

FCC Radio Test Report

FCC ID: V7TA27

This report concerns: Original Grant

Project No.	:	2108C113
Equipment	:	AX1800 Wi-Fi 6 Range Extender
Brand Name	:	Tenda
Test Model	:	A27
Series Model	:	N/A
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO., LTD.
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Date of Receipt	:	Aug. 12, 2021
Date of Test	:	Aug. 13, 2021 ~ Oct. 11, 2021
		Oct. 18, 2021
Issued Date	:	Oct. 18, 2021
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG202108137 for conducted, DG202108138
		for radiated.
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart C FCC KDB 558074 D01 15.247 Meas Guidance v05r02 FCC KDB 662911 D01 Multiple Transmitter Output v02r01 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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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 Version	Description	Issued Date
R00	Original Issue.	Oct. 12, 2021
R01	Added the data of simultaneous transmission.	Oct. 18, 2021

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 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, People's Republic of China. BTL's Test Firm 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	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.60

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
	CISPR	9kHz ~ 30MHz	-	3.02
		30MHz ~ 200MHz	V	4.36
		30MHz ~ 200MHz	Н	3.32
		200MHz ~ 1,000MHz	V	4.08
DG-CB03		200MHz ~ 1,000MHz	Н	3.96
		1GHz ~ 6GHz	I	3.80
		6GHz ~ 18GHz	I	4.82
		18GHz ~ 26.5GHz	I	3.62
		26.5GHz ~ 40GHz	-	4.00

C. Other Measurement:

Test Item	Uncertainty
Bandwidth	±3.8 %
Maximum 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	25°C	53%	AC 120V/60Hz AC 240V/50Hz	Laughing Zhang
Radiated Emissions-9kHz to 30 MHz	25°C	60%	AC 120V/60Hz	Laughing Zhang
Radiated Emissions-30MHz to 1000MHz	26°C	52%	AC 120V/60Hz	Hayden Chen
Radiated Emissions-Above 1000MHz	26°C	52%	AC 120V/60Hz	Hayden Chen
Bandwidth	23°C	52%	AC 120V/60Hz	Grani Zhou
Maximum Output Power	23°C	52%	AC 120V/60Hz	Grani Zhou
Conducted Spurious Emissions	23°C	52%	AC 120V/60Hz	Grani Zhou
Power Spectral Density	23°C	52%	AC 120V/60Hz	Grani Zhou



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AX1800 Wi-Fi 6 Range Extender
Brand Name	Tenda
Test Model	A27
Series Model	N/A
Model Difference(s)	N/A
Power Source	AC Mains.
Power Rating	100-240V~ 50/60Hz 0.4A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
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 300 Mbps IEEE 802.11ax: up to 573.6 Mbps
Maximum Peak Output Power _Non Beamforming	IEEE 802.11n(HT20): 28.40 dBm (0.6918 W)
Maximum Peak Output Power _Beamforming	IEEE 802.11n(HT20): 28.15 dBm (0.6531 W)
Maximum Average Output Power _Non Beamforming	IEEE 802.11n(HT20): 22.55 dBm (0.1799 W)
Maximum Average Output Power _Beamforming	IEEE 802.11n(HT20): 22.30 dBm (0.1698 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), IEEE 802.11ax(HE20)								
	CH03 - CH09 for IEEE 802.11n(HT40), IEEE 802.11ax(HE40)							
Channel	Channel Frequency (MHz) Channel Frequency (MHz) 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	Model Name	Antenna Type	Connector	Gain (dBi)
1	Tenda	N/A	Dipole	N/A	4.23
2	Tenda	N/A	Dipole	N/A	4.23

Note:

 This EUT supports CDD, and all antennas have the same gain, Directional gain = G_{ANT}+Array Gain. For power measurements, Array Gain=0dB (N_{ANT}≤4), so the Directional gain=4.23. For power spectral density measurements, N_{ANT}=2, N_{SS} = 1.

So the Directional gain= G_{ANT} +Array Gain= G_{ANT} +10log(N_{ANT} / N_{SS})dBi=4.23+10log(2/1)dBi=7.24. Then, the power spectral density limit is 8-(7.24-6)=6.76.

- 2) Beamforming Gain: 3 dB. So Directional gain=3+4.23=7.23. Then, output power limit is 30-(7.23-6)=28.77.
- 3) The antenna gain and beamforming gain are provided by the manufacturer.

4. Table for Antenna Configuration:

For Non Beamforming:

Operating Mode TX Mode	1TX	2ТХ
IEEE 802.11b	V (Ant. 1)	-
IEEE 802.11g	V (Ant. 1)	-
IEEE 802.11n(HT20)	-	V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)	-	V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)	-	V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)	-	V(Ant. 1 + Ant. 2)

For Beamforming:

Operating Mode TX Mode	2TX
IEEE 802.11n(HT20)	V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)	V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)	V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)	V(Ant. 1 + Ant. 2)

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 N(HT40) Mode Channel 03/06/09
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09
Mode 7	TX N(HT20) Mode Channel 06

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 7	TX N(HT20) Mode Channel 06	

Radiated emissions test - Below 1GHz		
Final Test Mode	Description	
Mode 7	TX N(HT20) Mode Channel 06	

Radiated emissions test- Above 1GHz_Non Beamforming			
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		
Mode 4	TX N(HT40) Mode Channel 03/06/09		
Mode 5	TX AX(HE20) Mode Channel 01/06/11		
Mode 6	TX AX(HE40) Mode Channel 03/06/09		



Г

Maximum Output Power test_Non Beamforming		
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	
Mode 4	TX N(HT40) Mode Channel 03/06/09	
Mode 5	TX AX(HE20) Mode Channel 01/06/11	
Mode 6	TX AX(HE40) Mode Channel 03/06/09	

Maximum Output Power test_Beamforming		
Final Test Mode	Description	
Mode 3	TX N(HT20) Mode Channel 01/06/11	
Mode 4	TX N(HT40) Mode Channel 03/06/09	
Mode 5	TX AX(HE20) Mode Channel 01/06/11	
Mode 6	TX AX(HE40) Mode Channel 03/06/09	

Other Conducted test_Non Beamforming			
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		
Mode 4	TX N(HT40) Mode Channel 03/06/09		
Mode 5	TX AX(HE20) Mode Channel 01/06/11		
Mode 6	TX AX(HE40) Mode Channel 03/06/09		



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 N(HT20) Mode Channel 06 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) The measurements for Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. The worst case is Non Beamforming and only the worst case is documented for other test items.
- (5) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
- (6) For radiated emissions, the TX WLAN 2.4G B Mode 2437MHz + WLAN 5G A Mode 5745MHz was found the worst case of simultaneous transmission and recorded.

Non Beamforming			
Test Software Version	accessMTool_REL_3_1_0_6		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	48	61	54
IEEE 802.11g	66	86	68
IEEE 802.11n(HT20)	67	85	72
IEEE 802.11ax(HE20)	54	80	58
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	52	68	70
IEEE 802.11ax(HE40)	53	63	69

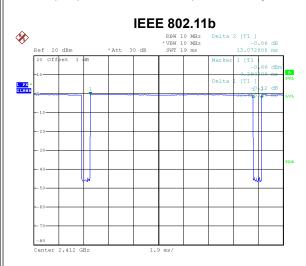
2.3 PARAMETERS OF TEST SOFTWARE

Beamforming			
Test Software Version	accessMTool_REL_3_1_0_6		
Frequency (MHz)	2412	2437	2462
IEEE 802.11n(HT20)	66	84	71
IEEE 802.11ax(HE20)	53	79	57
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	51	67	69
IEEE 802.11ax(HE40)	52	62	68



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.



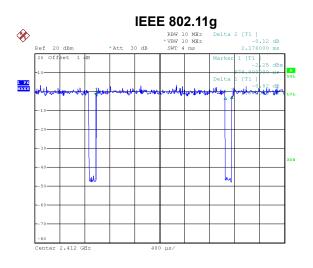
Date: 18.AUG.2021 10:26:49

Duty cycle = 12.426 ms / 13.072 ms = 95.06% Duty Factor = 10 log(1/Duty cycle) = 0.22

 Image: Construction of the state of the

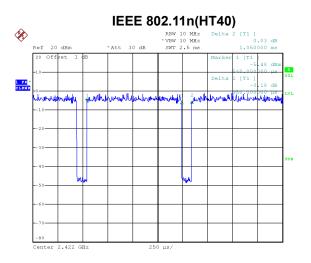
Date: 18.AUG.2021 10:29:19

Duty cycle = 1.928 ms / 2.024 ms = 95.26% Duty Factor = 10 log(1/Duty cycle) = 0.21



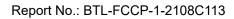
Date: 18.AUG.2021 10:27:54

Duty cycle = 2.072 ms / 2.176 ms = 95.22%Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.21$

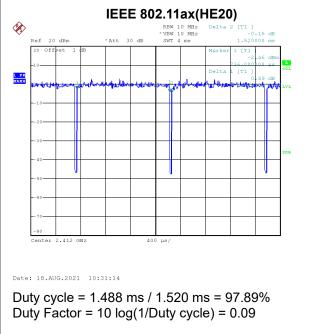


Date: 18.AUG.2021 10:30:06

Duty cycle = 0.950 ms / 1.050 ms = 90.48%Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.43$



<u>3TL</u>



EGE 802.11ac(HE40)

Duty cycle = 0.780 ms / 0.815 ms = 95.71%

Duty Factor = 10 log(1/Duty cycle) = 0.19

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 80 Hz.

Date: 18.AUG.2021 10:31:45

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 483 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 519 Hz.

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 1053 Hz.

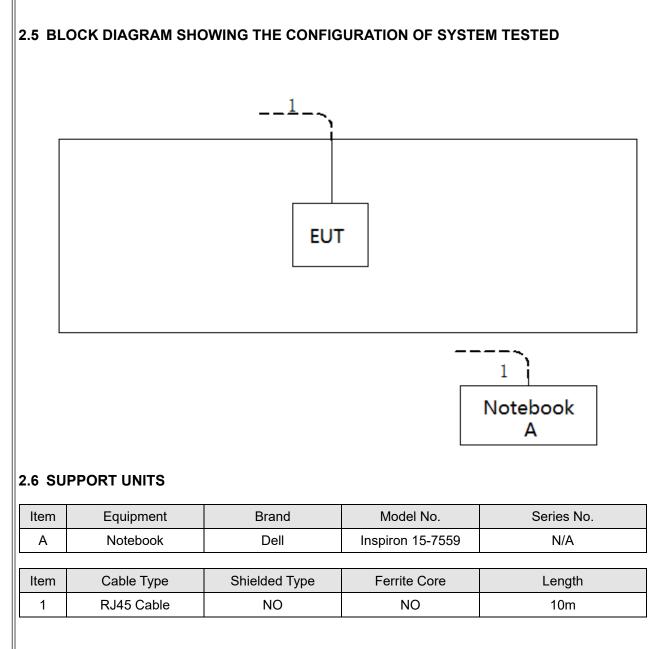
For IEEE 802.11ax(HE20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 672 Hz.

For IEEE 802.11ax(HE40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1282 Hz.







3. AC POWER LINE CONDUCTED EMISSIONS

3.1 LIMIT

Frequency of Emission (MUT)	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:

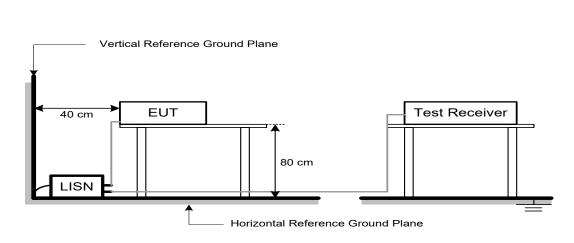
Receiver Parameters	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

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)	(dBuV/m at 3 m)		
	Frequency (Minz)	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 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 1 GHz)
- 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	uency 30 MHz~1000 MHz for QP detector	
Start ~ Stop Frequency 1 GHz~26.5 GHz for PK/AVG detector		

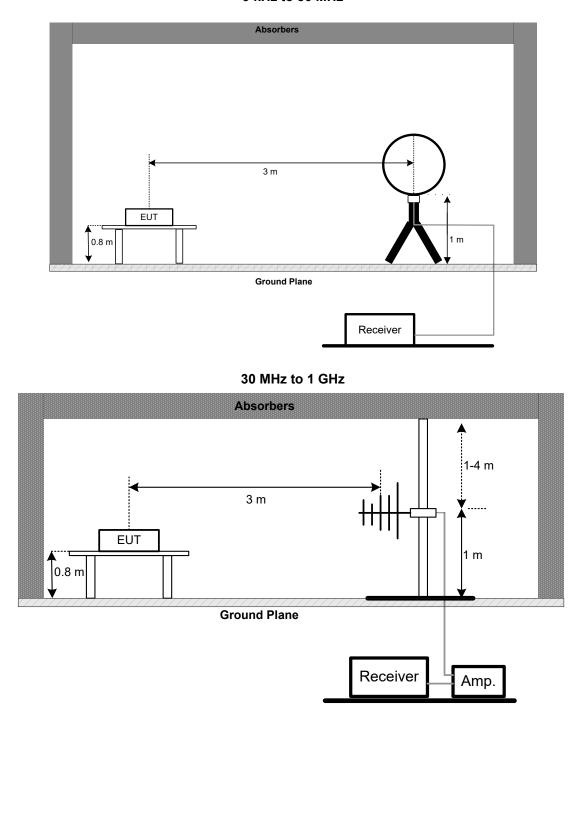


4.3 DEVIATION FROM TEST STANDARD

No deviation.

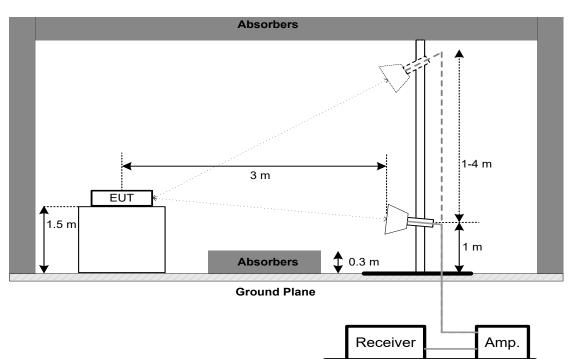
4.4 TEST SETUP

9 kHz to 30 MHz



<u>31L</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
FCC 15.247(a)(2)	6 dB Bandwidth	Minimum 500 kHz
	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:

Setting	
> Measurement Bandwidth	
100 kHz	
300 kHz	
Peak	
Max Hold	
Auto	

For 99% Emission Bandwidth:

Spectrum Parameters	Setting		
Span Frequency	Between 1.5 times and 5.0 times the OBW		
RBW	300 kHz For 20MHz 1 MHz For 40MHz		
VBW	1 MHz For 20MHz 3 MHz For 40MHz		
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 OUTPUT POWER

6.1 LIMIT

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

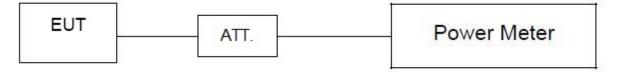
6.2 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b. The maximum conducted output power was performed in accordance with method 11.9.1.3 and 11.9.2.3.1 of ANSI C63.10-2013 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

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		

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)	Power Spectral Density	8 dBm
FCC 15.247(e)	Power Spectral Density	(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	25 MHz (20 MHz) / 60 MHz (40 MHz)		
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	Feb. 28, 2022
2	LISN	EMCO	3816/2	52765	Feb. 27, 2022
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 27, 2022
4	50Ω Terminator	SHX	TF5-3	15041305	Feb. 27, 2022
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 09, 2022
7	643 Shield Room	ETS	6*4*3m	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EM	EM-6876-1	230	Apr. 28, 2022
2	Cable	N/A	RG 213/U	N/A	May 27, 2022
3	EMI Test Receiver	R&S	ESCI	100895	Feb. 27, 2022
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chambe Room	RM	9*6*6m	N/A	Jul. 24, 2022

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. 15, 2022
2	Amplifier	HP	8447D	2944A08742	Feb. 28, 2022
3	Receiver	Agilent	N9038A	MY52130039	Mar. 19, 2022
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 20, 2022
5	Controller	СТ	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chambe Room	RM	9*6*6m	N/A	Jul. 24, 2022

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	May 10, 2022
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2022
3	Amplifier	Agilent	8449B	3008A02584	Jul. 10, 2022
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 28, 2022
5	Receiver	Agilent	N9038A	MY52130039	Mar. 19, 2022
6	Controller	СТ	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	N/A	EMC104-SM-SM-6 000	N/A	Oct. 15, 2022
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Filter	STI	STI15-9912	N/A	Jul. 10, 2022
11	966 Chambe Room	RM	9*6*6m	N/A	Jul. 24, 2022



Bandwidth & Conducted Spurious Emissions & Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 10, 2022	
2	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022	
3	RF Cable	Tongkaichuan	N/A	N/A	N/A	
4	DC Block	Mini	N/A	N/A	N/A	

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Jul. 10, 2022
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 10, 2022
3	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

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

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

30 MHz to 1 GHz

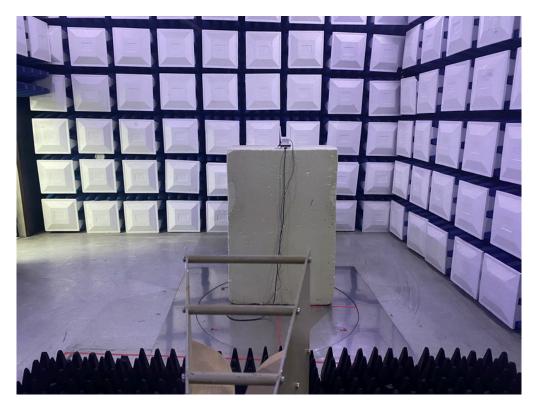


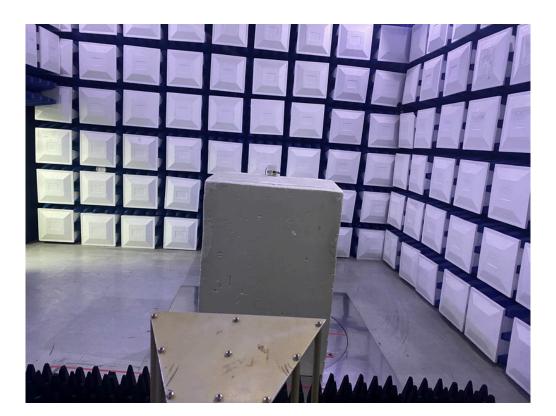




Radiated Emissions Test Photos

Above 1 GHz

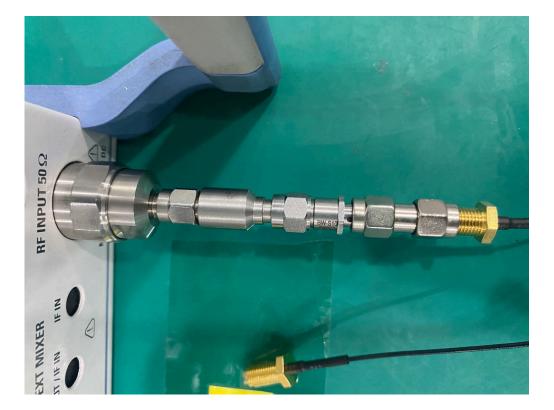






Conducted Test Photos

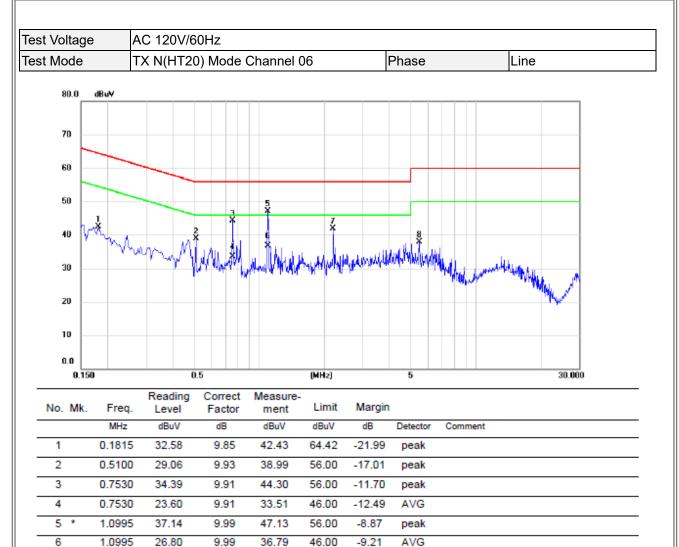






APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS





REMARKS:

7

8

2.1975

5.4780

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

31.88

27.69

10.06

10.31

41.94

38.00

56.00

60.00

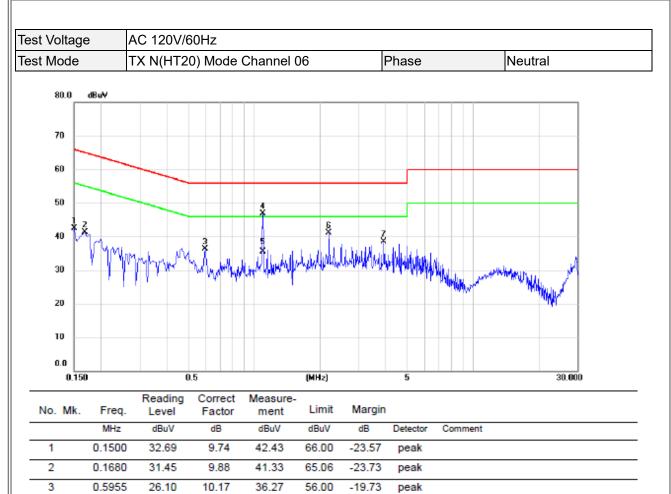
-14.06

-22.00

peak

peak





4 *

5

6

7

(1) Measurement Value = Reading Level + Correct Factor.

10.28

10.28

10.39

10.54

46.81

35.58

41.05

38.56

56.00

46.00

56.00

56.00

-9.19

-10.42

-14.95

-17.44

peak

AVG

peak

peak

1.0950

1.0950

2.1930

3.9120

36.53

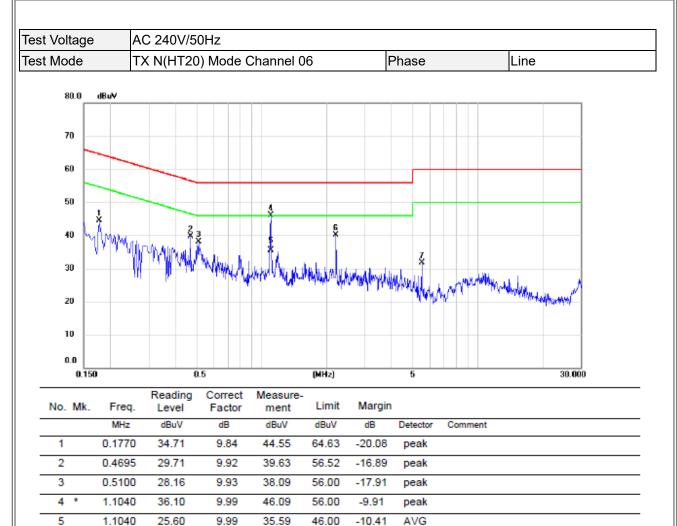
25.30

30.66

28.02

(2) Margin Level = Measurement Value - Limit Value.





-15.82

-28.33

peak

peak

56.00

60.00

REMARKS:

6

7

2.2065

5.5185

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

30.12

21.35

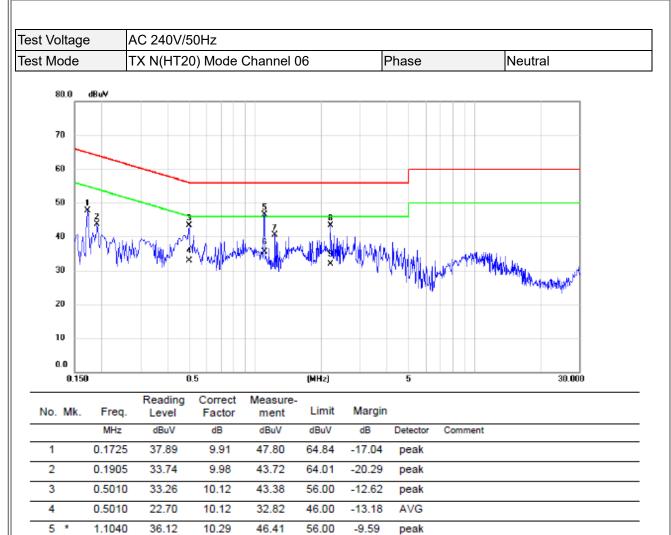
10.06

10.32

40.18

31.67





6

7

8

9

1.1040

1.2300

2.2020

2.2020

25.30

30.17

32.88

21.60

10.29

10.29

10.39

10.39

35.59

40.46

43.27

31.99

46.00

56.00

56.00

46.00

-10.41

-15.54

-12.73

-14.01

AVG peak

peak

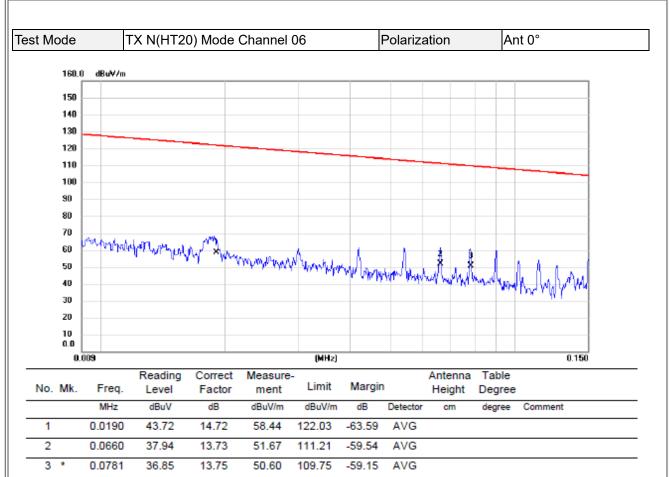
AVG

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



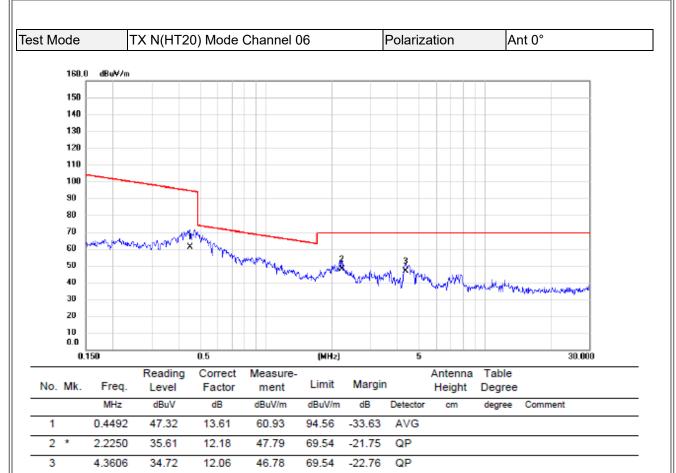
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ





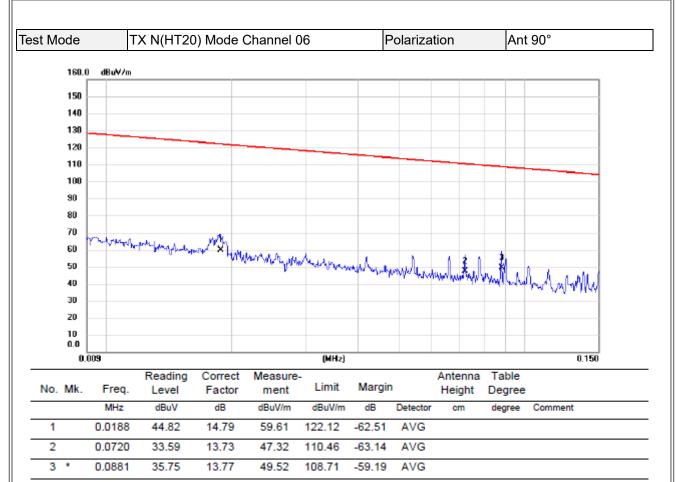
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





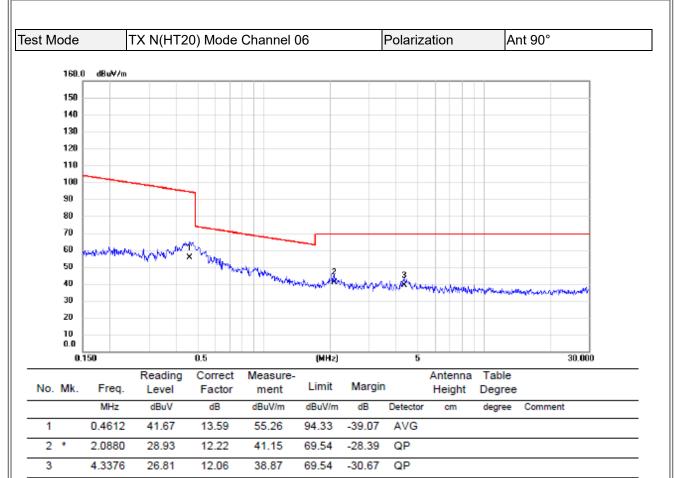
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





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

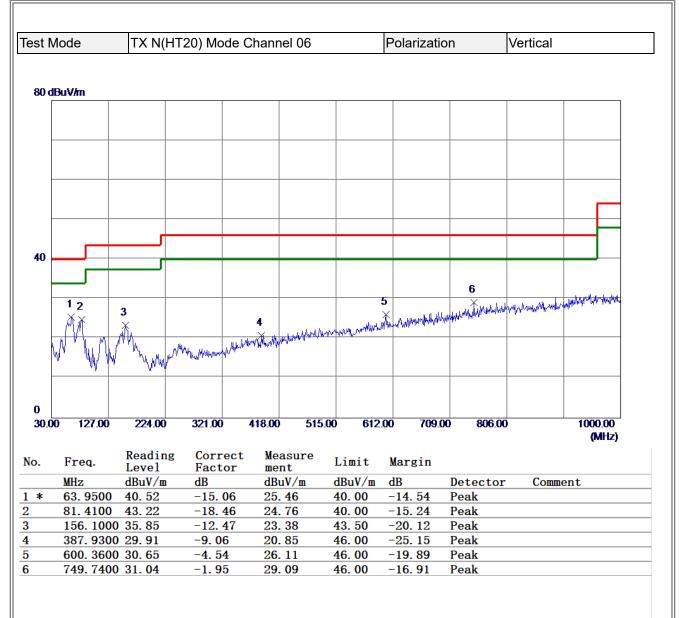




- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.

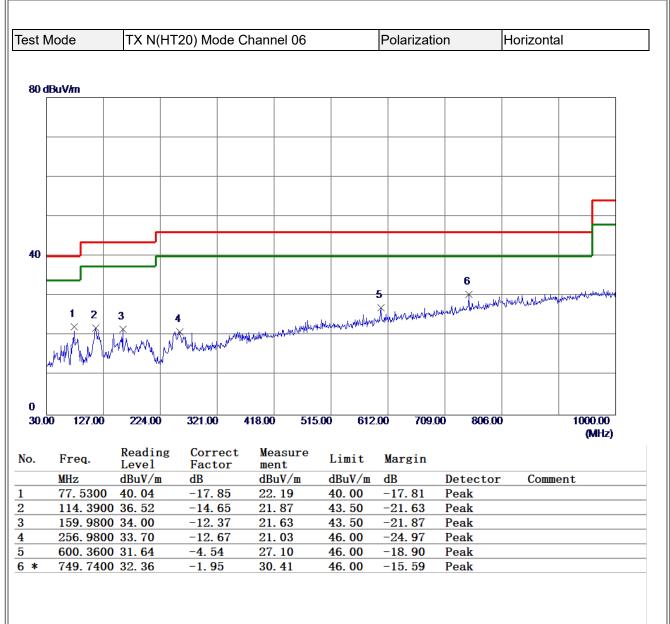


APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ



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

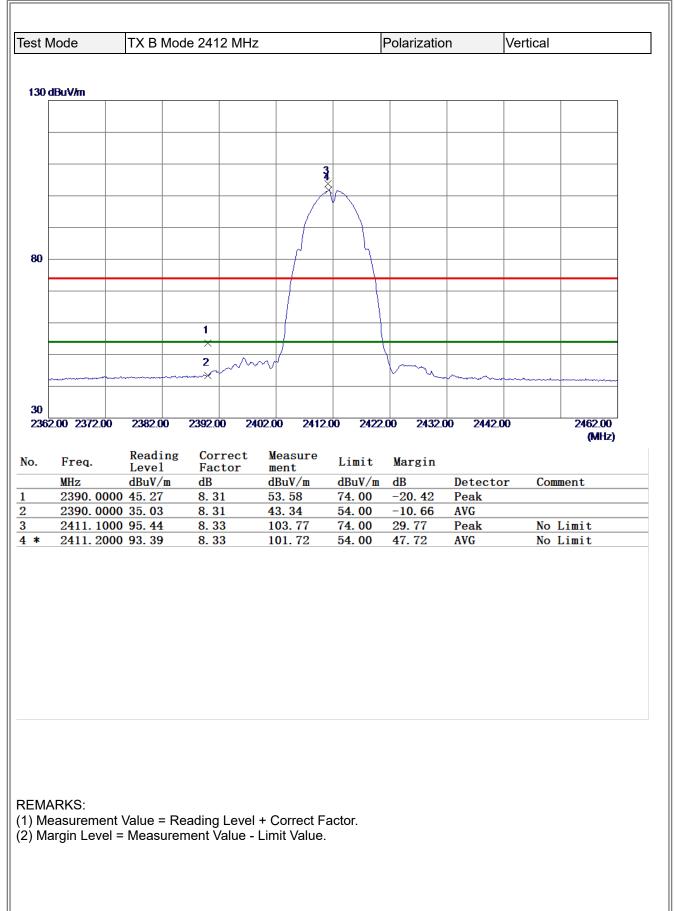




- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.

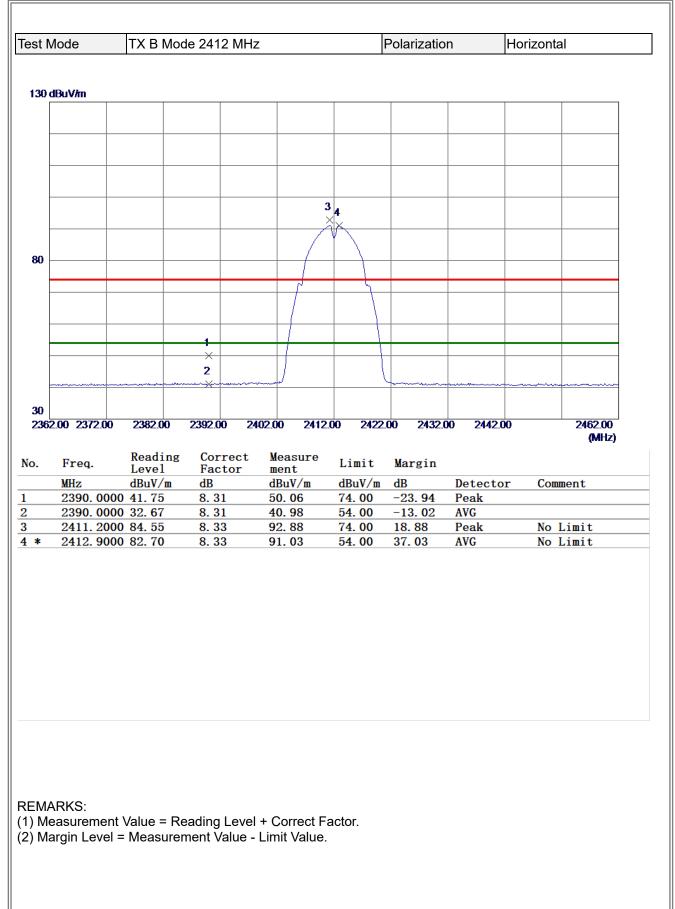


APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ



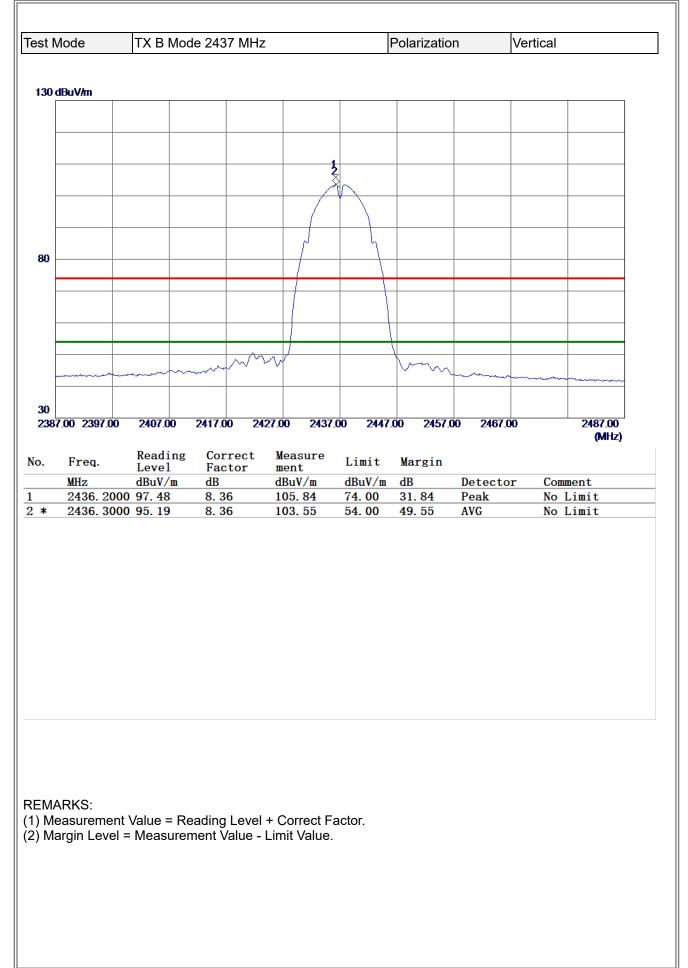


	/lode	TX B Mo	de 2412 MH	Z		Polarizatio	n	Vertical	
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			1K						
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ļ									
) [0.00 3550.00	6100.00	8650.00 1	1200.00 1375	0.00 1630	18850	00 21400		26500.00
	0.00 0.00.00	0100.00	000000	1200:00 1010	0.00 1000	1000		1.00	(MHz)
	Freq.	Reading	Correct	Measure	Limit	Margin			
	MHz	Level dBuV/m	Factor dB	 dBuV/m	dBuV/m		Detecto	or Com	ment
	7236. 855	0 41. 70	10.60	52. 30	54.00	-1.70	AVG		
	7237.010	0 45.95	10.60	56.55	74.00	-17.45	Peak		

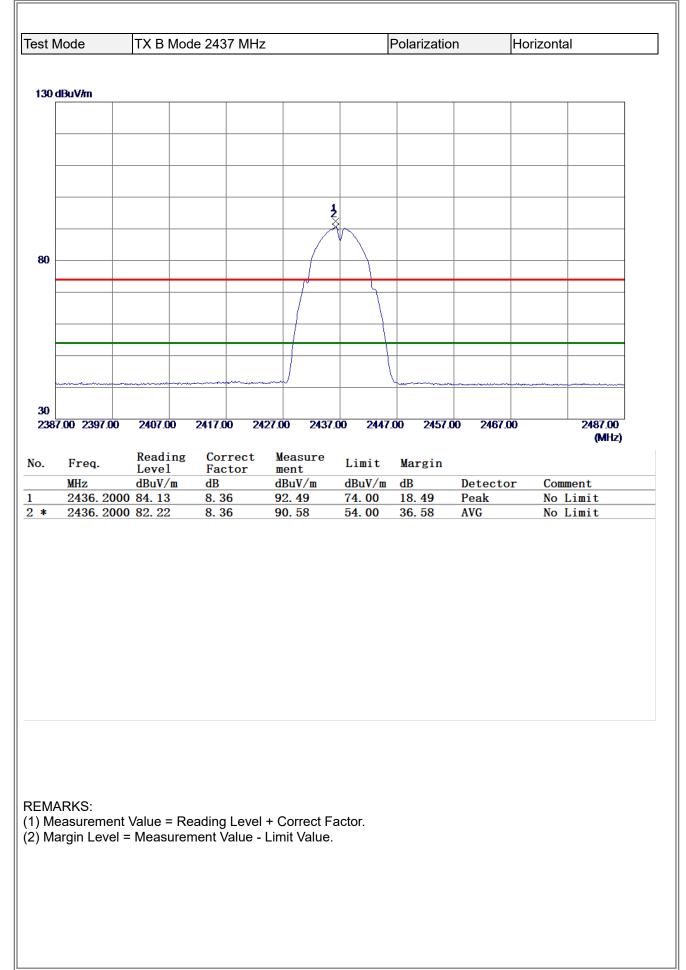


BL

t Mode	TX B	Mode 241	2 MHz			Polarizatio	n	Horizont	al
) dBuV/m									
		1							
		×							
		2 ×							
0									
0									
000.00 3550	.00 6100.0	0 8650.0	0 1120	0.00 137	50.00 1630	0.00 18850	.00 21400).00	26500.00 (MHz)
Freq	Readi	ng Cor	rect	Measure	Limit	Margin			
Freq.	Level	. Fac	tor	ment	Limit dBuV/m	Margin	Dotocto	or Con	mont
MHz	Readi Level dBuV/ 9350 37.99	Fac m dB	tor		Limit dBuV/m 74.00		Detecto Peak	or Con	ment
MHz 7233. 9	Level dBuV/	Fac <u>m dB</u> 10.	tor 59	ment dBuV/m	dBuV/m	dB		or Con	ment
MHz 7233. 9	Level dBuV/ 9350 37.99	Fac <u>m dB</u> 10.	tor 59	ment dBuV/m 48. 58	dBuV/m 74. 00	dB -25. 42	Peak	or Con	ment

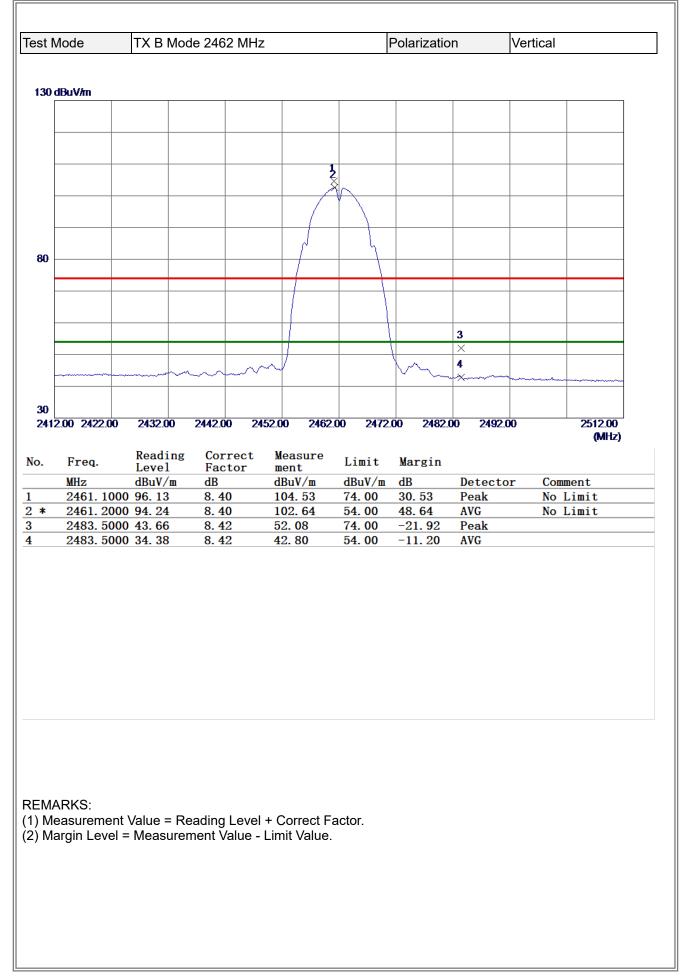


0 dBuV/m 1 2	
1 2 2X 1 X 1 X 1 0.00 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 Freq. Reading Level Correct Factor Measure ment Limit Margin MHz dBuV/m dB dBuV/m dB Detector 0	
x x	
x x	
X X Image: Constant of the state of the	
x x	
MHz dBUV/m dB dBUV/m dB Detector O	
0.00 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 Freq. Reading Correct Measure Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector (7310.4850 46.28 10.69 56.97 74.00 -17.03 Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimitMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimitMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
0.00 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 Freq. Reading Correct Measure Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector (7310.4850 46.28 10.69 56.97 74.00 -17.03 Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimit MarginMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimit MarginMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimitMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimit MarginMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimit MarginMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimit MarginMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimit MarginMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	1
Freq.Reading LevelCorrect FactorMeasure mentLimitMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
Freq.Reading LevelCorrect FactorMeasure mentLimitMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetector07310.485046.2810.6956.9774.00-17.03Peak	
MHz dBuV/m dB dBuV/m dBuV/m dB Detector 0 7310.4850 46.28 10.69 56.97 74.00 -17.03 Peak	26500.00 (MHz)
MHz dBuV/m dB dBuV/m dBuV/m dB Detector 0 7310.4850 46.28 10.69 56.97 74.00 -17.03 Peak	
7310. 4850 46. 28 10. 69 56. 97 74. 00 -17. 03 Peak	
	Comment

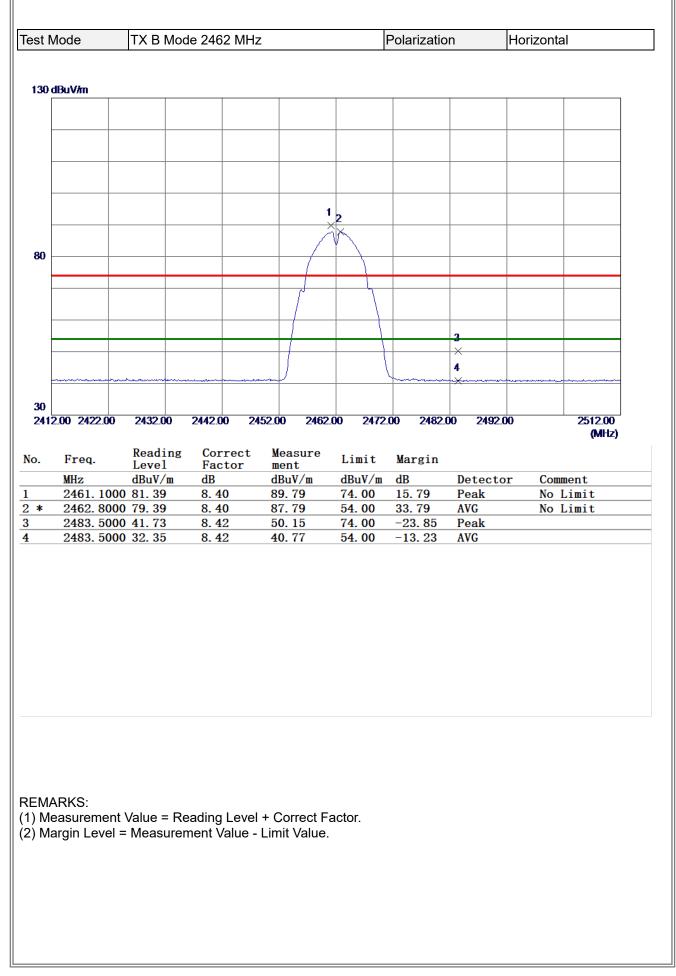


BL

st N	lode	TX B M	ode 243	7 MHz			I	Polarizati	on		Horizo	ontal
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			2 ×		_				_			
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20												
000	0.00 3550.00	6100.00	8650.00) 1120	0.00	13750.	00 16300	0.00 188	50.00	21400	.00	26500.00 (MHz)
	Freq.	Readin	g Corr	rect	Measu		Limit	Margin				
	Freq. MHz	Level	Fac	tor	ment		Limit dBuV/m	Margin dB		etecto	or C	Comment
	MHz 7307.0300	Level dBuV/m 38.60	Fac dB 10. 6	tor 59	ment dBuV/ 49.29	/m 9	dBuV/m 74. 00	dB -24. 71	D P	etecto eak	or C	Comment
	MHz	Level dBuV/m 38.60	Fac ⁻ dB	tor 59	ment dBuV/	/m 9	dBuV/m	dB	D P		r C	Comment
*	MHz 7307.0300	Level dBuV/m 38.60	Fac dB 10. 6	tor 59	ment dBuV/ 49.29	/m 9	dBuV/m 74. 00	dB -24. 71	D P	eak	<u>r C</u>	Comment



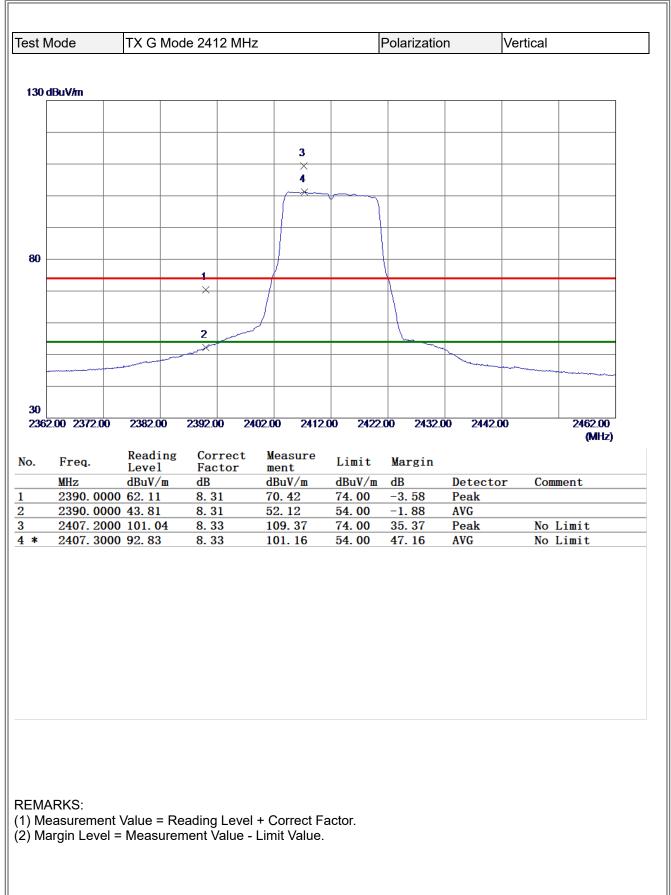
80 dBuV/m	1 2 ×						
	2						
	2						
×0	2						
30	2						
30	2						
30							
30							
30							
30			1				
30							
20							
1000.00 3550.00 61	100.00 8650.0	0 11200.00 13	3750.00 16300).00 18850	.00 21400.		500.00 (MHz)
o. Freq. Re	ading Cor	rect Measur	e Limit	Margin			
Le	evel Fac BuV/m dB	tor ment dBuV/m			Detecto	r Comment	
7386. 2000 45			74. 00	-17.25	Peak		
* 7386.8650 41			54.00	-1.74	AVG		



BTL

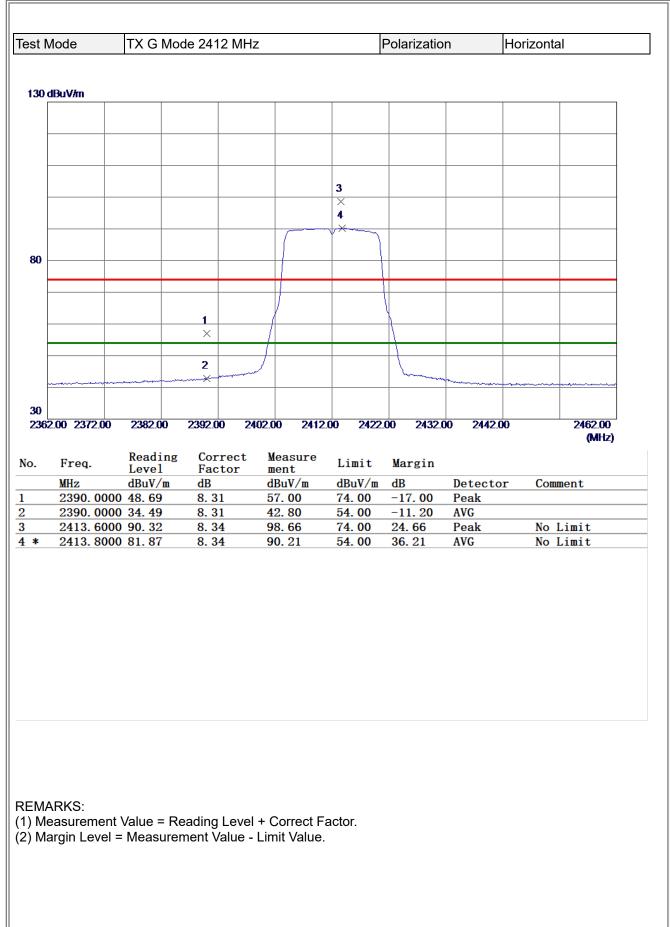
est N	/lode	TX B Moo	de 2462 MH	Z	F	Polarizatio	n	Horizont	al
30 d	BuV/m								
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-									
ł			2						
			X						
-			1 ×						
30									
ŀ									
-20									
	0.00 3550.00	6100.00	8650.00 1	1200.00 13750	0.00 16300	0.00 18850	.00 21400).00	26500.00 (MHz)
		D 11							
o.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin			
	MHz	Level dBuV/m	Factor dB	ment dBuV/m	dBuV/m	dB	Detecto	or Con	ment
*		Leve1 dBuV/m 60 27.37	Factor	ment			Detecto AVG Peak	or Con	ment
*	MHz 7384.945	Leve1 dBuV/m 60 27.37	Factor dB 10.79	ment dBuV/m 38.16	dBuV/m 54.00	dB −15. 84	AVG	or Com	ment

BL





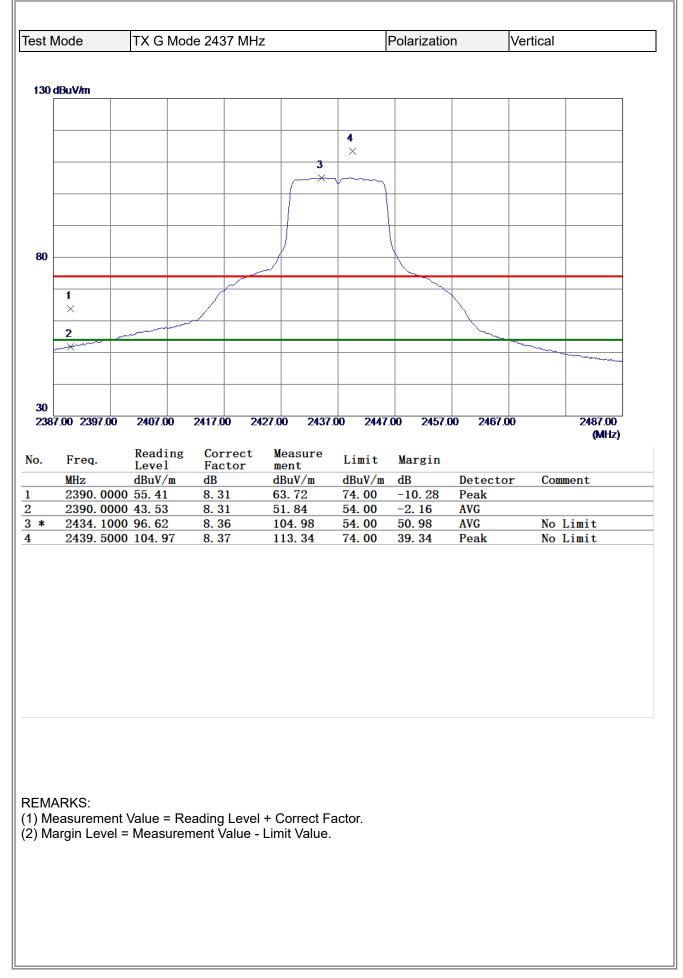
t Mode	TX G	Mode 24	12 MHz	Z		Polarizatio	n	Vertical	
) dBuV/m							1		
		2							
		×							
		1 ×							
0									
	_								
0 000.00 3550.	.00 6100.0	0 8650	00 11	200.00 1375	0.00 1630	0.00 18850	0.00 2140	0.00	26500.00
									(MHz)
Freq.	Readi	ng Co Fa	rrect	Measure	Limit	Margin			
MHz	Level dBuV/	Fa m dB	ctor	ment dBuV/m	dBuV/m	dB	Detecto	or Coi	nment
MHz ≉ 7231.0	Level	Fa m dB 10	ctor	ment			Detecto AVG Peak	or Co	nment
MHz ≉ 7231.0	Level dBuV/ 0250 41.65	Fa m dB 10	ctor . 59	ment dBuV/m 52.24	dBuV/m 54.00	dB −1. 76	AVG	or Co	nment



BLL

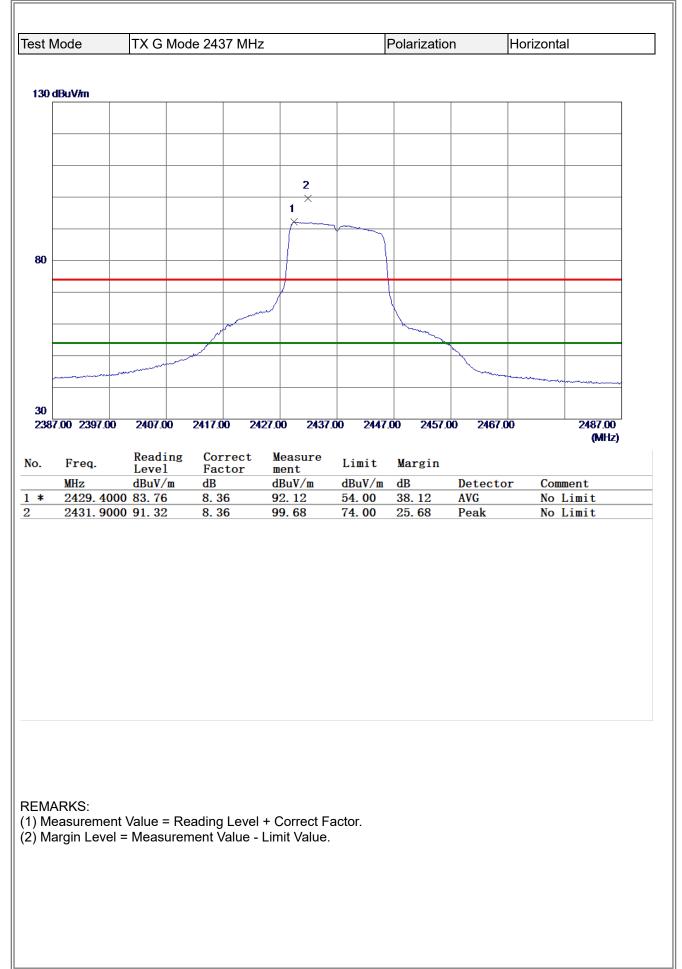
est N	Node	TX G Mo	de 2412 M	Hz		Polarizatio	n	Horizon	tal
	liede					olanzatio		rionzon	
b 0]	lBuV/m								
ł									
			2						
			1						
			×						
30									
20	0.00 3550.00	6400.00	8650.00	11200.00 1375	0.00 46304	0.00 18850	00 01400	200	26500.00
100	0.00 3330.00	6100.00	00.000	11200.00 1373	0.00 1630	J.UU 16650	0.00 21400	00.00	20000.00 (MHz)
		D 11							
).	Freq.	Reading Level	Correct Factor		Limit	Margin			
	MHz	Level dBuV/m	Factor dB	ment dBuV/m	dBuV/m	dB	Detecto	or Co	mment
		Level dBuV/m 2 29.13	Factor	ment			Detecto AVG Peak	or Co	nment
*	MHz 7231.0750	Level dBuV/m 2 29.13	Factor dB 10.59	ment dBuV/m 39.72	dBuV/m 54.00	dB −14. 28	AVG	or Co	nment

BL



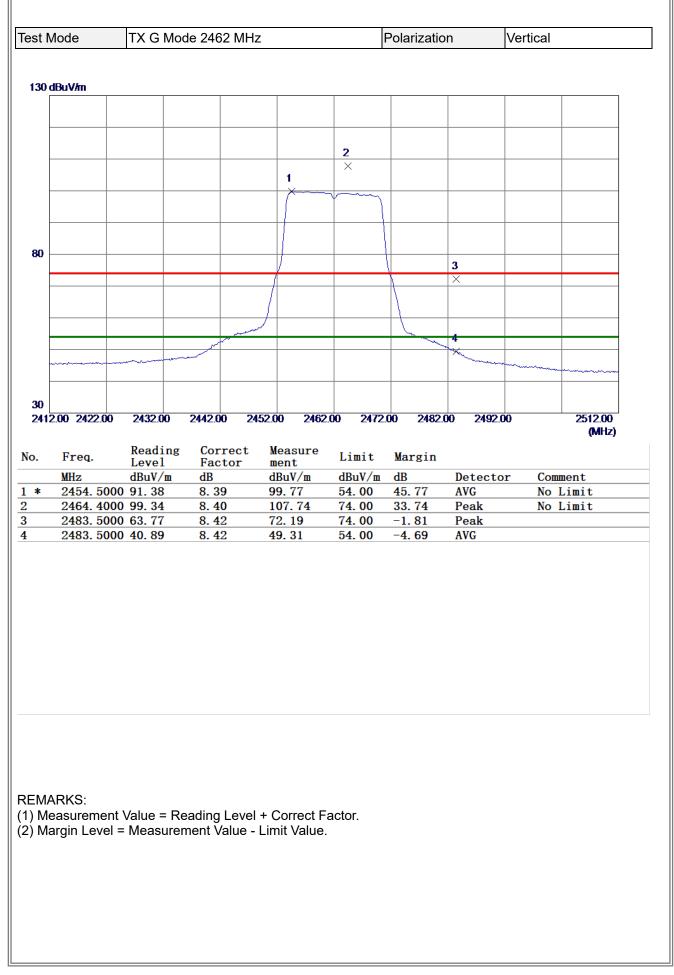


	TX G Mo	ode 2437 MF	lz		Polarizatio	'n	Vertical	
dBuV/m						1		
		2						
		×						
		1						
		X						
	0400.00		4000 00 4075	0.000 4000	0.00 40050	00 01 10		00500.00
00.00 3550.	00 6100.00	8650.00 1	1200.00 1375	0.00 1630	0.00 18850	.00 2140	0.00	26500.00 (MHz)
Freq.	Reading	Correct		Limit	Margin			
MHz	Level dBuV/m	Factor dB	 dBuV/m	dBuV/m		Detecto	or Com	ment
	250 41.23	10. 69	51.92	54.00	-2.08	AVG		шенс
7314.7	500 51.32	10.70	62.02	74.00	-11. 98	Peak		



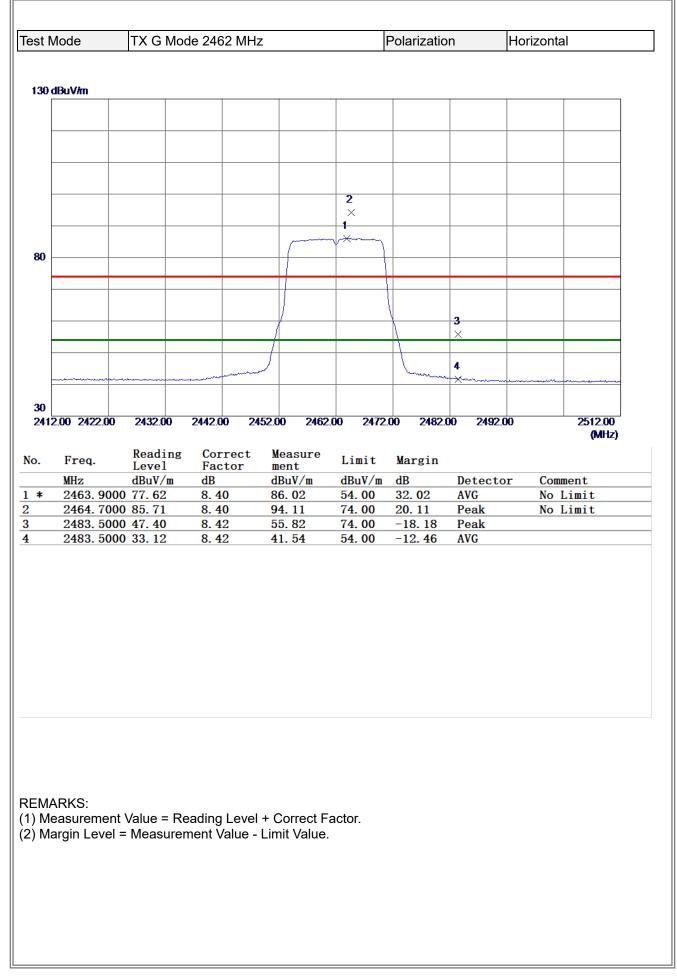
BTL

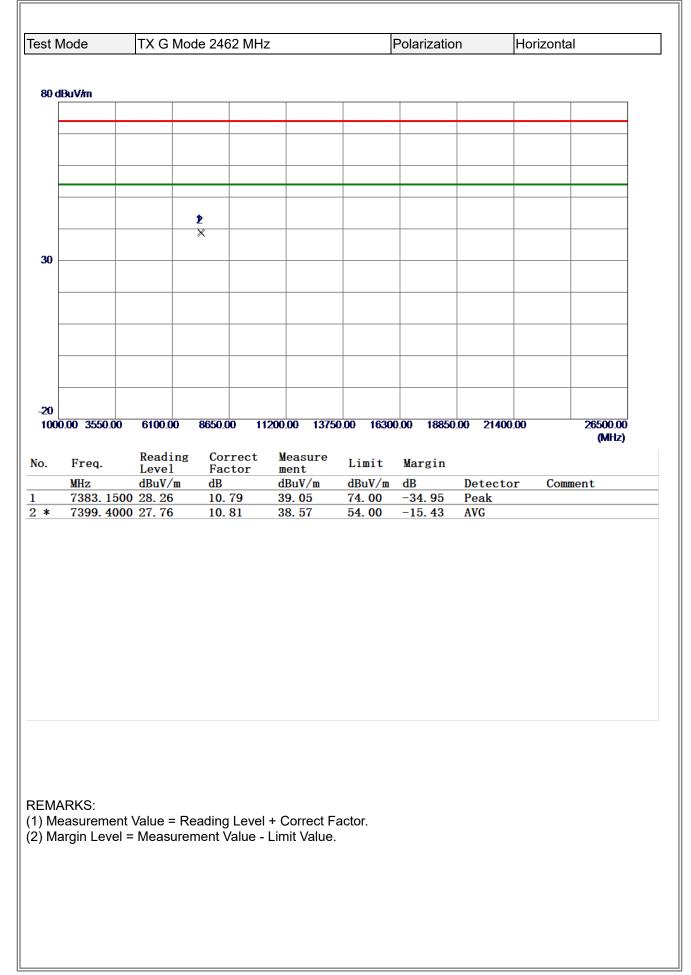
Mode	TX G	Mode 243	7 MHz		F	Polarizatio	n	Horizonta	al
) dBuV/m									
		1							
		2							
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ı 🔤 🚽									
		0.0050.0							
00.00 3550	0.00 6100.0	0 8650.0	0 11200.0	0 13750.0	0 16300	00 18850	.00 21400	.00	26500.00 (MHz)
Frog	Readi	ng Cor	rect Me	asure	Limit	Margin			
Freq.	Level	Fac	tor me	nt	Limit	Margin	Detecto	r Com	mont
MHz	Readi Level dBuV/ 4250 39.49	Fac m dB	tor me dB	nt uV/m	dBuV/m	dB	Detecto Peak	or Com	ment
MHz 7307.	Level dBuV/	Fac <u>m dB</u> 10.	tor me dB 69 50	nt uV/m 18				or Com	ment
MHz 7307.	Level dBuV/ 4250 39.49	Fac <u>m dB</u> 10.	tor me dB 69 50	nt uV/m 18	dBuV/m 74. 00	dB -23. 82	Peak	or Com	nent





st Mode	TX G Mo	de 2462 MF	lz	F	Polarizatio	n	Vertical	
0 dBuV/m					1	1		·
		2						
		×						
		1 ×						
		~						
30								
20								
1000.00 3550.	.00 6100.00	8650.00 1	1200.00 13750	0.00 16300	0.00 18850	0.00 2140).00	26500.00 (MHz)
. Freq.	Reading	Correct	Measure	Limit	Margin			
MHz	Level dBuV/m	Factor dB	ment dBuV/m	dBuV/m	dB	Detecto	or Con	ment
* 7386.2	2000 41. 58	10.79	52.37	54.00	-1.63	AVG		
7393.7	250 51.90	10.80	62.70	74.00	-11. 30	Peak		







130 dBuV/m
3 3 4 4 4 4 4 4 4 4 5 2 2 4 2 4 3 4 4 4 5 2 2 4 2 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 56200 237200 2382.00 2392.00 2402.00 2412.00 2432.00 2442.00 2465 6 7 7 7 7 7 562.00 2372.00 2382.00 2392.00 2442.00
3 3 4 4
0 4 1 4 2 4 2 4 362.00 2372.00 2382.00 2392.00 2412.00 2432.00 2442.00 246.00 . Freq. Reading Level Correct Factor Measure ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment
X A A A B A B A A A A A A A A A B A B A B A
80 4 1 4 2 4 2 4 2 4 30 2 2362.00 2382.00 2392.00 2412.00 2432.00 2442.00 2460 0 7 7 7 7 7 7 2 1
80 1 30 2 30 2 30 2 30 2 30 2 30 2 50 2 60 1 1 X 2 1 30 2 50 2
80 1 1 2 2 2 30 2 2362.00 2372.00 2382.00 2362.00 2372.00 2382.00 2362.00 2372.00 2382.00 2362.00 2372.00 2382.00 2362.00 2372.00 2382.00 2362.00 2392.00 2402.00 2412.00 2422.00 2432.00 246.00 0 0 0 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 2 2 30 2 30 2 30 2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 2446.00 (0) 50 Freq. Reading Correct Measure Limit Margin MHz dBuV/m dBuV/m </td
1 1 2 2 30 2 30 2 30 2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 2446.00 (0) 6. Freq. Reading Correct Measure Level Factor ment MHz dBuV/m dB dBuV/m dB
1 1 2 2 30 2 30 2 30 2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 2446.00 (0) 6. Freq. Reading Correct Measure Level Factor ment MHz dBuV/m dB dBuV/m dB
1 1 2 2 30 2 30 2 30 2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 2446.00 (0) 50 Freq. Reading Correct Measure Limit Margin MHz dBuV/m dBuV/m </td
X Z 2 2 30 2 30 2382.00 2362.00 2382.00 2362.00 2382.00 2362.00 2382.00 2362.00 2382.00 2362.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 2442.00 0 0 0 Freq. Reading Correct MHz dBuV/m dBuV/m dBuV/m dBuV/m dBuV/m
x x
2 2 30 30 2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2432.00 2442.00 2442.00 2 0 30 0 2362.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 2465 0 0 0 Freq. Reading Correct MHz dBuV/m dBuV/m dBuV/m dBuV/m dBuV/m
30 30 <td< td=""></td<>
30 30 <td< td=""></td<>
2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 246 () b. Freq. Reading Correct Measure Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment
2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 246 () b. Freq. Reading Correct Measure Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment
2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 246 () b. Freq. Reading Correct Measure Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment
2362.00 2372.00 2382.00 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 246 () b. Freq. Reading Correct Measure Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment
Q b. Freq. Reading Correct Measure Limit Margin Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment
.Freq.LevelFactormentLimitMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetectorComment
MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment
2390, 0000 30, 73 8, 31 03, 00 74, 00 -8, 94 Peak
2390. 0000 43. 81 8. 31 52. 12 54. 00 -1. 88 AVG
2409.2000 100.42 8.33 108.75 74.00 34.75 Peak No Limit
* 2409.9000 92.11 8.33 100.44 54.00 46.44 AVG No Limit



	lode	TX N(HT	20) Mode 2	2412 MHz		Polarizatio	on	Vertical	
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-20									
1000	.00 3550.00) 6100.00	8650.00	11200.00 137	50.00 1630	0.00 18850	0.00 2140	0.00	26500.00 (MHz)
D.	Freq.	Reading	Correc	t Measure	Limit	Margin			
	MHz	Level dBuV/m	Factor dB	ment dBuV/m	dBuV/m		Detect	or Com	ment
	7227.20	00 52.50	10. 59	63.09	74.00	-10. 91	Peak		
*	1230. 00	00 41.63	10.60	52.23	54.00	-1.77	AVG		



Test	Mode	TX N(H	HT20) M	ode 2412	MHz		Polarizatio	n	Horizonta	al
130	dBuV/m									
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					3					
						hann				
80										
					+					
					1					
			1		/					
			2							
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30	2.00 2372.00	2382.00) 2392.	0 2402	.00 2412.0)0 2422	.00 2432.0	0 2442.0	0	2462.00
2.00	2.00 2512.00	2.002.00		50 2702				N 2112.0	Č.	(MHz)
No.	Freq.	Readi Level	ng Cor Fac		Measure ment	Limit	Margin			
	MHz	dBuV/1	n dB		dBuV/m	dBuV/m		Detector	r Com	ment
1	2390.000 2390.000		<u> </u>		53.83 44.10	74.00 54.00	-20. 17 -9. 90	Peak AVG		
2			8.3		90.29	54.00	36. 29	AVG	No	Limit
2 3 *	2410.000	0 81.96	0					Peak		Limit

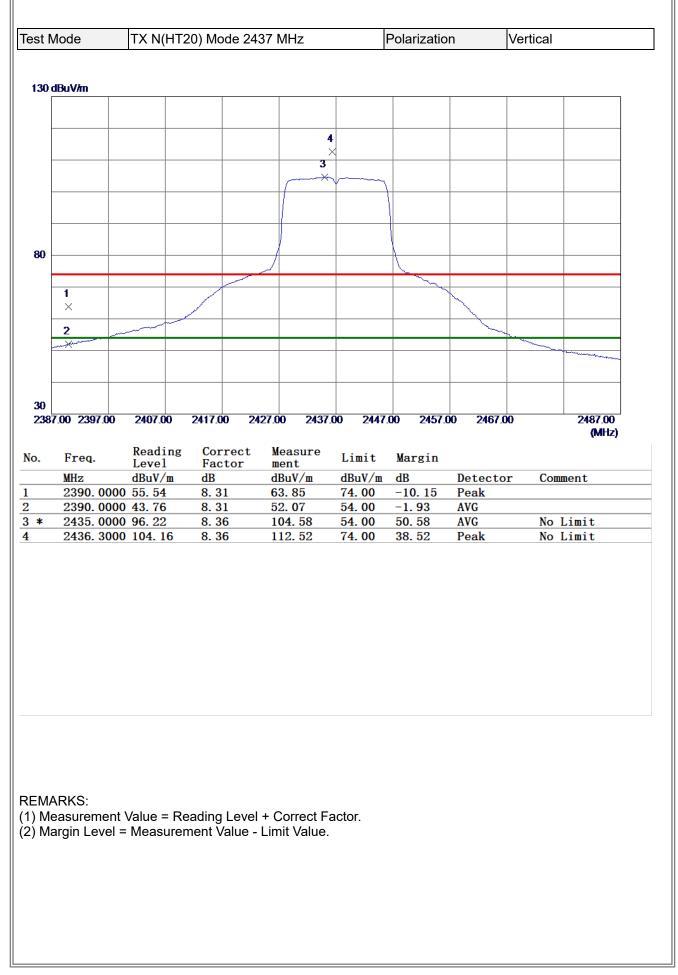
REMARKS:

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



80 dhv/m 30 30 30 30 30 30 30 30 30 3		lode	TX N(HT2	20) Mode 24	12 MHz		Polarizatic	n	Horizont	al
2 2 2 2 1 ×										
X X X X 1 1 1 1 30 X 1 1 30 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 1 X 1 1 1 1 1 X 1 1 1 1 1 X 1 1 1 1 1 1 X 1 1 1 1 1 <td< th=""><th>80 dE</th><th>BuV/m</th><th></th><th></th><th></th><th>1</th><th></th><th></th><th>1</th><th></th></td<>	80 dE	BuV/m				1			1	
X X X X 1 1 1 1 30 X 1 1 30 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 X 1 1 1 1 X 1 1 1 1 1 X 1 1 1 1 1 X 1 1 1 1 1 1 X 1 1 1 1 1 <td< td=""><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	-									
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20										
MHz Buv/m B	30 -									
MHz Buv/m B										
000.00 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 26500.00 (MHz) . Freq. Reading Correct Measure Limit Margin MHz dBuV/m dB dBuV/m dBUV/m dB Detector Comment										
OOD.00 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 26500.00 (MHz) . Freq. Reading Level Correct Factor Measure ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment * 7230.4750 29.83 10.59 40.42 54.00 -13.58 AVG	-									
000.00 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 26500.00 (MHz) . Freq. Reading Correct Measure Limit Margin MHz dBuV/m dB dBuV/m dBUV/m dB Detector Comment										
IOOO.00 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 26500.00 (MHz) . Freq. Reading Level Correct Factor Measure ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment * 7230.4750 29.83 10.59 40.42 54.00 -13.58 AVG	F									
MHz Buv/m B										
MHz Buv/m B	20									
Freq.Reading LevelCorrect FactorMeasure mentLimitMarginMHzdBuV/mdBdBuV/mdBDetectorComment*7230.475029.8310.5940.4254.00-13.58AVG		.00 3550.00	6100.00	8650.00 11	200.00 13750	0.00 1630	0.00 18850).00 21400	.00	
MHz BuV/m dB dBuV/m dBuV/m dB Detector Comment * 7230.4750 29.83 10.59 40.42 54.00 -13.58 AVG										(MHz)
MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment * 7230.4750 29.83 10.59 40.42 54.00 -13.58 AVG).	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin			
* 7230.4750 29.83 10.59 40.42 54.00 -13.58 AVG 7239.9500 40.89 10.60 51.49 74.00 -22.51 Peak										
1233.3300 40.83 10.00 31.43 14.00 -22.31 Feak									or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40. 42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40.42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40.42	54.00	-13. 58	AVG	or Com	ment
		7230. 4750	29.83	10. 59	40.42	54.00	-13. 58	AVG	or Com	ment
	* :MA	7230. 4750 7239. 9500	29.83 40.89	10. 59 10. 60	40. 42 51. 49	54.00	-13. 58	AVG	or Com	ment
Measurement Value = Reading Level + Correct Factor.	* EMA Me	7230. 4750 7239. 9500	29. 83 40. 89 Value = Re	10. 59 10. 60	40. 42 51. 49 + Correct Fa	54. 00 74. 00	-13. 58	AVG	or Com	ment
MARKS: Measurement Value = Reading Level + Correct Factor. Margin Level = Measurement Value - Limit Value.	* EMA	7230. 4750 7239. 9500	29. 83 40. 89 Value = Re	10. 59 10. 60	40. 42 51. 49 + Correct Fa	54. 00 74. 00	-13. 58	AVG	or Com	
Measurement Value = Reading Level + Correct Factor.	* EMA	7230. 4750 7239. 9500	29. 83 40. 89 Value = Re	10. 59 10. 60	40. 42 51. 49 + Correct Fa	54. 00 74. 00	-13. 58	AVG	or Com	ment
Measurement Value = Reading Level + Correct Factor.	* EMA	7230. 4750 7239. 9500	29. 83 40. 89 Value = Re	10. 59 10. 60	40. 42 51. 49 + Correct Fa	54. 00 74. 00	-13. 58	AVG	or Com	ment
Measurement Value = Reading Level + Correct Factor.	* EMA	7230. 4750 7239. 9500	29. 83 40. 89 Value = Re	10. 59 10. 60	40. 42 51. 49 + Correct Fa	54. 00 74. 00	-13. 58	AVG	or Com	
Measurement Value = Reading Level + Correct Factor.	* EMA	7230. 4750 7239. 9500	29. 83 40. 89 Value = Re	10. 59 10. 60	40. 42 51. 49 + Correct Fa	54. 00 74. 00	-13. 58	AVG	or Com	

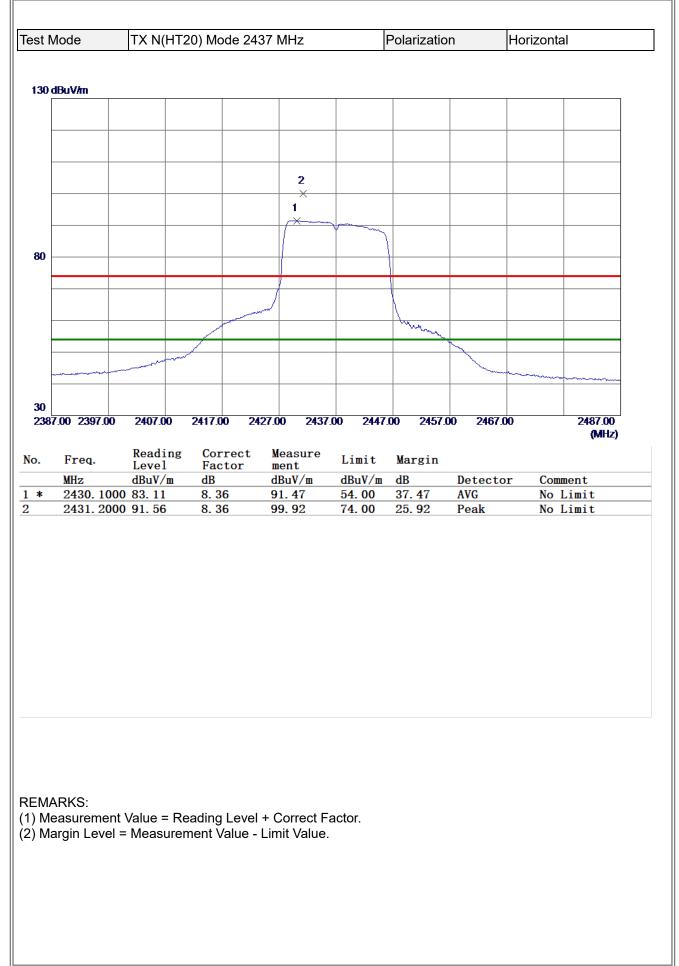






	Vode	TX N(HT	20) Mo	de 2437	7 MHz		Polarizatio	n	Vertical	
80 d	lBuV/m							1		1
			2							
			×							
			<u>1</u> ×							
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30										
-20										
	0.00 3550.00	6100.00	8650.00	0 1120	00.00 1375	0.00 16300	0.00 18850	.00 21400).00	26500.00 (MHz)
										(MILZ)
	-	Reading	Cor	rect	Measure	.				
о.	Freq.	Reading Level	Fac	tor	Measure ment	Limit	Margin	Datast		
	MHz	Level dBuV/m	Fac dB	tor	ment dBuV/m	dBuV/m	dB	Detecto	or Com	ment
*		Leve1 dBuV/m 0 40.83	Fac	tor 70	ment			Detecto AVG Peak	or Com	ment
*	MHz 7313.325	Leve1 dBuV/m 0 40.83	Fac dB 10. 7	tor 70	ment dBuV/m 51.53	dBuV/m 54. 00	dB −2. 47	AVG	or Com	ment
*	MHz 7313.325	Leve1 dBuV/m 0 40.83	Fac dB 10. 7	tor 70	ment dBuV/m 51.53	dBuV/m 54. 00	dB −2. 47	AVG	or Com	ment
*	MHz 7313.325	Leve1 dBuV/m 0 40.83	Fac dB 10. 7	tor 70	ment dBuV/m 51.53	dBuV/m 54. 00	dB −2. 47	AVG	or Com	ment
*	MHz 7313.325	Leve1 dBuV/m 0 40.83	Fac dB 10. 7	tor 70	ment dBuV/m 51.53	dBuV/m 54. 00	dB −2. 47	AVG	or Com	ment
*	MHz 7313.325	Leve1 dBuV/m 0 40.83	Fac dB 10. 7	tor 70	ment dBuV/m 51.53	dBuV/m 54. 00	dB −2. 47	AVG	or Com	ment
*	MHz 7313.325	Leve1 dBuV/m 0 40.83	Fac dB 10. 7	tor 70	ment dBuV/m 51.53	dBuV/m 54. 00	dB −2. 47	AVG	or Com	ment
*	MHz 7313.325	Leve1 dBuV/m 0 40.83	Fac dB 10. 7	tor 70	ment dBuV/m 51.53	dBuV/m 54. 00	dB −2. 47	AVG	or Com	ment
*	MHz 7313.325 7317.075	Leve1 dBuV/m 0 40.83	Fac dB 10. 7	tor 70	ment dBuV/m 51.53	dBuV/m 54. 00	dB −2. 47	AVG	or Com	ment
* EM/	MHz 7313.325 7317.075	Level dBuV/m 0 40.83 0 51.88	Fac dB 10.7 10.7	tor 70 70	ment dBuV/m 51.53 62.58	dBuV/m 54.00 74.00	dB −2. 47	AVG	or Com	ment
* EMA	MHz 7313.325 7317.075	Level dBuV/m 0 40. 83 0 51. 88	Fac dB 10.7 10.7	tor 70 70 20 20 20 20 20 20 20 20 20 20 20 20 20	ment dBuV/m 51. 53 62. 58 62. 58	dBuV/m 54.00 74.00	dB −2. 47	AVG	or Com	ment
) Me	MHz 7313. 325 7317. 075	Level dBuV/m 0 40. 83 0 51. 88	Fac dB 10.7 10.7	tor 70 70 20 20 20 20 20 20 20 20 20 20 20 20 20	ment dBuV/m 51. 53 62. 58 62. 58	dBuV/m 54.00 74.00	dB −2. 47	AVG	or Com	ment
* EMA	MHz 7313. 325 7317. 075	Level dBuV/m 0 40. 83 0 51. 88	Fac dB 10.7 10.7	tor 70 70 20 20 20 20 20 20 20 20 20 20 20 20 20	ment dBuV/m 51. 53 62. 58 62. 58	dBuV/m 54.00 74.00	dB −2. 47	AVG	or Com	ment
* EMA	MHz 7313. 325 7317. 075	Level dBuV/m 0 40. 83 0 51. 88	Fac dB 10.7 10.7	tor 70 70 20 20 20 20 20 20 20 20 20 20 20 20 20	ment dBuV/m 51. 53 62. 58 62. 58	dBuV/m 54.00 74.00	dB −2. 47	AVG	or Com	ment
* ====================================	MHz 7313. 325 7317. 075	Level dBuV/m 0 40. 83 0 51. 88	Fac dB 10.7 10.7	tor 70 70 20 20 20 20 20 20 20 20 20 20 20 20 20	ment dBuV/m 51. 53 62. 58 62. 58	dBuV/m 54.00 74.00	dB −2. 47	AVG	or Com	ment

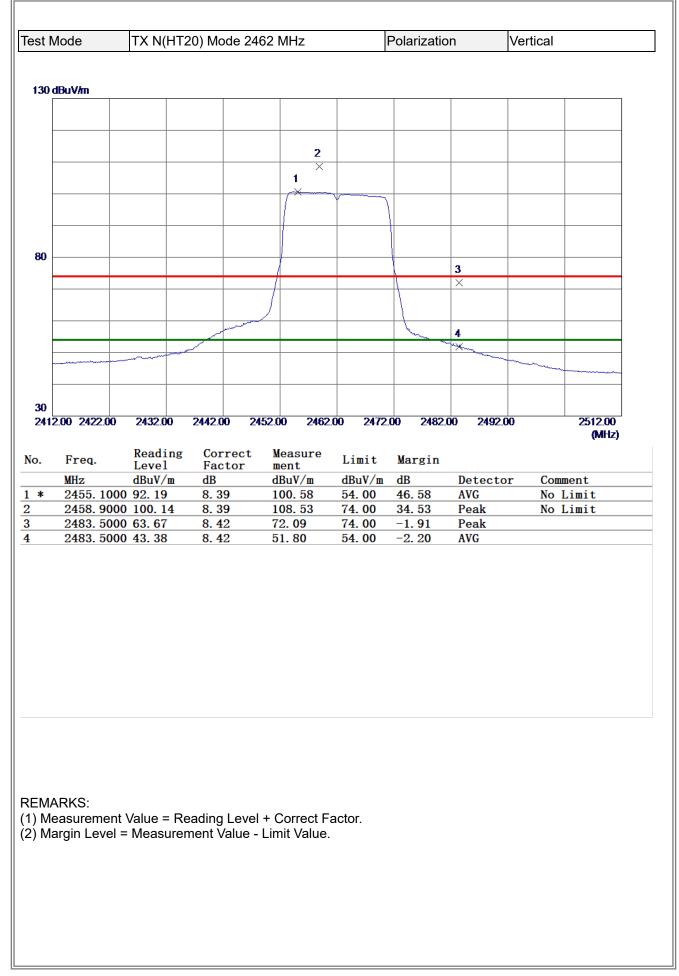






est N	lode	TX N(HT	20) Mo	ode 243	7 MHz	l	Polarizatio	n	Horizonta	al
80 d	BuV/m								1	
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			2 ×							
			1							
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30										
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ſ										
┝										
f										
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	00.0005500.00	6100.00	8650.0	NU 112	00.00 1375	0.00 1630	0.00 18850	.00 21400	.00	26500.00 (MHz)
n	Freq	Reading	Cor	rect	Measure	Limit	Margin			
0.	Freq.	Level	Fac	rect tor	ment	Limit dBuV/m	Margin dB	Detecto	r Com	ment
	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	Detecto AVG	r Com	ment
*	MHz	Level dBuV/m 0 27.02	Fac dB	tor 67	ment dBuV/m	dBuV/m	dB		r Com	ment
*	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	r Com	nent
*	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	r Com	ment
*	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	r Com	ment
	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	r Com	ment
*	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	r Com	ment
*	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	r Com	ment
*	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	<u>r Com</u>	nent
*	MHz 7293.1000	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	r Com	ment
*	MHz 7293.1000 7333.7250	Level dBuV/m 0 27.02	Fac dB 10.	tor 67	ment dBuV/m 37.69	dBuV/m 54.00	dB -16. 31	AVG	r Com	nent
* ======	MHz 7293. 1000 7333. 7250	Level dBuV/m 0 27.02 0 37.71	Fac dB 10. 10.	67 72	ment dBuV/m 37. 69 48. 43	dBuV/m 54.00 74.00	dB -16. 31	AVG	<u>r Com</u>	ment
* EMA	MHz 7293. 1000 7333. 7250	Level dBuV/m 0 27. 02 0 37. 71	Fac dB 10. 10.	67 72	ment dBuV/m 37. 69 48. 43 - Correct Fa	dBuV/m 54.00 74.00	dB -16. 31	AVG	r Com	nent
) Me	MHz 7293. 1000 7333. 7250	Level dBuV/m 0 27. 02 0 37. 71	Fac dB 10. 10.	67 72	ment dBuV/m 37. 69 48. 43 - Correct Fa	dBuV/m 54.00 74.00	dB -16. 31	AVG	<u>r Com</u>	ment
* EMA	MHz 7293. 1000 7333. 7250	Level dBuV/m 0 27. 02 0 37. 71	Fac dB 10. 10.	67 72	ment dBuV/m 37. 69 48. 43 - Correct Fa	dBuV/m 54.00 74.00	dB -16. 31	AVG	r Com	ment
* EMA	MHz 7293. 1000 7333. 7250	Level dBuV/m 0 27. 02 0 37. 71	Fac dB 10. 10.	67 72	ment dBuV/m 37. 69 48. 43 - Correct Fa	dBuV/m 54.00 74.00	dB -16. 31	AVG	r Com	nent
* ΞΜΑ	MHz 7293. 1000 7333. 7250	Level dBuV/m 0 27. 02 0 37. 71	Fac dB 10. 10.	67 72	ment dBuV/m 37. 69 48. 43 - Correct Fa	dBuV/m 54.00 74.00	dB -16. 31	AVG	r Com	ment
* ΞΜΑ	MHz 7293. 1000 7333. 7250	Level dBuV/m 0 27. 02 0 37. 71	Fac dB 10. 10.	67 72	ment dBuV/m 37. 69 48. 43 - Correct Fa	dBuV/m 54.00 74.00	dB -16. 31	AVG	r Com	ment

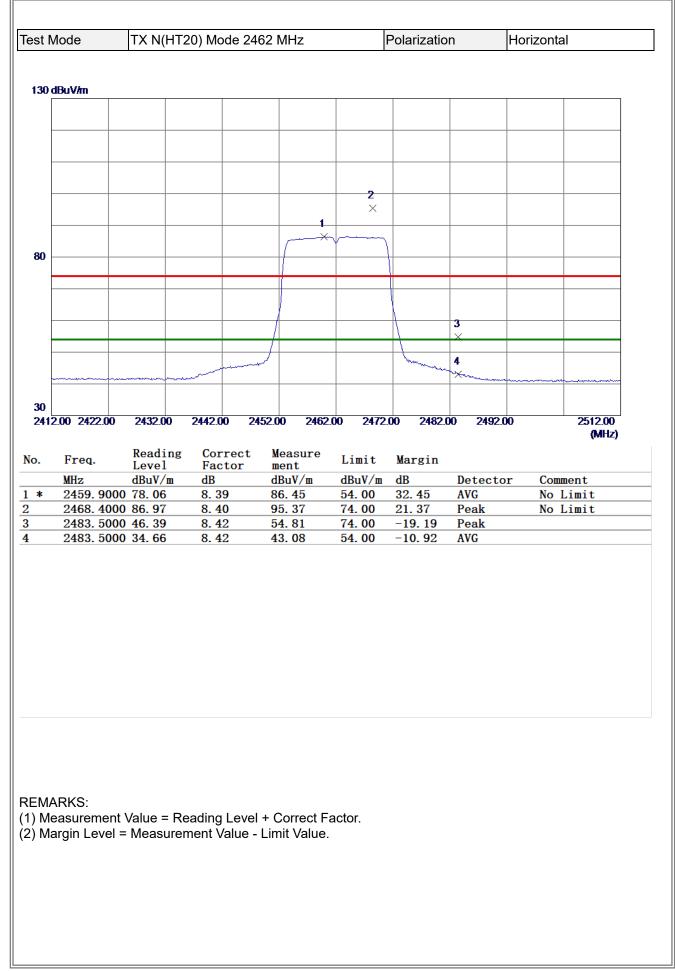






O Skv/m i </th <th></th> <th>lode</th> <th>TX N(HT2</th> <th>20) Mode 24</th> <th>62 MHz</th> <th></th> <th>Polarizatio</th> <th>n</th> <th>Vertical</th> <th></th>		lode	TX N(HT2	20) Mode 24	62 MHz		Polarizatio	n	Vertical	
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MARKS: Measurement Value = Reading Level + Correct Factor.		MHz	dBuV/m		dBuV/m	dBuV/m	dB	Detecto	or Com	nent
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Measurement Value = Reading Level + Correct Factor.		7380. 4250) 53. 16	dB 10. 78	63. 94	74.00	-10.06	Peak	or Com	nent
Measurement Value = Reading Level + Correct Factor.		7380. 4250) 53. 16	dB 10. 78	63. 94	74.00	-10.06	Peak	or Com	nent
Measurement Value = Reading Level + Correct Factor.	:	7380. 4250) 53. 16	dB 10. 78	63. 94	74.00	-10.06	Peak	or Com	nent
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Measurement Value = Reading Level + Correct Factor.		7380. 4250) 53. 16	dB 10. 78	63. 94	74.00	-10.06	Peak	or Com	nent
Measurement Value = Reading Level + Correct Factor.		7380. 4250) 53. 16	dB 10. 78	63. 94	74.00	-10.06	Peak	or Com	nent
Measurement Value = Reading Level + Correct Factor.		7380. 4250) 53. 16	dB 10. 78	63. 94	74.00	-10.06	Peak	or Com	
Measurement Value = Reading Level + Correct Factor.		7380. 4250) 53. 16	dB 10. 78	63. 94	74.00	-10.06	Peak	or Com	
Measurement Value = Reading Level + Correct Factor.	:	7380. 4250) 53. 16	dB 10. 78	63. 94	74.00	-10.06	Peak	or Com	
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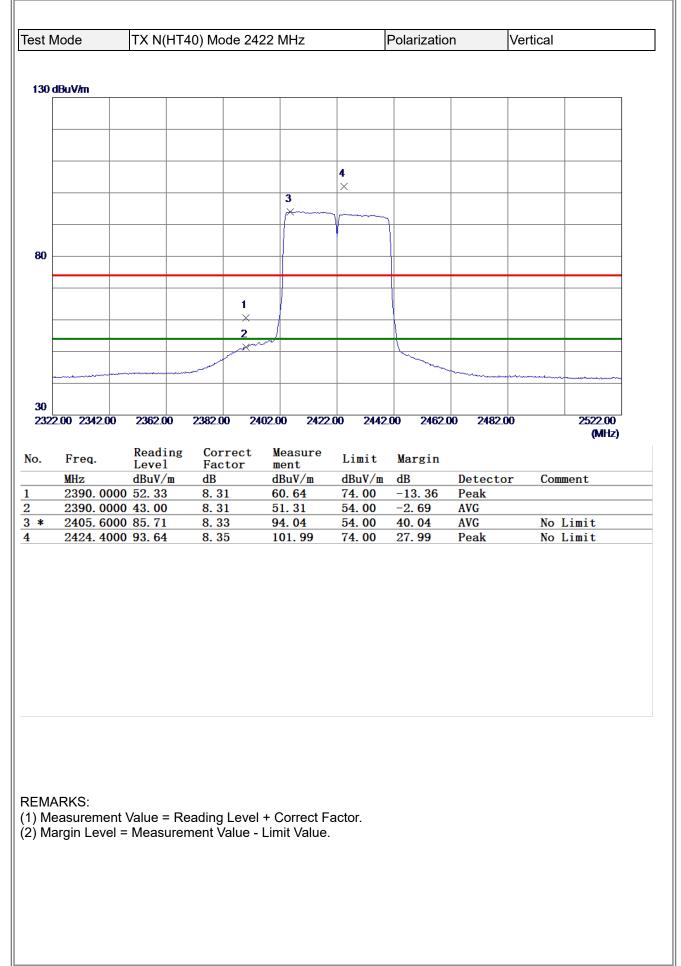






551 1	/lode	TX N(HT	20) Mo	de 2462	MHz	ł	Polarizatio	n	Horizont	tal
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о.	Freq.	Reading Level	Cor Fac	rect 1 tor 1	Measure ment	Limit	Margin			
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		Level dBuV/m 0 28.26	Fac	tor 1 78	ment			Detecto AVG Peak	or Cor	nment
	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14.96	AVG	or Cor	nment
	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14.96	AVG	or Cor	nment
	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14.96	AVG	or Cor	nment
*	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14.96	AVG	or Cor	nment
	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14.96	AVG	or Cor	nment
*	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14. 96	AVG	or Cor	nment
	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14. 96	AVG	or Cor	nment
	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14. 96	AVG	or Cor	nment
*	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14. 96	AVG	or Cor	nment
*	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14. 96	AVG	or Cor	nment
*	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14. 96	AVG	or Cor	nment
*	MHz 7379.900	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14. 96	AVG	or Cor	nment
*	MHz 7379.9000 7389.8250	Level dBuV/m 0 28.26	Fac dB 10.	tor 1 78	ment dBuV/m 39.04	dBuV/m 54. 00	dB -14. 96	AVG	or Cor	nment
*	MHz 7379.9000 7389.8250	Level dBuV/m 0 28.26 0 39.21	Fac dB 10.1 10.1	tor 1 78 : 30 :	ment dBuV/m 39.04 50.01	dBuV/m 54.00 74.00	dB -14. 96	AVG	or Cor	nment
* ====================================	MHz 7379.9000 7389.8250	Leve1 dBuV/m 0 28. 26 0 39. 21	Fac dB 10. 10. 3	tor 1 78 : 80 : Level +	ment dBuV/m 39.04 50.01	dBuV/m 54.00 74.00	dB -14. 96	AVG	or Cor	nment
* EMA	MHz 7379.9000 7389.8250	Leve1 dBuV/m 0 28. 26 0 39. 21	Fac dB 10. 10. 3	tor 1 78 : 80 : Level +	ment dBuV/m 39.04 50.01	dBuV/m 54.00 74.00	dB -14. 96	AVG	or Cor	nment
) Me	MHz 7379.9000 7389.8250	Leve1 dBuV/m 0 28. 26 0 39. 21	Fac dB 10. 10. 3	tor 1 78 : 80 : Level +	ment dBuV/m 39.04 50.01	dBuV/m 54.00 74.00	dB -14.96	AVG	or Cor	nment
* EMA	MHz 7379.9000 7389.8250	Leve1 dBuV/m 0 28. 26 0 39. 21	Fac dB 10. 10. 3	tor 1 78 : 80 : Level +	ment dBuV/m 39.04 50.01	dBuV/m 54.00 74.00	dB -14.96	AVG	or Cor	nment
* EMA	MHz 7379.9000 7389.8250	Leve1 dBuV/m 0 28. 26 0 39. 21	Fac dB 10. 10. 3	tor 1 78 : 80 : Level +	ment dBuV/m 39.04 50.01	dBuV/m 54.00 74.00	dB -14.96	AVG	or Cor	nment
* ====================================	MHz 7379.9000 7389.8250	Leve1 dBuV/m 0 28. 26 0 39. 21	Fac dB 10. 10. 3	tor 1 78 : 80 : Level +	ment dBuV/m 39.04 50.01	dBuV/m 54.00 74.00	dB -14.96	AVG	or Cor	nment







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			MHz 7236.000	Leve1 dBuV/m 0 49.40	Fac dB 10.	tor 60	ment dBuV/m 60.00	dBuV/m 74. 00	dB -14.00	Peak	or Comm	ent
			MHz 7236.000	Leve1 dBuV/m 0 49.40	Fac dB 10.	tor 60	ment dBuV/m 60.00	dBuV/m 74. 00	dB -14.00	Peak	or Comm	ent
			MHz 7236.000	Leve1 dBuV/m 0 49.40	Fac dB 10.	tor 60	ment dBuV/m 60.00	dBuV/m 74. 00	dB -14.00	Peak	or Comm	ent
		*	MHz 7236.000 7253.050	Level dBuV/m 0 49.40 0 38.89	Fac dB 10. (10. (tor 60 62	ment dBuV/m 60.00 49.51	dBuV/m 74.00 54.00	dB -14.00	Peak	or Comm	ent
EMARKS:) Measurement Value = Reading Level + Correct Factor.) Margin Level = Measurement Value - Limit Value.) Measurement Value = Reading Level + Correct Factor.) Margin Level = Measurement Value - Limit Value.	* EM/	MHz 7236.000 7253.050	Level dBuV/m 0 49. 40 0 38. 89	Fac dB 10.0 10.0	tor 60 62 Level +	ment dBuV/m 60.00 49.51	dBuV/m 74.00 54.00	dB -14.00	Peak	or Comm	ent
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.) Margin Level = Measurement Value - Limit Value.	* EM/	MHz 7236.000 7253.050	Level dBuV/m 0 49. 40 0 38. 89	Fac dB 10.0 10.0	tor 60 62 Level +	ment dBuV/m 60.00 49.51	dBuV/m 74.00 54.00	dB -14.00	Peak	or Comm	ent
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.) Margin Level = Measurement Value - Limit Value.	* EM/	MHz 7236.000 7253.050	Level dBuV/m 0 49. 40 0 38. 89	Fac dB 10.0 10.0	tor 60 62 Level +	ment dBuV/m 60.00 49.51	dBuV/m 74.00 54.00	dB -14.00	Peak	or Comm	

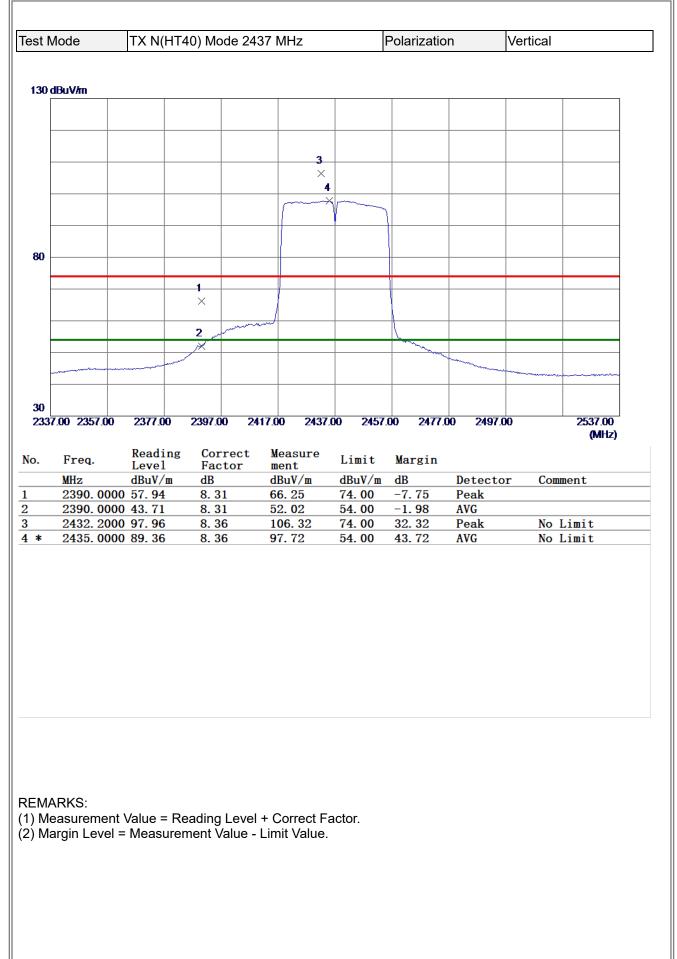


st I	Mode	TX N(HT4	10) Mode 24	22 MHz		Polarizatio	n	Horizonta	al
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о.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin			
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detecto	r Com	ment
		00 43. 18	8.31	51.49	74.00	-22.51	Peak		
*		00 33.98 00 75.75	8.31 8.34	42. 29 84. 09	54.00 54.00	-11. 71 30. 09	AVG AVG	No	Limit
		00 83.87	8.34	92.21	74.00	18.21	Peak		Limit
	ARKS:	t Voluo – Pr	ading Lova	I + Correct Fa	actor				



511	Node	TX N(HT	40) Mo	ode 242	2 MHz		Polarizatio	n	Horizont	al
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0										
1										
0										
00	0.00 3550.00	6100.00	8650.0	00 112	200.00 1375	0.00 1630	0.00 18850	.00 21400).00	26500.00
										(MHz)
		D 1:	6		w					
	Freq.	Reading Level	Con Fac	rect	Measure ment	Limit	Margin			
	MHz	Level dBuV/m	Fac dB	ctor	ment dBuV/m	dBuV/m	dB	Detecto	or Con	ment
		Level dBuV/m 00 40.40	Fac	ctor 65	ment			Detecto Peak AVG	or Con	ment
	MHz 7275.700	Level dBuV/m 00 40.40	Fac dB 10.	ctor 65	ment dBuV/m 51.05	dBuV/m 74.00	dB −22. 95	Peak	or Con	nment
	MHz 7275.700	Level dBuV/m 00 40.40	Fac dB 10.	ctor 65	ment dBuV/m 51.05	dBuV/m 74.00	dB −22. 95	Peak	or Con	nment
	MHz 7275.700	Level dBuV/m 00 40.40	Fac dB 10.	ctor 65	ment dBuV/m 51.05	dBuV/m 74.00	dB −22. 95	Peak	or Con	nment
	MHz 7275.700	Level dBuV/m 00 40.40	Fac dB 10.	ctor 65	ment dBuV/m 51.05	dBuV/m 74.00	dB −22. 95	Peak	or Con	ment
	MHz 7275.700	Level dBuV/m 00 40.40	Fac dB 10.	ctor 65	ment dBuV/m 51.05	dBuV/m 74.00	dB −22. 95	Peak	or Cor	ment
⊧ MÆ	MHz 7275.700 7278.500	Level dBuV/m 00 40.40 00 30.15	Fac dB 10. 10.	65 65	ment dBuV/m 51.05 40.80	dBuV/m 74.00 54.00	dB −22. 95	Peak	or Cor	
⊧ MÆ	MHz 7275. 700 7278. 500	Leve1 dBuV/m 00 40. 40 00 30. 15	Fac dB 10. 10.	65 65	ment dBuV/m 51.05 40.80 + Correct F	dBuV/m 74.00 54.00	dB −22. 95	Peak	or Cor	ment
Me	MHz 7275. 700 7278. 500	Leve1 dBuV/m 00 40. 40 00 30. 15	Fac dB 10. 10.	65 65	ment dBuV/m 51.05 40.80	dBuV/m 74.00 54.00	dB −22. 95	Peak	or Cor	
⊧ MÆ	MHz 7275. 700 7278. 500	Leve1 dBuV/m 00 40. 40 00 30. 15	Fac dB 10. 10.	65 65	ment dBuV/m 51.05 40.80 + Correct F	dBuV/m 74.00 54.00	dB −22. 95	Peak	or Cor	ment
⊧ MÆ	MHz 7275. 700 7278. 500	Leve1 dBuV/m 00 40. 40 00 30. 15	Fac dB 10. 10.	65 65	ment dBuV/m 51.05 40.80 + Correct F	dBuV/m 74.00 54.00	dB −22. 95	Peak	or Con	
⊧ MA Me	MHz 7275. 700 7278. 500	Leve1 dBuV/m 00 40. 40 00 30. 15	Fac dB 10. 10.	65 65	ment dBuV/m 51.05 40.80 + Correct F	dBuV/m 74.00 54.00	dB −22. 95	Peak	or Cor	ment
	MHz 7275. 700 7278. 500	Leve1 dBuV/m 00 40. 40 00 30. 15	Fac dB 10. 10.	65 65	ment dBuV/m 51.05 40.80 + Correct F	dBuV/m 74.00 54.00	dB −22. 95	Peak	or Cor	ment

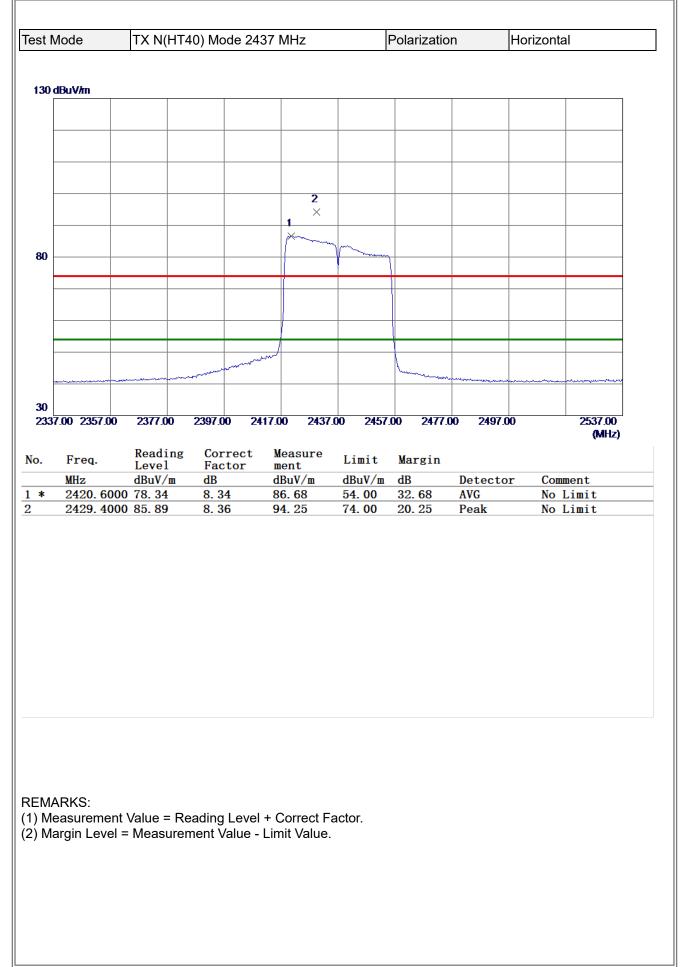






	Node	TX N(HT4	0) Mode 24	37 MHz		Polarizatio	on	Vertical	
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									(MHz)
		Deading	Commont	Veccure					
	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin			
-	MHz	Level dBuV/m	Factor dB	ment dBuV/m	dBuV/m	dB	Detecto	or Com	ment
		Level dBuV/m 0 47.60	Factor	ment			Detecto Peak AVG	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
	MHz 7308.000	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
*	MHz 7308.000 7318.650	Level dBuV/m 0 47.60	Factor dB 10.69	ment dBuV/m 58.29	dBuV/m 74. 00	dB −15. 71	Peak	or Com	ment
⊧ MA M€	MHz 7308.000 7318.650	Leve1 dBuV/m 0 47. 60 0 37. 89	Factor dB 10. 69 10. 70	ment dBuV/m 58. 29 48. 59 + Correct Fa	dBuV/m 74.00 54.00	dB −15. 71	Peak	or Com	ment
¥ ₩A	MHz 7308.000 7318.650	Leve1 dBuV/m 0 47. 60 0 37. 89	Factor dB 10. 69 10. 70	ment dBuV/m 58.29 48.59	dBuV/m 74.00 54.00	dB −15. 71	Peak	or Com	ment
Me	MHz 7308.000 7318.650	Leve1 dBuV/m 0 47. 60 0 37. 89	Factor dB 10. 69 10. 70	ment dBuV/m 58. 29 48. 59 + Correct Fa	dBuV/m 74.00 54.00	dB −15. 71	Peak	or Com	ment
* MA Me	MHz 7308.000 7318.650	Leve1 dBuV/m 0 47. 60 0 37. 89	Factor dB 10. 69 10. 70	ment dBuV/m 58. 29 48. 59 + Correct Fa	dBuV/m 74.00 54.00	dB −15. 71	Peak	or Com	ment
* MA Me	MHz 7308.000 7318.650	Leve1 dBuV/m 0 47. 60 0 37. 89	Factor dB 10. 69 10. 70	ment dBuV/m 58. 29 48. 59 + Correct Fa	dBuV/m 74.00 54.00	dB −15. 71	Peak	or Com	ment
¥ ₩A	MHz 7308.000 7318.650	Leve1 dBuV/m 0 47. 60 0 37. 89	Factor dB 10. 69 10. 70	ment dBuV/m 58. 29 48. 59 + Correct Fa	dBuV/m 74.00 54.00	dB −15. 71	Peak	or Com	ment

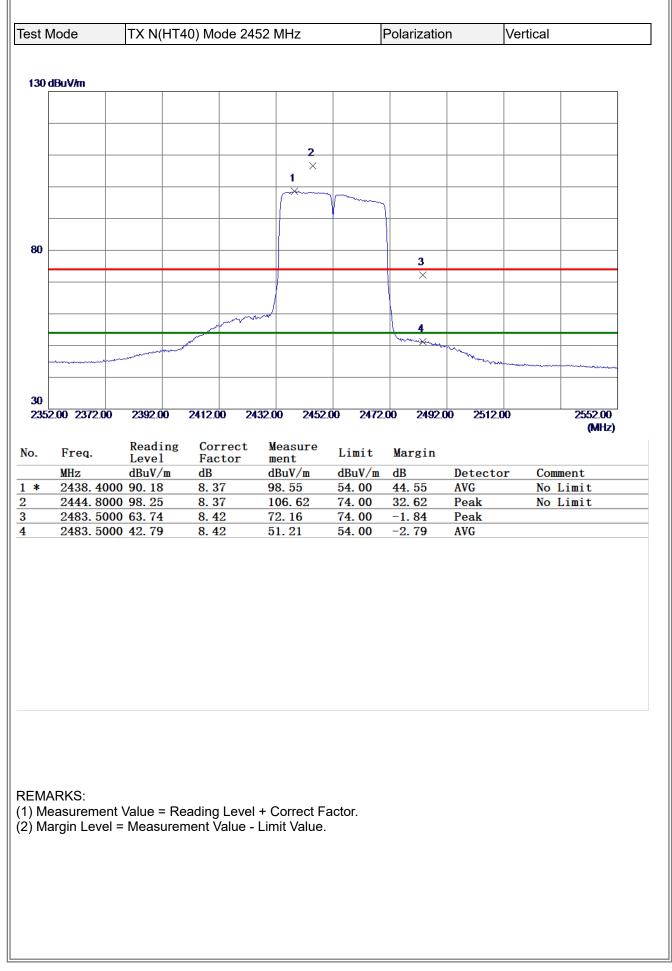






o. Freq. Reading Correct Measure Limit	×	est N	Node	TX N(HT4	0) Mode 24	37 MHz	l	Polarizatio	'n	Horizontal
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MHz Buv/m B	MHz Buv/m B	IOODOO 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 2650 N Freq. Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dB Detector Comment * 7357.1000 39.32 10.75 50.07 54.00 -3.93 AVG 7359.8000 49.74 10.76 60.50 74.00 -13.50 Peak										
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MHz dBuV/m dB dBuV/m dB dBuV/m dB v/m v/m v/m dB v/m v/m <thv m<="" th=""> <thv m<="" th=""> <thv m<="" th=""></thv></thv></thv>	MHz dBuV/m dB dBuV/m dB dBuV/m dB Devent Comment Comment	1000000 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 2650 N. Freq. Reading Correct Measure Limit Margin MHz dBuV/m dB Detector Comment * 7357.1000 39.32 10.76 50.07 54.00 -3.93 AVG 7359.8000 49.74 10.76 60.50 74.00 -13.50 Peak		-								
MHz Buv/m B	MHz Buv/m B	IOODOO 3550.00 6100.00 8650.00 11200.00 13750.00 16300.00 18850.00 21400.00 2650 N Freq. Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dB Detector Comment * 7357.1000 39.32 10.75 50.07 54.00 -3.93 AVG 7359.8000 49.74 10.76 60.50 74.00 -13.50 Peak	20									
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MHz Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment * 7357.1000 39.32 10.75 50.07 54.00 -3.93 AVG	MHz Level Factor ment Limit Margin MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment * 7357.1000 39.32 10.75 50.07 54.00 -3.93 AVG	MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment * 7357.1000 39.32 10.75 50.07 54.00 -3.93 AVG 7359.8000 49.74 10.76 60.50 74.00 -13.50 Peak			Poading	Correct	Moasuro					(MFIZ)
* 7357. 1000 39. 32 10. 75 50. 07 54. 00 −3. 93 AVG	* 7357. 1000 39. 32 10. 75 50. 07 54. 00 −3. 93 AVG	 * 7357. 1000 39. 32 10. 75 50. 07 54. 00 -3. 93 AVG 7359. 8000 49. 74 10. 76 60. 50 74. 00 -13. 50 Peak SMARKS: Measurement Value = Reading Level + Correct Factor.) .		Level	Factor	ment					
		T359. 8000 49. 74 10. 76 60. 50 74. 00 -13. 50 Peak EMARKS:) Measurement Value = Reading Level + Correct Factor.		MHz	dBuV/m			dBuV/m	dB		or Com	ment
		EMARKS: Measurement Value = Reading Level + Correct Factor.	*	7357 100	0 39 32	10 75	50 07	54 00	-3 93	AVG		
		Measurement Value = Reading Level + Correct Factor.	*									
		Measurement Value = Reading Level + Correct Factor.	*									
EMARKS:				7359. 800								
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.) Margin Level = Measurement Value - Limit Value.		EM.) M	7359. 800 ARKS: easuremen	00 49. 74 t Value = Re	10. 76	60. 50 + Correct F	74. 00 actor.				
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.) Margin Level = Measurement Value - Limit Value.) M	7359. 800 ARKS: easuremen	00 49. 74 t Value = Re	10. 76	60. 50 + Correct F	74. 00 actor.				
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.) Margin Level = Measurement Value - Limit Value.		EM.) M	7359. 800 ARKS: easuremen	00 49. 74 t Value = Re	10. 76	60. 50 + Correct F	74. 00 actor.				

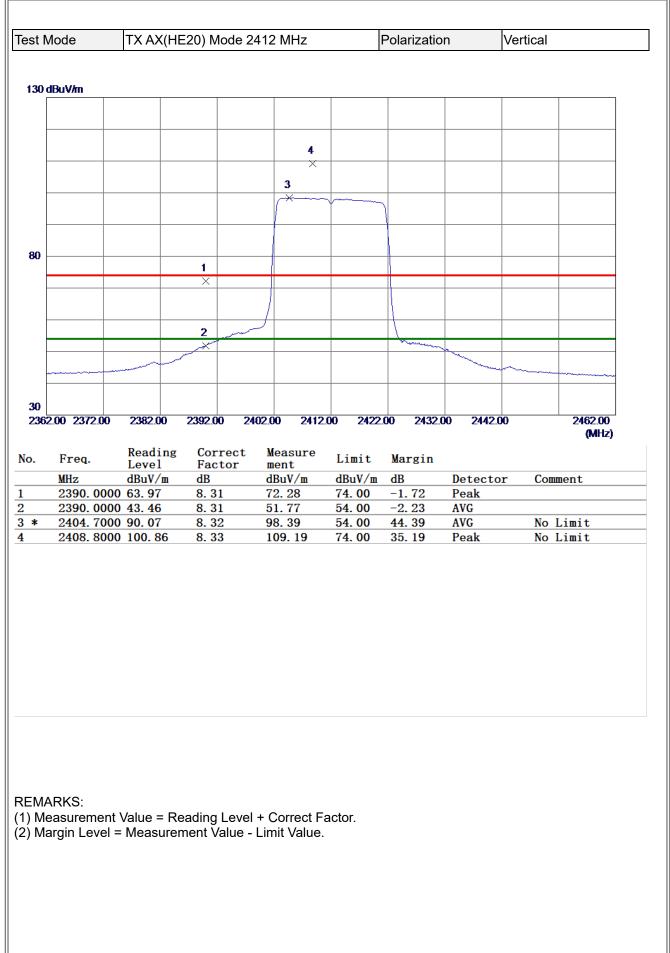


	ode	TX N(HT	40) Mod	e 2452 N	MHz		Polarizatio	n	Horizont	al
30 dB	uV/m									. <u> </u>
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352.0	0 2372.00	2392.00	2412.00	2432.0	0 2452.0	00 2472.	00 2492.0	0 2512.0	0	2552.00 (MHz)
	P	Reading	Corre	ect M	easure		. .			ç
	Freq.	Level	Facto	or me	ent	Limit	Margin	D		
	MHz 2435.600	dBuV/m 0 76 11	dB 8.36		BuV/m 4. 47	dBuV/m 54.00	dB 30. 47	Detecto: AVG		ment Limit
	2444. 400		8.37		2. 01	74.00	18.01	Peak		Limit
	2483.500		8.42		9.00 2.13	74.00	-15.00	Peak		
	2483. 500	0 33.71	8.42	44	2.13	54.00	-11.87	AVG		
	RKS:									



	Node	TX N(HT4	10) Mode	2452 MHz		Polarizatic	n	Horizonta	al
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	0.00 3550.00	6100.00	8650.00	11200.00 137	50.00 1630	0.00 18850	0.00 21400	0.00	26500.00
									(MHz)
	Freq.	Reading Level	Correc Factor	ct Measure r ment	Limit	Margin			
	MHz	Level dBuV/m	Factor dB	r ment dBuV/m	dBuV/m	dB	Detecto	or Com	ment
		Level dBuV/m 0 38.26	Factor	r ment			Detecto Peak AVG	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500	Level dBuV/m 0 38.26	Factor dB 10.76	r ment dBuV/m 49.02	dBuV/m 74. 00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500 7374.9000	Leve1 dBuV/m 0 38. 26 0 27. 52	Factor dB 10. 76 10. 78	r ment dBuV/m 49.02 38.30 vel + Correct F	dBuV/m 74.00 54.00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500 7374.9000	Leve1 dBuV/m 0 38. 26 0 27. 52	Factor dB 10. 76 10. 78	r ment dBuV/m 49.02 38.30	dBuV/m 74.00 54.00	dB -24. 98	Peak	<u>or Com</u>	ment
⊧ MÆ	MHz 7361.1500 7374.9000	Leve1 dBuV/m 0 38. 26 0 27. 52	Factor dB 10. 76 10. 78	r ment dBuV/m 49.02 38.30 vel + Correct F	dBuV/m 74.00 54.00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500 7374.9000	Leve1 dBuV/m 0 38. 26 0 27. 52	Factor dB 10. 76 10. 78	r ment dBuV/m 49.02 38.30 vel + Correct F	dBuV/m 74.00 54.00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500 7374.9000	Leve1 dBuV/m 0 38. 26 0 27. 52	Factor dB 10. 76 10. 78	r ment dBuV/m 49.02 38.30 vel + Correct F	dBuV/m 74.00 54.00	dB -24. 98	Peak	or Com	ment
	MHz 7361.1500 7374.9000	Leve1 dBuV/m 0 38. 26 0 27. 52	Factor dB 10. 76 10. 78	r ment dBuV/m 49.02 38.30 vel + Correct F	dBuV/m 74.00 54.00	dB -24. 98	Peak	or Com	ment







	Node	TX AX(HE	20) Mode 2	412 MHz		Polarizatio	n	Vertical	
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-20 1000	0.00 3550.00	6100.00	8650.00 11	1200.00 13750).00 1630	0.00 18850	.00 21400).00	26500.00
									(MHz)
		D 11	a	M					
0.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin			
).	MHz	Level dBuV/m	Factor dB	ment dBuV/m	dBuV/m	dB	Detecto	or Com	ment
		Level dBuV/m 0 51.73	Factor	ment			Detecto Peak AVG	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
	MHz 7231.175	Level dBuV/m 0 51.73	Factor dB 10.59	ment dBuV/m 62.32	dBuV/m 74. 00	dB -11.68	Peak	or Com	ment
*	MHz 7231.175 7236.650	Level dBuV/m 0 51.73 0 41.76	Factor dB 10.59 10.60	ment dBuV/m 62.32 52.36	dBuV/m 74.00 54.00	dB -11.68	Peak	or Com	ment
* ====================================	MHz 7231.175 7236.650	Leve1 dBuV/m 0 51. 73 0 41. 76	Factor dB 10. 59 10. 60	ment dBuV/m 62. 32 52. 36 + Correct Fa	dBuV/m 74.00 54.00	dB -11.68	Peak	or Com	ment
* EM4	MHz 7231.175 7236.650	Leve1 dBuV/m 0 51. 73 0 41. 76	Factor dB 10. 59 10. 60	ment dBuV/m 62.32 52.36	dBuV/m 74.00 54.00	dB -11.68	Peak	or Com	ment
* ====================================	MHz 7231.175 7236.650	Leve1 dBuV/m 0 51. 73 0 41. 76	Factor dB 10. 59 10. 60	ment dBuV/m 62. 32 52. 36 + Correct Fa	dBuV/m 74.00 54.00	dB -11.68	Peak	or Com	ment
* ====================================	MHz 7231.175 7236.650	Leve1 dBuV/m 0 51. 73 0 41. 76	Factor dB 10. 59 10. 60	ment dBuV/m 62. 32 52. 36 + Correct Fa	dBuV/m 74.00 54.00	dB -11.68	Peak	or Com	ment
* EM4	MHz 7231.175 7236.650	Leve1 dBuV/m 0 51. 73 0 41. 76	Factor dB 10. 59 10. 60	ment dBuV/m 62. 32 52. 36 + Correct Fa	dBuV/m 74.00 54.00	dB -11.68	Peak	or Com	ment
) Me	MHz 7231.175 7236.650	Leve1 dBuV/m 0 51. 73 0 41. 76	Factor dB 10. 59 10. 60	ment dBuV/m 62. 32 52. 36 + Correct Fa	dBuV/m 74.00 54.00	dB -11.68	Peak	or Com	ment

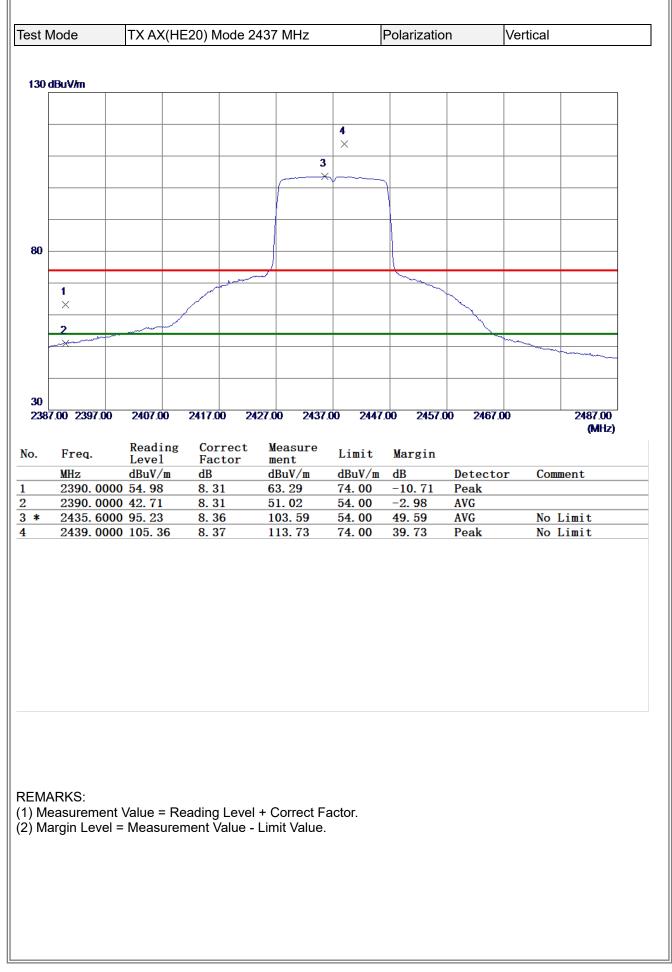


	Mode	TX AX(H	E20) Mo	de 2412 MHz		Polarizatio	n ł	Horizontal
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	2.00 2372.00	2382.00	2392.00	2402.00 2412	.00 2422	.00 2432.0	00 2442.00	
		D 1:	0					(MHz)
-	Freq.	Reading Level	Corre Facto	or ment	Limit	Margin		
	MHz 2390.000	dBuV/m	dB 8.31	dBuV/m 50.76	dBuV/m 74.00	dB -23. 24	Detector Peak	Comment
	2390.000	0 33. 56	8.31	41.87	54.00	-12.13	AVG	
*	2410. 300	0 79 33	8.33	87.66	54.00	33.66	AVG	No Limit
			8.33	97.64	74.00	23.64	Peak	No Limit
	2413.000		8. 33	97.64	74.00	23.64	Peak	No Limit
			8. 33	97.64	74.00	23. 64	Peak	<u>No Limit</u>
			8.33	97.64	74.00	23.64	Peak	No Limit
			8. 33	97.64	74.00	23. 64	Peak	No Limit
EMA	2413. 000	00 89. 31				23.64	Peak	No Limit
=MA) M(2413. 000 ARKS: easuremen	00 89. 31 t Value = R	eading L	evel + Correct F	actor.	23.64	Peak	No Limit
=MA) M(2413. 000 ARKS: easuremen	00 89. 31 t Value = R	eading L		actor.	23.64	Peak	No Limit
=MA) M(2413. 000 ARKS: easuremen	00 89. 31 t Value = R	eading L	evel + Correct F	actor.	23.64	Peak	No Limit
=MA) M(2413. 000 ARKS: easuremen	00 89. 31 t Value = R	eading L	evel + Correct F	actor.	23.64	Peak	No Limit
=MA) M(2413. 000 ARKS: easuremen	00 89. 31 t Value = R	eading L	evel + Correct F	actor.	23.64	Peak	No Limit
EMA	2413. 000 ARKS: easuremen	00 89. 31 t Value = R	eading L	evel + Correct F	actor.	23.64	Peak	No Limit



	ode	TX AX(H	E20) Mo	de 2412	MHz		Polarizatio	n	Horizont	tal
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20 000.	.00 3550.00	6100.00	8650.00	11200	00 13750	0.00 1630	0.00 18850	0.00 21400	0.00	26500.00
										(MHz)
	Freq.	Reading	Corre	ect M	easure					
	IICq.	Level	Facto	or m	ent	Limit	Margin			
	MHz	dBuV/m	Facto dB	or m dl	ent BuV/m	dBuV/m	dB	Detecto	or Cor	nment
		dBuV/m 0 27.45	Facto	or m dl 7 38	ent			Detecto AVG Peak	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	ment
	MHz 7219.100	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	nment
*	MHz 7219.100 7229.375	dBuV/m 0 27.45	Facto dB 10. 57	or m dl 7 38	ent BuV/m 8. 02	dBuV/m 54.00	dB -15. 98	AVG	or Cor	ment
* MAI	MHz 7219. 100 7229. 375	dBuV/m 0 27.45 0 38.31	Facto dB 10. 55 10. 55	or m dl 7 33 9 43	ent BuV/m 3. 02 3. 90	dBuV/m 54.00 74.00	dB -15. 98	AVG	or Cor	nment
* MAI Mea	MHz 7219. 100 7229. 375	dBuV/m 0 27. 45 0 38. 31	Facto dB 10. 57 10. 59	or m dl 7 38 9 48	ent BuV/m 3. 02 3. 90 Correct Fa	dBuV/m 54.00 74.00	dB -15. 98	AVG	or Cor	ment
* MAI Mea	MHz 7219. 100 7229. 375	dBuV/m 0 27. 45 0 38. 31	Facto dB 10. 57 10. 59	or m dl 7 38 9 48	ent BuV/m 3. 02 3. 90 Correct Fa	dBuV/m 54.00 74.00	dB -15. 98	AVG	or Cor	nment
* MAI Mea	MHz 7219. 100 7229. 375	dBuV/m 0 27. 45 0 38. 31	Facto dB 10. 57 10. 59	or m dl 7 38 9 48	ent BuV/m 3. 02 3. 90 Correct Fa	dBuV/m 54.00 74.00	dB -15. 98	AVG	or Cor	ment
* MAI Mea	MHz 7219. 100 7229. 375	dBuV/m 0 27. 45 0 38. 31	Facto dB 10. 57 10. 59	or m dl 7 38 9 48	ent BuV/m 3. 02 3. 90 Correct Fa	dBuV/m 54.00 74.00	dB -15. 98	AVG	or Cor	ment
* MAI Mea	MHz 7219. 100 7229. 375	dBuV/m 0 27. 45 0 38. 31	Facto dB 10. 57 10. 59	or m dl 7 38 9 48	ent BuV/m 3. 02 3. 90 Correct Fa	dBuV/m 54.00 74.00	dB -15. 98	AVG	or Cor	ment

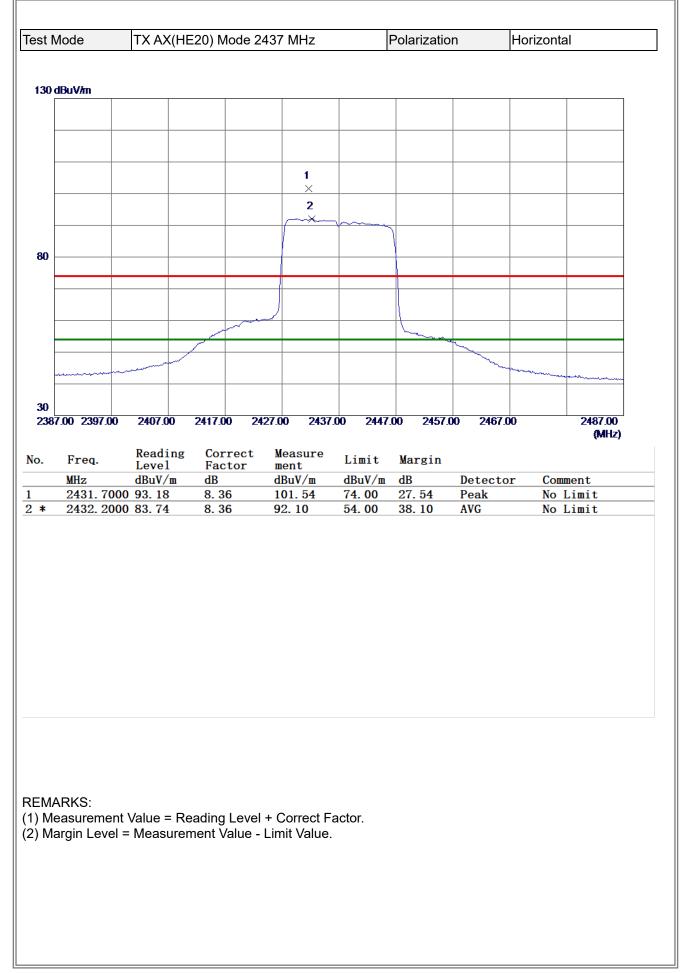






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* 7311. 6250 40. 83 10. 70 51. 53 54. 00 -2. 47 AVG	* 7311.6250 40.83 10.70 51.53 54.00 -2.47 AVG	* 7311.6250 40.83 10.70 51.53 54.00 -2.47 AVG									
			*	7311.625	60 40.83	10.70	51. 53	54. 00	-2. 47	AVG	
) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor.) Measurement Value = Reading Level + Correct Factor. !) Margin Level = Measurement Value - Limit Value.) Me	easuremen	t Value = Re = Measuren	ading Leve	el + Correct Fa - Limit Value.	actor.			
) Measurement Value = Reading Level + Correct Factor.	EMARKS: I) Measurement Value = Reading Level + Correct Factor. 2) Margin Level = Measurement Value - Limit Value.) Measurement Value = Reading Level + Correct Factor. ?) Margin Level = Measurement Value - Limit Value.	1) Me	easuremen	t Value = Re = Measuren	ading Leve	el + Correct Fa - Limit Value.	actor.			

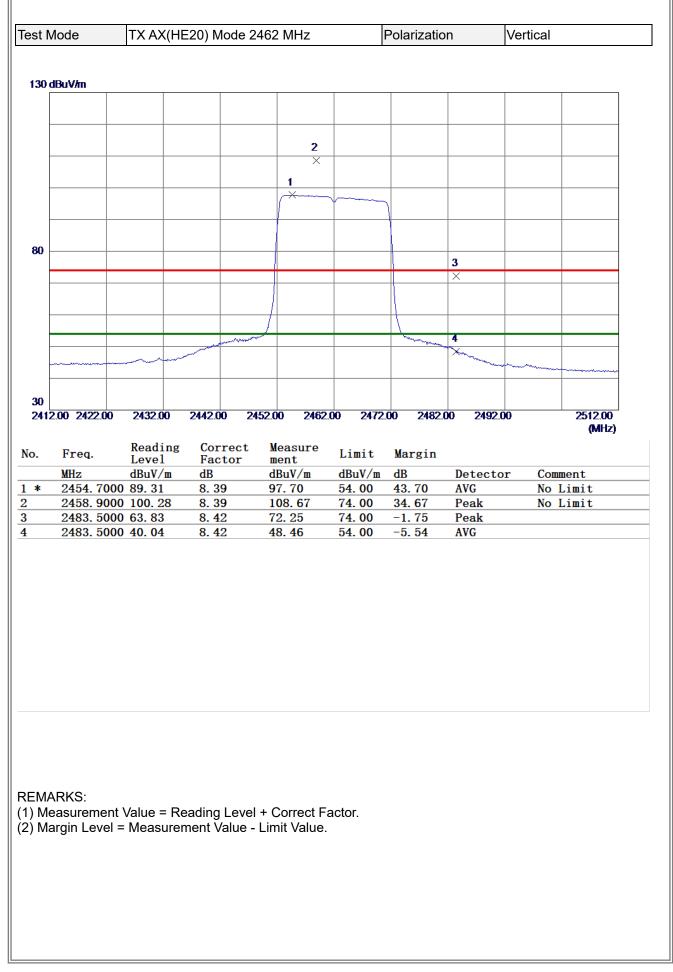






st M	lode	TX AX(H	E20) Mo	ode 243	37 MHz	F	Polarizatio	n	Horizont	al
	D.4//									
	BuV/m									
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0						0.00 40304	0.00 18850	0.00 21400		26500.00
000	00 3550.00	6100.00	8650.00	1120	0.00 13750	1111 11.51				
000.	0.00 3550.00	6100.00	8650.00	1120	0.00 13750	0.00 16300				(MHz)
	.00 3550.00 Freq.	Reading	Corr	ect	Measure	Limit	Margin			
	Freq. MHz	Reading Level dBuV/m	Corr Fact dB	rect or	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detecto		
•	Freq.	Reading Level dBuV/m 0 38.60	Corr Fact	rect or 7	Measure ment	Limit	Margin			(MHz)
-	Freq. MHz 7293.350	Reading Level dBuV/m 0 38.60	Corr Fact dB 10.6	rect or 7	Measure ment dBuV/m 49.27	Limit dBuV/m 74.00	Margin dB -24.73	Detecto Peak		(MHz)
-	Freq. MHz 7293.350	Reading Level dBuV/m 0 38.60	Corr Fact dB 10.6	rect or 7	Measure ment dBuV/m 49.27	Limit dBuV/m 74.00	Margin dB -24.73	Detecto Peak		(MHz)
-	Freq. MHz 7293.350	Reading Level dBuV/m 0 38.60	Corr Fact dB 10.6	rect or 7	Measure ment dBuV/m 49.27	Limit dBuV/m 74.00	Margin dB -24.73	Detecto Peak		(MHz)
-	Freq. MHz 7293.350	Reading Level dBuV/m 0 38.60	Corr Fact dB 10.6	rect or 7	Measure ment dBuV/m 49.27	Limit dBuV/m 74.00	Margin dB -24.73	Detecto Peak		(MHz)
-	Freq. MHz 7293.350	Reading Level dBuV/m 0 38.60	Corr Fact dB 10.6	rect or 7	Measure ment dBuV/m 49.27	Limit dBuV/m 74.00	Margin dB -24.73	Detecto Peak		(MHz)
-	Freq. MHz 7293.350	Reading Level dBuV/m 0 38.60	Corr Fact dB 10.6	rect or 7	Measure ment dBuV/m 49.27	Limit dBuV/m 74.00	Margin dB -24.73	Detecto Peak		(MHz)
-	Freq. MHz 7293.350	Reading Level dBuV/m 0 38.60	Corr Fact dB 10.6	rect or 7	Measure ment dBuV/m 49.27	Limit dBuV/m 74.00	Margin dB -24.73	Detecto Peak		(MHz)
	Freq. MHz 7293.350 7308.500	Reading Level dBuV/m 0 38.60	Corr Fact dB 10.6	rect or 7	Measure ment dBuV/m 49.27	Limit dBuV/m 74.00	Margin dB -24.73	Detecto Peak		(MHz)
* MA	Freq. <u>MHz</u> 7293.350 7308.500	Reading Level dBuV/m 0 38.60 0 27.05	Corr Fact dB 10. 6 10. 6	rect or 7 9	Measure ment dBuV/m 49.27 37.74	Limit dBuV/m 74.00 54.00 54.00	Margin dB -24.73	Detecto Peak		(MHz)
* MA	Freq. <u>MHz</u> 7293.350 7308.500	Reading Level dBuV/m 0 38.60 0 27.05	Corr Fact dB 10. 6 10. 6	rect or 7 9	Measure ment dBuV/m 49.27 37.74	Limit dBuV/m 74.00 54.00 54.00	Margin dB -24.73	Detecto Peak		(MHz)
* MA	Freq. <u>MHz</u> 7293.350 7308.500	Reading Level dBuV/m 0 38.60 0 27.05	Corr Fact dB 10. 6 10. 6	rect or 7 9	Measure ment dBuV/m 49.27 37.74	Limit dBuV/m 74.00 54.00 54.00	Margin dB -24.73	Detecto Peak		(MHz)
* MA	Freq. <u>MHz</u> 7293.350 7308.500	Reading Level dBuV/m 0 38.60 0 27.05	Corr Fact dB 10. 6 10. 6	rect or 7 9	Measure ment dBuV/m 49.27 37.74	Limit dBuV/m 74.00 54.00 54.00	Margin dB -24.73	Detecto Peak		(MHz)
* MA	Freq. <u>MHz</u> 7293.350 7308.500	Reading Level dBuV/m 0 38.60 0 27.05	Corr Fact dB 10. 6 10. 6	rect or 7 9	Measure ment dBuV/m 49.27 37.74	Limit dBuV/m 74.00 54.00 54.00	Margin dB -24.73	Detecto Peak		(MHz)







stl	Mode	TX AX(ł	HE20) N	lode 24	62 MHz		Polarizatio	n	Vertical	
80 c	1BuV/m									
			1							
			× 2							
			×							
30										
-20										
	0.00 3550.00	6100.00	8650.0	0 112	00.00 13750	0.00 1630	0.00 18850	.00 21400).00	26500.00 (MHz)
о.	Freq.	Readin Level	g Cor Fac	rect	Measure ment	Limit	Margin			
	MHz	dBuV/m	dB		dBuV/m	dBuV/m		Detecto	or Com	ment
*		00 51.88 50 41.44	10. 10.		62.66 52.23	74.00 54.00	-11. 34 -1. 77	Peak AVG		

BIL

	lode	TX AX(HI	E20) Mode	2462 MHz		Polarizatio	on	Horizont	al
400	10.4 <i>4</i>								
1300	lBuV/m								
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	2.00 2422.00	2432.00	2442.00	2452.00 246	2.00 2472	.00 2482.	00 2492	.00	2512.00 (MHz)
o.	Freq.	Reading	Correct		Limit	Margin			
	MHz	Level dBuV/m	Factor dB		dBuV/m		Detect	or Com	ment
*	2464. 200		8.40	87.17	54.00	33.17	AVG		Limit
	2464.700 2483.500		8.40	96.93	74.00	22.93	Peak	No	Limit
		11 41 75	8.42	50.17	74.00 54.00	-23.83 -12.35	Peak AVG		
	2483. 500		8.42	41.65		10.00			
			8. 42	41.65		10.00			
			8. 42	41. 65		121.00			
			8.42	41. 65					
			8.42	41. 65		10.00			
			8.42	41. 65					
			8.42	41. 65					
			8.42	41. 65					
			8.42	41. 65					
			8.42	41. 65					
			8.42	41. 65					
			8.42	41. 65					
			8.42	41. 65					
EMA ) Me	2483. 500 ARKS:	00 33. 23 t Value = R	eading Leve	el + Correct F	-actor.				
EMA ) Me	2483. 500 ARKS:	00 33. 23 t Value = R	eading Leve		-actor.				
EMA ) Me	2483. 500 ARKS:	00 33. 23 t Value = R	eading Leve	el + Correct F	-actor.				
EMA ) Me	2483. 500 ARKS:	00 33. 23 t Value = R	eading Leve	el + Correct F	-actor.				
EMA ) Me	2483. 500 ARKS:	00 33. 23 t Value = R	eading Leve	el + Correct F	-actor.				
EMA ) Me	2483. 500 ARKS:	00 33. 23 t Value = R	eading Leve	el + Correct F	-actor.				



511	Node	TX AX(HE	20) Mod	e 2462 MHz		Polarizatic	n	Horizonta	al
0 d	lBuV/m						1		
			2						
-			×						
			1						
			×						
0									
$\left  \right $									
0 00	0.00 3550.00	6100.00	8650.00	11200.00 137	/50.00 1630	0.00 18850	0.00 21400	 	26500.00
									(MHz)
	Freq.	Reading Level	Correc	ct Measure	Limit	Margin			
	MHz	Level dBuV/m	Factor dB	r ment dBuV/m	dBuV/m	dB	Detecto	or Com	ment
		Level dBuV/m 0 28.17	Factor	r ment	LIMIT		Detecto AVG Peak	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	o <u>r Com</u>	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	o <u>r Com</u>	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
	MHz 7381.275	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	o <u>r Com</u>	ment
×	MHz 7381.275 7396.100	Level dBuV/m 0 28.17	Factor dB 10.79	r ment dBuV/m 38.96	dBuV/m 54.00	dB -15.04	AVG	or Com	ment
* 	MHz 7381.275 7396.100	Level dBuV/m 0 28.17 0 39.30	Factor dB 10. 79 10. 80	r ment dBuV/m 38.96 50.10	dBuV/m 54.00 74.00	dB -15.04	AVG	or Com	ment
⊧ M⁄	MHz 7381.275( 7396.1000	Leve1 dBuV/m 0 28. 17 0 39. 30	Factor dB 10. 79 10. 80	r ment dBuV/m 38.96	Galaxia Factor.	dB -15.04	AVG	or Com	ment
⊧ M⁄	MHz 7381.275( 7396.1000	Leve1 dBuV/m 0 28. 17 0 39. 30	Factor dB 10. 79 10. 80	r ment dBuV/m 38.96 50.10 evel + Correct	Galaxia Factor.	dB -15.04	AVG	or Com	ment
⊧ M⁄	MHz 7381.275( 7396.1000	Leve1 dBuV/m 0 28. 17 0 39. 30	Factor dB 10. 79 10. 80	r ment dBuV/m 38.96 50.10 evel + Correct	Galaxia Factor.	dB -15.04	AVG	or Com	ment
⊧ MÆ	MHz 7381.275( 7396.1000	Leve1 dBuV/m 0 28. 17 0 39. 30	Factor dB 10. 79 10. 80	r ment dBuV/m 38.96 50.10 evel + Correct	Galaxia Factor.	dB -15.04	AVG	o <u>r Com</u>	ment
	MHz 7381.275( 7396.1000	Leve1 dBuV/m 0 28. 17 0 39. 30	Factor dB 10. 79 10. 80	r ment dBuV/m 38.96 50.10 evel + Correct	Galaxia Factor.	dB -15.04	AVG	o <u>r Com</u>	ment



(MHz)         Reading Level         Correct Factor         Measure ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           2390.0000         52.63         8.31         60.94         74.00         -13.06         Peak           2390.0000         44.00         8.31         52.31         54.00         -1.69         AVG           *         2404.2000         86.25         8.32         94.57         54.00         40.57         AVG         No Limit		ode	TX AX(HI	E40) Mode	2422 MHz		Polarizatio	n	Vertical	
80         3           30         1           22         1           30         22           30         22           30         232           30         232           30         232           30         232           30         232           30         232           30         232           30         232           30         232           30         232           30         232           30         232           30         232           30         232           30         2342.00           2362.00         2382.00           2402.00         2422.00           2442.00         2462.00           2482.00         2522.00           (MHz)         BuV/m           MHz         BuV/m           dBuV/m         dBuV/m           2390.0000         52.63           8.31         60.94           2390.0000         44.00           8.31         52.31           54.00         -1.69           404.2000 <td< th=""><th>130 de</th><th>∂u\/<i>k</i>m</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	130 de	∂u\/ <i>k</i> m								
80         3         3           30         1         1           22         1         1           30         2         1           30         2         1           30         2         1           30         2         1           22200         2362.00         2382.00         2402.00         2422.00         2462.00         2482.00         2522.00           30         2322.00         2362.00         2402.00         2422.00         2462.00         2482.00         2522.00           30         2322.00         2362.00         2382.00         2402.00         2462.00         2482.00         2522.00           30         2390.0000         2362.00         2382.00         2402.00         2462.00         2482.00         2522.00           30         2390.0000         2362.00         2382.00         2402.00         2462.00         2482.00         2522.00           30         1         1         1         1         1         1         1           2390.0000         2362.00         2382.00         2402.00         2462.00         2482.00         2522.00         (MHz)           2390.0000										
80         3         3           30         1         2           30         2         1           30         2         1           30         2         1           30         2         1           30         2322.00         2362.00         2402.00         2422.00         2462.00         2482.00         2522.00           0.         Freq.         Reading Level         Correct Factor         Measure ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dB         Detector         Comment           2390.0000         52.63         8.31         60.94         74.00         -13.06         Peak           2390.0000         44.00         8.31         52.31         54.00         -1.69         AVG           *         2404.2000         86.25         8.32         94.57         54.00         40.57         AVG         No Limit										
No.         Freq.         Reading Level         Correct Factor         Measure ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dB         Detector         Comment           2390.0000         52.63         8.31         60.94         74.00         -13.06         Peak           2390.0000         44.00         8.31         52.31         54.00         -13.06         Peak           2390.0000         48.20         8.32         94.57         54.00         40.57         AVG         No Limit										
80       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1										
30       1	_				3					
30       1							\			
30       1	00									
30       2       2       1       1         30       2322.00       2362.00       2382.00       2402.00       2422.00       2462.00       2482.00       2522.00         30       2322.00       2362.00       2382.00       2402.00       2422.00       2462.00       2482.00       2522.00         30       MHz       dBuV/m       dB       dBuV/m       dB       Detector       Comment         MHz       dBuV/m       dB       dBuV/m       dB       Detector       Comment         2390.0000       52.63       8.31       60.94       74.00       -13.06       Peak         2390.0000       44.00       8.31       52.31       54.00       -1.69       AVG         *       2404.2000       86.25       8.32       94.57       54.00       40.57       AVG       No Limit	80									
30       2       2       1       1         30       2322.00       2362.00       2382.00       2402.00       2422.00       2462.00       2482.00       2522.00         30       2322.00       2362.00       2382.00       2402.00       2422.00       2462.00       2482.00       2522.00         30       MHz       dBuV/m       dB       dBuV/m       dB       Detector       Comment         MHz       dBuV/m       dB       dBuV/m       dB       Detector       Comment         2390.0000       52.63       8.31       60.94       74.00       -13.06       Peak         2390.0000       44.00       8.31       52.31       54.00       -1.69       AVG         *       2404.2000       86.25       8.32       94.57       54.00       40.57       AVG       No Limit										
30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>										
30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30 <td< td=""><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	_									
2322.00       2342.00       2362.00       2382.00       2402.00       2422.00       2442.00       2462.00       2482.00       2522.00       (MHz)         o.       Freq.       Reading Level       Correct Measure Factor ment       Limit Margin       Margin       (MHz)         MHz       dBuV/m       dB       dBuV/m       dBuV/m       dB       Detector       Comment         2390.0000       52.63       8.31       60.94       74.00       -13.06       Peak         2390.0000       44.00       8.31       52.31       54.00       -1.69       AVG         *       2404.2000       86.25       8.32       94.57       54.00       40.57       AVG       No Limit							- manual mark			
2322.00       2342.00       2362.00       2382.00       2402.00       2422.00       2442.00       2462.00       2482.00       2522.00       (MHz)         o.       Freq.       Reading Level       Correct Measure Factor ment       Limit Margin       Margin       (MHz)         MHz       dBuV/m       dB       dBuV/m       dBuV/m       dB       Detector       Comment         2390.0000       52.63       8.31       60.94       74.00       -13.06       Peak         2390.0000       44.00       8.31       52.31       54.00       -1.69       AVG         *       2404.2000       86.25       8.32       94.57       54.00       40.57       AVG       No Limit									·····	
MHz       Reading Level       Correct Factor       Measure ment       Limit       Margin         MHz       dBuV/m       dB       dBuV/m       dB       Detector       Comment         2390.0000       52.63       8.31       60.94       74.00       -13.06       Peak         2390.0000       44.00       8.31       52.31       54.00       -1.69       AVG         *       2404.2000       86.25       8.32       94.57       54.00       40.57       AVG       No Limit										
o.         Freq.         Level         Factor         ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           2390.0000         52.63         8.31         60.94         74.00         -13.06         Peak           2390.0000         44.00         8.31         52.31         54.00         -1.69         AVG           *         2404.2000         86.25         8.32         94.57         54.00         40.57         AVG         No Limit	2322.0	00 2342.00	2362.00	2382.00	2402.00 2422	.00 2442.	.00 2462.0	0 2482.0	0	
MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           2390.0000         52.63         8.31         60.94         74.00         -13.06         Peak           2390.0000         44.00         8.31         52.31         54.00         -1.69         AVG           *         2404.2000         86.25         8.32         94.57         54.00         40.57         AVG         No Limit	<b>o</b> .	Freq.				Limit	Margin			
2390.0000 44.00       8.31       52.31       54.00       -1.69       AVG         *       2404.2000 86.25       8.32       94.57       54.00       40.57       AVG       No Limit			dBuV/m	dB	dBuV/m				r Com	lent
* 2404.2000 86.25 8.32 94.57 54.00 40.57 AVG No Limit										
2404.8000 96.60 8.32 104.92 74.00 30.92 Peak No Limit	} *	2404.200	0 86.25	8.32	94. 57	<b>54.00</b>	40. 57	AVG		
		2404.800	0 96.60	8. 32	104. 92	74.00	<b>30. 9</b> 2	Peak	No I	limit



	lode	TX AX(H	E40) Mode 2	2422 MHz	I	Polarizatio	n	Vertical	
	3uV/m								
w at									
			2						
			×						
-			X						
0									
0									
0 000	.00 3550.00	6100.00	8650.00 1	1200.00 1375	0.00 1630	0.00 18850	.00 21400	00	26500.00
									(MHz)
	Freq.	Reading Level	Factor	Measure ment	Limit	Margin			
k	MHz 7260. 2000	dBuV/m 38, 19	dB 10.63	dBuV/m 48.82	dBuV/m 54.00	dB -5. 18	Detecto AVG	r Co	mment
	7271. 100		10.64	59.01	74.00	-14. 99	Peak		
Me	RKS: asurement rgin Level :	Value = R = Measure	eading Leve ment Value	l + Correct F - Limit Value.	actor.				

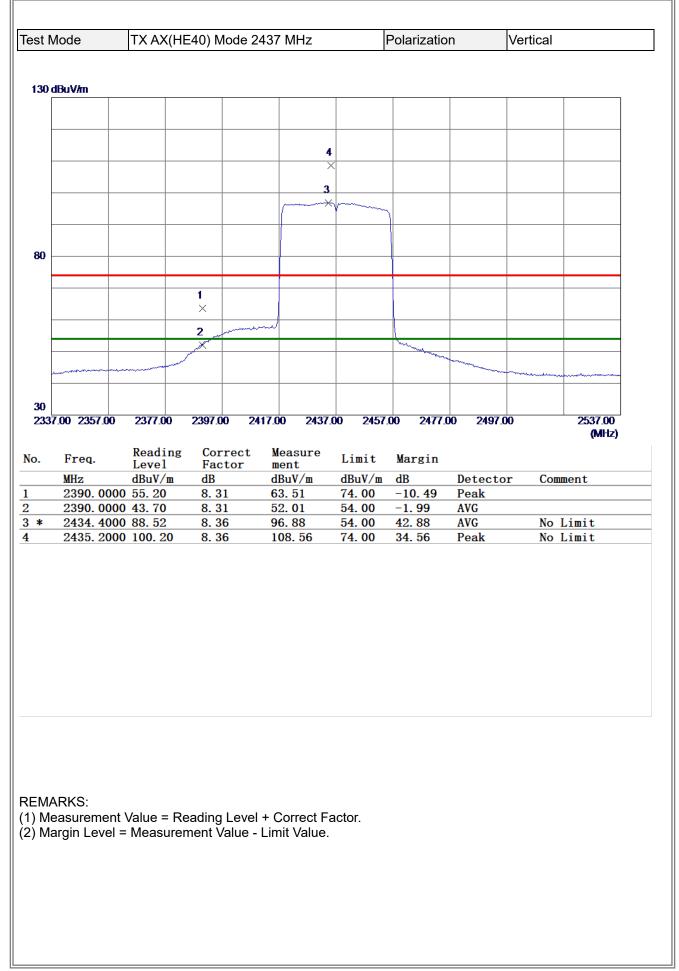
## **B**L

st N	lode	TX AX(H	E40) Mode 2	2422 MHz		Polarizatio	n	Horizontal
<b>130</b> o	jBuV/m							
-								
-				4				
80 -				X	Y			
			1 ×					
			2					
	<u></u>		X-					
30	2.00 2342.00	2362.00	2382.00 2	402.00 2422.0	00 2442	00 0400	00 0400	00 2522.00
<b>Z3</b> 21	2.00 2342.00		Z38Z.00 Z	402.00 2422.	JU Z44Z.	.00 2462.0	00 2482.	00 2522.00 (MHz
<b>)</b> .	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz 2390.000	dBuV/m 0 45.73	dB 8.31	dBuV/m 54.04	dBuV/m 74.00	dB -19.96	Detecto Peak	or Comment
*	2390.000 2412.400		8.31 8.33	42.89 85.02	54.00 54.00	-11. 11 31. 02	AVG AVG	No Limit
·			8.34	94. 73	74.00	20.73	Peak	No Limit
	2418. 200	0 80.39						
	2418. 200	0 80.39						

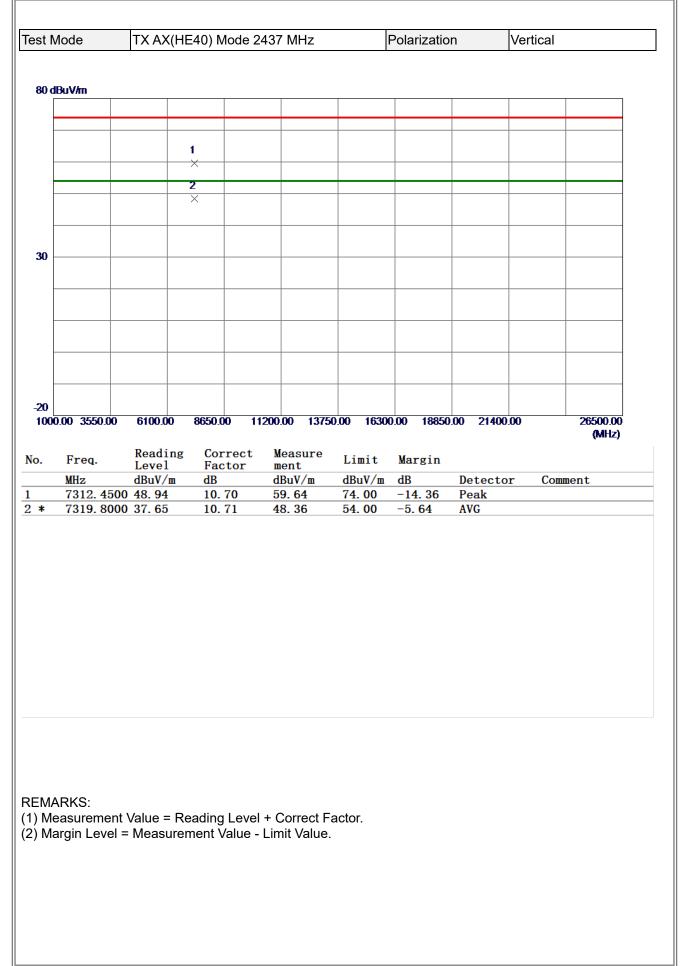


	lode	TX AX(ł	HE40) M	lode 242	22 MHz	I	Polarizatio	'n	Horizont	al
30 dE	3uV/m									
-			2 ×							
			1							
			×							
0										
┝										
0										
000.	.00 3550.00	6100.00	8650.0	0 1120	0.00 13750	1630	0.00 18850	0.00 21400	0.00	26500.00 (MHz)
	Freq.	Readin	g Cor	rect	Measure	Limit	Margin			
	Freq. MHz	Readin Level dBuV/m	g Cor Fac dB	tor	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detecto	or Con	ment
		Level dBuV/m 0 27.62	Fac	tor 65	ment		dB	Detecto AVG Peak	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Com	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
	MHz 7277.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
*	MHz 7277.000 7284.000	Level dBuV/m 0 27.62	Fac dB 10.	tor 65	ment dBuV/m 38.27	dBuV/m 54. 00	dB −15. 73	AVG	or Con	ment
<b>⊧</b> MA	MHz 7277.000 7284.000	Level dBuV/m 0 27.62 0 37.62	Fac dB 10. (	tor 65 66	ment dBuV/m 38. 27 48. 28	dBuV/m 54.00 74.00	dB −15. 73	AVG	or Con	ment
* MA Me	MHz 7277.000 7284.000	Leve1 dBuV/m 0 27. 62 0 37. 62	Fac dB 10. 10.	tor 65 66	ment dBuV/m 38. 27 48. 28 Correct Fa	dBuV/m 54.00 74.00	dB −15. 73	AVG	or Con	ment
* MA Me	MHz 7277.000 7284.000	Leve1 dBuV/m 0 27. 62 0 37. 62	Fac dB 10. 10.	tor 65 66	ment dBuV/m 38. 27 48. 28 Correct Fa	dBuV/m 54.00 74.00	dB −15. 73	AVG	or Con	ment
Me	MHz 7277.000 7284.000	Leve1 dBuV/m 0 27. 62 0 37. 62	Fac dB 10. 10.	tor 65 66	ment dBuV/m 38. 27 48. 28 Correct Fa	dBuV/m 54.00 74.00	dB −15. 73	AVG	or Con	ment
* MA Me	MHz 7277.000 7284.000	Leve1 dBuV/m 0 27. 62 0 37. 62	Fac dB 10. 10.	tor 65 66	ment dBuV/m 38. 27 48. 28 Correct Fa	dBuV/m 54.00 74.00	dB −15. 73	AVG	or Con	ment
* MA Me	MHz 7277.000 7284.000	Leve1 dBuV/m 0 27. 62 0 37. 62	Fac dB 10. 10.	tor 65 66	ment dBuV/m 38. 27 48. 28 Correct Fa	dBuV/m 54.00 74.00	dB −15. 73	AVG	or Con	ment

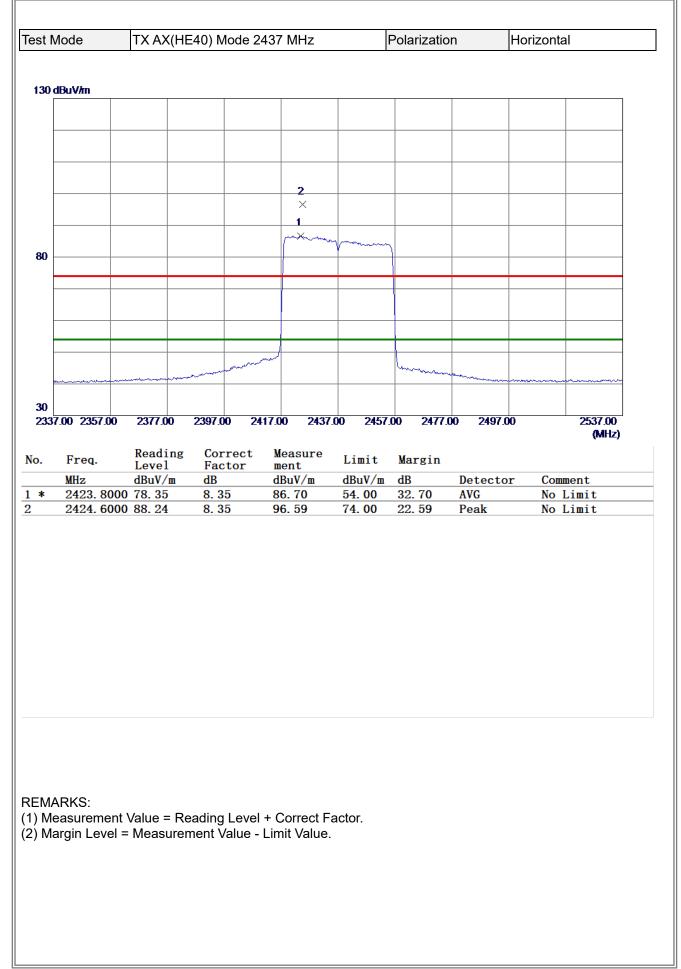








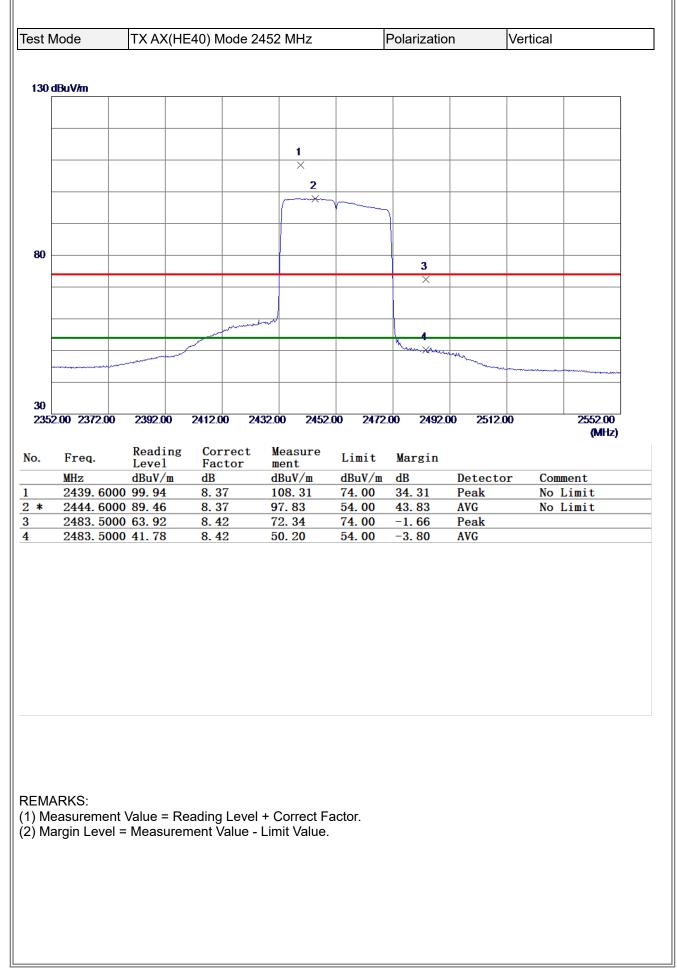






st M	lode	TX AX(I	1E40) N	/lode 24	437 MHz		Polarizatio	n	Horizon	tal
30 dE	BuV/m									
-										
			- <b>1</b>			_				
			2							
			×							
<b>10</b>										
┝										
$\vdash$										
	.00 3550.00	6100.00	8650.0	0 11	200.00 1375	0.00 1630	0.00 18850	).00 21400		26500.00
000.		0100.00	0000		200:00 1513	0.00 10.00	0.00 1000	21400		(MHz)
-	Freq.	Readin: Level	g Coi Fac	rect	Measure ment	Limit	Margin			
-	MHz	Level dBuV/m	Fac dB	ctor	ment dBuV/m	dBuV/m	dB	Detecto	or Coi	mment
		Level dBuV/m 0 38.86	Fac	etor 69	ment			Detecto Peak AVG	or Co	nment
	MHz 7306.4000	Level dBuV/m 0 38.86	Fac dB 10.	etor 69	ment dBuV/m 49.55	dBuV/m 74.00	dB -24. 45	Peak	or Cor	nment
	MHz 7306.4000	Level dBuV/m 0 38.86	Fac dB 10.	etor 69	ment dBuV/m 49.55	dBuV/m 74.00	dB -24. 45	Peak	or Cor	mment
	MHz 7306.4000	Level dBuV/m 0 38.86	Fac dB 10.	etor 69	ment dBuV/m 49.55	dBuV/m 74.00	dB -24. 45	Peak	or Cor	nment
	MHz 7306.4000	Level dBuV/m 0 38.86	Fac dB 10.	etor 69	ment dBuV/m 49.55	dBuV/m 74.00	dB -24. 45	Peak	or Cor	nment
	MHz 7306.4000	Level dBuV/m 0 38.86	Fac dB 10.	etor 69	ment dBuV/m 49.55	dBuV/m 74.00	dB -24. 45	Peak	or Cor	ment
	MHz 7306.4000	Level dBuV/m 0 38.86	Fac dB 10.	etor 69	ment dBuV/m 49.55	dBuV/m 74.00	dB -24. 45	Peak	or Cor	mment
	MHz 7306.4000	Level dBuV/m 0 38.86	Fac dB 10.	etor 69	ment dBuV/m 49.55	dBuV/m 74.00	dB -24. 45	Peak	or Cor	nment
	MHz 7306.4000	Level dBuV/m 0 38.86	Fac dB 10.	etor 69	ment dBuV/m 49.55	dBuV/m 74.00	dB -24. 45	Peak	or Cor	mment
* MA	MHz 7306. 4000 7308. 2000	Level dBuV/m 0 38.86 0 27.25	Fac dB 10. 10.	69 69	ment dBuV/m 49.55 37.94	dBuV/m 74.00 54.00	dB -24. 45	Peak	or Cor	mment
Me	MHz 7306. 4000 7308. 2000	Leve1 dBuV/m 0 38. 86 0 27. 25	Fac dB 10. 10.	69 69	ment dBuV/m 49.55 37.94 + Correct F	dBuV/m 74.00 54.00	dB -24. 45	Peak	or Cor	nment
* MA Me	MHz 7306. 4000 7308. 2000	Leve1 dBuV/m 0 38. 86 0 27. 25	Fac dB 10. 10.	69 69	ment dBuV/m 49.55 37.94	dBuV/m 74.00 54.00	dB -24. 45	Peak	or Cor	mment
* MA Me	MHz 7306. 4000 7308. 2000	Leve1 dBuV/m 0 38. 86 0 27. 25	Fac dB 10. 10.	69 69	ment dBuV/m 49.55 37.94 + Correct F	dBuV/m 74.00 54.00	dB -24. 45	Peak	or Cor	mment
* MA Me	MHz 7306. 4000 7308. 2000	Leve1 dBuV/m 0 38. 86 0 27. 25	Fac dB 10. 10.	69 69	ment dBuV/m 49.55 37.94 + Correct F	dBuV/m 74.00 54.00	dB -24. 45	Peak	or Cor	mment
* MA Me	MHz 7306. 4000 7308. 2000	Leve1 dBuV/m 0 38. 86 0 27. 25	Fac dB 10. 10.	69 69	ment dBuV/m 49.55 37.94 + Correct F	dBuV/m 74.00 54.00	dB -24. 45	Peak	or Cor	mment

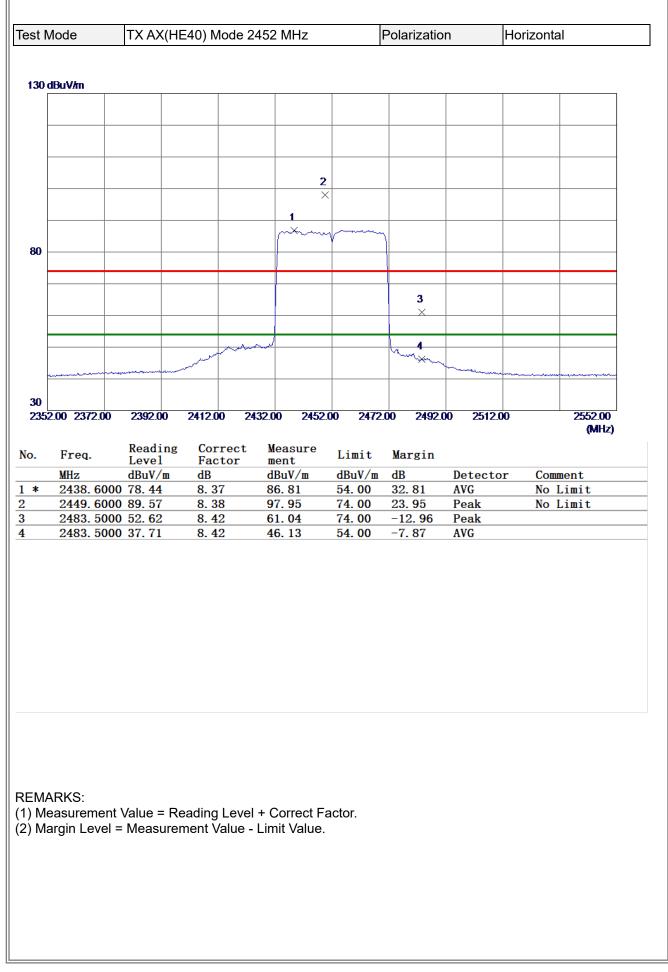






2         2         2         2           1         1         1         1         1           30         X         1         1         1         1           30         X         1         1         1         1         1           30         X         1         1         1         1         1         1           30         X         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <th>30         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1</th> <th></th> <th>lode</th> <th>IX AX(HE</th> <th>E40) Mode</th> <th>e 2452 MHz</th> <th> </th> <th>Polarizatio</th> <th>n</th> <th>Vertical</th>	30         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1		lode	IX AX(HE	E40) Mode	e 2452 MHz		Polarizatio	n	Vertical
2         X         1         1           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X         X           1         X         X         X         X         X         X           1         X         X         X         X         X         X         X           1         X         X         X         X         X	2         X         1         1           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X           1         X         X         X         X         X           1         X         X         X         X         X         X           1         X         X         X         X         X         X         X           1         X         X         X         X         X									
i       i       i       i         i       i       i       i       i         i       i       i       i       i       i         i       i       i       i       i       i       i         i       i       i       i       i       i       i       i         i       i       i       i       i       i       i       i       i         i       i       i       i       i       i       i       i       i       i         i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i	i       i       i       i         i       i       i       i       i         i       i       i       i       i       i         i       i       i       i       i       i       i         i       i       i       i       i       i       i       i         i       i       i       i       i       i       i       i       i         i       i       i       i       i       i       i       i       i       i         i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i	0 d	BuV/m				-1			
X       X       X         1       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X	X       X       X         1       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X         X       X       X									
1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	30         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1									
1         1         1           30         X         Image: Second Seco	1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1									
30	30									
20	20	F			×					
20	20									
20	20									
MHz         Buv/m         B	MHz         Buv/m         B	30								
IOOO.00         3550.00         6100.00         8650.00         11200.00         13750.00         16300.00         18850.00         21400.00         26500.00         (MHz)           .         Freq.         Reading Level         Correct Factor         Measure ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           *         7350.3500         39.67         10.75         50.42         54.00         -3.58         AVG	IOOO.00         3550.00         6100.00         8650.00         11200.00         13750.00         16300.00         18850.00         21400.00         26500.00         (MHz)           .         Freq.         Reading Level         Correct Factor         Measure ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           *         7350.3500         39.67         10.75         50.42         54.00         -3.58         AVG									
MHz         Buv/m         B	MHz         dBuV/m         dB         dBuV/m         dB         Duv/m         dB         Detector         Comment           *         7350.3500         39.67         10.75         50.42         54.00         -3.58         AVG									
MHz         Buv/m         B	MHz         dBuV/m         dB         dBuV/m         dB         UV/m         dB         V/m         dB <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
MHz         Buv/m         B	MHz         Busyle         Busyle <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
MHz         Buv/m         B	1000.00         3550.00         6100.00         8650.00         11200.00         13750.00         16300.00         18850.00         21400.00         26500.00         (MHz)           o.         Freq.         Reading Level         Correct Factor         Measure ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           *         7350.3500         39.67         10.75         50.42         54.00         -3.58         AVG									
MHz         Buv/m         B	1000.00         3550.00         6100.00         8650.00         11200.00         13750.00         16300.00         18850.00         21400.00         26500.00         (MHz)           o.         Freq.         Reading Level         Correct Factor         Measure ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           *         7350.3500         39.67         10.75         50.42         54.00         -3.58         AVG									
MHz         Buv/m         B	1000.00         3550.00         6100.00         8650.00         11200.00         13750.00         16300.00         18850.00         21400.00         26500.00         (MHz)           o.         Freq.         Reading Level         Correct Factor         Measure ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           *         7350.3500         39.67         10.75         50.42         54.00         -3.58         AVG	-20								
Freq.Reading LevelCorrect FactorMeasure mentLimitMarginMHzdBuV/mdBdBuV/mdBDetectorComment*7350.350039.6710.7550.4254.00-3.58AVG	p.Reading LevelCorrect FactorMeasure mentLimitMarginMHzdBuV/mdBdBuV/mdBuV/mdBDetectorComment*7350.350039.6710.7550.4254.00-3.58AVG		0.00 3550.00	6100.00	8650.00	11200.00 1375	0.00 1630	0.00 18850	00 21400	
MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           *         7350.3500         39.67         10.75         50.42         54.00         -3.58         AVG	MHz         Level         Factor         ment         Limit         Margin           MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           *         7350.3500         39.67         10.75         50.42         54.00         -3.58         AVG			Pooding	Corros	t Vogguro				(MHZ)
<b>*</b> 7350. 3500 39. 67 10. 75 50. 42 54. 00 −3. 58 AVG	* 7350. 3500 39. 67 10. 75 50. 42 54. 00 -3. 58 AVG	).		Level	Factor	ment				
		*								r Comment
MARKS: Measurement Value = Reading Level + Correct Factor.				t Value = Re	eading Le	vel + Correct F	actor.			
Measurement Value = Reading Level + Correct Factor.	) Margin Level = Measurement Value - Limit Value.	) Me	easurement	t Value = Re = Measurer	eading Le	vel + Correct F e - Limit Value.	actor.			
Measurement Value = Reading Level + Correct Factor.	) Margin Level = Measurement Value - Limit Value.	) Me	easurement	t Value = Re = Measurer	eading Le nent Valu	vel + Correct F e - Limit Value.	actor.			

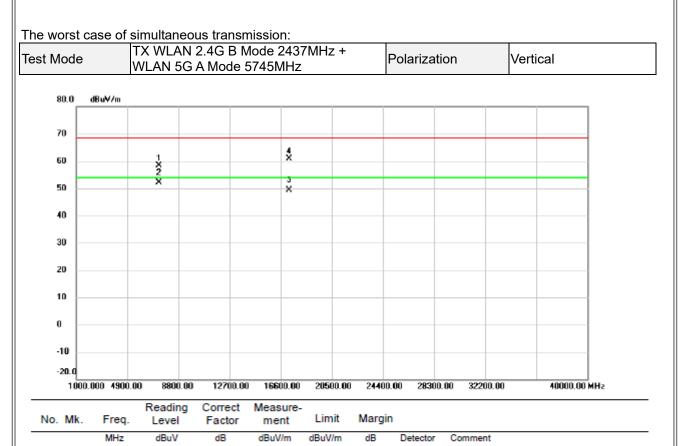






t Mode	TX AX	(HE40) Mo	ode 2452 M	Hz	Polari	zation	Η	lorizont	al
0 dBuV/m									
		2 ×							
		1							
		X							
0									
0									
000.00 3550	.00 6100.0	0 8650.00	11200.00	13750.00	16300.00	18850.00	21400.00	)	26500.00 (MHz)
_	Readi	ng Corr	ect Mea	sure Li-					(MILLZ)
Freq.	Level		cot nou						
				t ^{LIII}	nit Marg				
MHz ⊧ 7375.0	dBuV/	m dB	dBu	t LII V/m dBu	ıV∕m dB	D	etector VG	Сош	ment
* 7375.		m dB 10.7	dBu 8 38.4	t L11 V/m dBu 45 54.	ıV∕m dB 00 −15.	D 55 A	etector VG eak	Сош	ment
* 7375.	dBuV/ 0000 27.67	m dB 10.7	dBu 8 38.4	t L11 V/m dBu 45 54.	ıV∕m dB 00 −15.	D 55 A	VG	Сош	ment





<b>REMARKS</b> :
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7312.524

7312.632

17235.526

17236.698

1

3

4

2 *

46.35

40.09

25.29

36.96

12.08

12.08

23.99

23.99

58.43

52.17

49.28

60.95

68.30

54.00

54.00

68.30

-9.87

-1.83

-4.72

-7.35

peak

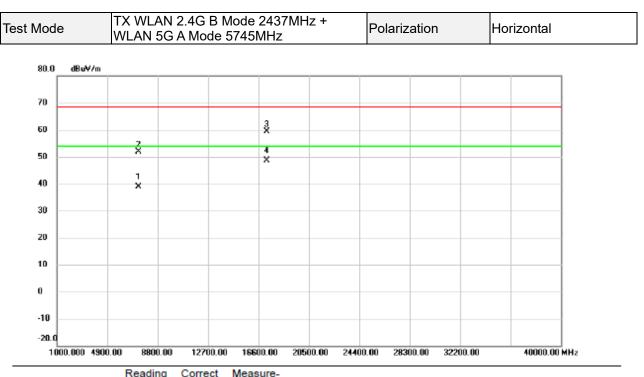
AVG

AVG

peak

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





No.	Mk.	Freq.	-	Factor	ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7308.693	26.82	12.08	38.90	54.00	-15.10	AVG	
2		7310.285	39.68	12.09	51.77	68.30	-16.53	peak	
3	1	7235.963	35.29	23.99	59.28	68.30	-9.02	peak	
4	* 1	7238.652	24.59	23.99	48.58	54.00	-5.42	AVG	

REMARKS:

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

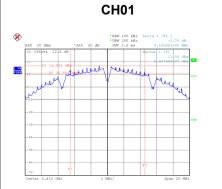


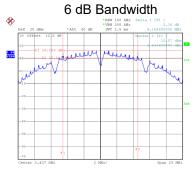
## **APPENDIX E - BANDWIDTH**



Test Mode	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	9.11	16.72	0.50	Complies
06	2437	9.16	16.72	0.50	Complies
11	2462	10.12	16.64	0.50	Complies

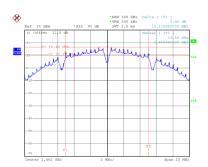
CH06



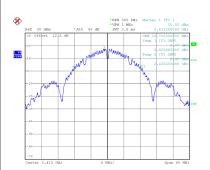


Date: 30.AUG.2021 17:17:50

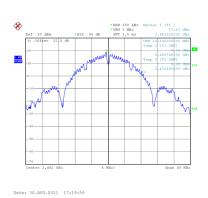
CH11







Date: 30.AUG.2021 17:19:50

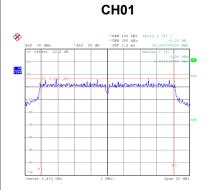


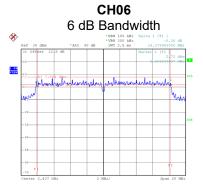
Date: 30.AUG.2021 17:15:21

Date: 30.AUG.2021 17:17:59



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	16.38	26.00	0.50	Complies
06	2437	16.37	36.60	0.50	Complies
11	2462	16.38	37.92	0.50	Complies

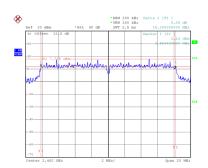




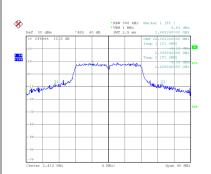
Date: 9.0CT.2021 04:52:52

Date: 9.0CT.2021 05:24:51

CH11



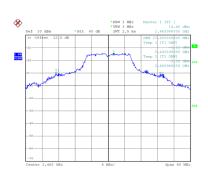
Date: 9.0CT.2021 04:52:05



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Date: 9.0CT.2021 05:01:55

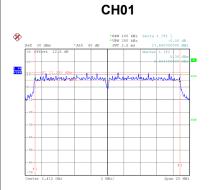
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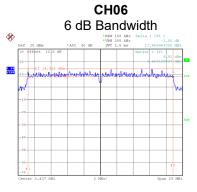


Date: 9.0CT.2021 04:52:12

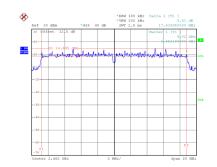


Test Mode	e TX N	N(HT20) Mode			
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	17.66	20.08	0.50	Complies
06	2437	17.66	38.88	0.50	Complies
11	2462	17.64	38.40	0.50	Complies

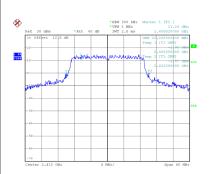


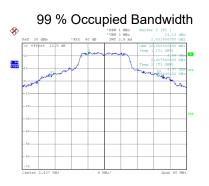


CH11

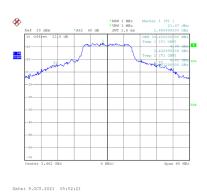


Date: 9.0CT.2021 05:50:32





Date: 9.0CT.2021 05:52:03



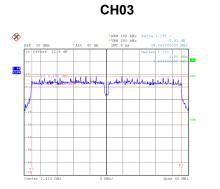
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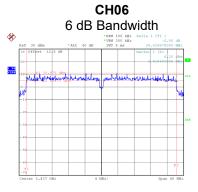
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Date: 9.0CT.2021 05:51:15

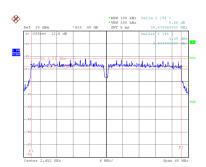


Test Mode	e TX N	TX N(HT40) Mode			
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	36.44	38.72	0.50	Complies
06	2437	36.44	36.96	0.50	Complies
09	2452	36.48	38.24	0.50	Complies

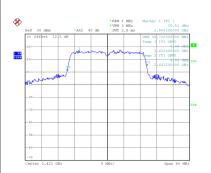




CH09



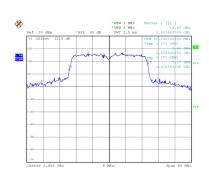
Date: 9.0CT.2021 05:53:00



**99 % Occupied Bandwick** 

Date: 9.0CT.2021 05:54:29

Date: 9.0CT.2021 05:54:37



Date: 9.0CT.2021 05:53:08

Date: 11.0CT.2021 18:58:05

Date: 9.0CT.2021 05:53:45