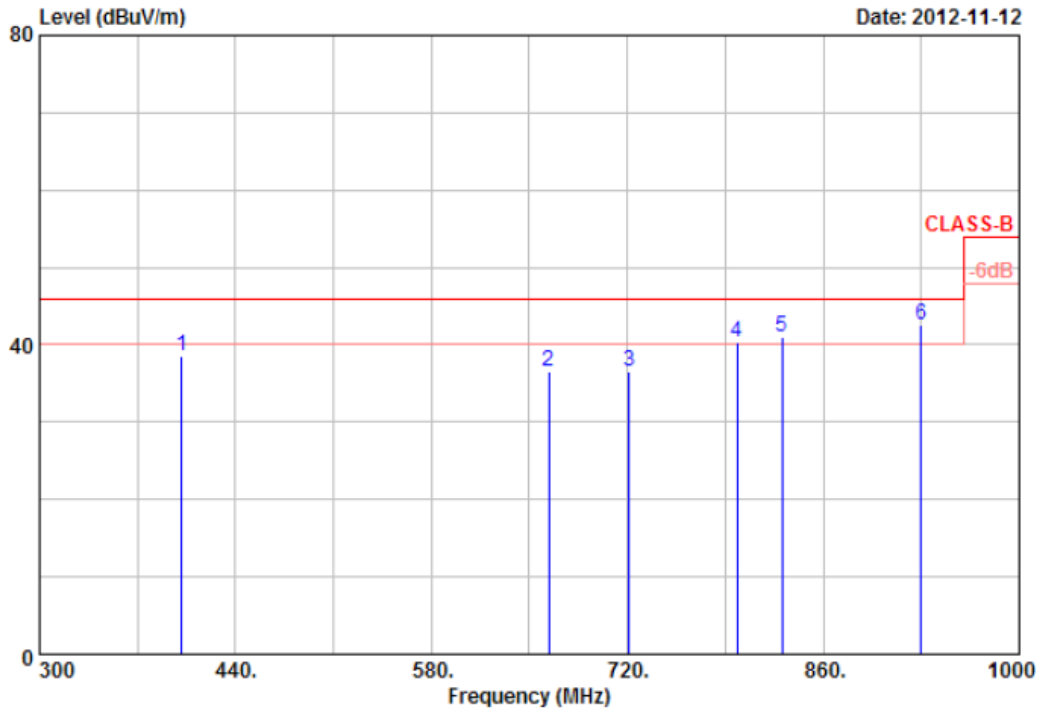




Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: 802.11n HT40, CH3	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



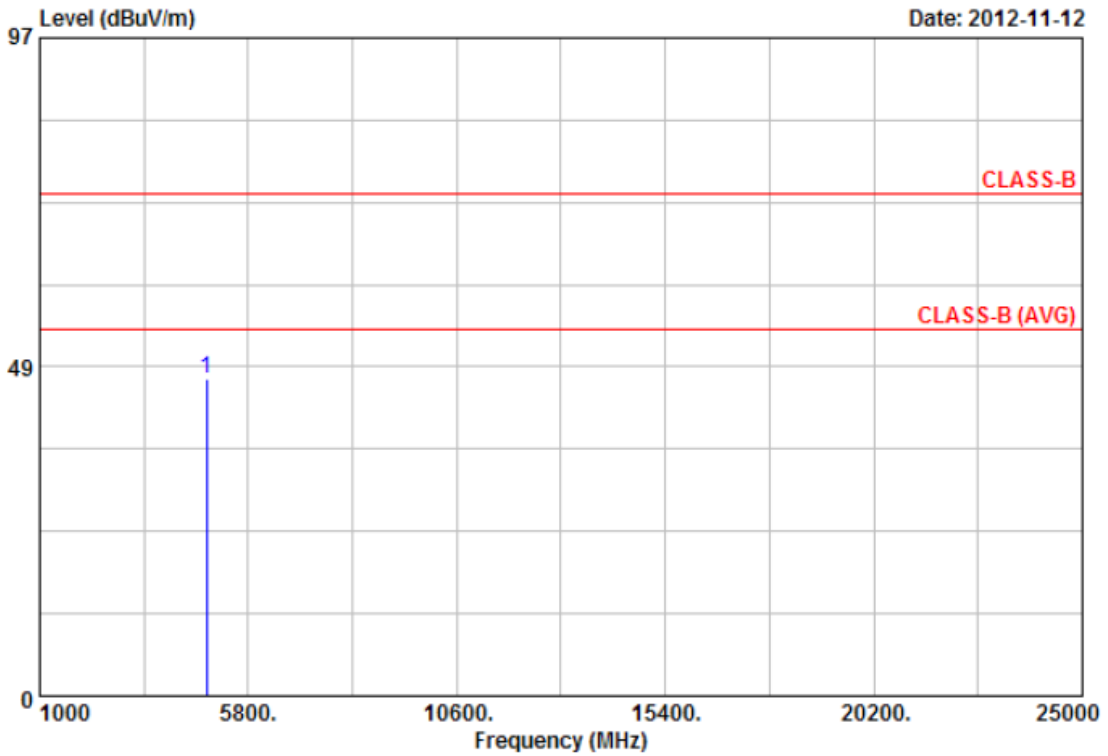
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	401.50	47.57	-9.02	38.55	46.00	-7.45	Peak	100	0
2	664.00	36.66	-0.22	36.44	46.00	-9.56	Peak	100	0
3	721.40	32.57	3.99	36.56	46.00	-9.44	Peak	100	0
4	798.40	34.17	6.07	40.24	46.00	-5.76	QP	100	0
5	830.60	32.49	8.59	41.08	46.00	-4.92	QP	100	0
6	930.00	35.67	6.82	42.49	46.00	-3.51	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode. Only worst case data concluded above were presented in this test report.
5. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: 802.11n HT40, CH3	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



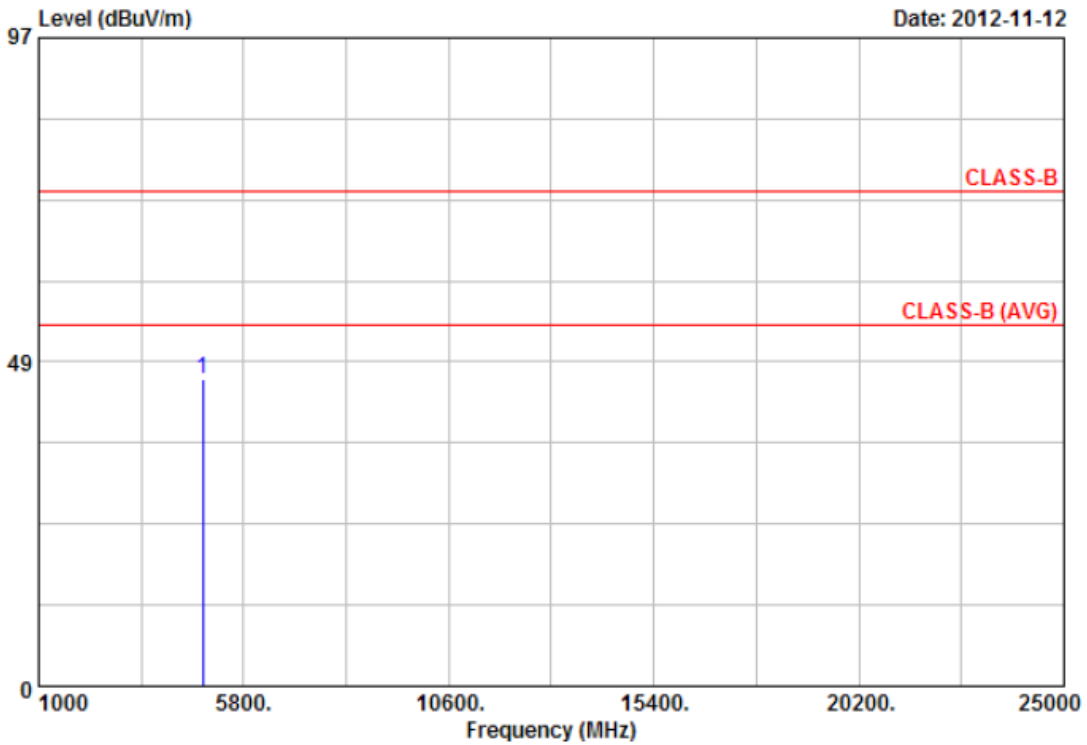
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4846.26	40.65	6.05	46.70	74.00	-27.30	Peak	130	201

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: 802.11n HT40, CH3	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



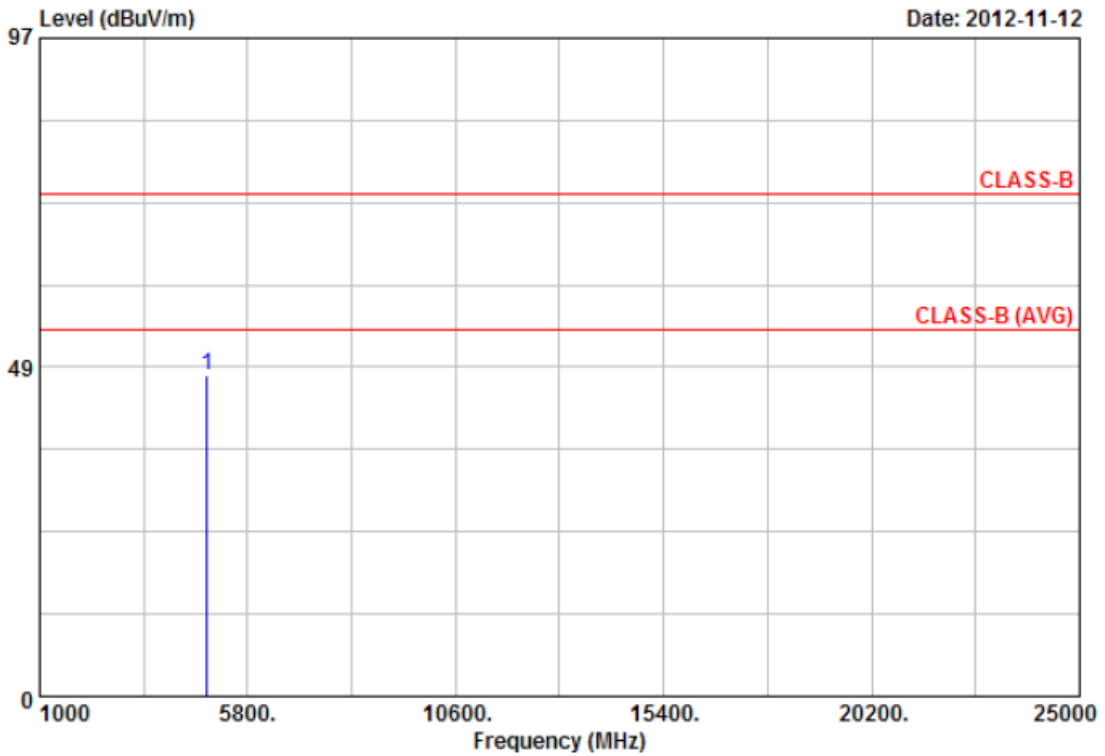
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.15	41.67	4.26	45.93	74.00	-28.07	Peak	130	58

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: 802.11n HT40, CH6	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



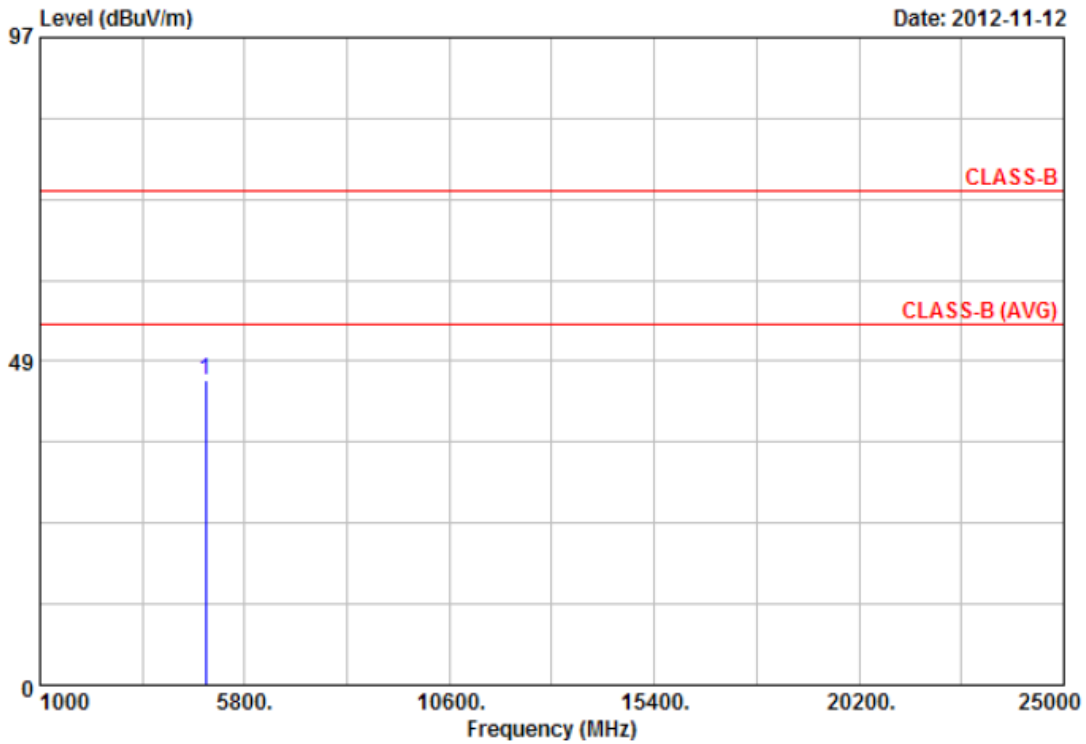
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4871.99	40.83	6.55	47.38	74.00	-26.62	Peak	130	201

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: 802.11n HT40, CH6	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



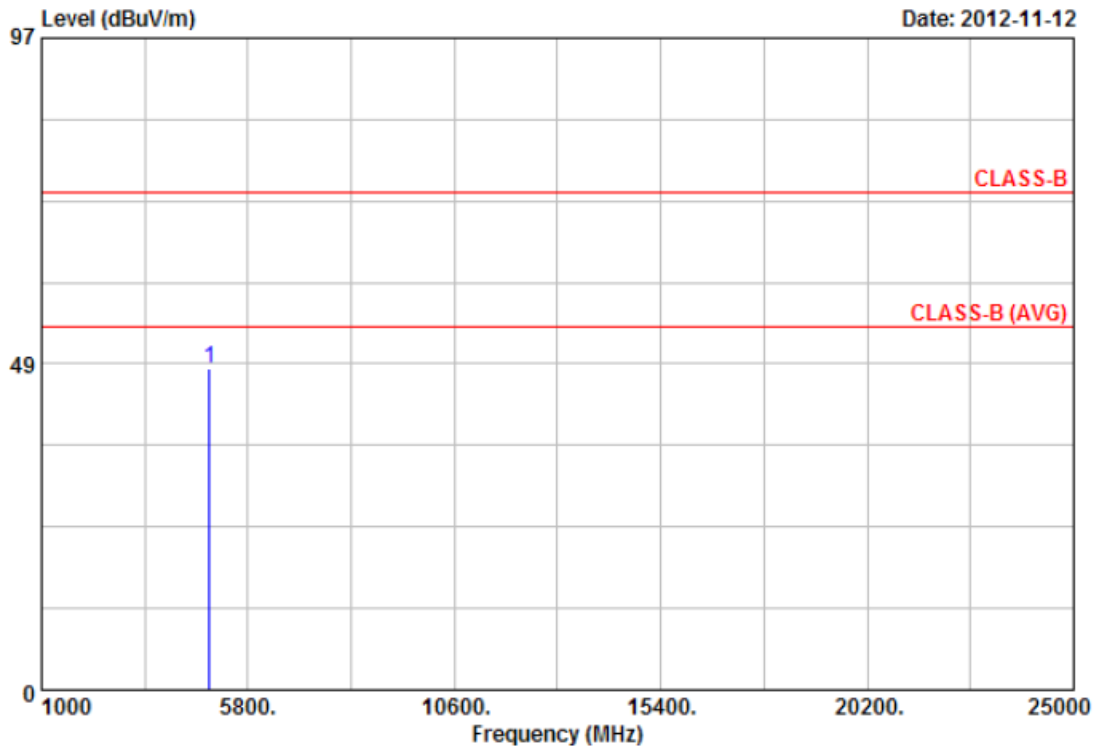
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.95	40.98	4.74	45.72	74.00	-28.28	Peak	130	58

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: 802.11n HT40, CH9	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



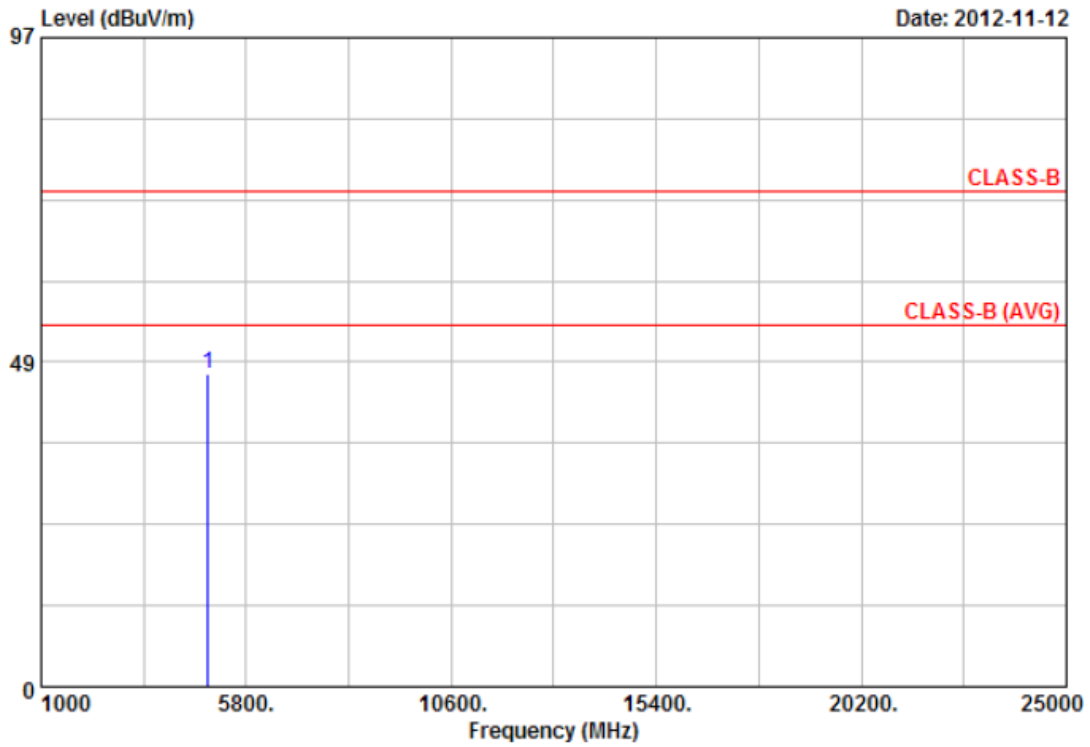
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.98	40.65	7.12	47.77	74.00	-26.23	Peak	130	201

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: 802.11n HT40, CH9	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



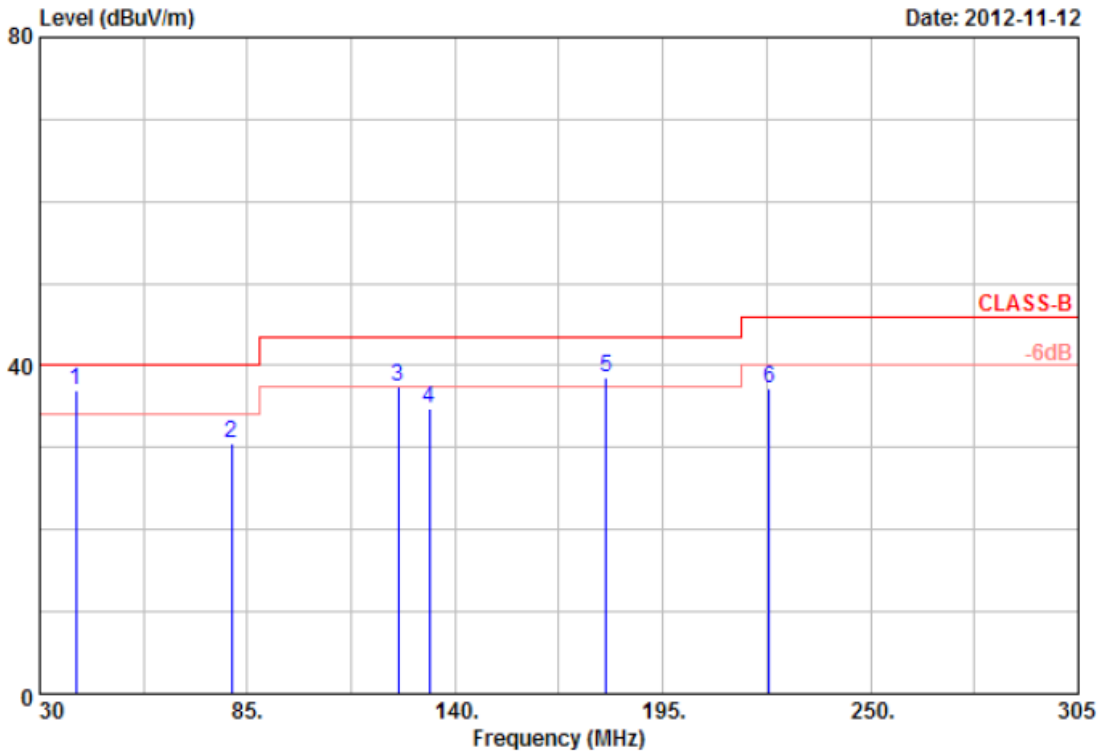
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.15	41.63	5.14	46.77	74.00	-27.23	Peak	130	58

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Bluetooth BLE, CH00	Temperature	: 20 °C
Memo	:	Humidity	: 68 %

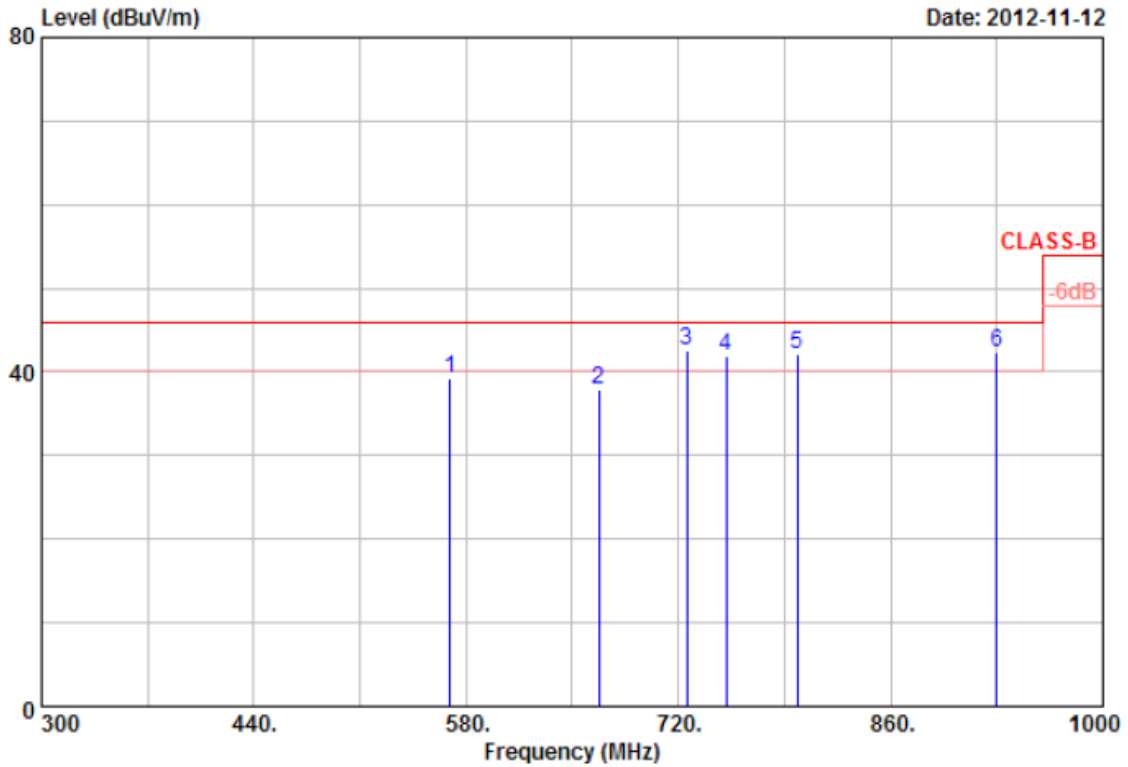


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	39.63	38.51	-1.60	36.91	40.00	-3.09	QP	100	360
2	80.88	37.98	-7.48	30.50	40.00	-9.50	Peak	100	360
3	124.88	42.36	-4.91	37.45	43.50	-6.05	Peak	100	360
4	133.13	41.65	-6.90	34.75	43.50	-8.75	Peak	100	360
5	179.88	43.67	-5.06	38.61	43.50	-4.89	QP	100	360
6	223.05	43.77	-6.49	37.28	46.00	-8.72	Peak	100	360

- Remarks:
1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of LE mode at channel 0,19,39 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Bluetooth BLE, CH00	Temperature	: 20 °C
Memo	:	Humidity	: 68 %

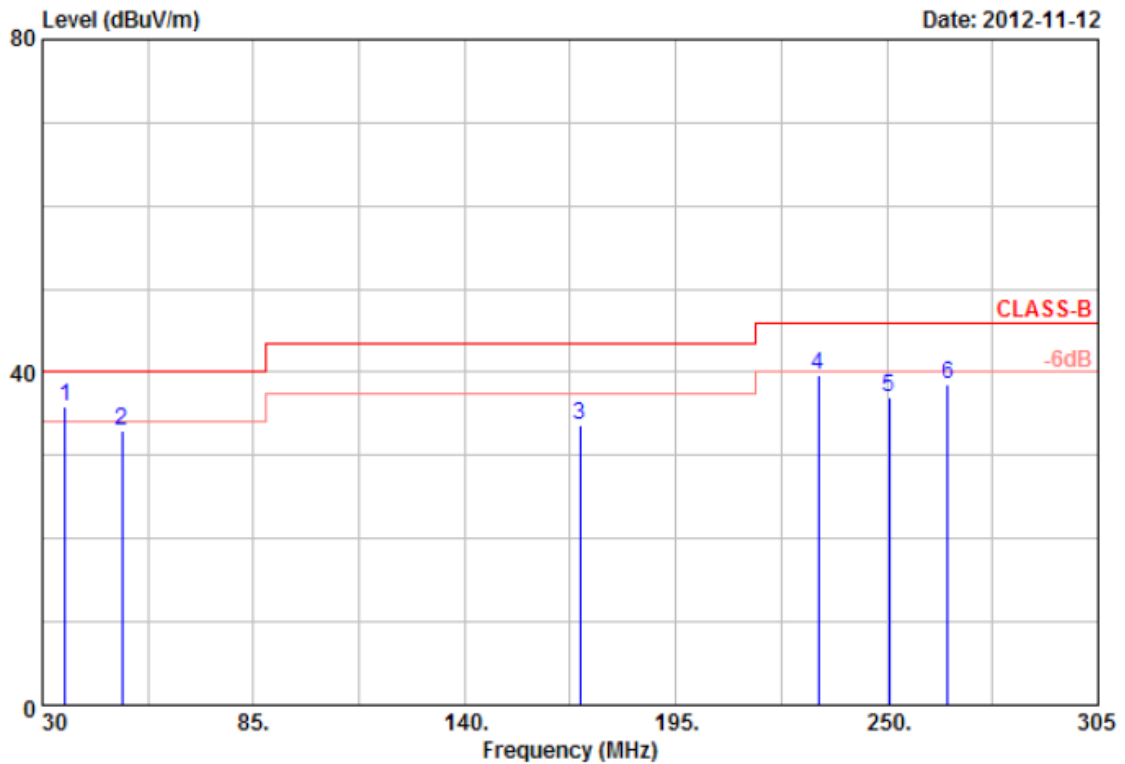


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	569.50	31.57	7.60	39.17	46.00	-6.83	Peak	100	0
2	667.50	39.53	-1.54	37.99	46.00	-8.01	Peak	100	0
3	725.60	36.49	6.12	42.61	46.00	-3.39	QP	100	0
4	751.50	37.47	4.51	41.98	46.00	-4.02	QP	100	0
5	798.40	36.36	5.82	42.18	46.00	-3.82	QP	100	0
6	930.00	33.56	8.73	42.29	46.00	-3.71	QP	100	0

- Remarks:
1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of LE mode at channel 0,19,39 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Bluetooth BLE, CH00	Temperature	: 20 °C
Memo	:	Humidity	: 68 %

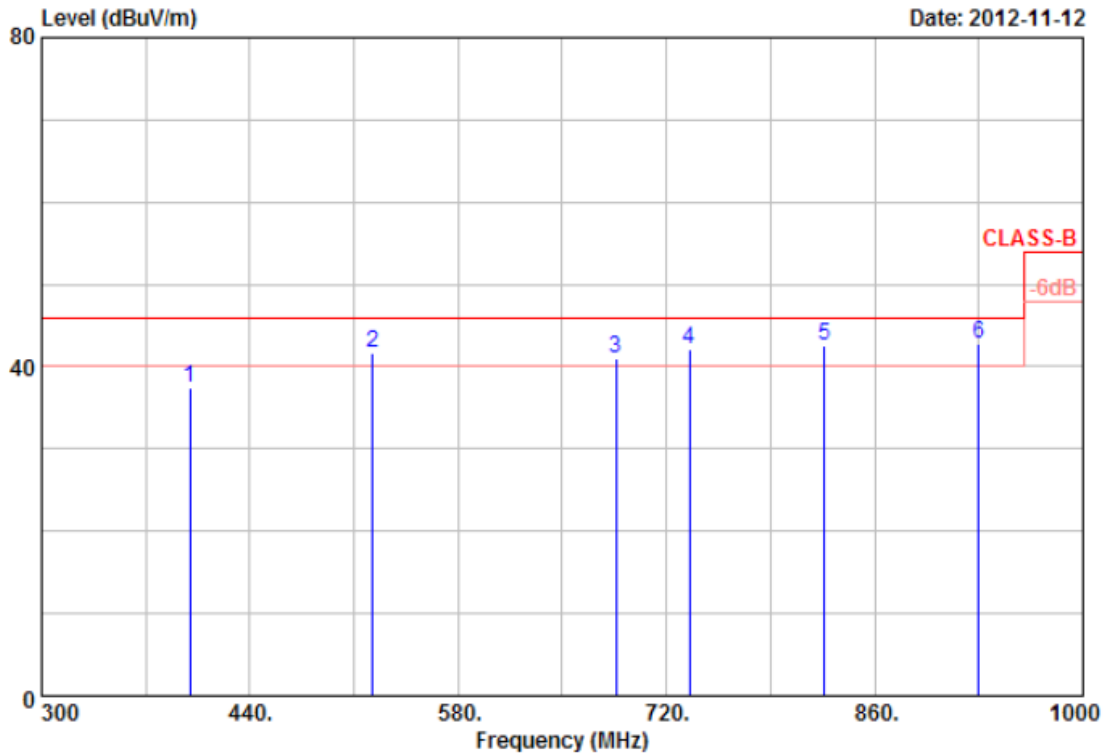


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	42.57	-6.78	35.79	40.00	-4.21	QP	100	360
2	50.63	42.27	-9.38	32.89	40.00	-7.11	Peak	100	360
3	169.98	44.57	-10.97	33.60	43.50	-9.90	Peak	100	360
4	232.13	54.31	-14.72	39.59	46.00	-6.41	Peak	100	360
5	250.55	50.47	-13.52	36.95	46.00	-9.05	Peak	100	360
6	265.95	52.52	-13.91	38.61	46.00	-7.39	Peak	100	360

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of LE mode at channel 0,19,39 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Bluetooth BLE, CH00	Temperature	: 20 °C
Memo	:	Humidity	: 68 %

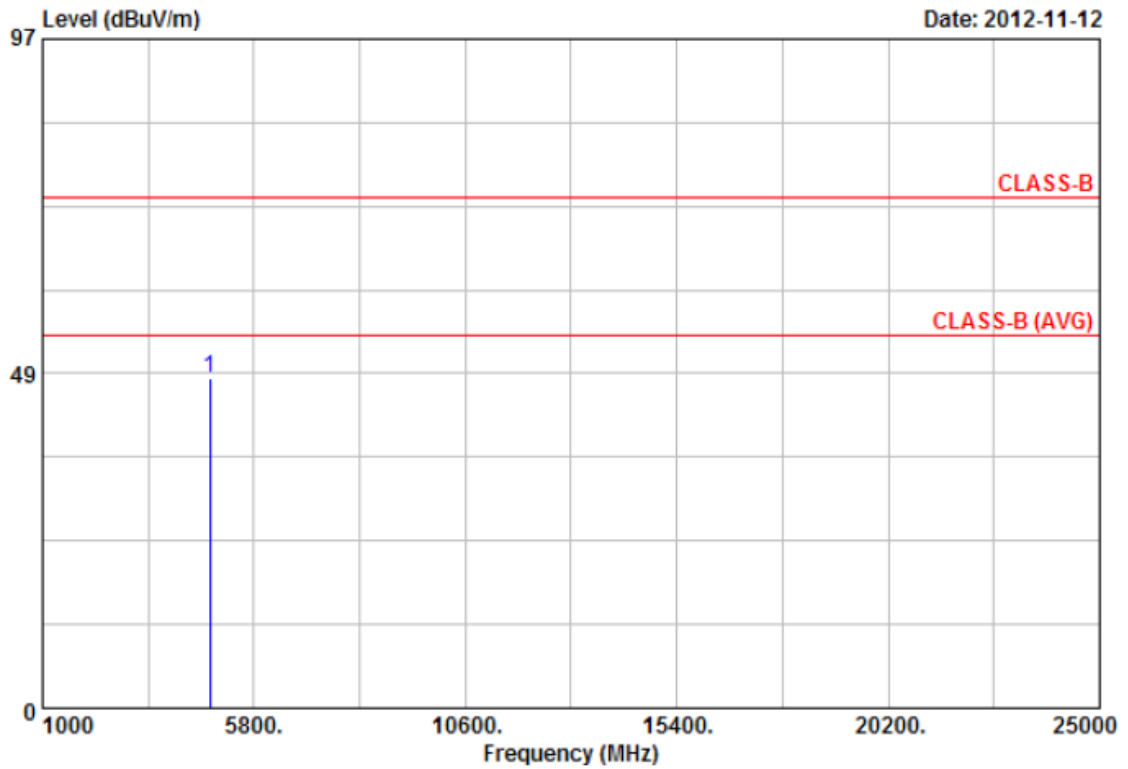


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	399.40	46.67	-9.28	37.39	46.00	-8.61	Peak	100	0
2	522.60	40.37	1.30	41.67	46.00	-4.33	QP	100	0
3	686.40	38.57	2.36	40.93	46.00	-5.07	QP	100	0
4	735.40	38.39	3.83	42.22	46.00	-3.78	QP	100	0
5	826.40	34.57	8.04	42.61	46.00	-3.39	QP	100	0
6	930.00	35.97	6.82	42.79	46.00	-3.21	QP	100	0

Remarks: 1. Result = Read Value + Factor
 2. Factor = Antenna Factor + Cable Loss - Amplifier
 3. According to technical experiences, all spurious emission of LE mode at channel 0,19,39 are almost the same below 1GHz, so that the channel 0 was chosen as representative in final test.
 4. The data is worst case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Bluetooth BLE, CH00	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



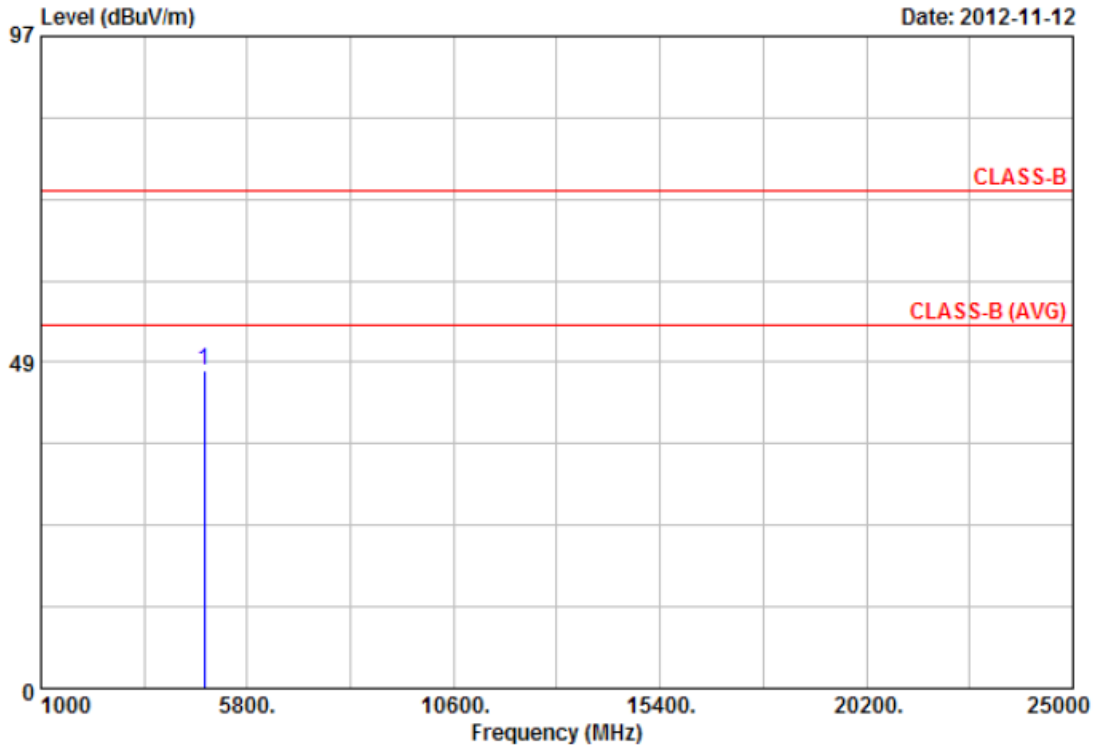
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4804.15	42.67	5.22	47.89	74.00	-26.11	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Bluetooth BLE, CH00	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



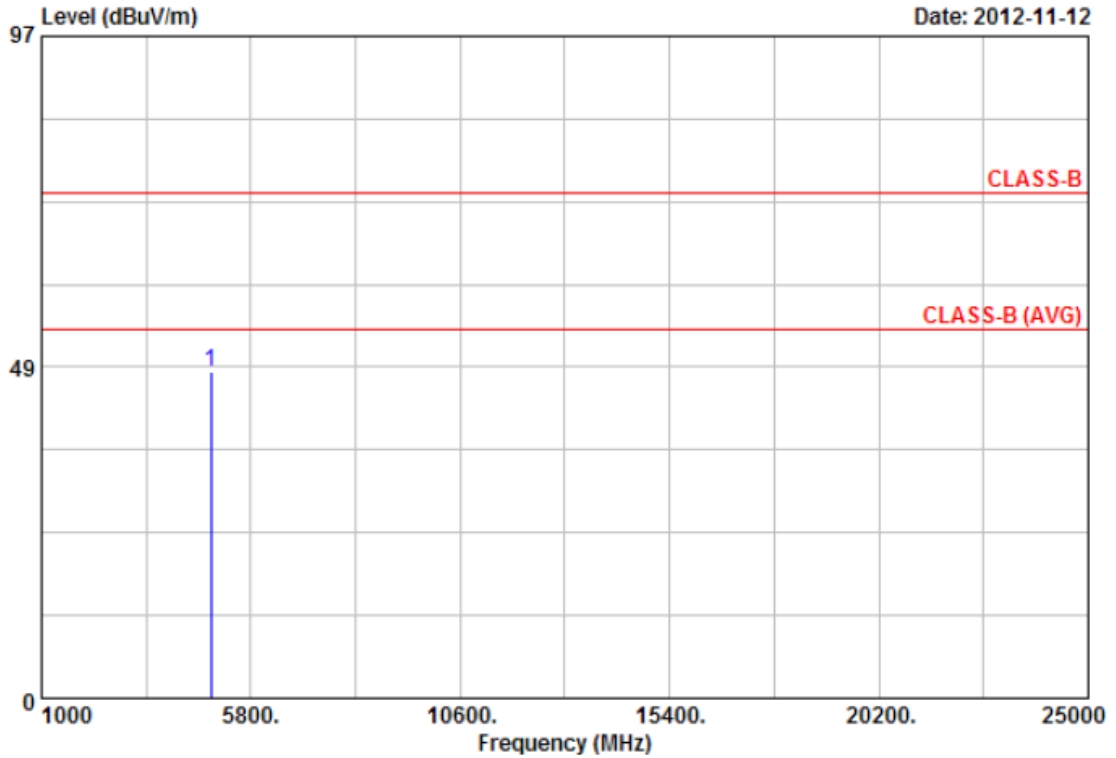
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4804.06	43.57	3.63	47.20	74.00	-26.80	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Bluetooth BLE, CH19	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



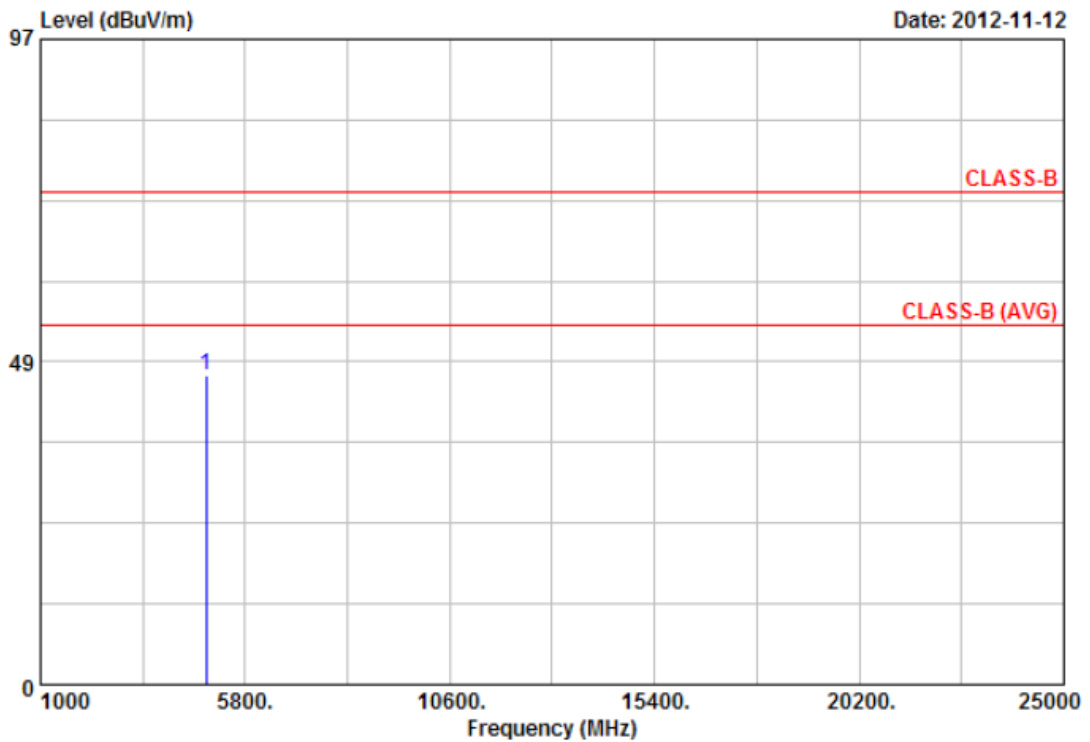
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4880.08	41.24	6.72	47.96	74.00	-26.04	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Bluetooth BLE, CH19	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



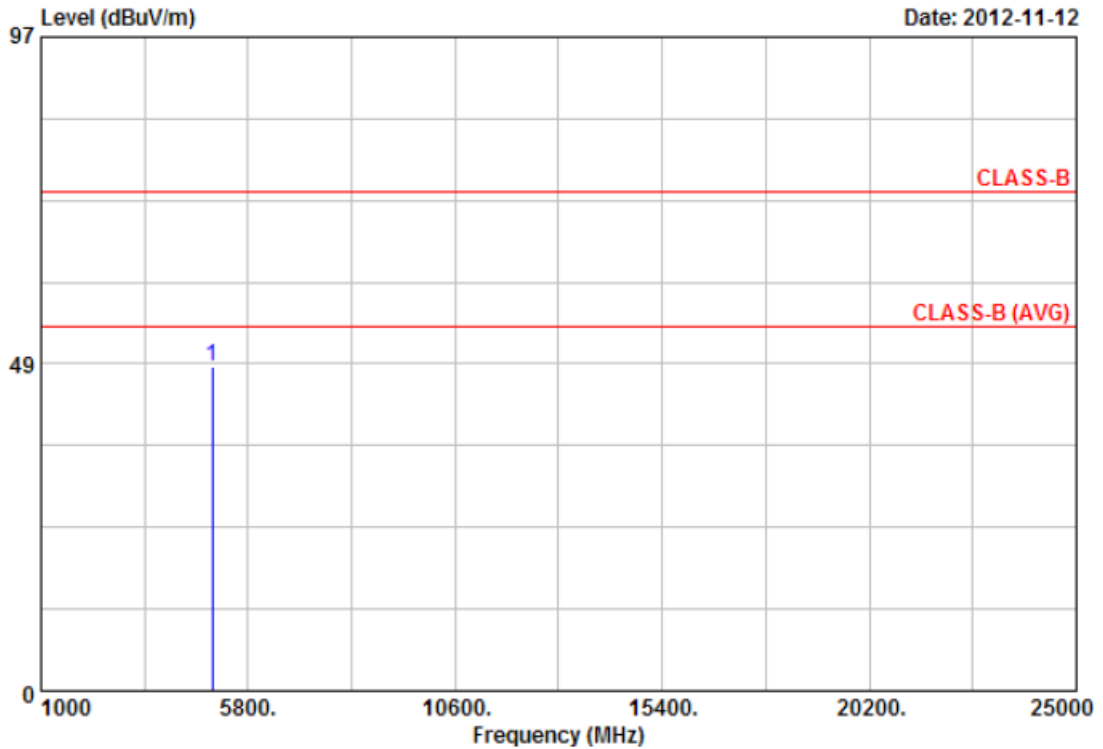
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4880.10	41.65	4.84	46.49	74.00	-27.51	Peak	130	20

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Bluetooth BLE, CH39	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



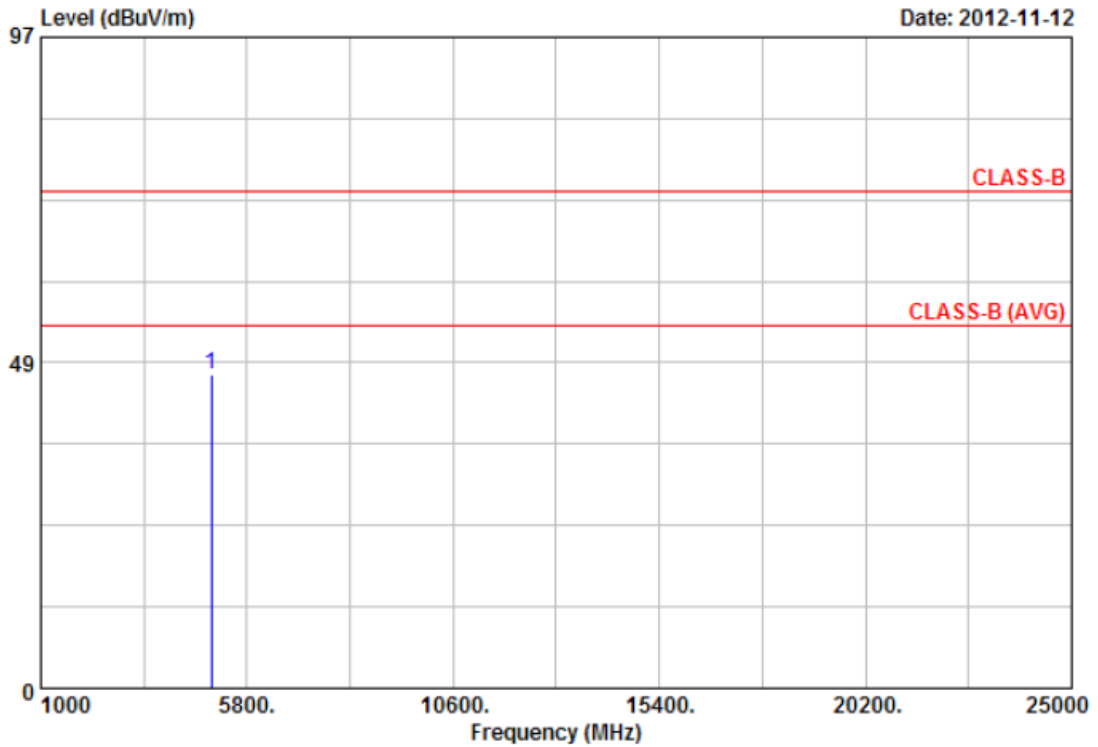
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4960.53	40.86	7.26	48.12	74.00	-25.88	Peak	130	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Bluetooth BLE, CH39	Temperature	: 20 °C
Memo	:	Humidity	: 68 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4960.33	41.67	5.16	46.83	74.00	-27.17	Peak	130	18

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



5. Maximum Peak and Average Output Power

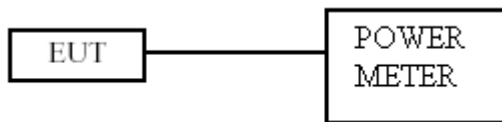
5.1 Test Limit

The Maximum Peak Output Power Measurement is 30dBm (for 802.11b/g).

5.2 Test Procedures

- a. The transmitter output was connected to the Power meter.
- b. The maximum peak and average output power was measured and recorded.

5.3 Test Setup Layout



5.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
SERIES POWER METER	Anritsu	ML2495A	1224005	2012/06/22	2013/06/21
POWER SENSOR	Anritsu	MA2411B	1207295	2012/07/09	2013/07/08



5.5 Test Result and Data

Test Date: Nov. 12, 2012

Temperature: 25°C

Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT A	ANT B	A+B	A+B
802.11b (11Mbps)	01	2412	16.63	16.81	19.73	94.00
	06	2437	17.66	16.88	20.30	107.10
	11	2462	17.65	16.80	20.26	106.07
802.11g (54Mbps)	01	2412	23.47	22.23	25.90	389.44
	06	2437	25.41	25.22	28.33	680.20
	11	2462	22.95	22.71	25.84	383.88

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output (mW)
			ANT A	ANT B	A+B	A+B
802.11n HT20 (130Mbps)	01	2412	23.05	22.08	25.60	363.27
	06	2437	25.03	25.02	28.04	636.11
	11	2462	22.56	22.57	25.58	361.02
802.11n HT40 (270Mbps)	03	2422	18.97	17.96	21.50	141.40
	06	2437	21.95	22.44	25.21	332.06
	09	2452	18.99	18.98	22.00	158.32

Test Date: Nov. 12, 2012

Temperature: 25°C

Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)	Average Power Output (mW)
GFSK	0	2402	-2.17	0.6
	19	2440	-1.39	0.7
	39	2480	-1.32	0.7



Test Date: Nov. 12, 2012

Temperature: 25°C

Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)			Average Power Output (mW)
			ANT A	ANT B	A+B	A+B
802.11b (11Mbps)	01	2412	13.56	13.57	16.58	45.45
	06	2437	14.54	13.53	17.07	50.99
	11	2462	14.52	13.51	17.05	50.75
802.11g (54Mbps)	01	2412	13.51	12.52	16.05	40.30
	06	2437	15.58	15.59	18.60	72.37
	11	2462	13.06	13.08	16.08	40.55

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)			Average Power Output (mW)
			ANT A	ANT B	A+B	A+B
802.11n HT20 (130Mbps)	01	2412	13.56	12.55	16.09	40.69
	06	2437	15.57	15.58	18.59	72.20
	11	2462	13.01	13.01	16.02	40.00
802.11n HT40 (270Mbps)	03	2422	9.59	8.53	12.10	16.23
	06	2437	12.51	13.09	15.82	38.19
	09	2452	9.59	9.57	12.59	18.16

Test Date: Nov. 12, 2012

Temperature: 25°C

Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Average Power Output (dBm)	Average Power Output (mW)
GFSK	0	2402	-2.72	0.5
	19	2440	-1.86	0.7
	39	2480	-1.81	0.7



6. Restrict Band Emission Measurement Data

Test Date: Nov. 12, 2012

Temperature: 20 °C

Atmospheric pressure: 1020 hPa

Humidity: 68 %

Modulation Standard: IEEE 802.11b (11Mbps)

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2331.62	H	54.72	3.37	58.09	Peak	74	54	-15.91	240	1.30
2332.03	H	42.80	3.36	46.15	Ave	74	54	-7.85	240	1.30
2389.96	V	60.88	2.72	63.60	Peak	74	54	-10.40	61	1.30
2389.96	V	47.95	2.72	50.67	Ave	74	54	-3.33	61	1.30
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.51	H	54.44	1.32	55.76	Peak	74	54	-18.24	224	1.30
2483.51	H	41.48	1.32	42.80	Ave	74	54	-11.20	224	1.30
2483.88	V	63.94	-0.11	63.82	Peak	74	54	-10.17	77	1.30
2484.04	V	50.85	-0.11	50.74	Ave	74	54	-3.26	77	1.30

Modulation Standard: IEEE 802.11g (54Mbps)

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.56	H	57.70	0.25	57.95	Peak	74	54	-16.05	217	1.30
2359.57	H	41.11	1.86	42.97	Ave	74	54	-11.03	217	1.30
2389.96	V	68.10	2.72	70.82	Peak	74	54	-3.18	306	1.30
2389.96	V	48.18	2.72	50.90	Ave	74	54	-3.10	306	1.30
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.77	H	58.14	1.32	59.46	Peak	74	54	-14.54	230	1.30
2483.51	H	38.24	1.32	39.56	Ave	74	54	-14.44	230	1.30
2483.54	V	70.48	-0.10	70.38	Peak	74	54	-3.62	62	1.30
2483.54	V	50.72	-0.10	50.62	Ave	74	54	-3.38	62	1.30



Modulation Standard: IEEE 802.11n HT20 (130Mbps)

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.87	H	56.98	0.22	57.20	Peak	74	54	-16.80	239	1.30
2359.98	H	41.47	1.84	43.41	Ave	74	54	-10.69	239	1.30
2389.86	V	67.67	2.72	70.39	Peak	74	54	-3.61	308	1.30
2389.86	V	47.62	2.72	50.34	Ave	74	54	-3.66	308	1.30
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.77	H	54.88	1.32	56.20	Peak	74	54	-17.80	225	1.30
2483.51	H	38.28	1.32	39.68	Ave	74	54	-14.40	225	1.30
2483.54	V	71.10	-0.10	71.00	Peak	74	54	-3.00	63	1.30
2483.54	V	49.21	-0.10	49.11	Ave	74	54	-4.89	63	1.30

Modulation Standard: IEEE 802.11n HT40 (270Mbps)

Channel 3						Fundamental Frequency: 2422 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2388.03	H	55.72	0.32	56.04	Peak	74	54	-17.96	223	1.30
2389.86	H	39.83	0.32	40.05	Ave	74	54	-13.95	223	1.30
2388.94	V	64.19	2.71	66.90	Peak	74	54	-7.10	306	1.30
2389.96	V	47.53	2.72	50.25	Ave	74	54	-3.75	306	1.30
Channel 9						Fundamental Frequency: 2452 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.77	H	61.68	1.32	63.00	Peak	74	54	-11.00	278	1.30
2483.51	H	43.21	1.32	44.53	Ave	74	54	-9.47	278	1.30
2483.69	V	70.79	-0.10	70.69	Peak	74	54	-3.31	86	1.30
2483.51	V	50.33	-0.09	50.24	Ave	74	54	-3.76	86	1.30



Modulation Standard: GFSK

Channel 00						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2354.82	H	49.22	1.76	50.98	Peak	74	54	-23.02	64	1.30
---	H	---	---	---	Ave	74	54	---	---	---
2311.11	V	49.36	3.55	52.91	Peak	74	54	-21.09	5	1.30
---	V	---	---	---	Ave	74	54	---	---	---
Channel 39						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.87	H	49.90	-2.37	47.53	Peak	74	54	-26.47	79	1.30
---	H	---	---	---	Ave	74	54	---	---	---
2483.51	V	50.14	0.30	50.44	Peak	74	54	-23.56	7	1.30
---	V	---	---	---	Ave	74	54	---	---	---

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz (detector peak mode) for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz (detector sample mode) for Average detection at frequency above 1GHz.



7. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.250
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

7.1 Labeling Requirement

The device shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.