



FCC Radio Test Report FCC ID: 2ANC3PHYCF001

Project No. : 1905T139

Equipment: Phyn Smart Water Assistant

Test Model : PHYCF001

Series Model : N/A

Applicant: Phyn LLC

Address : 1855 Del Amo Blvd Torrance CA United States 90501

Date of Receipt : 2019/5/31

Date of Test : 2019/5/31 ~ 2019/7/4

Issued Date : 2019/7/22 Tested by : BTL Inc.

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Report No.: BTL-FCCP-1-1905T139

Page 1 of 92 Report Version: R00





Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL shall have no liability for any declarations, inferences or generalizations drawn by the client or others from BTL issued reports.

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The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

Report No.: BTL-FCCP-1-1905T139 Page 2 of 92 Report Version: R00





CONTENTS

REPO	RT ISSUED HISTORY	5
1	CERTIFICATION	6
2	SUMMARY OF TEST RESULTS	7
2.1	TEST FACILITY	8
2.2	MEASUREMENT UNCERTAINTY	8
3	GENERAL INFORMATION	10
3.1	DESCRIPTION OF EUT	10
3.2	TEST MODES	11
3.3	PARAMETERS OF TEST SOFTWARE	12
3.4	DUTY CYCLE	13
3.5	BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	14
3.6	SUPPORT UNITS	15
4	AC POWER LINE CONDUCTED EMISSIONS TEST	16
4.1	LIMIT	16
4.2	TEST PROCEDURE	16
4.3	DEVIATION FROM TEST STANDARD	16
4.4	TEST SETUP	17
4.5	EUT OPERATING CONDITIONS	17
4.6	TEST RESULT	17
5	RADIATED EMISSIONS TEST	18
5.1	LIMIT	18
5.2	TEST PROCEDURE	19
5.3	DEVIATION FROM TEST STANDARD	19
5.4	TEST SETUP	20
5.5	EUT OPERATING CONDITIONS	21
5.6	TEST RESULT – 9 KHZ TO 30 MHZ	21
5.7	TEST RESULT – 30MHZ TO 1000 MHZ	21
5.8	TEST RESULT – ABOVE 1000 MHZ	22
6	BANDWIDTH TEST	23
6.1	LIMIT	23
6.2	TEST PROCEDURE	23
6.3	DEVIATION FROM TEST STANDARD	23
6.4	TEST SETUP	23
6.5	EUT OPERATING CONDITIONS	23
6.6	TEST RESULT	23
7	PEAK OUTPUT POWER TEST	24
7.1	LIMIT	24
7.2	TEST PROCEDURE	24
7.3	DEVIATION FROM TEST STANDARD	24
7.4	TEST SETUP	24
7.5	EUT OPERATING CONDITIONS	24

Report No.: BTL-FCCP-1-1905T139

Page 3 of 92 Report Version: R00





7.6	TES1	Γ RESULT	24
8	ANTENI	NA CONDUCTED SPURIOUS EMISSIONS TEST	25
8.1	LIMIT	Γ	25
8.2	TEST	Γ PROCEDURE	25
8.3	DEVI	ATION FROM TEST STANDARD	25
8.4	TEST	Γ SETUP	25
8.5	EUT	OPERATING CONDITIONS	25
8.6	TES1	Γ RESULT	25
9	POWER	R SPECTRAL DENSITY	26
9.1	LIMIT	Γ	26
9.2	TEST	Γ PROCEDURE	26
9.3	DEVI	ATION FROM TEST STANDARD	26
9.4	TEST	Γ SETUP	26
9.5	EUT	OPERATING CONDITIONS	26
9.6	TEST	Γ RESULT	26
10	LIST OF	MEASURING EQUIPMENTS	27
11	EUT TE	ST PHOTO	28
APPEND	OIX A	AC POWER LINE CONDUCTED EMISSIONS	32
APPEND	DIX B	RADIATED EMISSIONS - 9 KHZ TO 30 MHZ	35
APPEND	DIX C	RADIATED EMISSIONS - 30 MHZ TO 1000 MHZ	40
APPEND	DIX D	RADIATED EMISSIONS - ABOVE 1000 MHZ	43
APPEND	DIX E	BANDWIDTH	76
APPEND	OIX F	PEAK OUTPUT POWER	81
APPEND	OIX G	ANTENNA CONDUCTED SPURIOUS EMISSIONS	83
APPEND	NX H	POWER SPECTRAL DENSITY	88

Report No.: BTL-FCCP-1-1905T139





REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	2019/7/22

Report No.: BTL-FCCP-1-1905T139





CERTIFICATION

Equipment : Phyn Smart Water Assistant

Brand Name : Phvn

: PHYCF001 Test Model

Series Model : N/A

Applicant : Phyn LLC Manufacturer : Phyn LLC

Address : 1855 Del Amo Blvd Torrance CA United States 90501

: 2019/5/31 ~ 2019/7/4 Date of Test Test Sample : Engineering Sample

: FCC Part15, Subpart C (§15.247) Standard(s)

ANSI C63.10-2013

The above equipment has been tested and found in compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1905T139) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO/IEC 17025 quality assessment standard and technical standard(s).

Report No.: BTL-FCCP-1-1905T139 Page 6 of 92 Report Version: R00





2 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

FCC Part15, Subpart C (§15.247)					
FCC Clause No Description		Test Result	Judgement	Remark	
§15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass		
§15.205 §15.209 §15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	Pass		
§15.247(a)	Bandwidth	APPENDIX E	Pass		
§15.247(b)	Peak Output Power	APPENDIX F	Pass		
§15.247(d)	Antenna Conducted Spurious Emissions	APPENDIX G	Pass		
§15.247(e)	Power Spectral Density	APPENDIX H	Pass		
§15.203	Antenna Requirement		Pass		

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report.

Report No.: BTL-FCCP-1-1905T139

Page 7 of 92

Report Version: R00





2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

C03: (VCCI RN: C-20022; FCC RN: 325517; FCC DN: TW1115)

No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

CB15: (VCCI RN: R-20020; FCC RN:674415; FCC DN:TW0659; ISED Assigned Code:20088-5) No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

The reported uncertainty of measurement y ± U, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C03	CISPR	150 kHz ~ 30MHz	2.30

B. Radiated emissions below 1 GHz test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U (dB)
		30 MHz ~ 200 MHz	V	4.20
CB15	CISPR	30 MHz ~ 200 MHz	Н	3.64
(3m)		200 MHz ~ 1,000 MHz	V	4.56
		200 MHz ~ 1,000 MHz	Н	3.90

C. Radiated emissions above 1 GHz test:

Test Site	Method	Measurement Frequency Range		U (dB)
		1 GHz ~ 6 GHz	V	4.46
CB15 (3m)	CISPR	1 GHz ~ 6 GHz	Н	4.40
		6 GHz ~18 GHz	V	3.88
		6 GHz ~18 GHz	Н	4.00

Test Site	Method	Measurement Frequency Range	U (dB)
CB15	CICDD	18 GHz ~ 26.5 GHz	4.62
(1m)	CISPR	26.5 GHz ~ 40 GHz	5.12

Report No.: BTL-FCCP-1-1905T139 Report Version: R00





NOTE:

Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above. These are our U_{lab} values in CISPR 16-4-2 terminology.

Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called U_{CISPR}, as follows:

Conducted Disturbance (mains port) - 150 kHz - 30 MHz : 3.6 dB Radiated Disturbance (electric field strength on an open area test site or alternative test site) - 30 MHz - 1000 MHz : 5.2 dB

Report No.: BTL-FCCP-1-1905T139 Page 9 of 92





GENERAL INFORMATION

3.1 DESCRIPTION OF EUT

Equipment	Phyn Smart Water Assistant
Brand Name	Phyn
Test Model	PHYCF001
Series Model	N/A
Model Difference	N/A
Power Source	DC voltage supplied from AC/DC Adapter.
Power Rating	I/P: DC5V 2.4A
Products Covered	1 * AC/DC Adapter : PHYN / F8J040PHY
Operation Frequency	2412 MHz to 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 150 Mbps
Maximum Output Power	IEEE 802.11b: 20.77 dBm (0.1194 W) IEEE 802.11g: 24.63 dBm (0.2904 W) IEEE 802.11n (HT20): 24.56 dBm (0.2858 W) IEEE 802.11n (HT40): 24.12 dBm (0.2582 W)

NOTE:

(1) For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

(2) Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	08	2447		

(3) Table for Filed Antenna:

Ant.	Brand	Test Model	Antenna Type	Connector	Gain (dBi)
1	Phyn	MT7688AN	PCB	I-PEX	1.3

Report No.: BTL-FCCP-1-1905T139 Page 10 of 92





3.2 TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
1	TX B MODE CHANNEL 01/06/11
2	TX G MODE CHANNEL 01/06/11
3	TX N (HT20) MODE CHANNEL 01/06/11
4	TX N (HT40) MODE CHANNEL 03/06/09
5	Normal Operation

Following mode(s) as (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test			
Test Mode	Description		
5	Normal Operation		

Radiated emissions test for Bandedge				
Test Mode	Description			
1	TX B MODE CHANNEL 01/11			
2	TX G MODE CHANNEL 01/11			
3	TX N (HT20) MODE CHANNEL 01/11			
4	TX N (HT40) MODE CHANNEL 03/09			

Radiated emissions test for Harmonic				
Test Mode	Description			
1	TX B MODE CHANNEL 01/06/11			
2	TX G MODE CHANNEL 01/06/11			
3	TX N (HT20) MODE CHANNEL 01/06/11			
4	TX N (HT40) MODE CHANNEL 03/06/09			

Conducted test				
Test Mode	Description			
1	TX B MODE CHANNEL 01/06/11			
2	X G MODE CHANNEL 01/06/11			
3	TX N (HT20) MODE CHANNEL 01/06/11			
4	TX N (HT40) MODE CHANNEL 03/06/09			

NOTE:

- (1) The measurements are performed at the low, middle and high available channels.
- (2) For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated emission below 1 GHz test, the IEEE 802.11N (HT40) was found to be the worst case and recorded.
- (4) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.

Report No.: BTL-FCCP-1-1905T139 Page 11 of 92





3.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	QA Tool(Version 0.0.0.96)		
Frequency (MHz)	2412	2442	2462
IEEE 802.11b	1C	1C	1D
IEEE 802.11g	1F	1F	1F
IEEE 802.11n (HT20)	1F	1F	20
Frequency (MHz)	2422	2442	2452
IEEE 802.11n (HT40)	1B	1E	19

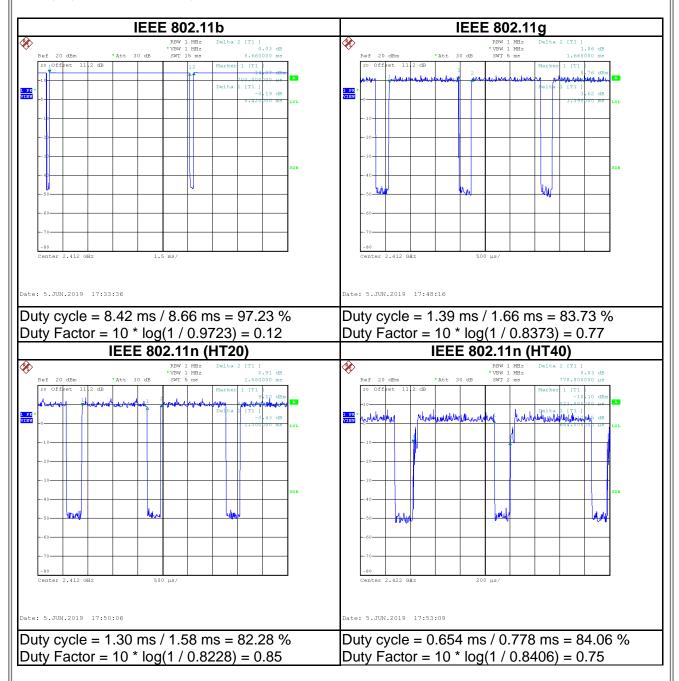
Page 12 of 92 Report Version: R00 Report No.: BTL-FCCP-1-1905T139





3.4 DUTY CYCLE

If duty cycle is \geq 98 %, duty factor is not required. If duty cycle is < 98 %, duty factor shall be considered.



NOTE:

For IEEE 802.11b, IEEE 802.11g and IEEE 802.11n (HT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).

For IEEE 802.11n (HT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).

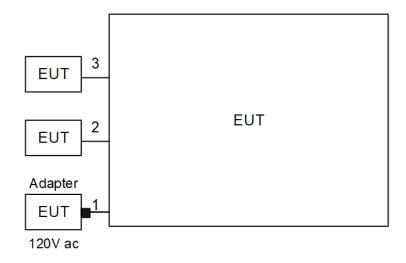
Report No.: BTL-FCCP-1-1905T139 Page 13 of 92





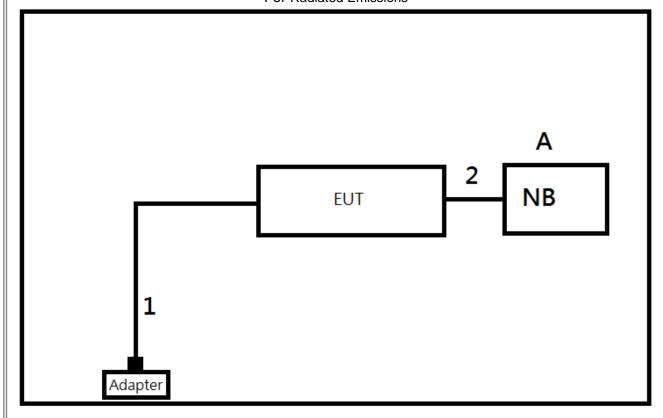
3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

For AC Power Line Conducted Emissions



(A) NoteBook

For Radiated Emissions



Ferrite core

Report No.: BTL-FCCP-1-1905T139

Page 14 of 92 Report Version: R00





3.6 SUPPORT UNITS

For AC Power Line Conducted Emissions

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
Α	Notebook PC	ASUS	X555L	DOC	EAN0CV31122642B

Item	Shielded Type	Ferrite Core	Length	Note
1	No	Yes	1.2m	Power Cable
2	No	No	1.2m	Data Cable
3	No	No	1.2m	Data Cable

For Radiated Emissions

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
Α	Notebook PC	HP	TPN-I119	N/A	N/A
В	Adapter	Apple	A1385	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	No	Yes	1.2m	Power Cable
2	No	No	1m	RJ45

Item	Equipment	Mfr/Brand	Model/Type No.	SPEC.	Note
-	Ferrite Core	KING CORE ELECTRONI CS INC.	K5B RC 13x23x7-MB	17.0±1.0mm*15.0±1.0 mm* 7.0±1.0 mm*30.0±1.0mm	N/A

Report No.: BTL-FCCP-1-1905T139 Page 15 of 92





AC POWER LINE CONDUCTED EMISSIONS TEST

4.1 LIMIT

Frequency	Class A (dBµV)		Class B	(dBµV)
(MHz)	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56 *	56 - 46 *
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

NOTE:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

(3) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)

Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

4.2 TEST PROCEDURE

- a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 - All other support equipment were powered from an additional LISN(s).
 - The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable will be terminated, using the correct terminating impedance.

The overall length shall not exceed 1 m.

- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item EUT Test Photos.

NOTE:

- (1) In the results, each reading is marked as Peak, QP or AVG per the detector used. BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

4.3 DEVIATION FROM TEST STANDARD

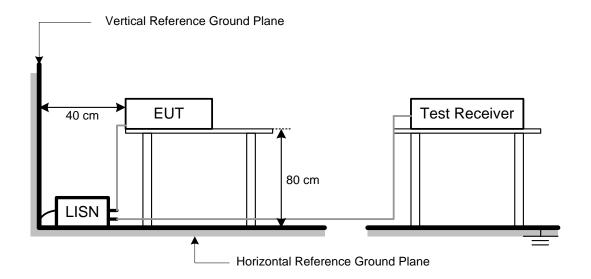
No deviation.

Report No.: BTL-FCCP-1-1905T139 Page 16 of 92 Report Version: R00





4.4 TEST SETUP



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in normal link mode.

4.6 TEST RESULT

Temperature: 25 °C Relative Humidity: 45 % Test Voltage: AC 120V/60Hz

Please refer to the APPENDIX A.

Report No.: BTL-FCCP-1-1905T139

Page 17 of 92 Report Version: R00





RADIATED EMISSIONS TEST

5.1 LIMIT

In case the emission fall within the restricted band specified on §15.205, then the §15.209 limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

Frequency (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	
960~1000	500	3	

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Radiated Emissions (dBuV/m)		Measurement Distance
(IVITZ)	Peak	Average	(meters)
Above 1000	74	54	3

NOTE:

- (1) The limit for radiated test was performed according to FCC Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following: Measurement Value = Reading Level + Correct Factor Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use) Margin Level = Measurement Value - Limit Value

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW	1MHz / 3MHz for Peak,
(Emission in restricted band)	1MHz / 1/T for Average

Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

Report No.: BTL-FCCP-1-1905T139 Report Version: R00





5.2 TEST PROCEDURE

- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. (below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. (above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- For the actual test configuration, please refer to the related Item -EUT Test Photos.

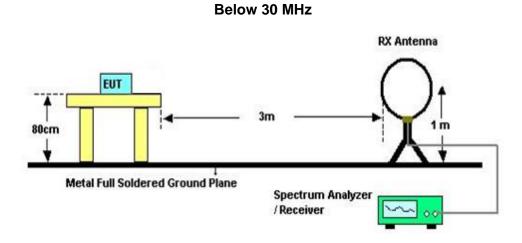
5.3 DEVIATION FROM TEST STANDARD	
No deviation.	

Report No.: BTL-FCCP-1-1905T139 Page 19 of 92 Report Version: R00

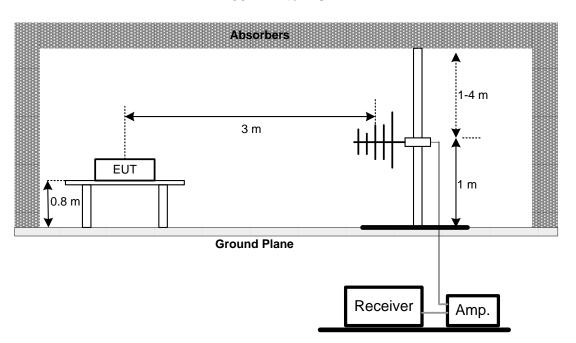




5.4 TEST SETUP



30 MHz to 1 GHz



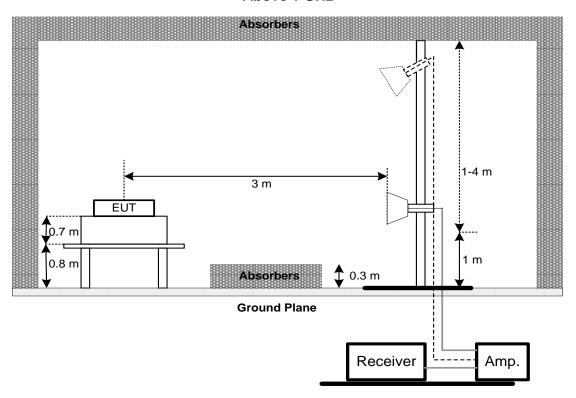
Report No.: BTL-FCCP-1-1905T139

Page 20 of 92 Report Version: R00





Above 1 GHz



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT - 9 KHZ TO 30 MHZ

Temperature: 23 °C Relative Humidity: 70 % Test Voltage: AC 120V/60Hz

Please refer to the APPENDIX B.

NOTE:

- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
- (2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

5.7 TEST RESULT - 30MHZ TO 1000 MHZ

Temperature: 21°C Relative Humidity: 65 % Test Voltage: AC 120V/60Hz

Please refer to the APPENDIX C.

Report No.: BTL-FCCP-1-1905T139





5.8 TEST RESULT - ABOVE 1000 MHZ

Temperature: 23 °C Relative Humidity: 70 % Test Voltage: AC 120V/60Hz

Please refer to the APPENDIX D.

NOTE:

(1) No limit: This is fundamental signal, the judgment is not applicable. For fundamental signal judgment was referred to Peak output test.

Report No.: BTL-FCCP-1-1905T139 Page 22 of 92

Report Version: R00





6 BANDWIDTH TEST

6.1 LIMIT

FCC Part15, Subpart C (§15.247)			
Section Test Item Limit			
§15.247(a)	500 kHz		

6.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP

EUT	SPECTRUM	
	ANALYZER	

6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

Report No.: BTL-FCCP-1-1905T139





PEAK OUTPUT POWER TEST

7.1 LIMIT

FCC Part15, Subpart C (§15.247)			
Section Test Item Limit			
§15.247(b)	1 Watt or 30dBm		

7.2 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance.

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP

EUT	Power Meter
	1 OWEL WICKE

7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

Report No.: BTL-FCCP-1-1905T139 Report Version: R00





ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits.

8.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW = 100 kHz, VBW=300 kHz, Sweep time = Auto.
- c. Offset = antenna gain + cable loss.

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP

EUT		SPECTRUM	
		ANALYZER	

8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX G.

Report No.: BTL-FCCP-1-1905T139 Page 25 of 92





9 POWER SPECTRAL DENSITY

9.1 LIMIT

FCC Part15, Subpart C (§15.247)			
Section Test Item Limit			
§15.247(e)	Power Spectral Density	8 dBm (in any 3 kHz)	

9.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW = 3 kHz, VBW = 10 kHz, Sweep time = Auto.

9.3 DEVIATION FROM TEST STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULT

Please refer to the APPENDIX H.

Report No.: BTL-FCCP-1-1905T139





10 LIST OF MEASURING EQUIPMENTS

	AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	TWO-LINE V-NETWORK	R&S	ENV216	101339	2020/2/27	
2	Test Cable	EMCI	EMCCFD300-BM -BMR-6000	170714	2019/8/7	
3	EMI Test Receiver	R&S	ESR	101854	2019/12/24	
4	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	

	Radiated Emissions							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	Preamplifier	EMCI	012645B	980267	2020/4/11			
2	Preamplifier	EMCI	EMC02325	980217	2020/4/11			
3	Preamplifier	EMCI	EMC2654045	980030	2020/4/11			
4	Test Cable	EMCI	EMC104-SM-SM- 8000	8m	2020/4/11			
5	Test Cable	EMCI	EMC104-SM-SM- 800	150207	2020/4/11			
6	Test Cable	EMCI	EEMC104-SM-S M-3000	151205	2020/4/11			
7	MXE EMI Receiver	Agilent	N9038A MY55420127		2020/3/25			
8	Signal Analyzer	Agilent	N9010A	MY52220990	2020/6/5			
9	Loop Ant	EMCO	6502	274	2020/5/30			
10	Horm Ant	SCHWARZBEC K	BBHA 9120D	9120D-1342	2020/6/9			
11	Trilog-Broadband Schwarzbeck		VULB 9168	9168-548	2020/1/20			
12	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0623	2020/1/20			
13	Preamplifier	EMCI	012645B	980267	2020/4/11			

	Bandwidth							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	Spectrum Analyzer	R&S	R&S/FSP40	101139	2019/11/29			

	Peak Output Power								
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until				
1	Power Meter	Anritsu	ML2495A	1128008	2019/12/6				
2	Power Sensor	Anritsu	MA2411B	1126001	2019/12/6				

Antenna Conducted Spurious Emissions							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until		
1	Spectrum Analyzer	R&S	R&S/FSP40	101139	2019/11/29		

	Power Spectral Density								
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until				
1	Spectrum Analyzer	R&S	R&S/FSP40	101139	2019/11/29				

Remark: "N/A" denotes no model name, no serial no. or no calibration specified. All calibration period of equipment list is one year.

Report No.: BTL-FCCP-1-1905T139 Page 27 of 92 Report Version: R00



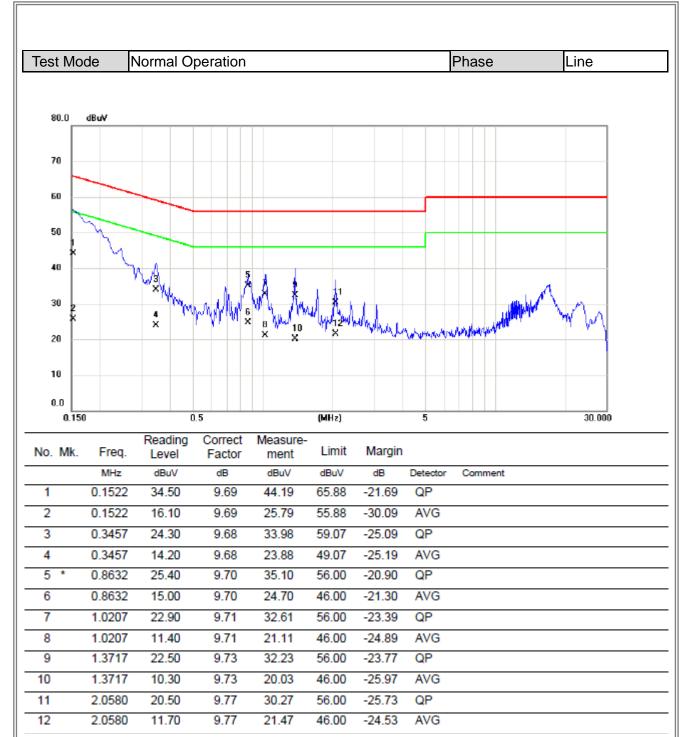


APPENDIX A	AC POWER LINE CONDUCTED EMISSIONS

Report No.: BTL-FCCP-1-1905T139 Page 32 of 92
Report Version: R00

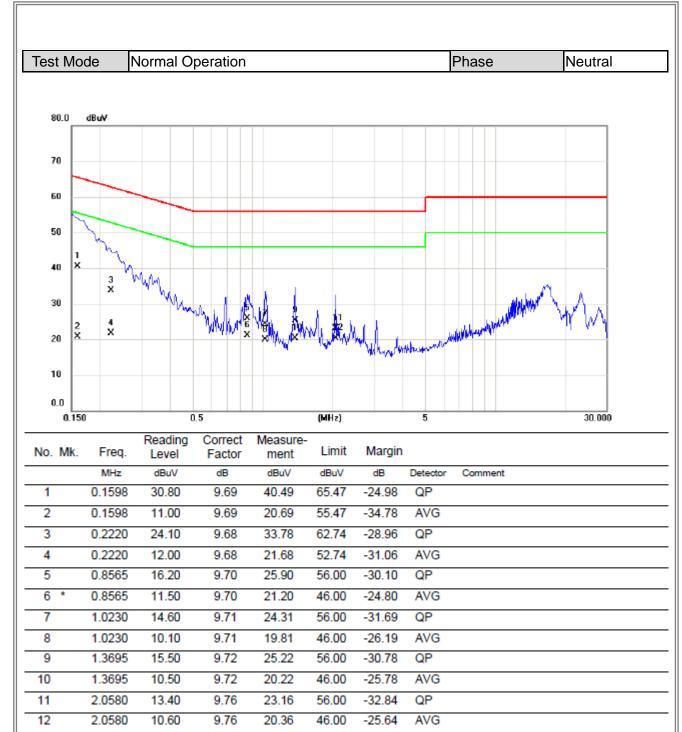














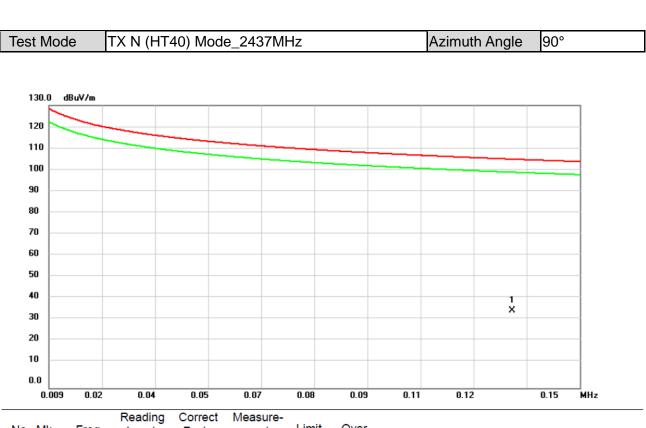


APPENDIX B	RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

Report No.: BTL-FCCP-1-1905T139 Page 35 of 92
Report Version: R00







N	0.	Mk.	Freq.	Reading Level		Measure- ment		Over		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
	1	*	0.1320	21.38	14.21	35.59	105.19	-69.60	AVG	

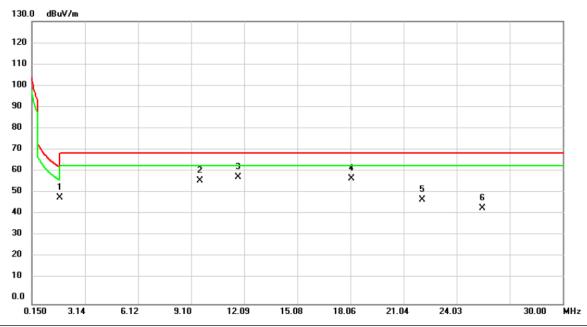
Report No.: BTL-FCCP-1-1905T139

Page 36 of 92 Report Version: R00





Test Mode TX N (HT40) Mode_2437MHz Azimuth Angle 90°



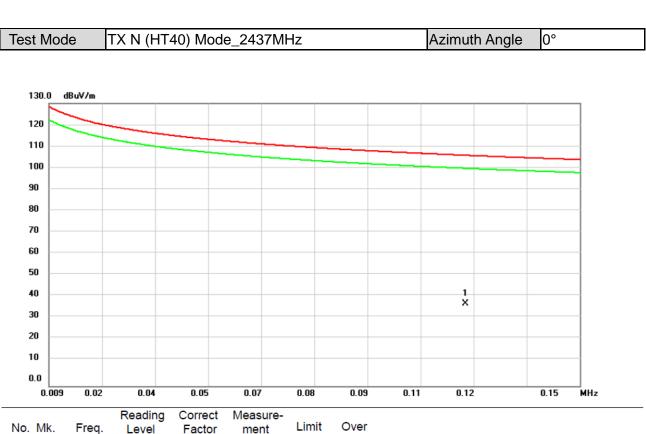
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1.7022	50.96	-2.17	48.79	62.98	-14.19	QP	
2		9.6125	61.49	-4.71	56.78	69.54	-12.76	QP	
3	*	11.7318	63.27	-4.82	58.45	69.54	-11.09	QP	
4		18.1197	63.97	-6.25	57.72	69.54	-11.82	QP	
5		22.0897	54.75	-6.69	48.06	69.54	-21.48	QP	
6		25.4628	52.76	-8.80	43.96	69.54	-25.58	QP	

Report No.: BTL-FCCP-1-1905T139

Page 37 of 92 Report Version: R00







1	۱o.	Mk.	Freq.	_		Measure- ment	Limit	Over			
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
	1	*	0.1197	23.03	14.91	37.94	106.04	-68.10	AVG		

Report No.: BTL-FCCP-1-1905T139

Page 38 of 92 Report Version: R00



60

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1 X 2 X 3 4 X X

3.14

6.12



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.7171	52.55	1.18	53.73	70.49	-16.76	QP	
2	*	1.4633	49.91	-1.55	48.36	64.30	-15.94	QP	
3		2.2395	46.88	-3.11	43.77	69.54	-25.77	QP	
4		2.9558	46.74	-3.63	43.11	69.54	-26.43	QP	
5		4.4484	38.55	-3.85	34.70	69.54	-34.84	QP	
6		18.1496	41.85	-6.26	35.59	69.54	-33.95	QP	

15.08

18.06

21.04

24.03

30.00

_ MHz

9.10

12.09

Report No.: BTL-FCCP-1-1905T139

Page 39 of 92 Report Version: R00



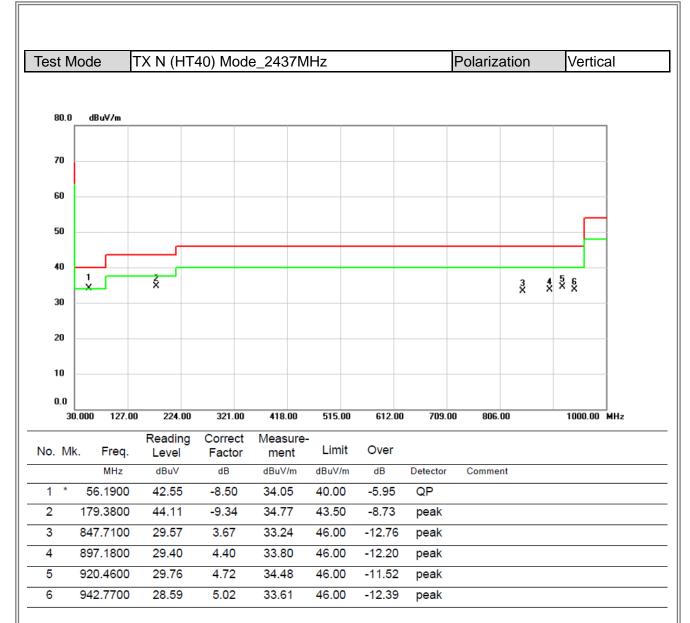


APPENDIX C	RADIATED EMISSIONS - 30 MHZ TO 1000 MHZ

Report No.: BTL-FCCP-1-1905T139 Page 40 of 92
Report Version: R00

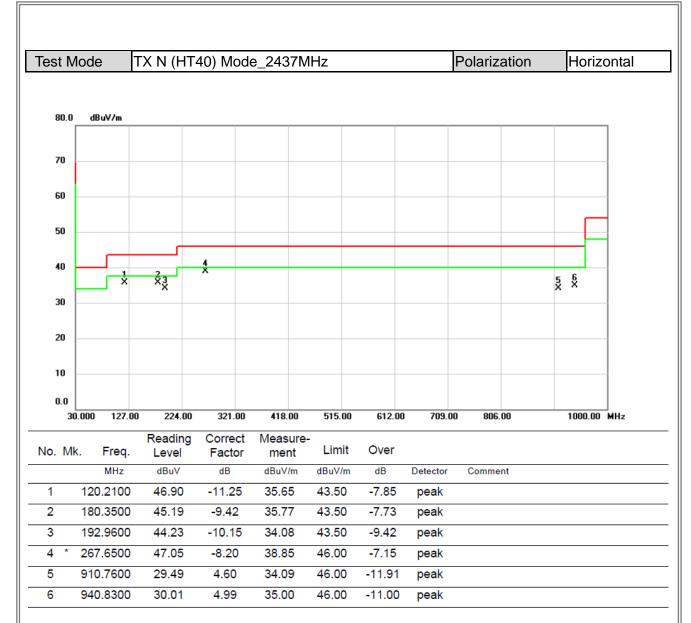
















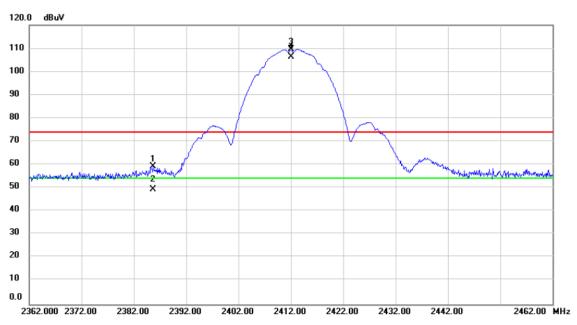
APPENDIX D	RADIATED EMISSIONS - ABOVE 1000 MHZ

Report No.: BTL-FCCP-1-1905T139 Page 43 of 92
Report Version: R00





Test Mode TX B Mode_2412MHz Polarization Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	2	2385.700	28.23	31.02	59.25	74.00	-14.75	peak	
2	2	2385.700	18.44	31.02	49.46	54.00	-4.54	AVG	
3	X 2	2412.000	78.45	31.14	109.59	74.00	35.59	peak	No Limit
4	* /	2412.000	75.15	31.14	106.29	54.00	52.29	AVG	No Limit

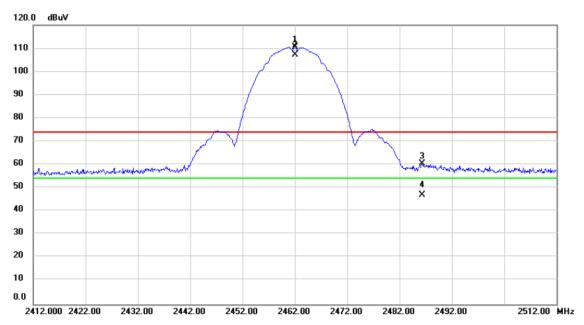
Report No.: BTL-FCCP-1-1905T139

Page 44 of 92 Report Version: R00





Test Mode TX B Mode_2462MHz Polarization Horizontal



No.	M	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	X	2462.000	79.07	31.36	110.43	74.00	36.43	peak	No Limit
2	*	2462.000	75.85	31.36	107.21	54.00	53.21	AVG	No Limit
3		2486.300	28.90	31.47	60.37	74.00	-13.63	peak	
4		2486.300	15.58	31.47	47.05	54.00	-6.95	AVG	

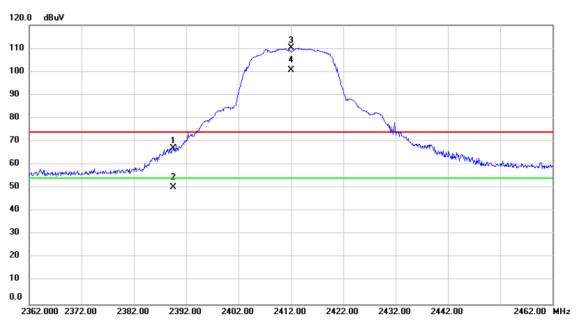
Report No.: BTL-FCCP-1-1905T139

Page 45 of 92 Report Version: R00





Test Mode TX G Mode_2412MHz Polarization Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2389.500	35.89	31.03	66.92	74.00	-7.08	peak	
2	- :	2389.500	19.12	31.03	50.15	54.00	-3.85	AVG	
3	X	2412.000	79.08	31.14	110.22	74.00	36.22	peak	No Limit
4	*	2412.000	69.57	31.14	100.71	54.00	46.71	AVG	No Limit

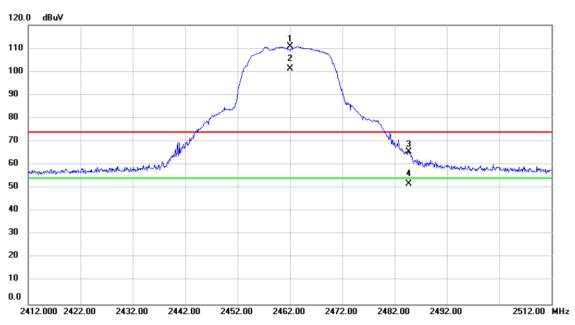
Report No.: BTL-FCCP-1-1905T139

Page 46 of 92 Report Version: R00





Test Mode TX G Mode_2462MHz Polarization Horizontal



No.	M	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment	
1	Χ	2462.000	79.50	31.36	110.86	74.00	36.86	peak	No Limit	
2	*	2462.000	70.03	31.36	101.39	54.00	47.39	AVG	No Limit	
3		2484.700	34.21	31.46	65.67	74.00	-8.33	peak		
4		2484.700	20.39	31.46	51.85	54.00	-2.15	AVG		

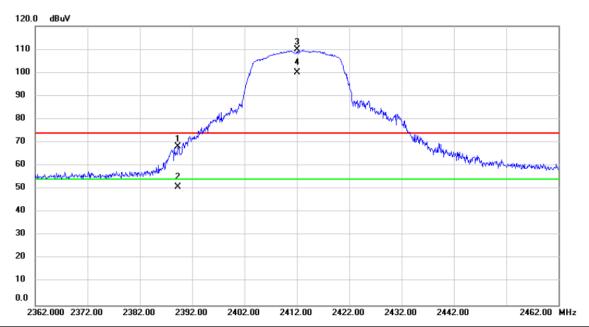
Report No.: BTL-FCCP-1-1905T139

Page 47 of 92 Report Version: R00





Test Mode TX N (HT20) Mode_2412MHz Polarization Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	2	2389.300	37.11	31.03	68.14	74.00	-5.86	peak	
2	2	2389.300	19.69	31.03	50.72	54.00	-3.28	AVG	
3	X 2	2412.000	78.68	31.14	109.82	74.00	35.82	peak	No Limit
4	* 2	2412.000	68.83	31.14	99.97	54.00	45.97	AVG	No Limit

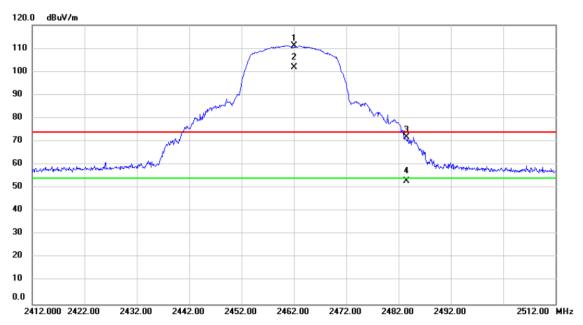
Report No.: BTL-FCCP-1-1905T139

Page 48 of 92 Report Version: R00





Test Mode TX N (HT20) Mode_2462MHz Polarization Horizontal



No.	Mł	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	Χ	2462.000	79.93	31.36	111.29	74.00	37.29	peak	No Limit	
2	*	2462.000	70.52	31.36	101.88	54.00	47.88	AVG	No Limit	
3		2483.500	40.34	31.46	71.80	74.00	-2.20	peak		
4		2483.500	21.47	31.46	52.93	54.00	-1.07	AVG		

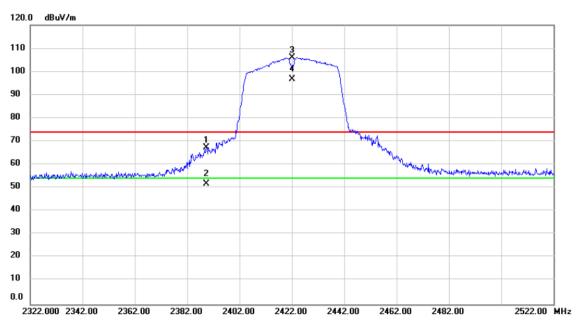
Report No.: BTL-FCCP-1-1905T139

Page 49 of 92 Report Version: R00





Test Mode TX N (HT40) Mode_2422MHz Polarization Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2	389.400	36.42	31.03	67.45	74.00	-6.55	peak	
2	2	389.400	20.87	31.03	51.90	54.00	-2.10	AVG	
3	X 2	422.000	74.92	31.18	106.10	74.00	32.10	peak	No Limit
4	* 2	422.000	65.68	31.18	96.86	54.00	42.86	AVG	No Limit

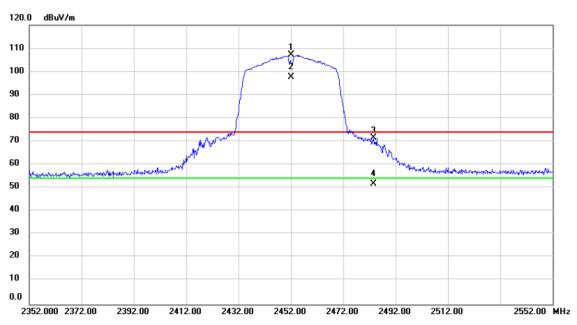
Report No.: BTL-FCCP-1-1905T139

Page 50 of 92 Report Version: R00





Test Mode TX N (HT40) Mode_2452MHz Polarization Horizontal



No.	Mł	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	X	2452.000	75.94	31.32	107.26	74.00	33.26	peak	No Limit	
2	*	2452.000	66.41	31.32	97.73	54.00	43.73	AVG	No Limit	
3		2483.500	40.03	31.46	71.49	74.00	-2.51	peak		
4		2483.500	20.32	31.46	51.78	54.00	-2.22	AVG		

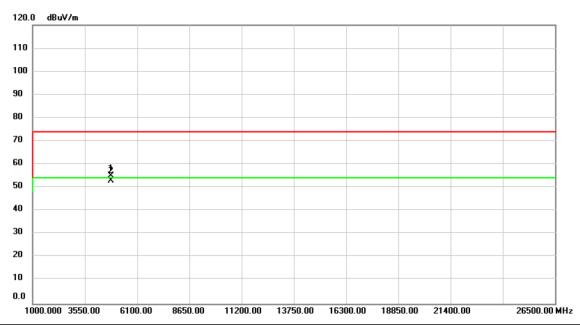
Report No.: BTL-FCCP-1-1905T139

Page 51 of 92 Report Version: R00





Test Mode	TX B MODE 2412 MHz	Polarization	Vertical



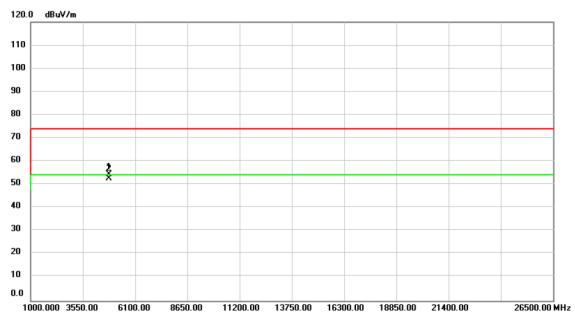
No.	Mi	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4824.000	66.50	-11.48	55.02	74.00	-18.98	peak	
2	*	4824.000	64.48	-11.48	53.00	54.00	-1.00	AVG	

Page 52 of 92 Report Version: R00





Test Mode	TX B MODE 2412 MHz	Polarization	Horizontal



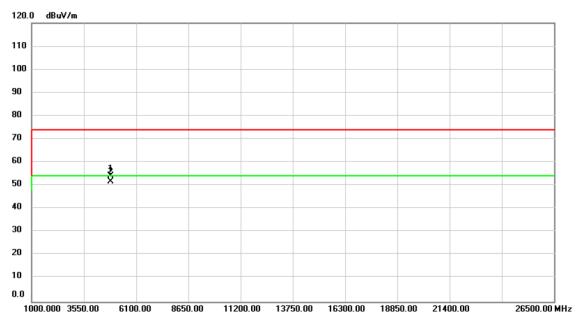
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4824.000	65.90	-11.48	54.42	74.00	-19.58	peak	
2	*	4824.000	64.07	-11.48	52.59	54.00	-1.41	AVG	

Page 53 of 92 Report Version: R00





Test Mode	TX B MODE 2437 MHz	Polarization	Vertical



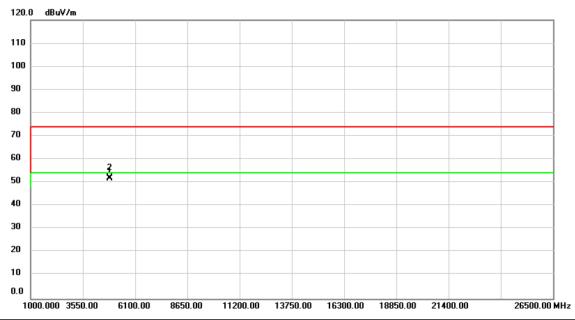
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∀	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1	4	4874.000	65.70	-11.42	54.28	74.00	-19.72	peak	
2	* 4	4874.000	63.20	-11.42	51.78	54.00	-2.22	AVG	

Page 54 of 92 Report Version: R00





ĺ	Test Mode	TX B MODE 2437 MHz	Polarization	Horizontal
ı	1631 MODE		i Olalization	ii iuiizuiilai



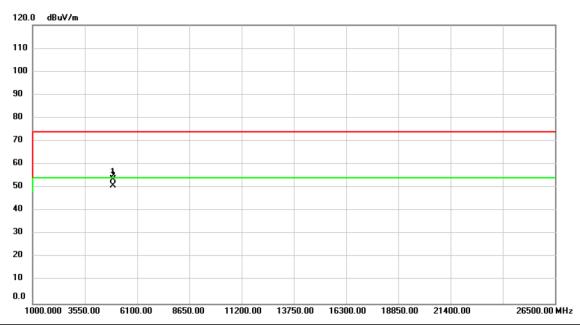
No.	MI	k. F	req.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		Λ	ИHz	dBu∀	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4874	.000	63.28	-11.42	51.86	74.00	-22.14	peak	
2	*	4874	.000	63.53	-11.42	52.11	54.00	-1.89	AVG	

Page 55 of 92 Report Version: R00





Test Mode	TX B MODE 2462 MHz	Polarization	Vertical



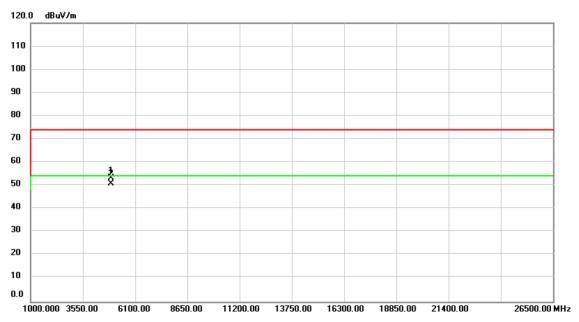
No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4924.000	64.83	-11.37	53.46	74.00	-20.54	peak	
2	*	4924.000	62.17	-11.37	50.80	54.00	-3.20	AVG	

Page 56 of 92 Report Version: R00





Test Mode	TX B MODE	2462 MHz	Polarization	Horizontal



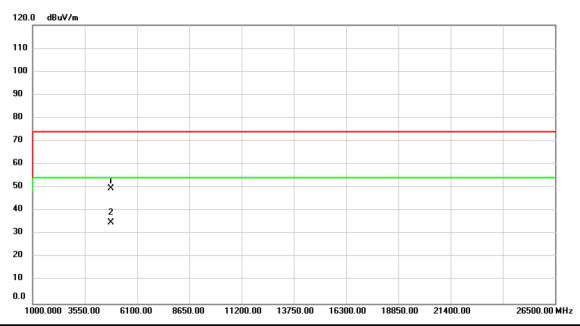
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4924.000	64.51	-11.37	53.14	74.00	-20.86	peak	
2	* .	4924.000	62.30	-11.37	50.93	54.00	-3.07	AVG	

Page 57 of 92 Report Version: R00





ĺ	Test Mode	TX G MODE 2412 MHz	Polarization	Vertical
ı	1631 MODE		i Olalization	v C i licai



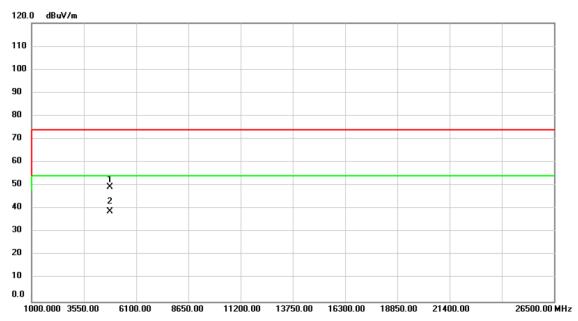
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4824.000	61.08	-11.48	49.60	74.00	-24.40	peak	
2	*	4824.000	46.41	-11.48	34.93	54.00	-19.07	AVG	

Page 58 of 92 Report Version: R00





Test Mode	TX G MODE	2412 MHz	Polarization	Horizontal



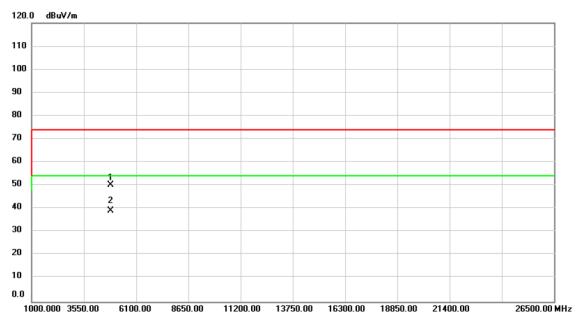
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu V	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4823.810	60.74	-11.48	49.26	74.00	-24.74	peak	
2	*	4826.260	50.23	-11.48	38.75	54.00	-15.25	AVG	

Page 59 of 92 Report Version: R00





Test Mode	TX G MODE	2437 MHz	Polarization	Vertical



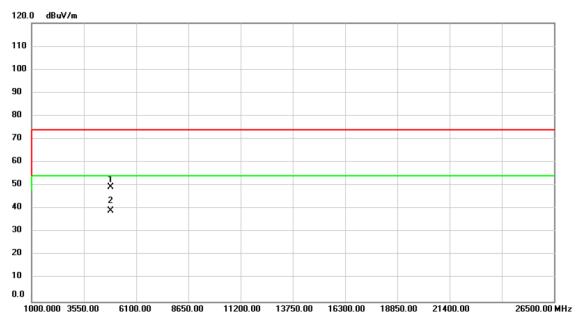
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1	4	1874.000	61.55	-11.42	50.13	74.00	-23.87	peak	
2	* 4	1874.000	50.48	-11.42	39.06	54.00	-14.94	AVG	

Page 60 of 92 Report Version: R00





Test Mode	TX G MODE	2437 MHz	Polarization	Horizontal
Test Mode		2 4 37 NICIZ	ruianzaliun	HUHZUHlai



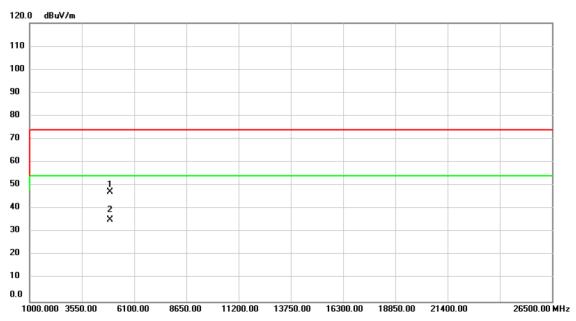
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1	4	1874.000	60.79	-11.42	49.37	74.00	-24.63	peak	
2	* 4	1874.000	50.57	-11.42	39.15	54.00	-14.85	AVG	

Page 61 of 92 Report Version: R00





Test Mode	TX G MODE	2462 MHz	Polarization	Vertical



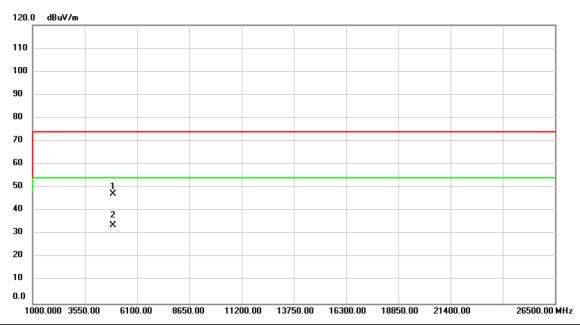
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4924.000	58.64	-11.37	47.27	74.00	-26.73	peak	
2	*	4924.000	46.63	-11.37	35.26	54.00	-18.74	AVG	

Page 62 of 92 Report Version: R00





ĺ	Test Mode	TX G MODE 2462 MHz	Polarization	Horizontal
п	103t Wood		i dianzadon	II IOHZOHILAI



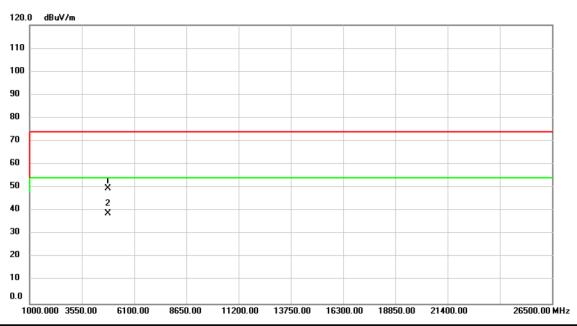
No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4924.000	58.49	-11.37	47.12	74.00	-26.88	peak	
2	*	4924.000	45.01	-11.37	33.64	54.00	-20.36	AVG	

Page 63 of 92 Report Version: R00





Test Mode	TX N (HT20)) MODE 2412MHz	Polarization	Vertical



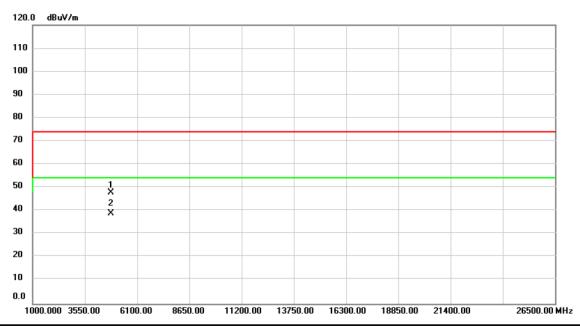
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4824.000	61.17	-11.48	49.69	74.00	-24.31	peak	
2	*	4824.000	50.44	-11.48	38.96	54.00	-15.04	AVG	

Page 64 of 92 Report Version: R00





Test Mode	TX N (HT20) MODE 2412MHz	Polarization	Horizontal
100t Wood	1170 14 (11120) 1010 DE 2112101112	i olalization	



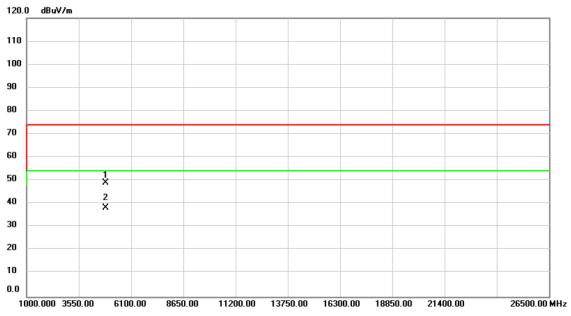
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4824.000	59.30	-11.48	47.82	74.00	-26.18	peak	
2	*	4824.000	50.28	-11.48	38.80	54.00	-15.20	AVG	

Page 65 of 92 Report Version: R00





Test Mode	TX N (HT20) MODE 2437MHz	Polarization	Vertical
100111000	17(11(11120)1110222107111112		1 0 1 ti 0 ti



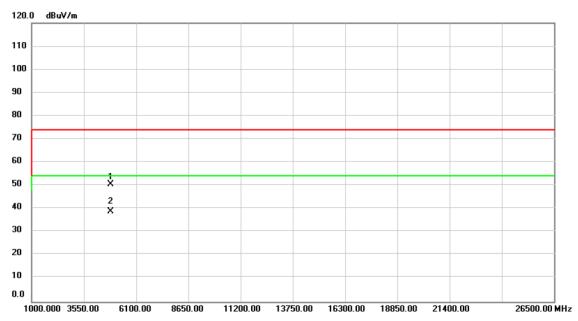
No. N	/lk. Fr	∋q.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
	M	Ηz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1	4874.0	000	60.52	-11.42	49.10	74.00	-24.90	peak	
2 *	4874.0	000	49.55	-11.42	38.13	54.00	-15.87	AVG	

Page 66 of 92 Report Version: R00





Test Mode	TX N (HT20) MODE 2437MHz	Polarization	Horizontal
TOOL WIGGE	1	i olanzadon	



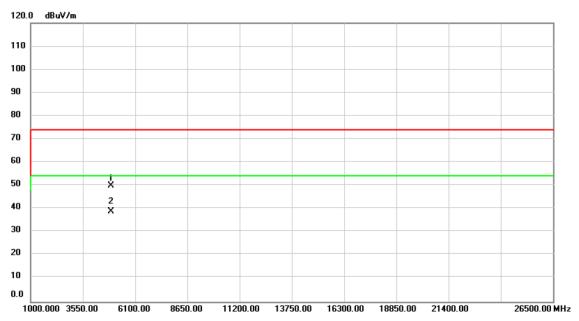
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu V	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1	4	874.000	61.93	-11.42	50.51	74.00	-23.49	peak	
2	* 4	874.000	50.22	-11.42	38.80	54.00	-15.20	AVG	

Page 67 of 92 Report Version: R00





Test Mode	TX NI (HT20)) MODE 2462MHz	Polarization	Vertical
Test Mode	1 / 1 (1 1 Z U	INIODE ZHOZIVII IZ	i Olalization	verticai



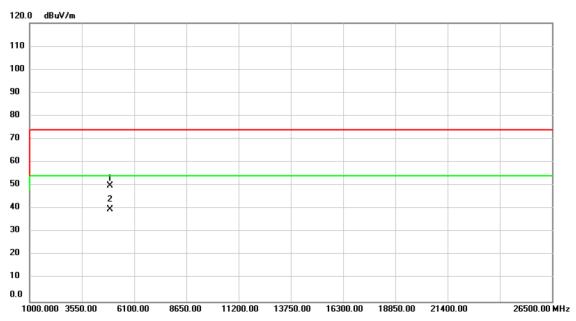
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4924.000	61.30	-11.37	49.93	74.00	-24.07	peak	
2	*	4924.000	50.27	-11.37	38.90	54.00	-15.10	AVG	

Page 68 of 92 Report Version: R00





Test Mode	TX N (HT20) MODE 2462MHz	Polarization	Horizontal
100t Wood	1 / 1 1 1 1 2 0 1 1 2 1 2 1 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2	i olanzadon	



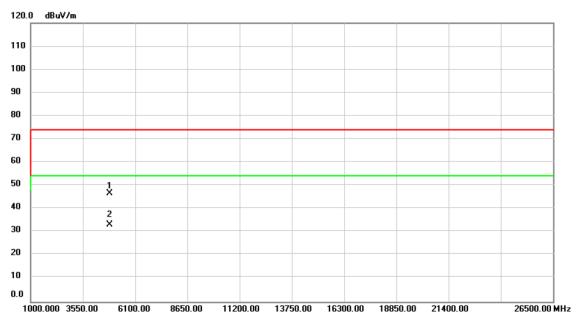
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1	4	1924.000	61.44	-11.37	50.07	74.00	-23.93	peak	
2	* 4	1924.000	51.20	-11.37	39.83	54.00	-14.17	AVG	

Page 69 of 92 Report Version: R00





Test Mode	TX N (HT40) MODE 2422M	1Hz Po	olarization	Vertical



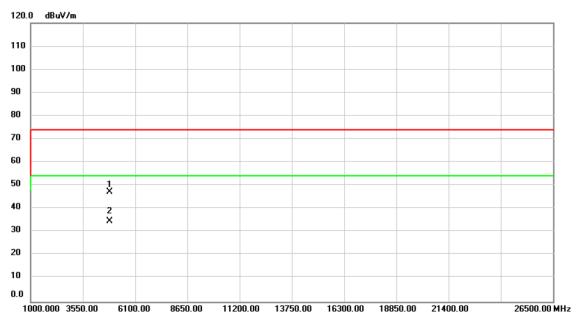
No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4844.000	58.03	-11.46	46.57	74.00	-27.43	peak	
2	*	4844.000	44.73	-11.46	33.27	54.00	-20.73	AVG	

Page 70 of 92 Report Version: R00





Test Mode	TX N (HT40)	MODE 2422MHz	Polarization	Horizontal



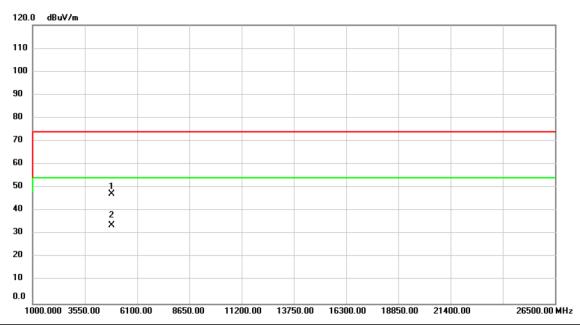
No.	Mk	ι. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu V	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4844.000	58.58	-11.46	47.12	74.00	-26.88	peak	
2	*	4844.000	46.11	-11.46	34.65	54.00	-19.35	AVG	

Page 71 of 92 Report Version: R00





Test Mode	TX N (HT40)	MODE 2437MHz	Polarization	Vertical



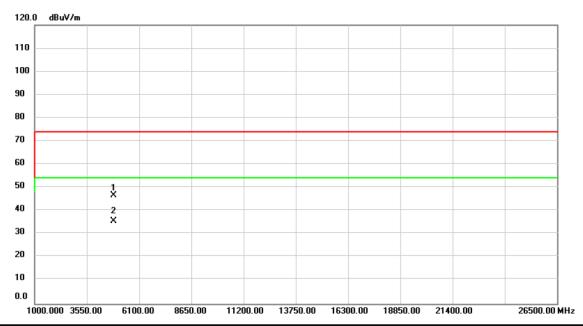
No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
			MHz	dBu∀	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		487	4.000	58.70	-11.42	47.28	74.00	-26.72	peak	
2	*	487	4.000	45.02	-11.42	33.60	54.00	-20.40	AVG	

Page 72 of 92 Report Version: R00





Test Mode	TX N (HT40)	MODE 2437MHz	Polarization	Horizontal



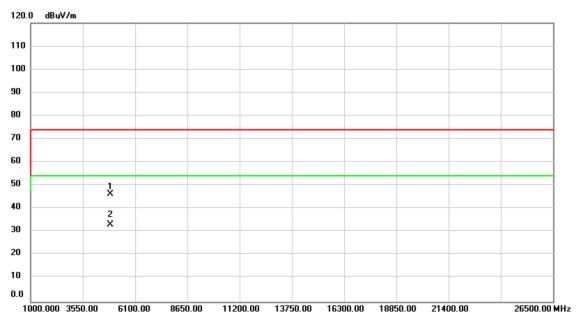
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4874.000	57.94	-11.42	46.52	74.00	-27.48	peak	
2	*	4874.000	46.85	-11.42	35.43	54.00	-18.57	AVG	

Page 73 of 92 Report Version: R00





Test Mode	TX N (HT40) MODE 2452I	MHz F	Polarization	Vertical



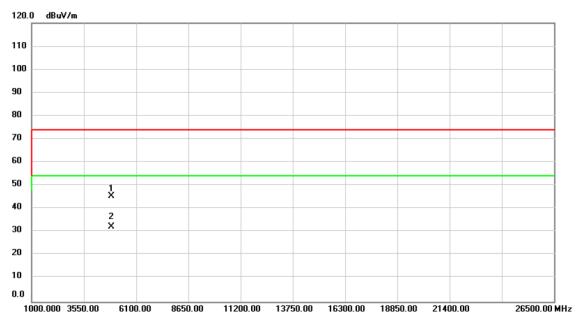
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∨	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1	4	4904.000	57.66	-11.39	46.27	74.00	-27.73	peak	
2	* 4	4904.000	44.57	-11.39	33.18	54.00	-20.82	AVG	

Page 74 of 92 Report Version: R00





Test Mode	TX N (HT40)	MODE 2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er		
		MHz	dBu∀	dB	dBu V/m	dBuV/m	dB	Detector	Comment
1		4904.000	56.83	-11.39	45.44	74.00	-28.56	peak	
2	*	4904.000	43.59	-11.39	32.20	54.00	-21.80	AVG	

Page 75 of 92 Report Version: R00





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	APPENDIX E	BANDWIDTH	

Report No.: BTL-FCCP-1-1905T139 Page 76 of 92
Report Version: R00





Test Mode IE	EE 802.11b
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Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (kHz)	Result
2412	10.07	14.60	500.00	Complies
2437	10.06	14.60	500.00	Complies
2462	10.04	14.56	500.00	Complies







Test Mode IEEE 802.11g

Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (kHz)	Result
2412	14.28	16.36	500.00	Complies
2437	15.10	16.36	500.00	Complies
2462	15.06	16.36	500.00	Complies



Report No.: BTL-FCCP-1-1905T139

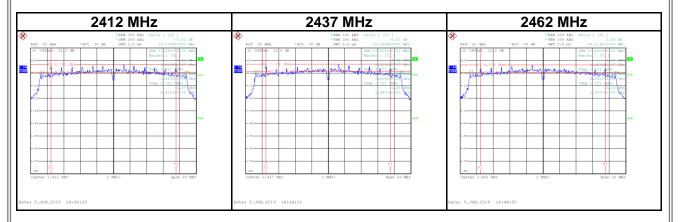
Page 78 of 92 Report Version: R00





Test Mode IEEE 802.11n (HT20)

Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (kHz)	Result
2412	15.14	17.56	500.00	Complies
2437	15.10	17.56	500.00	Complies
2462	15.12	17.56	500.00	Complies



Report No.: BTL-FCCP-1-1905T139

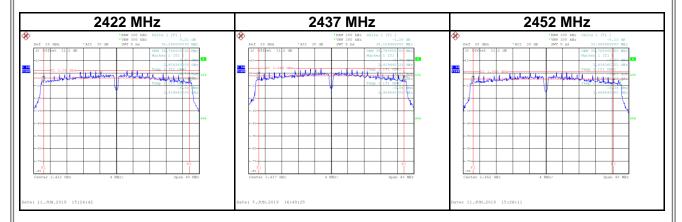
Page 79 of 92 Report Version: R00





Test Mode	IEEE 802.11n	(HT40)
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Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (kHz)	Result
2422	35.24	35.76	500.00	Complies
2437	35.16	35.76	500.00	Complies
2452	33.99	35.76	500.00	Complies







<u> </u>			7
	APPENDIX F	PEAK OUTPUT POWER	

Report No.: BTL-FCCP-1-1905T139 Page 81 of 92
Report Version: R00





Test Mode	IEEE 802.11b
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.68	0.1169	30.00	1.0000	Complies
2437	20.73	0.1183	30.00	1.0000	Complies
2462	20.77	0.1194	30.00	1.0000	Complies

Test Mode IEEE 802.11g

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.63	0.2904	30.00	1.0000	Complies
2437	24.53	0.2838	30.00	1.0000	Complies
2462	24.29	0.2685	30.00	1.0000	Complies

Test Mode IEEE 802.11n (HT20)

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.56	0.2858	30.00	1.0000	Complies
2437	24.49	0.2812	30.00	1.0000	Complies
2462	24.44	0.2780	30.00	1.0000	Complies

Test Mode IEEE 802.11n (HT40)

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.22	0.2099	30.00	1.0000	Complies
2437	24.12	0.2582	30.00	1.0000	Complies
2452	22.48	0.1770	30.00	1.0000	Complies

Report No.: BTL-FCCP-1-1905T139



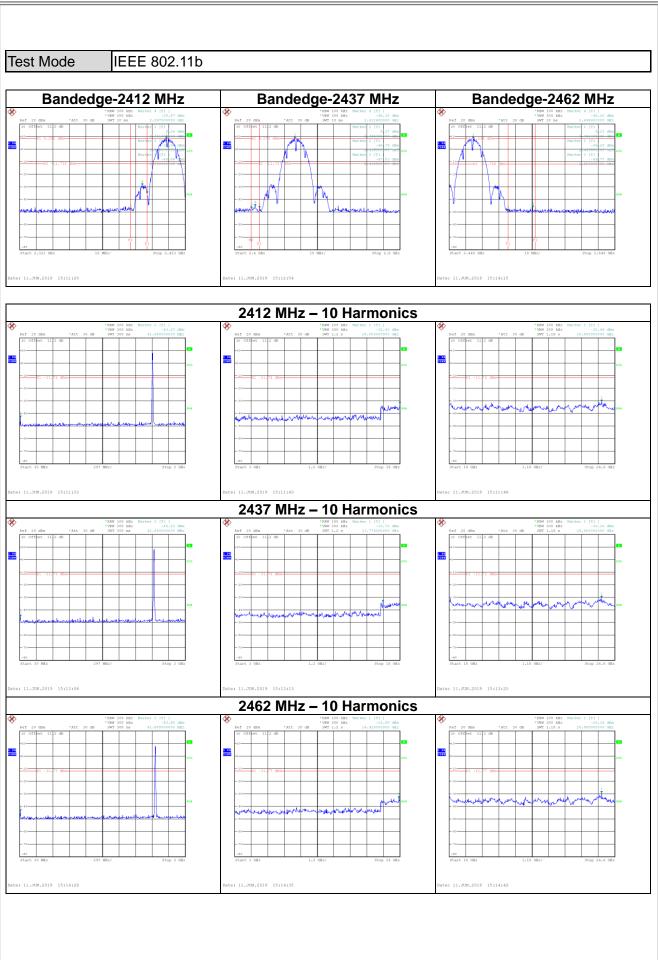


APPENDIX G	ANTENNA CONDUCTED SPURIOUS EMISSIONS

Report No.: BTL-FCCP-1-1905T139 Page 83 of 92
Report Version: R00



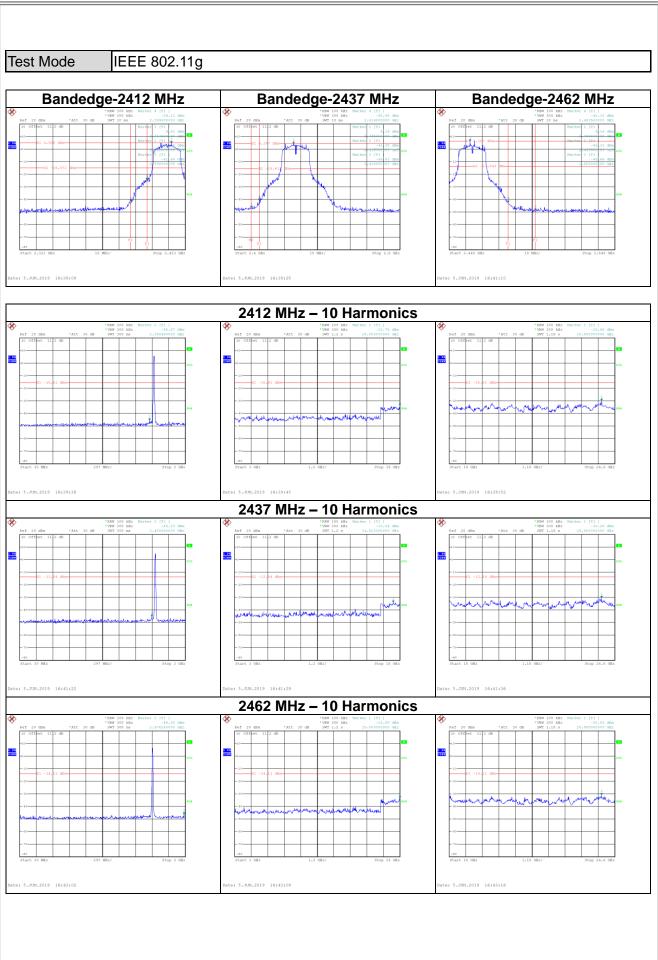




Page 84 of 92 Report Version: R00



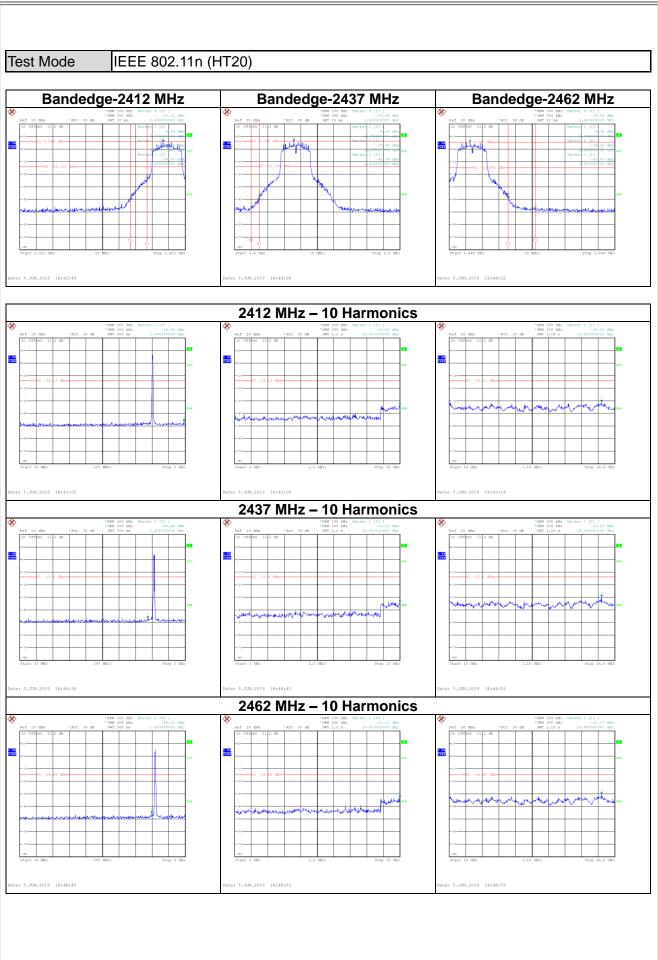




Page 85 of 92 Report Version: R00



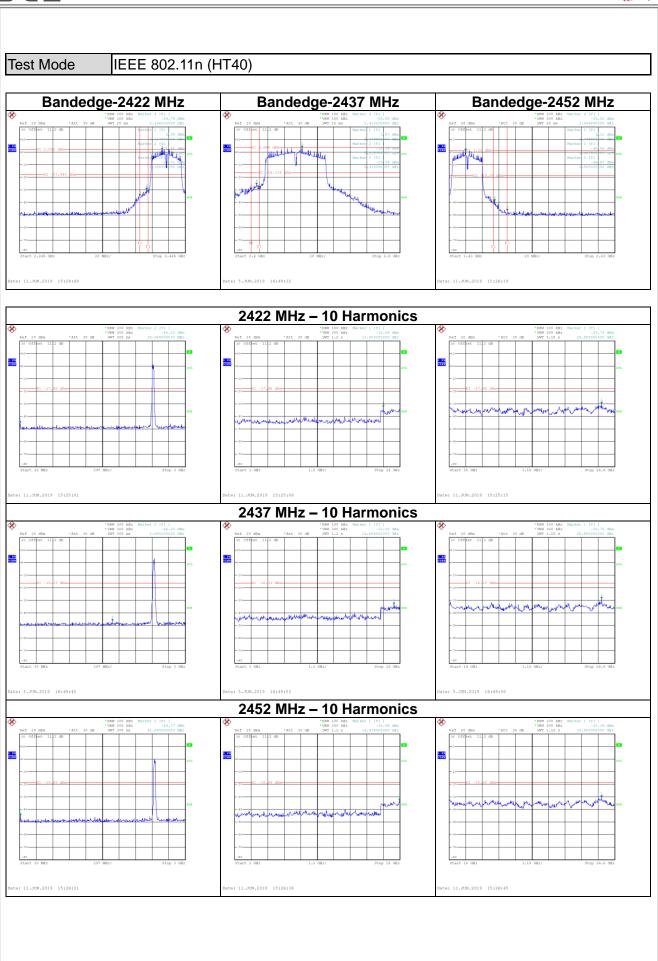




Page 86 of 92 Report Version: R00







Page 87 of 92 Report Version: R00





APPENDIX H	POWER SPECTRAL DENSITY

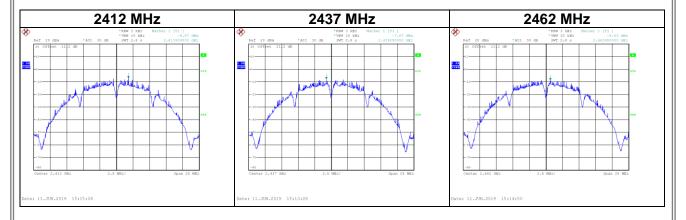
Page 88 of 92 Report Version: R00 Report No.: BTL-FCCP-1-1905T139





Test Mode IEEE 802.11b

Frequency (MHz)	Power Spectral Density (dBm/3 kHz)	Limit (dBm/3 kHz)	Result
2412	-6.87	8.00	Complies
2437	-7.67	8.00	Complies
2462	-8.53	8.00	Complies



Report No.: BTL-FCCP-1-1905T139

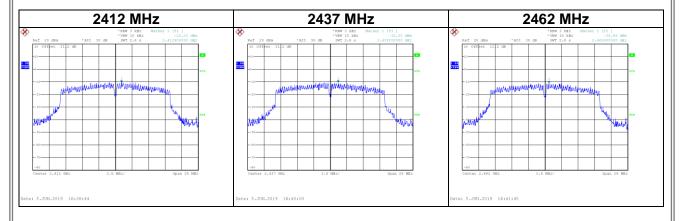
Page 89 of 92 Report Version: R00





Test Mode IEEE 802.11g

Frequency (MHz)	Power Spectral Density (dBm/3 kHz)	Limit (dBm/3 kHz)	Result
2412	-10.23	8.00	Complies
2437	-10.32	8.00	Complies
2462	-10.88	8.00	Complies



Report No.: BTL-FCCP-1-1905T139

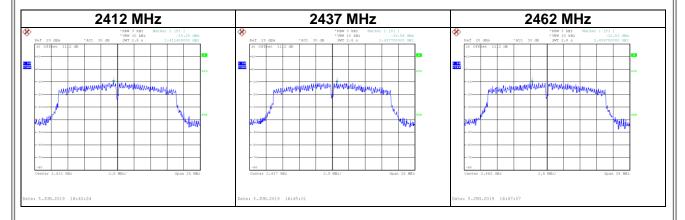
Page 90 of 92 Report Version: R00





Test Mode IEEE 802.11n (HT20)

Frequency (MHz)	Power Spectral Density (dBm/3 kHz)	Limit (dBm/3 kHz)	Result
2412	-10.25	8.00	Complies
2437	-10.56	8.00	Complies
2462	-10.53	8.00	Complies



Report No.: BTL-FCCP-1-1905T139

Page 91 of 92 Report Version: R00





Test Mode IEEE 802.11n (HT40)

Frequency (MHz)	Power Spectral Density (dBm/3 kHz)	Limit (dBm/3 kHz)	Result
2422	-14.39	8.00	Complies
2437	-12.54	8.00	Complies
2452	-14.90	8.00	Complies

