

FCC Radio Test Report

FCC ID: HBW1595

Report No. : BTL-FCCP-4-2303T057
Equipment : Smart Video Intercom - L
Model Name : CAPXLV2
Brand Name : Liftmaster
Applicant : Chamberlain Group LLC, The
Address : 300 Windsor Dr, Oak Brook, Illinois, United States, 60523

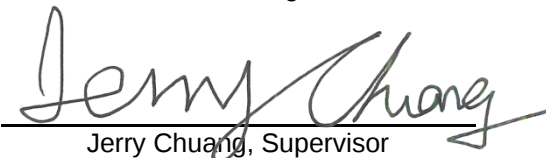
Radio Function : RLAN 5 GHz (U-NII 1, U-NII 3)

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart E (15.407)
Measurement Procedure(s) : ANSI C63.10-2013

Date of Receipt : 2023/3/20
Date of Test : 2023/6/15 ~ 2023/8/24
Issued Date : 2023/9/28

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

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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.

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.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-4-2303T057	R00	Original Report.	2023/9/13	Invalid
BTL-FCCP-4-2303T057	R01	Revised report to address TCB's comments.	2023/9/28	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.205 15.209 15.407(b)	Radiated Emissions	APPENDIX B APPENDIX C	Pass	-----
15.407(a)	Bandwidth	APPENDIX D	Pass	-----
15.407(a)	Output Power	APPENDIX E	Pass	-----
15.407(a)	Power Spectral Density	APPENDIX F	Pass	-----
15.203	Antenna Requirement	-----	Pass	-----
15.407(c)	Automatically Discontinue Transmission	-----	Pass	NOTE (3)

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.

The test location(s) used to collect the test data in this report are:

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☒ C05 ☐ CB08 ☐ CB11 ☒ SR10 ☐ SR11

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☐ C06 ☒ CB21 ☐ CB22

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C05	CISPR	150 kHz ~ 30MHz	3.44

B. Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

Test Item	U,(dB)
Occupied Bandwidth	0.5332
Output power	0.3669
Power Spectral Density	0.6590
Conducted Spurious emissions	0.5416
Conducted Band edges	0.5335
Frequency Stability	0.5333

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

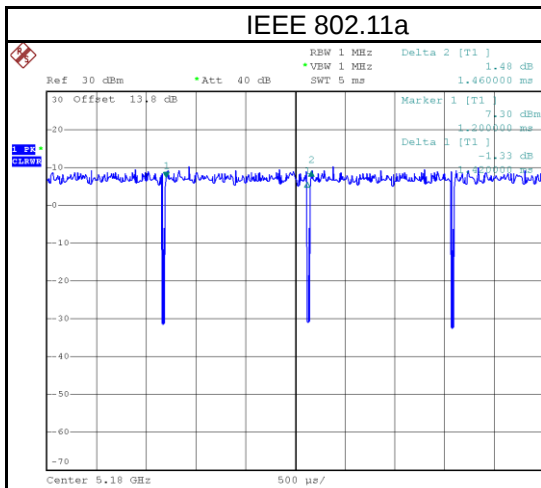
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	22 °C, 54 %	AC 120V	Cora Lin
Radiated emissions below 1 GHz	Refer to data	AC 120V	Mark Wang
Radiated emissions above 1 GHz	Refer to data	AC 120V	Mark Wang
Bandwidth	23.6 °C, 41 %	AC 120V	Jay Tien
Output Power	23.6 °C, 41 %	AC 120V	Jay Tien
Power Spectral Density	23.6 °C, 41 %	AC 120V	Jay Tien

1.4 DUTY CYCLE

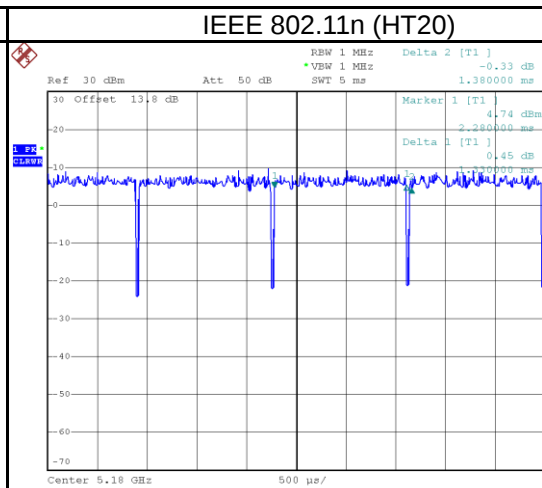
If duty cycle is $\geq 98\%$, duty factor is not required.

If duty cycle is $< 98\%$, duty factor shall be considered.

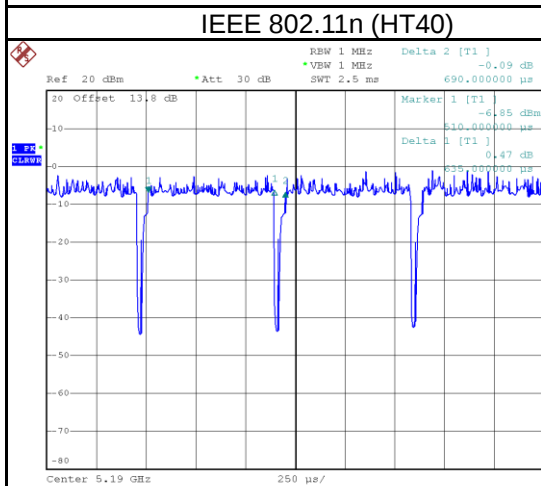
Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11a	1.420	1	1.420	1.460	97.26%	0.12
IEEE 802.11n (HT20)	1.330	1	1.330	1.380	96.38%	0.16
IEEE 802.11n (HT40)	0.635	1	0.635	0.690	92.03%	0.36
IEEE 802.11ac (VHT80)	0.300	1	0.300	0.360	83.33%	0.79



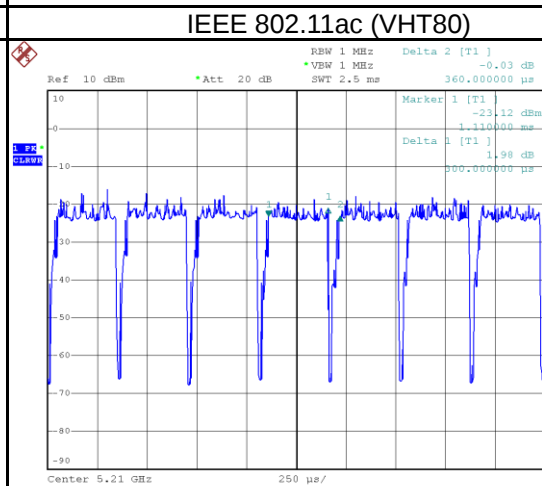
Date: 20.JUN.2023 19:39:01



Date: 20.JUN.2023 19:47:25



Date: 20.JUN.2023 20:20:26



Date: 20.JUN.2023 21:02:30

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Smart Video Intercom - L
Model Name	CAPXLV2
Brand Name	Liftmaster
Model Difference	N/A
Power Source	1. DC voltage supplied from AC/DC adapter. 2. DC voltage supplied from PoE.
Power Rating	1. I/P: 100-240V~ 50/60Hz 1.5A O/P: 24.0V---3.0A, 72.0W 2. DC 48V
Products Covered	1 * Adapter: Shenzhen GEAO Technology Co Ltd / QX72W240300D3
Operation Band	UNII-1: 5150 MHz to 5250 MHz UNII-3: 5725 MHz to 5850 MHz
Operation Frequency	UNII-1: 5180 MHz to 5240 MHz UNII-3: 5745 MHz to 5825 MHz
Modulation Technology	OFDM
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: Up to 150 Mbps 802.11ac: Up to 433.3 Mbps
Output Power Max. for UNII-1	IEEE 802.11a: 15.08 dBm (0.0322 W) IEEE 802.11n (HT20): 14.57 dBm (0.0286 W) IEEE 802.11n (HT40): 13.56 dBm (0.0227 W) IEEE 802.11ac (VHT80): 9.42 dBm (0.0087 W)
Output Power Max. for UNII-3	IEEE 802.11a: 14.93 dBm (0.0311 W) IEEE 802.11n (HT20): 14.47 dBm (0.0280 W) IEEE 802.11n (HT40): 9.24 dBm (0.0084 W) IEEE 802.11ac (VHT80): 9.26 dBm (0.0084 W)
Operating Software	PuTTY Release 0.62
Test Model	CAPXLV2
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Channel List:

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

(3) Table for Filed Antenna:
Group I:

Antenna	Manufacture	Part No.	Type	Connector	Frequency (MHz)	Gain (dBi)
External antenna	Radiation Technology, Inc.	C0289-ANG0011	Dipole	SMA	5150-5250	2.72
					5725-5850	3.37

Group II:

Antenna	Manufacture	Part No.	Type	Connector	Frequency (MHz)	Gain (dBi)
Built-in antenna	Quectel	YF0011RA	FPC	I-PEX	5150	2.30
					5780-5850	4.00

NOTE: The EUT includes two groups of antenna, for Radiated External antenna and Built-in antenna are evaluated, for other test items only the worst case Built-in antenna is recorded.

(4) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_ IEEE 802.11ac (VHT80)	155	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_ IEEE 802.11a	36/48	Bandedge
	TX Mode_ IEEE 802.11n (HT20)	149/165	
	TX Mode_ IEEE 802.11n (HT40)	38/46 151/159	
	TX Mode_ IEEE 802.11ac (VHT80)	42 155	
	TX Mode_ IEEE 802.11a	36/44/48	Harmonic
	TX Mode_ IEEE 802.11n (HT20)	149/157/165	
	TX Mode_ IEEE 802.11n (HT40)	38/46 151/159	
	TX Mode_ IEEE 802.11ac (VHT80)	42 155	
Bandwidth & Power Spectral Density & Output Power	TX Mode_ IEEE 802.11a	36/44/48	-
	TX Mode_ IEEE 802.11n (HT20)	149/157/165	
	TX Mode_ IEEE 802.11n (HT40)	38/46 151/159	
	TX Mode_ IEEE 802.11ac (VHT80)	42 155	

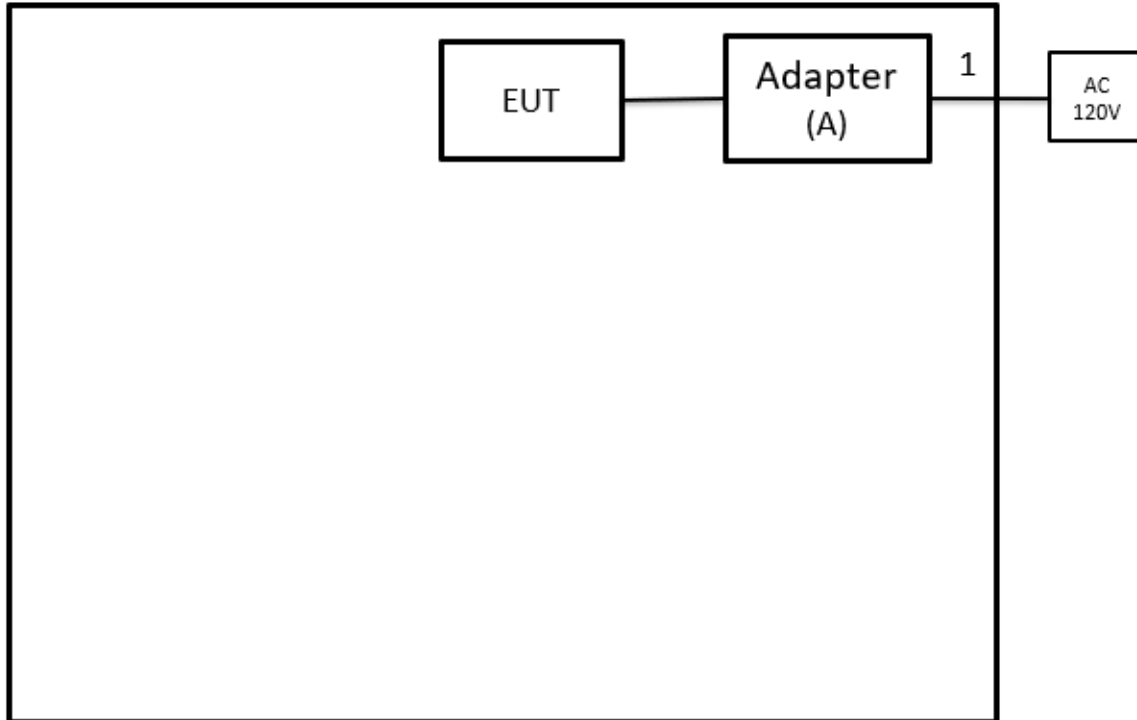
NOTE:

- (1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (External antenna: Vertical; Built-in antenna: Horizontal) is recorded.
- (2) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
- (3) For AC Power line conducted emissions and transmitter radiated emissions (below 1GHz), POE mode and adapter mode are evaluated, adapter mode is found to be the worst case and used for final test.
- (4) For AC Power line conducted emissions and transmitter radiated emissions (below 1GHz), both POE mode and adapter mode are evaluated. For the other test item, only adapter mode is used.

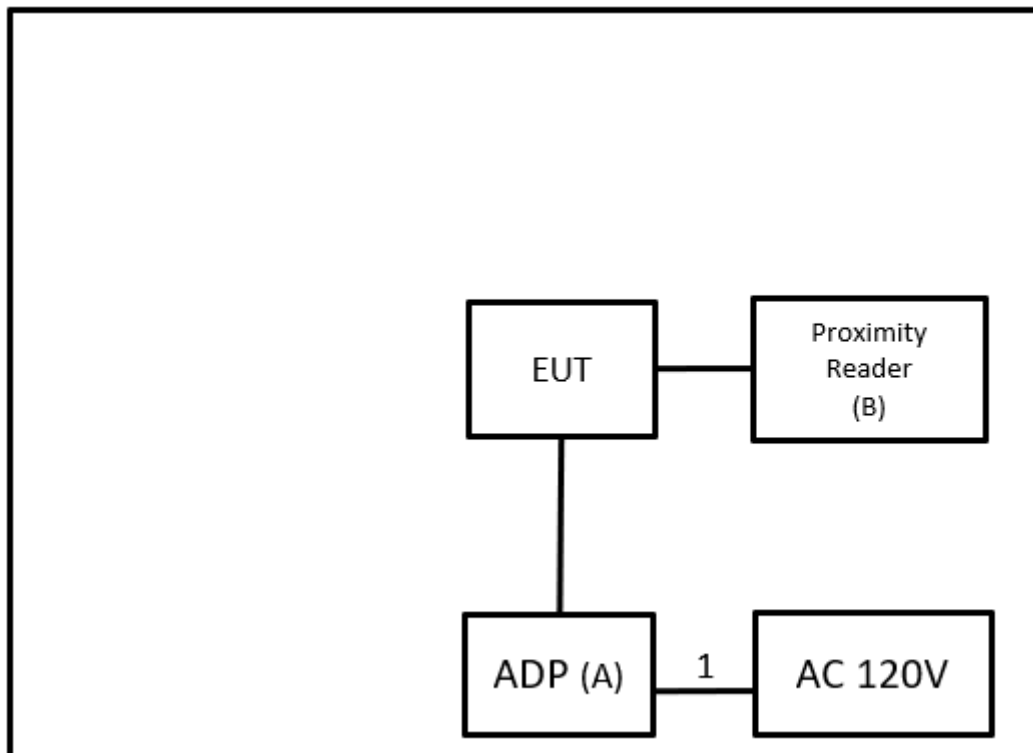
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

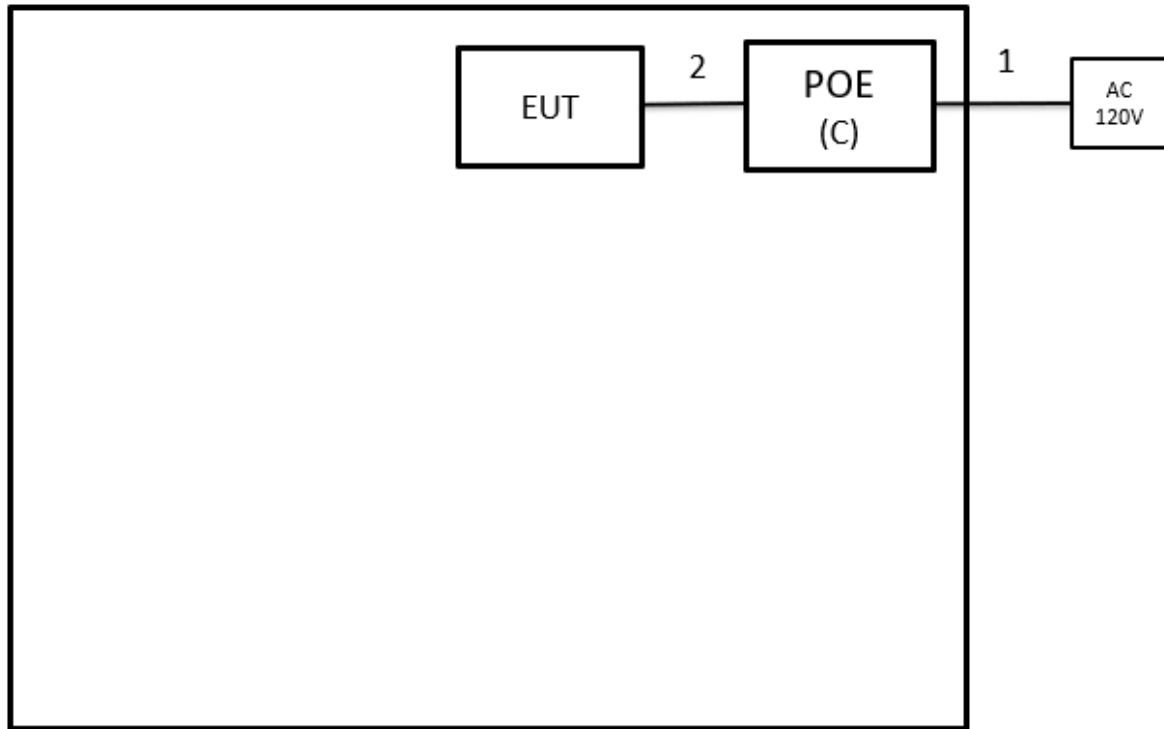
Adapter Mode
AC power line conducted emissions



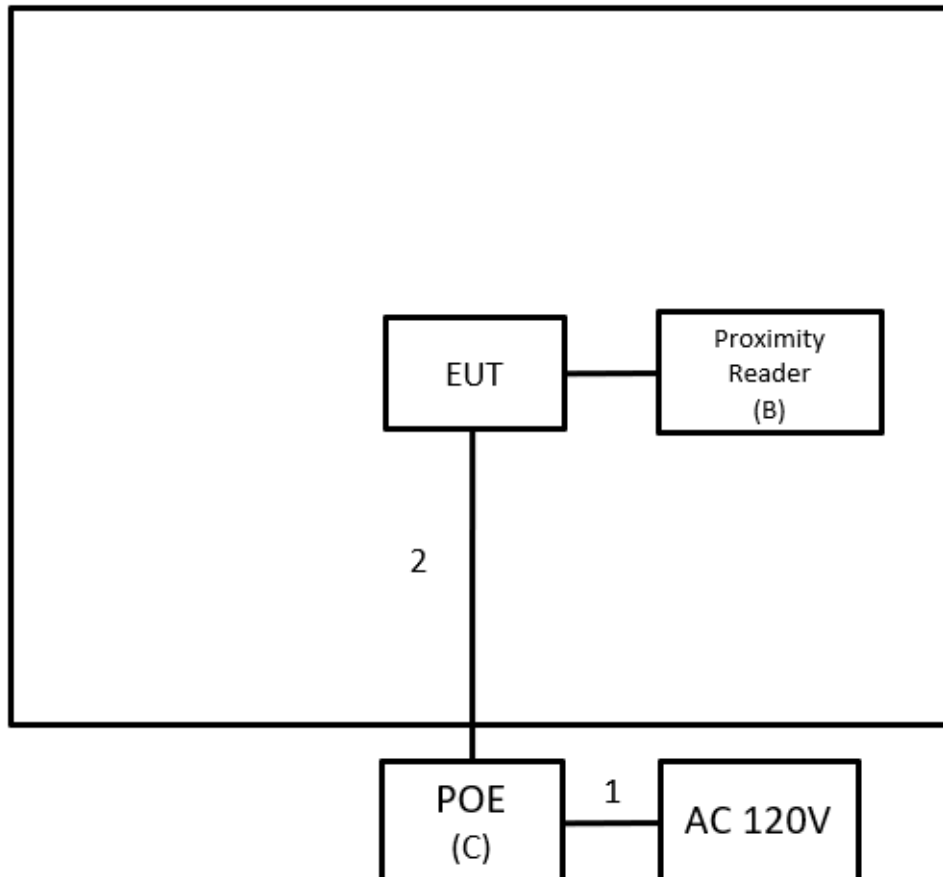
Radiated Emissions



POE Mode
AC power line conducted emissions



Radiated Emissions (below 1GHz)



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	Shenzhen GEAO Technology Co Ltd	QX72W240300D3	N/A	Supplied by test requester.
B	Proximity Reader	AWID	SR-2400	N/A	Supplied by test requester.
C	POE	HUAWEI	PoE35-54A	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	No	No	1.1m	Power Cord	Supplied by test requester.
2	No	No	10m	RJ45 Cable	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 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) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value – Limit Value
 Calculation example:

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	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 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).
 The LISN provides 50 Ohm/50uH of 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 to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
 The end of the cable will be terminated, using the correct terminating impedance.
 The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

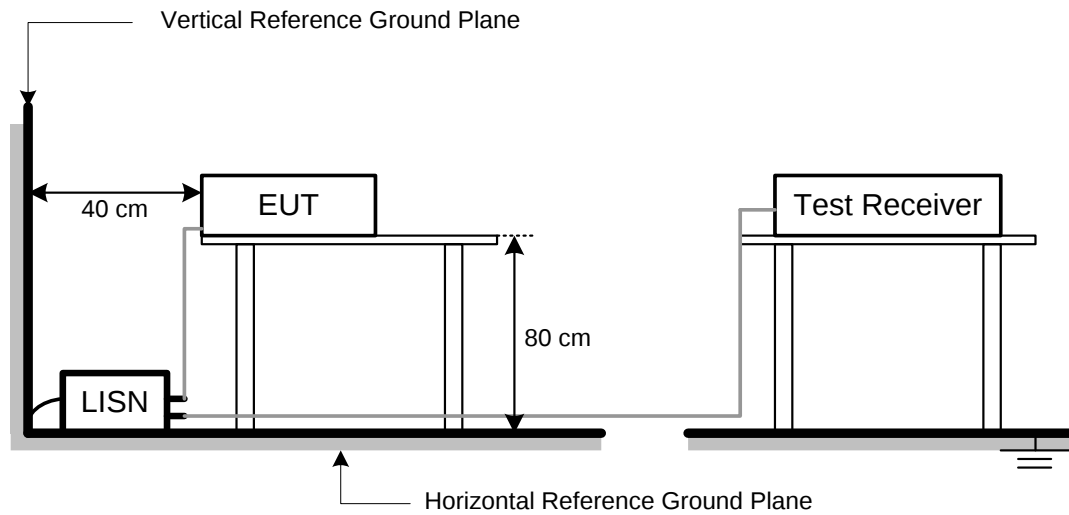
NOTE:

- (1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
 BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

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, then the 15.209 limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 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
960~1000	500	3

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 (NOTE 2)	68.3
	10 (NOTE 2)	105.3
	15.6 (NOTE 2)	110.9
	27 (NOTE 2)	122.3

NOTE:

- (1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

- (2) According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (3) 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

Calculation example:

Reading Level		Correct Factor		Measurement Value
36.23	+	-11.97	=	24.26

Measurement Value		Limit Value		Margin Level
24.26	-	40	=	-15.74

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

Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

4.2 TEST PROCEDURE

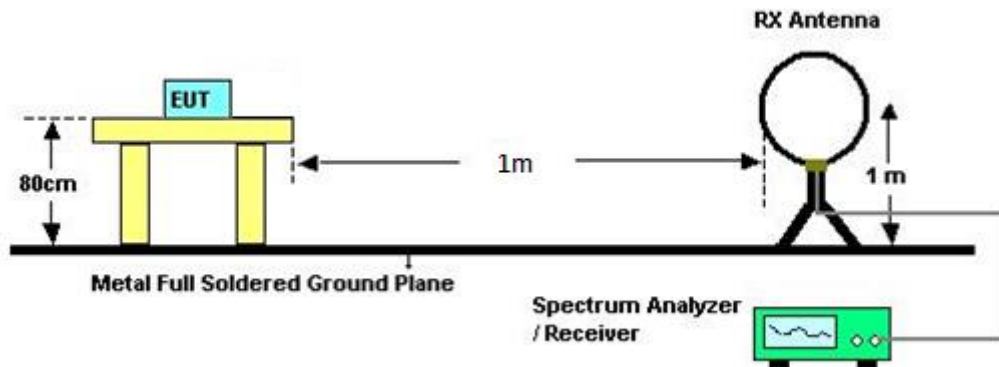
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 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 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- 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 1GHz)
- For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

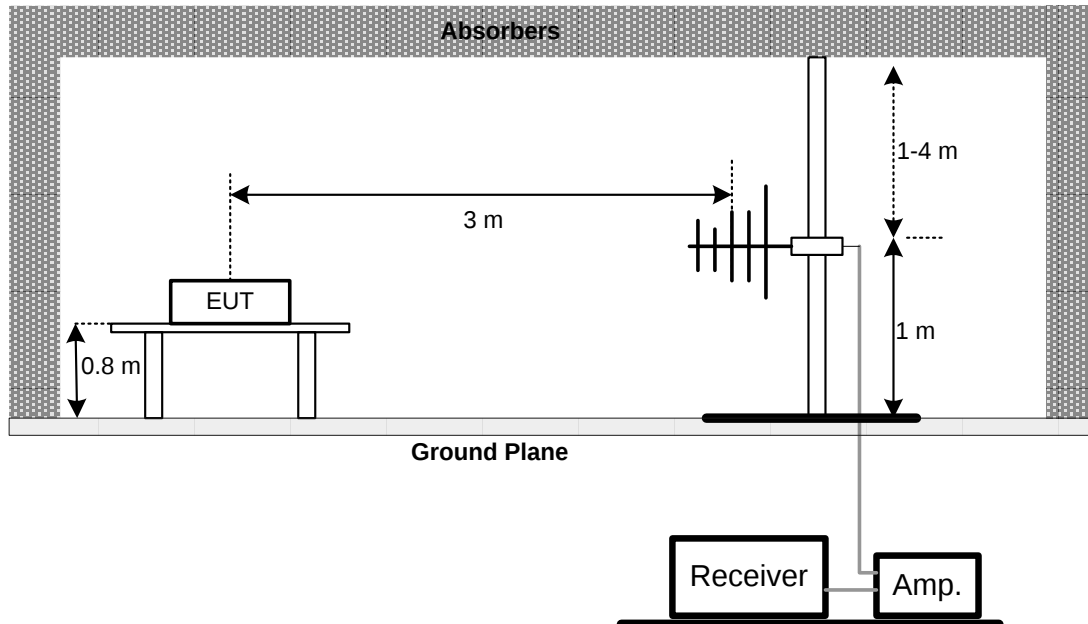
No deviation.

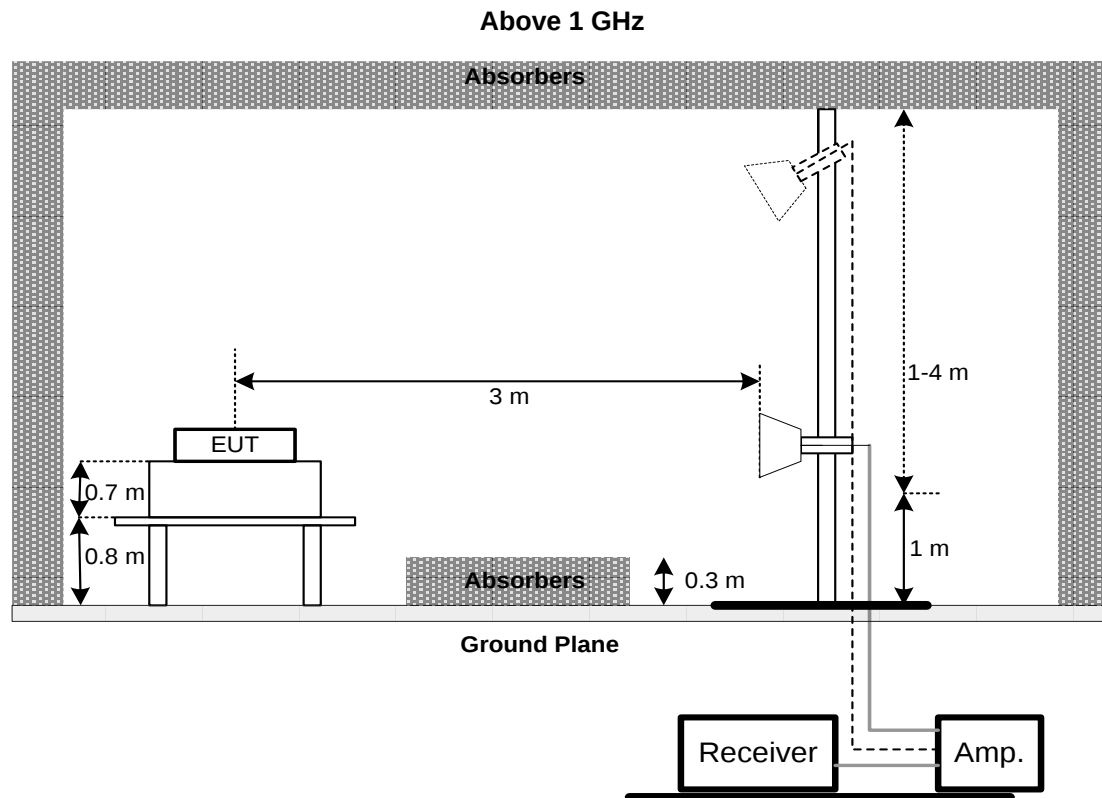
4.4 TEST SETUP

9 kHz to 30 MHz



30 MHz to 1 GHz





4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – BELOW 30 MHZ

There were no emissions found below 30 MHz within 20 dB of the limit.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

Section	Test Item	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	5150-5250
		5250-5350
		5470-5725
	Minimum 500 kHz 6 dB Bandwidth	5725-5850

5.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting:

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> 26 dB Bandwidth
RBW	300 kHz(Bandwidth 20 MHz) 1 MHz(Bandwidth 40 MHz and 80 MHz)
VBW	1 MHz(Bandwidth 20 MHz) 3 MHz(Bandwidth 40 MHz and 80 MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Maximum Output Power	Fixed:1 Watt (30 dBm) Mobile and portable: 250 mW (24 dBm)	5150-5250
		250 mW (24 dBm)	5250-5350
			5470-5725
		1 Watt (30dBm)	5725-5850

Note: The maximum e.i.r.p at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW(21 dBm).

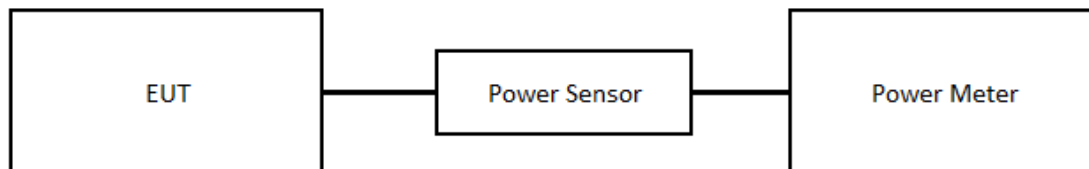
6.2 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- The maximum peak conducted output power was performed in accordance with method of clause E. 3. a) FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
 - Method PM (Measurement using an RF average power meter):
 - Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied
The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
 - If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
 - Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
 - Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle (e.g., $10 \log (1/0.25)$ if the duty cycle is 25%).

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	Other than Mobile and portable: 17 dBm/MHz	5150-5250
		Mobile and portable: 11 dBm/MHz	
		11 dBm/MHz	5250-5350
		30 dBm/500 kHz	5470-5725
			5725-5850

7.2 TEST PROCEDURE

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

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz
VBW	≥ 3 MHz
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

8 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101521	2022/9/28	2023/9/27
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	220331	2023/3/30	2024/3/29
3	EMI Test Receiver	R&S	ESR 7	101433	2022/11/16	2023/11/15
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2022/9/19	2023/9/18
2	Test Cable	EMCI	EMC104-SM-SM-1000	180810	2023/7/10	2024/7/9
3	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2023/3/14	2024/3/13
4	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2023/3/14	2024/3/13
5	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
6	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
7	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
8	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions - Above 1 GHz						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2022/9/19	2023/9/18
2	Preamplifier	EMCI	EMC118A45SE	980819	2023/3/7	2024/3/6
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2022/9/28	2023/9/27
4	Preamplifier	EMCI	EMC001340	980579	2022/9/30	2023/9/29
5	Test Cable	EMCI	EMC104-SM-SM-1000	220319	2023/3/14	2024/3/13
6	Test Cable	EMCI	EMC104-SM-SM-1000	180810	2023/7/10	2024/7/9
7	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2023/3/14	2024/3/13
8	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2023/3/14	2024/3/13
9	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
10	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2022/9/19	2023/9/18
11	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2023/5/12	2024/5/11
12	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2023/5/12	2024/5/11
13	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
14	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
15	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2023/3/14	2024/3/13
16	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2023/3/14	2024/3/13
17	Measurement Software	EZ	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	100129	2022/10/7	2023/10/6

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Power Meter	Keysight	8990B	MY51000517	2023/3/15	2024/3/14
2	Power Sensor	Keysight	N1923A	MY58310005	2023/3/15	2024/3/14

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	100129	2022/10/7	2023/10/6

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

9 EUT TEST PHOTO

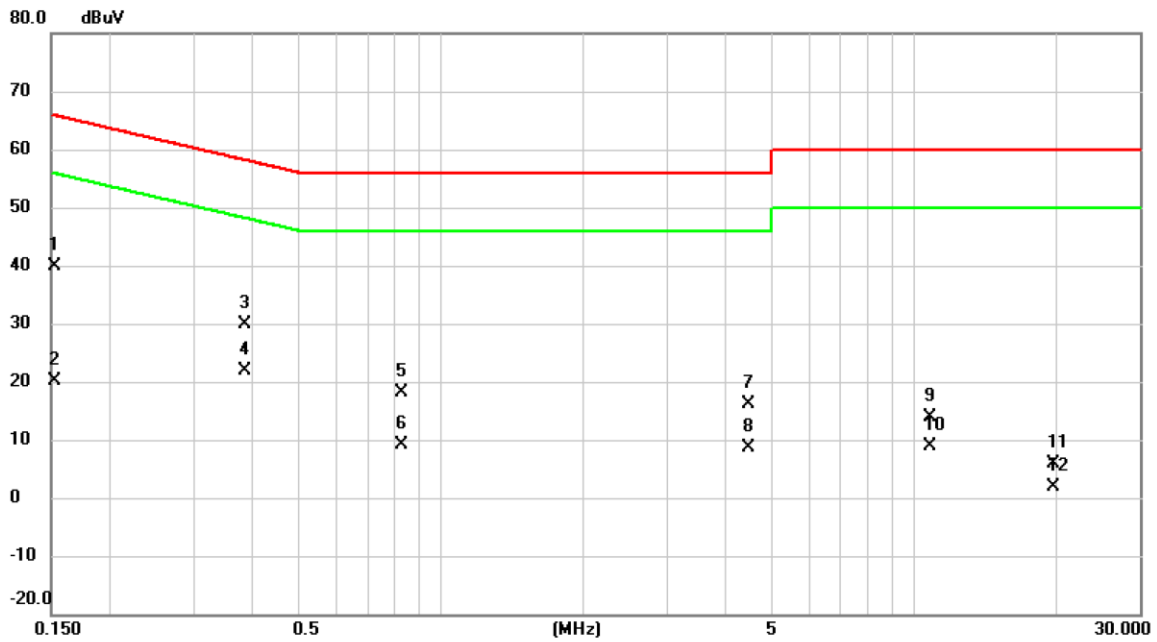
Please refer to document Appendix No.: TP-2303T057-FCCP-1 (APPENDIX-TEST PHOTOS).

10 EUT PHOTOS

Please refer to document Appendix No.: EP-2303T057-2 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2023/6/15
Test Frequency	-	Phase	Line

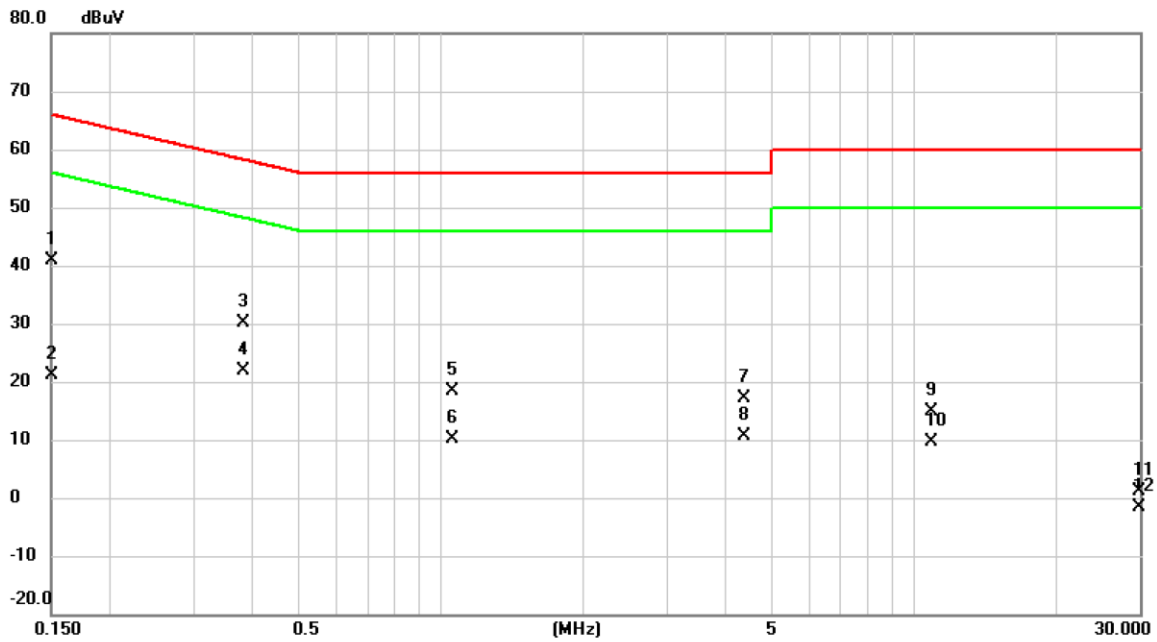


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1522	39.73	0.04	39.77	65.88	-26.11	QP	
2		0.1522	20.11	0.04	20.15	55.88	-35.73	AVG	
3		0.3840	29.96	0.02	29.98	58.19	-28.21	QP	
4		0.3840	21.78	0.02	21.80	48.19	-26.39	AVG	
5		0.8272	18.01	0.01	18.02	56.00	-37.98	QP	
6		0.8272	9.04	0.01	9.05	46.00	-36.95	AVG	
7		4.4655	16.05	0.05	16.10	56.00	-39.90	QP	
8		4.4655	8.67	0.05	8.72	46.00	-37.28	AVG	
9		10.7880	13.88	0.12	14.00	60.00	-46.00	QP	
10		10.7880	8.72	0.12	8.84	50.00	-41.16	AVG	
11		19.7408	5.82	0.18	6.00	60.00	-54.00	QP	
12		19.7408	1.62	0.18	1.80	50.00	-48.20	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2023/6/15
Test Frequency	-	Phase	Neutral

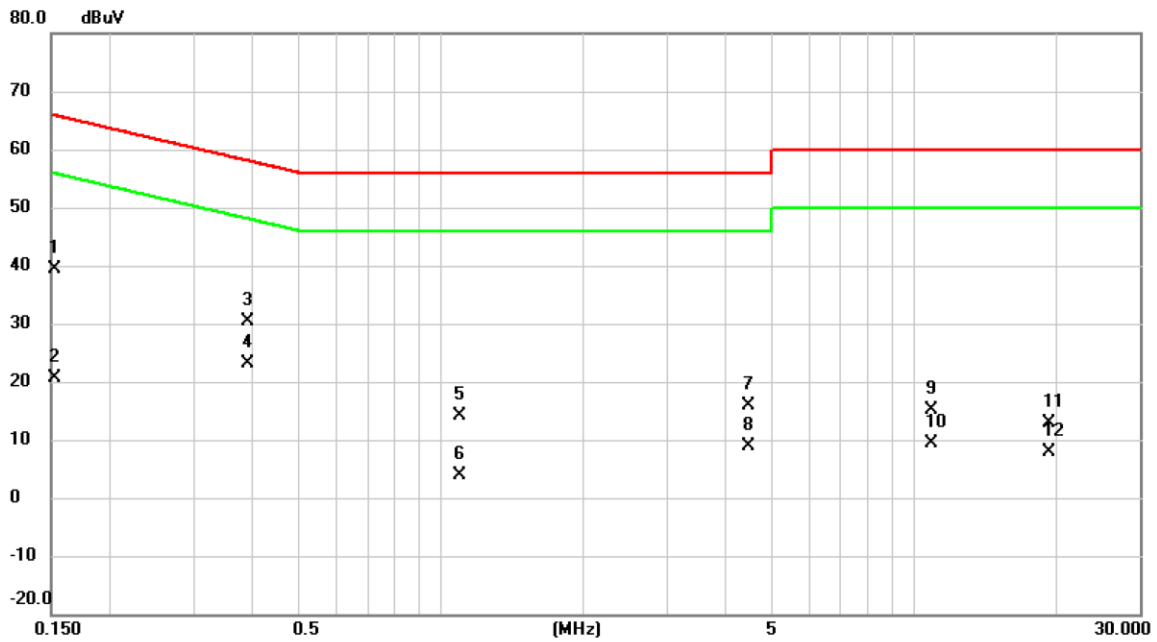


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	40.75	0.04	40.79	66.00	-25.21	QP	
2		0.1500	21.20	0.04	21.24	56.00	-34.76	AVG	
3		0.3817	30.15	0.02	30.17	58.24	-28.07	QP	
4		0.3817	21.84	0.02	21.86	48.24	-26.38	AVG	
5		1.0545	18.38	0.01	18.39	56.00	-37.61	QP	
6		1.0545	10.23	0.01	10.24	46.00	-35.76	AVG	
7		4.3800	17.20	0.05	17.25	56.00	-38.75	QP	
8		4.3800	10.53	0.05	10.58	46.00	-35.42	AVG	
9		10.8870	14.80	0.13	14.93	60.00	-45.07	QP	
10		10.8870	9.39	0.13	9.52	50.00	-40.48	AVG	
11		29.9873	0.82	0.30	1.12	60.00	-58.88	QP	
12		29.9873	-2.01	0.30	-1.71	50.00	-51.71	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2023/6/15
Test Frequency	-	Phase	Line

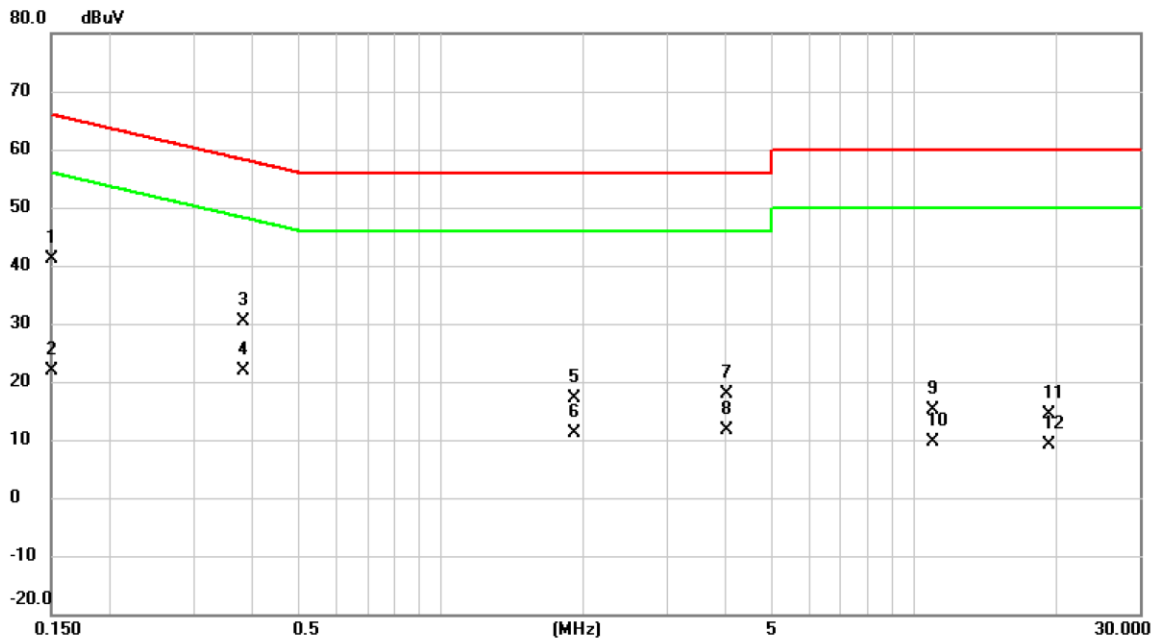


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1522	39.44	0.04	39.48	65.88	-26.40	QP	
2		0.1522	20.54	0.04	20.58	55.88	-35.30	AVG	
3		0.3907	30.27	0.02	30.29	58.05	-27.76	QP	
4	*	0.3907	23.12	0.02	23.14	48.05	-24.91	AVG	
5		1.0995	14.22	0.02	14.24	56.00	-41.76	QP	
6		1.0995	3.91	0.02	3.93	46.00	-42.07	AVG	
7		4.4678	15.84	0.05	15.89	56.00	-40.11	QP	
8		4.4678	8.81	0.05	8.86	46.00	-37.14	AVG	
9		10.9184	15.12	0.13	15.25	60.00	-44.75	QP	
10		10.9184	9.31	0.13	9.44	50.00	-40.56	AVG	
11		19.2863	12.70	0.18	12.88	60.00	-47.12	QP	
12		19.2863	7.58	0.18	7.76	50.00	-42.24	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2023/6/15
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	40.98	0.04	41.02	66.00	-24.98	QP	
2		0.1500	21.89	0.04	21.93	56.00	-34.07	AVG	
3		0.3817	30.47	0.02	30.49	58.24	-27.75	QP	
4		0.3817	21.85	0.02	21.87	48.24	-26.37	AVG	
5		1.9118	16.95	0.06	17.01	56.00	-38.99	QP	
6		1.9118	11.09	0.06	11.15	46.00	-34.85	AVG	
7		4.0223	17.85	0.05	17.90	56.00	-38.10	QP	
8		4.0223	11.60	0.05	11.65	46.00	-34.35	AVG	
9		10.9793	14.89	0.13	15.02	60.00	-44.98	QP	
10		10.9793	9.54	0.13	9.67	50.00	-40.33	AVG	
11		19.2930	14.09	0.18	14.27	60.00	-45.73	QP	
12		19.2930	8.93	0.18	9.11	50.00	-40.89	AVG	

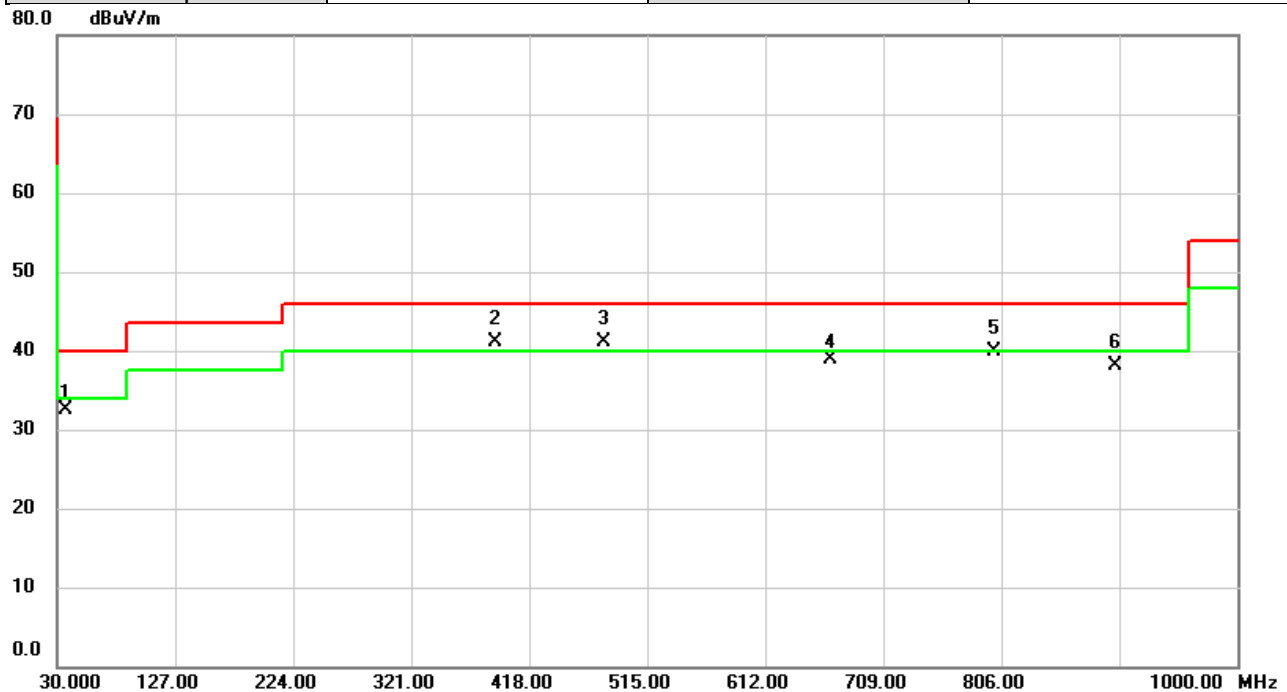
REMARKS:

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

For External Antenna:

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/8/24
Test Frequency	5775MHz	Polarization	Vertical
Temp	25°C	Hum.	57%

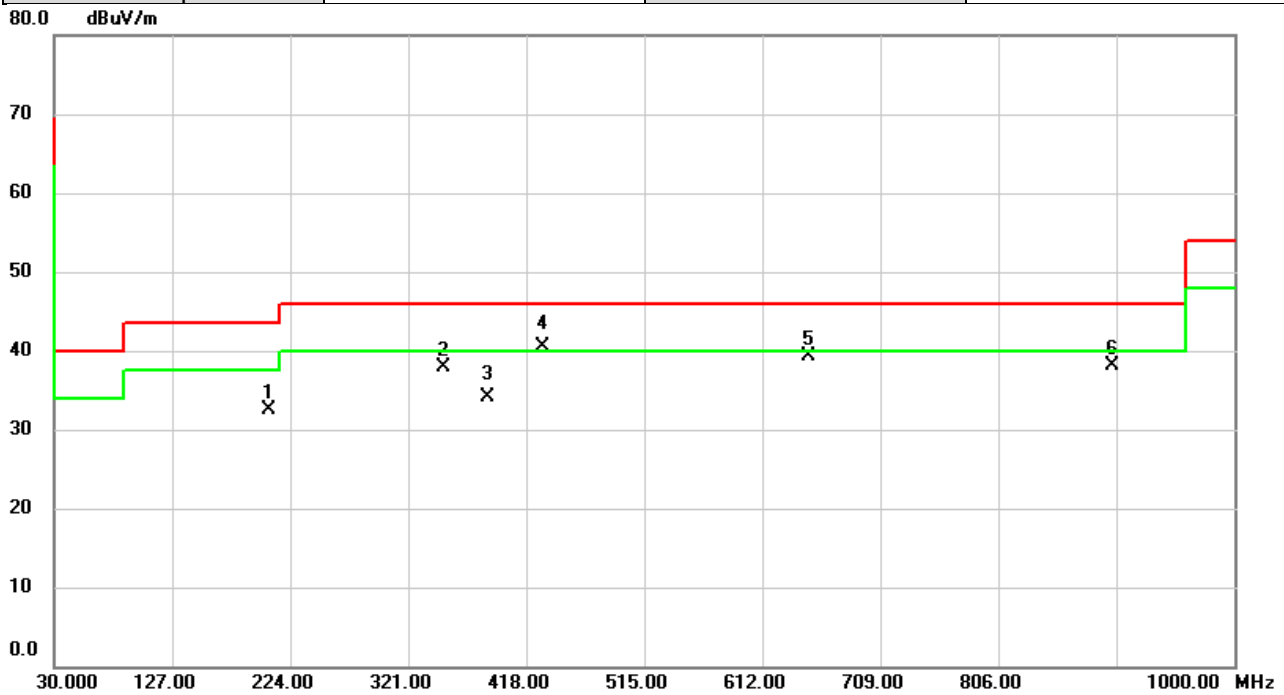


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		37.3720	44.49	-12.04	32.45	40.00	-7.55	peak	
2	*	389.5790	49.98	-8.88	41.10	46.00	-4.90	QP	
3	!	479.9830	47.61	-6.57	41.04	46.00	-4.96	QP	
4		666.0937	41.88	-2.90	38.98	46.00	-7.02	peak	
5		799.8567	40.65	-0.79	39.86	46.00	-6.14	QP	
6		899.8313	37.51	0.54	38.05	46.00	-7.95	QP	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/8/24
Test Frequency	5775MHz	Polarization	Horizontal
Temp	25°C	Hum.	57%



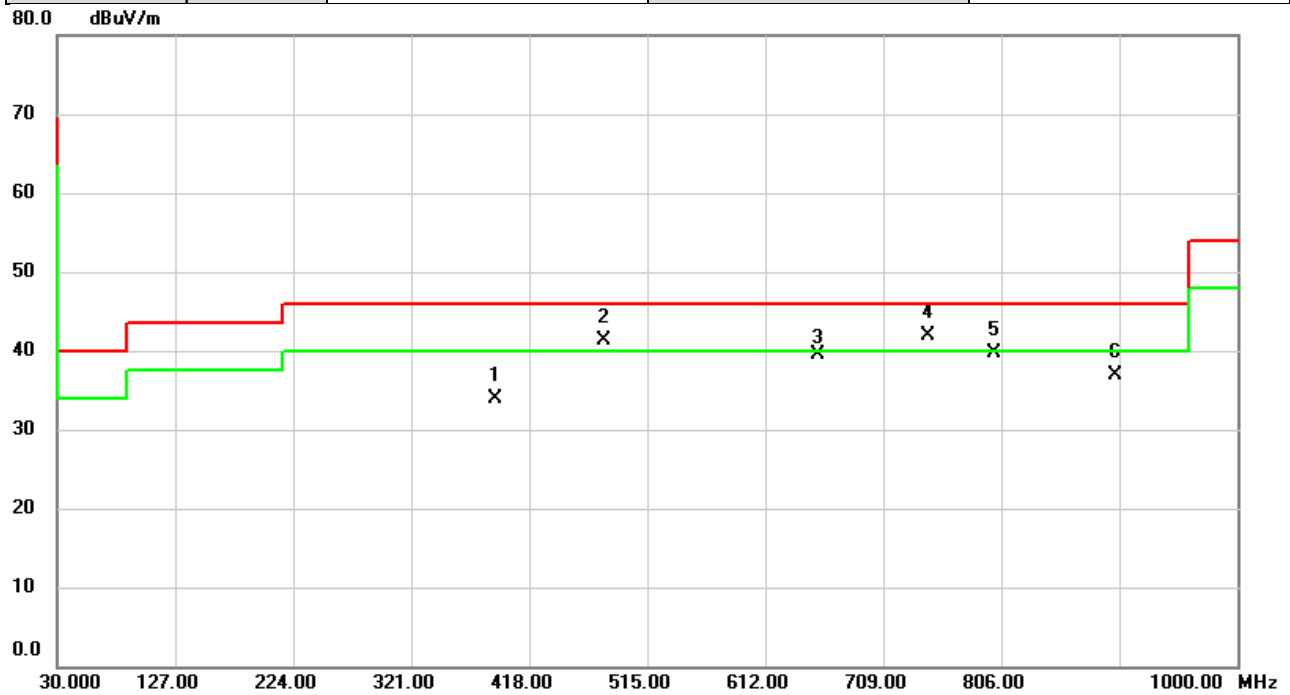
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		206.4753	47.58	-15.15	32.43	43.50	-11.07	peak	
2		350.0030	48.05	-10.12	37.93	46.00	-8.07	peak	
3		385.9900	43.18	-8.99	34.19	46.00	-11.81	QP	
4	*	431.7417	48.16	-7.62	40.54	46.00	-5.46	QP	
5		650.0240	42.37	-3.09	39.28	46.00	-6.72	peak	
6		899.8313	37.47	0.54	38.01	46.00	-7.99	peak	

REMARKS:

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

For Built-in antenna:

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/8/24
Test Frequency	5775MHz	Polarization	Vertical
Temp	25°C	Hum.	57%

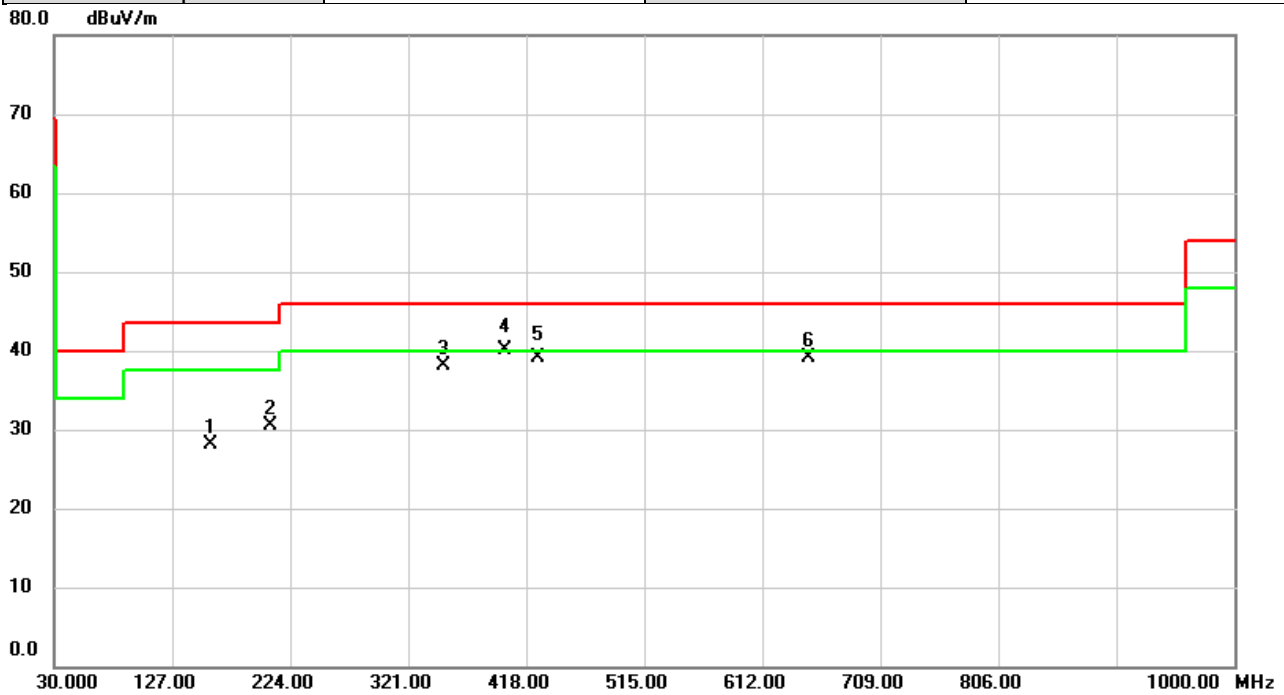


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		389.5467	42.85	-8.88	33.97	46.00	-12.03	QP	
2	!	479.9830	47.85	-6.57	41.28	46.00	-4.72	QP	
3		654.7770	42.48	-3.04	39.44	46.00	-6.56	peak	
4	*	745.5367	43.28	-1.46	41.82	46.00	-4.18	QP	
5		799.8890	40.53	-0.79	39.74	46.00	-6.26	QP	
6		899.8960	36.42	0.54	36.96	46.00	-9.04	QP	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/8/24
Test Frequency	5775MHz	Polarization	Horizontal
Temp	25°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		158.9453	39.97	-11.79	28.18	43.50	-15.32	peak	
2		207.2513	45.59	-15.15	30.44	43.50	-13.06	peak	
3		350.0030	48.25	-10.12	38.13	46.00	-7.87	peak	
4	*	400.0227	48.72	-8.55	40.17	46.00	-5.83	QP	
5		427.7970	46.77	-7.73	39.04	46.00	-6.96	QP	
6		650.0240	42.19	-3.09	39.10	46.00	-6.90	peak	

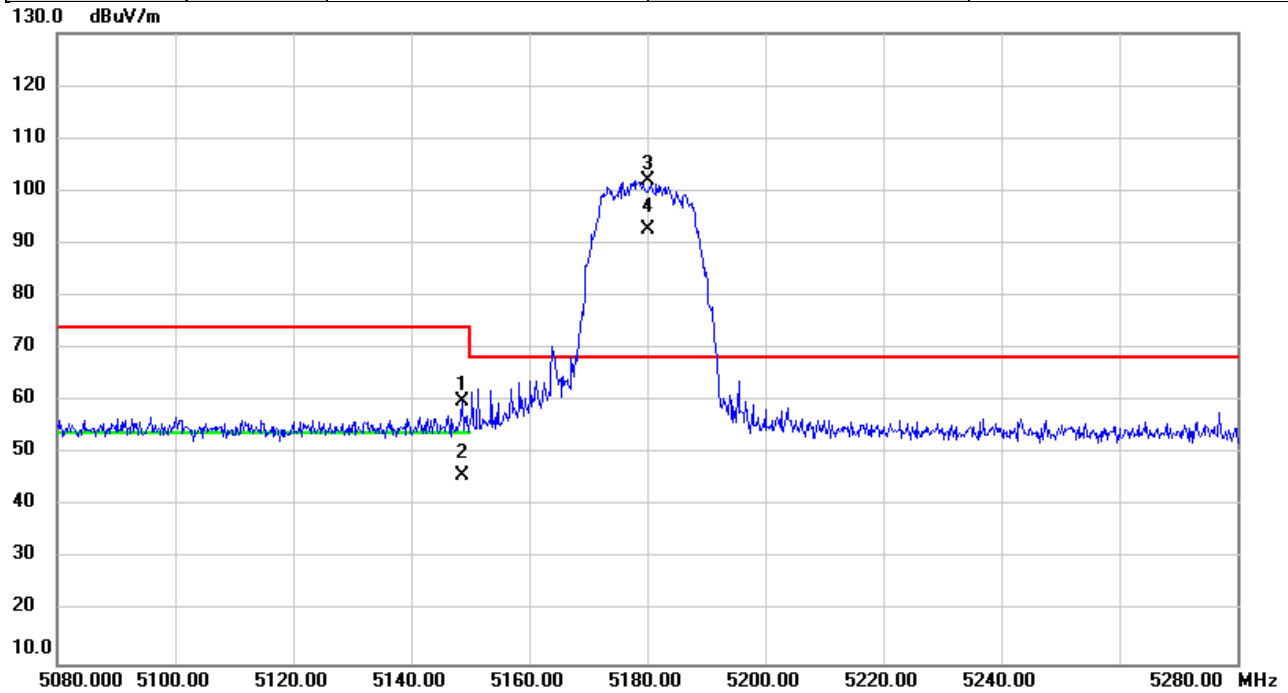
REMARKS:

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

For External Antenna:

Test Mode	IEEE 802.11a	Test Date	2023/6/27
Test Frequency	5180MHz	Polarization	Vertical
Temp	25°C	Hum.	50%



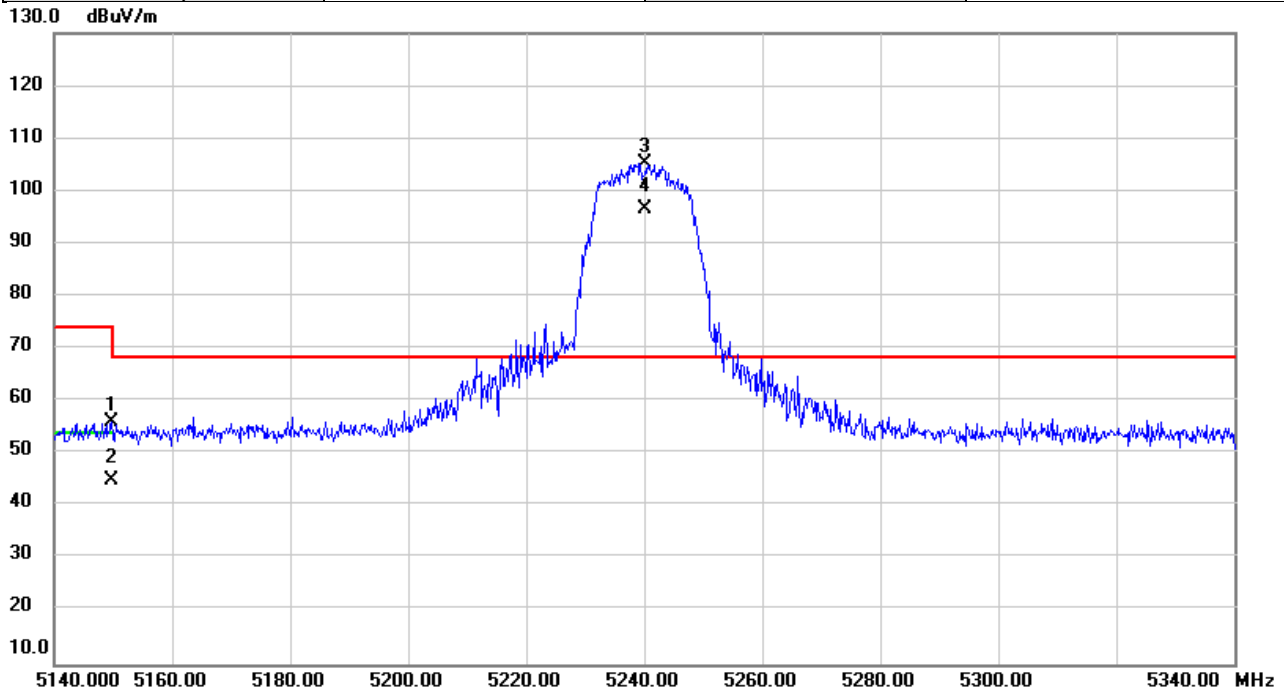
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5148.680	58.79	1.16	59.95	74.00	-14.05	peak	
2		5148.680	44.66	1.16	45.82	54.00	-8.18	AVG	
3	*	5180.000	100.91	1.17	102.08	68.20	33.88	peak	No Limit
4	X	5180.000	91.36	1.17	92.53	68.20	24.33	AVG	No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2023/6/27
Test Frequency	5240MHz	Polarization	Vertical
Temp	25°C	Hum.	50%



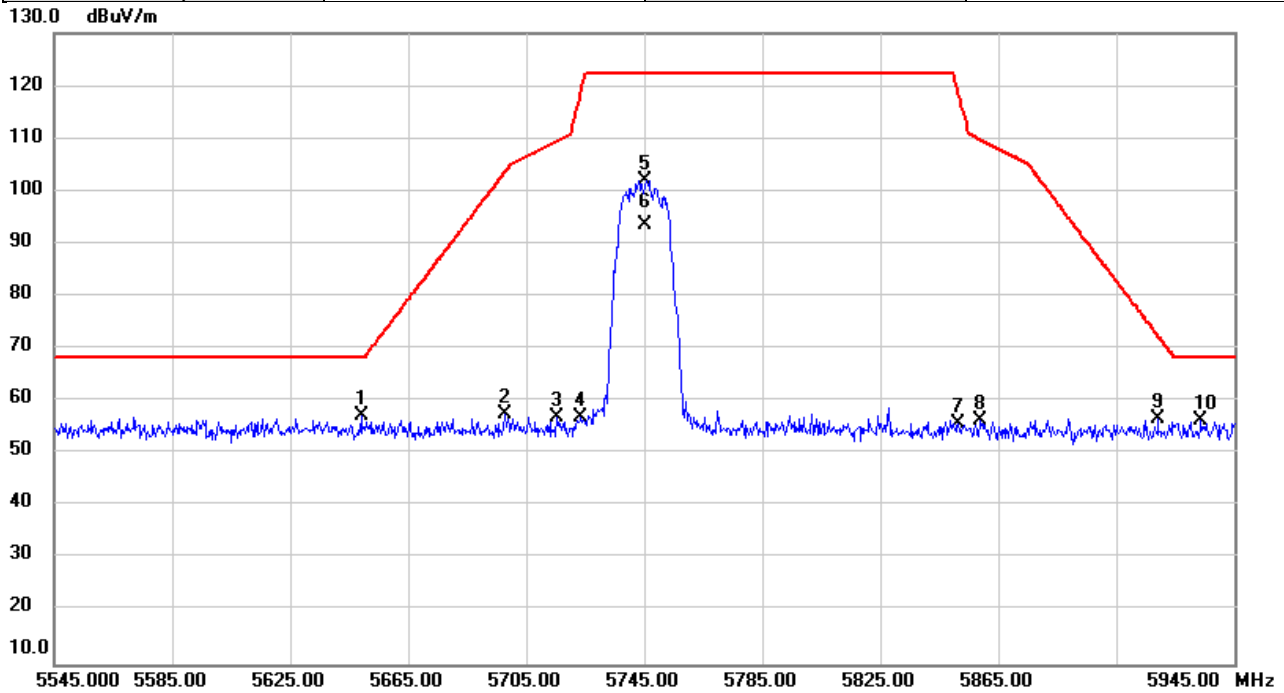
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.620	54.78	1.16	55.94	74.00	-18.06	peak	
2		5149.620	43.82	1.16	44.98	54.00	-9.02	AVG	
3	*	5240.000	103.98	1.19	105.17	68.20	36.97	peak	No Limit
4	X	5240.000	95.29	1.19	96.48	68.20	28.28	AVG	No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2023/6/27
Test Frequency	5745MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

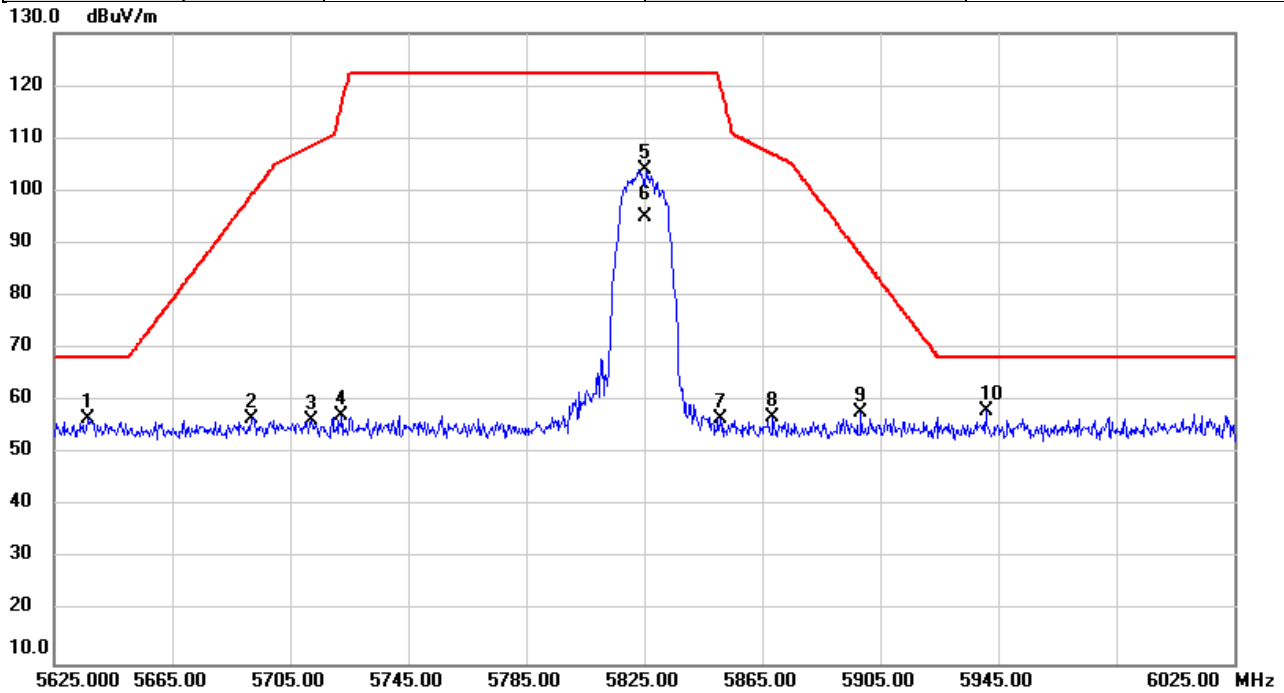


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5649.160	55.72	1.58	57.30	68.20	-10.90	peak	
2		5697.907	55.85	1.68	57.53	103.66	-46.13	peak	
3		5715.587	55.35	1.72	57.07	109.57	-52.50	peak	
4		5723.533	55.19	1.72	56.91	118.86	-61.95	peak	
5		5745.000	100.25	1.77	102.02	122.20	-20.18	peak	No Limit
6		5745.000	91.65	1.77	93.42	122.20	-28.78	AVG	No Limit
7		5851.613	53.92	1.98	55.90	118.52	-62.62	peak	
8		5859.120	54.27	2.00	56.27	109.64	-53.37	peak	
9		5919.187	54.62	2.12	56.74	72.49	-15.75	peak	
10		5933.427	54.19	2.15	56.34	68.20	-11.86	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/27
Test Frequency	5825MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

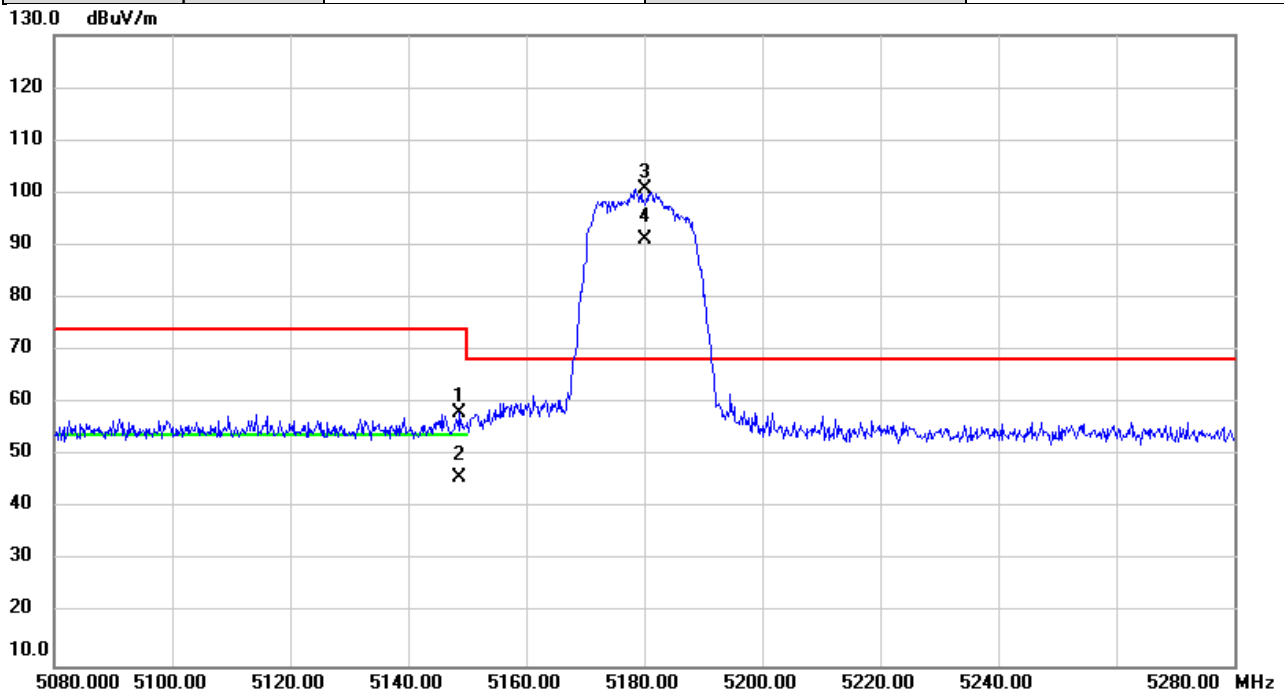


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5636.587	55.15	1.55	56.70	68.20	-11.50	peak	
2		5692.200	55.02	1.67	56.69	99.45	-42.76	peak	
3		5712.267	54.75	1.70	56.45	108.64	-52.19	peak	
4		5722.387	55.63	1.72	57.35	116.24	-58.89	peak	
5		5825.000	102.04	1.93	103.97	122.20	-18.23	peak	No Limit
6		5825.000	93.16	1.93	95.09	122.20	-27.11	AVG	No Limit
7		5851.133	54.58	1.98	56.56	119.62	-63.06	peak	
8		5868.667	55.04	2.02	57.06	106.97	-49.91	peak	
9		5898.293	55.63	2.09	57.72	87.92	-30.20	peak	
10	*	5940.947	55.94	2.17	58.11	68.20	-10.09	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/27
Test Frequency	5180MHz	Polarization	Vertical
Temp	25°C	Hum.	50%



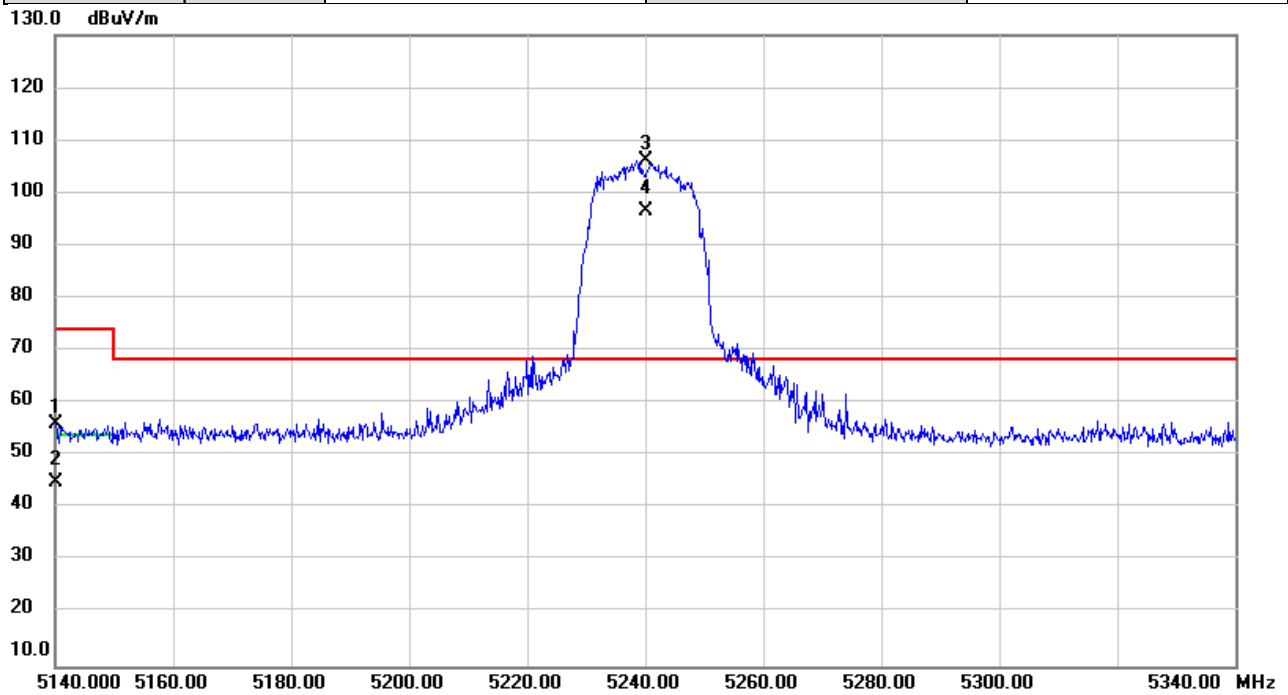
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5148.707	57.11	1.16	58.27	74.00	-15.73	peak	
2		5148.707	44.71	1.16	45.87	54.00	-8.13	AVG	
3	*	5180.000	99.48	1.17	100.65	68.20	32.45	peak	No Limit
4	X	5180.000	89.94	1.17	91.11	68.20	22.91	AVG	No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/27
Test Frequency	5240MHz	Polarization	Vertical
Temp	25°C	Hum.	50%



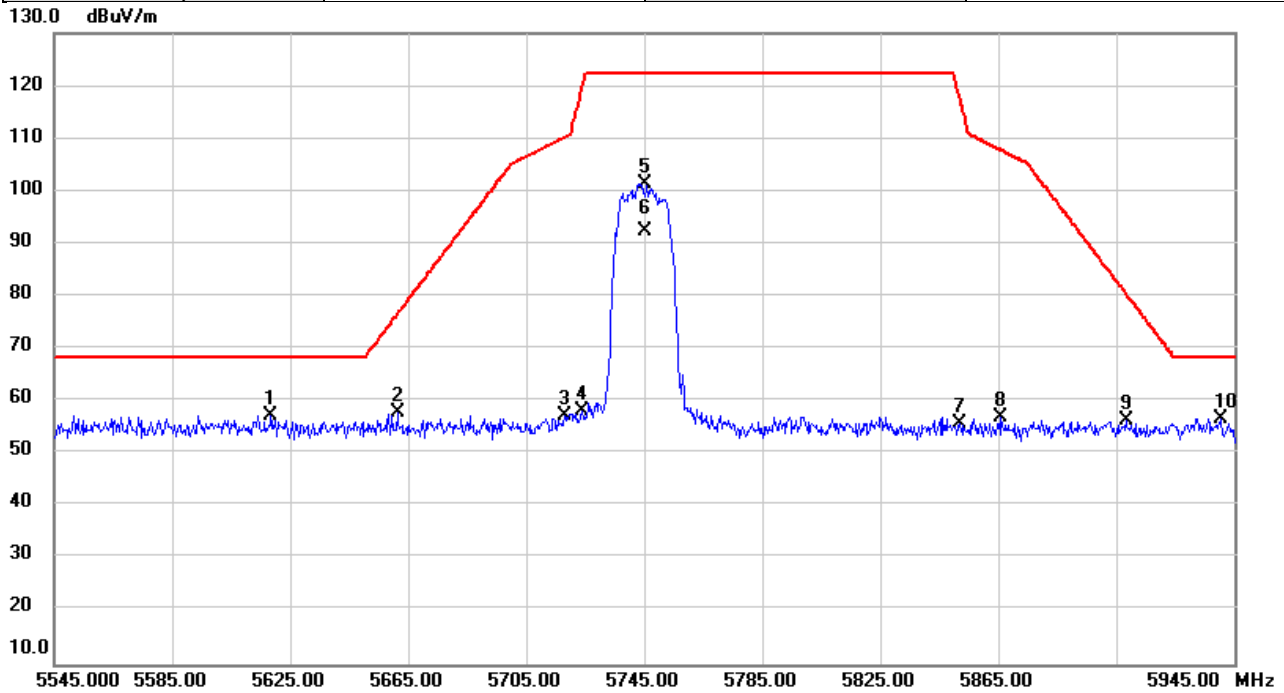
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5140.000	54.99	1.17	56.16	74.00	-17.84	peak	
2		5140.000	43.75	1.17	44.92	54.00	-9.08	AVG	
3	*	5240.000	104.84	1.19	106.03	68.20	37.83	peak	No Limit
4	X	5240.000	95.44	1.19	96.63	68.20	28.43	AVG	No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/27
Test Frequency	5745MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

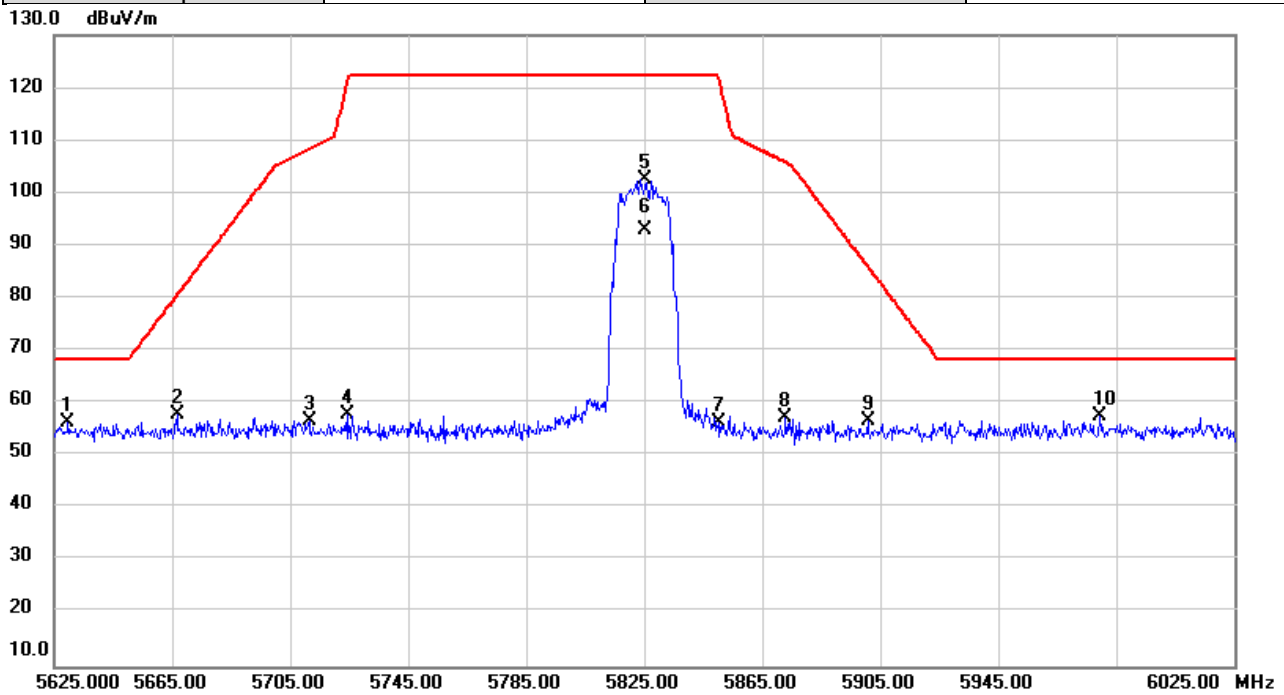


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5618.440	55.77	1.51	57.28	68.20	-10.92	peak	
2		5661.333	56.30	1.59	57.89	76.62	-18.73	peak	
3		5718.053	55.66	1.72	57.38	110.26	-52.88	peak	
4		5723.987	56.49	1.72	58.21	119.89	-61.68	peak	
5		5745.000	99.59	1.77	101.36	122.20	-20.84	peak	No Limit
6		5745.000	90.47	1.77	92.24	122.20	-29.96	AVG	No Limit
7		5851.853	53.92	1.98	55.90	117.97	-62.07	peak	
8		5866.040	54.86	2.02	56.88	107.71	-50.83	peak	
9		5908.427	54.34	2.10	56.44	80.43	-23.99	peak	
10		5940.307	54.52	2.17	56.69	68.20	-11.51	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/27
Test Frequency	5825MHz	Polarization	Vertical
Temp	25°C	Hum.	50%



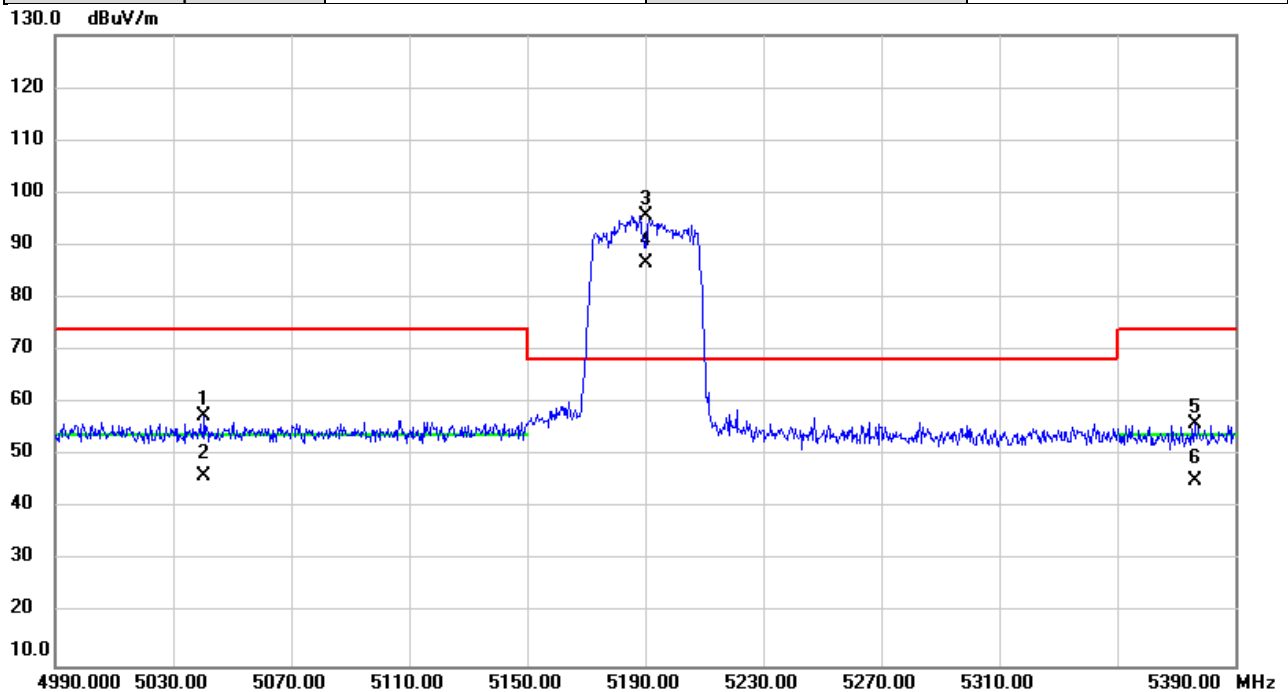
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5629.440	54.79	1.53	56.32	68.20	-11.88	peak	
2		5666.813	56.38	1.61	57.99	80.68	-22.69	peak	
3		5711.427	55.09	1.70	56.79	108.40	-51.61	peak	
4		5724.467	56.17	1.72	57.89	120.99	-63.10	peak	
5		5825.000	100.66	1.93	102.59	122.20	-19.61	peak	No Limit
6		5825.000	91.02	1.93	92.95	122.20	-29.25	AVG	No Limit
7		5850.120	54.43	1.98	56.41	121.93	-65.52	peak	
8		5872.827	55.28	2.03	57.31	105.81	-48.50	peak	
9		5900.947	54.61	2.09	56.70	85.96	-29.26	peak	
10	*	5979.413	55.22	2.24	57.46	68.20	-10.74	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/27
Test Frequency	5190MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

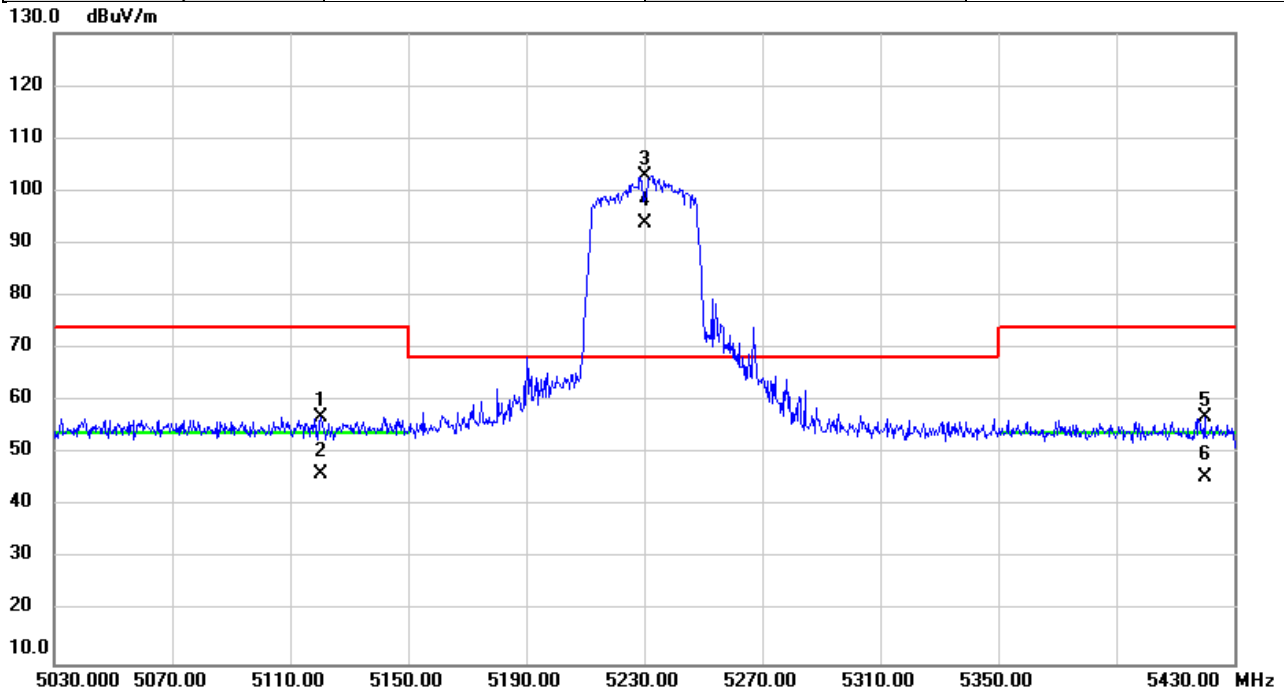


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5040.467	56.40	1.14	57.54	74.00	-16.46	peak	
2		5040.467	45.16	1.14	46.30	54.00	-7.70	AVG	
3	*	5190.000	94.50	1.18	95.68	68.20	27.48	peak	No Limit
4	X	5190.000	85.41	1.18	86.59	68.20	18.39	AVG	No Limit
5		5376.360	54.68	1.23	55.91	74.00	-18.09	peak	
6		5376.360	43.89	1.23	45.12	54.00	-8.88	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/27
Test Frequency	5230MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

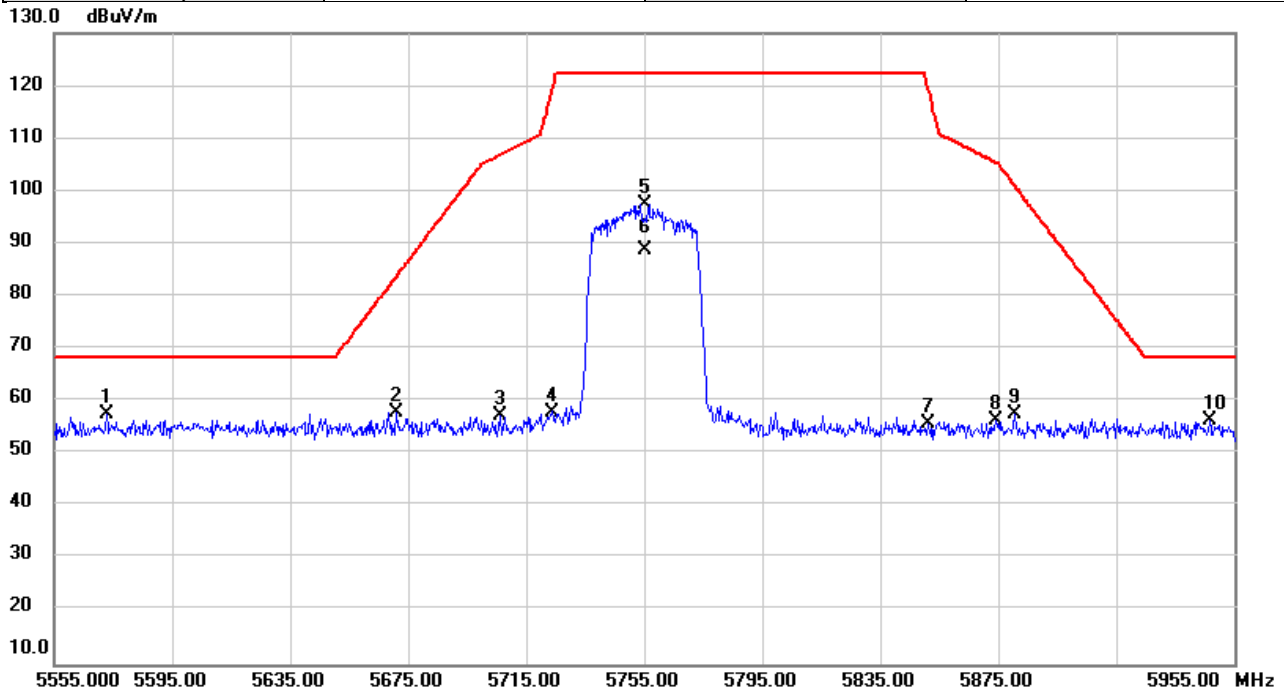


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5120.400	55.93	1.15	57.08	74.00	-16.92	peak	
2		5120.400	44.94	1.15	46.09	54.00	-7.91	AVG	
3	*	5230.000	101.60	1.19	102.79	68.20	34.59	peak	No Limit
4	X	5230.000	92.56	1.19	93.75	68.20	25.55	AVG	No Limit
5		5420.013	55.58	1.25	56.83	74.00	-17.17	peak	
6		5420.013	44.30	1.25	45.55	54.00	-8.45	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/27
Test Frequency	5755MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

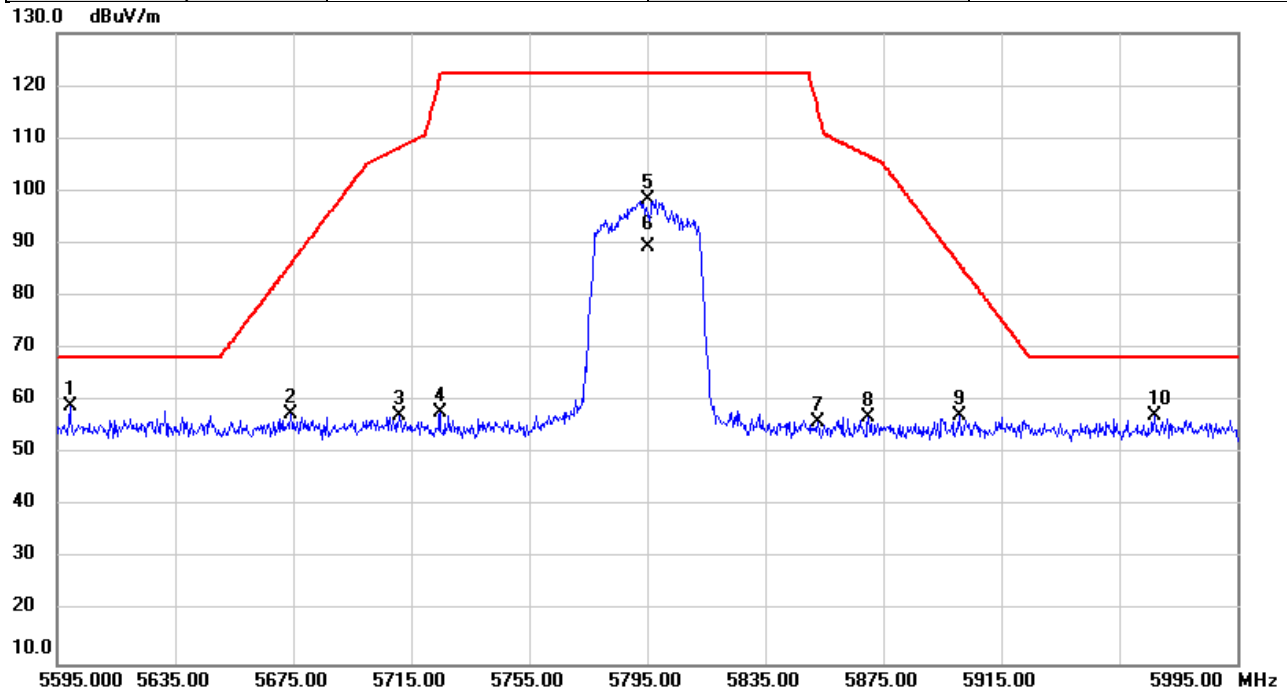


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5572.920	56.26	1.42	57.68	68.20	-10.52	peak	
2		5670.773	56.28	1.62	57.90	83.61	-25.71	peak	
3		5706.280	55.63	1.69	57.32	106.96	-49.64	peak	
4		5723.707	56.28	1.72	58.00	119.25	-61.25	peak	
5		5755.000	95.79	1.79	97.58	122.20	-24.62	peak	No Limit
6		5755.000	86.94	1.79	88.73	122.20	-33.47	AVG	No Limit
7		5851.187	53.69	1.98	55.67	119.49	-63.82	peak	
8		5874.373	54.29	2.03	56.32	105.38	-49.06	peak	
9		5880.520	55.42	2.04	57.46	101.10	-43.64	peak	
10		5946.787	54.20	2.18	56.38	68.20	-11.82	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/27
Test Frequency	5795MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

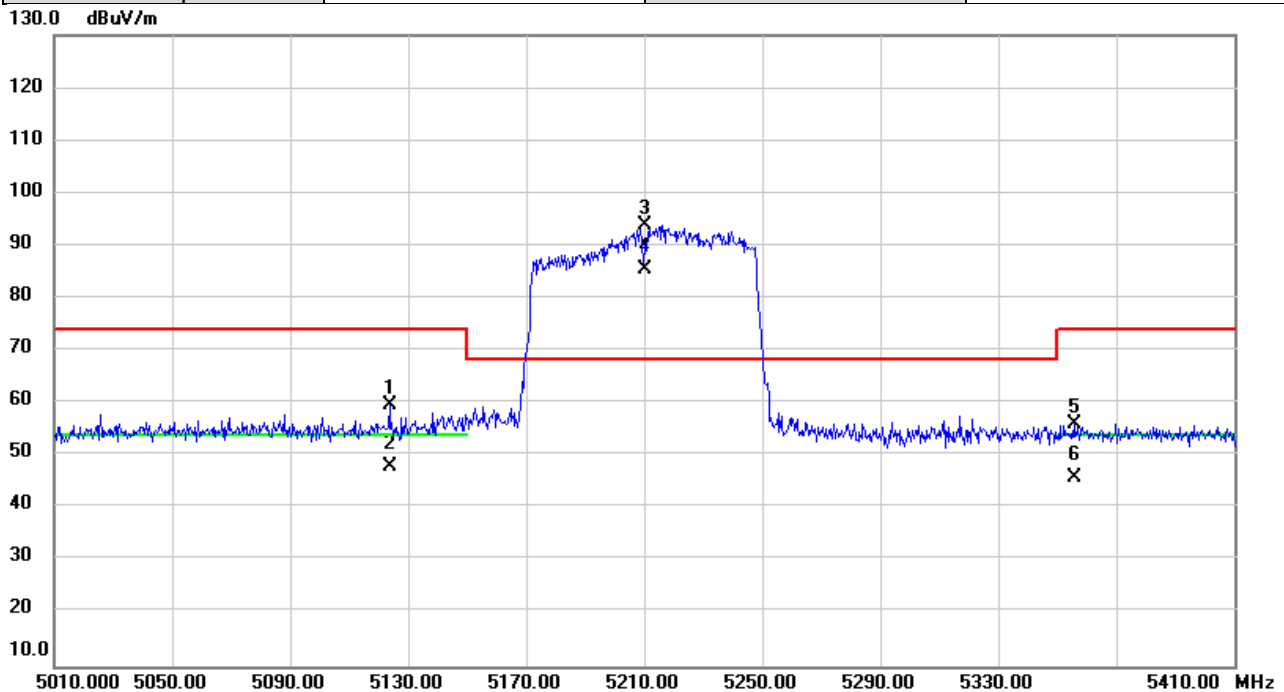


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5599.347	57.48	1.47	58.95	68.20	-9.25	peak	
2		5673.973	55.83	1.62	57.45	85.98	-28.53	peak	
3		5711.053	55.43	1.70	57.13	108.30	-51.17	peak	
4		5724.613	56.26	1.72	57.98	121.32	-63.34	peak	
5		5795.000	96.35	1.87	98.22	122.20	-23.98	peak	No Limit
6		5795.000	87.57	1.87	89.44	122.20	-32.76	AVG	No Limit
7		5852.680	54.14	1.98	56.12	116.09	-59.97	peak	
8		5869.960	55.06	2.03	57.09	106.61	-49.52	peak	
9		5900.680	55.27	2.09	57.36	86.16	-28.80	peak	
10		5966.920	55.10	2.23	57.33	68.20	-10.87	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/27
Test Frequency	5210MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

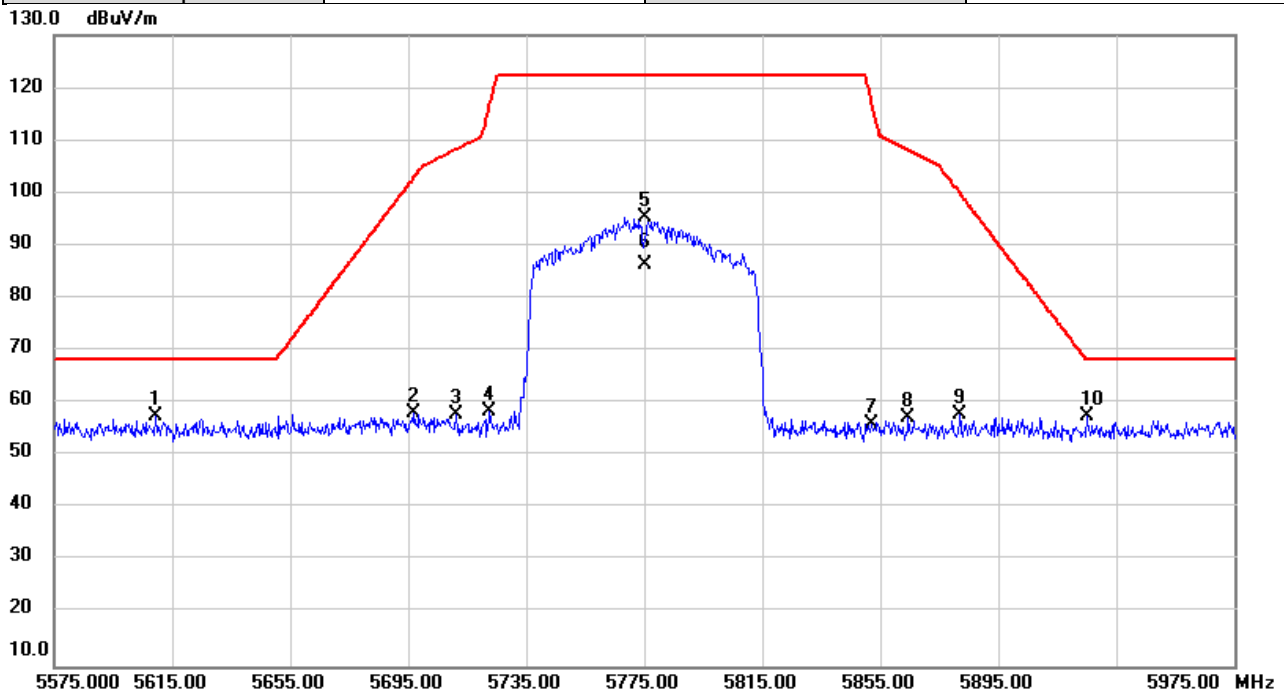


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5123.853	58.39	1.16	59.55	74.00	-14.45	peak	
2		5123.853	46.80	1.16	47.96	54.00	-6.04	AVG	
3	*	5210.000	92.60	1.18	93.78	68.20	25.58	peak	No Limit
4	X	5210.000	84.18	1.18	85.36	68.20	17.16	AVG	No Limit
5		5355.667	54.79	1.23	56.02	74.00	-17.98	peak	
6		5355.667	44.50	1.23	45.73	54.00	-8.27	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/27
Test Frequency	5775MHz	Polarization	Vertical
Temp	25°C	Hum.	50%

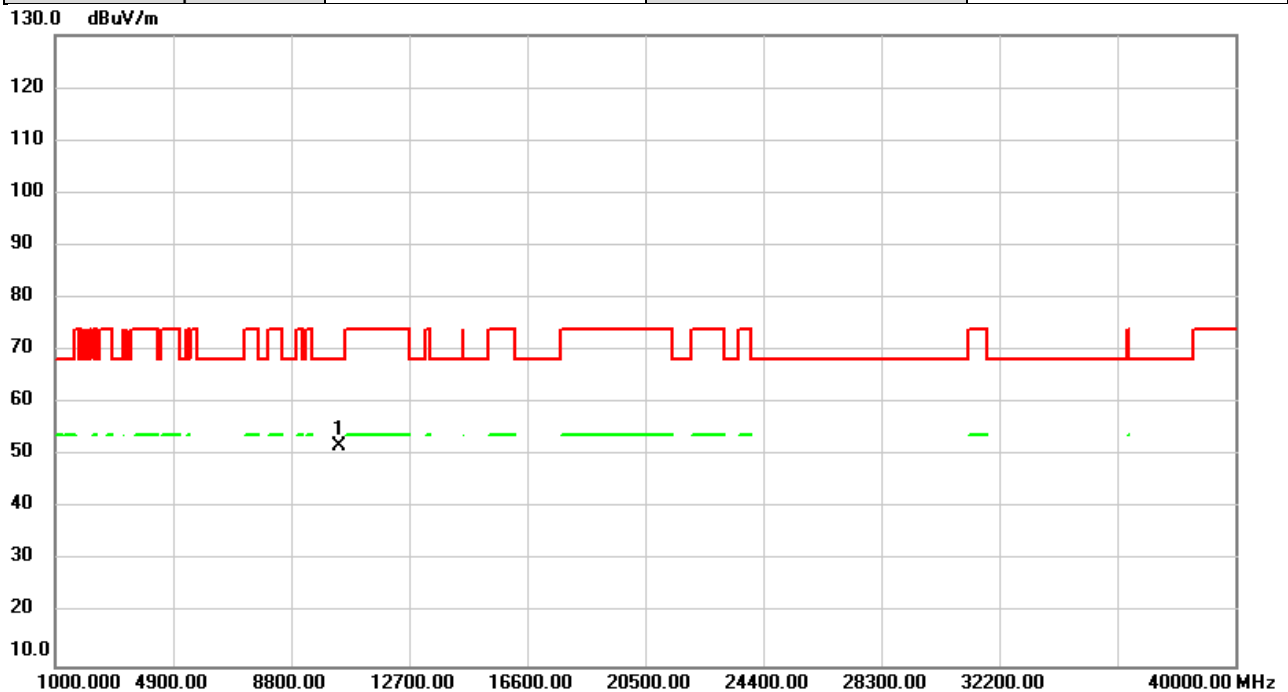


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5609.427	56.09	1.49	57.58	68.20	-10.62	peak	
2		5697.107	56.39	1.67	58.06	103.07	-45.01	peak	
3		5711.307	56.05	1.70	57.75	108.37	-50.62	peak	
4		5722.733	56.85	1.72	58.57	117.03	-58.46	peak	
5		5775.000	93.55	1.83	95.38	122.20	-26.82	peak	No Limit
6		5775.000	84.59	1.83	86.42	122.20	-35.78	AVG	No Limit
7		5852.267	54.06	1.98	56.04	117.03	-60.99	peak	
8		5864.240	55.15	2.02	57.17	108.21	-51.04	peak	
9		5881.840	55.79	2.05	57.84	100.12	-42.28	peak	
10		5925.373	55.34	2.14	57.48	68.20	-10.72	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5180MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

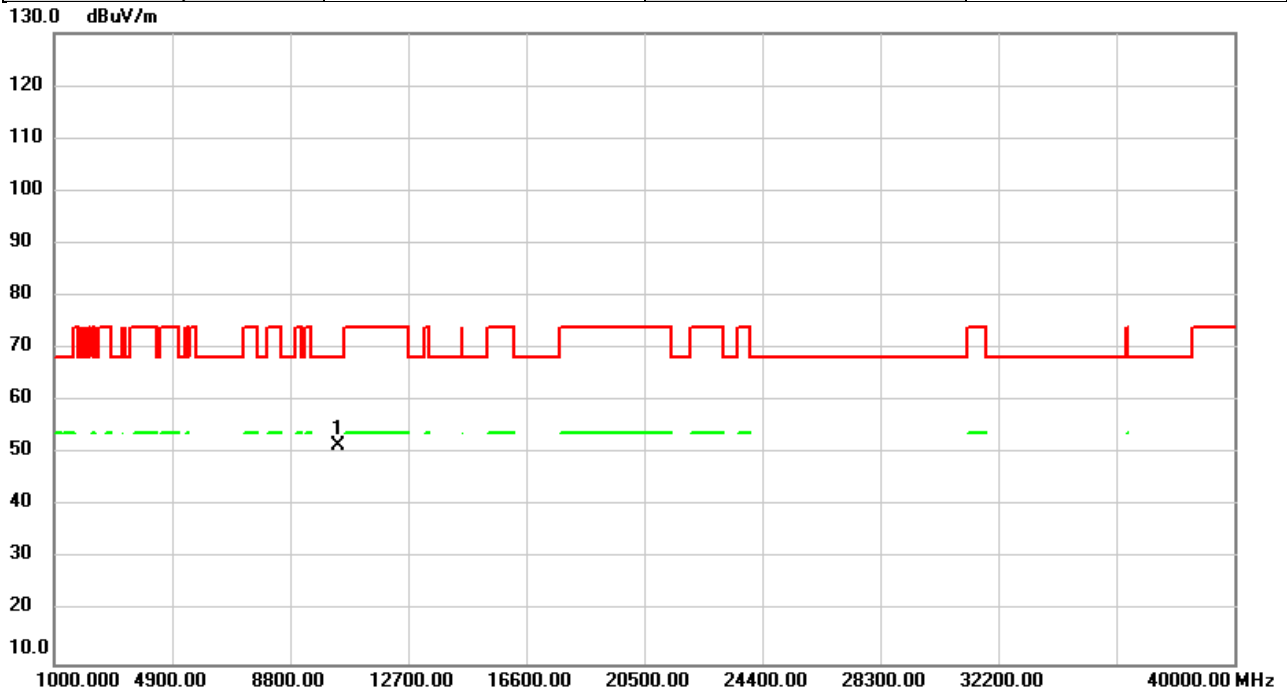


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	46.28	5.56	51.84	68.20	-16.36	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5180MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

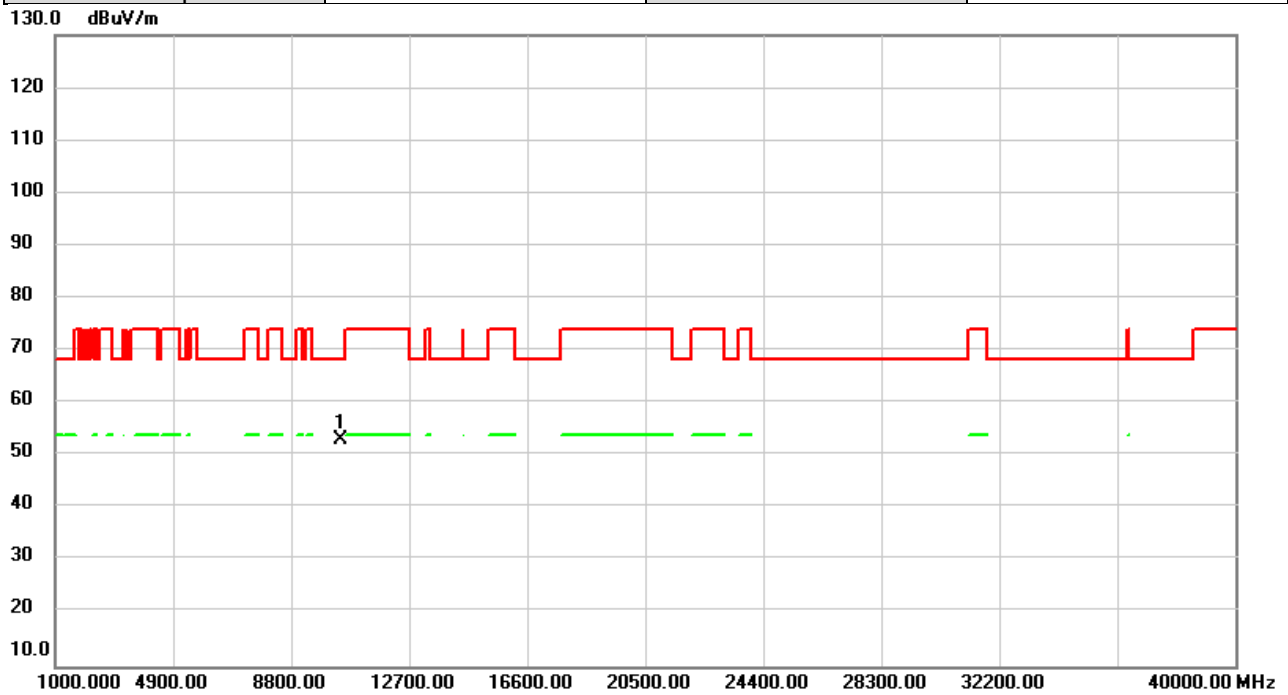


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	46.11	5.56	51.67	68.20	-16.53	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5220MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

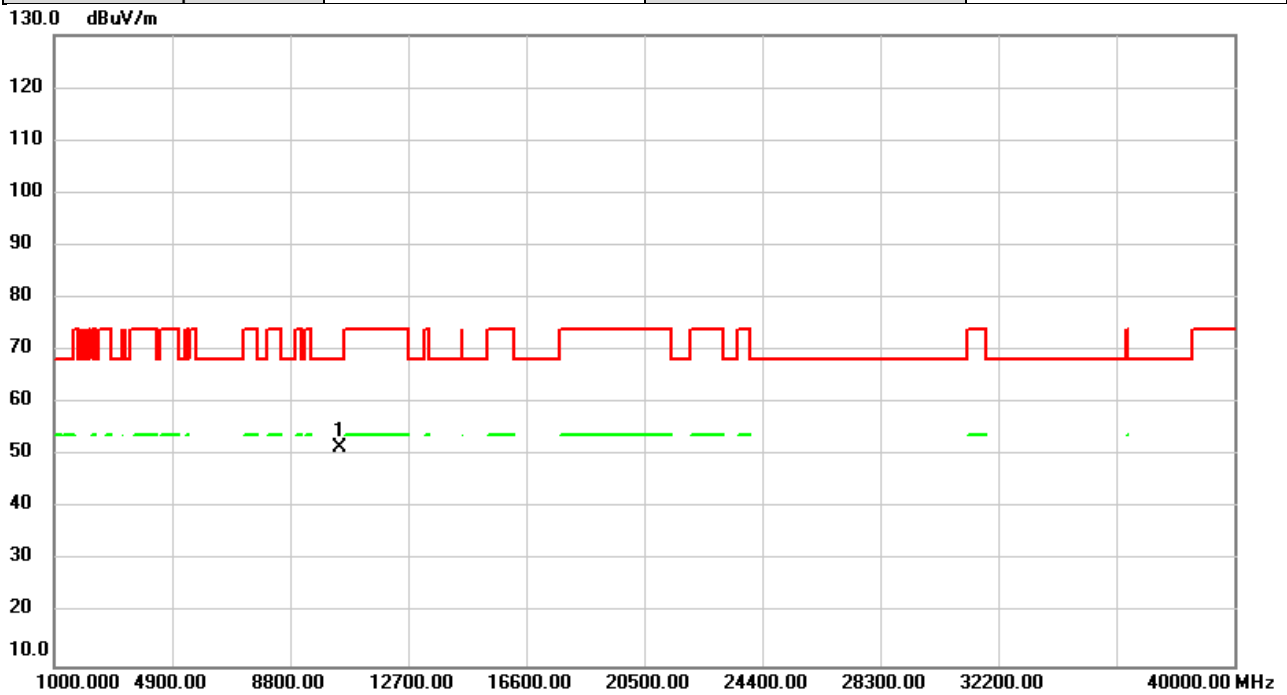


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10440.00	47.69	5.37	53.06	68.20	-15.14	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5220MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

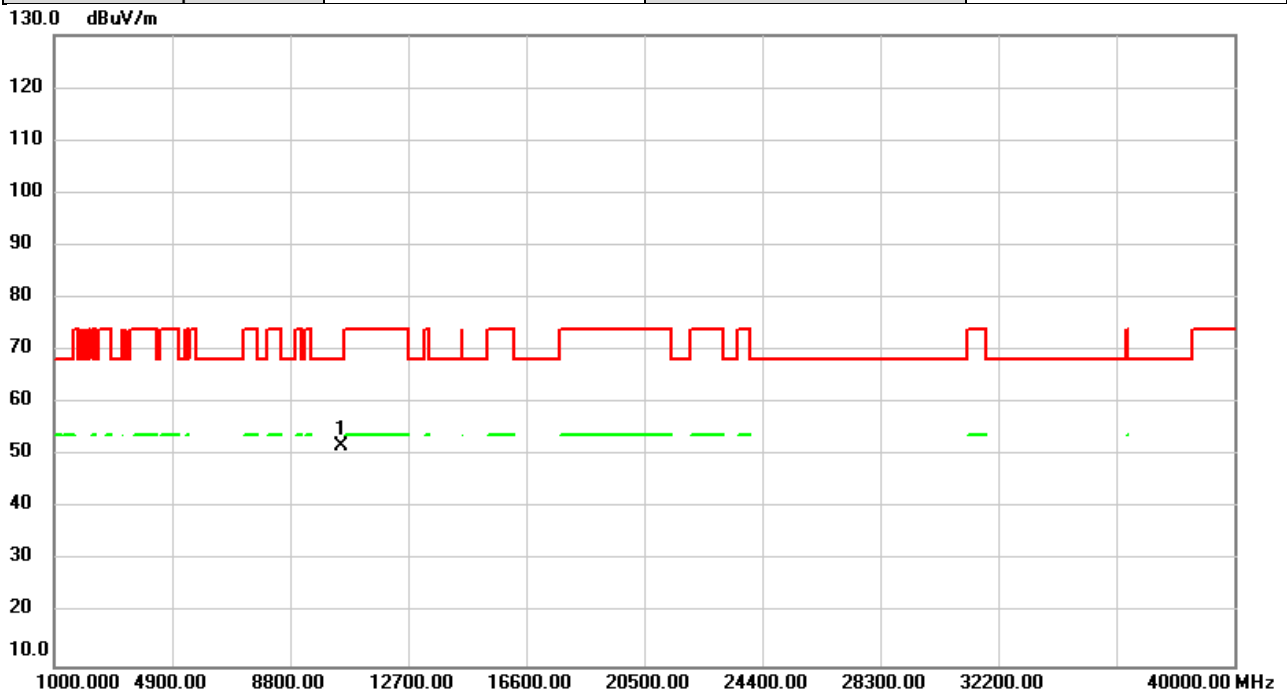


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10440.00	46.31	5.37	51.68	68.20	-16.52	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5240MHz	Polarization	Vertical
Temp	26°C	Hum.	52%



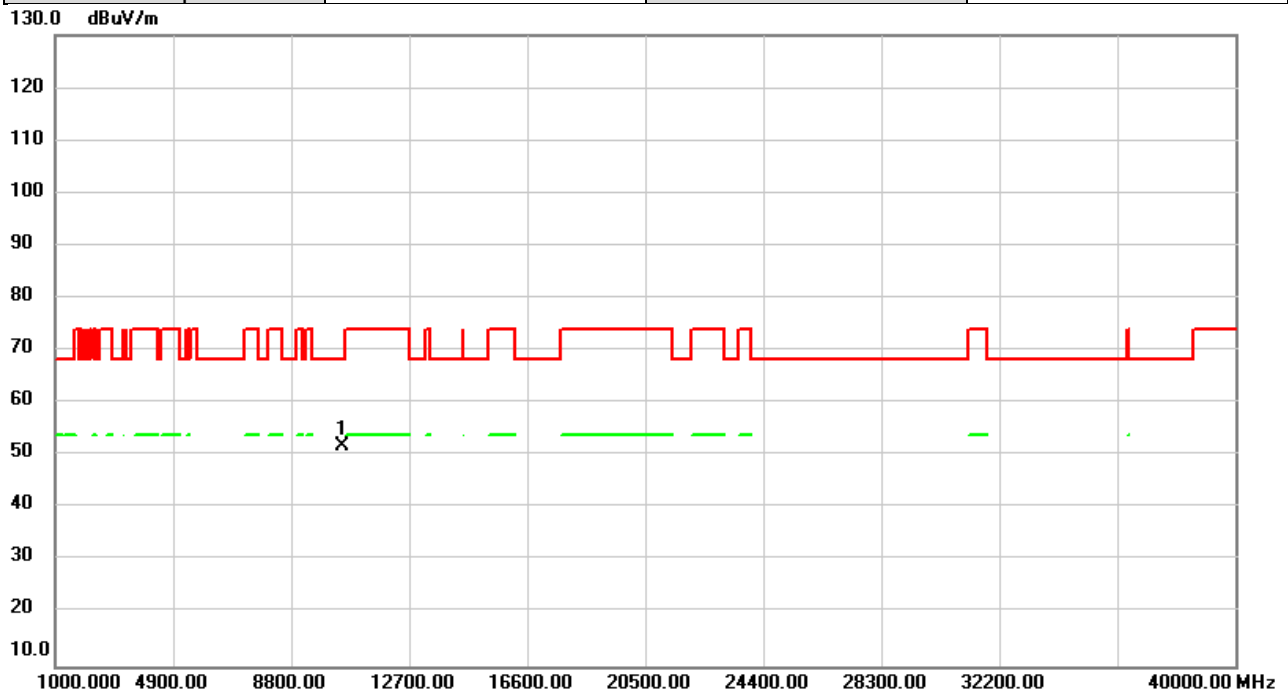
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	46.57	5.28	51.85	68.20	-16.35	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5240MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

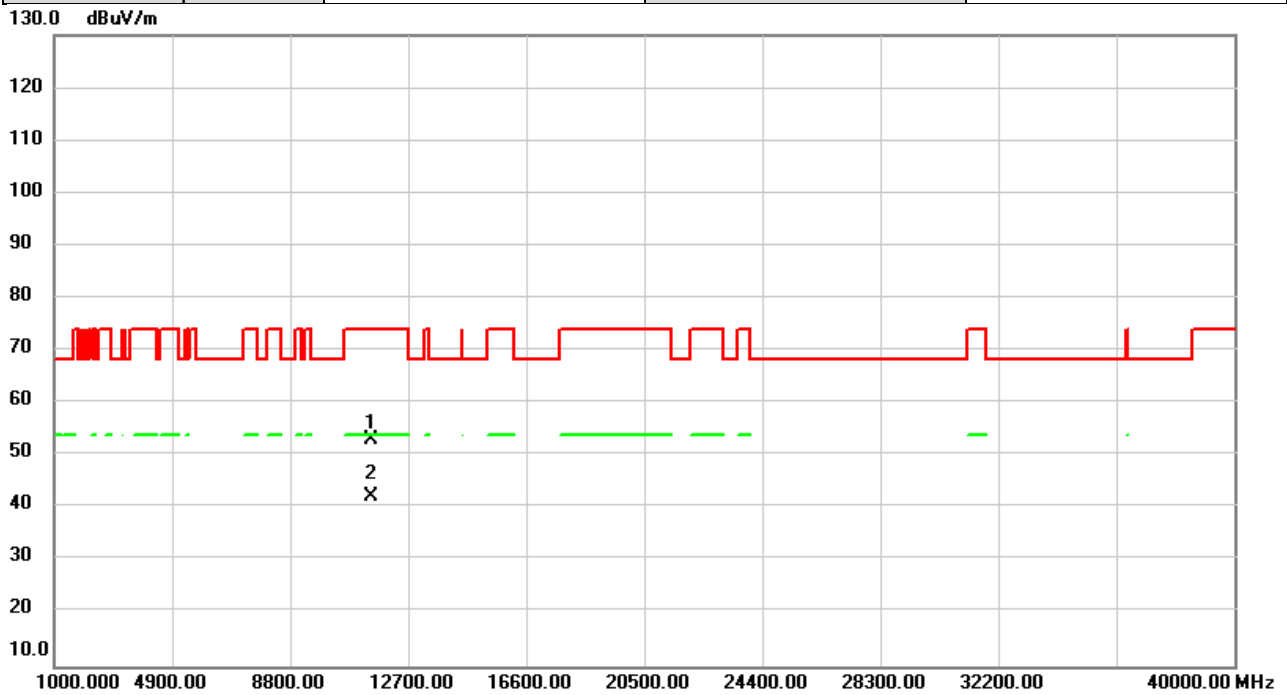


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	46.48	5.28	51.76	68.20	-16.44	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5745MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

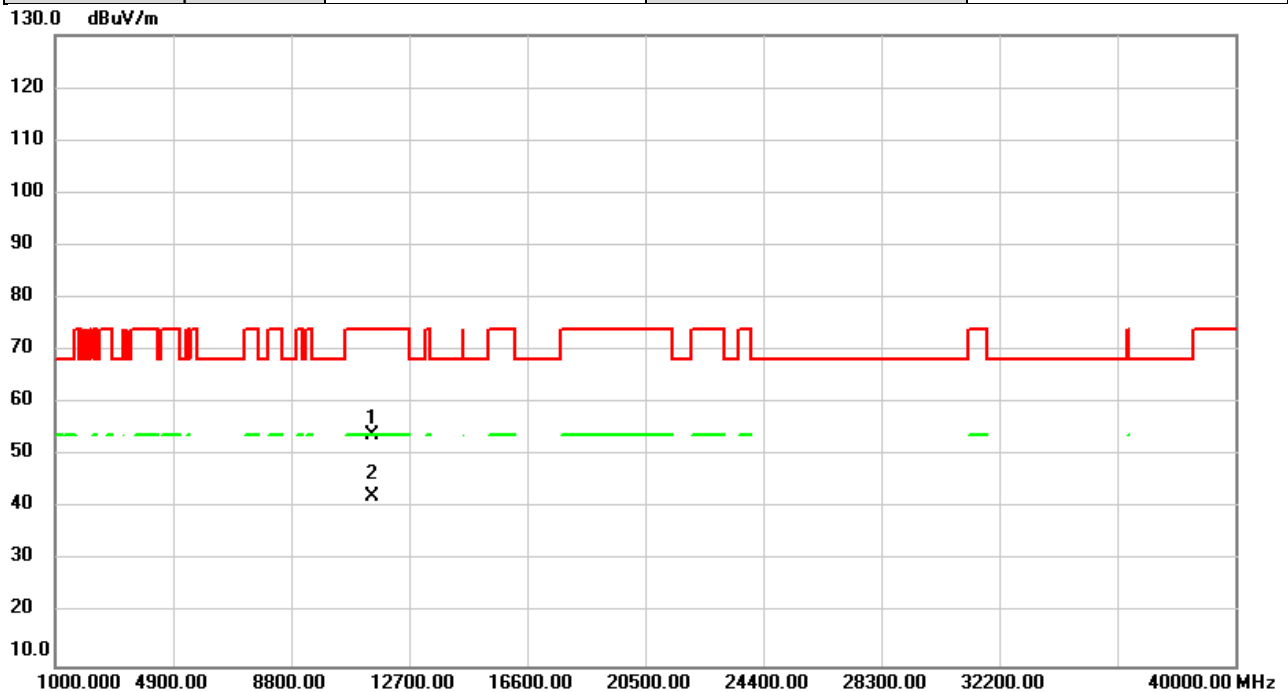


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11490.00	46.38	6.76	53.14	74.00	-20.86	peak	
2	*	11490.00	35.52	6.76	42.28	54.00	-11.72	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5745MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

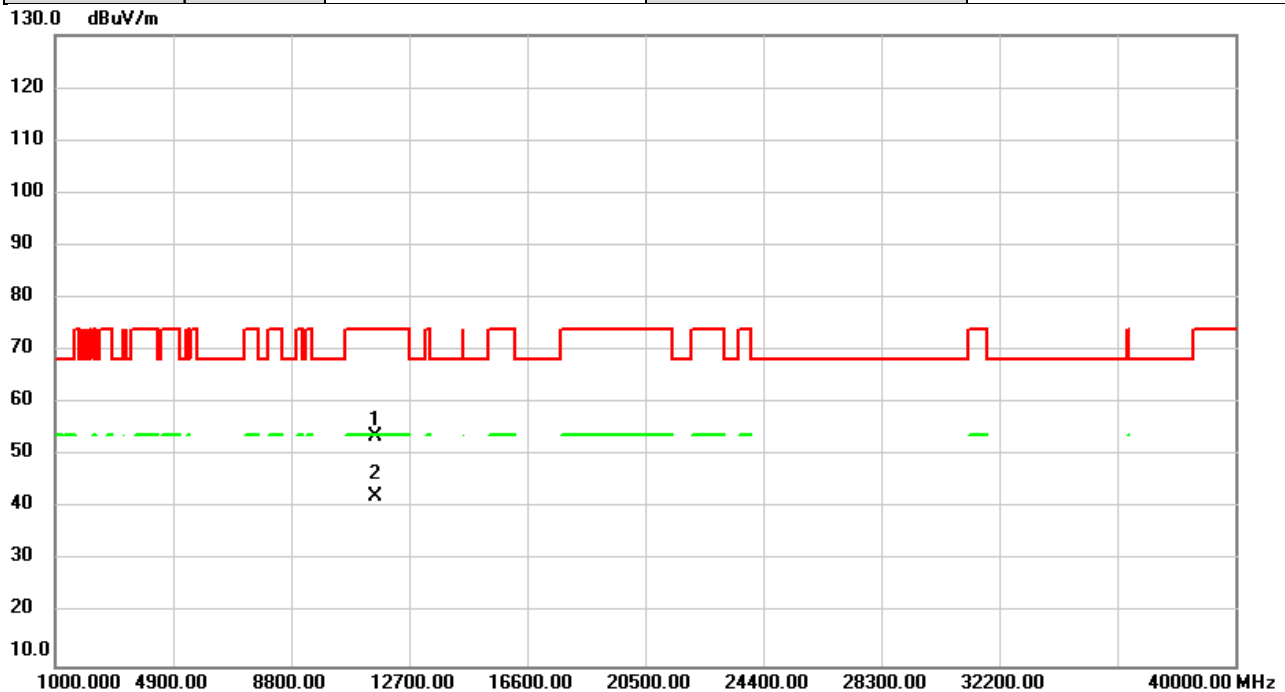


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		11490.00	47.33	6.76	54.09	74.00	-19.91	peak	
2	*	11490.00	35.62	6.76	42.38	54.00	-11.62	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5785MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

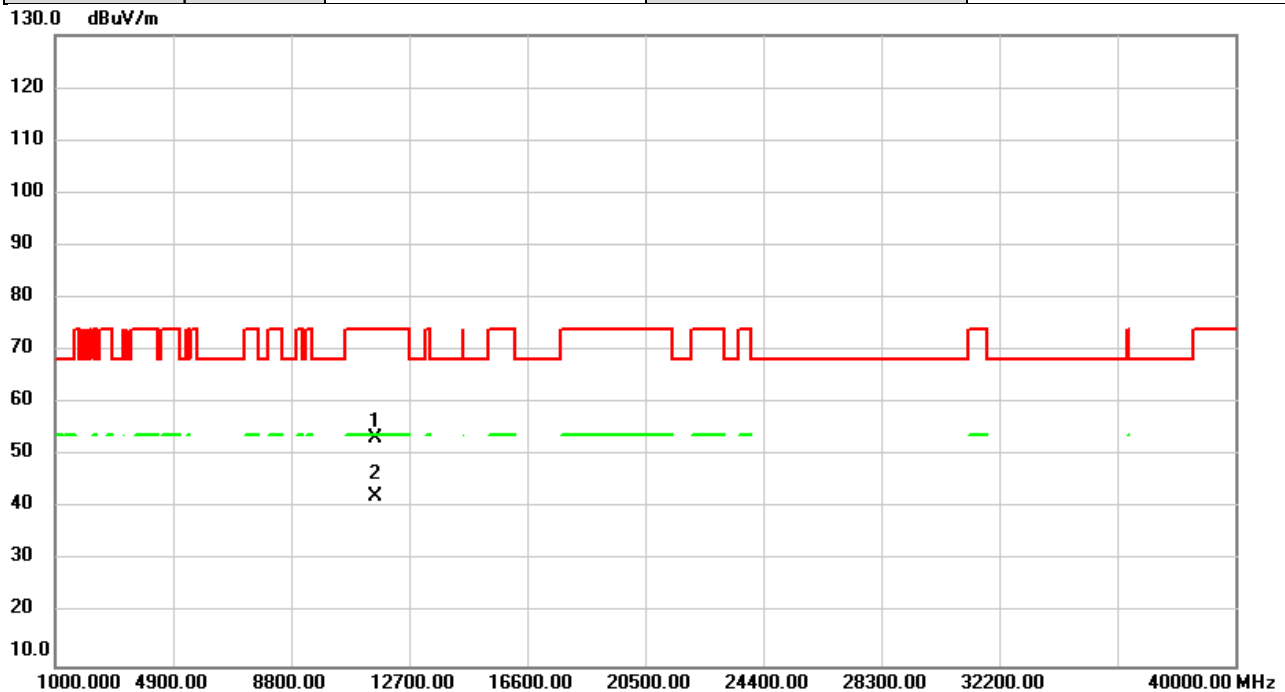


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11570.00	46.99	6.72	53.71	74.00	-20.29	peak	
2	*	11570.00	35.48	6.72	42.20	54.00	-11.80	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5785MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

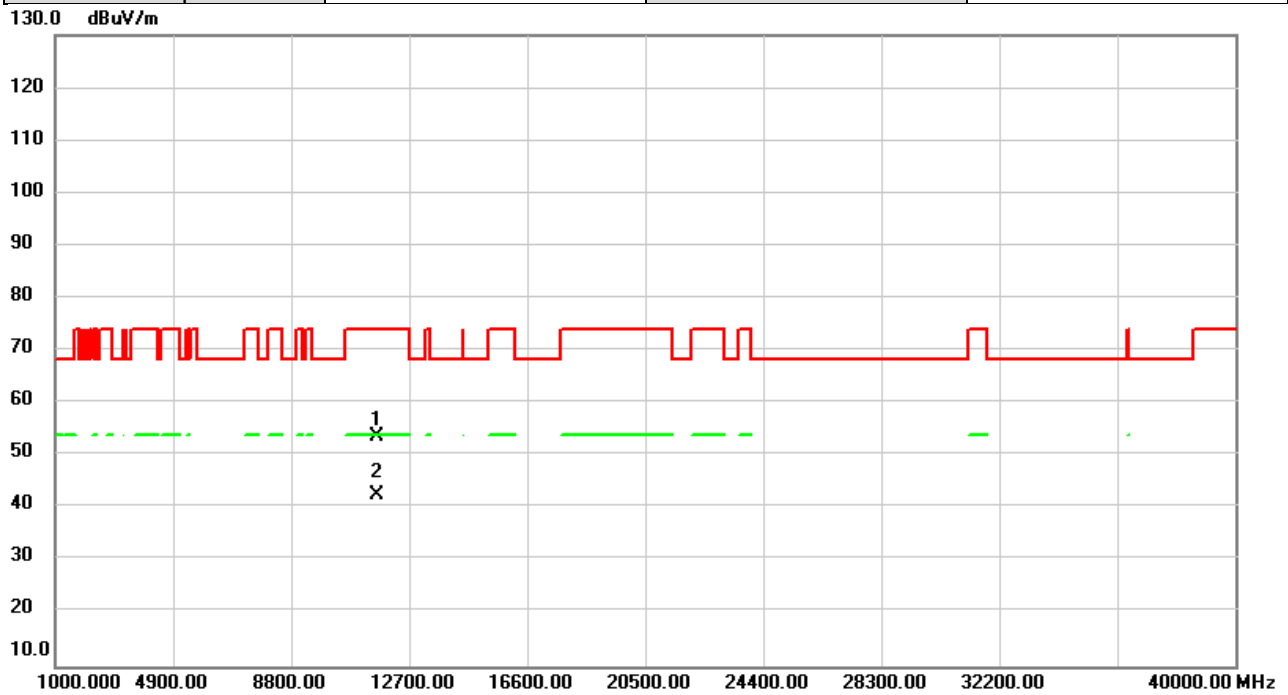


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	46.55	6.72	53.27	74.00	-20.73	peak	
2	*	11570.00	35.50	6.72	42.22	54.00	-11.78	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5825MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

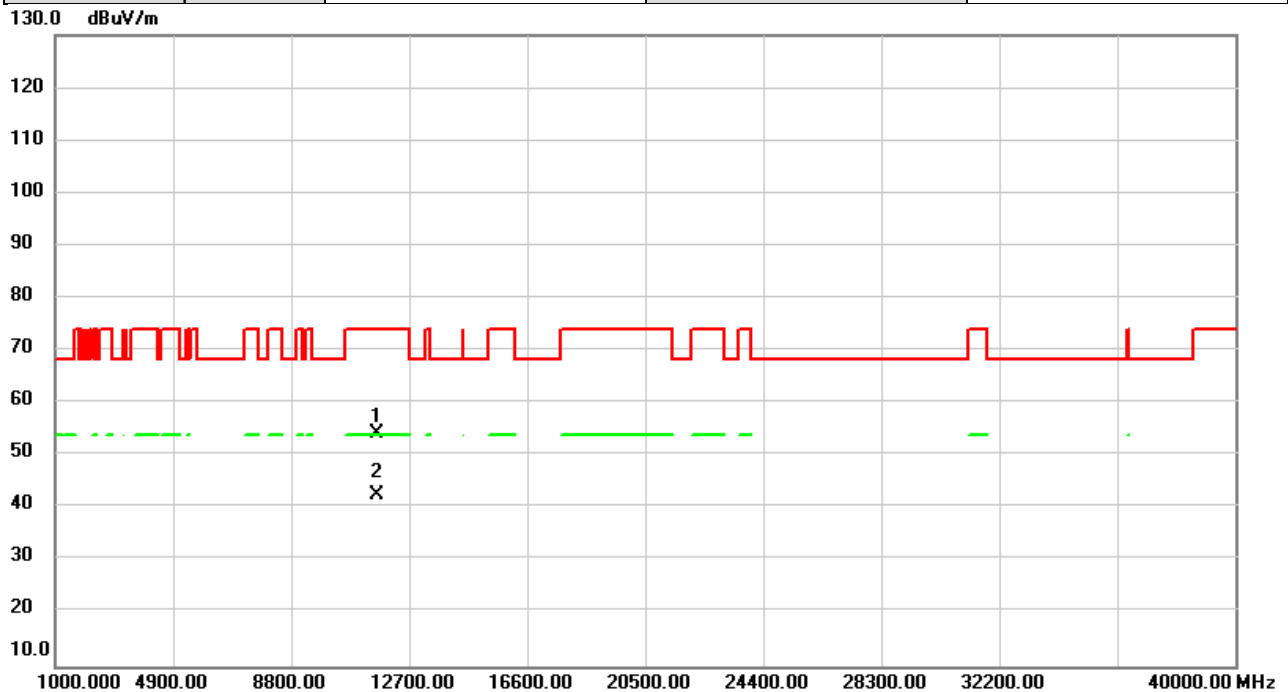


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11650.00	46.84	6.67	53.51	74.00	-20.49	peak	
2	*	11650.00	35.86	6.67	42.53	54.00	-11.47	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5825MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

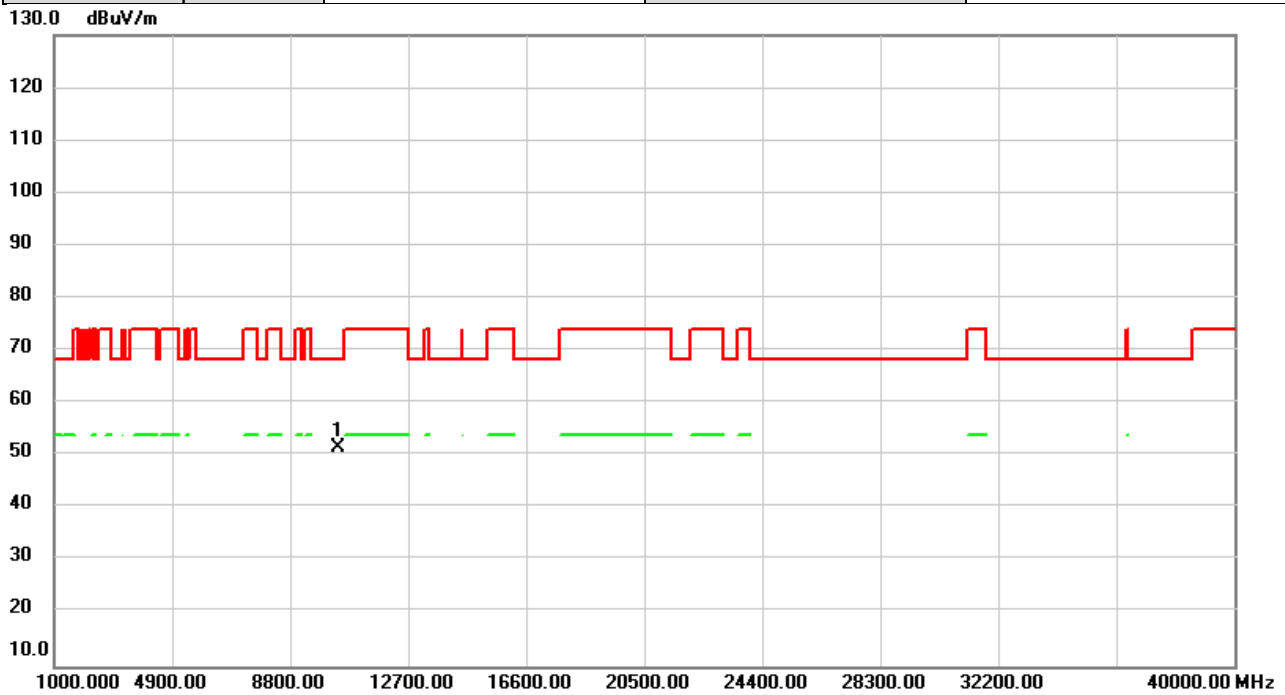


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11650.00	47.50	6.67	54.17	74.00	-19.83	peak	
2	*	11650.00	35.82	6.67	42.49	54.00	-11.51	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5180MHz	Polarization	Vertical
Temp	26°C	Hum.	52%



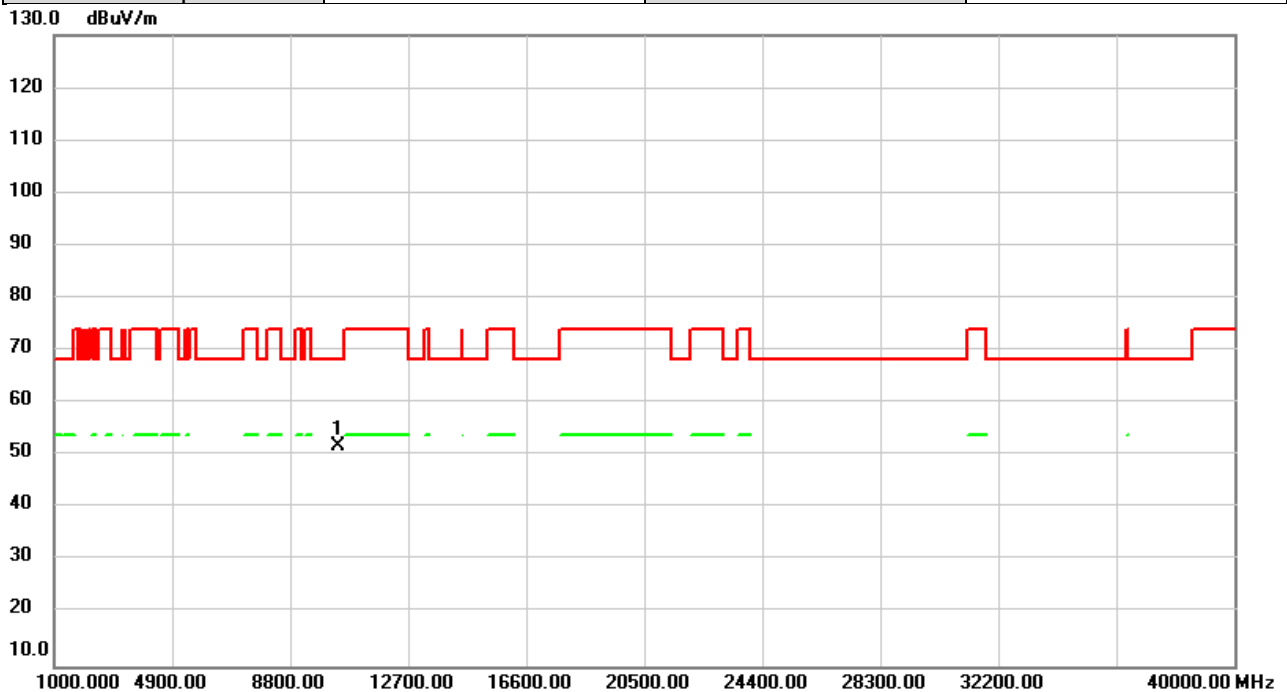
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	45.87	5.56	51.43	68.20	-16.77	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5180MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

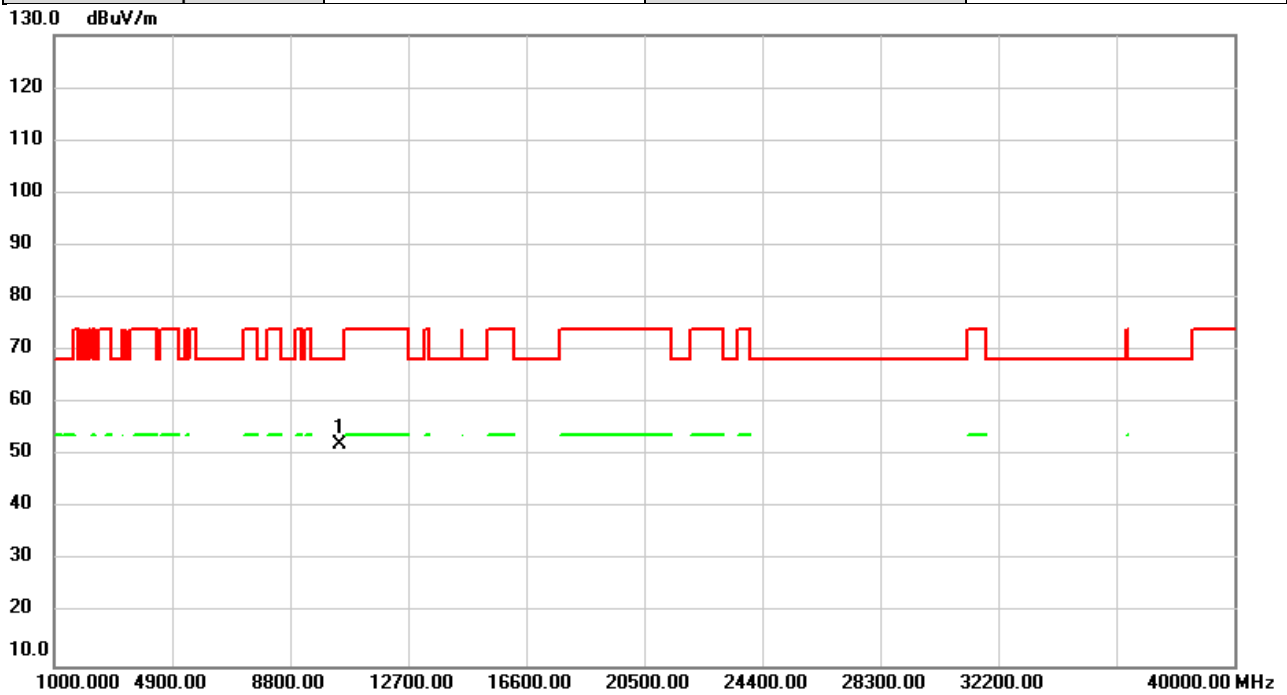


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	46.21	5.56	51.77	68.20	-16.43	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5220MHz	Polarization	Vertical
Temp	26°C	Hum.	52%



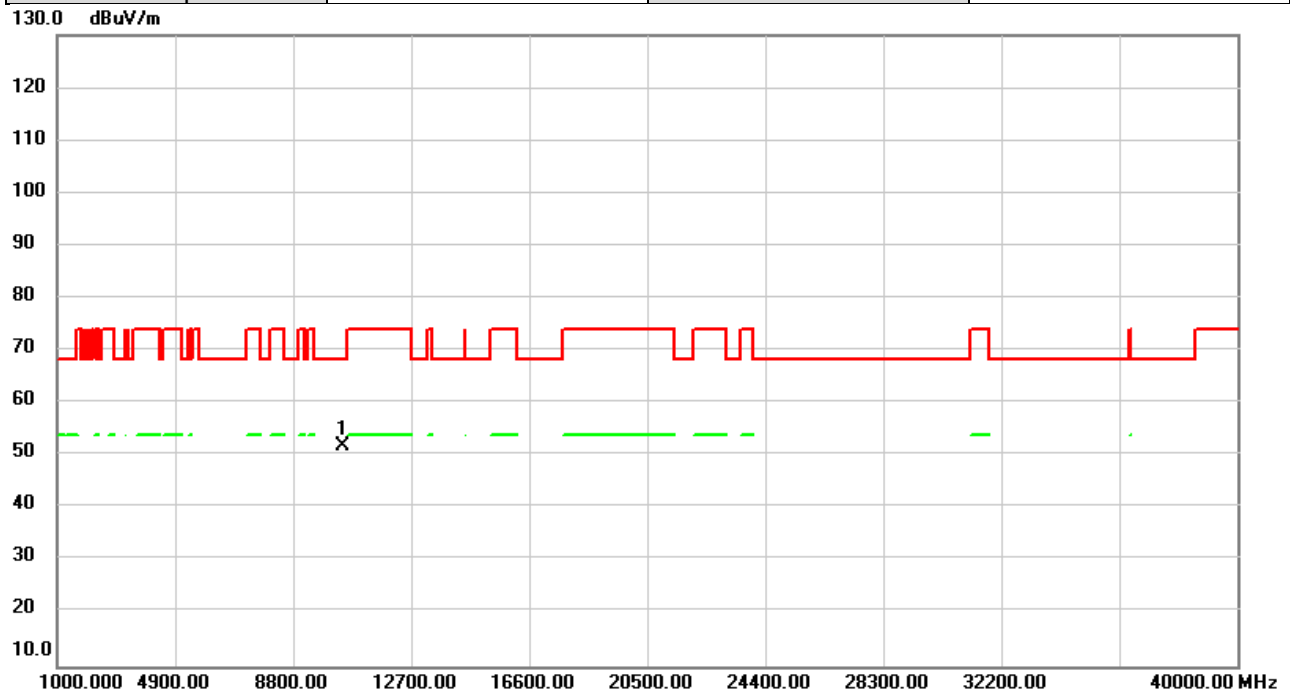
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10440.00	46.80	5.37	52.17	68.20	-16.03	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5220MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



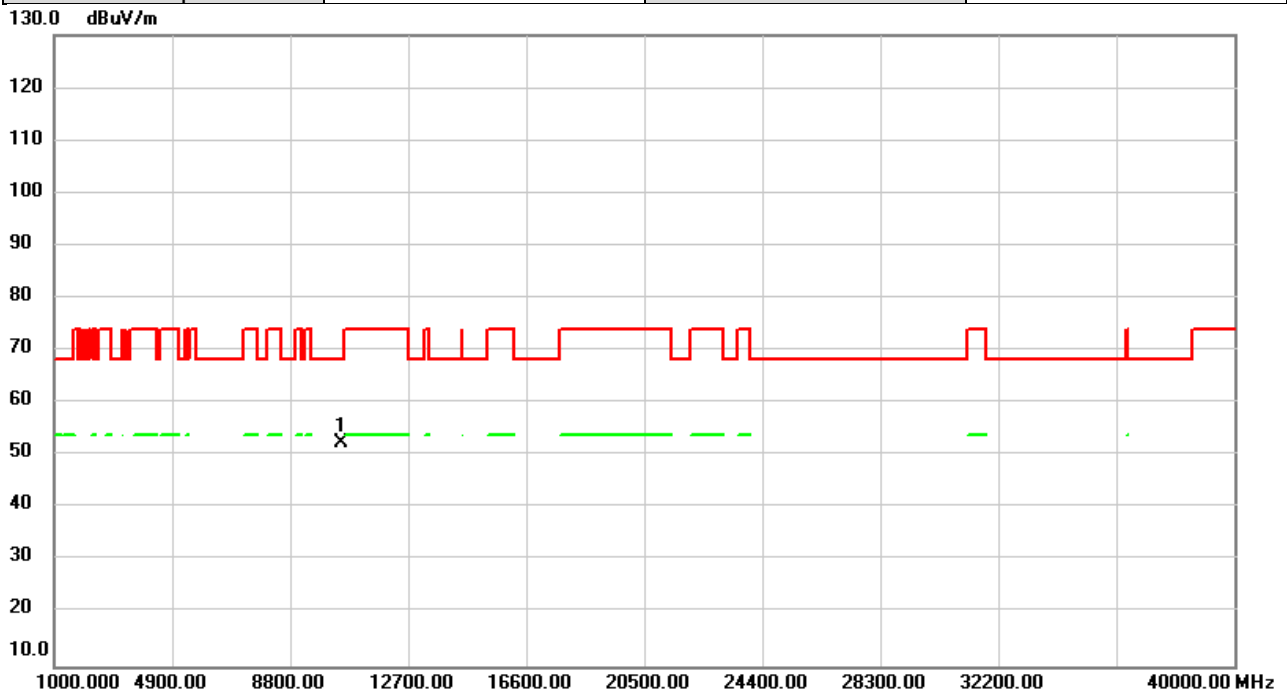
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10440.00	46.57	5.37	51.94	68.20	-16.26	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5240MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

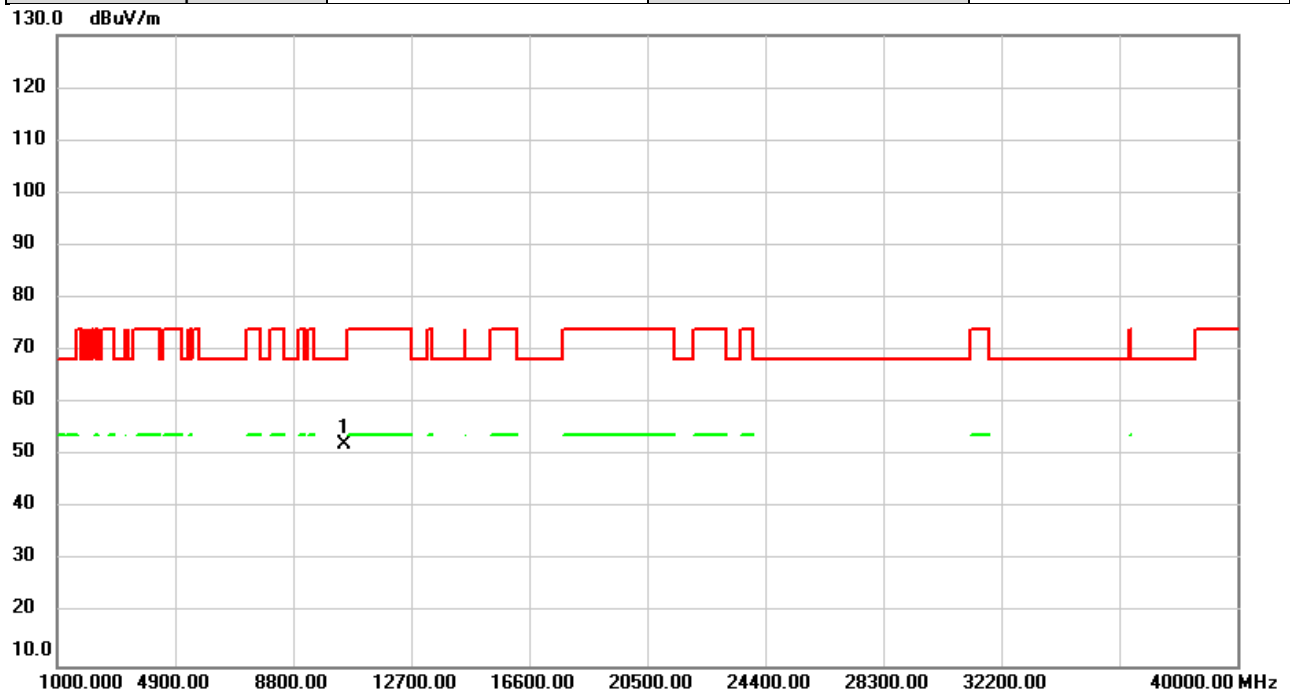


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	47.29	5.28	52.57	68.20	-15.63	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5240MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



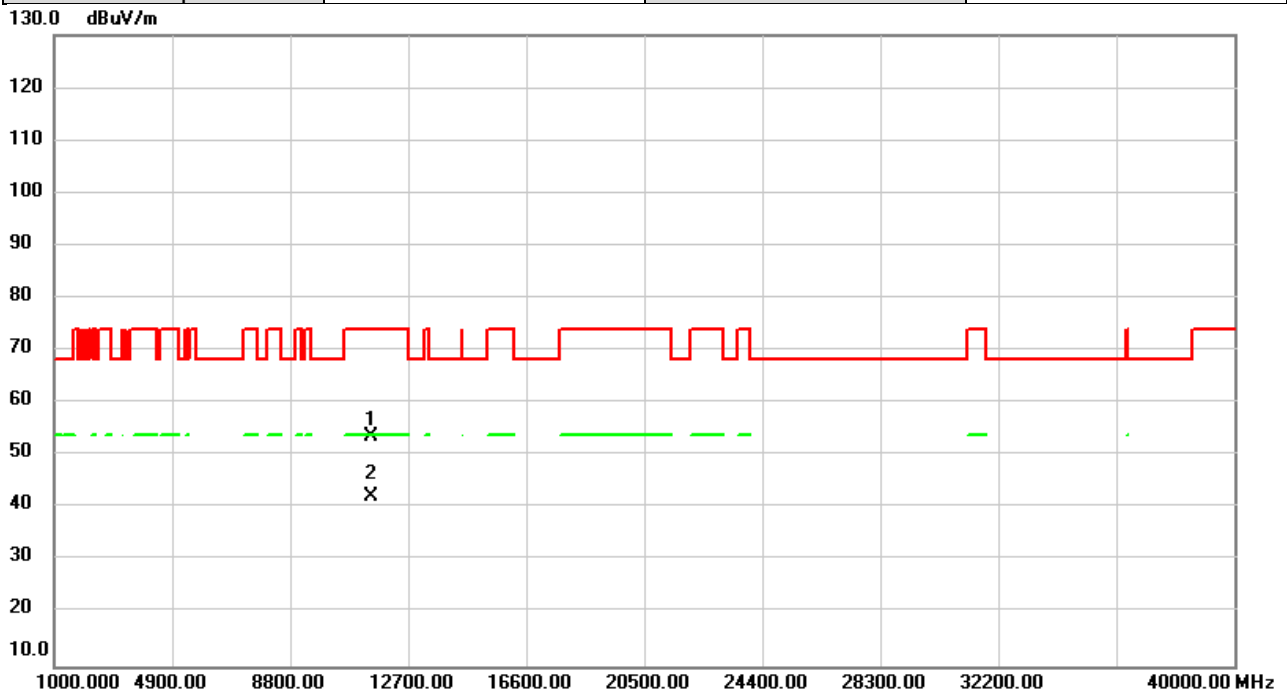
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	46.76	5.28	52.04	68.20	-16.16	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5745MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

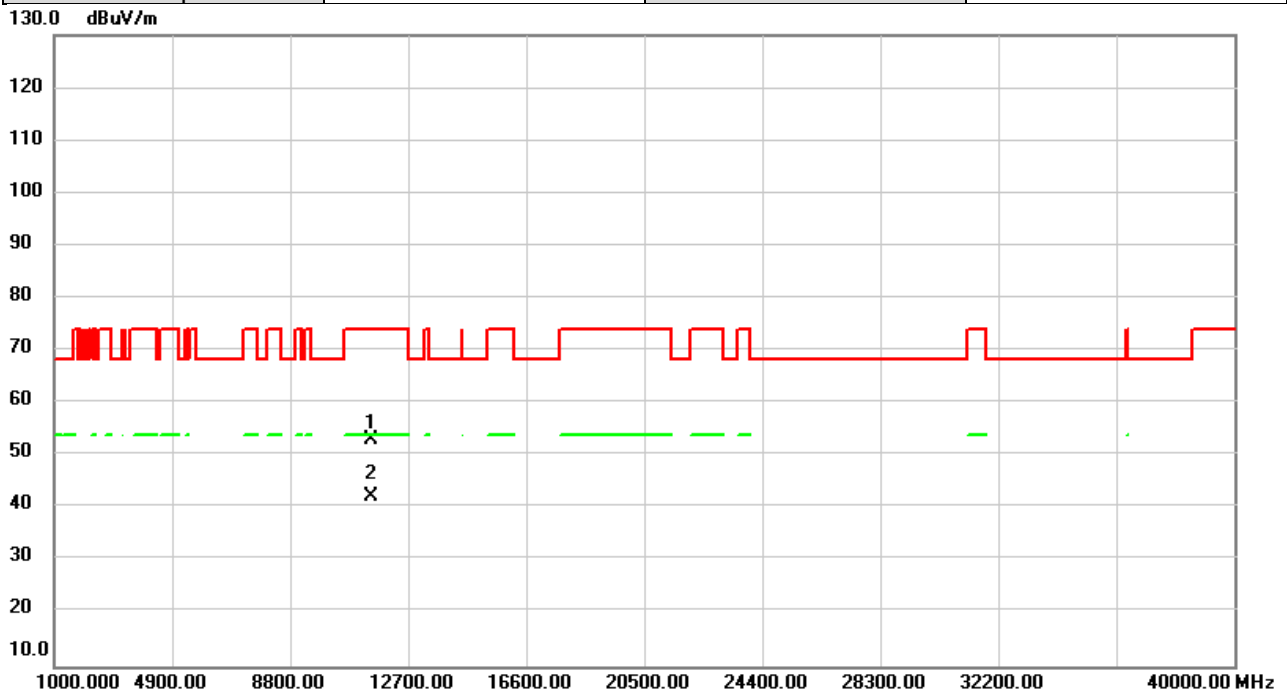


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	46.98	6.76	53.74	74.00	-20.26	peak	
2	*	11490.00	35.56	6.76	42.32	54.00	-11.68	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5745MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

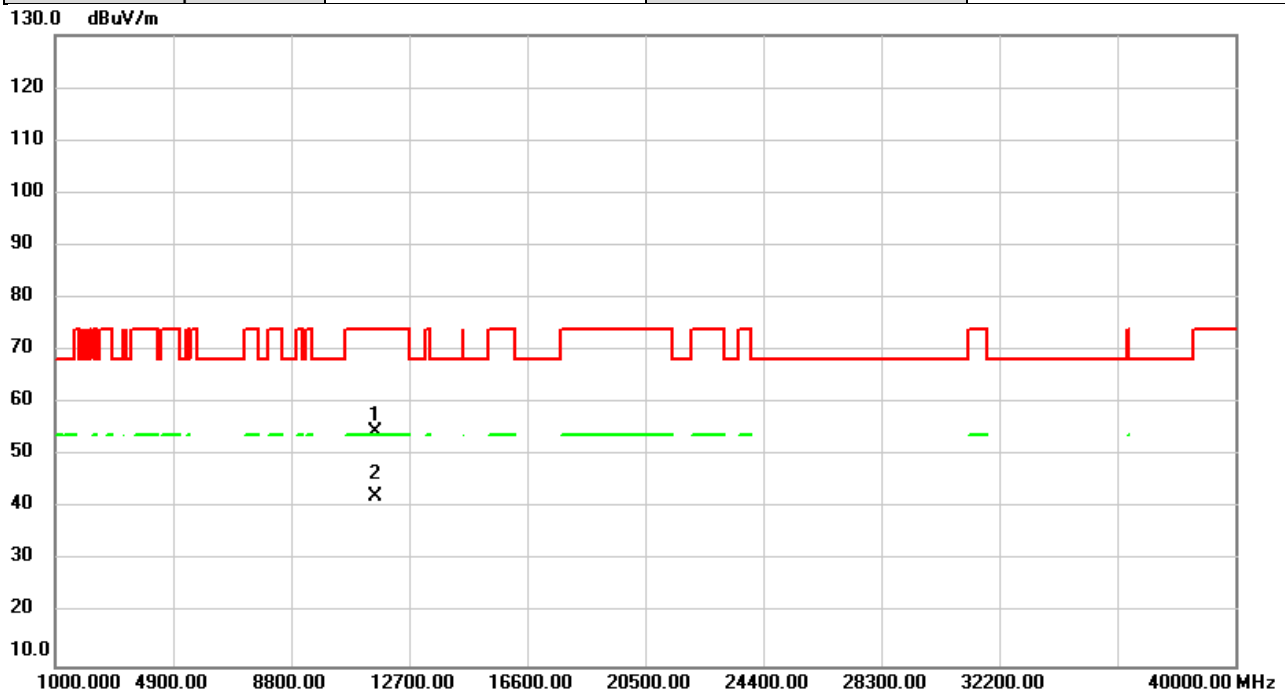


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11490.00	46.36	6.76	53.12	74.00	-20.88	peak	
2	*	11490.00	35.53	6.76	42.29	54.00	-11.71	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5785MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

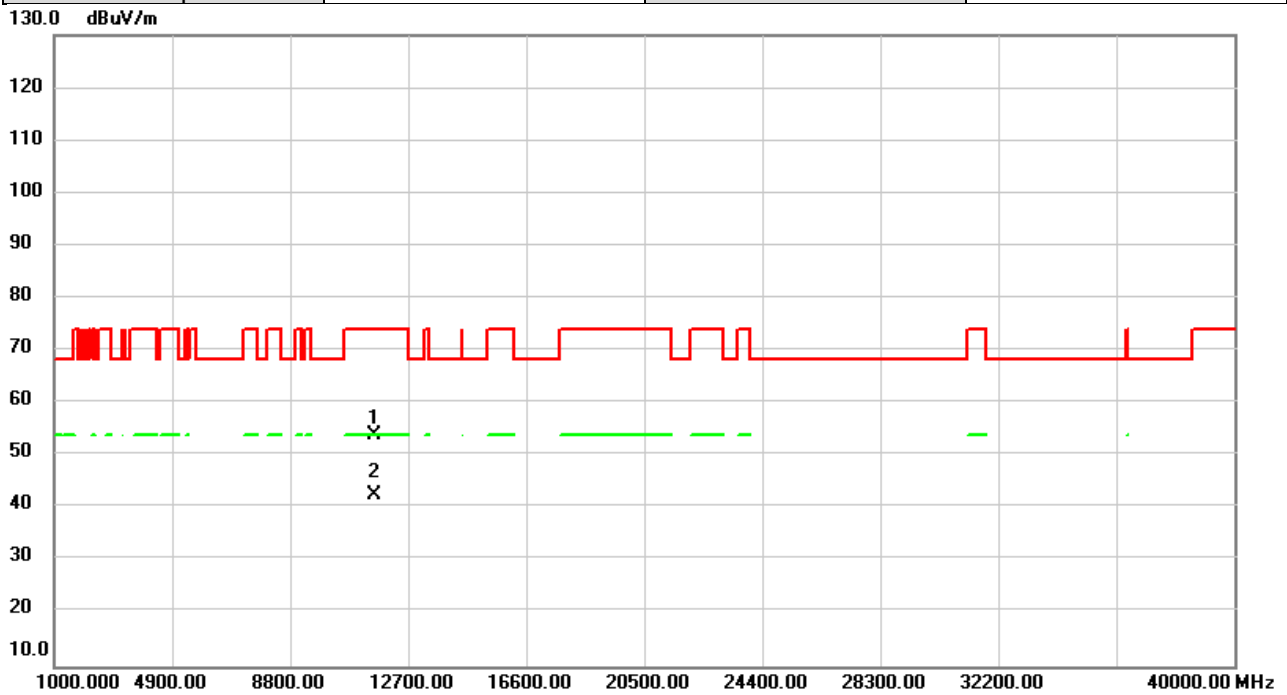


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		11570.00	47.77	6.72	54.49	74.00	-19.51	peak	
2	*	11570.00	35.52	6.72	42.24	54.00	-11.76	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5785MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

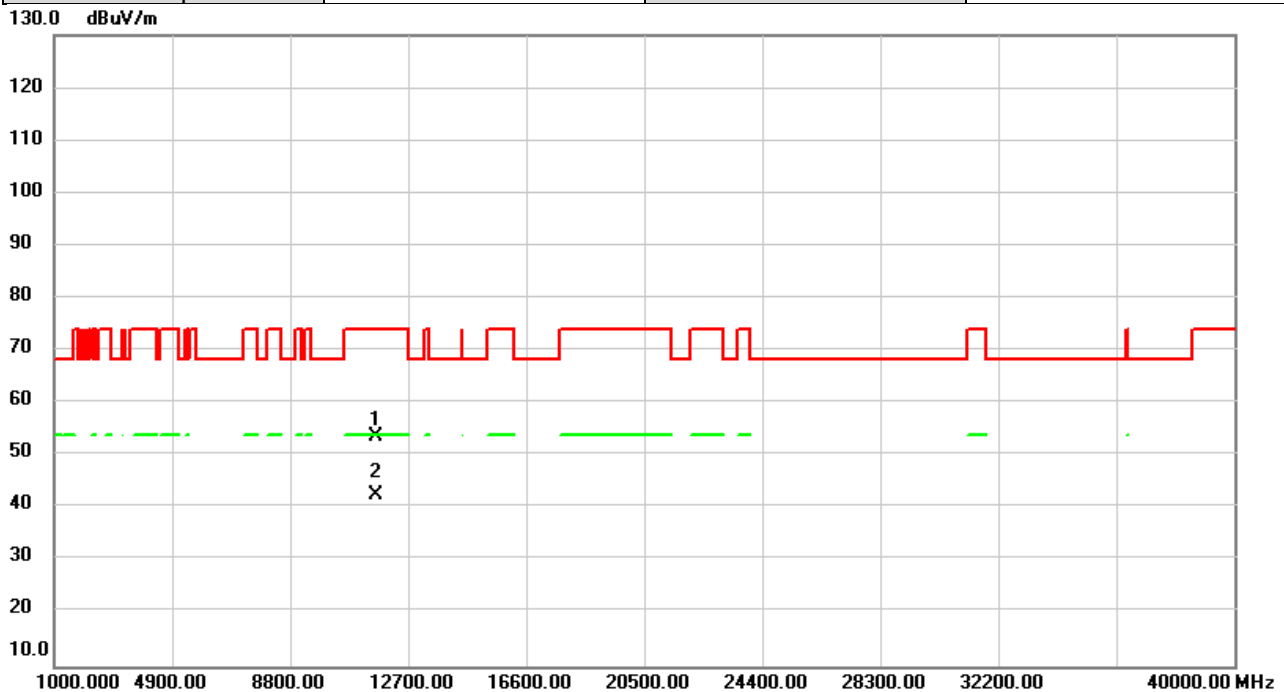


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	47.14	6.72	53.86	74.00	-20.14	peak	
2	*	11570.00	35.70	6.72	42.42	54.00	-11.58	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5825MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

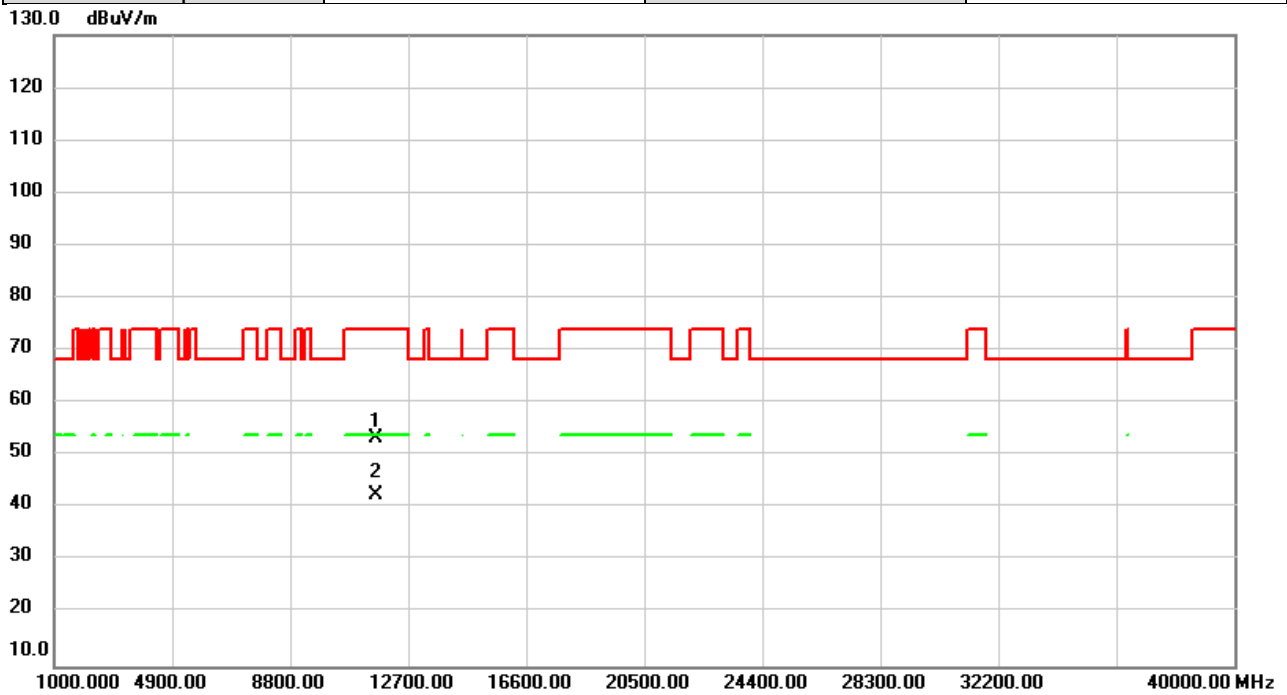


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11650.00	46.85	6.67	53.52	74.00	-20.48	peak	
2	*	11650.00	35.90	6.67	42.57	54.00	-11.43	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5825MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

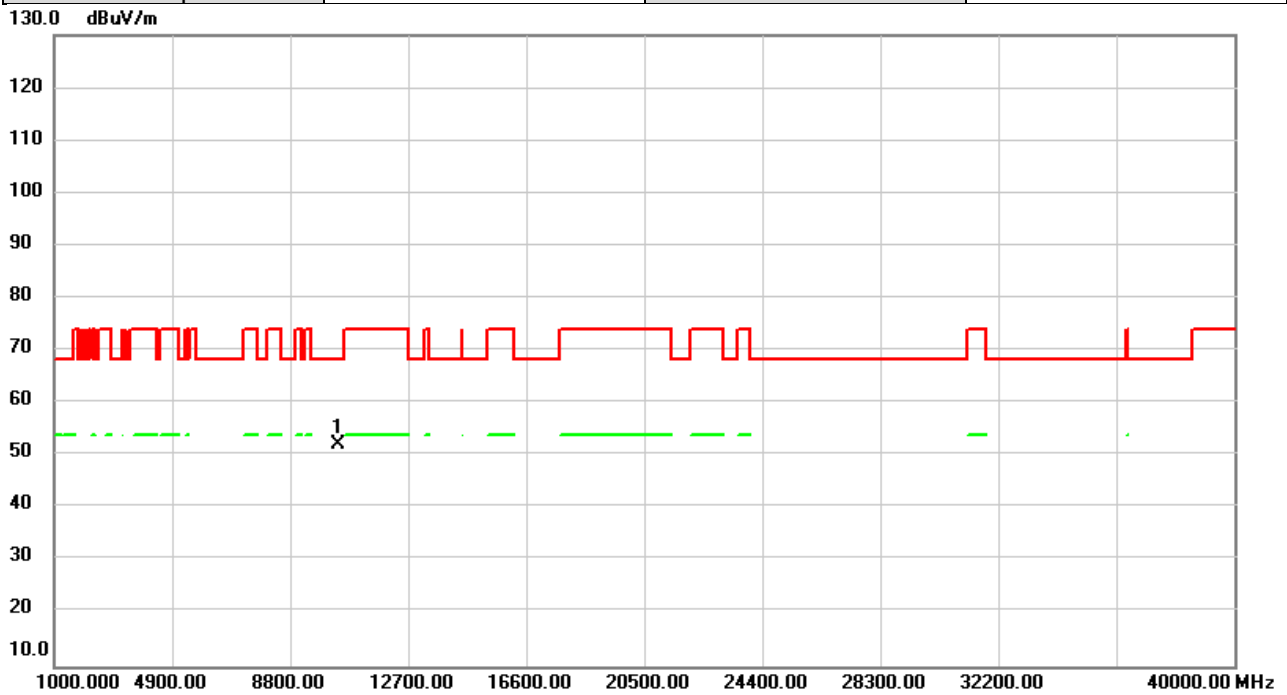


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	46.61	6.67	53.28	74.00	-20.72	peak	
2	*	11650.00	35.84	6.67	42.51	54.00	-11.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5190MHz	Polarization	Vertical
Temp	26°C	Hum.	52%



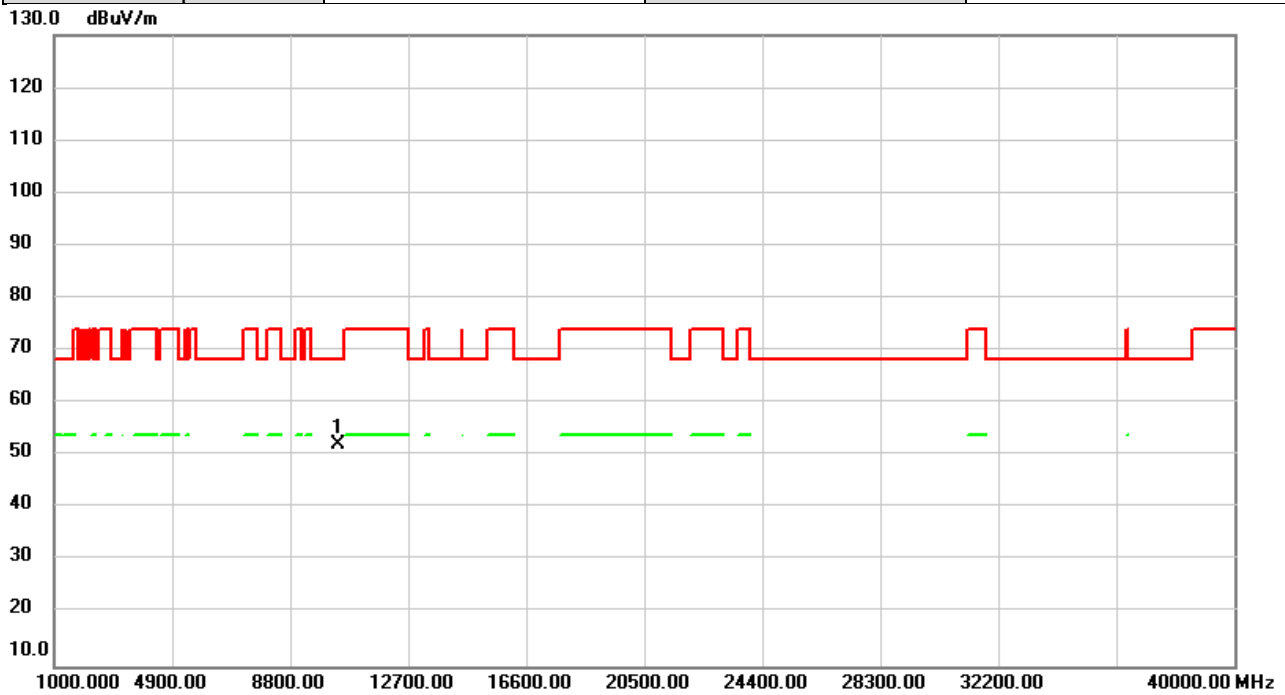
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	46.69	5.52	52.21	68.20	-15.99	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5190MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

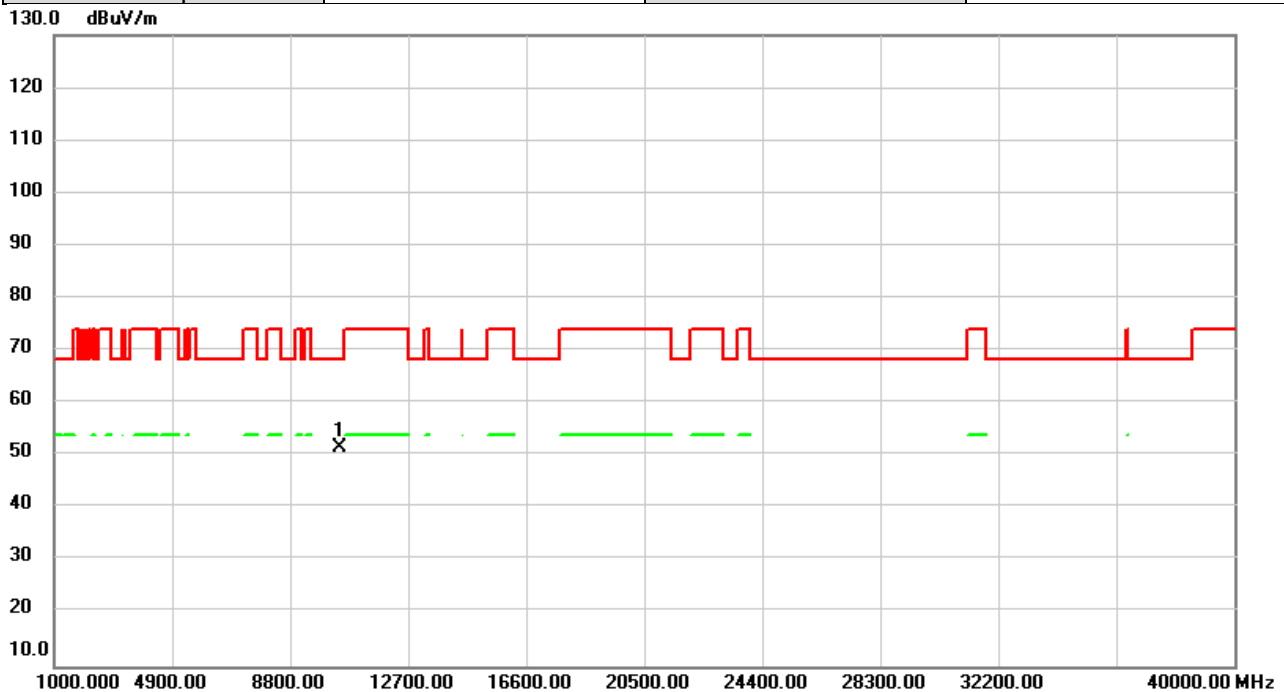


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	46.62	5.52	52.14	68.20	-16.06	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5230MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

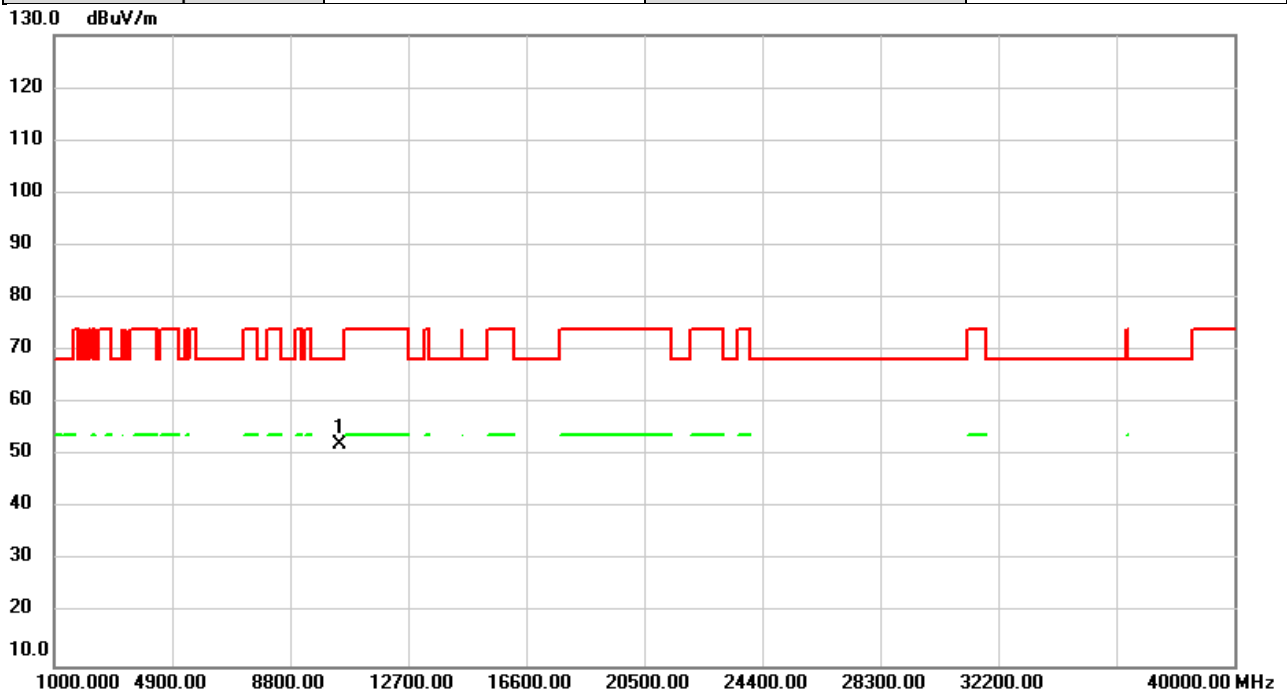


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	46.18	5.34	51.52	68.20	-16.68	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5230MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



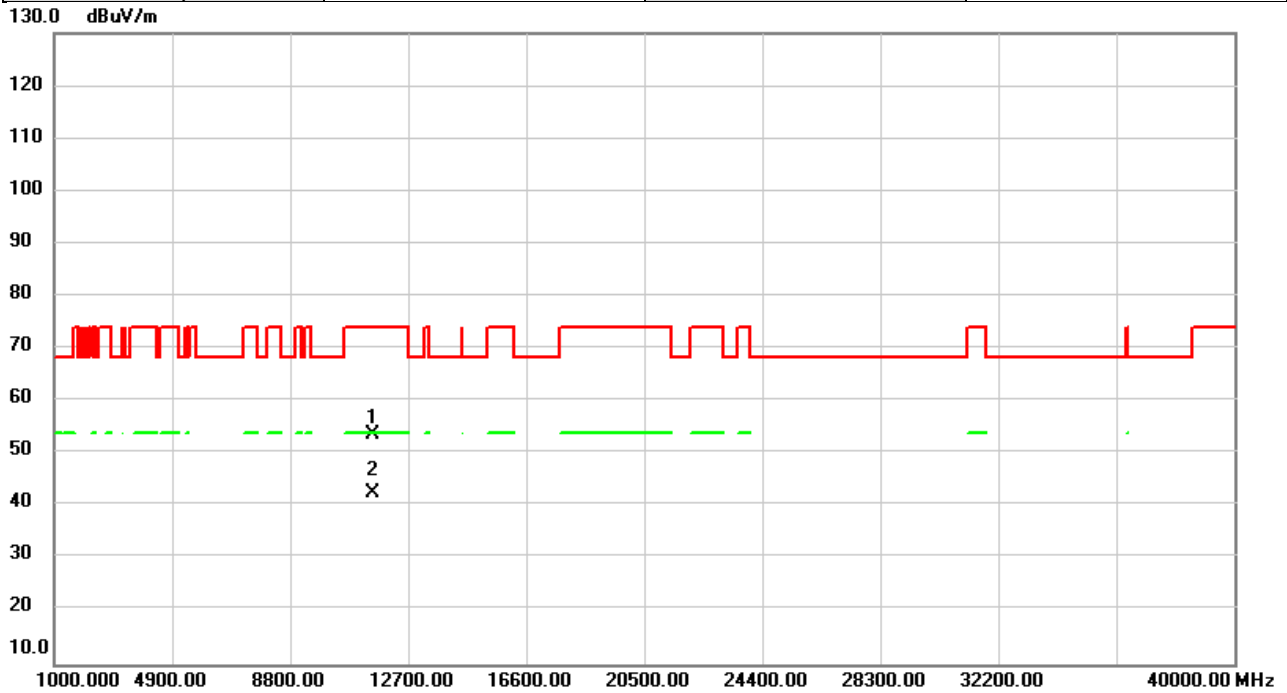
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	46.76	5.34	52.10	68.20	-16.10	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5755MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

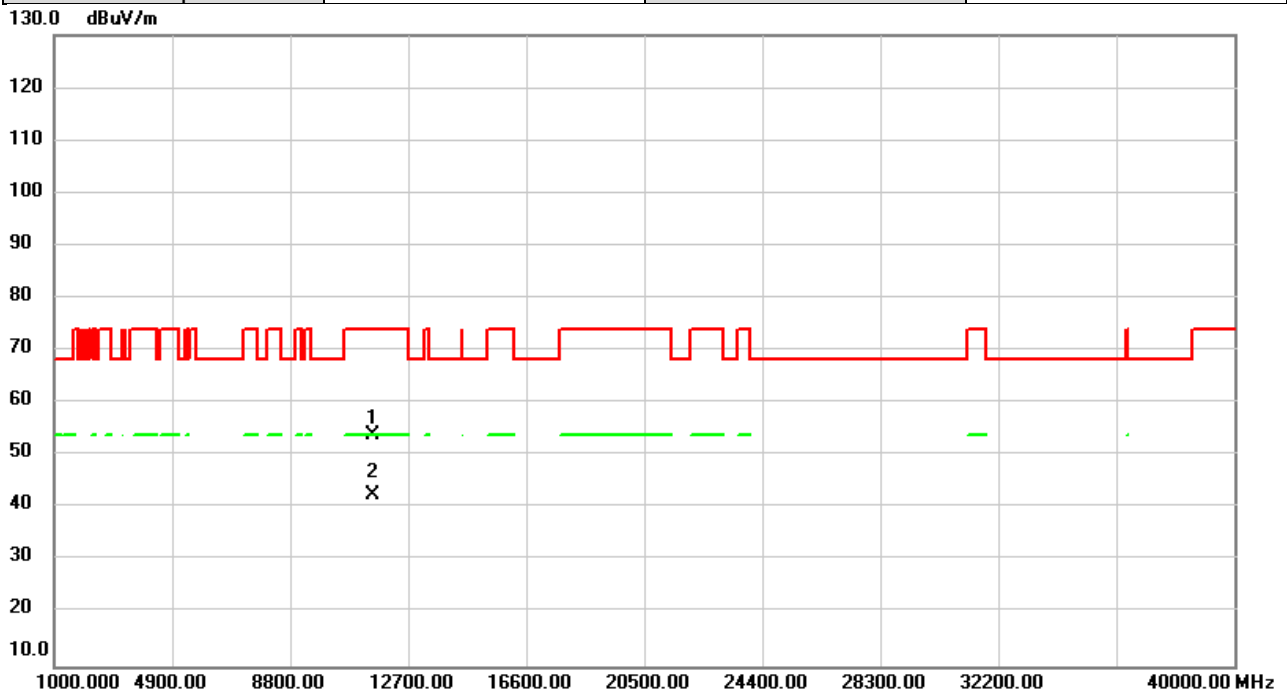


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11510.00	46.92	6.76	53.68	74.00	-20.32	peak	
2	*	11510.00	35.78	6.76	42.54	54.00	-11.46	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5755MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

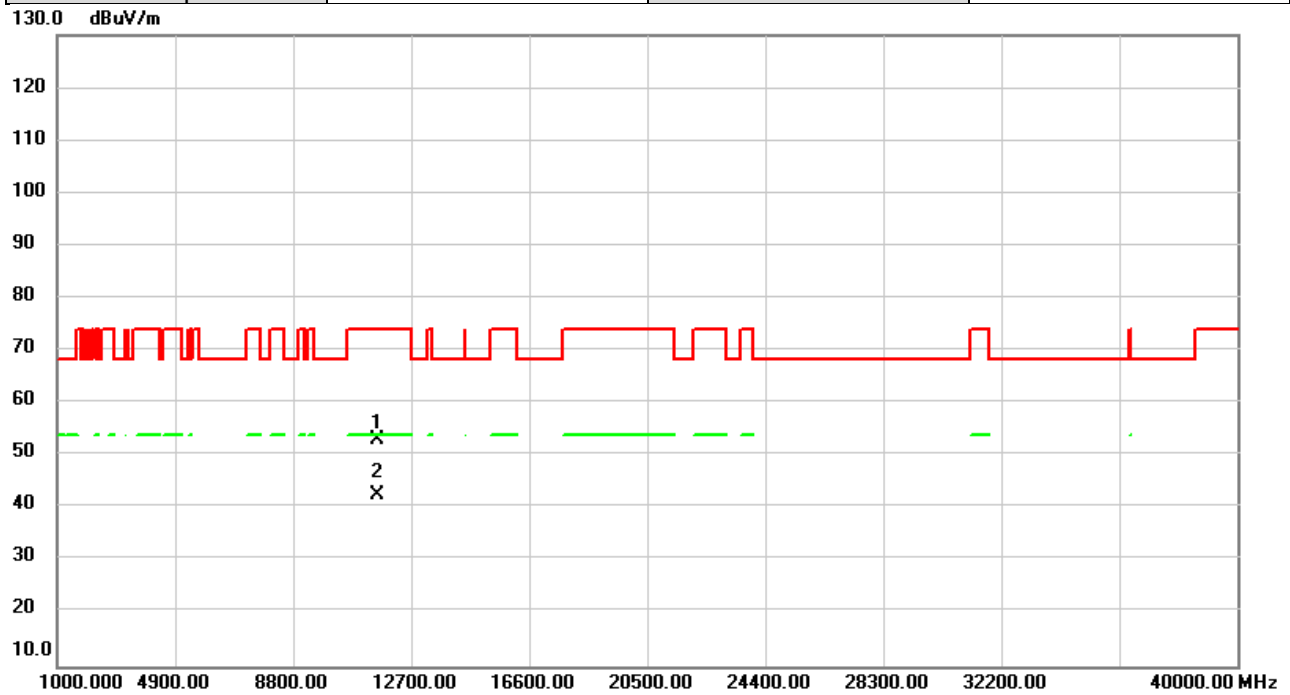


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11510.00	47.08	6.76	53.84	74.00	-20.16	peak	
2	*	11510.00	35.67	6.76	42.43	54.00	-11.57	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5795MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

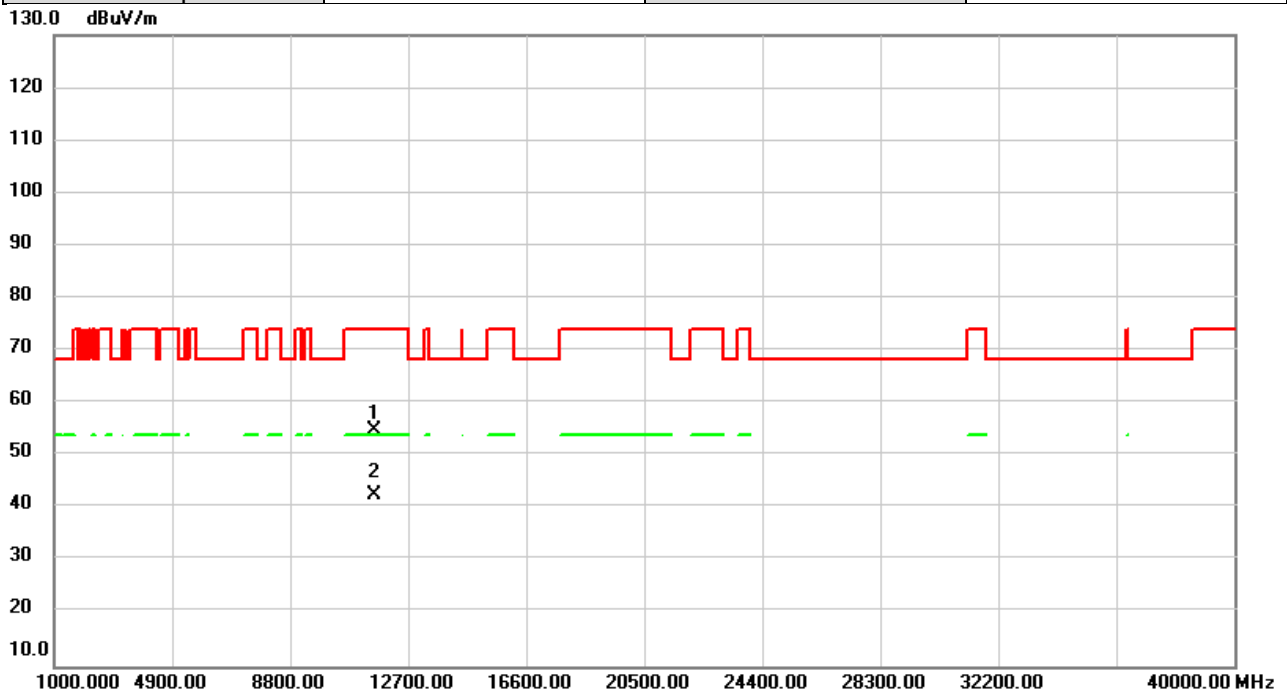


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11590.00	46.45	6.71	53.16	74.00	-20.84	peak	
2	*	11590.00	35.84	6.71	42.55	54.00	-11.45	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5795MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

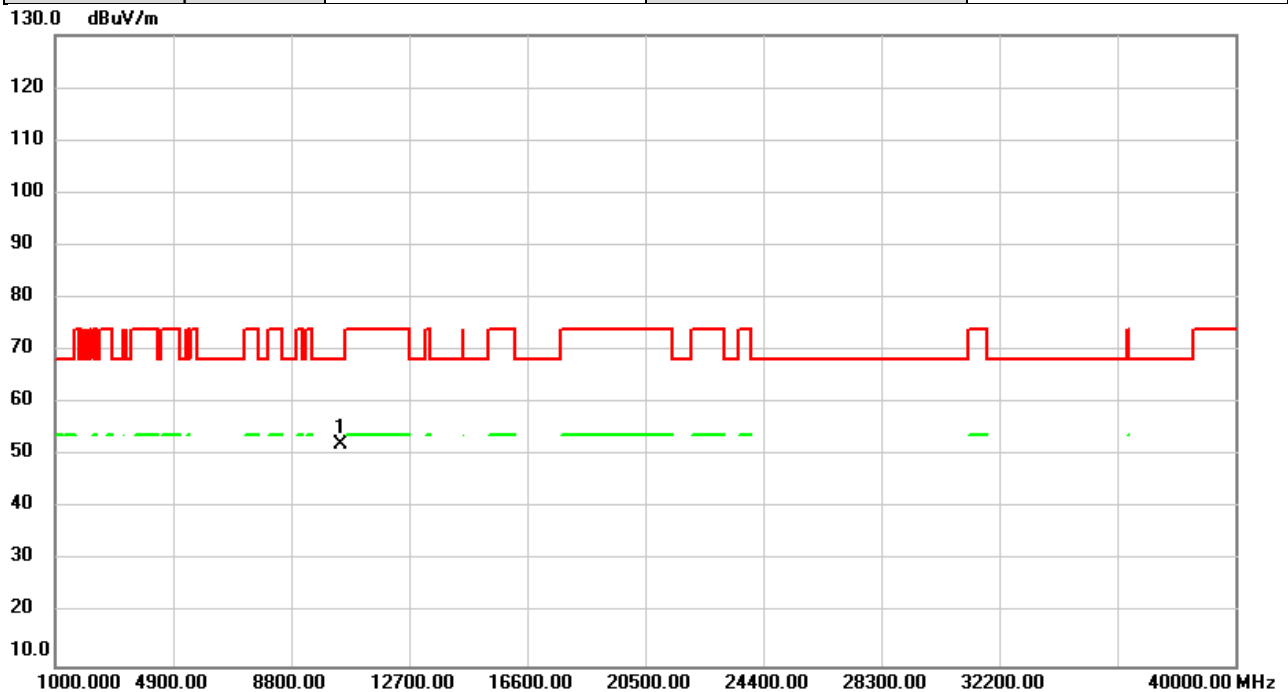


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11590.00	48.28	6.71	54.99	74.00	-19.01	peak	
2	*	11590.00	35.83	6.71	42.54	54.00	-11.46	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/29
Test Frequency	5210MHz	Polarization	Vertical
Temp	26°C	Hum.	52%



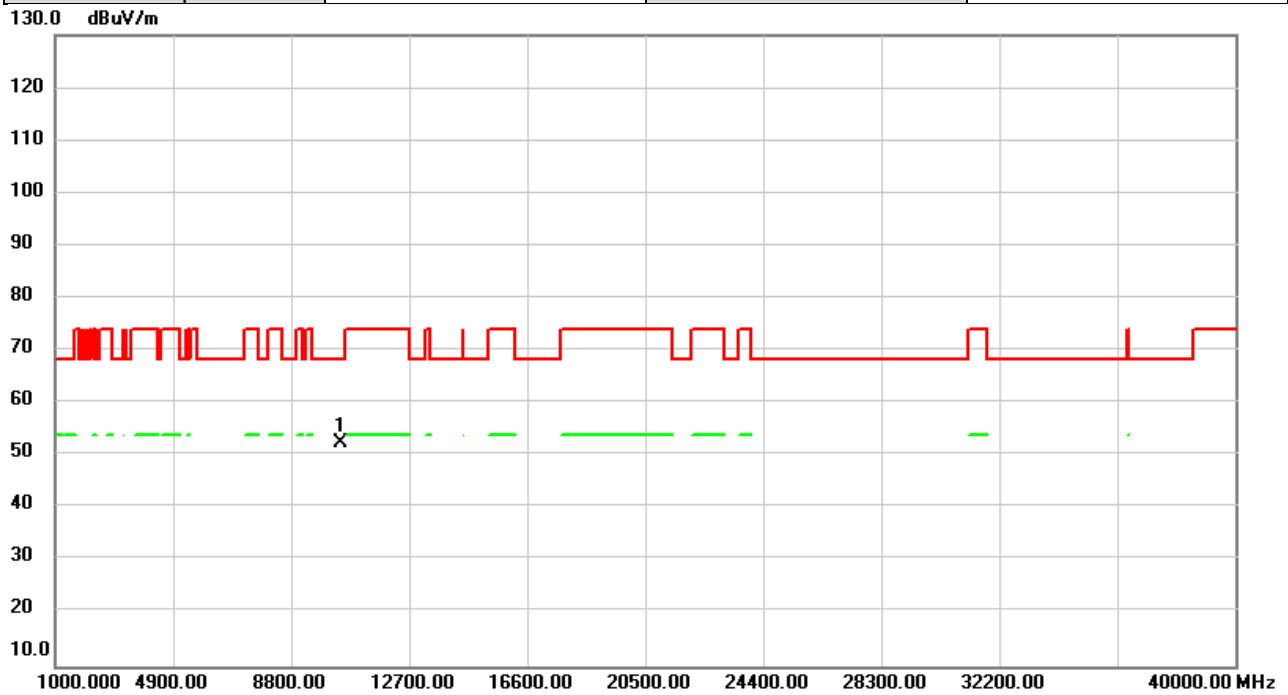
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	46.72	5.42	52.14	68.20	-16.06	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/29
Test Frequency	5210MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



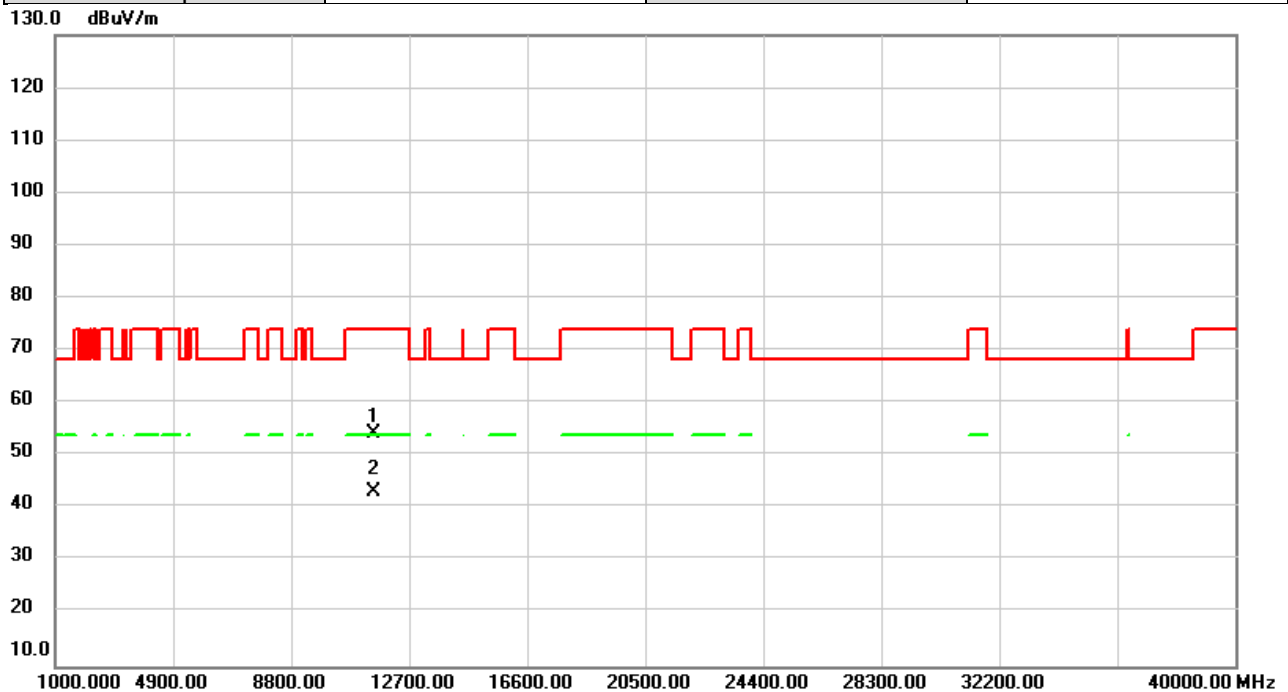
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	47.16	5.42	52.58	68.20	-15.62	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/29
Test Frequency	5775MHz	Polarization	Vertical
Temp	26°C	Hum.	52%

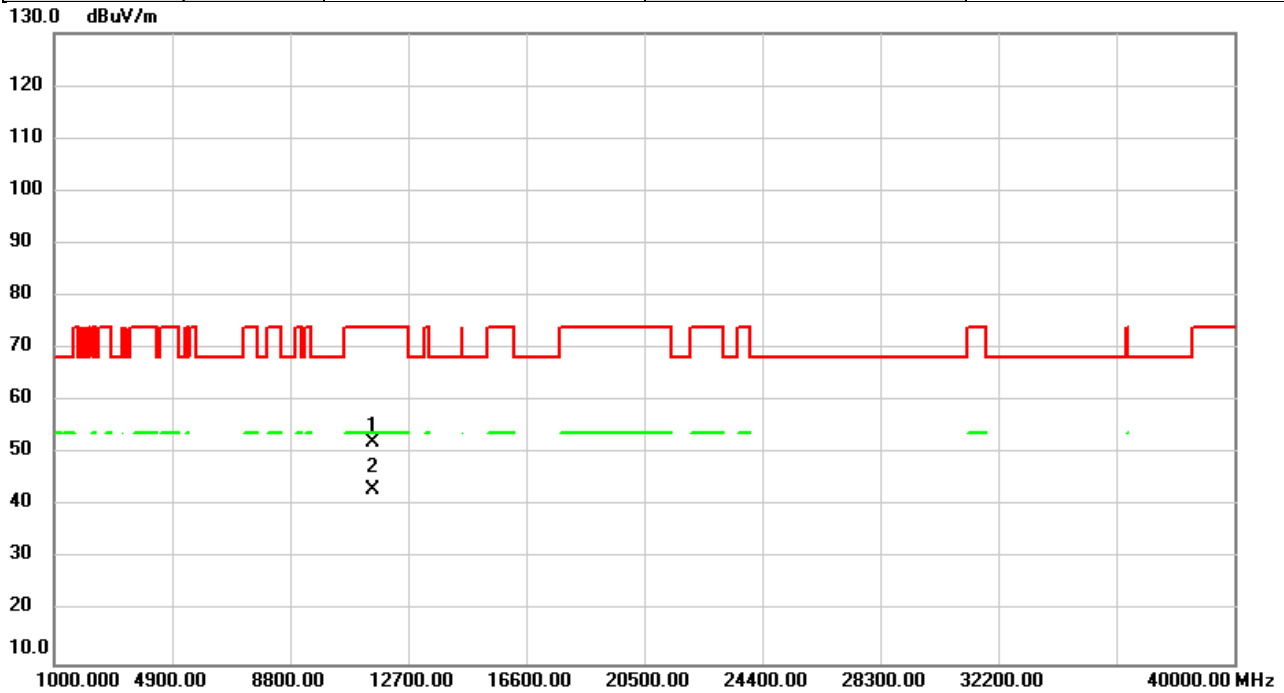


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11550.00	47.62	6.73	54.35	74.00	-19.65	peak	
2	*	11550.00	36.35	6.73	43.08	54.00	-10.92	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/29
Test Frequency	5775MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



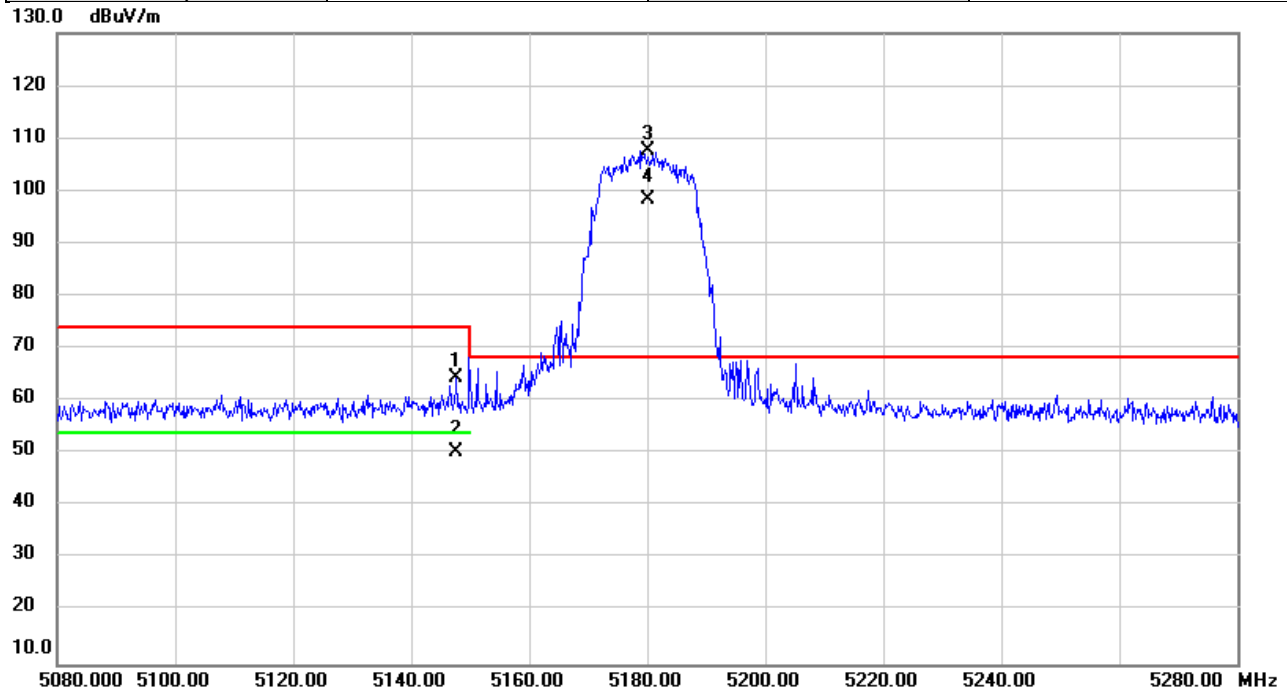
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11550.00	45.33	6.73	52.06	74.00	-21.94	peak	
2	*	11550.00	36.48	6.73	43.21	54.00	-10.79	AVG	

REMARKS:

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

For Built-in antenna:

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5180MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



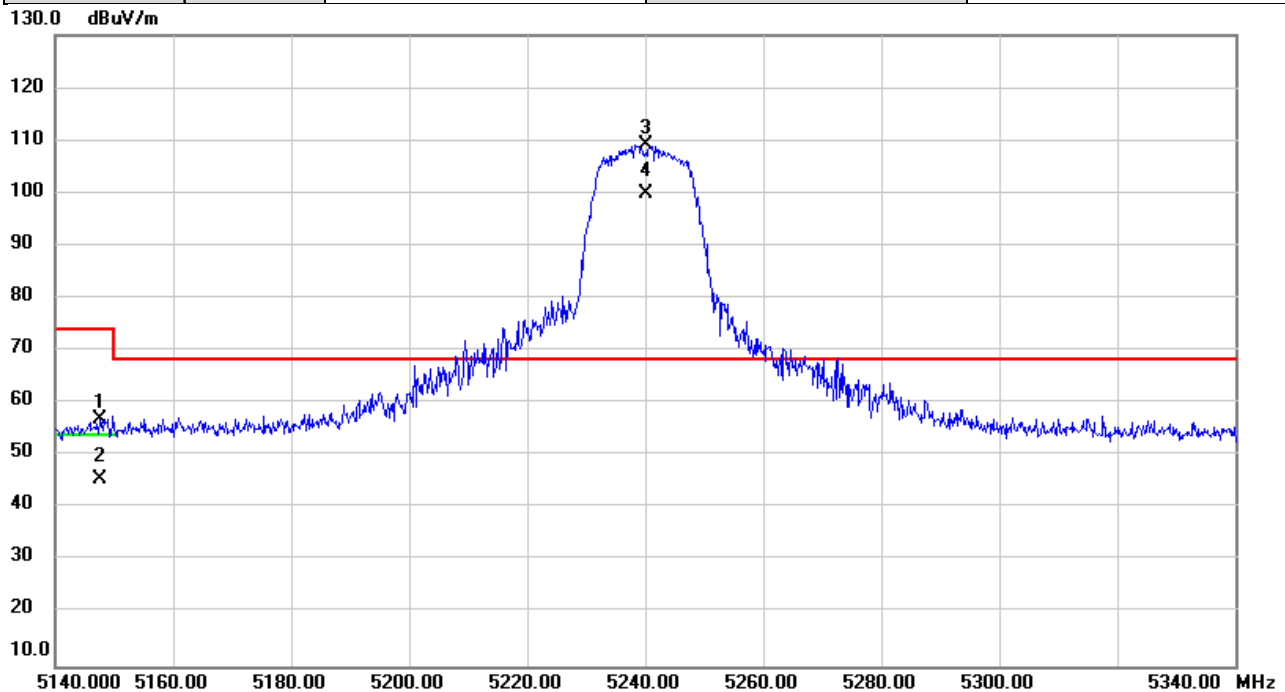
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.700	63.33	1.16	64.49	74.00	-9.51	peak	
2		5147.700	49.23	1.16	50.39	54.00	-3.61	AVG	
3	*	5180.000	106.56	1.17	107.73	68.20	39.53	peak	No Limit
4	X	5180.000	97.18	1.17	98.35	68.20	30.15	AVG	No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5240MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



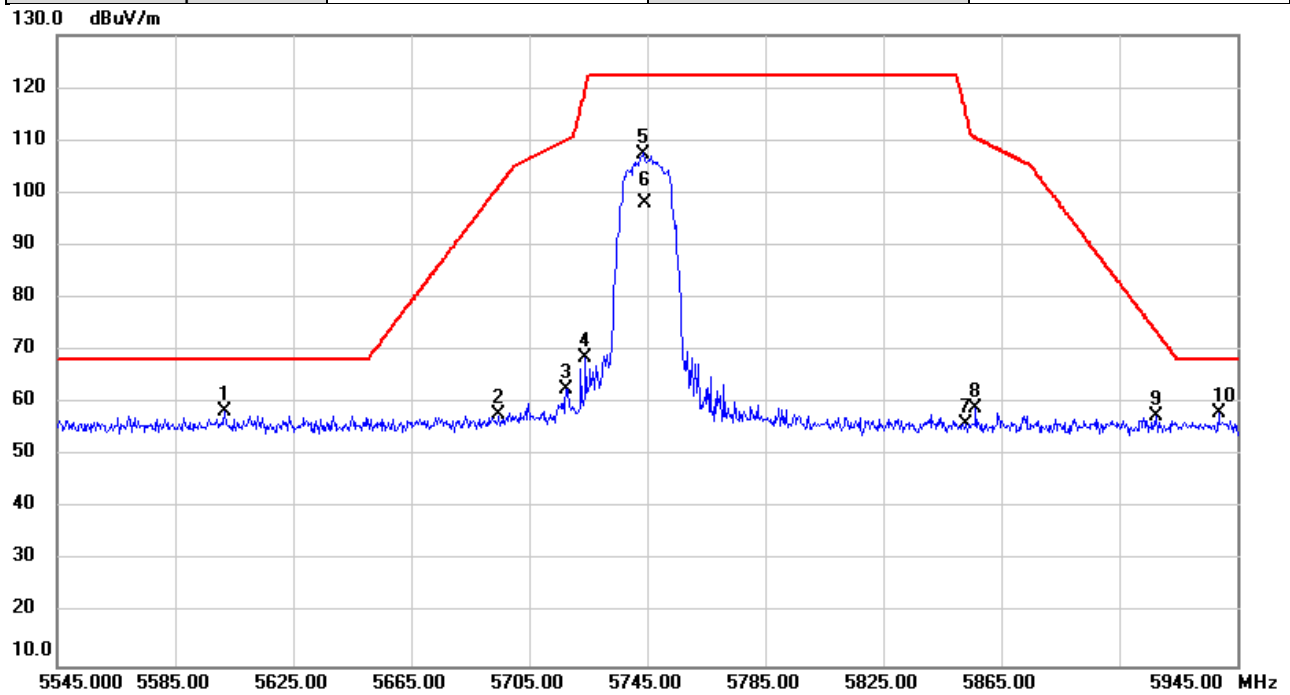
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.713	55.85	1.16	57.01	74.00	-16.99	peak	
2		5147.713	44.37	1.16	45.53	54.00	-8.47	AVG	
3	*	5240.000	107.87	1.19	109.06	68.20	40.86	peak	No Limit
4	X	5240.000	98.77	1.19	99.96	68.20	31.76	AVG	No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5745MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

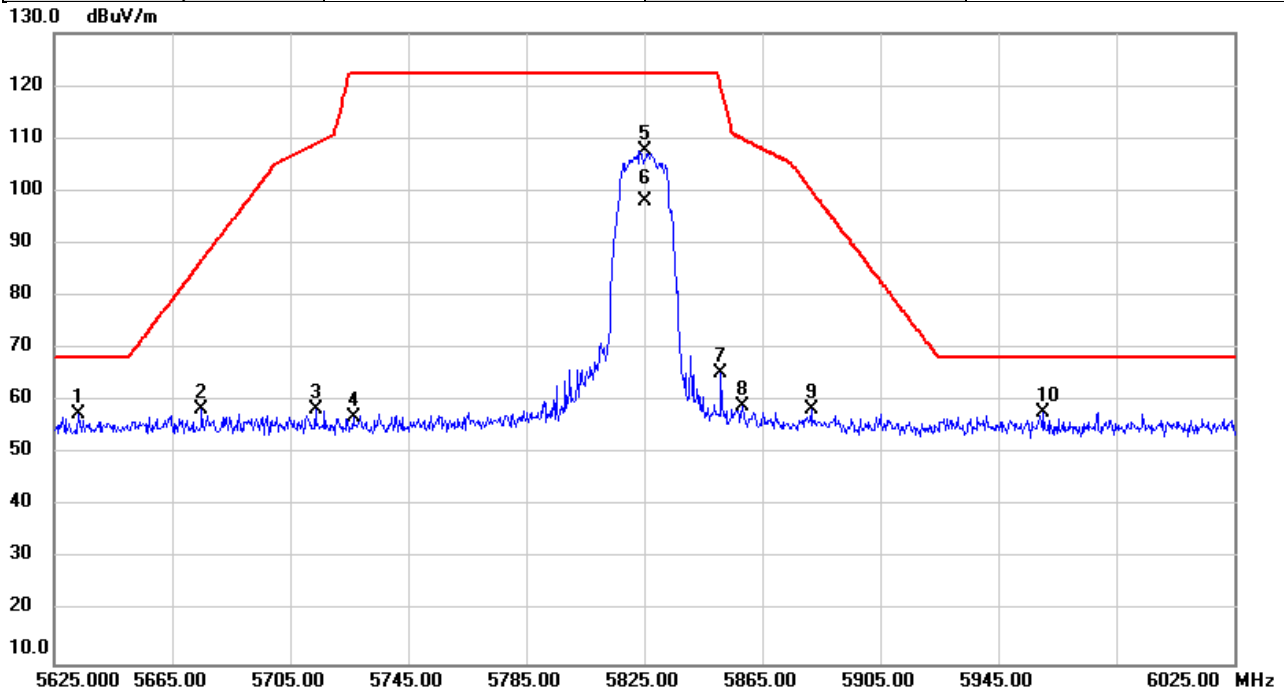


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5601.853	56.94	1.47	58.41	68.20	-9.79	peak	
2		5694.640	56.03	1.67	57.70	101.25	-43.55	peak	
3		5717.760	61.03	1.72	62.75	110.17	-47.42	peak	
4		5723.867	66.82	1.72	68.54	119.62	-51.08	peak	
5		5743.907	105.73	1.77	107.50	122.20	-14.70	peak	No Limit
6		5744.160	96.27	1.77	98.04	122.20	-24.16	AVG	No Limit
7		5853.213	54.19	1.99	56.18	114.87	-58.69	peak	
8		5856.307	57.12	1.99	59.11	110.43	-51.32	peak	
9		5917.400	55.35	2.12	57.47	73.80	-16.33	peak	
10		5938.787	55.84	2.17	58.01	68.20	-10.19	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023/6/29
Test Frequency	5825MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

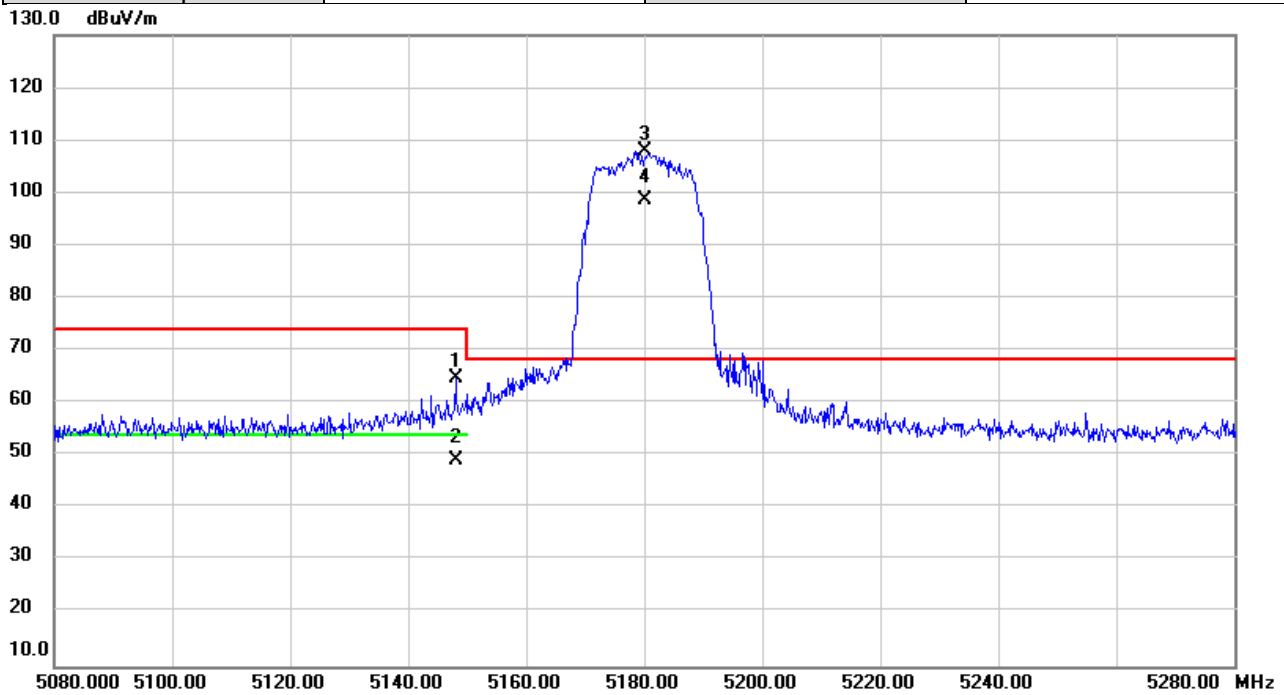


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5633.373	56.05	1.54	57.59	68.20	-10.61	peak	
2		5675.133	56.94	1.63	58.57	86.84	-28.27	peak	
3		5713.547	56.67	1.71	58.38	109.00	-50.62	peak	
4		5726.387	55.11	1.73	56.84	122.20	-65.36	peak	
5		5825.000	105.64	1.93	107.57	122.20	-14.63	peak	No Limit
6		5825.000	96.18	1.93	98.11	122.20	-24.09	AVG	No Limit
7		5851.080	63.49	1.98	65.47	119.74	-54.27	peak	
8		5858.187	57.00	1.99	58.99	109.91	-50.92	peak	
9		5881.747	56.46	2.05	58.51	100.19	-41.68	peak	
10	*	5960.320	55.56	2.21	57.77	68.20	-10.43	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5180MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



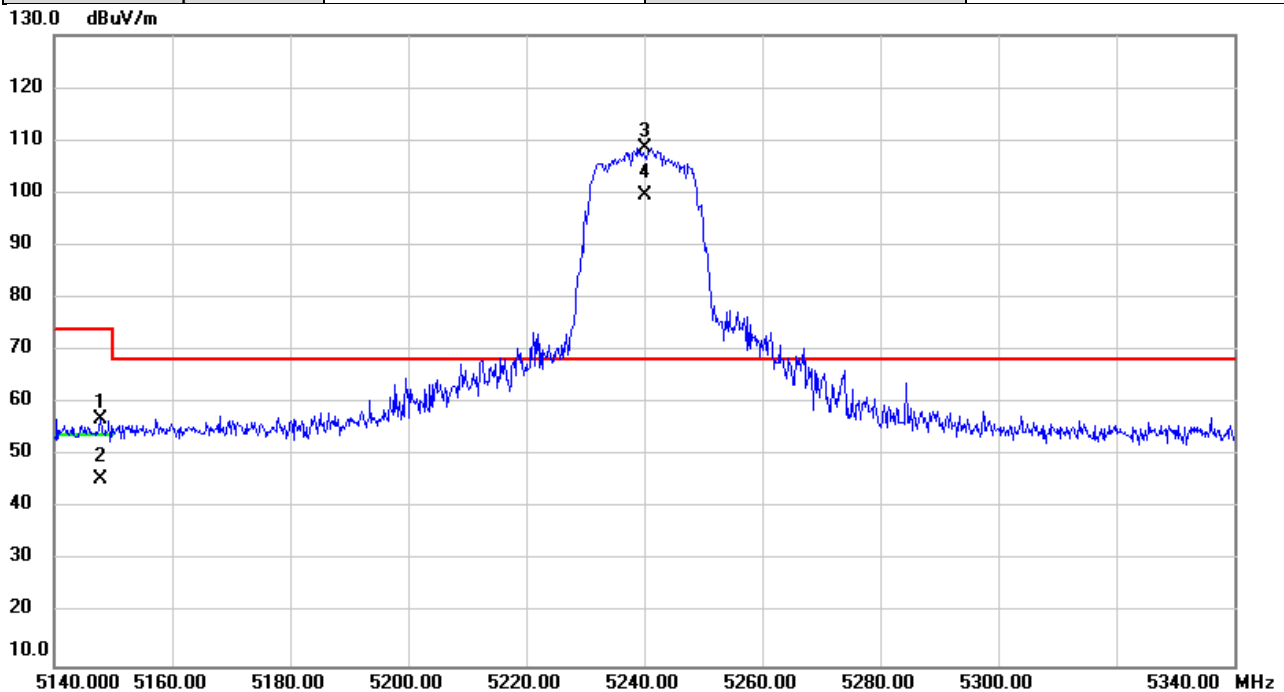
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5148.060	63.45	1.16	64.61	74.00	-9.39	peak	
2		5148.060	47.89	1.16	49.05	54.00	-4.95	AVG	
3	*	5180.000	106.90	1.17	108.07	68.20	39.87	peak	No Limit
4	X	5180.000	97.40	1.17	98.57	68.20	30.37	AVG	No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5240MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



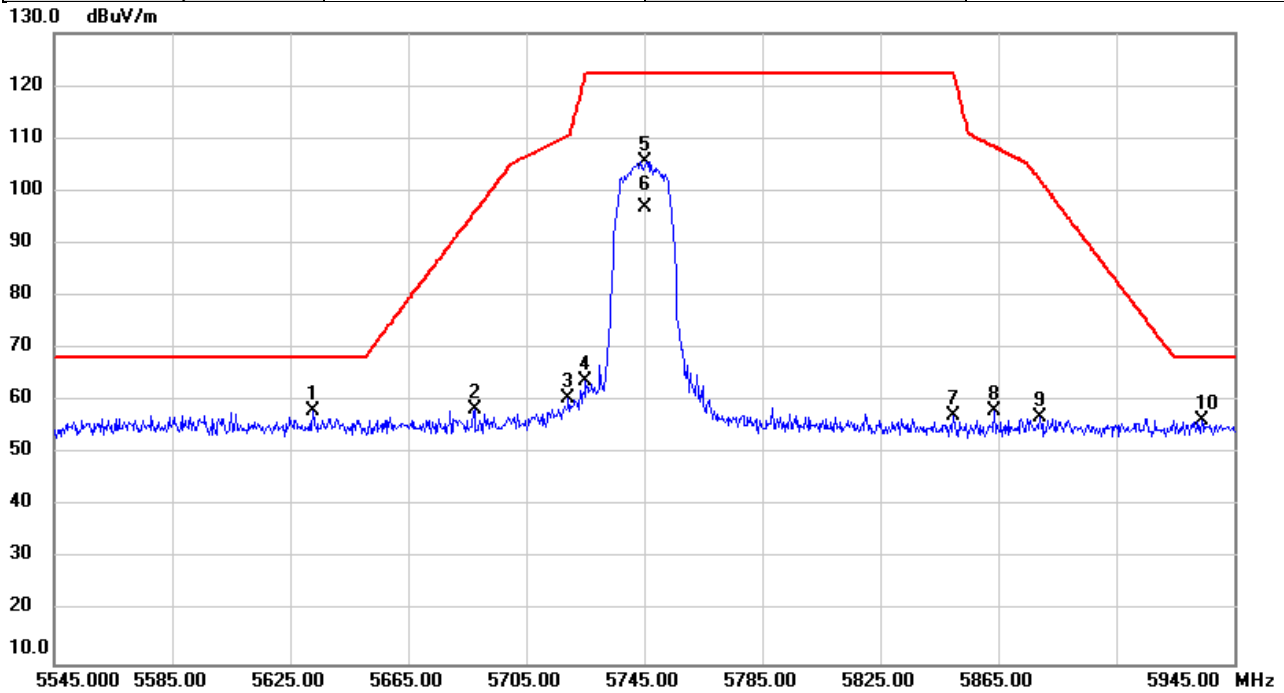
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.853	55.75	1.16	56.91	74.00	-17.09	peak	
2		5147.853	44.26	1.16	45.42	54.00	-8.58	AVG	
3	*	5240.000	107.35	1.19	108.54	68.20	40.34	peak	No Limit
4	X	5240.000	98.32	1.19	99.51	68.20	31.31	AVG	No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5745MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

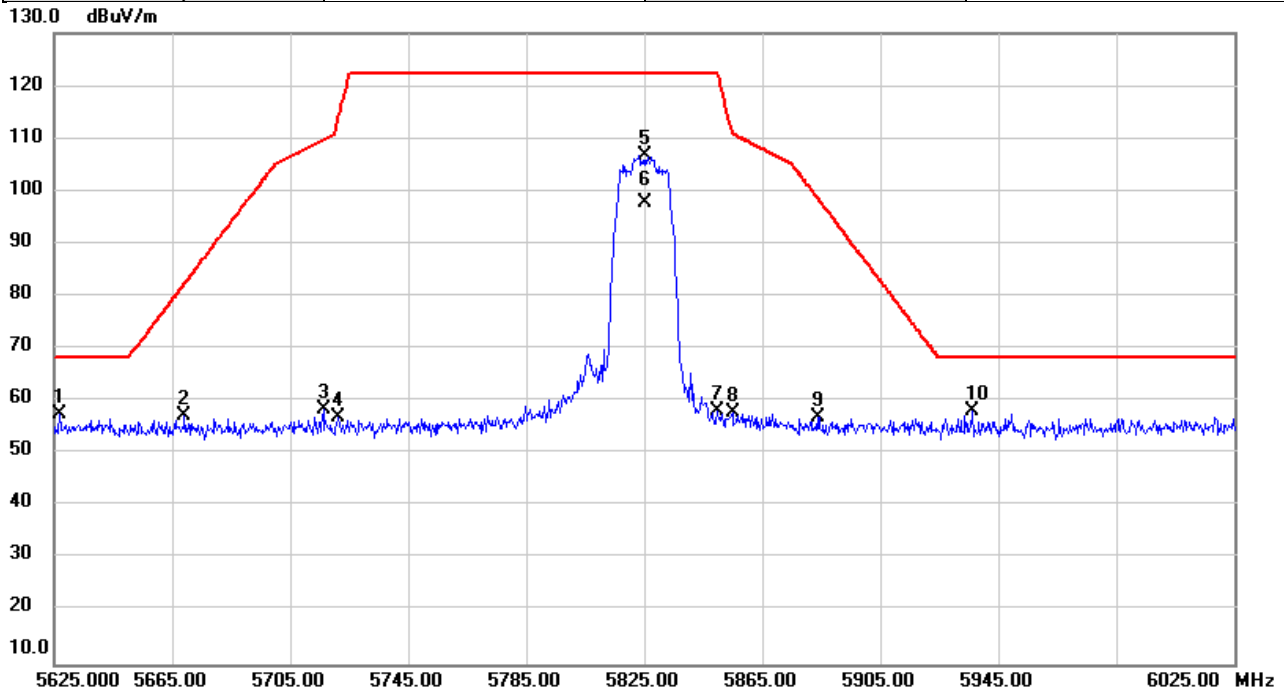


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5632.933	56.65	1.54	58.19	68.20	-10.01	peak	
2		5687.413	56.68	1.65	58.33	95.92	-37.59	peak	
3		5719.280	58.96	1.71	60.67	110.60	-49.93	peak	
4		5725.133	62.01	1.73	63.74	122.20	-58.46	peak	
5		5745.000	103.84	1.77	105.61	122.20	-16.59	peak	No Limit
6		5745.000	95.11	1.77	96.88	122.20	-25.32	AVG	No Limit
7		5850.000	55.22	1.98	57.20	122.20	-65.00	peak	
8		5863.467	56.26	2.01	58.27	108.43	-50.16	peak	
9		5879.120	54.86	2.04	56.90	102.14	-45.24	peak	
10		5933.907	54.31	2.15	56.46	68.20	-11.74	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/6/29
Test Frequency	5825MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



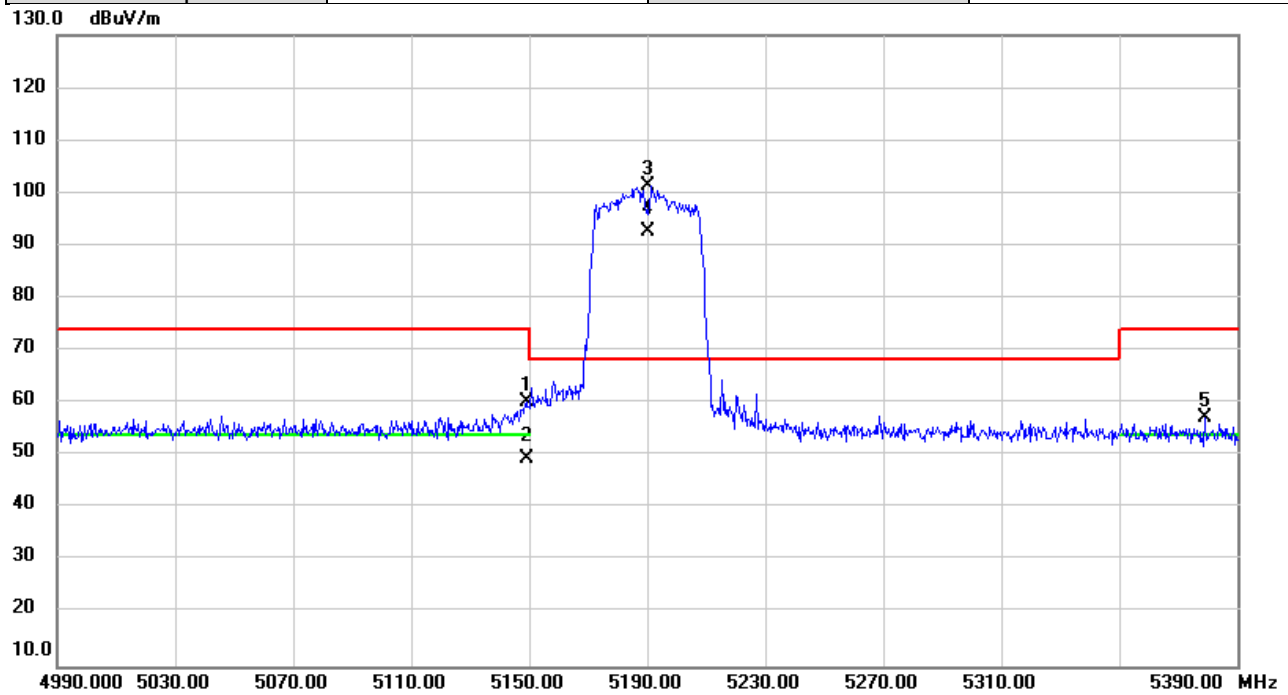
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5626.840	55.88	1.53	57.41	68.20	-10.79	peak	
2		5669.253	55.67	1.61	57.28	82.49	-25.21	peak	
3		5716.413	56.73	1.72	58.45	109.80	-51.35	peak	
4		5721.507	55.22	1.72	56.94	114.24	-57.30	peak	
5		5825.000	104.80	1.93	106.73	122.20	-15.47	peak	No Limit
6		5825.000	95.85	1.93	97.78	122.20	-24.42	AVG	No Limit
7		5849.587	56.25	1.98	58.23	122.20	-63.97	peak	
8		5854.907	55.80	1.99	57.79	111.01	-53.22	peak	
9		5883.720	55.02	2.05	57.07	98.72	-41.65	peak	
10	*	5936.400	55.89	2.16	58.05	68.20	-10.15	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5190MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%



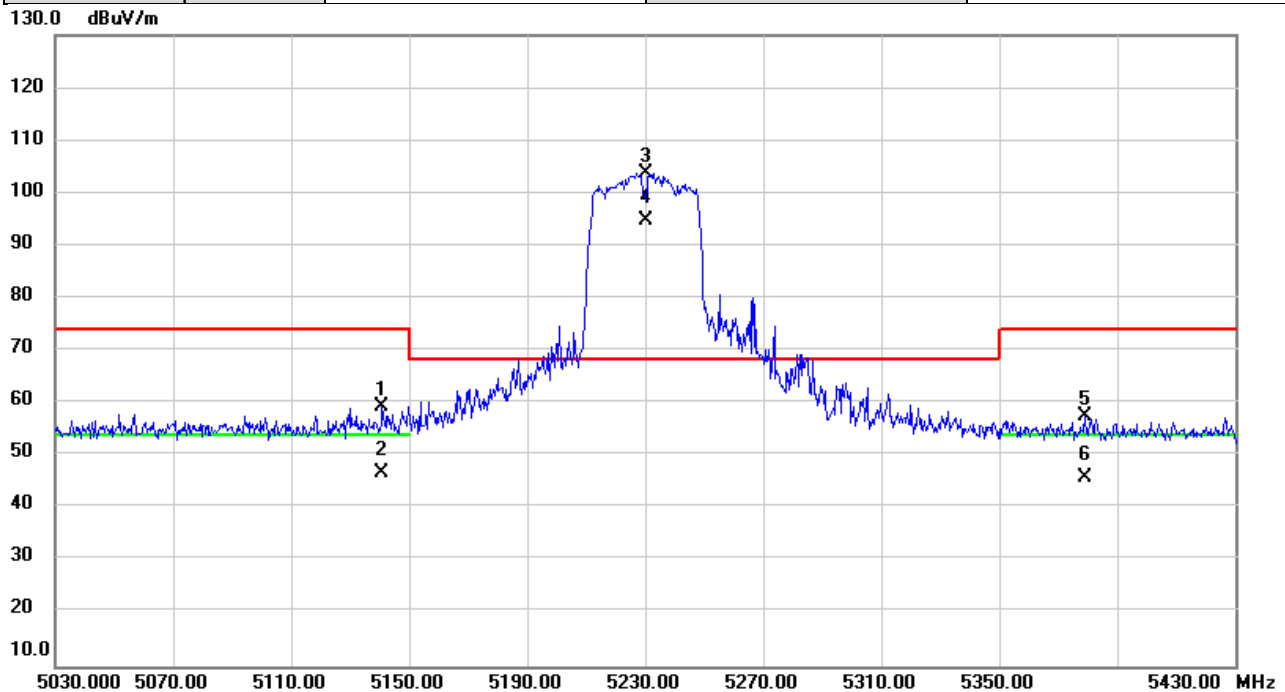
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.173	58.97	1.16	60.13	74.00	-13.87	peak	
2		5149.173	48.18	1.16	49.34	54.00	-4.66	AVG	
3	*	5190.000	100.11	1.18	101.29	68.20	33.09	peak	No Limit
4	X	5190.000	91.62	1.18	92.80	68.20	24.60	AVG	No Limit
5		5379.093	55.96	1.24	57.20	74.00	-16.80	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5230MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

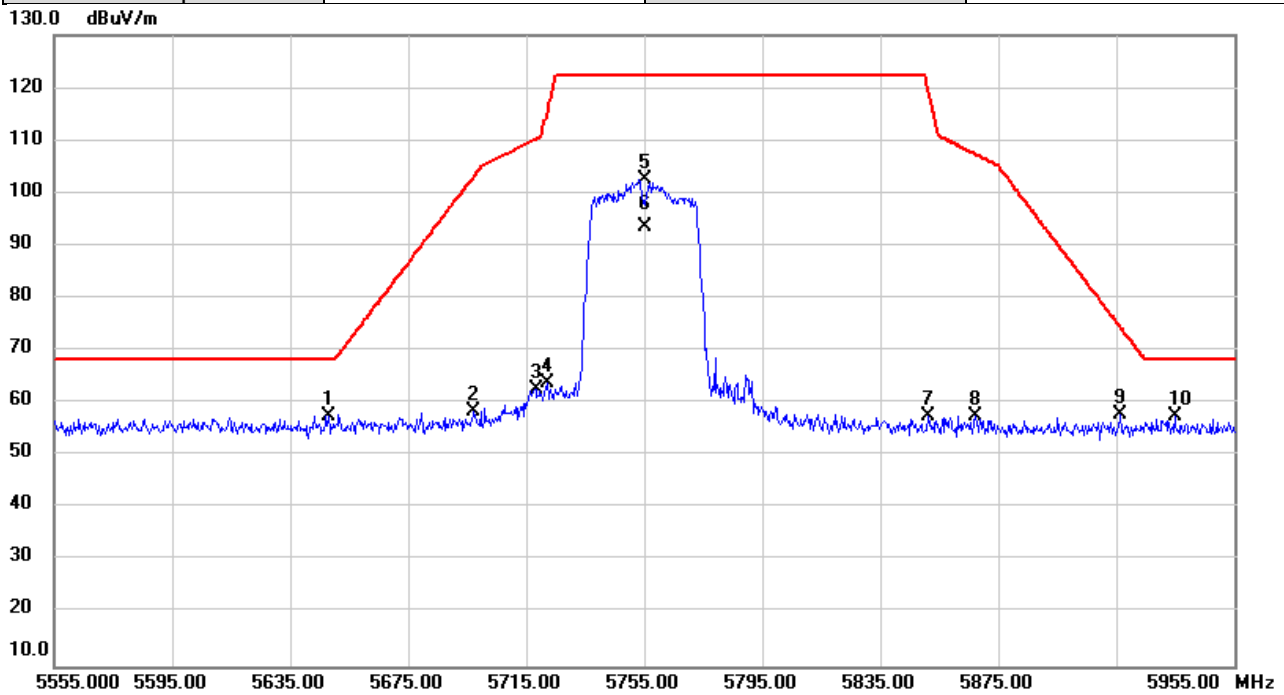


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5140.880	58.09	1.16	59.25	74.00	-14.75	peak	
2		5140.880	45.44	1.16	46.60	54.00	-7.40	AVG	
3	*	5230.000	102.54	1.19	103.73	68.20	35.53	peak	No Limit
4	X	5230.000	93.50	1.19	94.69	68.20	26.49	AVG	No Limit
5		5379.160	56.38	1.24	57.62	74.00	-16.38	peak	
6		5379.160	44.57	1.24	45.81	54.00	-8.19	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5755MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

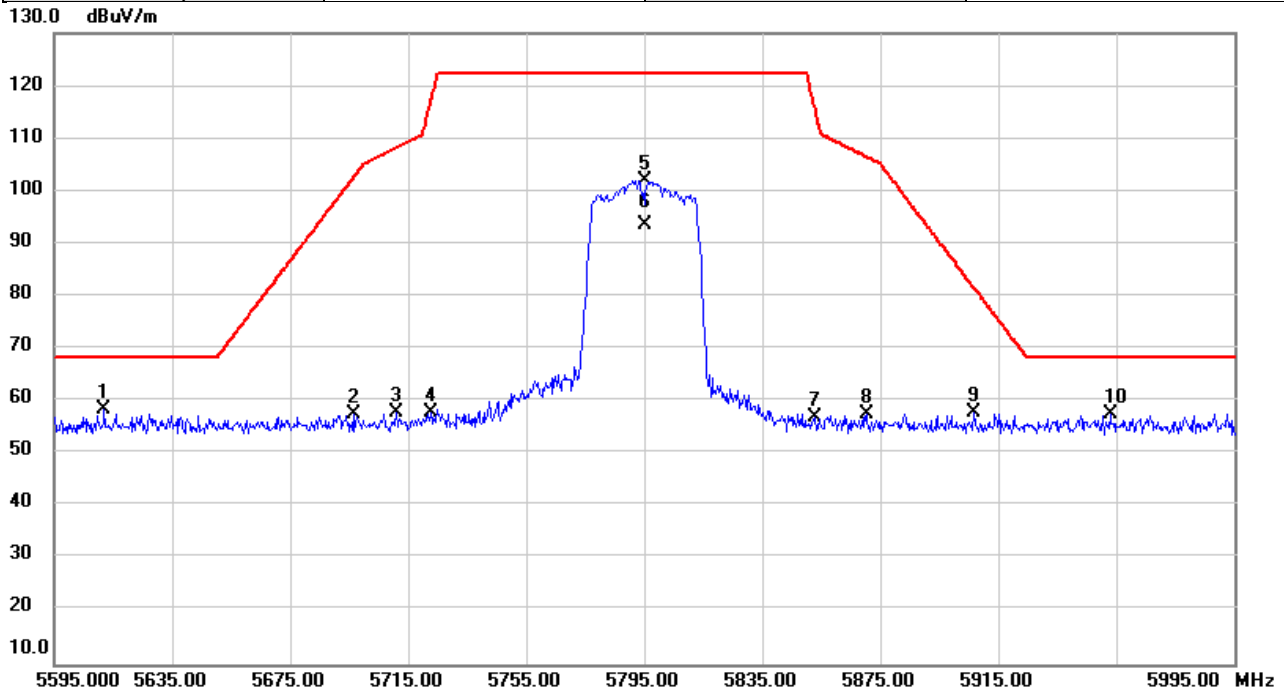


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5647.853	56.07	1.58	57.65	68.20	-10.55	peak	
2		5697.013	56.78	1.67	58.45	103.00	-44.55	peak	
3		5718.373	60.86	1.72	62.58	110.35	-47.77	peak	
4		5721.947	62.03	1.72	63.75	115.24	-51.49	peak	
5		5755.000	100.62	1.79	102.41	122.20	-19.79	peak	No Limit
6		5755.000	91.82	1.79	93.61	122.20	-28.59	AVG	No Limit
7		5851.253	55.69	1.98	57.67	119.34	-61.67	peak	
8		5867.253	55.63	2.02	57.65	107.37	-49.72	peak	
9		5916.213	55.66	2.12	57.78	74.68	-16.90	peak	
10		5934.813	55.33	2.15	57.48	68.20	-10.72	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/6/29
Test Frequency	5795MHz	Polarization	Horizontal
Temp	26°C	Hum.	52%

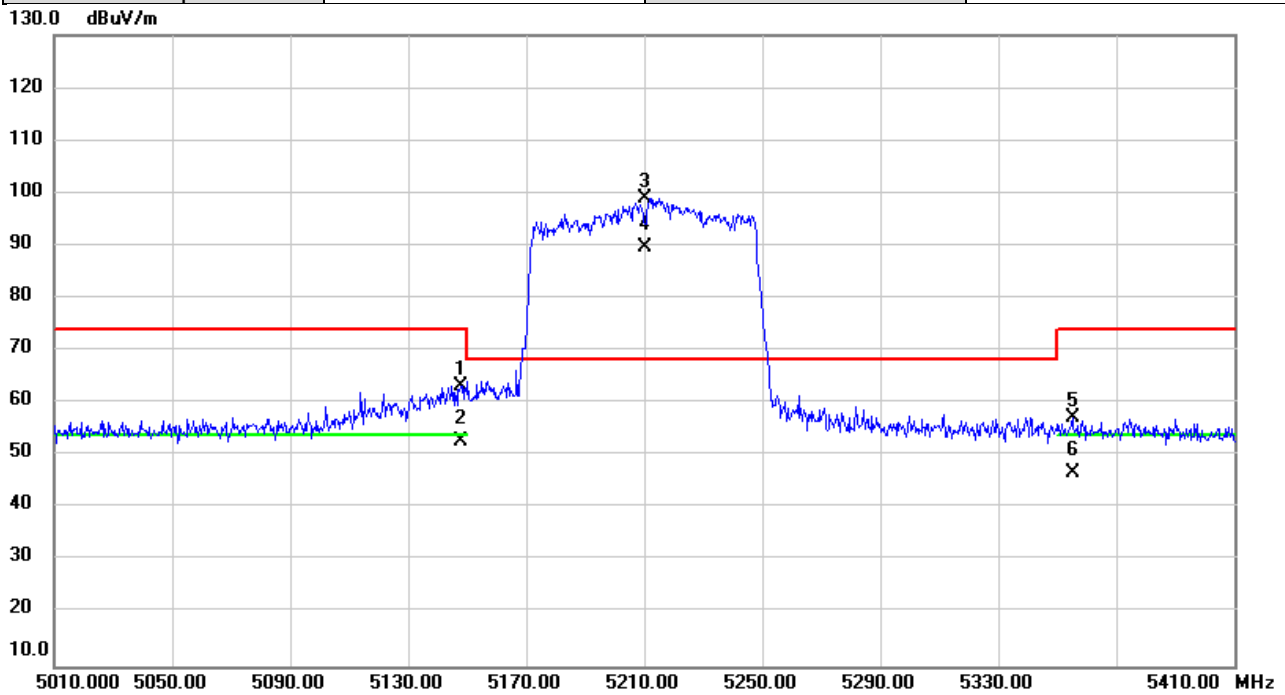


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5612.013	56.82	1.49	58.31	68.20	-9.89	peak	
2		5696.427	55.93	1.67	57.60	102.57	-44.97	peak	
3		5710.853	56.21	1.70	57.91	108.24	-50.33	peak	
4		5722.920	56.11	1.72	57.83	117.46	-59.63	peak	
5		5795.000	100.12	1.87	101.99	122.20	-20.21	peak	No Limit
6		5795.000	91.65	1.87	93.52	122.20	-28.68	AVG	No Limit
7		5852.653	54.91	1.98	56.89	116.15	-59.26	peak	
8		5870.280	55.58	2.03	57.61	106.52	-48.91	peak	
9		5906.760	55.91	2.09	58.00	81.66	-23.66	peak	
10		5953.320	55.40	2.20	57.60	68.20	-10.60	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/26
Test Frequency	5210MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

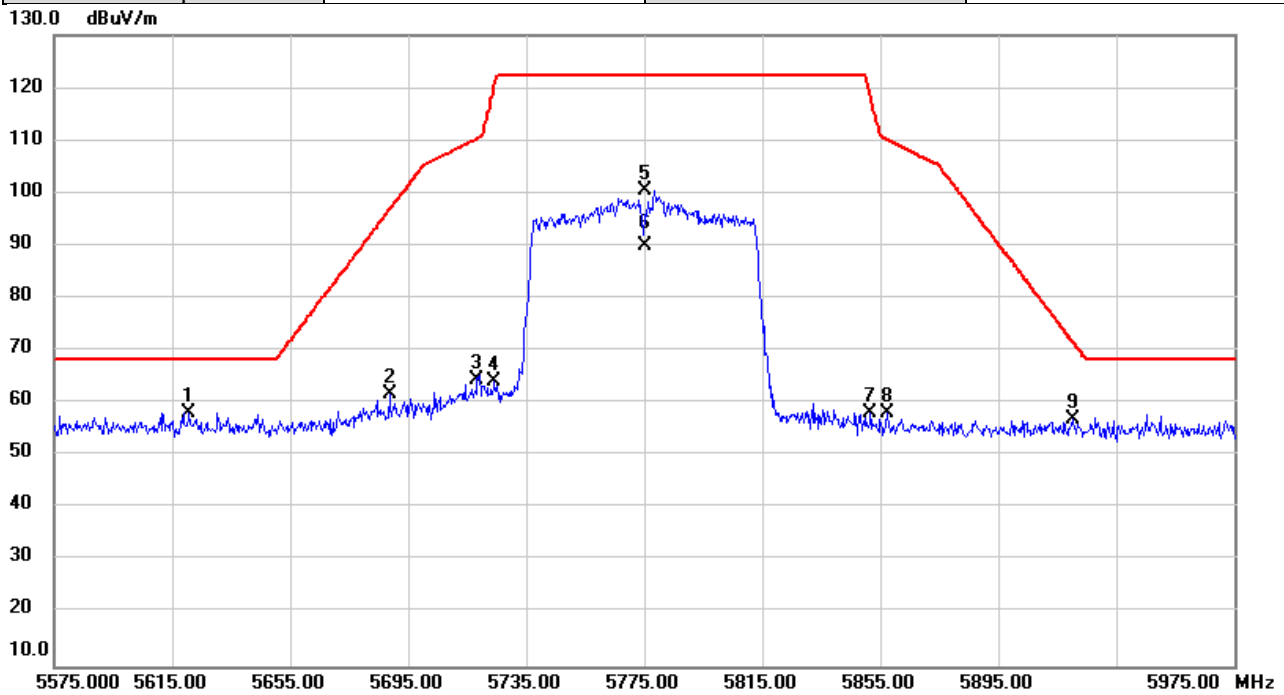


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.693	62.16	1.16	63.32	74.00	-10.68	peak	
2		5147.693	51.66	1.16	52.82	54.00	-1.18	AVG	
3	*	5210.000	97.75	1.18	98.93	68.20	30.73	peak	No Limit
4	X	5210.000	88.59	1.18	89.77	68.20	21.57	AVG	No Limit
5		5355.147	56.05	1.23	57.28	74.00	-16.72	peak	
6		5355.147	45.53	1.23	46.76	54.00	-7.24	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/26
Test Frequency	5775MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



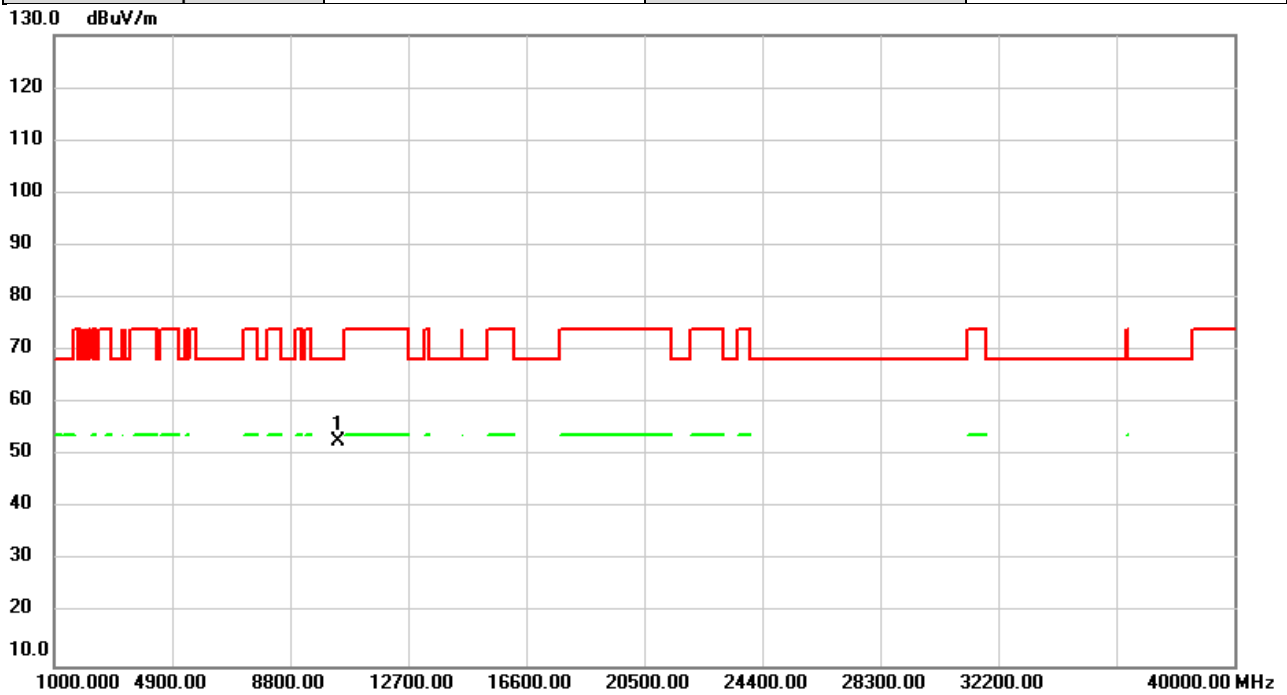
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5620.680	56.65	1.52	58.17	68.20	-10.03	peak	
2		5688.920	60.05	1.66	61.71	97.03	-35.32	peak	
3		5718.427	62.88	1.72	64.60	110.36	-45.76	peak	
4		5724.307	62.41	1.72	64.13	120.62	-56.49	peak	
5		5775.000	98.48	1.83	100.31	122.20	-21.89	peak	No Limit
6		5775.000	88.21	1.83	90.04	122.20	-32.16	AVG	No Limit
7		5851.560	56.04	1.98	58.02	118.64	-60.62	peak	
8		5857.280	56.14	1.99	58.13	110.16	-52.03	peak	
9		5920.413	54.81	2.13	56.94	71.58	-14.64	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5180MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

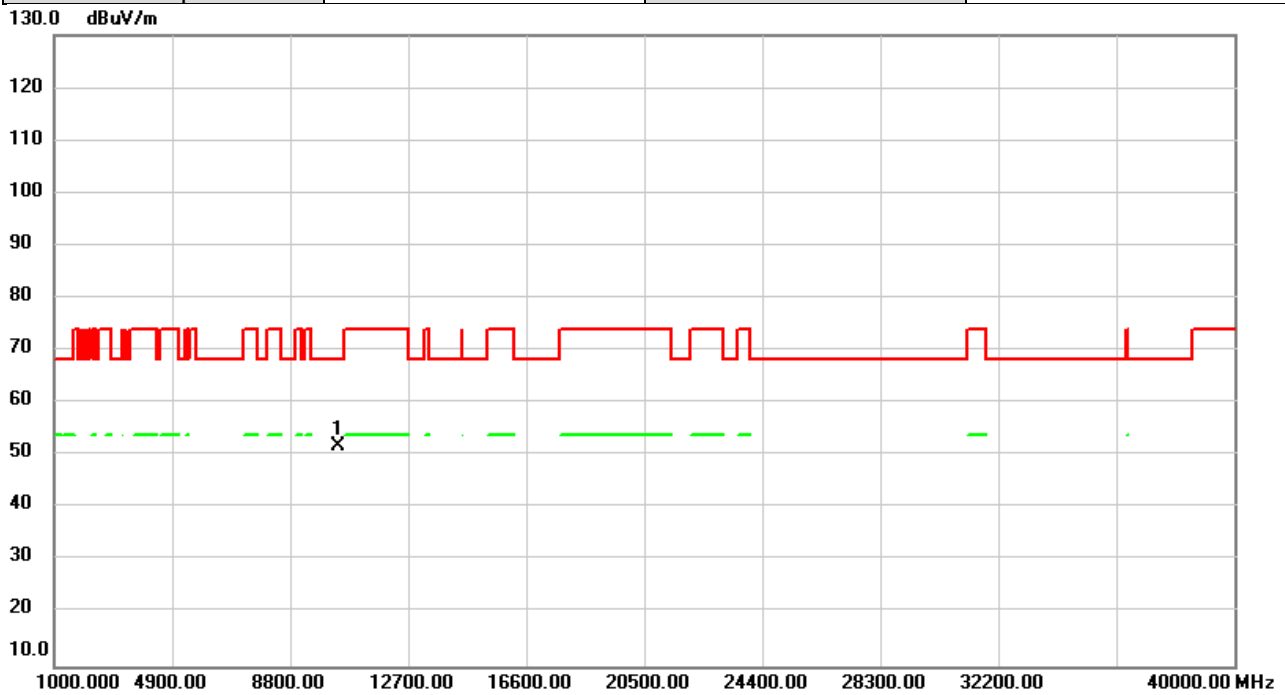


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	47.24	5.56	52.80	68.20	-15.40	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5180MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

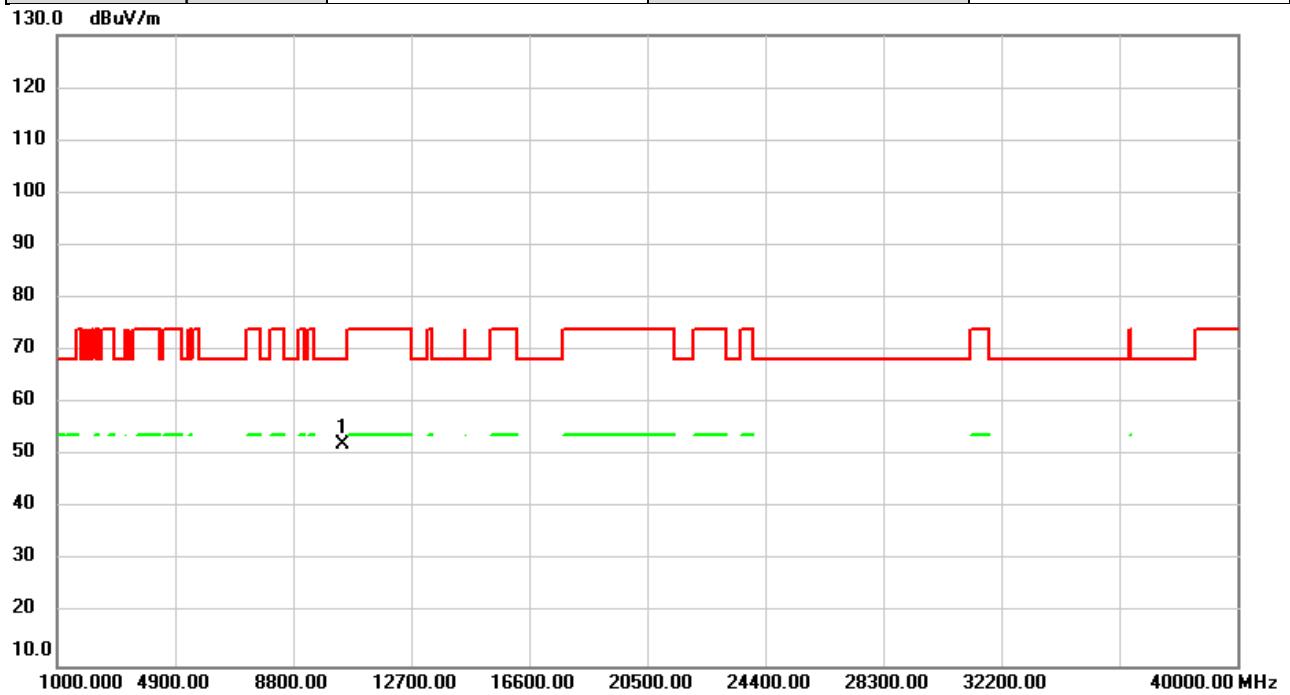


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	46.17	5.56	51.73	68.20	-16.47	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5220MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

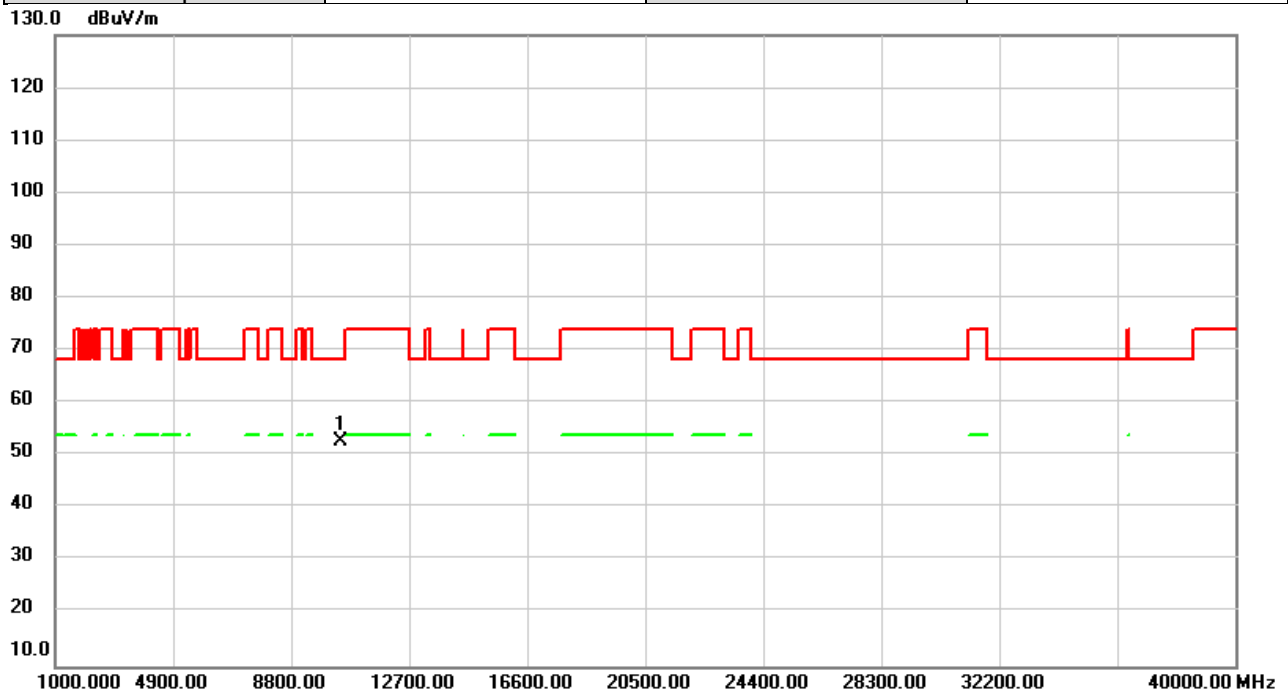


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	10440.00	46.89	5.37	52.26	68.20	-15.94	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5220MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%



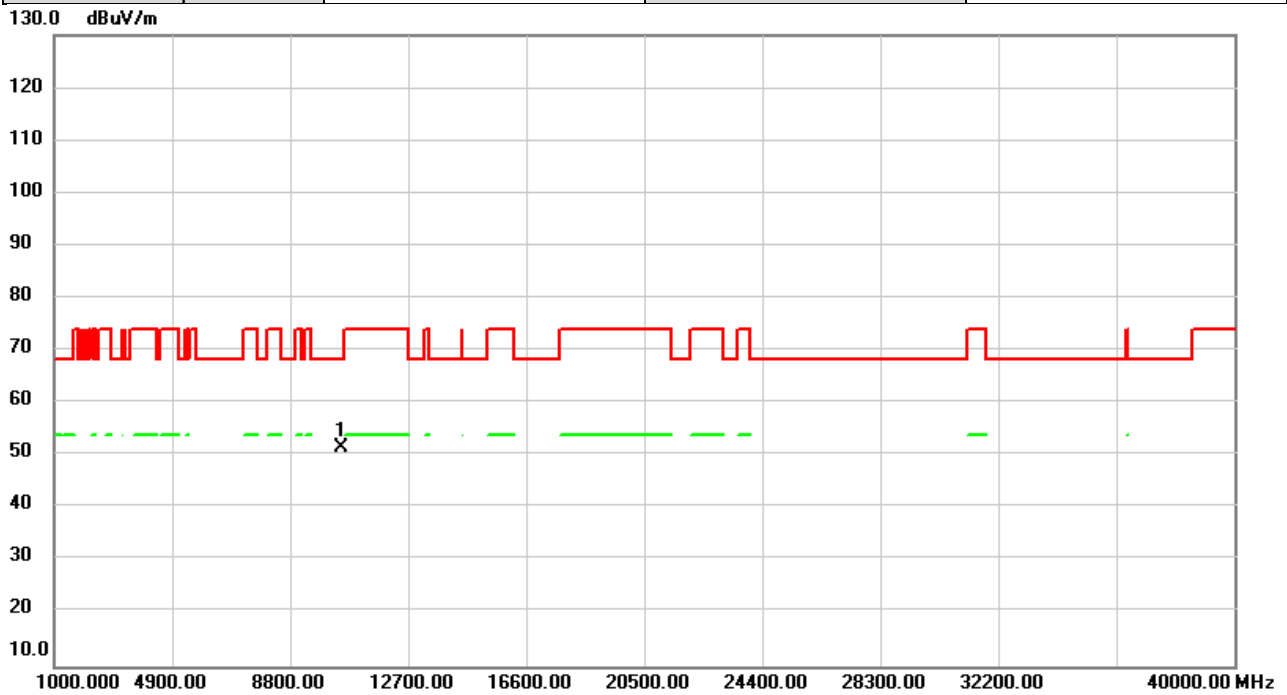
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10440.00	47.38	5.37	52.75	68.20	-15.45	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5240MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

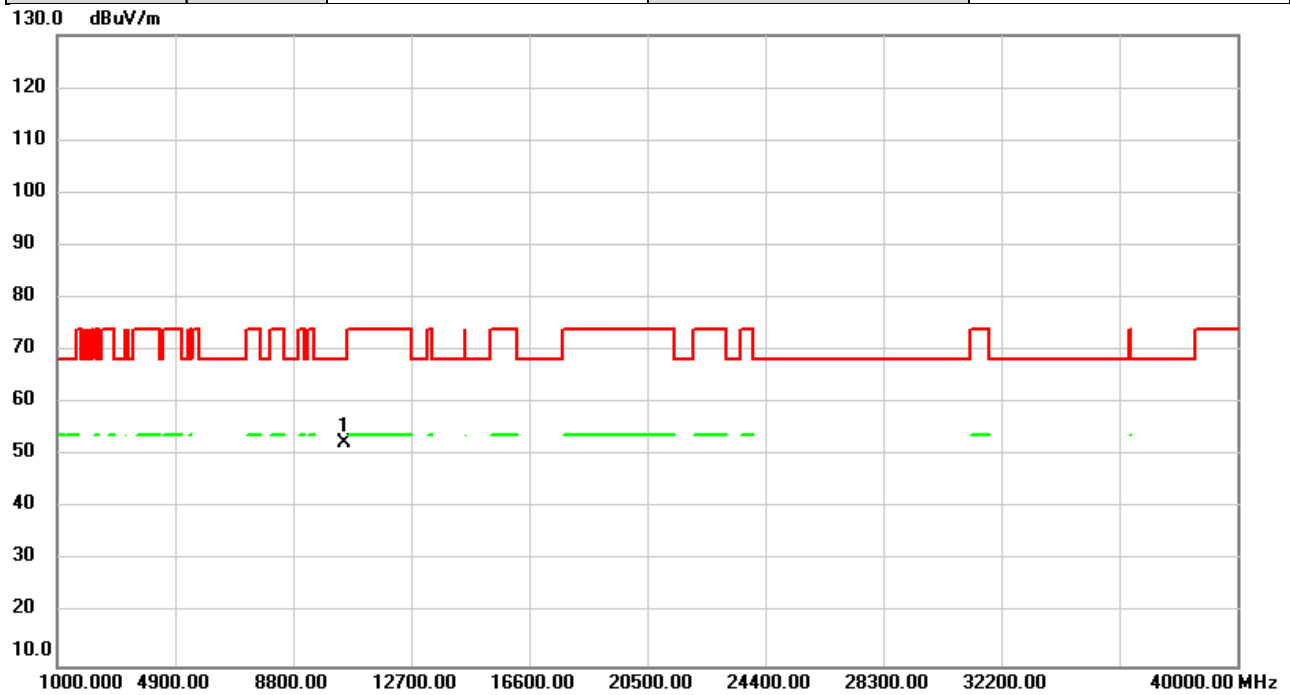


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	46.23	5.28	51.51	68.20	-16.69	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5240MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%



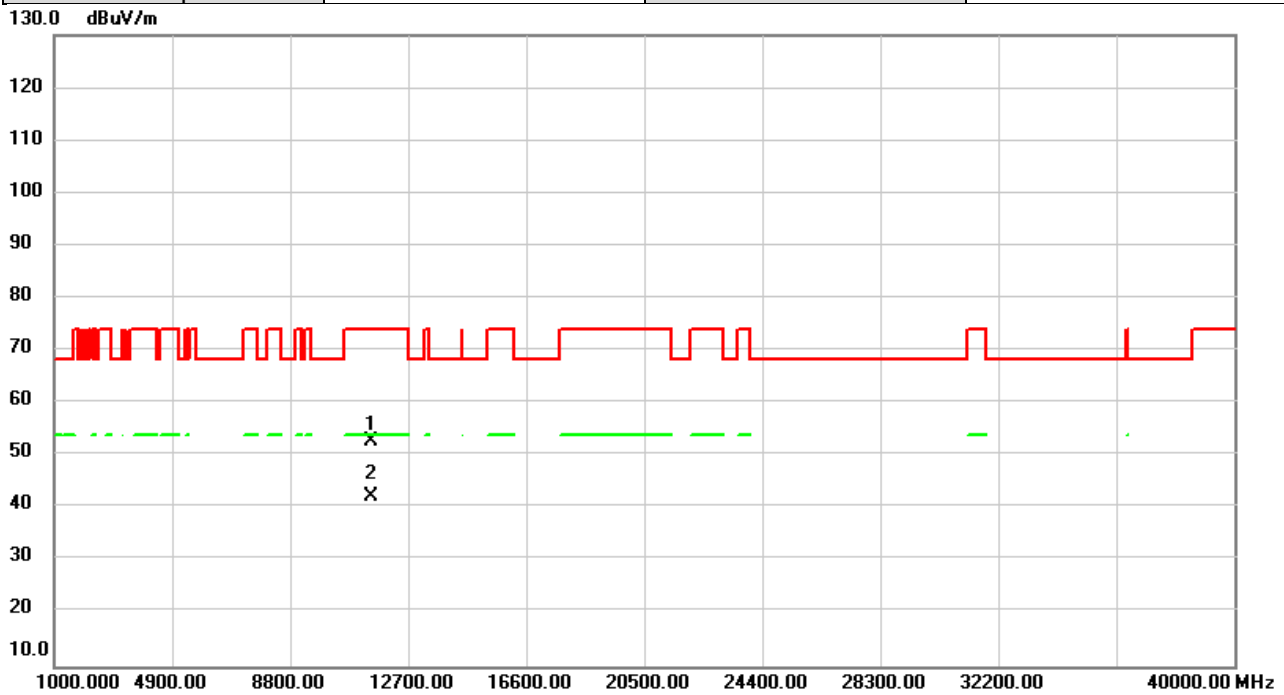
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	47.17	5.28	52.45	68.20	-15.75	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5745MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

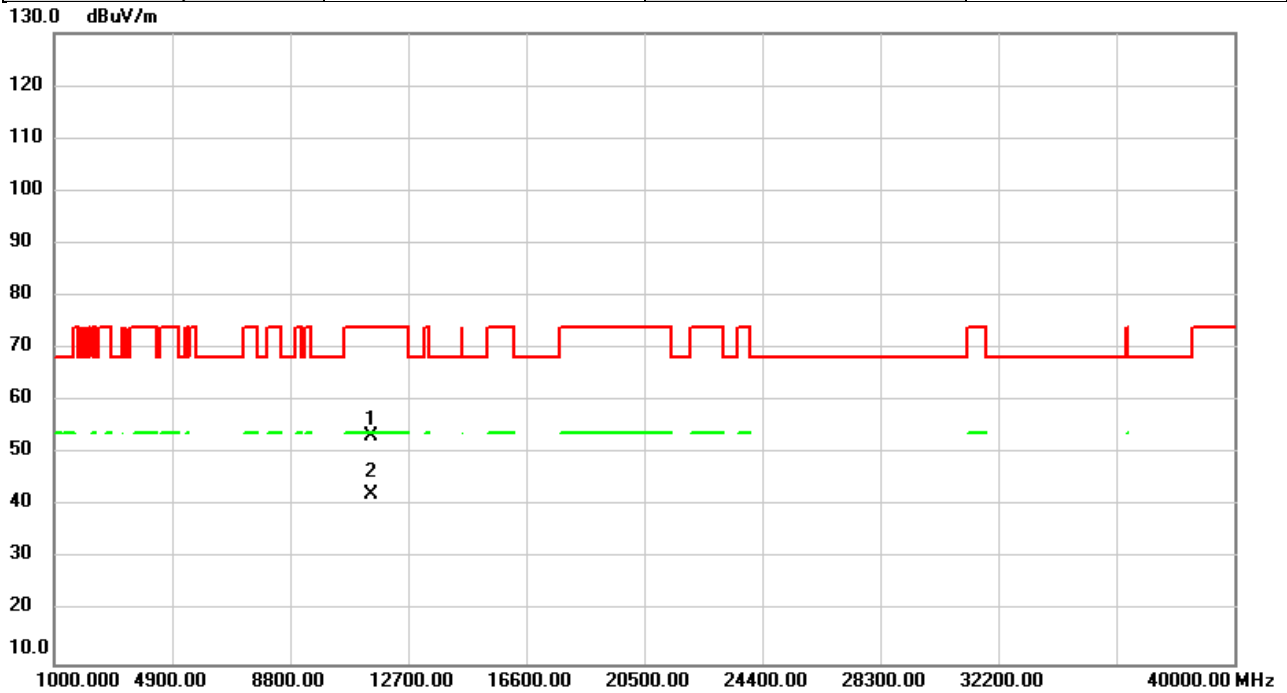


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11490.00	46.12	6.76	52.88	74.00	-21.12	peak	
2	*	11490.00	35.53	6.76	42.29	54.00	-11.71	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5745MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

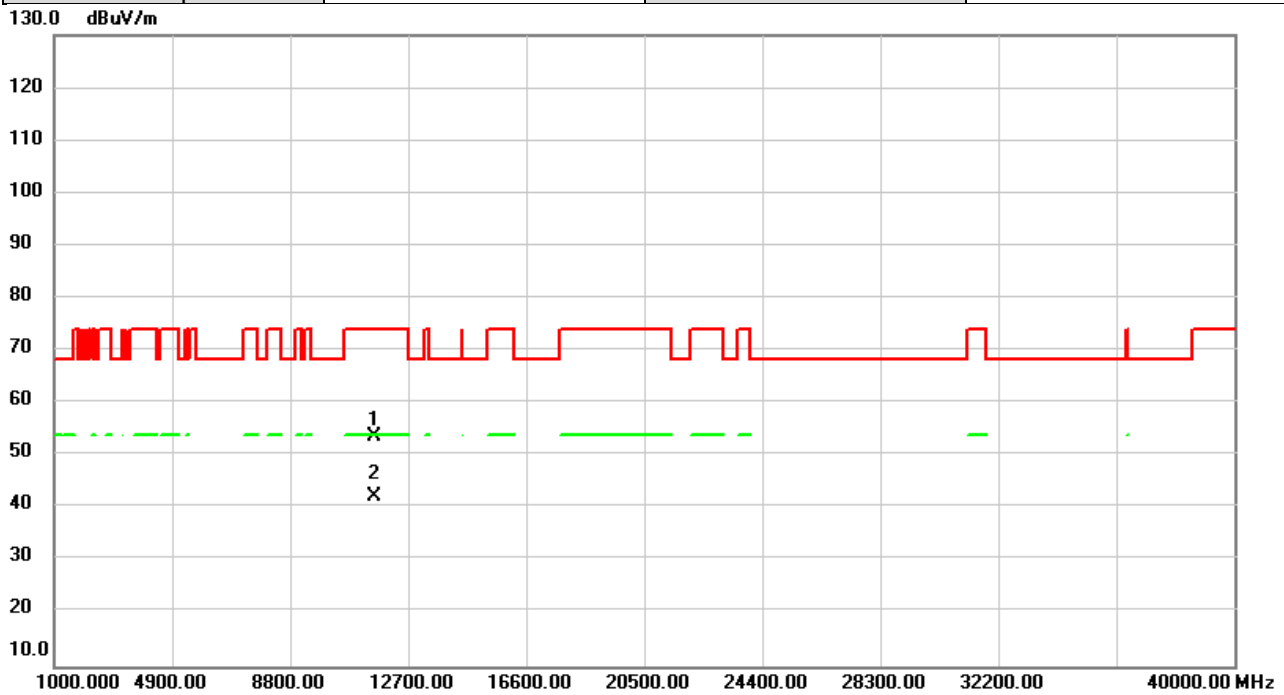


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	46.47	6.76	53.23	74.00	-20.77	peak	
2	*	11490.00	35.53	6.76	42.29	54.00	-11.71	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5785MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

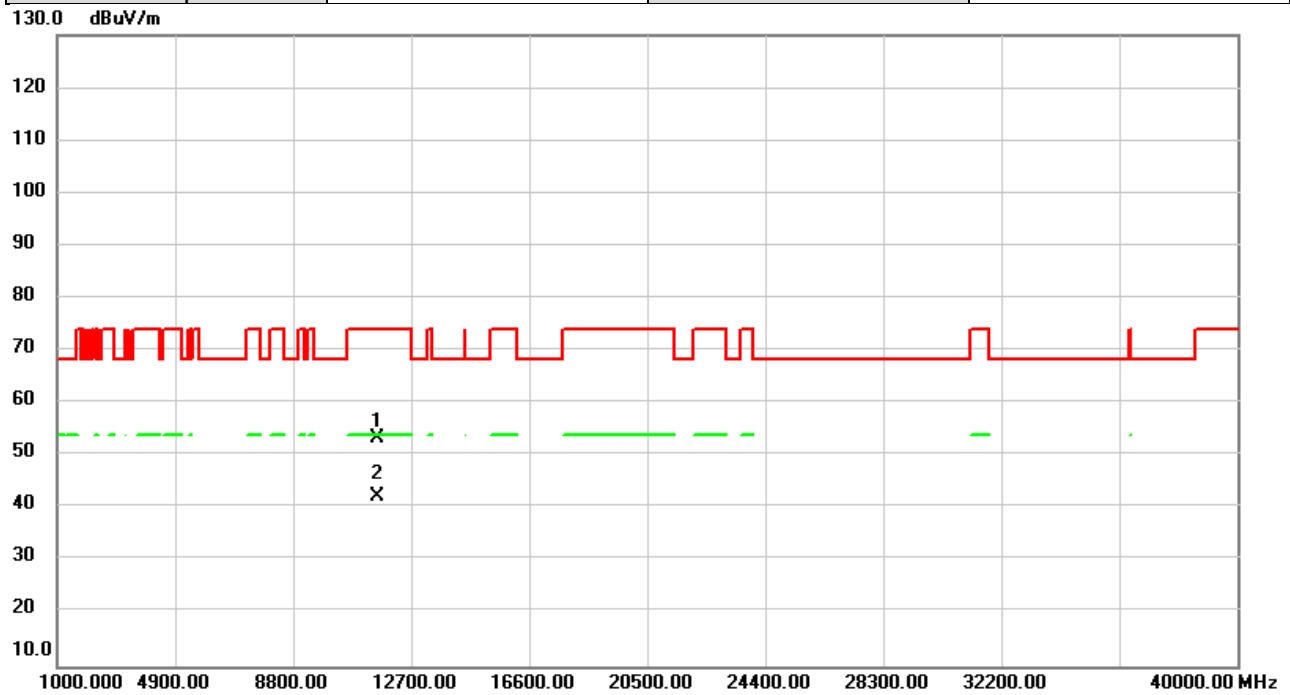


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		11570.00	46.81	6.72	53.53	74.00	-20.47	peak	
2	*	11570.00	35.53	6.72	42.25	54.00	-11.75	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5785MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

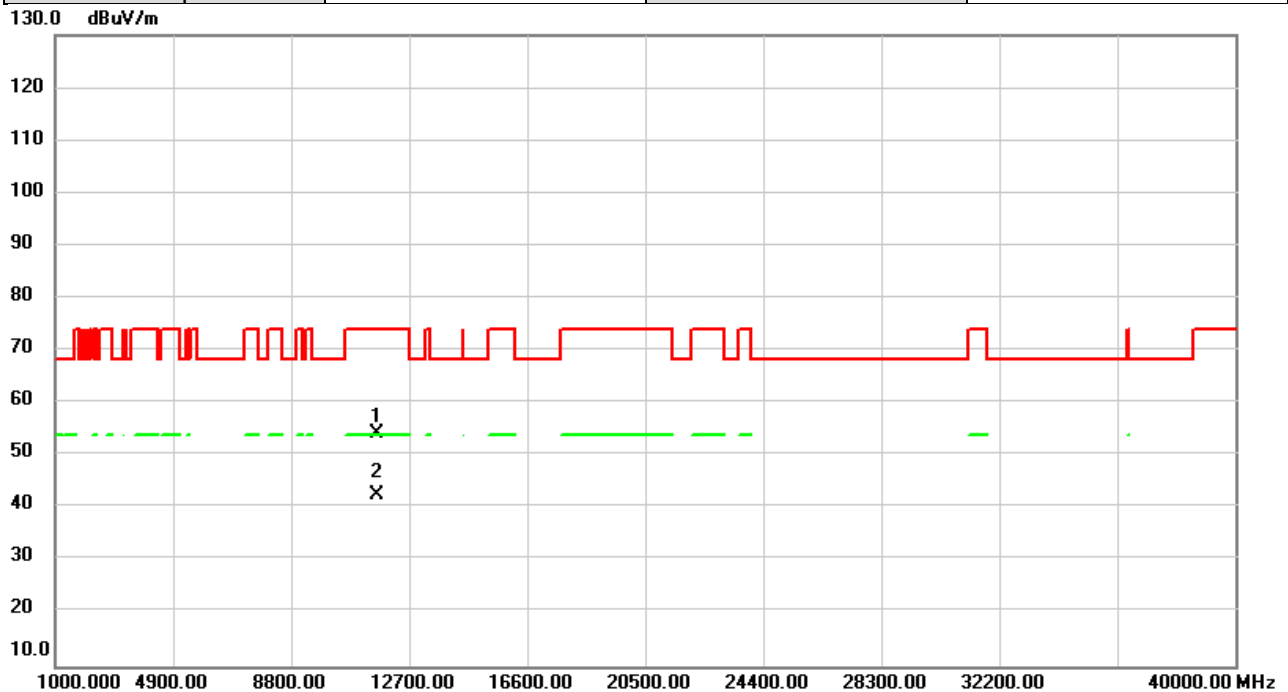


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	46.78	6.72	53.50	74.00	-20.50	peak	
2	*	11570.00	35.50	6.72	42.22	54.00	-11.78	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5825MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

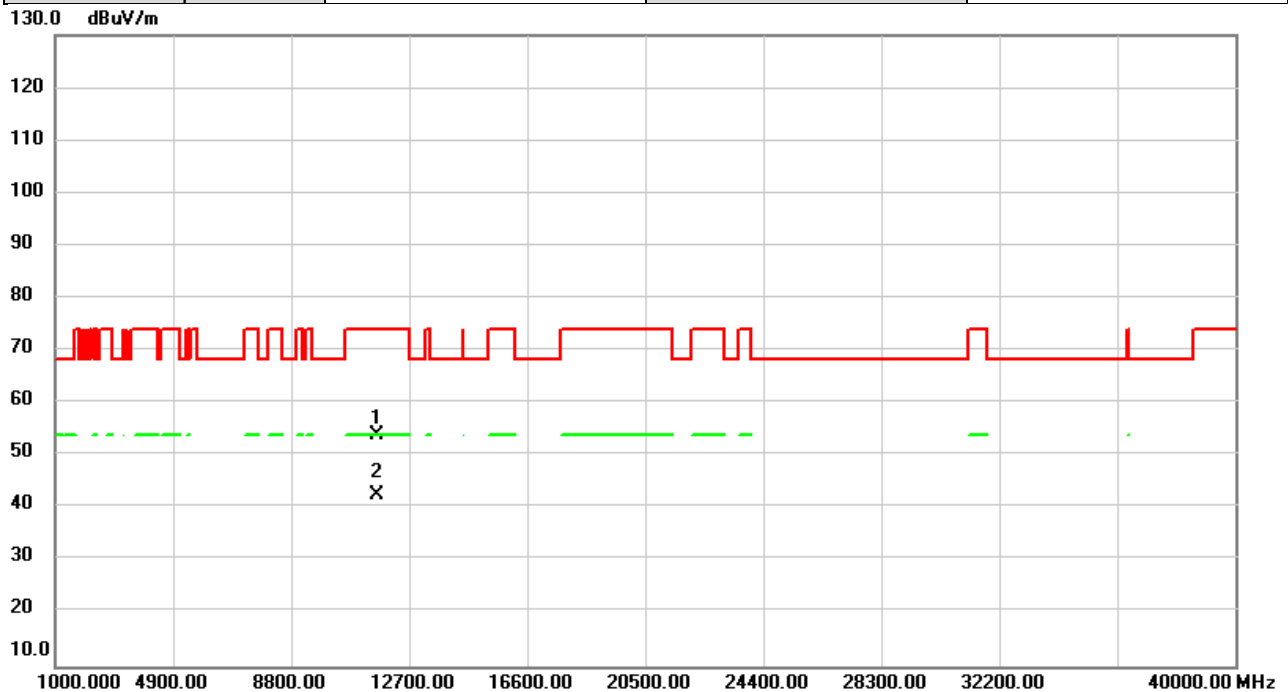


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		11650.00	47.44	6.67	54.11	74.00	-19.89	peak	
2	*	11650.00	35.84	6.67	42.51	54.00	-11.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2023-6-30
Test Frequency	5825MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

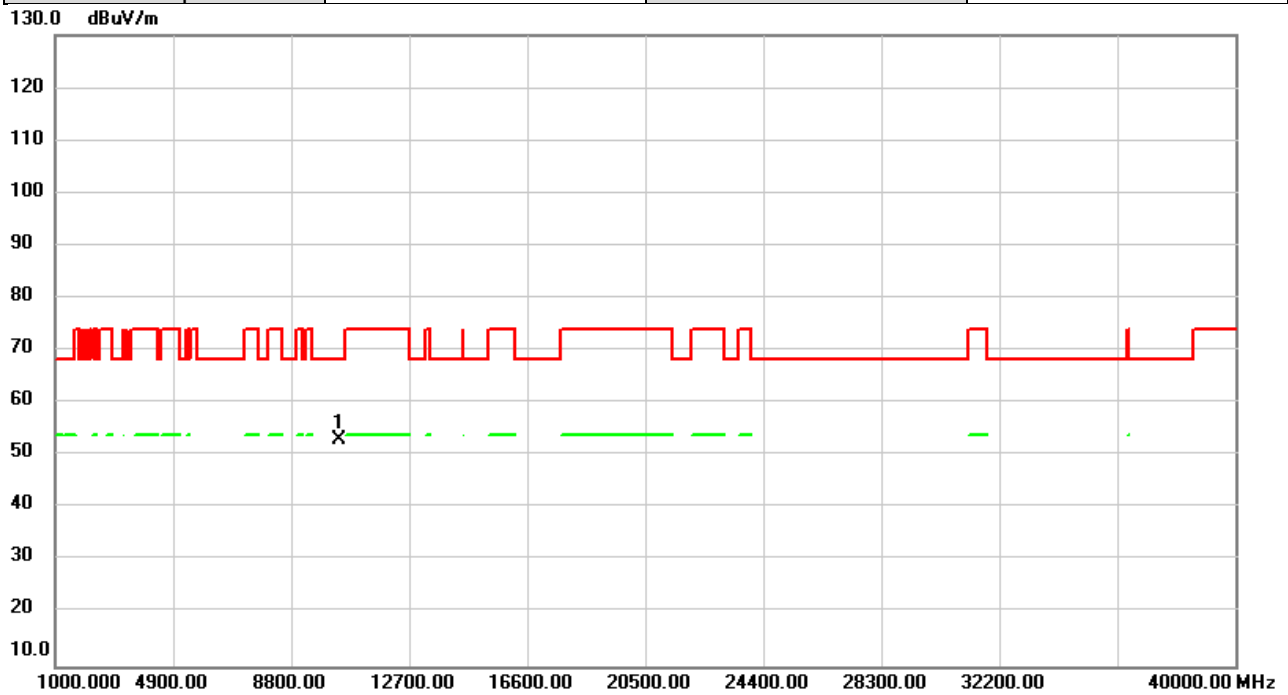


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11650.00	47.36	6.67	54.03	74.00	-19.97	peak	
2	*	11650.00	35.84	6.67	42.51	54.00	-11.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5180MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

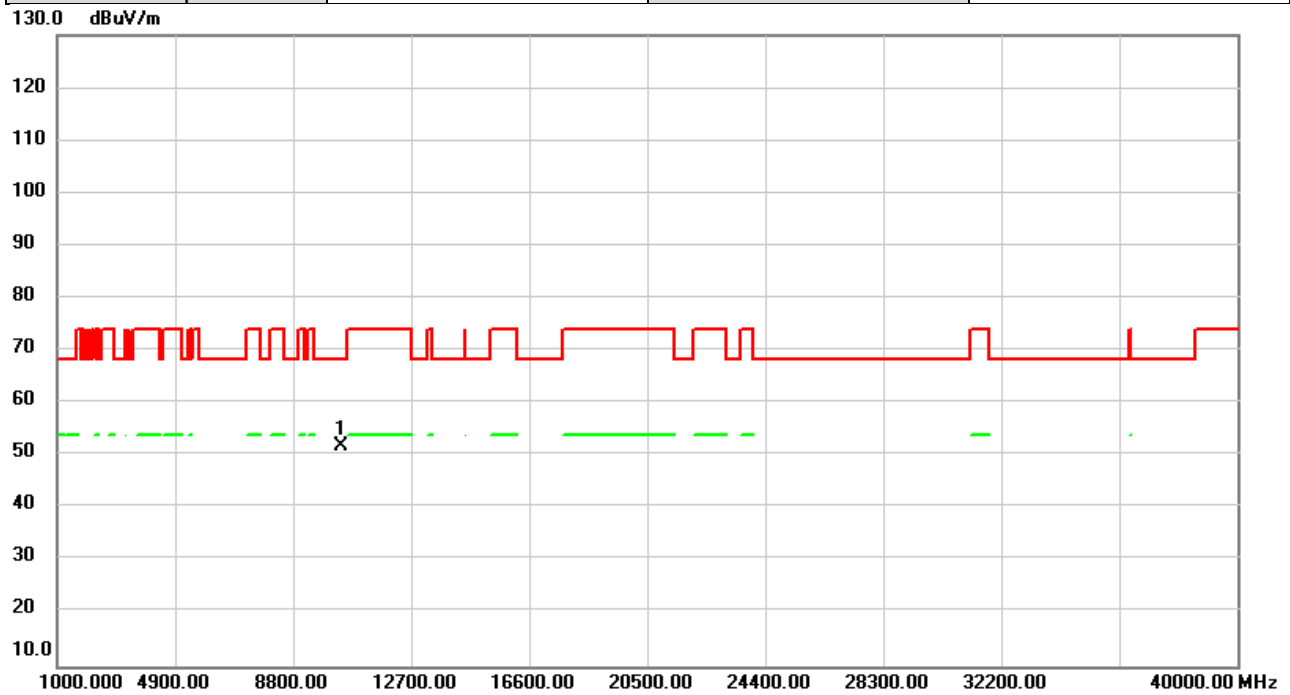


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	47.52	5.56	53.08	68.20	-15.12	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5180MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

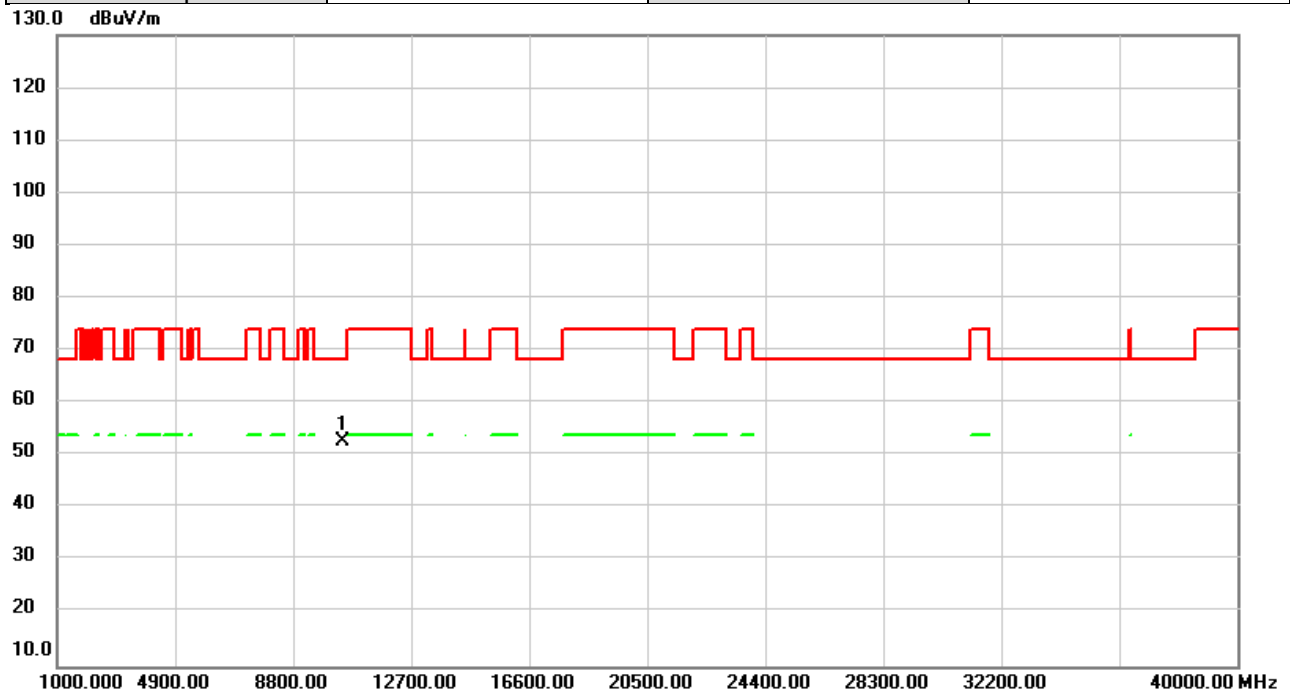


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	46.16	5.56	51.72	68.20	-16.48	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5220MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

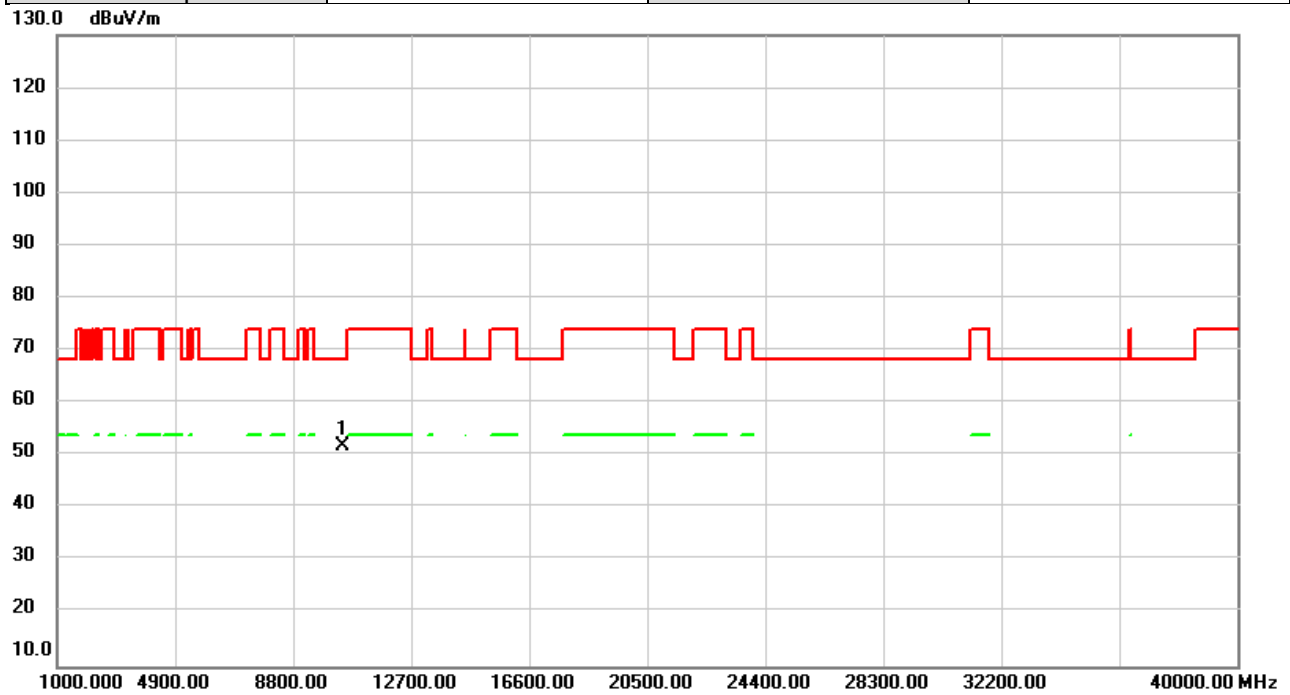


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10440.00	47.27	5.37	52.64	68.20	-15.56	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5220MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

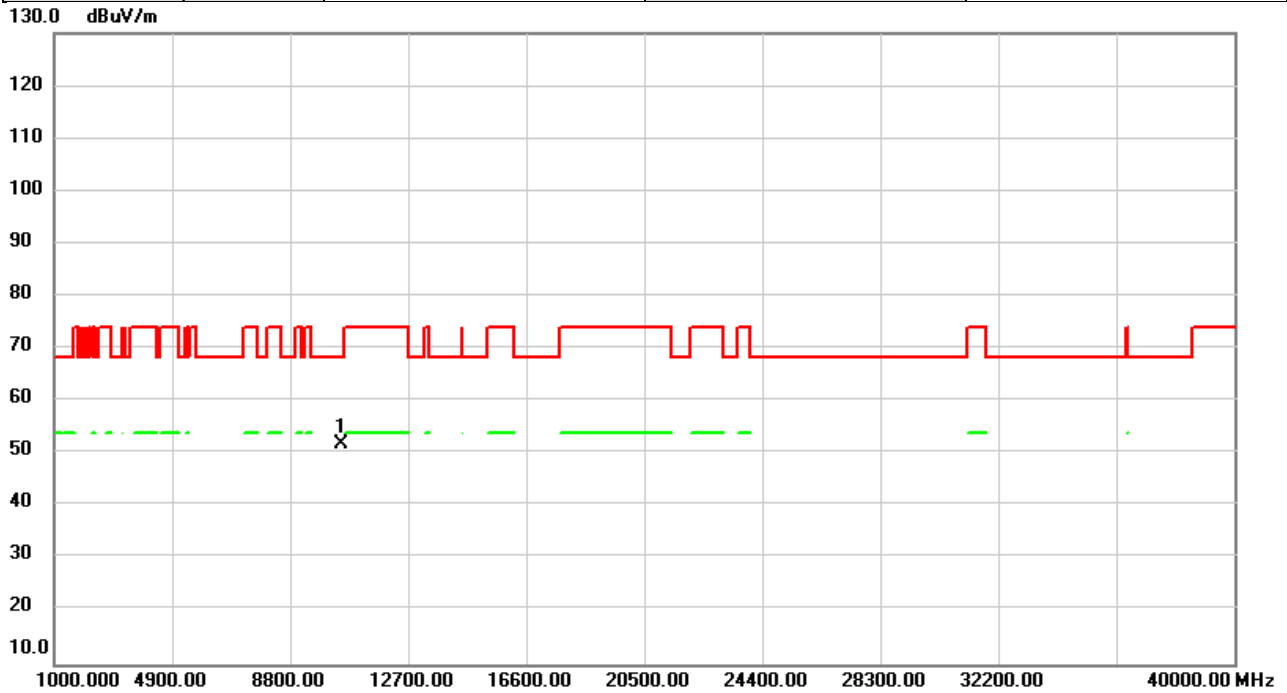


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	10440.00	46.37	5.37	51.74	68.20	-16.46	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5240MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

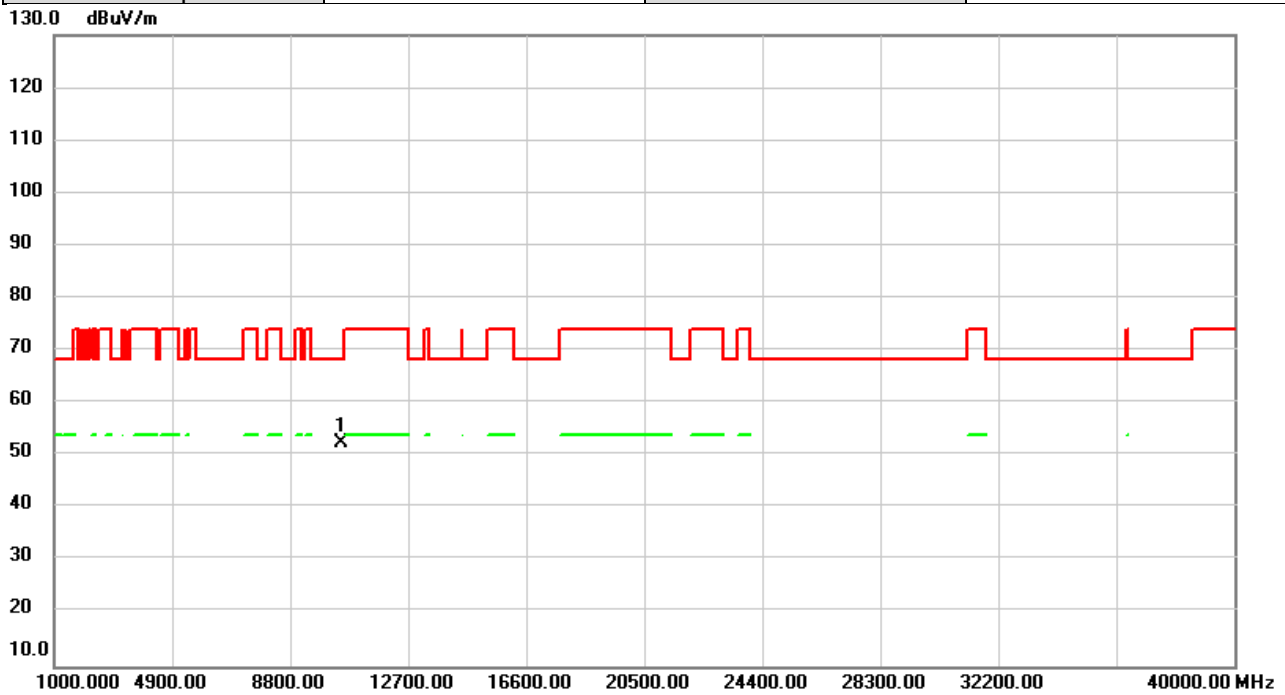


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	46.53	5.28	51.81	68.20	-16.39	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5240MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

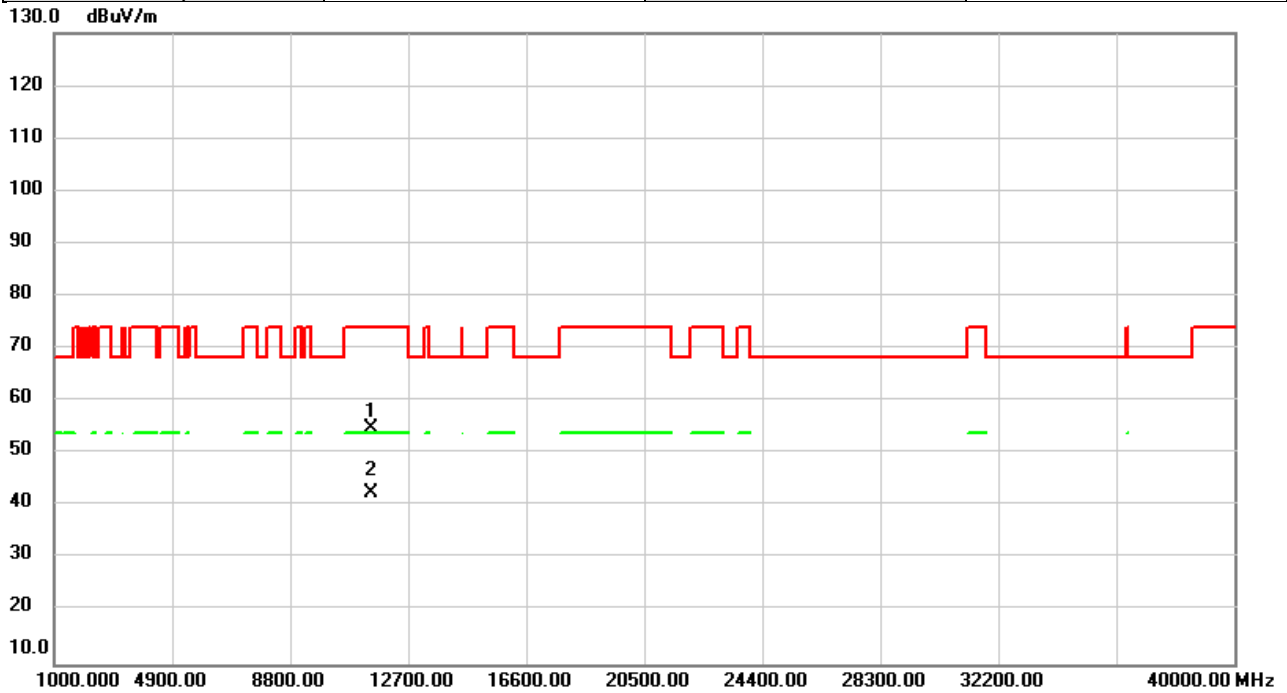


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	47.32	5.28	52.60	68.20	-15.60	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5745MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

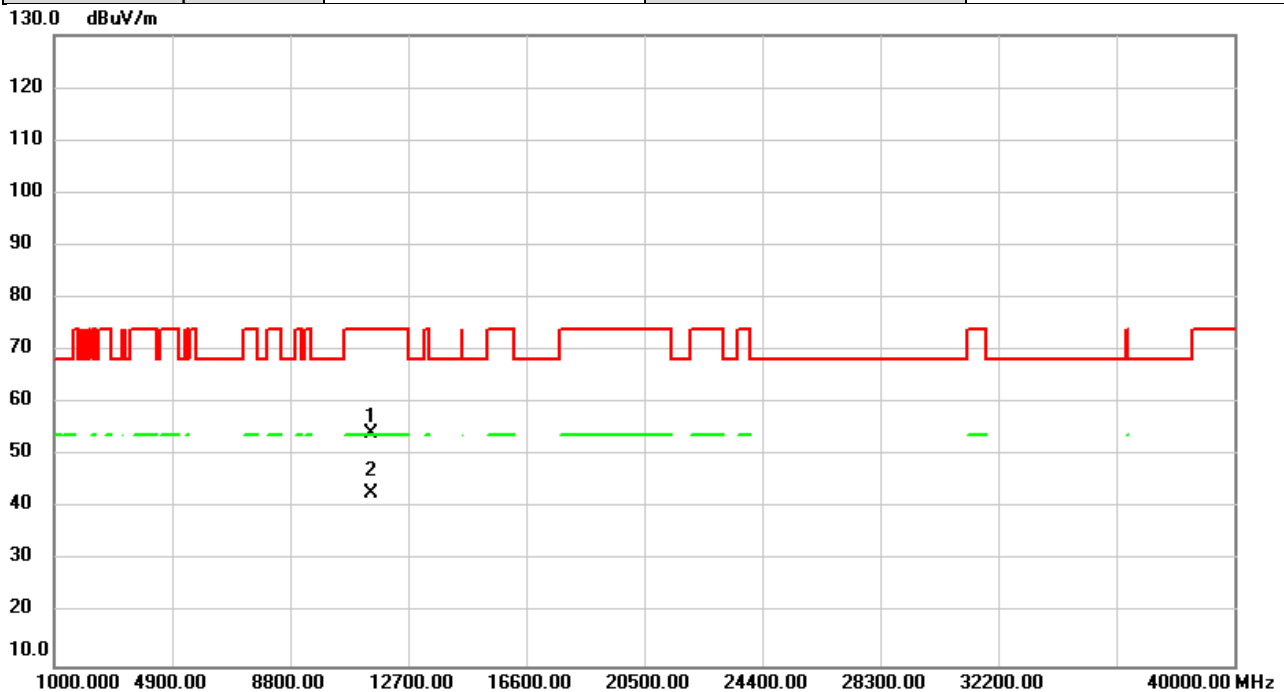


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11490.00	48.19	6.76	54.95	74.00	-19.05	peak	
2	*	11490.00	35.72	6.76	42.48	54.00	-11.52	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5745MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

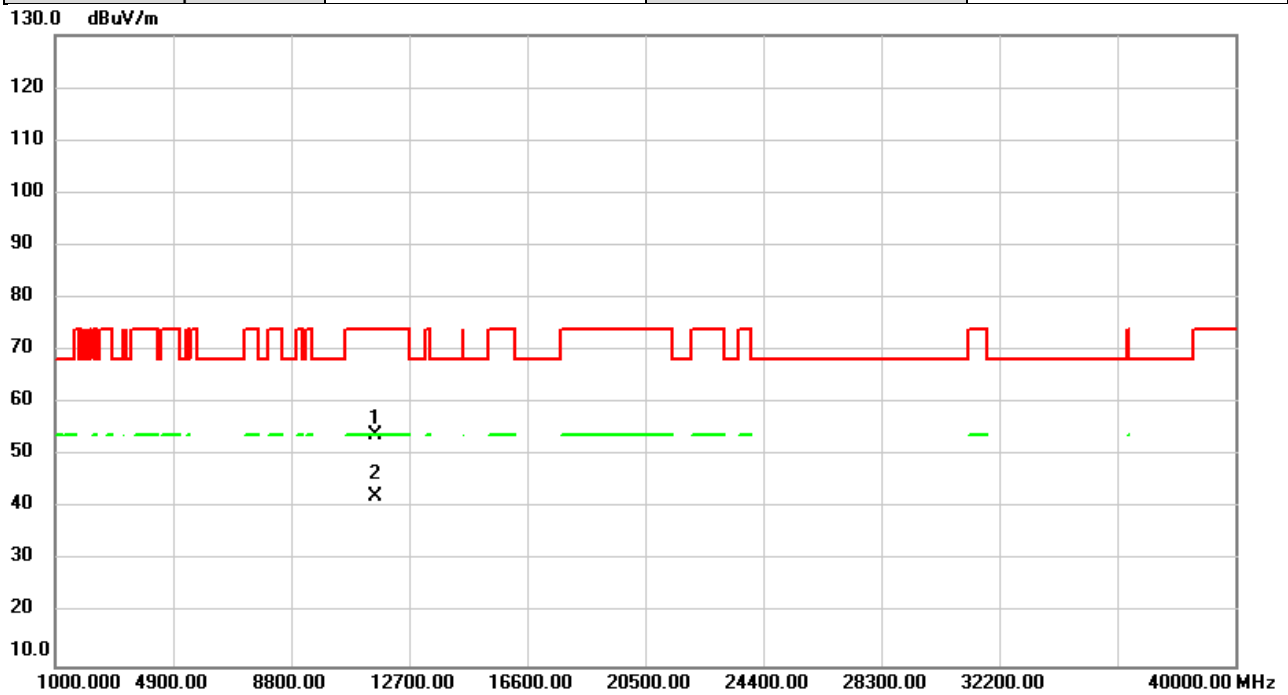


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11490.00	47.43	6.76	54.19	74.00	-19.81	peak	
2	*	11490.00	35.96	6.76	42.72	54.00	-11.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5785MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

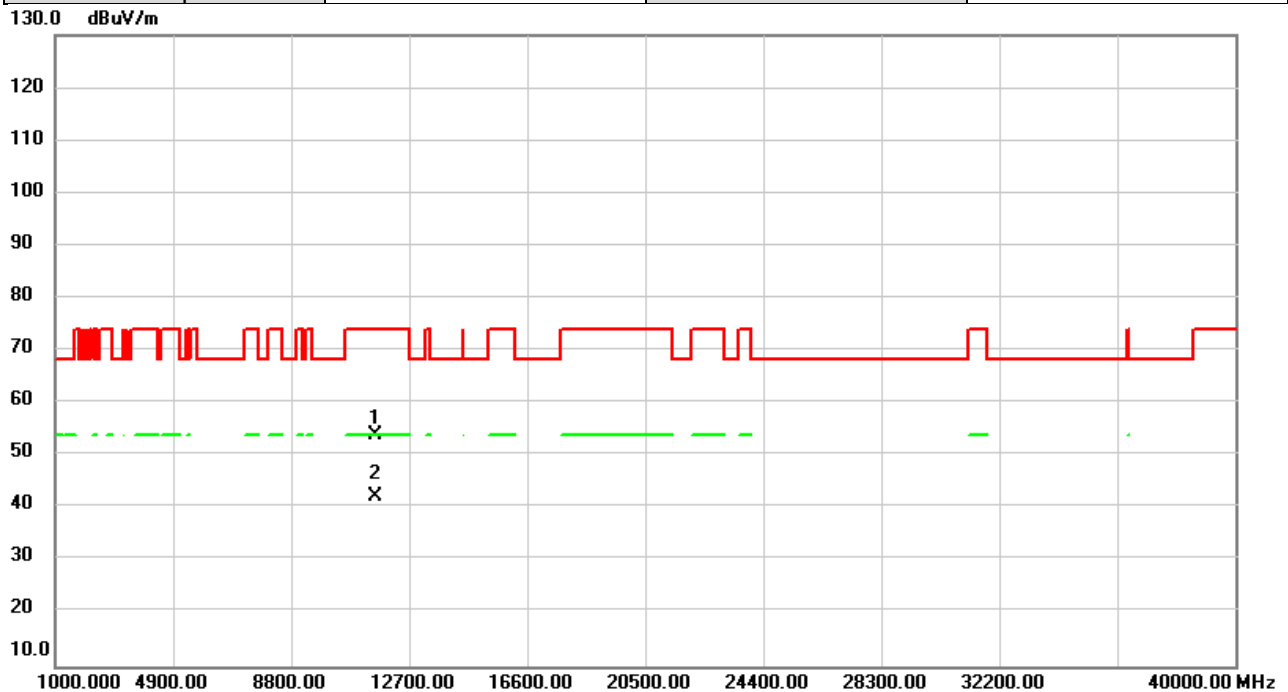


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		11570.00	47.15	6.72	53.87	74.00	-20.13	peak	
2	*	11570.00	35.66	6.72	42.38	54.00	-11.62	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5785MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

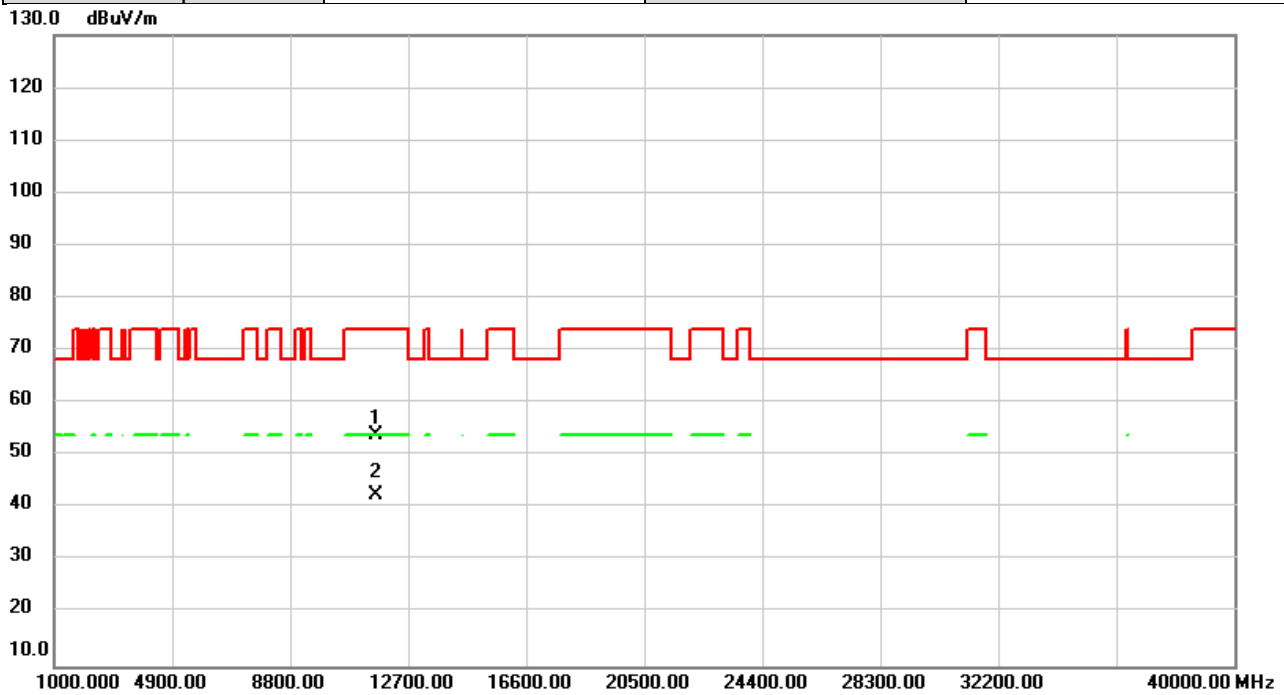


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11570.00	47.10	6.72	53.82	74.00	-20.18	peak	
2	*	11570.00	35.59	6.72	42.31	54.00	-11.69	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5825MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

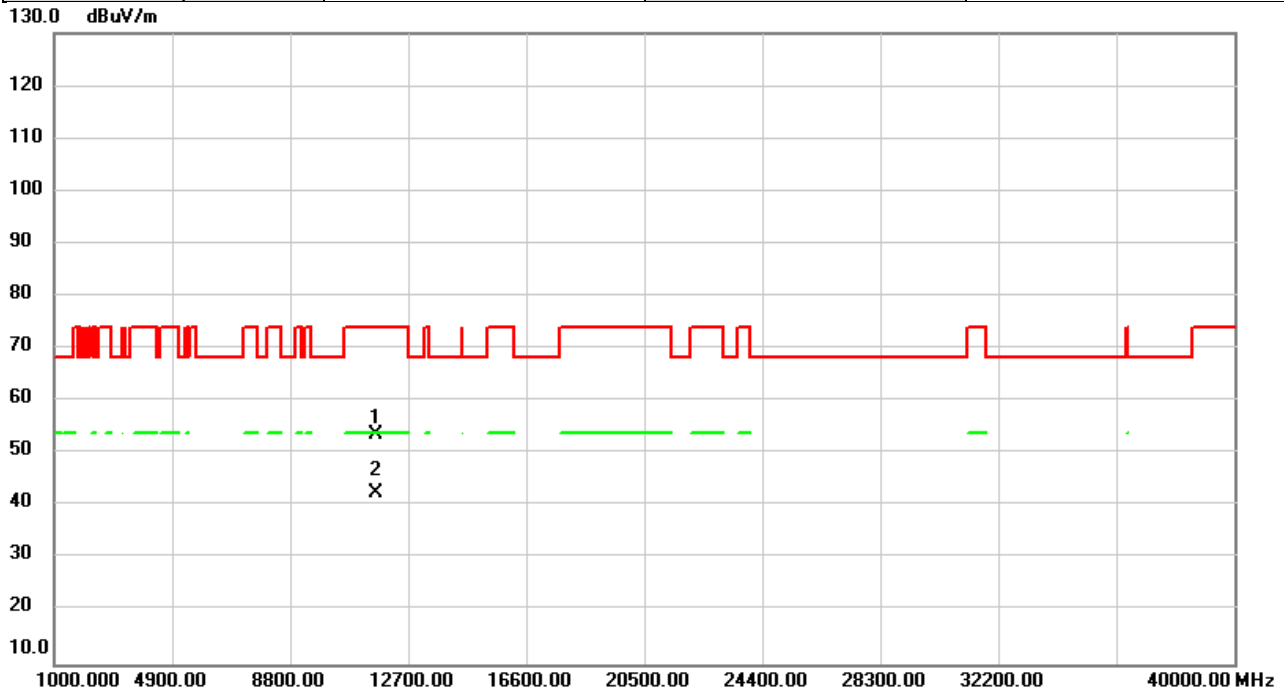


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11650.00	47.30	6.67	53.97	74.00	-20.03	peak	
2	*	11650.00	35.78	6.67	42.45	54.00	-11.55	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023-6-30
Test Frequency	5825MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

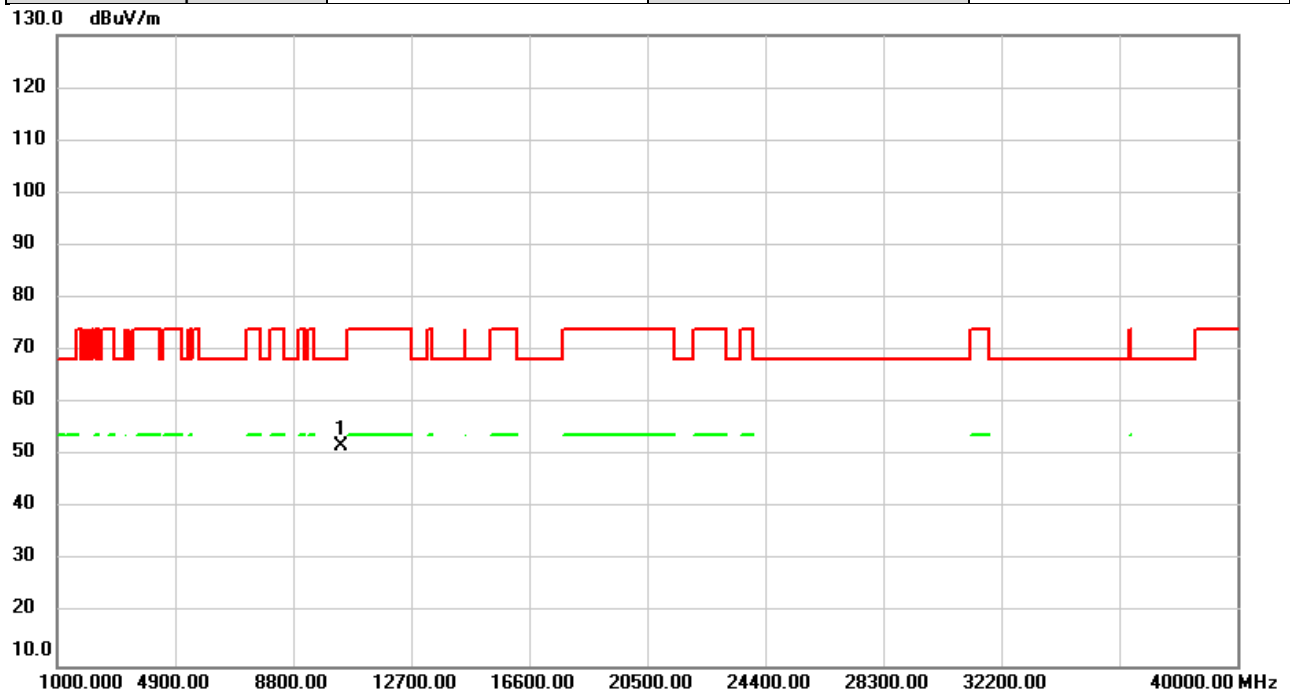


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	47.03	6.67	53.70	74.00	-20.30	peak	
2	*	11650.00	35.96	6.67	42.63	54.00	-11.37	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023-6-30
Test Frequency	5190MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

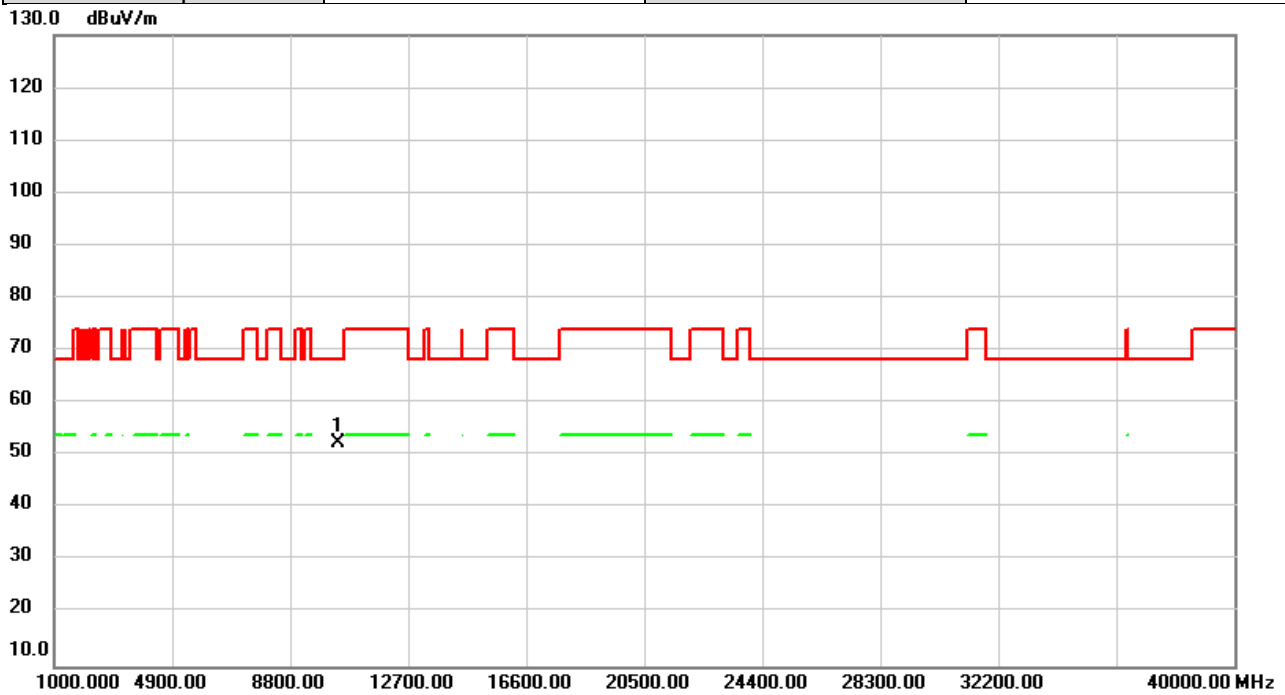


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	46.37	5.52	51.89	68.20	-16.31	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023-6-30
Test Frequency	5190MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

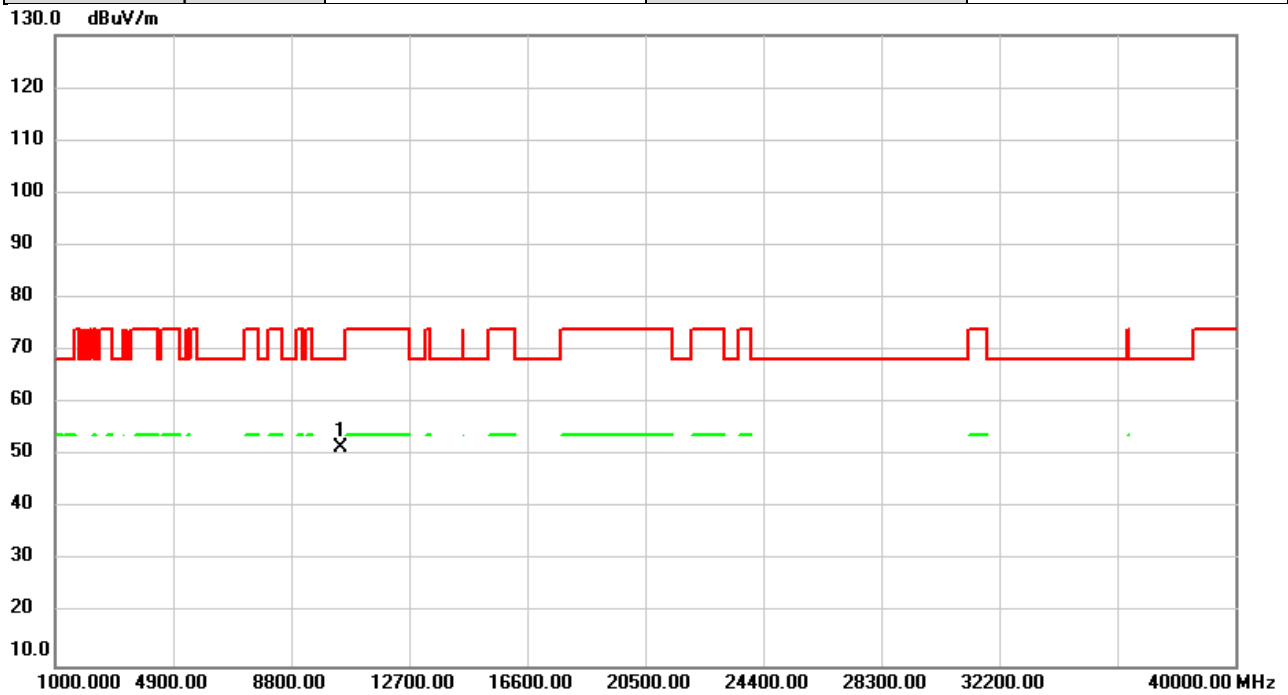


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	46.98	5.52	52.50	68.20	-15.70	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023-6-30
Test Frequency	5230MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

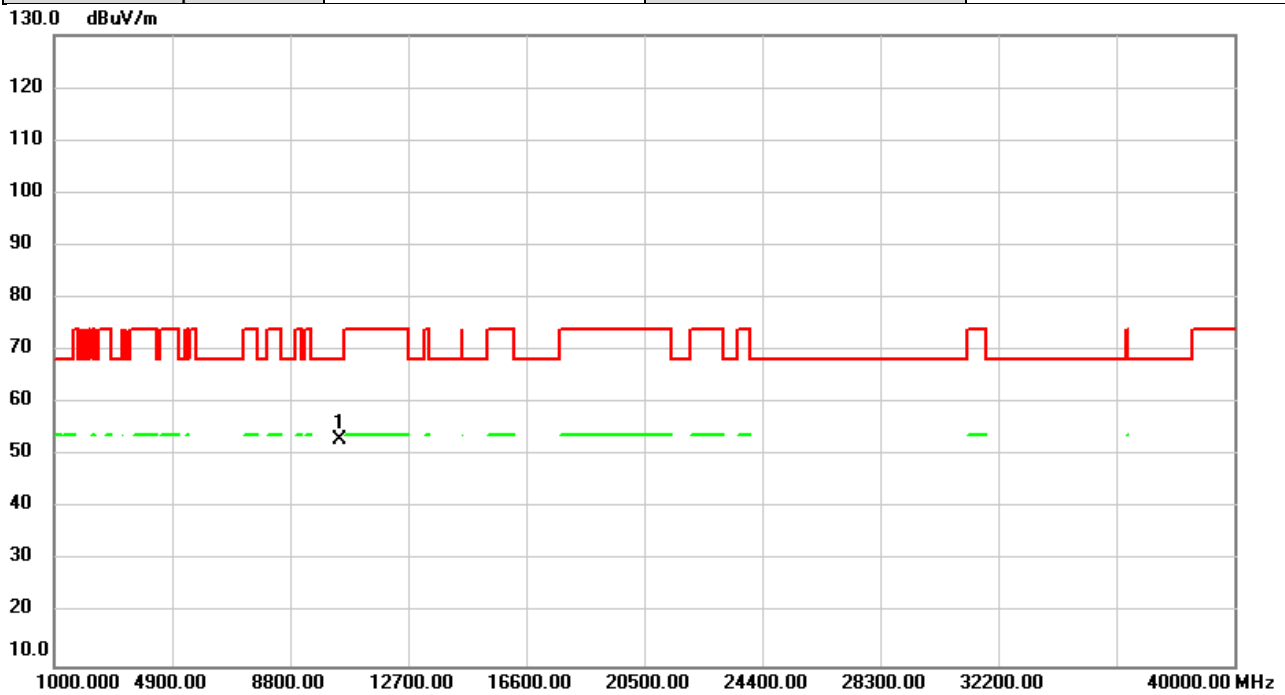


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	46.11	5.34	51.45	68.20	-16.75	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023-6-30
Test Frequency	5230MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%



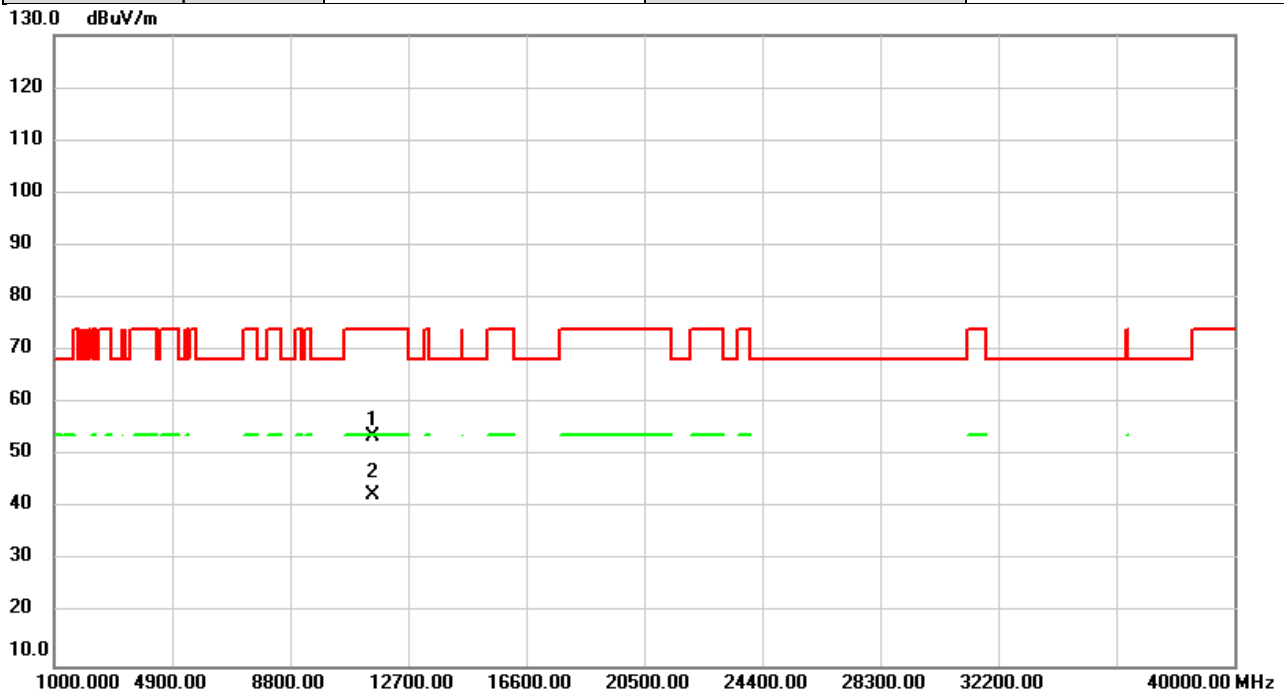
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	47.80	5.34	53.14	68.20	-15.06	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023-6-30
Test Frequency	5755MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

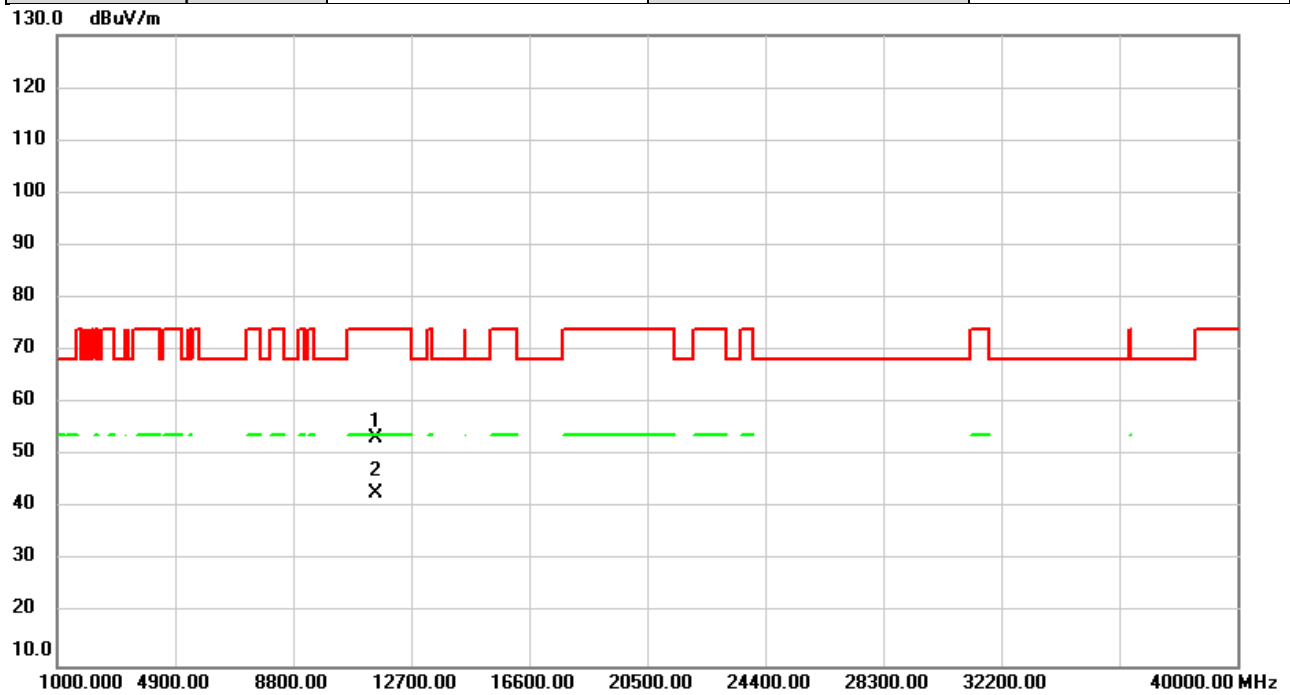


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11510.00	47.00	6.76	53.76	74.00	-20.24	peak	
2	*	11510.00	35.79	6.76	42.55	54.00	-11.45	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023-6-30
Test Frequency	5755MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

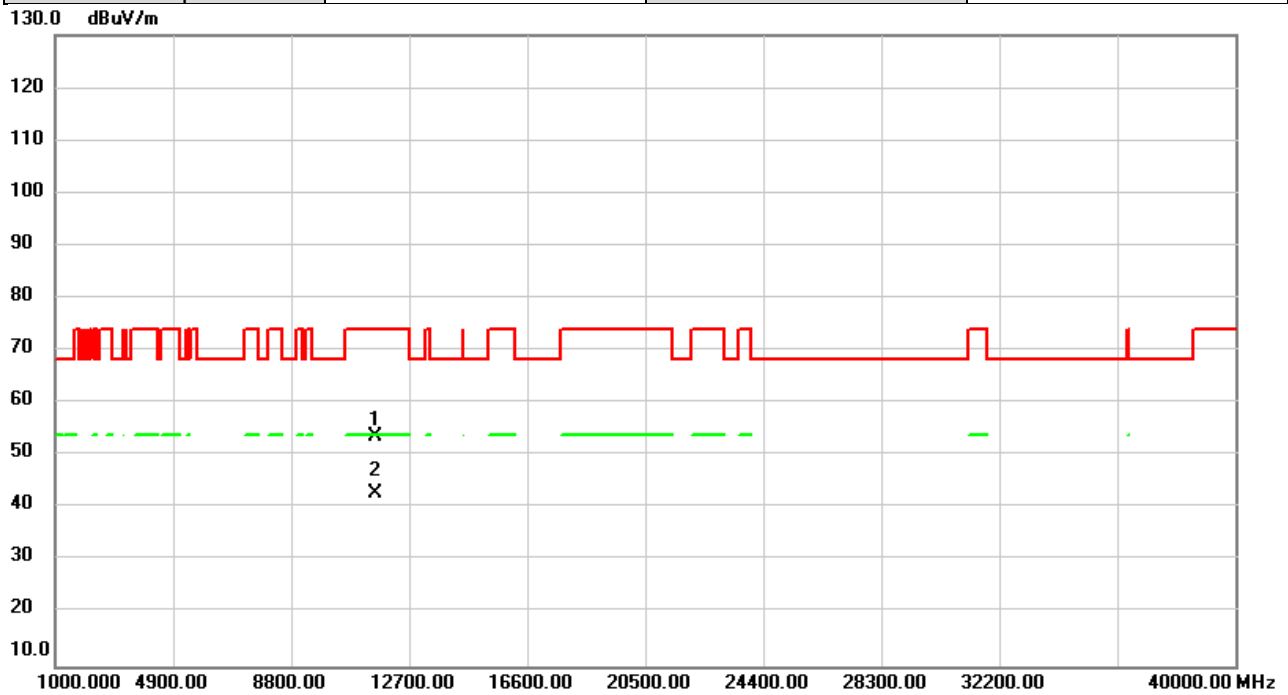


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11510.00	46.70	6.76	53.46	74.00	-20.54	peak	
2	*	11510.00	36.01	6.76	42.77	54.00	-11.23	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023-6-30
Test Frequency	5795MHz	Polarization	Vertical
Temp	26°C	Hum.	58%

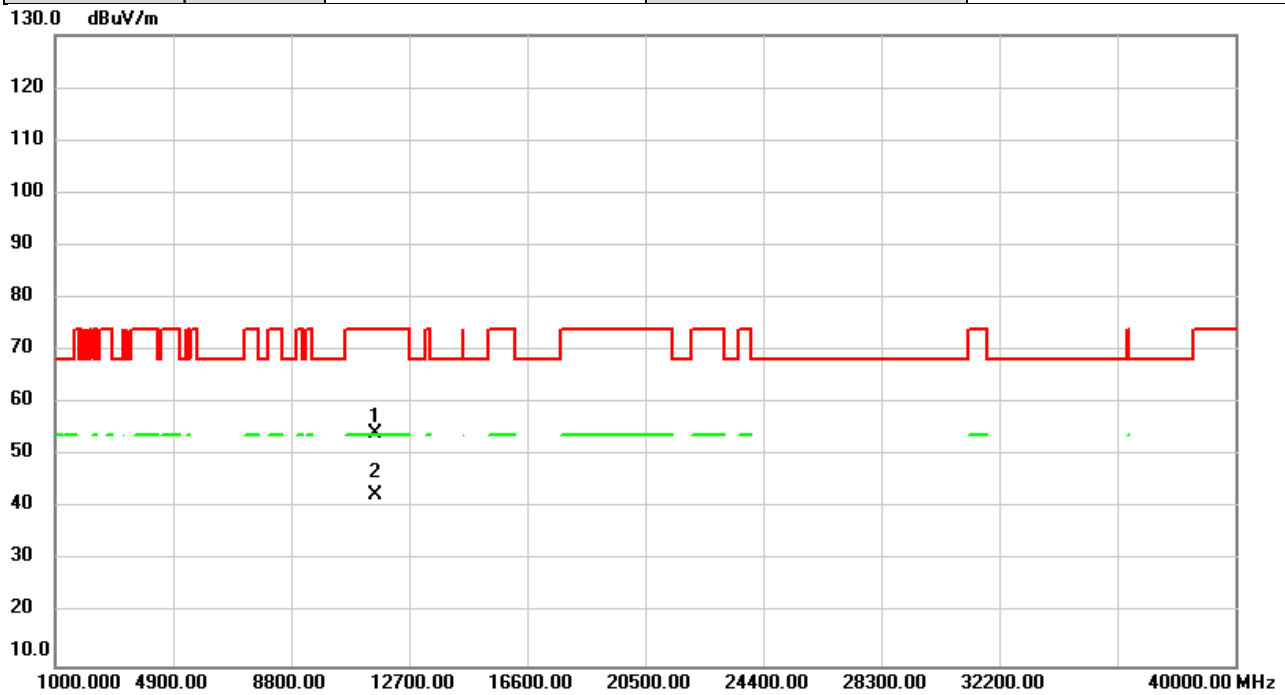


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11590.00	46.99	6.71	53.70	74.00	-20.30	peak	
2	*	11590.00	36.02	6.71	42.73	54.00	-11.27	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023-6-30
Test Frequency	5795MHz	Polarization	Horizontal
Temp	26°C	Hum.	58%

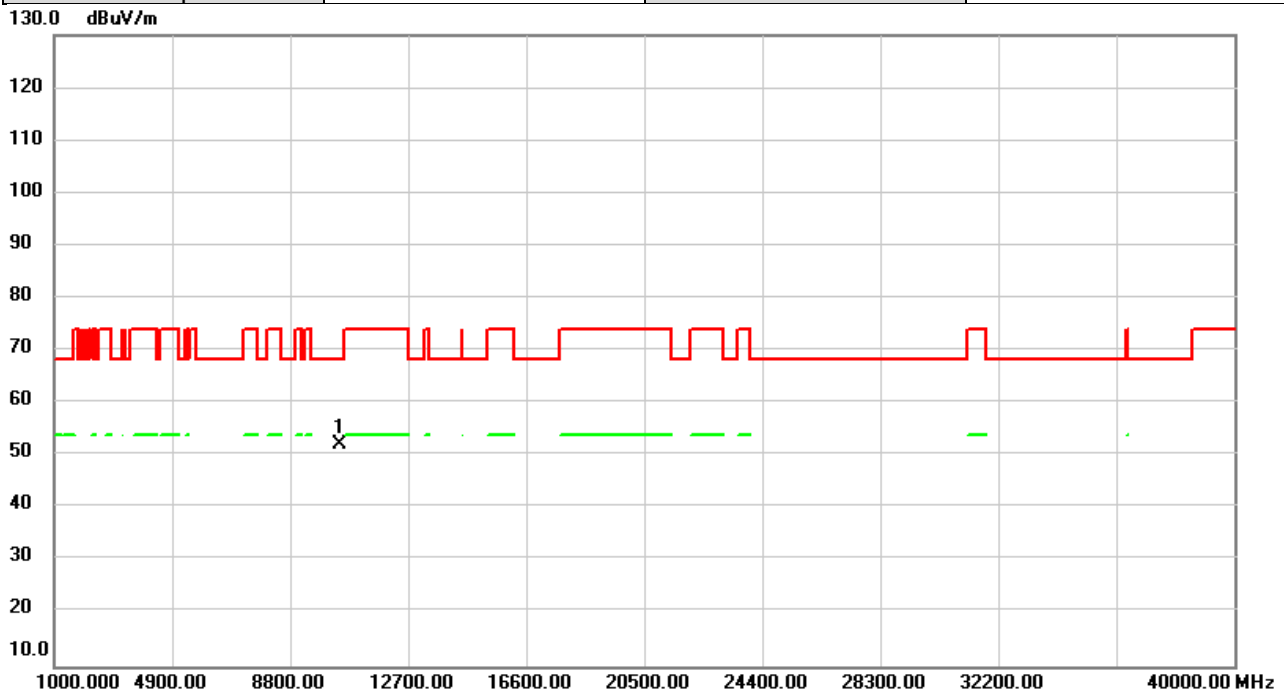


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11590.00	47.41	6.71	54.12	74.00	-19.88	peak	
2	*	11590.00	35.73	6.71	42.44	54.00	-11.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/26
Test Frequency	5210MHz	Polarization	Vertical
Temp	24°C	Hum.	58%



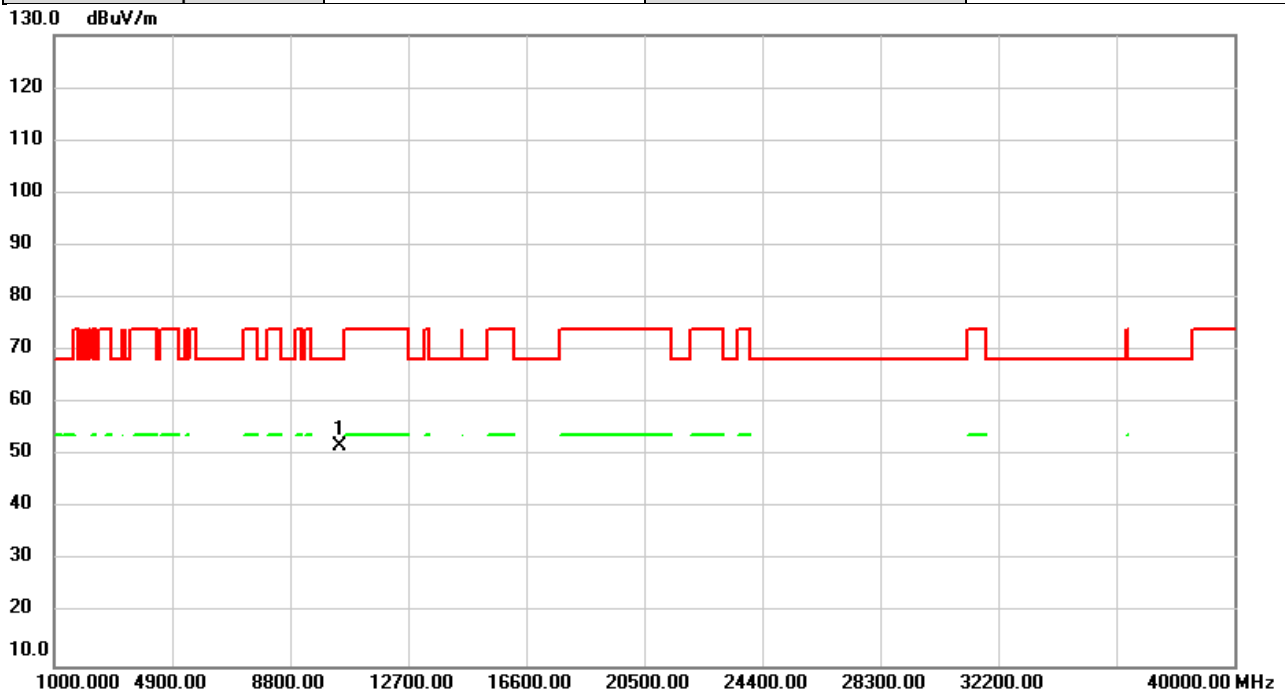
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	46.83	5.42	52.25	68.20	-15.95	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/26
Test Frequency	5210MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

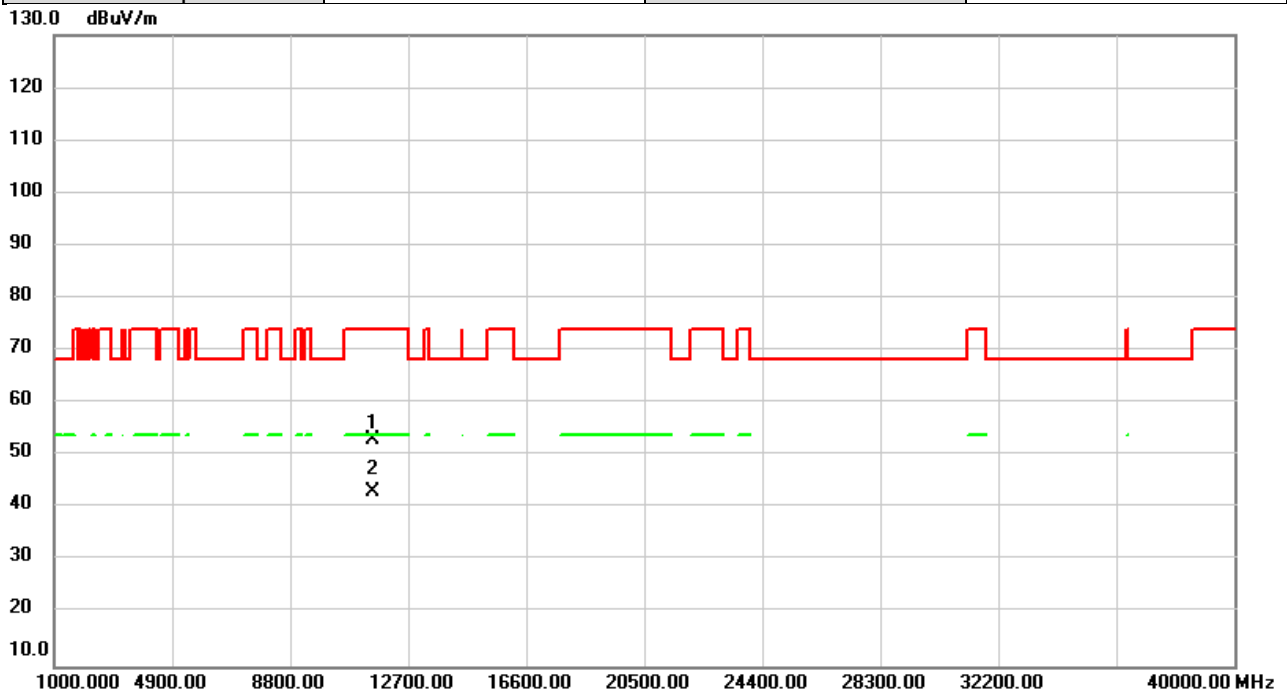


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	10420.00	46.53	5.42	51.95	68.20	-16.25	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/26
Test Frequency	5775MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

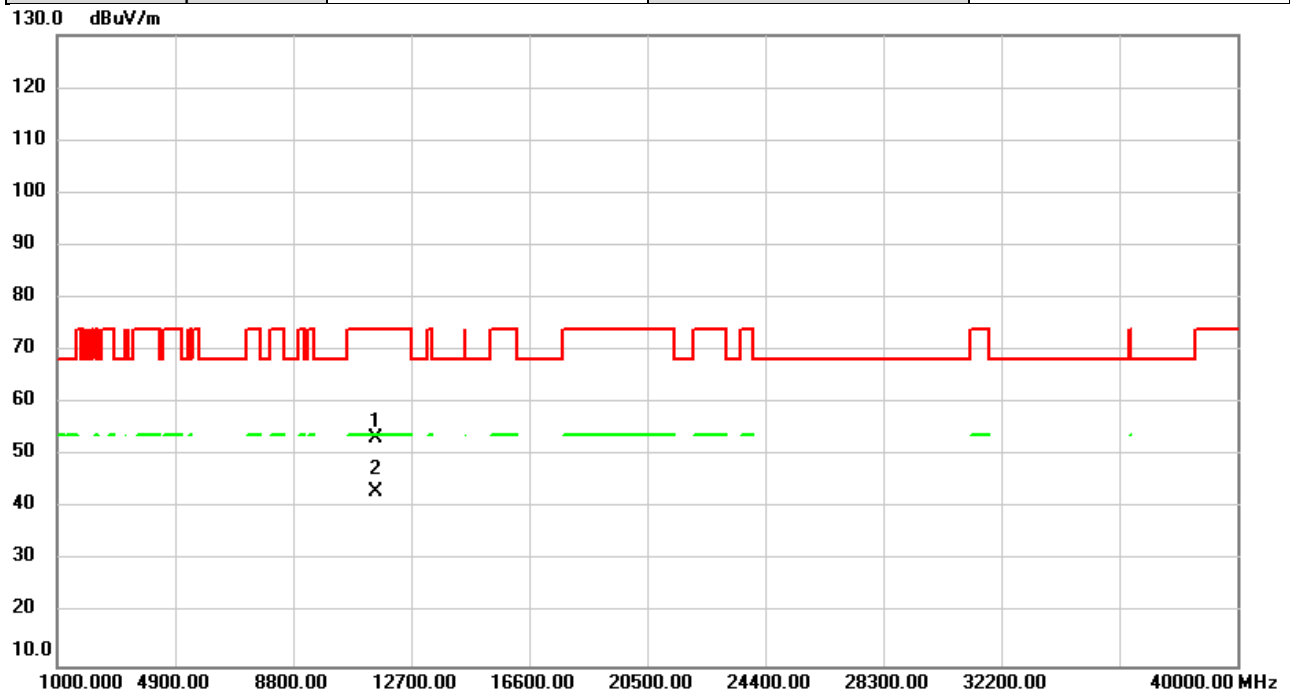


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11550.00	46.31	6.73	53.04	74.00	-20.96	peak	
2	*	11550.00	36.48	6.73	43.21	54.00	-10.79	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2023/6/26
Test Frequency	5775MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11550.00	46.57	6.73	53.30	74.00	-20.70	peak	
2	*	11550.00	36.41	6.73	43.14	54.00	-10.86	AVG	

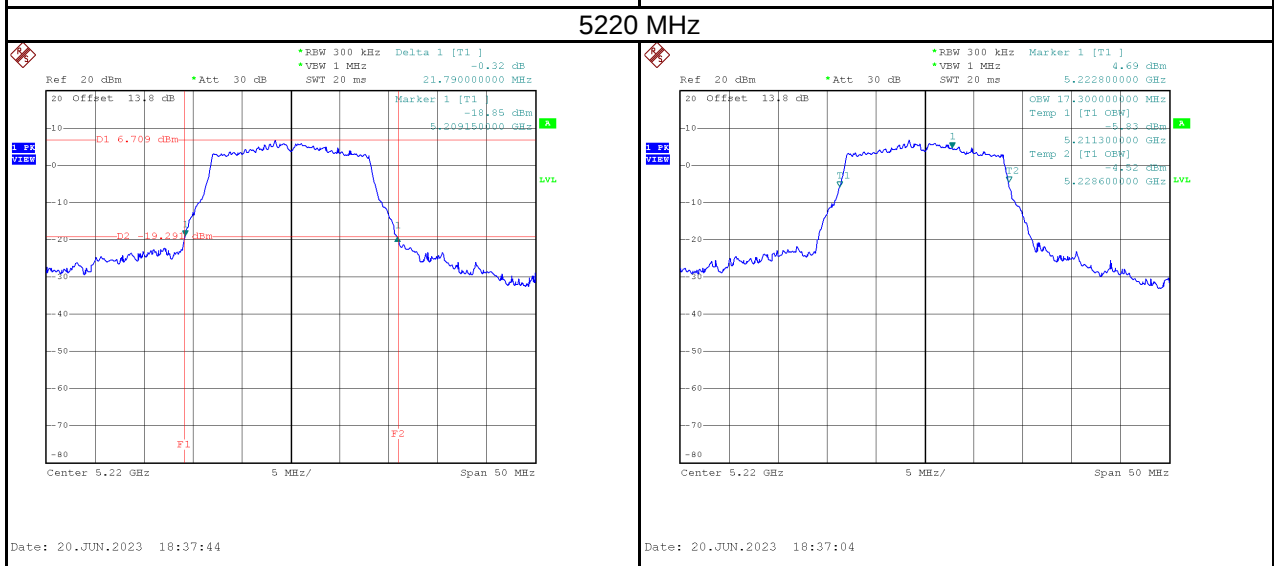
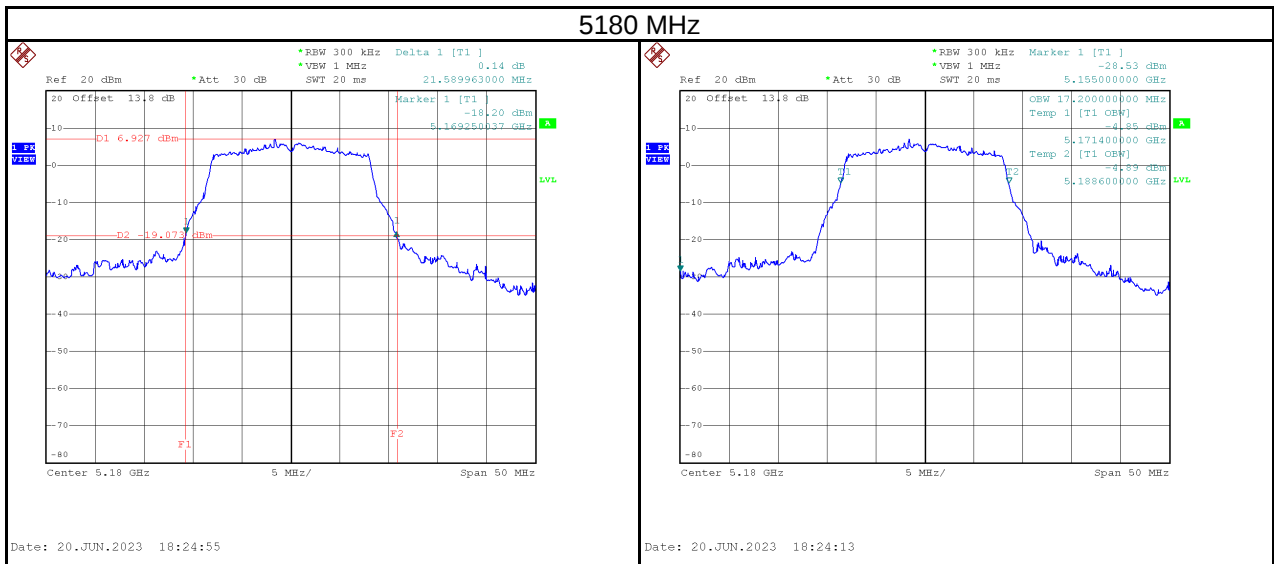
REMARKS:

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

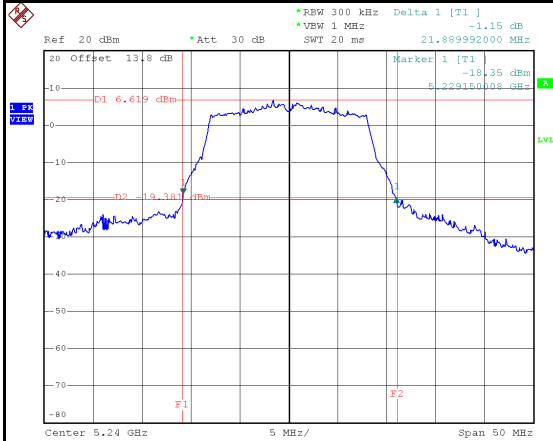
APPENDIX D BANDWIDTH

Test Mode	IEEE 802.11a
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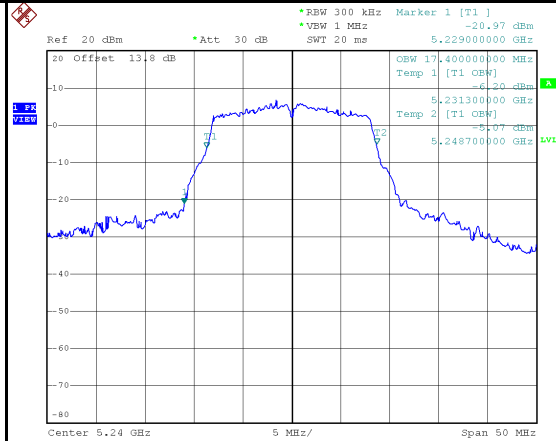
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5180	21.59	17.20	No limit
5220	21.79	17.30	No limit
5240	21.89	17.40	No limit



5240 MHz



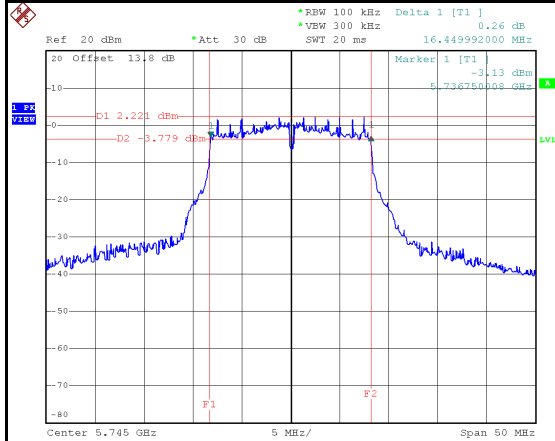
Date: 20.JUN.2023 18:41:01



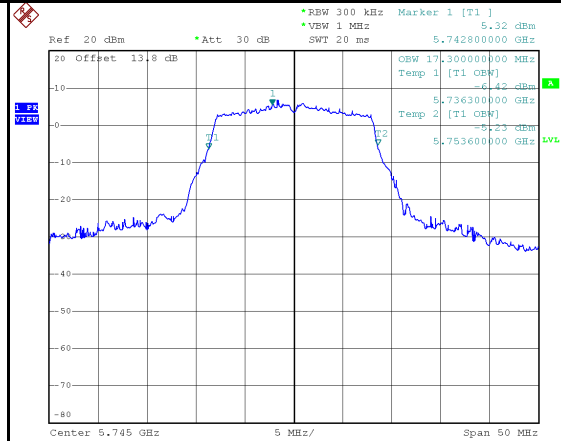
Date: 20.JUN.2023 18:40:19

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5745	16.45	17.30	500	Pass
5785	16.35	17.40	500	Pass
5825	16.45	17.30	500	Pass

5745 MHz

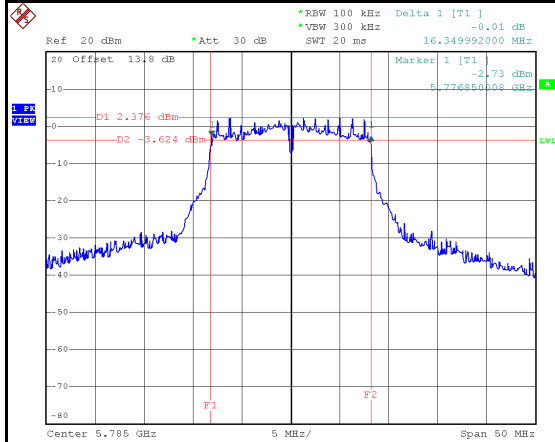


Date: 20.JUN.2023 10:58:53

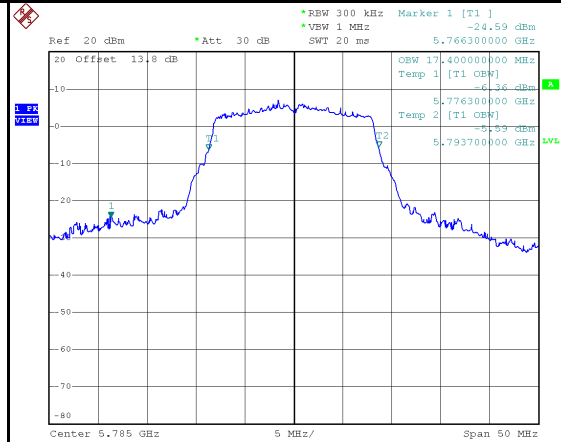


Date: 20.JUN.2023 10:58:07

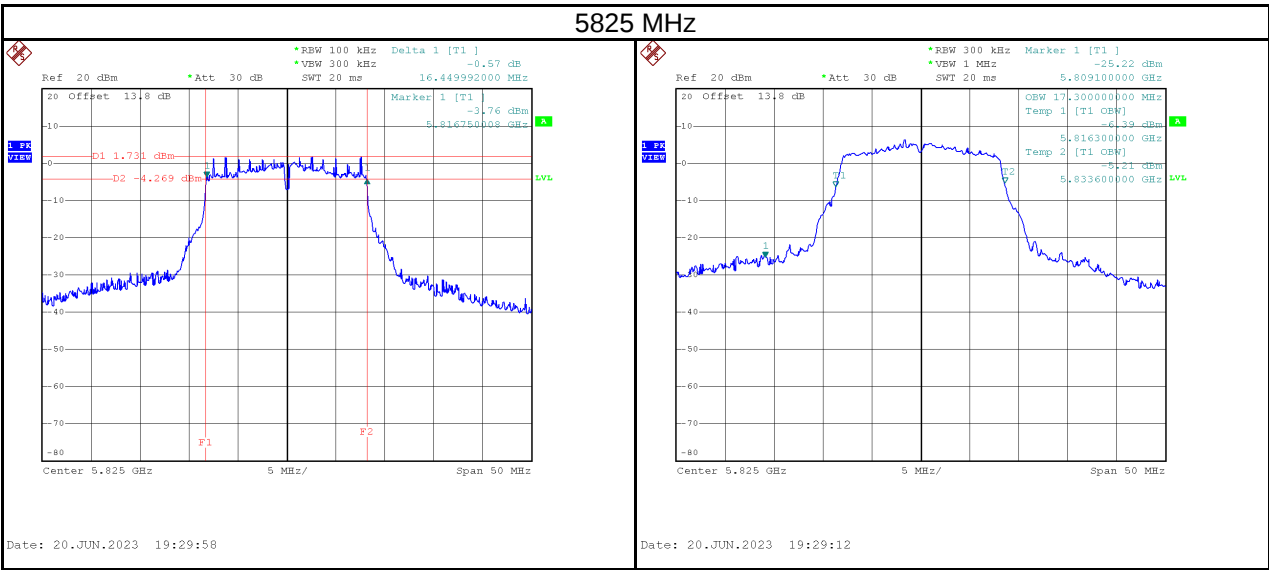
5785 MHz



Date: 20.JUN.2023 19:26:44

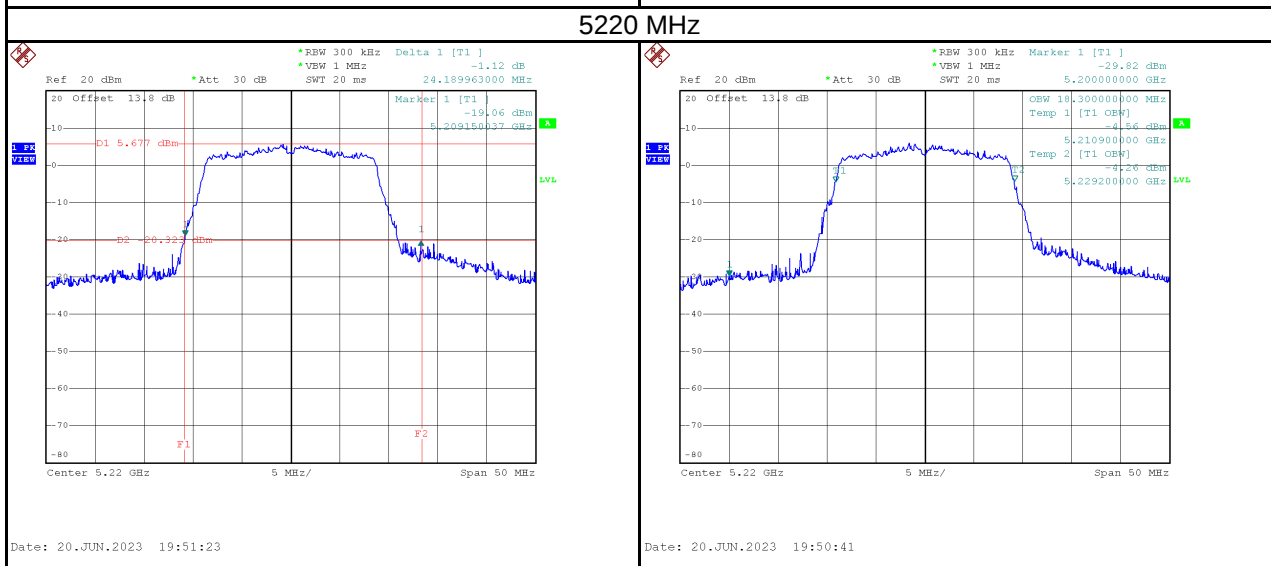
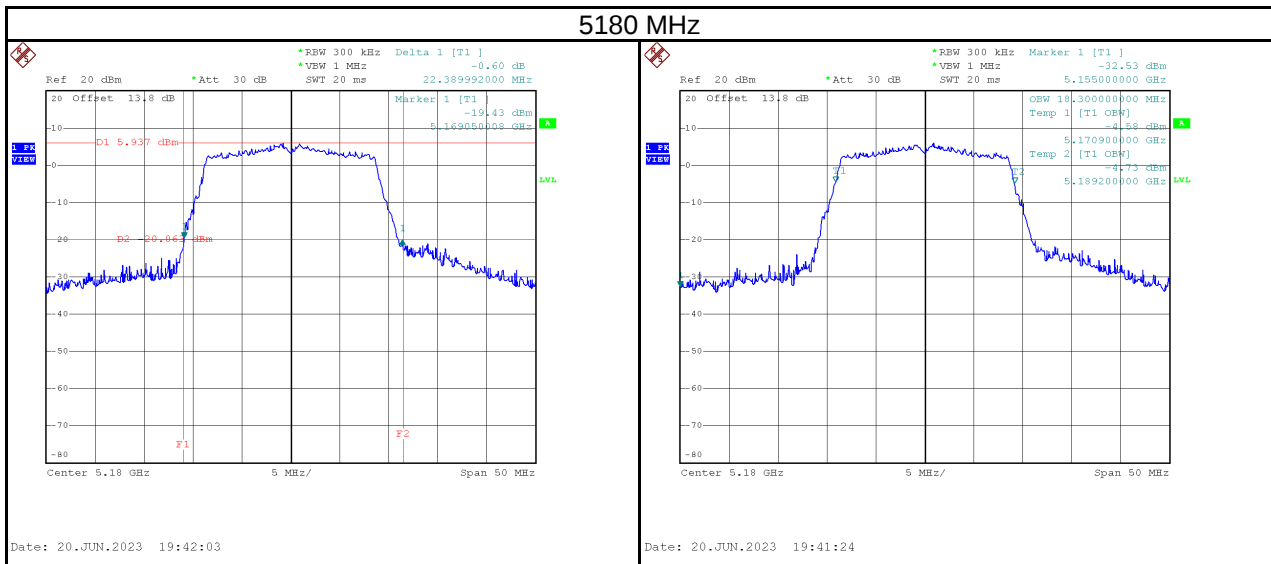


Date: 20.JUN.2023 19:25:56

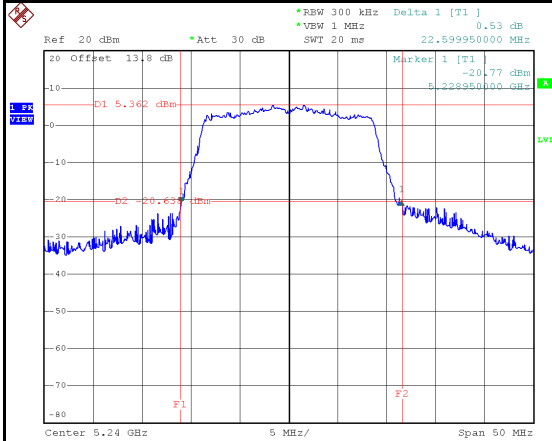


Test Mode	IEEE 802.11n (HT20)
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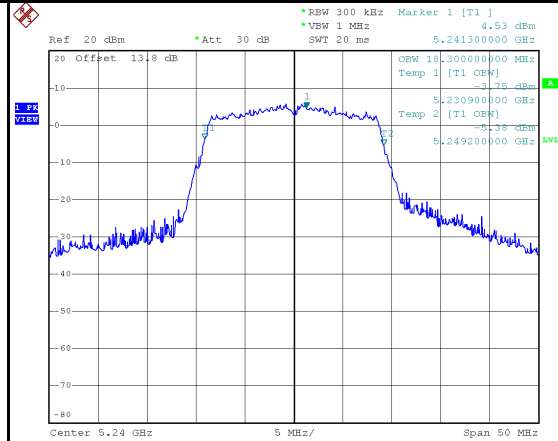
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5180	22.39	18.30	No limit
5220	24.19	18.30	No limit
5240	22.60	18.30	No limit



5240 MHz



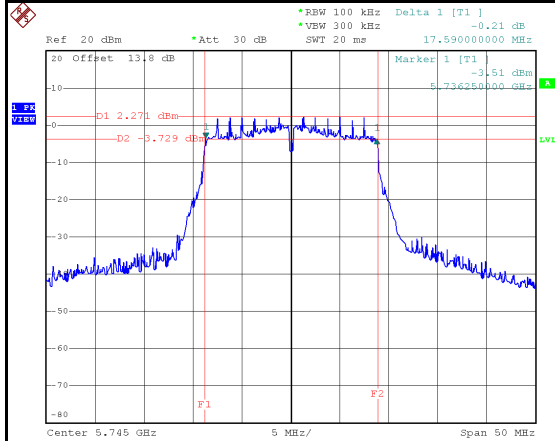
Date: 20.JUN.2023 19:57:34



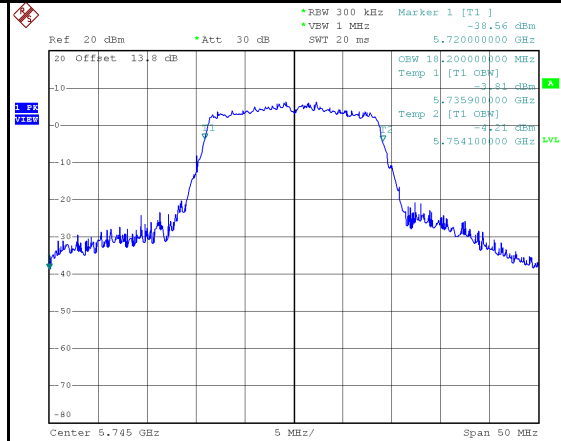
Date: 20.JUN.2023 19:56:58

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5745	17.59	18.20	500	Pass
5785	17.55	18.20	500	Pass
5825	17.55	18.20	500	Pass

5745 MHz

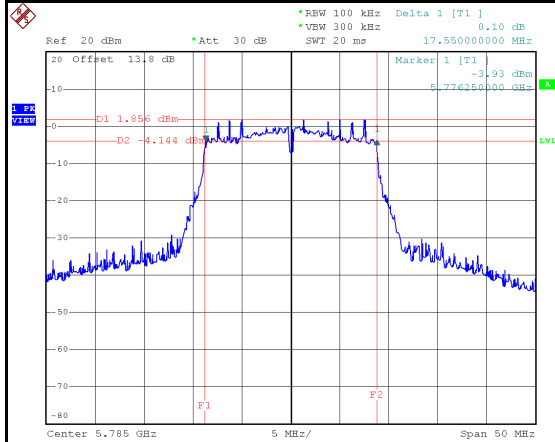


Date: 20.JUN.2023 20:02:32

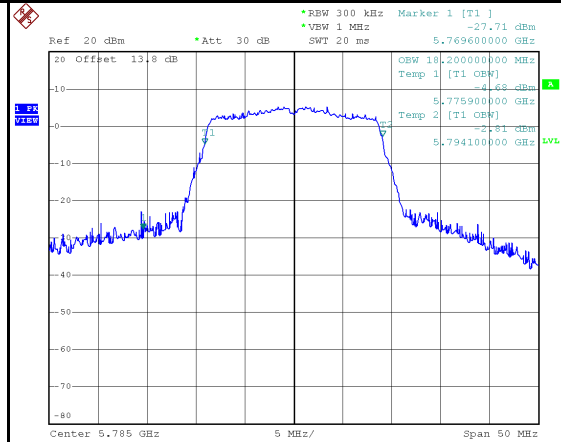


Date: 20.JUN.2023 20:01:50

5785 MHz

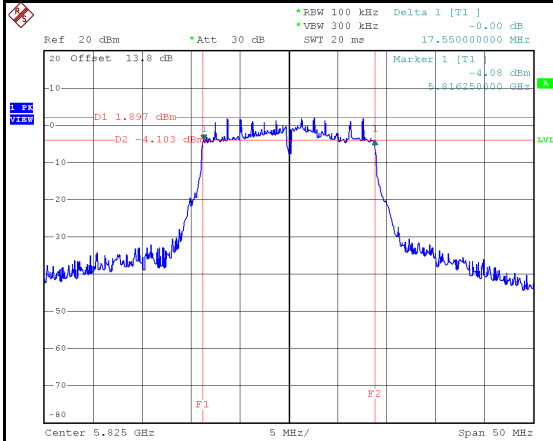


Date: 20.JUN.2023 20:05:20

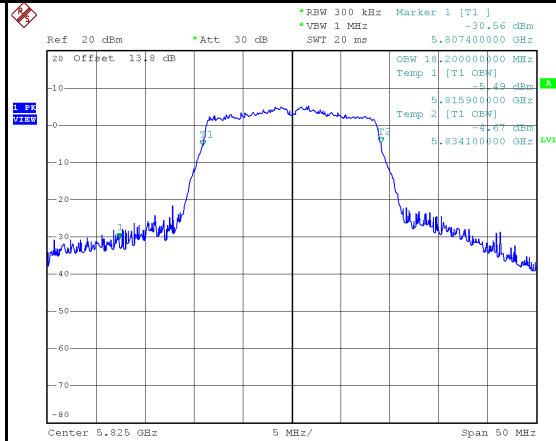


Date: 20.JUN.2023 20:04:38

5825 MHz



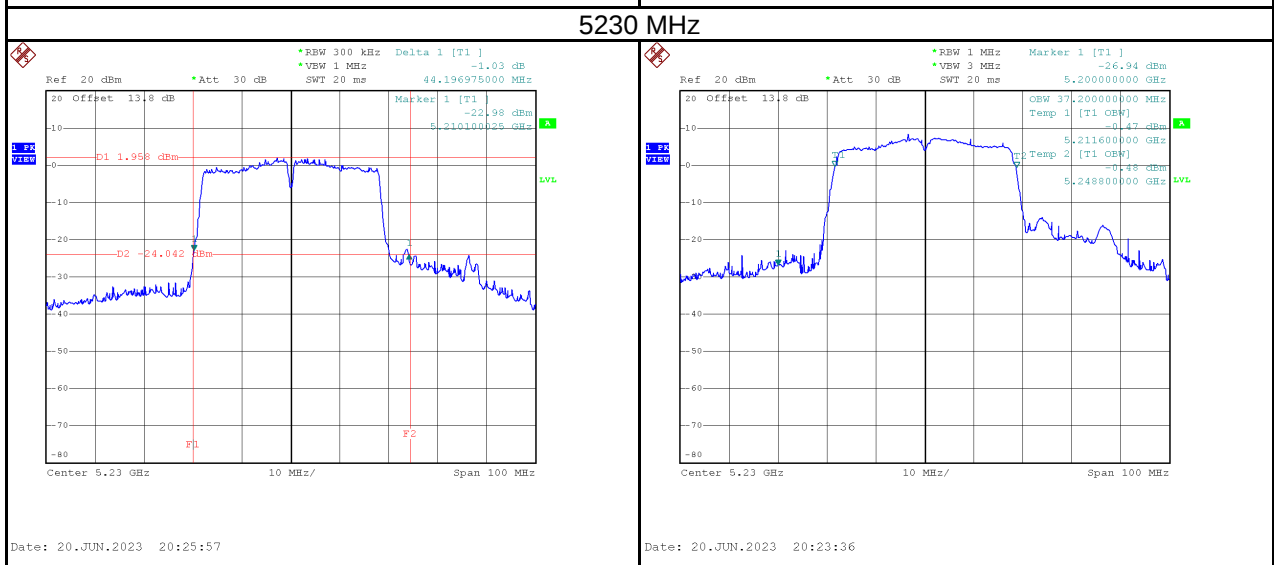
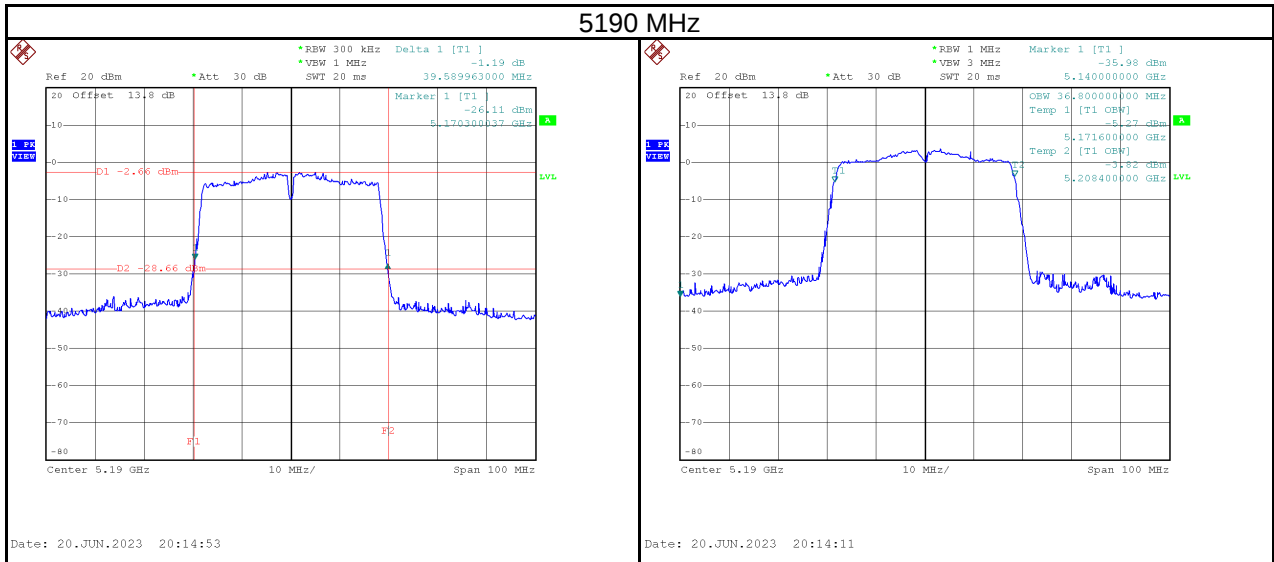
Date: 20.JUN.2023 20:07:37



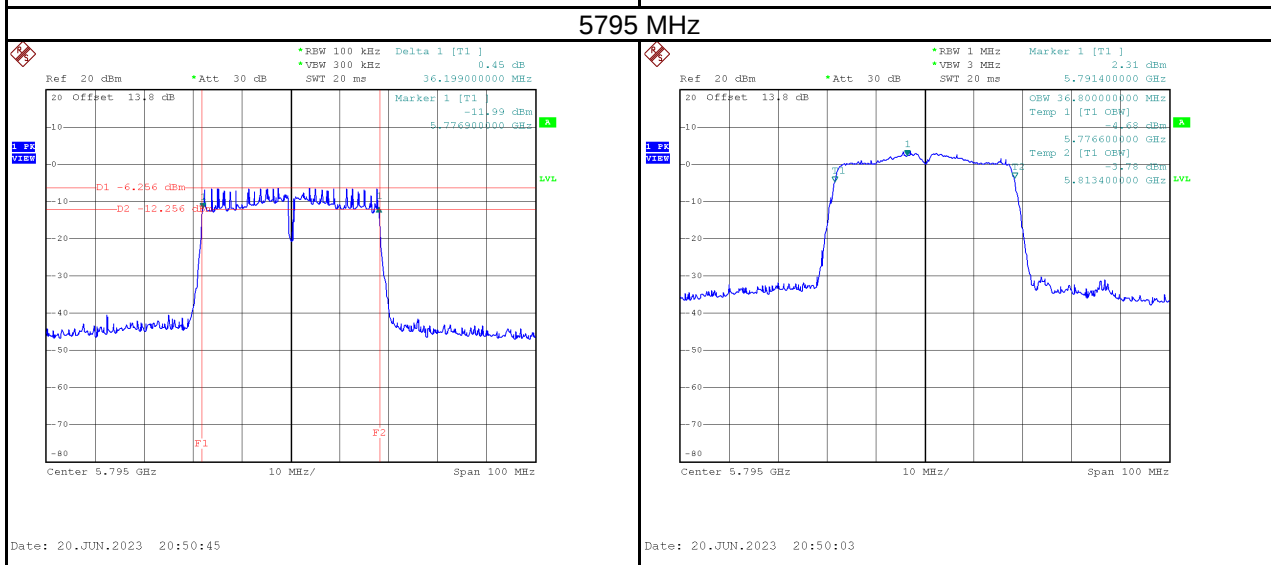
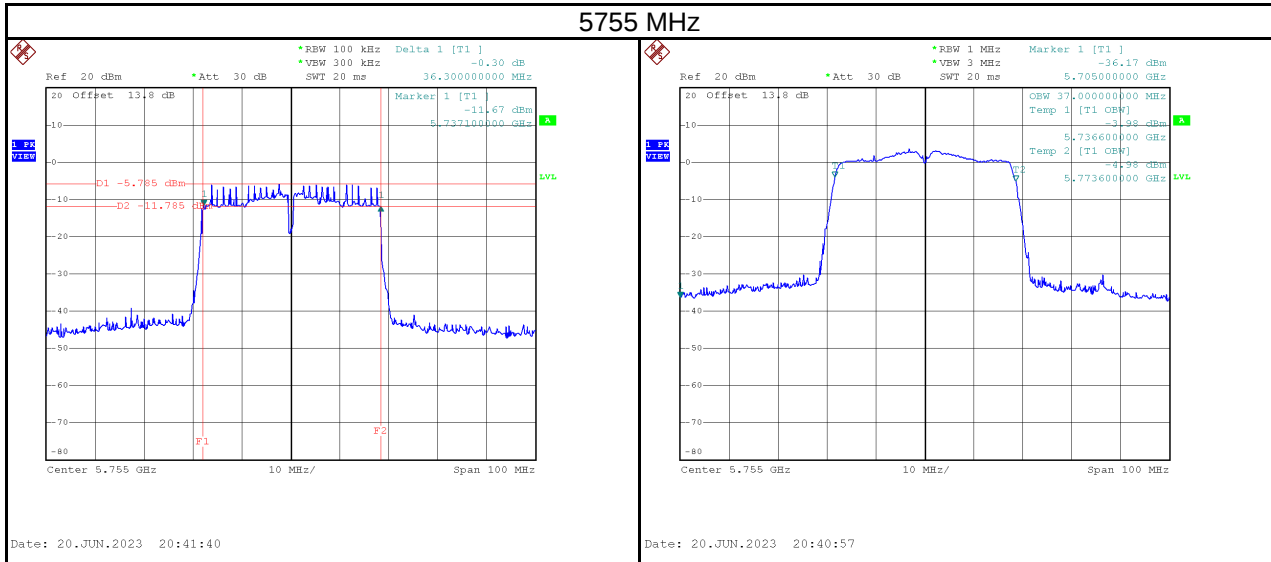
Date: 20.JUN.2023 20:06:55

Test Mode	IEEE 802.11n (HT40)
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Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5190	39.59	36.80	No limit
5230	44.20	37.20	No limit

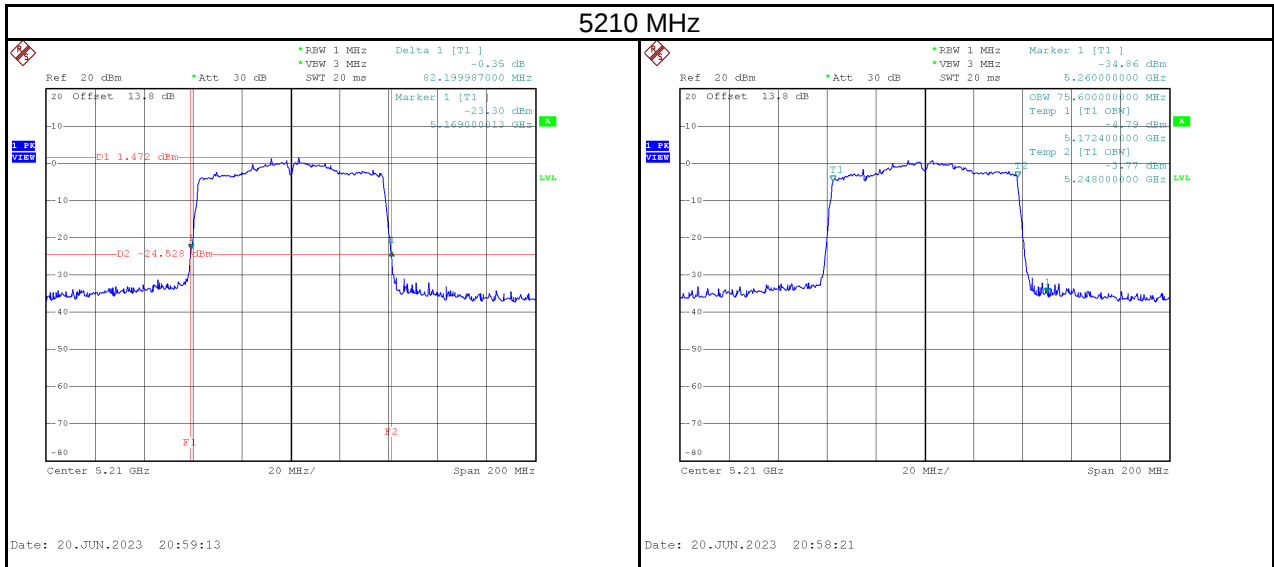


Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5755	36.30	37.00	500	Pass
5795	36.20	36.80	500	Pass

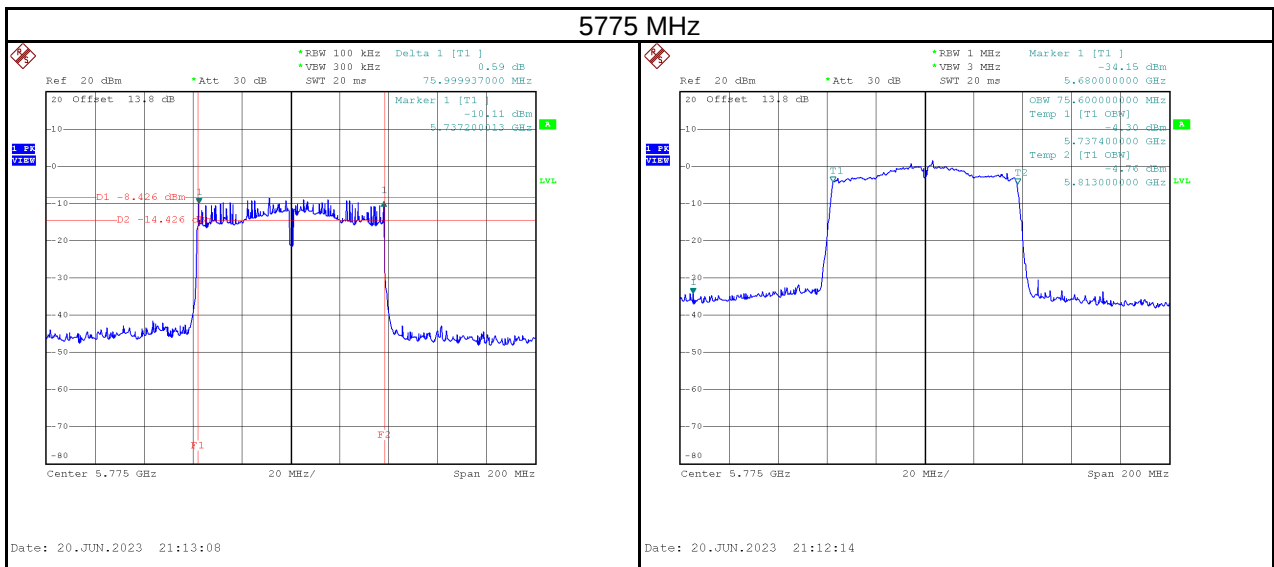


Test Mode	IEEE 802.11ac (VHT80)
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Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5210	82.20	75.60	No limit



Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5775	76.00	75.60	500	Pass



APPENDIX E CONDUCTED OUTPUT POWER

Test Mode	IEEE 802.11a	Tested Date	2023/6/21
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	15.08	0.0322	24.00	0.2512	Pass
5220	14.85	0.0305	24.00	0.2512	Pass
5240	14.87	0.0307	24.00	0.2512	Pass
5745	14.88	0.0308	30.00	1.0000	Pass
5785	14.93	0.0311	30.00	1.0000	Pass
5825	14.57	0.0286	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)	Tested Date	2023/6/21
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	14.57	0.0286	24.00	0.2512	Pass
5220	14.51	0.0282	24.00	0.2512	Pass
5240	14.49	0.0281	24.00	0.2512	Pass
5745	14.37	0.0274	30.00	1.0000	Pass
5785	14.47	0.0280	30.00	1.0000	Pass
5825	13.86	0.0243	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)	Tested Date	2023/6/21
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5190	9.22	0.0084	24.00	0.2512	Pass
5230	13.56	0.0227	24.00	0.2512	Pass
5755	9.24	0.0084	30.00	1.0000	Pass
5795	9.09	0.0081	30.00	1.0000	Pass

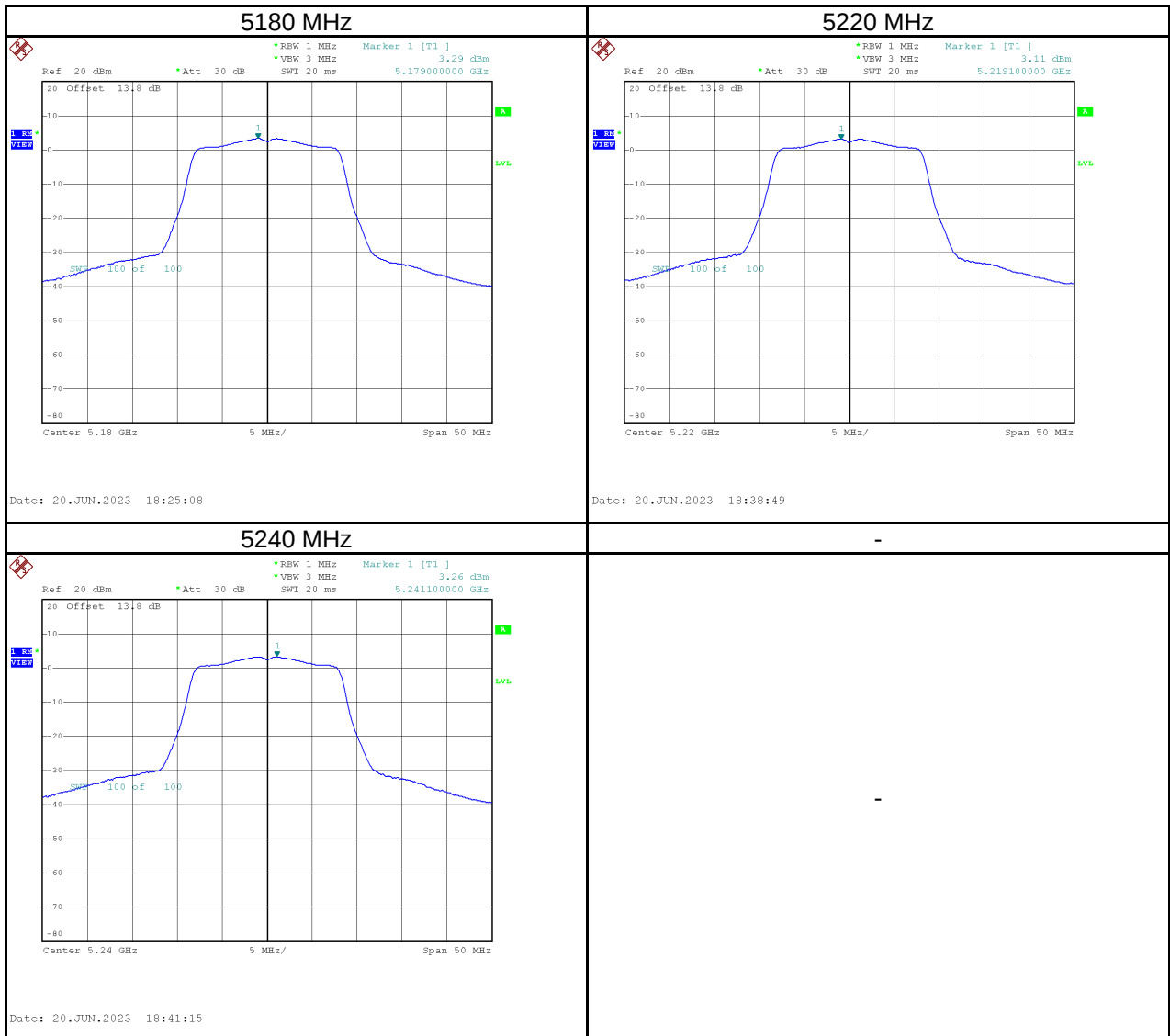
Test Mode	IEEE 802.11ac (VHT80)	Tested Date	2023/6/21
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5210	9.42	0.0087	24.00	0.2512	Pass
5775	9.26	0.0084	30.00	1.0000	Pass

APPENDIX F POWER SPECTRAL DENSITY

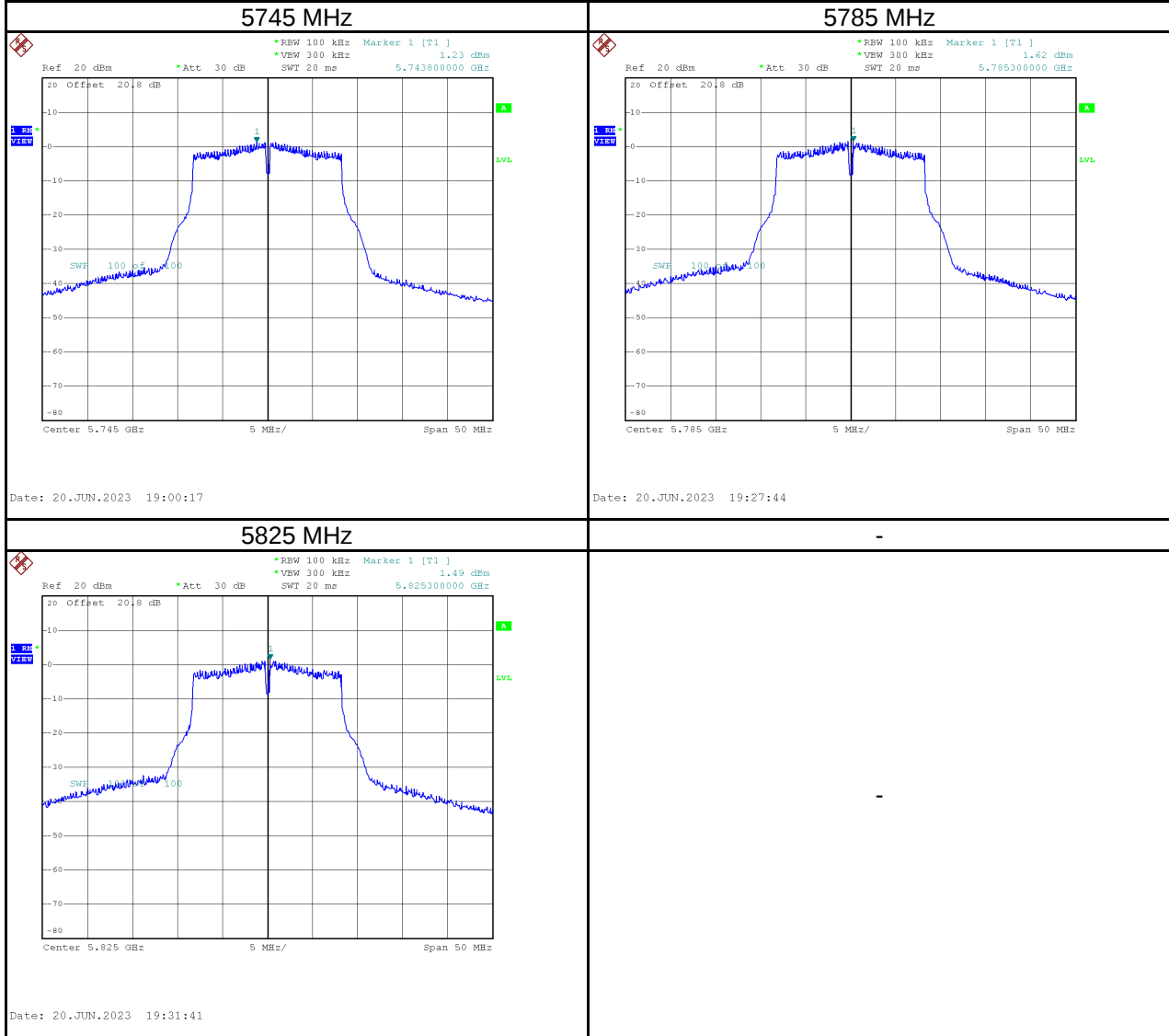
Test Mode	IEEE 802.11a
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Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5180	3.29	0.12	3.41	17.00	Pass
5220	3.11	0.12	3.23	17.00	Pass
5240	3.26	0.12	3.38	17.00	Pass



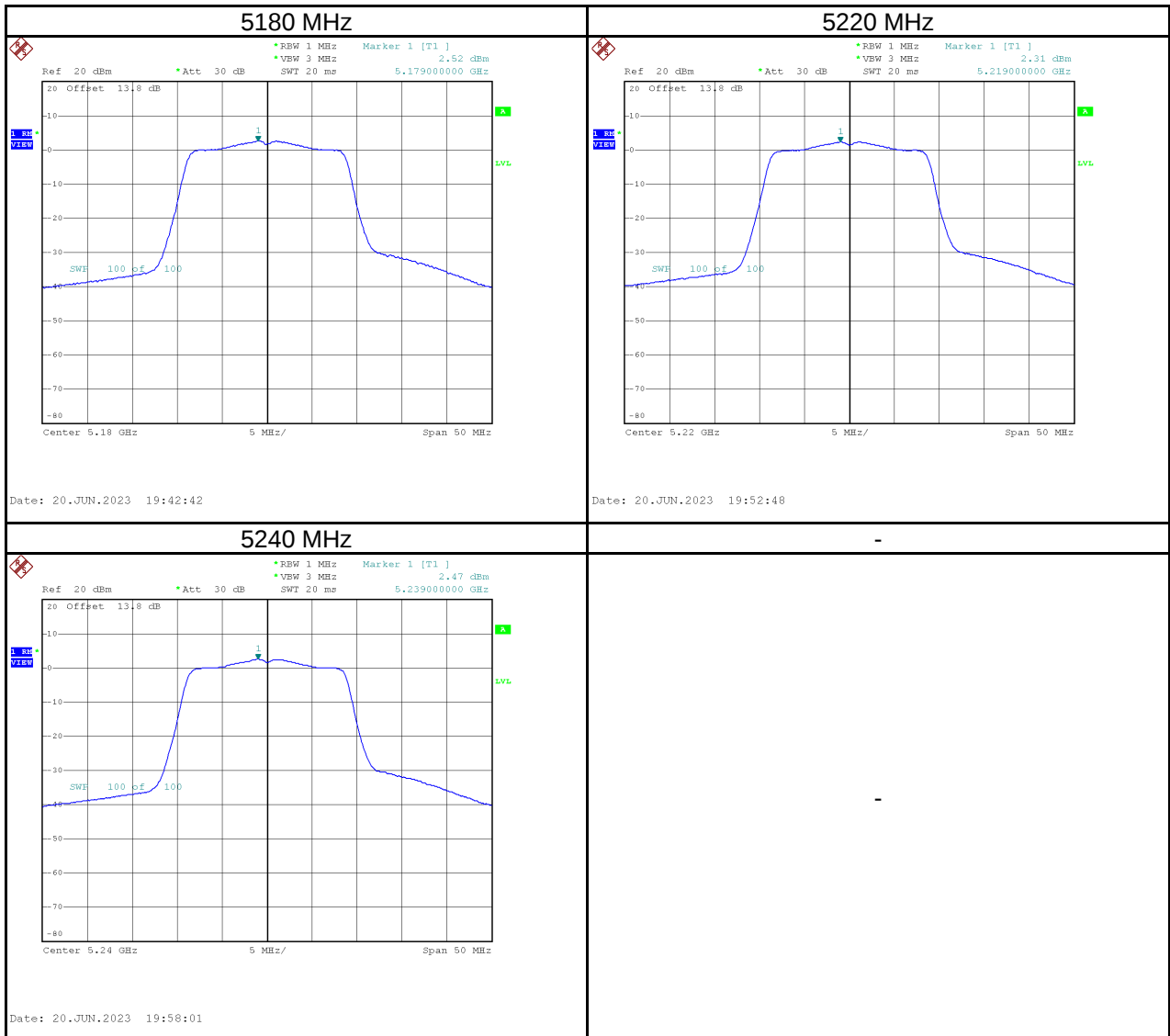
Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	1.23	8.22	0.12	8.34	30.00	Pass
5785	1.62	8.61	0.12	8.73	30.00	Pass
5825	1.49	8.48	0.12	8.60	30.00	Pass

NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log_{10}(500\text{ kHz} / 100\text{ kHz})$



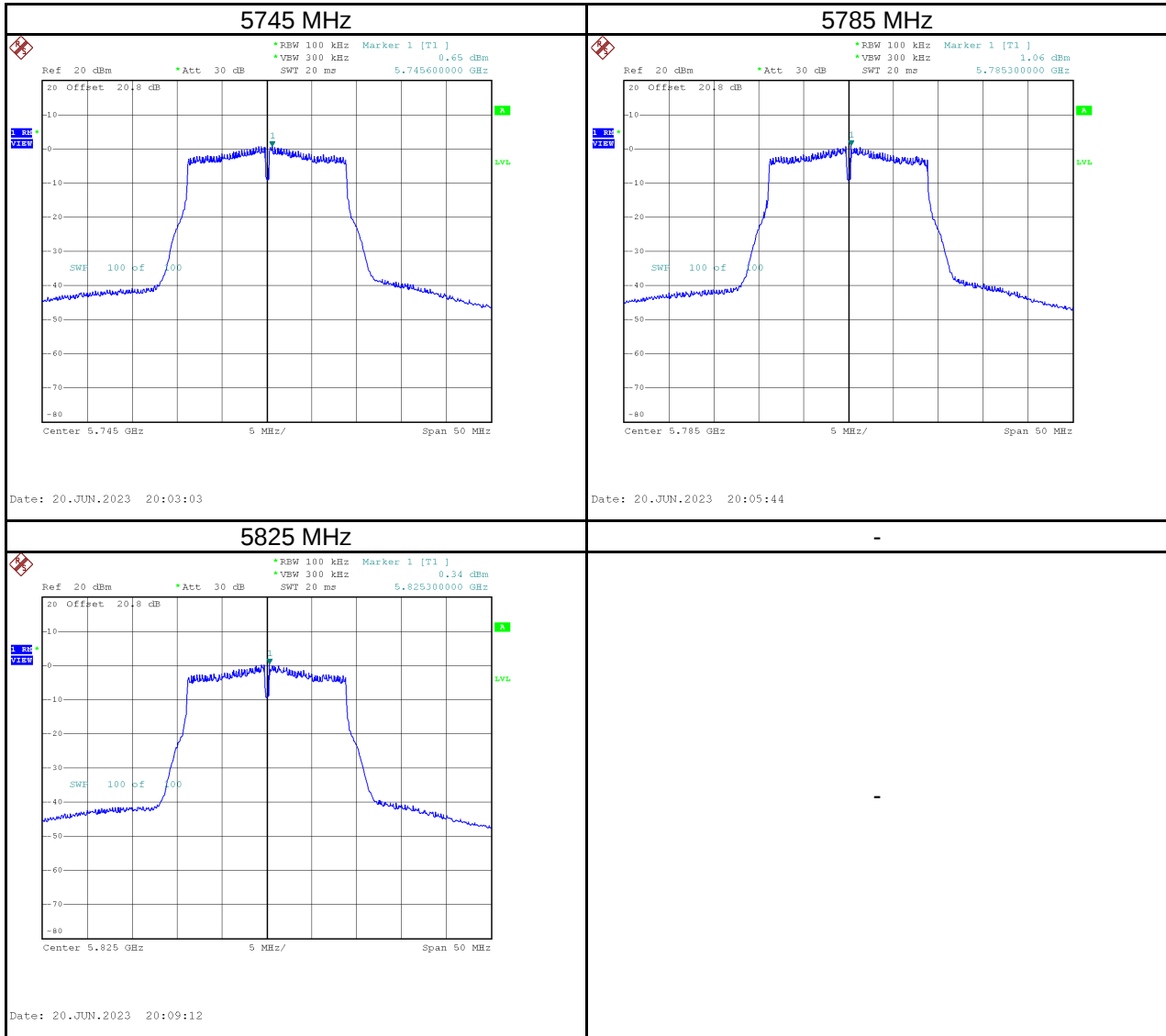
Test Mode	IEEE 802.11n (HT20)
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Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5180	2.52	0.16	2.68	17.00	Pass
5220	2.31	0.16	2.47	17.00	Pass
5240	2.47	0.16	2.63	17.00	Pass



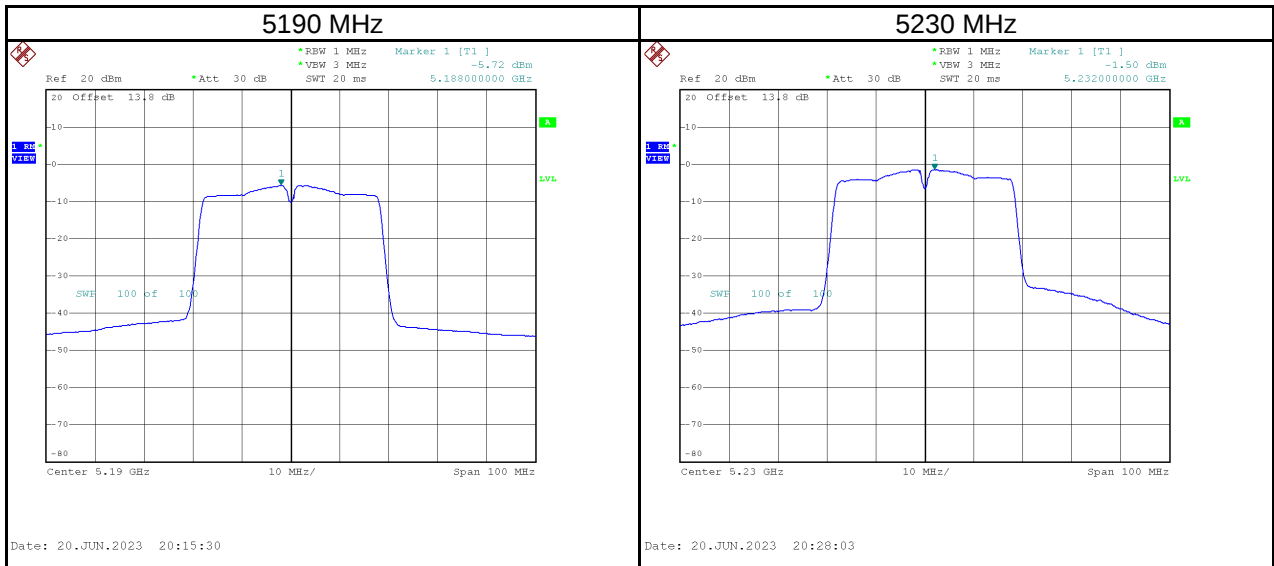
Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	0.65	7.64	0.16	7.80	30.00	Pass
5785	1.06	8.05	0.16	8.21	30.00	Pass
5825	0.34	7.33	0.16	7.49	30.00	Pass

NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log_{10}(500\text{ kHz} / 100\text{ kHz})$



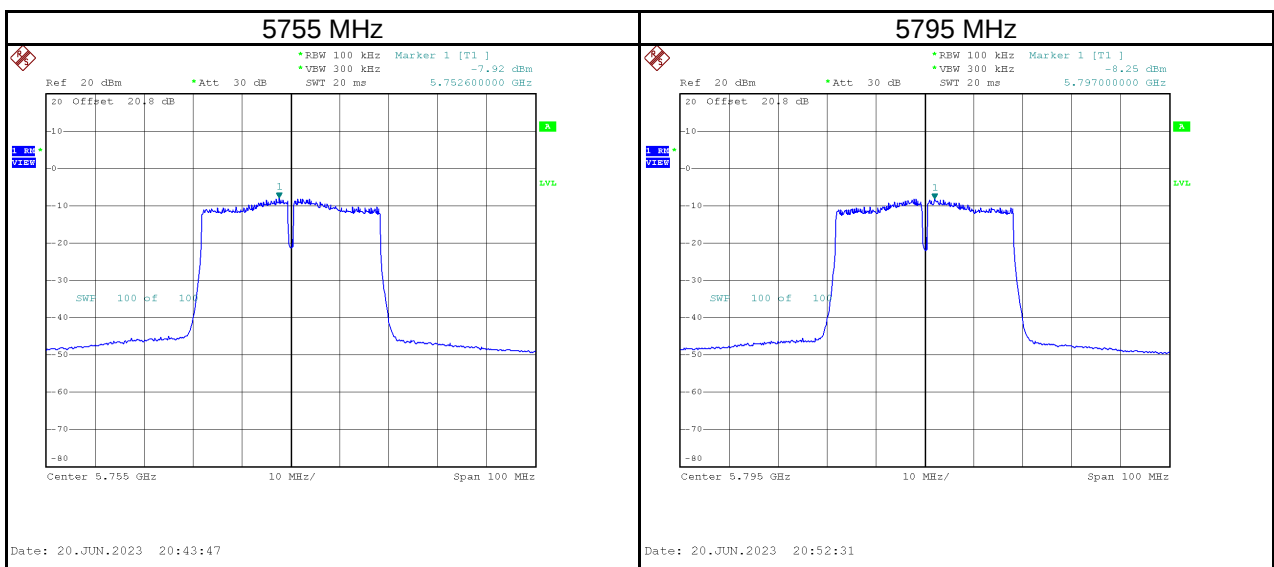
Test Mode	IEEE 802.11n (HT40)
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Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5190	-5.72	0.36	-5.36	17.00	Pass
5230	-1.50	0.36	-1.14	17.00	Pass



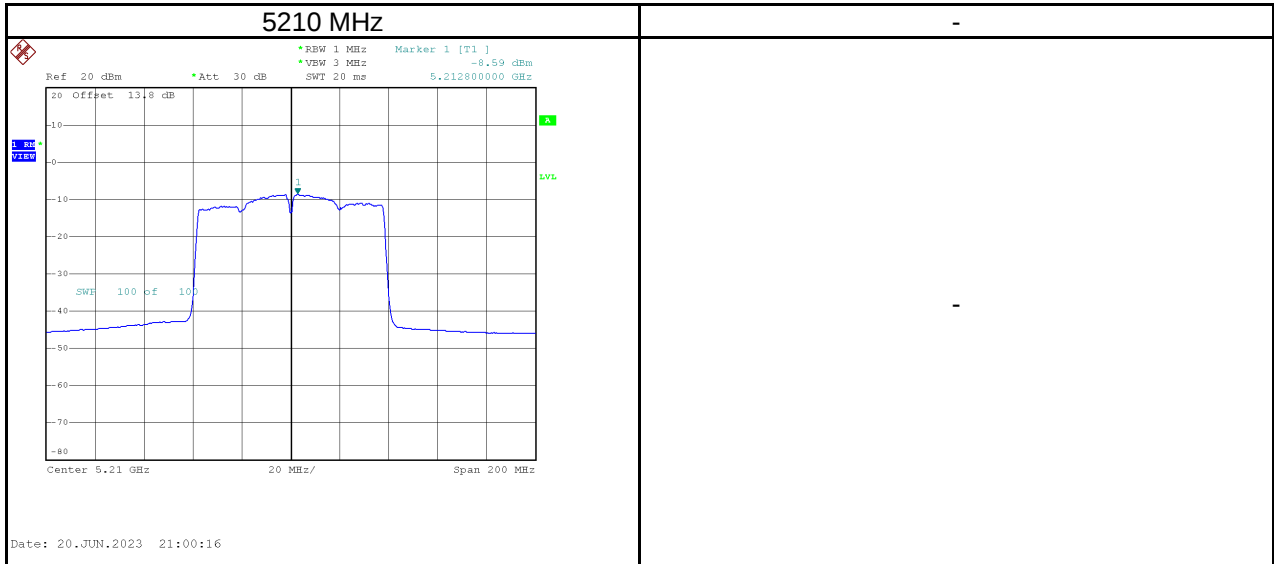
Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5755	-7.92	-0.93	0.36	-0.57	30.00	Pass
5795	-8.25	-1.26	0.36	-0.90	30.00	Pass

NOTE: PSD_{dBm/500 kHz} = PSD_{dBm/100kHz} + 10 x log₁₀(500 KHz / 100 kHz)



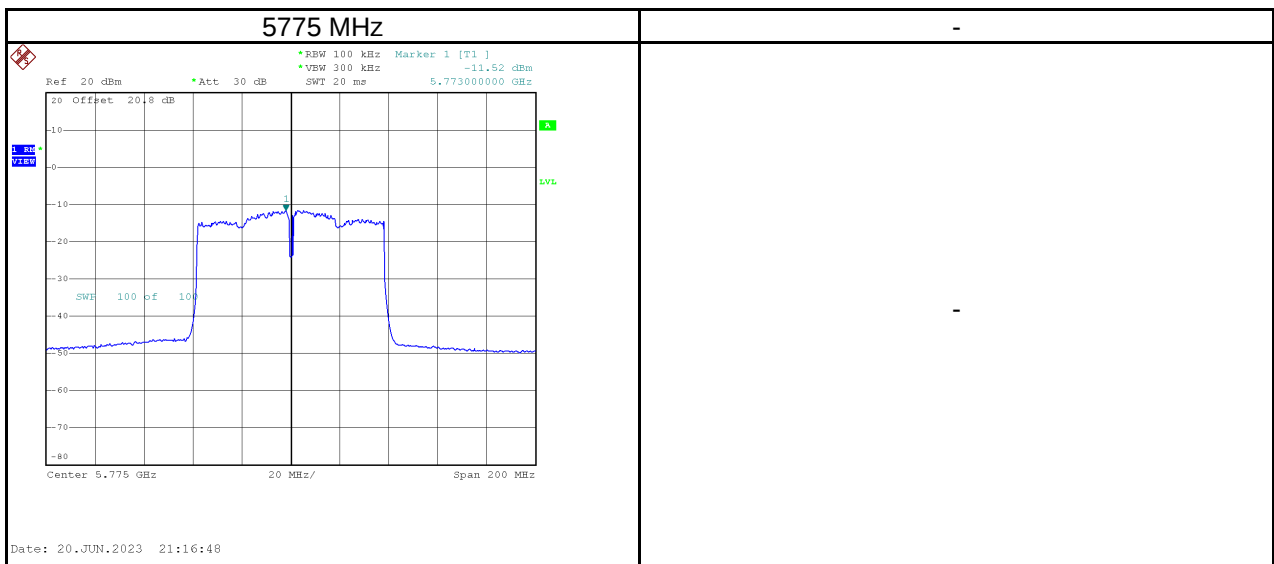
Test Mode	IEEE 802.11ac (VHT80)
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Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5210	-8.59	0.79	-7.80	17.00	Pass



Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5775	-11.52	-4.53	0.79	-3.74	30.00	Pass

NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log_{10}(500\text{ kHz} / 100\text{ kHz})$



End of Test Report