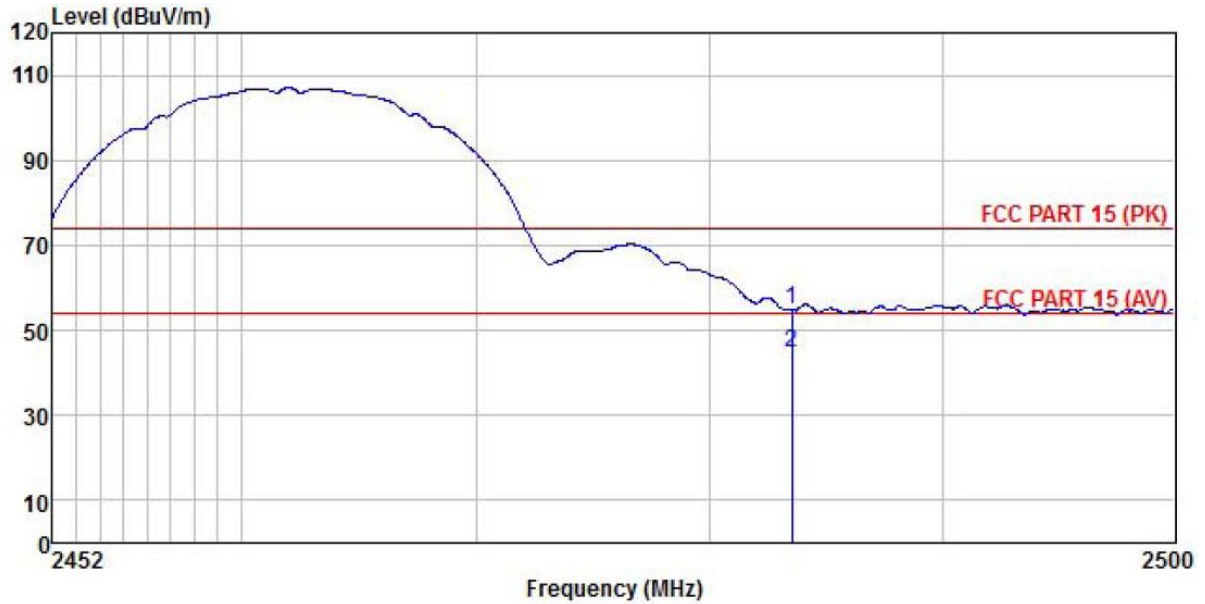


<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



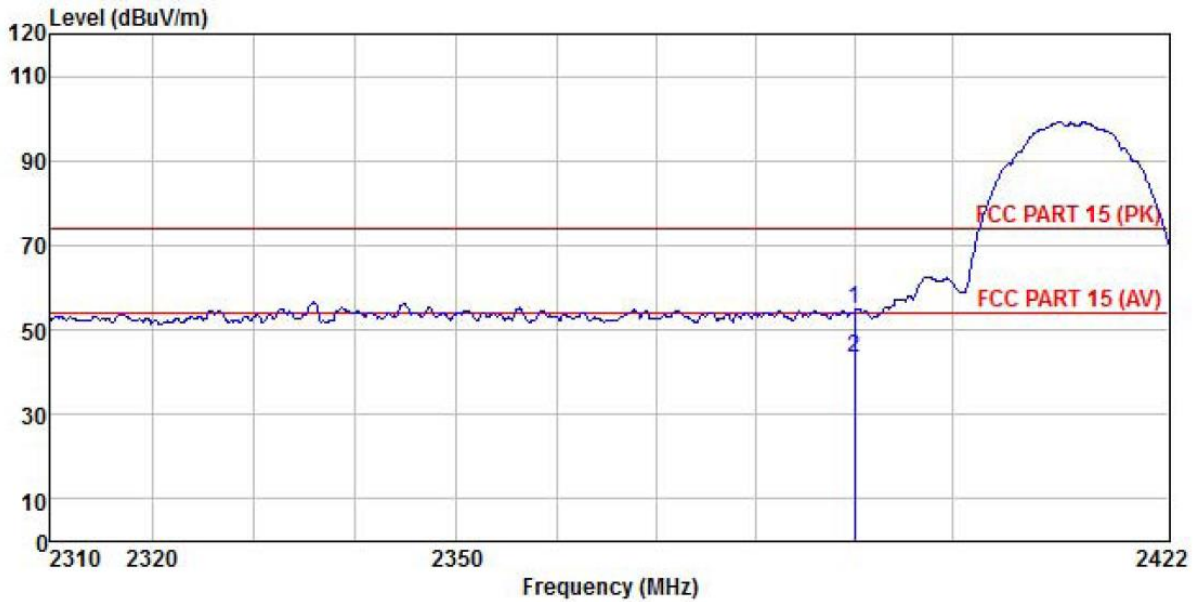
	Read Freq	Antenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	22.67	27.35	4.81	0.00	54.83	74.00	-19.17	Peak
2	2483.500	12.43	27.35	4.81	0.00	44.59	54.00	-9.41	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11b mode TX1:

Product Name:	Komikan	Product Model:	Komikan
Test By:	Mike	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%

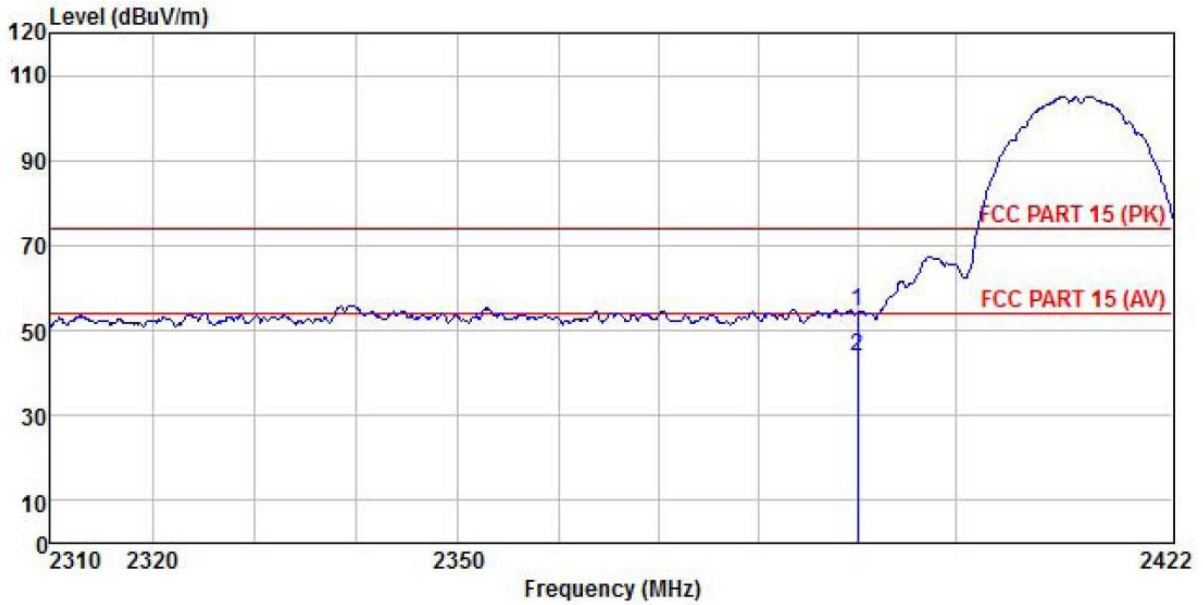


	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	21.56	27.07	4.69	0.00	55.00	74.00	-19.00	Peak
2	2390.000	10.06	27.07	4.69	0.00	43.50	54.00	-10.50	Average

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

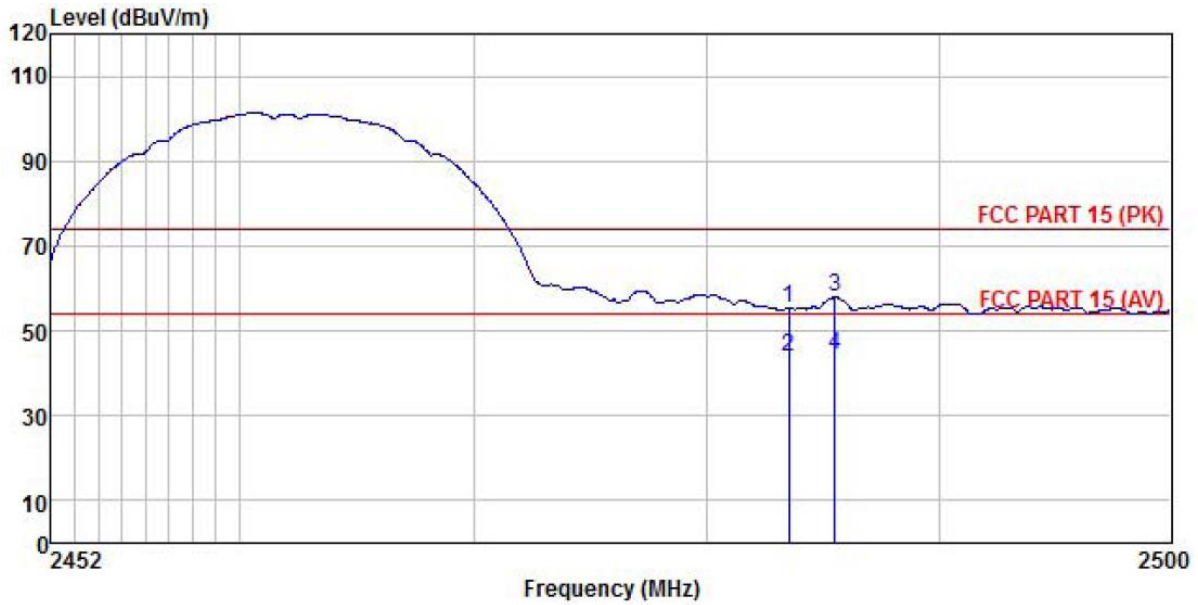


	Read	Antenna	Cable	Preamp	Level	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	21.05	27.08	4.69	0.00	54.50	74.00	-19.50 Peak
2	2390.000	10.54	27.08	4.69	0.00	43.99	54.00	-10.01 Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

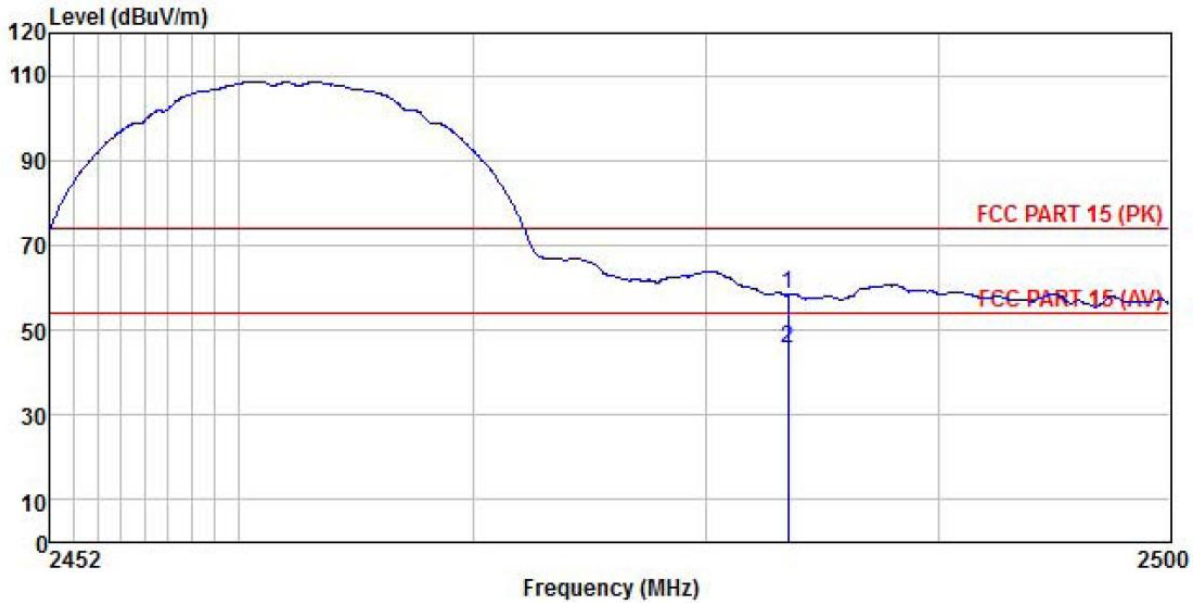


	ReadAntenna	Cable	Preamp	Limit	Over			
Freq	Level	Loss	Factor	Line	Limit	Remark		
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	21.47	27.36	4.81	0.00	55.34	74.00	-18.66 Peak
2	2483.500	10.05	27.36	4.81	0.00	43.92	54.00	-10.08 Average
3	2485.502	24.00	27.36	4.81	0.00	57.87	74.00	-16.13 Peak
4	2485.502	10.40	27.36	4.81	0.00	44.27	54.00	-9.73 Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



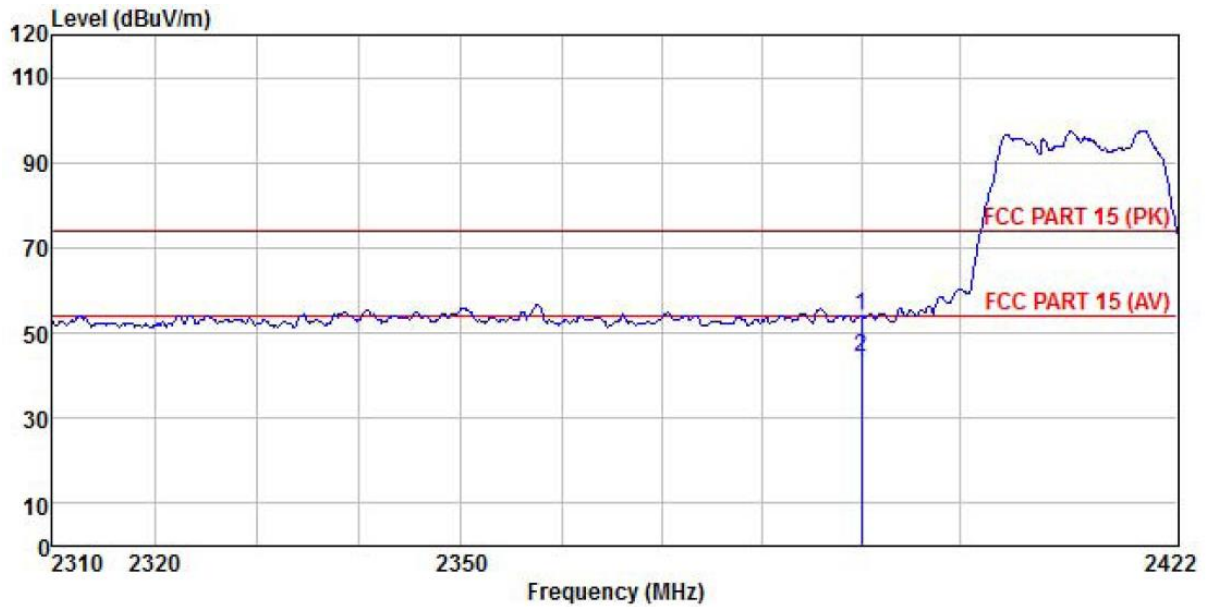
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	24.53	27.35	4.81	0.00	58.39	74.00	-15.61	Peak
2	2483.500	11.79	27.35	4.81	0.00	45.65	54.00	-8.35	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11g mode TX0:

Product Name:	Komikan	Product Model:	Komikan
Test By:	Mike	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%



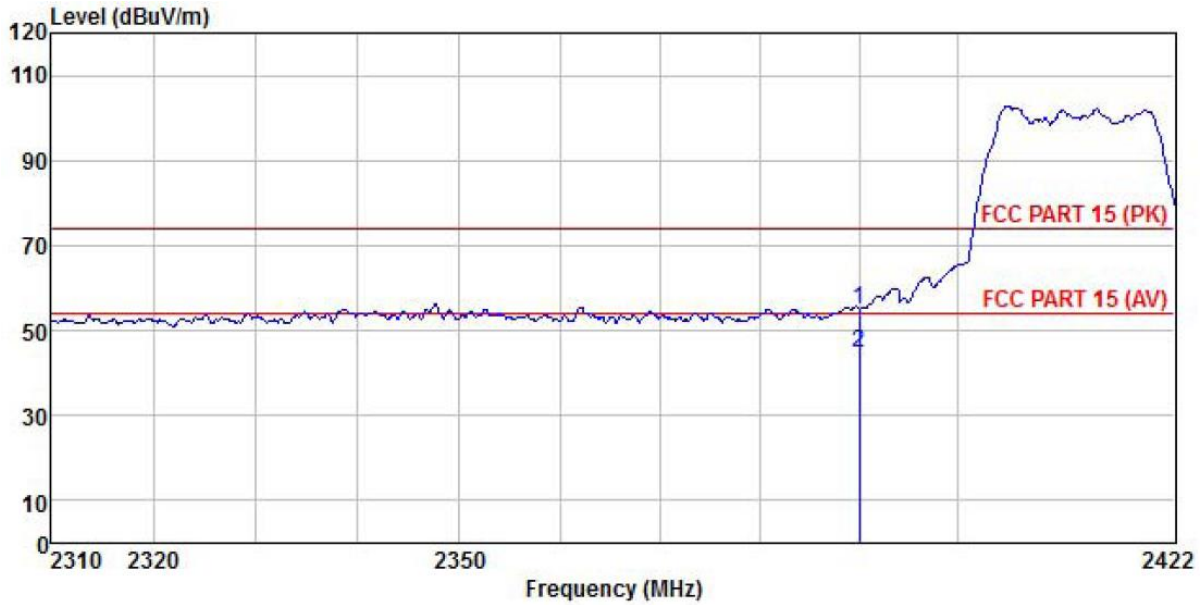
	Read Freq	Antenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	22.38	27.07	4.69	0.00	54.14	74.00	-19.86	Peak
2	2390.000	12.51	27.07	4.69	0.00	44.27	54.00	-9.73	Average

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamp Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Huni: 57%

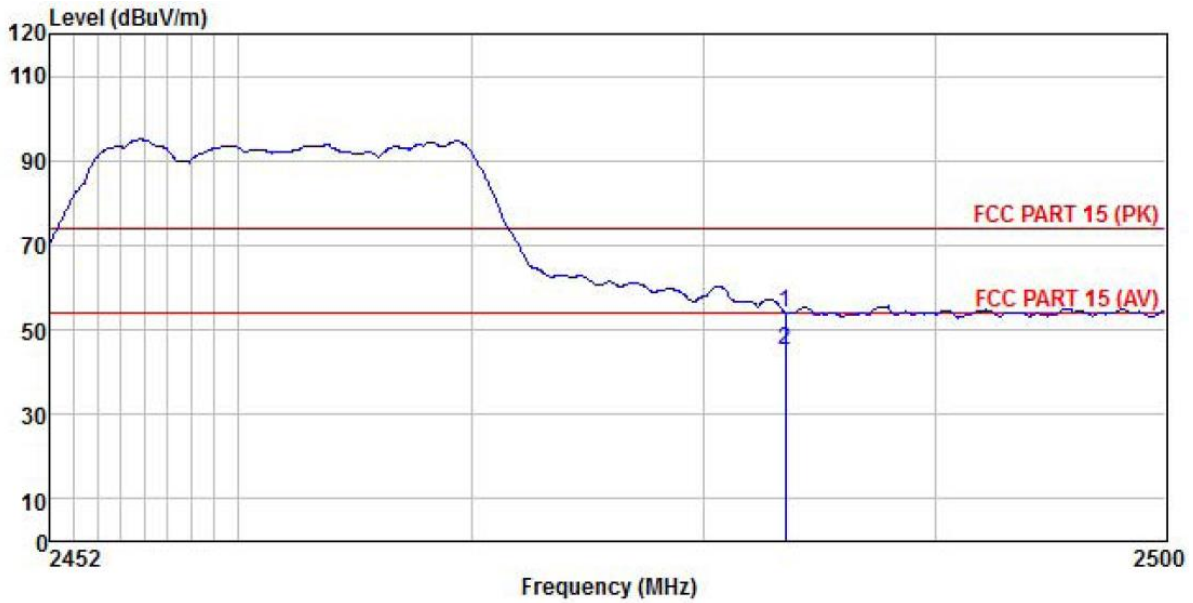


	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	23.27	27.08	4.69	0.00	55.04	74.00	-18.96	Peak
2	2390.000	12.97	27.08	4.69	0.00	44.74	54.00	-9.26	Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Huni: 57%



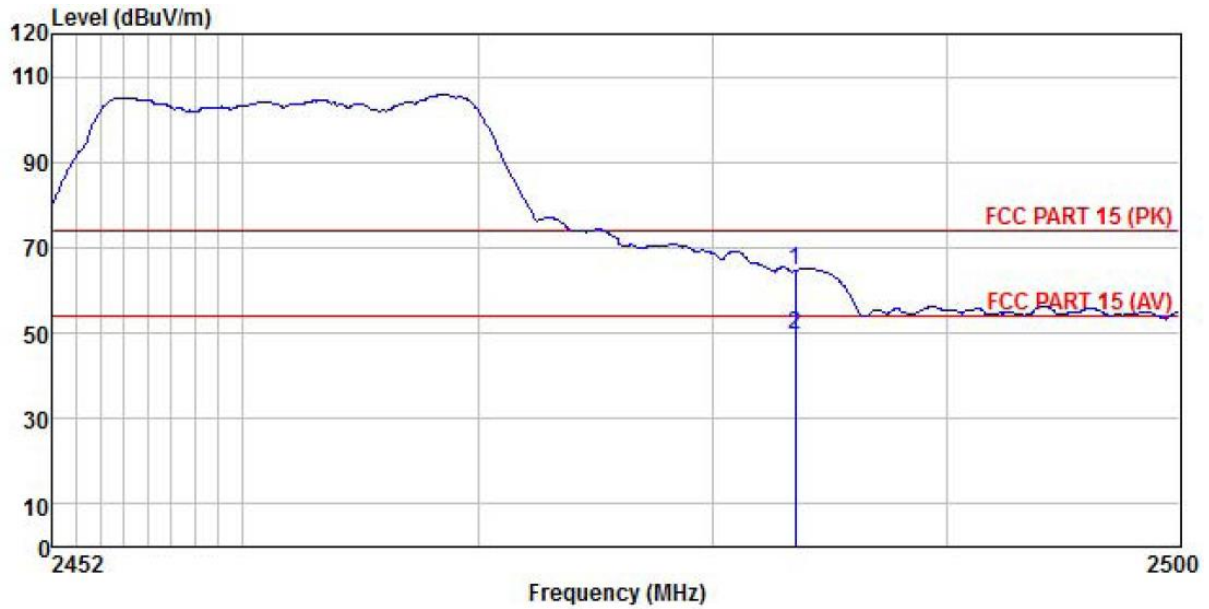
	Freq	ReadAntenna	Cable Preamp	Level	Limit	Over	Remark
	MHz	Level	Loss	Level	Line	Limit	
		dBuV	Factor	dB	dB	dBuV/m	dB
1	2483.500	21.89	27.36	4.81	0.00	54.06	74.00 -19.94 Peak
2	2483.500	13.16	27.36	4.81	0.00	45.33	54.00 -8.67 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preampifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



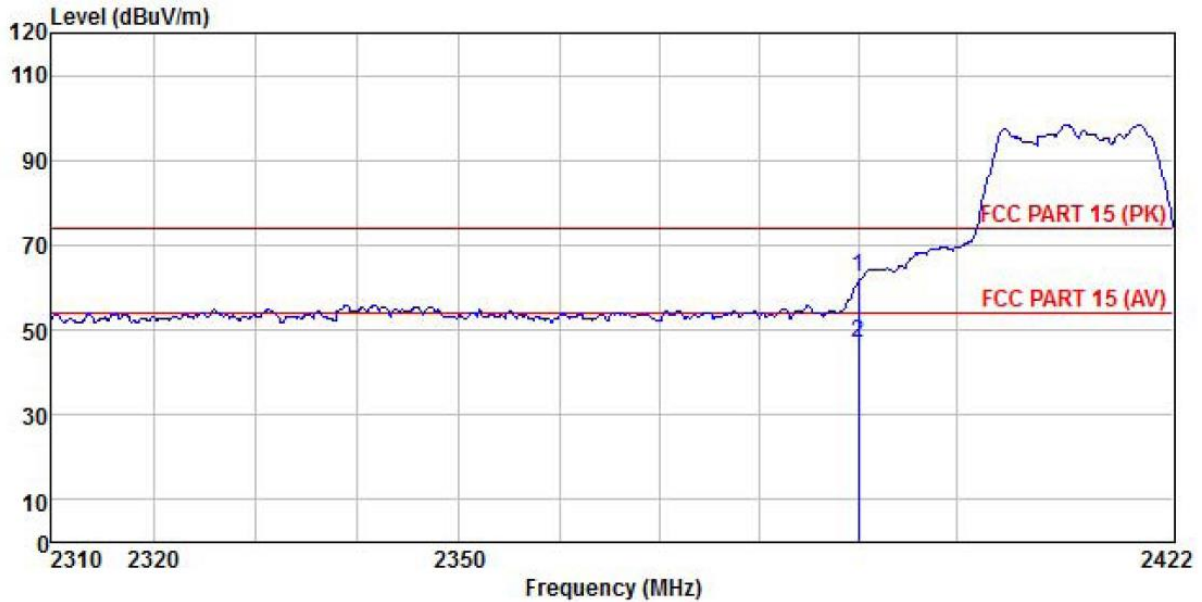
	Read Freq	Antenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	32.62	27.35	4.81	0.00	64.78	74.00	-9.22	Peak
2	2483.500	17.29	27.35	4.81	0.00	49.45	54.00	-4.55	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11g mode TX1:

Product Name:	Komikan	Product Model:	Komikan
Test By:	Mike	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%

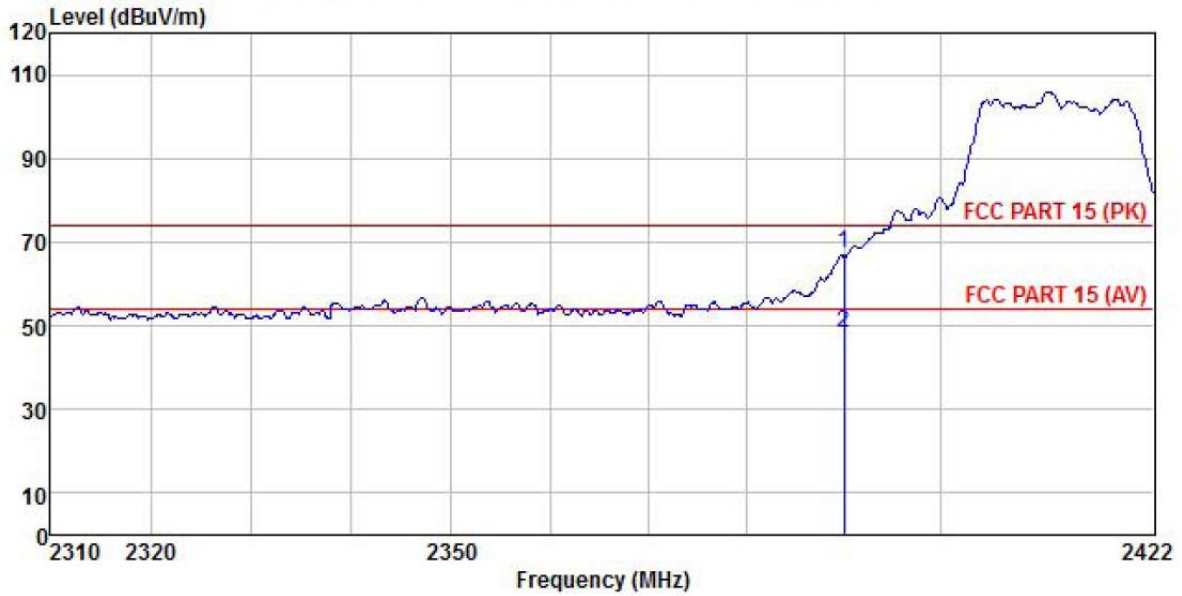


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	29.06	27.07	4.69	0.00	62.50	74.00	-11.50	Peak
2	2390.000	13.71	27.07	4.69	0.00	47.15	54.00	-6.85	Average

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamp Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

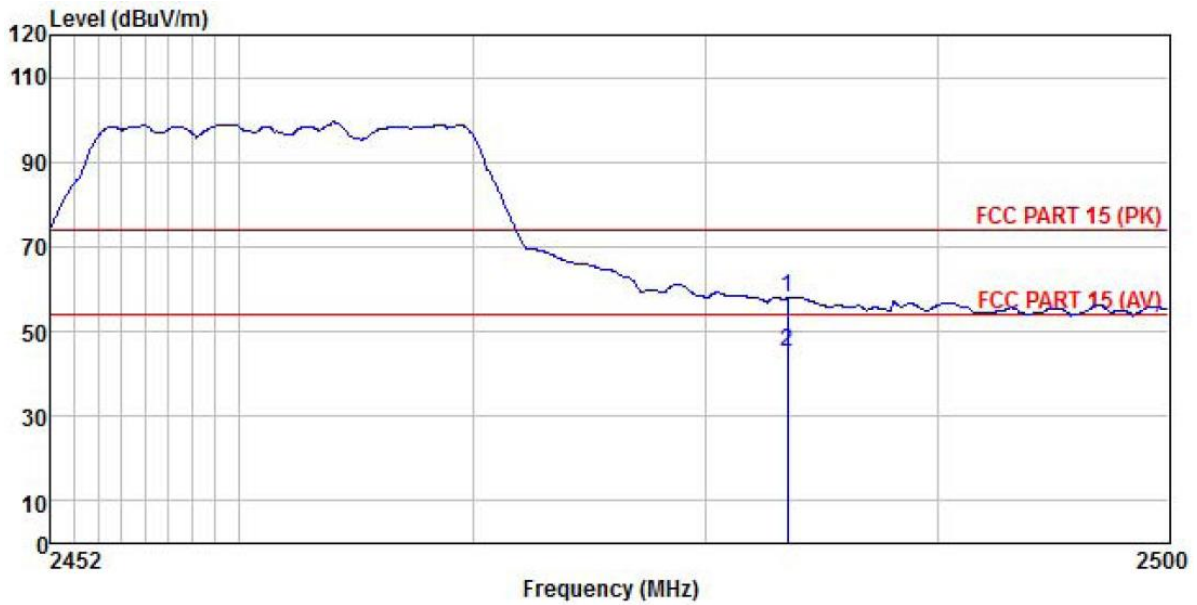


	Read	Antenna	Cable	Preamp	Level	Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2390.000	33.68	27.08	4.69	0.00	67.13	74.00	-6.87 Peak
2	2390.000	14.91	27.08	4.69	0.00	48.36	54.00	-5.64 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Huni: 57%

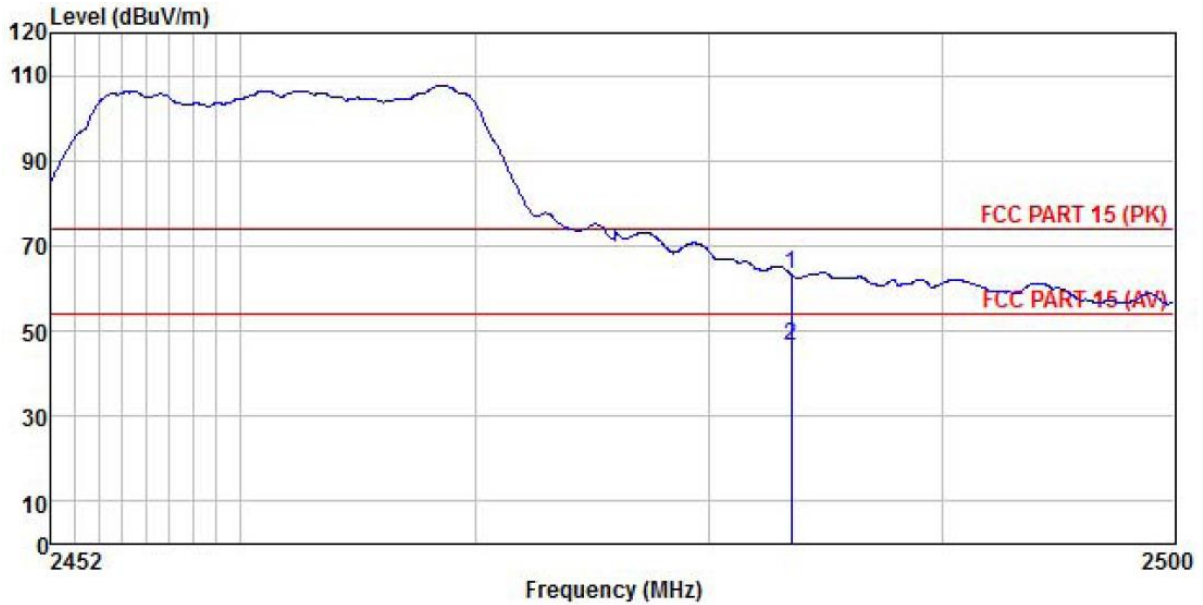


	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	24.02	27.36	4.81	0.00	57.89	74.00	-16.11	Peak
2	2483.500	11.27	27.36	4.81	0.00	45.14	54.00	-8.86	Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preampifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



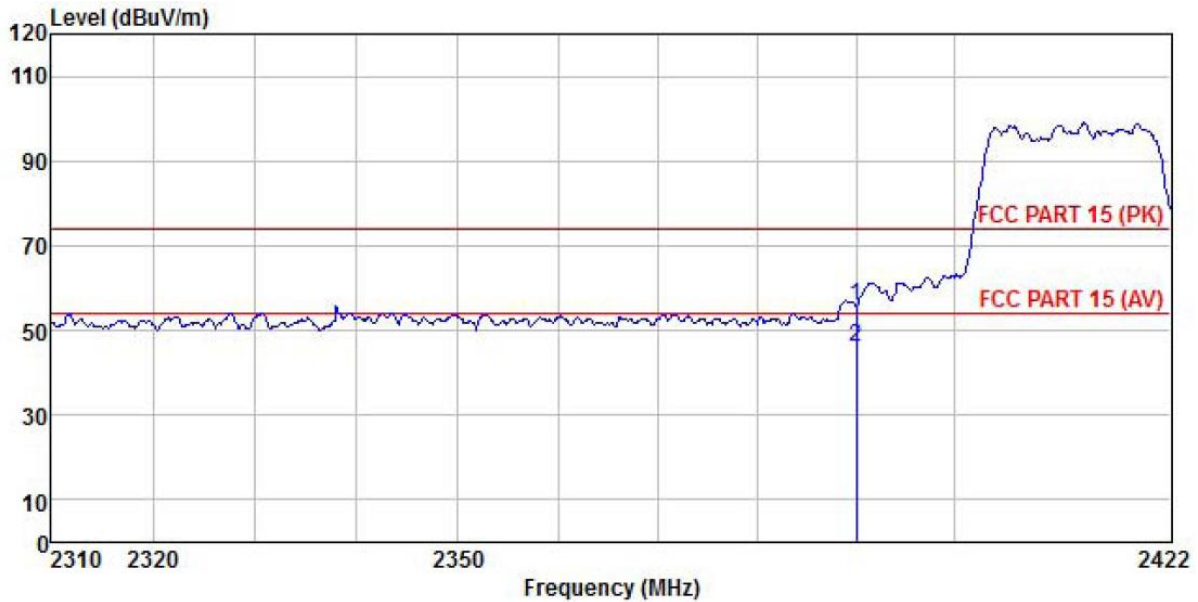
	Read Freq	Antenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	29.34	27.35	4.81	0.00	63.20	74.00	-10.80	Peak
2	2483.500	12.55	27.35	4.81	0.00	46.41	54.00	-7.59	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11n-HT20 (MIMO):

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT20) Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

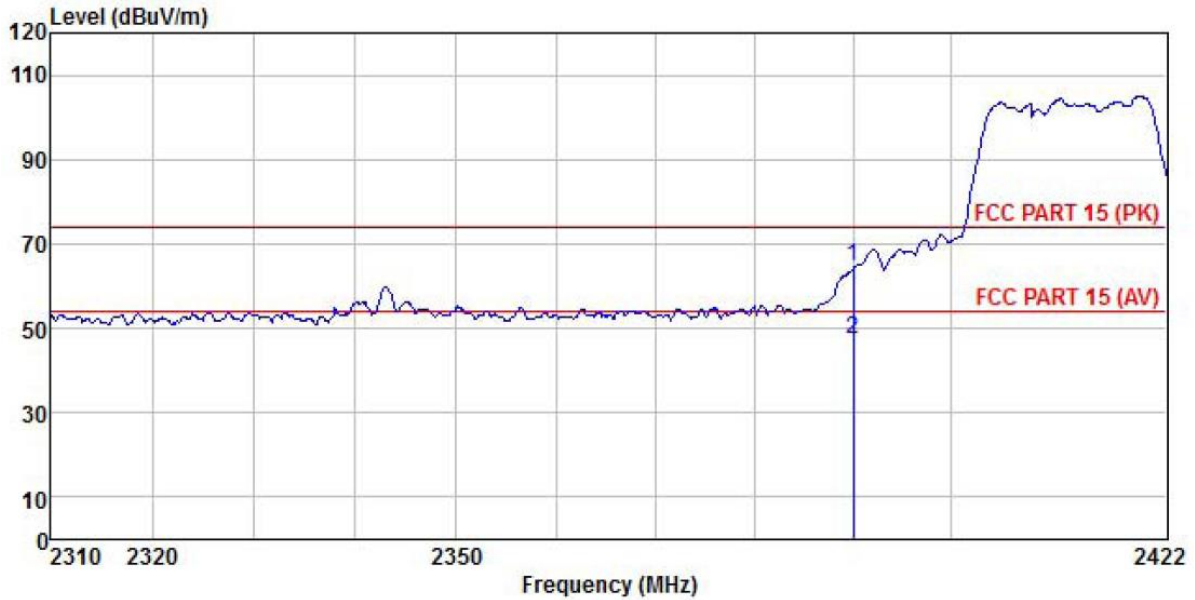


	ReadAntenna	Cable Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	24.24	27.07	4.69	0.00	56.00	74.00	-18.00 Peak
2	2390.000	14.38	27.07	4.69	0.00	46.14	54.00	-7.86 Average

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT20) Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



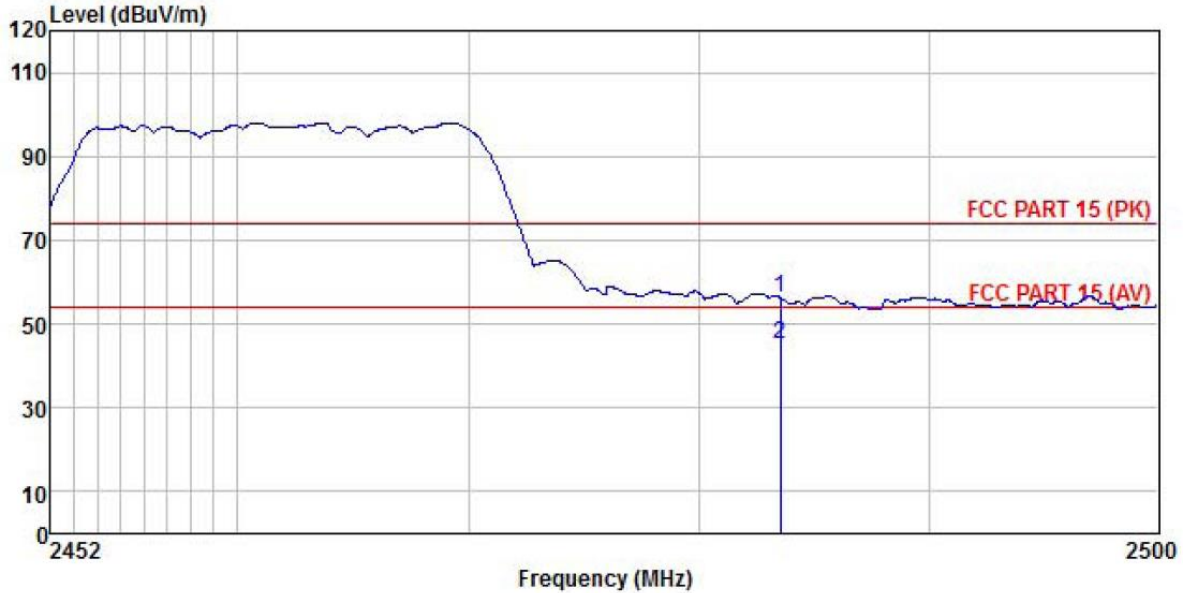
	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	32.70	27.08	4.69	0.00	64.47	74.00	-9.53 Peak
2	2390.000	15.48	27.08	4.69	0.00	47.25	54.00	-6.75 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamp Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT20) Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

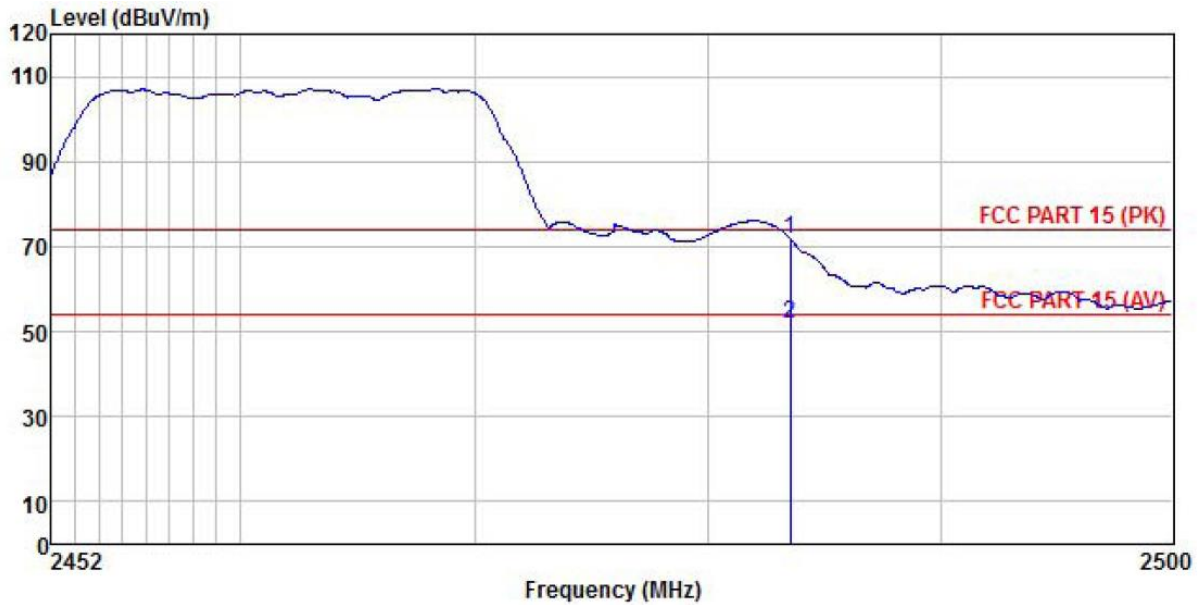


	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1	2483.500	24.12	27.36	4.81	0.00	56.29	74.00	-17.71	Peak
2	2483.500	13.12	27.36	4.81	0.00	45.29	54.00	-8.71	Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT20) Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



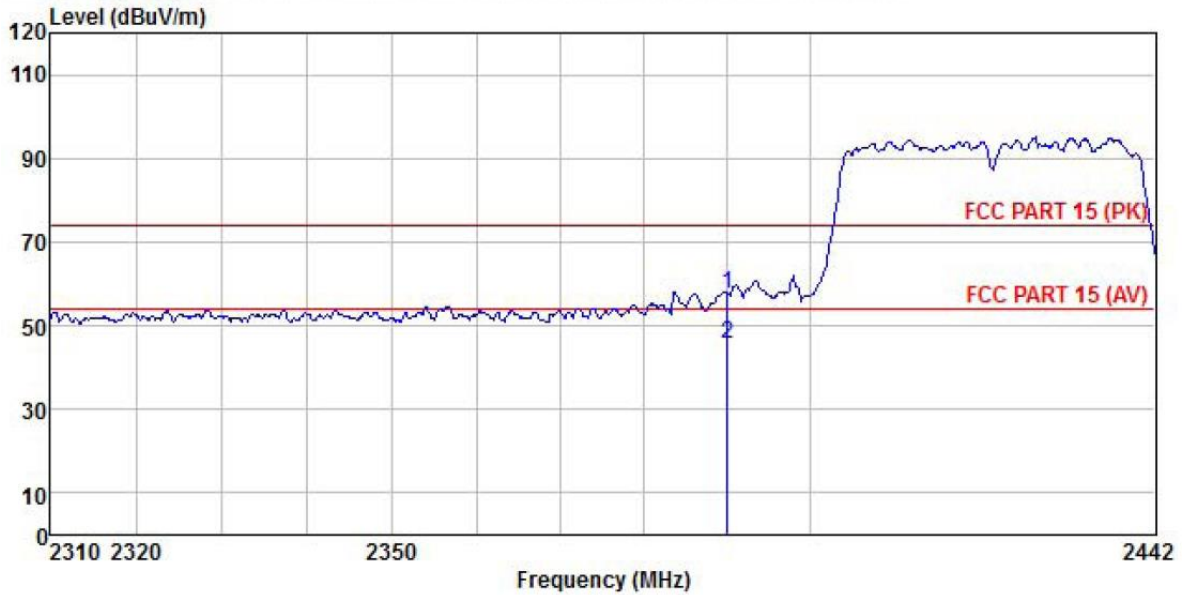
	Read Freq	Antenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	39.61	27.35	4.81	0.00	71.77	74.00	-2.23	Peak
2	2483.500	19.70	27.35	4.81	0.00	51.86	54.00	-2.14	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11n-HT40 (MIMO):

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT40) Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

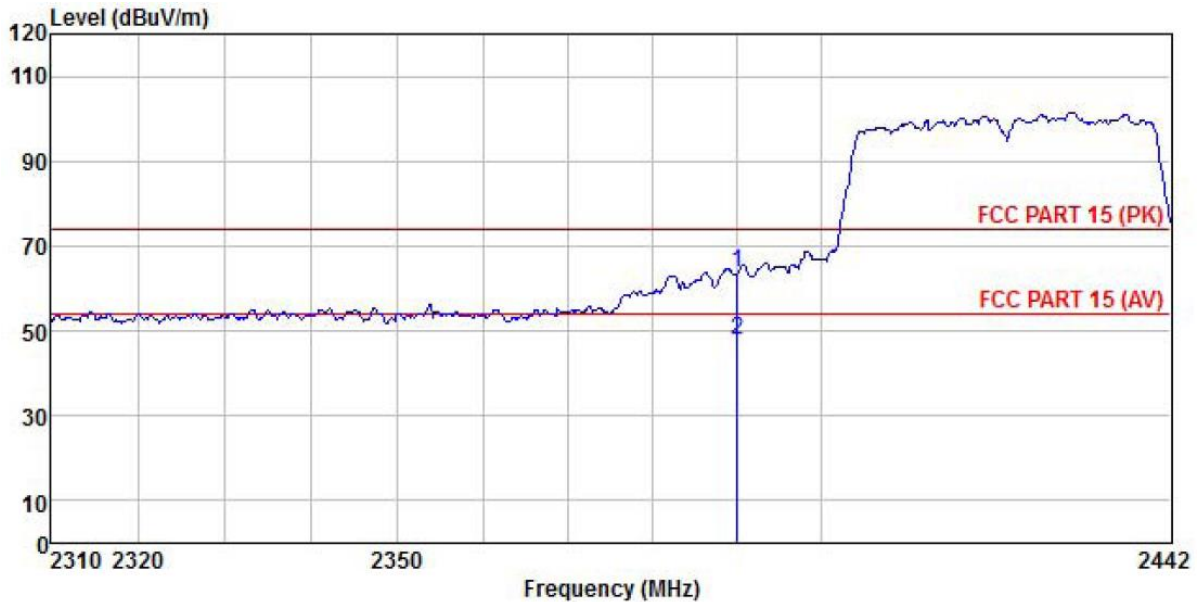


	Read	Antenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2390.000	25.71	27.07	4.69	0.00	57.47	74.00 -16.53 Peak
2	2390.000	14.03	27.07	4.69	0.00	45.79	54.00 -8.21 Average

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamp Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT40) Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Huni: 57%

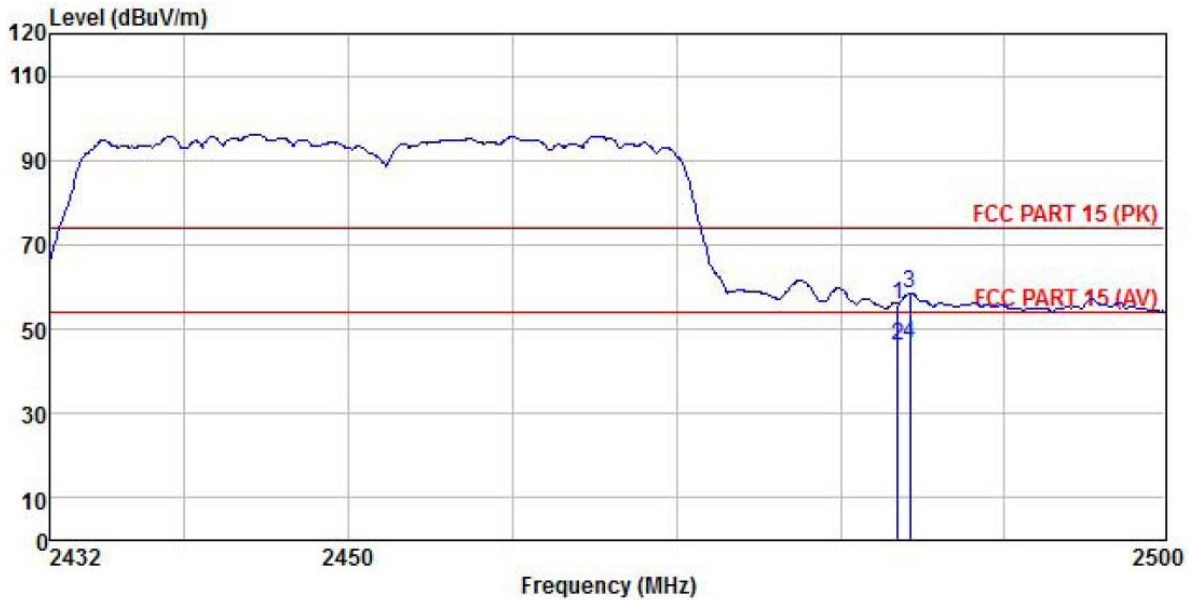


	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	32.17	27.08	4.69	0.00	63.94	74.00	-10.06 Peak
2	2390.000	15.97	27.08	4.69	0.00	47.74	54.00	-6.26 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT40) Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

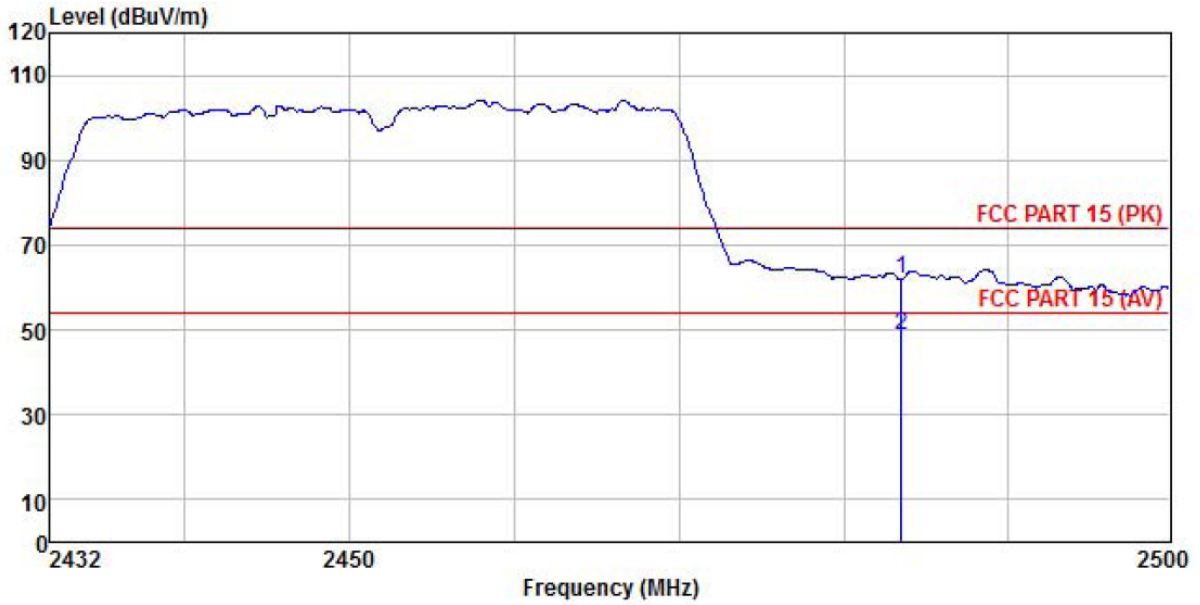


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	23.83	27.36	4.81	0.00	56.00	74.00	-18.00	Peak
2	2483.500	14.03	27.36	4.81	0.00	46.20	54.00	-7.80	Average
3	2484.262	26.26	27.36	4.81	0.00	58.43	74.00	-15.57	Peak
4	2484.262	14.52	27.36	4.81	0.00	46.69	54.00	-7.31	Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT40) Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



	Read Freq	Antenna 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	29.65	27.35	4.81	0.00	61.81	74.00	-12.19	Peak
2	2483.500	16.61	27.35	4.81	0.00	48.77	54.00	-5.23	Average

**Remark:**

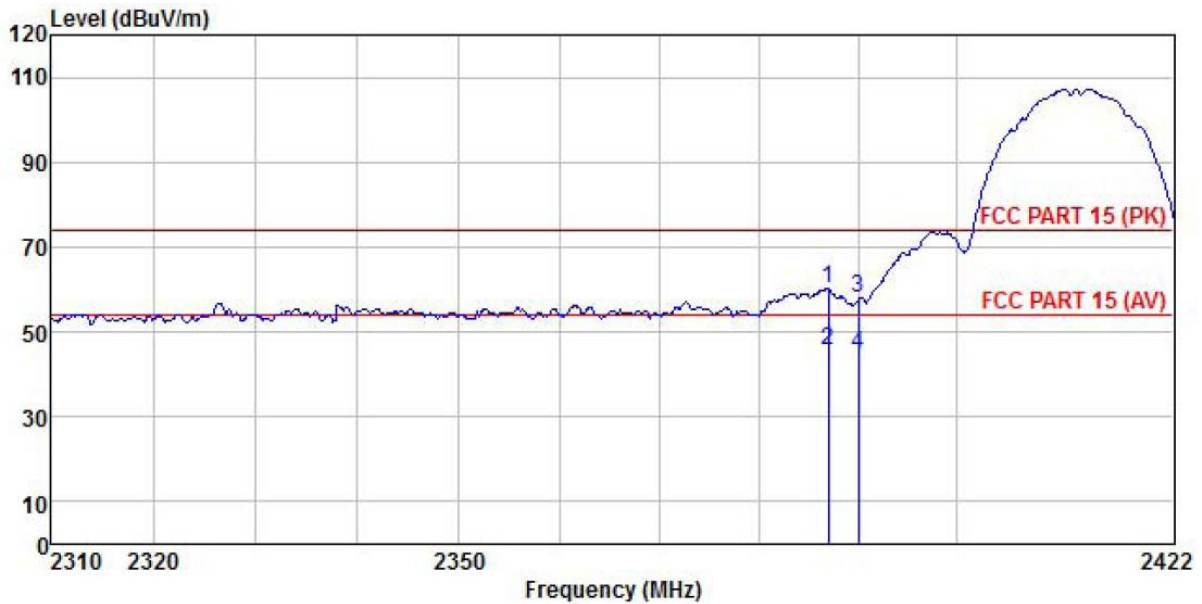
- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



**Whip Antenna:**

**802.11b mode TX0:**

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



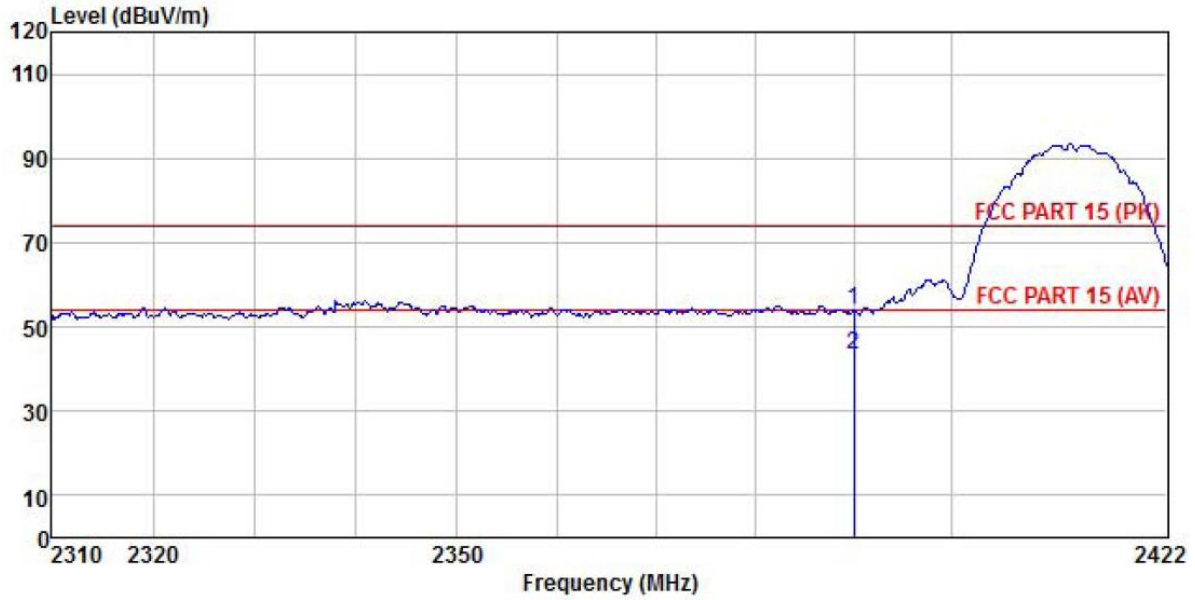
	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2386.937	28.55	27.07	4.69	0.00	60.31	74.00	-13.69 Peak
2	2386.937	13.65	27.07	4.69	0.00	45.41	54.00	-8.59 Average
3	2390.000	26.07	27.07	4.69	0.00	57.83	74.00	-16.17 Peak
4	2390.000	13.10	27.07	4.69	0.00	44.86	54.00	-9.14 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

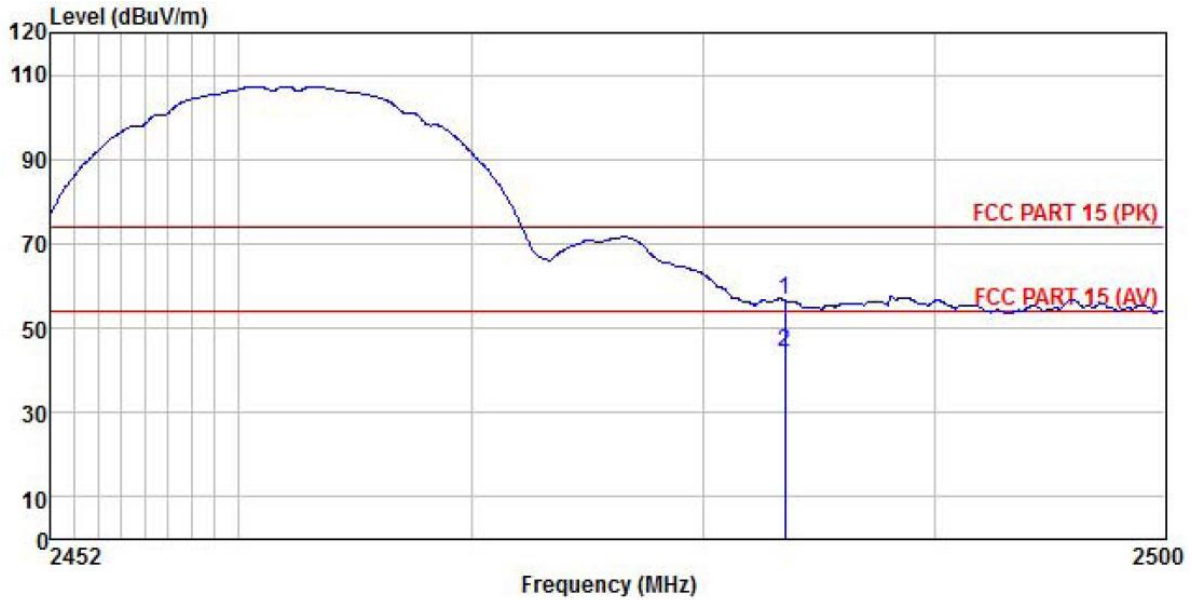


	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit	
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2390.000	22.18	27.08	4.69	0.00	53.95	74.00	-20.05 Peak
2	2390.000	11.77	27.08	4.69	0.00	43.54	54.00	-10.46 Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

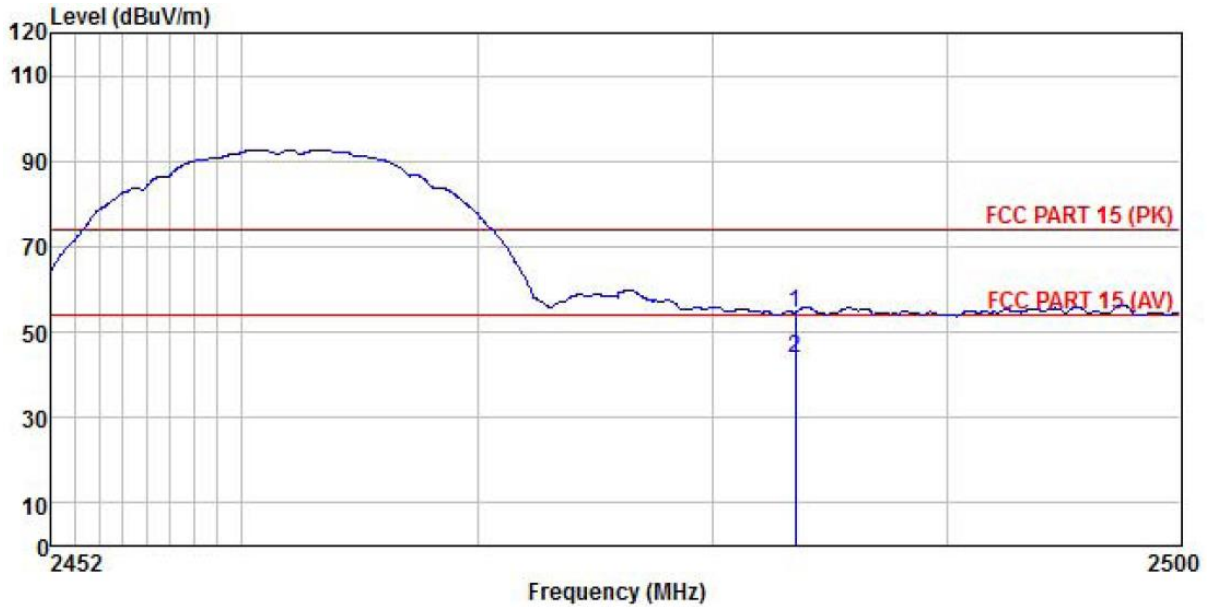


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	24.32	27.36	4.81	0.00	56.49	74.00	-17.51	Peak
2	2483.500	12.14	27.36	4.81	0.00	44.31	54.00	-9.69	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamp Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



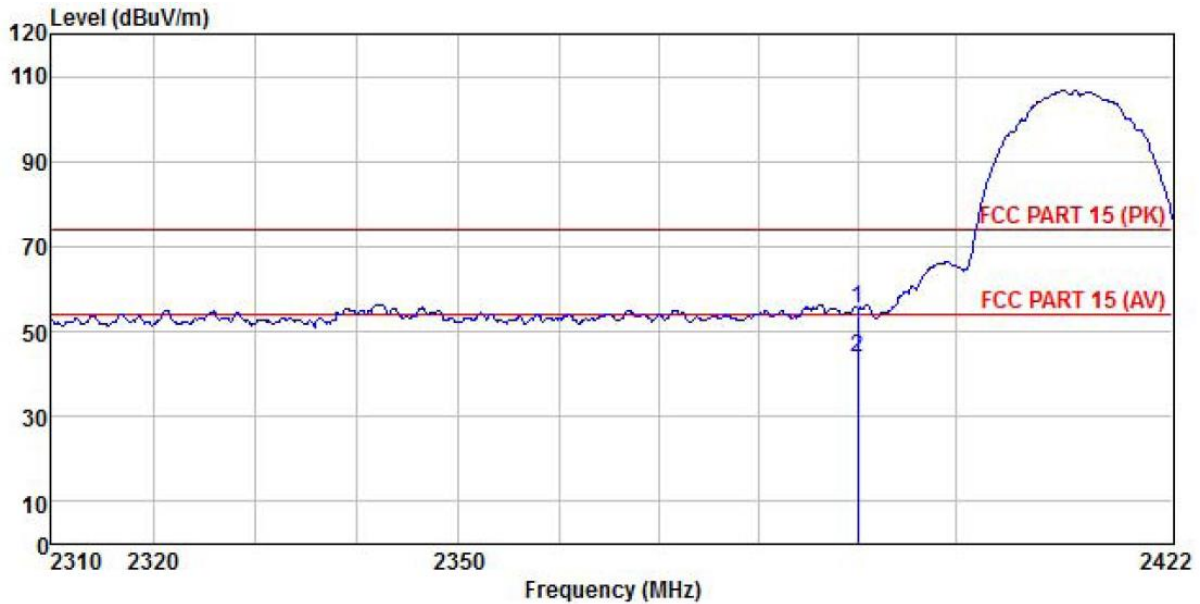
	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	22.33	27.35	4.81	0.00	54.49	74.00	-19.51	Peak
2	2483.500	11.79	27.35	4.81	0.00	43.95	54.00	-10.05	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11b mode TX1:

Product Name:	Komikan	Product Model:	Komikan
Test By:	Mike	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%

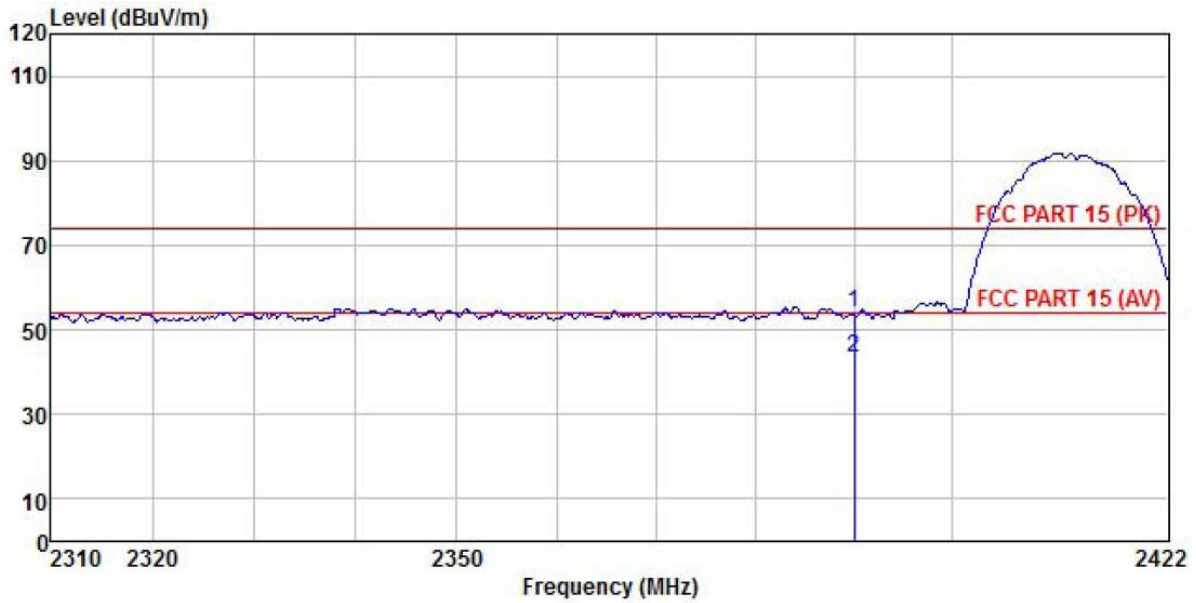


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	23.71	27.07	4.69	0.00	55.47	74.00	-18.53	Peak
2	2390.000	12.16	27.07	4.69	0.00	43.92	54.00	-10.08	Average

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

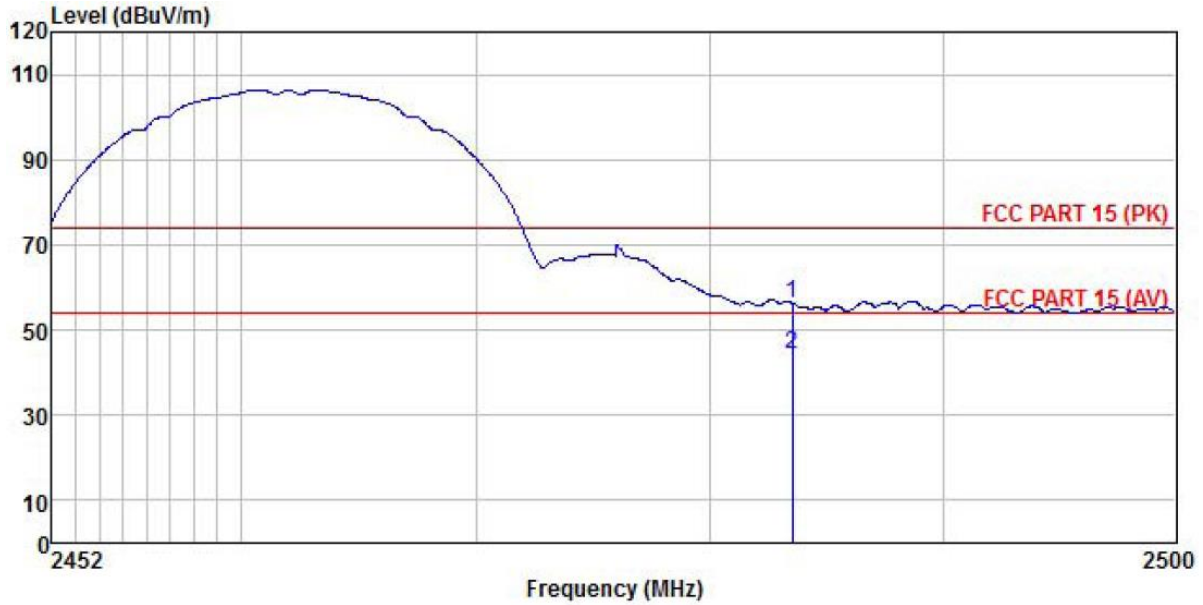


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	22.38	27.08	4.69	0.00	54.15	74.00	-19.85	Peak
2	2390.000	11.67	27.08	4.69	0.00	43.44	54.00	-10.56	Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

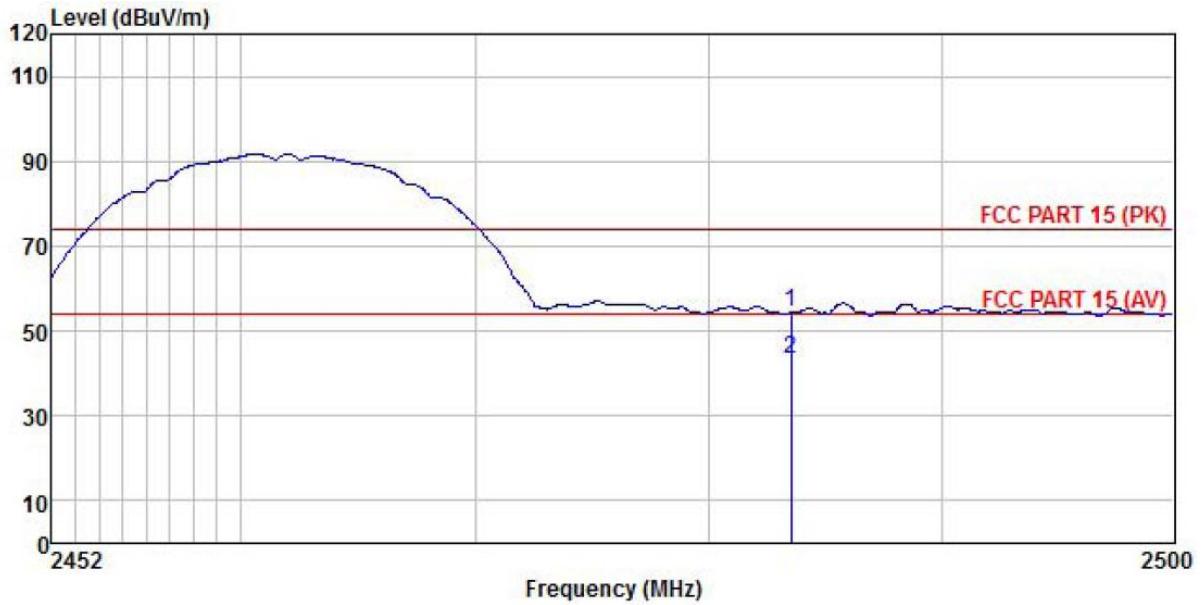


	Read	Antenna	Cable	Preamp	Level	Limit	Over	
-----	Freq	Level	Factor	Loss	Factor	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	24.13	27.36	4.81	0.00	56.30	74.00	-17.70 Peak
2	2483.500	11.96	27.36	4.81	0.00	44.13	54.00	-9.87 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11b Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



	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	2483.500	22.23	27.35	4.81	0.00	54.39	74.00	-19.61 Peak
2	2483.500	11.26	27.35	4.81	0.00	43.42	54.00	-10.58 Average

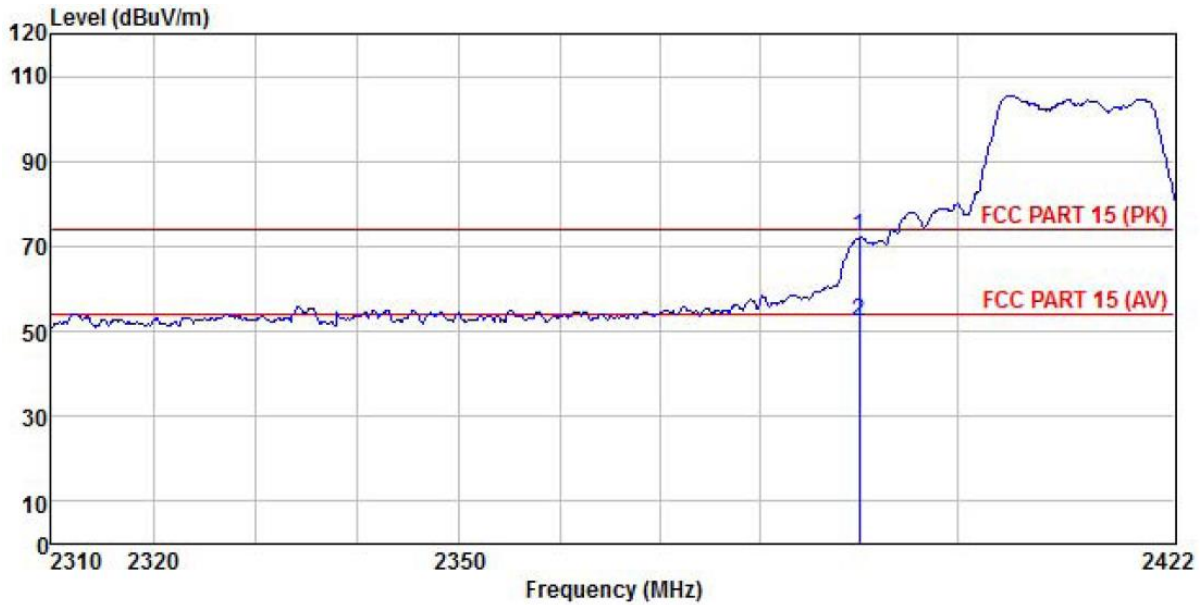
**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



802.11g mode TX0:

Product Name:	Komikan	Product Model:	Komikan
Test By:	Mike	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%

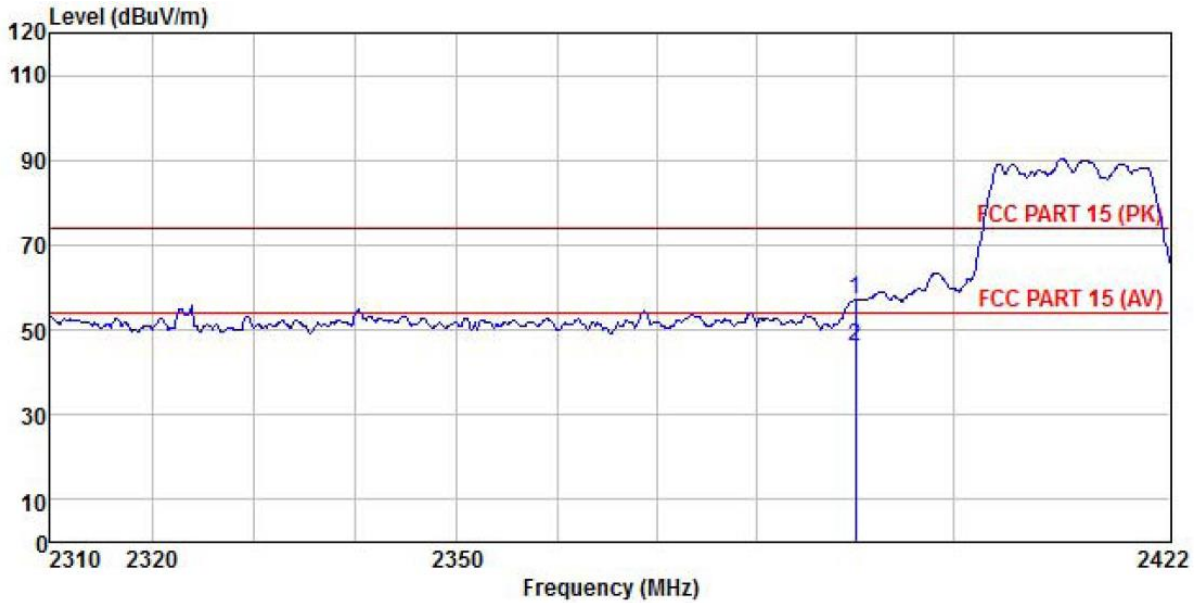


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	40.28	27.07	4.69	0.00	72.04	74.00	-1.96	Peak
2	2390.000	20.62	27.07	4.69	0.00	52.38	54.00	-1.62	Average

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamp Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Huni: 57%

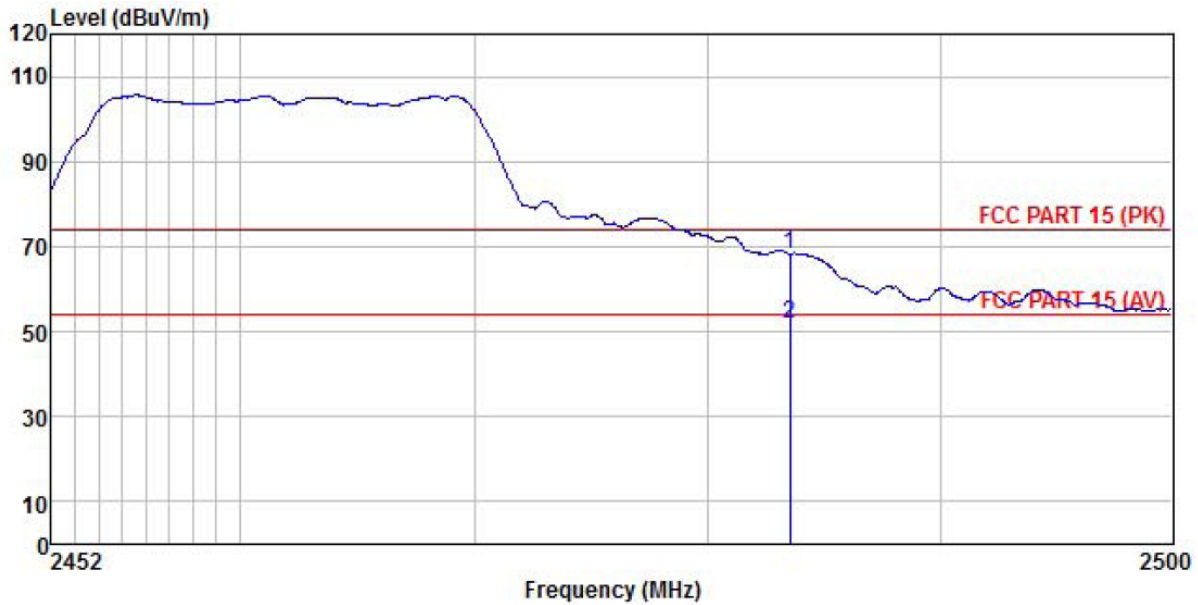


	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	25.39	27.08	4.69	0.00	57.16	74.00	-16.84	Peak
2	2390.000	14.06	27.08	4.69	0.00	45.83	54.00	-8.17	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Huni: 57%

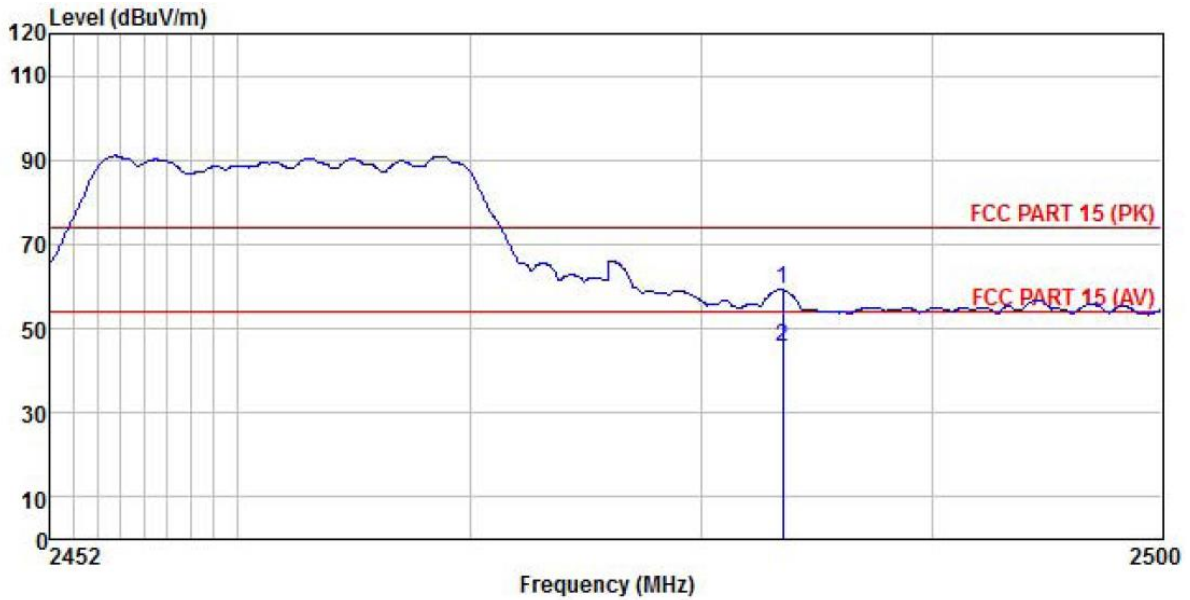


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	36.20	27.36	4.81	0.00	68.37	74.00	-5.63	Peak
2	2483.500	19.55	27.36	4.81	0.00	51.72	54.00	-2.28	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preampifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



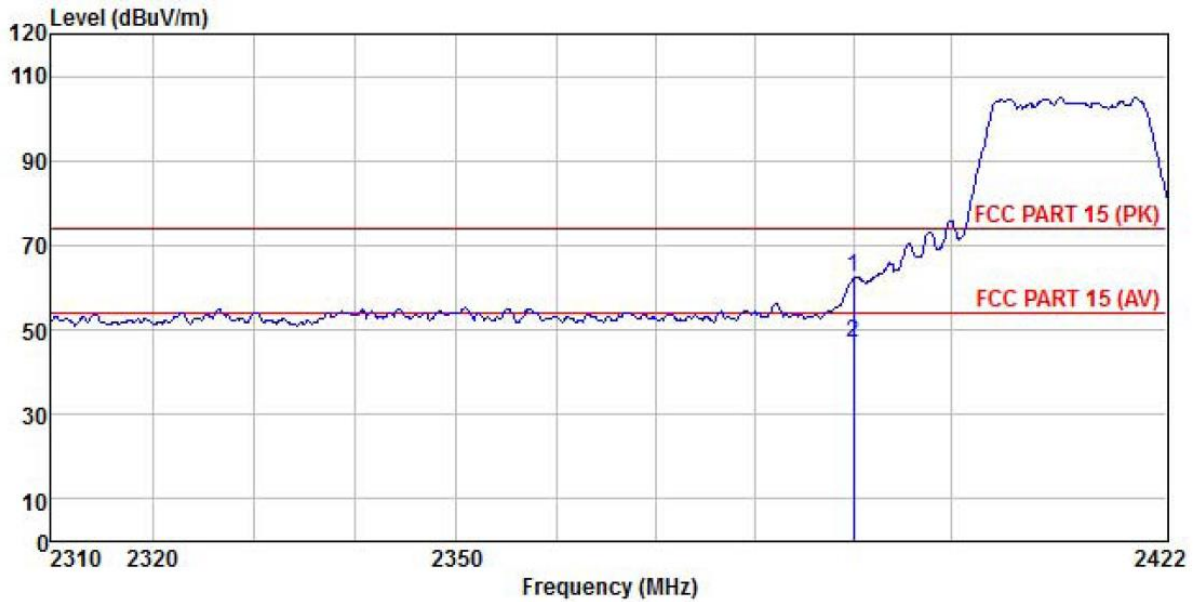
	ReadAntenna	Cable Preamp	Limit	Over					
Freq	Level	Factor	Loss	Factor	Level				
MHz	dBuV	dB/m	dB	dB	dBuV/m				
1	2483.500	26.99	27.35	4.81	0.00	59.15	74.00	-14.85	Peak
2	2483.500	13.60	27.35	4.81	0.00	45.76	54.00	-8.24	Average

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11g mode TX1:

Product Name:	Komikan	Product Model:	Komikan
Test By:	Mike	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%

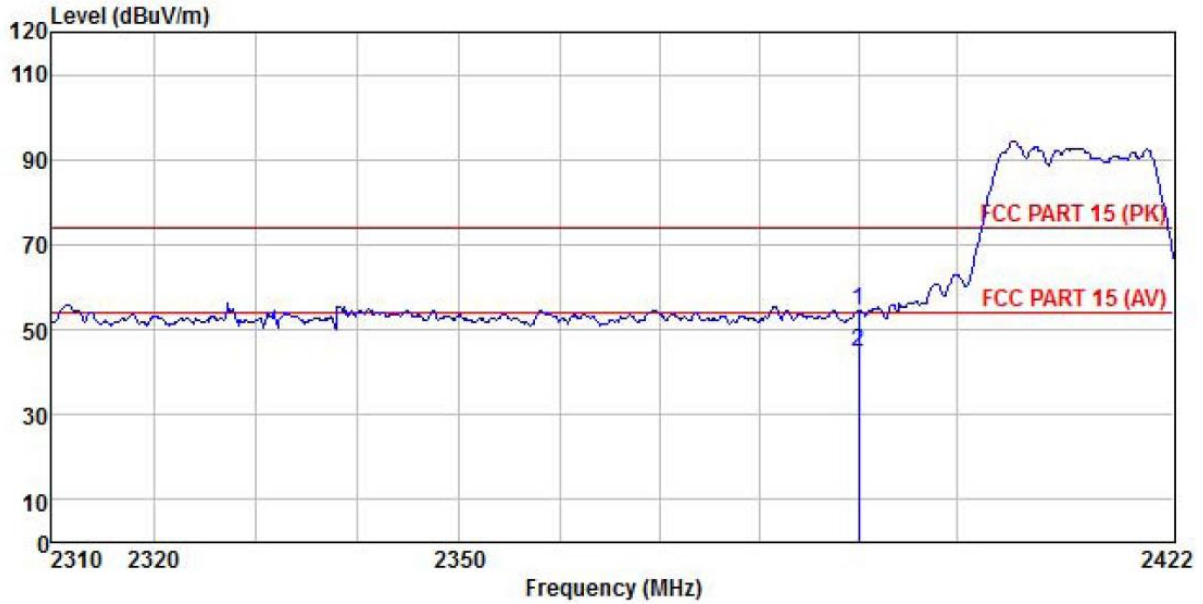


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	30.67	27.07	4.69	0.00	62.43	74.00	-11.57	Peak
2	2390.000	15.13	27.07	4.69	0.00	46.89	54.00	-7.11	Average

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preampifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Huni: 57%

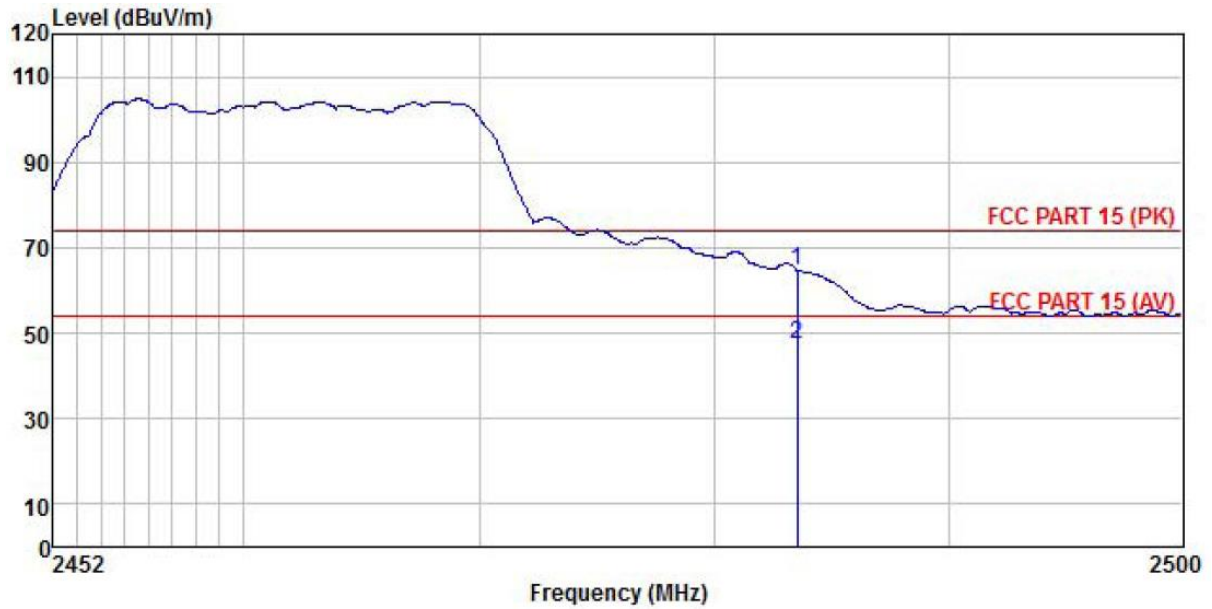


	Read	Antenna	Cable	Preamp	Level	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	22.74	27.08	4.69	0.00	54.51	74.00	-19.49 Peak
2	2390.000	12.94	27.08	4.69	0.00	44.71	54.00	-9.29 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



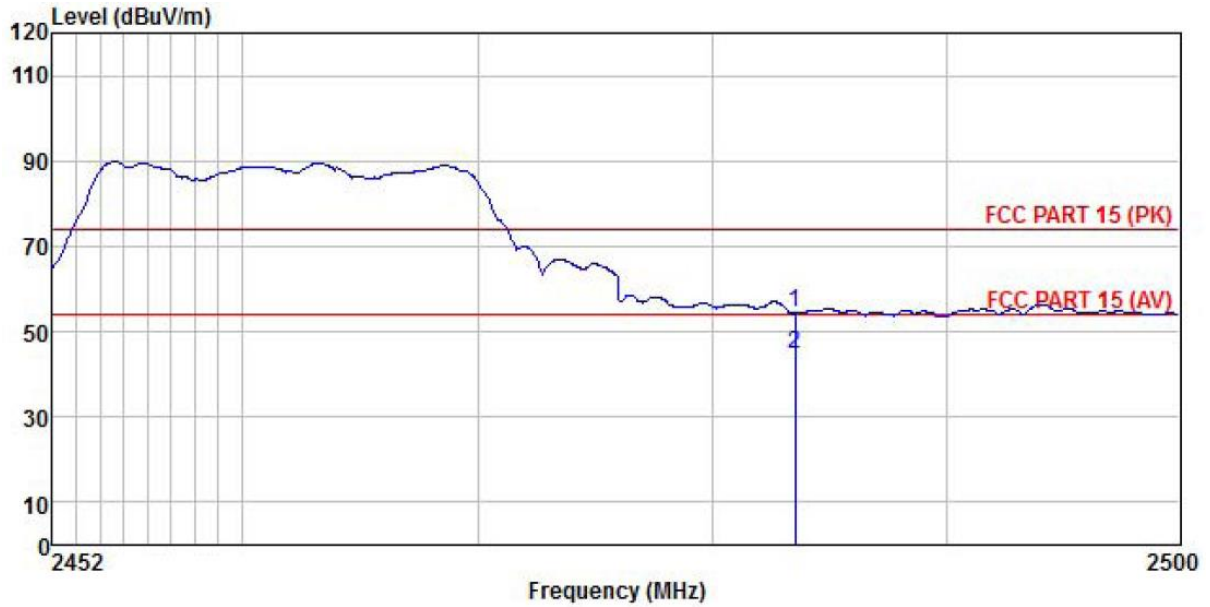
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	32.28	27.36	4.81	0.00	64.45	74.00	-9.55	Peak
2	2483.500	15.28	27.36	4.81	0.00	47.45	54.00	-6.55	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preampifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11g Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



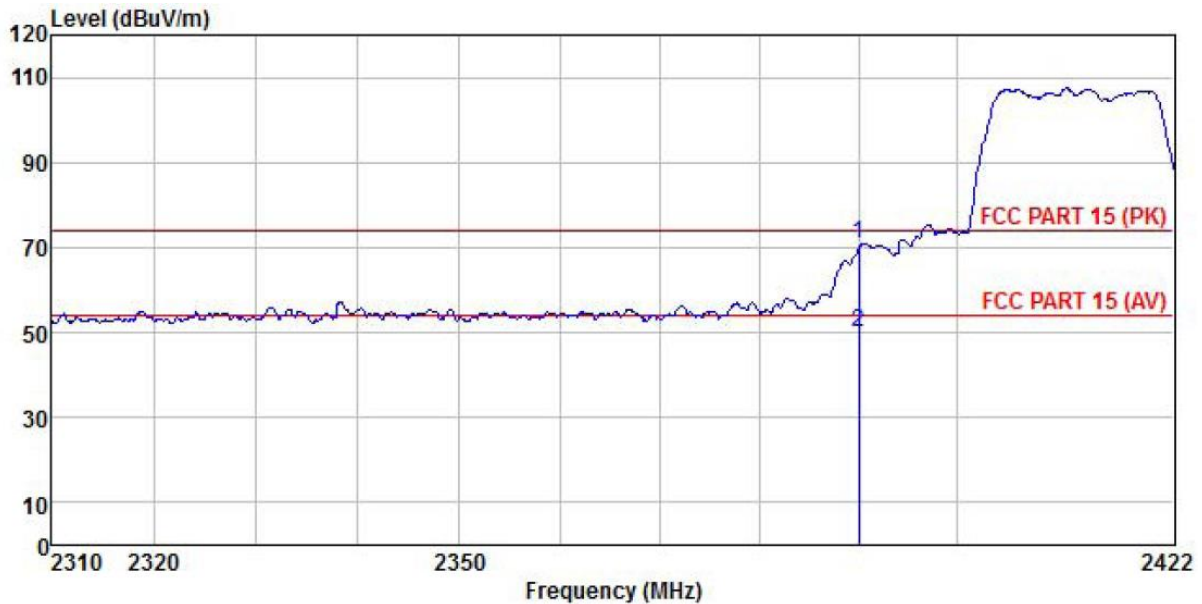
	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1	2483.500	22.26	27.35	4.81	0.00	54.42	74.00	-19.58	Peak
2	2483.500	12.56	27.35	4.81	0.00	44.72	54.00	-9.28	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11n-HT20(MIMO):

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT20) Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

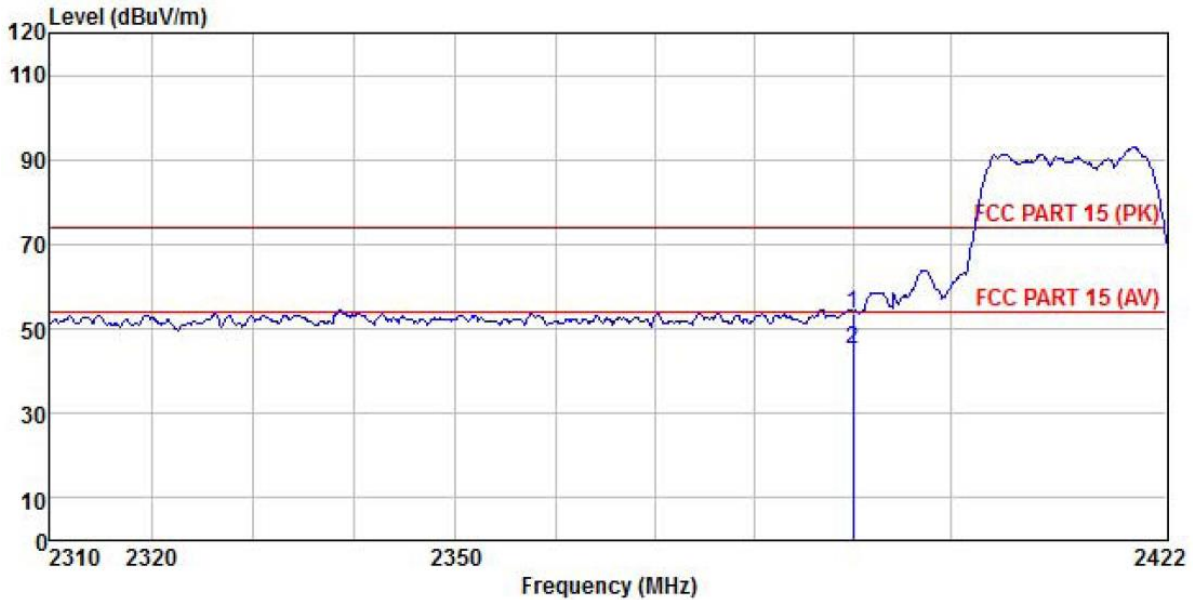


	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	39.13	27.07	4.69	0.00	70.89	74.00	-3.11	Peak
2	2390.000	18.33	27.07	4.69	0.00	50.09	54.00	-3.91	Average

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT20) Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

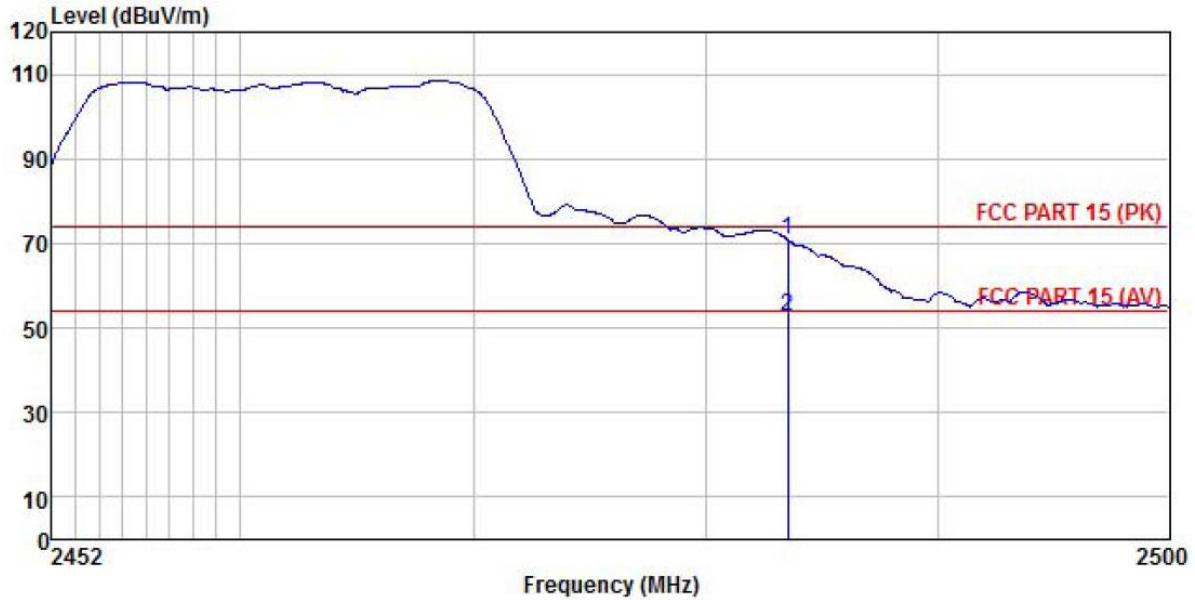


	Read	Antenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2390.000	21.96	27.08	4.69	0.00	53.73	74.00 -20.27 Peak
2	2390.000	13.53	27.08	4.69	0.00	45.30	54.00 -8.70 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT20) Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

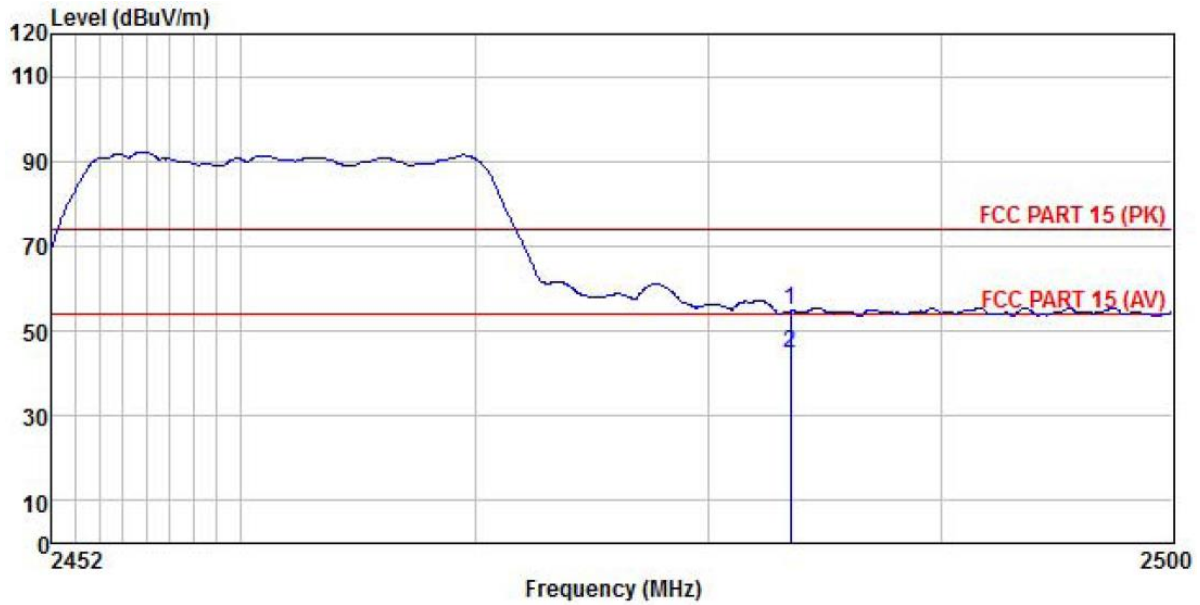


	ReadAntenna	Cable Preamp	Limit	Over					
Freq	Level	Loss	Line	Limit	Remark				
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2483.500	38.70	27.36	4.81	0.00	70.87	74.00	-3.13	Peak
2	2483.500	20.46	27.36	4.81	0.00	52.63	54.00	-1.37	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT20) Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



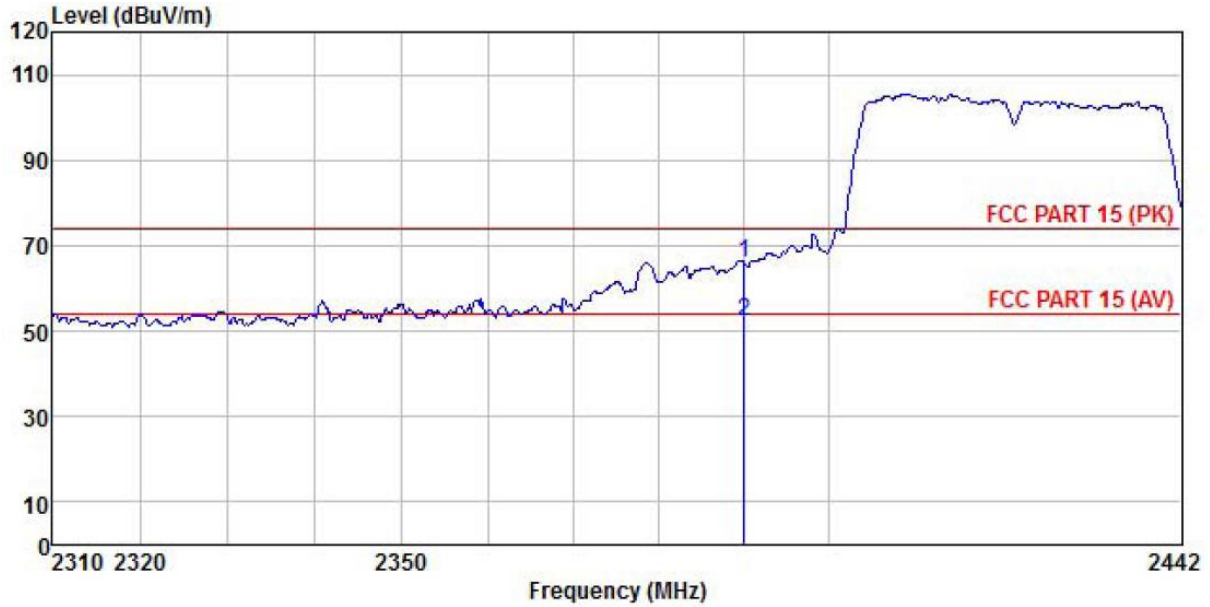
	Read Freq	Antenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	22.55	27.35	4.81	0.00	54.71	74.00	-19.29	Peak
2	2483.500	12.36	27.35	4.81	0.00	44.52	54.00	-9.48	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11n-HT40 (MIMO):

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT40) Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

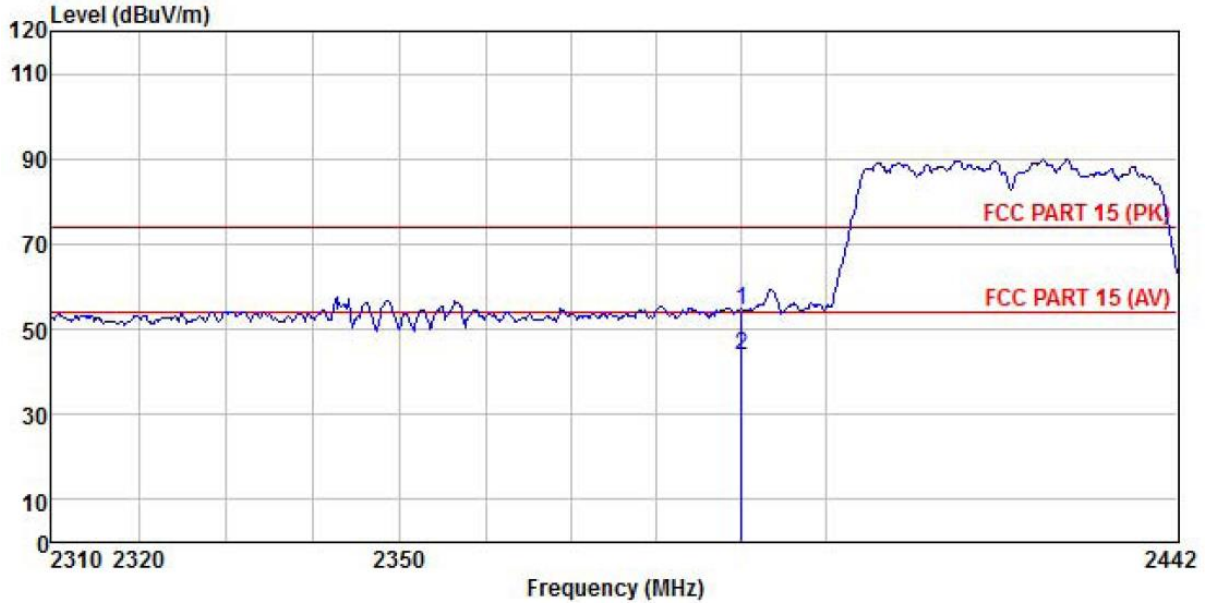


	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	34.08	27.07	4.69	0.00	65.84	74.00	-8.16	Peak
2	2390.000	20.62	27.07	4.69	0.00	52.38	54.00	-1.62	Average

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preampplier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT40) Tx mode
<b>Test Channel:</b>	Lowest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



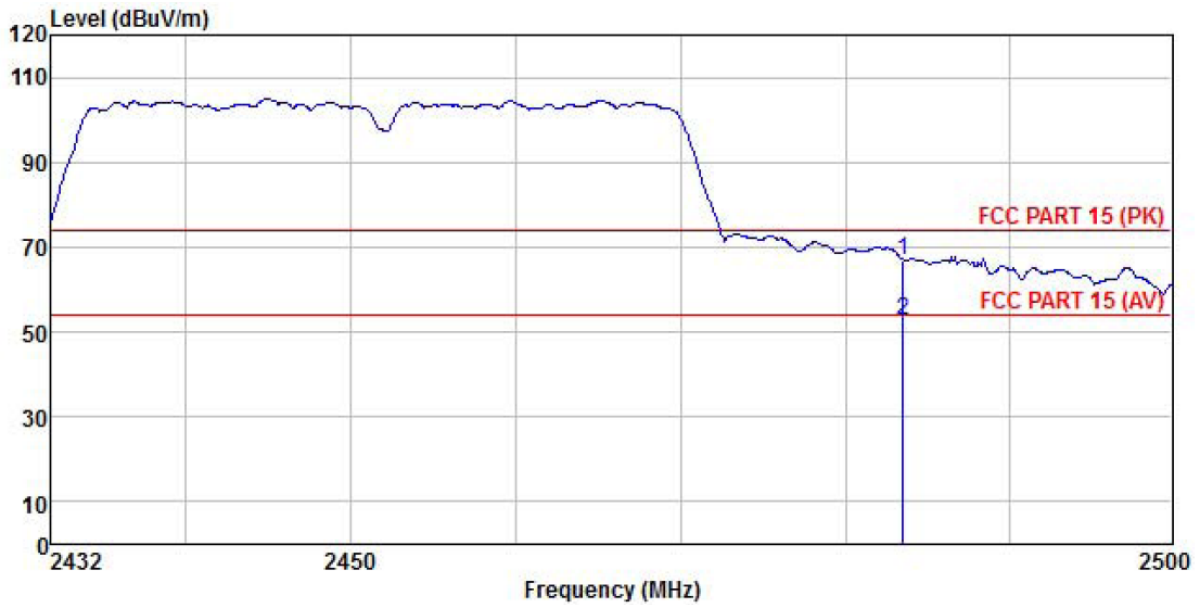
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	22.63	27.08	4.69	0.00	54.40	74.00	-19.60	Peak
2	2390.000	12.21	27.08	4.69	0.00	43.98	54.00	-10.02	Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT40) Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%

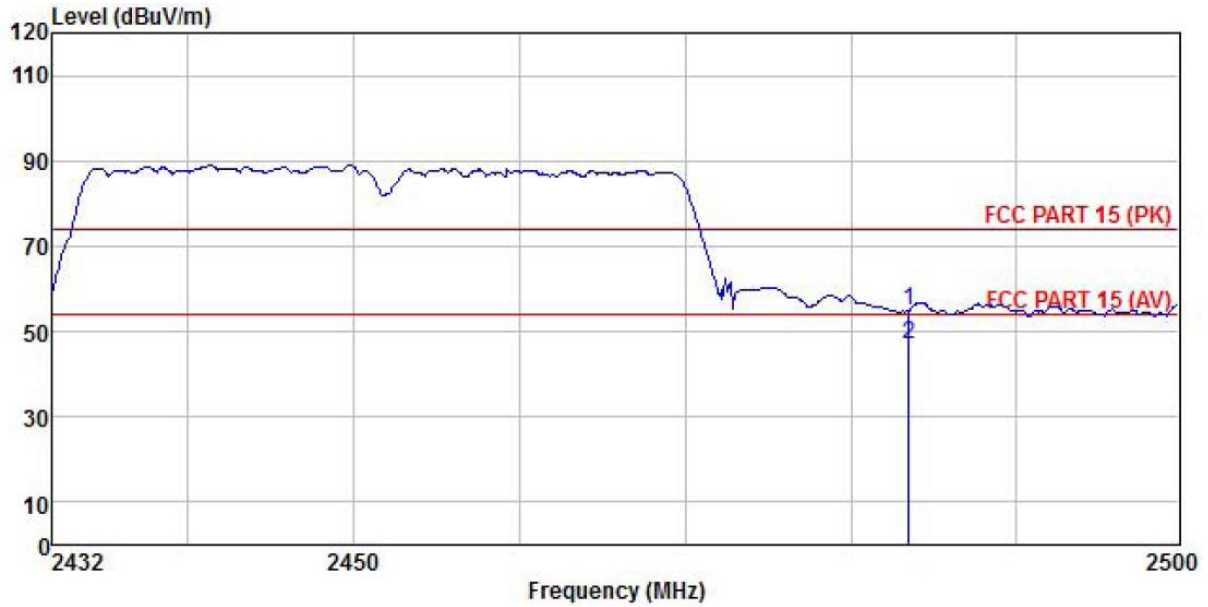


	Read	Antenna	Cable	Preamp	Level	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	34.77	27.36	4.81	0.00	66.94	74.00	-7.06 Peak
2	2483.500	20.69	27.36	4.81	0.00	52.86	54.00	-1.14 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	802.11n(HT40) Tx mode
<b>Test Channel:</b>	Highest channel	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Humi: 57%



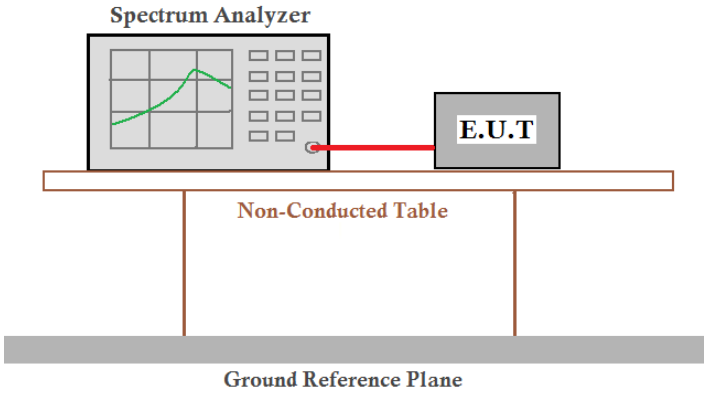
	Read	Antenna	Cable	Preamp	Level	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	22.80	27.35	4.81	0.00	54.96	74.00	-19.04 Peak
2	2483.500	14.73	27.35	4.81	0.00	46.89	54.00	-7.11 Average

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

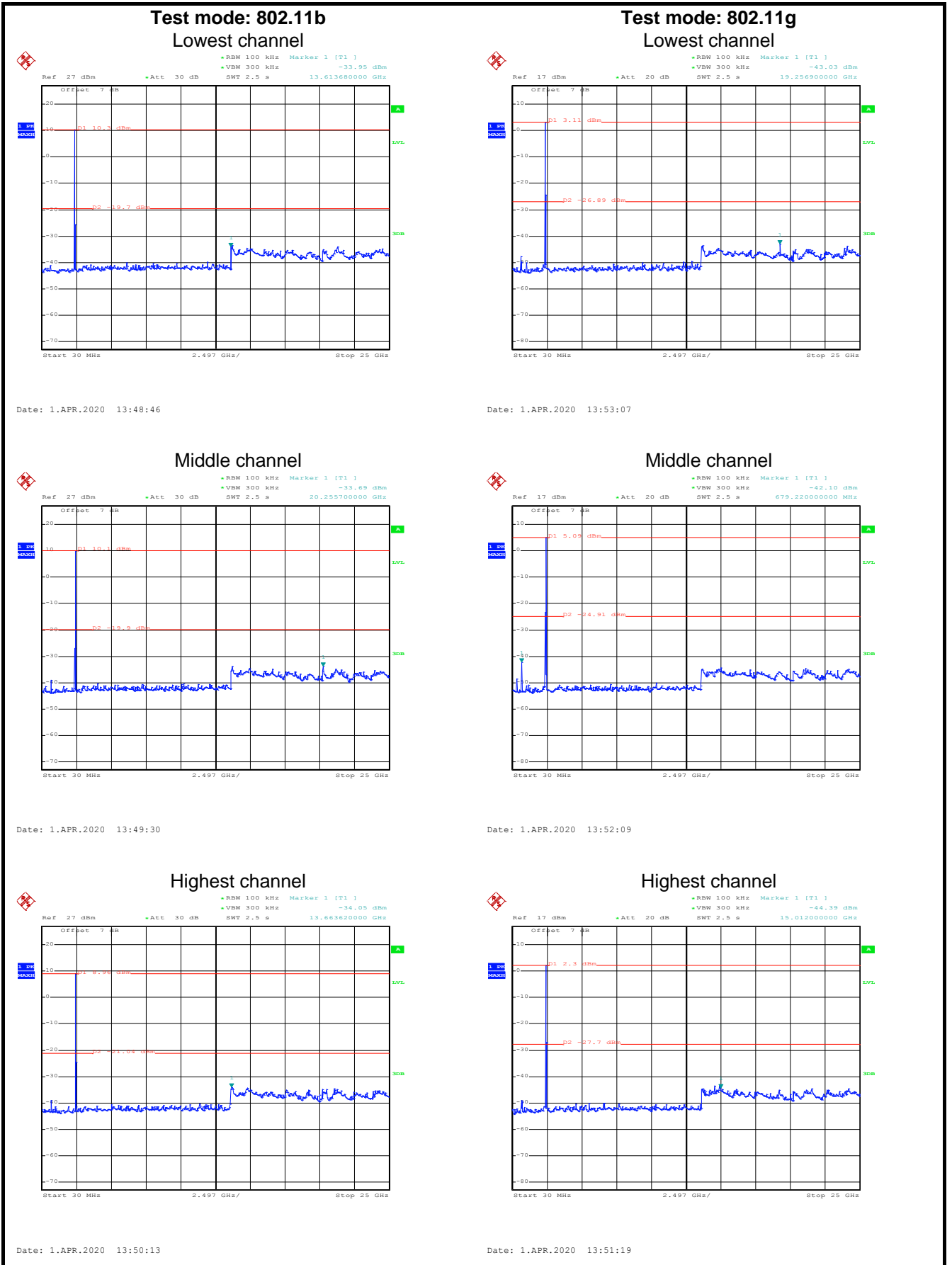
## 6.7 Spurious Emission

### 6.7.1 Conducted Emission Method

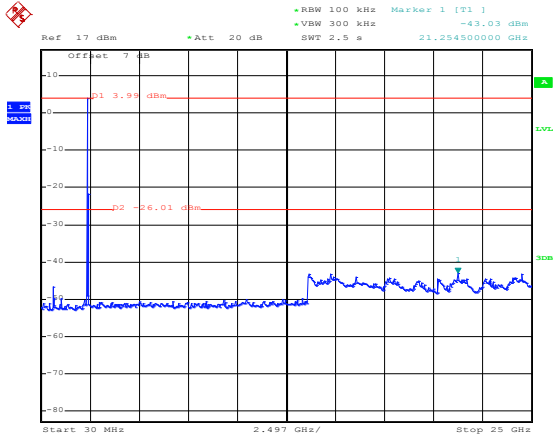
Test Requirement:	FCC Part 15 C Section 15.247 (d)
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph(b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
Test setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) 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 legs and sits on a Ground Reference Plane.</p>
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Test plot as follows:

TX 0:

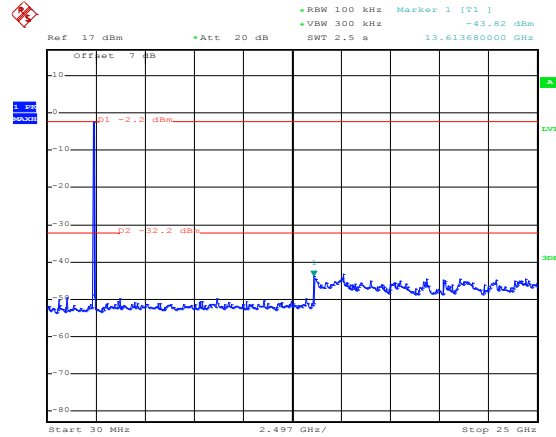


### Test mode: 802.11n(HT20) Lowest channel



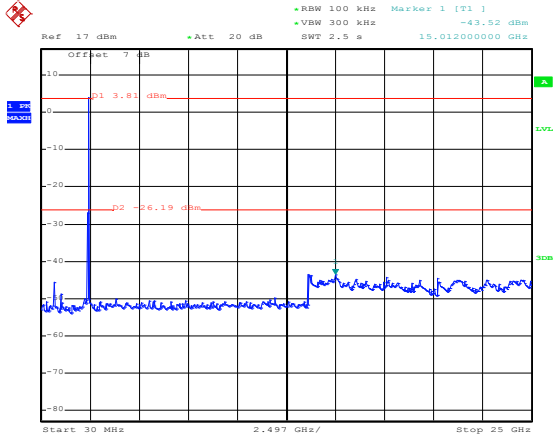
Date: 1.APR.2020 13:39:37

### Test mode: 802.11n(HT40) Lowest channel



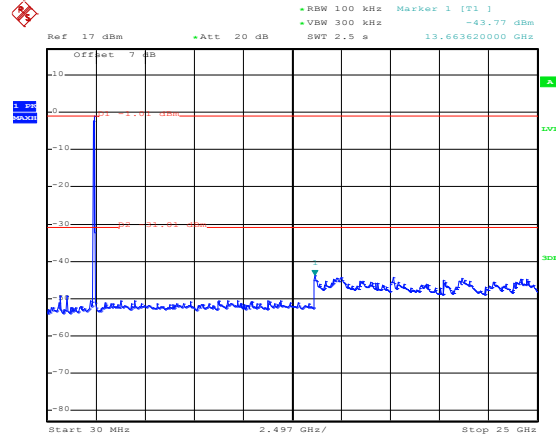
Date: 1.APR.2020 12:03:26

### Middle channel



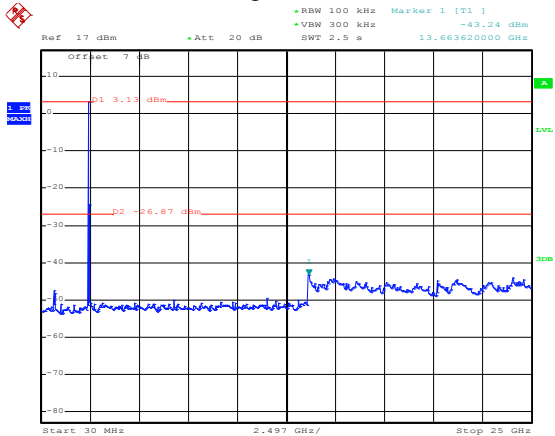
Date: 1.APR.2020 13:40:38

### Middle channel



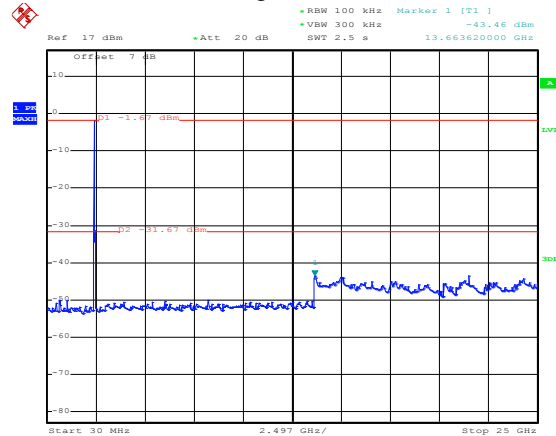
Date: 1.APR.2020 12:02:14

### Highest channel



Date: 1.APR.2020 13:41:39

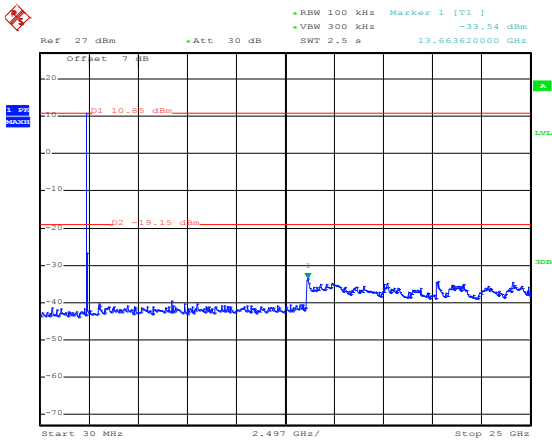
### Highest channel



Date: 1.APR.2020 12:01:23

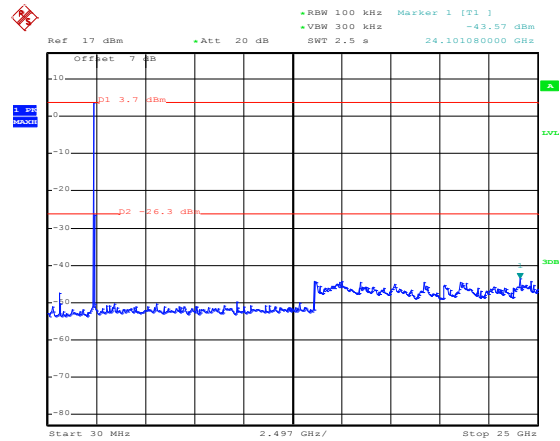
**TX 1:**

**Test mode: 802.11b**  
Lowest channel



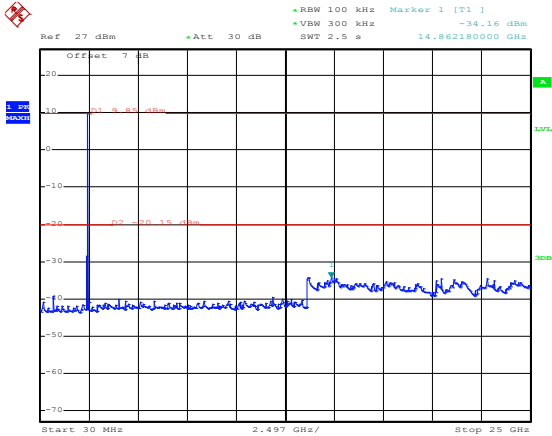
Date: 1.APR.2020 11:47:10

**Test mode: 802.11g**  
Lowest channel



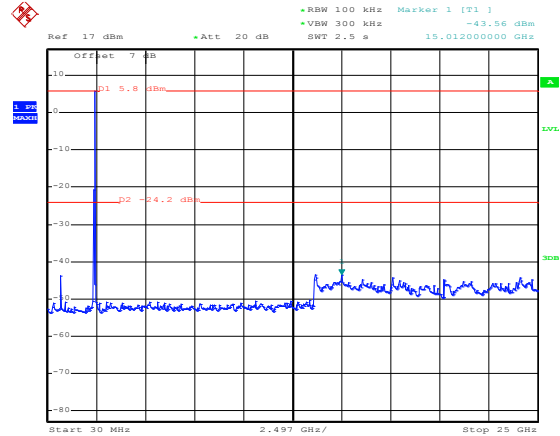
Date: 1.APR.2020 11:52:18

**Middle channel**



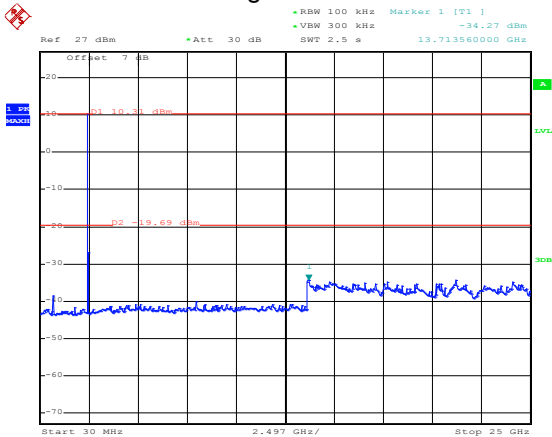
Date: 1.APR.2020 11:47:58

**Middle channel**



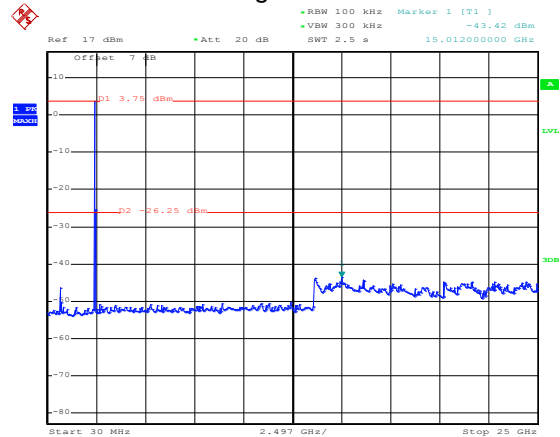
Date: 1.APR.2020 11:51:30

**Highest channel**



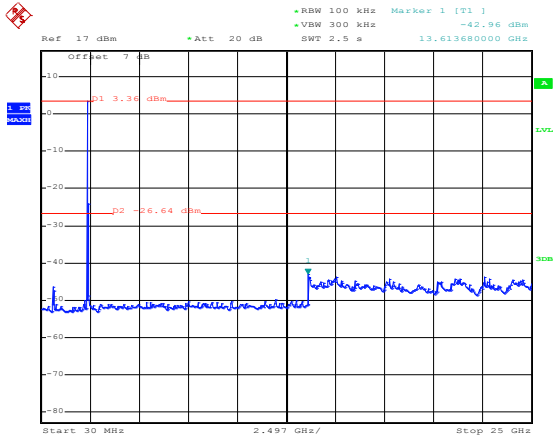
Date: 1.APR.2020 11:49:01

**Highest channel**



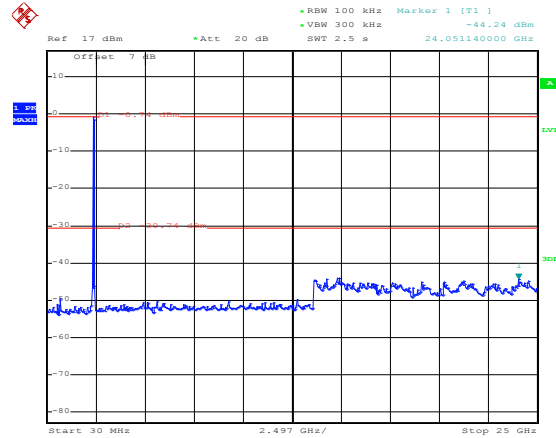
Date: 1.APR.2020 11:50:48

### Test mode: 802.11n(HT20) Lowest channel



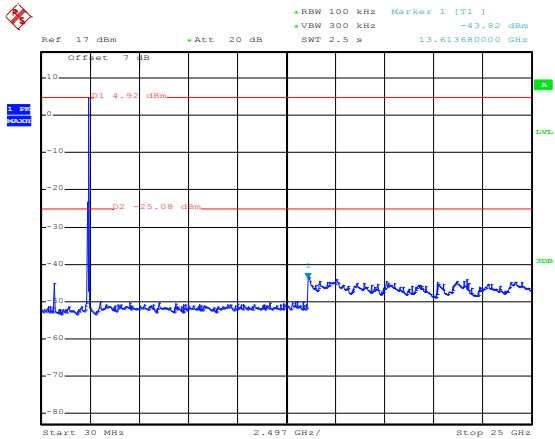
Date: 1.APR.2020 11:54:12

### Test mode: 802.11n(HT40) Lowest channel



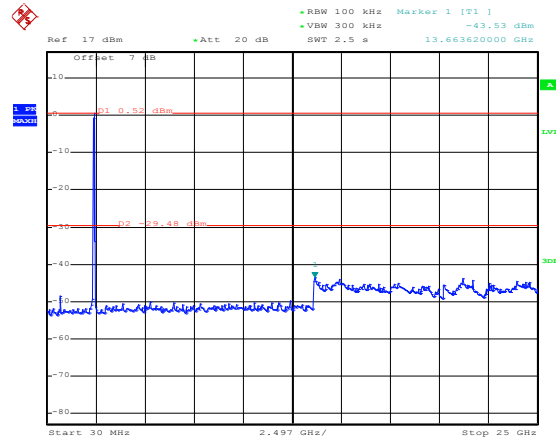
Date: 1.APR.2020 11:57:45

### Middle channel



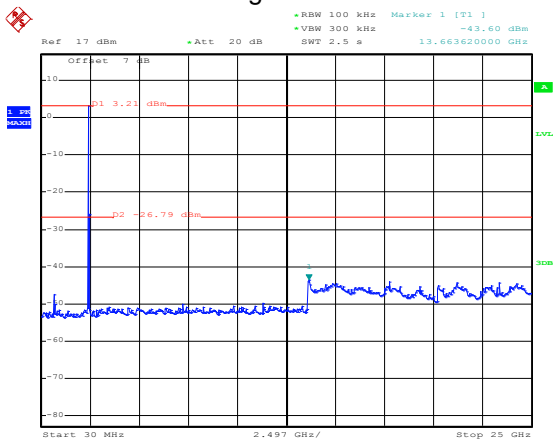
Date: 1.APR.2020 11:55:36

### Middle channel



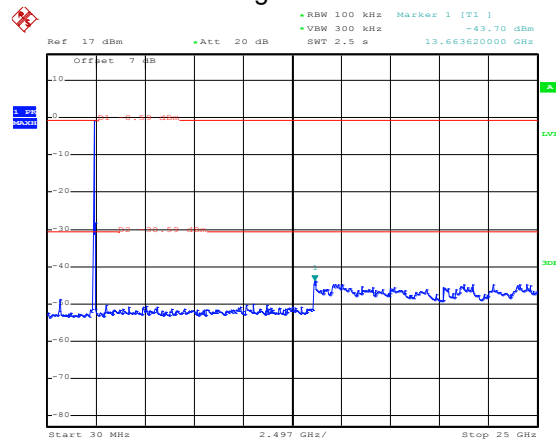
Date: 1.APR.2020 11:58:53

### Highest channel



Date: 1.APR.2020 11:56:42

### Highest channel

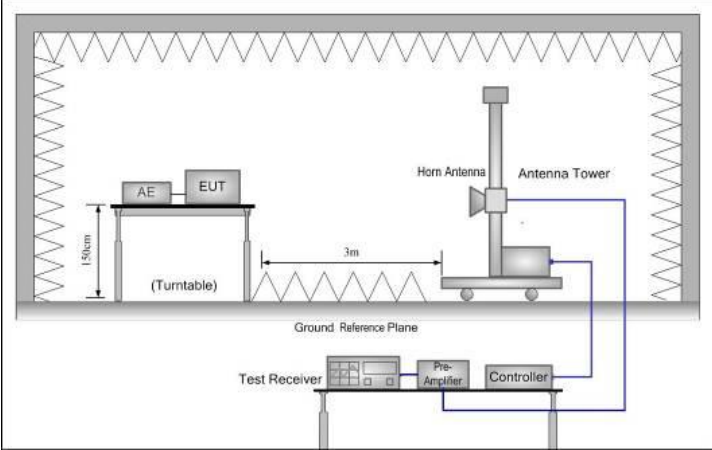


Date: 1.APR.2020 11:59:41



## 6.7.2 Radiated Emission Method

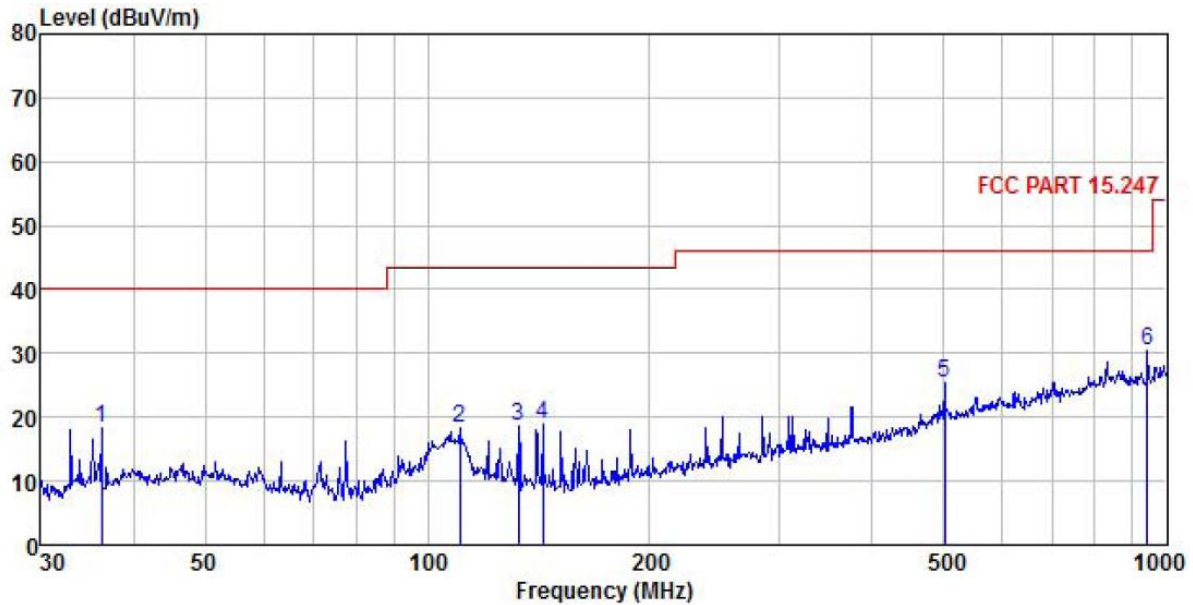
Test Requirement:	FCC Part 15 C Section 15.209 and 15.205				
Test Frequency Range:	9kHz to 25GHz				
Test Distance:	3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
RMS		1MHz	3MHz	Average Value	
Limit:	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:	<ol style="list-style-type: none"> <li>The EUT was placed on the top of a rotating table 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>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.</li> <li>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.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>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.</li> </ol>				
Test setup:	<p>Below 1GHz</p> <p>Above 1GHz</p>				

	
<p>Test Instruments:</p>	<p>Refer to section 5.9 for details</p>
<p>Test mode:</p>	<p>Refer to section 5.3 for details</p>
<p>Test results:</p>	<p>Passed</p>
<p>Remark:</p>	<ol style="list-style-type: none"> <li>1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case.</li> <li>2. 9 kHz to 30MHz is lower than the limit 20dB, so only shows the data of above 30MHz in this report.</li> </ol>

**Measurement Data (worst case):**

**Below 1GHz:**

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	Wi-Fi Tx mode
<b>Test Frequency:</b>	30 MHz ~ 1 GHz	<b>Polarization:</b>	Vertical
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C      Humi: 57%

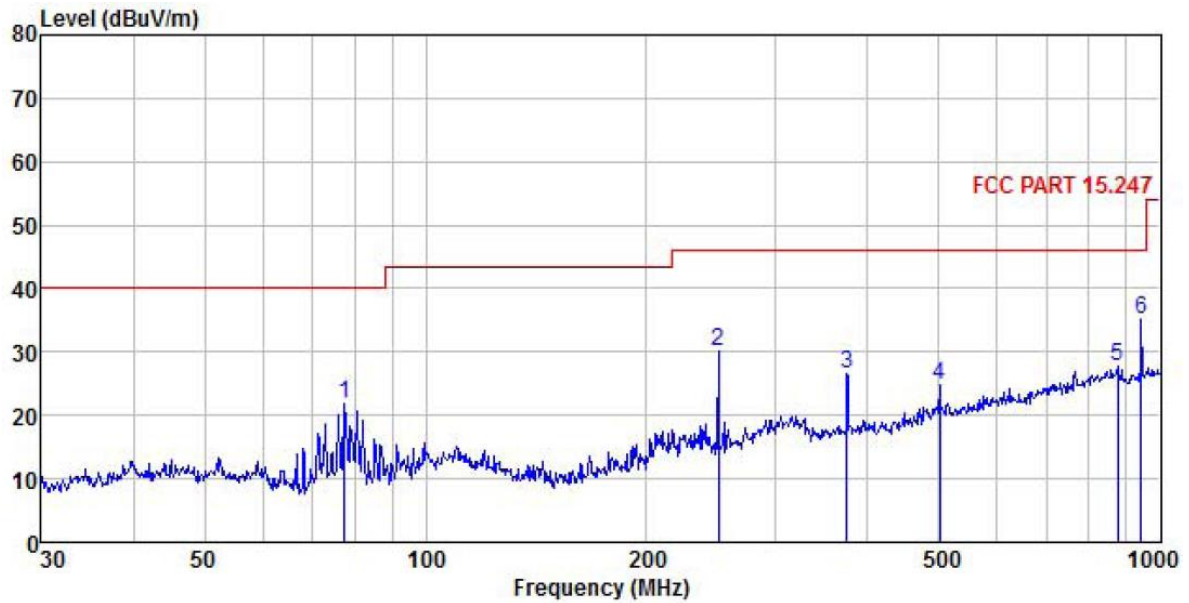


	Read	Antenna	Cable	Aux	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Factor	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dB	dBuV/m	dBuV/m	dB
1	36.254	35.75	11.50	1.11	0.00	29.94	18.42	40.00 -21.58 QP
2	110.569	34.11	11.60	2.05	0.00	29.45	18.31	43.50 -25.19 QP
3	132.685	35.58	9.99	2.32	0.00	29.31	18.58	43.50 -24.92 QP
4	143.326	36.31	9.31	2.44	0.00	29.25	18.81	43.50 -24.69 QP
5	501.179	32.66	18.20	3.63	0.00	28.96	25.53	46.00 -20.47 QP
6	942.131	31.25	22.67	4.13	0.00	27.75	30.30	46.00 -15.70 QP

**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

<b>Product Name:</b>	Komikan	<b>Product Model:</b>	Komikan
<b>Test By:</b>	Mike	<b>Test mode:</b>	Wi-Fi Tx mode
<b>Test Frequency:</b>	30 MHz ~ 1 GHz	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120/60Hz	<b>Environment:</b>	Temp: 24°C Huni: 57%



	Read	Antenna	Cable	Aux	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Factor	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dB	dBuV/m	dBuV/m	dB
1	77.593	42.29	7.70	1.64	0.00	29.66	21.97	40.00 -18.03 QP
2	250.301	43.10	12.70	2.81	0.00	28.54	30.07	46.00 -15.93 QP
3	374.623	37.25	14.95	3.09	0.00	28.67	26.62	46.00 -19.38 QP
4	501.179	32.01	18.20	3.63	0.00	28.96	24.88	46.00 -21.12 QP
5	875.247	29.33	22.55	3.95	0.00	27.94	27.89	46.00 -18.11 QP
6	942.131	35.95	22.67	4.13	0.00	27.75	35.00	46.00 -11.00 QP

**Remark:**

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

**Ceramic Antenna:**

**Above 1GHz**

802.11b-TX0									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	47.41	31.06	6.81	2.46	41.82	45.92	74.00	-28.08	Vertical
4824.00	47.31	31.06	6.81	2.46	41.82	45.82	74.00	-28.18	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	38.36	31.06	6.81	2.46	41.82	36.87	54.00	-17.13	Vertical
4824.00	38.68	31.06	6.81	2.46	41.82	37.19	54.00	-16.81	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	47.19	31.16	6.85	2.47	41.84	45.83	74.00	-28.17	Vertical
4874.00	47.07	31.16	6.85	2.47	41.84	45.71	74.00	-28.29	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	38.13	31.16	6.85	2.47	41.84	36.77	54.00	-17.23	Vertical
4874.00	38.89	31.16	6.85	2.47	41.84	37.53	54.00	-16.47	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	47.23	31.25	6.89	2.48	41.86	45.99	74.00	-28.01	Vertical
4924.00	46.74	31.25	6.89	2.48	41.86	45.50	74.00	-28.50	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	43.63	31.25	6.89	2.48	41.86	42.39	54.00	-11.61	Vertical
4924.00	42.98	31.25	6.89	2.48	41.86	41.74	54.00	-12.26	Horizontal
<i>Remark:</i>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

802.11b-TX1									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	54.68	31.06	6.81	2.46	41.82	53.19	74.00	-20.81	Vertical
4824.00	54.63	31.06	6.81	2.46	41.82	53.14	74.00	-20.86	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	52.56	31.06	6.81	2.46	41.82	51.07	54.00	-2.93	Vertical
4824.00	52.67	31.06	6.81	2.46	41.82	51.18	54.00	-2.82	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	53.47	31.16	6.85	2.47	41.84	52.11	74.00	-21.89	Vertical
4874.00	57.43	31.16	6.85	2.47	41.84	56.07	74.00	-17.93	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	50.19	31.16	6.85	2.47	41.84	48.83	54.00	-5.17	Vertical
4874.00	54.84	31.16	6.85	2.47	41.84	53.48	54.00	-0.52	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	53.41	31.25	6.89	2.48	41.86	52.17	74.00	-21.83	Vertical
4924.00	56.66	31.25	6.89	2.48	41.86	55.42	74.00	-18.58	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	51.47	31.25	6.89	2.48	41.86	50.23	54.00	-3.77	Vertical
4924.00	54.74	31.25	6.89	2.48	41.86	53.50	54.00	-0.50	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									



802.11g-TX0									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	46.98	31.06	6.81	2.46	41.82	45.49	74.00	-28.51	Vertical
4824.00	47.36	31.06	6.81	2.46	41.82	45.87	74.00	-28.13	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	38.50	31.06	6.81	2.46	41.82	37.01	54.00	-16.99	Vertical
4824.00	39.14	31.06	6.81	2.46	41.82	37.65	54.00	-16.35	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	46.56	31.16	6.85	2.47	41.84	45.20	74.00	-28.80	Vertical
4874.00	47.34	31.16	6.85	2.47	41.84	45.98	74.00	-28.02	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	38.43	31.16	6.85	2.47	41.84	37.07	54.00	-16.93	Vertical
4874.00	39.14	31.16	6.85	2.47	41.84	37.78	54.00	-16.22	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	46.24	31.25	6.89	2.48	41.86	45.00	74.00	-29.00	Vertical
4924.00	46.86	31.25	6.89	2.48	41.86	45.62	74.00	-28.38	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	38.33	31.25	6.89	2.48	41.86	37.09	54.00	-16.91	Vertical
4924.00	38.72	31.25	6.89	2.48	41.86	37.48	54.00	-16.52	Horizontal
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									



802.11g-TX1									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	51.68	31.06	6.81	2.46	41.82	50.19	74.00	-23.81	Vertical
4824.00	52.34	31.06	6.81	2.46	41.82	50.85	74.00	-23.15	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	48.67	31.06	6.81	2.46	41.82	47.18	54.00	-6.82	Vertical
4824.00	50.89	31.06	6.81	2.46	41.82	49.40	54.00	-4.60	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	51.54	31.16	6.85	2.47	41.84	50.18	74.00	-23.82	Vertical
4874.00	52.17	31.16	6.85	2.47	41.84	50.81	74.00	-23.19	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	48.40	31.16	6.85	2.47	41.84	47.04	54.00	-6.96	Vertical
4874.00	50.59	31.16	6.85	2.47	41.84	49.23	54.00	-4.77	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	51.53	31.25	6.89	2.48	41.86	50.29	74.00	-23.71	Vertical
4924.00	52.05	31.25	6.89	2.48	41.86	50.81	74.00	-23.19	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	48.78	31.25	6.89	2.48	41.86	47.54	54.00	-6.46	Vertical
4924.00	50.62	31.25	6.89	2.48	41.86	49.38	54.00	-4.62	Horizontal
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

802.11n-HT20(MIMO)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	49.52	31.06	6.81	2.46	41.82	48.03	74.00	-25.97	Vertical
4824.00	52.47	31.06	6.81	2.46	41.82	50.98	74.00	-23.02	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	46.44	31.06	6.81	2.46	41.82	44.95	54.00	-9.05	Vertical
4824.00	49.65	31.06	6.81	2.46	41.82	48.16	54.00	-5.84	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	49.63	31.16	6.85	2.47	41.84	48.27	74.00	-25.73	Vertical
4874.00	52.64	31.16	6.85	2.47	41.84	51.28	74.00	-22.72	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	46.35	31.16	6.85	2.47	41.84	44.99	54.00	-9.01	Vertical
4874.00	49.33	31.16	6.85	2.47	41.84	47.97	54.00	-6.03	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	49.10	31.25	6.89	2.48	41.86	47.86	74.00	-26.14	Vertical
4924.00	52.58	31.25	6.89	2.48	41.86	51.34	74.00	-22.66	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	46.37	31.25	6.89	2.48	41.86	45.13	54.00	-8.87	Vertical
4924.00	49.86	31.25	6.89	2.48	41.86	48.62	54.00	-5.38	Horizontal
<i>Remark:</i> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

802.11n-HT40(MIMO)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4844.00	49.93	31.10	6.83	2.46	41.83	48.49	74.00	-25.51	Vertical
4844.00	52.94	31.10	6.83	2.46	41.83	51.50	74.00	-22.50	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4844.00	46.76	31.10	6.83	2.46	41.83	45.32	54.00	-8.68	Vertical
4844.00	49.29	31.10	6.83	2.46	41.83	47.85	54.00	-6.15	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	49.63	31.16	6.85	2.47	41.84	48.27	74.00	-25.73	Vertical
4874.00	53.40	31.16	6.85	2.47	41.84	52.04	74.00	-21.96	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	47.24	31.16	6.85	2.47	41.84	45.88	54.00	-8.12	Vertical
4874.00	49.50	31.16	6.85	2.47	41.84	48.14	54.00	-5.86	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4904.00	49.35	31.22	6.87	2.48	41.85	48.07	74.00	-25.93	Vertical
4904.00	53.77	31.22	6.87	2.48	41.85	52.49	74.00	-21.51	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4904.00	47.00	31.22	6.87	2.48	41.85	45.72	54.00	-8.28	Vertical
4904.00	49.92	31.22	6.87	2.48	41.85	48.64	54.00	-5.36	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

**Flex Antenna:**

**Above 1GHz**

802.11b-TX0									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	48.85	31.06	6.81	2.46	41.82	47.36	74.00	-26.64	Vertical
4824.00	47.80	31.06	6.81	2.46	41.82	46.31	74.00	-27.69	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	43.65	31.06	6.81	2.46	41.82	42.16	54.00	-11.84	Vertical
4824.00	43.61	31.06	6.81	2.46	41.82	42.12	54.00	-11.88	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	48.93	31.16	6.85	2.47	41.84	47.57	74.00	-26.43	Vertical
4874.00	47.80	31.16	6.85	2.47	41.84	46.44	74.00	-27.56	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	43.99	31.16	6.85	2.47	41.84	42.63	54.00	-11.37	Vertical
4874.00	43.73	31.16	6.85	2.47	41.84	42.37	54.00	-11.63	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	49.09	31.25	6.89	2.48	41.86	47.85	74.00	-26.15	Vertical
4924.00	47.72	31.25	6.89	2.48	41.86	46.48	74.00	-27.52	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	43.53	31.25	6.89	2.48	41.86	42.29	54.00	-11.71	Vertical
4924.00	43.39	31.25	6.89	2.48	41.86	42.15	54.00	-11.85	Horizontal
<i>Remark:</i>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

802.11b-TX1									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	51.21	31.06	6.81	2.46	41.82	49.72	74.00	-24.28	Vertical
4824.00	50.14	31.06	6.81	2.46	41.82	48.65	74.00	-25.35	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	42.05	31.06	6.81	2.46	41.82	40.56	54.00	-13.44	Vertical
4824.00	41.36	31.06	6.81	2.46	41.82	39.87	54.00	-14.13	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	50.43	31.16	6.85	2.47	41.84	49.07	74.00	-24.93	Vertical
4874.00	52.55	31.16	6.85	2.47	41.84	51.19	74.00	-22.81	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	48.15	31.16	6.85	2.47	41.84	46.79	54.00	-7.21	Vertical
4874.00	50.42	31.16	6.85	2.47	41.84	49.06	54.00	-4.94	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	50.87	31.25	6.89	2.48	41.86	49.63	74.00	-24.37	Vertical
4924.00	52.68	31.25	6.89	2.48	41.86	51.44	74.00	-22.56	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	48.41	31.25	6.89	2.48	41.86	47.17	54.00	-6.83	Vertical
4924.00	50.08	31.25	6.89	2.48	41.86	48.84	54.00	-5.16	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

802.11g-TX0									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	49.03	31.06	6.81	2.46	41.82	47.54	74.00	-26.46	Vertical
4824.00	47.56	31.06	6.81	2.46	41.82	46.07	74.00	-27.93	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	43.51	31.06	6.81	2.46	41.82	42.02	54.00	-11.98	Vertical
4824.00	43.02	31.06	6.81	2.46	41.82	41.53	54.00	-12.47	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	49.11	31.16	6.85	2.47	41.84	47.75	74.00	-26.25	Vertical
4874.00	47.16	31.16	6.85	2.47	41.84	45.80	74.00	-28.20	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	43.93	31.16	6.85	2.47	41.84	42.57	54.00	-11.43	Vertical
4874.00	42.53	31.16	6.85	2.47	41.84	41.17	54.00	-12.83	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	49.57	31.25	6.89	2.48	41.86	48.33	74.00	-25.67	Vertical
4924.00	47.58	31.25	6.89	2.48	41.86	46.34	74.00	-27.66	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	43.67	31.25	6.89	2.48	41.86	42.43	54.00	-11.57	Vertical
4924.00	42.35	31.25	6.89	2.48	41.86	41.11	54.00	-12.89	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									



802.11g-TX1									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	50.25	31.06	6.81	2.46	41.82	48.76	74.00	-25.24	Vertical
4824.00	52.12	31.06	6.81	2.46	41.82	50.63	74.00	-23.37	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	48.56	31.06	6.81	2.46	41.82	47.07	54.00	-6.93	Vertical
4824.00	50.21	31.06	6.81	2.46	41.82	48.72	54.00	-5.28	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	50.28	31.16	6.85	2.47	41.84	48.92	74.00	-25.08	Vertical
4874.00	52.33	31.16	6.85	2.47	41.84	50.97	74.00	-23.03	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	48.82	31.16	6.85	2.47	41.84	47.46	54.00	-6.54	Vertical
4874.00	50.40	31.16	6.85	2.47	41.84	49.04	54.00	-4.96	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	50.74	31.25	6.89	2.48	41.86	49.50	74.00	-24.50	Vertical
4924.00	52.42	31.25	6.89	2.48	41.86	51.18	74.00	-22.82	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	48.46	31.25	6.89	2.48	41.86	47.22	54.00	-6.78	Vertical
4924.00	50.76	31.25	6.89	2.48	41.86	49.52	54.00	-4.48	Horizontal
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									



802.11n-HT20(MIMO)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	47.75	31.06	6.81	2.46	41.82	46.26	74.00	-27.74	Vertical
4824.00	47.24	31.06	6.81	2.46	41.82	45.75	74.00	-28.25	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	40.05	31.06	6.81	2.46	41.82	38.56	54.00	-15.44	Vertical
4824.00	39.48	31.06	6.81	2.46	41.82	37.99	54.00	-16.01	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	47.55	31.16	6.85	2.47	41.84	46.19	74.00	-27.81	Vertical
4874.00	47.13	31.16	6.85	2.47	41.84	45.77	74.00	-28.23	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	39.83	31.16	6.85	2.47	41.84	38.47	54.00	-15.53	Vertical
4874.00	39.58	31.16	6.85	2.47	41.84	38.22	54.00	-15.78	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	47.40	31.25	6.89	2.48	41.86	46.16	74.00	-27.84	Vertical
4924.00	46.80	31.25	6.89	2.48	41.86	45.56	74.00	-28.44	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	39.87	31.25	6.89	2.48	41.86	38.63	54.00	-15.37	Vertical
4924.00	39.73	31.25	6.89	2.48	41.86	38.49	54.00	-15.51	Horizontal
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

802.11n-HT40(MIMO)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4844.00	48.18	31.10	6.83	2.46	41.83	46.74	74.00	-27.26	Vertical
4844.00	47.58	31.10	6.83	2.46	41.83	46.14	74.00	-27.86	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4844.00	40.26	31.10	6.83	2.46	41.83	38.82	54.00	-15.18	Vertical
4844.00	39.41	31.10	6.83	2.46	41.83	37.97	54.00	-16.03	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	48.50	31.16	6.85	2.47	41.84	47.14	74.00	-26.86	Vertical
4874.00	47.32	31.16	6.85	2.47	41.84	45.96	74.00	-28.04	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	40.34	31.16	6.85	2.47	41.84	38.98	54.00	-15.02	Vertical
4874.00	39.68	31.16	6.85	2.47	41.84	38.32	54.00	-15.68	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4904.00	48.75	31.22	6.87	2.48	41.85	47.47	74.00	-26.53	Vertical
4904.00	47.10	31.22	6.87	2.48	41.85	45.82	74.00	-28.18	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4904.00	39.94	31.22	6.87	2.48	41.85	38.66	54.00	-15.34	Vertical
4904.00	39.55	31.22	6.87	2.48	41.85	38.27	54.00	-15.73	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

**Whip Antenna:**

**Above 1GHz**

802.11b-TX0									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	49.17	31.06	6.81	2.46	41.82	47.68	74.00	-26.32	Vertical
4824.00	47.66	31.06	6.81	2.46	41.82	46.17	74.00	-27.83	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	40.03	31.06	6.81	2.46	41.82	38.54	54.00	-15.46	Vertical
4824.00	38.66	31.06	6.81	2.46	41.82	37.17	54.00	-16.83	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	48.76	31.16	6.85	2.47	41.84	47.40	74.00	-26.60	Vertical
4874.00	48.10	31.16	6.85	2.47	41.84	46.74	74.00	-27.26	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	39.68	31.16	6.85	2.47	41.84	38.32	54.00	-15.68	Vertical
4874.00	38.62	31.16	6.85	2.47	41.84	37.26	54.00	-16.74	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	48.88	31.25	6.89	2.48	41.86	47.64	74.00	-26.36	Vertical
4924.00	48.10	31.25	6.89	2.48	41.86	46.86	74.00	-27.14	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	39.97	31.25	6.89	2.48	41.86	38.73	54.00	-15.27	Vertical
4924.00	38.31	31.25	6.89	2.48	41.86	37.07	54.00	-16.93	Horizontal
<i>Remark:</i>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

802.11b-TX1									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	53.73	31.06	6.81	2.46	41.82	52.24	74.00	-21.76	Vertical
4824.00	48.74	31.06	6.81	2.46	41.82	47.25	74.00	-26.75	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	51.50	31.06	6.81	2.46	41.82	50.01	54.00	-3.99	Vertical
4824.00	45.85	31.06	6.81	2.46	41.82	44.36	54.00	-9.64	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	53.79	31.16	6.85	2.47	41.84	52.43	74.00	-21.57	Vertical
4874.00	48.28	31.16	6.85	2.47	41.84	46.92	74.00	-27.08	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	51.59	31.16	6.85	2.47	41.84	50.23	54.00	-3.77	Vertical
4874.00	45.40	31.16	6.85	2.47	41.84	44.04	54.00	-9.96	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	53.84	31.25	6.89	2.48	41.86	52.60	74.00	-21.40	Vertical
4924.00	48.93	31.25	6.89	2.48	41.86	47.69	74.00	-26.31	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	51.63	31.25	6.89	2.48	41.86	50.39	54.00	-3.61	Vertical
4924.00	46.05	31.25	6.89	2.48	41.86	44.81	54.00	-9.19	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									

802.11g-TX0									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	47.43	31.06	6.81	2.46	41.82	45.94	74.00	-28.06	Vertical
4824.00	47.21	31.06	6.81	2.46	41.82	45.72	74.00	-28.28	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	38.83	31.06	6.81	2.46	41.82	37.34	54.00	-16.66	Vertical
4824.00	39.40	31.06	6.81	2.46	41.82	37.91	54.00	-16.09	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	47.36	31.16	6.85	2.47	41.84	46.00	74.00	-28.00	Vertical
4874.00	46.76	31.16	6.85	2.47	41.84	45.40	74.00	-28.60	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	39.15	31.16	6.85	2.47	41.84	37.79	54.00	-16.21	Vertical
4874.00	39.34	31.16	6.85	2.47	41.84	37.98	54.00	-16.02	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	47.03	31.25	6.89	2.48	41.86	45.79	74.00	-28.21	Vertical
4924.00	47.16	31.25	6.89	2.48	41.86	45.92	74.00	-28.08	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	39.14	31.25	6.89	2.48	41.86	37.90	54.00	-16.10	Vertical
4924.00	39.75	31.25	6.89	2.48	41.86	38.51	54.00	-15.49	Horizontal
<i>Remark:</i>									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.</i>									
2. <i>The emission levels of other frequencies are lower than the limit 20dB and not show in test report.</i>									

802.11g-TX1									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	50.21	31.06	6.81	2.46	41.82	48.72	74.00	-25.28	Vertical
4824.00	48.96	31.06	6.81	2.46	41.82	47.47	74.00	-26.53	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	46.37	31.06	6.81	2.46	41.82	44.88	54.00	-9.12	Vertical
4824.00	39.89	31.06	6.81	2.46	41.82	38.40	54.00	-15.60	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	50.69	31.16	6.85	2.47	41.84	49.33	74.00	-24.67	Vertical
4874.00	48.74	31.16	6.85	2.47	41.84	47.38	74.00	-26.62	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	46.11	31.16	6.85	2.47	41.84	44.75	54.00	-9.25	Vertical
4874.00	40.21	31.16	6.85	2.47	41.84	38.85	54.00	-15.15	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	50.71	31.25	6.89	2.48	41.86	49.47	74.00	-24.53	Vertical
4924.00	48.97	31.25	6.89	2.48	41.86	47.73	74.00	-26.27	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	46.59	31.25	6.89	2.48	41.86	45.35	54.00	-8.65	Vertical
4924.00	40.34	31.25	6.89	2.48	41.86	39.10	54.00	-14.90	Horizontal
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									



802.11n-HT20(MIMO)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	47.28	31.06	6.81	2.46	41.82	45.79	74.00	-28.21	Vertical
4824.00	48.29	31.06	6.81	2.46	41.82	46.80	74.00	-27.20	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4824.00	38.85	31.06	6.81	2.46	41.82	37.36	54.00	-16.64	Vertical
4824.00	39.19	31.06	6.81	2.46	41.82	37.70	54.00	-16.30	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	47.08	31.16	6.85	2.47	41.84	45.72	74.00	-28.28	Vertical
4874.00	48.45	31.16	6.85	2.47	41.84	47.09	74.00	-26.91	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	38.97	31.16	6.85	2.47	41.84	37.61	54.00	-16.39	Vertical
4874.00	38.89	31.16	6.85	2.47	41.84	37.53	54.00	-16.47	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	47.09	31.25	6.89	2.48	41.86	45.85	74.00	-28.15	Vertical
4924.00	48.48	31.25	6.89	2.48	41.86	47.24	74.00	-26.76	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4924.00	39.29	31.25	6.89	2.48	41.86	38.05	54.00	-15.95	Vertical
4924.00	38.93	31.25	6.89	2.48	41.86	37.69	54.00	-16.31	Horizontal
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									



802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4844.00	46.60	31.10	6.83	2.46	41.83	45.16	74.00	-28.84	Vertical
4844.00	48.10	31.10	6.83	2.46	41.83	46.66	74.00	-27.34	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4844.00	39.27	31.10	6.83	2.46	41.83	37.83	54.00	-16.17	Vertical
4844.00	39.09	31.10	6.83	2.46	41.83	37.65	54.00	-16.35	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	46.16	31.16	6.85	2.47	41.84	44.80	74.00	-29.20	Vertical
4874.00	48.28	31.16	6.85	2.47	41.84	46.92	74.00	-27.08	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4874.00	38.87	31.16	6.85	2.47	41.84	37.51	54.00	-16.49	Vertical
4874.00	39.14	31.16	6.85	2.47	41.84	37.78	54.00	-16.22	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4904.00	45.72	31.22	6.87	2.48	41.85	44.44	74.00	-29.56	Vertical
4904.00	48.45	31.22	6.87	2.48	41.85	47.17	74.00	-26.83	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4904.00	38.92	31.22	6.87	2.48	41.85	37.64	54.00	-16.36	Vertical
4904.00	38.67	31.22	6.87	2.48	41.85	37.39	54.00	-16.61	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.									