

47 CFR PART 15 SUBPART C TEST REPORT

for

Handheld Microphone

Model No.: UF-21B

FCC ID: JEBUF-21B

of

Applicant: MASCOT ELECTRIC CO., LTD

Address: No.85, Changxing 1st St., Rende Dist., Tainan City 71741,
Taiwan (R.O.C.)

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1477, TW1072

Industry Canada filed test laboratory Reg. No.: 20037, 5107A



Report No.: W6M22108-21180-C-1

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: wts@wts-lab.com

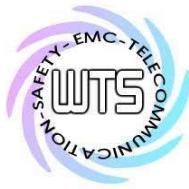


Worldwide Testing Services(Taiwan) Co., Ltd.

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1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems.

The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.
4. Antenna gain is provided by applicant and laboratory issue relevant data and results.

Tester:

October 04, 2022

Kent Lin

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

October 04, 2022

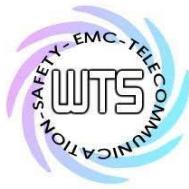
Kevin Wang

Date

WTS

Name

Signature



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1.2 Testing laboratory

1.2.1 Location

10m OATS

No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,
New Taipei City 207, Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No.35, Aly. 21, Ln. 228, Ankang Rd., Neihu Dist.,
Taipei City 114, Taiwan (R.O.C.)
Tel: 886-2-6613-0228

Worldwide Testing Services (Taiwan) Co., Ltd.

6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,
Taipei City 114 , Taiwan (R.O.C.)
Tel: 886-2-6606-8877

1.2.2 Details of accreditation status

Accredited testing laboratory

FCC filed test laboratory Reg. No.: TW1477, TW1072

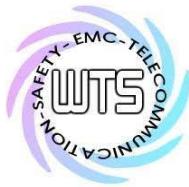
Industry Canada filed test laboratory Reg. No.: 20037, 5107A

Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd. :

Name: ./.
Accredited number: ./.
Street: ./.
Town: ./.
Country: ./.

1.3 Details of approval holder

Name: MASCOT ELECTRIC CO., LTD
Street: No.85, Changxing 1st St., Rende Dist.,
Town: Tainan City 71741,
Country: Taiwan (R.O.C.)



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1.4 Application details

Date of receipt of test sample: September 08, 2021

Date of test: from September 09, 2021 to September 20, 2022

1.5 General information of Test item

Type of test item: Handheld Microphone

Model number: UF-21B

Brand name: MASCOT

Multi-listing model number: ./.

Sample no.: #01

Technical data

Frequency band: 510-608 MHz, 614-616 MHz, 657-663 MHz

Frequency: 510.125 MHz

Frequency: 559 MHz

Frequency: 607.875 MHz

Frequency: 614.125 MHz

Frequency: 615.875 MHz

Frequency: 657.125 MHz

Frequency: 662.875 MHz

Antenna type: PCB antenna

Antenna gain: 1.60 dBi

Power supply: Battery 1.5Vd.c.*2

Operation modes: Simplex

Manufacturer: (if applicable)

Name: ./.

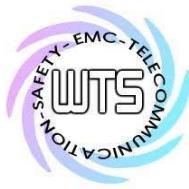
Street: ./.

Town: ./.

Country: ./.

1.6 Test standards

Technical standard: 47 CFR PART 15 SUBPART C § 15.236 (2020-10)



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2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.

or

The deviations were ascertained in the course of the tests performed.

2.2 Test environment

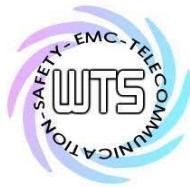
Relative humidity content: 20 ... 75 %

Air pressure: 86-103 KPa

Power supply: Battery 1.5Vd.c.*2

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Line Conducted Emission)	Expanded Uncertainty : AMN : 1.03 dB Voltage probe : 1.05 dB
Estimation Result of Uncertainty of Bandwidth Measurement (Occupied Bandwidth, Emission Mask)	Expanded Uncertainty : 0.45 kHz
Estimation Result of Uncertainty of Frequency Drift Measurement (Frequency Stability, Modulation)	Expanded Uncertainty : 6.11 Hz
Estimation Result of Uncertainty of EIRP Measurement (RF Power Output, Radiated Spurious Emission)	Expanded Uncertainty : 30-200MHz : 3.55 dB 200-1000MHz : 3.37 dB 1-18GHz : 4.72 dB 18-40GHz : 3.83 dB

The decision rule is: Measurement uncertainty is not included in the calculation of test results.



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2.3 Test Equipment List

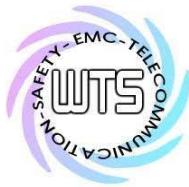
No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2022/6/22	2023/6/21
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2021/11/9	2022/11/8
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2022/9/16	2023/9/15
ETSTW-CE 008	HF-EICHLEITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2022/8/3	2023/8/2
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2021/11/8	2022/11/7
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2022/7/29	2023/7/28
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2022/6/21	2023/6/20
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2022/9/16	2023/9/15
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function Test	
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2022/8/18	2023/8/17
ETSTW-RE 019	MICROWAVE HORN ANTENNA	22240-25	121074	FM	2022/6/13	2023/6/12
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2022/6/22	2023/6/21
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2022/5/23	2023/5/22
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2022/3/4	2023/3/3
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2022/6/28	2023/6/27
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2022/8/1	2023/7/31
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2022/2/18	2023/2/17
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2022/2/18	2023/2/17
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2022/2/18	2023/2/17
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2022/3/28	2023/3/27
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2022/2/18	2023/2/17
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2022/5/13	2023/5/12
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2021/10/27	2022/10/26
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2022/9/16	2023/9/15
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2022/6/9	2023/6/8
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2022/2/18	2023/2/17
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2022/1/5	2023/1/4



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ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	2021/10/29	2022/10/28
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2022/6/20	2023/6/19
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2022/8/3	2023/8/2
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2022/8/3	2023/8/2
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2022/2/18	2023/2/17
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2022/8/3	2023/8/2
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2022/8/3	2023/8/2
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2022/5/13	2023/5/12
ETSTW-RE 146	Preamplifier	JPA-10M1G	15090004	JPT	2022/5/27	2023/5/26
ETSTW-RE 152	Bi-log Hybrid Antenna	MCTD 2786B	BLB20J04029	ETC	2021/10/5	2022/10/4
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2022/9/16	2023/9/15
ETSTW-RE 159	Bi-log Hybrid Antenna (30M~1000 MHz)	MCTD 2786B	BLB21N04035	ETC	2021/12/06	2022/12/05
ETSTW-RF 002	Electromagnetic field probe	LF-30	K-0007	STT	2022/7/14	2023/7/13
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2022/6/10	2023/6/9
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2022/3/28	2023/3/27
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2022/5/9	2023/5/8
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2021/10/29	2022/10/28
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2022/1/5	2023/1/4
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2022/1/5	2023/1/4
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2022/1/5	2023/1/4
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2022/1/5	2023/1/4
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2022/9/2	2023/9/1
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2022/5/3	2023/5/2
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2022/8/3	2023/8/2
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2022/2/18	2023/2/17
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2022/2/18	2023/2/17
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2022/2/18	2023/2/17
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2022/2/18	2023/2/17
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2022/6/15	2023/6/14
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2022/5/6	2023/5/5
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2022/9/16	2023/9/15
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2022/9/16	2023/9/15
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2022/2/18	2023/2/17
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2022/5/13	2023/5/12

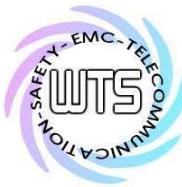


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ETSTW-Cable 047	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2022/7/1	2023/6/30
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2022/5/27	2023/5/26
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2022/5/13	2023/5/12
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2022/5/27	2023/5/26
ETSTW-Cable 072	SMA type cable (8m)	SUCOFLEX 104	805800/4	HUBER+SUHNER	2022/5/13	2023/5/12
ETSTW-Cable 074	SMA type cable (2m)	SUCOFLEX 104	802563/4	HUBER+SUHNER	2022/5/13	2023/5/12
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	
WTSTW-SW 006	EMI TEST SOFTWARE	e3	None	AUDIX	Version 9.161014	
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	
ETSTW-TH 002	Thermohygrometer	608-H1	45204317	Testo	2022/9/16	2023/9/15
ETSTW-TH 003	Wireless weather station	GAIA	N/A	TFA	2021/10/18	2022/10/17



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2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.10-2013 6.2 using a 50 μ H LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI STANDARD C63.10-2013 6.3 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100 kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna. The ambient temperature of the UUT was 23°C with a humidity of 40 %.

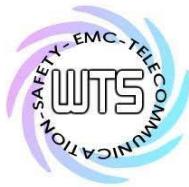
The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

- (1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
- (2) If the intentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
- (3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.
- (4) If the intentional radiator contains a digital device, regardless of whether this digital device controls the functions of the intentional radiator or the digital device is used for additional control or function purposes other than to enable the operation of the intentional radiator, the frequency range shall be investigated up to the range specified in paragraphs (a)(1)-(a)(3) of this section or the range applicable to the digital device, as shown in paragraph (b)(1) of this Section, whichever is the higher frequency range of investigation.

For hand-held devices, a exploratory test was performed with three (3) orthogonal planes to determine the highest emissions.

Measurements were made by at the registered open field test site located at The Registration Number: When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

ANSI STANDARD C63.10-2013 B.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software 'EZ EMC' was used for setting up different operation modes.



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3 Test results (enclosure)

Test case	Para. Number	Required	Test passed	Test failed
RF Power Output	15.236(d)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Occupied Bandwidth	15.236(f)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emission Mask	15.236(g) ETSI EN 300 422-1 V2.1.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiated Spurious Emission	15.236(g)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Line Conducted Emissions	15.207	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Frequency Stability vs. Temperature	15.236(f)(3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frequency Stability vs. Voltage				

The following is intentionally left blank.



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4 RF Power Output, FCC15.236 (d)

4.1 Test procedure

§ 2.1046 Measurements required: RF power output.

(a) For transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in § 2.1033(c)(8). The electrical characteristics of the radio frequency load attached to the output terminals when this test is made shall be stated.

(b) For single sideband, independent sideband, and single channel, controlled carrier radiotelephone transmitters the procedure specified in paragraph (a) of this section shall be employed and, in addition, the transmitter shall be modulated during the test as follows. In all tests, the input level of the modulating signal shall be such as to develop rated peak envelope power or carrier power, as appropriate, for the transmitter.

(1) Single sideband transmitters in the A3A or A3J emission modes - by two tones at frequencies of 400 Hz and 1800 Hz (for 3.0 kHz authorized bandwidth), or 500 Hz and 2100 Hz (3.5 kHz authorized bandwidth), or 500 Hz and 2400 Hz (for 4.0 kHz authorized bandwidth), applied simultaneously, the input levels of the tones so adjusted that the two principal frequency components of the radio frequency signal produced are equal in magnitude.

(2) Single sideband transmitters in the A3H emission mode - by one tone at a frequency of 1500 Hz (for 3.0 kHz authorized bandwidth), or 1700 Hz (for 3.5 kHz authorized bandwidth), or 1900 Hz (for 4.0 kHz authorized bandwidth), the level of which is adjusted to produce a radio frequency signal component equal in magnitude to the magnitude of the carrier in this mode.

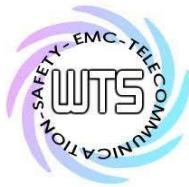
(3) As an alternative to paragraphs (b) (1) and (2) of this section other tones besides those specified may be used as modulating frequencies, upon a sufficient showing of need. However, any tones so chosen must not be harmonically related, the third and fifth order intermodulation products which occur must fall within the -25 dB step of the emission bandwidth limitation curve, the seventh and ninth order intermodulation product must fall within the 35 dB step of the referenced curve and the eleventh and all higher order products must fall beyond the -35 dB step of the referenced curve.

(4) Independent sideband transmitters having two channels by 1700 Hz tones applied simultaneously in both channels, the input levels of the tones so adjusted that the two principal frequency components of the radio frequency signal produced are equal in magnitude.

(5) Independent sideband transmitters having more than two channels by an appropriate signal or signals applied to all channels simultaneously. The input signal or signals shall simulate the input signals specified by the manufacturer for normal operation.

(6) Single-channel controlled-carrier transmitters in the A3 emission mode - by a 2500 Hz tone.

(c) For measurements conducted pursuant to paragraphs (a) and (b) of this section, all calculations and methods used by the applicant for determining carrier power or peak envelope power, as appropriate, on the basis of measured power in the radio frequency load attached to the transmitter output terminals shall be shown. Under the test conditions specified, no components of the emission spectrum shall exceed the limits specified in the applicable rule parts as necessary for meeting occupied bandwidth or emission limitations.

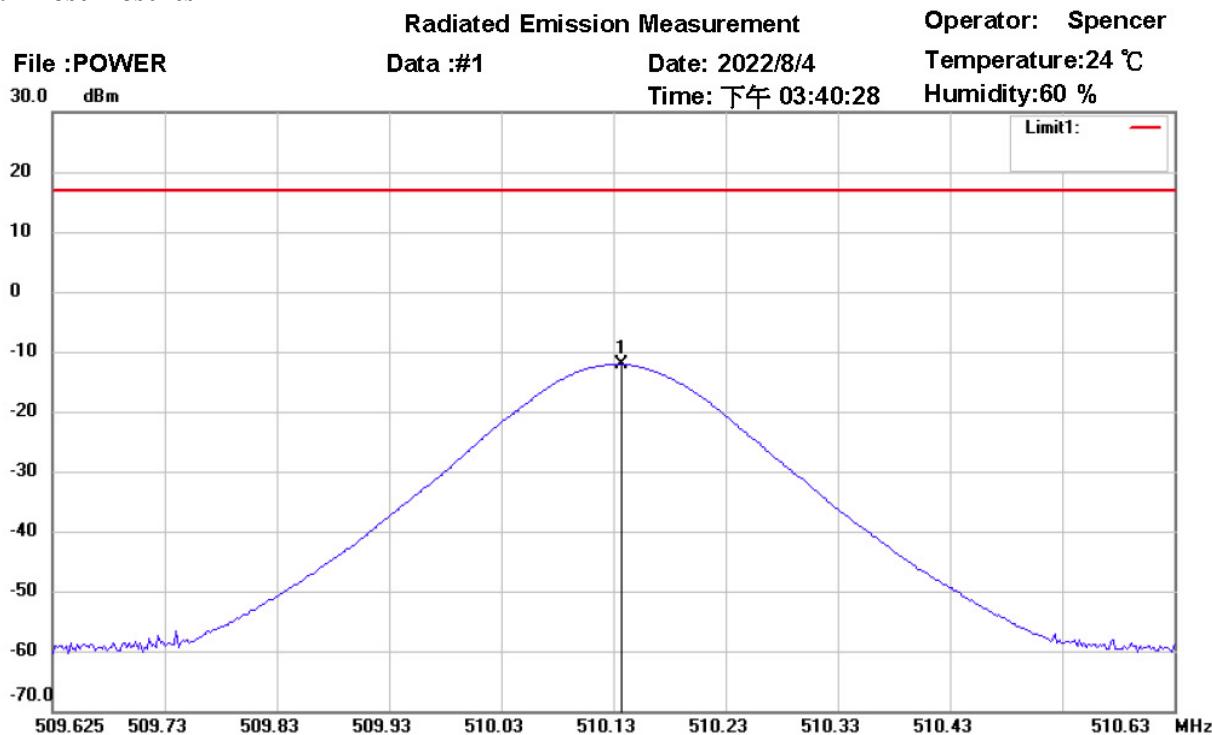


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

4.2 Test Results



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

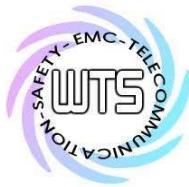
M/N:

Distance: 3m

Test Mode : UHF 510.125MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	510.1320	-41.45	peak	29.29	-12.16	17.00	150	124	-29.16	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

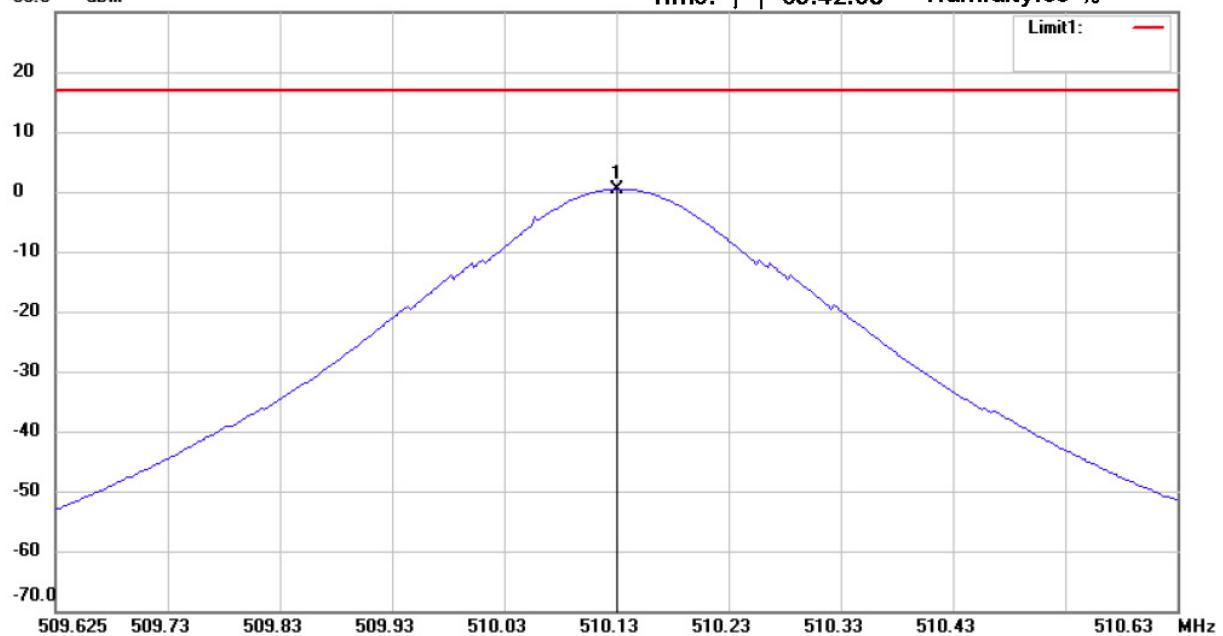
Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#2

Date: 2022/8/4
Time: 下午 03:42:08

Operator: Spencer
Temperature:24 °C
Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

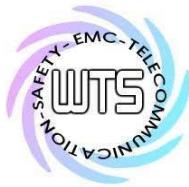
M/N:

Distance: 3m

Test Mode : UHF 510.125MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	510.1260	-29.12	peak	29.57	0.45	17.00	150	266	-16.55	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#1

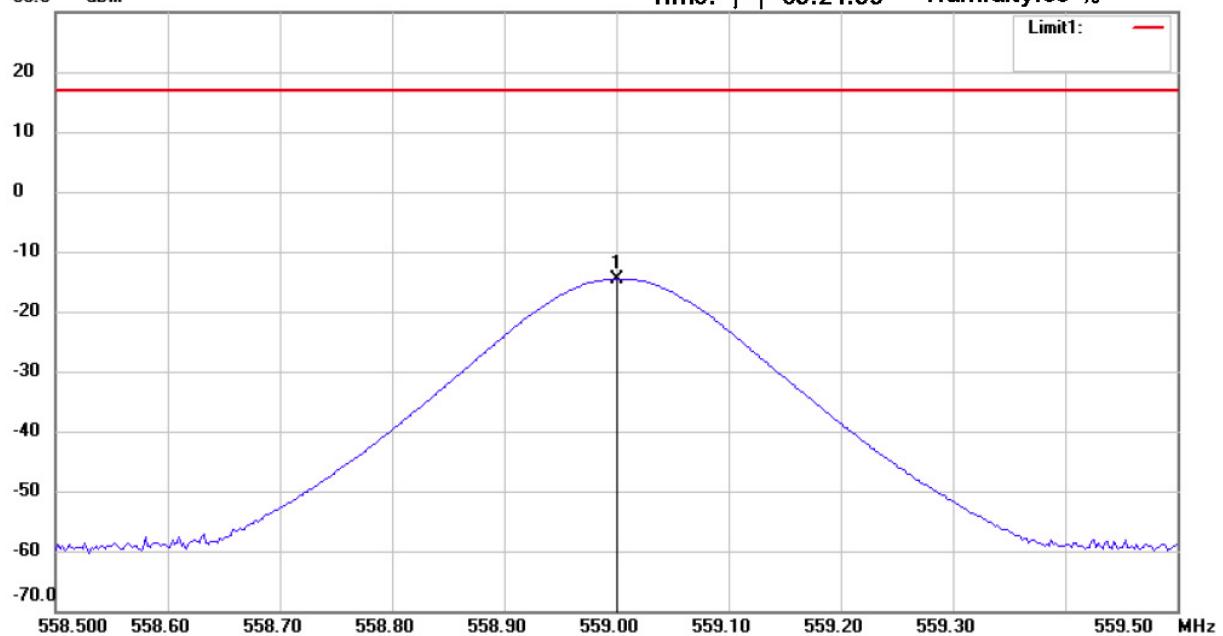
Date: 2022/8/4

Operator: Spencer

Time: 下午 03:21:39

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

Test Mode : UHF 559MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	559.0010	-44.44	peak	29.93	-14.51	17.00	150	164	-31.51	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#2

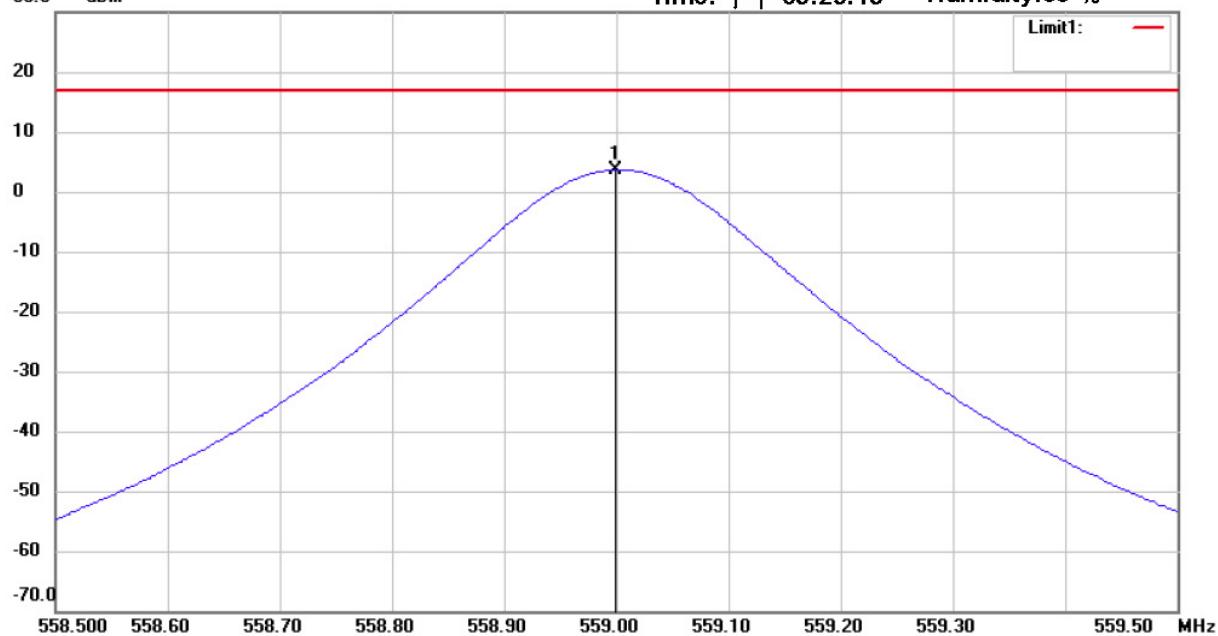
Date: 2022/8/4

Time: 下午 03:29:13

Operator: Spencer

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

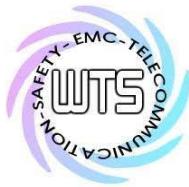
M/N:

Distance: 3m

Test Mode : UHF 559MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	558.9990	-26.00	peak	29.66	3.66	17.00	150	200	-13.34	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER

Data :#1

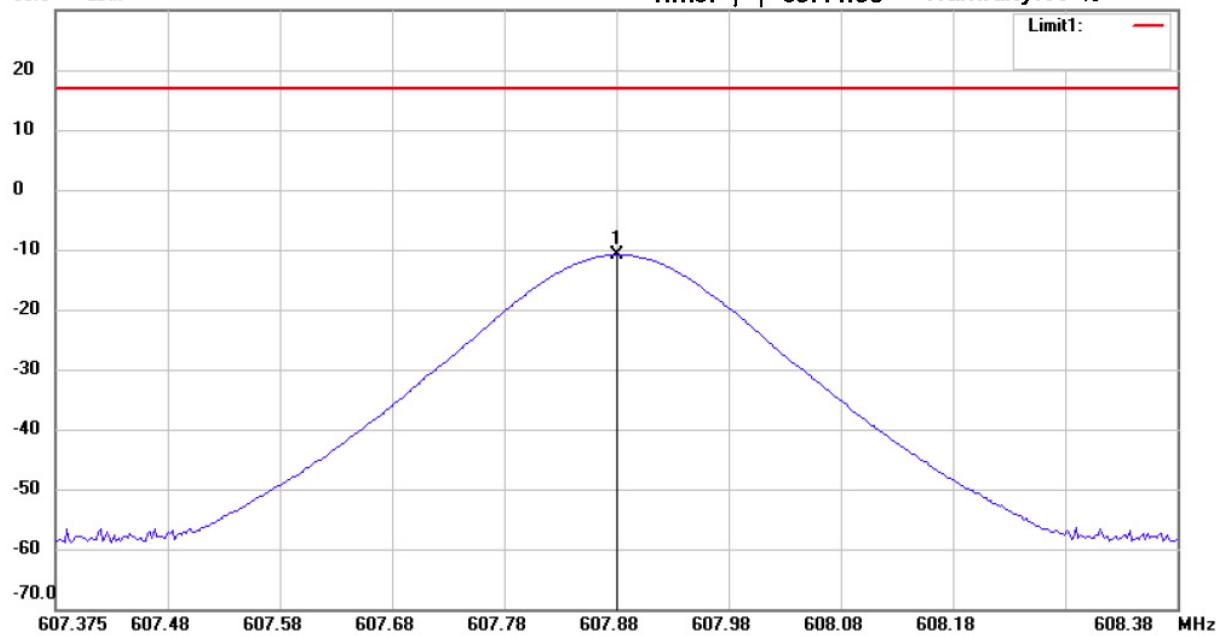
Date: 2022/8/4

Time: 下午 03:11:38

Operator: Spencer

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

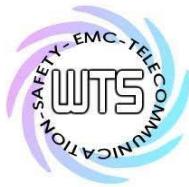
M/N:

Distance: 3m

Test Mode : UHF 607.875MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	607.8760	-41.74	peak	30.86	-10.88	17.00	150	63	-27.88	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#2

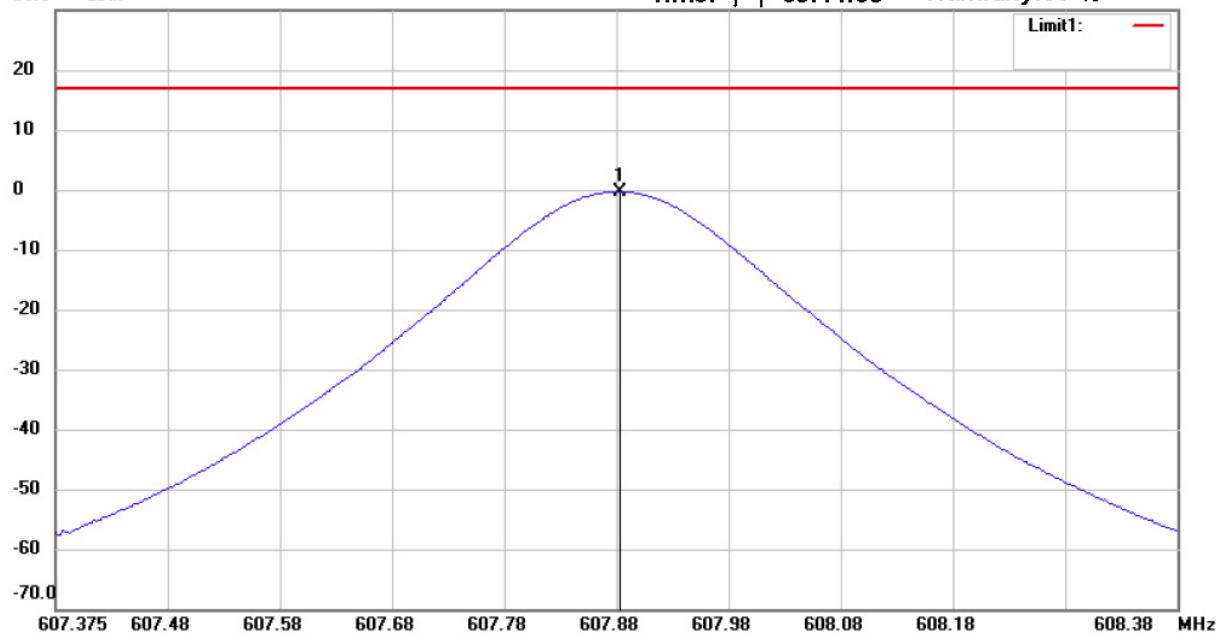
Date: 2022/8/4

Operator: Spencer

Time: 下午 03:14:09

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

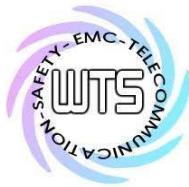
M/N:

Distance: 3m

Test Mode : UHF 607.875MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	607.8780	-30.05	peak	29.71	-0.34	17.00	150	93	-17.34	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#1

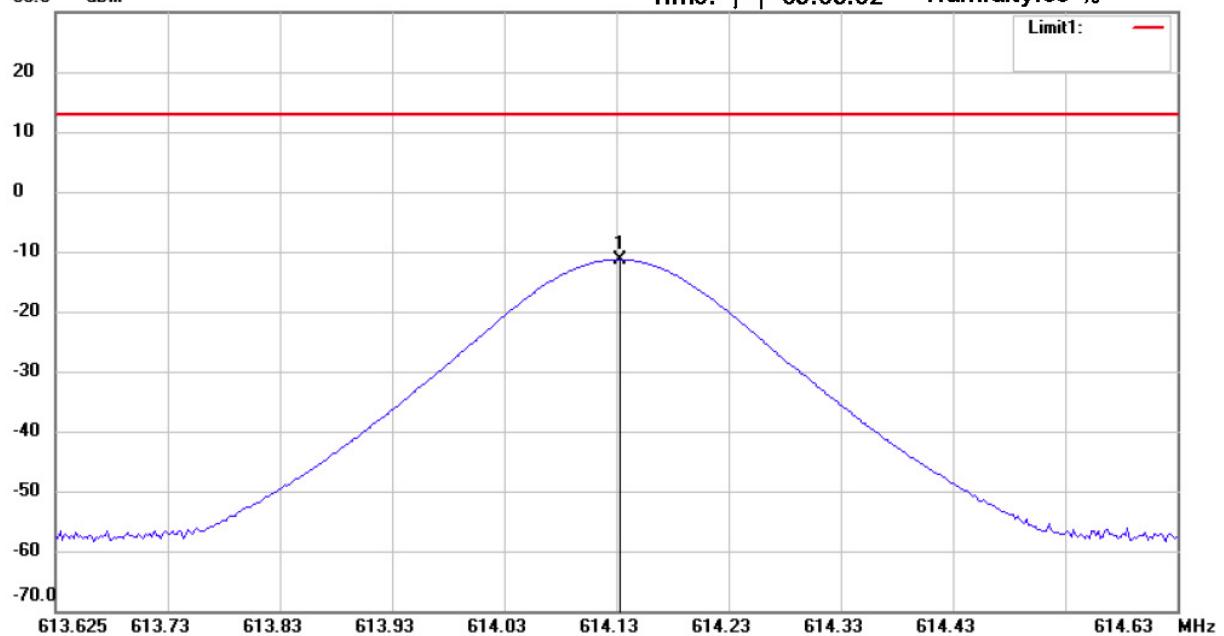
Date: 2022/8/4

Time: 下午 03:03:02

Operator: Spencer

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

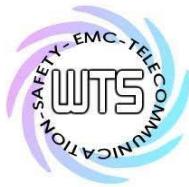
M/N:

Distance: 3m

Test Mode : UHF 614.125MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	614.1280	-42.48	peak	31.17	-11.31	13.00	150	114	-24.31	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#2

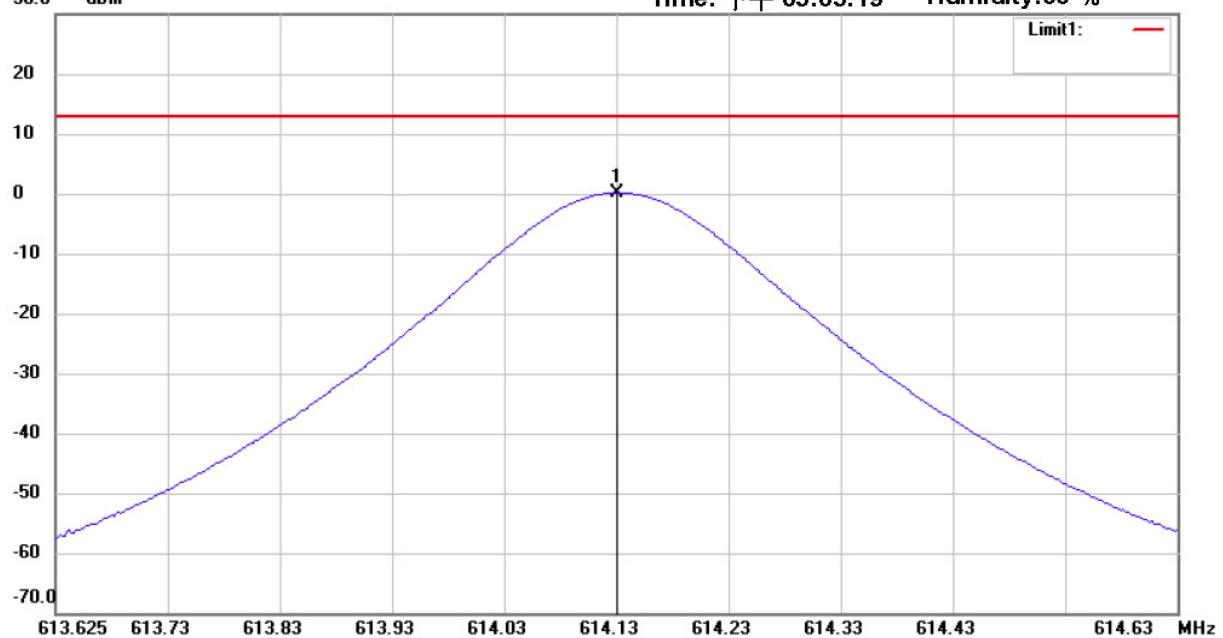
Date: 2022/8/4

Operator: Spencer

Time: 下午 03:05:19

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

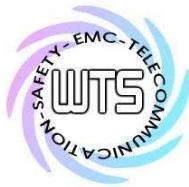
M/N:

Distance: 3m

Test Mode : UHF 614.125MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	614.1260	-29.57	peak	29.70	0.13	13.00	150	47	-12.87	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#1

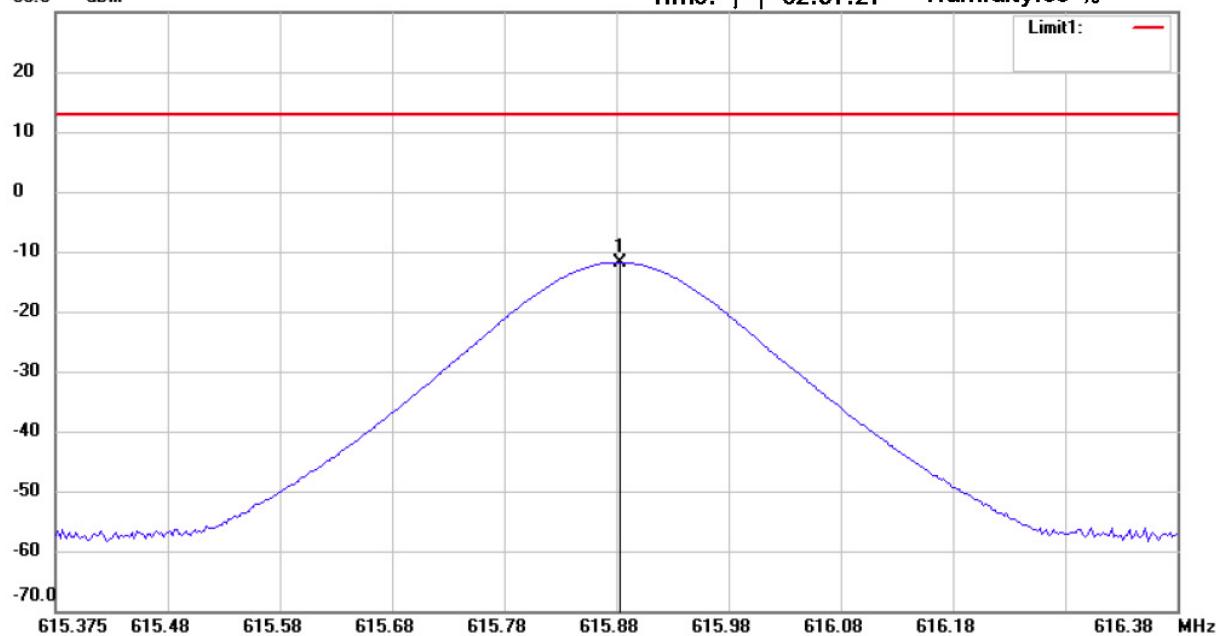
Date: 2022/8/4

Operator: Spencer

Time: 下午 02:57:27

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

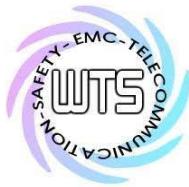
M/N:

Distance: 3m

Test Mode : UHF 615.875MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	615.8780	-43.08	peak	31.26	-11.82	13.00	150	90	-24.82	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#2

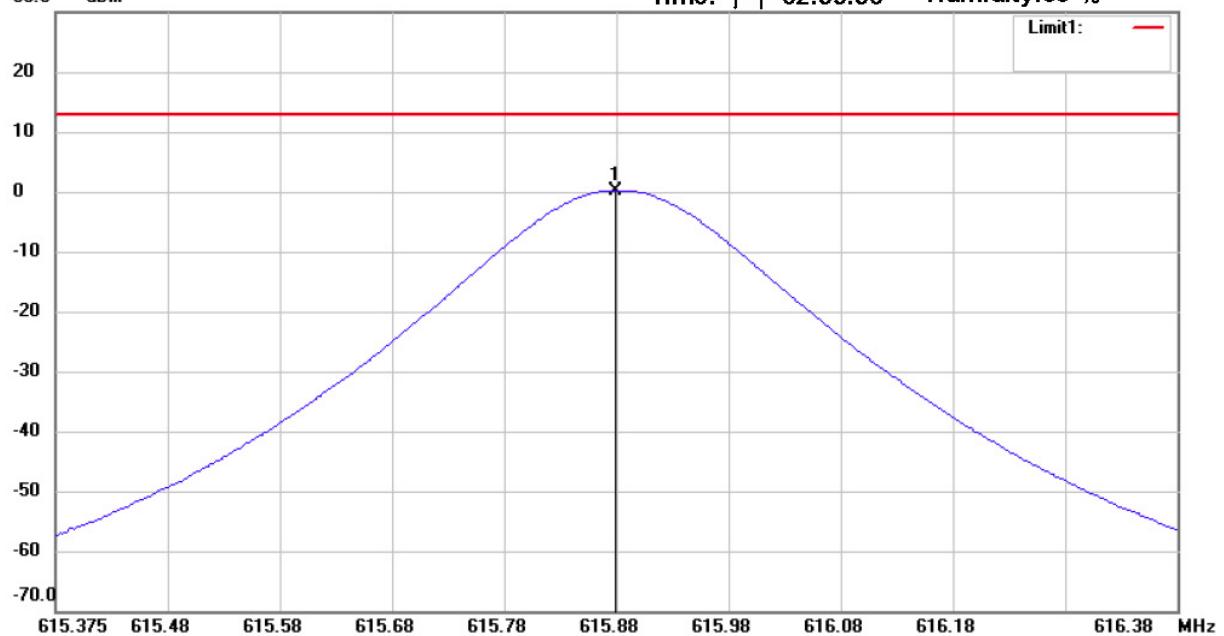
Date: 2022/8/4

Time: 下午 02:59:50

Operator: Spencer

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

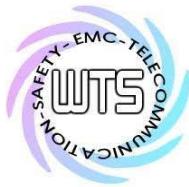
M/N:

Distance: 3m

Test Mode : UHF 615.875MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	615.8740	-29.45	peak	29.70	0.25	13.00	150	296	-12.75	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

Operator: Spencer

File :POWER
30.0 dBm

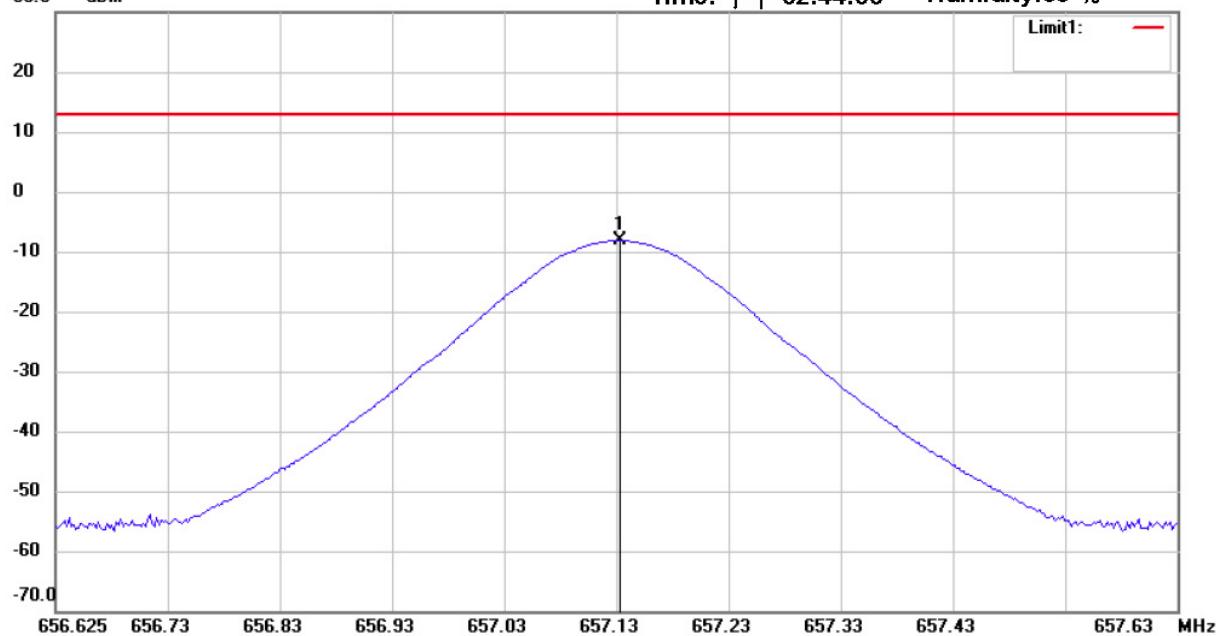
Data :#1

Date: 2022/8/4

Temperature:24 °C

Time: 下午 02:44:06

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

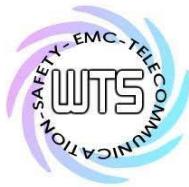
M/N:

Distance: 3m

Test Mode : UHF 657.125MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	657.1280	-41.11	peak	32.98	-8.13	13.00	150	145	-21.13	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#2

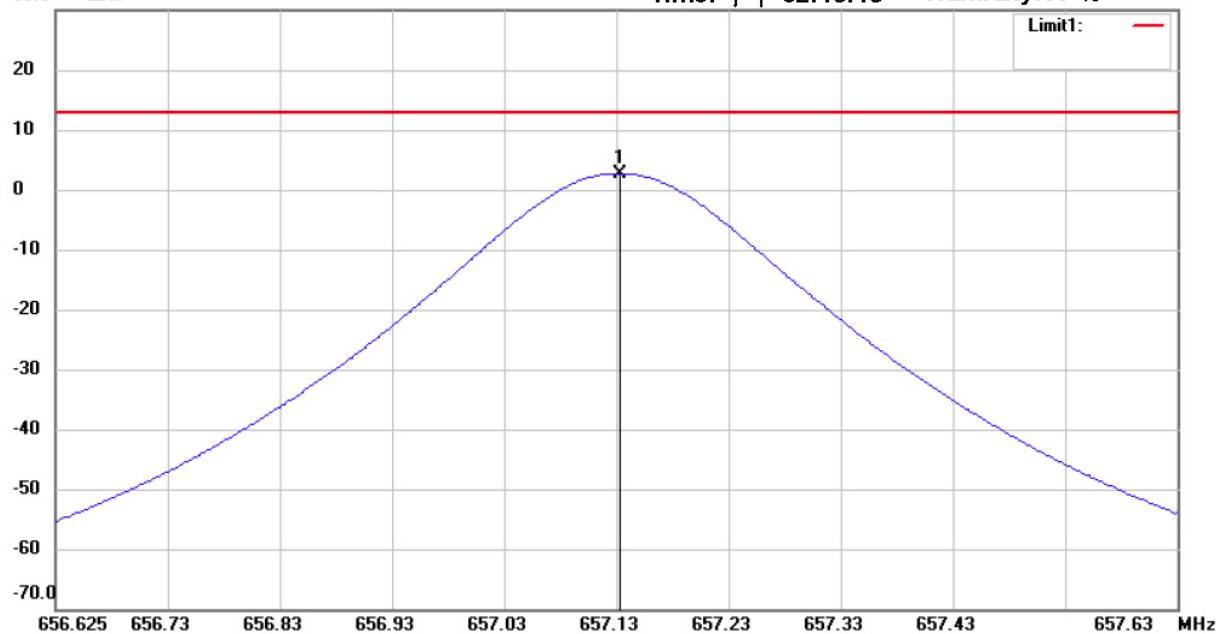
Date: 2022/8/4

Operator: Spencer

Time: 下午 02:49:15

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

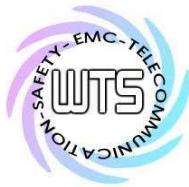
M/N:

Distance: 3m

Test Mode : UHF 657.125MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	657.1280	-27.24	peak	29.95	2.71	13.00	150	145	-10.29	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Radiated Emission Measurement

File :POWER
30.0 dBm

Data :#1

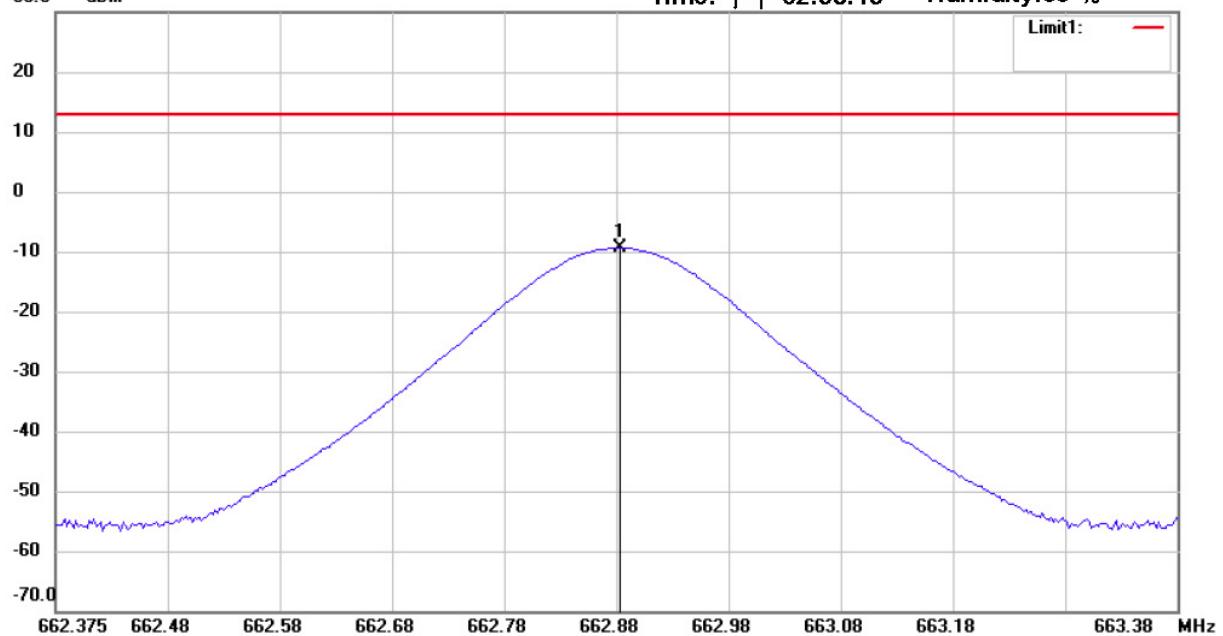
Date: 2022/8/4

Operator: Spencer

Time: 下午 02:38:13

Temperature:24 °C

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

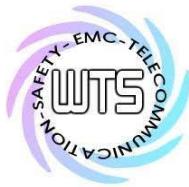
M/N:

Distance: 3m

Test Mode : UHF 662.875MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	662.8780	-42.38	peak	32.99	-9.39	13.00	150	254	-22.39	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

Radiated Emission Measurement

Operator: Spencer

File :POWER
30.0 dBm

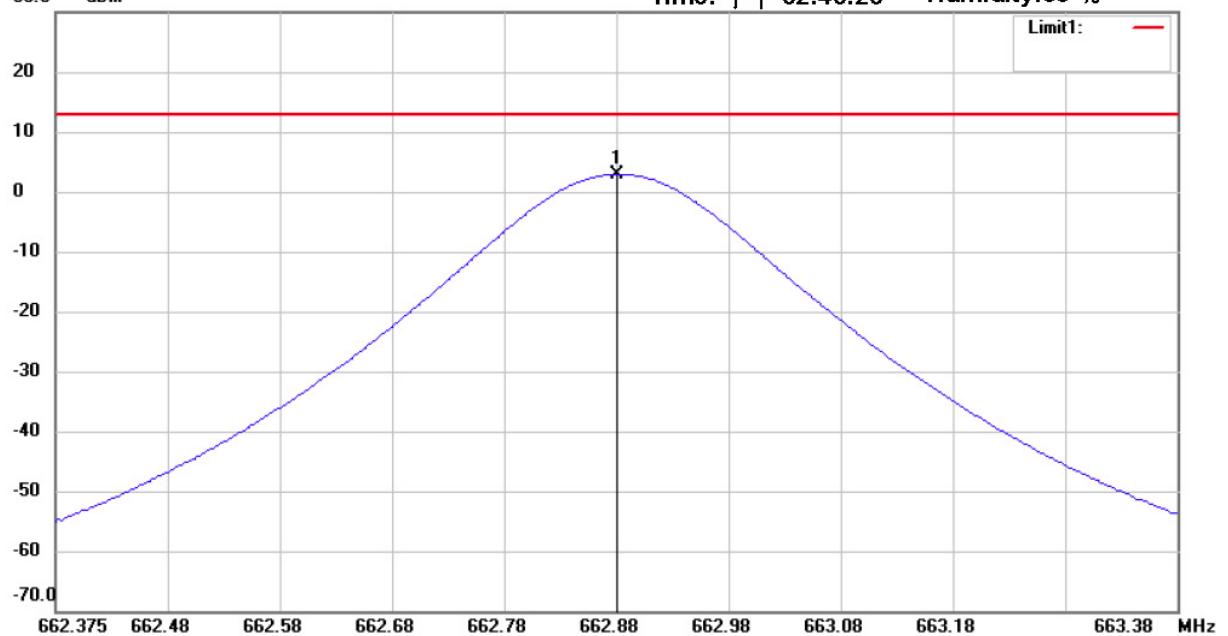
Data :#2

Date: 2022/8/4

Temperature:24 °C

Time: 下午 02:40:20

Humidity:60 %



Site : Chamber

Condition : FCC 15.236 POWER

Polarization: **Vertical**

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

Test Mode : UHF 662.875MHz TX POWER

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	662.8760	-27.27	peak	30.21	2.94	13.00	150	102	-10.06	

Test equipment used: ETSTW-RE 004, ETSTW-RE 122, ETSTW-RE 042, ETSTW-RE 043

Limit According to FCC PART 15.236(d): The output power limit: 50 mW (17 dBm)

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

5 Occupied Bandwidth, FCC15.236 (f) / Emission Mask, FCC15.236 (g)

5.1 Test Procedure

Occupied Bandwidth

- (f) The operating frequency within a permissible band of operation as defined in paragraph (c) must comply with the following requirements.
 - (1) The frequency selection shall be offset from the upper or lower band limits by 25 kHz or an integral multiple thereof.
 - (2) One or more adjacent 25 kHz segments within the assignable frequencies may be combined to form a channel whose maximum bandwidth shall not exceed 200 kHz. The operating bandwidth shall not exceed 200 kHz.
 - (3) The frequency tolerance of the carrier signal shall be maintained within $\pm 0.005\%$ of the operating frequency over a temperature variation of - 20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. Battery (1) In the bands allocated and assigned for broadcast television and in the 600 MHz service band: 50 mW EIRP
 - (4) In the 600 MHz guard bands including the duplex gap: 20 mW EIRP (e) Operation is limited to locations separated from licensed services by the following distances. (1) Four kilometers outside the following protected service contours of co-channel TV stations. operated equipment shall be tested using a new battery.

5.2 Test results

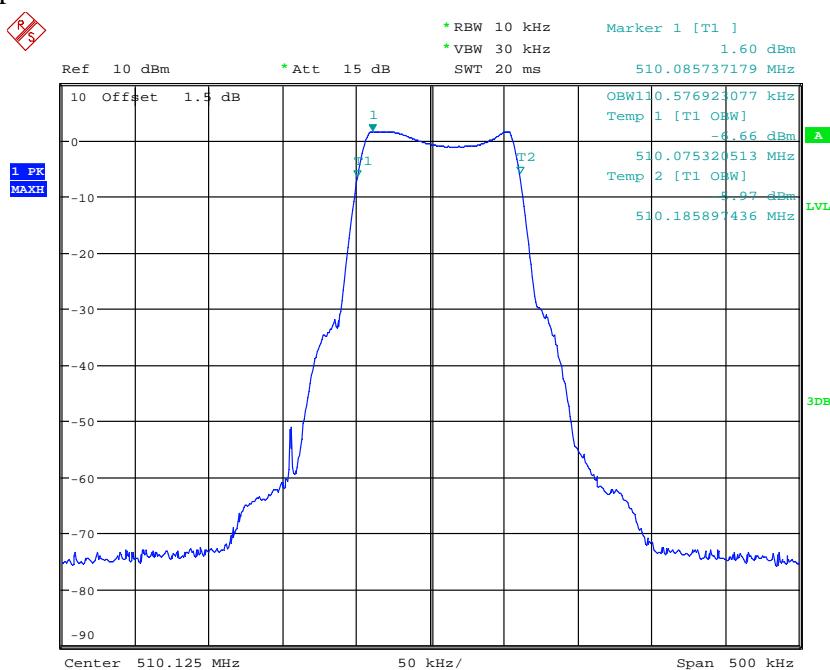
Occupied Bandwidth

Test date: August 10, 2022-August 19, 2022

Temperature: 24.1 °C

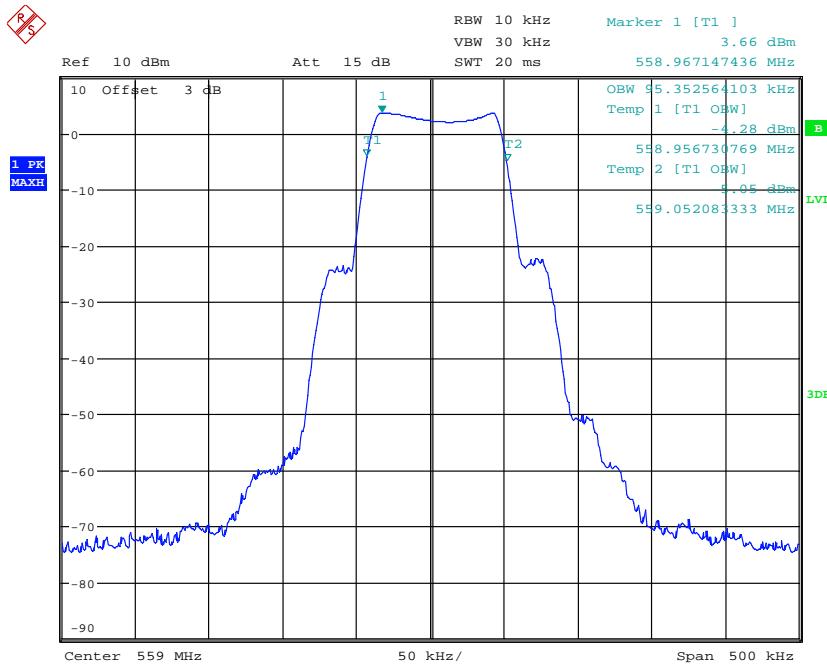
Humidity: 50.2 %

Tester: Spencer



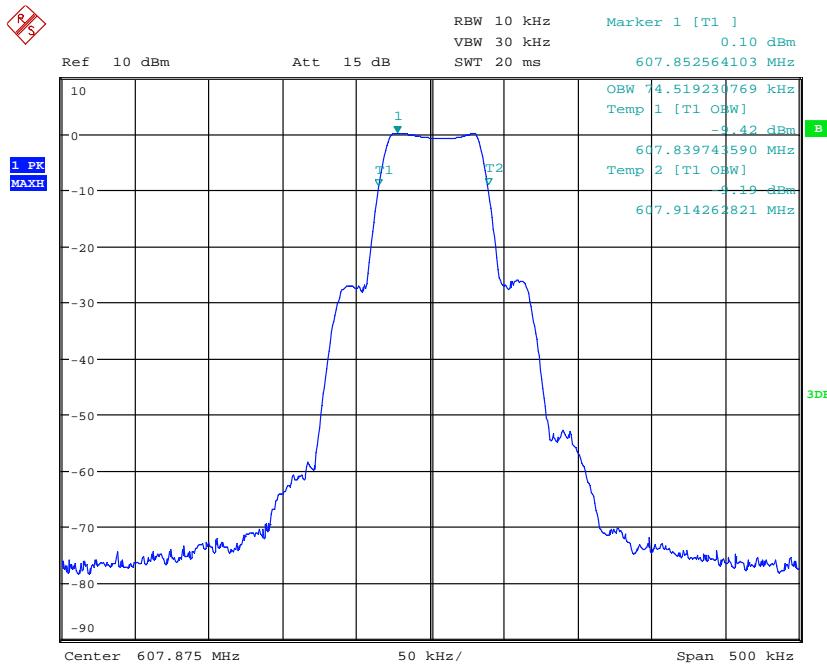
OCCUPIED BANDWIDTH 510.125MHz
Date: 19.AUG.2022 10:30:47

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B



OCCUPIED BANDWIDTH 559MHz

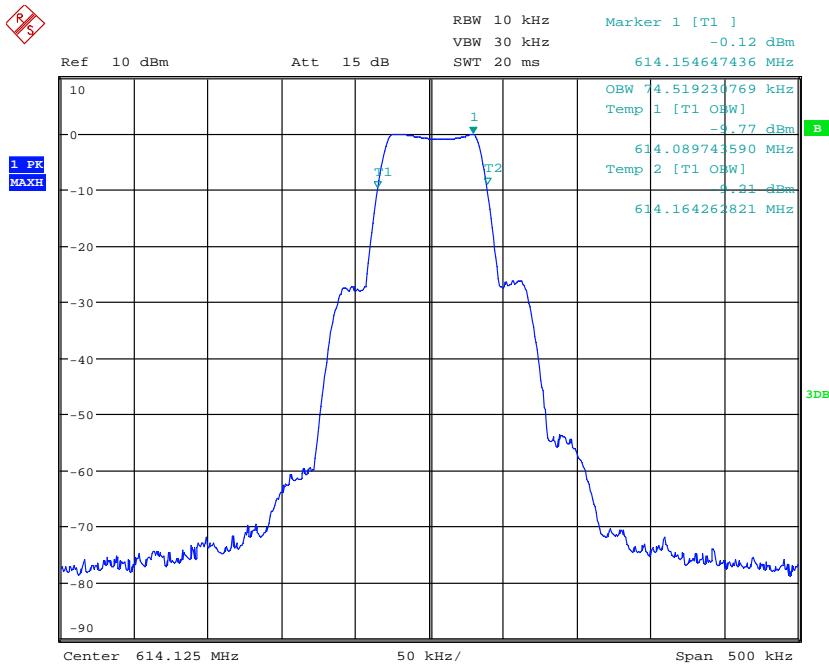
Date: 10.AUG.2022 12:11:14



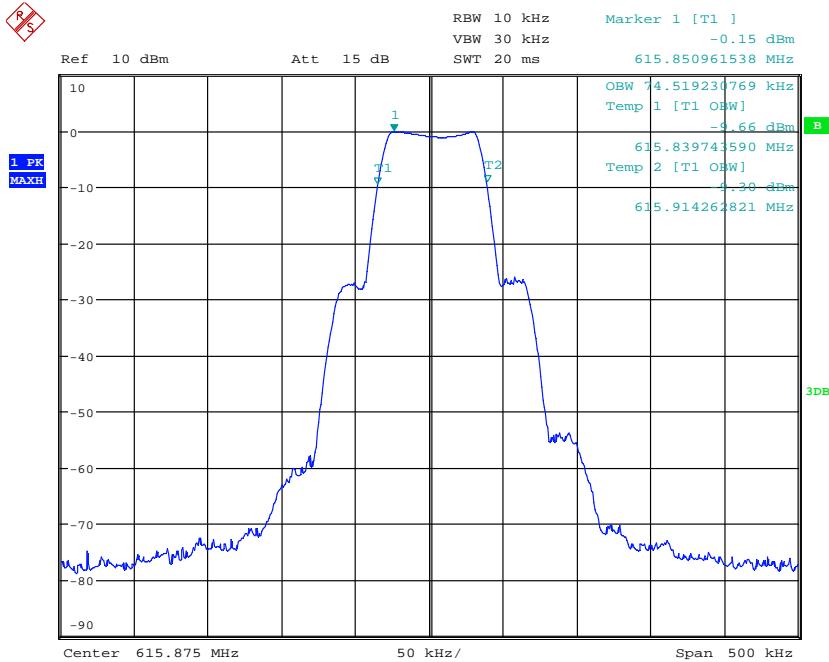
OCCUPIED BANDWIDTH 607.875MHz

Date: 10.AUG.2022 12:07:32

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B



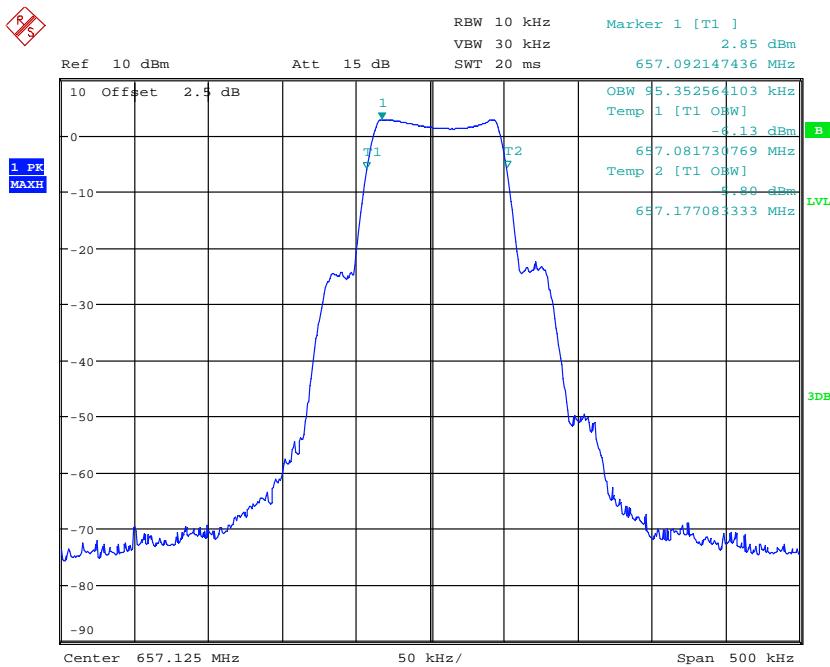
OCCUPIED BANDWIDTH 614.125MHZ
Date: 10.AUG.2022 12:06:58



OCCUPIED BANDWIDTH 615.875MHZ
Date: 10.AUG.2022 12:06:25

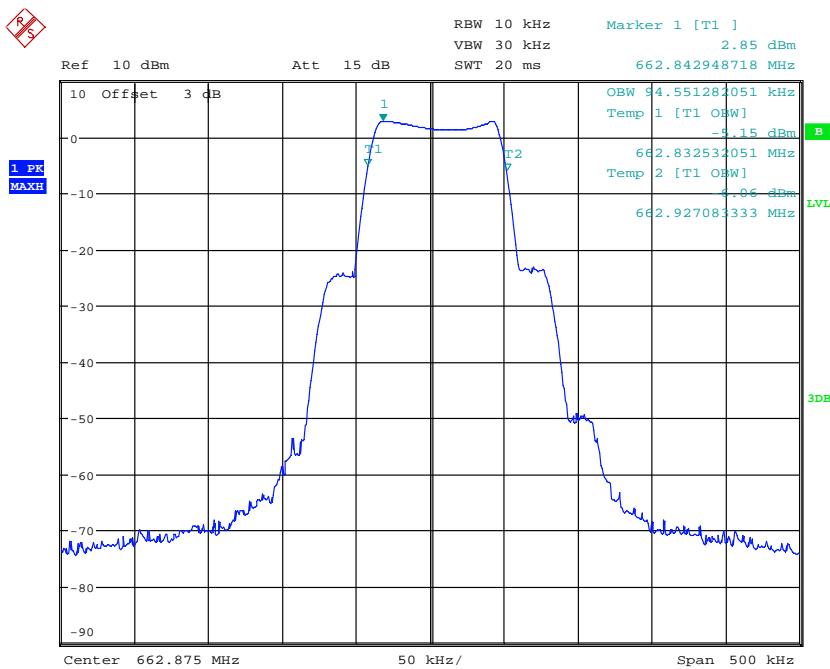
Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B



OCCUPIED BANDWIDTH 657.125MHZ

Date: 10.AUG.2022 12:05:00



OCCUPIED BANDWIDTH 662.875MHZ

Date: 10.AUG.2022 12:04:13

Limit

The operating bandwidth shall not exceed 200 kHz.

Test equipment used: ETSTW-RE 055 , ETSTW-RE 072, ETSTW-RE 050

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

Emission Mask

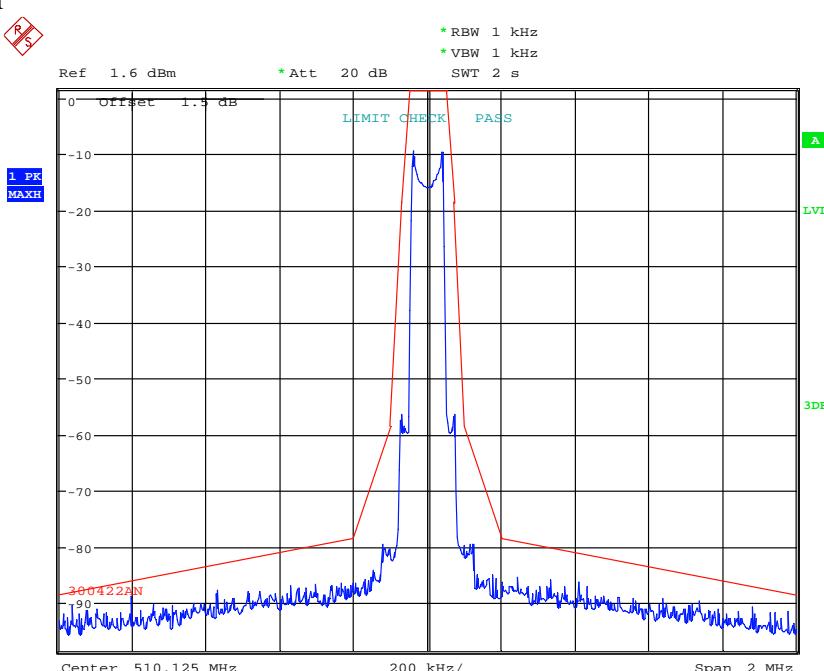
(g) Emissions within the band from one megahertz below to one megahertz above the carrier frequency shall comply with the emission mask in Section 8.3 of ETSI EN 300 422-1 V2.1.2 (2017-01) (incorporated by reference, see § 15.38). Emissions outside this band shall comply with the limit specified at the edges of the ETSI mask.

Test date: August 22, 2022

Temperature: 24.1 °C

Humidity: 56.3 %

Tester: Spencer



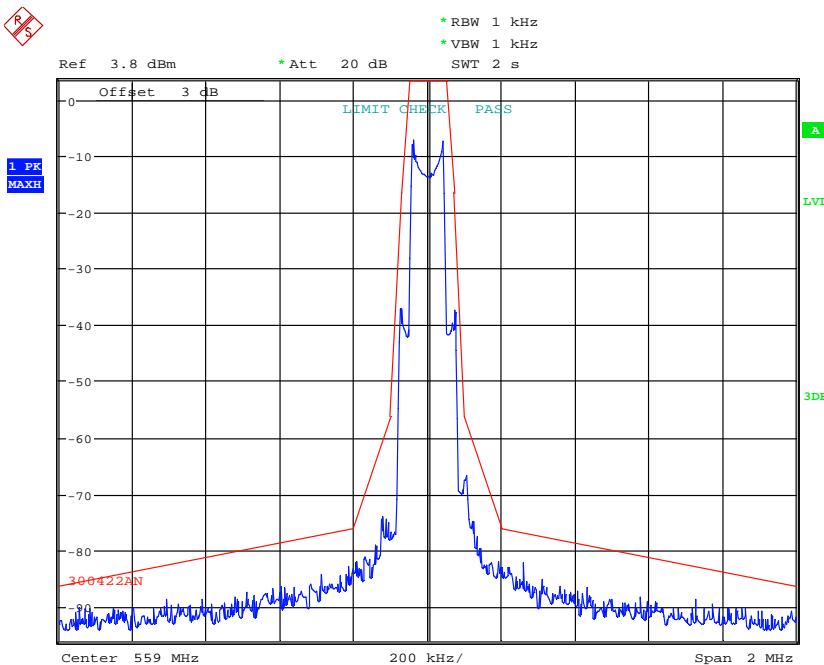
NECESSARY BANDWIDTH 510.125MHZ

Date: 22.AUG.2022 11:46:02



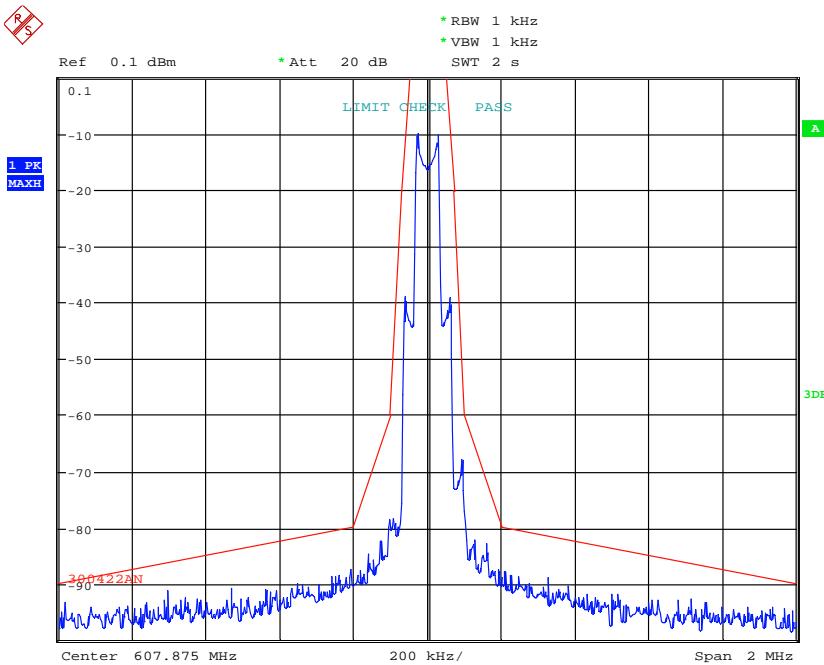
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B



NECESSARY BANDWIDTH 559MHZ

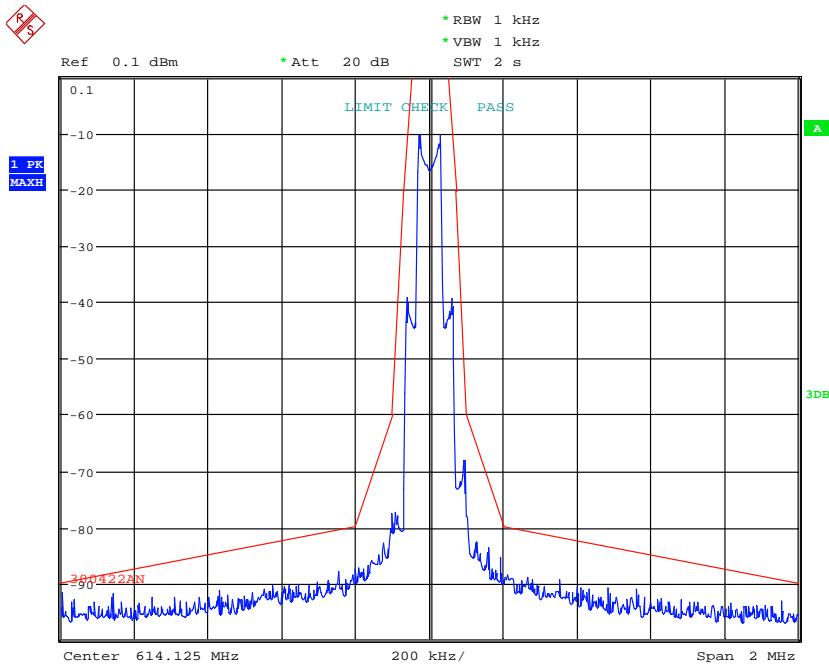
Date: 22.AUG.2022 11:47:16



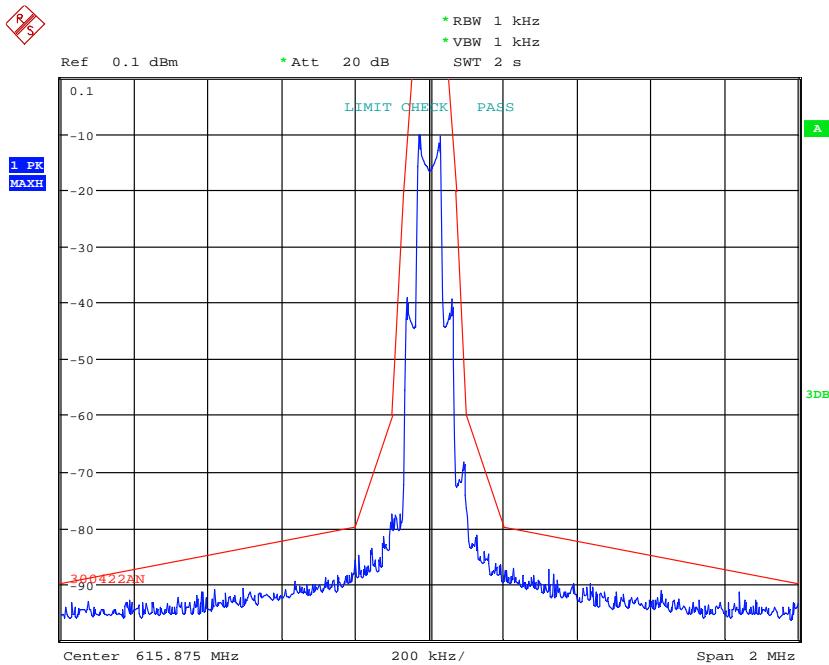
NECESSARY BANDWIDTH 607.875MHZ

Date: 22.AUG.2022 11:48:55

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

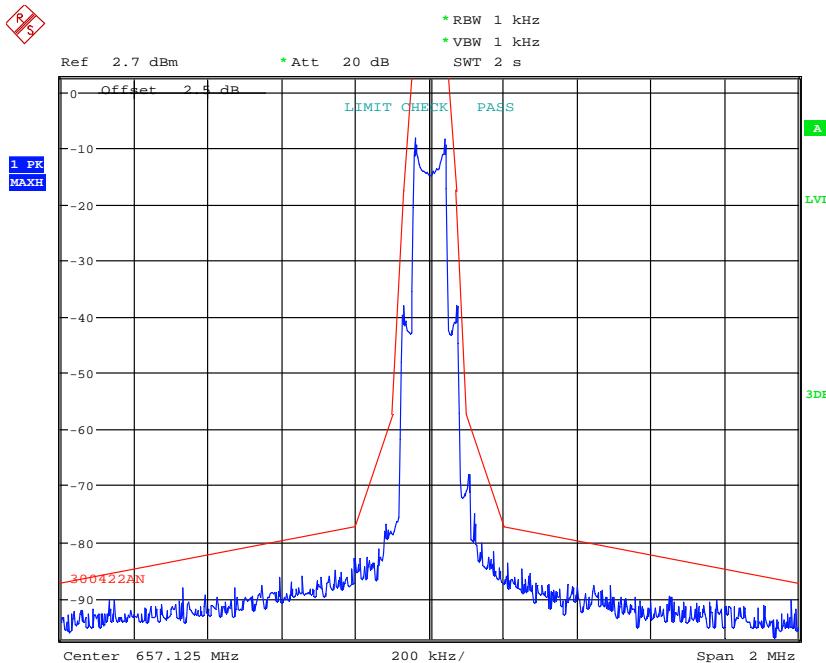


NECESSARY BANDWIDTH 614.125MHz
Date: 22.AUG.2022 11:50:14

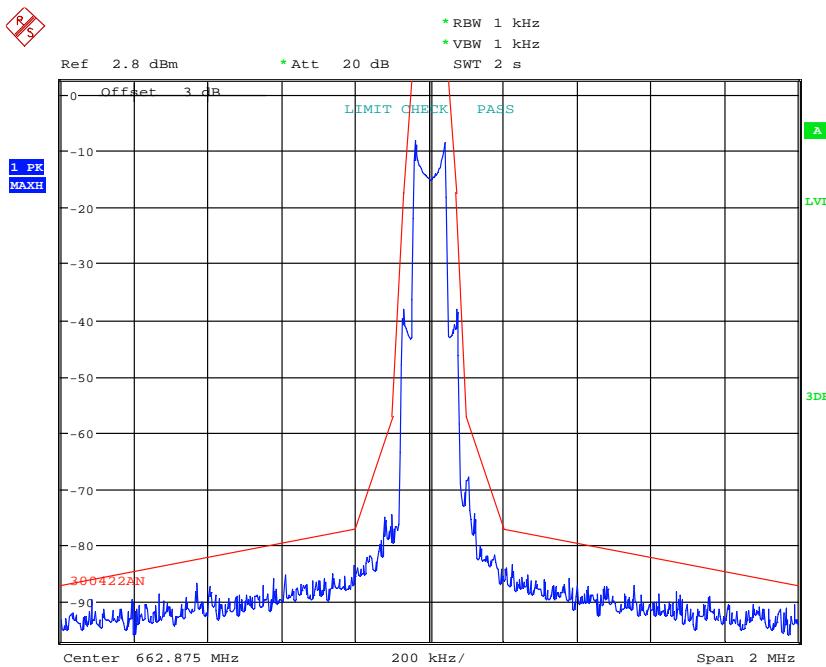


NECESSARY BANDWIDTH 615.875MHz
Date: 22.AUG.2022 11:55:42

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B



NECESSARY BANDWIDTH 657.125MHZ
Date: 22.AUG.2022 11:57:57



NECESSARY BANDWIDTH 662.875MHZ
Date: 22.AUG.2022 11:59:18

Test equipment used: ETSTW-RE 055 , ETSTW-RE 072

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

LIMIT acc. Subclause 8.3.1.2

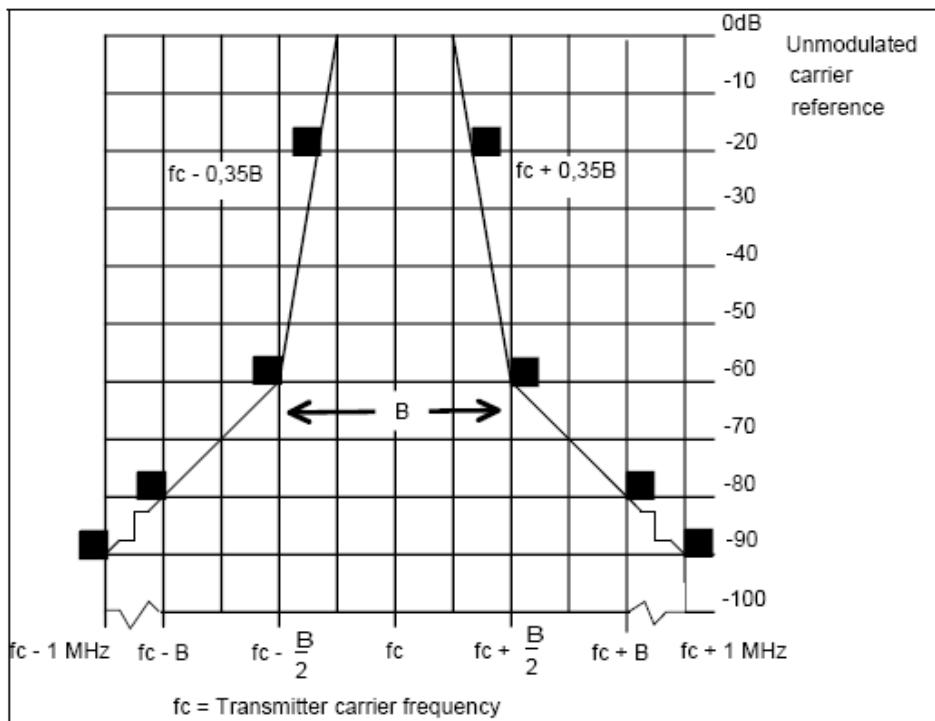


Figure 1: Spectrum mask for analogue systems in all bands

LIMIT acc. Subclause 8.3.2.2

The transmitter output spectrum shall be within the mask defined in figure 2. This mask may also be used for both analogue and digital Assistive Listening Devices.

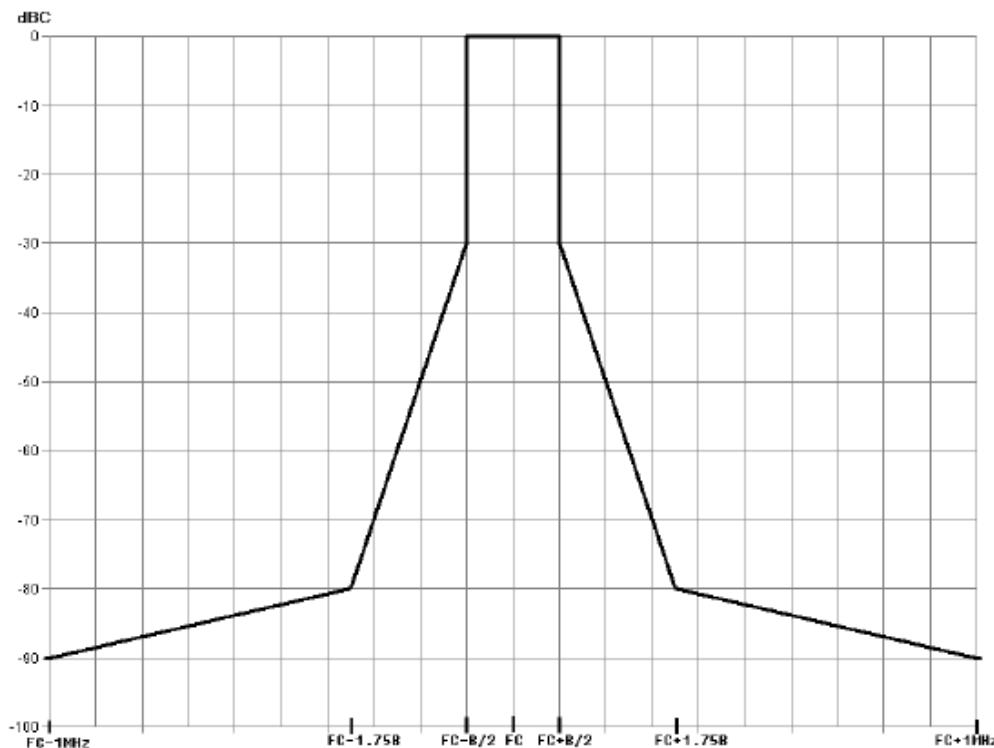
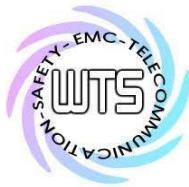


Figure 2: Spectrum mask for digital systems below 1 GHz



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

6 Radiated Spurious Emission , FCC 15.236(g)

6.1 Test procedure

(g) Emissions within the band from one megahertz below to one megahertz above the carrier frequency shall comply with the emission mask in Section 8.3 of ETSI EN 300 422-1 V2.1.2 (2017-01) (incorporated by reference, see § 15.38). Emissions outside this band shall comply with the limit specified at the edges of the ETSI mask.

6.2 Test results

The measurements of the spurious emission at the upper , center and lower channel.
The measurement diagrams show that all significant spurs are well below the limit line.

Summary table with radiated data of the test plots for Carrier Test Frequency

Model:	UF-21B	Date:	--				
Mode:	--	Temperature:	--	°C	Engineer:	--	
Polarization:	Horizontal	Humidity:	--	%			
Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

Note:

- 1. Correction Factor = Antenna Gain + Cable Loss + Amplifier Gain**
- 2. The formula of measured value as: Test Result = Reading + Correction Factor**
- 3. All not in the table noted test results are more than 20 dB below the relevant limits.**
- 4. After evaluated, the test result in this report adopt the worst case to measure, please see attached diagrams in appendix.**

Test equipment used: ETSTW-RE 004, ETSTW-RE 122, ETSTW-RE 030, ETSTW-RE 042,
ETSTW-RE 043, ETSTW-RE 044



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

7 Frequency Stability, FCC 15.236(f)(3)

7.1 Test procedure

The frequency tolerance of the carrier signal shall be maintained within $\pm 0.005\%$ of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. Battery operated equipment shall be tested using a new battery.

7.2 Test results

Test date: August 16, 2022

Temperature: 25.1 °C

Humidity: 51.2 %

Tester: Spencer

TEST FREQUENCY (MHz)			
510.125			
Test Volte	Frequency	Error(KHz)	Error(ppm)
3V	510.1242	-0.801282	1.57075619
3.45V	510.1242	-0.801282	1.57075619
2.55V	510.1242	-0.801282	1.57075619
Test Temp	Frequency	Error(KHz)	Error(ppm)
-30	510.13157	6.570513	12.8802019
-20	510.13141	6.410256	12.5660495
-10	510.13157	6.570513	12.8802019
0	510.13109	6.089744	11.9377486
+10	510.13013	5.128205	10.05284
+20	510.12885	3.846454	7.54021857
+30	510.12596	0.961538	1.88490664
+40	510.12372	-1.282051	2.51320951
+50	510.12356	-1.442308	2.82736192
Limit		25.50625	50

TEST FREQUENCY (MHz)			
559			
Test Volte	Frequency	Error(KHz)	Error(ppm)
3V	558.9992	-0.801282	1.43342039
3.45V	558.99904	-0.961538	1.72010376
2.55V	558.9992	-0.801282	1.43342039
Test Temp	Frequency	Error(KHz)	Error(ppm)
-30	559.00032	0.320513	0.57336852
-20	559.00256	2.564103	4.58694633
-10	559.00304	3.044872	5.44699821
0	559.00304	3.044872	5.44699821



Worldwide Testing Services(Taiwan) Co., Ltd.

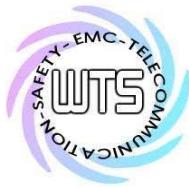
Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

+10	559.00288	2.884615	5.16031306
+20	559.00224	2.24359	4.01357782
+30	559.00048	0.480769	0.86005188
+40	558.99936	-0.641026	1.14673703
+50	558.99952	-0.480769	0.86005188
Limit		27.95	50

TEST FREQUENCY (MHz)			
607.875			
Test Volte	Frequency	Error(KHz)	Error(ppm)
3V	607.87356	-1.442308	2.37270491
3.45V	607.87372	-1.282051	2.10907012
2.55V	607.87356	-1.442308	2.37270491
Test Temp	Frequency	Error(KHz)	Error(ppm)
-30	607.87837	3.365385	5.53631092
-20	607.87772	2.724359	4.48177504
-10	607.87837	3.365385	5.53631092
0	607.87804	3.044872	5.00904298
+10	607.87804	3.044872	5.00904298
+20	607.87692	1.923077	3.163606
+30	607.87516	0.160256	0.26363315
+40	607.87324	-1.762821	2.89997286
+50	607.87324	-1.762821	2.89997286
Limit		30.49375	50

TEST FREQUENCY (MHz)			
614.125			
Test Volte	Frequency	Error(KHz)	Error(ppm)
3V	614.12356	-1.442308	2.3485577
3.45V	614.12356	-1.442308	2.3485577
2.55V	614.12356	-1.442308	2.3485577
Test Temp	Frequency	Error(KHz)	Error(ppm)
-30	614.12756	2.564103	4.17521352
-20	614.12772	2.724359	4.43616365
-10	614.12837	3.365385	5.47996743
0	614.12853	3.525641	5.74091757
+10	614.12804	3.044872	4.95806554
+20	614.12692	1.923077	3.13140973
+30	614.12516	0.160256	0.26095013



Worldwide Testing Services(Taiwan) Co., Ltd.

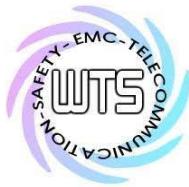
Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

+40	614.12324	-1.762821	2.8704596
+50	614.1234	-1.602564	2.60950784
Limit		30.70625	50

TEST FREQUENCY (MHz)			
615.875			
Test Volte	Frequency	Error(KHz)	Error(ppm)
3V	615.87356	-1.442308	2.34188431
3.45V	615.87372	-1.282051	2.08167404
2.55V	615.87372	-1.282051	2.08167404
Test Temp	Frequency	Error(KHz)	Error(ppm)
-30	615.87772	2.724359	4.42355835
-20	615.87772	2.724359	4.42355835
-10	615.87837	3.365385	5.46439618
0	615.87837	3.365385	5.46439618
+10	615.87804	3.044872	4.94397727
+20	615.87692	1.923077	3.12251187
+30	615.87516	0.160256	0.26020865
+40	615.8734	-1.602564	2.60209296
+50	615.87324	-1.762821	2.86230323
Limit		30.79375	50

TEST FREQUENCY (MHz)			
657.125			
Test Volte	Frequency	Error(KHz)	Error(ppm)
3V	657.12436	-0.64103	0.97550694
3.45V	657.12436	-0.641026	0.97550086
2.55V	657.12436	-0.641026	0.97550086
Test Temp	Frequency	Error(KHz)	Error(ppm)
-30	657.12724	2.24359	3.41425147
-20	657.12981	4.807692	7.31625185
-10	657.12997	4.967949	7.56012783
0	657.12997	4.967949	7.56012783
+10	657.12965	4.647436	7.0723774
+20	657.12869	3.685897	5.60912612
+30	657.12608	1.080769	1.64469317
+40	657.12436	-0.64103	0.97550694
+50	657.12436	-0.641026	0.97550086
Limit		32.85625	50



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

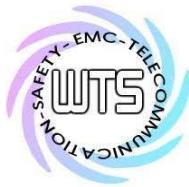
TEST FREQUENCY (MHz)			
662.875			
Test Volte	Frequency	Error(KHz)	Error(ppm)
3V	662.87452	-0.480769	0.72527852
3.45V	662.87436	-0.641026	0.96703903
2.55V	662.87452	-0.480769	0.72527852
Test Temp	Frequency	Error(KHz)	Error(ppm)
-30	662.8774	2.403846	3.62639412
-20	662.87821	3.205128	4.83519216
-10	662.88013	5.128205	7.73630775
0	662.88013	5.128205	7.73630775
+10	662.87981	4.807692	7.25278823
+20	662.87901	4.00641	6.04399019
+30	662.87592	0.923077	1.39253555
+40	662.87464	-0.358974	0.54154101
+50	662.87448	-0.519231	0.78330153
Limit		33.14375	50

Limit According to FCC 15.236(f)(3)
The frequency tolerance of the transmitter shall be 0.005 percent.

Test equipment used: ETSTW-RE 055, ETSTW-CE 009

Limit According to FCC 15.236(f)(3)
The frequency tolerance of the transmitter shall be 0.005 percent.

Test equipment used: ETSTW-RE 055



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1

FCC ID: JEBUF-21B

8 Line Conducted Emission , FCC 15.207

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power. Near the carrier an Emission Mask is defined by the standard.

8.1 Test procedure

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.

This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.

8.2 Test Results

Model: UF-21B Date: --
Mode: -- Temperature: -- °C Engineer: --
Polarization: N Humidity: -- %

Frequency (MHz)	Reading (dBuV) QP Ave.		Factor (dB) Corr.	Result (dBuV) QP Ave.		Limit (dBuV) QP Ave.		Margin (dB)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Polarization: L1

Frequency (MHz)	Reading (dBuV) QP Ave.		Factor (dB) Corr.	Result (dBuV) QP Ave.		Limit (dBuV) QP Ave.		Margin (dB)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Note: 1. The formula of measured value as: Test Result = Reading + Correction Factor

2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss

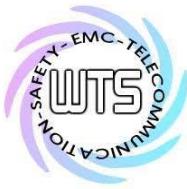
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average

4. All not in the table noted test results are more than 20 dB below the relevant limits.

5. Up Line: QP Limit Line, Down Line: Ave Limit Line.

6. This test is not required because the EUT uses battery.

Test equipment used: ETSTW-CE 001, ETSTW-CE 016, ETSTW-RE 045



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Appendix

A Photos

1. External Photos
2. Internal Photos
3. Set Up Photo of Radiated Emission

B Measurement diagrams

Radiation Spurious Emission



Worldwide Testing Services(Taiwan) Co., Ltd.

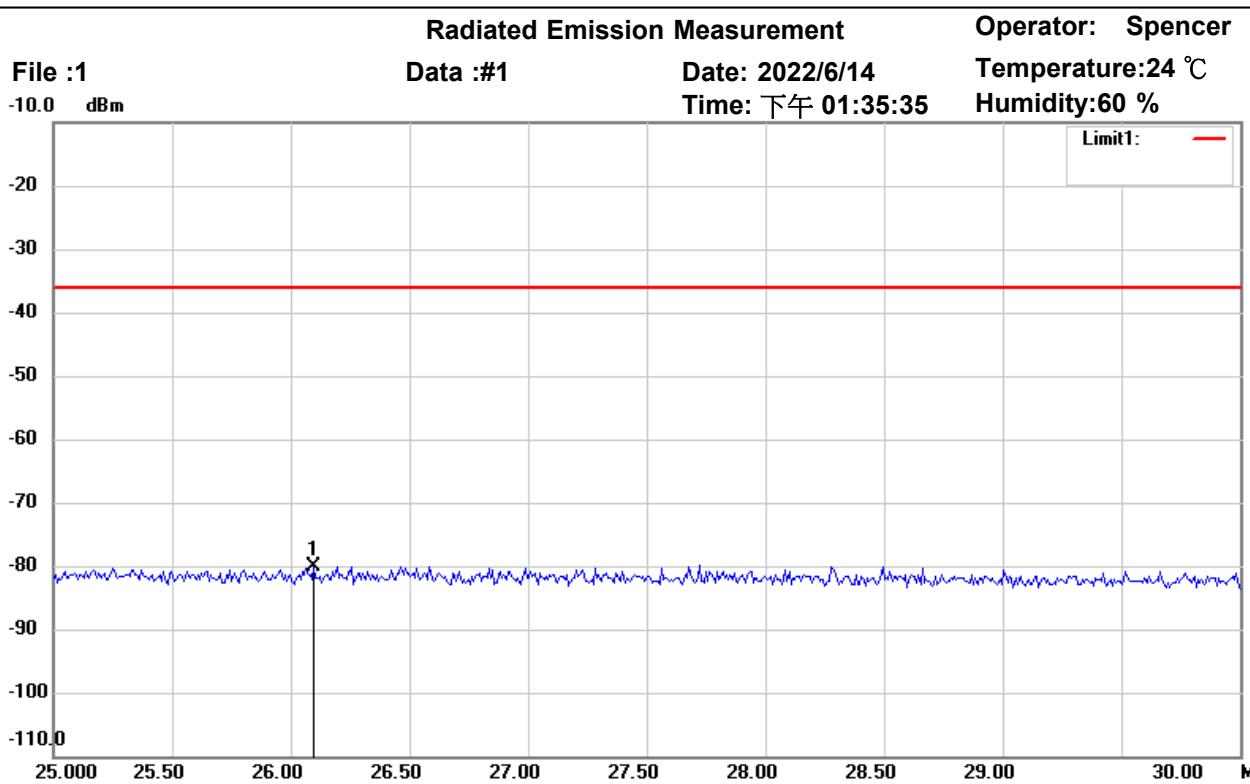
Registration number: W6M22108-21180-C-1
FCC ID: JEBUF-21B

Measurement diagrams

Radiation Spurious Emission



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879



Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

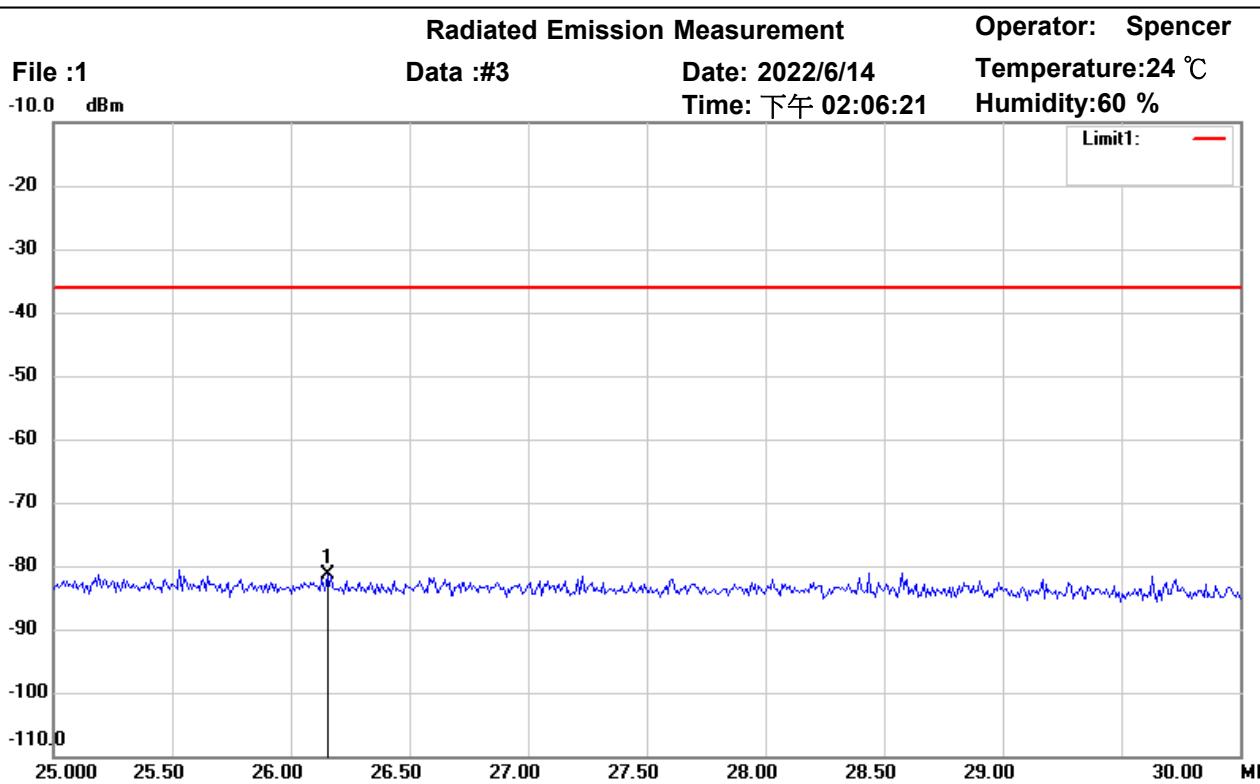
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	26.0978	-105.47	peak	25.45	-80.02	-36.00	150	163	-44.02	



Address: 6F., No.58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879



Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

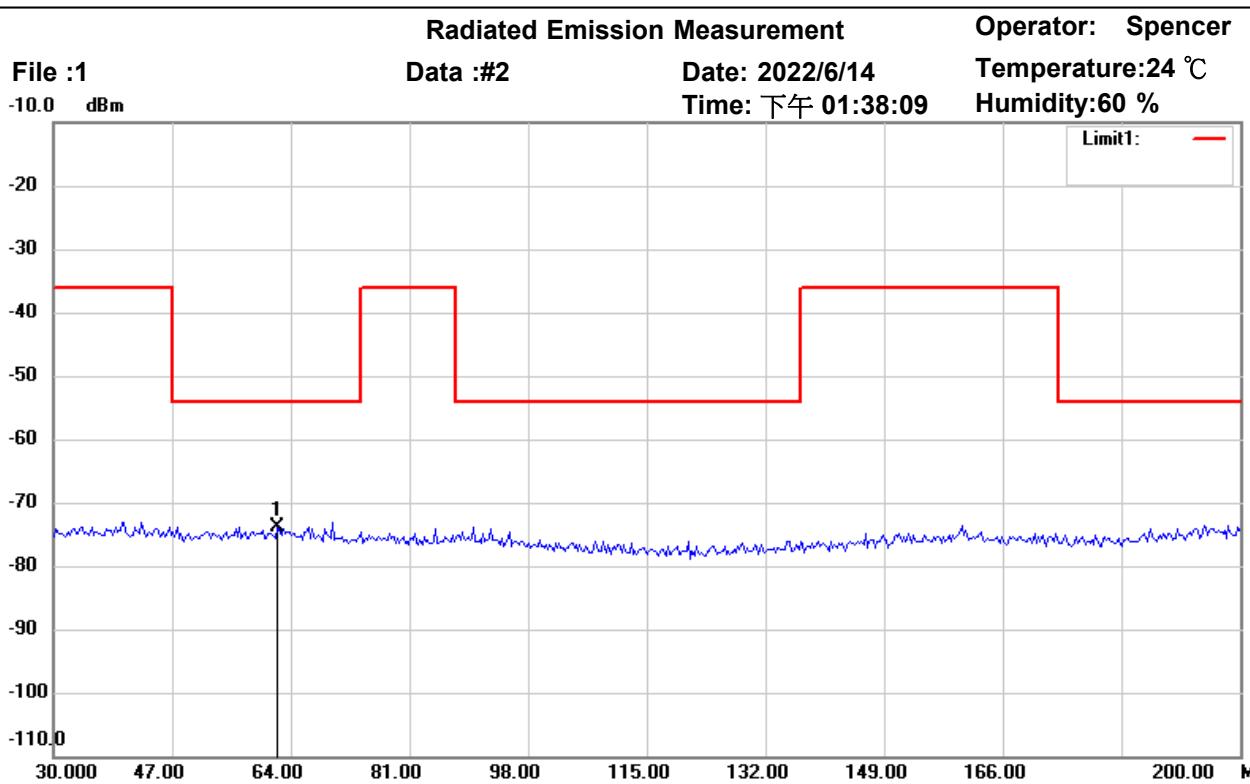
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	26.1537	-105.78	peak	24.35	-81.43	-36.00	150	87	-45.43	



Address: 6F., No.58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879



Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

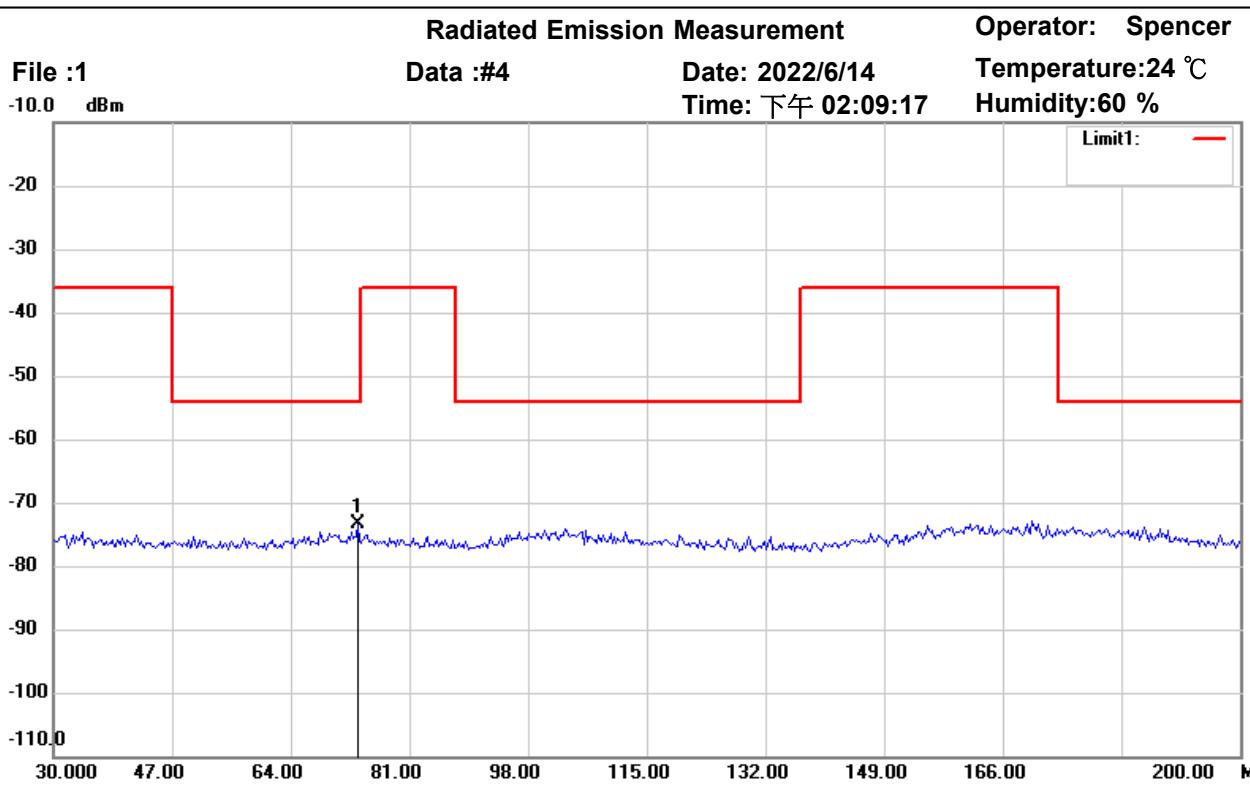
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	62.1474	-96.24	peak	22.48	-73.76	-54.00	150	140	-19.76	



Address: 6F., No.58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879



Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

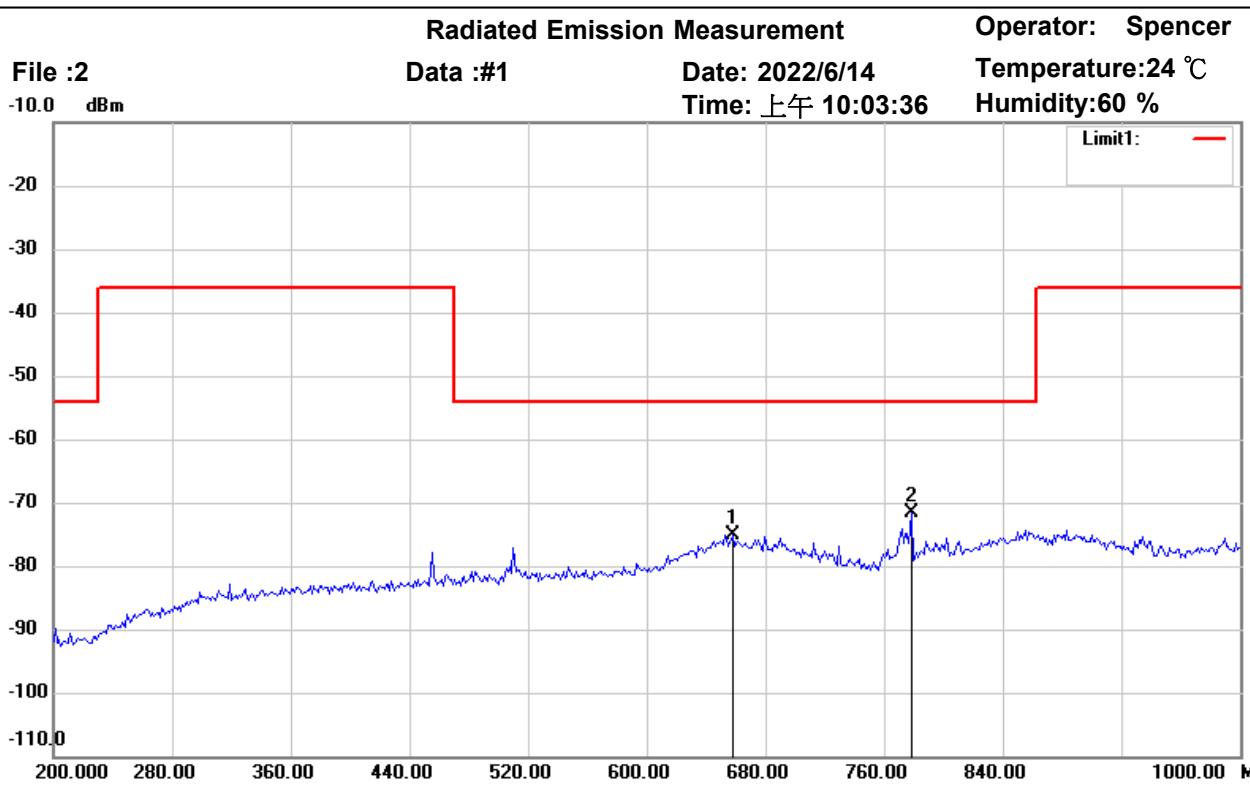
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	73.5897	-94.65	peak	21.38	-73.27	-54.00	150	201	-19.27	



Address: 6F., No.58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879



Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

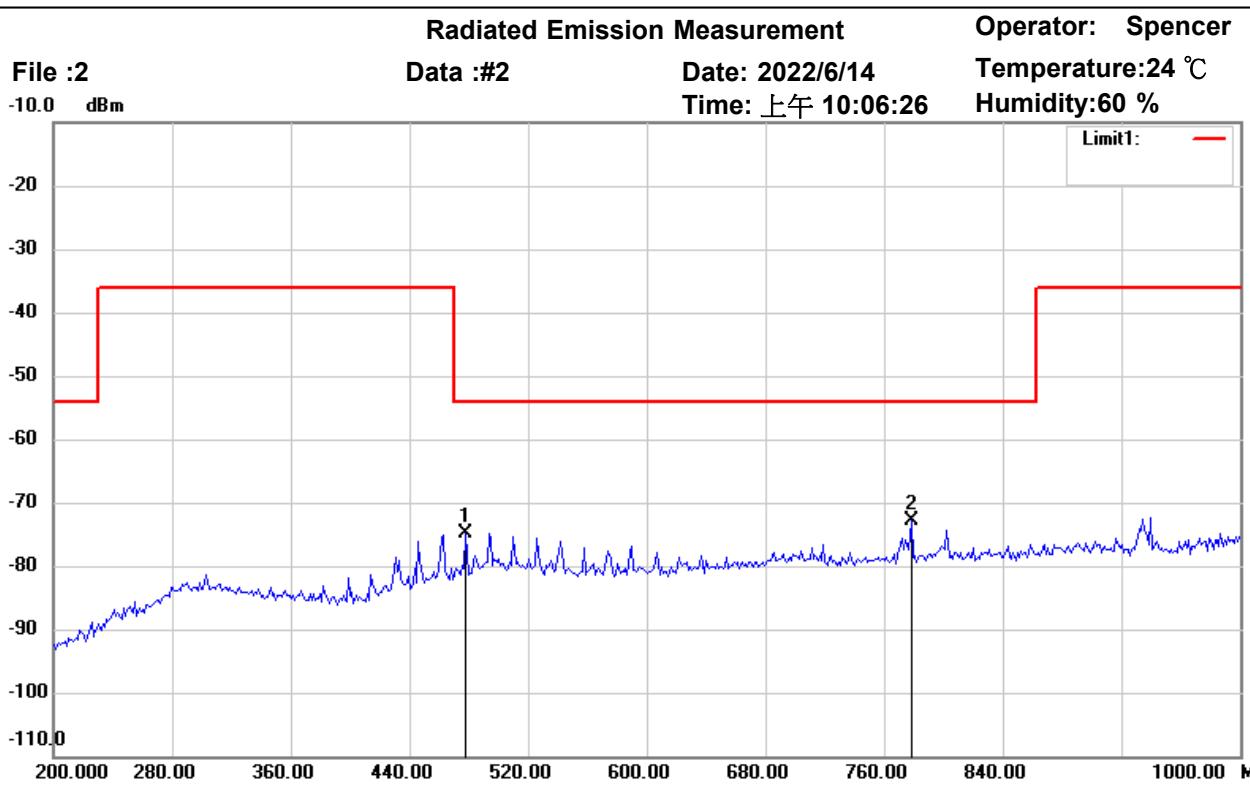
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	657.6923	-73.47	peak	-1.64	-75.11	-54.00	150	110	-21.11	
*	778.2051	-67.39	peak	-4.31	-71.70	-54.00	150	230	-17.70	



Address: 6F., No.58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879



Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

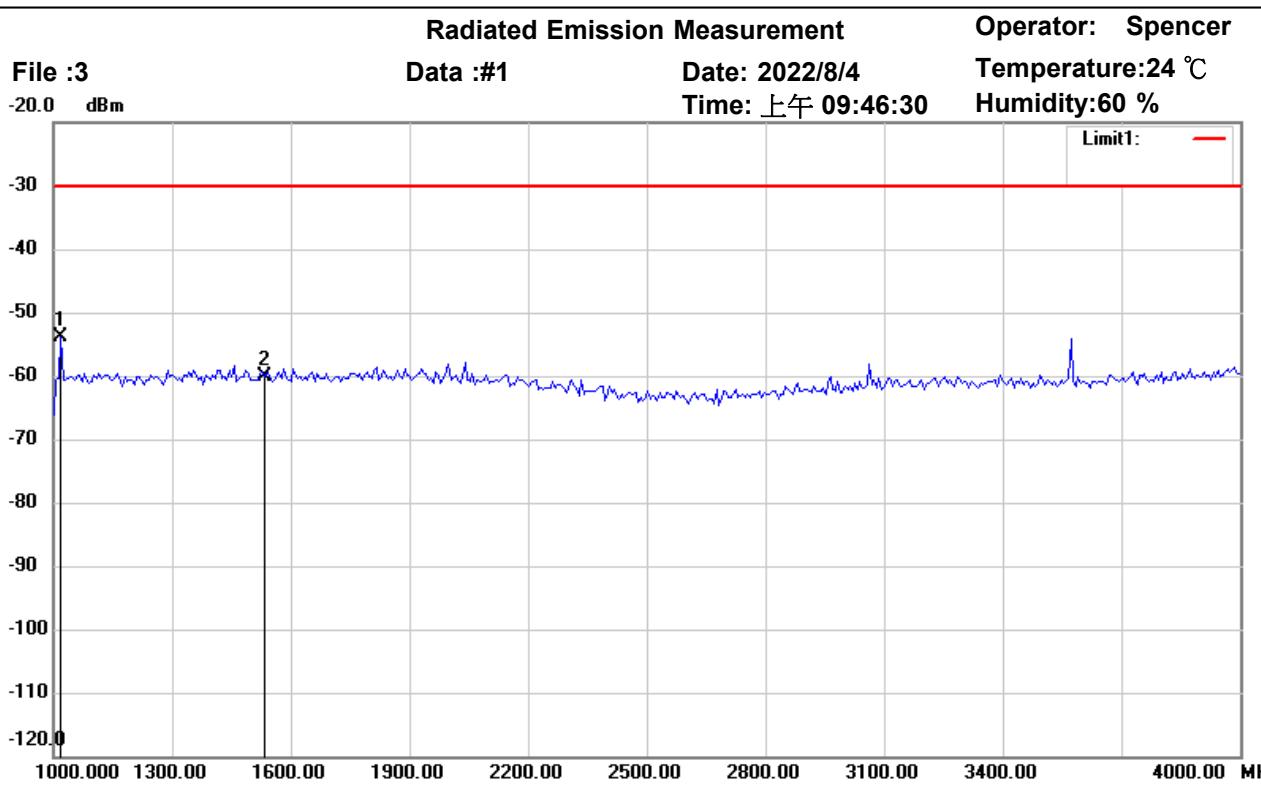
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	478.2051	-66.59	peak	-8.29	-74.88	-54.00	150	100	-20.88	
*	778.2051	-68.97	peak	-3.93	-72.90	-54.00	150	41	-18.90	



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879



Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

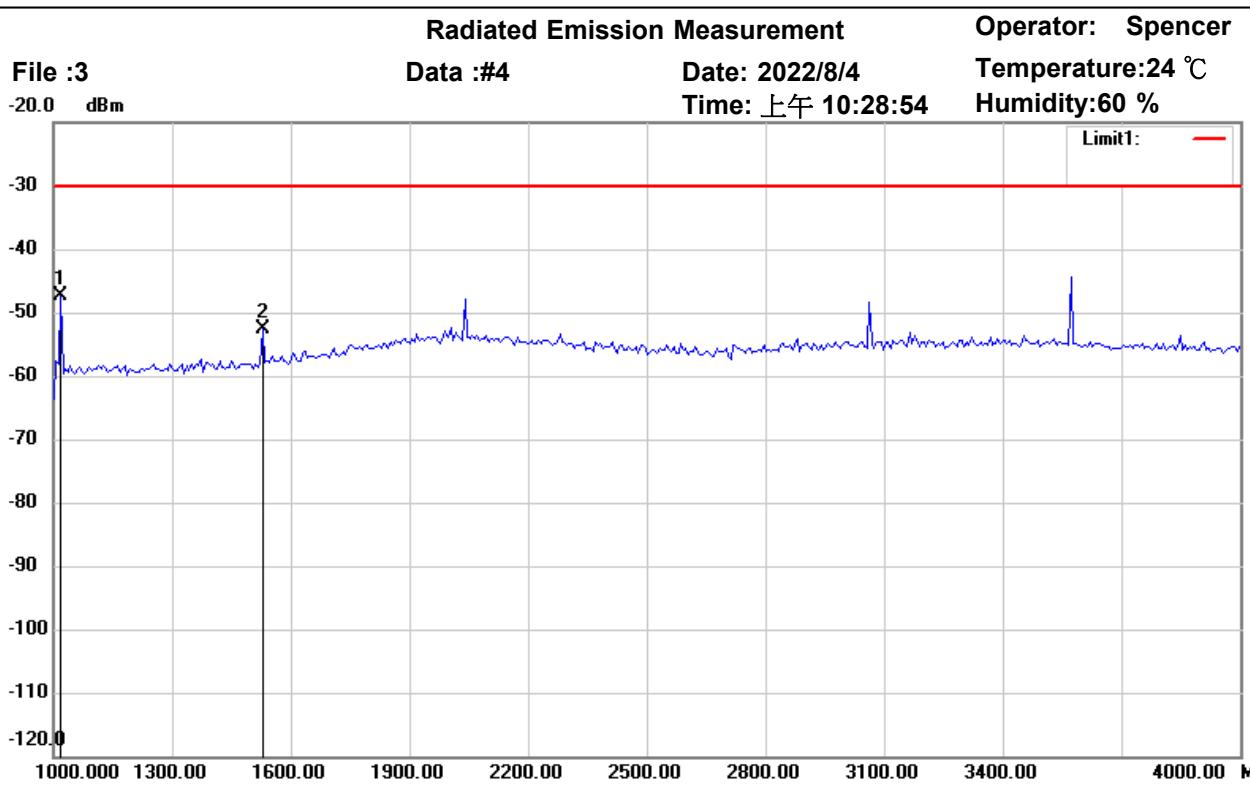
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1018.036	-57.47	peak	3.67	-53.80	-30.00	150	102	-23.80	
	1530.375	-63.58	peak	3.57	-60.01	-30.00	150	55	-30.01	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

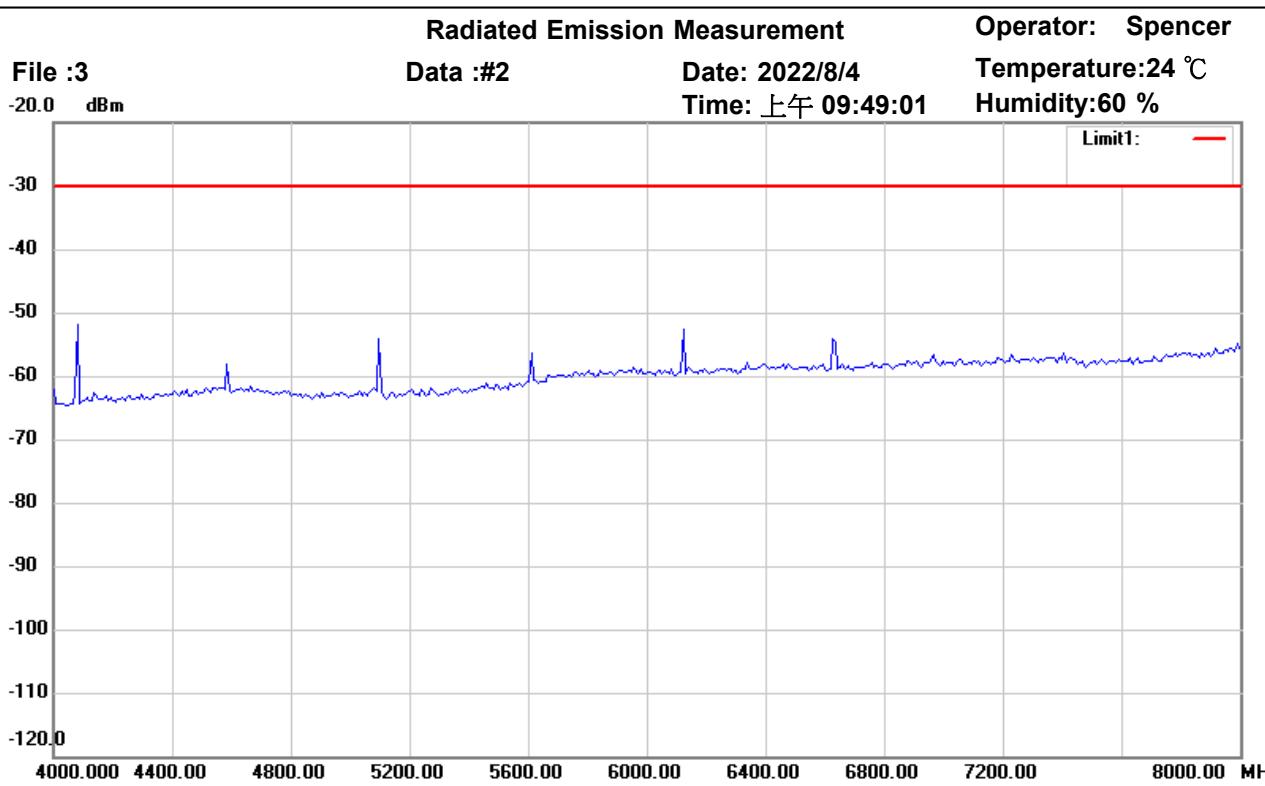
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1018.036	-50.85	peak	3.45	-47.40	-30.00	150	120	-17.40	
	1529.058	-56.36	peak	3.78	-52.58	-30.00	150	66	-22.58	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

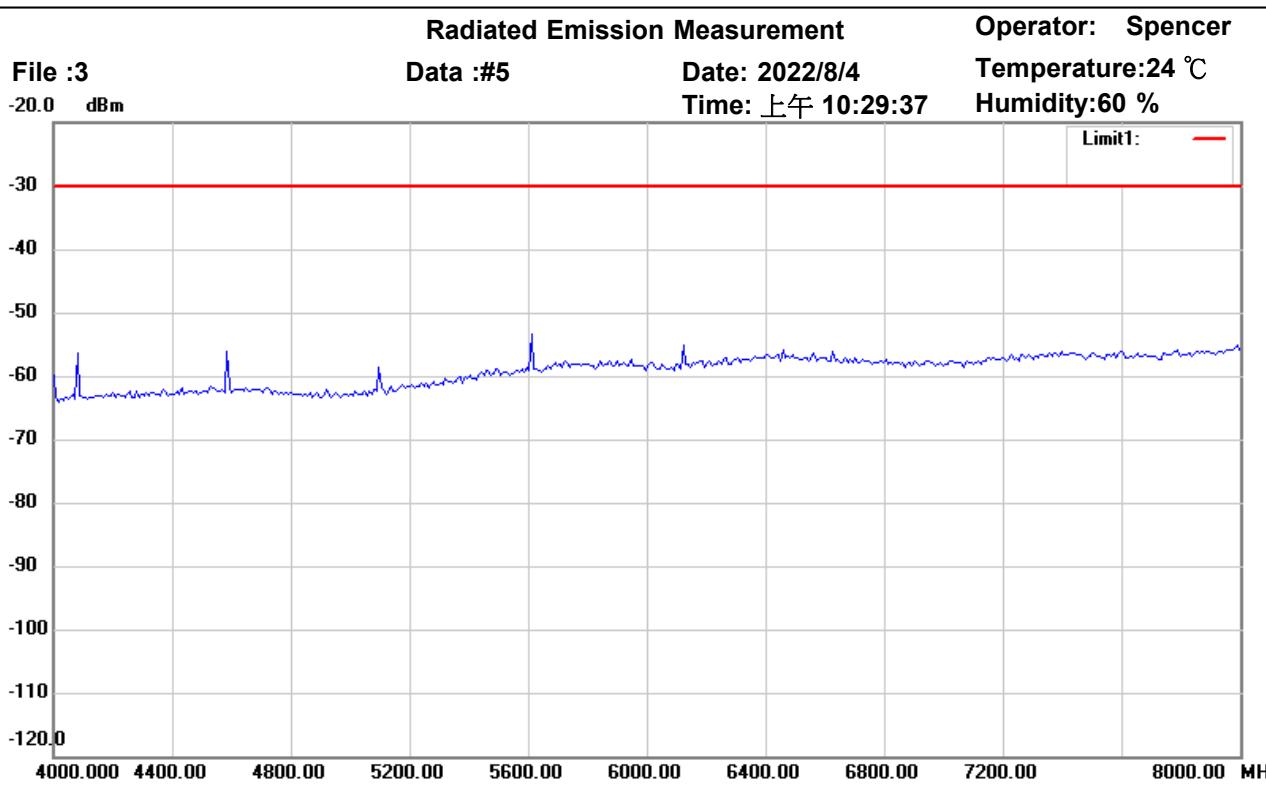
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

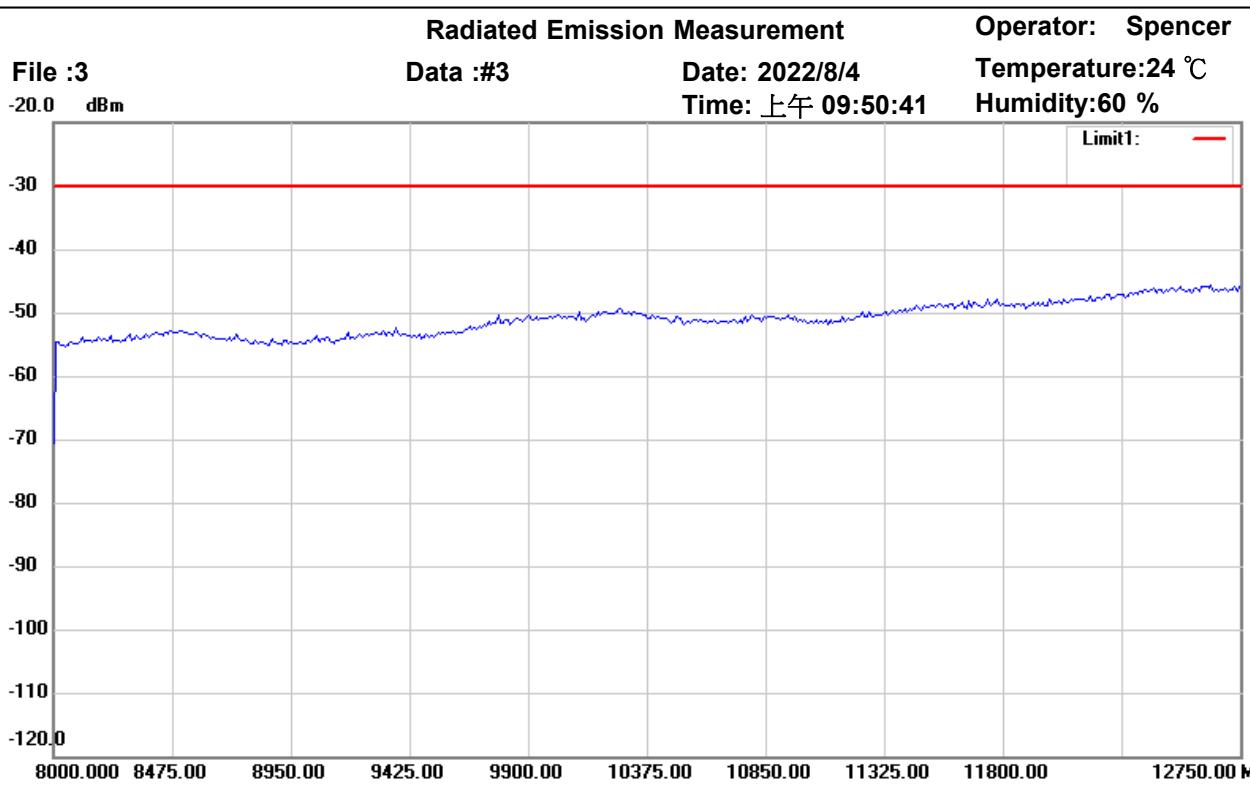
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

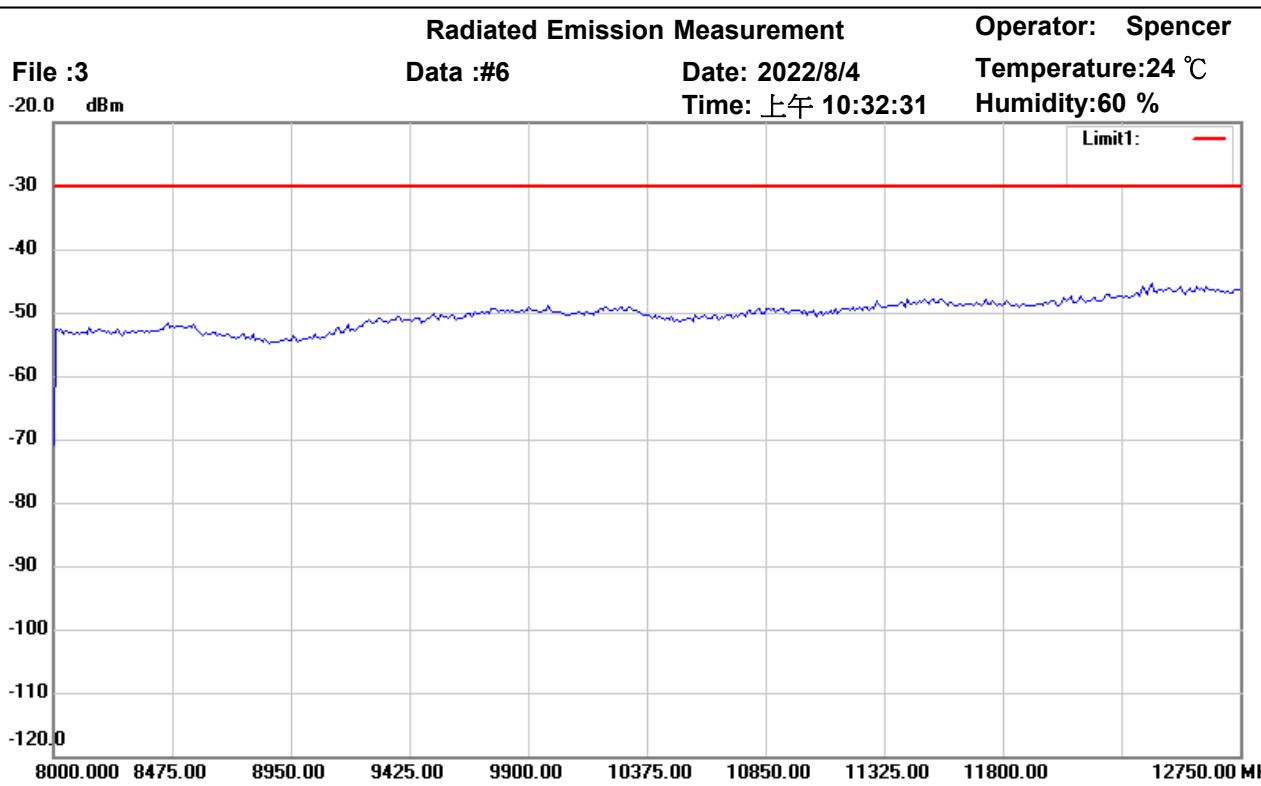
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

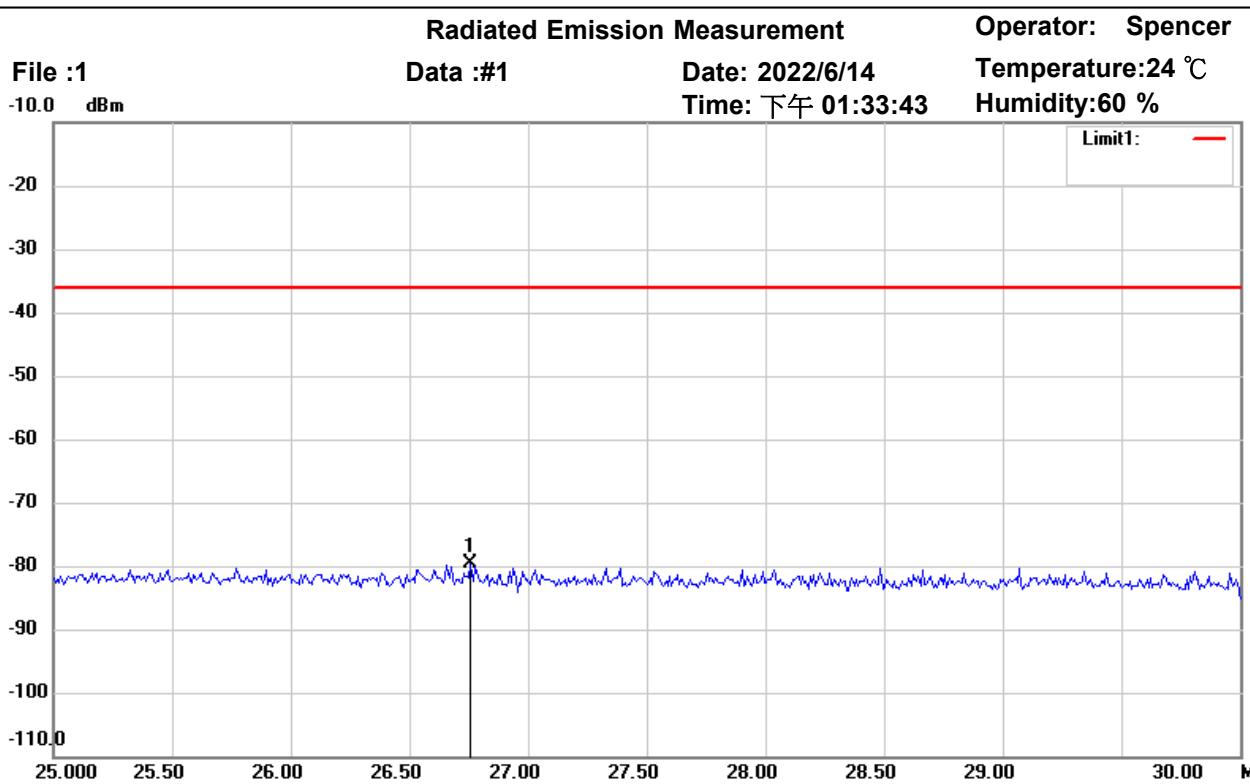
Test Mode : UHF 510.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

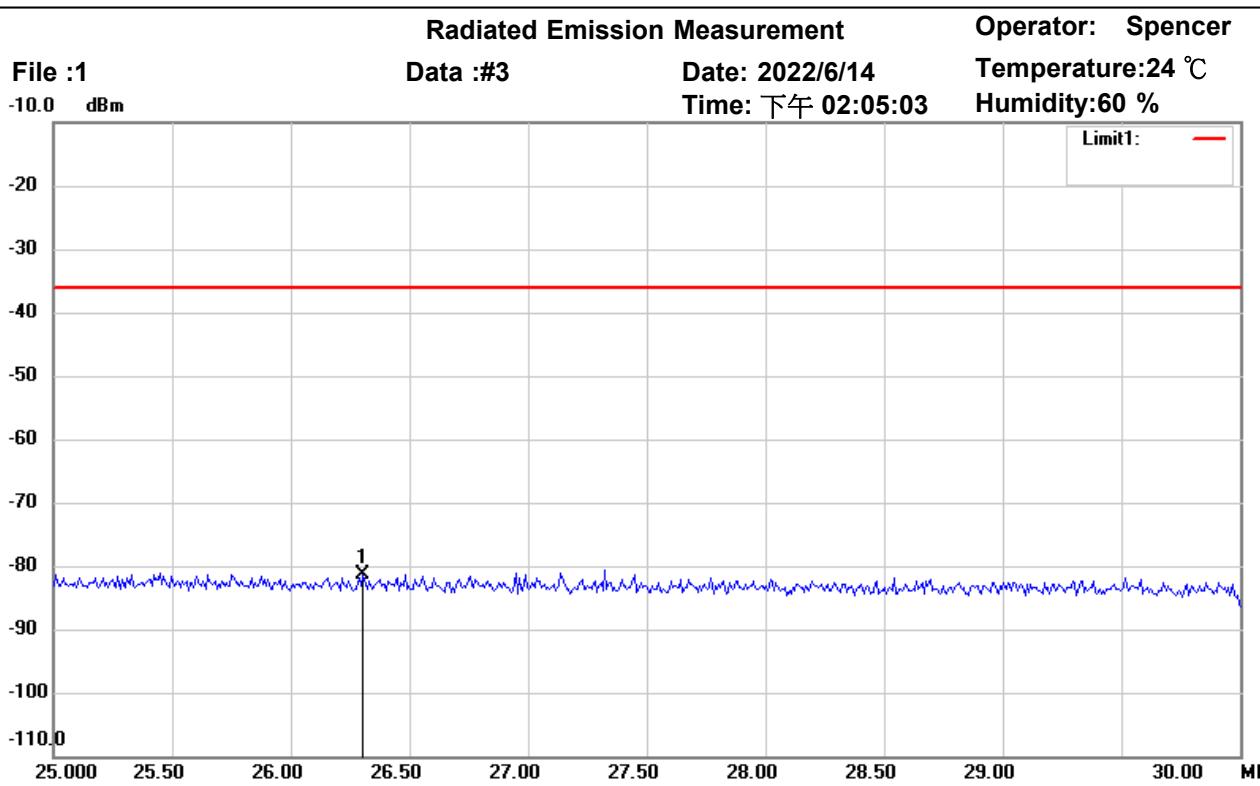
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	26.7548	-105.04	peak	25.33	-79.71	-36.00	150	79	-43.71	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

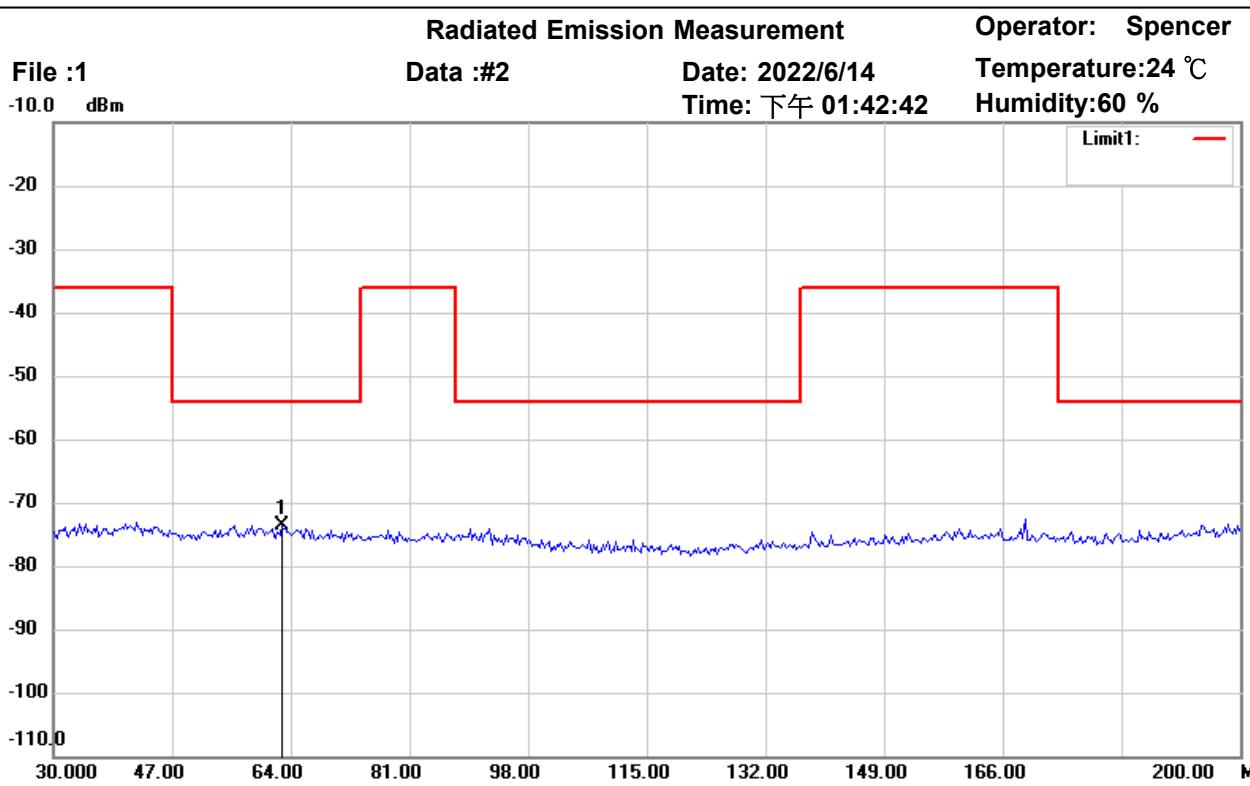
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	26.3061	-105.78	peak	24.32	-81.46	-36.00	150	85	-45.46	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

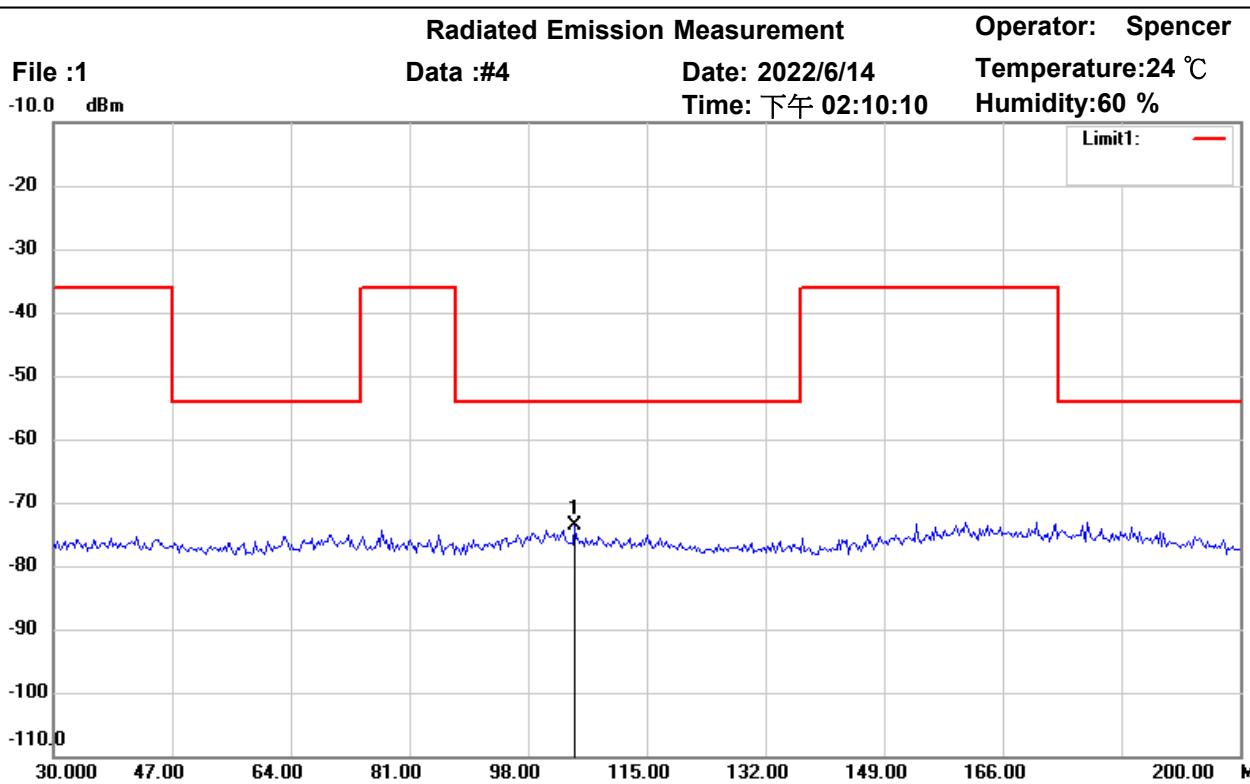
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	62.6923	-96.10	peak	22.45	-73.65	-54.00	150	85	-19.65	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

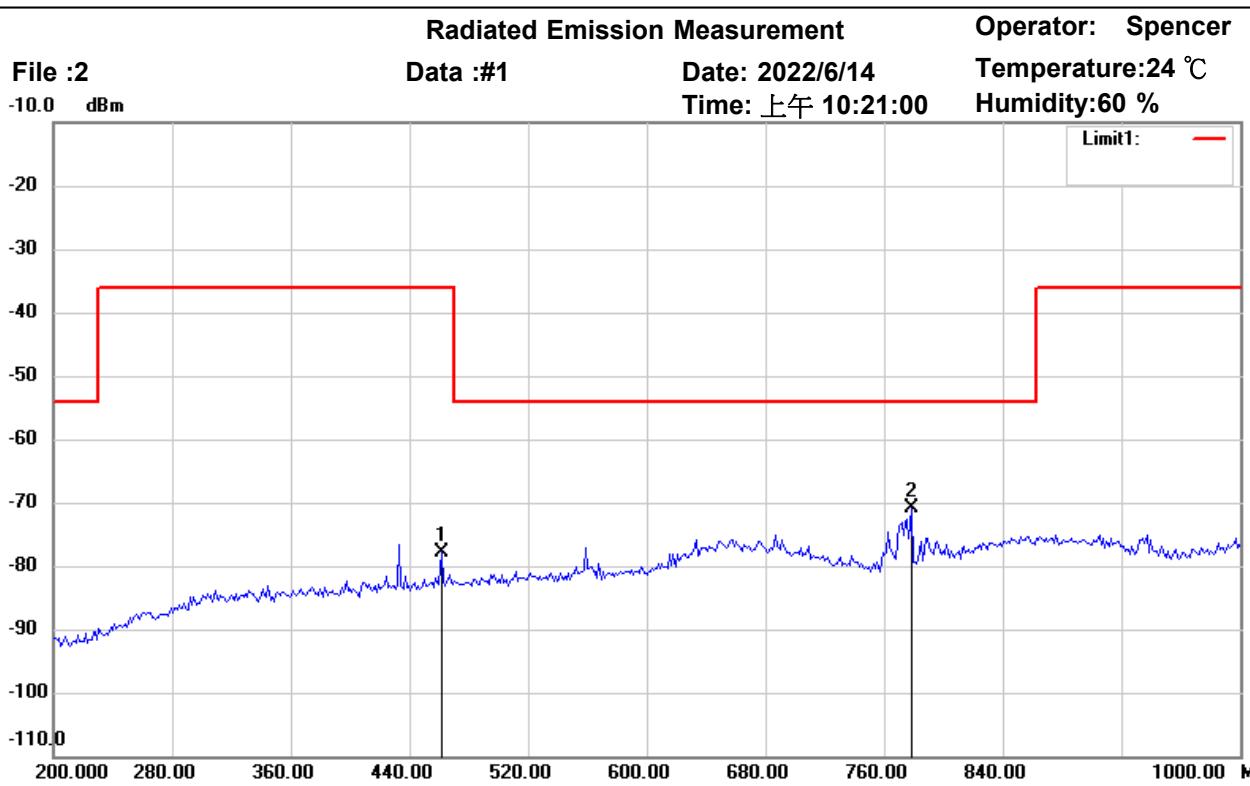
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	104.6474	-95.61	peak	22.00	-73.61	-54.00	150	141	-19.61	



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Site : Chamber

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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

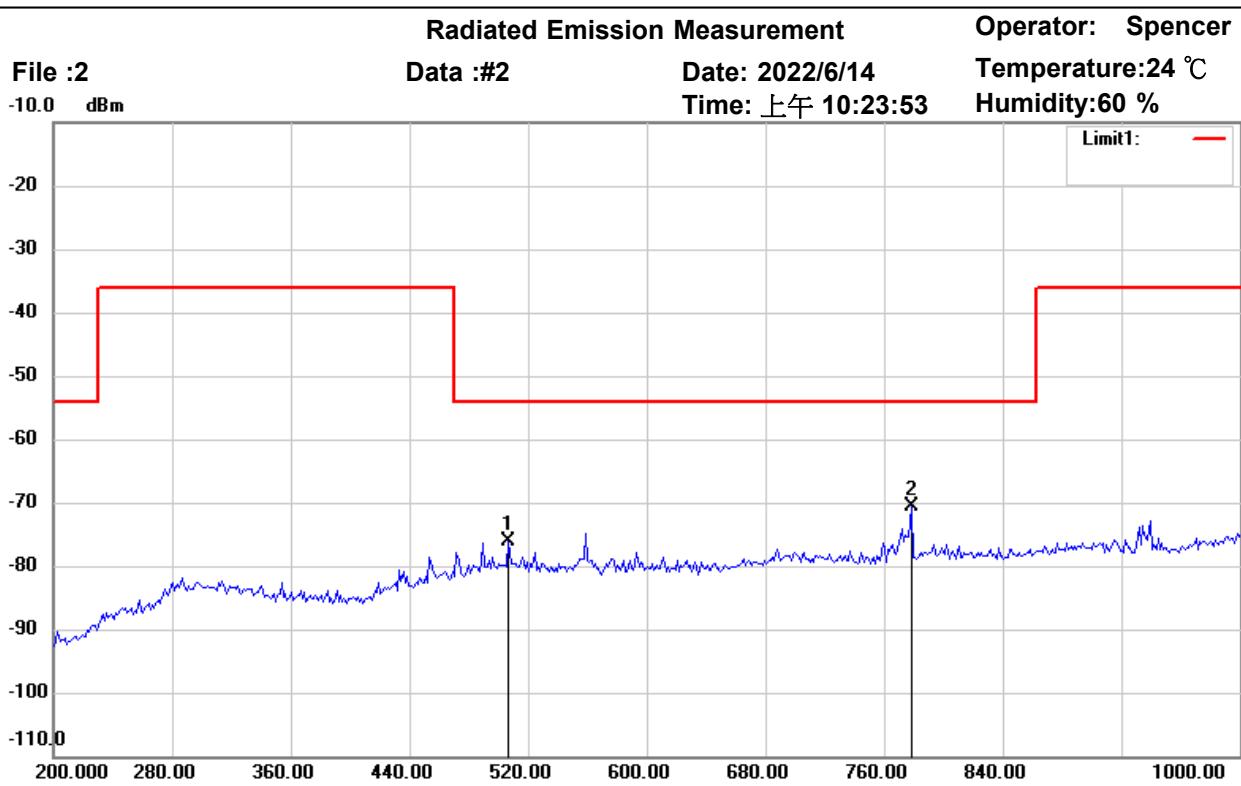
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	461.5385	-69.24	peak	-8.60	-77.84	-36.00	150	266	-41.84	
*	778.2051	-66.44	peak	-4.31	-70.75	-54.00	150	85	-16.75	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

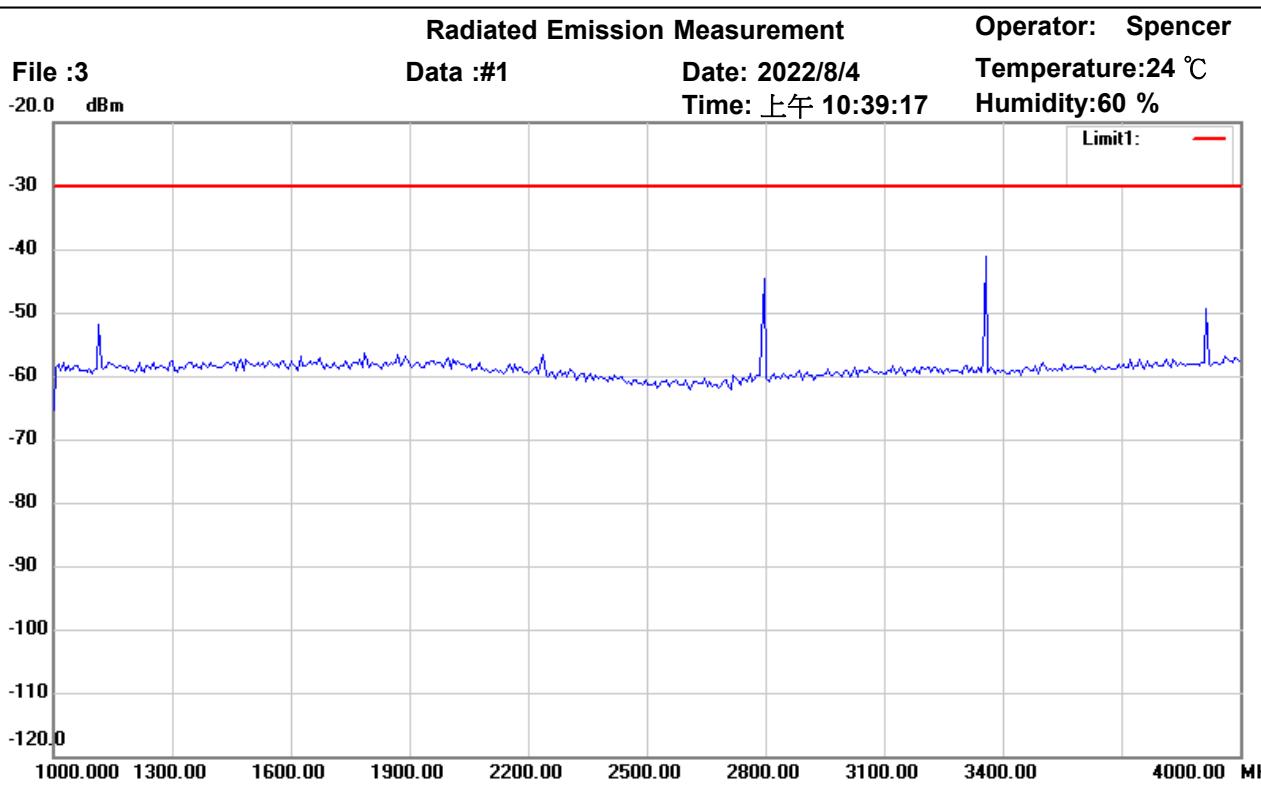
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	506.4103	-69.02	peak	-7.12	-76.14	-54.00	150	112	-22.14	
*	778.2051	-66.66	peak	-3.93	-70.59	-54.00	150	65	-16.59	



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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

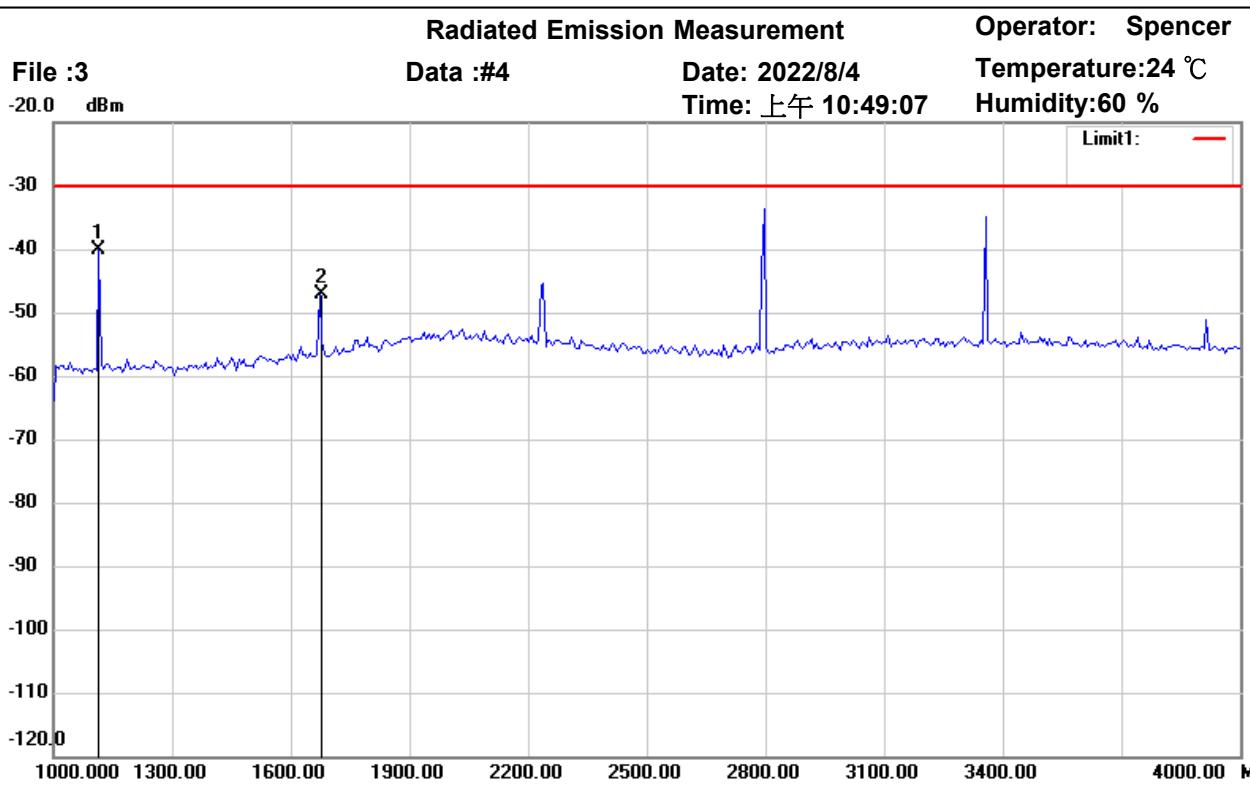
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

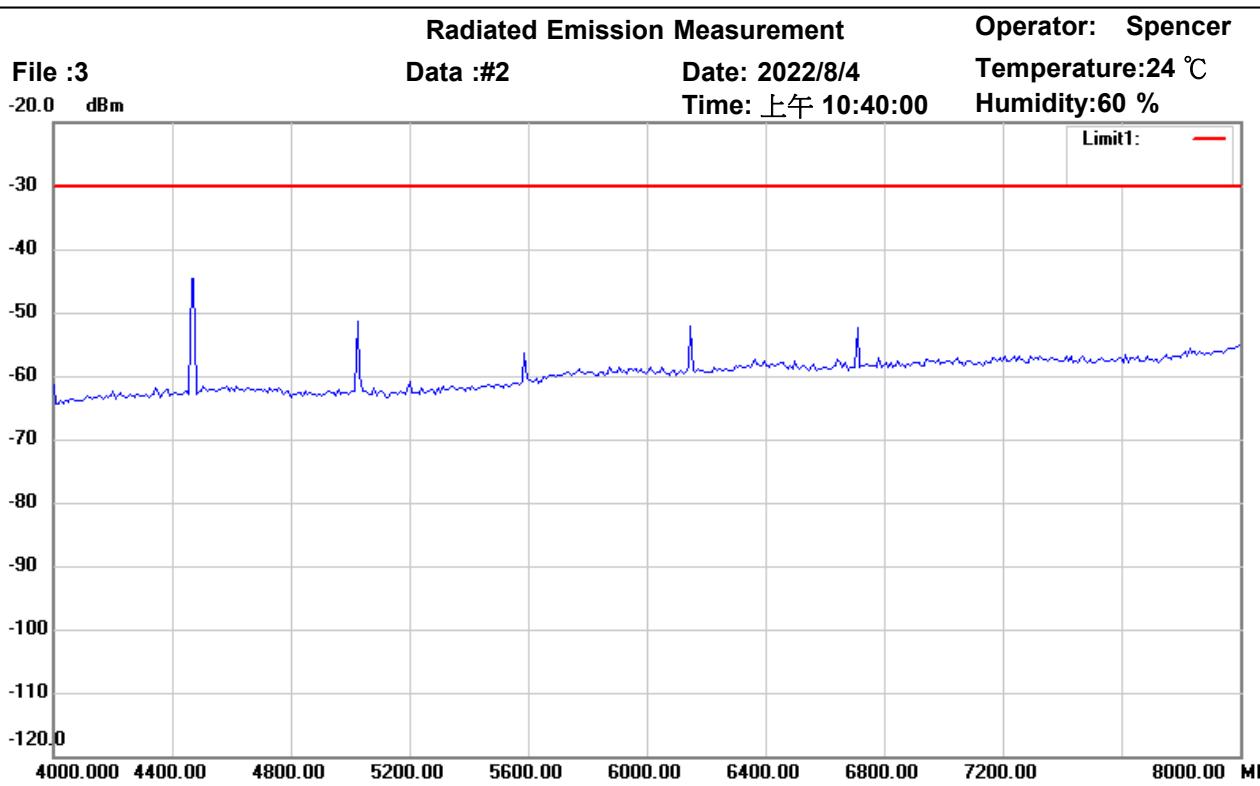
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1114.228	-43.49	peak	3.46	-40.03	-30.00	150	102	-10.03	
	1673.347	-52.34	peak	5.16	-47.18	-30.00	150	330	-17.18	



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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

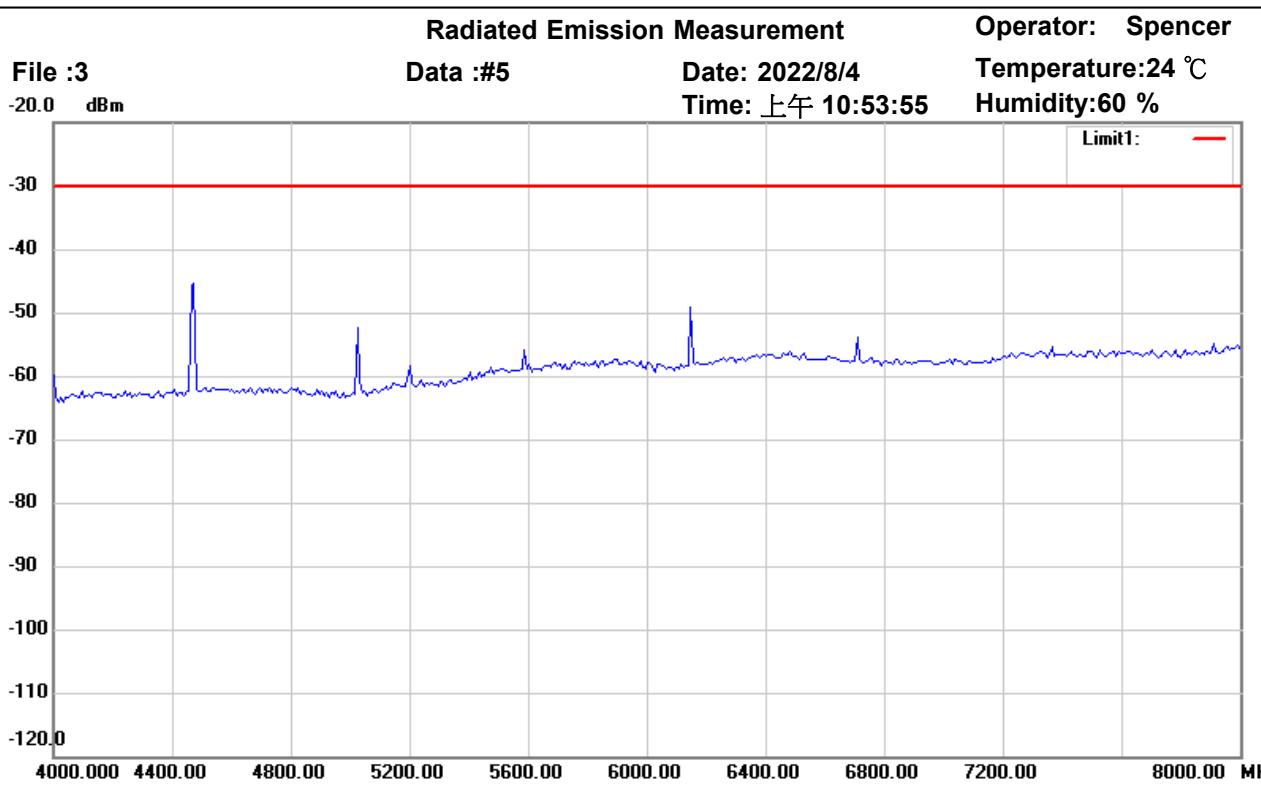
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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M/N:

Distance: 3m

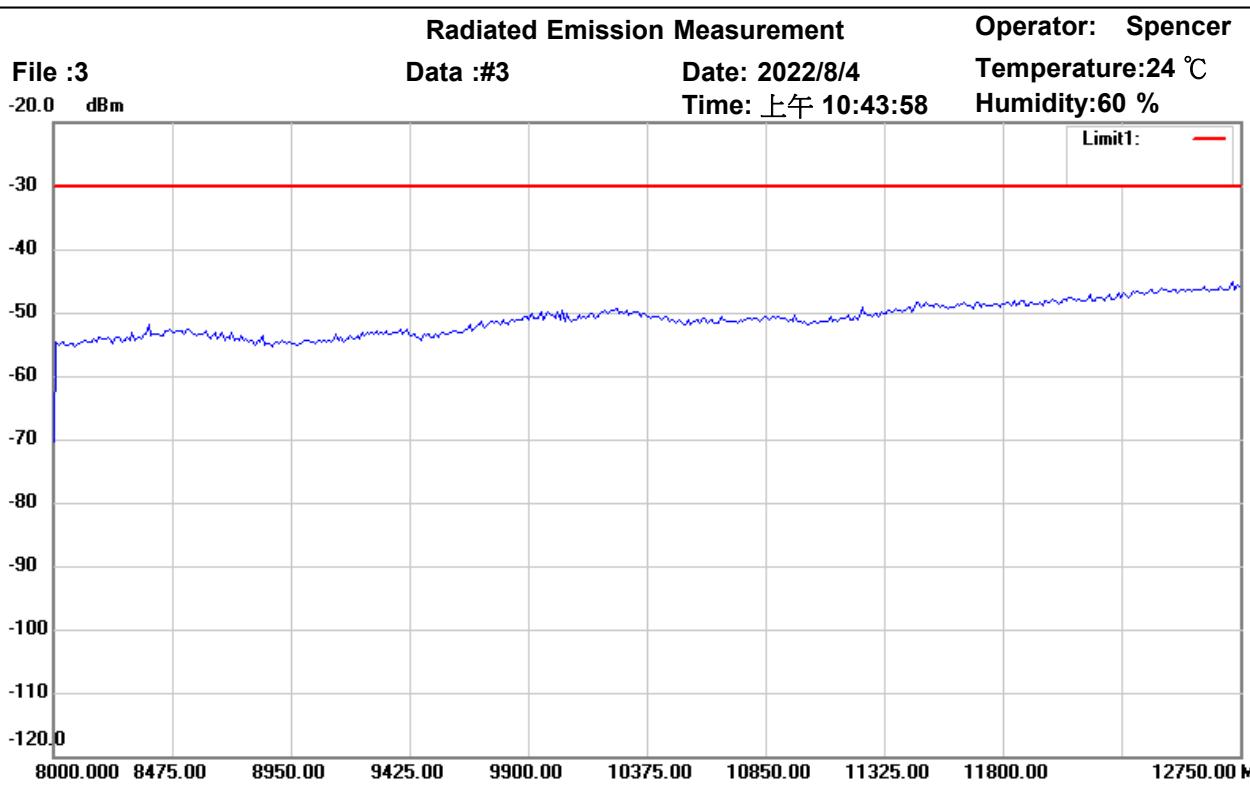
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

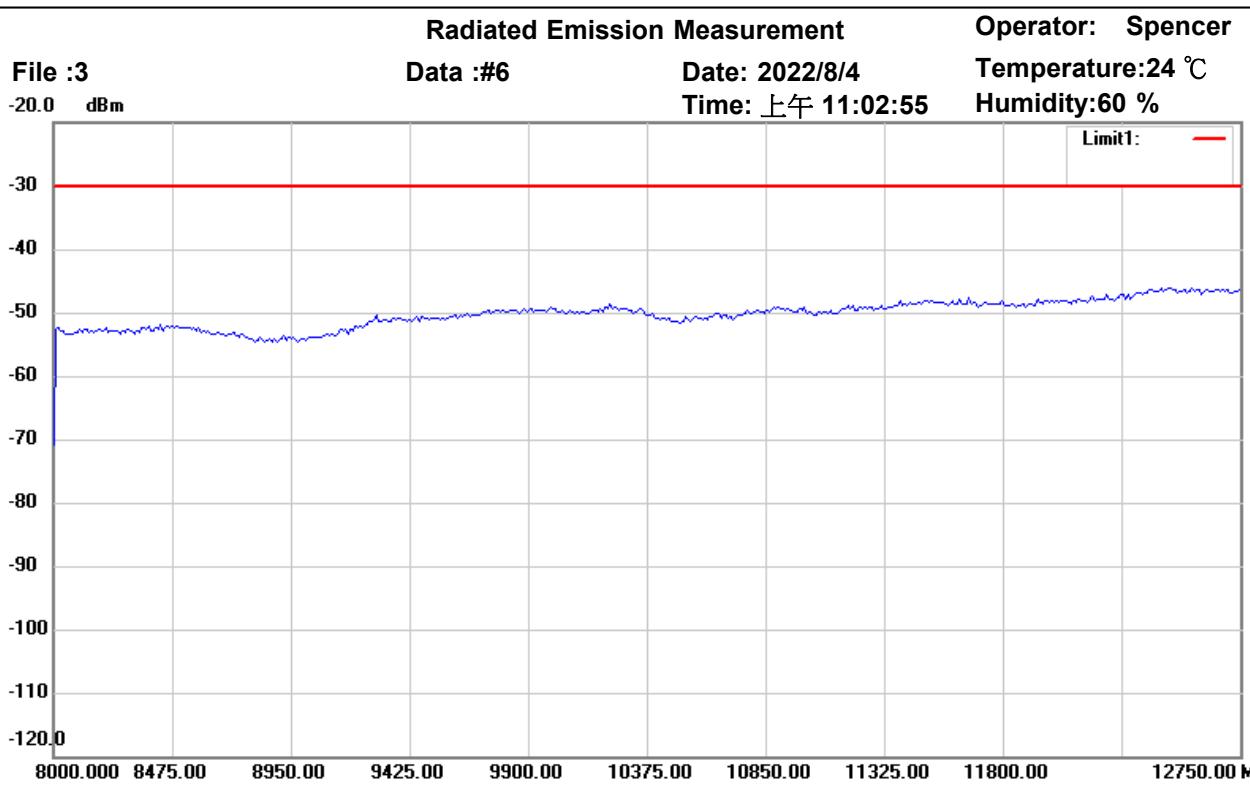
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Polarization: *Vertical*

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Power : 3V D.C.

M/N:

Distance: 3m

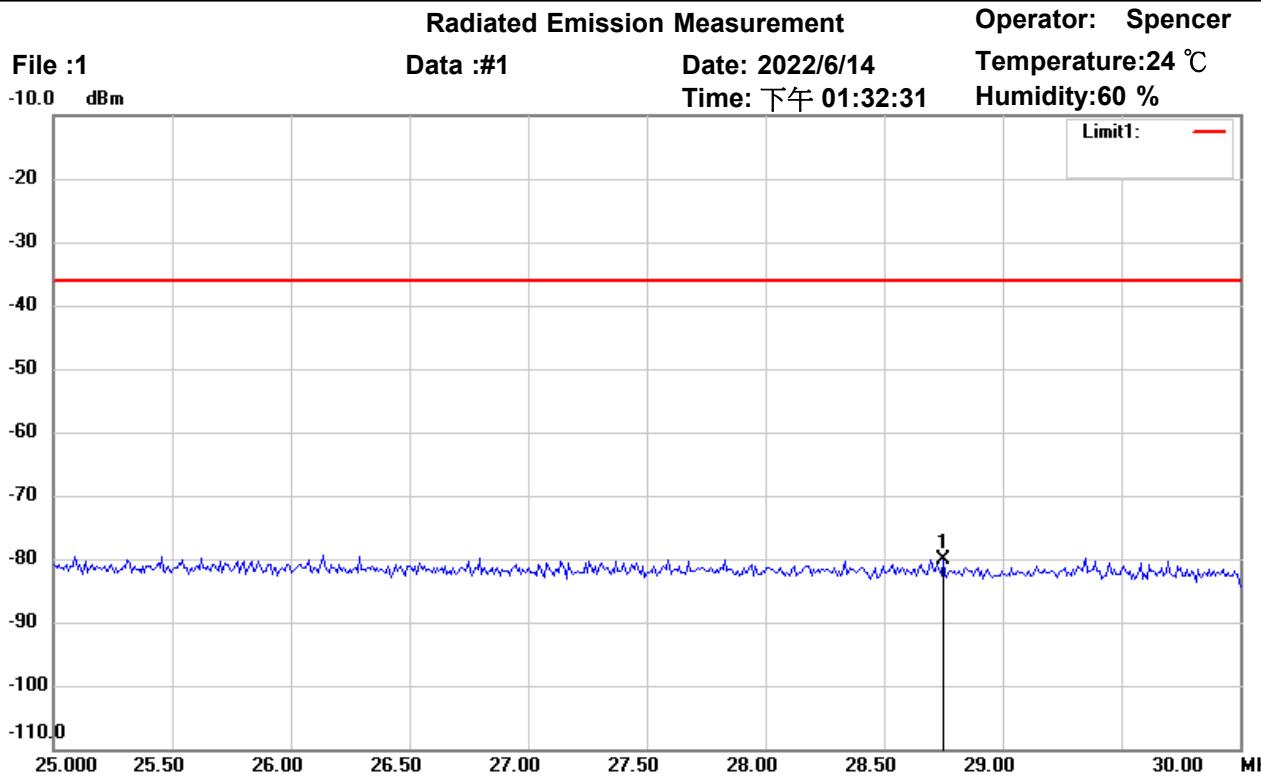
Test Mode : UHF 559MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

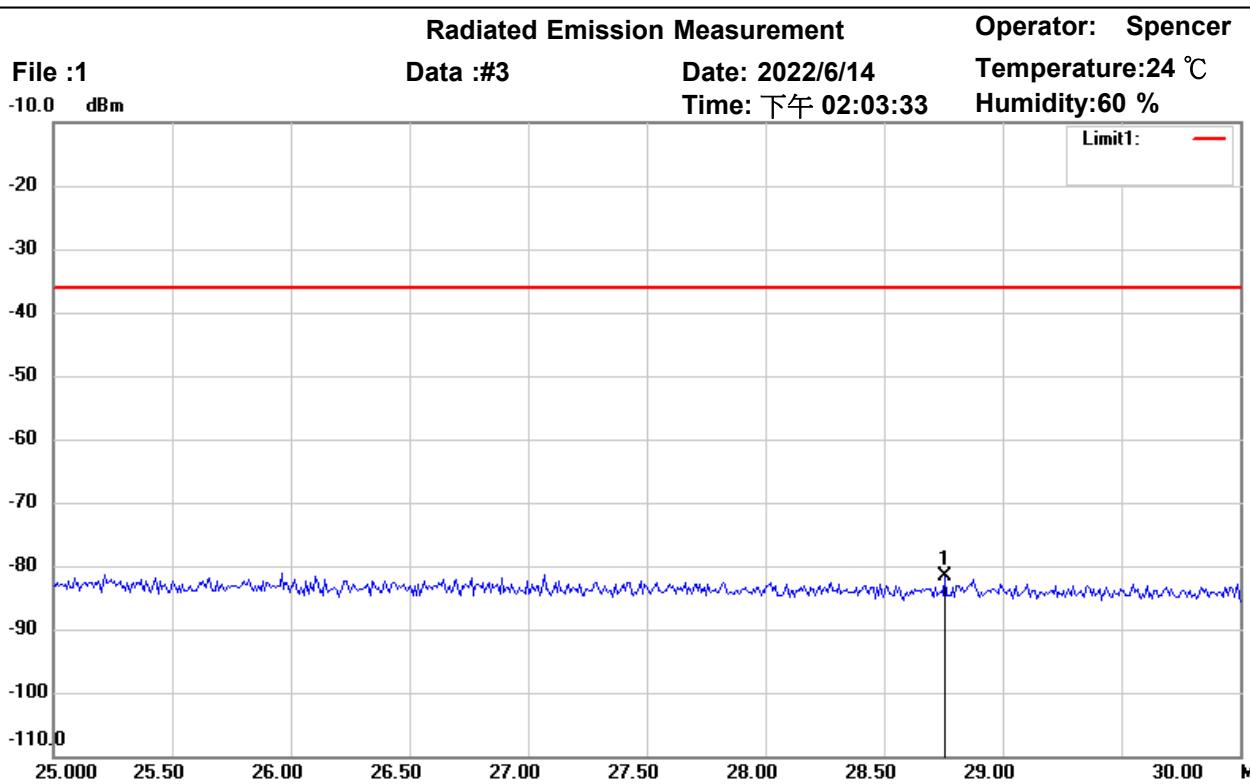
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	28.7500	-105.04	peak	24.95	-80.09	-36.00	150	93	-44.09	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

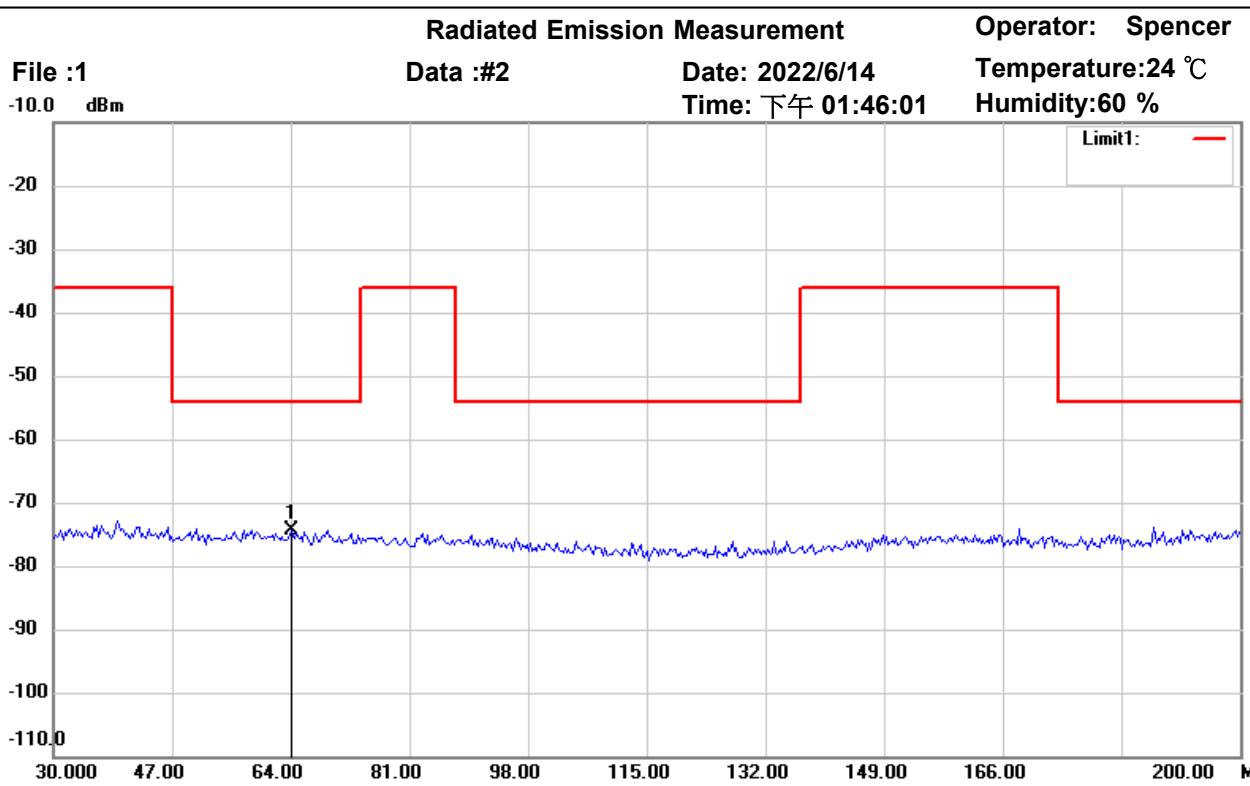
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	28.7580	-105.47	peak	23.73	-81.74	-36.00	150	85	-45.74	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

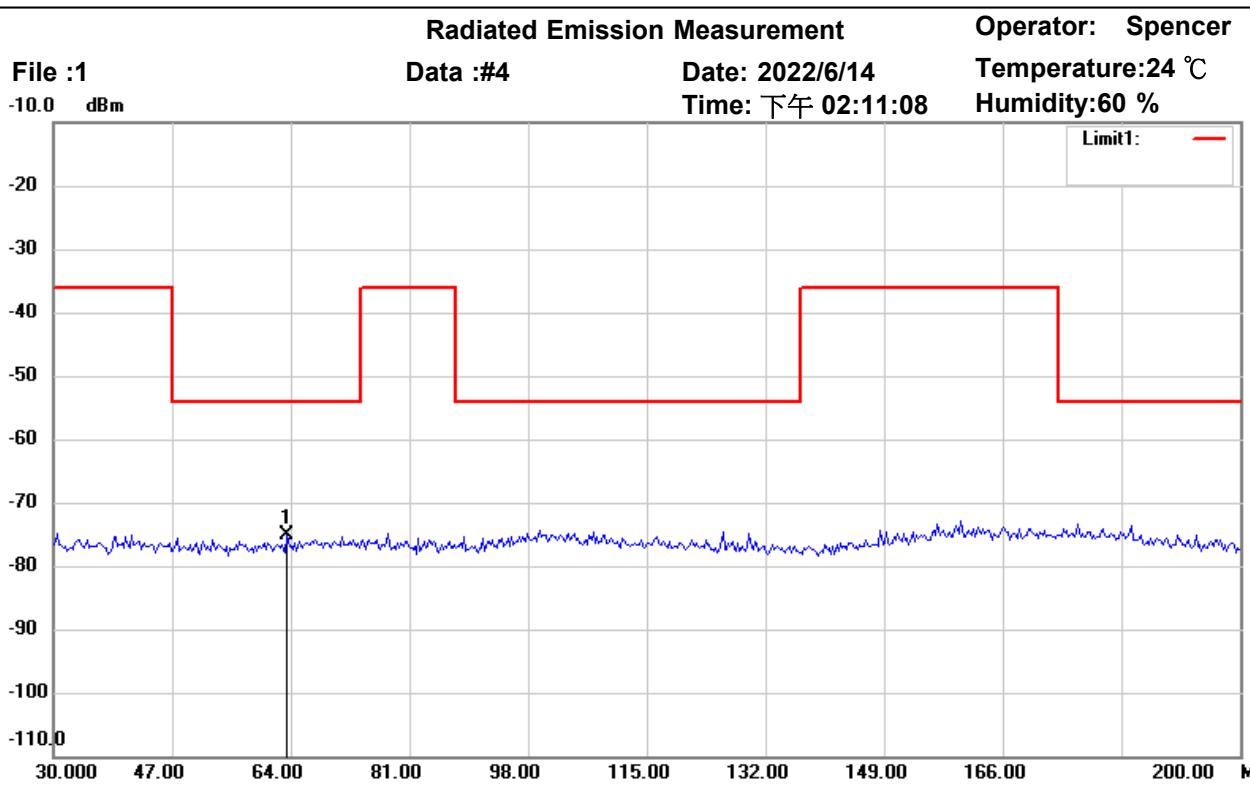
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	64.0545	-96.69	peak	22.37	-74.32	-54.00	150	102	-20.32	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

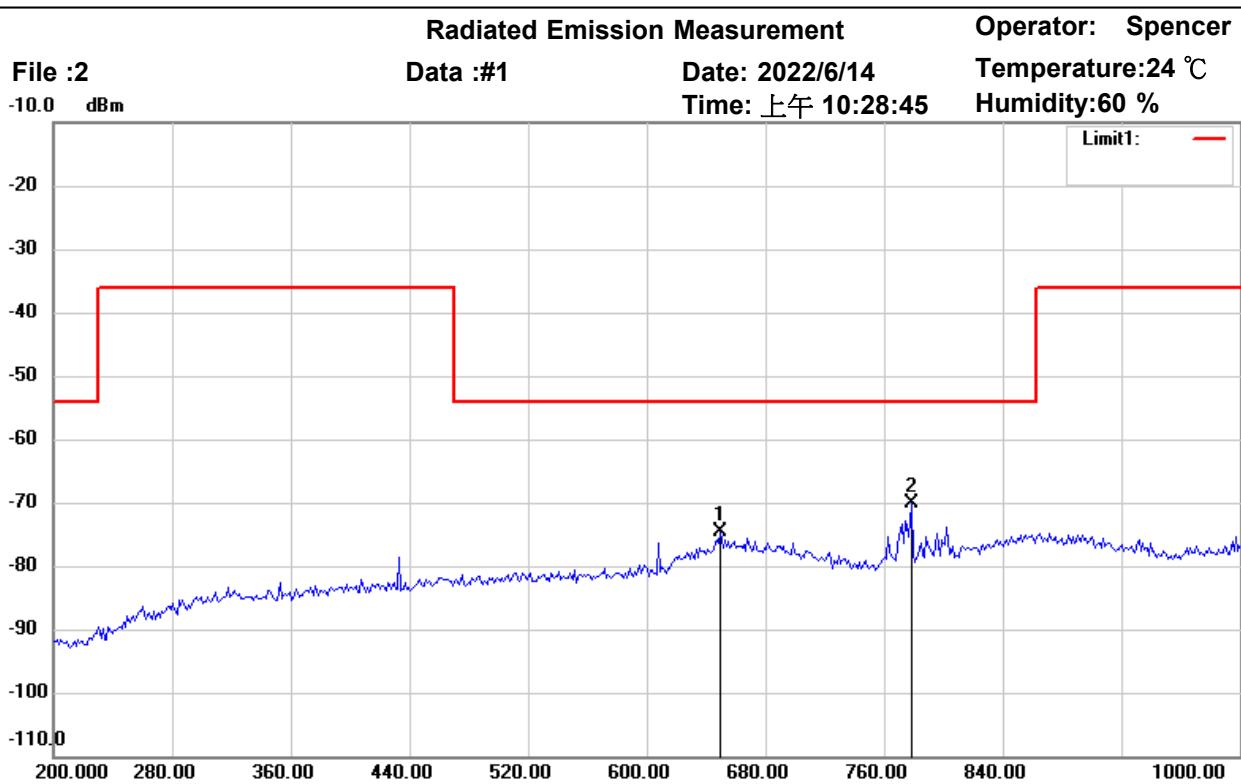
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	63.5096	-95.92	peak	20.90	-75.02	-54.00	150	214	-21.02	



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Polarization: *Horizontal*

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Power : 3V D.C.

M/N:

Distance: 3m

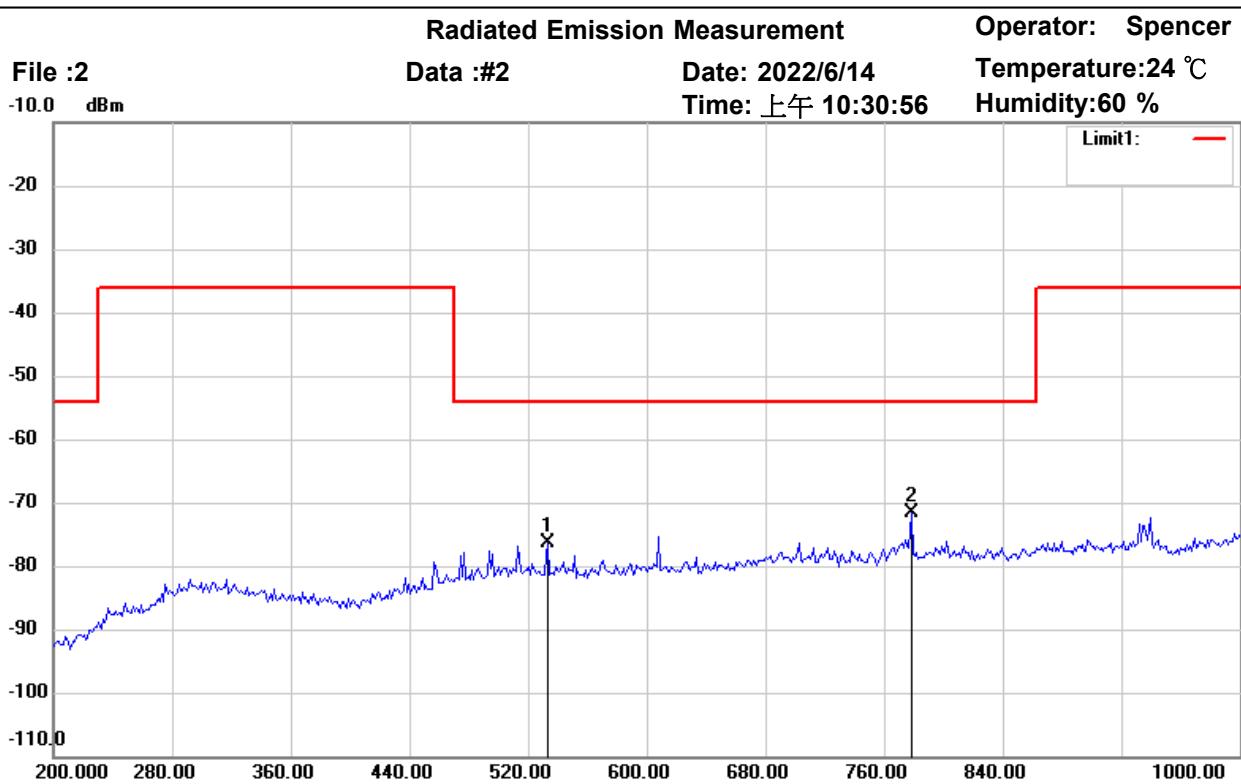
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	650.0000	-73.31	peak	-1.43	-74.74	-54.00	150	100	-20.74	
*	778.2051	-65.78	peak	-4.31	-70.09	-54.00	150	214	-16.09	



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Site : Chamber

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Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

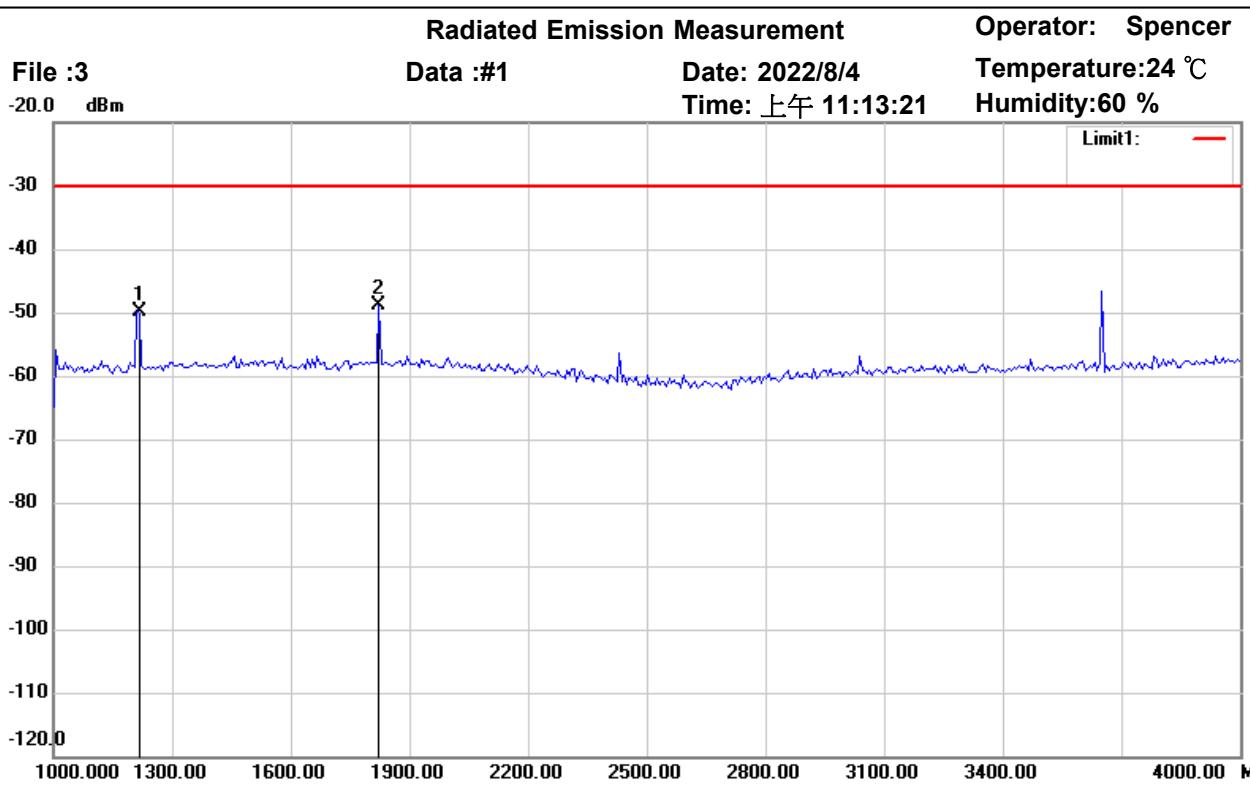
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	533.3333	-69.60	peak	-6.86	-76.46	-54.00	150	169	-22.46	
*	778.2051	-67.77	peak	-3.93	-71.70	-54.00	150	320	-17.70	



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Power : 3V D.C.

M/N:

Distance: 3m

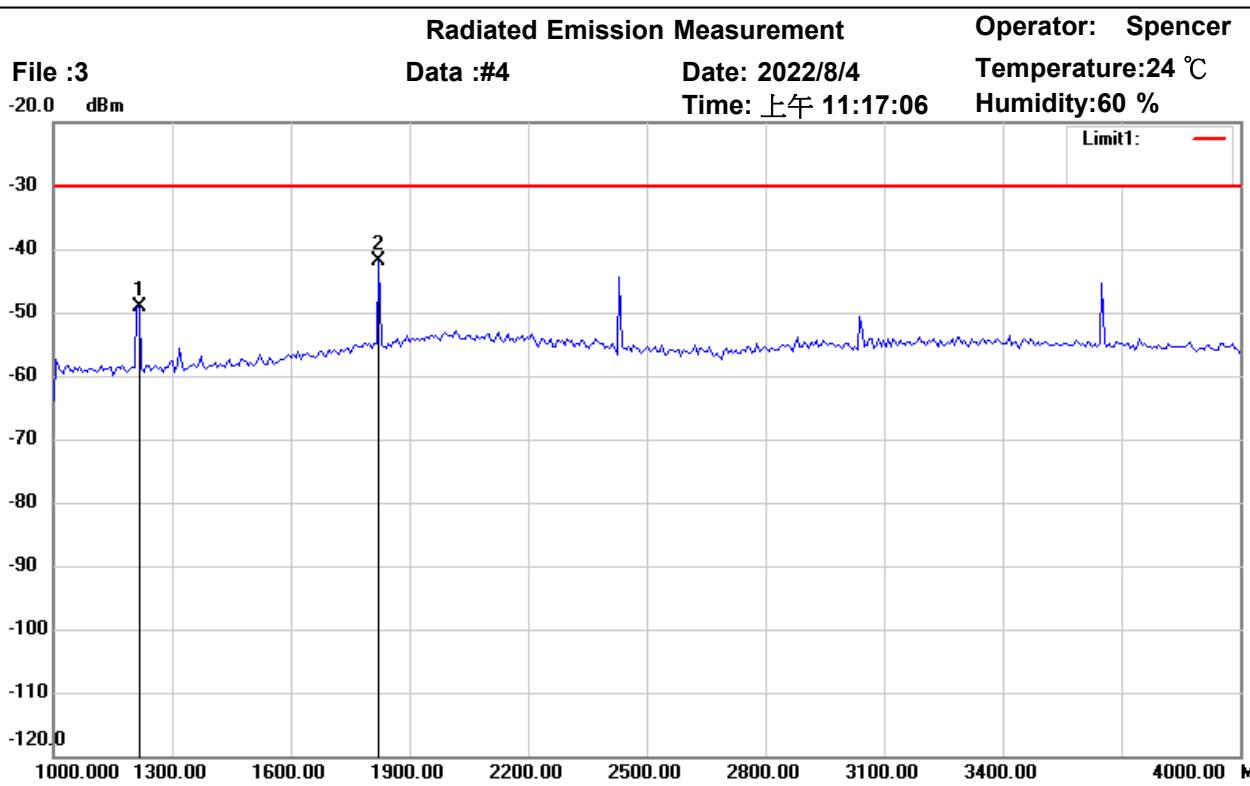
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1210.421	-53.37	peak	3.62	-49.75	-30.00	150	102	-19.75	
*	1823.647	-52.63	peak	3.72	-48.91	-30.00	150	335	-18.91	



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

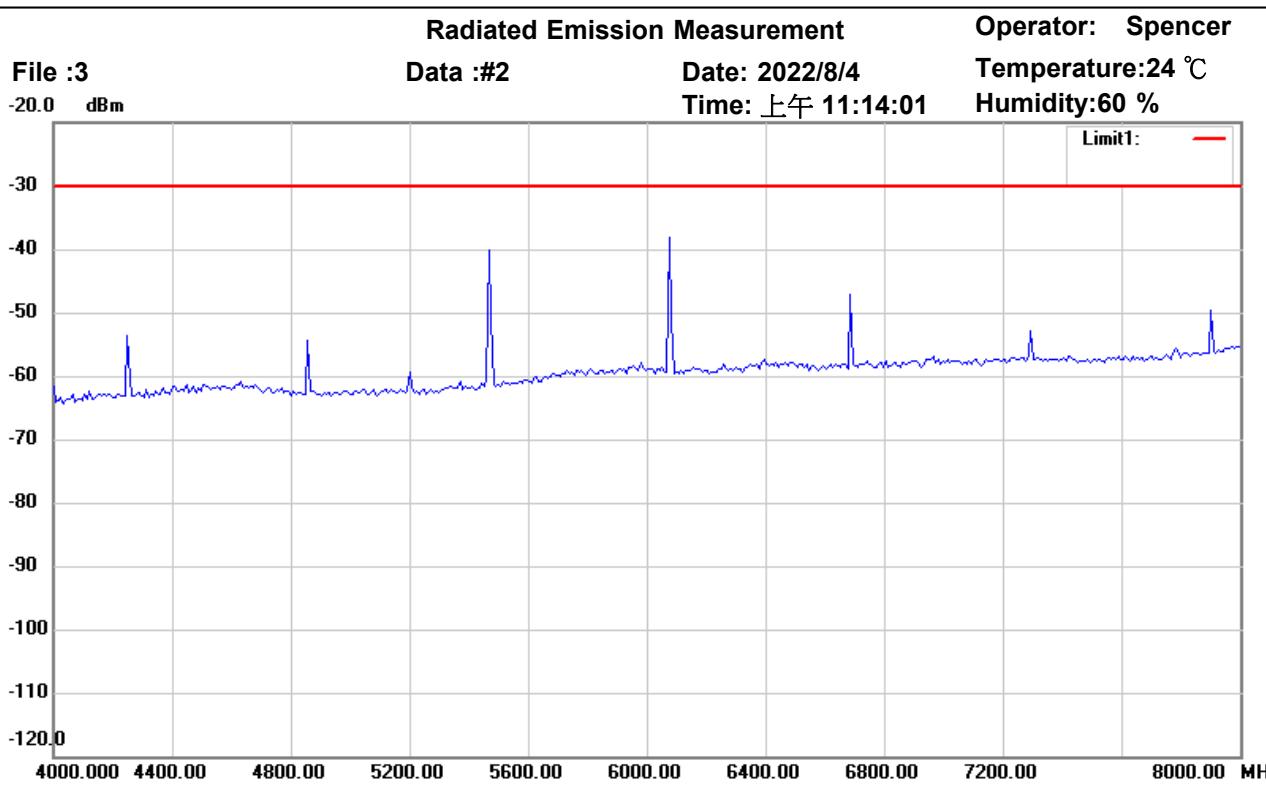
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1210.421	-52.53	peak	3.47	-49.06	-30.00	150	100	-19.06	
*	1823.647	-48.47	peak	6.60	-41.87	-30.00	150	84	-11.87	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

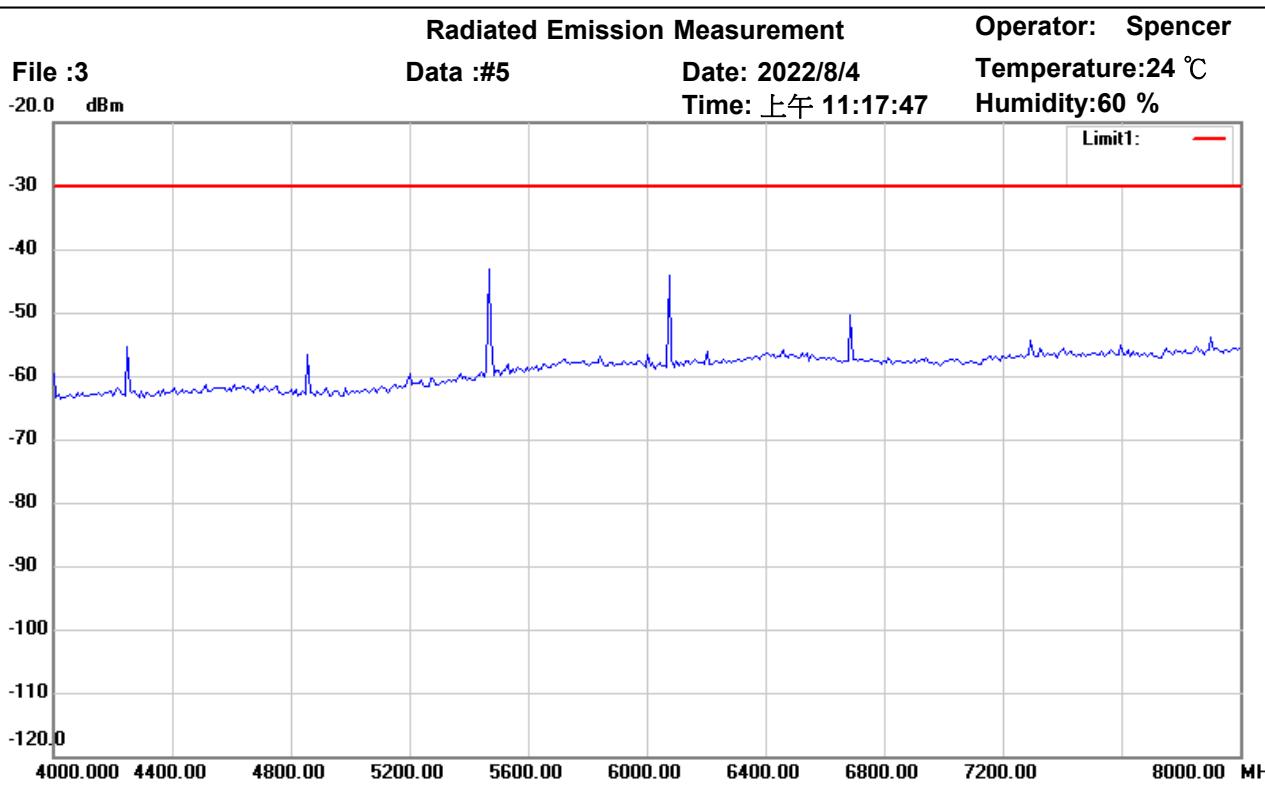
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

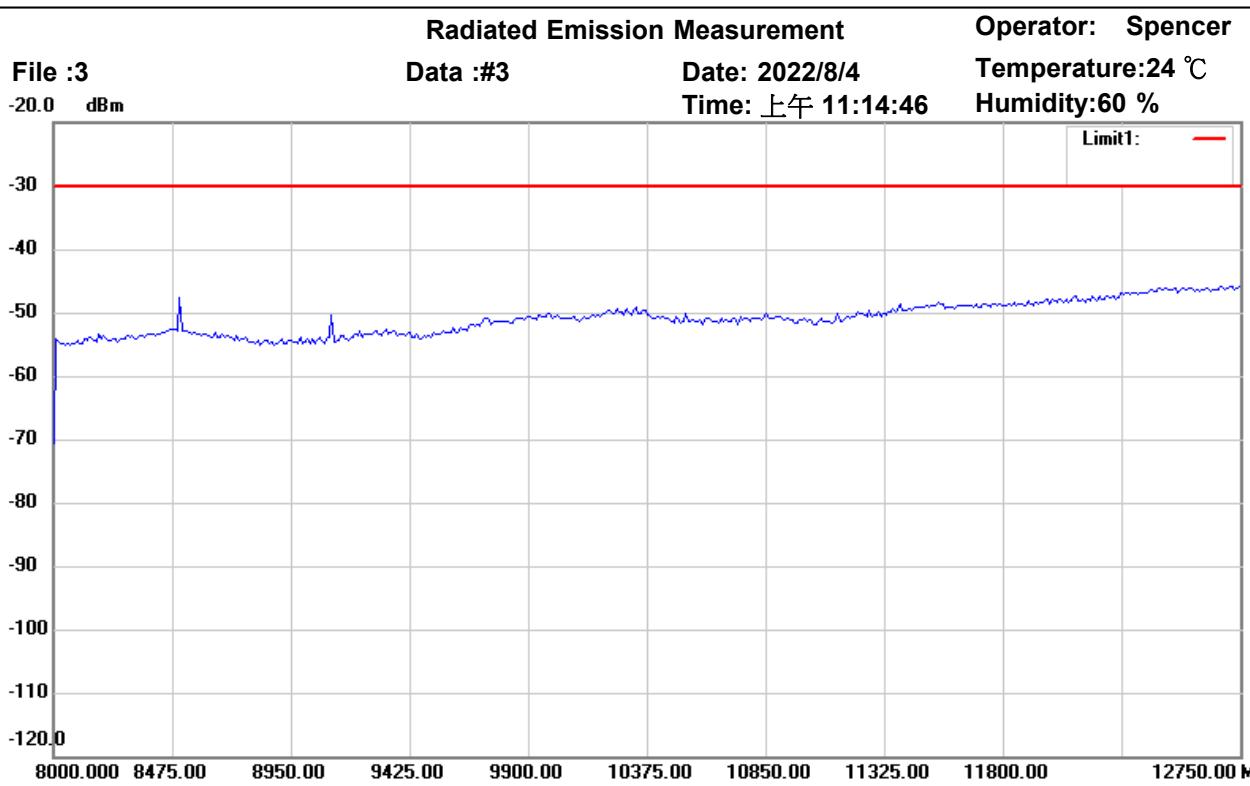
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*										



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

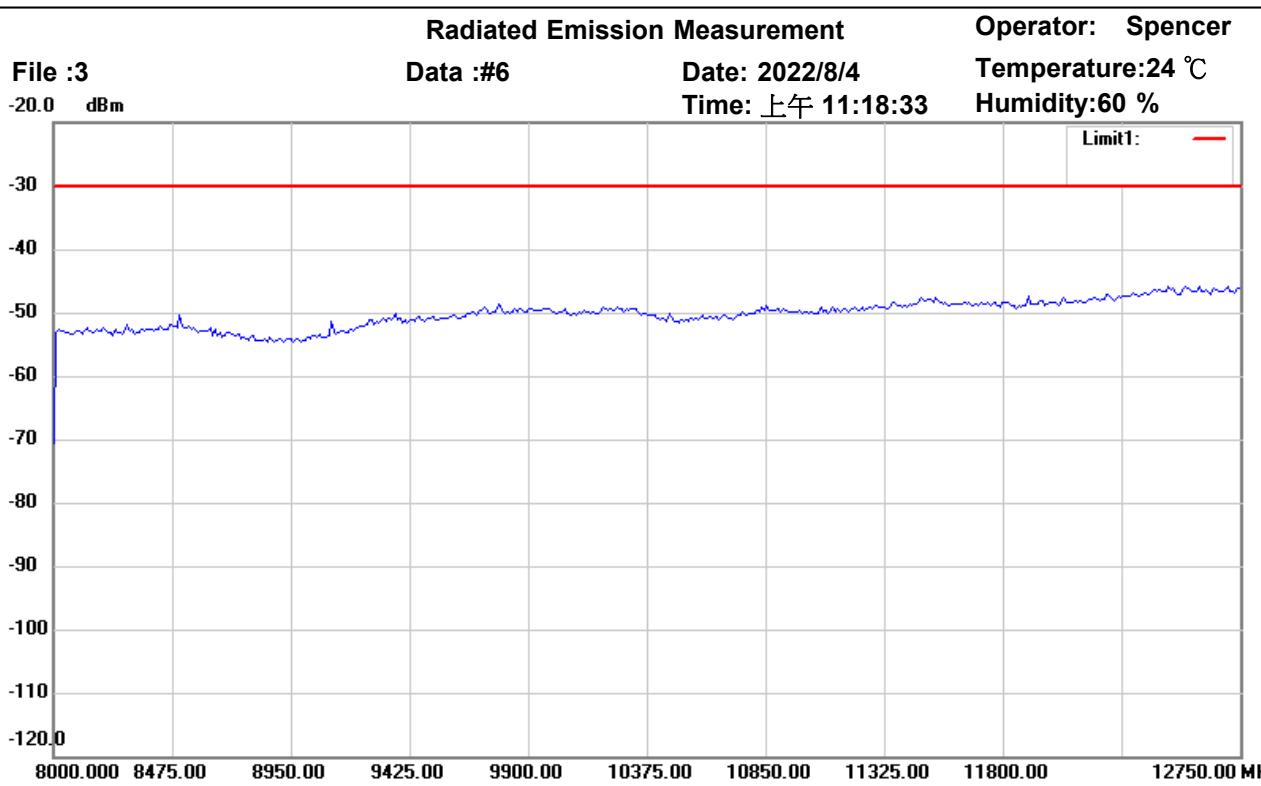
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*										



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Site : Chamber

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Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

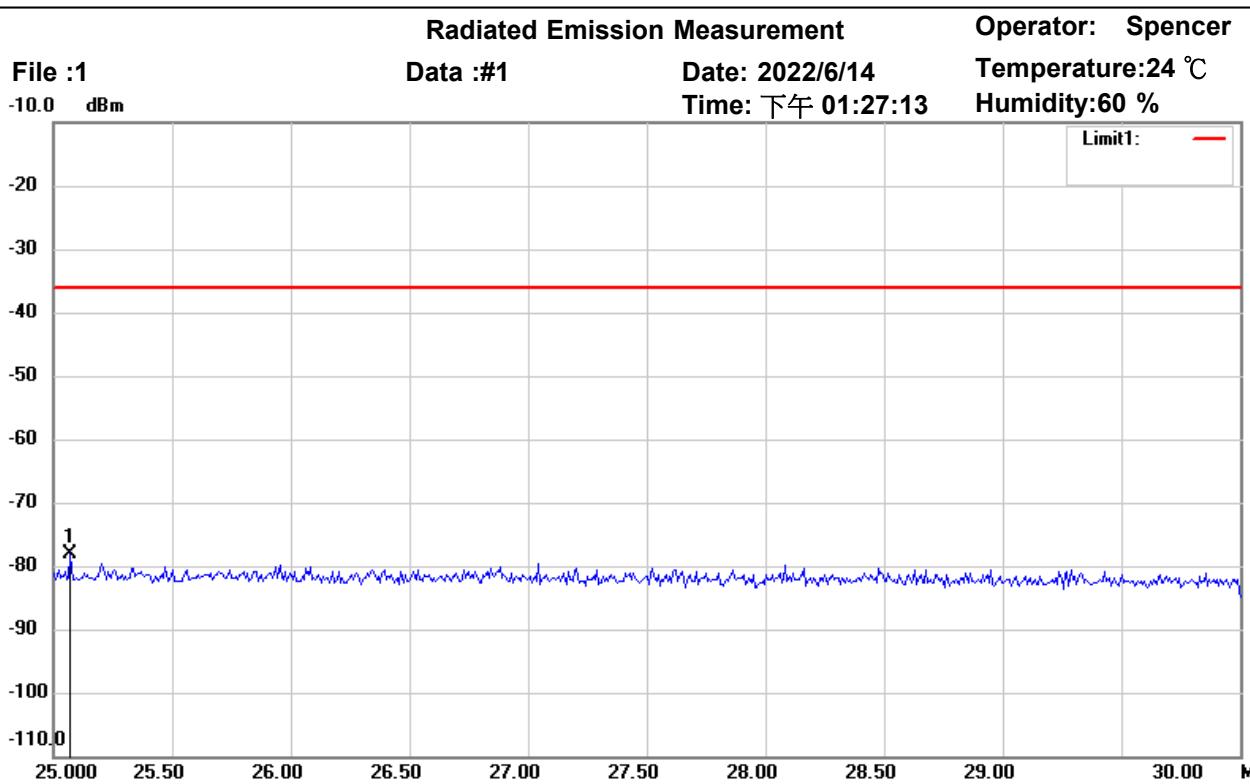
Test Mode : UHF 607.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

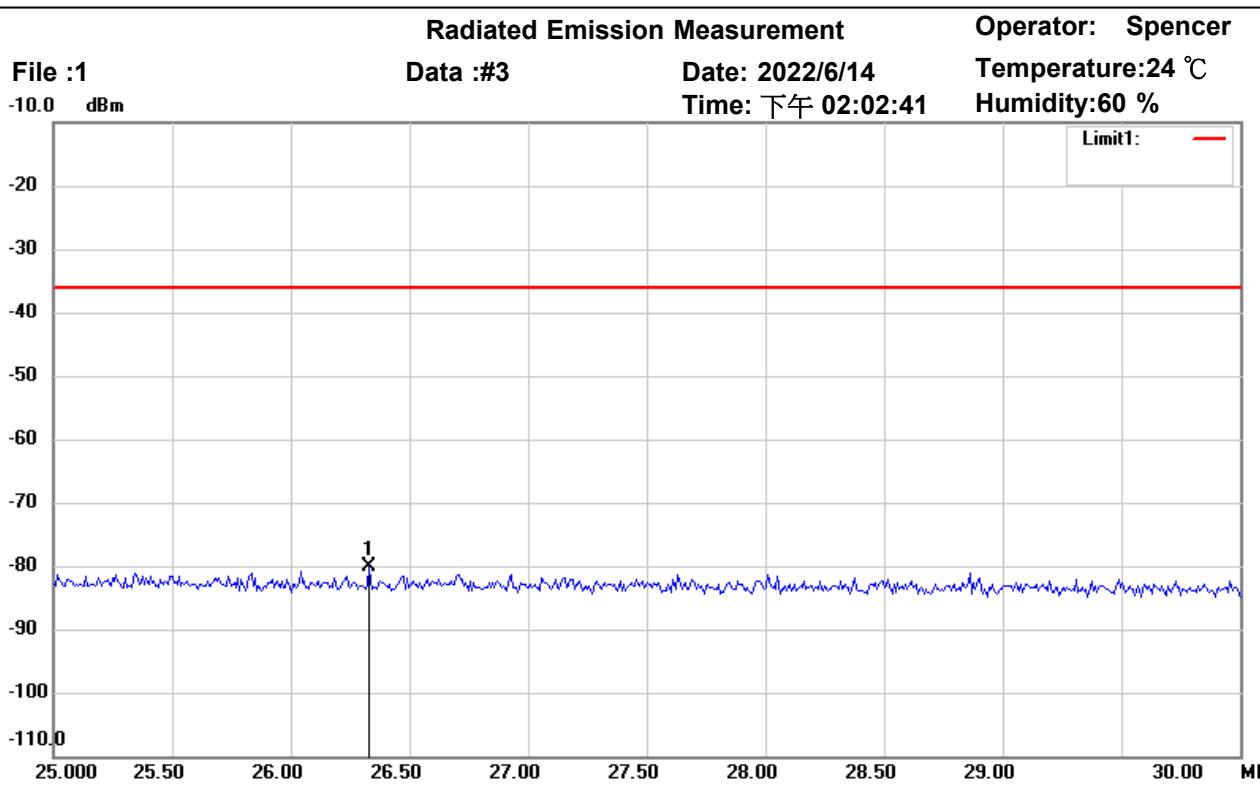
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	25.0720	-103.86	peak	25.64	-78.22	-36.00	150	114	-42.22	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

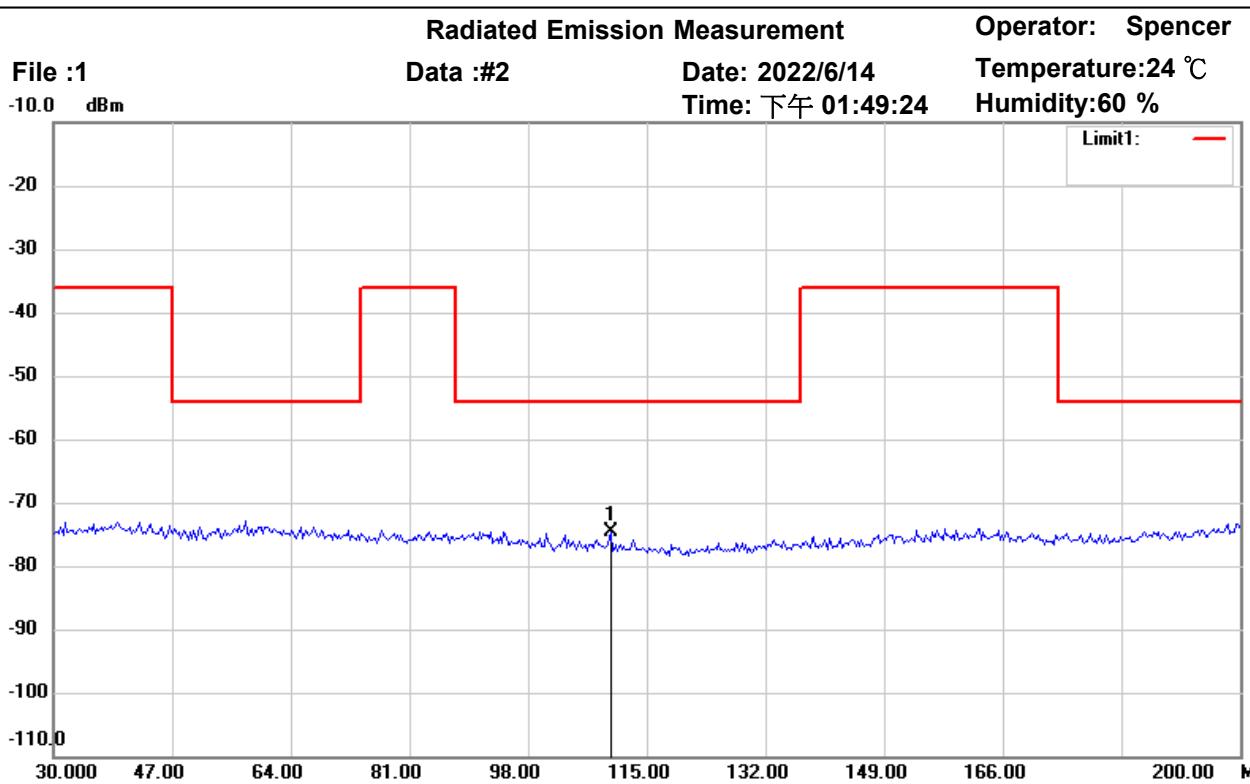
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	26.3301	-104.37	peak	24.31	-80.06	-36.00	150	256	-44.06	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

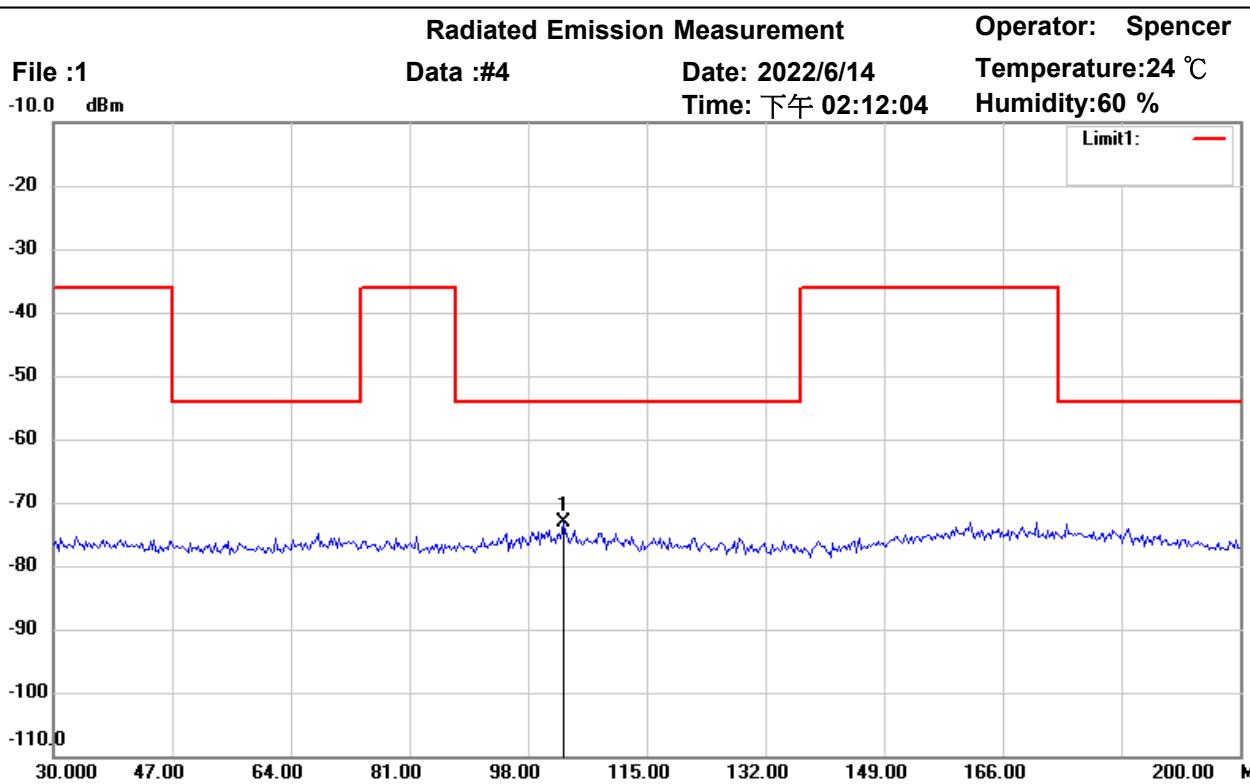
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	109.8237	-94.71	peak	20.05	-74.66	-54.00	150	102	-20.66	



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Site : Chamber

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Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

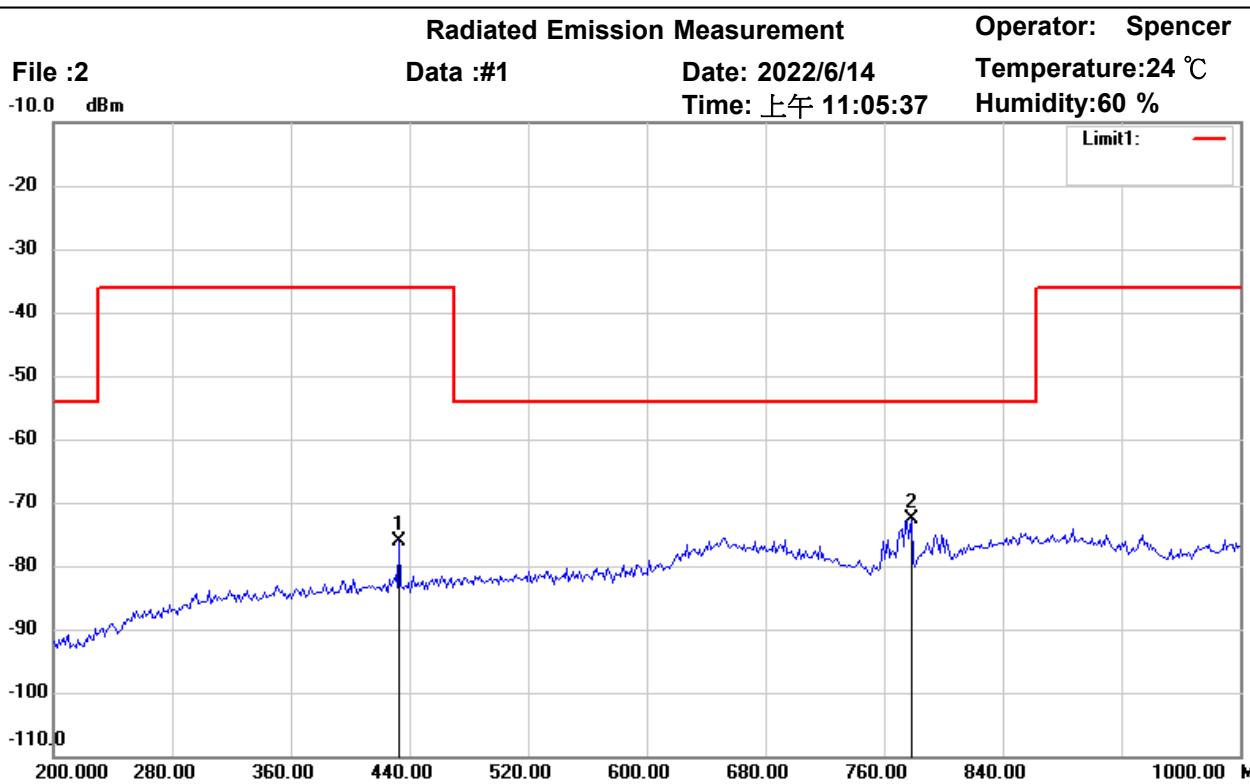
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	103.0128	-95.19	peak	22.13	-73.06	-54.00	150	255	-19.06	



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Site : Chamber

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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

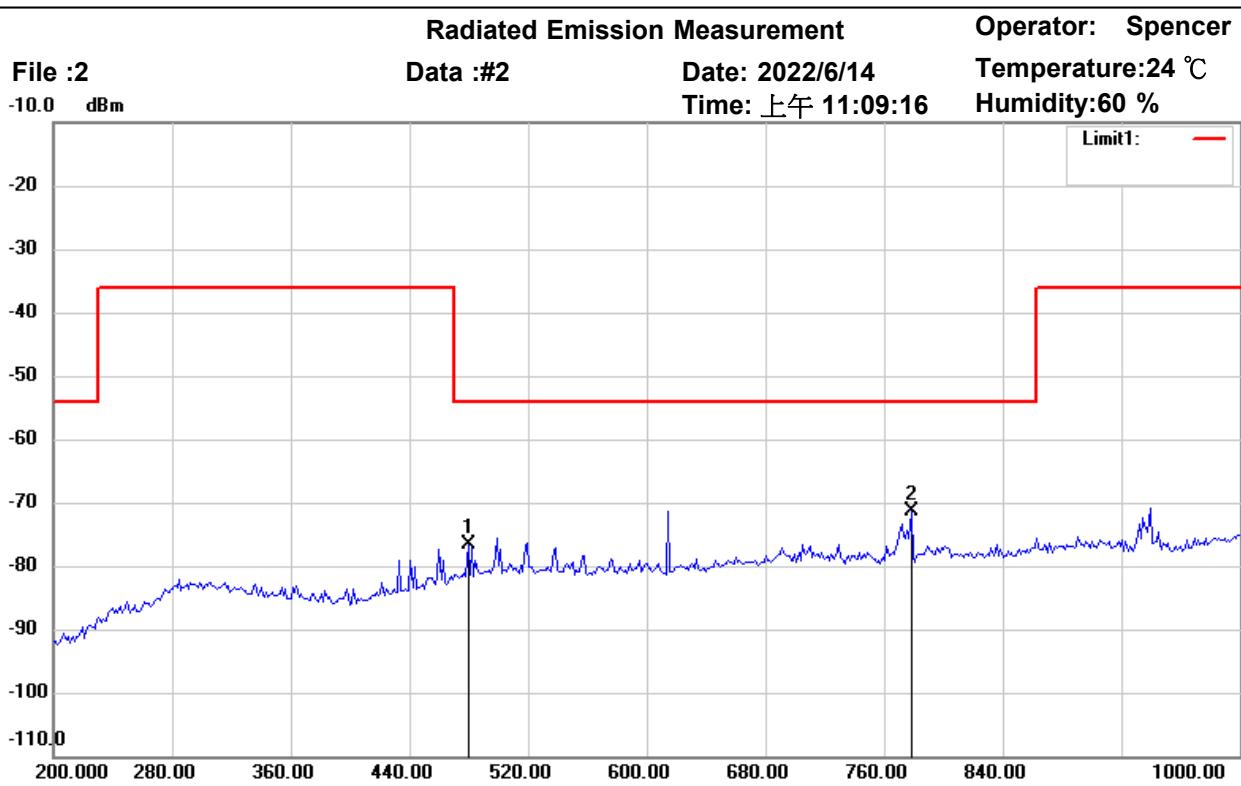
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	433.3333	-66.95	peak	-9.08	-76.03	-36.00	150	340	-40.03	
*	778.2051	-68.21	peak	-4.31	-72.52	-54.00	150	126	-18.52	



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Site : Chamber

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Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

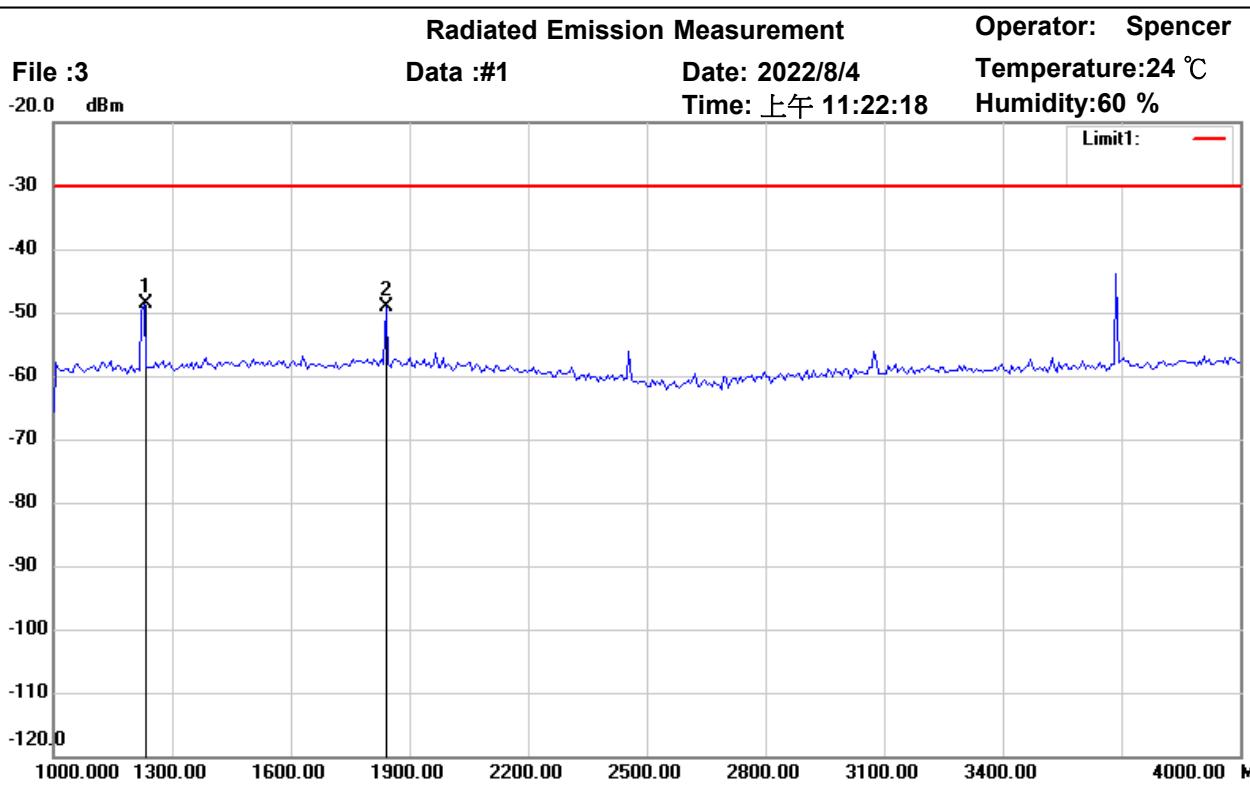
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	479.4871	-68.52	peak	-8.22	-76.74	-54.00	150	211	-22.74	
*	778.2051	-67.43	peak	-3.93	-71.36	-54.00	150	52	-17.36	



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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

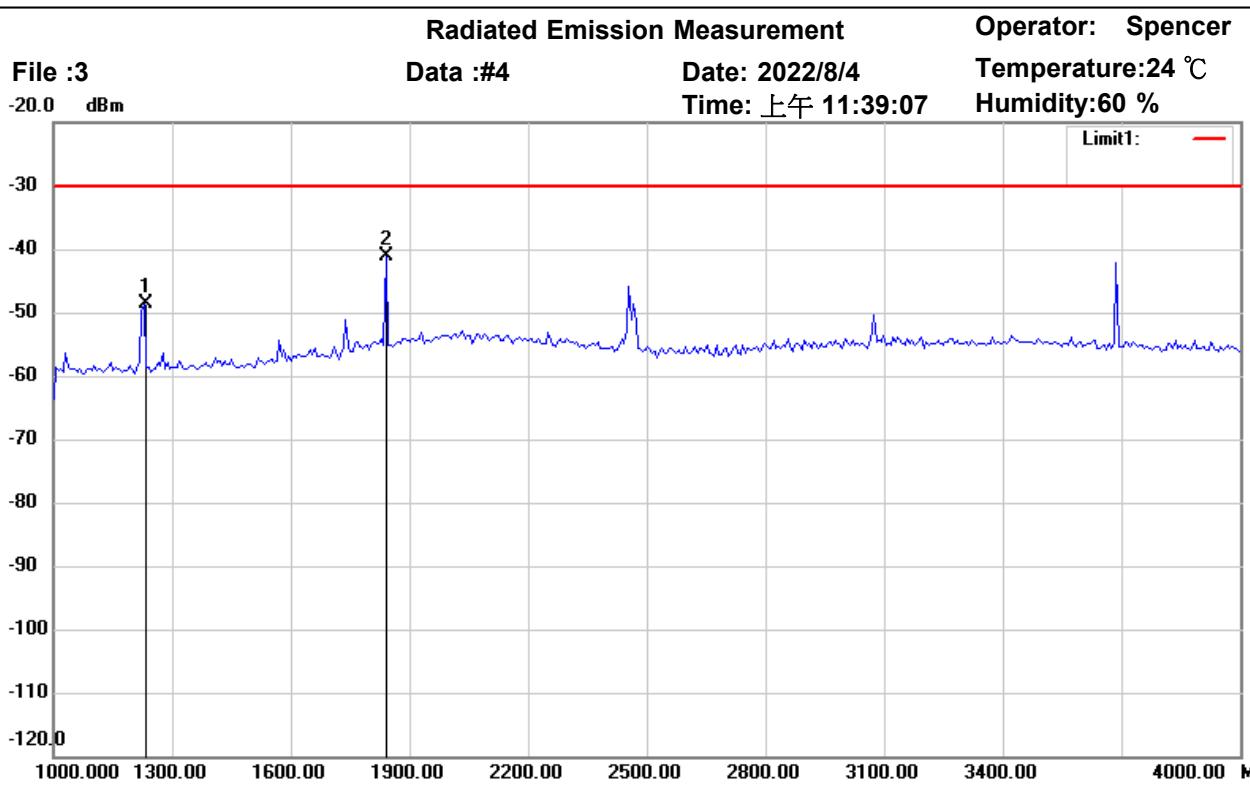
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1228.457	-52.33	peak	3.62	-48.71	-30.00	150	158	-18.71	
	1841.683	-52.83	peak	3.73	-49.10	-30.00	150	78	-19.10	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: Vertical

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

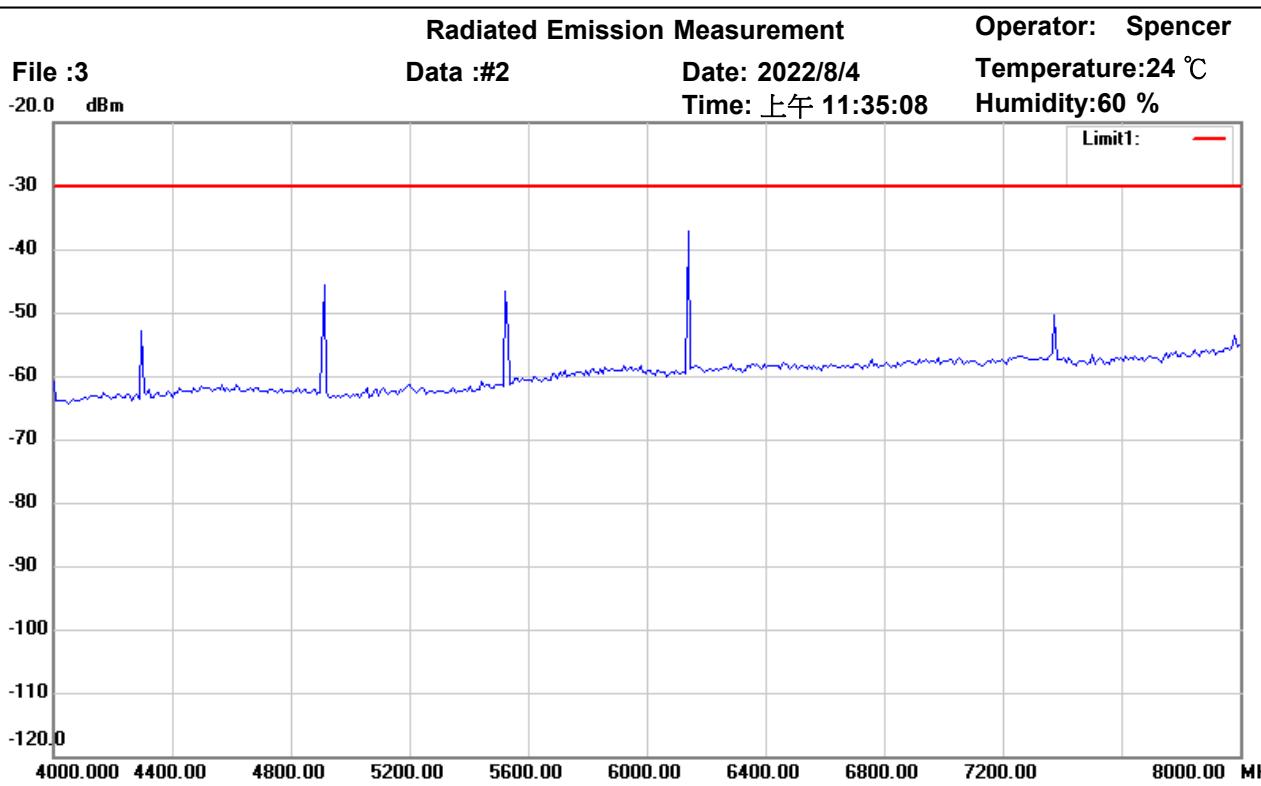
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1228.457	-52.17	peak	3.47	-48.70	-30.00	150	125	-18.70	
*	1841.683	-47.94	peak	6.77	-41.17	-30.00	150	88	-11.17	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

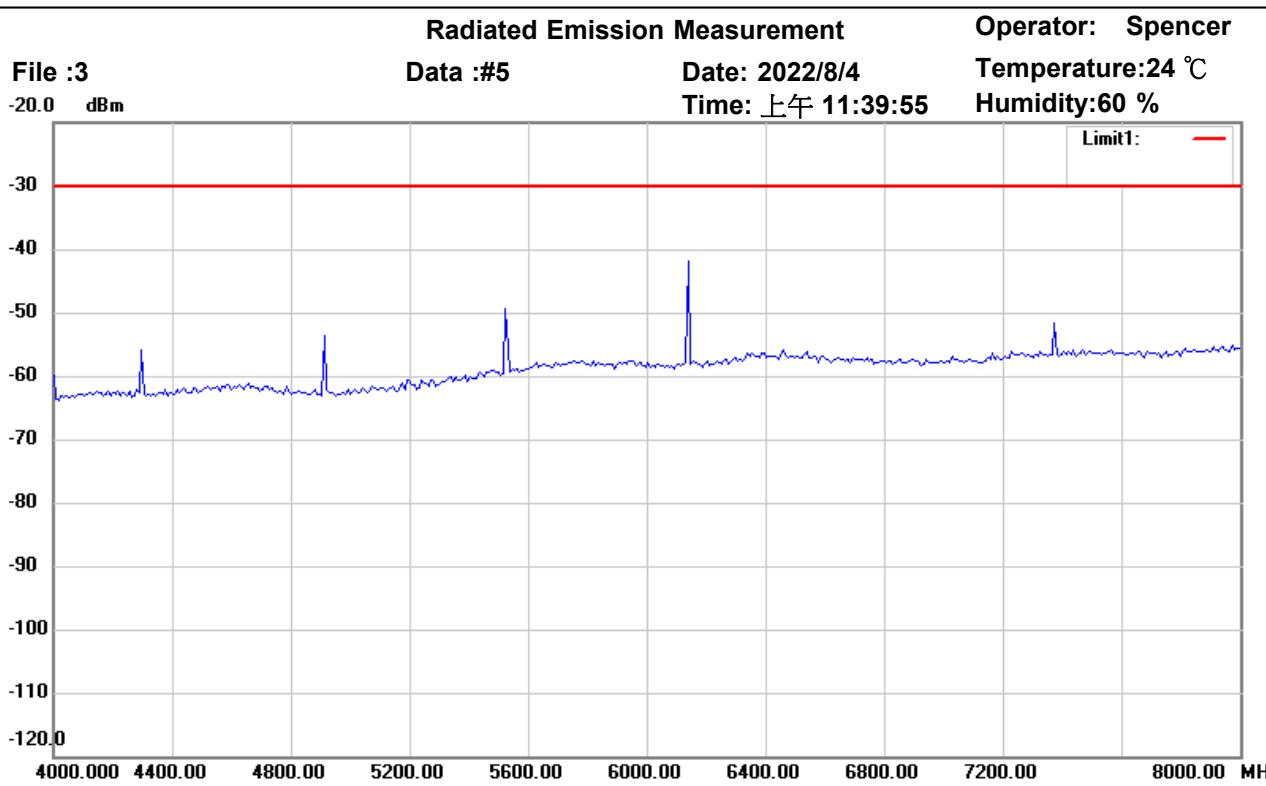
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

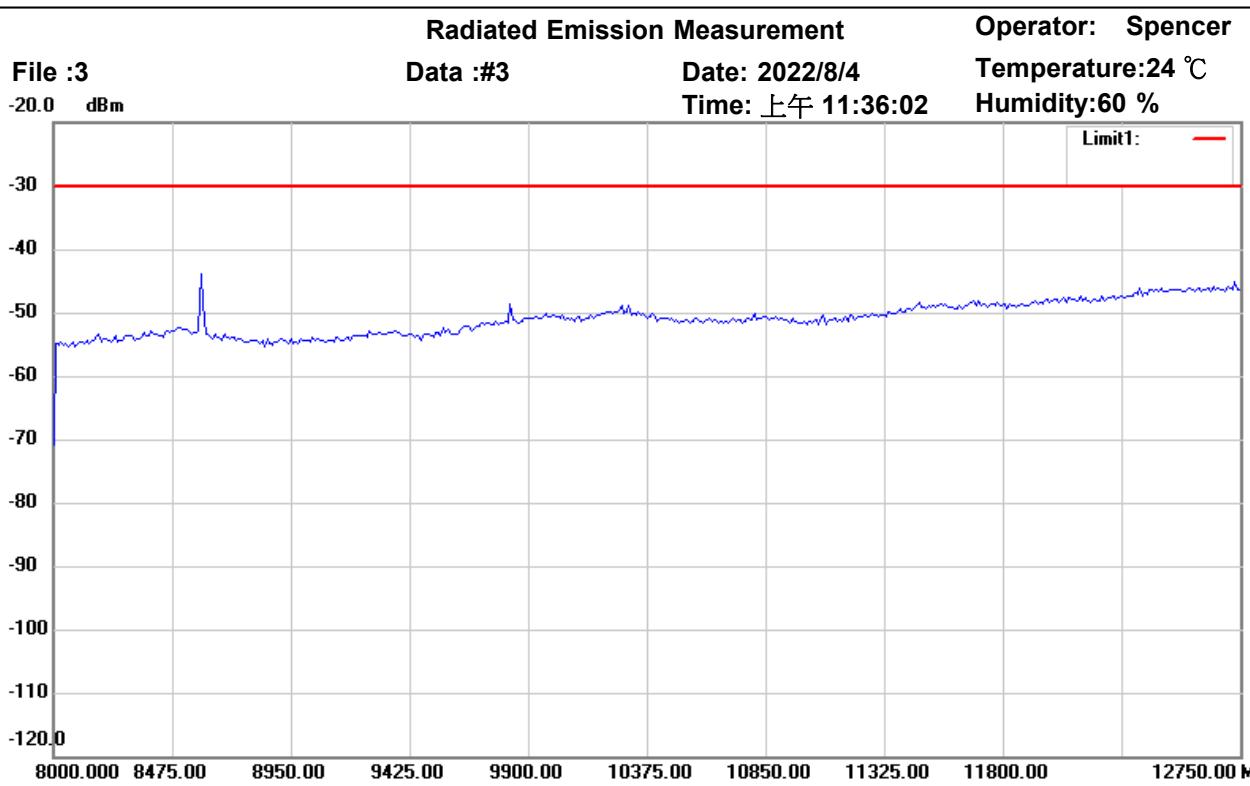
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

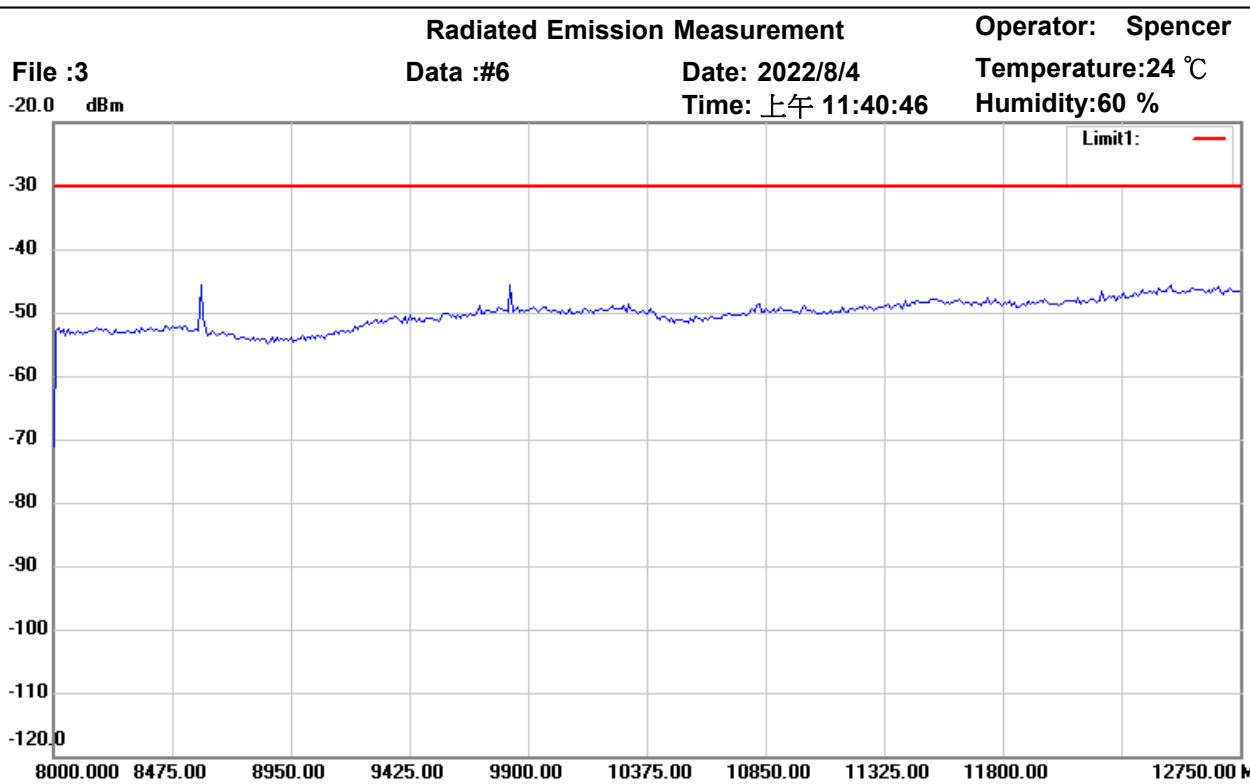
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Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

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Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

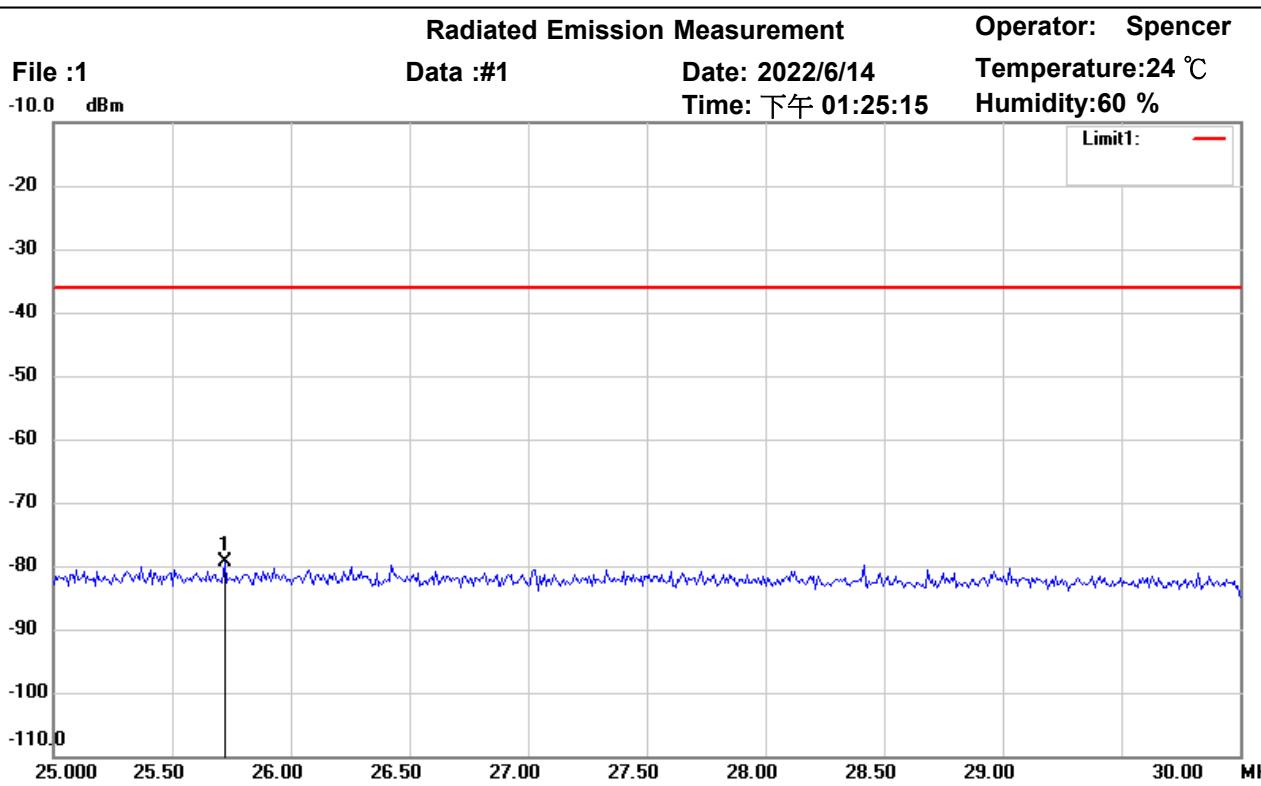
Test Mode : UHF 614.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*										



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

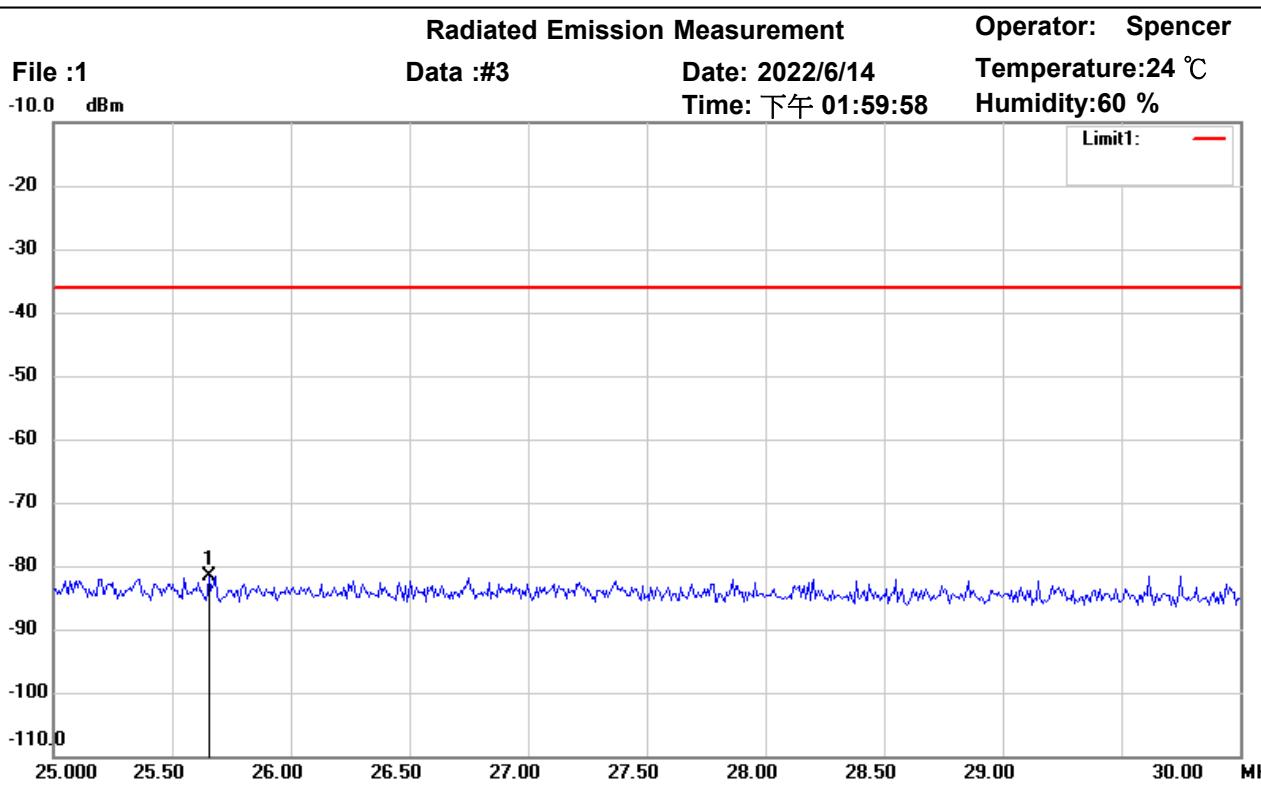
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	25.7212	-104.78	peak	25.52	-79.26	-36.00	150	114	-43.26	



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Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

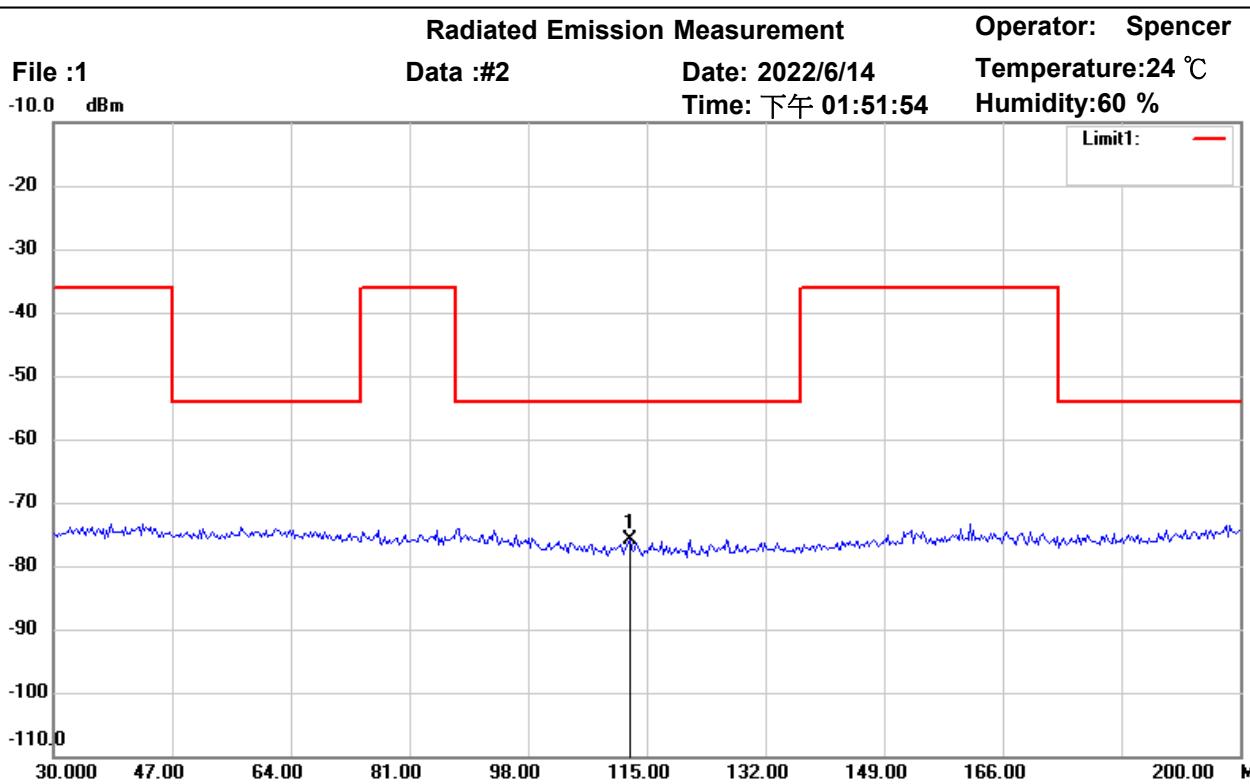
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	25.6571	-106.07	peak	24.47	-81.60	-36.00	150	69	-45.60	



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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

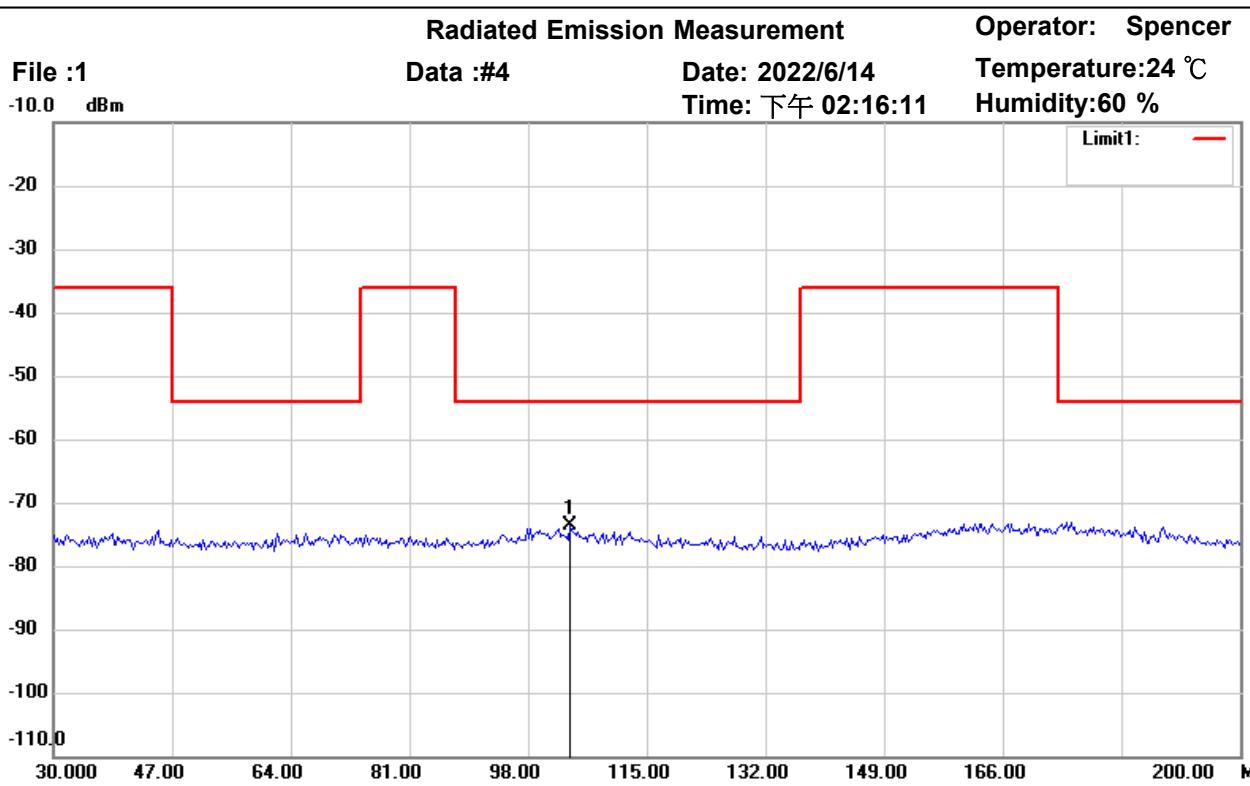
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	112.5481	-95.73	peak	19.91	-75.82	-54.00	150	147	-21.82	



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M/N:

Distance: 3m

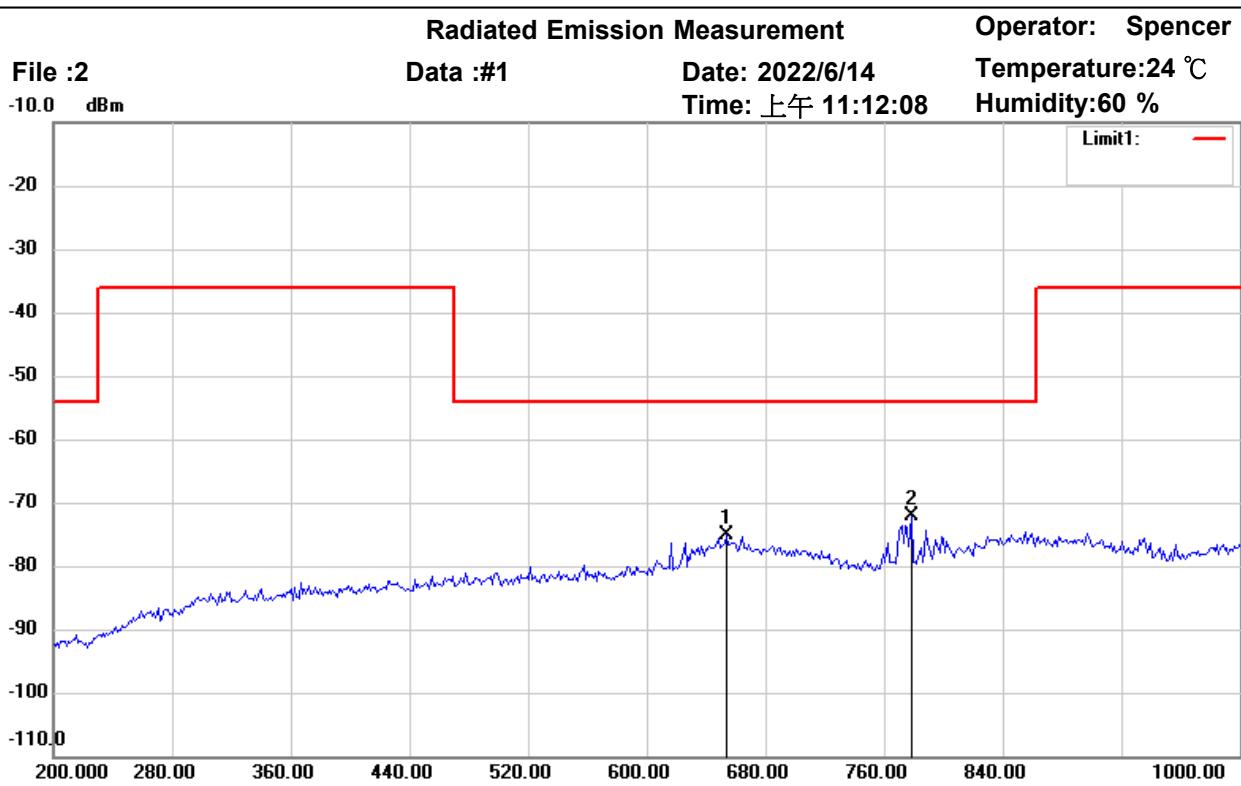
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	104.1025	-95.73	peak	22.04	-73.69	-54.00	150	94	-19.69	



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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

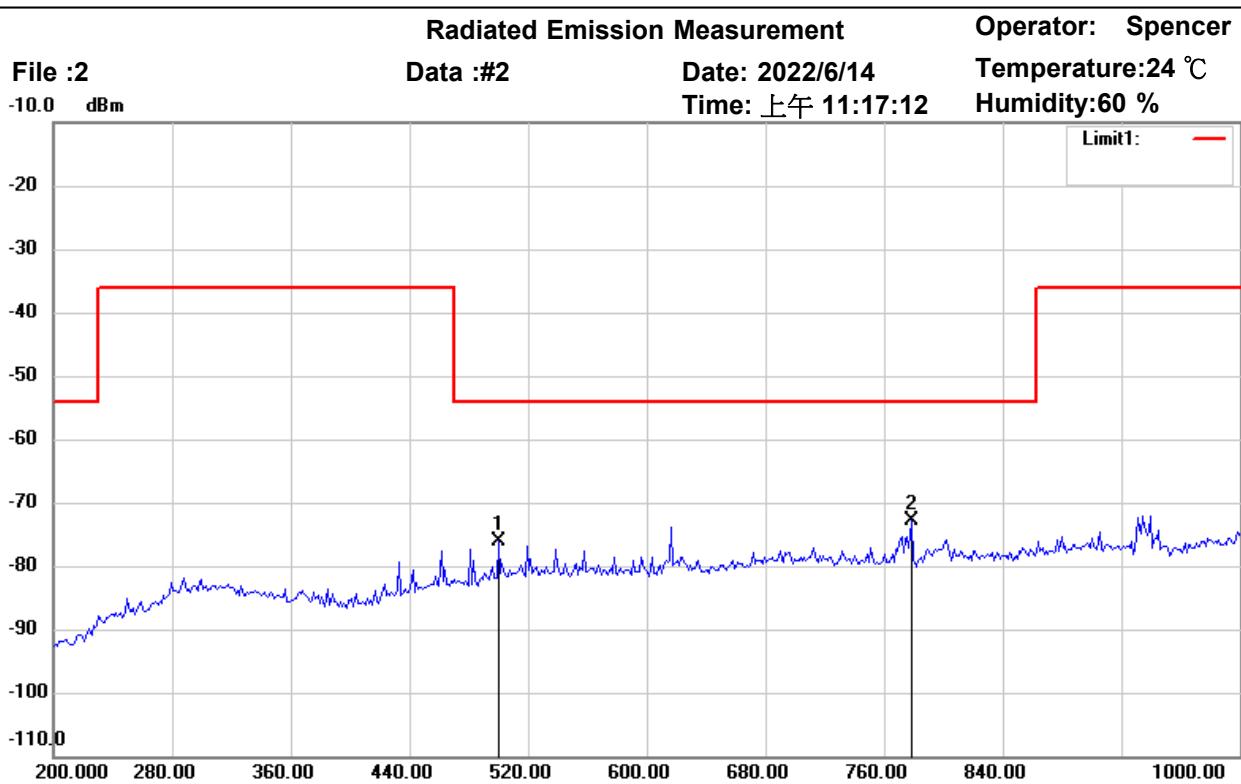
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	653.8462	-73.53	peak	-1.54	-75.07	-54.00	150	100	-21.07	
*	778.2051	-67.86	peak	-4.31	-72.17	-54.00	150	252	-18.17	



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Polarization: *Vertical*

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Power : 3V D.C.

M/N:

Distance: 3m

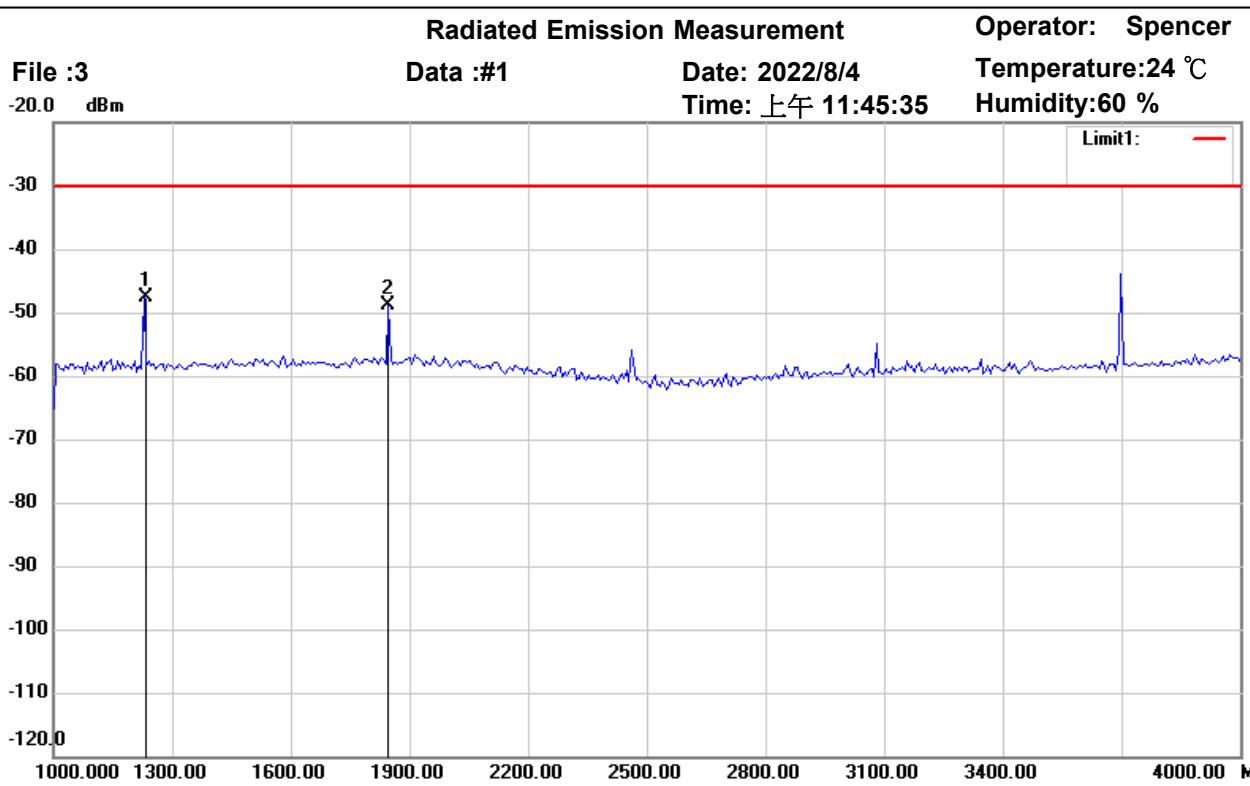
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	500.0000	-68.99	peak	-7.18	-76.17	-54.00	150	102	-22.17	
*	778.2051	-68.82	peak	-3.93	-72.75	-54.00	150	332	-18.75	



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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

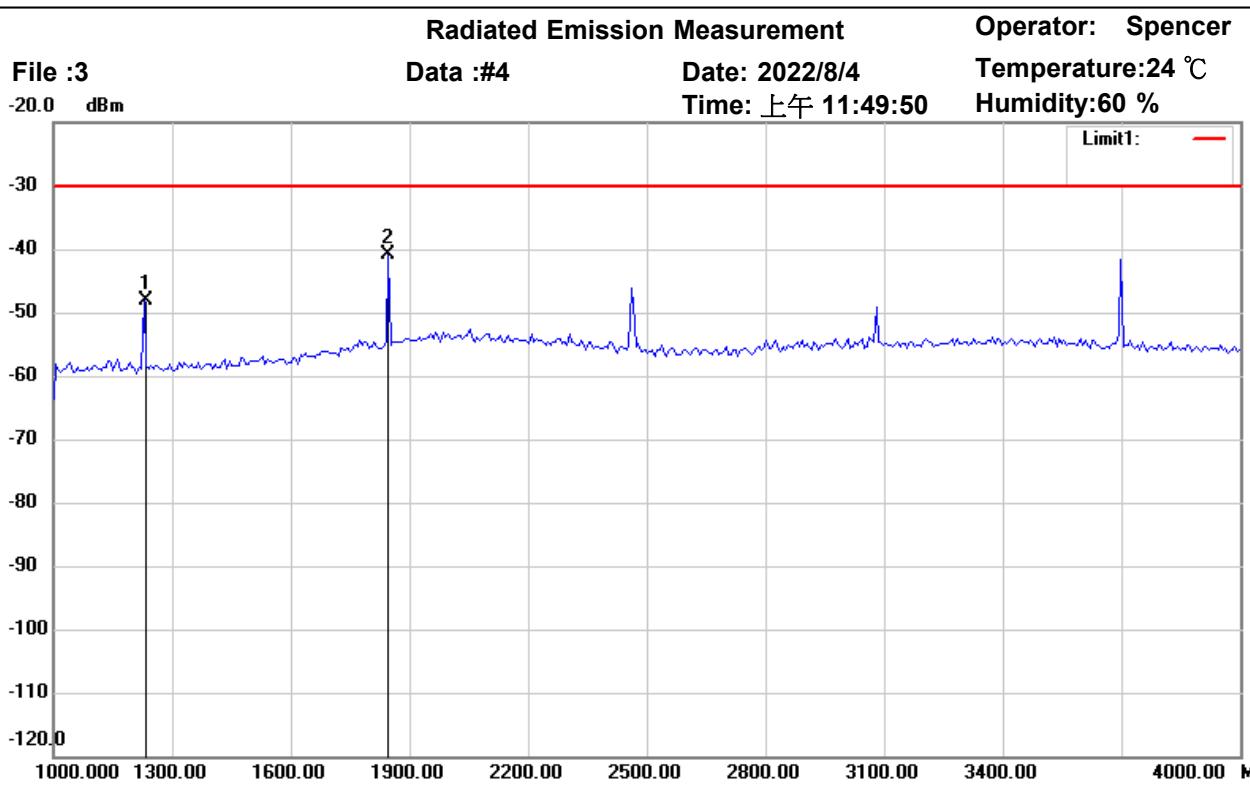
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1228.457	-51.30	peak	3.62	-47.68	-30.00	150	325	-17.68	
	1847.695	-52.67	peak	3.74	-48.93	-30.00	150	198	-18.93	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

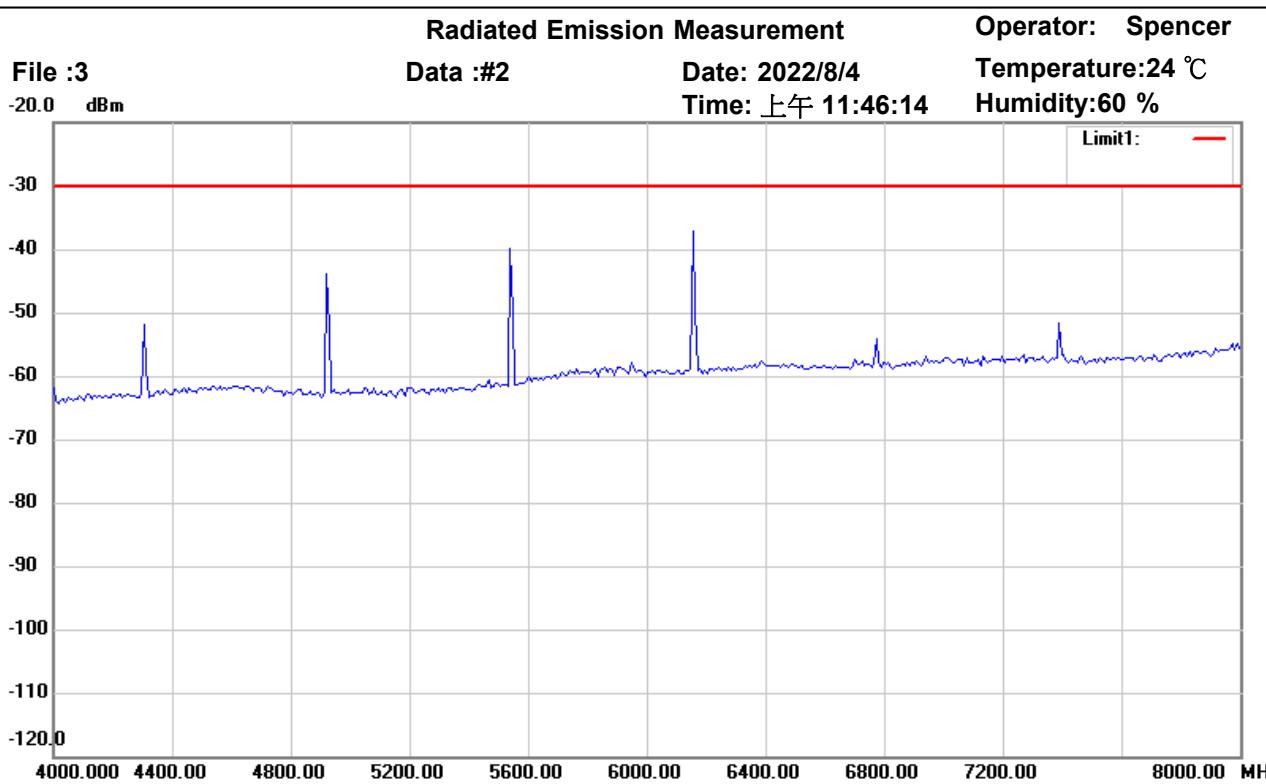
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1228.457	-51.63	peak	3.47	-48.16	-30.00	150	77	-18.16	
*	1847.695	-47.77	peak	6.83	-40.94	-30.00	150	114	-10.94	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

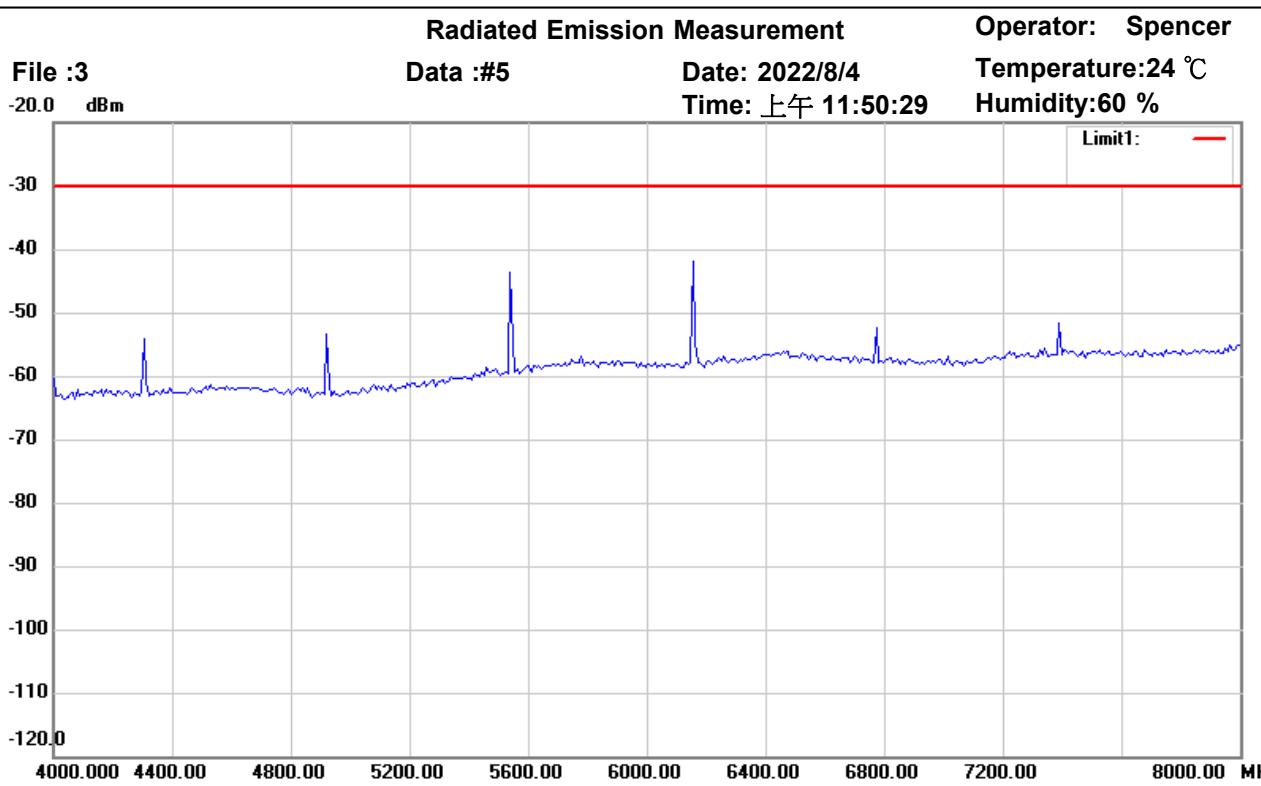
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

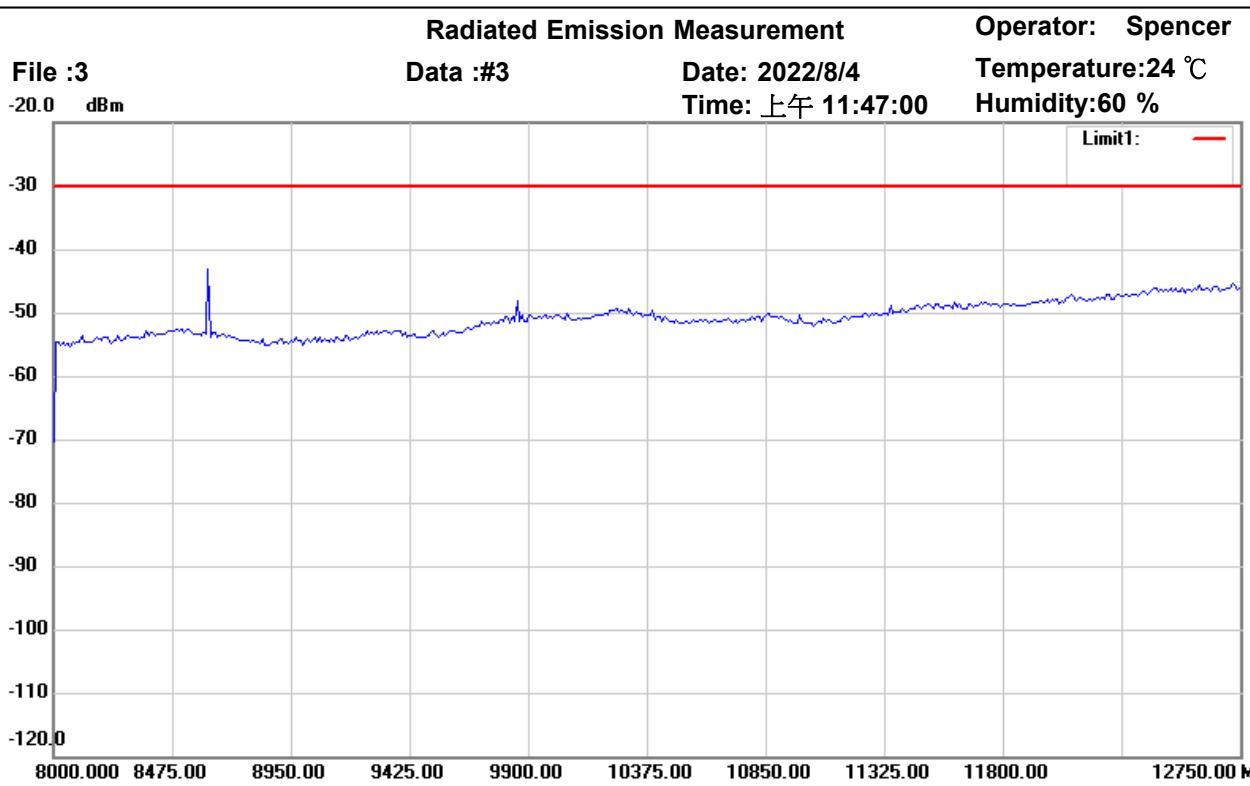
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*										



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

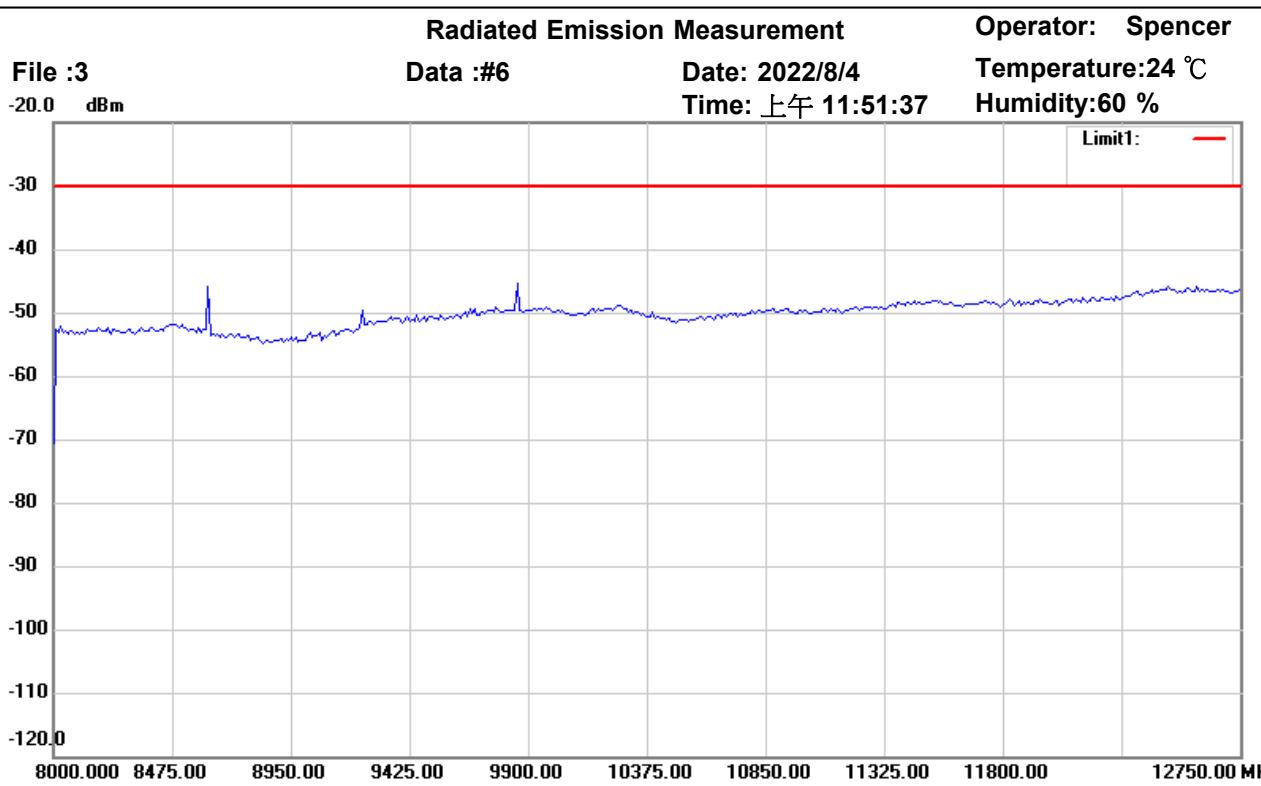
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

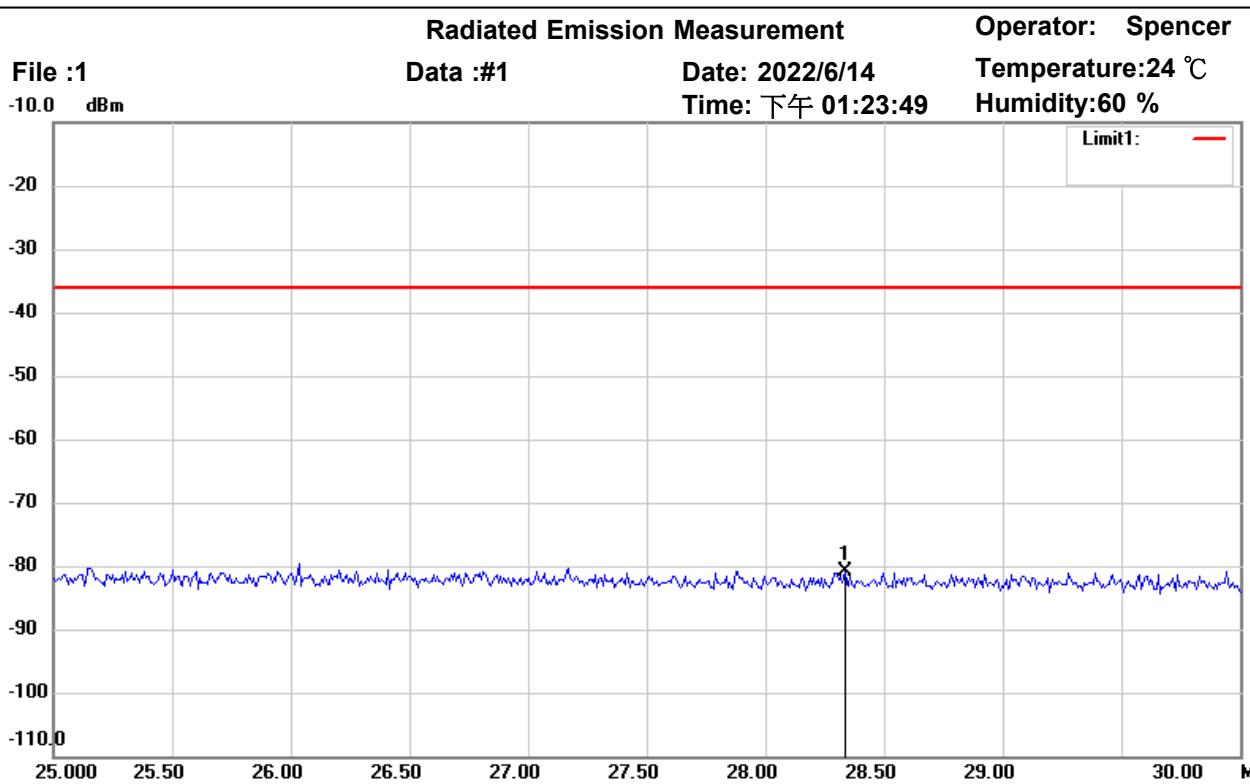
Test Mode : UHF 615.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

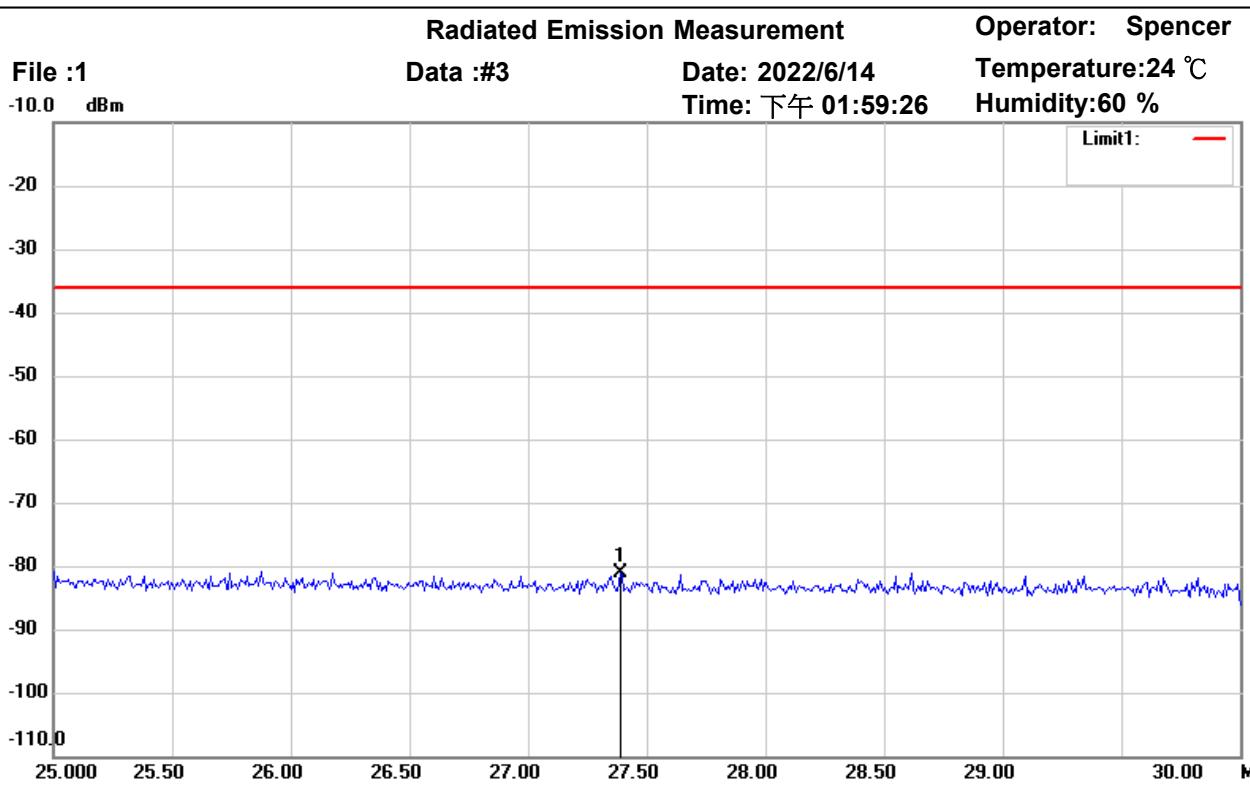
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	28.3333	-105.78	peak	25.03	-80.75	-36.00	150	88	-44.75	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

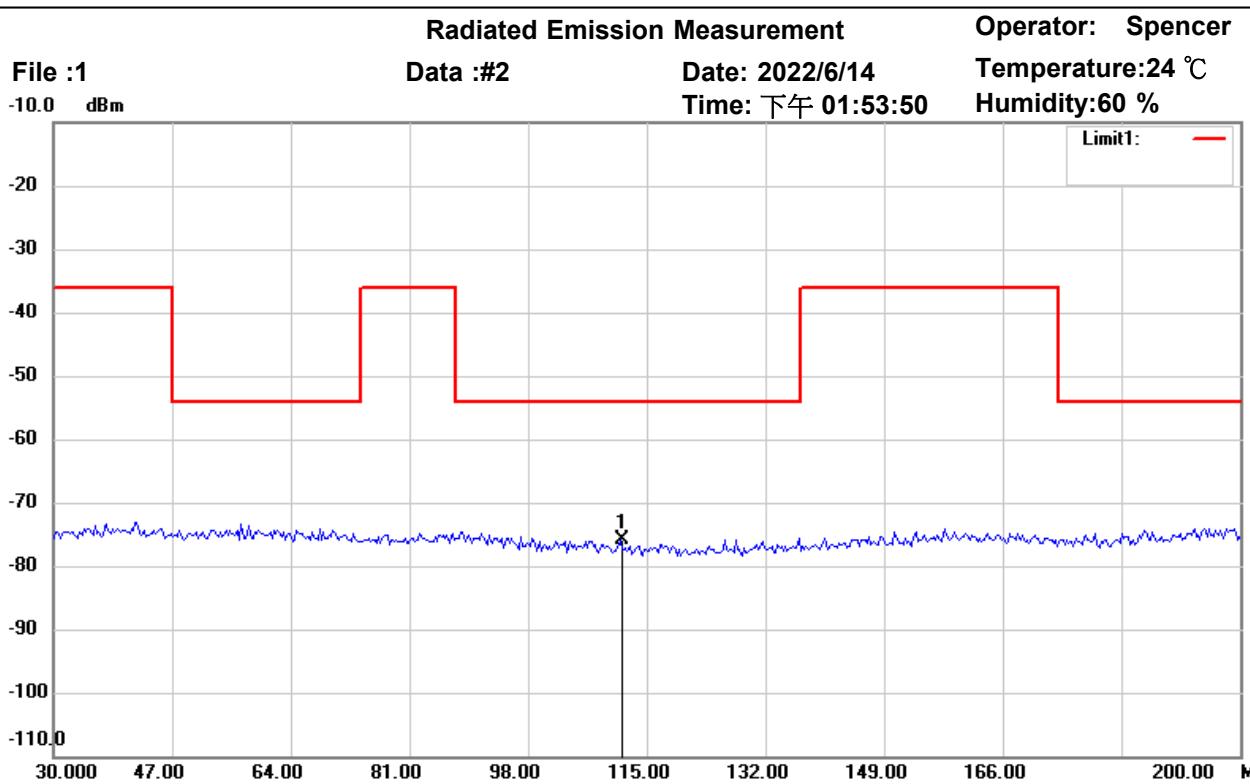
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	27.3878	-105.19	peak	24.06	-81.13	-36.00	150	225	-45.13	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

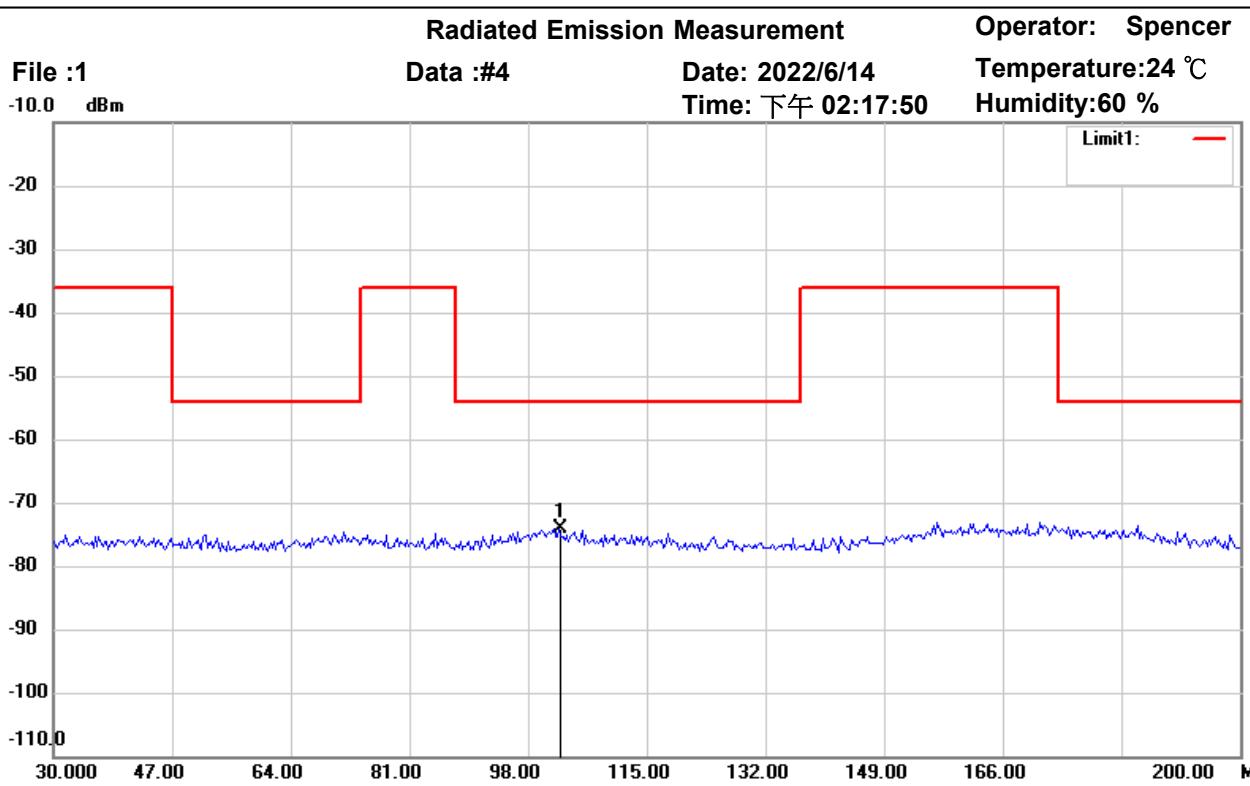
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	111.1860	-95.78	peak	19.98	-75.80	-54.00	150	99	-21.80	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

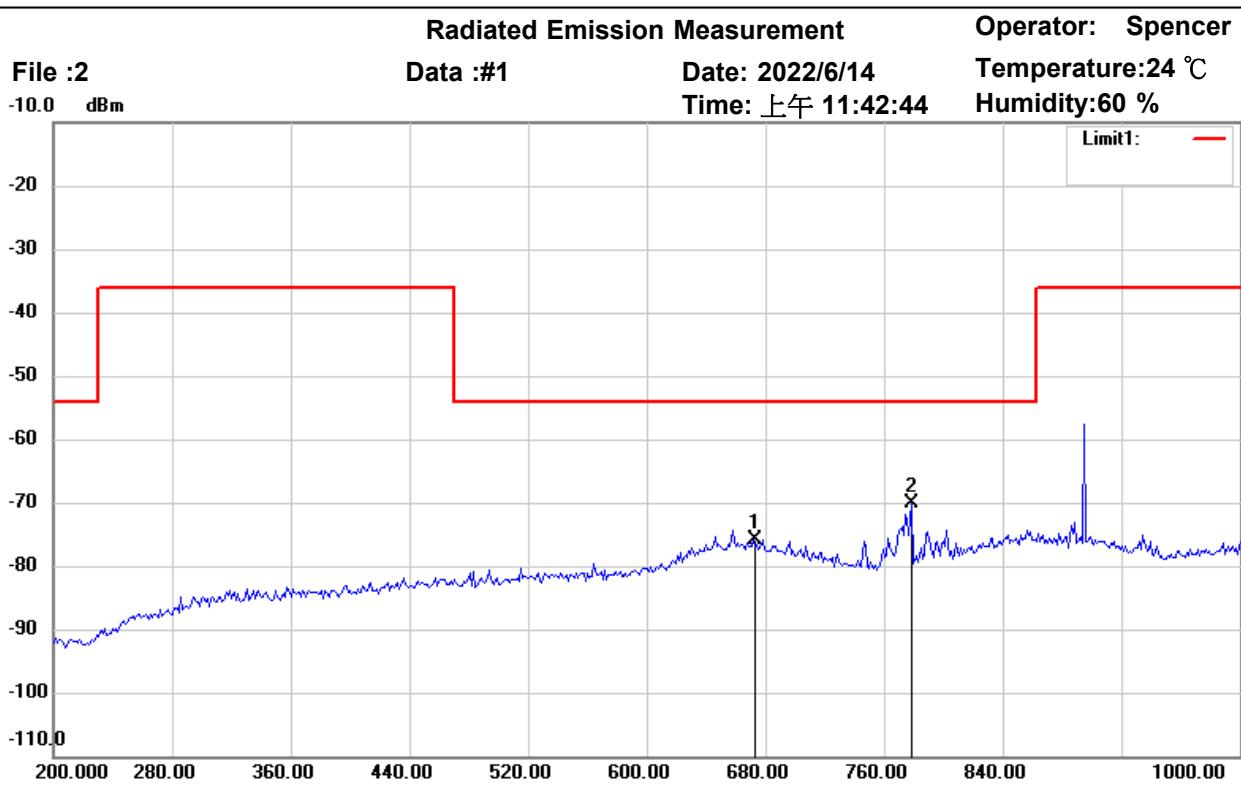
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	102.4680	-96.34	peak	22.17	-74.17	-54.00	150	82	-20.17	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

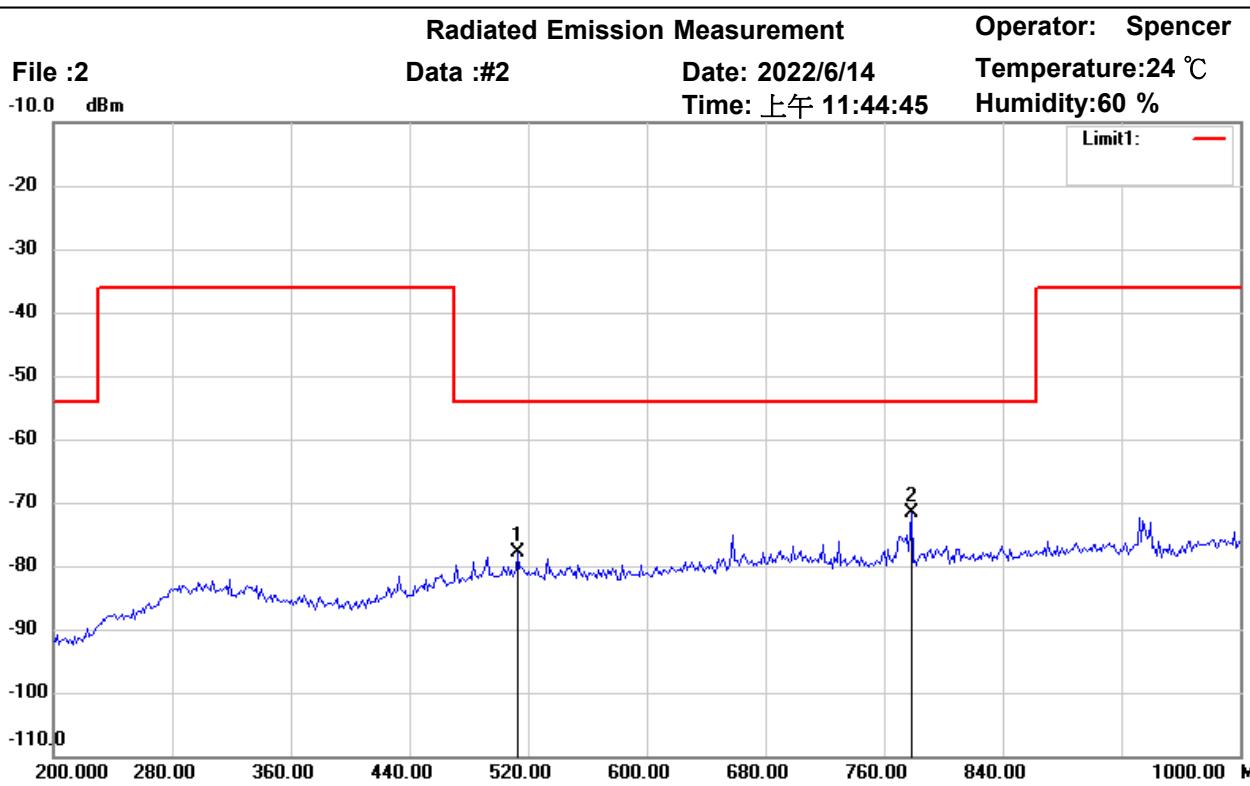
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	671.7950	-73.73	peak	-2.03	-75.76	-54.00	150	127	-21.76	
*	778.2051	-65.90	peak	-4.31	-70.21	-54.00	150	48	-16.21	



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Site : Chamber

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Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

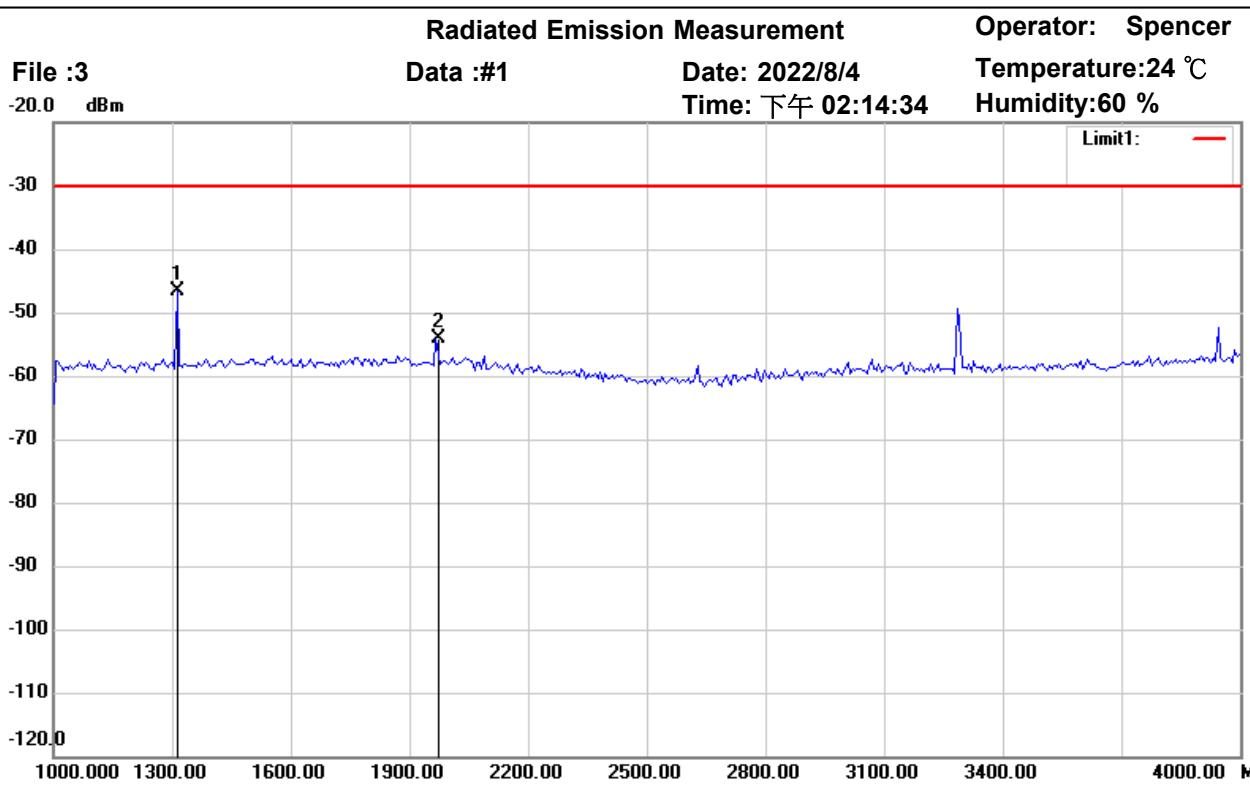
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	512.8205	-70.78	peak	-7.06	-77.84	-54.00	150	265	-23.84	
*	778.2051	-67.66	peak	-3.93	-71.59	-54.00	150	178	-17.59	



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Site : Chamber

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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

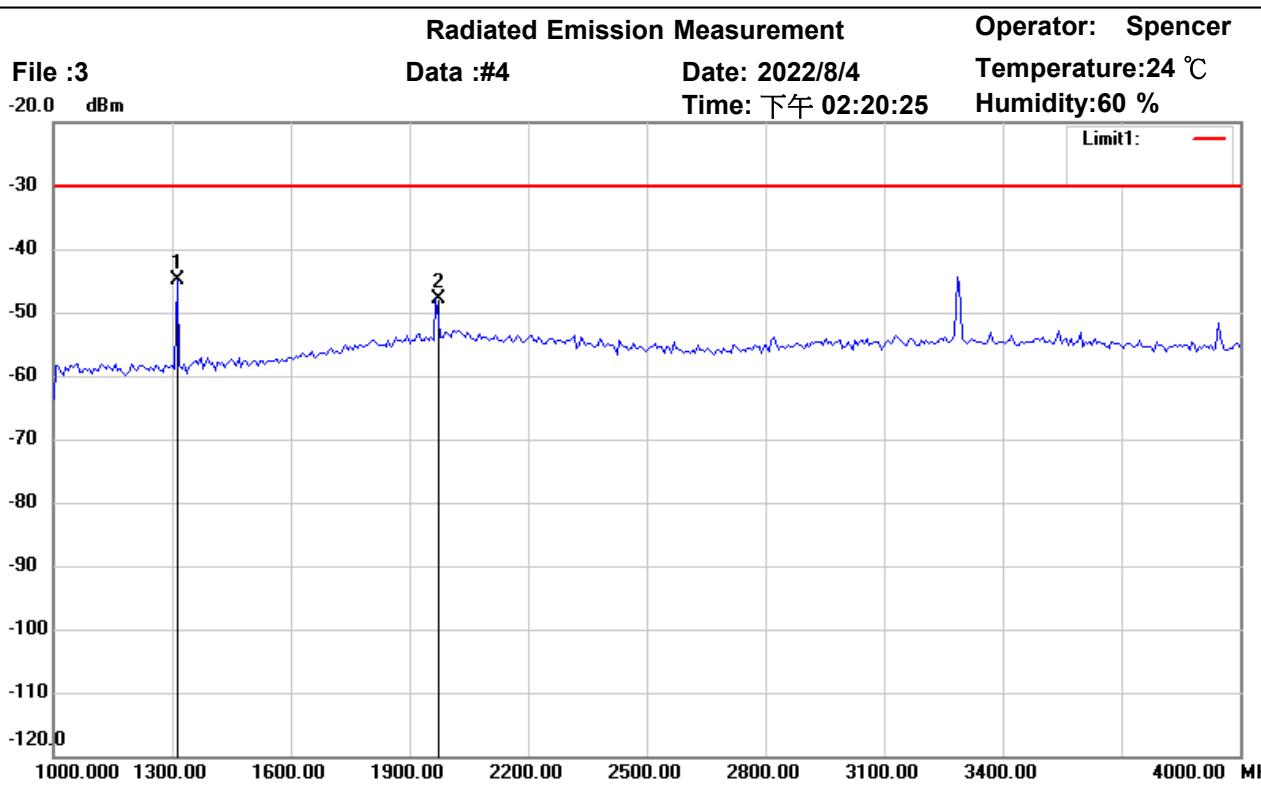
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1312.625	-50.29	peak	3.59	-46.70	-30.00	150	102	-16.70	
	1967.936	-58.04	peak	3.80	-54.24	-30.00	150	220	-24.24	



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Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

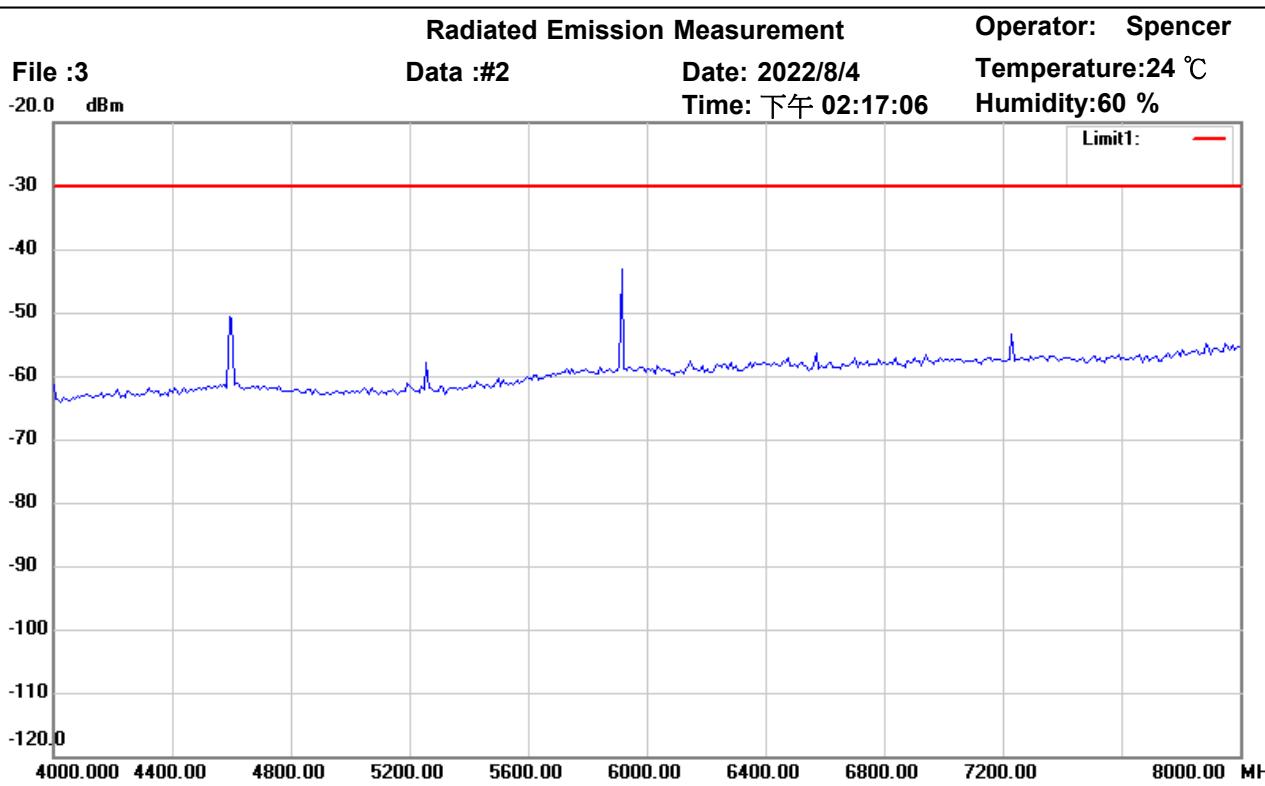
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1312.625	-48.45	peak	3.48	-44.97	-30.00	150	150	-14.97	
	1967.936	-55.76	peak	7.98	-47.78	-30.00	150	202	-17.78	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

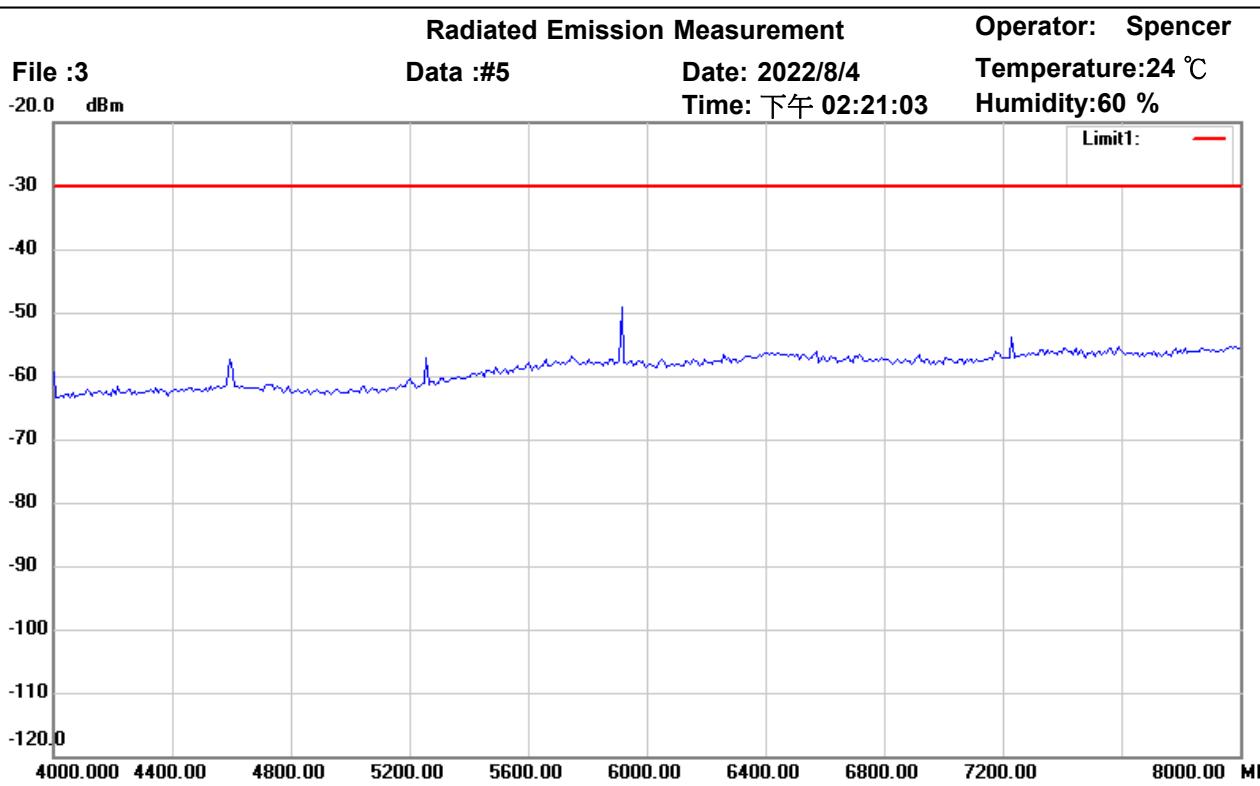
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

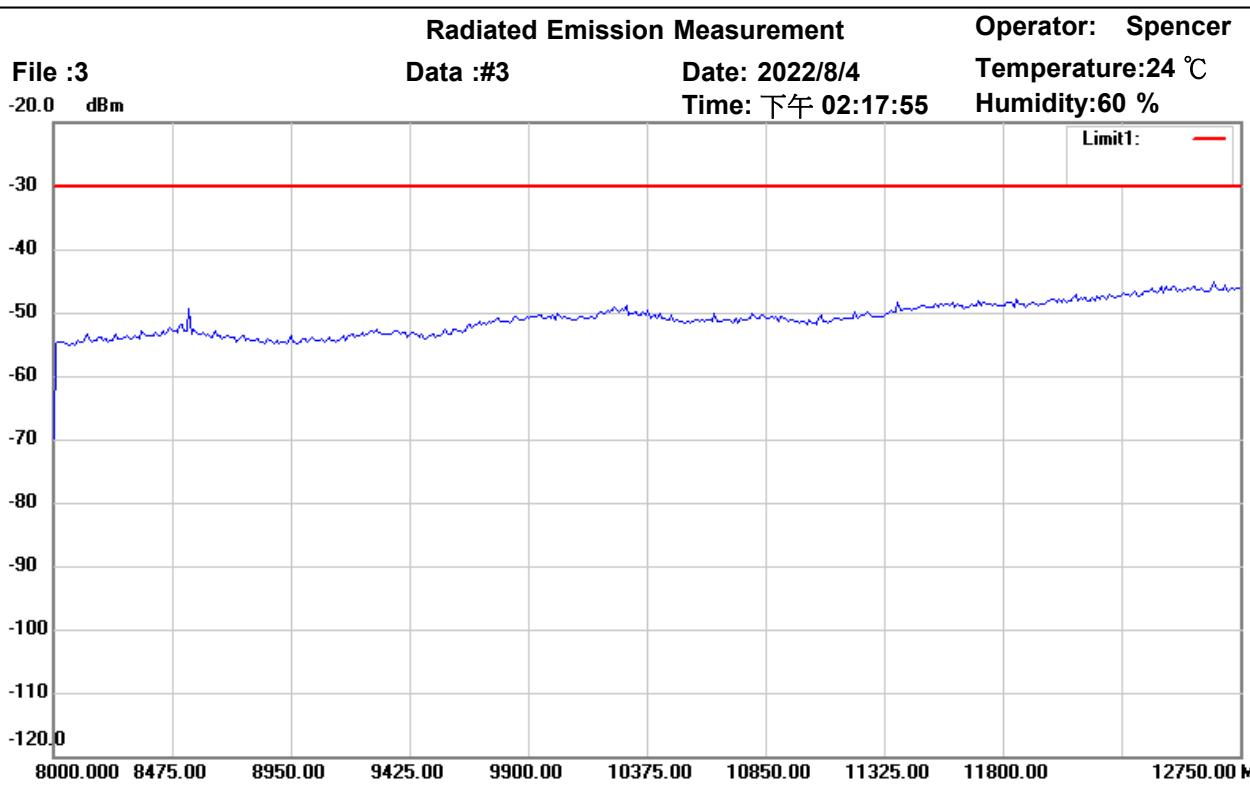
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment



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Site : Chamber

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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

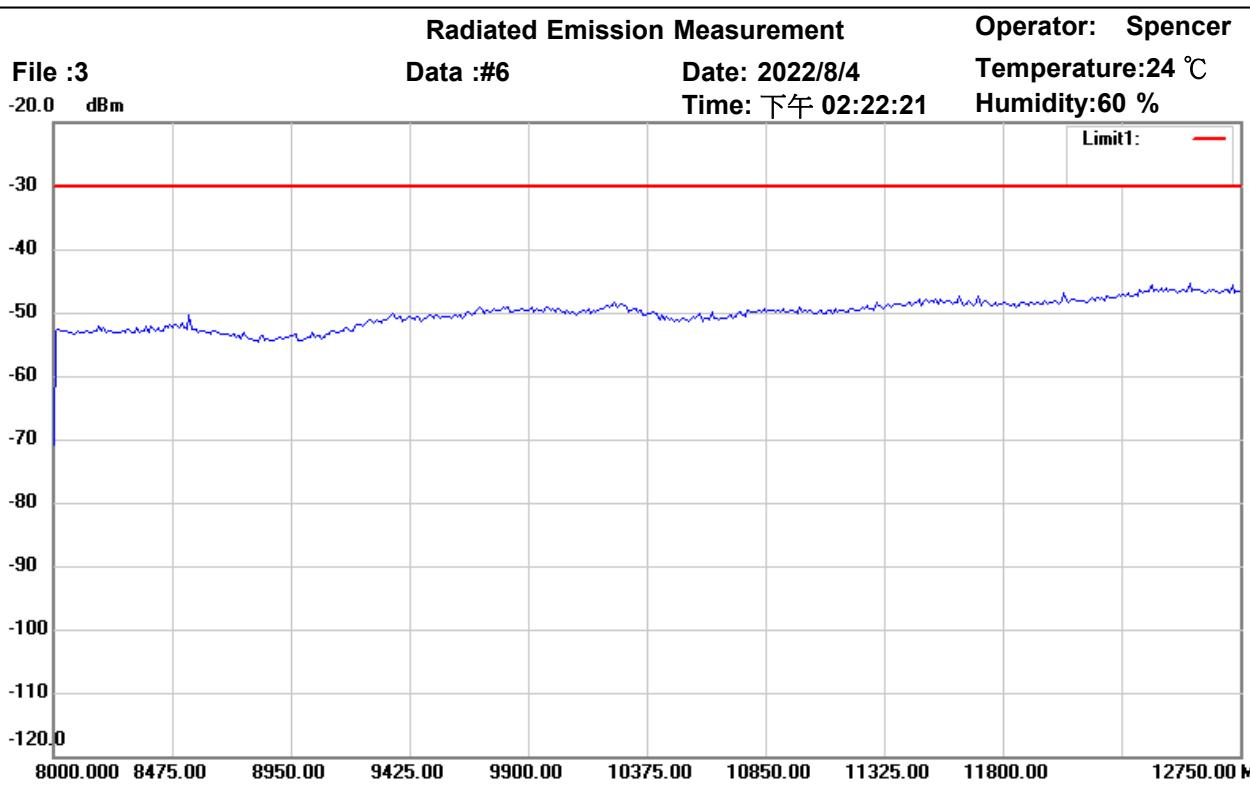
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*										



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

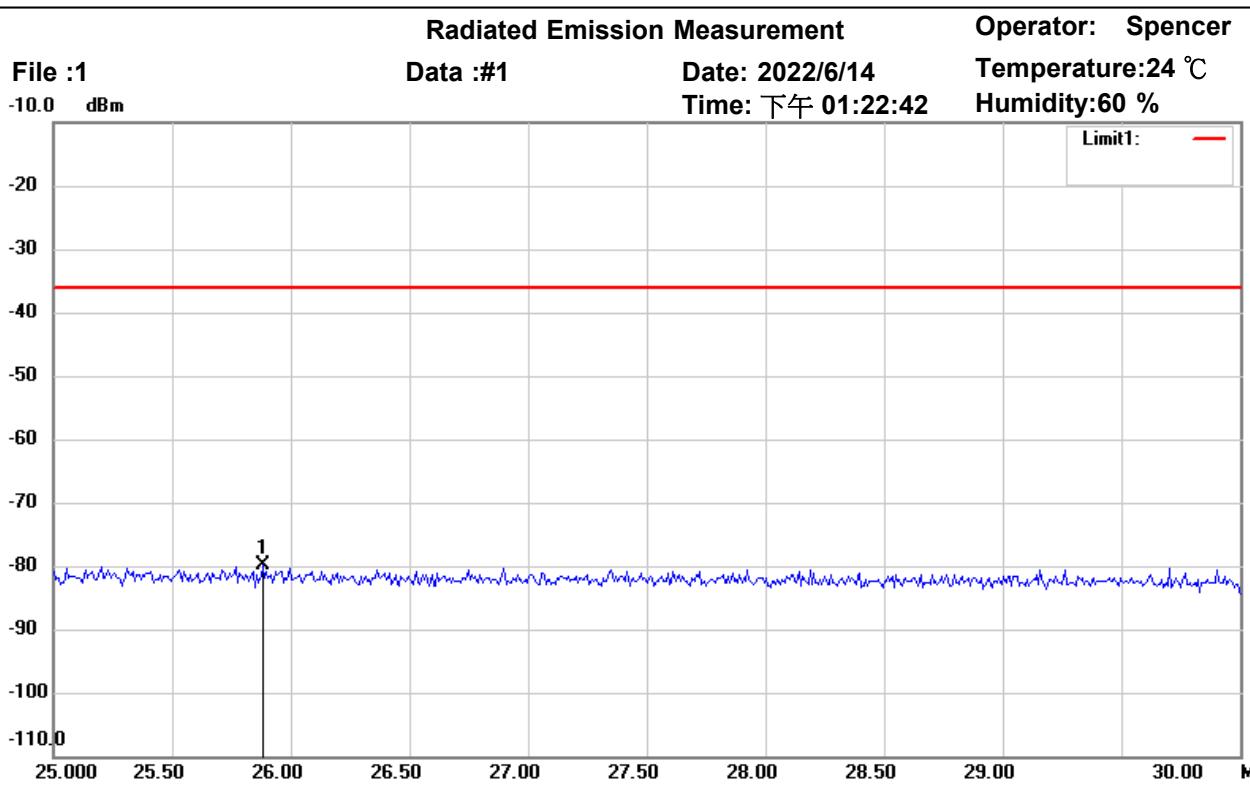
Test Mode : UHF 657.125MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

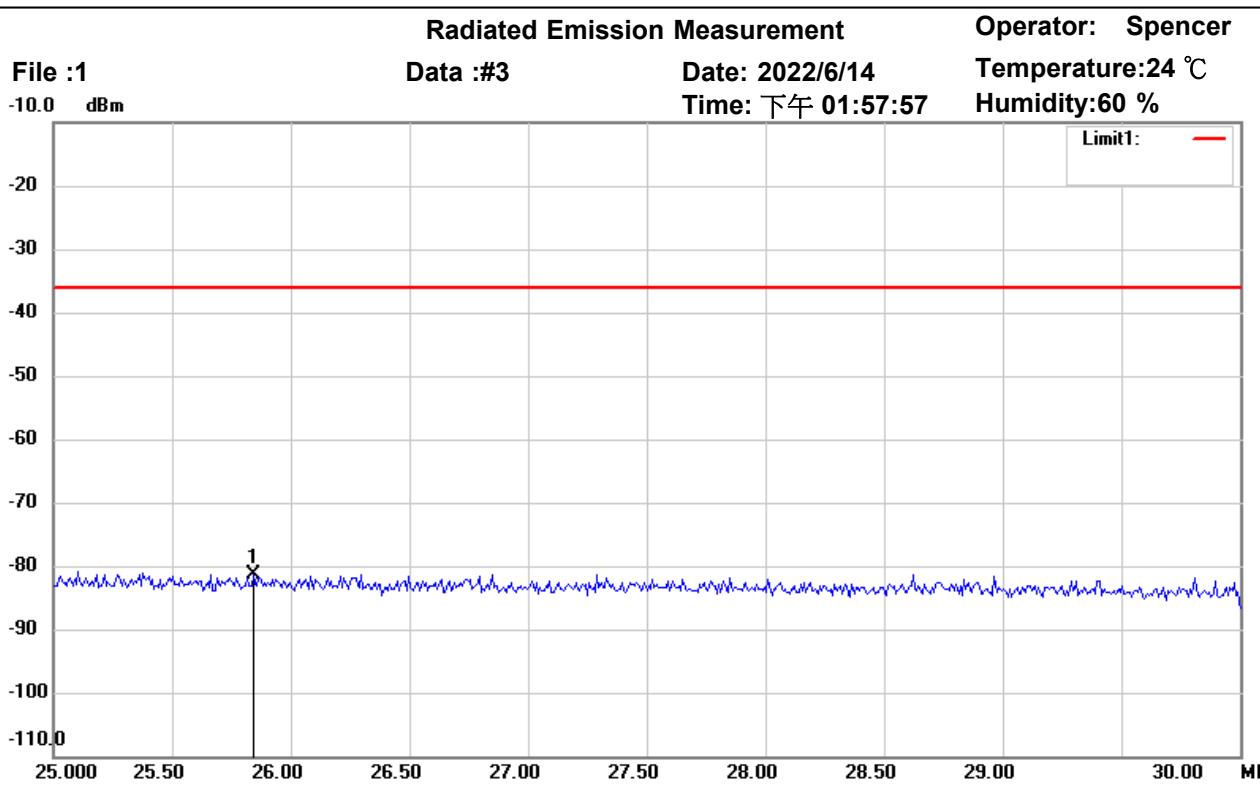
Test Mode : UHF 662.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	25.8814	-105.47	peak	25.49	-79.98	-36.00	150	102	-43.98	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

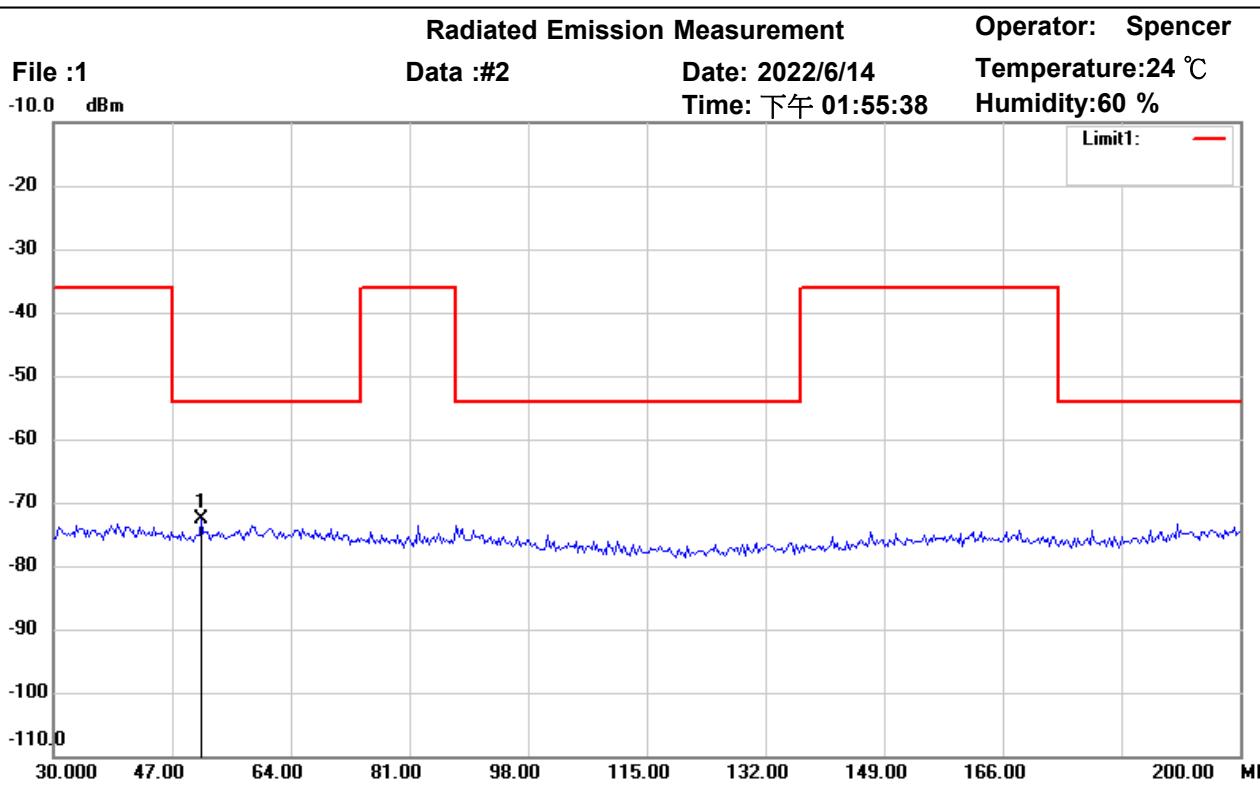
Test Mode : UHF 662.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	25.8412	-105.78	peak	24.43	-81.35	-36.00	150	60	-45.35	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

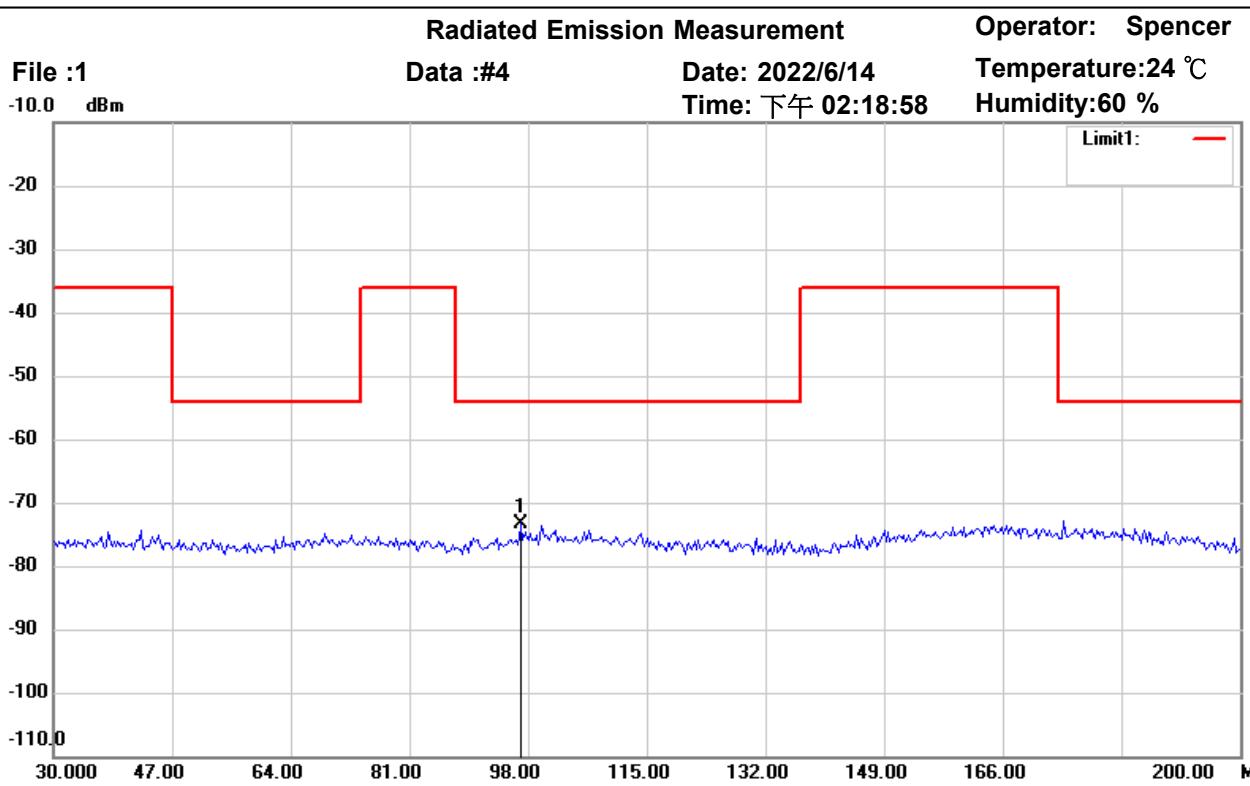
Test Mode : UHF 662.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.2500	-94.80	peak	22.15	-72.65	-54.00	150	25	-18.65	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

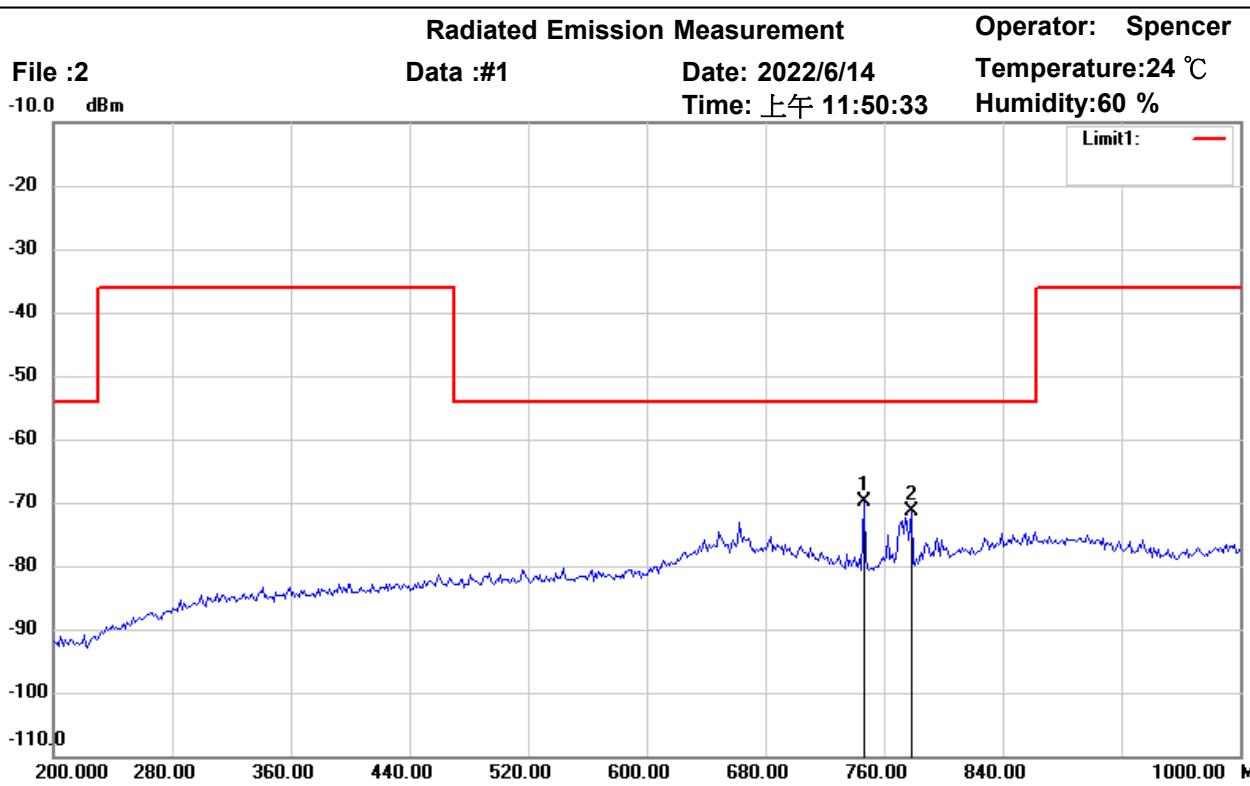
Test Mode : UHF 662.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	97.0192	-95.25	peak	21.82	-73.43	-54.00	150	100	-19.43	



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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

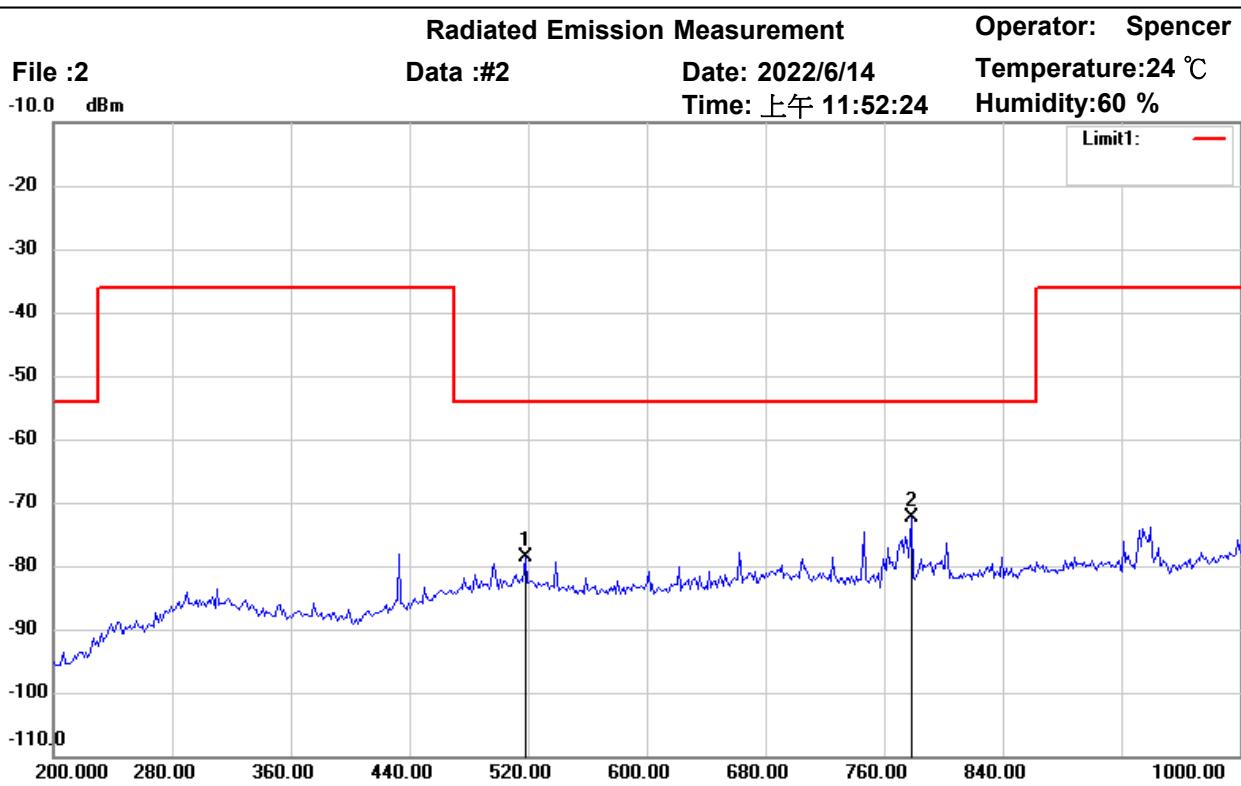
Test Mode : UHF 662.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	746.1538	-64.80	peak	-5.09	-69.89	-54.00	150	218	-15.89	
	778.2051	-67.08	peak	-4.31	-71.39	-54.00	150	60	-17.39	



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Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

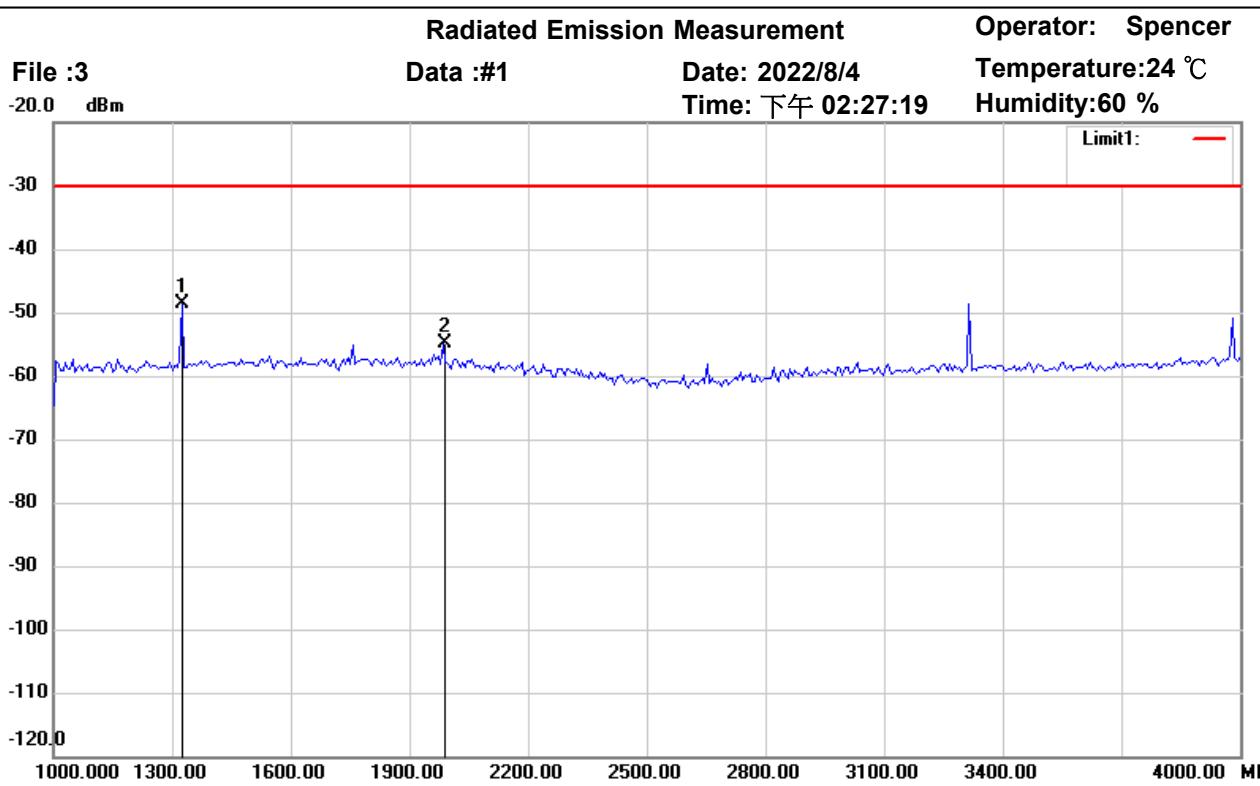
Test Mode : UHF 662.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	517.9487	-71.71	peak	-7.01	-78.72	-54.00	150	144	-24.72	
*	778.2051	-68.46	peak	-3.93	-72.39	-54.00	150	93	-18.39	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

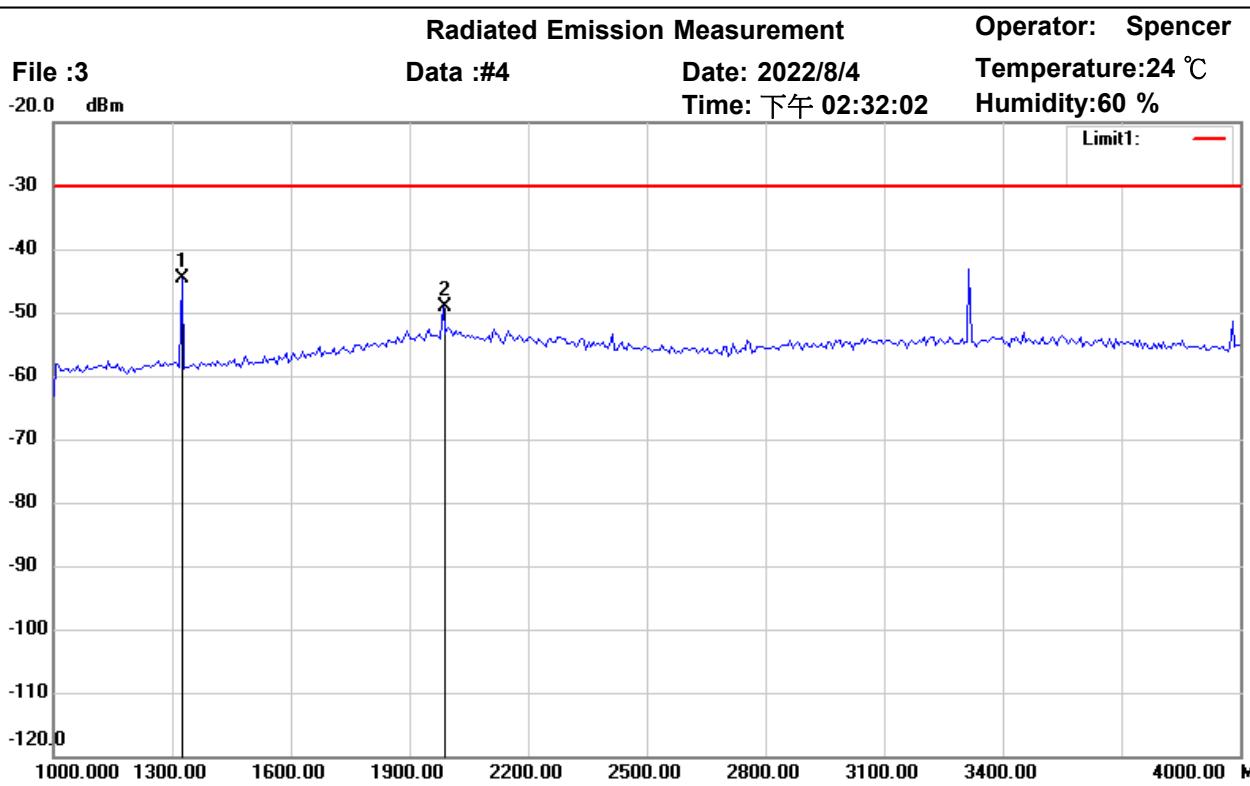
Test Mode : UHF 662.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1324.649	-52.12	peak	3.59	-48.53	-30.00	150	102	-18.53	
	1985.972	-58.65	peak	3.81	-54.84	-30.00	150	233	-24.84	



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Site : Chamber

Condition : ETSI EN300_422-TX_Spurious_OP

Polarization: *Vertical*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

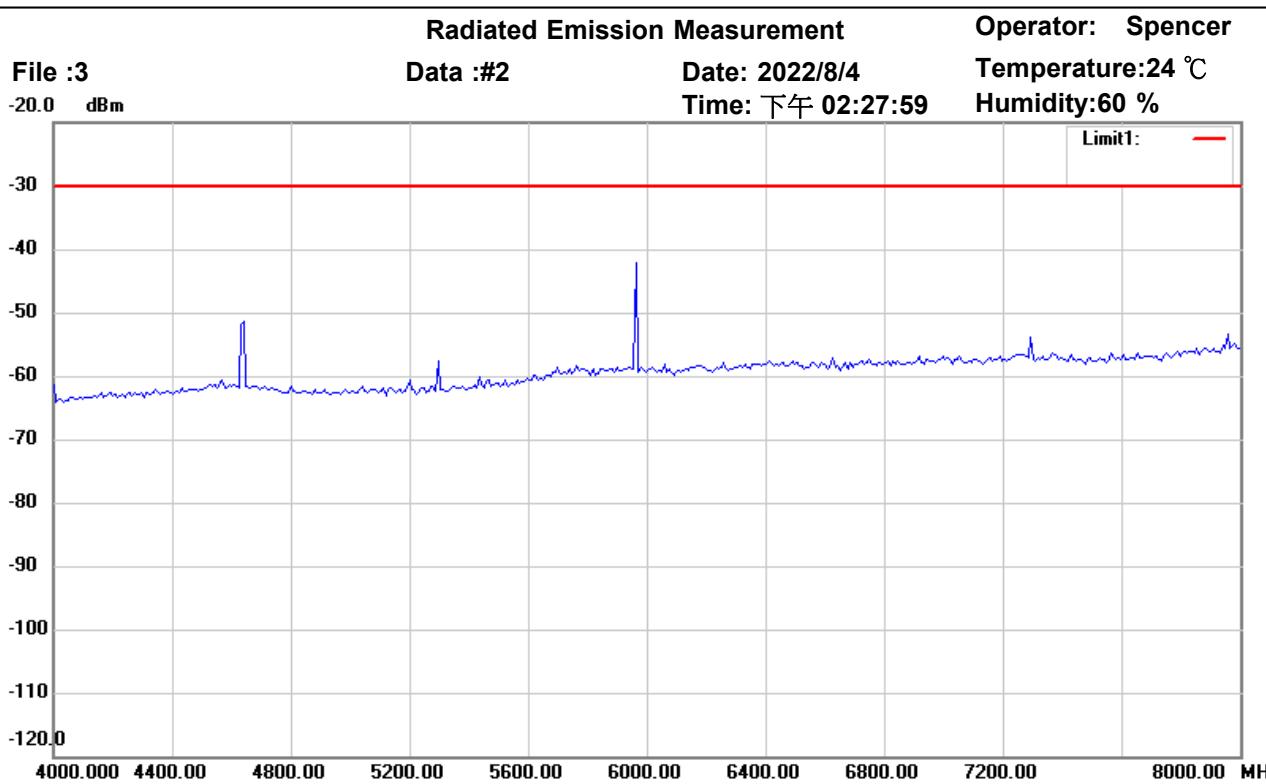
Test Mode : UHF 662.875MHz TX

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1324.649	-48.00	peak	3.48	-44.52	-30.00	150	221	-14.52	
	1985.972	-57.23	peak	8.16	-49.07	-30.00	150	102	-19.07	



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Polarization: *Horizontal*

EUT : W6M22108-21180

Power : 3V D.C.

M/N:

Distance: 3m

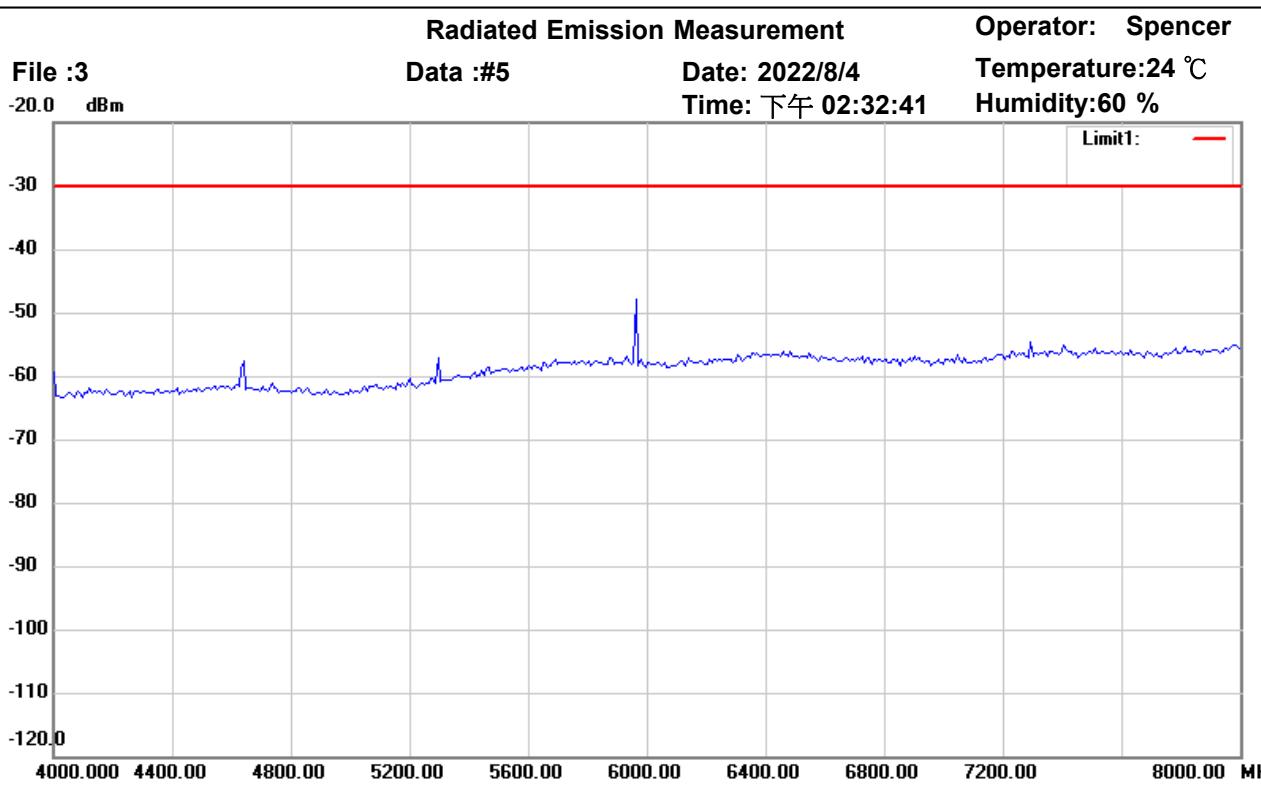
Test Mode : UHF 662.875MHz TX

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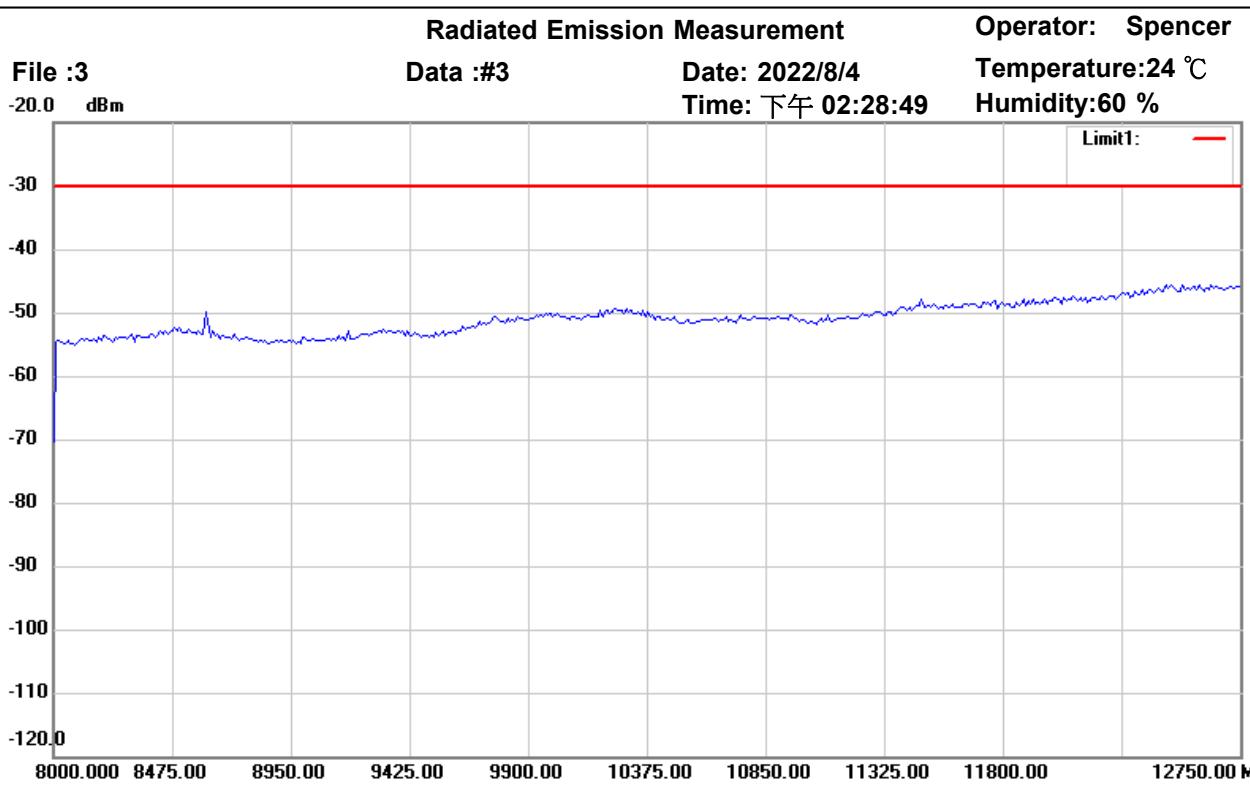
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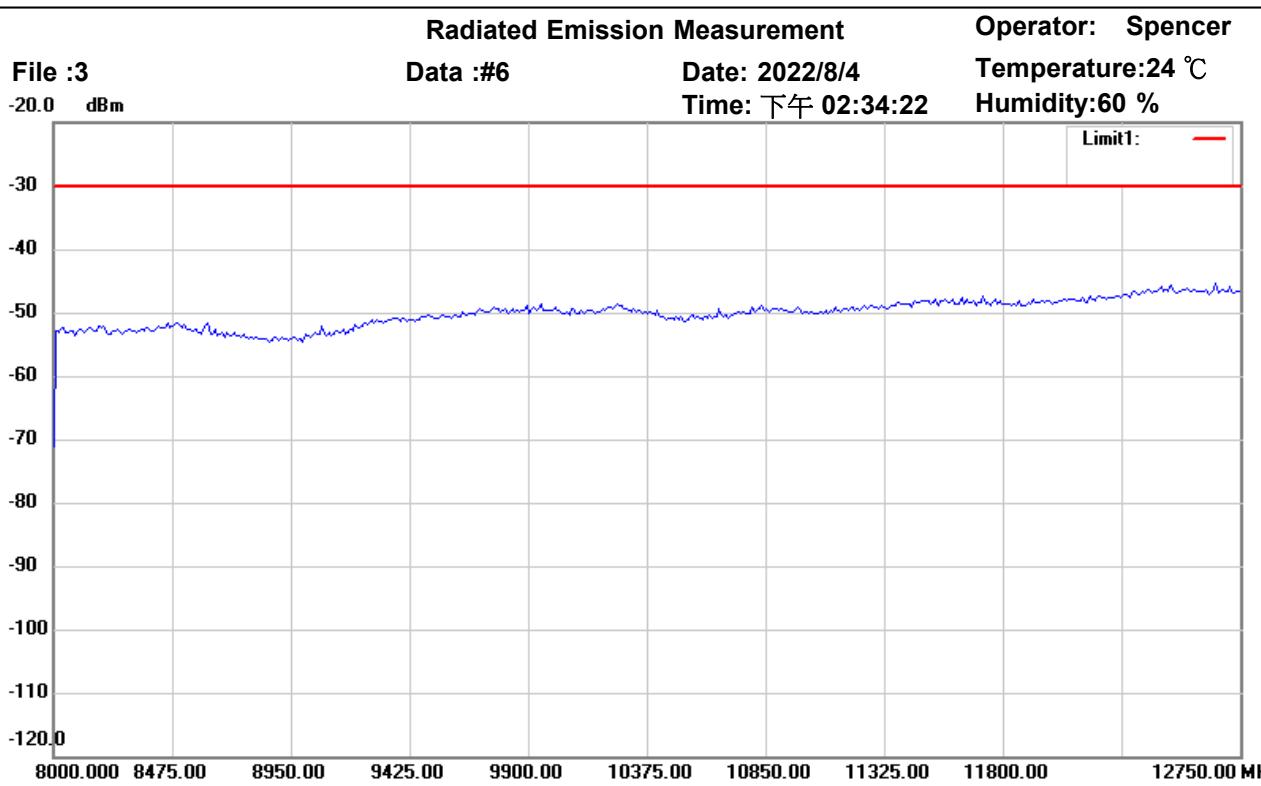
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