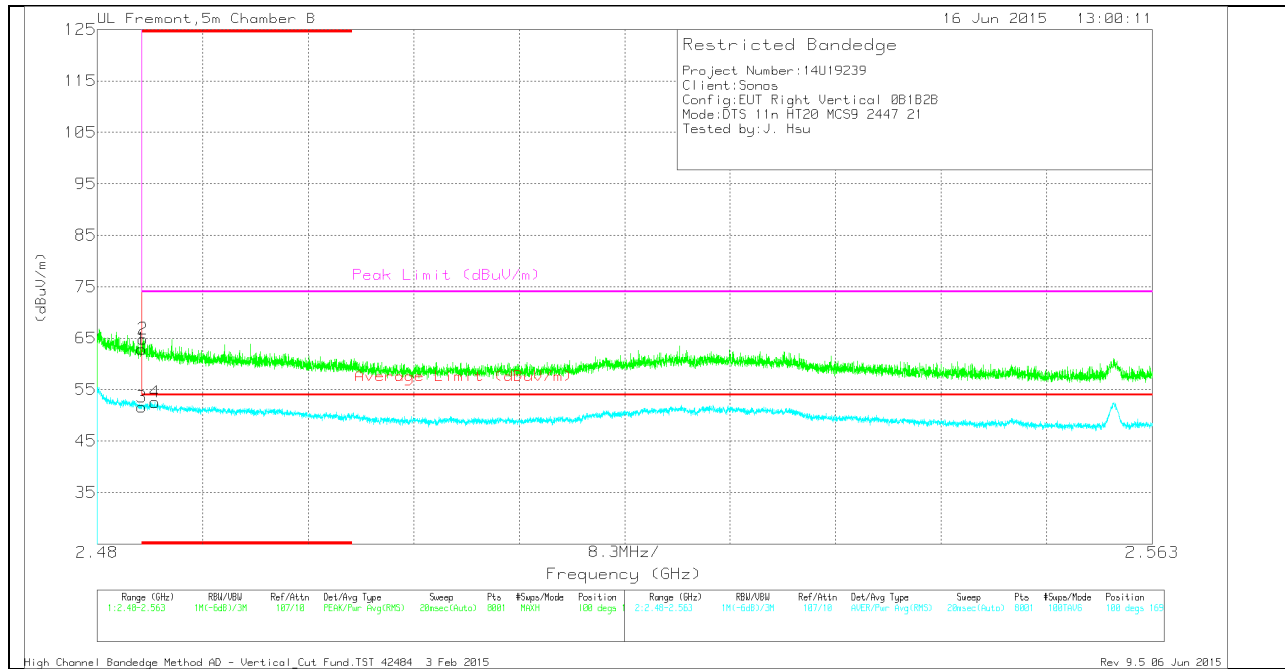


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/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	* 2.39	47.83	Pk	32	-19.8	0	60.03	-	-	74	-13.97	115	282	V
2	* 2.389	51.57	Pk	32	-19.9	0	63.67	-	-	74	-10.33	115	282	V
3	* 2.39	37.52	RMS	32	-19.8	.43	50.15	54	-3.85	-	-	115	282	V
4	* 2.389	38.32	RMS	32	-19.8	.43	50.95	54	-3.05	-	-	115	282	V

## RESTRICTED BANDEDGE (HIGH CHANNEL)

### VERTICAL PEAK AND AVERAGE PLOT

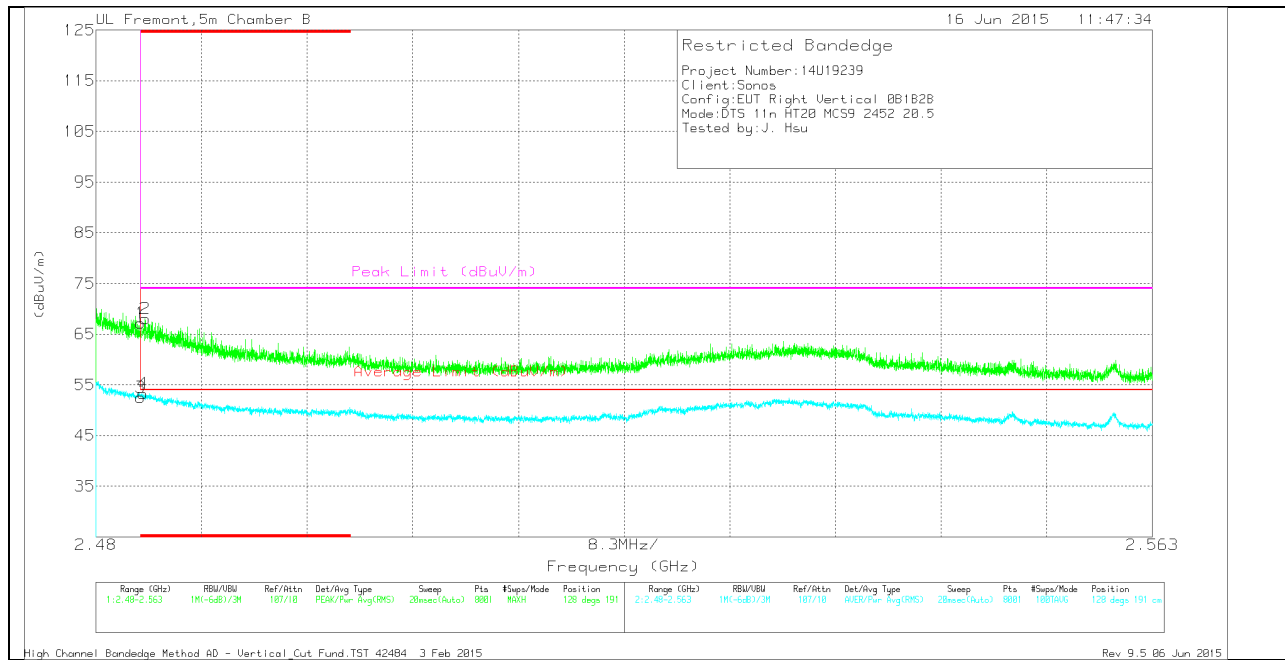


### VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filt 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	* 2.484	50.12	Pk	32.5	-19.7	0	62.92	-	-	74	-11.08	100	169	V
2	* 2.484	52.03	Pk	32.5	-19.7	0	64.83	-	-	74	-9.17	100	169	V
3	* 2.484	38.38	RMS	32.5	-19.7	.43	51.61	54	-2.39	-	-	100	169	V
4	* 2.485	39.42	RMS	32.5	-19.8	.43	52.55	54	-1.45	-	-	100	169	V



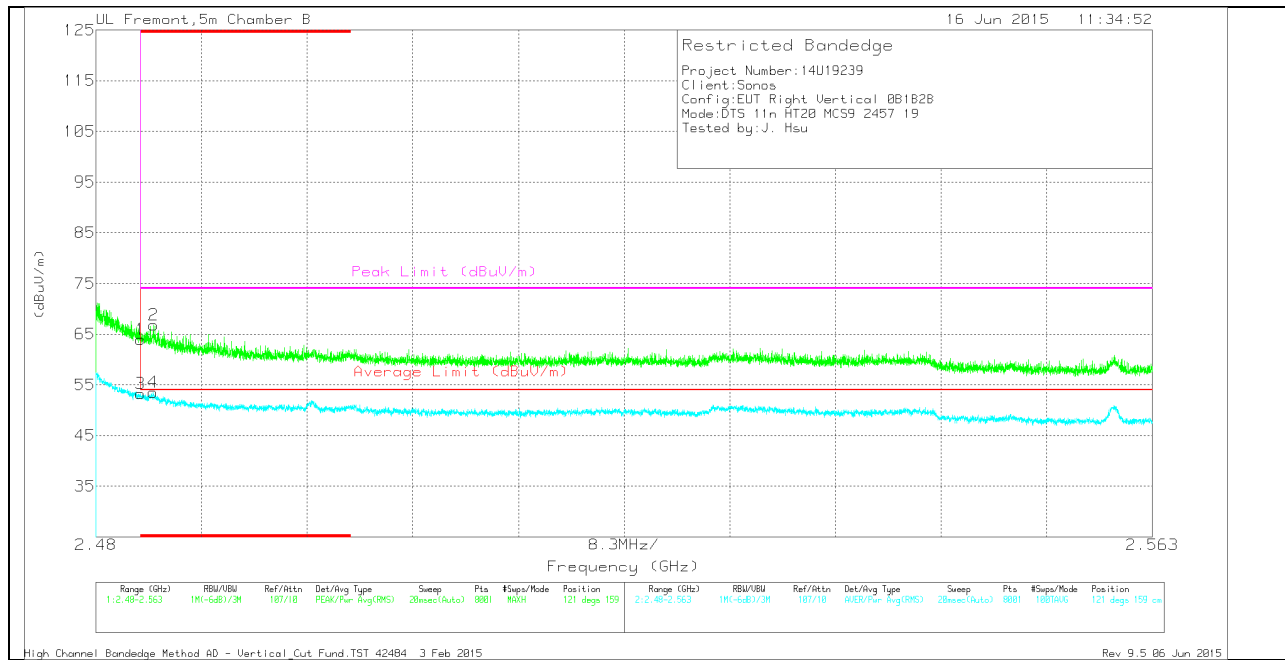
**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitter/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	* 2.484	54.39	Pk	32.5	-19.7	0	67.19	-	-	74	-6.81	128	191	V
2	* 2.484	55.2	Pk	32.5	-19.7	0	68	-	-	74	-6	128	191	V
3	* 2.484	39.29	RMS	32.5	-19.7	.43	52.52	54	-1.48	-	-	128	191	V
4	* 2.484	40.09	RMS	32.5	-19.7	.43	53.32	54	-68	-	-	128	191	V

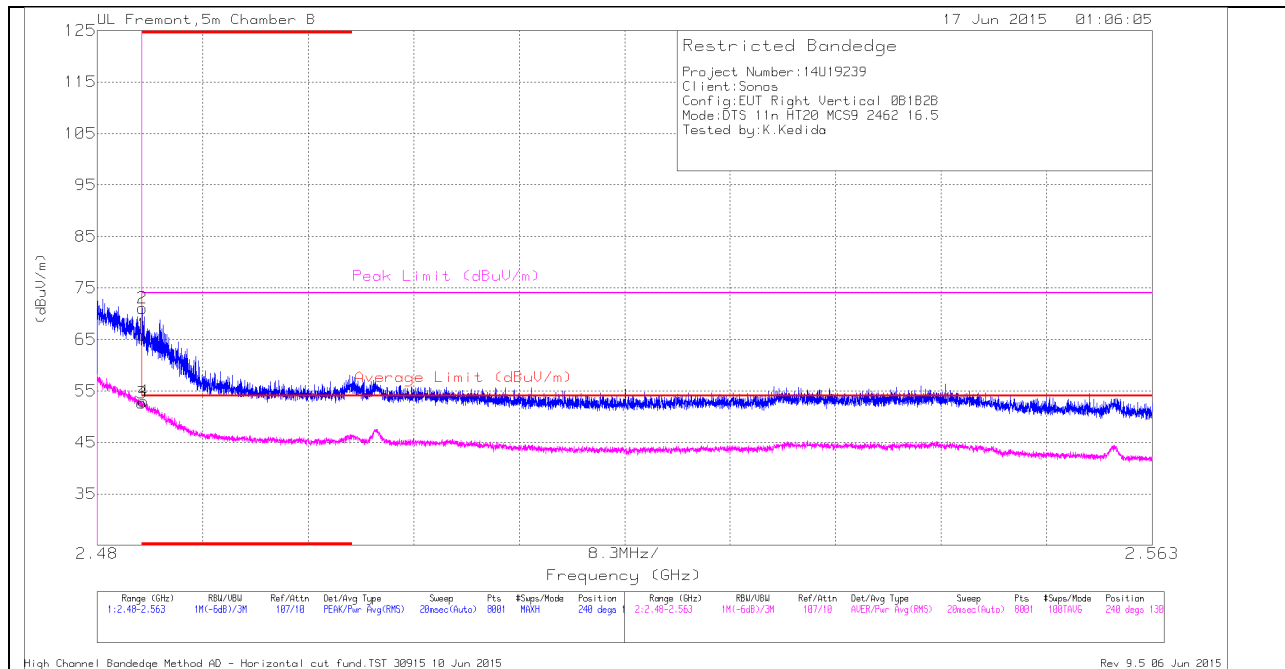
**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.484	51.2	Pk	32.5	-19.7	0	64	-	-	74	-10	121	159	V
2	* 2.485	54.16	Pk	32.5	-19.8	0	66.86	-	-	74	-7.14	121	159	V
3	* 2.484	39.99	RMS	32.5	-19.7	.43	53.22	54	-78	-	-	121	159	V
4	* 2.485	40.41	RMS	32.5	-19.8	.43	53.54	54	-46	-	-	121	159	V

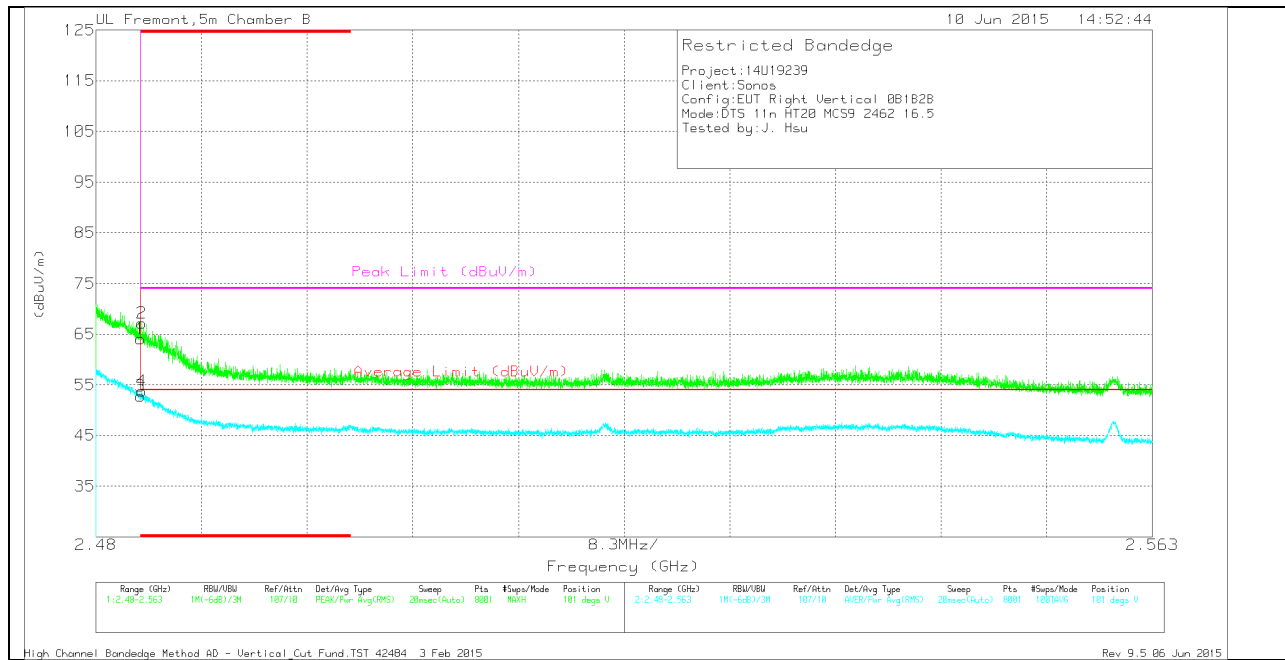
**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Fit 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	* 2.484	53.09	Pk	32.5	-19.7	0	65.89	-	-	74	-8.11	240	130	H
2	* 2.484	58.26	Pk	32.5	-19.7	0	71.06	-	-	74	-2.94	240	130	H
3	* 2.484	39.44	RMS	32.5	-19.7	.42	52.66	54	-1.34	-	-	240	130	H
4	* 2.484	39.8	RMS	32.5	-19.7	.42	53.02	54	-.98	-	-	240	130	H

**VERTICAL PEAK AND AVERAGE PLOT**

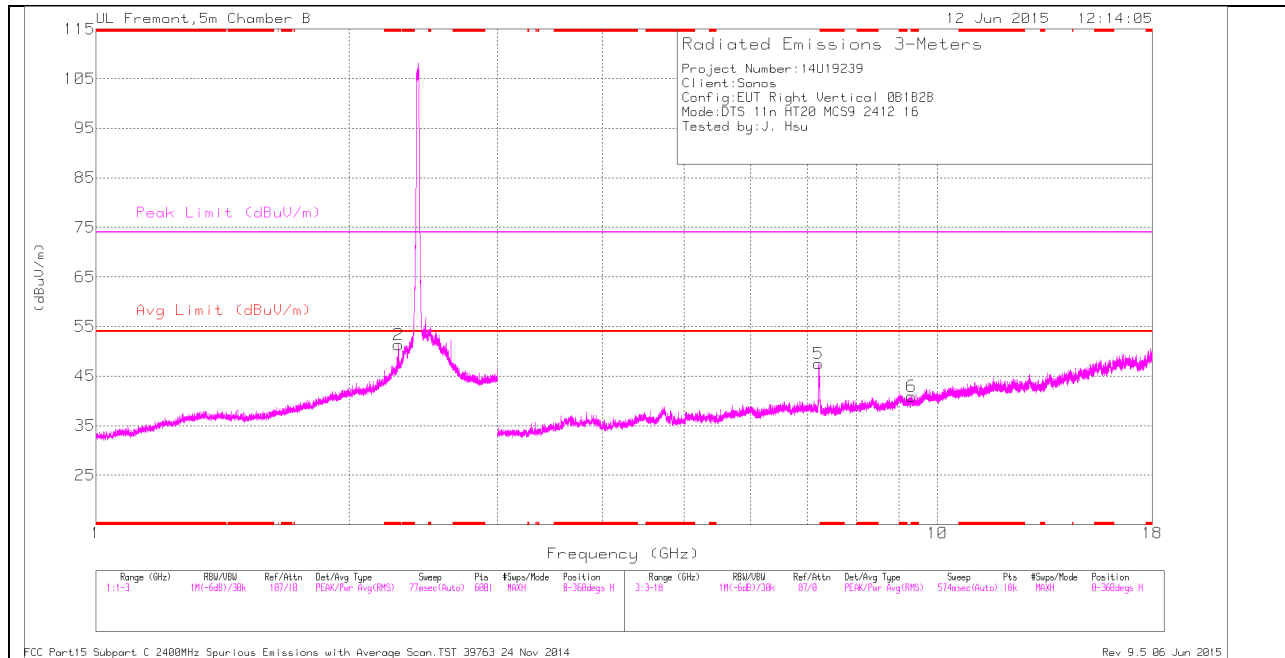


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit 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	* 2.484	52.49	Pk	32.5	-20.9	0	64.09	-	-	74	-9.91	101	177	V
2	* 2.484	55.63	Pk	32.5	-20.9	0	67.23	-	-	74	-6.77	101	177	V
3	* 2.484	40.73	RMS	32.5	-20.9	.42	52.75	54	-1.25	-	-	101	177	V
4	* 2.484	41.73	RMS	32.5	-20.9	.42	53.75	54	-.25	-	-	101	177	V

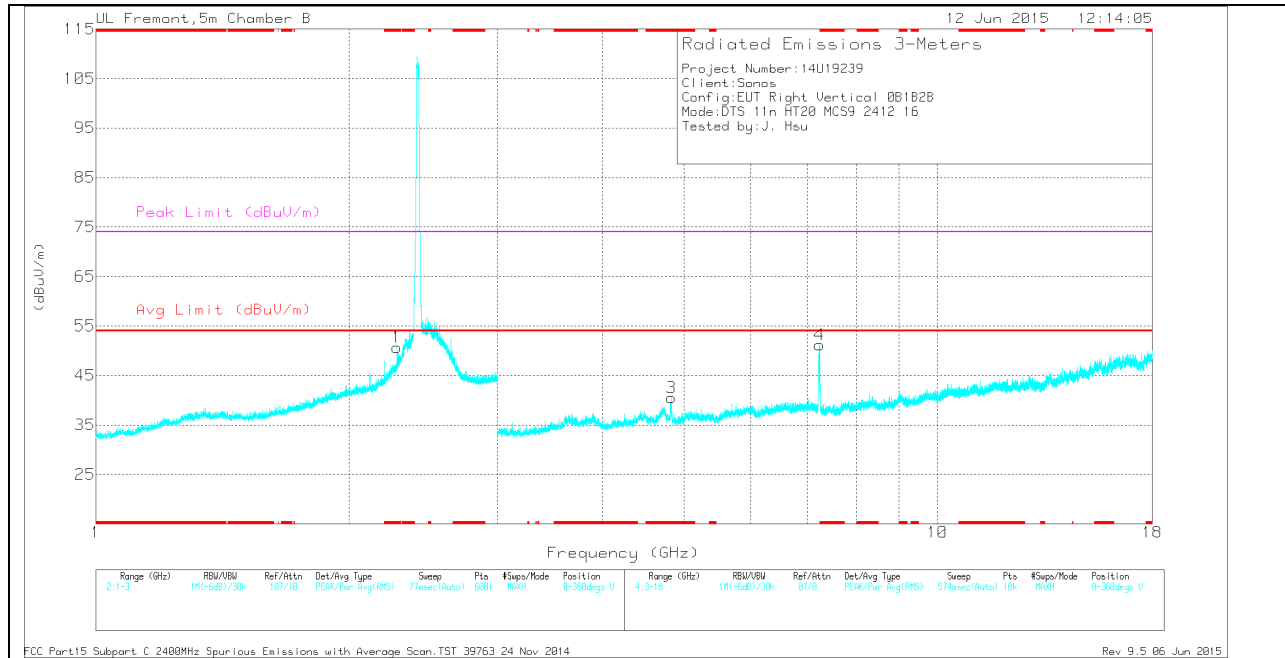
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Ftr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.288	39.7	Pk	31.5	-19.9	0	51.3	-	-	74	-22.7	0-360	200	H
1	* 2.28	39.05	Pk	31.4	-19.8	0	50.65	-	-	74	-23.35	0-360	200	V
6	* 9.317	28.17	Pk	36.3	-23.6	0	40.87	-	-	74	-33.13	0-360	200	H
3	* 4.827	35.34	Pk	34.3	-29.1	0	40.54	-	-	74	-33.46	0-360	101	V
5	7.226	38.95	Pk	35.3	-26.8	0	47.45	-	-	74	-26.55	0-360	200	H
4	7.241	42.95	Pk	35.3	-27.1	0	51.15	-	-	74	-22.85	0-360	101	V

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

Pk - Peak detector

**Radiated Emissions**

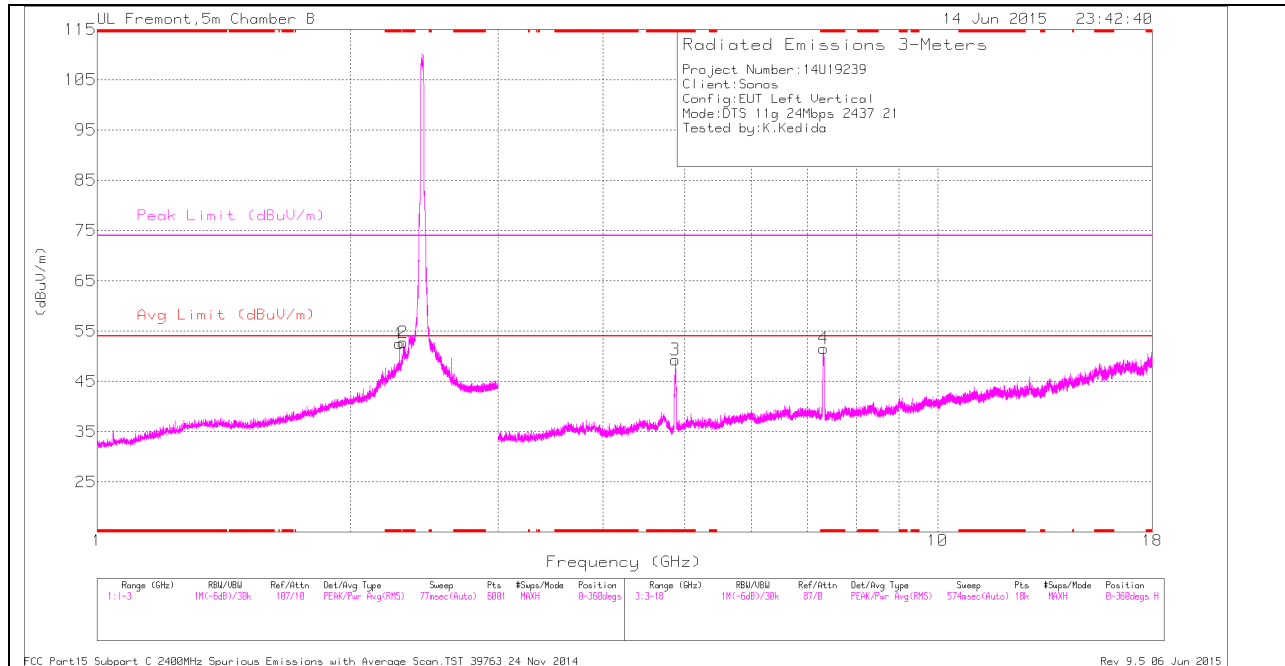
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Ftr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.288	48.37	PK2	31.5	-19.9	0	59.97	-	-	74	-14.03	84	340	H
* 2.288	38.57	MAV1	31.5	-19.9	.43	50.6	54	-3.4	-	-	84	340	H
* 2.28	46.88	PK2	31.5	-19.8	0	58.58	-	-	74	-15.42	118	214	V
* 2.28	36.17	MAV1	31.4	-19.8	.43	48.2	54	-5.8	-	-	118	214	V
* 4.829	40.42	PK2	34.3	-29.1	0	45.62	-	-	74	-28.38	349	114	V
* 4.827	28.6	MAV1	34.3	-29.1	.43	34.23	54	-19.77	-	-	349	114	V
7.23	53.4	PK2	35.3	-26.9	0	61.8	-	-	74	-12.2	352	128	H
7.234	34.49	MAV1	35.3	-27.1	.43	43.12	54	-10.88	-	-	352	128	H
7.236	57.82	PK2	35.3	-27.1	0	66.02	-	-	74	-7.98	104	125	V
7.237	31.92	MAV1	35.3	-27.1	.43	40.55	54	-13.45	-	-	104	125	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

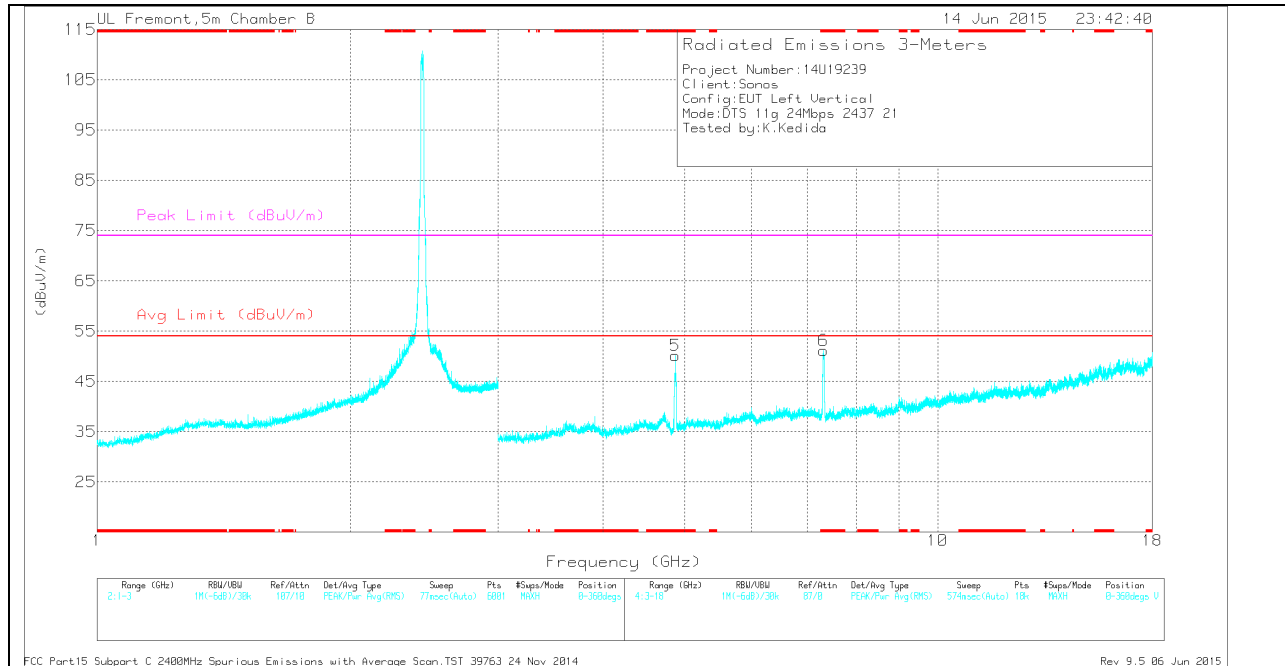
MID CHANNEL HORIZONTAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Ftr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.288	40.93	Pk	31.5	-19.9	0	52.53	-	-	74	-21.47	0-360	199	H
2	* 2.312	41.07	Pk	31.6	-19.9	0	52.77	-	-	74	-21.23	0-360	101	H
3	* 4.874	44.71	Pk	34.2	-29.6	0	49.31	-	-	74	-24.69	0-360	101	H
4	* 7.313	43.67	Pk	35.3	-27.4	0	51.57	-	-	74	-22.43	0-360	101	H
5	* 4.874	45.54	Pk	34.2	-29.6	0	50.14	-	-	74	-23.86	0-360	101	V
6	* 7.316	43.13	Pk	35.3	-27.3	0	51.13	-	-	74	-22.87	0-360	101	V

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

Pk - Peak detector

Radiated Emissions

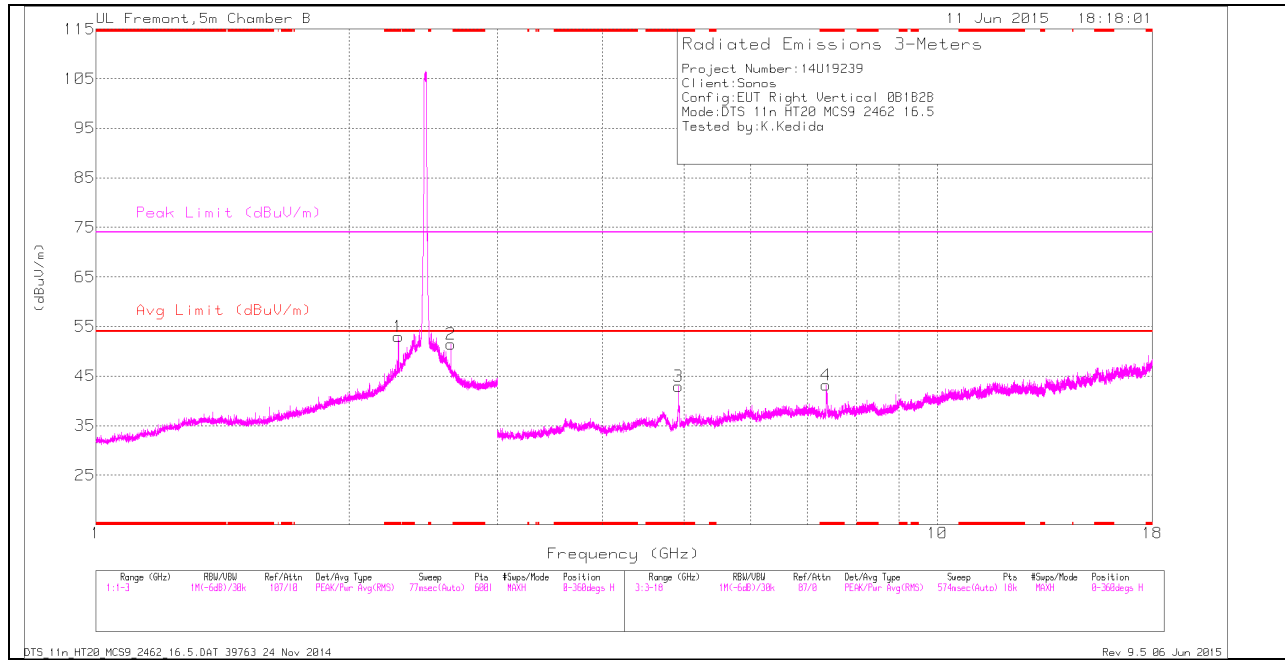
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Ftr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.288	47.58	PK2	31.5	-19.9	0	59.18	-	-	74	-14.82	235	190	H
* 2.288	36.91	MAV1	31.5	-19.9	.43	48.94	54	-5.06	-	-	235	190	H
* 2.314	50.91	PK2	31.6	-19.9	0	62.61	-	-	74	-11.39	245	102	H
* 2.314	36.59	MAV1	31.6	-19.9	.43	48.72	54	-5.28	-	-	245	102	H
* 4.874	54.72	PK2	34.2	-29.6	0	59.32	-	-	74	-14.68	49	110	H
* 4.873	38.36	MAV1	34.2	-29.6	.43	43.39	54	-10.61	-	-	49	110	H
* 7.312	54.14	PK2	35.3	-27.4	0	62.04	-	-	74	-11.96	184	118	H
* 7.314	41.58	MAV1	35.3	-27.4	.43	49.91	54	-4.09	-	-	184	118	H
* 4.874	55.42	PK2	34.2	-29.6	0	60.02	-	-	74	-13.98	74	106	V
* 4.874	39.36	MAV1	34.2	-29.6	.43	44.39	54	-9.61	-	-	74	106	V

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

PK2 - KDB558074 Method: Maximum Peak

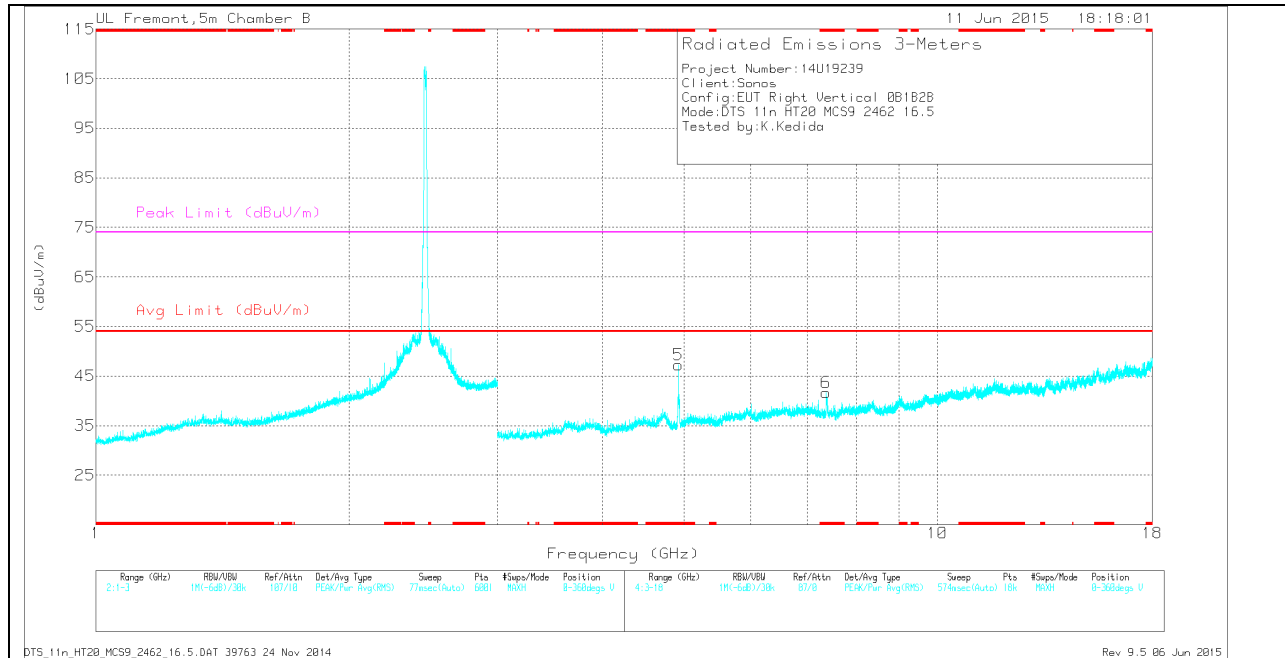
MAV1 - KDB558074 Option 1 Maximum RMS Average

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.288	42.26	Pk	31.5	-20.8	0	52.96	-	-	74	-21.04	0-360	101	H
3	* 4.924	39.34	Pk	34.1	-30.5	0	42.94	-	-	74	-31.06	0-360	199	H
4	* 7.378	35.45	Pk	35.4	-27.7	0	43.15	-	-	74	-30.85	0-360	199	H
5	* 4.924	43.65	Pk	34.1	-30.5	0	47.25	-	-	74	-26.75	0-360	199	V
6	* 7.374	34.12	Pk	35.4	-27.8	0	41.72	-	-	74	-32.28	0-360	101	V
2	2.64	39.61	Pk	32.7	-20.9	0	51.41	-	-	74	-22.59	0-360	101	H

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

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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)	Azimuth (Degs)	Height (cm)	Polarity
* 2.288	48.32	PK2	31.5	-20.8	0	59.02	-	-	74	-14.98	57	112	H
* 2.288	41.19	MAV1	31.5	-20.8	.43	52.32	54	-1.68	-	-	57	112	H
* 4.924	45.95	PK2	34.1	-30.5	0	49.55	-	-	74	-24.45	33	204	H
* 4.924	33.85	MAV1	34.1	-30.5	.43	37.88	54	-16.12	-	-	33	204	H
* 7.379	48.36	PK2	35.4	-27.7	0	56.06	-	-	74	-17.94	335	210	H
* 7.38	31.07	MAV1	35.4	-27.6	.43	39.3	54	-14.7	-	-	335	210	H
* 4.924	49.06	PK2	34.1	-30.5	0	52.66	-	-	74	-21.34	88	259	V
* 4.923	36.1	MAV1	34.1	-30.5	.43	40.13	54	-13.87	-	-	88	259	V
* 7.375	47.71	PK2	35.4	-27.8	0	55.31	-	-	74	-18.69	110	113	V
* 7.376	28.75	MAV1	35.4	-27.8	.43	36.78	54	-17.22	-	-	110	113	V
2.64	47.64	PK2	32.7	-20.9	0	59.44	-	-	74	-14.56	49	227	H
2.64	39.88	MAV1	32.7	-20.9	.43	52.11	54	-1.89	-	-	49	227	H

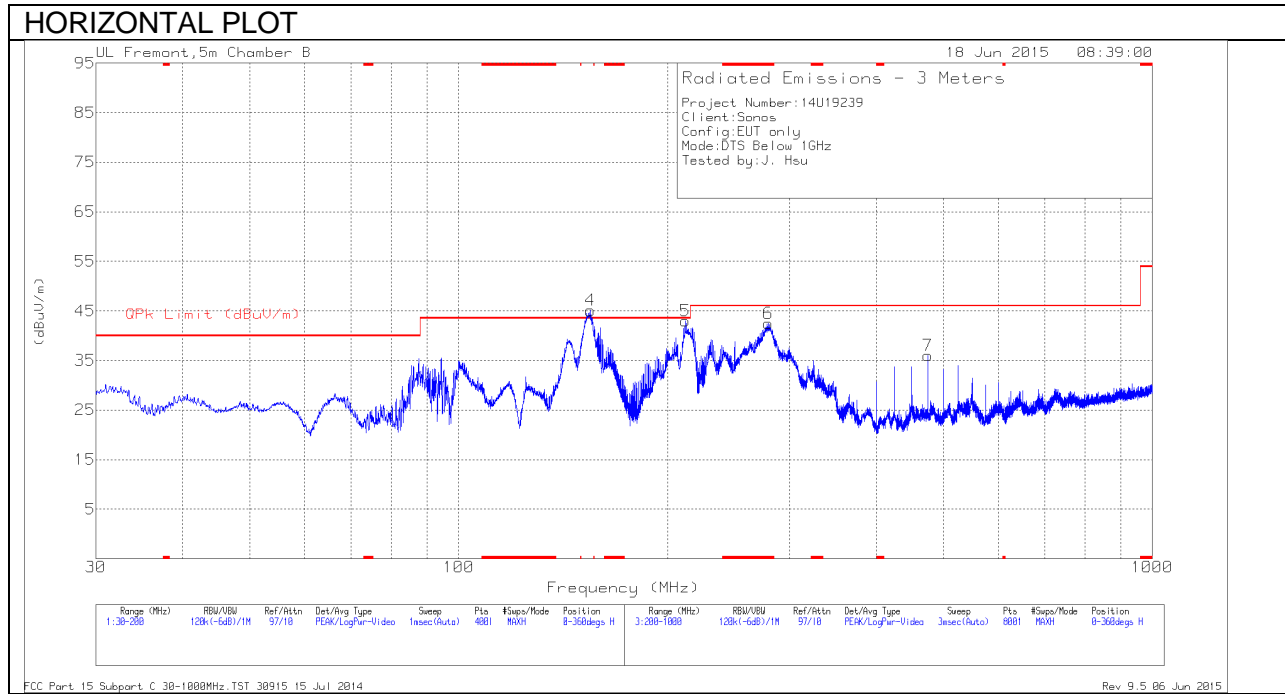
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

### 11.5. WORST-CASE BELOW 1 GHz

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



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



**Below 1G Data***TRACE MARKERS*

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T243 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 279.5	55.01	Pk	13.5	-26	42.51	46.02	-3.51	0-360	199	H
1	34.6325	50.7	Pk	17.8	-28.7	39.8	40	-.2	0-360	101	V
4	154.8225	60.09	Pk	12.4	-27.4	45.09	<b>43.52</b>	<b>1.57</b>	0-360	101	H
5	212.1	59.14	Pk	10.5	-26.7	42.94	43.52	-.58	0-360	101	H
2	344.5	52.67	Pk	14.2	-25.7	41.17	46.02	-4.85	0-360	299	V
7	475	44.03	Pk	17.6	-25.6	36.03	46.02	-9.99	0-360	101	H
3	827.7	38.79	Pk	21.8	-23.4	37.19	46.02	-8.83	0-360	299	V

*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
* 280.7058	51.94	Qp	13.5	-26	39.44	46.02	-6.58	243	188	H
34.6186	45.74	Qp	17.8	-28.7	34.84	40	-5.16	190	210	V
154.6075	57	Qp	12.4	-27.4	42	43.52	-1.52	26	111	H
211.8427	56.07	Qp	10.5	-26.8	39.77	43.52	-3.75	215	103	H
344.5542	32.21	Qp	14.2	-25.7	20.71	46.02	-25.31	330	279	V



## 12. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

\*Decreases with the logarithm of the frequency.

### TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4 2009.

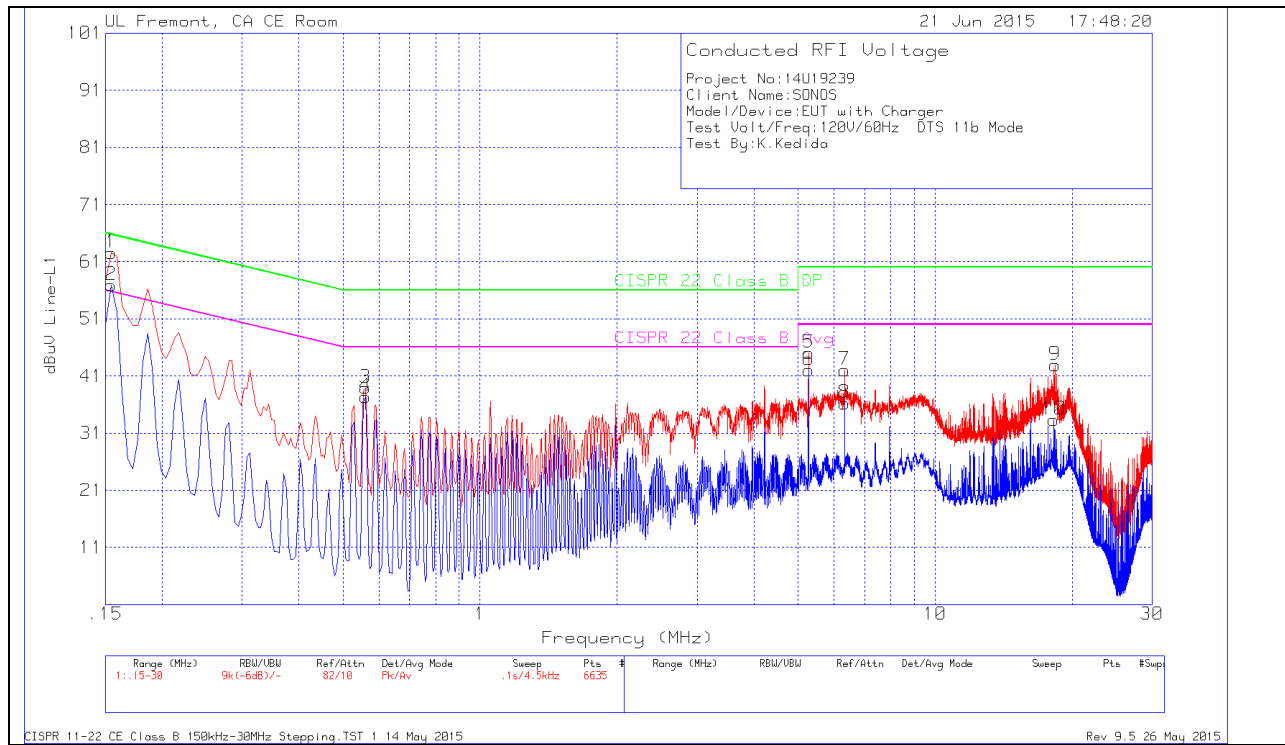
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

**RESULTS**

**6 WORST EMISSIONS**

**LINE 1 PLOT**



**LINE 1 RESULTS**

**Trace Markers**

**Range 1: Line-L1 .15 - 30MHz**

Marker	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)
1	.1545	61.31	Pk	1.3	0	62.61	65.75	-3.14		
2	.1545	55.64	Av	1.3	0	56.94	-	-		
3	.5595	38.64	Pk	.3	0	38.94	56	-17.06	46	-7.06
4	.5595	37.09	Av	.3	0	37.39	-	-	46	-8.61
5	5.2755	44.72	Pk	.2	.1	45.02	60	-14.98	50	-4.98
6	5.2755	41.75	Av	.2	.1	42.05	-	-	50	-7.95
7	6.3285	41.73	Pk	.2	.1	42.03	60	-17.97	50	-7.97
8	6.3285	35.95	Av	.2	.1	36.25	-	-	50	-13.75
9	18.366	42.39	Pk	.3	.2	42.89	60	-17.11	50	-7.11
10	18.2445	32.89	Av	.3	.2	33.39	-	-	50	-16.61

**Peak/Average/RMS Emissions**

**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)
.15	39.72	Ca	1.4	0	41.12	-	-	56	-14.88

Ca - CISPR average detection

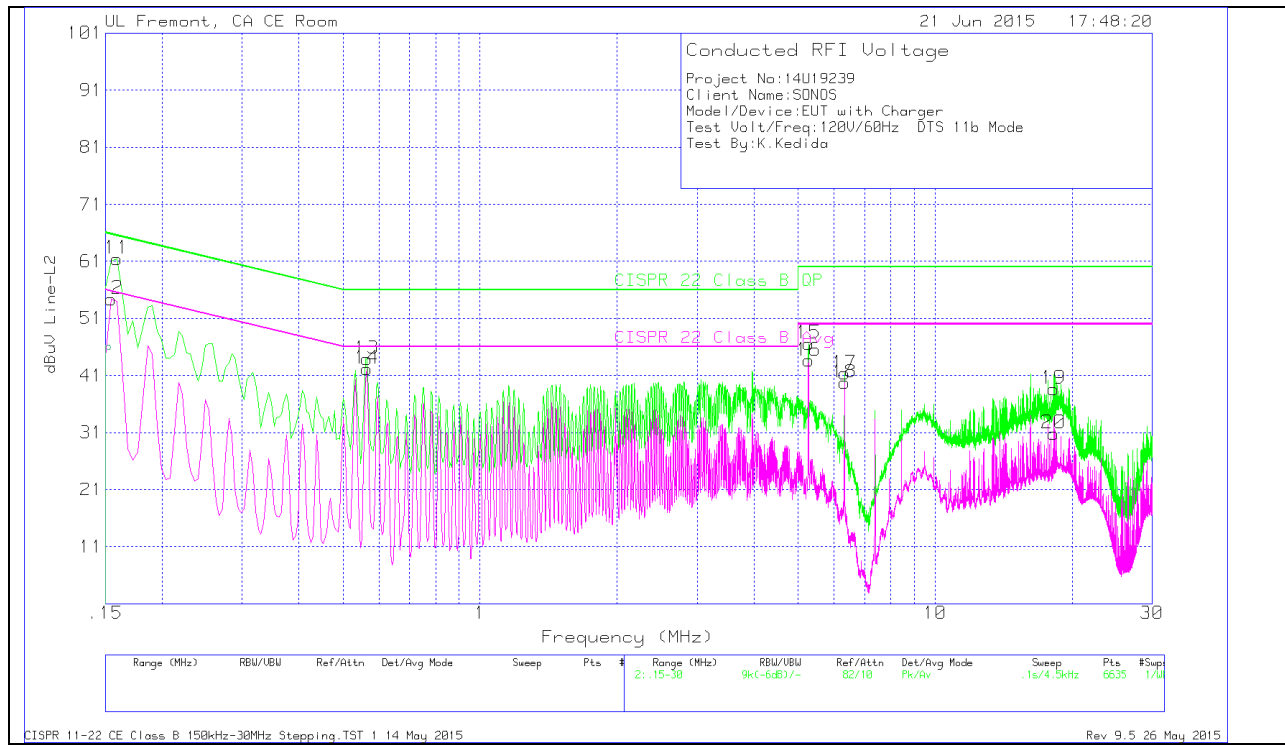
**Quasi-Peak Emissions**

**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)
.15	43.47	Qp	1.4	0	44.87	66	-21.13	-	-

Qp - Quasi-Peak detector

### LINE 2 PLOT



**LINE 2 RESULTS**

**Range 2: Line-L2 .15 - 30MHz**

Marker	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)
11	.159	60.03	Pk	1.4	0	61.43	65.52	-4.09		
12	.1545	52.98	Av	1.4	0	54.38	-	-	55.75	-1.37
13	.564	43.59	Pk	.3	0	43.89	56	-12.11	46	-2.11
14	.564	41.89	Av	.3	0	42.19	-	-	46	-3.81
15	5.271	46.28	Pk	.2	.1	46.58	60	-13.42	50	-3.42
16	5.271	43.31	Av	.2	.1	43.61	-	-	50	-6.39
17	6.324	41.05	Pk	.2	.1	41.35	60	-18.65	50	-8.65
18	6.324	39.43	Av	.2	.1	39.73	-	-	50	-10.27
19	18.24	38.12	Pk	.3	.2	38.62	60	-21.38	50	-11.38
20	18.24	30.3	Av	.3	.2	30.8	-	-	50	-19.2

**Peak/Average/RMS Emissions**

**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)
.15	39.96	Ca	1.5	0	41.46	-	-	56	-14.54

Ca - CISPR average detection

**Quasi-Peak Emissions**

**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)
.15	43.51	Qp	1.5	0	45.01	66	-20.99	-	-

Qp - Quasi-Peak detector

### 14. ART Power setting table based on radiated bandedge measurement:

Horizontal:

Channel	Frequency			
		11b	11g	11n
1	2412	<b>21</b>	<b>16.5</b>	<b>16.5</b>
2	2417	21	18	18.5
3	2422	21	20	19.5
4	2427	21	21	21
5	2432	21	21	21
6	2437	21	21	21
7	2442	21	21	21
8	2447	21	21	21
9	2452	21	21	21
10	2457	21	19	20
11	2462	<b>21</b>	<b>16.5</b>	<b>17</b>

Left vertical:

Channel	Frequency			
		11b	11g	11n
1	2412	<b>21</b>	<b>18</b>	<b>17</b>
2	2417	21	19	19.5
3	2422	21	20.5	20
4	2427	21	21	20.5
5	2432	21	21	21
6	2437	21	21	21
7	2442	21	21	21
8	2447	21	21	21
9	2452	21	21	21
10	2457	21	19.5	19.5
11	2462	<b>21</b>	<b>19.5</b>	<b>16.5</b>

Right vertical:

Channel	Frequency			
		11b	11g	11n
1	2412	<b>21</b>	<b>16</b>	<b>16</b>
2	2417	21	18.5	19
3	2422	21	19.5	20
4	2427	21	20.5	20.5
5	2432	21	21	21
6	2437	21	21	21
7	2442	21	21	21
8	2447	21	21	21
9	2452	21	21	20.5
10	2457	21	18	19
11	2462	<b>21</b>	<b>17.5</b>	<b>16.5</b>

**END OF REPORT**