

FCC Radio Test Report

FCC ID: 2AXJ4RM200

This report concerns: Original Grant

Project No.	:	2208C006
Equipment	:	Tapo Robot Vacuum Wi-Fi Model
Brand Name	:	tp-link
Test Model	:	RM200
Series Model	:	N/A
Applicant	:	TP-Link Corporation Limited
Address	:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,
		Tsim Sha Tsui, Kowloon, Hong Kong
Manufacturer	:	TP-Link Corporation Limited
Address	:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,
		Tsim Sha Tsui, Kowloon, Hong Kong
Date of Receipt	:	Aug. 01, 2022
Date of Test	:	Aug. 03, 2022 ~ Aug. 16, 2022
Issued Date	:	Sep. 21, 2022
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG20220801129 for AC Power Line
		Conducted Emissions, Radiated Emissions below 30MHz and
		Maximum Average Output Power, DG20220801130 for others.
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart C
		FCC KDB 558074 D01 15.247 Meas Guidance v05r02
		ANSI C63.10-2013

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

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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.



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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2208C006	R00	Original Report.	Aug. 30, 2022	Invalid
BTL-FCCP-2-2208C006	R01	Modified the comments of ACB.	Sep. 21, 2022	Valid

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart C						
Standard(s) Section	Test Item	Test Result	Judgment	Remark		
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS			
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS			
15.247(a)(2)	Bandwidth	APPENDIX E	PASS			
15.247(b)(3)	Maximum Average Output Power	APPENDIX F	PASS			
15.247(d)	Conducted Spurious Emissions	APPENDIX G	PASS			
15.247(e)	Power Spectral Density	APPENDIX H	PASS			
15.203	Antenna Requirement		PASS	Note(2)		

Note:

(1) "N/A" denotes test is not applicable in this test report.(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.





1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China. BTL's Registration Number for FCC: 357015 BTL's Designation Number for FCC: CN1240

1.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)) The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Method Measurement Frequency Range		
DG-C02	CISPR	150kHz ~ 30MHz	2.60	

B. Radiated emissions test:

Test Site	Method	Method Measurement Frequency Range			
DG-CB01	CISPR	9kHz ~ 30MHz	2.36		

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.36
		30MHz ~ 200MHz	Н	3.32
		200MHz ~ 1,000MHz	V	4.08
		200MHz ~ 1,000MHz	Н	3.96

Test Site	Method Measurement Frequency Range		U,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	3.80
	CISER	6GHz ~ 18GHz	4.82

Test Site	Method	Measurement Frequency Range	
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.62
		26.5 ~ 40 GHz	4.00



C. Other Measurement:

Test Item	Uncertainty
Bandwidth	±3.8 %
Maximum Average Output Power	±0.95 dB
Conducted Spurious Emission	±2.71 dB
Power Spectral Density	±0.86 dB
Temperature	±0.08 °C
Humidity	±1.5%

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	22°C	51%	AC 120V/60Hz	Jeter Wang
Radiated Emissions-9kHz to 30 MHz	25°C	55%	DC 5V	Farun Liang
Radiated Emissions-30MHz to 1000MHz	27°C	60%	DC 5V	Chen Mo
Radiated Emissions-Above 1000MHz	23°C	53%	DC 5V	Chen Mo
Bandwidth	24°C	60%	DC 5V	Ansel Yang
Maximum Average Output Power	23°C	54%	DC 5V	Complex Qin
Conducted Spurious Emissions	24°C	60%	DC 5V	Ansel Yang
Power Spectral Density	24°C	60%	DC 5V	Ansel Yang

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Tapo Robot Vacuum Wi-Fi Model
Brand Name	tp-link
Test Model	RM200
Series Model	N/A
Model Difference(s)	N/A
Power Source	DC voltage supplied from AC adapter. (Support unit)
Power Rating	DC 5V
Operation Frequency	2412 MHz ~ 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 72.2 Mbps
Maximum Average Output Power	IEEE 802.11b: 19.96 dBm (0.0991 W)

Note:

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

2. Channel List:

	CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20)						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-LINK [®]	3101502753	Dipole	I-PEX	1.97

Note:

1) The antenna gain is provided by the manufacturer.

2.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX B Mode Channel 11
Mode 5	TX B Mode Channel 01/02/06/10/11
Mode 6	TX G Mode Channel 01/02/06/10/11
Mode 7	TX N(HT20) Mode Channel 01/02/06/10/11

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

AC power line conducted emissions test			
Final Test Mode	Description		
Mode 4	TX B Mode Channel 11		

Radiated emissions test - Below 1GHz		
Final Test Mode	Description	
Mode 4	TX B Mode Channel 11	

Radiated emissions test- Above 1GHz			
Final Test Mode	Description		
Mode 5	TX B Mode Channel 01/02/06/10/11		
Mode 6	TX G Mode Channel 01/02/06/10/11		
Mode 7	TX N(HT20) Mode Channel 01/02/06/10/11		



Conducted test		
Final Test Mode	Description	
Mode 1	TX B Mode Channel 01/06/11	
Mode 2	TX G Mode Channel 01/06/11	
Mode 3	TX N(HT20) Mode Channel 01/06/11	

NOTE:

- (1) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (2) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX B Mode Channel 11 is found to be the worst case and recorded.
- (3) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (4) For radiated emission above 1 GHz test: The polarization of vertical and horizontal are evaluated, the bandedge worst case is horizontal, the harmonic worst case is vertical and recorded.
- (5) The EUT is considered a portable unit, it was pre-tested on the positioned of each 3 axis. The worst case was found positioned on Y-plane. Therefore only the test data of this Y-plane was used for radiated emission measurement test.

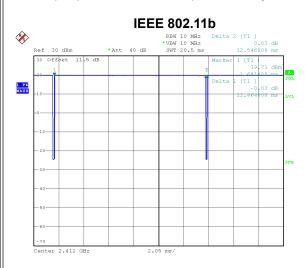
2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	MobaXterm_Installer_v12.4		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	41	41	42
IEEE 802.11g	42	42	42
IEEE 802.11n(HT20)	42	42	42



2.4 DUTY CYCLE

If duty cycle is \geq 98 %, duty factor is not required. If duty cycle is < 98 %, duty factor shall be considered. The output power = measured power + duty factor.



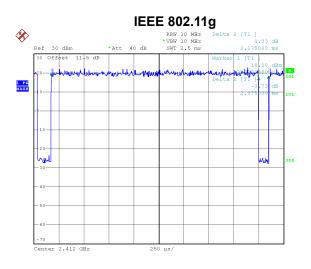
Date: 11.AUG.2022 14:35:56

Duty cycle = 12.464 ms / 12.546 ms = 99.35% Duty Factor = 10 log(1/Duty cycle) = 0.00

EEE 802.11n(HT20)

Date: 11.AUG.2022 15:36:45

Duty cycle = 2.072 ms / 2.160 ms = 95.93%Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.18$



Date: 11.AUG.2022 15:22:00

Duty cycle = 2.075 ms / 2.175 ms = 95.40%Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.20$



NOTE:

For IEEE 802.11b:

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.

For IEEE 802.11g:

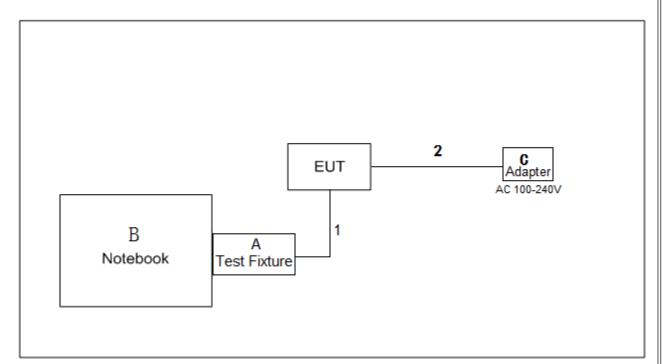
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 482 Hz.

For 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 483 Hz.



2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
А	Test Fixture	N/A	N/A	N/A
В	Notebook	HP	Compaq 510	N/A
С	Adapter	MASS	NBS30D120250VU	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	Data Cable	NO	NO	0.2m
2	DC Cable	NO	NO	1.5m



3. AC POWER LINE CONDUCTED EMISSIONS

3.1 LIMIT

Eroquency of Emission (MHz)	Limit (dBµV)		
Frequency of Emission (MHz)	Quasi-peak	Average	
0.15 - 0.5	66 to 56*	56 to 46*	
0.5 - 5.0	56	46	
5.0 - 30.0	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.

3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling 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 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

The following table is the setting of the receiver:

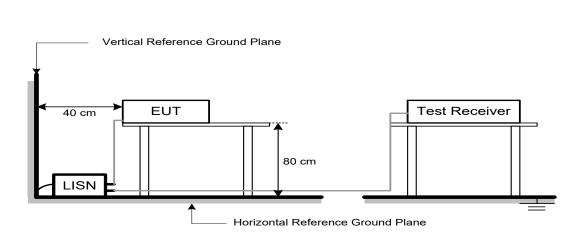
Receiver Parameters	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.3 DEVIATION FROM TEST STANDARD

No deviation.



3.4 TEST SETUP



3.5 EUT OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULTS

Please refer to the APPENDIX A.



4. RADIATED EMISSIONS

4.1 LIMIT

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

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000 MHz)

Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Band edge/ Harmonic at 3m (dBµV/m)	
	Peak	Average
Above 1000	74	54

NOTE:

(1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.

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

(3) Emission level (dBuV/m)=20log Emission level (uV/m).



4.2 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 1 GHz)
- b. The measuring distance of 3 m or 1.5m 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)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; 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 1 GHz.
- f. 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 1 GHz)
- 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 1 GHz)
- i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz
Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW	1 MHz / 3 MHz for PK value
(Emission in restricted band)	1 MHz / 1/T Hz for AVG value
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~26.5 GHz for PK/AVG detector

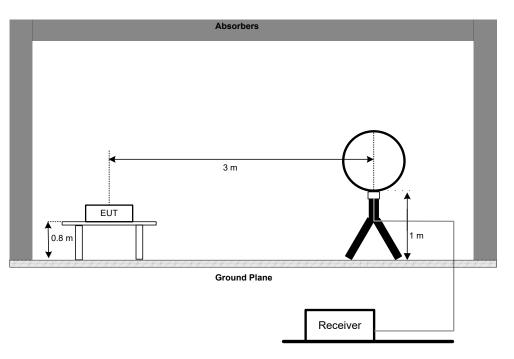


4.3 DEVIATION FROM TEST STANDARD

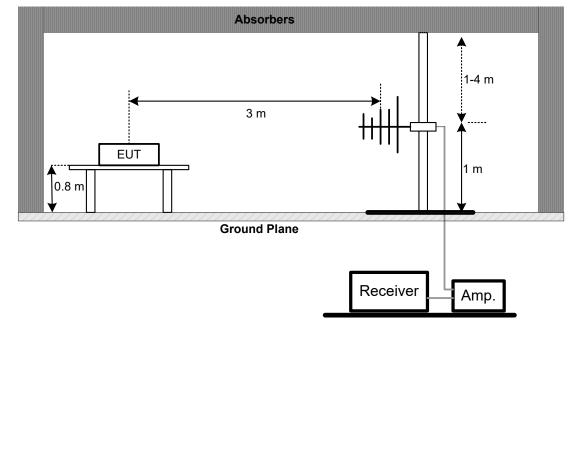
No deviation.

4.4 TEST SETUP

9 kHz to 30 MHz

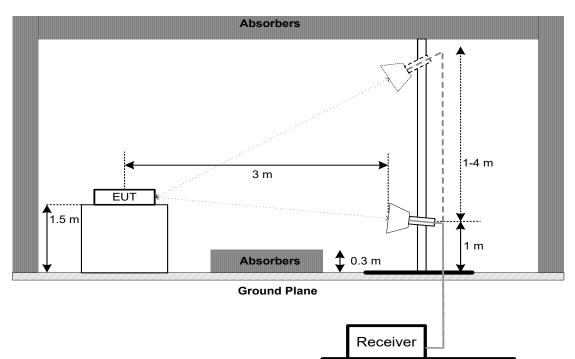


30 MHz to 1 GHz



<u>3TL</u>

Above 1 GHz



4.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

- (1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

4.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

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



5. BANDWIDTH

5.1 LIMIT

Section	Test Item	Limit
	6 dB Bandwidth	Minimum 500 kHz
FCC 15.247(a)(2)	99% Emission Bandwidth	-

5.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. The following table is the setting of the spectrum analyzer:

For 6 dB Bandwidth:

Spectrum Parameters	Setting	
Span Frequency	> Measurement Bandwidth	
RBW	100 kHz	
VBW	300 kHz	
Detector	Peak	
Trace	Max Hold	
Sweep Time	Auto	

For 99% Emission Bandwidth:

Spectrum Parameters	Setting	
Span Frequency	Between 1.5 times and 5.0 times the OBW	
RBW	300 kHz	
VBW	1 MHz	
Detector	Peak	
Trace	Max Hold	
Sweep Time	Auto	

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.



6. MAXIMUM AVERAGE OUTPUT POWER

6.1 LIMIT

Section	Test Item	Limit
FCC 15.247(b)(3)	Maximum Average Output Power	1.0000 Watt or 30.00 dBm

6.2 TEST PROCEDURE

- a. The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.
- b. The maximum conducted output power was performed in accordance with method 11.9.2.3.1 of ANSI C63.10-2013.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.



7. CONDUCTED SPURIOUS EMISSIONS

7.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator 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 the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required.

7.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

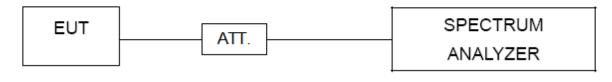
For Emission Level:

Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.



8. POWER SPECTRAL DENSITY

8.1 LIMIT

Section	Test Item	Limit
FCC 15.247(e)	247(e) Power Spectral Density	8 dBm
FCC 15.247(e)		(in any 3 kHz)

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. The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting	
Span Frequency	1.5 times the DTS bandwidth	
RBW	3 kHz	
VBW	10 kHz	
Detector	Peak	
Trace	Max Hold	
Sweep Time	Auto	

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.

9. MEASUREMENT INSTRUMENTS LIST

	AC Power Line Conducted Emissions									
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until					
1	EMI Test Receiver	R&S	ESCI	100382	Jan. 22, 2023					
2	LISN	EMCO	3816/2	52765	Jan. 23, 2023					
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Jan. 23, 2023					
4	50Ω Terminator	SHX	TF5-3	15041304	Jan. 22, 2023					
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A					
6	Cable	N/A	RG223	12m	Mar. 08, 2023					
7	643 Shield Room	ETS	6*4*3	N/A	N/A					

	Radiated Emissions - 9 kHz to 30 MHz								
Item	m Kind of Equipment Manufacturer		Type No.	Serial No.	Calibrated until				
1	MXE EMI Receiver	Keysight	N9038A	MY56400091	Jan. 22, 2023				
2*	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 23, 2024				
3	Cable	N/A	RG 213/U(9kHz~1GHz)	N/A	Jun. 17, 2023				
4	Measurement Software Farad		EZ-EMC Ver.NB-03A1-01	N/A	N/A				
5	966 Chamber Room	ETS	9*6*6	N/A	Jul. 14, 2023				

	Radiated Emissions - 30 MHz to 1 GHz								
Item	Kind of Equipment Manufacturer		Type No.	Serial No.	Calibrated until				
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 03, 2023				
2	Amplifier	HP	8447D	2944A08742	Jan. 22, 2023				
3	Cable	emci	LMR-400	N/A	Nov. 30, 2022				
4	Controller	СТ	SC100	N/A	N/A				
5	Controller	MF	MF-7802	MF780208416	N/A				
6	Receiver	Agilent	N9038A	MY52130039	Jan. 22, 2023				
7	Measurement Software	Farad	EZ-EMC N/A Ver.NB-03A1-01		N/A				
8	966 Chamber Room	RM	9*6*6	N/A	Jul. 15, 2023				

Radiated Emissions - Above 1 GHz								
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	Double Ridged Horn Antenna	ARA	DRG-118A	16554	Apr. 18, 2023			
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	May 27, 2023			
3	Amplifier	Agilent	8449B	3008A02584	Jul. 03, 2023			
4	Controller	СТ	SC100	N/A	N/A			
5	Controller	MF	MF-7802	MF780208416	N/A			
6	Receiver	Agilent	N9038A	MY52130039	Jan. 22, 2023			
7	EXA Spectrum Analyzer	Keysight	N9010A	MY56480488	Jan. 22, 2023			
8*	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330 -K	619413	Jul. 05, 2025			
9	Cable	Talent microwave	A81-SMAMSMAM- 12.5M	N/A	Oct. 15, 2022			
10	Cable	Talent microwave	A40-2.92M2.92M-2. 5M	N/A	Nov. 30, 2022			
11	Filter	STI	STI15-9912	N/A	Jul. 03, 2023			
12	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A			
13	966 Chamber Room	RM	9*6*6	N/A	Jul. 15, 2023			



Bandwidth & Conducted Spurious Emissions & Power Spectral Density									
Item	Item Kind of Equipment Manufacturer Type No. Serial No. Calibrated unti								
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 03, 2023				
2	2 Attenuator WOKEN 6SM3502 VAS1214NL N/A								
3	3 RF Cable Tongkaichuan N/A N/A N/A								
4	DC Block	Mini	N/A	N/A	N/A				

	Maximum Average Output Power									
Item Kind of Equipment Manufacturer Type No. Serial No. Calib										
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Jul. 03, 2023					
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 03, 2023					
3	Attenuator	WOKEN	6SM3502	VAS1214NL	N/A					
4	RF Cable Tongkaichuan		N/A	N/A	N/A					

Remark: "N/A" denotes no model name, serial no. or calibration specified.

"*" calibration period of equipment list is three year.

Except * item, all calibration period of equipment list is one year.



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AC Power Line Conducted Emissions Test Photos







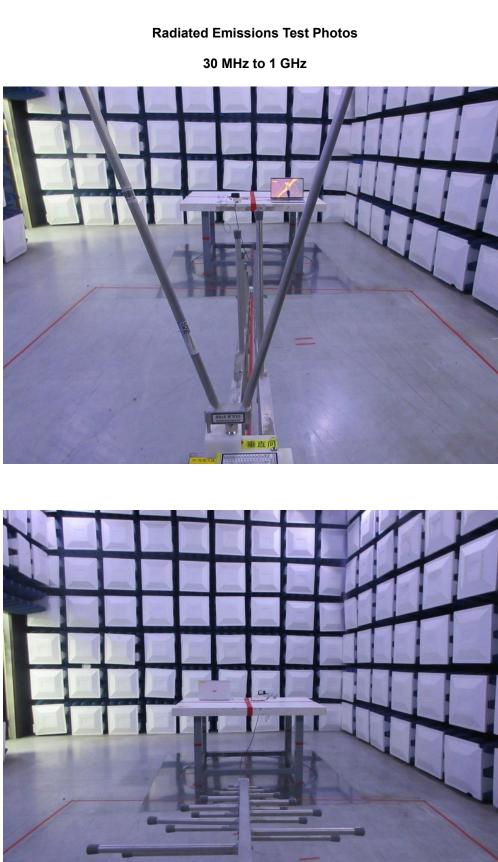
Radiated Emissions Test Photos

9 kHz to 30 MHz







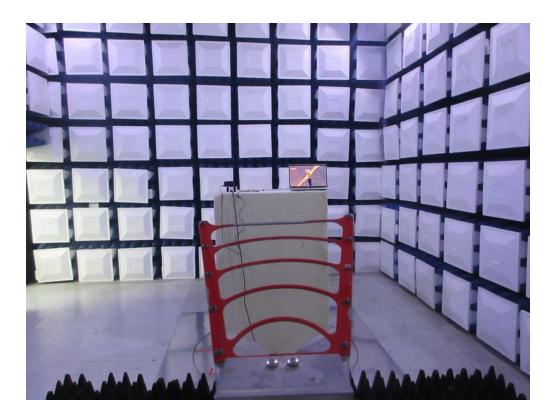




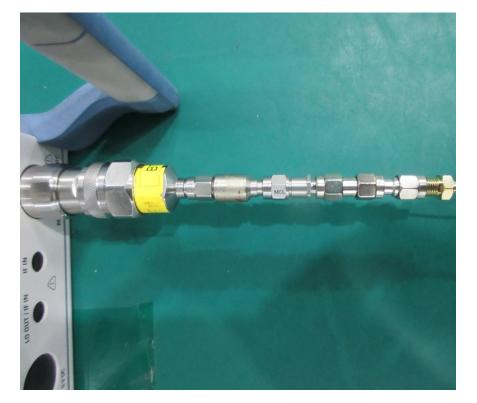
Radiated Emissions Test Photos

Above 1GHz

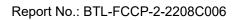




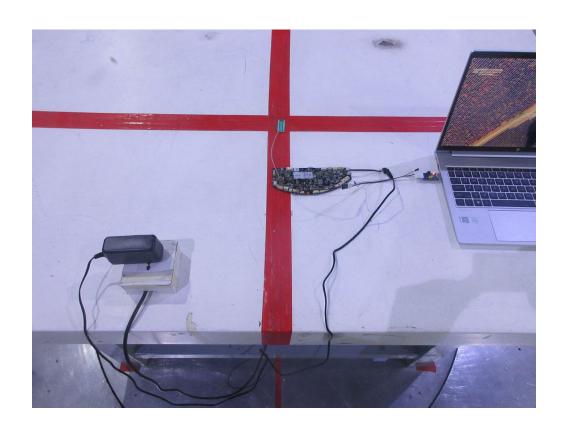




Conducted Test Photos



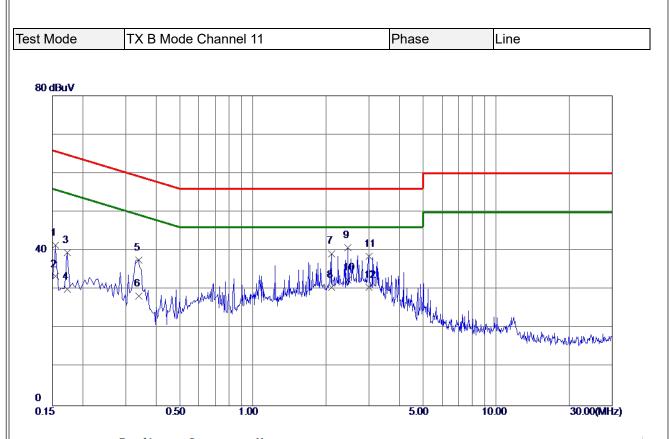






APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS



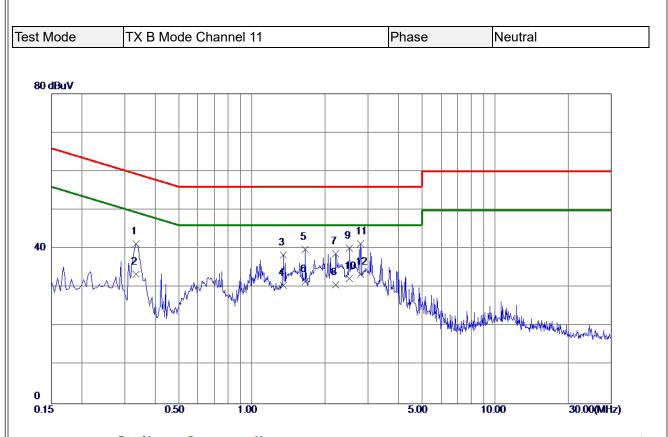


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1545	31.72	9.66	41.38	65.75	-24. 37	QP	
2	0.1545	23.70	9.66	33. 36	55.75	-22. 39	AVG	
3	0.1725	29.91	9.67	39. 58	64.84	-25. 26	QP	
4	0.1725	20.40	9.67	30.07	54.84	-24.77	AVG	
5	0. 3390	27.93	9.73	37.66	59. 23	-21. 57	QP	
6	0.3390	18.60	9.73	28.33	49.23	-20. 90	AVG	
7	2. 1030	29.38	9.90	39.28	56.00	-16. 72	QP	
8	2.1030	20.70	9.90	30.60	46.00	-15. 40	AVG	
9	2.4630	30.82	9.93	40.75	56.00	-15.25	QP	
10 *	2.4630	22.60	9.93	32. 53	46.00	-13. 47	AVG	
11	2.9985	28.52	9.97	38. 49	56.00	-17. 51	QP	
12	2.9985	20.60	9.97	30. 57	46.00	-15. 43	AVG	
12	2.9985	20.60	9.97	30. 57	46.00	-15.43	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value Limit Value.





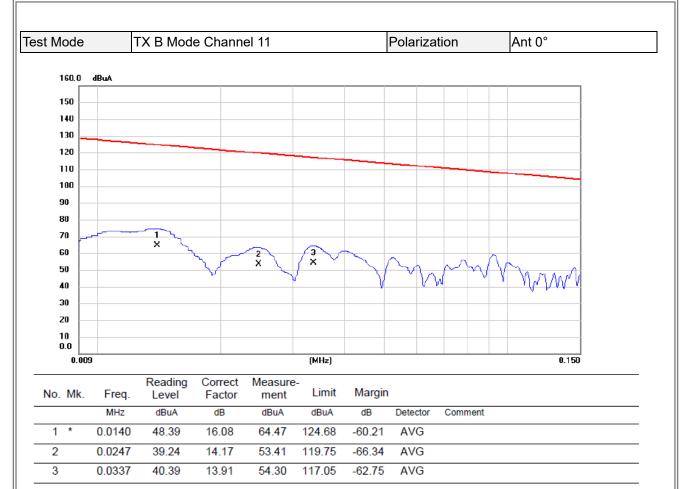
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.3345	31.52	9.77	41.29	59.34	-18. 0 5	QP	
2	0.3345	23.60	9.77	33. 37	49.34	-15. 9 7	AVG	
3	1.3515	28.51	9.88	38. 39	56.00	-17.61	QP	
4	1.3515	20.70	9.88	30. 58	46.00	-15.42	AVG	
5	1.6575	29.90	9.90	39.80	56.00	-16. 20	QP	
6	1.6575	21.58	9.90	31.48	46.00	-14. 52	AVG	
7	2.2155	28.81	9.94	38.75	56.00	-17.25	QP	
8	2.2155	20.79	9.94	30.73	46.00	-15.27	AVG	
9	2.5125	30.26	9.96	40.22	56.00	-15.78	QP	
10	2.5125	22. 40	9.96	32.36	46.00	-13. 64	AVG	
11	2.8050	31.29	9.98	41.27	56.00	-14.73	QP	
12 *	2.8050	23. 41	9.98	33. 39	46.00	-12.61	AVG	

REMARKS:

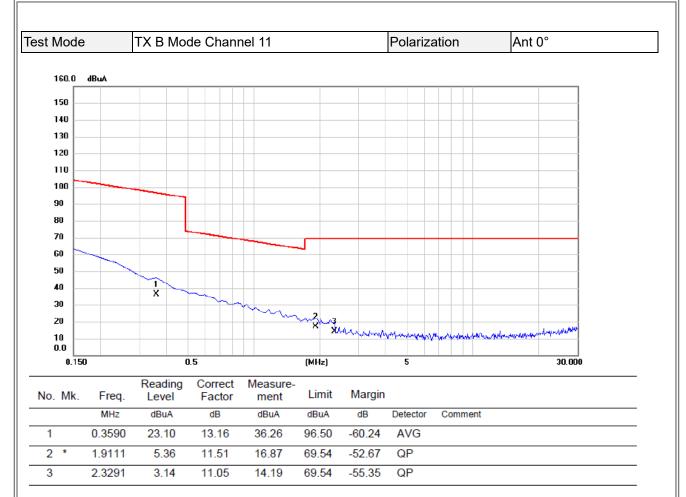
- Measurement Value = Reading Level + Correct Factor.
 Margin Level = Measurement Value Limit Value.



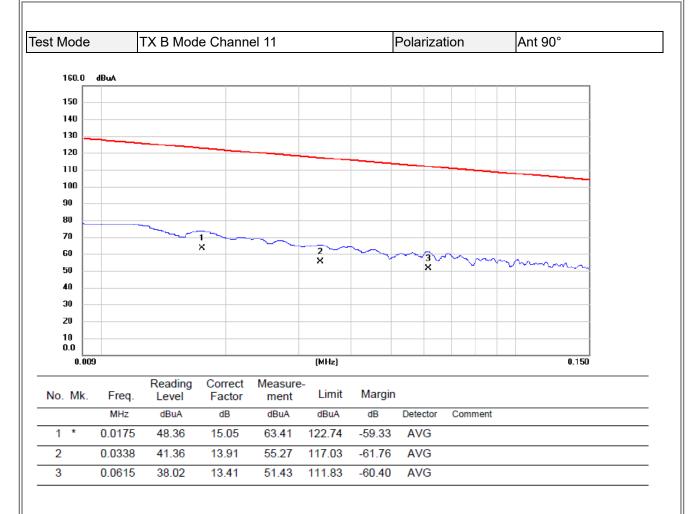
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ



- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.

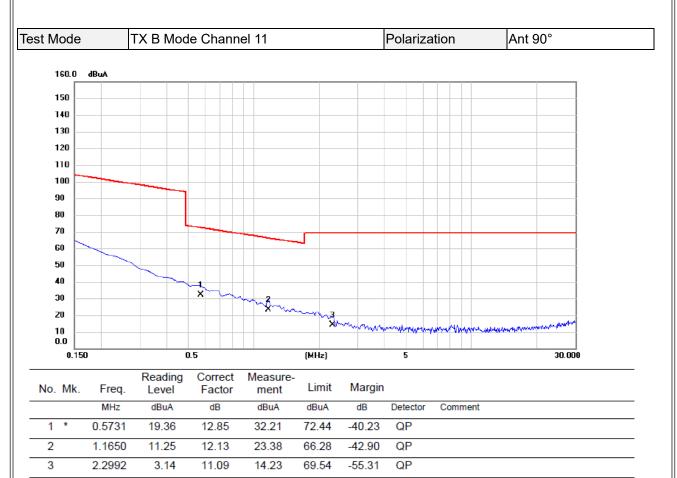


- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.

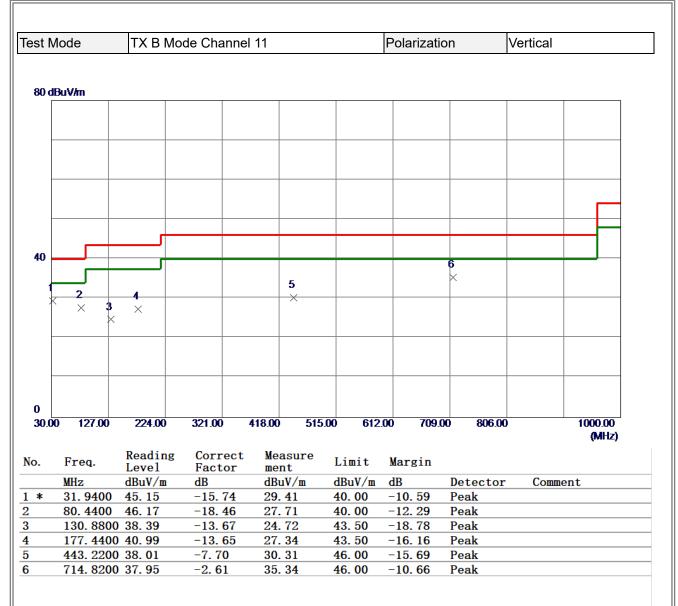




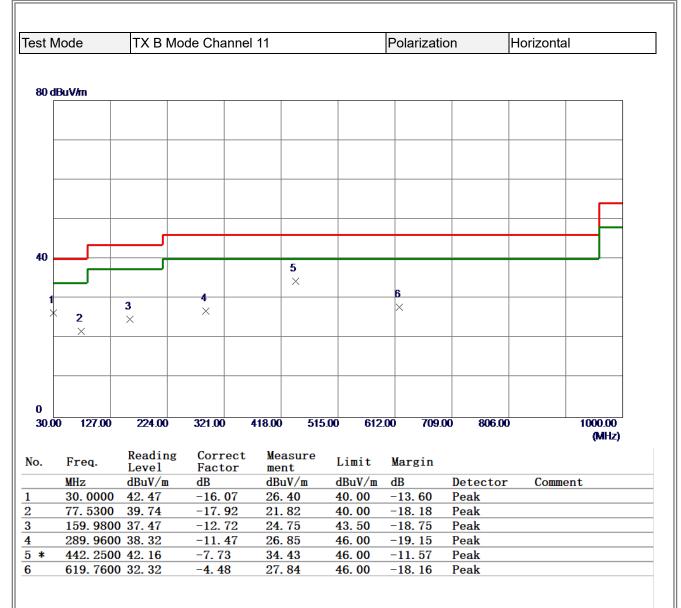
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ



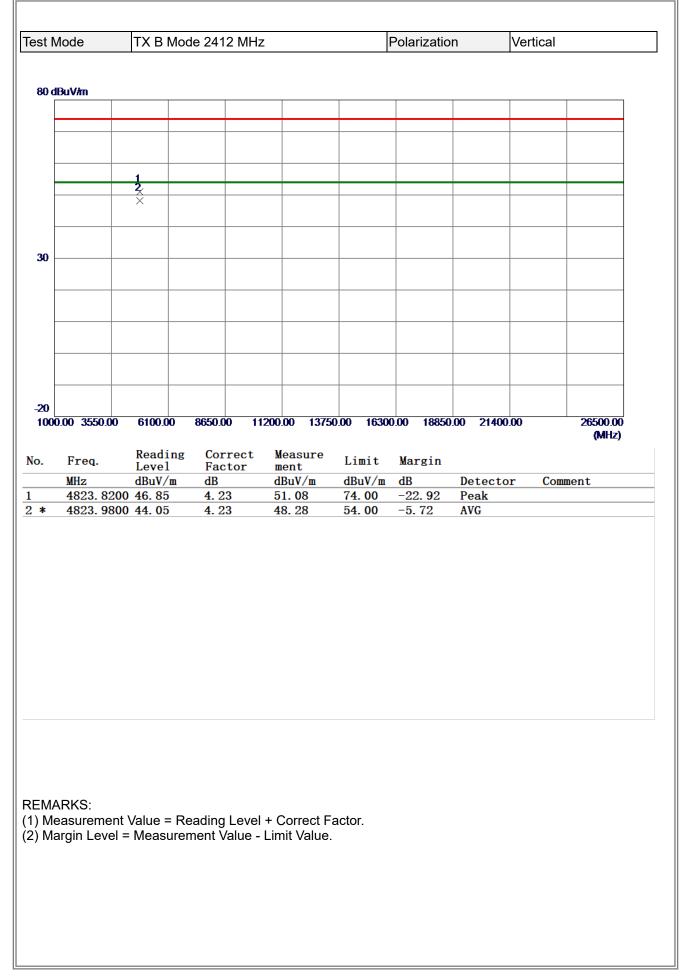
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.

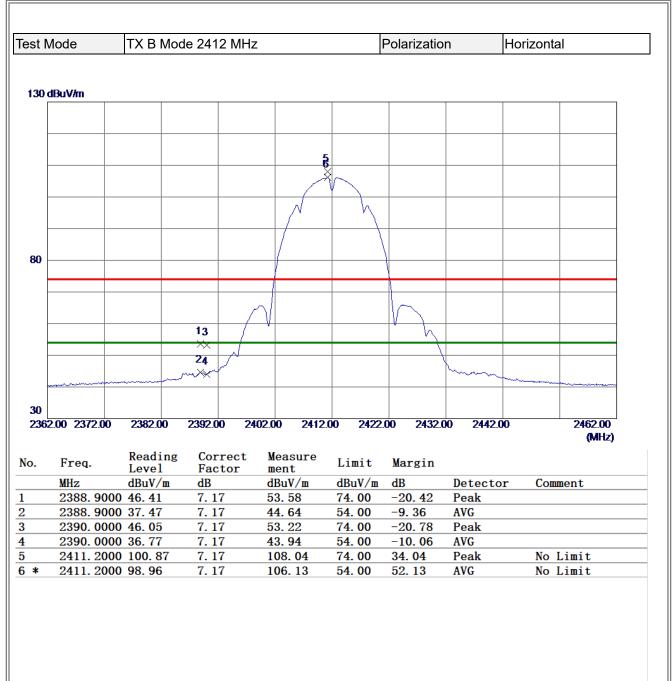


- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



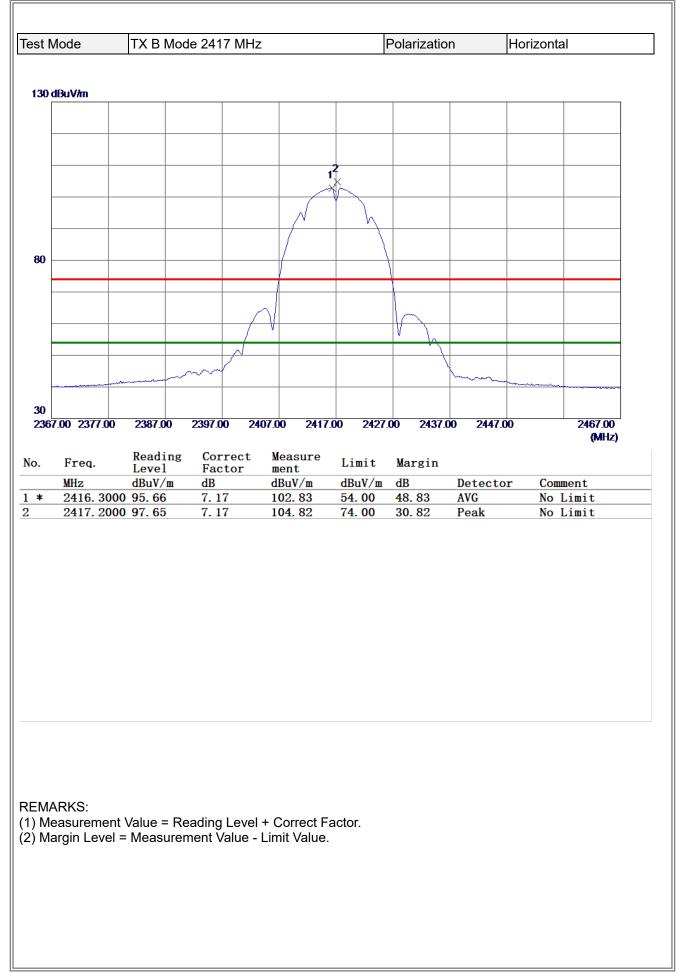
APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ



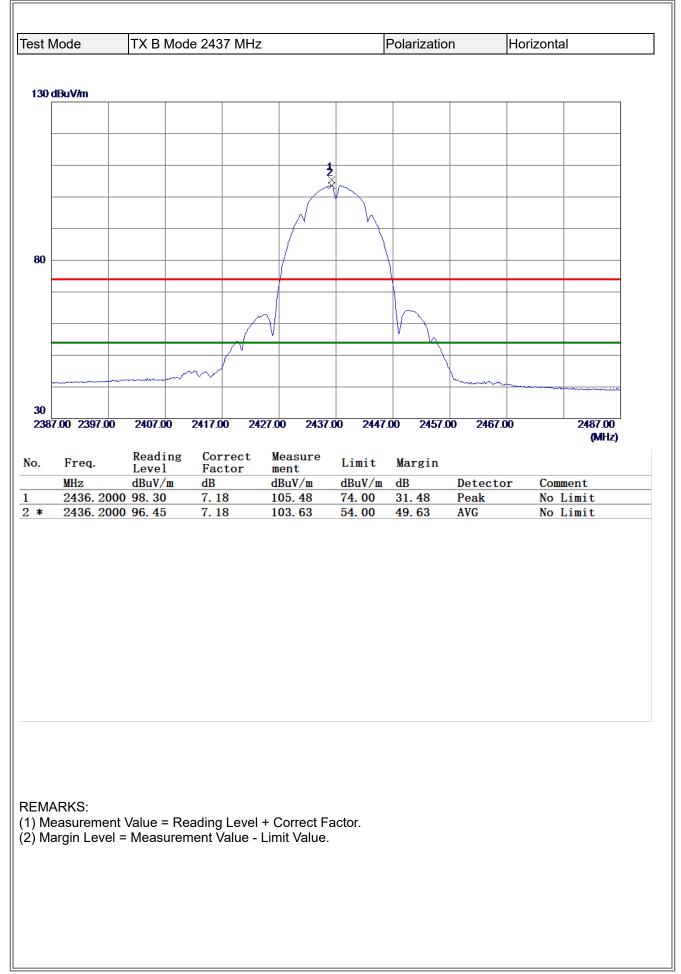


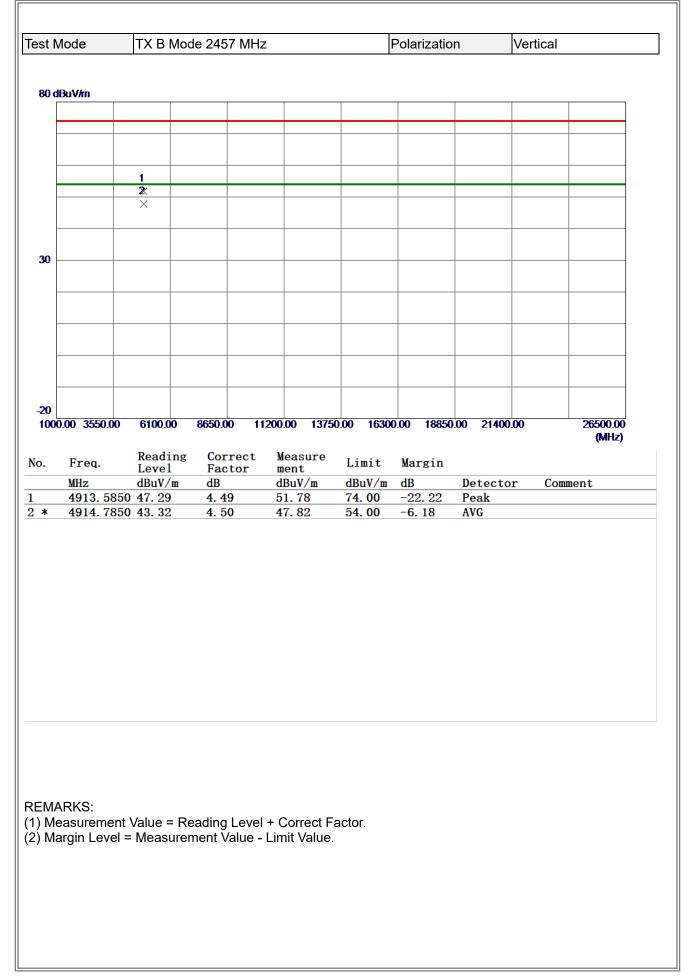
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.

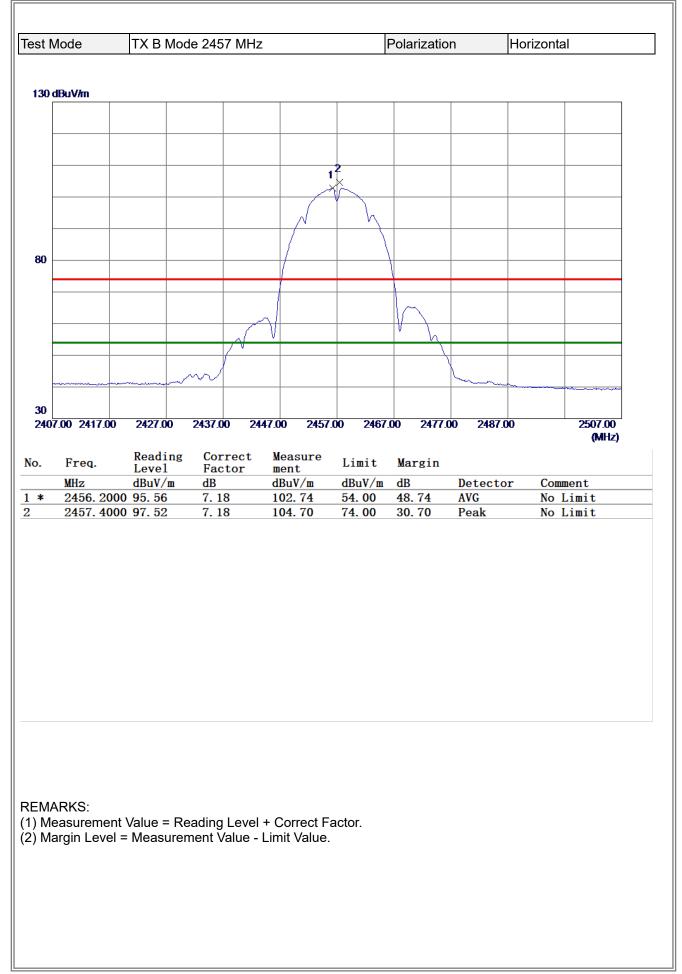
5311	Node	TX B Mo	ode 2417 MH	Z		Polarizatio	n	Vertical	
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		2 1							
		X							
30									
~~									
-20 100	0.00 3550.00) 6100.00	8650.00 1	1200.00 13750).00 16300	0.00 18850	0.00 21400	.00	26500.00
									(MHz)
o .	Freq.	Reading	Correct	Measure	Limit	N ;			
	-				гішіг	Margin			
	MHz	Level dBuV/m	Factor dB	 dBuV/m		Margin dB	Detecto	or Con	ment
		dBuV/m 00 42.83	dB 4. 26	dBuV/m 47.09	dBuV/m 54.00	dB -6. 91	Detecto AVG	or Con	ment
	4833. 91	dBuV/m	dB	dBuV/m	dBuV/m	dB		or Con	ment
. *	4833. 91	dBuV/m 00 42.83	dB 4. 26	dBuV/m 47.09	dBuV/m 54.00	dB -6. 91	AVG	or Con	ment



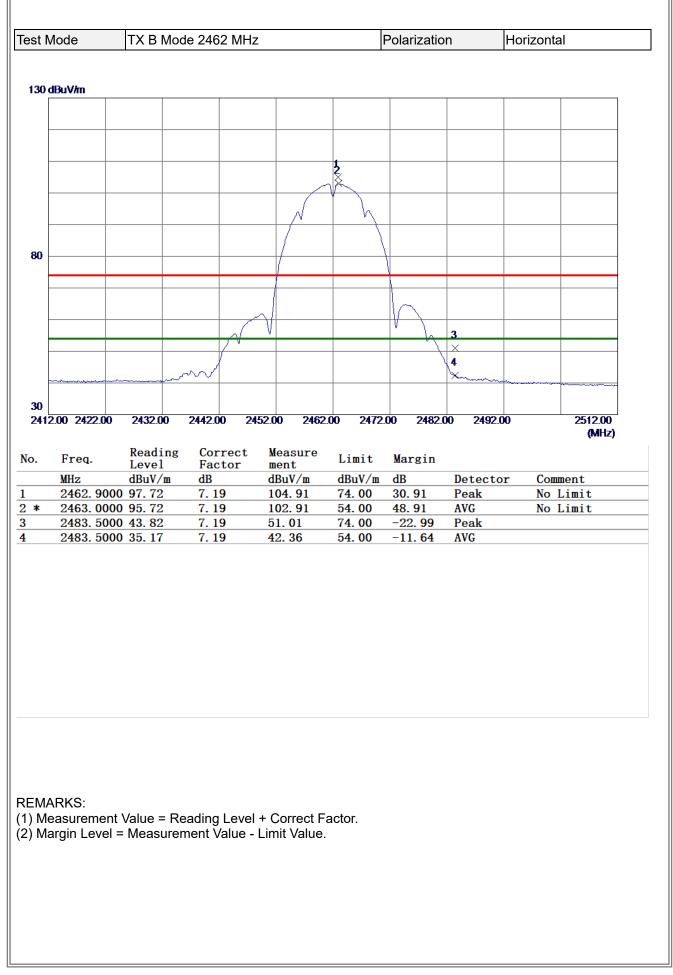
1 1 1 1 20 X	2 2 30 2 30 <th>est N</th> <th>Node</th> <th>TX B I</th> <th>Node 243</th> <th>87 MHz</th> <th></th> <th></th> <th>Polarizatic</th> <th>n</th> <th>Vertical</th> <th></th>	est N	Node	TX B I	Node 243	87 MHz			Polarizatic	n	Vertical	
1 1 2 1 X 1 X 1 1 1 1 1 2 1 X 1 1 1	1 1 2 1 X 1											
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2 X Image: Contract Measure Limit Margin MHz dBUV/m dB dBUV/m dB Detector Comment	2 X Image: Content Measure Limit Margin MHz dBUV/m dB dBUV/m dB Detector Comment 4874.0600 46.47 4.38 50.85 74.00 -23.15 Peak											
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30	30											
-20 -	-20 -20 -20 -20 -20 -20 -20 -20			×								
-20 -	-20 -20 -20 -20 -20 -20 -20 -20											
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MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment 4874.0600 46.47 4.38 50.85 74.00 -23.15 Peak	MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment 4874.0600 46.47 4.38 50.85 74.00 -23.15 Peak					JU 112	200.00 1373					(MHZ)
		о.	Freq.	Readi	ng Con	rect	Measure		Margin			(MHZ)
* 4874.7700 42.14 4.38 46.52 54.00 -7.48 AVG	* 4874.7700 42.14 4.38 46.52 54.00 -7.48 AVG	0.		Level	Fac	rect	Measure ment	Limit		Detecto	or Co	
			MHz 4874.06	Level dBuV/1 500 46.47	Fac m dB 4.3	crect ctor	Measure ment dBuV/m 50.85	Limit dBuV/m 74.00	dB −23. 15	Peak	or Co	
			MHz 4874.06	Level dBuV/1 500 46.47	Fac m dB 4.3	crect ctor	Measure ment dBuV/m 50.85	Limit dBuV/m 74.00	dB −23. 15	Peak	or Co	
			MHz 4874.06	Level dBuV/1 500 46.47	Fac m dB 4.3	crect ctor	Measure ment dBuV/m 50.85	Limit dBuV/m 74.00	dB −23. 15	Peak	or Co	
			MHz 4874.06	Level dBuV/1 500 46.47	Fac m dB 4.3	crect ctor	Measure ment dBuV/m 50.85	Limit dBuV/m 74.00	dB −23. 15	Peak	or Co	
		. *	MHz 4874.06 4874.77	Level dBuV/1 500 46.47	Fac m dB 4.3	crect ctor	Measure ment dBuV/m 50.85	Limit dBuV/m 74.00	dB −23. 15	Peak	or Co	
	EMARKS:	* EM/	MHz 4874.06 4874.77	Level dBuV/n 500 46. 47 700 42. 14	Fac m dB 4.3 4.3	rrect tor 88 88	Measure ment dBuV/m 50.85 46.52	Limit dBuV/m 74.00 54.00	dB −23. 15	Peak	or Co	
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.	* EM4) M0	MHz 4874.06 4874.77	Level dBuV/n 500 46. 47 700 42. 14	Fac m dB 4.3 4.3 Reading	stevel -	Measure ment dBuV/m 50. 85 46. 52 + Correct F	Limit dBuV/m 74.00 54.00 state state actor.	dB −23. 15	Peak	or Co	
) Measurement Value = Reading Level + Correct Factor.		2 * 2 *	MHz 4874.06 4874.77	Level dBuV/n 500 46. 47 700 42. 14	Fac m dB 4.3 4.3 Reading	stevel -	Measure ment dBuV/m 50. 85 46. 52 + Correct F	Limit dBuV/m 74.00 54.00 state state actor.	dB −23. 15	Peak	or Co	
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.	1) M	MHz 4874.06 4874.77	Level dBuV/n 500 46. 47 700 42. 14	Fac m dB 4.3 4.3 Reading	stevel -	Measure ment dBuV/m 50. 85 46. 52 + Correct F	Limit dBuV/m 74.00 54.00 state state actor.	dB −23. 15	Peak	or Co	
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.	: 2 * 1) Mo	MHz 4874.06 4874.77	Level dBuV/n 500 46. 47 700 42. 14	Fac m dB 4.3 4.3 Reading	stevel -	Measure ment dBuV/m 50. 85 46. 52 + Correct F	Limit dBuV/m 74.00 54.00 state state actor.	dB −23. 15	Peak	or Co	
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.	: 2 * 1) Mo	MHz 4874.06 4874.77	Level dBuV/n 500 46. 47 700 42. 14	Fac m dB 4.3 4.3 Reading	stevel -	Measure ment dBuV/m 50. 85 46. 52 + Correct F	Limit dBuV/m 74.00 54.00 state of the state of the st	dB −23. 15	Peak	or Co	
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) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.	* ====================================	MHz 4874.06 4874.77	Level dBuV/n 500 46. 47 700 42. 14	Fac m dB 4.3 4.3 Reading	stevel -	Measure ment dBuV/m 50. 85 46. 52 + Correct F	Limit dBuV/m 74.00 54.00 state of the state of the st	dB −23. 15	Peak	or Co	



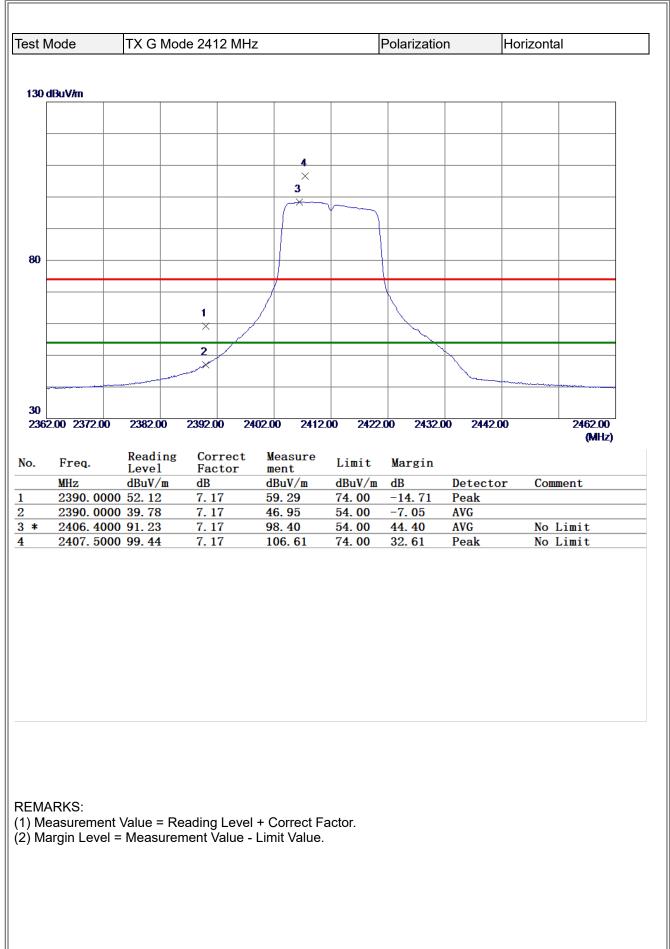




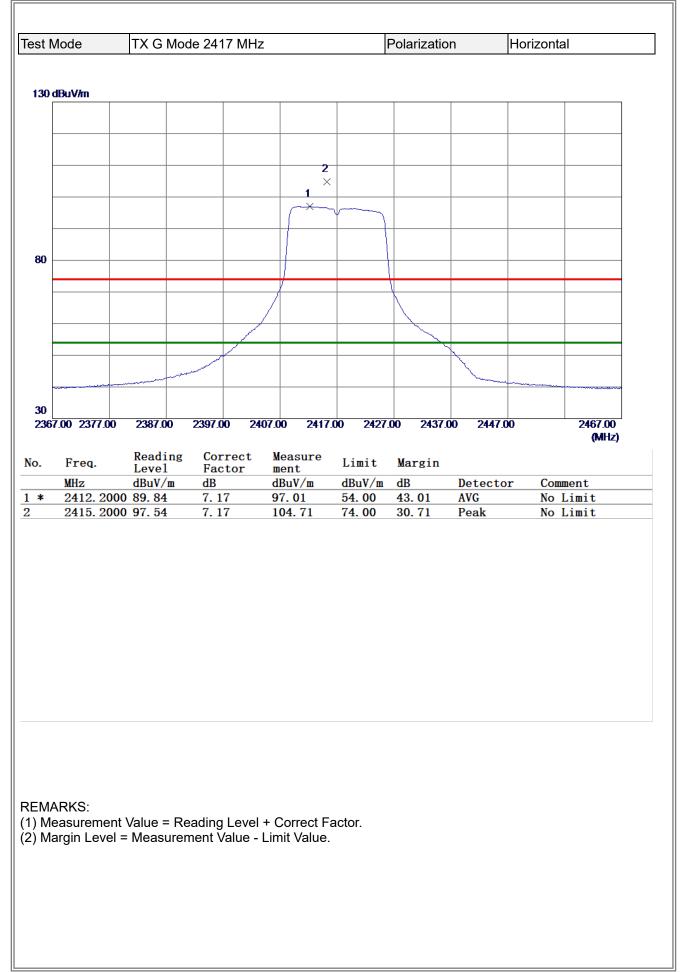
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4926. 39	950 47.30						



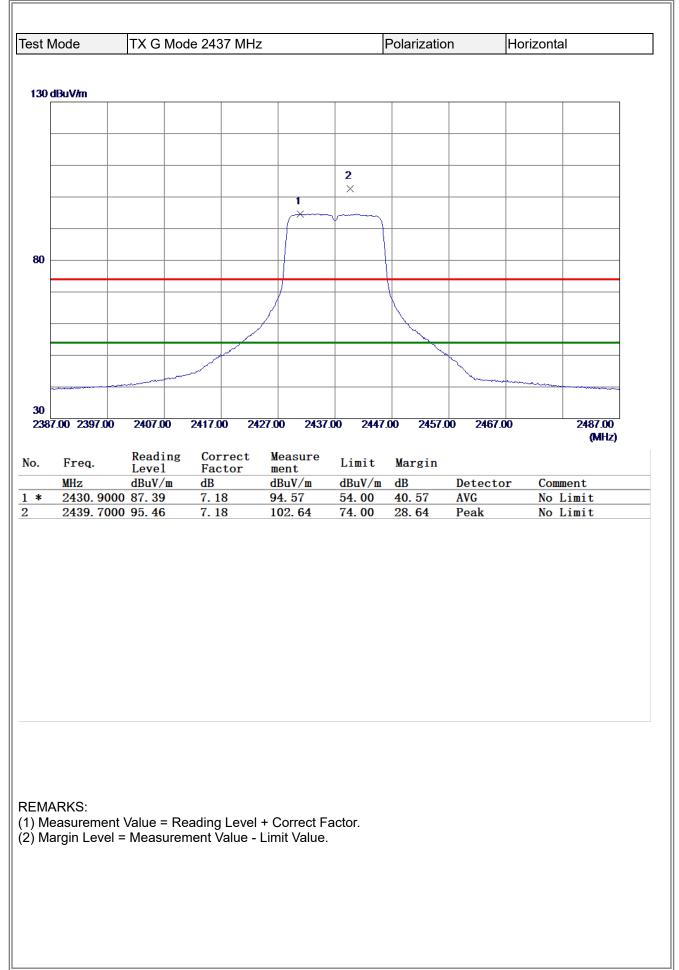
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o .	Freq.	Reading	Correct	Measure	Limit	Margin			
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	4825.134 4825.465	49 32.12							
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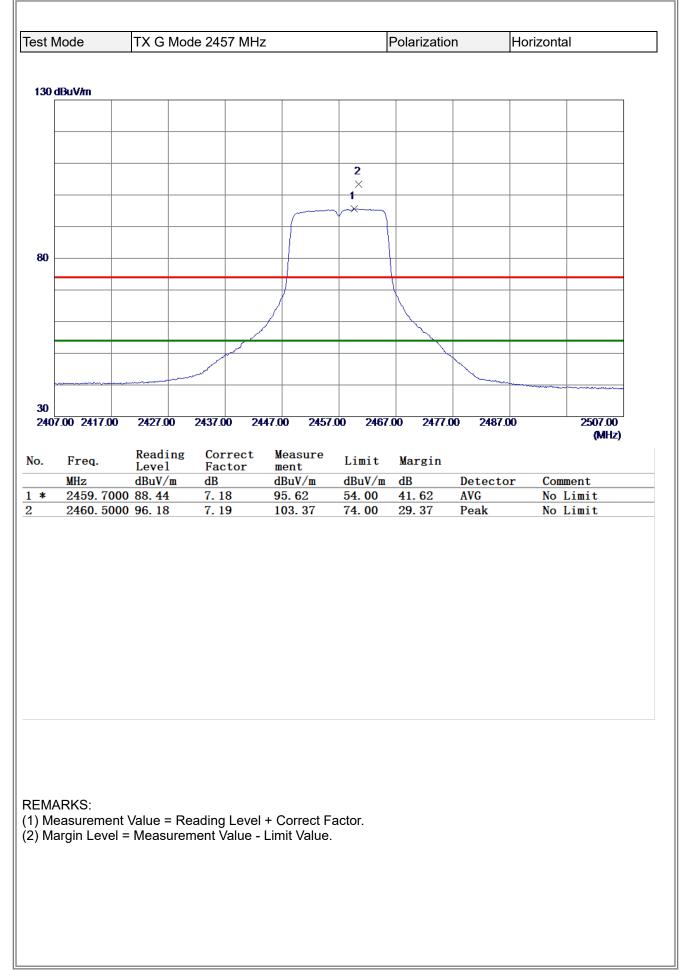
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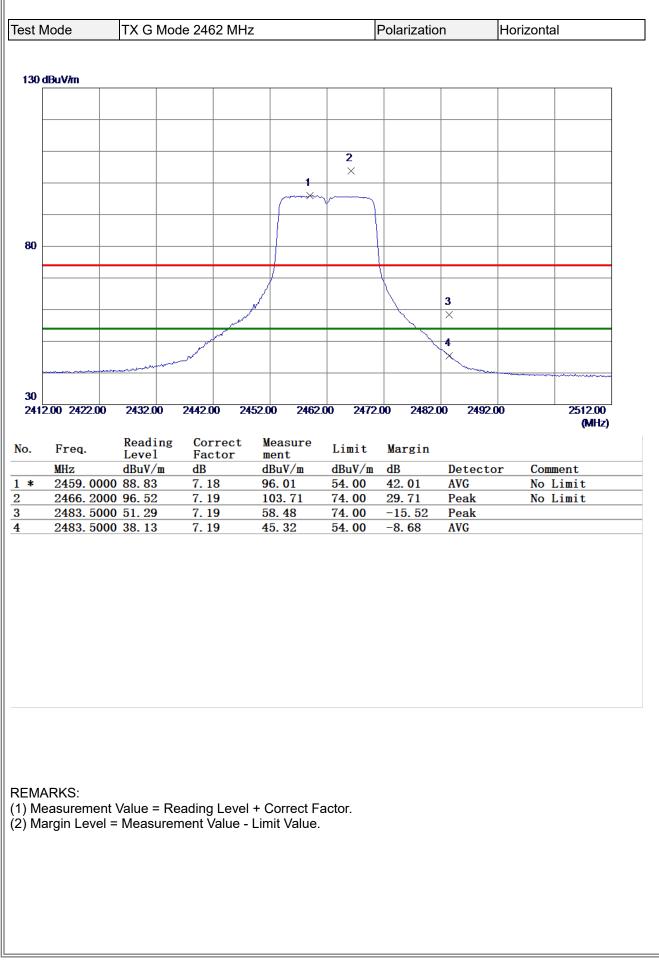
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MHz 4872	. 5050	Readi Level dBuV/	ng M	Corr Fact dB	or	Measu ment dBuV/	ıre m	Limit dBuV/m	dB				
MHz 4872	. 5050	Readi Level dBuV/ 43.78	ng M	Corr Fact dB 4.37	or	Measu ment dBuV/ 48.15	ıre m	Limit dBuV/m 74.00	dB -25.85		Peak		



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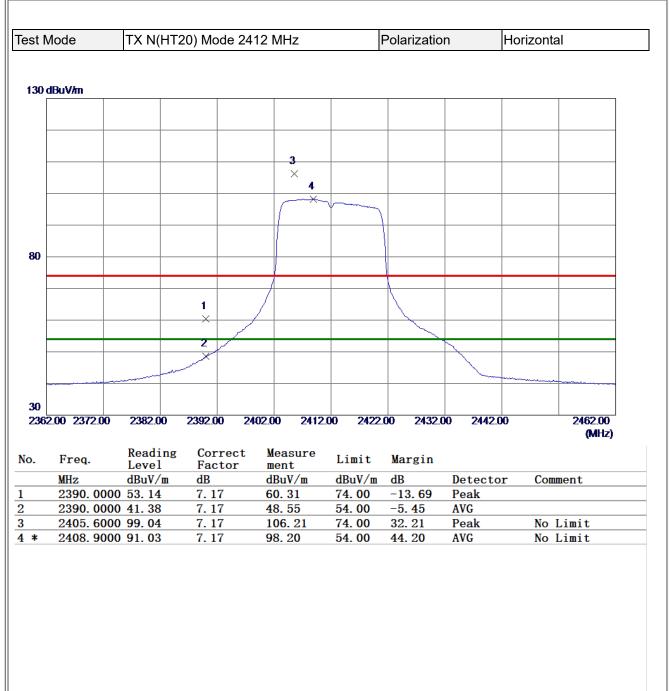


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*	MHz	Leve1 dBuV/i 00 33.18	Fa m dB 4.	ctor 52	ment dBuV/m	dBuV/m	dB		or Co	omment
*	MHz 4923.970	Leve1 dBuV/i 00 33.18	Fa m dB 4.	ctor 52	ment dBuV/m 37.70	dBuV/m 54.00	dB -16. 30	AVG	or Co	omment



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MHz ≰ 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz ≰ 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz * 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz * 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz ≰ 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
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MHz * 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz * 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz ≰ 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz * 4823.654	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
MHz ≰ 4823.654 4824.345	Level dBuV/m 19 33.95	Factor dB 4.23	ment dBuV/m 38.18	dBuV/m 54.00	dB -15.82	AVG	or Com	ment
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MHz * 4823.654	Leve1 dBuV/m 19 33. 95 50 44. 75	Factor dB 4.23 4.23 eading Leve	ment dBuV/m 38. 18 48. 98	dBuV/m 54.00 74.00	dB -15.82	AVG	or Com	ment
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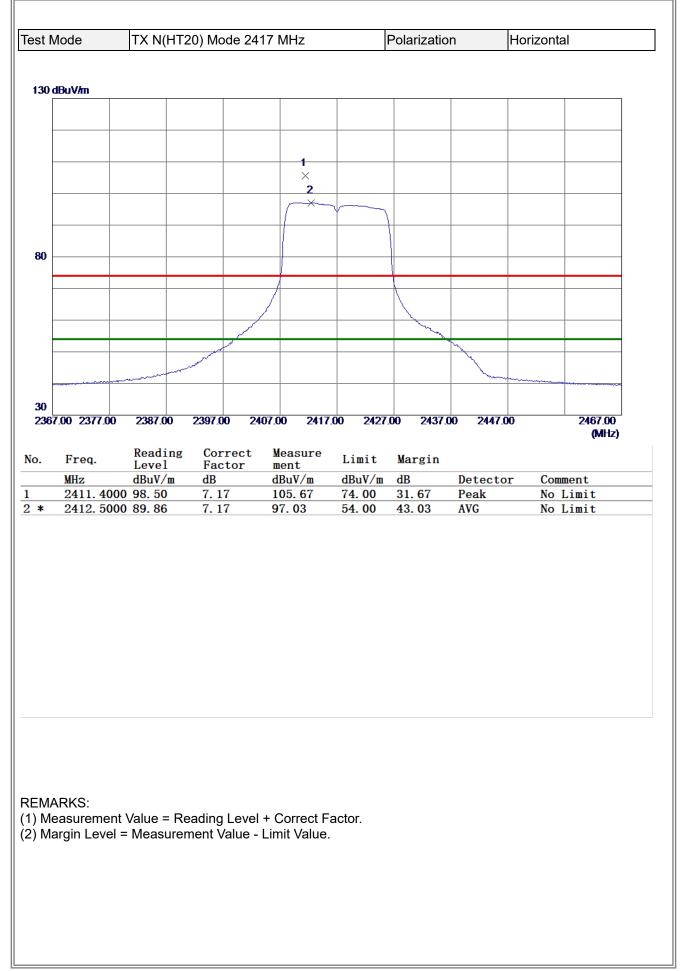


- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



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) Measurement Value = Reading Level + Correct Factor.	EMARKS:) Measurement Value = Reading Level + Correct Factor.) Margin Level = Measurement Value - Limit Value.	* EM4	MHz 4834. 990 4835. 235	Leve1 dBuV/ 00 33. 10 50 43. 23	E Readi	ng Le	r n d 3 4	nent IBuV/m 37.36 17.49 Correct F	dBuV/n 54.00 74.00	ı dB −16.64	De AV	/G	r Co	omment
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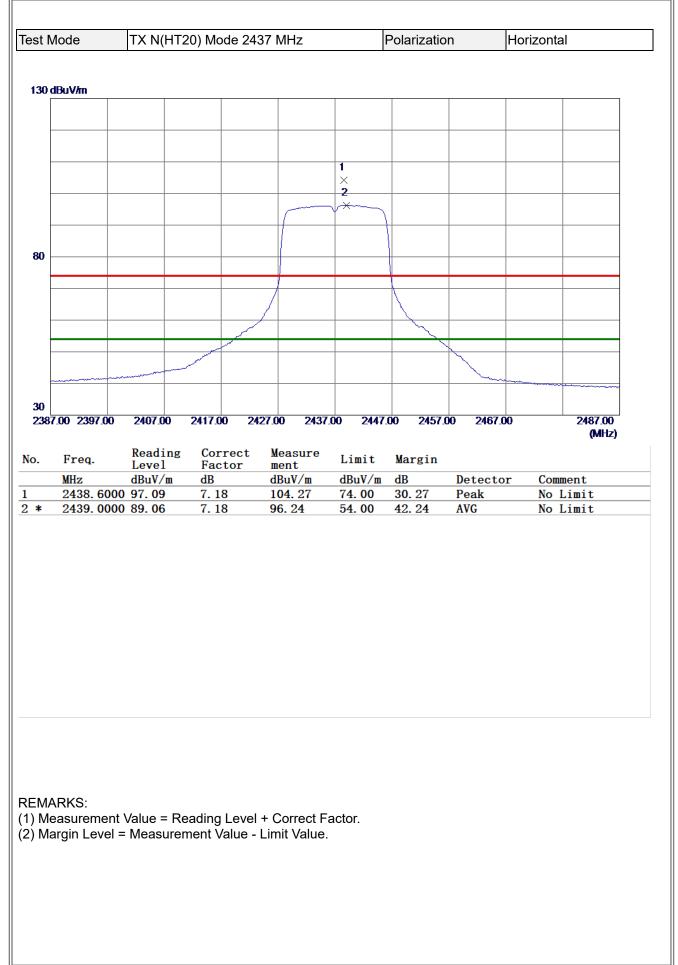






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			MHz 4874.215	Level dBuV/m 0 33.34	Factor dB 4.38	ment dBuV/m 37.72	dBuV/m 54.00	dB -16. 28	AVG	or Commen	t
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MARKS: Measurement Value = Reading Level + Correct Factor		*	MHz 4874.215 4874.350	Level dBuV/m 0 33. 34 0 43. 93	Factor dB 4. 38 4. 38	ment dBuV/m 37.72 48.31	dBuV/m 54.00 74.00	dB -16. 28	AVG	or Commen	t
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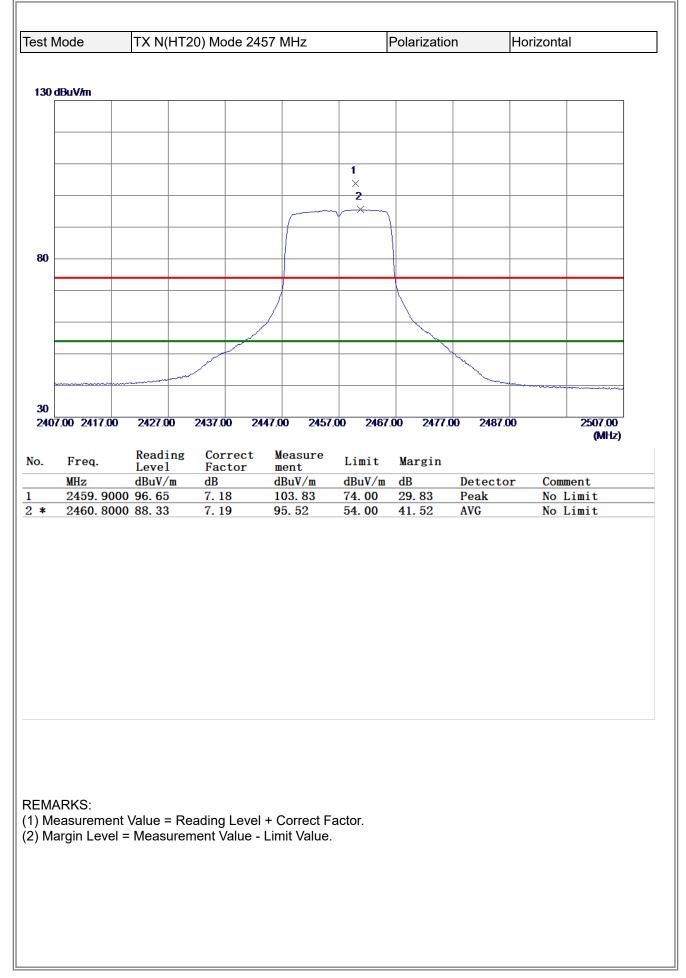






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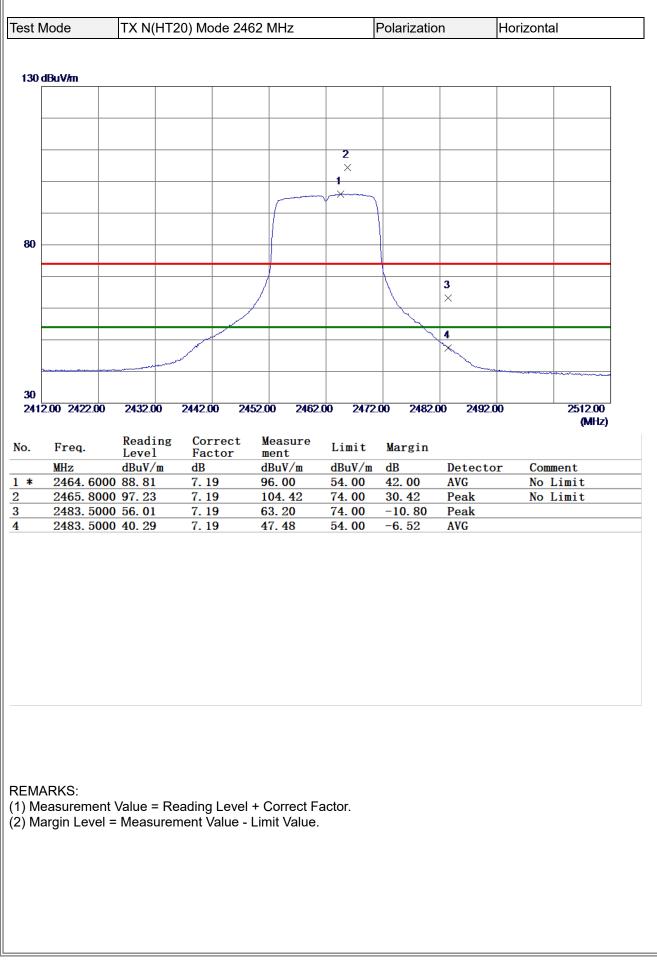
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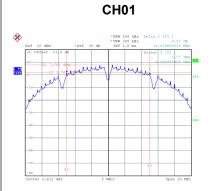




APPENDIX E - BANDWIDTH

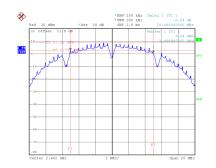


Test Mod	e TX E	3 Mode			
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	10.020	14.960	0.5	Complies
06	2437	10.100	14.960	0.5	Complies
11	2462	10.060	15.040	0.5	Complies

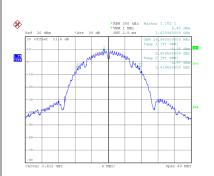




CH11

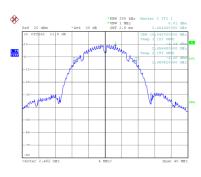


Date: 11.AUG.2022 14:37:45





Date: 11.AUG.2022 14:44:59



Date: 11.AUG.2022 14:38:05

Date: 11.AUG.2022 14:42:33

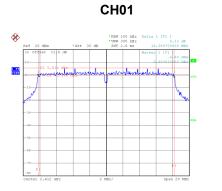
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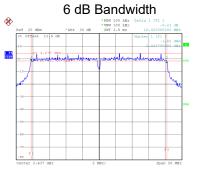
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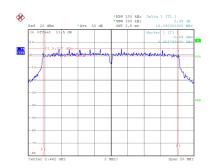
Test Mode	e TX (G Mode			
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.390	17.120	0.5	Complies
06	2437	16.420	17.040	0.5	Complies
11	2462	16.380	17.040	0.5	Complies

CH06

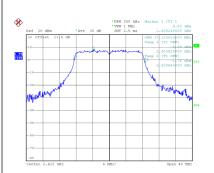




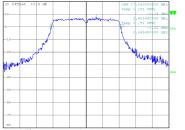
CH11



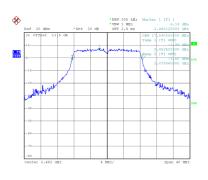
Date: 11.AUG.2022 15:21:13



99 % Occupied Bandwidth



Date: 11.AUG.2022 15:34:12



Date: 11.AUG.2022 15:21:29

Date: 11.AUG.2022 15:29:57

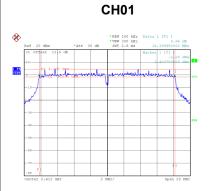
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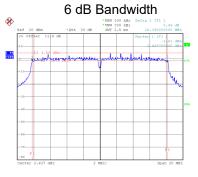
Date: 11.AUG.2022 15:34:20



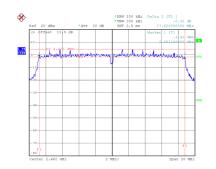
Test Mode	e TX N	N(HT20) Mode			
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.400	17.040	0.5	Complies
06	2437	16.390	17.040	0.5	Complies
11	2462	17.620	18.160	0.5	Complies

CH06

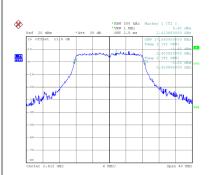




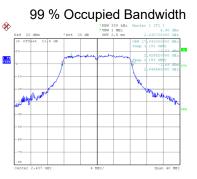
CH11



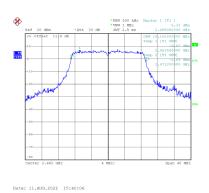
Date: 11.AUG.2022 15:36:05



Date: 11.AUG.2022 15:38:31



Date: 11.AUG.2022 15:39:58



Date: 11.AUG.2022 15:36:14

Date: 11.AUG.2022 15:38:39



APPENDIX F - MAXIMUM AVERAGE OUTPUT POWER



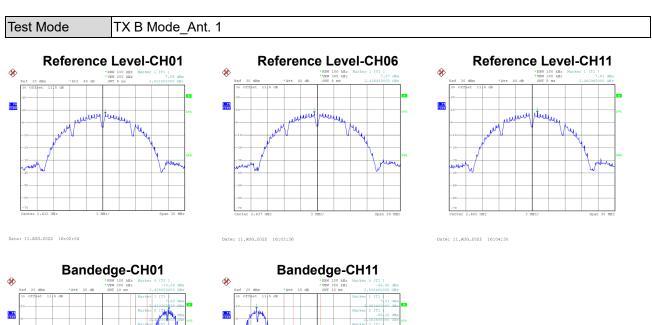
Test Mode	ТХ В М	ode_Ant. 1					
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.71	0.00	19.71	30.00	1.0000	Complies
06	2437	19.86	0.00	19.86	30.00	1.0000	Complies
11	2462	19.96	0.00	19.96	30.00	1.0000	Complies
Test Mode	TX G M	lode_Ant. 1					
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.87	0.20	16.07	30.00	1.0000	Complies
06	2437	16.08	0.20	16.28	30.00	1.0000	Complies
11	2462	15.93	0.20	16.13	30.00	1.0000	Complies
I							
Test Mode	TX N(H	T20) Mode_Ant	. 1				

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.03	0.18	16.21	30.00	1.0000	Complies
06	2437	15.92	0.18	16.10	30.00	1.0000	Complies
11	2462	15.88	0.18	16.06	30.00	1.0000	Complies



APPENDIX G - CONDUCTED SPURIOUS EMISSIONS



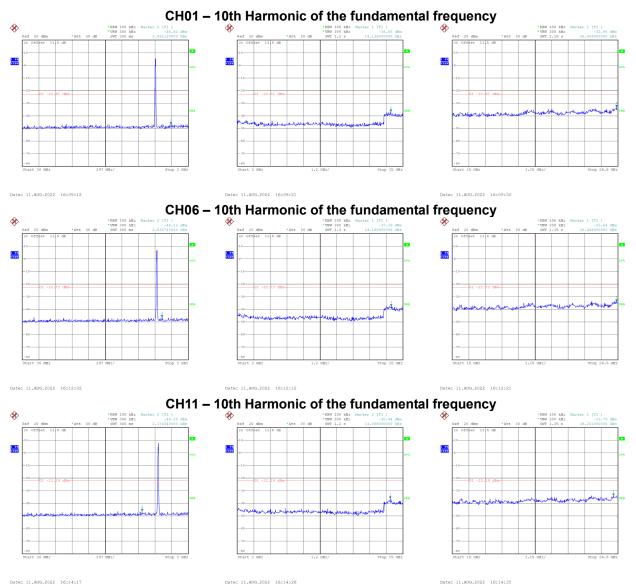


Date: 11.AUG.2022 16:13:36

Mhu

Date: 11.AUG.2022 16:08:15



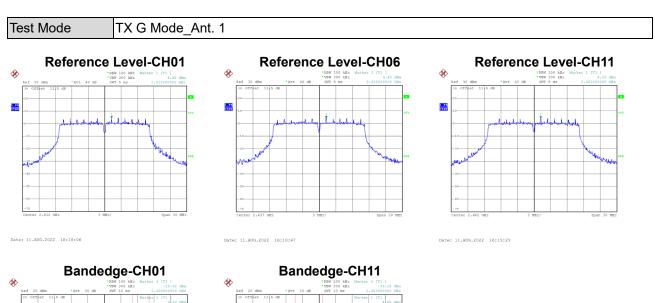


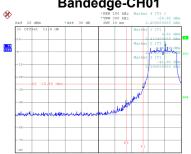
Date: 11.AUG.2022 16:14:17

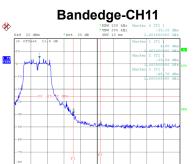
Date: 11.AUG.2022 16:14:26

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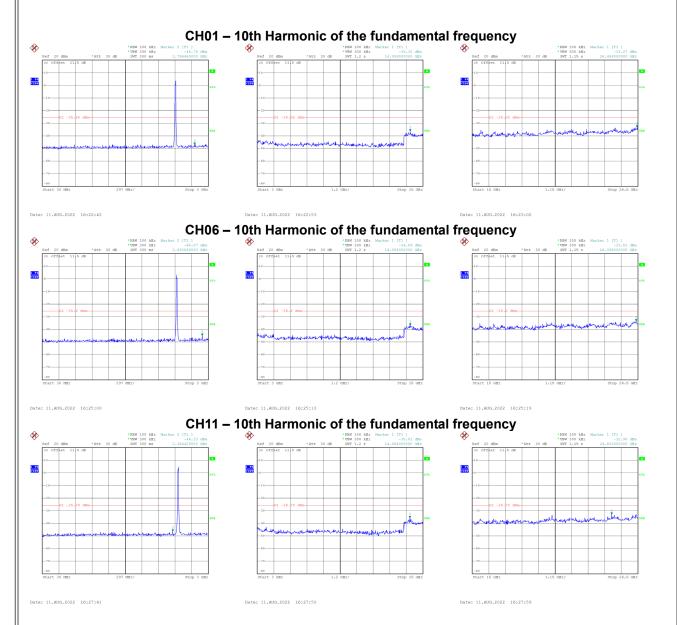




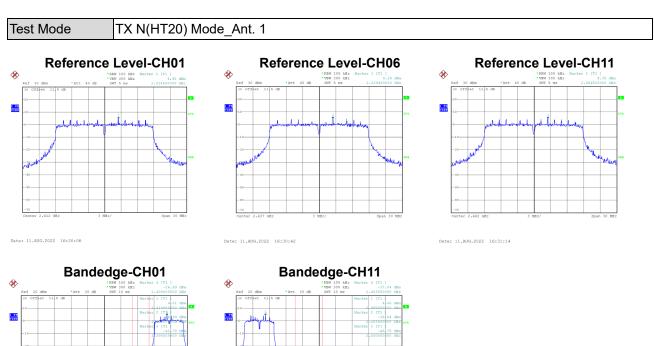
Date: 11.AUG.2022 16:21:54

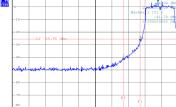
Date: 11.AUG.2022 16:26:39

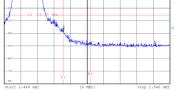








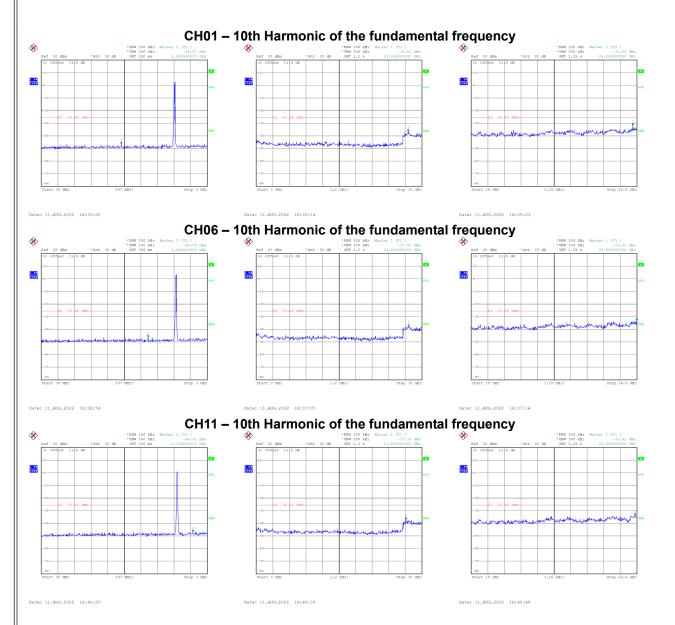




Date: 11.AUG.2022 16:34:15

Date: 11.AUG.2022 16:38:20



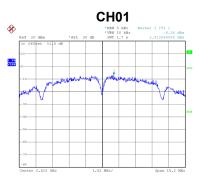


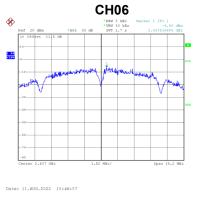


APPENDIX H - POWER SPECTRAL DENSITY



Test Mode	TX B Mode_Ant. 1			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-6.36	8.00	Complies
06	2437	-6.50	8.00	Complies
11	2462	-6.61	8.00	Complies

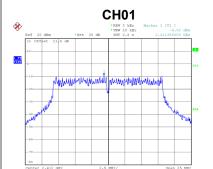


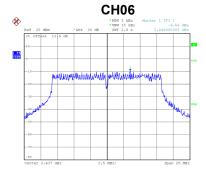


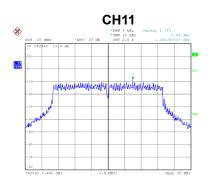


Test Mode TX G Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-9.02	8.00	Complies
06	2437	-9.56	8.00	Complies
11	2462	-7.84	8.00	Complies







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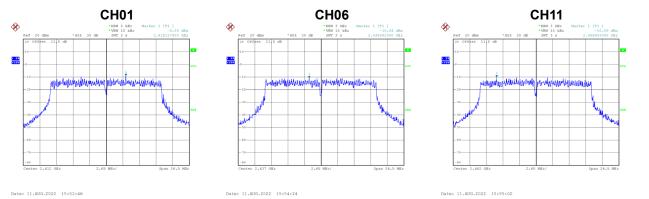
Date: 11.AUG.2022 15:44:53

Date: 11.AUG.2022 15:49:46

Date: 11.AUG.2022 15:50:53



Test Mode	TX N(HT20) Mode_/	Ant. 1		
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-9.08	8.00	Complies
06	2437	-10.94	8.00	Complies
11	2462	-10.09	8.00	Complies



Date: 11.AUG.2022 15:53:46

End of Test Report