

3.6 Out of Band Emissions Measurement

3.6.1 Limit

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequency Range (MHz)	Field Strength (micровolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

3.6.2 Measuring Instruments and Setting

Please refer to section 4 of equipments list in this report. The following table is the setting of the spectrum analyzer.

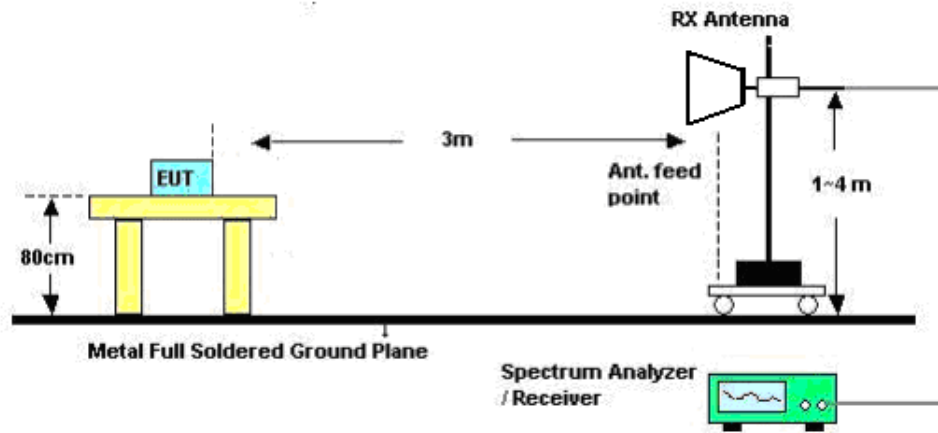
Spectrum Analyzer	Setting
Attenuation	Auto
Span Frequency	100 MHz
RB / VB (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	100 KHz /300 KHz for Peak

3.6.3 Test Procedures

The test procedure is the same as section 3.5.3, only the frequency range investigated is limited to 100MHz around bandedges.

In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice DA00-705 will be followed.

3.6.4 Test Setup Layout



3.6.5 Test Deviation

There are no deviations with the original standard.

3.6.6 EUT Operation during Test

The EUT was programmed to be in continuously receiving mode.

3.6.7 Test Result of Band Edge and Fundamental Emissions

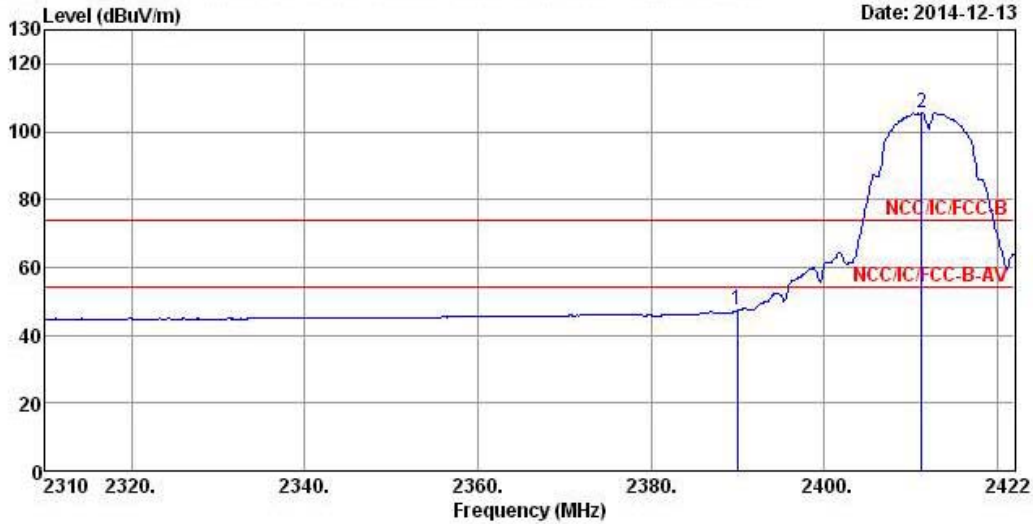
Following channel(s) was (were) selected for the final test as listed below.

MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	Ant.2	1, 6, 11	DSSS	DBPSK	1
802.11b	Ant.1+2(CDD)	1, 6, 11	DSSS	DBPSK	1
802.11g	Ant.2	1, 6, 11	OFDM	BPSK	6
802.11g	Ant.1+2(CDD)	1, 6, 11	OFDM	BPSK	6
802.11n 20MHz	Ant.2	1, 6, 11	OFDM	BPSK	MCS0 (6.5)
802.11n 20MHz	Ant.1+2(CDD)	1, 6, 11	OFDM	BPSK	MCS0 (6.5)
802.11n 40MHz	Ant.2	3, 6, 9	OFDM	BPSK	MCS0 (13)
802.11n 40MHz	Ant.1+2(CDD)	3, 6, 9	OFDM	BPSK	MCS0 (13)



Band Edge and Fundamental Emissions

Operating Mode	802.11b / Ch. 1 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.968	47.43	-6.57	54.00	15.08	28.41	3.94	0.00	Average	---	---
2 *	2411.248	105.69	51.69	54.00	73.31	28.44	3.94	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

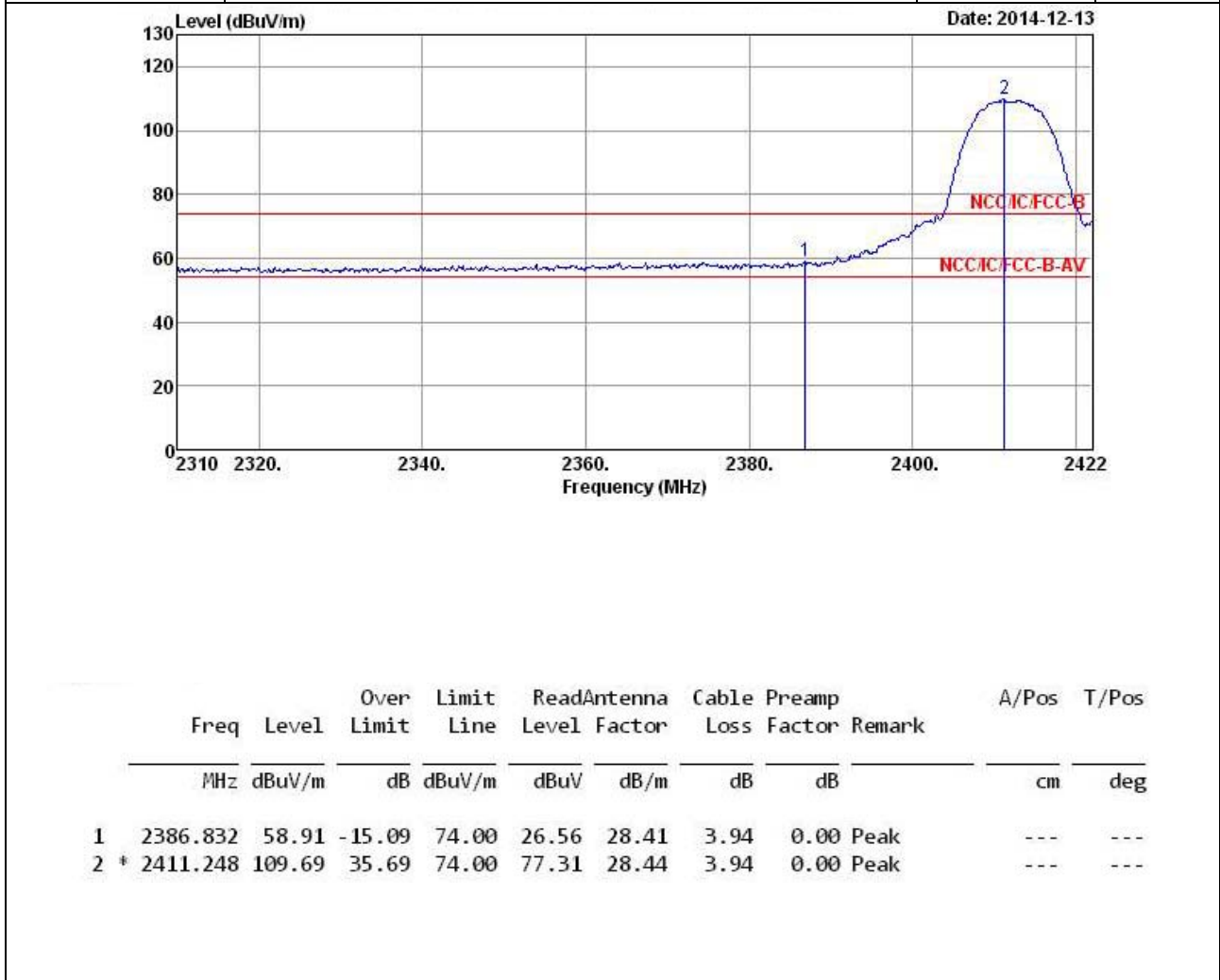
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11b / Ch. 1 / Ant.2	Polarization	V
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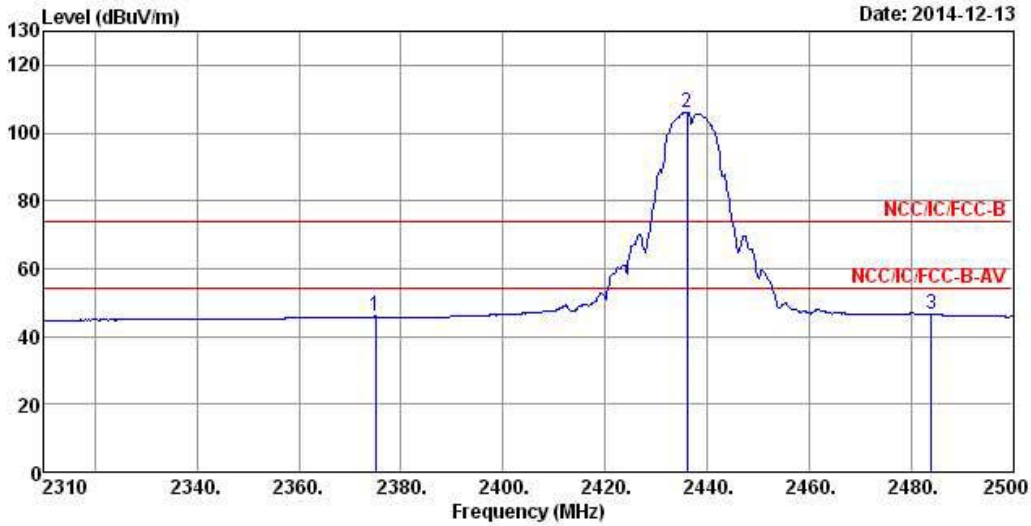
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2386.832	58.91	-15.09	74.00	26.56	28.41	3.94	0.00	Peak	---	---
2 *	2411.248	109.69	35.69	74.00	77.31	28.44	3.94	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11b / Ch. 6 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	2374.980	45.90	-8.10	54.00	13.59	28.38	3.93	0.00	Average	---	---
2 *	2436.160	106.06	52.06	54.00	73.64	28.48	3.94	0.00	Average	---	---
3	2484.040	46.46	-7.54	54.00	13.94	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).

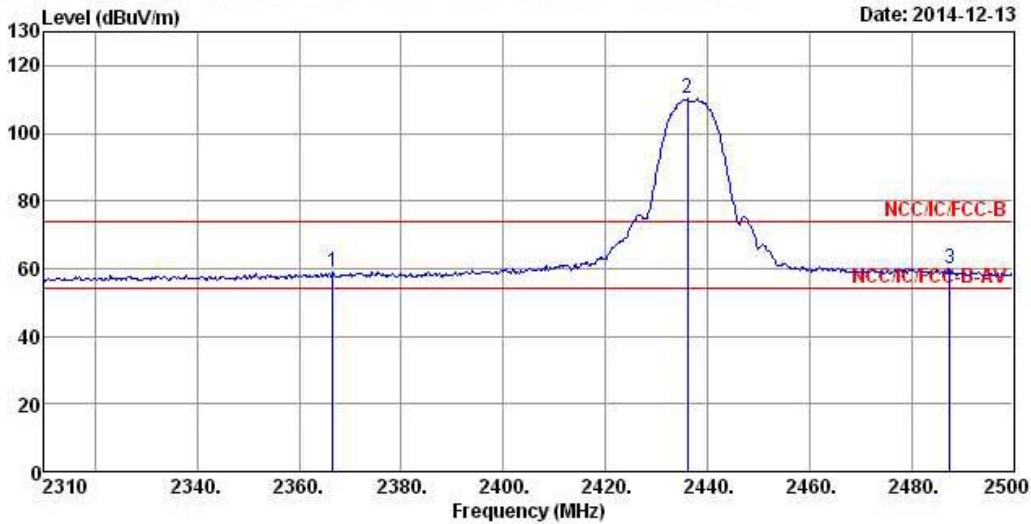
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11b / Ch. 6 / Ant.2	Polarization	V
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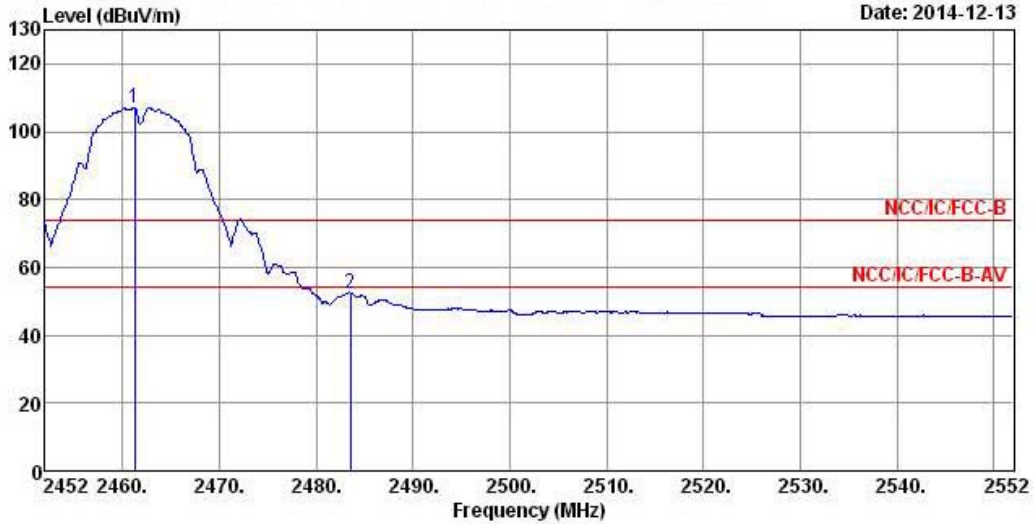
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2366.620	59.11	-14.89	74.00	26.83	28.35	3.93	0.00	Peak	---	---
2 *	2436.160	110.25	36.25	74.00	77.83	28.48	3.94	0.00	Peak	---	---
3	2487.460	59.73	-14.27	74.00	27.21	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11b / Ch. 11 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2461.200	107.04	53.04	54.00	74.56	28.54	3.94	0.00	Average	---	---
2	2483.500	52.34	-1.66	54.00	19.82	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

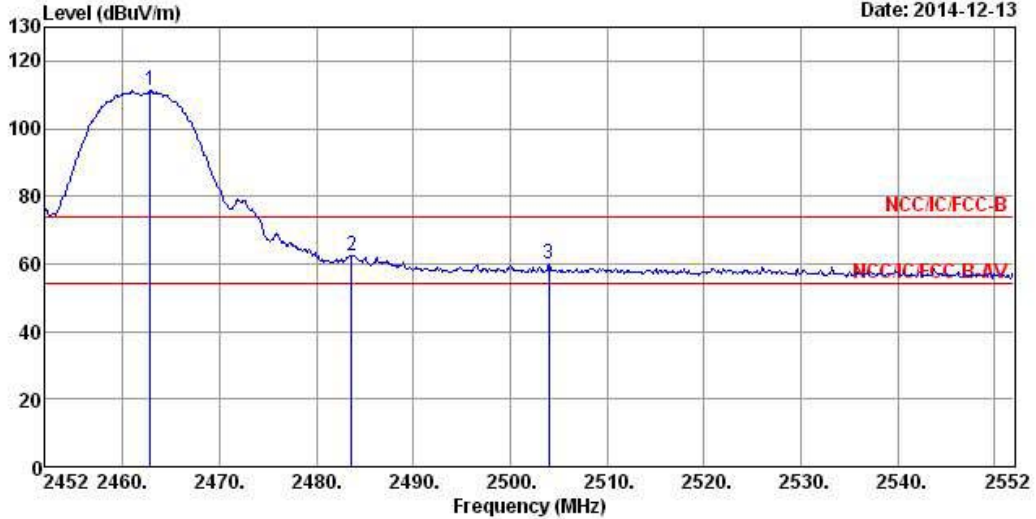
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11b / Ch. 11 / Ant.2	Polarization	V
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Date: 2014-12-13



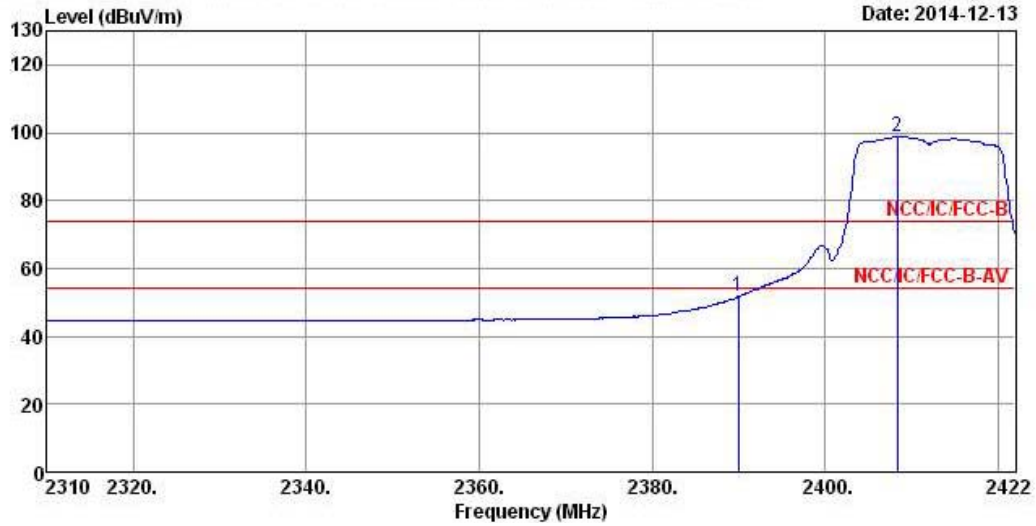
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2462.800	111.11	37.11	74.00	78.62	28.54	3.95	0.00	Peak	---	---
2	2483.600	62.43	-11.57	74.00	29.91	28.57	3.95	0.00	Peak	---	---
3	2504.000	59.91	-14.09	74.00	27.35	28.60	3.96	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 1 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.968	51.95	-2.05	54.00	19.60	28.41	3.94	0.00	Average	---	---
2 *	2408.336	98.86	44.86	54.00	66.48	28.44	3.94	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

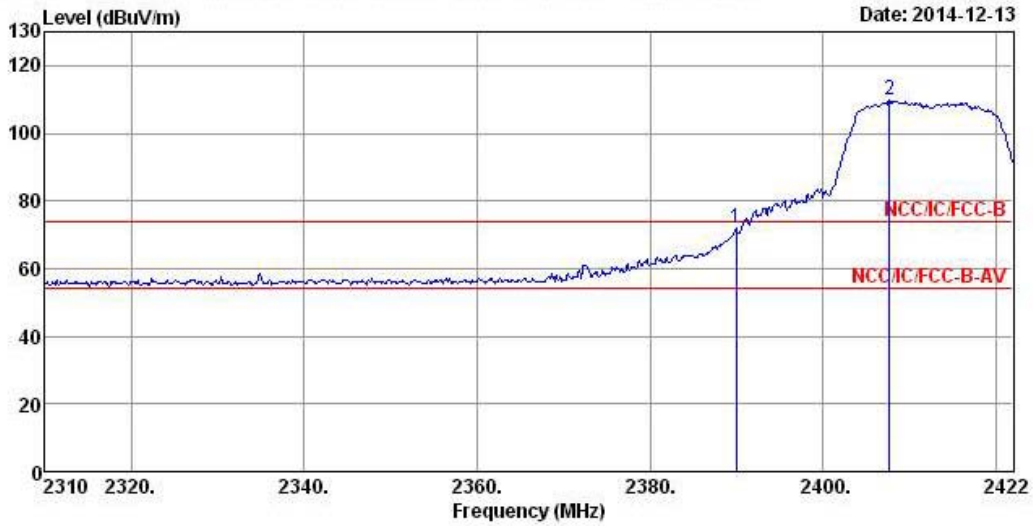
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 1 / Ant.2	Polarization	V
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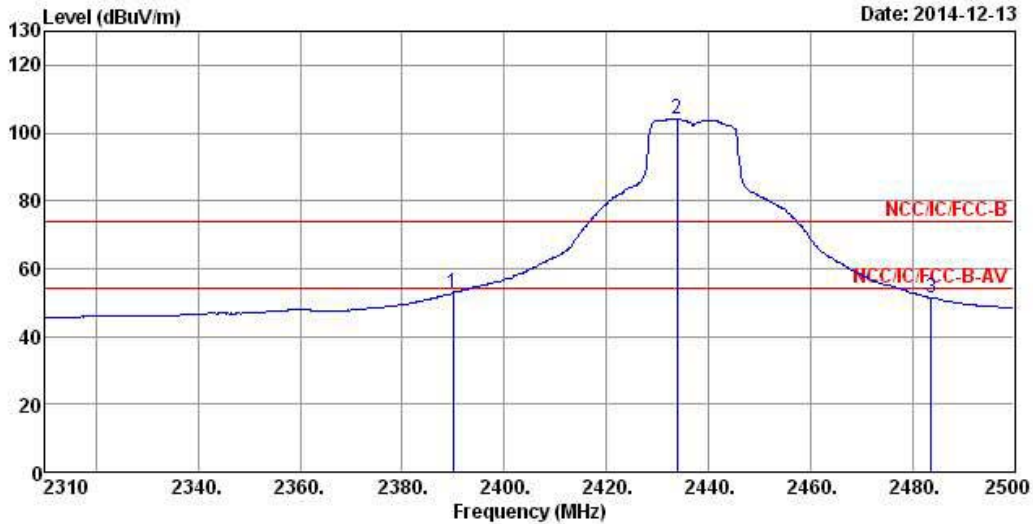
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.968	71.92	-2.08	74.00	39.57	28.41	3.94	0.00	Peak	---	---
2 *	2407.664	109.73	35.73	74.00	77.35	28.44	3.94	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 6 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.990	52.86	-1.14	54.00	20.51	28.41	3.94	0.00	Average	---	---
2 *	2433.880	104.23	50.23	54.00	71.81	28.48	3.94	0.00	Average	---	---
3	2483.660	51.43	-2.57	54.00	18.91	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).

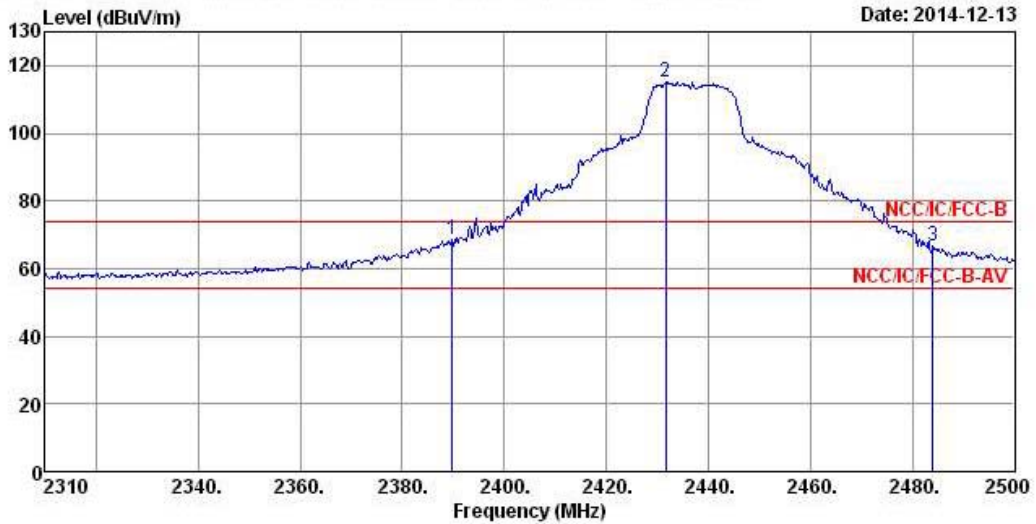
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 6 / Ant.2	Polarization	V
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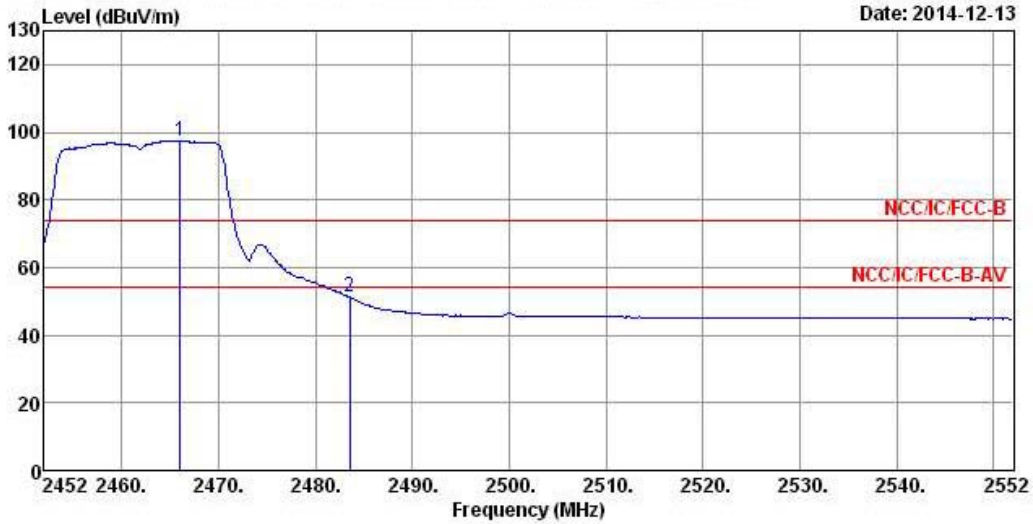
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.800	68.77	-5.23	74.00	36.42	28.41	3.94	0.00	Peak	---	---
2 *	2431.600	115.31	41.31	74.00	82.89	28.48	3.94	0.00	Peak	---	---
3	2484.040	66.81	-7.19	74.00	34.29	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 11 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2466.000	97.54	43.54	54.00	65.05	28.54	3.95	0.00	Average	---	---
2	2483.500	51.22	-2.78	54.00	18.70	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).

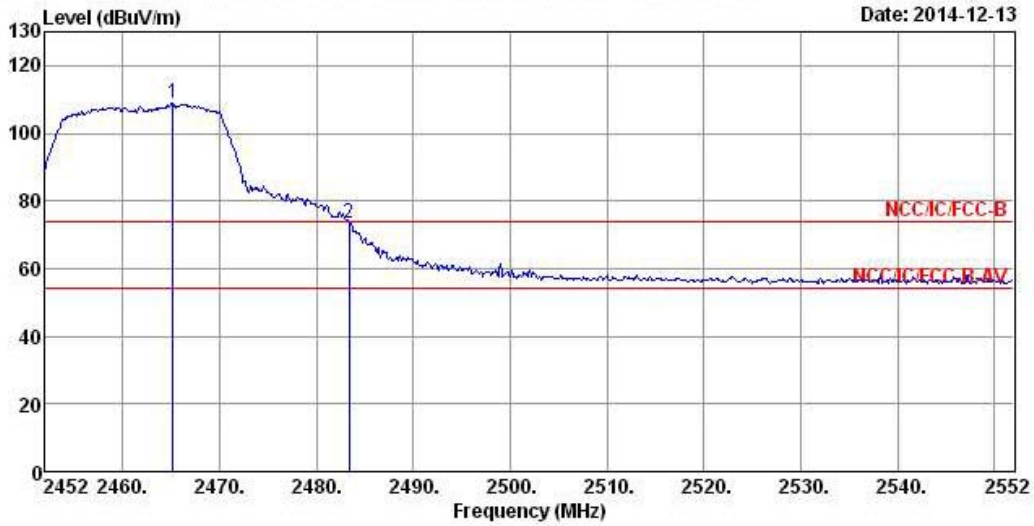
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 11 / Ant.2	Polarization	V
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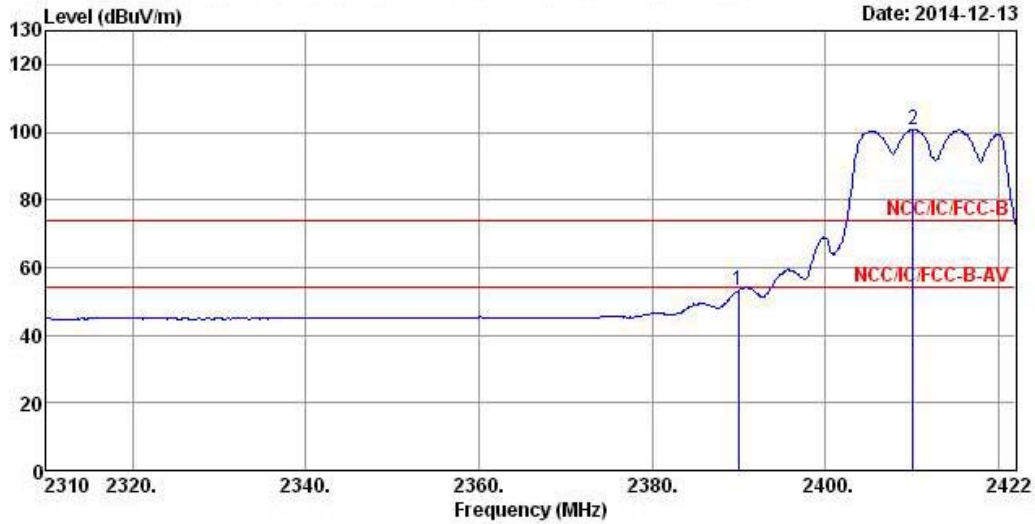
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2465.200	108.82	34.82	74.00	76.33	28.54	3.95	0.00	Peak	---	---
2	2483.400	73.57	-0.43	74.00	41.05	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 1 / Ant. 1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.968	53.09	-0.91	54.00	20.74	28.41	3.94	0.00	Average	---	---
2 *	2410.128	100.84	46.84	54.00	68.46	28.44	3.94	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

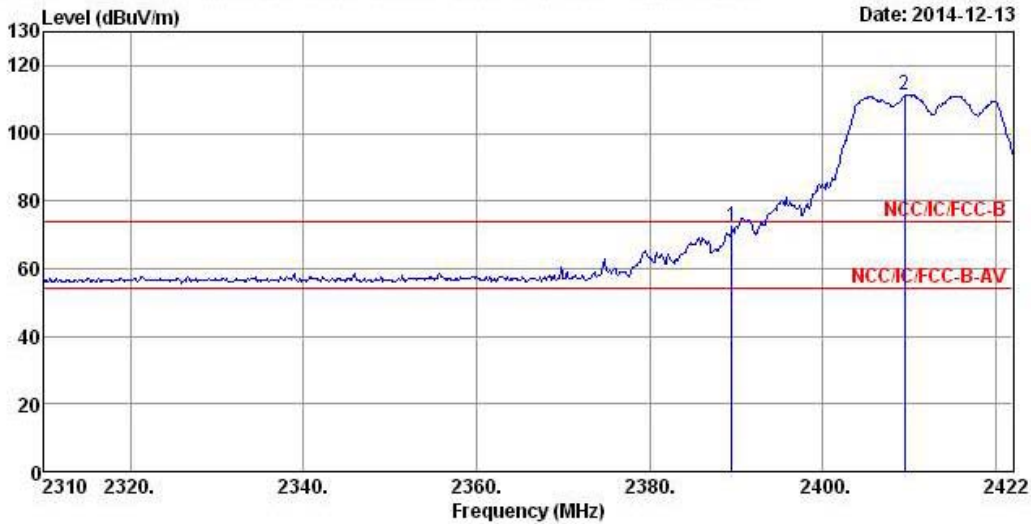
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 1 / Ant.1+2	Polarization	V
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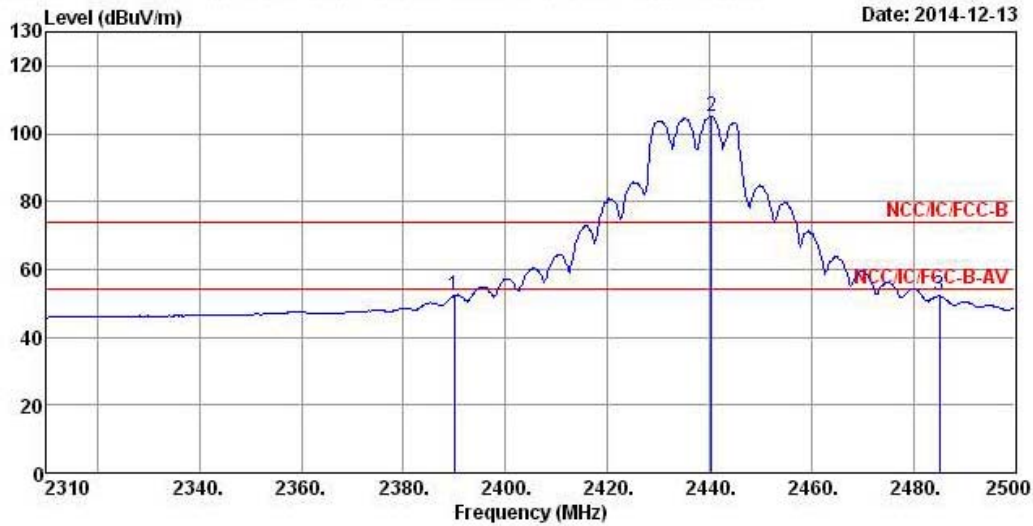
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.520	72.67	-1.33	74.00	40.32	28.41	3.94	0.00	Peak	---	---
2 *	2409.456	111.53	37.53	74.00	79.15	28.44	3.94	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 6 / Ant.1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	dB	dB		cm	deg
1	2389.990	52.17	-1.83	54.00	19.82	28.41	3.94	0.00	Average	---	---
2 *	2440.340	105.06	51.06	54.00	72.61	28.51	3.94	0.00	Average	---	---
3	2485.180	52.19	-1.81	54.00	19.67	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).

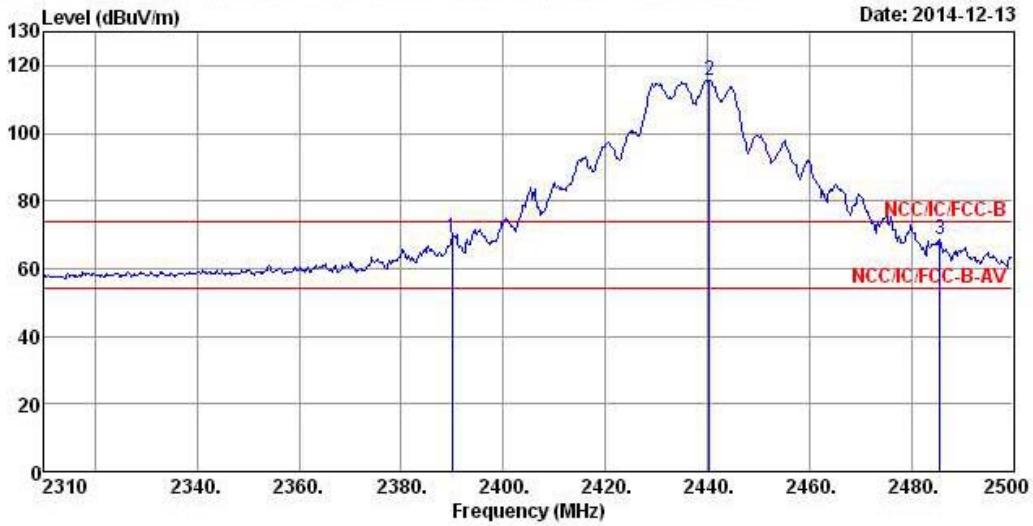
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 6 / Ant.1+2	Polarization	V
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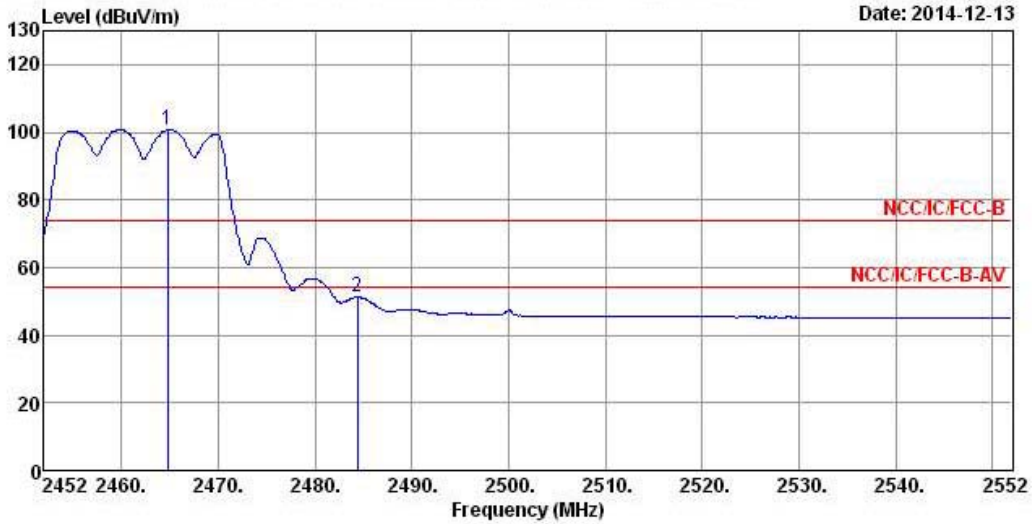
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.990	69.13	-4.87	74.00	36.78	28.41	3.94	0.00	Peak	---	---
2 *	2440.340	115.49	41.49	74.00	83.04	28.51	3.94	0.00	Peak	---	---
3	2485.560	68.79	-5.21	74.00	36.27	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 11 / Ant.1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2464.800	100.80	46.80	54.00	68.31	28.54	3.95	0.00	Average	---	---
2	2484.400	51.38	-2.62	54.00	18.86	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

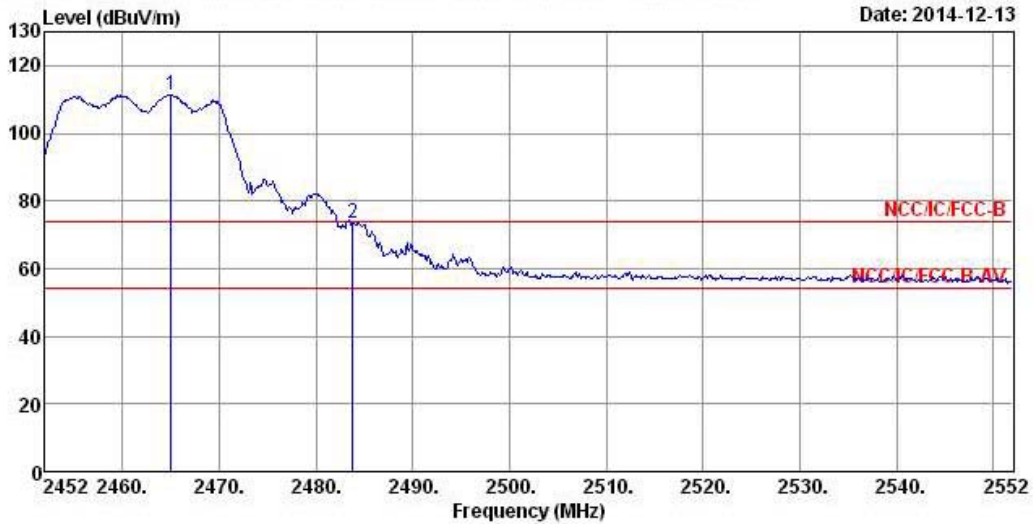
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11g / Ch. 11 / Ant.1+2	Polarization	V
-----------------------	----------------------------	---------------------	---



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2465.000	111.42	37.42	74.00	78.93	28.54	3.95	0.00	Peak	---	---
2	2483.800	73.60	-0.40	74.00	41.08	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

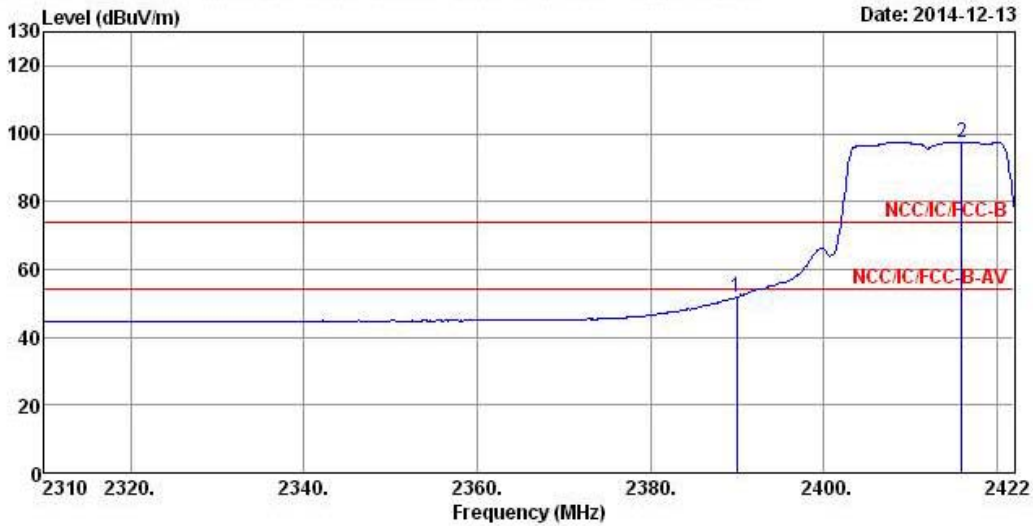
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 1 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.968	51.81	-2.19	54.00	19.46	28.41	3.94	0.00	Average	---	---
2 *	2415.952	97.61	43.61	54.00	65.23	28.44	3.94	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

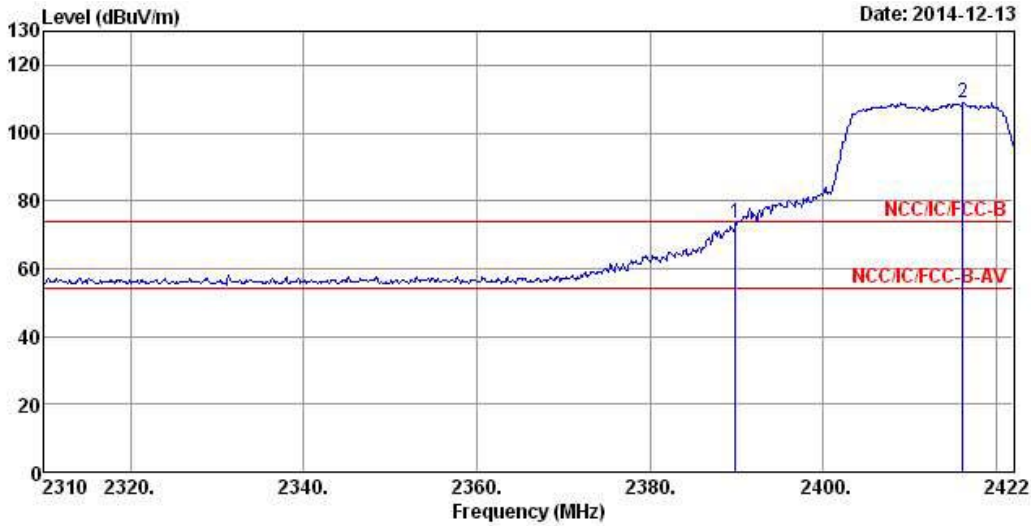
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 1 / Ant.2	Polarization	V
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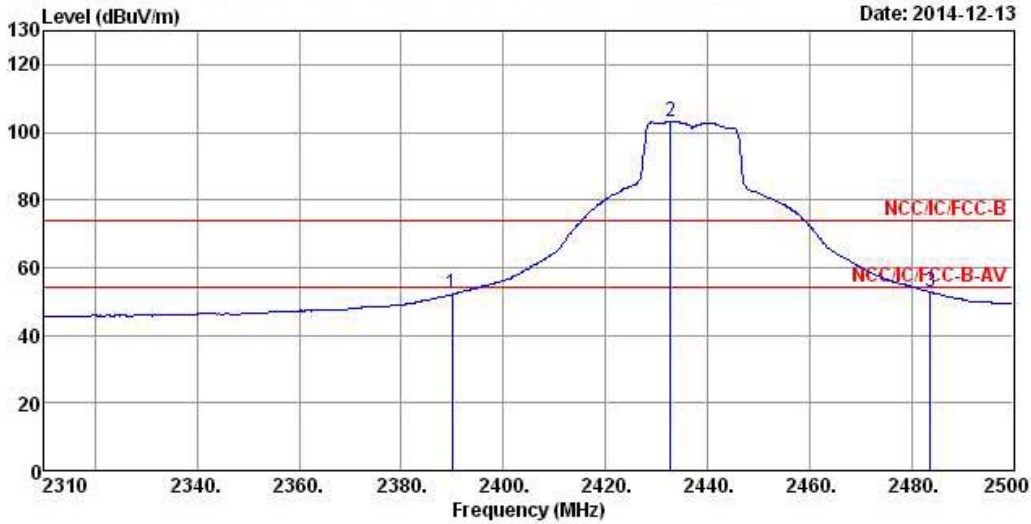
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.856	73.29	-0.71	74.00	40.94	28.41	3.94	0.00	Peak	---	---
2 *	2416.176	108.81	34.81	74.00	76.43	28.44	3.94	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 6 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.990	52.08	-1.92	54.00	19.73	28.41	3.94	0.00	Average	---	---
2 *	2432.740	103.22	49.22	54.00	70.80	28.48	3.94	0.00	Average	---	---
3	2483.660	52.92	-1.08	54.00	20.40	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).

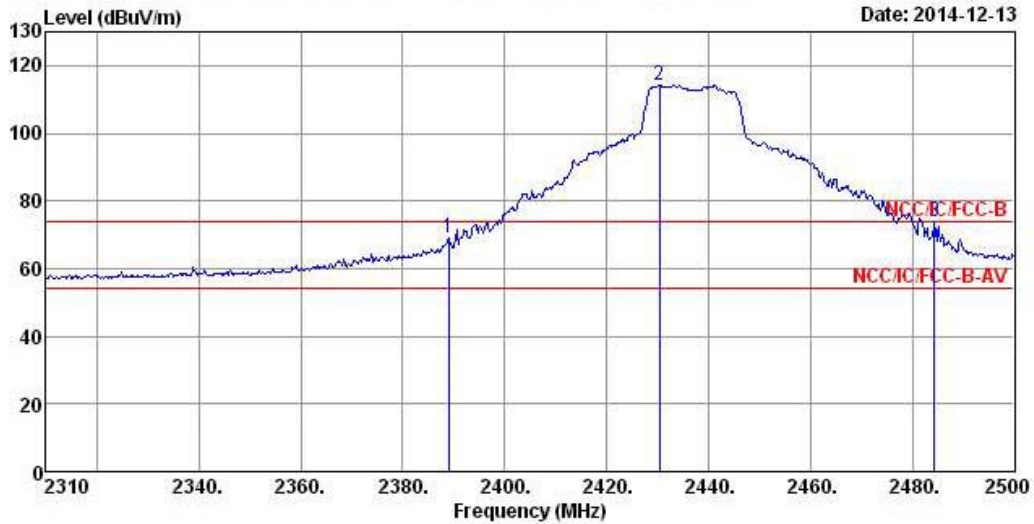
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 6 / Ant.2	Polarization	V
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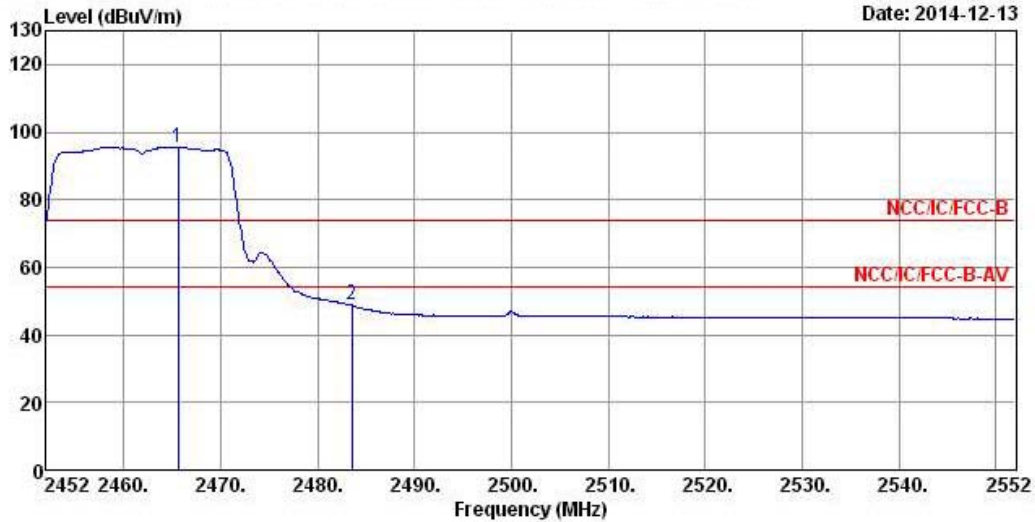
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.040	68.91	-5.09	74.00	36.56	28.41	3.94	0.00	Peak	---	---
2 *	2430.460	114.28	40.28	74.00	81.86	28.48	3.94	0.00	Peak	---	---
3	2484.420	73.64	-0.36	74.00	41.12	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 11 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2465.600	95.59	41.59	54.00	63.10	28.54	3.95	0.00	Average	---	---
2	2483.500	48.90	-5.10	54.00	16.38	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

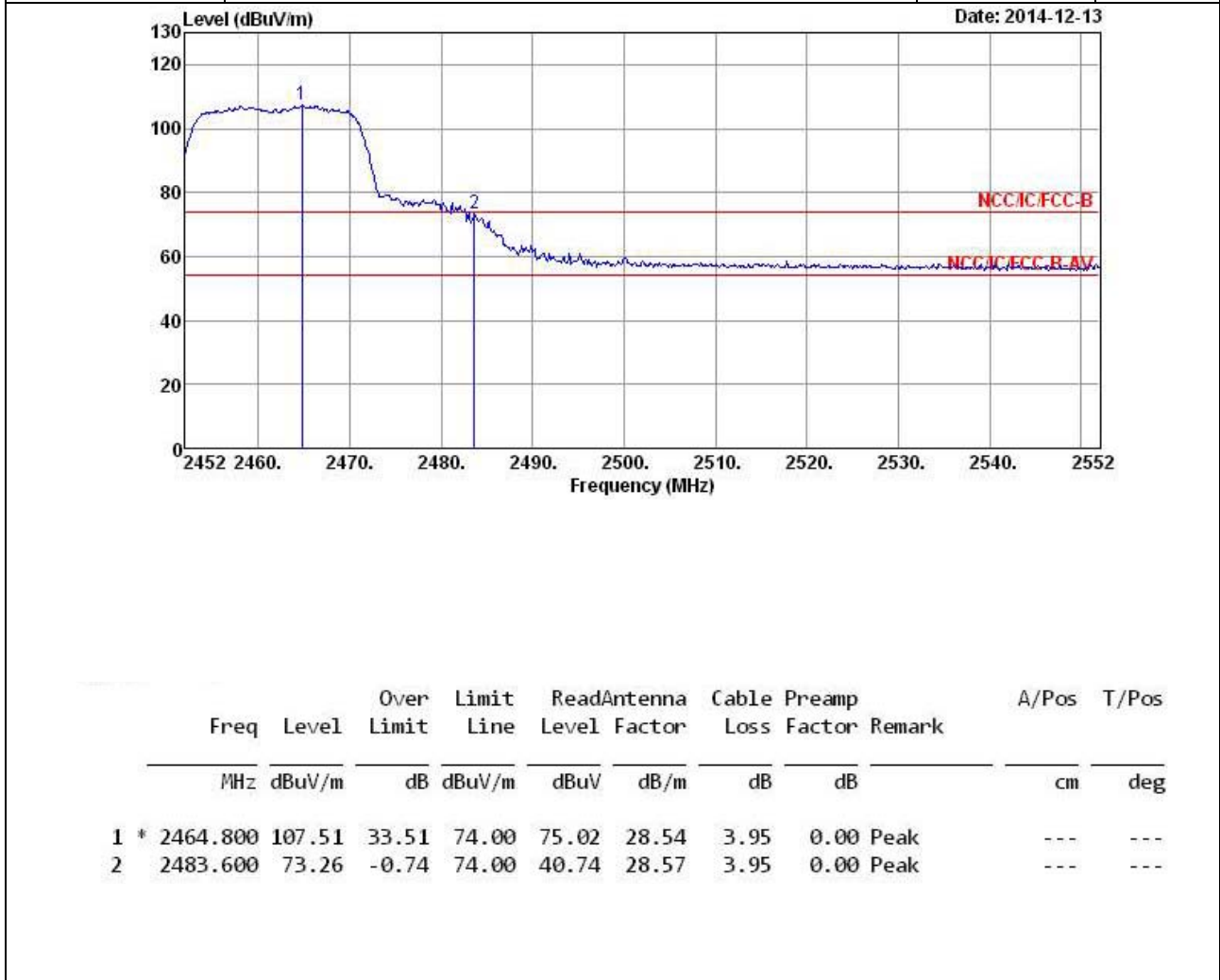
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 11 / Ant.2	Polarization	V
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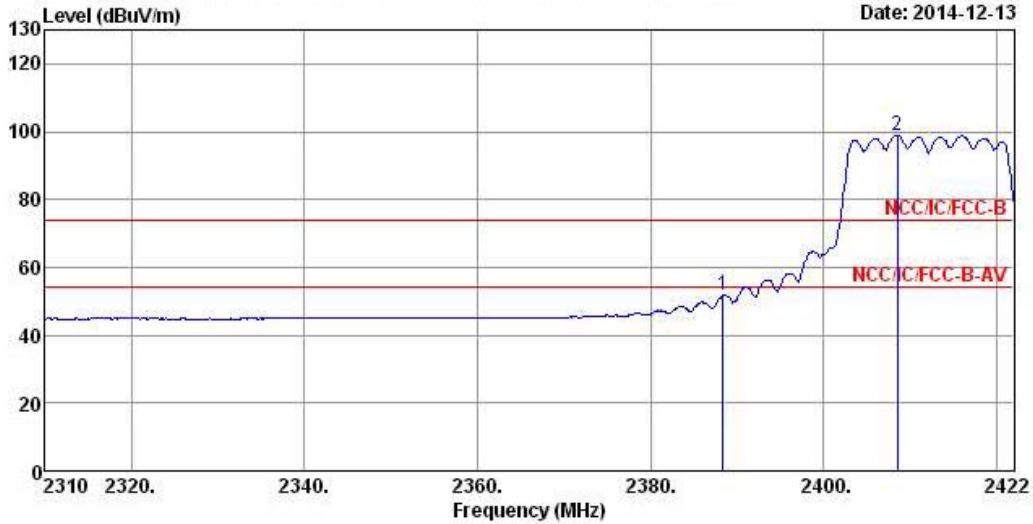
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2464.800	107.51	33.51	74.00	75.02	28.54	3.95	0.00	Peak	---	---
2	2483.600	73.26	-0.74	74.00	40.74	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 1 / Ant. 1+2	Polarization	V
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Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2388.400	51.83	-2.17	54.00	19.48	28.41	3.94	0.00 Average	---	---
2 *	2408.560	99.05	45.05	54.00	66.67	28.44	3.94	0.00 Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

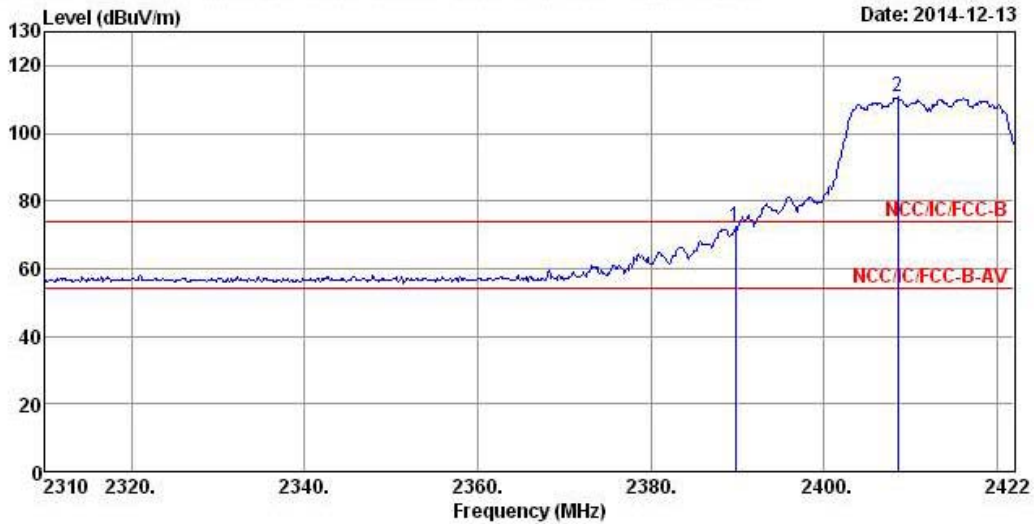
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 1 / Ant. 1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.744	72.37	-1.63	74.00	40.02	28.41	3.94	0.00	Peak	---	---
2 *	2408.560	110.67	36.67	74.00	78.29	28.44	3.94	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

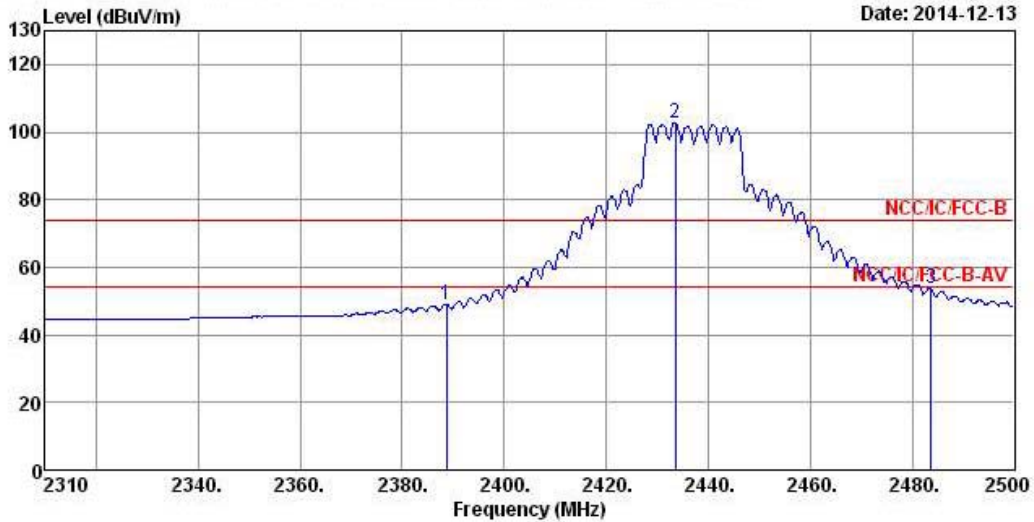
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 6 / Ant. 1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2388.660	48.96	-5.04	54.00	16.61	28.41	3.94	0.00	Average	---	---
2 *	2433.500	102.60	48.60	54.00	70.18	28.48	3.94	0.00	Average	---	---
3	2483.660	53.79	-0.21	54.00	21.27	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

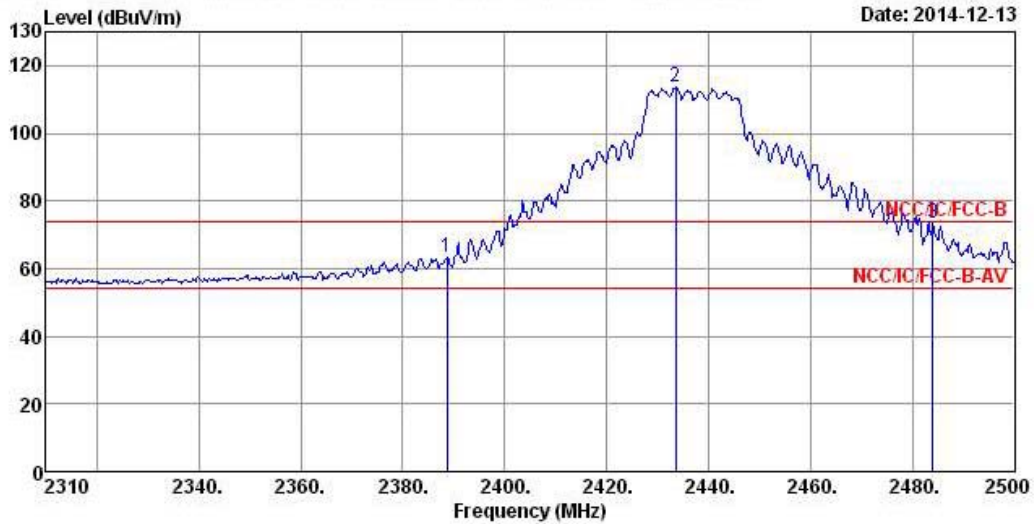
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 6 / Ant. 1+2	Polarization	V
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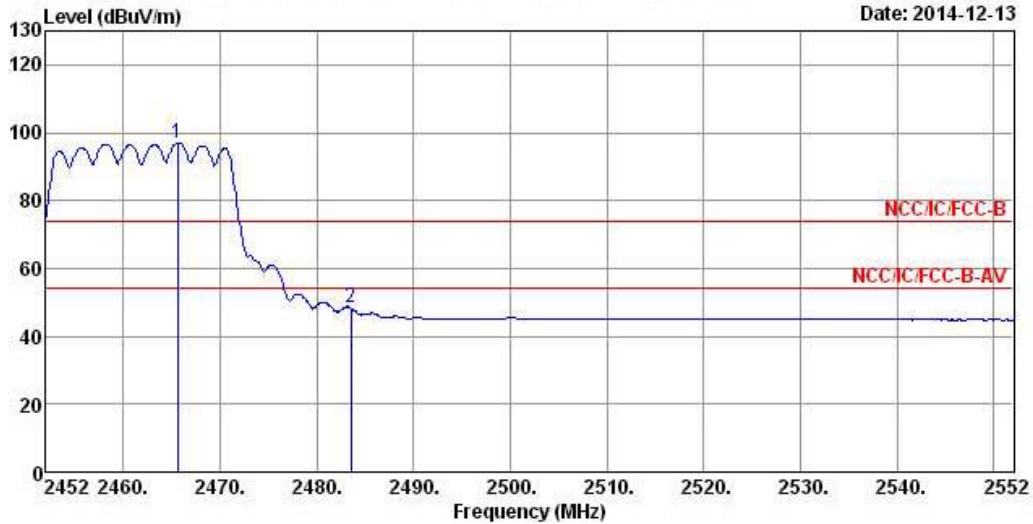
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2388.660	63.25	-10.75	74.00	30.90	28.41	3.94	0.00	Peak	---	---
2 *	2433.500	113.49	39.49	74.00	81.07	28.48	3.94	0.00	Peak	---	---
3	2484.040	73.62	-0.38	74.00	41.10	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 11 / Ant. 1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2465.600	96.98	42.98	54.00	64.49	28.54	3.95	0.00	Average	---	---
2	2483.500	48.33	-5.67	54.00	15.81	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

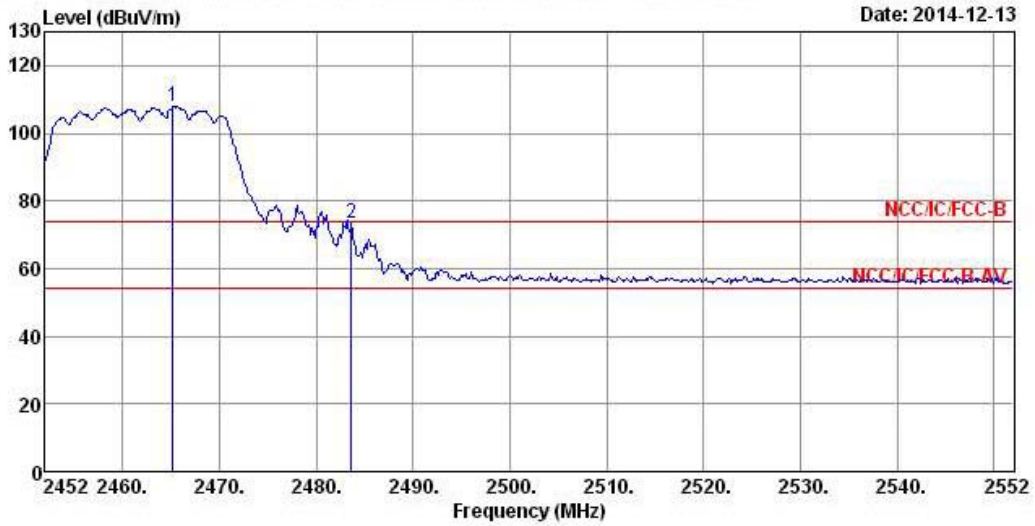
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (20M) / Ch. 11 / Ant. 1+2	Polarization	V
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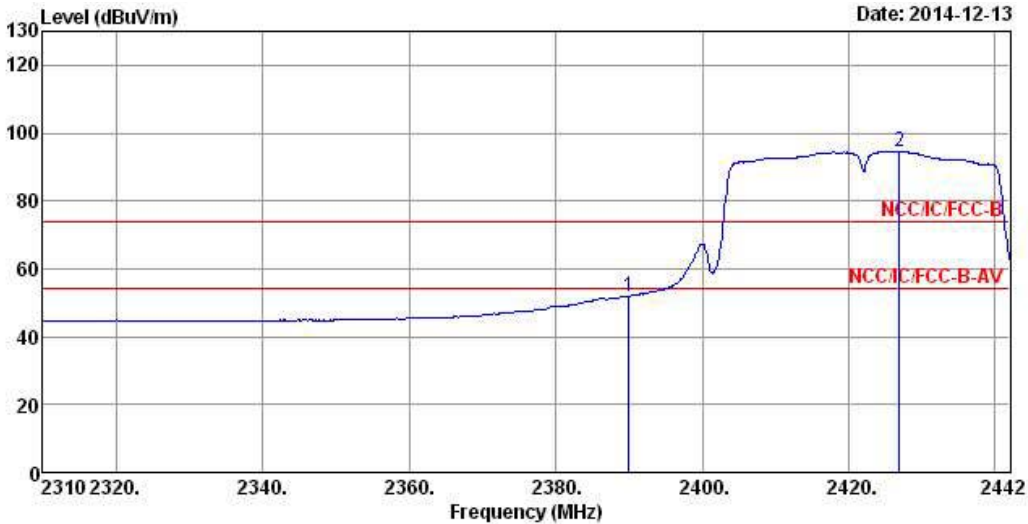
Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2465.200	108.10	34.10	74.00	75.61	28.54	3.95	0.00 Peak	---	---
2	2483.600	73.36	-0.64	74.00	40.84	28.57	3.95	0.00 Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 3 / Ant.2	Polarization	V
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Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
-2.08	54.00	19.57	28.41	3.94	0.00	Average	---	---
40.74	54.00	62.32	28.48	3.94	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).

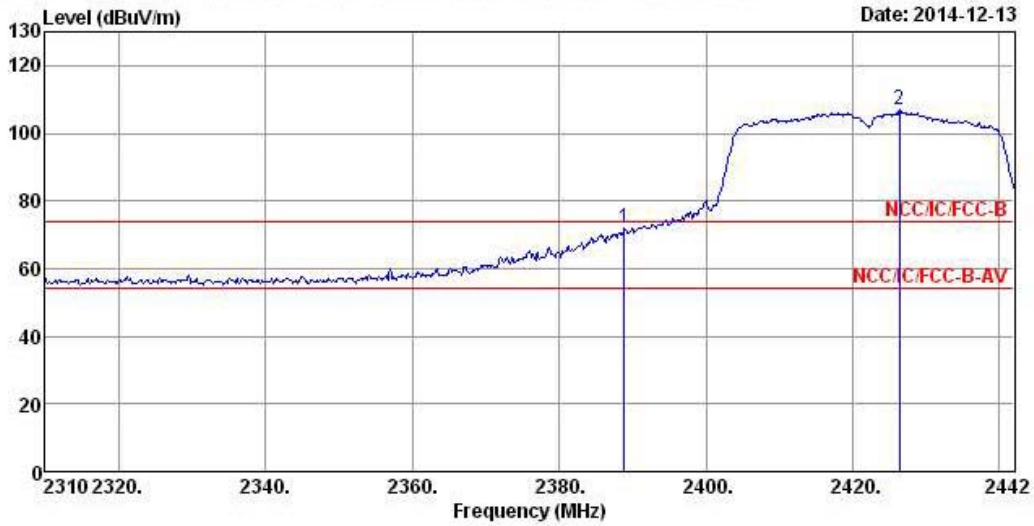
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 3 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2388.936	72.05	-1.95	74.00	39.70	28.41	3.94	0.00	Peak	---	---
2 *	2426.424	107.16	33.16	74.00	74.74	28.48	3.94	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

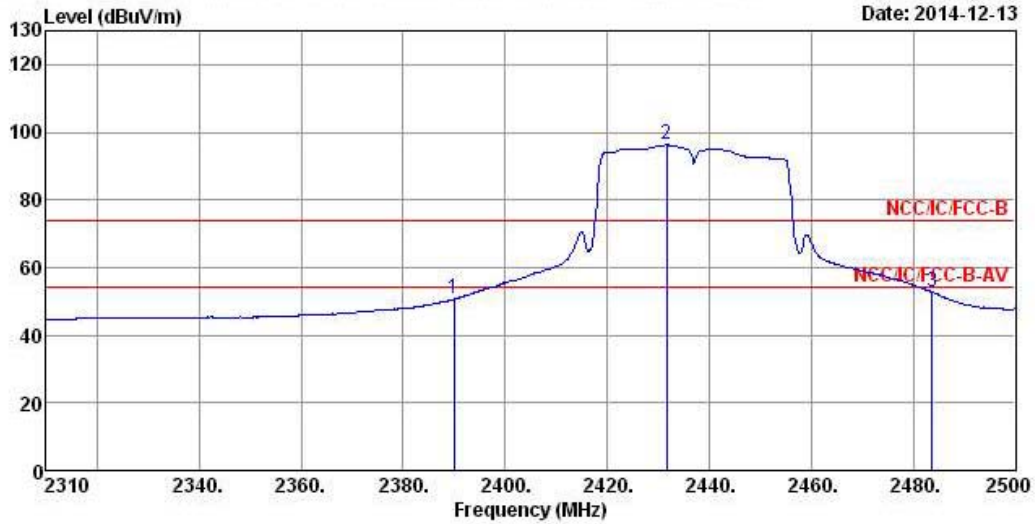
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 6 / Ant.2	Polarization	V
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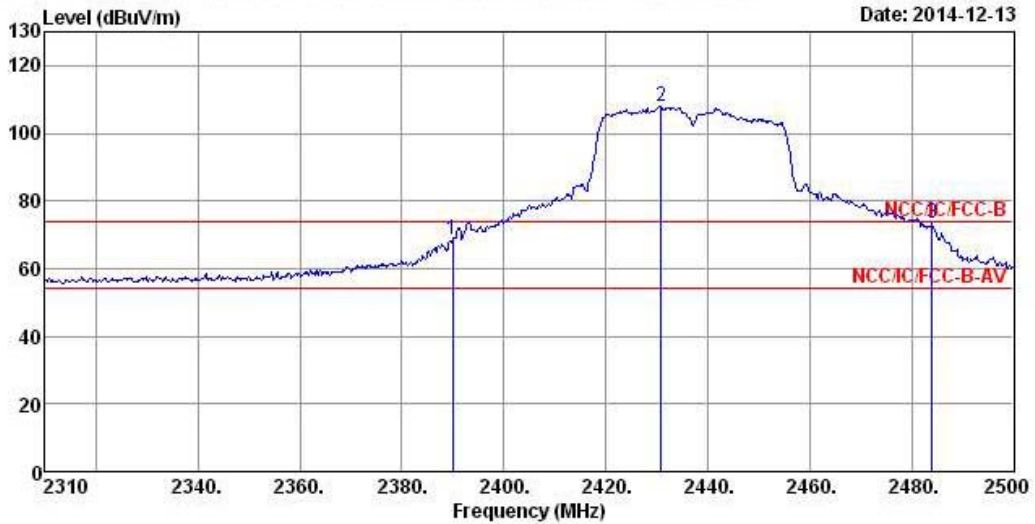
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.990	50.64	-3.36	54.00	18.29	28.41	3.94	0.00	Average	---	---
2 *	2431.600	96.25	42.25	54.00	63.83	28.48	3.94	0.00	Average	---	---
3	2483.660	52.79	-1.21	54.00	20.27	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 6 / Ant.2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.990	68.41	-5.59	74.00	36.06	28.41	3.94	0.00	Peak	---	---
2 *	2430.840	107.93	33.93	74.00	75.51	28.48	3.94	0.00	Peak	---	---
3	2484.040	73.17	-0.83	74.00	40.65	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

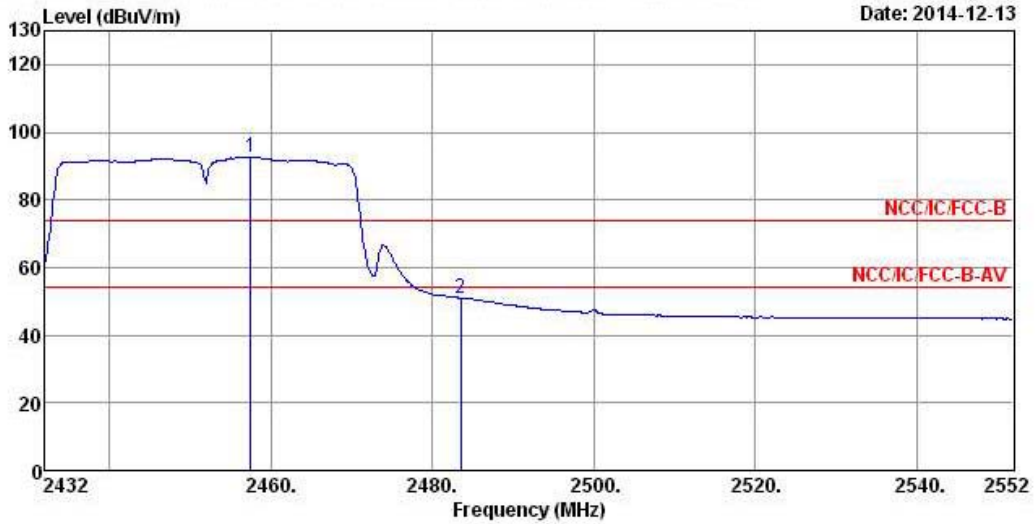
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 9 / Ant.2	Polarization	V
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Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2457.440	92.70	38.70	54.00	60.22	28.54	3.94	0.00 Average	---	---
2	2483.500	50.96	-3.04	54.00	18.44	28.57	3.95	0.00 Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

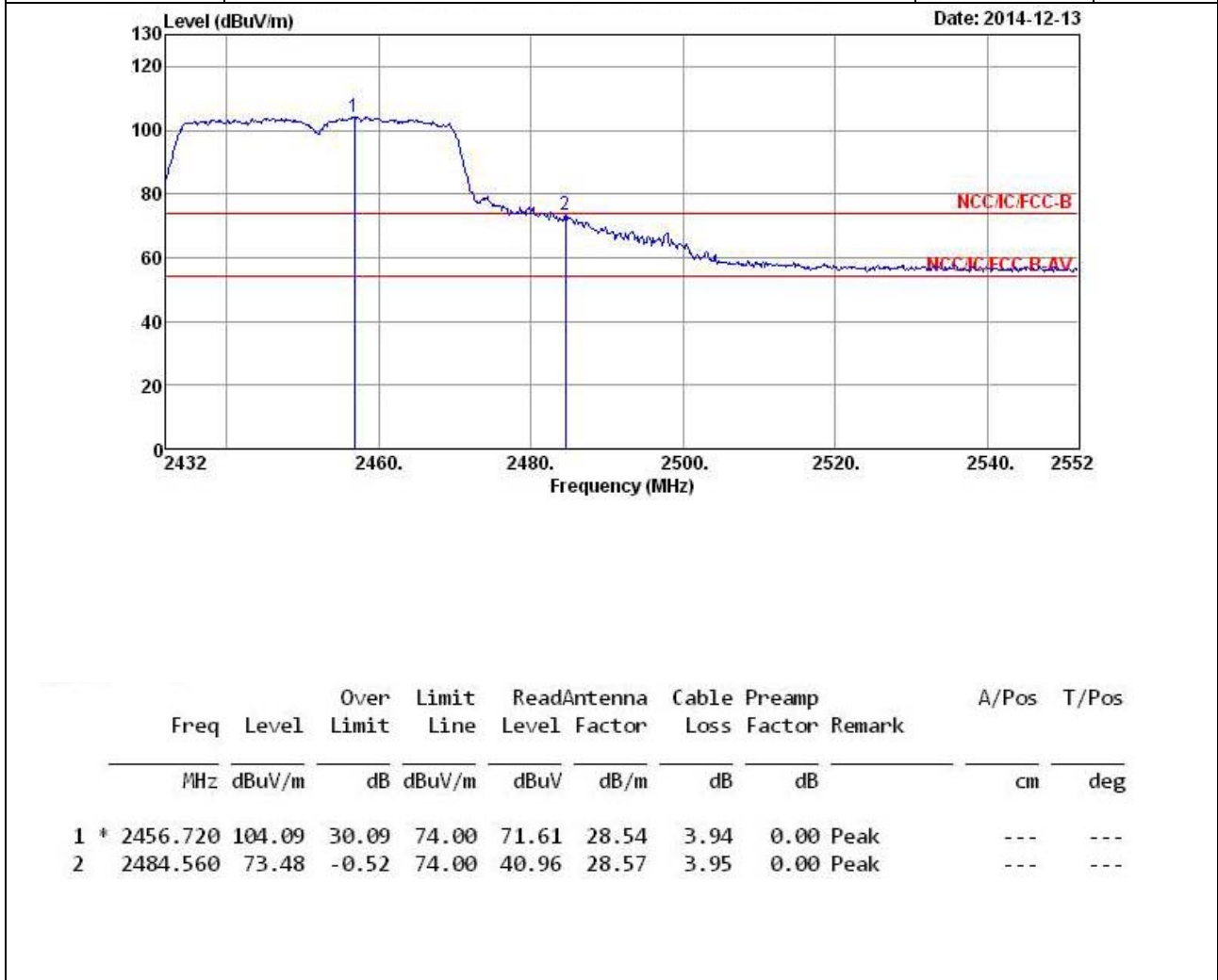
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 9 / Ant.2	Polarization	V
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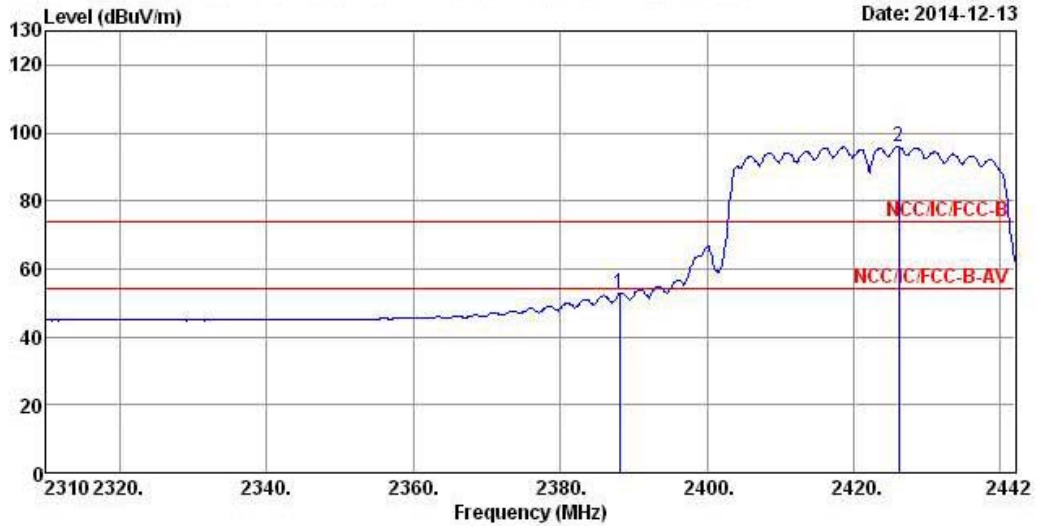
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2456.720	104.09	30.09	74.00	71.61	28.54	3.94	0.00	Peak	---	---
2	2484.560	73.48	-0.52	74.00	40.96	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 3 / Ant. 1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	2388.144	52.93	-1.07	54.00	20.58	28.41	3.94	0.00	Average	---	---
2 *	2426.160	96.12	42.12	54.00	63.70	28.48	3.94	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBUV/m) = 20 log Emission level (uV/m).

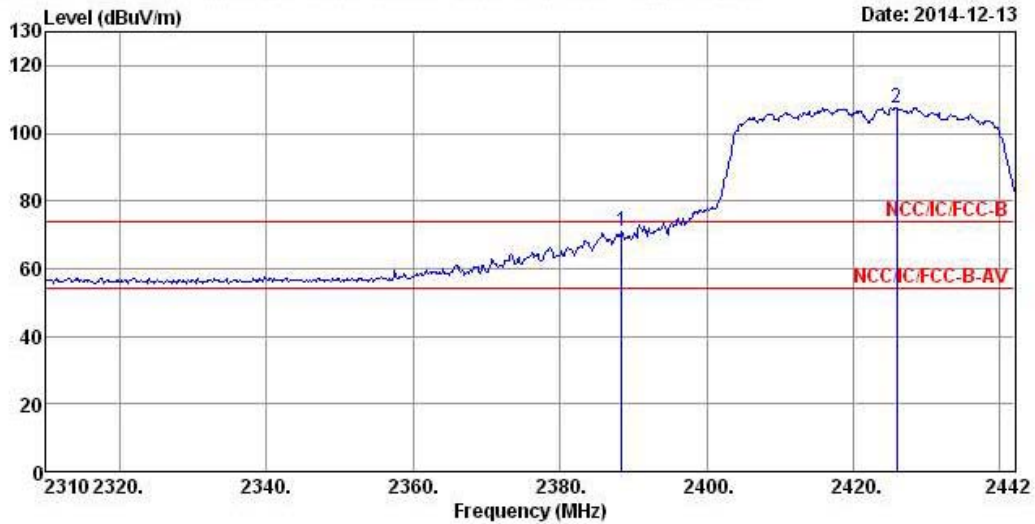
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 3 / Ant. 1+2	Polarization	V
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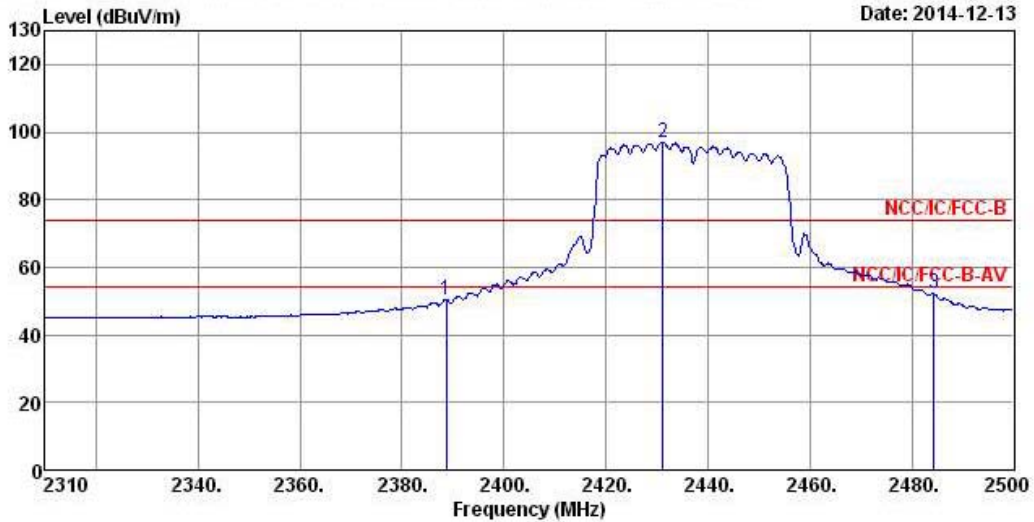
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2388.408	71.13	-2.87	74.00	38.78	28.41	3.94	0.00	Peak	---	---
2 *	2425.896	107.59	33.59	74.00	75.17	28.48	3.94	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 6 / Ant. 1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2388.660	50.26	-3.74	54.00	17.91	28.41	3.94	0.00	Average	---	---
2 *	2431.220	97.09	43.09	54.00	64.67	28.48	3.94	0.00	Average	---	---
3	2484.420	52.15	-1.85	54.00	19.63	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

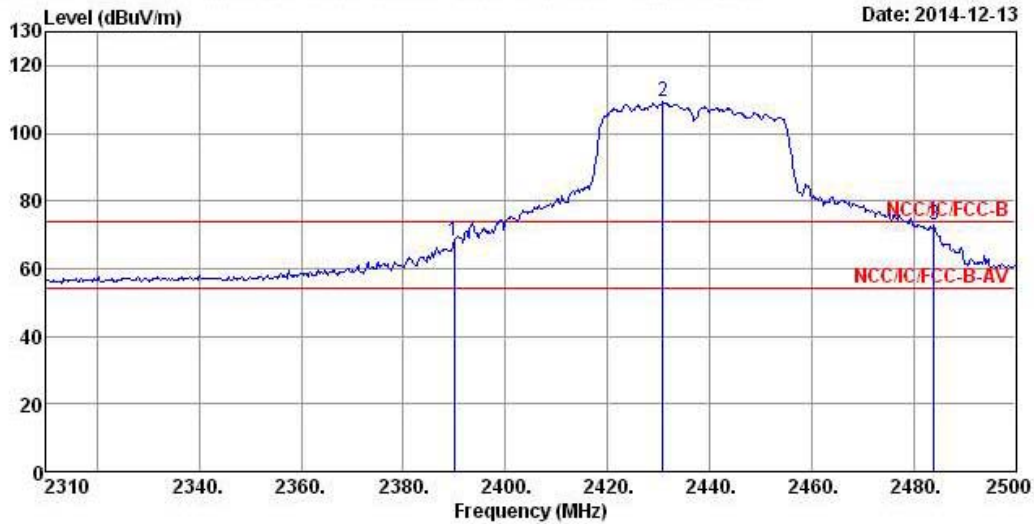
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 6 / Ant. 1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.990	67.92	-6.08	74.00	35.57	28.41	3.94	0.00	Peak	---	---
2 *	2430.840	109.17	35.17	74.00	76.75	28.48	3.94	0.00	Peak	---	---
3	2484.040	72.80	-1.20	74.00	40.28	28.57	3.95	0.00	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

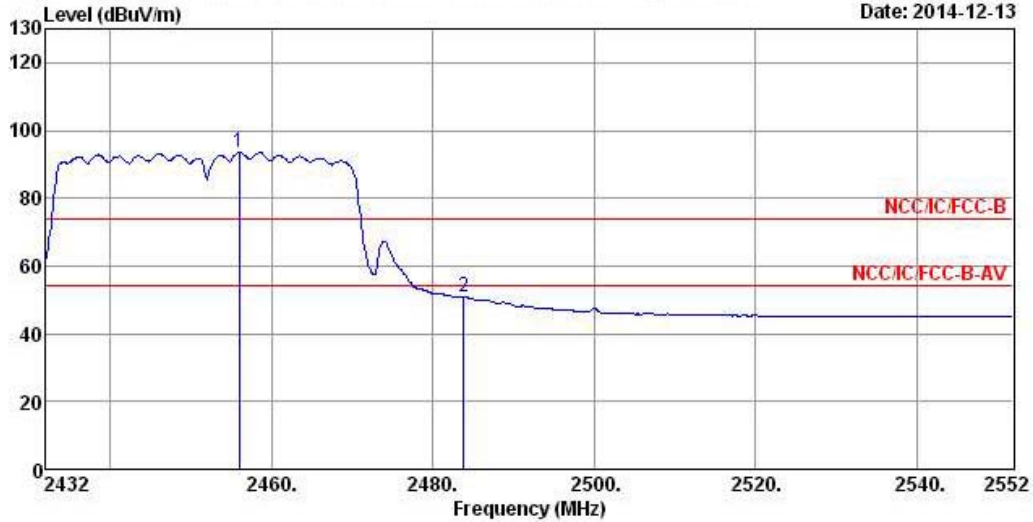
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 9 / Ant. 1+2	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2456.000	93.60	39.60	54.00	61.12	28.54	3.94	0.00	Average	---	---
2	2483.840	50.84	-3.16	54.00	18.32	28.57	3.95	0.00	Average	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

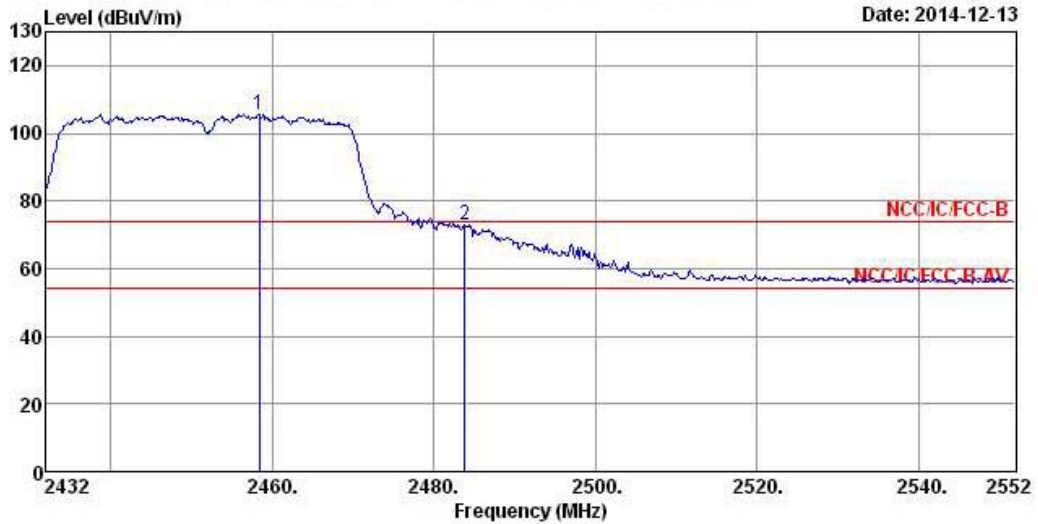
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



Band Edge and Fundamental Emissions

Operating Mode	802.11 n (40M) / Ch. 9 / Ant. 1+2	Polarization	V
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Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 *	2458.400	105.58	31.58	74.00	73.10	28.54	3.94	0.00 Peak	---	---
2	2483.840	72.99	-1.01	74.00	40.47	28.57	3.95	0.00 Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
 Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
 Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
 Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



3.6.8 Results of Emission not in Restricted Band

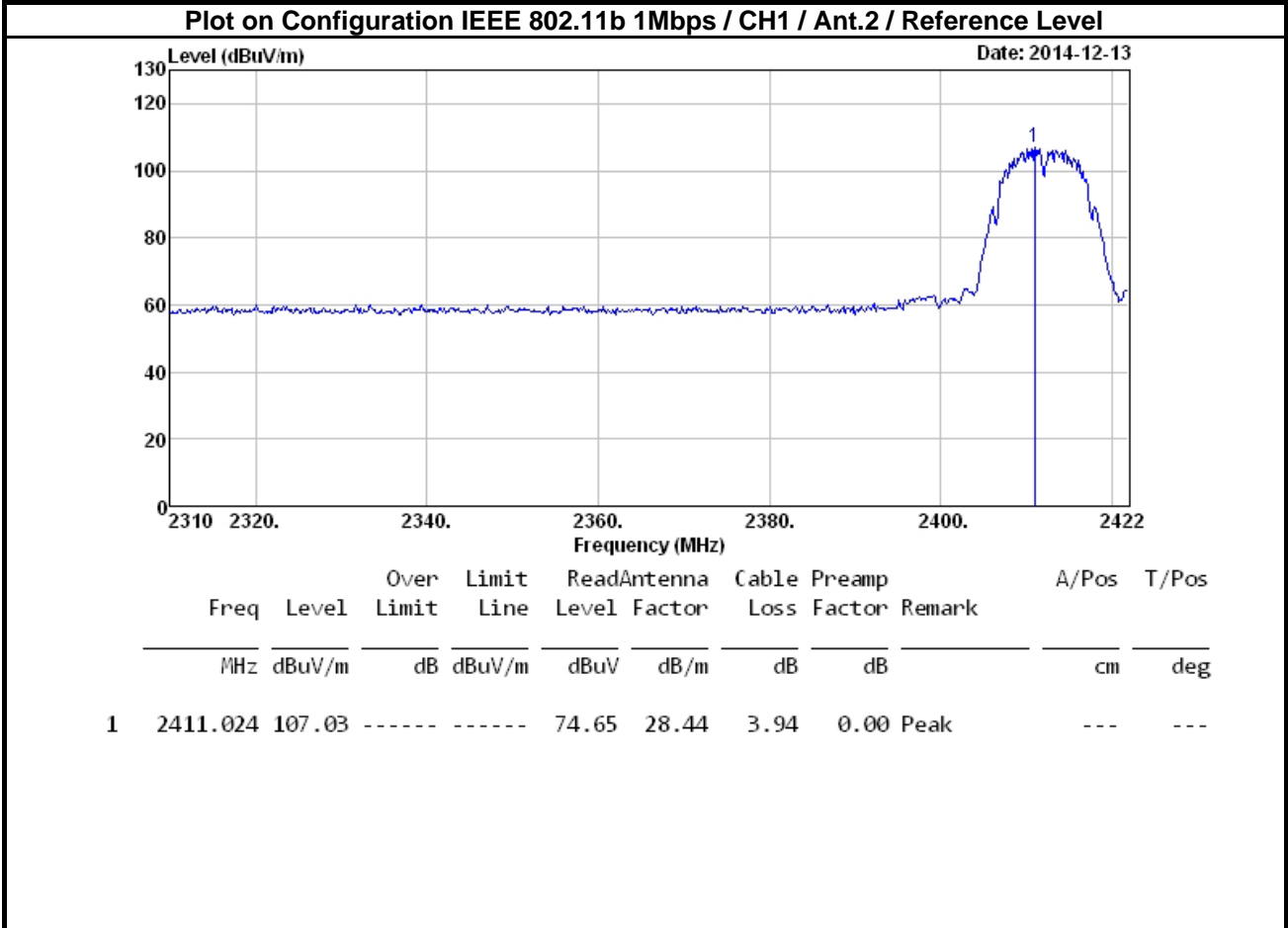
Following channel(s) was (were) selected for the final test as listed below.

MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	Ant.2	1, 6, 11	DSSS	DBPSK	1
802.11g	Ant.2	1, 6, 11	OFDM	BPSK	6
802.11g	Ant.1+2(CDD)	1, 6, 11	OFDM	BPSK	6
802.11n 20MHz	Ant.2	1, 6, 11	OFDM	BPSK	MCS0 (6.5)
802.11n 20MHz	Ant.1+2(CDD)	1, 6, 11	OFDM	BPSK	MCS0 (6.5)
802.11n 40MHz	Ant.2	3, 6, 9	OFDM	BPSK	MCS0 (13)
802.11n 40MHz	Ant.1+2(CDD)	3, 6, 9	OFDM	BPSK	MCS0 (13)



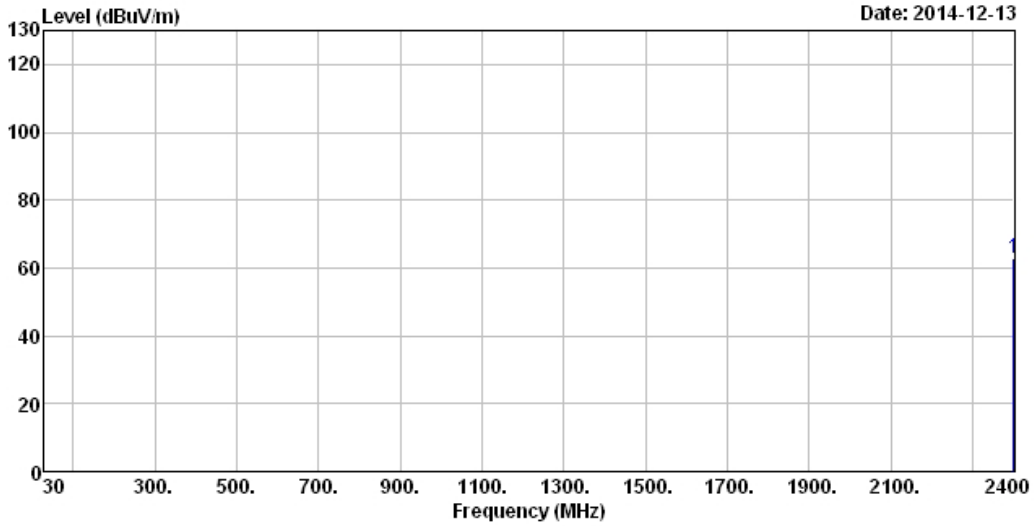
Configurations	802.11b	Test Engineer	Hunter
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< 1Mbps, Ant. 2>





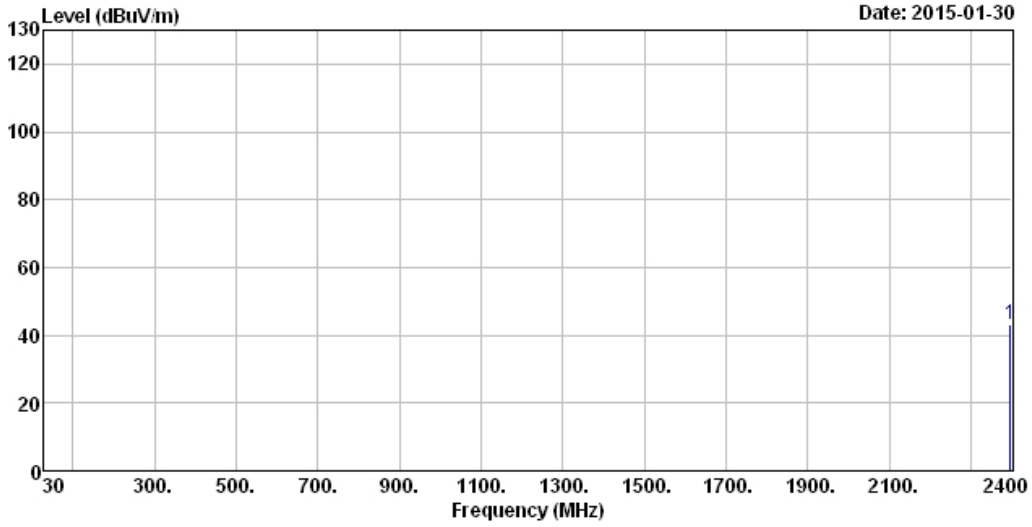
Plot on Configuration IEEE 802.11b 1Mbps / CH1 / Ant.2 / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2399.152	62.78	-----	-----	62.98	28.41	3.94	32.55	Peak	---	---



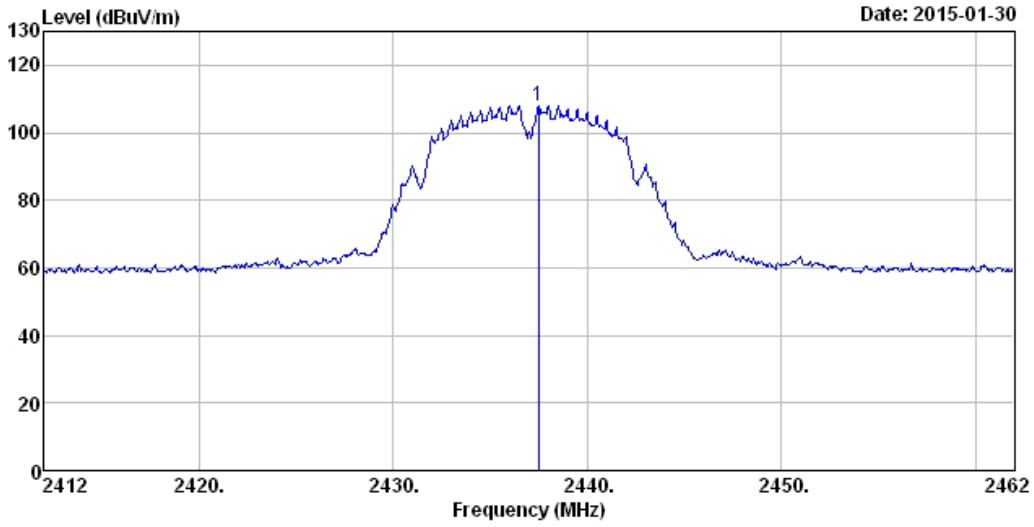
Plot on Configuration IEEE 802.11b 1Mbps / CH1 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2395.000	43.00	-----	-----	43.20	28.41	3.94	32.55	Peak	0	0



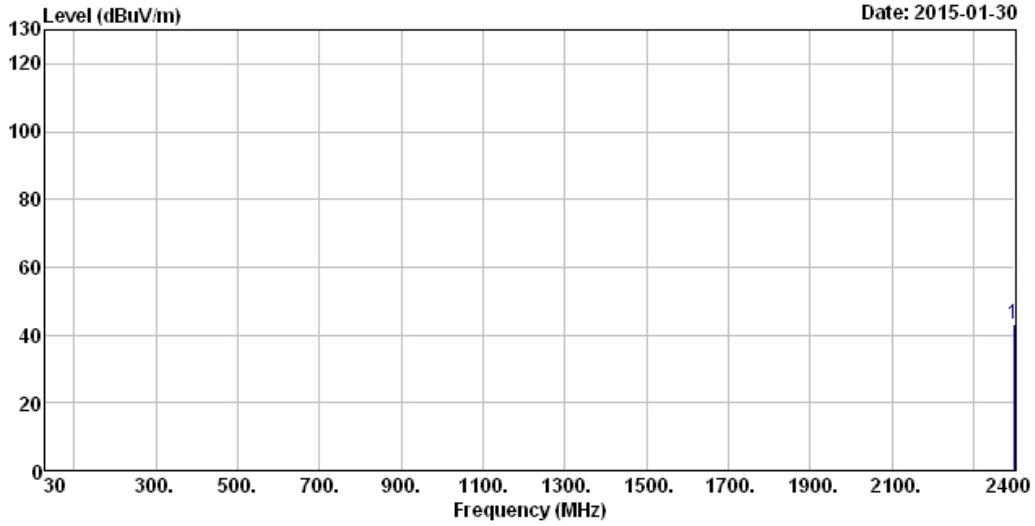
Plot on Configuration IEEE 802.11b 1Mbps / CH6 / Ant.2 / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2437.500	108.15	-----	-----	75.70	28.51	3.94	0.00	Peak	---	---



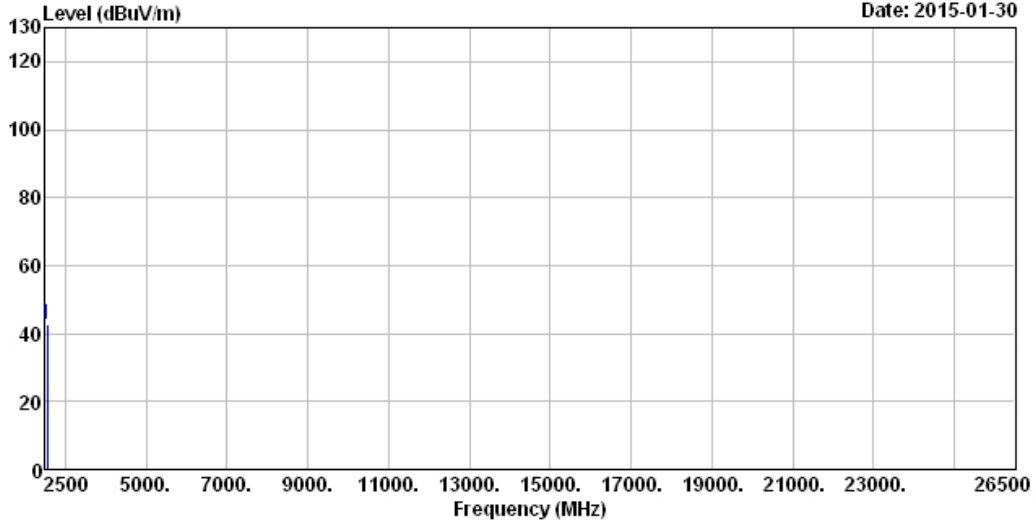
Plot on Configuration IEEE 802.11b 1Mbps / CH6 / Ant.2 / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2398.000	43.08	-----	-----	43.28	28.41	3.94	32.55	Peak	0	0



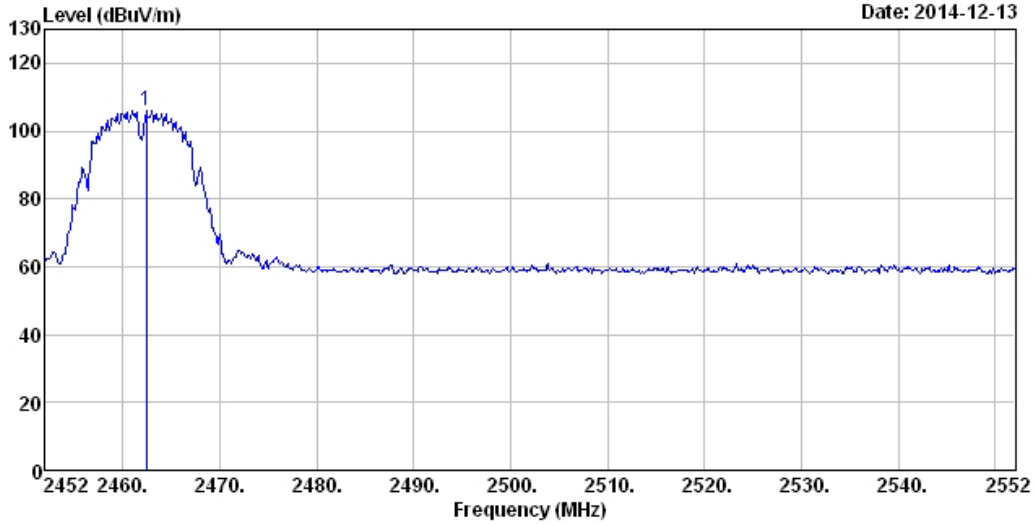
Plot on Configuration IEEE 802.11b 1Mbps / CH6 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)



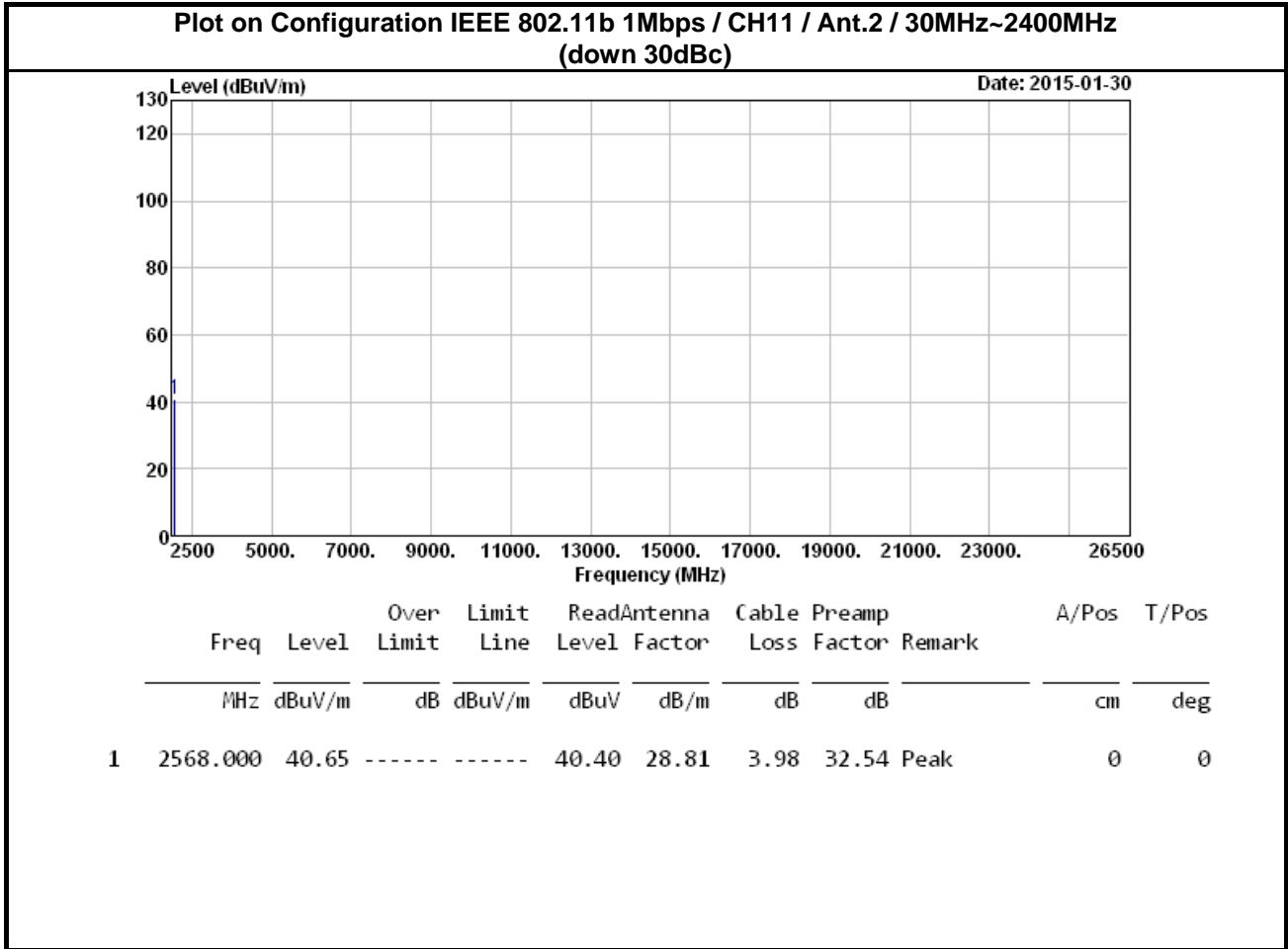
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2540.000	42.46	-----	-----	42.29	28.76	3.96	32.55	Peak	0	0



Plot on Configuration IEEE 802.11b 1Mbps / CH11 / Ant.2 / Reference Level

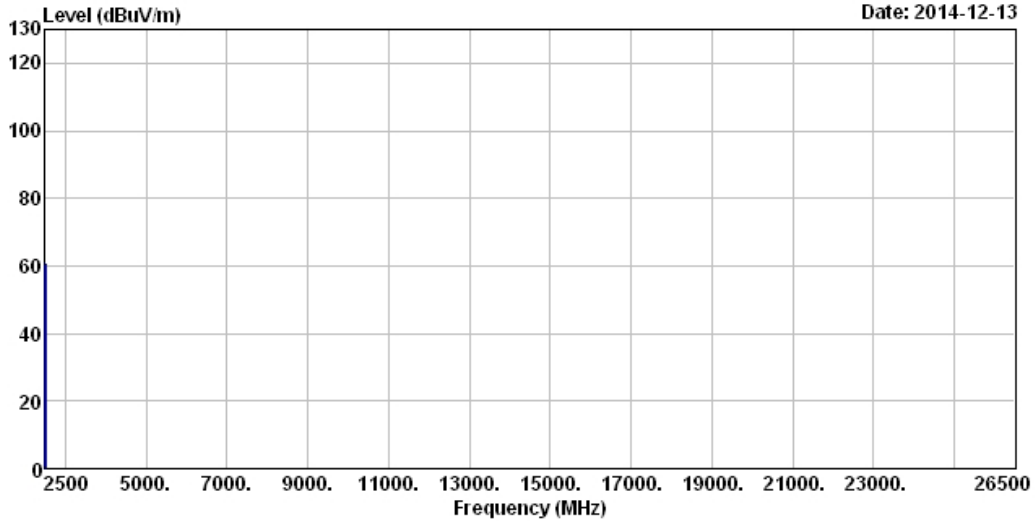


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2462.400	106.14	-----	-----	73.66	28.54	3.94	0.00	Peak	---	---





Plot on Configuration IEEE 802.11b 1Mbps / CH11 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)

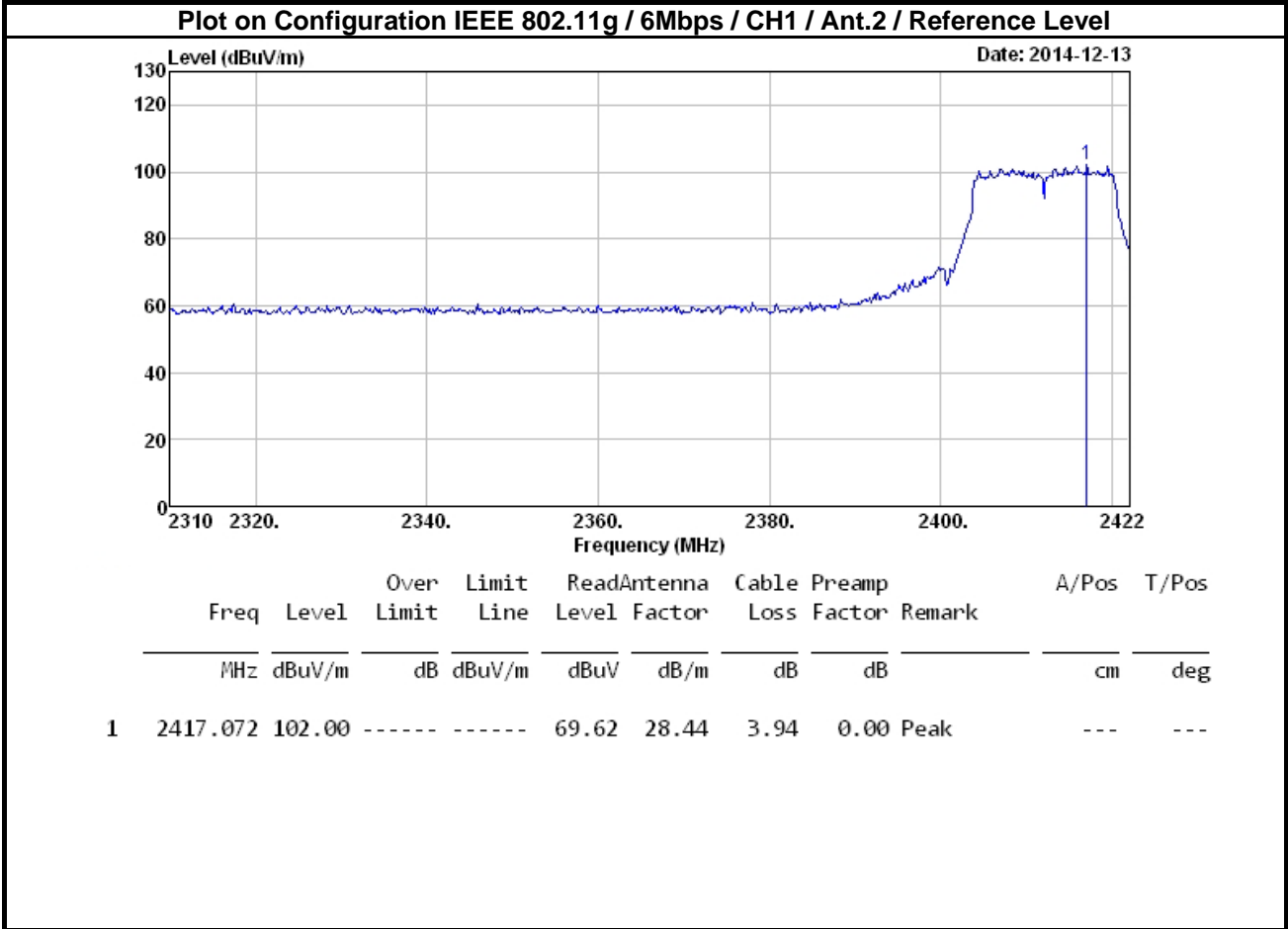


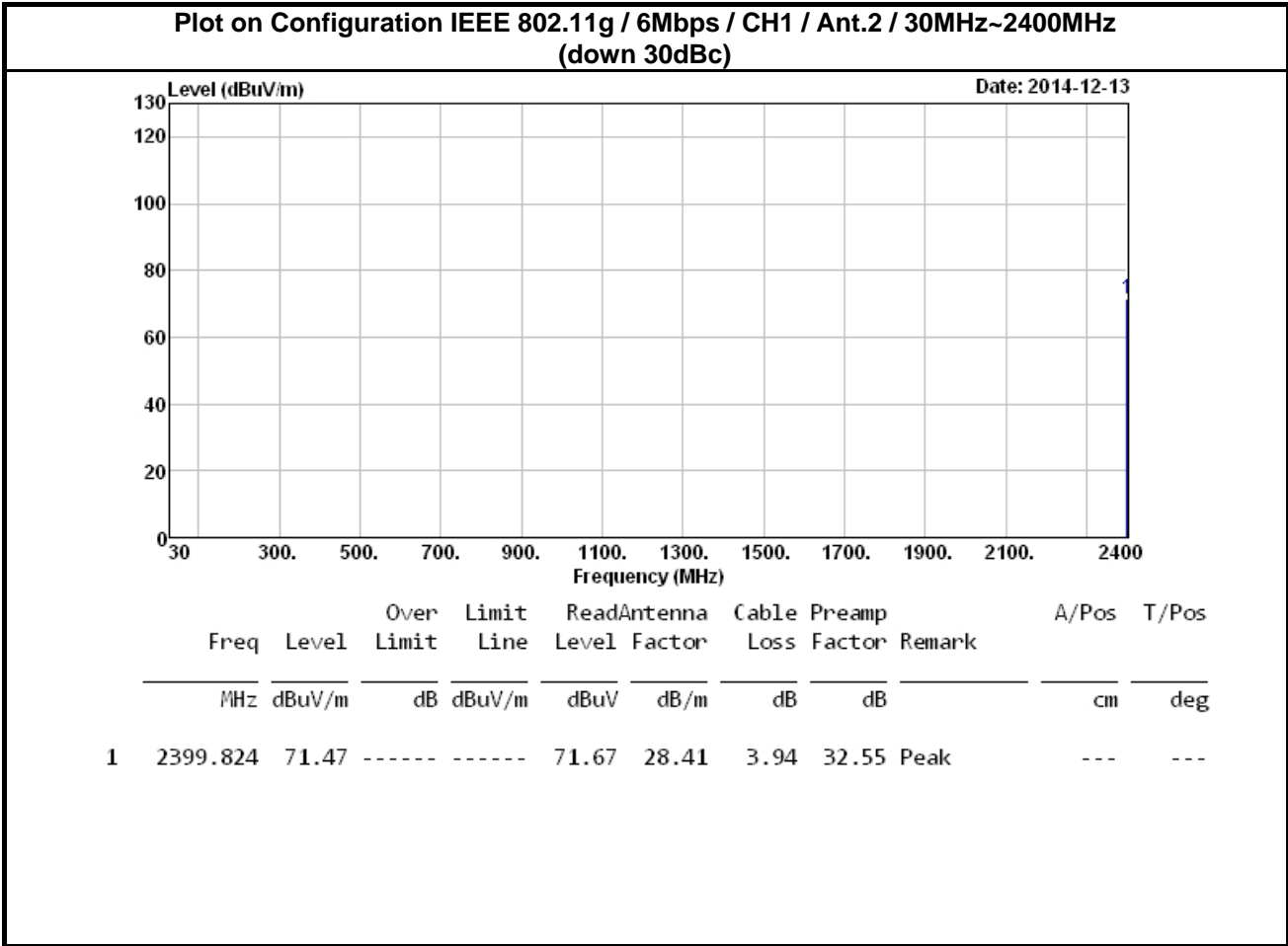
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2503.800	61.01	-----	-----	61.00	28.60	3.96	32.55	Peak	---	---



Configurations	802.11g	Test Engineer	Hunter
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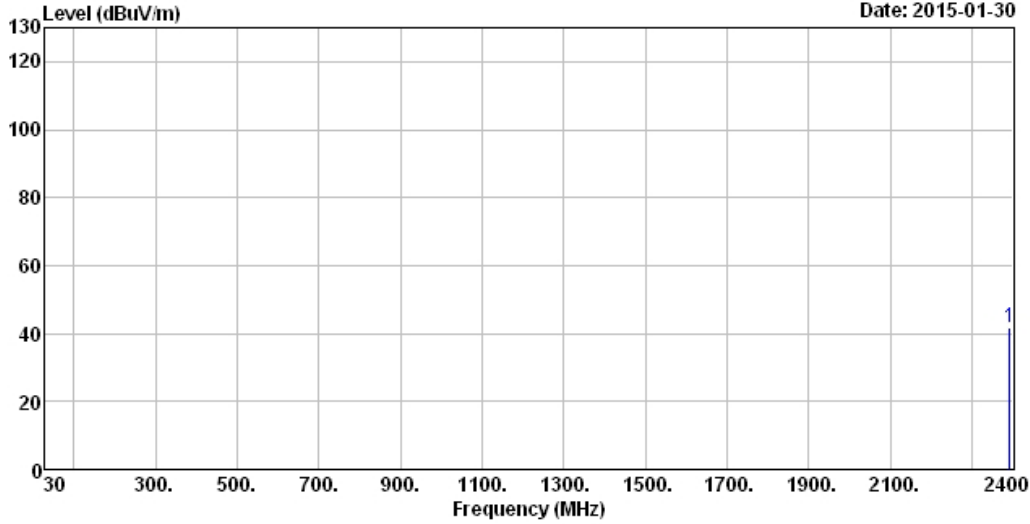
< 6Mbps, Ant. 2>







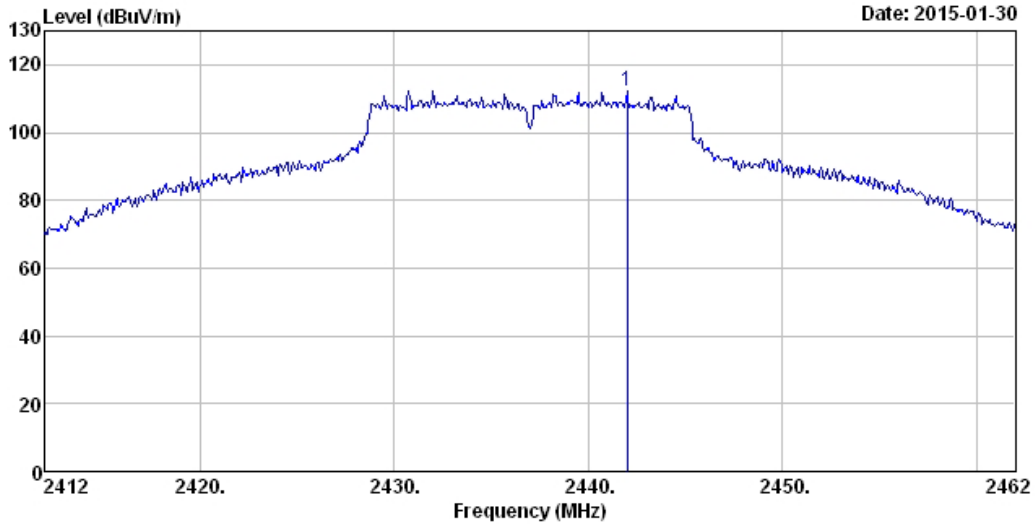
Plot on Configuration IEEE 802.11g / 6Mbps / CH1 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2392.000	41.90	-----	-----	42.10	28.41	3.94	32.55	Peak	0	0



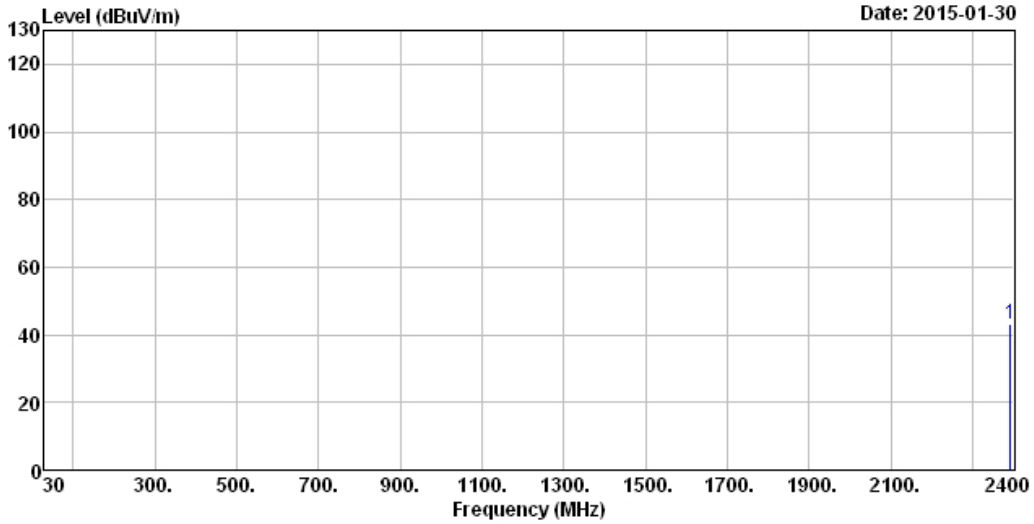
Plot on Configuration IEEE 802.11g / 6Mbps / CH6 / Ant.2 / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2442.000	112.29	-----	-----	79.84	28.51	3.94	0.00	Peak	---	---



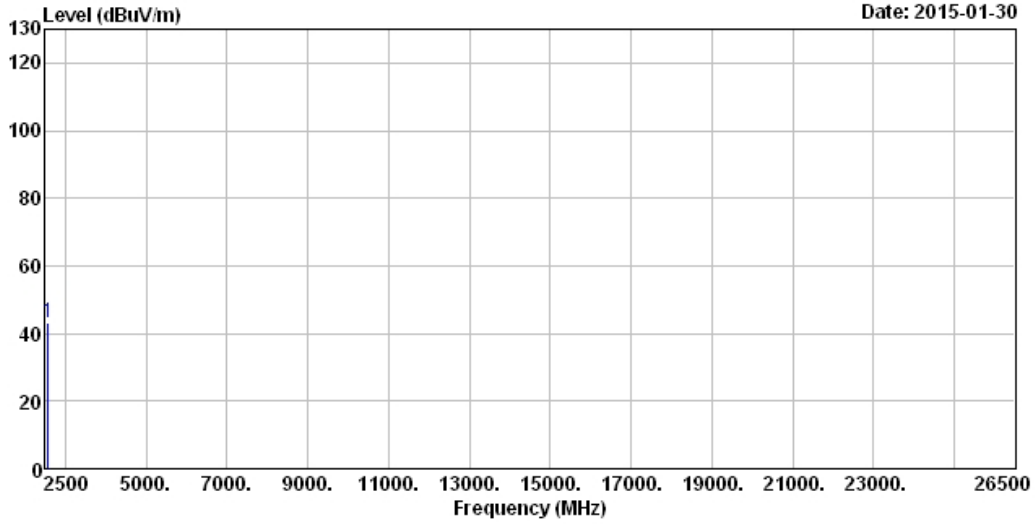
Plot on Configuration IEEE 802.11g / 6Mbps / CH6 / Ant.2 / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2391.000	43.01	-----	-----	43.21	28.41	3.94	32.55	Peak	0	0



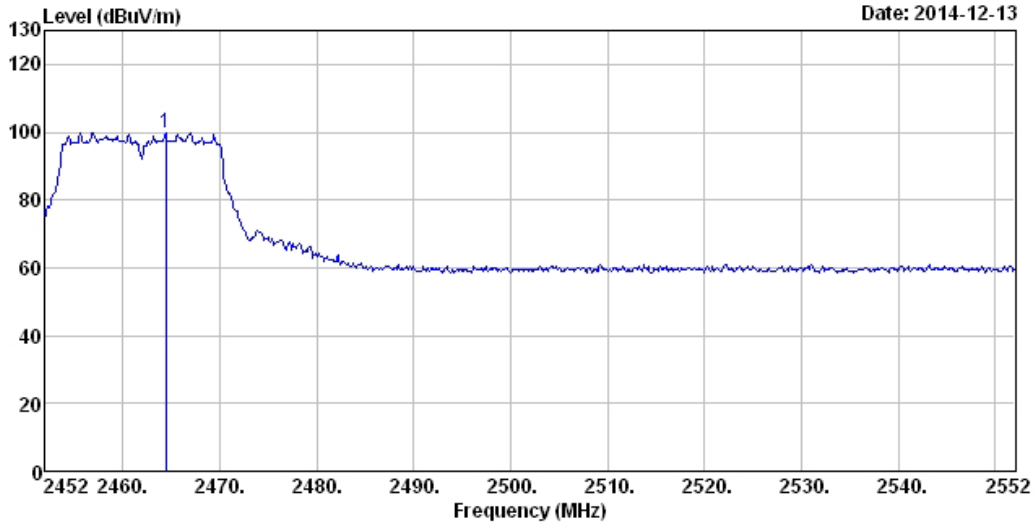
Plot on Configuration IEEE 802.11g / 6Mbps / CH6 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2562.000	43.35	-----	-----	43.10	28.81	3.98	32.54	Peak	0	0



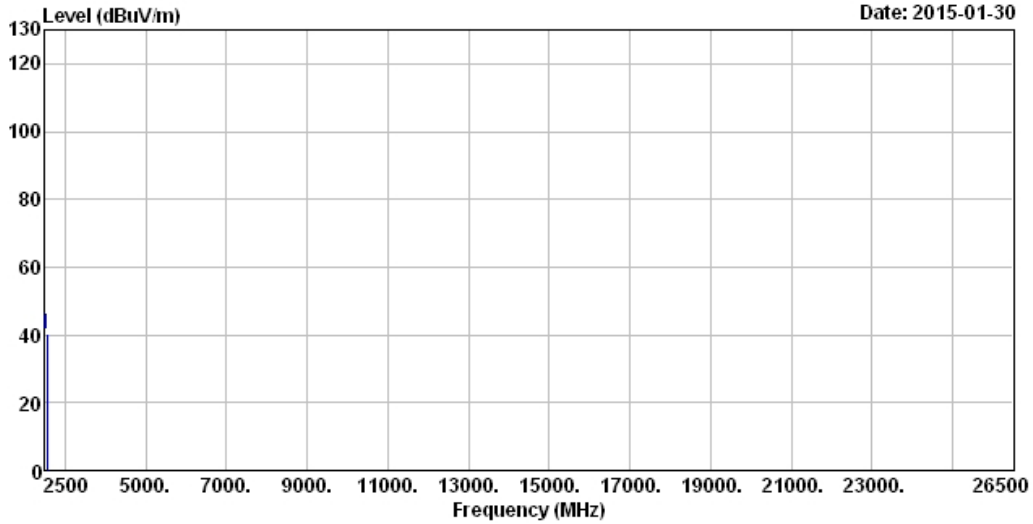
Plot on Configuration IEEE 802.11g / 6Mbps / CH11 / Ant.2 / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2464.400	99.84	-----	-----	67.35	28.54	3.95	0.00	Peak	---	---



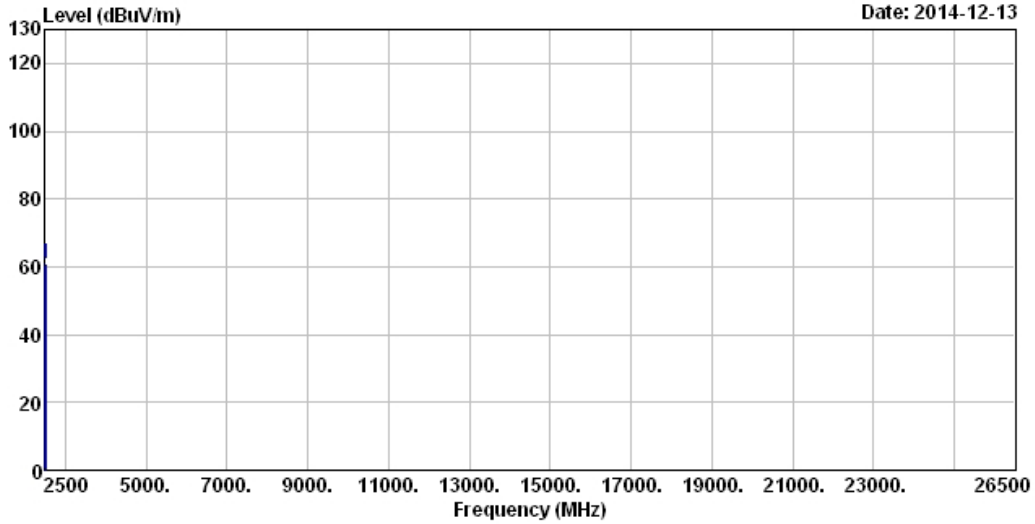
Plot on Configuration IEEE 802.11g / 6Mbps / CH11 / Ant.2 / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2541.000	40.39	-----	-----	40.20	28.76	3.98	32.55	Peak	0	0



Plot on Configuration IEEE 802.11g / 6Mbps / CH11 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)

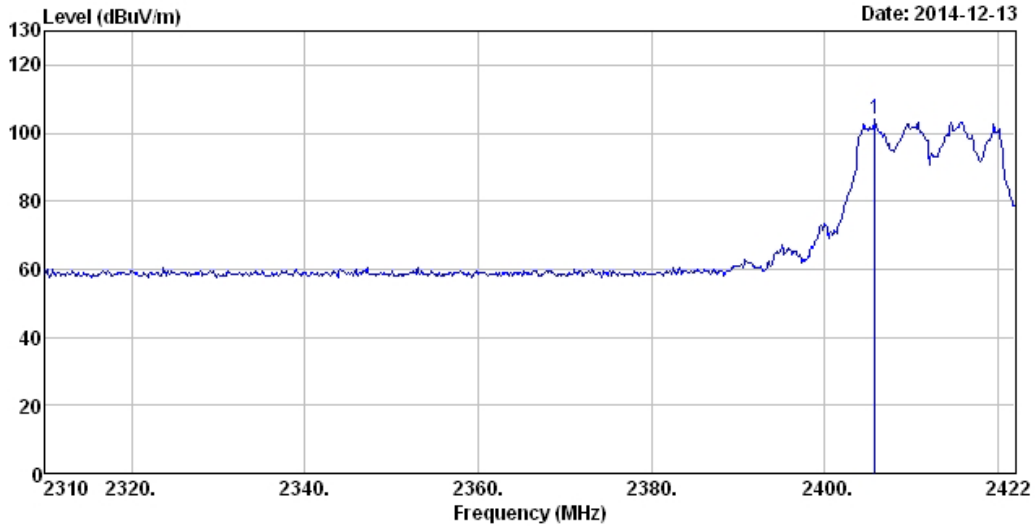


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2531.000	60.97	-----	-----	60.85	28.71	3.96	32.55	Peak	---	---



< 1Mbps, CDD mode, Ant. 1+2>

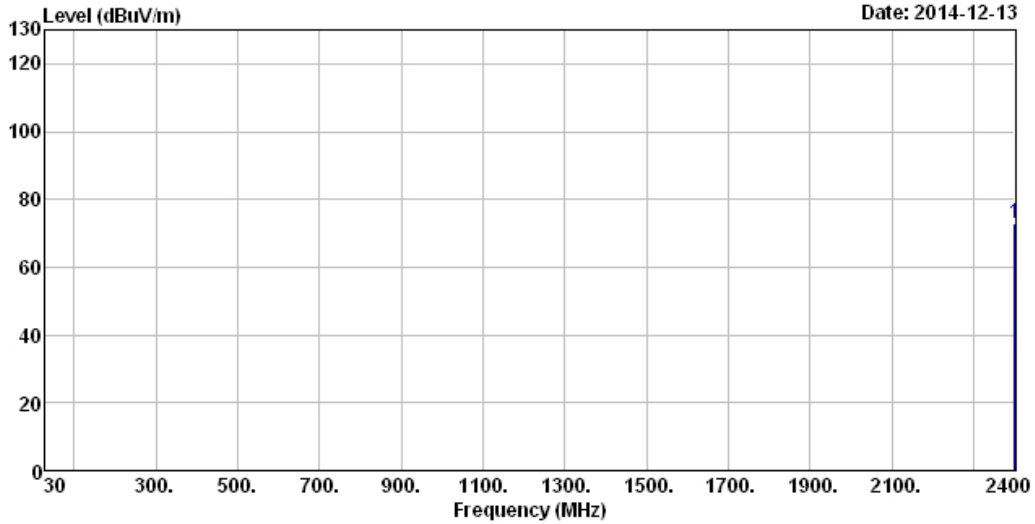
Plot on Configuration IEEE 802.11g / 6Mbps / CH1 / Ant.1+2 CDD mode / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2405.872	103.98	-----	-----	71.60	28.44	3.94	0.00	Peak	---	---



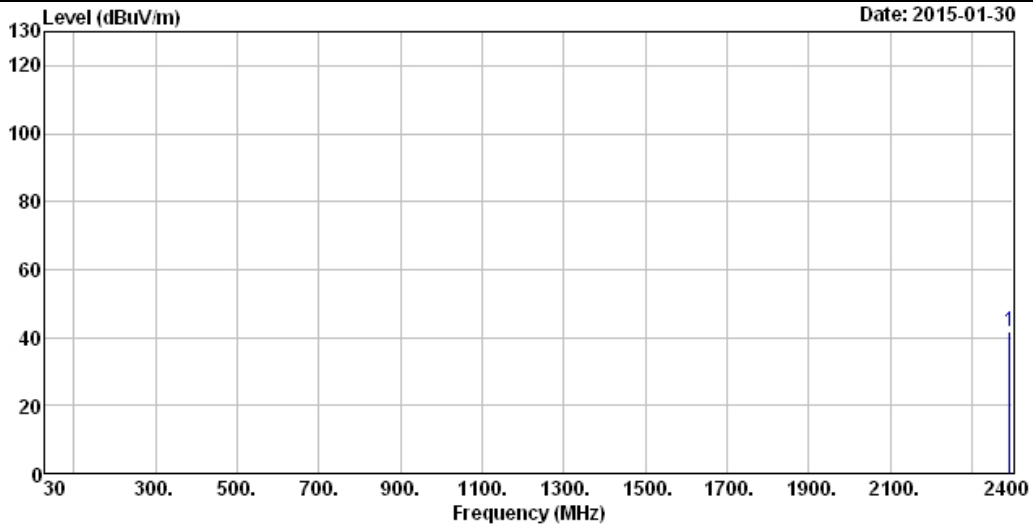
Plot on Configuration IEEE 802.11g / 6Mbps / CH1 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)



	Over	Limit	ReadAntenna	Cable	Preamp		A/Pos	T/Pos			
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark			
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		
1	2399.600	72.93	-----	-----	73.13	28.41	3.94	32.55	Peak	---	---



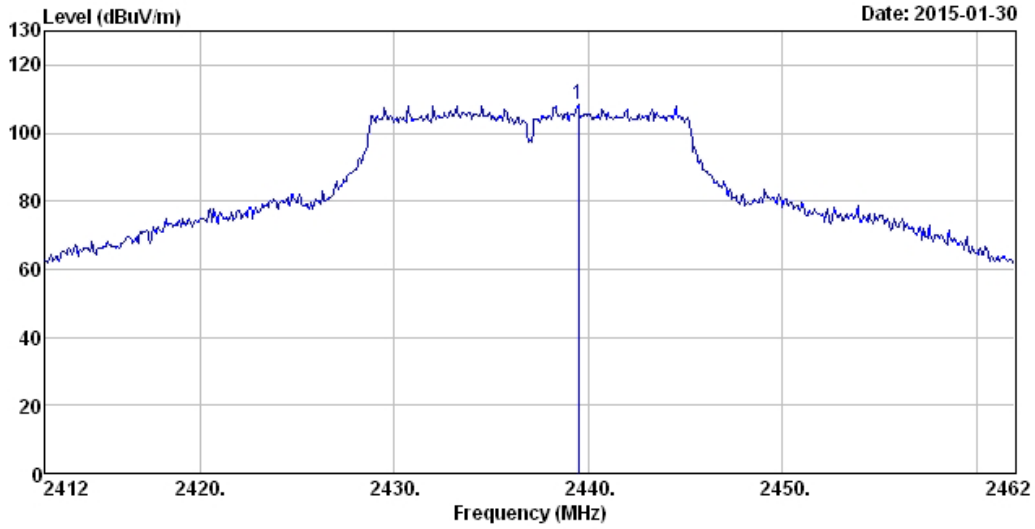
Plot on Configuration IEEE 802.11g / 6Mbps / CH1 / Ant.1+2 CDD mode / 2500MHz~26500MHz
(down 30dBc)



	Over	Limit	ReadAntenna	Cable	Preamp		A/Pos	T/Pos
Freq	Level	Limit	Level	Loss	Factor	Remark		
MHz	dBuV/m	dB	dBuV/m	dB	dB		cm	deg
1	2391.000	41.90	-----	42.10	28.41	3.94 32.55 Peak	0	0



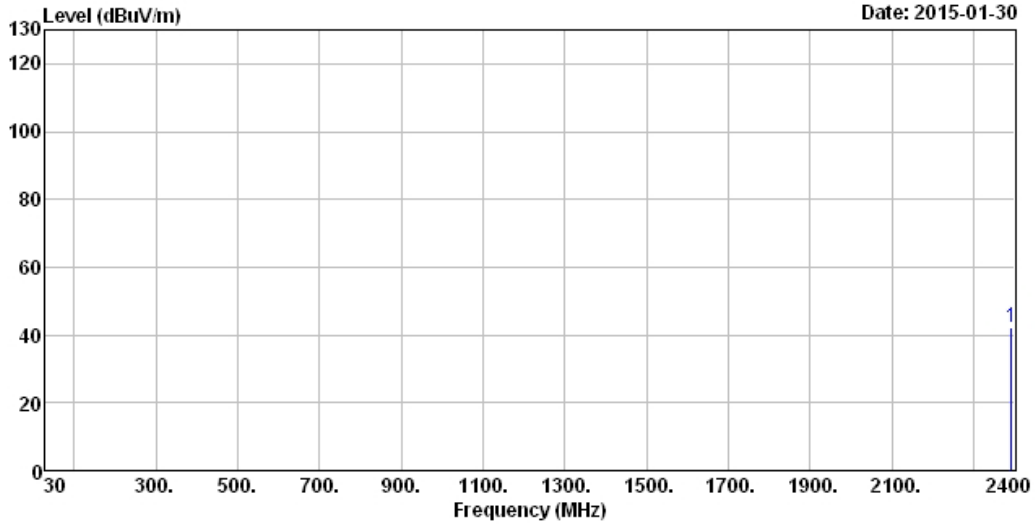
Plot on Configuration IEEE 802.11g / 6Mbps / CH6 / Ant.1+2 CDD mode / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2439.500	108.47	-----	-----	76.02	28.51	3.94	0.00	Peak	---	---



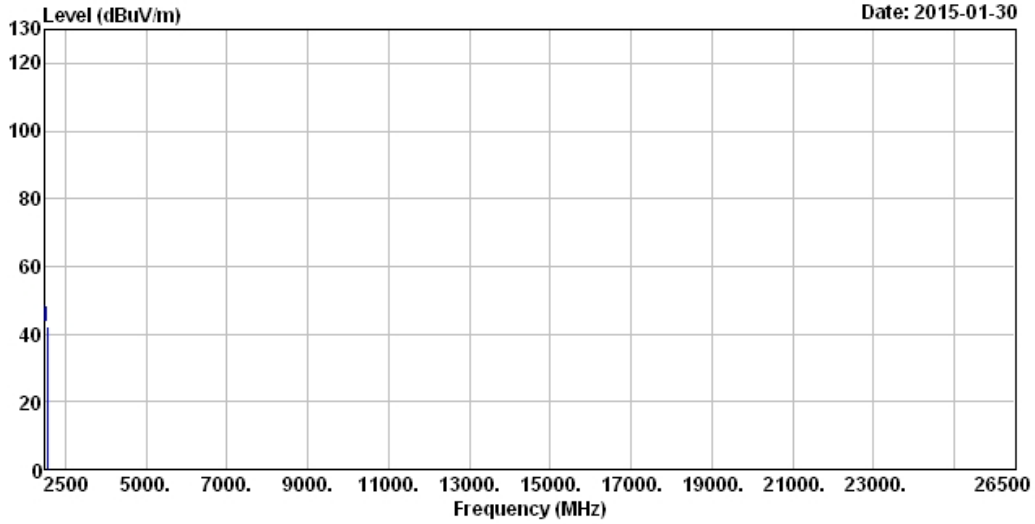
Plot on Configuration IEEE 802.11g / 6Mbps / CH6 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2391.000	42.31	-----	-----	42.51	28.41	3.94	32.55	Peak	0	0



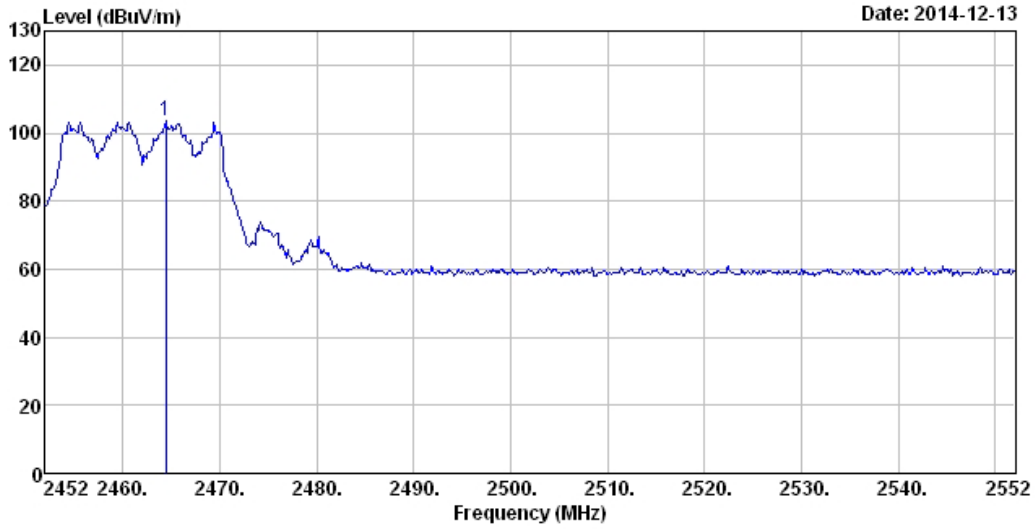
Plot on Configuration IEEE 802.11g / 6Mbps / CH6 / Ant.1+2 CDD mode / 2500MHz~26500MHz (down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2542.000	42.29	-----	-----	42.09	28.76	3.98	32.54	Peak	0	0



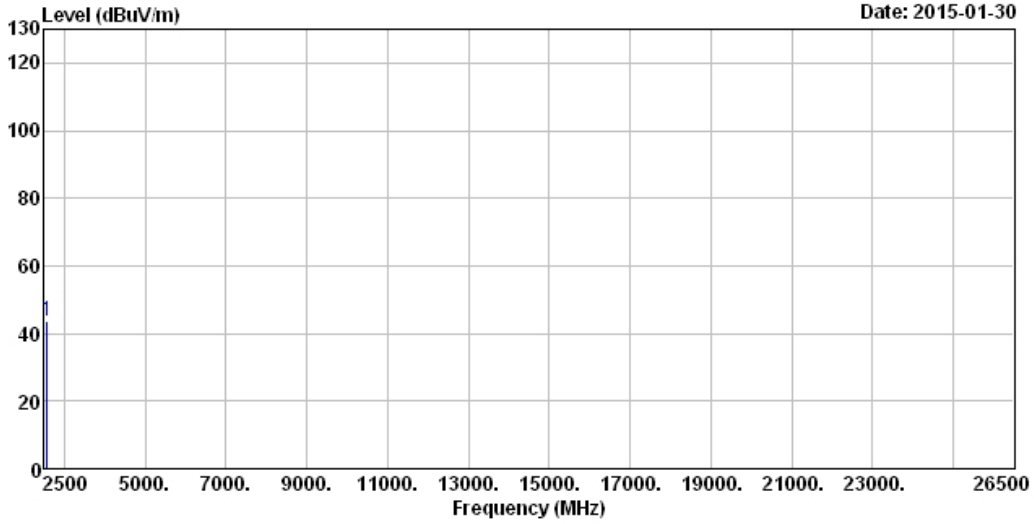
Plot on Configuration IEEE 802.11g / 6Mbps / CH11 / Ant.1+2 CDD mode / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2464.400	103.82	-----	-----	71.33	28.54	3.95	0.00	Peak	---	---



Plot on Configuration IEEE 802.11g / 6Mbps / CH11 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)

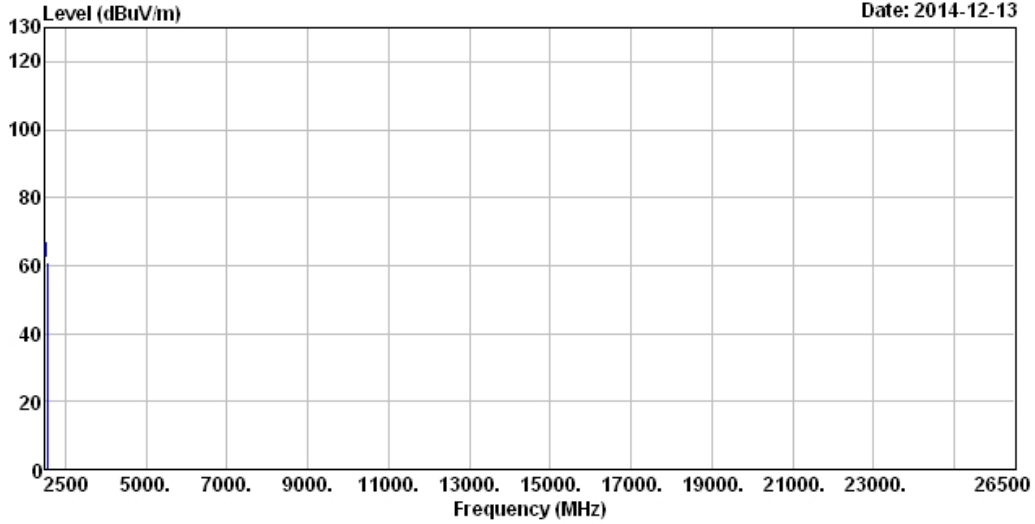


Date: 2015-01-30

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2571.000	43.75	-----	-----	43.50	28.81	3.98	32.54	Peak	0	0



Plot on Configuration IEEE 802.11g / 6Mbps / CH11 / Ant.1+2 CDD mode / 2500MHz~26500MHz
(down 30dBc)



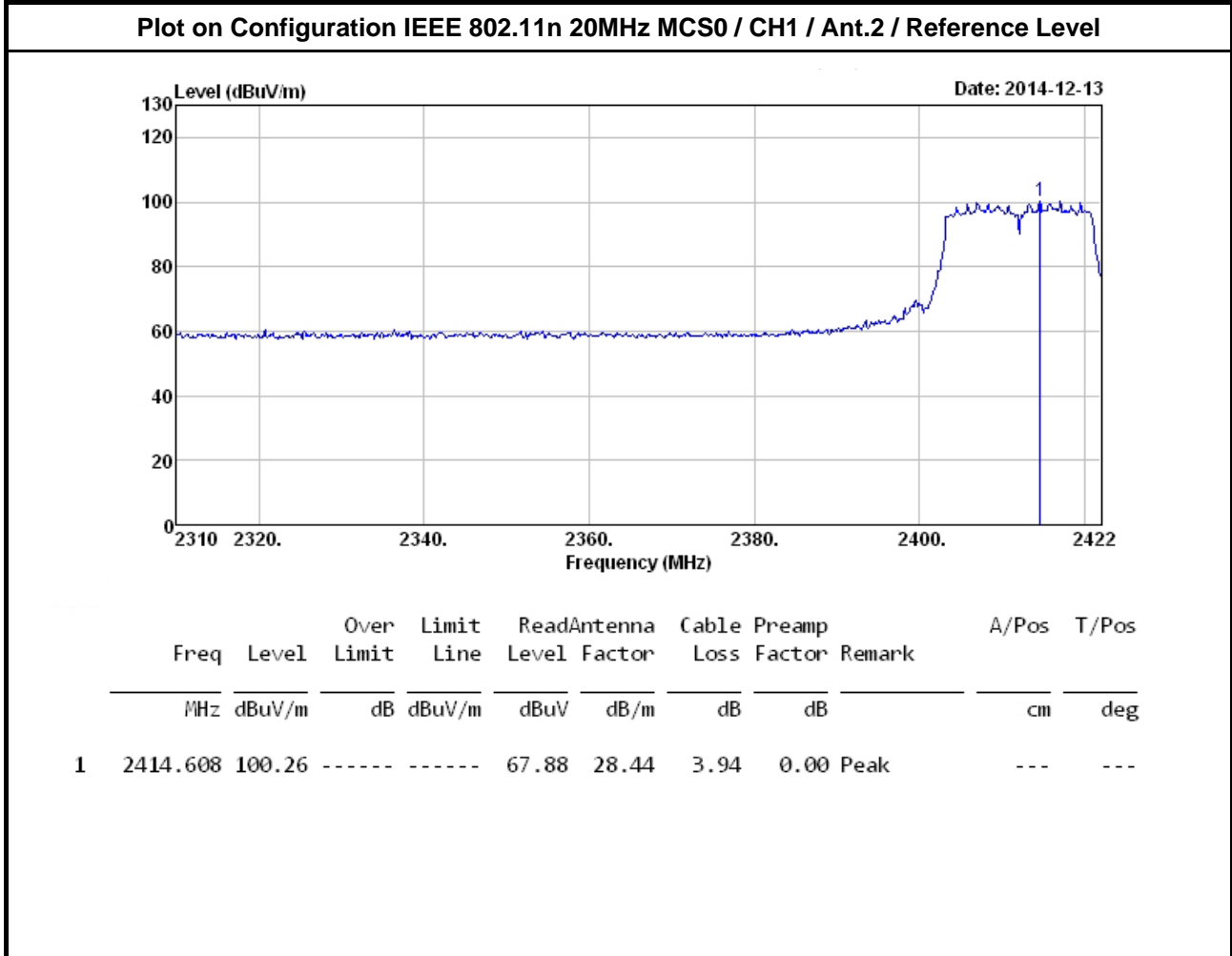
Date: 2014-12-13

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2544.600	61.03	-----	-----	60.83	28.76	3.98	32.54	Peak	---	---



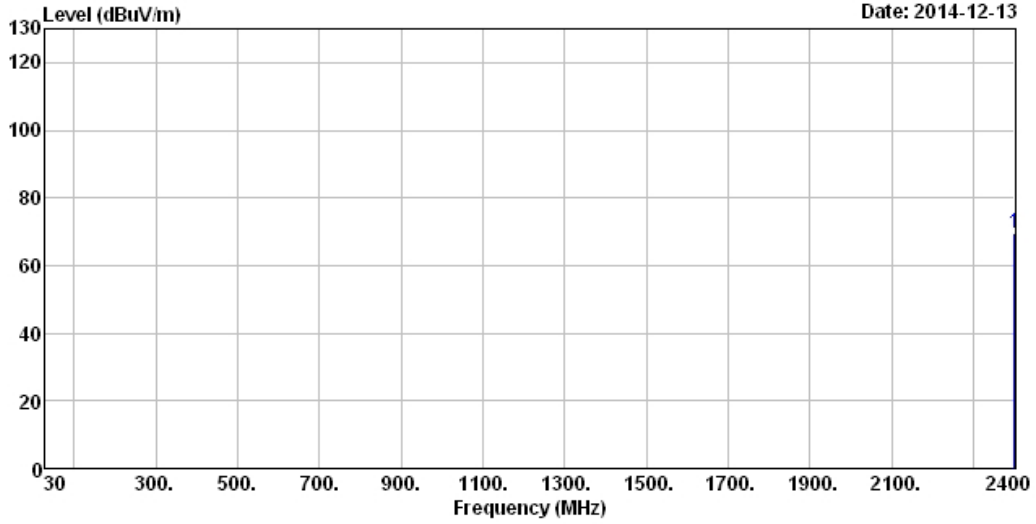
Configurations	802.11n 20MHz	Test Engineer	Hunter
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< MCS0, Ant. 2>





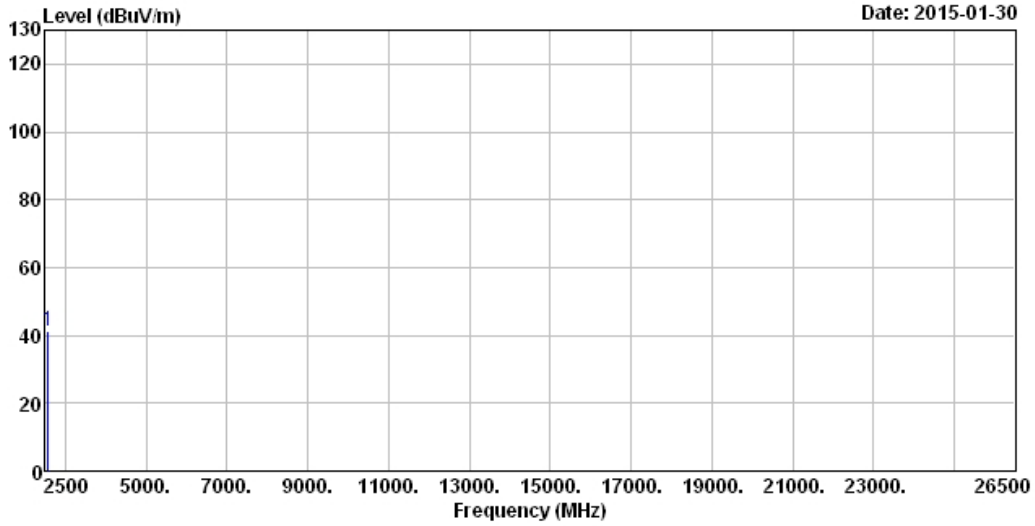
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH1 / Ant.2 / 30MHz~2400MHz
(down 30dBc)



Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 2399.600	69.79	-----	-----	69.99	28.41	3.94	32.55	Peak	---	---



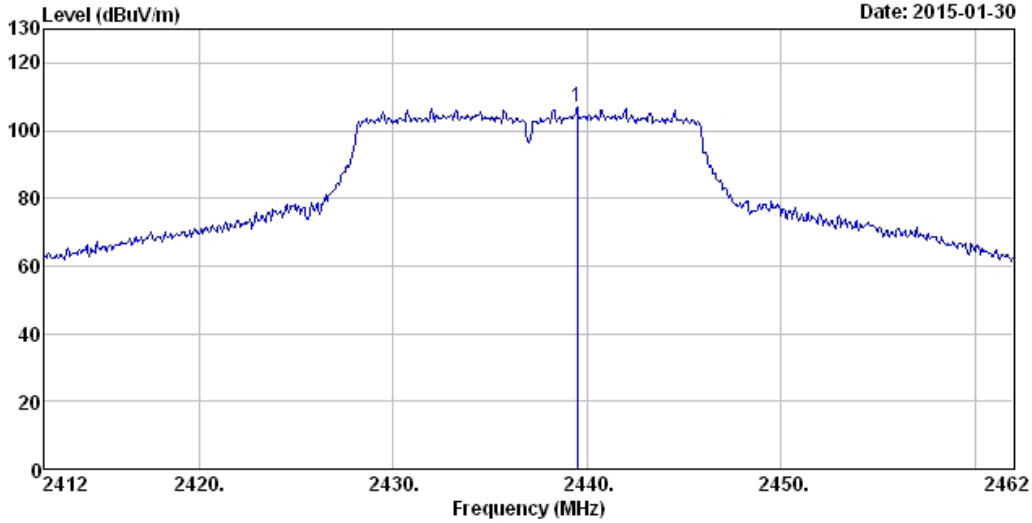
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH1 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2571.000	41.45	-----	-----	41.20	28.81	3.98	32.54	Peak	0	0



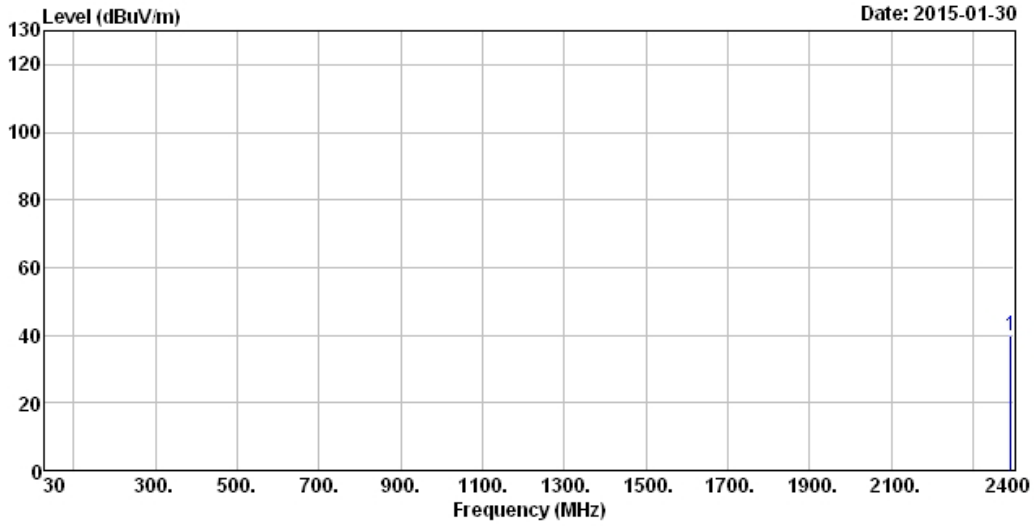
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH6 / Ant.2 / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2439.500	106.81	-----	-----	74.36	28.51	3.94	0.00	Peak	---	---



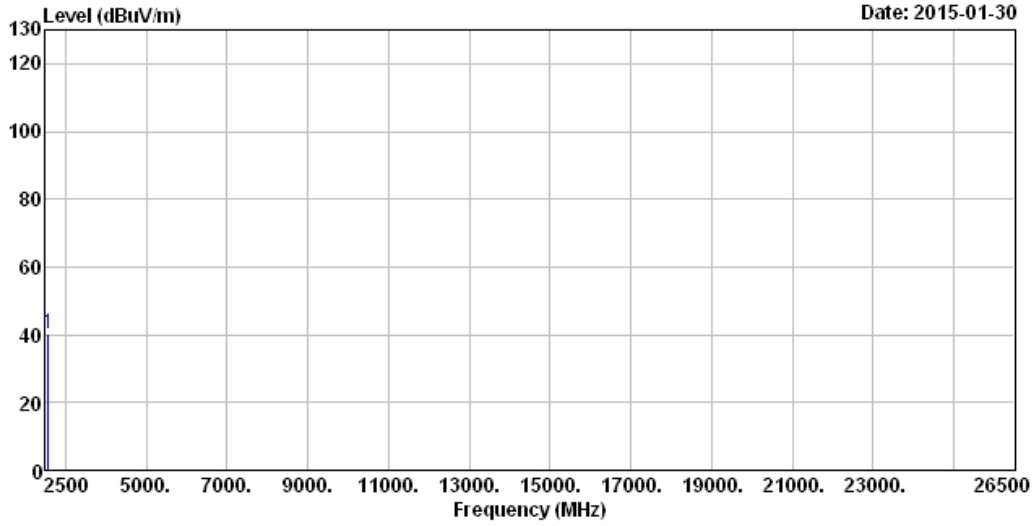
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH6 / Ant.2 / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2391.000	39.90	-----	-----	40.10	28.41	3.94	32.55	Peak	0	0



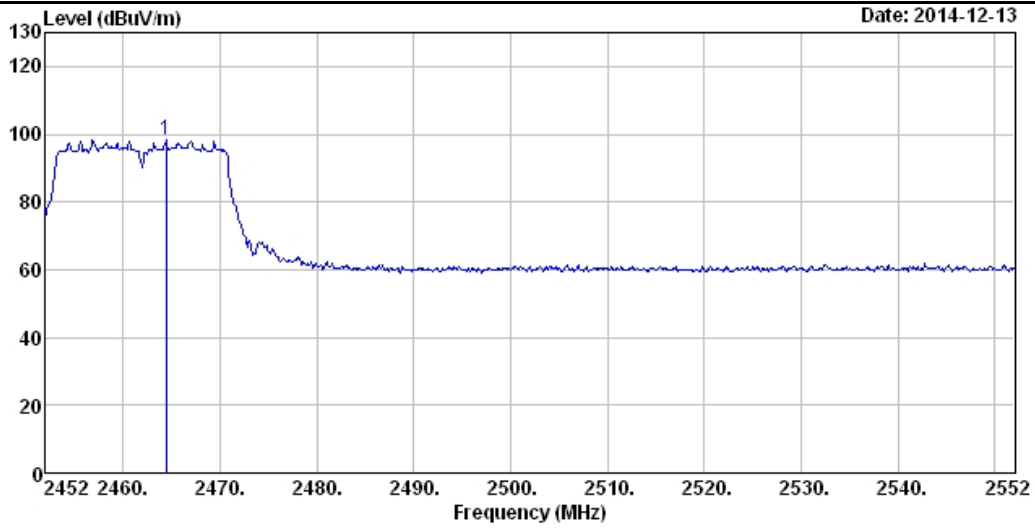
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH6 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2562.000	40.26	-----	-----	40.01	28.81	3.98	32.54	Peak	0	0



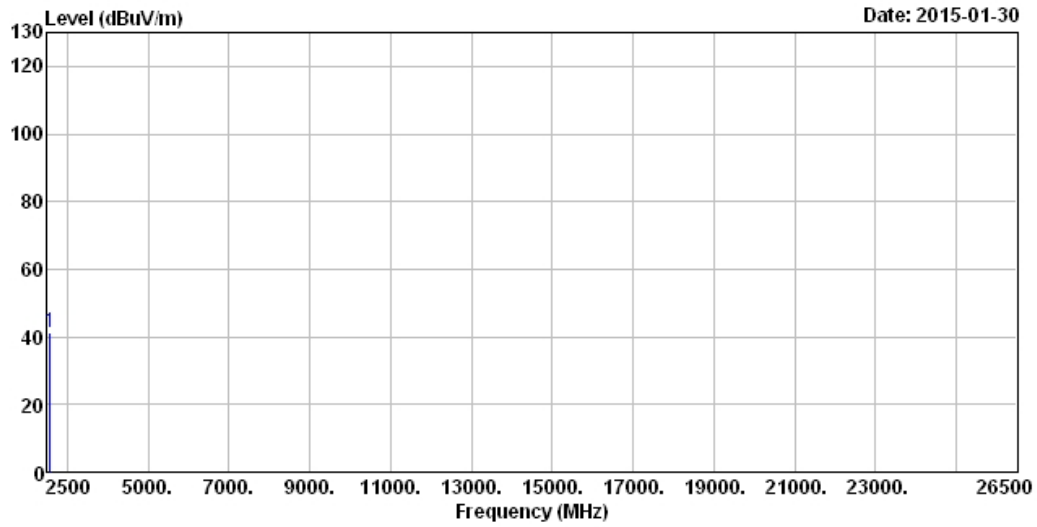
Plot on Configuration 802.11n 20MHz MCS0 / CH11 / Ant.2 / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2464.400	98.27	-----	-----	65.78	28.54	3.95	0.00	Peak	---	---



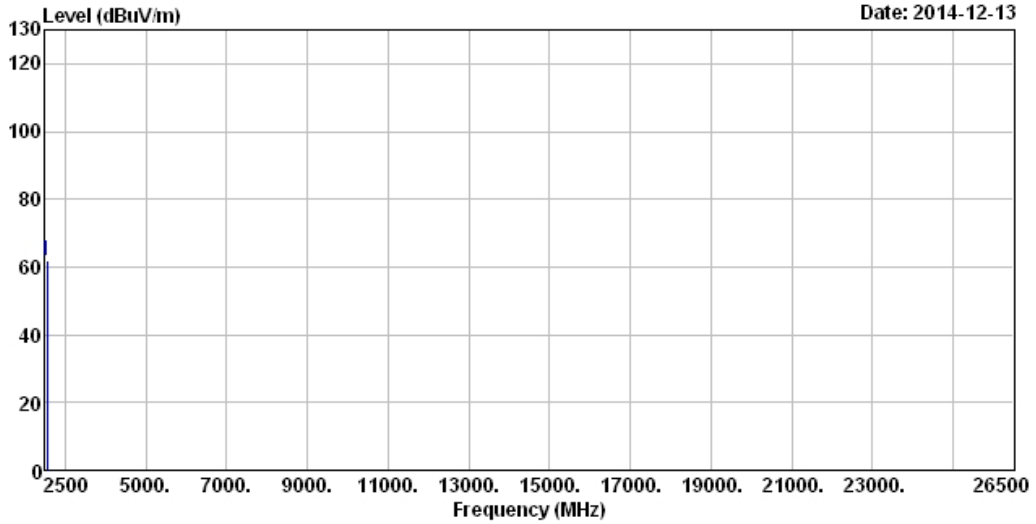
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH11 / Ant.2 / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2571.000	41.45	-----	-----	41.20	28.81	3.98	32.54	Peak	0	0



Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH11 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)

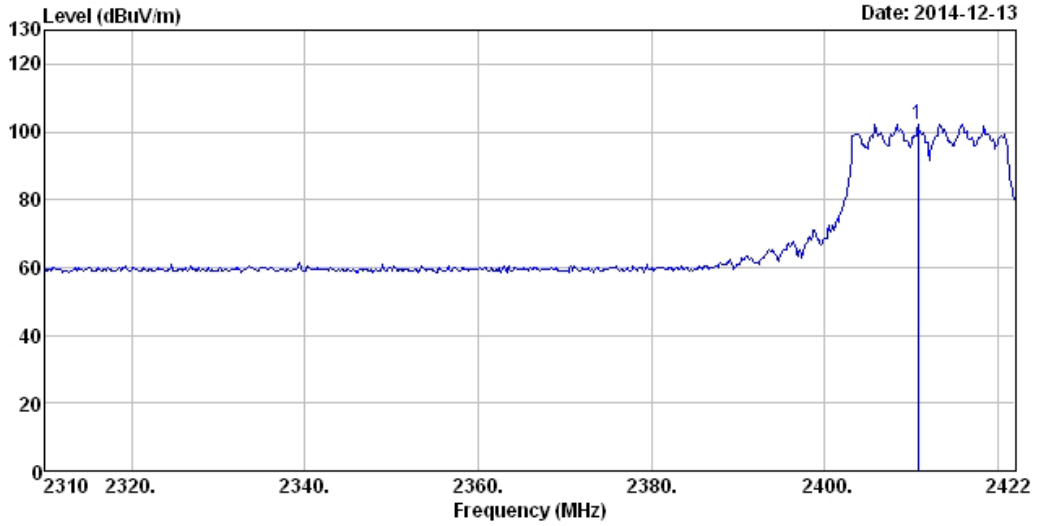


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2542.800	61.79	-----	-----	61.59	28.76	3.98	32.54	Peak	---	---



< MCS0, CDD mode, Ant. 1+2>

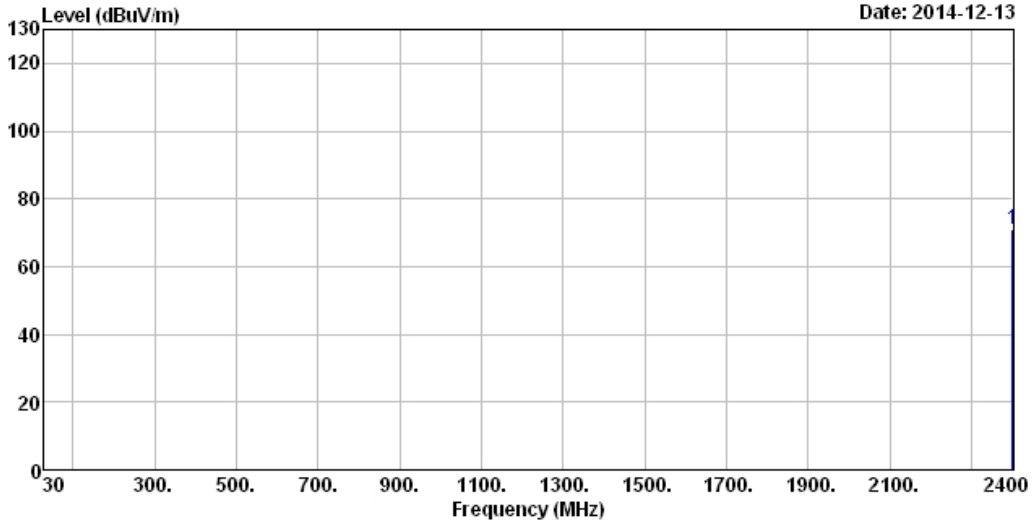
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH1 / Ant.1+2 CDD mode / Reference Level



Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 2410.800	102.42	-----	-----	70.04	28.44	3.94	0.00	Peak	---	---



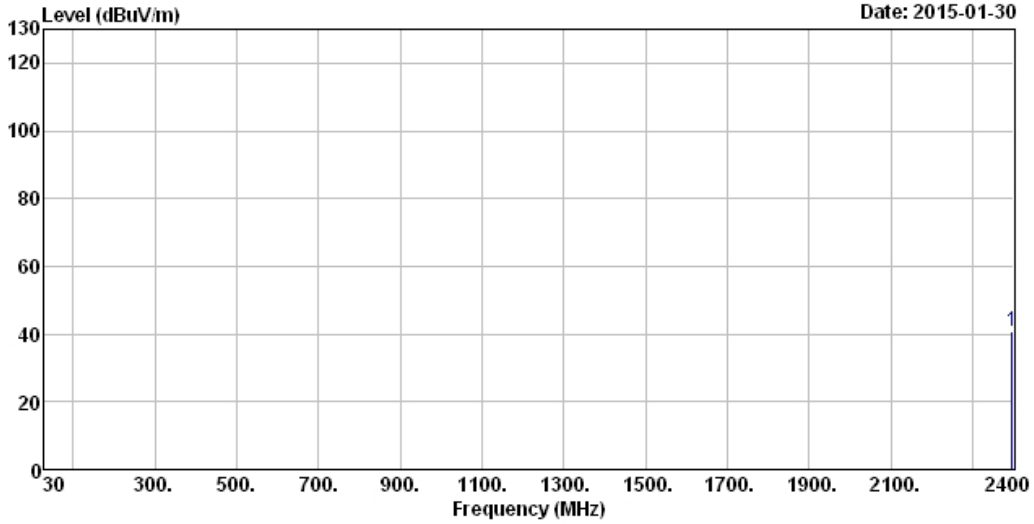
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH1 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2398.928	71.21	-----	-----	71.41	28.41	3.94	32.55	Peak	---	---



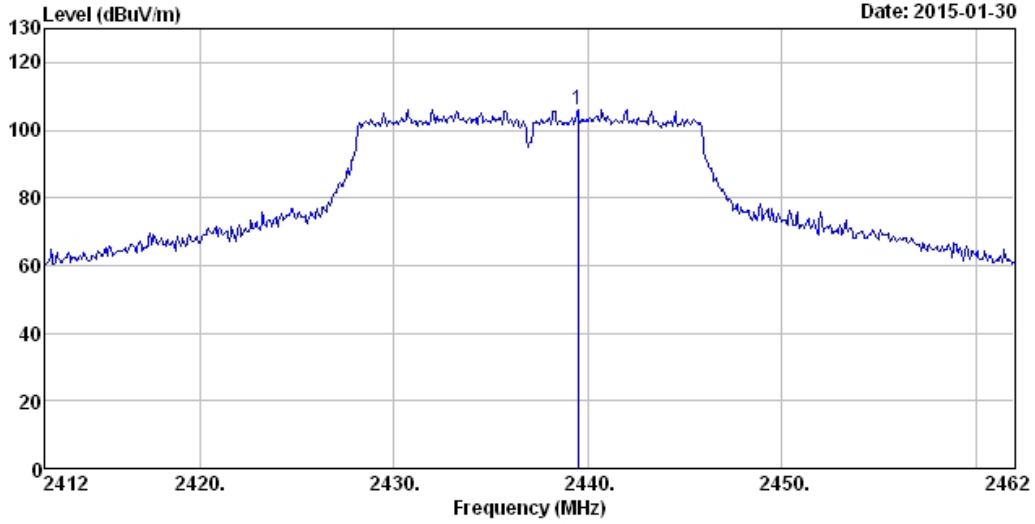
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH1 / Ant.1+2 CDD mode / 2500MHz~26500MHz (down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2395.000	40.90	-----	-----	41.10	28.41	3.94	32.55	Peak	0	0



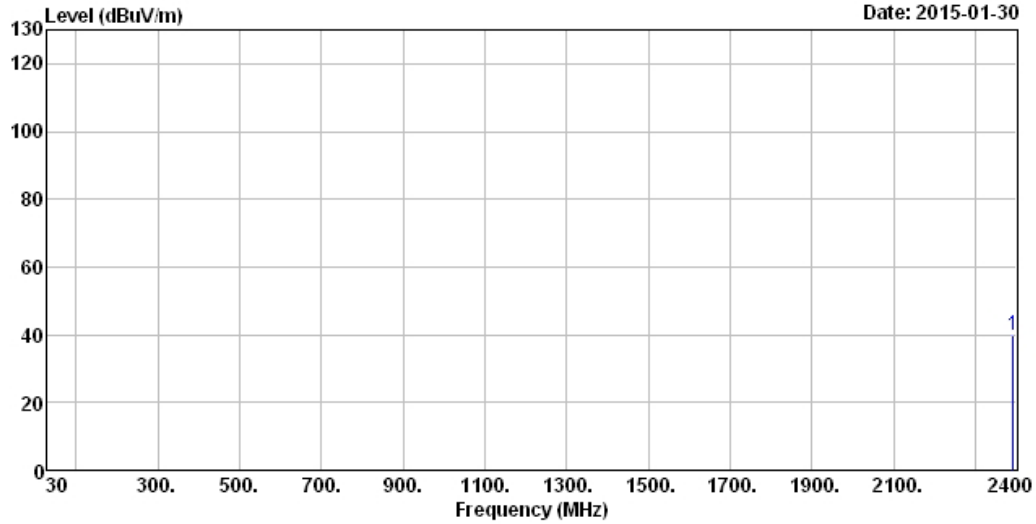
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH6 / Ant.1+2 CDD mode / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2439.500	106.12	-----	-----	73.67	28.51	3.94	0.00	Peak	---	---



Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH6 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)

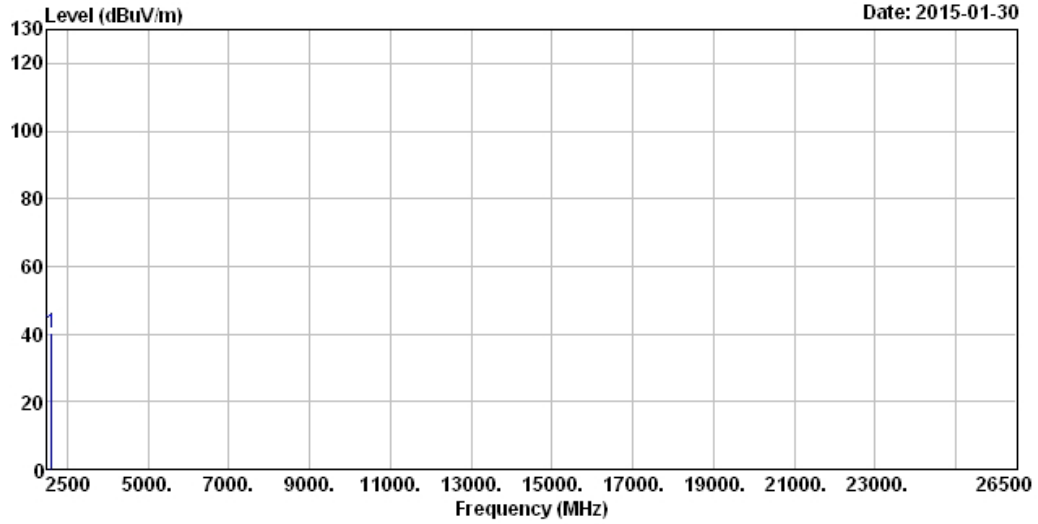


Date: 2015-01-30

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2391.000	39.98	-----	-----	40.18	28.41	3.94	32.55	Peak	0	0



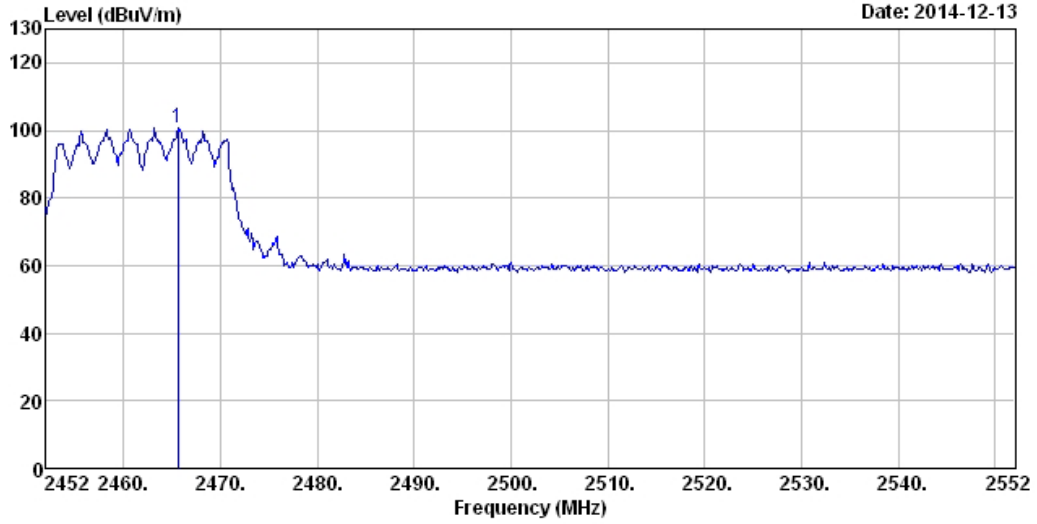
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH6 / Ant.1+2 CDD mode / 2500MHz~26500MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2599.000	40.40	-----	-----	40.03	28.92	3.99	32.54	Peak	0	0



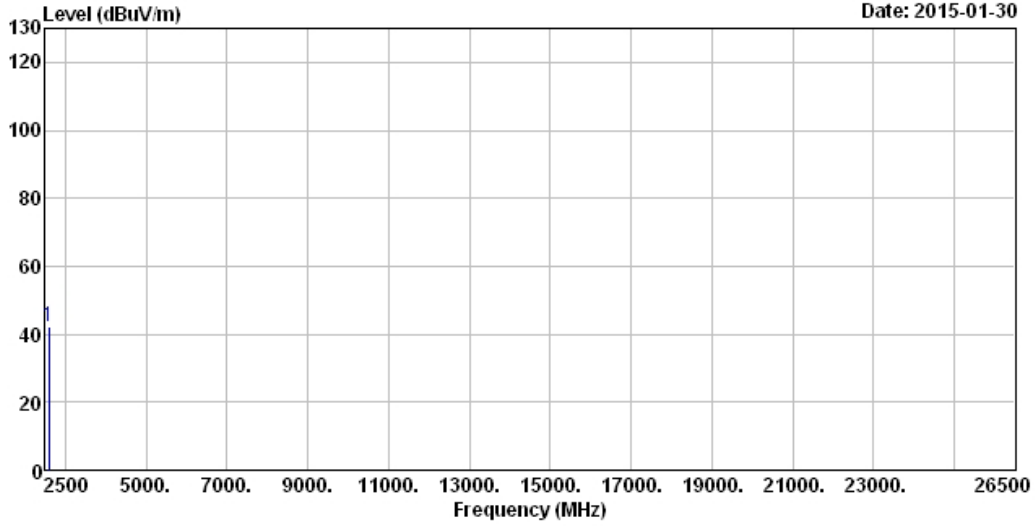
Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH11 / Ant.1+2 CDD mode / Reference Level



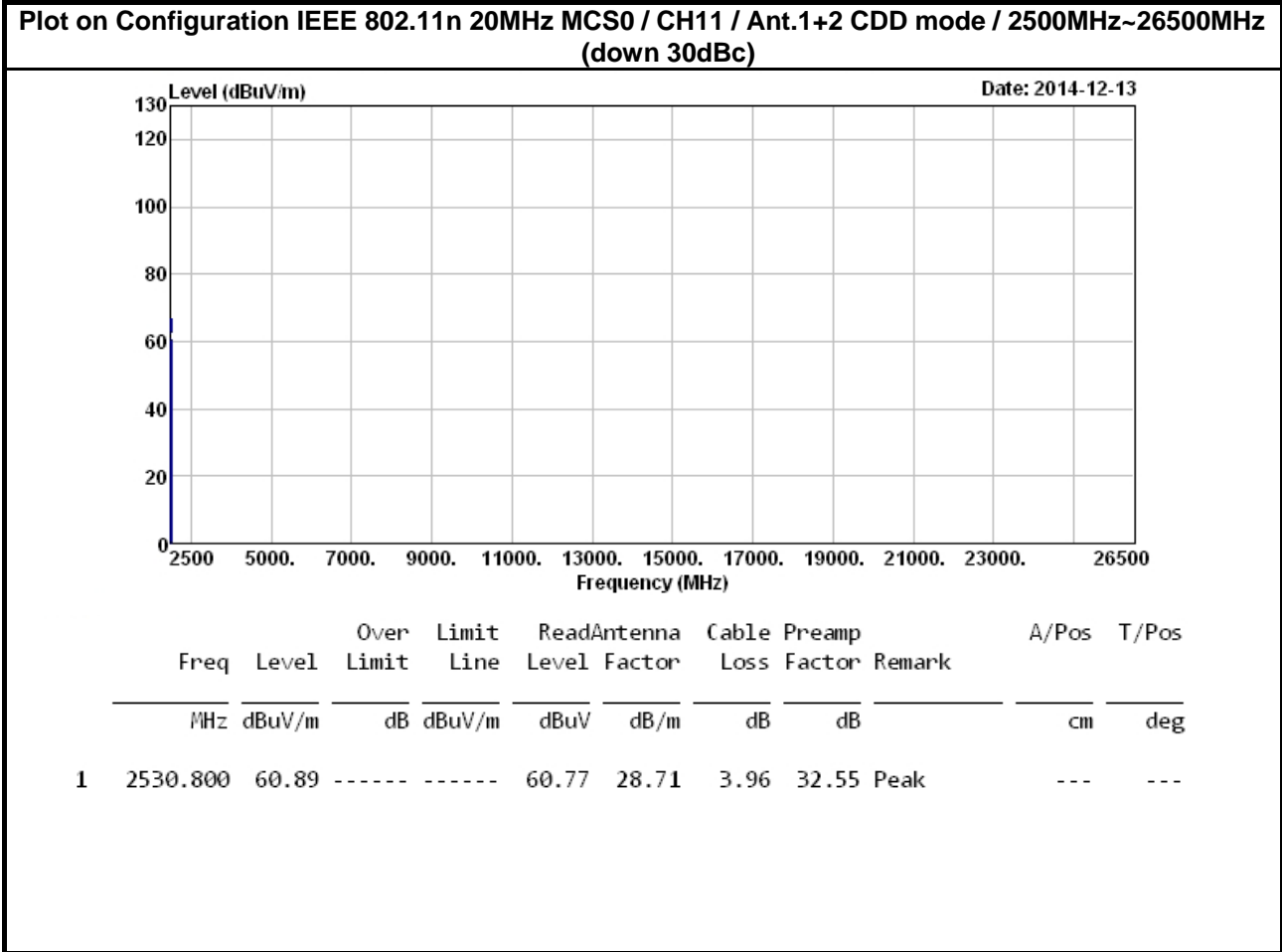
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2465.600	100.71	-----	-----	68.22	28.54	3.95	0.00	Peak	---	---



Plot on Configuration IEEE 802.11n 20MHz MCS0 / CH11 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)



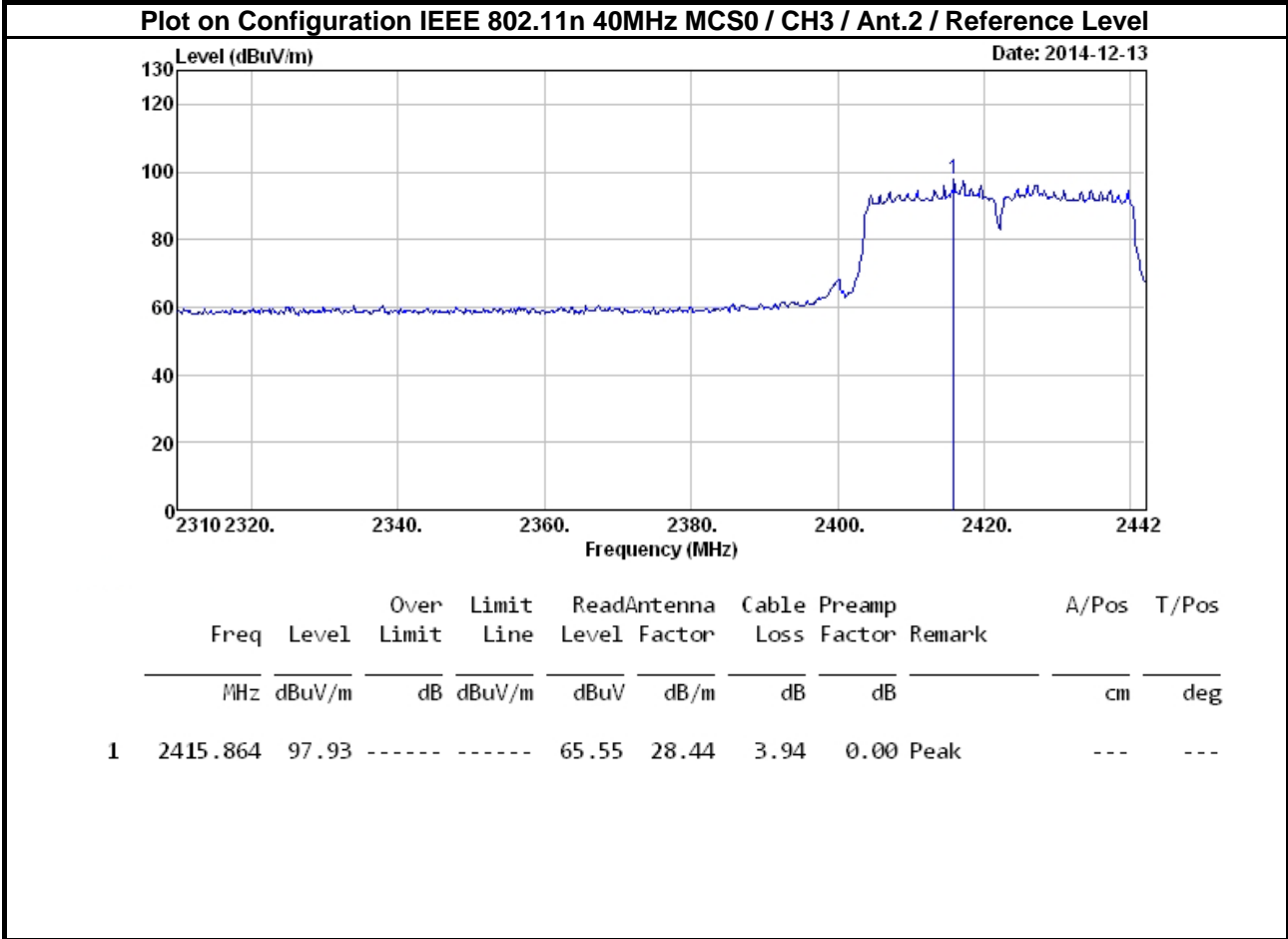
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2581.000	42.42	-----	-----	42.10	28.87	3.99	32.54	Peak	0	0





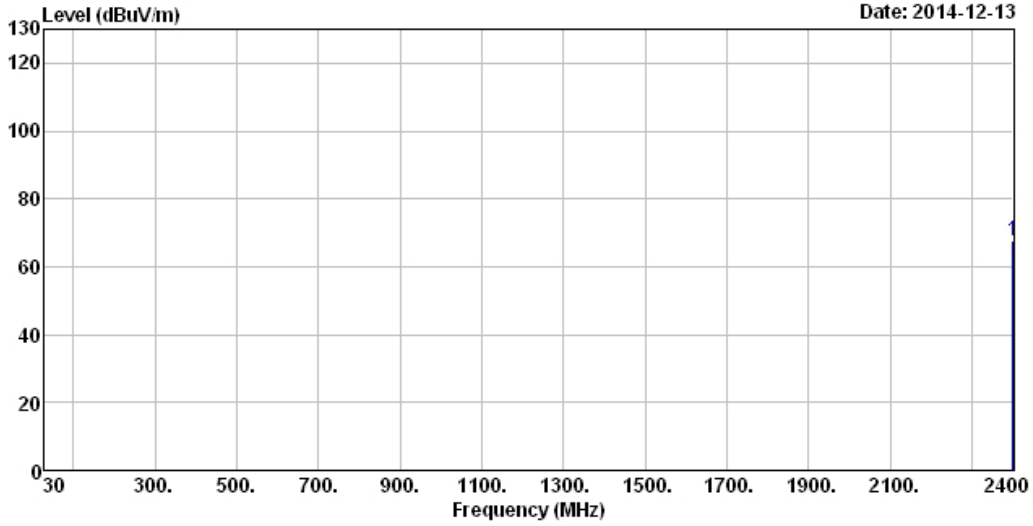
Configurations	802.11n 40MHz	Test Engineer	Hunter
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< MCS0, Ant. 2 >





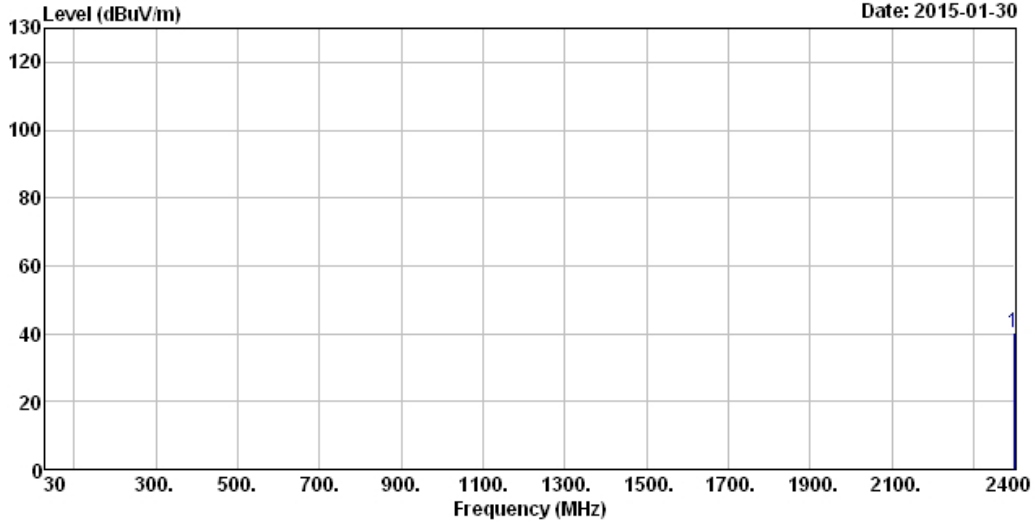
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH3 / Ant.2 / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2399.892	67.45	-----	-----	67.65	28.41	3.94	32.55	Peak	---	---



Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH3 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)

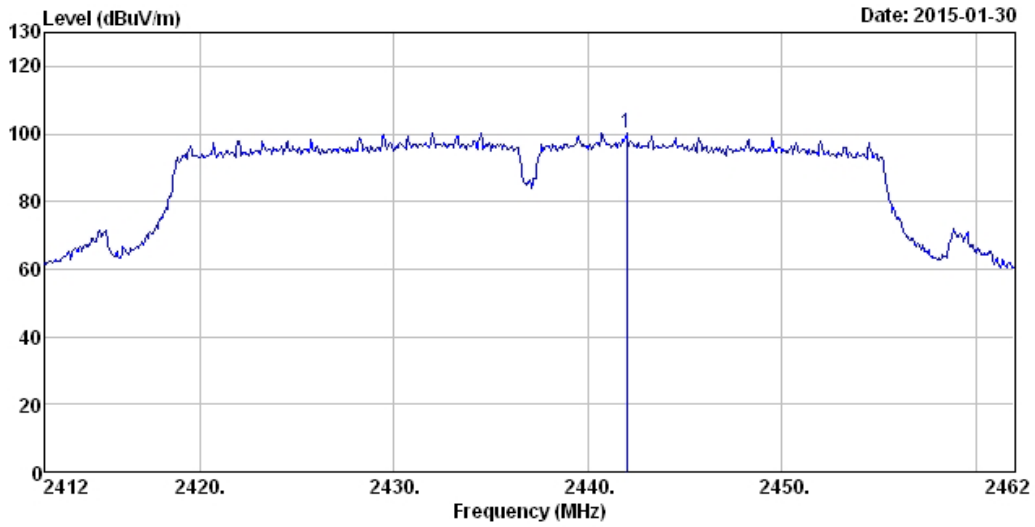


Date: 2015-01-30

	Over	Limit	ReadAntenna	Cable	Preamp		A/Pos	T/Pos			
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark			
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB				
								cm	deg		
1	2398.000	40.40	-----	-----	40.60	28.41	3.94	32.55	Peak	0	0



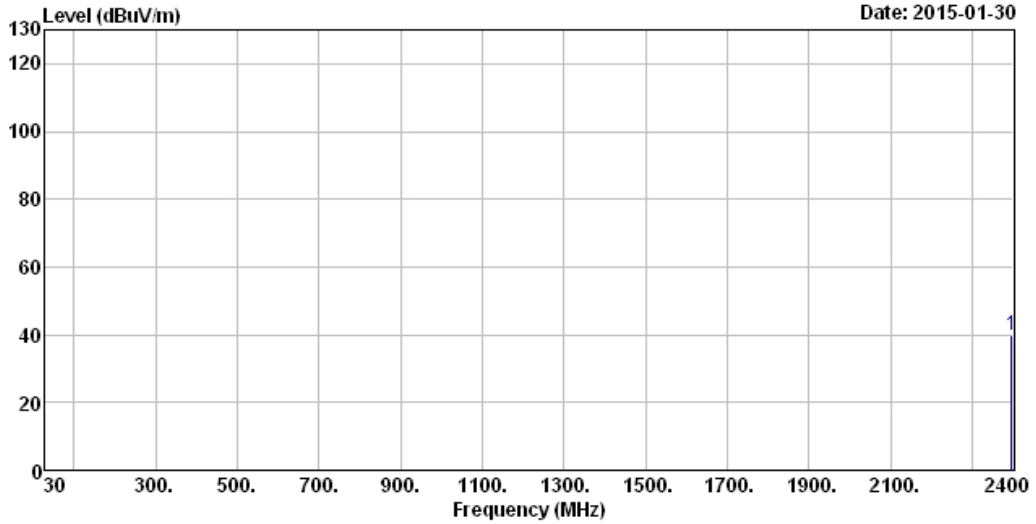
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH6 / Ant.2 / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2442.000	100.30	-----	-----	67.85	28.51	3.94	0.00	Peak	---	---



Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH6 / Ant.2 / 30MHz~2400MHz
(down 30dBc)

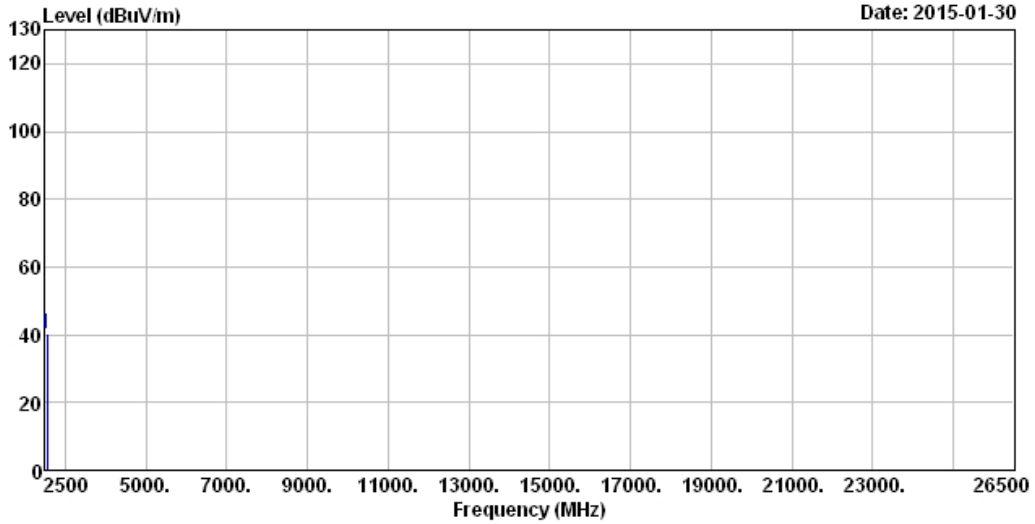


Date: 2015-01-30

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2395.000	39.90	-----	-----	40.10	28.41	3.94	32.55	Peak	0	0



Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH6 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)

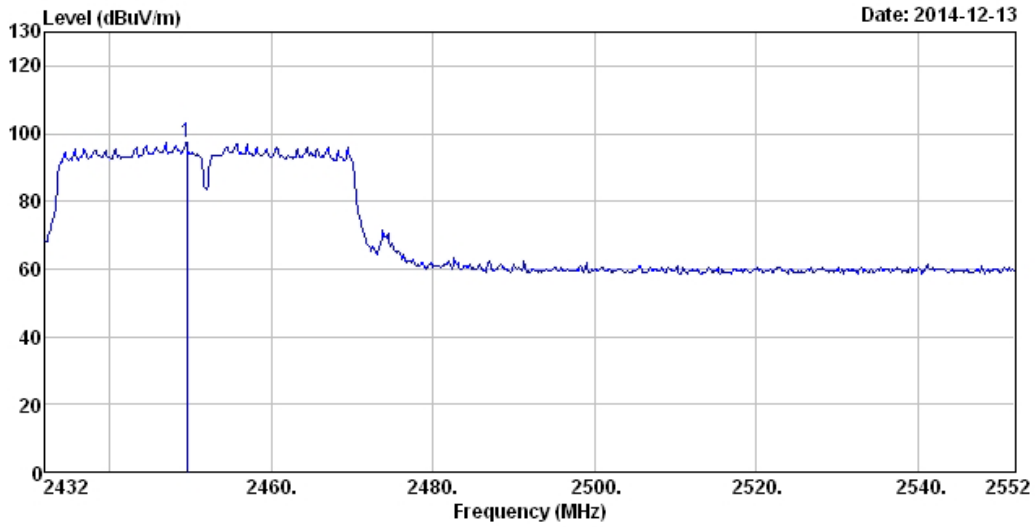


Date: 2015-01-30

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2549.000	40.22	-----	-----	40.02	28.76	3.98	32.54	Peak	0	0



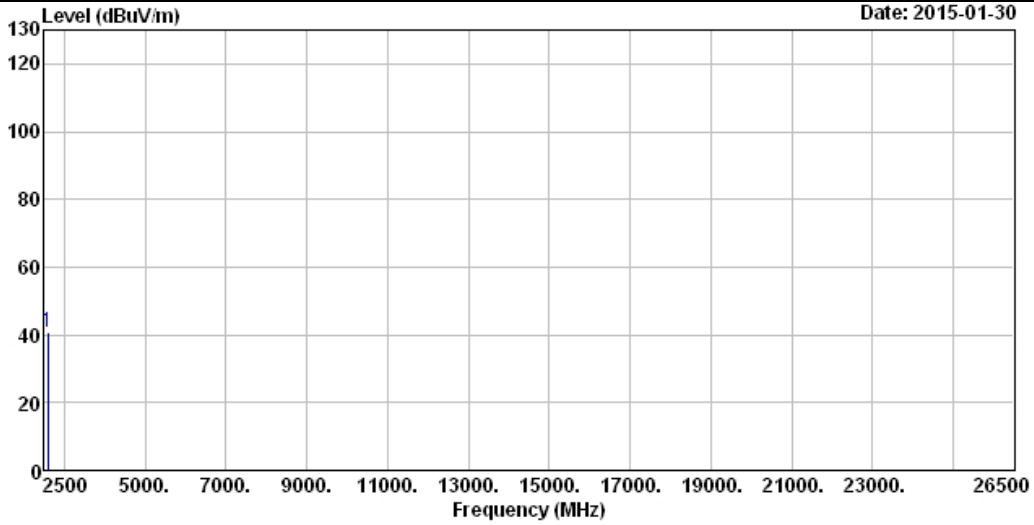
Plot on Configuration 802.11n 40MHz MCS0 / CH9 / Ant.2 / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2449.520	97.42	-----	-----	64.97	28.51	3.94	0.00	Peak	---	---



Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH9 / Ant.2 / 30MHz~2400MHz
(down 30dBc)

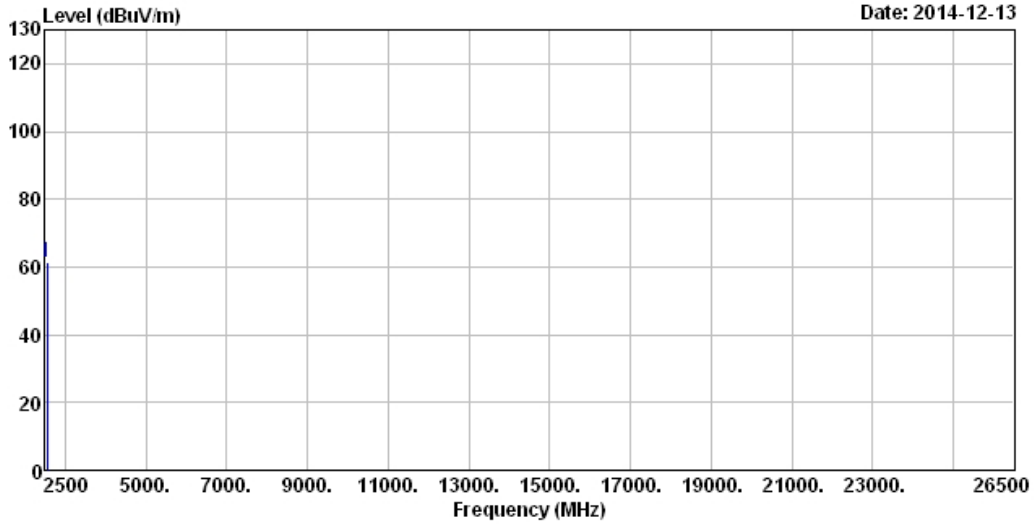


Date: 2015-01-30

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2581.000	40.92	-----	-----	40.60	28.87	3.99	32.54	Peak	0	0



Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH9 / Ant.2 / 2500MHz~26500MHz
(down 30dBc)



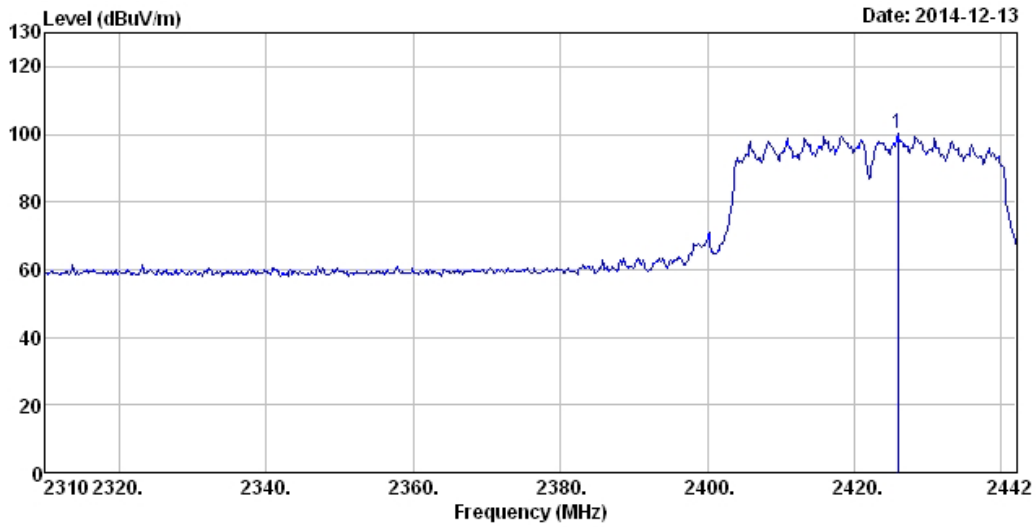
Date: 2014-12-13

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2541.200	61.38	-----	-----	61.19	28.76	3.98	32.55	Peak	---	---



< MCS0, CDD mode, Ant. 1+2>

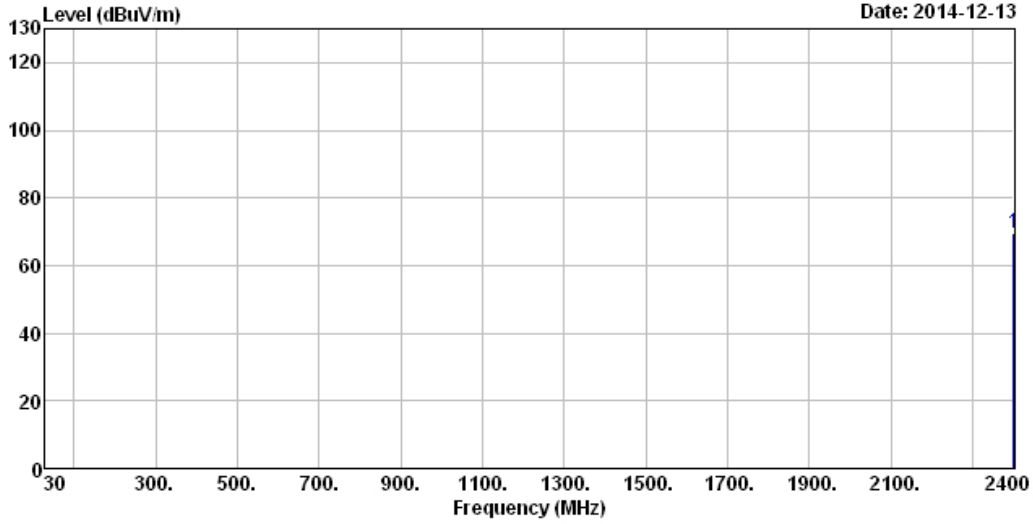
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH3 / Ant.1+2 CDD mode / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2425.896	100.48	-----	-----	68.06	28.48	3.94	0.00	Peak	---	---



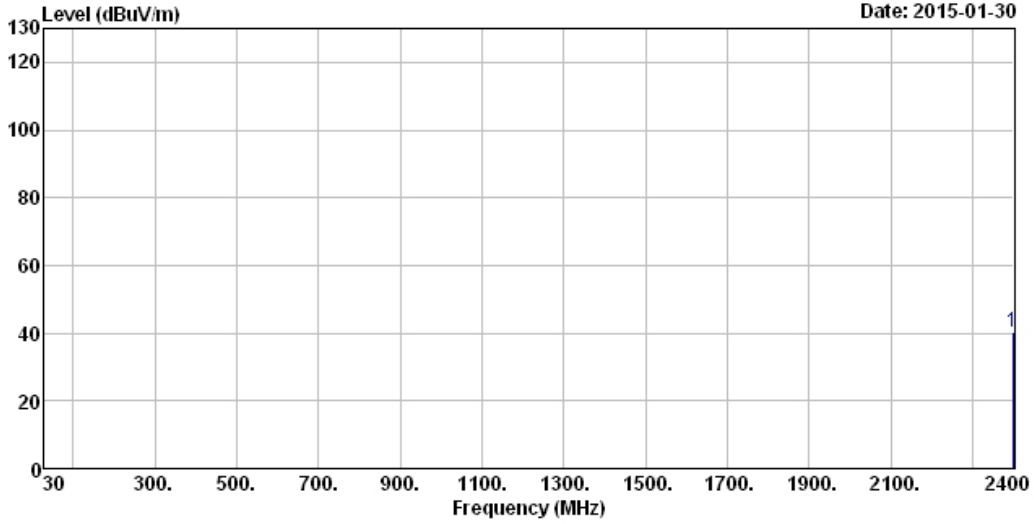
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH3 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2400.000	69.42	-----	-----	69.62	28.41	3.94	32.55	Peak	---	---



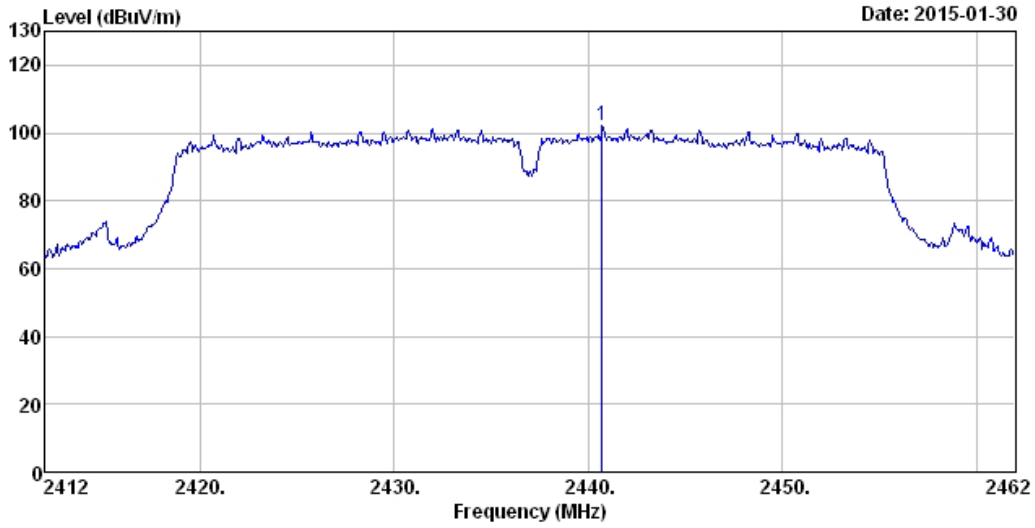
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH3 / Ant.1+2 CDD mode / 2500MHz~26500MHz (down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2398.000	40.40	-----	-----	40.60	28.41	3.94	32.55	Peak	0	0



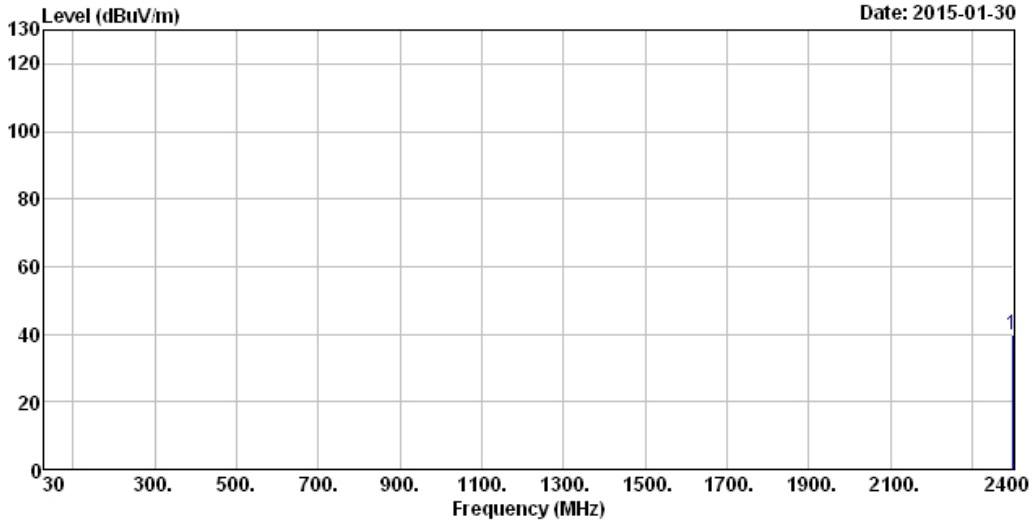
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH6 / Ant.1+2 CDD mode / Reference Level



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2440.700	101.99	-----	-----	69.54	28.51	3.94	0.00	Peak	---	---



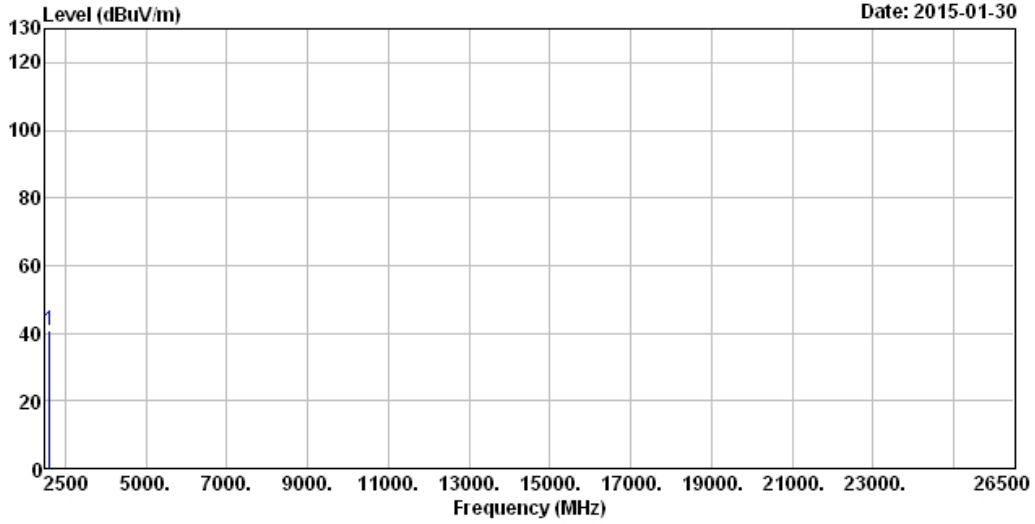
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH6 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2397.000	39.82	-----	-----	40.02	28.41	3.94	32.55	Peak	0	0



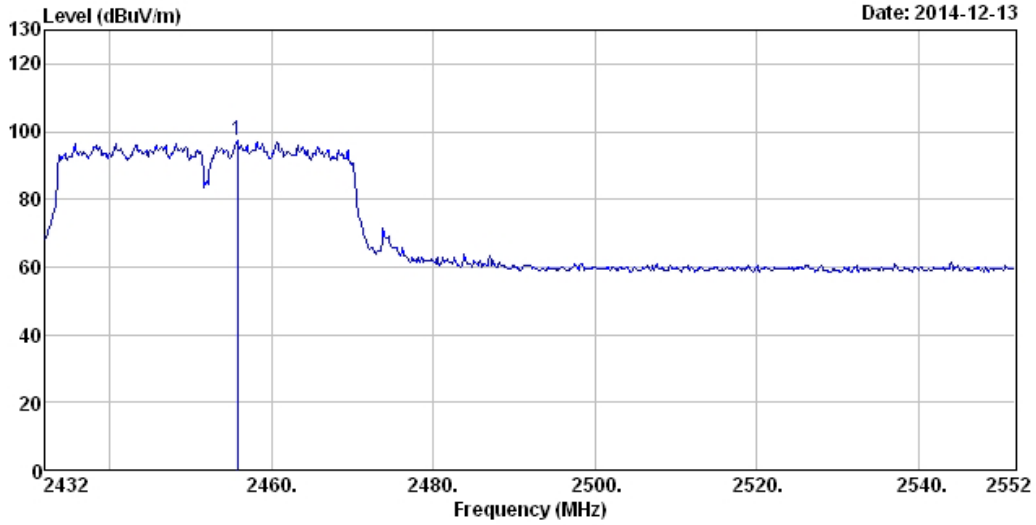
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH6 / Ant.1+2 CDD mode / 2500MHz~26500MHz (down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2599.000	40.68	-----	-----	40.31	28.92	3.99	32.54	Peak	0	0



Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH9 / Ant.1+2 CDD mode / Reference Level

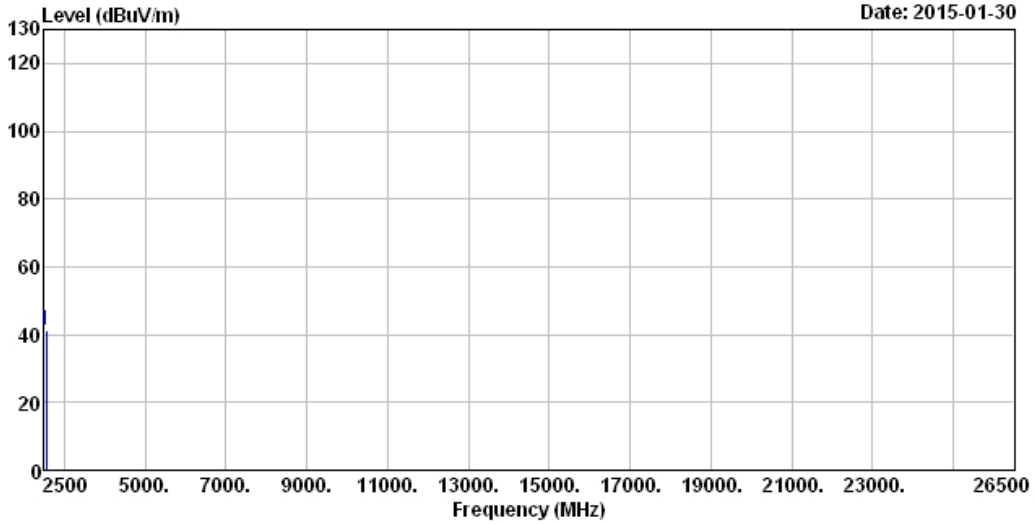


Date: 2014-12-13

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2455.760	97.51	-----	-----	65.03	28.54	3.94	0.00	Peak	---	---



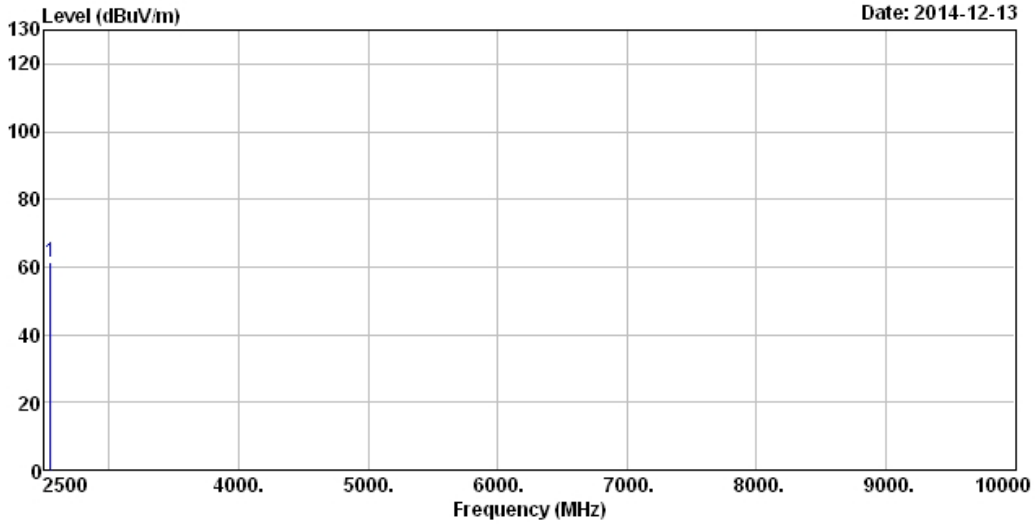
Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH9 / Ant.1+2 CDD mode / 30MHz~2400MHz
(down 30dBc)



Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 2541.000	41.39	-----	-----	41.20	28.76	3.98	32.55	Peak	0	0



Plot on Configuration IEEE 802.11n 40MHz MCS0 / CH9 / Ant.1+2 CDD mode / 2500MHz~26500MHz (down 30dBc)



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2544.080	61.49	-----	-----	61.29	28.76	3.98	32.54	Peak	---	---



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMC Receiver	R&S	ESCS 30	100174	9kHz ~ 2.75GHz	Apr. 14, 2014	AC Conduction
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz ~ 30MHz	Jan. 22, 2014	AC Conduction
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	Oct. 31, 2014	AC Conduction
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	AC Conduction

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSV 40	101013	9kHz ~ 40GHz	Jan. 25, 2014	RF Conducted
Signal Generator	R&S	SMB 100A	175727	100kHz ~ 40GHz	Jan. 07, 2014	RF Conducted
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	SN MY12586	30MHz ~ 26.5GHz	Dec. 02, 2013	RF Conducted
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_103	10709/4	30MHz ~ 26.5GHz	Dec. 02, 2013	RF Conducted

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	Nov. 29, 2014	Radiated Emission
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	May 05, 2014	Radiated Emission
Amplifier	Agilent	8449B	3008A02120	1GHz ~ 26.5GHz	Sep. 01, 2014	Radiated Emission
Spectrum	R&S	FSP40	100004	9kHz ~ 40GHz	Mar. 27, 2014	Radiated Emission
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30MHz ~ 1GHz	Sep. 20, 2014	Radiated Emission
Horn Antenna	ETS • LINDGREN	3115	6741	1GHz ~ 18GHz	Jun. 11, 2014	Radiated Emission
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz ~ 40GHz	Jan. 10, 2014 Dec. 29, 2014	Radiated Emission
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	Nov. 15, 2014	Radiated Emission
RF Cable-high	SUHNER	SUCOFLEX 106	03CH03-HY	1GHz ~ 40GHz	Dec. 12, 2014	Radiated Emission
Turn Table	EM Electronics	EM Electronics	060615	0 ~ 360 degree	N/A	Radiated Emission
Antenna Mast	MF	MF-7802	MF780208179	1 ~ 4 m	N/A	Radiated Emission

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9kHz ~ 30MHz	Jul. 28, 2014	Radiated Emission

Note: Calibration Interval of instruments listed above is two years.



5 Test Commands

Function	Information/Command	Certification build commands
	How to enter Telnet	.telnet 192.168.0.1
Wireless LAN	802.11b mode selection	wlctl down wlctl channel 1 wlctl chanspec -c 1 -b 2 -w 20 -s 0 wlctl nrate -r 1 wlctl mimo_txbw -1 wlctl up wlctl join aaa wlctl rate wlctl channel wlctl txant 0 wlctl nphy_txpwrctrl 1 wlctl txpwr1 -o -d 16 wlctl up
	802.11g mode selection	wlctl out wlctl up wlctl down wlctl channel 1 wlctl chanspecs -c 1 -b 2 -w 20 -s 0 wlctl nrate -r 6 wlctl mimo_txbw 2 wlctl join aaa wlctl rate wlctl channel wlctl txant 0 wlctl nphy_txpwrctrl 1 wlctl txpwr1 -o -q 63 wlctl up
	802.11n-20M MCS0 mode selection	wlctl out wlctl up wlctl down wlctl channel 1 wlctl chanspecs -c 1 -b 2 -w 20 -s 0 wlctl nrate -m 8 -s 1 wlctl mimo_txbw 2 wlctl up wlctl join 123 wlctl rate wlctl channel wlctl txant 0 wlctl nphy_txpwrctrl 1 wlctl txpwr1 -o -q 52 wlctl up
	Channel Selection	wlctl cahnnel x
	Transmit Data rate selection	wl nrate -m 0 -s 1 r legacy rate (CDD OFDM) -m mcs rate, -s (0=SISO 1=CDD 3=SDM)
	Disable Wireless LAN	wlctl down
	Enable WLAN	wlctl up
	Antenna Selection	wlctl txant 0 0-->ant1 ;1-->ant2
	Continue Transmit	<dos mode command> epi_tcp -Htsufb -b 65534 -l 800 -S 4 -N 20 -n 800000000 192.168.1.255
	Continue Receive	wlctl out
	Read SROM	debug exec cmd="wld ssrom" and Ctrl+Q
	Curpower	wlctl curpower