



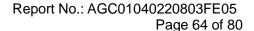
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

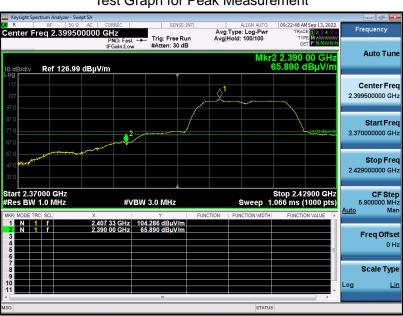






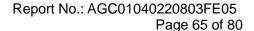
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

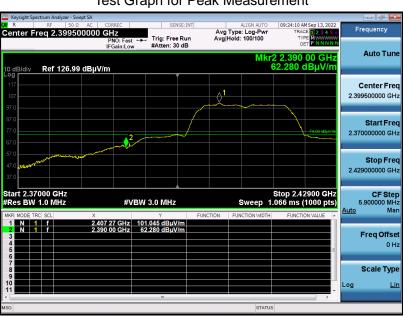






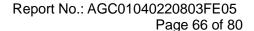
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





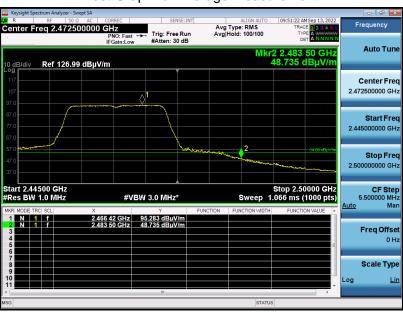


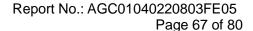
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement







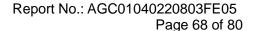
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement







EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2412MHz	Antenna	Horizontal

Test Graph for Peak Measurement

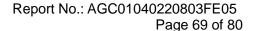


Test Graph for Average Measurement



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EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2412MHz	Antenna	Vertical

Test Graph for Peak Measurement

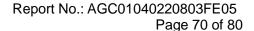


Test Graph for Average Measurement



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EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2462MHz	Antenna	Horizontal

Test Graph for Peak Measurement

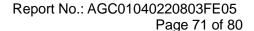


Test Graph for Average Measurement



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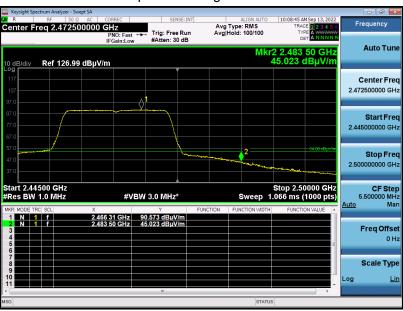


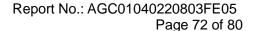
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement







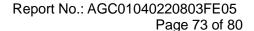
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2422MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





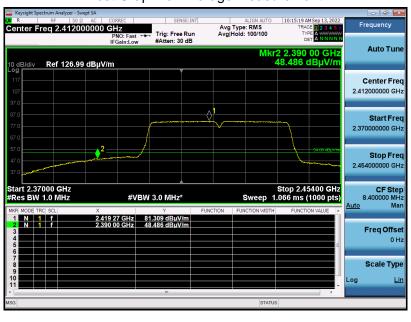


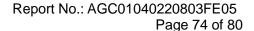
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2422MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





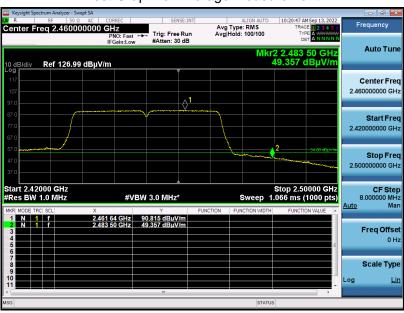


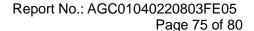
EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2452MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





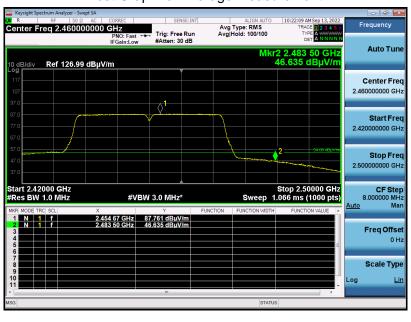


EUT	Group Training Data Hub	Model Name	RC905
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2452MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





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12. LINE CONDUCTED EMISSION TEST

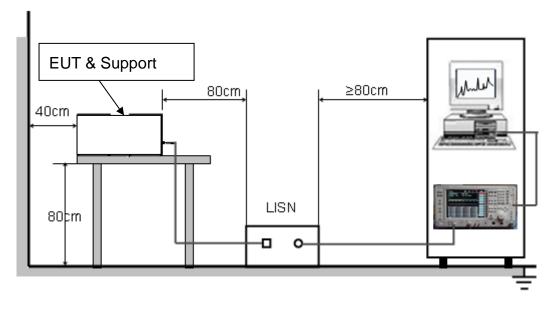
12.1. LIMITS OF LINE CONDUCTED EMISSION TEST

F	Maximum RF Line Voltage					
Frequency	Q.P (dBµV)	Average (dBμV)				
150kHz~500kHz	66-56	56-46				
500kHz~5MHz	56	46				
5MHz~30MHz	60	50				

Note:

- 1. The lower limit shall apply at the transition frequency.
- 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

12.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST





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12.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipment received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received DC 5V power from adapter which received AC120V/60Hz power from a LISN.
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 Ohm load; the second scan had Line 1 connected to a 50 Ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

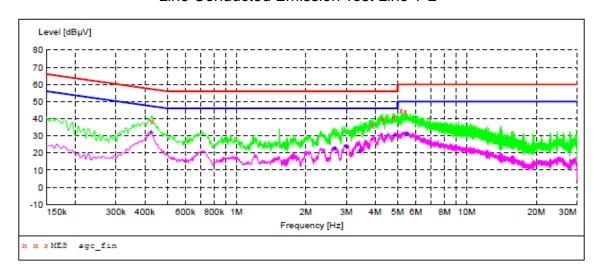
12.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- 2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less – 2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- 3. The test data of the worst case(2.4G WIFI-802.11b) was reported on the Summary Data page.



12.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc fin"

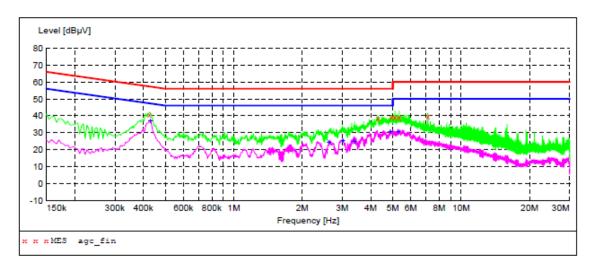
2022/8/24	23:42					
Frequenc MH	-	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.43000	0 38.50	5.6	57	18.8	QP	L1
3.88600	0 35.70	6.5	56	20.3	QP	L1
4.31800	0 40.10	6.5	56	15.9	QP	L1
4.80200	0 40.80	6.6	56	15.2	QP	L1
5.17400	0 44.60	6.6	60	15.4	QP	L1
5.40200	0 44.20	6.6	60	15.8	QP	L1

MEASUREMENT RESULT: "agc fin2"

2022/8/24	23:41					
Frequenc MH	-	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.42600	0 32.40	5.6	47	14.9	AV	L1
2.67400	0 22.70	6.5	46	23.3	AV	L1
2.98200	0 23.70	6.5	46	22.3	AV	L1
3.41400	0 21.40	6.5	46	24.6	AV	L1
4.85000	00 30.30	6.6	46	15.7	AV	L1
5.45000	00 30.90	6.6	50	19.1	AV	L1



Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/8/24	23:38						
Freque:	-	evel Tr dBµV	ansd 1 dB	Limit 1 dBµV	Margin dB	Detector	Line
0.426	000 4	0.60	5.6	57	16.7	QP	N
4.314	000 3	8.40	6.5	56	17.6	QP	N
4.942	000 3	9.10	6.6	56	16.9	QP	N
5.110	000 3	8.90	6.6	60	21.1	QP	N
5.338	000 3	9.20	6.6	60	20.8	QP	N
7.130	000 3	9.90	6.7	60	20.1	QP	N

MEASUREMENT RESULT: "agc fin2"

3:37					
Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
37.00	5.6	47	10.3	AV	N
24.10	6.5	46	21.9	AV	N
25.20	6.5	46	20.8	AV	N
24.80	6.5	46	21.2	AV	N
30.60	6.6	46	15.4	AV	N
30.40	6.6	50	19.6	AV	N
	Level dBµV 37.00 24.10 25.20 24.80 30.60	Level Transd dB	Level Transd Limit dBµV dB dBµV 37.00 5.6 47 24.10 6.5 46 25.20 6.5 46 24.80 6.5 46 30.60 6.6 46	Level Transd Limit Margin dBμV dB dBμV dB 37.00 5.6 47 10.3 24.10 6.5 46 21.9 25.20 6.5 46 20.8 24.80 6.5 46 21.2 30.60 6.6 46 15.4	Level Transd Limit Margin Detector dBμV dB dBμV dB dB dBμV dB dB dBμV dB dB dBμV dB dB dB dBμV dB dB dB dBμV dB

RESULT: PASS

All test modes had been pre-tested. The mode 1 is the worst case and recorded in the report.



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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Refer to the Report No.: AGC01040220803AP01

APPENDIX B: PHOTOGRAPHS OF EUT

Refer to the Report No.: AGC01040220803AP02

----END OF REPORT----



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