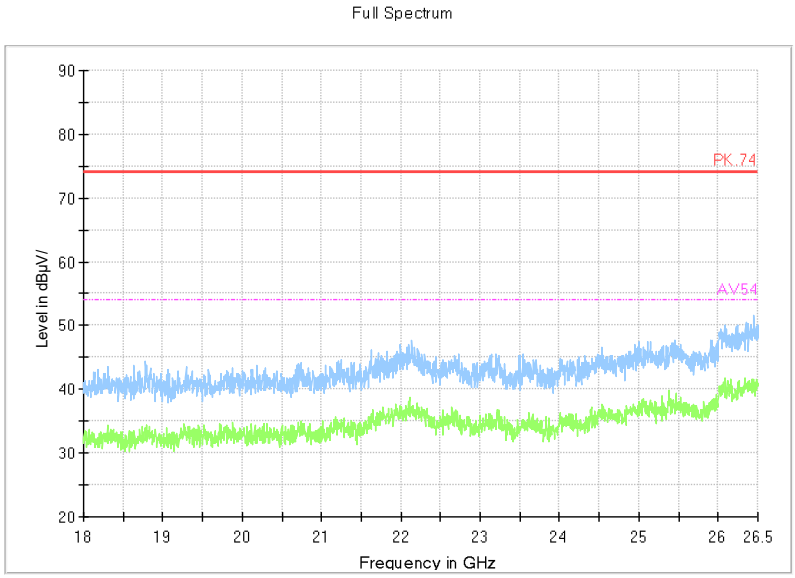
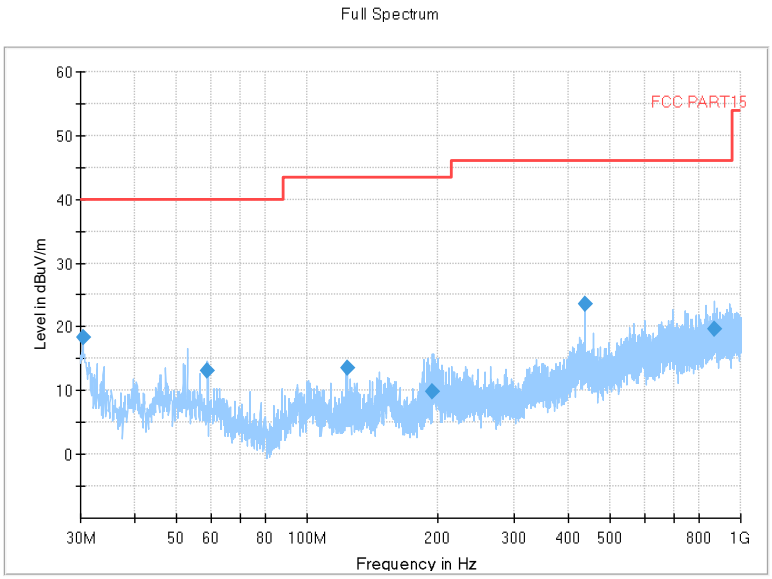


Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

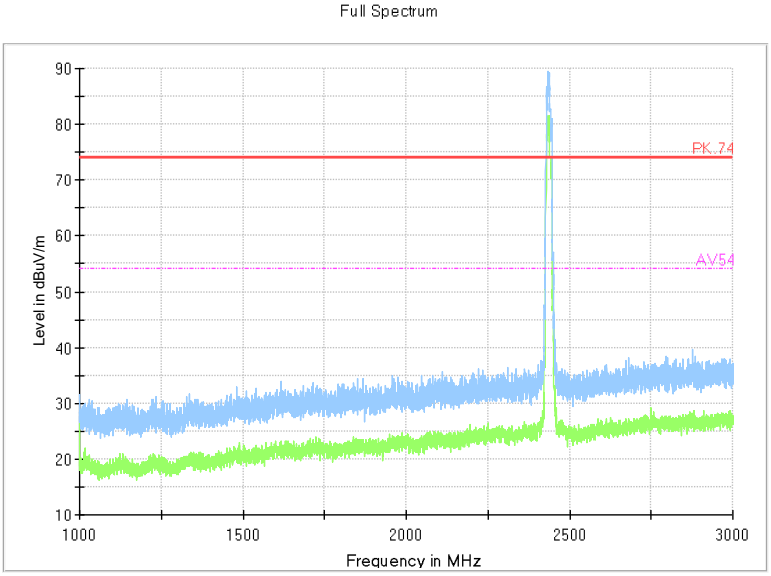
Modulation type: 802.11b



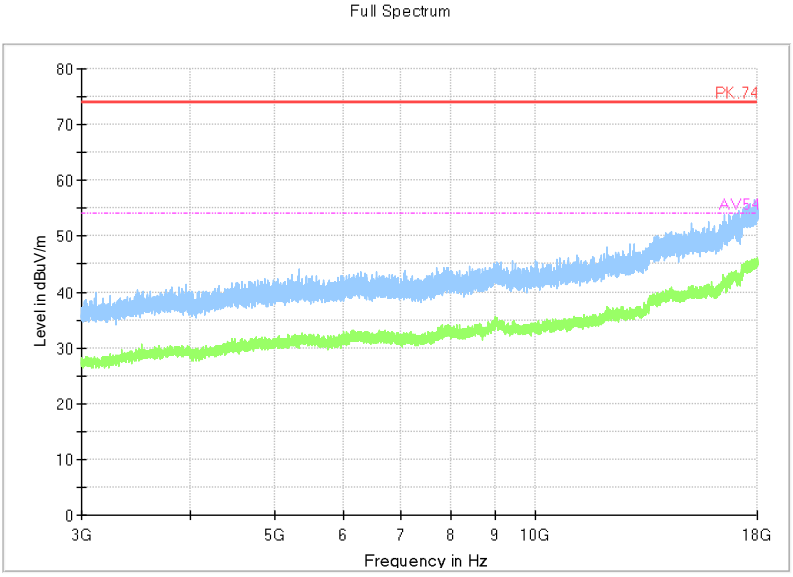
Frequency Range: 30MHz -1GHz

Detector: QP mode

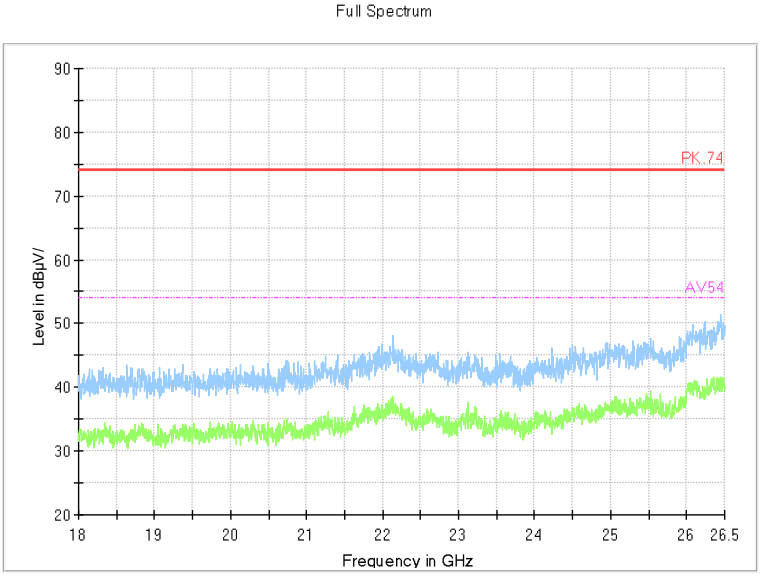
Modulation type: 802.11g



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



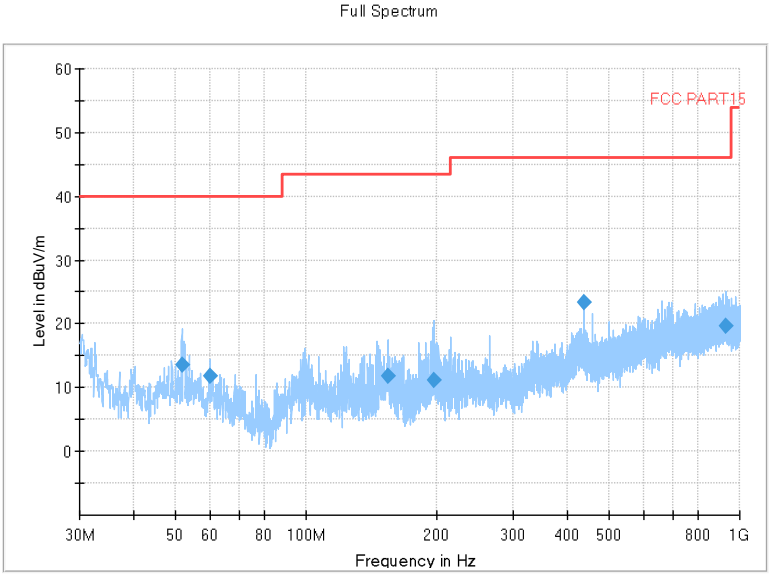
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

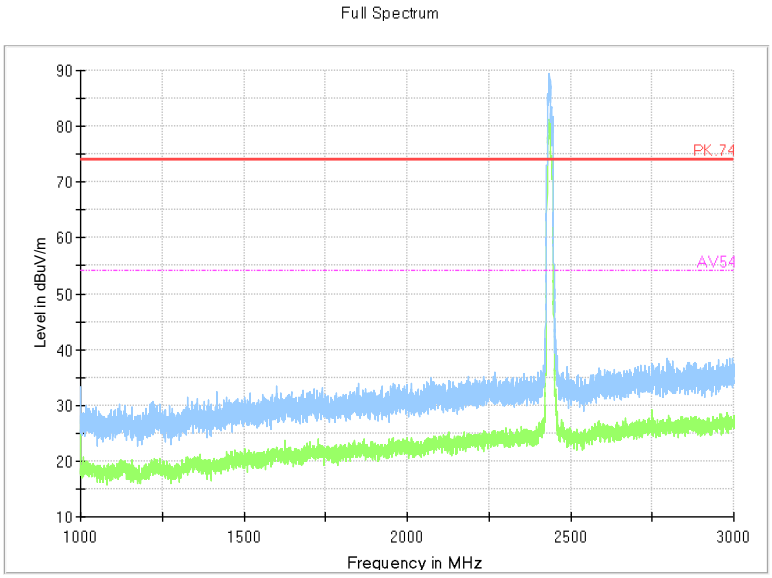
Modulation type: 802.11g



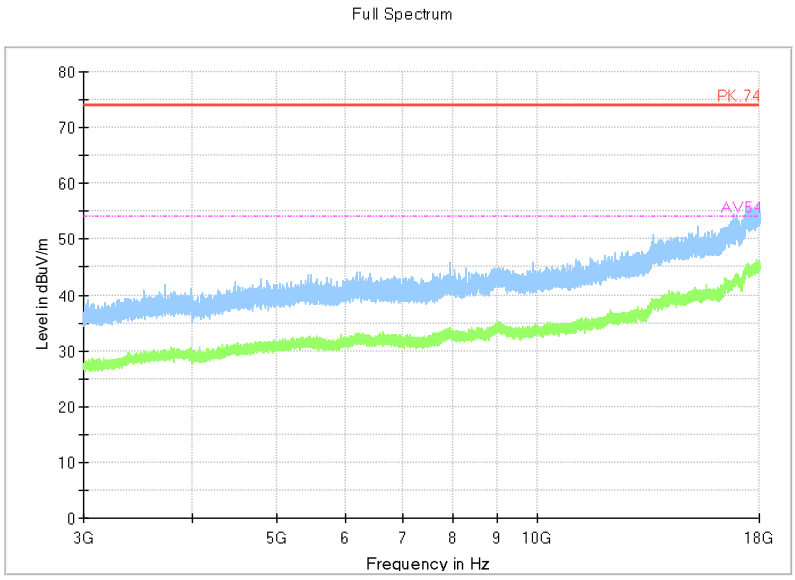
Frequency Range: 30MHz -1GHz

Detector: QP mode

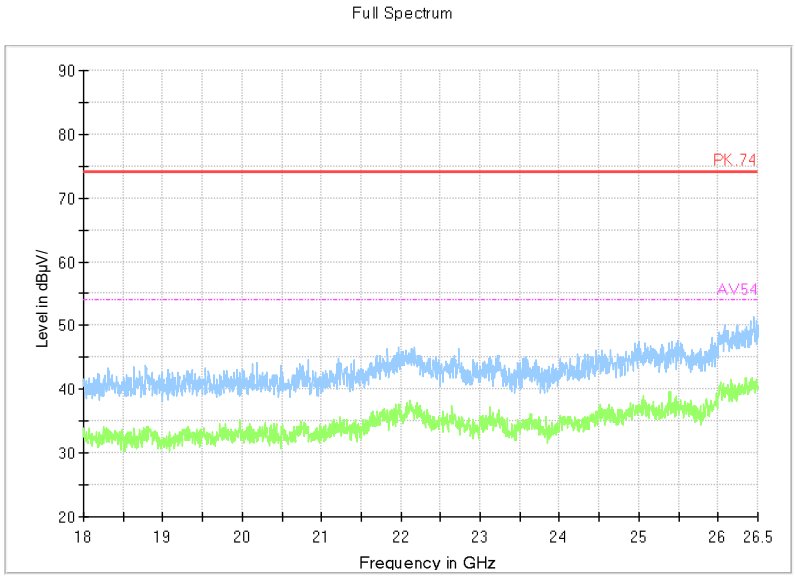
Modulation type: 802.11n(HT20)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



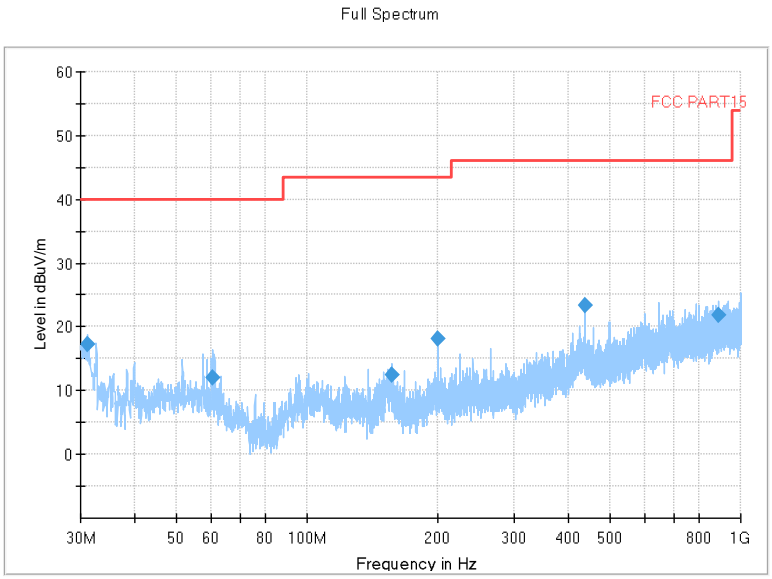
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

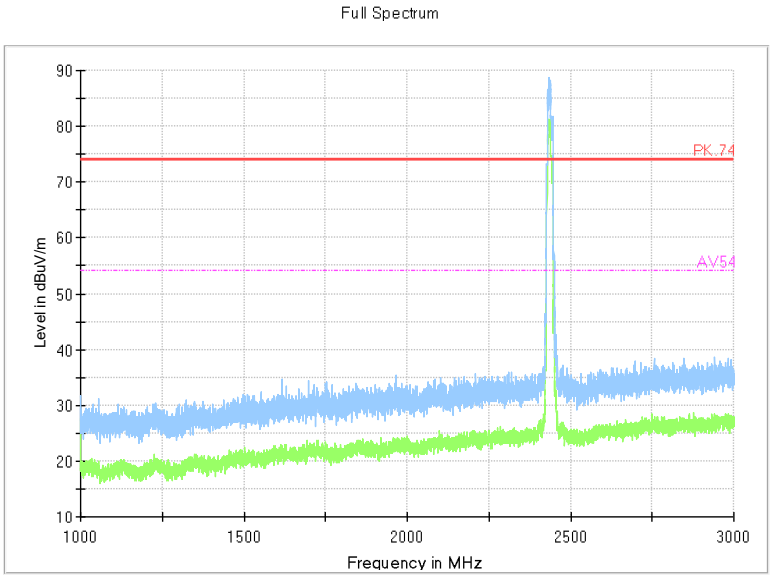
Modulation type: 802.11n(HT20)



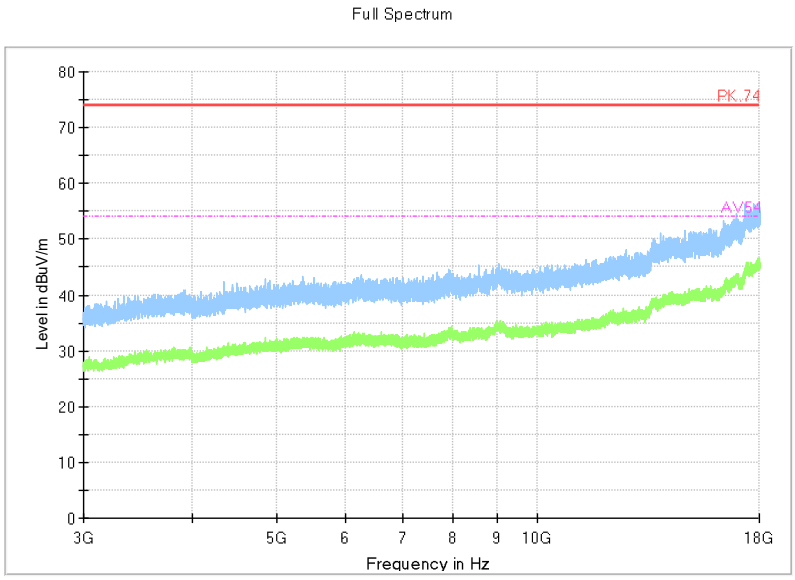
Frequency Range: 30MHz -1GHz

Detector: QP mode

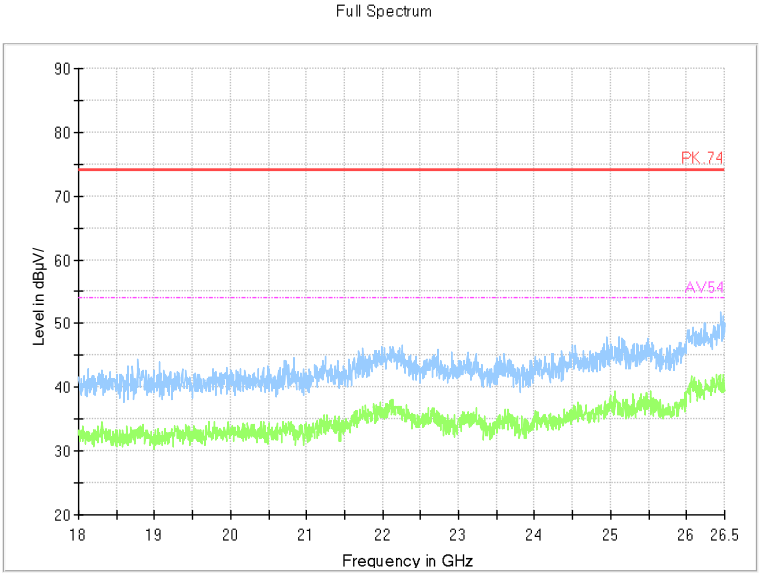
Modulation type: 802.11 ax(HE20)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)



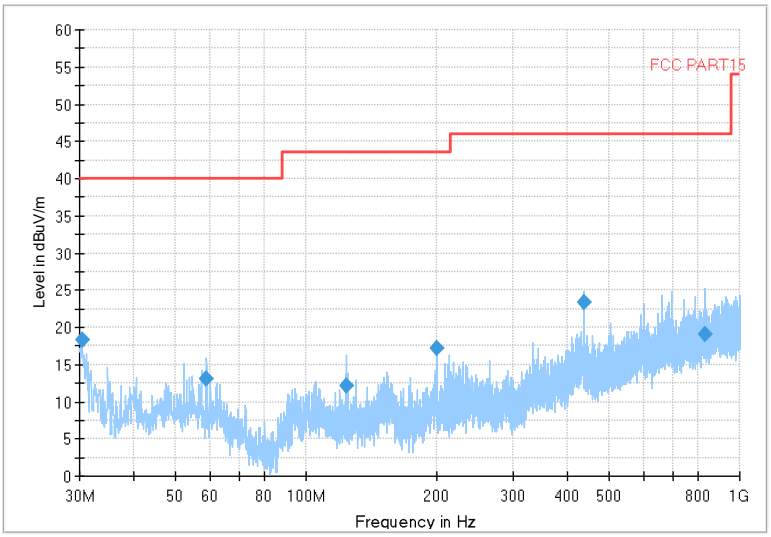
Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE20)

Carrier frequency (MHz): 2462

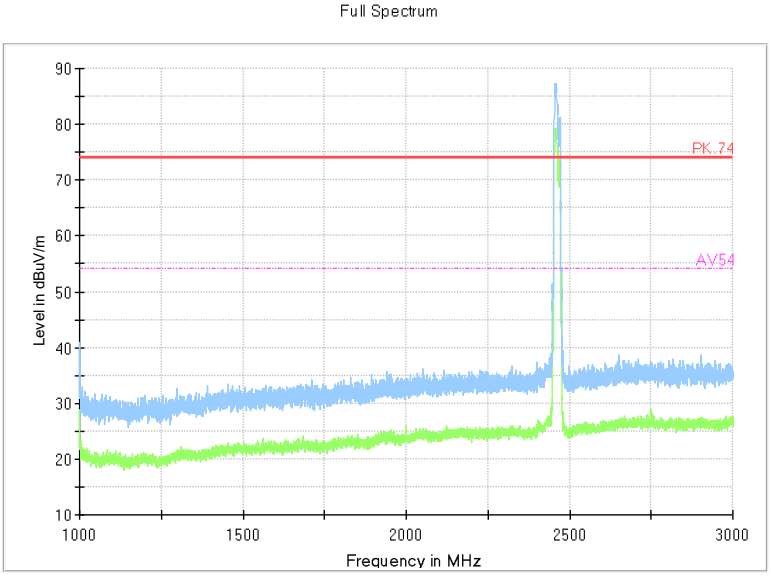
Channel No.:11



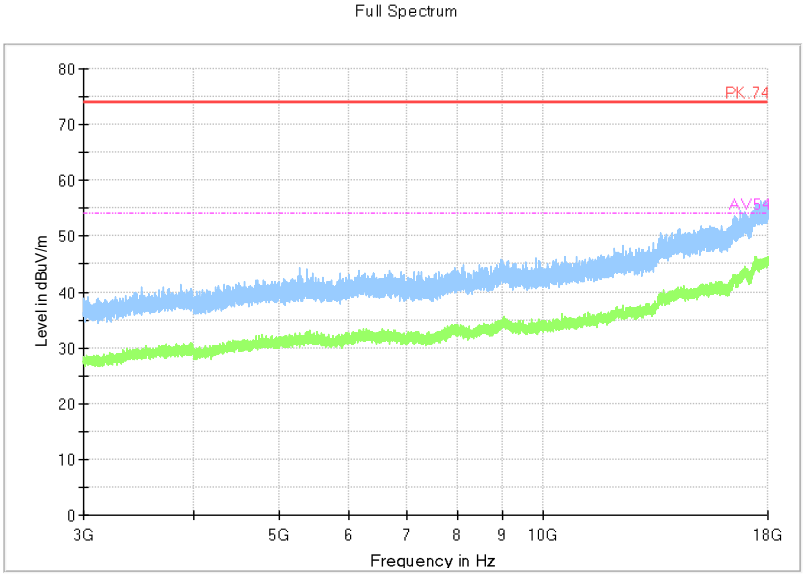
Frequency Range: 30MHz -1GHz

Detector: QP mode

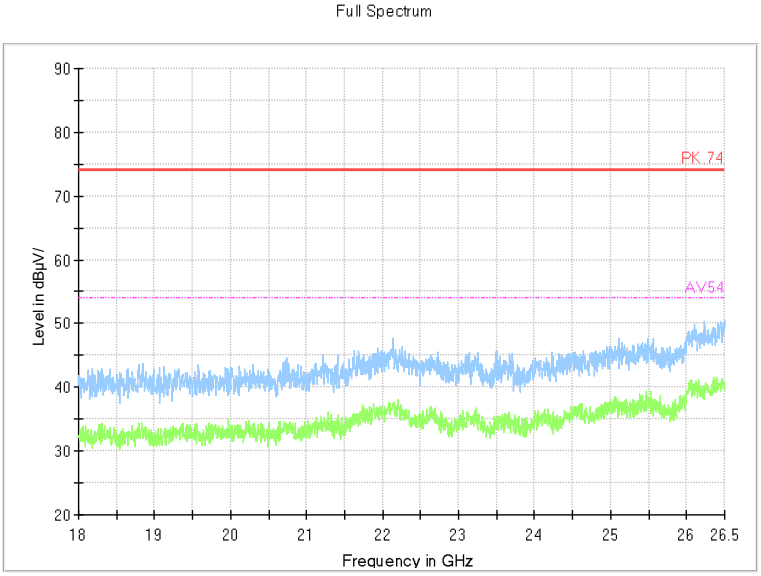
Modulation type: 802.11b



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



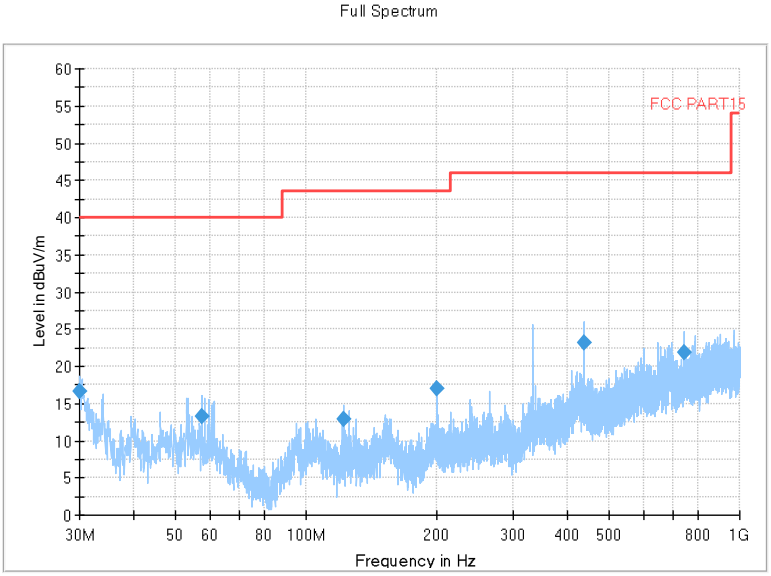
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

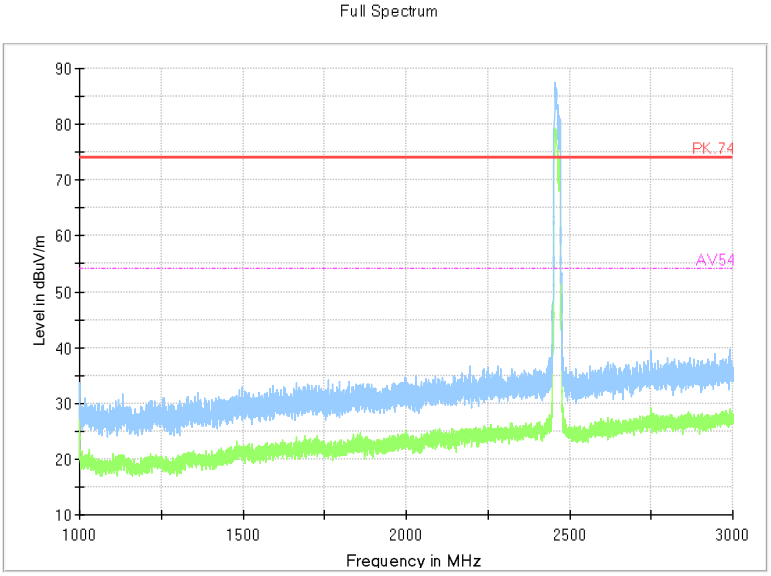
Modulation type: 802.11b



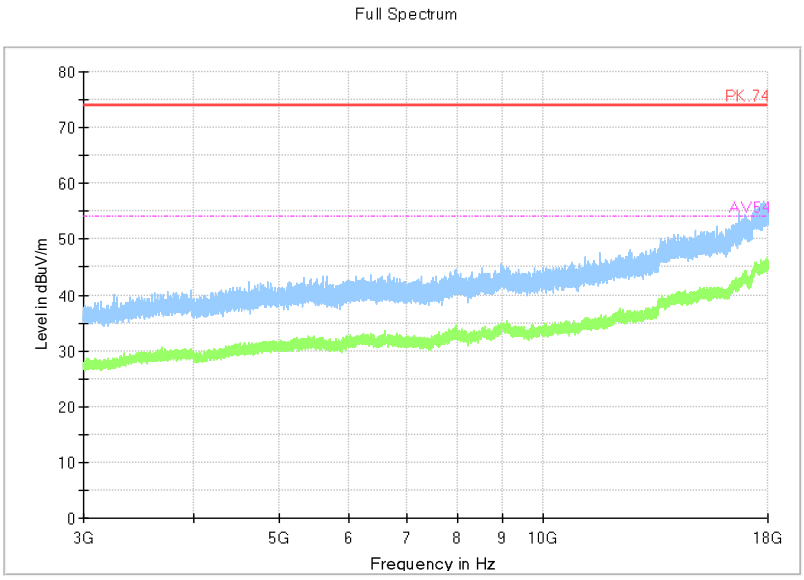
Frequency Range: 30MHz -1GHz

Detector: QP mode

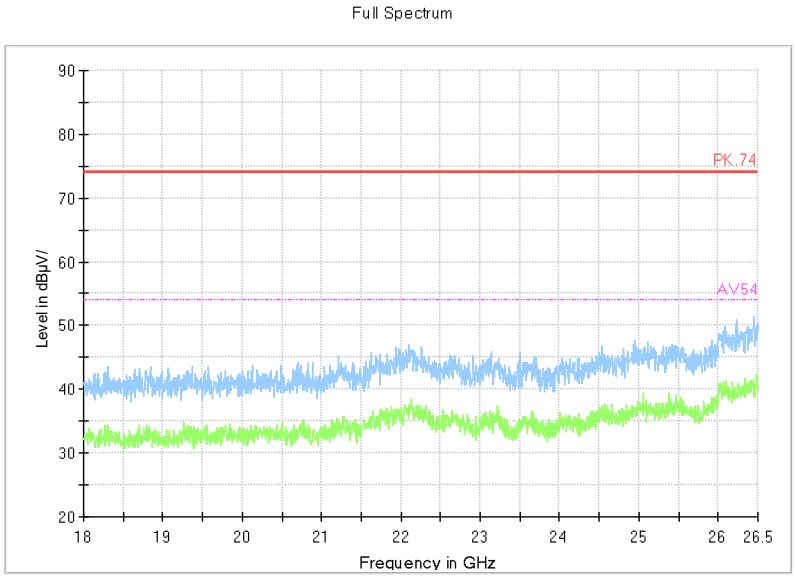
Modulation type: 802.11g



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



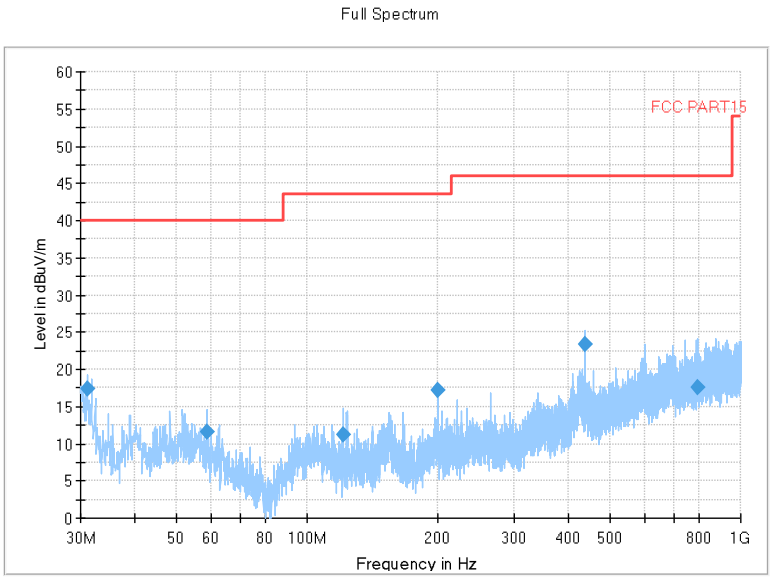
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

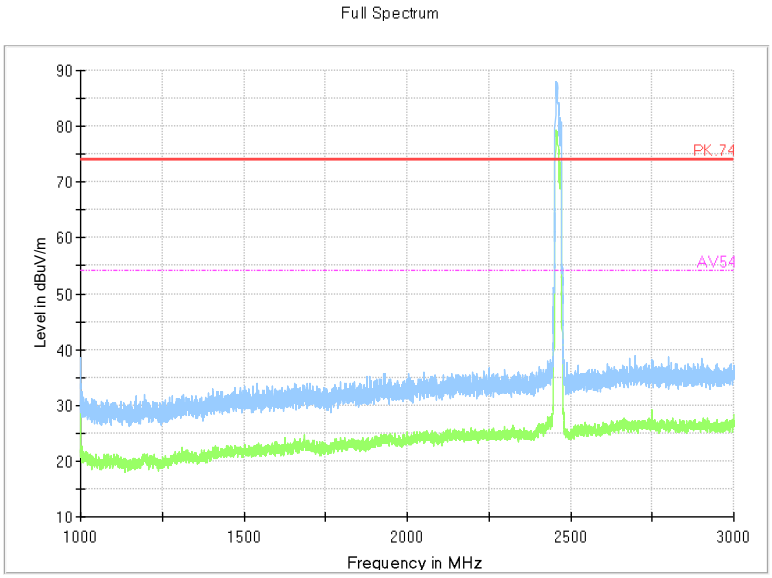
Modulation type: 802.11g



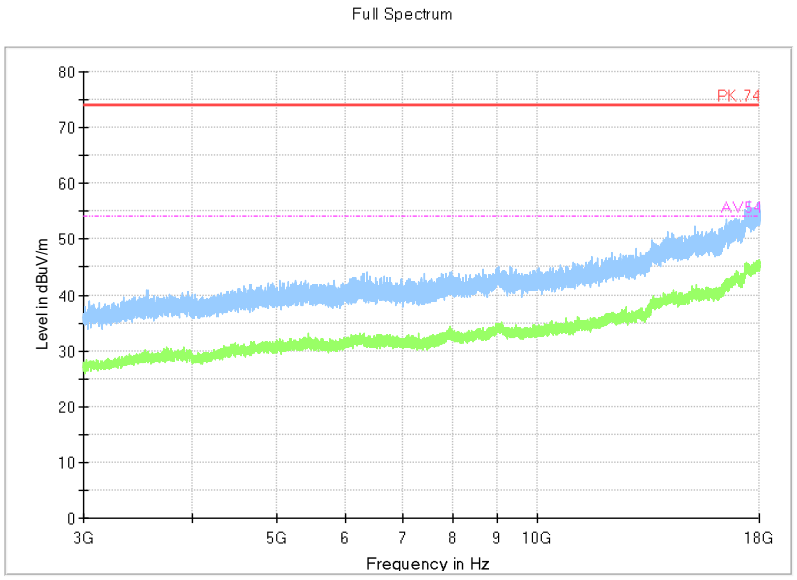
Frequency Range: 30MHz -1GHz

Detector: QP mode

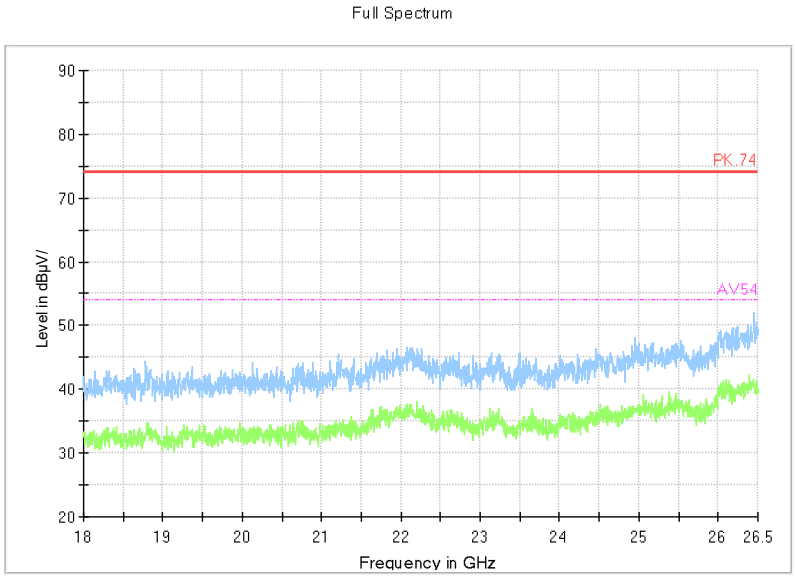
Modulation type: 802.11n(HT20)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



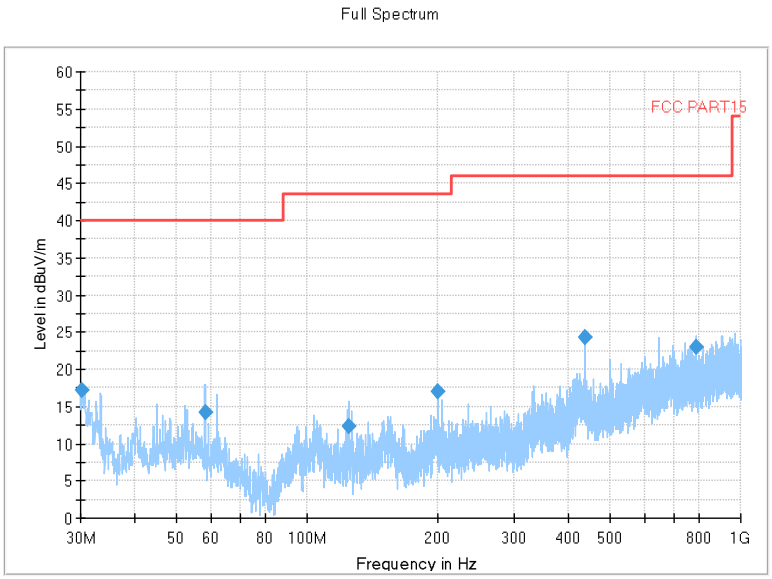
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

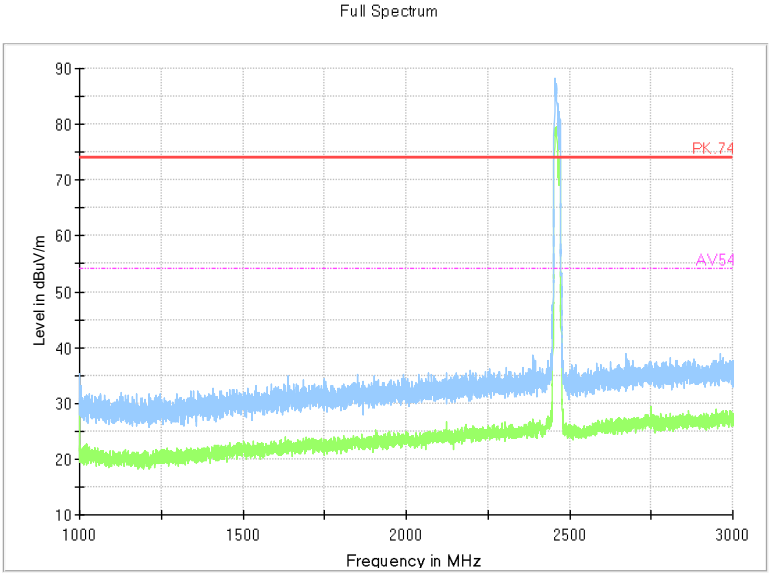
Modulation type: 802.11n(HT20)



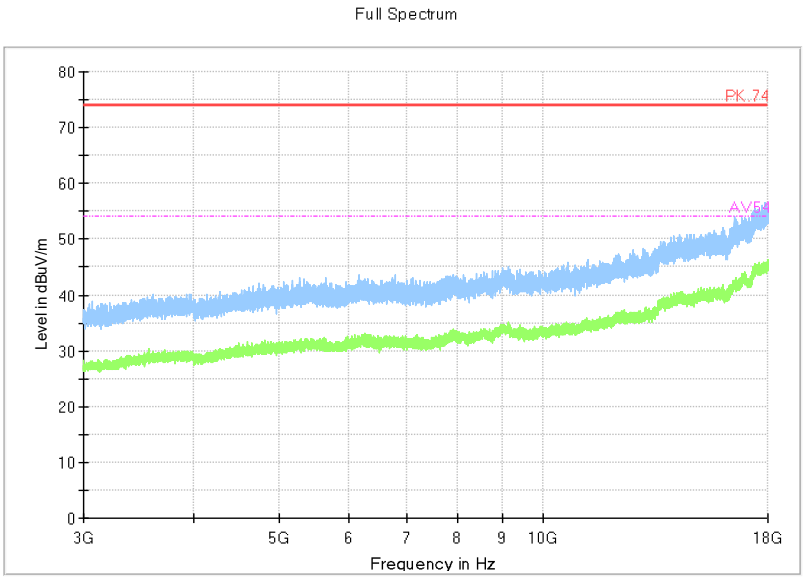
Frequency Range: 30MHz -1GHz

Detector: QP mode

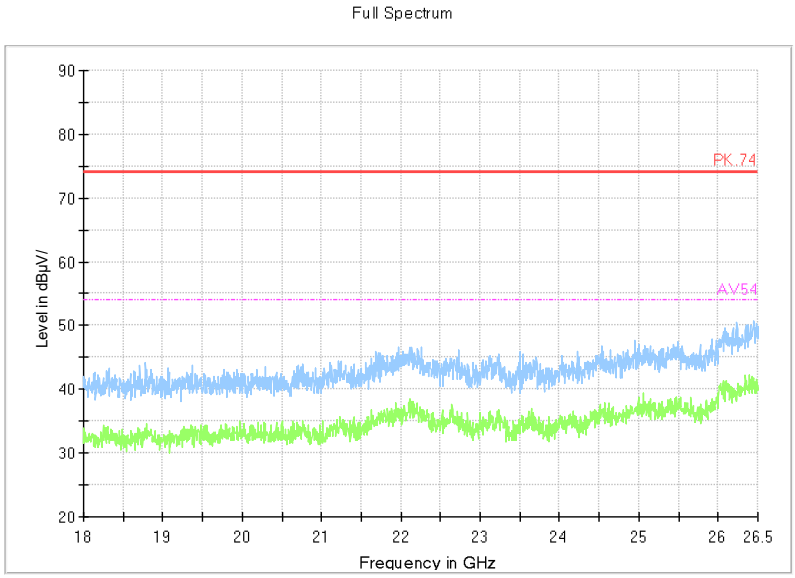
Modulation type: 802.11 ax(HE20)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)



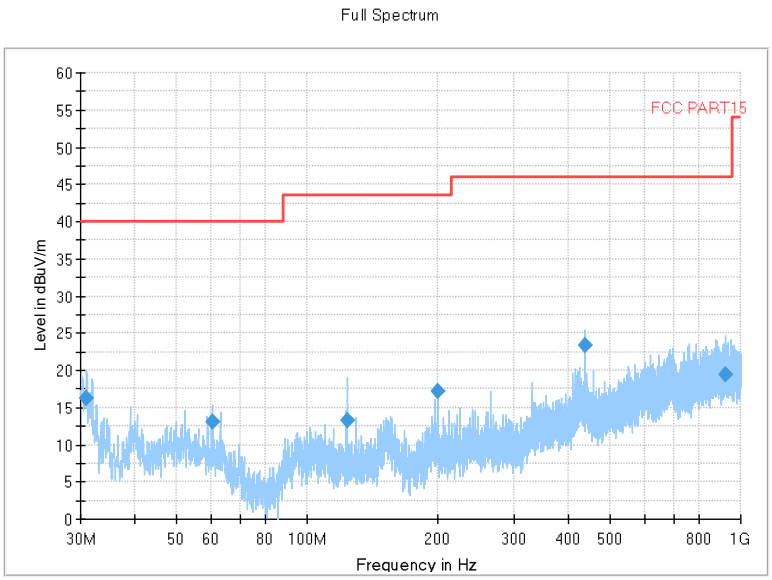
Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE20)

Carrier frequency (MHz): 2422

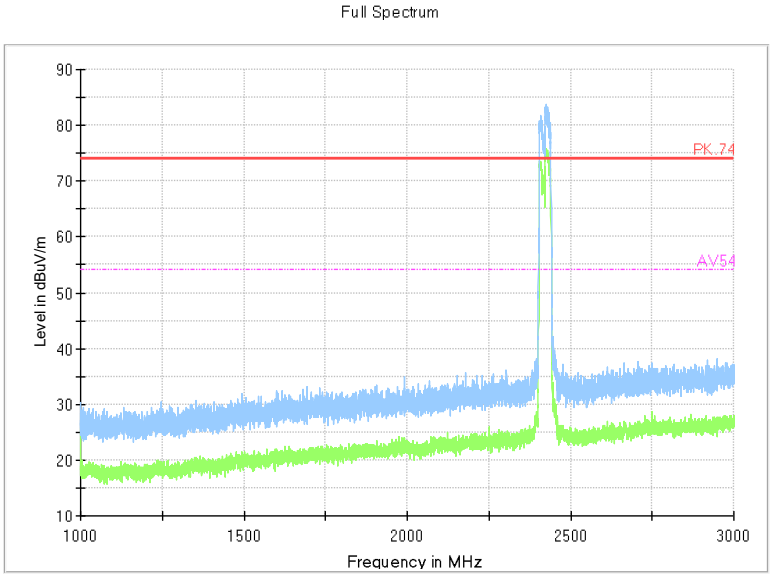
Channel No.:3



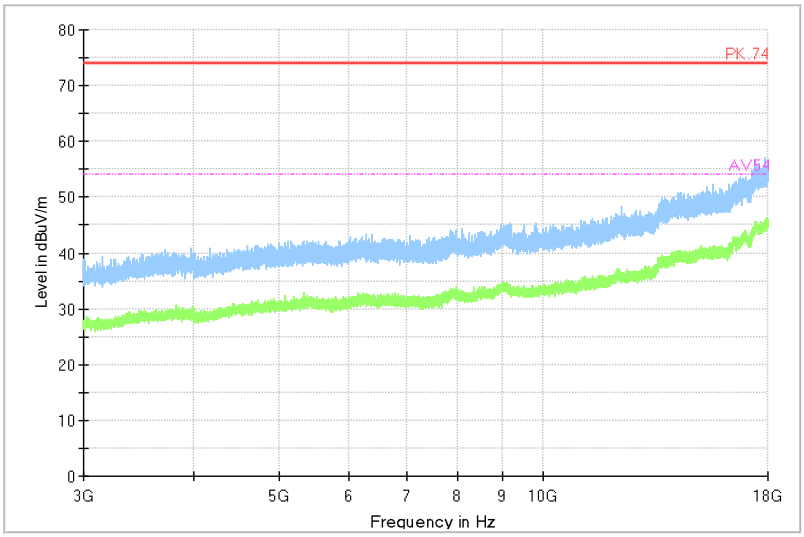
Frequency Range: 30MHz -1GHz

Detector: QP mode

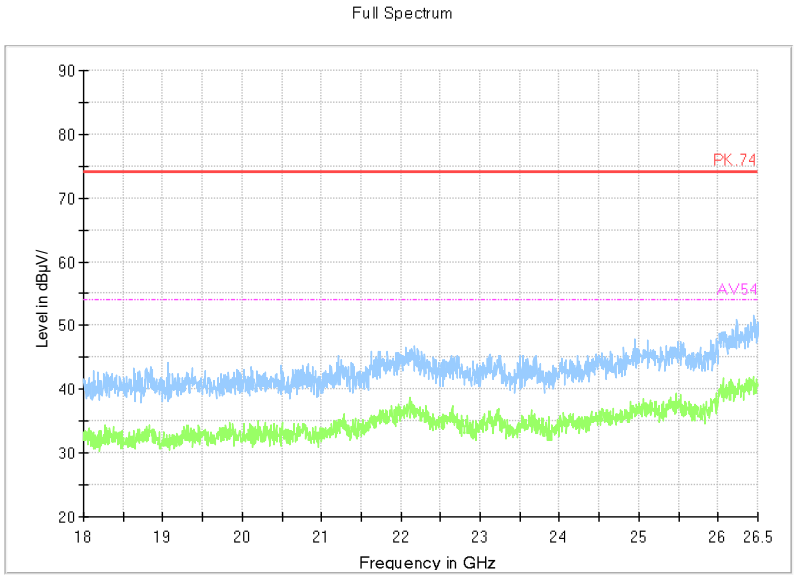
Modulation type: 802.11n(HT40)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



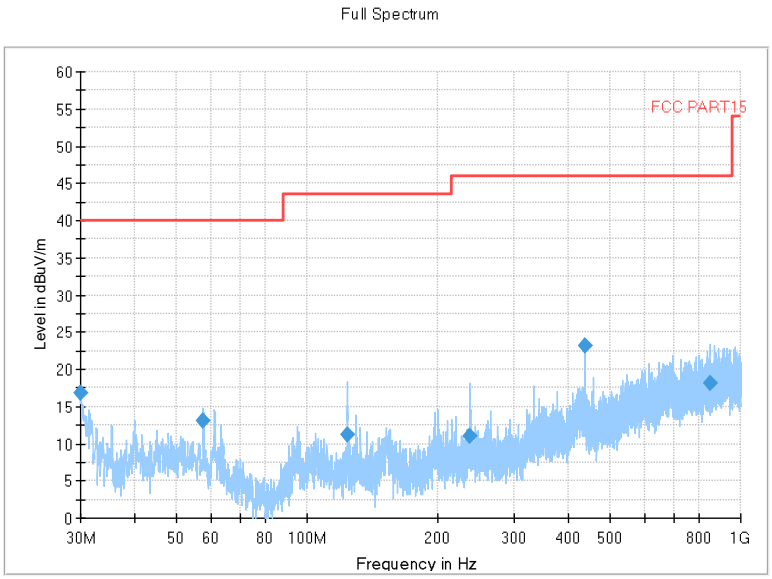
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

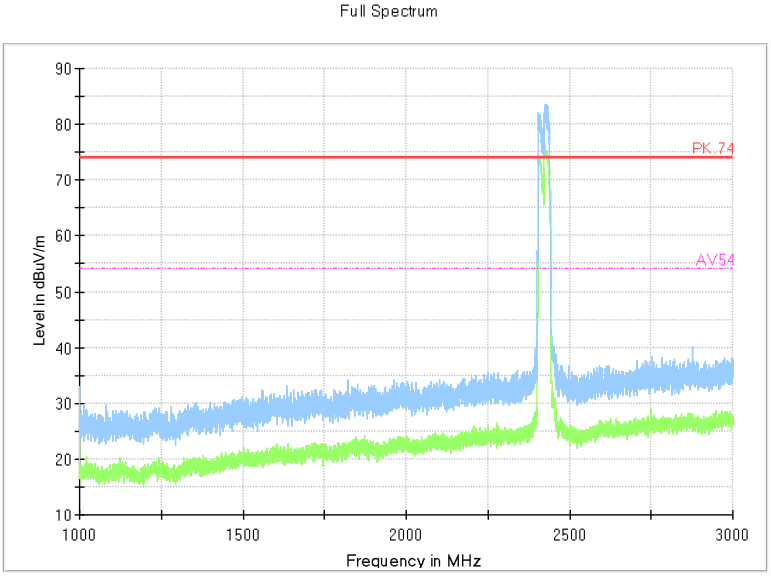
Modulation type: 802.11n(HT40)



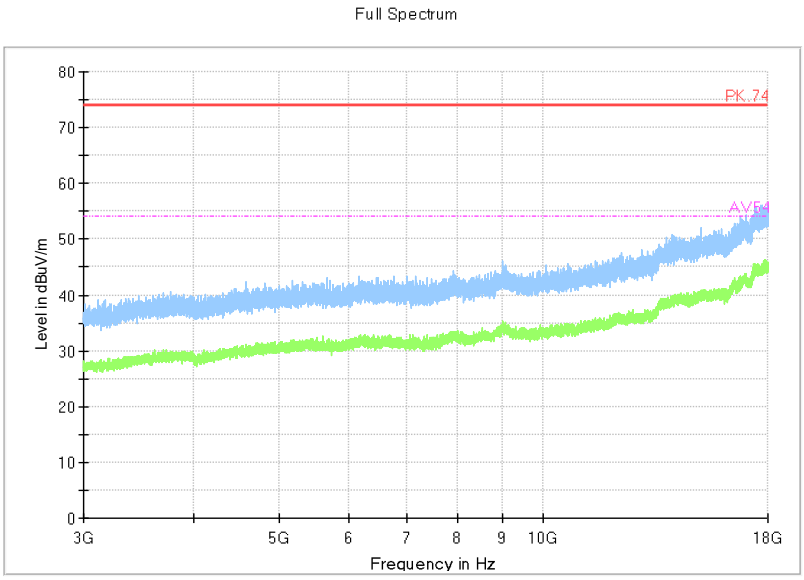
Frequency Range: 30MHz -1GHz

Detector: QP mode

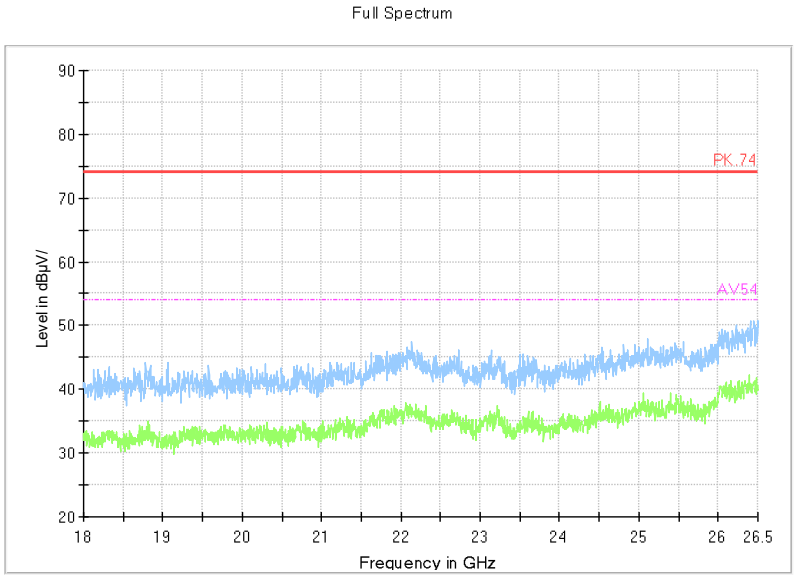
Modulation type: 802.11 ax(HE40)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



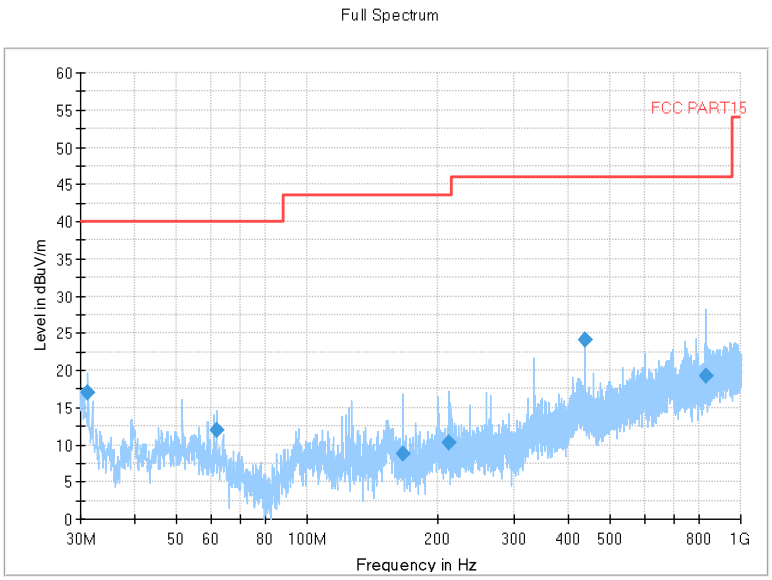
Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE40)

Carrier frequency (MHz): 2437

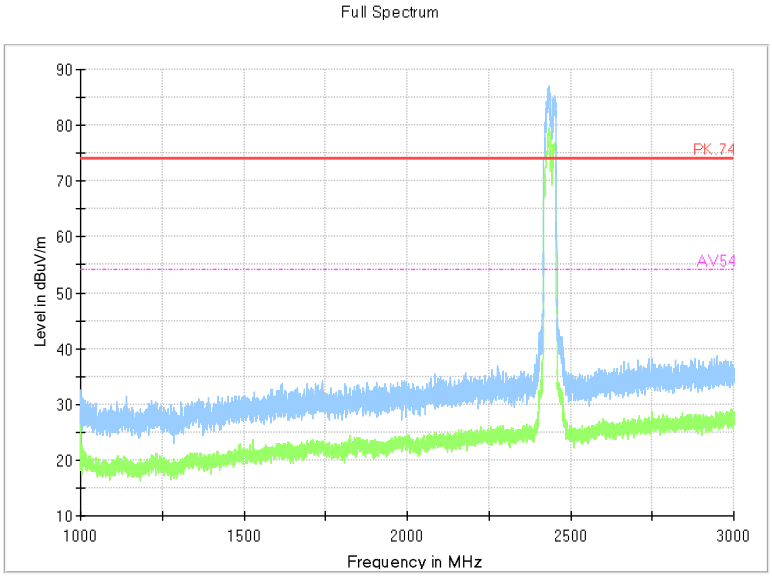
Channel No.:6



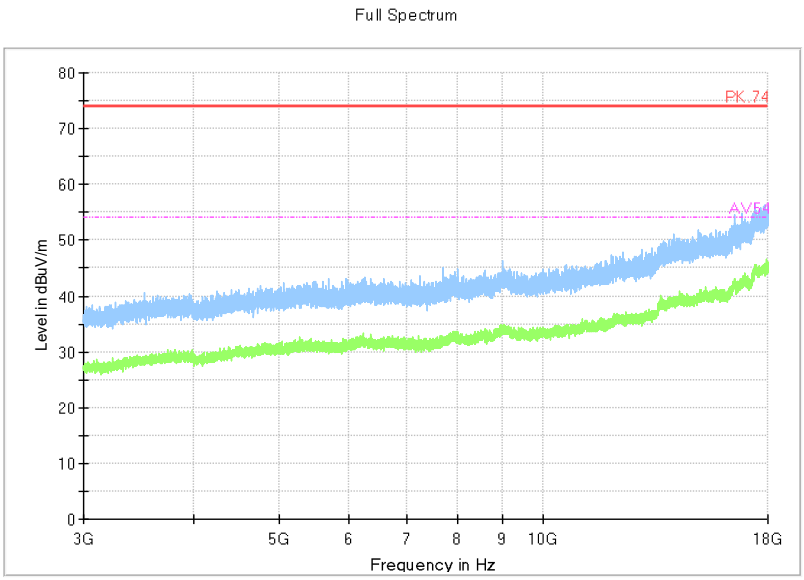
Frequency Range: 30MHz -1GHz

Detector: QP mode

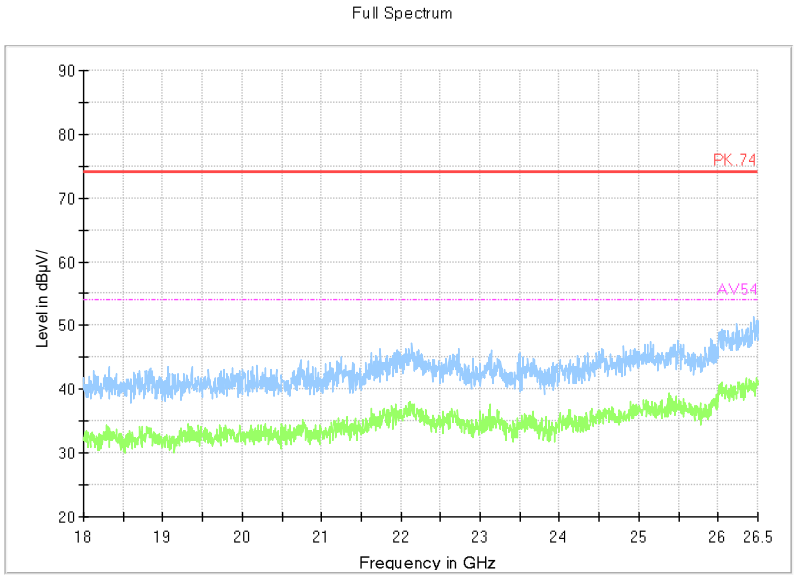
Modulation type: 802.11n(HT40)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



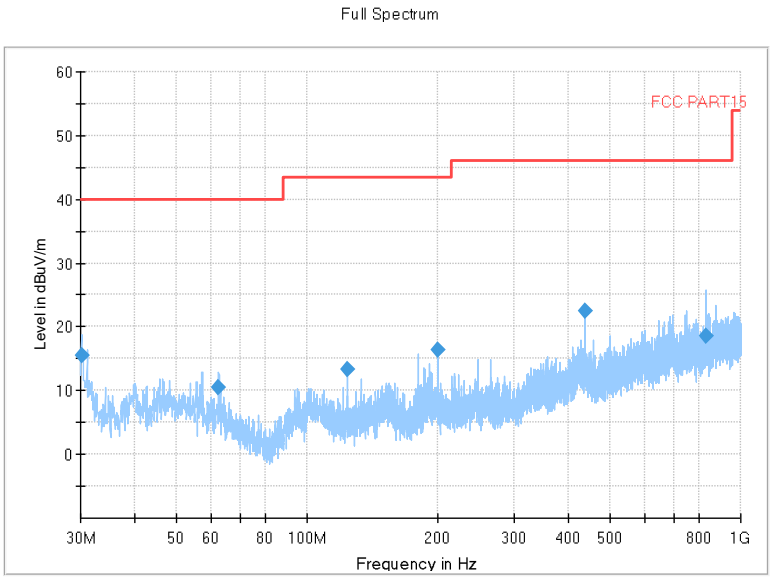
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

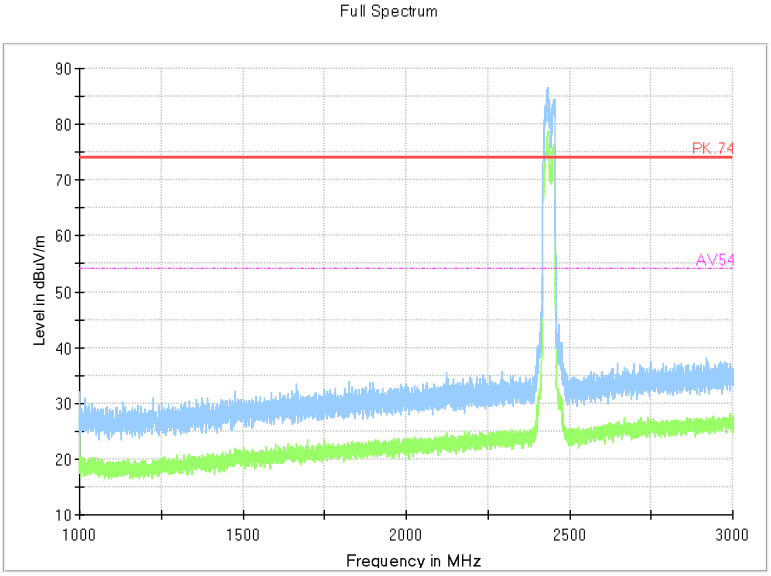
Modulation type: 802.11n(HT40)



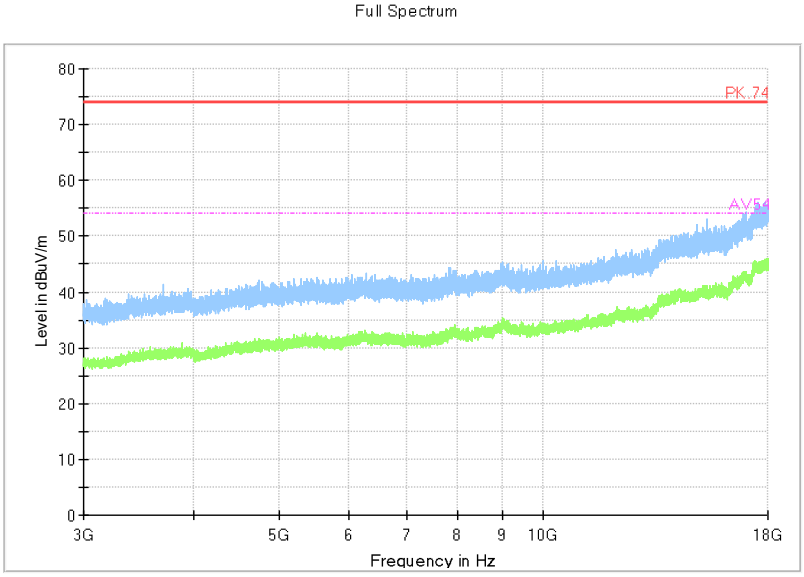
Frequency Range: 30MHz -1GHz

Detector: QP mode

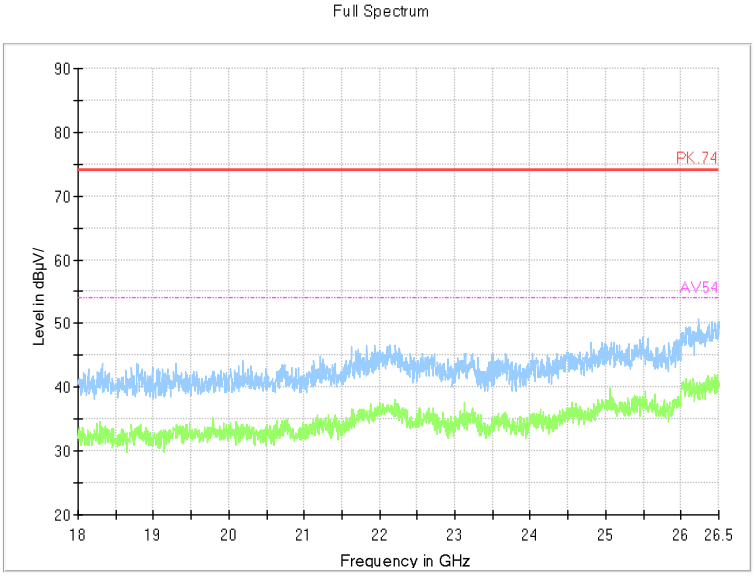
Modulation type: 802.11 ax(HE40)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



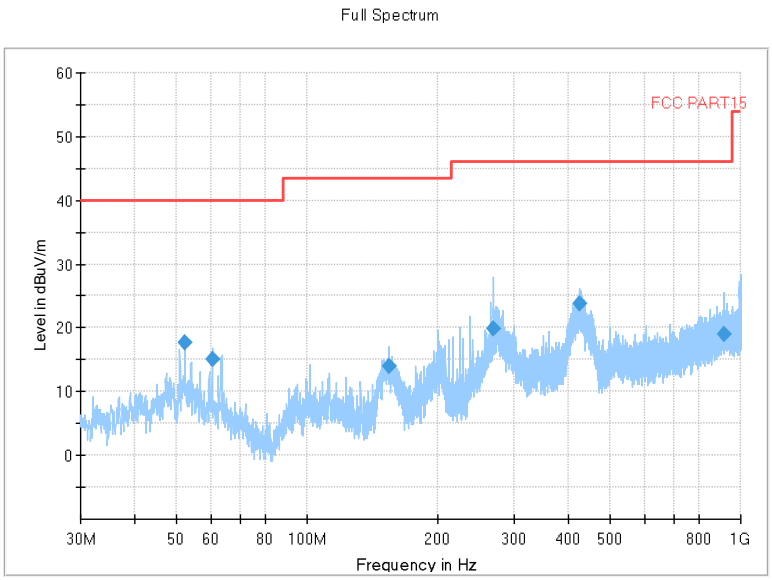
Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE40)

Carrier frequency (MHz): 2452

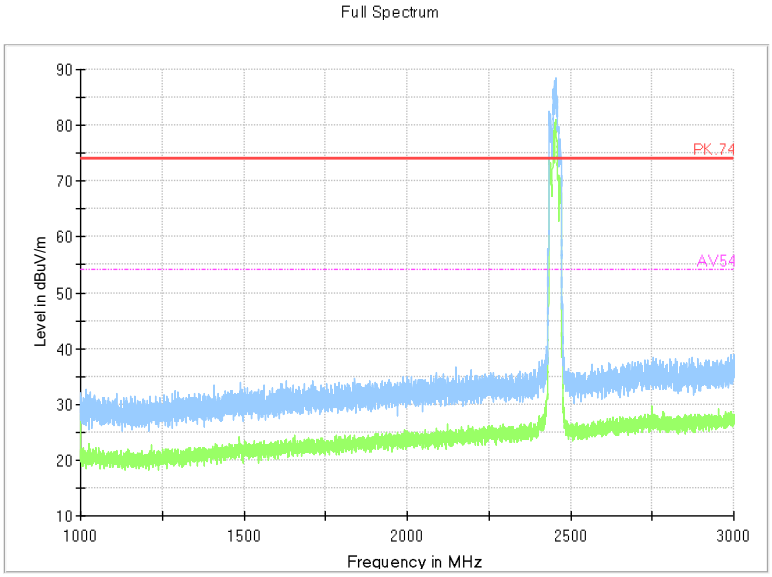
Channel No.:9



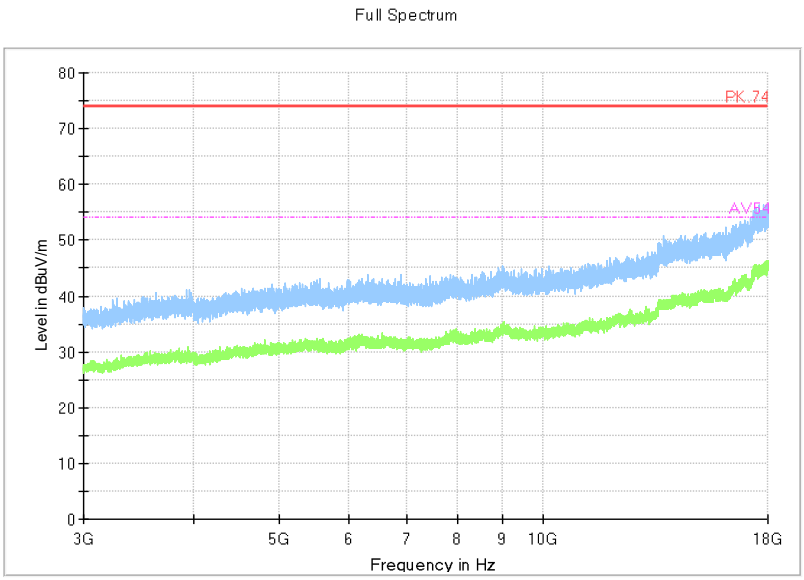
Frequency Range: 30MHz -1GHz

Detector: QP mode

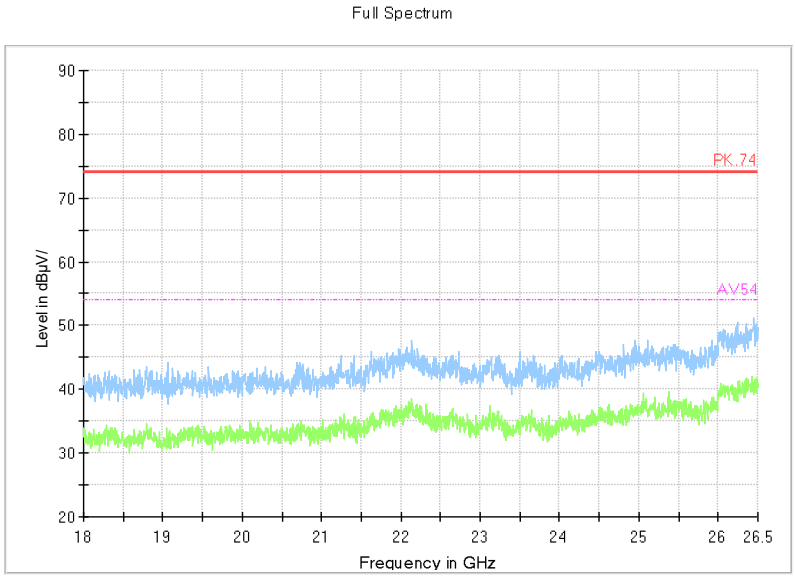
Modulation type: 802.11n(HT40)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



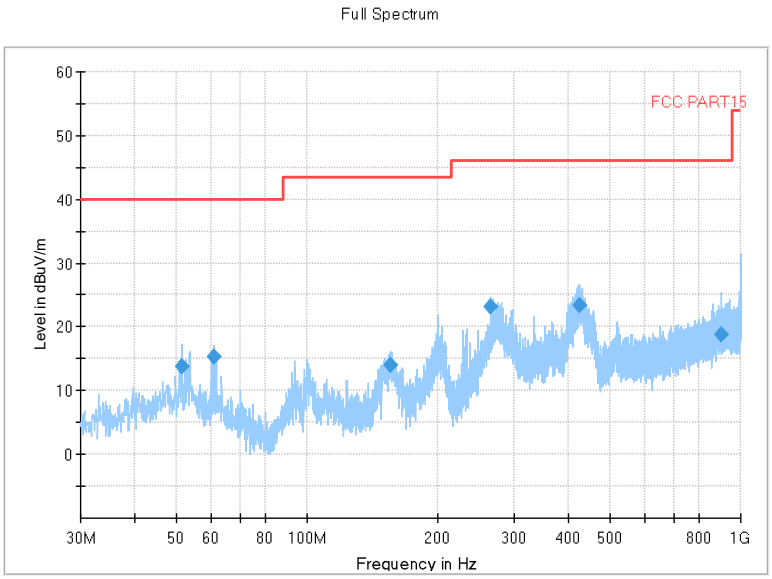
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



Frequency Range: 18GHz -26GHz

Detector: Av mode and PK mode

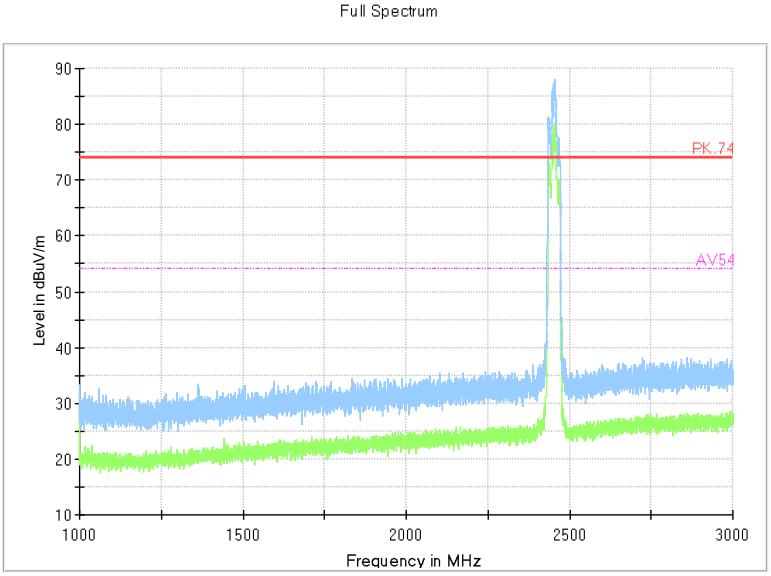
Modulation type: 802.11n(HT40)



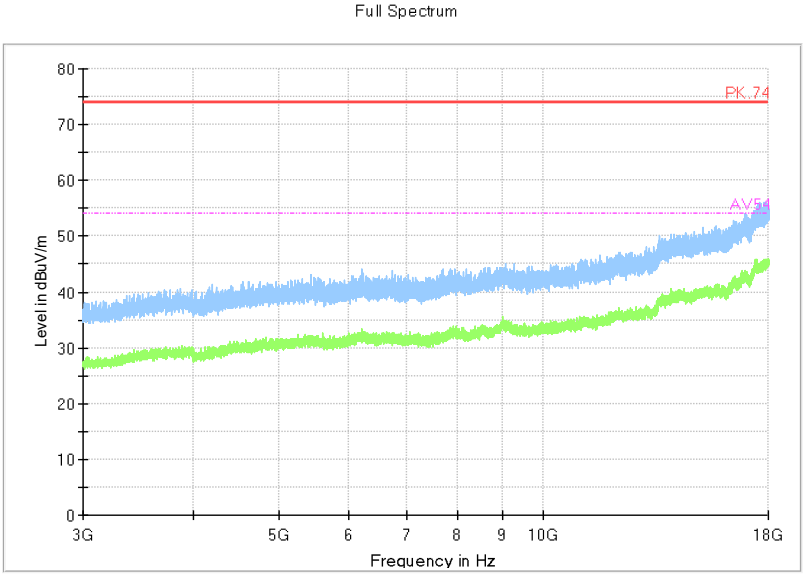
Frequency Range: 30MHz -1GHz

Detector: QP mode

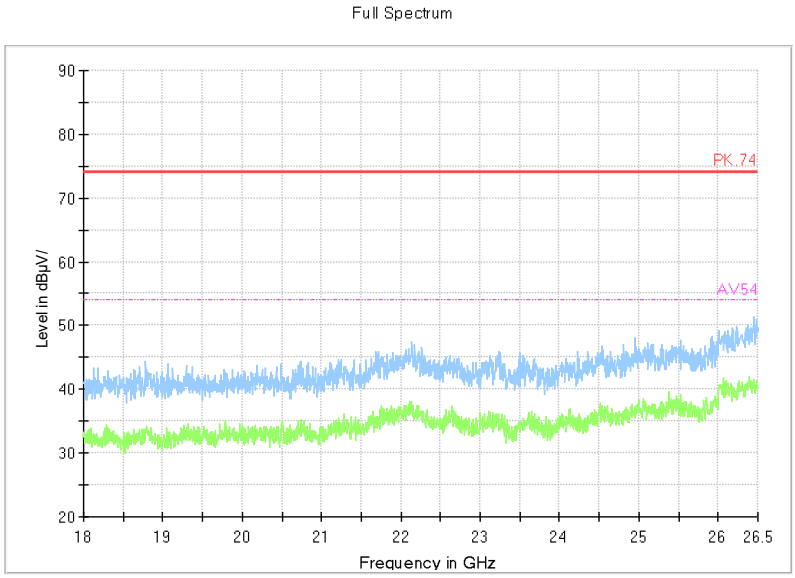
Modulation type: 802.11 ax(HE40)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 18GHz -26GHz

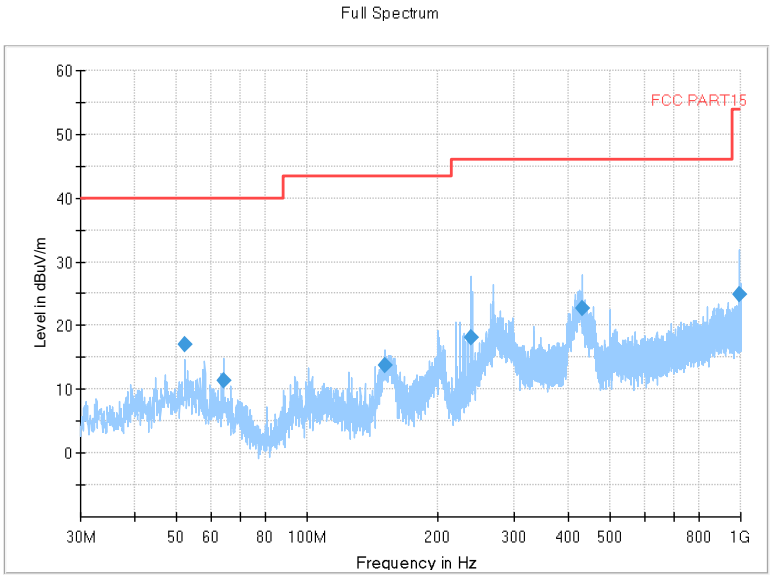
Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE40)

Partial RU (Tone26)

Carrier frequency (MHz): 2412

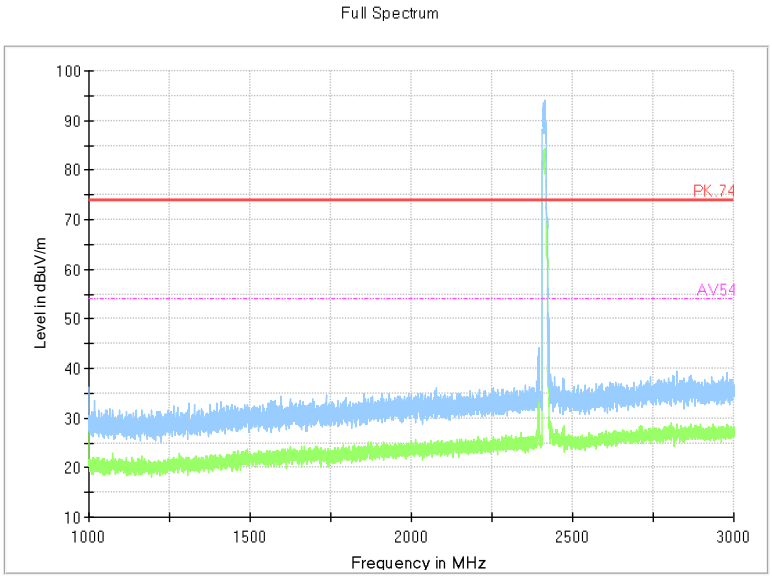
Channel No.:1



Frequency Range: 30MHz -1GHz

Detector: QP mode

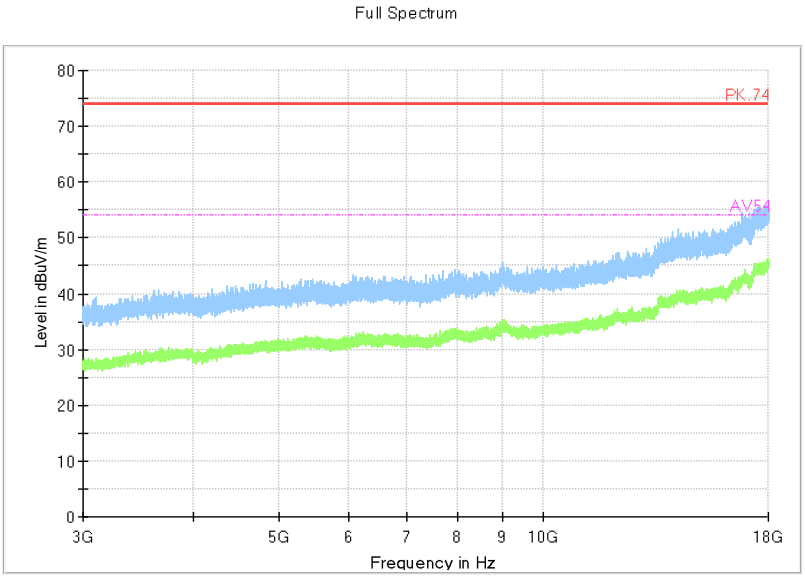
Modulation type: 802.11 ax(HE20)



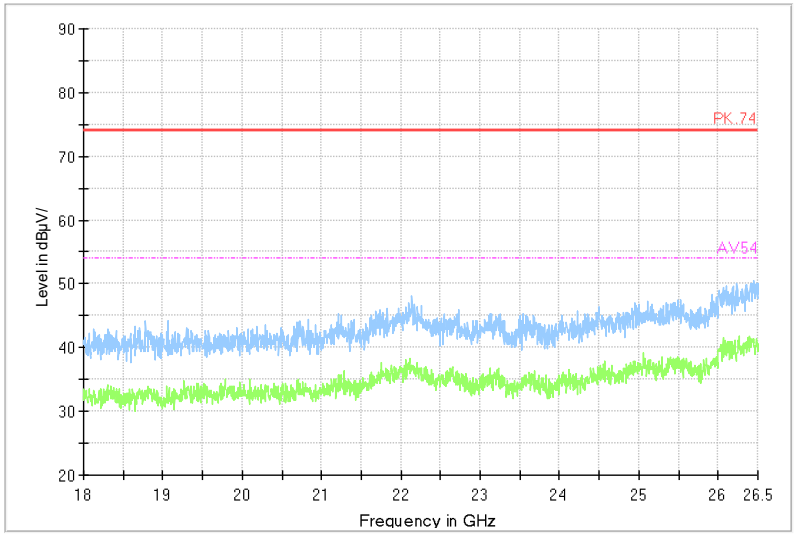
Frequency Range: 1GHz -3GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE20)



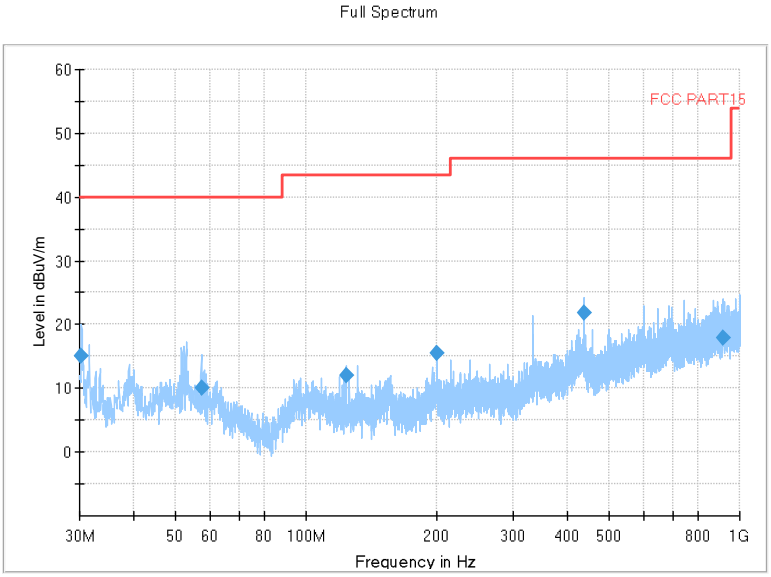
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

Carrier frequency (MHz): 2437

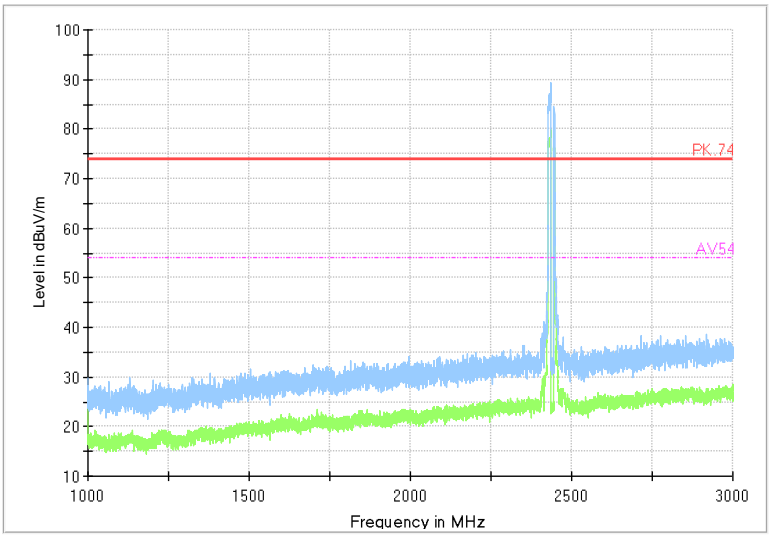
Channel No.:6



Frequency Range: 30MHz -1GHz

Detector: QP mode

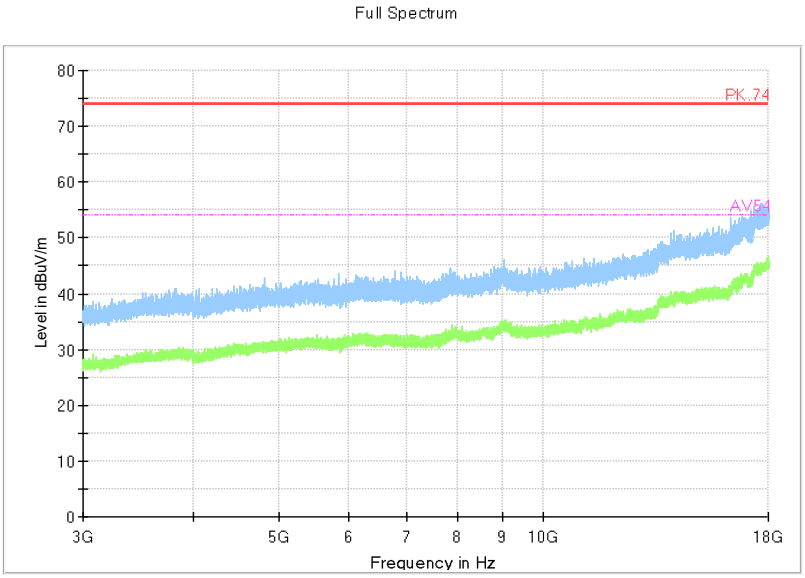
Modulation type: 802.11 ax(HE20)



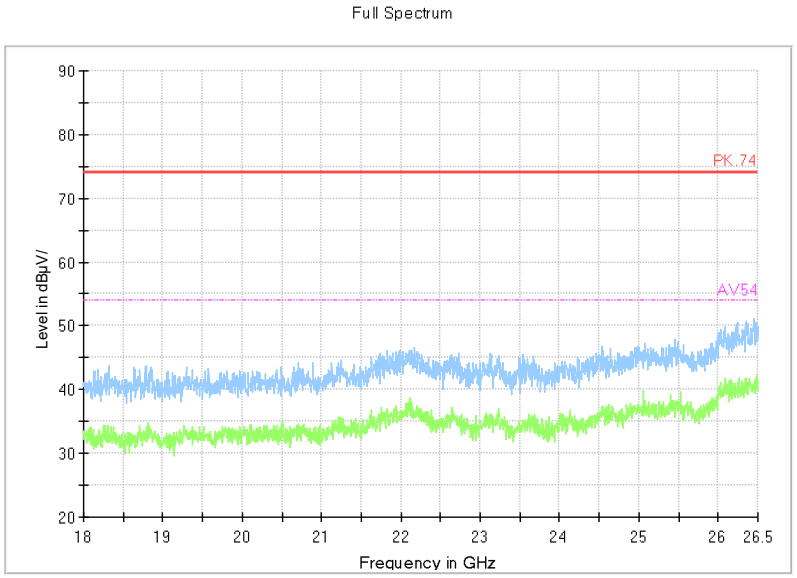
Frequency Range: 1GHz -3GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE20)



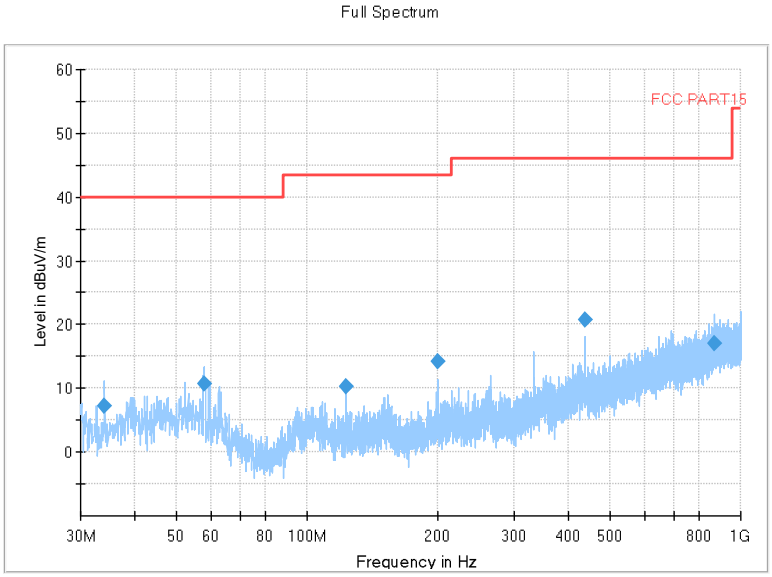
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

Carrier frequency (MHz): 2462

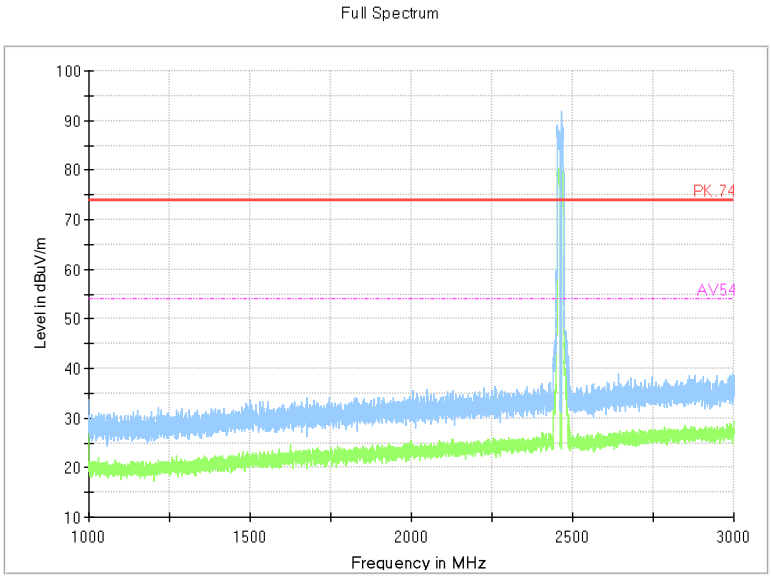
Channel No.:11



Frequency Range: 30MHz -1GHz

Detector: QP mode

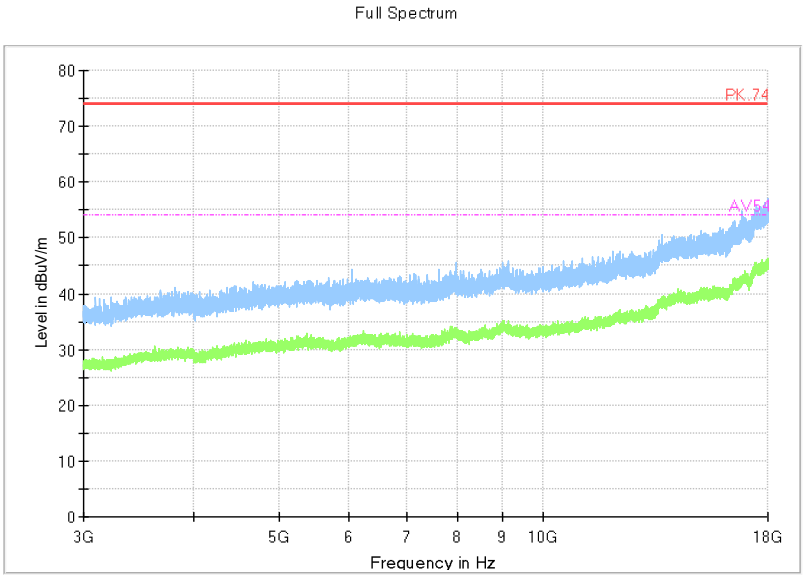
Modulation type: 802.11 ax(HE20)



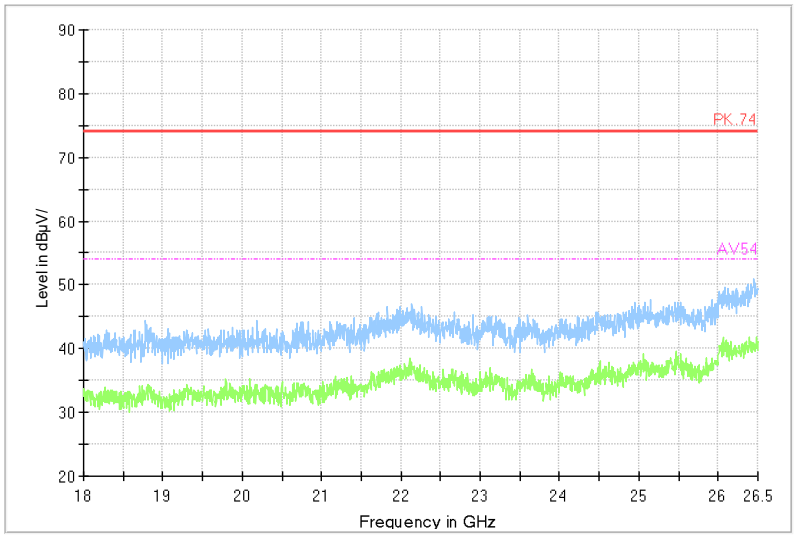
Frequency Range: 1GHz -3GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE20)



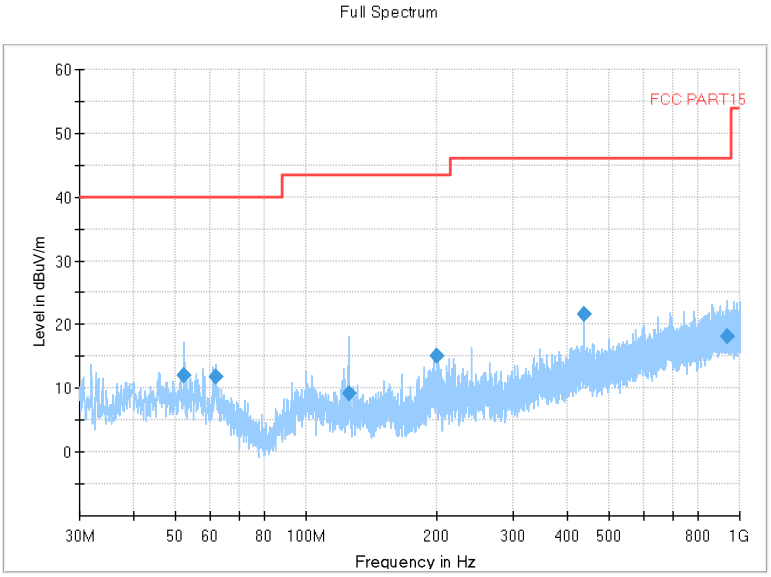
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

Carrier frequency (MHz): 2422

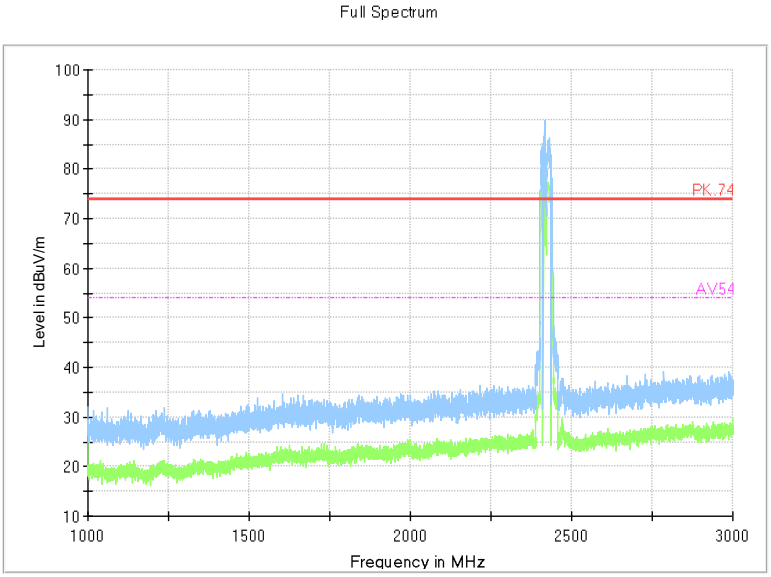
Channel No.:3



Frequency Range: 30MHz -1GHz

Detector: QP mode

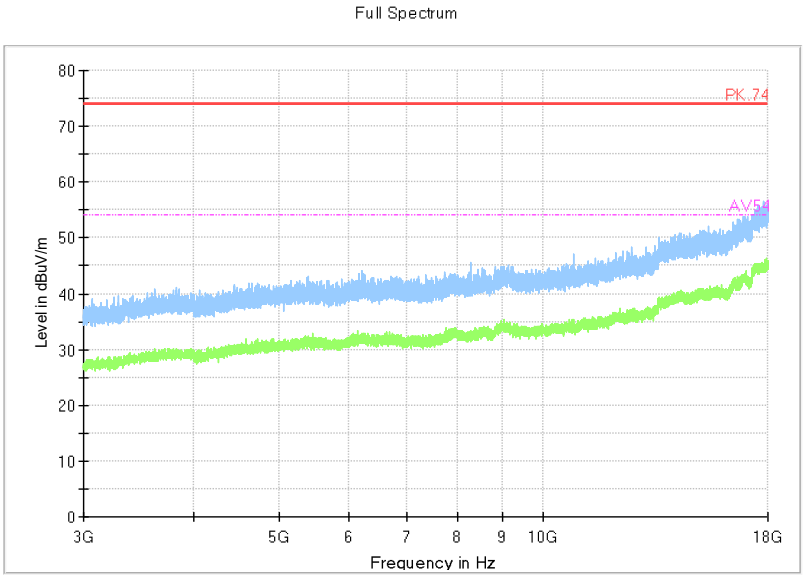
Modulation type: 802.11 ax(HE40)



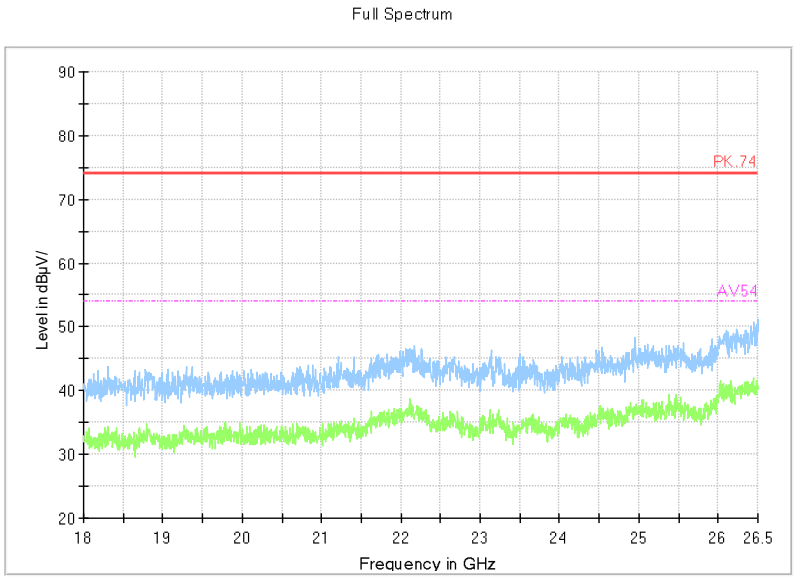
Frequency Range: 1GHz -3GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE40)



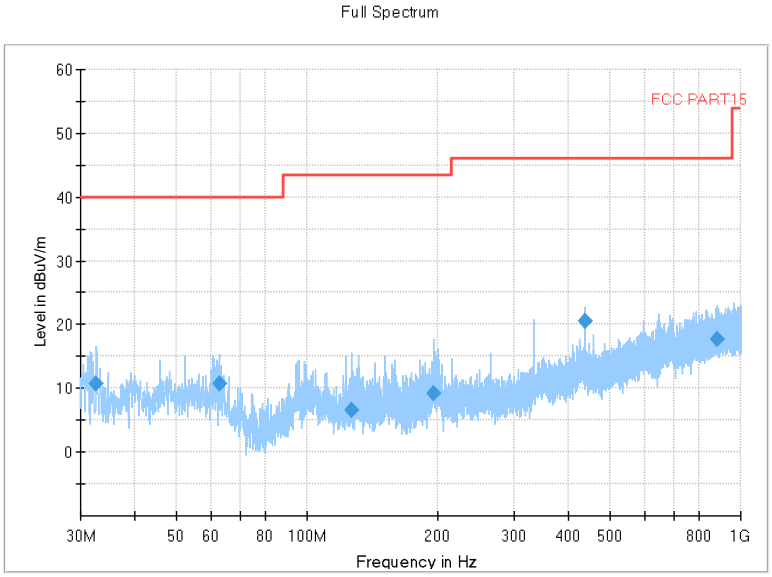
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Carrier frequency (MHz): 2437

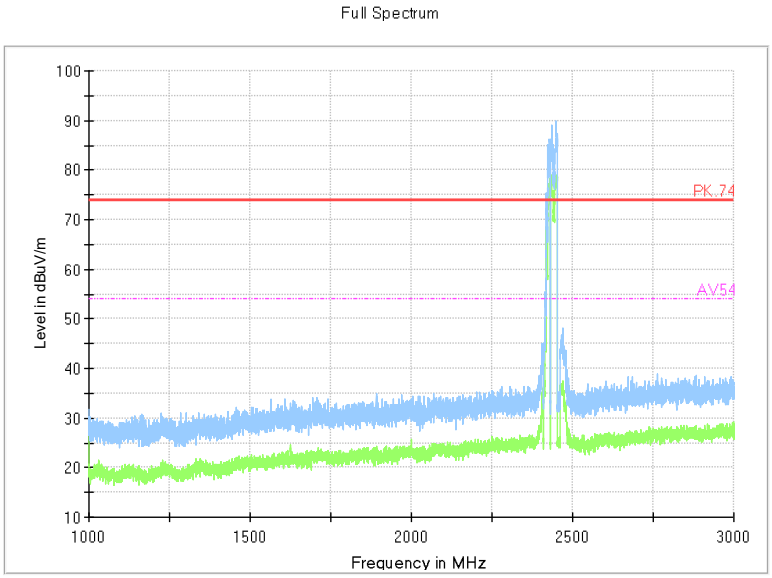
Channel No.:6



Frequency Range: 30MHz -1GHz

Detector: QP mode

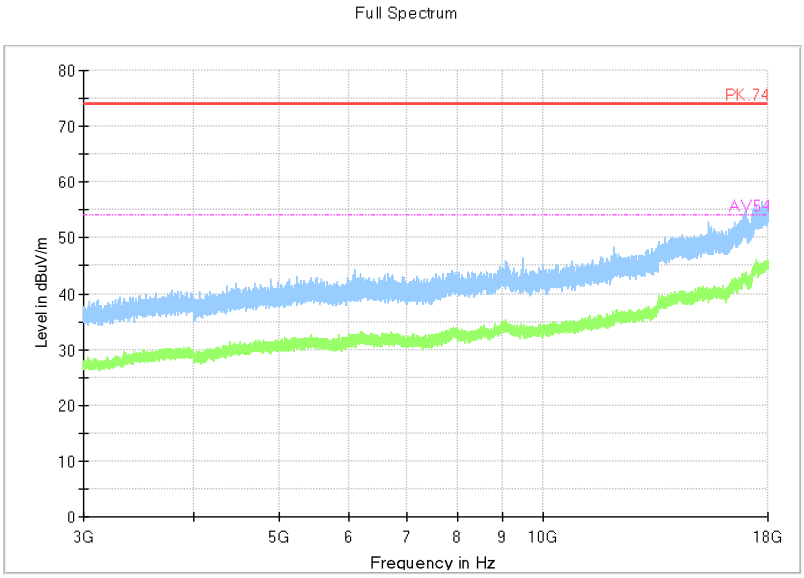
Modulation type: 802.11 ax(HE40)



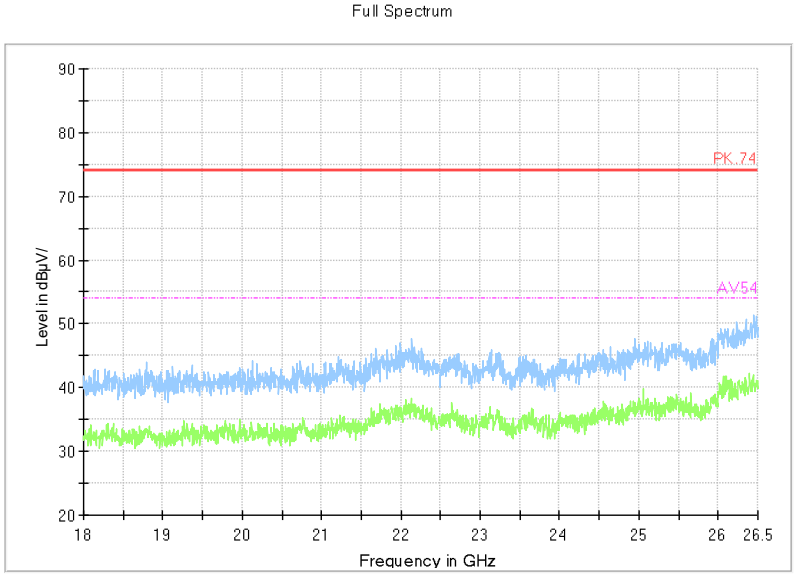
Frequency Range: 1GHz -3GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE40)



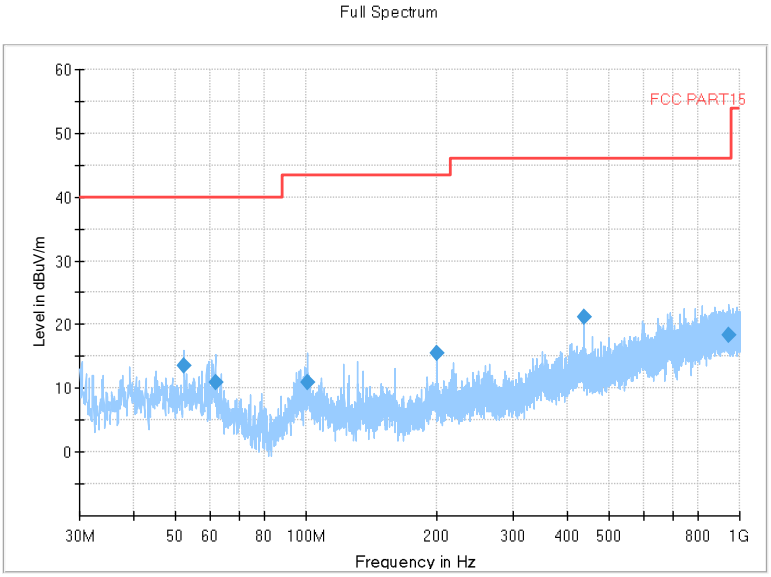
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Carrier frequency (MHz): 2452

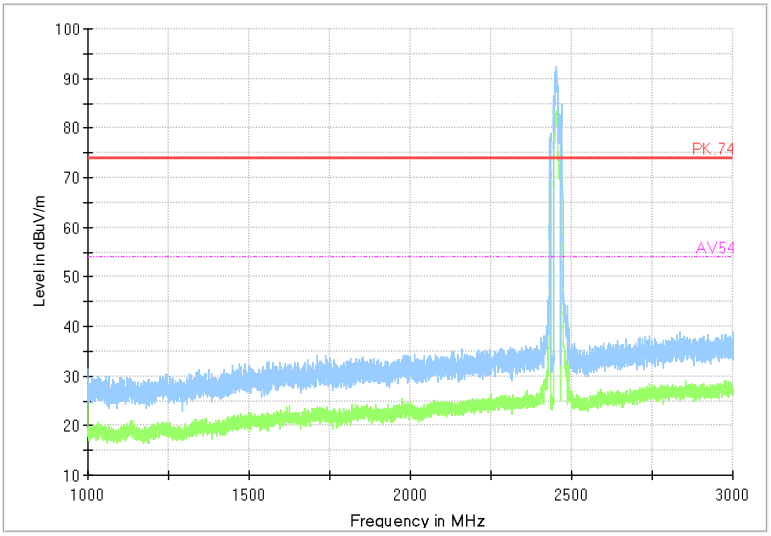
Channel No.:9



Frequency Range: 30MHz -1GHz

Detector: QP mode

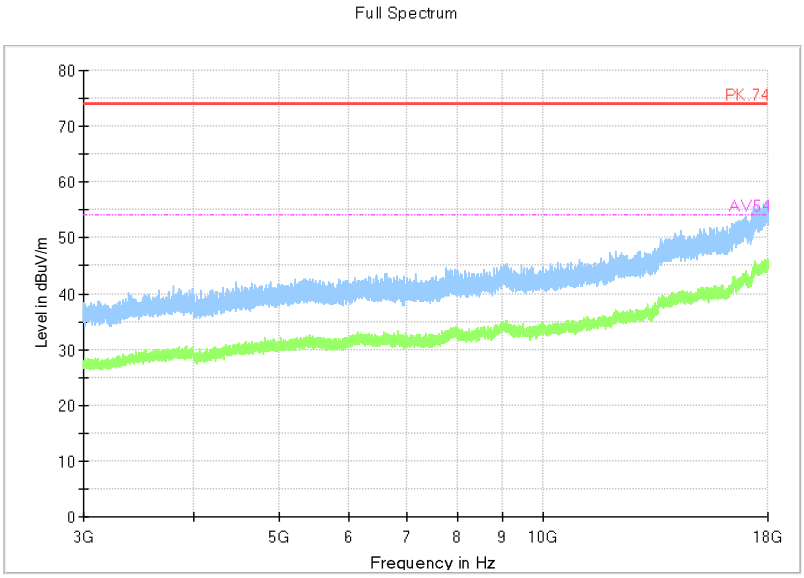
Modulation type: 802.11 ax(HE40)



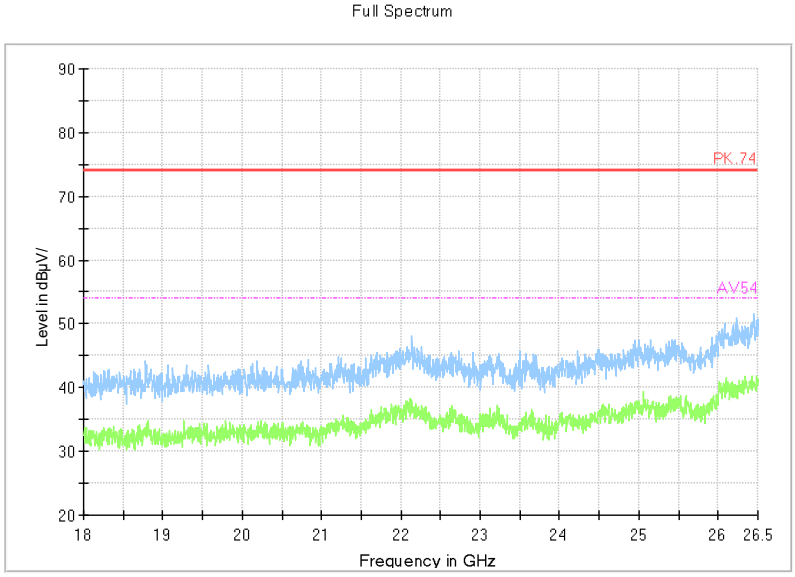
Frequency Range: 1GHz -3GHz

Detector: Av mode and PK mode

Modulation type: 802.11 ax(HE40)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

3.3 6 dB BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

3.3.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	R&S	ESW 44	101973	Mar.28,24	Mar.27,26
Open Switch and Control Unit	R&S	OSP-B157W8	100836	N/A	N/A
Vector Signal Generator	R&S	SMBV100B	102176	Mar.29,24	Mar.28,26
Signal Generator	R&S	SMB100A03	182185	Mar.29,24	Mar.28,26
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.19,24	Jun.18,26
Hygrothermograph	DELI	20210528	SZ015	Sep.06,23	Sep.05,25
PC	LENOVO	E14	HRSW0024	N/A	N/A
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.27,24	Apr.26,25
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.27,24	Apr.26,25
Test Software	EMC32	EMC32	N/A	N/A	N/A
Temperature Chamber	votsch	VT4002	585660781000050	May.30,24	May.29,26
Power Meter	R&S	NRX	102380	Mar.28,24	Mar.27,26
Power Meter probe	R&S	NRP6A	102942	Mar.28,24	Mar.27,26

NOTE:

1. The calibration interval of the above test instruments is 12/ 24 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

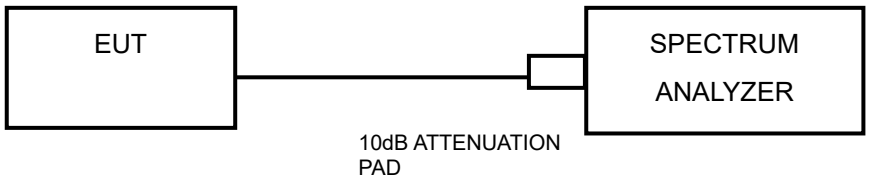
3.3.3 TEST PROCEDURE

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.3.4 DEVIATION FROM TEST STANDARD

No deviation.

3.3.5 TEST SETUP



3.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.3.7 TEST RESULTS

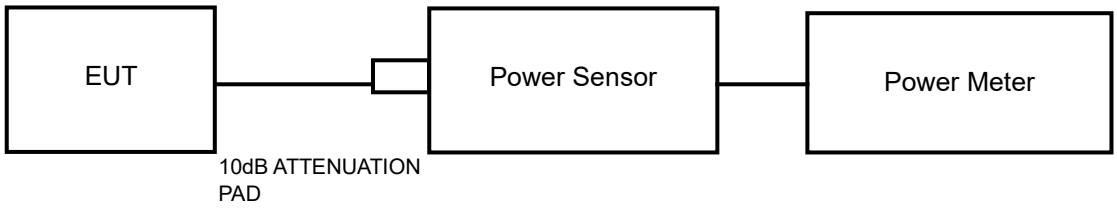
Please Refer to Appendix1/2 Of this test report.

3.4 CONDUCTED OUTPUT POWER

3.4.1 LIMITS OF CONDUCTED OUTPUT POWER MEASUREMENT

For systems using digital modulation in the 2400–2483.5 MHz band: 1 Watt (30dBm)

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.4.4 TEST PROCEDURES

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.4.7 TEST RESULTS

3.4.7.1 MAXIMUM PEAK OUTPUT POWER

Please Refer to Appendix1/2 Of this test report.

3.4.7.2 AVERAGE OUTPUT POWER (FOR REFERENCE)

The average power sensor was used on the output port of the EUT. A power meter was used to read the response of the power sensor. Record the power level.

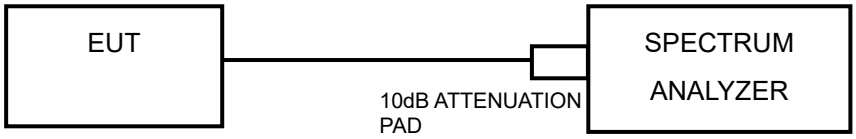
Please Refer to Appendix1/2 Of this test report.

3.5 POWER SPECTRAL DENSITY MEASUREMENT

3.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm/3KHz.

3.5.2 TEST SETUP



3.5.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.5.4 TEST PROCEDURE

1. Set the span to 1.5 times the DTS bandwidth
2. Set the RBW = 3 kHz, VBW ≥ 3 x RBW, Detector = peak.
3. Sweep time = auto couple, Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

3.5.5 DEVIATION FROM TEST STANDARD

No deviation.

3.5.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.5.7 TEST RESULTS

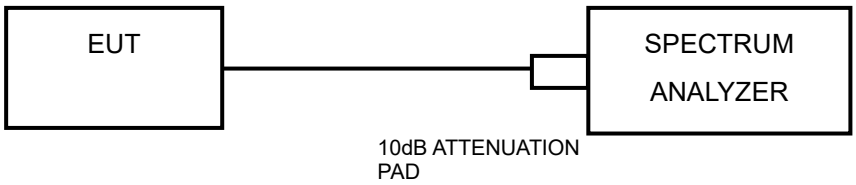
Please Refer to Appendix1/2 Of this test report.

3.6 OUT OF BAND EMISSION MEASUREMENT

3.6.1 LIMITS OF OUT OF BAND EMISSION MEASUREMENT

Below –20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

3.6.2 TEST SETUP



3.6.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.6.4 TEST PROCEDURE

MEASUREMENT PROCEDURE REF

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

MEASUREMENT PROCEDURE OOBE

1. Set RBW = 100 kHz.
2. Set VBW ≥ 300 kHz.
3. Set span to encompass the spectrum to be examined
4. Detector = peak.
5. Trace Mode = max hold.
6. Sweep = auto couple.

3.6.5 DEVIATION FROM TEST STANDARD

No deviation.

3.6.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.6.7 TEST RESULTS

The spectrum plots are attached on the following images. D1 line indicates the highest level. D2 line indicates the 20dB offset below D1. It shows compliance to the requirement.

Please Refer to Appendix1/2 Of this test report.

3.7 ANTENNA REQUIREMENTS

3.7.1 STANDARD APPLICABLE

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.7.2 ANTENNA CONNECTED CONSTRUCTION

An embedded-in antenna design is used.

3.7.3 ANTENNA GAIN

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit and PSD limit.

NOTE :DG= directional gain, Power Limit Reduction = DG For Power Gain -6dbi<0
PSD Limit Reduction = DG For PSD – 6dBi<0.Therefore, it is not necessary to reduce maximum peak output power and PSD limit.

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

6 APPENDIX 1

WLAN 2.4G
DTS BANDWIDTH

TEST RESULT

Test Mode	Antenna	6 dB bandwidth (MHz)		
		Channel No.1	Channel No.6	Channel No.11
		2412MHz	2437MHz	2462MHz
802.11b	Chain0	6.22	6.42	8.20
802.11b	Chain1	8.56	6.07	6.03
802.11g	Chain0	15.44	16.33	16.41
802.11g	Chain1	16.32	16.13	16.42
802.11n HT20	Chain0	16.33	17.62	16.83
802.11n HT20	Chain1	17.61	17.61	17.61
802.11ax HE20	Chain0	16.25	18.41	16.46
802.11ax HE20	Chain1	17.23	17.37	10.48

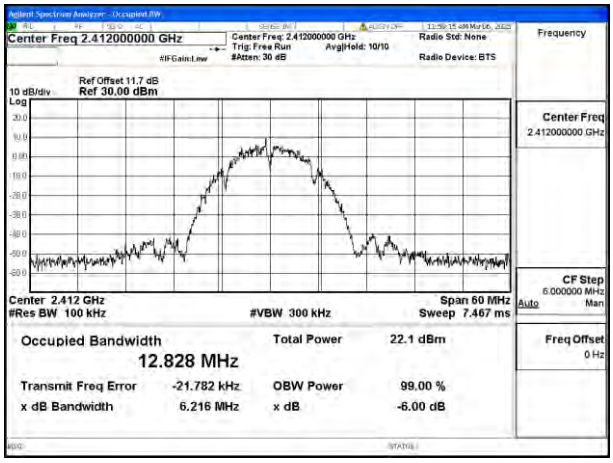
Test Mode	Antenna	6 dB bandwidth (MHz)		
		Channel No.3	Channel No.6	Channel No.9
		2422MHz	2437MHz	2452MHz
802.11n HT40	Chain0	35.44	34.34	35.05
802.11n HT40	Chain1	33.77	35.64	29.71
802.11ax HE40	Chain0	36.57	33.42	37.49
802.11ax HE40	Chain1	37.47	37.07	36.53

Test Mode	Tones/ RU Index	Antenna	6 dB bandwidth (MHz)		
			Channel No.1	Channel No.6	Channel No.11
			2412MHz	2437MHz	2462MHz
802.11ax HE20	26T+0	Chain0	2.08	2.09	2.06
802.11ax HE20	26T+0	Chain1	2.09	2.11	2.09

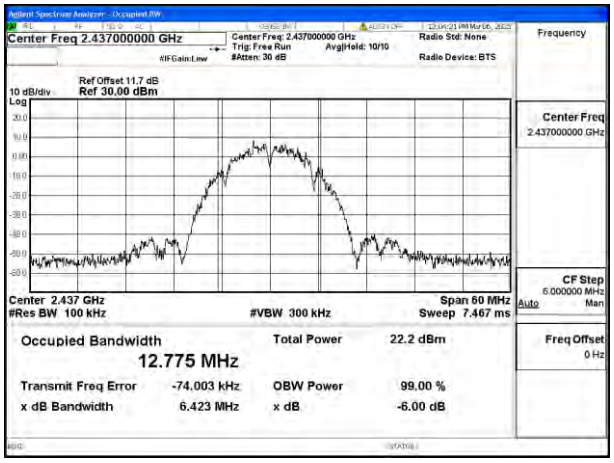
Test Mode	Tones/ RU Index	Antenna	6 dB bandwidth (MHz)		
			Channel No.3	Channel No.6	Channel No.9
			2422MHz	2437MHz	2452MHz
802.11ax HE40	26T+0	Chain0	17.03	2.04	2.14
802.11ax HE40	26T+0	Chain1	17.05	2.13	2.15

TEST GRAPHS

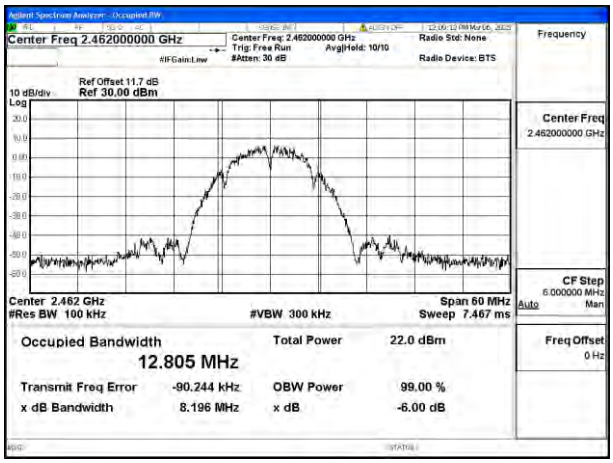
Test Mode: 802.11b



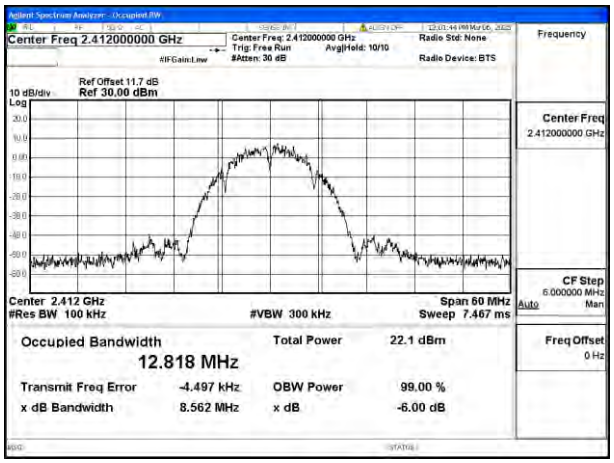
Mode:802.11b Frequency:2412MHz Ant:Chain0



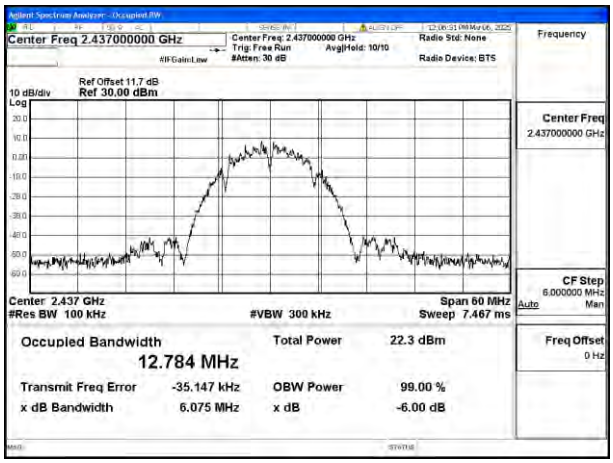
Mode:802.11b Frequency:2437MHz Ant:Chain0



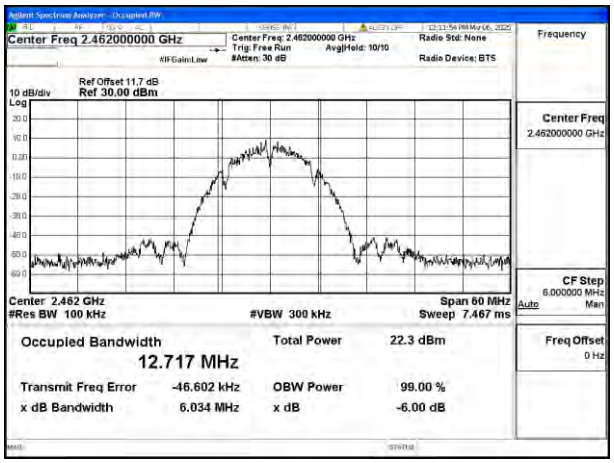
Mode:802.11b Frequency:2462MHz Ant:Chain0



Mode:802.11b Frequency:2412MHz Ant:Chain1

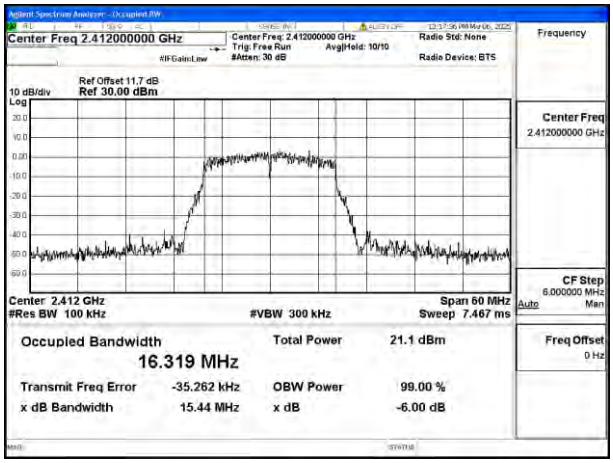


Mode:802.11b Frequency:2437MHz Ant:Chain1

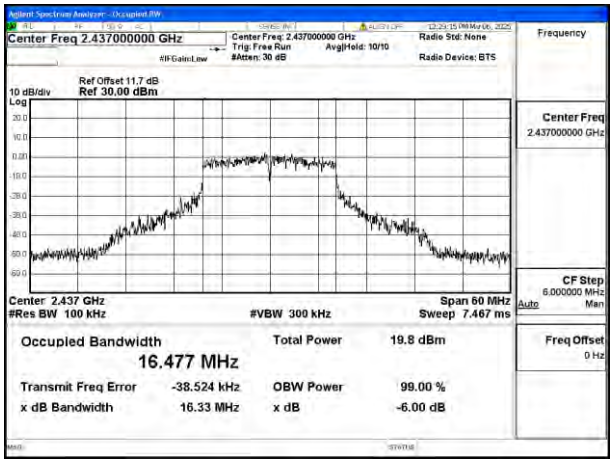


Mode:802.11b Frequency:2462MHz Ant:Chain1

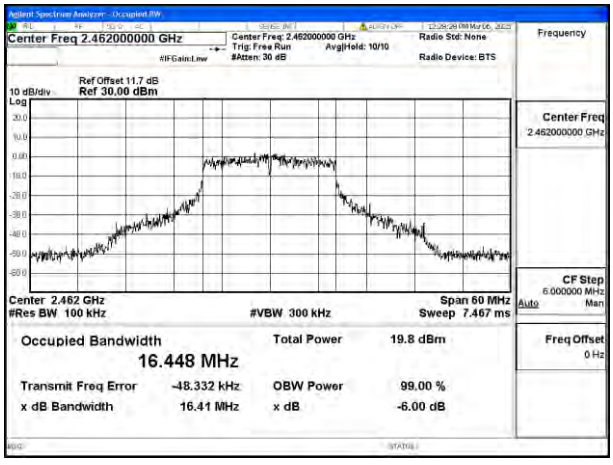
Test Mode: 802.11g



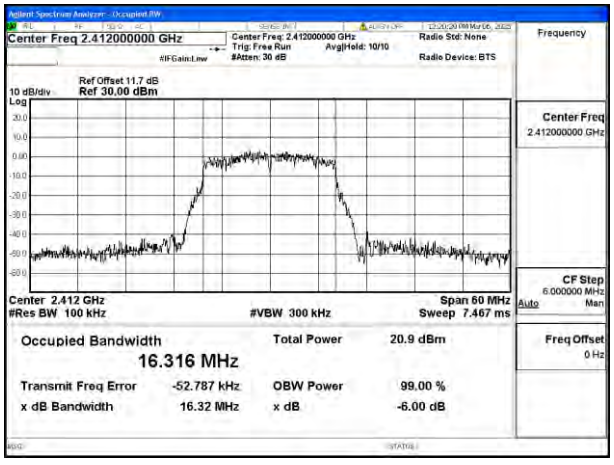
Mode:802.11g Frequency:2412MHz Ant:Chain0



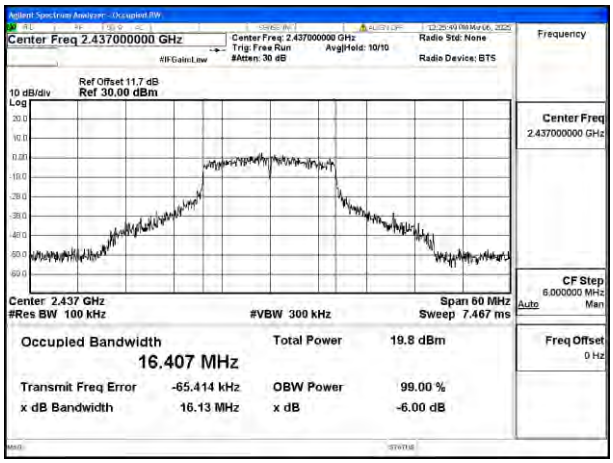
Mode:802.11g Frequency:2437MHz Ant:Chain0



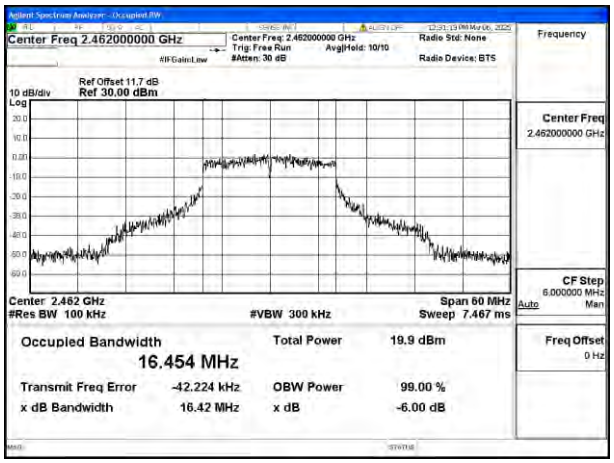
Mode:802.11g Frequency:2462MHz Ant:Chain0



Mode:802.11g Frequency:2412MHz Ant:Chain1

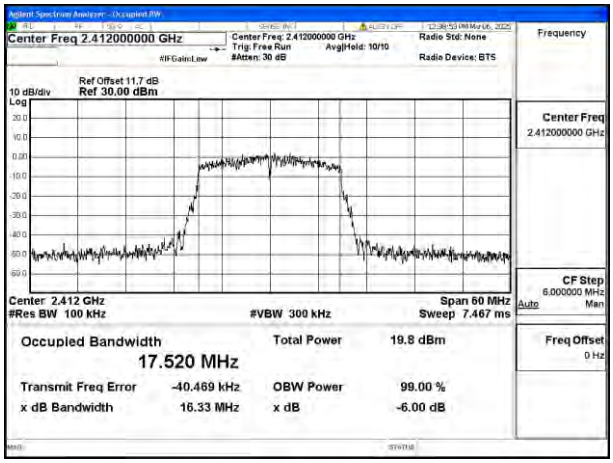


Mode:802.11g Frequency:2437MHz Ant:Chain1



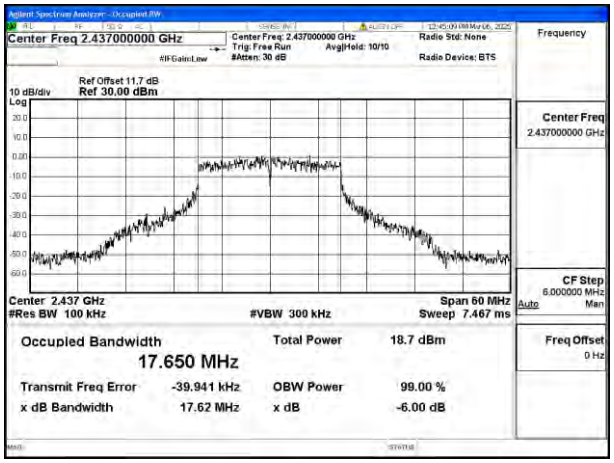
Mode:802.11g Frequency:2462MHz Ant:Chain1

Test Mode: 802.11n HT20



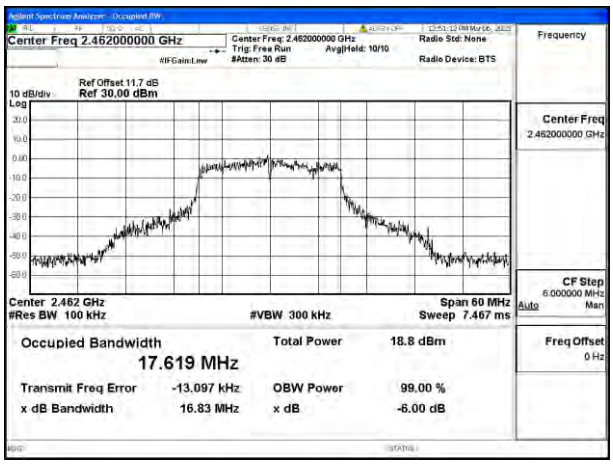
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain0



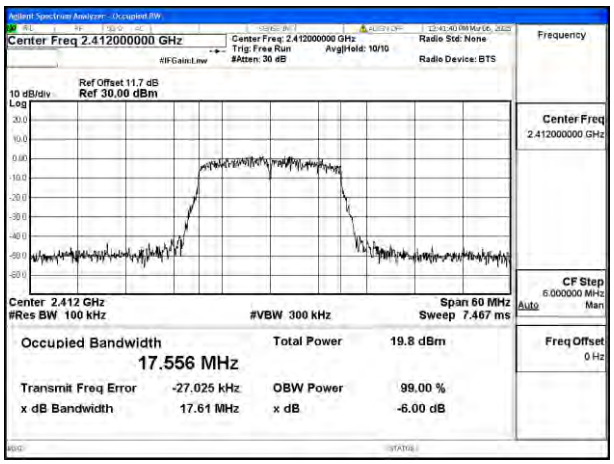
Mode:802.11n HT20 Frequency:2437MHz

Ant:Chain0



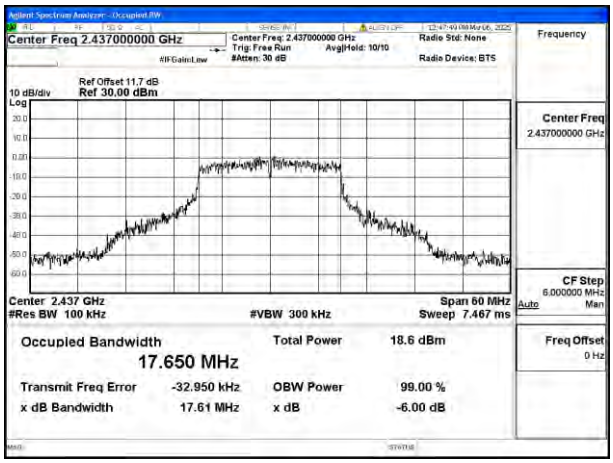
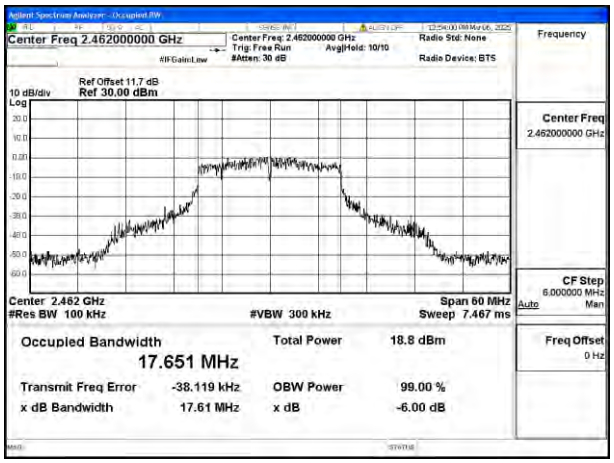
Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain0

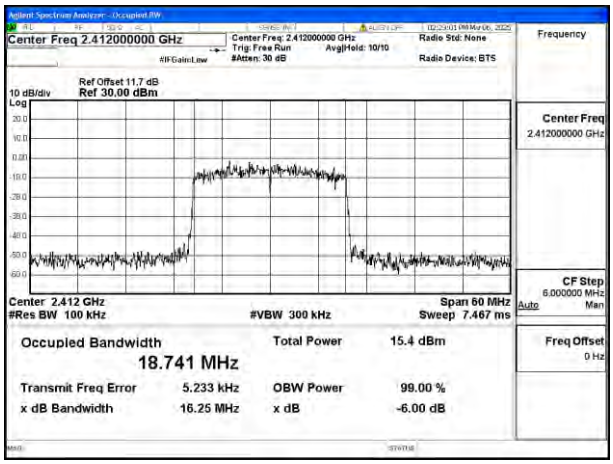
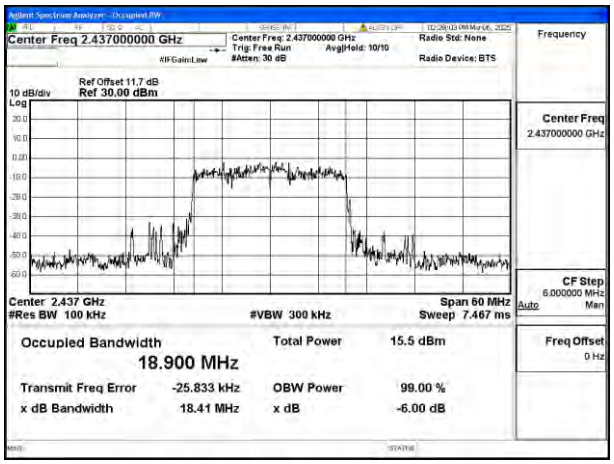
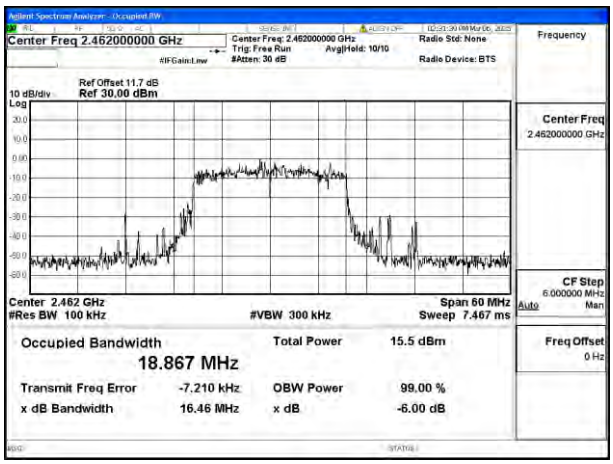
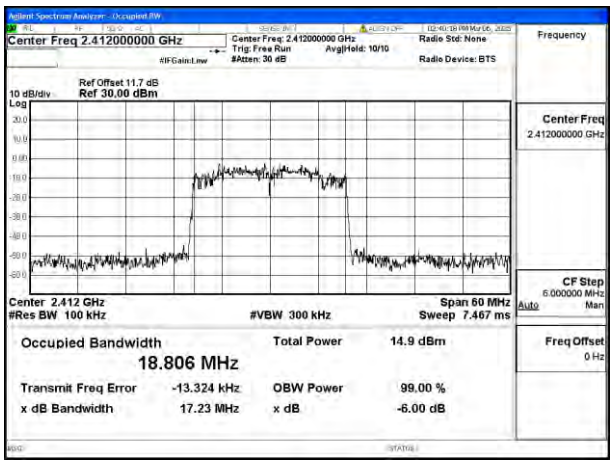


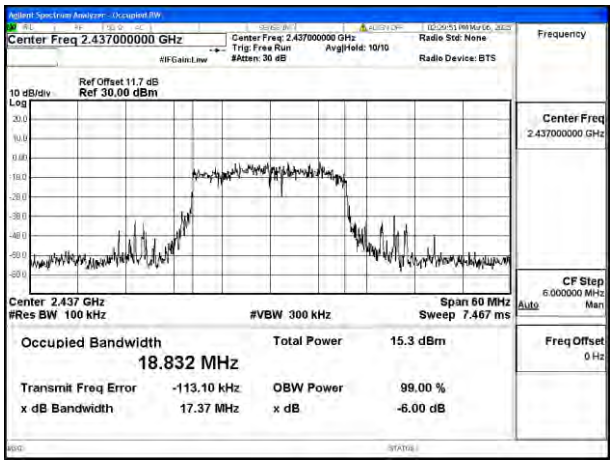
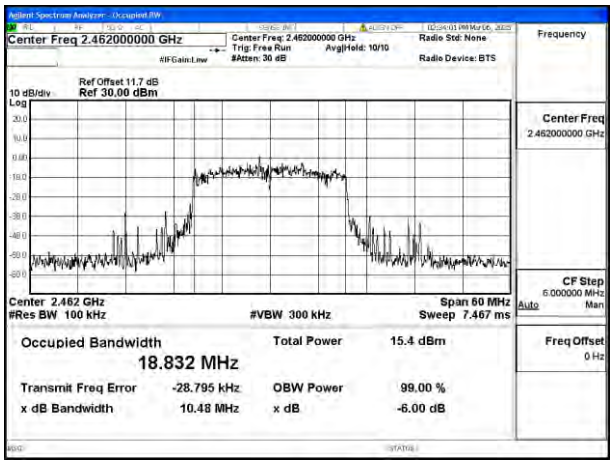
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain1

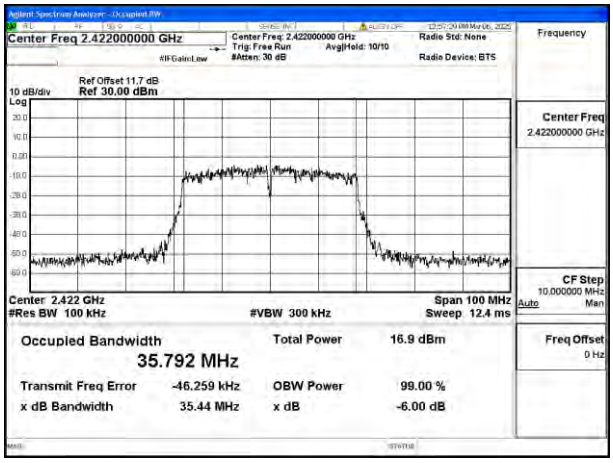
	
Mode:802.11n HT20 Frequency:2437MHz Ant:Chain1	Mode:802.11n HT20 Frequency:2462MHz Ant:Chain1

Test Mode: 802.11ax HE20

	
Mode:802.11ax HE20 Tone:242T Frequency:2412MHz Ant:Chain0	Mode:802.11ax HE20 Tone:242T Frequency:2437MHz Ant:Chain0
	
Mode:802.11ax HE20 Tone:242T	Mode:802.11ax HE20 Tone:242T

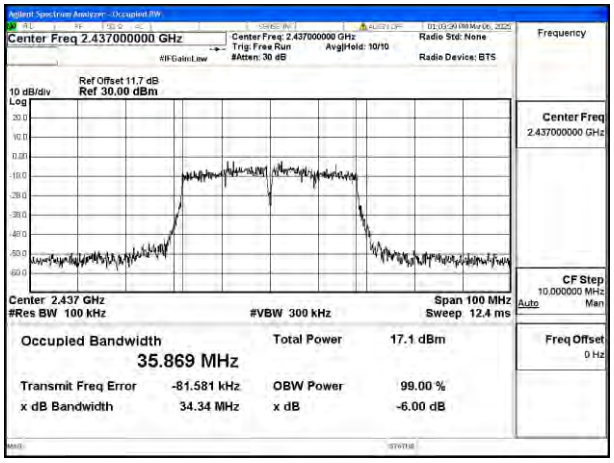
Frequency:2462MHz Ant:Chain0	Frequency:2412MHz Ant:Chain1
	
Mode:802.11ax HE20 Tone:242T Frequency:2437MHz Ant:Chain1	Mode:802.11ax HE20 Tone:242T Frequency:2462MHz Ant:Chain1

Test Mode: 802.11n HT40



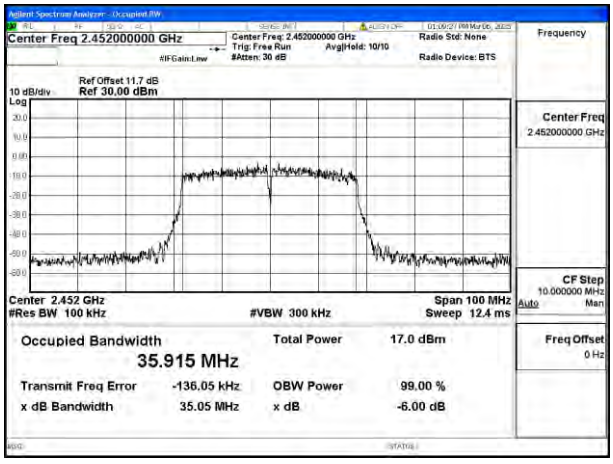
Mode:802.11n HT40 Frequency:2422MHz

Ant:Chain0



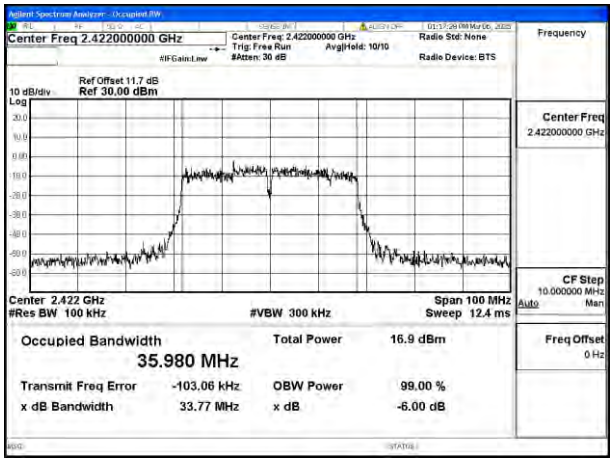
Mode:802.11n HT40 Frequency:2437MHz

Ant:Chain0



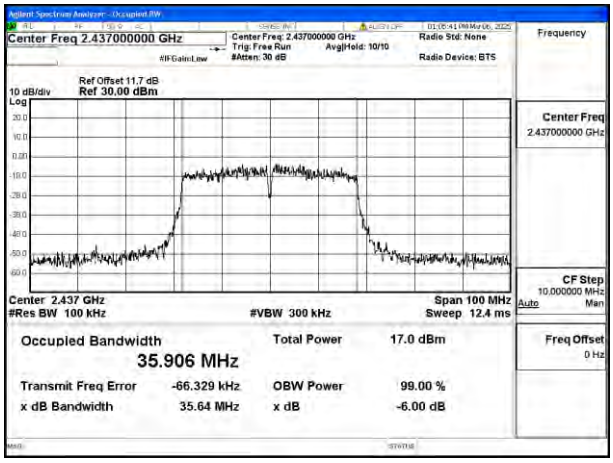
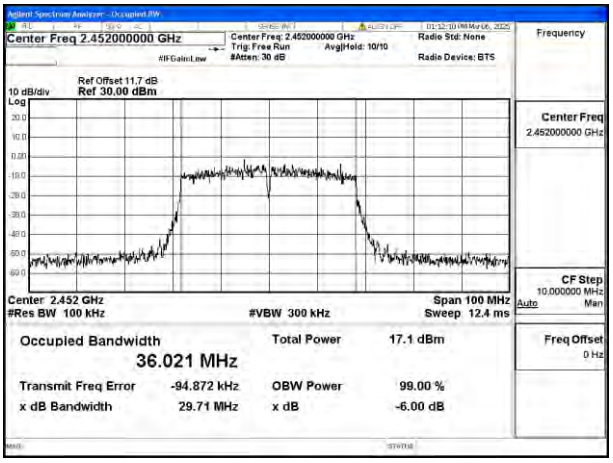
Mode:802.11n HT40 Frequency:2452MHz

Ant:Chain0

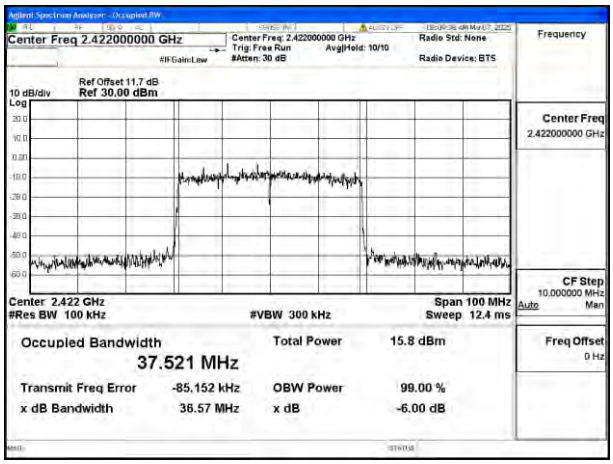
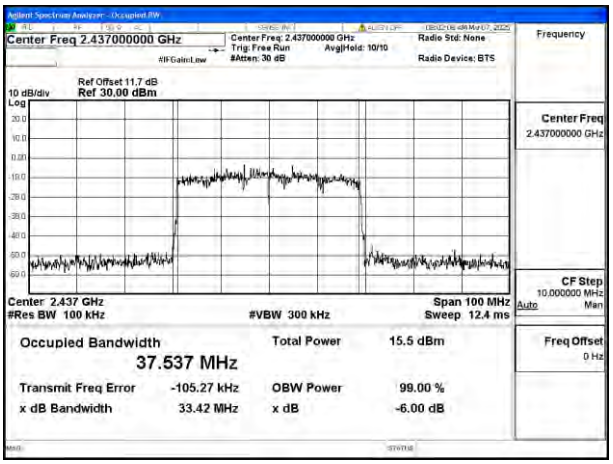
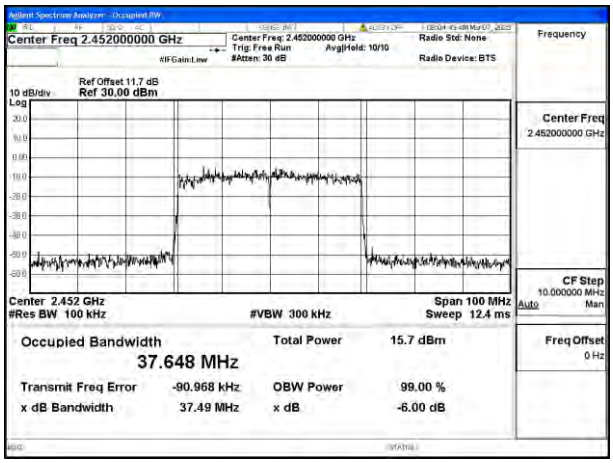
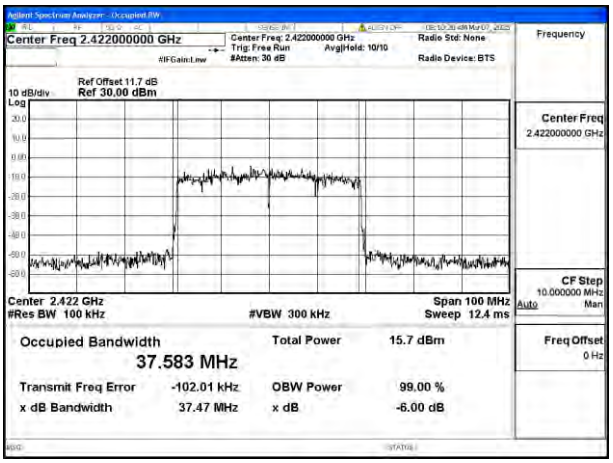


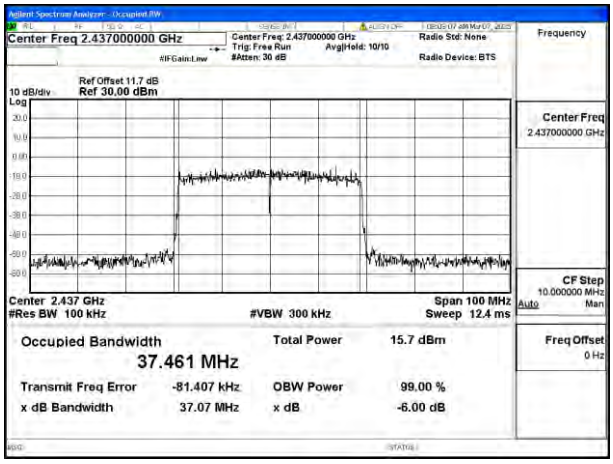
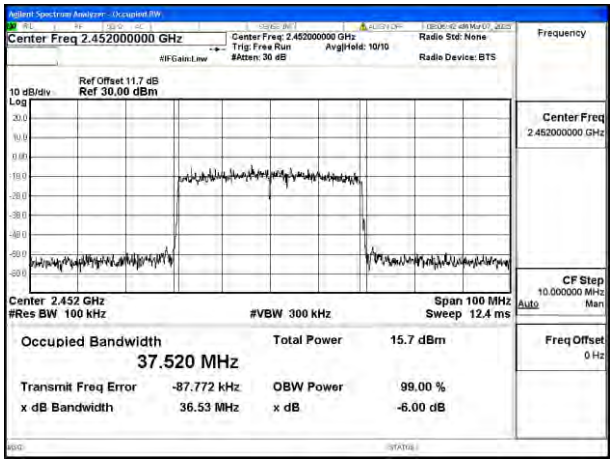
Mode:802.11n HT40 Frequency:2422MHz

Ant:Chain1

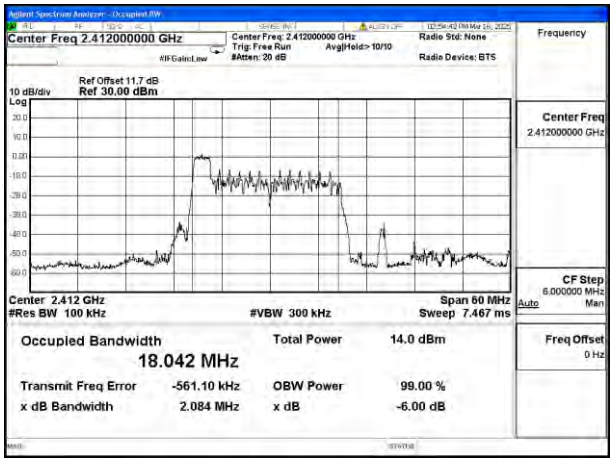
	
Mode:802.11n HT40 Frequency:2437MHz Ant:Chain1	Mode:802.11n HT40 Frequency:2452MHz Ant:Chain1

Test Mode: 802.11ax HE40

	
Mode:802.11ax HE40 Tone:484T Frequency:2422MHz Ant:Chain0	Mode:802.11ax HE40 Tone:484T Frequency:2437MHz Ant:Chain0
	
Mode:802.11ax HE40 Tone:484T Frequency:2452MHz Ant:Chain0	Mode:802.11ax HE40 Tone:484T Frequency:2422MHz Ant:Chain1

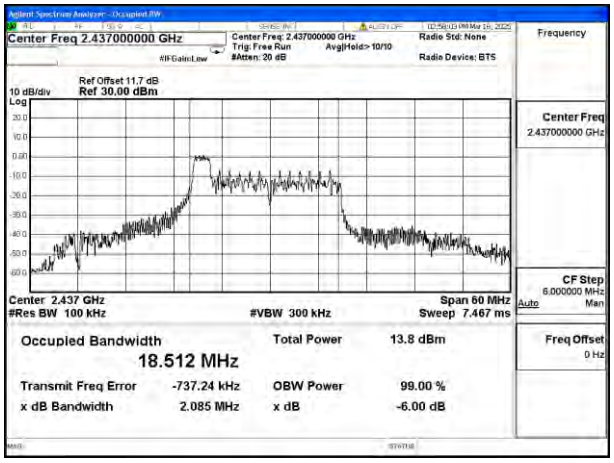
Mode:802.11ax HE40 Tone:484T Frequency:2452MHz Ant:Chain0	Mode:802.11ax HE40 Tone:484T Frequency:2422MHz Ant:Chain1
	
Mode:802.11ax HE40 Tone:484T Frequency:2437MHz Ant:Chain1	Mode:802.11ax HE40 Tone:484T Frequency:2452MHz Ant:Chain1

Test Mode: 802.11ax HE20 26T



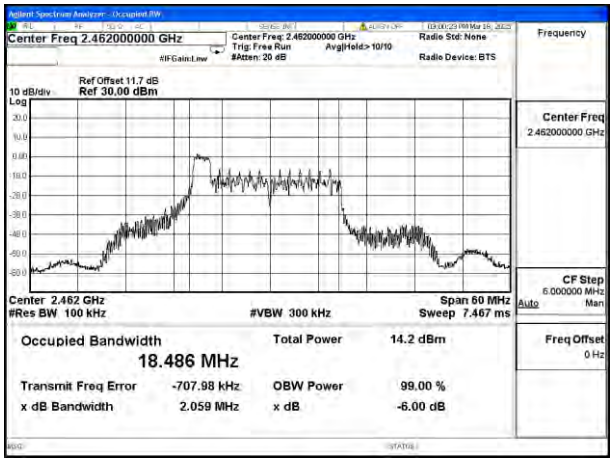
Mode:802.11ax HE20 Tone:26T Frequency:2412MHz

Ant:Chain0



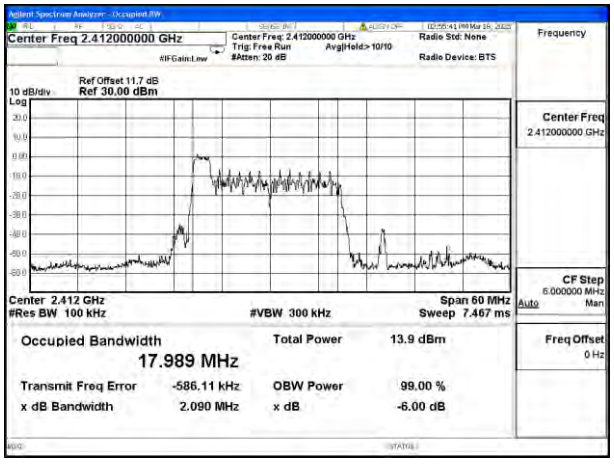
Mode:802.11ax HE20 Tone:26T Frequency:2437MHz

Ant:Chain0



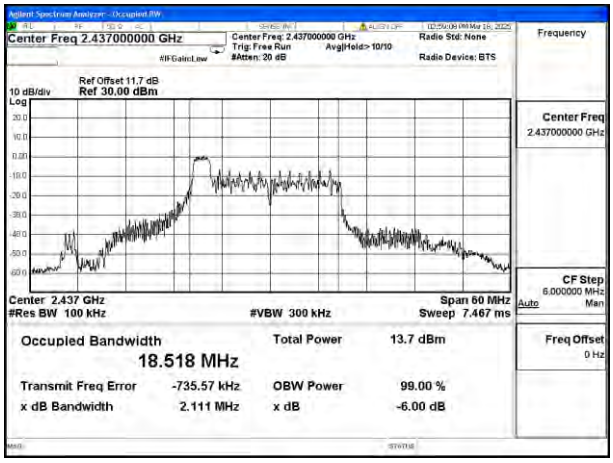
Mode:802.11ax HE20 Tone:26T Frequency:2462MHz

Ant:Chain0



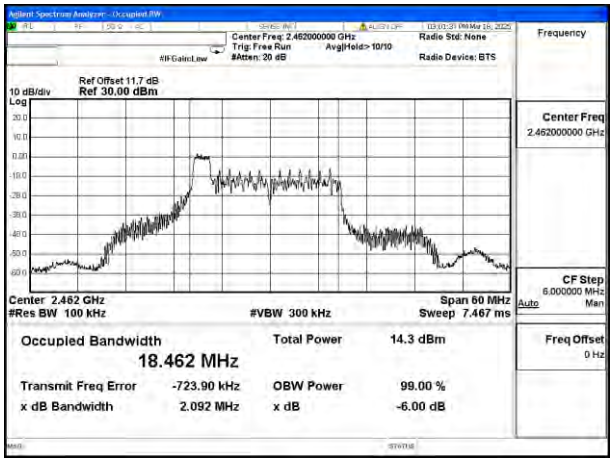
Mode:802.11ax HE20 Tone:26T Frequency:2412MHz

Ant:Chain1



Mode:802.11ax HE20 Tone:26T Frequency:2437MHz

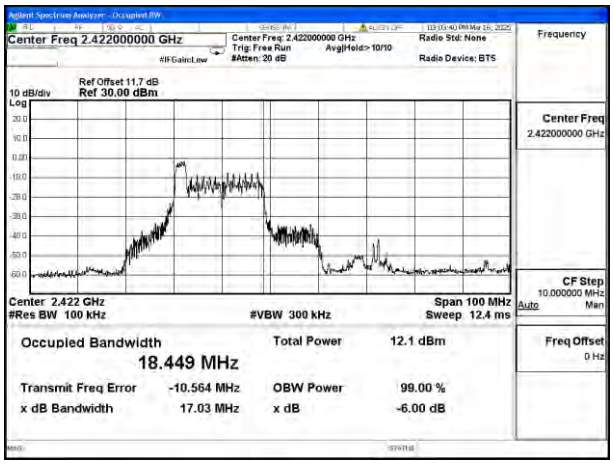
Ant:Chain1



Mode:802.11ax HE20 Tone:26T Frequency:2462MHz

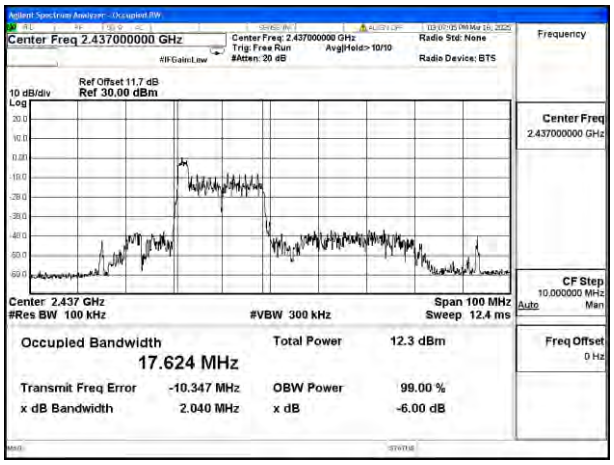
Ant:Chain1

Test Mode: 802.11ax HE40



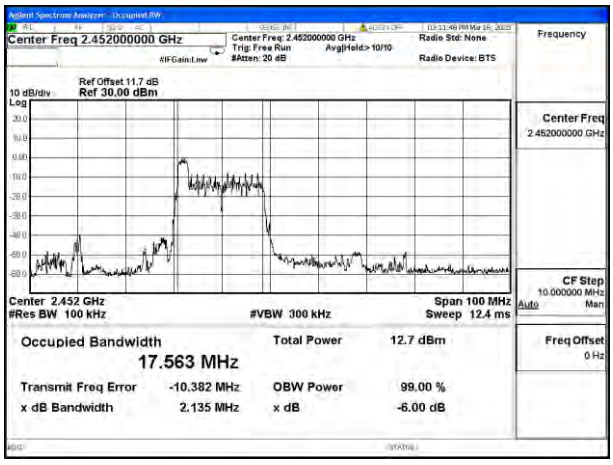
Mode:802.11ax HE40 Tone:26T Frequency:2422MHz

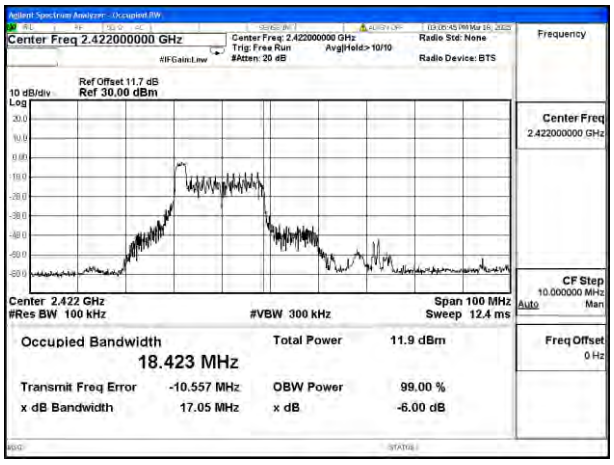
Ant:Chain0

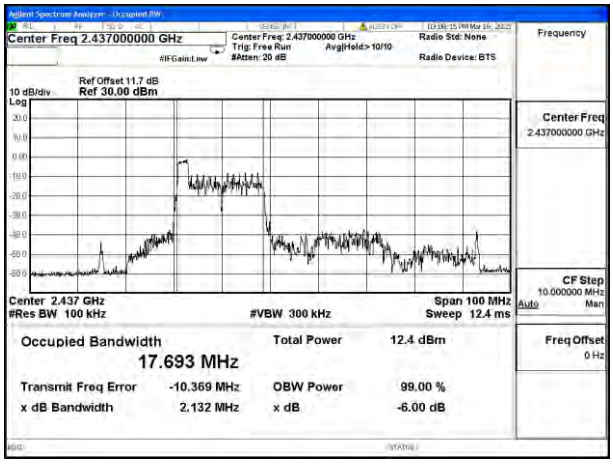
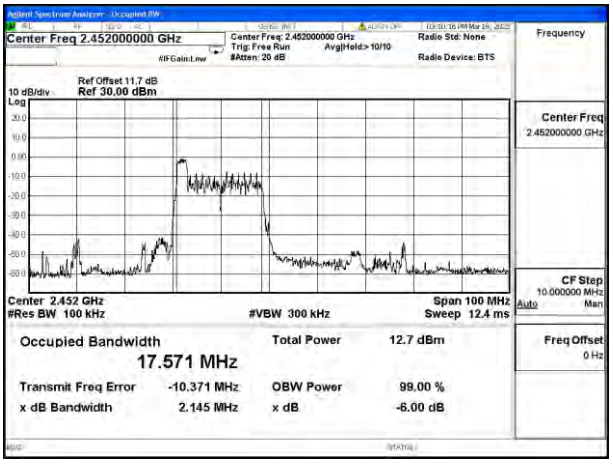


Mode:802.11ax HE40 Tone:26T Frequency:2437MHz

Ant:Chain0





Mode:802.11ax HE40 Tone:26T Frequency:2452MHz Ant:Chain0	Mode:802.11ax HE40 Tone:26T Frequency:2422MHz Ant:Chain1
	
Mode:802.11ax HE40 Tone:26T Frequency:2437MHz Ant:Chain1	Mode:802.11ax HE40 Tone:26T Frequency:2452MHz Ant:Chain1

OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

Test Mode	Antenna	99% bandwidth (MHz)		
		Channel No.1	Channel No.6	Channel No.11
		2412MHz	2437MHz	2462MHz
802.11b	Chain0	12.869	12.818	12.885
802.11b	Chain1	12.882	12.870	12.878
802.11g	Chain0	16.499	16.767	16.710
802.11g	Chain1	16.406	16.699	16.902
802.11n HT20	Chain0	17.651	18.074	18.152
802.11n HT20	Chain1	17.684	18.005	18.056
802.11ax HE20	Chain0	18.736	19.070	18.827
802.11ax HE20	Chain1	18.941	18.785	19.041

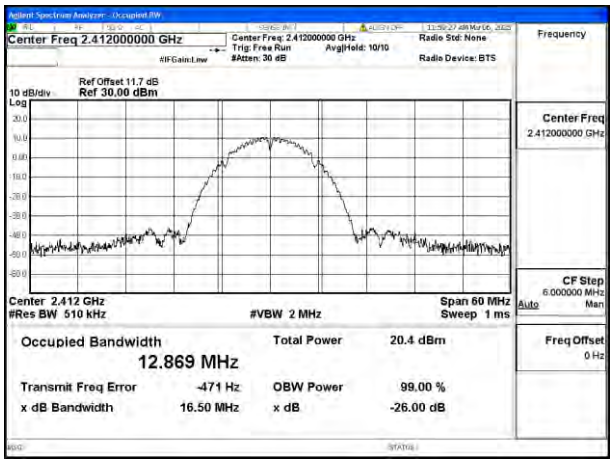
Test Mode	Antenna	99% bandwidth (MHz)		
		Channel No.3	Channel No.6	Channel No.9
		2422MHz	2437MHz	2452MHz
802.11n HT40	Chain0	36.088	35.903	35.910
802.11n HT40	Chain1	35.922	36.050	35.903
802.11ax HE40	Chain0	37.605	37.605	37.501
802.11ax HE40	Chain1	37.501	37.561	37.794

Test Mode	Tones/ RU Index	Antenna	99% bandwidth (MHz)		
			Channel No.1	Channel No.6	Channel No.11
			2412MHz	2437MHz	2462MHz
802.11ax HE20	26T+0	Chain0	18.382	19.207	19.078
802.11ax HE20	26T+0	Chain1	18.351	19.093	19.185

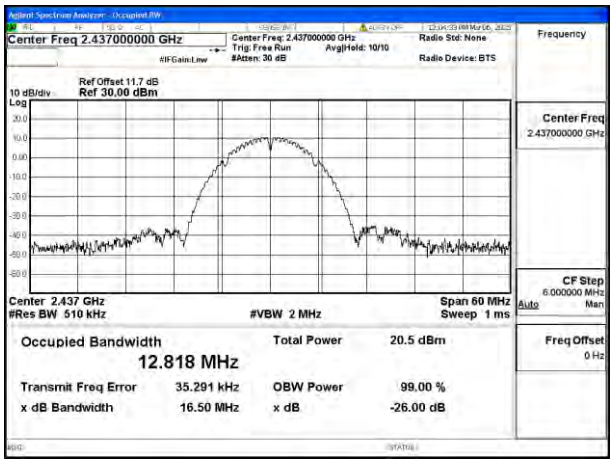
Test Mode	Tones/ RU Index	Antenna	99% bandwidth (MHz)		
			Channel No.3	Channel No.6	Channel No.9
			2422MHz	2437MHz	2452MHz
802.11ax HE40	26T+0	Chain0	19.142	17.931	17.958
802.11ax HE40	26T+0	Chain1	18.978	17.964	17.914

TEST GRAPHS

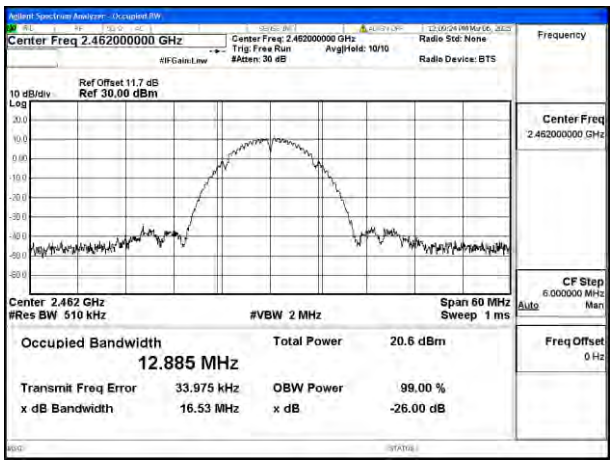
Test Mode: 802.11b



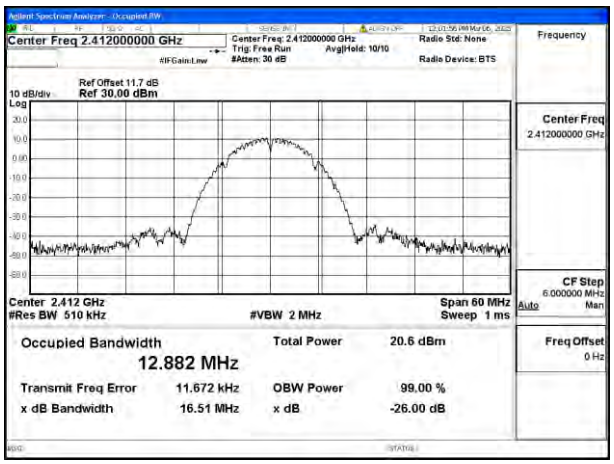
Mode:802.11b Frequency:2412MHz Ant:Chain0



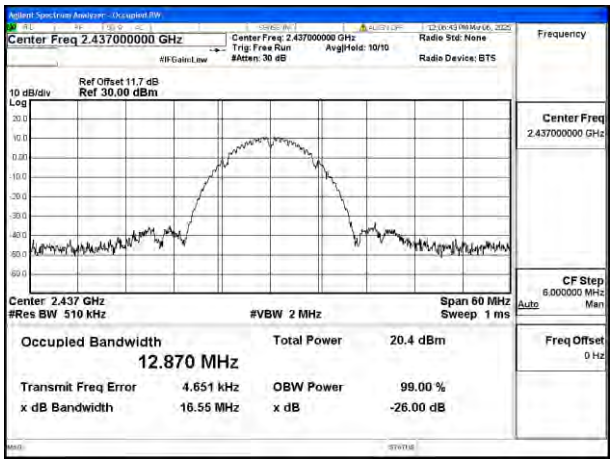
Mode:802.11b Frequency:2437MHz Ant:Chain0



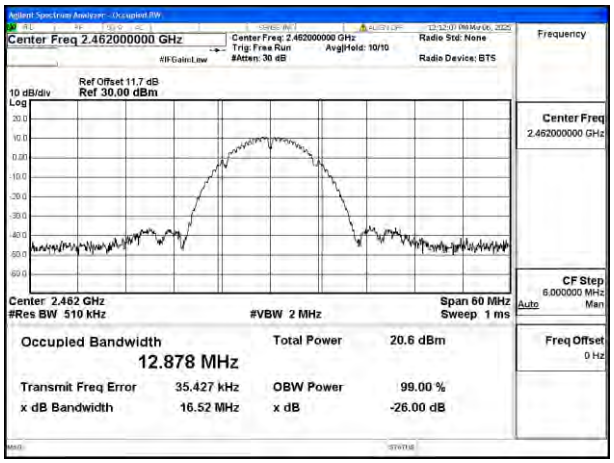
Mode:802.11b Frequency:2462MHz Ant:Chain0



Mode:802.11b Frequency:2412MHz Ant:Chain1

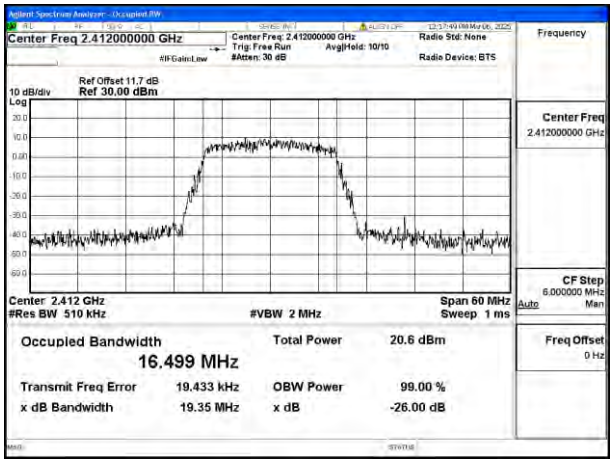


Mode:802.11b Frequency:2437MHz Ant:Chain1

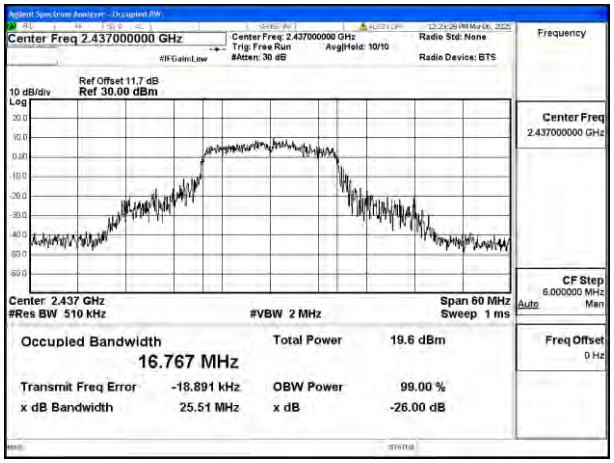


Mode:802.11b Frequency:2462MHz Ant:Chain1

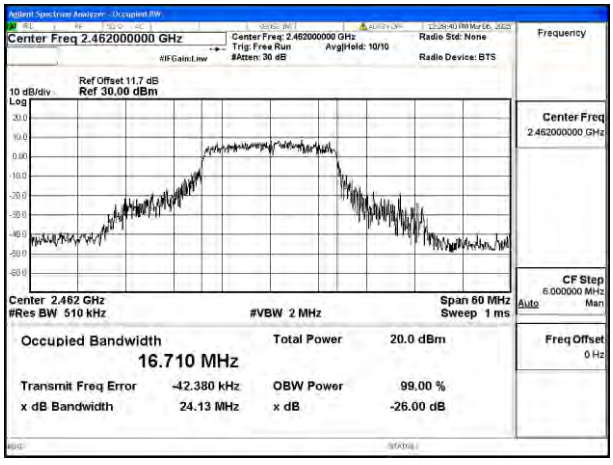
Test Mode: 802.11g



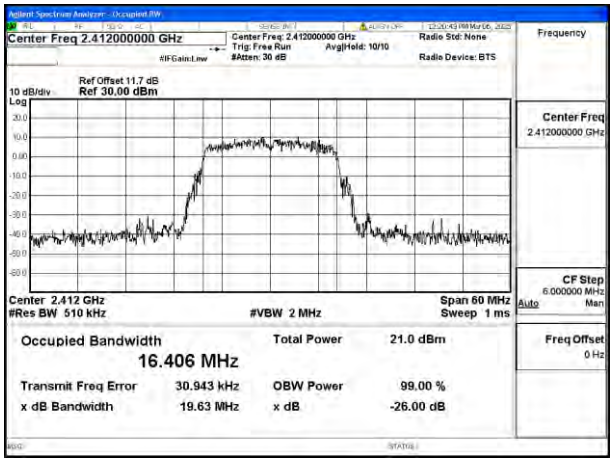
Mode:802.11g Frequency:2412MHz Ant:Chain0



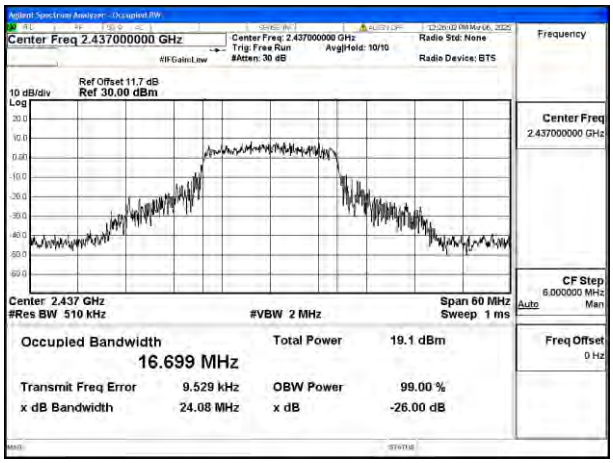
Mode:802.11g Frequency:2437MHz Ant:Chain0



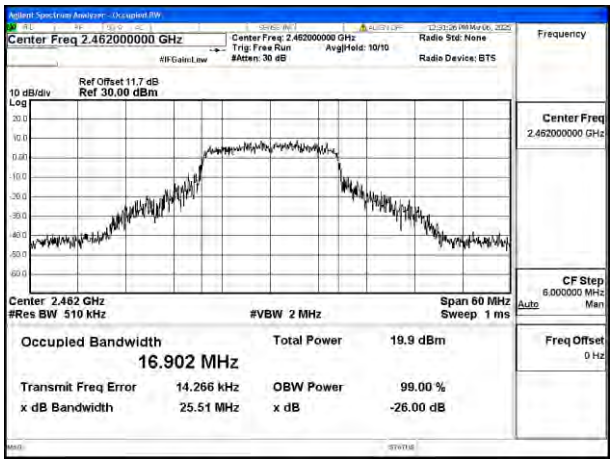
Mode:802.11g Frequency:2462MHz Ant:Chain0



Mode:802.11g Frequency:2412MHz Ant:Chain1

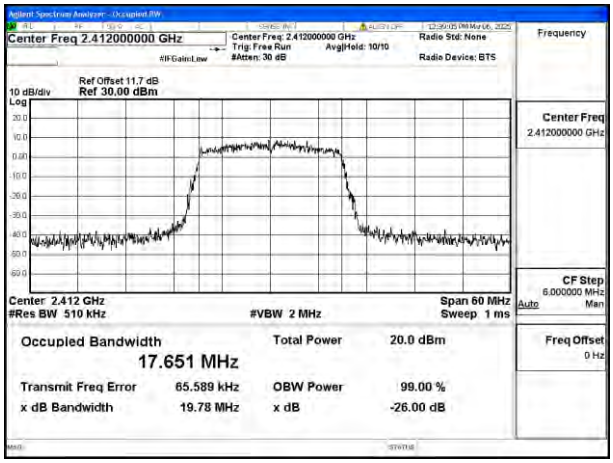


Mode:802.11g Frequency:2437MHz Ant:Chain1

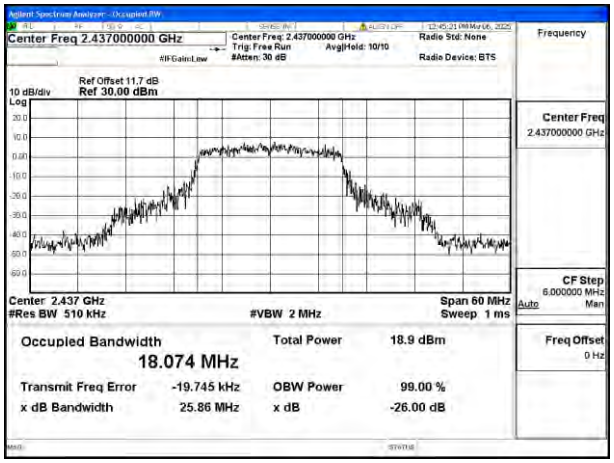


Mode:802.11g Frequency:2462MHz Ant:Chain1

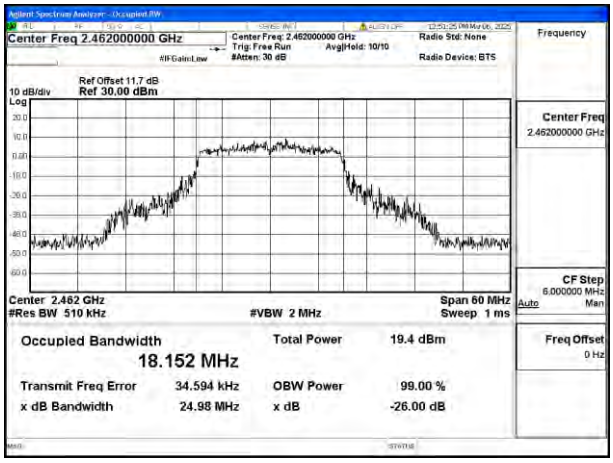
Test Mode: 802.11n HT20



Mode:802.11n HT20 Frequency:2412MHz Ant:Chain0

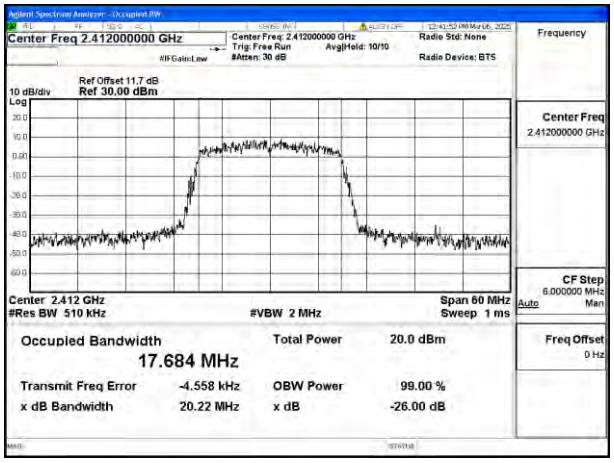


Mode:802.11n HT20 Frequency:2437MHz Ant:Chain0



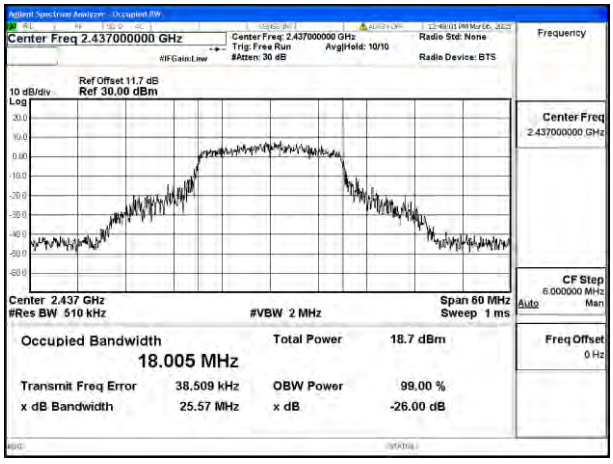
Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain0



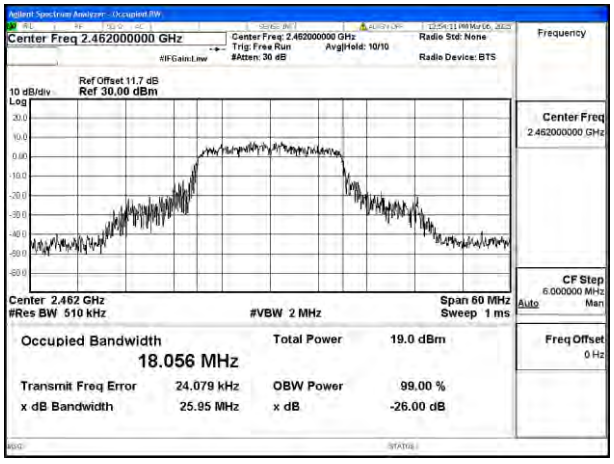
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:2437MHz

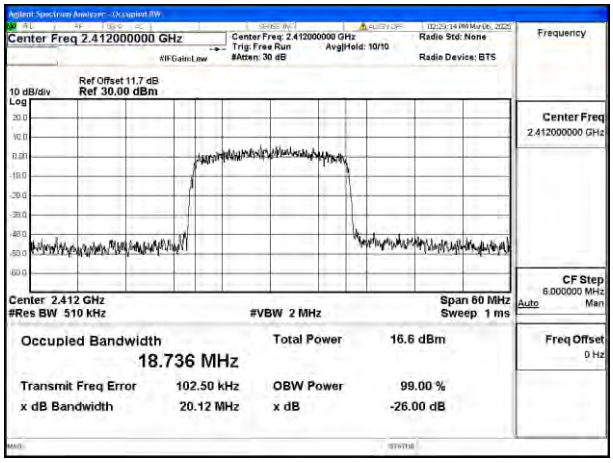
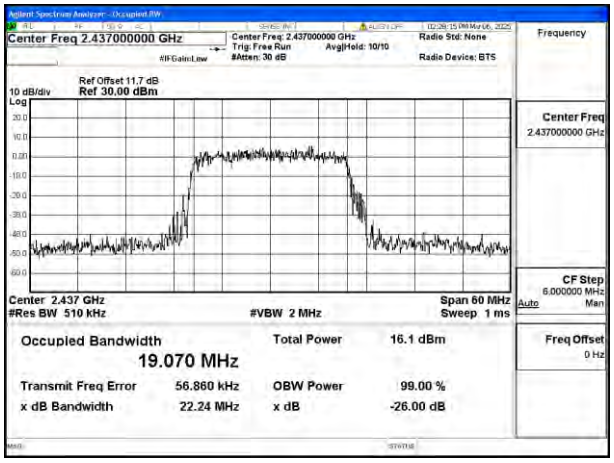
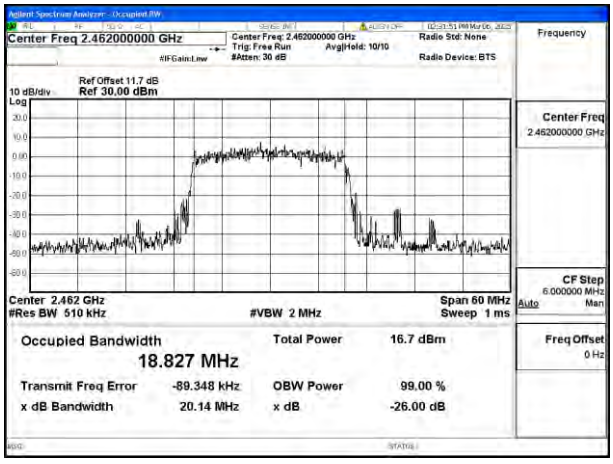
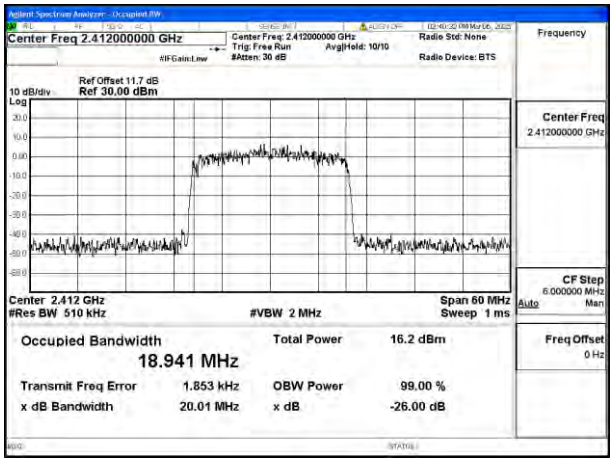
Ant:Chain1

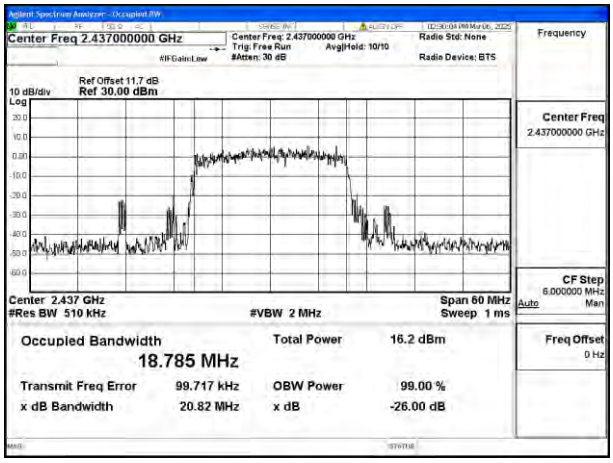


Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain1

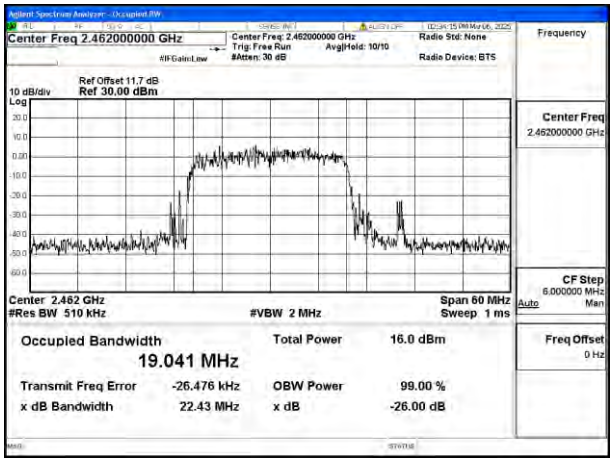
Test Mode: 802.11ax HE20

	
Mode:802.11ax HE20 Tone:242T Frequency:2412MHz Ant:Chain0	Mode:802.11ax HE20 Tone:242T Frequency:2437MHz Ant:Chain0
	
Mode:802.11ax HE20 Tone:242T Frequency:2462MHz Ant:Chain0	Mode:802.11ax HE20 Tone:242T Frequency:2412MHz Ant:Chain1



Mode:802.11ax HE20 Tone:242T

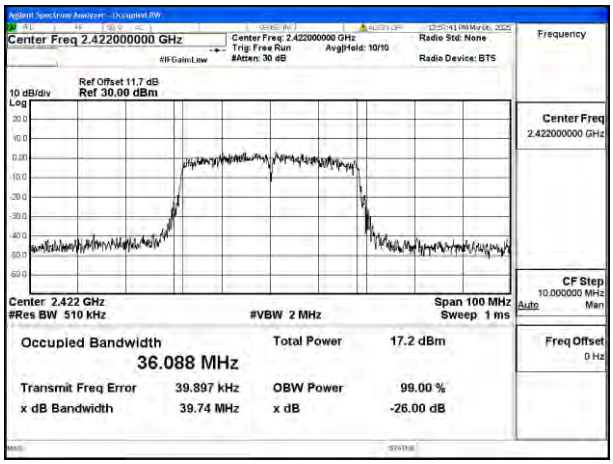
Frequency:2437MHz Ant:Chain1



Mode:802.11ax HE20 Tone:242T

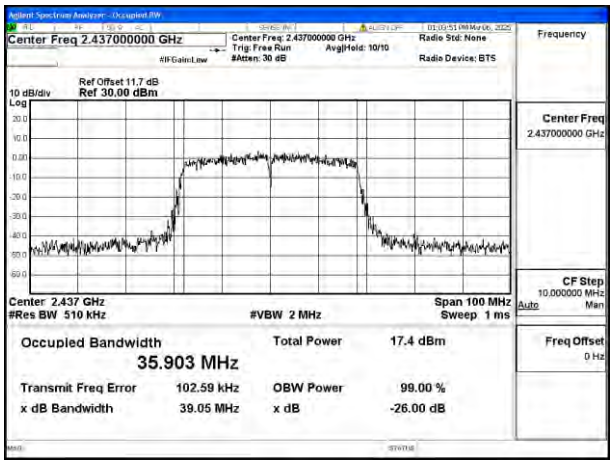
Frequency:2462MHz Ant:Chain1

Test Mode: 802.11n HT40



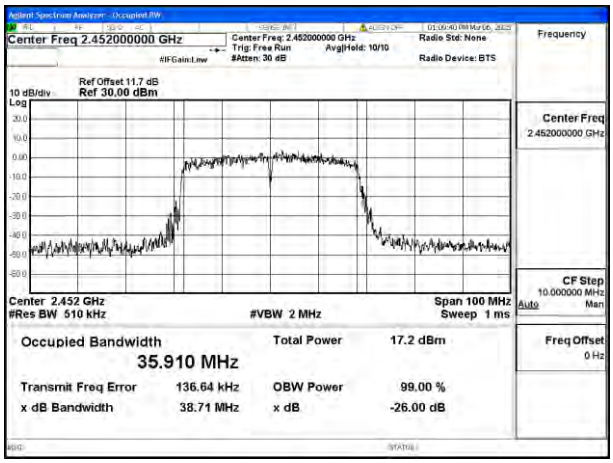
Mode:802.11n HT40 Frequency:2422MHz

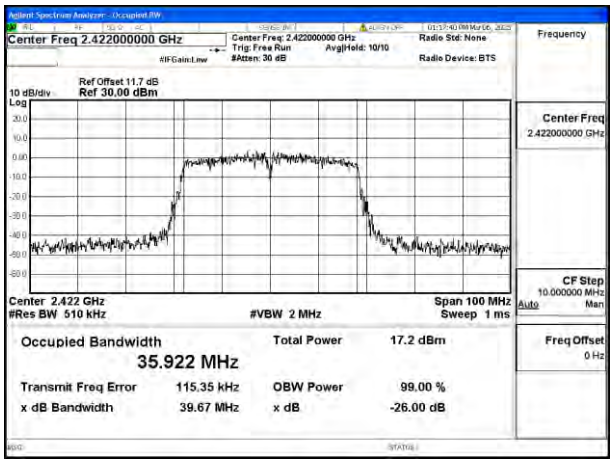
Ant:Chain0

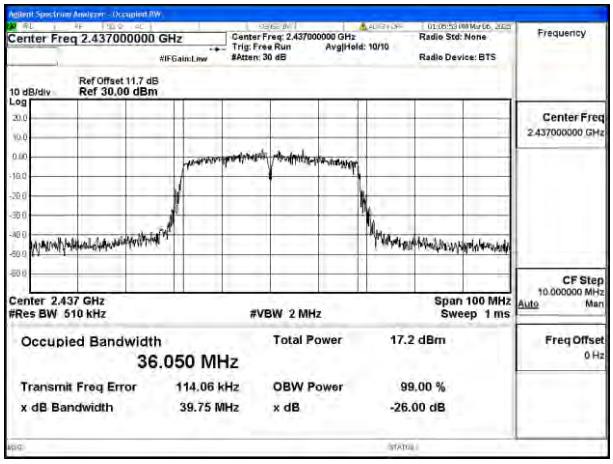
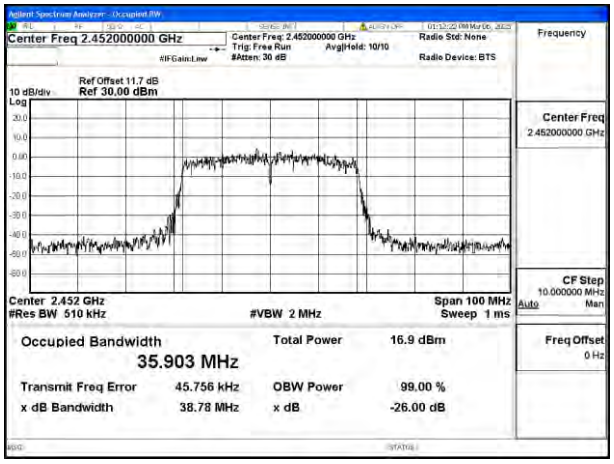


Mode:802.11n HT40 Frequency:2437MHz

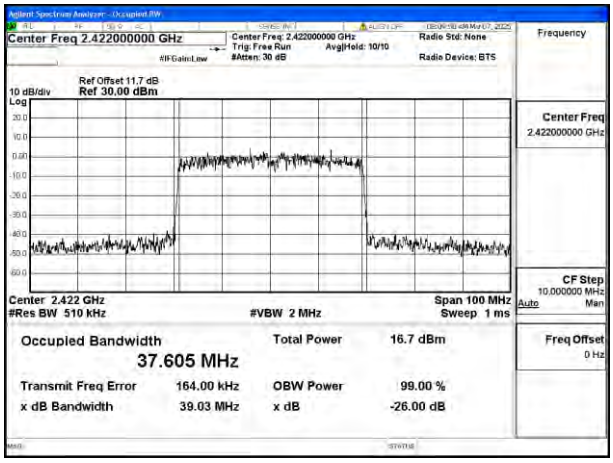
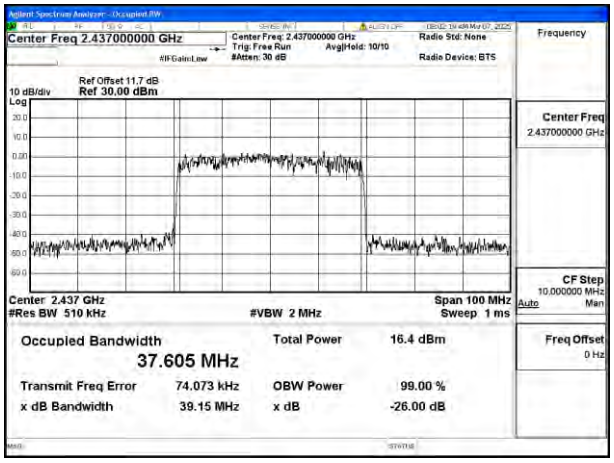
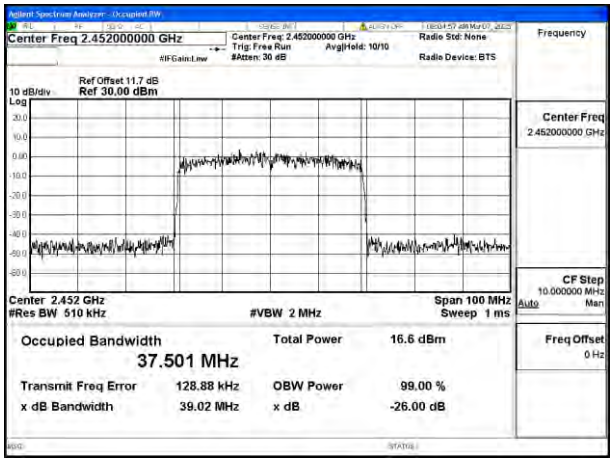
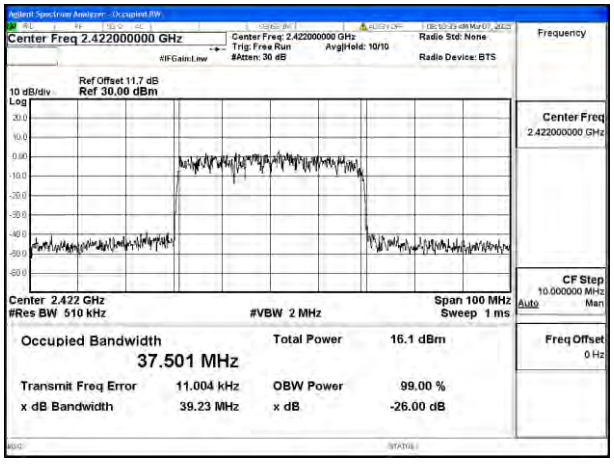
Ant:Chain0





Mode:802.11n HT40 Frequency:2452MHz Ant:Chain0	Mode:802.11n HT40 Frequency:2422MHz Ant:Chain1
	
Mode:802.11n HT40 Frequency:2437MHz Ant:Chain1	Mode:802.11n HT40 Frequency:2452MHz Ant:Chain1

Test Mode: 802.11ax HE40

	
Mode:802.11ax HE40 Tone:484T Frequency:2422MHz Ant:Chain0	Mode:802.11ax HE40 Tone:484T Frequency:2437MHz Ant:Chain0
	
Mode:802.11ax HE40 Tone:484T Frequency:2452MHz Ant:Chain0	Mode:802.11ax HE40 Tone:484T Frequency:2422MHz Ant:Chain1