TEST REPORT

Applicant:	Shenzhen Golden Vision Technology Development Co., Ltd
Address of Applicant:	No.6 Bao Fu Road，Bao Lai industrial Park, Shang Mu Gu Villiage，Pinghu Street, Longgang District, Shenzhen City, Guangdong Province, 518000, China
Manufacturer:	Shenzhen Golden Vision Technology Development Co., Ltd
Address of Manufacturer:	No.6 Bao Fu Road，Bao Lai industrial Park, Shang Mu Gu Villiage，Pinghu Street, Longgang District, Shenzhen City, Guangdong Province, 518000, China
Factory:	Shenzhen Golden Vision Technology Development Co., Ltd
Address of Factory:	Shenzhen Golden Vision Technology Development Co., Ltd No.6 Bao Fu Road，Bao Lai industrial Park, Shang Mu Gu Villiage，Pinghu Street, Longgang District, Shenzhen City, Guangdong Province, 518000, China

Equipment Under Test (EUT)

Product Name:	Smart camera
Model No.:	B2, S8A, B1, B3, B4, B5, B6, B7, B8, B9, B10, B1C, B2C, B3C, B4C, B5C, B6C, B7C, B8C, B9C, B10C, B11,P6,P8
FCC ID:	2APD7-B2
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Date of sample receipt:	2024-10-25
Date of Test:	2024-11-15 to 2024-11-21
Date of report issued:	2025-01-13
Test Result :	PASS *

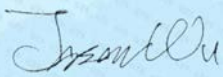
* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

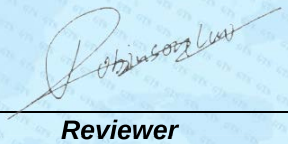
Robinson Luo
Laboratory Manager

2 Version

Version No.	Date	Description
GTSL2024120047F01-2	*2025-01-13*	*Original*

Prepared By:  ***Date:*** *2025-01-13*

Project Engineer

Check By:  ***Date:*** *2025-01-13*

Reviewer

3 Contents

4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	Pass
Conducted Output Power	15.247 (b)(3)	Pass
Channel Bandwidth	15.247 (a)(2)	Pass
Power Spectral Density	15.247 (e)	Pass
Band Edge	15.247(d)	Pass
Spurious Emission	15.205/15.209	Pass

Remarks:

1. *Pass: The EUT complies with the essential requirements in the standard.*
2. *N/A: Not applicable.*
3. *Test according to ANSI C63.10:2013*

Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 7.25\times10^{-8}$
2	Duty cycle	±0.37%
3	Occupied Bandwidth	±3%
4	RF conducted power	±0.75dB
5	RF power density	±3dB
6	Conducted Spurious emissions	±2.58dB
7	AC Power Line Conducted Emission	±3.44dB (0.15MHz ~ 30MHz)
8	Radiated Spurious emission test	±3.1dB (9kHz-30MHz)
		±3.8039dB (30MHz-200MHz)
		±3.9679dB (200MHz-1GHz)
		±4.29dB (1GHz-18GHz)
		±3.30dB (18GHz-40GHz)
9	Temperature test	±1°C
10	Humidity test	±3%
11	Time	±3%

5 General Information

5.1 General Description of EUT

Product Name:	Smart camera
Model No.:	B2
Serial No.:	B2, S8A, B1, B3, B4, B5, B6, B7, B8, B9, B10, B1C, B2C, B3C, B4C, B5C, B6C, B7C, B8C, B9C, B10C, B11,P6,P8
Hardware version:	N/A
Software version:	N/A
Test sample(s) ID:	GTSL2024120047F01
Sample(s) Status:	Engineer sample
Operation Frequency:	906MHz~926MHz
Channel Numbers:	6
Channel Separation:	5MHz
Modulation Type:	GFSK
Antenna Type:	FPC Antenna
Antenna Gain:	0.97dBi
Power Supply:	DC power modules DC5V

Remark:
1. Antenna gain information provided by the customer
2. The relevant information of the sample is provided by the entrusting company, and the laboratory is not responsible for its authenticity.

Operation Frequency each of channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	906MHz	4	918MHz				
2	910MHz	5	922MHz				
3	916MHz	6	926MHz				

Test CH

Channel	Frequency (MHz)
The lowest channel	906MHz
The middle channel	916MHz
The Highest channel	926MHz

5.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode

5.3 Description of Support Units

Manufacturer	Description	Model	Serial Number
Shenzhen Golden Vision Technology Development Co., Ltd	DC power modules	UL050100CU	N/A

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

None.

5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

● **FCC—Registration No.: 381383**

Designation Number: CN5029

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files.

● **ISED—Registration No.: 9079A**

CAB identifier: CN0091

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing

● **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

5.7 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.
Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102
Tel: 0755-27798480
Fax: 0755-27798960

5.8 Additional Instructions

Test Software	Continuous transmitter provide by manufacturer
Power level setup	Default

6 Test Instruments list

Radiated Emission:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	Jun. 22, 2024	Jun. 21, 2027
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	Apr. 11, 2024	Apr. 10, 2025
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Mar. 19, 2023	Mar. 18, 2025
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 17, 2023	Apr. 16, 2025
6	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	Apr. 11, 2024	Apr. 10, 2025
7	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov.12, 2024	Nov.11, 2025
8	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	Apr. 11, 2024	Apr. 10, 2025
9	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 11, 2024	Apr. 10, 2025
10	Horn Antenna (15GH-40GHz)	SCHWARZBECK	01296	GTS691	Mar. 07, 2024	Mar. 06, 2025
11	FSV·Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	Mar. 12, 2024	Mar. 11, 2025
12	Amplifier	/	LNA-1000-30S	GTS650	Apr. 11, 2024	Apr. 10, 2025
13	CDNE M2+M3-16A	HCT	30MHz-300MHz	GTS692	Nov. 07, 2024	Nov. 06, 2025
14	Wideband Amplifier	/	WDA-01004000-15P35	GTS602	Apr. 11, 2024	Apr. 10, 2025
15	Thermo meter	JINCHUANG	GSP-8A	GTS643	Apr. 18, 2024	Apr. 17, 2025
16	RE cable 1	GTS	N/A	GTS675	Jul. 02, 2024	Jul. 01, 2025
17	RE cable 2	GTS	N/A	GTS676	Jul. 02, 2024	Jul. 01, 2025
18	RE cable 3	GTS	N/A	GTS677	Jul. 02, 2024	Jul. 01, 2025
19	RE cable 4	GTS	N/A	GTS678	Jul. 02, 2024	Jul. 01, 2025
20	RE cable 5	GTS	N/A	GTS679	Jul. 02, 2024	Jul. 01, 2025
21	RE cable 6	GTS	N/A	GTS680	Jul. 02, 2024	Jul. 01, 2025
22	RE cable 7	GTS	N/A	GTS681	Jul. 05, 2024	Jul. 04, 2025
23	RE cable 8	GTS	N/A	GTS682	Jul. 05, 2024	Jul. 04, 2025
24	EMI Test Software	AUDIX	E3-6.100614a	GTS725	N/A	N/A

Conducted Emission						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	Jul. 12, 2022	Jul. 11, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 11, 2024	Apr. 10, 2025
3	LISN	ROHDE & SCHWARZ	ENV216	GTS226	Apr. 11, 2024	Apr. 10, 2025
4	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
5	Thermo meter	JINCHUANG	GSP-8A	GTS642	Apr. 18, 2024	Apr. 17, 2025
6	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	Apr. 11, 2024	Apr. 10, 2025
7	ISN	SCHWARZBECK	NTFM 8158	GTS565	Apr. 11, 2024	Apr. 10, 2025
8	High voltage probe	SCHWARZBECK	TK9420	GTS537	Apr. 11, 2024	Apr. 10, 2025
9	Antenna end assembly	Weinschel	1870A	GTS560	Apr. 11, 2024	Apr. 10, 2025
10	EMI Test Software	AUDIX	E3-6.100622	GTS726	N/A	N/A

RF Conducted Test:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	Apr. 13, 2024	Apr. 12, 2025
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 13, 2024	Apr. 12, 2025
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	Apr. 13, 2024	Apr. 12, 2025
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	Apr. 13, 2024	Apr. 12, 2025
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	Apr. 13, 2024	Apr. 12, 2025
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	Apr. 13, 2024	Apr. 12, 2025
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	Apr. 13, 2024	Apr. 12, 2025
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 13, 2024	Apr. 12, 2025
9	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 18, 2024	Apr. 17, 2025

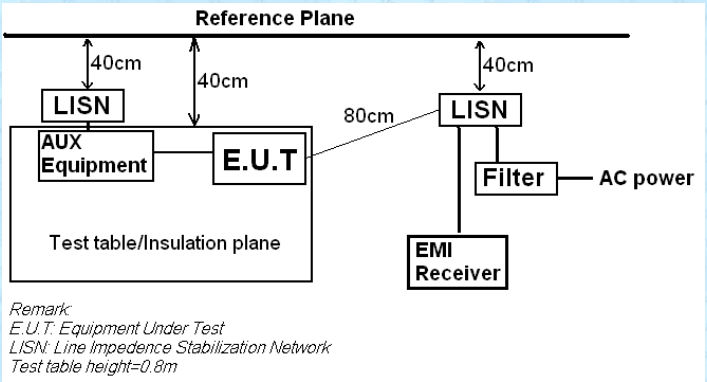
General used equipment:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	Barometer	KUMAO	SF132	GTS647	Apr. 18, 2024	Apr. 17, 2025

7 Test results and Measurement Data

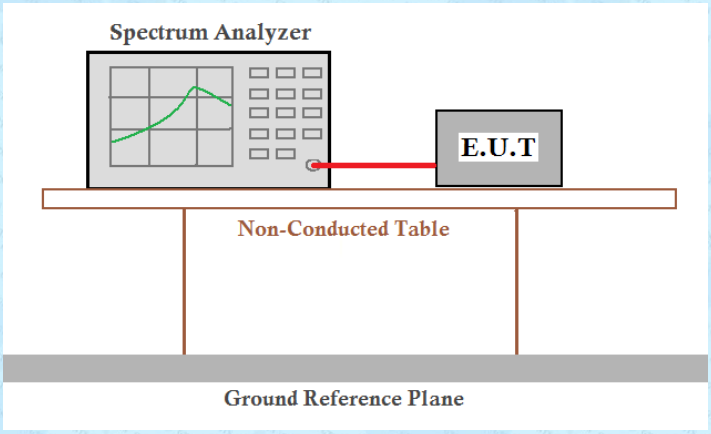
7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203 /247(c)
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. **15.247(c) (1)(i) requirement:** (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.	
E.U.T Antenna:	
The antenna is PCB antenna, reference to the appendix II for details.	

7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207
Test Method:	ANSI C63.10:2013 section 6.2
Test Frequency Range:	150KHz to 30MHz
Class / Severity:	Class B
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto
Limit:	Frequency range (MHz) / Limit (dBuV): Quasi-peak / Average 0.15-0.5: 66 to 56* / 56 to 46* 0.5-5: 56 / 46 5-30: 60 / 50 * Decreases with the logarithm of the frequency.
Test setup:	 *Remark:* *E.U.T: Equipment Under Test* *LISN: Line Impedence Stabilization Network* *Test table height=0.8m*
Test procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test environment:	Temp.: N/A Humid.: N/A Press.: N/A
Test voltage:	N/A
Test results:	N/A

7.3 Conducted Output Power

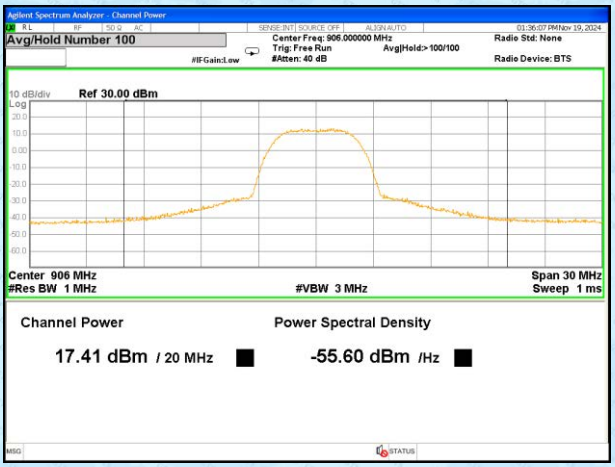
Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	ANSI C63.10:2013 11.9.1.3
Limit:	30dBm
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

Test channel	Peak Output Power (dBm)	Limit(dBm)	Result
Lowest	17.41	30.00	Pass
Middle	17.44		
Highest	17.55		

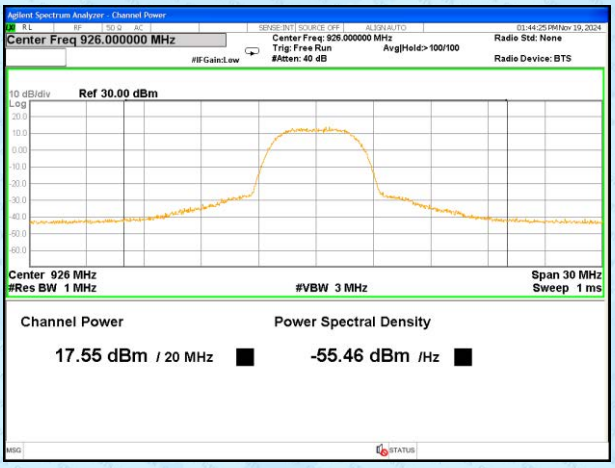
Test plot as follows:

Lowest channel

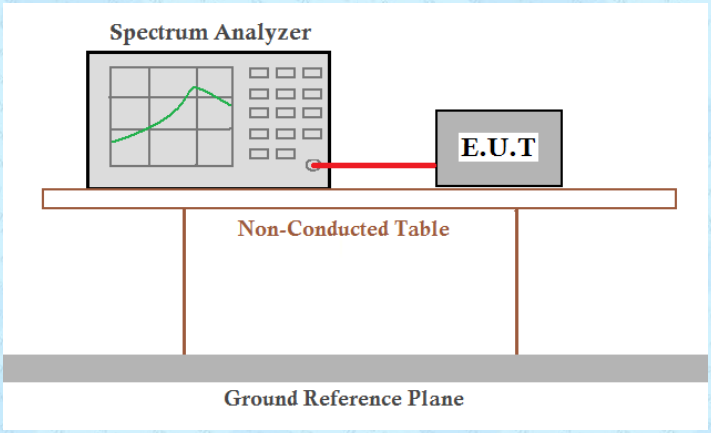


Middle channel

Highest channel



7.4 Channel Bandwidth

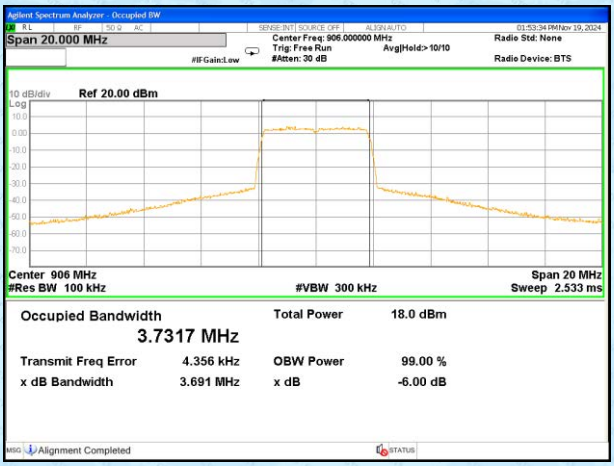
Test Requirement:	FCC Part15 C Section 15.247 (a)(2)
Test Method:	ANSI C63.10:2013 11.8
Limit:	Channel Bandwidth >500KHz
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

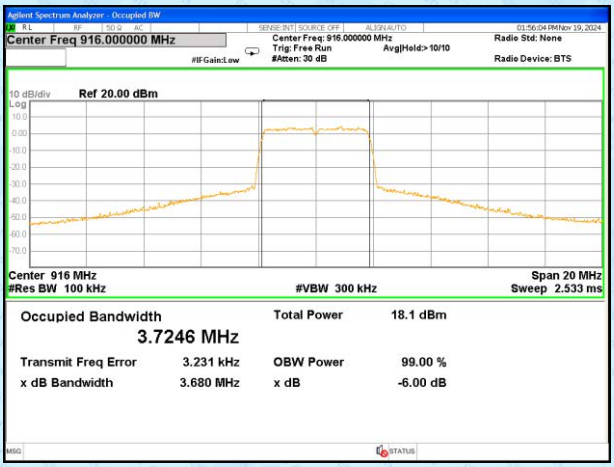
Test channel	Channel Bandwidth (MHz)	Limit(KHz)	Result
Lowest	3.691	>500	Pass
Middle	3.680		
Highest	3.701		

Test plot as follows:

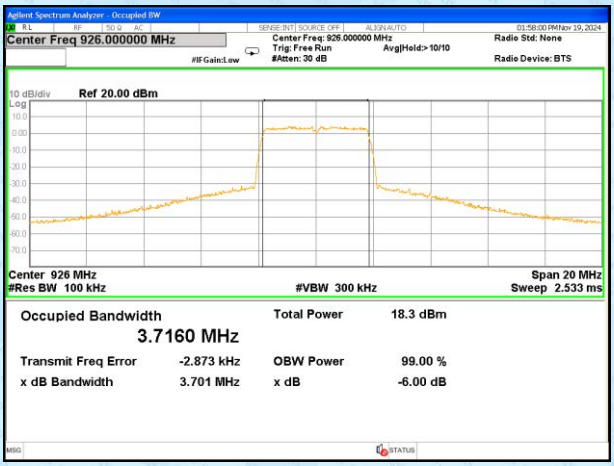
Lowest channel



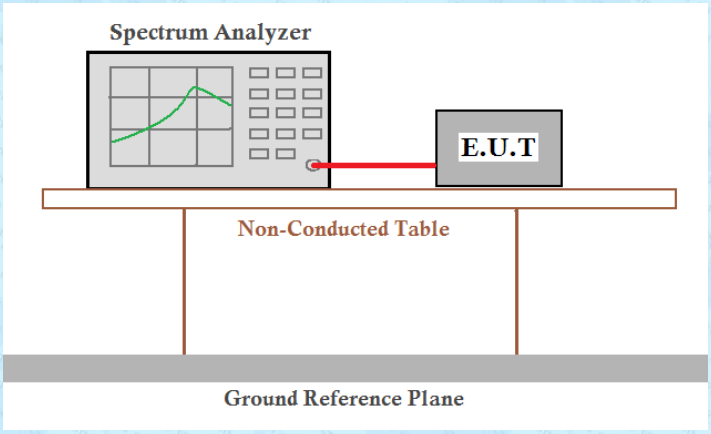
Middle channel



Highest channel



7.5 Power Spectral Density

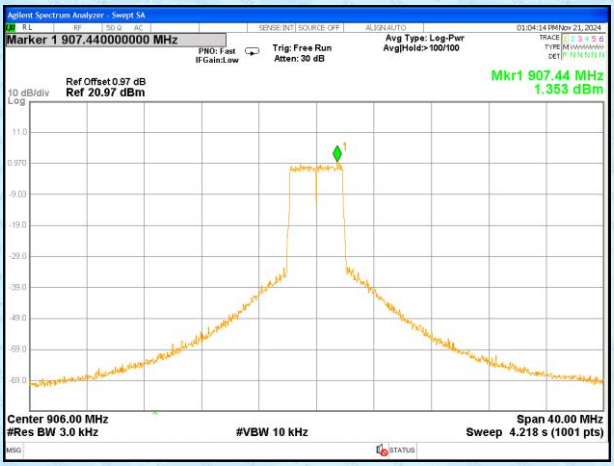
Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	ANSI C63.10:2013 11.0
Limit:	8dBm/3kHz
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

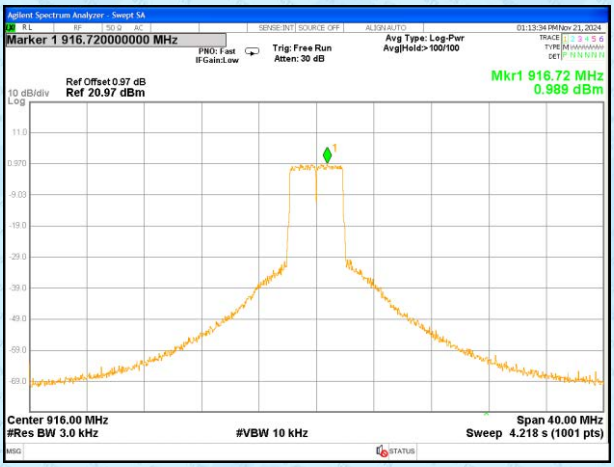
Test channel	Power Spectral Density (dBm/3kHz)	Limit(dBm/3kHz)	Result
Lowest	1.353	8.00	Pass
Middle	0.989		
Highest	1.625		

Test plot as follows:

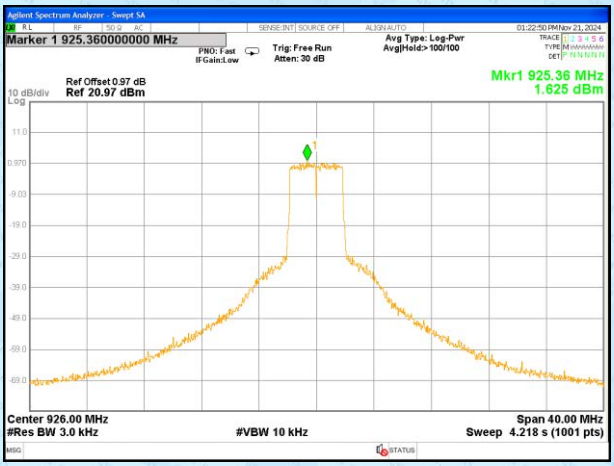
Lowest channel



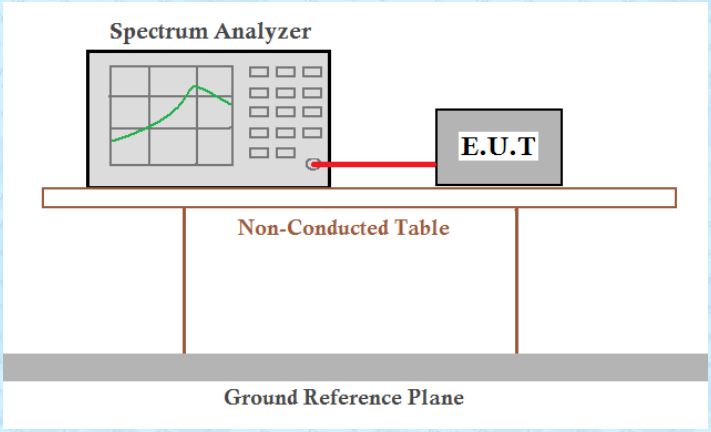
Middle channel



Highest channel



7.6 Band edges

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2013 11.11
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

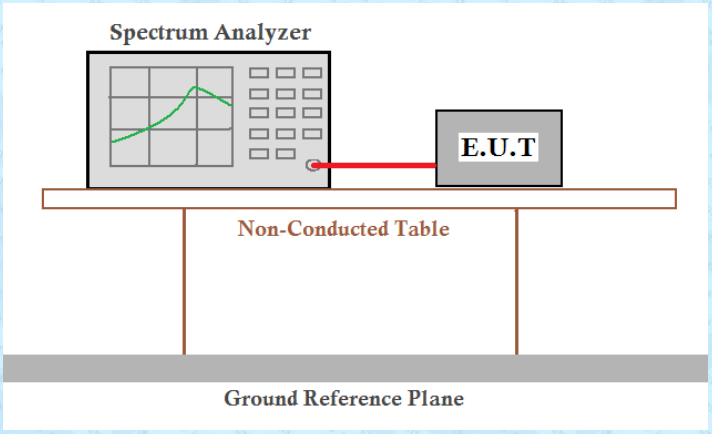
Test plot as follows:

Lowest channel

Highest channel

7.7 Spurious Emission

7.7.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2013 11.11
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Test plot as follows:

Lowest channel

30MHz~25GHz

Middle channel

30MHz~25GHz

Highest channel

30MHz~25GHz

7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209
Test Method:	ANSI C63.10:2013 6.6.4
Test Frequency Range:	9kHz to 25GHz
Test site:	Measurement Distance: 3m

Receiver setup:

Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

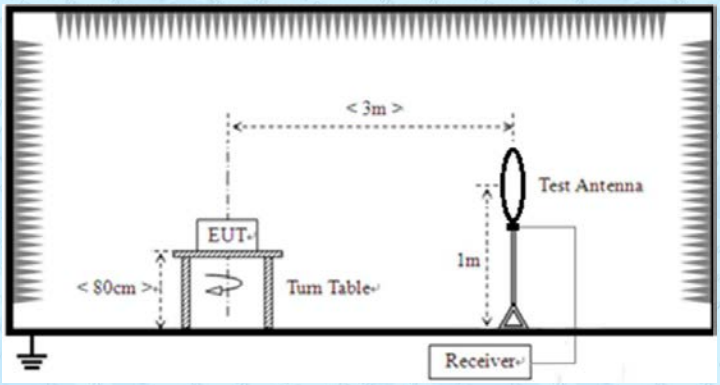
Note: For Duty cycle ⩾ 98%, average detector set as above For Duty cycle < 98%, average detector set as below: VBW ⩾ 1 / T

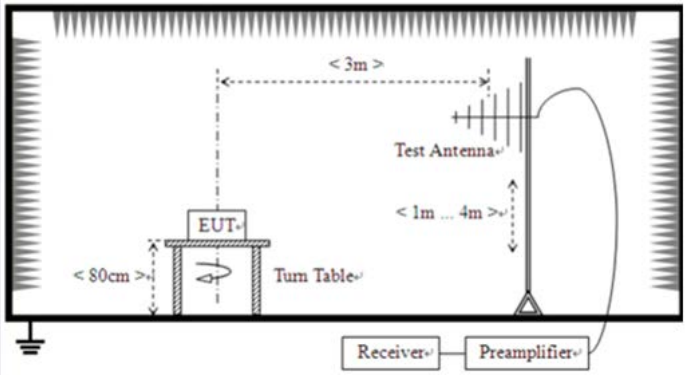
Limit:

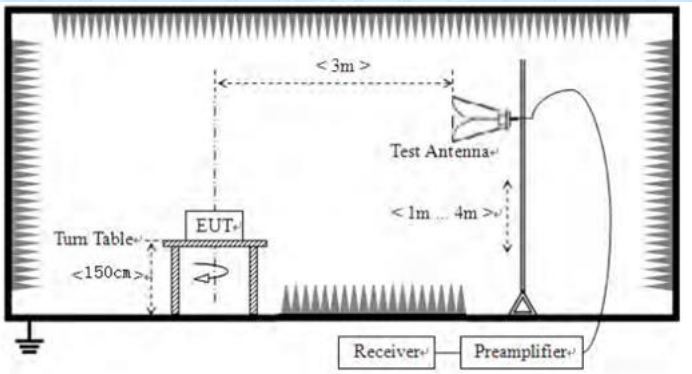
Frequency	Limit (uV/m)	Value	Measurement Distance
0.009MHz-0.490MHz	2400/F(KHz)	PK/QP/AV	300m
0.490MHz-1.705MHz	24000/F(KHz)	QP	30m
1.705MHz-30MHz	30	QP	30m
30MHz-88MHz	100	QP	3m
88MHz-216MHz	150	QP	
216MHz-960MHz	200	QP	
960MHz-1GHz	500	QP	
Above 1GHz	500	Average	
	5000	Peak	

Test setup:

For radiated emissions from 9kHz to 30MHz



<table>
<tr><td></td><td>For radiated emissions from 30MHz to1GHz
 

For radiated emissions above 1GHz
 
</td></tr>
<tr><td>Test Procedure:</td><td>1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</td></tr>
<tr><td>Test Instruments:</td><td>Refer to section 6.0 for details</td></tr>
<tr><td>Test mode:</td><td>Refer to section 5.2 for details</td></tr>
<tr><td>Test environment:</td><td>Temp.: | 24 °C | Humid.: | 52% | Press.: | 1012mbar</td></tr>
</table>

Test voltage:	DC5V
Test results:	Pass

Remark:

Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the X-axis which it is worse case.

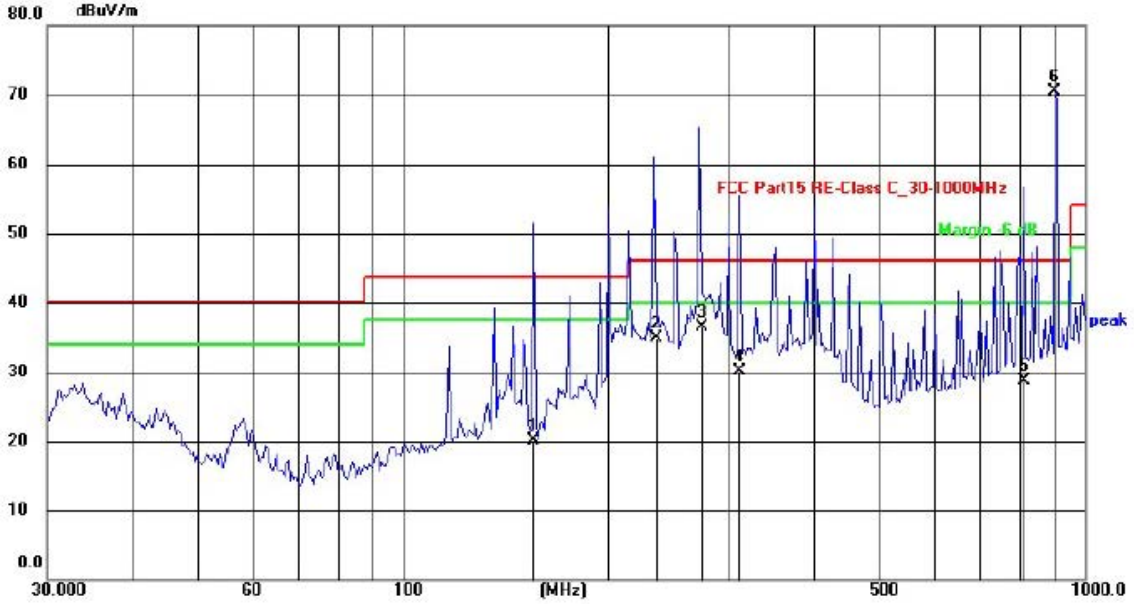
Measurement data:

■ **9 kHz ~ 30 MHz**

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

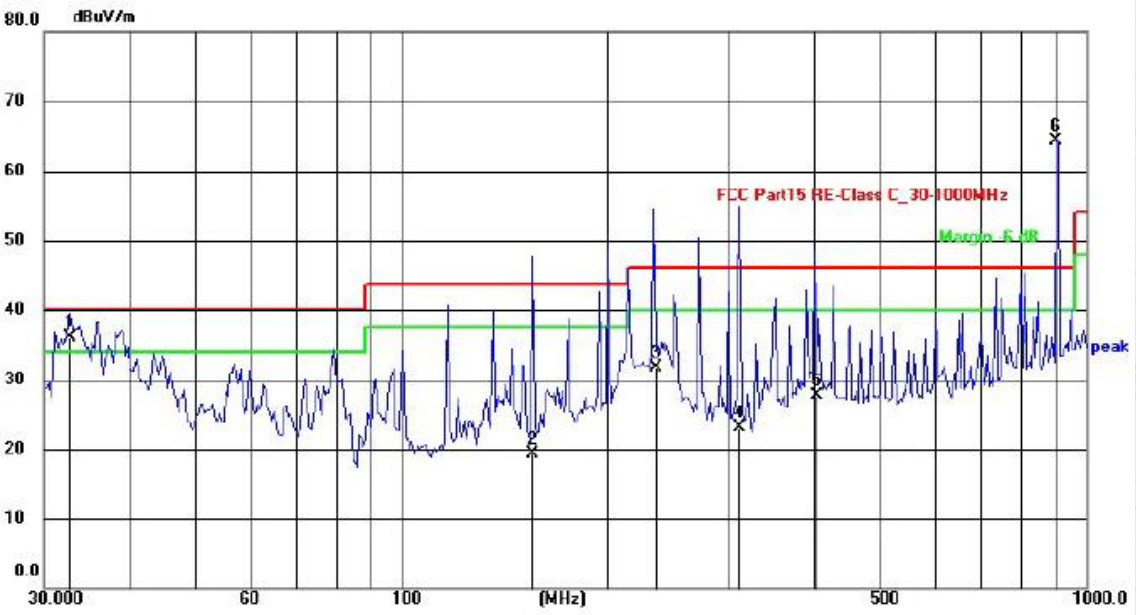
■ **Below 1GHz**

Test channel:	906MHz	Polarization:	Horizontal



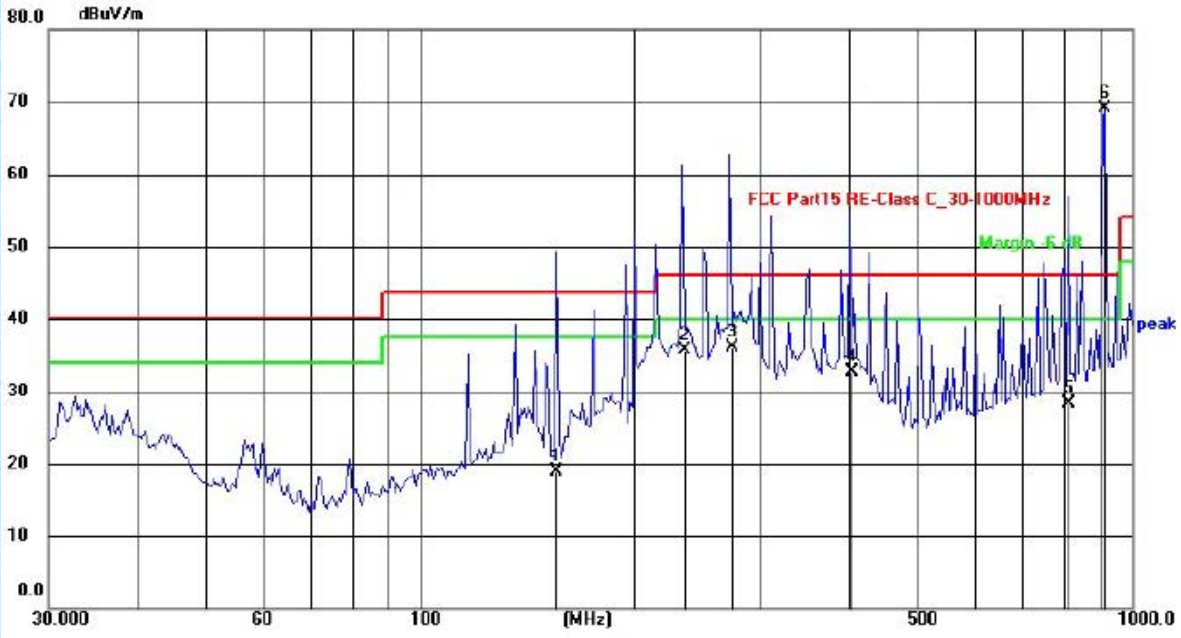
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	155.3305	28.09	-8.02	20.07	43.50	-23.43	QP
2	233.4881	40.72	-5.74	34.98	46.00	-11.02	QP
3	272.5246	42.03	-5.49	36.54	46.00	-9.46	QP
4	311.4519	34.60	-4.46	30.14	46.00	-15.86	QP
5	815.6352	25.60	3.16	28.76	46.00	-17.24	QP
6	906.0000	65.74	4.72	70.46	46.00	24.46	peak

Test channel:	906MHz	Polarization:	Vertical



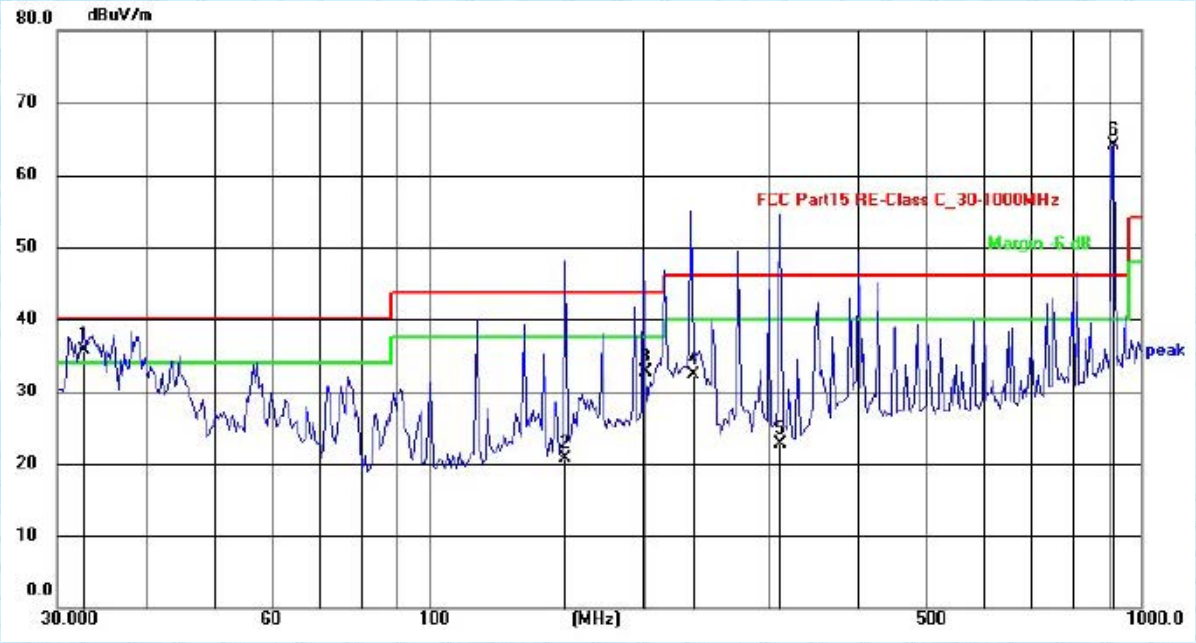
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	32.6395	38.39	-2.36	36.03	40.00	-3.97	QP
2	155.3305	27.37	-8.02	19.35	43.50	-24.15	QP
3	233.4881	36.23	-4.54	31.69	46.00	-14.31	QP
4	311.4519	27.60	-4.46	23.14	46.00	-22.86	QP
5	401.1050	30.60	-2.82	27.78	46.00	-18.22	QP
6	906.0000	59.59	4.71	64.30	46.00	18.30	peak

Test channel:	916MHz	Polarization:	Horizontal



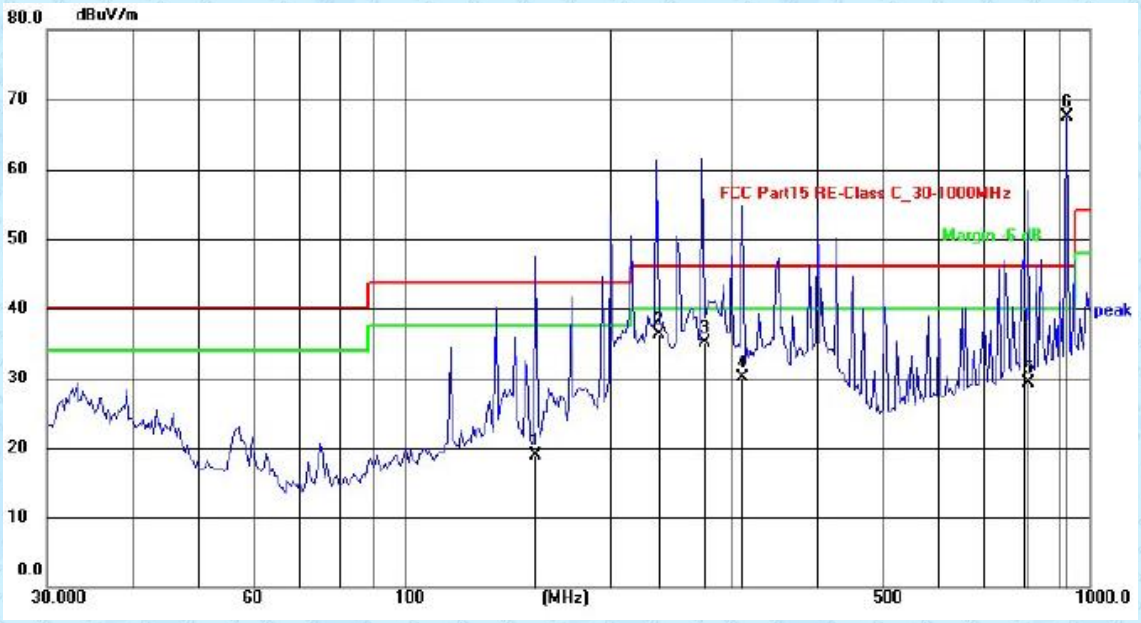
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	155.3305	26.99	-8.02	18.97	43.50	-24.53	QP
2	233.4881	41.42	-5.74	35.68	46.00	-10.32	QP
3	272.5246	41.57	-5.49	36.08	46.00	-9.92	QP
4	401.1050	37.55	-4.77	32.78	46.00	-13.22	QP
5	815.6352	25.05	3.16	28.21	46.00	-17.79	QP
6	916.0000	64.32	4.88	69.20	46.00	23.20	peak

Test channel:	916MHz	Polarization:	Vertical



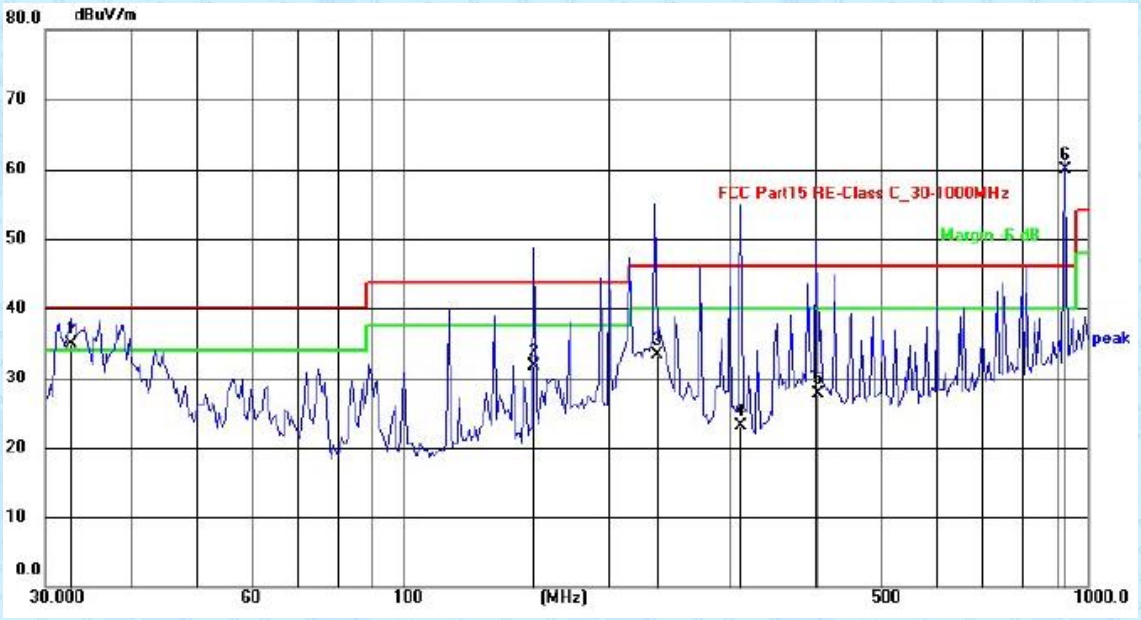
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	32.6395	37.98	-2.36	35.62	40.00	-4.38	QP
2	155.3305	28.64	-8.02	20.62	43.50	-22.88	QP
3	200.0432	35.78	-3.15	32.63	43.50	-10.87	QP
4	233.4881	36.91	-4.54	32.37	46.00	-13.63	QP
5	311.4519	27.23	-4.46	22.77	46.00	-23.23	QP
6	916.0000	59.31	4.85	64.16	46.00	18.16	peak

Test channel:	926MHz	Polarization:	Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	155.3305	27.00	-8.02	18.98	43.50	-24.52	QP
2	233.4881	42.02	-5.74	36.28	46.00	-9.72	QP
3	272.5246	40.63	-5.49	35.14	46.00	-10.86	QP
4	311.4519	34.47	-4.46	30.01	46.00	-15.99	QP
5	815.6352	26.16	3.16	29.32	46.00	-16.68	QP
6	926.0000	62.52	5.03	67.55	46.00	21.55	peak

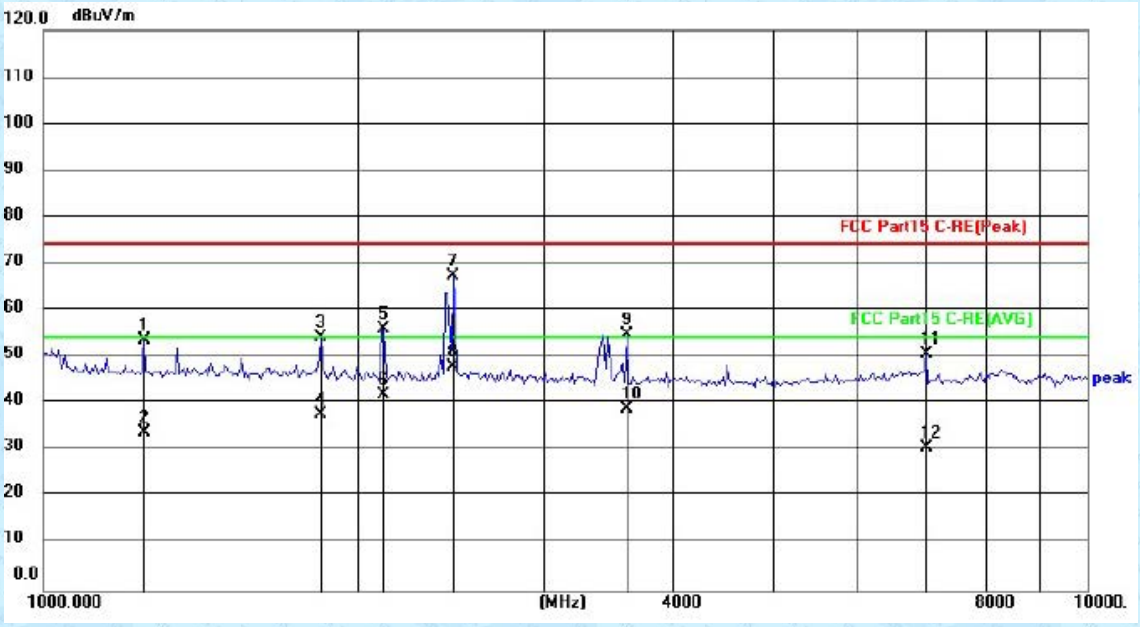
Test channel:	926MHz	Polarization:	Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	32.6395	37.36	-2.36	35.00	40.00	-5.00	QP
2	155.3305	39.75	-8.02	31.73	43.50	-11.77	QP
3	233.4881	37.92	-4.54	33.38	46.00	-12.62	QP
4	311.4519	27.54	-4.46	23.08	46.00	-22.92	QP
5	401.1050	30.60	-2.82	27.78	46.00	-18.22	QP
6	926.0000	54.97	4.98	59.95	46.00	13.95	peak

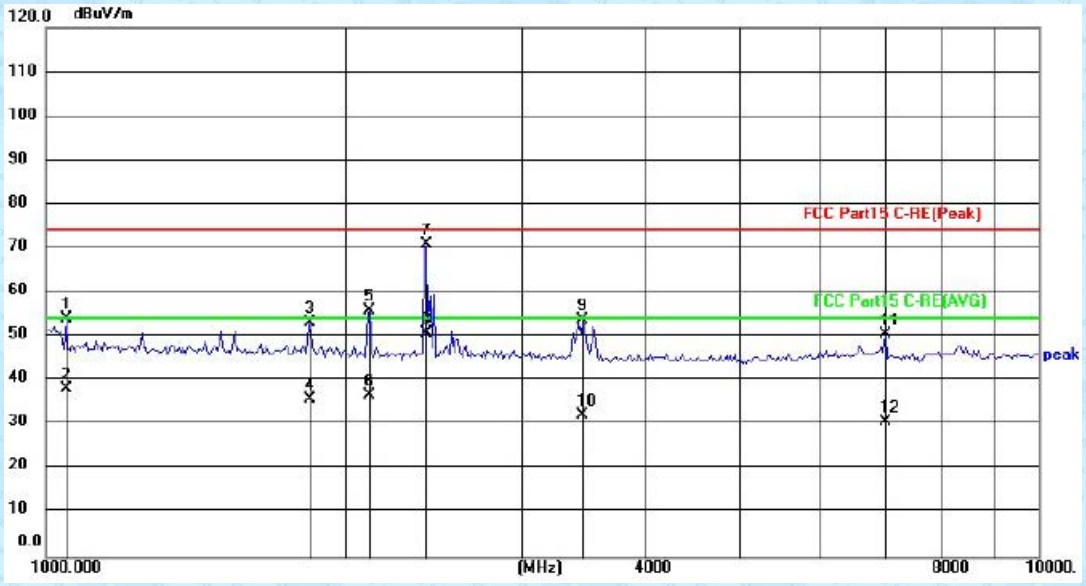
Above 1GHz

Test channel:	Lowest	Polarization:	Horizontal



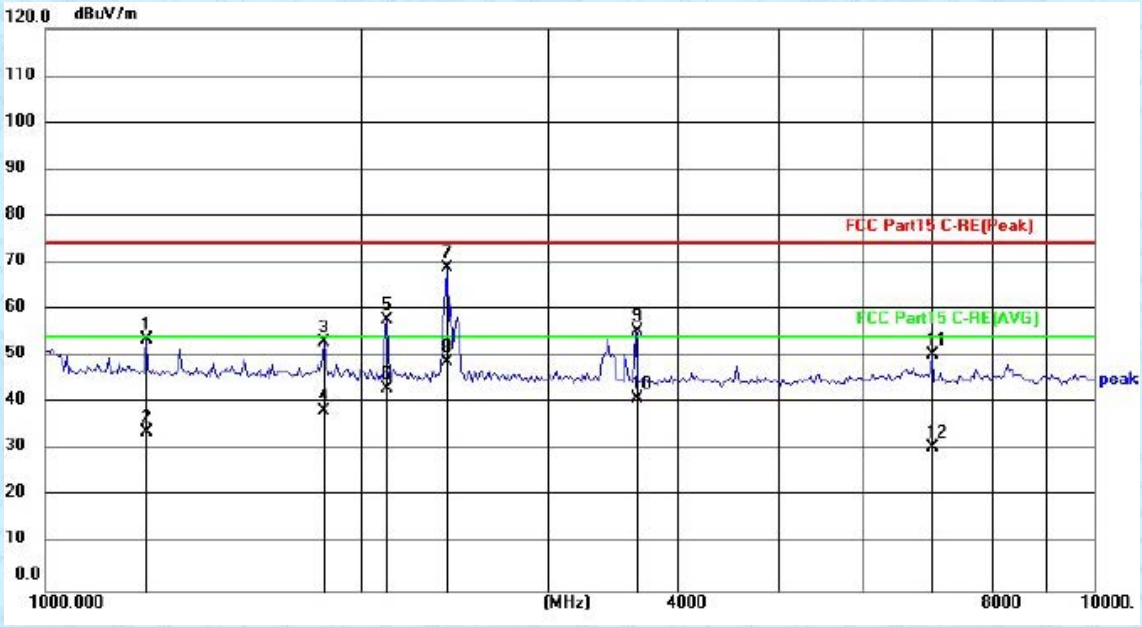
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1247.936	29.32	24.15	53.47	74.00	-20.53	peak
2	1247.936	9.52	24.15	33.67	54.00	-20.33	AVG
3	1847.281	29.06	25.24	54.30	74.00	-19.70	peak
4	1847.281	12.34	25.24	37.58	54.00	-16.42	AVG
5	2121.550	30.19	25.89	56.08	74.00	-17.92	peak
6	2121.550	15.84	25.89	41.73	54.00	-12.27	AVG
7	2470.504	40.79	26.45	67.24	74.00	-6.76	peak
8	2470.504	21.48	26.45	47.93	54.00	-6.07	AVG
9	3623.416	26.44	28.45	54.89	74.00	-19.11	peak
10	3623.416	10.47	28.45	38.92	54.00	-15.08	AVG
11	7009.570	14.66	35.81	50.47	74.00	-23.53	peak
12	7009.570	-5.28	35.81	30.53	54.00	-23.47	AVG

Test channel:	Lowest	Polarization:	Vertical



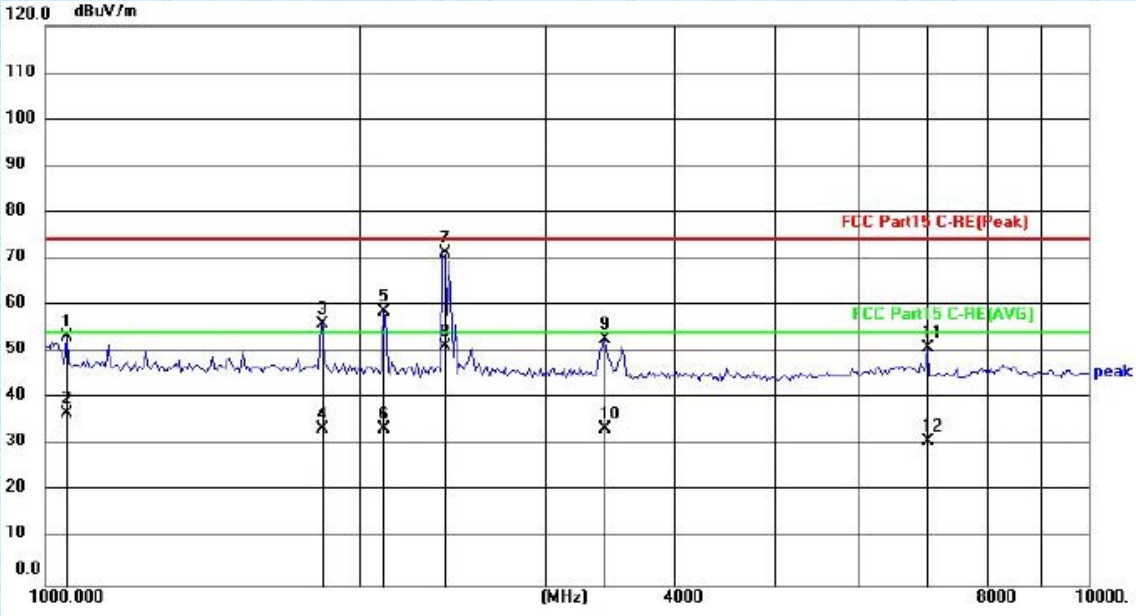
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.225	30.60	23.64	54.24	74.00	-19.76	peak
2	1047.225	14.49	23.64	38.13	54.00	-15.87	AVG
3	1847.281	28.11	25.24	53.35	74.00	-20.65	peak
4	1847.281	10.66	25.24	35.90	54.00	-18.10	AVG
5	2121.550	29.95	25.89	55.84	74.00	-18.16	peak
6	2121.550	11.00	25.89	36.89	54.00	-17.11	AVG
7	2403.043	44.58	26.34	70.92	74.00	-3.08	peak
8	2403.043	24.54	26.34	50.88	54.00	-3.12	AVG
9	3476.019	25.66	28.26	53.92	74.00	-20.08	peak
10	3476.019	4.14	28.26	32.40	54.00	-21.60	AVG
11	7009.570	14.79	35.81	50.60	74.00	-23.40	peak
12	7009.570	-5.03	35.81	30.78	54.00	-23.22	AVG

Test channel:	Middle	Polarization:	Horizontal



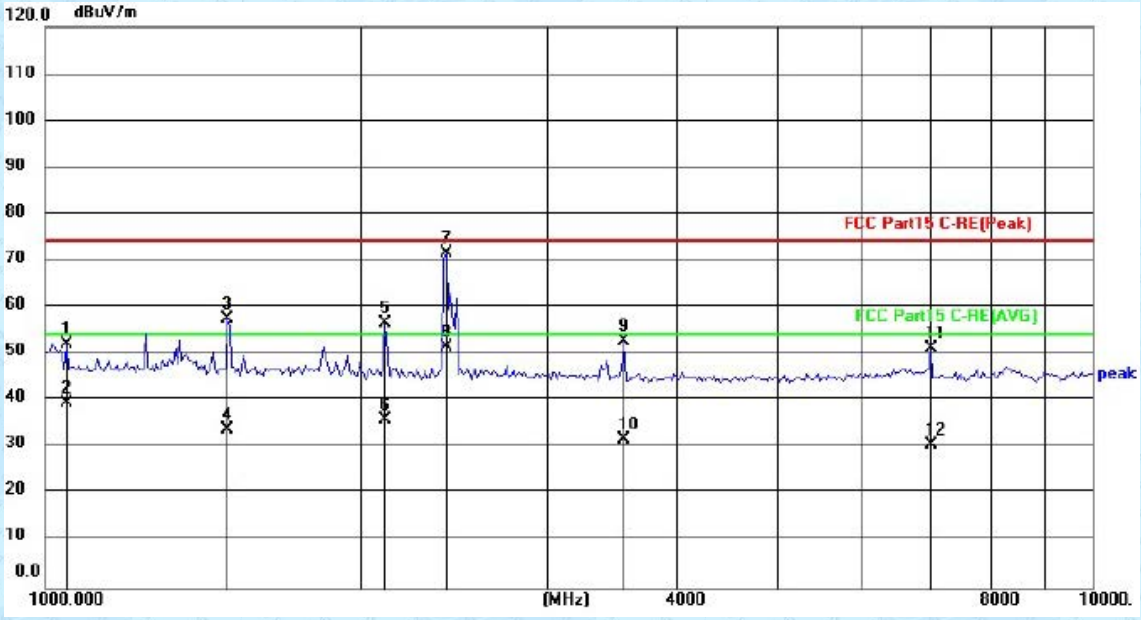
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1247.936	29.52	24.15	53.67	74.00	-20.33	peak
2	1247.936	9.49	24.15	33.64	54.00	-20.36	AVG
3	1847.281	27.84	25.24	53.08	74.00	-20.92	peak
4	1847.281	13.02	25.24	38.26	54.00	-15.74	AVG
5	2121.550	31.90	25.89	57.79	74.00	-16.21	peak
6	2121.550	17.07	25.89	42.96	54.00	-11.04	AVG
7	2414.157	42.52	26.36	68.88	74.00	-5.12	peak
8	2414.157	22.51	26.36	48.87	54.00	-5.13	AVG
9	3657.011	26.75	28.49	55.24	74.00	-18.76	peak
10	3657.011	12.47	28.49	40.96	54.00	-13.04	AVG
11	7009.570	14.59	35.81	50.40	74.00	-23.60	peak
12	7009.570	-5.33	35.81	30.48	54.00	-23.52	AVG

Test channel:	Middle	Polarization:	Vertical



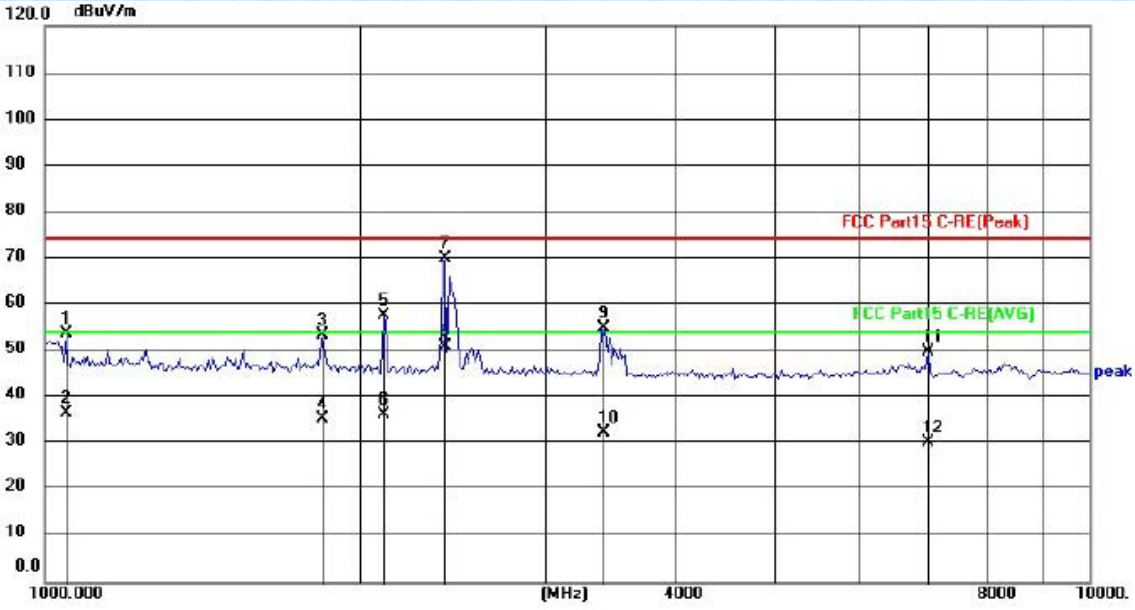
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.225	29.56	23.64	53.20	74.00	-20.80	peak
2	1047.225	13.09	23.64	36.73	54.00	-17.27	AVG
3	1838.777	30.78	25.22	56.00	74.00	-18.00	peak
4	1838.777	8.09	25.22	33.31	54.00	-20.69	AVG
5	2111.783	32.69	25.88	58.57	74.00	-15.43	peak
6	2111.783	7.54	25.88	33.42	54.00	-20.58	AVG
7	2403.043	44.98	26.34	71.32	74.00	-2.68	peak
8	2403.043	24.89	26.34	51.23	54.00	-2.77	AVG
9	3444.087	24.49	28.20	52.69	74.00	-21.31	peak
10	3444.087	5.35	28.20	33.55	54.00	-20.45	AVG
11	7009.570	14.99	35.81	50.80	74.00	-23.20	peak
12	7009.570	-5.14	35.81	30.67	54.00	-23.33	AVG

Test channel:	Highest	Polarization:	Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.225	28.48	23.64	52.12	74.00	-21.88	peak
2	1047.225	15.94	23.64	39.58	54.00	-14.42	AVG
3	1493.993	33.15	24.39	57.54	74.00	-16.46	peak
4	1493.993	9.39	24.39	33.78	54.00	-20.22	AVG
5	2111.783	30.81	25.88	56.69	74.00	-17.31	peak
6	2111.783	9.90	25.88	35.78	54.00	-18.22	AVG
7	2414.157	45.21	26.36	71.57	74.00	-2.43	peak
8	2414.157	25.18	26.36	51.54	54.00	-2.46	AVG
9	3573.602	24.39	28.39	52.78	74.00	-21.22	peak
10	3573.602	3.12	28.39	31.51	54.00	-22.49	AVG
11	7009.570	15.20	35.81	51.01	74.00	-22.99	peak
12	7009.570	-5.25	35.81	30.56	54.00	-23.44	AVG

Test channel:	Highest	Polarization:	Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.225	30.13	23.64	53.77	74.00	-20.23	peak
2	1047.225	12.98	23.64	36.62	54.00	-17.38	AVG
3	1847.281	28.37	25.24	53.61	74.00	-20.39	peak
4	1847.281	10.18	25.24	35.42	54.00	-18.58	AVG
5	2111.783	31.95	25.88	57.83	74.00	-16.17	peak
6	2111.783	10.66	25.88	36.54	54.00	-17.46	AVG
7	2403.043	43.81	26.34	70.15	74.00	-3.85	peak
8	2403.043	24.92	26.34	51.26	54.00	-2.74	AVG
9	3412.449	27.01	28.14	55.15	74.00	-18.85	peak
10	3412.449	4.48	28.14	32.62	54.00	-21.38	AVG
11	7009.570	14.07	35.81	49.88	74.00	-24.12	peak
12	7009.570	-5.23	35.81	30.58	54.00	-23.42	AVG

Remark:

1. *Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

------End------