FCC Radio Test Report

FCC ID: O57C640A13

Project No.	:	2007T046
Equipment	:	Notebook Computer
Brand Name	:	Lenovo
Test Model	:	Yoga 6 13ARE05
Series Model	:	Yoga 6 13ARE05******** (*=0~9, A~z, "_" or blank)
Applicant	:	Lenovo (Shanghai) Electronics Technology Co., Ltd.
Address	:	Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone
Manufacturer	:	Lenovo PC HK Limited
Address	:	23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, P.R.China
Date of Receipt	:	Jul. 16, 2020
Date of Test	:	Jul. 16, 2020 ~ Aug. 13, 2020
Issued Date	:	2020/8/28
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG20200660175 for conducted, DG20200660178 for radiated.
Standard(s)	:	FCC Part15, Subpart C (15.247) 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.

Welly zhou

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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.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, A2LA, or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

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 4

1 . SUMMARY OF TEST RESULTS 5

1.1 TEST FACILITY 7

1.2 MEASUREMENT UNCERTAINTY 7

1.3 TEST ENVIRONMENT CONDITIONS 7

2 . GENERAL INFORMATION 8

2.1 GENERAL DESCRIPTION OF EUT 8

2.2 DESCRIPTION OF TEST MODES 9

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED 10

2.4 SUPPORT UNITS 10

3 . AC POWER LINE CONDUCTED EMISSIONS TEST 11

3.1 LIMIT 11

3.2 TEST PROCEDURE 11

3.3 DEVIATION FROM TEST STANDARD 11

3.4 TEST SETUP 12

3.5 EUT OPERATION CONDITIONS 12

3.6 TEST RESULTS 12

4 . RADIATED EMISSIONS TEST 13

4.1 LIMIT 13

4.2 TEST PROCEDURE 14

4.3 DEVIATION FROM TEST STANDARD 14

4.4 TEST SETUP 15

4.5 EUT OPERATION CONDITIONS 17

4.6 TEST RESULTS - 30 MHZ TO 1000 MHZ 17

4.7 TEST RESULTS - ABOVE 1000 MHZ 17

5 . MEASUREMENT INSTRUMENTS LIST 18

6 . EUT TEST PHOTO 19

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS 22

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ 27

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ 30

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	2020/8/28

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart C (15.247)				
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	PASS	------

Note:
(1) “N/A” denotes test is not applicable to this device.
(2) This is to request a Class II permissive change for FCC ID: O57C640A13.

This FCC ID: O57C640A13 is change ID based on Lenovo (Shanghai) Electronics Technology Co., Ltd., the original application information follow as FCC ID: O57-AX200NGW, approved on 01/07/2020 (which is change ID based on Intel Corporation, the original application information follow as model: AX200NGW, FCC ID: PD9AX200NG, approved on 03/05/2019)

Thus, only conducted emissions and radiated spurious emissions were evaluated and recorded in this report. For the test results of all other test items please refer to module test report as below table:

RF Module model	Report Number	Module Function
AX200NGW	181210-03.TR04	WLAN 2.4G
AX200NGW	181210-03.TR01 181210-03.TR02 181210-03.TR03	RLAN 5G Band 1~4
AX200NGW	181210-03.TR05	Bluetooth EDR
AX200NGW	181210-03.TR04	Bluetooth LE

(3) Based on the RF module the antennas for this Notebook Computer were updated as below table:

Antenna Information			
Antenna 1 (WLAN combo)	Manufacturer	AWAN	
	Antenna Type	Main: PIFA Antenna	Aux: PIFA Antenna
	Part number	AUF6Y-100025 (DC33002GC00)	AUF6Y-100026 (DC33002GC10)
	Peak gain	Main Antenna :	Aux Antenna :
		WLAN(2.4G):1.14dBi	WLAN(2.4G):-1.53dBi
		WLAN(5G B1-3):-1.73dBi WLAN(5G B4):-2.83dBi	WLAN(5G B1-3):-2.43dBi WLAN(5G B4):-1.54dBi

Antenna Information			
Antenna 2 (WLAN combo)	Manufacturer	luxshare-ict co. ltd	
	Antenna Type	Main: PIFA Antenna	Aux: PIFA Antenna
	Part number	L59AT001-CS-H (DC33002HB00)	L59AT002-CS-H (DC33002HB10)
	Peak gain	Main Antenna :	Aux Antenna :
		WLAN(2.4G):0.6dBi	WLAN(2.4G):-1.6dBi
		WLAN(5G B1-3):-1.2dBi WLAN(5G B4):-1.7dBi	WLAN(5G B1-3):-0.6dBi WLAN(5G B4):-1.8dBi

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	2.60

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	V	3.79
		9kHz ~ 30MHz	H	3.57
		30MHz ~ 200MHz	V	4.88
		30MHz ~ 200MHz	H	4.14
		200MHz ~ 1,000MHz	V	4.62
		200MHz ~ 1,000MHz	H	4.80
		1GHz ~ 6GHz	-	4.58
		6GHz ~ 18GHz	-	5.18
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

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	24°C	57%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-30 MHz to 1GHz	22°C	61%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-Above 1000 MHz	22°C	61%	AC 120V/60Hz	Kwok Guo

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Notebook Computer
Brand Name	Lenovo
Test Model	Yoga 6 13ARE05
Series Model	Yoga 6 13ARE05******** (*=0~9, A~z, "_" or blank)
Model Difference(s)	Differ in marketing purpose.
Hardware Version	LA-K211P
Software Version	19041.329
RF Module Model	AX200NGW
EUT Power Rating	20Vdc 3.25A
Power Adapter Power Rating	Input:100-240V~1.3A 50-60Hz Output:20Vdc 3.25A / 15Vdc 3A / 9Vdc 2A / 5Vdc 2A
Power Adapter	Chicony / ADLX45YCC3D
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
Maximum Output Power (Reference module report)	IEEE 802.11b/g/n (HT20)/ax (HEW20): 29.95 dBm (0.9886 W) IEEE 802.11n (HT40)/ax (HEW40): 28.90 dBm (0.7762 W)

Note:

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

2. Channel List:

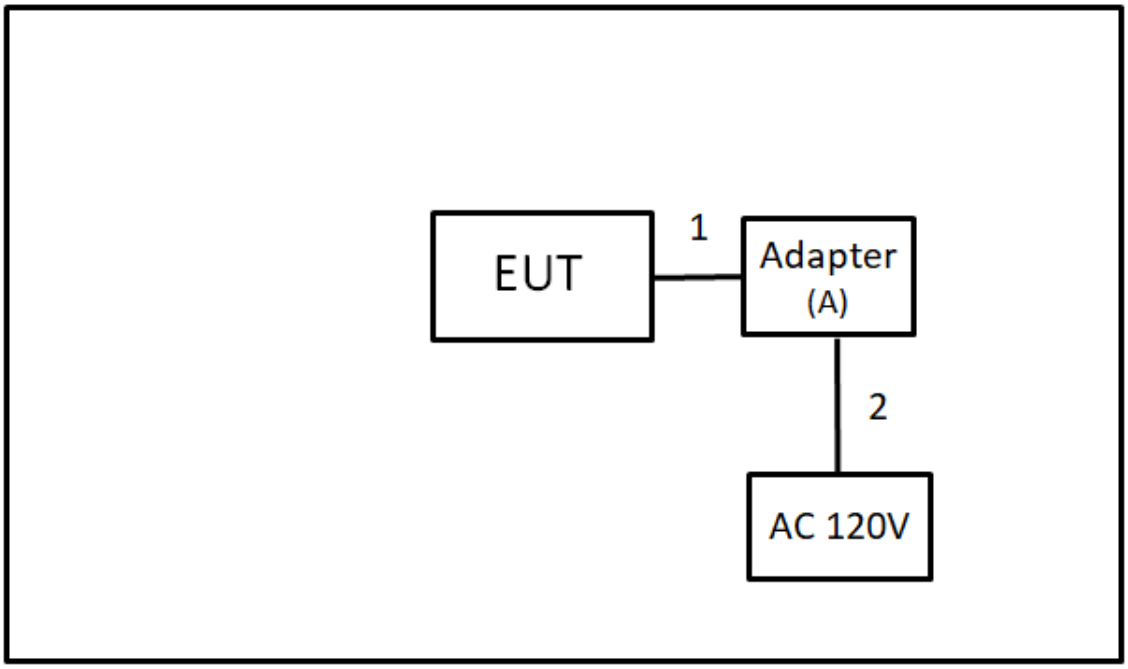
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

2.2 DESCRIPTION OF TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11ax (HEW40)	09	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20) TX Mode_IEEE 802.11ax (HEW20)		
	TX Mode_IEEE 802.11n (HT40) TX Mode_IEEE 802.11ax (HEW40)	03/09	
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/06/11	Harmonic
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (HT40)	03/06/09	

NOTE:
(1) The Radiated emissions test was verified based on the worst conducted power and Bandwidth test results reported in the original report.
(2) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.
(3) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.
(4) There were no emissions found below 30 MHz within 20 dB of the limit.

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Adapter	Lenove	ADLX45YAC3D	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	Adapter Cable	NO	NO	1.8m
2	Power Cord	NO	NO	0.9m

3. AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency of Emission (MHz)	Limit (dBμV)	
	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.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

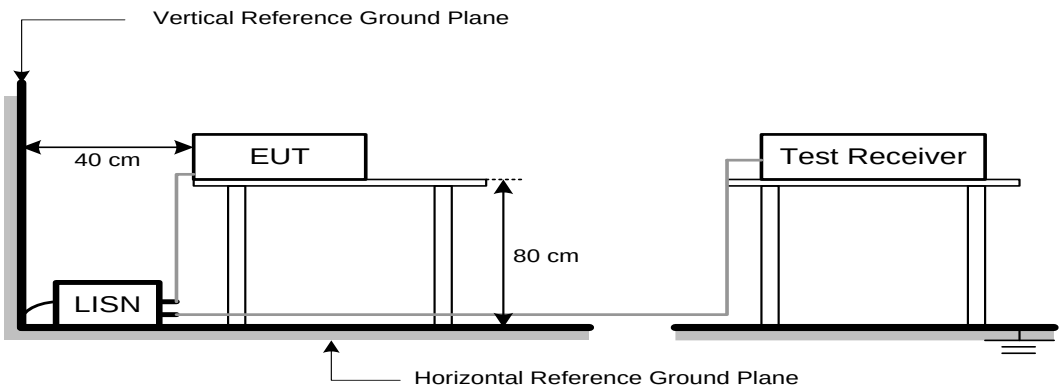
3.2 TEST PROCEDURE

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.

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 TEST

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)	Band edge/ Harmonic at 3m (dBµV/m)		Harmonic at 1.5m (dBµV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	80 (Note 5)	60(Note 5)

NOTE:

(1) The limit for radiated test was performed according to FCC PART 15C.

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

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

(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

(5)

$$FS_{\text{limit}} = FS_{\max} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

20log d limit/d measure=20log 3/1.5=6 dB.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for Peak, 1 MHz / 1/T for Average

Receiver Parameter	Setting
Attenuation	Auto
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

4.2 TEST PROCEDURE

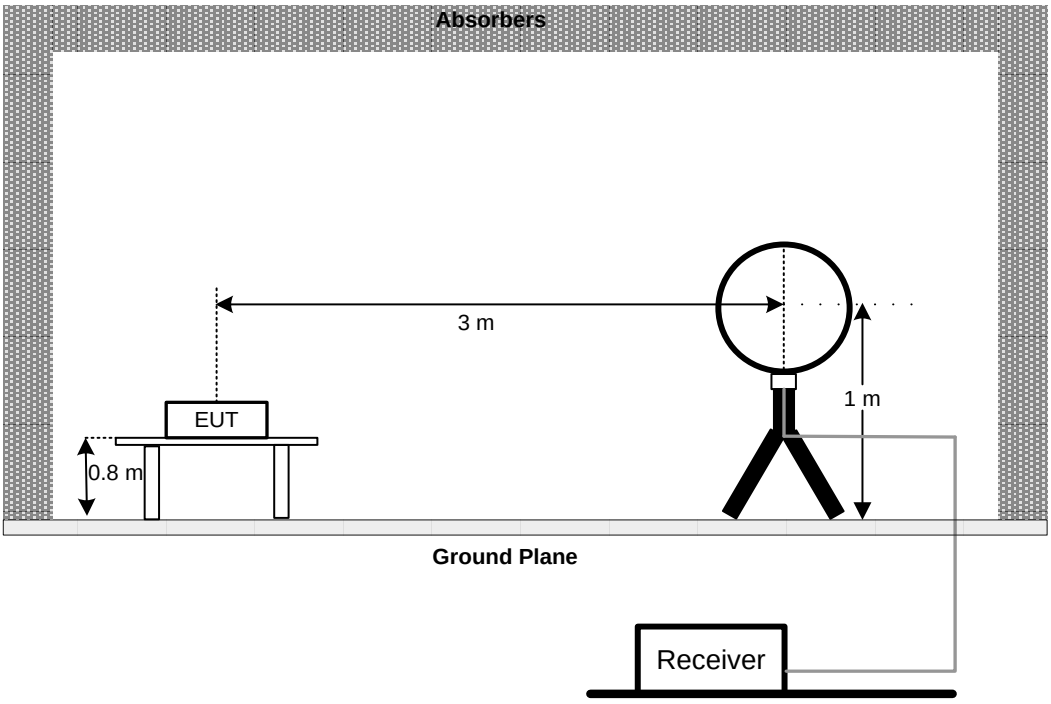
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
b. The measuring distance of 3 m or 1.5m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1 GHz)
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.

4.3 DEVIATION FROM TEST STANDARD

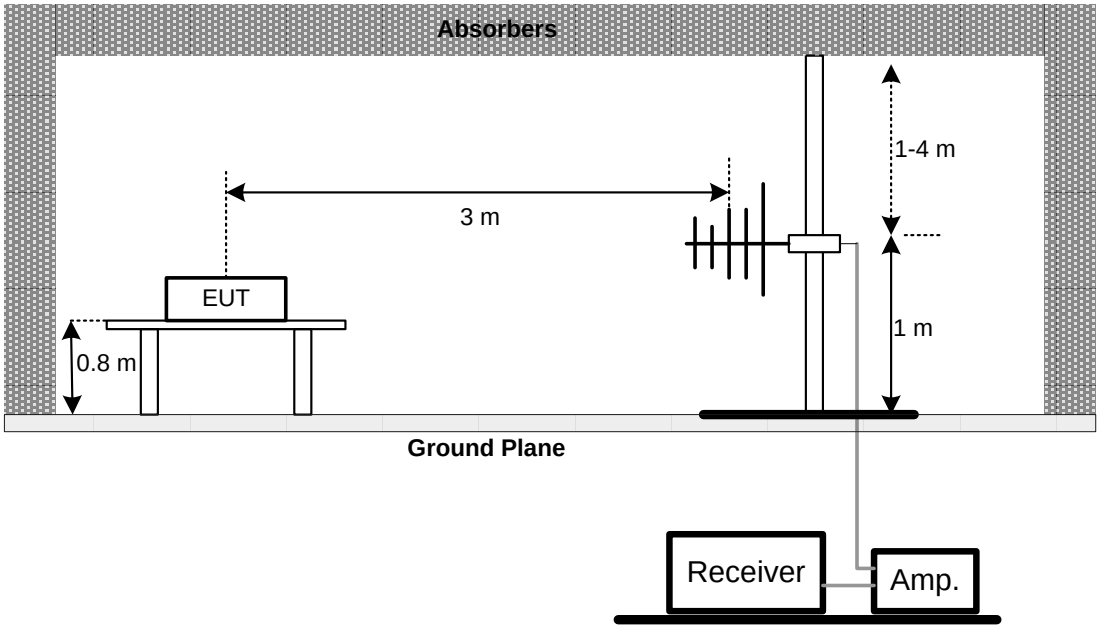
No deviation

4.4 TEST SETUP

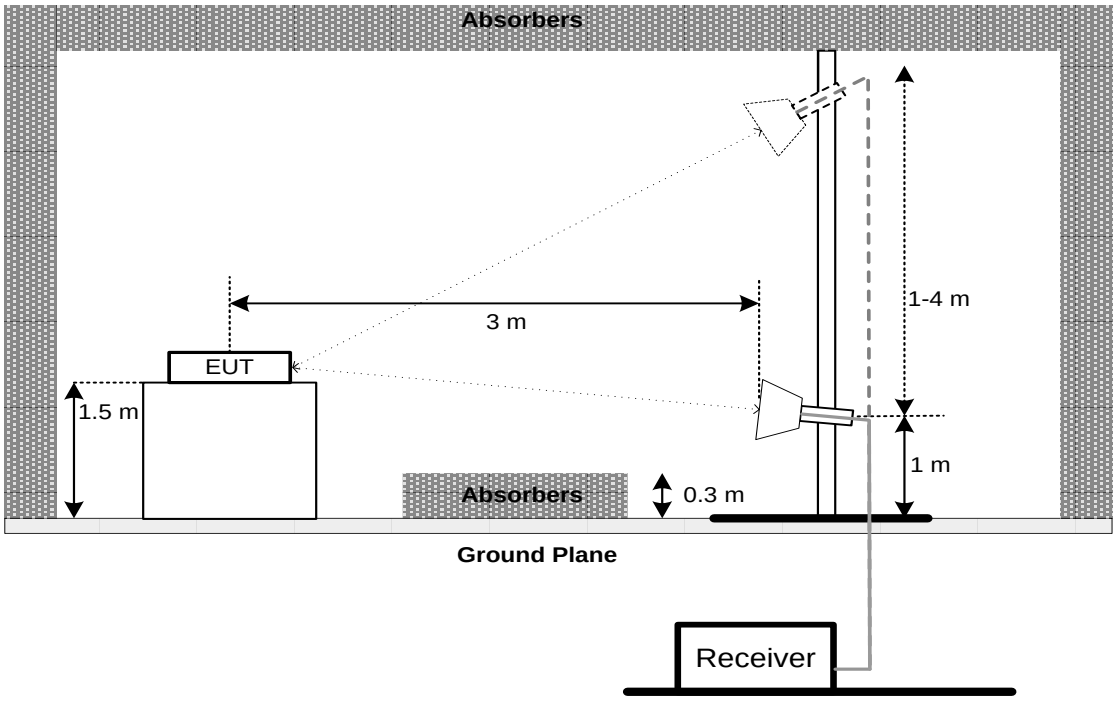
9 kHz-30 MHz



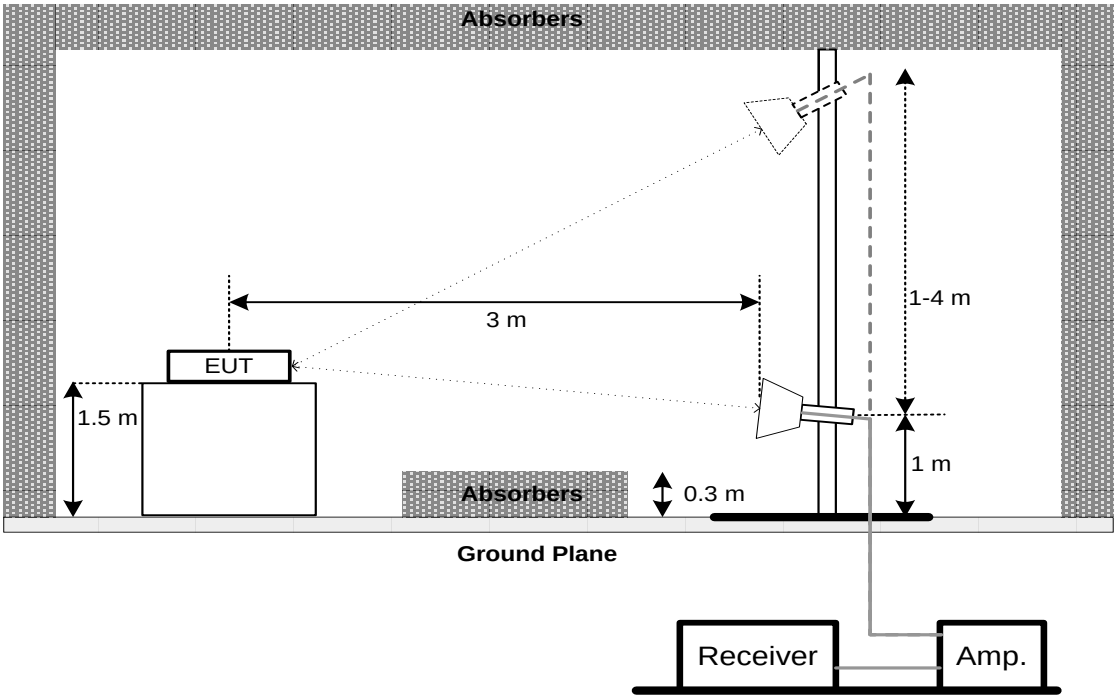
30 MHz to 1 GHz



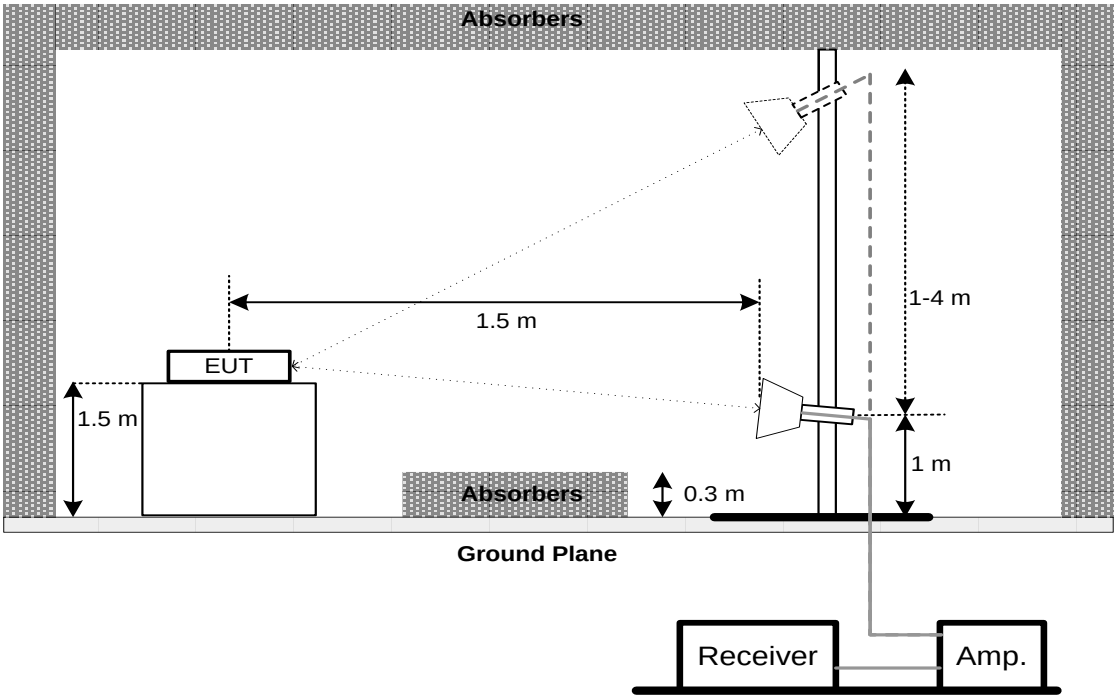
Above 1 GHz
Band edge



Harmonic (1 GHz to 18 GHz)



Harmonic (Above 18 GHz)



4.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX B.

4.7 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX C.

Remark:

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

5. 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, 2021
2	LISN	EMCO	3816/2	52765	Mar. 01, 2021
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 28, 2021
4	50Ω Terminator	SHX	TF5-3	15041305	Mar. 01, 2021
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 10, 2021

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 09, 2021
2*	Amplifier	HP	8447D	2944A09673	Aug. 11, 2021
3	Receiver	Agilent	N9038A	MY52130039	Aug. 03, 2020
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

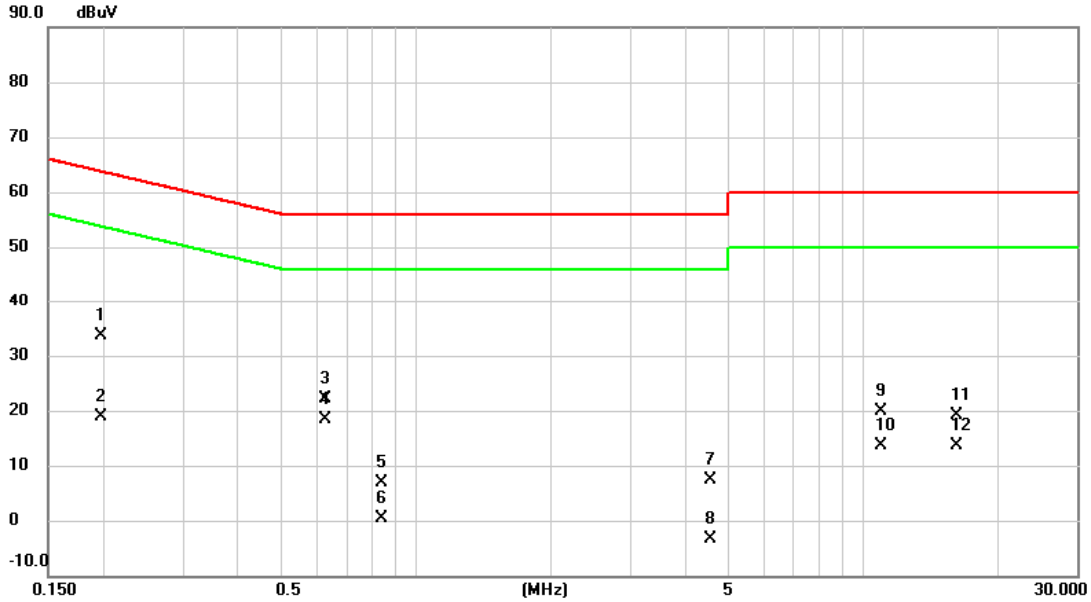
Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	May 12, 2021
2	Amplifier	Agilent	8449B	3008A02333	Mar. 01, 2021
3	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 07, 2021
4	Receiver	Agilent	N9038A	MY52130039	Aug. 03, 2020
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Cable	N/A	EMC104-SM-SM-6 000	N/A	May 09, 2021
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	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.

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode:	Normal

Line

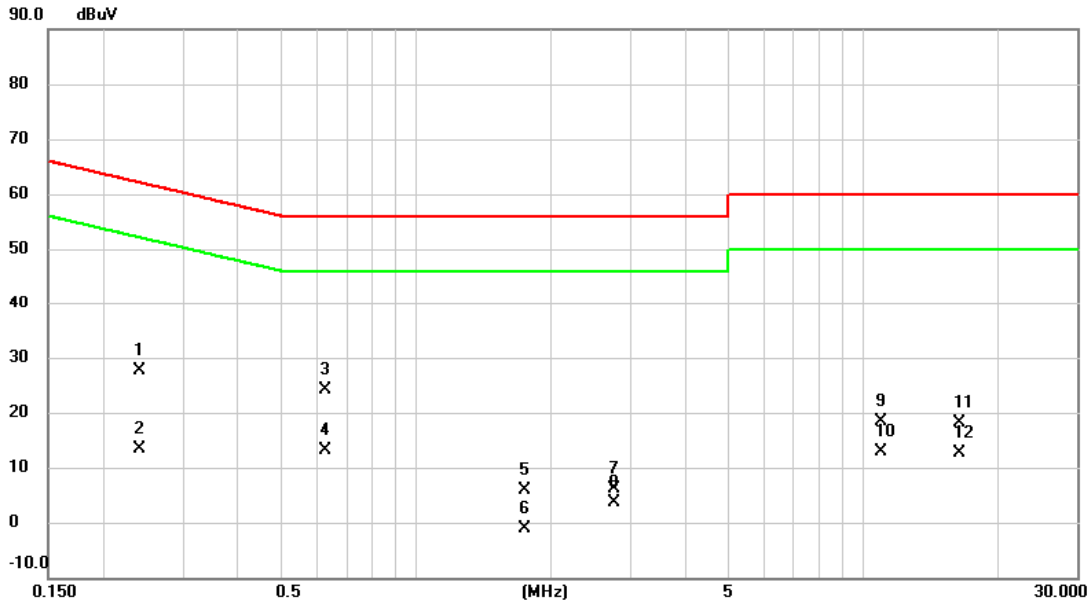


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1973	33.70	0.01	33.71	63.72	-30.01	QP	
2		0.1973	18.87	0.01	18.88	53.72	-34.84	AVG	
3		0.6292	22.19	0.03	22.22	56.00	-33.78	QP	
4	*	0.6292	18.41	0.03	18.44	46.00	-27.56	AVG	
5		0.8385	6.85	0.04	6.89	56.00	-49.11	QP	
6		0.8385	0.30	0.04	0.34	46.00	-45.66	AVG	
7		4.5353	7.27	0.13	7.40	56.00	-48.60	QP	
8		4.5353	-3.54	0.13	-3.41	46.00	-49.41	AVG	
9		10.9613	19.67	0.21	19.88	60.00	-40.12	QP	
10		10.9613	13.53	0.21	13.74	50.00	-36.26	AVG	
11		16.1340	18.86	0.22	19.08	60.00	-40.92	QP	
12		16.1340	13.34	0.22	13.56	50.00	-36.44	AVG	

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

Test Mode:	Normal

Neutral

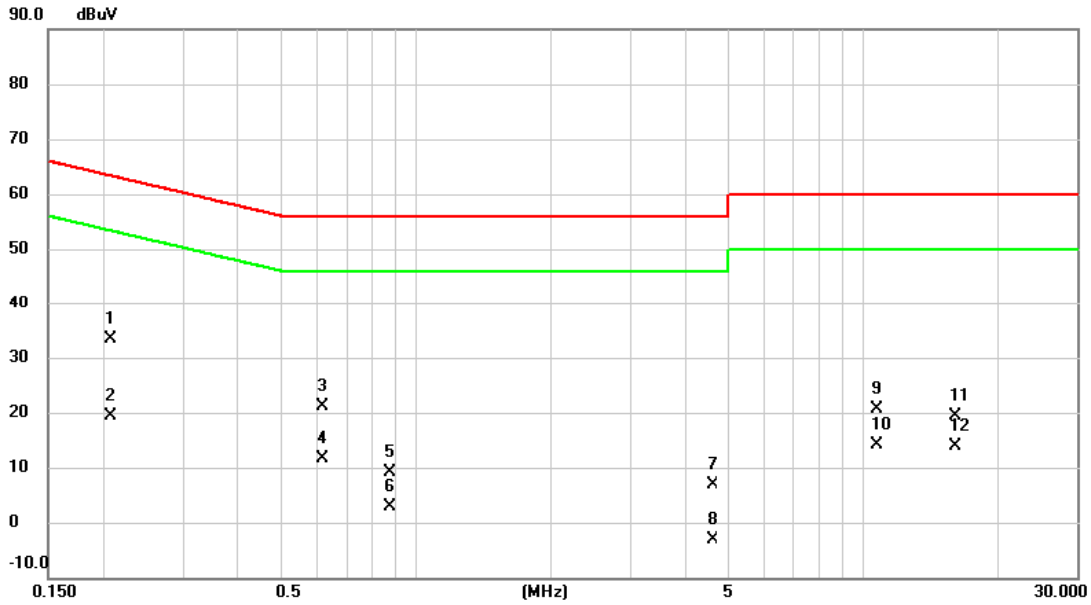


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2404	27.72	0.02	27.74	62.08	-34.34	QP	
2		0.2404	13.45	0.02	13.47	52.08	-38.61	AVG	
3	*	0.6270	24.11	0.03	24.14	56.00	-31.86	QP	
4		0.6270	13.19	0.03	13.22	46.00	-32.78	AVG	
5		1.7475	5.87	0.07	5.94	56.00	-50.06	QP	
6		1.7475	-1.15	0.07	-1.08	46.00	-47.08	AVG	
7		2.7735	6.12	0.09	6.21	56.00	-49.79	QP	
8		2.7735	3.45	0.09	3.54	46.00	-42.46	AVG	
9		10.9950	18.25	0.21	18.46	60.00	-41.54	QP	
10		10.9950	12.73	0.21	12.94	50.00	-37.06	AVG	
11		16.3770	17.90	0.22	18.12	60.00	-41.88	QP	
12		16.3770	12.32	0.22	12.54	50.00	-37.46	AVG	

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

Test Mode:	Idle

Line

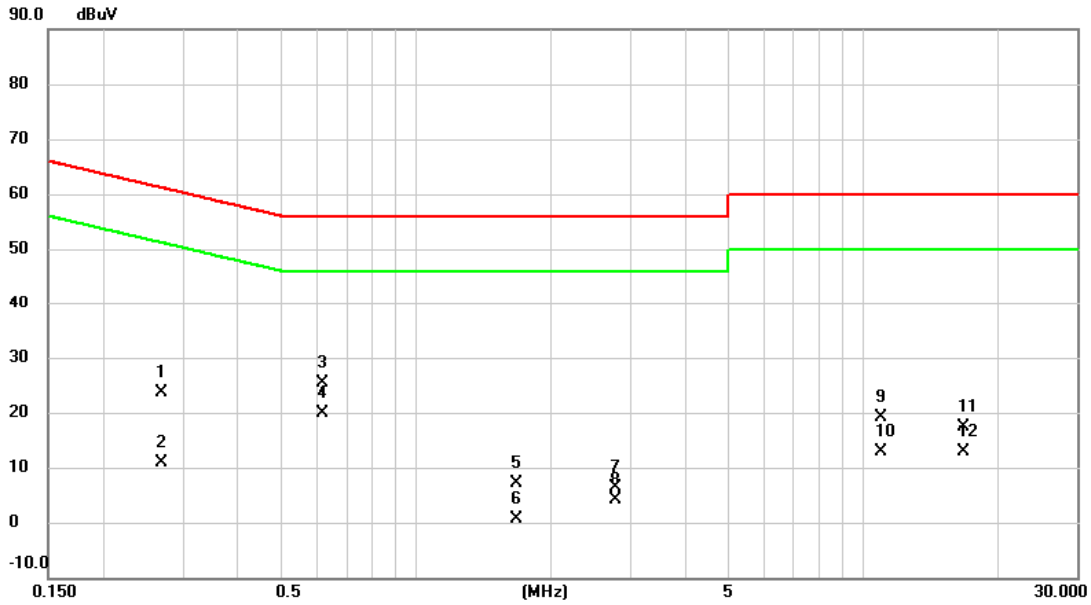


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2063	33.29	0.01	33.30	63.35	-30.05	QP	
2		0.2063	19.31	0.01	19.32	53.35	-34.03	AVG	
3		0.6202	21.04	0.03	21.07	56.00	-34.93	QP	
4		0.6202	11.67	0.03	11.70	46.00	-34.30	AVG	
5		0.8745	9.20	0.04	9.24	56.00	-46.76	QP	
6		0.8745	2.82	0.04	2.86	46.00	-43.14	AVG	
7		4.5893	6.72	0.13	6.85	56.00	-49.15	QP	
8		4.5893	-3.36	0.13	-3.23	46.00	-49.23	AVG	
9		10.7273	20.39	0.21	20.60	60.00	-39.40	QP	
10		10.7273	13.99	0.21	14.20	50.00	-35.80	AVG	
11		16.0890	19.15	0.22	19.37	60.00	-40.63	QP	
12		16.0890	13.54	0.22	13.76	50.00	-36.24	AVG	

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

Test Mode:	Idle

Neutral



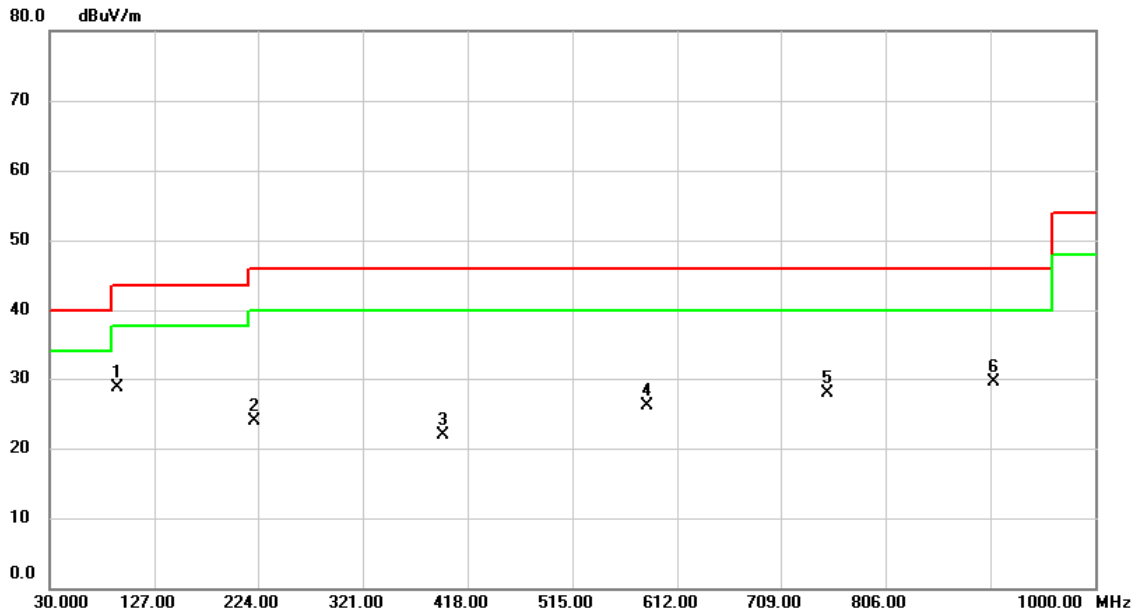
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2692	23.73	0.02	23.75	61.14	-37.39	QP	
2		0.2692	10.89	0.02	10.91	51.14	-40.23	AVG	
3		0.6180	25.24	0.03	25.27	56.00	-30.73	QP	
4	*	0.6180	19.89	0.03	19.92	46.00	-26.08	AVG	
5		1.6778	7.15	0.07	7.22	56.00	-48.78	QP	
6		1.6778	0.44	0.07	0.51	46.00	-45.49	AVG	
7		2.7758	6.21	0.09	6.30	56.00	-49.70	QP	
8		2.7758	4.10	0.09	4.19	46.00	-41.81	AVG	
9		10.9253	18.81	0.21	19.02	60.00	-40.98	QP	
10		10.9253	12.63	0.21	12.84	50.00	-37.16	AVG	
11		16.7843	17.19	0.22	17.41	60.00	-42.59	QP	
12		16.7843	12.73	0.22	12.95	50.00	-37.05	AVG	

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 Mode_IEEE 802.11ax (HEW 40)_2452 MHz

Vertical

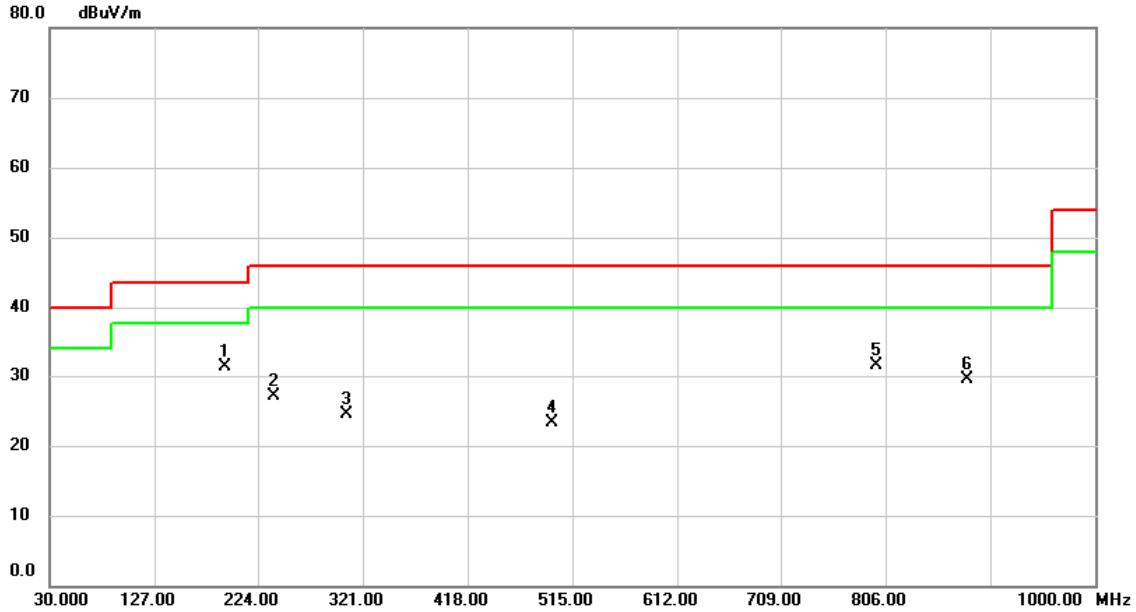


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	92.080	44.15	-15.52	28.63	43.50	-14.87	peak	
2		220.120	38.13	-14.24	23.89	46.00	-22.11	peak	
3		395.690	30.96	-9.11	21.85	46.00	-24.15	peak	
4		583.870	31.97	-5.82	26.15	46.00	-19.85	peak	
5		752.650	31.13	-3.16	27.97	46.00	-18.03	peak	
6		905.910	30.59	-1.00	29.59	46.00	-16.41	peak	

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

Test Mode:	TX Mode_IEEE 802.11ax (HEW 40)_2452 MHz

Horizontal



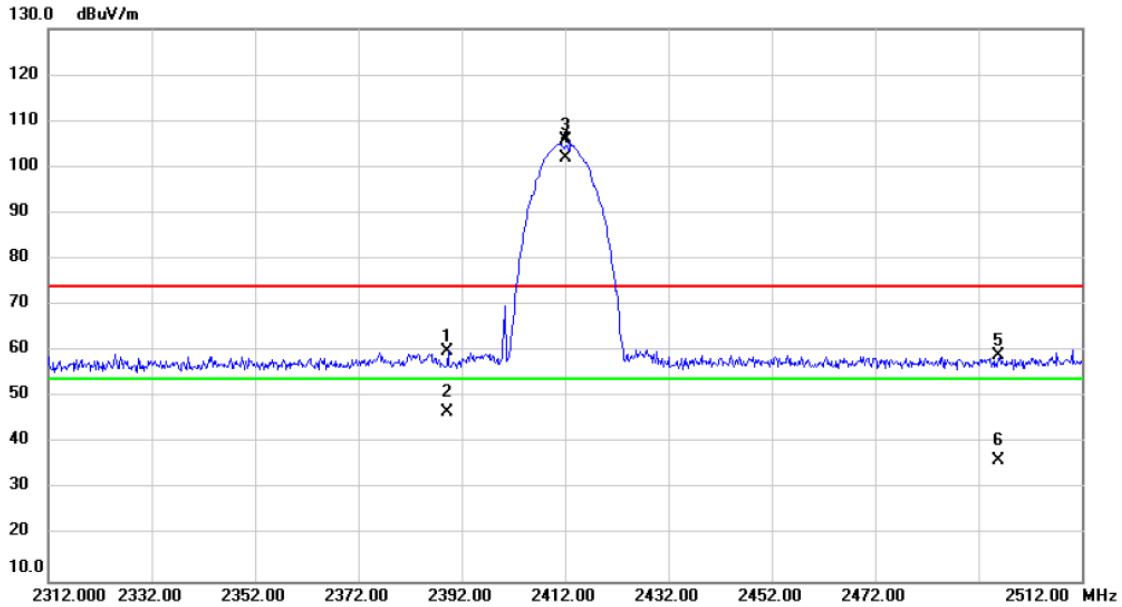
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	192.960	45.63	-14.31	31.32	43.50	-12.18	peak	
2		238.550	40.72	-13.63	27.09	46.00	-18.91	peak	
3		305.480	35.44	-10.92	24.52	46.00	-21.48	peak	
4		496.570	30.67	-7.29	23.38	46.00	-22.62	peak	
5		797.270	34.03	-2.57	31.46	46.00	-14.54	peak	
6		881.660	30.90	-1.37	29.53	46.00	-16.47	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 Mode_IEEE 802.11b_2412 MHz

Horizontal

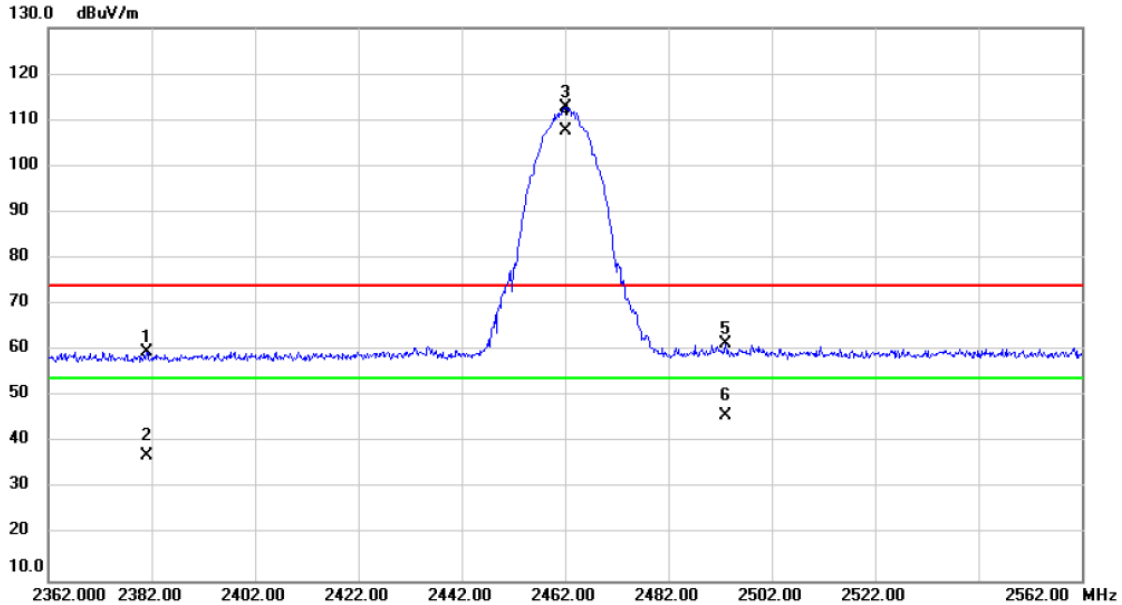


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.200	27.27	32.81	60.08	74.00	-13.92	peak	
2		2389.200	13.97	32.81	46.78	54.00	-7.22	AVG	
3	X	2412.000	73.14	32.83	105.97	74.00	31.97	peak	No Limit
4	*	2412.000	69.04	32.83	101.87	54.00	47.87	AVG	No Limit
5		2495.800	26.30	32.88	59.18	74.00	-14.82	peak	
6		2495.800	3.49	32.88	36.37	54.00	-17.63	AVG	

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

Test Mode	TX Mode_IEEE 802.11b_2462 MHz

Horizontal

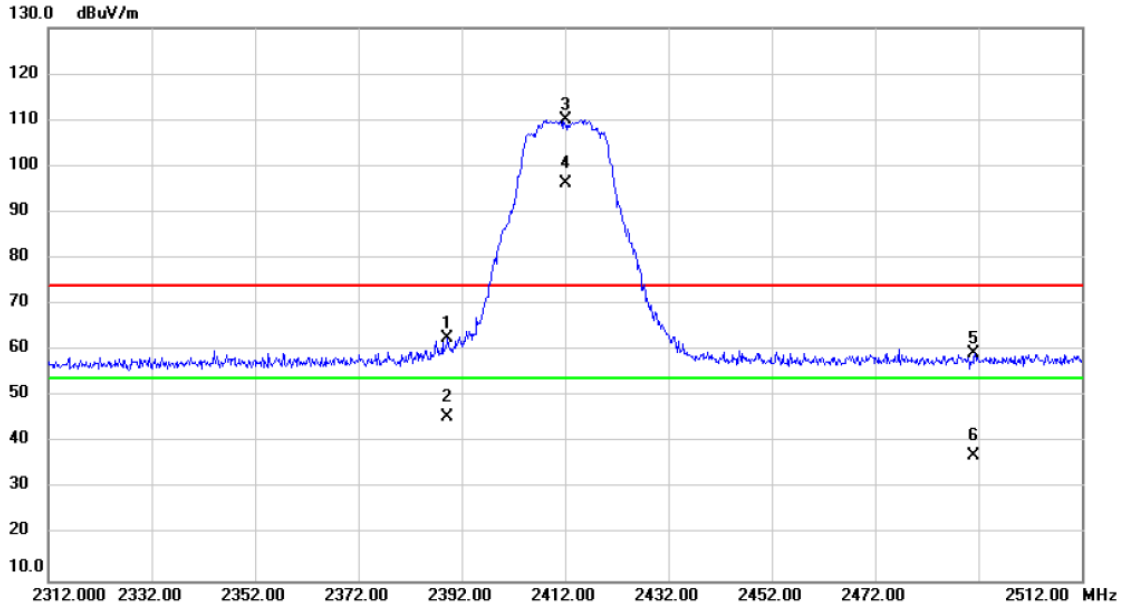


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2381.200	26.85	32.80	59.65	74.00	-14.35	peak	
2		2381.200	4.30	32.80	37.10	54.00	-16.90	AVG	
3	X	2462.000	79.89	32.86	112.75	74.00	38.75	peak	No Limit
4	*	2462.000	74.72	32.86	107.58	54.00	53.58	AVG	No Limit
5		2493.000	28.49	32.87	61.36	74.00	-12.64	peak	
6		2493.000	12.91	32.87	45.78	54.00	-8.22	AVG	

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

Test Mode	TX Mode_IEEE 802.11g_2412 MHz

Horizontal

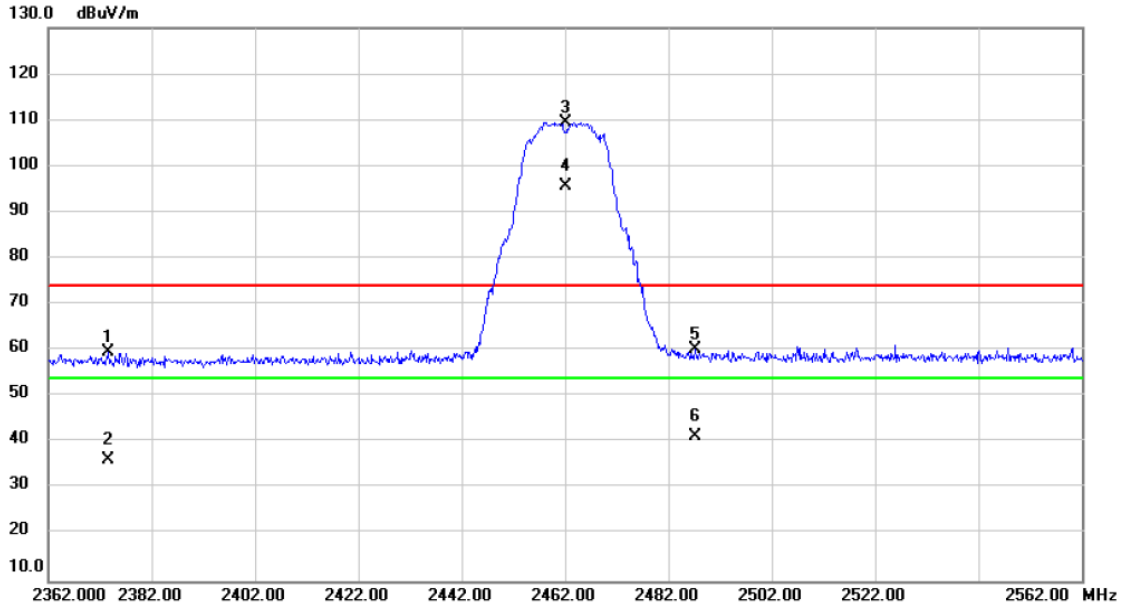


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.200	29.98	32.81	62.79	74.00	-11.21	peak	
2		2389.200	12.86	32.81	45.67	54.00	-8.33	AVG	
3	X	2412.000	77.30	32.83	110.13	74.00	36.13	peak	No Limit
4	*	2412.000	63.38	32.83	96.21	54.00	42.21	AVG	No Limit
5		2491.200	26.54	32.87	59.41	74.00	-14.59	peak	
6		2491.200	4.38	32.87	37.25	54.00	-16.75	AVG	

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

Test Mode	TX Mode_IEEE 802.11g_2462 MHz

Horizontal

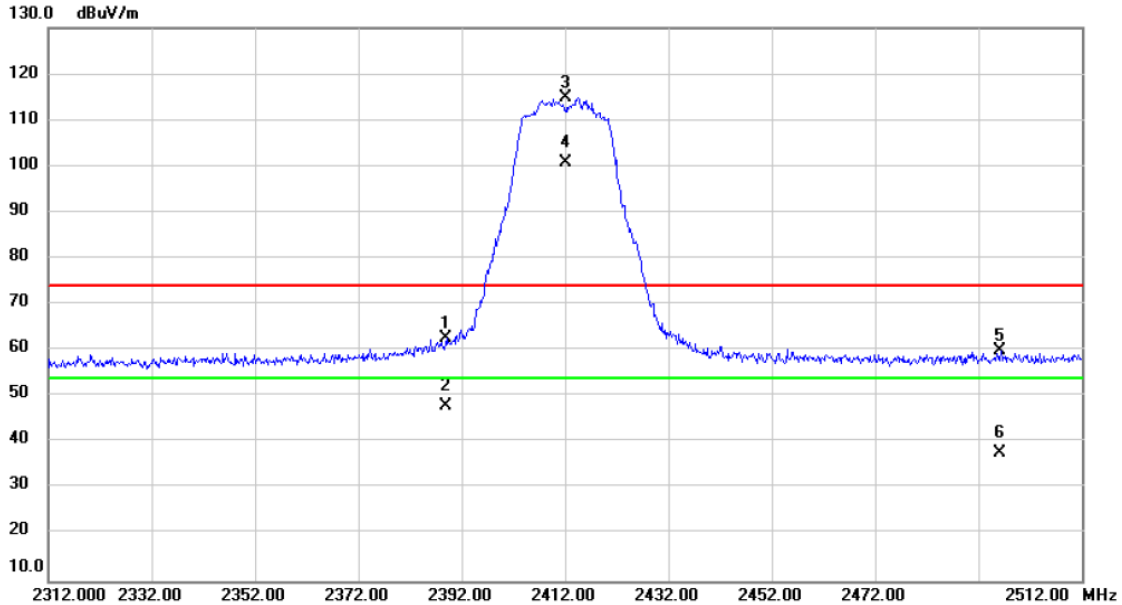


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2373.600	26.76	32.81	59.57	74.00	-14.43	peak	
2		2373.600	3.37	32.81	36.18	54.00	-17.82	AVG	
3	X	2462.000	76.65	32.86	109.51	74.00	35.51	peak	No Limit
4	*	2462.000	62.94	32.86	95.80	54.00	41.80	AVG	No Limit
5		2487.200	27.36	32.87	60.23	74.00	-13.77	peak	
6		2487.200	8.58	32.87	41.45	54.00	-12.55	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT20)_2412 MHz

Horizontal

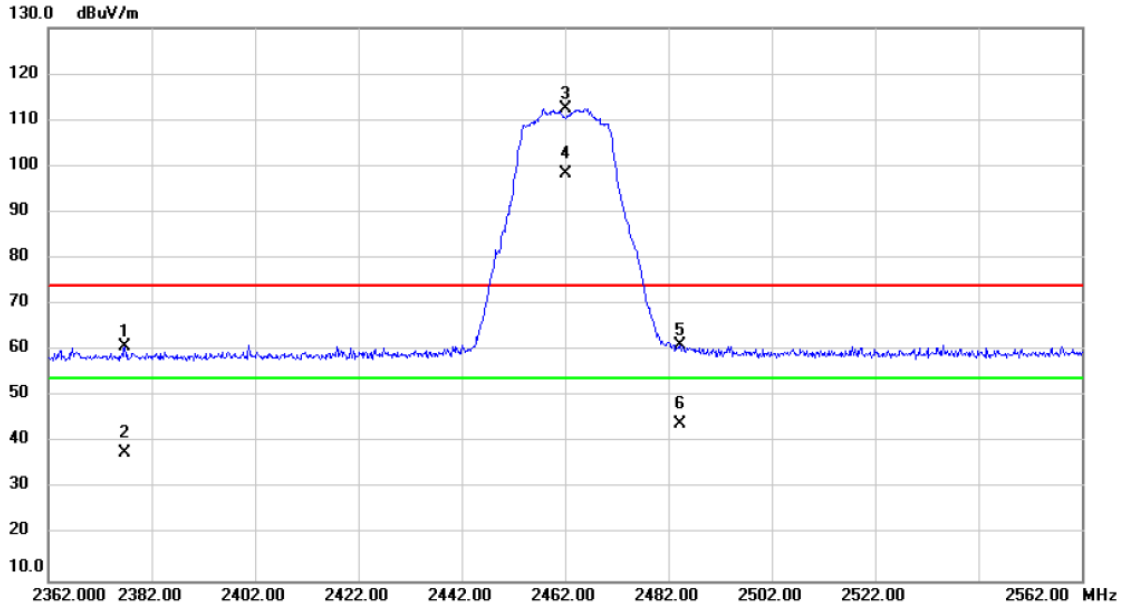


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.000	29.89	32.81	62.70	74.00	-11.30	peak	
2		2389.000	15.23	32.81	48.04	54.00	-5.96	AVG	
3	X	2412.000	82.14	32.83	114.97	74.00	40.97	peak	No Limit
4	*	2412.000	67.87	32.83	100.70	54.00	46.70	AVG	No Limit
5		2496.200	27.19	32.88	60.07	74.00	-13.93	peak	
6		2496.200	4.74	32.88	37.62	54.00	-16.38	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT20)_2462 MHz

Horizontal

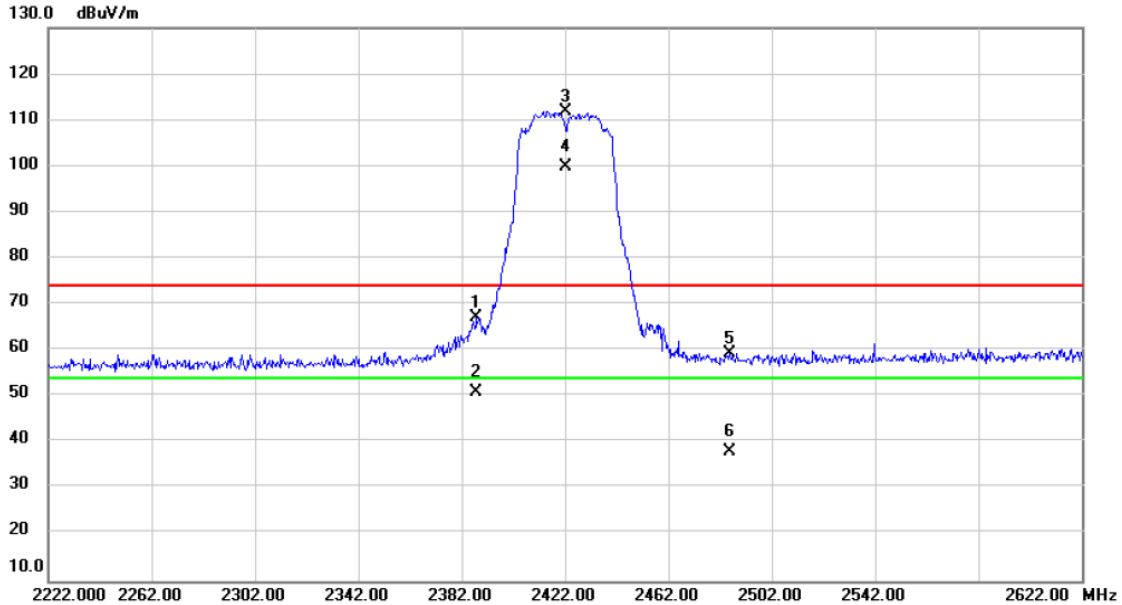


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2376.800	27.94	32.80	60.74	74.00	-13.26	peak	
2		2376.800	4.95	32.80	37.75	54.00	-16.25	AVG	
3	X	2462.000	79.61	32.86	112.47	74.00	38.47	peak	No Limit
4	*	2462.000	65.36	32.86	98.22	54.00	44.22	AVG	No Limit
5		2484.200	28.30	32.87	61.17	74.00	-12.83	peak	
6		2484.200	11.18	32.87	44.05	54.00	-9.95	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT40)_2422 MHz

Horizontal

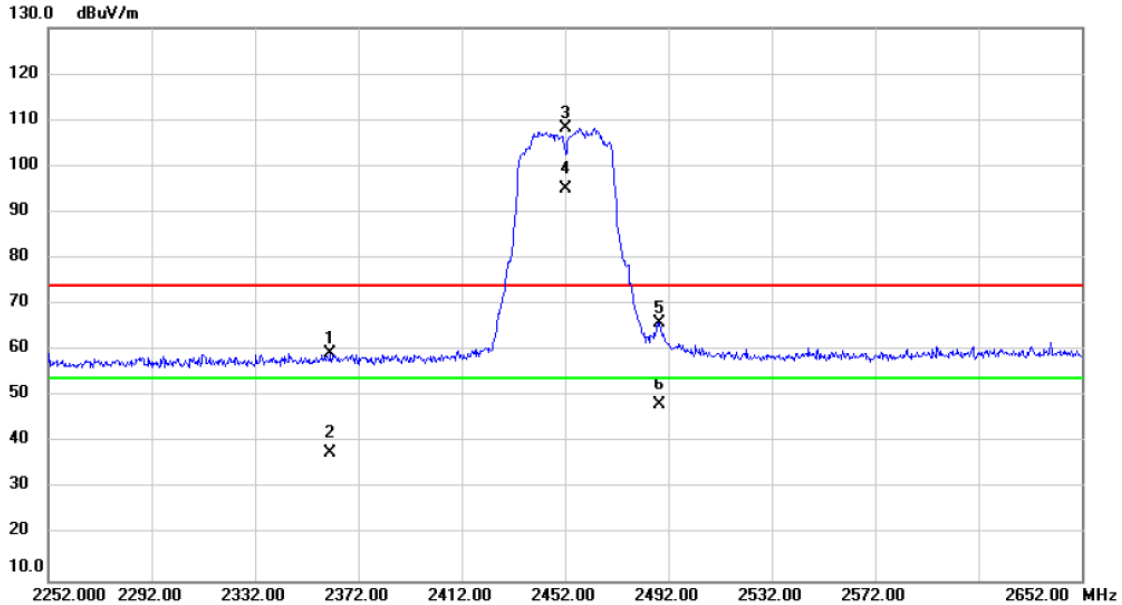


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.600	34.41	32.81	67.22	74.00	-6.78	peak	
2		2387.600	18.21	32.81	51.02	54.00	-2.98	AVG	
3	X	2422.000	79.06	32.84	111.90	74.00	37.90	peak	No Limit
4	*	2422.000	66.92	32.84	99.76	54.00	45.76	AVG	No Limit
5		2485.600	26.57	32.87	59.44	74.00	-14.56	peak	
6		2485.600	5.07	32.87	37.94	54.00	-16.06	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT40)_2452 MHz

Horizontal

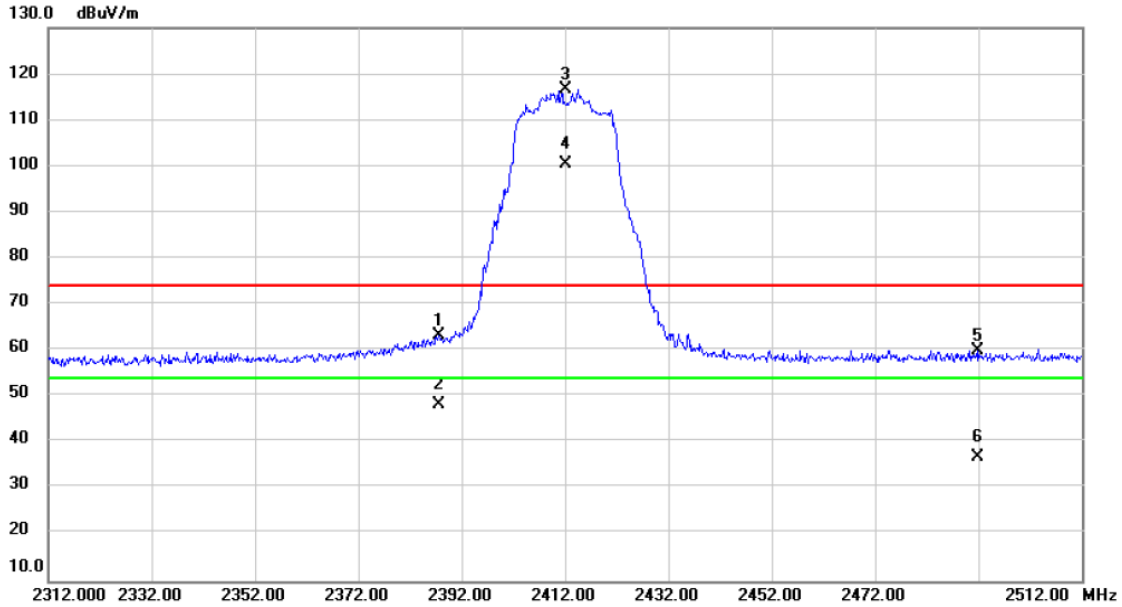


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2361.200	26.57	32.80	59.37	74.00	-14.63	peak	
2		2361.200	5.03	32.80	37.83	54.00	-16.17	AVG	
3	X	2452.000	75.46	32.85	108.31	74.00	34.31	peak	No Limit
4	*	2452.000	62.34	32.85	95.19	54.00	41.19	AVG	No Limit
5		2488.400	33.04	32.87	65.91	74.00	-8.09	peak	
6		2488.400	15.30	32.87	48.17	54.00	-5.83	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW20)_2412 MHz

Horizontal

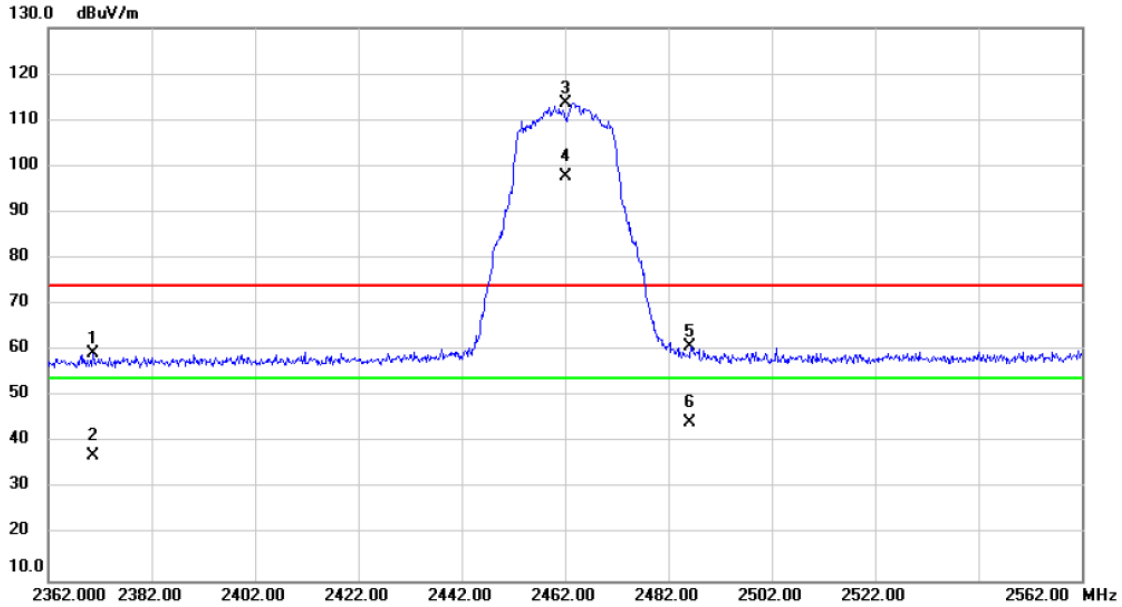


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.600	30.36	32.81	63.17	74.00	-10.83	peak	
2		2387.600	15.52	32.81	48.33	54.00	-5.67	AVG	
3	X	2412.000	83.81	32.83	116.64	74.00	42.64	peak	No Limit
4	*	2412.000	67.55	32.83	100.38	54.00	46.38	AVG	No Limit
5		2491.800	27.07	32.87	59.94	74.00	-14.06	peak	
6		2491.800	3.99	32.87	36.86	54.00	-17.14	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW 20)_2462 MHz

Horizontal

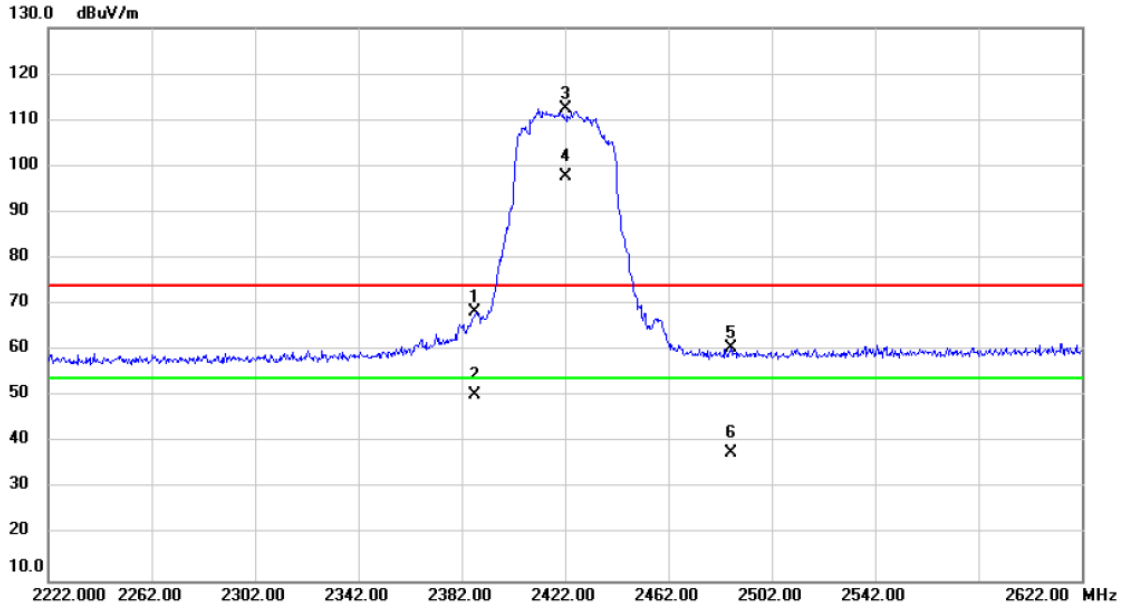


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2370.600	26.47	32.80	59.27	74.00	-14.73	peak	
2		2370.600	4.27	32.80	37.07	54.00	-16.93	AVG	
3	X	2462.000	80.76	32.86	113.62	74.00	39.62	peak	No Limit
4	*	2462.000	64.85	32.86	97.71	54.00	43.71	AVG	No Limit
5		2486.200	27.85	32.87	60.72	74.00	-13.28	peak	
6		2486.200	11.63	32.87	44.50	54.00	-9.50	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW 40)_2422 MHz

Horizontal

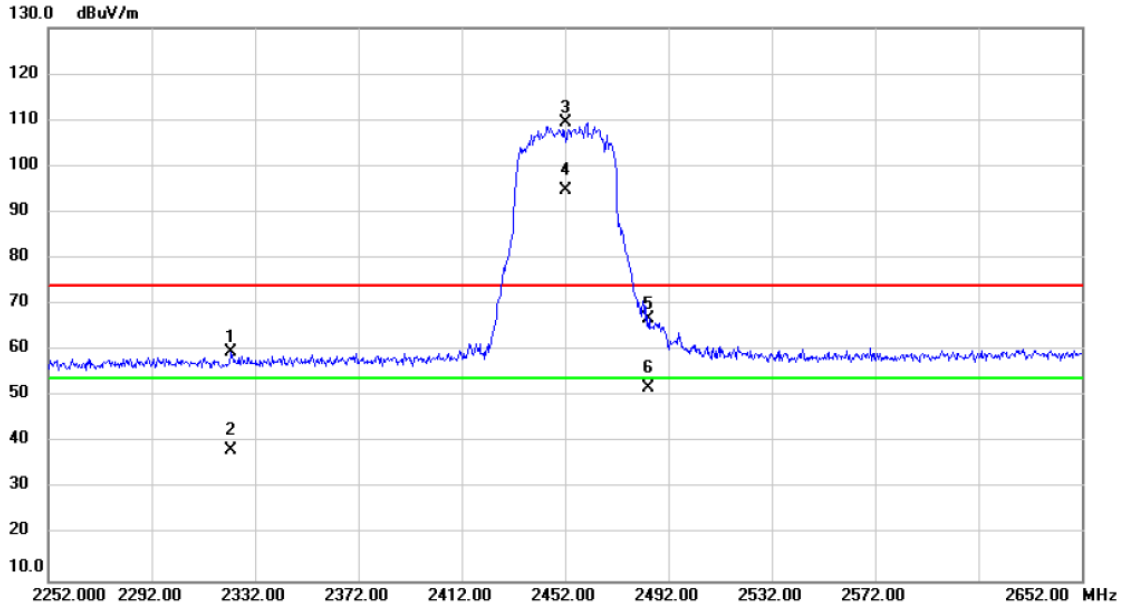


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.200	35.64	32.81	68.45	74.00	-5.55	peak	
2		2387.200	17.51	32.81	50.32	54.00	-3.68	AVG	
3	X	2422.000	79.54	32.84	112.38	74.00	38.38	peak	No Limit
4	*	2422.000	64.95	32.84	97.79	54.00	43.79	AVG	No Limit
5		2486.000	27.69	32.87	60.56	74.00	-13.44	peak	
6		2486.000	4.74	32.87	37.61	54.00	-16.39	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW 40)_2452 MHz

Horizontal

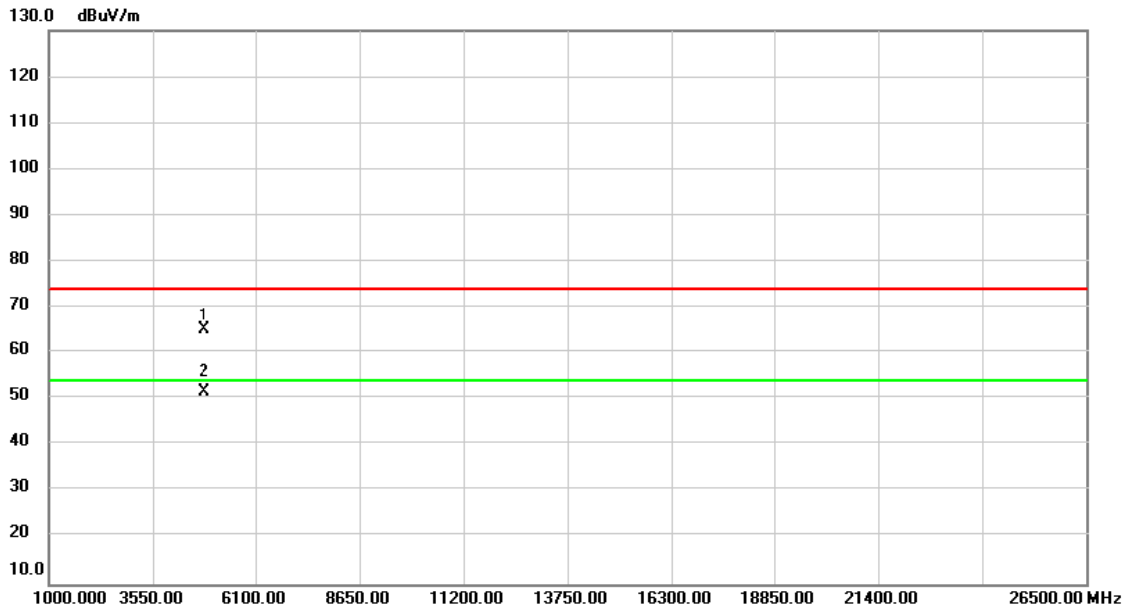


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2322.800	27.01	32.77	59.78	74.00	-14.22	peak	
2		2322.800	5.58	32.77	38.35	54.00	-15.65	AVG	
3	X	2452.000	76.48	32.85	109.33	74.00	35.33	peak	No Limit
4	*	2452.000	61.87	32.85	94.72	54.00	40.72	AVG	No Limit
5		2484.400	33.84	32.87	66.71	74.00	-7.29	peak	
6		2484.400	18.97	32.87	51.84	54.00	-2.16	AVG	

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

Test Mode	TX Mode_IEEE 802.11b_2412 MHz

Vertical

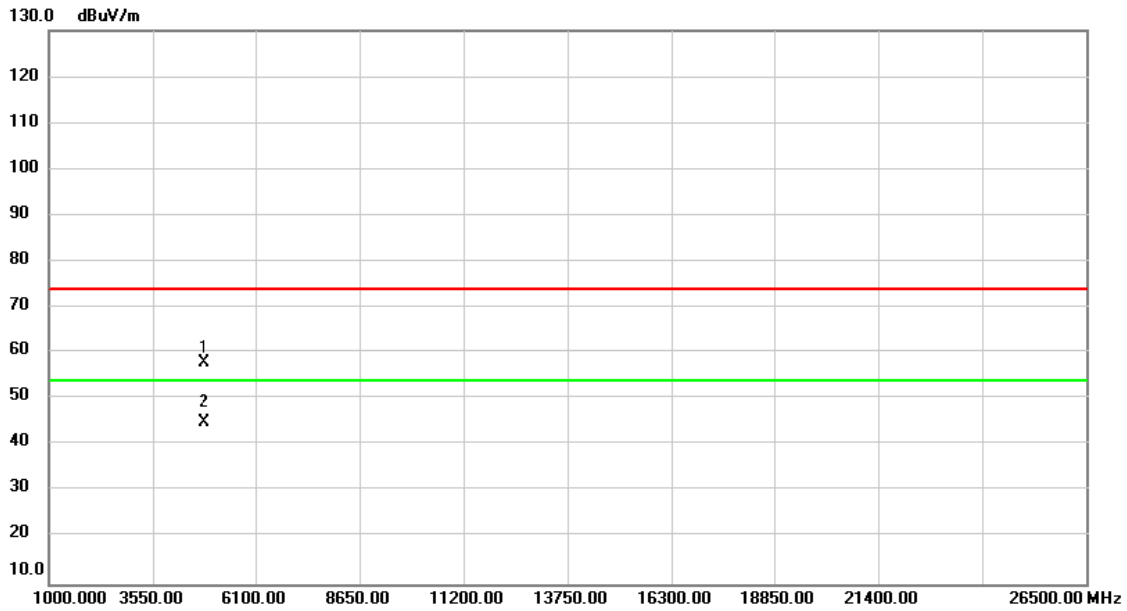


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	59.76	5.32	65.08	74.00	-8.92	peak	
2	*	4824.000	46.24	5.32	51.56	54.00	-2.44	AVG	

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

Test Mode	TX Mode_IEEE 802.11b_2412 MHz

Horizontal

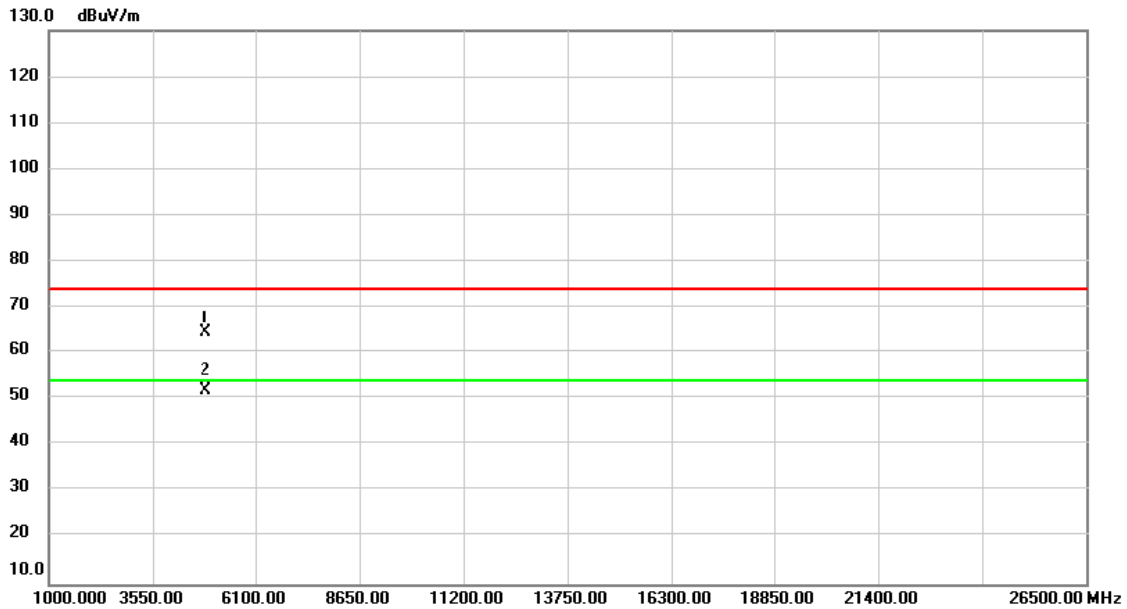


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	52.57	5.32	57.89	74.00	-16.11	peak	
2	*	4824.000	39.56	5.32	44.88	54.00	-9.12	AVG	

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

Test Mode	TX Mode_IEEE 802.11b_2437 MHz

Vertical

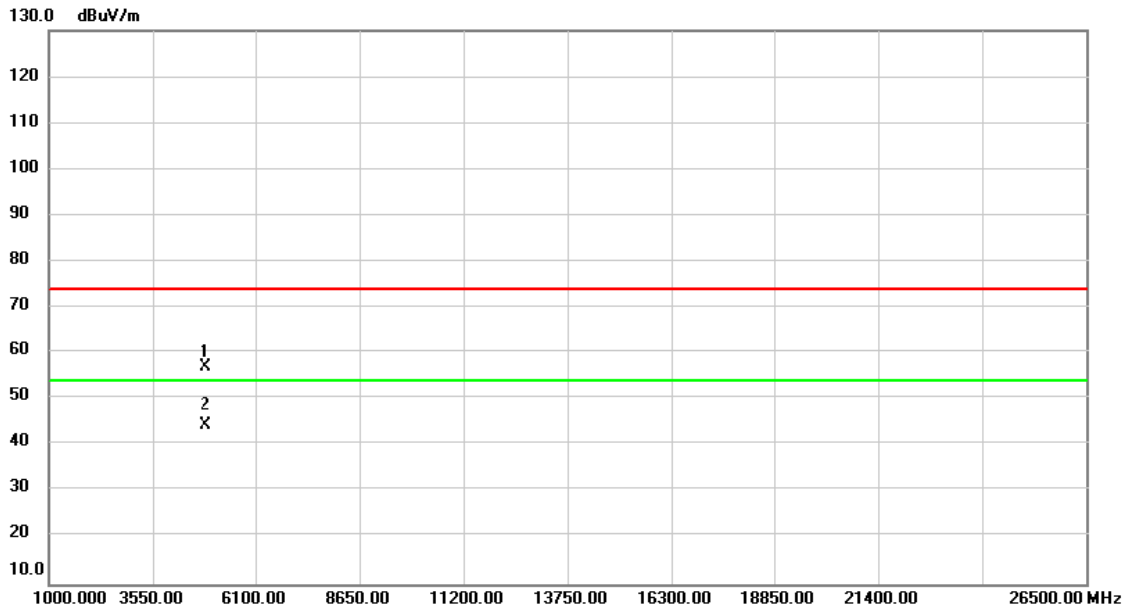


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	59.03	5.46	64.49	74.00	-9.51	peak	
2	*	4874.000	46.32	5.46	51.78	54.00	-2.22	AVG	

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

Test Mode	TX Mode_IEEE 802.11b_2437 MHz

Horizontal

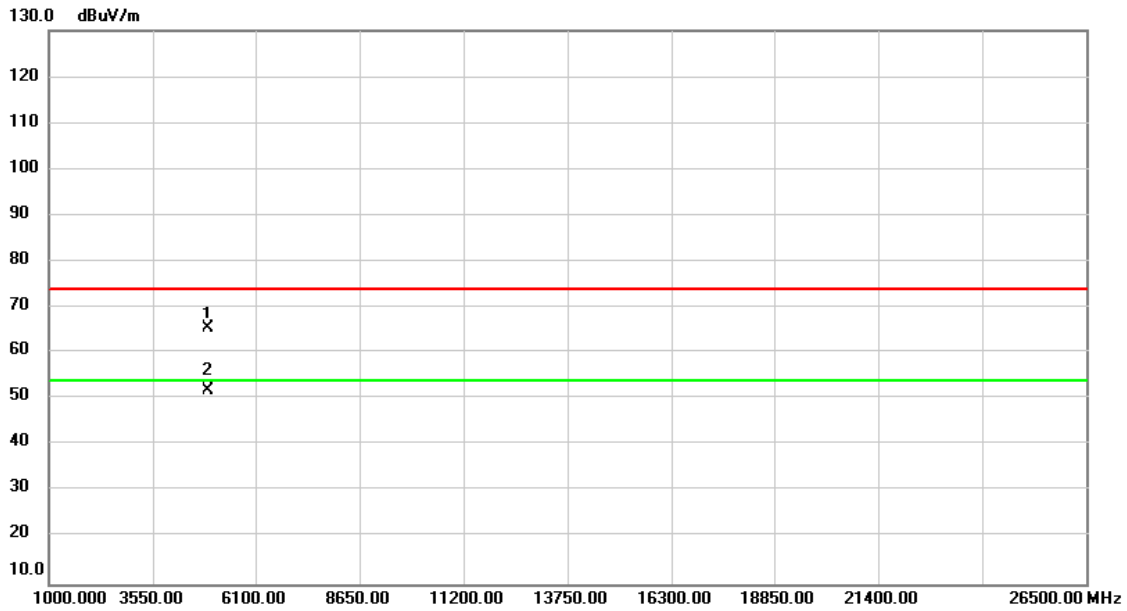


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	51.52	5.46	56.98	74.00	-17.02	peak	
2	*	4874.000	38.99	5.46	44.45	54.00	-9.55	AVG	

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

Test Mode	TX Mode_IEEE 802.11b_2462 MHz

Vertical

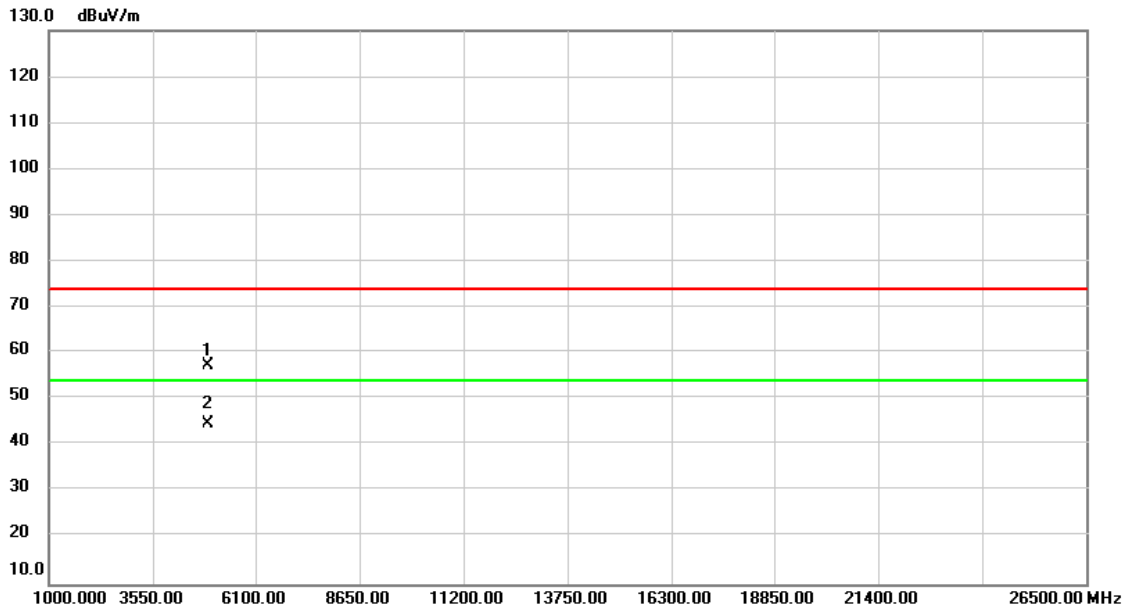


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	59.90	5.59	65.49	74.00	-8.51	peak	
2	*	4924.000	46.41	5.59	52.00	54.00	-2.00	AVG	

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

Test Mode	TX Mode_IEEE 802.11b_2462 MHz

Horizontal

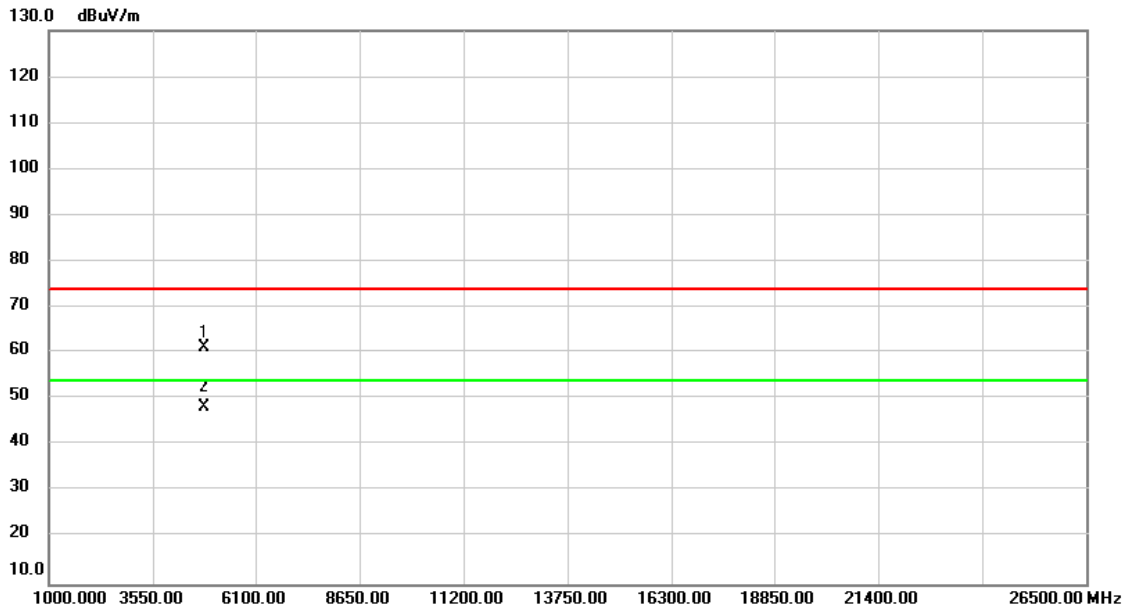


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	51.67	5.59	57.26	74.00	-16.74	peak	
2	*	4924.000	38.95	5.59	44.54	54.00	-9.46	AVG	

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

Test Mode	TX Mode_IEEE 802.11g_2412 MHz

Vertical

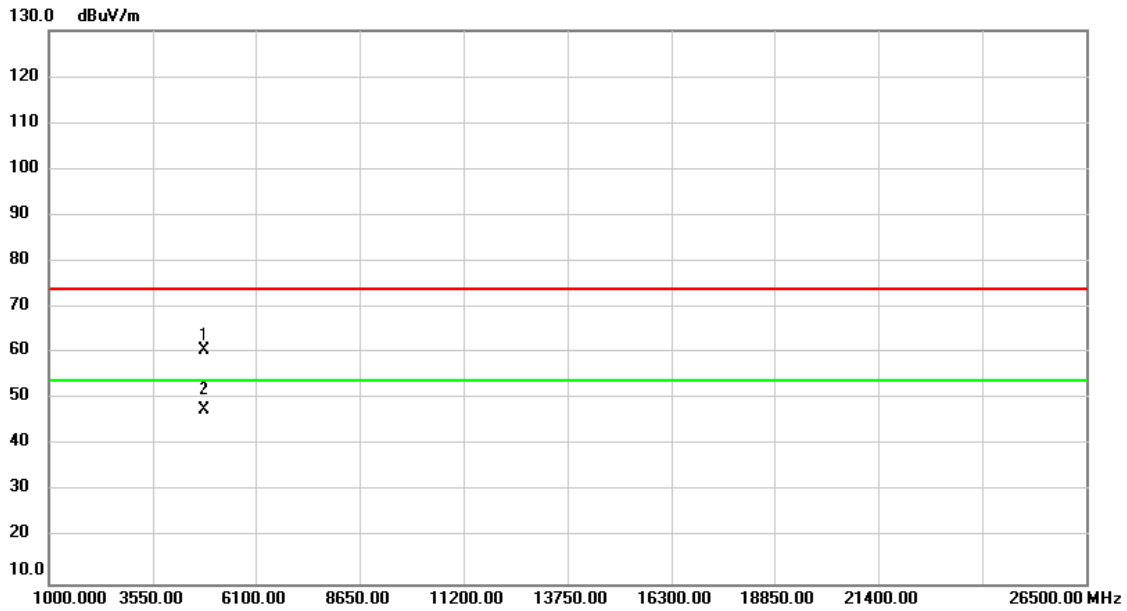


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	55.91	5.32	61.23	74.00	-12.77	peak	
2	*	4824.000	42.91	5.32	48.23	54.00	-5.77	AVG	

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

Test Mode	TX Mode_IEEE 802.11g_2412 MHz

Horizontal

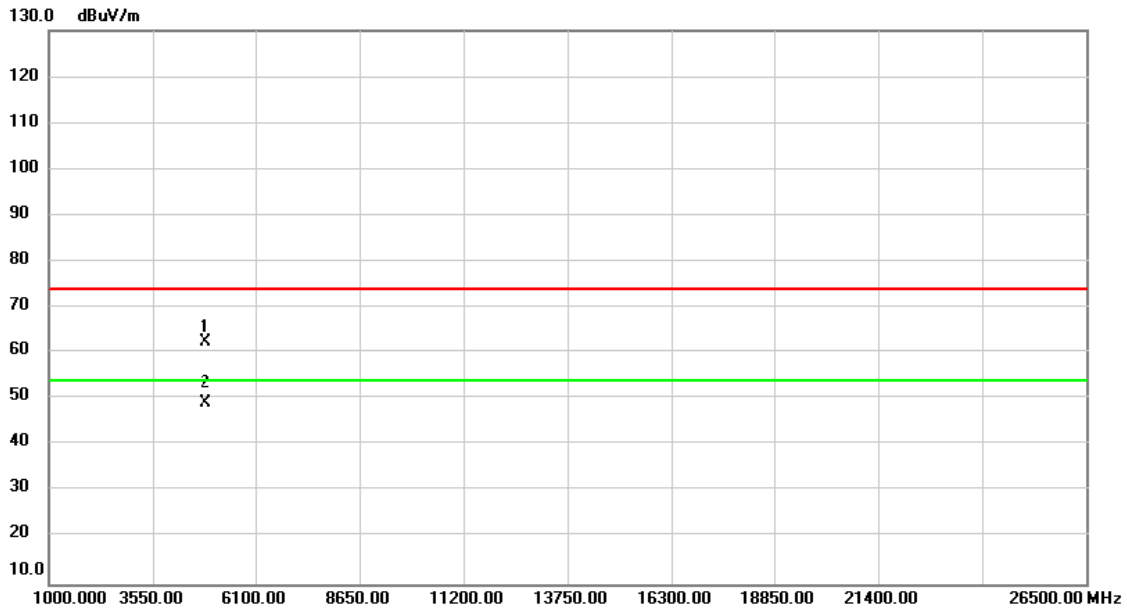


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	55.17	5.32	60.49	74.00	-13.51	peak	
2	*	4824.000	42.40	5.32	47.72	54.00	-6.28	AVG	

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

Test Mode	TX Mode_IEEE 802.11g_2437 MHz

Vertical

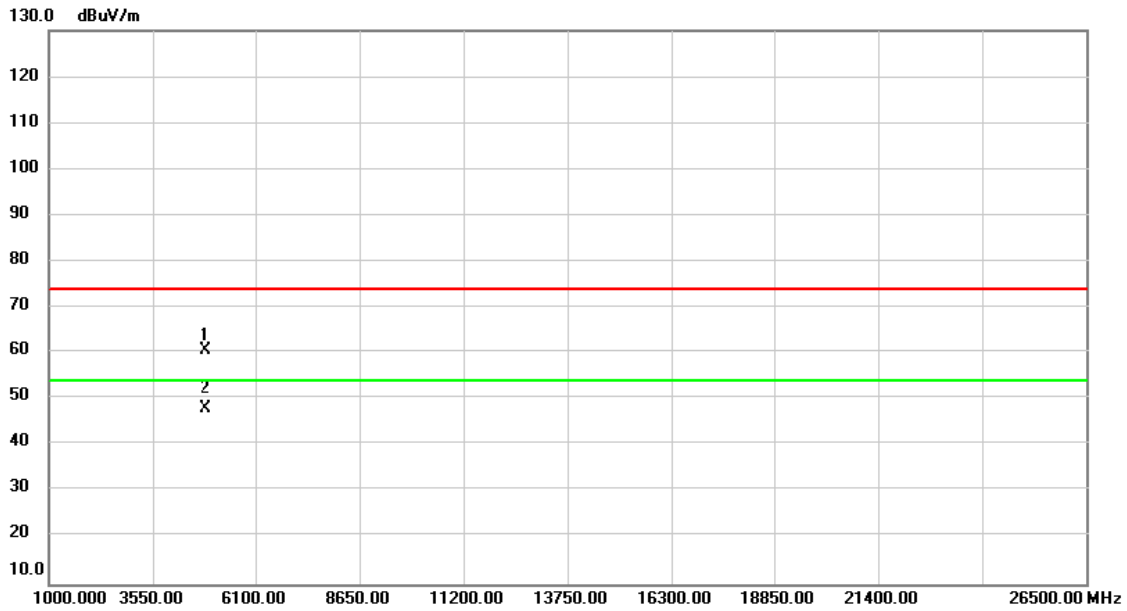


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	56.87	5.46	62.33	74.00	-11.67	peak	
2	*	4874.000	43.60	5.46	49.06	54.00	-4.94	AVG	

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

Test Mode	TX Mode_IEEE 802.11g_2437 MHz

Horizontal

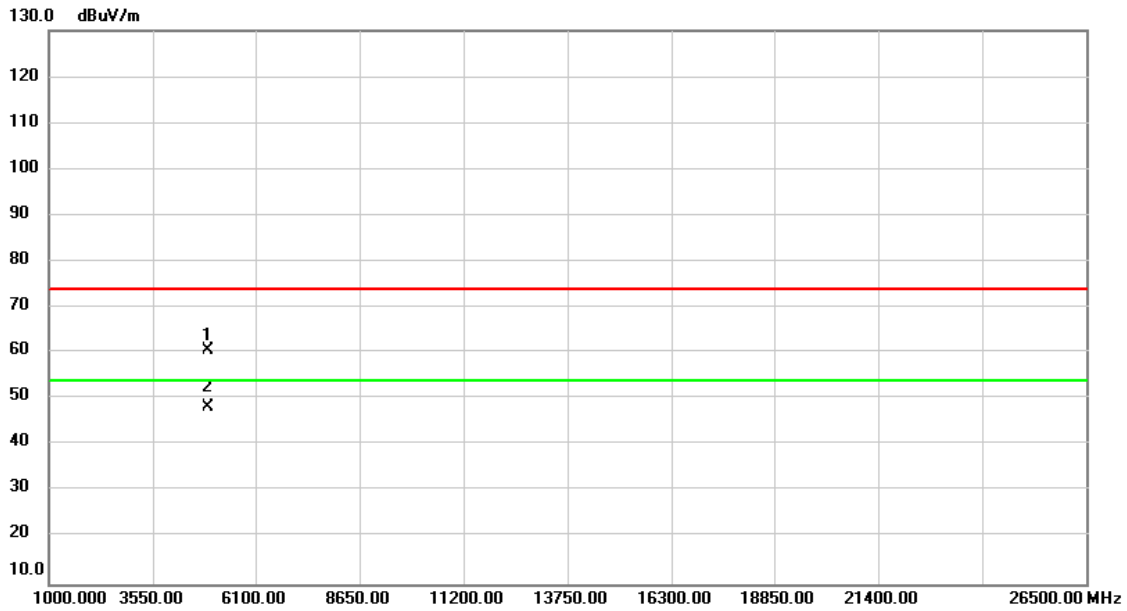


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	55.06	5.46	60.52	74.00	-13.48	peak	
2	*	4874.000	42.57	5.46	48.03	54.00	-5.97	AVG	

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

Test Mode	TX Mode_IEEE 802.11g_2462 MHz

Vertical

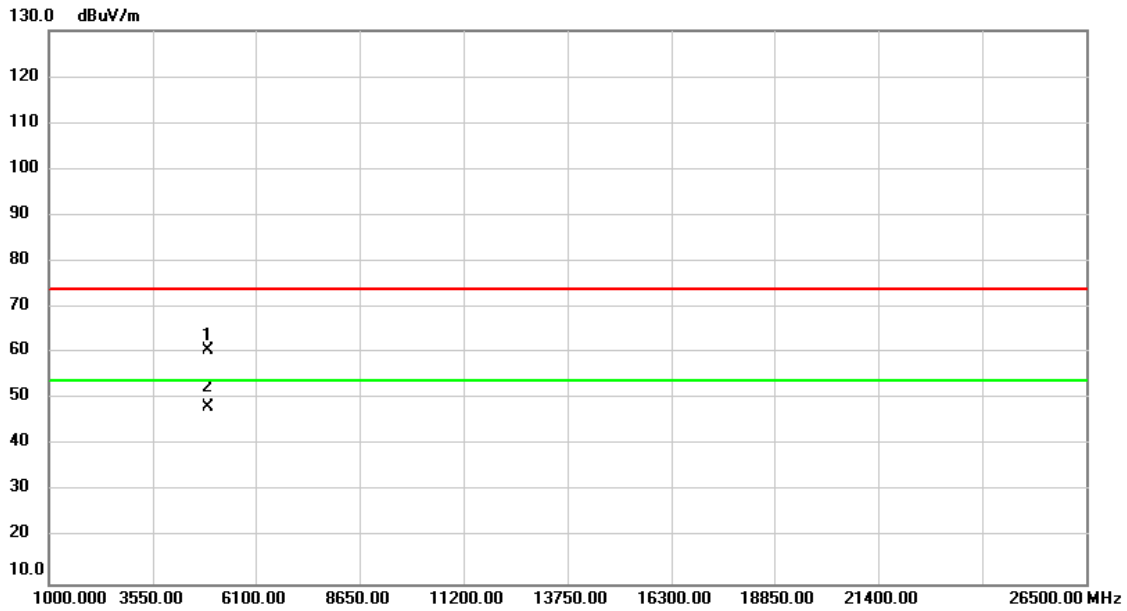


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	55.03	5.59	60.62	74.00	-13.38	peak	
2	*	4924.000	42.67	5.59	48.26	54.00	-5.74	AVG	

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

Test Mode	TX Mode_IEEE 802.11g_2462 MHz

Horizontal

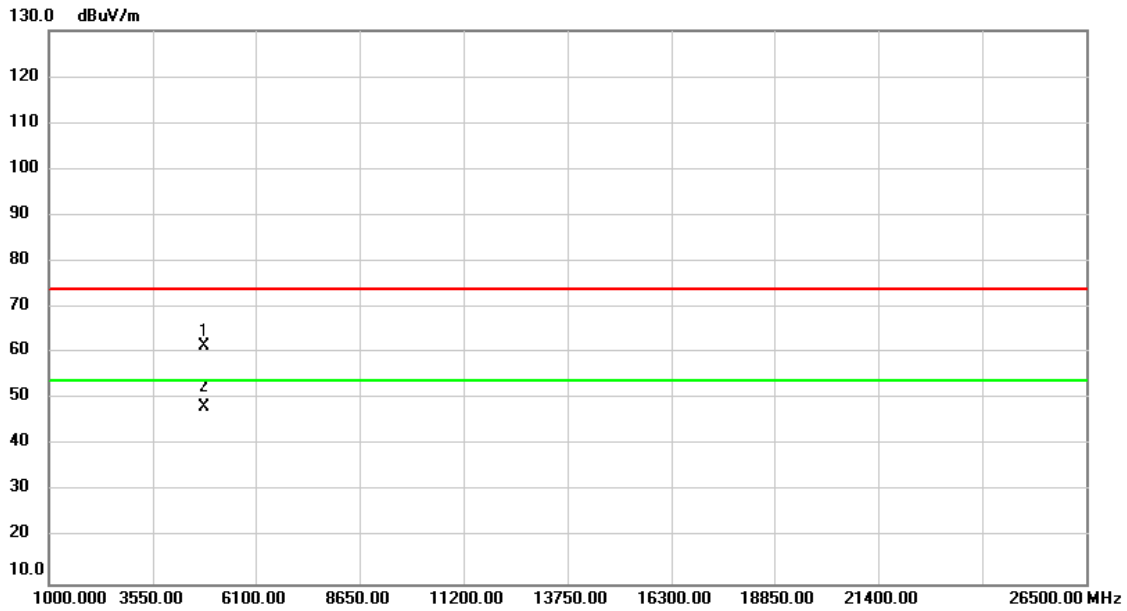


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	54.82	5.59	60.41	74.00	-13.59	peak	
2	*	4924.000	42.63	5.59	48.22	54.00	-5.78	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT20)_2412 MHz

Vertical

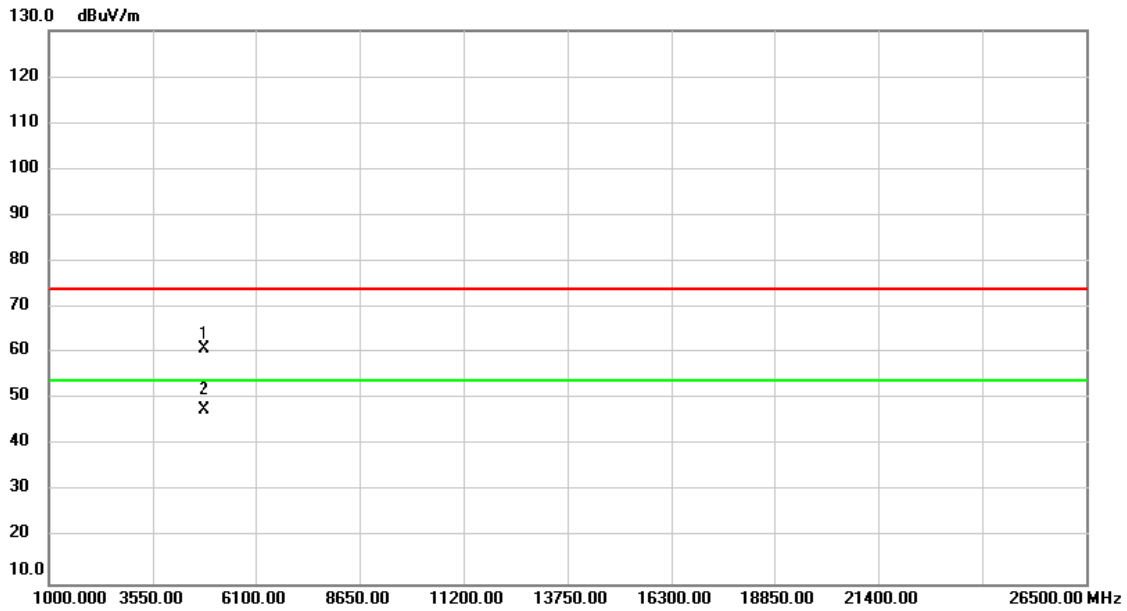


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	56.03	5.32	61.35	74.00	-12.65	peak	
2	*	4824.000	42.78	5.32	48.10	54.00	-5.90	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT20)_2412 MHz

Horizontal

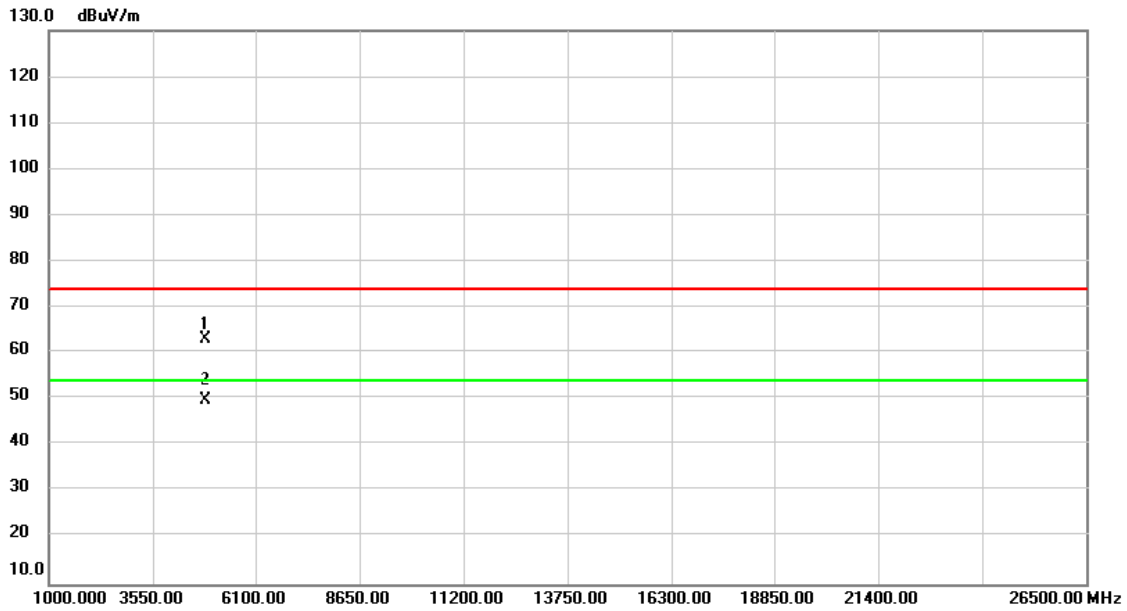


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	55.61	5.32	60.93	74.00	-13.07	peak	
2	*	4824.000	42.34	5.32	47.66	54.00	-6.34	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT20)_2437 MHz

Vertical

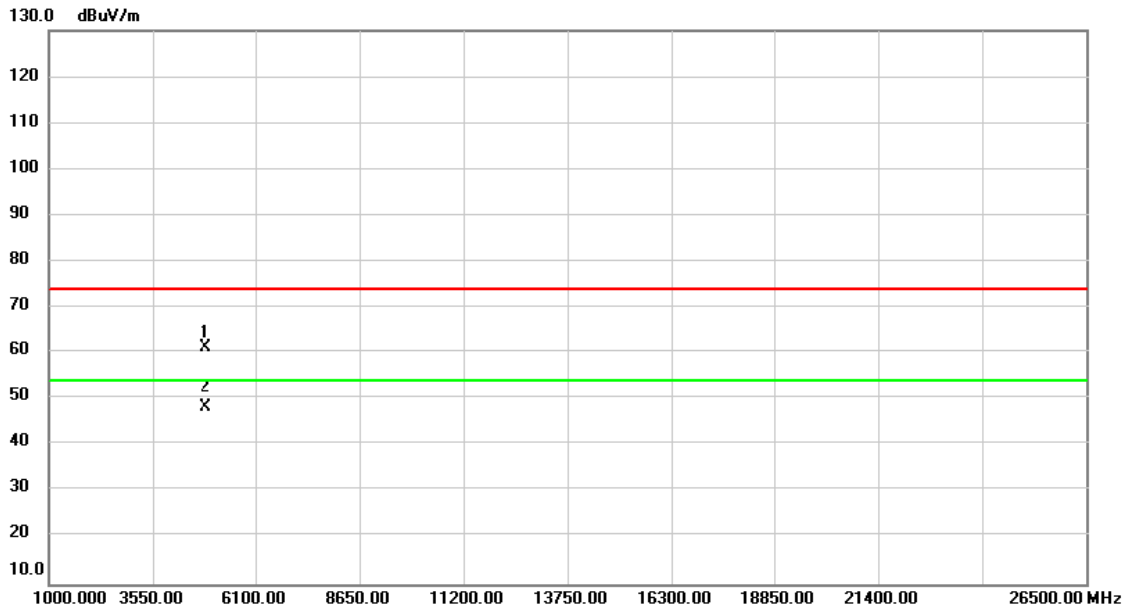


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	57.43	5.46	62.89	74.00	-11.11	peak	
2	*	4874.000	44.27	5.46	49.73	54.00	-4.27	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT20)_2437 MHz

Horizontal

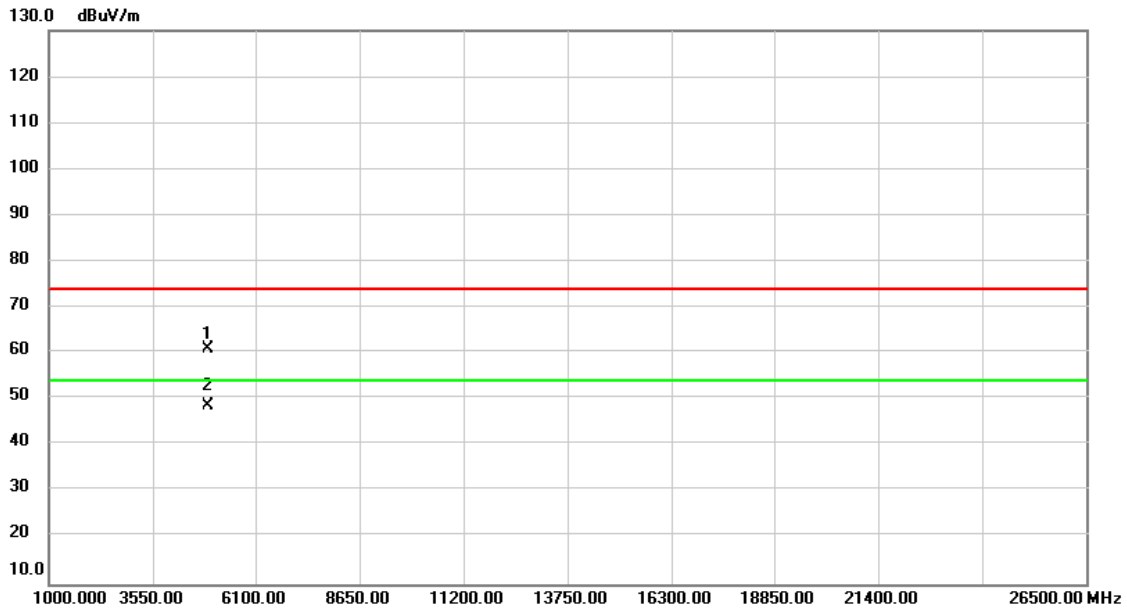


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	55.69	5.46	61.15	74.00	-12.85	peak	
2	*	4874.000	42.78	5.46	48.24	54.00	-5.76	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT20)_2462 MHz

Vertical

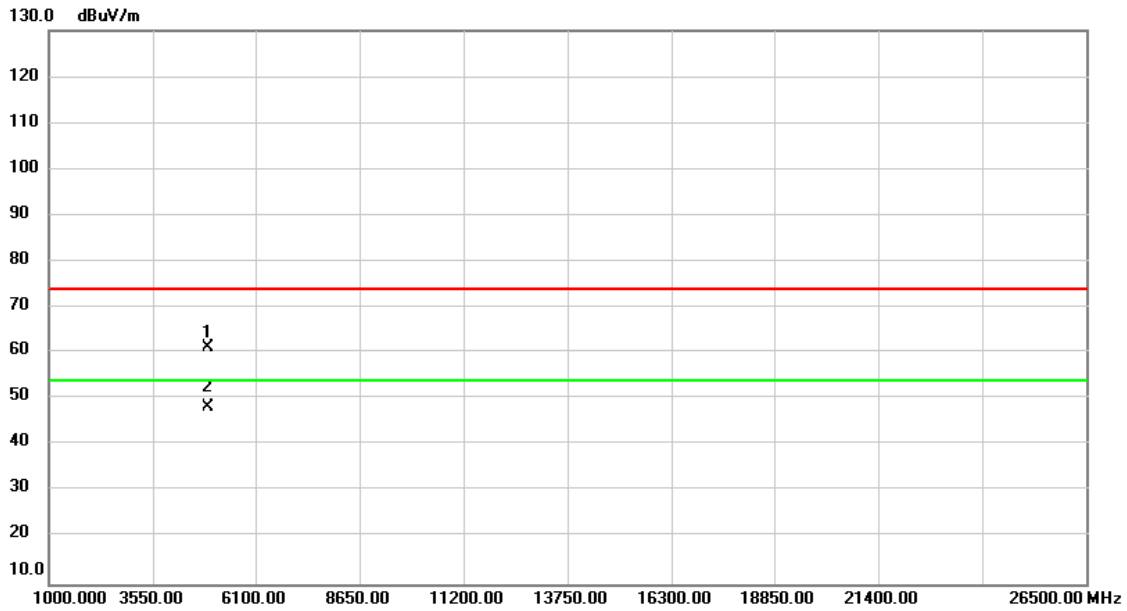


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	55.25	5.59	60.84	74.00	-13.16	peak	
2	*	4924.000	43.01	5.59	48.60	54.00	-5.40	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT20)_2462 MHz

Horizontal

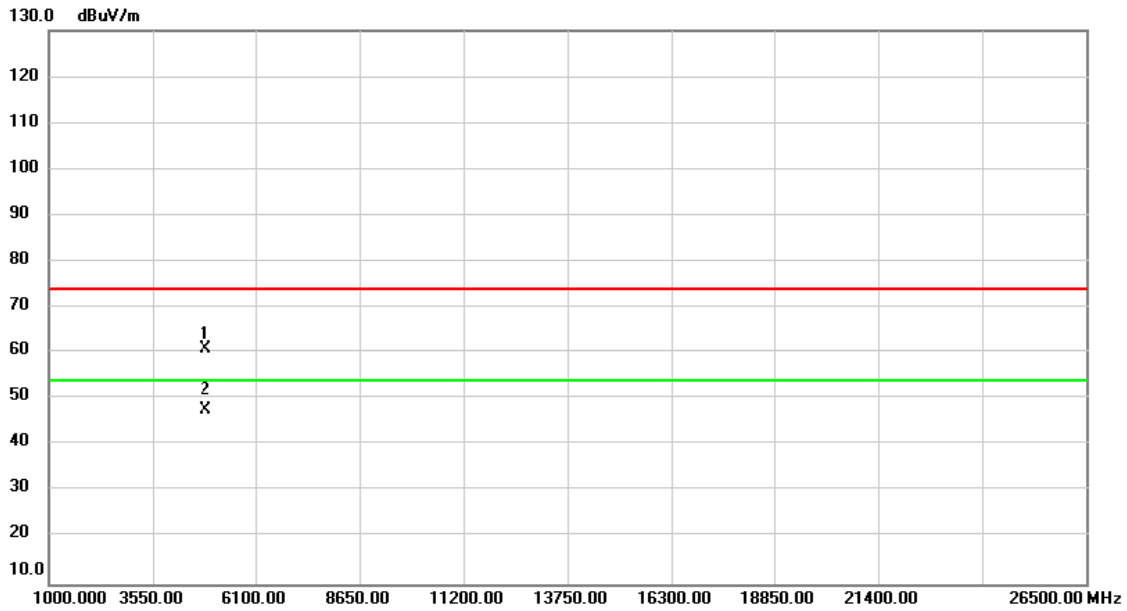


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	55.69	5.59	61.28	74.00	-12.72	peak	
2	*	4924.000	42.71	5.59	48.30	54.00	-5.70	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT40)_2422 MHz

Vertical

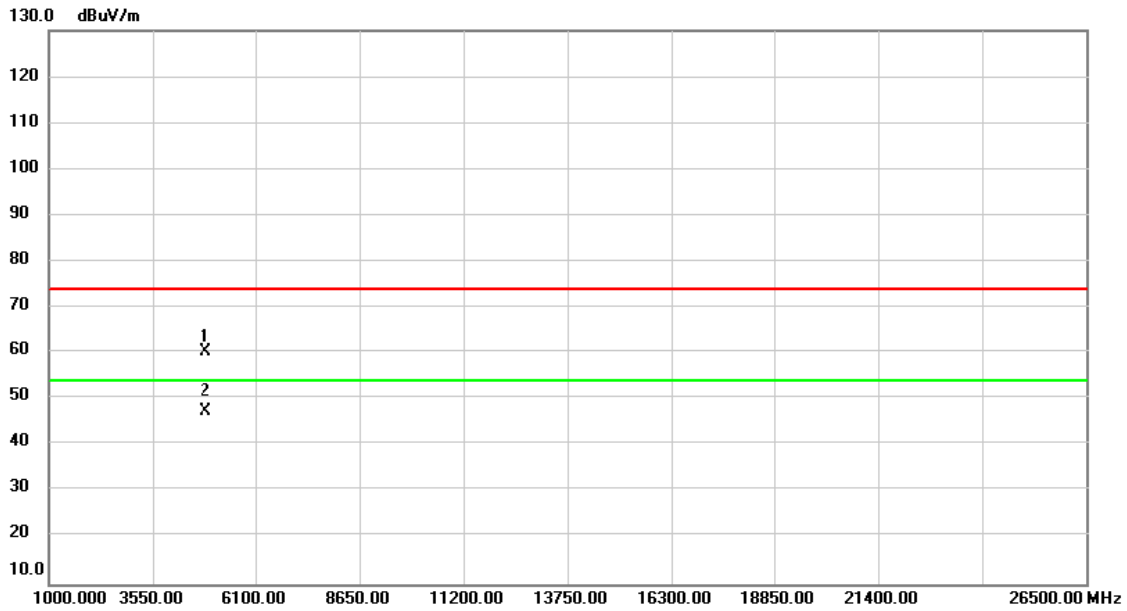


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	55.44	5.38	60.82	74.00	-13.18	peak	
2	*	4844.000	42.35	5.38	47.73	54.00	-6.27	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT40)_2422 MHz

Horizontal

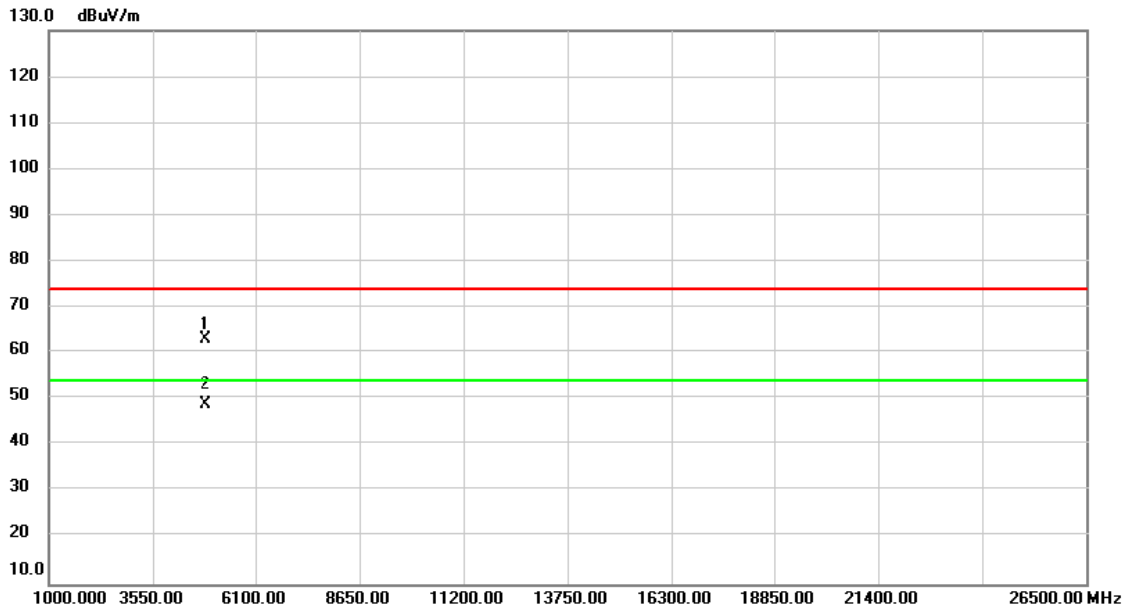


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	54.73	5.38	60.11	74.00	-13.89	peak	
2	*	4844.000	42.05	5.38	47.43	54.00	-6.57	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT40)_2437 MHz

Vertical

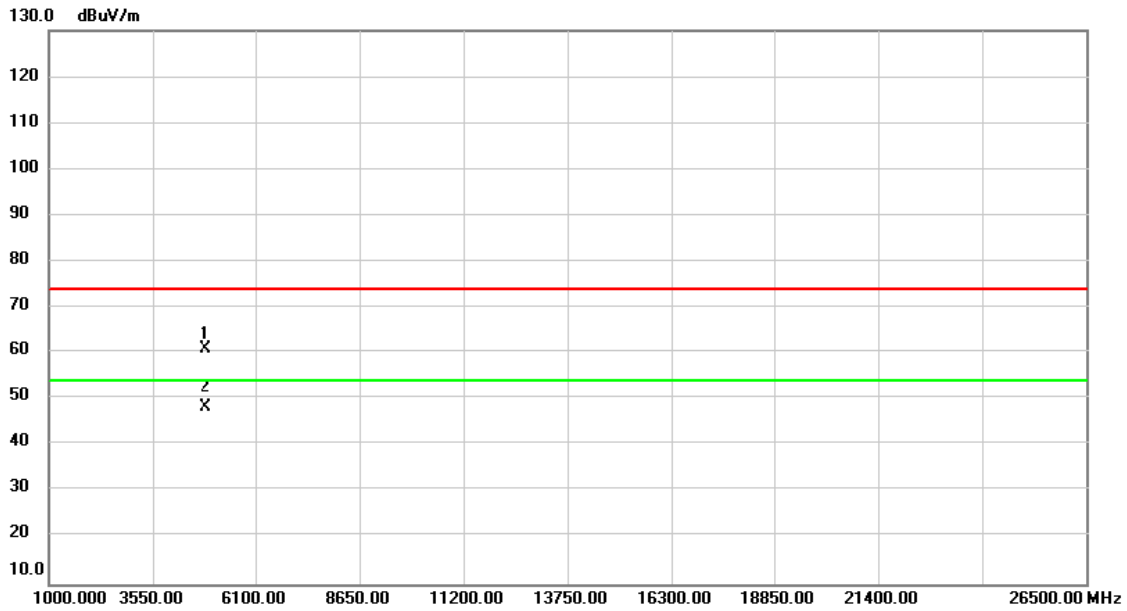


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	57.62	5.46	63.08	74.00	-10.92	peak	
2	*	4874.000	43.32	5.46	48.78	54.00	-5.22	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT40)_2437 MHz

Horizontal

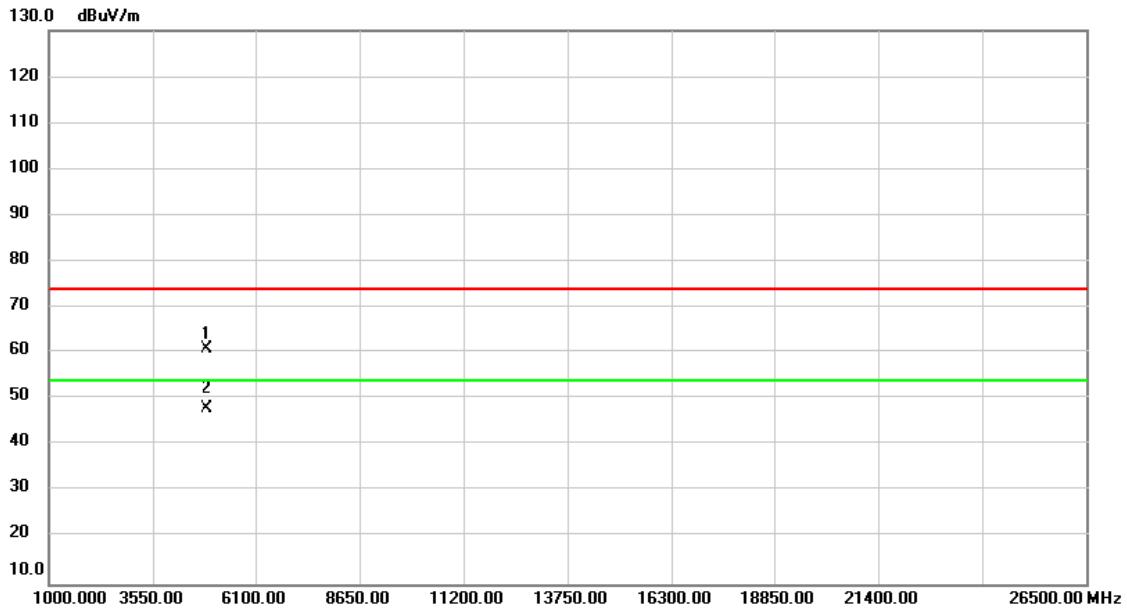


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	55.39	5.46	60.85	74.00	-13.15	peak	
2	*	4874.000	42.65	5.46	48.11	54.00	-5.89	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT40)_2452 MHz

Vertical

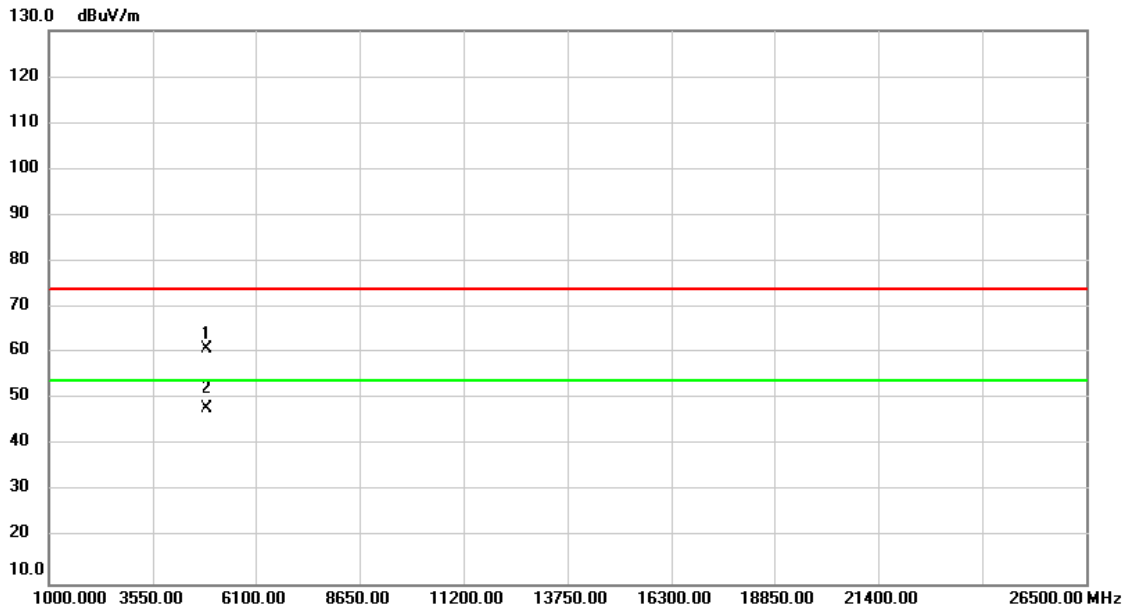


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	55.33	5.54	60.87	74.00	-13.13	peak	
2	*	4904.000	42.53	5.54	48.07	54.00	-5.93	AVG	

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

Test Mode	TX Mode_IEEE 802.11n (HT40)_2452 MHz

Horizontal

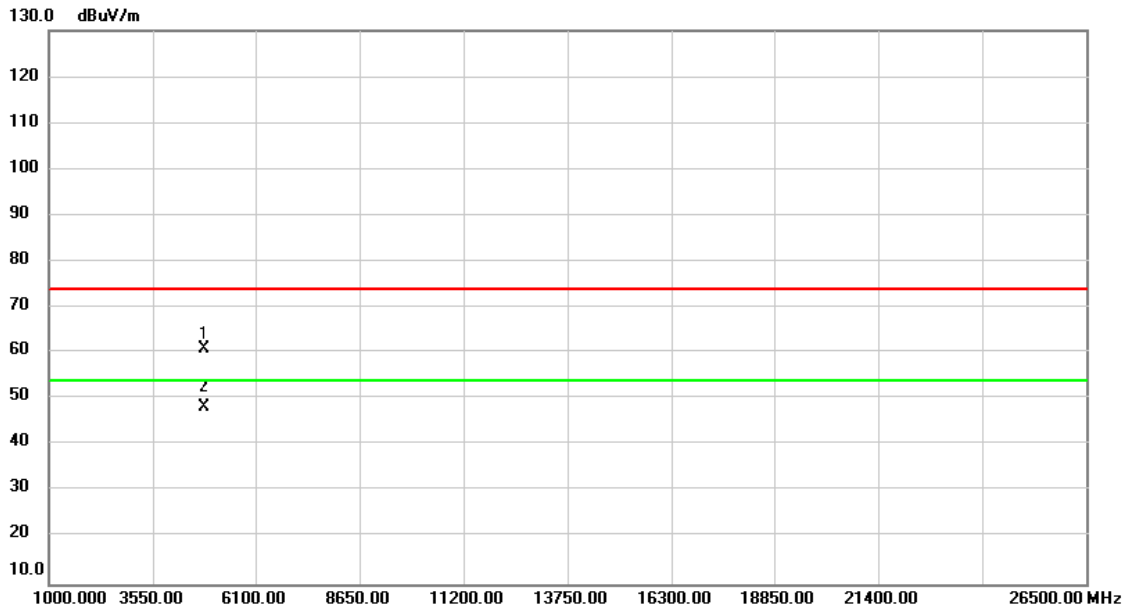


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	55.40	5.54	60.94	74.00	-13.06	peak	
2	*	4904.000	42.50	5.54	48.04	54.00	-5.96	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW20)_2412 MHz

Vertical

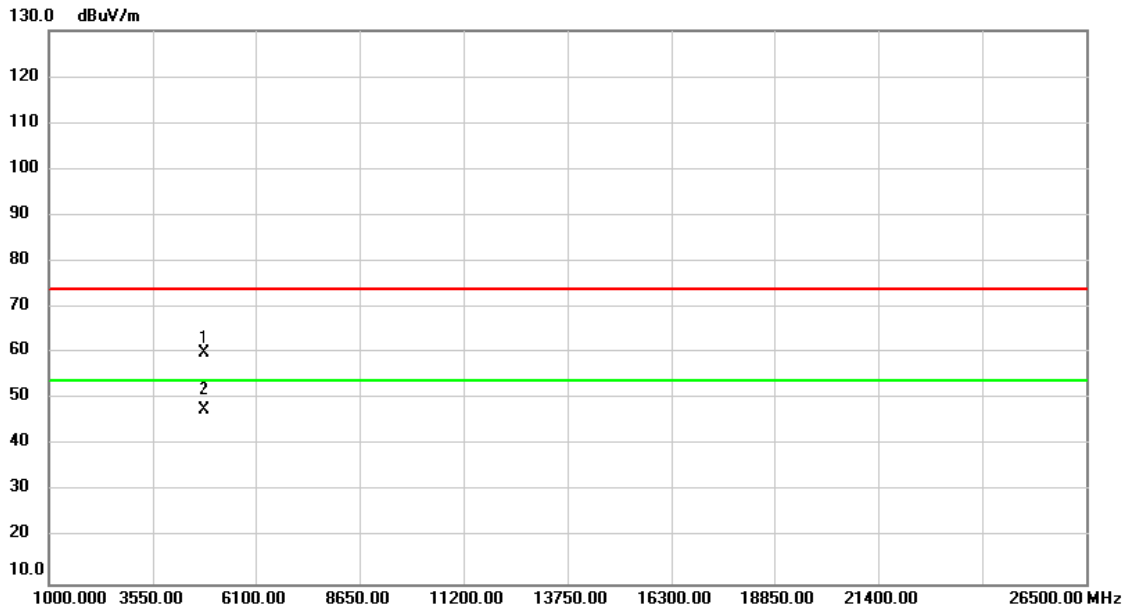


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	55.65	5.32	60.97	74.00	-13.03	peak	
2	*	4824.000	42.87	5.32	48.19	54.00	-5.81	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW20)_2412 MHz

Horizontal

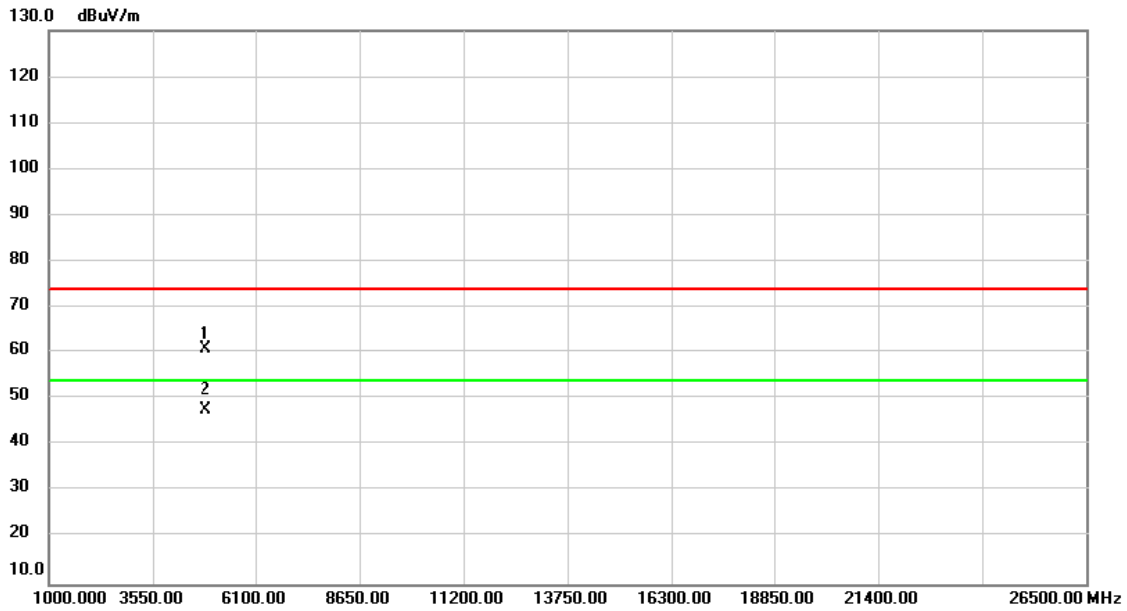


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	54.72	5.32	60.04	74.00	-13.96	peak	
2	*	4824.000	42.45	5.32	47.77	54.00	-6.23	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW20)_2437 MHz

Vertical

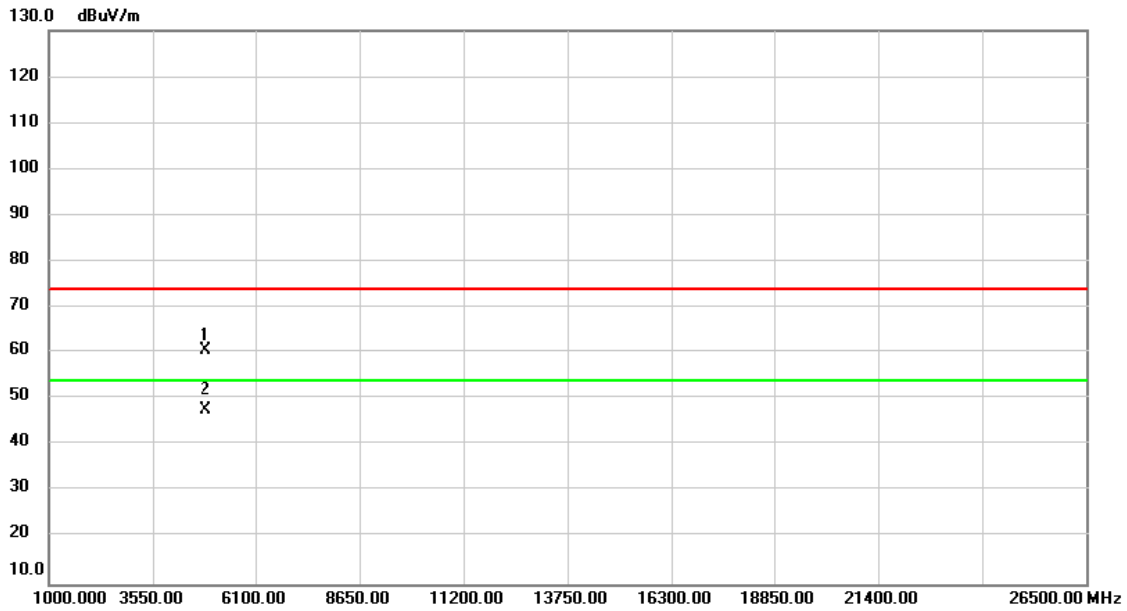


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	55.50	5.46	60.96	74.00	-13.04	peak	
2	*	4874.000	42.33	5.46	47.79	54.00	-6.21	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW20)_2437 MHz

Horizontal

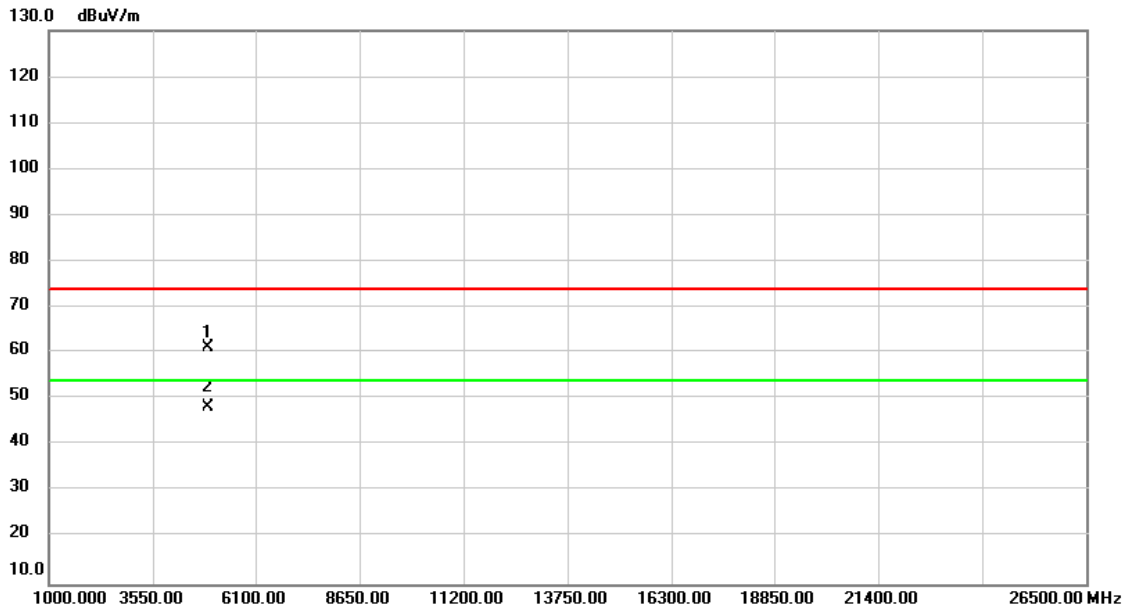


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	55.00	5.46	60.46	74.00	-13.54	peak	
2	*	4874.000	42.32	5.46	47.78	54.00	-6.22	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW20)_2462 MHz

Vertical

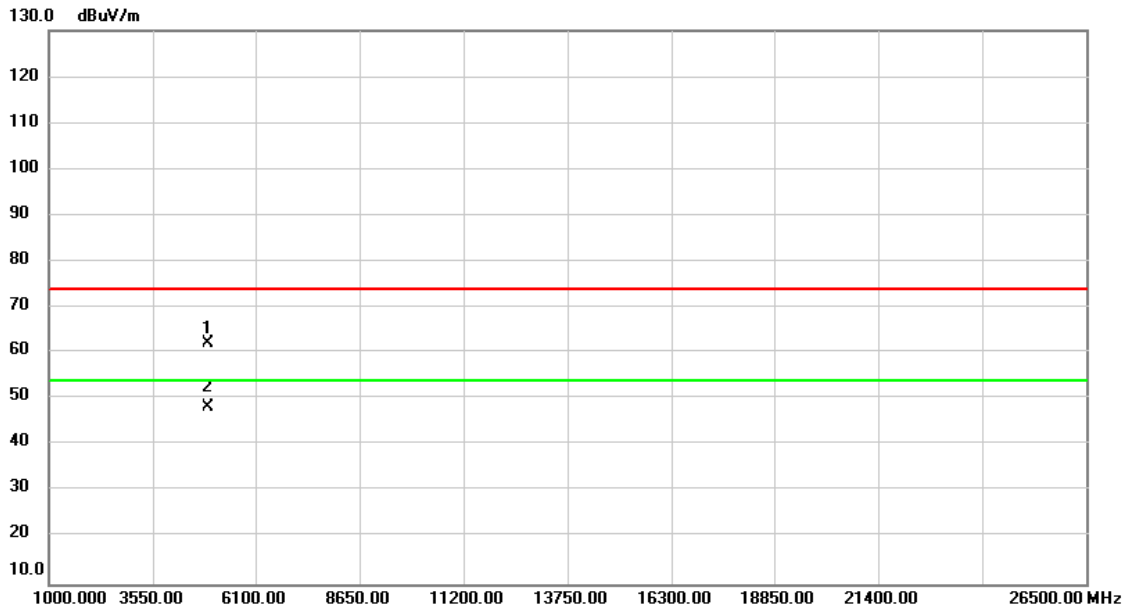


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	55.48	5.59	61.07	74.00	-12.93	peak	
2	*	4924.000	42.72	5.59	48.31	54.00	-5.69	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW20)_2462 MHz

Horizontal

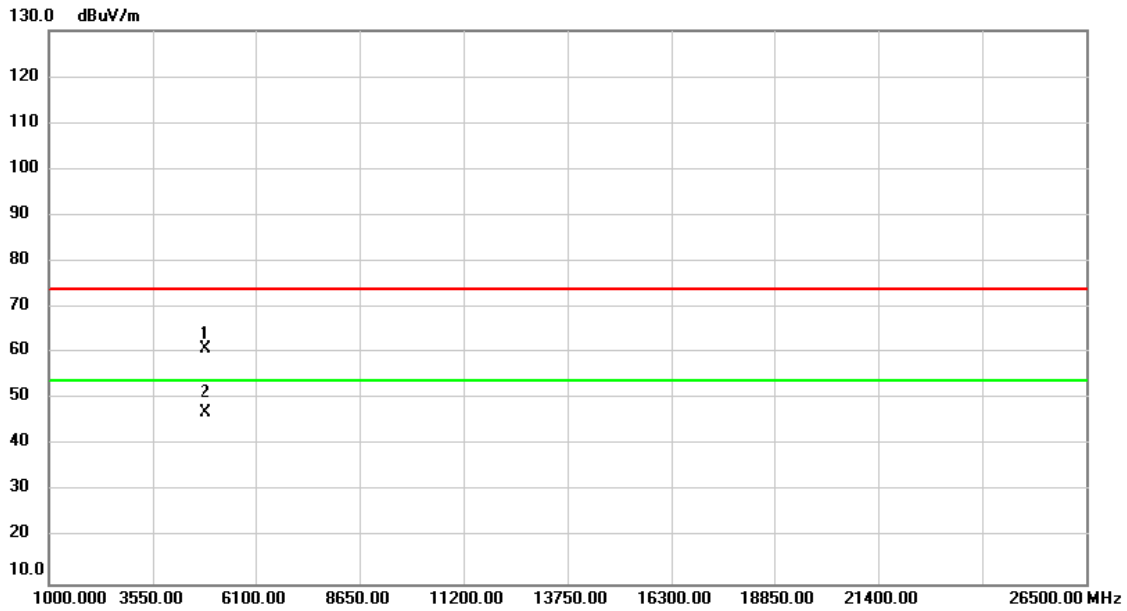


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	56.42	5.59	62.01	74.00	-11.99	peak	
2	*	4924.000	42.57	5.59	48.16	54.00	-5.84	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW40)_2422 MHz

Vertical

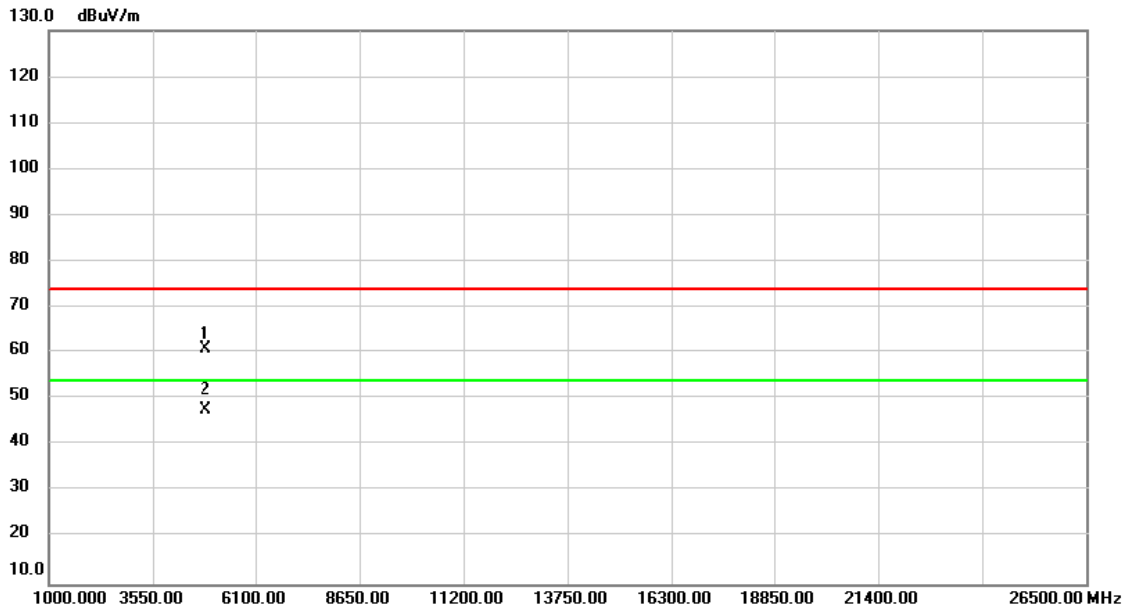


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	55.32	5.38	60.70	74.00	-13.30	peak	
2	*	4844.000	41.80	5.38	47.18	54.00	-6.82	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW40)_2422 MHz

Horizontal

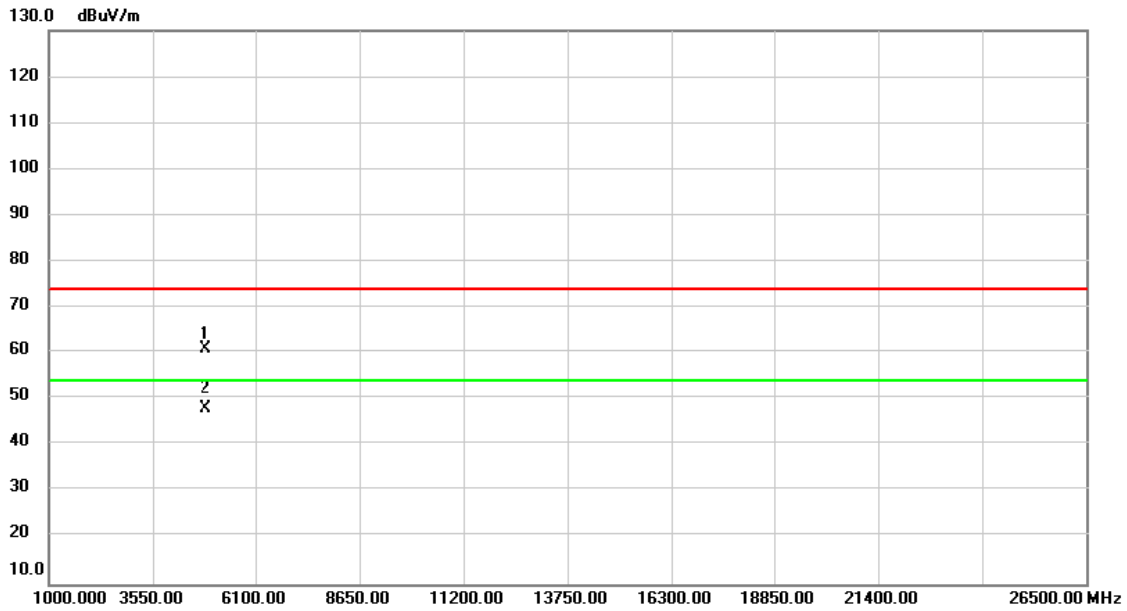


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	55.62	5.38	61.00	74.00	-13.00	peak	
2	*	4844.000	42.15	5.38	47.53	54.00	-6.47	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW40)_2437 MHz

Vertical

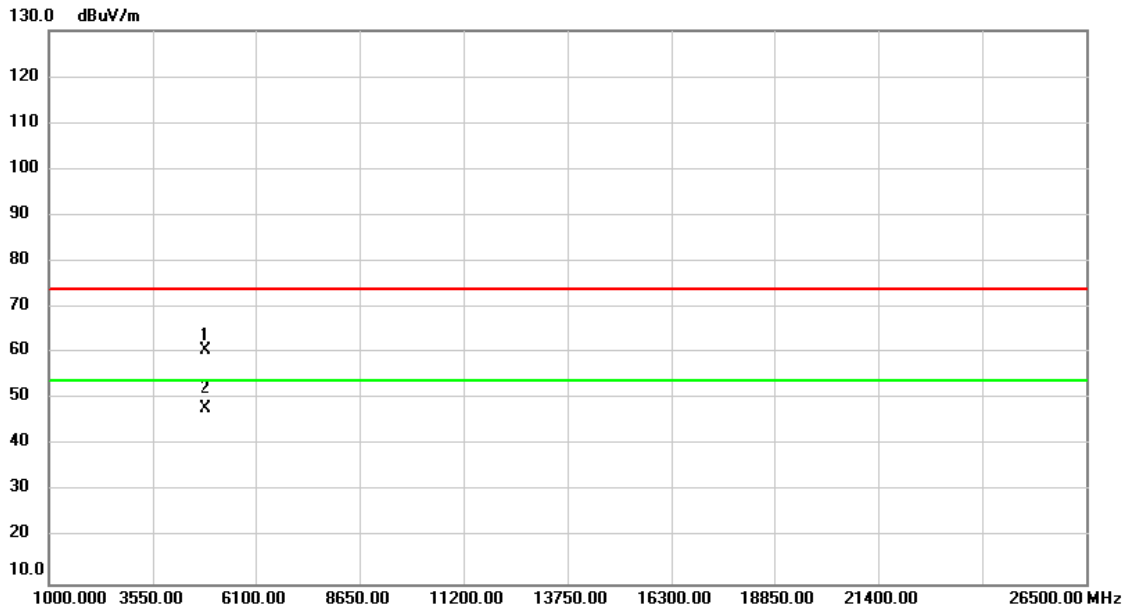


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	55.25	5.46	60.71	74.00	-13.29	peak	
2	*	4874.000	42.56	5.46	48.02	54.00	-5.98	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW40)_2437 MHz

Horizontal

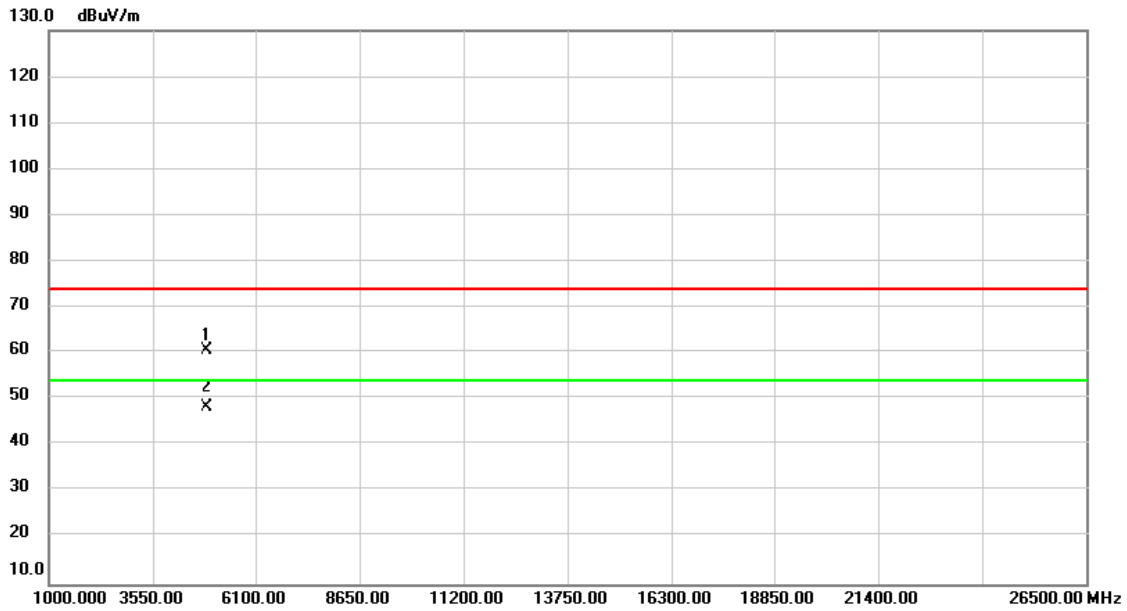


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	55.18	5.46	60.64	74.00	-13.36	peak	
2	*	4874.000	42.53	5.46	47.99	54.00	-6.01	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW40)_2452 MHz

Vertical

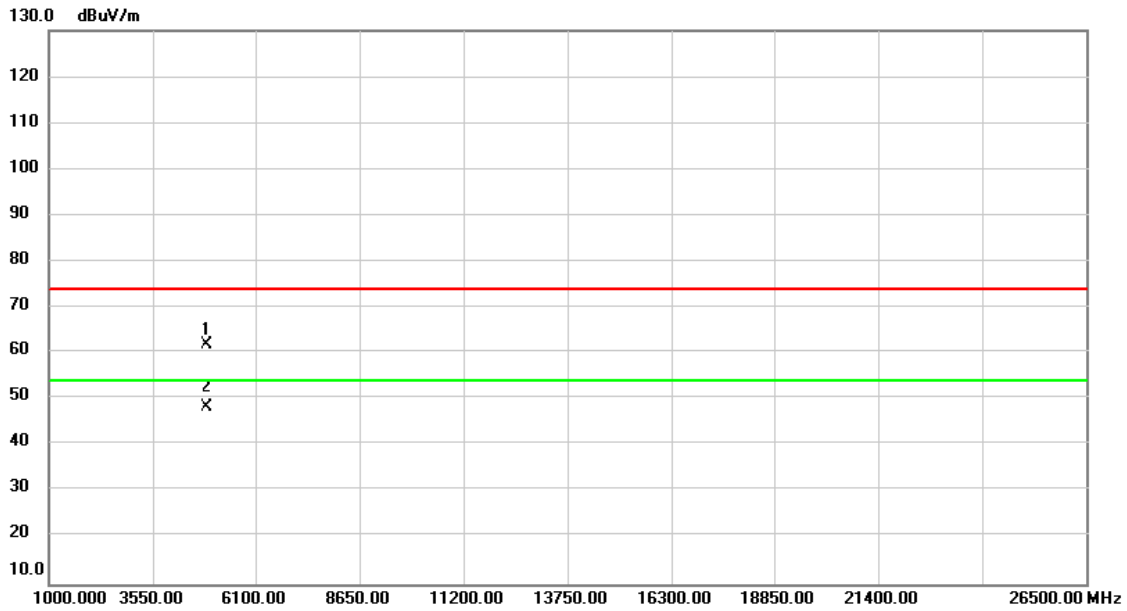


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	54.97	5.54	60.51	74.00	-13.49	peak	
2	*	4904.000	42.57	5.54	48.11	54.00	-5.89	AVG	

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

Test Mode	TX Mode_IEEE 802.11ax (HEW40)_2452 MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	56.09	5.54	61.63	74.00	-12.37	peak	
2	*	4904.000	42.74	5.54	48.28	54.00	-5.72	AVG	

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

End of Test Report