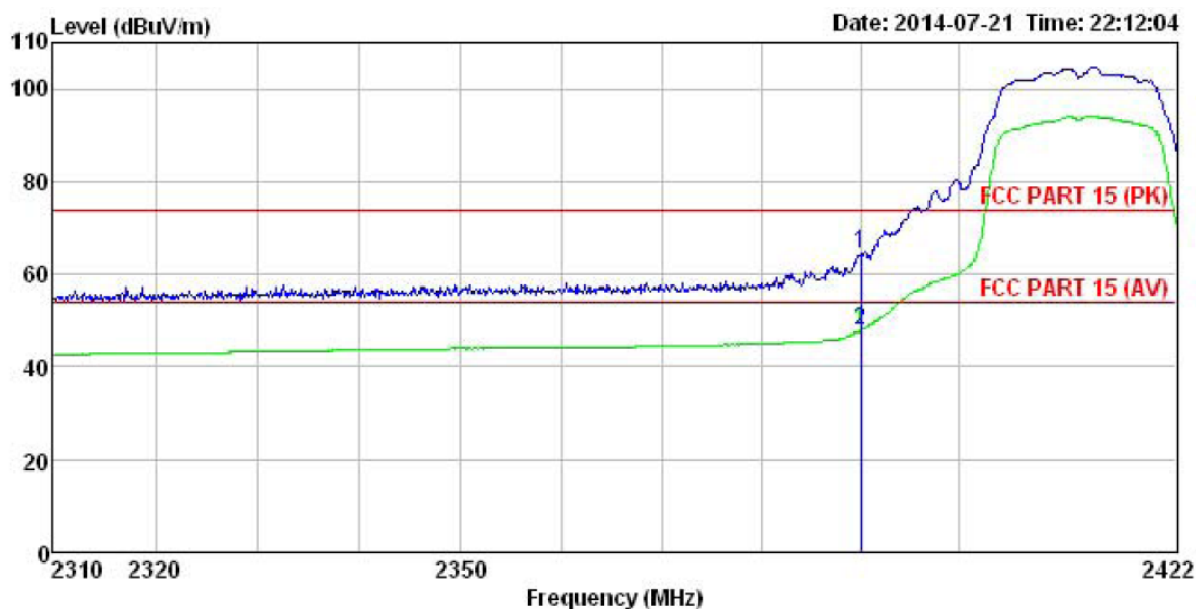


802.11g

Test channel: Lowest

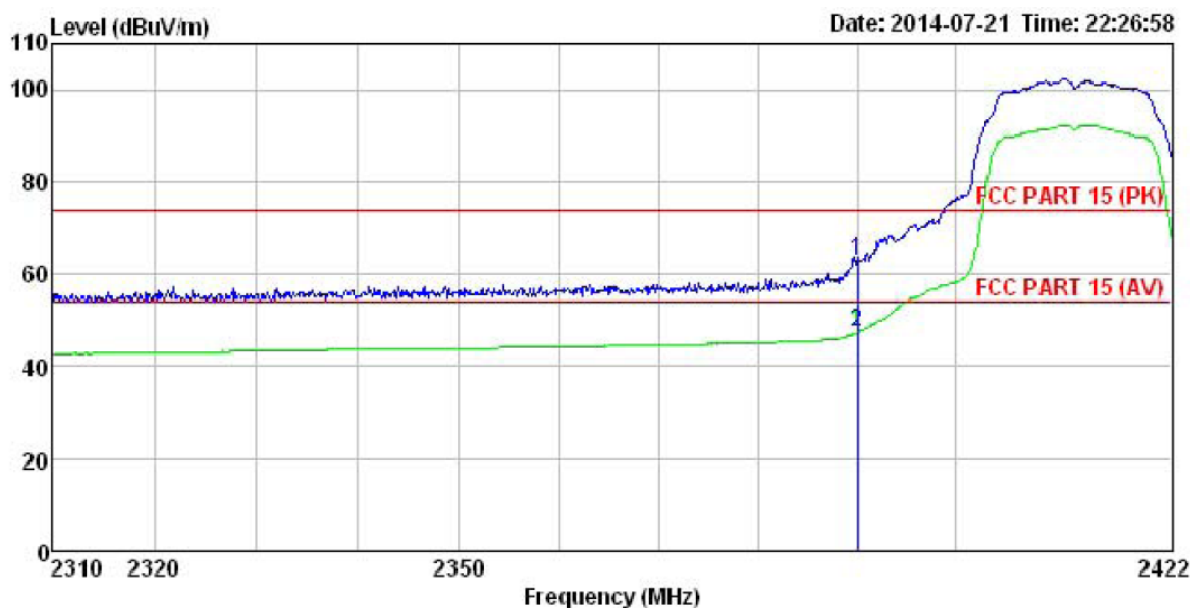
Horizontal :



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : G-L mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

		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	2390.000	27.47	31.24	5.67	0.00	64.38	74.00	-9.62 Peak
2	2390.000	11.16	31.24	5.67	0.00	48.07	54.00	-5.93 Average

Vertical:

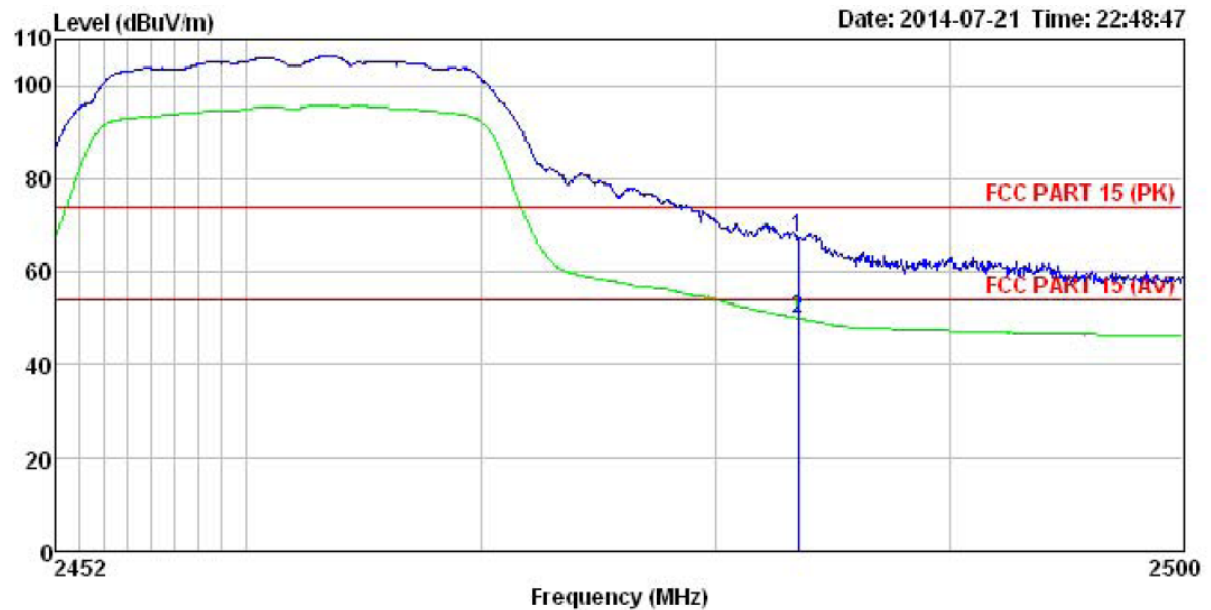


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : G-L mode
 Power Rating : 120W/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

		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	2390.000	25.89	31.24	5.67	0.00	62.80	74.00	-11.20 Peak
2	2390.000	10.53	31.24	5.67	0.00	47.44	54.00	-6.56 Average

Test channel: Highest

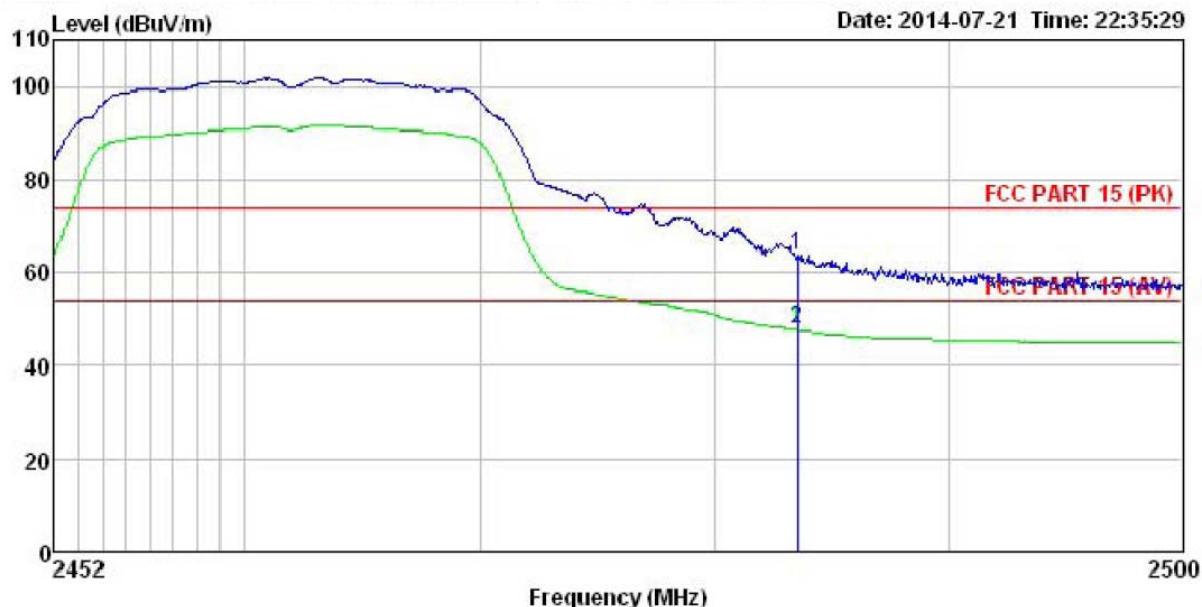
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : G-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	Read	Antenna	Cable	Preamp	Limit	Over	
		Level	Factor	Loss	Factor	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	29.95	31.55	5.70	0.00	67.20	74.00	-6.80 Peak
2	2483.500	12.74	31.55	5.70	0.00	49.99	54.00	-4.01 Average

Vertical:



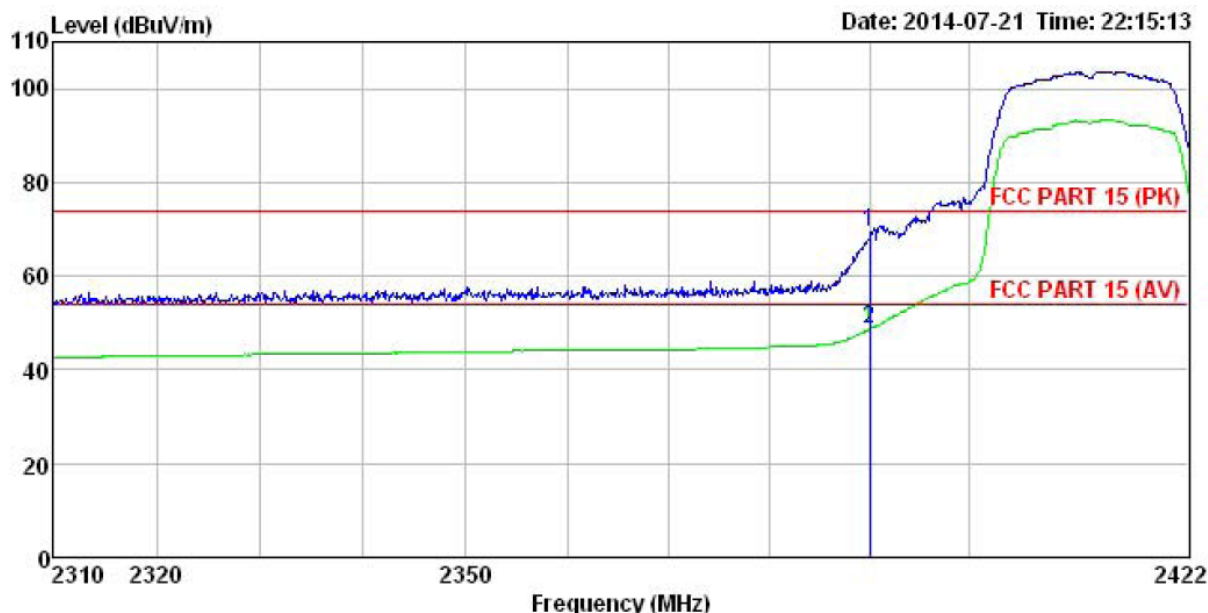
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : G-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	26.38	31.55	5.70	0.00	63.63	74.00	-10.37	Peak
2	2483.500	10.47	31.55	5.70	0.00	47.72	54.00	-6.28	Average

802.11n (H20)

Test channel: Lowest

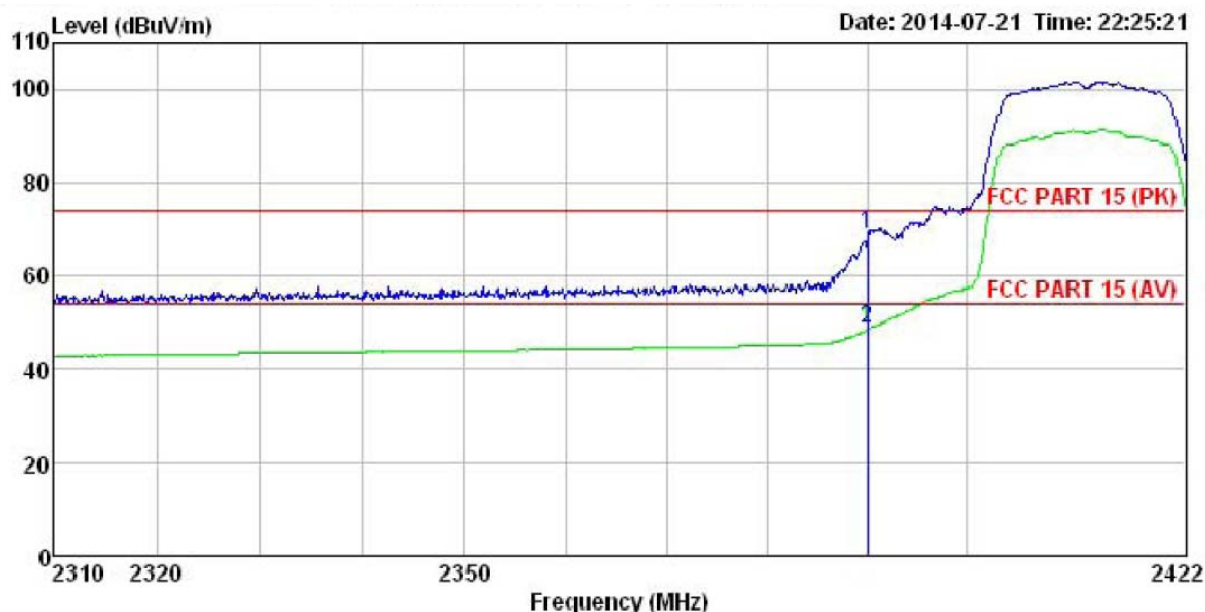
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N20-L mode
 Power Rating : 120W/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	32.60	31.24	5.67	0.00	69.51	74.00	-4.49	Peak
2	2390.000	11.91	31.24	5.67	0.00	48.82	54.00	-5.18	Average

Vertical:

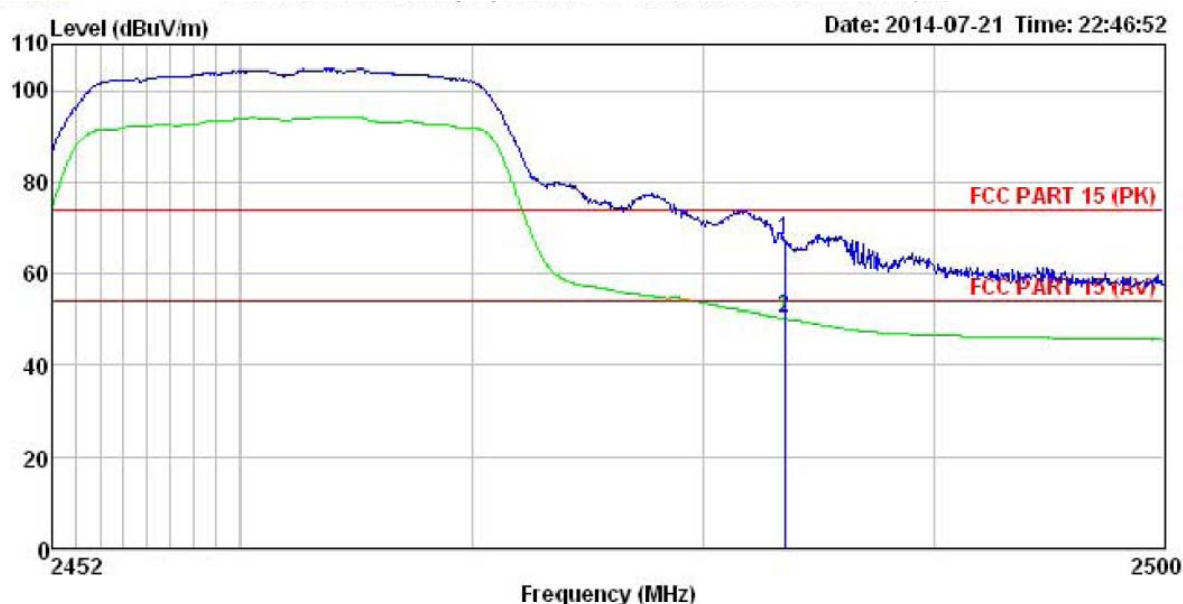


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N20-L mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	Limit	Remark
		dBuV	dB/m	dB	dB			dB	
1	2390.000	32.04	31.24	5.67	0.00	68.95	74.00	-5.05	Peak
2	2390.000	11.73	31.24	5.67	0.00	48.64	54.00	-5.36	Average

Test channel: Highest

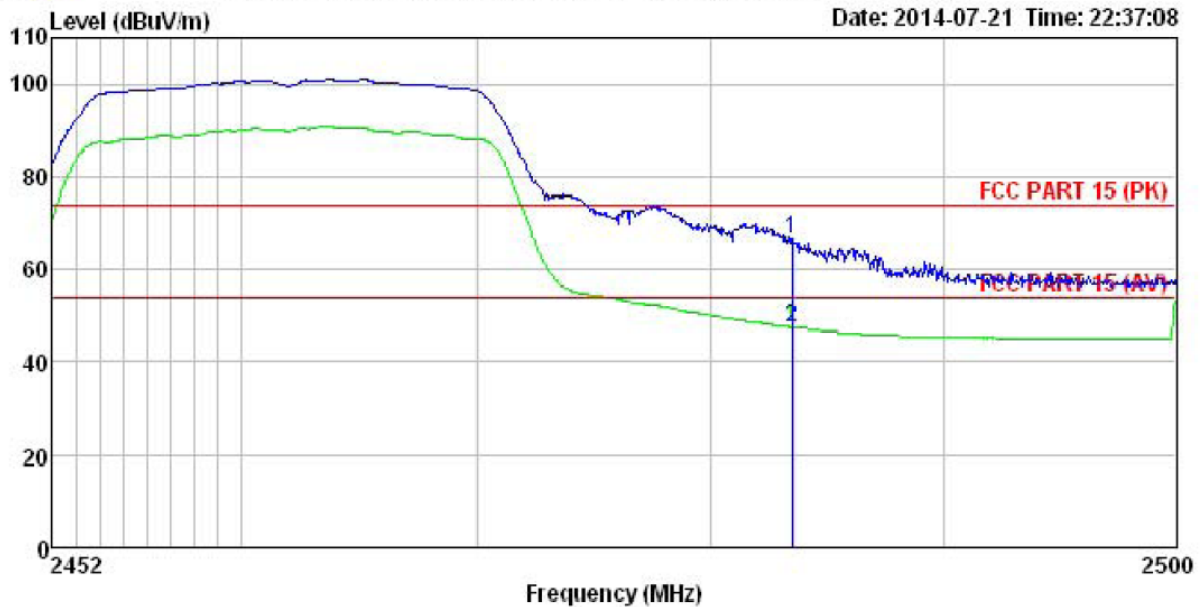
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N20-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	Limit	Remark
		dBuV	dB/m	dB	dB			dB	
1	2483.500	30.02	31.55	5.70	0.00	67.27	74.00	-6.73	Peak
2	2483.500	12.99	31.55	5.70	0.00	50.24	54.00	-3.76	Average

Vertical:



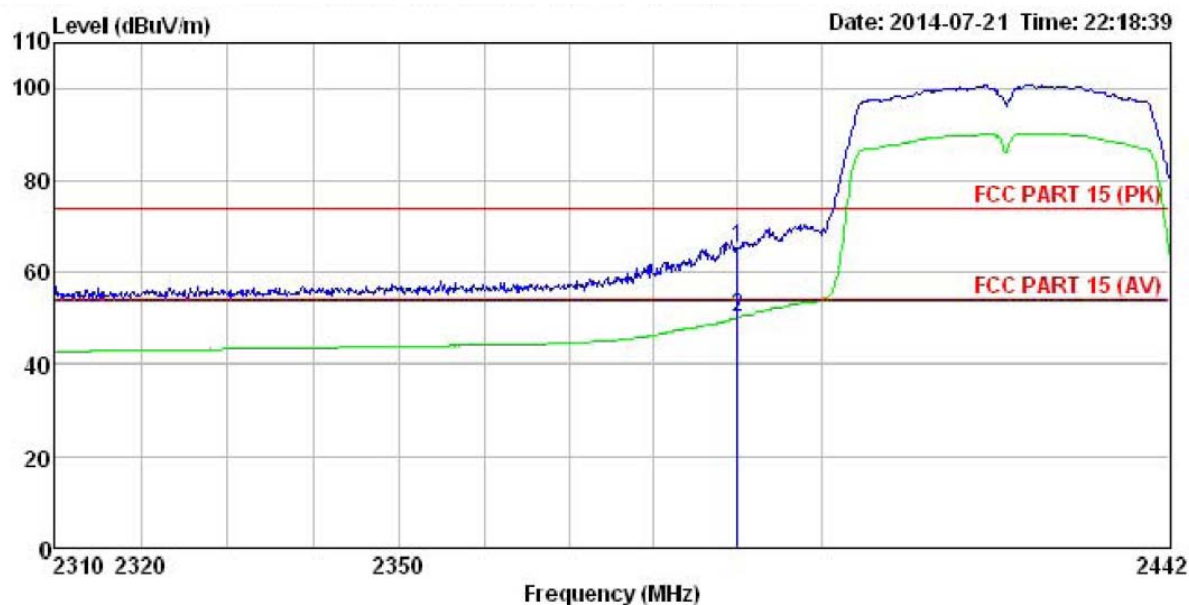
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N20-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	
	Level	Factor	Loss	Factor	Line	Limit	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	29.19	31.55	5.70	0.00	66.44	74.00	-7.56 Peak
2	2483.500	10.37	31.55	5.70	0.00	47.62	54.00	-6.38 Average

802.11n (H40)

Test channel: Lowest

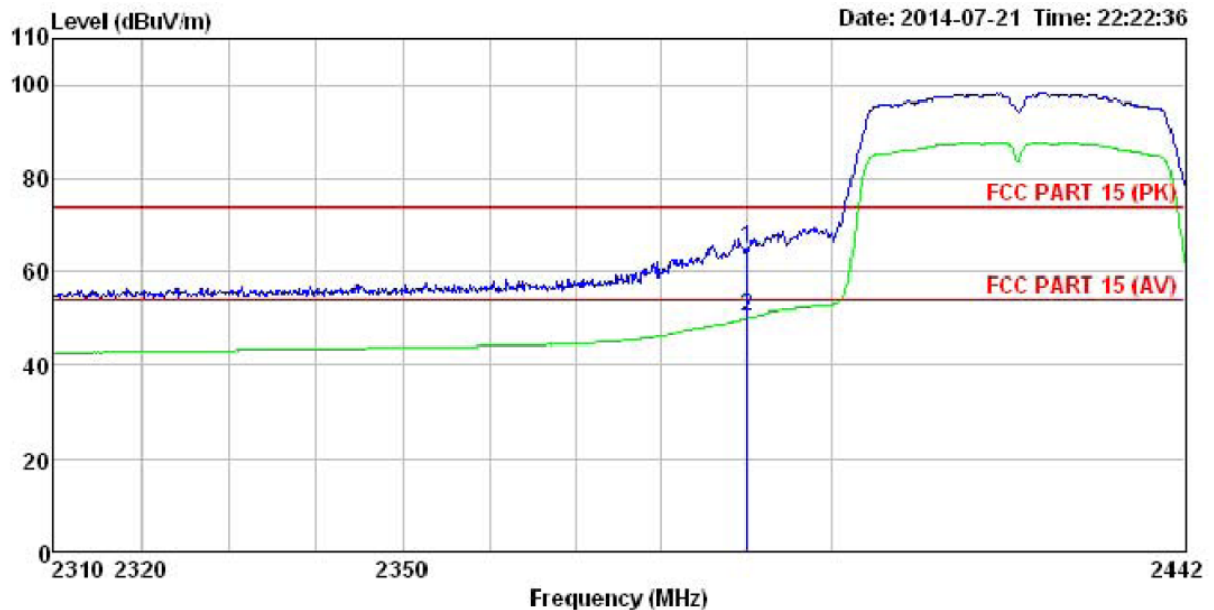
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N40-L mode
 Power Rating : 120W/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	28.43	31.24	5.67	0.00	65.34	74.00	-8.66	Peak
2	2390.000	13.36	31.24	5.67	0.00	50.27	54.00	-3.73	Average

Vertical:

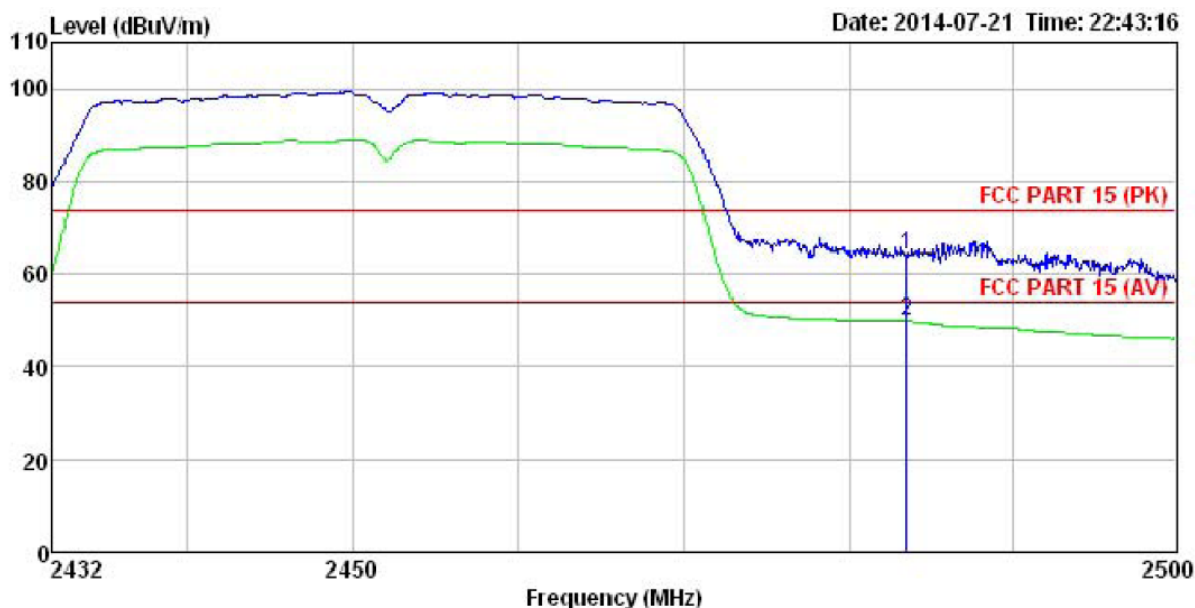


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N40-L mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	
		Level	Factor	Loss	Factor	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2390.000	27.89	31.24	5.67	0.00	64.80	74.00	-9.20 Peak
2	2390.000	13.23	31.24	5.67	0.00	50.14	54.00	-3.86 Average

Test channel: Highest

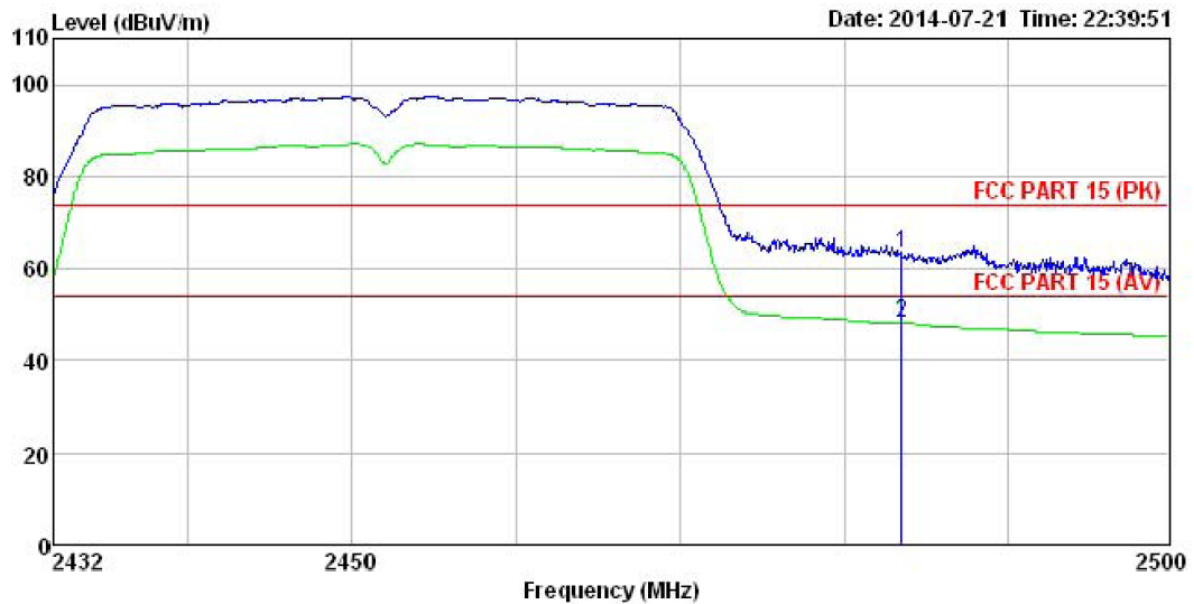
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N40-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	ReadLevel	AntennaFactor	CableLoss	PreamplifierFactor	Level	Limit	OverLimit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	26.83	31.55	5.70	0.00	64.08	74.00	-9.92	Peak
2	2483.500	12.55	31.55	5.70	0.00	49.80	54.00	-4.20	Average

Vertical:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N40-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

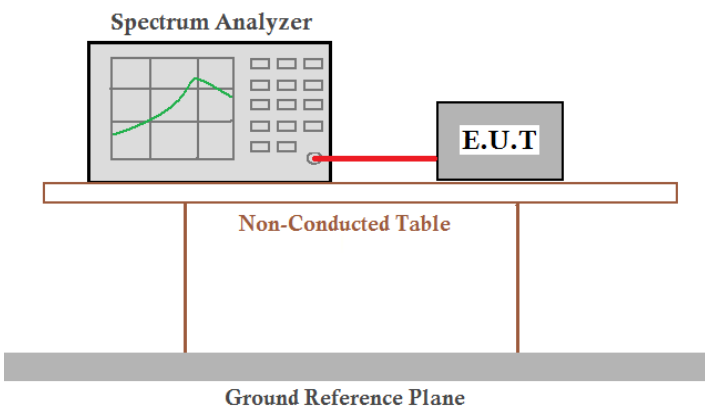
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	26.12	31.55	5.70	0.00	63.37	74.00	-10.63	Peak
2	2483.500	11.11	31.55	5.70	0.00	48.36	54.00	-5.64	Average

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- The emission levels of other frequencies are very lower than the limit and not show in test report.

6.7 Spurious Emission

6.7.1 Conducted Emission Method

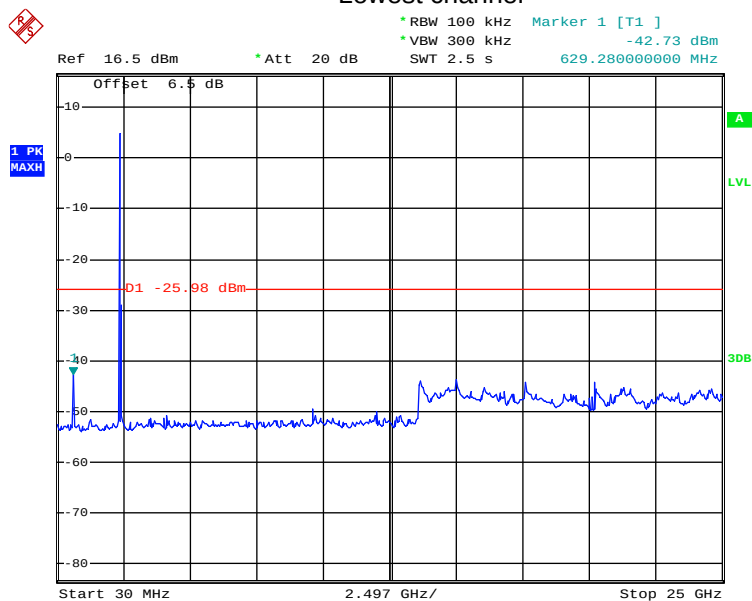
Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	ANSI C63.4:2003 and KDB558074
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	 The diagram illustrates the test setup for conducted emission measurements. A Spectrum Analyzer is connected to an Equipment Under Test (E.U.T.) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by two vertical legs and sits on a Ground Reference Plane, which is represented by a thick gray bar at the bottom.
Test Instruments:	Refer to section 5.6 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Test plot as follows:

Test mode:

802.11b

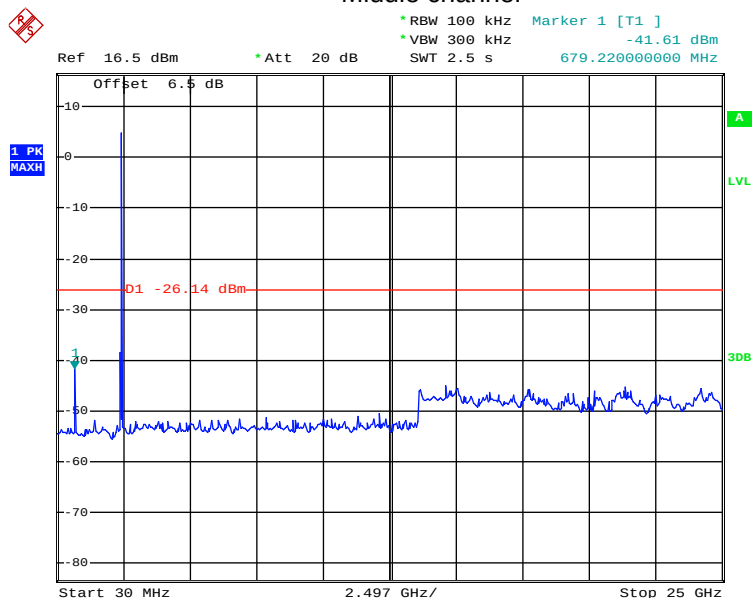
Lowest channel



Date: 22.JUN.2014 00:22:35

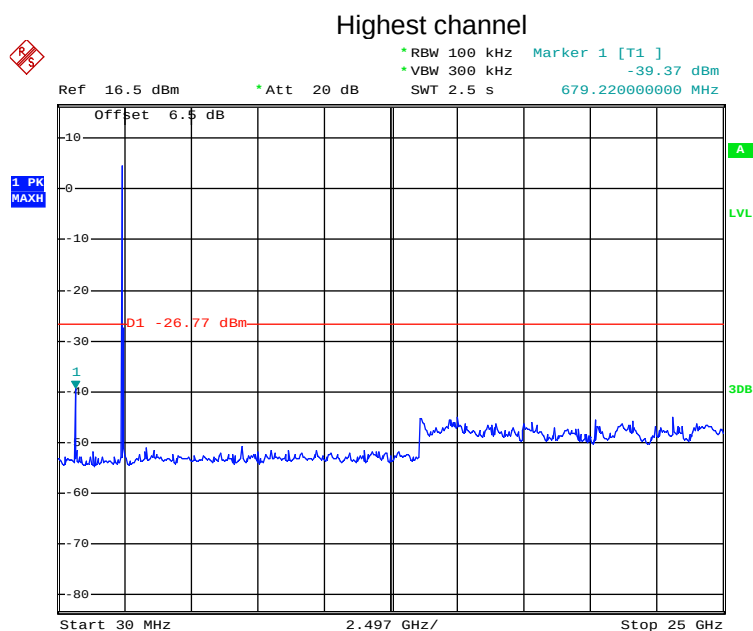
30MHz~25GHz

Middle channel



Date: 22.JUN.2014 00:23:06

30MHz~25GHz

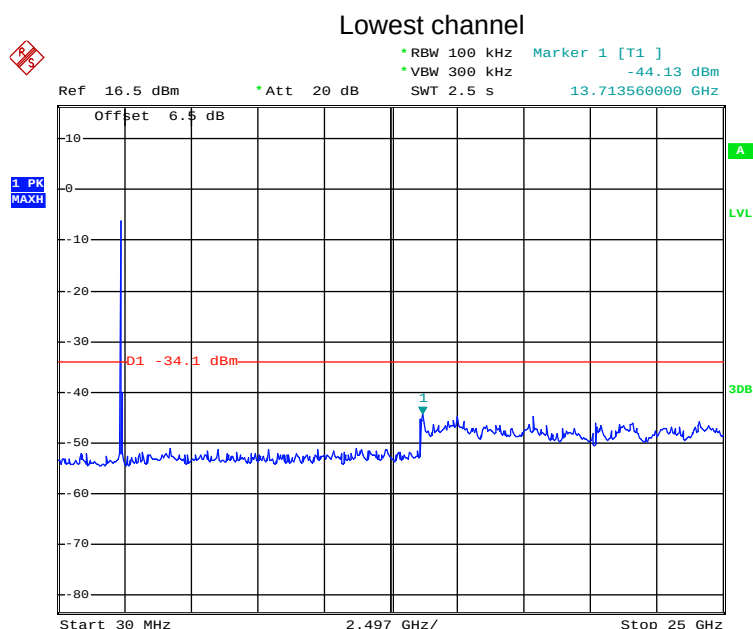


Date: 22.JUN.2014 00:23:27

30MHz~25GHz

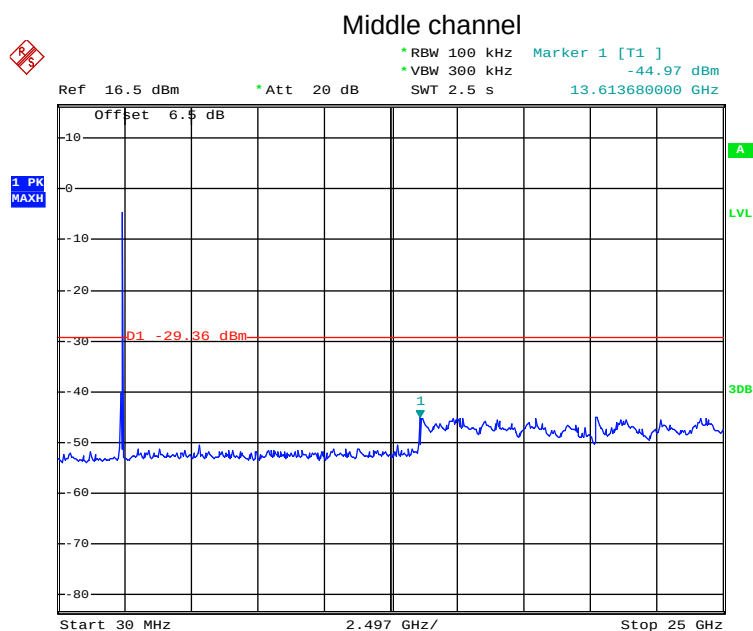
Test mode:

802.11g



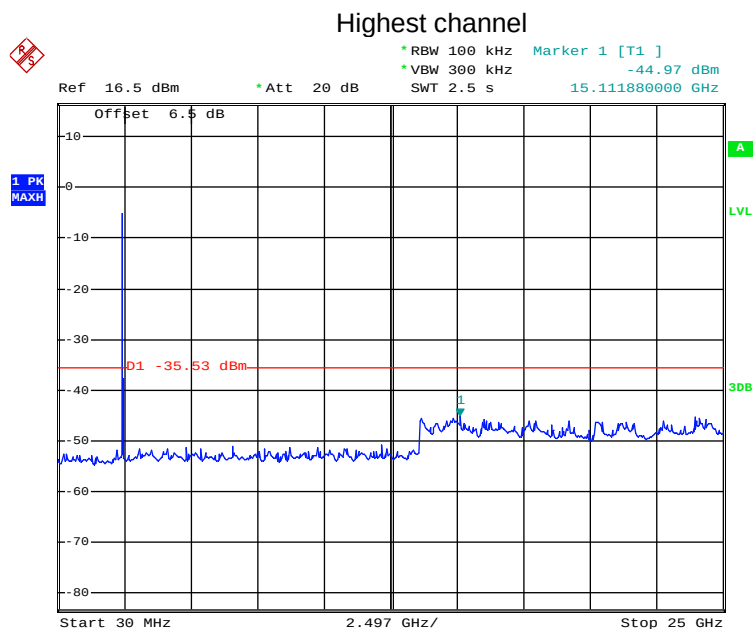
Date: 22.JUN.2014 00:24:17

30MHz~25GHz



Date: 30.JUL.2014 17:28:00

30MHz~25GHz

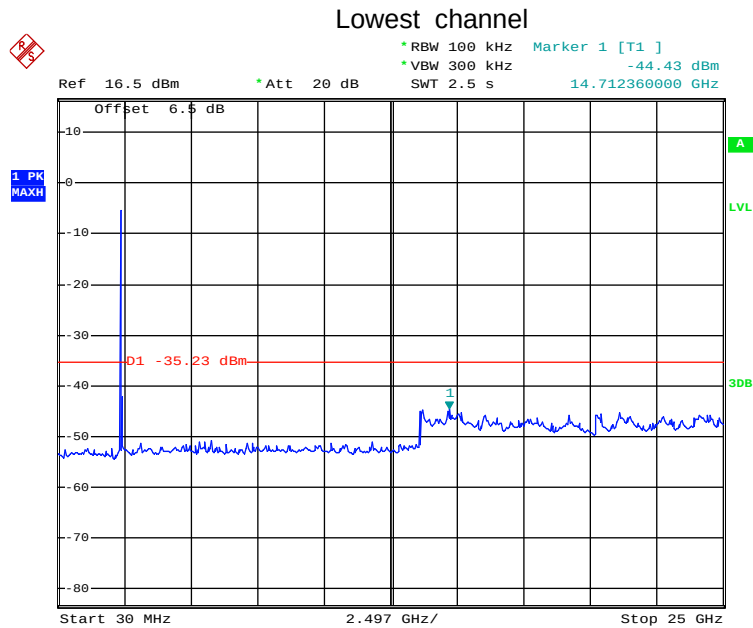


Date: 22.JUN.2014 00:25:16

30MHz~25GHz

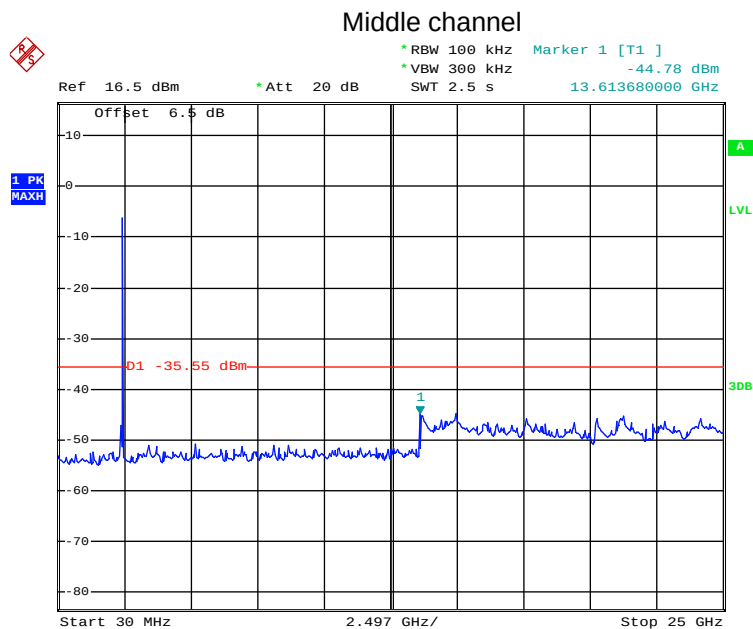
Test mode:

802.11n(H20)



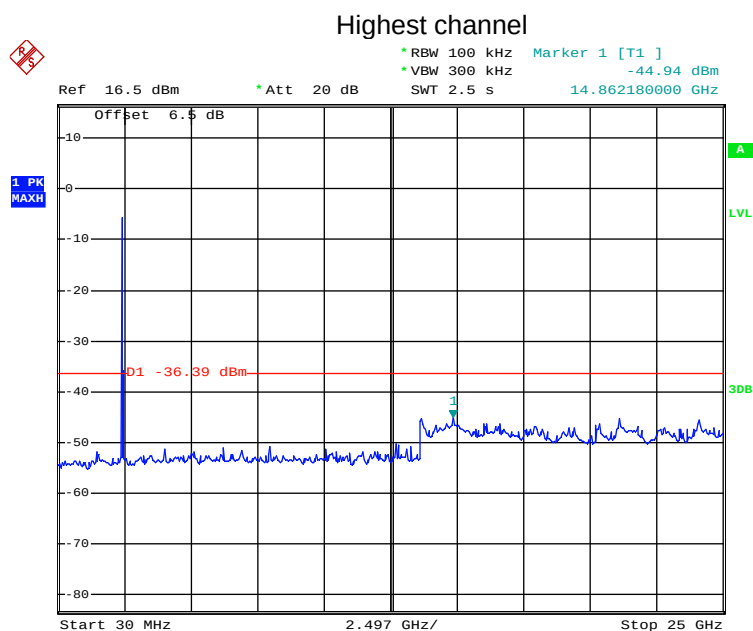
Date: 22.JUN.2014 00:26:14

30MHz~25GHz



Date: 22.JUN.2014 00:26:39

30MHz~25GHz

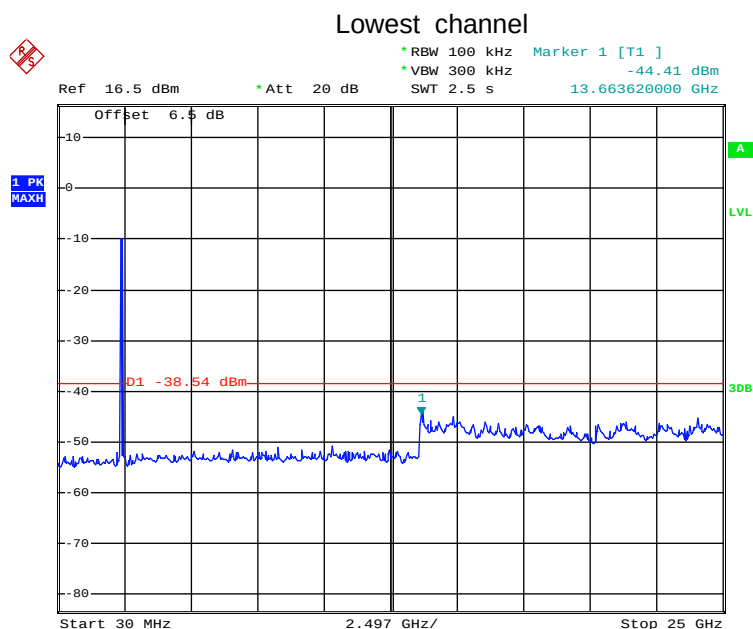


Date: 22.JUN.2014 00:27:02

30MHz~25GHz

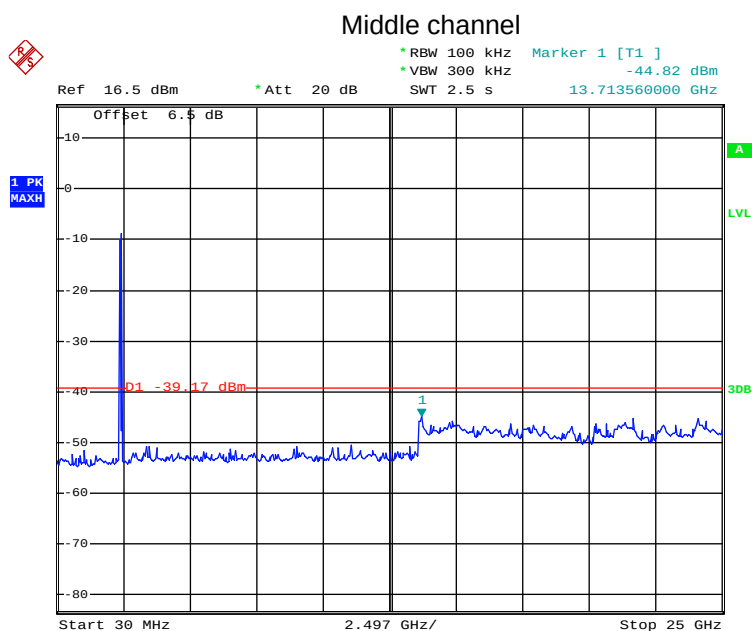
Test mode:

802.11n(H40)



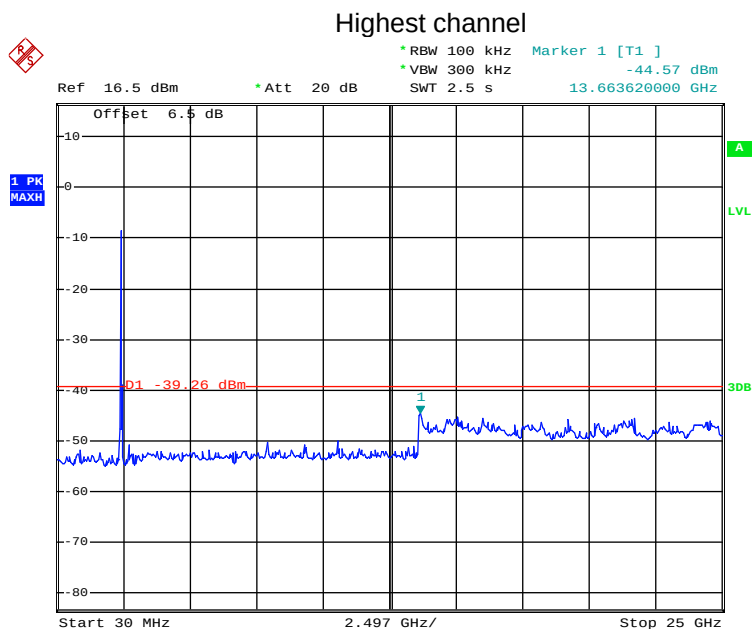
Date: 22.JUN.2014 00:27:36

30MHz~25GHz



Date: 22.JUN.2014 00:28:10

30MHz~25GHz

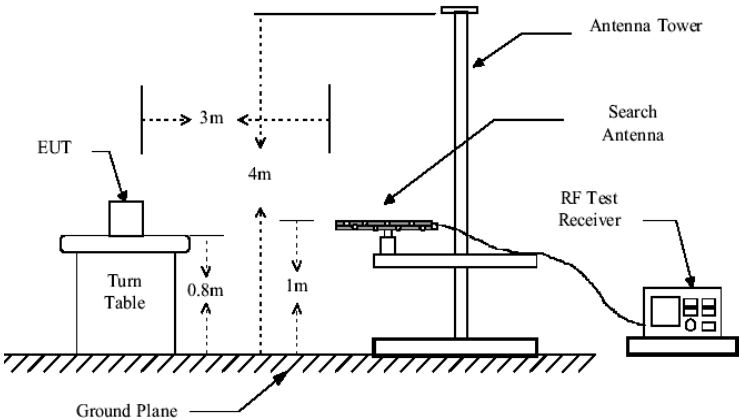
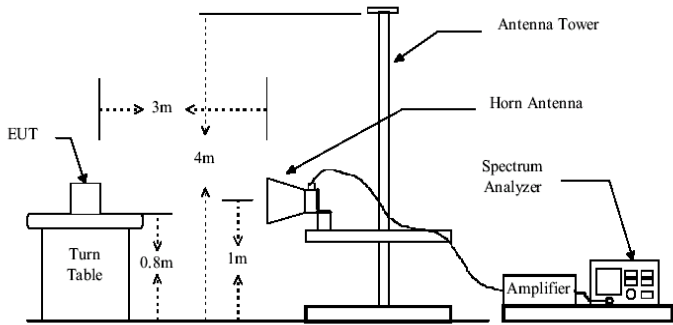


Date: 22.JUN.2014 00:28:43

30MHz~25GHz

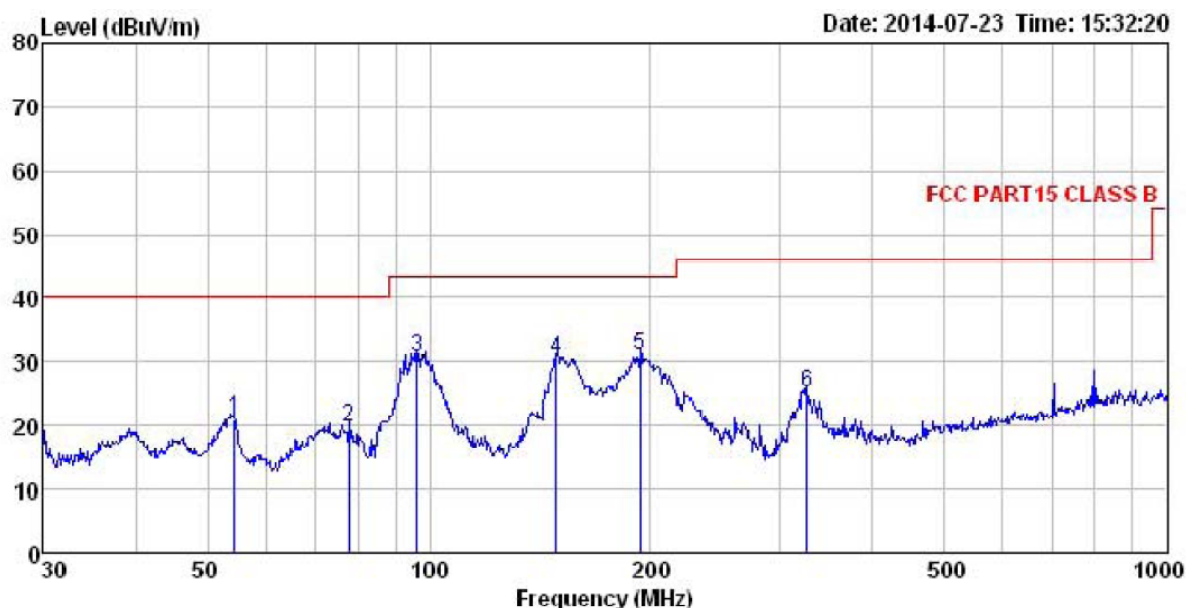
6.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.205				
Test Method:	ANSI C63.4:2003				
Test Frequency Range:	9KHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:					
	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
Peak		1MHz	10Hz	Average Value	
Limit:					
	Frequency		Limit (dBuV/m @3m)		Remark
	30MHz-88MHz		40.0		Quasi-peak Value
	88MHz-216MHz		43.5		Quasi-peak Value
	216MHz-960MHz		46.0		Quasi-peak Value
	960MHz-1GHz		54.0		Quasi-peak Value
	Above 1GHz	54.0		Average Value	
74.0		Peak Value			
Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.				

Test setup:	Below 1GHz  Above 1GHz 
Test Instruments:	Refer to section 5.6 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case. 2. 9 kHz to 30MHz is too low, so only shows the data of above 30MHz in this report.

Below 1GHz

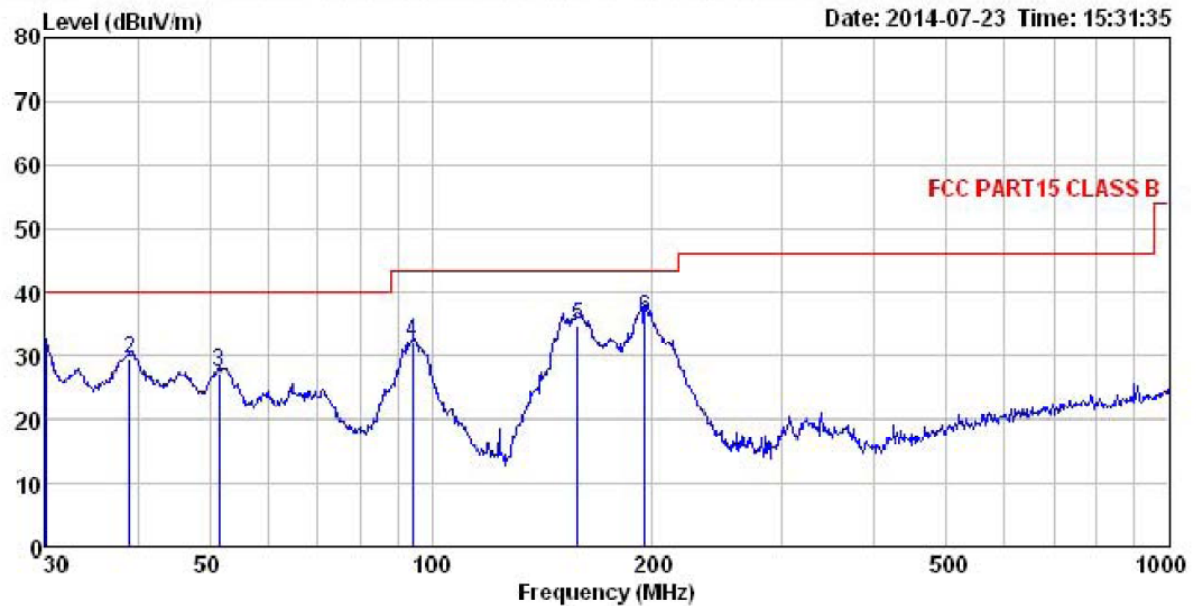
Horizontal :



Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : WIFI mode
 Power Rating : 120W/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	54.452	37.04	13.07	0.65	29.80	20.96	40.00	-19.04	QP
2	77.865	40.31	8.26	0.84	29.66	19.75	40.00	-20.25	QP
3	96.436	46.44	12.94	0.94	29.54	30.78	43.50	-12.72	QP
4	148.963	50.03	8.26	1.31	29.23	30.37	43.50	-13.13	QP
5	193.095	47.93	10.56	1.37	28.88	30.98	43.50	-12.52	QP
6	325.596	38.18	13.59	1.86	28.51	25.12	46.00	-20.88	QP

Vertical :



Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : WIFI mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	30.000	49.10	12.33	0.43	29.98	31.88	40.00	-8.12	QP
2	39.024	45.64	13.34	0.51	29.91	29.58	40.00	-10.42	QP
3	51.481	43.37	13.19	0.62	29.81	27.37	40.00	-12.63	QP
4	94.428	48.04	12.75	0.93	29.55	32.17	43.50	-11.33	QP
5	158.112	54.06	8.58	1.33	29.15	34.82	43.50	-8.68	QP
6	195.137	53.07	10.57	1.37	28.86	36.15	43.50	-7.35	QP

Above 1GHz

Test mode:		802.11b		Test channel:		Lowest		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4824.00	46.47	31.53	8.90	40.24	46.66	74.00	-27.34	Vertical			
4824.00	46.91	31.53	8.90	40.24	47.10	74.00	-26.90	Horizontal			

Test mode:		802.11b		Test channel:		Lowest		Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4824.00	36.66	31.53	8.90	40.24	36.85	54.00	-17.15	Vertical			
4824.00	36.18	31.53	8.90	40.24	36.37	54.00	-17.63	Horizontal			

Test mode:		802.11b		Test channel:		Middle		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4874.00	44.77	31.58	8.98	40.15	45.18	74.00	-28.82	Vertical			
4874.00	46.17	31.58	8.98	40.15	46.58	74.00	-27.42	Horizontal			

Test mode:		802.11b		Test channel:		Middle		Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4874.00	34.36	31.58	8.98	40.15	34.77	54.00	-19.23	Vertical			
4874.00	36.65	31.58	8.98	40.15	37.06	54.00	-16.94	Horizontal			

Test mode:		802.11b		Test channel:		Highest		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4924.00	45.99	31.69	9.08	40.03	46.73	74.00	-27.27	Vertical			
4924.00	45.56	31.69	9.08	40.03	46.30	74.00	-27.70	Horizontal			

Test mode:		802.11b	Test channel:		Highest	Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.	
4924.00	35.67	31.69	9.08	40.03	36.41	54.00	-17.59	Vertical	
4924.00	35.92	31.69	9.08	40.03	36.66	54.00	-17.34	Horizontal	

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. “*”, means this data is the too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:		802.11g	Test channel:		Lowest	Remark:		Peak
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.
4824.00	45.56	31.53	8.90	40.24	45.75	74.00	-28.25	Vertical
4824.00	45.65	31.53	8.90	40.24	45.84	74.00	-28.16	Horizontal

Test mode:		802.11g	Test channel:		Lowest	Remark:		Average
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.
4824.00	35.38	31.53	8.90	40.24	35.57	54.00	-18.43	Vertical
4824.00	35.85	31.53	8.90	40.24	36.04	54.00	-17.96	Horizontal

Test mode:		802.11g	Test channel:		Middle	Remark:		Peak
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.
4874.00	45.97	31.58	8.98	40.15	46.38	74.00	-27.62	Vertical
4874.00	46.76	31.58	8.98	40.15	47.17	74.00	-26.83	Horizontal

Test mode:		802.11g	Test channel:		Middle	Remark:		Average
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.
4874.00	35.03	31.58	8.98	40.15	35.44	54.00	-18.56	Vertical
4874.00	36.79	31.58	8.98	40.15	37.20	54.00	-16.80	Horizontal

Test mode:		802.11g	Test channel:		Highest	Remark:		Peak
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.
4924.00	45.79	31.69	9.08	40.03	46.53	74.00	-27.47	Vertical
4924.00	46.21	31.69	9.08	40.03	46.95	74.00	-27.05	Horizontal

Test mode:		802.11g	Test channel:		Highest	Remark:		Average
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.
4924.00	35.07	31.69	9.08	40.03	35.81	54.00	-18.19	Vertical
4924.00	35.91	31.69	9.08	40.03	36.65	54.00	-17.35	Horizontal

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor
2. “*” means this data is too weak; instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not shown in test report.

Test mode:		802.11(n20)		Test channel:		Lowest		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4824.00	45.68	31.53	8.90	40.24	45.87	74.00	-28.13	Vertical			
4824.00	46.87	31.53	8.90	40.24	47.06	74.00	-26.94	Horizontal			

Test mode:		802.11(n20)		Test channel:		Lowest		Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4824.00	35.89	31.53	8.90	40.24	36.08	54.00	-17.92	Vertical			
4824.00	36.51	31.53	8.90	40.24	36.70	54.00	-17.30	Horizontal			

Test mode:		802.11(n20)		Test channel:		Middle		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4874.00	45.03	31.58	8.98	40.15	45.44	74.00	-28.56	Vertical			
4874.00	46.21	31.58	8.98	40.15	46.62	74.00	-27.38	Horizontal			

Test mode:		802.11(n20)		Test channel:		Middle		Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4874.00	35.74	31.58	8.98	40.15	36.15	54.00	-17.85	Vertical			
4874.00	36.37	31.58	8.98	40.15	36.78	54.00	-17.22	Horizontal			

Test mode:		802.11(n20)		Test channel:		Highest		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4924.00	46.58	31.69	9.08	40.03	47.32	74.00	-26.68	Vertical			
4924.00	46.72	31.69	9.08	40.03	47.46	74.00	-26.54	Horizontal			

Test mode:		802.11(n20)		Test channel:		Highest		Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4924.00	36.13	31.69	9.08	40.03	36.87	54.00	-17.13	Vertical			
4924.00	35.83	31.69	9.08	40.03	36.57	54.00	-17.43	Horizontal			

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. “*”, means this data is the too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:		802.11(n40)		Test channel:		Lowest		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4844.00	45.55	31.53	8.90	40.24	45.74	74.00	-28.26	Vertical			
4844.00	48.12	31.53	8.90	40.24	48.31	74.00	-25.69	Horizontal			

Test mode:		802.11(n40)		Test channel:		Lowest		Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4844.00	35.36	31.53	8.90	40.24	35.55	54.00	-18.45	Vertical			
4844.00	35.15	31.53	8.90	40.24	35.34	54.00	-18.66	Horizontal			

Test mode:		802.11(n40)		Test channel:		Middle		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4874.00	46.32	31.58	8.98	40.15	46.73	74.00	-27.27	Vertical			
4874.00	46.71	31.58	8.98	40.15	47.12	74.00	-26.88	Horizontal			

Test mode:		802.11(n40)		Test channel:		Middle		Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4874.00	36.17	31.58	8.98	40.15	36.58	54.00	-17.42	Vertical			
4874.00	35.85	31.58	8.98	40.15	36.26	54.00	-17.74	Horizontal			

Test mode:		802.11(n40)		Test channel:		Highest		Remark:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4904.00	45.12	31.69	9.08	40.03	45.86	74.00	-28.14	Vertical			
4904.00	45.68	31.69	9.08	40.03	46.42	74.00	-27.58	Horizontal			

Test mode:		802.11(n40)		Test channel:		Highest		Remark:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Pol.			
4904.00	36.45	31.69	9.08	40.03	37.19	54.00	-16.81	Vertical			
4904.00	36.54	31.69	9.08	40.03	37.28	54.00	-16.72	Horizontal			

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. “*” means this data is too weak, instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.