

Part3: Testing Range of“1GHz to 25 GHz”

Note1:Two

limitsarerequiredinthetestingrangeabove1GHz,thatisPeaklimit(74dB μ V/m)andAverageLimit (54dB μ V/m).

Note 2: For other frequencies, if their emissions are not stronger than the background noise, they will not be recorded in this report.

Above 1GHz
802.11b, Low channel

Frequency (MHz)	Corr.Amp. (dB μ V/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dB μ V/m)	Margin (dB)	Polarization
1205	36.38	PK	-8.12	74.0	37.62	H
1869	38.81	PK	-6.98	74.0	35.19	H
4824	49.74	PK	0.25	74.0	24.26	H
1205	23.87	Ave.	-8.12	54.0	30.13	V
1869	26.72	Ave.	-6.98	54.0	27.28	V
4824	37.97	Ave.	0.25	54.0	16.03	V

802.11b, Middle channel

Frequency (MHz)	Corr.Amp. (dB μ V/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dB μ V/m)	Margin (dB)	Polarization
1205	36.62	PK	-8.12	74.0	37.38	H
1869	39.85	PK	-6.98	74.0	34.15	H
4874	49.25	PK	0.40	74.0	24.75	H
1205	24.58	Ave.	-8.12	54.0	29.42	V
1869	26.41	Ave.	-6.98	54.0	27.59	V
4874	37.69	Ave.	0.40	54.0	16.31	V

802.11b,High channel

Frequency (MHz)	Corr.Amp. (dB μ V/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dB μ V/m)	Margin (dB)	Polarization
1205	35.51	PK	-8.12	74.0	38.49	H
1869	38.97	PK	-6.98	74.0	35.03	H
4924	50.32	PK	0.57	74.0	23.68	H
1205	24.38	Ave.	-8.12	54.0	29.62	V
1869	26.37	Ave.	-6.98	54.0	27.63	V
4924	38.53	Ave.	0.57	54.0	15.47	V



802.11g, Low channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	36.52	PK	-8.12	74.0	37.48	H
1869	38.68	PK	-6.98	74.0	35.32	H
4824	47.80	PK	0.25	74.0	26.2	H
1205	23.13	Ave.	-8.12	54.0	30.87	V
1869	27.53	Ave.	-6.98	54.0	26.47	V
4824	37.81	Ave.	0.25	54.0	16.19	V

802.11g, Middle channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	37.28	PK	-8.12	74.0	36.72	H
1869	39.19	PK	-6.98	74.0	34.81	H
4874	47.51	PK	0.40	74.0	26.49	H
1205	24.56	Ave.	-8.12	54.0	29.44	V
1869	27.41	Ave.	-6.98	54.0	26.59	V
4874	35.69	Ave.	0.40	54.0	18.31	V

802.11g, High channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	36.65	PK	-8.12	74.0	37.35	H
1869	39.78	PK	-6.98	74.0	34.22	H
4924	47.21	PK	0.57	74.0	26.79	H
1205	23.68	Ave.	-8.12	54.0	30.32	V
1869	26.63	Ave.	-6.98	54.0	27.37	V
4924	36.66	Ave.	0.57	54.0	17.34	V



802.11n-HT20, Low channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	36.66	PK	-8.12	74.0	37.34	H
1869	39.90	PK	-6.98	74.0	34.10	H
4824	45.36	PK	0.25	74.0	28.64	H
1205	24.77	Ave.	-8.12	54.0	29.23	V
1869	25.68	Ave.	-6.98	54.0	28.32	V
4824	34.57	Ave.	0.25	54.0	19.43	V

802.11n-HT20, Middle channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	37.21	PK	-8.12	74.0	36.79	H
1869	39.06	PK	-6.98	74.0	34.94	H
4874	46.95	PK	0.40	74.0	27.05	H
1205	23.90	Ave.	-8.12	54.0	30.10	V
1869	26.86	Ave.	-6.98	54.0	27.14	V
4874	36.12	Ave.	0.40	54.0	17.88	V

802.11n-HT20, High channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	36.98	PK	-8.12	74.0	37.02	H
1869	39.10	PK	-6.98	74.0	34.90	H
4924	45.28	PK	0.57	74.0	28.72	H
1205	24.2	Ave.	-8.12	54.0	29.8	V
1869	25.54	Ave.	-6.98	54.0	28.46	V
4924	34.86	Ave.	0.57	54.0	19.14	V



802.11n-HT40, Low channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	36.14	PK	-8.12	74.0	37.86	H
1869	37.93	PK	-6.98	74.0	36.07	H
4844	41.99	PK	0.19	74.0	32.01	H
1205	23.26	Ave.	-8.12	54.0	30.74	V
1869	25.93	Ave.	-6.98	54.0	28.07	V
4844	33.71	Ave.	0.19	54.0	20.29	V

802.11n-HT40, Middle channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	37.10	PK	-8.12	74.0	36.90	H
1869	38.25	PK	-6.98	74.0	35.75	H
4874	42.2	PK	0.93	74.0	31.8	H
1205	24.21	Ave.	-8.12	54.0	29.79	V
1869	26.49	Ave.	-6.98	54.0	27.51	V
4874	32.19	Ave.	0.93	54.0	21.81	V

802.11n-HT40, High channel

Frequency (MHz)	Corr.Amp. (dBμV/m)	Detector (PK/Ave.)	Corr. (dB)	Limit (dBμV/m)	Margin (dB)	Polarization
1205	36.27	PK	-8.12	74.0	37.73	H
1869	37.81	PK	-6.98	74.0	36.19	H
4904	43.05	PK	0.74	74.0	30.95	H
1205	24.47	Ave.	-8.12	54.0	29.53	V
1869	26.74	Ave.	-6.98	54.0	27.26	V
4904	31.62	Ave.	0.74	54.0	22.38	V

Part 4:Band Edges

11B:

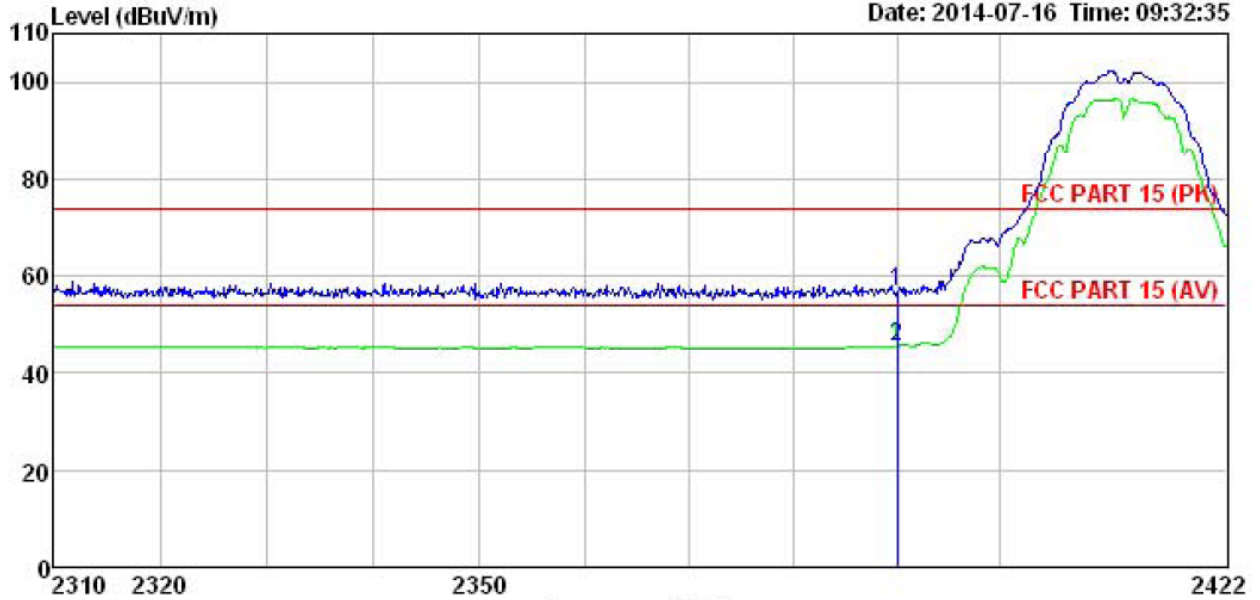
Low Channel

HORIZONTAL:

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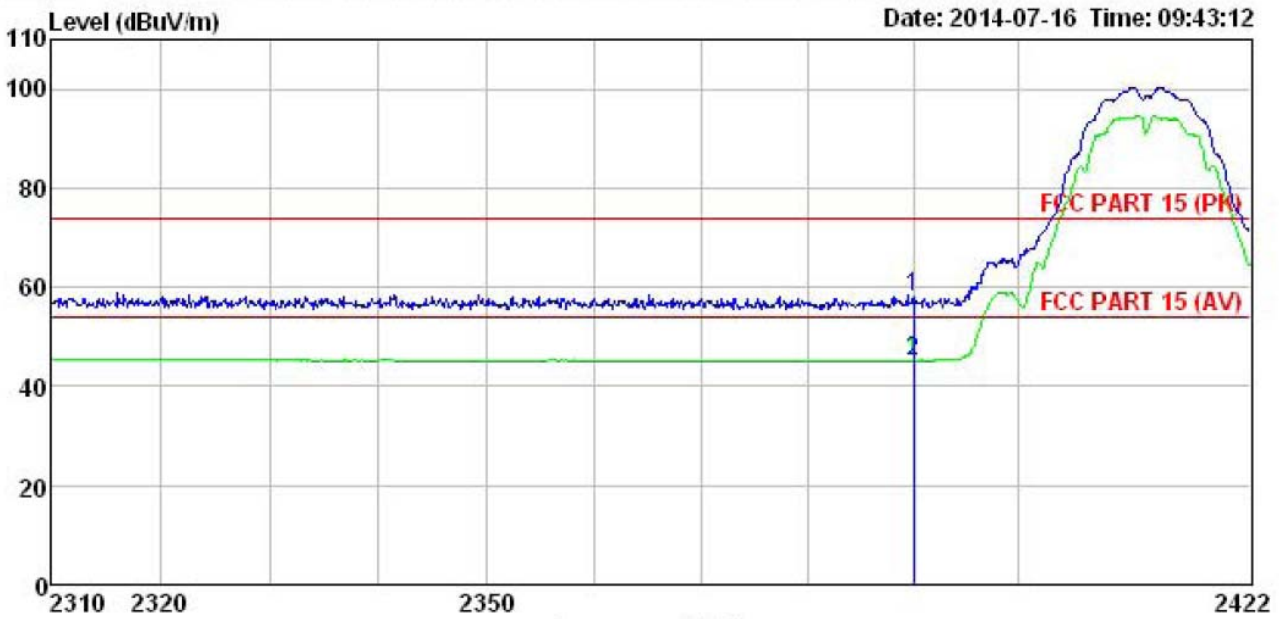
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Date: 2014-07-16 Time: 09:32:35



	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	23.56	27.58	5.67	0.00	56.81	74.00	-17.19	Peak
2	2390.000	12.35	27.58	5.67	0.00	45.60	54.00	-8.40	Average

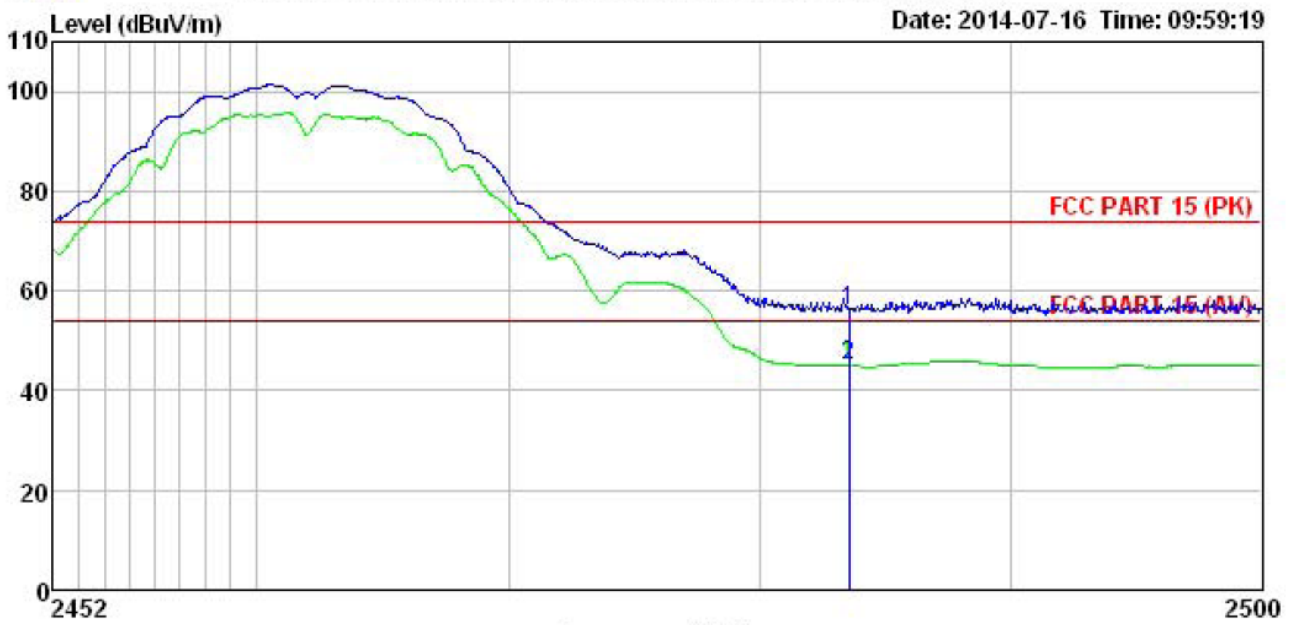
VERTICAL:



	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	24.60	27.58	5.67	0.00	57.85	74.00	-16.15	Peak
2	2390.000	11.92	27.58	5.67	0.00	45.17	54.00	-8.83	Average

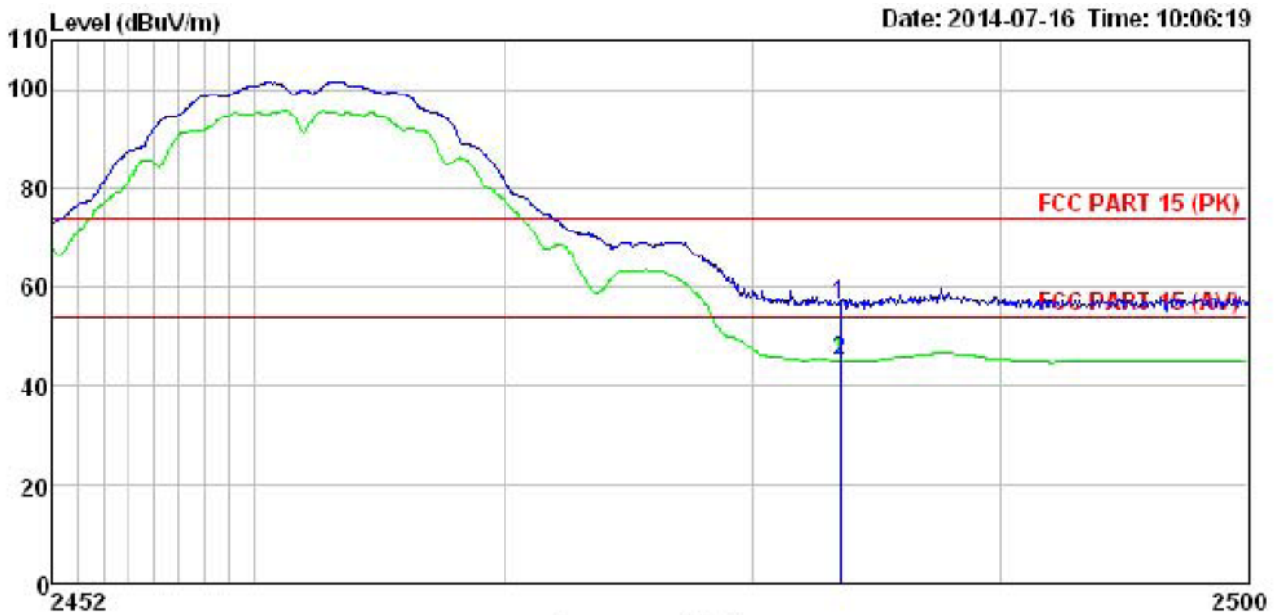
High Channel

HORIZONTAL:



	Read	Antenna	Cable	Preamp	Level	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	22.96	27.52	5.70	0.00	56.18	74.00	-17.82 Peak
2	2483.500	11.72	27.52	5.70	0.00	44.94	54.00	-9.06 Average

VERTICAL:

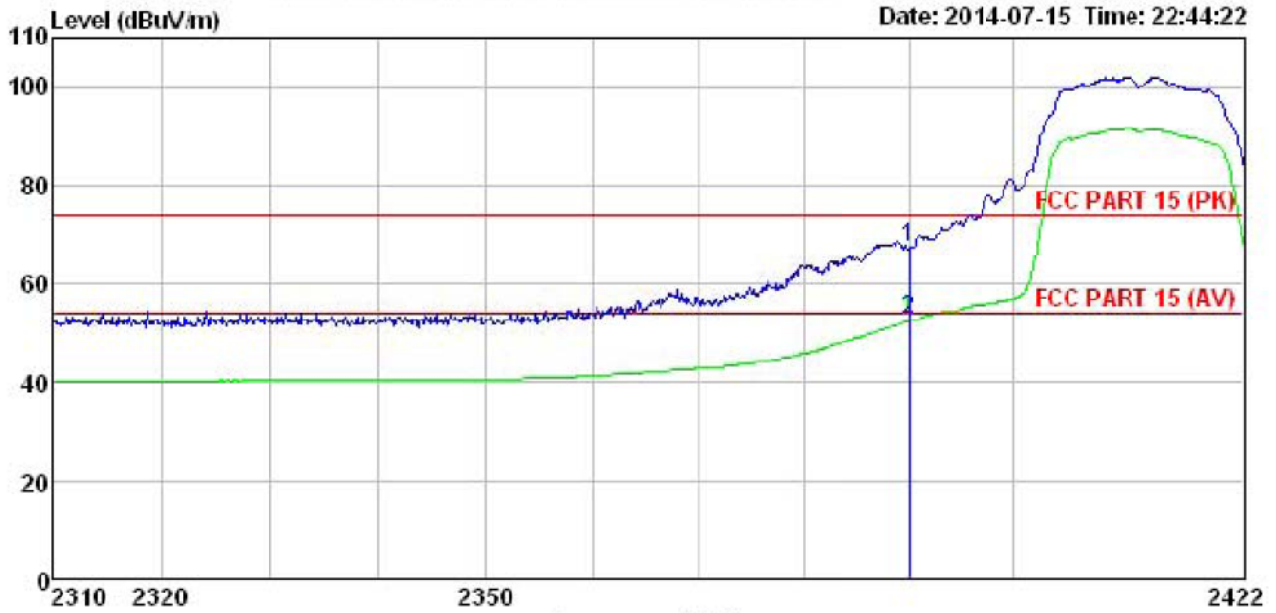


	ReadAntenna	Cable	Preamp	Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	23.04	27.52	5.70	0.00	56.26	74.00	-17.74 Peak
2	2483.500	11.88	27.52	5.70	0.00	45.10	54.00	-8.90 Average

11G:

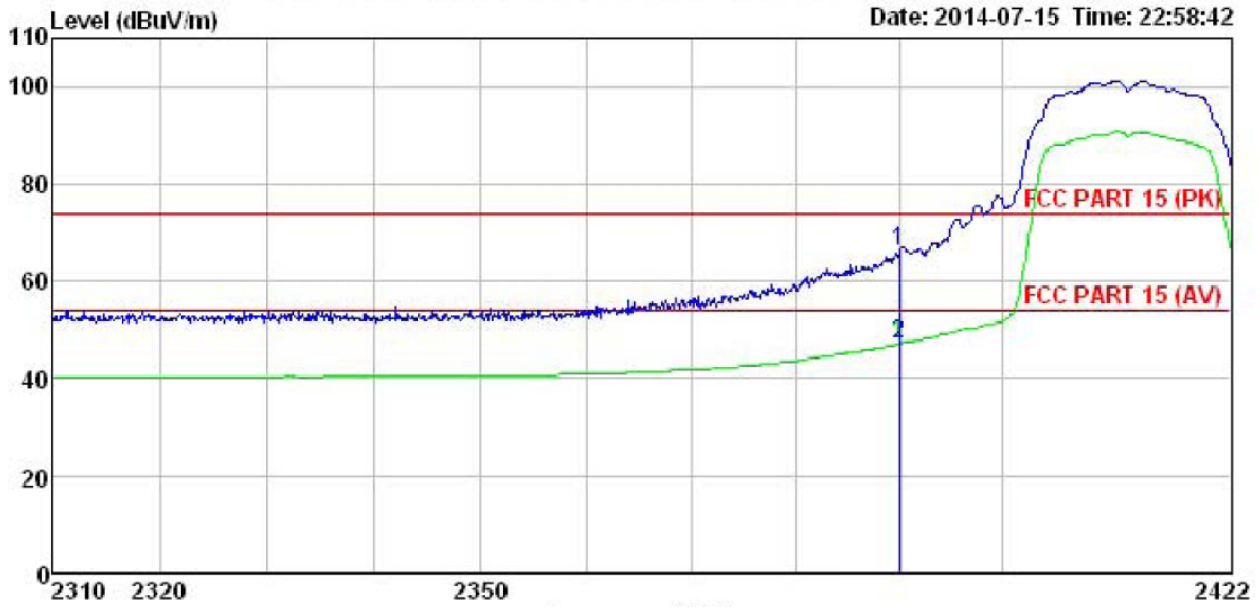
Low Channel

HORIZONTAL:



	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Loss	Factor	Line	Limit	Remark			
-----	-----	-----	-----	-----	-----	-----			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1	2390.000	34.14	27.58	5.67	0.00	67.39	74.00	-6.61	Peak
2	2390.000	19.32	27.58	5.67	0.00	52.57	54.00	-1.43	Average

VERTICAL:

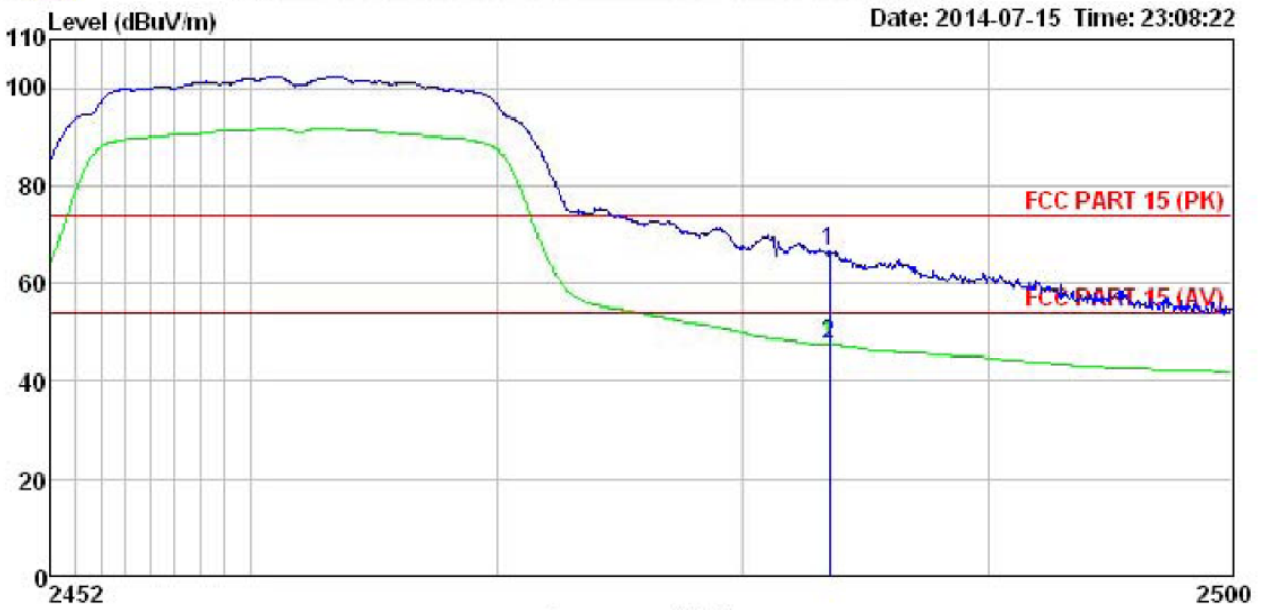


	ReadAntenna	Cable	Preamp	Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Over	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	33.10	27.58	5.67	0.00	66.35	74.00	-7.65 Peak
2	2390.000	13.97	27.58	5.67	0.00	47.22	54.00	-6.78 Average



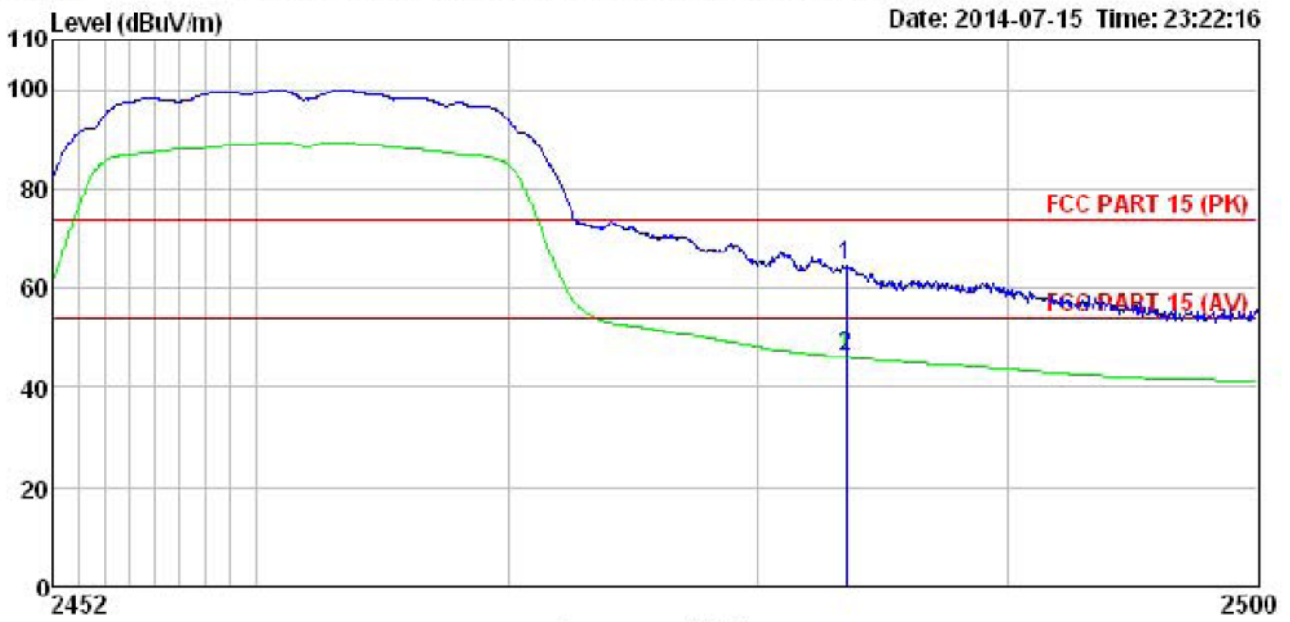
High Channel

HORIZONTAL:



	ReadAntenna	Cable Preamp	Limit	Over					
Freq	Level	Loss	Line	Limit	Remark				
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2483.500	33.15	27.52	5.70	0.00	66.37	74.00	-7.63	Peak
2	2483.500	14.18	27.52	5.70	0.00	47.40	54.00	-6.60	Average

VERTICAL:

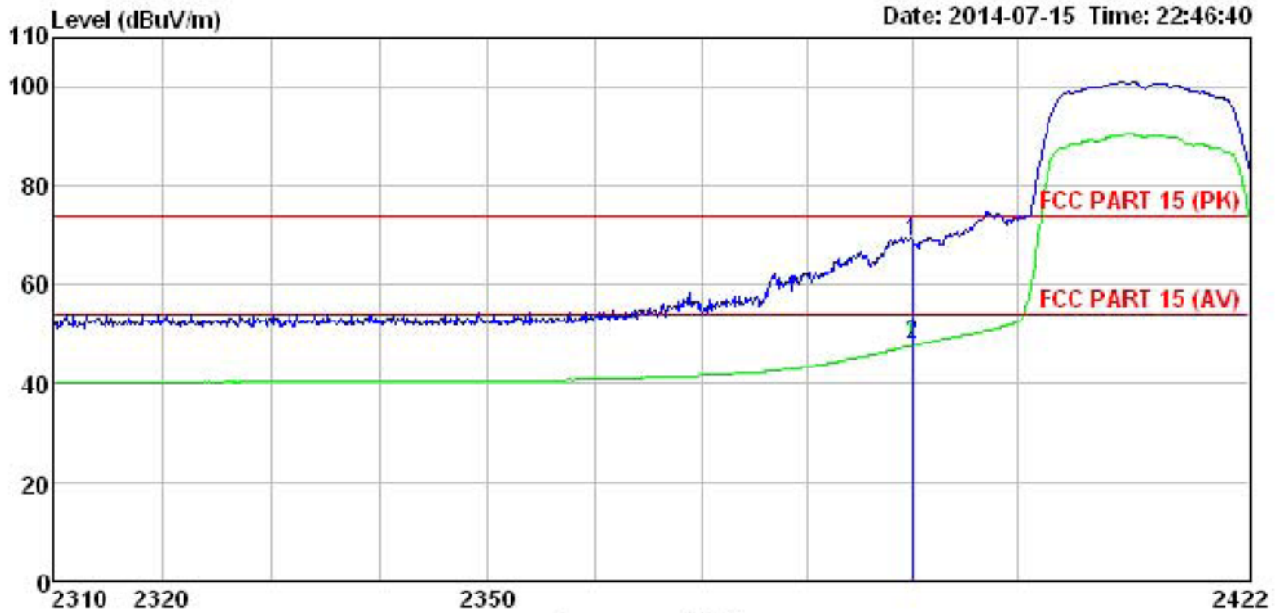


	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit	
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	31.14	27.52	5.70	0.00	64.36	74.00	-9.64 Peak
2	2483.500	12.93	27.52	5.70	0.00	46.15	54.00	-7.85 Average

11N(20M):

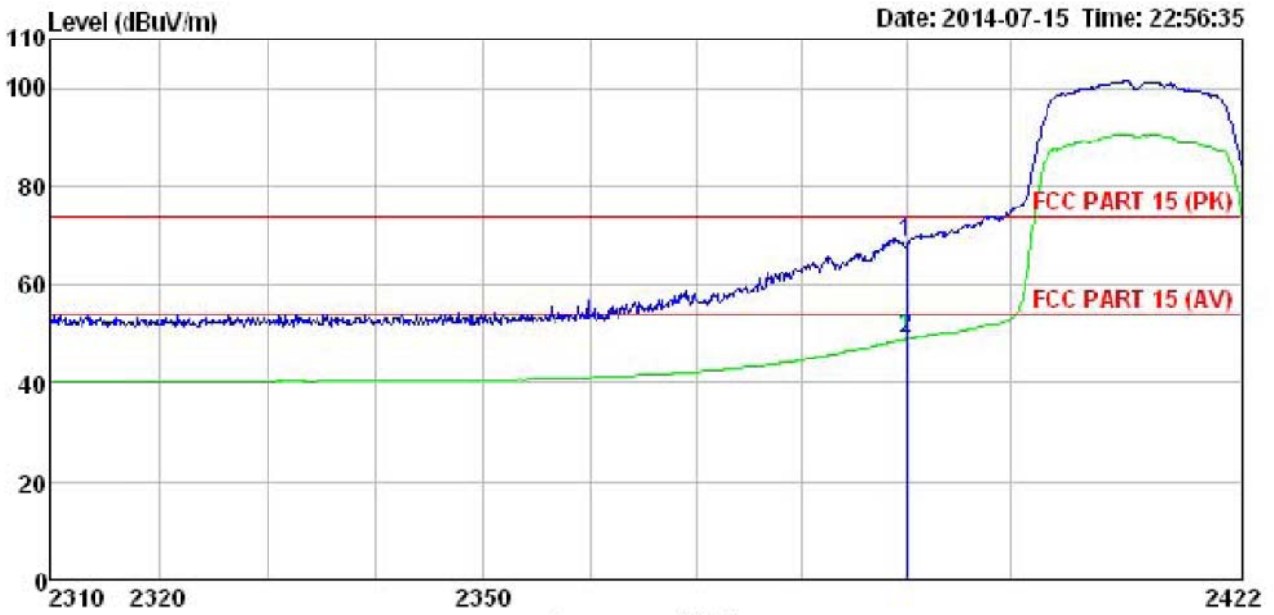
Low Channel

HORIZONTAL:



	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line			
-----	-----	-----	-----	-----	-----	-----			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1	2390.000	35.46	27.58	5.67	0.00	68.71	74.00	-5.29	Peak
2	2390.000	14.51	27.58	5.67	0.00	47.76	54.00	-6.24	Average

VERTICAL:

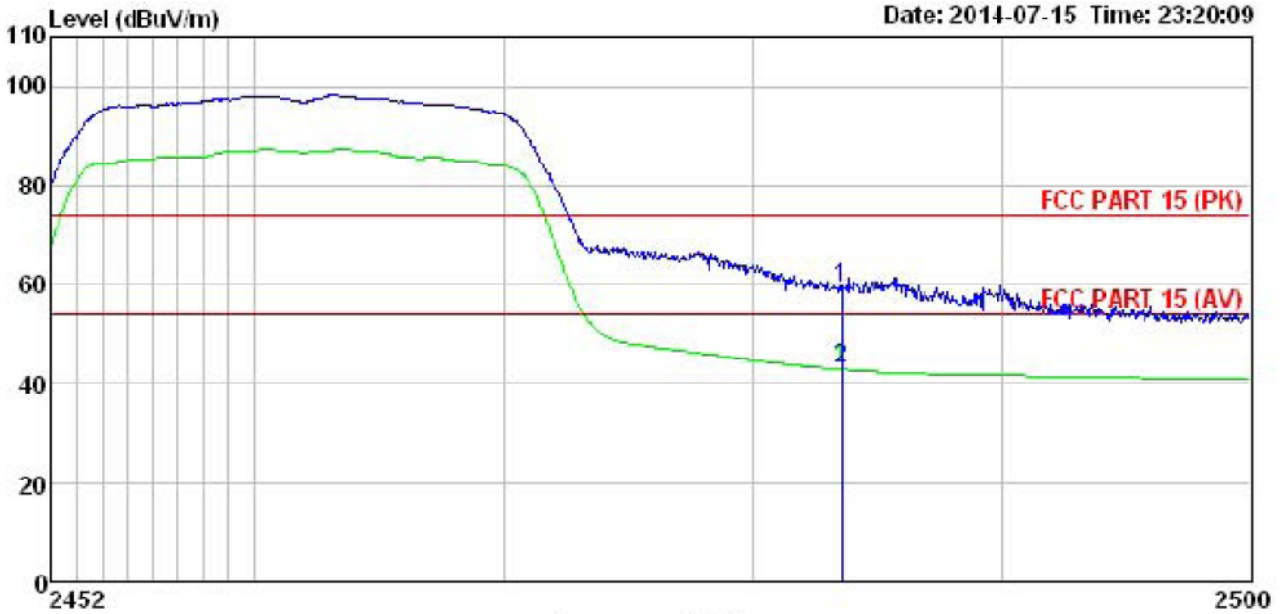


	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line			
-----	-----	-----	-----	-----	-----	-----			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1	2390.000	35.20	27.58	5.67	0.00	68.45	74.00	-5.55	Peak
2	2390.000	15.75	27.58	5.67	0.00	49.00	54.00	-5.00	Average



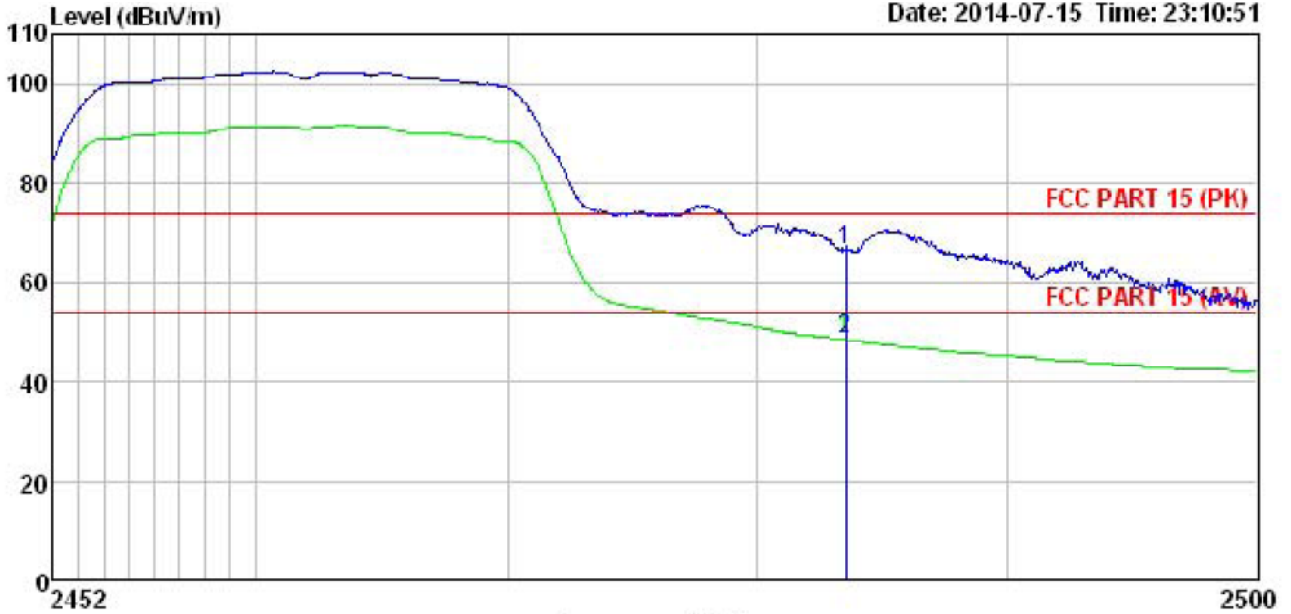
High Channel

HORIZONTAL:



	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2483.500	25.93	27.52	5.70	0.00	59.15	74.00	-14.85 Peak	
2	2483.500	9.66	27.52	5.70	0.00	42.88	54.00	-11.12 Average	

VERTICAL:

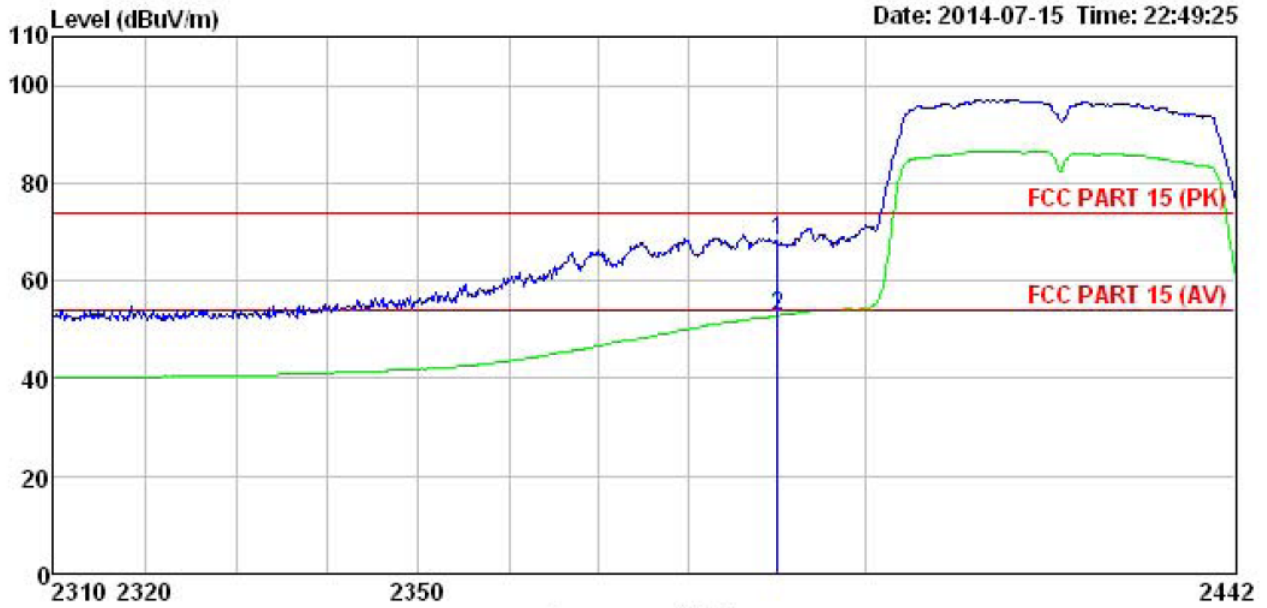


	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	33.28	27.52	5.70	0.00	66.50	74.00	-7.50	Peak
2	2483.500	15.33	27.52	5.70	0.00	48.55	54.00	-5.45	Average

11N(40):

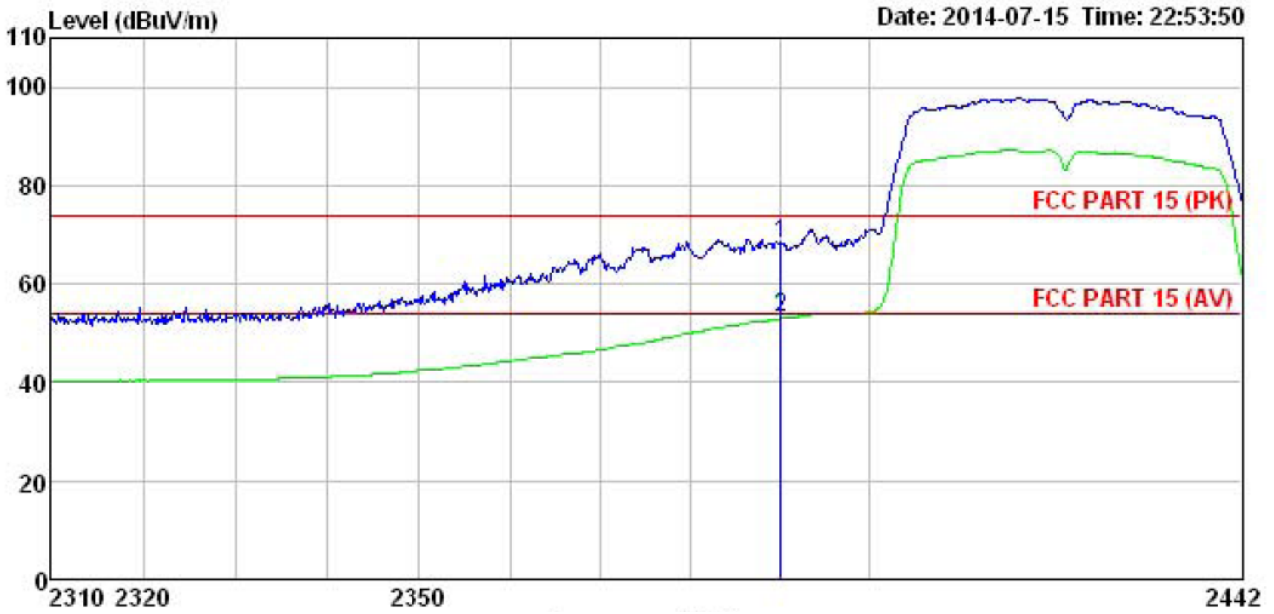
Low Channel:

HORIZONTAL:



	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark	
-----	-----	-----	-----	-----	-----	-----	-----	-----	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2390.000	35.13	27.58	5.67	0.00	68.38	74.00	-5.62 Peak	
2	2390.000	19.66	27.58	5.67	0.00	52.91	54.00	-1.09 Average	

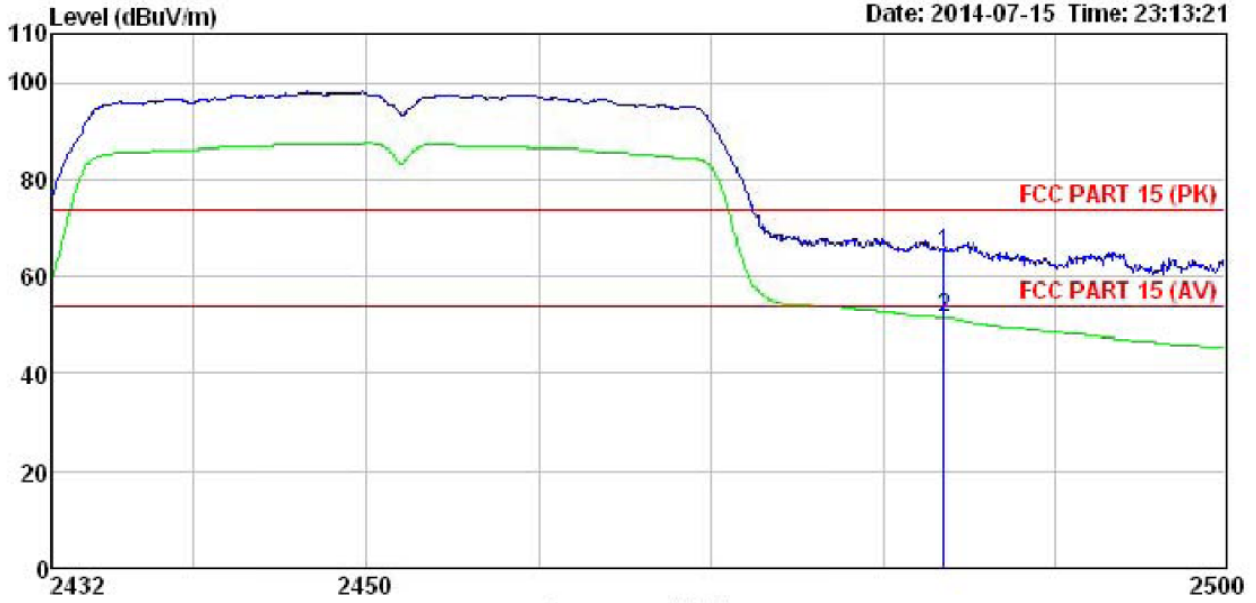
VERTICAL:



	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line			
-----	-----	-----	-----	-----	-----	-----			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1	2390.000	34.78	27.58	5.67	0.00	68.03	74.00	-5.97	Peak
2	2390.000	19.75	27.58	5.67	0.00	53.00	54.00	-1.00	Average

High Channel:

HORIZONTAL:



	ReadAntenna	Cable Preamp	Limit	Over					
Freq	Level	Factor	Loss	Factor	Level				
MHz	dBuV	dB/m	dB	dB	dBuV/m				
1	2483.500	31.89	27.52	5.70	0.00	65.11	74.00	-8.89	Peak
2	2483.500	18.36	27.52	5.70	0.00	51.58	54.00	-2.42	Average

VERTICAL:

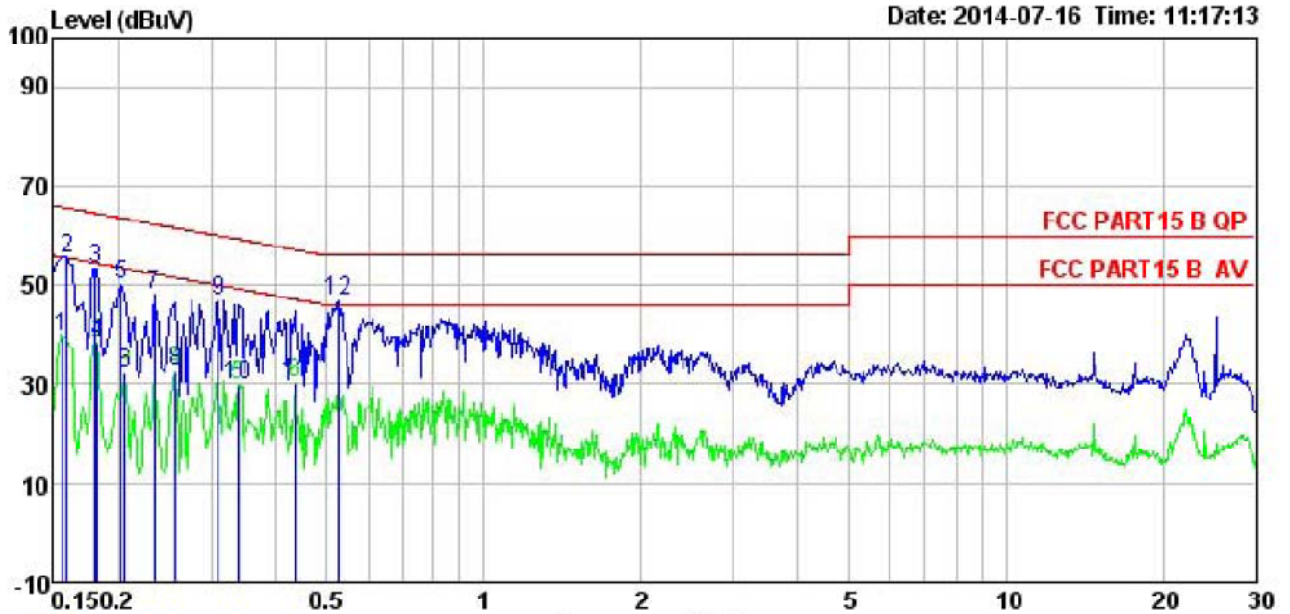


	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	28.44	27.52	5.70	0.00	61.66	74.00	-12.34	Peak
2	2483.500	14.90	27.52	5.70	0.00	48.12	54.00	-5.88	Average

AppendixG:ConductedEmissionatPowerPort

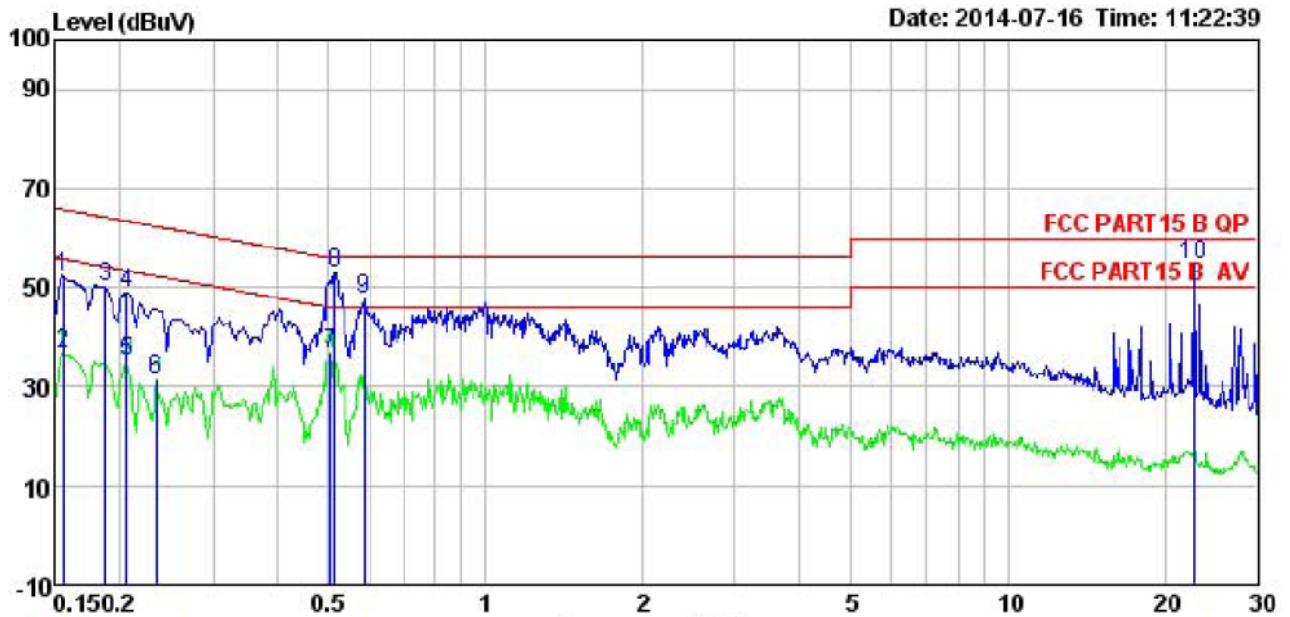
Channel 6

Line



	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.156	28.64	0.27	10.78	39.69	55.69	-16.00	Average
2	0.159	44.36	0.27	10.78	55.41	65.52	-10.11	Peak
3	0.181	42.39	0.28	10.77	53.44	64.46	-11.02	Peak
4	0.182	27.23	0.28	10.77	38.28	54.42	-16.14	Average
5	0.202	39.17	0.28	10.76	50.21	63.54	-13.33	Peak
6	0.206	21.23	0.28	10.76	32.27	53.36	-21.09	Average
7	0.234	37.20	0.27	10.75	48.22	62.30	-14.08	Peak
8	0.258	21.61	0.27	10.75	32.63	51.51	-18.88	Average
9	0.310	35.87	0.26	10.74	46.87	59.97	-13.10	Peak
10	0.337	18.92	0.27	10.73	29.92	49.27	-19.35	Average
11	0.435	19.00	0.28	10.73	30.01	47.15	-17.14	Average
12	0.527	35.91	0.28	10.76	46.95	56.00	-9.05	Peak

Neutral



	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.156	40.98	0.25	10.78	52.01	65.69	-13.68	Peak
2	0.156	25.49	0.25	10.78	36.52	55.69	-19.17	Average
3	0.186	39.14	0.25	10.76	50.15	64.20	-14.05	Peak
4	0.206	38.01	0.25	10.76	49.02	63.36	-14.34	Peak
5	0.206	24.11	0.25	10.76	35.12	53.36	-18.24	Average
6	0.234	20.44	0.25	10.75	31.44	52.30	-20.86	Average
7	0.505	25.61	0.29	10.76	36.66	46.00	-9.34	Average
8	0.513	41.86	0.28	10.76	52.90	56.00	-3.10	Peak
9	0.585	36.44	0.24	10.77	47.45	56.00	-8.55	Peak
10	22.775	43.15	0.39	10.89	54.43	60.00	-5.57	Peak

END