

FCC Radio Test Report

FCC ID: LDKDSKH2377

This report concerns: Original Grant

Project No. : 2106H020
Equipment : Cisco Webex Desk Hub
Brand Name : Cisco
Test Model : CD-DSKH
Series Model : N/A
Applicant : Cisco Systems, Inc.
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Date of Receipt : Jun. 21, 2021
Date of Test : Jun. 21, 2021~Jul. 26, 2021
Issued Date : Sep. 18, 2021
Report Version : R00
Test Sample : Engineering Sample No.:
EUT:SH20210609121 for radiated; SH20210609122 for Conducted;
Adapter:SH20210609121-4, SH20210609121-5
Standard(s) : FCC CFR Title 47, Part 15, Subpart C
FCC KDB 558074 D01 15.247 Meas Guidance v05r02
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10-2013

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

Maker Qi

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TESTING CERT #5123.03

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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 Version	Description	Issued Date
R00	Original Issue.	Sep. 18, 2021

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

Note:

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

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China

BTL's Test Firm Registration Number for FCC: 476765

BTL's Designation Number for FCC: CN1241

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)
SH-C01	CISPR	150 kHz ~ 30 MHz	2.64

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
SH-CB02	CISPR	9 KHz~30 MHz	-	2.16
		30 MHz~200 MHz	V	4.04
		30 MHz~200 MHz	H	2.90
		200 MHz~1,000 MHz	V	3.76
		200 MHz~1,000 MHz	H	3.82
		1GHz ~ 6GHz	-	4.56
		6GHz ~ 18GHz	-	4.14
		18 ~ 26.5 GHz	-	3.48

C. Conducted test:

Parameter	U
Output Power	± 0.95 dB
Occupied Channel Bandwidth	± 3.8 %
Power Spectral Density	± 0.86 dB
Conducted Spurious Emission	± 2.71 dB
Temperature	± 0.08 °C
Humidity	± 1.5 %
Supply voltages	± 0.3 %

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	23°C	59%	AC 120V/60Hz	Joven Xiong
Radiated Emissions-9kHz to 30 MHz	24°C	58%	AC 120V/60Hz	Forest Li
Radiated Emissions-30MHz to 1000MHz	24°C	58%	AC 120V/60Hz	Forest Li
Radiated Emissions-Above 1000MHz	24°C	58%	AC 120V/60Hz	Forest Li
Bandwidth	25°C	62%	AC 120V/60Hz	Danny Dang
Maximum Output Power	25°C	62%	AC 120V/60Hz	Danny Dang
Conducted Spurious Emissions	25°C	62%	AC 120V/60Hz	Danny Dang
Power Spectral Density	25°C	62%	AC 120V/60Hz	Danny Dang

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Cisco Webex Desk Hub
Brand Name	Cisco
Test Model	CD-DSKH
Series Model	N/A
Model Difference(s)	N/A
Software Version	novum1.1.0
Hardware Version	P2A-1
Power Source	DC Voltage supplied from AC/DC adapter. Brand / Model: ACBEL/ ADC027
Power Rating	I/P: AC 100-240V~ 1.8A 50-60Hz O/P: 19.0V --- 6.32 A ,120.0W
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 300 Mbps
Peak Output Power _CDD	IEEE 802.11n40: 27.86 dBm (0.6109 W)
Peak Output Power _Beamforming	IEEE 802.11n40: 27.77 dBm (0.5984 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)							
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. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Cable antenna	N/A	0.21
2	N/A	N/A	Cable antenna	N/A	3.55

Note:

- Any transmit signals are correlated with each other, so Directional gain= $10\log[(10^{G1/20}+10^{G2/20})^2/N]$ dBi, that is Directional gain= $10\log[(10^{0.21/20}+10^{3.55/20})^2/2]$ dBi =5.05. So, the output power limit is 30, the power spectral density limit is 8.
- This EUT supports CDD, and all antenna gains are not equal, so Directional gain= $10\log[(10^{G1/20}+10^{G2/20}+...+10^{GN/20})^2/N]$ dBi, that is Directional gain= $10\log[(10^{0.21/20}+10^{3.55/20})^2/2]$ dBi =5.05. So, the output power limit is 30, the power spectral density limit is 8
- Beamforming gain=3 dBi
- The antenna gain and beamforming gain are provided by the manufacturer.

4. Table for Antenna Configuration:

Operating Mode / TX Mode	Ant. 1	Ant. 2	Ant. 1 + Ant. 2
802.11b	✓	✓	✗
802.11g	✓	✓	✗
802.11n(20 MHz)	✓	✓	✓
802.11n(40 MHz)	✓	✓	✓

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

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 N(HT40) Mode Channel 09

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 4	TX N(HT40) Mode Channel 09

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) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (2) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX N (HT40) Mode Channel 09 is found to be the worst case and recorded.
- (3) The measurements for Output Power are tested, the CDD and Beamforming are recorded in the report. The worst case is CDD and only the worst case is documented for other test items.

2.3 PARAMETERS OF TEST SOFTWARE

CDD

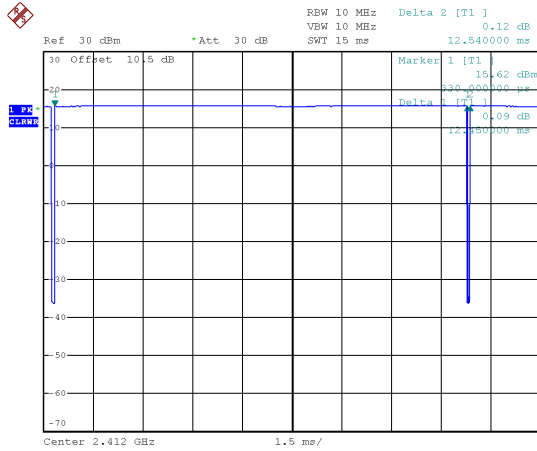
Test Software Version	QRCT		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	18.00	18.00	18.00
IEEE 802.11g	15.00	15.00	15.00
IEEE 802.11n(HT20)	14.00	14.00	14.00
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	14.50	14.50	14.50

Beamforming

Test Software Version	QRCT		
Frequency (MHz)	2412	2437	2462
IEEE 802.11n(HT20)	14.00	14.00	14.00
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	14.50	14.50	14.50

2.4 DUTY CYCLE

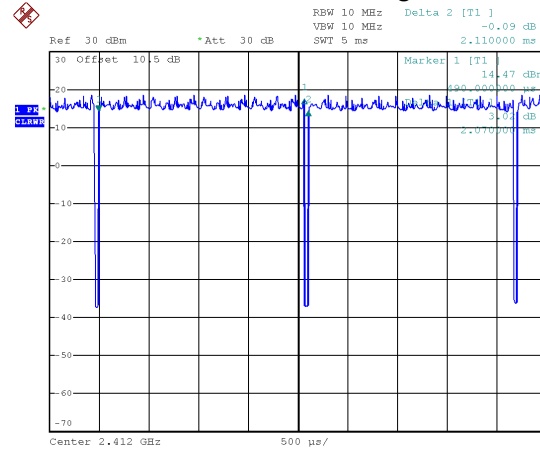
IEEE 802.11b



Date: 2.JUL.2021 11:54:17

Duty cycle = 12.45 ms / 12.54 ms = 99.28%
Duty Factor = 10 log(1/Duty cycle) = 0.03

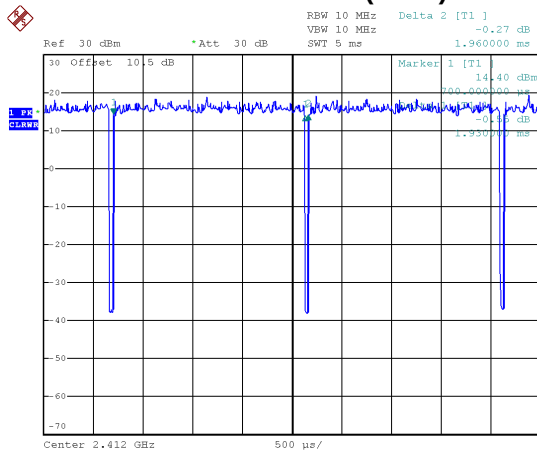
IEEE 802.11g



Date: 2.JUL.2021 11:56:02

Duty cycle = 2.07 ms / 2.11 ms = 98.10%
Duty Factor = 10 log(1/Duty cycle) = 0.08

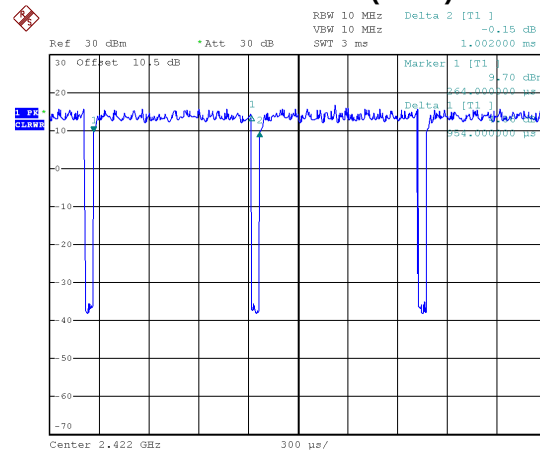
IEEE 802.11n(HT20)



Date: 2.JUL.2021 11:57:09

Duty cycle = 1.93 ms / 1.96 ms = 98.47%
Duty Factor = 10 log(1/Duty cycle) = 0.07

IEEE 802.11n(HT40)



Date: 2.JUL.2021 11:58:33

Duty cycle = 0.954 ms / 1.002 ms = 95.21%
Duty Factor = 10 log(1/Duty cycle) = 0.21

NOTE:

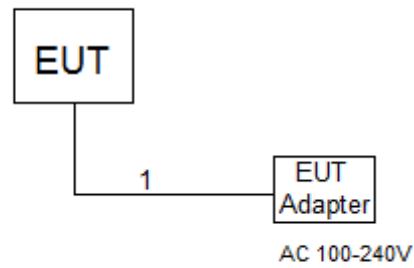
For IEEE 802.11b / IEEE 802.11g / IEEE 802.11n (HT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer are 1 MHz and the video bandwidth are 10 Hz.

For IEEE 802.11n (HT40):

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

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC	N/A	N/A	1.5M

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.

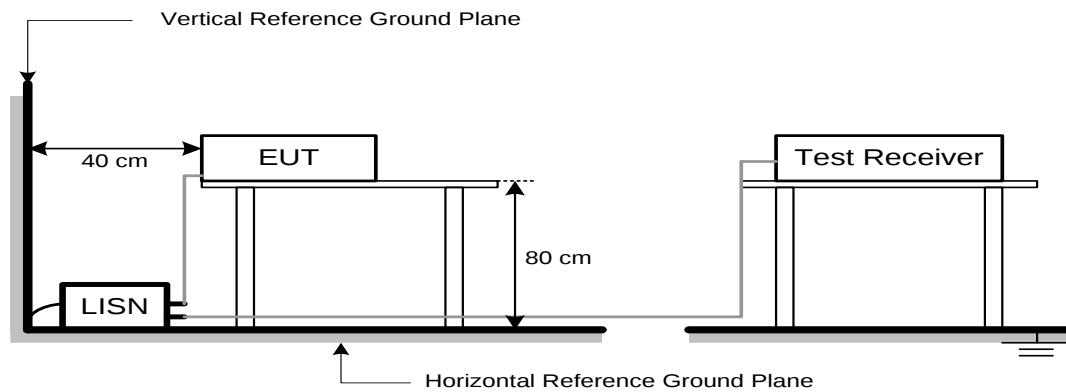
The following table is the setting of the receiver:

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

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

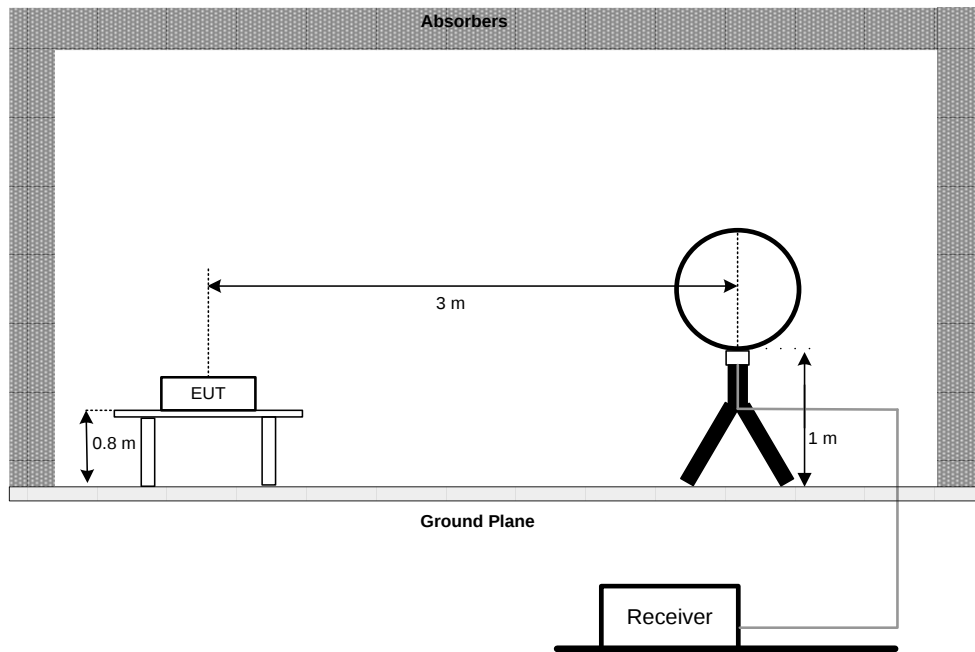
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

4.3 DEVIATION FROM TEST STANDARD

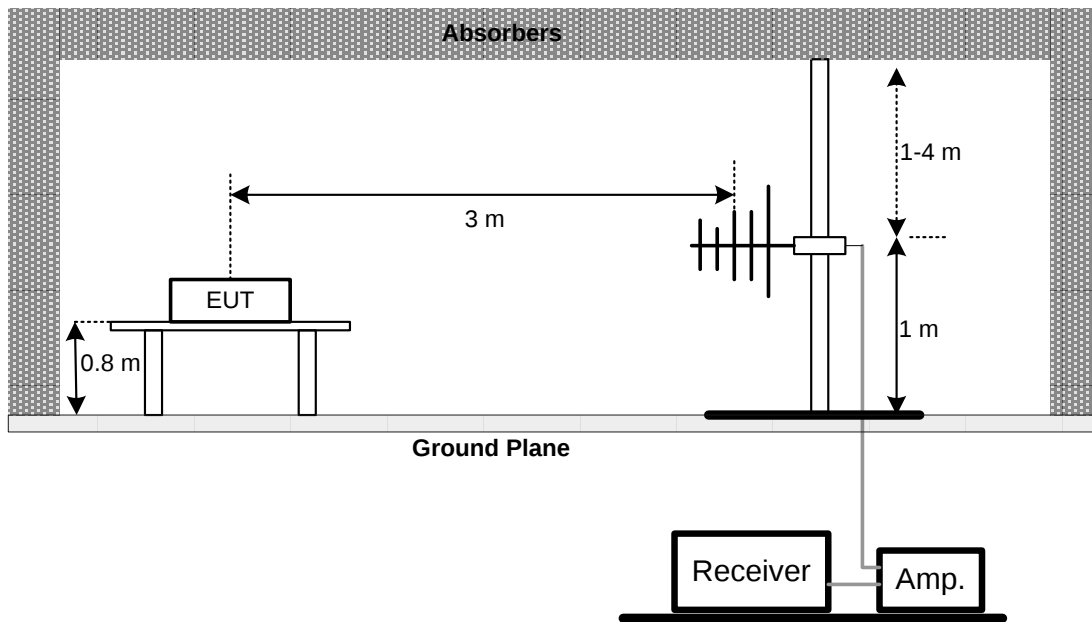
No deviation.

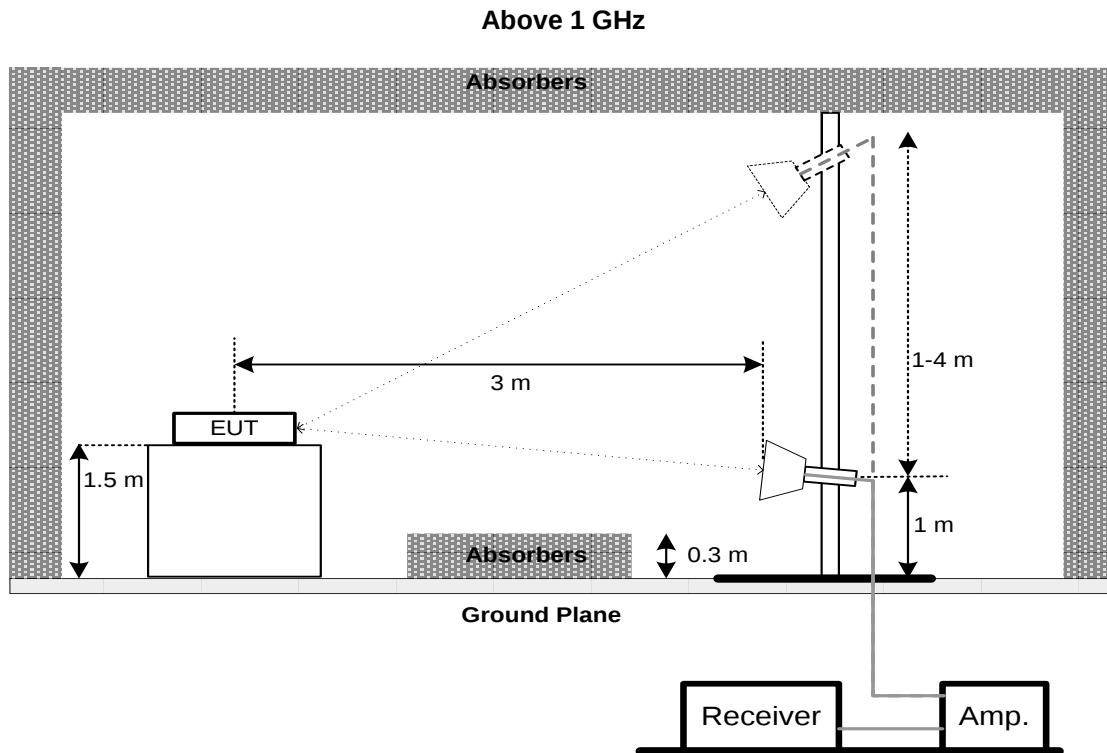
4.4 TEST SETUP

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

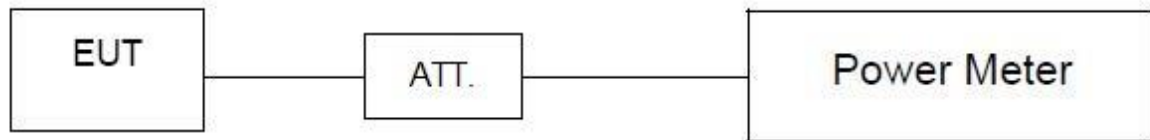
6.2 TEST PROCEDURE

- 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 11.9.1.3 (for peak power) of ANSI C63.10-2013 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.

7. CONDUCTED SPURIOUS EMISSIONS

7.1 LIMIT

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

7.2 TEST PROCEDURE

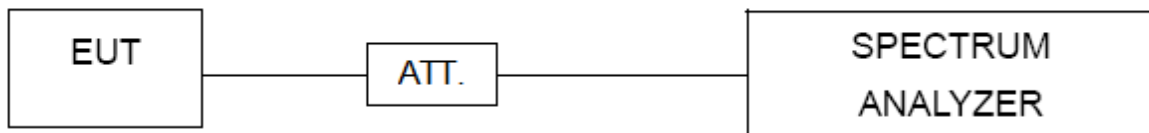
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	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

- 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	Line Impedance Stabilisation Network	Schwarzbeck	NNLK 8121	8121-822	Mar. 20, 2022
2	TWO-LINE V-NETWORK	R&S	ENV216	101340	Aug. 23, 2021
3	Test Cable	emci	EMCRG400-BM-N M-10000	170628	Apr. 11, 2022
4	EMI Test Receiver	R&S	ESCI	100082	Mar. 21, 2022
5	50Ω Terminator	SHX	TF2-1G-A	17051602	Mar. 20, 2022
6	50Ω coaxial switch	Anritsu	MP59B	6201750902	Mar. 21, 2022
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EMCI	EMCI LPA600	275	May. 20, 2022
2	MXE EMI Receiver	Keysight	N9038A	MY56400088	Mar. 21, 2022
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TRILOG Broadband Antenna	Schwarzbeck	VULB 9160	9160-3233	Mar. 26, 2022
2	Pre-Amplifier	emci	EMC9135	980401	Mar. 20, 2022
3	MXE EMI Receiver	Keysight	N9038A	MY56400088	Mar. 21, 2022
4	Test Cable	emci	EMC104-SM-SM-7 000	181020	Apr. 11, 2022
5	Test Cable	emci	EMC104-SM-SM-2 500	170618	Apr. 11, 2022
6	Test Cable	emci	EMC104-SM-SM-8 00	170647	Apr. 11, 2022
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Broadband Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1817	Mar. 26, 2022
2	Pre-Amplifier	emci	EMC051845SE	980725	Sep. 14, 2021
3	EXA Spectrum Analyzer	Keysight	N9010A	MY56480579	Mar. 21, 2022
4	Test Cable	emci	EMC104-SM-SM-7000	181020	Apr. 11, 2022
5	Test Cable	emci	EMC104-SM-SM-2500	170618	Apr. 11, 2022
6	Test Cable	emci	EMC104-SM-SM-800	170647	Apr. 11, 2022
7	Double-Ridged Waveguide Horn Antenna	ETS-Lindgren	3116C	00203919	May 19, 2022
8	Pre-Amplifier	emci	EMC184045B	980265	Apr. 11, 2022
9	Test Cable	emci	EMC102-SM-SM-800	170335	Apr. 11, 2022
10	Test Cable	emci	EMC102-KM-KM-2500	170627	Apr. 11, 2022
11	MXE EMI Receiver	Keysight	N9038A	MY5640088	Mar. 21, 2022
12	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 29, 2022
2	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyze	Keysight	8990B	MY51000507	Mar. 21, 2022
2	Wideband Power Sensor	Keysight	N1923A	MY58310003	Mar. 21, 2022
3	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

Antenna Conducted Spurious Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 29, 2022
2	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

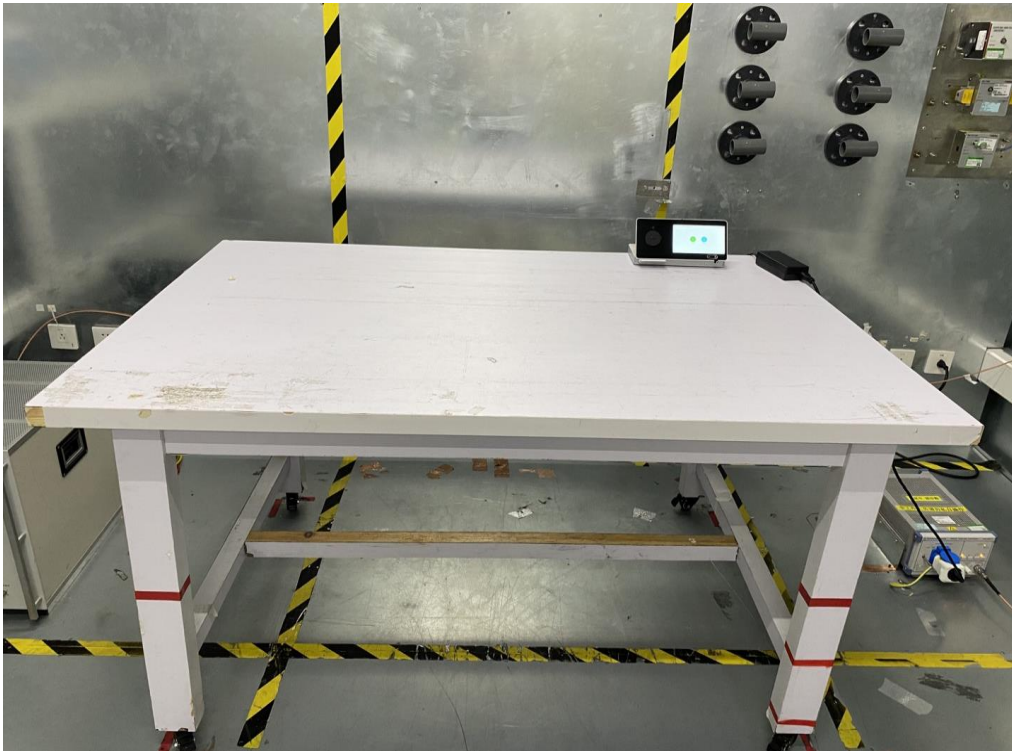
Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May 29, 2022
2	Attenuator	JUK	ATT-2W6G-S-10	N/A	N/A

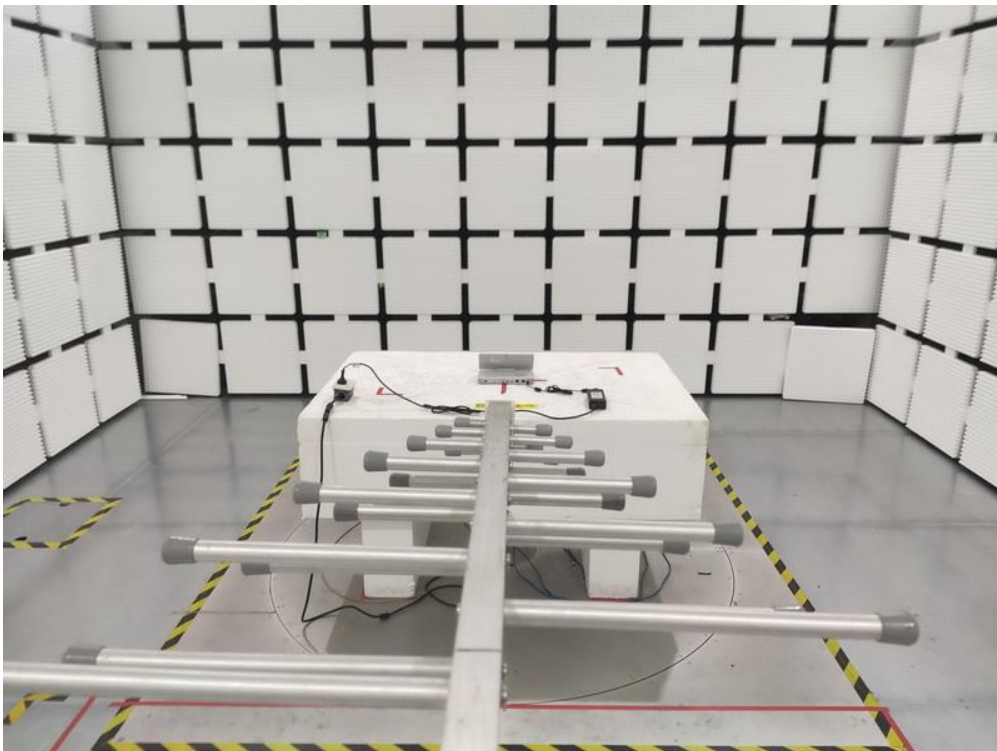
Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

10. EUT TEST PHOTO

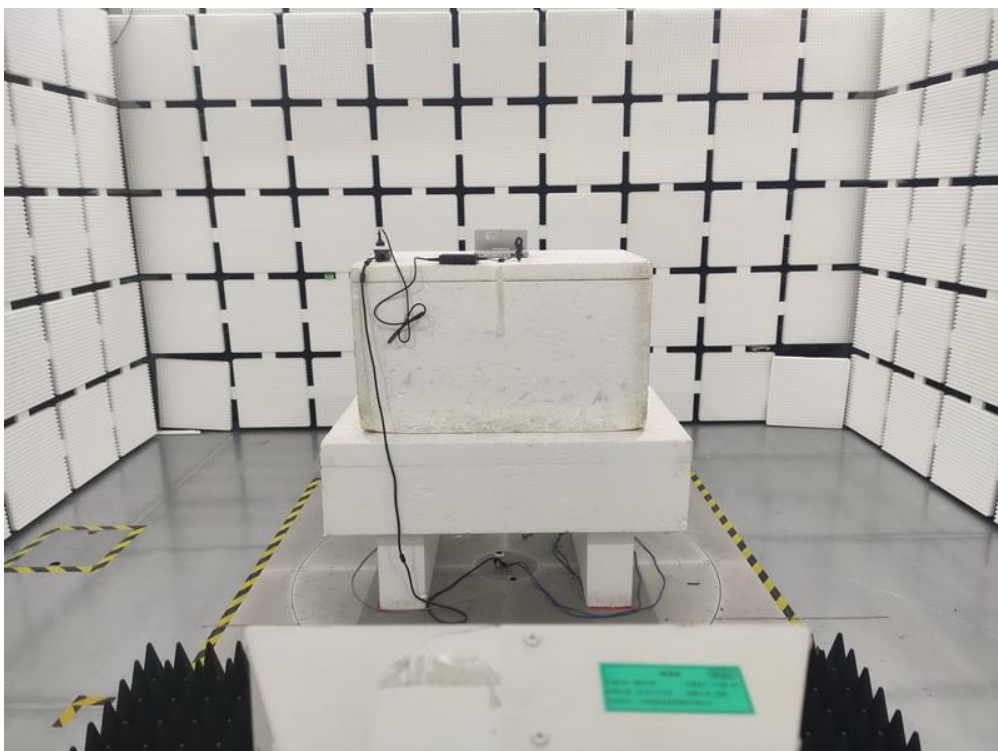
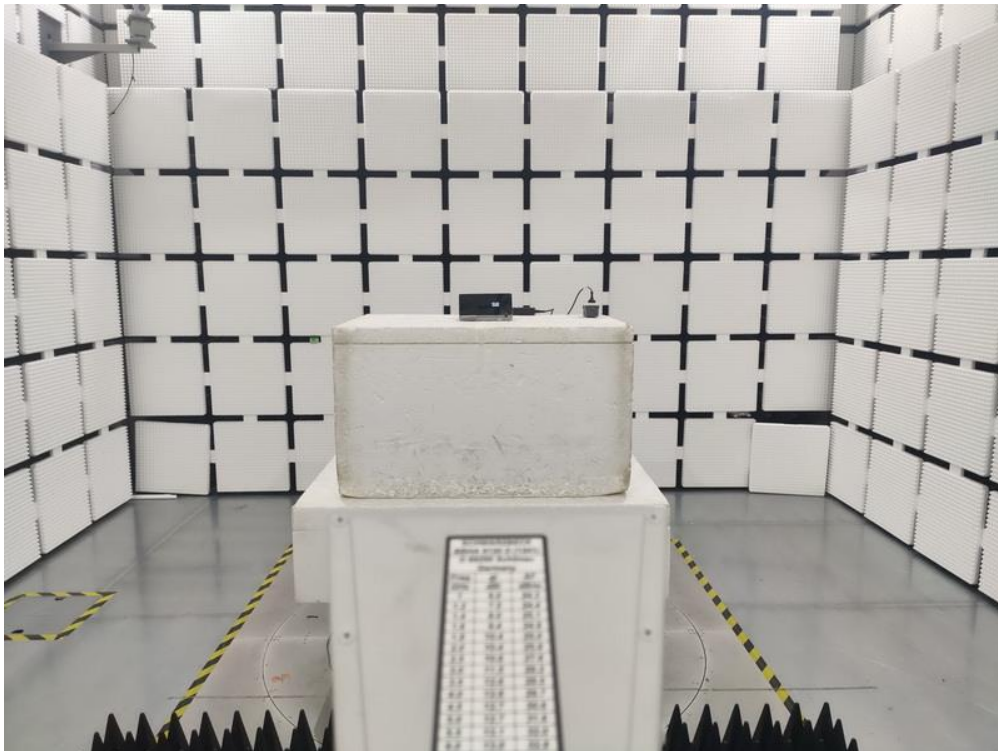
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos**30 MHz to 1 GHz**

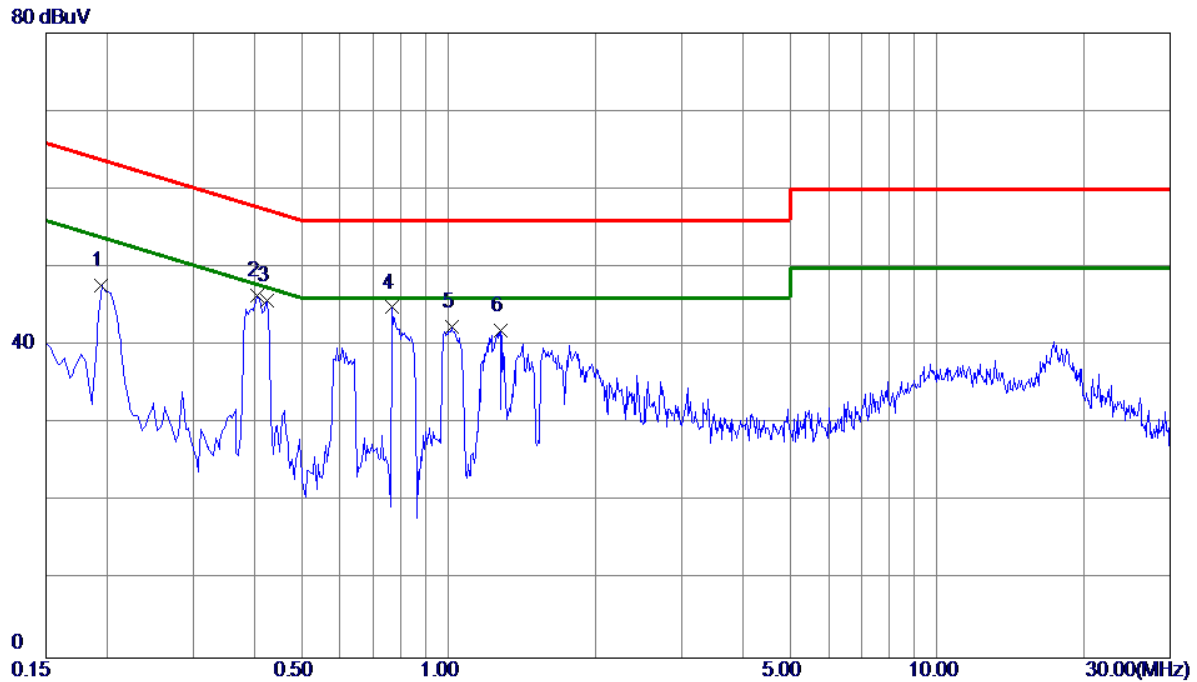
Radiated Emissions Test Photos

Above 1 GHz



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX N(HT40) Mode Channel 09	Phase	Line
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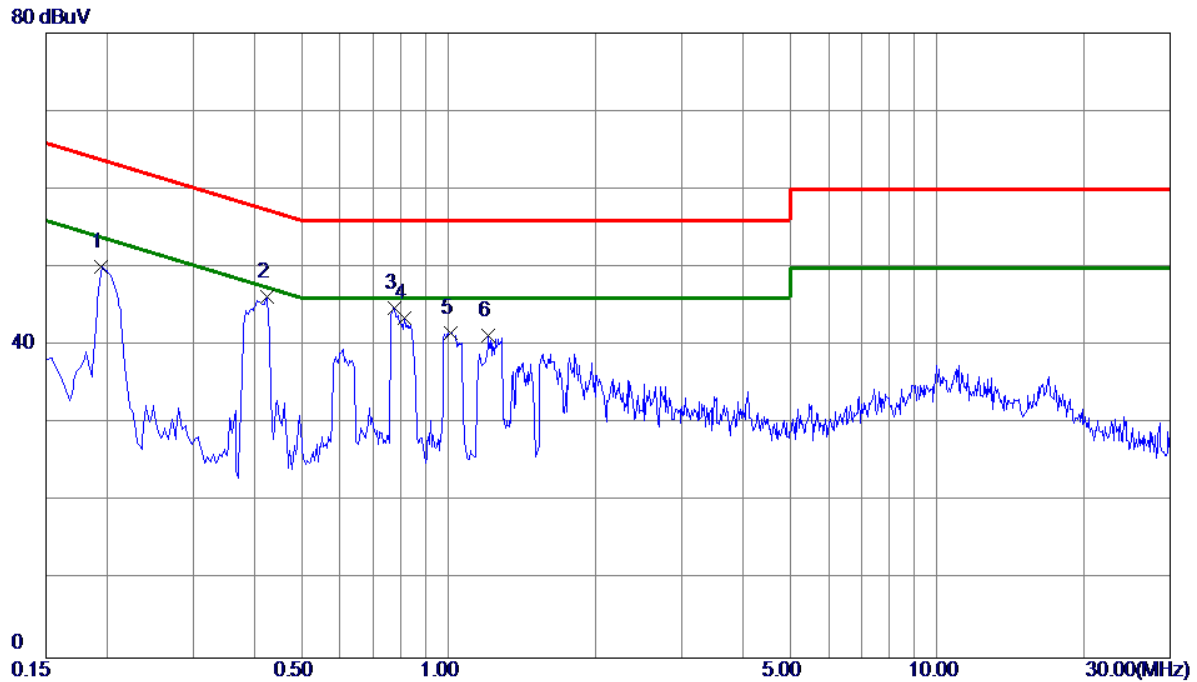


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1949	37.88	9.74	47.62	63.83	-16.21	Peak	
2	0.4065	36.62	9.78	46.40	57.72	-11.32	Peak	
3	0.4245	36.01	9.78	45.79	57.36	-11.57	Peak	
4 *	0.7665	35.06	9.82	44.88	56.00	-11.12	Peak	
5	1.0140	32.57	9.84	42.41	56.00	-13.59	Peak	
6	1.2750	32.01	9.86	41.87	56.00	-14.13	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode Channel 09	Phase	Neutral
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No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1949	40.43	9.71	50.14	63.83	-13.69	Peak	
2 *	0.4245	36.52	9.76	46.28	57.36	-11.08	Peak	
3	0.7755	35.04	9.81	44.85	56.00	-11.15	Peak	
4	0.8115	33.75	9.81	43.56	56.00	-12.44	Peak	
5	1.0095	31.82	9.82	41.64	56.00	-14.36	Peak	
6	1.2075	31.39	9.83	41.22	56.00	-14.78	Peak	

REMARKS:

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

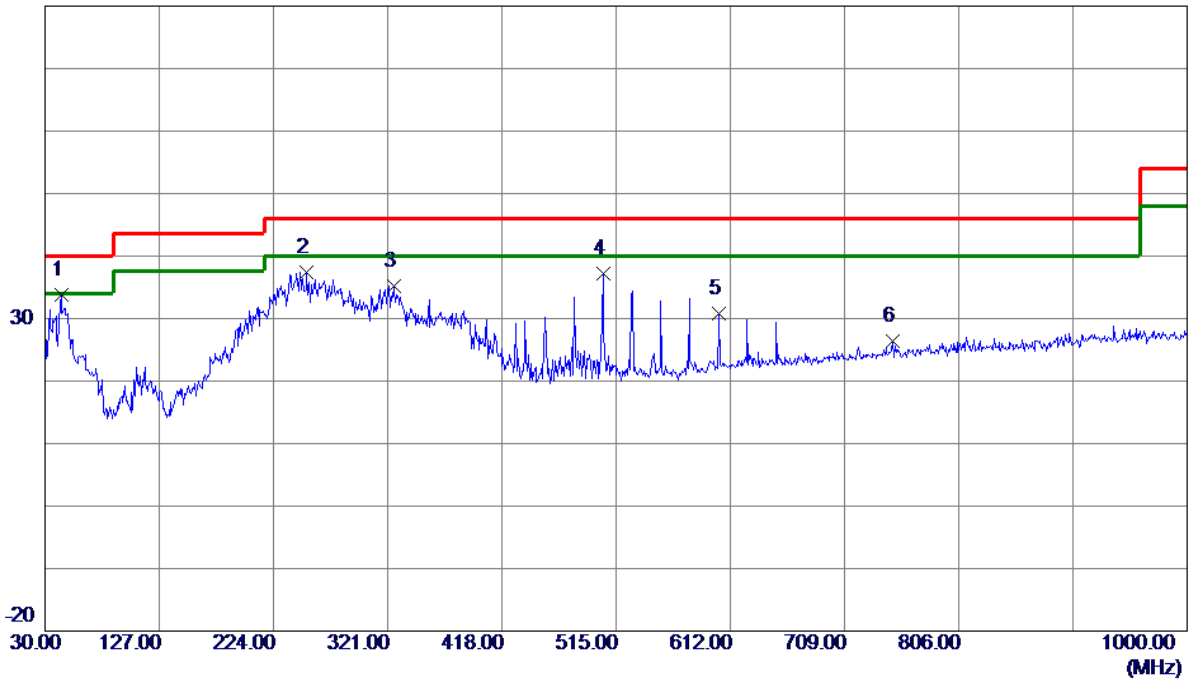
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Note: The measured value have enough margin over 20dB than the limit, therefore they are not reported.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX N(HT40) Mode Channel 09	Polarization	Vertical
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80 dBuV/m



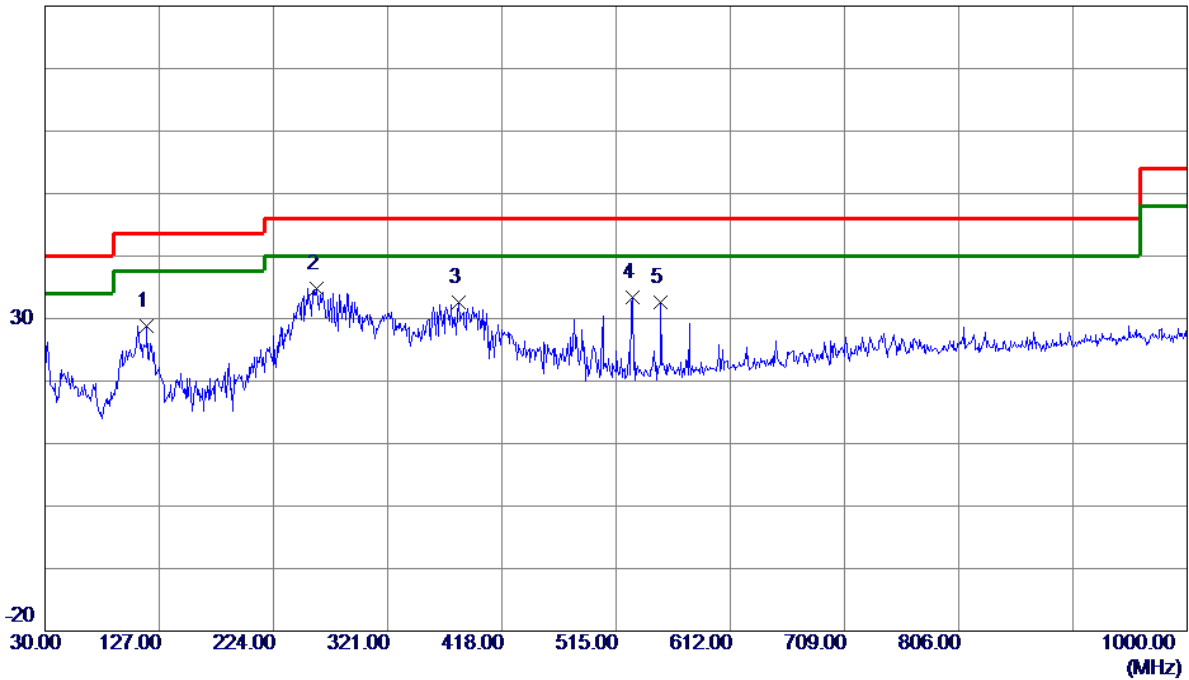
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	43.5800	50.83	-17.03	33.80	40.00	-6.20	Peak	
2	252.1300	54.68	-17.30	37.38	46.00	-8.62	Peak	
3	325.8500	50.14	-14.92	35.22	46.00	-10.78	Peak	
4	503.8450	48.39	-11.15	37.24	46.00	-8.76	Peak	
5	602.3000	39.97	-9.14	30.83	46.00	-15.17	Peak	
6	750.2250	33.71	-7.23	26.48	46.00	-19.52	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode Channel 09	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	116.3300	47.87	-19.07	28.80	43.50	-14.70	Peak	
2 *	260.8599	51.92	-17.03	34.89	46.00	-11.11	Peak	
3	381.6250	46.37	-13.71	32.66	46.00	-13.34	Peak	
4	528.5800	44.19	-10.79	33.40	46.00	-12.60	Peak	
5	552.8300	43.02	-10.43	32.59	46.00	-13.41	Peak	

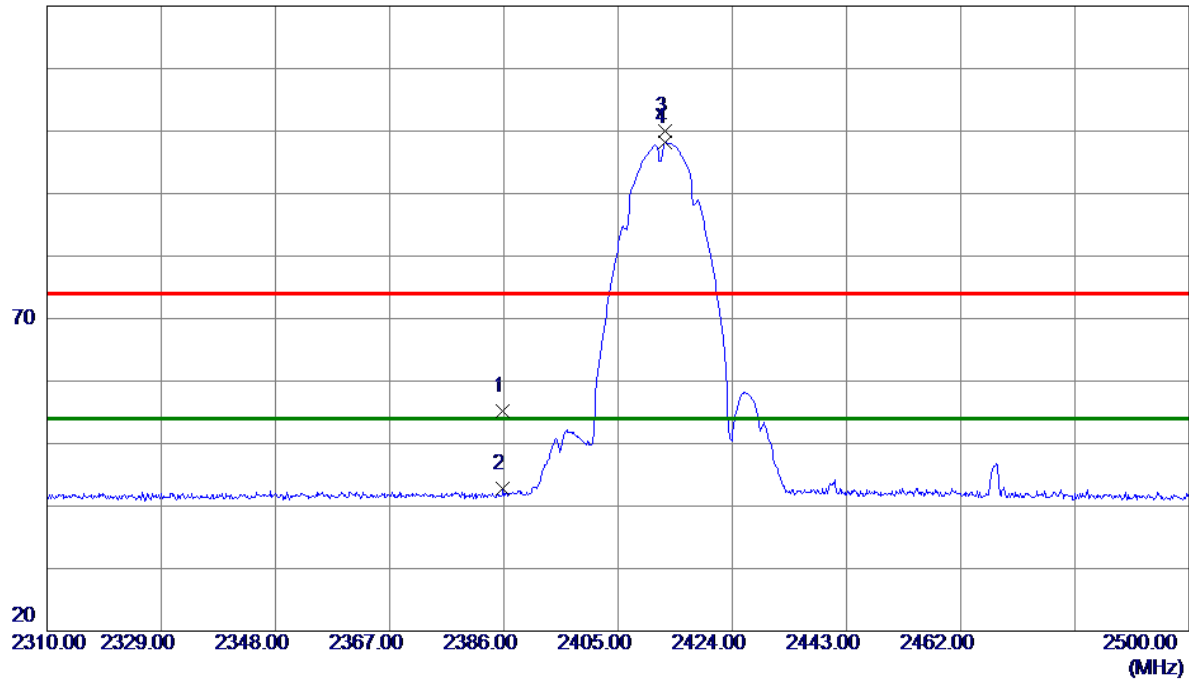
REMARKS:

- (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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120 dBuV/m



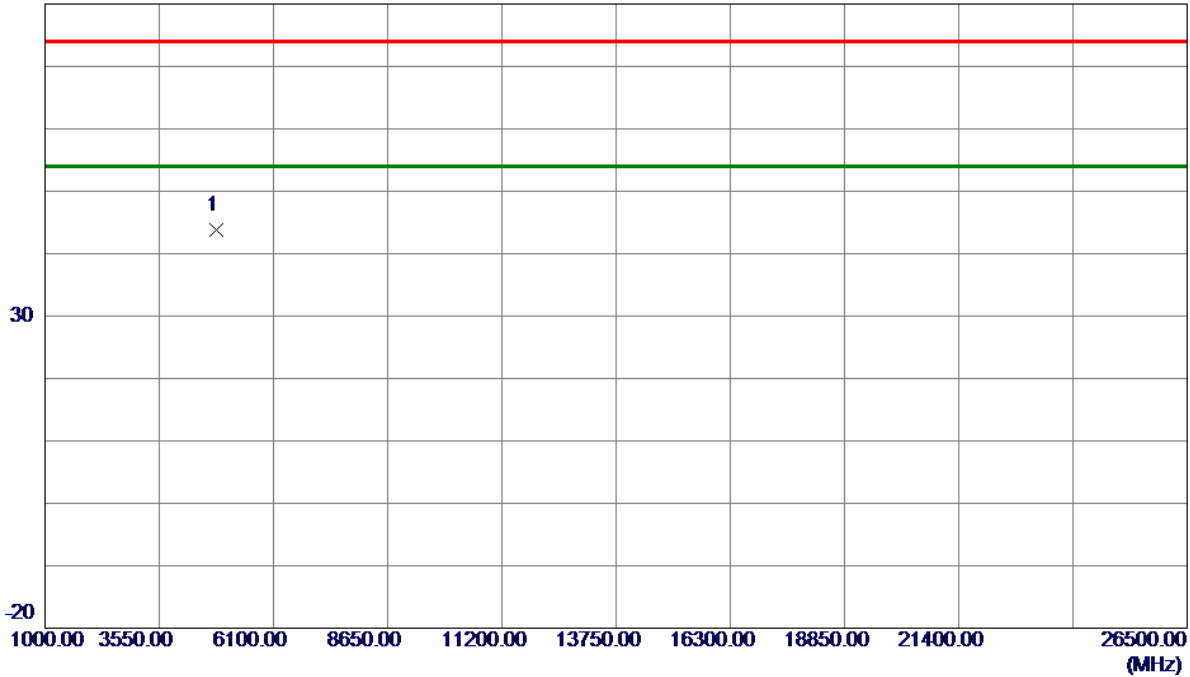
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2385.8100	23.41	31.75	55.16	74.00	-18.84	Peak	
2	2385.8100	11.09	31.75	42.84	54.00	-11.16	AVG	
3	2412.8850	68.30	31.72	100.02	74.00	26.02	Peak	No limit
4 *	2412.8850	66.49	31.72	98.21	54.00	44.21	AVG	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



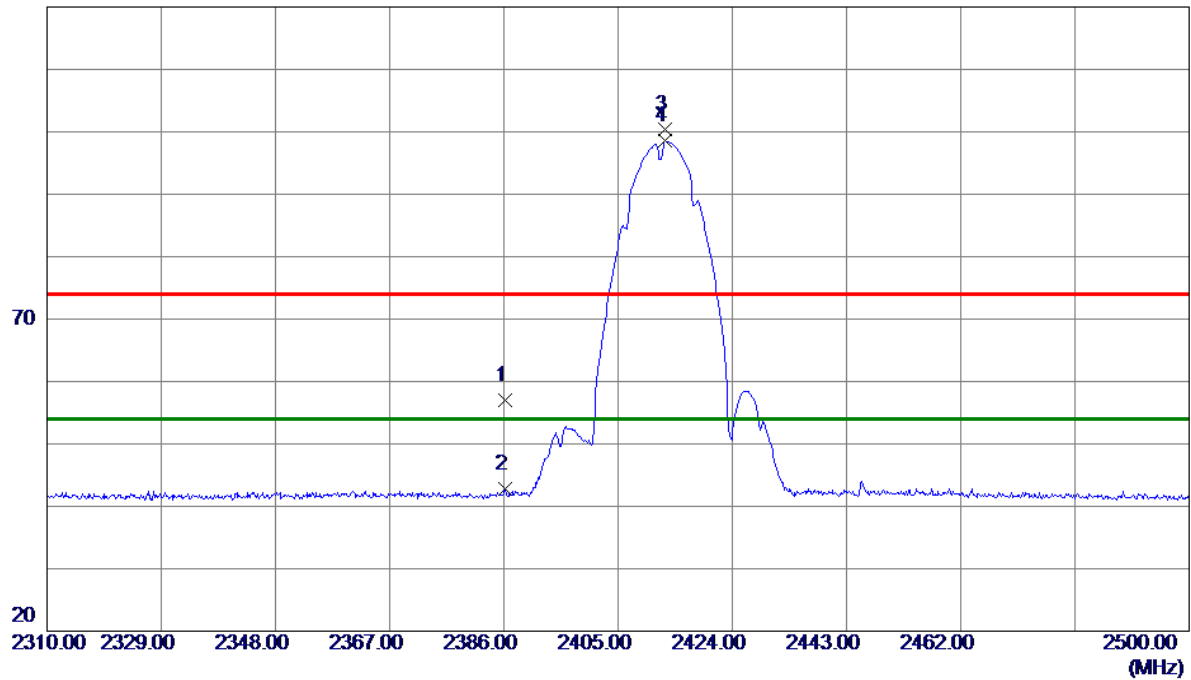
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0000	60.71	-16.98	43.73	74.00	-30.27	Peak	

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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120 dBuV/m



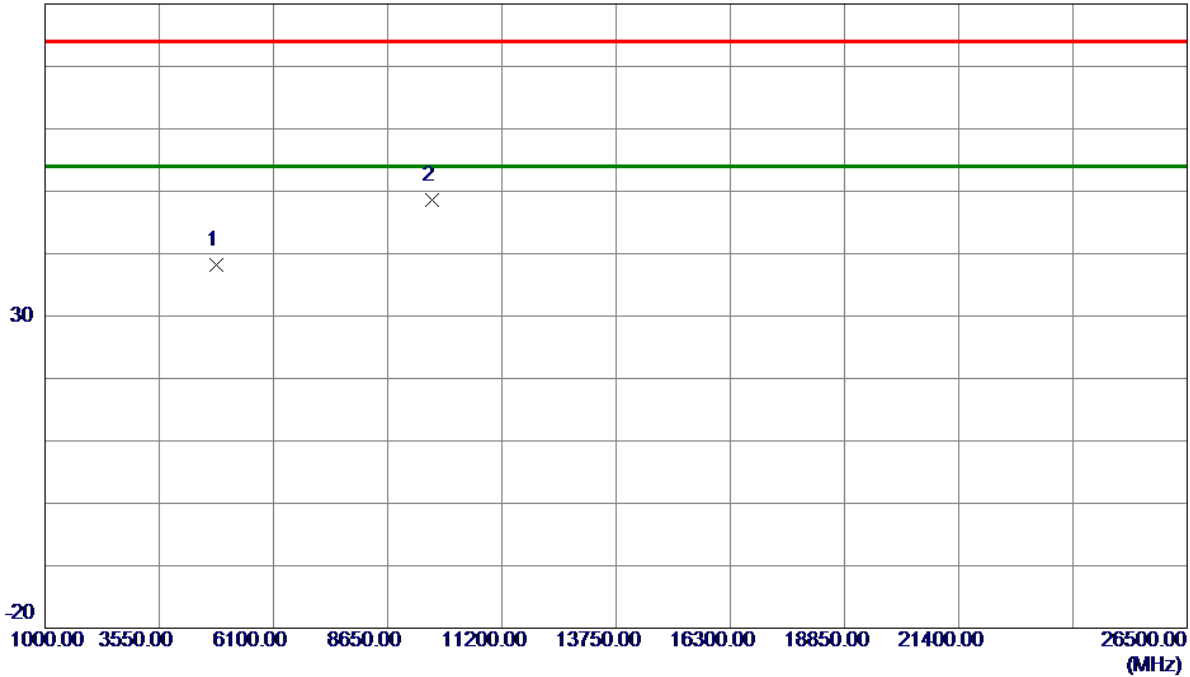
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.1900	25.20	31.75	56.95	74.00	-17.05	Peak	
2	2386.1900	11.10	31.75	42.85	54.00	-11.15	AVG	
3	2412.8850	68.73	31.72	100.45	74.00	26.45	Peak	No limit
4 *	2412.8850	66.79	31.72	98.51	54.00	44.51	AVG	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	4824.0000	55.11	-16.98	38.13	74.00	-35.87	Peak	
2 *	9648.3250	59.21	-10.57	48.64	74.00	-25.36	Peak	

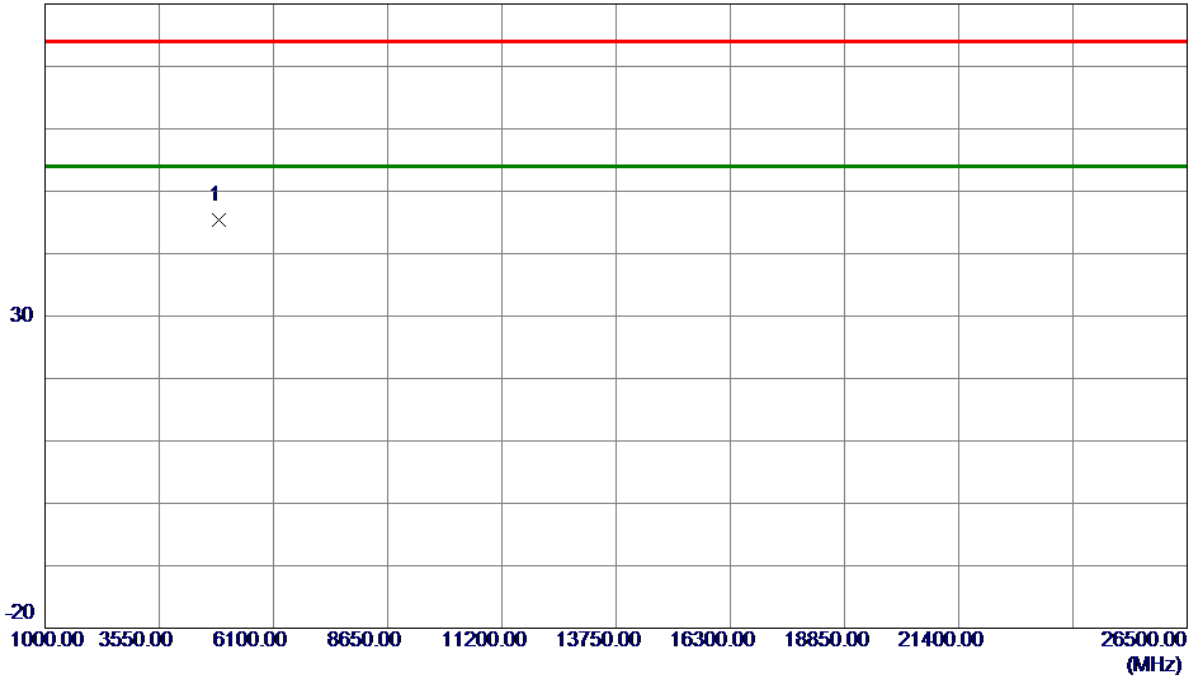
REMARKS:

(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



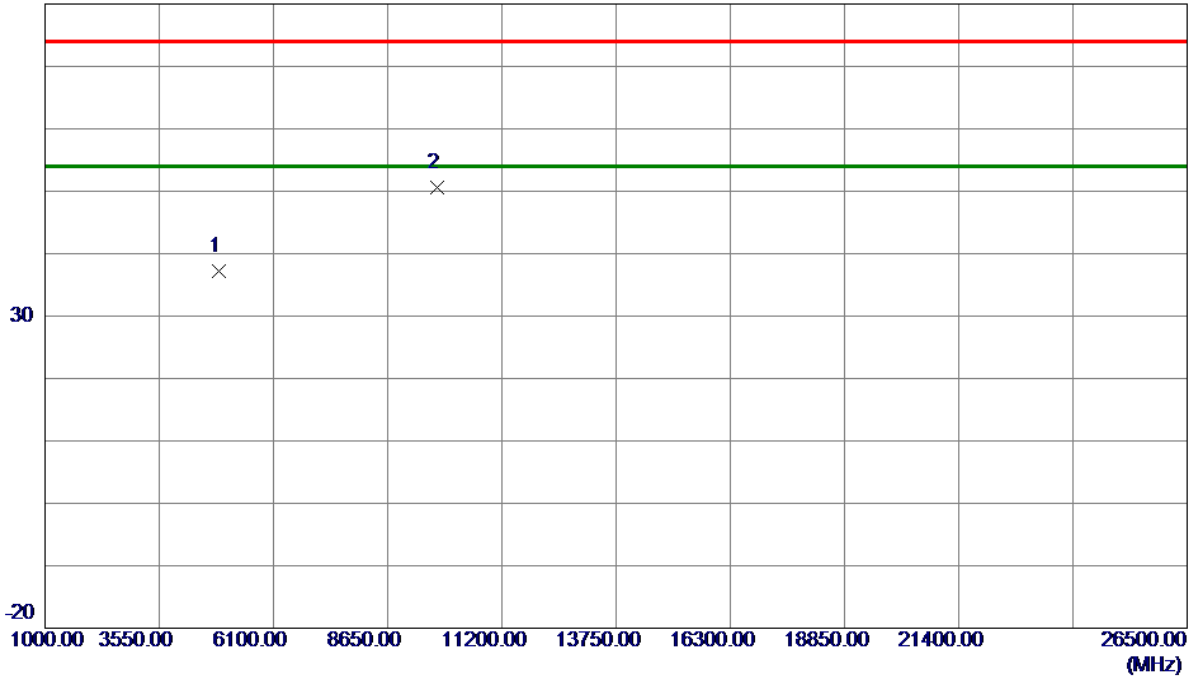
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	62.22	-16.91	45.31	74.00	-28.69	Peak	

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	4874.0000	54.03	-16.91	37.12	74.00	-36.88	Peak	
2 *	9747.7750	60.89	-10.25	50.64	74.00	-23.36	Peak	

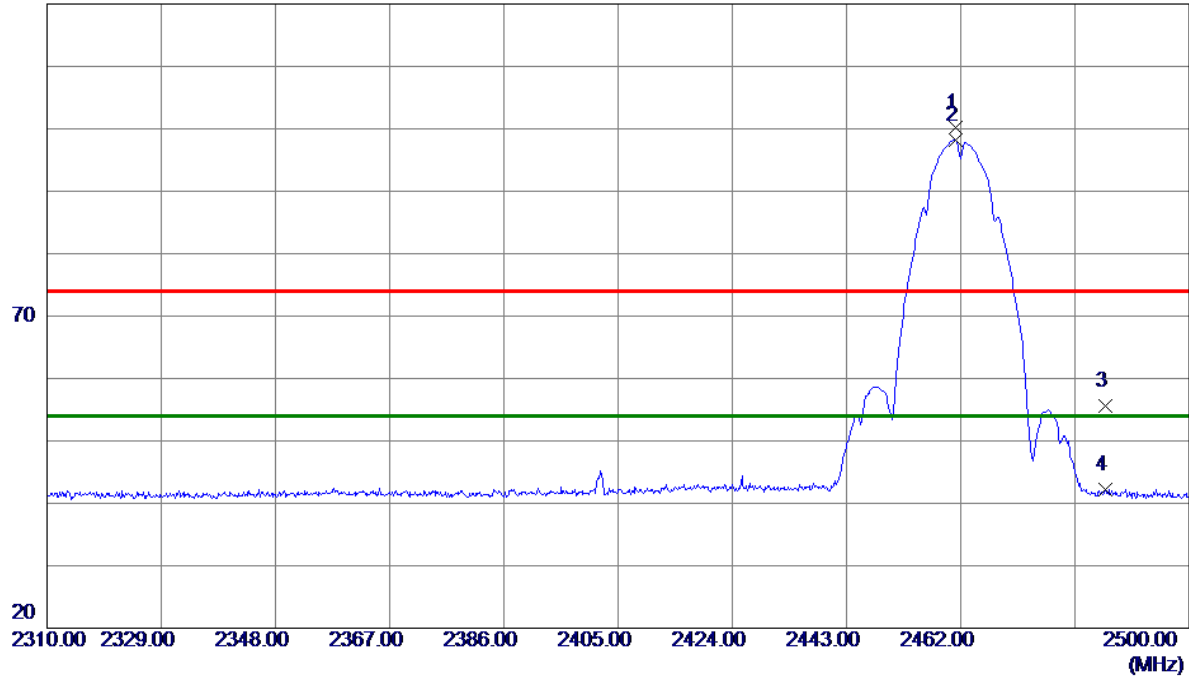
REMARKS:

(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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120 dBuV/m



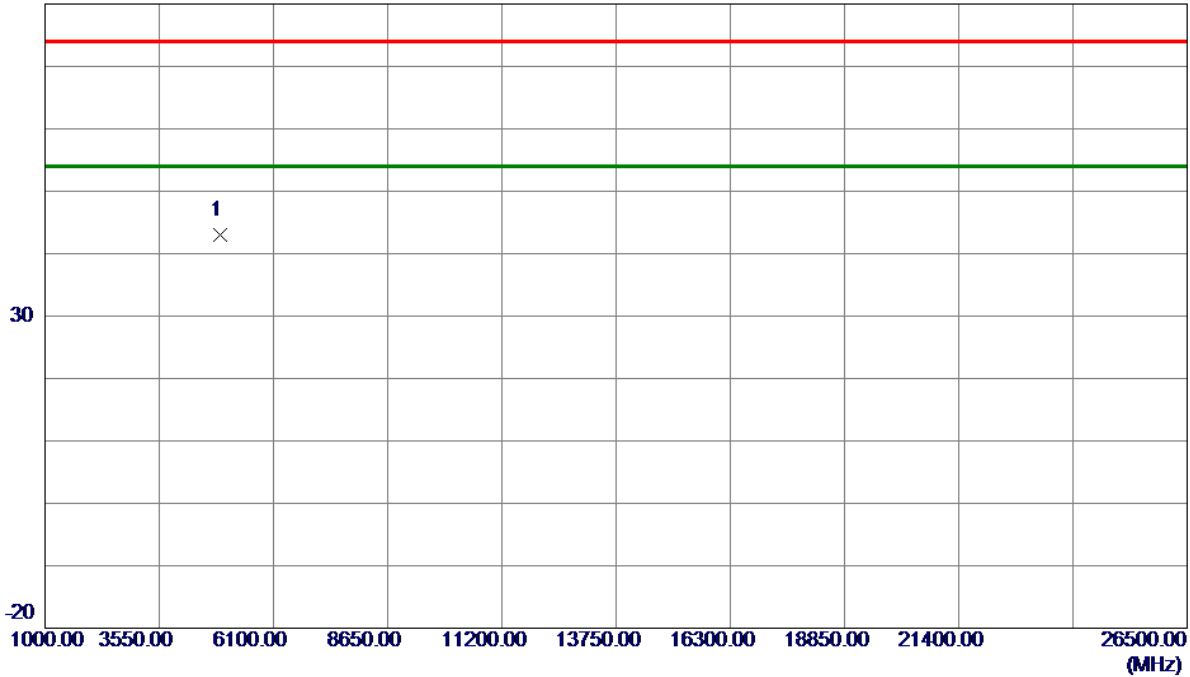
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.2400	68.43	31.71	100.14	74.00	26.14	Peak	No limit
2 *	2461.2400	66.53	31.71	98.24	54.00	44.24	AVG	No limit
3	2486.0350	23.88	31.71	55.59	74.00	-18.41	Peak	
4	2486.0350	10.48	31.71	42.19	54.00	-11.81	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



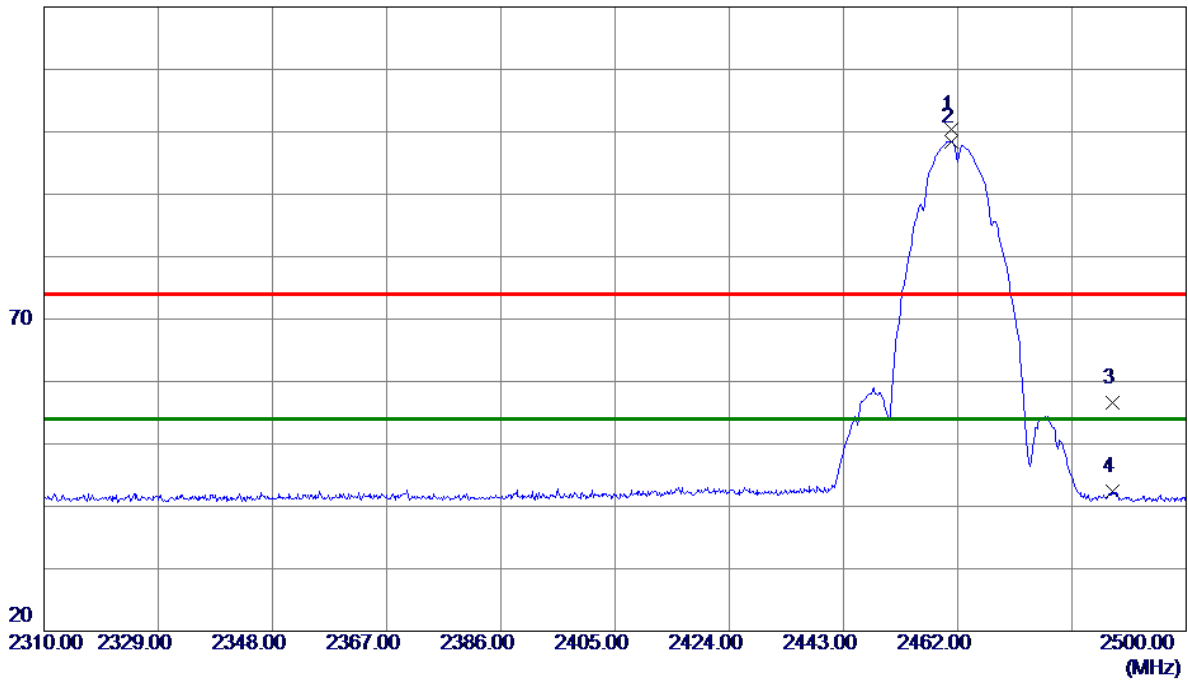
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	59.80	-16.77	43.03	74.00	-30.97	Peak	

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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120 dBuV/m



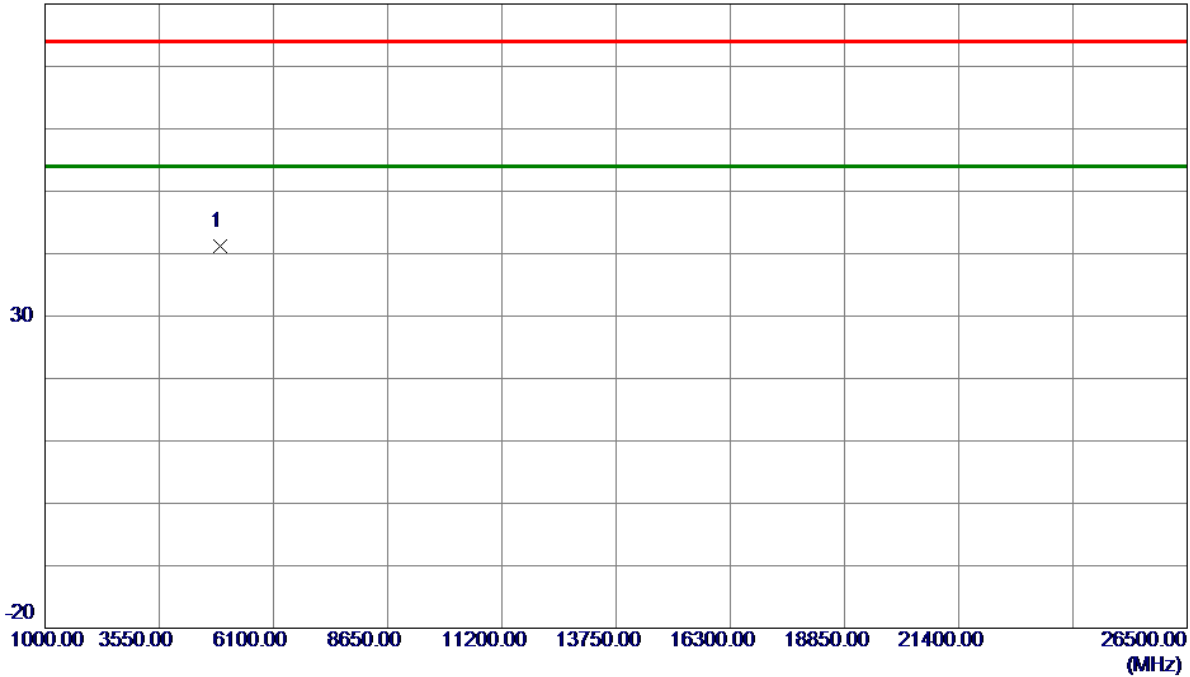
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.8600	68.72	31.71	100.43	74.00	26.43	Peak	No limit
2 *	2460.8600	66.74	31.71	98.45	54.00	44.45	AVG	No limit
3	2487.6500	24.91	31.71	56.62	74.00	-17.38	Peak	
4	2487.6500	10.66	31.71	42.37	54.00	-11.63	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



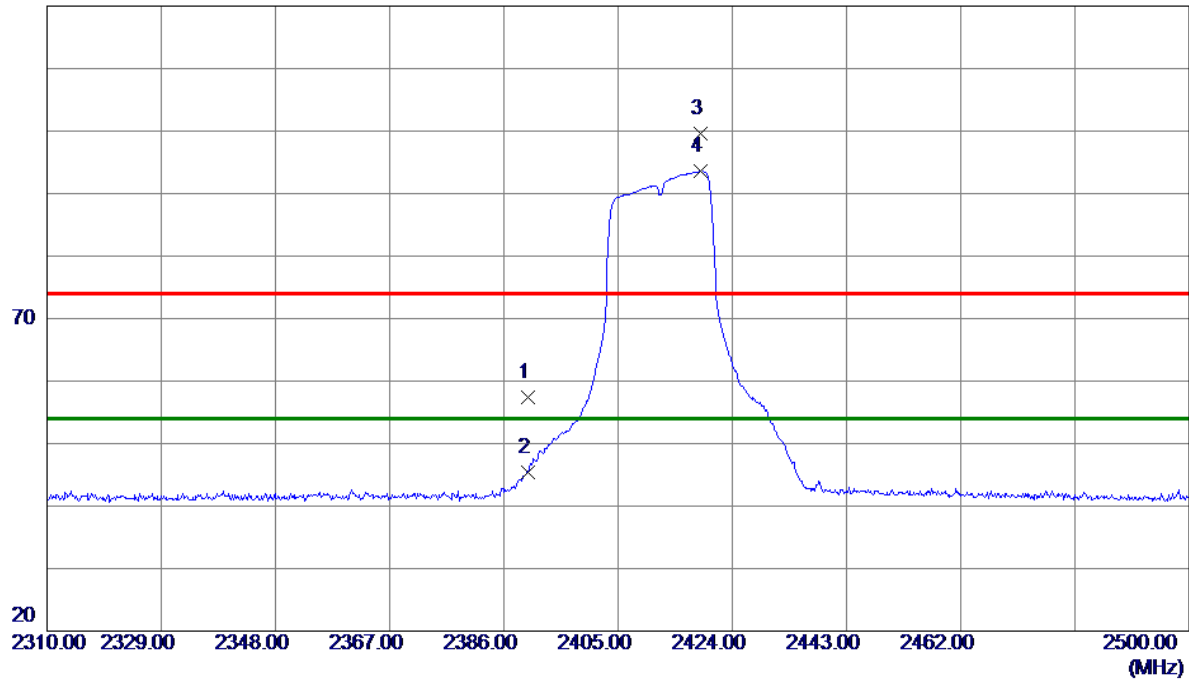
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	57.98	-16.77	41.21	74.00	-32.79	Peak	

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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120 dBuV/m



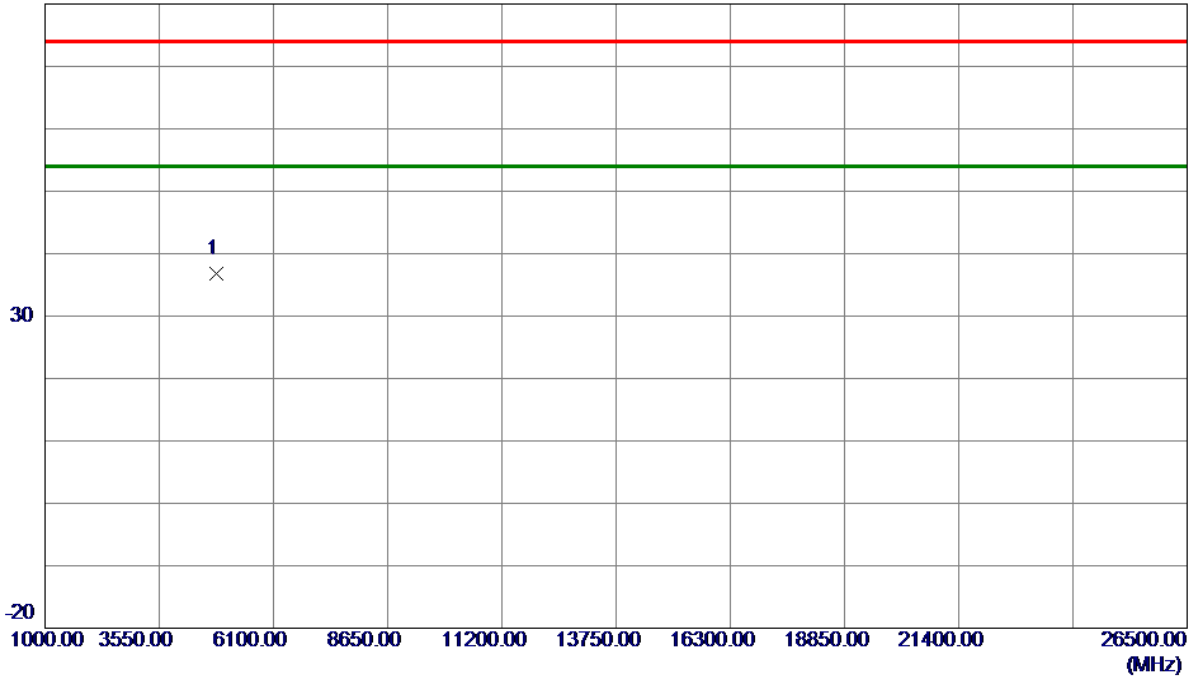
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	25.65	31.74	57.39	74.00	-16.61	Peak	
2	2390.0000	13.70	31.74	45.44	54.00	-8.56	AVG	
3	2418.7750	67.92	31.72	99.64	74.00	25.64	Peak	No limit
4 *	2418.7750	61.92	31.72	93.64	54.00	39.64	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



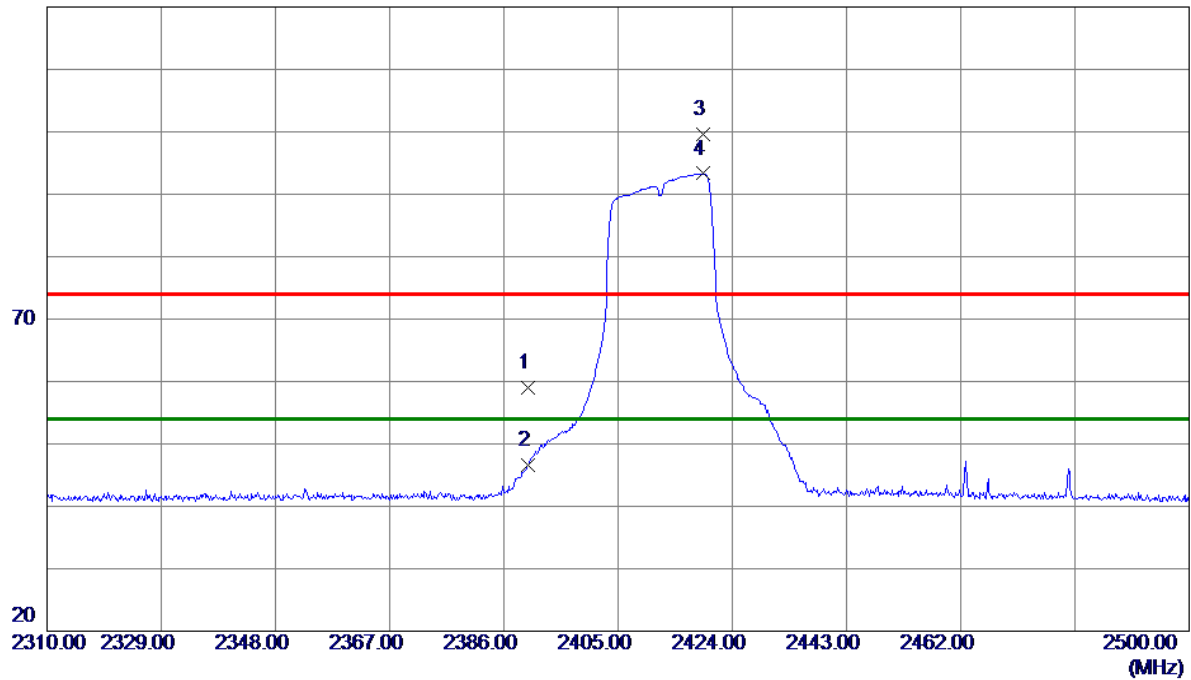
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0000	53.81	-16.98	36.83	74.00	-37.17	Peak	

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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120 dBuV/m



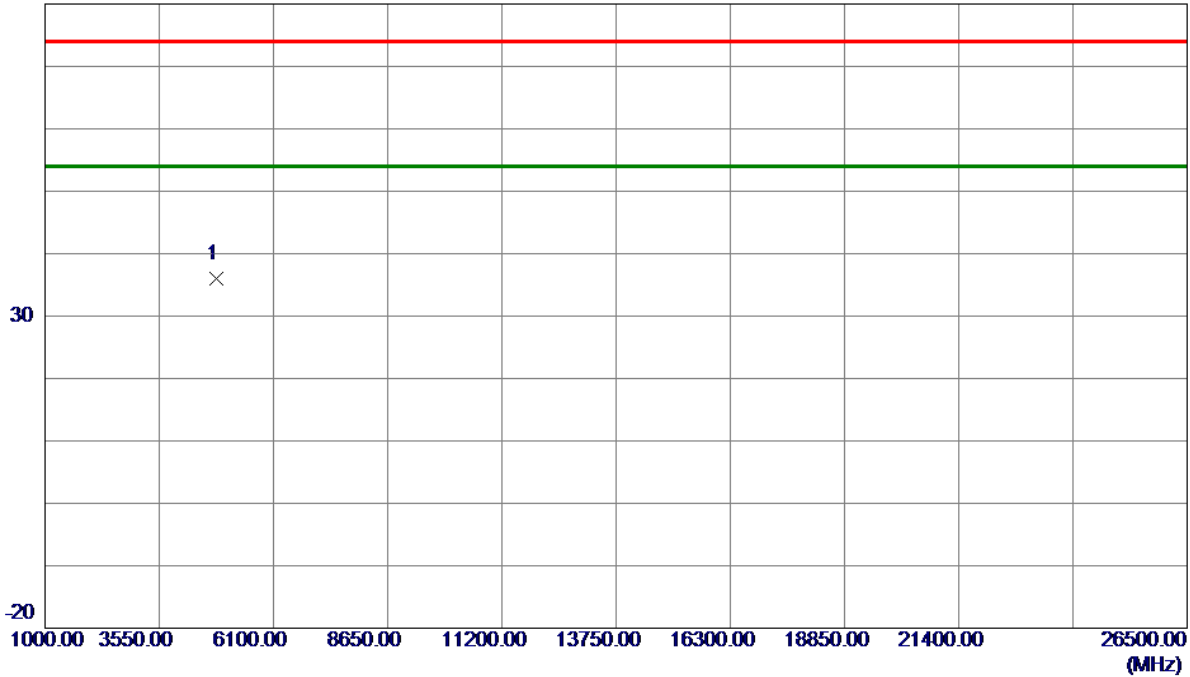
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	27.27	31.74	59.01	74.00	-14.99	Peak	
2	2390.0000	14.86	31.74	46.60	54.00	-7.40	AVG	
3	2419.0600	67.90	31.72	99.62	74.00	25.62	Peak	No limit
4 *	2419.0600	61.58	31.72	93.30	54.00	39.30	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	Horizontal
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80 dBuV/m



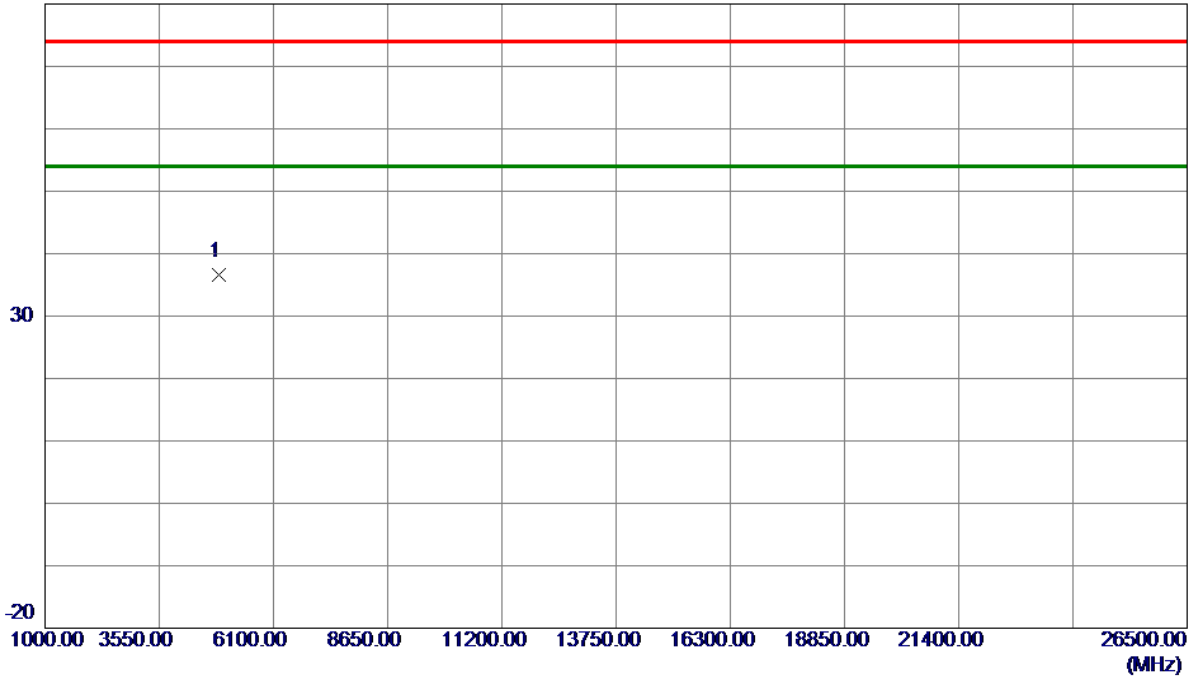
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0000	53.05	-16.98	36.07	74.00	-37.93	Peak	

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



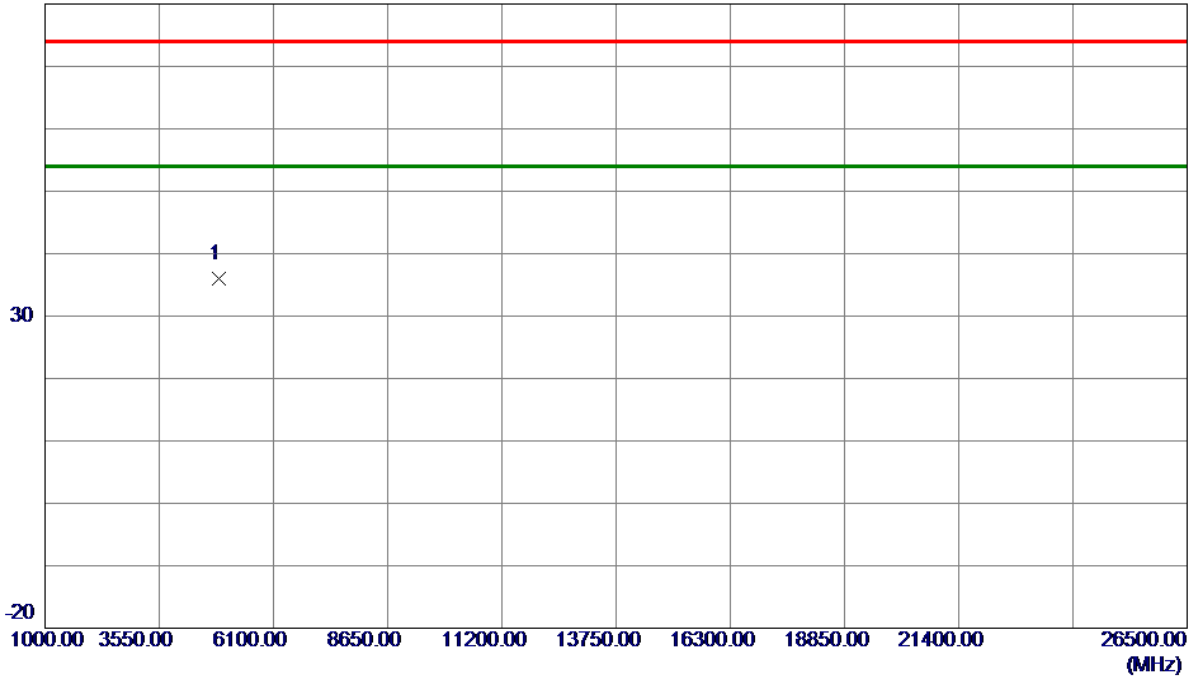
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	53.41	-16.91	36.50	74.00	-37.50	Peak	

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



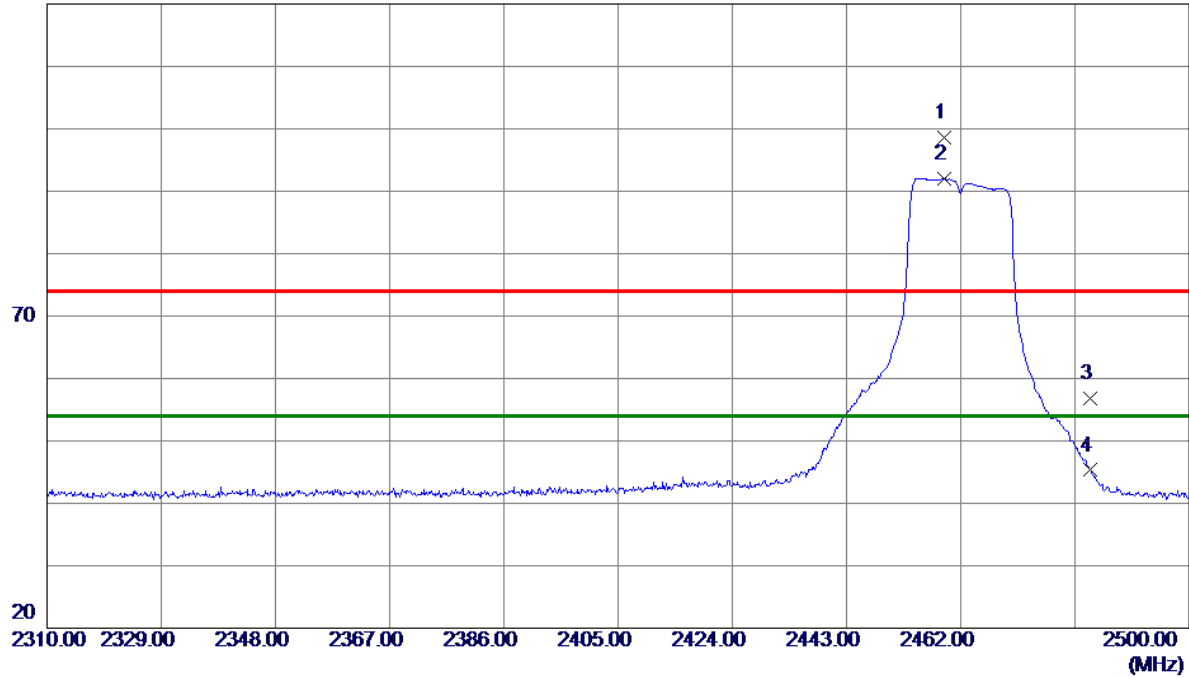
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	52.88	-16.91	35.97	74.00	-38.03	Peak	

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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120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2459.2450	66.83	31.71	98.54	74.00	24.54	Peak	No limit
2 *	2459.2450	60.32	31.71	92.03	54.00	38.03	AVG	No limit
3	2483.5000	25.12	31.71	56.83	74.00	-17.17	Peak	
4	2483.5000	13.59	31.71	45.30	54.00	-8.70	AVG	

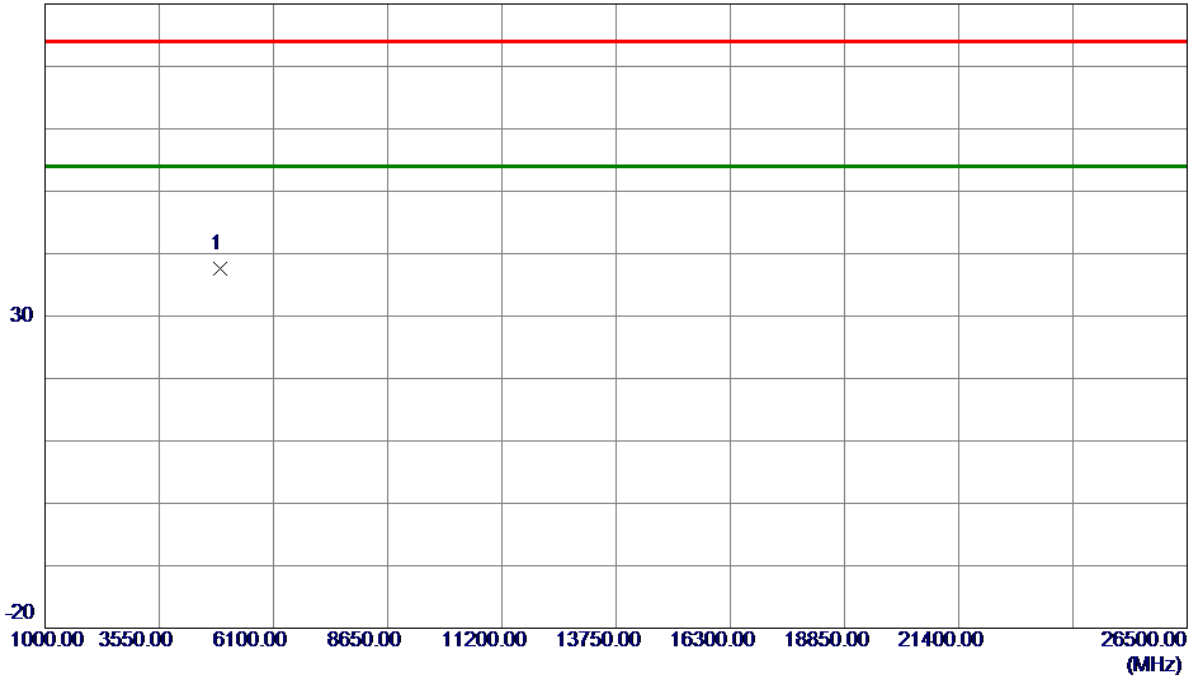
REMARKS:

(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



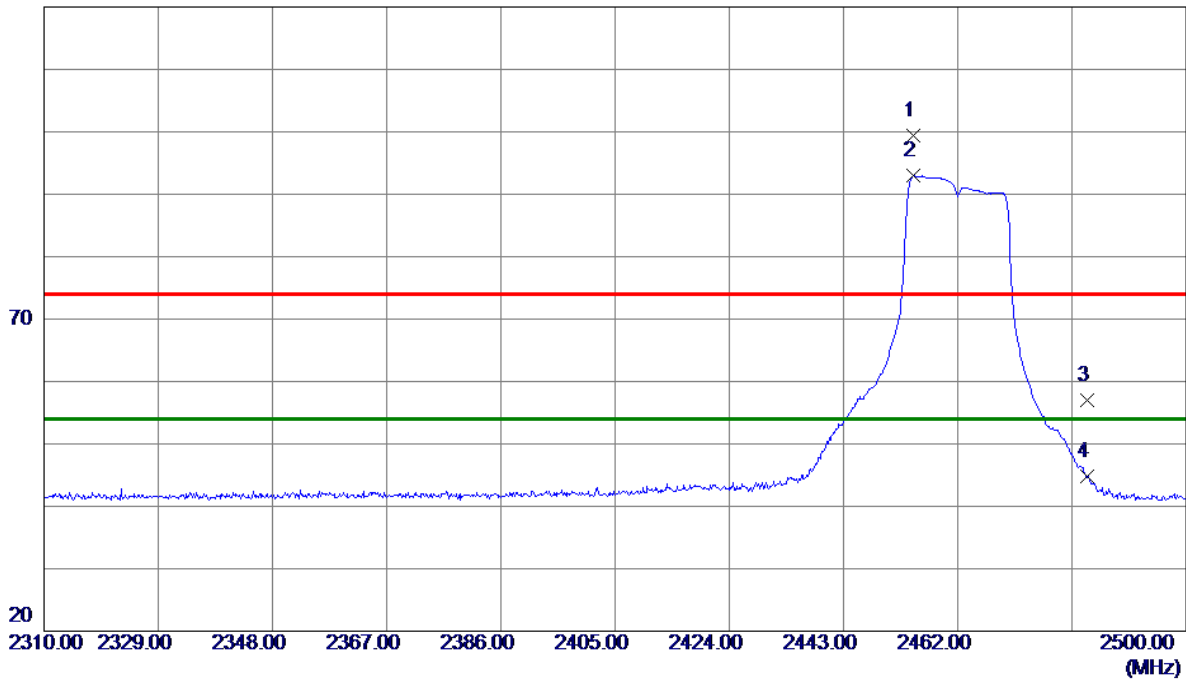
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	54.38	-16.77	37.61	74.00	-36.39	Peak	

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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120 dBuV/m



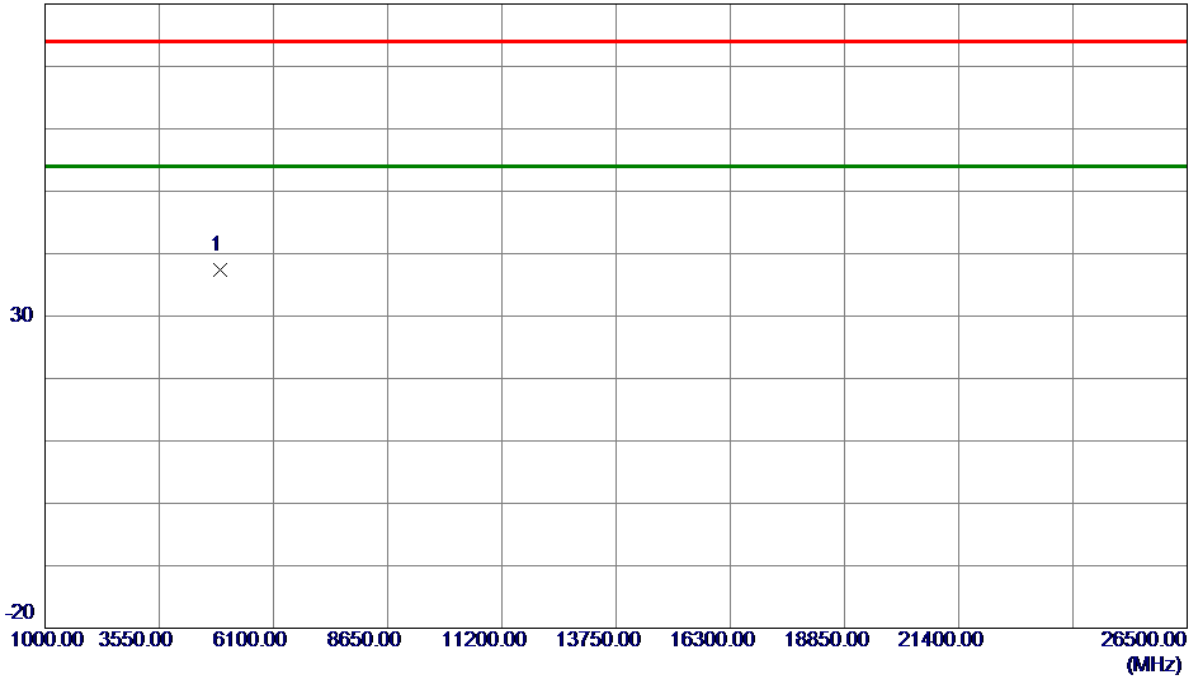
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2454.6850	67.64	31.71	99.35	74.00	25.35	Peak	No limit
2 *	2454.6850	61.23	31.71	92.94	54.00	38.94	AVG	No limit
3	2483.5000	25.32	31.71	57.03	74.00	-16.97	Peak	
4	2483.5000	13.11	31.71	44.82	54.00	-9.18	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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80 dBuV/m



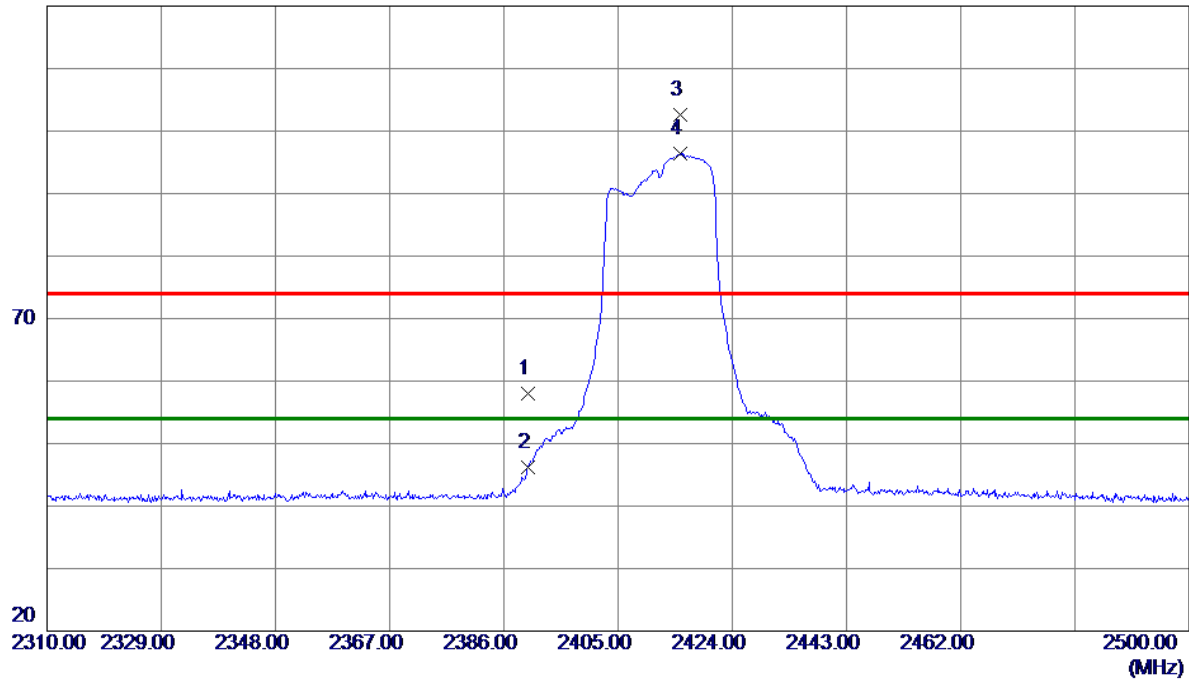
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	54.25	-16.77	37.48	74.00	-36.52	Peak	

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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120 dBuV/m



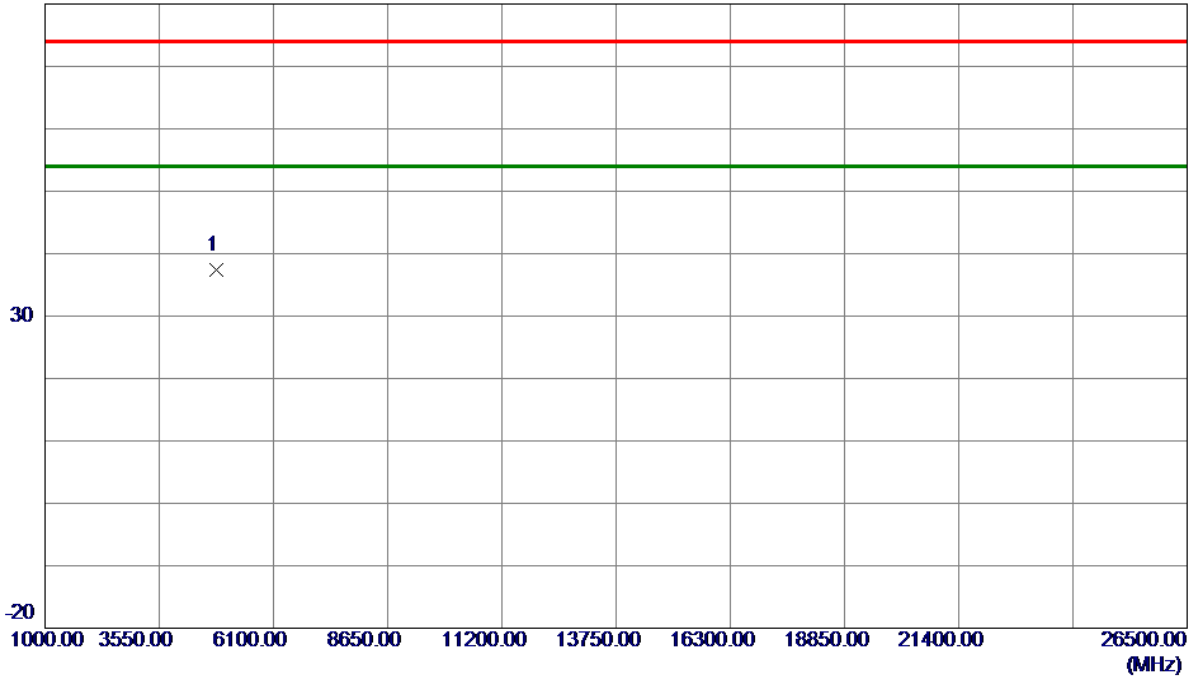
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	26.31	31.74	58.05	74.00	-15.95	Peak	
2	2390.0000	14.52	31.74	46.26	54.00	-7.74	AVG	
3	2415.4500	70.83	31.72	102.55	74.00	28.55	Peak	No limit
4 *	2415.4500	64.60	31.72	96.32	54.00	42.32	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	Vertical
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80 dBuV/m



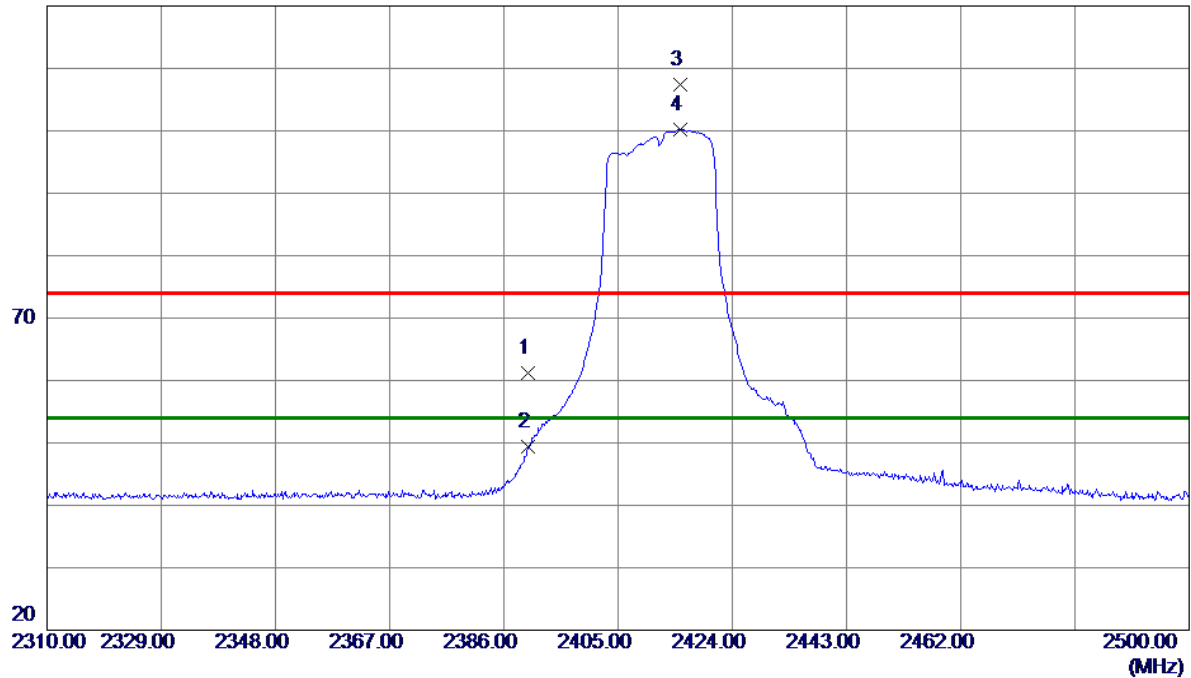
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0000	54.37	-16.98	37.39	74.00	-36.61	Peak	

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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120 dBuV/m



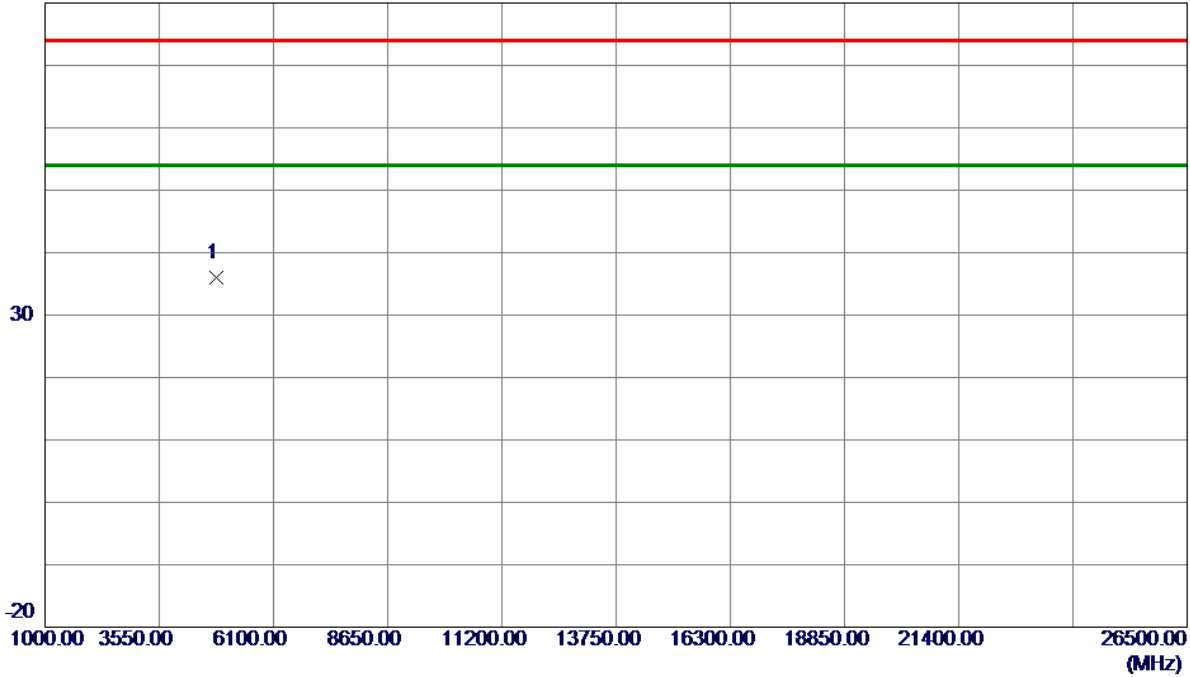
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	29.43	31.74	61.17	74.00	-12.83	Peak	
2	2390.0000	17.59	31.74	49.33	54.00	-4.67	AVG	
3	2415.4500	75.69	31.72	107.41	74.00	33.41	Peak	No limit
4 *	2415.4500	68.55	31.72	100.27	54.00	46.27	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



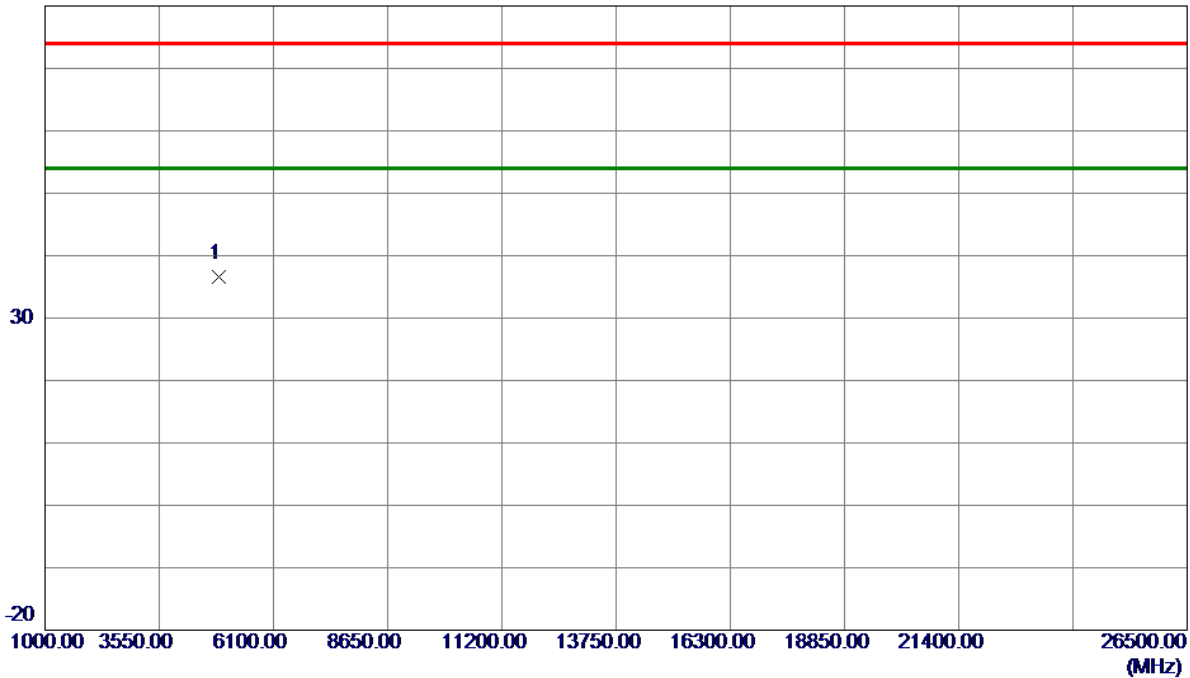
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0000	53.00	-16.98	36.02	74.00	-37.98	Peak	

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



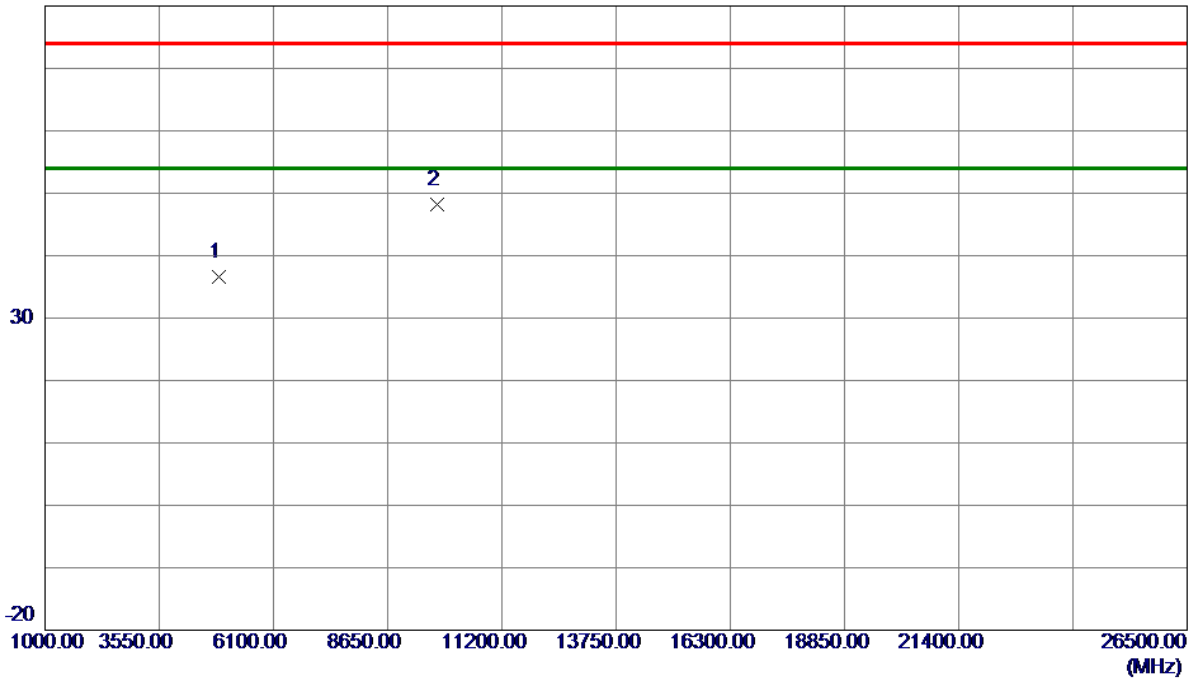
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	53.41	-16.91	36.50	74.00	-37.50	Peak	

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



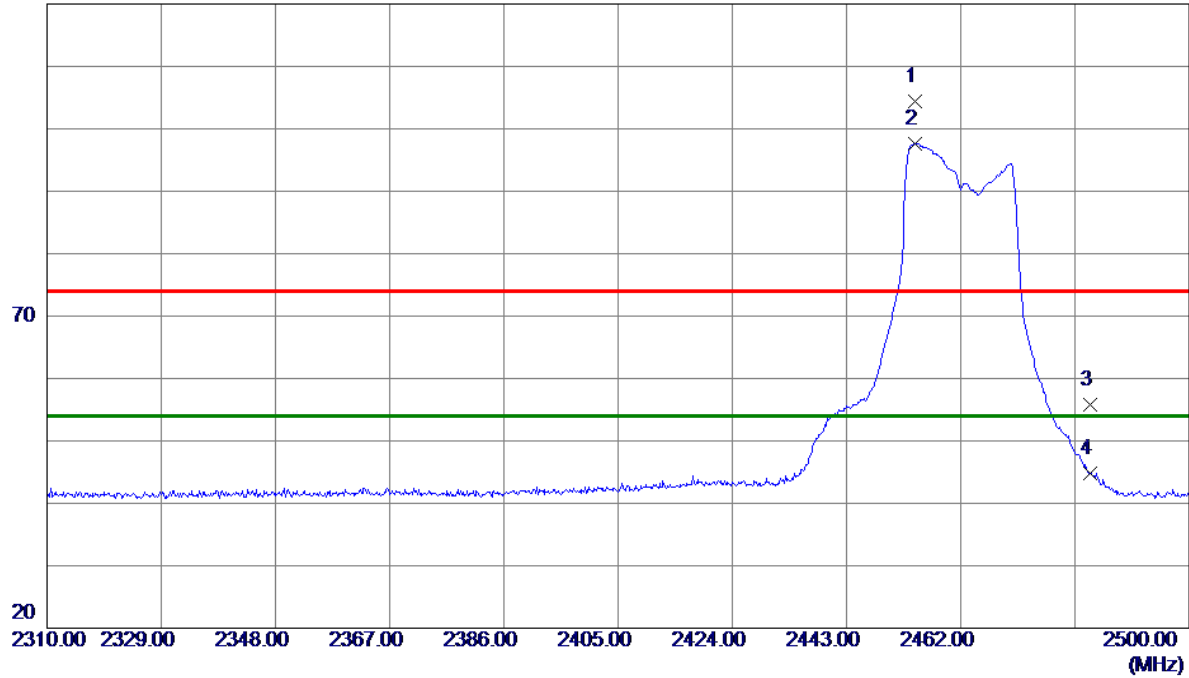
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4874.0000	53.52	-16.91	36.61	74.00	-37.39	Peak	
2 *	9747.7750	58.46	-10.25	48.21	74.00	-25.79	Peak	

REMARKS:

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2454.4950	72.70	31.71	104.41	74.00	30.41	Peak	No limit
2 *	2454.4950	65.93	31.71	97.64	54.00	43.64	AVG	No limit
3	2483.5000	24.00	31.71	55.71	74.00	-18.29	Peak	
4	2483.5000	13.14	31.71	44.85	54.00	-9.15	AVG	

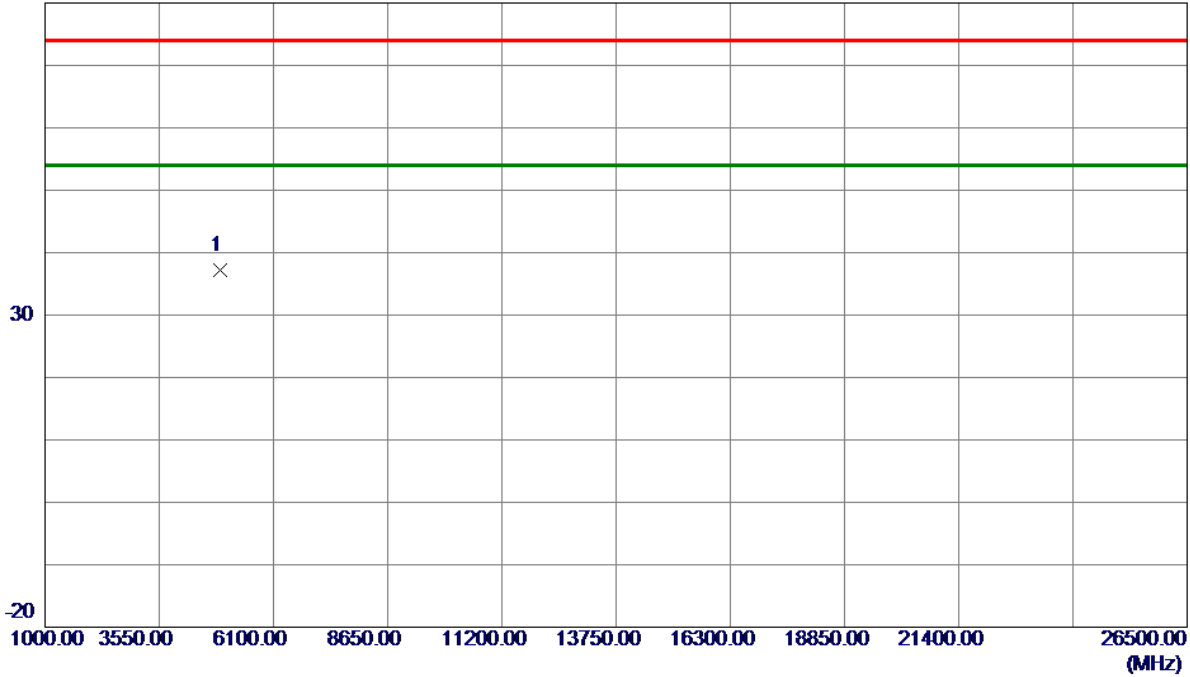
REMARKS:

(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



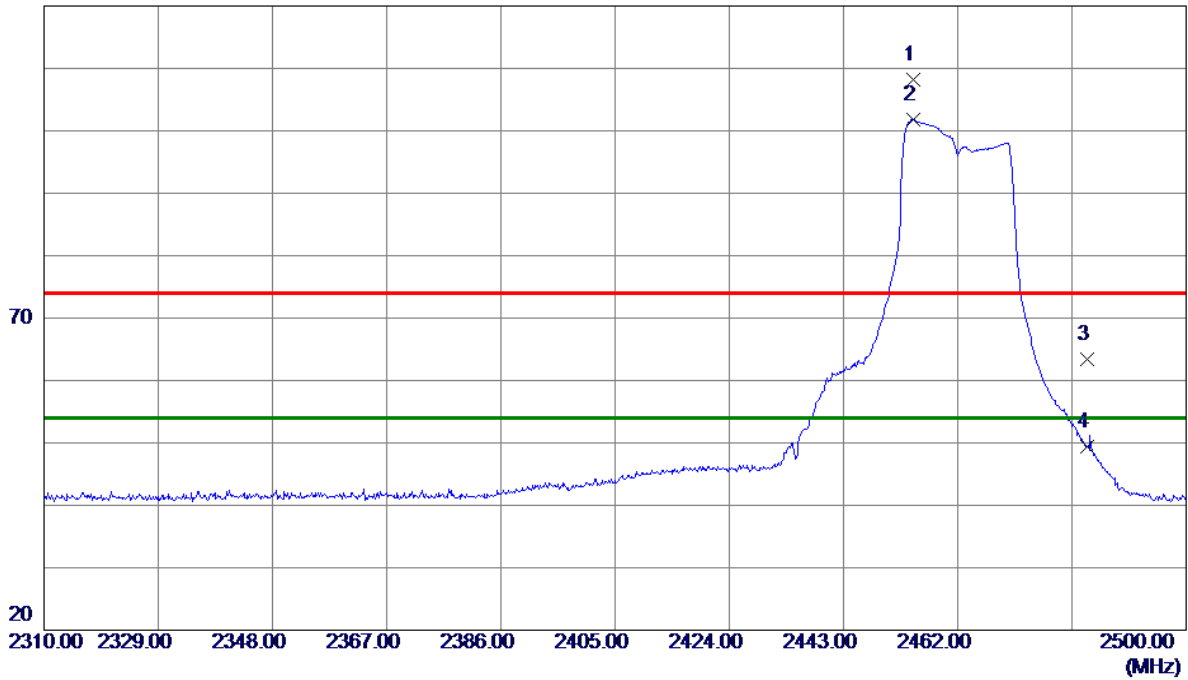
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	54.03	-16.77	37.26	74.00	-36.74	Peak	

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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120 dBuV/m

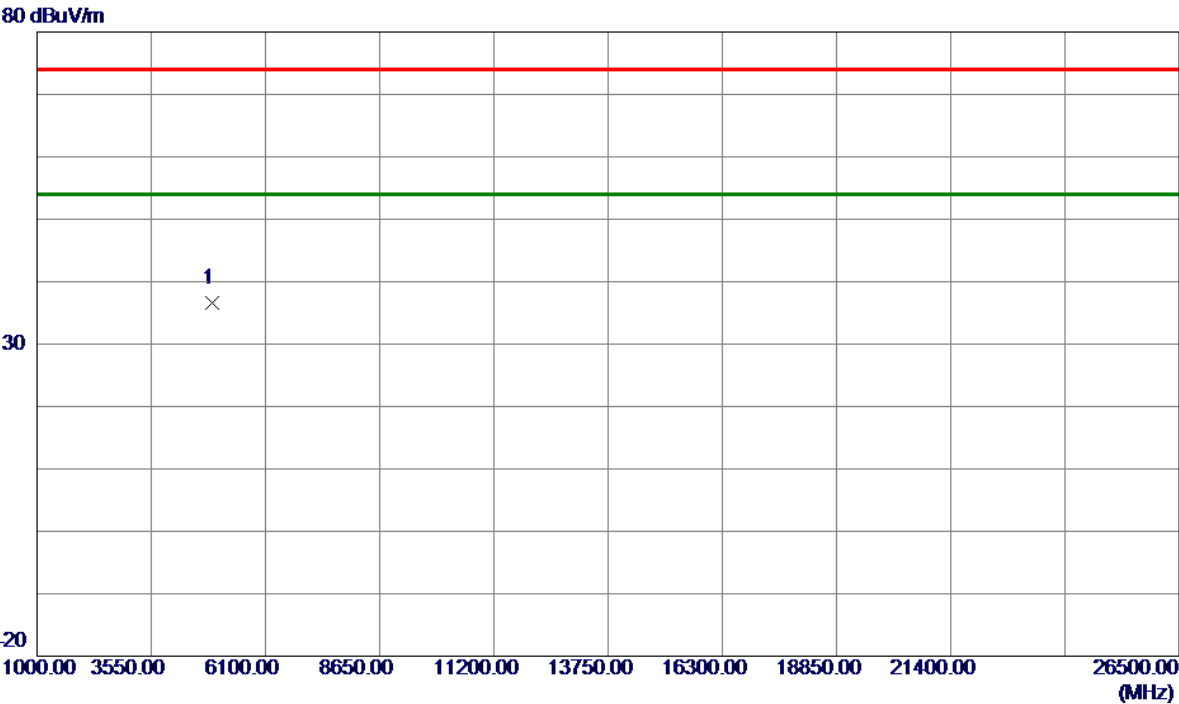


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2454.5900	76.51	31.71	108.22	74.00	34.22	Peak	No limit
2 *	2454.5900	70.07	31.71	101.78	54.00	47.78	AVG	No limit
3	2483.5000	31.63	31.71	63.34	74.00	-10.66	Peak	
4	2483.5000	17.77	31.71	49.48	54.00	-4.52	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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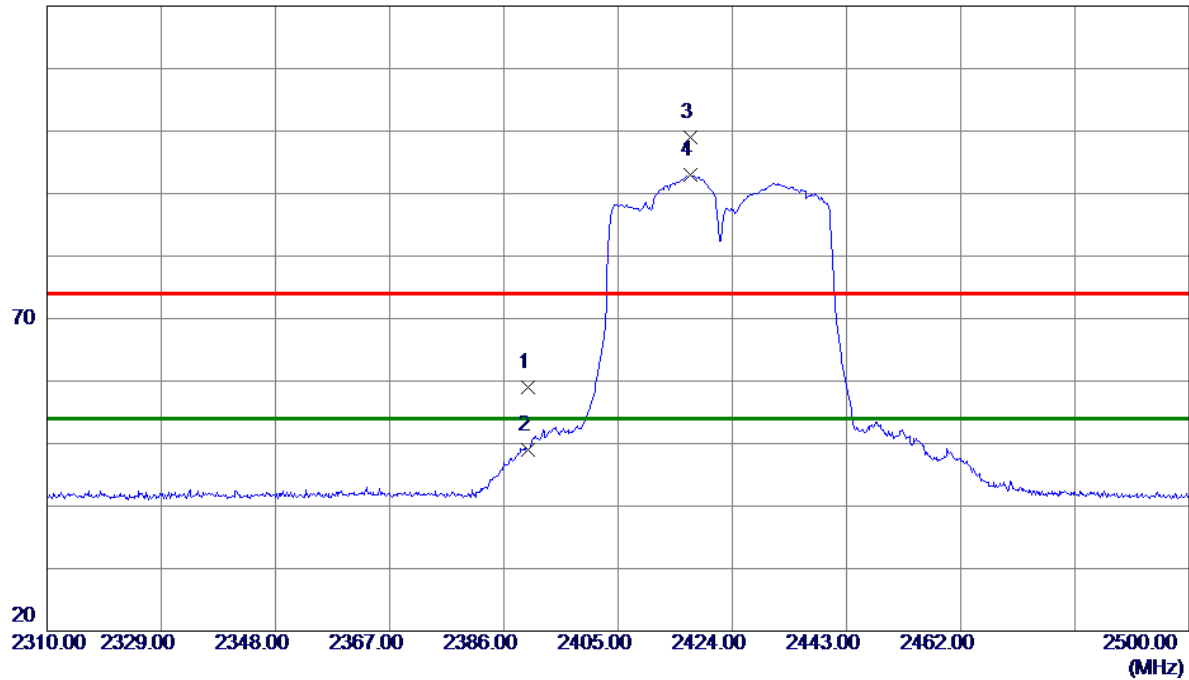


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0000	53.44	-16.77	36.67	74.00	-37.33	Peak	

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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120 dBuV/m



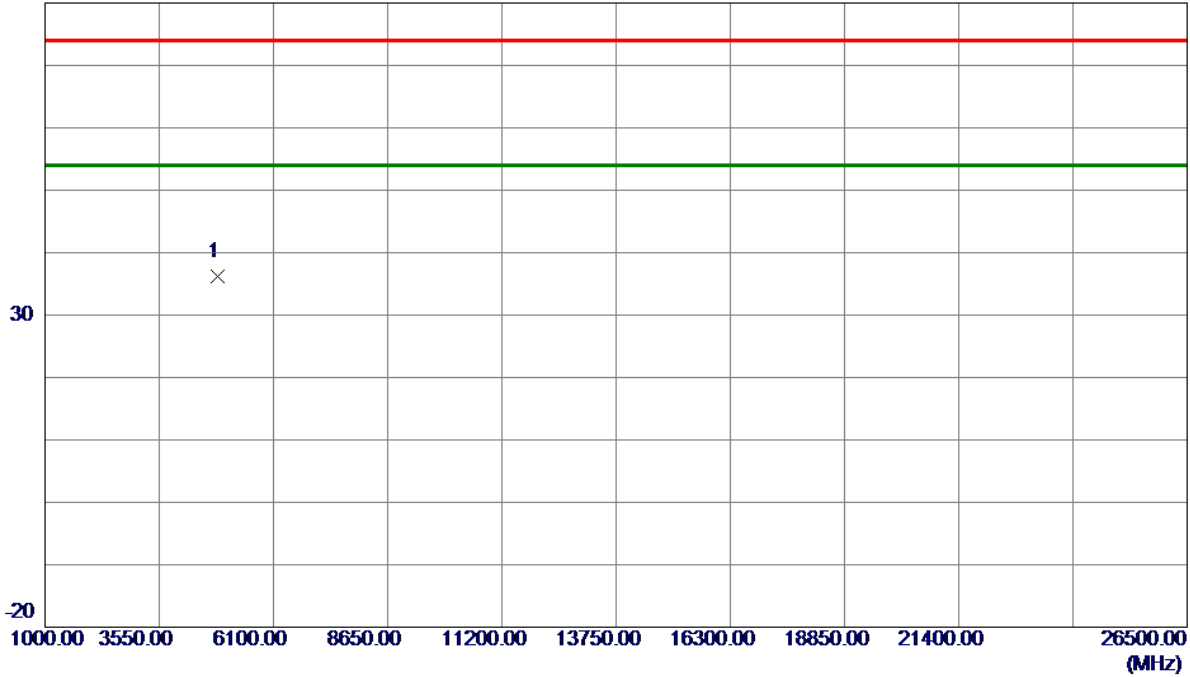
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	27.28	31.74	59.02	74.00	-14.98	Peak	
2	2390.0000	17.32	31.74	49.06	54.00	-4.94	AVG	
3	2417.0650	67.22	31.72	98.94	74.00	24.94	Peak	No limit
4 *	2417.0650	61.23	31.72	92.95	54.00	38.95	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

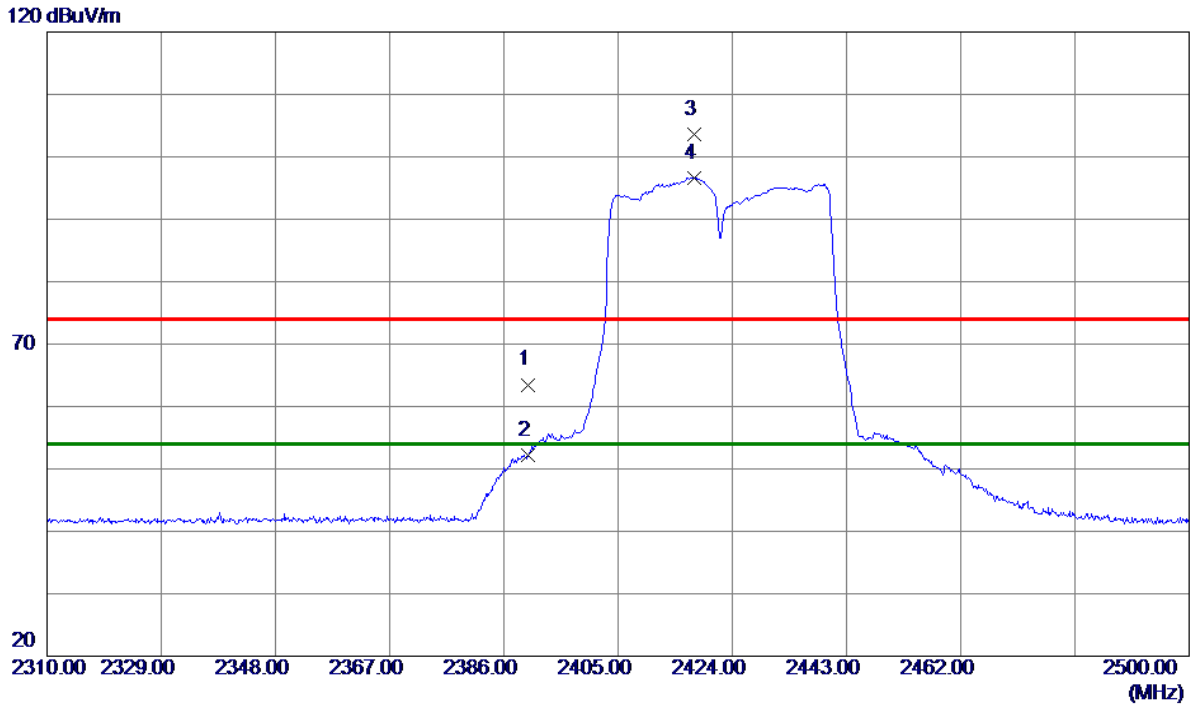


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.0000	53.23	-16.95	36.28	74.00	-37.72	Peak	

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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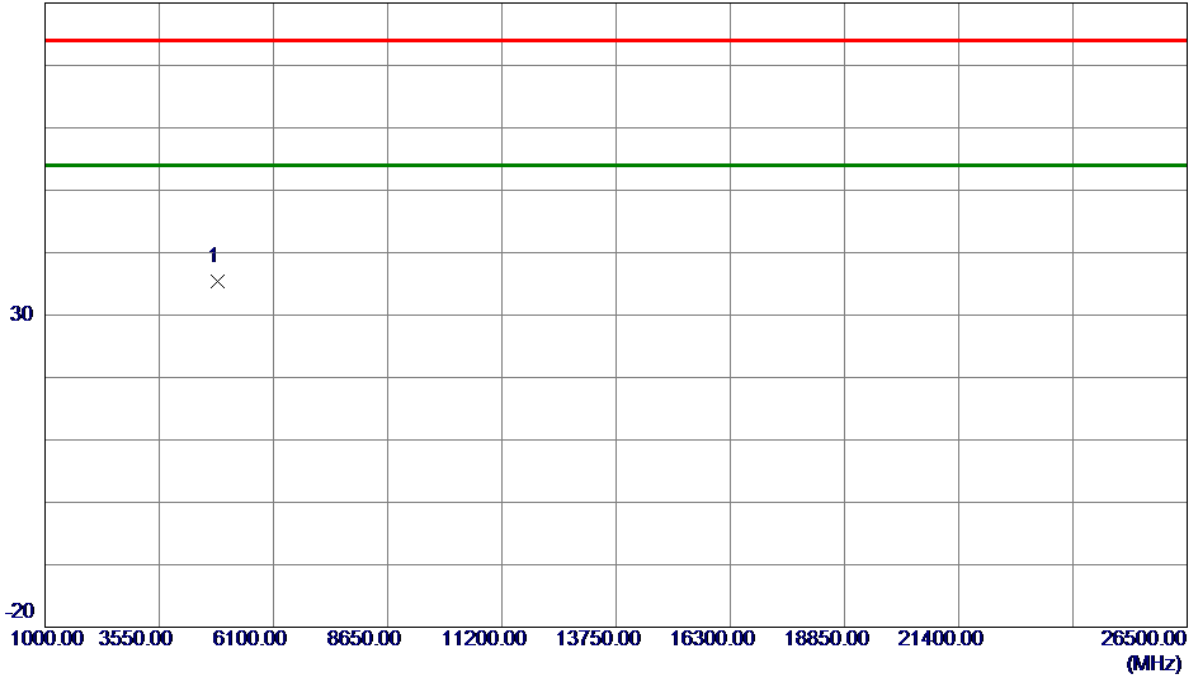
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	31.76	31.74	63.50	74.00	-10.50	Peak	
2	2390.0000	20.42	31.74	52.16	54.00	-1.84	AVG	
3	2417.6350	71.96	31.72	103.68	74.00	29.68	Peak	No limit
4 *	2417.6350	64.90	31.72	96.62	54.00	42.62	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	Horizontal
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80 dBuV/m



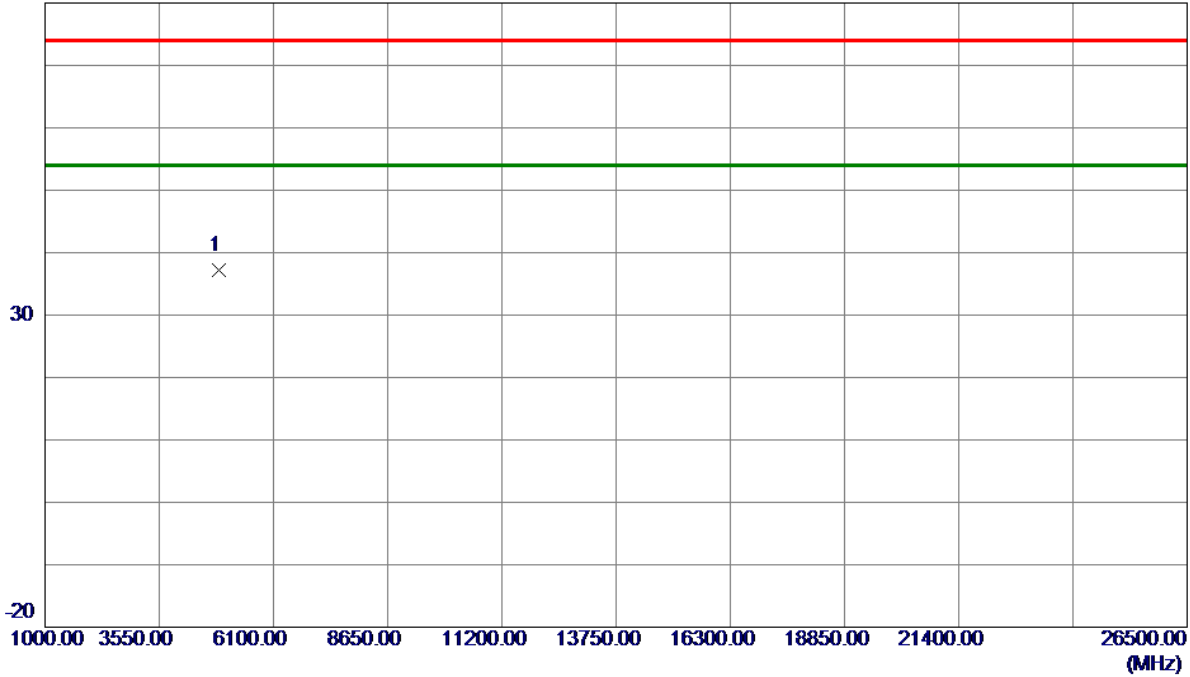
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.0000	52.42	-16.95	35.47	74.00	-38.53	Peak	

REMARKS:

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

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



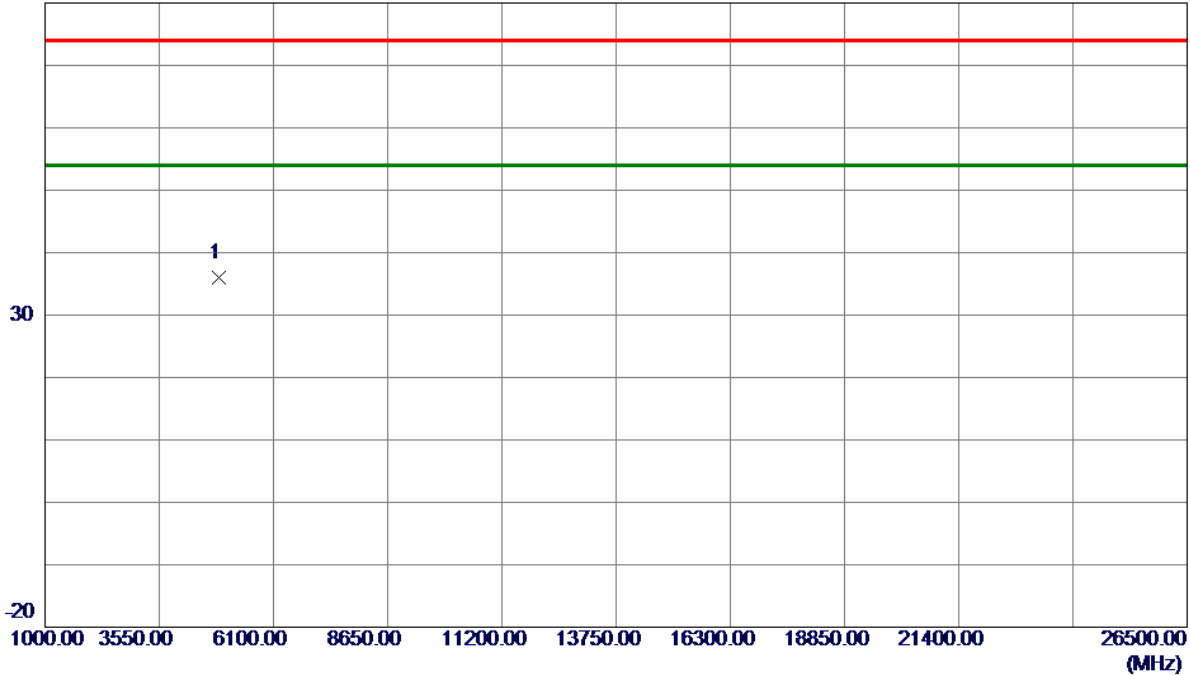
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0000	54.20	-16.91	37.29	74.00	-36.71	Peak	

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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80 dBuV/m



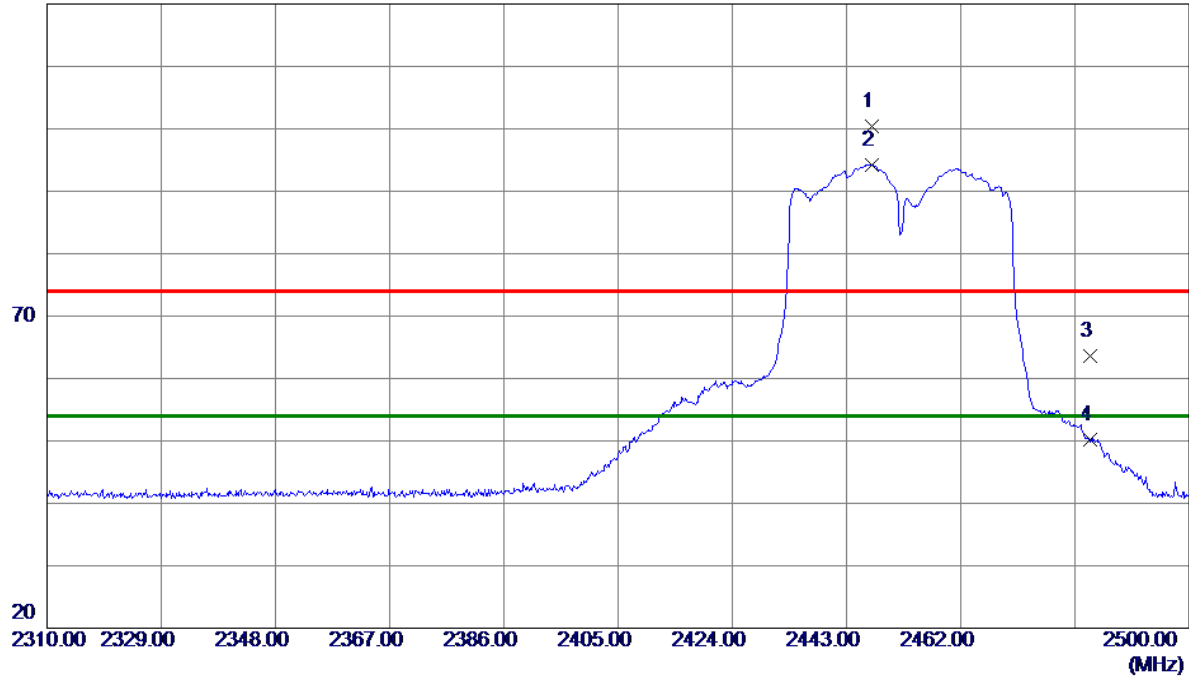
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4874.0000	52.93	-16.91	36.02	74.00	-37.98	Peak	

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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120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2447.2750	68.61	31.72	100.33	74.00	26.33	Peak	No limit
2 *	2447.2750	62.57	31.72	94.29	54.00	40.29	AVG	No limit
3	2483.5000	31.82	31.71	63.53	74.00	-10.47	Peak	
4	2483.5000	18.43	31.71	50.14	54.00	-3.86	AVG	

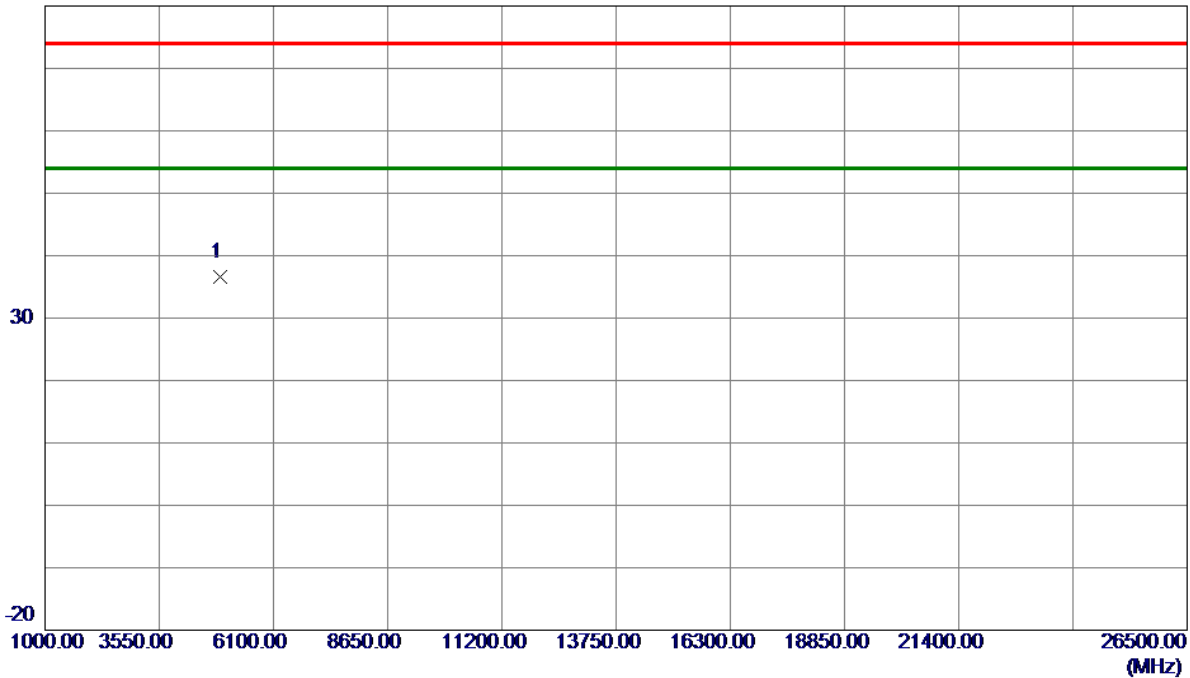
REMARKS:

(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



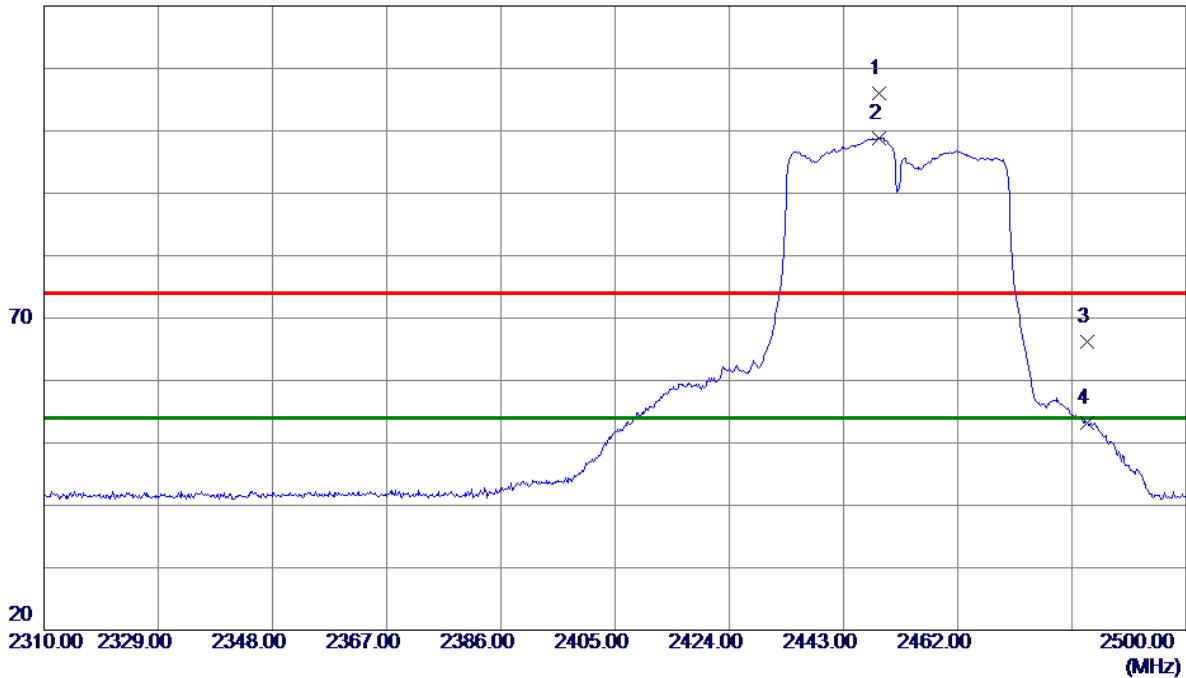
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4904.0000	53.50	-16.85	36.65	74.00	-37.35	Peak	

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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120 dBuV/m



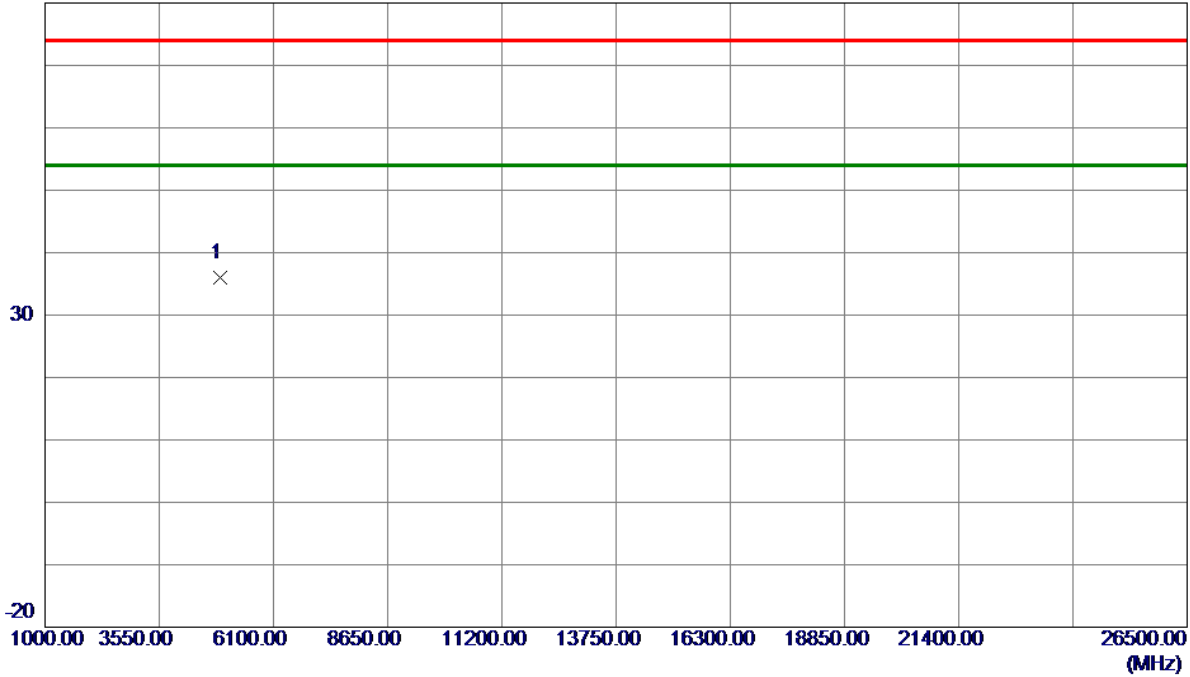
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2448.8899	74.33	31.72	106.05	74.00	32.05	Peak	No limit
2 *	2448.8899	67.10	31.72	98.82	54.00	44.82	AVG	No limit
3	2483.5000	34.51	31.71	66.22	74.00	-7.78	Peak	
4	2483.5000	21.44	31.71	53.15	54.00	-0.85	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.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4904.0000	52.83	-16.85	35.98	74.00	-38.02	Peak	

REMARKS:

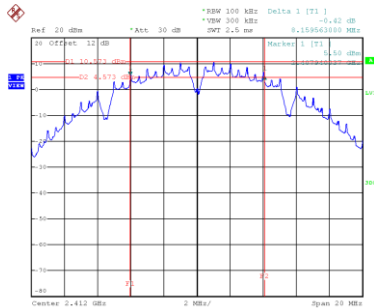
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	TX B Mode
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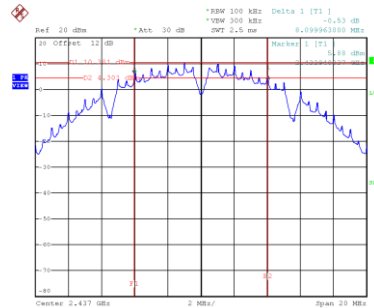
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	8.160	13.760	0.5	Complies
06	2437	8.100	13.760	0.5	Complies
11	2462	8.100	13.600	0.5	Complies

CH01



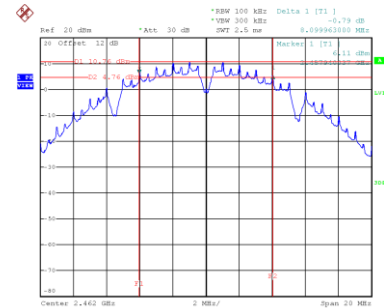
Date: 12.JUL.2021 21:57:54

CH06
6 dB Bandwidth



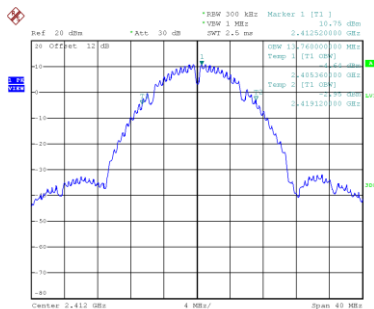
Date: 12.JUL.2021 22:00:00

CH11

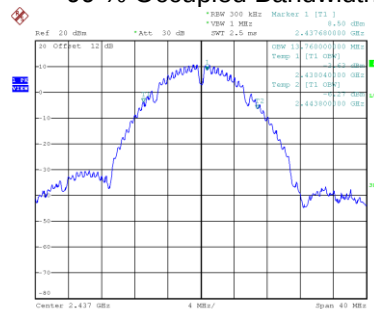


Date: 12.JUL.2021 22:03:12

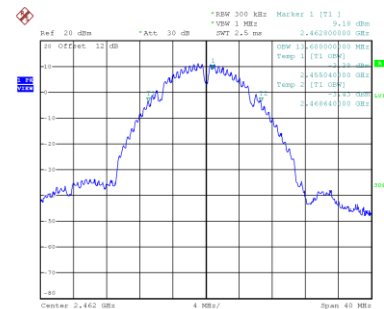
99 % Occupied Bandwidth



Date: 12.JUL.2021 21:58:00



Date: 12.JUL.2021 22:00:07

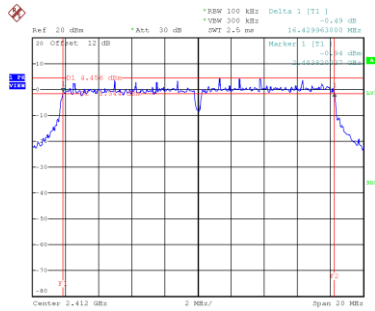


Date: 12.JUL.2021 22:03:19

Test Mode	TX G Mode
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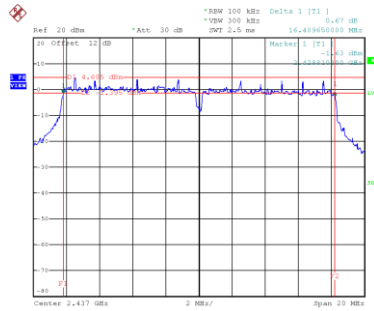
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.430	16.960	0.5	Complies
06	2437	16.410	17.040	0.5	Complies
11	2462	16.390	16.880	0.5	Complies

CH01



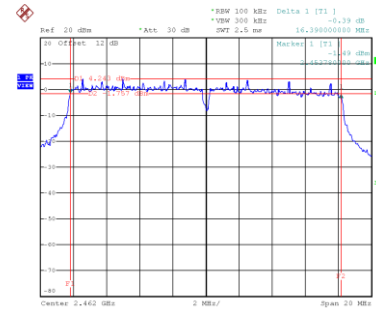
Date: 12.JUL.2021 22:05:00

CH06
6 dB Bandwidth



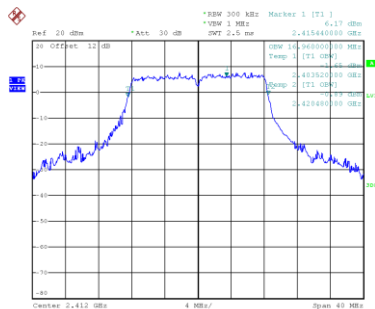
Date: 12.JUL.2021 22:06:45

CH11

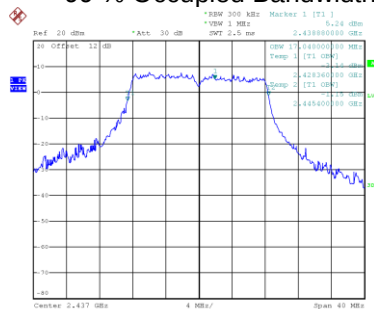


Date: 12.JUL.2021 22:08:23

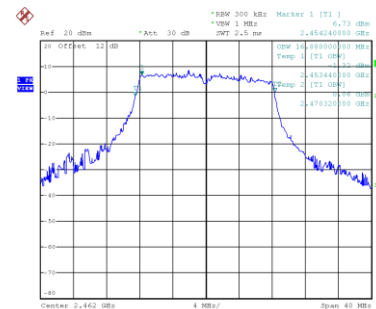
99 % Occupied Bandwidth



Date: 12.JUL.2021 22:05:07



Date: 12.JUL.2021 22:06:51

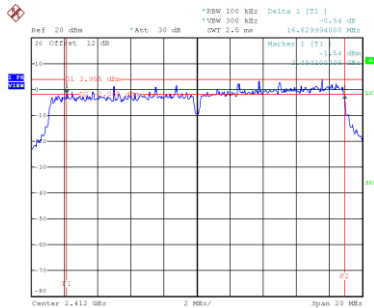


Date: 12.JUL.2021 22:08:29

Test Mode	TX N(HT20) Mode
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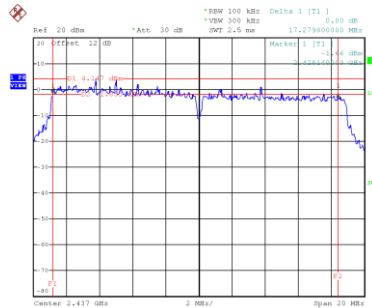
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.830	18.240	0.5	Complies
06	2437	17.280	18.400	0.5	Complies
11	2462	16.400	17.920	0.5	Complies

CH01



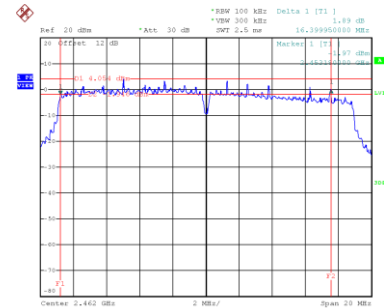
Date: 12.JUL.2021 22:16:41

CH06
6 dB Bandwidth



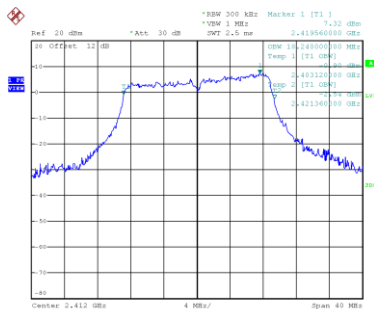
Date: 12.JUL.2021 22:18:46

CH11

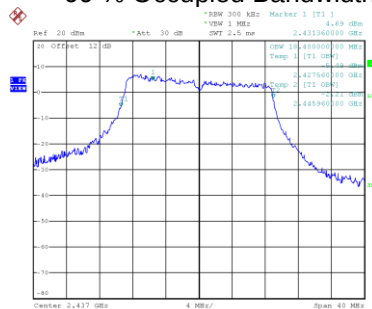


Date: 12.JUL.2021 22:32:12

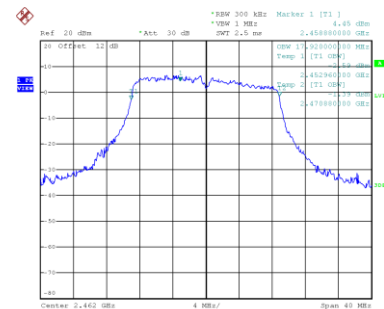
99 % Occupied Bandwidth



Date: 12.JUL.2021 22:16:48



Date: 12.JUL.2021 22:18:53

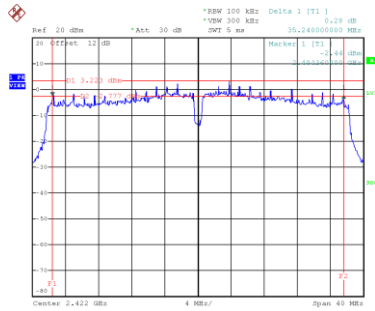


Date: 12.JUL.2021 22:32:18

Test Mode	TX N(HT40) Mode
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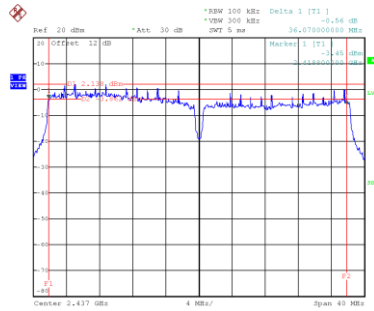
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	35.240	36.640	0.5	Complies
06	2437	36.070	37.440	0.5	Complies
09	2452	35.600	37.120	0.5	Complies

CH03



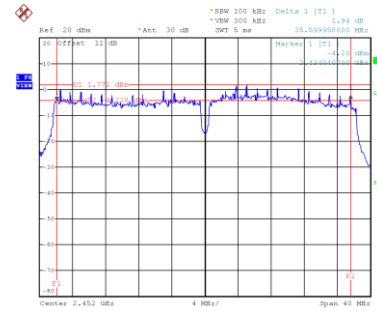
Date: 12.JUL.2021 22:36:29

CH06
6 dB Bandwidth



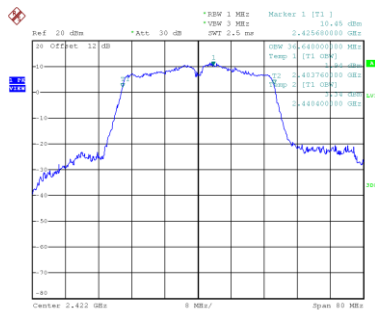
Date: 12.JUL.2021 22:42:58

CH09

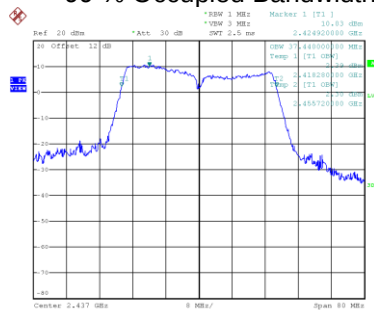


Date: 12.JUL.2021 22:48:25

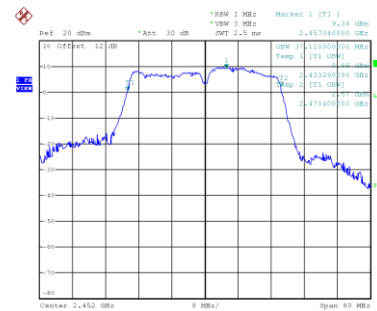
99 % Occupied Bandwidth



Date: 12.JUL.2021 22:36:35



Date: 12.JUL.2021 22:43:05



Date: 12.JUL.2021 22:48:31

APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	TX B Mode_Ant. 1
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Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.45	30.00	1.0000	Complies
06	2437	20.33	30.00	1.0000	Complies
11	2462	20.59	30.00	1.0000	Complies

Test Mode	TX B Mode_Ant. 2
-----------	------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.49	30.00	1.0000	Complies
06	2437	20.44	30.00	1.0000	Complies
11	2462	20.46	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 1
-----------	------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.62	30.00	1.0000	Complies
06	2437	24.31	30.00	1.0000	Complies
11	2462	24.45	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 2
-----------	------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	24.16	30.00	1.0000	Complies
06	2437	24.53	30.00	1.0000	Complies
11	2462	24.51	30.00	1.0000	Complies

CDD

Test Mode	TX N(HT20) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.47	30.00	1.0000	Complies
06	2437	23.77	30.00	1.0000	Complies
11	2462	23.75	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 2
-----------	------------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.54	30.00	1.0000	Complies
06	2437	23.97	30.00	1.0000	Complies
11	2462	24.04	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Total
-----------	-----------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	26.52	30.00	1.0000	Complies
06	2437	26.88	30.00	1.0000	Complies
11	2462	26.91	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	24.02	30.00	1.0000	Complies
06	2437	24.46	30.00	1.0000	Complies
09	2452	24.83	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 2
-----------	------------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	24.13	30.00	1.0000	Complies
06	2437	24.39	30.00	1.0000	Complies
09	2452	24.86	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Total
-----------	-----------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	27.09	30.00	1.0000	Complies
06	2437	27.44	30.00	1.0000	Complies
09	2452	27.86	30.00	1.0000	Complies

Beamforming

Test Mode	TX N(HT20) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.37	30.00	1.0000	Complies
06	2437	23.69	30.00	1.0000	Complies
11	2462	23.67	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 2
-----------	------------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.42	30.00	1.0000	Complies
06	2437	23.88	30.00	1.0000	Complies
11	2462	23.94	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Total
-----------	-----------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	26.41	30.00	1.0000	Complies
06	2437	26.79	30.00	1.0000	Complies
11	2462	26.82	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	23.91	30.00	1.0000	Complies
06	2437	24.36	30.00	1.0000	Complies
09	2452	24.73	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 2
-----------	------------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	24.01	30.00	1.0000	Complies
06	2437	24.28	30.00	1.0000	Complies
09	2452	24.80	30.00	1.0000	Complies

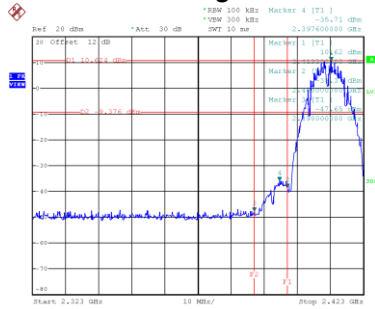
Test Mode	TX N(HT40) Mode_Total
-----------	-----------------------

Channel	Frequency (MHz)	Peak Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	26.97	30.00	1.0000	Complies
06	2437	27.33	30.00	1.0000	Complies
09	2452	27.77	30.00	1.0000	Complies

APPENDIX G - CONDUCTED SPURIOUS EMISSIONS

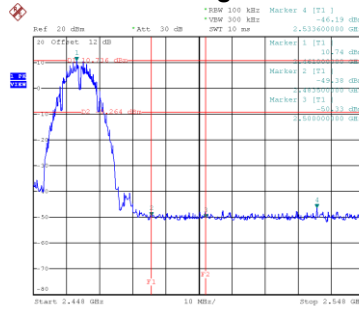
Test Mode TX B Mode_Ant. 1

Bandedge-CH01



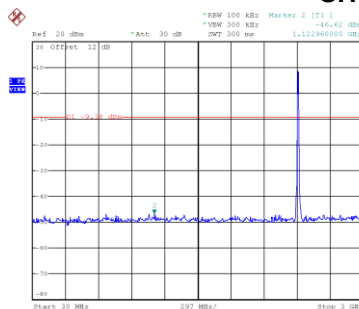
Date: 12.JUL.2021 21:58:08

Bandedge-CH11

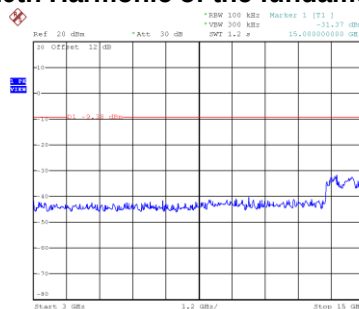


Date: 12.JUL.2021 22:03:26

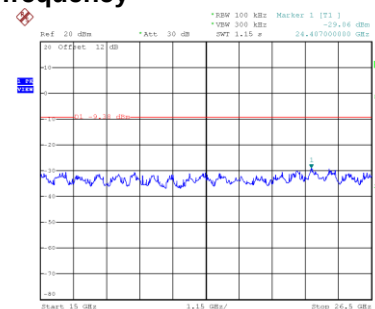
CH01 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 21:58:21

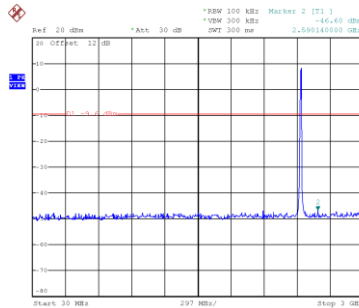


Date: 12.JUL.2021 21:58:28

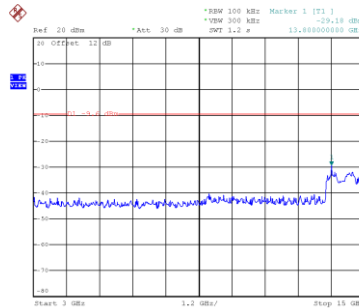


Date: 12.JUL.2021 21:58:35

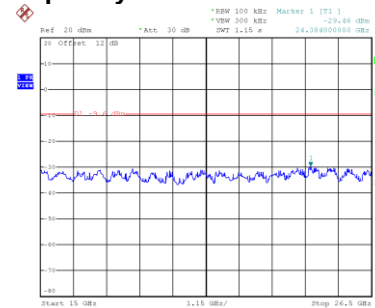
CH06 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:00:27

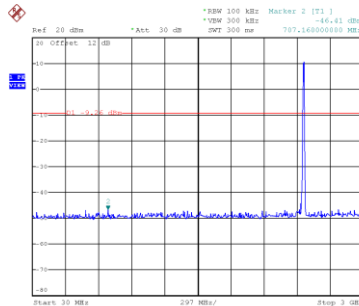


Date: 12.JUL.2021 22:00:34

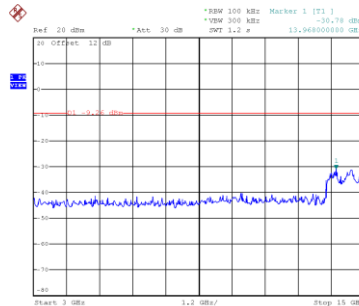


Date: 12.JUL.2021 22:00:41

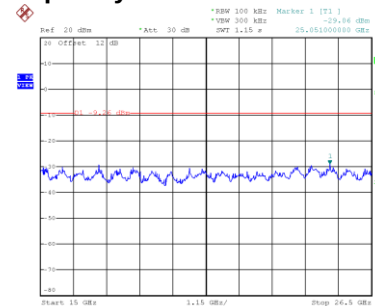
CH11 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:03:39



Date: 12.JUL.2021 22:03:46



Date: 12.JUL.2021 22:03:53



CH01 – 10th Harmonic of the fundamental frequency



CH06 – 10th Harmonic of the fundamental frequency

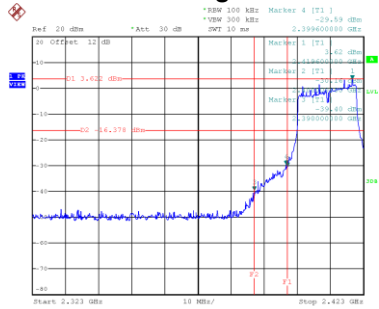


CH11 – 10th Harmonic of the fundamental frequency



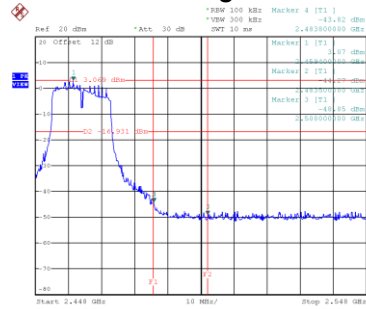
Test Mode TX N(HT20) Mode_Ant. 1

Bandedge-CH01



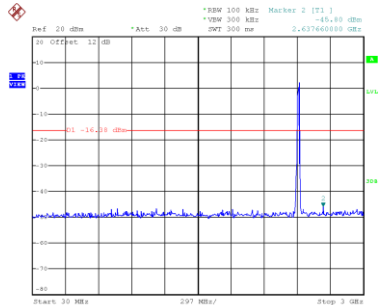
Date: 12.JUL.2021 22:16:55

Bandedge-CH11

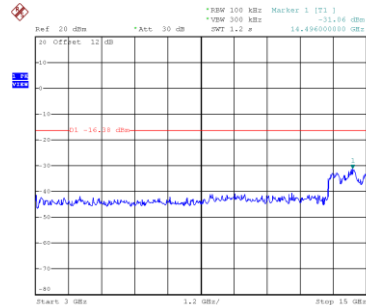


Date: 12.JUL.2021 22:32:26

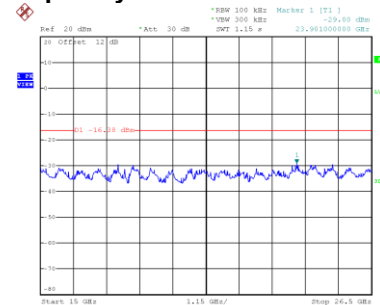
CH01 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:17:08

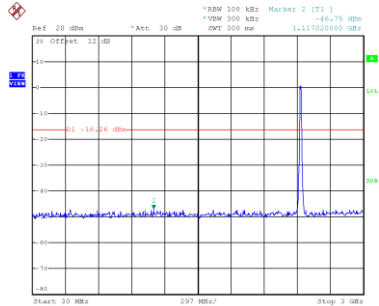


Date: 12.JUL.2021 22:17:15

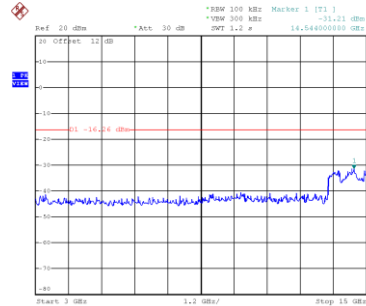


Date: 12.JUL.2021 22:17:22

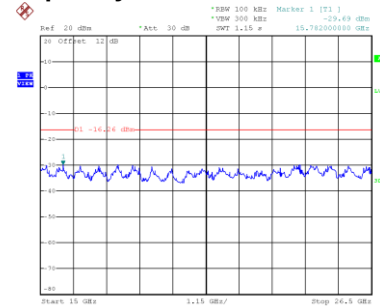
CH06 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:19:13

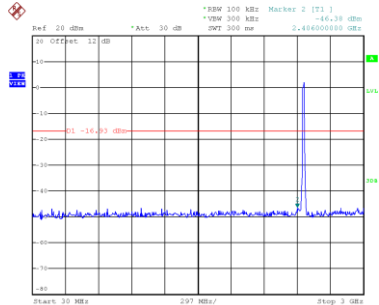


Date: 12.JUL.2021 22:19:20

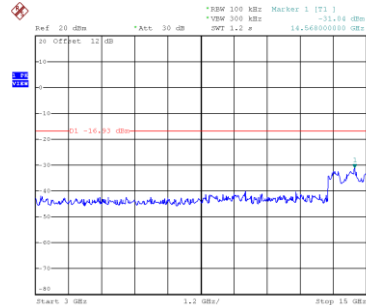


Date: 12.JUL.2021 22:19:28

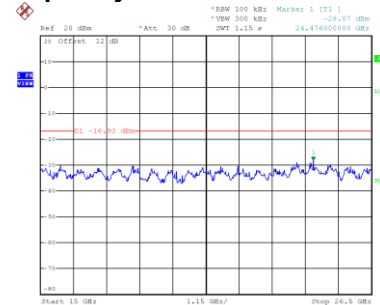
CH11 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:32:39



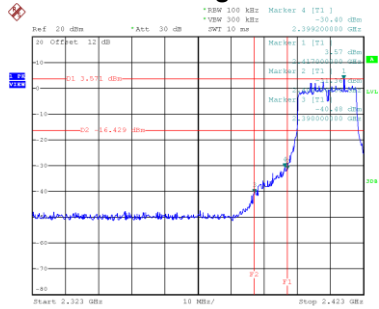
Date: 12.JUL.2021 22:32:46



Date: 12.JUL.2021 22:32:53

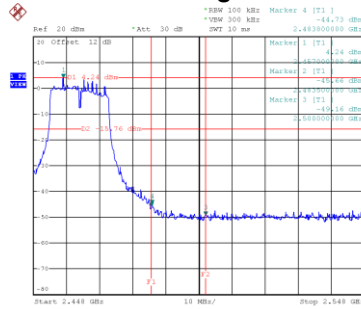
Test Mode TX N(HT20) Mode_Ant. 2

Bandedge-CH01



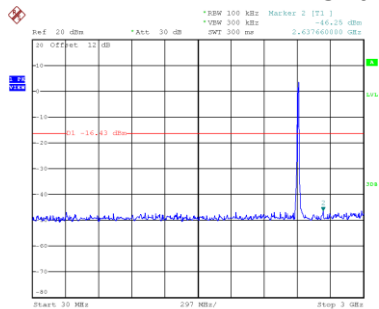
Date: 12.JUL.2021 22:15:01

Bandedge-CH11

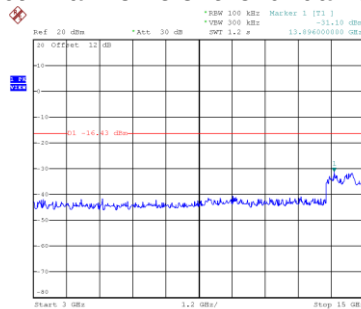


Date: 12.JUL.2021 22:15:41

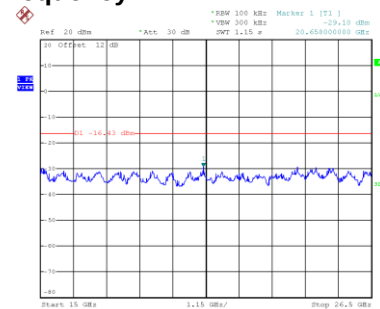
CH01 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:15:14

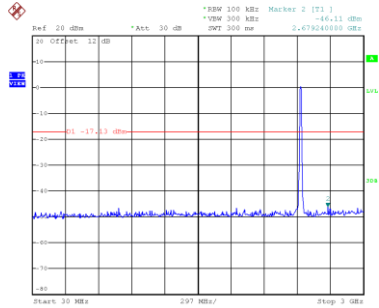


Date: 12.JUL.2021 22:15:21

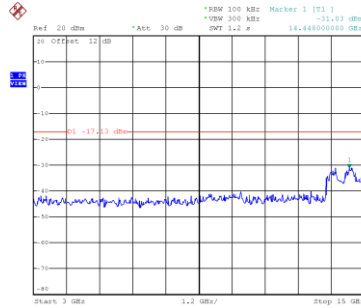


Date: 12.JUL.2021 22:15:28

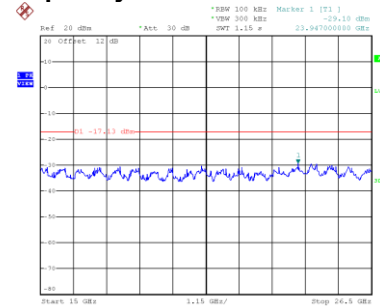
CH06 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:17:27

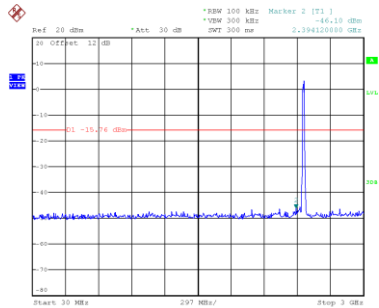


Date: 12.JUL.2021 22:17:34

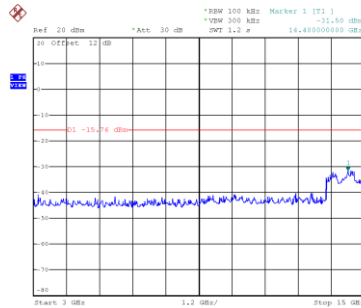


Date: 12.JUL.2021 22:17:41

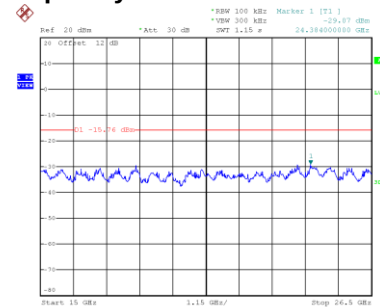
CH11 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:18:54



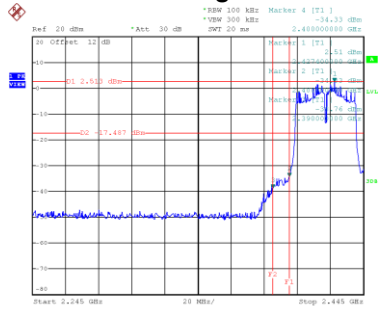
Date: 12.JUL.2021 22:19:01



Date: 12.JUL.2021 22:19:08

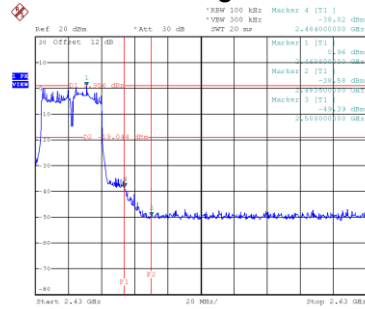
Test Mode TX N(HT40) Mode_Ant. 1

Bandedge-CH03



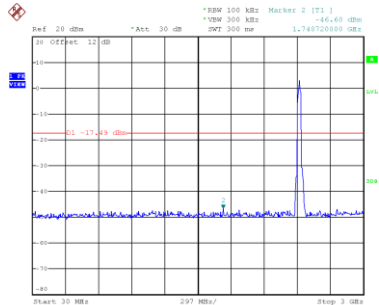
Date: 12.JUL.2021 22:36:43

Bandedge-CH09

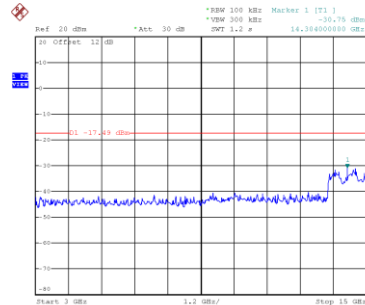


Date: 12.JUL.2021 22:48:39

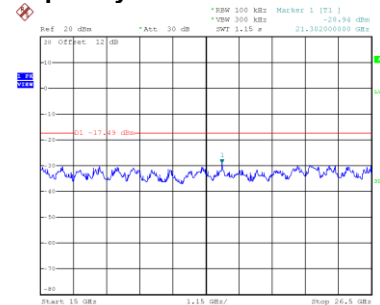
CH03 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:36:56

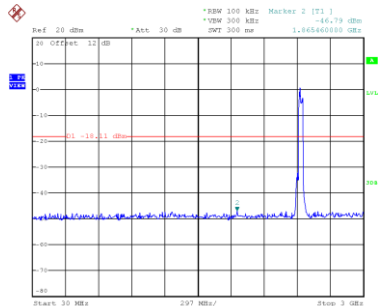


Date: 12.JUL.2021 22:37:03

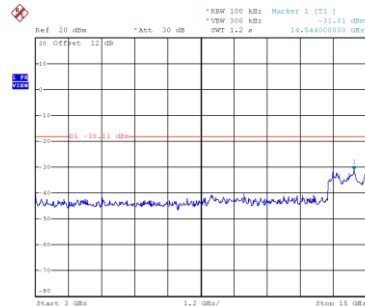


Date: 12.JUL.2021 22:37:10

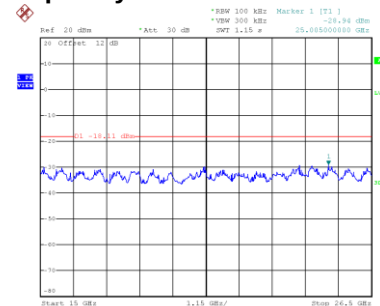
CH06 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:43:25

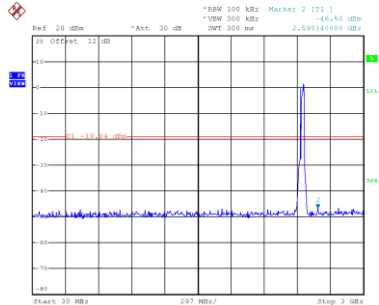


Date: 12.JUL.2021 22:43:32

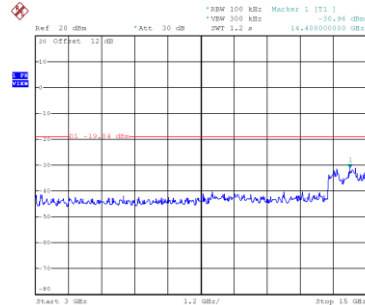


Date: 12.JUL.2021 22:43:39

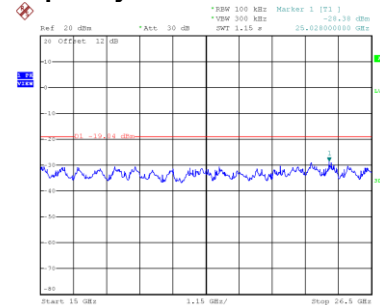
CH09 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:48:52



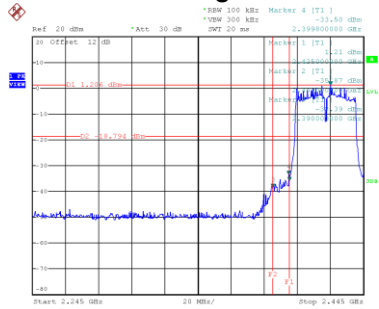
Date: 12.JUL.2021 22:48:59



Date: 12.JUL.2021 22:49:06

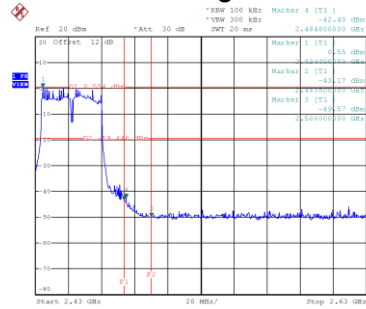
Test Mode TX N(HT40) Mode_Ant. 2

Bandedge-CH03



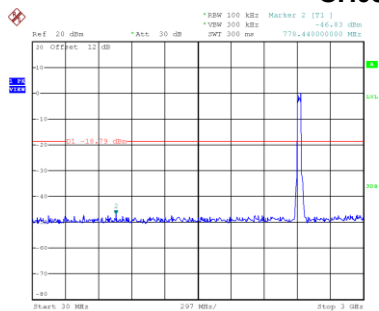
Date: 12.JUL.2021 22:38:43

Bandedge-CH09

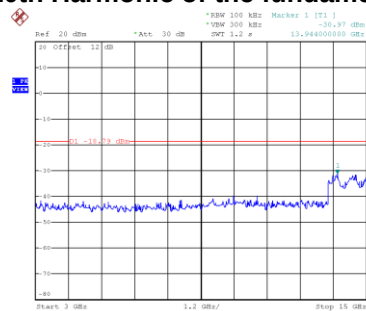


Date: 12.JUL.2021 22:46:19

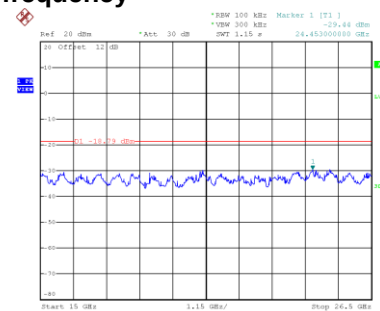
CH03 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:38:56

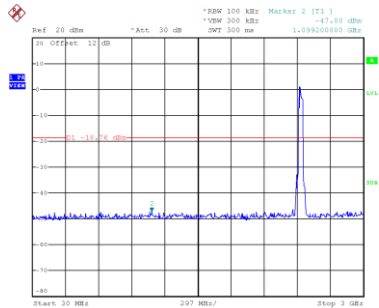


Date: 12.JUL.2021 22:39:03

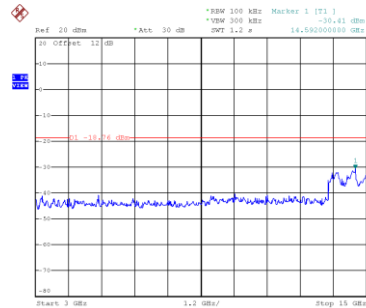


Date: 12.JUL.2021 22:39:10

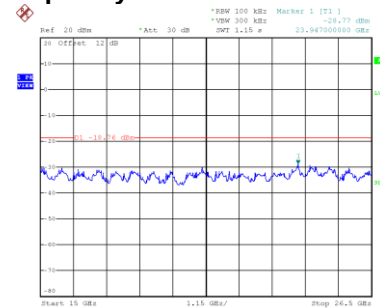
CH06 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:45:13

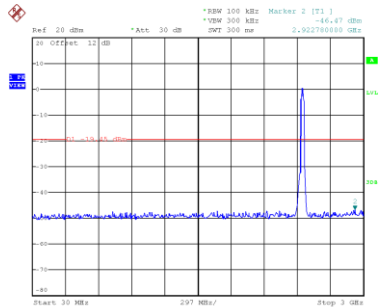


Date: 12.JUL.2021 22:45:20

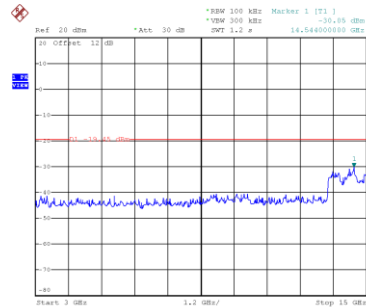


Date: 12.JUL.2021 22:45:27

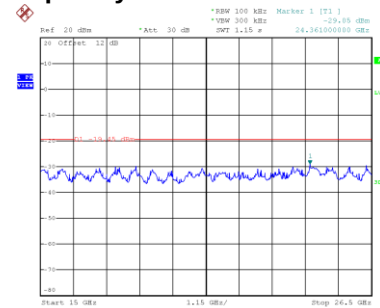
CH09 – 10th Harmonic of the fundamental frequency



Date: 12.JUL.2021 22:47:12



Date: 12.JUL.2021 22:47:19

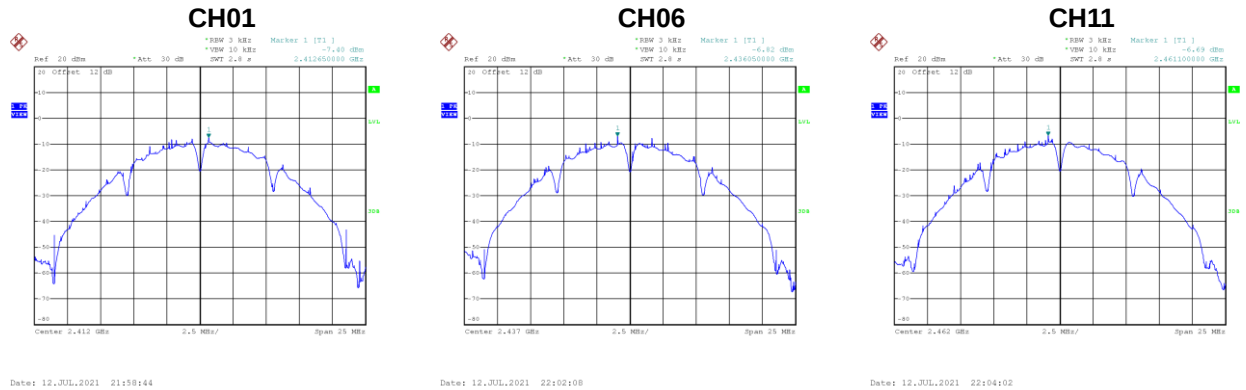


Date: 12.JUL.2021 22:47:26

APPENDIX H - POWER SPECTRAL DENSITY

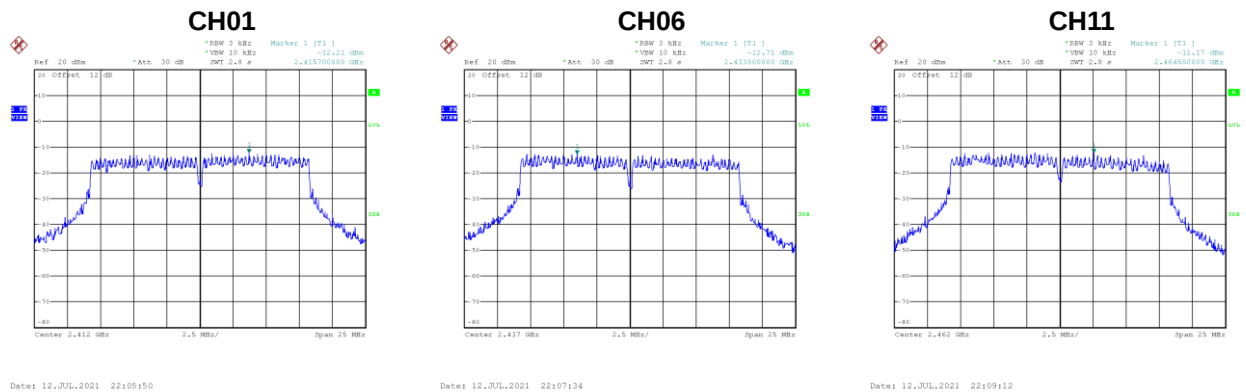
Test Mode	TX B Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-7.40	8.00	Complies
06	2437	-6.82	8.00	Complies
11	2462	-6.69	8.00	Complies



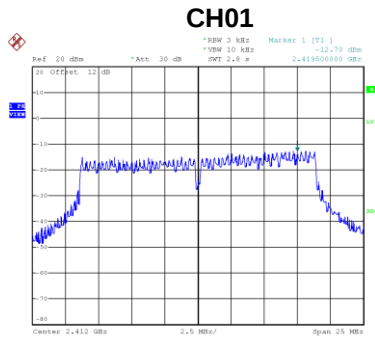
Test Mode	TX G Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-12.21	8.00	Complies
06	2437	-12.71	8.00	Complies
11	2462	-12.17	8.00	Complies

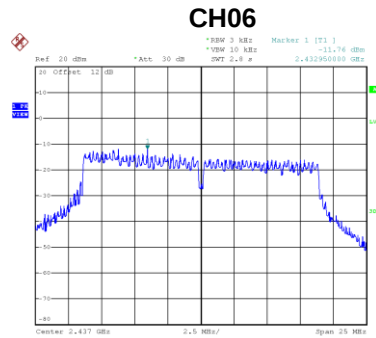


Test Mode	TX N(HT20) Mode_Ant. 1
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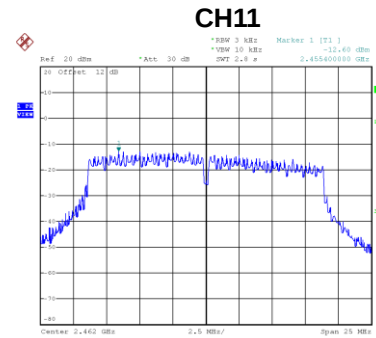
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-12.70	8.00	Complies
06	2437	-11.76	8.00	Complies
11	2462	-12.60	8.00	Complies



Date: 12.JUL.2021 22:17:31



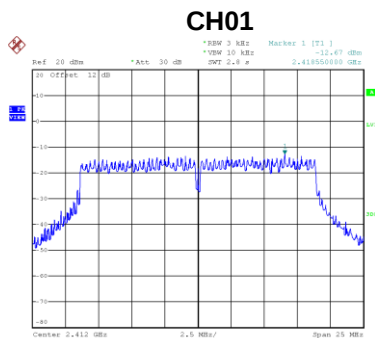
Date: 12.JUL.2021 22:19:36



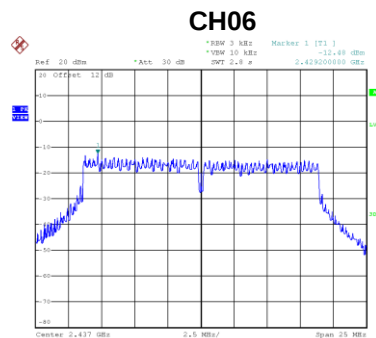
Date: 12.JUL.2021 22:33:01

Test Mode	TX N(HT20) Mode_Ant. 2
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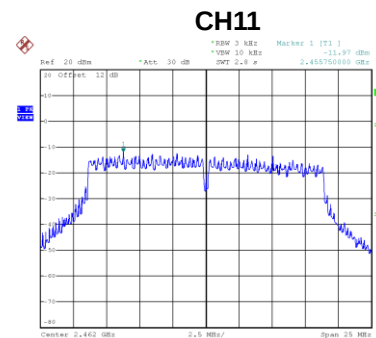
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-12.67	8.00	Complies
06	2437	-12.48	8.00	Complies
11	2462	-11.97	8.00	Complies



Date: 12.JUL.2021 22:15:37



Date: 12.JUL.2021 22:27:50



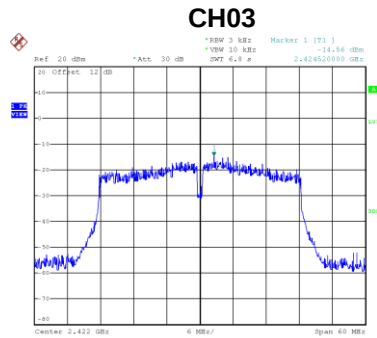
Date: 12.JUL.2021 22:33:17

Test Mode	TX N(HT20) Mode_Total
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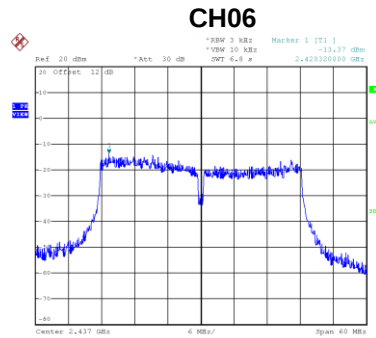
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-9.67	8.00	Complies
06	2437	-9.09	8.00	Complies
11	2462	-9.26	8.00	Complies

Test Mode	TX N(HT40) Mode_Ant. 1
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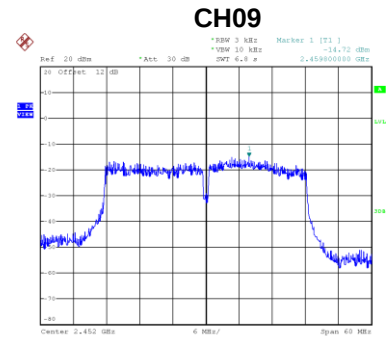
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-14.56	8.00	Complies
06	2437	-13.37	8.00	Complies
09	2452	-14.72	8.00	Complies



Date: 12.JUL.2021 22:41:49



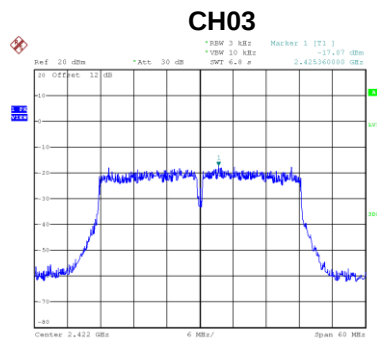
Date: 12.JUL.2021 22:43:50



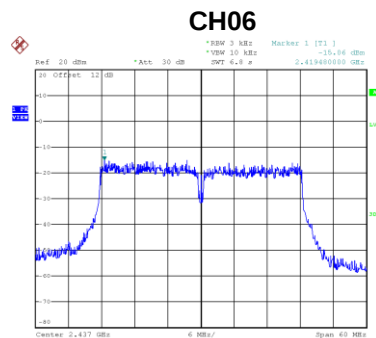
Date: 12.JUL.2021 22:49:17

Test Mode	TX N(HT40) Mode_Ant. 2
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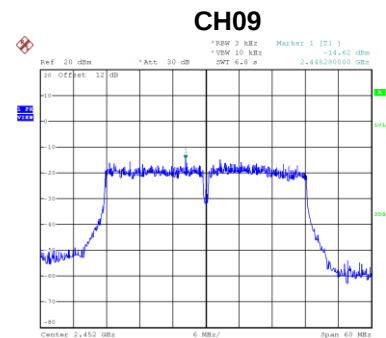
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-17.07	8.00	Complies
06	2437	-15.06	8.00	Complies
09	2452	-14.62	8.00	Complies



Date: 12.JUL.2021 22:41:03



Date: 12.JUL.2021 22:45:38



Date: 12.JUL.2021 22:47:38

Test Mode	TX N(HT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-12.63	8.00	Complies
06	2437	-11.12	8.00	Complies
09	2452	-11.66	8.00	Complies

End of Test Report