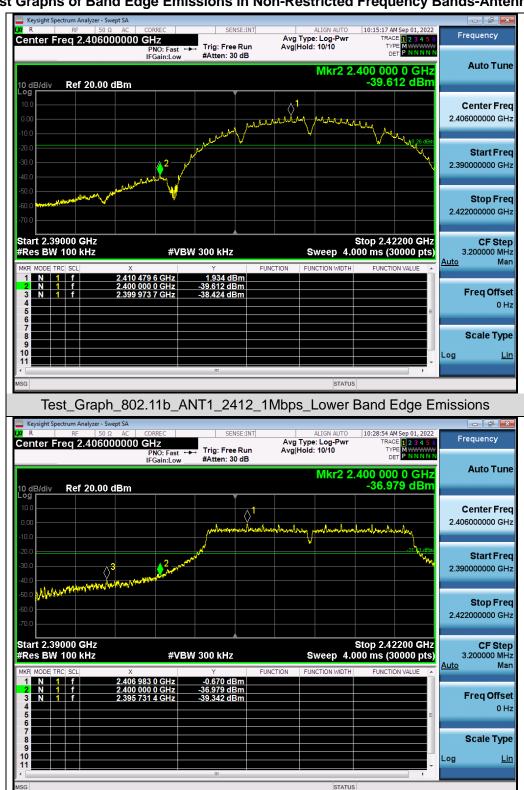




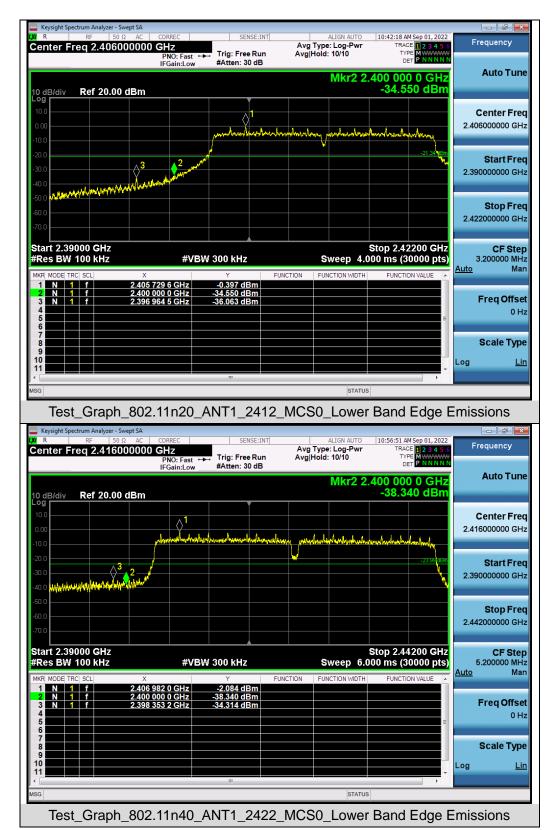
Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands-Antenna 1



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11g_ANT1_2412_6Mbps_Lower Band Edge Emissions





Note: Emissions from 2483.5-2500MHz which fall in the restricted bands had been considered with the radiated emission limits specified.

<u>Auto</u>

Log

Stop 25.00 GHz

Sweep 2.152 s (30000 pts)

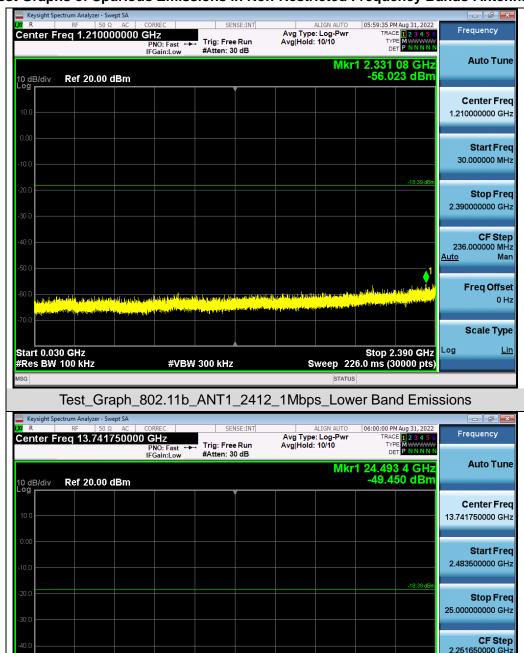
Freq Offset 0 Hz

Scale Type

<u>Lin</u>



Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands-Antenna 2



Test_Graph_802.11b_ANT1_2412_1Mbps_Higher Band Emissions

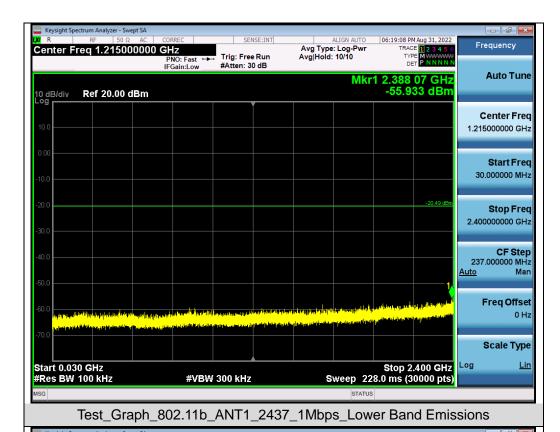
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

#VBW 300 kHz

Start 2.48 GHz

#Res BW 100 kHz







Test_Graph_802.11b_ANT1_2437_1Mbps_Higher Band Emissions

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.





06:21:22 PM Aug 31, 2022

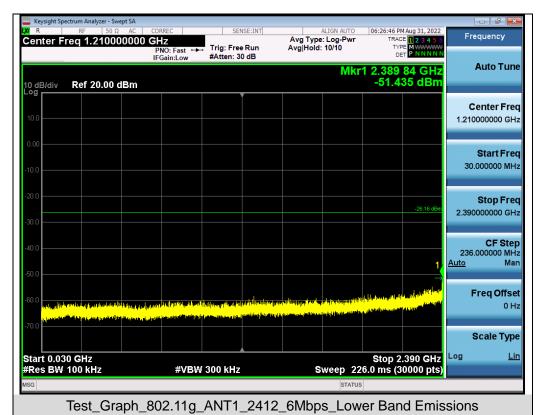
TRACE 1 2 3 4 5 6

TYPE M Center Freq 13.750000000 GHz
PNO: Fast →
IFGain:Low Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Trig: Free Run #Atten: 30 dB Mkr1 24.964 7 GHz -49.668 dBm **Auto Tune** 10 dB/div Ref 20.00 dBm Center Freq 13.750000000 GHz Start Fred 2.500000000 GHz 25.000000000 GHz **CF Step** 2.250000000 GHz <u>Auto</u> Mar Freq Offset 0 Hz Scale Type Start 2.50 GHz #Res BW 100 kHz Stop 25.00 GHz Sweep 2.152 s (30000 pts) Log #VBW 300 kHz

Test_Graph_802.11b_ANT1_2462_1Mbps_Higher Band Emissions

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.





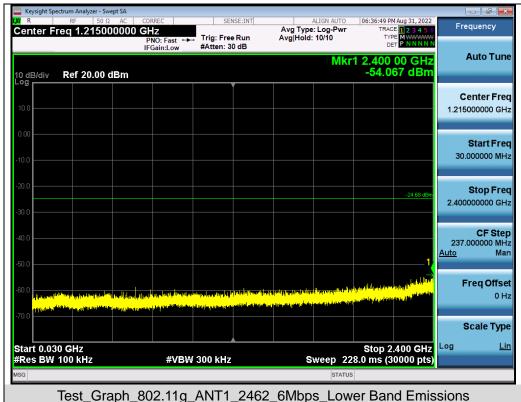






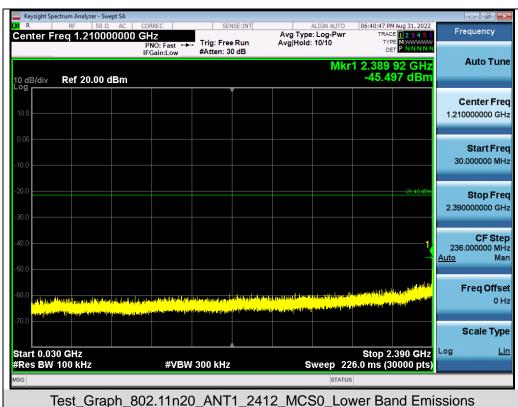






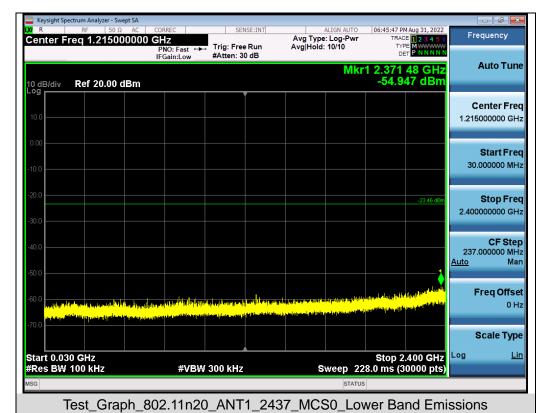






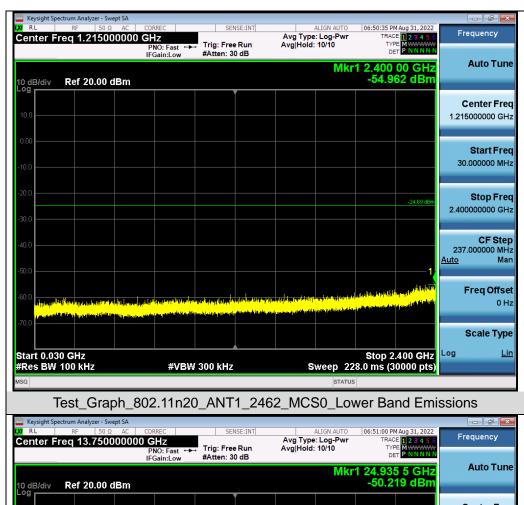






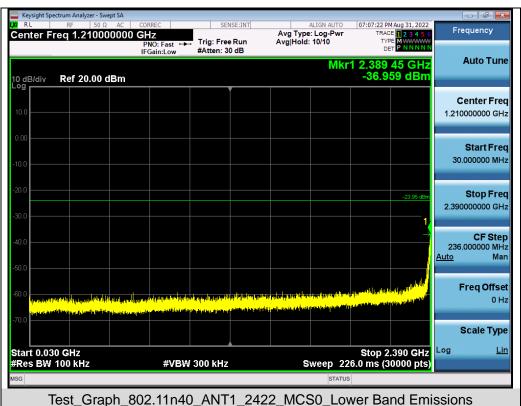






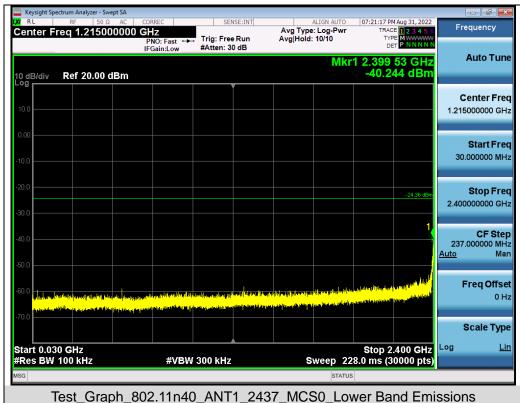






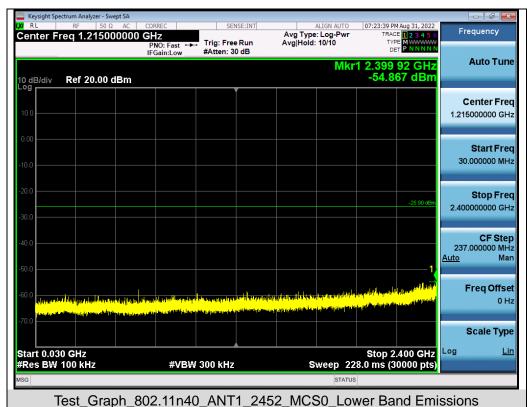




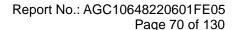














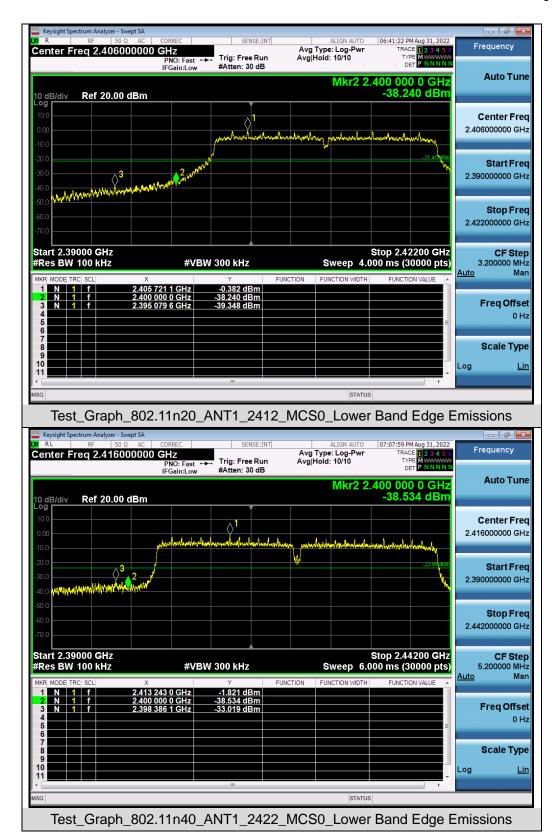
Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands-Antenna 2



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11g_ANT1_2412_6Mbps_Lower Band Edge Emissions





Note: Emissions from 2483.5-2500MHz which fall in the restricted bands had been considered with the radiated emission limits specified.



Report No.: AGC10648220601FE05 Page 72 of 130

10. MAXIMUM CONDUCTED OUTPUT POWER SPECTRAL DENSITY

10.1 MEASUREMENT PROCEDURE

- (1). Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- (2). Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- (3). Set SPA Trace 1 Max hold, then View.

Note: The method of PKPSD in the ANSI C63.10 (2013) item 11.10 was used in this testing.

10.2 TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

Refer to Section 8.2.

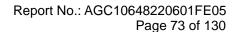
10.3 MEASUREMENT EQUIPMENT USED

Refer to Section 6.

10.4 LIMITS AND MEASUREMENT RESULT

Test Data of Conducted Output Power Spectral Density-Antenna 1							
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density Limit (dBm/3kHz) (dBm/3kH		Pass or Fail		
	2412	-2.040	-10.279	≪8	Pass		
802.11b	2437	-4.436	-12.675	≪8	Pass		
	2462	-5.940	-14.179	≪8	Pass		
	2412	-5.932	-14.171	≪8	Pass		
802.11g	2437	-7.919	-16.158	≪8	Pass		
	2462	-9.550	-17.789	≪8	Pass		
	2412	-7.301	-15.540	≪8	Pass		
802.11n20	2437	-7.671	-15.910	≪8	Pass		
	2462	-9.740	-17.979	≪8	Pass		
	2422	-8.754	-16.993	≪8	Pass		
802.11n40	2437	-9.762	-18.001	≪8	Pass		
	2452	-10.566	-18.805	≪8	Pass		

Note: Power density(dBm/3kHz) = Power density(dBm/20kHz) - 10*log(20/3).





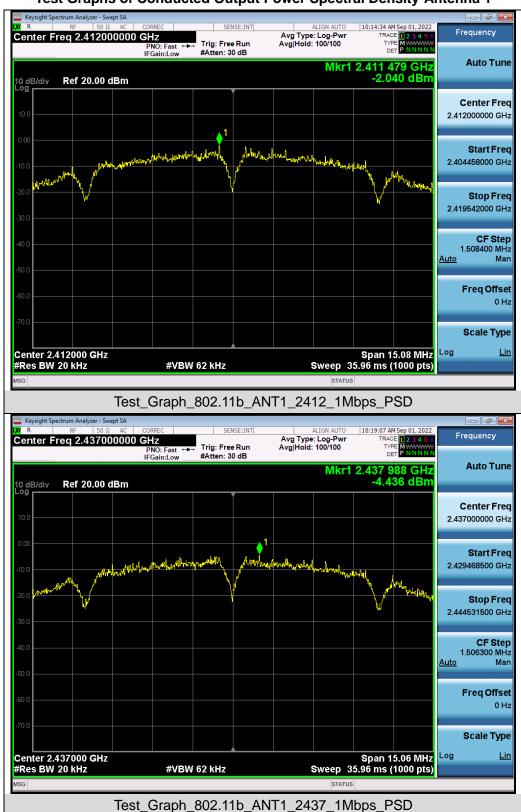
Test Data of Conducted Output Power Spectral Density-Antenna 2							
Test Mode Test Channel (MHz)		Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail		
	2412	-2.429	-10.668	≪8	Pass		
802.11b	2437	-5.087	-13.326	≪8	Pass		
	2462	-7.035	-15.274	≪8	Pass		
	2412	-6.178	-14.417	≪8	Pass		
802.11g	2437	-8.091	-16.33	≪8	Pass		
	2462	-10.064	-18.303	≪8	Pass		
	2412	-6.717	-14.956	≪8	Pass		
802.11n20	2437	-8.457	-16.696	≪8	Pass		
	2462	-10.032	-18.271	≪8	Pass		
	2422	-8.847	-17.086	≪8	Pass		
802.11n40	2437	-9.381	-17.620	≪8	Pass		
	2452	-10.762	-19.001	≪8	Pass		

Note: Power density(dBm/3kHz) = Power density(dBm/20kHz) - 10*log(20/3).

Test Data of Conducted Output Power Spectral Density-Antenna 1+2							
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail		
	2412	-3.989	-12.228	≤6.04	Pass		
802.11n20	2437	-5.036	-13.275	≤6.04	Pass		
	2462	-6.873	-15.112	≤6.04	Pass		
	2422	-5.790	-14.029	≤6.04	Pass		
802.11n40	2437	-6.557	-14.796	≤6.04	Pass		
	2452	-7.653	-15.892	≤6.04	Pass		



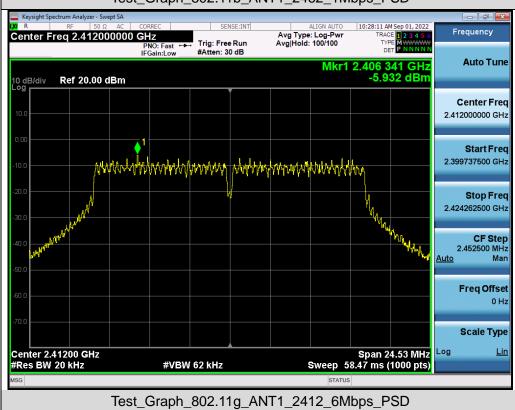
Test Graphs of Conducted Output Power Spectral Density-Antenna 1



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.







CF Step 2.457450 MHz

Freq Offset 0 Hz

Scale Type

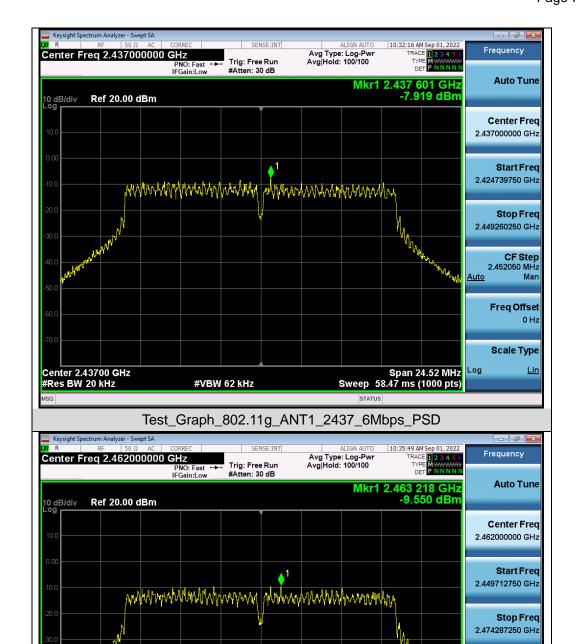
Mar

<u>Auto</u>

Log

Span 24.57 MHz Sweep 58.61 ms (1000 pts)





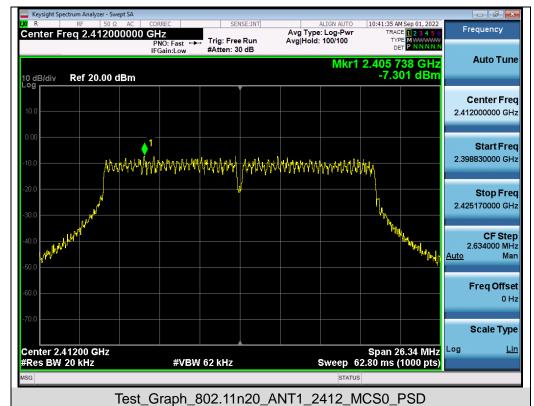
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

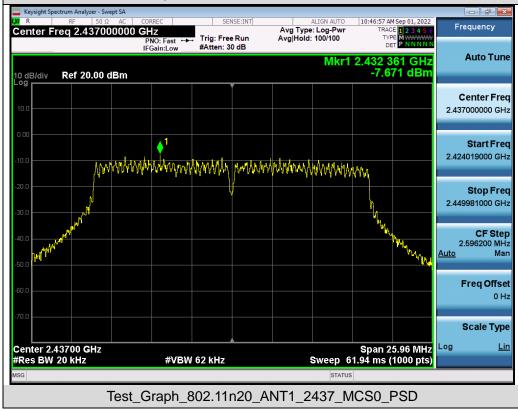
Test_Graph_802.11g_ANT1_2462_6Mbps_PSD

#VBW 62 kHz

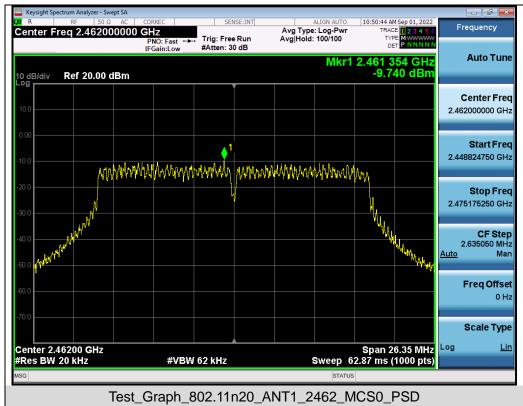
Center 2.46200 GHz #Res BW 20 kHz

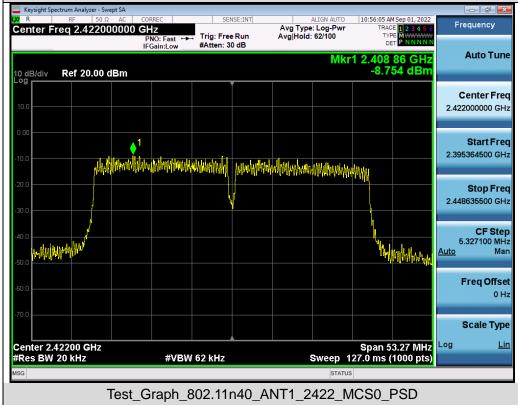












Stop Freq 2.478961750 GHz

CF Step 5.392350 MHz

Freq Offset 0 Hz

Scale Type

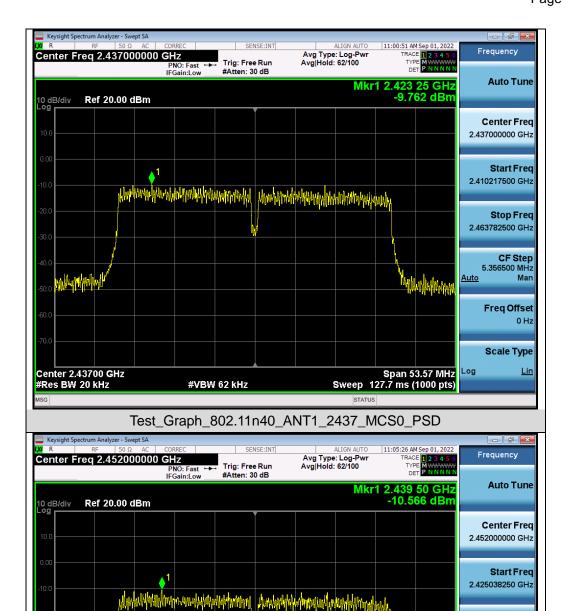
Mar

<u>Auto</u>

Log

Span 53.92 MHz Sweep 128.5 ms (1000 pts)





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

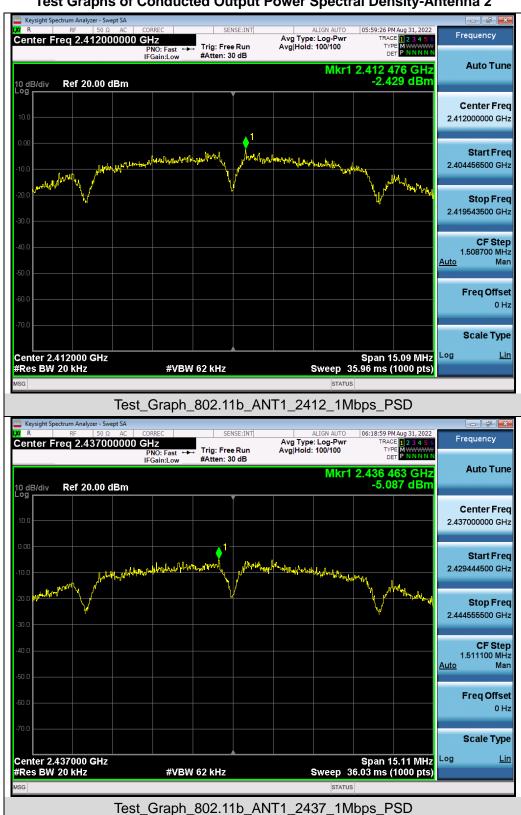
Test_Graph_802.11n40_ANT1_2452_MCS0_PSD

#VBW 62 kHz

Center 2.45200 GHz #Res BW 20 kHz



Test Graphs of Conducted Output Power Spectral Density-Antenna 2



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

CF Step 2.454000 MHz

Freq Offset 0 Hz

Scale Type

Mar

<u>Auto</u>

Log

Span 24.54 MHz Sweep 58.54 ms (1000 pts)





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11g_ANT1_2412_6Mbps_PSD

#VBW 62 kHz

Center 2.41200 GHz #Res BW 20 kHz

2.454300 MHz

Freq Offset 0 Hz

Scale Type

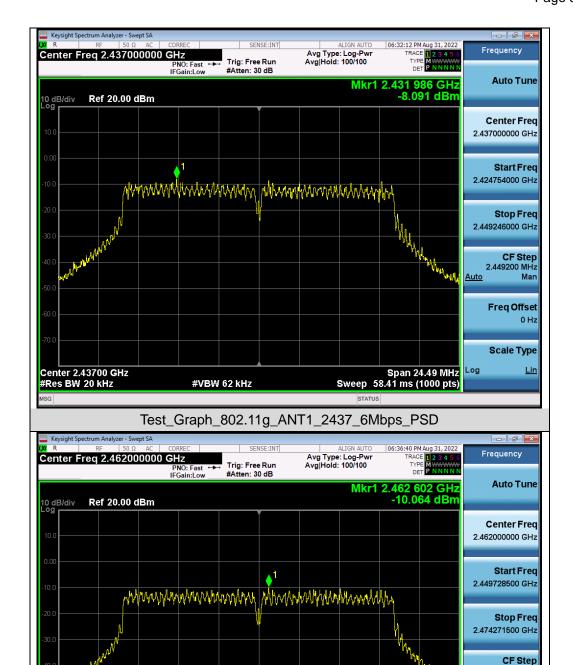
Mar

<u>Auto</u>

Log

Span 24.54 MHz Sweep 58.54 ms (1000 pts)





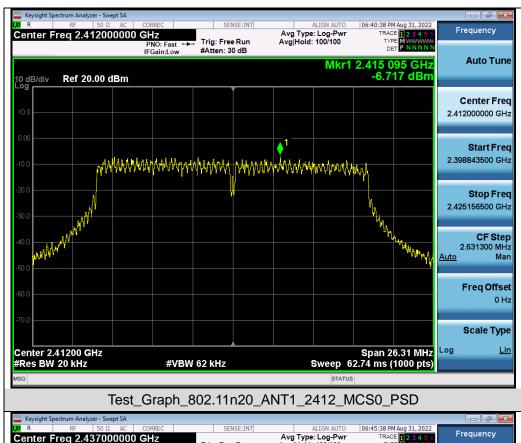
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

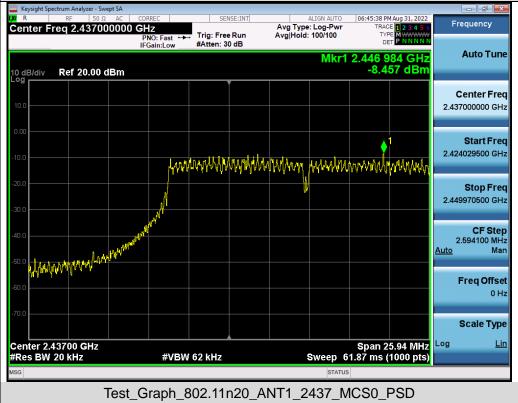
Test_Graph_802.11g_ANT1_2462_6Mbps_PSD

#VBW 62 kHz

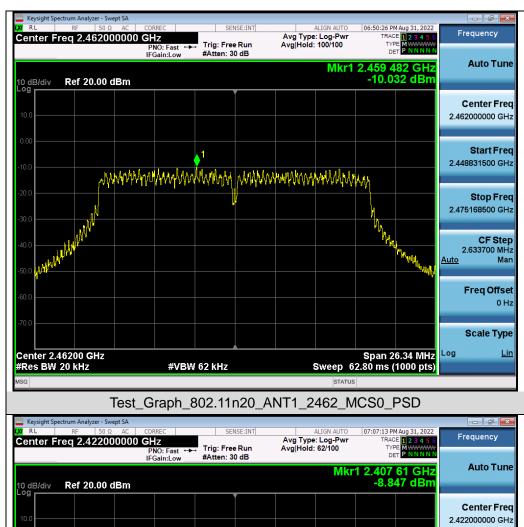
Center 2.46200 GHz #Res BW 20 kHz











Start Fred 2.395222750 GHz Stop Freq 2.448777250 GHz **CF Step** 5.355450 MHz <u>Auto</u> Mar Freq Offset 0 Hz **Scale Type** Center 2.42200 GHz #Res BW 20 kHz Span 53.55 MHz Sweep 127.7 ms (1000 pts) Log #VBW 62 kHz Test_Graph_802.11n40_ANT1_2422_MCS0_PSD

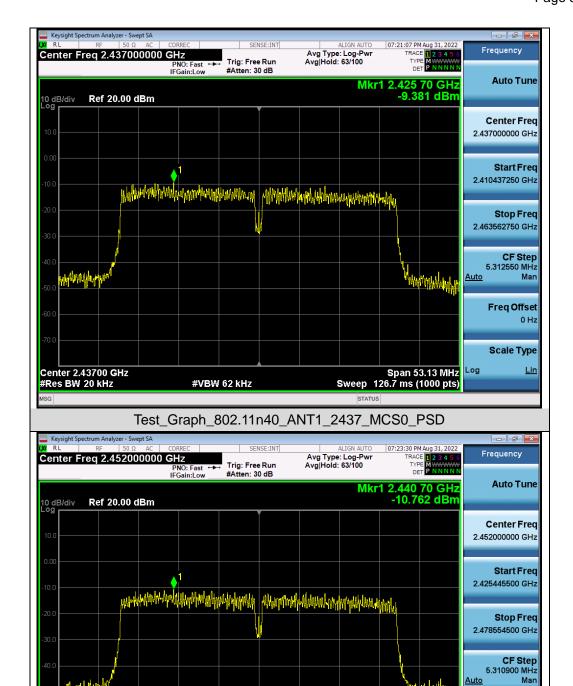
Freq Offset 0 Hz

Scale Type

Log

Span 53.11 MHz Sweep 126.6 ms (1000 pts)





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11n40_ANT1_2452_MCS0_PSD

#VBW 62 kHz

Center 2.45200 GHz #Res BW 20 kHz



Report No.: AGC10648220601FE05 Page 86 of 130

11. RADIATED EMISSION

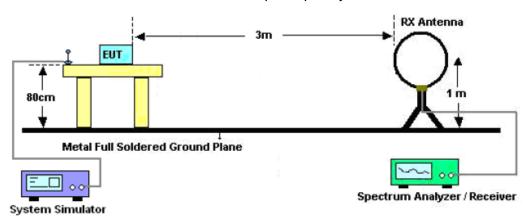
11.1. MEASUREMENT PROCEDURE

- 1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

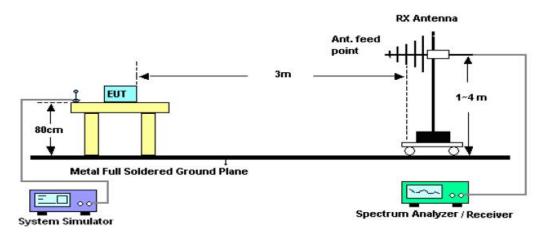


11.2. TEST SETUP

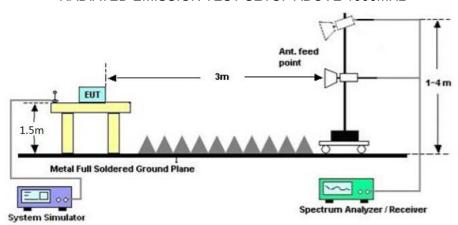
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz





Report No.: AGC10648220601FE05

Page 88 of 130

11.3. LIMITS AND MEASUREMENT RESULT

15.209(a) Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note: All modes were tested for restricted band radiated emission.

the test records reported below are the worst result compared to other modes.

11.4. TEST RESULT

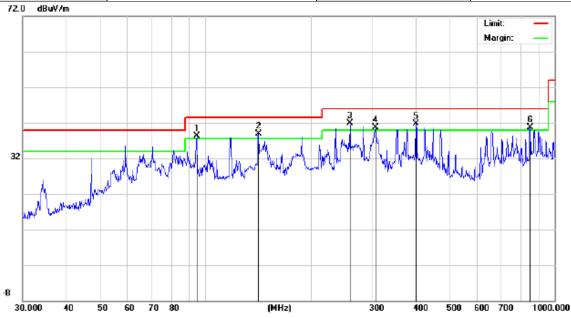
Radiated emission below 30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.



Radiated emission from 30MHz to 1000MHz

EUT	NVR Model Name		NVR-1008M-b	
Temperature	22°C	Relative Humidity	54%	
Pressure	960hPa	Test Voltage	Normal Voltage	
Test Mode	802.11b with date rate 1 2412MHz	Antenna	Horizontal	

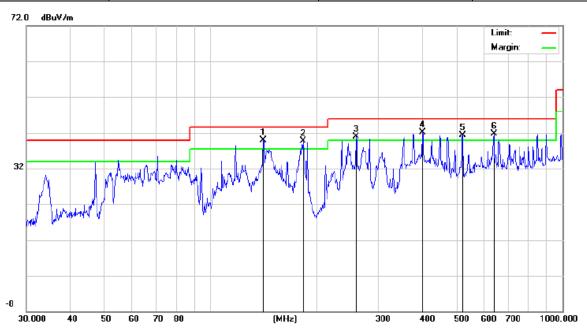


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB	dBuV/m	dB/m	dB	Detector
1	İ	94.4283	23.37	14.84	38.21	43.50	-5.29	peak
2	İ	141.8262	21.48	17.51	38.99	43.50	-4.51	peak
3	*	259.2337	25.53	16.32	41.85	46.00	-4.15	peak
4	İ	306.7536	20.22	20.46	40.68	46.00	-5.32	peak
5	İ	400.4318	21.05	20.68	41.73	46.00	-4.27	peak
6	İ	851.0353	14.43	26.18	40.61	46.00	-5.39	peak

RESULT: PASS



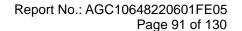
EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2412MHz	Antenna	Vertical



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB	dBuV/m	dB/m	dB	Detector
1	*	141.3298	21.86	18.09	39.95	43.50	-3.55	peak
2	İ	183.2005	23.32	16.48	39.80	43.50	-3.70	peak
3	İ	259.2337	22.58	18.32	40.90	46.00	-5.10	peak
4	İ	400.4318	23.16	18.99	42.15	46.00	-3.85	peak
5	İ	520.8881	18.78	22.61	41.39	46.00	-4.61	peak
6	İ	638.3686	16.62	25.03	41.65	46.00	-4.35	peak

Note: 1. Factor=Antenna Factor + Cable loss, Over=Measurement-Limit.

- 2. The "Factor" value can be calculated automatically by software of measurement system.
- 3. All test modes had been pre-tested. The antenna 1 of 802.11b at low channel is the worst case and recorded in the report.





Radiated emission above 1GHz

EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2412MHz	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4824.000	54.63	0.08	54.71	74	-19.29	peak
4824.000	45.15	0.08	45.23	54	-8.77	AVG
7236.000	49.33	2.21	51.54	74	-22.46	peak
7236.000	40.26	2.21	42.47	54	-11.53	AVG
Remark:						

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2412MHz	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4824.000	55.27	0.08	55.35	74	-18.65	peak
4824.000	45.35	0.08	45.43	54	-8.57	AVG
7236.000	51.09	2.21	53.3	74	-20.7	peak
7236.000	40.82	2.21	43.03	54	-10.97	AVG
Remark:	<u> </u>				<u> </u>	



Report No.: AGC10648220601FE05 Page 92 of 130

EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2437MHz	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4874.000	56.37	0.14	56.51	74	-17.49	peak
4874.000	45.97	0.14	46.11	54	-7.89	AVG
7311.000	51.03	2.36	53.39	74	-20.61	peak
7311.000	40.28	2.36	42.64	54	-11.36	AVG
Remark:						

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2437MHz	Antenna	Vertical

Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
55.33	0.14	55.47	74	-18.53	peak
46.18	0.14	46.32	54	-7.68	AVG
50.22	2.36	52.58	74	-21.42	peak
40.37	2.36	42.73	54	-11.27	AVG
	(dBµV) 55.33 46.18 50.22	(dBµV) (dB) 55.33 0.14 46.18 0.14 50.22 2.36	(dBμV) (dB) (dBμV/m) 55.33 0.14 55.47 46.18 0.14 46.32 50.22 2.36 52.58	(dBμV) (dB) (dBμV/m) (dBμV/m) 55.33 0.14 55.47 74 46.18 0.14 46.32 54 50.22 2.36 52.58 74	(dBμV) (dB) (dBμV/m) (dBμV/m) (dBμV/m) 55.33 0.14 55.47 74 -18.53 46.18 0.14 46.32 54 -7.68 50.22 2.36 52.58 74 -21.42

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



Report No.: AGC10648220601FE05 Page 93 of 130

EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2462MHz	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
4924.000	54.36	0.22	54.58	74	-19.42	peak
4924.000	43.27	0.22	43.49	54	-10.51	AVG
7386.000	49.28	2.64	51.92	74	-22.08	peak
7386.000	40.05	2.64	42.69	54	-11.31	AVG
Remark:					•	•
actor = Anter	nna Factor + Cabl	e Loss – Pre-	amplifier.			

EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2462MHz	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	T value Type
4924.000	56.14	0.22	56.36	74	-17.64	peak
4924.000	45.15	0.22	45.37	54	-8.63	AVG
7386.000	51.09	2.64	53.73	74	-20.27	peak
7386.000	42.32	2.64	44.96	54	-9.04	AVG
emark:						
emark:						

RESULT: PASS

Note:

The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.

Factor = Antenna Factor + Cable loss - Amplifier gain, Margin=Level-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

All test modes had been pre-tested. The antenna 1 of 802.11b at low channel is the worst case and recorded in the report.



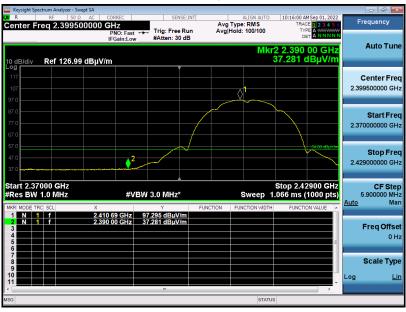
Test result for band edge emission at restricted bands-Antenna 1

EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2412MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: PASS



EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2412MHz	Antenna	Vertical

Test Graph for Peak Measurement



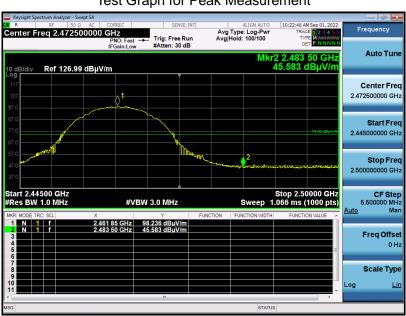
Test Graph for Average Measurement





EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHz	Antenna	Horizontal

Test Graph for Peak Measurement



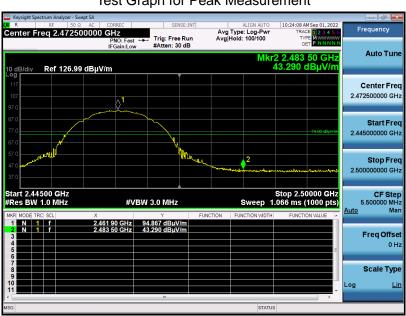
Test Graph for Average Measurement





EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement



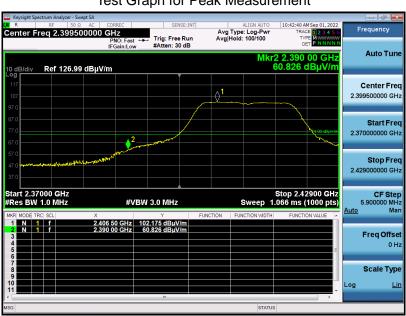
Test Graph for Average Measurement



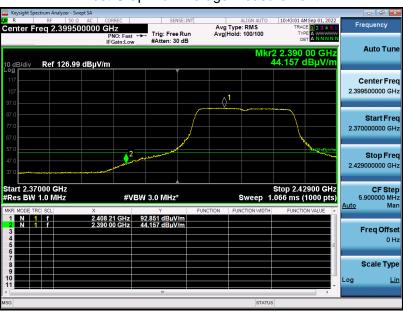


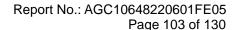
EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2412MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





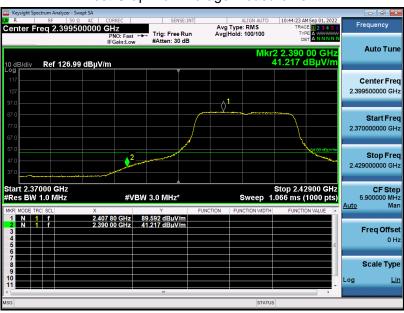


EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2412MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



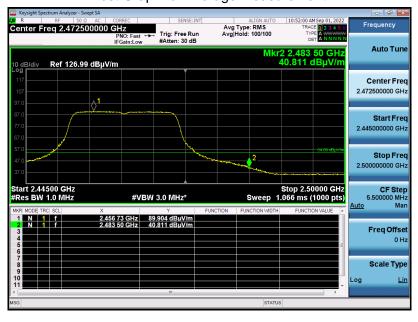


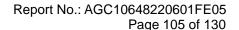
EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2462MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement







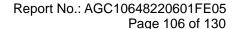
EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





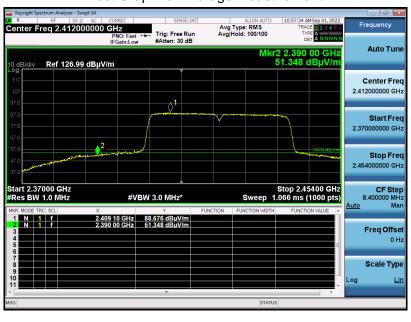


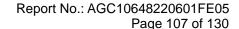
EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2422MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





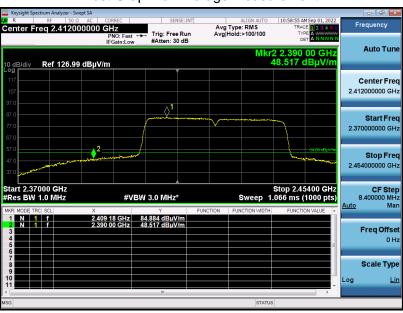


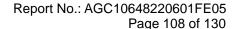
EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2422MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement







EUT	NVR	Model Name	NVR-1008M-b
Temperature	22°C	Relative Humidity	54%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2452MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

