



**FCC Part15, Subpart B
ICES-003**

TEST REPORT

For

Toy Receiver

MODEL NUMBER: 3718-2YRR

FCC ID: G6D3718-2YRR

REPORT NUMBER: 4789714991.1

ISSUE DATE: November 11, 2020

Prepared for

**NEW BRIGHT INDUSTRIAL CO., LTD
9/F., NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD, KOWLOON BAY,
KOWLOON, HONG KONG.**

Prepared by

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China

Tel: +86 769 22038881

Fax: +86 769 33244054

Website: www.ul.com

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	11/11/2020	Initial Issue	



Summary of Test Results				
Standard	Test Item	Limit	Result	Remark
FCC Part15, Subpart B ANSI C63.4-2014 ICES-003 Issue 7	Conducted Disturbance	Class B	PASS	NOTE (1)
	Radiated Disturbance below 1 GHz	Class B	PASS	
	Radiated Disturbance above 1 GHz	Class B	PASS	NOTE (3)

Note:

(1) "N/A" denotes test is not applicable in this test report.

(2) This test is only applicable for devices which can be charged or powered by AC power cable.

(3) If the highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz. If the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2 GHz. If the highest frequency of the internal sources of the EUT is between 500 MHz and 1 GHz, measurement shall only be made up to 5 GHz. If the highest frequency of the internal sources of the EUT is above 1 GHz, the measurement shall be made up to 5 times the highest frequency or 40 GHz, whichever is less.

(4) This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

(5) The measurement result for the sample received is <Pass> according to < FCC Part15, Subpart B and ICES-003 Issue 7 > when <Accuracy Method> decision rule is applied.



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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: NEW BRIGHT INDUSTRIAL CO., LTD
Address: 9/F., NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD,
KOWLOON BAY, KOWLOON, HONG KONG.

Manufacturer Information

Company Name: NEW BRIGHT INDUSTRIAL CO., LTD
Address: 9/F., NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD,
KOWLOON BAY, KOWLOON, HONG KONG.

EUT Information

EUT Name: Toy Receiver
Model: 3718-2YRR
Brand: New Bright
Sample Received Date: November 06, 2020
Sample Status: Normal
Sample ID: 3451076
Date of Tested: November 06, 2020 ~ November 10, 2020

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC Part15, Subpart B	PASS
ICES-003 Issue 7	PASS

Prepared By:

Andy Xiong
Engineer Project Associate

Checked By:

Shawn Wen
Laboratory Leader

Approved By:

Stephen Guo
Laboratory Manager



2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC Part15 Subpart B & ICES-003 Issue 7 & ANSI C63.4-2014.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	<p>A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>FCC (FCC Recognized No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with Industry Canada. The Company Number is 21320.</p> <p>VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011</p>
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Note: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement Frequency Range	K	U(dB)
Conducted emissions from the AC mains power ports	0.009 MHz ~ 0.15 MHz	2	4.00
Conducted emissions from the AC mains power ports	0.15 MHz ~ 30 MHz	2	3.62
Radiated emissions	30 MHz ~ 1 GHz	2	4.00
Radiated emissions	1 GHz ~ 18 GHz	2	5.78

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.



5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	Toy Receiver			
Model	3718-2YRR			
Rated Input	DC 5 V			
Supply Voltage:	<input type="checkbox"/> AC mains State			
	<input checked="" type="checkbox"/> DC State	<input type="checkbox"/> Internal Power Supply		
		<input type="checkbox"/> External Power Supply or AC/DC adapter	Rate Input:	
			Rate Output:	
		<input checked="" type="checkbox"/> Battery	DC 3.2 V, 320 mAh, 1.02 Wh, 2 pcs	
<input type="checkbox"/> Other				

5.2. TEST MODE

Test Mode	Description
Mode 1	Charging
Mode 2	Running
Mode 3	Receiving



5.3. EUT ACCESSORY

ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	Controller	NEW BRIGHT	GF31TNRR	/

SUPPORT UNITS OR ACCESSORIES FOR SYSTEM TEST

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Specification	Series No.
1	Adapter	SAMSUNG	ETA-U90CBC	Input: 100-240 V ~ 50-60 Hz, 0.5 A Output: 9.0 V $\overline{=}$ 1.67 A or 5.0 V $\overline{=}$ 2.0A	R37J3KJ1KG1SE3

The following cables were used to form a representative test configuration during the tests.

Item	Type of cable	Shielded Type	Ferrite Core	Specification
/	/	/	/	/



6. MEASURING EQUIPMENT AND SOFTWARE USED

Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Dec. 5, 2019	Dec. 5, 2020
Two-Line V-Network	R&S	ENV216	101983	Dec. 5, 2019	Dec. 5, 2020
Software					
Description		Manufacturer	Name	Version	
Test Software for Conducted Emissions		Farad	EZ-EMC	Ver. UL-3A1	
Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Dec. 6, 2019	Dec. 6, 2020
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	Sept. 17, 2018	Sept. 17, 2021
Preamplifier	HP	8447D	2944A09099	Dec. 5, 2019	Dec. 5, 2020
EMI Measurement Receiver	R&S	ESR26	101377	Dec. 05, 2019	Dec. 05, 2020
Horn Antenna	TDK	HRN-0118	130939	Sept. 17, 2018	Sept. 17, 2021
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Dec. 05, 2019	Dec. 05, 2020
High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Dec. 05, 2019	Dec.05, 2020
Software					
Description		Manufacturer	Name	Version	
Test Software for Radiated Emissions		Farad	EZ-EMC	Ver. UL-3A1	

7. EMISSION TEST

7.1. CONDUCTED EMISSIONS MEASUREMENT

LIMITS

CFR 47 FCC Part15 Subpart B ICES-003 Issue 7				
FREQUENCY (MHz)	Class A (dB μ V)		Class B (dB μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46*
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

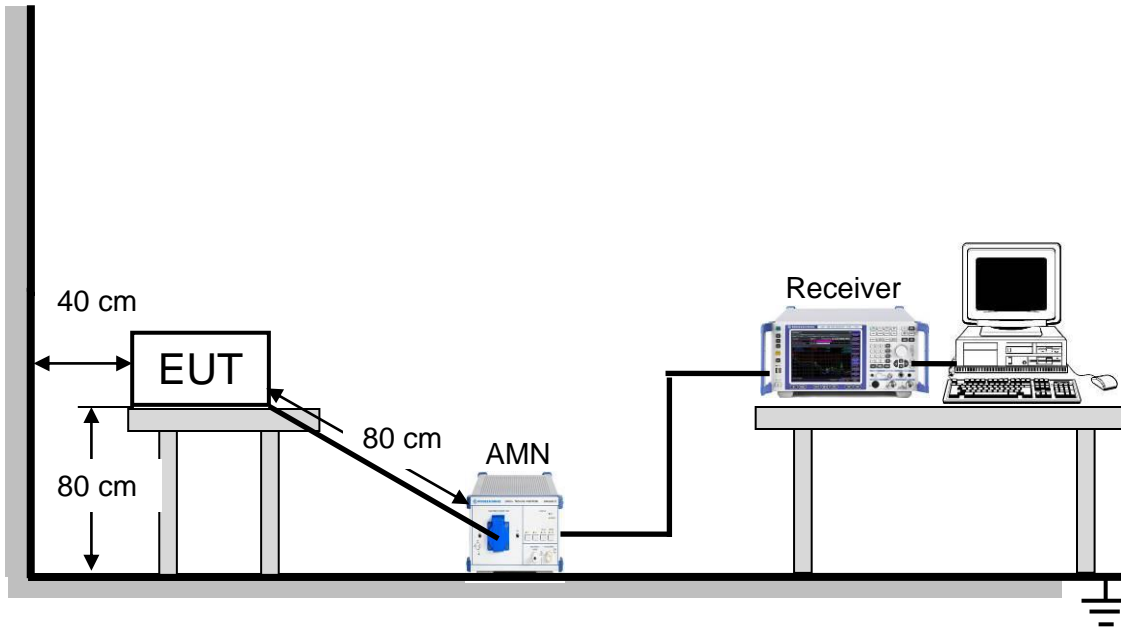
The following table is the setting of the receiver

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

TEST PROCEDURE

1. The testing follows the guidelines in ANSI C63.4-2014.
2. The EUT was placed on the top of a rotating table 0.8 meters above the horizontal ground plane and being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
3. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
4. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
5. Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
6. LISN at least 80 cm from nearest part of EUT chassis.
7. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode.

TEST SETUP



For the actual test configuration, please refer to Appendix I: Photographs of Test Configuration.

TEST ENVIRONMENT

Temperature	25 °C	Relative Humidity	57.6 %
Atmosphere Pressure	101 kPa		

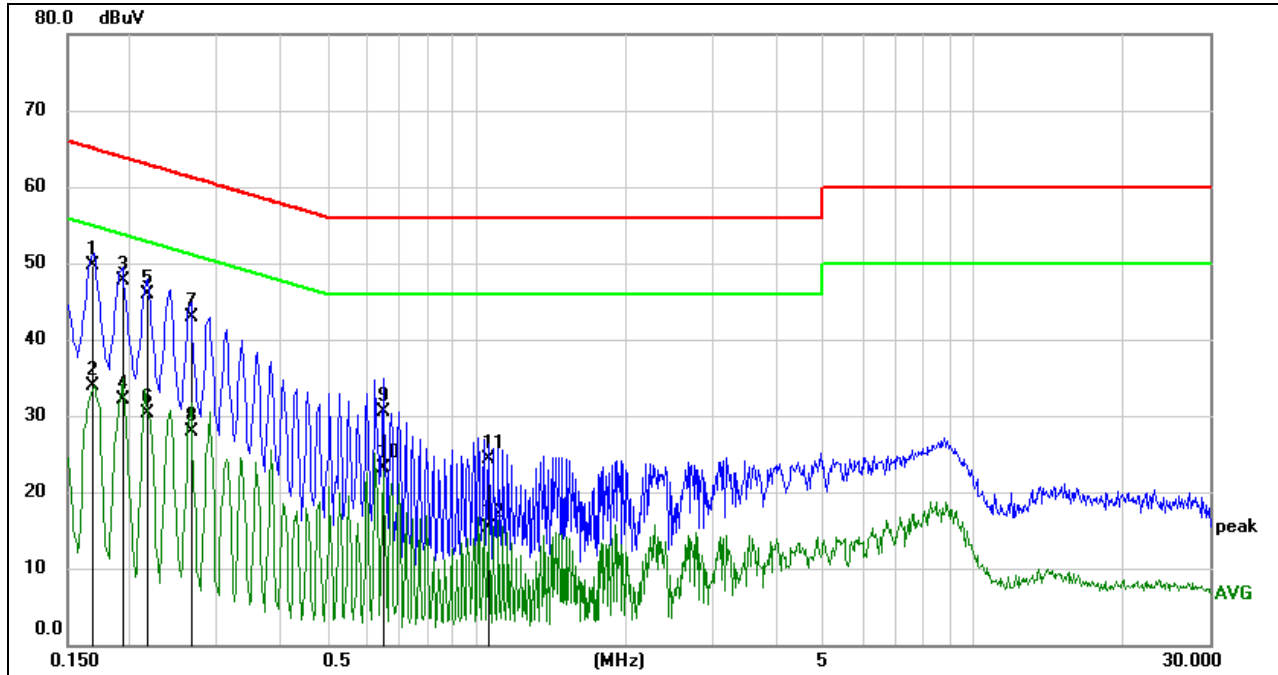
TEST MODE

Pre-test Mode:	Mode 1
Final Test Mode:	Mode 1



TEST RESULTS

Conducted Emissions			
Test Mode:	Mode 1	Phase:	Line
Test Voltage	AC 120 V/60 Hz		

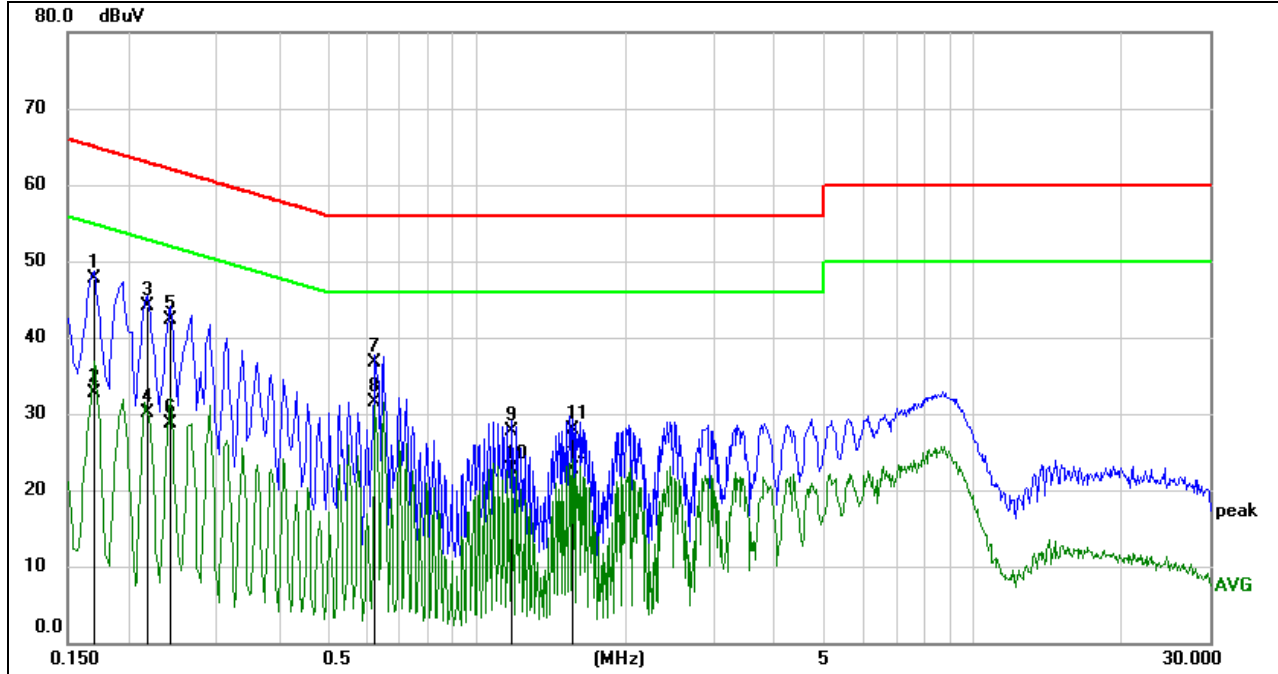


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1684	40.13	9.61	49.74	65.04	-15.30	QP
2	0.1684	24.34	9.61	33.95	55.04	-21.09	AVG
3	0.1929	38.17	9.60	47.77	63.91	-16.14	QP
4	0.1929	22.58	9.60	32.18	53.91	-21.73	AVG
5	0.2167	36.29	9.60	45.89	62.94	-17.05	QP
6	0.2167	20.80	9.60	30.40	52.94	-22.54	AVG
7	0.2649	33.27	9.60	42.87	61.28	-18.41	QP
8	0.2649	18.21	9.60	27.81	51.28	-23.47	AVG
9	0.6503	20.95	9.60	30.55	56.00	-25.45	QP
10	0.6503	13.42	9.60	23.02	46.00	-22.98	AVG
11	1.0599	14.63	9.61	24.24	56.00	-31.76	QP
12	1.0599	5.73	9.61	15.34	46.00	-30.66	AVG

Note: 1. Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
 2. Margin = Result - Limit



Conducted Emissions			
Test Mode:	Mode 1	Phase:	Neutral
Test Voltage	AC 120 V/60 Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1686	38.04	9.60	47.64	65.03	-17.39	QP
2	0.1686	23.02	9.60	32.62	55.03	-22.41	AVG
3	0.2167	34.49	9.60	44.09	62.94	-18.85	QP
4	0.2167	20.55	9.60	30.15	52.94	-22.79	AVG
5	0.2413	32.80	9.60	42.40	62.05	-19.65	QP
6	0.2413	19.07	9.60	28.67	52.05	-23.38	AVG
7	0.6264	27.15	9.60	36.75	56.00	-19.25	QP
8	0.6264	21.85	9.60	31.45	46.00	-14.55	AVG
9	1.1813	18.01	9.61	27.62	56.00	-28.38	QP
10	1.1813	13.07	9.61	22.68	46.00	-23.32	AVG
11	1.5671	18.30	9.62	27.92	56.00	-28.08	QP
12	1.5671	13.18	9.62	22.80	46.00	-23.20	AVG

Note: 1. Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
 2. Margin = Result - Limit



7.2. RADIATED EMISSIONS MEASUREMENT

LIMITS

Below 1 GHz

CFR 47 FCC Part 15 Subpart B		
Frequency (MHz)	Class A	Class B
	Field strength (dBuV/m) (at 3 m)	Field strength (dBuV/m) (at 3 m)
30 - 88	49.5	40
88 - 216	53.9	43.5
216 - 960	56.9	46
Above 960	60	54

ICES-003 Issue 7		
Frequency (MHz)	Class A	Class B
	Field strength (dBuV/m) (at 3 m)	Field strength (dBuV/m) (at 3 m)
30 - 88	50	40
88 - 216	54	43.5
216 - 230	56.9	46
230 - 960	57	47
Above 960	60	54

Note: The different between FCC Part 15 Subpart B limit and ICES-003 Issue 7 limit is only in frequency band 230 MHz to 960 MHz, the limit of FCC Part 15 Subpart B is 1 dB smaller than the limit of ICES-003 Issue 7, if the test result complies with FCC Part 15 Subpart B limit, it deemed to comply with ICES-003 Issue 7 limit.

Above 1 GHz

CFR 47 FCC Part 15 Subpart B ICES-003 Issue 7				
Frequency (MHz)	Class A		Class B	
	(dBuV/m) (at 3 m)		(dBuV/m) (at 3 m)	
	Peak	Average	Peak	Average
Above 1000	80	60	74	54



Test Frequency Range of Radiated Disturbance Measurement

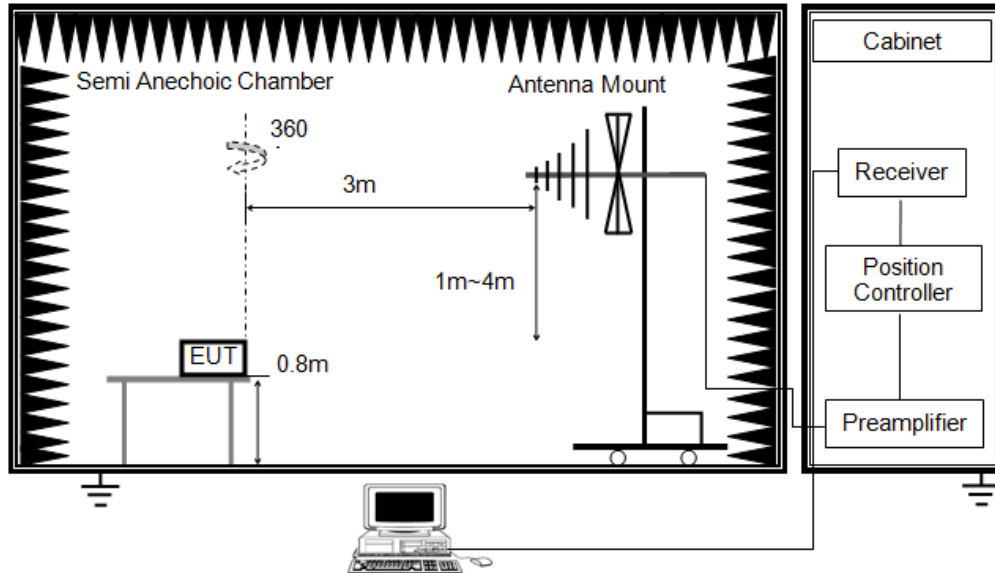
Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

NOTE:

- (1) The limit for radiated test was performed according to FCC Part 15, Subpart B;
- (2) The tighter limit applies at the band edges;
- (3) Emission level (dBuV/m) = 20log Emission level (uV/m),
3m Emission level = 10 m Emission level + 20log(10 m/3 m);

TEST SETUP AND PROCEDURE

Below 1 GHz and above 30 MHz

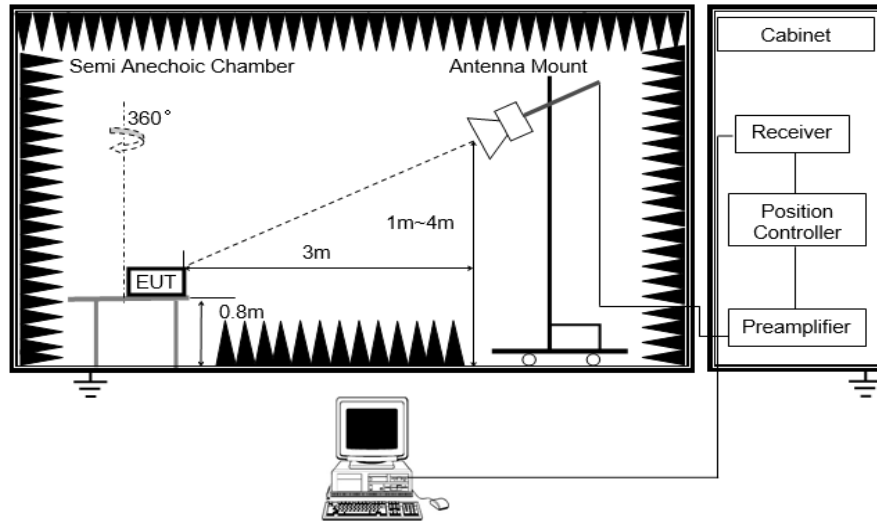


The setting of the spectrum analyser

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak and QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.4-2014.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp was used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
5. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
6. Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
7. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
8. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

Above 1 GHz



The setting of the spectrum analyser

RBW	1 MHz
VBW	3 MHz
Sweep	Auto
Detector	Peak: Peak AVG: RMS
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.4-2014.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
5. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
6. Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
7. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
8. For measurement above 1 GHz, the peak emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the peak limit specified in Section 15.109. If peak result complies with average limit, average result is deemed to comply with average limit.
9. The average emission measurement will be measured by the RMS detector and must comply with the average limit specified in Section 15.109.



TEST ENVIRONMENT

Radiated Emissions - Below 1 GHz		Radiated Emissions - Above 1 GHz	
Temperature:	22.5 °C	Temperature:	23.7 °C
Humidity:	63.7 %	Humidity:	61 %
Atmosphere Pressure	101 kPa	Atmosphere Pressure	101 kPa

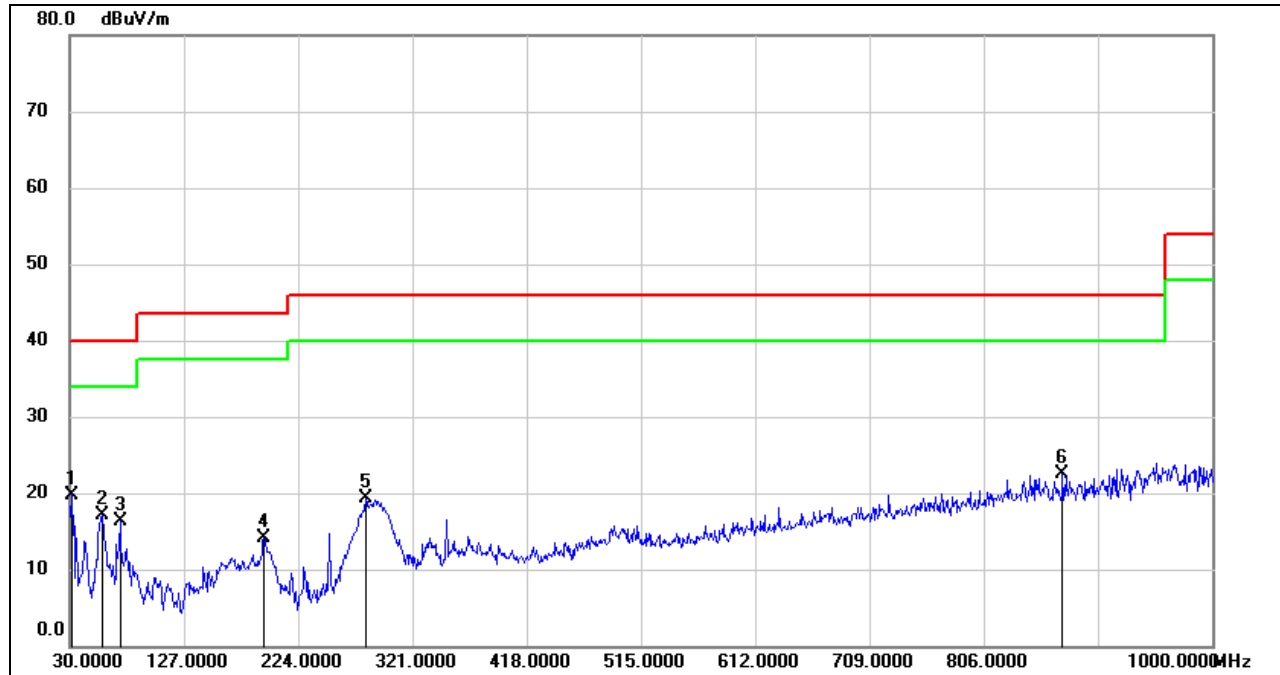
TEST MODE

Radiated Emissions - Below 1 GHz		Radiated Emissions - Above 1 GHz	
Pre-test Mode:	Mode 1 ~ Mode 3	Pre-test Mode:	Mode 1 ~ Mode 3
Final Test Mode:	Mode 1 ~ Mode 3	Final Test Mode:	Mode 2 ~ Mode 3

Note: All test modes had been tested, but only the worst data recorded in the report.

**TEST RESULTS**

Radiated Emissions – Below 1 GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 1	Test Voltage:	AC 120 V/60 Hz



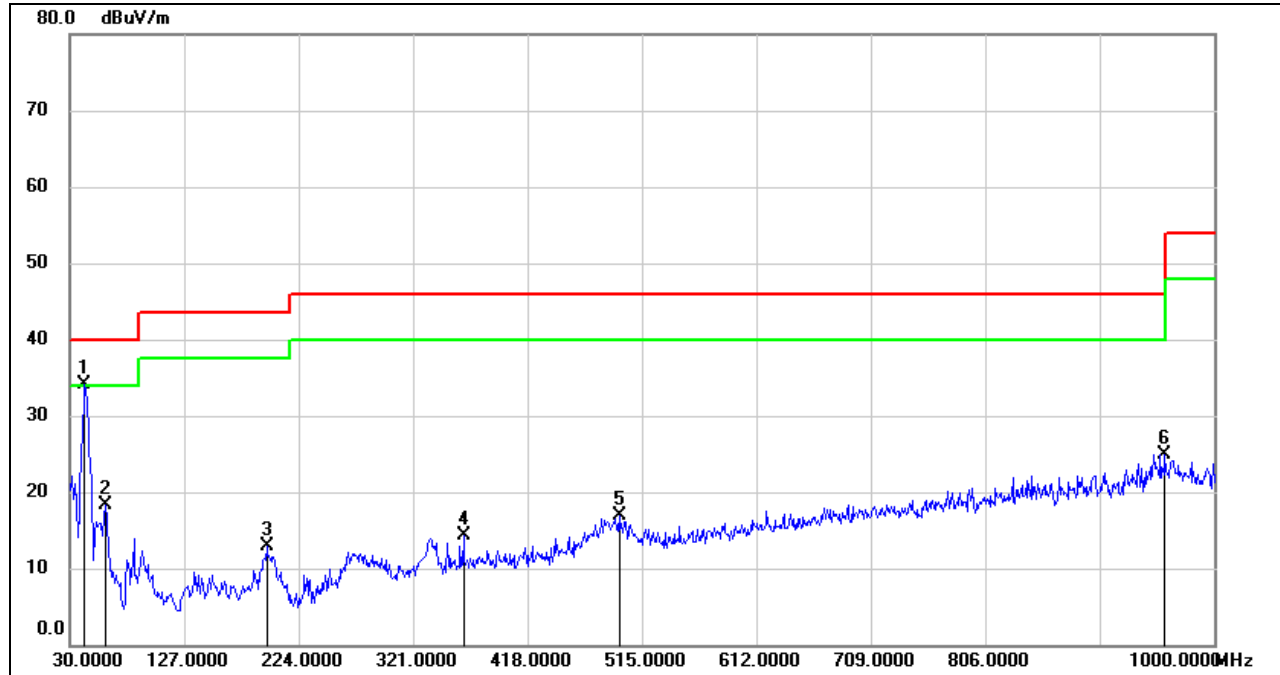
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	36.85	-17.05	19.80	40.00	-20.20	QP
2	57.1600	36.03	-18.90	17.13	40.00	-22.87	QP
3	72.6800	36.33	-20.05	16.28	40.00	-23.72	QP
4	194.9000	30.12	-15.99	14.13	43.50	-29.37	QP
5	281.2300	34.32	-15.08	19.24	46.00	-26.76	QP
6	872.9300	27.14	-4.56	22.58	46.00	-23.42	QP

Note: 1. Reading + Correct (Amplifier Factor + Cable Loss + Antenna Factor)

2. Margin = Result - Limit



Radiated Emissions – Below 1 GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 1	Test Voltage:	AC 120 V/60 Hz



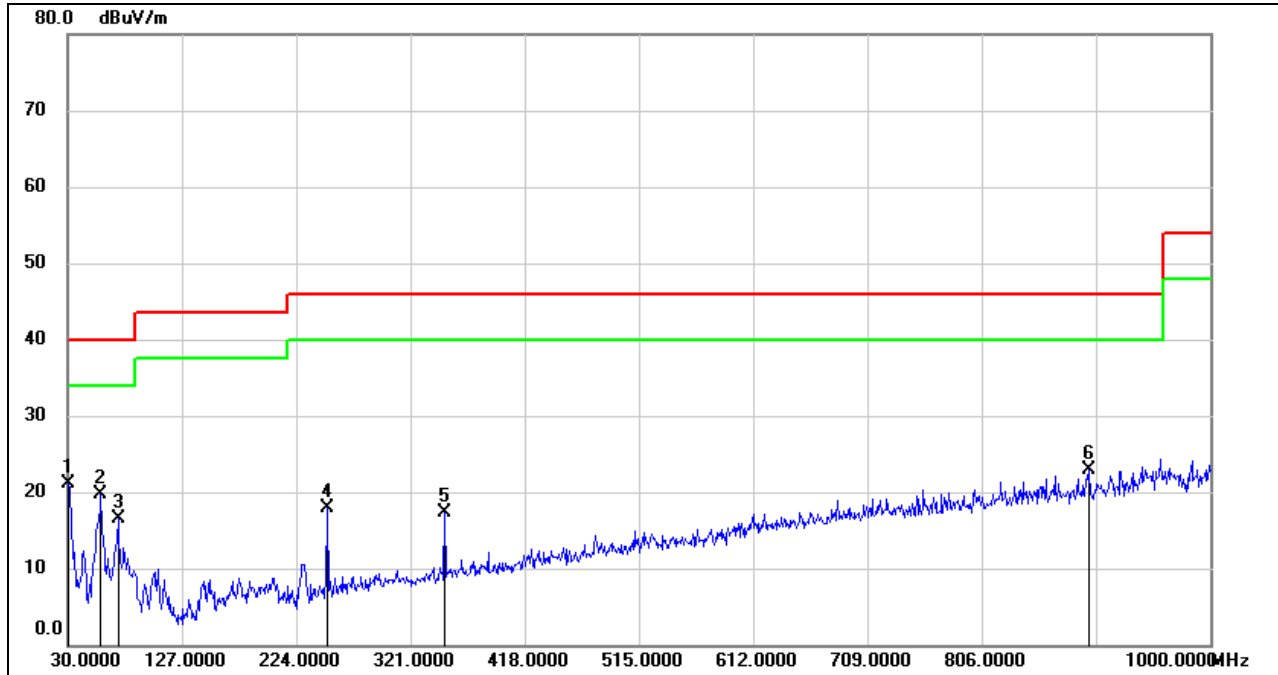
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	42.6100	52.29	-18.10	34.19	40.00	-5.81	QP
2	60.0700	37.85	-19.49	18.36	40.00	-21.64	QP
3	196.8400	28.90	-16.09	12.81	43.50	-30.69	QP
4	363.6800	27.59	-13.31	14.28	46.00	-31.72	QP
5	495.6000	27.77	-10.94	16.83	46.00	-29.17	QP
6	958.2900	28.40	-3.49	24.91	46.00	-21.09	QP

Note: 1. Reading + Correct (Amplifier Factor + Cable Loss + Antenna Factor)

2. Margin = Result – Limit



Radiated Emissions – Below 1 GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 2	Test Voltage:	DC 6.4 V

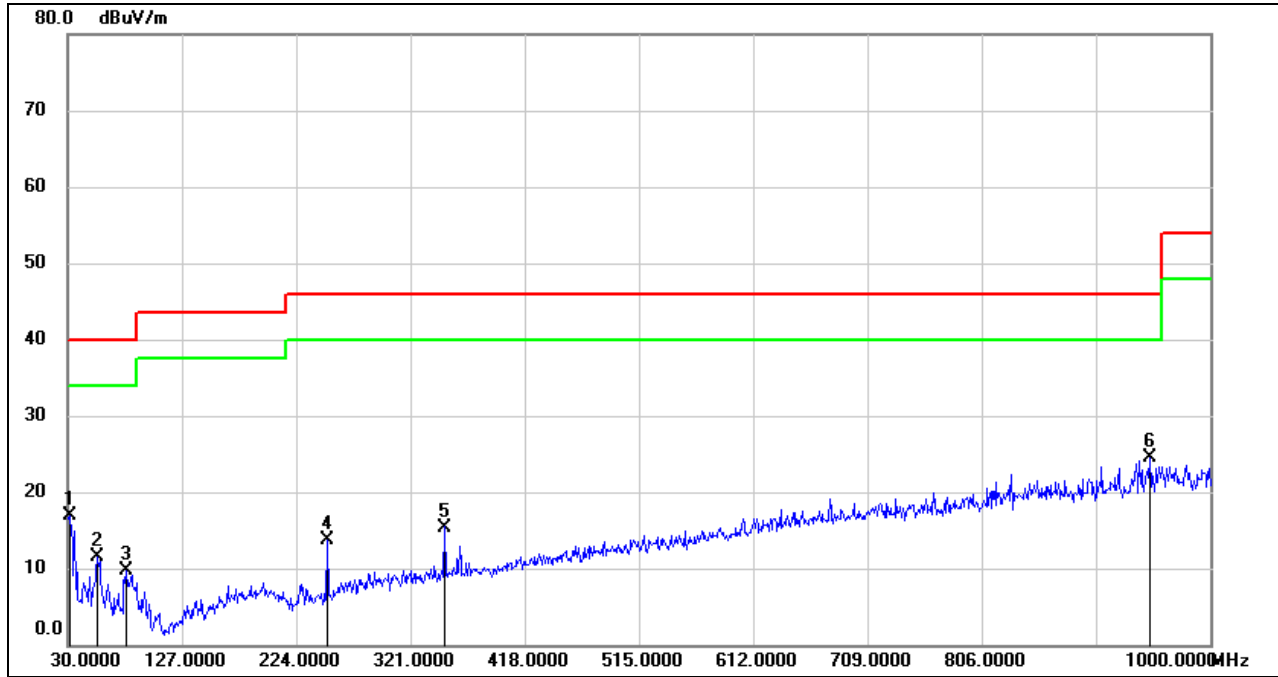


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	38.26	-17.13	21.13	40.00	-18.87	QP
2	58.1300	38.71	-18.98	19.73	40.00	-20.27	QP
3	72.6800	36.46	-20.05	16.41	40.00	-23.59	QP
4	250.1900	34.24	-16.34	17.90	46.00	-28.10	QP
5	350.1000	30.91	-13.52	17.39	46.00	-28.61	QP
6	897.1800	27.22	-4.28	22.94	46.00	-23.06	QP

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit



Radiated Emissions – Below 1 GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 2	Test Voltage:	DC 6.4 V

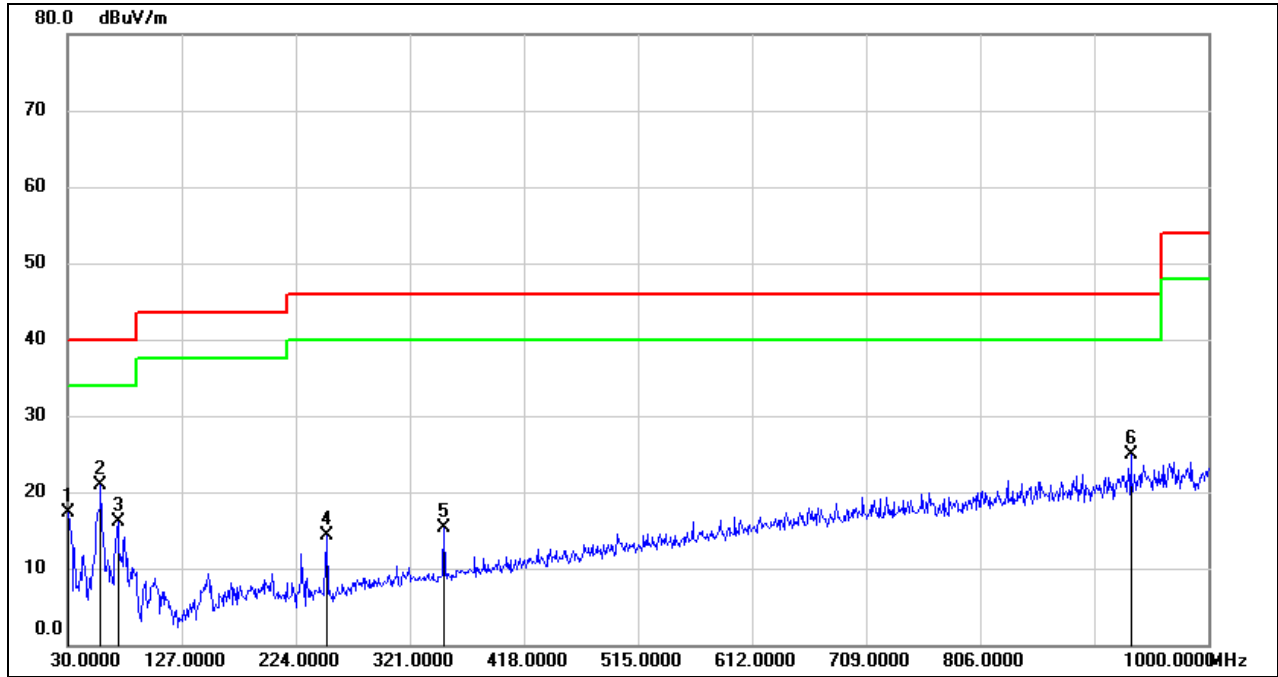


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	34.00	-17.05	16.95	40.00	-23.05	QP
2	55.2200	30.22	-18.78	11.44	40.00	-28.56	QP
3	79.4700	30.20	-20.48	9.72	40.00	-30.28	QP
4	250.1900	30.10	-16.34	13.76	46.00	-32.24	QP
5	350.1000	28.92	-13.52	15.40	46.00	-30.60	QP
6	948.5900	28.05	-3.45	24.60	46.00	-21.40	QP

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result – Limit



Radiated Emissions – Below 1 GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 3	Test Voltage:	DC 6.4 V

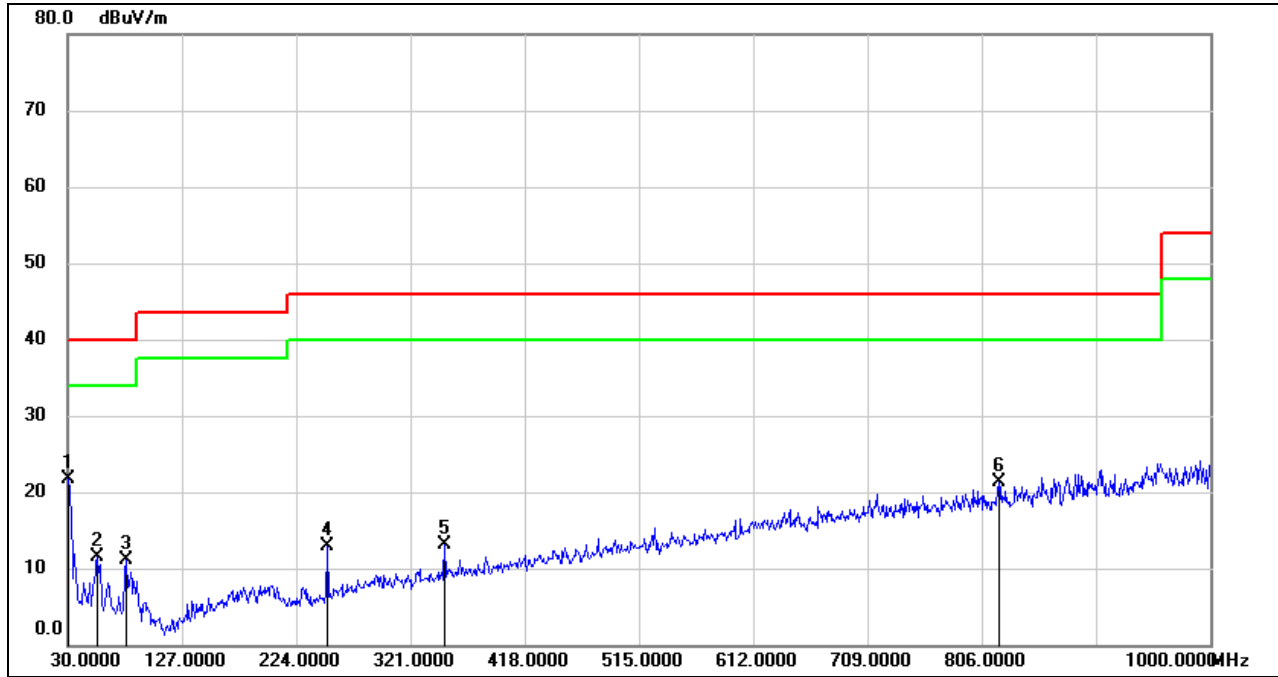


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	34.50	-17.13	17.37	40.00	-22.63	QP
2	58.1300	39.94	-18.98	20.96	40.00	-19.04	QP
3	72.6800	36.24	-20.05	16.19	40.00	-23.81	QP
4	250.1900	30.57	-16.34	14.23	46.00	-31.77	QP
5	350.1000	28.77	-13.52	15.25	46.00	-30.75	QP
6	934.0400	28.74	-3.86	24.88	46.00	-21.12	QP

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit



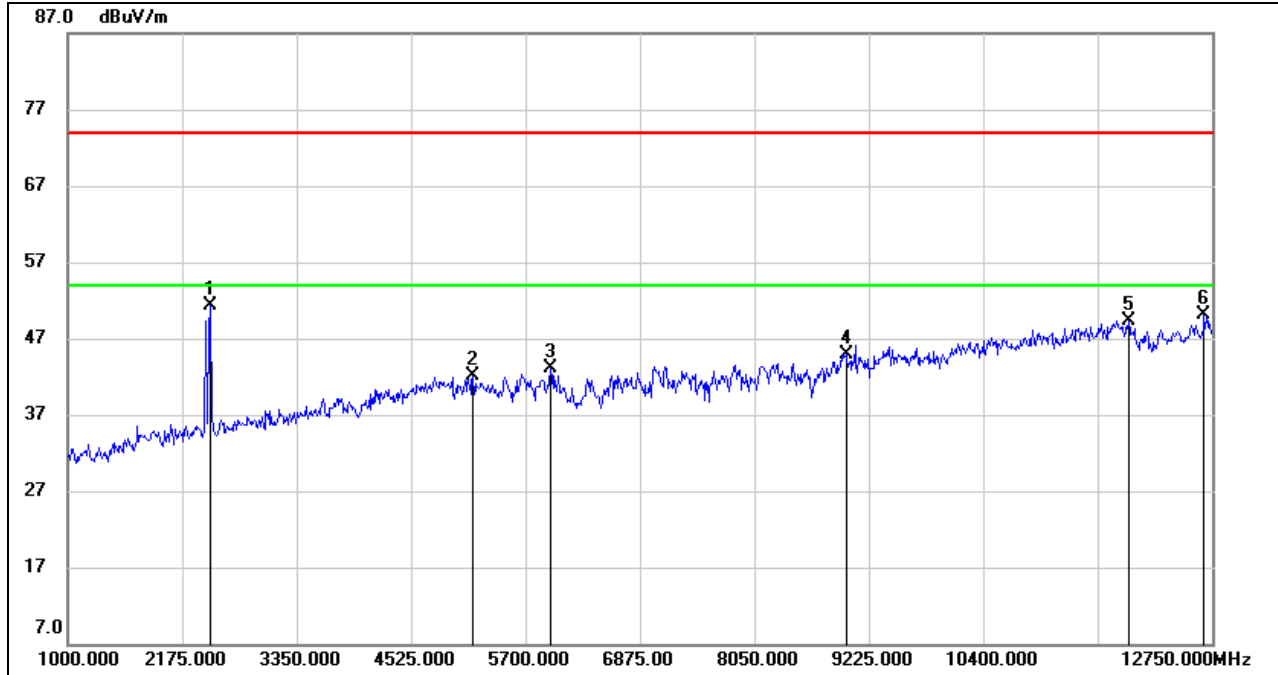
Radiated Emissions – Below 1 GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 3	Test Voltage:	DC 6.4 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	38.75	-17.13	21.62	40.00	-18.38	QP
2	55.2200	30.35	-18.78	11.57	40.00	-28.43	QP
3	79.4700	31.66	-20.48	11.18	40.00	-28.82	QP
4	250.1900	29.24	-16.34	12.90	46.00	-33.10	QP
5	350.1000	26.54	-13.52	13.02	46.00	-32.98	QP
6	820.5500	26.41	-5.10	21.31	46.00	-24.69	QP

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Radiated Emissions – Above 1 GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 2	Test Voltage:	DC 6.4 V

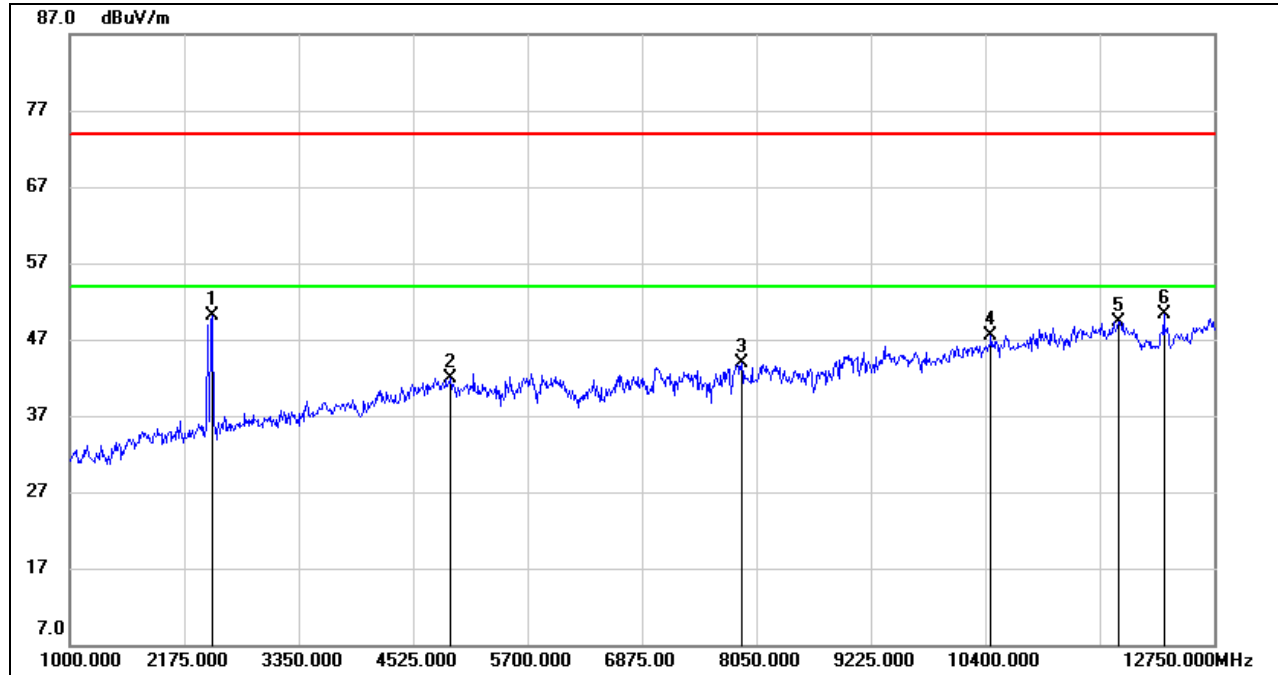


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2468.750	59.77	-8.53	51.24	74.00	-22.76	peak
2	5159.500	40.38	1.71	42.09	74.00	-31.91	peak
3	5958.500	40.70	2.47	43.17	74.00	-30.83	peak
4	8990.000	35.98	8.99	44.97	74.00	-29.03	peak
5	11892.250	36.12	13.25	49.37	74.00	-24.63	peak
6	12667.750	36.31	13.81	50.12	74.00	-23.88	peak

- Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit
 3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 4. Peak: Peak detector.



Radiated Emissions – Above 1 GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 2	Test Voltage:	DC 6.4 V

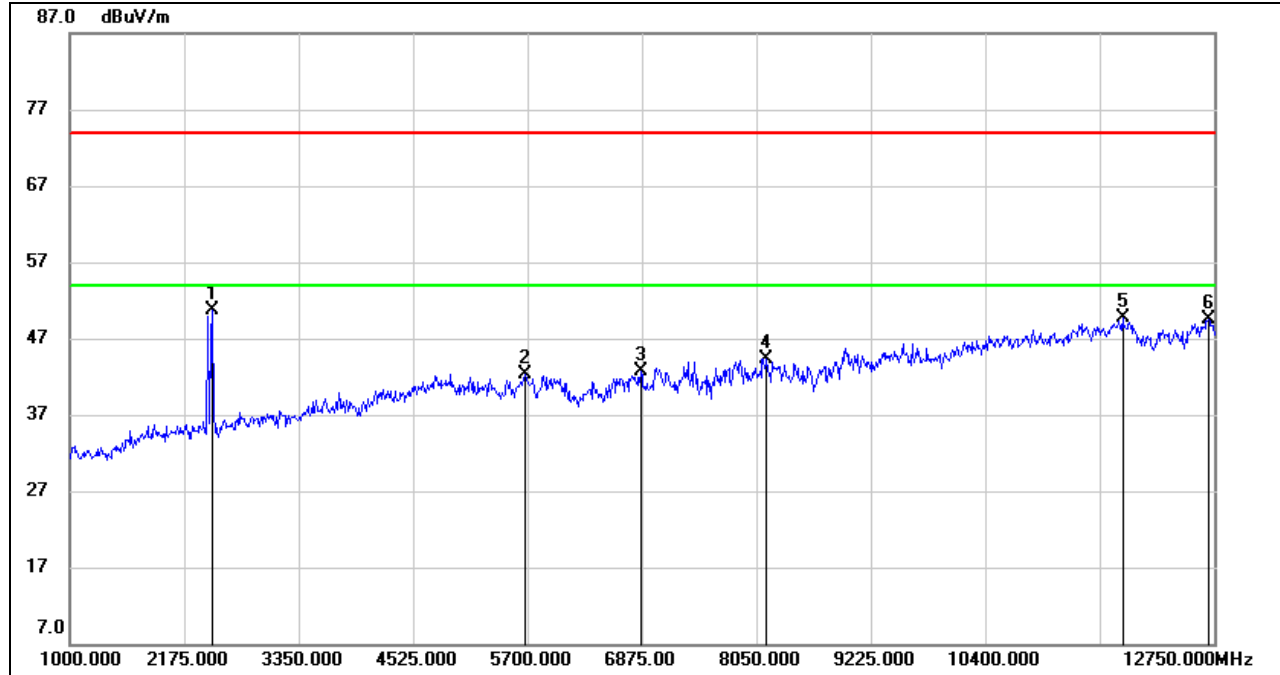


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2457.000	58.70	-8.55	50.15	74.00	-23.85	peak
2	4912.750	41.29	0.70	41.99	74.00	-32.01	peak
3	7897.250	38.23	5.77	44.00	74.00	-30.00	peak
4	10458.750	37.27	10.21	47.48	74.00	-26.52	peak
5	11763.000	36.12	13.25	49.37	74.00	-24.63	peak
6	12233.000	37.23	13.15	50.38	74.00	-23.62	peak

- Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit
 3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 4. Peak: Peak detector.



Radiated Emissions – Above 1 GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 3	Test Voltage:	DC 6.4 V

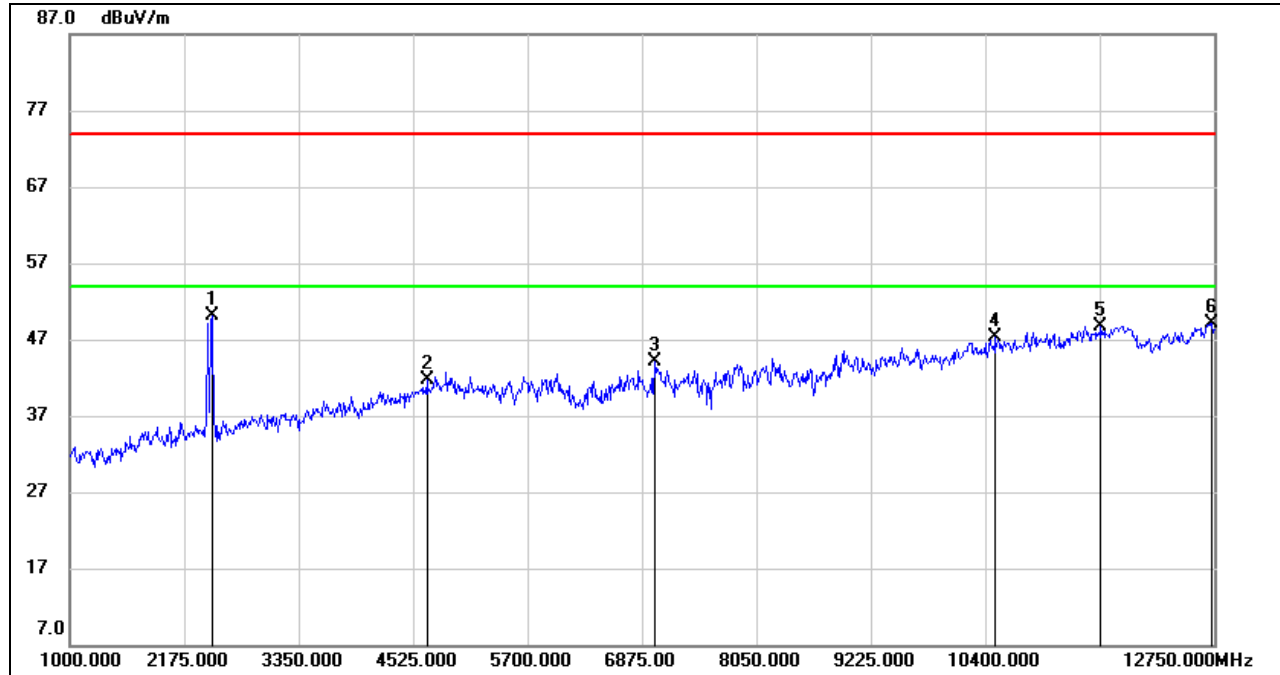


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2468.750	59.33	-8.53	50.80	74.00	-23.20	peak
2	5676.500	40.40	1.99	42.39	74.00	-31.61	peak
3	6863.250	38.05	4.59	42.64	74.00	-31.36	peak
4	8155.750	37.53	6.79	44.32	74.00	-29.68	peak
5	11810.000	36.24	13.42	49.66	74.00	-24.34	peak
6	12691.250	35.71	13.88	49.59	74.00	-24.41	peak

- Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit
 3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 4. Peak: Peak detector.



Radiated Emissions – Above 1 GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 3	Test Voltage:	DC 6.4 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2457.000	58.72	-8.55	50.17	74.00	-23.83	peak
2	4666.000	41.88	-0.25	41.63	74.00	-32.37	peak
3	7004.250	39.18	4.90	44.08	74.00	-29.92	peak
4	10505.750	36.87	10.41	47.28	74.00	-26.72	peak
5	11586.750	36.36	12.43	48.79	74.00	-25.21	peak
6	12726.500	35.19	13.98	49.17	74.00	-24.83	peak

- Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit
 3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 4. Peak: Peak detector.

END OF REPORT

