



TEST REPORT

Applicant: PO FUNG ELECTRONIC (HK) INTERNATONAL

GROUP COMPANY LIMITED

Address: Room 1508, 15/F, Office Tower II, Grand Plaza, 625 Nathan Road,

Kowloon, Hong Kong

FCC ID: 2AJGM-UV22R

Product Name: Amateur Radio

Standard(s): 47 CFR Part 15 Subpart B

ANSI C63.4-2014

The above equipment has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: CR230633408-00A

Date Of Issue: 2023/7/4

Reviewed By: Calvin Chen

Title: RF Engineer

Calin Chen
Sun Zhong **Approved By: Sun Zhong**

Title: Manager

Test Laboratory: China Certification ICT Co., Ltd (Dongguan)

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Guangdong, China Tel: +86-769-82016888

Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No.: 442868, the FCC Designation No.: CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "▲". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk "★".

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Revision Number	Report Number	Description of Revision	Date of Revision	
1.0	CR230633408-00A	Original Report	2023/7/4	

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

Product Name:	Amateur Radio
Test Model:	UV-22R
Multiple Models:	BF-22R, UV-22H, UV-22M, UV-22L
Highest Operation Frequency:	520MHz
Rated Input Voltage:	DC 7.4V from battery
Serial Number:	26TE-1
EUT Received Date:	2023/6/13
EUT Received Status:	Good

Note: The Multiple models are electrically identical with the test model. Please refer to the declaration letter for more detail, which was provided by manufacturer.

Accessory Information:

Accessory Description	Manufacturer	Model	Parameters
Adapter	Fu Jian Baofeng Electronic Co., Ltd	BF-1001000	Input: AC 100-240V~50/60Hz 0.5A Output: DC 10V==1 A

Operation Frequency And Test Channel:

Operation Modes	Operation Frequency Range (MHz)	Test Frequency (MHz)
VHF Receiving	136-174	136.0125, 155, 173.9875
UHF Receiving	400-520	400.0125, 460, 519.9875
Scanning	136-174 400-520	/

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1.2 Description of Test Configuration

1.2.1 EUT Operation Condition:

	The system was configured for testing in Typical Use Mode, which was provided by the manufacturer.
EUT Operation Mode:	Test Mode: M1: Charging & Scanning (136-174&400-520) M2: Charging & Receiving (136.0125;155;173.9875; 400.0125; 460;519.9875)
Equipment Modifications:	No
EUT Exercise Software:	No

1.2.2 Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Agilent	MXG Vector Signal Generator	N5182B	MY51350142
PO FUNG	earphone	480	4801

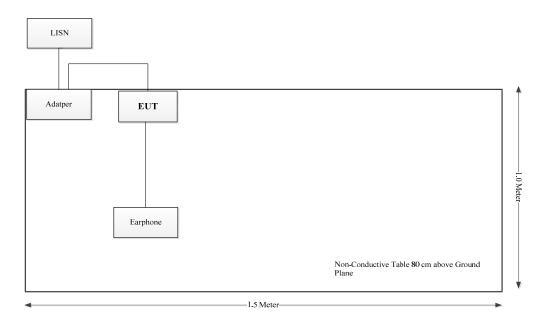
1.2.3 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	То
antenna cable	No	No	1.5	antenna	N5182B
adapter cable	No	No	0.9	adapter	charging base
earphone cable	No	No	1	earphone	EUT

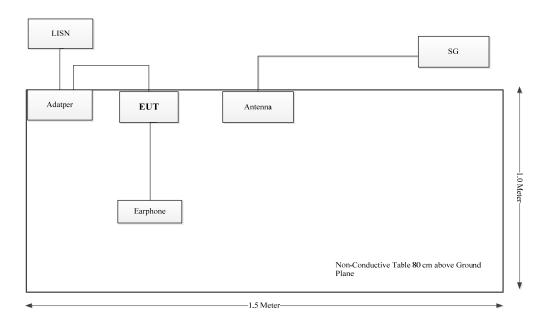
1.2.4 Block Diagram of Test Setup

CE:

M1:

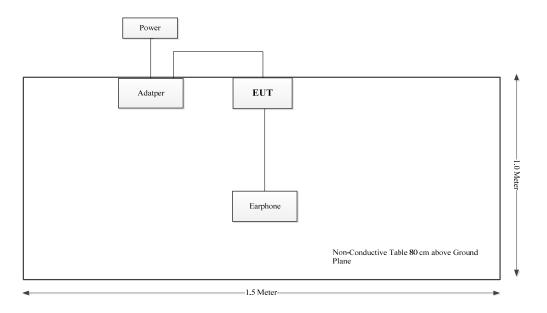


M2:

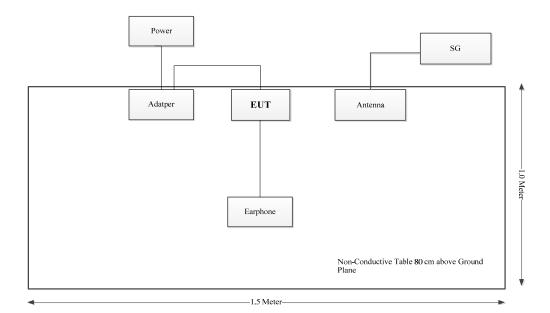


RE:

M1:



M2:



1.3 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

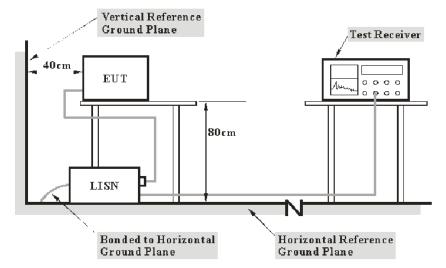
Parameter	Measurement Uncertainty		
Unwanted Emissions, radiated	30M~200MHz: 4.15 dB,200M~1GHz: 5.61 dB,1G~6GHz: 5.14 dB,		
Onwanted Emissions, ideated	6G~18GHz: 5.93 dB,18G~26.5G:5.47 dB,26.5G~40G:5.63 dB		
Temperature	±1 ℃		
Humidity	±5%		
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)		

Standard(s) Section	Description of Test	Result
§15.107	Conducted emissions	Compliant
§15.109	Radiated emissions	Compliant
§15.111	Antenna power conduction limits for receivers	Compliant
§15.121(b)	Scanning receivers and frequency converters used with scanning receivers	Compliant

3. REQUIREMENTS AND TEST PROCEDURES

3.1 AC Line Conducted Emissions

3.1.1 EUT Setup



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

3.1.2 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W	
150 kHz – 30 MHz	9 kHz	

3.1.3 Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT, the report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

All data was recorded in the Quasi-peak and average detection mode.

The report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

3.1.4 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor = attenuation caused by cable loss + voltage division factor of AMN

The "Margin" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

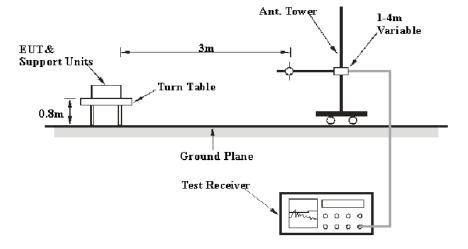
Margin = Limit - Result

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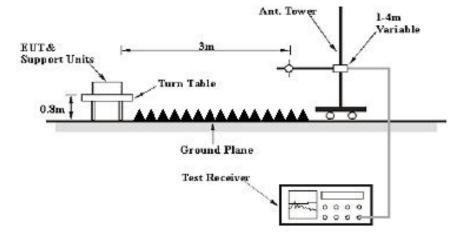
3.2 Radiation Spurious Emissions

3.2.1 EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The specification used was with the FCC Part 15 B Class B limits.

3.2.2 Equipment Setup

The system was investigated from 30 MHz to 5 GHz.

During the radiated emission test, the test equipment was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	10Hz	/	AVG

If the maximized peak measured value complies with under the limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

3.2.3 Test Procedure

During the radiated emissions, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz.

All emissions under the average limit and under the noise floor have not recorded in the report.

3.2.4 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor = Antenna Factor + Cable Loss- Amplifier Gain

The "Margin" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit - Result

3.3 Antenna Power Conduction Limits for Receivers

3.3.1 Applicable Standard

FCC§15.111.

(a) In addition to the radiated emission limits, receivers that operate (tune) in the frequency range 30 to 960 MHz and CB receivers that provide terminals for the connection of an external receiving antenna may be tested to demonstrate compliance with the provisions of § 15.109 with the antenna terminals shielded and terminated with a resistive termination equal to the impedance specified for the antenna, provided these receivers also comply with the following: With the receiver antenna terminal connected to a resistive termination equal to the impedance specified or employed for the antenna, the power at the antenna terminal at any frequency within the range of measurements specified in § 15.33 shall not exceed 2.0 nanowatts.

Test Procedure

EUT antenna port connected to a spectrum analyzer, the traces were recorded as shown on the data page	EUT a	antenna por	t connected to a	spectrum anal	yzer, th	ne traces	were record	ed as s	hown on	the d	ata page	es.
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3.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

Applicable Standard

FCC §15.121(b).

(b) Except as provided in paragraph (c) of this section, scanning receivers shall reject any signals from the Cellular Radiotelephone Service frequency bands that are 38 dB or lower based upon a 12 dB SINAD measurement, which is considered the threshold where a signal can be clearly discerned from any interference that may be present.

Test Procedure

1. Connected the EUT as the below block diagram;



- 2. Apply a signal to the EUT antenna port at lowest, middle, highest channel frequencies of the operating band;
- 3. Adjust the audio output level of the EUT to it's rated value with the distortion less than 10%;
- 4. Adjust the Signal Generator output power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB; These output level of the Signal Generator at each channel frequency is the sensitivity of the EUT;
- 5. Select the lowest or worst case sensitivity level for all of the bands as the reference sensitivity;
- 6. Adjust the Signal Generator output to a level of +60 dB above the reference sensitivity obtained in step 5 and its frequency to the frequency point in the Cellular Band;
- 7. Set the EUT squelch to threshold, the signal required to open the squelch must be lower than the reference sensitivity level;
- 8. Set the EUT in a scanning mode and allow it to scan through it's complete receiving range;
- 9. If the EUT un-squelched or stopped on any frequency, receiving at this frequency, then adjust the signal generator output level until 12 dB SINAD is produced, this level is the spurious value and the difference between the reference sensitivity and the spurious value is the rejection ratio and must be at least 38 dB;
- 10. Repeat above procedure at the frequencies 824, 836, 849 MHz for the mobile band, and 869, 881.5 and 894 MHz for the Cellular Base Band.

4. TEST DATA AND RESULTS

4.1 AC Line Conducted Emissions

Serial Number:	26TE-1	Test Date:	2023/06/21
Test Site:	CE	Test Mode:	M1,M2
Tester:	David Huang	Test Result:	Pass

Environmental Conditions:								
Temperatu (°	re: 24.5	Relative Humidity: (%)	62	ATM Pressure: (kPa)	100.8			

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2023/03/31	2024/03/30
R&S	EMI Test Receiver	ESR3	102726	2022/07/15	2023/07/14
MICRO-COAX	Coaxial Cable	UTIFLEX	C-0200-01	2022/08/07	2023/08/06
Audix	Test Software	E3	190306 (V9)	N/A	N/A

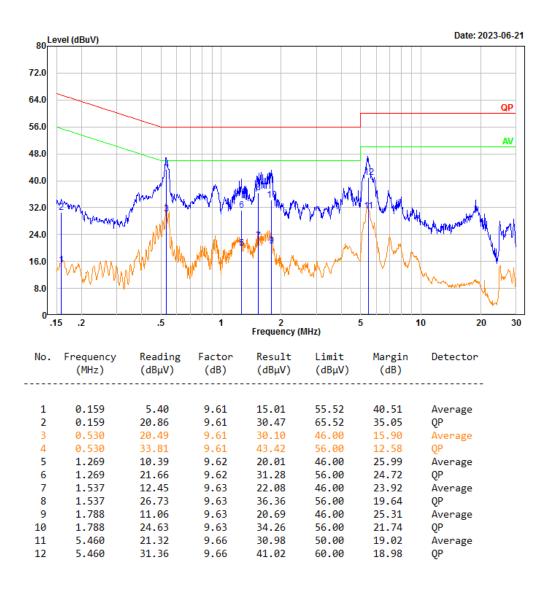
^{*} Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

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Test Mode: M1

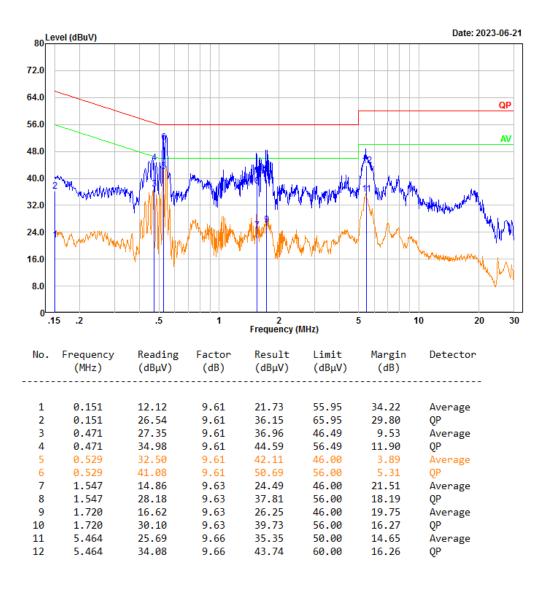
Test Mode: Charging& Scanning

Port: Line Note:



Test Mode: Charging& Scanning

Port: neutral

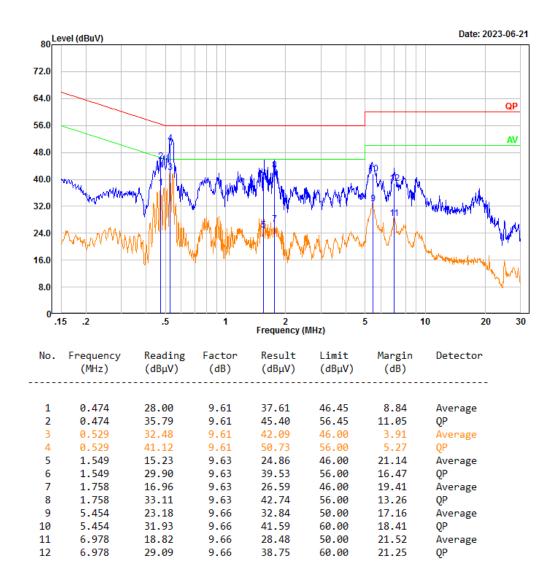


Test Mode: M2

Note: Pre-scan operating frequency at 136.0125/155/173.9875MHz, worst case is operating at 155 MHz.

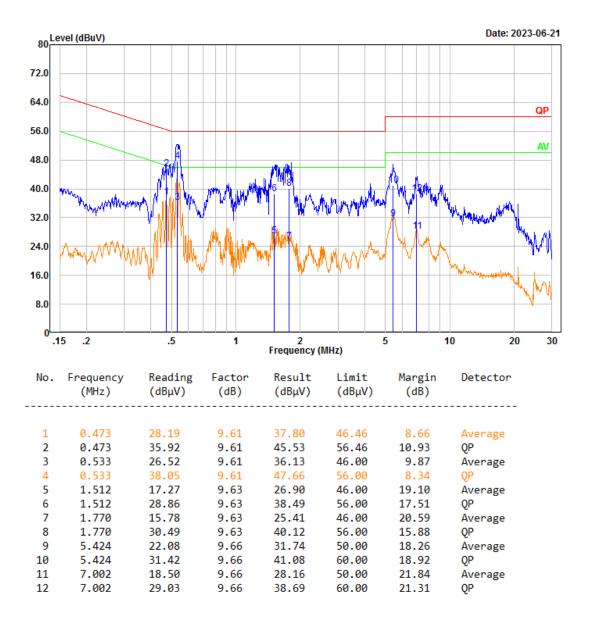
Test Mode: Charging& Receiving

Port: Line Note:



Test Mode: Charging& Receiving

Port: neutral

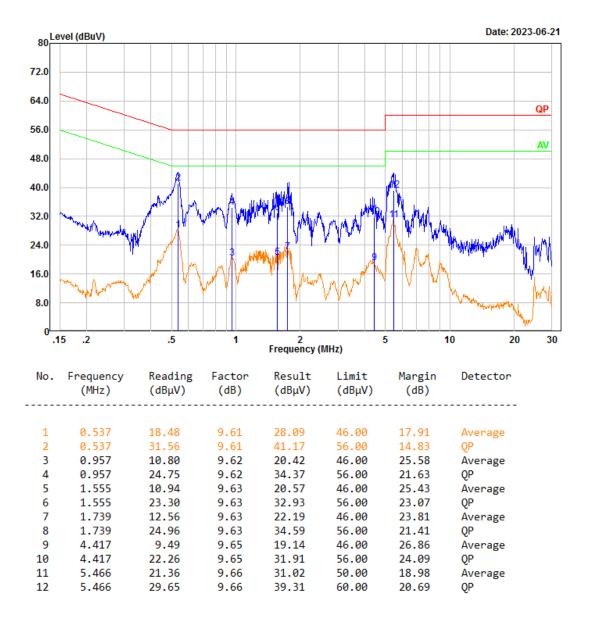


Test Mode: M2

Note: Pre-scan operating frequency at 400.0125/460/519.9875 MHz, worst case is operating at 460 MHz.

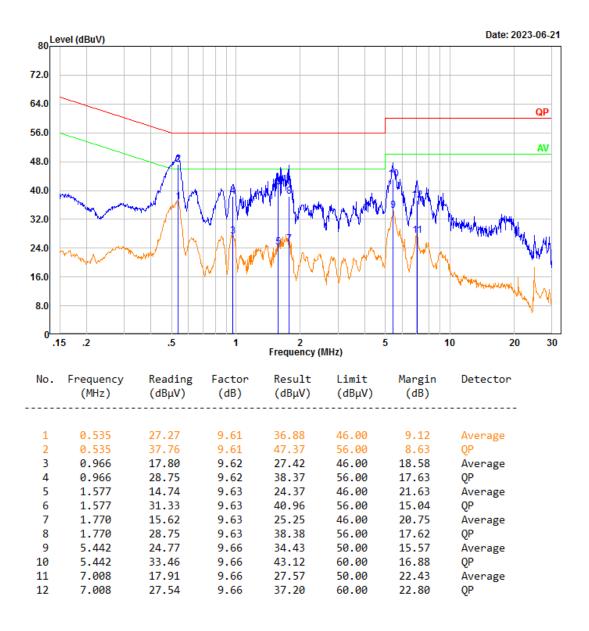
Test Mode: Charging& Receiving

Port: Line Note:



Test Mode: Charging& Receiving

Port: neutral



4.2 Radiation Spurious Emissions

Serial Number:	26TE-1	Test Date:	2023/06/20~2023/06/21
Test Site:	966-1/966-2	Test Mode:	M1,M2
Tester:	Vic Du, Mack Huang	Test Result:	Pass

Environmental Conditions:								
Temperature: $(^{\circ}\mathbb{C})$	23.2~27.2	Relative Humidity: (%)	58~68	ATM Pressure: (kPa)	100.1~100.5			

Test Equipment List and Details:

Test Equipment List and Details:								
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date			
Sunol Sciences	Antenna	JB6	A082520-5	2020/10/19	2023/10/18			
R&S	EMI Test Receiver	ESR3	102724	2022/07/15	2023/07/14			
TIMES MICROWAVE	Coaxial Cable	LMR-600- UltraFlex	C-0470-02	2022/07/17	2023/07/16			
TIMES MICROWAVE	Coaxial Cable	LMR-600- UltraFlex	C-0780-01	2022/07/17	2023/07/16			
Sonoma	Amplifier	310N	186165	2022/07/17	2023/07/16			
Audix	Test Software	E3	201021 (V9)	N/A	N/A			
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020/10/13	2023/10/12			
R&S	Spectrum Analyzer	FSV40	101591	2022/07/15	2023/07/14			
MICRO-COAX	Coaxial Cable	UFA210A-1- 1200-70U300	217423-008	2022/08/07	2023/08/06			
MICRO-COAX	Coaxial Cable	UFA210A-1- 2362-300300	235780-001	2022/08/07	2023/08/06			
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2022/11/09	2023/11/08			

^{*} Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

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1) 30MHz-1GHz:

4

180.017

251.180

948.761

33.74 -13.63

-13.03

-0.21

44.57

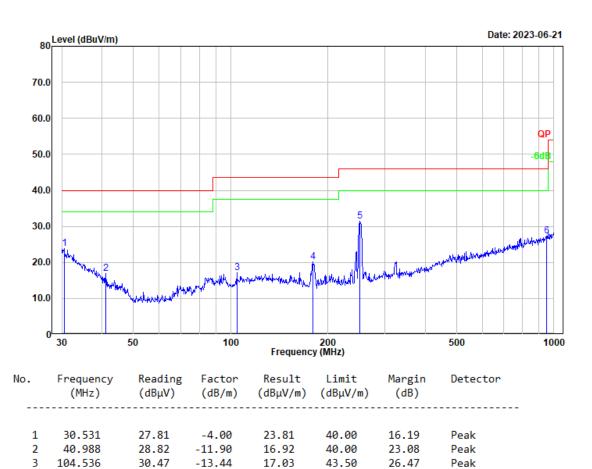
27.53

Test Mode: M1

Test Mode: Charging& Scanning

Polarization: horizontal

Note:



20.11 43.50

31.54

27.32

46.00

46.00

23.39

14.46

18.68

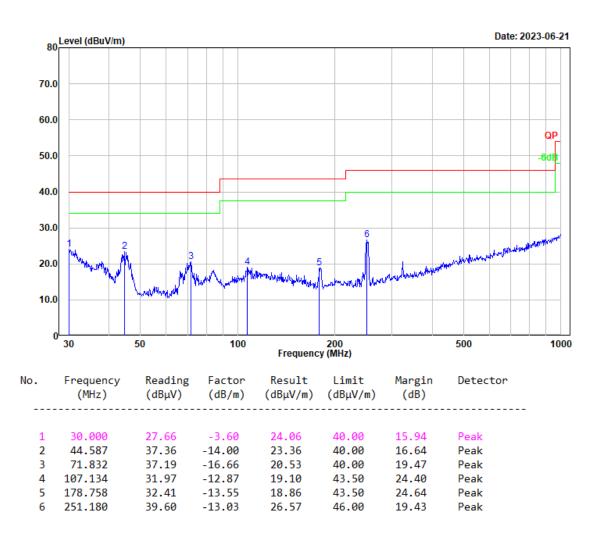
Peak

Peak

Peak

Test Mode: Charging& Scanning

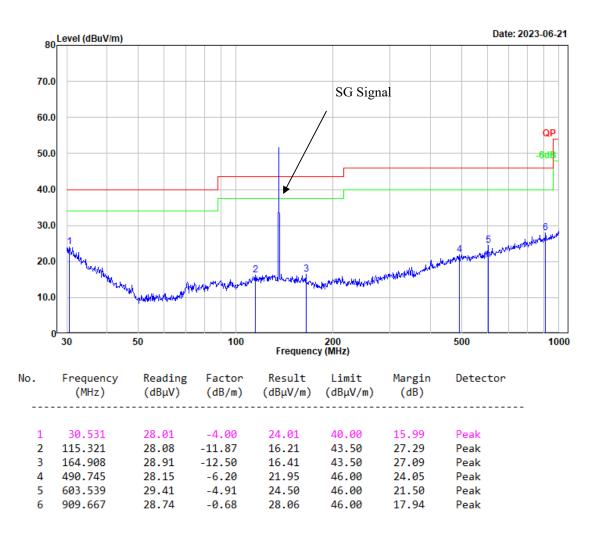
Polarization: vertical



Test Mode: *M2* (*RX* 136.0125*MHz*)

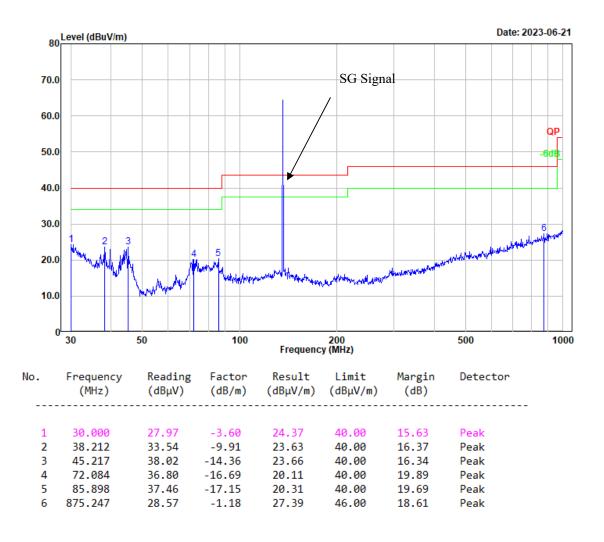
Test Mode: Charging& Receiving

Polarization: horizontal



Test Mode: Charging& Receiving

Polarization: vertical



Test Mode: *M2 (RX 155MHz)*

5

143.830

638.369

29.01

28.93

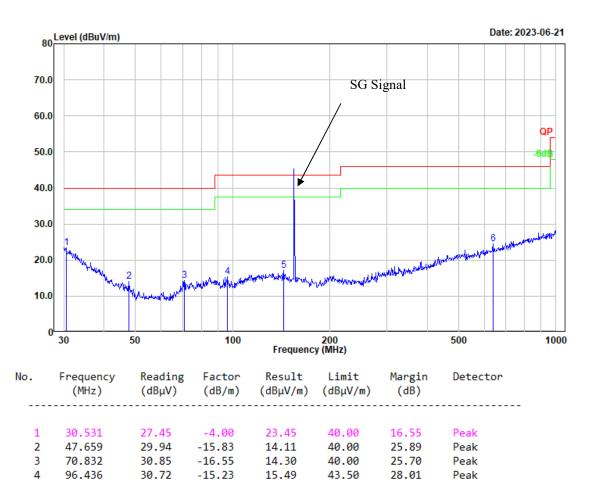
-11.96

-4.41

Test Mode: Charging& Receiving

Polarization: horizontal

Note:



17.05

24.52

43.50

46.00

26.45

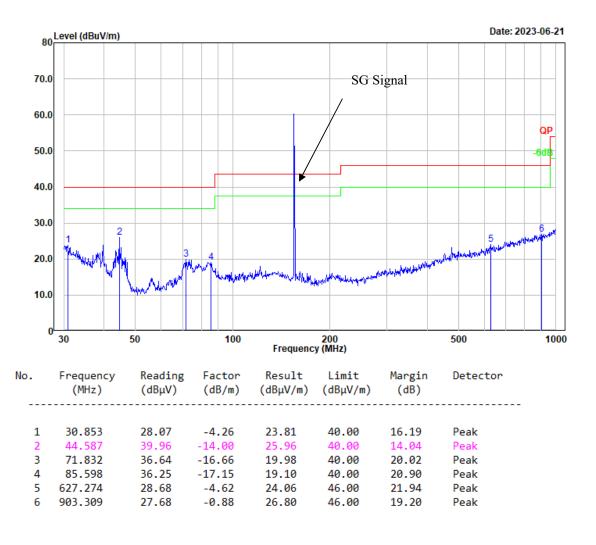
21.48

Peak

Peak

Test Mode: Charging& Receiving

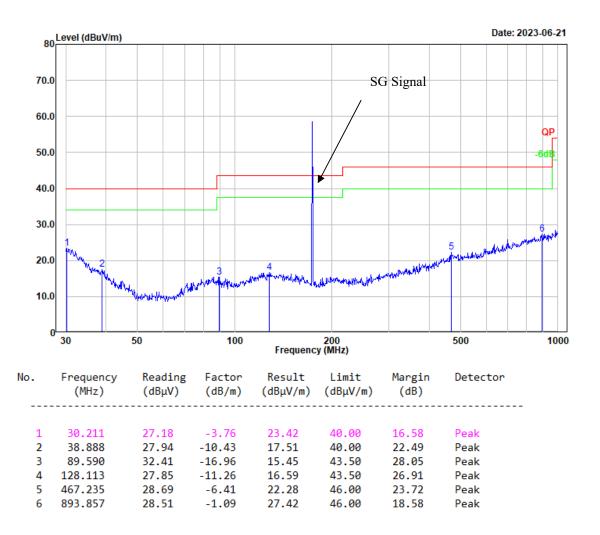
Polarization: vertical



Test Mode: *M2* (*RX 173.9875 MHz*)

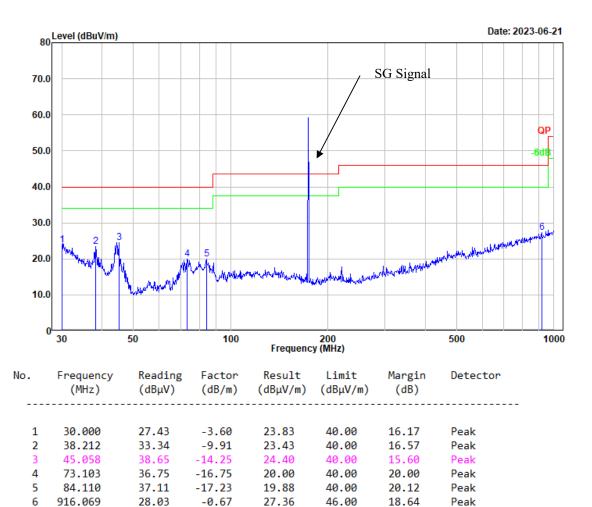
Test Mode: Charging& Receiving

Polarization: horizontal



Test Mode: Charging& Receiving

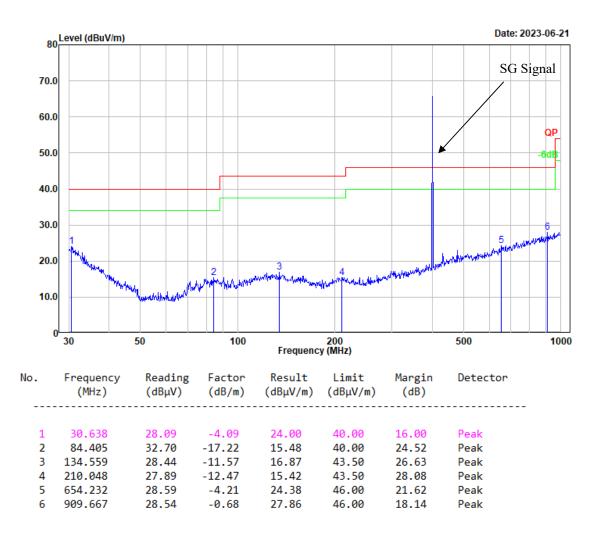
Polarization: vertical



Test Mode: *M2* (*RX* 400.0125MHz)

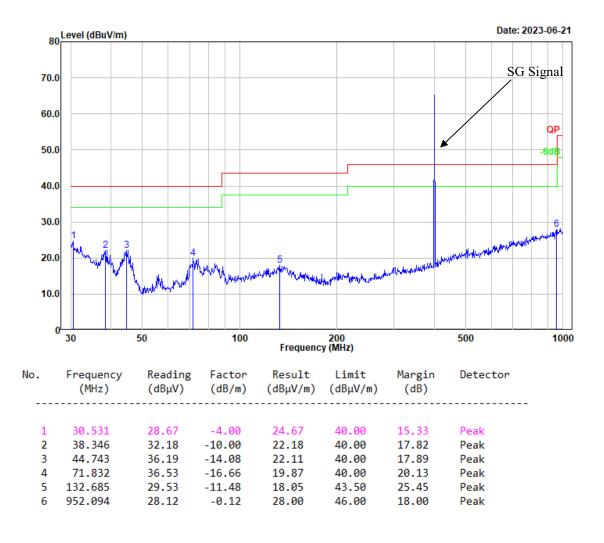
Test Mode: Charging& Receiving

Polarization: horizontal



Test Mode: Charging& Receiving

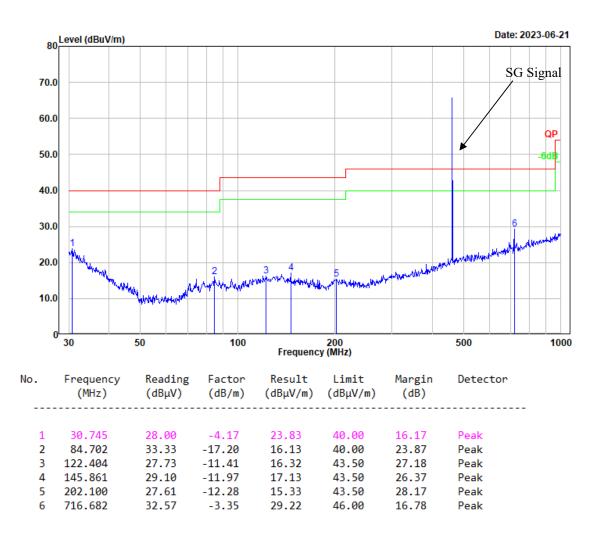
Polarization: vertical



Test Mode: *M2 (RX 460MHz)*

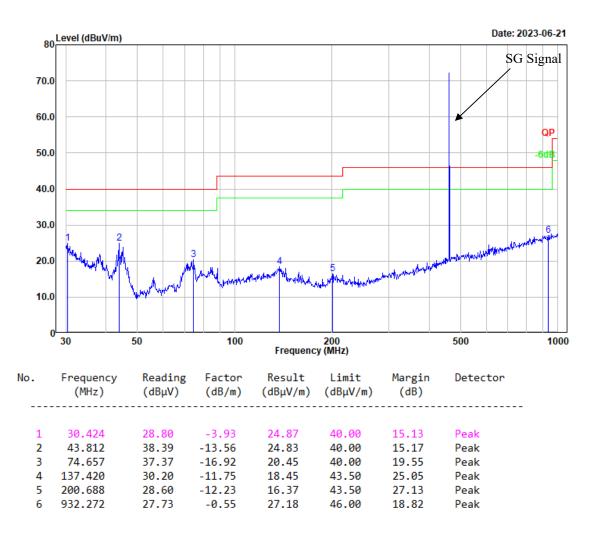
Test Mode: Charging& Receiving

Polarization: horizontal



Test Mode: Charging& Receiving

Polarization: vertical



Test Mode: *M2* (*RX 519.9875MHz*)

4

5

173.814

447.982

935.546

Test Mode: Charging& Receiving

29.77

28.41

27.60

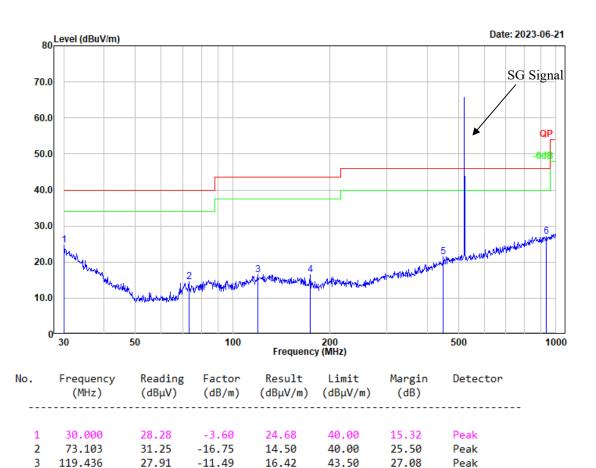
-13.19

-7.02

-0.50

Polarization: horizontal

Note:



16.58

21.39

27.10

43.50

46.00

46.00

26.92

24.61

18.90

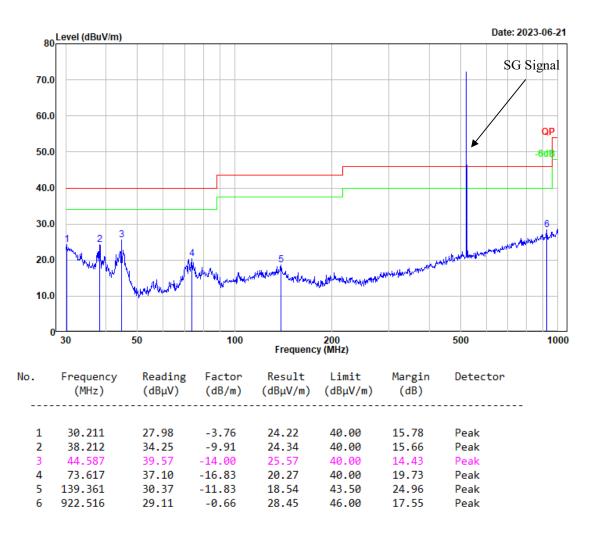
Peak

Peak

Peak

Test Mode: Charging& Receiving

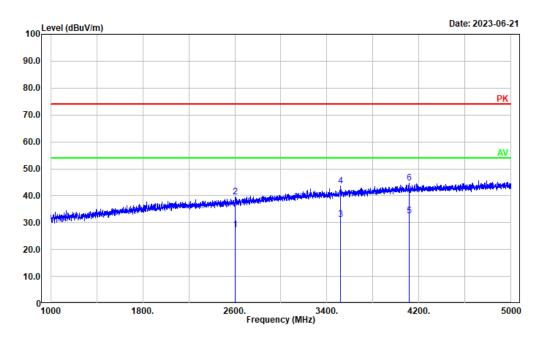
Polarization: vertical



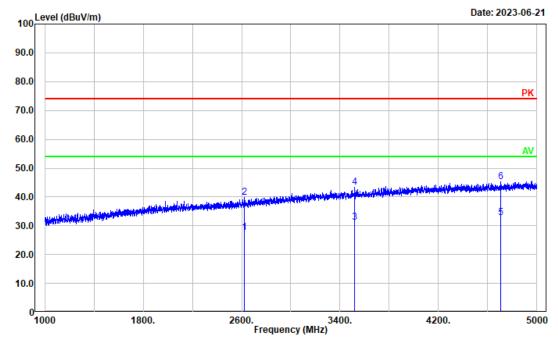
2) Above 1GHz

Test Mode: M1

Test Mode: Charging& Scanning Polarization: horizontal



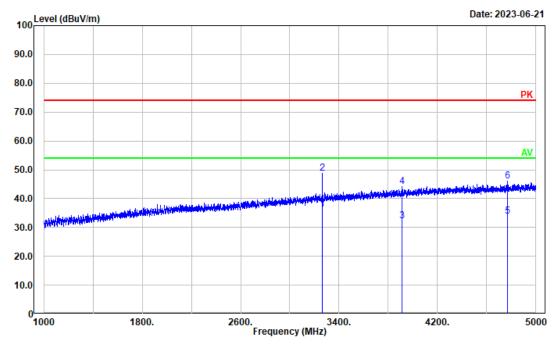
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2605.121	23.15	4.26	27.41	54.00	26.59	Average
2	2605.121	35.30	4.26	39.56	74.00	34.44	Peak
3	3519.704	23.42	7.69	31.11	54.00	22.89	Average
4	3519.704	35.83	7.69	43.52	74.00	30.48	Peak
5	4111.822	23.09	9.55	32.64	54.00	21.36	Average
6	4111.822	35.18	9.55	44.73	74.00	29.27	Peak



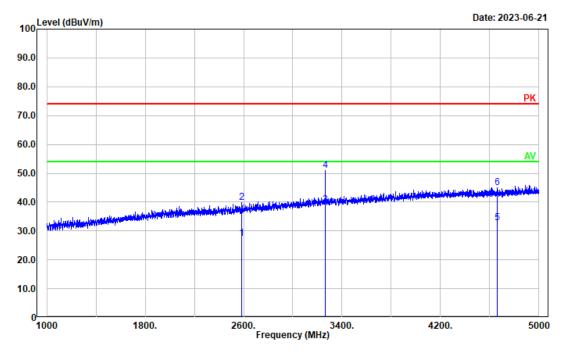
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2624.325	23.31	4.34	27.65	54.00	26.35	Average
2	2624.325	35.62	4.34	39.96	74.00	34.04	Peak
3	3520.504	23.33	7.70	31.03	54.00	22.97	Average
4	3520.504	35.66	7.70	43.36	74.00	30.64	Peak
5	4704.741	22.30	10.53	32.83	54.00	21.17	Average
6	4704.741	34.60	10.53	45.13	74.00	28.87	Peak

Test Mode: *M2* (*RX* 136.0125*MHz*)

Test Mode: Charging& Receiving Polarization: horizontal



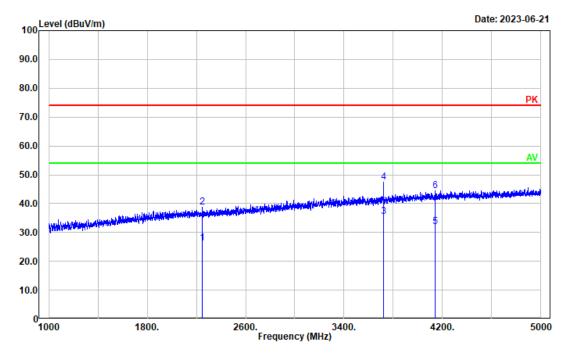
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3264.453	29.43	6.94	36.37	54.00	17.63	Average
2	3264.453	41.87	6.94	48.81	74.00	25.19	Peak
3	3913.383	23.08	9.07	32.15	54.00	21.85	Average
4	3913.383	35.17	9.07	44.24	74.00	29.76	Peak
5	4766.353	23.19	10.78	33.97	54.00	20.03	Average
6	4766.353	35.39	10.78	46.17	74.00	27.83	Peak



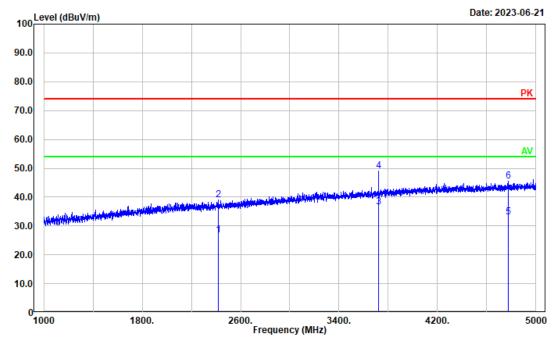
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2585.117	23.32	4.16	27.48	54.00	26.52	Average
2	2585.117	35.64	4.16	39.80	74.00	34.20	Peak
3	3264.453	32.02	6.94	38.96	54.00	15.04	Average
4	3264.453	44.05	6.94	50.99	74.00	23.01	Peak
5	4660.732	22.27	10.49	32.76	54.00	21.24	Average
6	4660.732	34.53	10.49	45.02	74.00	28.98	Peak

Test Mode: *M2 (RX 155MHz)*

Test Mode: Charging& Receiving Polarization: horizontal



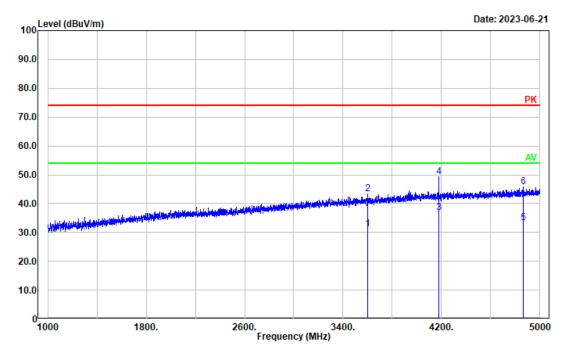
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2249.050	23.30	3.05	26.35	54.00	27.65	Average
2	2249.050	35.60	3.05	38.65	74.00	35.35	Peak
3	3720.544	27.06	8.39	35.45	54.00	18.55	Average
4	3720.544	39.11	8.39	47.50	74.00	26.50	Peak
5	4139.828	22.47	9.49	31.96	54.00	22.04	Average
6	4139.828	34.93	9.49	44.42	74.00	29.58	Peak



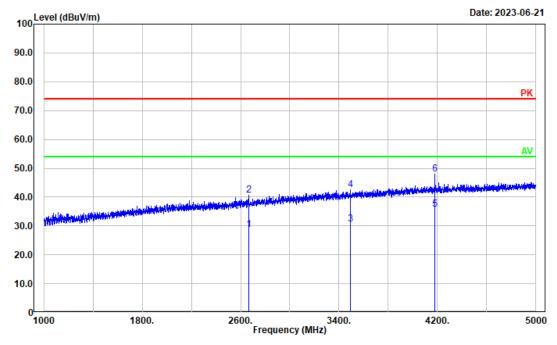
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2416.283	23.23	3.56	26.79	54.00	27.21	Average
2	2416.283	35.47	3.56	39.03	74.00	34.97	Peak
3	3719.744	28.27	8.39	36.66	54.00	17.34	Average
4	3719.744	40.53	8.39	48.92	74.00	25.08	Peak
5	4773.555	22.34	10.81	33.15	54.00	20.85	Average
6	4773.555	34.68	10.81	45.49	74.00	28.51	Peak

Test Mode: *M2 (RX 173.9875MHz)*

Test Mode: Charging& Receiving Polarization: horizontal



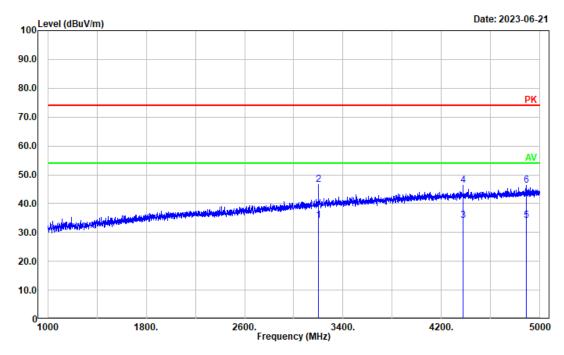
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3601.320	23.17	7.98	31.15	54.00	22.85	Average
2	3601.320	35.34	7.98	43.32	74.00	30.68	Peak
3	4175.835	27.32	9.57	36.89	54.00	17.11	Average
4	4175.835	39.64	9.57	49.21	74.00	24.79	Peak
5	4861.572	22.46	11.00	33.46	54.00	20.54	Average
6	4861.572	34.90	11.00	45.90	74.00	28.10	Peak



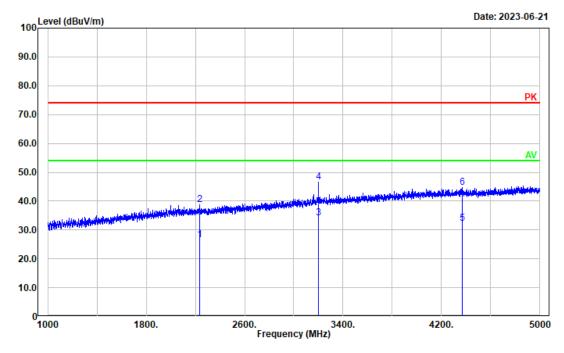
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	2665.133	24.09	4.53	28.62	54.00	25.38	Average
2	2665.133	36.20	4.53	40.73	74.00	33.27	Peak
3	3493.299	23.05	7.58	30.63	54.00	23.37	Average
4	3493.299	35.10	7.58	42.68	74.00	31.32	Peak
5	4175.835	26.15	9.57	35.72	54.00	18.28	Average
6	4175.835	38.31	9.57	47.88	74.00	26.12	Peak

Test Mode: *M2* (*RX* 400.0125*MHz*)

Test Mode: Charging& Receiving Polarization: horizontal



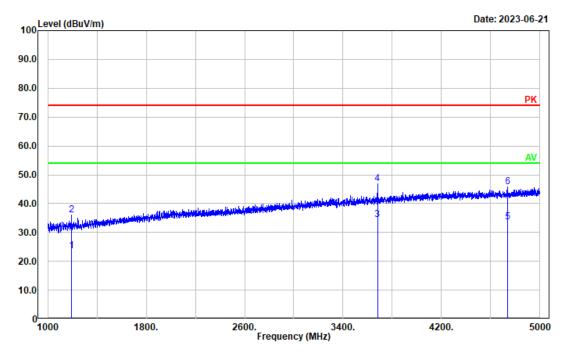
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3200.440	27.48	6.76	34.24	54.00	19.76	Average
2	3200.440	39.95	6.76	46.71	74.00	27.29	Peak
3	4372.674	24.20	9.82	34.02	54.00	19.98	Average
4	4372.674	36.40	9.82	46.22	74.00	27.78	Peak
5	4887.978	23.10	11.10	34.20	54.00	19.80	Average
6	4887.978	35.20	11.10	46.30	74.00	27.70	Peak



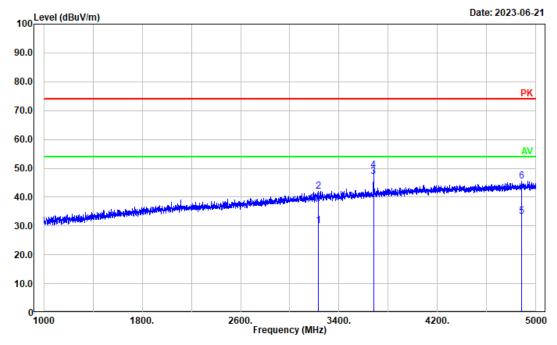
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2232.246	23.42	3.01	26.43	54.00	27.57	Average
2	2232.246	35.83	3.01	38.84	74.00	35.16	Peak
3	3200.440	27.49	6.76	34.25	54.00	19.75	Average
4	3200.440	39.97	6.76	46.73	74.00	27.27	Peak
5	4366.273	22.44	9.82	32.26	54.00	21.74	Average
6	4366.273	34.87	9.82	44.69	74.00	29.31	Peak

Test Mode: *M2 (RX 460MHz)*

Test Mode: Charging& Receiving Polarization: horizontal



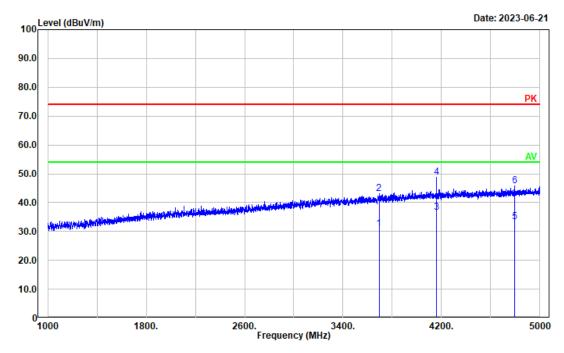
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1192.038	25.38	-1.74	23.64	54.00	30.36	Average
2	1192.038	37.75	-1.74	36.01	74.00	37.99	Peak
3	3679.736	26.26	8.24	34.50	54.00	19.50	Average
4	3679.736	38.51	8.24	46.75	74.00	27.25	Peak
5	4734.347	23.03	10.64	33.67	54.00	20.33	Average
6	4734.347	35.05	10.64	45.69	74.00	28.31	Peak



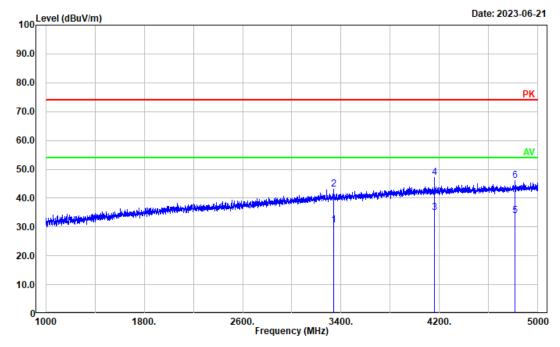
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3229.246	23.13	6.85	29.98	54.00	24.02	Average
2	3229.246	35.27	6.85	42.12	74.00	31.88	Peak
3	3679.736	39.02	8.24	47.26	54.00	6.74	Average
4	3679.736	41.05	8.24	49.29	74.00	24.71	Peak
5	4885.577	22.24	11.08	33.32	54.00	20.68	Average
6	4885.577	34.49	11.08	45.57	74.00	28.43	Peak

Test Mode: *M2* (*RX* 519.9875*MHz*)

Test Mode: Charging& Receiving Polarization: horizontal



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3692.539	22.44	8.32	30.76	54.00	23.24	Average
2	3692.539	34.87	8.32	43.19	74.00	30.81	Peak
3	4159.832	27.18	9.51	36.69	54.00	17.31	Average
4	4159.832	39.35	9.51	48.86	74.00	25.14	Peak
5	4792.759	22.41	10.88	33.29	54.00	20.71	Average
6	4792.759	34.83	10.88	45.71	74.00	28.29	Peak



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3342.068	23.46	7.11	30.57	54.00	23.43	Average
2	3342.068	35.91	7.11	43.02	74.00	30.98	Peak
3	4159.832	25.39	9.51	34.90	54.00	19.10	Average
4	4159.832	37.77	9.51	47.28	74.00	26.72	Peak
5	4815.963	23.07	10.93	34.00	54.00	20.00	Average
6	4815.963	35.13	10.93	46.06	74.00	27.94	Peak

4.3 Antenna Power Conduction Limits for Receivers

Serial Number:	26TE-1	Test Date:	2023/06/16-2023/06/30
Test Site:	RF	Test Mode:	M1&M2
Tester:	Morpheus Shi	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	26.1-26.5	Relative Humidity: (%)	57-61	ATM Pressure: (kPa)	99.9

Test Equipment List and Details:

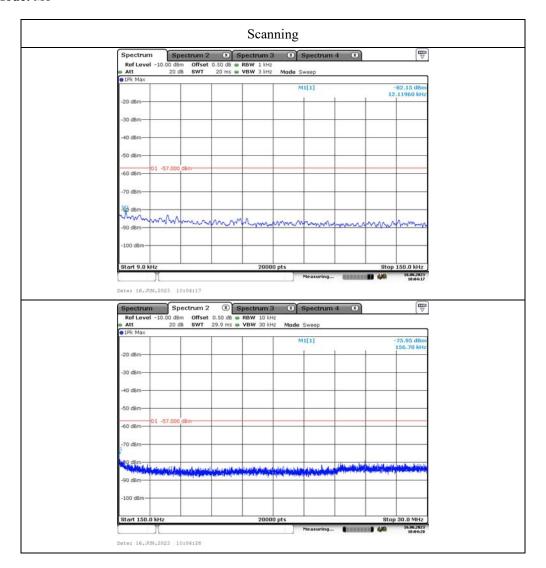
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/07/15	2023/07/14
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

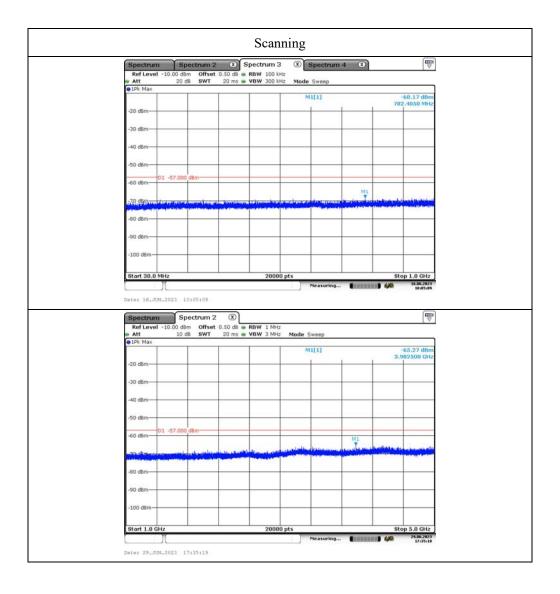
^{*} Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

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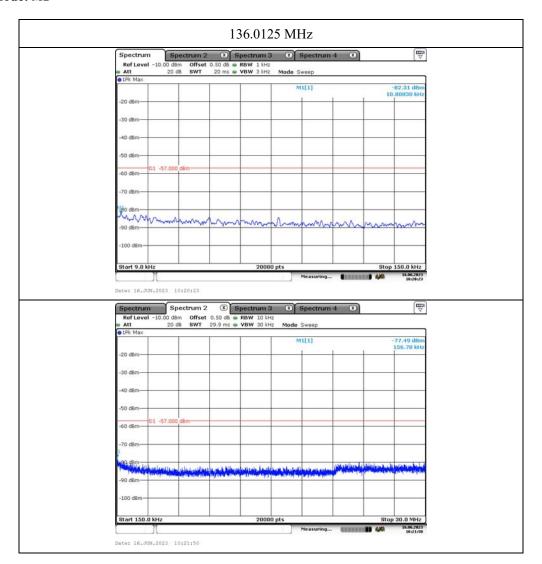
Report No.: CR230633408-00A

Test Mode: M1

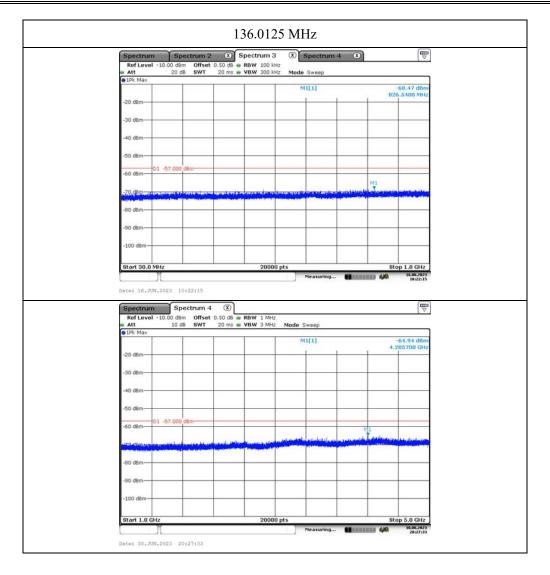


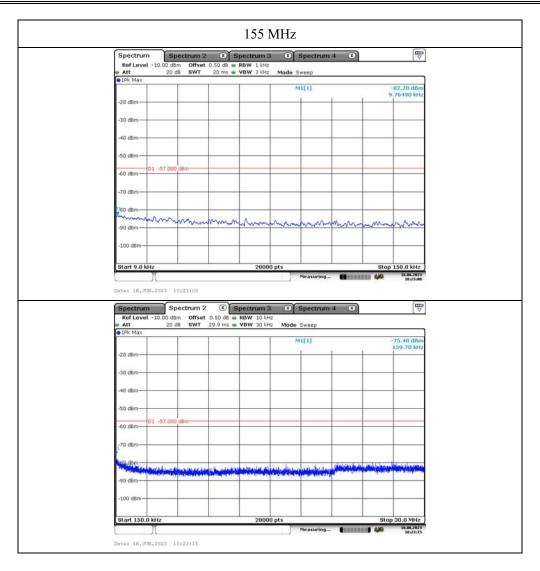


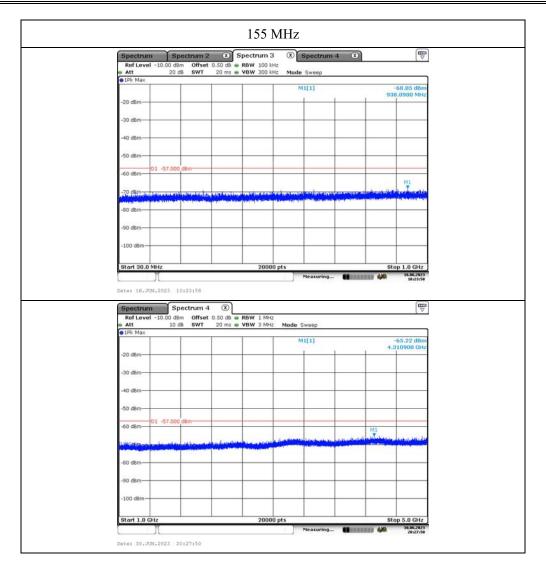
Test Mode: M2

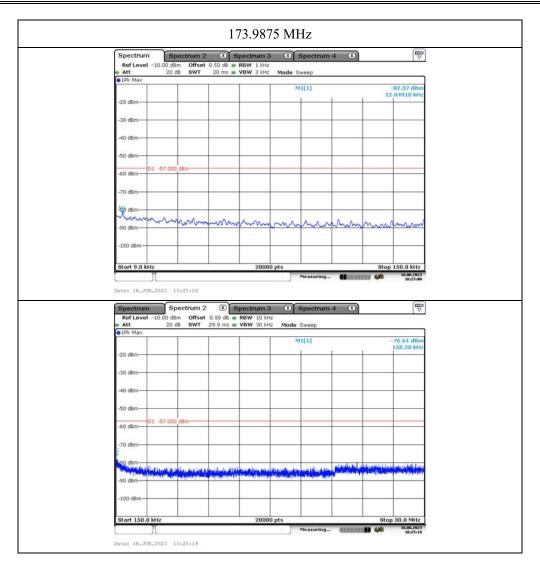




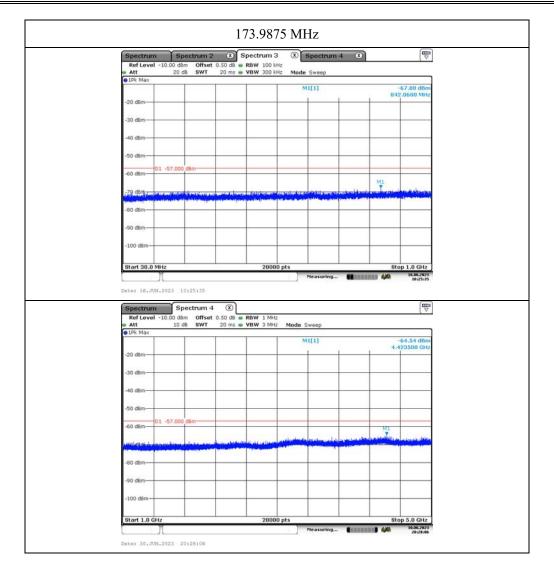


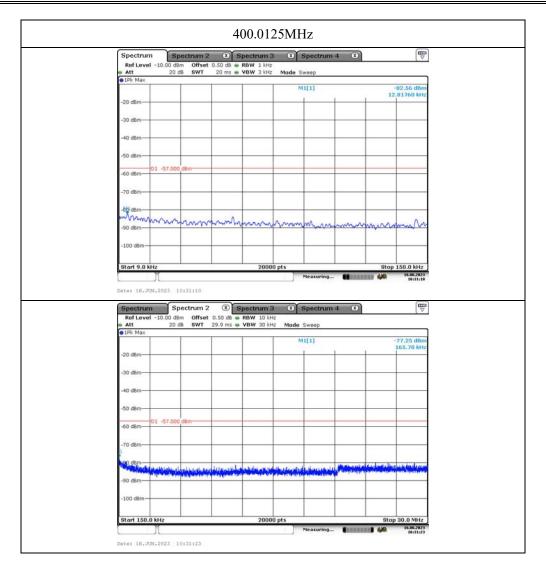


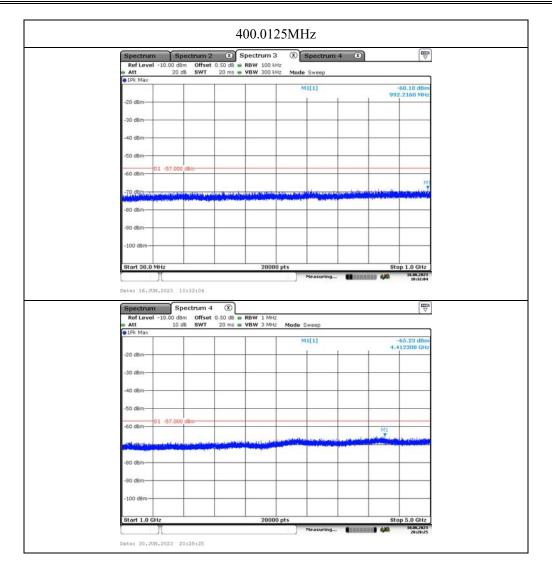


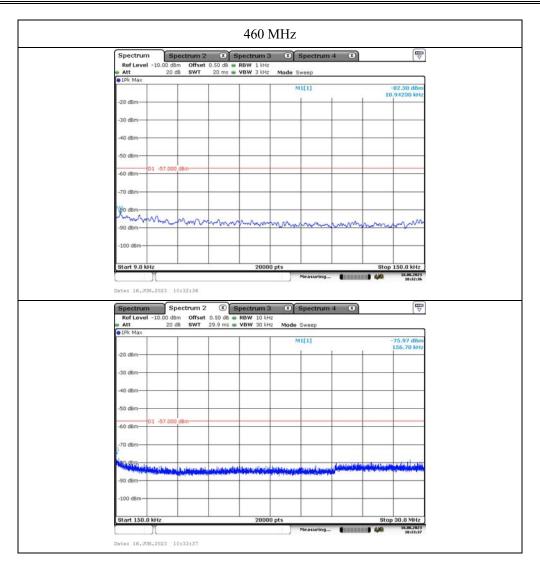


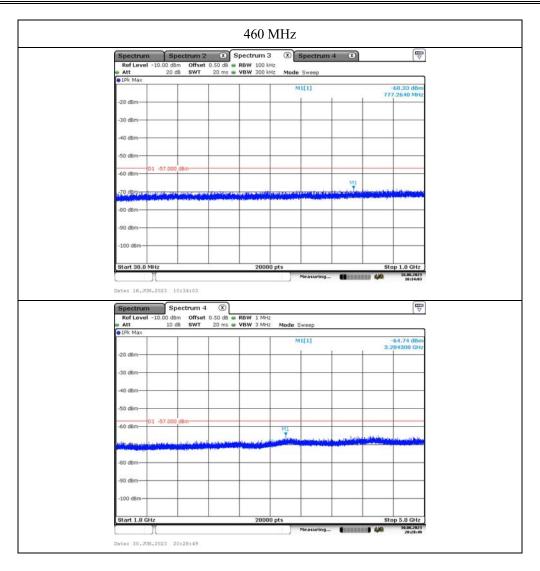


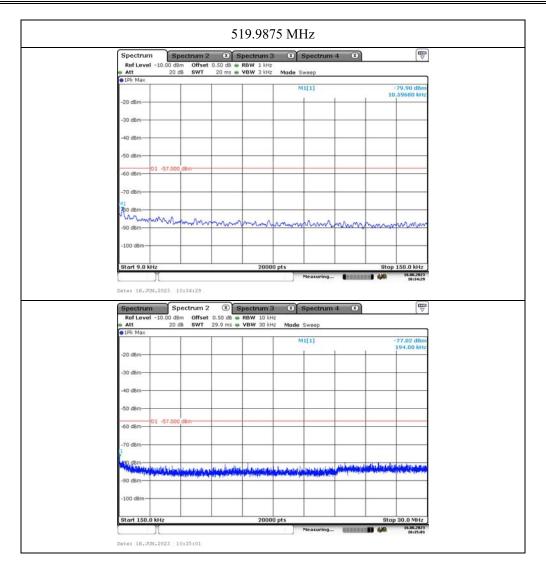


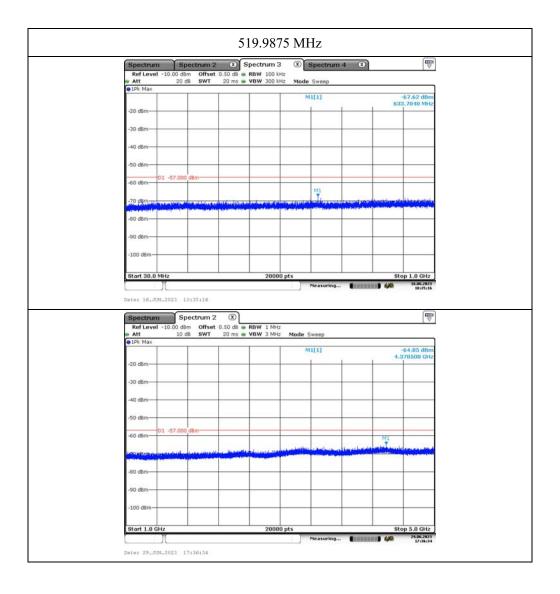












4.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

Serial Number:	26TE-1	Test Date:	2023/06/16-2023/06/30
Test Site:	RF	Test Mode:	Scanning
Tester:	Morpheus Shi	Test Result:	Pass

Environmental C	Conditions:				
Temperature: (°C)	26.1-26.5	Relative Humidity: (%)	57-61	ATM Pressure: (kPa)	99.9

Test Equipment List and Details:

Test Equipment	List and Details:				
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/07/15	2023/07/14
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
НР	RF Communications Test Set	8920A	3438A05209	2023/3/31	2024/3/30
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30

^{*} Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Scanning Frequency Range	Test Frequency	Measurement Result (Worst Case)	Limit
MHz	MHz	dB	dB
136-174/400-520	824, 836, 849, 869,881.5, 894	43	>38

Report No.: CR230633408-00A

China Certification ICT Co., Ltd (Dongguan)	Report No.: CR230633408-00
5. EUT PHOTOGRAPHS	
Please refer to the attachment CR230633408-EXP EUT EXTERINP EUT INTERNAL PHOTOGRAPHS	NAL PHOTOGRAPHS and CR230633408-

6. TEST SETUP PHOTOGRAPHS			
	DIVOTO CD I DIVO		
Please refer to the attachment CR230633408-00A -TSP TEST SETUP PHOTOGRAPHS.			
==== END OF REPORT ===			
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