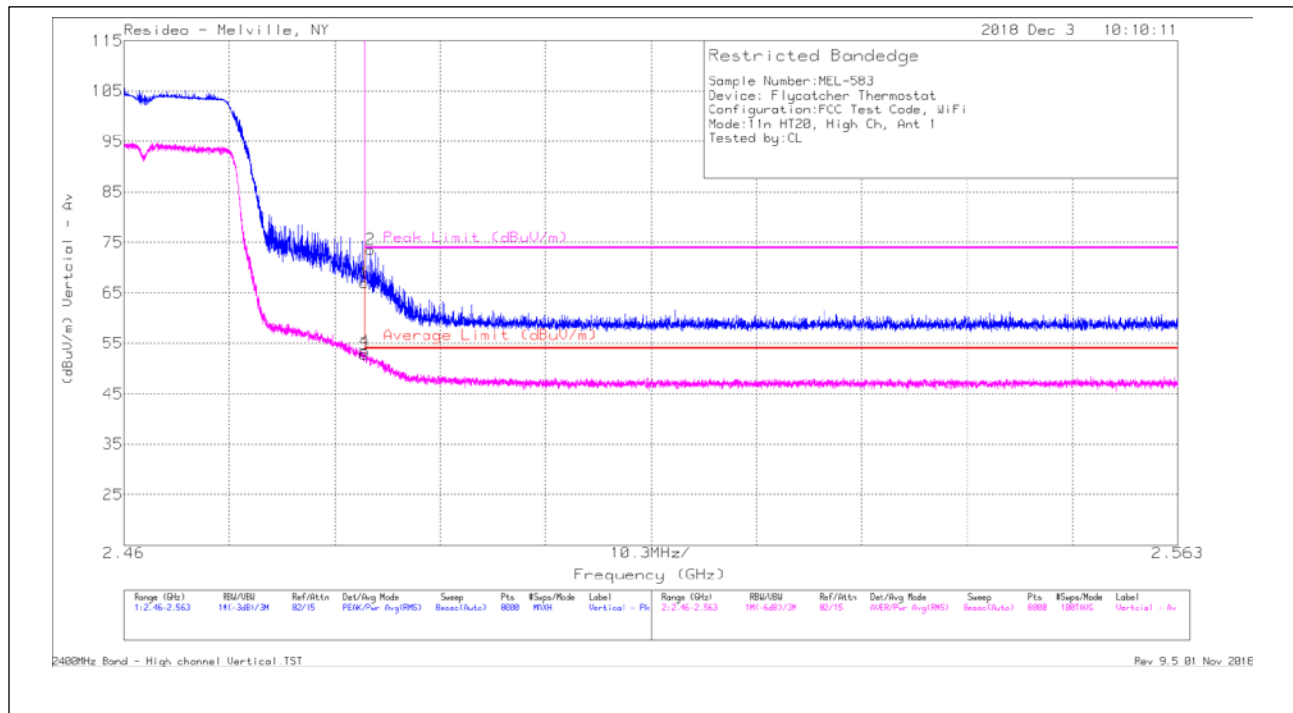




Antenna 1: High Channel Vertical - Plot

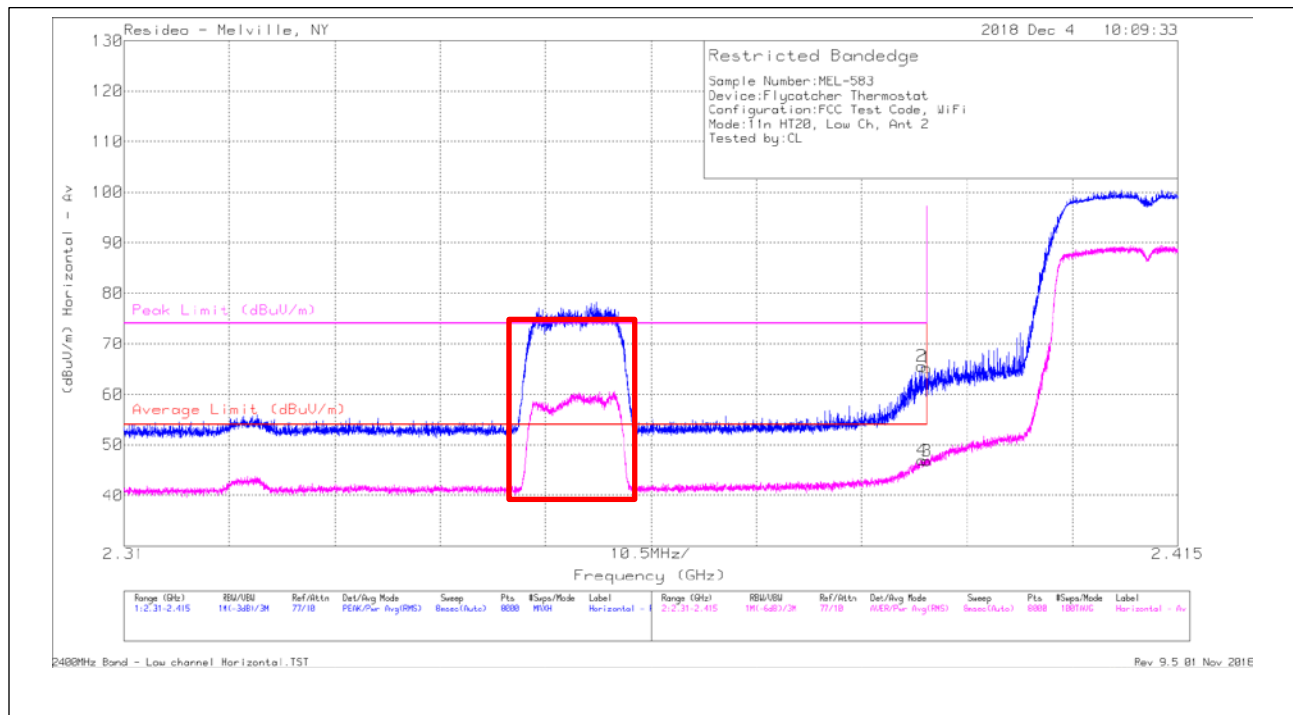
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	32.36	Pk	28.7	.7	2.6	2.6	66.96	-	-	74	-7.04	125	181	V
2	* 2.484	38.92	Pk	28.7	.7	2.6	2.6	73.52	-	-	74	-4.8	125	181	V
3	* 2.484	18.25	RMS	28.7	.7	2.6	2.6	52.85	54	-1.15	-	-	125	181	V
4	* 2.484	18.8	RMS	28.7	.7	2.6	2.6	53.4	54	-6	-	-	125	181	V

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 2: Low Channel Horizontal - Plot

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [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	30.92	Pk	28.5	.7	2.6	2.5	65.22	-	-	74	-8.78	194	329	H
2	* 2.39	31.25	Pk	28.5	.7	2.6	2.5	65.55	-	-	74	-8.45	194	329	H
3	* 2.39	12.6	RMS	28.5	.7	2.6	2.5	46.9	54	-7.1	-	-	194	329	H
4	* 2.39	12.65	RMS	28.5	.7	2.6	2.5	46.95	54	-7.05	-	-	194	329	H

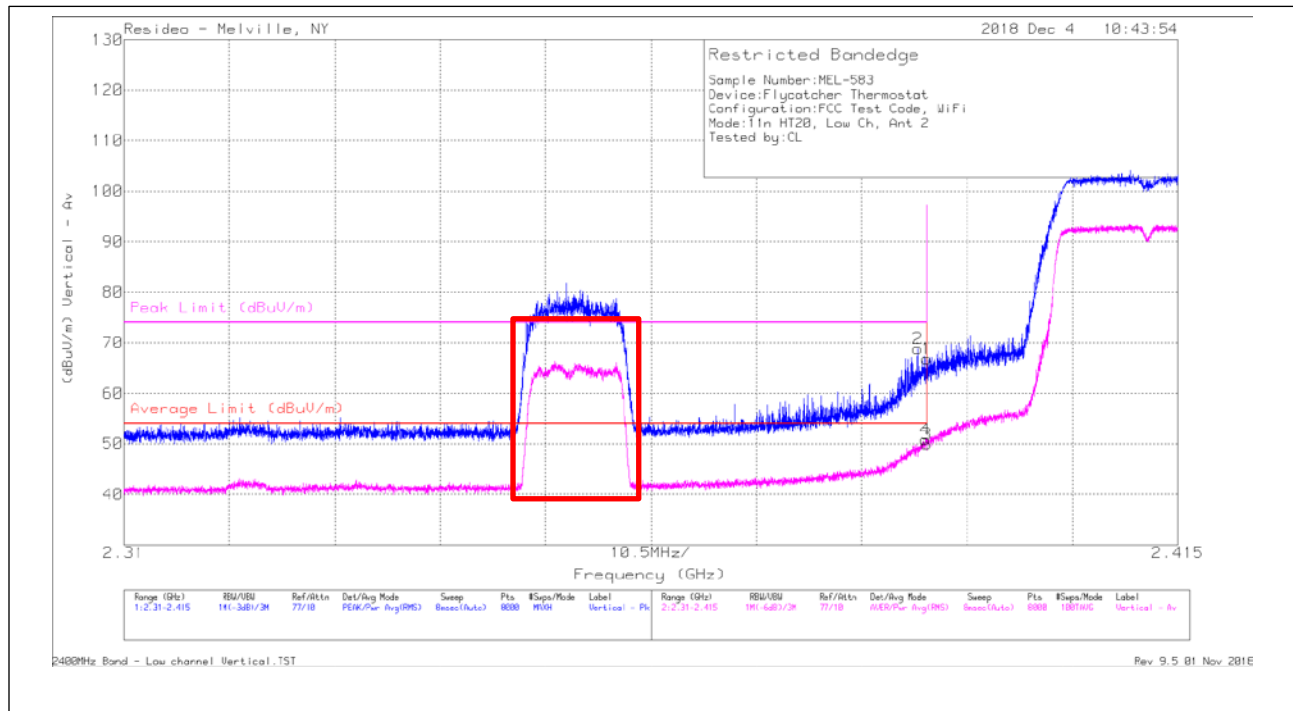
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 2: Low Channel Vertical - Plot

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [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	32.53	Pk	28.5	.7	2.6	2.5	66.83	-	-	74	-7.17	52	376	V
2	* 2.389	34.56	Pk	28.5	.7	2.6	2.5	68.86	-	-	74	-5.14	52	376	V
3	* 2.39	15.67	RMS	28.5	.7	2.6	2.5	49.97	54	-4.03	-	-	52	376	V
4	* 2.39	16.57	RMS	28.5	.7	2.6	2.5	50.87	54	-3.13	-	-	52	376	V

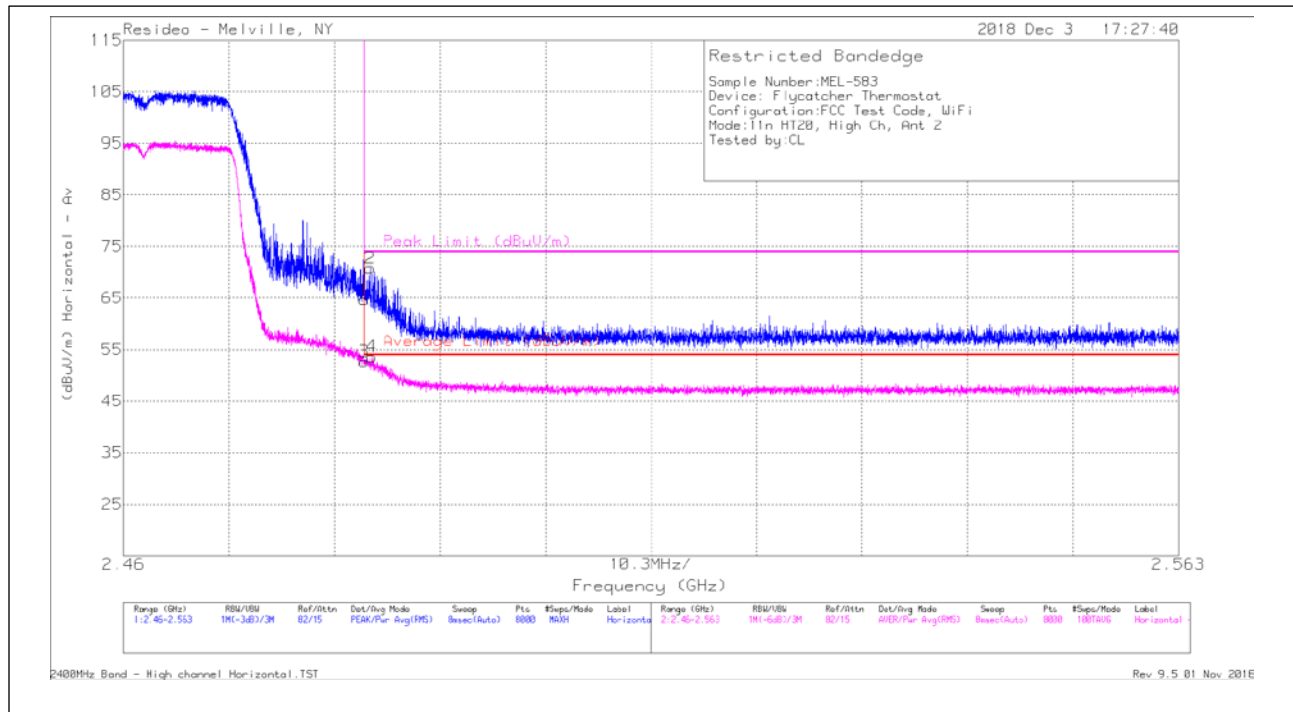
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 2: High Channel Horizontal - Plot

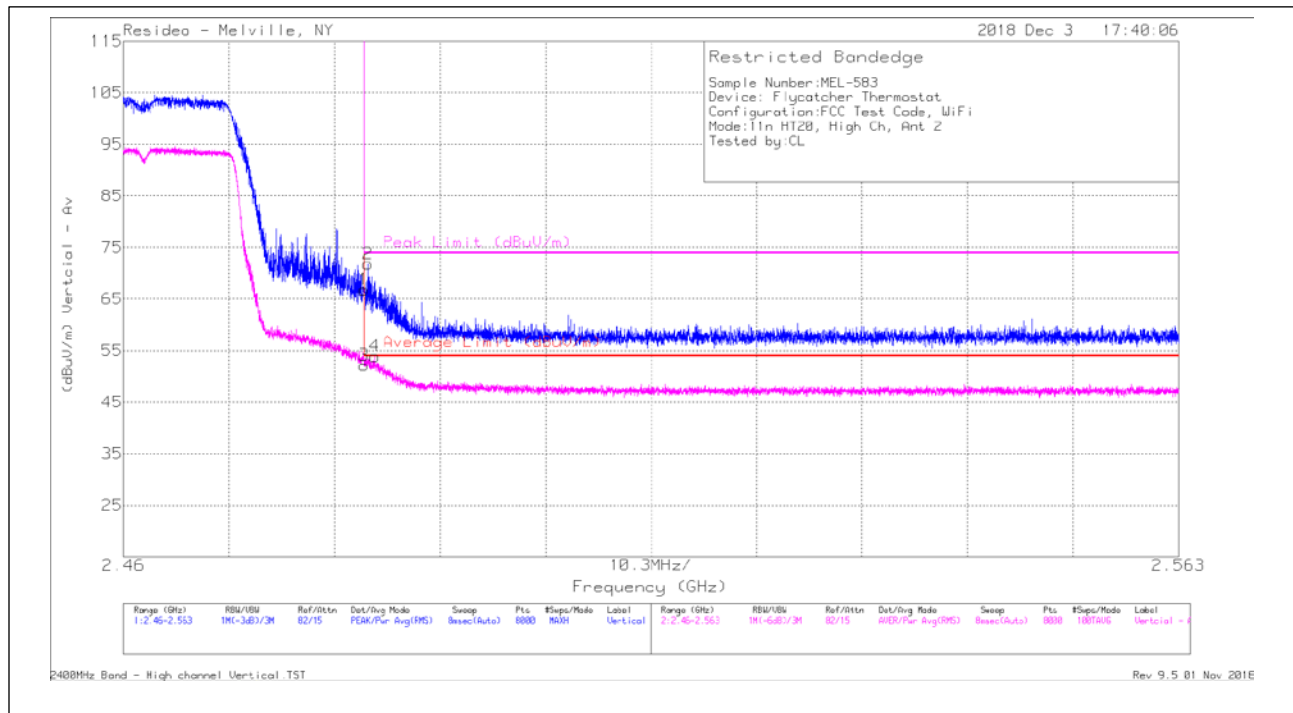
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	30.09	Pk	28.7	.7	2.6	2.6	64.69	-	-	74	-9.31	319	356	H
2	* 2.484	36.17	Pk	28.7	.7	2.6	2.6	70.77	-	-	74	-3.23	319	356	H
3	* 2.484	18.06	RMS	28.7	.7	2.6	2.6	52.66	54	-1.34	-	-	319	356	H
4	* 2.484	19.02	RMS	28.7	.7	2.6	2.6	53.62	54	-.38	-	-	319	356	H

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 2: High Channel Vertical - Plot

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [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	32.24	Pk	28.7	.7	2.6	2.6	66.84	-	-	74	-7.16	120	308	V
2	* 2.484	37.21	Pk	28.7	.7	2.6	2.6	71.81	-	-	74	-2.19	120	308	V
3	* 2.484	17.55	RMS	28.7	.7	2.6	2.6	52.15	54	-1.85	-	-	120	308	V
4	* 2.485	19.31	RMS	28.7	.7	2.6	2.6	53.91	54	-.09	-	-	120	308	V

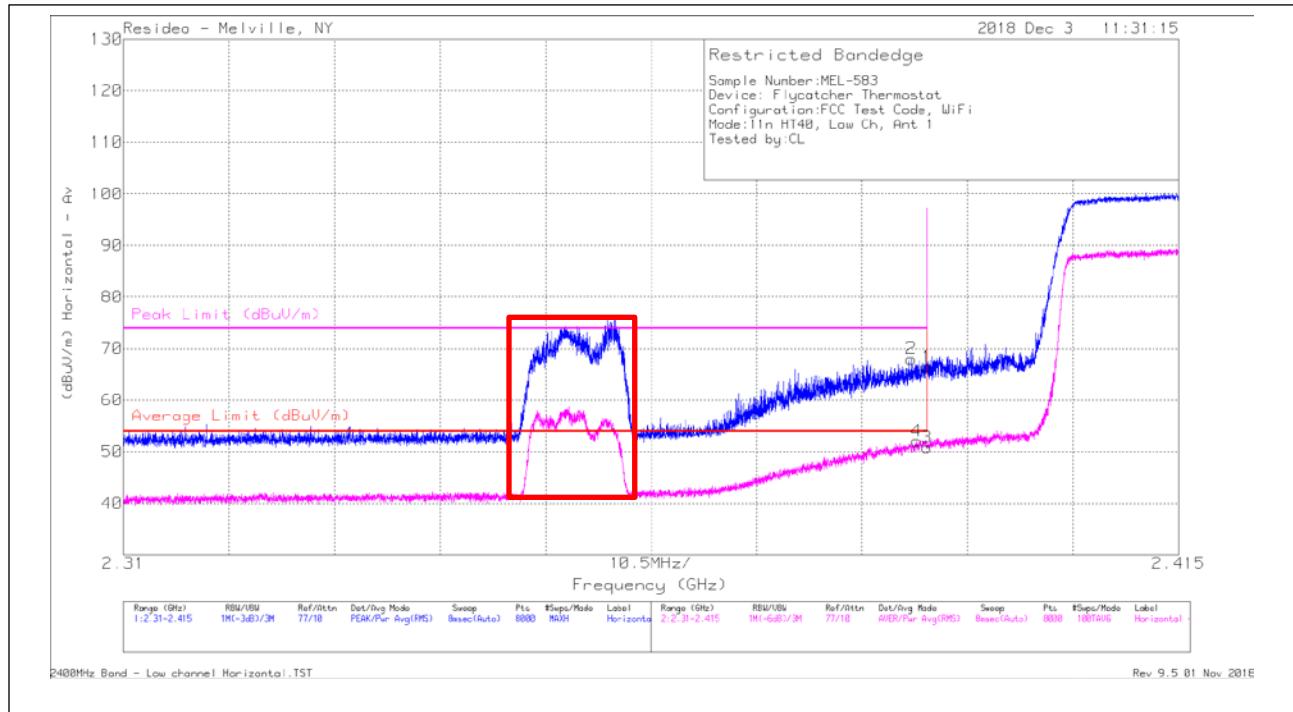
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Data

Restricted Band Edge – 802.11n HT40 Mode



Antenna 1: Low Channel Horizontal – Plot

Frequency (GHz)	Meter Reading (dBUV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [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
* 2.39	32.18	Pk	28.5	.7	2.6	2.5	-	66.48	-	-	74	-7.52	148	133	H
* 2.388	33.74	Pk	28.5	.7	2.6	2.5	-	68.04	-	-	74	-5.96	148	133	H
* 2.39	16.53	RMS	28.5	.7	2.6	2.5	0.1	50.93	54	-3.07	-	-	148	133	H
* 2.389	17.76	RMS	28.5	.7	2.6	2.5	0.1	52.16	54	-1.84	-	-	148	133	H

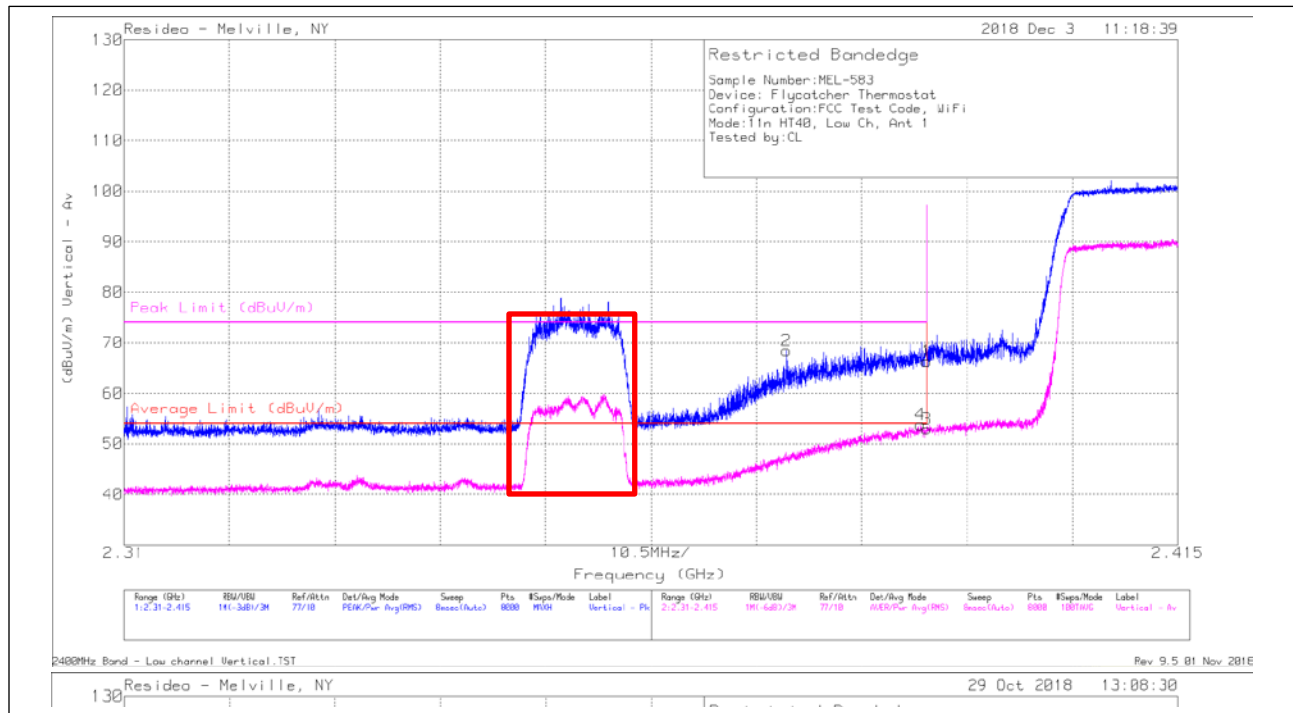
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 1: Low Channel Vertical - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [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
* 2.39	32.08	Pk	28.5	.7	2.6	2.5	-	66.38	-	-	74	-7.62	39	107	V
* 2.376	34.29	Pk	28.4	.7	2.6	2.5	-	68.49	-	-	74	-5.51	39	107	V
* 2.39	18.59	RMS	28.5	.7	2.6	2.5	0.1	52.99	54	-1.01	-	-	39	107	V
* 2.389	19.5	RMS	28.5	.7	2.6	2.5	0.1	53.9	54	-1	-	-	39	107	V

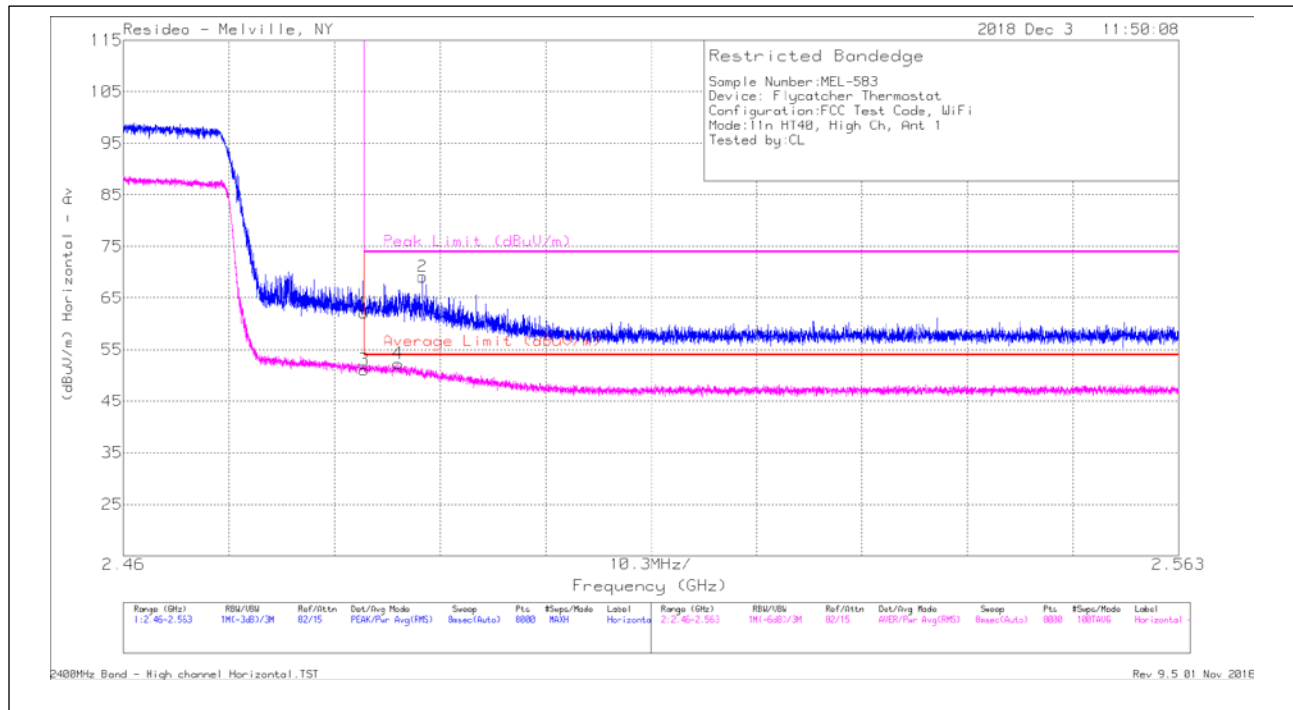
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 1: High Channel Horizontal - Plot

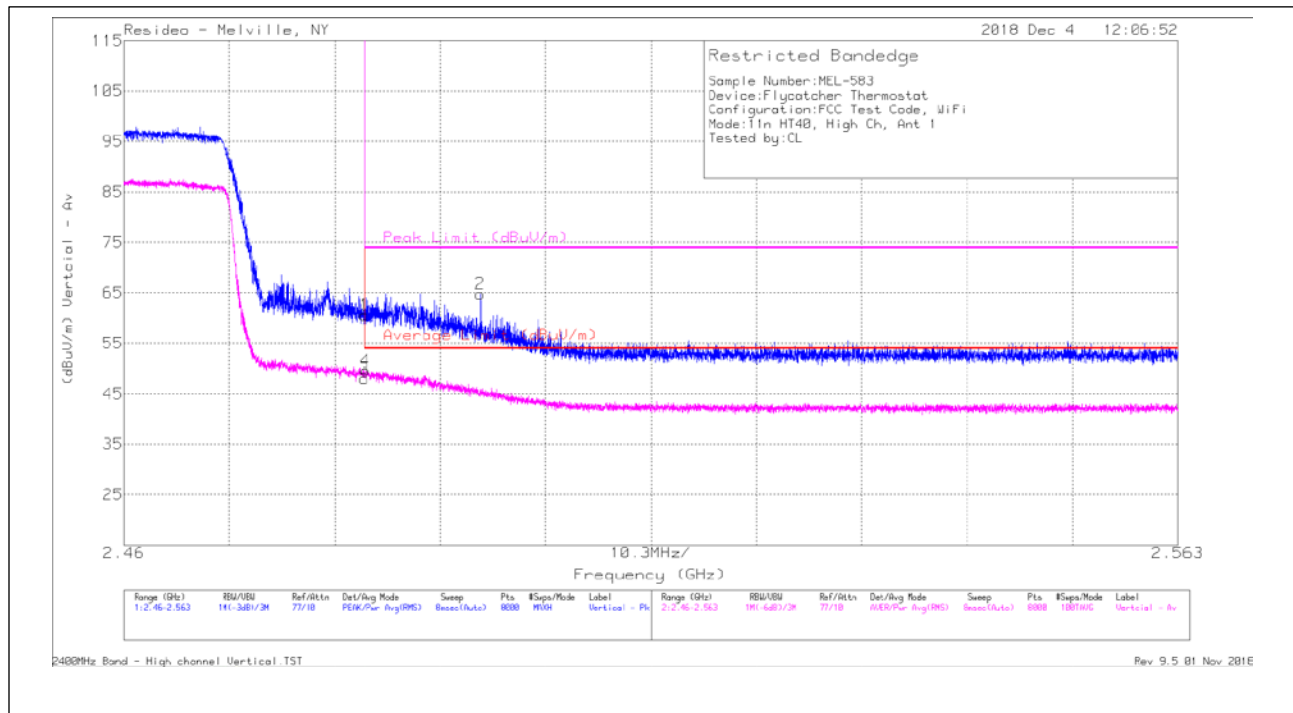
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.484	27.59	Pk	28.7	.7	2.6	2.6	-	62.19	-	-	74	-11.81	169	168	H
* 2.489	34.54	Pk	28.7	.7	2.6	2.6	-	69.14	-	-	74	-4.86	169	168	H
* 2.484	16.48	RMS	28.7	.7	2.6	2.6	0.1	51.18	54	-2.82	-	-	169	168	H
* 2.487	17.67	RMS	28.7	.7	2.6	2.6	0.1	52.37	54	-1.63	-	-	169	168	H

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 1: High Channel Vertical - Plot

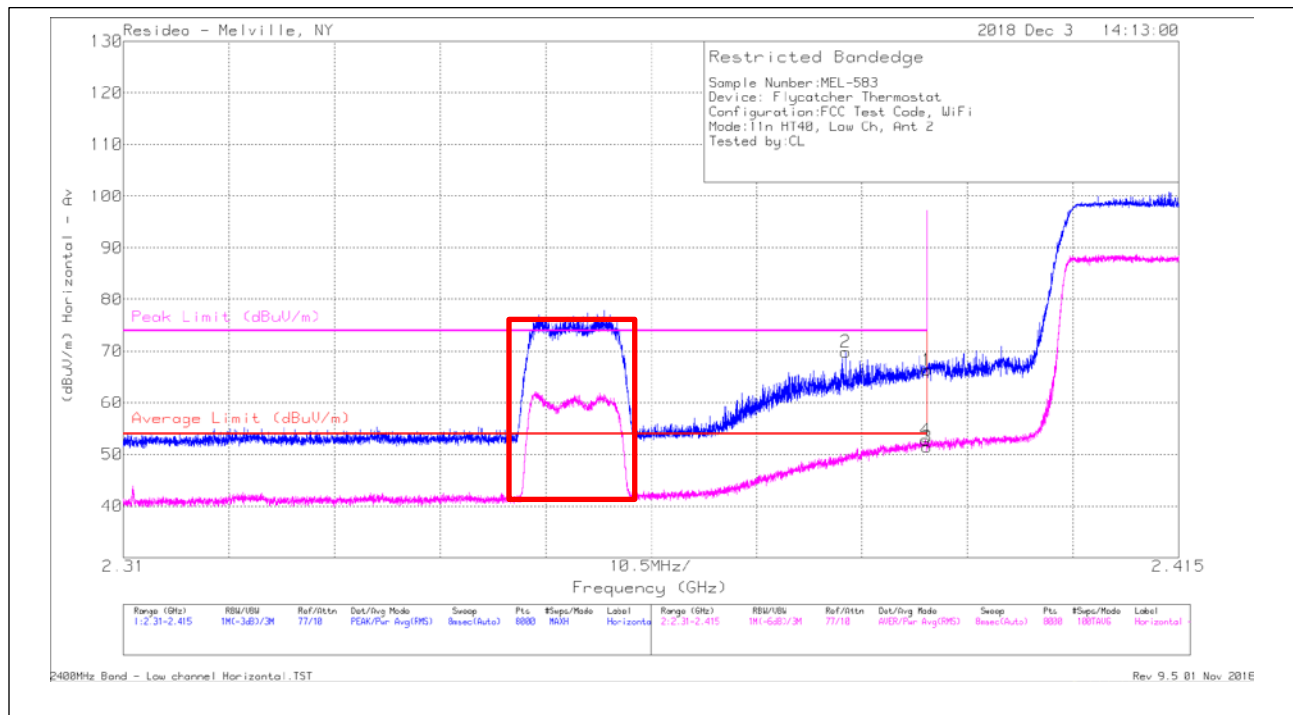
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.484	25.99	Pk	28.7	.7	2.6	2.6	-	60.59	-	-	74	-13.41	129	163	V
* 2.495	30.11	Pk	28.7	.7	2.7	2.6	-	64.81	-	-	74	-9.19	129	163	V
* 2.484	13.42	RMS	28.7	.7	2.6	2.6	0.1	48.12	54	-5.88	-	-	129	163	V
* 2.484	14.96	RMS	28.7	.7	2.6	2.6	0.1	49.66	54	-4.34	-	-	129	163	V

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 2: Low Channel Horizontal - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [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
* 2.39	32.01	Pk	28.5	.7	2.6	2.5	-	66.31	-	-	74	-7.69	314	391	H
* 2.382	35.62	Pk	28.4	.7	2.6	2.5	-	69.82	-	-	74	-4.18	314	391	H
* 2.39	17.13	RMS	28.5	.7	2.6	2.5	0.1	51.53	54	-2.47	-	-	314	391	H
* 2.39	18.48	RMS	28.5	.7	2.6	2.5	0.1	52.88	54	-1.12	-	-	314	391	H

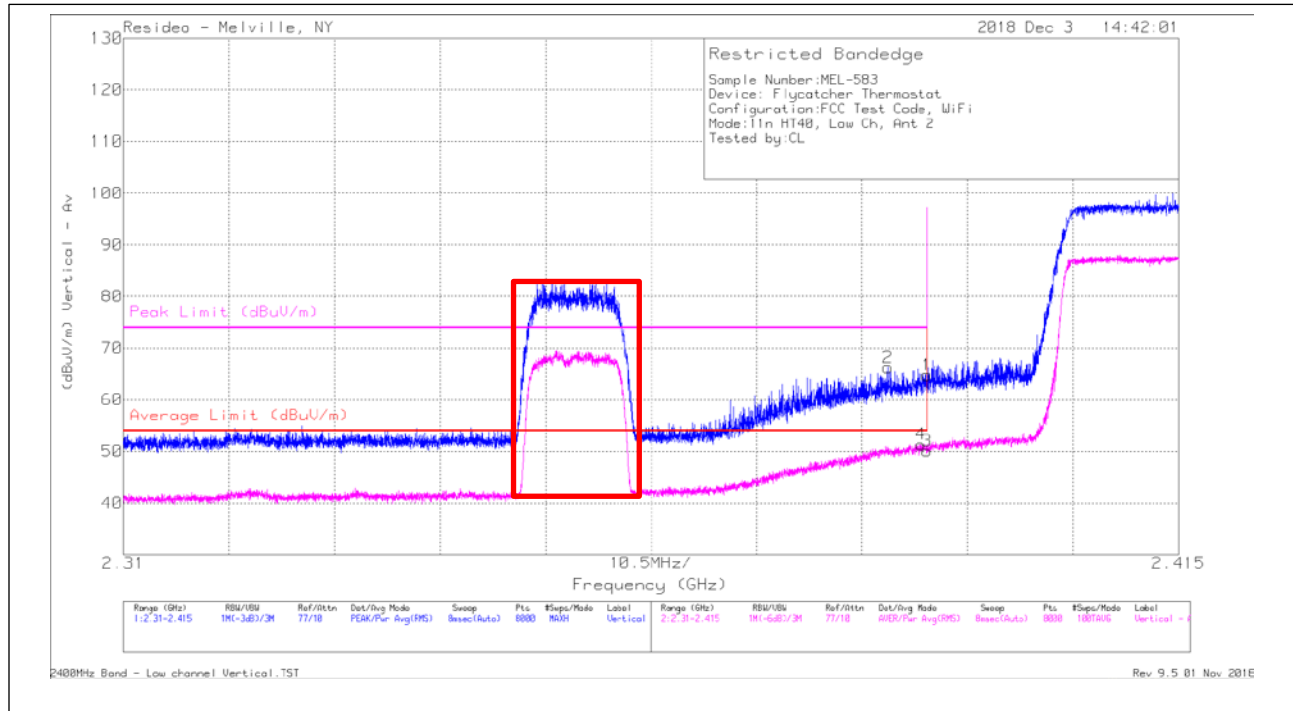
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 2: Low Channel Vertical - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [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
* 2.39	30.47	Pk	28.5	.7	2.6	2.5	-	64.77	-	-	74	-9.23	110	376	V
* 2.386	31.94	Pk	28.5	.7	2.6	2.5	-	66.24	-	-	74	-7.76	110	376	V
* 2.39	15.76	RMS	28.5	.7	2.6	2.5	0.1	50.16	54	-3.84	-	-	110	376	V
* 2.389	17.05	RMS	28.5	.7	2.6	2.5	0.1	51.45	54	-2.55	-	-	110	376	V

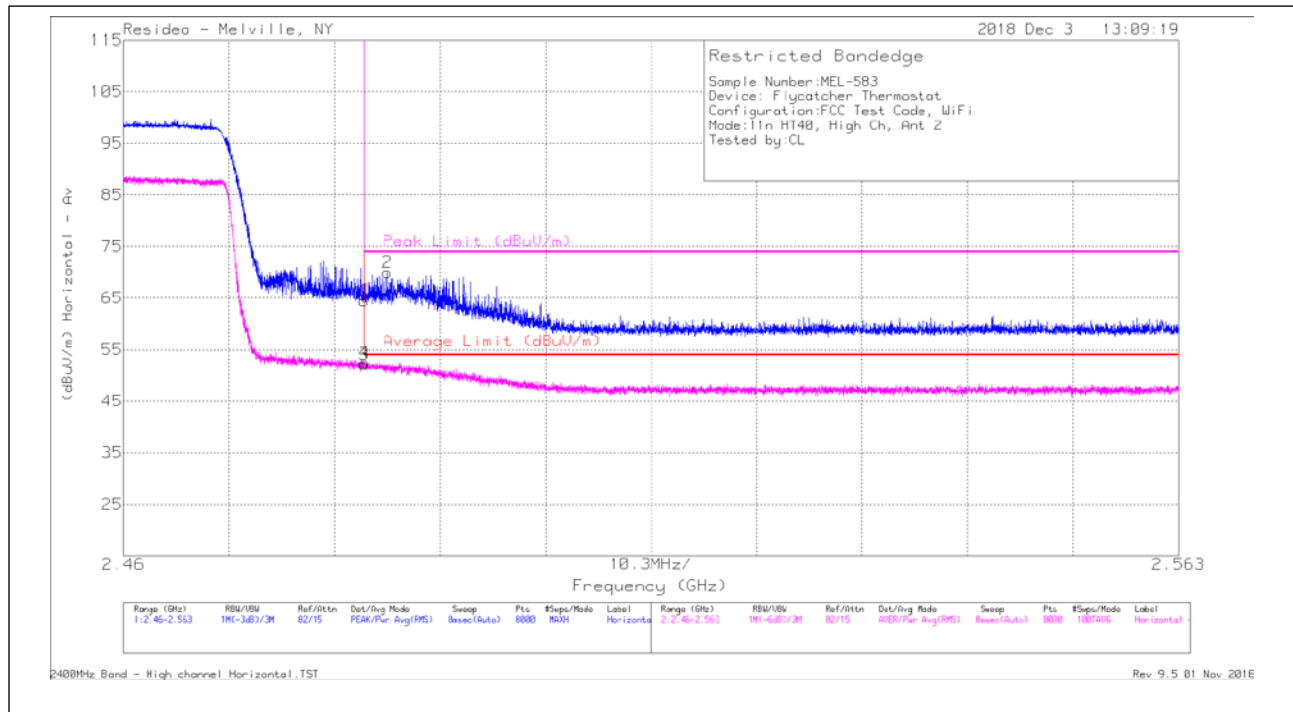
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 2: High Channel Horizontal - Plot

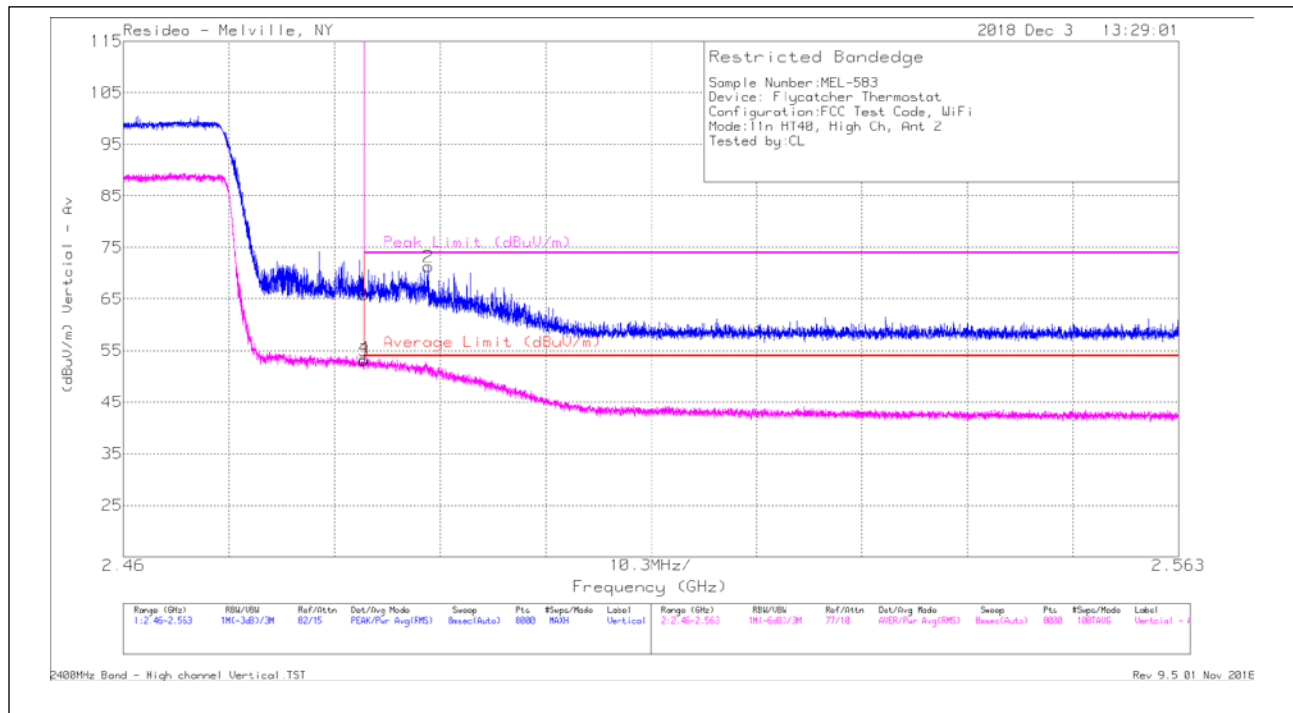
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.484	29.9	Pk	28.7	.7	2.6	2.6	-	64.5	-	-	74	-9.5	322	362	H
* 2.486	35.33	Pk	28.7	.7	2.6	2.6	-	69.93	-	-	74	-4.07	322	362	H
* 2.484	17.55	RMS	28.7	.7	2.6	2.6	0.1	52.25	54	-1.75	-	-	322	362	H
* 2.484	17.86	RMS	28.7	.7	2.6	2.6	0.1	52.56	54	-1.44	-	-	322	362	H

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 2: High Channel Vertical - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX3 [dB]	SMA7 [dB]	SMA5 [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
* 2.484	31.21	Pk	28.7	.7	2.6	2.6	-	65.81	-	-	74	-8.19	122	293	V
* 2.49	36.53	Pk	28.7	.7	2.7	2.6	-	71.23	-	-	74	-2.77	122	293	V
* 2.484	18.49	RMS	28.7	.7	2.6	2.6	0.1	53.19	54	-81	-	-	122	293	V
* 2.484	18.93	RMS	28.7	.7	2.6	2.6	0.1	53.63	54	-37	-	-	122	293	V

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

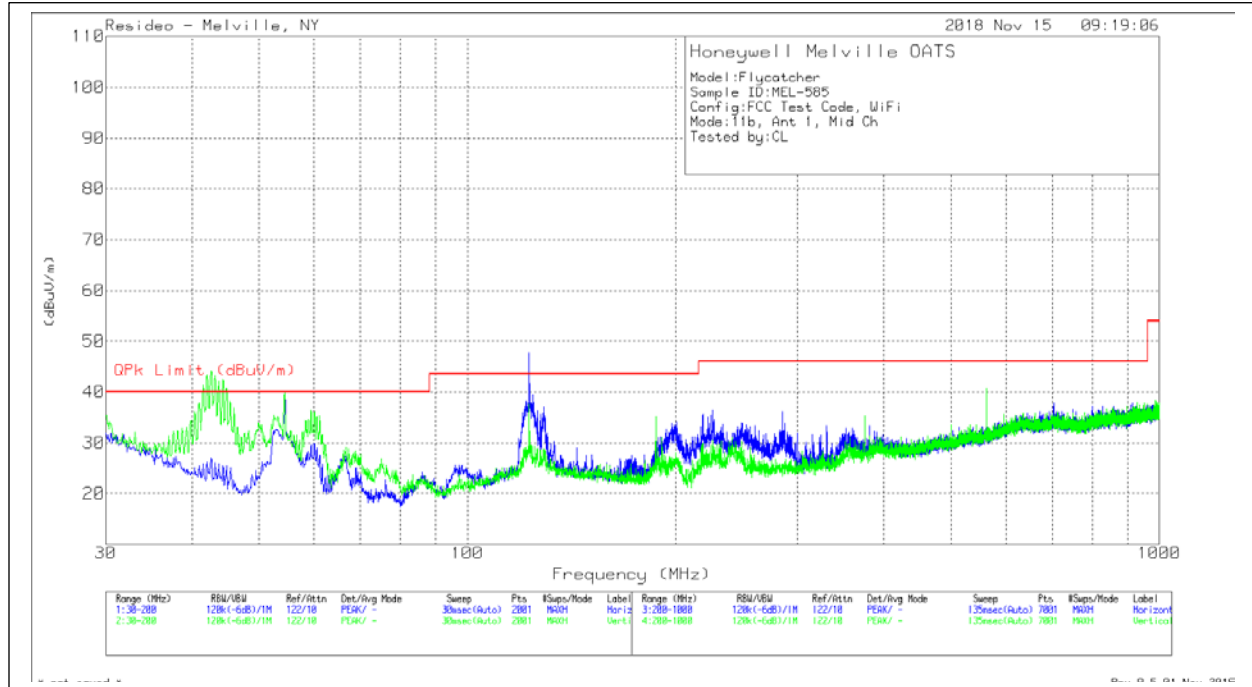
Pk - Peak detector

RMS - RMS detection

Data

Spurious Emissions

Below 1GHz (Worse-case, 802.11b Mode)



Mid Channel - Plot

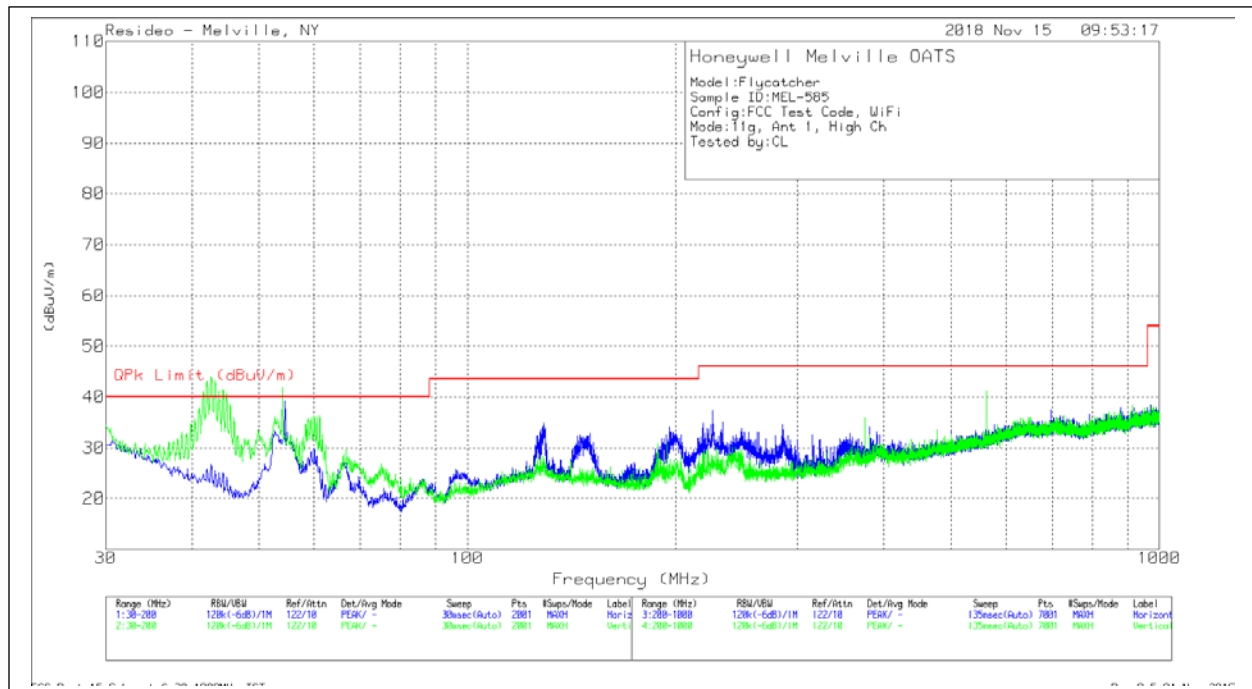
Frequency (MHz)	Meter Reading (dBuV)	Det	AF_JB6 [dB/m]	Cable 1 [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
54.6283	14.95	Qp	12.1	1.1	28.15	40	-11.85	69	364	H
* 122.735	7.96	Qp	17.6	1.8	27.36	43.52	-16.16	148	332	H
42.5877	15.37	Qp	16.3	1	32.67	40	-7.33	92	226	V
54.3016	20.55	Qp	12.1	1.1	33.75	40	-6.25	35	313	V
* 122.7552	10.15	Qp	17.6	1.8	29.55	43.52	-13.97	150	104	V
562.4608	4.49	Qp	23	5.8	33.29	46.02	-12.73	73	204	H

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

Qp - Quasi-Peak detector

Mid Channel - Data

Below 1GHz (Worse-case, 802.11g Mode)



High Channel - Plot

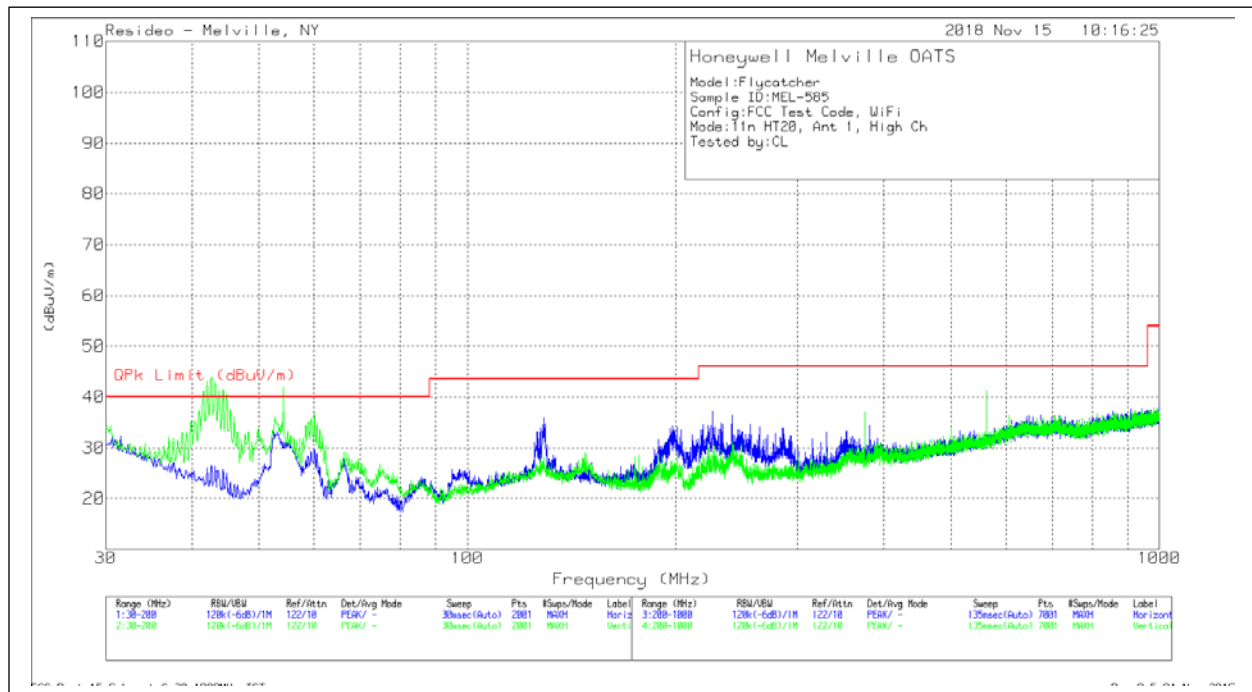
Frequency (MHz)	Meter Reading (dBuV)	Det	AF_JB6 [dB/m]	Cable 1 [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
54.3141	18.36	Qp	12.1	1.1	31.56	40	-8.44	286	380	H
42.578	14.93	Qp	16.3	1	32.23	40	-7.77	204	317	V
53.8835	18.86	Qp	12.1	1.1	32.06	40	-7.94	305	358	V
61.1108	22.3	Qp	11.9	1.2	35.4	40	-4.6	40	133	V
562.4977	4.61	Qp	23	5.8	33.41	46.02	-12.61	200	141	H
562.5152	4.41	Qp	23	5.8	33.21	46.02	-12.81	194	350	V

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

Qp - Quasi-Peak detector

High Channel - Data

Below 1GHz (Worse-case, 802.11n HT20 Mode)



High Channel - Plot

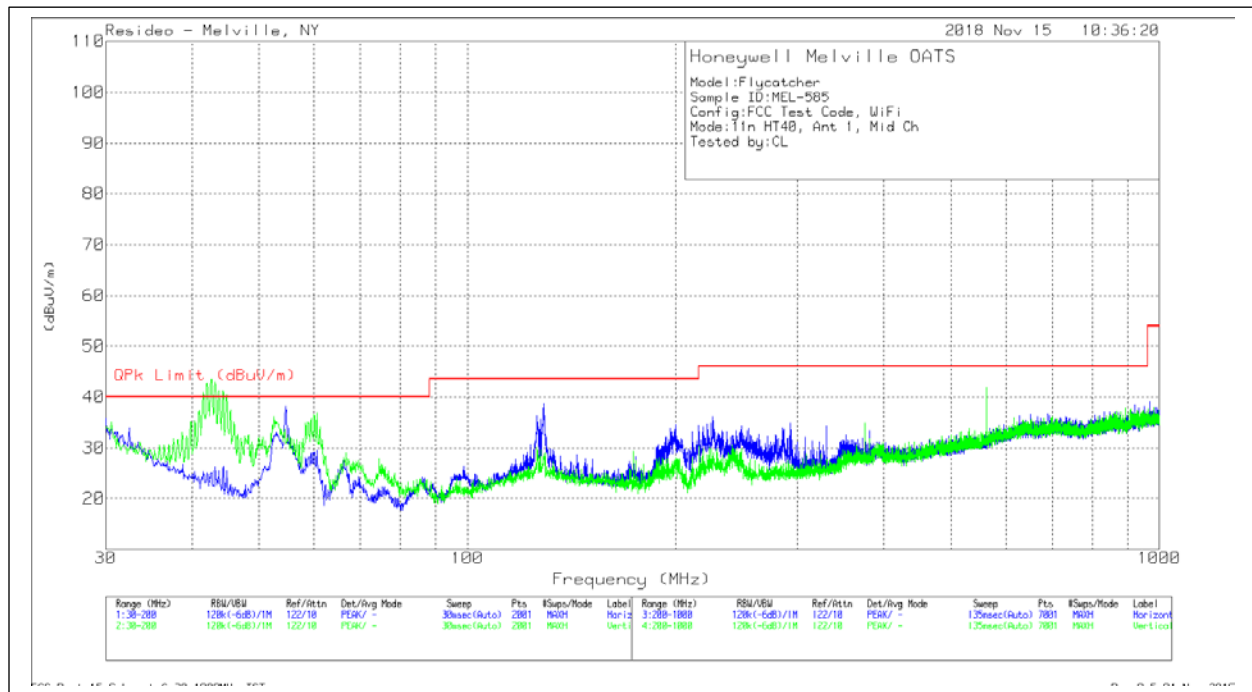
Frequency (MHz)	Meter Reading (dBuV)	Det	AF_JB6 [dB/m]	Cable 1 [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
52.552	9.64	Qp	12.2	1.1	22.94	40	-17.06	168	372	H
* 128.9974	5.67	Qp	17.6	1.8	25.07	43.52	-18.45	313	154	H
42.5821	14.21	Qp	16.3	1	31.51	40	-8.49	286	375	V
54.3134	20.67	Qp	12.1	1.1	33.87	40	-6.13	17	321	V
60.1969	15.17	Qp	11.8	1.2	28.17	40	-11.83	50	107	V
562.5317	4.38	Qp	23	5.8	33.18	46.02	-12.84	347	243	V

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

Qp - Quasi-Peak detector

High Channel - Data

Below 1GHz (Worse-case, 802.11n HT40 Mode)



Mid Channel - Plot

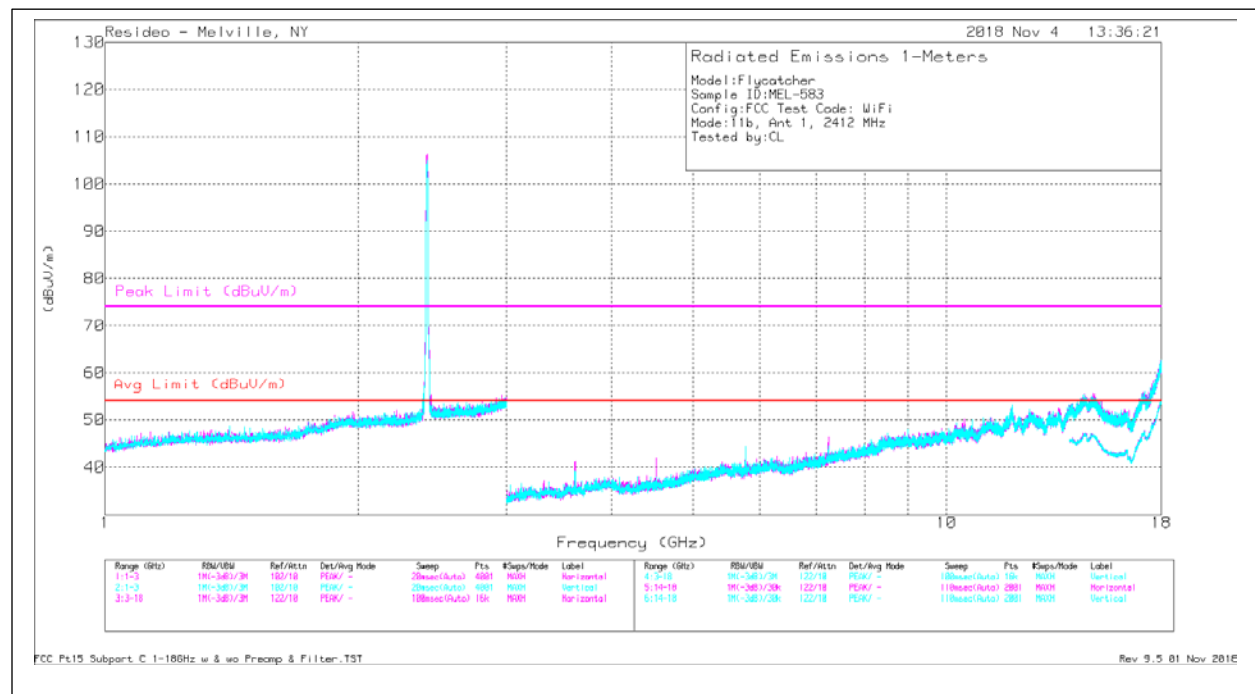
Frequency (MHz)	Meter Reading (dBuV)	Det	AF_JB6 [dB/m]	Cable 1 [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
54.5496	15.49	Qp	12.1	1.1	28.69	40	-11.31	62	399	H
* 128.6842	5.89	Qp	17.6	1.8	25.29	43.52	-18.23	284	234	H
42.5471	16.17	Qp	16.3	1	33.47	40	-6.53	189	106	V
52.6339	21.06	Qp	12.2	1.1	34.36	40	-5.64	104	154	V
60.558	21.23	Qp	11.8	1.2	34.23	40	-5.77	273	138	V
562.5397	4.3	Qp	23	5.8	33.1	46.02	-12.92	222	359	V

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

Qp - Quasi-Peak detector

Mid Channel - Data

1-18GHz – 802.11b Mode



Antenna 1: Low Channel - Plot

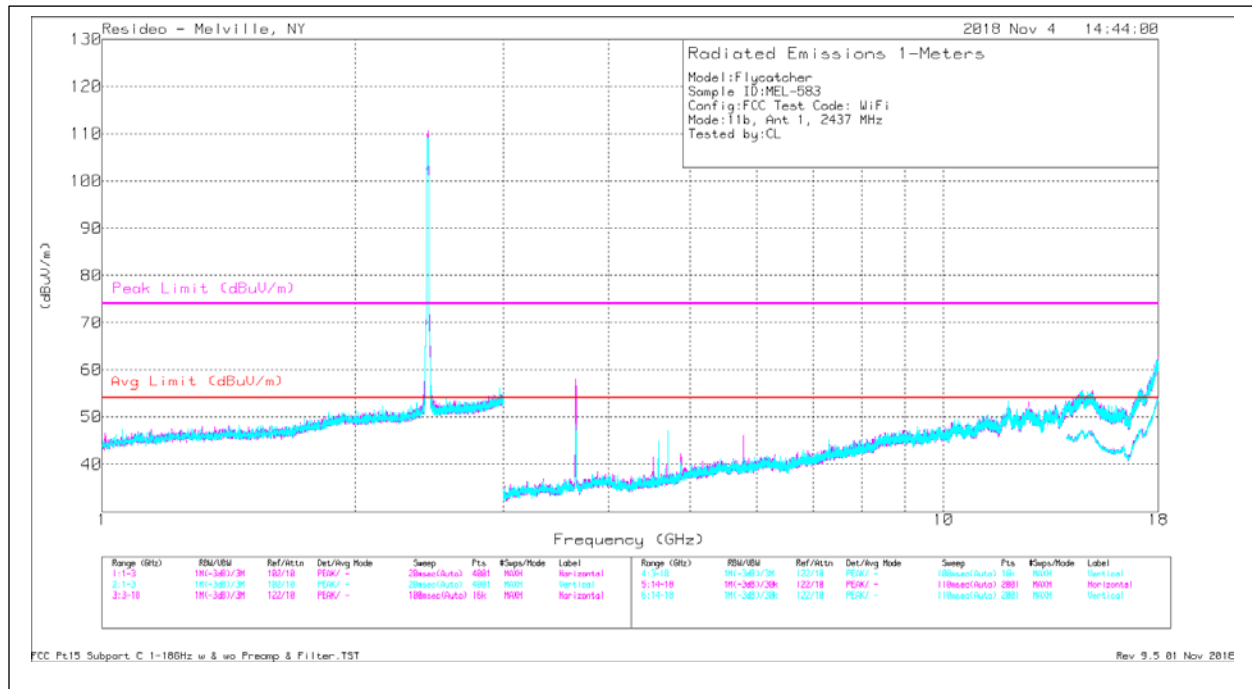
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.963	45.56	PK2	30	-42.3	2.9	2.8	38.96	-	-	74	-35.04	35	194	H
2.966	33.99	MAV1	30.1	-42.3	2.9	2.8	27.49	54	-26.51	-	-	35	194	H
* 3.621	43.34	PK2	31.8	-41.5	3.2	3.1	39.94	-	-	74	-34.06	8	386	H
* 3.614	32.13	MAV1	31.8	-41.5	3.2	3.1	28.73	54	-25.27	-	-	8	386	H
* 4.514	45.64	PK2	32.5	-41	3.6	3.5	44.24	-	-	74	-29.76	321	369	H
* 4.514	40.14	MAV1	32.5	-41	3.6	3.5	38.74	54	-15.26	-	-	321	369	H
7.239	37.15	PK2	36.3	-39.6	4.7	4.5	43.05	-	-	74	-30.95	137	170	H
7.237	27.53	MAV1	36.3	-39.6	4.7	4.5	33.43	54	-20.57	-	-	137	170	H
2.942	42.75	PK2	29.9	-42.1	2.9	2.8	36.25	-	-	74	-37.75	226	307	V
2.942	33.03	MAV1	29.9	-42.1	2.9	2.8	26.53	54	-27.47	-	-	226	307	V
* 3.615	41.11	PK2	31.8	-41.5	3.2	3.1	37.71	-	-	74	-36.29	239	273	V
* 3.615	31.35	MAV1	31.8	-41.5	3.2	3.1	27.95	54	-26.05	-	-	239	273	V
5.769	62.73	PK2	34.2	-40	4	4	64.93	-	-	74	-9.07	86	360	V
5.769	38.83	MAV1	34.2	-40	4	4	41.03	54	-12.97	-	-	86	360	V
7.238	38.53	PK2	36.3	-39.6	4.7	4.5	44.43	-	-	74	-29.57	78	213	V
7.238	28.32	MAV1	36.3	-39.6	4.7	4.5	34.22	54	-19.78	-	-	78	213	V
* 17.984	39.14	PK2	47.9	-37.8	7.7	7.3	64.24	-	-	74	-9.76	304	244	V
* 17.983	27.48	MAV1	47.9	-37.8	7.7	7.3	52.58	54	-1.42	-	-	304	244	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Low Channel - Data



Antenna 1: Mid Channel - Plot

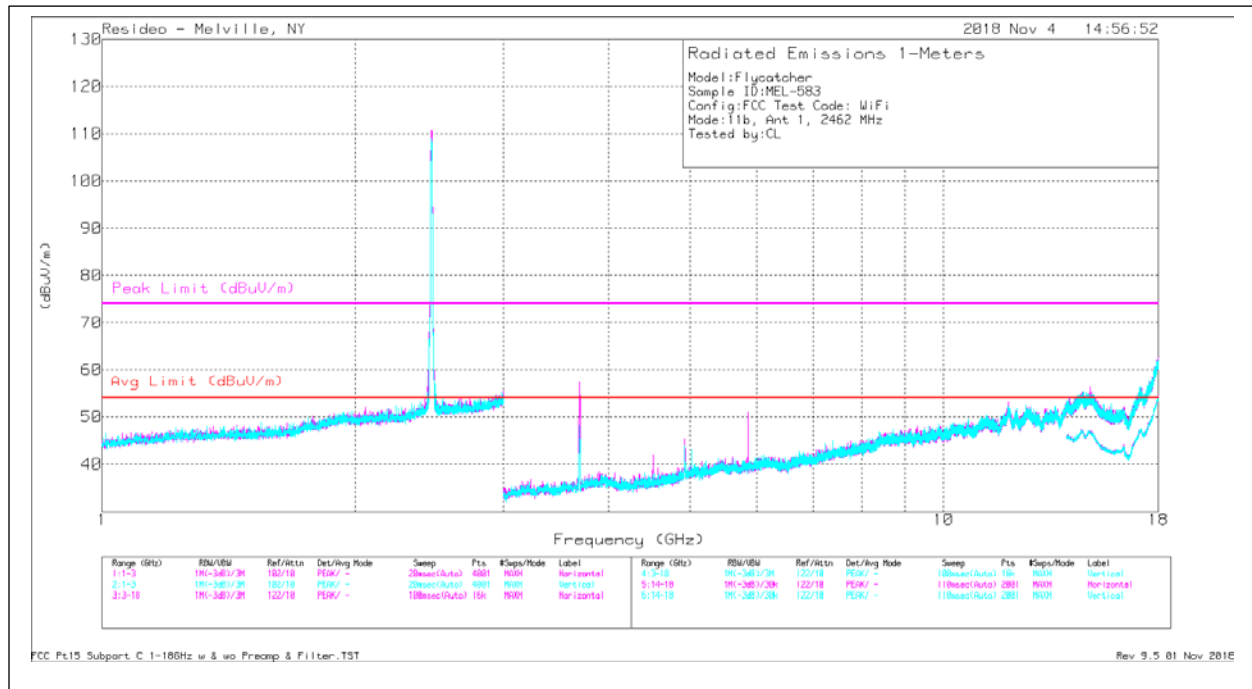
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.997	42.22	PK2	30.3	-42.5	2.9	2.8	35.72	-	-	74	-38.28	53	152	H
2.996	33.66	MAV1	30.3	-42.5	2.9	2.8	27.16	54	-26.84	-	-	53	152	H
* 3.656	58.62	PK2	31.9	-41.5	3.2	3.1	55.32	-	-	74	-18.68	194	148	H
* 3.655	50.64	MAV1	31.9	-41.5	3.2	3.1	47.34	54	-6.66	-	-	194	148	H
* 4.874	44.23	PK2	33.2	-41.3	3.7	3.6	43.43	-	-	74	-30.57	195	140	H
* 4.874	32.61	MAV1	33.2	-41.3	3.7	3.6	31.81	54	-22.19	-	-	195	140	H
5.782	71.19	PK2	34.2	-40	4	4	73.39	-	-	74	-61	328	359	H
5.779	36.12	MAV1	34.2	-40	4	4	38.32	54	-15.68	-	-	328	359	H
* 12.631	39.15	PK2	38.7	-37.1	6	6.1	52.85	-	-	74	-21.15	218	104	H
* 12.632	27.52	MAV1	38.7	-37.1	6	6.1	41.22	54	-12.78	-	-	218	104	H
2.967	42.93	PK2	30.1	-42.3	2.9	2.8	36.43	-	-	74	-37.57	243	188	V
2.969	33.72	MAV1	30.1	-42.3	2.9	2.8	27.22	54	-26.78	-	-	243	188	V
* 3.655	53.14	PK2	31.9	-41.5	3.2	3.1	49.84	-	-	74	-24.16	74	235	V
* 3.655	44.77	MAV1	31.9	-41.5	3.2	3.1	41.47	54	-12.53	-	-	74	235	V
* 4.577	43	PK2	32.7	-41	3.6	3.5	41.8	-	-	74	-32.2	156	229	V
* 4.58	31.22	MAV1	32.7	-41.1	3.6	3.5	29.92	54	-24.08	-	-	156	229	V
* 4.706	42.75	PK2	32.8	-41.1	3.7	3.5	41.65	-	-	74	-32.35	11	135	V
* 4.71	30.88	MAV1	32.8	-41.1	3.7	3.5	29.78	54	-24.22	-	-	11	135	V
* 11.931	37.76	PK2	39.5	-37.4	6.9	5.8	52.56	-	-	74	-21.44	326	247	V
* 11.938	26.66	MAV1	39.5	-37.4	6.8	5.8	41.36	54	-12.64	-	-	326	247	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Mid Channel - Data



Antenna 1: High Channel - Plot

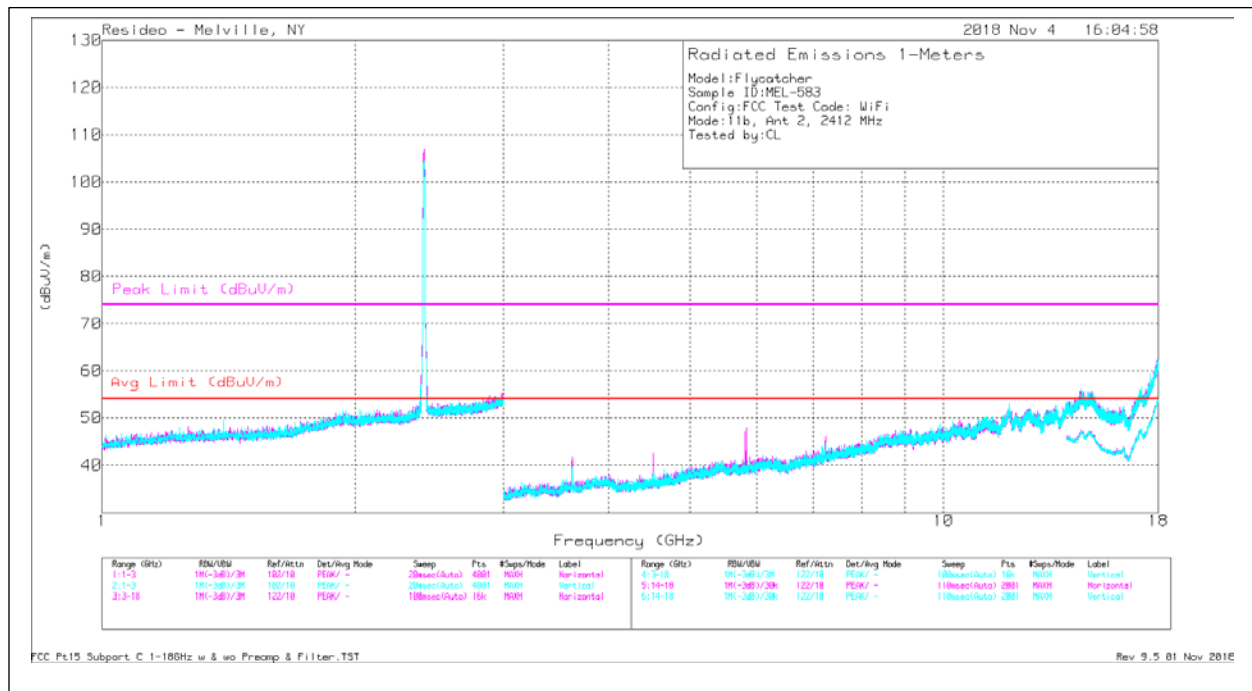
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.997	43.37	PK2	30.3	-42.5	2.9	2.8	36.87	-	-	74	-37.13	255	156	H
2.999	33.5	MAV1	30.3	-42.5	2.9	2.8	27	54	-27	-	-	255	156	H
* 3.693	58.2	PK2	32.2	-41.2	3.3	3.1	55.6	-	-	74	-18.4	189	198	H
* 3.693	50.28	MAV1	32.2	-41.2	3.3	3.1	47.68	54	-6.32	-	-	189	198	H
* 4.514	44.49	PK2	32.5	-41	3.6	3.5	43.09	-	-	74	-30.91	209	162	H
* 4.514	38.51	MAV1	32.5	-41	3.6	3.5	37.11	54	-16.89	-	-	209	162	H
* 4.924	53.01	PK2	33.2	-41.5	3.8	3.7	52.21	-	-	74	-21.79	10	130	H
* 4.924	34.25	MAV1	33.2	-41.5	3.8	3.7	33.45	54	-20.55	-	-	10	130	H
5.849	38.28	PK2	34.3	-40.1	4.1	4.1	40.68	-	-	74	-33.32	210	124	H
5.85	29.97	MAV1	34.3	-40.1	4.1	4.1	32.37	54	-21.63	-	-	210	124	H
* 11.944	34.57	PK2	39.5	-37.4	6.8	5.8	49.27	-	-	74	-24.73	315	113	H
* 11.944	25.39	MAV1	39.5	-37.4	6.8	5.8	40.09	54	-13.91	-	-	315	113	H
2.986	44.14	PK2	30.2	-42.4	2.9	2.8	37.64	-	-	74	-36.36	80	275	V
2.985	33.96	MAV1	30.2	-42.4	2.9	2.8	27.46	54	-26.54	-	-	80	275	V
* 3.693	52.38	PK2	32.1	-41.2	3.3	3.1	49.68	-	-	74	-24.32	280	273	V
* 3.694	43.41	MAV1	32.2	-41.2	3.3	3.1	40.81	54	-13.19	-	-	280	273	V
* 17.975	38.82	PK2	47.9	-37.8	7.7	7.3	63.92	-	-	74	-10.08	329	146	V
* 17.976	27.57	MAV1	47.9	-37.8	7.7	7.3	52.67	54	-1.33	-	-	329	146	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: High Channel – Data



Antenna 2: Low Channel - Plot

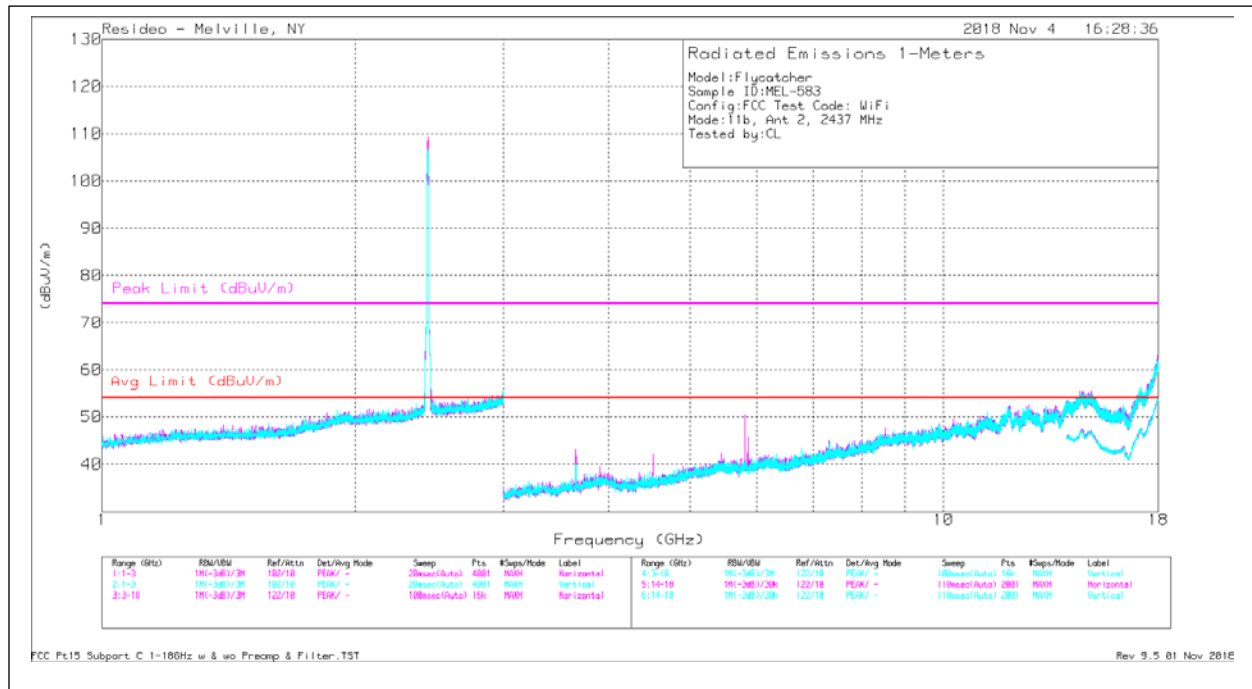
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.989	43.26	PK2	30.2	-42.5	2.9	2.8	36.66	-	-	74	-37.34	341	118	H
2.99	33.53	MAV1	30.2	-42.5	2.9	2.8	26.93	54	-27.07	-	-	341	118	H
* 3.618	46.07	PK2	31.8	-41.5	3.2	3.1	42.67	-	-	74	-31.33	211	103	H
* 3.619	35.21	MAV1	31.8	-41.5	3.2	3.1	31.81	54	-22.19	-	-	211	103	H
* 4.514	45.02	PK2	32.5	-41	3.6	3.5	43.62	-	-	74	-30.38	203	102	H
* 4.514	38.28	MAV1	32.5	-41	3.6	3.5	36.88	54	-17.12	-	-	203	102	H
5.831	40.33	PK2	34.3	-40.1	4.1	4.1	42.73	-	-	74	-31.27	312	149	H
5.829	30.28	MAV1	34.3	-40.1	4.1	4.1	32.68	54	-21.32	-	-	312	149	H
7.237	40.77	PK2	36.3	-39.6	4.7	4.5	46.67	-	-	74	-27.33	349	184	H
7.236	31.46	MAV1	36.3	-39.5	4.7	4.5	37.46	54	-16.54	-	-	349	184	H
* 17.998	37.15	PK2	47.9	-37.8	7.7	7.3	62.25	-	-	74	-11.75	156	303	H
* 17.998	26.7	MAV1	47.9	-37.8	7.7	7.3	51.8	54	-2.2	-	-	156	303	H
* 3.616	44.26	PK2	31.8	-41.5	3.2	3.1	40.86	-	-	74	-33.14	233	237	V
* 3.618	33.52	MAV1	31.8	-41.5	3.2	3.1	30.12	54	-23.88	-	-	233	237	V
7.236	40.3	PK2	36.3	-39.5	4.7	4.5	46.3	-	-	74	-27.7	144	122	V
7.236	30.78	MAV1	36.3	-39.5	4.7	4.5	36.78	54	-17.22	-	-	144	122	V
* 11.963	35.78	PK2	39.5	-37.4	6.7	5.7	50.28	-	-	74	-23.72	308	131	V
* 11.96	25.37	MAV1	39.5	-37.4	6.8	5.7	39.97	54	-14.03	-	-	308	131	V
* 17.996	39.12	PK2	47.9	-37.8	7.7	7.3	64.22	-	-	74	-9.78	214	216	V
* 17.998	27.57	MAV1	47.9	-37.8	7.7	7.3	52.67	54	-1.33	-	-	214	216	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Low Channel - Data



Antenna 2: Mid Channel - Plot

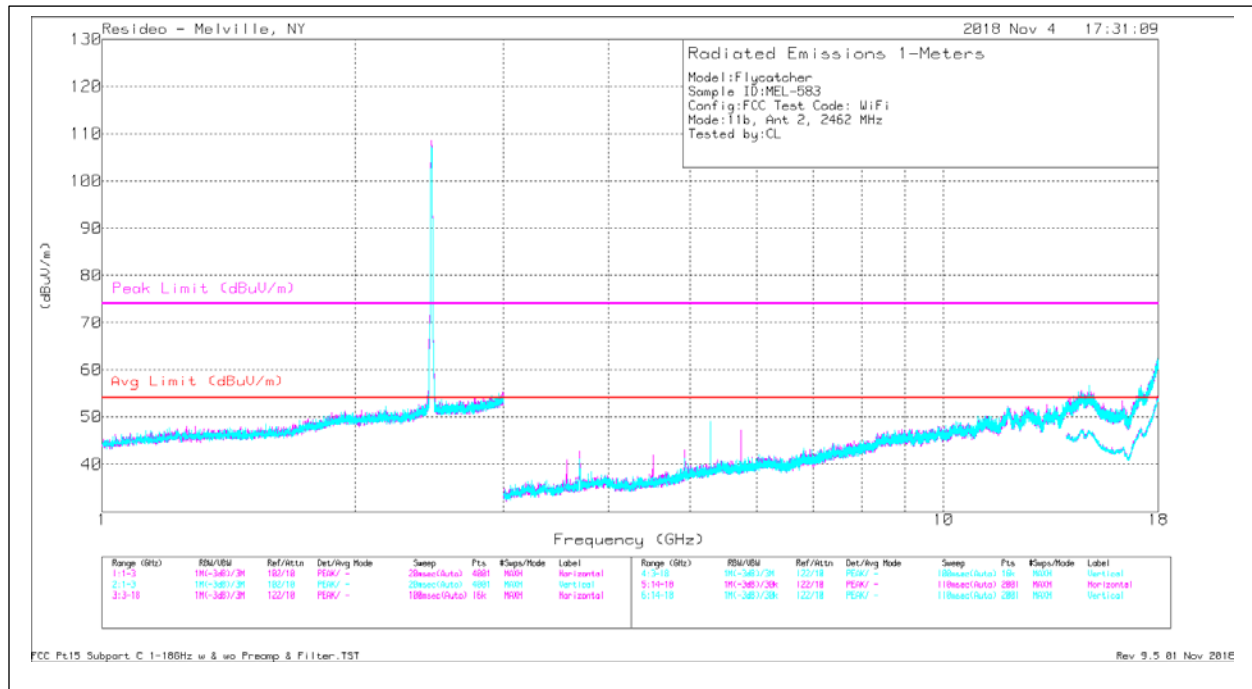
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3.001	46.05	PK2	30.3	-42.5	2.9	2.8	39.55	-	-	74	-34.45	296	178	H
3.004	34.11	MAV1	30.3	-42.5	2.9	2.8	27.61	54	-26.39	-	-	296	178	H
* 3.656	46.7	PK2	31.9	-41.5	3.2	3.1	43.4	-	-	74	-30.6	159	101	H
* 3.656	35.74	MAV1	31.9	-41.5	3.2	3.1	32.44	54	-21.56	-	-	159	101	H
* 4.514	45.44	PK2	32.5	-41	3.6	3.5	44.04	-	-	74	-29.96	205	241	H
* 4.514	39.3	MAV1	32.5	-41	3.6	3.5	37.9	54	-16.1	-	-	205	241	H
5.804	42.62	PK2	34.3	-40	4.1	4	45.02	-	-	74	-28.98	237	335	H
5.804	29.36	MAV1	34.3	-40	4.1	4	31.76	54	-22.24	-	-	237	335	H
* 17.973	38.98	PK2	47.9	-37.8	7.7	7.3	64.08	-	-	74	-9.92	57	213	H
* 17.974	27.65	MAV1	47.9	-37.8	7.7	7.3	52.75	54	-1.25	-	-	57	213	H
2.997	45.87	PK2	30.3	-42.5	2.9	2.8	39.37	-	-	74	-34.63	285	358	V
2.999	34.1	MAV1	30.3	-42.5	2.9	2.8	27.6	54	-26.4	-	-	285	358	V
* 3.655	43.57	PK2	31.9	-41.5	3.2	3.1	40.27	-	-	74	-33.73	224	348	V
* 3.657	35.25	MAV1	31.9	-41.4	3.2	3.1	32.05	54	-21.95	-	-	224	348	V
* 17.964	36.42	PK2	47.9	-37.8	7.7	7.3	61.52	-	-	74	-12.48	277	158	V
* 17.965	26.03	MAV1	47.9	-37.8	7.7	7.3	51.13	54	-2.87	-	-	277	158	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Mid Channel - Data



Antenna 2: High Channel - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.997	45.87	PK2	30.3	-42.5	2.9	2.8	39.37	-	-	74	-34.63	13	125	H
3	34.25	MAV1	30.3	-42.5	2.9	2.8	27.75	54	-26.25	-	-	13	125	H
* 3.692	42.71	PK2	32.1	-41.2	3.3	3.1	40.01	-	-	74	-33.99	213	134	H
* 3.693	34.09	MAV1	32.2	-41.2	3.3	3.1	31.49	54	-22.51	-	-	213	134	H
* 4.513	40.2	PK2	32.5	-41	3.6	3.5	38.8	-	-	74	-35.2	70	112	H
* 4.514	30.69	MAV1	32.5	-41	3.6	3.5	29.29	54	-24.71	-	-	70	112	H
* 4.925	45.53	PK2	33.2	-41.5	3.8	3.7	44.73	-	-	74	-29.27	277	386	H
* 4.924	30.5	MAV1	33.2	-41.5	3.8	3.7	29.7	54	-24.3	-	-	277	386	H
5.748	61.64	PK2	34.2	-39.9	4.1	4	64.04	-	-	74	-9.96	272	201	H
5.748	41.93	MAV1	34.2	-39.9	4.1	4	44.33	54	-9.67	-	-	272	201	H
* 17.963	36.64	PK2	47.9	-37.8	7.7	7.3	61.74	-	-	74	-12.26	225	245	H
* 17.963	27.14	MAV1	47.9	-37.8	7.7	7.3	52.24	54	-1.76	-	-	225	245	H
3.003	46.76	PK2	30.3	-42.5	2.9	2.8	40.26	-	-	74	-33.74	192	134	V
2.999	34.11	MAV1	30.3	-42.5	2.9	2.8	27.61	54	-26.39	-	-	192	134	V
* 3.693	41.34	PK2	32.2	-41.2	3.3	3.1	38.74	-	-	74	-35.26	45	207	V
* 3.695	32.24	MAV1	32.2	-41.2	3.3	3.1	29.64	54	-24.36	-	-	45	207	V
* 17.989	37.58	PK2	47.9	-37.8	7.7	7.3	62.68	-	-	74	-11.32	194	302	V
* 17.988	27.58	MAV1	47.9	-37.8	7.7	7.3	52.68	54	-1.32	-	-	194	302	V
5.287	39.88	PK2	34.1	-41.2	3.9	3.8	40.48	-	-	74	-33.52	142	293	V
5.287	29.95	MAV1	34.1	-41.2	3.9	3.8	30.55	54	-23.45	-	-	142	293	V

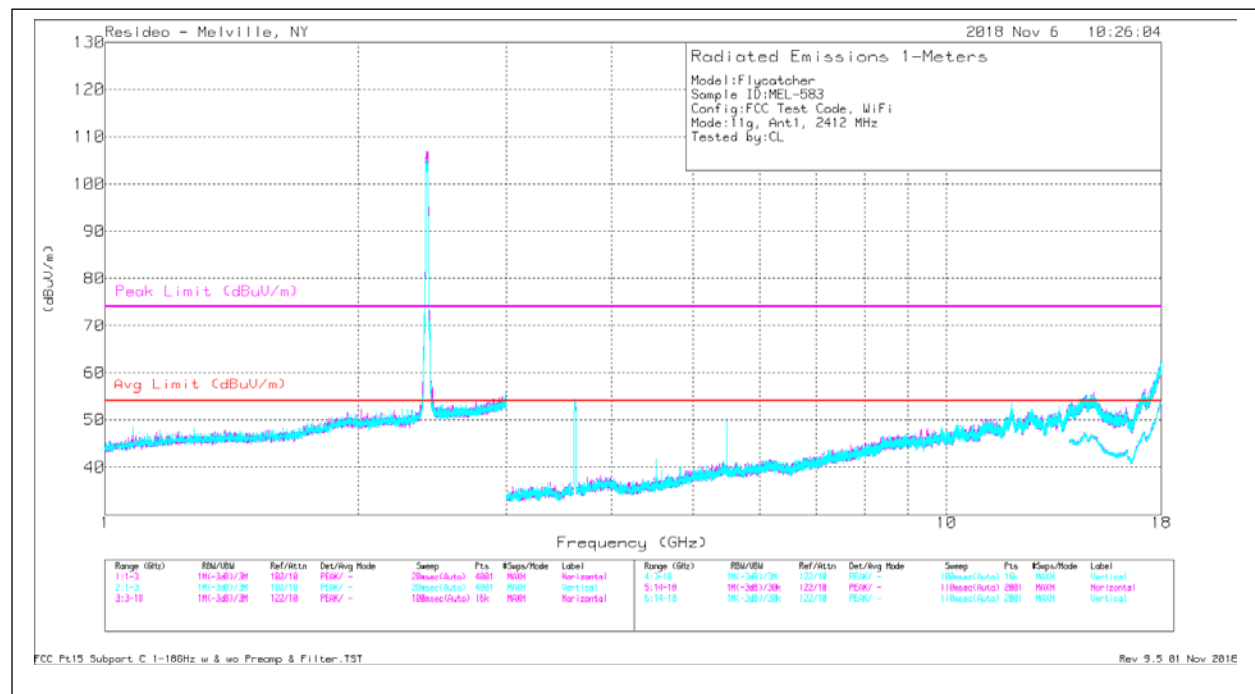
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: High Channel - Data

1-18GHz – 802.11g Mode



Antenna 1: Low Channel - Plot

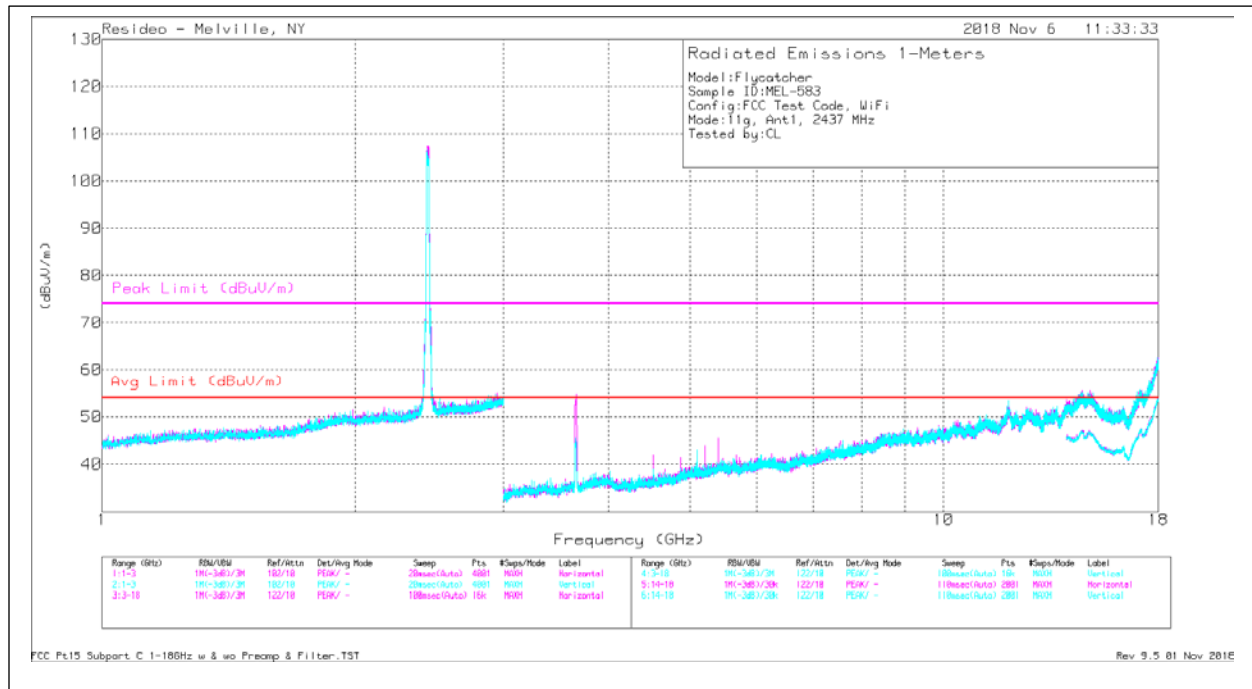
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.999	43.22	PK2	30.3	-42.5	2.9	2.8	36.72	-	-	74	-37.28	333	373	H
2.999	33.22	MAV1	30.3	-42.5	2.9	2.8	26.72	54	-27.28	-	-	333	373	H
* 3.614	54.16	PK2	31.8	-41.5	3.2	3.1	50.76	-	-	74	-23.24	186	193	H
* 3.615	46.04	MAV1	31.8	-41.5	3.2	3.1	42.64	54	-11.36	-	-	186	193	H
* 17.976	36.66	PK2	47.9	-37.8	7.7	7.3	61.76	-	-	74	-12.24	4	190	H
* 17.976	26.39	MAV1	47.9	-37.8	7.7	7.3	51.49	54	-2.51	-	-	4	190	H
2.999	43.27	PK2	30.3	-42.5	2.9	2.8	36.77	-	-	74	-37.23	252	325	V
3	33.65	MAV1	30.3	-42.5	2.9	2.8	27.15	54	-26.85	-	-	252	325	V
* 3.613	50.15	PK2	31.8	-41.5	3.2	3.1	46.75	-	-	74	-27.25	92	385	V
* 3.615	40.04	MAV1	31.8	-41.5	3.2	3.1	36.64	54	-17.36	-	-	92	385	V
* 4.514	41.37	PK2	32.5	-41	3.6	3.5	39.97	-	-	74	-34.03	22	119	V
* 4.514	33.59	MAV1	32.5	-41	3.6	3.5	32.19	54	-21.81	-	-	22	119	V
5.48	38.86	PK2	34.4	-40.8	4	3.8	40.26	-	-	74	-33.74	18	198	V
5.481	29.53	MAV1	34.4	-40.8	4	3.8	30.93	54	-23.07	-	-	18	198	V
* 12	35.42	PK2	39.4	-37.3	6.6	5.7	49.82	-	-	74	-24.18	38	149	V
* 12.002	25.49	MAV1	39.4	-37.3	6.6	5.7	39.89	54	-14.11	-	-	38	149	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Low Channel - Data



Antenna 1: Mid Channel - Plot

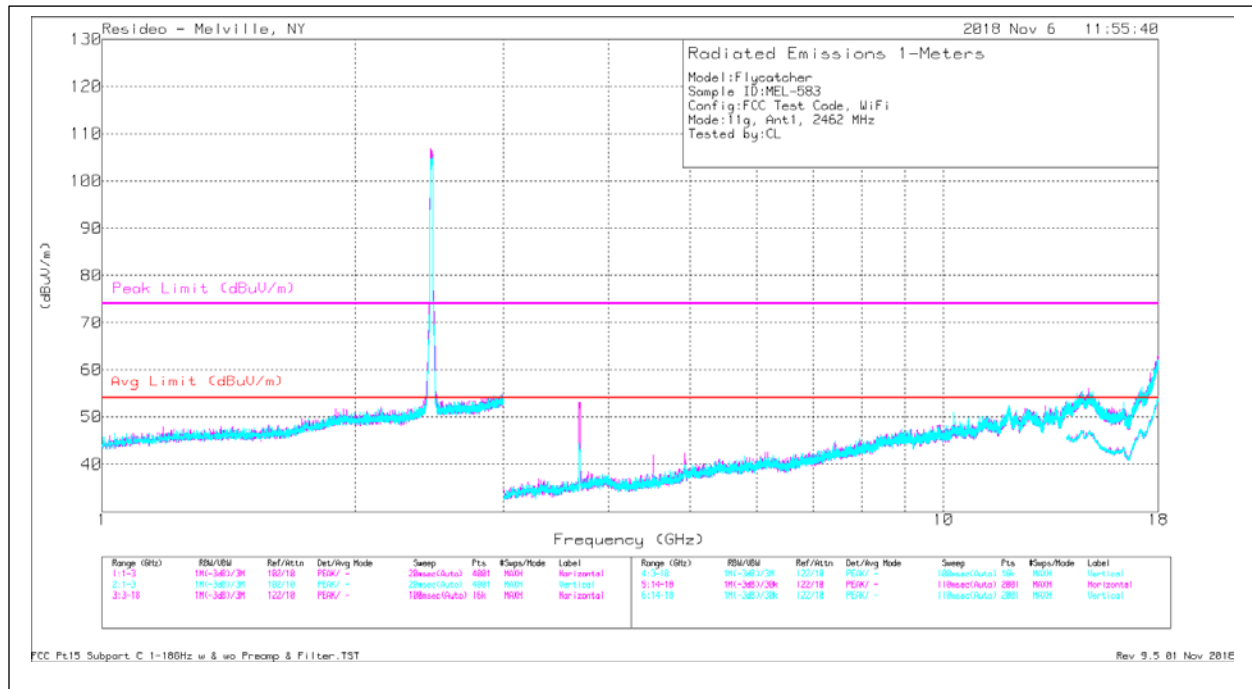
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	43.69	PK2	30.3	-42.5	2.9	2.8	37.19	-	-	74	-36.81	97	109	H
3.001	33.01	MAV1	30.3	-42.5	2.9	2.8	26.51	54	-27.49	-	-	97	109	H
* 3.658	52.06	PK2	31.9	-41.4	3.2	3.1	48.86	-	-	74	-25.14	187	252	H
* 3.658	43.75	MAV1	31.9	-41.4	3.2	3.1	40.55	54	-13.45	-	-	187	252	H
* 4.514	44.67	PK2	32.5	-41	3.6	3.5	43.27	-	-	74	-30.73	328	330	H
* 4.514	39.59	MAV1	32.5	-41	3.6	3.5	38.19	54	-15.81	-	-	328	330	H
* 5.399	39.03	PK2	34.3	-41.5	3.9	3.9	39.63	-	-	74	-34.37	68	368	H
* 5.395	29.69	MAV1	34.3	-41.4	3.9	3.9	30.39	54	-23.61	-	-	68	368	H
* 17.949	36.73	PK2	47.9	-37.8	7.7	7.3	61.83	-	-	74	-12.17	64	255	H
* 17.947	26.73	MAV1	47.9	-37.8	7.7	7.3	51.83	54	-2.17	-	-	64	255	H
3.002	43.02	PK2	30.3	-42.5	2.9	2.8	36.52	-	-	74	-37.48	262	259	V
2.998	33.71	MAV1	30.3	-42.5	2.9	2.8	27.21	54	-26.79	-	-	262	259	V
* 3.655	47.32	PK2	31.9	-41.5	3.2	3.1	44.02	-	-	74	-29.98	237	255	V
* 3.653	37.15	MAV1	31.9	-41.5	3.2	3.1	33.85	54	-20.15	-	-	237	255	V
* 5.092	42.63	PK2	33.8	-41.3	3.8	3.7	42.63	-	-	74	-31.37	270	290	V
* 5.086	31.43	MAV1	33.8	-41.3	3.8	3.7	31.43	54	-22.57	-	-	270	290	V
* 17.998	38.76	PK2	47.9	-37.8	7.7	7.3	63.86	-	-	74	-10.14	30	283	V
* 17.999	27.44	MAV1	47.9	-37.8	7.7	7.3	52.54	54	-1.46	-	-	30	283	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Mid Channel - Data



Antenna 1: High Channel - Plot

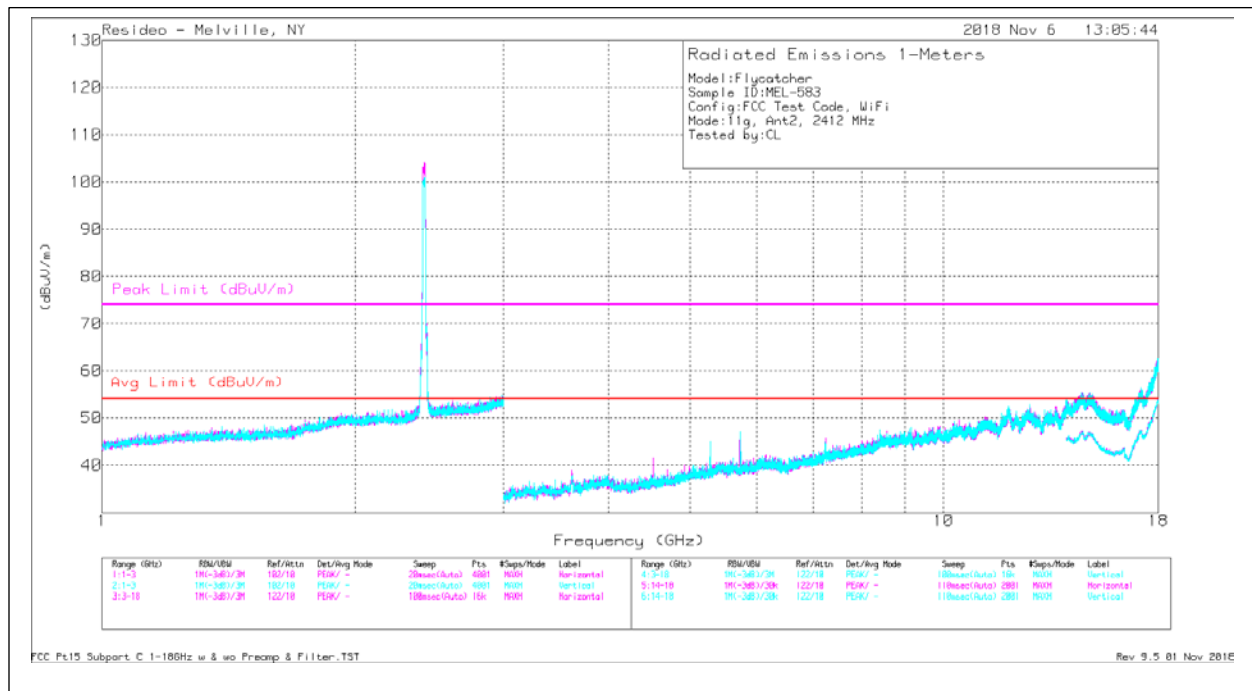
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.999	44.22	PK2	30.3	-42.5	2.9	2.8	37.72	-	-	74	-36.28	28	198	H
2.999	33.82	MAV1	30.3	-42.5	2.9	2.8	27.32	54	-26.68	-	-	28	198	H
* 3.693	50.62	PK2	32.2	-41.2	3.3	3.1	48.02	-	-	74	-25.98	185	395	H
* 3.695	42.24	MAV1	32.2	-41.2	3.3	3.1	39.64	54	-14.36	-	-	185	395	H
* 4.514	45.01	PK2	32.5	-41	3.6	3.5	43.61	-	-	74	-30.39	318	329	H
* 4.514	40.37	MAV1	32.5	-41	3.6	3.5	38.97	54	-15.03	-	-	318	329	H
* 4.925	54.56	PK2	33.2	-41.5	3.8	3.7	53.76	-	-	74	-20.24	129	112	H
* 4.925	36.8	MAV1	33.2	-41.5	3.8	3.7	36	54	-18	-	-	129	112	H
* 17.988	36.29	PK2	47.9	-37.8	7.7	7.3	61.39	-	-	74	-12.61	349	230	H
* 17.989	27.02	MAV1	47.9	-37.8	7.7	7.3	52.12	54	-1.88	-	-	349	230	H
3.001	43.31	PK2	30.3	-42.5	2.9	2.8	36.81	-	-	74	-37.19	245	175	V
3.001	33.22	MAV1	30.3	-42.5	2.9	2.8	26.72	54	-27.28	-	-	245	175	V
* 3.692	46.57	PK2	32.1	-41.2	3.3	3.1	43.87	-	-	74	-30.13	76	313	V
* 3.691	37.35	MAV1	32.1	-41.2	3.3	3.1	34.65	54	-19.35	-	-	76	313	V
10.267	36.24	PK2	38.4	-39.1	5.4	5.6	46.54	-	-	74	-27.46	37	169	V
10.269	25.49	MAV1	38.4	-39.1	5.4	5.6	35.79	54	-18.21	-	-	37	169	V
* 17.982	37.28	PK2	47.9	-37.8	7.7	7.3	62.38	-	-	74	-11.62	352	236	V
* 17.985	26.62	MAV1	47.9	-37.8	7.7	7.3	51.72	54	-2.28	-	-	352	236	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: High Channel - Data



Antenna 2: Low Channel - Plot

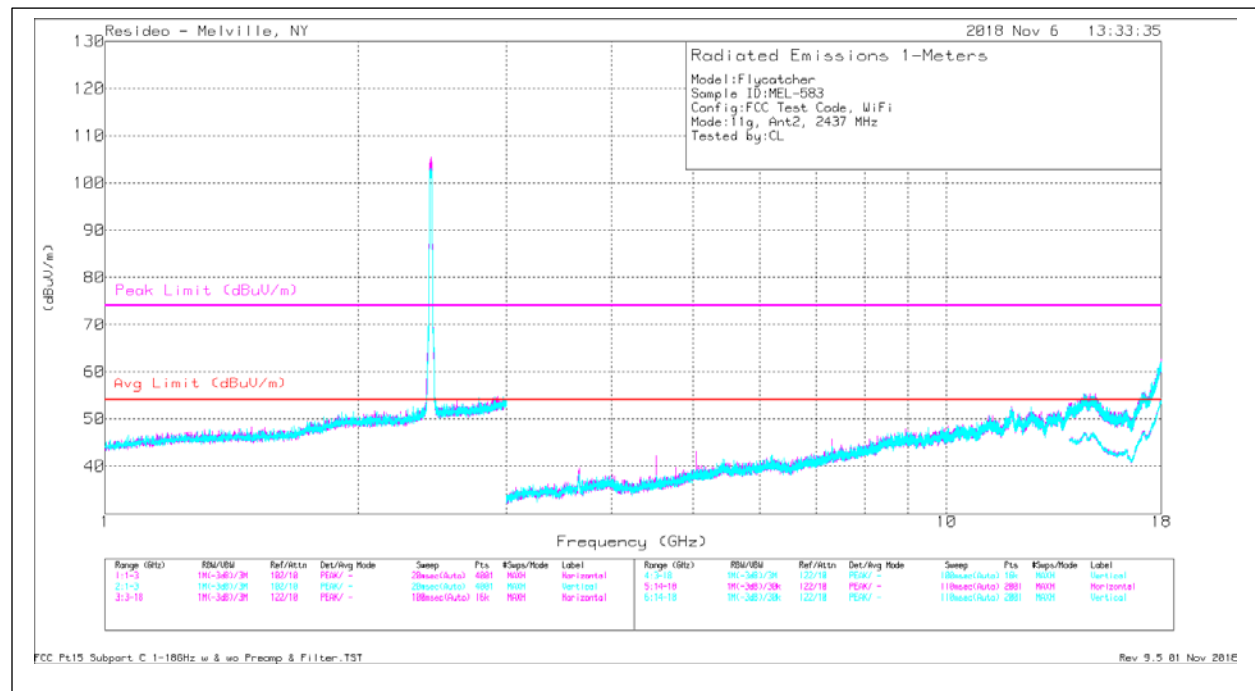
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3.002	42.98	PK2	30.3	-42.5	2.9	2.8	36.48	-	-	74	-37.52	226	331	H
2.999	33.25	MAV1	30.3	-42.5	2.9	2.8	26.75	54	-27.25	-	-	226	331	H
* 4.514	43.63	PK2	32.5	-41	3.6	3.5	42.23	-	-	74	-31.77	204	131	H
* 4.514	37.01	MAV1	32.5	-41	3.6	3.5	35.61	54	-18.39	-	-	204	131	H
5.723	39.49	PK2	34.2	-39.9	4.1	3.9	41.79	-	-	74	-32.21	74	116	H
5.723	28.76	MAV1	34.2	-39.9	4.1	3.9	31.06	54	-22.94	-	-	74	116	H
7.235	38.91	PK2	36.3	-39.5	4.7	4.5	44.91	-	-	74	-29.09	231	113	H
7.237	28.31	MAV1	36.3	-39.6	4.7	4.5	34.21	54	-19.79	-	-	231	113	H
* 17.939	36.97	PK2	47.9	-37.9	7.7	7.3	61.97	-	-	74	-12.03	208	387	H
* 17.938	26.97	MAV1	47.9	-37.9	7.7	7.3	51.97	54	-2.03	-	-	208	387	H
3.002	43.89	PK2	30.3	-42.5	2.9	2.8	37.39	-	-	74	-36.61	240	134	V
3.002	33.2	MAV1	30.3	-42.5	2.9	2.8	26.7	54	-27.3	-	-	240	134	V
5.278	40.16	PK2	34.1	-41.1	3.9	3.8	40.86	-	-	74	-33.14	193	348	V
5.277	30.57	MAV1	34.1	-41.1	3.9	3.8	31.27	54	-22.73	-	-	193	348	V
5.73	45.06	PK2	34.2	-39.9	4.1	3.9	47.36	-	-	74	-26.64	0	399	V
5.73	29.72	MAV1	34.2	-39.9	4.1	3.9	32.02	54	-21.98	-	-	0	399	V
7.228	41.28	PK2	36.3	-39.5	4.7	4.5	47.28	-	-	74	-26.72	6	200	V
7.228	28.34	MAV1	36.3	-39.5	4.7	4.5	34.34	54	-19.66	-	-	6	200	V
* 17.964	39.99	PK2	47.9	-37.8	7.7	7.3	65.09	-	-	74	-8.91	250	110	V
* 17.964	26.85	MAV1	47.9	-37.8	7.7	7.3	51.95	54	-2.05	-	-	250	110	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Low Channel - Data



Antenna 2: Mid Channel - Plot

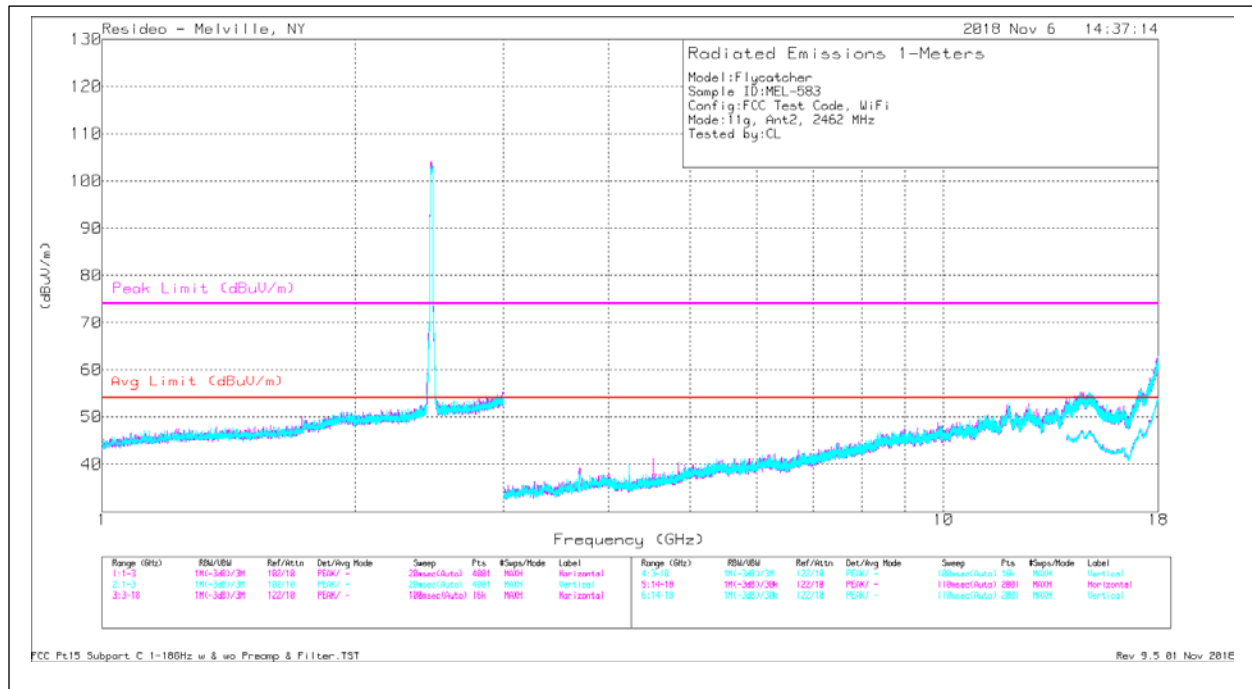
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.93	43.97	PK2	29.8	-42	2.9	2.8	37.47	-	-	74	-36.53	16	112	H
2.93	34.16	MAV1	29.8	-42	2.9	2.8	27.66	54	-26.34	-	-	16	112	H
* 4.514	44.08	PK2	32.5	-41	3.6	3.5	42.68	-	-	74	-31.32	198	223	H
* 4.514	38.78	MAV1	32.5	-41	3.6	3.5	37.38	54	-16.62	-	-	198	223	H
* 5.041	40.27	PK2	33.6	-41.5	3.8	3.7	39.87	-	-	74	-34.13	351	104	H
* 5.043	30.66	MAV1	33.6	-41.5	3.8	3.7	30.26	54	-23.74	-	-	351	104	H
* 7.302	37.34	PK2	36.6	-39.6	4.6	4.5	43.44	-	-	74	-30.56	10	102	H
* 7.302	27.85	MAV1	36.6	-39.6	4.6	4.5	33.95	54	-20.05	-	-	10	102	H
* 17.998	36.36	PK2	47.9	-37.8	7.7	7.3	61.46	-	-	74	-12.54	68	185	H
* 18	26.54	MAV1	47.9	-37.8	7.7	7.3	51.64	54	-2.36	-	-	68	185	H
* 2.781	43.39	PK2	29.1	-41.4	2.8	2.7	36.59	-	-	74	-37.41	28	162	V
* 2.779	33.9	MAV1	29.1	-41.4	2.8	2.7	27.1	54	-26.9	-	-	28	162	V
* 3.657	41.05	PK2	31.9	-41.4	3.2	3.1	37.85	-	-	74	-36.15	54	133	V
* 3.657	31.65	MAV1	31.9	-41.4	3.2	3.1	28.45	54	-25.55	-	-	54	133	V
* 11.94	35.05	PK2	39.5	-37.4	6.8	5.8	49.75	-	-	74	-24.25	332	170	V
* 11.94	25.19	MAV1	39.5	-37.4	6.8	5.8	39.89	54	-14.11	-	-	332	170	V
* 17.986	37.04	PK2	47.9	-37.8	7.7	7.3	62.14	-	-	74	-11.86	273	322	V
* 17.987	27.49	MAV1	47.9	-37.8	7.7	7.3	52.59	54	-1.41	-	-	273	322	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Mid Channel - Data



Antenna 2: High Channel – Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3.004	45.48	PK2	30.3	-42.5	2.9	2.8	38.98	-	-	74	-35.02	348	137	H
3	34	MAV1	30.3	-42.5	2.9	2.8	27.5	54	-26.5	-	-	348	137	H
* 4.514	41.29	PK2	32.5	-41	3.6	3.5	39.89	-	-	74	-34.11	76	311	H
* 4.514	33.13	MAV1	32.5	-41	3.6	3.5	31.73	54	-22.27	-	-	76	311	H
* 12.634	36.07	PK2	38.7	-37.1	6	6.1	49.77	-	-	74	-24.23	179	103	H
* 12.637	26.52	MAV1	38.7	-37.1	6	6.1	40.22	54	-13.78	-	-	179	103	H
* 17.972	38.62	PK2	47.9	-37.8	7.7	7.3	63.72	-	-	74	-10.28	240	178	H
* 17.971	27.55	MAV1	47.9	-37.8	7.7	7.3	52.65	54	-1.35	-	-	240	178	H
* 4.229	41.08	PK2	32.3	-40.7	3.5	3.4	39.58	-	-	74	-34.42	209	174	V
* 4.232	30.48	MAV1	32.3	-40.7	3.5	3.4	28.98	54	-25.02	-	-	209	174	V
* 11.949	34.55	PK2	39.5	-37.4	6.8	5.8	49.25	-	-	74	-24.75	107	112	V
* 11.952	25.37	MAV1	39.5	-37.4	6.8	5.8	40.07	54	-13.93	-	-	107	112	V
* 17.984	39.44	PK2	47.9	-37.8	7.7	7.3	64.54	-	-	74	-9.46	197	268	V
* 17.984	27.54	MAV1	47.9	-37.8	7.7	7.3	52.64	54	-1.36	-	-	197	268	V
2.951	42.8	PK2	30	-42.2	2.9	2.8	36.3	-	-	74	-37.7	78	160	V
2.952	33.13	MAV1	30	-42.2	2.9	2.8	26.63	54	-27.37	-	-	78	160	V

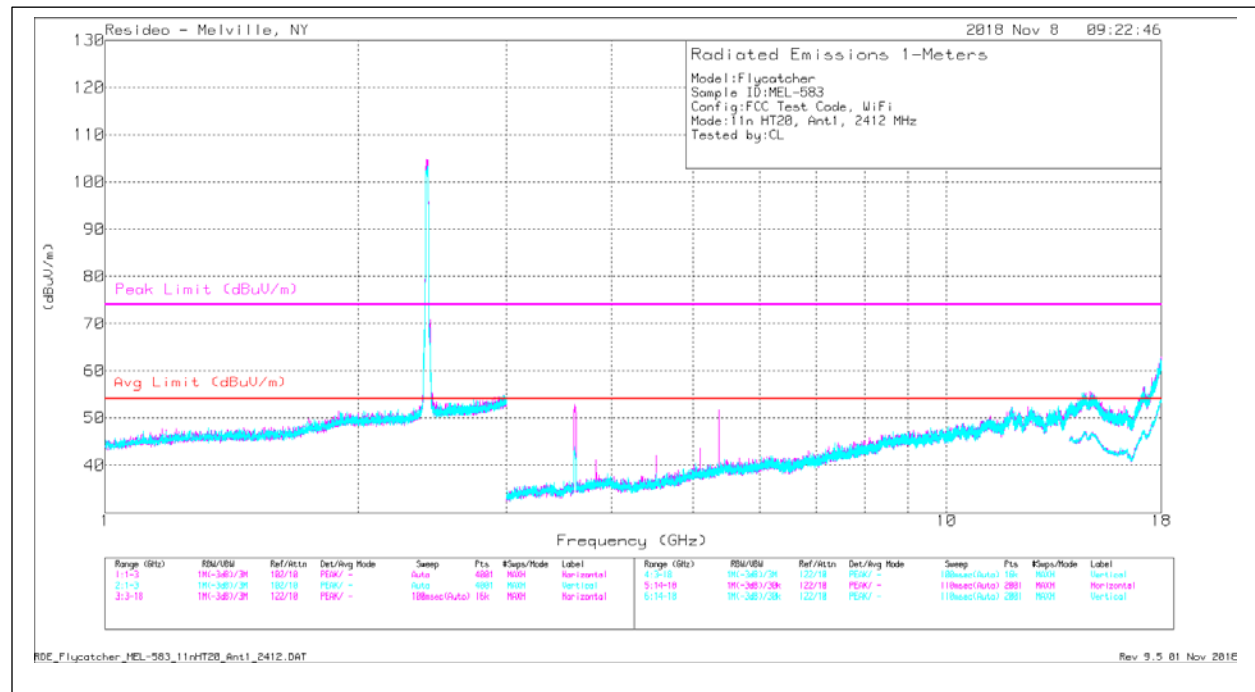
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Sxwmm RMS Average

Antenna 2: High Channel - Data

1-18GHz – 802.11n HT20 Mode



Antenna 1: Low Channel - Plot

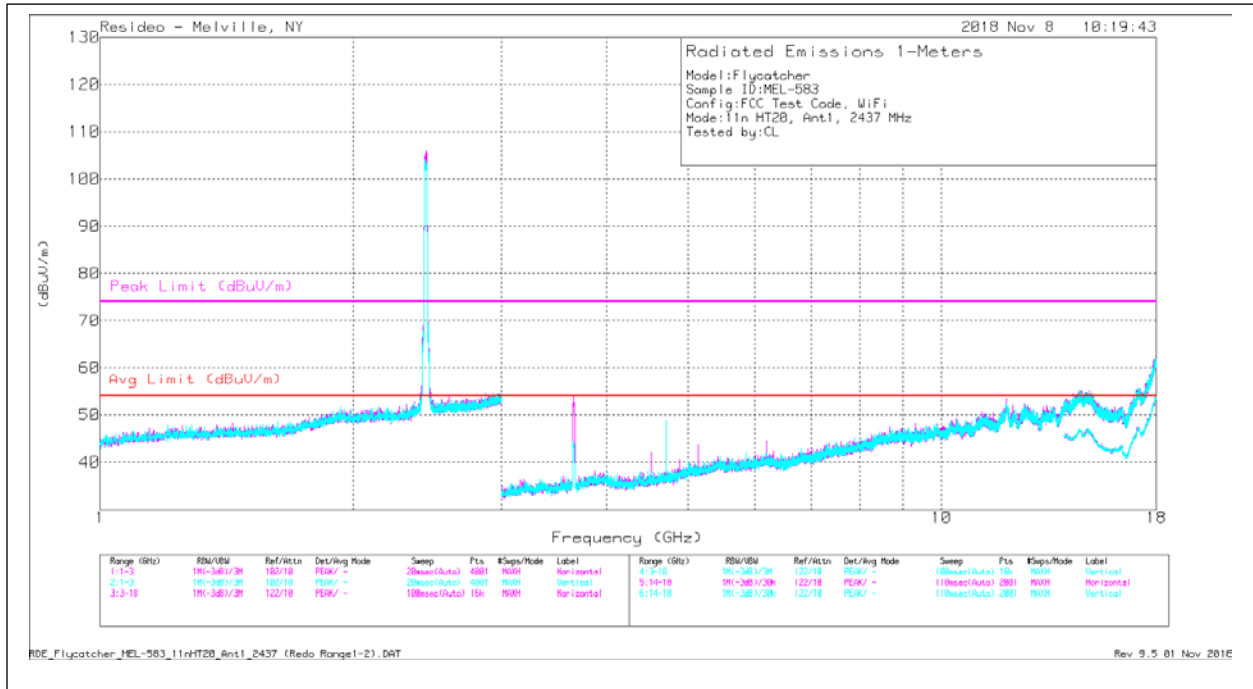
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.616	54.25	PK2	31.8	-41.5	3.2	3.1	50.85	-	-	74	-23.15	209	203	H
* 3.617	43.57	MAV1	31.8	-41.5	3.2	3.1	40.17	54	-13.83	-	-	209	203	H
* 5.369	42.51	PK2	34.3	-41.4	3.9	3.8	43.11	-	-	74	-30.89	309	160	H
* 5.37	30.51	MAV1	34.3	-41.4	3.9	3.8	31.11	54	-22.89	-	-	309	160	H
2.998	41.62	PK2	30.3	-42.5	2.9	2.8	35.12	-	-	74	-38.88	111	252	H
3	33.34	MAV1	30.3	-42.5	2.9	2.8	26.84	54	-27.16	-	-	111	252	H
* 18	36.72	PK2	47.9	-37.8	7.7	7.3	61.82	-	-	74	-12.18	167	213	H
* 18	26.68	MAV1	47.9	-37.8	7.7	7.3	51.78	54	-2.22	-	-	167	213	H
2.996	65.68	PK2	30.3	-42.5	2.9	2.8	59.18	-	-	74	-14.82	336	373	V
3.005	34.07	MAV1	30.3	-42.5	2.9	2.8	27.57	54	-26.43	-	-	336	373	V
* 3.61	43.87	PK2	31.8	-41.5	3.2	3.1	40.47	-	-	74	-33.53	141	161	V
* 3.61	34.91	MAV1	31.8	-41.5	3.2	3.1	31.51	54	-22.49	-	-	141	161	V
* 11.97	35.6	PK2	39.5	-37.4	6.7	5.7	50.1	-	-	74	-23.9	149	366	V
* 11.97	25.25	MAV1	39.5	-37.4	6.7	5.7	39.75	54	-14.25	-	-	149	366	V
* 17.954	36.39	PK2	47.9	-37.8	7.7	7.3	61.49	-	-	74	-12.51	40	194	V
* 17.954	26.54	MAV1	47.9	-37.8	7.7	7.3	51.64	54	-2.36	-	-	40	194	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Low Channel - Data



Antenna 1: Mid Channel - Plot

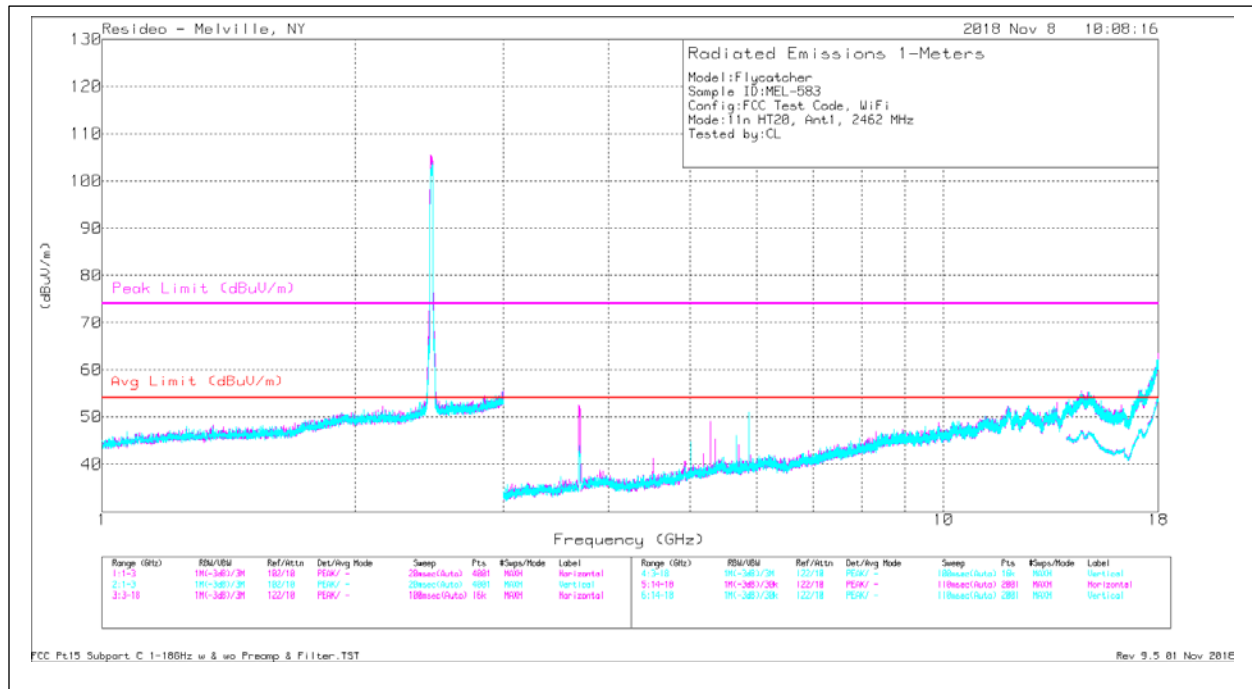
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	43.52	PK2	30.3	-42.5	2.9	2.8	37.02	-	-	74	-36.98	194	318	H
3	33.46	MAV1	30.3	-42.5	2.9	2.8	26.96	54	-27.04	-	-	194	318	H
* 3.654	49.77	PK2	31.9	-41.5	3.2	3.1	46.47	-	-	74	-27.53	189	373	H
* 3.654	41.43	MAV1	31.9	-41.5	3.2	3.1	38.13	54	-15.87	-	-	189	373	H
6.197	39.09	PK2	34.9	-39.5	4.2	4.1	42.79	-	-	74	-31.21	106	190	H
6.198	28.83	MAV1	34.9	-39.5	4.2	4.1	32.53	54	-21.47	-	-	106	190	H
* 17.969	39.1	PK2	47.9	-37.8	7.7	7.3	64.2	-	-	74	-9.8	50	334	H
* 17.969	27.24	MAV1	47.9	-37.8	7.7	7.3	52.34	54	-1.66	-	-	50	334	H
* 2.874	42.55	PK2	29.4	-41.6	2.9	2.8	36.05	-	-	74	-37.95	188	219	V
* 2.873	32.95	MAV1	29.4	-41.6	2.9	2.8	26.45	54	-27.55	-	-	188	219	V
* 3.649	45.7	PK2	31.9	-41.5	3.2	3.1	42.4	-	-	74	-31.6	104	329	V
* 3.648	36.8	MAV1	31.9	-41.5	3.2	3.1	33.5	54	-20.5	-	-	104	329	V
* 4.702	39.95	PK2	32.8	-41.1	3.7	3.5	38.85	-	-	74	-35.15	231	352	V
* 4.702	29.48	MAV1	32.8	-41.1	3.7	3.5	28.38	54	-25.62	-	-	231	352	V
* 17.956	37.34	PK2	47.9	-37.8	7.7	7.3	62.44	-	-	74	-11.56	321	100	V
* 17.957	26.18	MAV1	47.9	-37.8	7.7	7.3	51.28	54	-2.72	-	-	321	100	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Mid Channel - Data



Antenna 1: High Channel - Plot

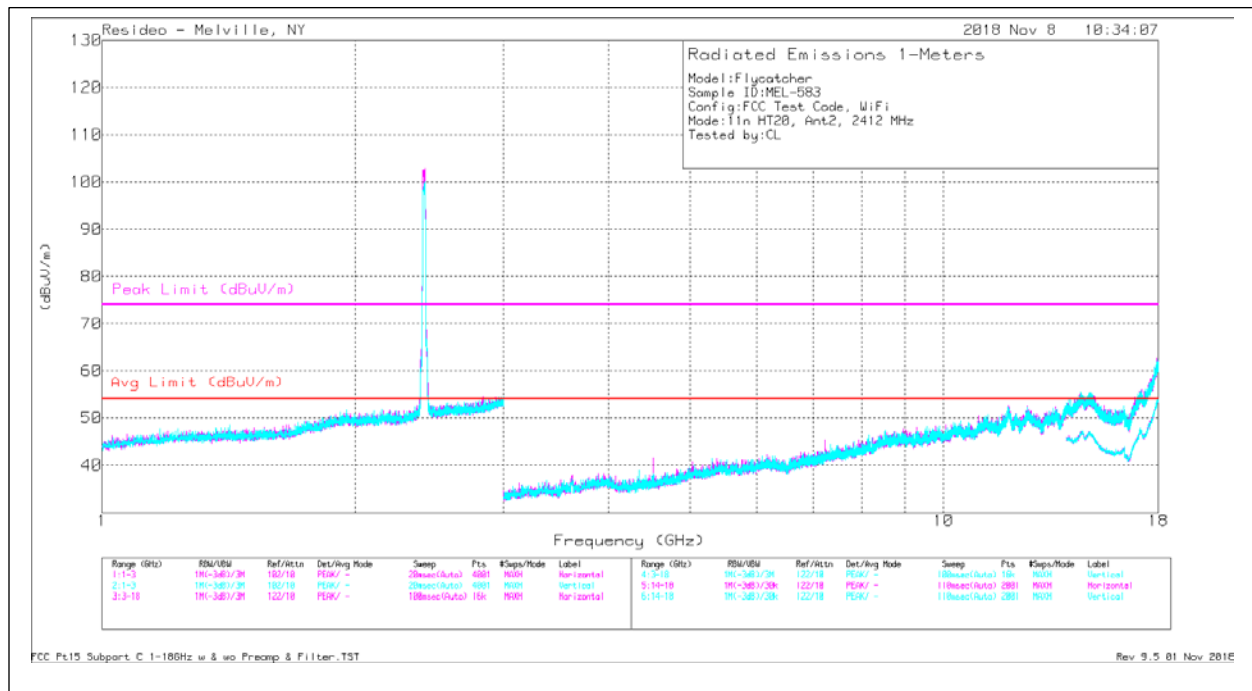
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.997	55.02	PK2	30.3	-42.5	2.9	2.8	48.52	-	-	74	-25.48	203	141	H
2.995	33.66	MAV1	30.3	-42.5	2.9	2.8	27.16	54	-26.84	-	-	203	141	H
* 3.665	40.18	PK2	32	-41.4	3.2	3.1	37.08	-	-	74	-36.92	339	108	H
* 3.664	30.54	MAV1	32	-41.4	3.2	3.1	27.44	54	-26.56	-	-	339	108	H
5.285	39.8	PK2	34.1	-41.2	3.9	3.8	40.4	-	-	74	-33.6	11	221	H
5.281	30.19	MAV1	34.1	-41.2	3.9	3.8	30.79	54	-23.21	-	-	11	221	H
* 17.952	36.67	PK2	47.9	-37.8	7.7	7.3	61.77	-	-	74	-12.23	108	285	H
* 17.95	26.95	MAV1	47.9	-37.8	7.7	7.3	52.05	54	-1.95	-	-	108	285	H
3	43.45	PK2	30.3	-42.5	2.9	2.8	36.95	-	-	74	-37.05	241	189	V
2.998	33.35	MAV1	30.3	-42.5	2.9	2.8	26.85	54	-27.15	-	-	241	189	V
* 3.7	46.99	PK2	32.2	-41.1	3.3	3.2	44.59	-	-	74	-29.41	277	389	V
* 3.7	37.83	MAV1	32.2	-41.1	3.3	3.2	35.43	54	-18.57	-	-	277	389	V
5.873	38.73	PK2	34.4	-40.1	4.2	4.1	41.33	-	-	74	-32.67	318	399	V
5.876	29.26	MAV1	34.4	-40.1	4.2	4.1	31.86	54	-22.14	-	-	318	399	V
* 17.965	38.01	PK2	47.9	-37.8	7.7	7.3	63.11	-	-	74	-10.89	78	377	V
* 17.968	26.97	MAV1	47.9	-37.8	7.7	7.3	52.07	54	-1.93	-	-	78	377	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: High Channel - Data



Antenna 2: Low Channel - Plot

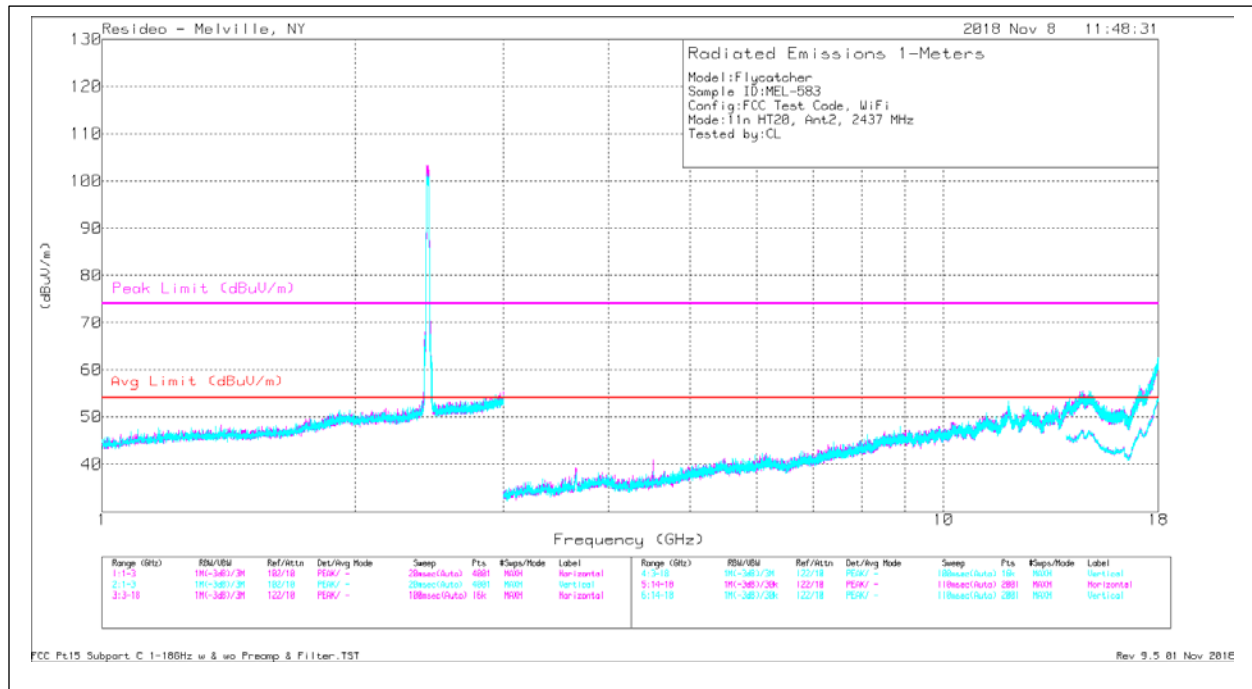
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.832	43.53	PK2	29.2	-41.5	2.8	2.7	36.73	-	-	74	-37.27	46	123	H
* 2.832	32.83	MAV1	29.2	-41.5	2.8	2.7	26.03	54	-27.97	-	-	46	123	H
* 4.514	42.8	PK2	32.5	-41	3.6	3.5	41.4	-	-	74	-32.6	191	120	H
* 4.514	36.35	MAV1	32.5	-41	3.6	3.5	34.95	54	-19.05	-	-	191	120	H
* 11.932	36.27	PK2	39.5	-37.4	6.9	5.8	51.07	-	-	74	-22.93	112	397	H
* 11.933	25.43	MAV1	39.5	-37.4	6.9	5.8	40.23	54	-13.77	-	-	112	397	H
* 17.963	36.82	PK2	47.9	-37.8	7.7	7.3	61.92	-	-	74	-12.08	2	177	H
* 17.965	26.74	MAV1	47.9	-37.8	7.7	7.3	51.84	54	-2.16	-	-	2	177	H
3.001	43.29	PK2	30.3	-42.5	2.9	2.8	36.79	-	-	74	-37.21	141	109	V
2.999	33.04	MAV1	30.3	-42.5	2.9	2.8	26.54	54	-27.46	-	-	141	109	V
5.306	45	PK2	34.2	-41.2	4	3.8	45.8	-	-	74	-28.2	234	399	V
5.307	30.53	MAV1	34.2	-41.2	4	3.8	31.33	54	-22.67	-	-	234	399	V
* 12.626	36.12	PK2	38.7	-37.1	6	6.1	49.82	-	-	74	-24.18	96	278	V
* 12.626	26.74	MAV1	38.7	-37.1	6	6.1	40.44	54	-13.56	-	-	96	278	V
* 17.958	36.93	PK2	47.9	-37.8	7.7	7.3	62.03	-	-	74	-11.97	15	197	V
* 17.962	26.66	MAV1	47.9	-37.8	7.7	7.3	51.76	54	-2.24	-	-	15	197	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Low Channel - Data



Antenna 2: Mid Channel - Plot

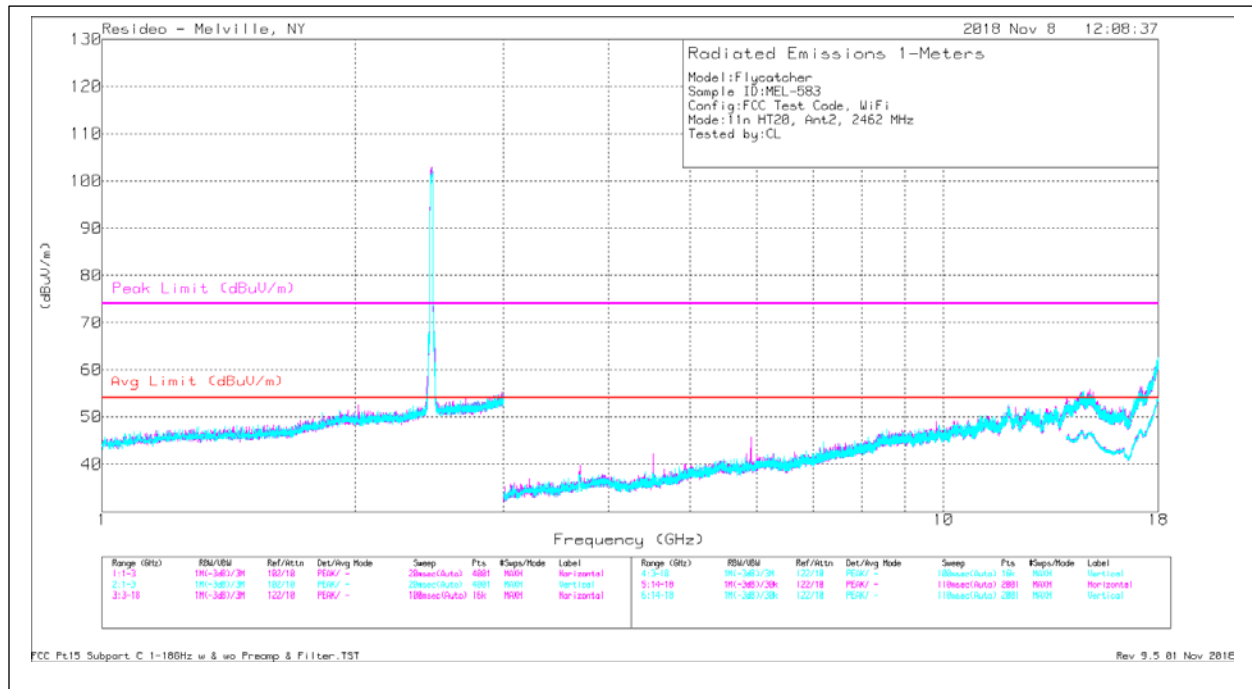
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	41.85	PK2	30.3	-42.5	2.9	2.8	35.35	-	-	74	-38.65	353	133	H
3	32.54	MAV1	30.3	-42.5	2.9	2.8	26.04	54	-27.96	-	-	353	133	H
* 3.663	42.11	PK2	32	-41.4	3.2	3.1	39.01	-	-	74	-34.99	124	184	H
* 3.661	31.26	MAV1	32	-41.4	3.2	3.1	28.16	54	-25.84	-	-	124	184	H
* 4.514	52.8	PK2	32.5	-41	3.6	3.5	51.4	-	-	74	-22.6	76	235	H
* 4.514	31.67	MAV1	32.5	-41	3.6	3.5	30.27	54	-23.73	-	-	76	235	H
* 17.999	38.01	PK2	47.9	-37.8	7.7	7.3	63.11	-	-	74	-10.89	123	310	H
* 17.999	25.85	MAV1	47.9	-37.8	7.7	7.3	50.95	54	-3.05	-	-	123	310	H
2.933	43.17	PK2	29.8	-42	2.9	2.8	36.67	-	-	74	-37.33	39	242	V
2.935	33.33	MAV1	29.8	-42	2.9	2.8	26.83	54	-27.17	-	-	39	242	V
8.875	35.4	PK2	37.8	-38.9	5.3	5.1	44.7	-	-	74	-29.3	287	118	V
8.873	25.89	MAV1	37.8	-38.9	5.3	5.1	35.19	54	-18.81	-	-	287	118	V
* 11.945	35.82	PK2	39.5	-37.4	6.8	5.8	50.52	-	-	74	-23.48	258	218	V
* 11.947	24.93	MAV1	39.5	-37.4	6.8	5.8	39.63	54	-14.37	-	-	258	218	V
* 17.943	36.76	PK2	47.9	-37.9	7.7	7.3	61.76	-	-	74	-12.24	151	383	V
* 17.945	26.81	MAV1	47.9	-37.9	7.7	7.3	51.81	54	-2.19	-	-	151	383	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Mid Channel - Data



Antenna 2: High Channel - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	43.07	PK2	30.3	-42.5	2.9	2.8	36.57	-	-	74	-37.43	37	221	H
3	33.73	MAV1	30.3	-42.5	2.9	2.8	27.23	54	-26.77	-	-	37	221	H
* 4.514	43.06	PK2	32.5	-41	3.6	3.5	41.66	-	-	74	-32.34	204	117	H
* 4.514	36.98	MAV1	32.5	-41	3.6	3.5	35.58	54	-18.42	-	-	204	117	H
5.907	38.85	PK2	34.5	-40	4.2	4	41.55	-	-	74	-32.45	55	347	H
5.911	29.17	MAV1	34.5	-40	4.2	4	31.87	54	-22.13	-	-	55	347	H
* 17.998	36.54	PK2	47.9	-37.8	7.7	7.3	61.64	-	-	74	-12.36	357	233	H
* 17.998	26.6	MAV1	47.9	-37.8	7.7	7.3	51.7	54	-2.3	-	-	357	233	H
2.998	43.65	PK2	30.3	-42.5	2.9	2.8	37.15	-	-	74	-36.85	172	132	V
2.998	32.72	MAV1	30.3	-42.5	2.9	2.8	26.22	54	-27.78	-	-	172	132	V
* 3.694	39.94	PK2	32.2	-41.2	3.3	3.1	37.34	-	-	74	-36.66	113	122	V
* 3.694	30.27	MAV1	32.2	-41.2	3.3	3.1	27.67	54	-26.33	-	-	113	122	V
* 11.944	34.85	PK2	39.5	-37.4	6.8	5.8	49.55	-	-	74	-24.45	310	116	V
* 11.945	24.57	MAV1	39.5	-37.4	6.8	5.8	39.27	54	-14.73	-	-	310	116	V
* 17.987	37.29	PK2	47.9	-37.8	7.7	7.3	62.39	-	-	74	-11.61	208	175	V
* 17.988	26.54	MAV1	47.9	-37.8	7.7	7.3	51.64	54	-2.36	-	-	208	175	V

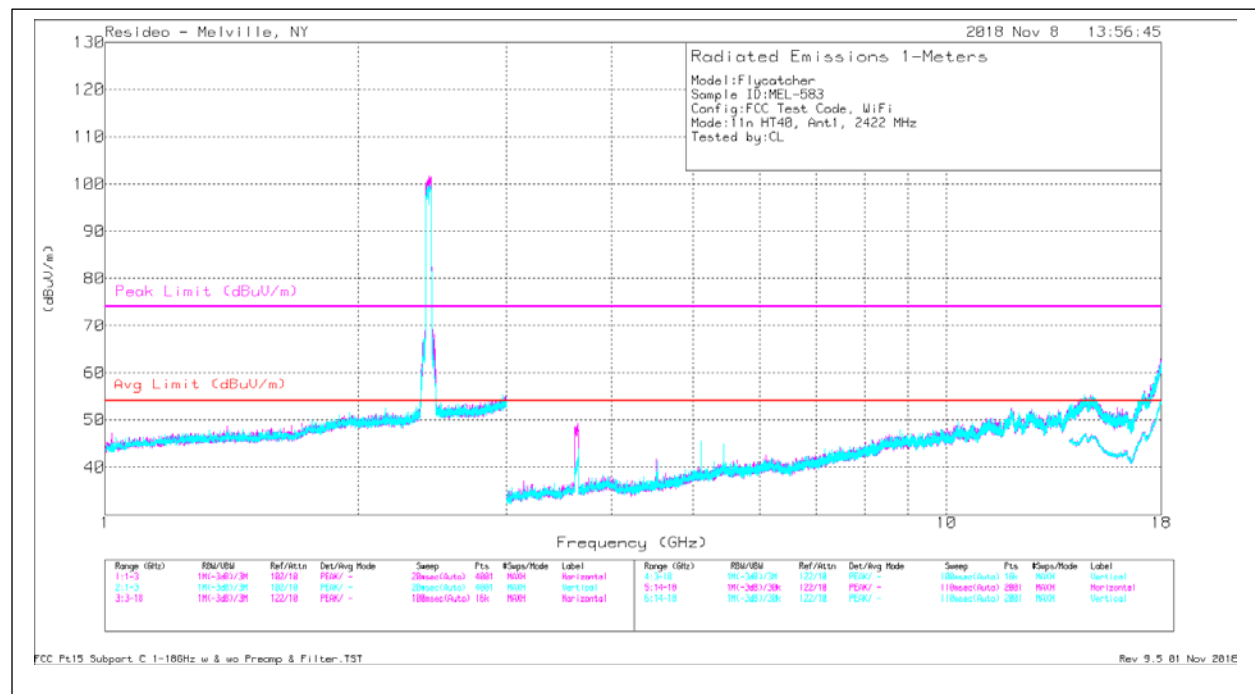
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: High Channel - Data

1-18GHz – 802.11n HT40 Mode



Antenna 1: Low Channel - Plot

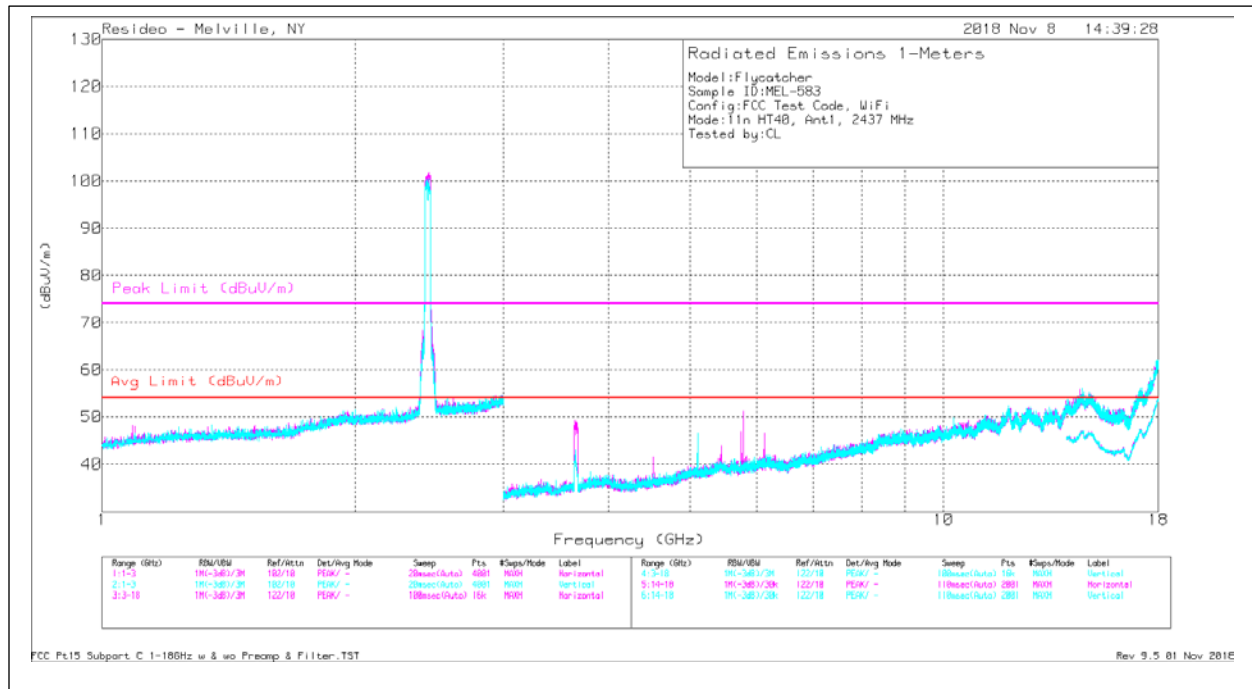
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.646	41.22	PK2	31.9	-41.5	3.2	3.1	-	37.92	-	-	74	-36.08	176	340	H
* 3.645	31.03	MAV1	31.9	-41.5	3.2	3.1	0.1	27.83	54	-26.17	-	-	176	340	H
2.984	44.44	PK2	30.2	-42.4	2.9	2.8	-	37.94	-	-	74	-36.06	13	210	H
2.985	34.3	MAV1	30.2	-42.4	2.9	2.8	0.1	27.9	54	-26.1	-	-	13	210	H
* 4.514	44.32	PK2	32.5	-41	3.6	3.5	-	42.92	-	-	74	-31.08	208	163	H
* 4.514	38.42	MAV1	32.5	-41	3.6	3.5	0.1	37.12	54	-16.88	-	-	208	163	H
* 18	36.94	PK2	47.9	-37.8	7.7	7.3	-	62.04	-	-	74	-11.96	89	388	H
* 17.997	26.52	MAV1	47.9	-37.8	7.7	7.3	0.1	51.72	54	-2.28	-	-	89	388	H
2.971	43.86	PK2	30.1	-42.3	2.9	2.8	-	37.36	-	-	74	-36.64	3	124	V
2.968	33.48	MAV1	30.1	-42.3	2.9	2.8	0.1	27.08	54	-26.92	-	-	3	124	V
* 3.649	41.54	PK2	31.9	-41.5	3.2	3.1	-	38.24	-	-	74	-35.76	25	152	V
* 3.648	31.07	MAV1	31.9	-41.5	3.2	3.1	0.1	27.87	54	-26.13	-	-	25	152	V
* 5.103	39.54	PK2	33.8	-41.3	3.8	3.7	-	39.54	-	-	74	-34.46	317	143	V
* 5.101	30.85	MAV1	33.8	-41.3	3.8	3.7	0.1	30.95	54	-23.05	-	-	317	143	V
* 17.99	39.13	PK2	47.9	-37.8	7.7	7.3	-	64.23	-	-	74	-9.77	307	276	V
* 17.99	27.56	MAV1	47.9	-37.8	7.7	7.3	0.1	52.76	54	-1.24	-	-	307	276	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Low Channel - Data



Antenna 1: Mid Channel - Plot

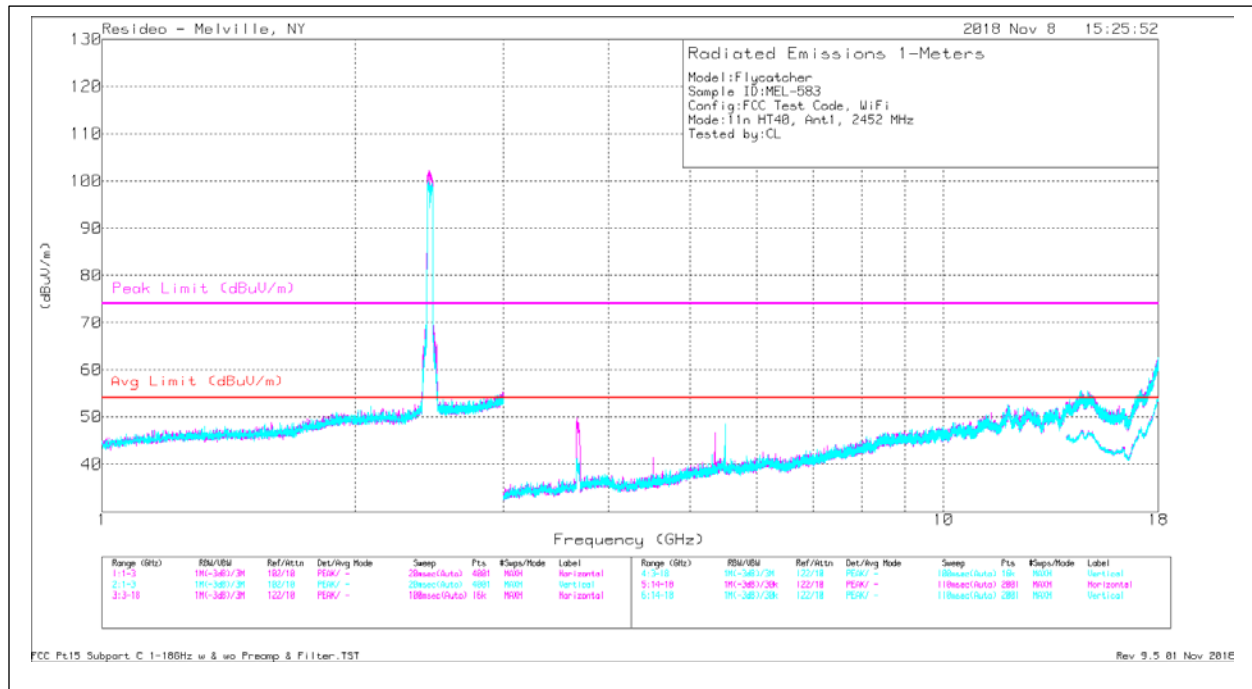
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.968	43.84	PK2	30.1	-42.3	2.9	2.8	-	37.34	-	-	74	-36.66	242	163	H
2.969	33.74	MAV1	30.1	-42.3	2.9	2.8	0.1	27.34	54	-26.66	-	-	242	163	H
5.779	33.06	PK2	34.2	-40	4	4	-	35.26	-	-	74	-38.74	67	296	H
5.778	23.1	MAV1	34.2	-40	4	4	0.1	25.4	54	-28.6	-	-	67	296	H
* 17.978	36.11	PK2	47.9	-37.8	7.7	7.3	-	61.21	-	-	74	-12.79	11	308	H
* 17.978	26.52	MAV1	47.9	-37.8	7.7	7.3	0.1	51.72	54	-2.28	-	-	11	308	H
* 3.644	43.99	PK2	31.9	-41.5	3.2	3.1	-	40.69	-	-	74	-33.31	135	259	H
* 3.646	35.02	MAV1	31.9	-41.5	3.2	3.1	0.1	31.82	54	-22.18	-	-	135	259	H
2.992	43.38	PK2	30.2	-42.5	2.9	2.8	-	36.78	-	-	74	-37.22	107	147	V
2.992	33.61	MAV1	30.2	-42.5	2.9	2.8	0.1	27.11	54	-26.89	-	-	107	147	V
* 3.654	43	PK2	31.9	-41.5	3.2	3.1	-	39.7	-	-	74	-34.3	50	283	V
* 3.654	32.3	MAV1	31.9	-41.5	3.2	3.1	0.1	29.1	54	-24.9	-	-	50	283	V
* 5.101	40.09	PK2	33.8	-41.3	3.8	3.7	-	40.09	-	-	74	-33.91	359	328	V
* 5.101	30.26	MAV1	33.8	-41.3	3.8	3.7	0.1	30.36	54	-23.64	-	-	359	328	V
* 17.975	35.86	PK2	47.9	-37.8	7.7	7.3	-	60.96	-	-	74	-13.04	164	111	V
* 17.975	26.87	MAV1	47.9	-37.8	7.7	7.3	0.1	52.07	54	-1.93	-	-	164	111	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Mid Channel - Data



Antenna 1: High Channel - Plot

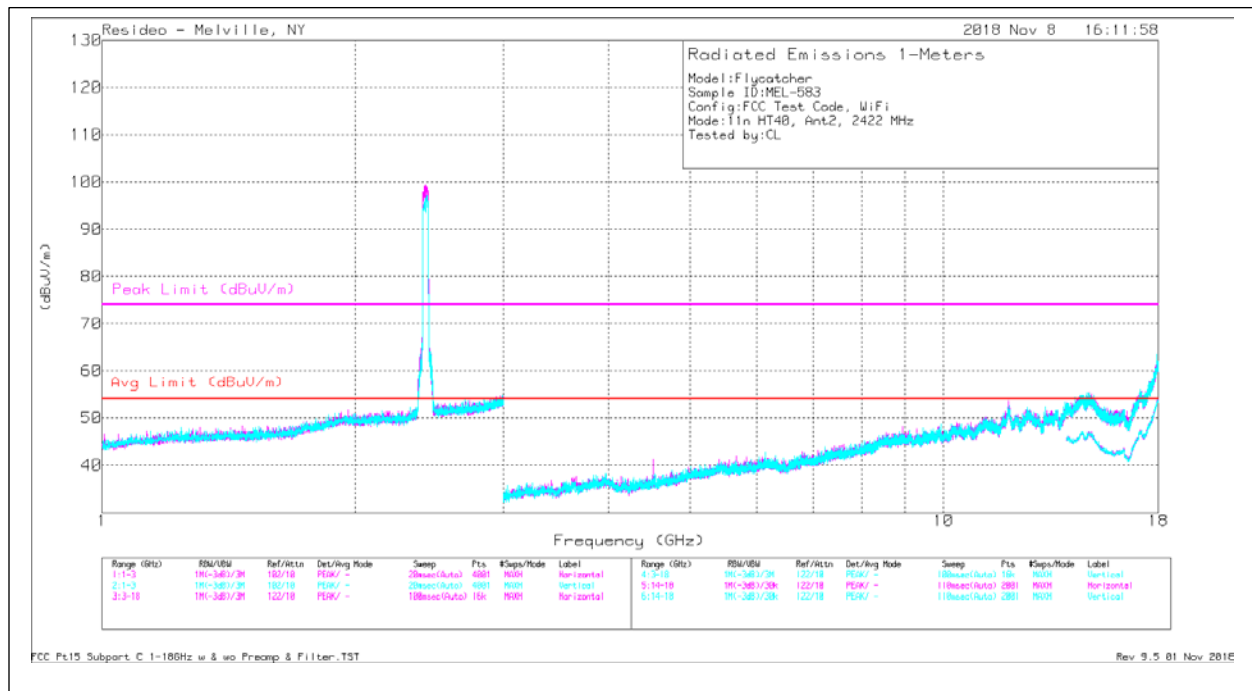
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.998	44.16	PK2	30.3	-42.5	2.9	2.8	-	37.66	-	-	74	-36.34	42	273	H
2.999	33.61	MAV1	30.3	-42.5	2.9	2.8	0.1	27.21	54	-26.79	-	-	42	273	H
* 3.668	48.31	PK2	32	-41.4	3.3	3.1	-	45.31	-	-	74	-28.69	181	235	H
* 3.668	39.27	MAV1	32	-41.4	3.3	3.1	0.1	36.37	54	-17.63	-	-	181	235	H
5.345	39.31	PK2	34.2	-41.3	3.9	3.8	-	39.91	-	-	74	-34.09	259	231	H
5.348	29.86	MAV1	34.2	-41.3	3.9	3.8	0.1	30.56	54	-23.44	-	-	259	231	H
* 17.997	37.26	PK2	47.9	-37.8	7.7	7.3	-	62.36	-	-	74	-11.64	267	201	H
* 17.994	26.86	MAV1	47.9	-37.8	7.7	7.3	0.1	52.06	54	-1.94	-	-	267	201	H
2.961	43.36	PK2	30	-42.2	2.9	2.8	-	36.86	-	-	74	-37.14	104	293	V
2.961	33.35	MAV1	30	-42.2	2.9	2.8	0.1	26.95	54	-27.05	-	-	104	293	V
* 3.672	45	PK2	32	-41.3	3.3	3.1	-	42.1	-	-	74	-31.9	110	338	V
* 3.67	35.67	MAV1	32	-41.4	3.3	3.1	0.1	32.77	54	-21.23	-	-	110	338	V
5.495	43.5	PK2	34.4	-40.7	4	3.8	-	45	-	-	74	-29	250	348	V
5.495	29.44	MAV1	34.4	-40.7	4	3.8	0.1	31.04	54	-22.96	-	-	250	348	V
* 17.973	37.4	PK2	47.9	-37.8	7.7	7.3	-	62.5	-	-	74	-11.5	269	270	V
* 17.976	26.34	MAV1	47.9	-37.8	7.7	7.3	0.1	51.54	54	-2.46	-	-	269	270	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: High Channel - Data



Antenna 2: Low Channel - Plot

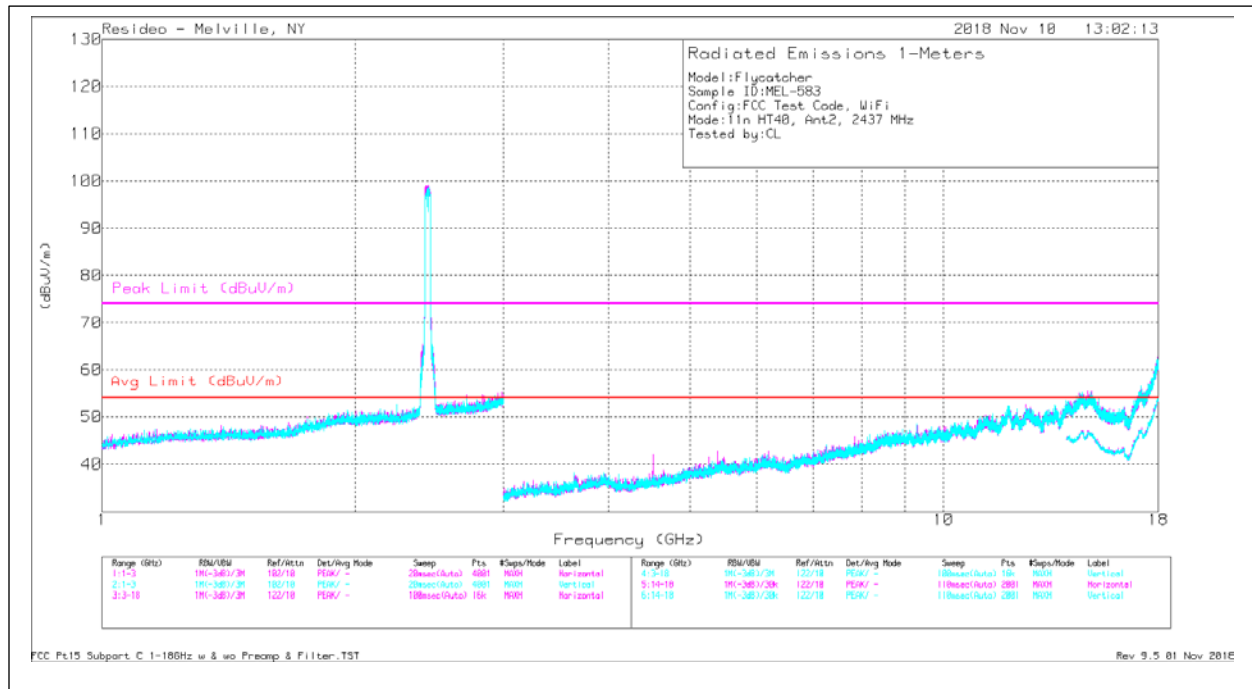
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.999	43.25	PK2	30.3	-42.5	2.9	2.8	-	36.75	-	-	74	-37.25	20	220	H
3	33.68	MAV1	30.3	-42.5	2.9	2.8	0.1	27.28	54	-26.72	-	-	20	220	H
* 4.514	44.22	PK2	32.5	-41	3.6	3.5	-	42.82	-	-	74	-31.18	196	168	H
* 4.514	38.34	MAV1	32.5	-41	3.6	3.5	0.1	37.04	54	-16.96	-	-	196	168	H
* 11.95	36.32	PK2	39.5	-37.4	6.8	5.8	-	51.02	-	-	74	-22.98	82	135	H
* 11.952	25.6	MAV1	39.5	-37.4	6.8	5.8	0.1	40.4	54	-13.6	-	-	82	135	H
* 17.964	37.03	PK2	47.9	-37.8	7.7	7.3	-	62.13	-	-	74	-11.87	82	221	H
* 17.961	26.47	MAV1	47.9	-37.8	7.7	7.3	0.1	51.67	54	-2.33	-	-	82	221	H
3.001	42.86	PK2	30.3	-42.5	2.9	2.8	-	36.36	-	-	74	-37.64	115	144	V
2.998	33.85	MAV1	30.3	-42.5	2.9	2.8	0.1	27.45	54	-26.55	-	-	115	144	V
6.136	39.24	PK2	34.9	-39.7	4.2	4	-	42.64	-	-	74	-31.36	214	187	V
6.137	28.81	MAV1	34.9	-39.7	4.2	4	0.1	32.31	54	-21.69	-	-	214	187	V
13.206	36.68	PK2	39.6	-36.1	6.5	6.2	-	52.88	-	-	74	-21.12	272	177	V
13.204	26.09	MAV1	39.6	-36.1	6.5	6.2	0.1	42.39	54	-11.61	-	-	272	177	V
* 17.969	36.05	PK2	47.9	-37.8	7.7	7.3	-	61.15	-	-	74	-12.85	29	119	V
* 17.97	26.65	MAV1	47.9	-37.8	7.7	7.3	0.1	51.85	54	-2.15	-	-	29	119	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Low Channel - Data



Antenna 2: Mid Channel - Plot

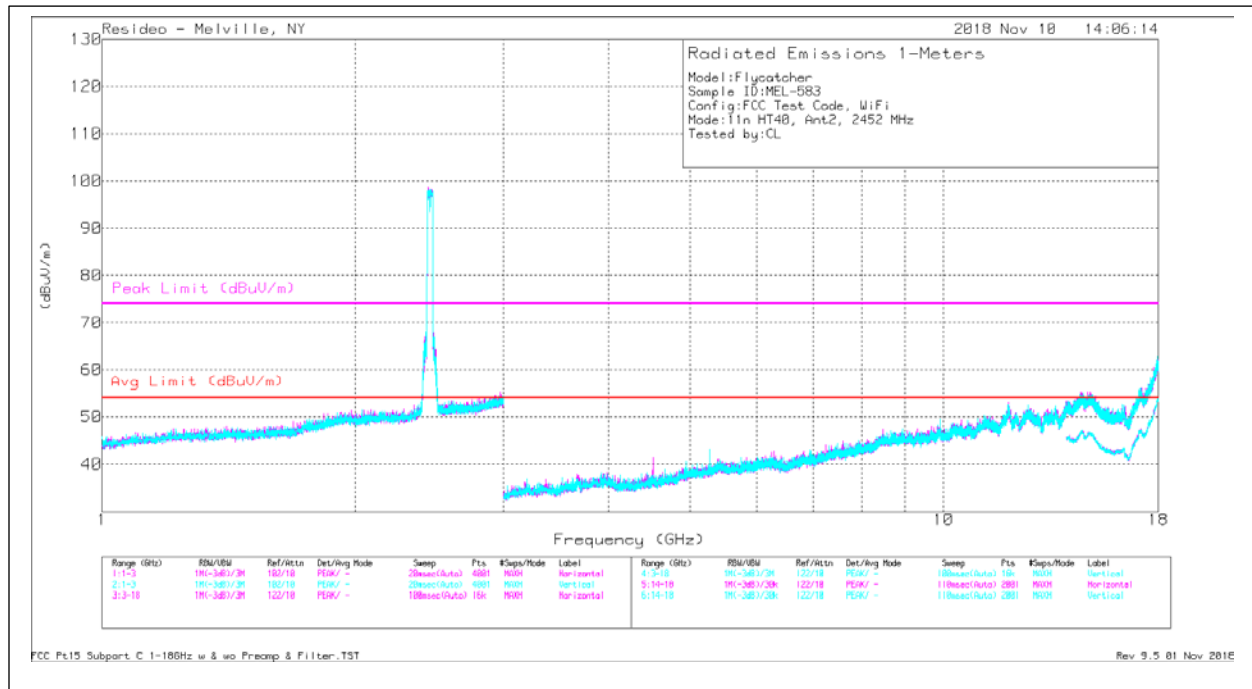
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	42.78	PK2	30.3	-42.5	2.9	2.8	-	36.28	-	-	74	-37.72	30	220	H
3.001	33.56	MAV1	30.3	-42.5	2.9	2.8	0.1	27.16	54	-26.84	-	-	30	220	H
* 4.514	44.6	PK2	32.5	-41	3.6	3.5	-	43.2	-	-	74	-30.8	202	222	H
* 4.514	38.5	MAV1	32.5	-41	3.6	3.5	0.1	37.2	54	-16.8	-	-	202	222	H
* 9.302	35.85	PK2	37.8	-38.9	5.4	5.1	-	45.25	-	-	74	-28.75	57	192	H
* 9.302	25.32	MAV1	37.8	-38.9	5.4	5.1	0.1	34.82	54	-19.18	-	-	57	192	H
* 17.98	37.71	PK2	47.9	-37.8	7.7	7.3	-	62.81	-	-	74	-11.19	297	324	H
* 17.976	27.24	MAV1	47.9	-37.8	7.7	7.3	0.1	52.44	54	-1.56	-	-	297	324	H
2.998	43.95	PK2	30.3	-42.5	2.9	2.8	-	37.45	-	-	74	-36.55	348	152	V
3	33.86	MAV1	30.3	-42.5	2.9	2.8	0.1	27.46	54	-26.54	-	-	348	152	V
* 8.172	36.53	PK2	37	-39.4	5	4.9	-	44.03	-	-	74	-29.97	208	309	V
* 8.175	26.21	MAV1	37	-39.4	5	4.9	0.1	33.61	54	-20.19	-	-	208	309	V
9.299	36.51	PK2	37.8	-38.9	5.4	5.1	-	45.91	-	-	74	-28.09	336	192	V
9.297	25.9	MAV1	37.8	-38.9	5.4	5.1	0.1	35.4	54	-18.6	-	-	336	192	V
* 17.972	37.15	PK2	47.9	-37.8	7.7	7.3	-	62.25	-	-	74	-11.75	141	120	V
* 17.969	27.01	MAV1	47.9	-37.8	7.7	7.3	0.1	52.21	54	-1.79	-	-	141	120	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Mid Channel - Data



Antenna 2: High Channel – Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SWBOX2 [dB]	SMA7 [dB]	SMA5 [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
3.001	42.15	PK2	30.3	-42.5	2.9	2.8	-	35.65	-	-	74	-38.35	206	195	H
3.001	33.39	MAV1	30.3	-42.5	2.9	2.8	0.1	26.99	54	-27.01	-	-	206	195	H
* 4.514	44.03	PK2	32.5	-41	3.6	3.5	-	42.63	-	-	74	-31.37	202	186	H
* 4.514	38.45	MAV1	32.5	-41	3.6	3.5	0.1	37.15	54	-16.85	-	-	202	186	H
* 11.934	35.14	PK2	39.5	-37.4	6.9	5.8	-	49.94	-	-	74	-24.06	31	182	H
* 11.934	25.92	MAV1	39.5	-37.4	6.9	5.8	0.1	40.82	54	-13.18	-	-	31	182	H
* 17.936	36.66	PK2	47.9	-37.9	7.7	7.3	-	61.66	-	-	74	-12.34	345	117	H
* 17.94	26.52	MAV1	47.9	-37.9	7.7	7.3	0.1	51.62	54	-2.38	-	-	345	117	H
2.999	45.5	PK2	30.3	-42.5	2.9	2.8	-	39	-	-	74	-35	302	104	V
3.001	33.95	MAV1	30.3	-42.5	2.9	2.8	0.1	27.55	54	-26.45	-	-	302	104	V
5.277	40.89	PK2	34.1	-41.1	3.9	3.8	-	41.59	-	-	74	-32.41	236	180	V
5.276	30.35	MAV1	34.1	-41.1	3.9	3.8	0.1	31.15	54	-22.85	-	-	236	180	V
9.897	35.76	PK2	38.2	-39.2	5.5	5.2	-	45.46	-	-	74	-28.54	321	327	V
9.899	26.15	MAV1	38.2	-39.2	5.5	5.2	0.1	35.95	54	-18.05	-	-	321	327	V
* 17.996	39	PK2	47.9	-37.8	7.7	7.3	-	64.1	-	-	74	-9.9	19	243	V
* 17.998	27.67	MAV1	47.9	-37.8	7.7	7.3	0.1	52.87	54	-1.13	-	-	19	243	V

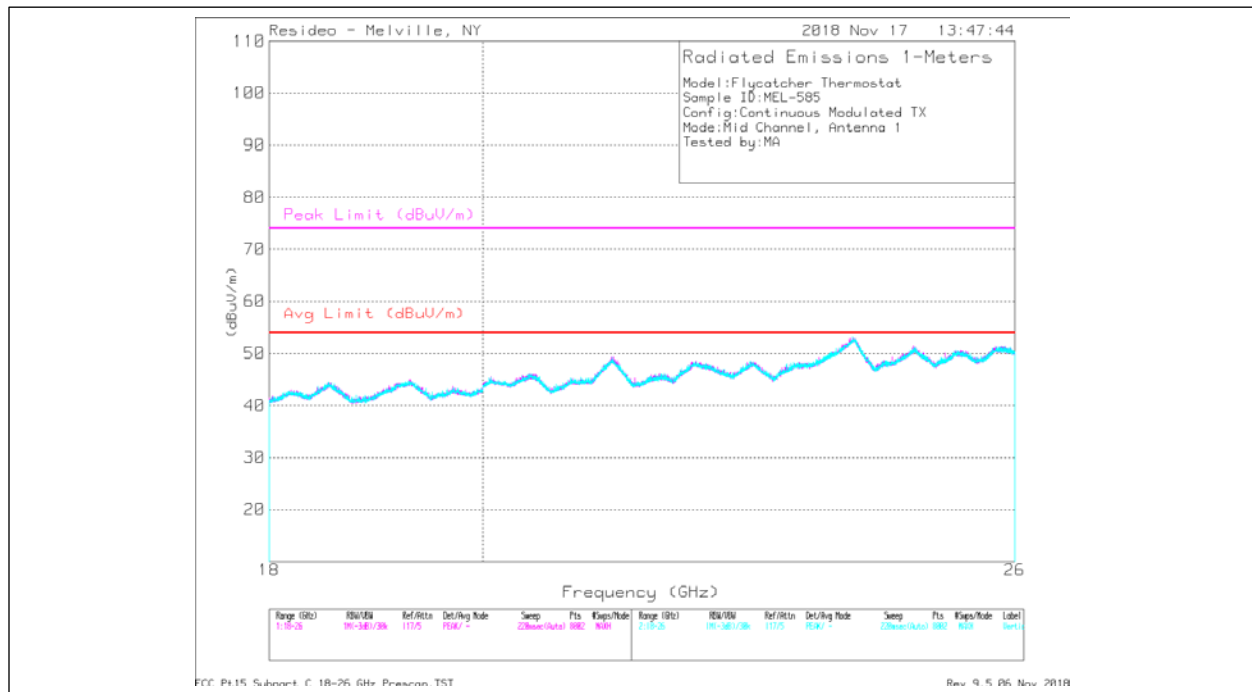
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: High Channel – Data

Above 18GHz (Worse-case, 802.11b Mode)



Mid Channel – Plot

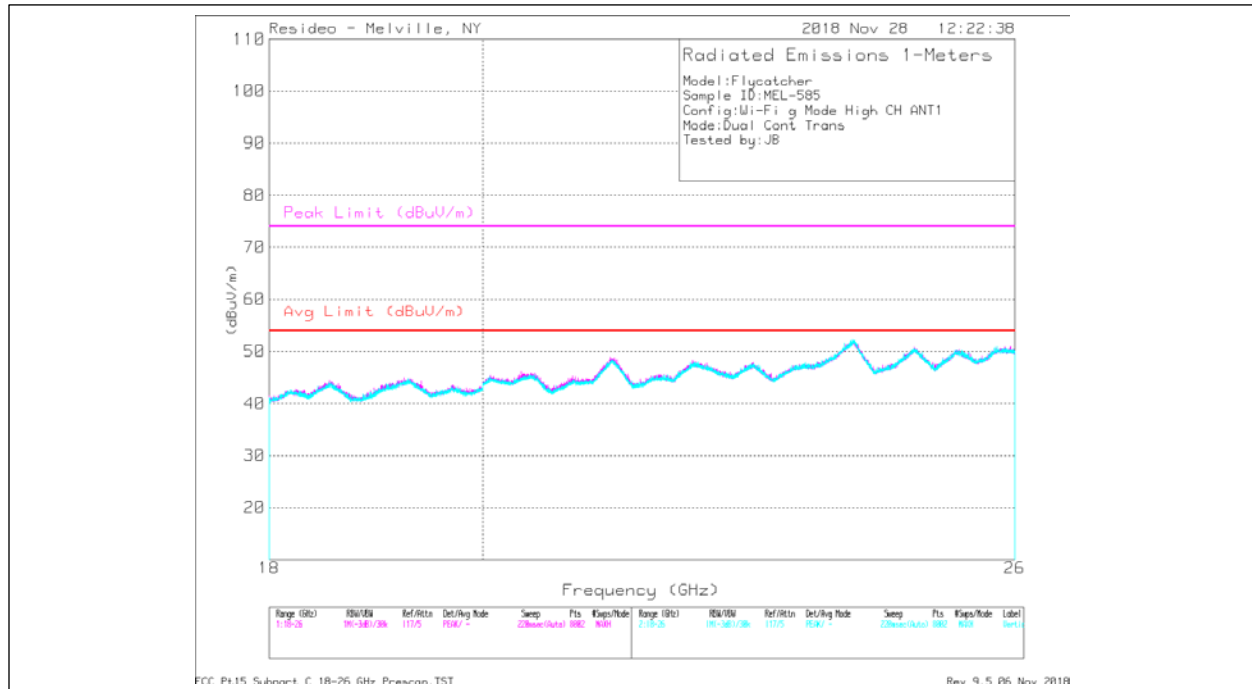
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SMA8 [dB]	Preamp [dB]	Dist Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 21.312	38.29	Pk	44.9	7.7	-32	-9.5	49.39	54	-4.61	74	-24.61	0-360	100	H
24.001	38.3	Pk	46.4	8.2	-30.5	-9.5	52.9	54	-1.1	74	-21.1	0-360	100	H
25.876	39.65	Pk	47.1	8.6	-34.5	-9.5	51.35	54	-2.65	74	-22.65	0-360	100	H
* 21.307	37.84	Pk	44.9	7.7	-32.1	-9.5	48.84	54	-5.16	74	-25.16	0-360	100	V
* 23.999	38.65	Pk	46.4	8.2	-30.6	-9.5	53.15	54	-8.5	74	-20.85	0-360	100	V
25.32	39.04	Pk	46.8	8.5	-34.6	-9.5	50.24	54	-3.76	74	-23.76	0-360	100	V

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

Mid Channel - Data

Note: No emissions detected above the system noise floor

Above 18GHz (Worse-case, 802.11g Mode)



High Channel - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SMA8 [dB]	Preamp [dB]	Dist Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 21.299	38.07	Pk	44.9	7.7	-32.2	-9.5	48.97	54	-5.03	74	-25.03	0-360	100	H
* 23.998	37.69	Pk	46.4	8.2	-30.6	-9.5	52.19	54	-1.81	74	-21.81	0-360	100	H
24.742	38.41	Pk	46	8.4	-32.5	-9.5	50.81	54	-3.19	74	-23.19	0-360	100	H
* 21.312	37.38	Pk	44.9	7.7	-32	-9.5	48.48	54	-5.52	74	-25.52	0-360	100	V
24.003	37.82	Pk	46.3	8.2	-30.5	-9.5	52.32	54	-1.68	74	-21.68	0-360	100	V
24.741	38.32	Pk	46	8.4	-32.5	-9.5	50.72	54	-3.28	74	-23.28	0-360	100	V

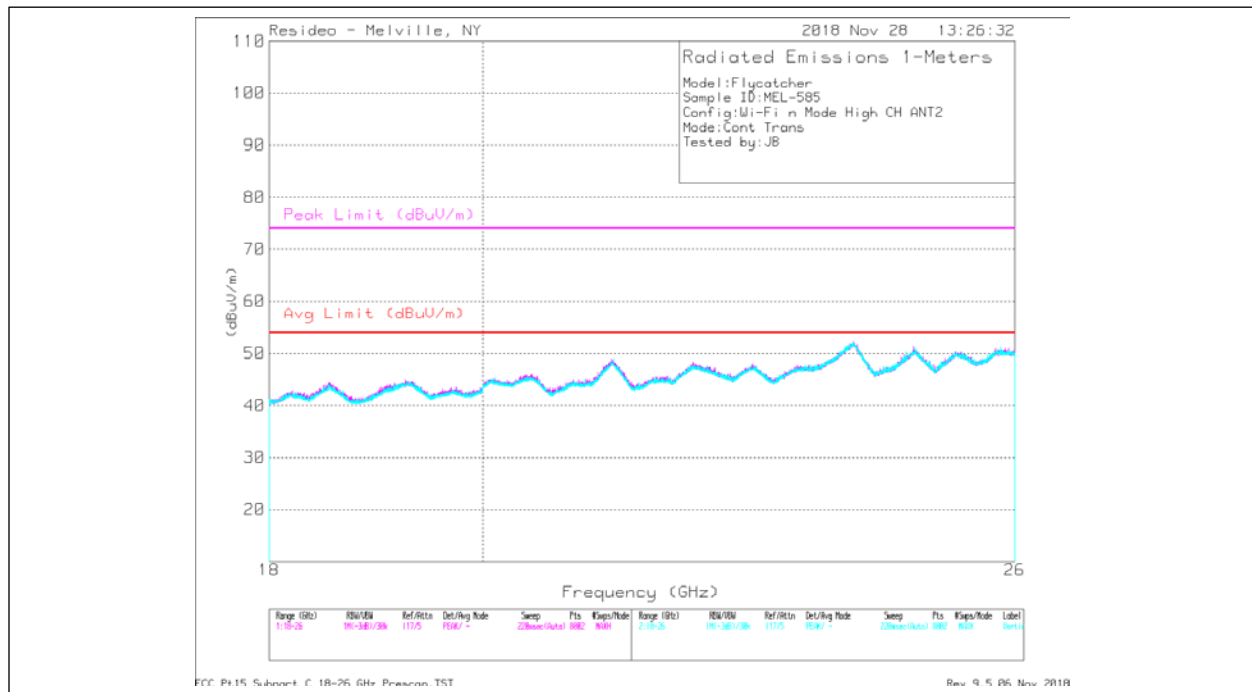
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

High Channel - Data

Note: No emissions detected above the system noise floor

Above 18GHz (Worse-case, 802.11n HT20 Mode)



High Channel - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SMA8 [dB]	Preamp [dB]	Dist Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 21.312	37.88	Pk	44.9	7.7	-32	-9.5	48.98	54	-5.02	74	-25.02	0-360	100	H
24.007	37.93	Pk	46.3	8.2	-30.5	-9.5	52.43	54	-1.57	74	-21.57	0-360	100	H
25.814	39.38	Pk	47.1	8.5	-34.5	-9.5	50.98	54	-3.02	74	-23.02	0-360	100	H
* 21.313	37.34	Pk	44.9	7.7	-32	-9.5	48.44	54	-5.56	74	-25.56	0-360	100	V
* 23.97	37.55	Pk	46.3	8.2	-30.9	-9.5	51.65	54	-2.35	74	-22.35	0-360	100	V
25.814	39.6	Pk	47.1	8.5	-34.5	-9.5	51.2	54	-2.8	74	-22.8	0-360	100	V

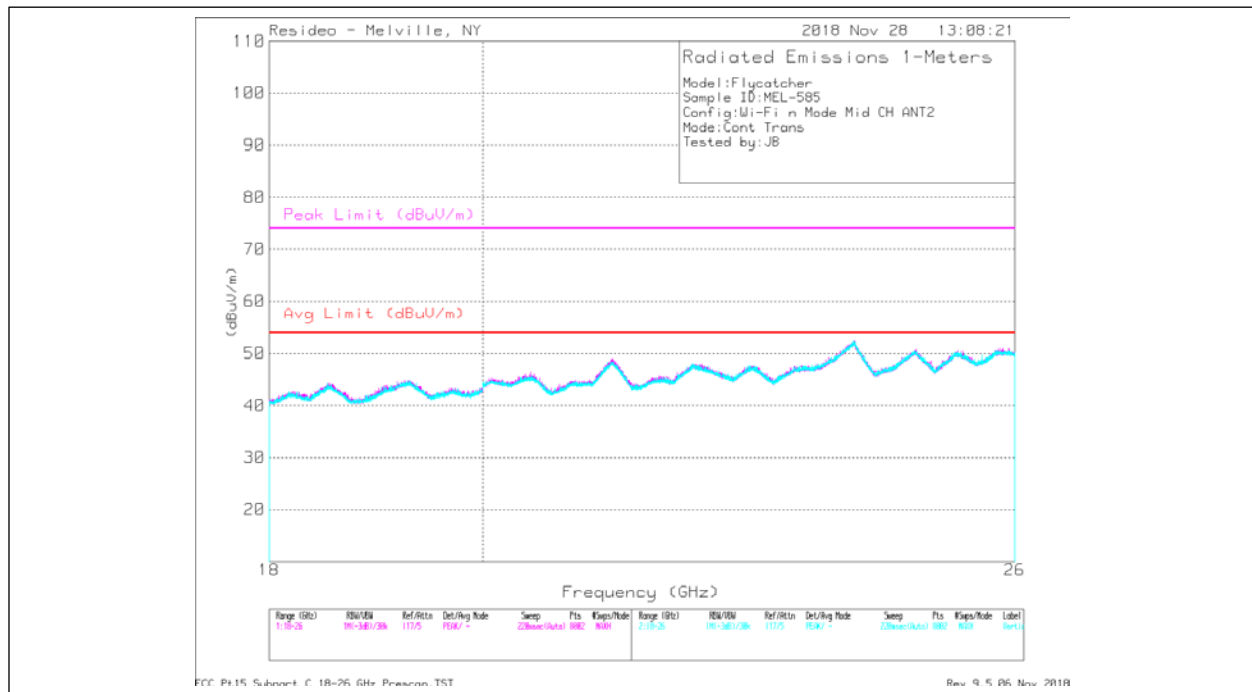
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

High Channel – Data

Note: No emissions detected above the system noise floor

Above 18GHz (Worse-case, 802.11n HT40 Mode)



Mid Channel - Plot

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	SMA8 [dB]	Preamp [dB]	Dist Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 21.316	37.84	Pk	44.9	7.7	-31.9	-9.5	49.04	54	-4.96	74	-24.96	0-360	100	H
24.003	37.67	Pk	46.3	8.2	-30.5	-9.5	52.17	54	-1.83	74	-21.83	0-360	100	H
25.955	38.66	Pk	47.1	8.6	-34.5	-9.5	50.36	54	-3.64	74	-23.64	0-360	100	H
* 21.267	38.03	Pk	44.9	7.7	-32.8	-9.5	48.33	54	-5.67	74	-25.67	0-360	100	V
24.021	37.85	Pk	46.3	8.2	-30.3	-9.5	52.55	54	-1.45	74	-21.45	0-360	100	V
25.964	38.7	Pk	47.1	8.6	-34.5	-9.5	50.4	54	-3.6	74	-23.6	0-360	100	V

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

Pk - Peak detector

Mid Channel – Data

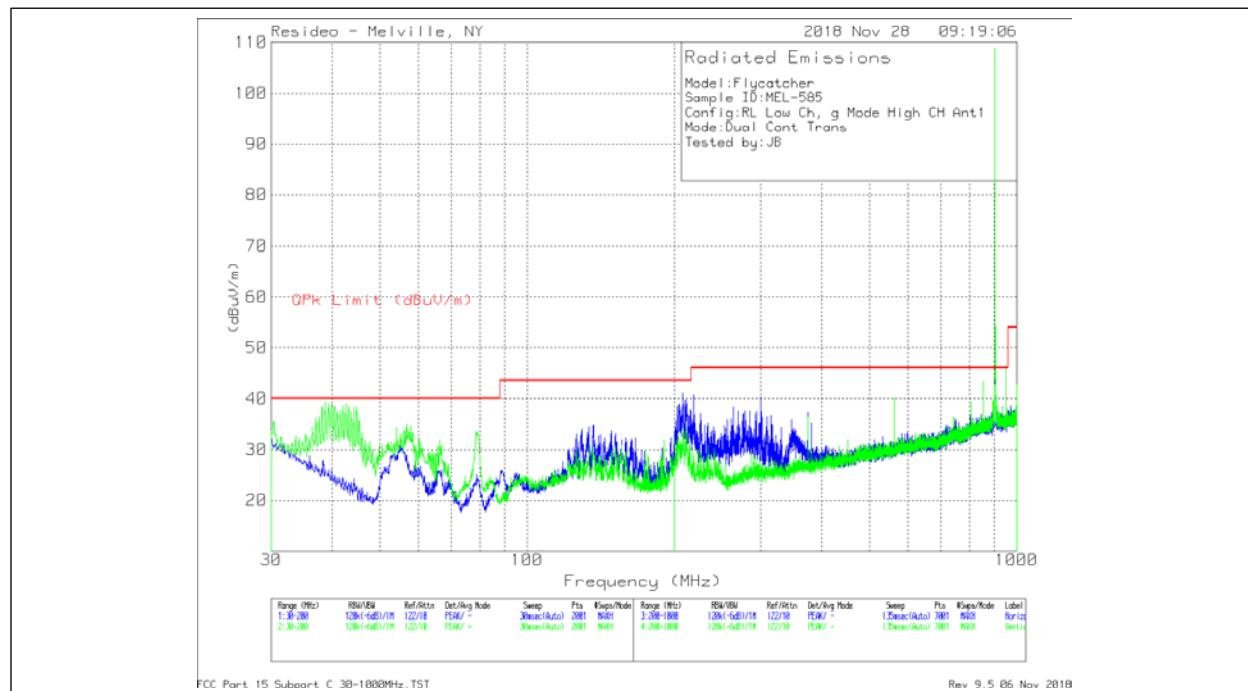
Note: No emissions detected above the system noise floor

Simultaneous Transmission

Configuration (Worse-case):

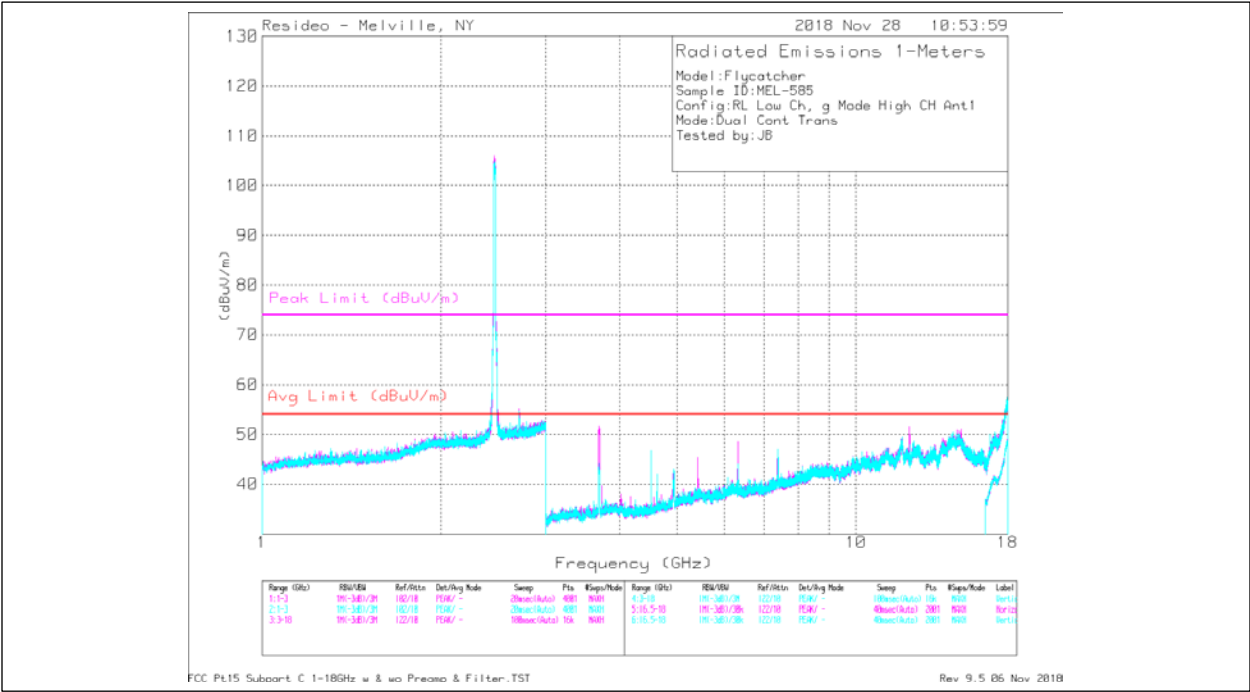
RedLINK – Low Channel, Antenna 1

Wi-Fi – 802.11g Mode, High Channel, Antenna 1



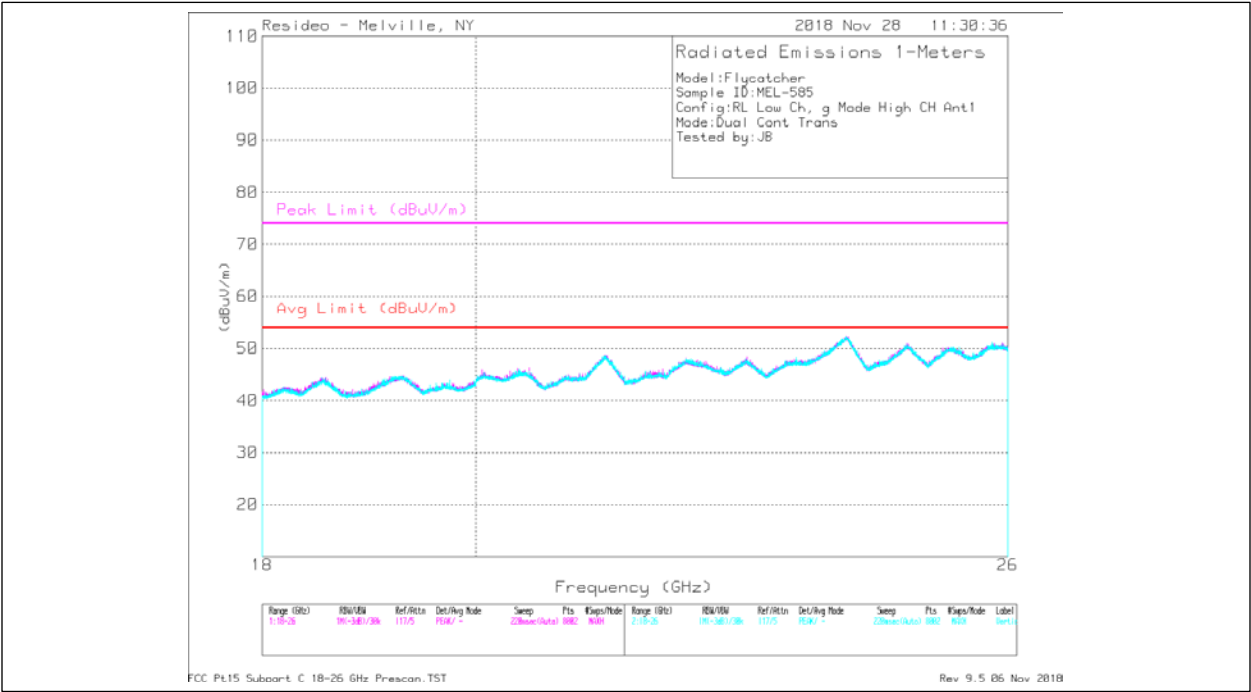
30-1000MHz – Plot

Note: No new emissions detected above the system noise floor with both radios transmitting simultaneously.



1-18GHz – Plot

Note: No new emissions detected above the system noise floor with both radios transmitting simultaneously.



Above 18GHz – Plot

Note: No new emissions detected above the system noise floor with both radios transmitting simultaneously.

Conducted Emissions (Mains)

Test Description

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 / C63.4.

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

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

Test Criteria

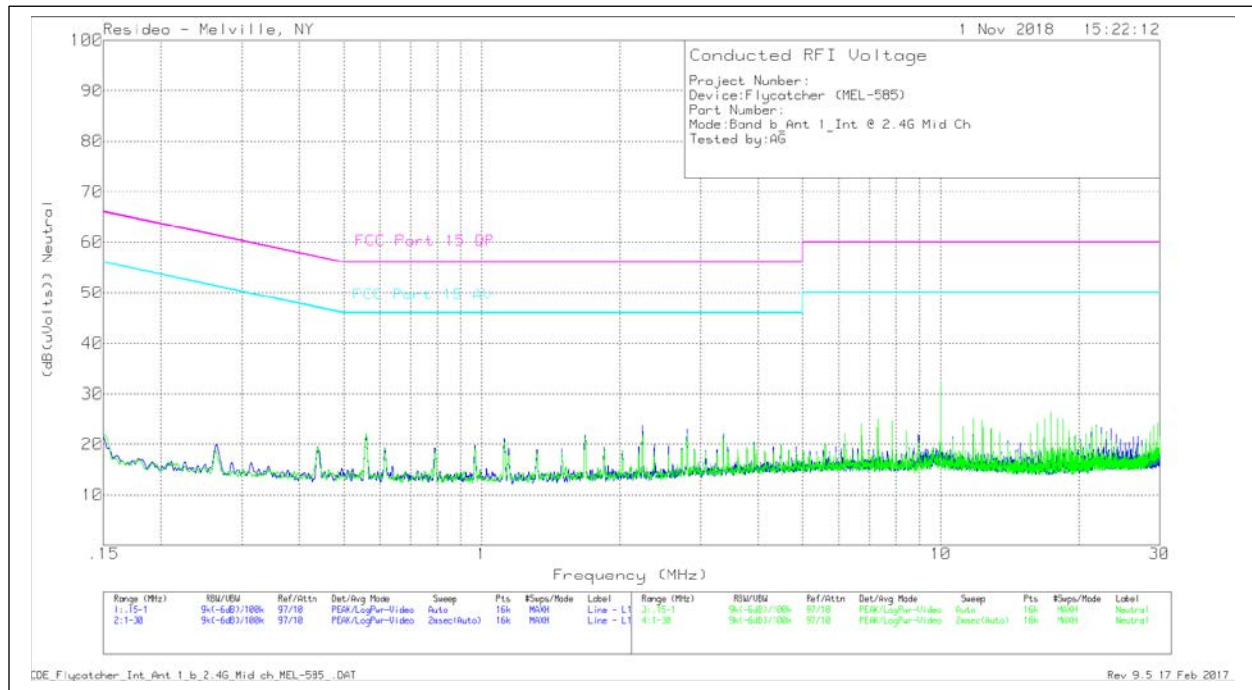
Reference	Limit (dBuV)		
	Frequency Range (MHz)	Quasi-Peak	Average
CFR 47 Subpart C, 15.207 RSS-GEN CFR 47 Subpart B, 15.107 ICES-003	0.15-0.5	66 to 56	56 to 46
	0.5-5	56	46
	5-30	60	50

Test Information

Tester	Test Location	Date	Temperature (°C)	Humidity (%RH)	Pressure (mbar)	Results (P/F)
AG	Shield Room	11/01/18	16.6	50	1001	P

Test Results

Intentional Mode



Plot

Frequency (MHz)	Meter Reading (dBuV)	Det	LISN1 L1 [dB]	CDE Cable	Corrected Reading (dB(uVolts))	FCC Part 15 QP	Margin (dB)	FCC Part 15 AV	Margin (dB)
.26445	9.69	Pk	10.2	0	19.89	61.29	-41.4	51.29	-31.4
.55977	11.4	Pk	9.9	0	21.3	56	-34.7	46	-24.7
.96686	9.82	Pk	9.9	0	19.72	56	-36.28	46	-26.28
1.68131	12.04	Pk	9.9	0	21.94	56	-34.06	46	-24.06
2.80113	13.12	Pk	9.9	0	23.02	56	-32.98	46	-22.98
9.99839	19.49	Pk	10	.1	29.59	60	-30.41	50	-20.41

Frequency (MHz)	Meter Reading (dBuV)	Det	LISN1 L2 [dB]	CDE Cable	Corrected Reading (dB(uVolts))	FCC Part 15 QP	Margin (dB)	FCC Part 15 AV	Margin (dB)
.15082	11.08	Pk	10.7	.1	21.88	65.95	-44.07	55.95	-34.07
.26231	8.25	Pk	10.2	0	18.45	61.36	-42.91	51.36	-32.91
.55998	12.03	Pk	10	0	22.03	56	-33.97	46	-23.97
1.11959	10.42	Pk	10	0	20.42	56	-35.58	46	-25.58
2.24122	12.29	Pk	9.9	0	22.19	56	-33.81	46	-23.81
9.99839	22.09	Pk	10	.1	32.19	60	-27.81	50	-17.81

Pk - Peak detector

Data

END OF REPORT