

FCC Radio Test Report

FCC ID: 2AY2VSWEX01

This report concerns: Original Grant

Project No. : 2102C293
Equipment : SOL-X SmartWatch
Brand Name : SOL-X
Test Model : SW-EX-01
Series Model : N/A
Applicant : SOL-X Pte. Ltd.
Address : 83 Clemenceau Avenue #17-05 to 08, UE Square, Singapore, 239920
Manufacturer : SOL-X Pte. Ltd.
Address : 83 Clemenceau Avenue #17-05 to 08, UE Square, Singapore, 239920
Factory : Shenzhen Saidaxin Technology Co.,Ltd
Address : 4-7 /F, Building 1, Saitu Digital Technology Park, NO. 137, Bulan Road, Jihua Street, Longgang, Shenzhen, Guangdong, P.R. China
Date of Receipt : Feb. 25, 2021
Date of Test : Mar. 10, 2021~Mar. 31, 2021
Issued Date : Jun. 03, 2021
Report Version : R00
Test Sample : Engineering Sample No.:DG20210301169 for conducted,
DG20210301170 for radiated
Standard(s) : FCC CFR Title 47, Part 15, Subpart C
ANSI C63.10-2013
FCC KDB 558074 D01 15.247 Meas Guidance v05r02

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

Nick Chen

Prepared by : Nick Chen

Ethan Ma

Approved by : Ethan Ma



Certificate #5123.02

Add: No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

Tel: +86-769-8318-3000

Web: www.newbtl.com

Declaration

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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.

Table of Contents	Page
REPORT ISSUED HISTORY	6
1 . SUMMARY OF TEST RESULTS	7
1.1 TEST FACILITY	8
1.2 MEASUREMENT UNCERTAINTY	8
1.3 TEST ENVIRONMENT CONDITIONS	9
2 . GENERAL INFORMATION	10
2.1 GENERAL DESCRIPTION OF EUT	10
2.2 DESCRIPTION OF TEST MODES	11
2.3 PARAMETERS OF TEST SOFTWARE	12
2.4 DUTY CYCLE	13
2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	14
2.6 SUPPORT UNITS	14
3 . AC POWER LINE CONDUCTED EMISSIONS	15
3.1 LIMIT	15
3.2 TEST PROCEDURE	15
3.3 DEVIATION FROM TEST STANDARD	15
3.4 TEST SETUP	16
3.5 EUT OPERATION CONDITIONS	16
3.6 TEST RESULTS	16
4 . RADIATED EMISSIONS	17
4.1 LIMIT	17
4.2 TEST PROCEDURE	18
4.3 DEVIATION FROM TEST STANDARD	19
4.4 TEST SETUP	19
4.5 EUT OPERATION CONDITIONS	20
4.6 TEST RESULTS - 9 KHZ TO 30 MHZ	20
4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ	20
4.8 TEST RESULTS - ABOVE 1000 MHZ	20
5 . BANDWIDTH	21
5.1 LIMIT	21
5.2 TEST PROCEDURE	21
5.3 DEVIATION FROM STANDARD	21
5.4 TEST SETUP	21

Table of Contents	Page
5.5 EUT OPERATION CONDITIONS	21
5.6 TEST RESULTS	21
6 . MAXIMUM OUTPUT POWER	22
6.1 LIMIT	22
6.2 TEST PROCEDURE	22
6.3 DEVIATION FROM STANDARD	22
6.4 TEST SETUP	22
6.5 EUT OPERATION CONDITIONS	22
6.6 TEST RESULTS	22
7 . CONDUCTED SPURIOUS EMISSIONS	23
7.1 LIMIT	23
7.2 TEST PROCEDURE	23
7.3 DEVIATION FROM STANDARD	23
7.4 TEST SETUP	23
7.5 EUT OPERATION CONDITIONS	23
7.6 TEST RESULTS	23
8 . POWER SPECTRAL DENSITY	24
8.1 LIMIT	24
8.2 TEST PROCEDURE	24
8.3 DEVIATION FROM STANDARD	24
8.4 TEST SETUP	24
8.5 EUT OPERATION CONDITIONS	24
8.6 TEST RESULTS	24
9 . MEASUREMENT INSTRUMENTS LIST	25
10 . EUT TEST PHOTO	27
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS	31
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ	34
APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ	39
APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ	42
APPENDIX E - BANDWIDTH	91
APPENDIX F - MAXIMUM OUTPUT POWER	96
APPENDIX G - CONDUCTED SPURIOUS EMISSIONS	98

Table of Contents**Page****APPENDIX H - POWER SPECTRAL DENSITY****103**

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Jun. 03, 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 Road, Shixia, Dalang Town, Dongguan, Guangdong, 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	2.68

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	-	3.02
		30MHz ~ 200MHz	V	4.26
		30MHz ~ 200MHz	H	3.38
		200MHz ~ 1,000MHz	V	3.98
		200MHz ~ 1,000MHz	H	3.94
		1GHz ~ 6GHz	-	3.96
		6GHz ~ 18GHz	-	5.24
		18GHz ~ 26.5GHz	-	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	Hand Huang
Radiated Emissions-9kHz to 30 MHz	25°C	60%	DC 5V	Kwok Guo
Radiated Emissions-30MHz to 1000MHz	26°C	52%	DC 5V	Kwok Guo
Radiated Emissions-Above 1000MHz	26°C	52%	DC 5V	Kwok Guo
Bandwidth	25°C	62%	DC 5V	Hayden Chen
Maximum Output Power	25°C	62%	DC 5V	Evan Yang
Conducted Spurious Emissions	25°C	62%	DC 5V	Hayden Chen
Power Spectral Density	25°C	62%	DC 5V	Hayden Chen

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	SOL-X SmartWatch
Brand Name	SOL-X
Test Model	SW-EX-01
Series Model	N/A
Model Difference(s)	N/A
Power Source	SmartWatch: 1# Supplied from charging Dock. 2# Supplied from battery. Model: 733234P Charging Dock: DC Voltage supplied from AC adapter. Model: SK12G-0500100Z
Power Rating	SmartWatch: 1# 5.0V $\equiv$ 1.0A 2# DC 3.7V 850mAh Adapter: I/P: 100-240V ~ 50/60Hz 0.2A Max O/P: 5.0V $\equiv$ 1.0A Charging Dock Input: 5.0V $\equiv$ 1.0A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 150 Mbps
Maximum Output Power	IEEE 802.11b: 18.14 dBm (0.0652 W) IEEE 802.11g: 16.29 dBm (0.0426 W) IEEE 802.11n (HT20): 15.24 dBm (0.3342 W) IEEE 802.11n (HT40): 15.38 dBm (0.3451 W)

Note:

- 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), CH03 - CH09 for IEEE 802.11n(HT40),							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	sunnyway	MW681	PIFA	LDS	-0.37

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 N(HT40) Mode Channel 03/06/09
Mode 5	TX B Mode Channel 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 5	TX B Mode Channel 11

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 5	TX B Mode Channel 11

Radiated emissions test- Above 1GHz	
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

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
Mode 4	TX N(HT40) Mode Channel 03/06/09

NOTE:

- (1) The measurements are performed at the high, middle, low available channels.
- (2) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (3) For AC power line conducted emissions and radiated emission below 1 GHz test, the IEEE 802.11b channel 11 is found to be the worst case and recorded.

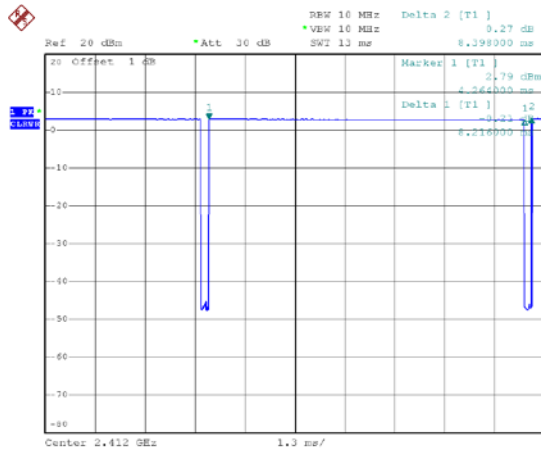
2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	QDART_CONN.WIN.1.0 Installer-00040.3		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	18.5	19	18.5
IEEE 802.11g	14	17	16.5
IEEE 802.11n(HT20)	13	15.5	15.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	15.5	11	15

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.

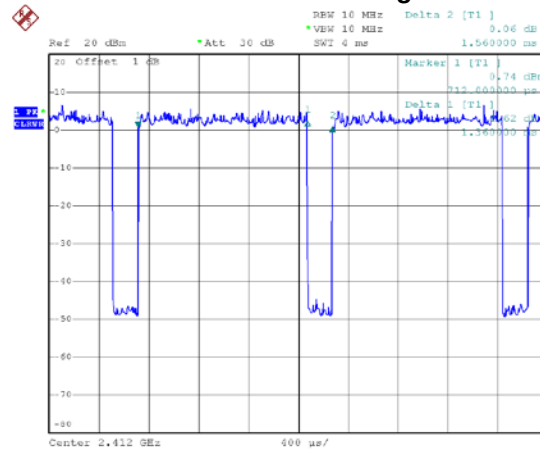
IEEE 802.11b



Date: 2.MAR.2021 15:40:21

Duty cycle = 8.216 ms / 8.398 ms = 97.83%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.10$

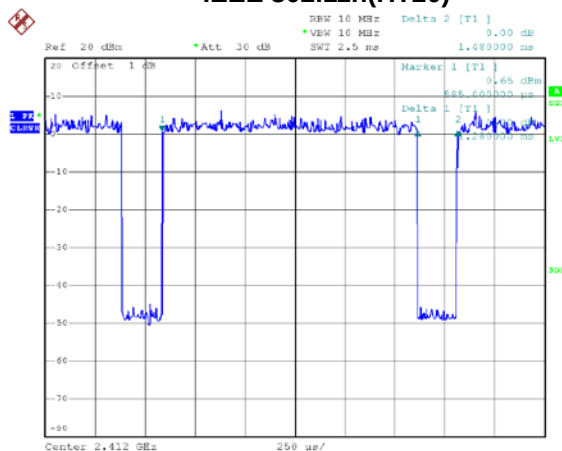
IEEE 802.11g



Date: 2.MAR.2021 15:42:48

Duty cycle = 1.360 ms / 1.560 ms = 87.18%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.60$

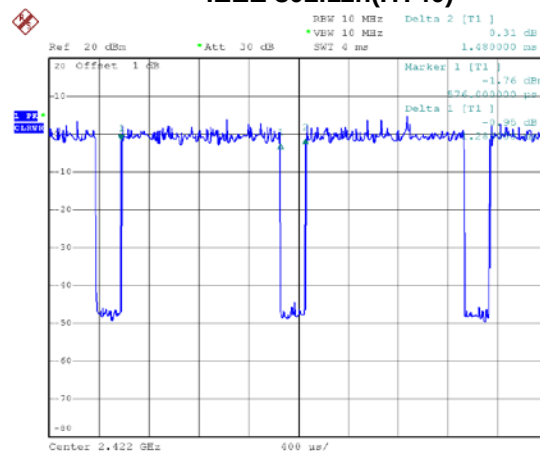
IEEE 802.11n(HT20)



Date: 2.MAR.2021 15:43:36

Duty cycle = 1.280 ms / 1.480 ms = 86.49%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.63$

IEEE 802.11n(HT40)



Date: 2.MAR.2021 15:44:21

Duty cycle = 1.280 ms / 1.480 ms = 86.49%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.63$

NOTE:

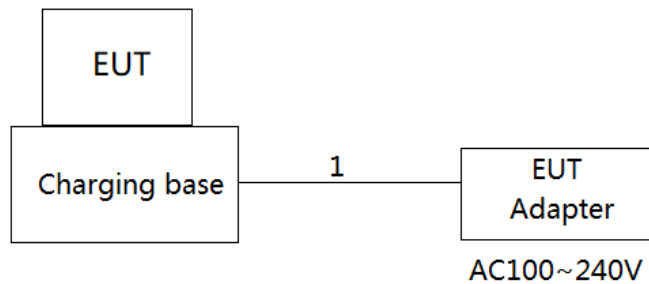
For IEEE 802.11b, IEEE 802.11g and IEEE 802.11n(HT20):

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

For IEEE 802.11n(HT40):

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

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	DC Cable	NO	NO	1.2m

3. AC POWER LINE CONDUCTED EMISSIONS

3.1 LIMIT

Frequency of Emission (MHz)	Limit (dB μ V)	
	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.

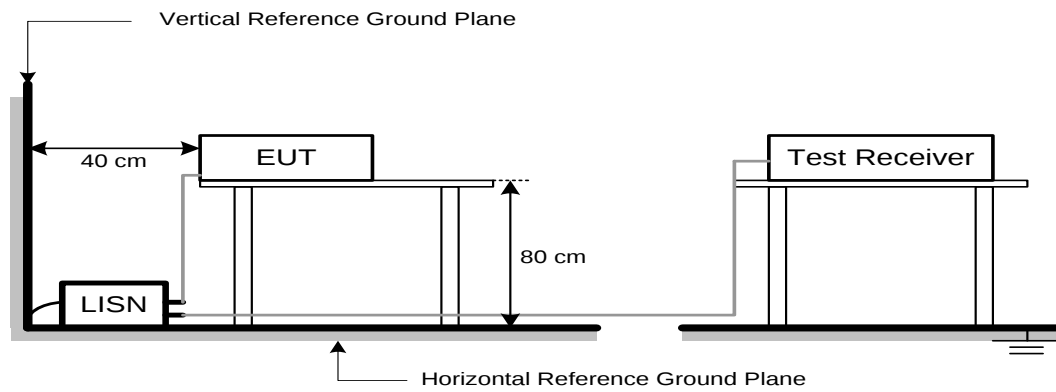
The following table is the setting of the receiver:

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 (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	(dBuV/m at 3 m)	
	Peak	Average
Above 1000	74	54

NOTE:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

4.2 TEST PROCEDURE

- 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)
- 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)
- 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.
- 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).
- 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.
- 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.
- 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)
- 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 (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

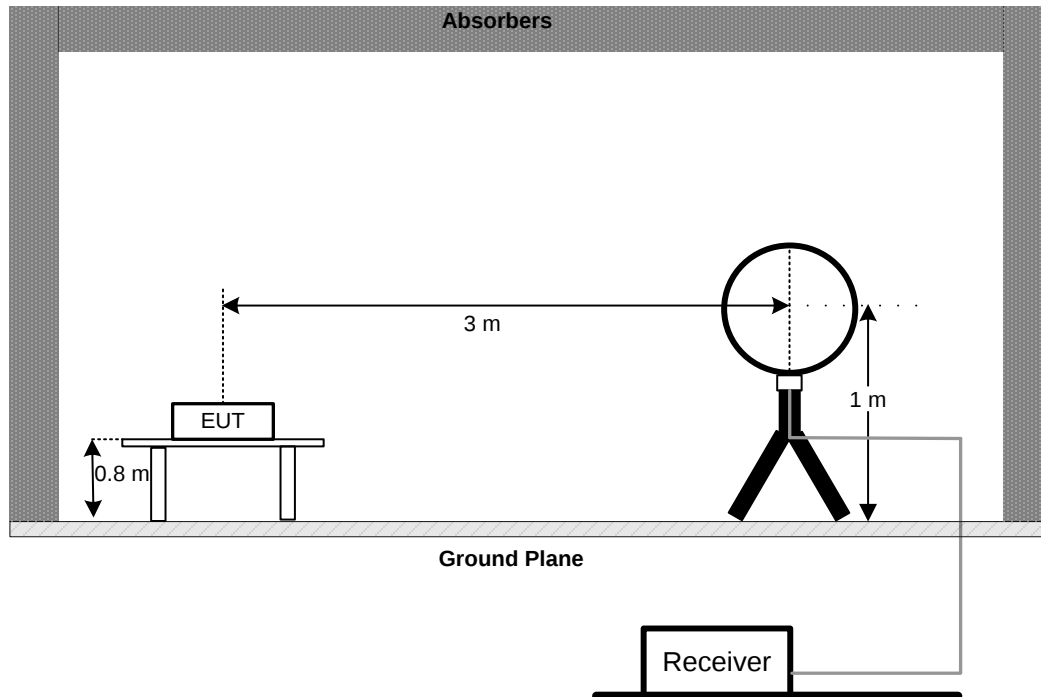
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

4.3 DEVIATION FROM TEST STANDARD

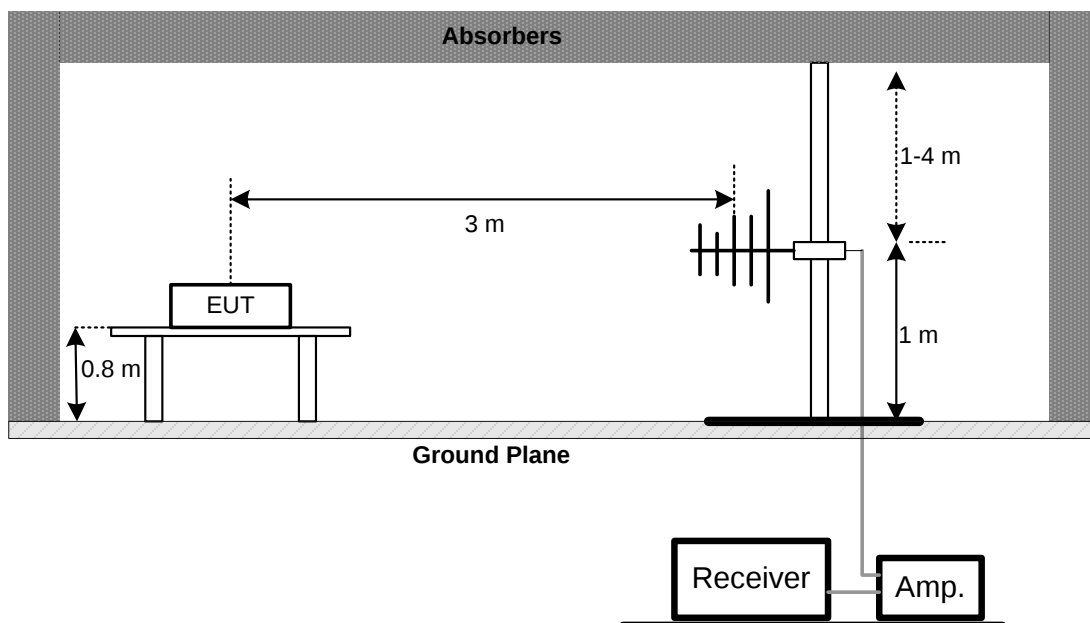
No deviation.

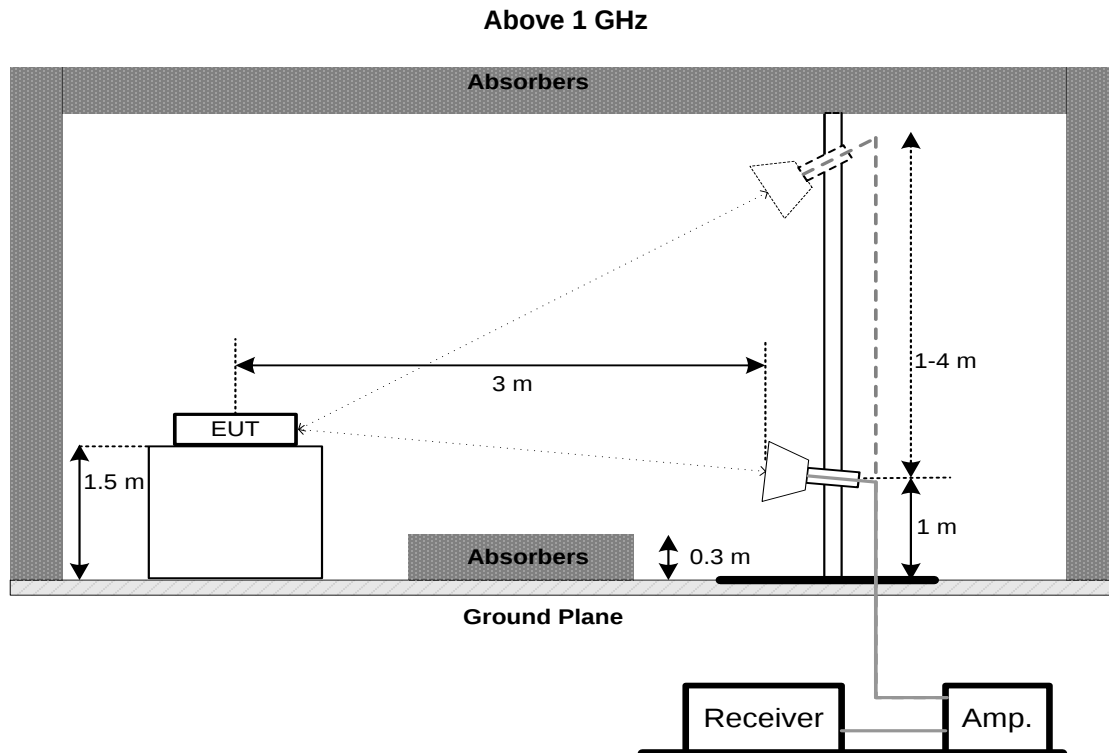
4.4 TEST SETUP

9 kHz to 30 MHz



30 MHz to 1 GHz





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 = $40 \log (\text{specific distance} / \text{test distance})$ (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

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

For 6 dB Bandwidth:

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

For 99% Emission Bandwidth:

Spectrum Parameters	Setting
Span Frequency	Between 1.5 times and 5.0 times the OBW
RBW	300 kHz 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

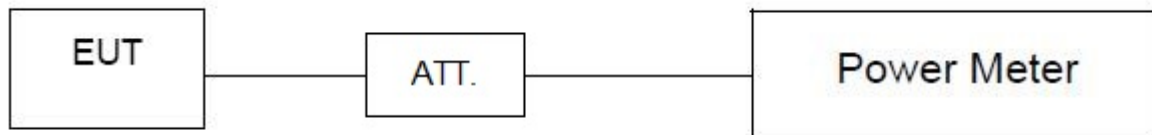
6.2 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- 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

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- 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	100 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

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- 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	Antenna	EM	EM-6876-1	230	Apr. 16, 2021
2	Cable	N/A	RG 213/U	N/A	May 29, 2021
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. 25, 2021

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3231	Apr. 17, 2021
2*	Amplifier	HP	8447D	2944A08908	Feb. 28, 2022
3	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 22, 2021
5	Controller	CT	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. 25, 2021

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 12, 2021
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jul. 07, 2021
3	Amplifier	Agilent	8449B	3008A02334	Feb. 27, 2022
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 28, 2022
5	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	N/A	EMC104-SM-SM-6 000	N/A	May 09, 2021
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Filter	STI	STI15-9912	N/A	Jul. 25, 2021
11	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

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. 25, 2021
2	RF Cable	Tongkaichuan	N/A	N/A	N/A
3	DC Block	Mini	N/A	N/A	N/A
4	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022

Maximum Output Power & e.i.r.p.					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Aug. 07, 2021
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 25, 2021
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.

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

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

10. EUT TEST PHOTO

AC Power Line Conducted Emissions Test Photos



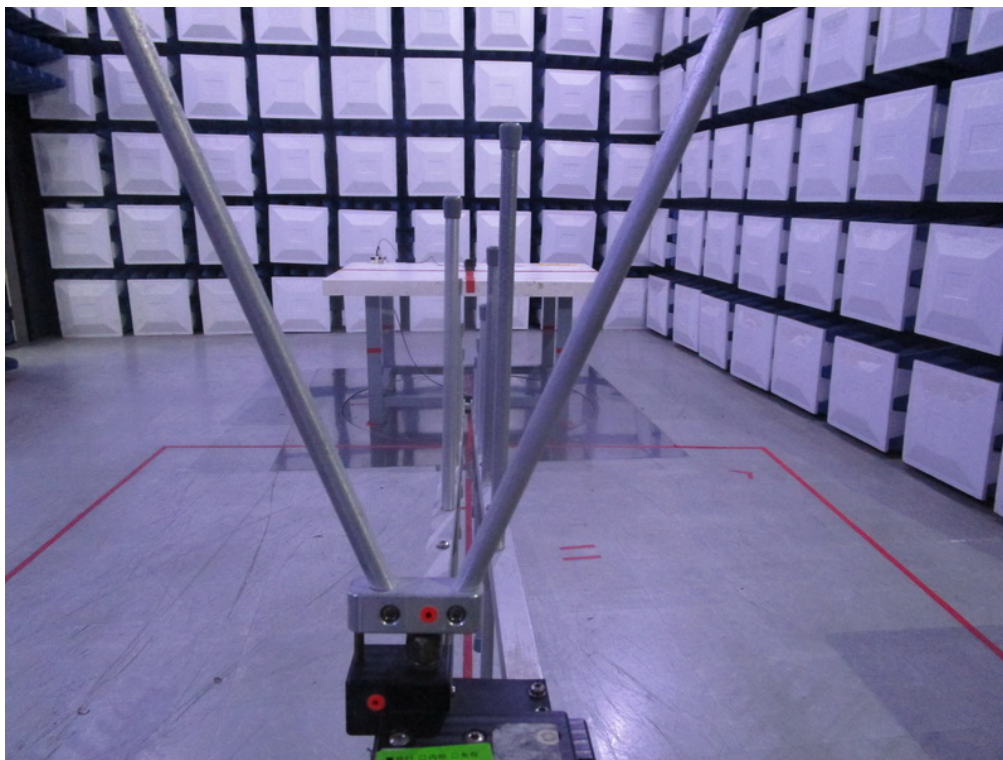
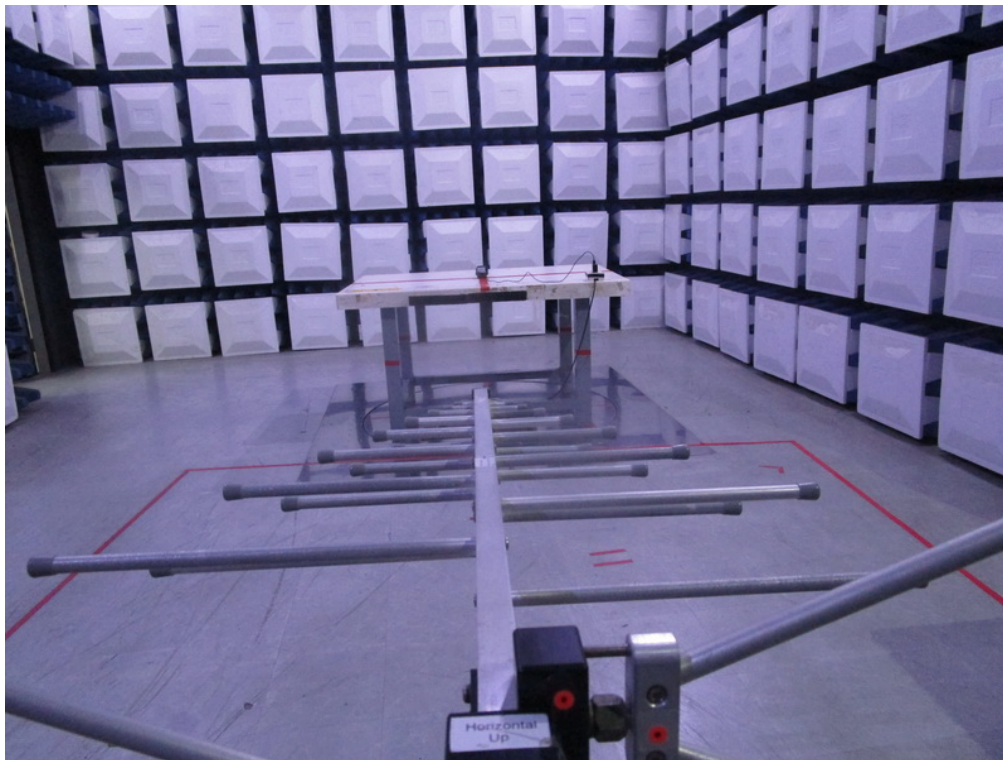
Radiated Emissions Test Photos

9 kHz to 30 MHz



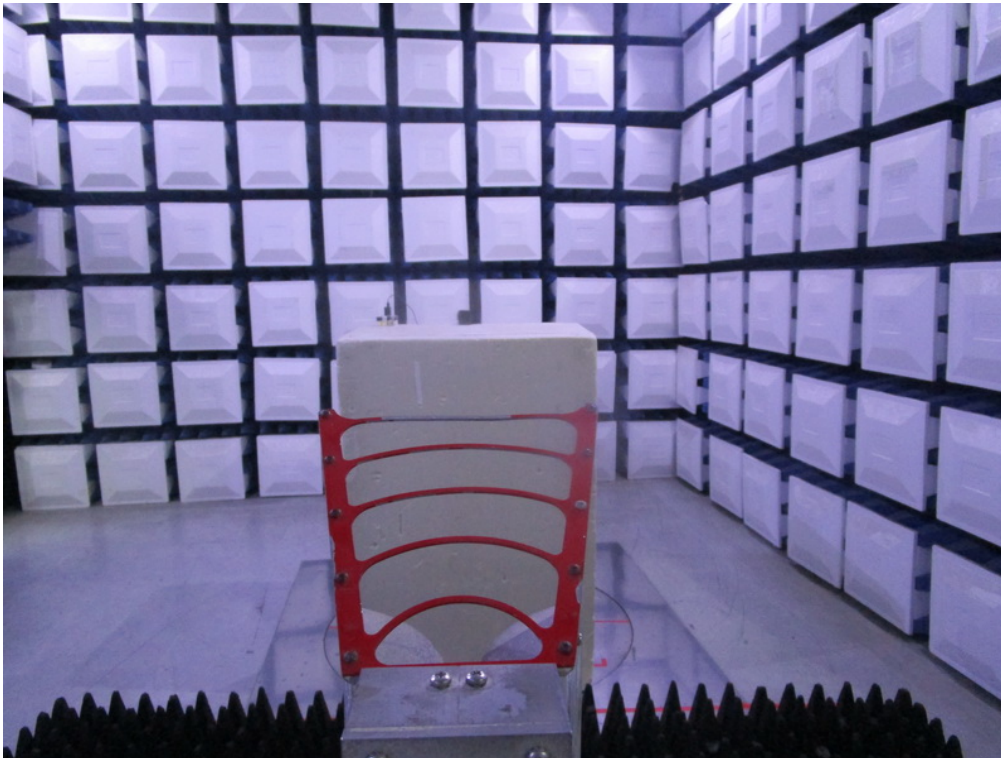
Radiated Emissions Test Photos

30 MHz to 1000 MHz



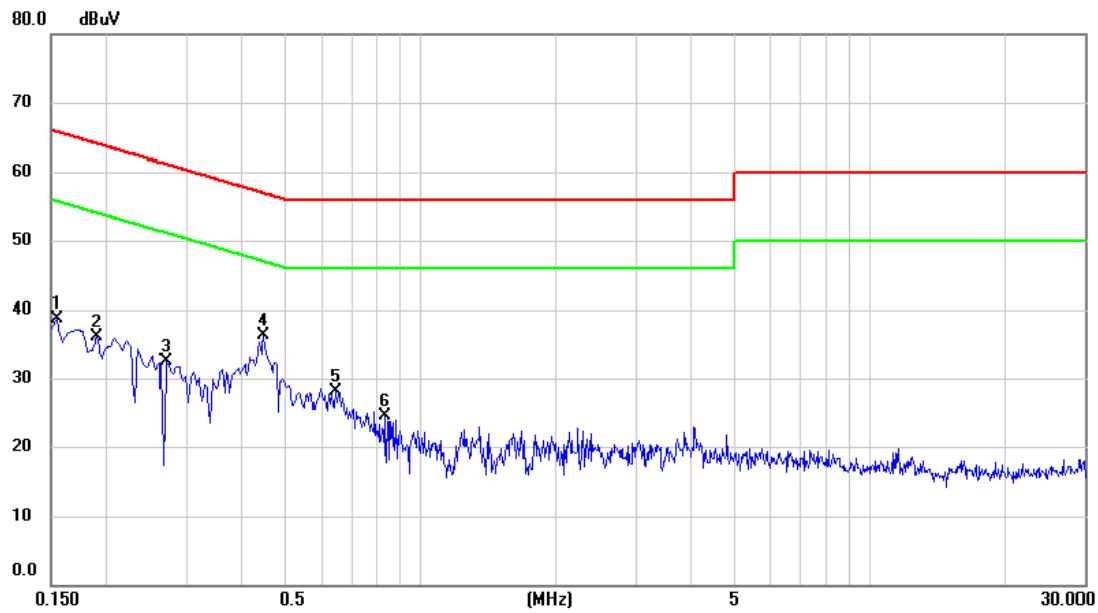
Radiated Emissions Test Photos

Above 1 GHz



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX B Mode Channel 11	Phase	Line
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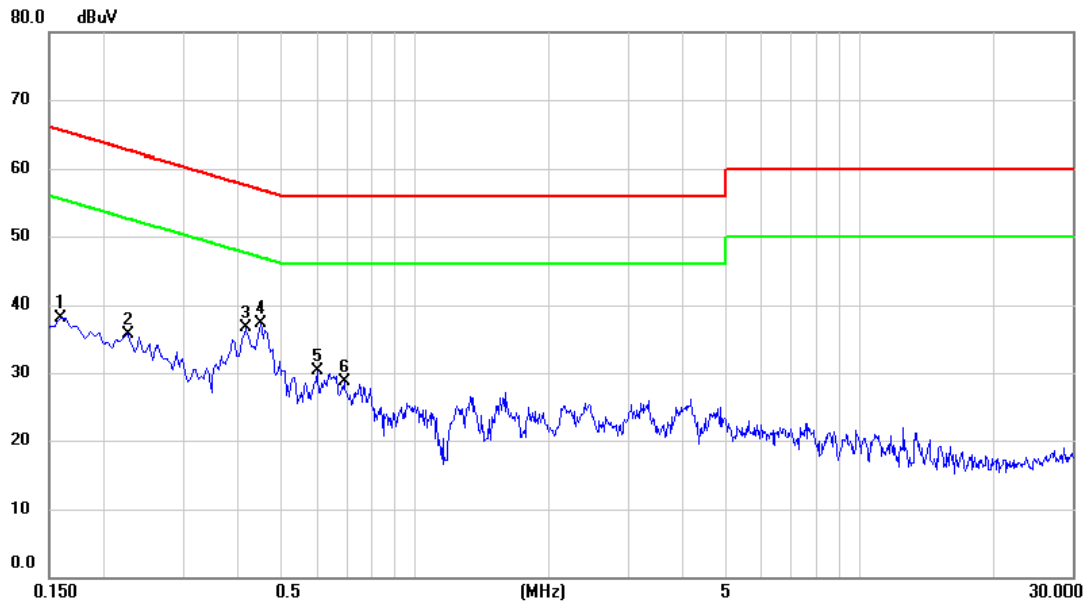
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1545	28.91	9.70	38.61	65.75	-27.14	peak	
2	0.1905	26.30	9.88	36.18	64.01	-27.83	peak	
3	0.2714	22.67	9.87	32.54	61.07	-28.53	peak	
4 *	0.4470	26.40	9.91	36.31	56.93	-20.62	peak	
5	0.6450	18.20	9.90	28.10	56.00	-27.90	peak	
6	0.8340	14.47	9.96	24.43	56.00	-31.57	peak	

REMARKS:

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

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

Test Mode	TX B Mode Channel 11	Phase	Neutral
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1590	28.31	9.81	38.12	65.52	-27.40	peak	
2		0.2265	25.62	9.99	35.61	62.58	-26.97	peak	
3		0.4155	26.55	10.08	36.63	57.54	-20.91	peak	
4	*	0.4515	27.13	10.10	37.23	56.85	-19.62	peak	
5		0.6000	20.14	10.17	30.31	56.00	-25.69	peak	
6		0.6900	18.61	10.10	28.71	56.00	-27.29	peak	

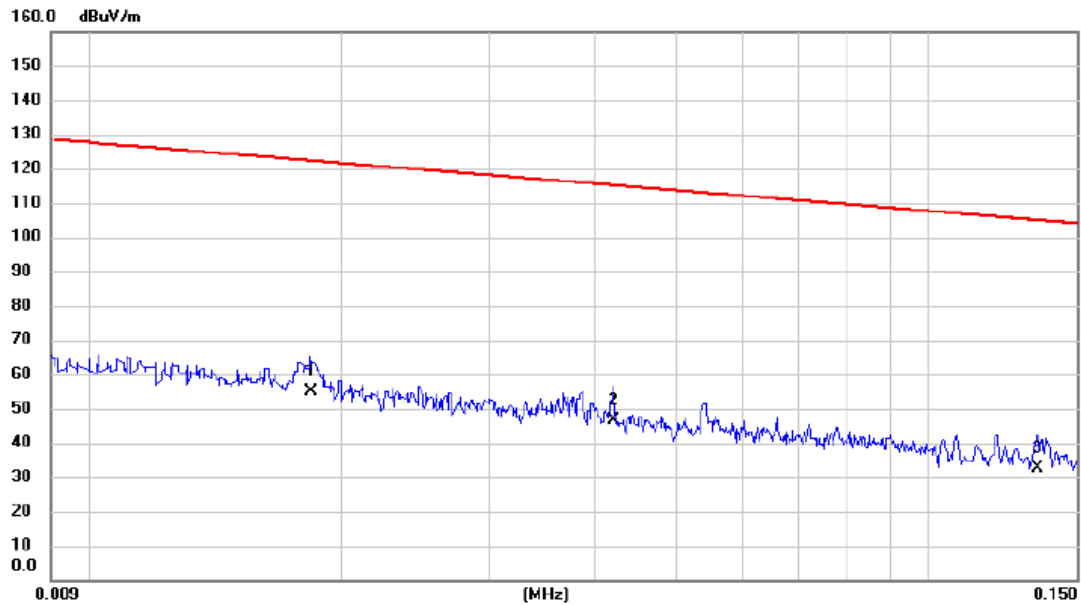
REMARKS:

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

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX B Mode Channel 11	Polarization	Ant 0°
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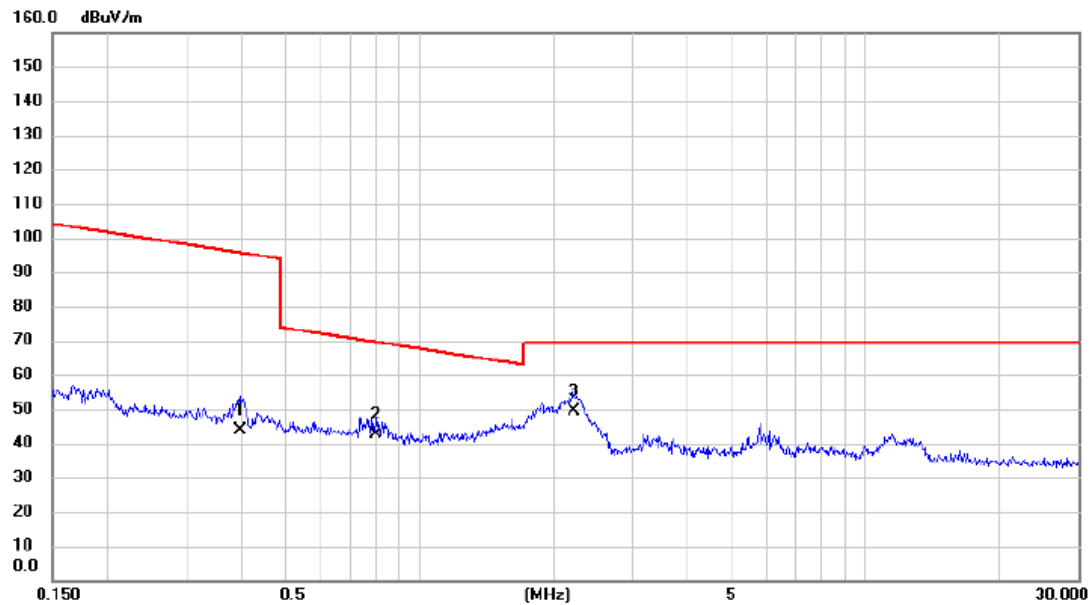
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0184	41.25	13.72	54.97	122.31	-67.34	AVG	
2		0.0421	34.01	12.63	46.64	115.12	-68.48	AVG	
3		0.1348	19.76	12.73	32.49	105.01	-72.52	AVG	

REMARKS:

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

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

Test Mode	TX B Mode Channel 11	Polarization	Ant 0°
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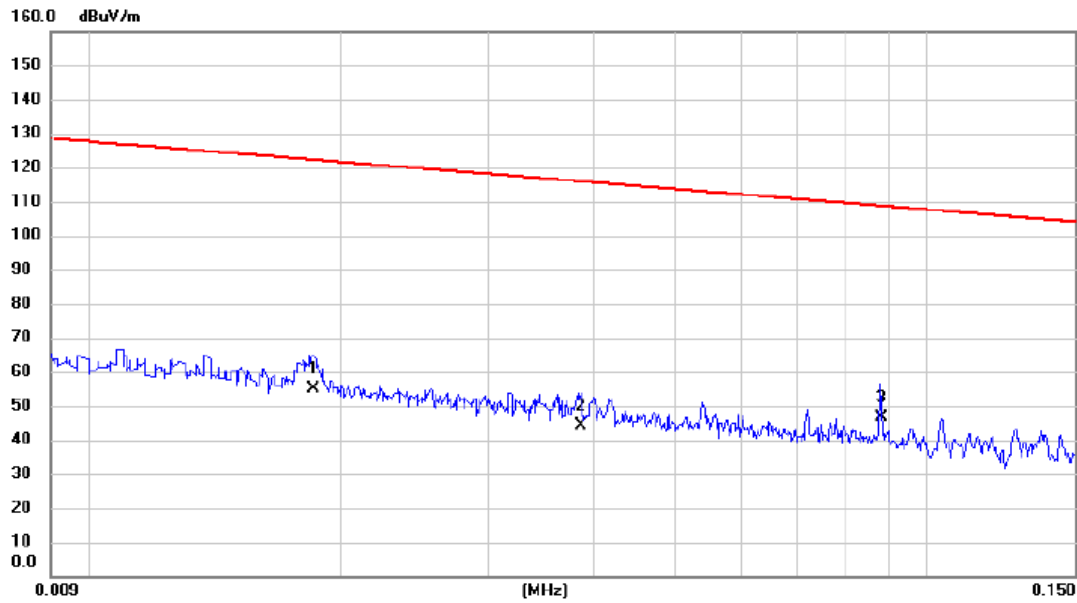


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3955	31.58	12.27	43.85	95.66	-51.81	AVG	
2		0.8002	30.82	11.88	42.70	69.54	-26.84	QP	
3	*	2.2132	38.14	11.19	49.33	69.54	-20.21	QP	

REMARKS:

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

Test Mode	TX B Mode Channel 11	Polarization	Ant 90°
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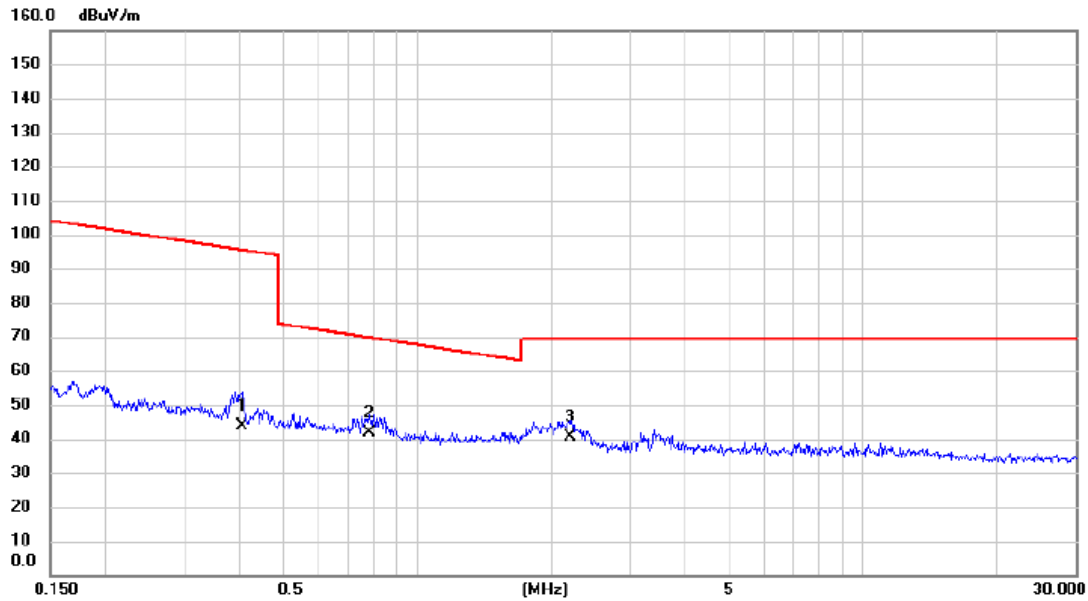


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0185	41.45	13.68	55.13	122.26	-67.13	AVG	
2		0.0386	31.32	12.72	44.04	115.87	-71.83	AVG	
3	*	0.0881	33.82	12.65	46.47	108.71	-62.24	AVG	

REMARKS:

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

Test Mode	TX B Mode Channel 11	Polarization	Ant 90°
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4040	31.68	12.25	43.93	95.48	-51.55	AVG	
2	*	0.7793	29.94	11.89	41.83	69.77	-27.94	QP	
3		2.2015	29.47	11.20	40.67	69.54	-28.87	QP	

REMARKS:

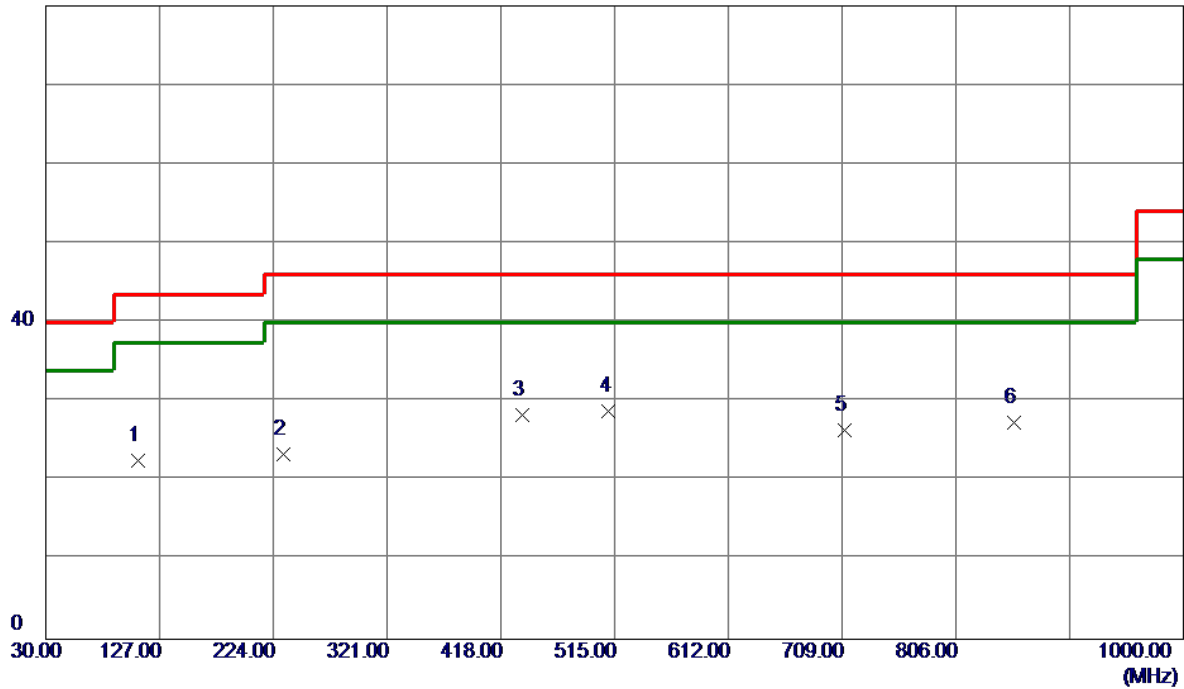
(1) Measurement Value = Reading Level + Correct Factor.

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX B Mode Channel 11	Polarization	Vertical
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80 dBuV/m



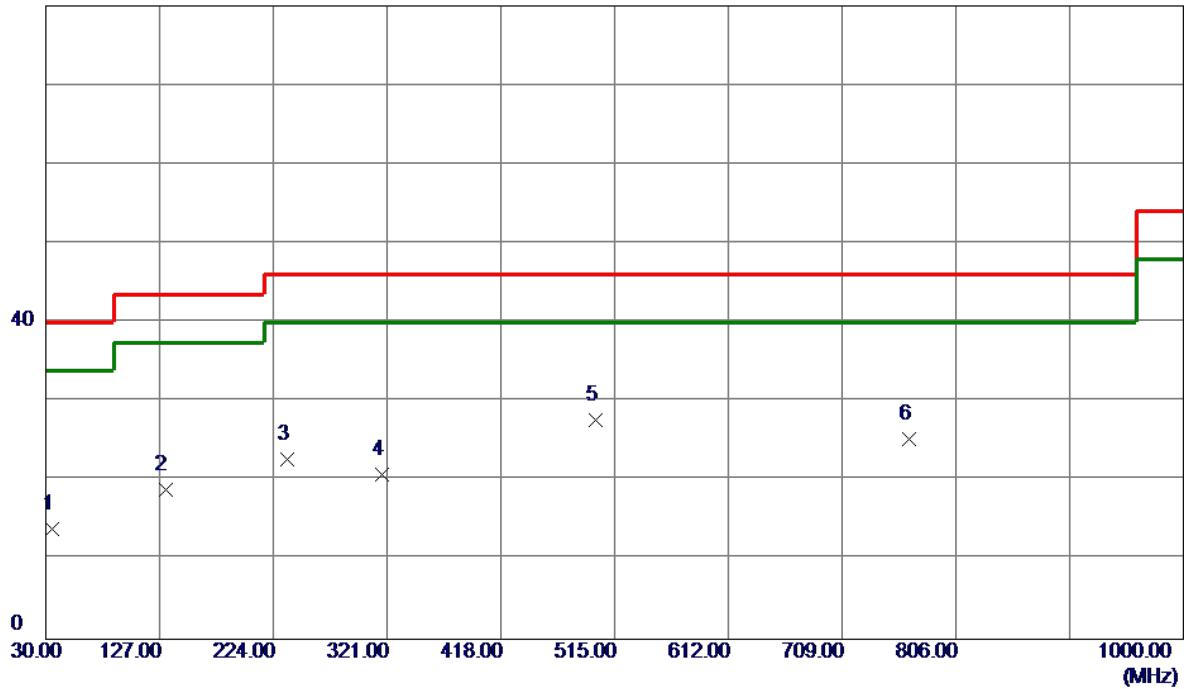
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	108.5700	36.94	-14.33	22.61	43.50	-20.89	Peak	
2	232.7300	37.14	-13.79	23.35	46.00	-22.65	Peak	
3	436.4300	36.39	-8.01	28.38	46.00	-17.62	Peak	
4 *	510.1500	35.98	-7.17	28.81	46.00	-17.19	Peak	
5	710.9400	29.89	-3.50	26.39	46.00	-19.61	Peak	
6	855.4700	28.97	-1.68	27.29	46.00	-18.71	Peak	

REMARKS:

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

Test Mode	TX B Mode Channel 11	Polarization	Horizontal
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	35.8200	28.24	-14.34	13.90	40.00	-26.10	Peak	
2	131.8500	31.64	-12.71	18.93	43.50	-24.57	Peak	
3	235.6400	36.40	-13.71	22.69	46.00	-23.31	Peak	
4	317.1200	31.48	-10.73	20.75	46.00	-25.25	Peak	
5 *	498.5100	34.97	-7.27	27.70	46.00	-18.30	Peak	
6	766.2300	28.20	-2.99	25.21	46.00	-20.79	Peak	

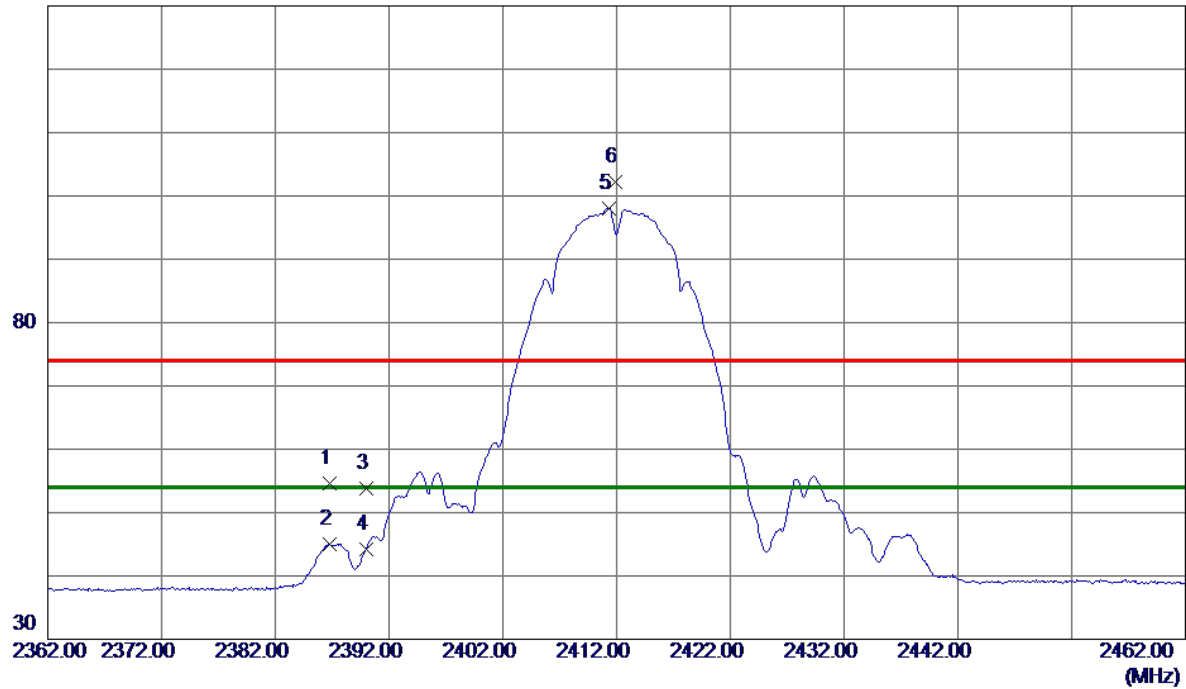
REMARKS:

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

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

Test Mode	TX B Mode 2412 MHz	Polarization	Vertical
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130 dBuV/m



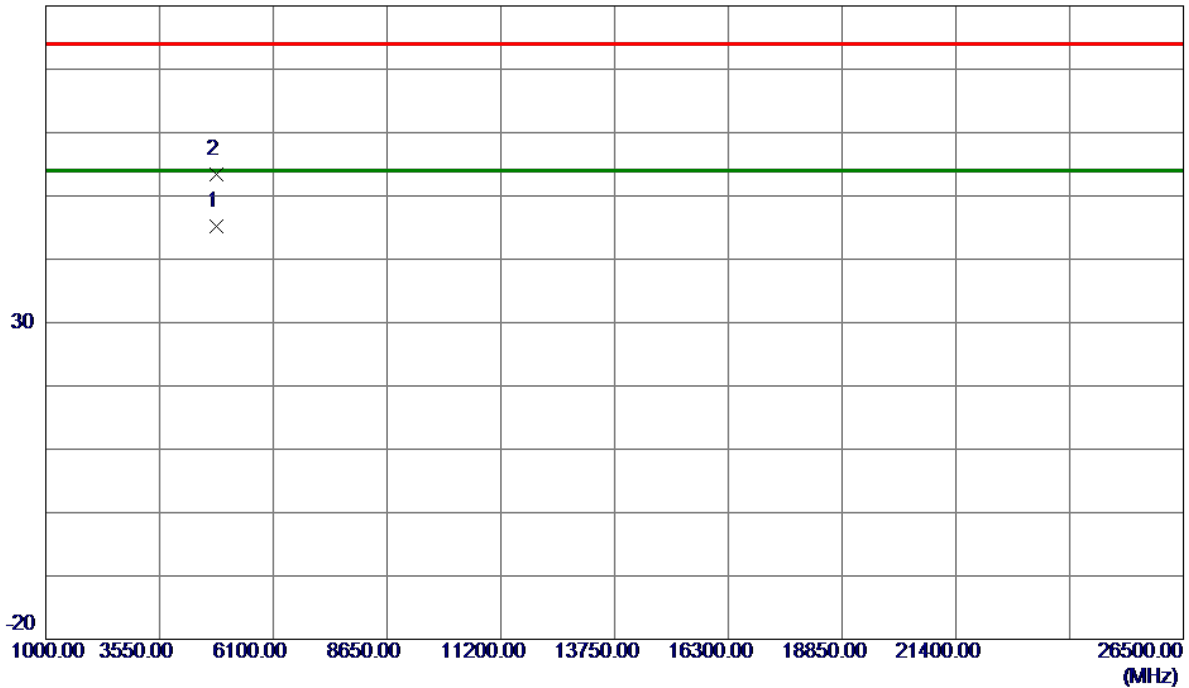
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.8000	47.42	7.26	54.68	74.00	-19.32	Peak	
2	2386.8000	37.76	7.26	45.02	54.00	-8.98	AVG	
3	2390.0000	46.55	7.26	53.81	74.00	-20.19	Peak	
4	2390.0000	37.01	7.26	44.27	54.00	-9.73	AVG	
5 *	2411.3000	90.83	7.26	98.09	54.00	44.09	AVG	No Limit
6	2411.9000	95.03	7.26	102.29	74.00	28.29	Peak	No Limit

REMARKS:

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

Test Mode	TX B Mode 2412 MHz	Polarization	Vertical
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80 dBuV/m



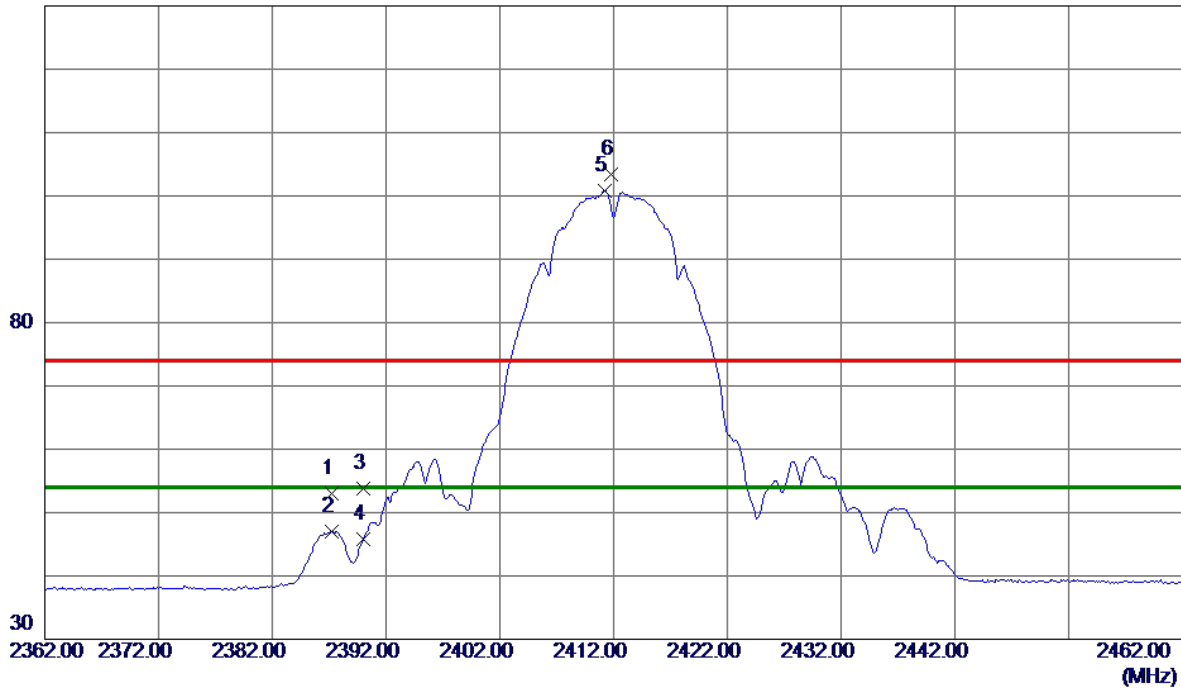
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.9500	40.77	4.45	45.22	54.00	-8.78	AVG	
2	4824.3300	48.96	4.45	53.41	74.00	-20.59	Peak	

REMARKS:

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

Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal
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130 dBuV/m



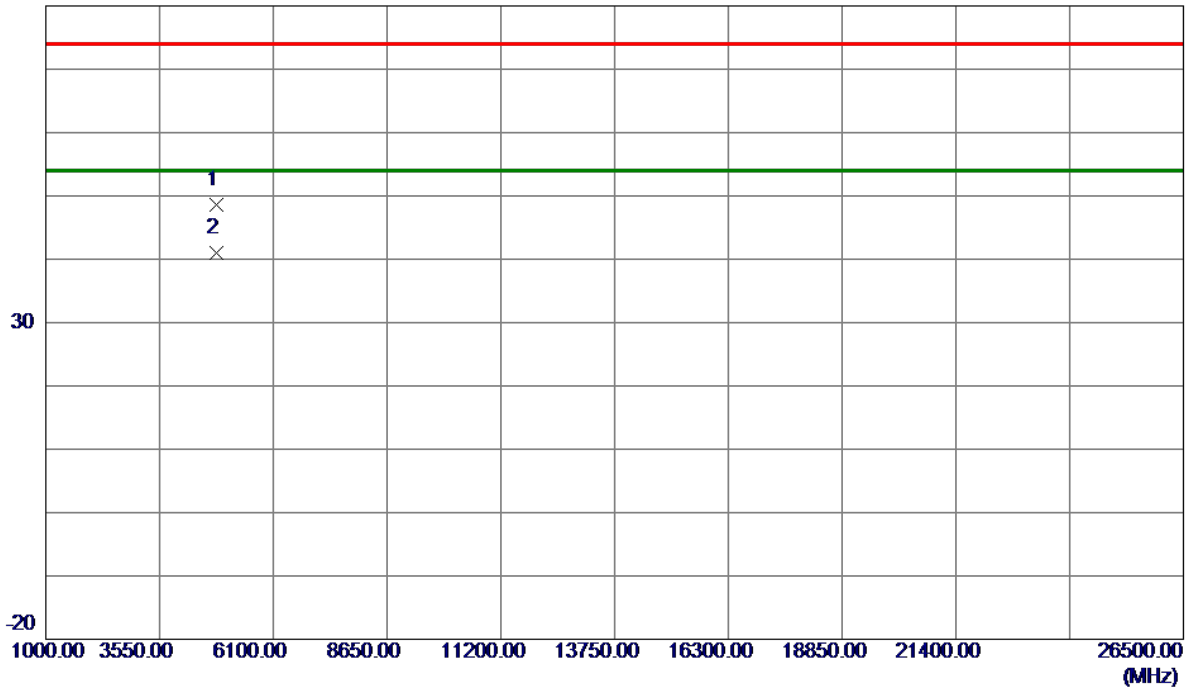
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2387.2000	45.74	7.26	53.00	74.00	-21.00	Peak	
2	2387.2000	39.76	7.26	47.02	54.00	-6.98	AVG	
3	2390.0000	46.46	7.26	53.72	74.00	-20.28	Peak	
4	2390.0000	38.63	7.26	45.89	54.00	-8.11	AVG	
5 *	2411.2000	93.57	7.26	100.83	54.00	46.83	AVG	No Limit
6	2411.8000	96.17	7.26	103.43	74.00	29.43	Peak	No Limit

REMARKS:

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

Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal
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80 dBuV/m



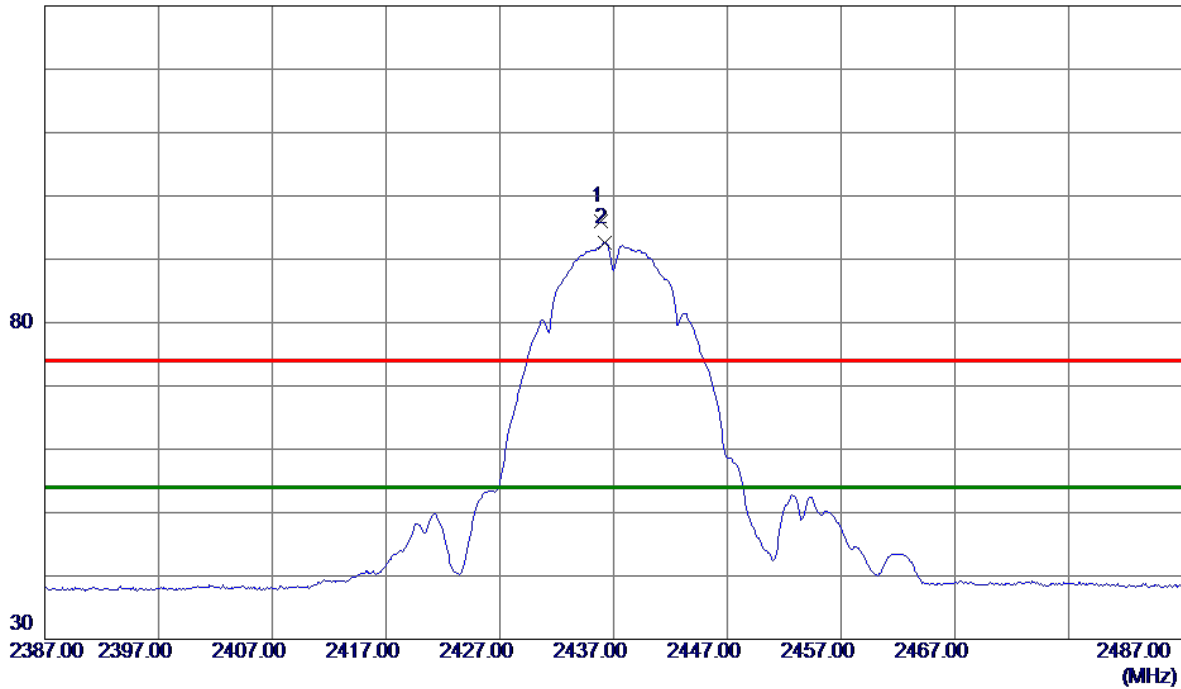
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.7100	44.16	4.45	48.61	74.00	-25.39	Peak	
2 *	4823.9500	36.64	4.45	41.09	54.00	-12.91	AVG	

REMARKS:

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

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical
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130 dBuV/m



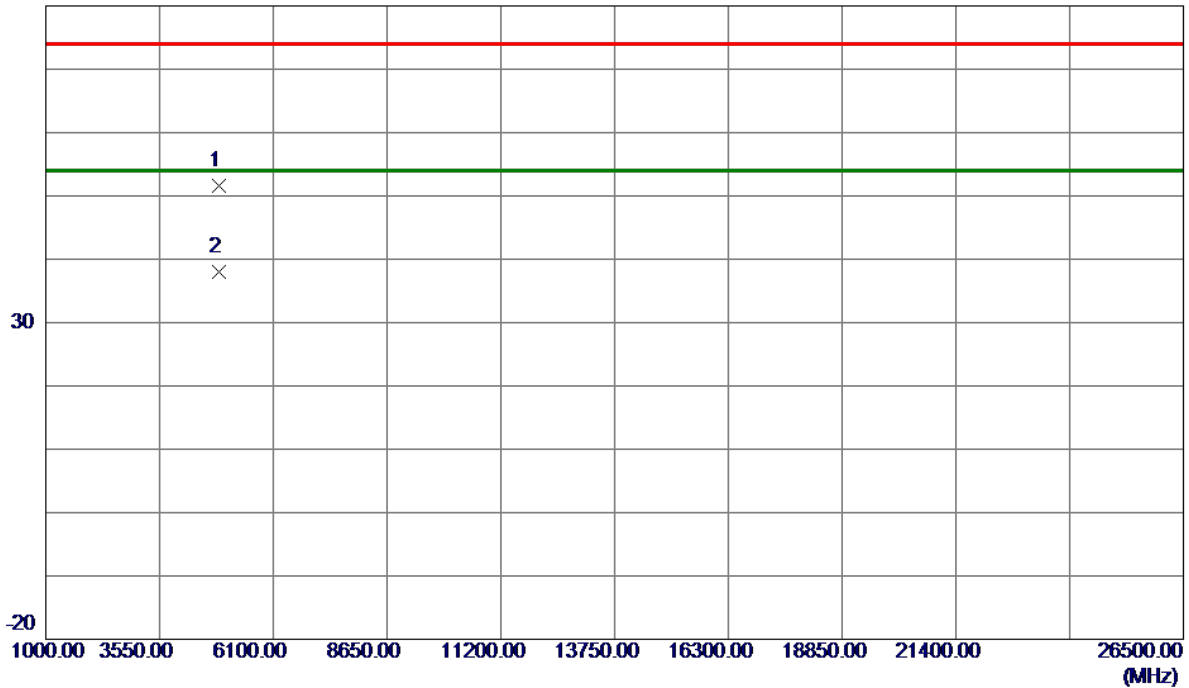
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.9000	88.67	7.25	95.92	74.00	21.92	Peak	No Limit
2 *	2436.2000	85.36	7.25	92.61	54.00	38.61	AVG	No Limit

REMARKS:

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

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m



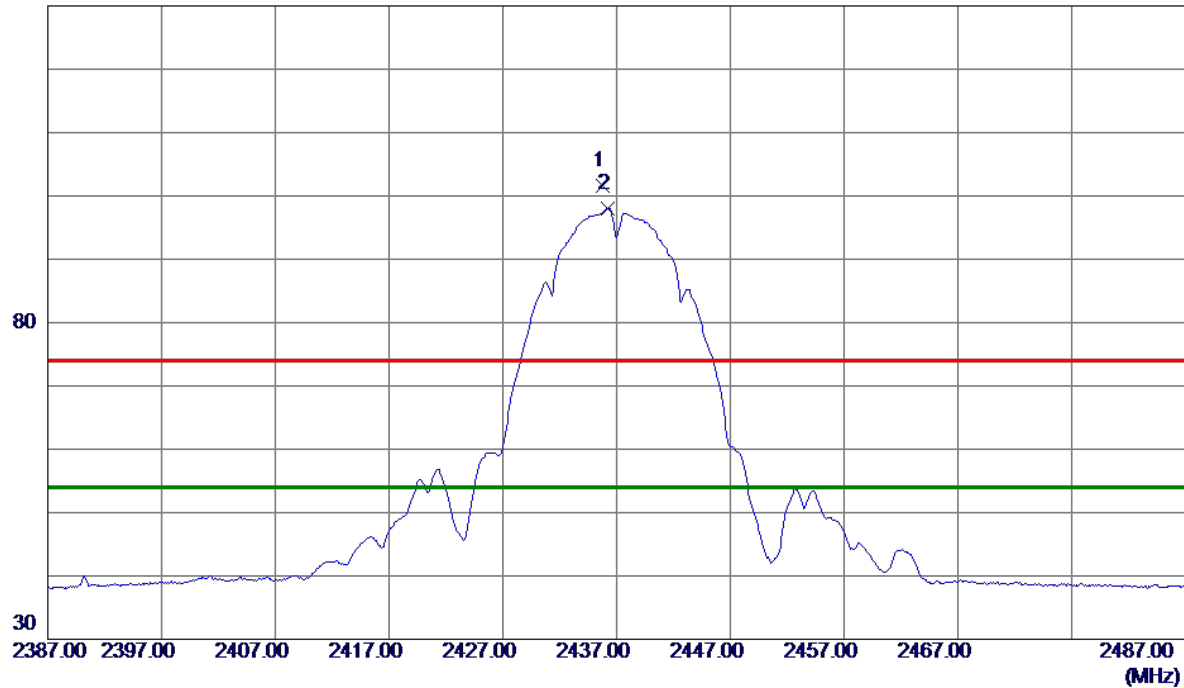
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.8200	46.99	4.58	51.57	74.00	-22.43	Peak	
2 *	4874.0350	33.33	4.58	37.91	54.00	-16.09	AVG	

REMARKS:

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

Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal
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130 dBuV/m



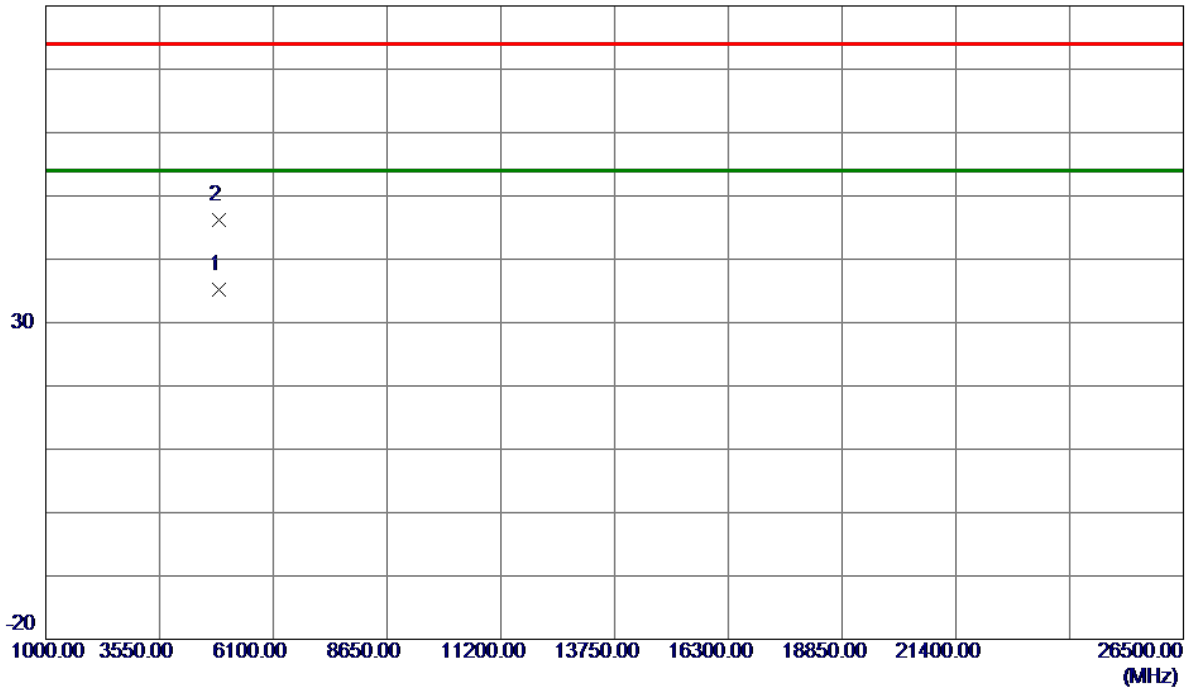
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.8000	94.36	7.25	101.61	74.00	27.61	Peak	No Limit
2 *	2436.2000	90.77	7.25	98.02	54.00	44.02	AVG	No Limit

REMARKS:

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

Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal
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80 dBuV/m



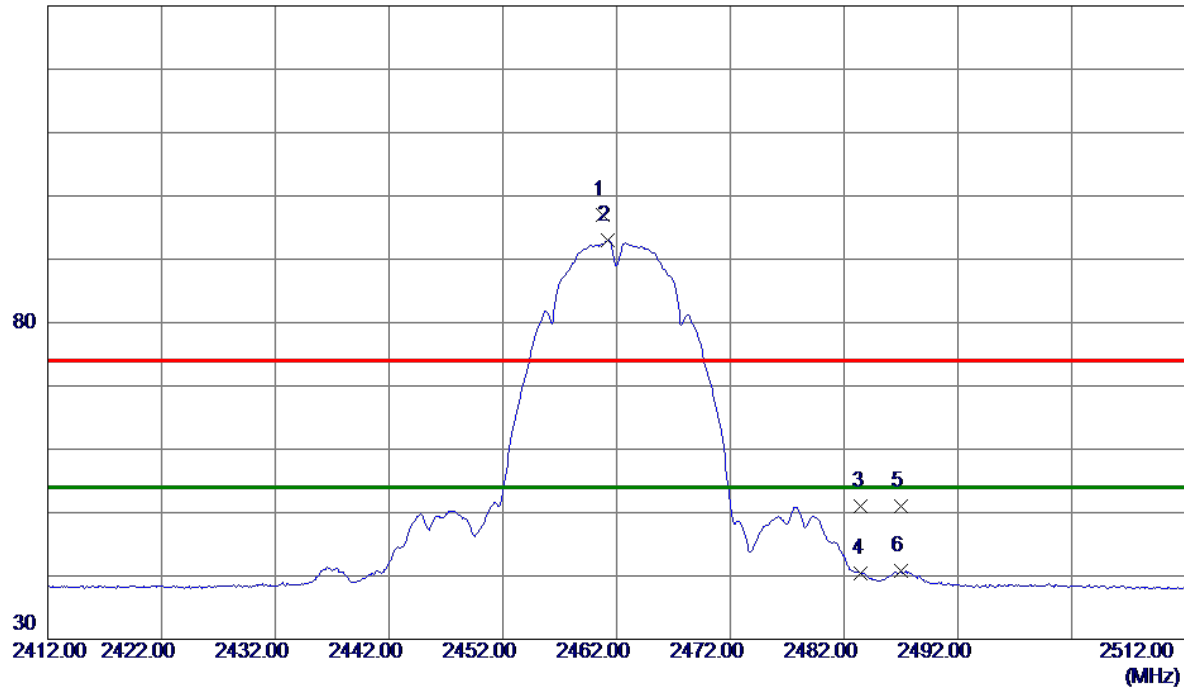
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.8450	30.63	4.58	35.21	54.00	-18.79	AVG	
2	4874.0099	41.56	4.58	46.14	74.00	-27.86	Peak	

REMARKS:

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.8000	89.80	7.25	97.05	74.00	23.05	Peak	No Limit
2 *	2461.2000	85.76	7.25	93.01	54.00	39.01	AVG	No Limit
3	2483.5000	43.74	7.25	50.99	74.00	-23.01	Peak	
4	2483.5000	33.20	7.25	40.45	54.00	-13.55	AVG	
5	2487.0000	43.81	7.25	51.06	74.00	-22.94	Peak	
6	2487.0000	33.48	7.25	40.73	54.00	-13.27	AVG	

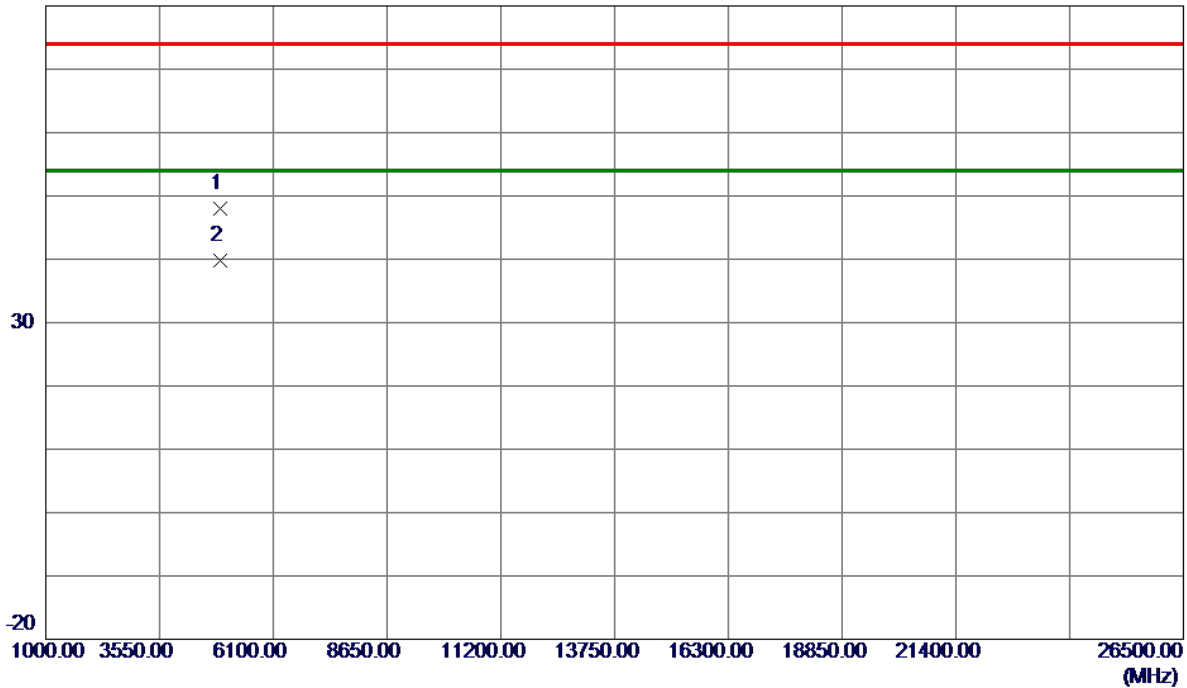
REMARKS:

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

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
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80 dBuV/m



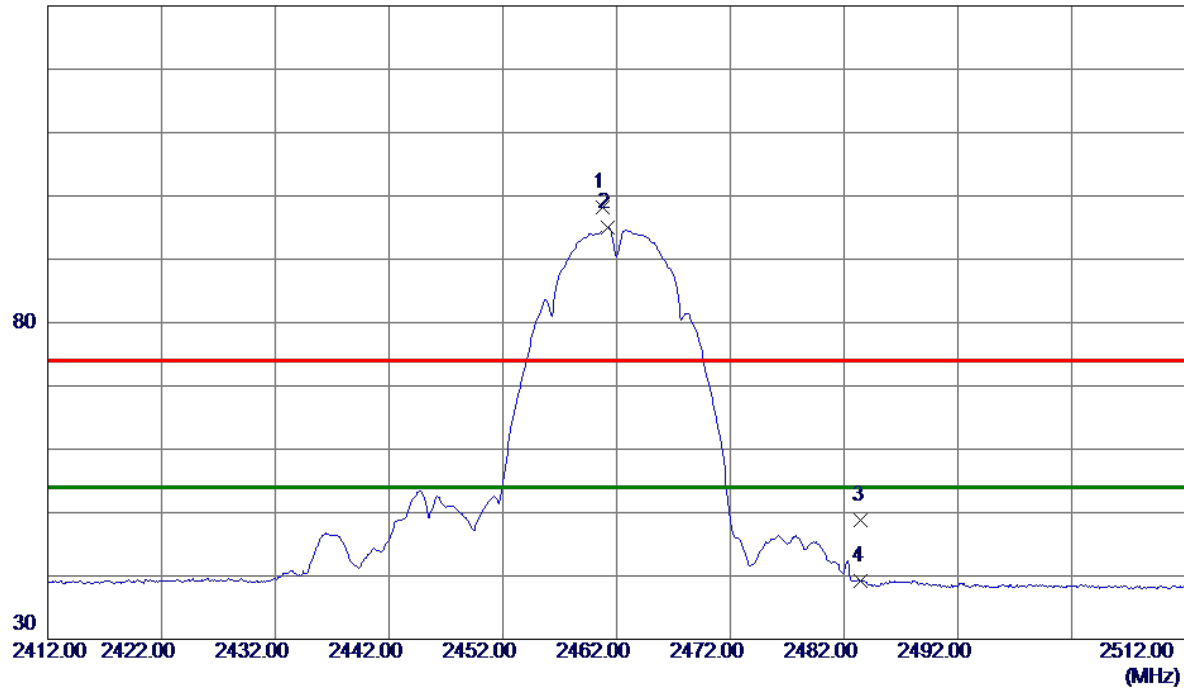
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.8100	43.32	4.72	48.04	74.00	-25.96	Peak	
2 *	4923.9000	35.05	4.72	39.77	54.00	-14.23	AVG	

REMARKS:

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

Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal
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130 dBuV/m



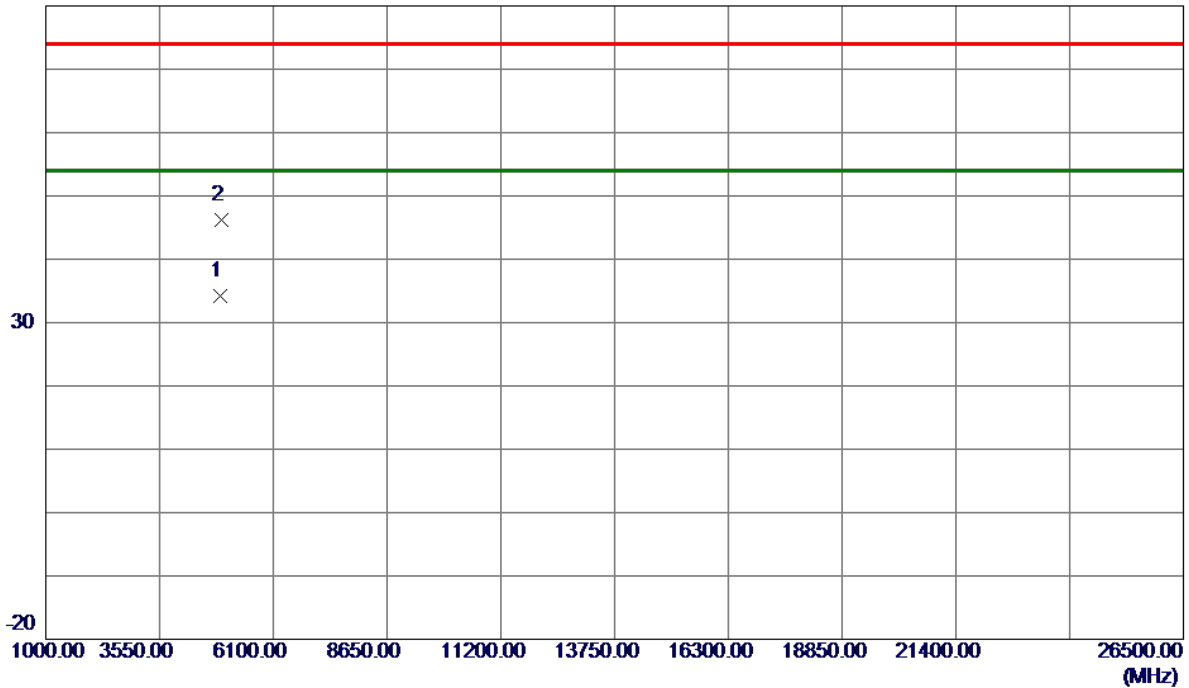
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.8000	91.03	7.25	98.28	74.00	24.28	Peak	No Limit
2 *	2461.2000	87.72	7.25	94.97	54.00	40.97	AVG	No Limit
3	2483.5000	41.60	7.25	48.85	74.00	-25.15	Peak	
4	2483.5000	31.95	7.25	39.20	54.00	-14.80	AVG	

REMARKS:

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

Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.8500	29.53	4.72	34.25	54.00	-19.75	AVG	
2	4924.7000	41.39	4.72	46.11	74.00	-27.89	Peak	

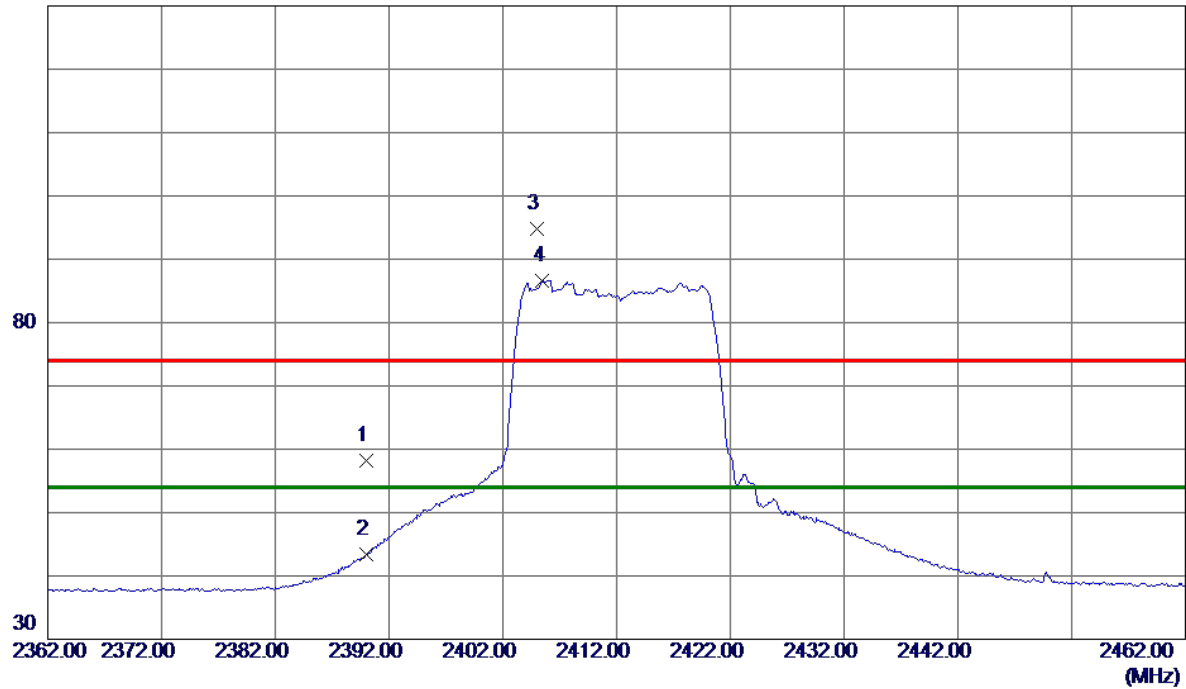
REMARKS:

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

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

Test Mode	TX G Mode 2412 MHz	Polarization	Vertical
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130 dBuV/m



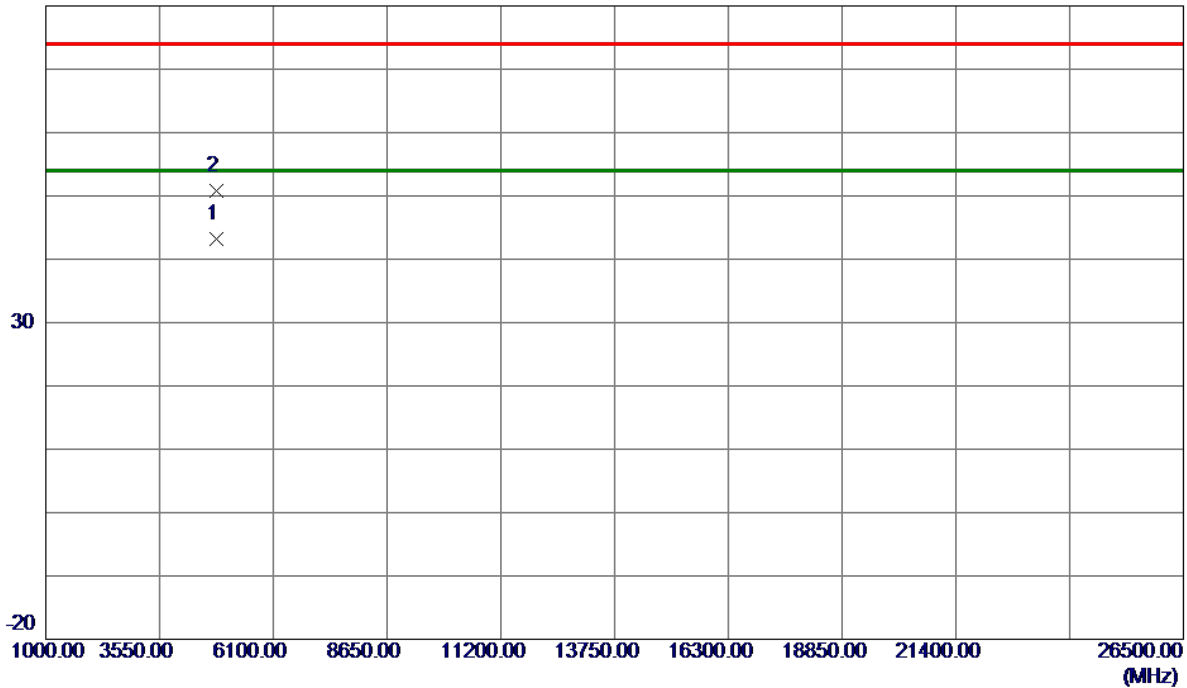
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	50.94	7.26	58.20	74.00	-15.80	Peak	
2	2390.0000	36.10	7.26	43.36	54.00	-10.64	AVG	
3	2405.0000	87.51	7.26	94.77	74.00	20.77	Peak	No Limit
4 *	2405.5000	79.31	7.26	86.57	54.00	32.57	AVG	No Limit

REMARKS:

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

Test Mode	TX G Mode 2412 MHz	Polarization	Vertical
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80 dBuV/m



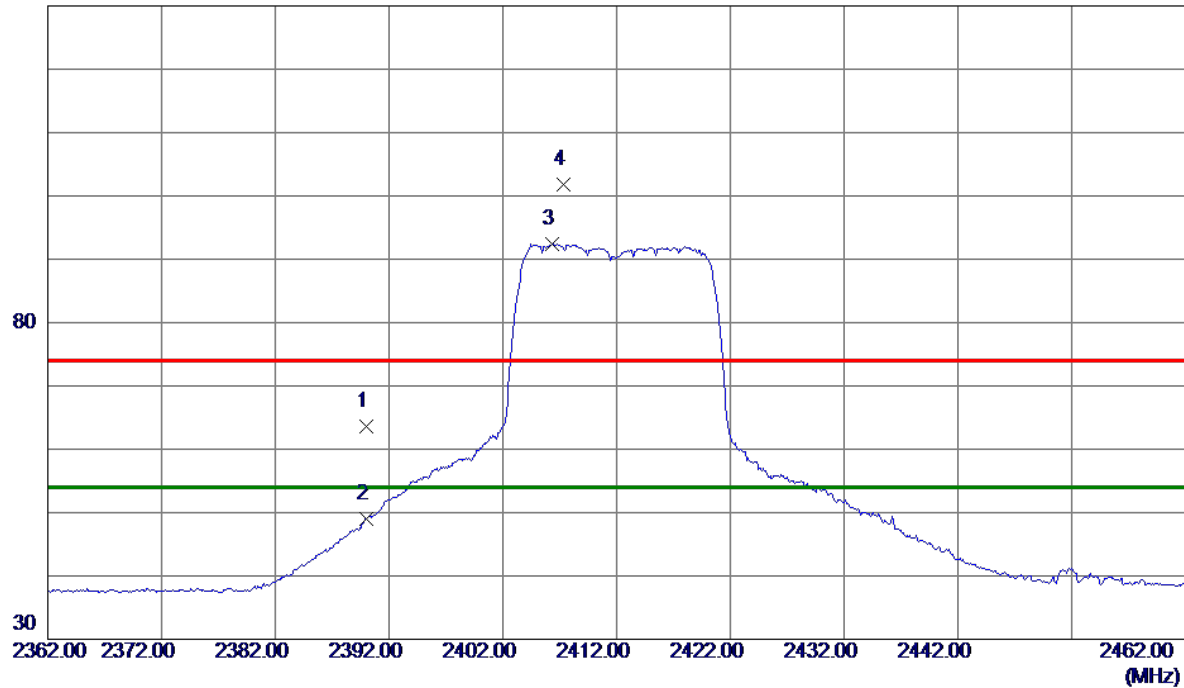
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4824.0200	38.73	4.45	43.18	54.00	-10.82	AVG	
2	4824.1349	46.43	4.45	50.88	74.00	-23.12	Peak	

REMARKS:

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

Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal
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130 dBuV/m



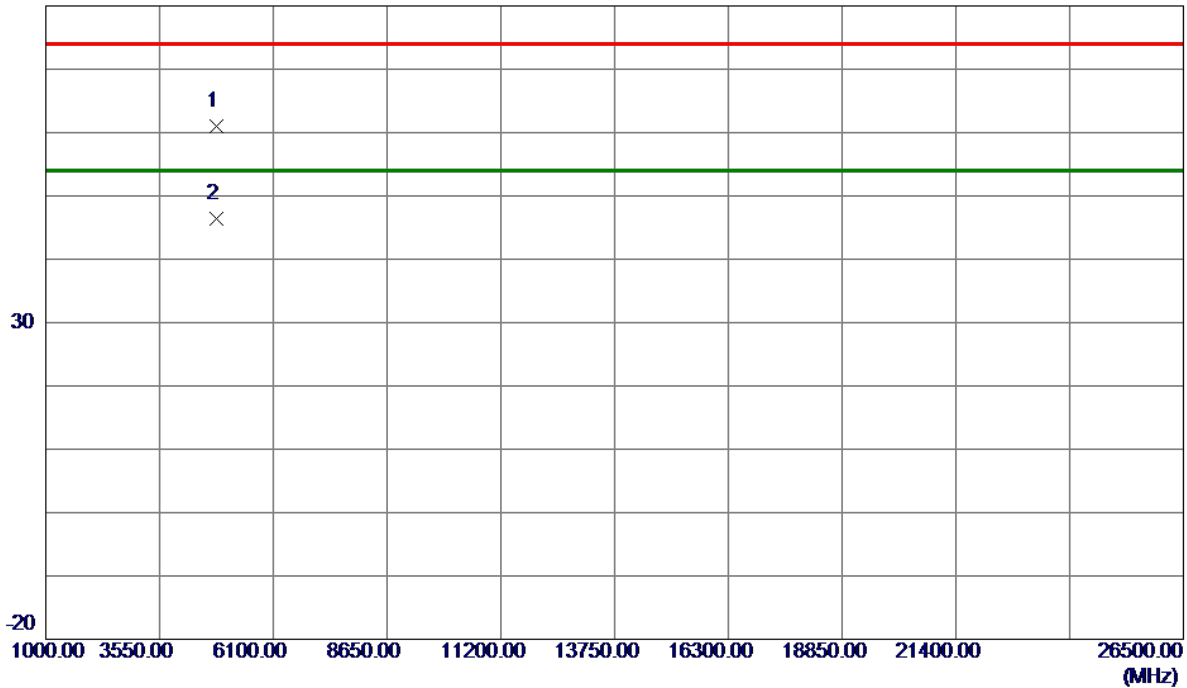
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.30	7.26	63.56	74.00	-10.44	Peak	
2	2390.0000	41.75	7.26	49.01	54.00	-4.99	AVG	
3 *	2406.3000	85.15	7.26	92.41	54.00	38.41	AVG	No Limit
4	2407.3000	94.53	7.26	101.79	74.00	27.79	Peak	No Limit

REMARKS:

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

Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.9450	56.48	4.45	60.93	74.00	-13.07	Peak	
2 *	4823.9950	41.90	4.45	46.35	54.00	-7.65	AVG	

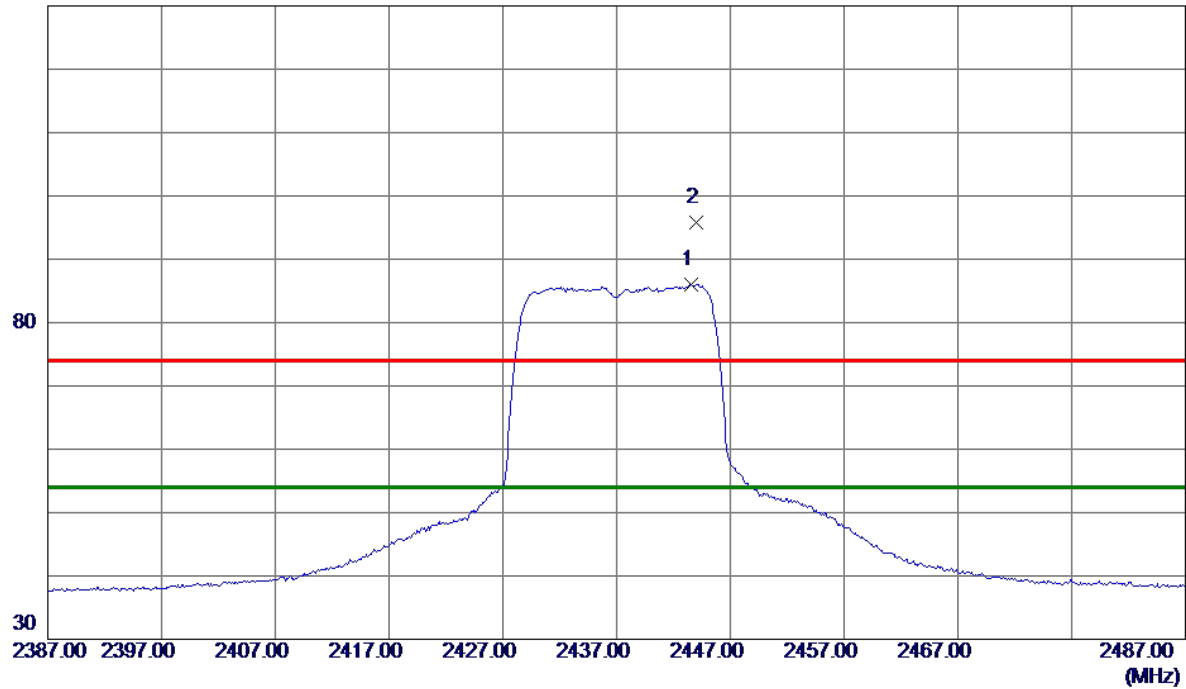
REMARKS:

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

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

Test Mode	TX G Mode 2437 MHz	Polarization	Vertical
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130 dBuV/m



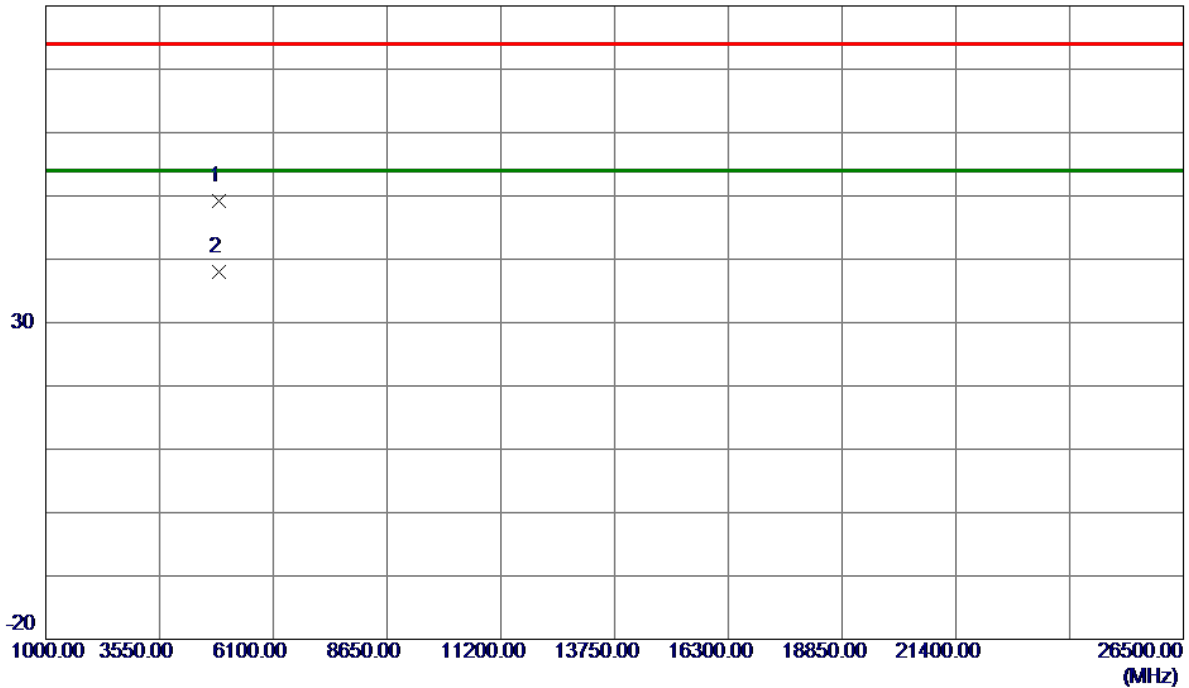
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2443.6000	78.73	7.25	85.98	54.00	31.98	AVG	No Limit
2	2444.0000	88.60	7.25	95.85	74.00	21.85	Peak	No Limit

REMARKS:

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

Test Mode	TX G Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m



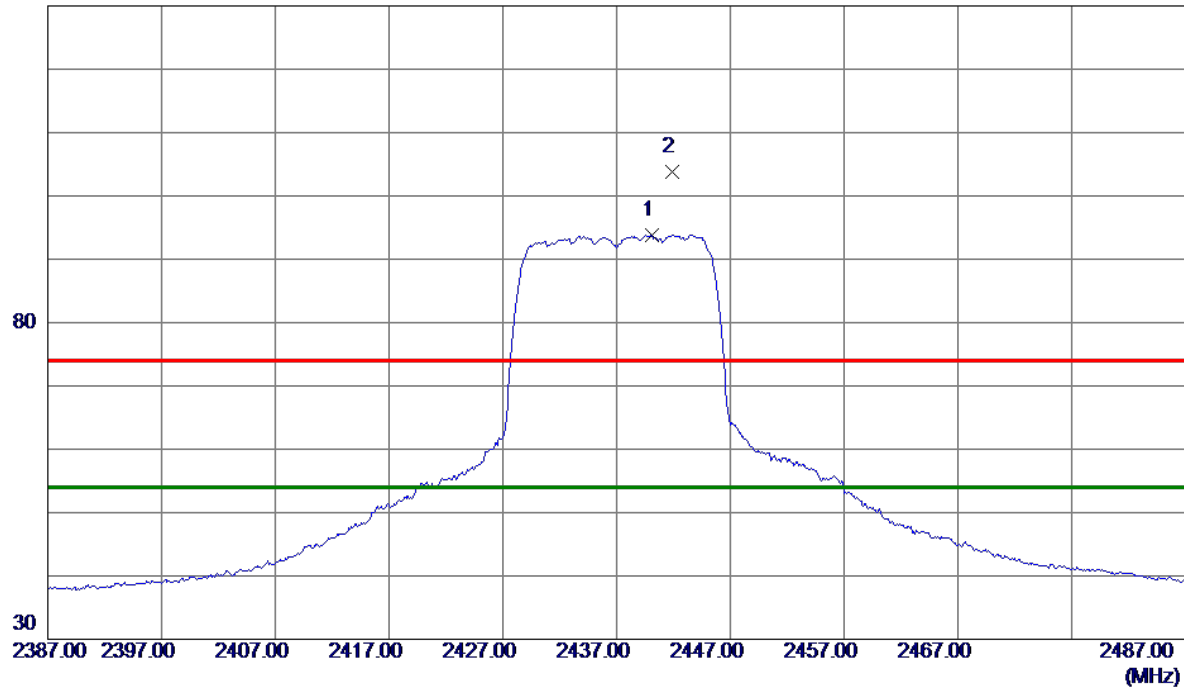
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	4874.3300	44.65	4.58	49.23	74.00	-24.77	Peak	
2 *	4874.8600	33.38	4.59	37.97	54.00	-16.03	AVG	

REMARKS:

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

Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal
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130 dBuV/m



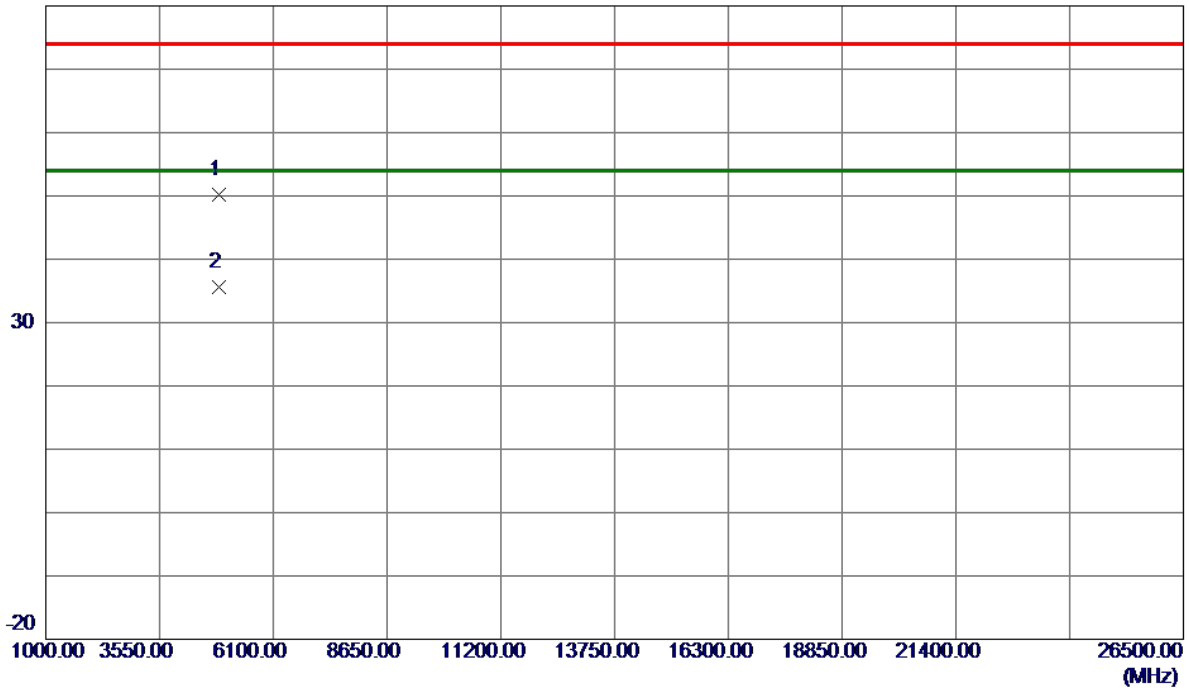
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2440.1000	86.60	7.25	93.85	54.00	39.85	AVG	No Limit
2	2441.9000	96.56	7.25	103.81	74.00	29.81	Peak	No Limit

REMARKS:

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

Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4874.8000	45.66	4.59	50.25	74.00	-23.75	Peak	
2 *	4876.3450	30.95	4.59	35.54	54.00	-18.46	AVG	

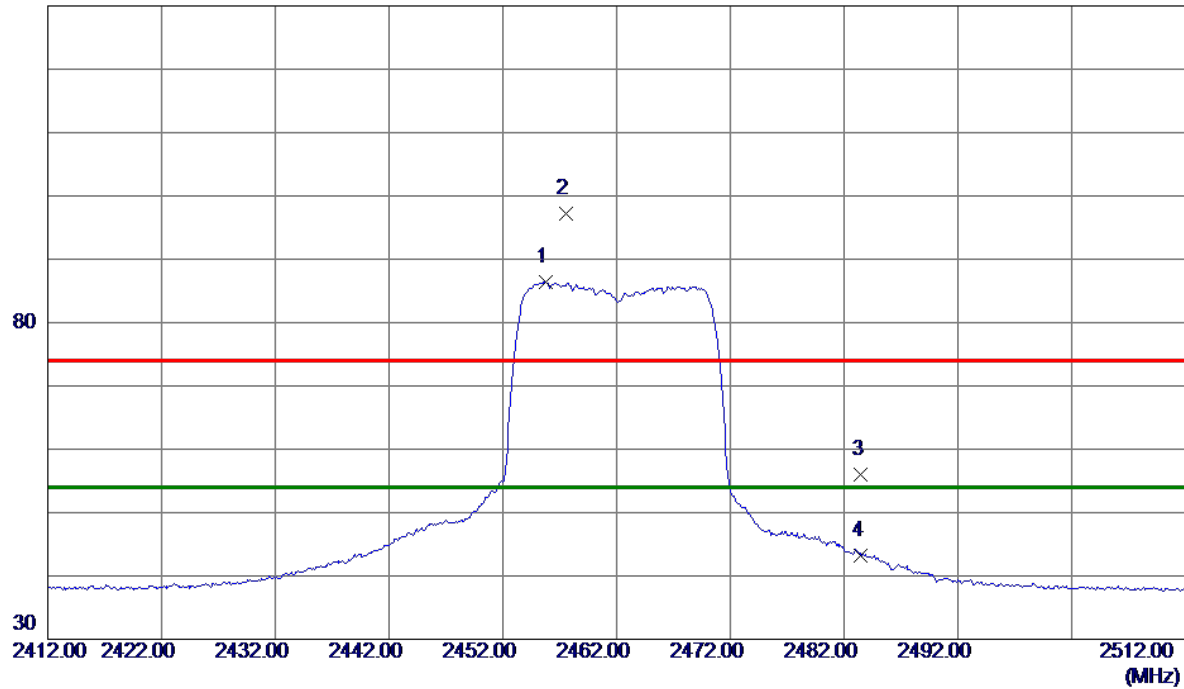
REMARKS:

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

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

Test Mode	TX G Mode 2462 MHz	Polarization	Vertical
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130 dBuV/m



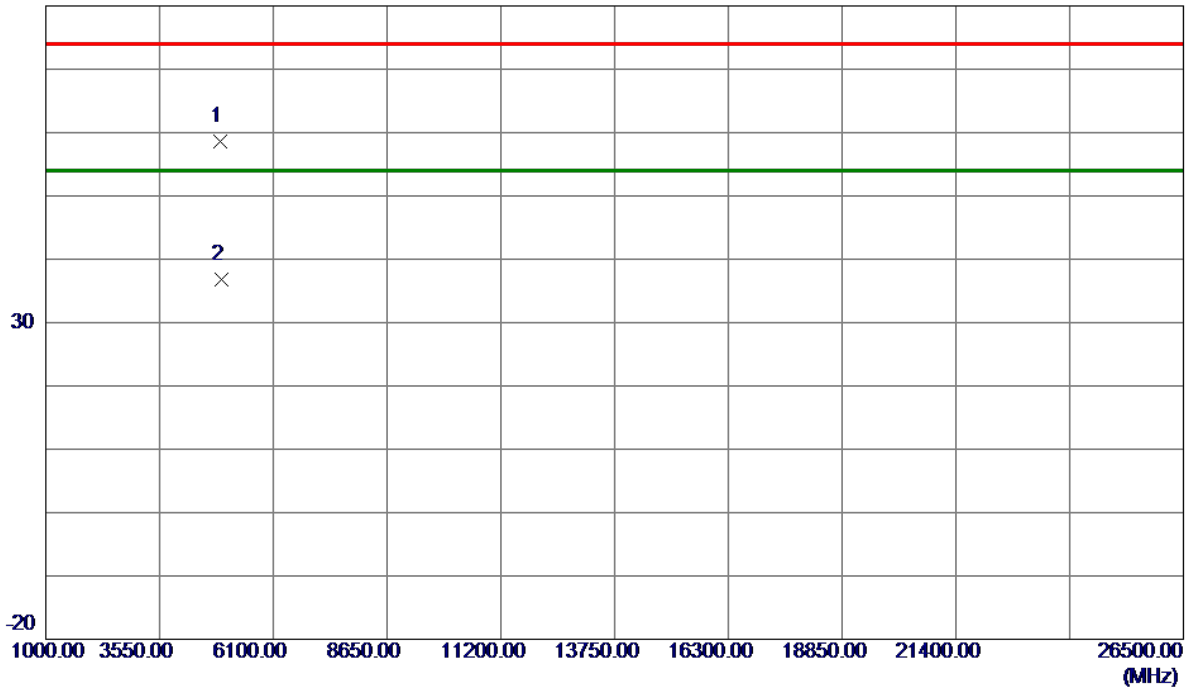
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2455.8000	79.19	7.25	86.44	54.00	32.44	AVG	No Limit
2	2457.6000	89.98	7.25	97.23	74.00	23.23	Peak	No Limit
3	2483.5000	48.82	7.25	56.07	74.00	-17.93	Peak	
4	2483.5000	36.01	7.25	43.26	54.00	-10.74	AVG	

REMARKS:

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

Test Mode	TX G Mode 2462 MHz	Polarization	Vertical
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80 dBuV/m



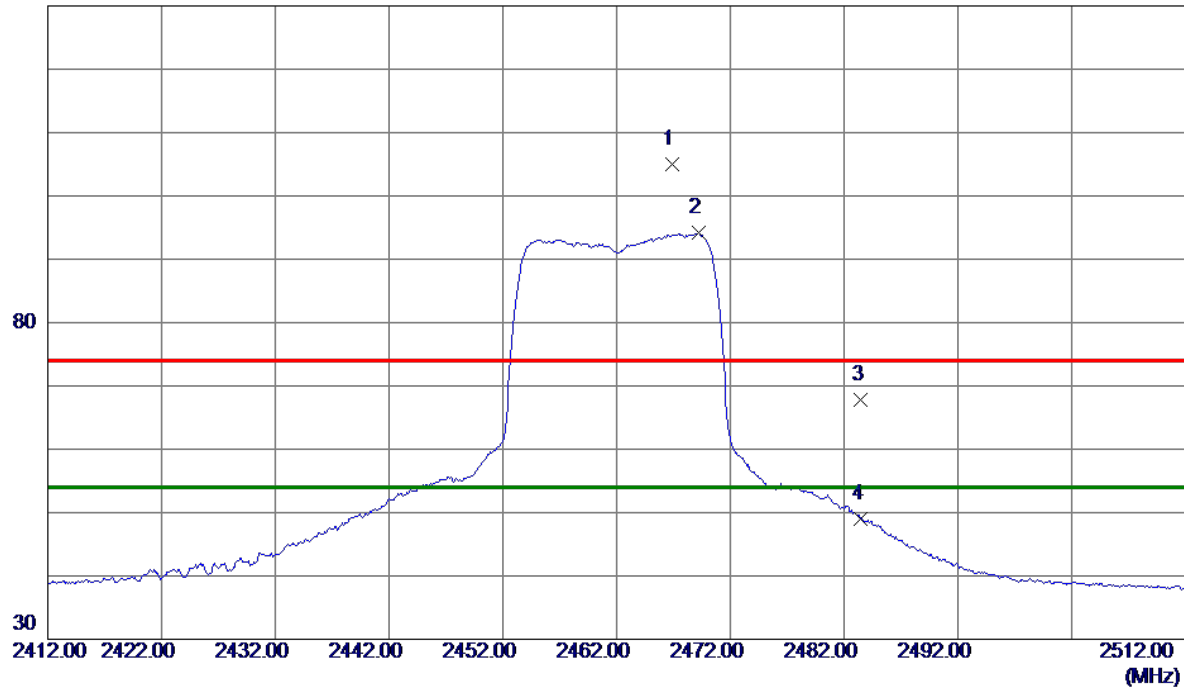
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4922.6300	53.94	4.71	58.65	74.00	-15.35	Peak	
2	4925.7550	32.00	4.72	36.72	54.00	-17.28	AVG	

REMARKS:

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

Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal
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130 dBuV/m



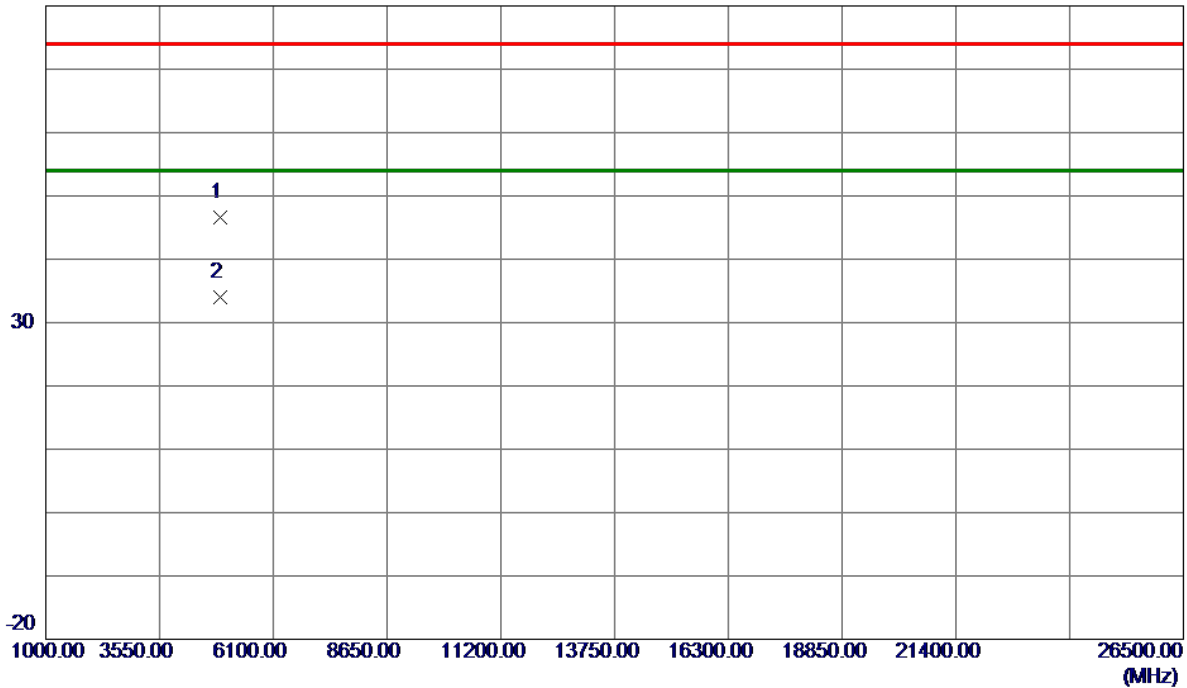
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2466.9000	97.66	7.25	104.91	74.00	30.91	Peak	No Limit
2 *	2469.2000	86.86	7.25	94.11	54.00	40.11	AVG	No Limit
3	2483.5000	60.46	7.25	67.71	74.00	-6.29	Peak	
4	2483.5000	41.76	7.25	49.01	74.00	-24.99	Peak	

REMARKS:

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

Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal
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80 dBuV/m



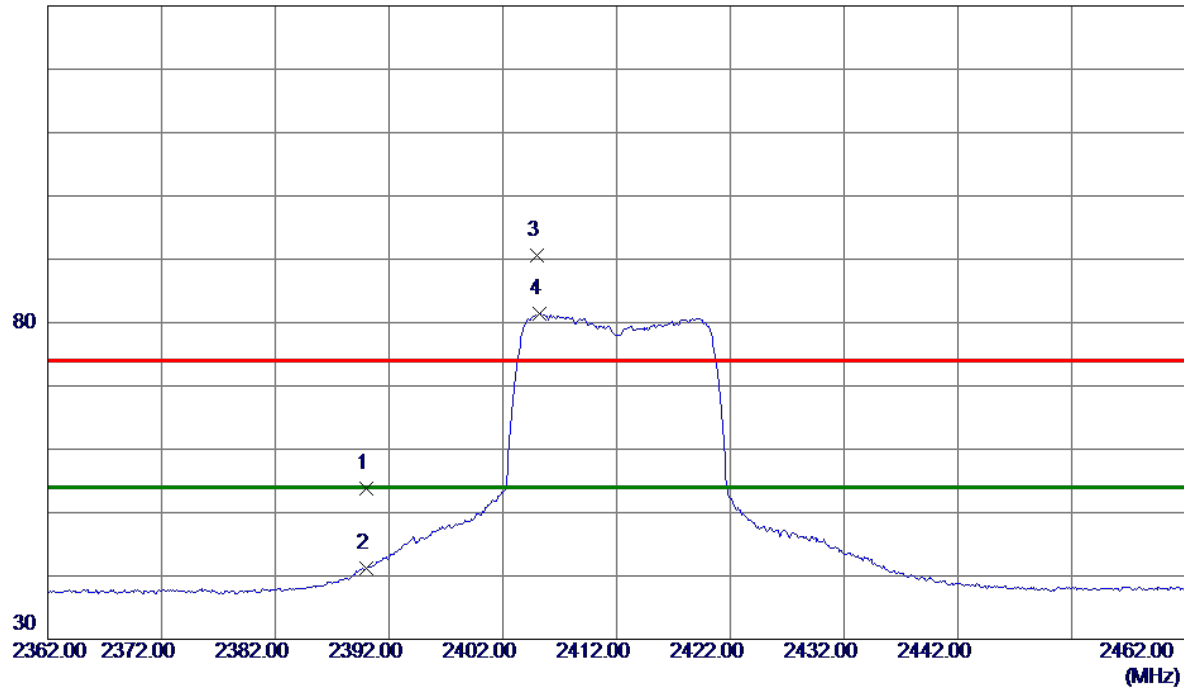
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.2700	41.97	4.72	46.69	74.00	-27.31	Peak	
2	4924.0299	29.28	4.72	34.00	74.00	-40.00	Peak	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical
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130 dBuV/m



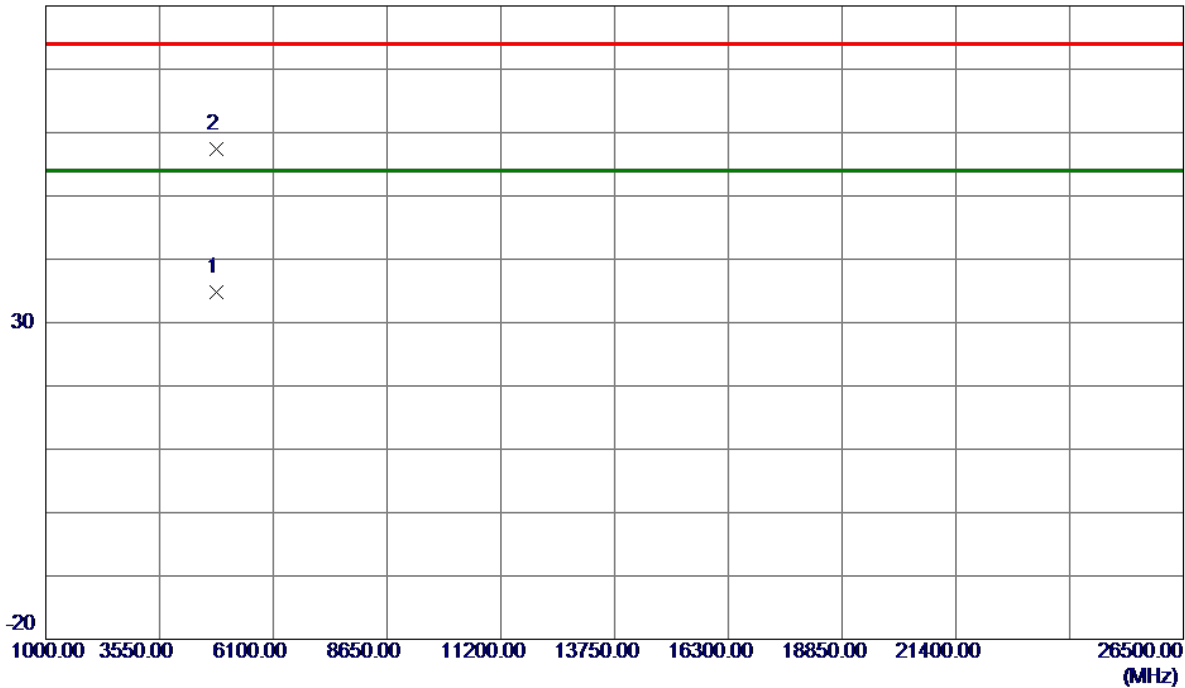
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	46.54	7.26	53.80	74.00	-20.20	Peak	
2	2390.0000	33.85	7.26	41.11	54.00	-12.89	AVG	
3	2405.0000	83.43	7.26	90.69	74.00	16.69	Peak	No Limit
4 *	2405.2000	74.10	7.26	81.36	54.00	27.36	AVG	No Limit

REMARKS:

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical
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80 dBuV/m



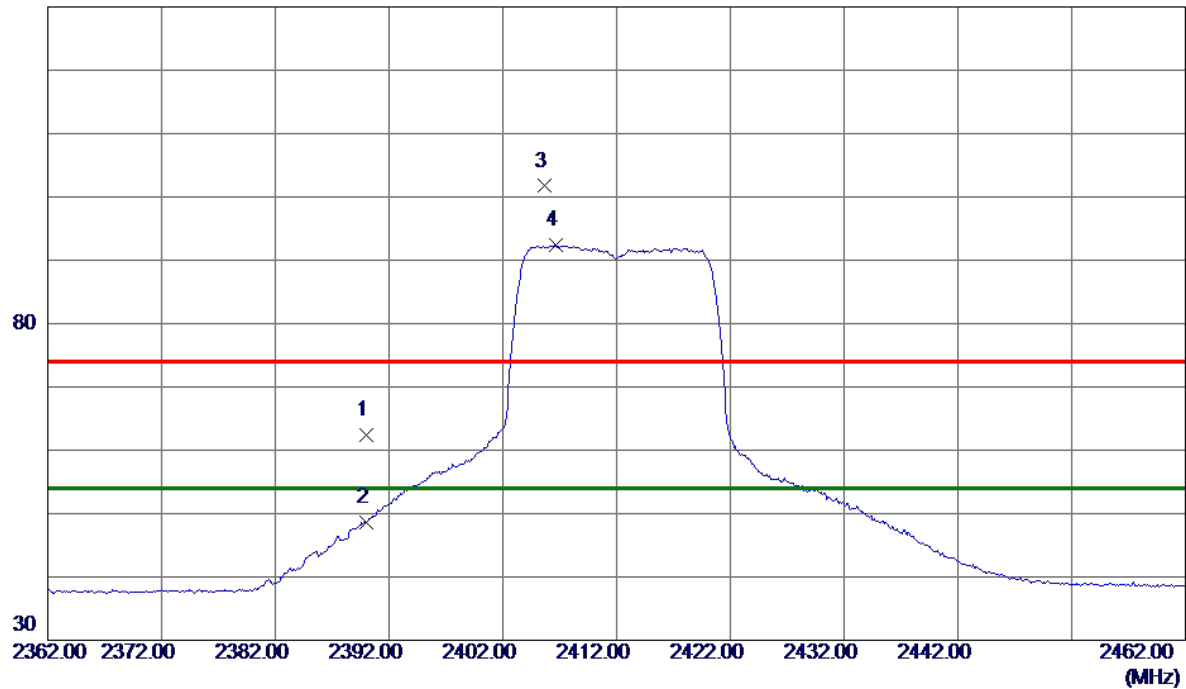
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.4400	30.30	4.45	34.75	54.00	-19.25	AVG	
2 *	4824.4049	52.91	4.45	57.36	74.00	-16.64	Peak	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal
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130 dBuV/m



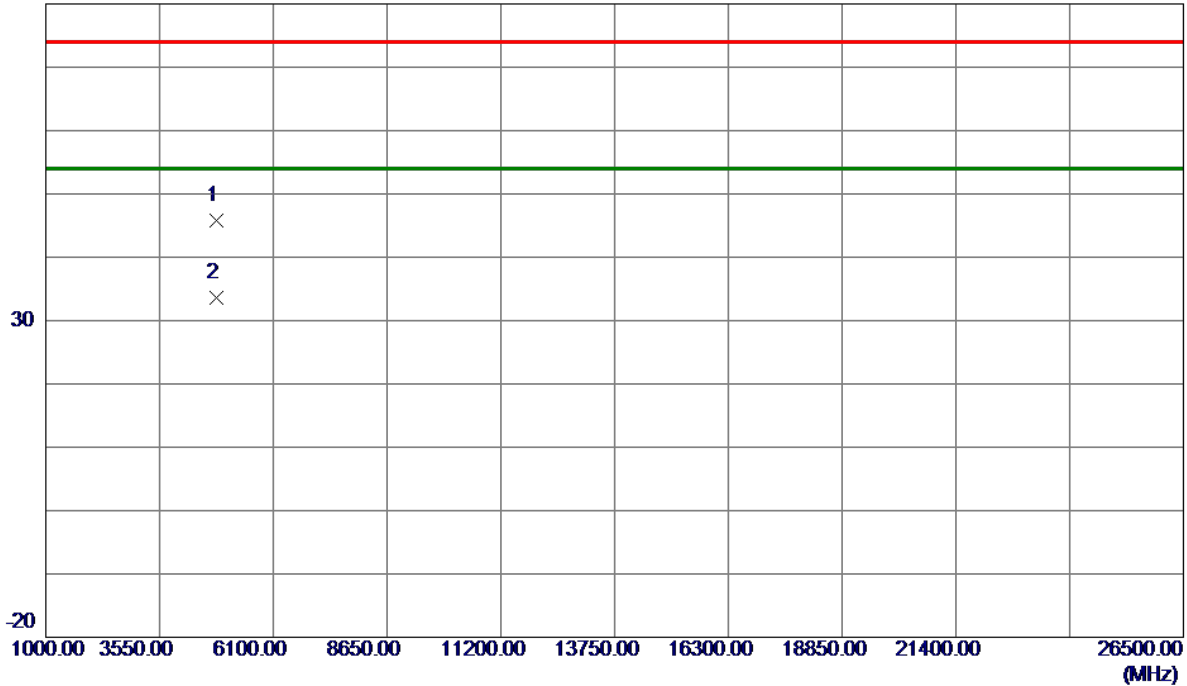
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	55.19	7.26	62.45	74.00	-11.55	Peak	
2	2390.0000	41.37	7.26	48.63	54.00	-5.37	AVG	
3	2405.7000	94.44	7.26	101.70	74.00	27.70	Peak	No Limit
4 *	2406.7000	85.06	7.26	92.32	54.00	38.32	AVG	No Limit

REMARKS:

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal
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80 dBuV/m



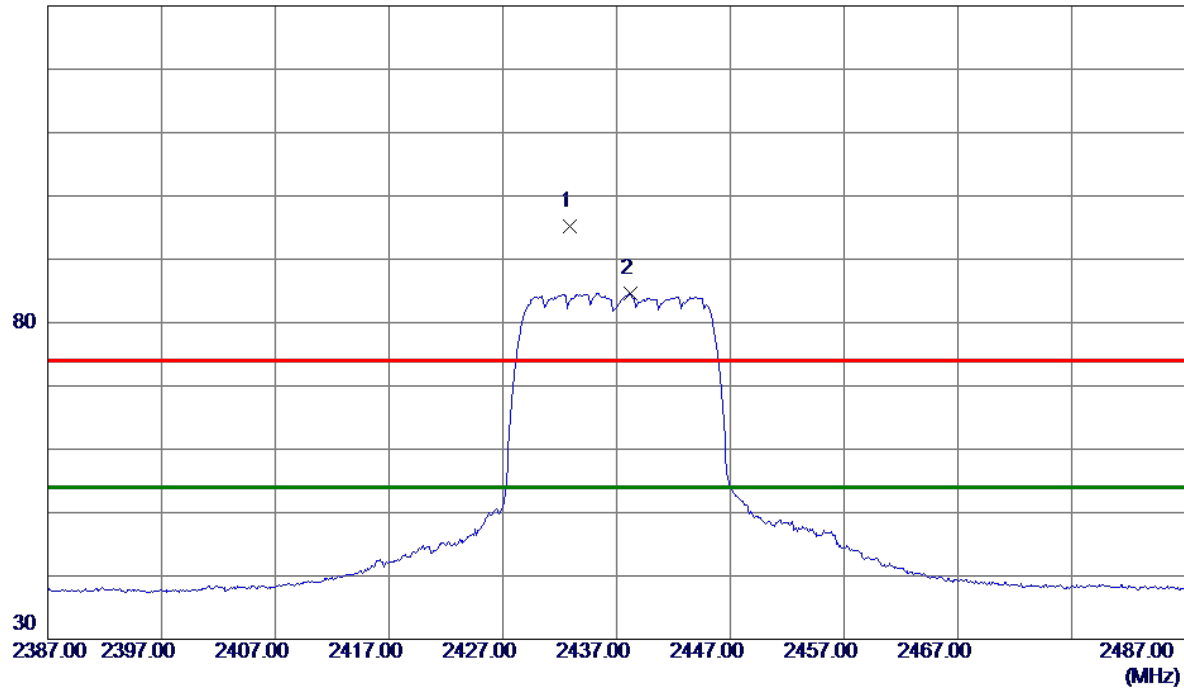
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4822.3700	41.36	4.45	45.81	74.00	-28.19	Peak	
2 *	4823.8500	29.08	4.45	33.53	54.00	-20.47	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical
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130 dBuV/m



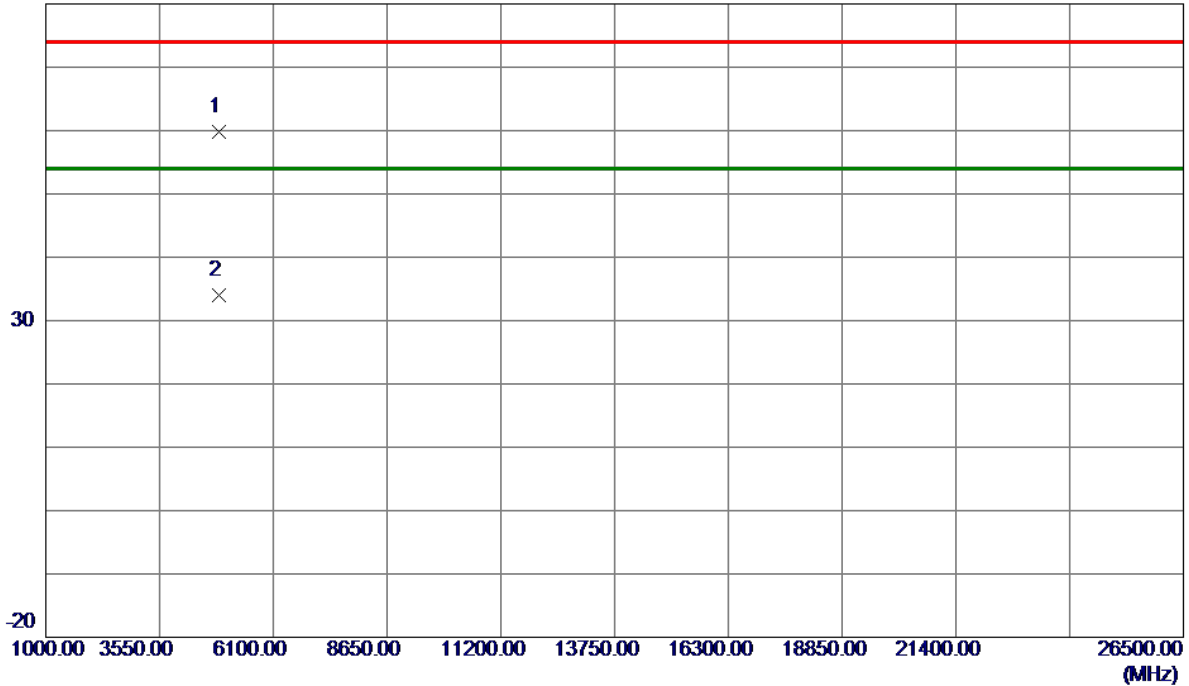
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2432.9000	87.95	7.25	95.20	74.00	21.20	Peak	No Limit
2 *	2438.2000	77.38	7.25	84.63	54.00	30.63	AVG	No Limit

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m



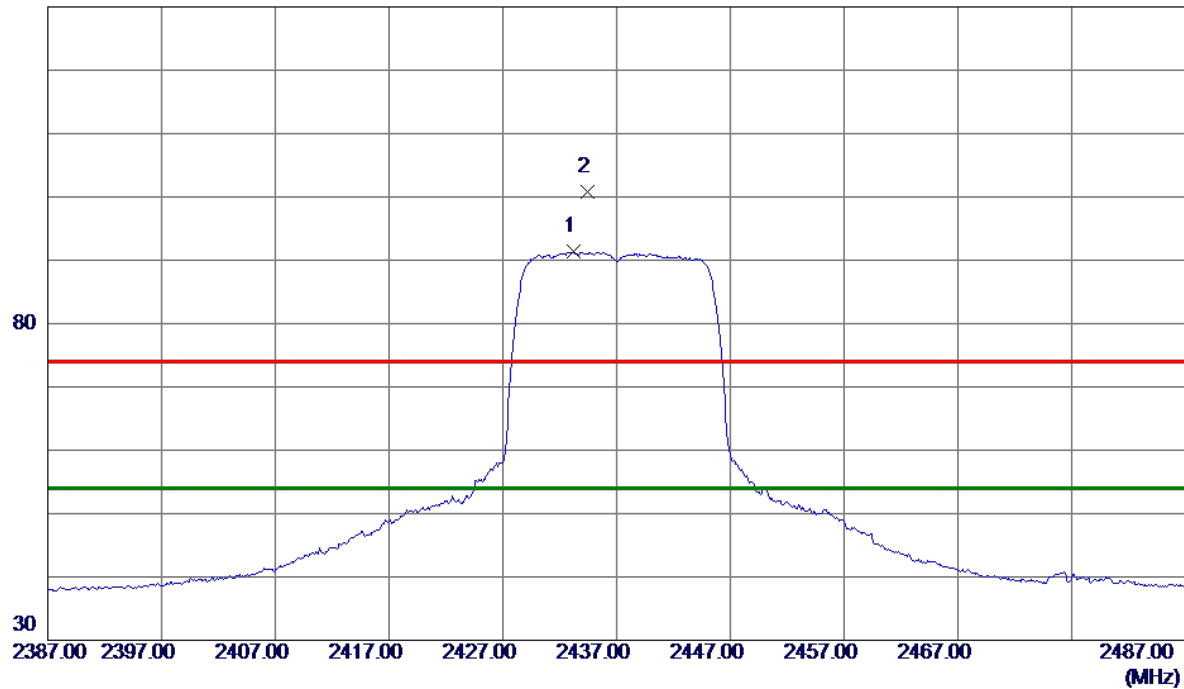
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4872.9049	55.22	4.58	59.80	74.00	-14.20	Peak	
2	4874.7950	29.43	4.59	34.02	54.00	-19.98	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal
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130 dBuV/m



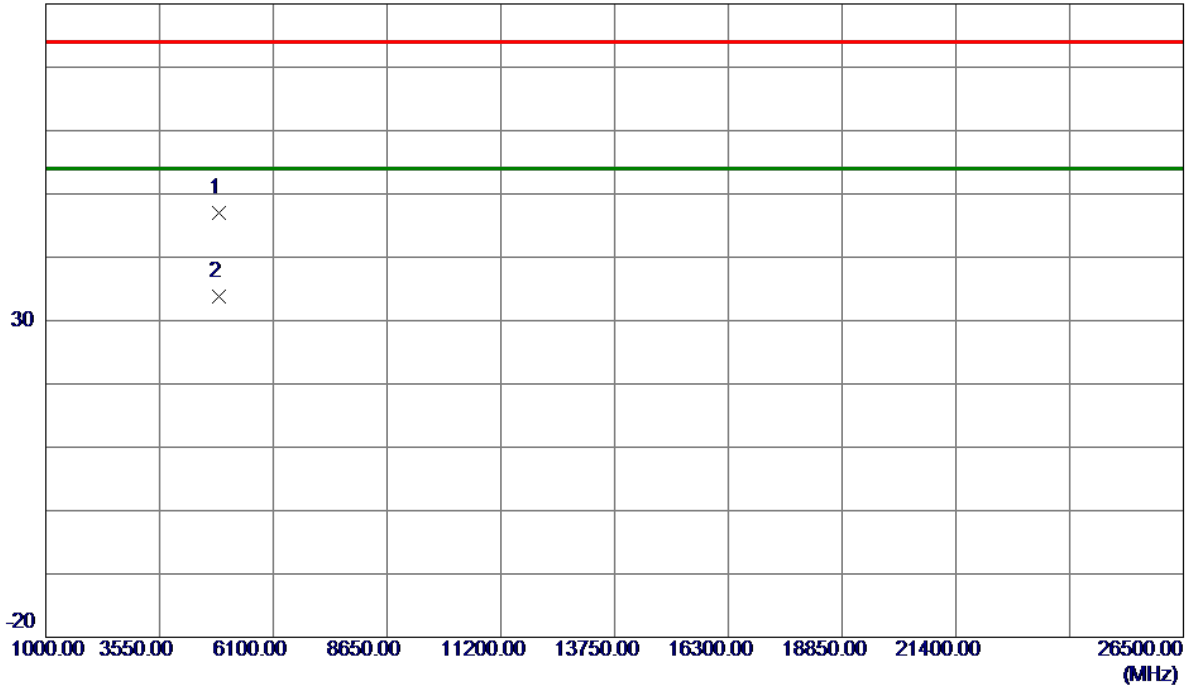
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2433.2000	84.06	7.25	91.31	54.00	37.31	AVG	No Limit
2	2434.4000	93.57	7.25	100.82	74.00	26.82	Peak	No Limit

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal
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80 dBuV/m



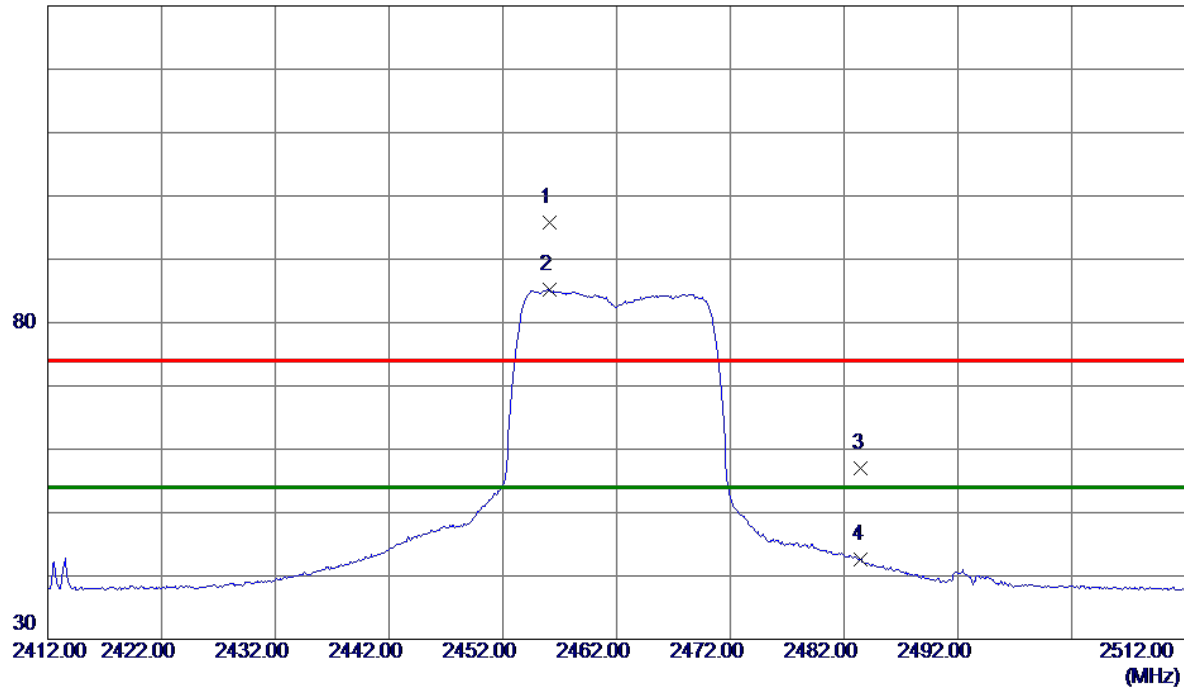
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.8900	42.35	4.58	46.93	74.00	-27.07	Peak	
2 *	4875.0099	29.13	4.59	33.72	54.00	-20.28	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical
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130 dBuV/m



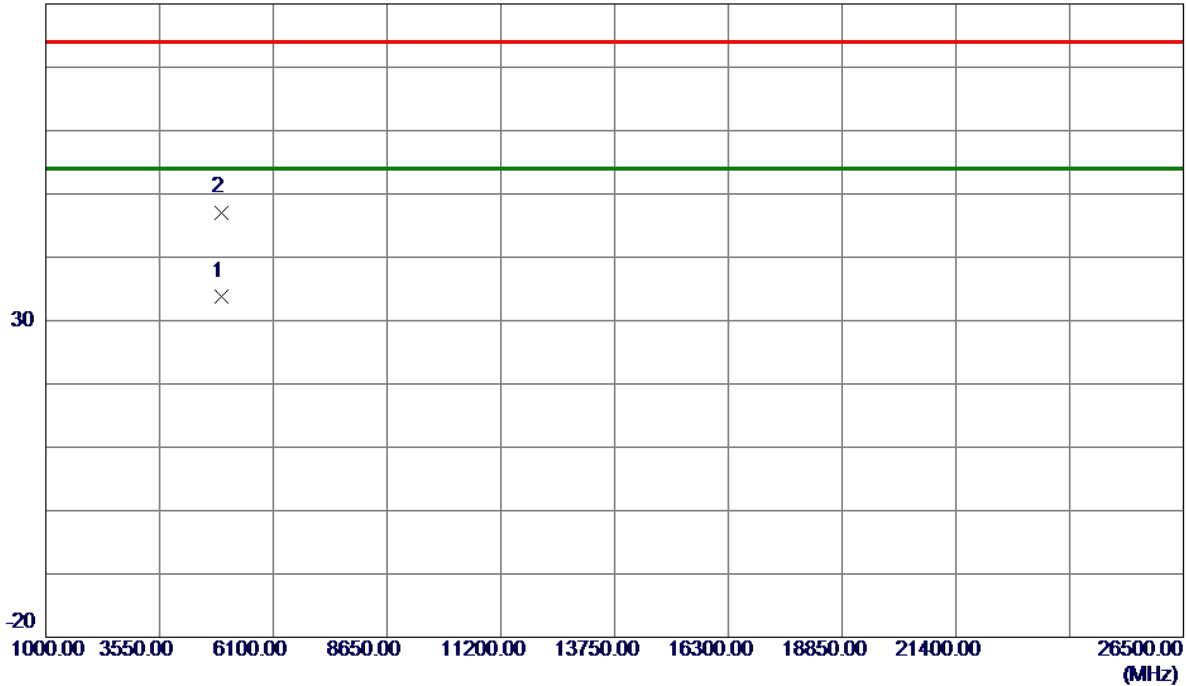
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2456.1000	88.54	7.25	95.79	74.00	21.79	Peak	No Limit
2 *	2456.1000	77.97	7.25	85.22	54.00	31.22	AVG	No Limit
3	2483.5000	49.75	7.25	57.00	74.00	-17.00	Peak	
4	2483.5000	35.36	7.25	42.61	54.00	-11.39	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical
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80 dBuV/m



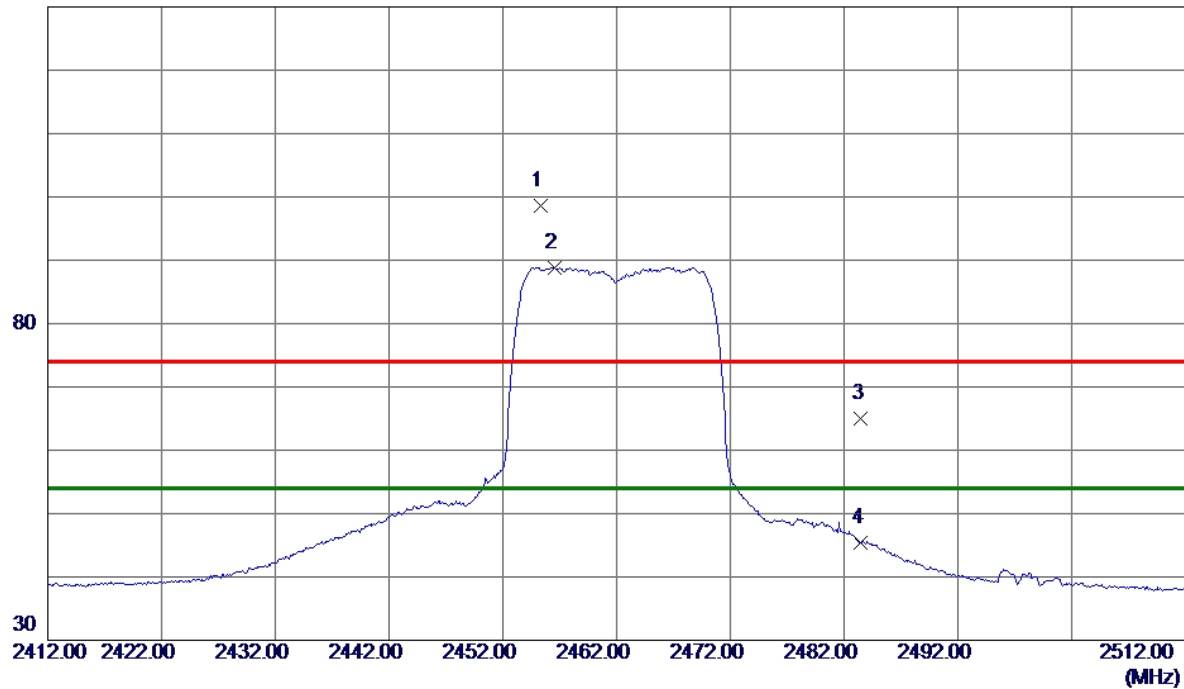
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4924.9400	29.11	4.72	33.83	54.00	-20.17	AVG	
2	4925.6900	42.38	4.72	47.10	74.00	-26.90	Peak	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal
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130 dBuV/m



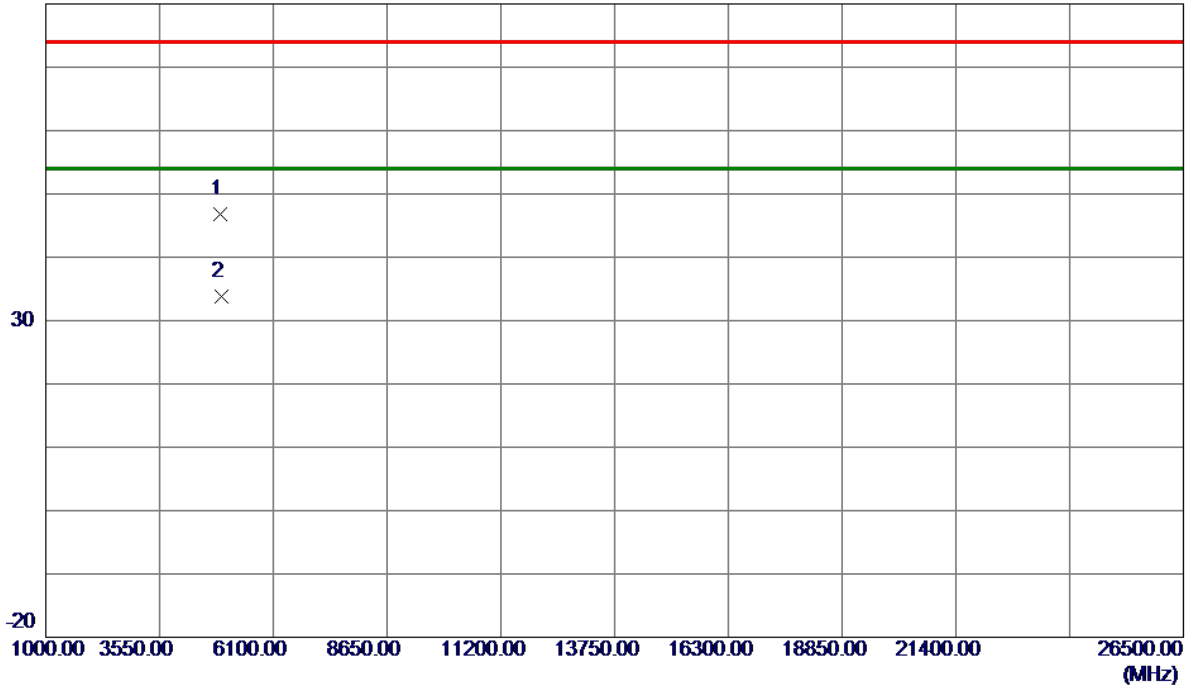
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2455.3000	91.26	7.25	98.51	74.00	24.51	Peak	No Limit
2 *	2456.6000	81.56	7.25	88.81	54.00	34.81	AVG	No Limit
3	2483.5000	57.76	7.25	65.01	74.00	-8.99	Peak	
4	2483.5000	38.11	7.25	45.36	54.00	-8.64	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal
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80 dBuV/m



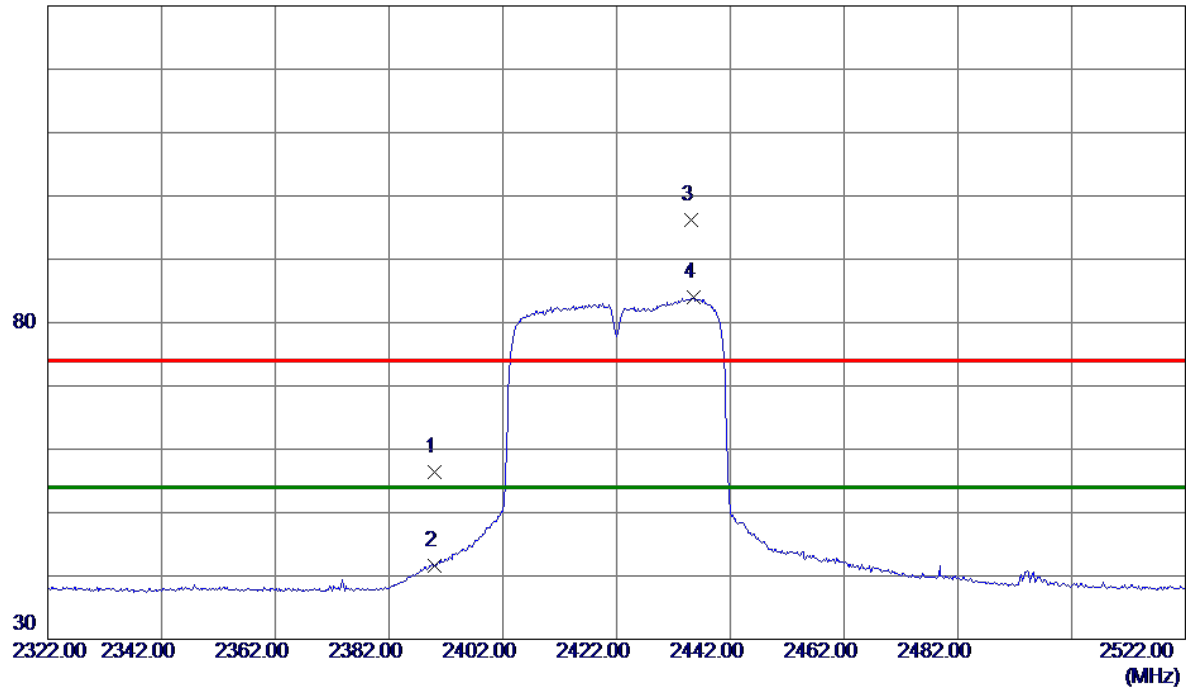
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.5500	42.14	4.72	46.86	74.00	-27.14	Peak	
2 *	4924.3050	29.16	4.72	33.88	54.00	-20.12	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical
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130 dBuV/m



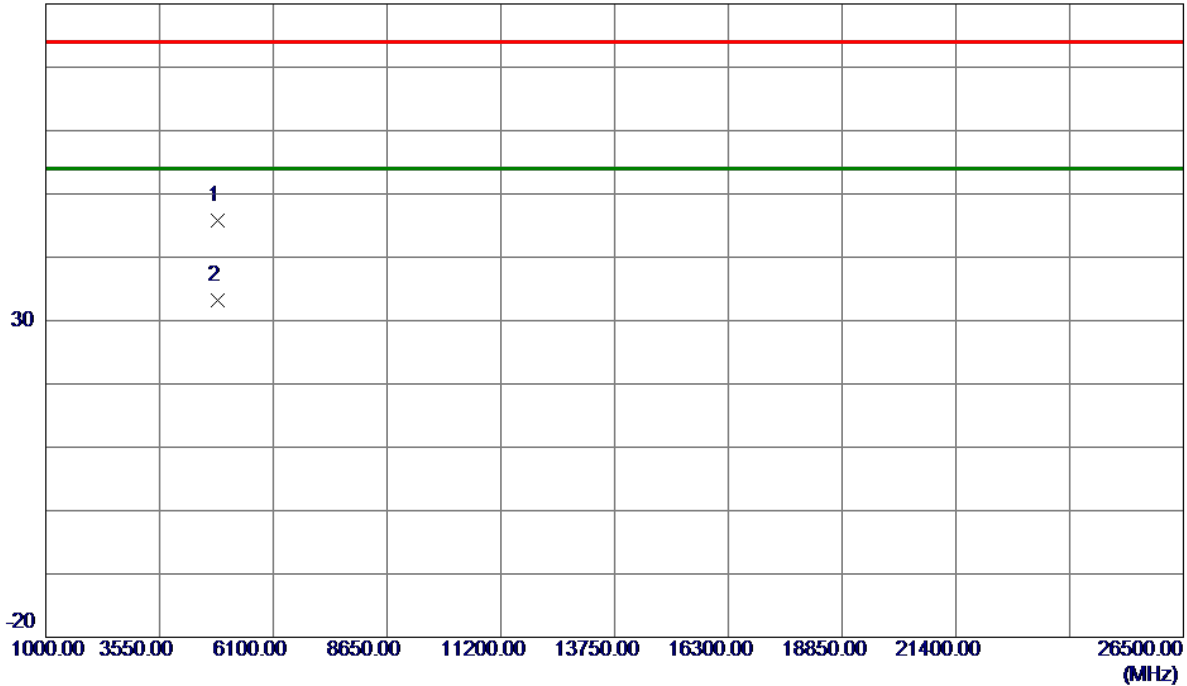
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	49.05	7.26	56.31	74.00	-17.69	Peak	
2	2390.0000	34.38	7.26	41.64	54.00	-12.36	AVG	
3	2435.2000	88.86	7.25	96.11	74.00	22.11	Peak	No Limit
4 *	2435.6000	76.77	7.25	84.02	54.00	30.02	AVG	No Limit

REMARKS:

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical
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80 dBuV/m



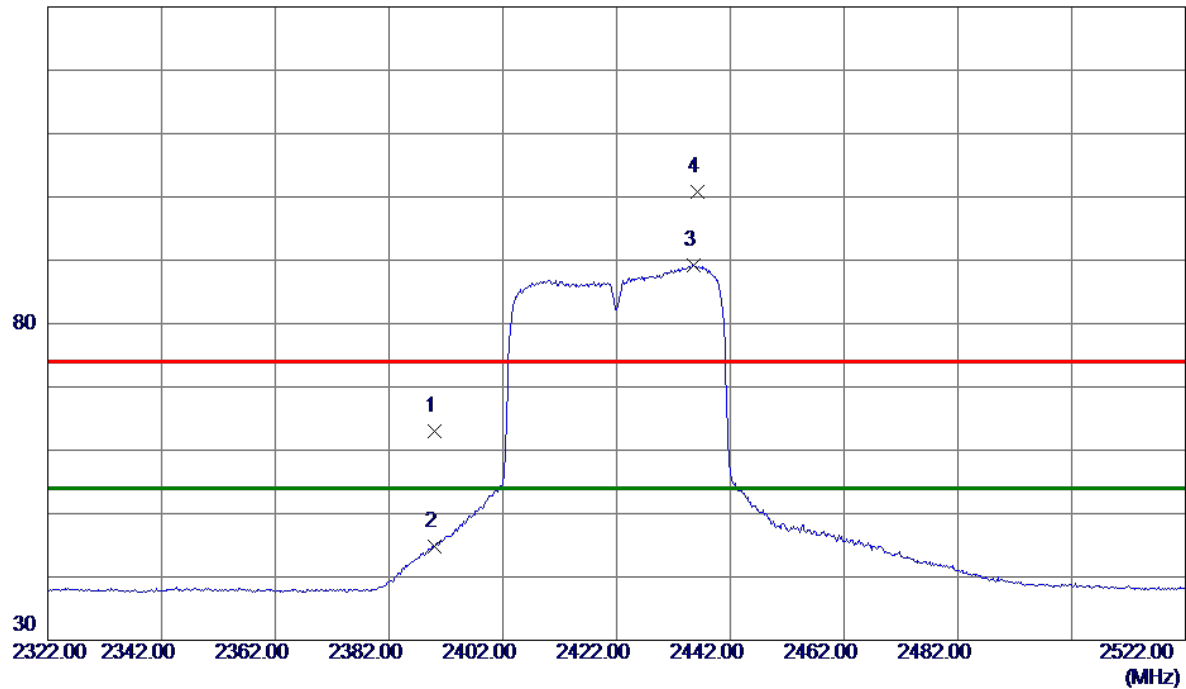
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4843.9800	41.38	4.50	45.88	74.00	-28.12	Peak	
2 *	4844.1500	28.79	4.50	33.29	54.00	-20.71	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal
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130 dBuV/m



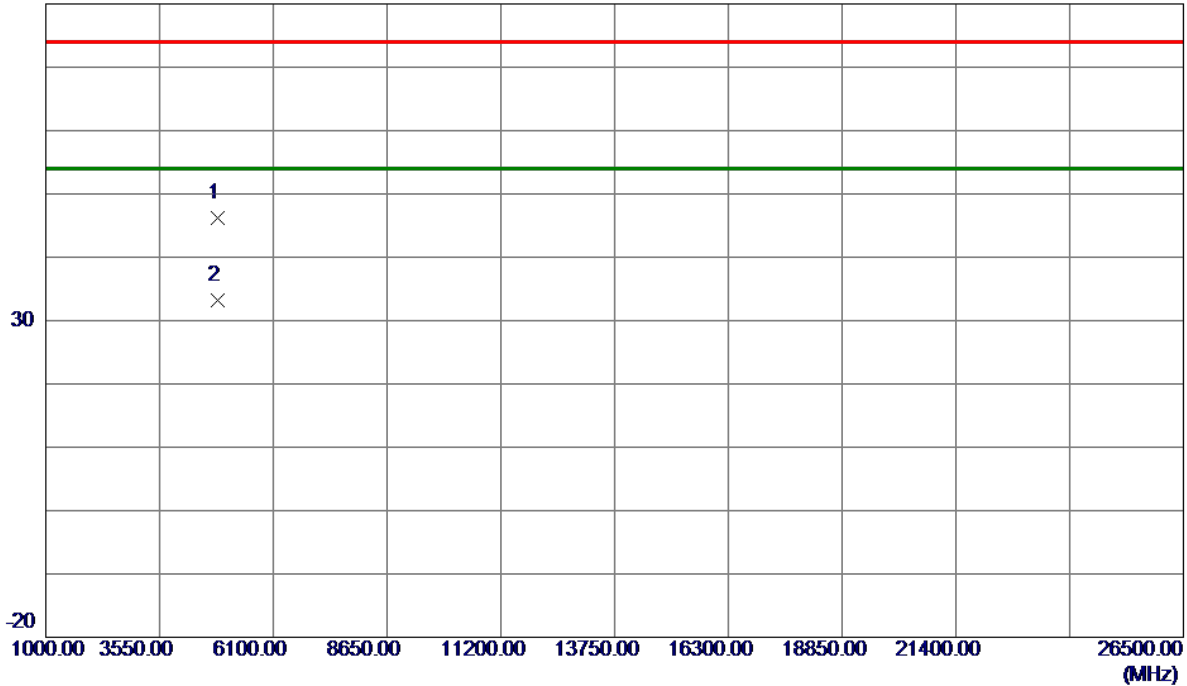
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	55.79	7.26	63.05	74.00	-10.95	Peak	
2	2390.0000	37.59	7.26	44.85	54.00	-9.15	AVG	
3 *	2435.6000	81.94	7.25	89.19	54.00	35.19	AVG	No Limit
4	2436.2000	93.57	7.25	100.82	74.00	26.82	Peak	No Limit

REMARKS:

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal
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80 dBuV/m



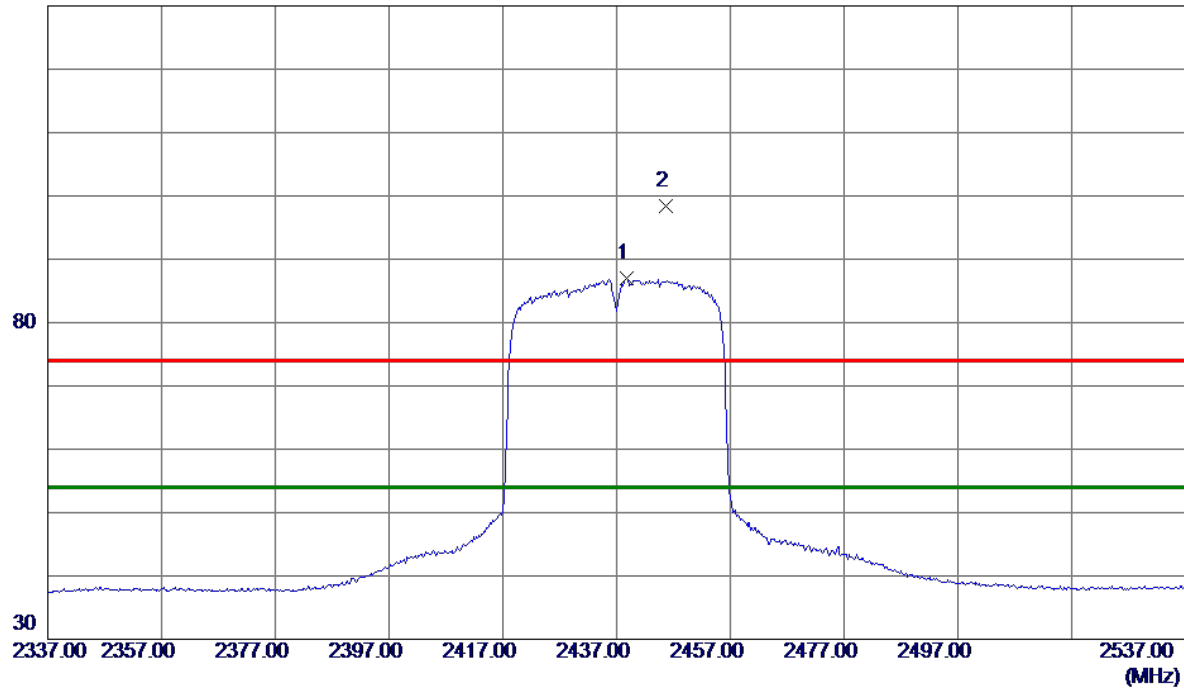
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4842.6150	41.79	4.50	46.29	74.00	-27.71	Peak	
2 *	4845.9900	28.67	4.51	33.18	54.00	-20.82	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical
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130 dBuV/m



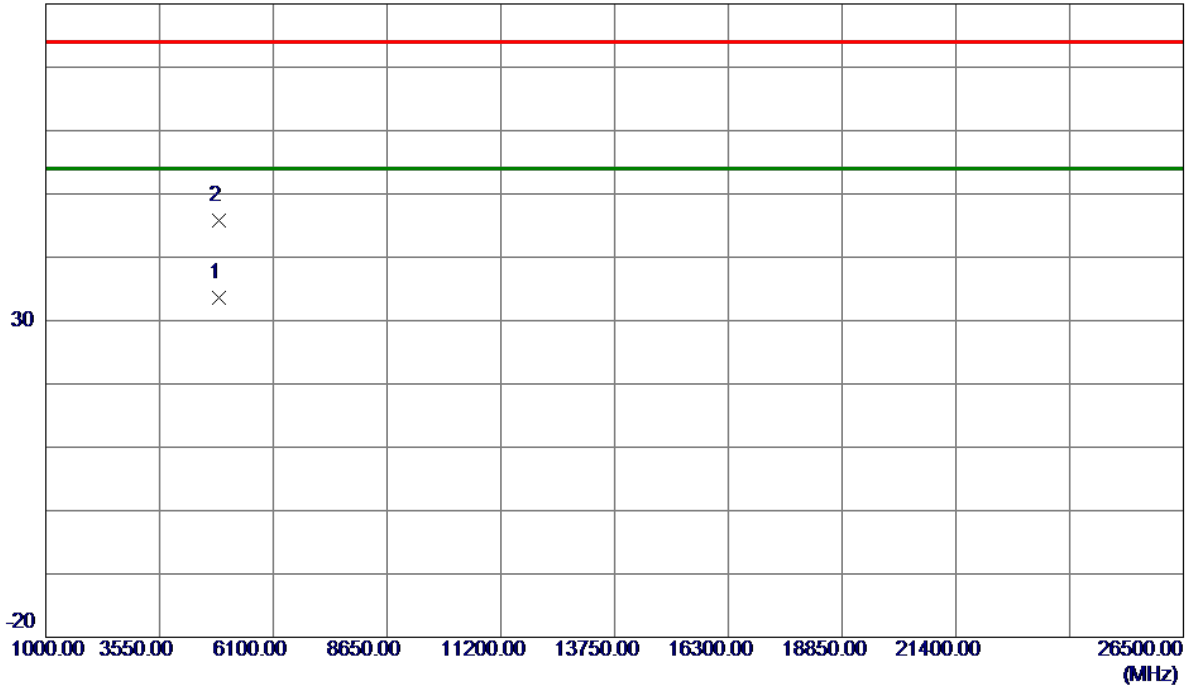
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2438.8000	79.68	7.25	86.93	54.00	32.93	AVG	No Limit
2	2445.6000	91.12	7.25	98.37	74.00	24.37	Peak	No Limit

REMARKS:

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m



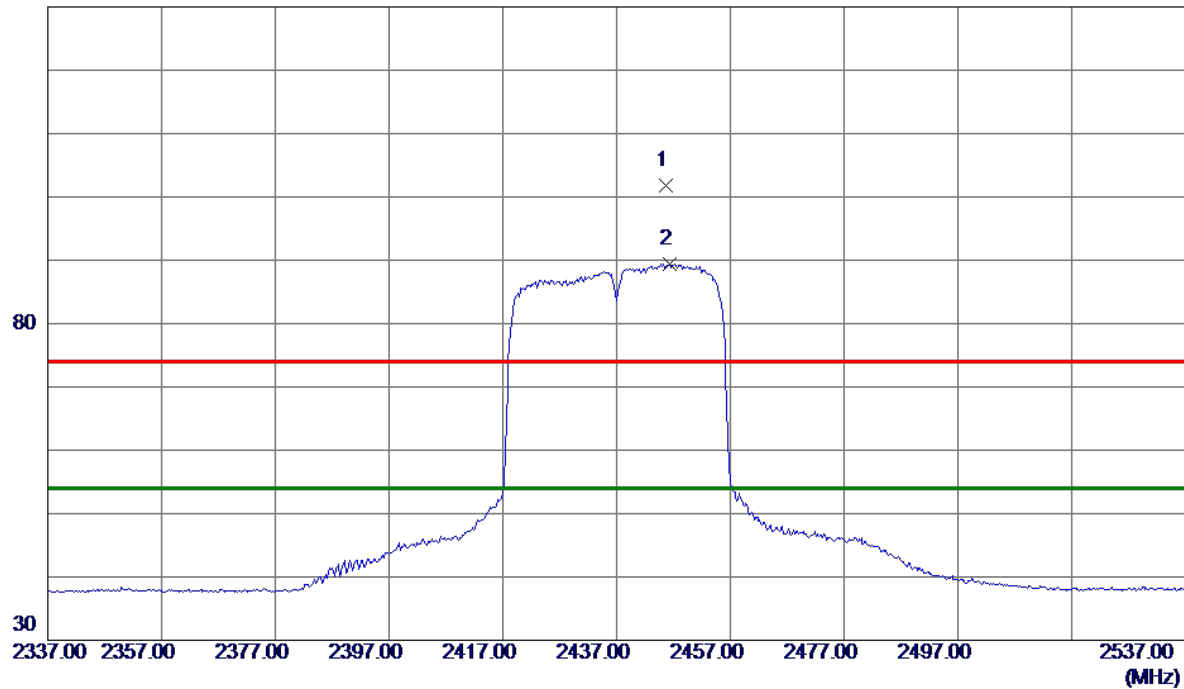
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4874.3600	28.94	4.58	33.52	54.00	-20.48	AVG	
2	4874.3800	41.19	4.58	45.77	74.00	-28.23	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal
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130 dBuV/m



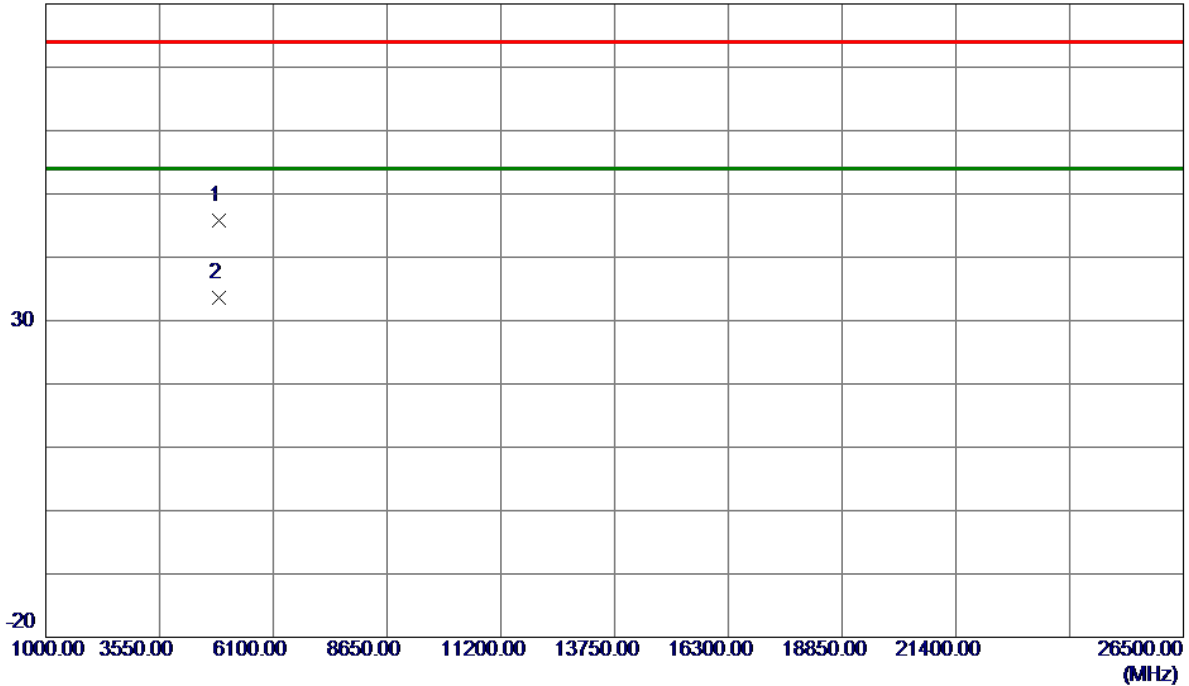
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2445.6000	94.64	7.25	101.89	74.00	27.89	Peak	No Limit
2 *	2446.4000	82.21	7.25	89.46	54.00	35.46	AVG	No Limit

REMARKS:

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal
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80 dBuV/m



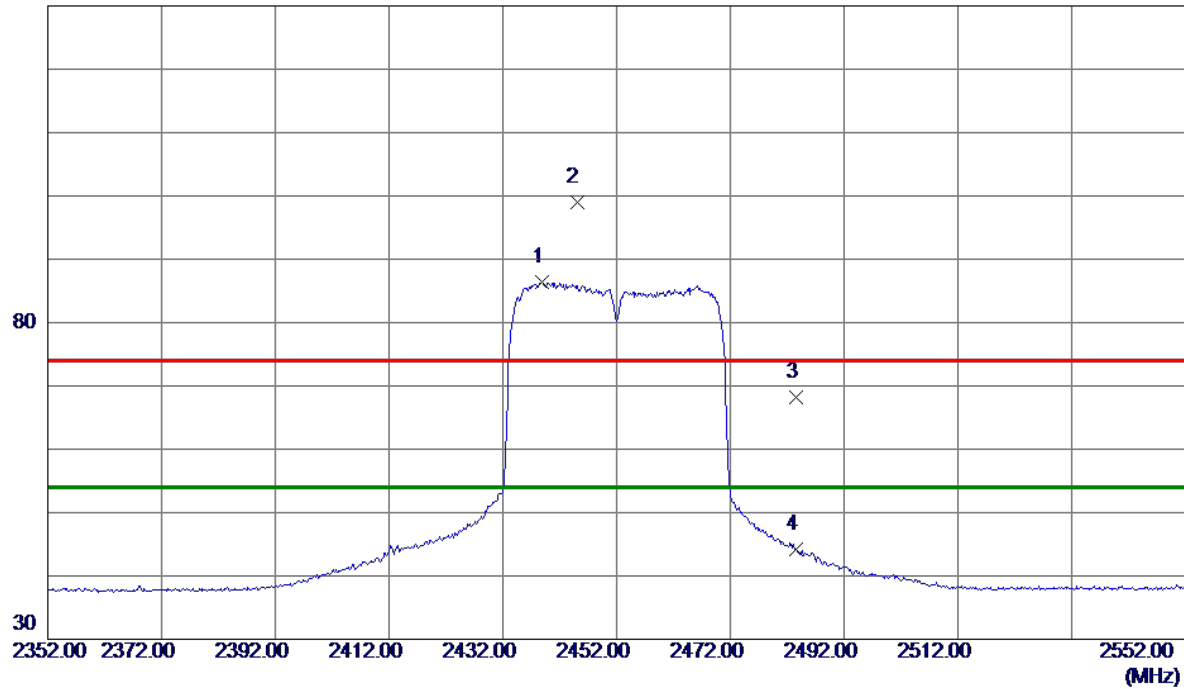
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.1850	41.21	4.58	45.79	74.00	-28.21	Peak	
2 *	4875.1300	29.02	4.59	33.61	54.00	-20.39	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical
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130 dBuV/m



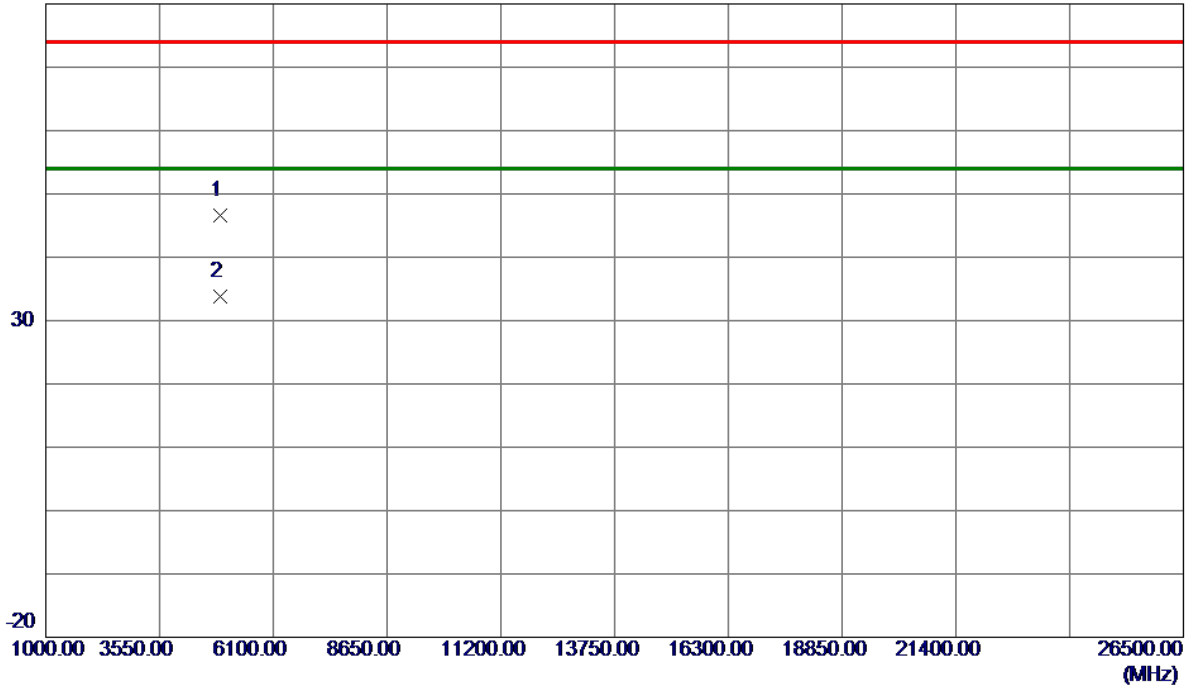
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2438.8000	79.15	7.25	86.40	54.00	32.40	AVG	No Limit
2	2445.0000	91.66	7.25	98.91	74.00	24.91	Peak	No Limit
3	2483.5000	61.04	7.25	68.29	74.00	-5.71	Peak	
4	2483.5000	37.04	7.25	44.29	54.00	-9.71	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical
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80 dBuV/m



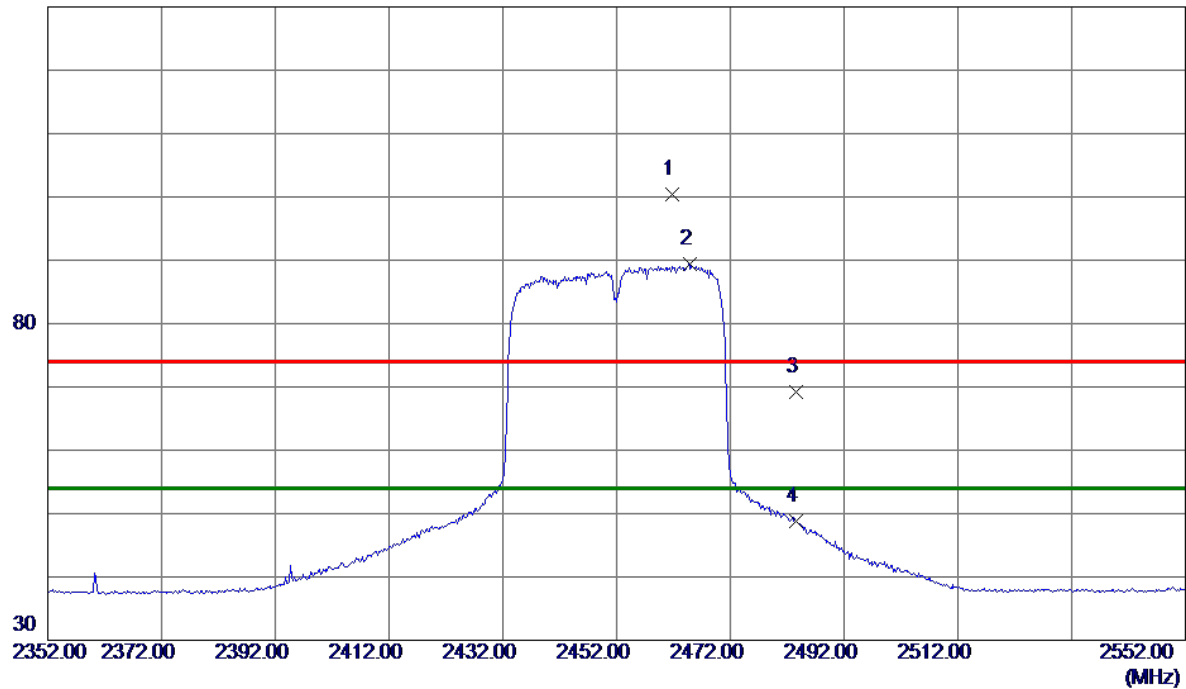
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4902.8500	41.94	4.66	46.60	74.00	-27.40	Peak	
2 *	4904.6000	29.13	4.67	33.80	54.00	-20.20	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal
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130 dBuV/m



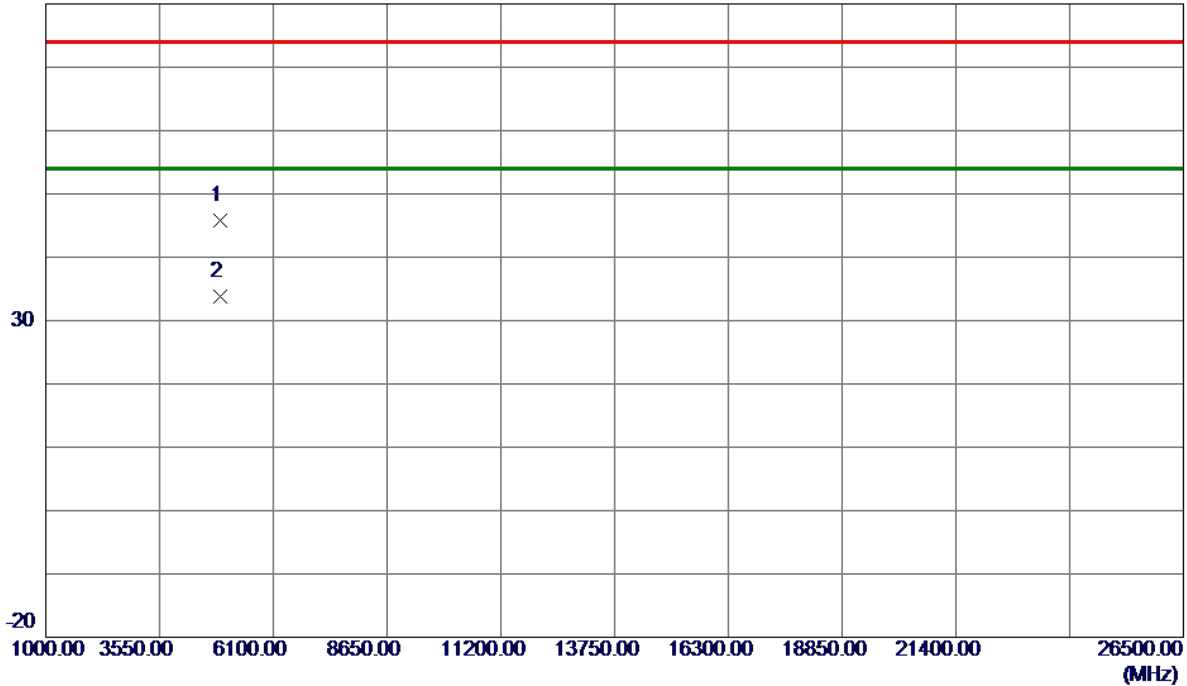
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.8000	93.08	7.25	100.33	74.00	26.33	Peak	No Limit
2 *	2464.8000	82.14	7.25	89.39	54.00	35.39	AVG	No Limit
3	2483.5000	61.87	7.25	69.12	74.00	-4.88	Peak	
4	2483.5000	41.48	7.25	48.73	54.00	-5.27	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4903.9100	41.14	4.66	45.80	74.00	-28.20	Peak	
2 *	4905.9550	29.19	4.67	33.86	54.00	-20.14	AVG	

REMARKS:

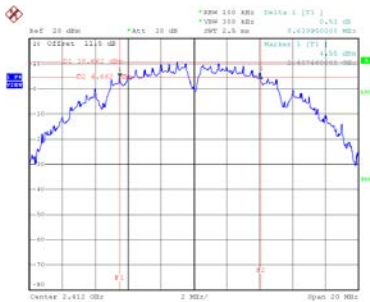
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	TX B Mode
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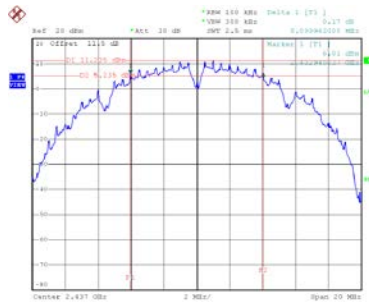
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	8.640	14.000	0.5	Complies
06	2437	8.100	13.120	0.5	Complies
11	2462	8.590	13.360	0.5	Complies

CH01



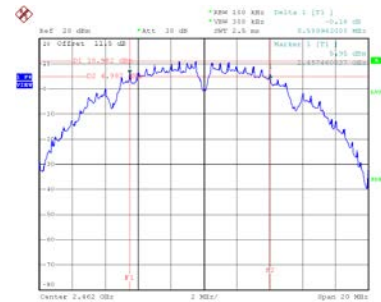
Date: 30/MAR/2021 15:45:06

CH06
6 dB Bandwidth



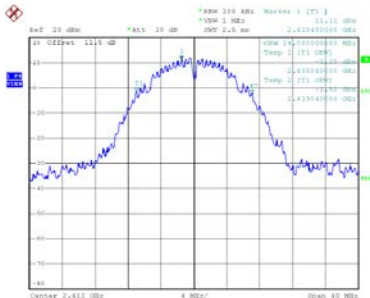
Date: 30/MAR/2021 15:47:14

CH11

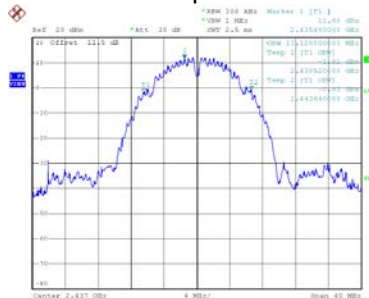


Date: 30/MAR/2021 15:49:28

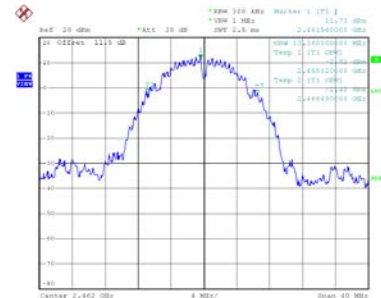
99 % Occupied Bandwidth



Date: 30/MAR/2021 15:45:13



Date: 30/MAR/2021 15:47:22

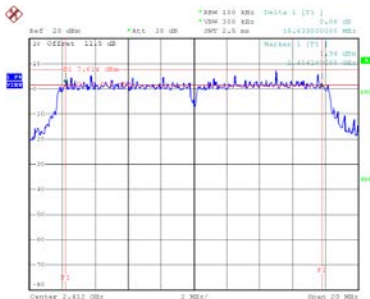


Date: 30/MAR/2021 15:49:36

Test Mode	TX G Mode
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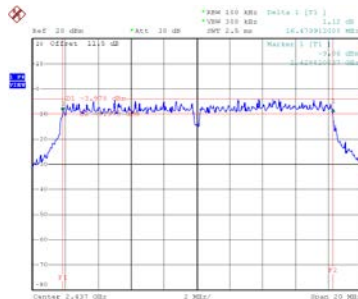
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	15.639	17.680	0.5	Complies
06	2437	16.480	17.120	0.5	Complies
11	2462	16.420	17.360	0.5	Complies

CH01



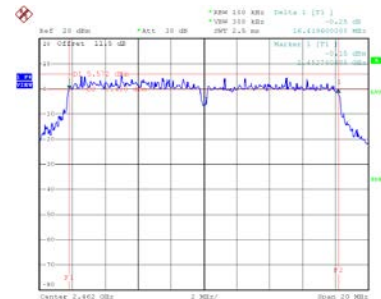
Date: 30/MAR/2021 15:51:20

CH06
6 dB Bandwidth



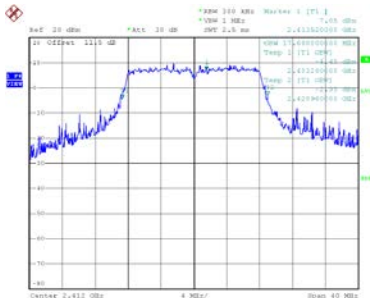
Date: 30/MAR/2021 15:51:25

CH11

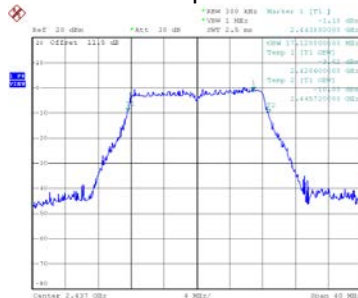


Date: 30/MAR/2021 16:03:47

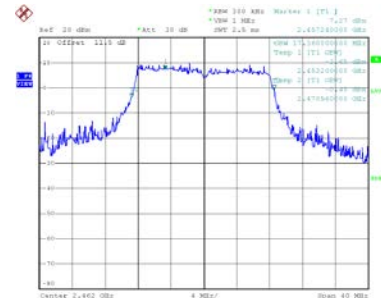
99 % Occupied Bandwidth



Date: 30/MAR/2021 15:51:20



Date: 30/MAR/2021 15:51:25

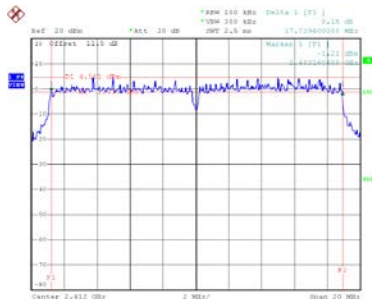


Date: 30/MAR/2021 16:03:55

Test Mode	TX N(HT20) Mode
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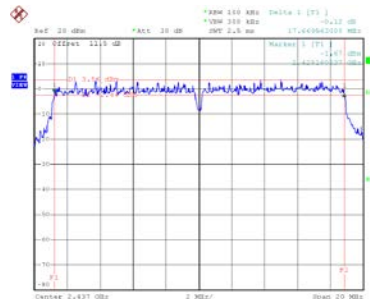
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	17.740	18.320	0.5	Complies
06	2437	17.670	18.160	0.5	Complies
11	2462	17.609	18.080	0.5	Complies

CH01



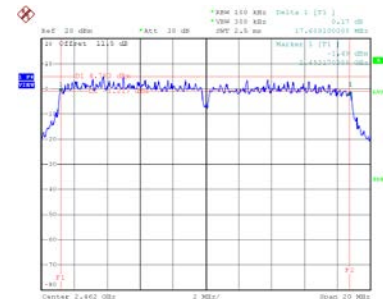
Date: 30/MAR/2021 16:43:23

CH06
6 dB Bandwidth



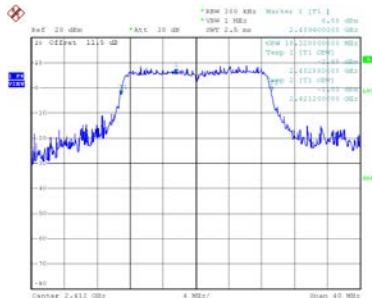
Date: 30/MAR/2021 16:43:42

CH11

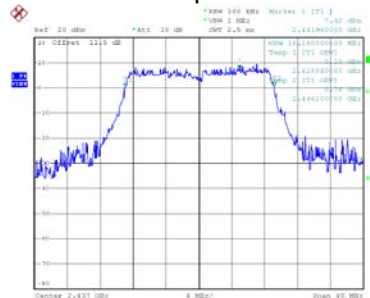


Date: 30/MAR/2021 16:43:49

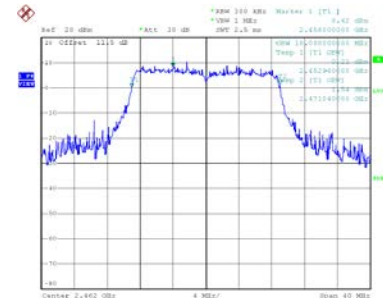
99 % Occupied Bandwidth



Date: 30/MAR/2021 16:43:31



Date: 30/MAR/2021 16:43:51

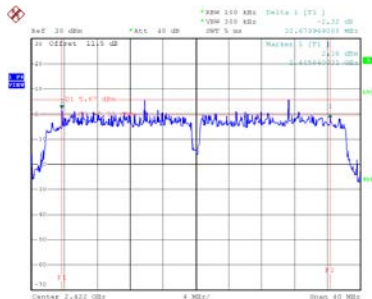


Date: 30/MAR/2021 16:43:57

Test Mode	TX N(HT40) Mode
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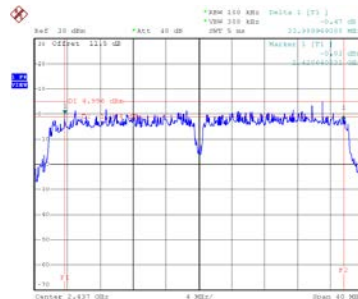
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	32.680	36.800	0.5	Complies
06	2437	33.990	36.960	0.5	Complies
09	2452	33.880	36.480	0.5	Complies

CH03



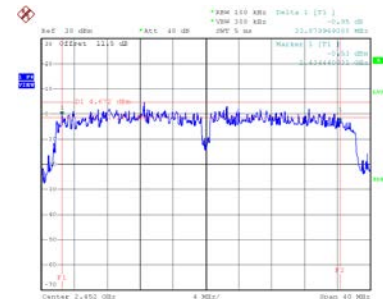
Date: 30.Nov.2021 16:50:13

CH06
6 dB Bandwidth



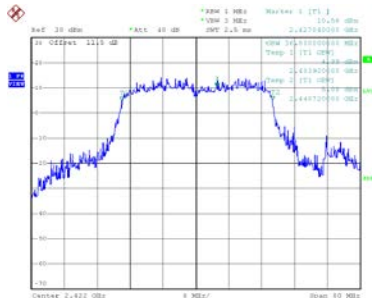
Date: 30.Nov.2021 16:55:25

CH09

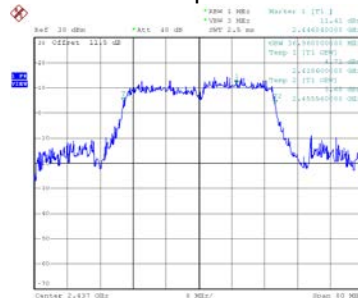


Date: 30.Nov.2021 17:01:59

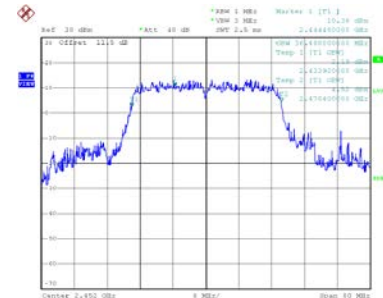
99 % Occupied Bandwidth



Date: 30.Nov.2021 16:50:21



Date: 30.Nov.2021 16:55:33



Date: 30.Nov.2021 17:02:07

APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	TX B Mode
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.96	0.10	18.06	30.00	1.0000	Complies
06	2437	17.89	0.10	17.98	30.00	1.0000	Complies
11	2462	18.14	0.10	18.24	30.00	1.0000	Complies

Test Mode	TX G Mode
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	13.96	0.60	14.56	30.00	1.0000	Complies
06	2437	16.27	0.60	16.87	30.00	1.0000	Complies
11	2462	16.29	0.60	16.89	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	13.12	0.63	13.75	30.00	1.0000	Complies
06	2437	14.79	0.63	15.42	30.00	1.0000	Complies
11	2462	15.24	0.63	15.87	30.00	1.0000	Complies

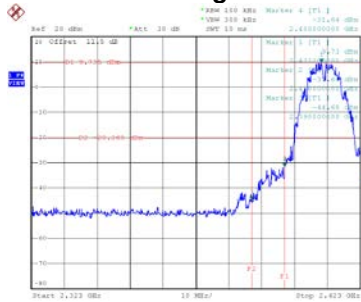
Test Mode	TX N(HT40) Mode
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.14	0.63	15.77	30.00	1.0000	Complies
06	2437	11.08	0.63	11.71	30.00	1.0000	Complies
09	2452	15.38	0.63	16.01	30.00	1.0000	Complies

APPENDIX G - CONDUCTED SPURIOUS EMISSIONS

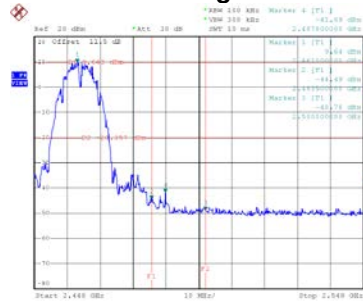
Test Mode TX B Mode

Bandedge-CH01



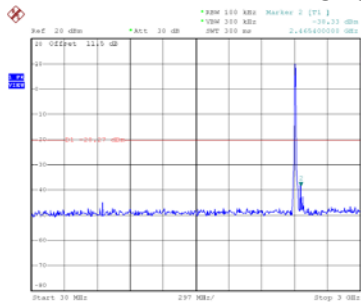
Date: 30.NOV.2021 15:43:48

Bandedge-CH11

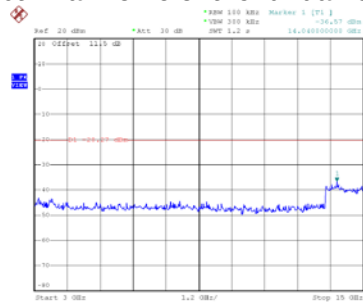


Date: 30.NOV.2021 15:49:44

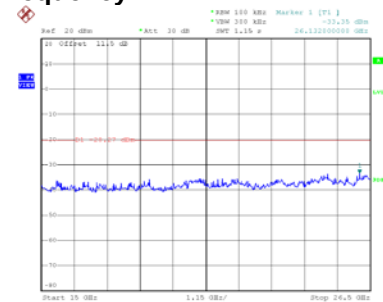
CH01 – 10th Harmonic of the fundamental frequency



Date: 30.NOV.2021 15:46:02

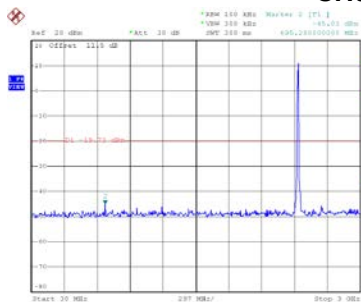


Date: 30.NOV.2021 15:46:10

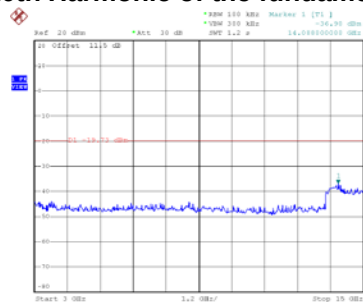


Date: 30.NOV.2021 15:46:19

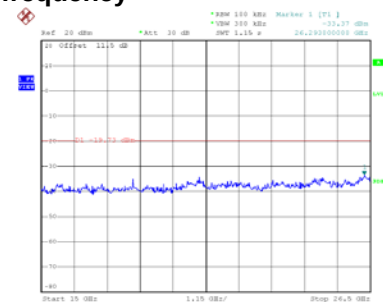
CH06 – 10th Harmonic of the fundamental frequency



Date: 30.NOV.2021 15:47:44

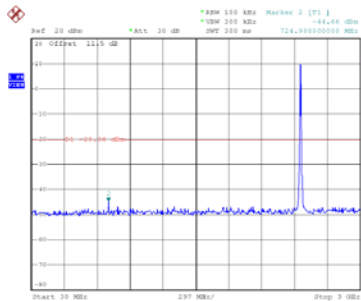


Date: 30.NOV.2021 15:47:53

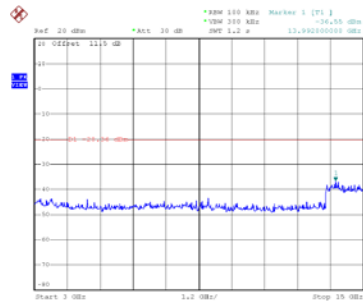


Date: 30.NOV.2021 15:48:02

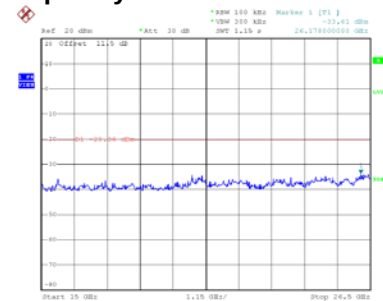
CH11 – 10th Harmonic of the fundamental frequency



Date: 30.NOV.2021 15:49:58



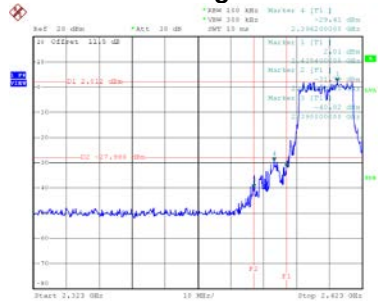
Date: 30.NOV.2021 15:50:06



Date: 30.NOV.2021 15:50:15

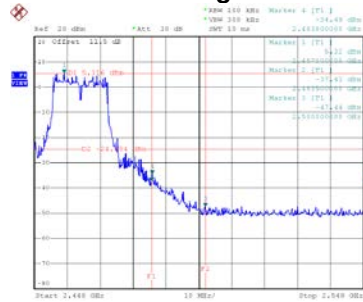
Test Mode TX G Mode

Bandedge-CH01



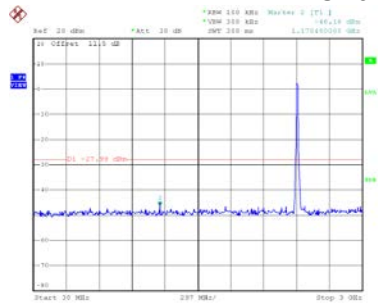
Date: 30,NOV,2021 17:07:25

Bandedge-CH11

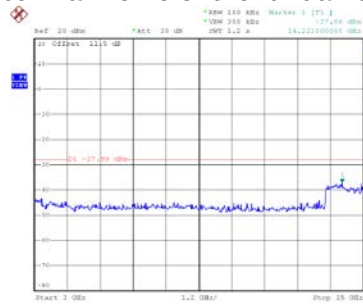


Date: 30,NOV,2021 16:02:04

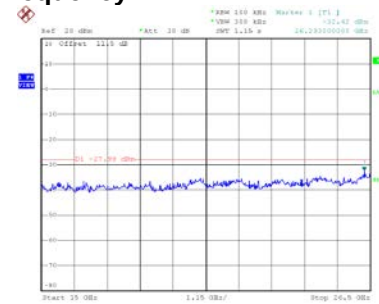
CH01 – 10th Harmonic of the fundamental frequency



Date: 30,NOV,2021 17:07:40

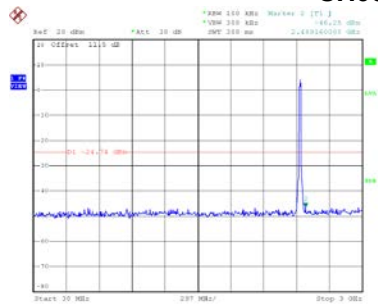


Date: 30,NOV,2021 17:07:48

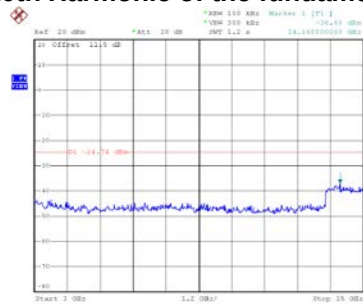


Date: 30,NOV,2021 17:07:57

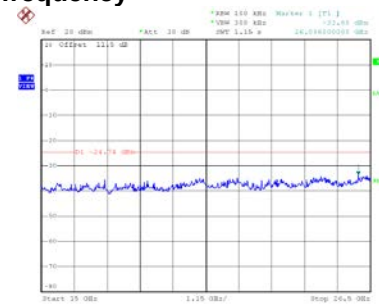
CH06 – 10th Harmonic of the fundamental frequency



Date: 30,NOV,2021 17:10:19

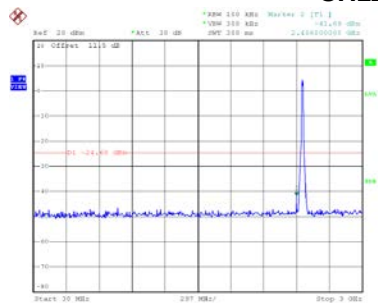


Date: 30,NOV,2021 17:10:26

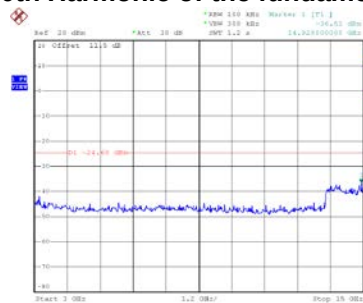


Date: 30,NOV,2021 17:10:36

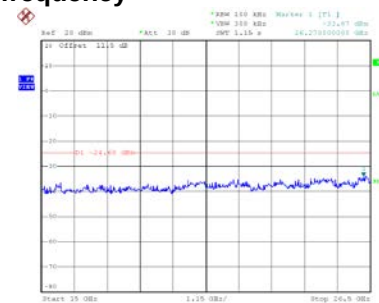
CH11 – 10th Harmonic of the fundamental frequency



Date: 30,NOV,2021 16:02:10



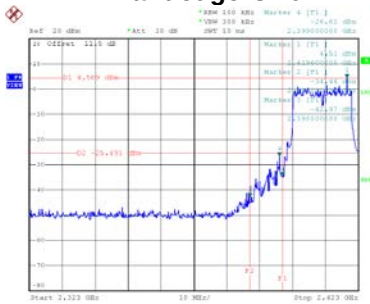
Date: 30,NOV,2021 16:02:26



Date: 30,NOV,2021 16:02:35

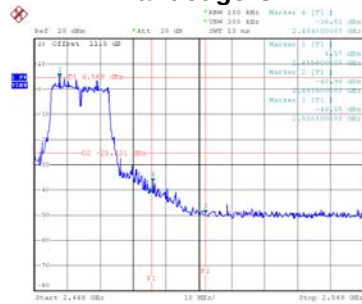
Test Mode TX N(HT20) Mode

Bandedge-CH01



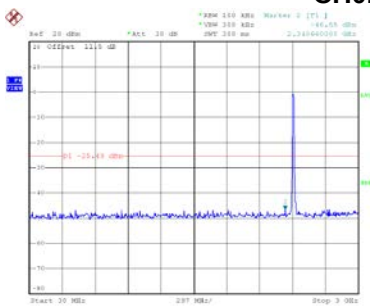
Date: 30/MAR/2021 17:14:08

Bandedge-CH11

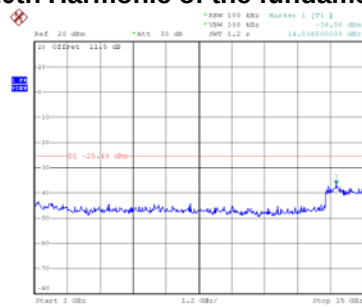


Date: 30/MAR/2021 16:41:06

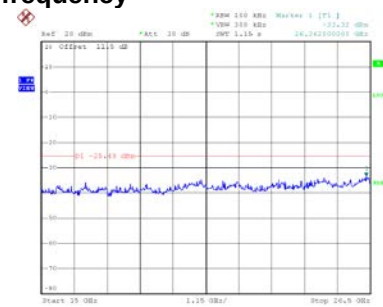
CH01 – 10th Harmonic of the fundamental frequency



Date: 30/MAR/2021 17:14:21

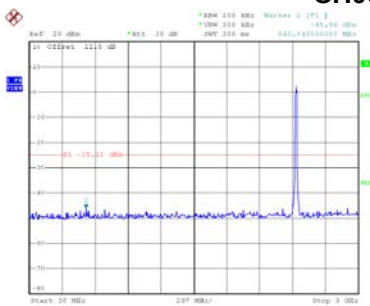


Date: 30/MAR/2021 17:14:30

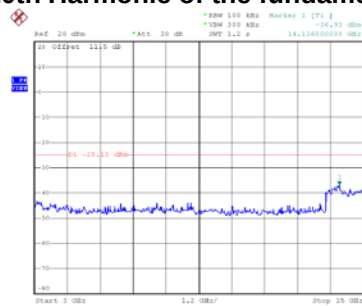


Date: 30/MAR/2021 17:14:38

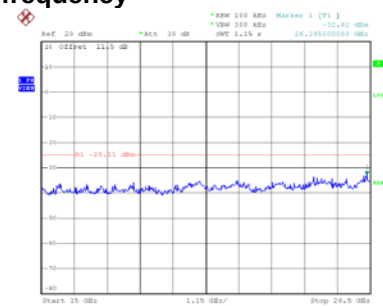
CH06 – 10th Harmonic of the fundamental frequency



Date: 30/MAR/2021 16:39:13

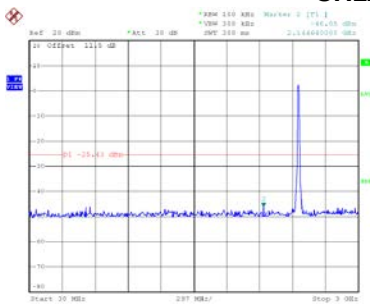


Date: 30/MAR/2021 16:39:22

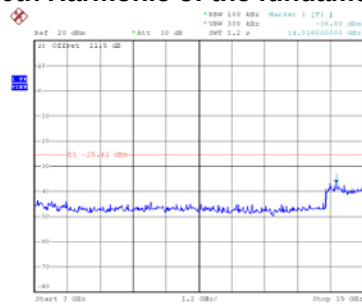


Date: 30/MAR/2021 16:39:30

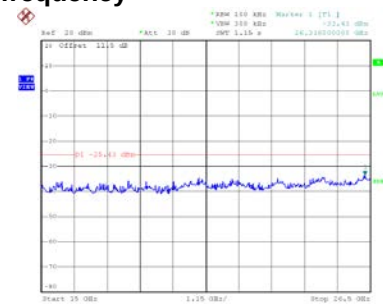
CH11 – 10th Harmonic of the fundamental frequency



Date: 30/MAR/2021 16:41:20



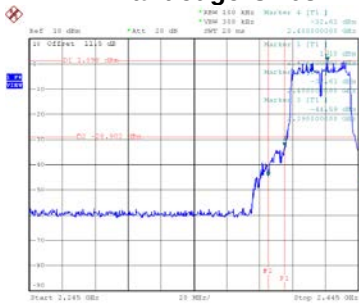
Date: 30/MAR/2021 16:41:29



Date: 30/MAR/2021 16:41:37

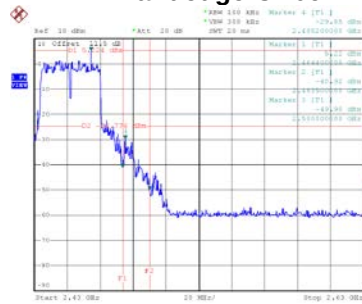
Test Mode TX N(HT40) Mode

Bandedge-CH03



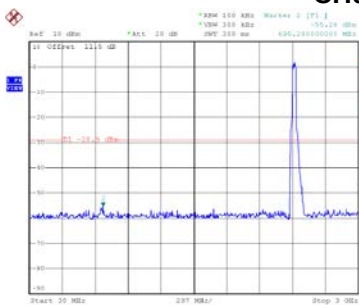
Date: 30.NOV.2021 16:51:45

Bandedge-CH09

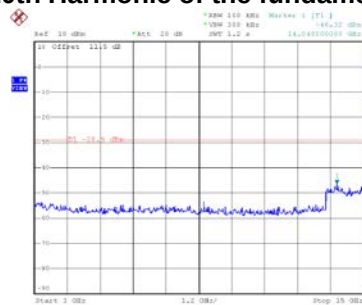


Date: 30.NOV.2021 17:00:51

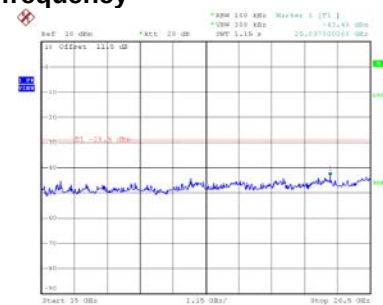
CH03 – 10th Harmonic of the fundamental frequency



Date: 30.NOV.2021 16:51:59

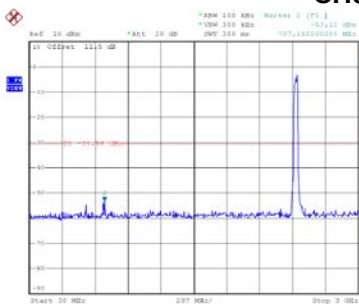


Date: 30.NOV.2021 16:52:08

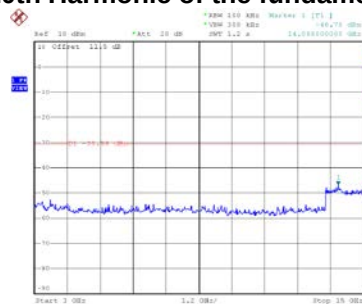


Date: 30.NOV.2021 16:52:17

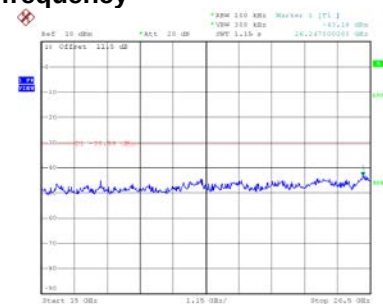
CH06 – 10th Harmonic of the fundamental frequency



Date: 30.NOV.2021 16:59:25

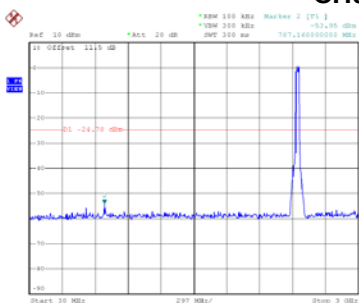


Date: 30.NOV.2021 16:59:44

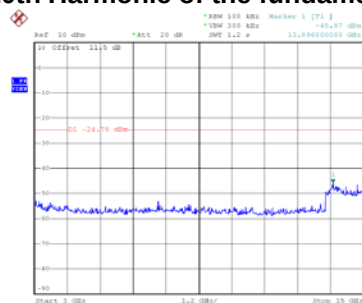


Date: 30.NOV.2021 16:59:52

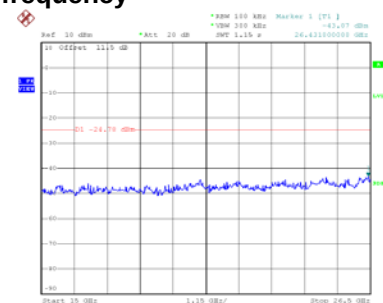
CH09 – 10th Harmonic of the fundamental frequency



Date: 30.NOV.2021 17:01:06



Date: 30.NOV.2021 17:01:14

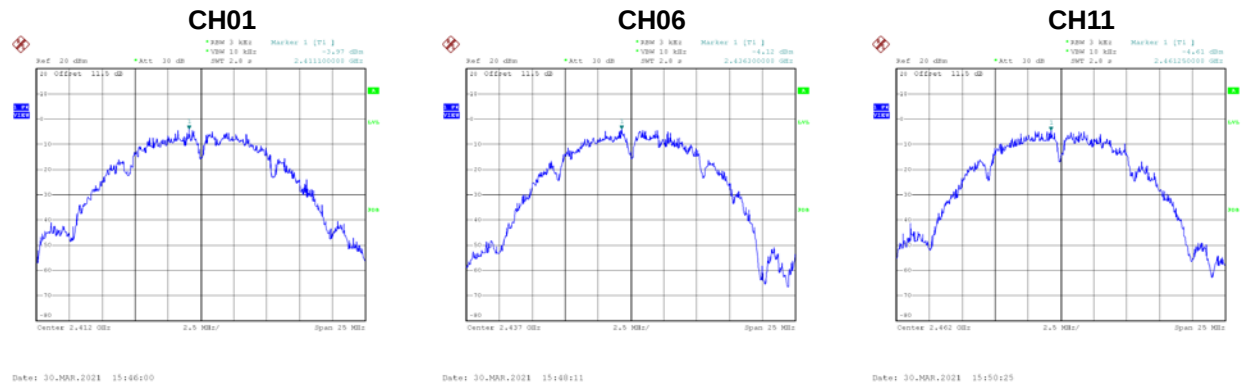


Date: 30.NOV.2021 17:01:23

APPENDIX H - POWER SPECTRAL DENSITY

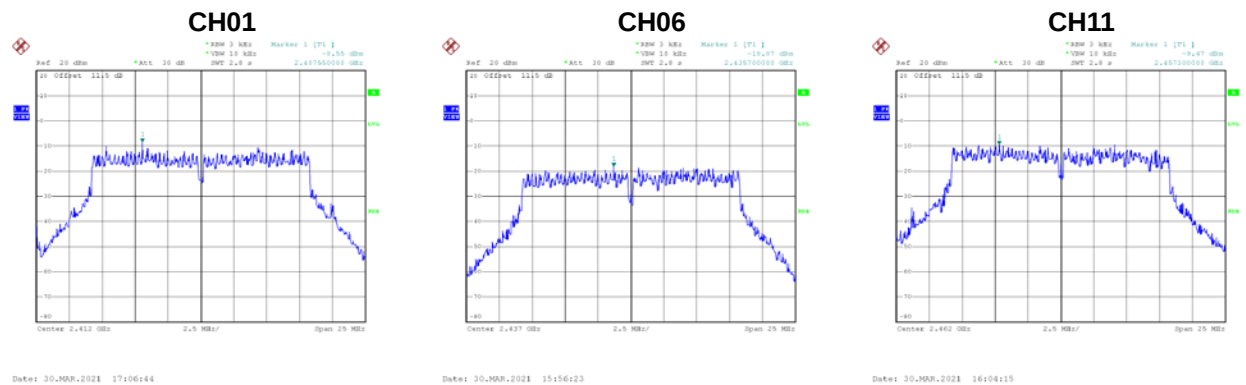
Test Mode	TX B Mode
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-3.97	8.00	Complies
06	2437	-4.12	8.00	Complies
11	2462	-4.61	8.00	Complies



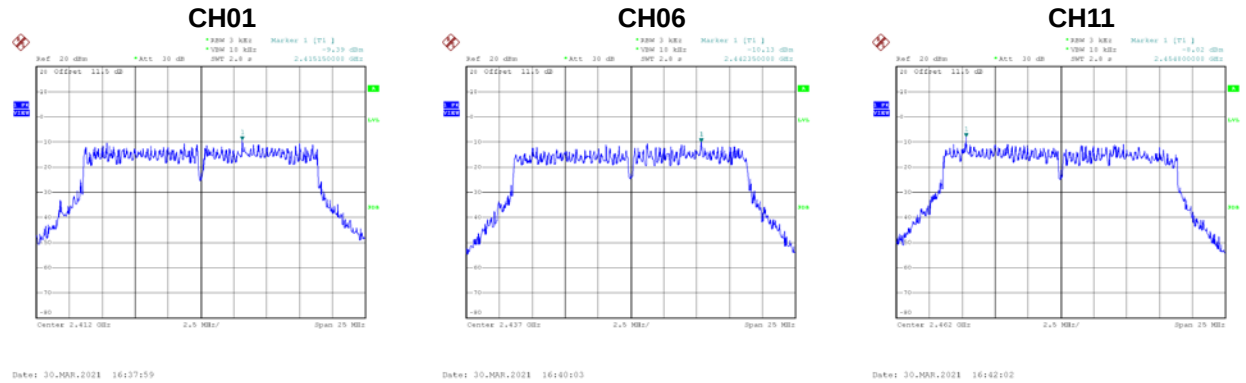
Test Mode	TX G Mode
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-8.55	8.00	Complies
06	2437	-18.07	8.00	Complies
11	2462	-9.47	8.00	Complies



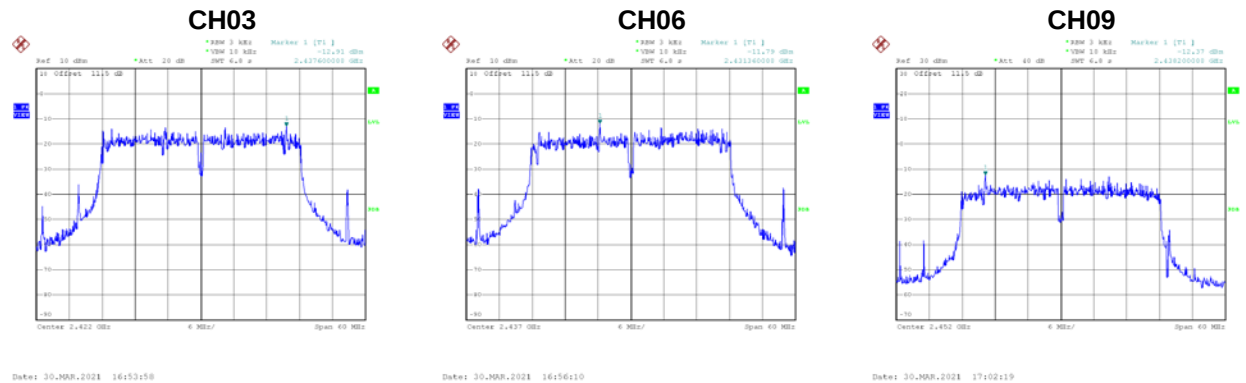
Test Mode	TX N(HT20) Mode
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-9.39	8.00	Complies
06	2437	-10.13	8.00	Complies
11	2462	-8.02	8.00	Complies



Test Mode	TX N(HT40) Mode
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-12.91	8.00	Complies
06	2437	-11.79	8.00	Complies
09	2452	-12.37	8.00	Complies



End of Test Report