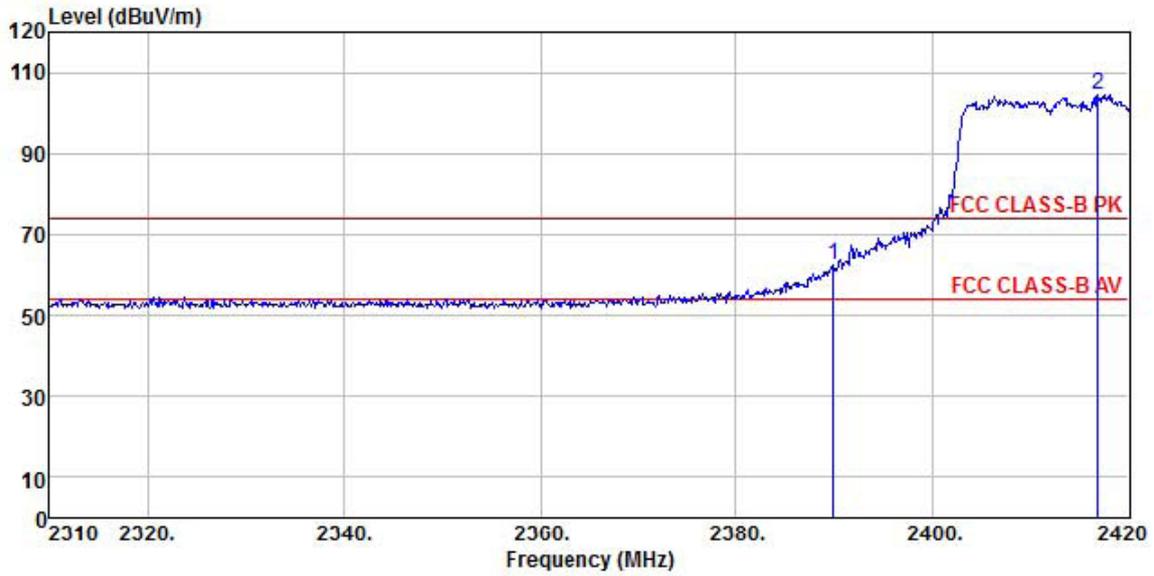


**802.11n (low channel)**

Detector mode: Peak

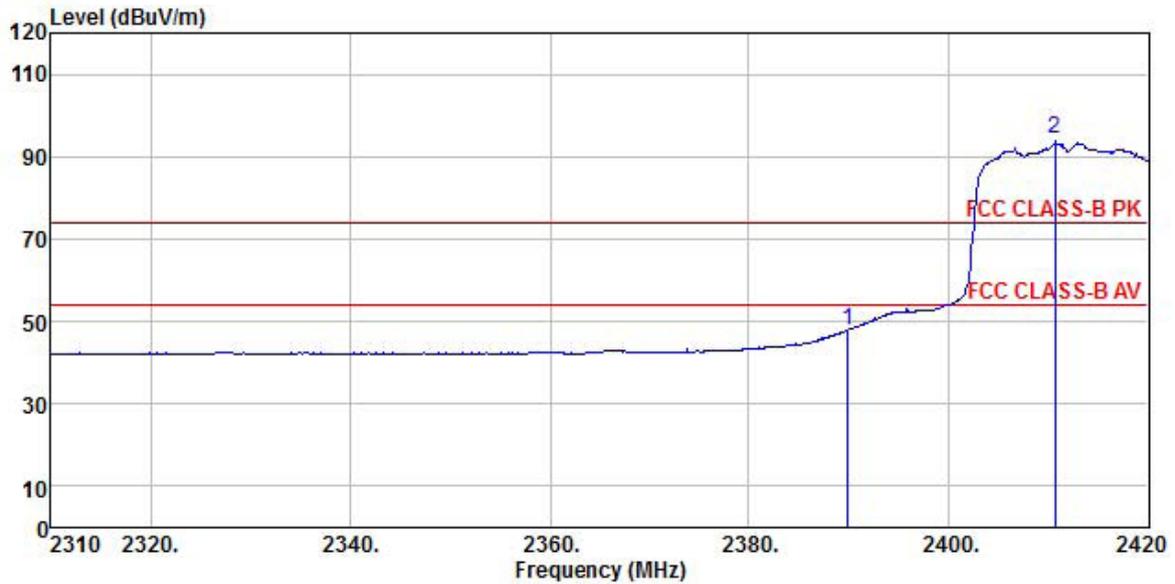
Polarity: Horizontal



Site : chamber  
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-H) HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : wifi ch1 11n  
 Memo :

	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	2389.97	55.63	37.92	7.13	38.34	62.34	74.00	-11.66 Peak
2 pp	2416.81	97.75	37.89	7.21	38.34	104.51	74.00	30.51 Peak

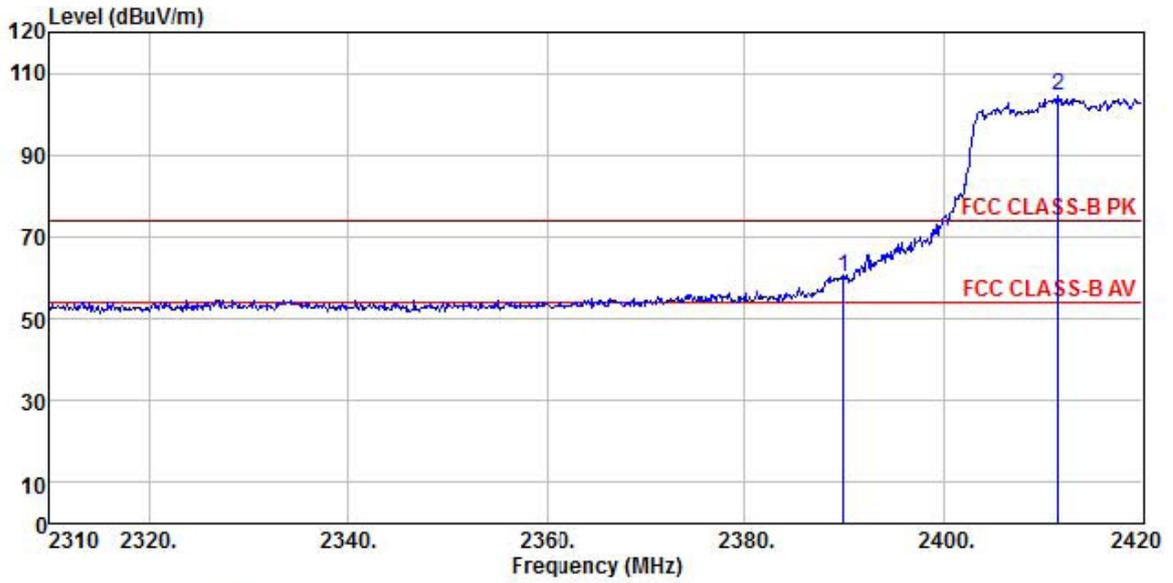
Detector mode: Average      Polarity: Horizontal



Site : chamber  
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-H) HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : wifi ch1 11n  
 Memo :

	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	2389.97	41.25	37.92	7.13	38.34	47.96	54.00	-6.04 Average
2	2410.65	87.54	37.89	7.21	38.34	94.30	54.00	40.30 Average

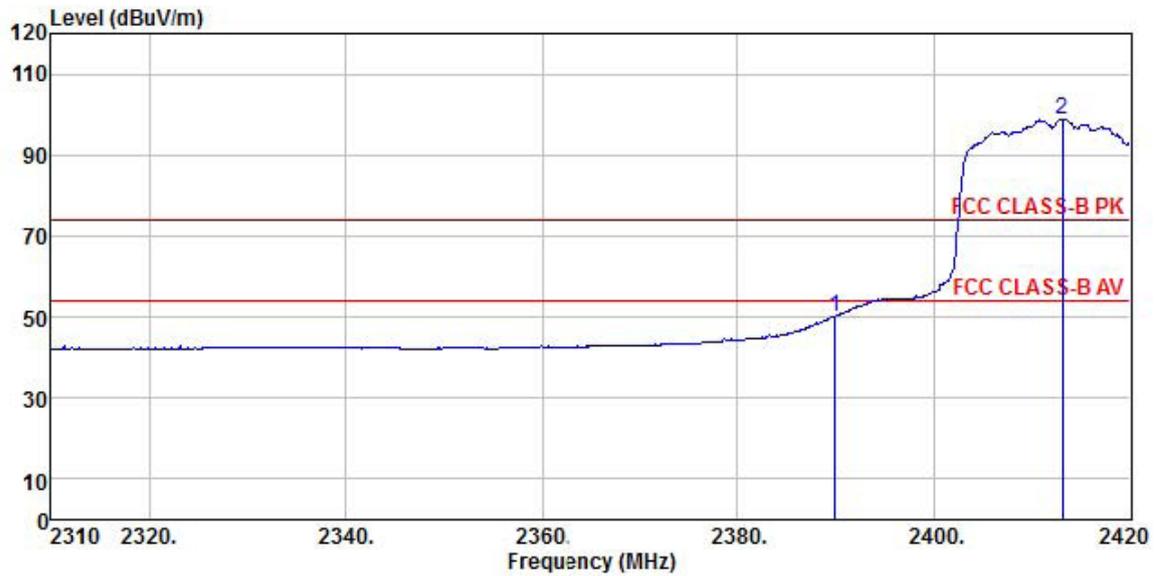
Detector mode: Peak                      Polarity: Vertical



Site : chamber  
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-V) VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : wifi ch1 11n  
 Memo :

	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	2389.97	53.69	37.92	7.13	38.34	60.40	74.00	-13.60 Peak	
2 pp	2411.53	97.60	37.89	7.21	38.34	104.36	74.00	30.36 Peak	

Detector mode: Average      Polarity: Vertical



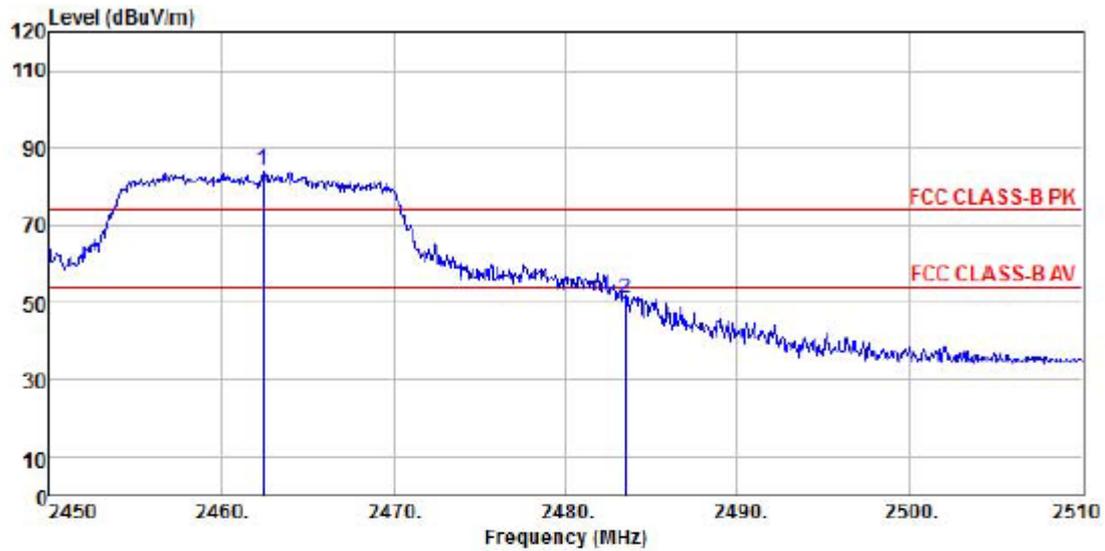
Site : chamber  
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-V) VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : wifi ch1 11n  
 Memo :

	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	2389.97	43.48	37.92	7.13	38.34	50.19	54.00	-3.81 Average
2 pp	2413.07	92.11	37.89	7.21	38.34	98.87	54.00	44.87 Average

### 802.11n (high channel)

Detector mode: Peak

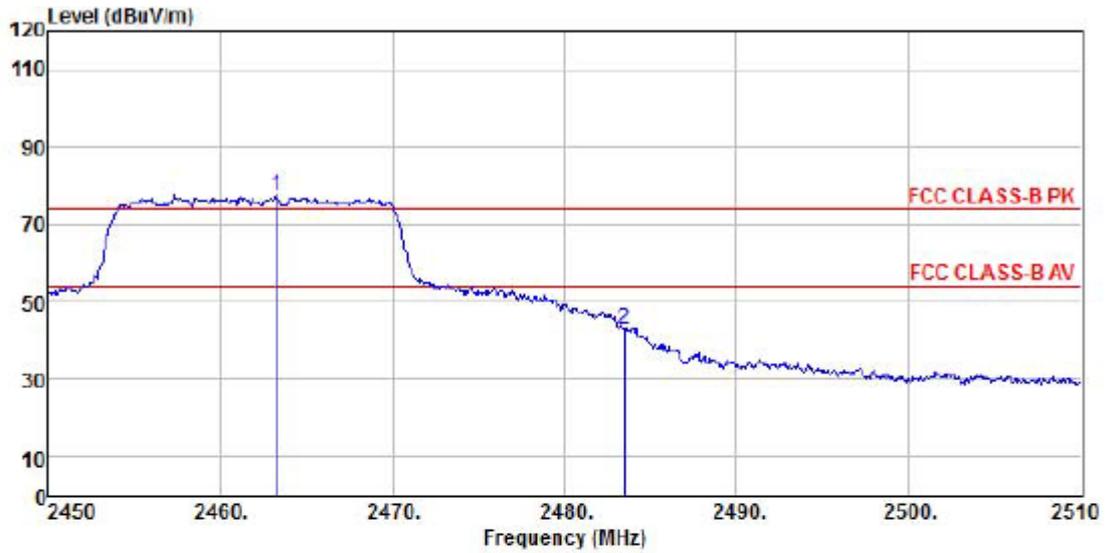
Polarity: Horizontal



Site : chamber  
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11n ch11  
 Memo :

	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 pp	2462.36	87.68	27.49	7.39	38.32	84.24	74.00	10.24 Peak
2	2483.48	54.17	27.52	7.41	38.31	50.79	74.00	-23.21 Peak

Detector mode: Average      Polarity: Horizontal

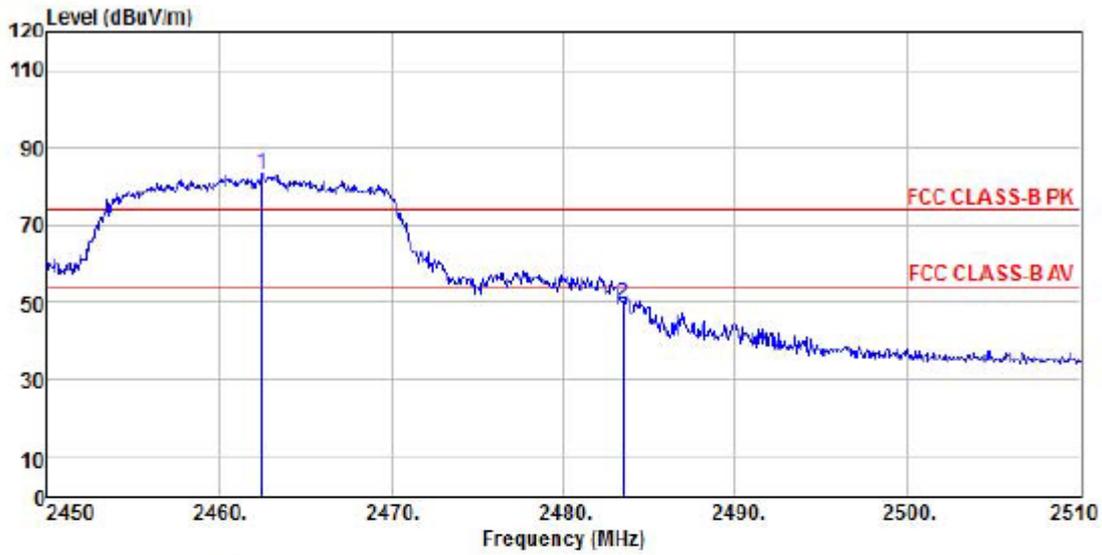


Site : chamber  
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11n ch11  
 Memo :

	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 pp 2463.26	81.10	27.49	7.39	38.32	77.66	54.00	23.66	Average
2 2483.48	46.30	27.52	7.41	38.31	42.92	54.00	-11.08	Average

Detector mode: Peak

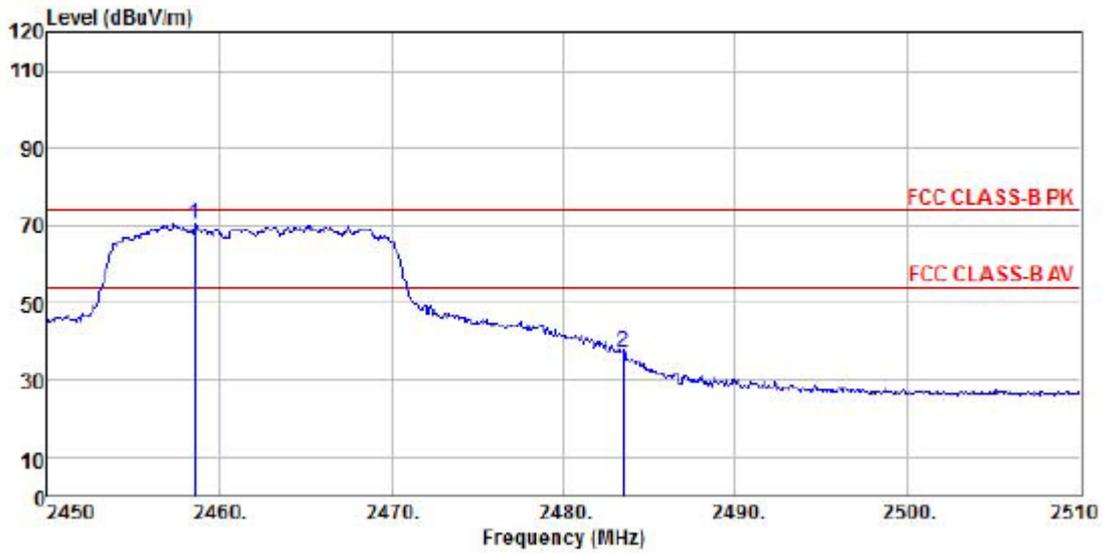
Polarity: Vertical



Site : chamber  
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11n ch11  
 Memo :

	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 pp	2462.42	86.56	27.49	7.39	38.32	83.12	74.00	9.12 Peak
2	2483.48	53.13	27.52	7.41	38.31	49.75	74.00	-24.25 Peak

Detector mode: Average      Polarity: Vertical



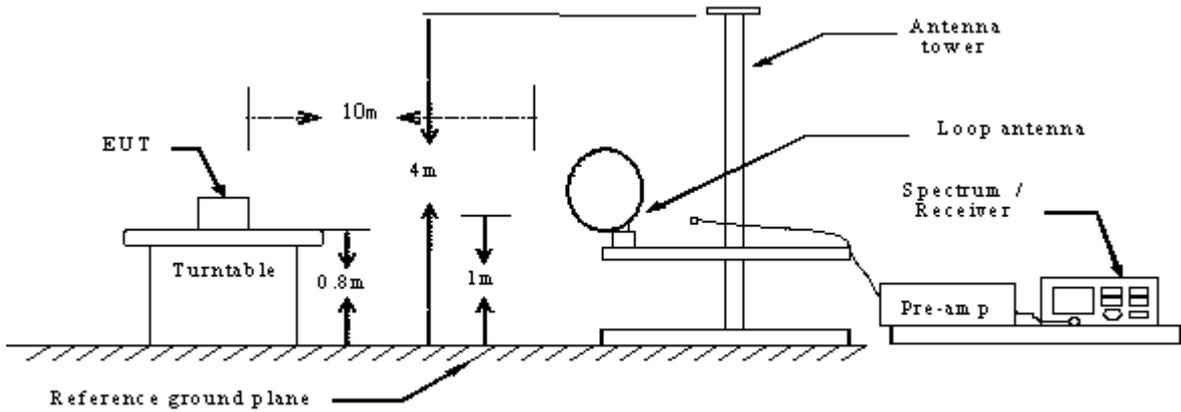
Site : chamber  
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11n ch11  
 Memo :

	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 pp	2458.58	73.83	27.49	7.39	38.32	70.39	54.00	16.39	Average
2	2483.48	40.56	27.52	7.41	38.31	37.18	54.00	-16.82	Average

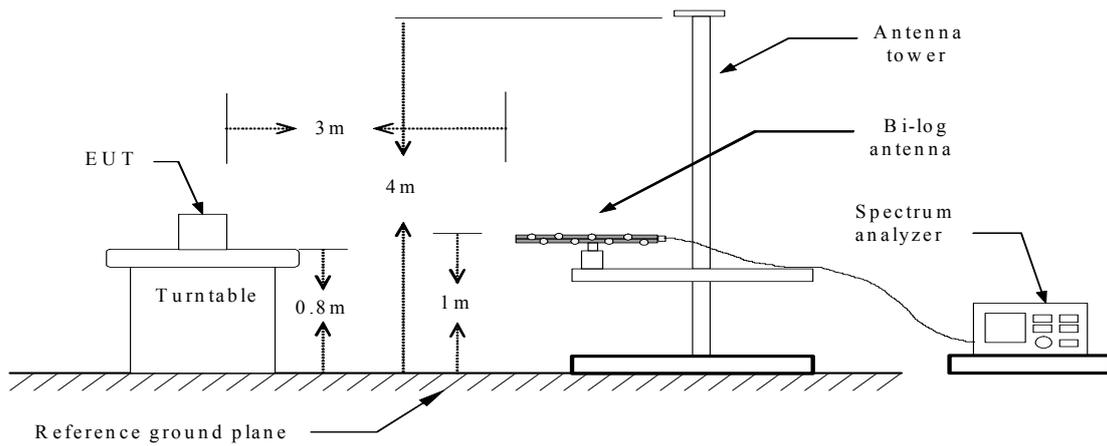
## 10. SPURIOUS EMISSIONS (RADIATION)

### 10.1 TEST SETUP

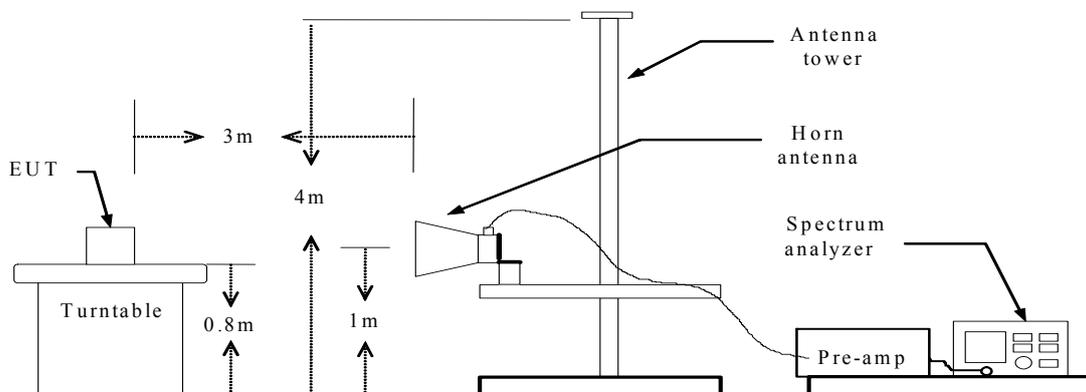
Radiated Spurious Measurement: below 30MHz



Radiated Spurious Measurement: below 1GHz



Radiated Spurious Measurement: above 1GHz



## 10.2 LIMITS

Frequency (MHz)	Limits (dBuV/m)	Measured distance (m)
0.009-0.490	107.6-72.9	10
0.490-1.705	52.8-42.1	
1.705-30.0	49	
30~88	40	3
88~216	43.5	
216-960	46	
Above 960	54	

Notes: the calculate formula for below 30MHz

$$L2 = 20\lg(L1) + 40\lg(d1/d2)$$

L2: is the specified limit in dB microvolts per metre at distance d2.

L1: is the specified limit in microvolts per metre at distance d1.

For example:

L1 = 2400/9 ( $\mu$ V/m), d1 = 300 (m), d2 = 10 (m), so L2 as follows:

$$20\lg(2400/9) + 40\lg(300/10) = 107.6(\text{dB}\mu\text{V/m})$$

## 10.3 TEST PROCEDURE

### Radiated Emission ( 9 kHz - 30 MHz ) :

Spurious emissions from the EUT are measured in the frequency range of 9 kHz to 30 MHz using a tuned receiver and a shielded loop antenna. The antenna was positioned 3, 10 or 30 meters horizontally from the EUT. Measurements have been made in all three orthogonal axes and the shielded loop antenna was rotated to locate the maximum of the emissions. The emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz.

### Radiated Emission ( 30 MHz - 1000 MHz ) :

According to description of ANSI C63.4: 2009 sec.13.4, the preliminary radiated emissions measurement were carried out. The preliminary radiated measurements were performed at the measurement distance that specified for compliance to determine the emission characteristics of the EUT. The EUT configuration (in X, Y and Z axis), cable configuration and mode of operation were determined for producing the maximum level of emissions. These configurations were used for the final radiated emissions measurements. The measurement is carried out using a spectrum analyzer or receiver. The Quasi-peak detector is used and RBW is set to 120kHz. The antenna height and turn table rotation is adjusted until the maximum power value is founded on spectrum analyzer or receiver.

**Radiated Emission (Above 1 GHz) :**

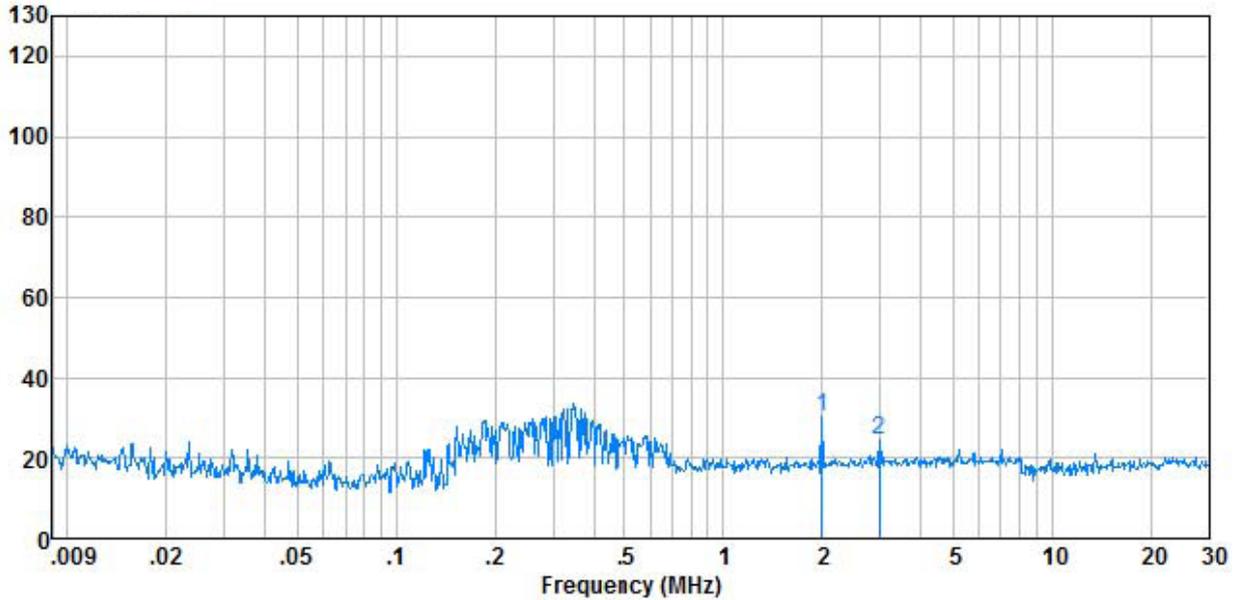
According to description of ANSI C63.4: 2009 sec.13.4, the preliminary radiated emissions measurement were carried out. The preliminary radiated measurements were performed at the measurement distance that specified for compliance to determine the emission characteristics of the EUT. The EUT configuration (in X, Y and Z axis), cable configuration and mode of operation were determined for producing the maximum level of emissions. These configurations were used for the final radiated emissions measurements. The measurement is carried out using a spectrum analyzer or receiver. The spectrum analyzer scans from 1GHz to 25GHz (higher than the 10<sup>th</sup> harmonic of the carrier). The peak detector is used for Peak limit and RBW is set to 1MHz ,VBW  $\geq$  3RBW. The peak detector is used for Average limit and RBW is set to 1MHz ,VBW is not smaller than 1/T, T = to the shortest pulse width. The antenna height and turn table rotation is adjusted until the maximum power value is founded on spectrum analyzer or receiver.

### 10.4 RESULTS & PERFORMANCE

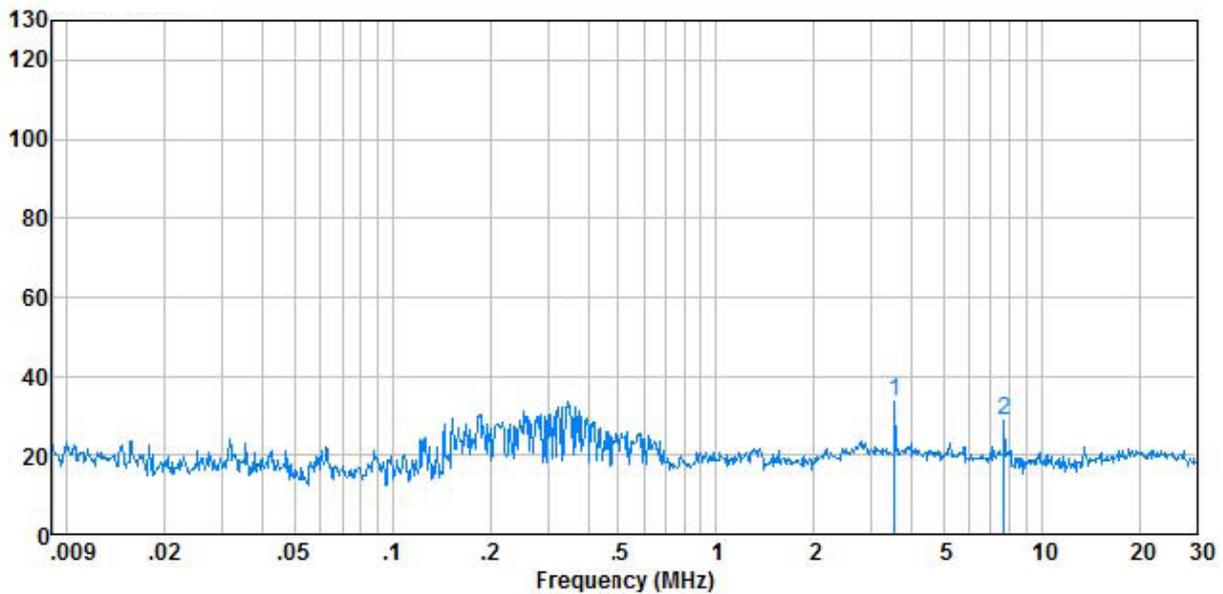
**From 9KHz to 30MHz:**

802.11b, traffic mode; Channel 1

H:



V:

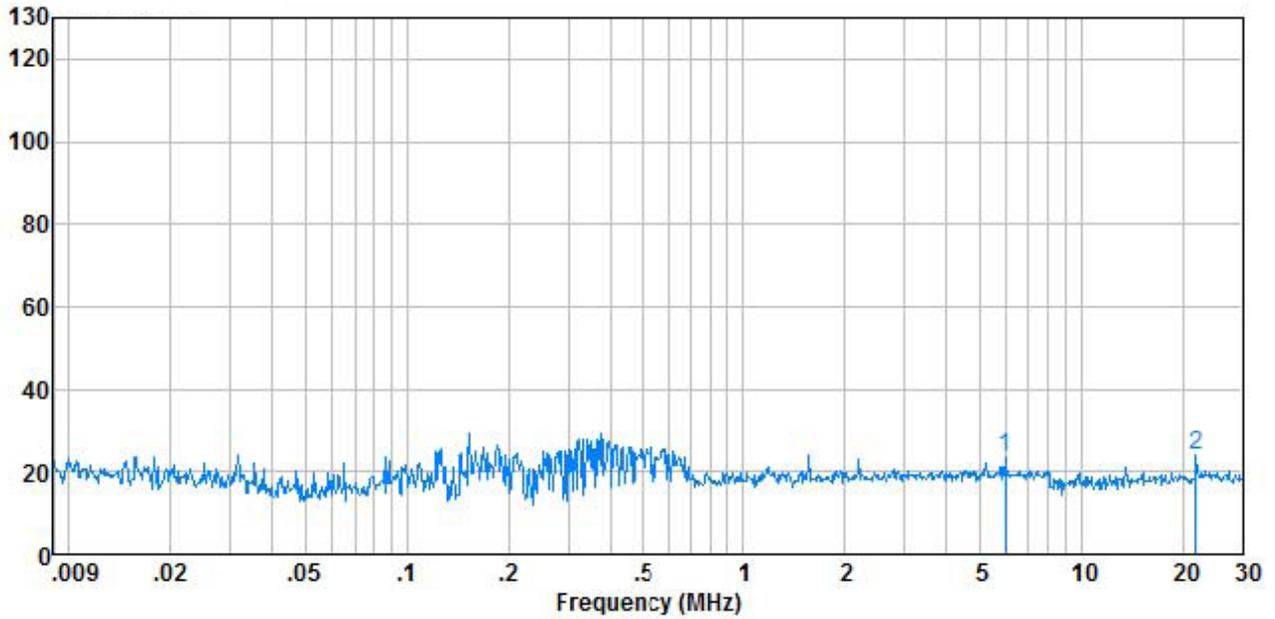


Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
2	H	10.91	19.05	29.96	49	-19.04	Peak
3.55	V	14.26	19.21	33.47	49	-15.53	Peak
3	H	5.08	19.14	24.22	49	-24.78	Peak
7.68	V	9.44	19.22	28.66	49	-20.34	Peak

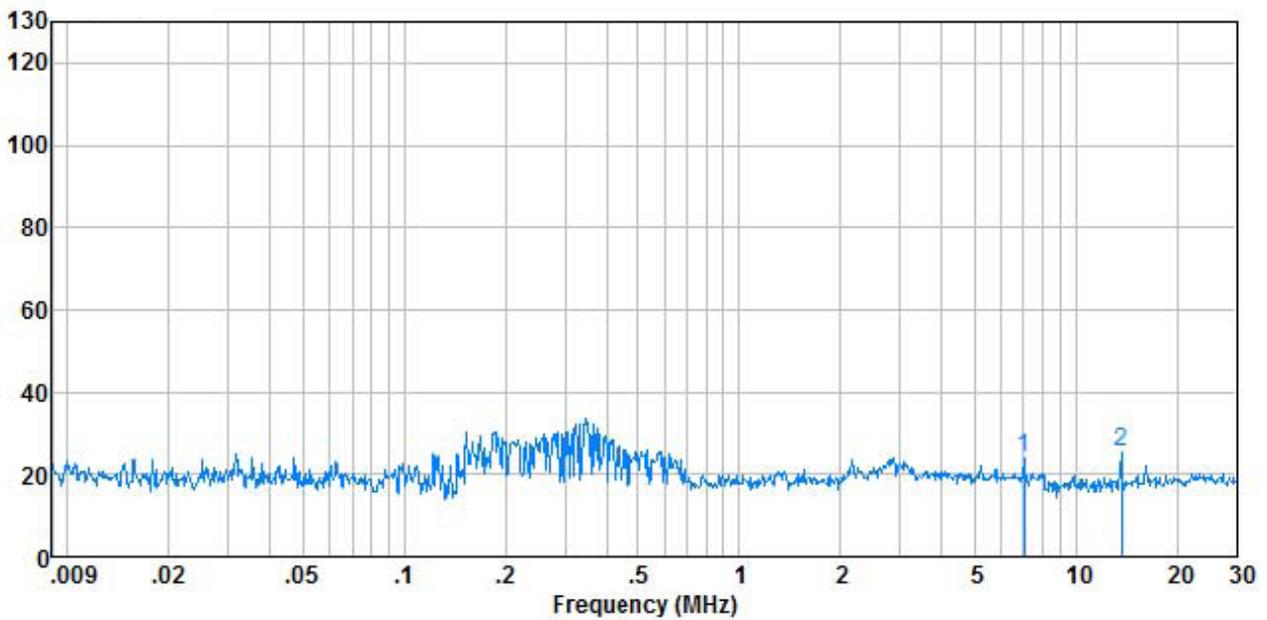
H: Horizontal V: Vertical

Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

802.11b, traffic mode; Channel 7  
 H:



V:

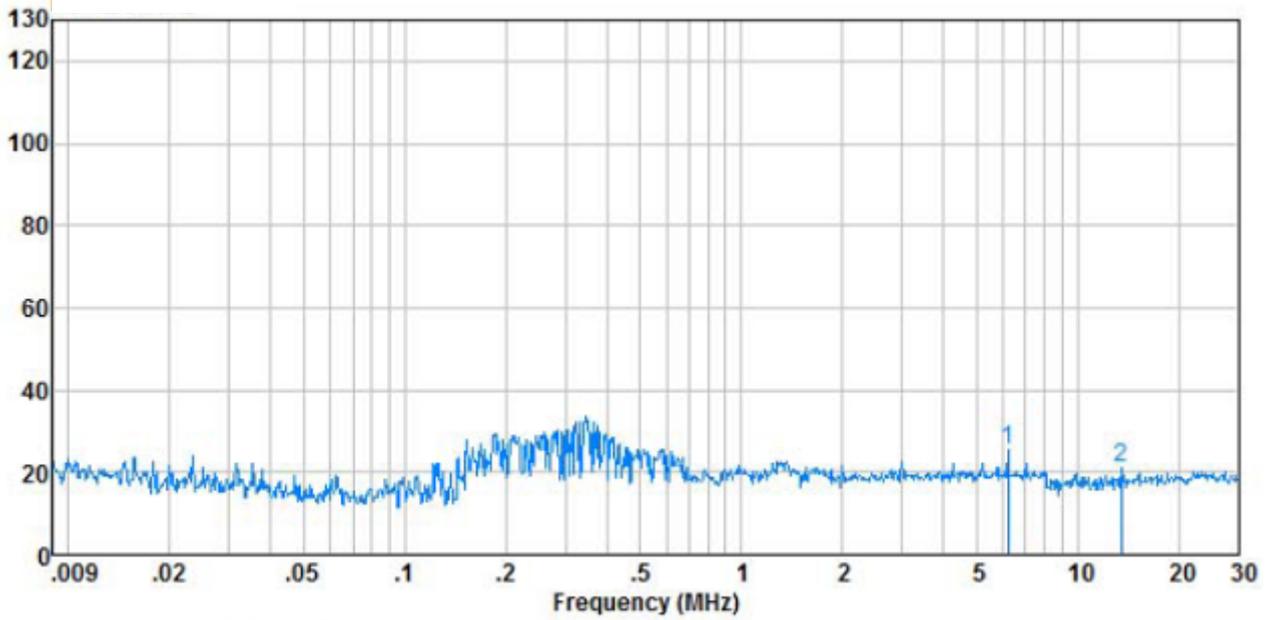


Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
5.97	H	10.36	19.12	29.48	49	-19.42	Peak
7.02	V	11.21	19.21	30.42	49	-18.58	Peak
21.86	H	11.46	19.60	31.06	49	-17.94	Peak
13.66	V	9.54	19.22	28.76	49	-20.24	Peak

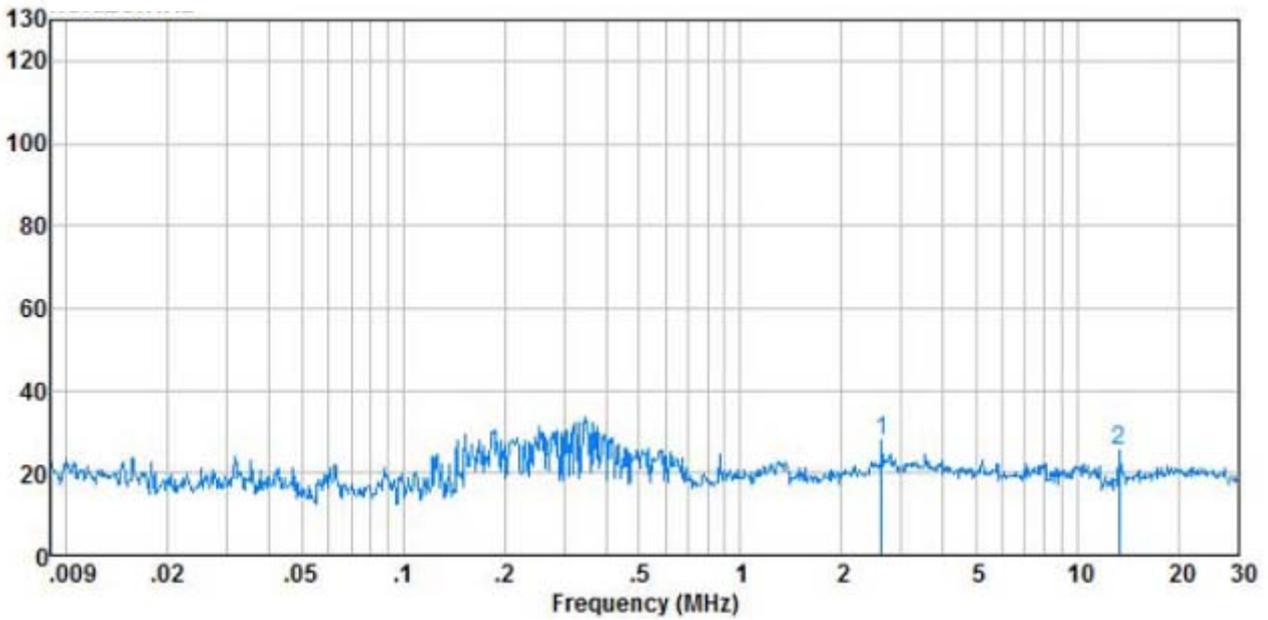
H: Horizontal V: Vertical

Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

802.11b, traffic mode; Channel 11  
 H:



V:

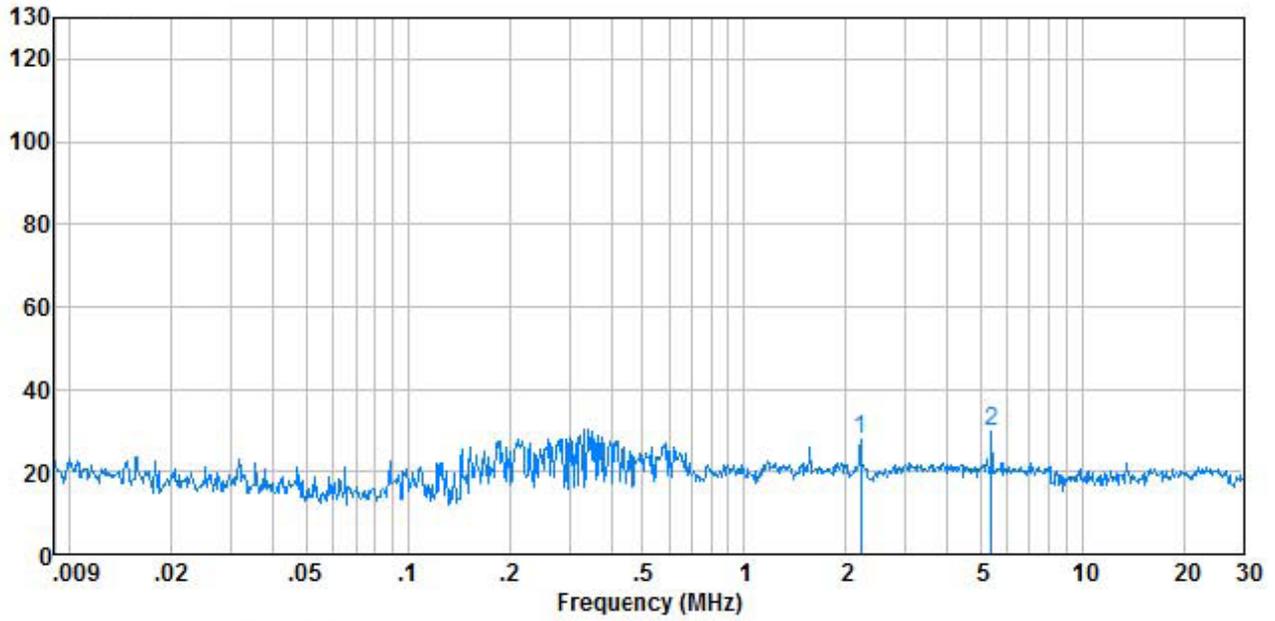


Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
6.22	H	6.27	19.13	25.40	49	-23.60	Peak
2.63	V	8.49	19.15	27.64	49	-21.36	Peak
13.55	H	1.75	19.28	21.03	49	-27.97	Peak
13.33	V	6.05	19.33	25.38	49	-23.62	Peak

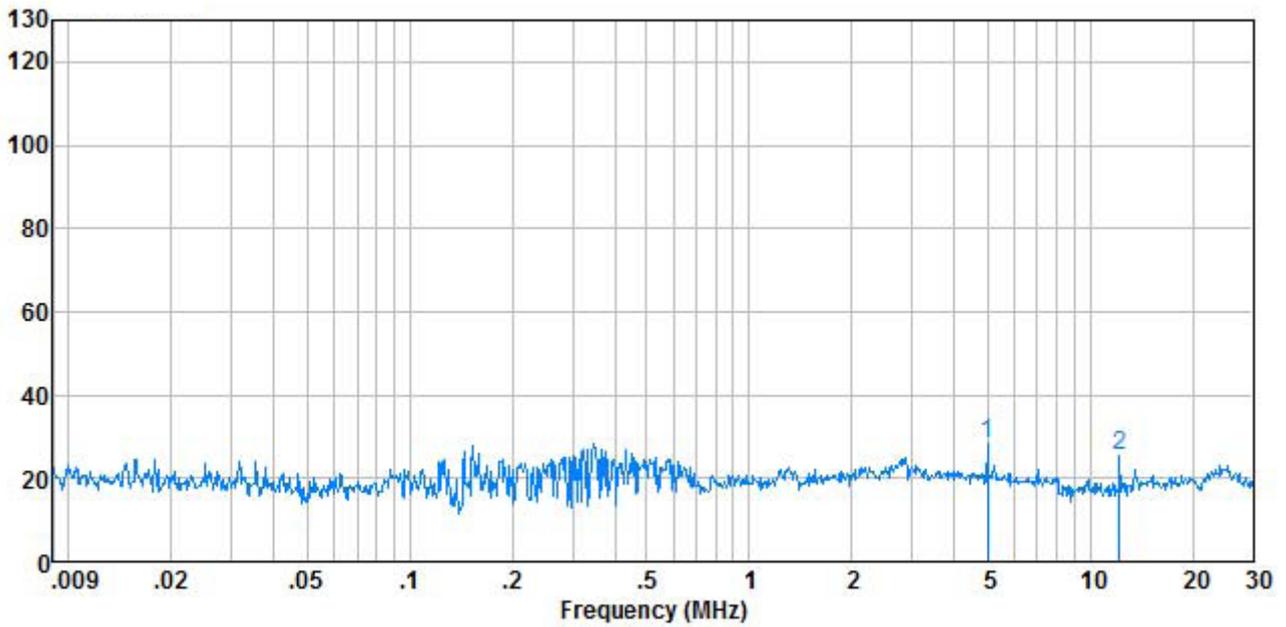
H: Horizontal V: Vertical

Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

802.11g, traffic mode; Channel 1  
 H:



V:



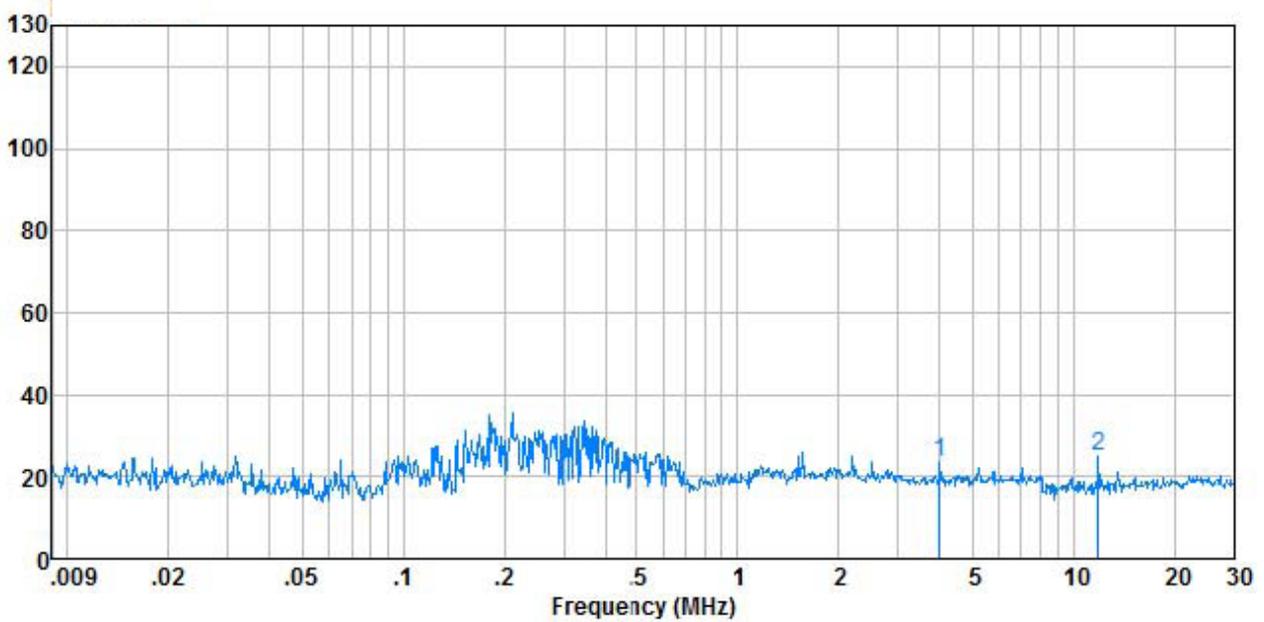
Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
2.22	H	8.30	19.21	27.51	49	-21.49	Peak
5	V	9.19	19.09	28.28	49	-20.72	Peak
5.42	H	10.42	19.18	29.60	49	-19.40	Peak
12.19	V	5.79	19.48	25.27	49	-23.73	Peak

H: Horizontal V: Vertical

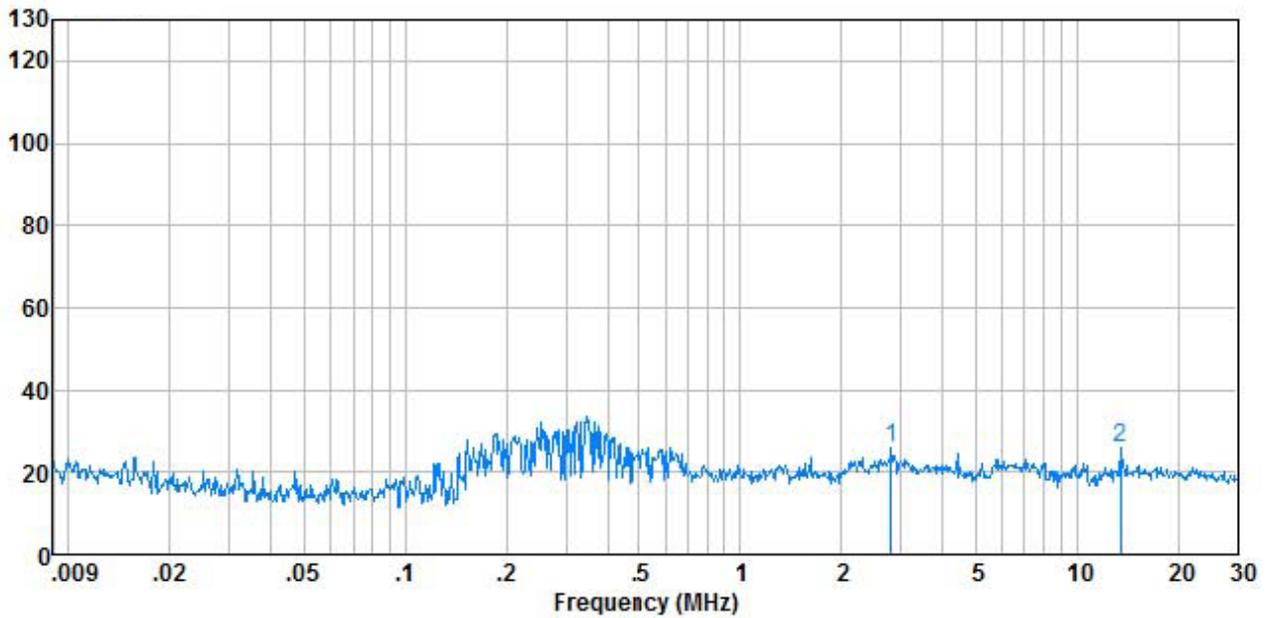
Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

802.11g, traffic mode; Channel 7

H:



V:

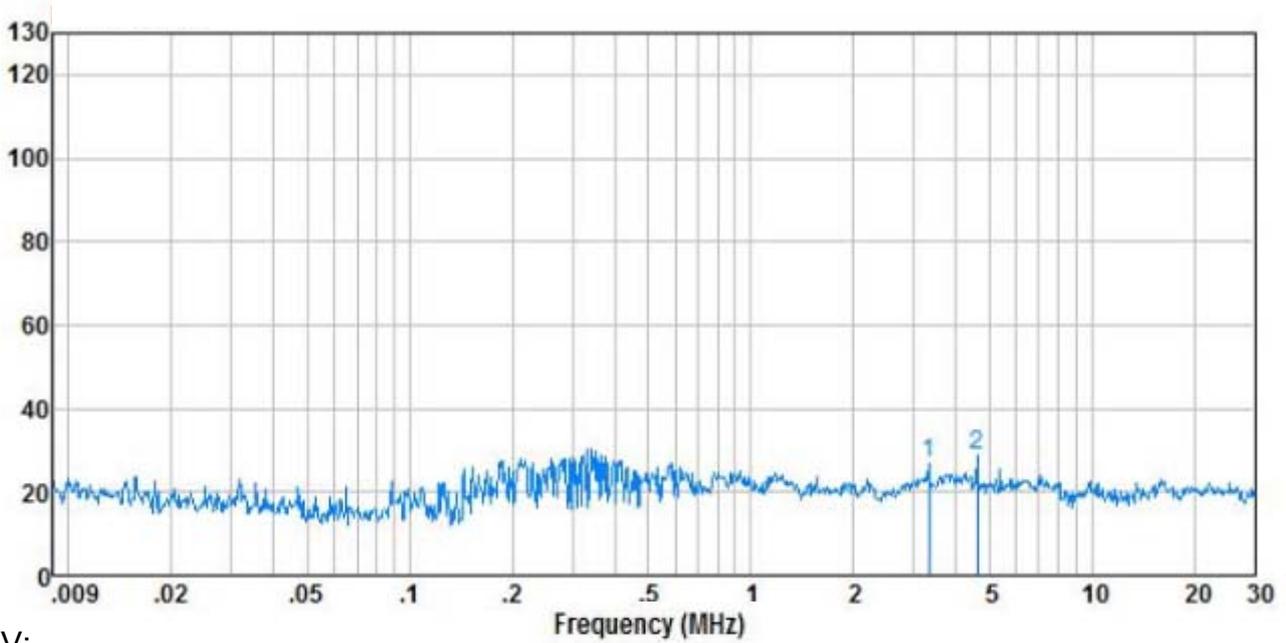


Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
4.01	H	8.30	19.15	27.45	49	-21.55	Peak
2.81	V	9.56	19.31	28.87	49	-20.13	Peak
11.90	H	10.42	19.48	29.90	49	-19.10	Peak
13.55	V	6.70	19.51	26.21	49	-20.79	Peak

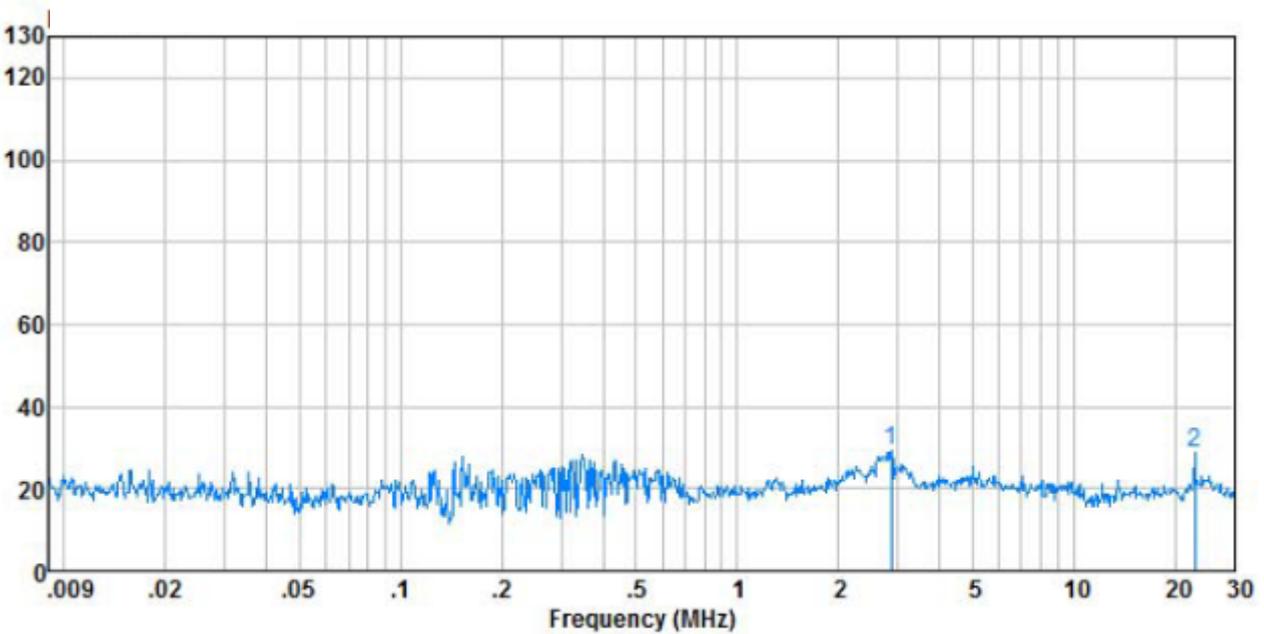
H: Horizontal V: Vertical

Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

802.11g, traffic mode; Channel 11  
 H:



V:

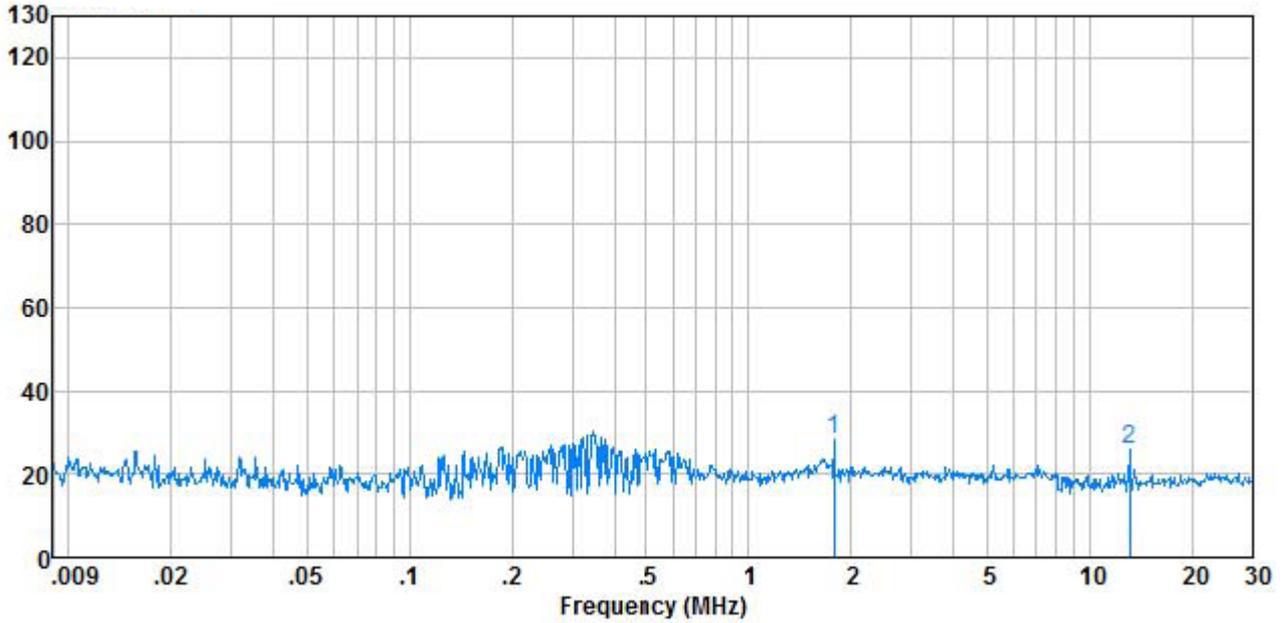


Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
3.33	H	7.56	19.24	26.80	49	-22.20	Peak
2.88	V	9.86	19.31	29.17	49	-19.83	Peak
4.61	H	9.84	19.09	28.93	49	-20.07	Peak
22.95	V	9.01	19.56	28.57	49	-20.43	Peak

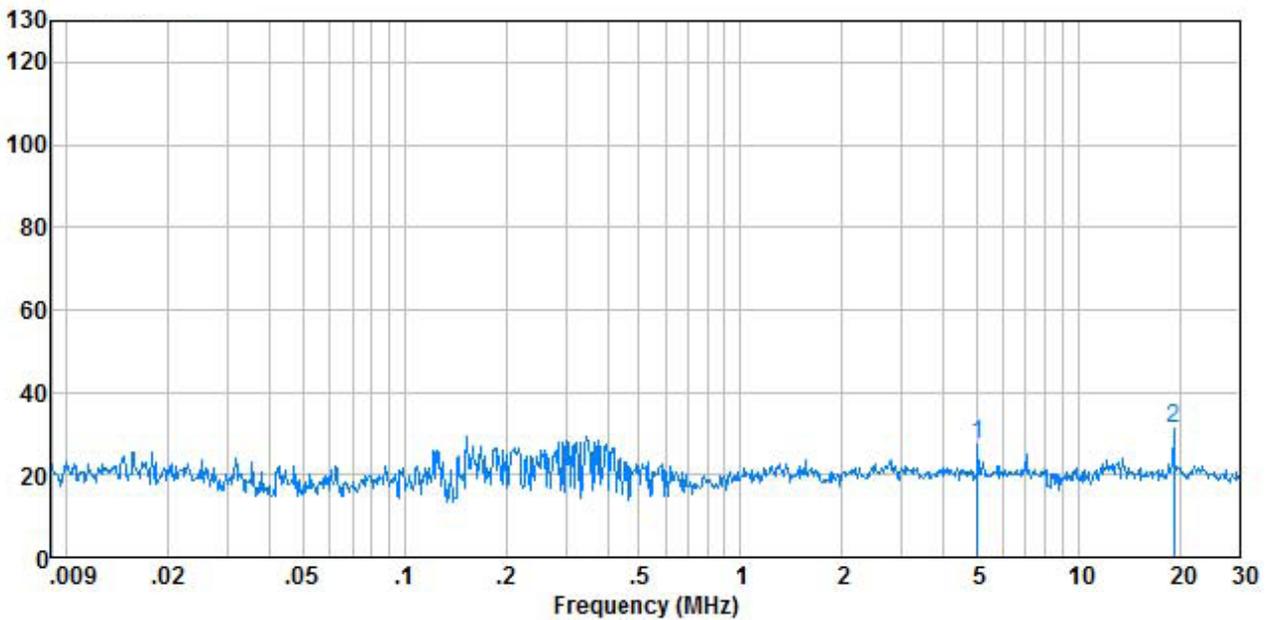
H: Horizontal V: Vertical

Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

802.11n, traffic mode; Channel 1  
 H:



V:

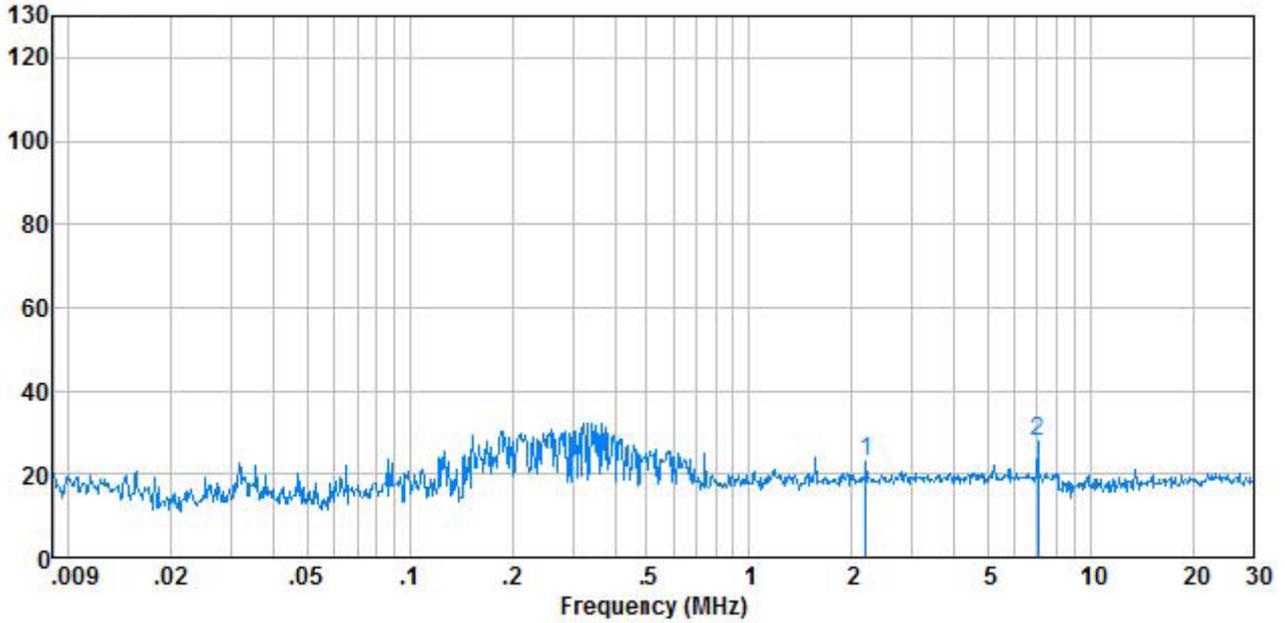


Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
1.78	H	8.58	19.53	28.11	49	-20.89	Peak
5.04	V	8.36	19.09	27.45	49	-21.55	Peak
13.12	H	6.56	19.50	26.06	49	-22.94	Peak
19.20	V	11.42	19.60	31.02	49	-17.98	Peak

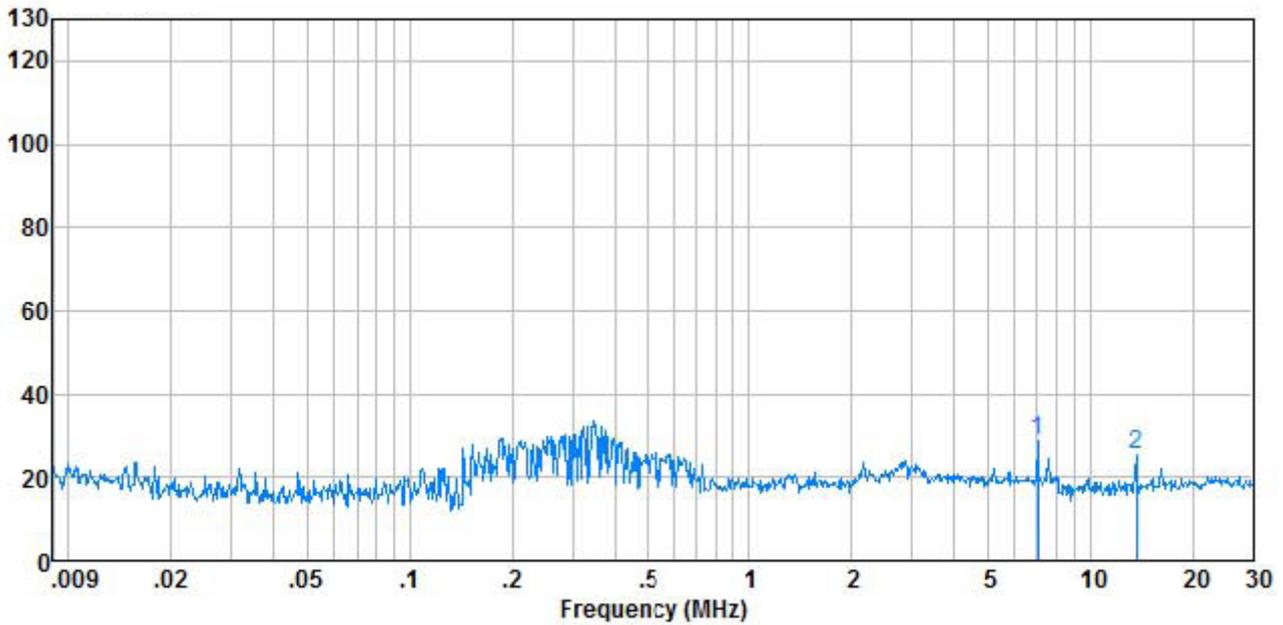
H: Horizontal V: Vertical

Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

802.11n, traffic mode; Channel 7  
 H:



V:

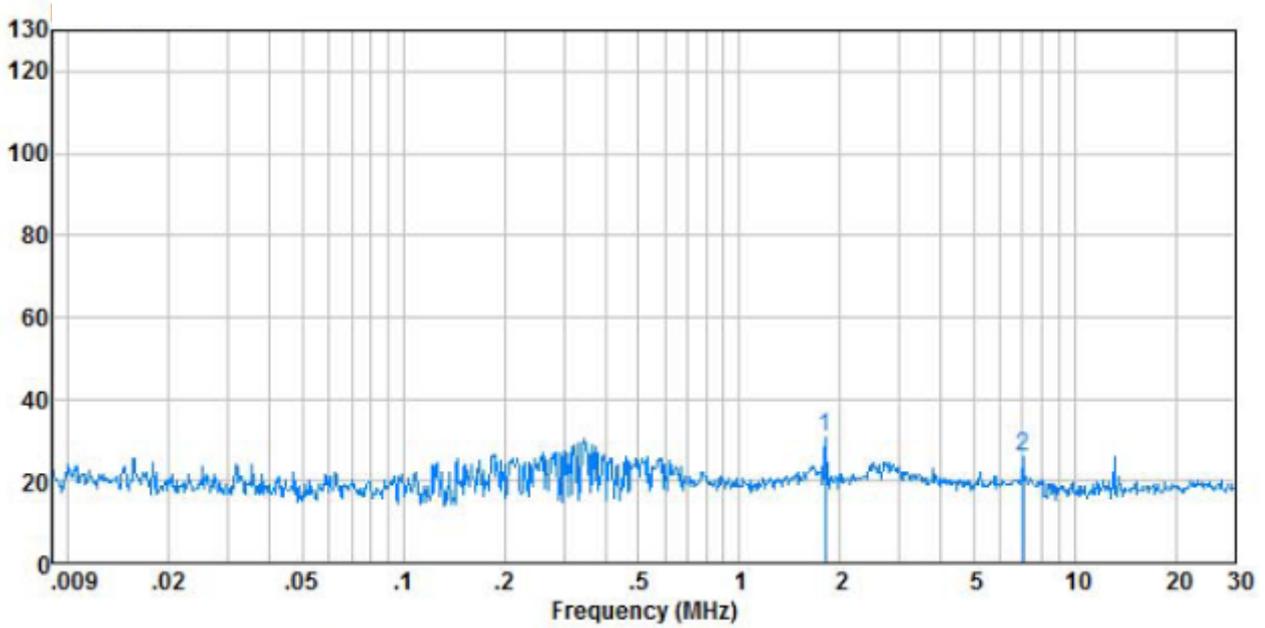


Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
2.20	H	5.50	19.44	24.94	49	-24.06	Peak
7.02	V	9.30	19.18	27.48	49	-21.52	Peak
7.08	H	7.36	19.18	26.54	49	-22.46	Peak
13.66	V	11.17	19.60	30.77	49	-18.23	Peak

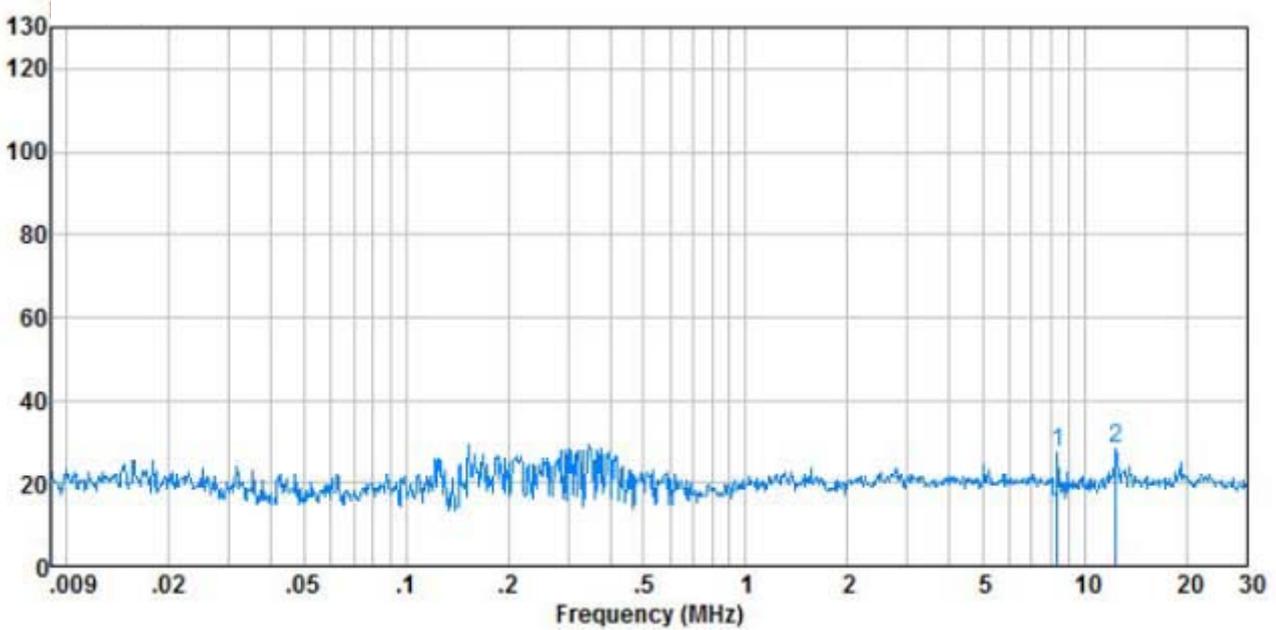
H: Horizontal V: Vertical

Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

802.11n, traffic mode; Channel 11  
 H:



V:

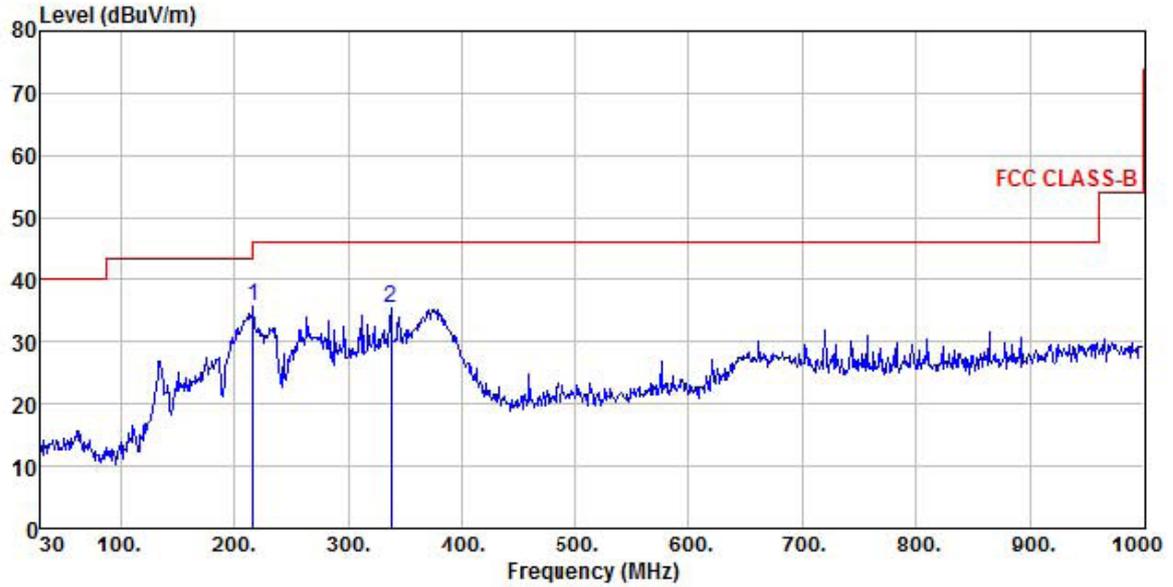


Frequency (MHz)	Polarization (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector
1.81	H	11.67	19.09	30.76	49	-18.24	Peak
8.33	V	8.04	19.18	27.22	49	-21.78	Peak
7.02	H	6.84	19.18	26.02	49	-22.98	Peak
12.39	V	8.59	19.51	28.10	49	-20.90	Peak

H: Horizontal V: Vertical

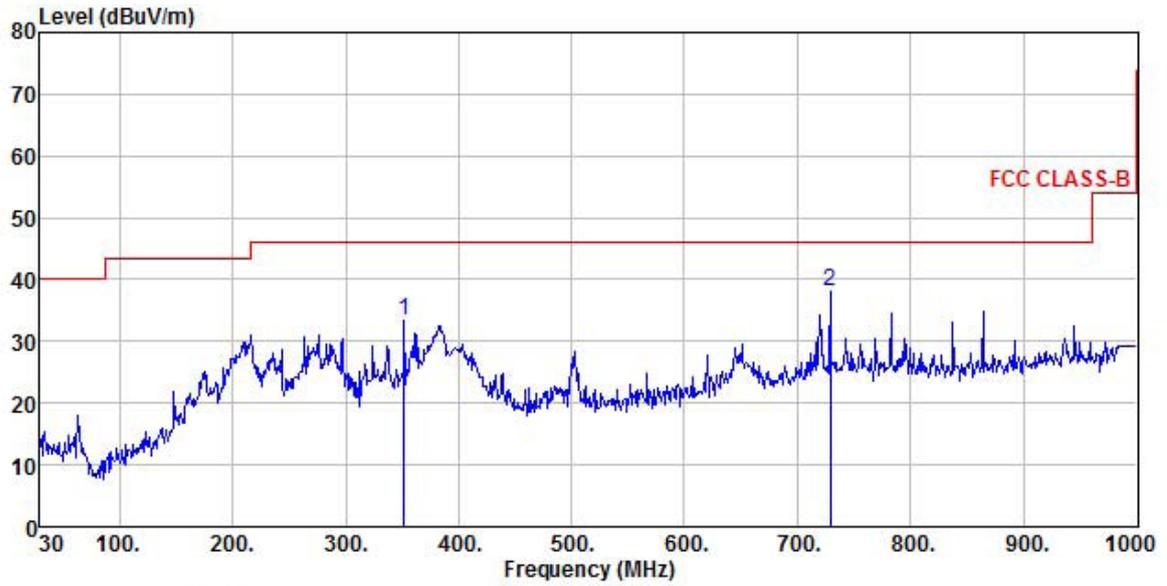
Measure Level(dBuV/m) = Reading (dBuV/m) + Correction Factor (dB/m)

**From 30MHz to 1GHz:**  
 802.11b, traffic mode; Channel 1



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 b ch1  
 Memo :

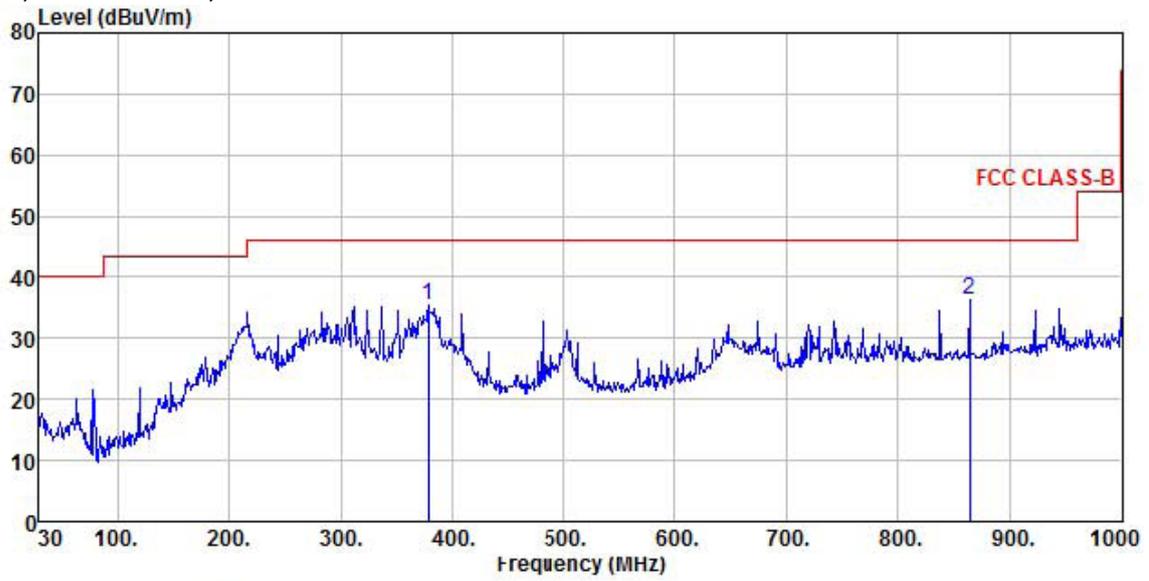
	ReadAntenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 pp	216.24	22.97	10.68	2.05	0.00	35.70	46.00	-10.30 Peak
2	337.49	18.72	14.05	2.51	0.00	35.28	46.00	-10.72 Peak



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 b ch1  
 Memo :

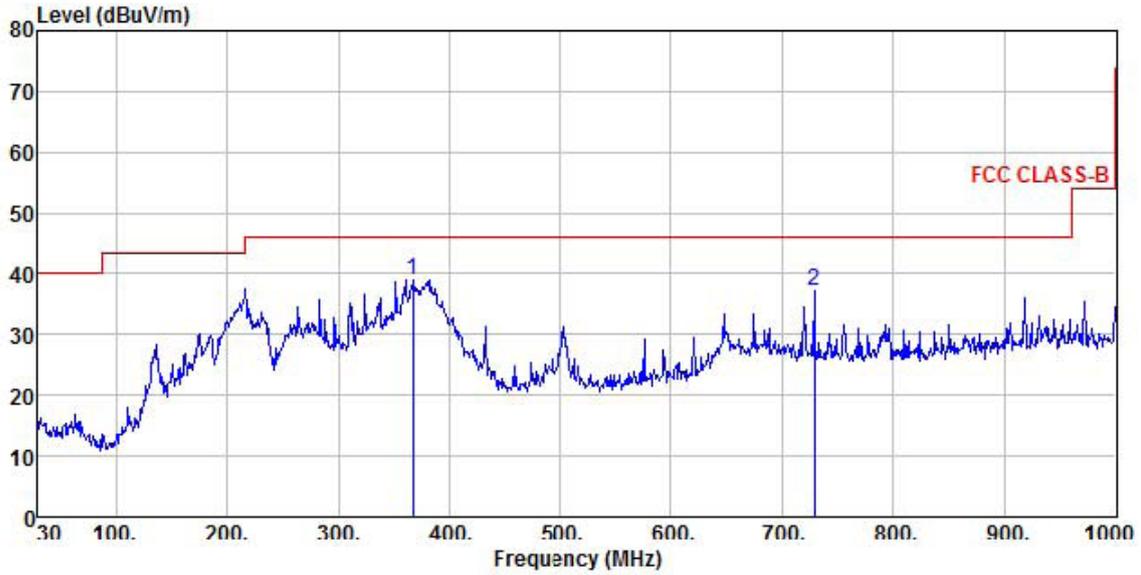
	Freq	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	351.07	16.64	14.25	2.58	0.00	33.47	46.00	-12.53	Peak
2	729.37	13.74	20.77	3.59	0.00	38.10	46.00	-7.90	Peak

802.11b, traffic mode; Channel 7



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 b ch7  
 Memo :

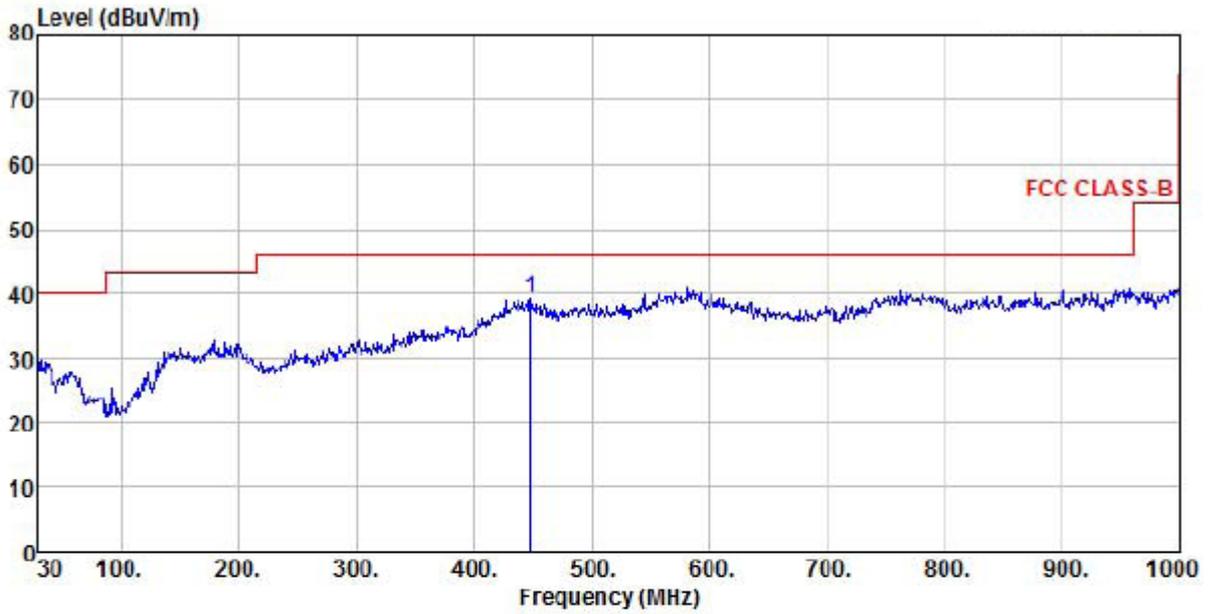
	ReadAntenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	378.23	17.80	14.83	2.75	0.00	35.38	46.00	-10.62 Peak
2 pp	864.20	10.22	22.05	4.00	0.00	36.27	46.00	-9.73 Peak



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 b ch7  
 Memo :

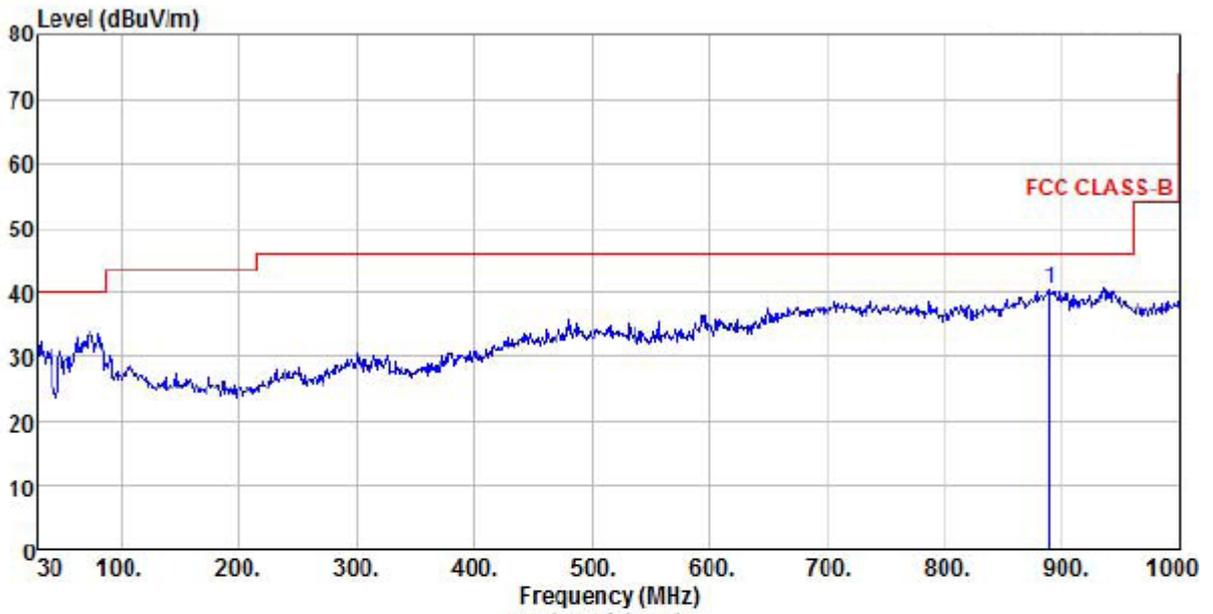
	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp	366.59	21.84	14.54	2.69	0.00	39.07	46.00 -6.93 Peak
2	729.37	12.86	20.77	3.59	0.00	37.22	46.00 -8.78 Peak

802.11b, traffic mode; Channel 11



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 b ch11  
 Memo :

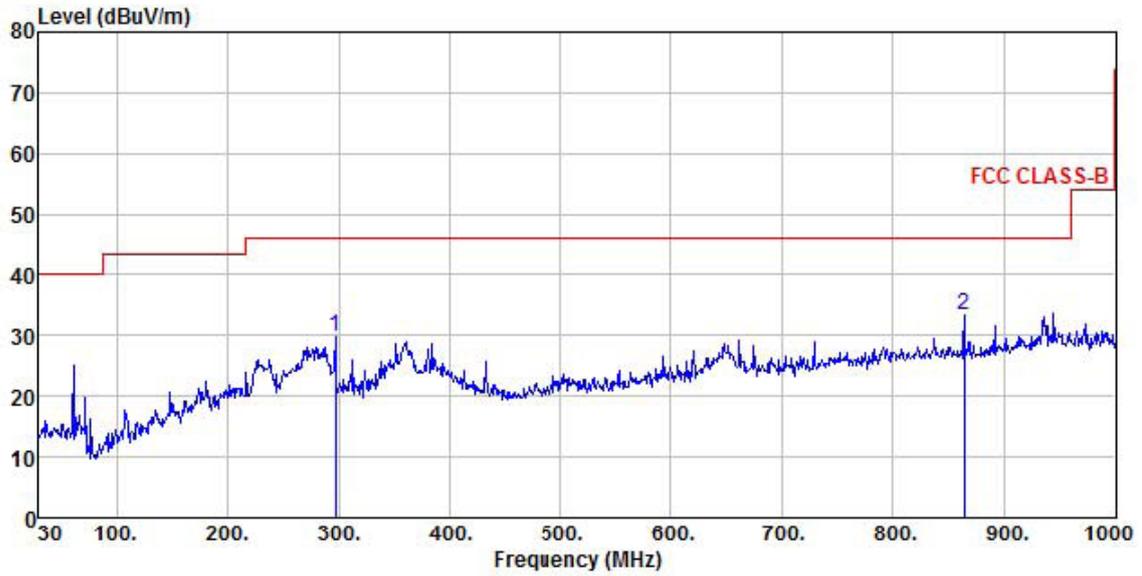
	ReadAntenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 449.04	3.15	33.37	2.88	0.00	39.40	46.00	-6.60 Peak



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 b ch11  
 Memo :

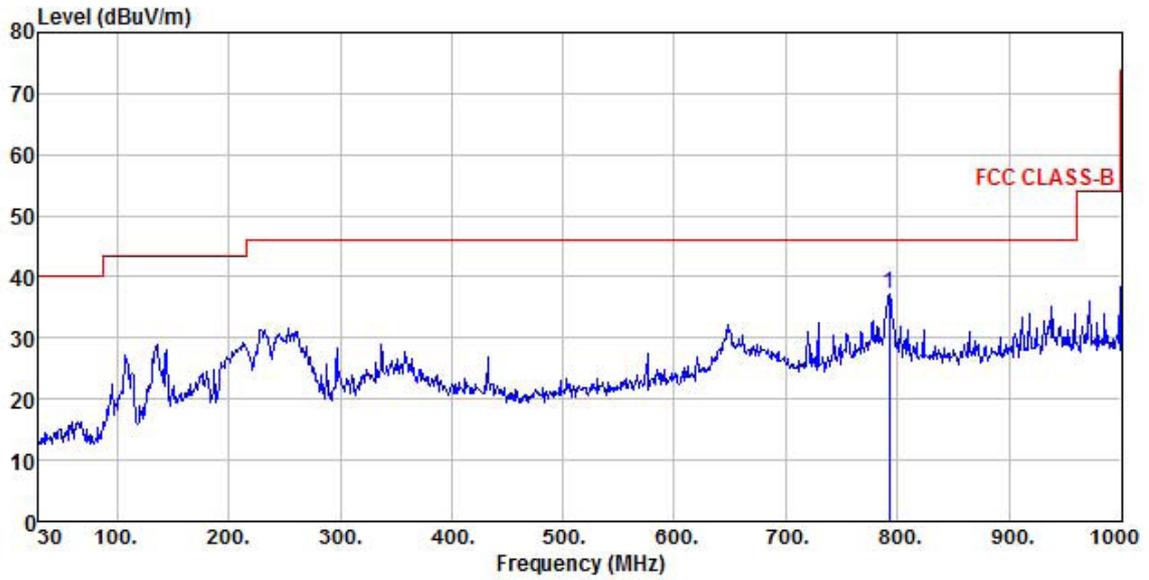
	ReadAntenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 pp 889.42	0.93	35.64	4.01	0.00	40.58	46.00	-5.42	Peak

802.11g, traffic mode; Channel 1



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 g ch1  
 Memo :

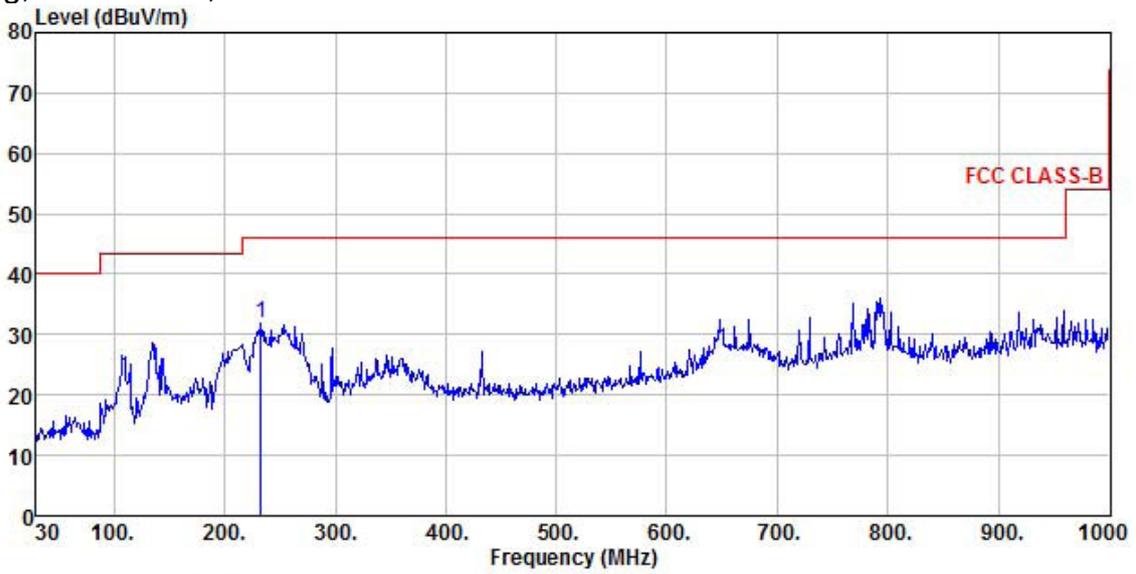
	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	296.75	14.18	13.15	2.45	0.00	29.78	46.00	-16.22 Peak	
2 pp	864.20	7.18	22.05	4.00	0.00	33.23	46.00	-12.77 Peak	



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 g ch1  
 Memo :

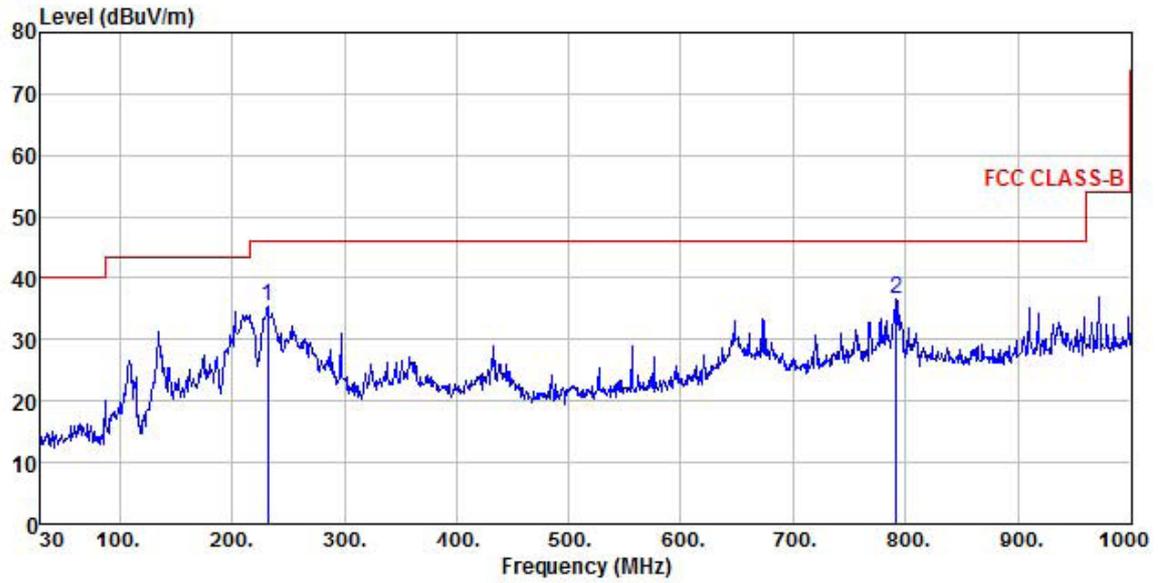
	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 792.42	11.80	21.67	3.83	0.00	37.30	46.00	-8.70 Peak

802.11g, traffic mode; Channel 7



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 g ch7  
 Memo :

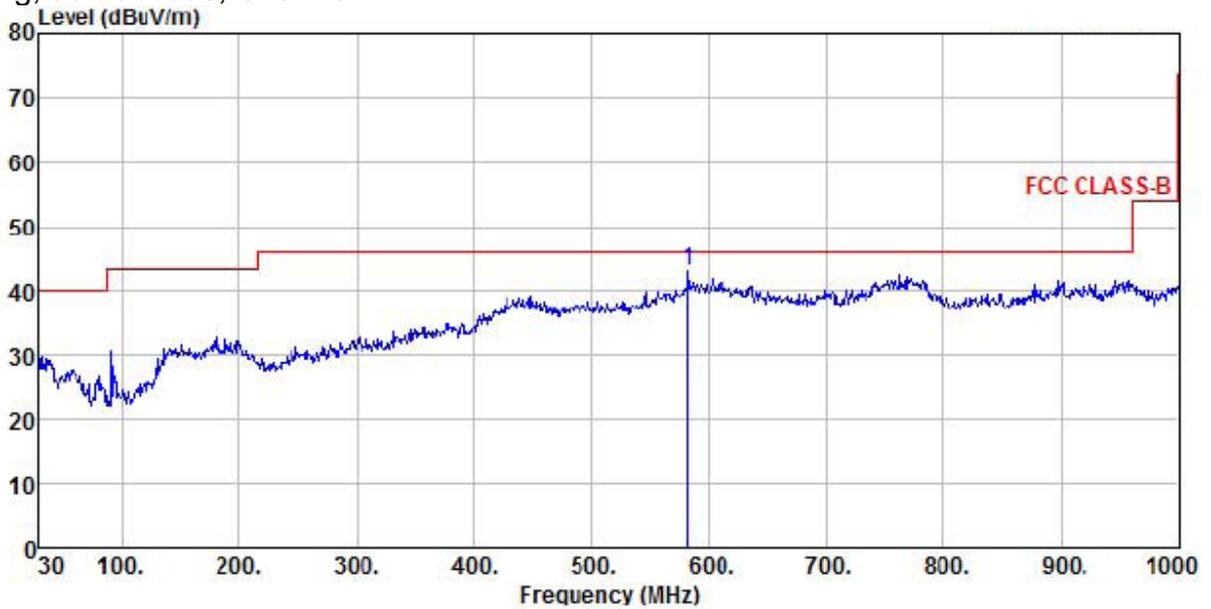
	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 232.73	18.51	11.33	2.07	0.00	31.91	46.00	-14.09 Peak



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 g ch7  
 Memo :

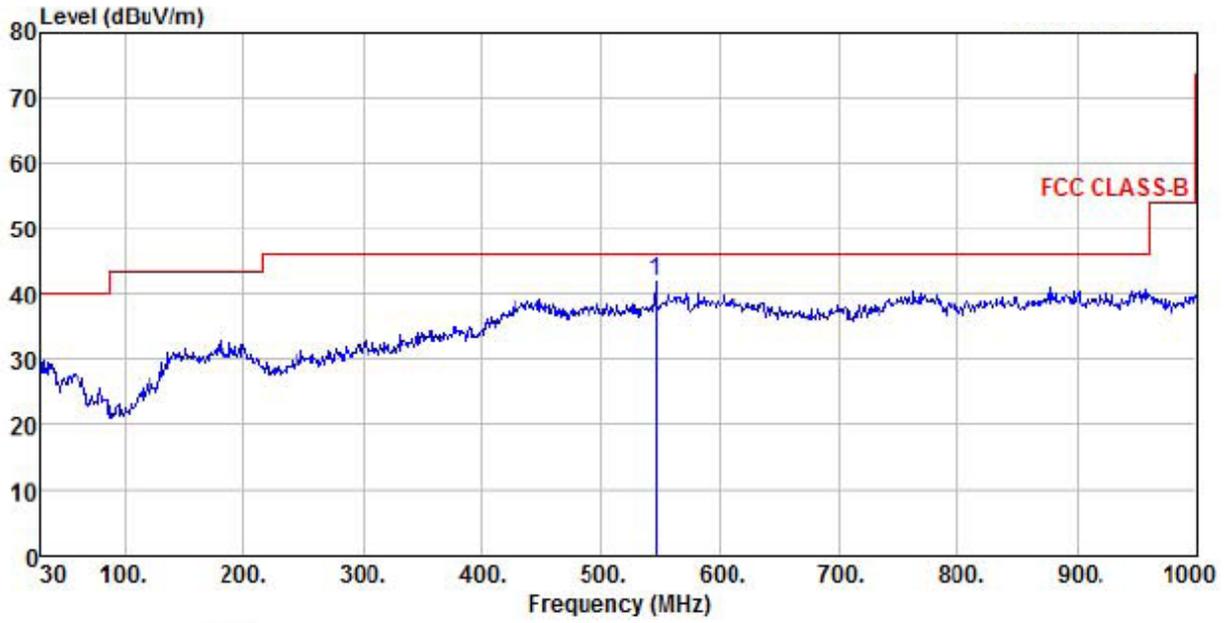
	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	231.76	21.97	11.33	2.06	0.00	35.36	46.00	-10.64	Peak
2 pp	791.45	11.14	21.64	3.84	0.00	36.62	46.00	-9.38	Peak

802.11g, traffic mode; Channel 11



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 g ch11  
 Memo :

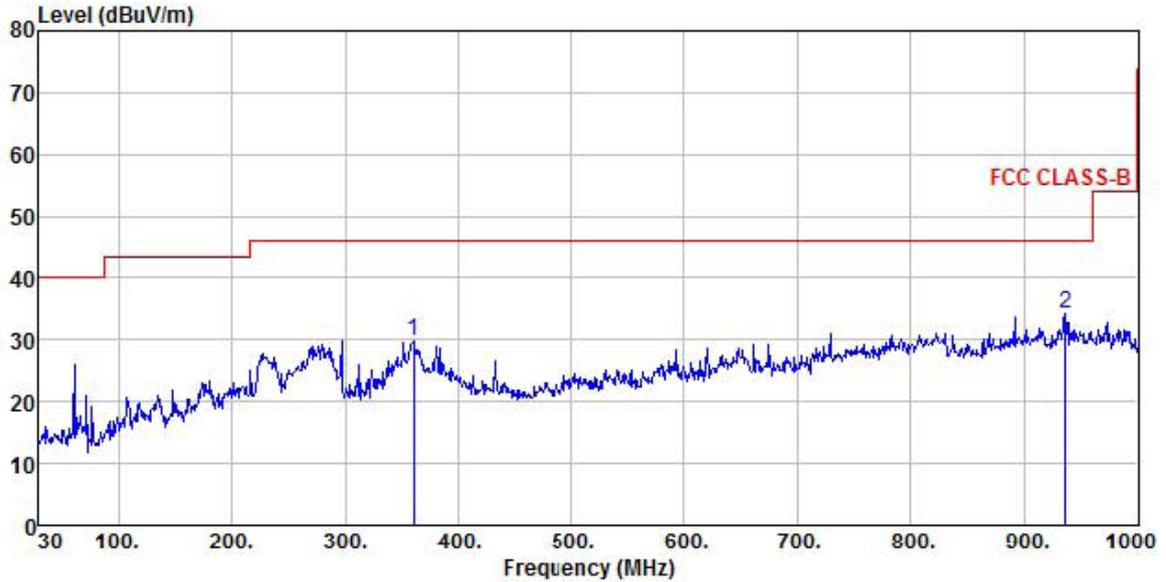
	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp	581.93	4.74	35.05	3.26	0.00	43.05	46.00 -2.95 Peak



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 g ch11  
 Memo :

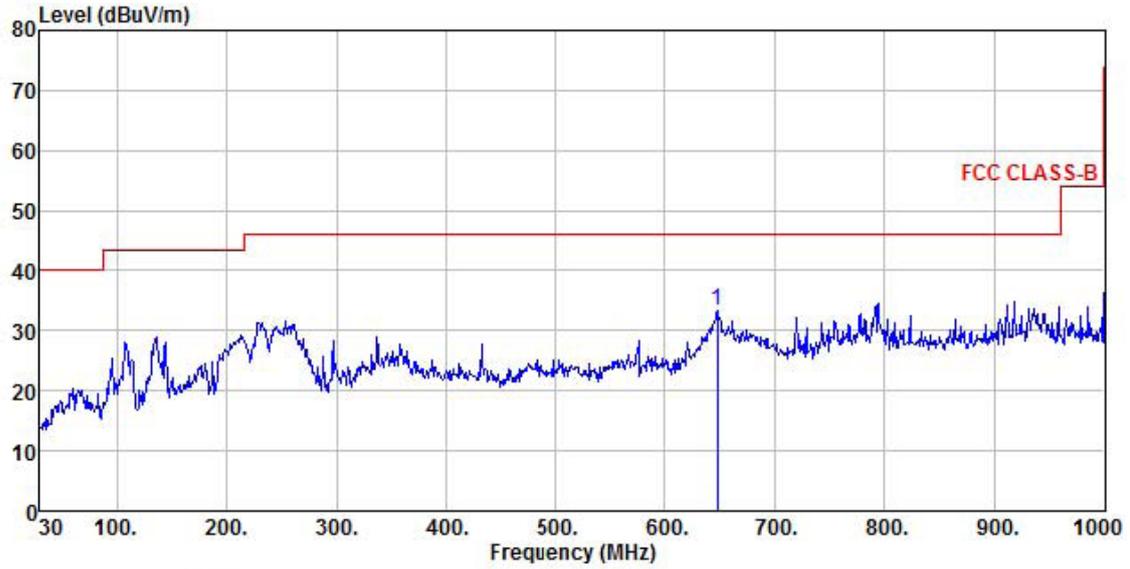
	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 545.07	5.79	32.96	3.14	0.00	41.89	46.00	-4.11 Peak

802.11n, traffic mode; Channel 1



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 VERTICAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 n ch1  
 Memo :

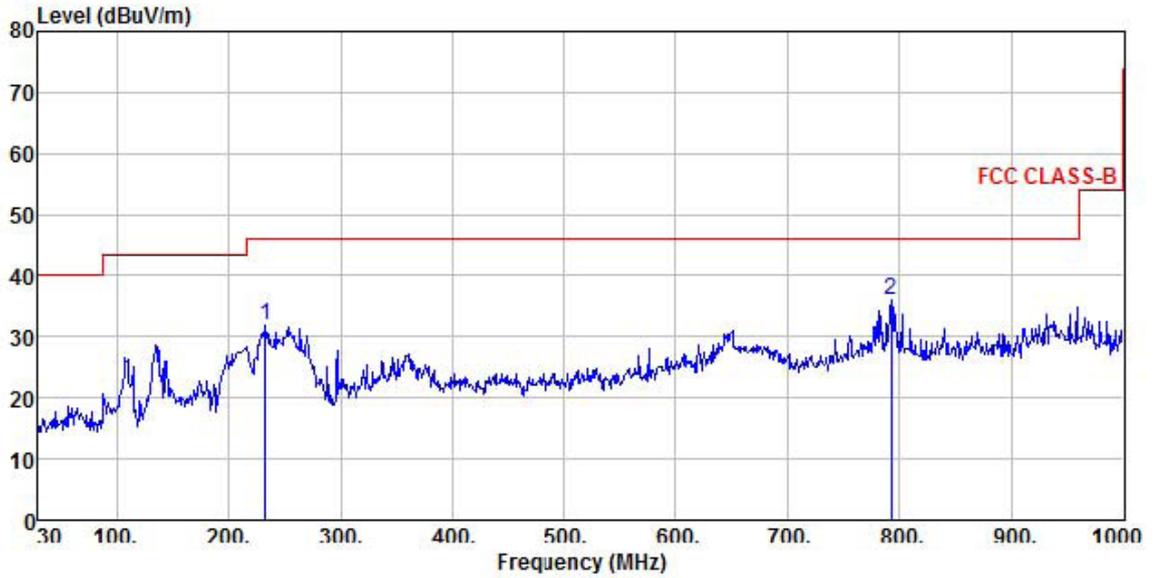
	ReadAntenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	359.80	12.75	14.39	2.65	0.00	29.79	46.00	-16.21 Peak
2 pp	935.98	6.86	23.15	4.12	0.00	34.13	46.00	-11.87 Peak



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11n ch1  
 Memo :

	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 647.89	10.22	19.56	3.53	0.00	33.31	46.00	-12.69 Peak

802.11n, traffic mode; Channel 7



Site : chamber  
 Condition : FCC CLASS-B 3m VULB9160 HORIZONTAL  
 EUT : SD Card Mobile DVR  
 Model Name : RCM-MDR301WDG  
 Temp/Humi : 21°C/54%  
 Power Rating: DC 12V  
 Mode : 802.11 n ch7  
 Memo :

	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	232.73	18.51	11.33	2.07	0.00	31.91	46.00	-14.09 Peak	
2 pp	792.42	10.49	21.67	3.83	0.00	35.99	46.00	-10.01 Peak	