



FCC Radio Test Report

FCC ID: 2AXJ4KS220

This report concerns: Original Grant

Project No. 2205C095

Kasa Smart Wi-Fi Light Switch Dimmer Equipment

Brand Name tp-link : KS220 Test Model Series Model : N/A

Applicant : TP-Link Corporation Limited

Address : Room 901, 9/F., New East Ocean Centre, 9 Science Museum Road,

Tsim Sha Tsui, Kowloon, Hong Kong

Manufacturer : TP-Link Corporation Limited

Address : Room 901, 9/F., New East Ocean Centre, 9 Science Museum Road,

Tsim Sha Tsui, Kowloon, Hong Kong

Date of Receipt May 20, 2022

Date of Test : May 23, 2022 ~ Jun. 21, 2022

Issued Date : Jul. 13, 2022

Report Version : R00

: Engineering Sample No.: DG2022052042 for conducted, Test Sample

DG2022052045 for radiated emissions (Above 30MHz),

DG2022052044 for radiated emissions (Below 30MHz) and AC Power

Line Conducted Emissions.

: FCC CFR Title 47, Part 15, Subpart C Standard(s)

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

ANSI C63.10-2013

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

Prepared by: Chella Zheng

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TESTING CERT #5123.02

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Declaration

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

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

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BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

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

Limitation

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

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



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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2205C095	R00	Original Report	Jul. 13, 2022	Valid



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

Note:

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



1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China.

BTL's Registration Number for FCC: 357015 BTL's Designation Number for FCC: CN1240

1.2 MEASUREMENT UNCERTAINTY

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

The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.60

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB01	CISPR	9kHz ~ 30MHz	2.36

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

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

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03	CISPR	18 ~ 26.5 GHz	3.62
(1m)	CISER	26.5 ~ 40 GHz	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	26°C	58%	AC 120V/60Hz	Jeter Wang
Radiated Emissions-9kHz to 30 MHz	24°C	58%	AC 120V/60Hz	ROD Tang
Radiated Emissions-30MHz to 1000MHz	24°C	58%	AC 120V/60Hz	Meers Zhang
Radiated Emissions-Above 1000MHz	26°C	56%	AC 120V/60Hz	Meers Zhang
Bandwidth	24-25°C	60%	AC 120V/60Hz	Kwok Guo Ansel Yang
Maximum Average Output Power	22.8-24.3°C	67.5-68.5%	AC 120V/60Hz	Complex Qin
Conducted Spurious Emissions	24-25°C	60%	AC 120V/60Hz	Kwok Guo Ansel Yang
Power Spectral Density	24-25°C	60%	AC 120V/60Hz	Kwok Guo Ansel Yang



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Kasa Smart Wi-Fi Light Switch Dimmer
Brand Name	tp-link
Test Model	KS220
Series Model	N/A
Model Difference(s)	N/A
Power Source	AC Mains.
	120VAC 60Hz
Power Rating	300 W Incandescent
	150 W LED
Operation Frequency	2412 MHz ~ 2462 MHz
	IEEE 802.11b: DSSS
Modulation Type	IEEE 802.11g: OFDM
	IEEE 802.11n: OFDM
	IEEE 802.11b: 11/5.5/2/1 Mbps
Bit Rate of Transmitter	IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps
	IEEE 802.11n: up to 72.2 Mbps
Maximum Average Output Power	IEEE 802.11b: 22.81 dBm (0.1910 W)

Note:

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

2. Channel List:

	CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20)						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	80	2447	11	2462
03	2422	06	2437	09	2452		

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	tp-link	6035500079	PIFA	N/A	2.98

Note: The antenna gain is provided by the manufacturer.



2.2 DESCRIPTION OF TEST MODES

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

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

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

AC power line conducted emissions test			
Final Test Mode Description			
Mode 4	TX B Mode Channel 06		

Radiated emissions test - Below 1GHz		
Final Test Mode	Description	
Mode 4	TX B Mode Channel 06	

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



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

NOTE:

- (1) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (2) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX B Mode Channel 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.

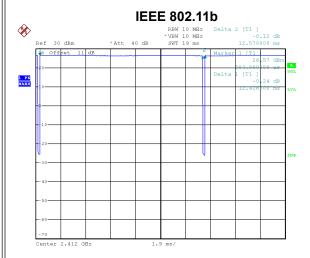
2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	UI_mptool V1.0.0.2		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	98	112	110
IEEE 802.11g	106	127	102
IEEE 802.11n(HT20)	104	127	100



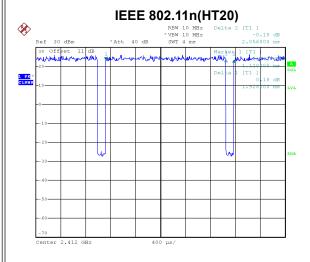
2.4 DUTY CYCLE

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.



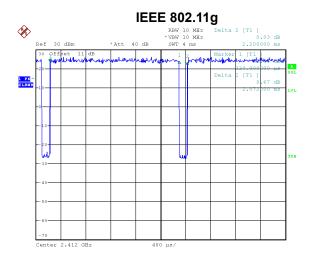
Date: 28.MAY.2022 12:33:30

Duty cycle = 12.426 ms / 12.578 ms = 98.79% Duty Factor = 10 log(1/Duty cycle) = 0.00



Date: 28.MAY.2022 12:35:19

Duty cycle = 1.928 ms / 2.056 ms = 93.77% Duty Factor = 10 log(1/Duty cycle) = 0.28



Date: 28.MAY.2022 12:34:35

Duty cycle = 2.072 ms / 2.200 ms = 94.18% Duty Factor = 10 log(1/Duty cycle) = 0.26





NOTE:

For IEEE 802.11b:

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

For IEEE 802.11g:

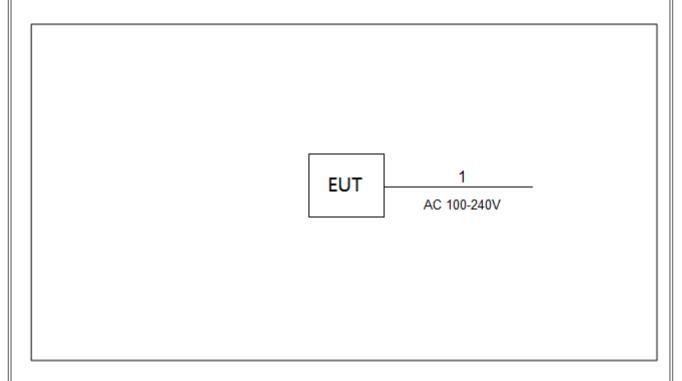
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 483 Hz.

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.



2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	AC Cable	NO	NO	1.2m



3. AC POWER LINE CONDUCTED EMISSIONS

3.1 LIMIT

Frequency of Emission (MHz)	Limit (dl	ΒμV)
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:

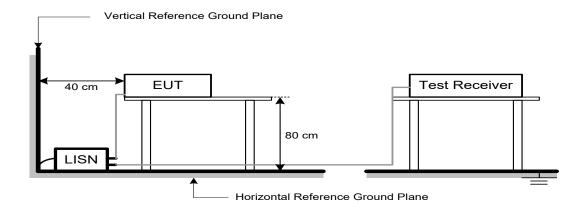
Receiver Parameters	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

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)

Fraguency (MHz)	(dBuV/n	n at 3 m)
Frequency (MHz)	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)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)
- i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW	1 MHz / 3 MHz for PK value
(Emission in restricted band)	1 MHz / 1/T Hz for AVG value

Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~26.5 GHz for PK/AVG detector

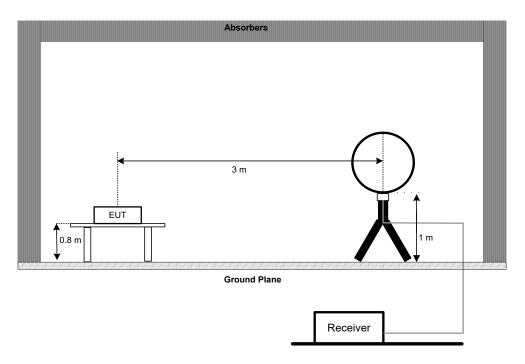


4.3 DEVIATION FROM TEST STANDARD

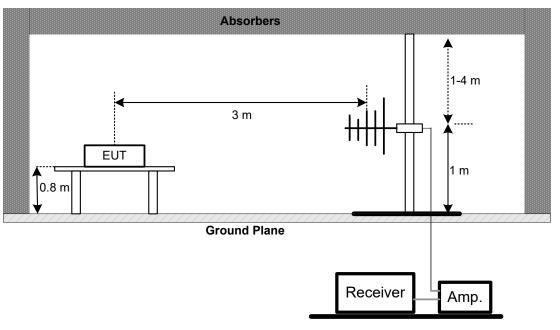
No deviation.

4.4 TEST SETUP

9 kHz to 30 MHz

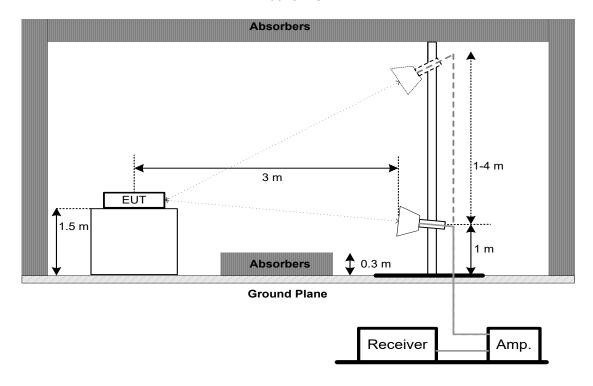


30 MHz to 1 GHz





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:

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

For 99% Emission Bandwidth:

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

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.



6. MAXIMUM AVERAGE OUTPUT POWER

6.1 LIMIT

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

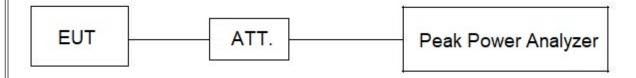
6.2 TEST PROCEDURE

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

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.



7. CONDUCTED SPURIOUS EMISSIONS

7.1 LIMIT

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

7.2 TEST PROCEDURE

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

For Reference Level:

T OF TROTOFICE ECVOI.	
Spectrum Parameters	Setting
Span Frequency	≥ 1.5 times the bandwidth.
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

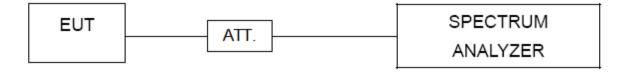
For Emission Level:

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

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.



8. POWER SPECTRAL DENSITY

8.1 LIMIT

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

8.2 TEST PROCEDURE

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

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

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.



9. MEASUREMENT INSTRUMENTS LIST

	AC Power Line Conducted Emissions							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	EMI Test Receiver	R&S	ESCI	100382	Jan. 22, 2023			
2	LISN	EMCO	3816/2	52765	Jan. 23, 2023			
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Jan. 23, 2023			
4	50Ω Terminator	SHX	TF5-3	15041305	N/A			
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A			
6	Cable	N/A	RG223	12m	Mar. 08, 2023			
7	643 Shield Room	ETS	6*4*3	N/A	N/A			

	Radiated Emissions - 9 kHz to 30 MHz							
Item	Kind of Equipment	nd of Equipment Manufacturer		Serial No.	Calibrated until			
1	MXE EMI Receiver	Keysight	N9038A	MY56400091	Jan. 22, 2023			
2*	Active Loop Antenna	ive Loop Antenna R&S HFH2-Z2		830749/020	Aug. 23, 2024			
3	Cable	N/A	RG 213/U(9kHz~1GHz)	N/A	Jul. 09, 2022			
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A			
5			9*6*6	N/A	Jul. 17, 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. 03, 2023			
2	Amplifier	HP	8447D	2944A08742	Jan. 22, 2023			
3	Cable	e emci LMR-400 N/A		N/A	Nov. 30, 2022			
4	Controller	er CT SC100 N/A		N/A	N/A			
5	Controller	roller MF MF-7802		MF780208416	N/A			
6	Receiver Agilent		N9038A	MY52130039	Jan. 22, 2023			
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01 N/A		N/A			
8	966 Chamber Room	RM	9*6*6	N/A	Jul. 24, 2022			

Radiated Emissions - Above 1 GHz							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until		
1	Double Ridged Horn Antenna	ARA	DRG-118A	16554	Apr. 18, 2023		
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2022		
3	Amplifier	Agilent	8449B	3008A02584	Jul. 10, 2022		
4	Controller	CT	SC100	N/A	N/A		
5	Controller	MF	MF-7802	MF780208416	N/A		
6	Receiver	Agilent	N9038A	MY52130039	Jan. 22, 2023		
7	EXA Spectrum Analyzer	Keysight	N9010A	MY56480488	Jan. 22, 2023		
8	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330 -K	619413	Jul. 16, 2022		
9	Cable	Talent microwave	A81-SMAMSMAM- 12.5M	N/A	Oct. 15, 2022		
10	Cable	Talent microwave	A40-2.92M2.92M-2. 5M	N/A	Nov. 30, 2022		
11	Filter	STI	STI15-9912	N/A	Jul. 10, 2022		
12	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A		
13	966 Chamber Room	RM	9*6*6	N/A	Jul. 24, 2022		



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

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

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

[&]quot;*" calibration period of equipment list is three year.

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



10. EUT TEST PHOTO



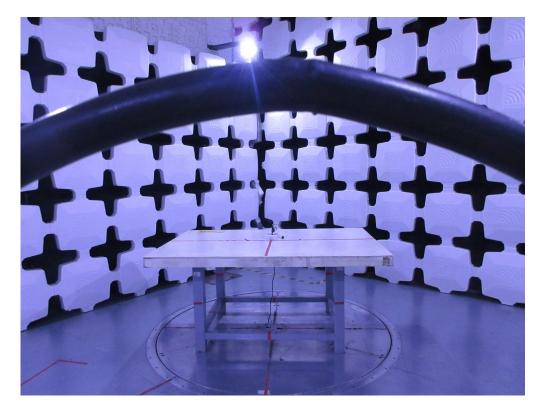


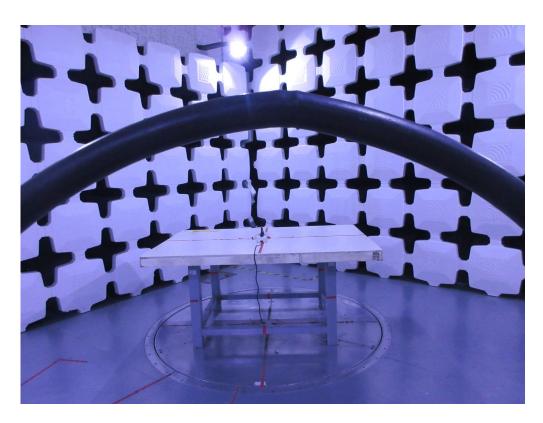




Radiated Emissions Test Photos

9 kHz to 30 MHz



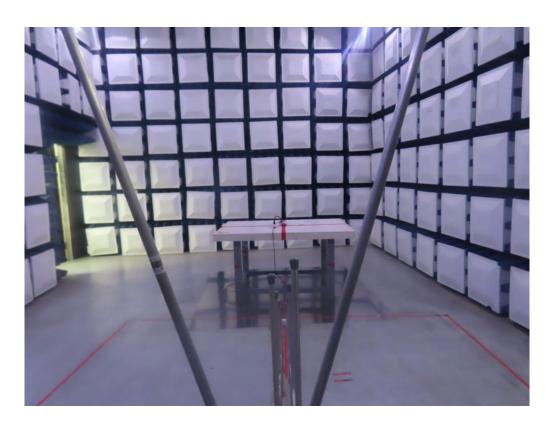




Radiated Emissions Test Photos

30 MHz to 1 GHz



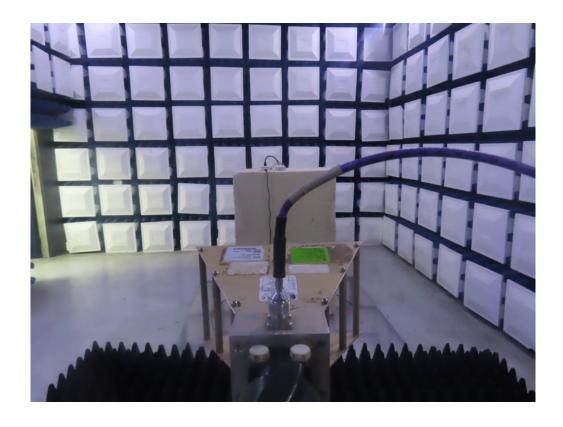




Radiated Emissions Test Photos

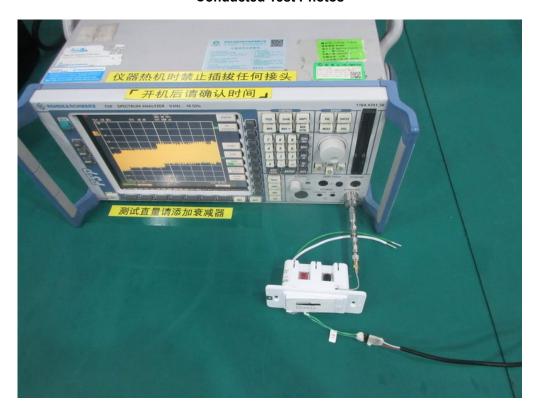
Above 1 GHz







Conducted Test Photos



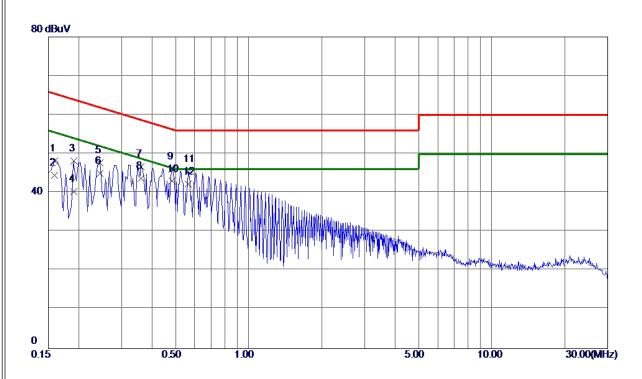




APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS







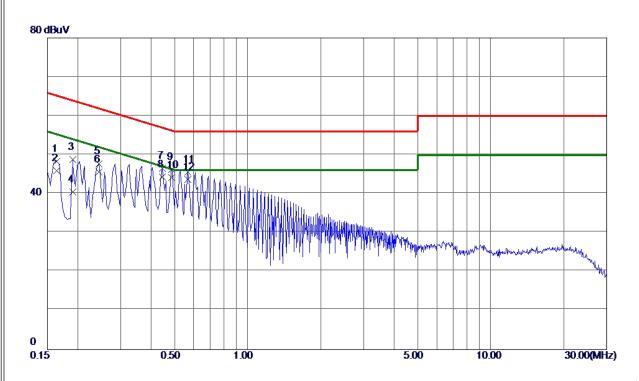
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0. 1590	38. 51	9. 66	48. 17	65. 52	-17. 35	QP	
2	0. 1590	34. 80	9. 66	44. 46	55. 52	-11. 06	AVG	
3	0. 1905	38. 43	9. 68	48. 11	64. 01	-15. 90	QP	
4	0. 1905	30. 71	9. 68	40. 39	54. 01	-13.62	AVG	
5	0. 2445	38. 04	9. 70	47. 74	61. 94	-14. 20	QP	
6	0. 2445	35. 30	9. 70	45. 00	51.94	-6. 94	AVG	
7	0.3615	37. 05	9. 74	46. 79	58. 69	-11. 90	QP	
8	0.3615	34. 00	9. 74	43. 74	48.69	-4.95	AVG	
9	0. 4830	36. 25	9. 76	46. 01	56. 29	-10. 28	QP	
10 *	0.4830	33. 20	9. 76	42. 96	46. 29	-3. 33	AVG	
11	0. 5639	35. 59	9. 78	45. 37	56.00	-10.63	QP	
12	0. 5639	32. 50	9. 78	42. 28	46.00	-3. 72	AVG	

REMARKS:

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







No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0. 1635	38. 66	9. 71	48. 37	65. 28	-16. 91	Q P	
2	0. 1635	36. 20	9. 71	45. 91	55. 28	-9. 37	AVG	
3	0. 1905	39. 02	9. 72	48. 74	64. 01	-15. 27	Q P	
4	0. 1905	30. 71	9. 72	40. 43	54.01	-13. 58	AVG	
5	0. 2445	37. 91	9. 74	47. 65	61.94	-14. 29	QP	
6	0. 2445	35. 80	9. 74	45. 54	51.94	-6. 40	AVG	
7	0.4470	36. 71	9. 79	46. 50	56. 93	-10. 43	QP	
8	0. 4470	34. 50	9. 79	44. 29	46. 93	-2. 64	AVG	
9	0. 4875	36. 51	9. 79	46. 30	56. 21	-9. 91	QP	
10 *	0. 4875	34. 30	9. 79	44. 09	46. 21	-2. 12	AVG	
11	0. 5685	35. 82	9. 81	45. 63	56. 00	-10. 37	QP	_
12	0. 5685	33. 80	9. 81	43. 61	46. 00	-2. 39	AVG	

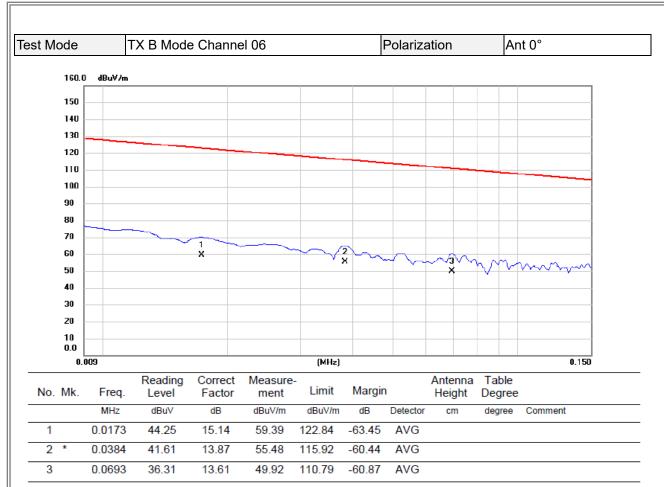
REMARKS:

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



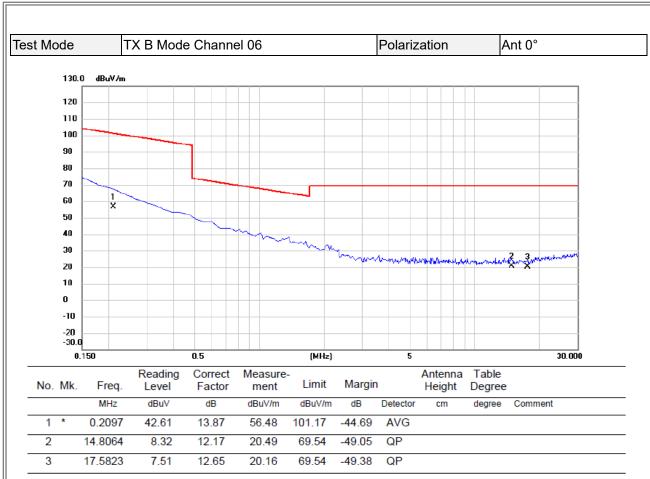
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ





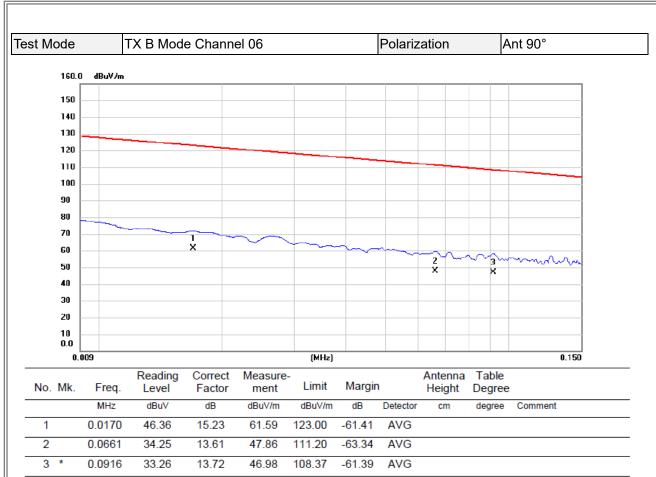
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





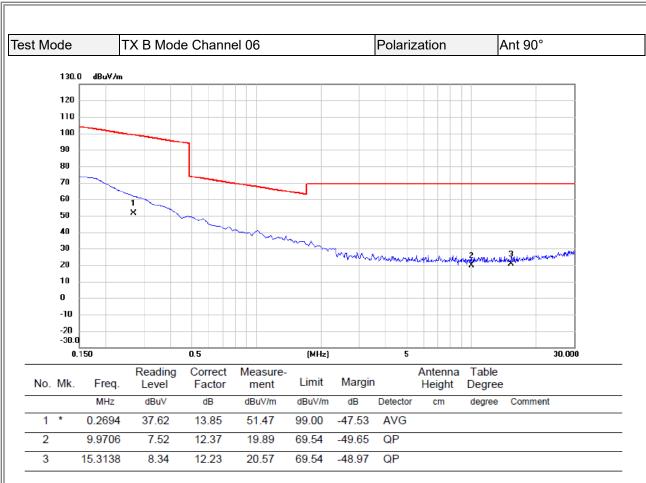
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





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



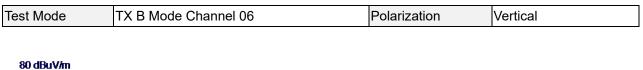


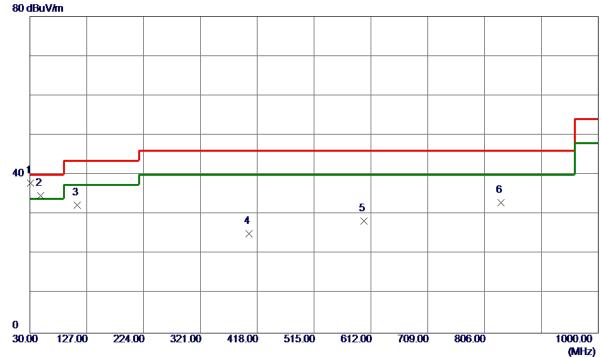
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ





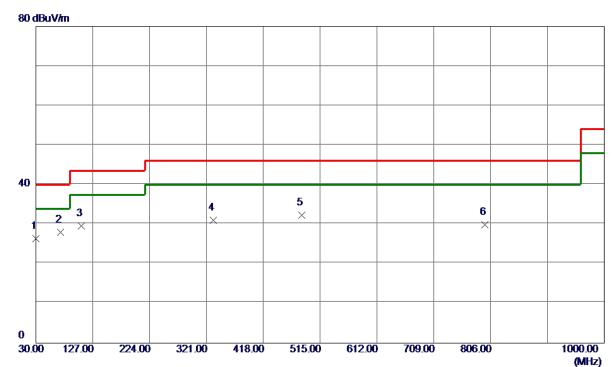


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30. 9700	53. 14	-15. 28	37. 86	40.00	-2. 14	Peak	
2	47. 9450	48. 41	-13. 70	34. 71	40.00	-5. 29	Peak	
3	110. 9950	47. 20	-14. 87	32. 33	43. 50	-11. 17	Peak	
4	404. 4200	33. 64	-8. 55	25. 09	46.00	-20. 91	Peak	
5	599. 8750	32. 83	-4. 50	28. 33	46.00	-17. 67	Peak	
6	833. 6450	33. 34	-0. 42	32. 92	46. 00	-13. 08	Peak	

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







No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	30.0000	41. 64	-15. 30	26. 34	40.00	-13. 66	Peak	
2 *	71. 7100	44. 45	-16. 48	27. 97	40.00	-12. 03	Peak	
3	107. 1150	45. 06	-15. 40	29. 66	43. 50	-13. 84	Peak	
4	332. 6400	41. 23	-10. 18	31. 05	46.00	-14. 95	Peak	
5	483. 4750	39. 05	-6. 76	32. 29	46.00	-13. 71	Peak	
6	796. 3000	30. 48	-0. 56	29. 92	46.00	-16. 08	Peak	

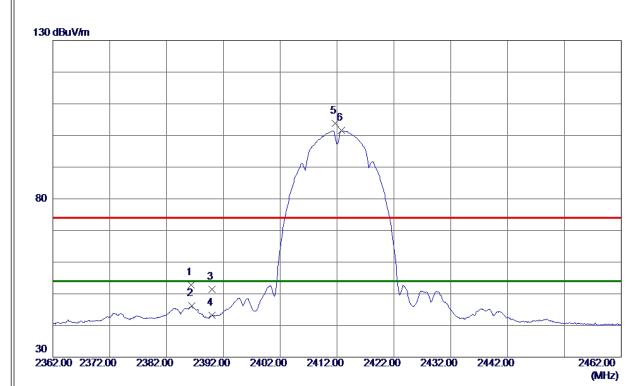
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ



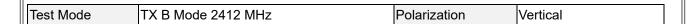


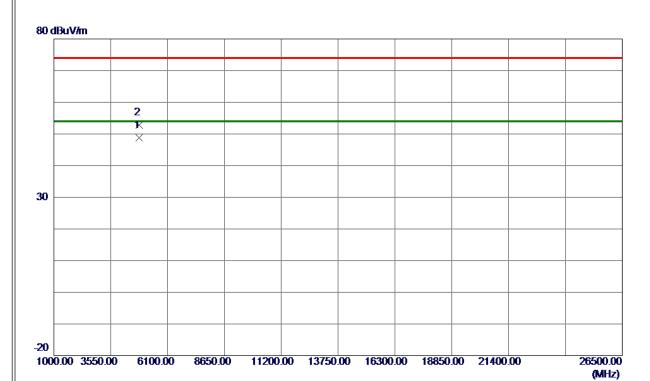


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2386. 3000	44. 90	7. 97	52. 87	74.00	-21. 13	Peak	
2	2386. 4000	38. 29	7. 97	46. 26	54.00	-7. 74	AVG	
3	2390. 0000	43. 39	7. 98	51. 37	74.00	-22. 63	Peak	
4	2390. 0000	35. 15	7. 98	43. 13	54.00	-10.87	AVG	
5	2411. 7000	95. 70	8. 01	103. 71	74.00	29. 71	Peak	No Limit
6 *	2412. 8000	93. 54	8. 02	101. 56	54.00	47. 56	AVG	No Limit

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





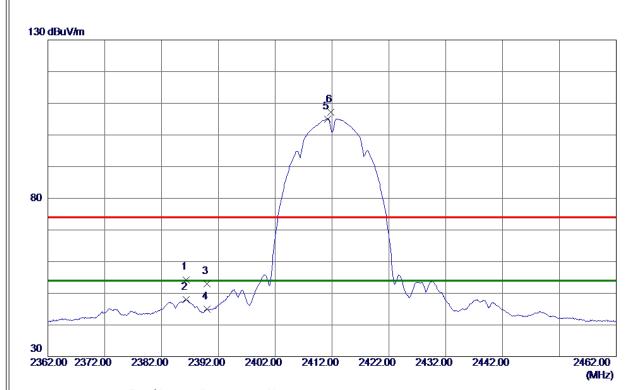


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824. 0750	44. 42	4. 33	48. 75	54.00	-5. 25	AVG	
2	4824. 1100	48. 47	4. 33	52. 80	74.00	-21. 20	Peak	

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



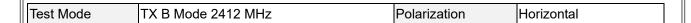


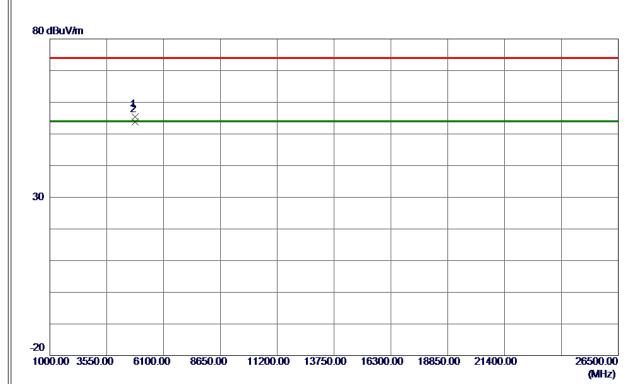


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2386. 3000	46. 33	7. 97	54. 30	74.00	-19. 70	Peak	
2	2386. 3000	39. 98	7. 97	47. 95	54.00	-6. 05	AVG	
3	2390. 0000	45. 06	7. 98	53. 04	74.00	-20. 96	Peak	
4	2390. 0000	36. 94	7. 98	44. 9 2	54.00	-9. 08	AVG	
5 *	2411. 2000	97. 09	8. 01	105. 10	54.00	51. 10	AVG	No Limit
6	2411. 8000	99. 20	8. 01	107. 21	74.00	33. 21	Peak	No Limit

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





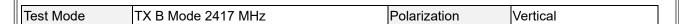


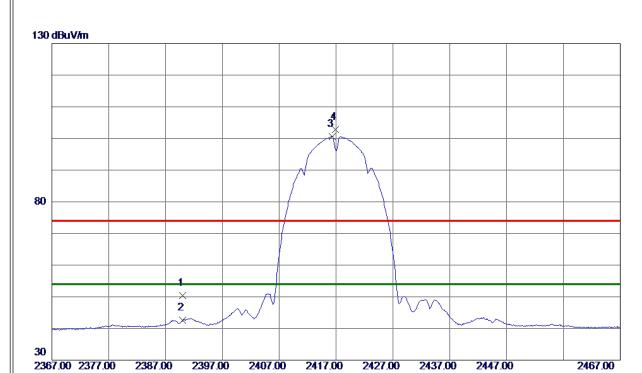
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823. 9700	51. 07	4. 33	55. 40	74.00	-18. 60	Peak	
2 *	4824. 0150	49. 38	4. 33	53. 71	54. 00	-0. 29	AVG	

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

(MHz)





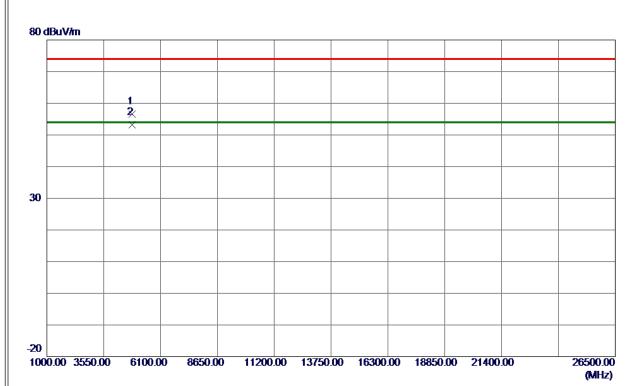


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	42. 40	7. 98	50. 38	74.00	-23. 62	Peak	
2	2390. 0000	34. 61	7. 98	42. 59	54.00	-11. 41	AVG	
3 *	2416. 3000	92. 55	8. 02	100. 57	54. 00	46. 57	AVG	No Limit
4	2416. 9000	94. 70	8. 02	102. 72	74. 00	28. 72	Peak	No Limit

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





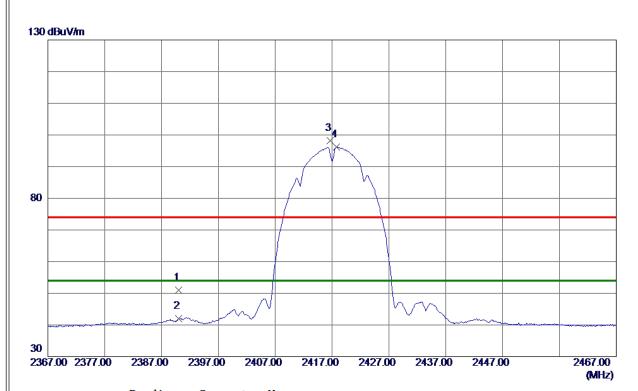


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4833. 9550	52. 09	4. 60	56. 69	74.00	-17. 31	Peak	
2 *	4834. 0050	48. 66	4. 60	53. 26	54. 00	-0. 74	AVG	

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





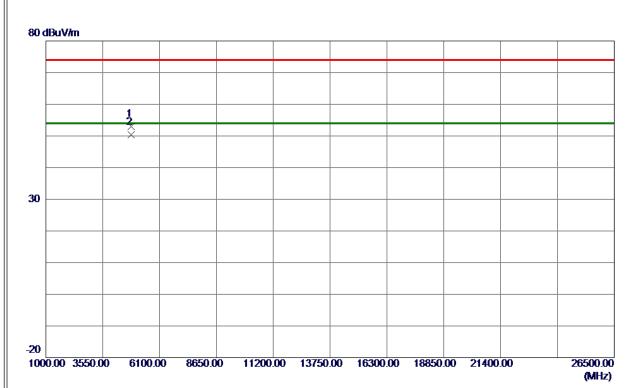


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	42. 96	7. 98	50. 94	74.00	-23. 06	Peak	
2	2390. 0000	33. 94	7. 98	41. 92	54.00	-12 . 0 8	AVG	
3	2416. 7000	90. 26	8. 02	98. 28	74.00	24. 28	Peak	No Limit
4 *	2417. 8000	88. 18	8. 02	96. 20	54. 00	42. 20	AVG	No Limit

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





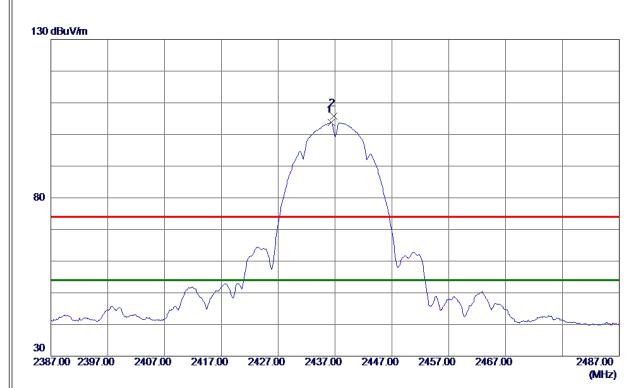


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4833. 9700	48. 49	4. 60	53. 09	74.00	-20. 91	Peak	
2 *	4833. 9950	45. 80	4. 60	50. 40	54. 00	-3. 60	AVG	

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





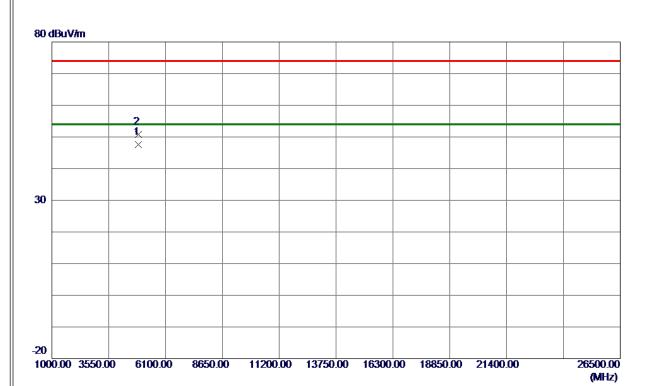


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2436. 3000	95. 71	8. 06	103. 77	54.00	49.77	AVG	No Limit
2	2436. 8000	97. 83	8. 06	105. 89	74. 00	31. 89	Peak	No Limit

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





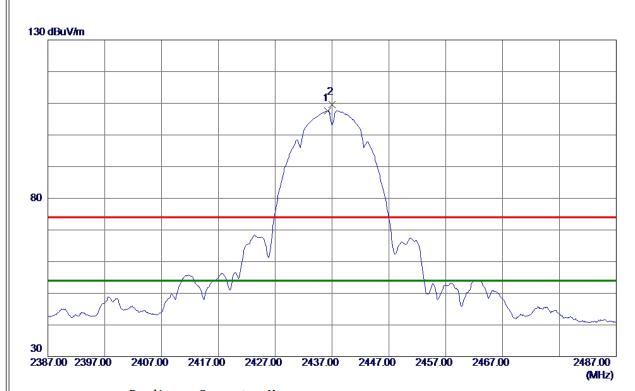


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874. 2250	43. 20	4. 41	47. 61	54.00	-6. 39	AVG	
2	4874. 9950	46. 34	4. 41	50. 75	74. 00	-23. 25	Peak	

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



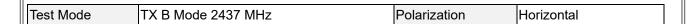


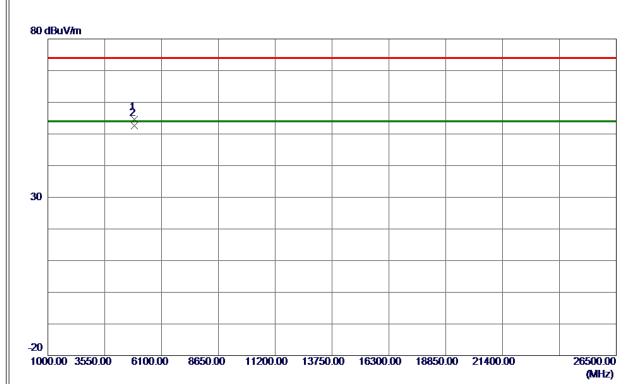


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2436. 2000	99. 54	8. 06	107. 60	54.00	53. 60	AVG	No Limit
2	2437. 0000	101. 58	8. 06	109.64	74.00	35. 64	Peak	No Limit

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



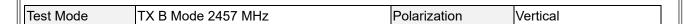


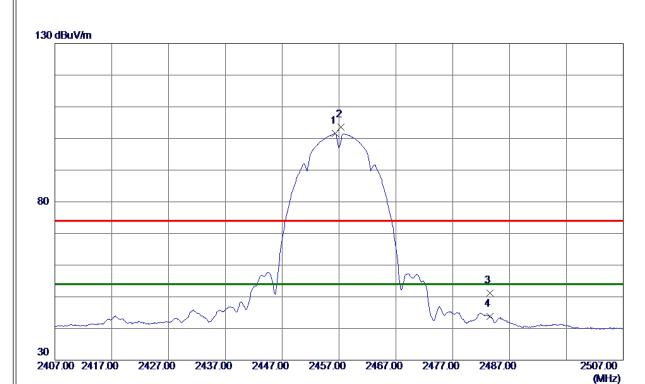


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873. 9550	50. 19	4. 41	54. 60	74.00	-19. 40	Peak	
2 *	4874. 0650	48. 15	4. 41	52. 56	54. 00	-1. 44	AVG	

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



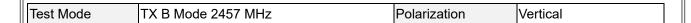


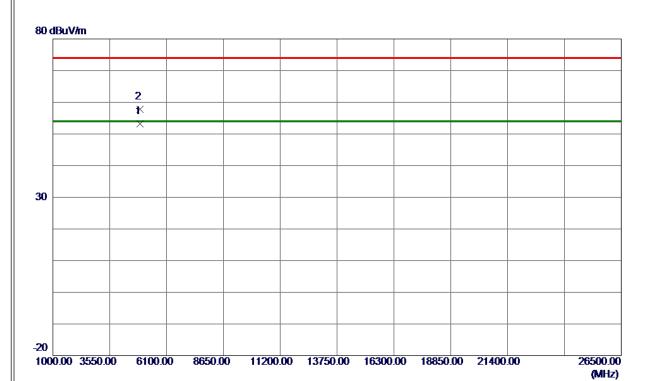


No	. Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin			
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	* 2456. 300	0 93. 49	8. 09	101. 58	54.00	47. 58	AVG	No Limit	
2	2457. 300	0 95. 43	8. 09	103. 52	74.00	29. 52	Peak	No Limit	
3	2483. 500	0 43.05	8. 14	51. 19	74.00	-22. 81	Peak		
4	2483. 500	0 35. 63	8. 14	43. 77	54.00	-10. 23	AVG		

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





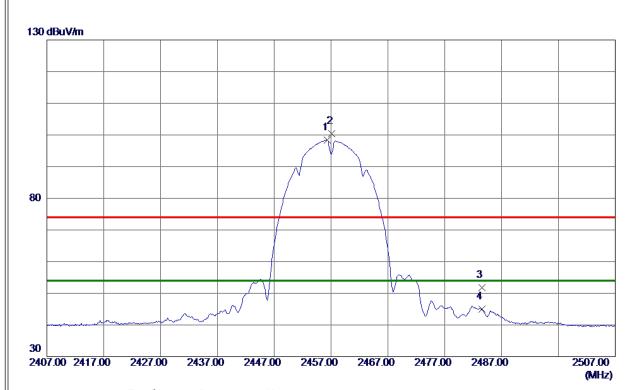


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4914. 0200	48. 26	4. 93	53. 19	54.00	-0.81	AVG	
2	4914. 0550	52. 81	4. 94	57. 75	74. 00	-16. 25	Peak	

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





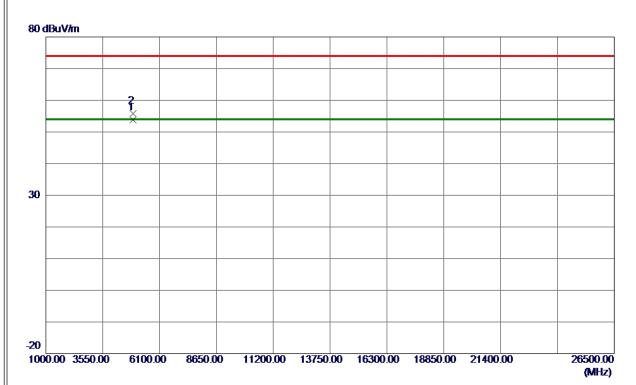


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2456. 3000	90. 37	8. 09	98. 46	54.00	44. 46	AVG	No Limit
2	2457. 1000	92. 35	8. 09	100. 44	74.00	26. 44	Peak	No Limit
3	2483. 5000	43.65	8. 14	51. 79	74.00	-22. 21	Peak	
4	2483. 5000	36. 79	8. 14	44. 93	54. 00	-9. 07	AVG	

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





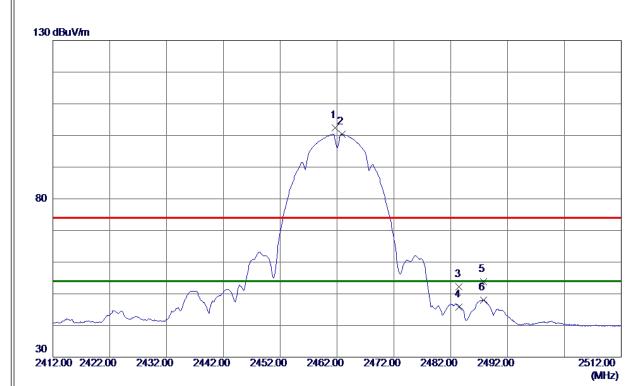


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4914. 0550	48. 92	4. 94	53. 86	54. 00	-0. 14	AVG	
2	4914. 0700	50. 92	4. 94	55. 86	74. 00	-18. 14	Peak	

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



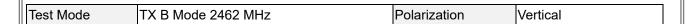




No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2461. 7000	94. 26	8. 10	102. 36	74.00	28. 36	Peak	No Limit
2 *	2462. 9000	92. 34	8. 10	100. 44	54.00	46. 44	AVG	No Limit
3	2483. 5000	44. 03	8. 14	52. 17	74.00	-21.83	Peak	
4	2483. 5000	37. 61	8. 14	45. 75	54.00	-8. 25	AVG	
5	2487. 8000	45. 69	8. 14	53. 83	74.00	-20. 17	Peak	
6	2487. 8000	39. 91	8. 14	48. 05	54. 00	-5. 95	AVG	

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





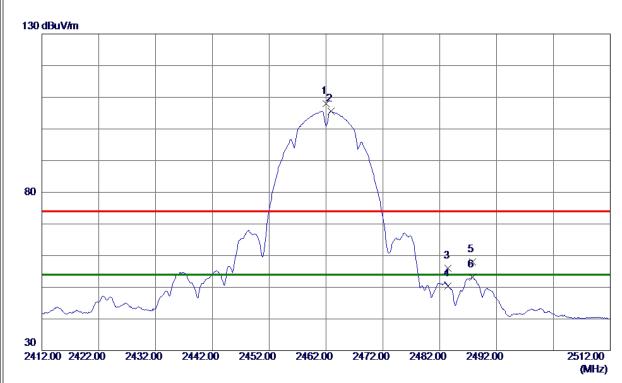


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924. 0150	43.00	4. 49	47. 49	54.00	-6. 51	AVG	
2	4924. 8849	46. 42	4. 49	50. 91	74. 00	-23. 09	Peak	

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



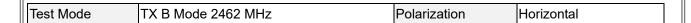


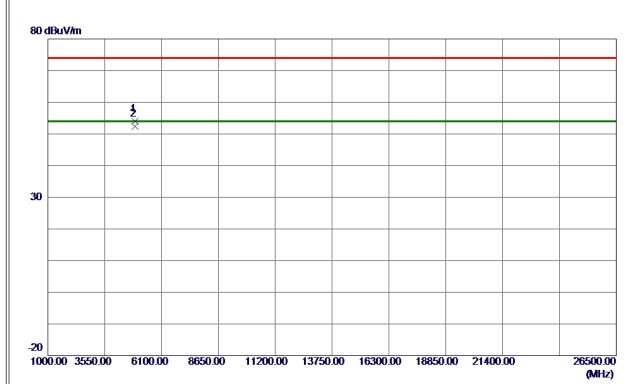


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462. 0000	99. 86	8. 10	107. 96	74.00	33. 96	Peak	No Limit
2 *	2462. 9000	97. 52	8. 10	105. 62	54.00	51.62	AVG	No Limit
3	2483. 5000	47. 90	8. 14	56. 04	74.00	-17. 96	Peak	
4	2483. 5000	42. 21	8. 14	50. 35	54.00	-3. 65	AVG	
5	2487. 8000	49. 84	8. 14	57. 98	74.00	-16. 02	Peak	
6	2487. 8000	45. 01	8. 14	53. 15	54. 00	-0.85	AVG	

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





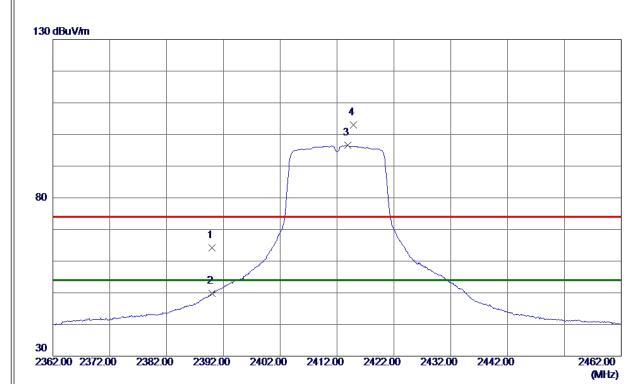


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923. 9600	49. 59	4. 49	54. 08	74.00	-19. 92	Peak	
2 *	4924. 0250	47. 93	4. 49	52. 42	54. 00	-1. 58	AVG	

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



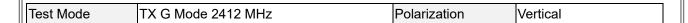


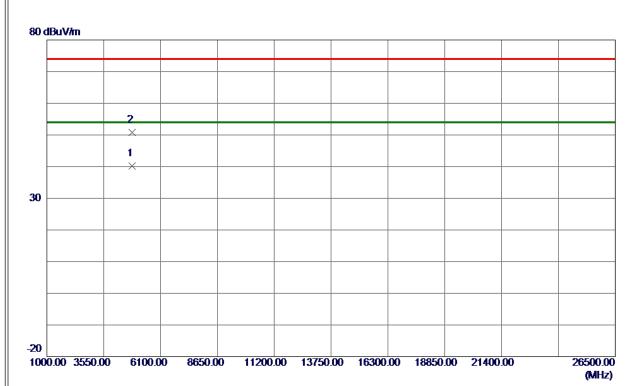


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	56. 30	7. 98	64. 28	74.00	-9. 72	Peak	
2	2390. 0000	41.87	7. 98	49. 85	54.00	-4 . 15	AVG	
3 *	2413. 9000	88. 50	8. 02	96. 52	54.00	42. 52	AVG	No Limit
4	2414. 9000	94. 98	8. 02	103. 00	74. 00	29. 00	Peak	No Limit

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





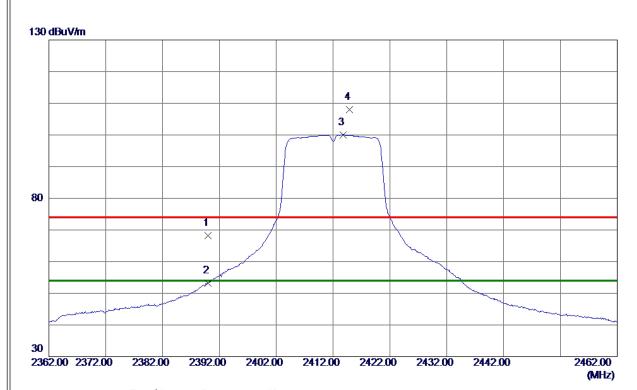


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824. 4500	35. 95	4. 33	40. 28	54.00	-13. 72	AVG	
2	4824. 6000	46. 43	4. 33	50. 76	74. 00	-23. 24	Peak	

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



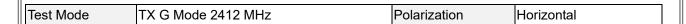


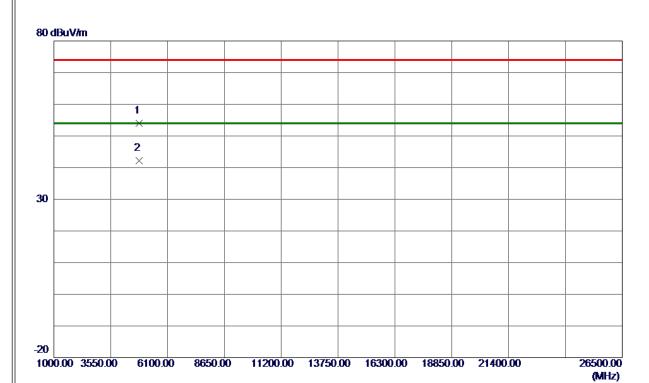


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	60. 25	7. 98	68. 23	74.00	-5. 77	Peak	
2	2390. 0000	45 . 28	7. 98	53. 26	54.00	-0. 74	AVG	
3 *	2413. 8000	92. 08	8. 02	100. 10	54.00	46. 10	AVG	No Limit
4	2414. 9000	99. 91	8. 02	107. 93	74. 00	33. 93	Peak	No Limit

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





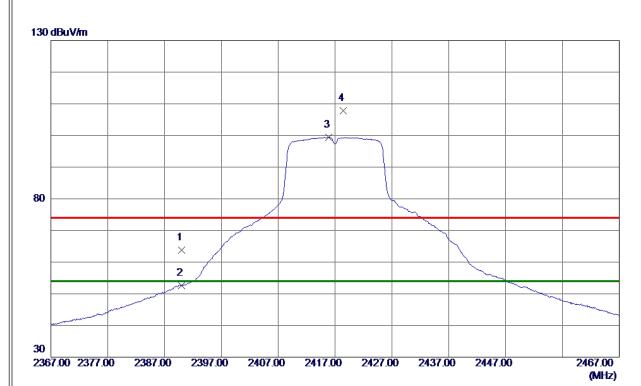


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824. 0400	49. 59	4. 33	53. 92	74.00	-20.08	Peak	
2 *	4825. 4200	37. 96	4. 33	42. 29	54. 00	-11. 71	AVG	

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





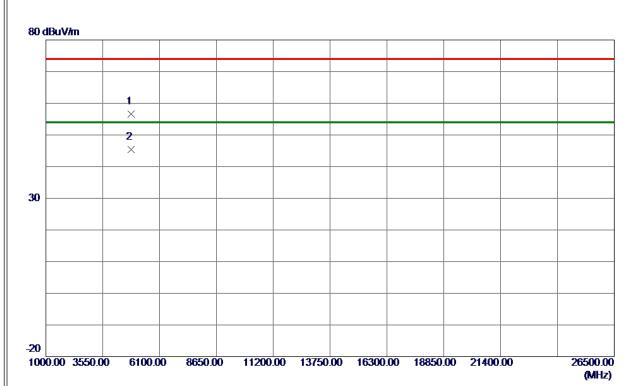


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	55. 83	7. 98	63. 81	74.00	-10. 19	Peak	
2	2390. 0000	44. 61	7. 98	52. 59	54.00	-1.41	AVG	
3 *	2415. 9000	91. 32	8. 02	99. 34	54.00	45. 34	AVG	No Limit
4	2418. 4000	99. 75	8. 03	107. 78	74. 00	33. 78	Peak	No Limit

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





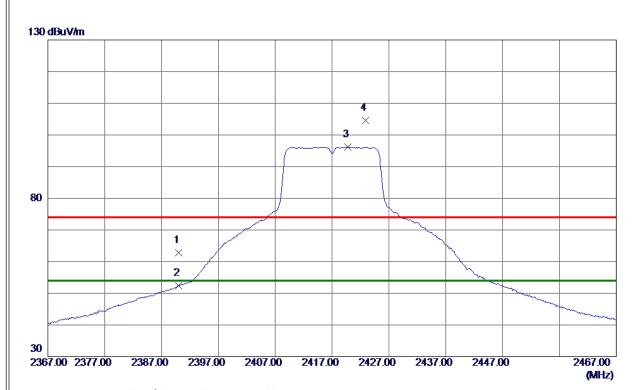


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4833. 6850	51. 92	4. 60	56. 52	74.00	-17. 48	Peak	
2 *	4835. 2750	40. 74	4. 61	45. 35	54. 00	-8. 65	AVG	

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





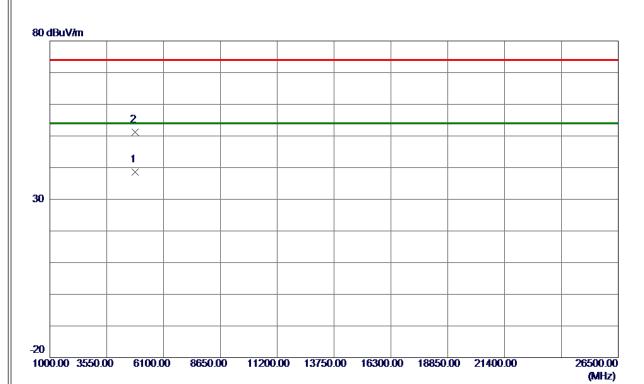


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	54. 75	7. 98	62. 73	74.00	-11. 27	Peak	
2	2390. 0000	44. 38	7. 98	52. 36	54.00	-1. 64	AVG	
3 *	2419.8000	88. 18	8. 03	96. 21	54.00	42. 21	AVG	No Limit
4	2422. 9000	96. 64	8. 03	104. 67	74.00	30. 67	Peak	No Limit

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





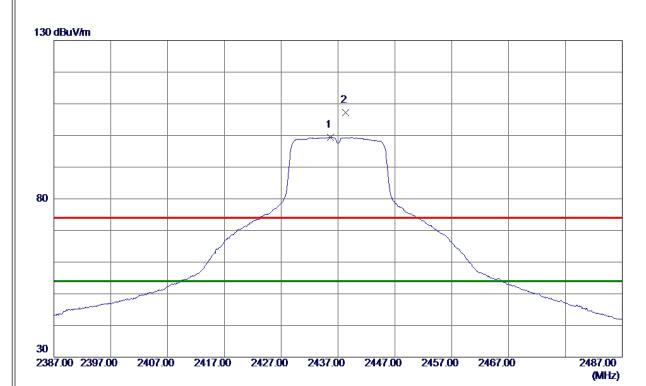


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4835. 6500	34. 00	4. 61	38. 61	54. 00	-15. 39	AVG	
2	4835, 8550	46. 59	4. 61	51. 20	74. 00	-22, 80	Peak	

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



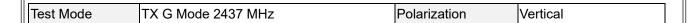


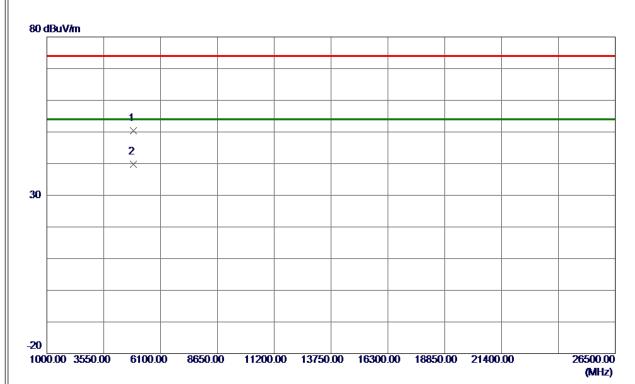


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2435. 7000	91. 40	8. 05	99. 45	54.00	45. 45	AVG	No Limit
2	2438. 3000	99. 13	8. 06	107. 19	74.00	33. 19	Peak	No Limit

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





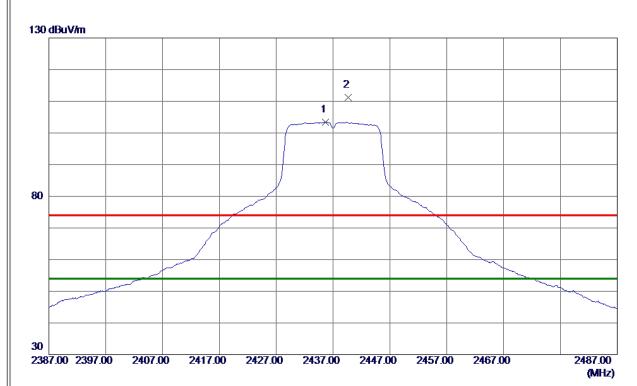


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874. 4000	46. 05	4. 41	50. 46	74.00	-23. 54	Peak	
2 *	4874. 8000	35. 31	4. 41	39. 72	54. 00	-14. 28	AVG	

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





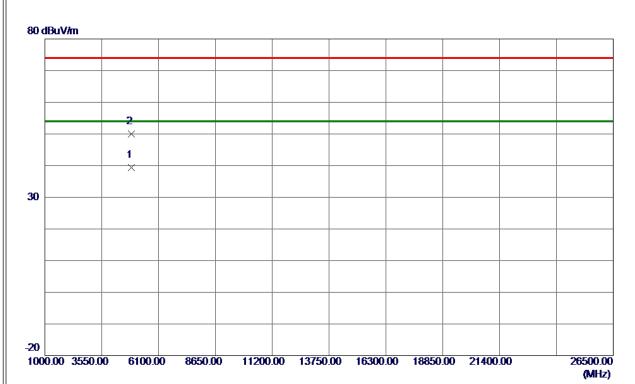


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2435. 7000	95. 32	8. 05	103. 37	54.00	49. 37	AVG	No Limit
2	2439, 7000	103. 21	8. 06	111. 27	74. 00	37. 27	Peak	No Limit

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





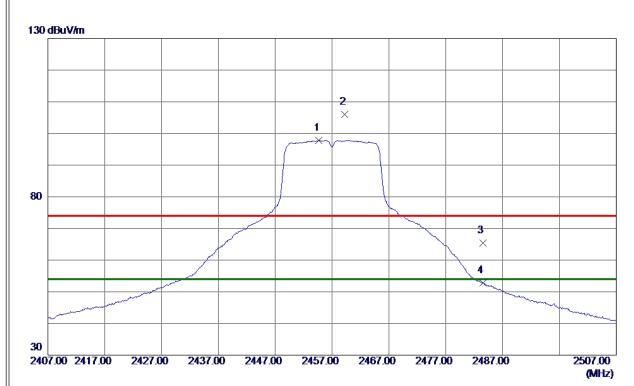


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874. 2900	35. 04	4. 41	39. 45	54. 00	-14. 55	AVG	
2	4877, 3000	45, 50	4. 42	49, 92	74. 00	-24, 08	Peak	

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





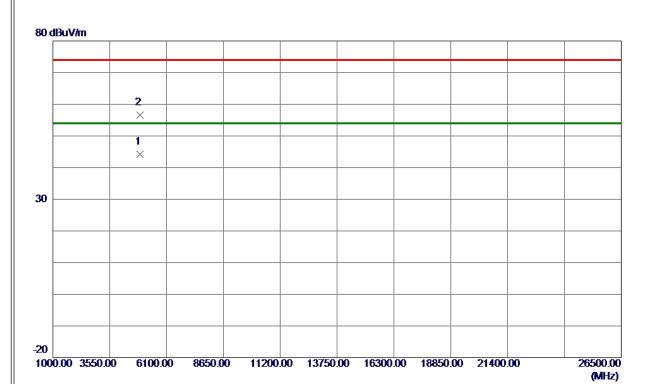


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2454. 7000	89. 71	8. 09	97. 80	54.00	43.80	AVG	No Limit
2	2459. 2000	97. 92	8. 10	106. 02	74.00	32. 02	Peak	No Limit
3	2483. 5000	57. 21	8. 14	65. 35	74.00	-8. 65	Peak	
4	2483. 5000	44. 70	8. 14	52. 84	54. 00	-1. 16	AVG	

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





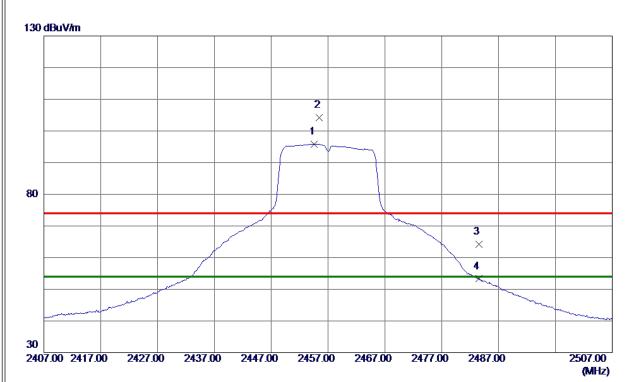


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4914. 4800	39. 35	4. 94	44. 29	54.00	-9. 71	AVG	
2	4915. 6349	51. 58	4. 94	56. 52	74. 00	-17. 48	Peak	

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



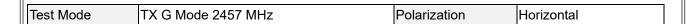


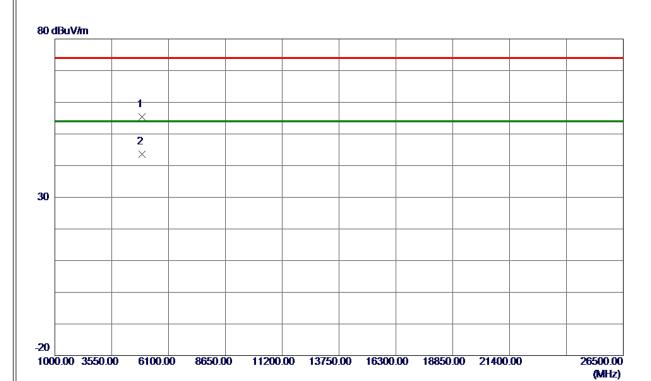


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2454. 6000	87. 77	8. 09	95. 86	54. 00	41.86	AVG	No Limit
2	2455. 4000	96. 03	8. 09	104. 12	74.00	30. 12	Peak	No Limit
3	2483. 5000	56. 10	8. 14	64. 24	74. 00	-9. 76	Peak	
4	2483, 5000	45. 16	8. 14	53. 30	54.00	-0. 70	AVG	

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





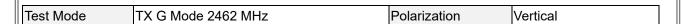


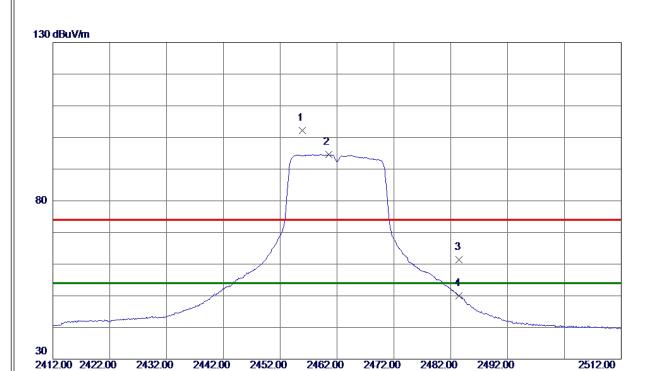
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4911. 8800	50. 47	4. 93	55. 40	74. 00	-18. 60	Peak	
2 *	4912. 8950	38. 71	4. 93	43. 64	54. 00	-10. 36	AVG	

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

(MHz)





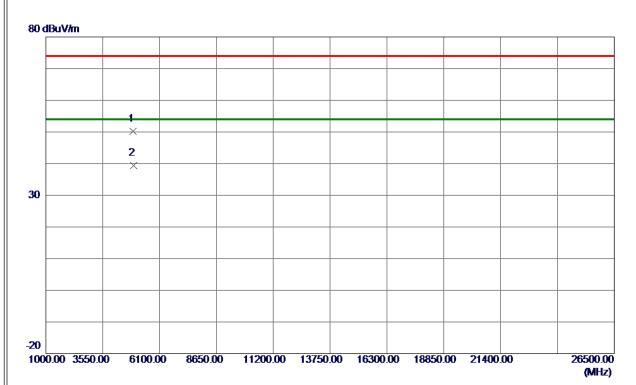


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455. 9000	94. 18	8. 09	102. 27	74.00	28. 27	Peak	No Limit
2 *	2460. 5000	86. 47	8. 10	94. 57	54.00	40. 57	AVG	No Limit
3	2483. 5000	53. 34	8. 14	61. 48	74.00	-12. 52	Peak	
4	2483. 5000	41.82	8. 14	49. 96	54. 00	-4. 04	AVG	

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





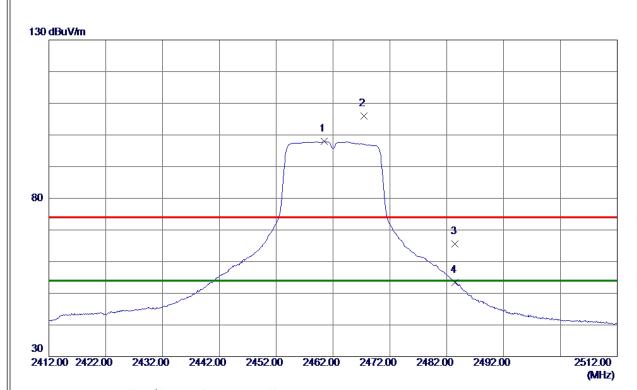


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4922. 8500	45. 64	4. 49	50. 13	74. 00	-23. 87	Peak	
2 *	4924. 8500	34. 94	4. 49	39. 43	54. 00	-14. 57	AVG	

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



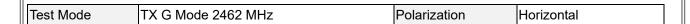


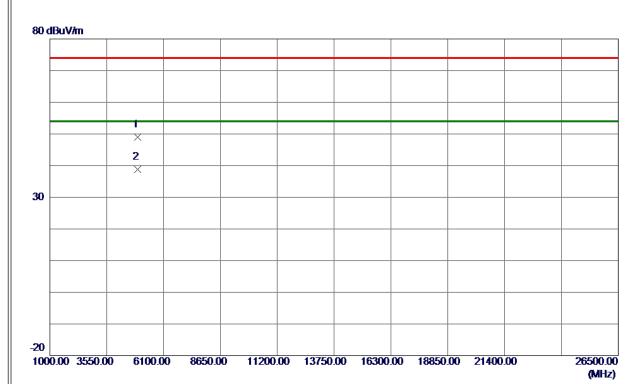


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2460. 4000	89. 87	8. 10	97. 97	54.00	43. 97	AVG	No Limit
2	2467. 4000	97. 94	8. 11	106. 05	74.00	32. 05	Peak	No Limit
3	2483. 5000	57. 51	8. 14	65. 65	74.00	-8. 35	Peak	
4	2483. 5000	45. 29	8. 14	53. 43	54.00	-0. 57	AVG	

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





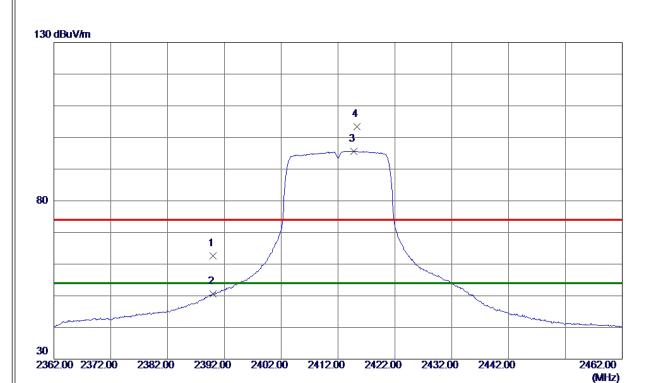


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4927. 4000	44. 54	4. 50	49. 04	74.00	-24. 96	Peak	
2 *	4927. 4000	34. 27	4. 50	38. 77	54. 00	-15. 23	AVG	

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



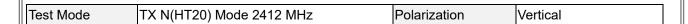


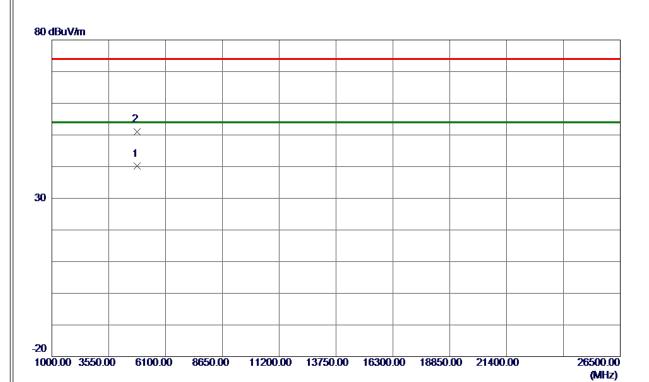


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	54. 67	7. 98	62. 65	74.00	-11. 35	Peak	
2	2390. 0000	42. 54	7. 98	50. 52	54.00	-3. 48	AVG	
3 *	2414. 8000	87. 67	8. 02	95. 69	54.00	41.69	AVG	No Limit
4	2415. 3000	95. 32	8. 02	103. 34	74. 00	29. 34	Peak	No Limit

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





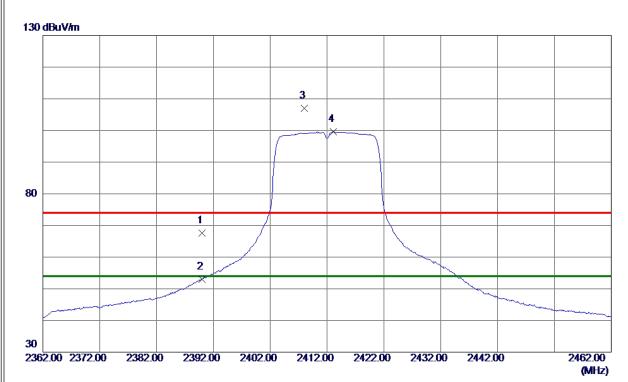


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824. 0500	35. 77	4. 33	40. 10	54.00	-13. 90	AVG	
2	4825. 8500	46. 59	4. 33	50. 92	74. 00	-23. 08	Peak	

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





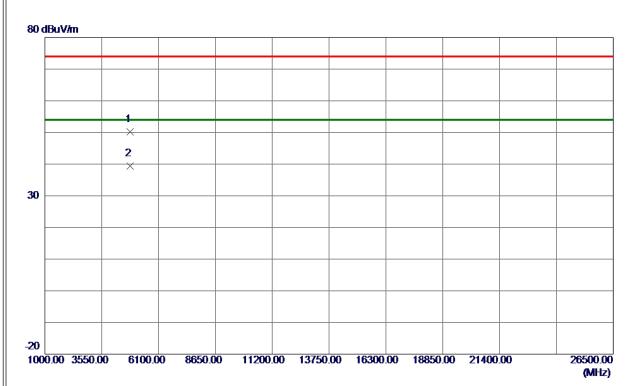


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	59. 62	7. 98	67. 60	74.00	-6. 40	Peak	
2	2390. 0000	45. 09	7. 98	53. 07	54.00	-0. 93	AVG	
3	2408. 0000	99. 05	8. 01	107. 06	74. 00	33. 06	Peak	No Limit
4 *	2413. 1000	91. 50	8. 02	99. 52	54. 00	45. 52	AVG	No Limit

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





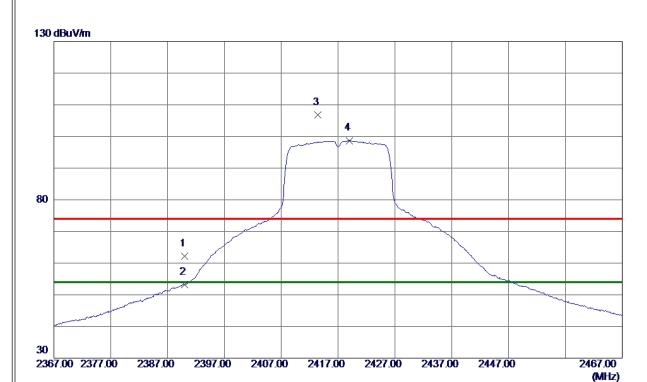


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824. 3000	45. 80	4. 33	50. 13	74.00	-23.87	Peak	
2 *	4824. 6500	34. 99	4. 33	39. 32	54. 00	-14. 68	AVG	

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





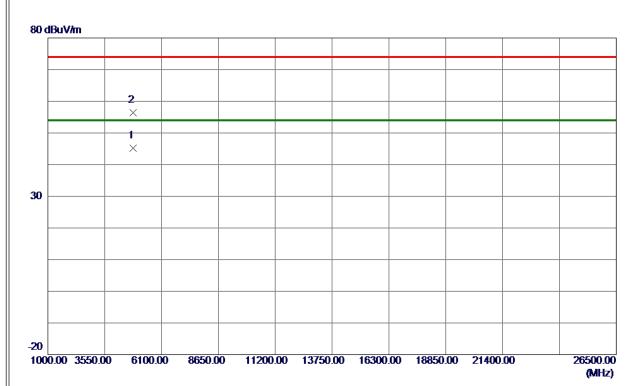


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	54. 31	7. 98	62. 29	74.00	-11.71	Peak	
2	2390. 0000	45. 15	7. 98	53. 13	54.00	-0.87	AVG	
3	2413. 4000	98. 76	8. 02	106. 78	74.00	32. 78	Peak	No Limit
4 *	2419. 0000	90. 67	8. 03	98. 70	54.00	44. 70	AVG	No Limit

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





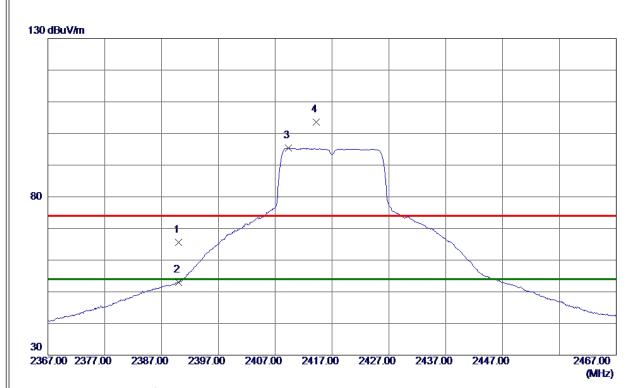


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4834. 7500	40. 66	4. 61	45. 27	54.00	-8. 73	AVG	
2	4836. 4650	51. 84	4. 61	56. 45	74. 00	-17. 55	Peak	

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



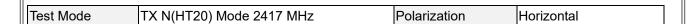


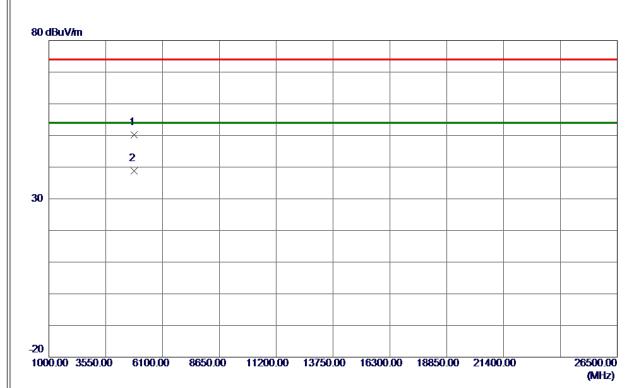


req.		Correct Factor	Measure ment	Limit	Margin		
Ηz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
390. 0000	57. 64	7. 98	65. 62	74.00	-8. 38	Peak	
390. 0000	45. 10	7. 98	53. 08	54.00	-0. 92	AVG	
409. 3000	87. 36	8. 01	95. 37	54.00	41. 37	AVG	No Limit
414. 2000	95. 57	8. 02	103. 59	74.00	29. 59	Peak	No Limit
	Iz 390. 0000 390. 0000 409. 3000	Level dBuV/m 390.0000 57.64 390.0000 45.10 409.3000 87.36	req. Level Factor dz dBuV/m dB 390.0000 57.64 7.98 390.0000 45.10 7.98 409.3000 87.36 8.01	req. Level Factor ment dz dBuV/m dB dBuV/m 390.0000 57.64 7.98 65.62 390.0000 45.10 7.98 53.08 409.3000 87.36 8.01 95.37	req. Level Factor ment Limit dz dBuV/m dB dBuV/m dBuV/m 390.0000 57.64 7.98 65.62 74.00 390.0000 45.10 7.98 53.08 54.00 409.3000 87.36 8.01 95.37 54.00	req. Level Factor ment L1m1t Margin dz dBuV/m dB dBuV/m dBuV/m dB 390.0000 57.64 7.98 65.62 74.00 -8.38 390.0000 45.10 7.98 53.08 54.00 -0.92 409.3000 87.36 8.01 95.37 54.00 41.37	req. Level Factor ment Limit Margin dz dBuV/m dB dBuV/m dB Detector 390.0000 57.64 7.98 65.62 74.00 -8.38 Peak 390.0000 45.10 7.98 53.08 54.00 -0.92 AVG 409.3000 87.36 8.01 95.37 54.00 41.37 AVG

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





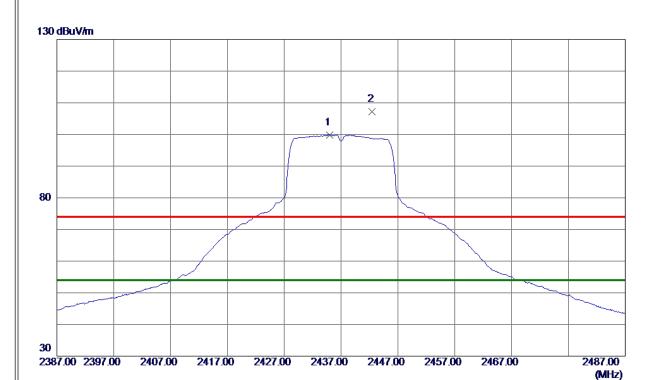


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4832. 7400	45 . 66	4. 60	50. 26	74.00	-23. 74	Peak	
2 *	4834. 8400	34. 12	4. 61	38. 73	54. 00	-15. 27	AVG	

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





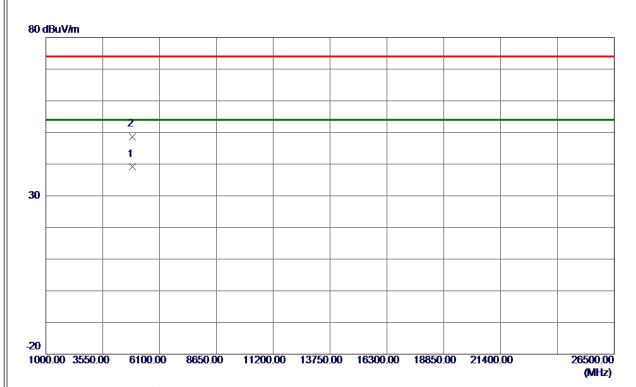


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2435. 0000	91. 71	8. 05	99. 76	54.00	45. 76	AVG	No Limit
2	2442. 5000	99. 21	8. 07	107. 28	74.00	33. 28	Peak	No Limit

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





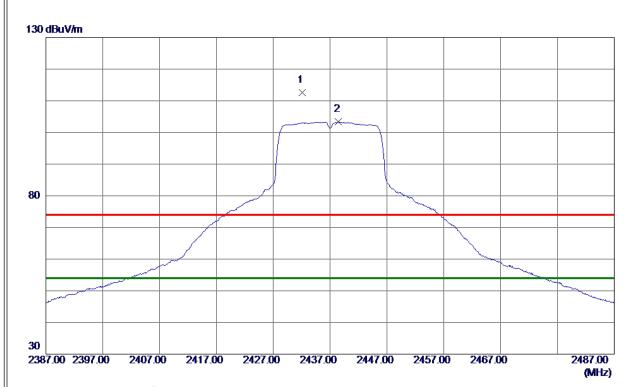


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874. 4500	34. 87	4. 41	39. 28	54.00	-14. 72	AVG	
2	4875, 6000	44. 29	4. 41	48. 70	74. 00	-25. 30	Peak	

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





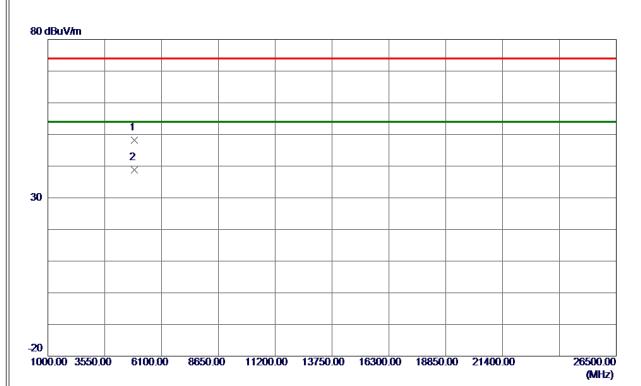


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2432. 1000	104. 63	8. 05	112.68	74.00	38. 68	Peak	No Limit
2 *	2438. 5000	95. 26	8. 06	103. 32	54. 00	49. 32	AVG	No Limit

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





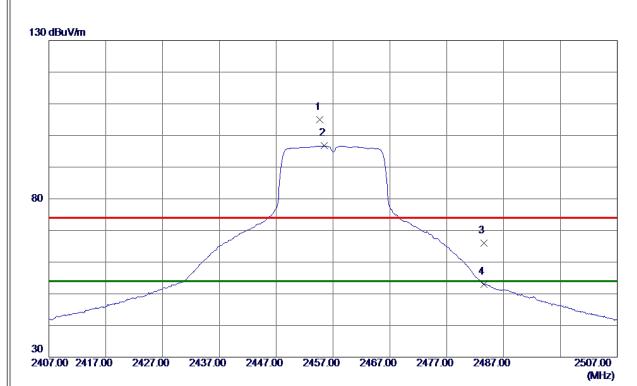


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874. 5500	43.87	4. 41	48. 28	74.00	-25. 72	Peak	
2 *	4874. 8500	34. 39	4. 41	38. 80	54. 00	-15. 20	AVG	

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



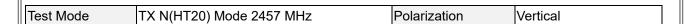


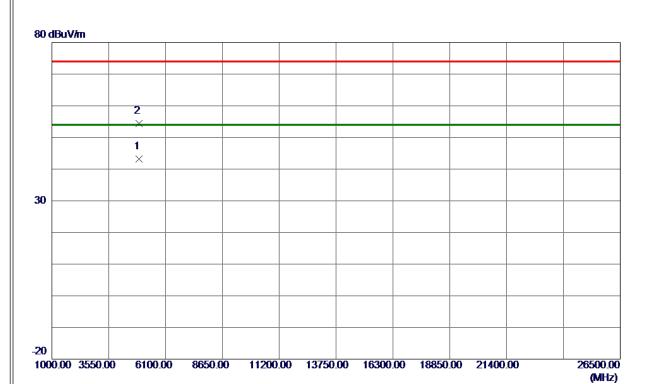


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2454. 7000	96. 88	8. 09	104. 97	74.00	30. 97	Peak	No Limit
2 *	2455. 4000	88. 62	8. 09	96. 71	54.00	42.71	AVG	No Limit
3	2483. 5000	57. 79	8. 14	65. 93	74.00	-8. 07	Peak	
4	2483. 5000	44. 85	8. 14	52. 99	54. 00	-1. 01	AVG	

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





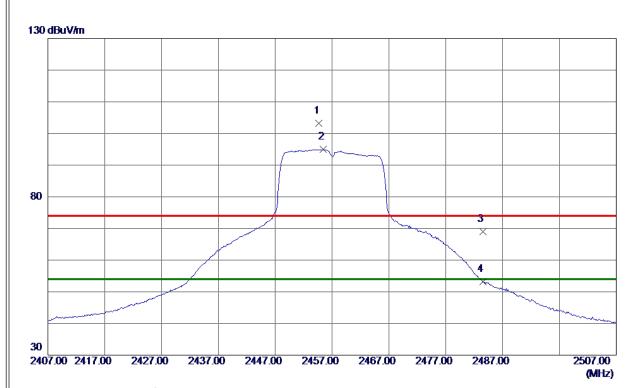


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4913. 2750	38. 29	4. 93	43. 22	54.00	-10. 78	AVG	
2	4914. 7050	49. 49	4. 94	54. 43	74. 00	-19. 57	Peak	

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



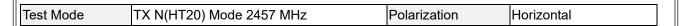


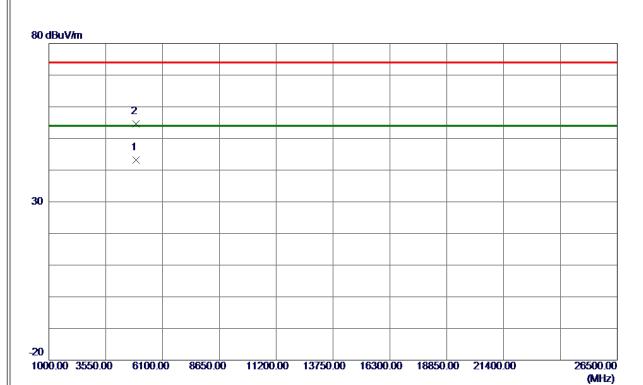


	No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
l	1	2454. 7000	95. 11	8. 09	103. 20	74.00	29. 20	Peak	No Limit
l	2 *	2455. 4000	86. 81	8. 09	94. 90	54.00	40. 90	AVG	No Limit
	3	2483. 5000	60. 93	8. 14	69. 07	74.00	-4. 93	Peak	
	4	2483. 5000	45. 13	8. 14	53. 27	54.00	-0. 73	AVG	
l	4	2483. 0000	40. 13	8. 14	33. 41	34. 00	-0. 73	AVG	

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





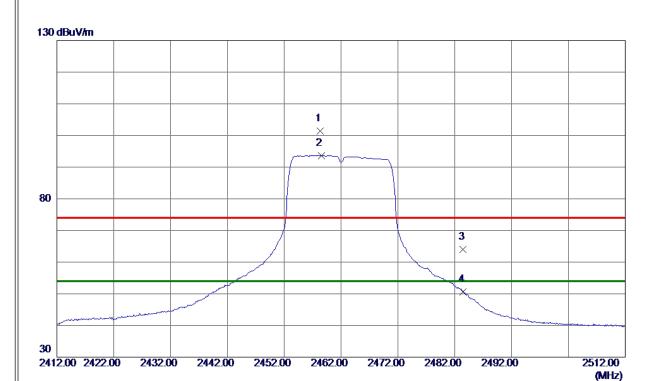


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4912. 8400	38. 34	4. 93	43. 27	54.00	-10. 73	AVG	
2	4914, 9049	49. 62	4. 94	54, 56	74. 00	-19, 44	Peak	

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



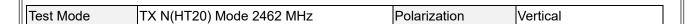


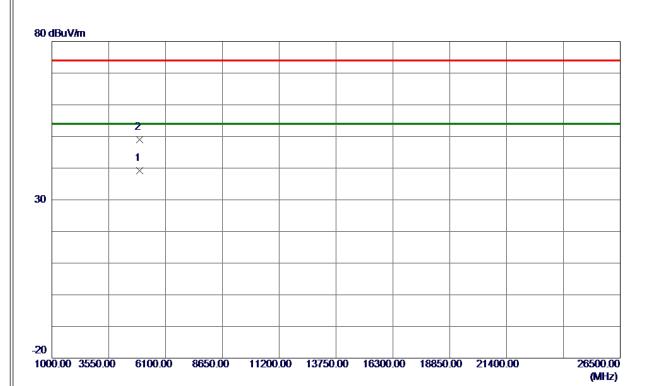


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2458. 3000	93. 31	8. 09	101. 40	74.00	27. 40	Peak	No Limit
2 *	2458. 5000	85. 59	8. 09	93. 68	54.00	39. 68	AVG	No Limit
3	2483. 5000	55. 91	8. 14	64. 05	74.00	-9. 95	Peak	
4	2483. 5000	42. 41	8. 14	50. 55	54. 00	-3. 45	AVG	

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



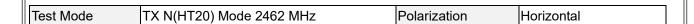


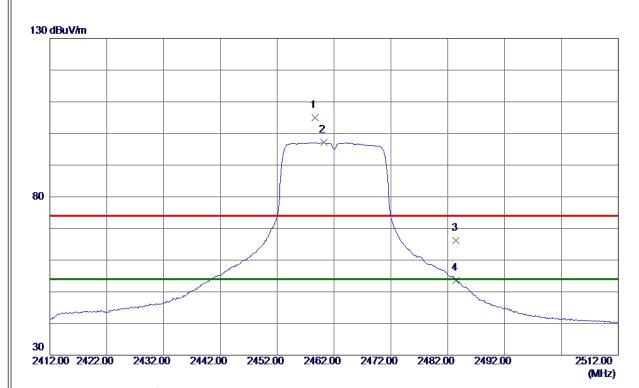


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924. 8000	34. 76	4. 49	39. 25	54.00	-14. 75	AVG	
2	4930. 9500	44. 47	4. 50	48. 97	74. 00	-25. 03	Peak	

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





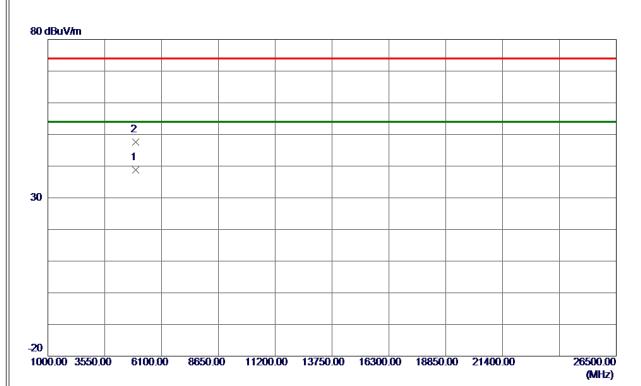


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2458. 7000	97. 01	8. 09	105. 10	74.00	31. 10	Peak	No Limit
2 *	2460. 2000	89. 01	8. 10	97. 11	54.00	43. 11	AVG	No Limit
3	2483. 5000	58. 10	8. 14	66. 24	74.00	-7. 76	Peak	
4	2483. 5000	45. 47	8. 14	53. 61	54. 00	-0. 39	AVG	

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



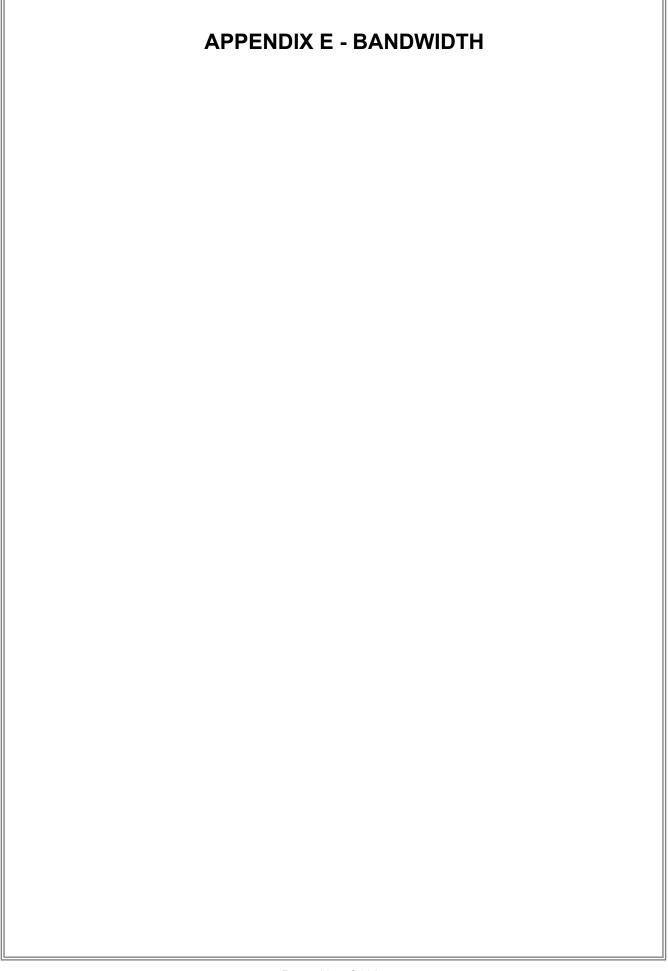




No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4927.6500	34. 26	4. 50	38. 76	54.00	-15. 24	AVG	
2	4930. 7500	43. 12	4. 50	47. 62	74. 00	-26. 38	Peak	

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

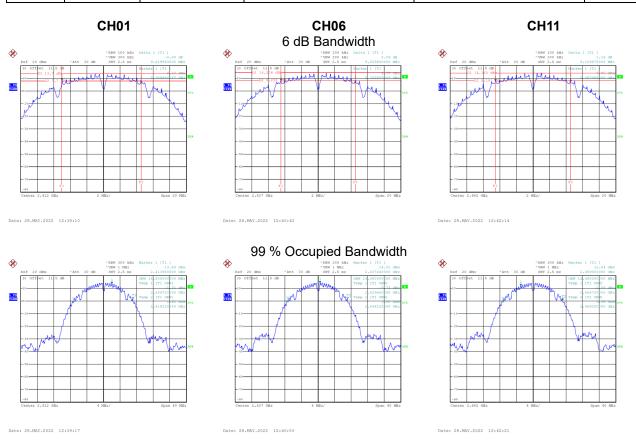






Test Mode	TX B Mode

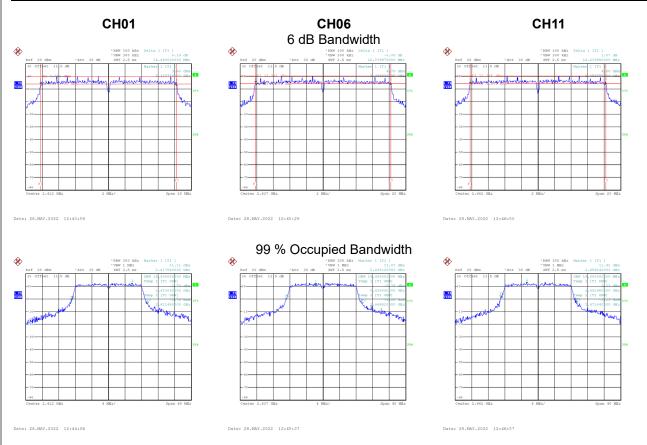
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	9.620	14.400	0.5	Complies
06	2437	9.030	14.480	0.5	Complies
11	2462	9.130	14.480	0.5	Complies





Test Mode	TX G Mode

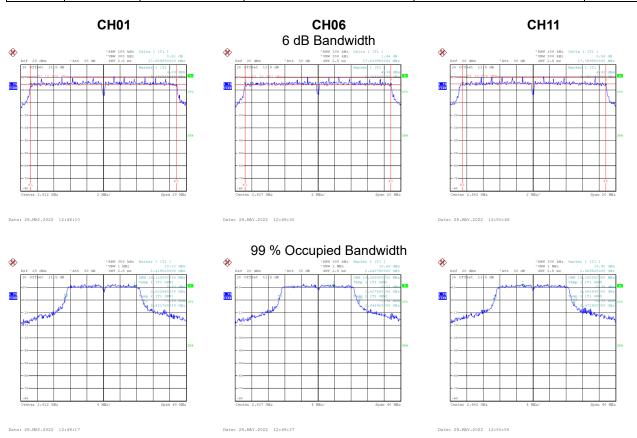
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.460	18.400	0.5	Complies
06	2437	16.380	18.480	0.5	Complies
11	2462	16.440	18.480	0.5	Complies





Test Mode	TX N(HT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	17.610	19.120	0.5	Complies
06	2437	17.640	19.360	0.5	Complies
11	2462	17.360	19.280	0.5	Complies





APPENDIX F - MAXIMUM AVERAGE OUTPUT POWER



Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.08	0.00	20.08	30.00	1.0000	Complies
06	2437	22.81	0.00	22.81	30.00	1.0000	Complies
11	2462	22.58	0.00	22.58	30.00	1.0000	Complies

17. 0 11.040	Test Mode	TX G Mode
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Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.36	0.26	18.62	30.00	1.0000	Complies
06	2437	21.24	0.26	21.50	30.00	1.0000	Complies
11	2462	17.73	0.26	17.99	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode
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Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.79	0.28	18.07	30.00	1.0000	Complies
06	2437	21.52	0.28	21.80	30.00	1.0000	Complies
11	2462	17.22	0.28	17.50	30.00	1.0000	Complies



APPENDIX G - CONDUCTED SPURIOUS EMISSIONS



