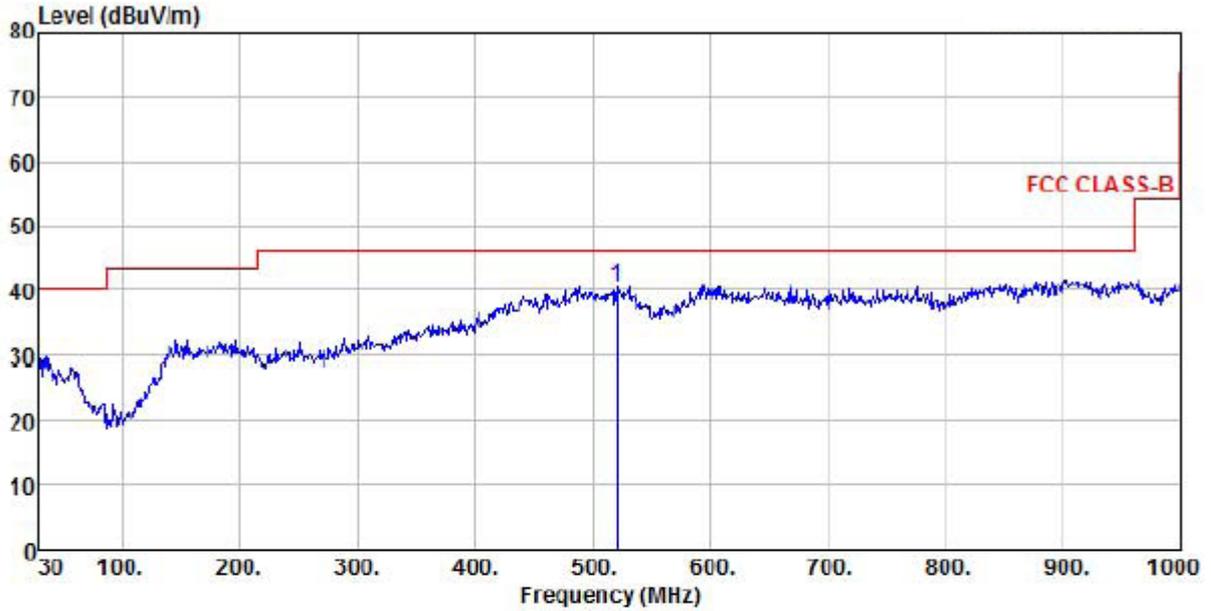


Site : chamber
 Condition : FCC CLASS-B 3m VULB9160 VERTICAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 21°C/54%
 Power Rating: DC 12V
 Mode : 802.11 n ch7
 Memo :

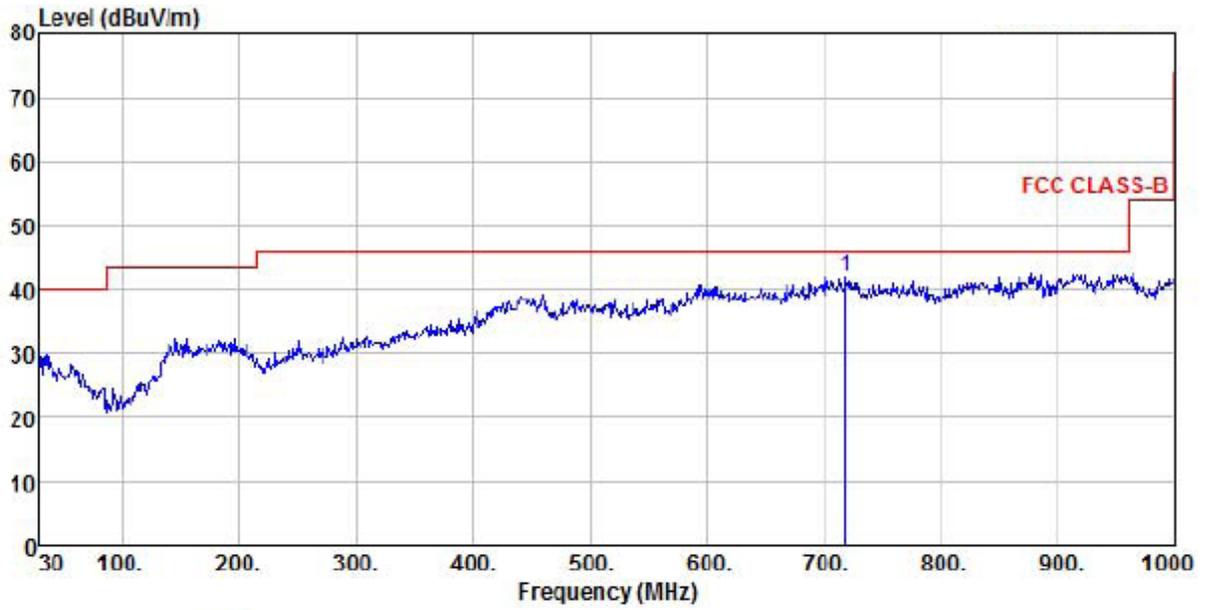
	ReadAntenna	Cable	Preamp	Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 pp 647.89	10.97	19.56	3.53	0.00	34.06	46.00	-11.94	Peak

802.11n 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 n ch11
 Memo :

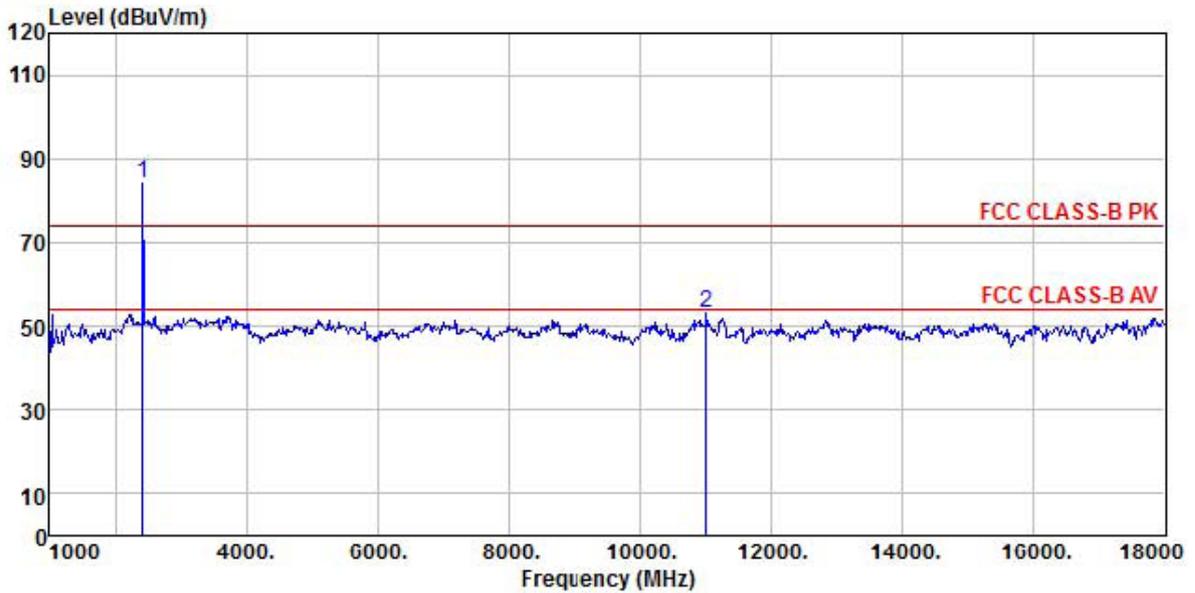
	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 520.82	4.95	32.42	3.11	0.00	40.48	46.00	-5.52 Peak



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 n 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 718.70	-0.15	38.51	3.69	0.00	42.05	46.00	-3.95 Peak

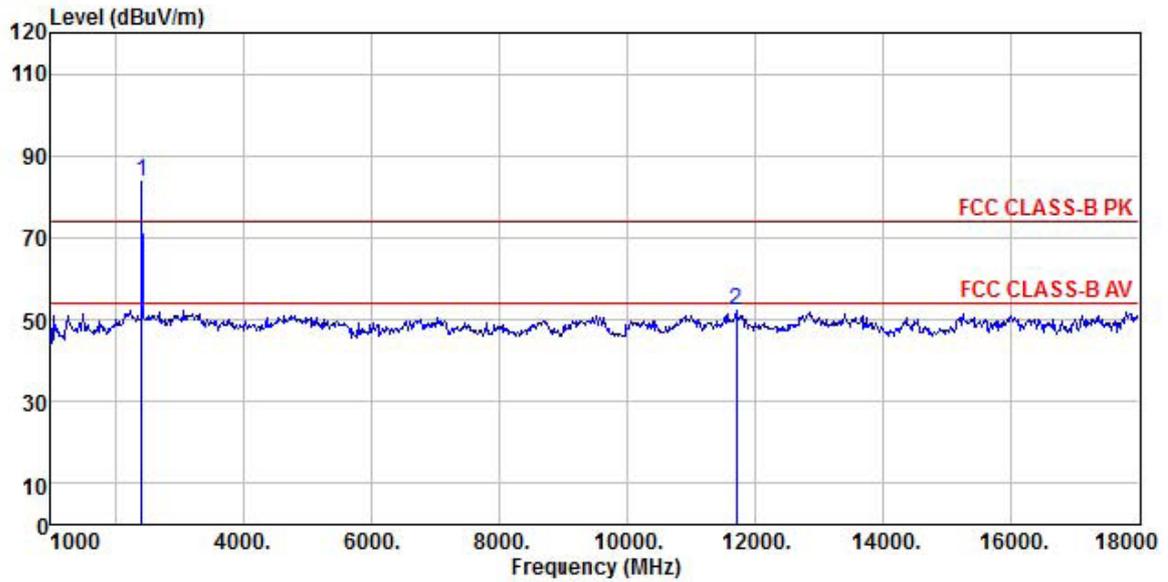
From 1GHz to 18GHz:
 802.11b, traffic mode; Channel 1



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 : wifi ch1 11b
 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 2411.00	87.59	27.54	7.21	38.34	84.00	74.00	10.00	Peak
2 11013.00	35.94	40.25	15.84	38.91	53.12	74.00	-20.88	Peak

Note: The point mark1 is carrier.

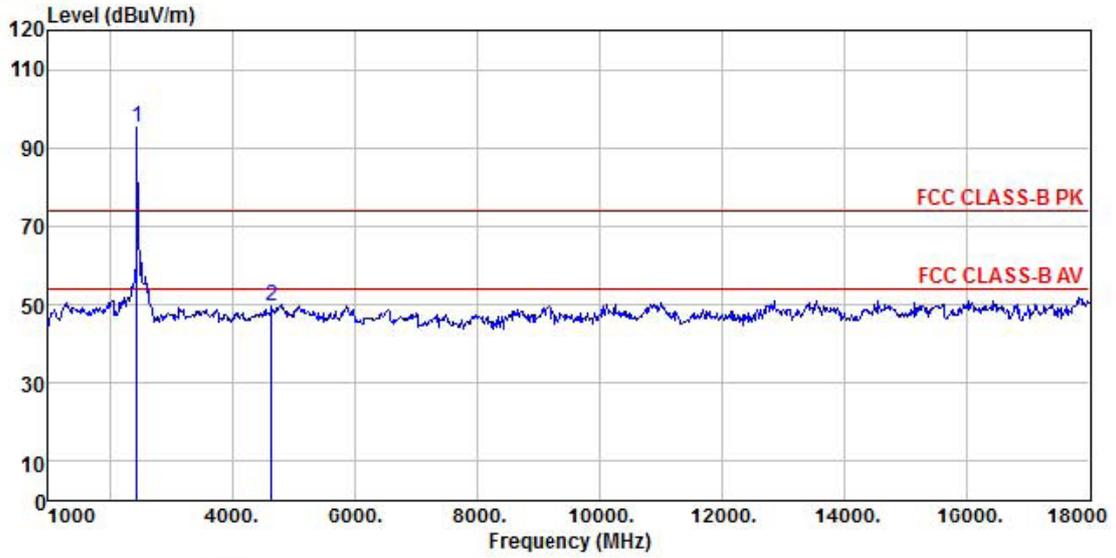


Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) VERTICAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 21°C/54%
 Power Rating: DC 12V
 Mode : wifi ch1 11b
 Memo :

	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 2411.00	87.33	27.54	7.21	38.34	83.74	74.00	9.74	Peak
2 11710.00	35.46	39.68	16.25	39.25	52.13	74.00	-21.87	Peak

Note: The point mark1 is carrier.

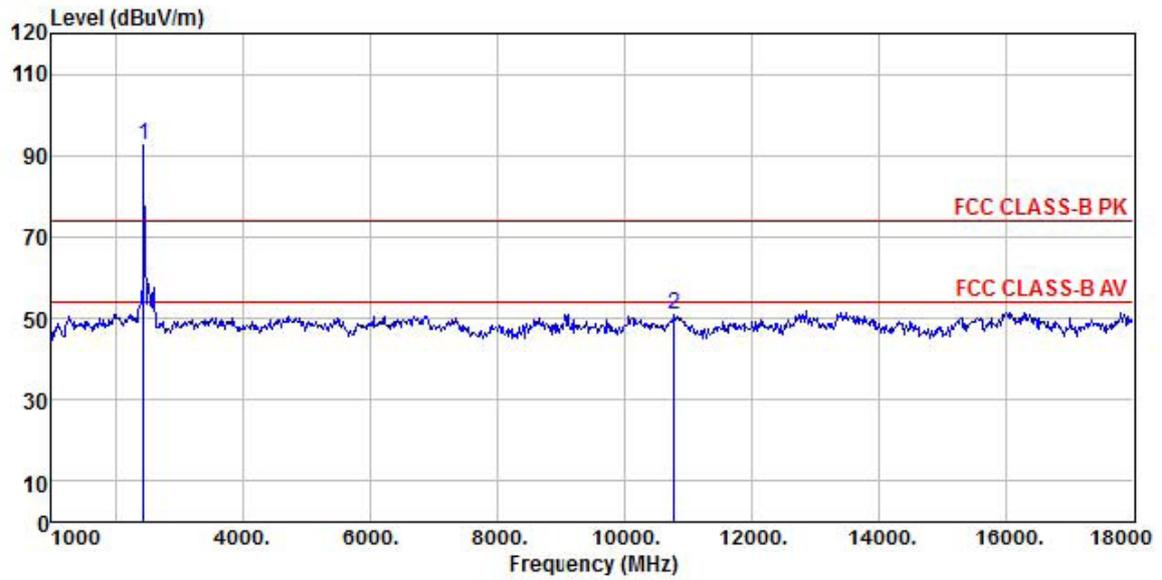
802.11b, traffic mode; Channel 7



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 : wifi ch7 11b
 Memo :

	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Loss	Factor	Line	Limit	Remark			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 pp 2445.00	98.55	27.46	7.37	38.32	95.06	74.00	21.06	Peak	
2 4638.00	45.89	31.13	9.98	37.24	49.76	74.00	-24.24	Peak	

Note: The point mark1 is carrier.

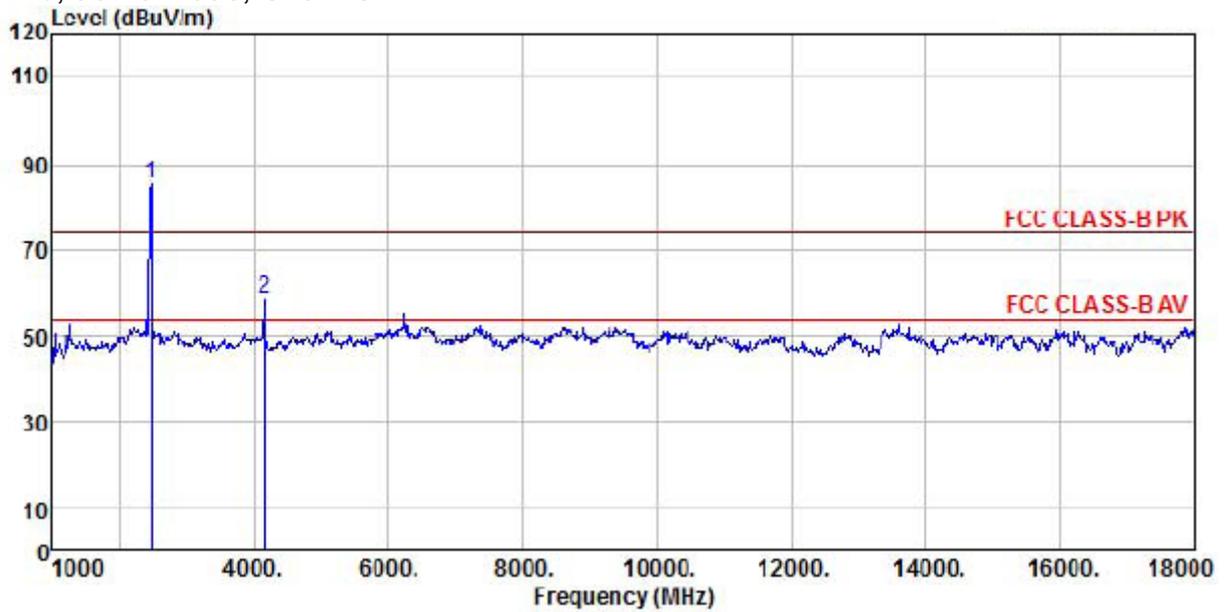


Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) HORIZONTAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 21°C/54%
 Power Rating: DC 12V
 Mode : wifi ch7 11b
 Memo :

	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 2445.00	95.82	27.46	7.37	38.32	92.33	74.00	18.33 Peak
2 10792.00	34.52	39.98	15.46	39.00	50.96	74.00	-23.04 Peak

Note: The point mark1 is carrier.

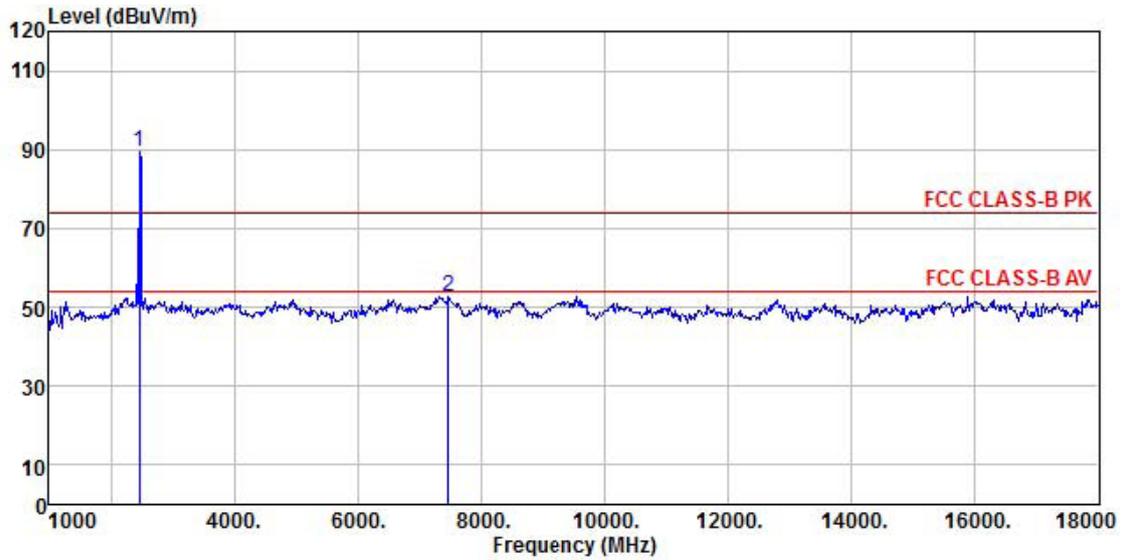
802.11b, traffic mode; Channel 11



Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-V) VERTICAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 23 °C / 55%
 Power Rating: DC 12V
 Mode : wifi ch11 11b
 Memo :

	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1 pp	2462.00	77.83	38.38	7.41	38.31	85.31	74.00	11.31	Peak
2	4162.00	44.92	41.41	9.54	37.43	58.44	74.00	-15.56	Peak

Note: The point mark1 is carrier.

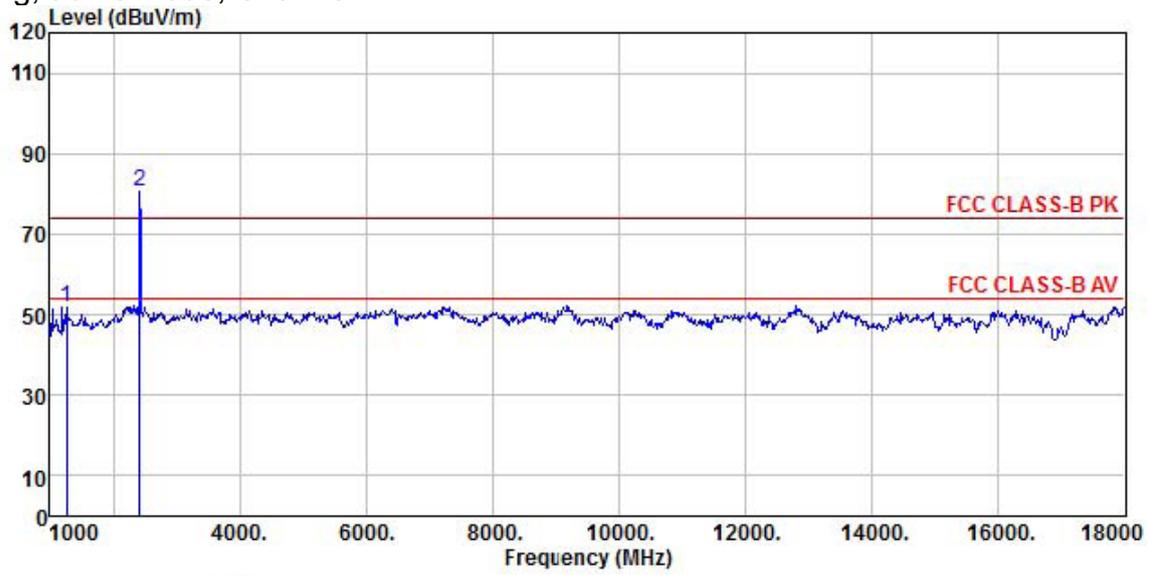


Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) HORIZONTAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 21°C/54%
 Power Rating: DC 12V
 Mode : wifi ch11 11b
 Memo :

	Read Freq	Antenna Level	Cable Factor	Preamp Loss	Preamp Factor	Limit Level	Over Line	Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	pp 2462.00	92.93	27.49	7.39	38.32	89.49	74.00	15.49	Peak	
2	7460.00	41.22	36.63	12.86	37.90	52.81	74.00	-21.19	Peak	

Note: The point mark1 is carrier.

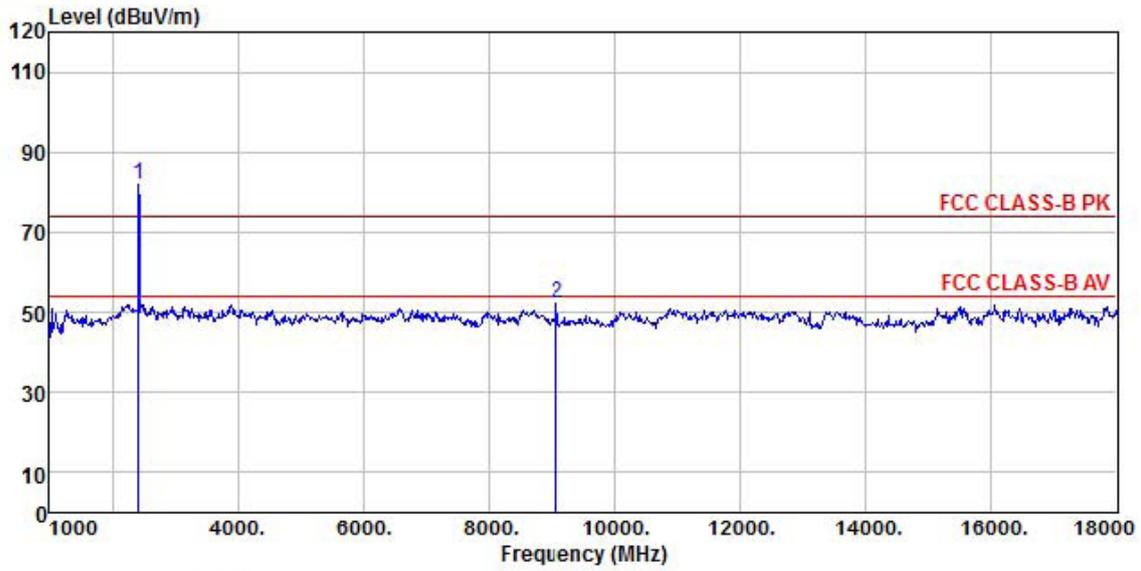
802.11g, traffic mode; Channel 1



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 : wifi ch1 11g
 Memo :

	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1	1255.00	59.54	25.50	5.09	38.43	51.70	74.00	-22.30	Peak
2 pp	2411.00	84.39	27.54	7.21	38.34	80.80	74.00	6.80	Peak

Note: The point mark2 is carrier.

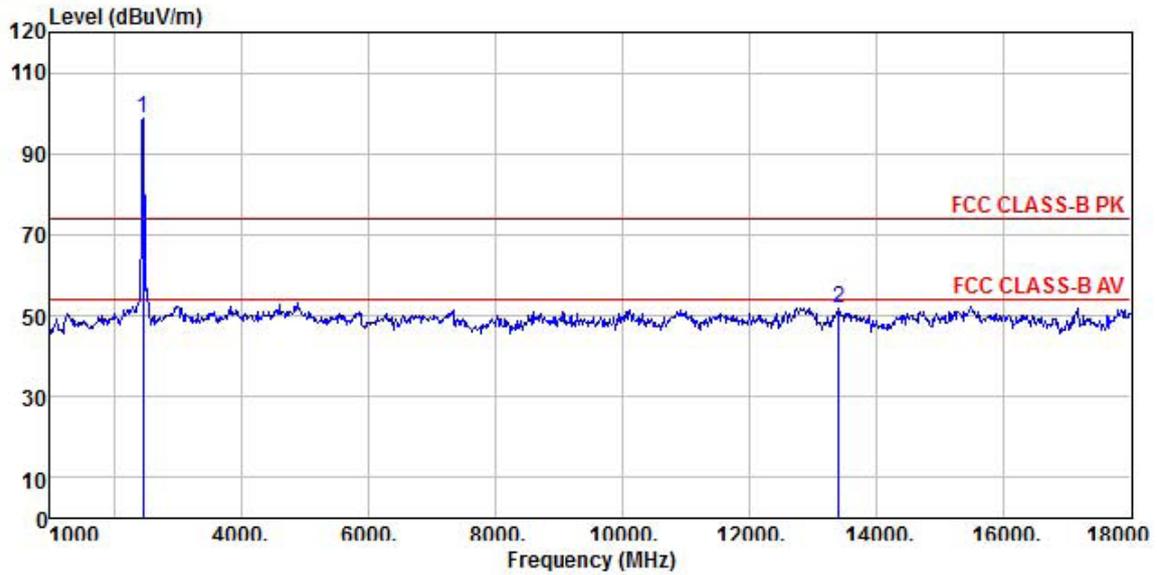


Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) HORIZONTAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 21°C/54%
 Power Rating: DC 12V
 Mode : wifi ch1 11g
 Memo :

	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	2411.00	85.59	27.54	7.21	38.34	82.00	74.00	8.00 Peak
2	9075.00	41.87	37.10	14.15	41.08	52.04	74.00	-21.96 Peak

Note: The point mark1 is carrier.

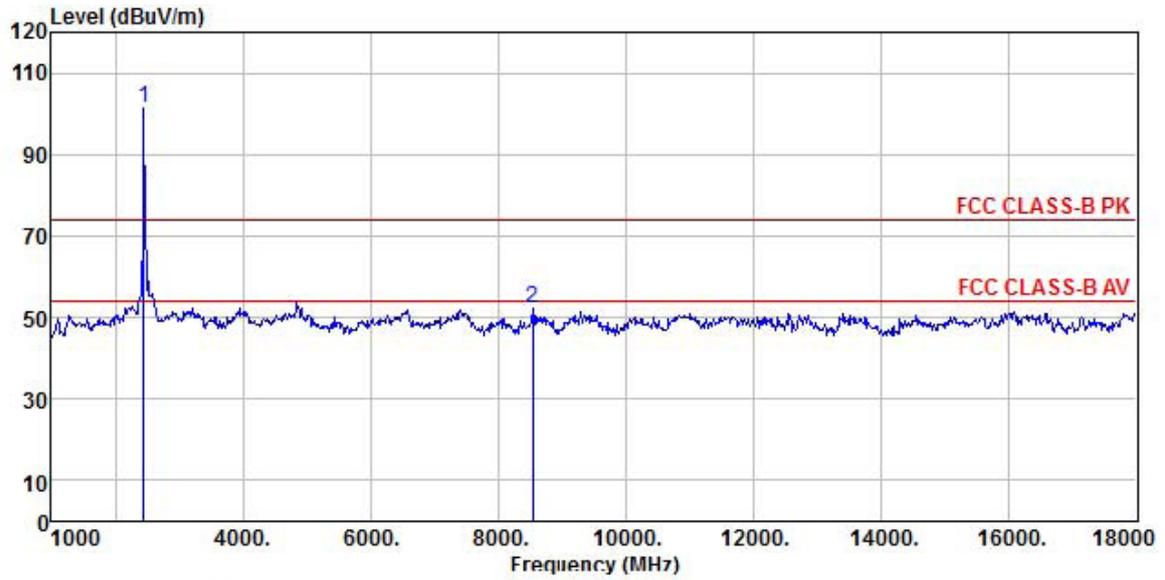
802.11g, traffic mode; Channel 7



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 : wifi ch7 11g
 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	2462.00	102.33	27.49	7.39	38.32	98.89	74.00	24.89 Peak
2	13410.00	32.33	40.59	17.61	38.52	52.01	74.00	-21.99 Peak

Note: The point mark1 is carrier.

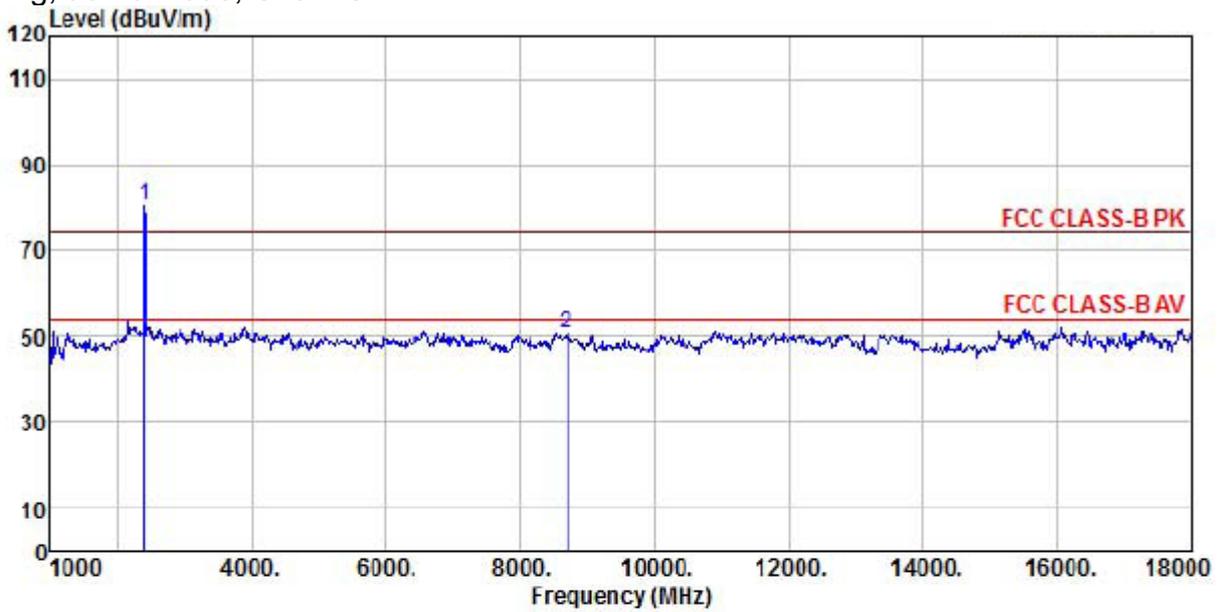


Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) VERTICAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 21°C/54%
 Power Rating: DC 12V
 Mode : wifi ch7 11g
 Memo :

	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 2445.00	105.11	27.46	7.37	38.32	101.62	74.00	27.62	Peak
2 8531.00	42.65	36.72	13.29	40.54	52.12	74.00	-21.88	Peak

Note: The point mark1 is carrier.

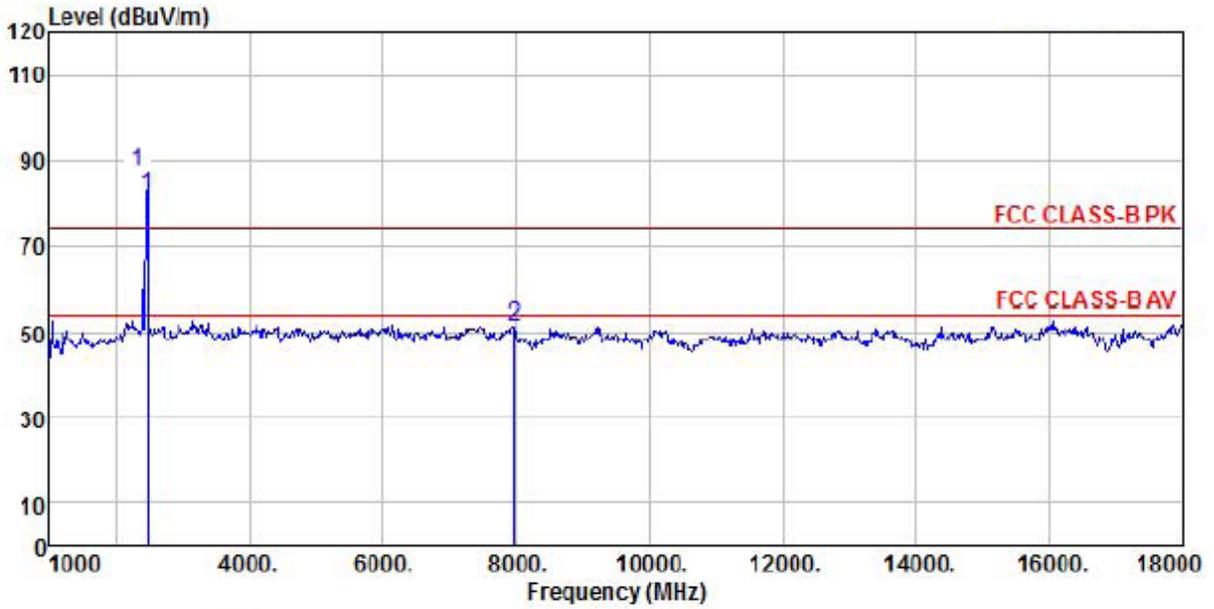
802.11g, traffic mode; Channel 11



Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-H) HORIZONTAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 23 °C / 55%
 Power Rating: DC 12V
 Mode : wifi ch11 11g
 Memo :

	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 pp	2458.00	73.24	37.89	7.21	38.34	80.00	74.00	6.00 Peak
2	8701.00	27.91	49.83	13.40	40.77	50.37	74.00	-23.63 Peak

Note: The point mark1 is carrier.

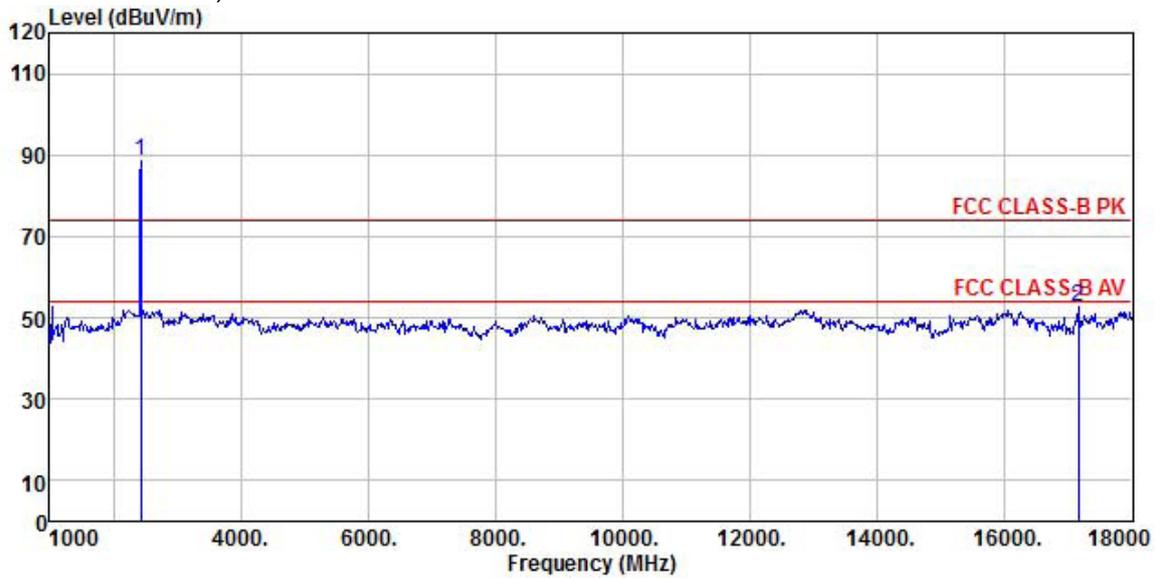


Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-H) VERTICAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 23 °C / 55%
 Power Rating: DC 12V
 Mode : wifi ch11 11g
 Memo :

	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	2458.00	74.59	38.38	7.41	38.31	82.07	74.00	8.07 Peak
2	7970.00	29.78	48.36	13.07	39.68	51.53	74.00	-22.47 Peak

Note: The point mark1 is carrier.

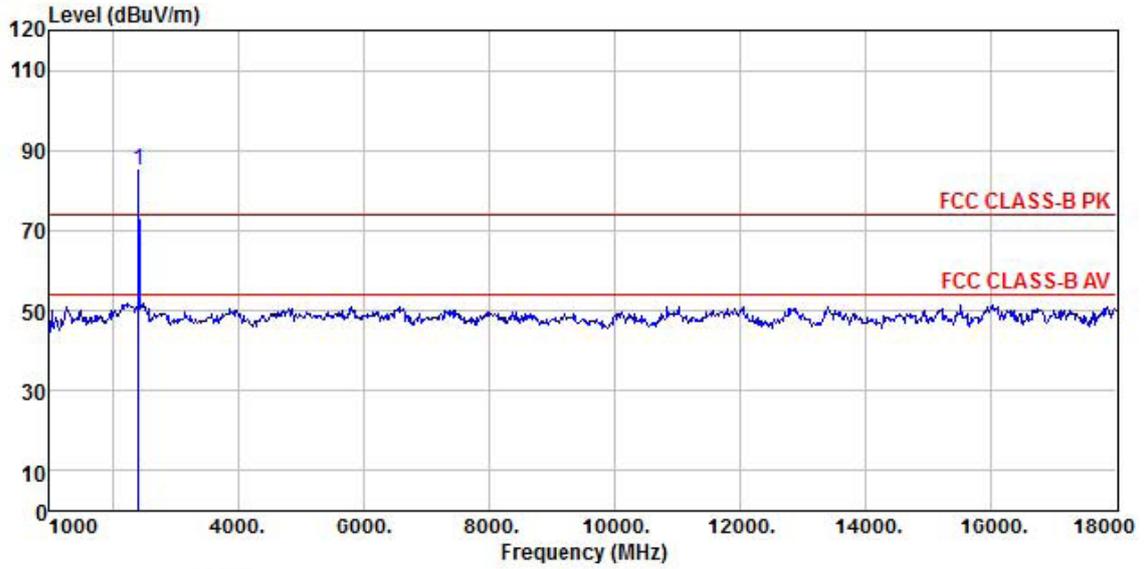
802.11n traffic mode; Channel 1



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 : wifi ch1 11n
 Memo :

	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 2428.00	92.29	27.50	7.29	38.33	88.75	74.00	14.75 Peak
2 17150.00	30.30	41.35	19.24	38.14	52.75	74.00	-21.25 Peak

Note: The point mark1 is carrier.

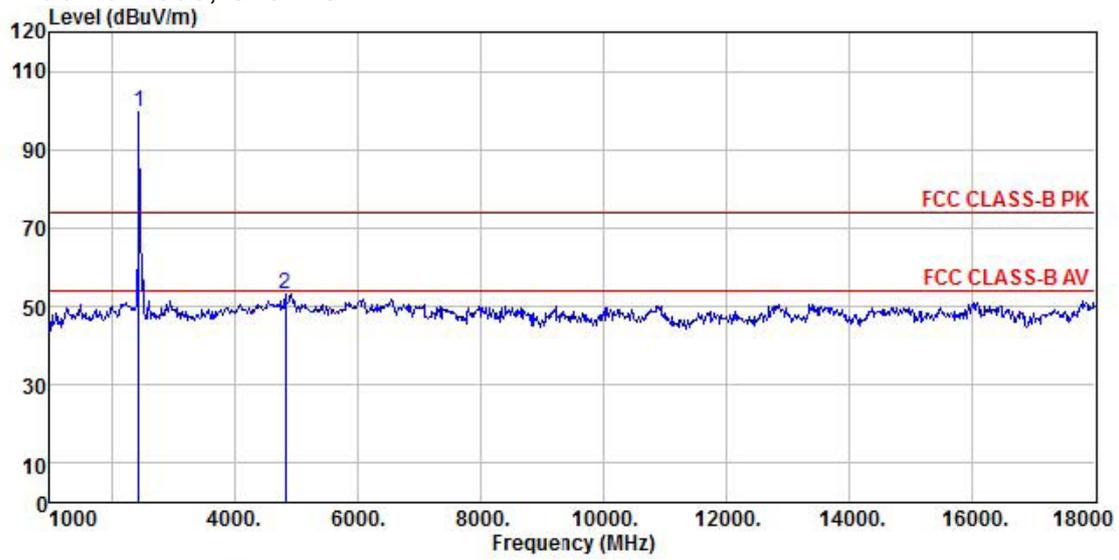


Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) VERTICAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 21°C/54%
 Power Rating: DC 12V
 Mode : wifi ch1 11n
 Memo :

	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 pp 2411.00	88.70	27.54	7.21	38.34	85.11	74.00	11.11	Peak

Note: The point mark1 is carrier.

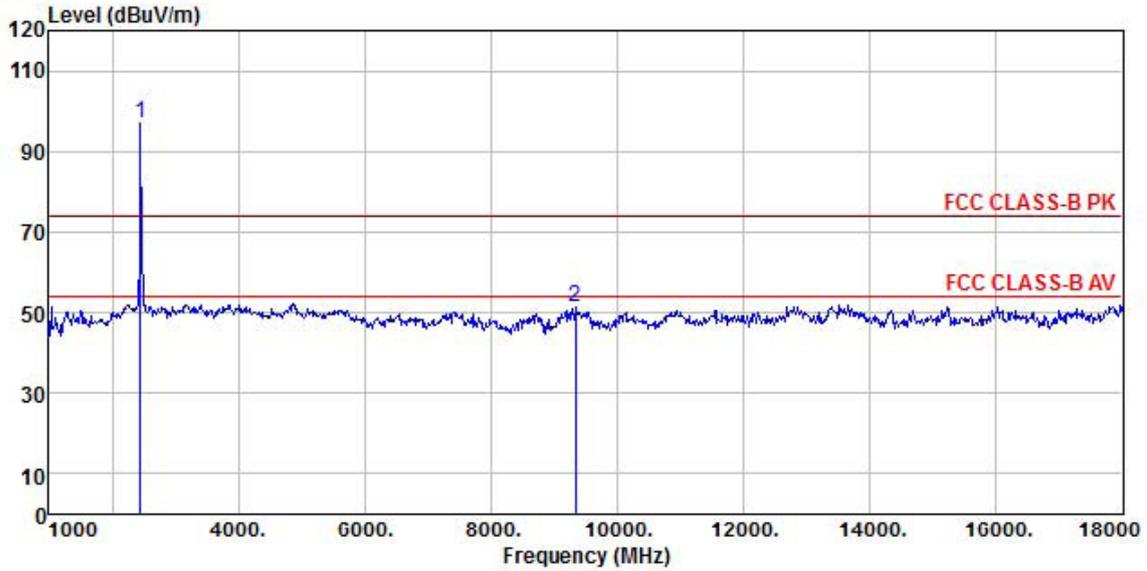
802.11n traffic mode; Channel 7



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 : wifi ch7 11n
 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 2445.00	103.10	27.46	7.37	38.32	99.61	74.00	25.61 Peak
2 4825.00	48.42	31.54	10.39	37.17	53.18	74.00	-20.82 Peak

Note: The point mark1 is carrier.

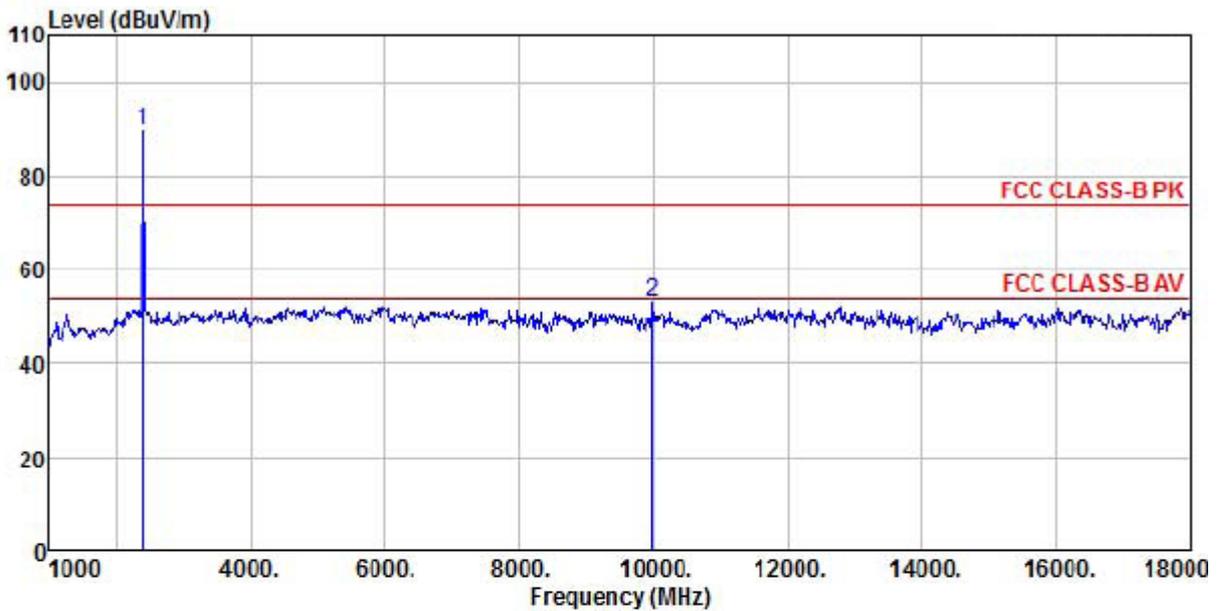


Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(943) HORIZONTAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 21°C/54%
 Power Rating: DC 12V
 Mode : wifi ch7 11n
 Memo :

	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 pp 2445.00	100.41	27.46	7.37	38.32	96.92	74.00	22.92	Peak
2 9347.00	40.07	37.88	14.06	40.58	51.43	74.00	-22.57	Peak

Note: The point mark1 is carrier.

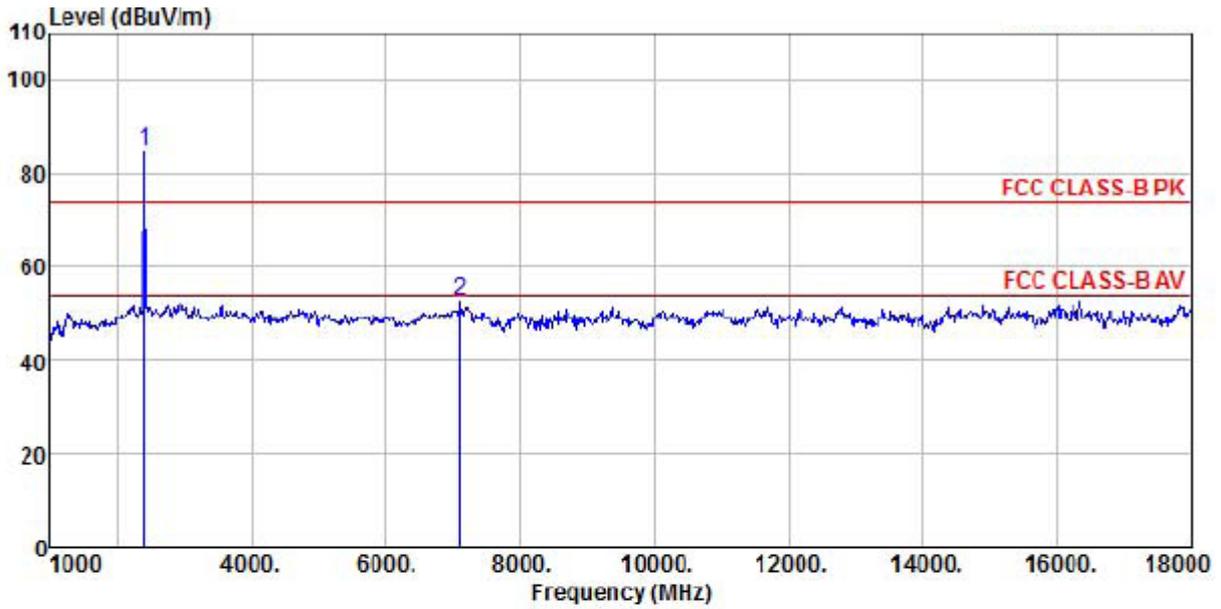
802.11n traffic mode; Channel 11



Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-H) VERTICAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 23 °C / 55%
 Power Rating: DC 12V
 Mode : wifi ch11 11n
 Memo :

	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 2462.00	82.97	37.92	7.13	38.34	89.68	74.00	15.68 Peak
2 9993.00	27.47	50.50	14.70	39.40	53.27	74.00	-20.73 Peak

Note: The point mark1 is carrier.



Site : chamber
 Condition : FCC CLASS-B PK 3m BBHA9120D(RSE-H) HORIZONTAL
 EUT : SD Card Mobile DVR
 Model Name : RCM-MDR301WDG
 Temp/Humi : 23 °C / 55%
 Power Rating: DC 12V
 Mode : wifi ch11 11n
 Memo :

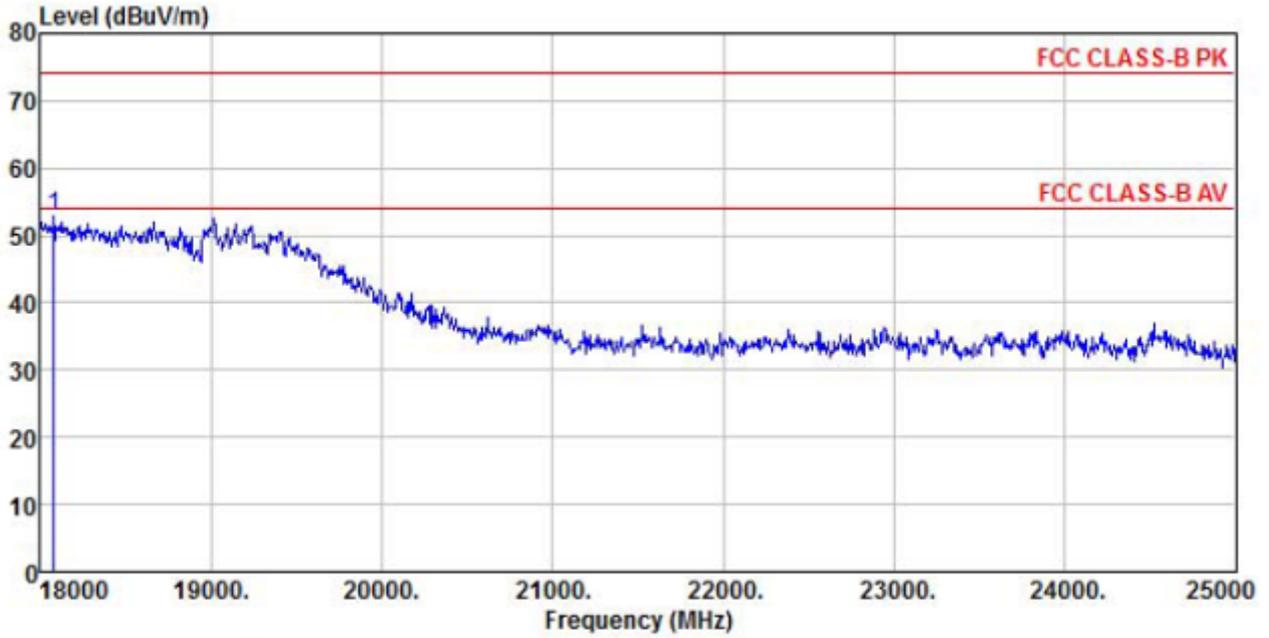
	ReadAntenna	Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp 2462.00	78.21	37.89	7.21	38.34	84.97	74.00	10.97 Peak
2 7120.00	32.41	44.84	12.41	36.72	52.94	74.00	-21.06 Peak

Note: The point mark1 is carrier.

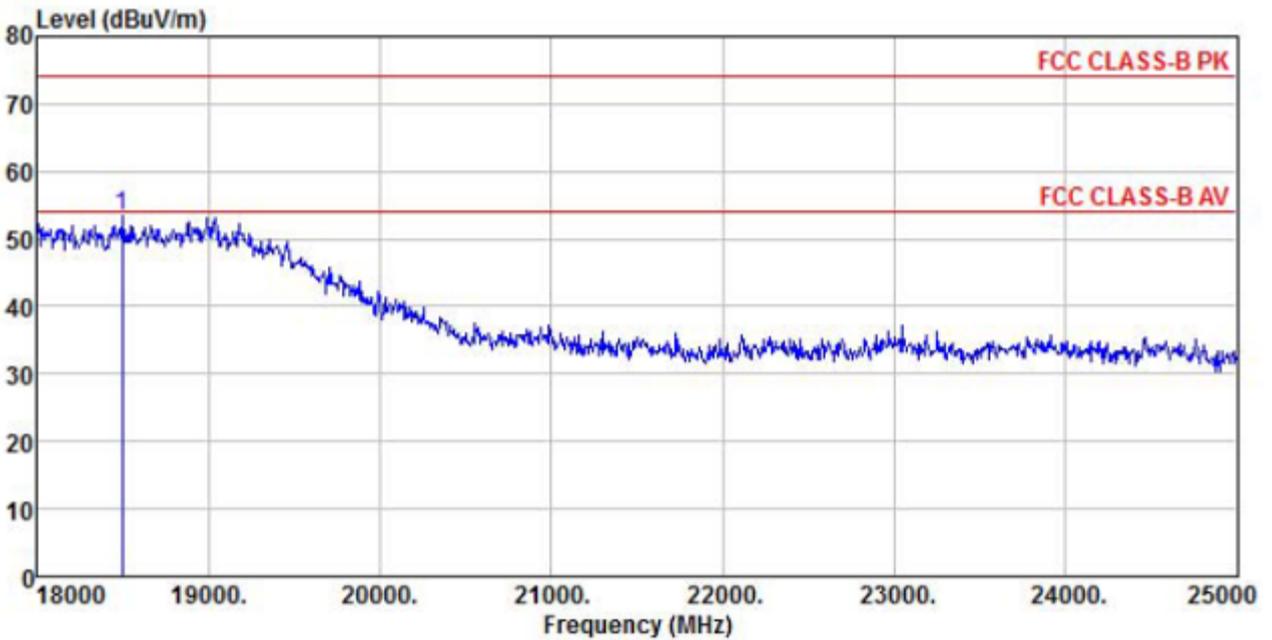
From 18GHz to 25GHz:

802.11b, traffic mode; Channel 1

Polarization: Horizontal, Detector: Peak

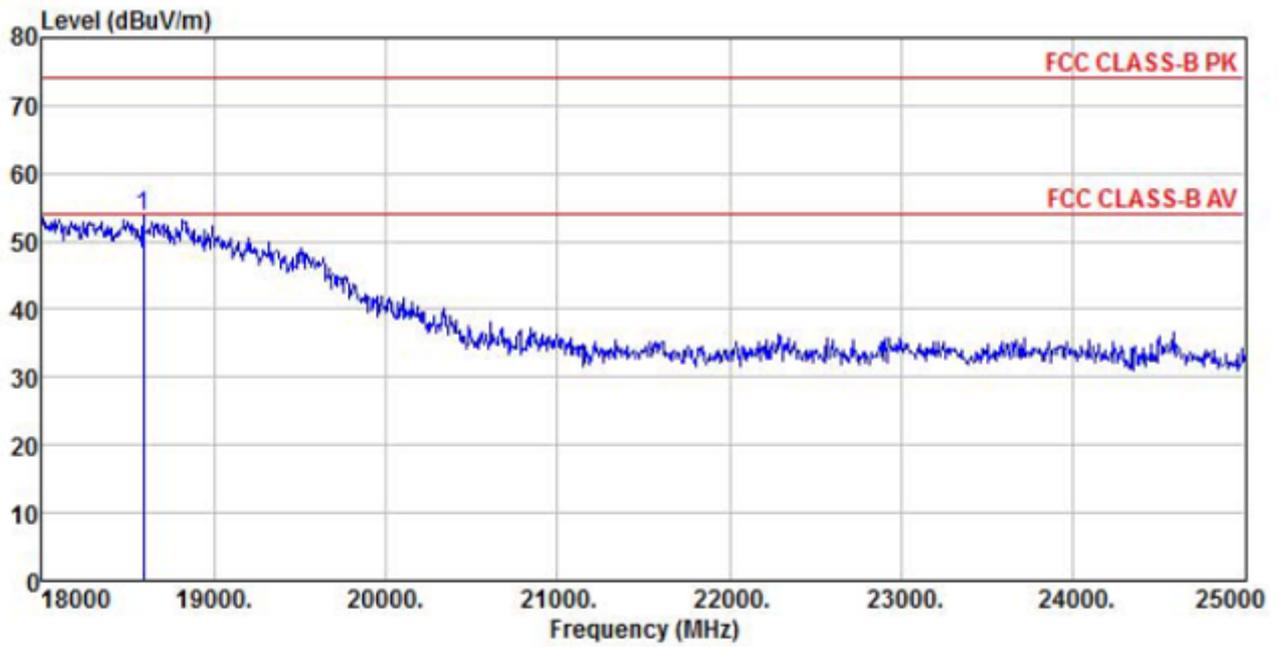


Polarization: Vertical, Detector: Peak:

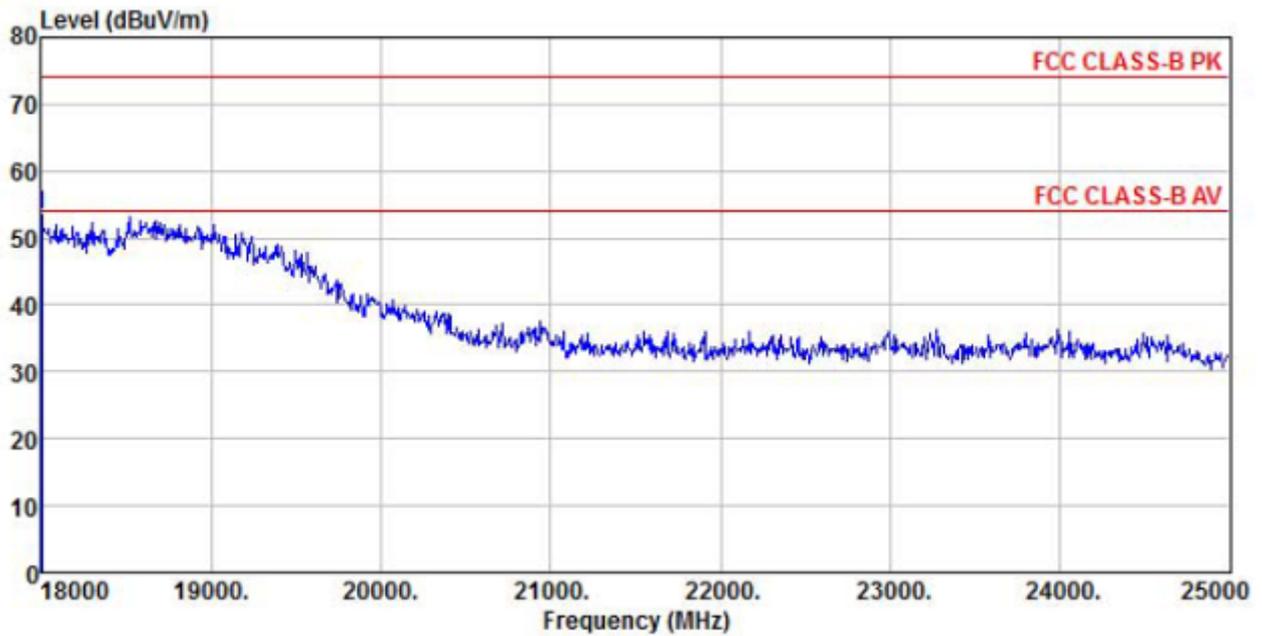


802.11b, traffic mode; Channel 7

Polarization: Horizontal, Detector: Peak

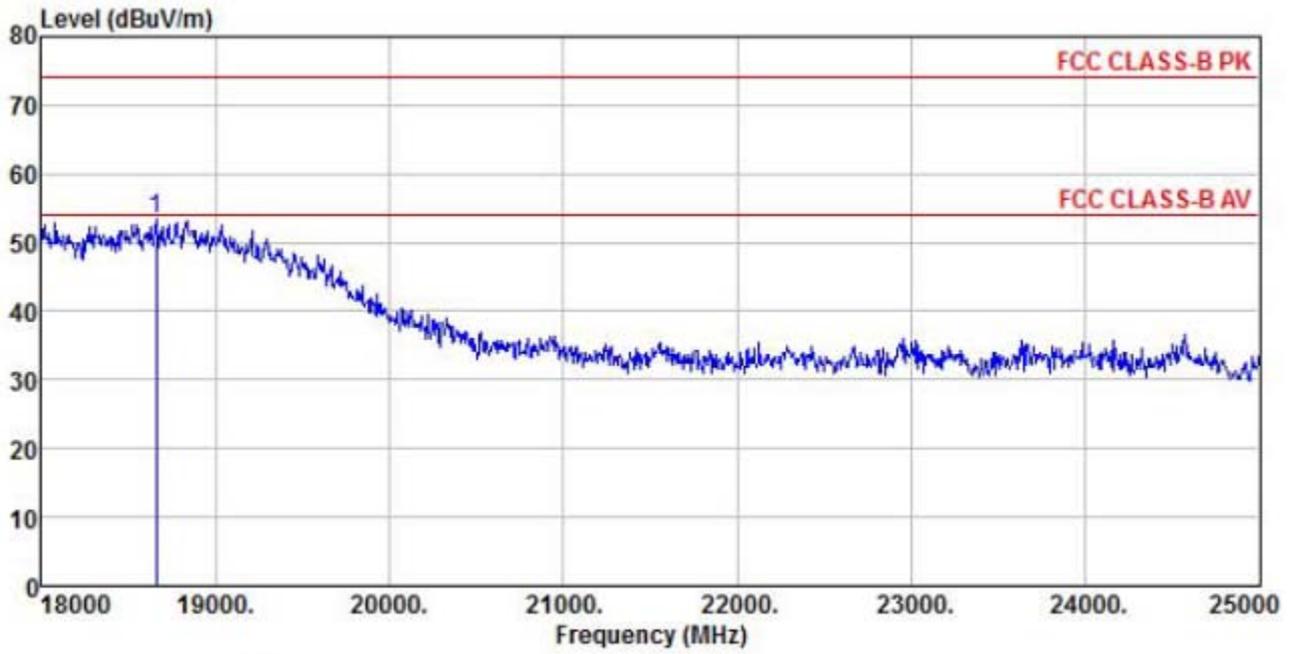


Polarization: Vertical, Detector: Peak:

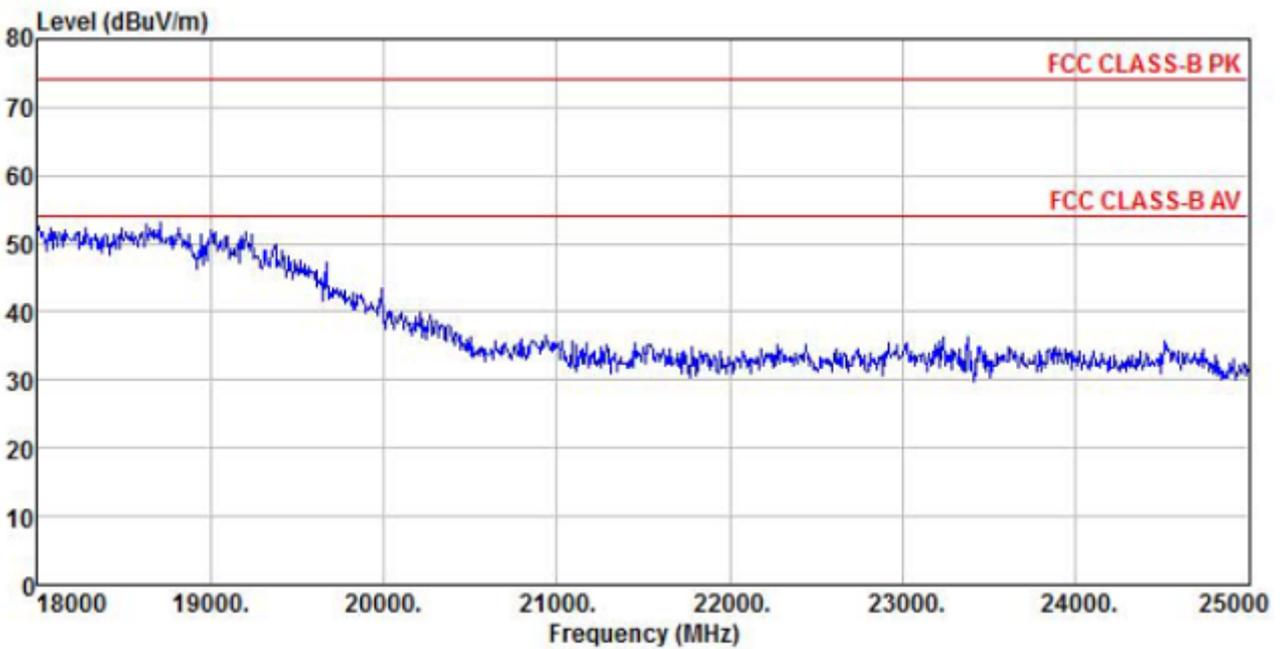


802.11b, traffic mode; Channel 11

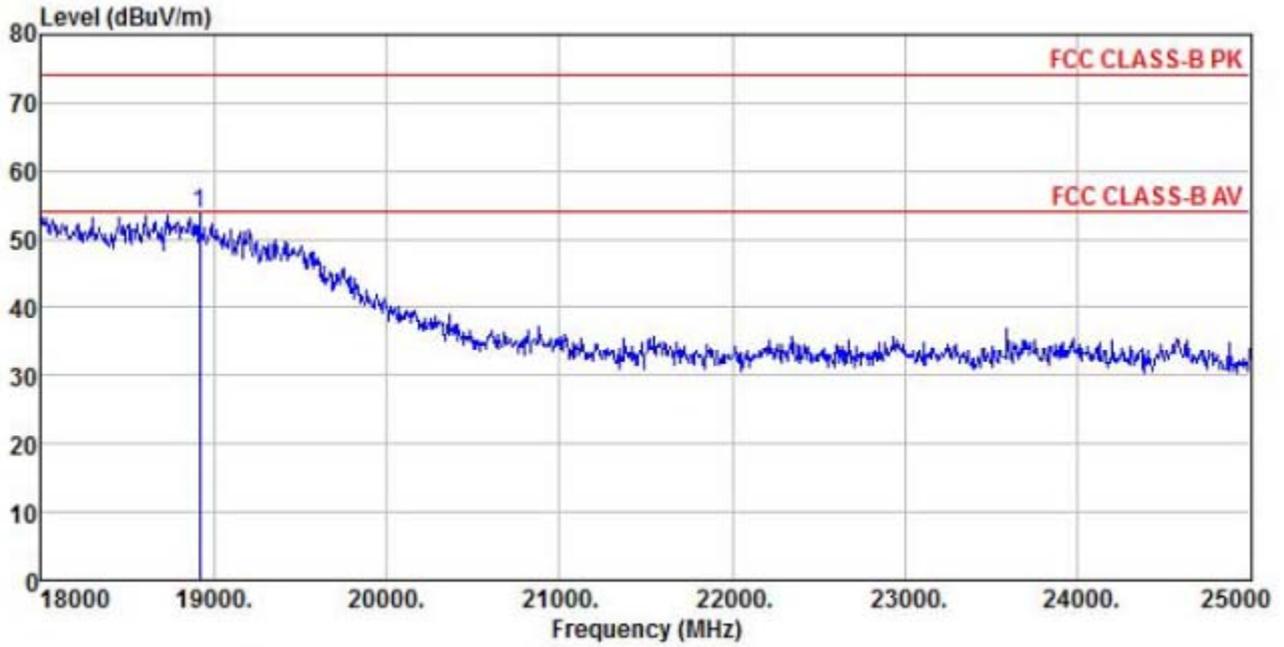
Polarization: Horizontal, Detector: Peak



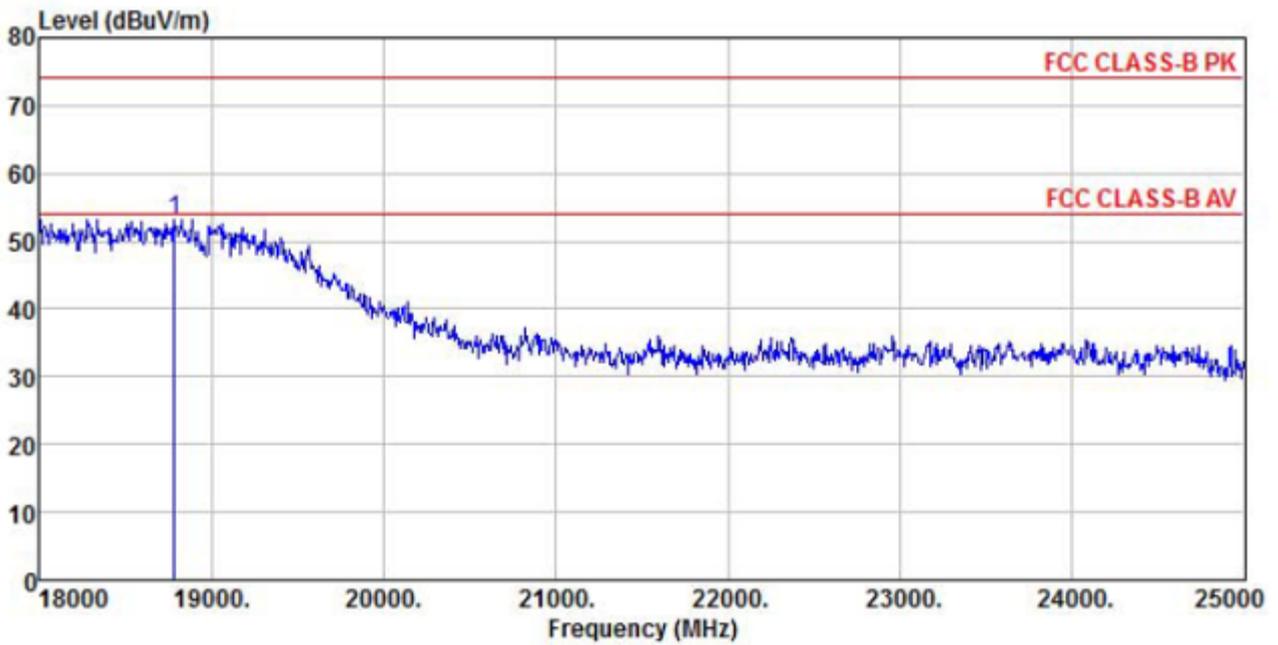
Polarization: Vertical, Detector: Peak:



Polarization: Horizontal, Detector: Peak

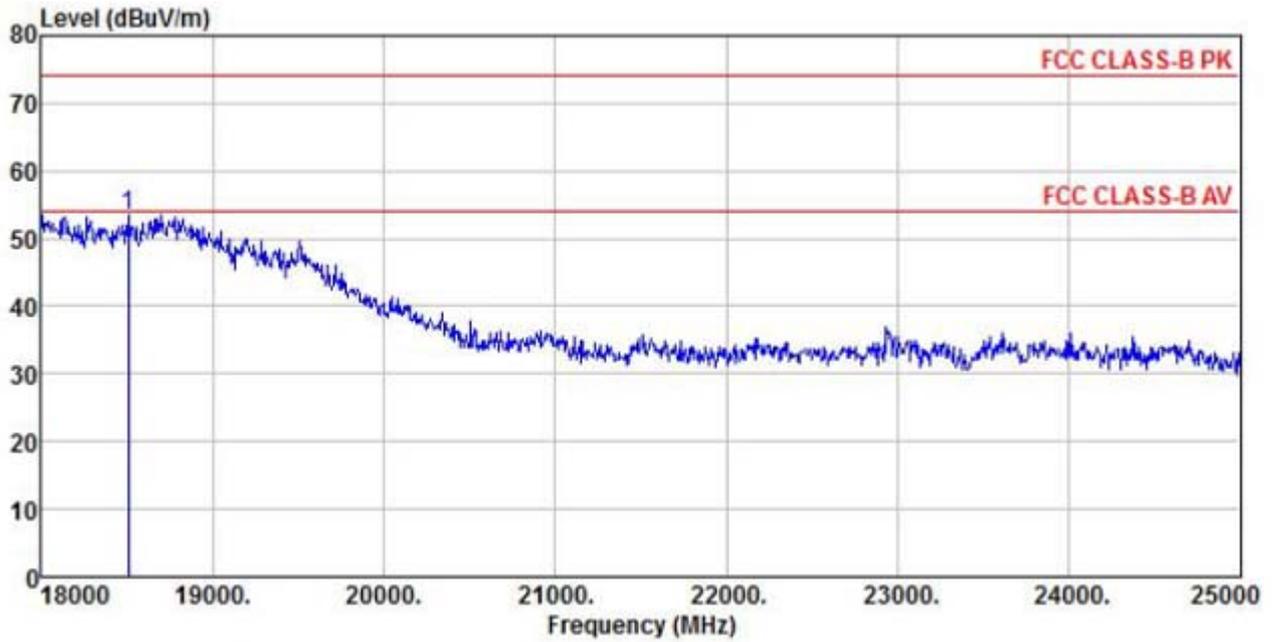


Polarization: Vertical, Detector: Peak:

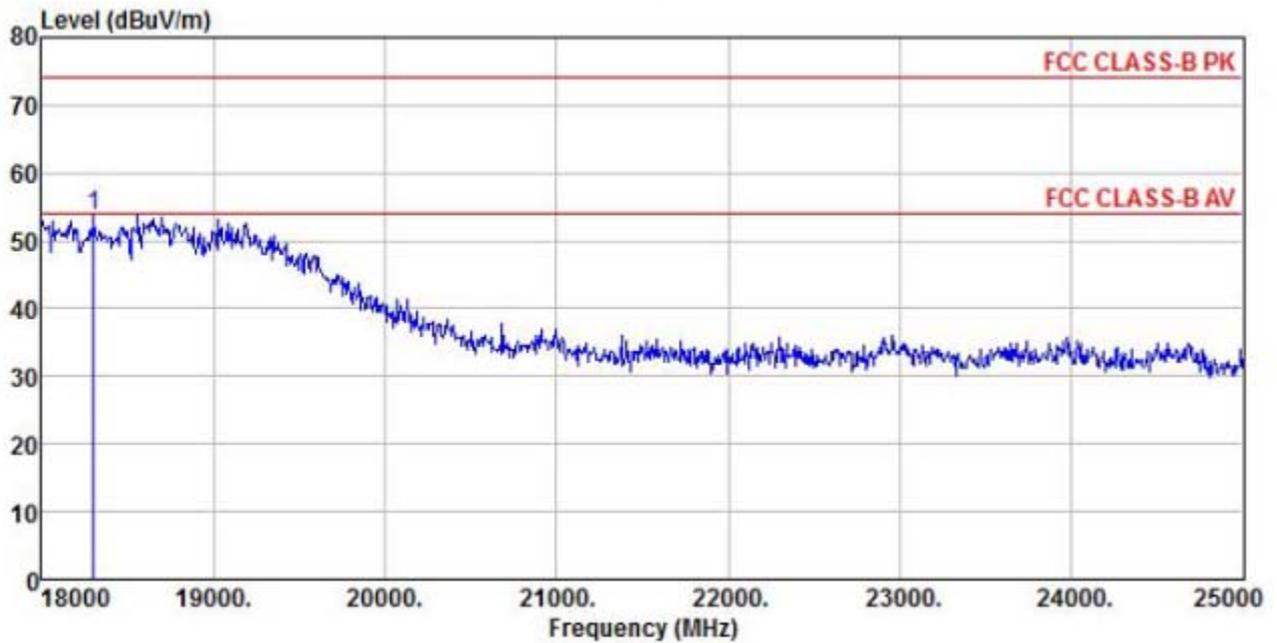


802.11g, traffic mode; Channel 7

Polarization: Horizontal, Detector: Peak

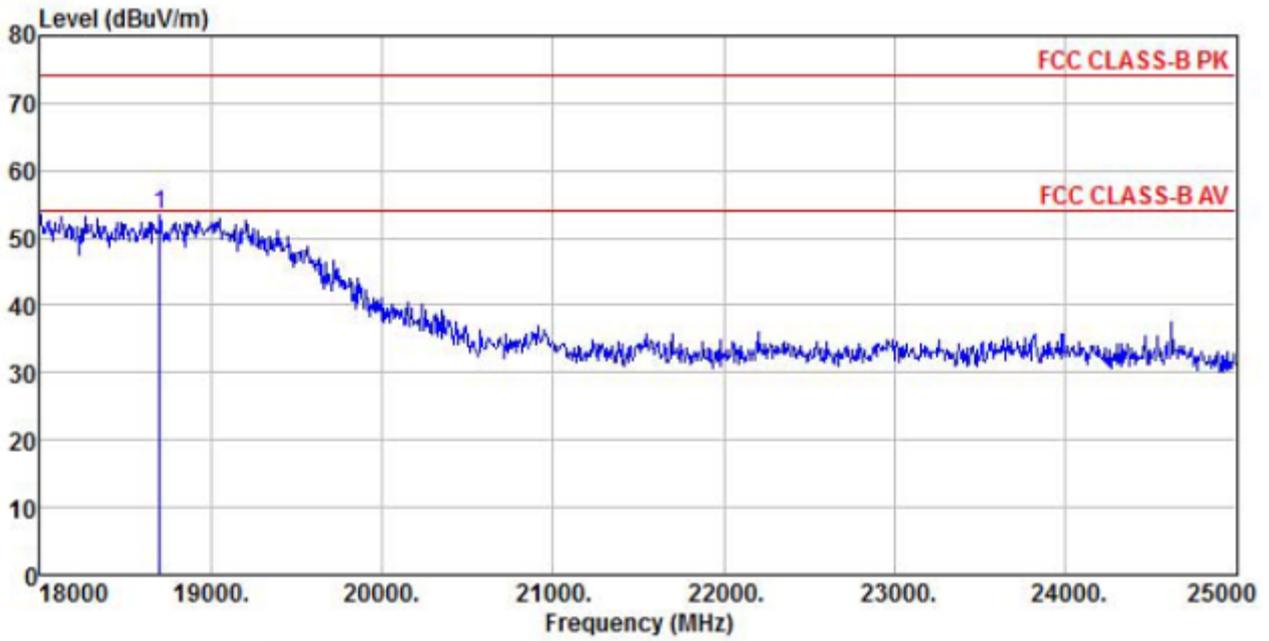


Polarization: Vertical, Detector: Peak:

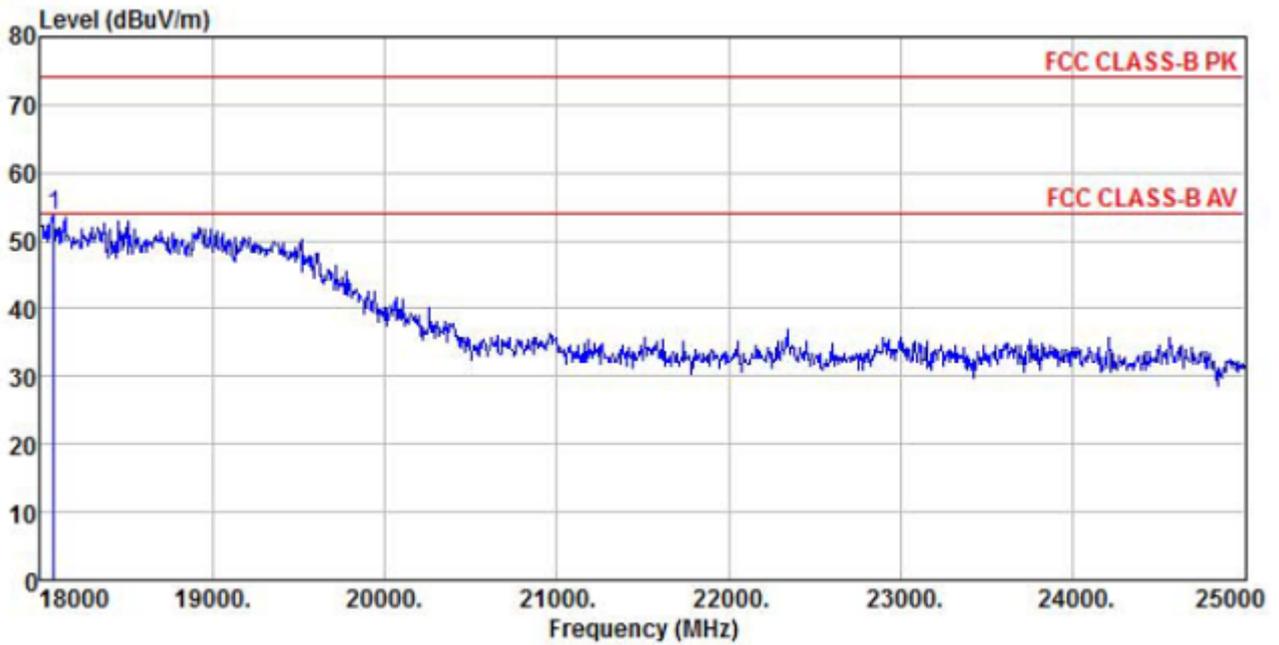


802.11g, traffic mode; Channel 11

Polarization: Horizontal, Detector: Peak

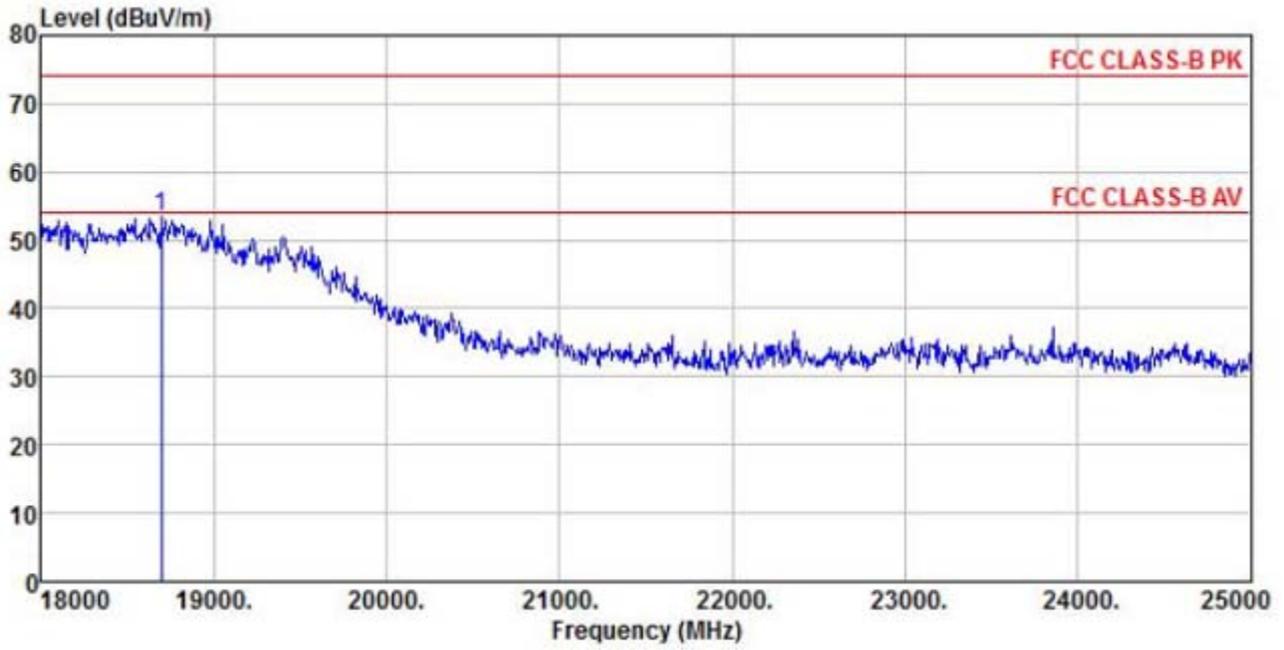


Polarization: Vertical, Detector: Peak:

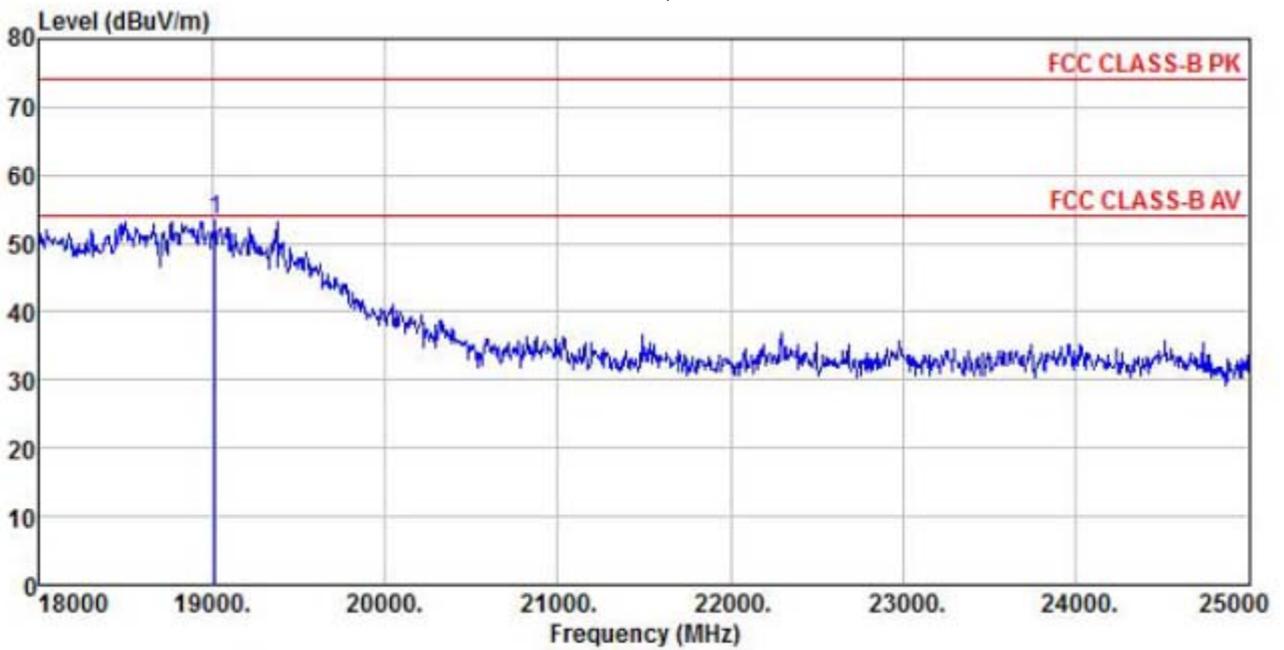


802.11n, traffic mode; Channel 1

Polarization: Horizontal, Detector: Peak

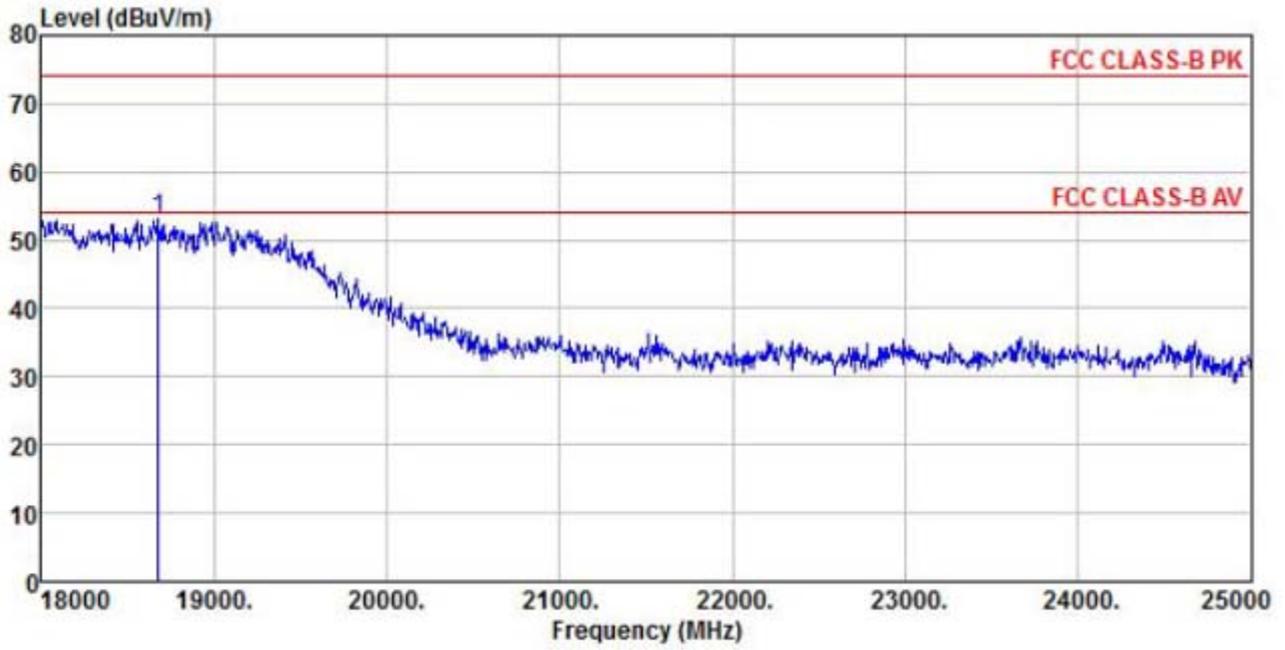


Polarization: Vertical, Detector: Peak:

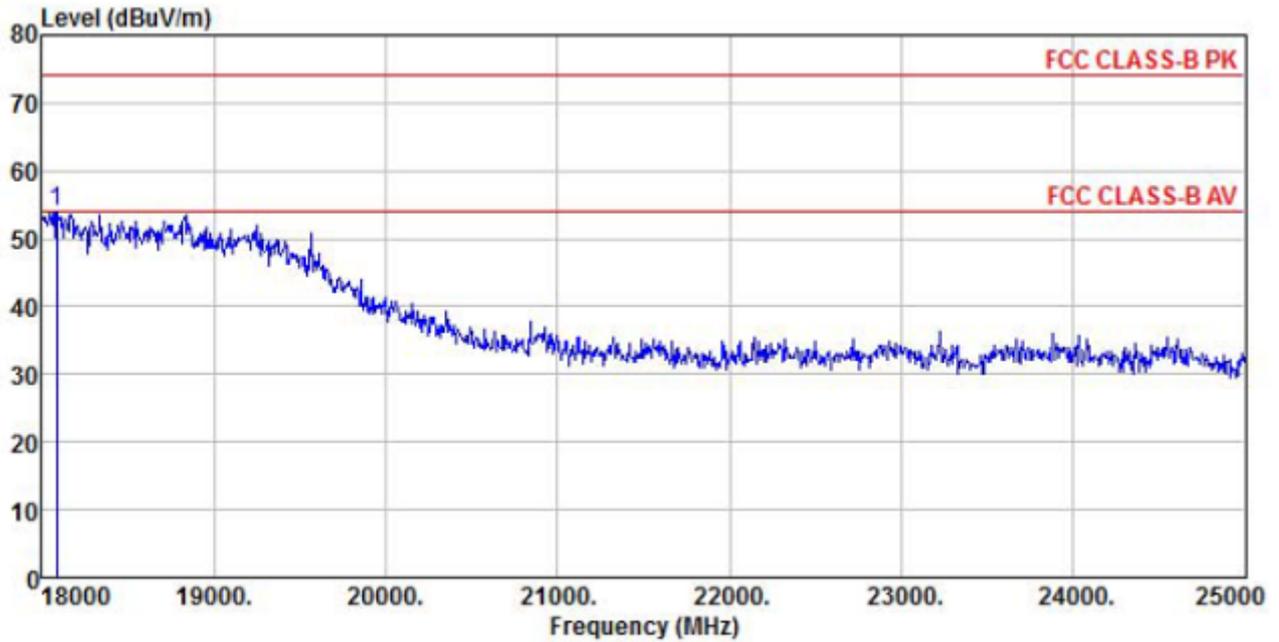


802.11n, traffic mode; Channel 7

Polarization: Horizontal, Detector: Peak

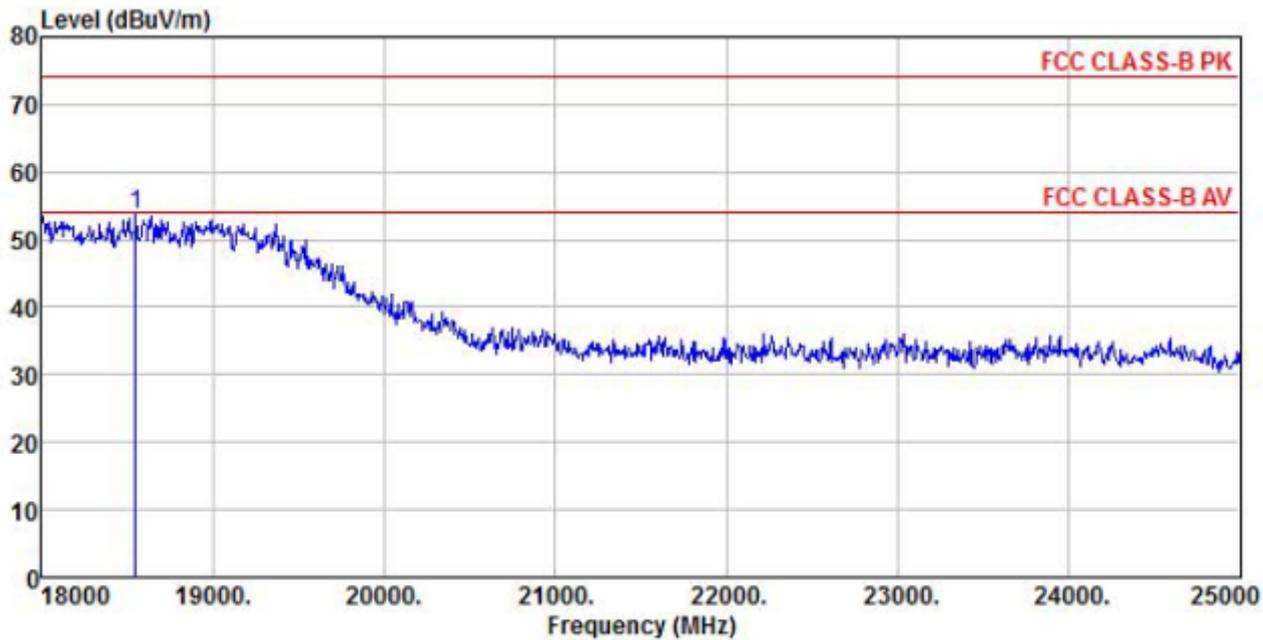


Polarization: Vertical, Detector: Peak:

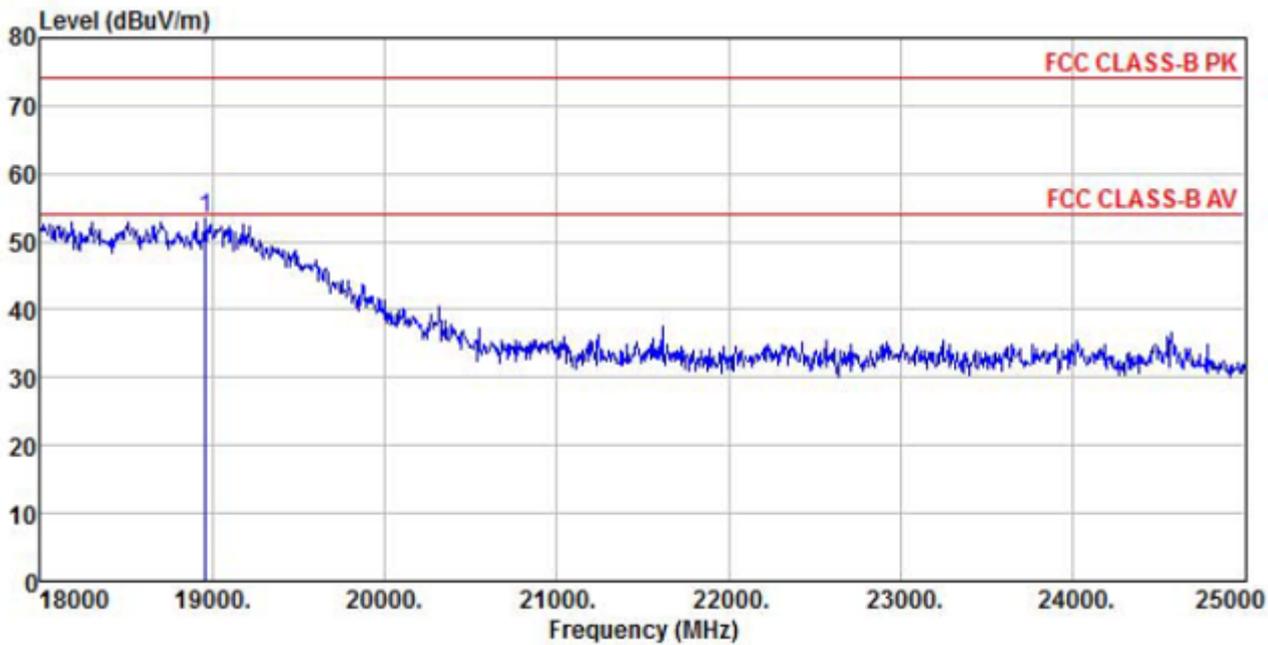


802.11n, traffic mode; Channel 11

Polarization: Horizontal, Detector: Peak



Polarization: Vertical, Detector: Peak:



PHOTOGRAPHS OF TEST SETUP

Please refer to the file named "2ABFI-RCM30113_Part 15C Setup Photos".

APPENDIX 1 PHOTOGRAPHS OF EUT

Please refer to the two files named “2ABFI-RCM30113_EUT External Photos” and “2ABFI-RCM30113_EUT Internal Photos”.

---End of the report----