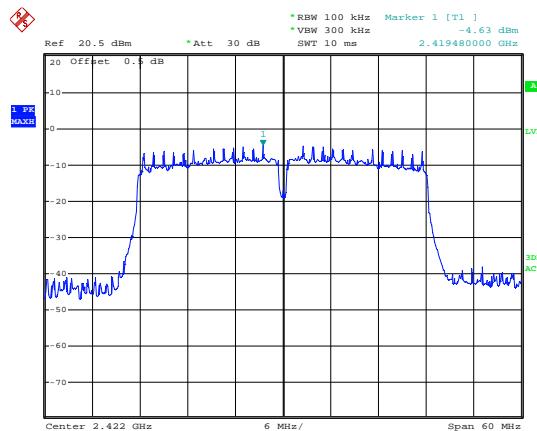
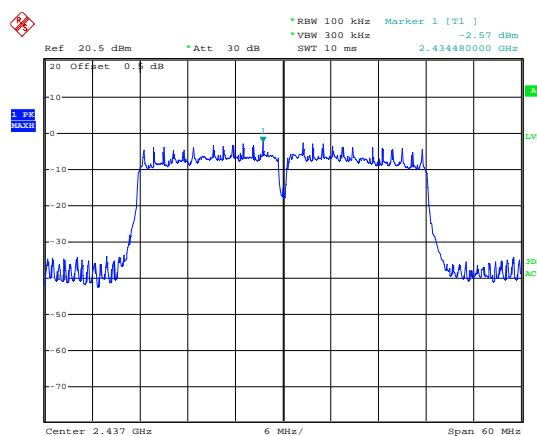


Test mode: 802.11n(H40)



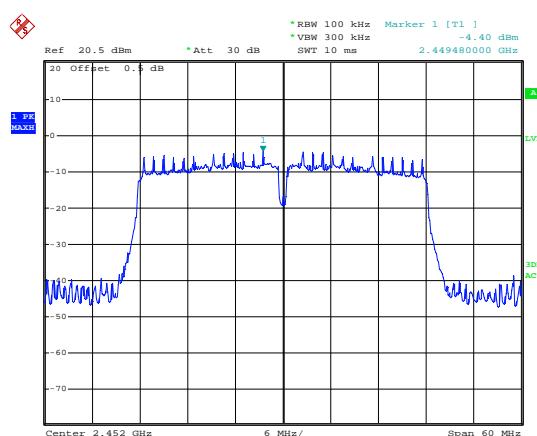
Date: 29.FEB.2016 13:32:45

Lowest channel



Date: 29.FEB.2016 13:33:08

Middle channel

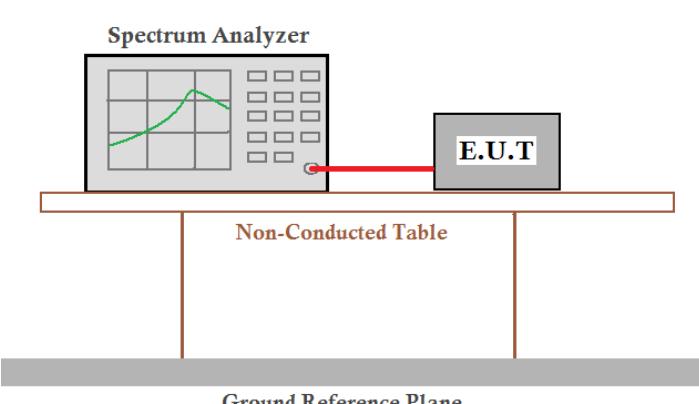


Date: 29.FEB.2016 13:33:30

Highest channel

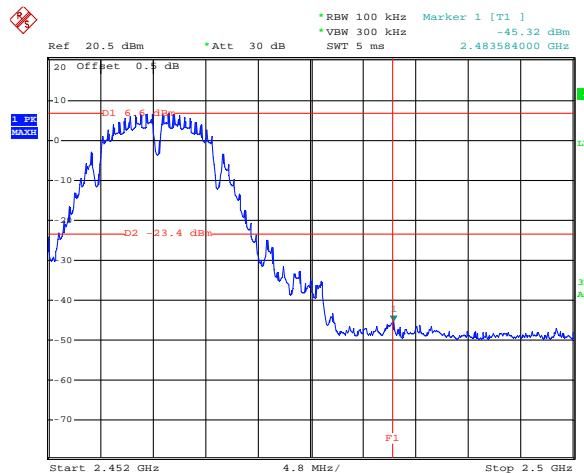
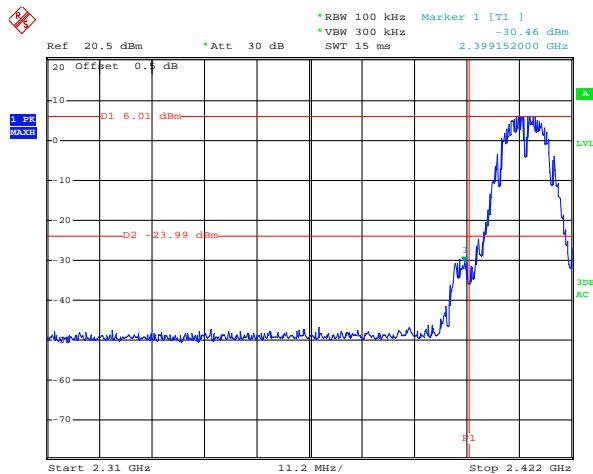
6.6 Band Edge

6.6.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2009 and KDB558074v03r03 section 13
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 30 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:	 <p>The diagram illustrates the test setup for conducted emission testing. A Spectrum Analyzer is connected to the E.U.T (Equipment Under Test) via a cable. The entire setup sits on a Non-Conducted Table, which is positioned above a Ground Reference Plane.</p>
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:

802.11b



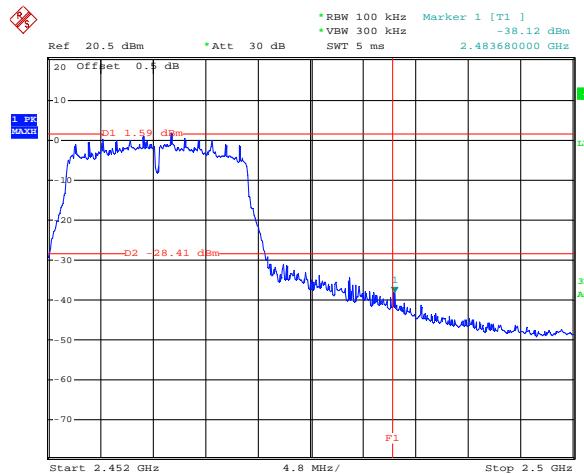
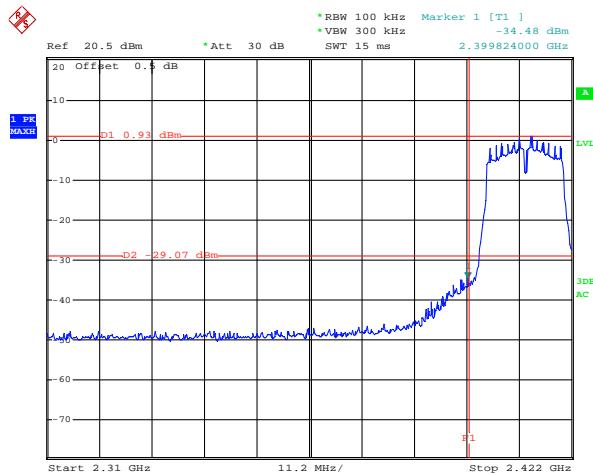
Date: 29.FEB.2016 13:18:48

Date: 29.FEB.2016 13:20:14

Lowest channel

Highest channel

802.11g



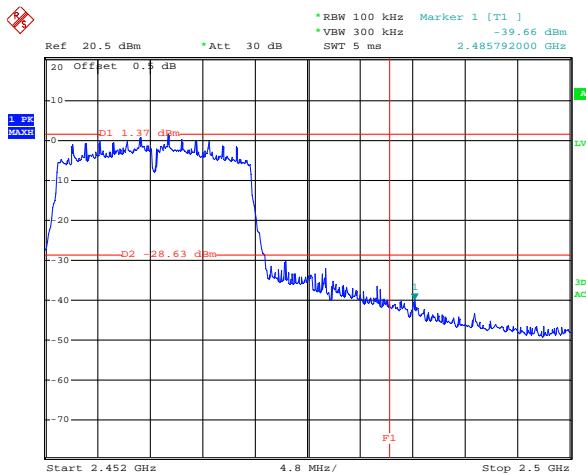
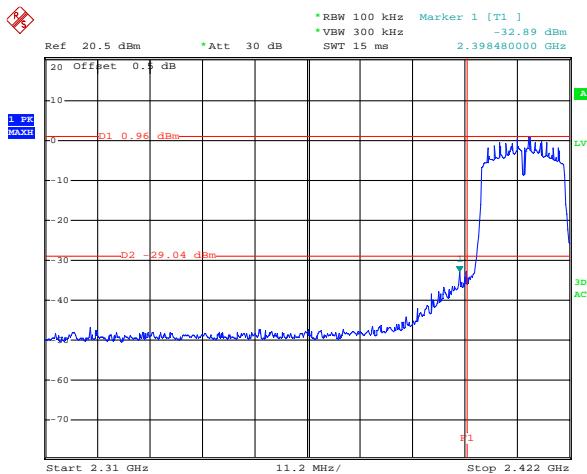
Date: 29.FEB.2016 13:17:51

Date: 29.FEB.2016 13:21:44

Lowest channel

Highest channel

802.11n(H20)



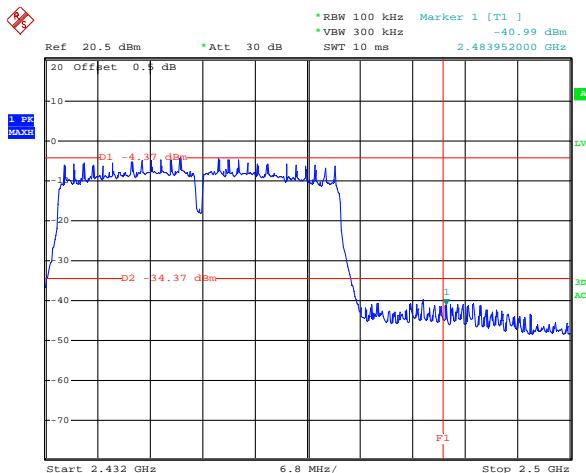
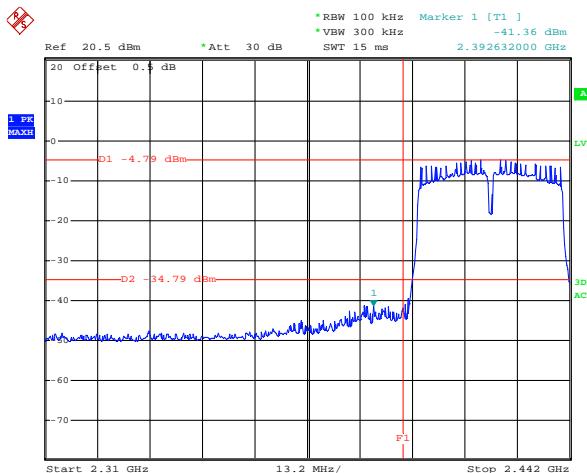
Date: 29.FEB.2016 13:16:50

Date: 29.FEB.2016 13:23:04

Lowest channel

Highest channel

802.11n(H40)



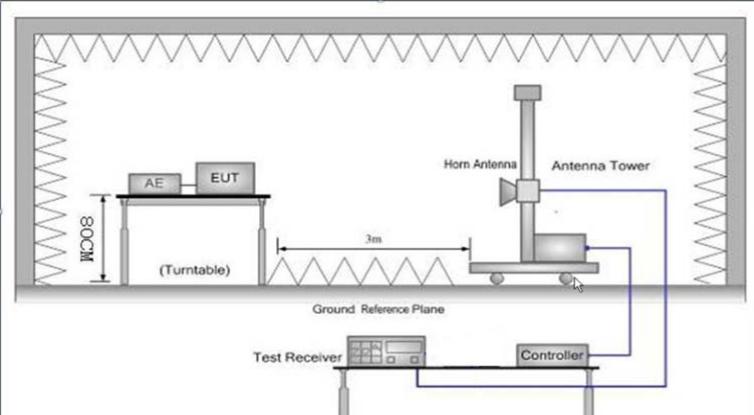
Date: 29.FEB.2016 13:15:51

Date: 29.FEB.2016 13:14:42

Lowest channel

Highest channel

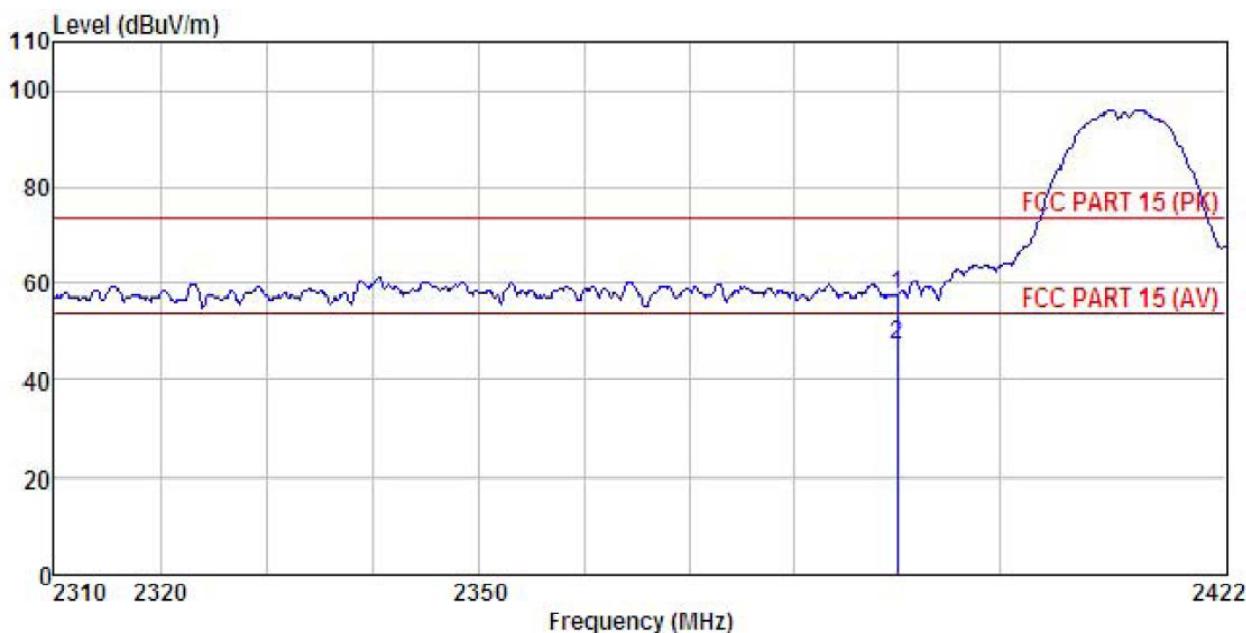
6.6.2 Radiated Emission Method

Test Requirement:	FCC Part 15 C Section 15.209 and 15.205																			
Test Method:	ANSI C63.10: 2009 and KDB 558074v03r03 section 12.1																			
Test Frequency Range:	2.3GHz to 2.5GHz																			
Test site:	Measurement Distance: 3m																			
Receiver setup:	<table border="1"> <thead> <tr> <th>Frequency</th> <th>Detector</th> <th>RBW</th> <th>VBW</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>Above 1GHz</td> <td>Peak</td> <td>1MHz</td> <td>3MHz</td> <td>Peak Value</td> </tr> <tr> <td></td> <td>RMS</td> <td>1MHz</td> <td>3MHz</td> <td>Average Value</td> </tr> </tbody> </table>					Frequency	Detector	RBW	VBW	Remark	Above 1GHz	Peak	1MHz	3MHz	Peak Value		RMS	1MHz	3MHz	Average Value
Frequency	Detector	RBW	VBW	Remark																
Above 1GHz	Peak	1MHz	3MHz	Peak Value																
	RMS	1MHz	3MHz	Average Value																
Limit:	<table border="1"> <thead> <tr> <th>Frequency</th> <th>Limit (dBuV/m @3m)</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>Above 1GHz</td> <td>54.00</td> <td>Average Value</td> </tr> <tr> <td></td> <td>74.00</td> <td>Peak Value</td> </tr> </tbody> </table>					Frequency	Limit (dBuV/m @3m)	Remark	Above 1GHz	54.00	Average Value		74.00	Peak Value						
Frequency	Limit (dBuV/m @3m)	Remark																		
Above 1GHz	54.00	Average Value																		
	74.00	Peak Value																		
Test Procedure:	<ol style="list-style-type: none"> 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. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 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. 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. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 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:																				
Test Instruments:	Refer to section 5.6 for details																			
Test mode:	Refer to section 5.3 for details																			
Test results:	Passed																			

802.11b

Test channel: Lowest

Horizontal:



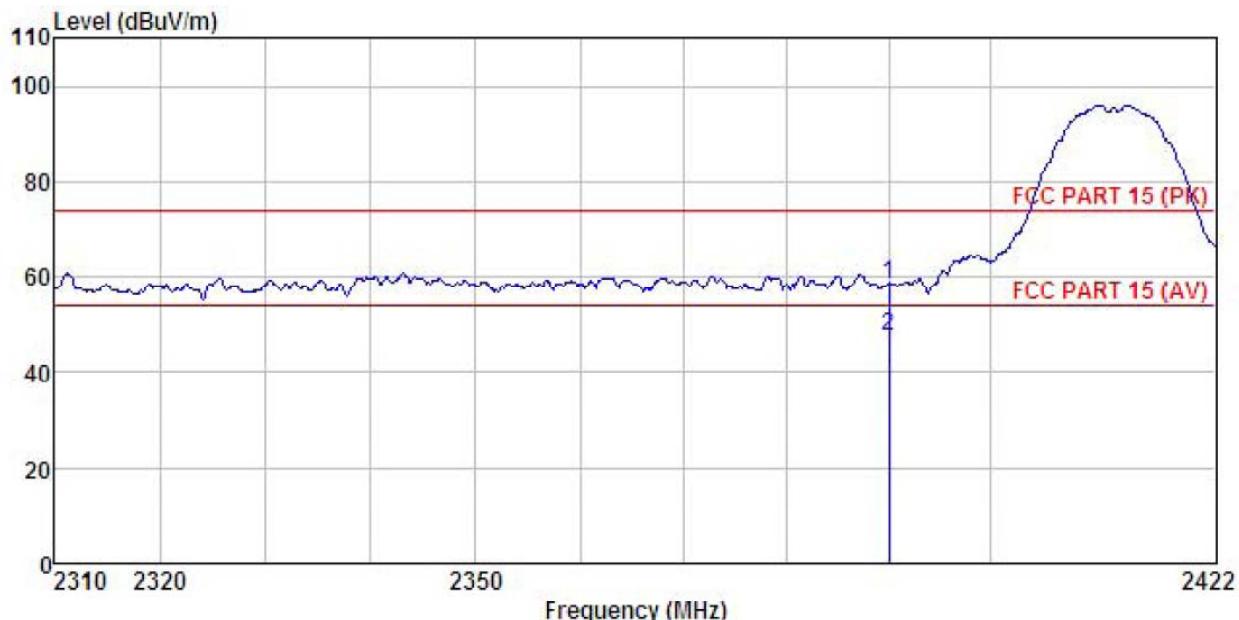
Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : Mobile Phone
Model : G0779
Test mode : B-L Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

Freq	Read	Antenna	Cable	Preamp	Limit	Over	Remark
	Level	Factor	Loss	Factor	Level	Line	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2390.000	27.49	23.68	6.63	0.00	57.80	74.00 -16.20 Peak
2	2390.000	17.27	23.68	6.63	0.00	47.58	54.00 -6.42 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.

Vertical:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
 EUT : Mobile Phone
 Model : G0779
 Test mode : B-L Mode
 Power Rating : AC120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Viki
 REMARK :

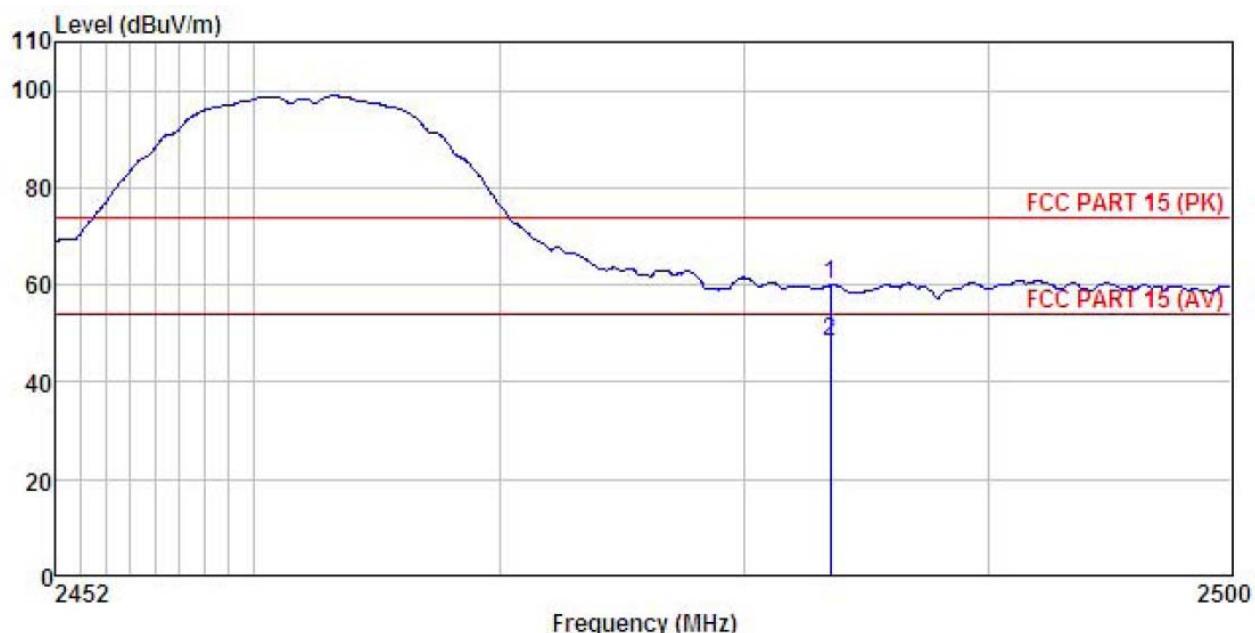
	Freq	Read	Antenna	Cable	Preamp	Limit	Over	Remark
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit
1	2390.000	28.31	23.68	6.63	0.00	58.62	74.00	-15.38 Peak
2	2390.000	17.26	23.68	6.63	0.00	47.57	54.00	-6.43 Average

Remark:

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

Test channel: Highest

Horizontal:



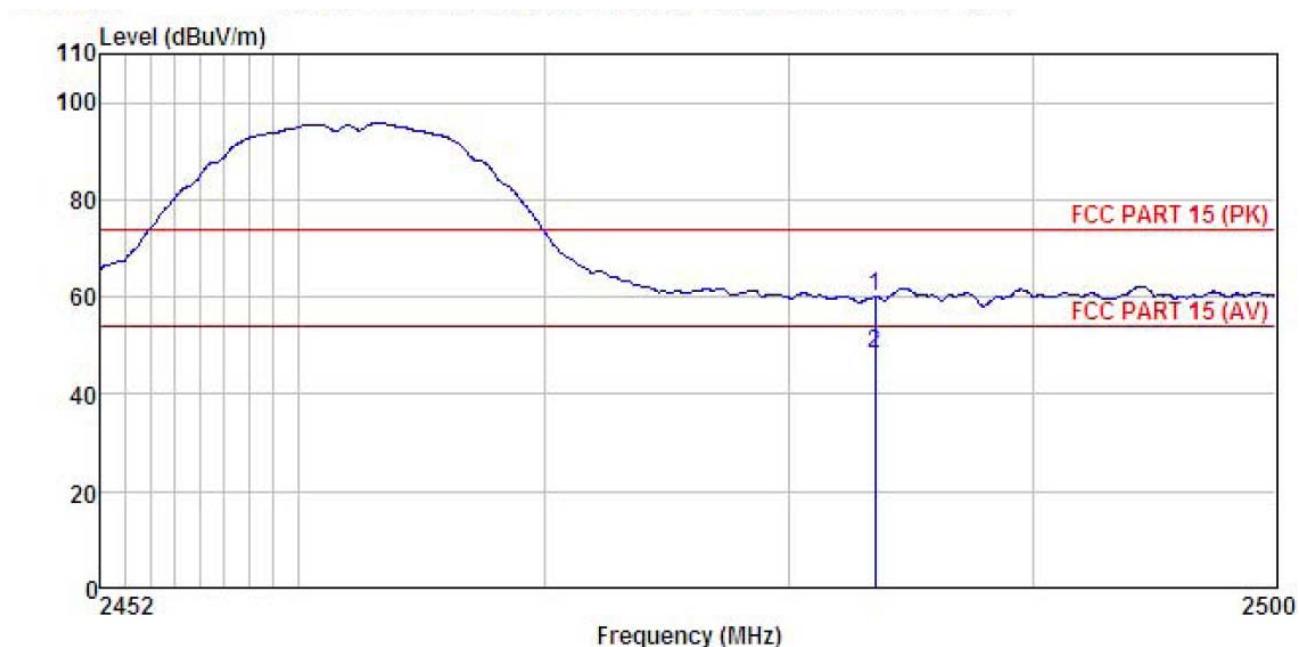
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
 EUT : Mobile Phone
 Model : G0779
 Test mode : B-H Mode
 Power Rating : AC120V/60Hz
 Environment : Temp:25.5°C Huni:55%
 Test Engineer: Viki
 REMARK :

Freq	Read	Antenna	Cable	Preamp	Limit	Over	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	
1	2483.500	29.41	23.70	6.85	0.00	59.96	74.00 -14.04 Peak
2	2483.500	17.86	23.70	6.85	0.00	48.41	54.00 -5.59 Average

Remark:

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

Vertical:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : Mobile Phone
Model : G0779
Test mode : B-H Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Humi:55%
Test Engineer: Viki
REMARK :

	ReadAntenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Level	Line	Limit
MHz	dBuV	dB/m	dB	dB	dBuV/m	dB
1	2483.500	29.42	23.70	6.85	0.00	59.97
2	2483.500	17.82	23.70	6.85	0.00	48.37
					74.00	-14.03
					54.00	-5.63
						Peak Average

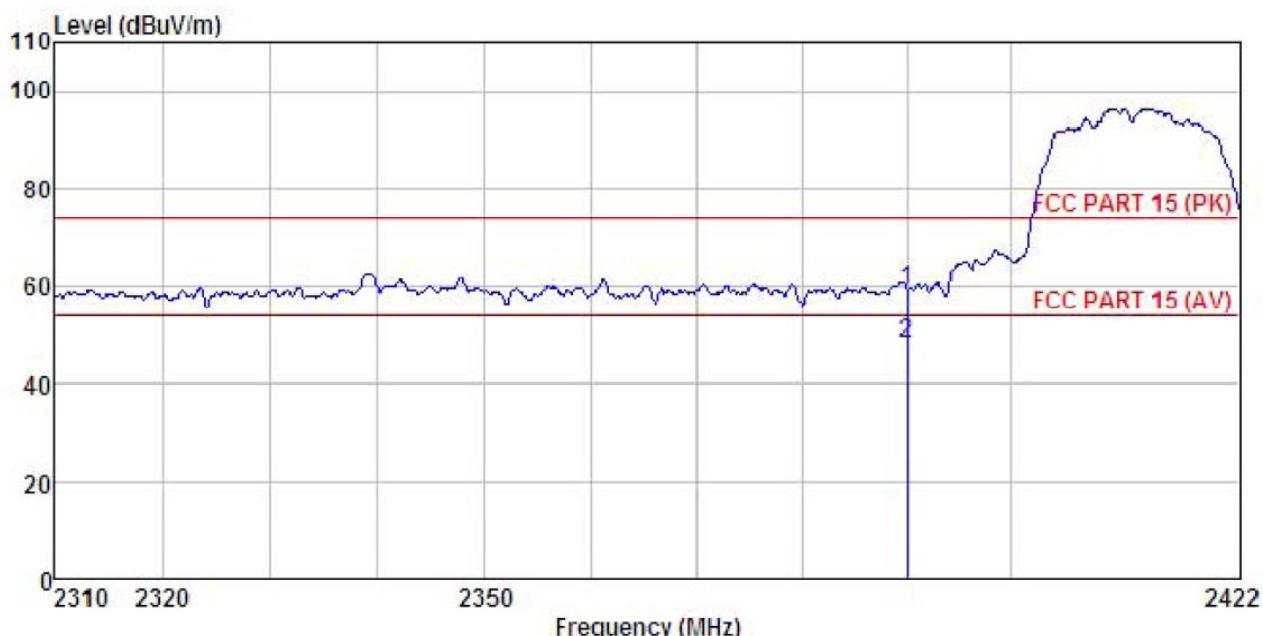
Remark:

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

802.11g

Test channel: Lowest

Horizontal:



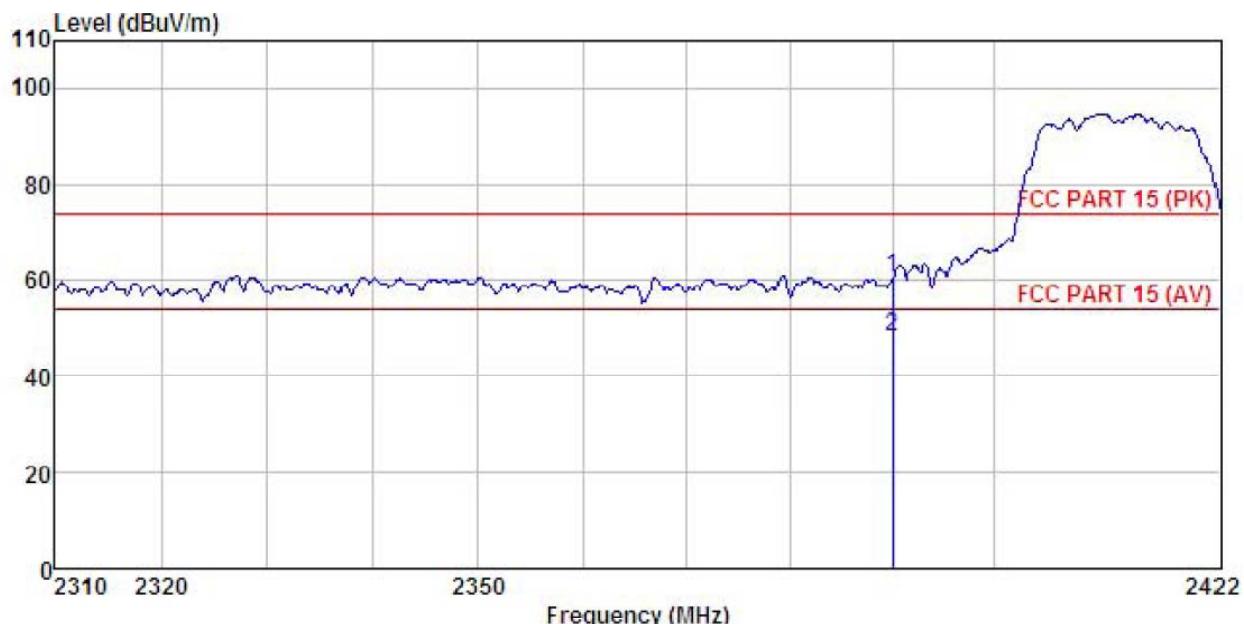
Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : Mobile Phone
Model : GOT79
Test mode : G-L Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

Freq	Read Level	Antenna Factor	Cable Loss	Preampl Factor	Line Level	Limit	Over Line Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 2390.000	29.00	23.68	6.63	0.00	59.31	74.00	-14.69	Peak
2 2390.000	17.83	23.68	6.63	0.00	48.14	54.00	-5.86	Average

Remark:

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

Vertical:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : Mobile Phone
Model : G0779
Test mode : G-L Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

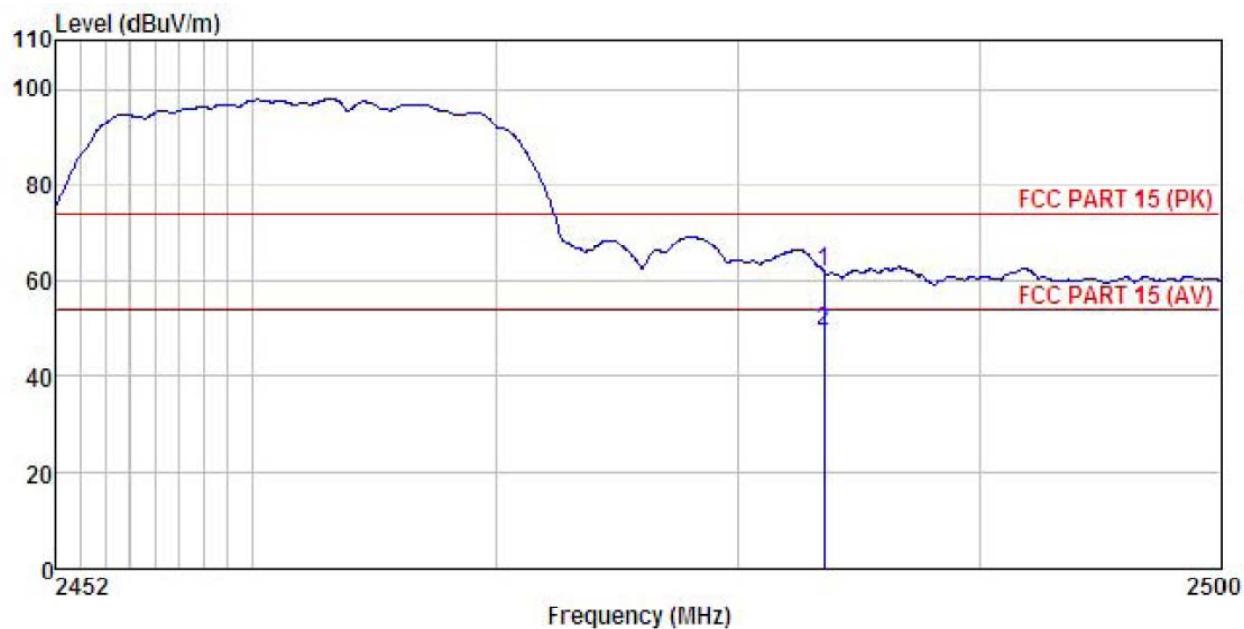
Freq	ReadAntenna		Cable Preamp		Limit Level	Over Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB				
1	2390.000	30.00	23.68	6.63	0.00	60.31	74.00	-13.69 Peak
2	2390.000	18.00	23.68	6.63	0.00	48.31	54.00	-5.69 Average

Remark:

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

Test channel: Highest

Horizontal:



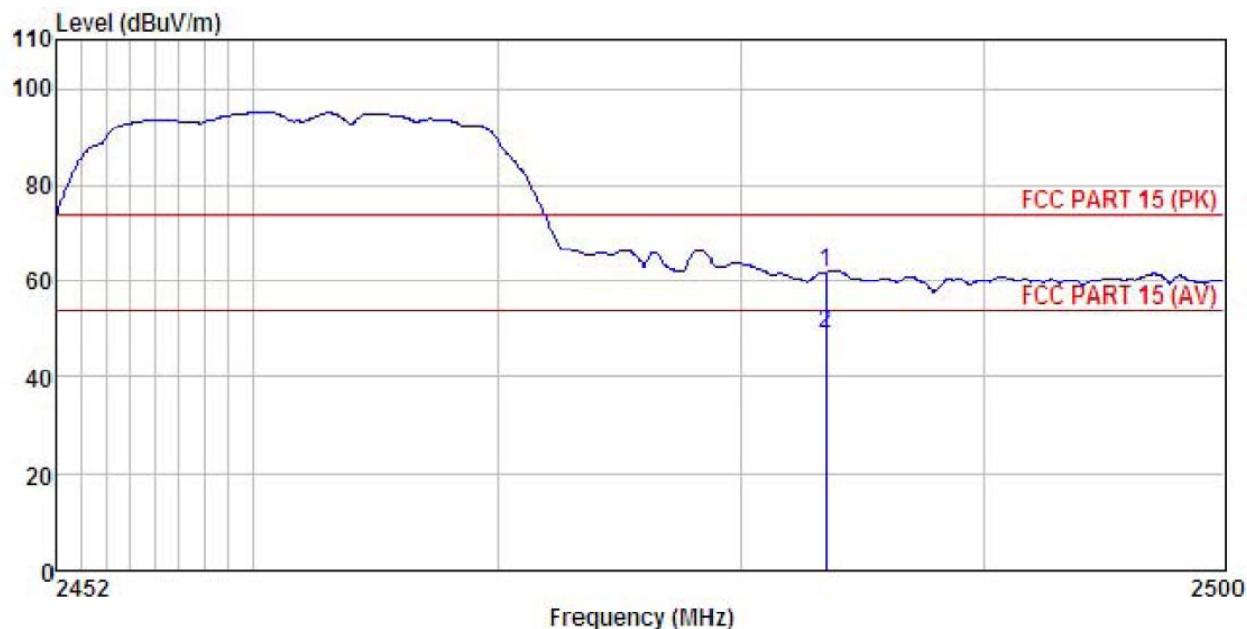
Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : Mobile Phone
Model : G0779
Test mode : G-H Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Humi:55%
Test Engineer: Viki
REMARK :

Freq	Read	Antenna	Cable	Preamp	Limit	Over	Remark
	MHz	Level	Factor	Loss	Factor	Line	
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	31.13	23.70	6.85	0.00	61.68	74.00 -12.32 Peak
2	2483.500	19.02	23.70	6.85	0.00	49.57	54.00 -4.43 Average

Remark:

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

Vertical:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
 EUT : Mobile Phone
 Model : G0779
 Test mode : G-H Mode
 Power Rating : AC120V/60Hz
 Environment : Temp:25.5°C Huni:55%
 Test Engineer: Viki
 REMARK :

	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	31.32	23.70	6.85	0.00	61.87	74.00	-12.13 Peak
2	2483.500	18.46	23.70	6.85	0.00	49.01	54.00	-4.99 Average

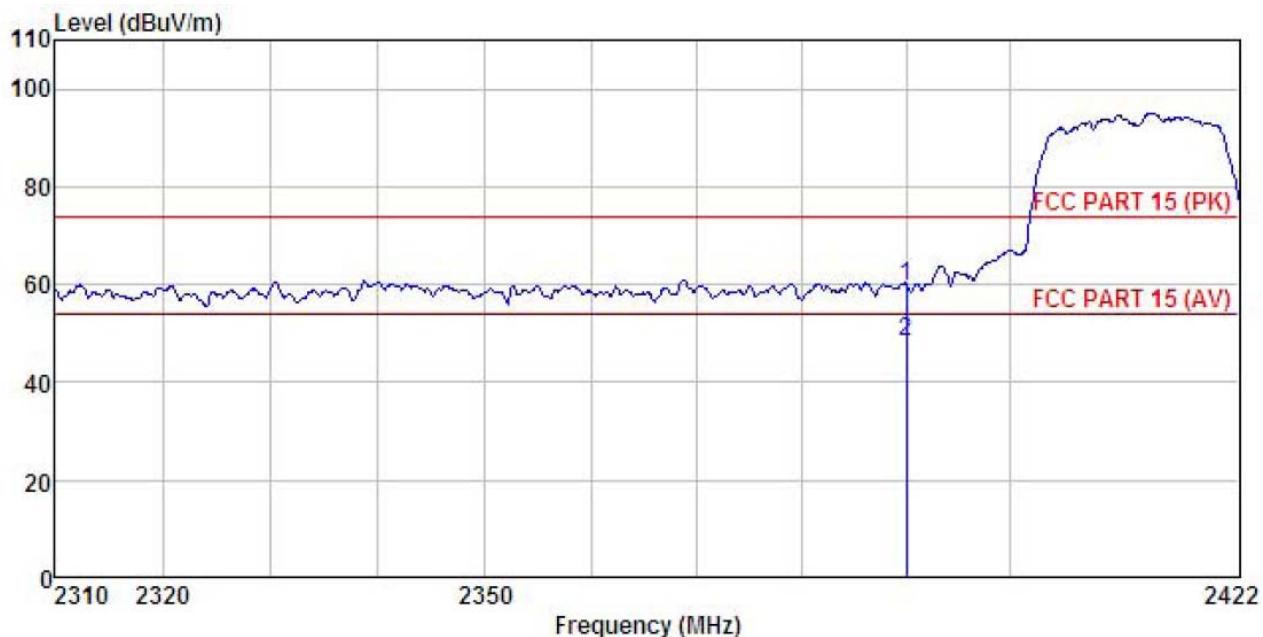
Remark:

- 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.

802.11n (H20)

Test channel: Lowest

Horizontal:



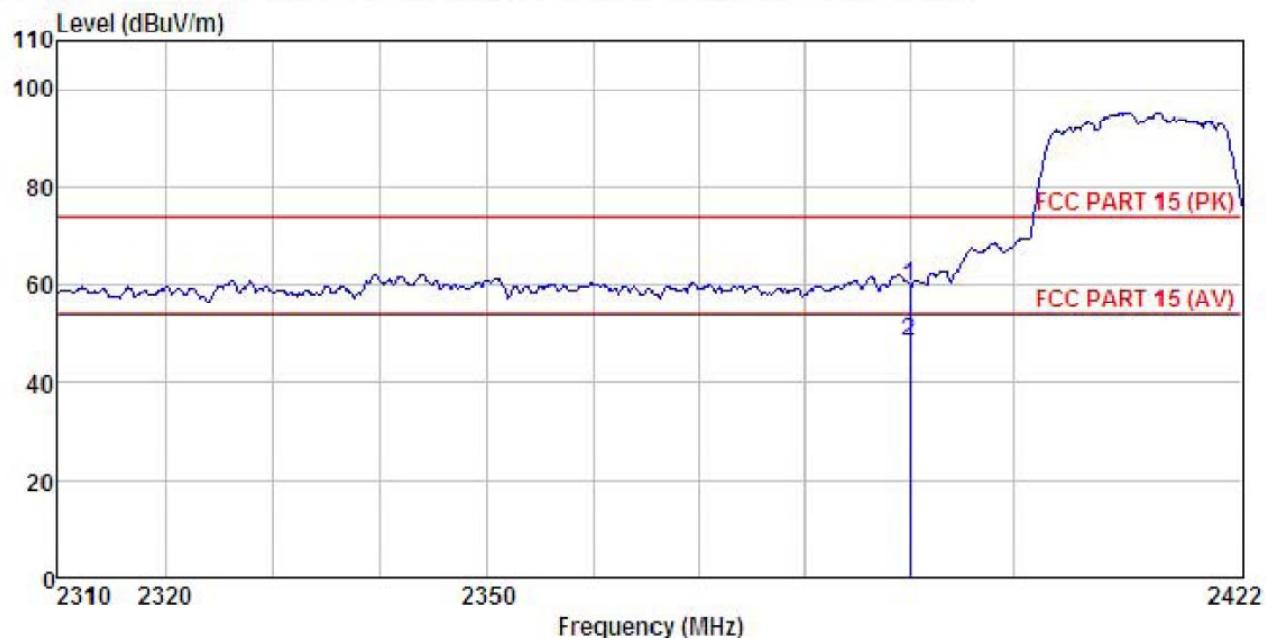
Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : Mobile Phone
Model : G0779
Test mode : N20-L Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

Freq	Read	Antenna	Cable	Preamp	Limit	Over	Remark
	Level	Factor	Loss	Factor	Level	Line	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2390.000	29.45	23.68	6.63	0.00	59.76	74.00 -14.24 Peak
2	2390.000	17.98	23.68	6.63	0.00	48.29	54.00 -5.71 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.

Vertical:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120 (1G18) VERTICAL
EUT : Mobile Phone
Model : G0779
Test mode : N20-L Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

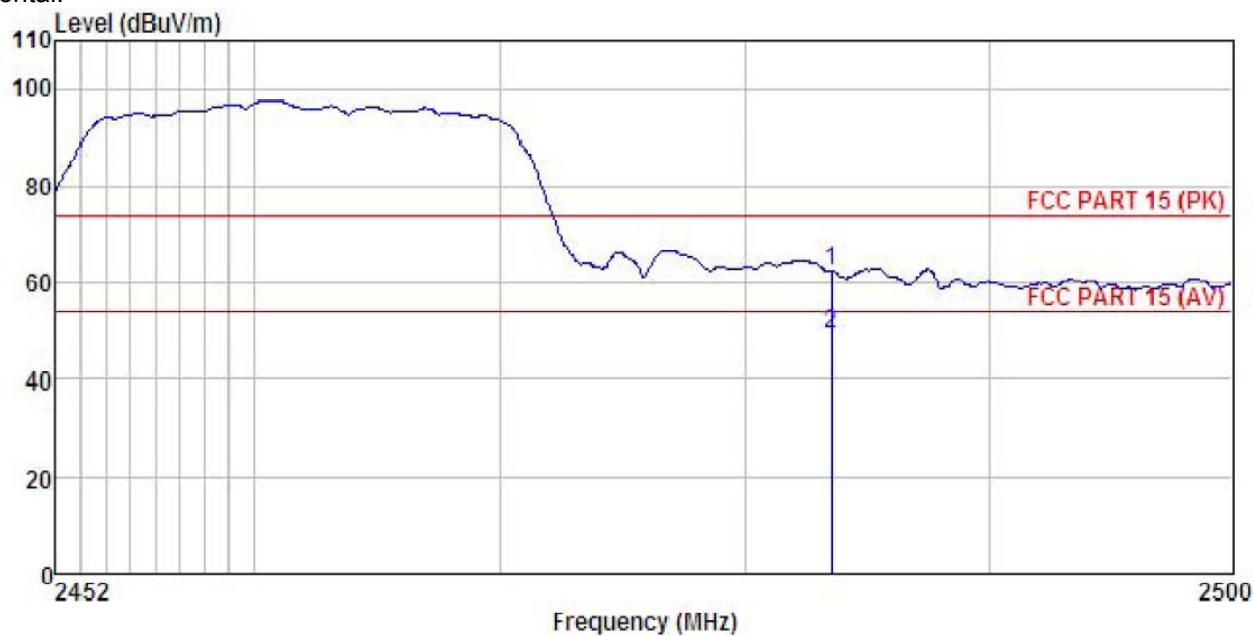
	ReadAntenna Freq	Cable Level	Preamp Factor	Limit Loss Factor	Over Level	Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	29.55	23.68	6.63	0.00	59.86	74.00	-14.14 Peak
2	2390.000	18.15	23.68	6.63	0.00	48.46	54.00	-5.54 Average

Remark:

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

Test channel: Highest

Horizontal:



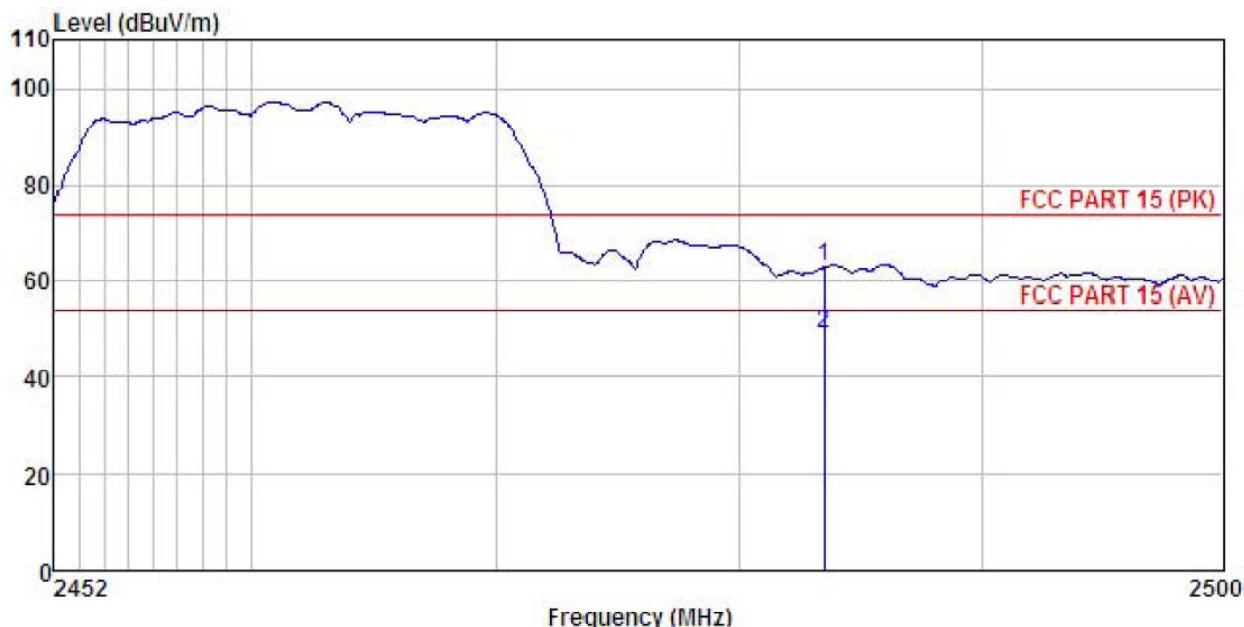
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
 EUT : Mobile Phone
 Model : G0779
 Test mode : N20-H Mode
 Power Rating : AC120W/60Hz
 Environment : Temp:25.5°C Huni:55%
 Test Engineer: Viki
 REMARK :

Freq	Read	Antenna	Cable	Preamp	Limit	Over	Remark
	MHz	dBuV	Factor	Loss Factor	Level	Line	
1	2483.500	31.98	23.70	6.85	0.00	62.53	74.00 -11.47 Peak
2	2483.500	18.93	23.70	6.85	0.00	49.48	54.00 -4.52 Average

Remark:

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

Vertical:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : Mobile Phone
Model : G0779
Test mode : N20-H Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

Freq	ReadAntenna	Cable	Preamp	Limit		Over	Remark
	Level	Factor	Loss	Factor	Level	Line	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	32.34	23.70	6.85	0.00	62.89	74.00 -11.11 Peak
2	2483.500	18.36	23.70	6.85	0.00	48.91	54.00 -5.09 Average

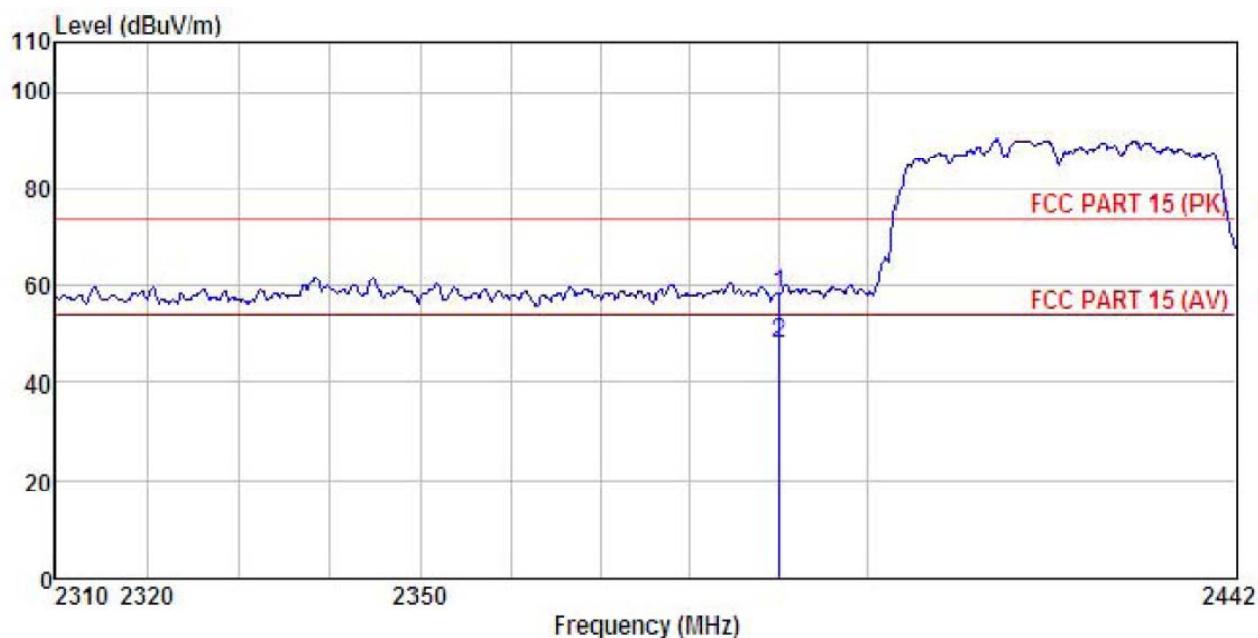
Remark:

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

802.11n (H40)

Test channel: Lowest

Horizontal:



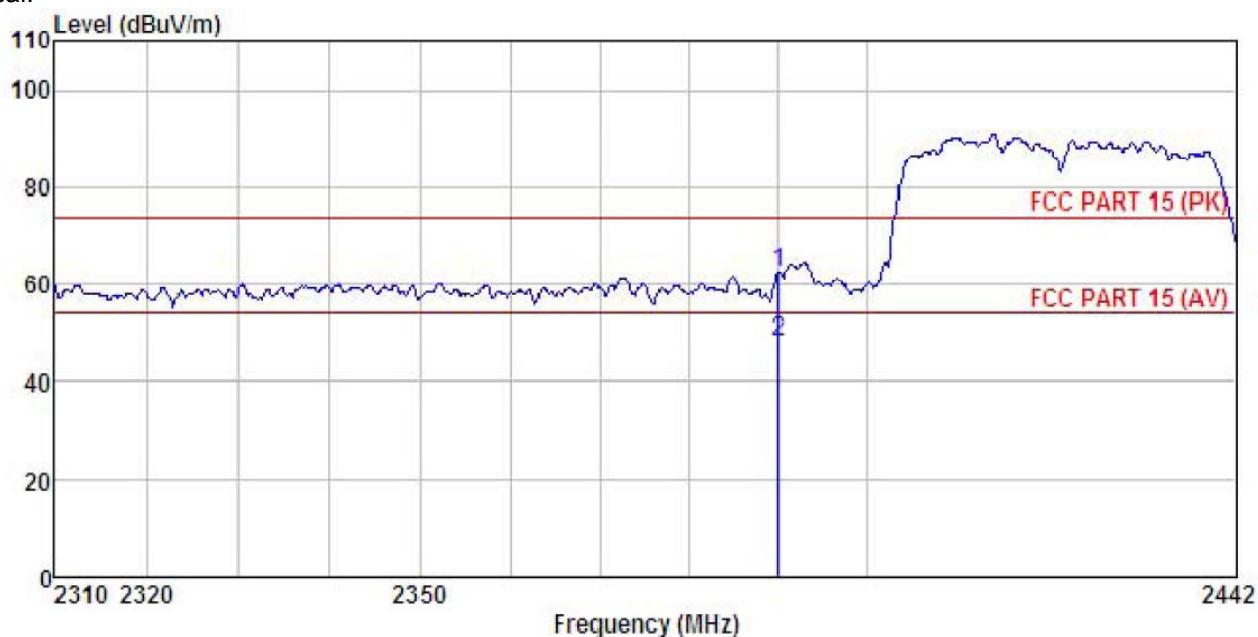
Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : Mobile Phone
Model : G0779
Test mode : N40-L Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

Freq	Read	Antenna	Cable	Preampl	Limit	Over	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	
1	2390.000	28.05	23.68	6.63	0.00	58.36	74.00 -15.64 Peak
2	2390.000	17.87	23.68	6.63	0.00	48.18	54.00 -5.82 Average

Remark:

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

Vertical:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120 (1G18) VERTICAL

EUT : Mobile Phone

Model : G0779

Test mode : N40-L Mode

Power Rating : AC120V/60Hz

Environment : Temp:25.5°C Huni:55%

Test Engineer: Viki

REMARK :

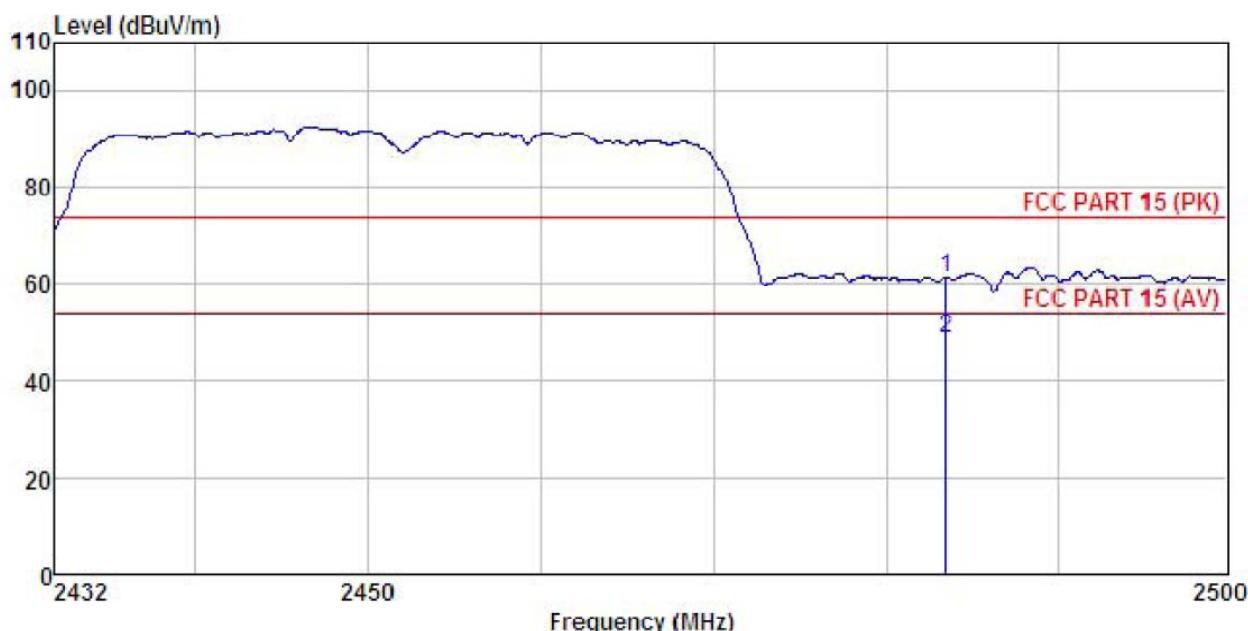
	Read	Antenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2390.000	32.10	23.68	6.63	0.00	62.41	74.00 -11.59 Peak
2	2390.000	17.86	23.68	6.63	0.00	48.17	54.00 -5.83 Average

Remark:

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

Test channel: Highest

Horizontal:



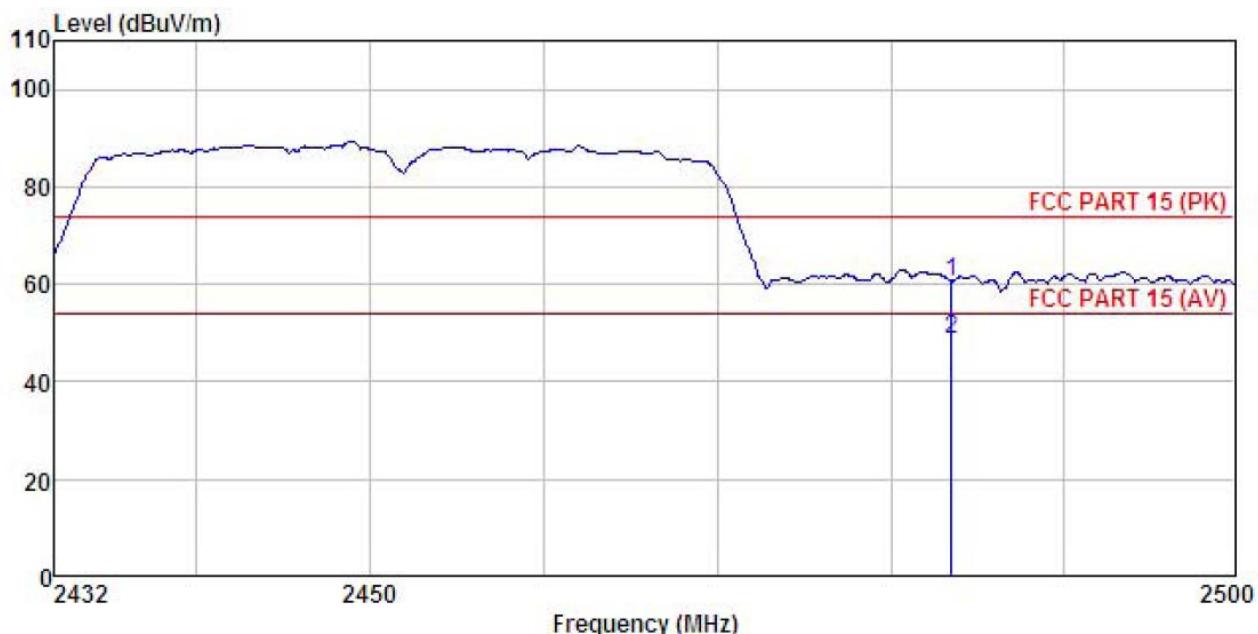
Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : Mobile Phone
Model : G0779
Test mode : N40-H Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

	Read	Antenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	30.75	23.70	6.85	0.00	61.30	74.00 -12.70 Peak
2	2483.500	18.29	23.70	6.85	0.00	48.84	54.00 -5.16 Average

Remark:

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

Vertical:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : Mobile Phone
Model : G0779
Test mode : N40-H Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK :

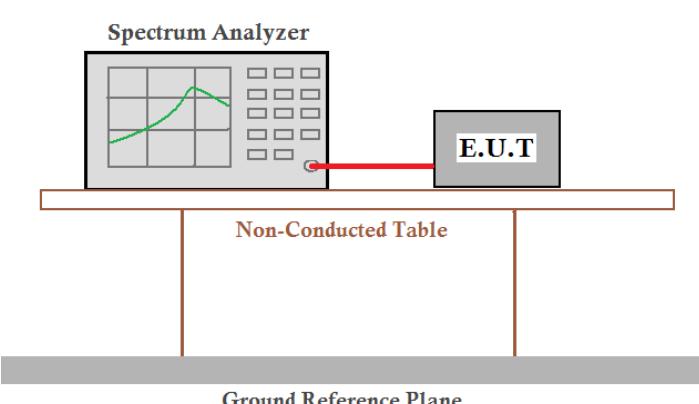
	Read	Antenna	Cable	Preampl	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	30.06	23.70	6.85	0.00	60.61	74.00 -13.39 Peak
2	2483.500	18.06	23.70	6.85	0.00	48.61	54.00 -5.39 Average

Remark:

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

6.7 Spurious Emission

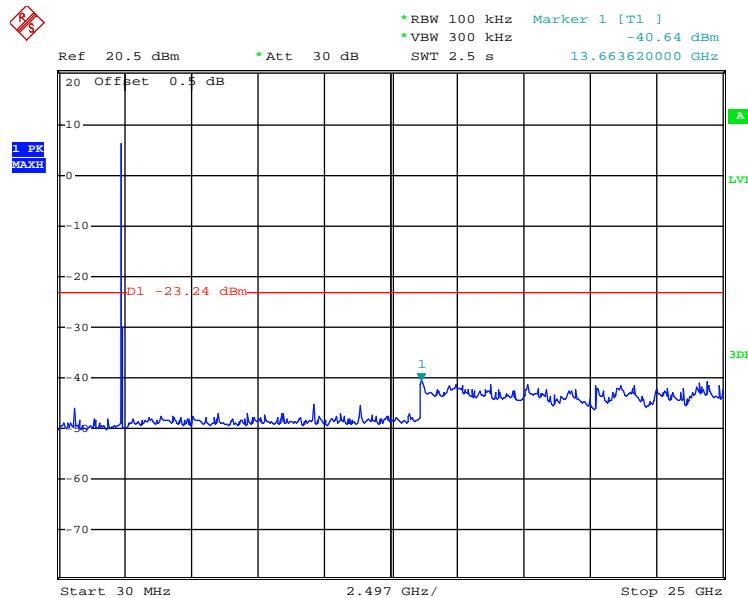
6.7.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2009 and KDB558074 section 11
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:	 <p>The diagram illustrates the test setup for conducted emission testing. A Spectrum Analyzer is connected to the E.U.T (Equipment Under Test) via a cable. The entire setup sits on a Non-Conducted Table, which is positioned above a Ground Reference Plane.</p>
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

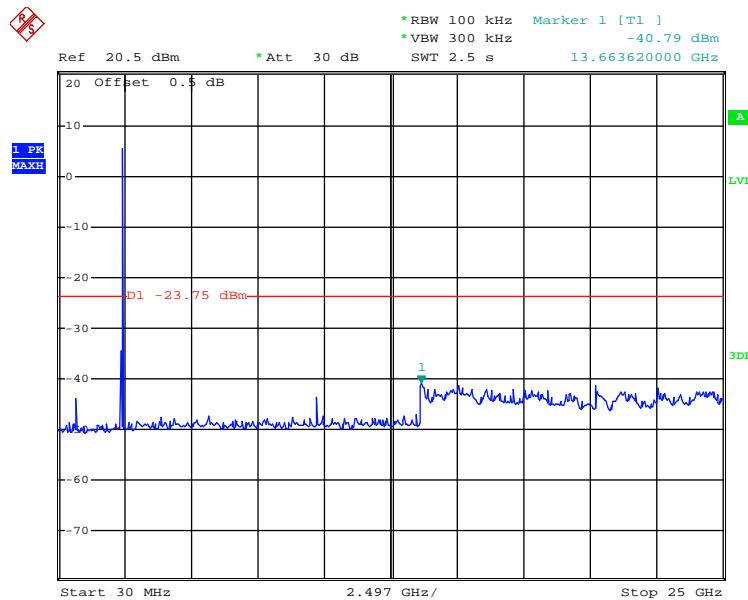
Lowest channel



Date: 29.FEB.2016 03:29:35

30MHz~25GHz

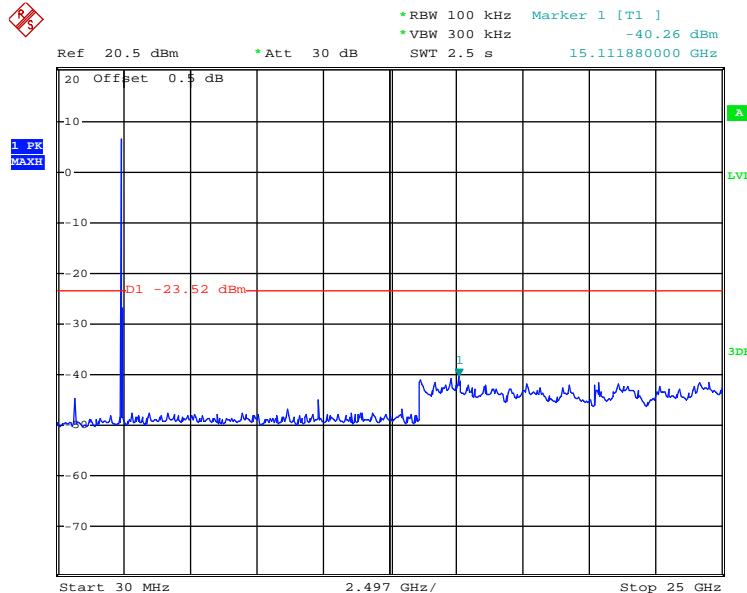
Middle channel



Date: 29.FEB.2016 03:30:17

30MHz~25GHz

Highest channel

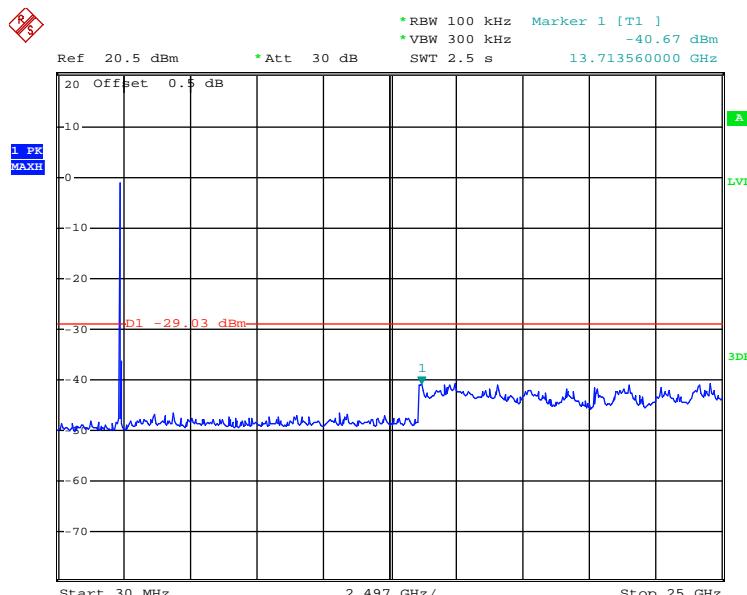


Date: 29.FEB.2016 03:30:47

30MHz~25GHz

Test mode: 802.11g

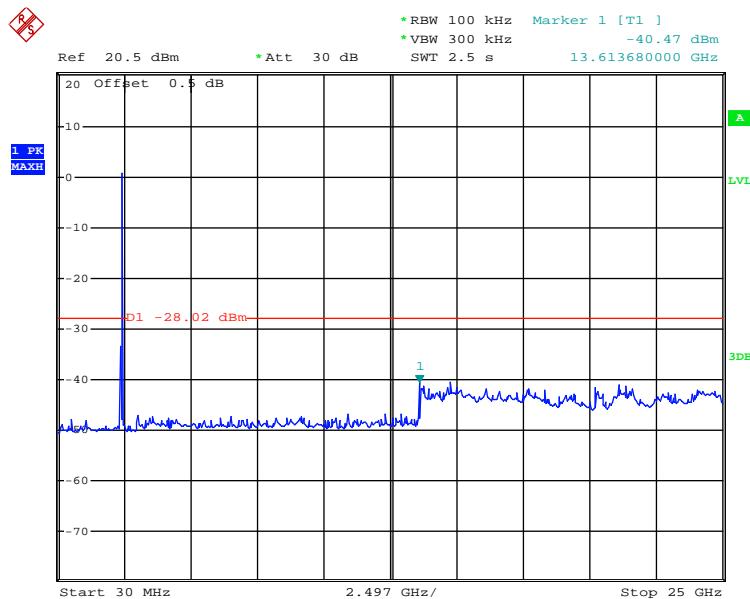
Lowest channel



Date: 29.FEB.2016 03:31:56

30MHz~25GHz

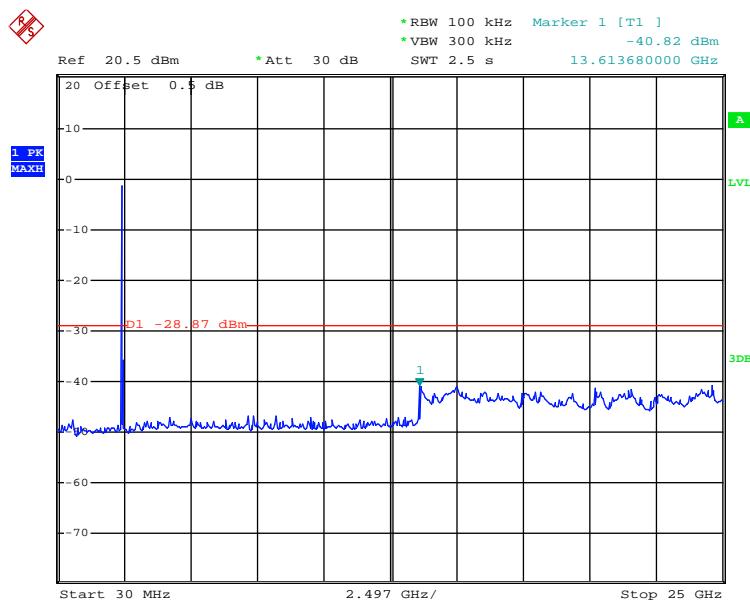
Middle channel



Date: 29.FEB.2016 03:32:29

30MHz~25GHz

Highest channel

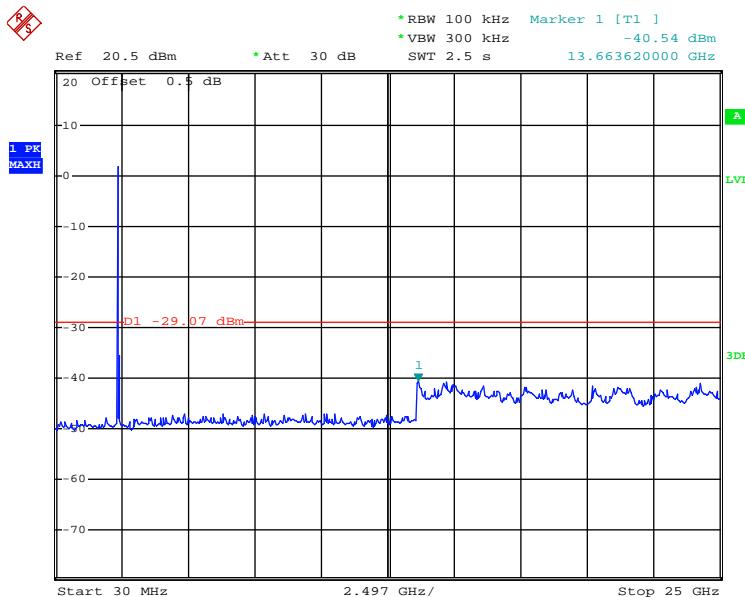


Date: 29.FEB.2016 03:33:06

30MHz~25GHz

Test mode: 802.11n(H20)

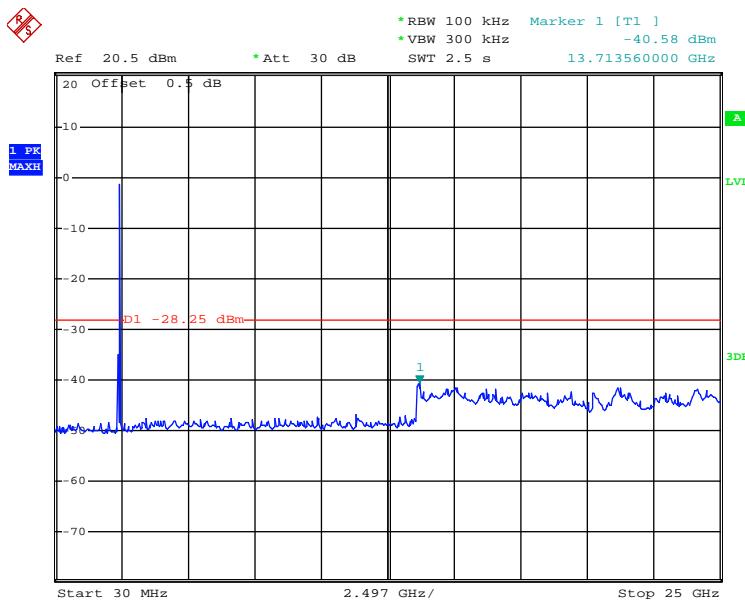
Lowest channel



Date: 29.FEB.2016 03:34:01

30MHz~25GHz

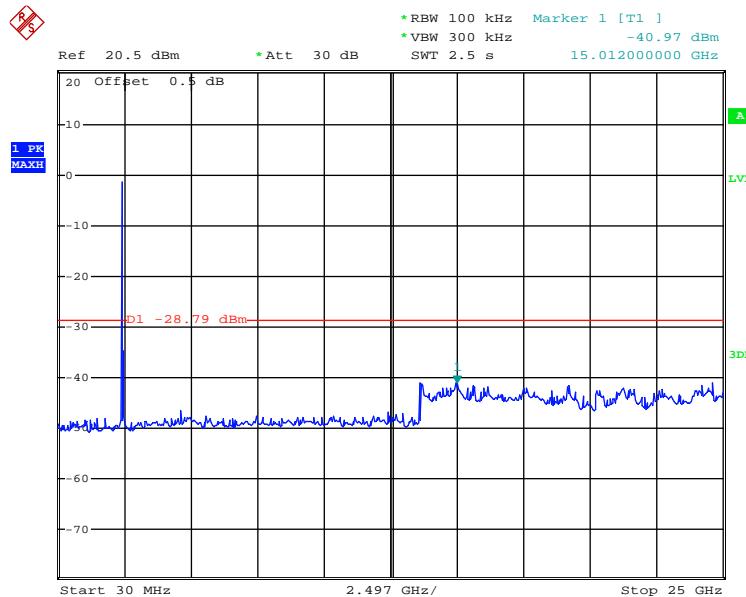
Middle channel



Date: 29.FEB.2016 03:34:26

30MHz~25GHz

Highest channel

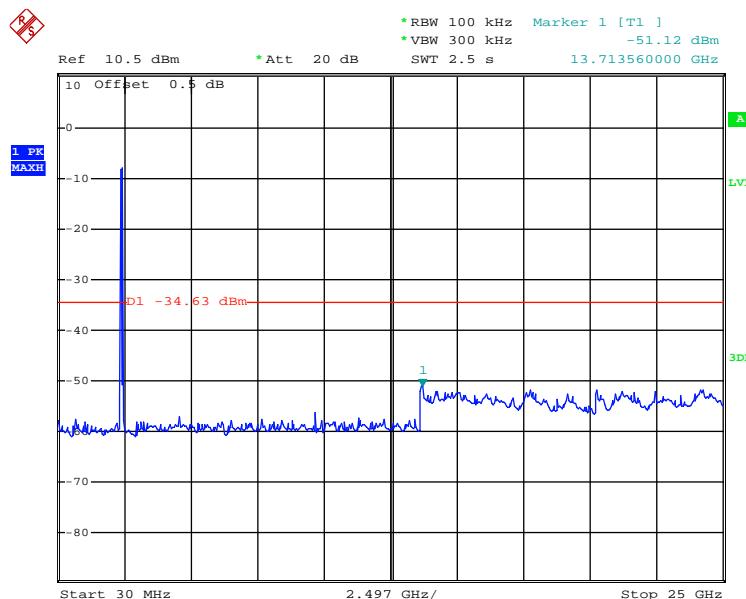


Date: 29.FEB.2016 03:34:50

30MHz~25GHz

Test mode: 802.11n(H40)

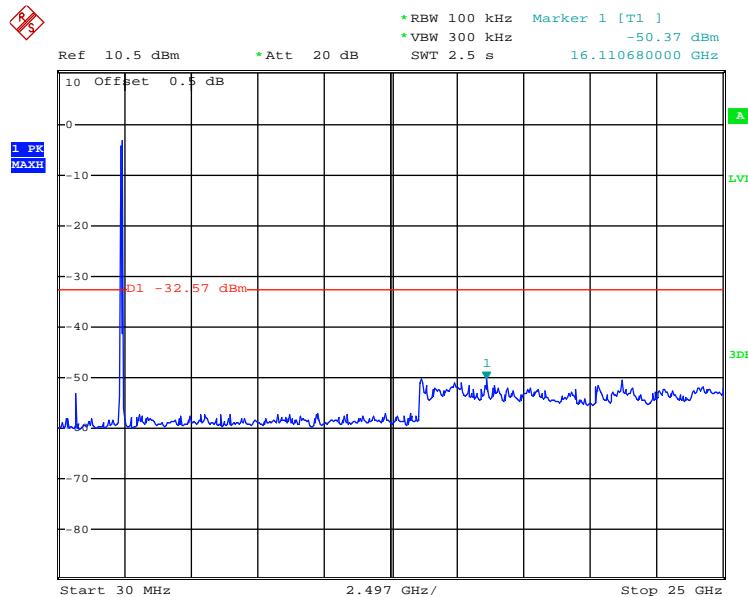
Lowest channel



Date: 29.FEB.2016 03:35:34

30MHz~25GHz

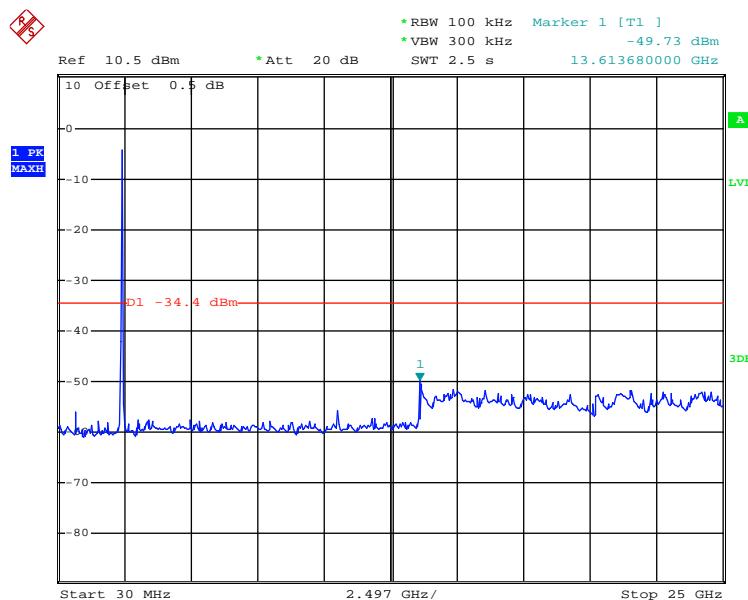
Middle channel



Date: 29.FEB.2016 03:36:17

30MHz~25GHz

Highest channel



Date: 29.FEB.2016 03:36:53

30MHz~25GHz

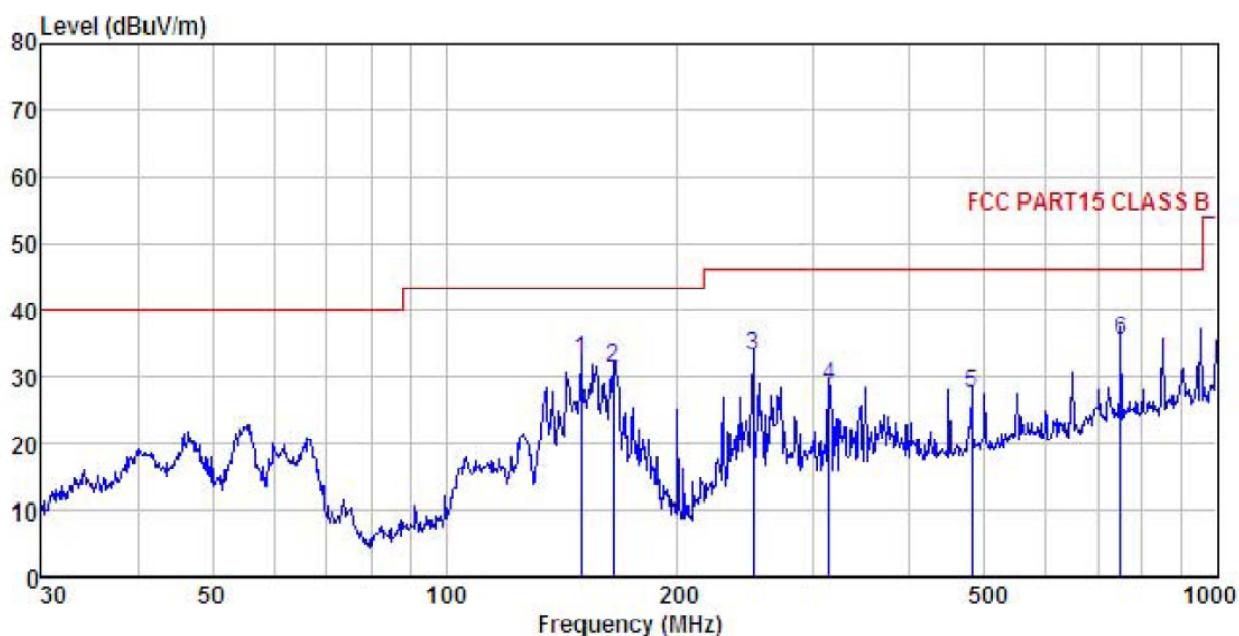
6.7.2 Radiated Emission Method

Test Requirement:	FCC Part 15 C Section 15.209 and 15.205				
Test Method:	ANSI C63.10:2009				
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
Limit:	RMS	1MHz	3MHz	Average Value	
	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:	<ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 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. 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. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 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:	<p>Below 1GHz</p> <p>Above 1GHz</p>
Test Uncertainty:	±4.88 dB
Test Instruments:	Refer to section 5.6 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	<ol style="list-style-type: none"> Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case. 9 kHz to 30MHz is too low, so only shows the data of above 30MHz in this report.

Below 1GHz

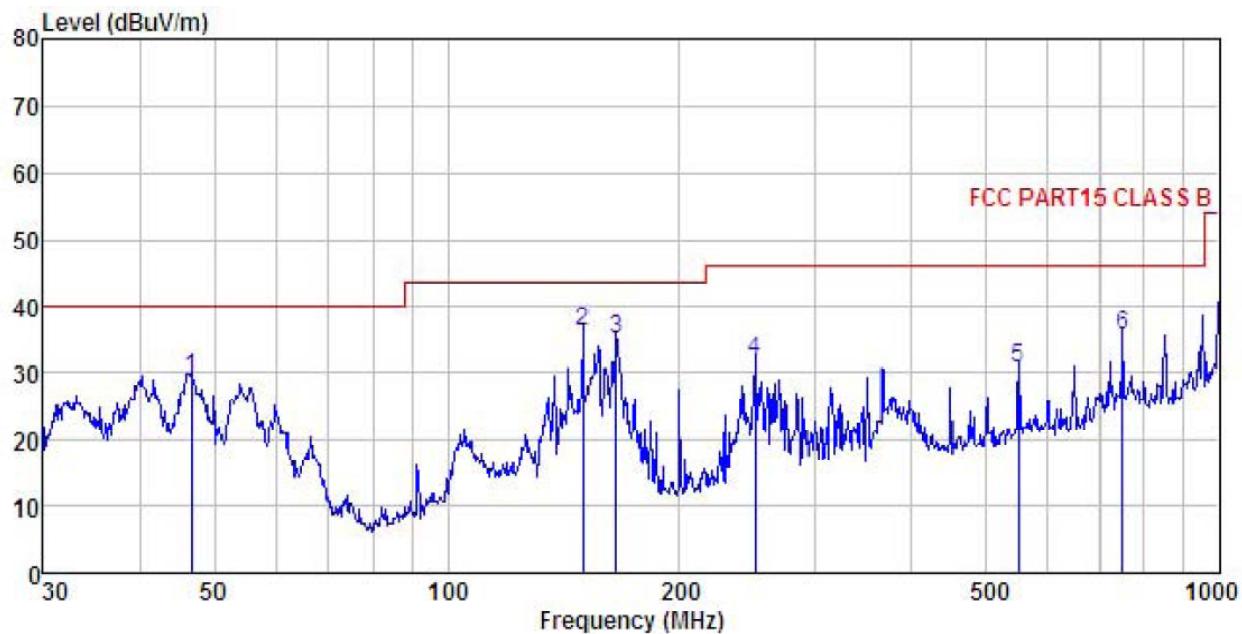
Horizontal :



Site : 3m chamber
Condition : FCC PART15 CLASS B 3m VULB9163(30M3G) HORIZONTAL
EUT : Mobile Phone
Model : G0779
Test mode : WIFI Mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Wiki
REMARK :

	Freq	ReadAntenna Level	Cable Factor	Preamp Loss	Limit Factor	Level	Line Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	150.011	48.55	10.64	2.52	29.22	32.49	43.50	-11.01	QP
2	164.908	47.95	9.85	2.62	29.09	31.33	43.50	-12.17	QP
3	250.301	46.96	11.88	2.81	28.54	33.11	46.00	-12.89	QP
4	314.377	41.08	13.12	2.98	28.48	28.70	46.00	-17.30	QP
5	480.528	36.23	16.57	3.46	28.92	27.34	46.00	-18.66	QP
6	750.108	39.18	20.40	4.36	28.48	35.46	46.00	-10.54	QP

Vertical :



Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163 (30M3G) VERTICAL
 EUT : Mobile Phone
 Model : GO779
 Test mode : WIFI Mode
 Power Rating : AC120V/60Hz
 Environment : Temp:25.5°C Huni:55%
 Test Engineer: Viki
 REMARK :

	Freq	ReadAntenna Level	Cable Factor	Preamp Loss	Limit Factor	Line Level	Over Line Limit	Over Remark
	MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1	46.666	40.92	16.83	1.28	29.85	29.18	40.00	-10.82 QP
2	150.011	52.25	10.64	2.52	29.22	36.19	43.50	-7.31 QP
3	165.487	51.68	9.84	2.62	29.09	35.05	43.50	-8.45 QP
4	250.301	45.75	11.88	2.81	28.54	31.90	46.00	-14.10 QP
5	550.948	37.79	18.10	3.89	29.10	30.68	46.00	-15.32 QP
6	750.108	39.54	20.40	4.36	28.48	35.82	46.00	-10.18 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)	Polar.
4824.00	45.46	36.12	10.60	40.22	51.96	74.00	-22.04	Vertical
4824.00	47.06	36.12	10.60	40.22	53.56	74.00	-20.44	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)	Polar.
4824.00	37.19	36.12	10.60	40.22	43.69	54.00	-10.31	Vertical
4824.00	38.65	36.12	10.60	40.22	45.15	54.00	-8.85	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)	Polar.
4874.00	45.96	36.32	10.64	40.15	52.77	74.00	-21.23	Vertical
4874.00	45.45	36.32	10.64	40.15	52.26	74.00	-21.74	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)	Polar.
4874.00	37.54	36.32	10.64	40.15	44.35	54.00	-9.65	Vertical
4874.00	37.51	36.32	10.64	40.15	44.32	54.00	-9.68	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)	Polar.
4924.00	45.69	36.58	10.70	40.08	52.89	74.00	-21.11	Vertical
4924.00	45.42	36.58	10.70	40.08	52.62	74.00	-21.38	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)	Polar.
4924.00	36.53	36.58	10.70	40.08	43.73	54.00	-10.27	Vertical
4924.00	37.44	36.58	10.70	40.08	44.64	54.00	-9.36	Horizontal

Remark:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. 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/)	Limit Line (dBuV/m)	Over Limit (dB)	Polar.
4824.00	44.77	36.12	10.60	40.22	51.27	74.00	-22.73	Vertical
4824.00	45.65	36.12	10.60	40.22	52.15	74.00	-21.85	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/)	Limit Line (dBuV/m)	Over Limit (dB)	Polar.
4824.00	34.25	36.12	10.60	40.22	40.75	54.00	-13.25	Vertical
4824.00	37.21	36.12	10.60	40.22	43.71	54.00	-10.29	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/)	Limit Line (dBuV/m)	Over Limit (dB)	Polar.
4874.00	45.81	36.32	10.64	40.15	52.62	74.00	-21.38	Vertical
4874.00	45.79	36.32	10.64	40.15	52.60	74.00	-21.40	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/)	Limit Line (dBuV/m)	Over Limit (dB)	Polar.
4874.00	35.21	36.32	10.64	40.15	42.02	54.00	-11.98	Vertical
4874.00	36.74	36.32	10.64	40.15	43.55	54.00	-10.45	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)	Polar.
4924.00	45.64	36.58	10.70	40.08	52.84	74.00	-21.16	Vertical
4924.00	45.33	36.58	10.70	40.08	52.53	74.00	-21.47	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)	Polar.
4924.00	36.51	36.58	10.70	40.08	43.71	54.00	-10.29	Vertical
4924.00	37.38	36.58	10.70	40.08	44.58	54.00	-9.42	Horizontal

Remark:

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

Test mode: 802.11n(H20)			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)	Polar.
4824.00	44.58	36.12	10.60	40.22	51.08	74.00	-22.92	Vertical
4824.00	45.71	36.12	10.60	40.22	52.21	74.00	-21.79	Horizontal
Test mode: 802.11n(H20)			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)	Polar.
4824.00	34.61	36.12	10.60	40.22	41.11	54.00	-12.89	Vertical
4824.00	37.23	36.12	10.60	40.22	43.73	54.00	-10.27	Horizontal

Test mode: 802.11n(H20)			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)	Polar.
4874.00	45.78	36.32	10.64	40.15	52.59	74.00	-21.41	Vertical
4874.00	45.43	36.32	10.64	40.15	52.24	74.00	-21.76	Horizontal
Test mode: 802.11n(H20)			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)	Polar.
4874.00	35.33	36.32	10.64	40.15	42.14	54.00	-11.86	Vertical
4874.00	36.54	36.32	10.64	40.15	43.35	54.00	-10.65	Horizontal

Test mode: 802.11n(H20)			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)	Polar.
4924.00	45.58	36.58	10.70	40.08	52.78	74.00	-21.22	Vertical
4924.00	45.12	36.58	10.70	40.08	52.32	74.00	-21.68	Horizontal
Test mode: 802.11n(H20)			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)	Polar.
4924.00	36.63	36.58	10.70	40.08	43.83	54.00	-10.17	Vertical
4924.00	37.29	36.58	10.70	40.08	44.49	54.00	-9.51	Horizontal

Remark:

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

Test mode: 802.11n(H40)			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)	Polar.
4844.00	44.67	36.19	10.61	40.19	51.28	74.00	-22.72	Vertical
4844.00	45.57	36.25	10.61	40.17	52.26	74.00	-21.74	Horizontal
Test mode: 802.11n(H40)			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)	Polar.
4844.00	34.72	36.19	10.61	40.19	41.33	54.00	-12.67	Vertical
4844.00	37.35	36.25	10.61	40.17	44.04	54.00	-9.96	Horizontal

Test mode: 802.11n(H40)			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)	Polar.
4874.00	45.92	31.57	10.63	40.17	47.95	74.00	-26.05	Vertical
4874.00	45.33	36.25	10.64	40.17	52.05	74.00	-21.95	Horizontal
Test mode: 802.11n(H40)			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)	Polar.
4874.00	35.21	36.25	10.63	40.17	41.92	54.00	-12.08	Vertical
4874.00	36.45	36.25	10.64	40.17	43.17	54.00	-10.83	Horizontal

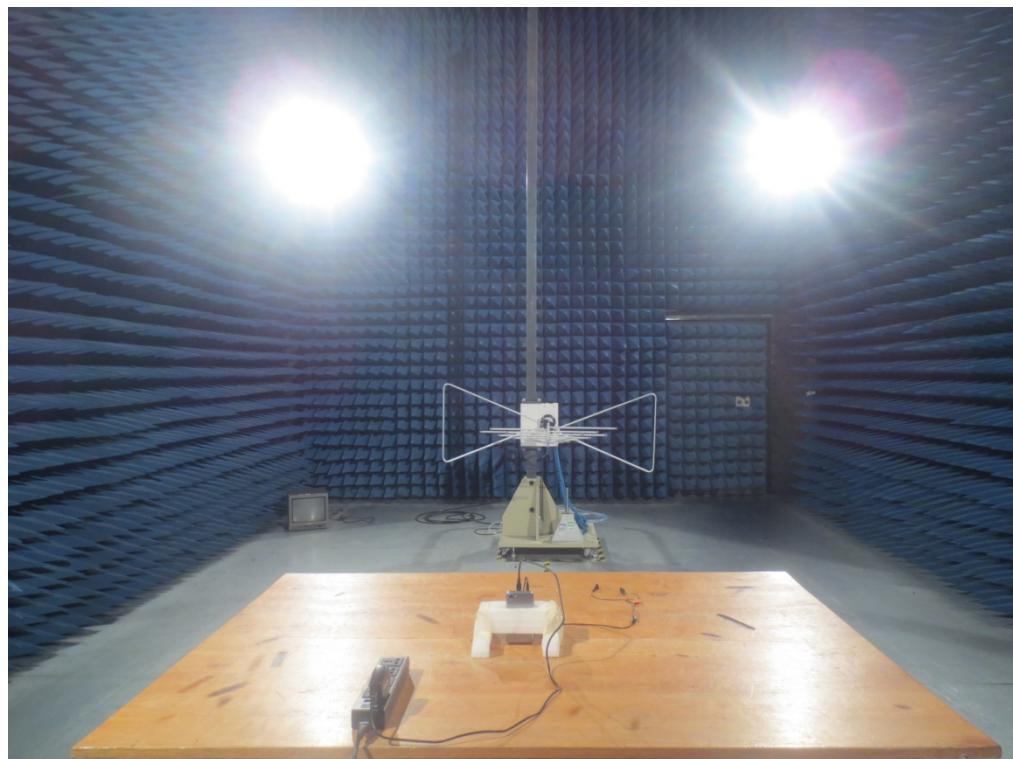
Test mode: 802.11n(H40)			Test channel: Highest			Remark: Peak		
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polar.
4904.00	45.62	36.45	10.67	40.10	52.64	74.00	-21.36	Vertical
4904.00	45.08	36.51	10.69	40.10	52.18	74.00	-21.82	Horizontal
Test mode: 802.11n(H40)			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)	Polar.
4904.00	36.66	36.45	10.67	40.10	43.68	54.00	-10.32	Vertical
4904.00	37.34	36.51	10.69	40.10	44.44	54.00	-9.56	Horizontal

Remark:

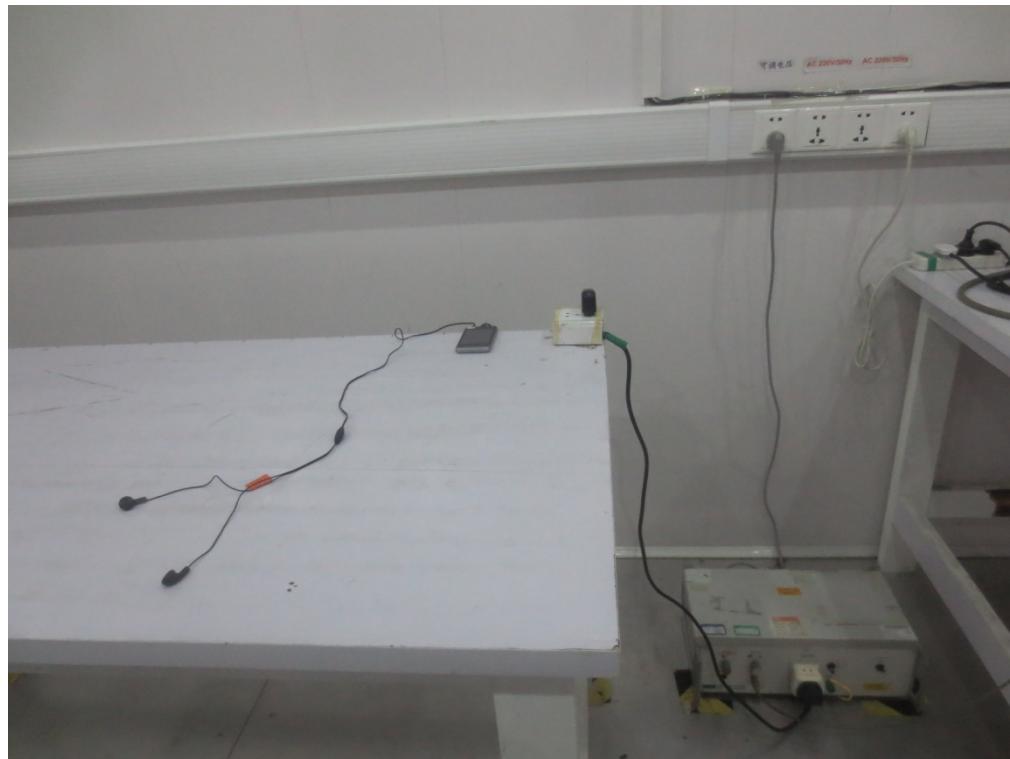
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

7 Test Setup Photo

Radiated Spurious Emission



Conducted Emission



8 EUT Constructional Details

Reference to the test report No. CCISE160203701

-----End of report-----