

CFR 47 FCC PART 15 SUBPART C ISED RSS-210 ISSUE 9

TEST REPORT

For

TOY Transmitter

MODEL NUMBER: GF21HNRR

FCC ID: G6DGF21HNRR

IC: 9650A-GF21HNRR

REPORT NUMBER: 4788931473.1-2

ISSUE DATE: May 15, 2019

Prepared for

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

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	05/15/2019	Initial Issue	



	Summary of Test Results				
Clause	Test Items	IC Rules	Test Results		
1	20dB Bandwidth and 99% Occupied Bandwidth	CFR 47 FCC 15.249(d) ISED RSS-Gen Clause 6.7	Pass		
2	Radiated emission	CFR 47 FCC §15.249 (a)(d)(e) ISED RSS-210 Clause Annex B B.10 CFR 47 FCC §15.205 and §15.209 RSS-GEN Clause 8.9 RSS-GEN Clause 8.10	Pass		
3	Antenna Requirement	FCC Part 15.203 ISED RSS-Gen Clause 8.3	Pass		



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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 Description	
EUT Name:	TOY Transmitter
Model:	GF21HNRR
Brand Name:	/

Brand Name: Sample Status: Date of Tested: Normal March 11, 2019 ~ May 15, 2019

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART C	PASS
ISED RSS-210 Issue 9	PASS
ISED RSS-GEN Issue 5	PASS

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with KDB 414788 D01 Radiated Test Site v01r01, FCC CFR 47 Part 2, FCC CFR 47 Part 15, ANSI C63.10-2014, ISED RSS-210 Issue 9 and RSS-GEN Issue 5.

3. FACILITIES AND ACCREDITATION

 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. FCC (FCC Designation 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 Delcaration of Conformity (DoC) and Certification rules IC(Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320. 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:
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Note:

- All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
- The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.
- 3. For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30MHz had been correlated to measurements performed on an OFS.



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	Uncertainty	
Conduction emission	3.62dB	
Radiation Emission test(include Fundamental emission) (9KHz-30MHz)	2.2dB	
Radiation Emission test(include Fundamental emission) (30MHz-1GHz)	4.00dB	
Radiation Emission test	5.78dB (1GHz-18Gz)	
(1GHz to 26GHz)(include Fundamental emission)	5.23dB (18GHz-26Gz)	
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 Transmitter		
EUT Description	The EUT is a wireless remote controller.		
Model	GF21HNRR		
Product Description	Operation Frequency	2410 MHz ~ 2475 MHz	
	Modulation Type GFSK		
Battery	DC 3V		

5.2. MAXIMUM OUTPUT POWER

Frequency Range (MHz)	Number of Transmit Chains (NTX)	Frequency (MHz)	Channel Number	Max Power (dBµV/m)
2410 ~ 2475	1	2410	1[66]	102.55

5.3. CHANNEL LIST

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2410	18	2427	35	2444	52	2461
2	2411	19	2428	36	2445	53	2462
3	2412	20	2429	37	2446	54	2463
4	2413	21	2430	38	2447	55	2464
5	2414	22	2431	39	2448	56	2465
6	2415	23	2432	40	2449	57	2466
7	2416	24	2433	41	2450	58	2467
8	2417	25	2434	42	2451	59	2468
9	2418	26	2435	43	2452	60	2469
10	2419	27	2436	44	2453	61	2470
11	2420	28	2437	45	2454	62	2471
12	2421	29	2438	46	2455	63	2472
13	2422	30	2439	47	2456	64	2473
14	2423	31	2440	48	2457	65	2474
15	2424	32	2441	49	2458	66	2475
16	2425	33	2442	50	2459	/	/
17	2426	34	2443	51	2460	/	/



5.4. DESCRIPTION OF AVAILABLE ANTENNAS

Ant.	Frequency (MHz)	Antenna Type	Antenna Gain (dBi)	
1	1 2410 ~ 2475		0	

Test Mode	Transmit and Receive Mode	Description
GFSK	⊠1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.

5.5. TEST CHANNEL CONFIGURATION

Test Mode	Test Channel	Frequency
GFSK	CH 1, CH 34, CH 66	2410MHz, 2443MHz, 2475MHz

5.6. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2410 ~ 2475MHz Band					
Test Software /					
Modulation Type	Transmit Antenna	Test Channel			
	Number	CH 1	CH 34	CH 66	
GFSK	1	Default	Default	Default	

5.7. TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests			
Relative Humidity	55 ~ 65%			
Atmospheric Pressure:	1025Pa			
Temperature	TN	22 ~ 28°C		
	VL	/		
Voltage :	VN	DC 3V		
	VH	/		

Note: VL= Lower Extreme Test Voltage VN= Nominal Voltage VH= Upper Extreme Test Voltage TN= Normal Temperature



5.8. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	P/N
1	/	/	/	/

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	/	/	/	/	/

ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	/	/	/	/

TEST SETUP

The EUT have the engineer mode inside.

SETUP DIAGRAM FOR TEST



Note: New battery was used during all tests.



5.9. MEASURING INSTRUMENT AND SOFTWARE USED

	Radiated Emissions							
			In	strumen	t			
Used	Equipment	Manufacturer	Mo	odel No.	Sei	rial No.	Last Cal.	Next Cal.
\checkmark	MXE EMI Receiver	KESIGHT	Ν	9038A	MY5	6400036	Dec.10,2018	Dec.10,2019
	Hybrid Log Periodic Antenna	TDK	HL	P-30030	13	30960	Sep.17,2018	Sep.17,2021
\checkmark	Preamplifier	HP	8	3447D	2944	A09099	Dec.10,2018	Dec.10,2019
	EMI Measurement Receiver	R&S	E	SR26	10)1377	Dec.10,2018	Dec.10,2019
\checkmark	Horn Antenna	TDK	HRN-0118		13	30939	Sep.17,2018	Sep.17,2021
	High Gain Horn Antenna	Schwarzbeck	BBHA-9170		D	691	Aug.18,2018	Aug.18,2021
\checkmark	Preamplifier	TDK	PA	-02-0118	2	S-305- 0066	Dec.10,2018	Dec.10,2019
	Preamplifier	TDK	Ρ	A-02-2		S-307- 0003	Dec.10,2018	Dec.10,2019
\checkmark	Loop antenna	Schwarzbeck		1519B	0	8000	Jan.17, 2019	Jan.17,2022
			S	oftware				
Used	Descr	iption		Manufa	acturer		Name	Version
V	Test Software disture		Farad EZ		Z-EMC	Ver. UL-3A1		
		Ot	her	instrum	nents			
Used	Equipment	Manufacturer	Model No.		Seria	al No.	Last Cal.	Next Cal.
\checkmark	Spectrum Analyzer	Keysight	N9	020A	MY491	00060	Dec.10,2018	Dec.10,2019



6. ANTENNA PORT TEST RESULTS

6.1. ON TIME AND DUTY CYCLE

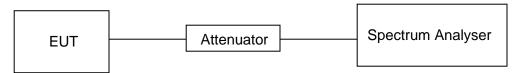
<u>LIMITS</u>

None; for reporting purposes only

PROCEDURE

KDB 558074 Zero-Span Spectrum Analyzer Method

TEST SETUP



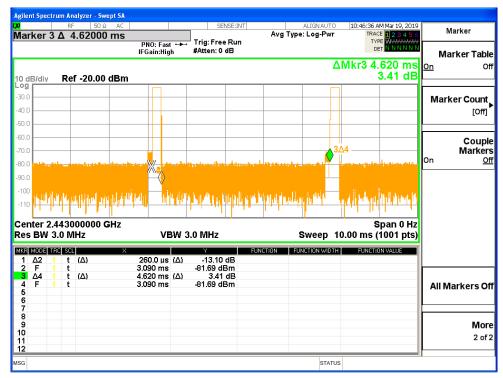
RESULTS

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (db)
GFSK	0.260	4.620	0.0563	5.63	-25.00

Note: Duty Cycle Correction Factor=20log(x). Where: x is Duty Cycle



ON TIME AND DUTY CYCLE MID CH PLOT



ON TIME AND DUTY CYCLE MID CH PLOT-2



Note: All the mode had been tested, but only the worst duty cycle recorded in the report.

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6.2. 20 dB BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15 (15.249) , Subpart C RSS-Gen Issue 5					
Section Test Item Limit Frequency Rang (MHz)					
CFR 47 FCC 15.249(d)	2400-2483.5				
ISED RSS-Gen Clause 6.7 Issue 5	99% Occupied Bandwidth	For reporting purposes only.	2400-2483.5		

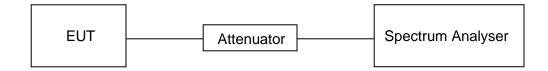
TEST PROCEDURE

Connect the UUT to the so	pectrum analyser and	l use the following settings:
	oot and analyses and	abe are renorming beamiger

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the occupied bandwidth
VBW	approximately 3×RBW
Trace	Max hold
Sweep	Auto couple

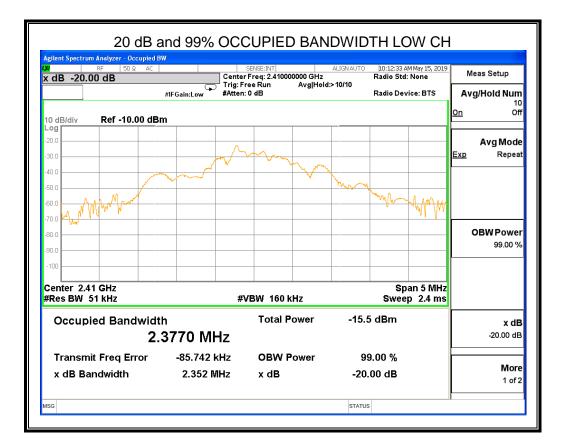
Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP

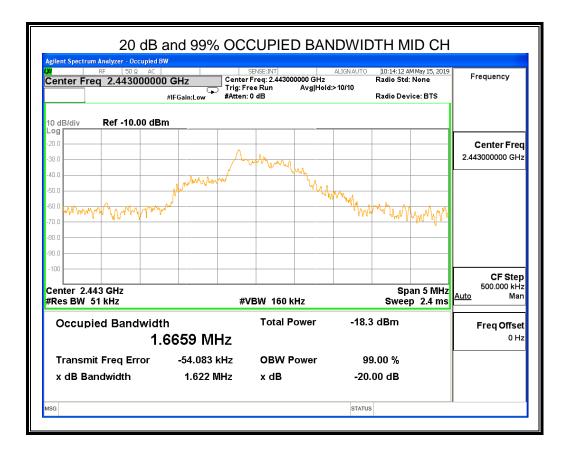


RESULTS

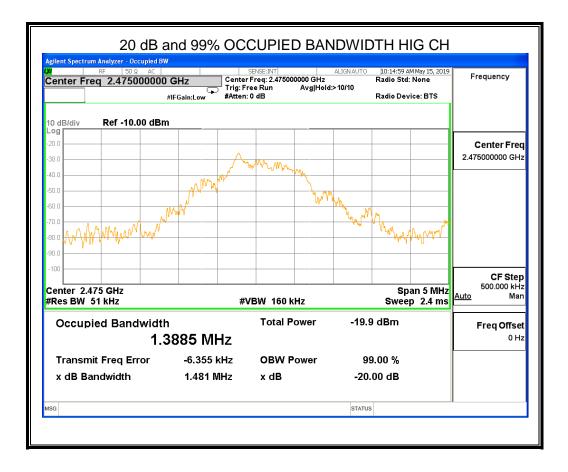
Frequency	20dB bandwidth	99% bandwidth	Result
(MHz)	(MHz)	(MHz)	
2410	2.352	2.377	PASS



Frequency	20dB bandwidth	99% bandwidth	Result
(MHz)	(MHz)	(MHz)	
2443	1.622	1.6659	PASS



Frequency	20dB bandwidth	99% bandwidth	Result
(MHz)	(MHz)	(MHz)	
2475	1.481	1.3885	PASS





7. RADIATED TEST RESULTS

7.1. LIMITS AND PROCEDURE

LIMITS

CFR 47 FCC §15.205 and §15.209

CFR 47 FCC §15.249 (a)(d)(e)

ISED RSS-210 Issue 9 Clause Annex B B.10

The field strength of emissions from intentional radiators operated within these frequency bands						
Frequency (MHz)						
902 - 928	50 mV/m (94dBuV/m)	500 uV/m (54dBuV/m)	3			
2400 – 2483.5	50 mV/m (94dBuV/m)	500 uV/m (54dBuV/m)	3			
5725 – 5875	50 mV/m (94dBuV/m)	500 uV/m (54dBuV/m)	3			

Emissions radiated outside of the specified frequency bands above 30MHz					
Frequency Range	Field Strength Limit	Field Strength Limit			
(MHz)	(uV/m) at 3 m	(dBuV/m) at 3 m			
(((((((((((((((((((((((((((((((((((((((Quasi-Peak			
30 - 88	100	40			
88 - 216	150	43.5			
216 - 960	200	46			
Above 960	500	54			
Above 1000	500	Peak	Average		
	500	74	54		

Emissions radiated outside of the specified frequency bands below 30MHz						
Frequency (MHz) Field strength (microvolts/meter) Measurement distance (meters)						
0.009-0.490	2400/F(kHz)	300				
0.490-1.705	24000/F(kHz)	30				
1.705-30.0	30	30				

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IC Restricted bands please refer to ISED RSS-GEN Clause 8.10

	Table 7 – Restricted frequency bands	Nota 1
MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 - 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138		

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.



FCC Restricted bands of operation:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7- <mark>1</mark> 56.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

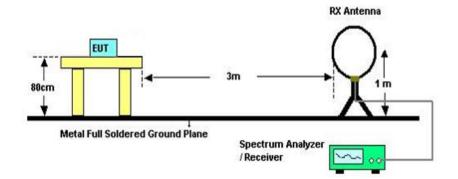
Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. ²Above 38.6c

ADUVE 30.00



TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

RBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
VBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
Sweep	Auto
Detector	Peak/QP/ Average
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013

2. The EUT was arranged to its worst case and then 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 80cm meter above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

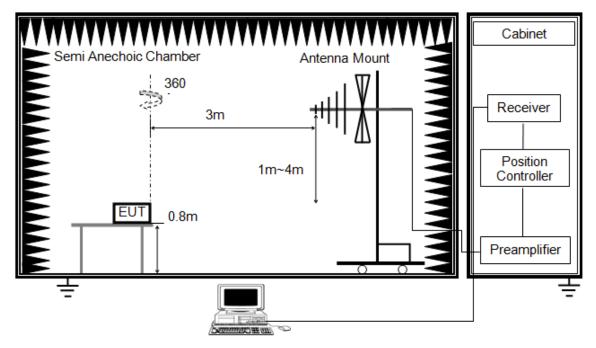
6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

7. Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

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Below 1G



The setting of the spectrum analyser

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

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.

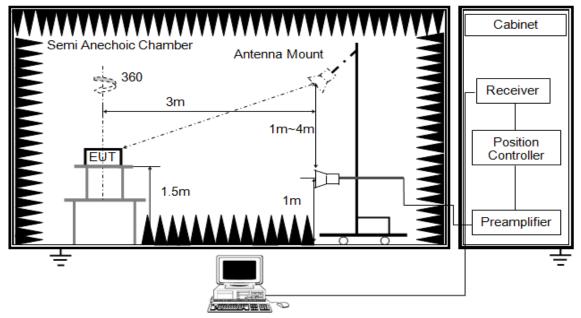
3. The EUT was placed on a turntable with 80cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1GHz, 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. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.



Above 1G



The setting of the spectrum analyser

RBW	1M
IV BWV	PEAK: 3M AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (1.5 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 80cm above ground.

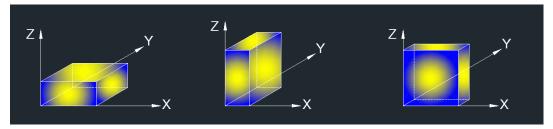
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector. For the Duty Cycle and Correction Factor please refer to clause 6.1.ON TIME AND DUTY CYCLE.



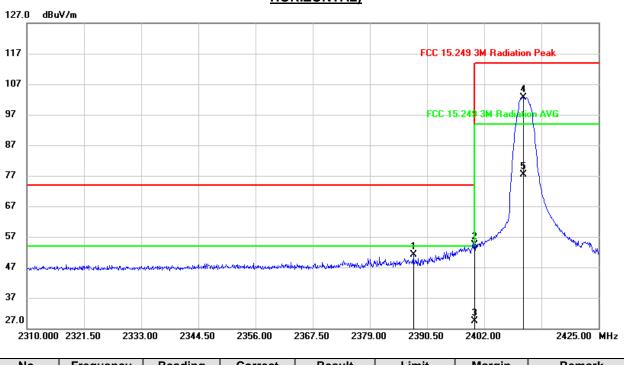
X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.



7.2. RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS



RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, HORIZONTAL)

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2387.740	18.23	32.94	51.17	74.00	-22.83	peak
2	2400.000	21.40	32.98	54.38	74.00	-19.62	peak
3	2400.000	21.40	32.98	29.38	54.00	-24.62	AVG
4	2409.820	69.50	33.05	102.55	114.00	-11.45	peak
5	2410.000	69.50	33.05	77.55	94.00	-16.45	AVG

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

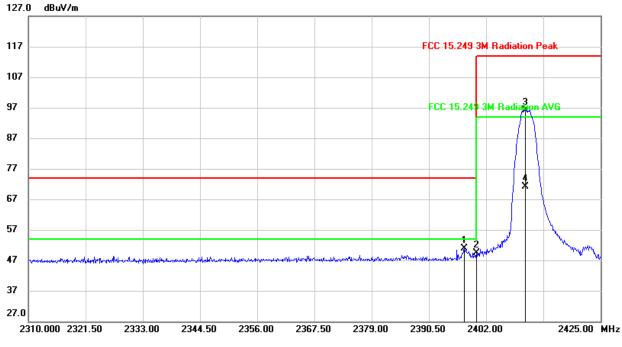
3. Peak: Peak detector.

4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.



RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2397.630	17.78	32.98	50.76	74.00	-23.24	peak
2	2400.000	16.31	32.98	49.29	74.00	-24.71	peak
3	2409.935	63.17	33.05	96.22	114.00	-17.78	peak
4	2409.935	63.17	33.05	71.22	94.00	-22.78	AVG

Note: 1. Measurement = Reading Level + Correct Factor.

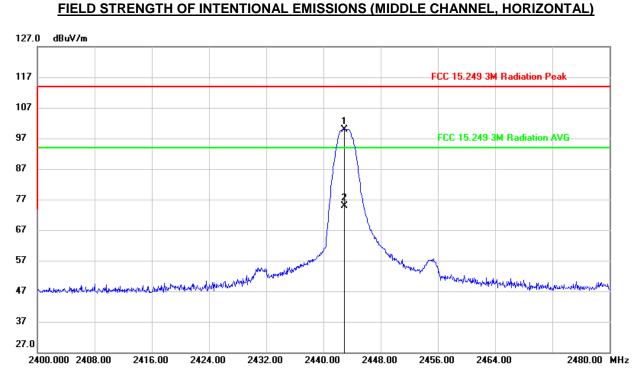
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2443.000	66.58	33.29	99.87	114.00	-14.13	peak
2	2443.000	66.58	33.29	74.87	94.00	-19.13	AVG

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

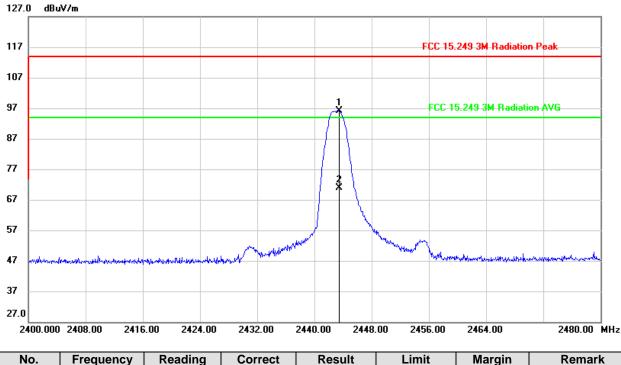
3. Peak: Peak detector.

4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.



FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2443.440	62.74	33.29	96.03	114.00	-17.97	peak
2	2443.440	62.74	33.29	71.03	94.00	-22.97	AVG

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

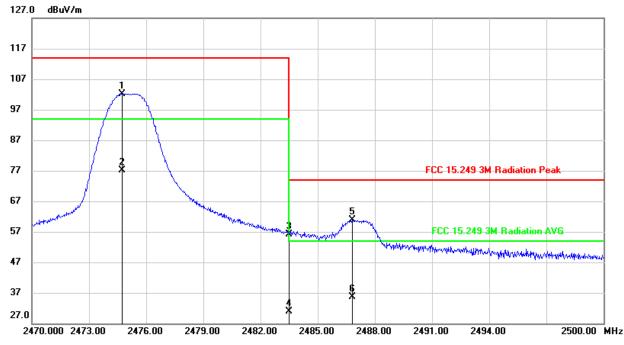
3. Peak: Peak detector.

4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.



RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2474.740	68.73	33.51	102.24	114.00	-11.76	peak
2	2474.740	68.73	33.51	77.24	94.00	-16.76	AVG
3	2483.500	22.52	33.58	56.1	74.00	-17.90	peak
4	2483.500	22.52	33.58	31.10	54.00	-22.90	AVG
5	2486.830	27.20	33.61	60.81	74.00	-13.19	peak
6	2486.830	27.20	33.61	35.81	54.00	-18.19	AVG

Note: 1. Measurement = Reading Level + Correct Factor.

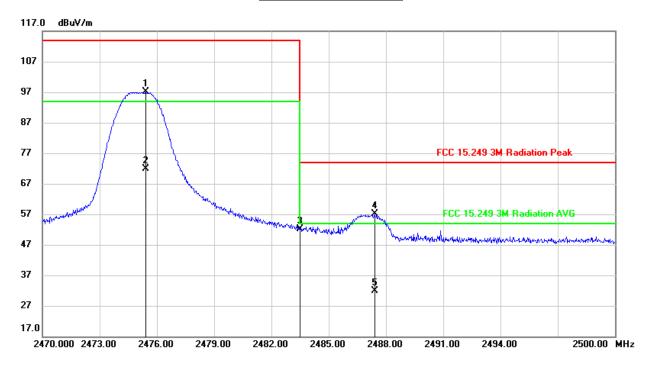
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.





RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2475.400	63.48	33.53	97.01	114.00	-16.99	peak
2	2475.400	63.48	33.53	72.01	94.00	-21.99	AVG
3	2483.500	18.57	33.58	52.15	74.00	-21.85	peak
4	2487.400	23.42	33.61	57.03	74.00	-16.97	peak
5	2487.400	23.42	33.61	32.03	54.00	-21.97	AVG

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

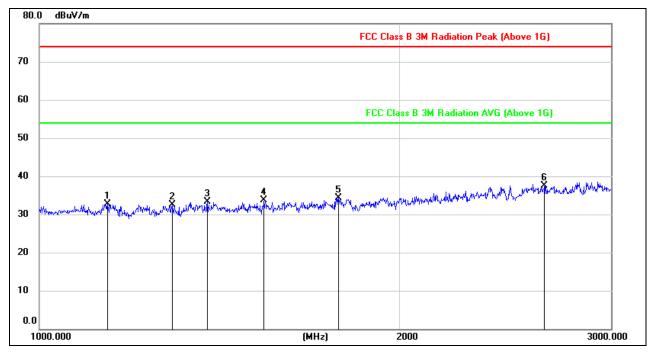
3. Peak: Peak detector.

4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.



7.3. SPURIOUS EMISSIONS (1~3GHz)



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1139.666	45.20	-12.53	32.67	74.00	-41.33	peak
2	1293.142	43.83	-11.29	32.54	74.00	-41.46	peak
3	1381.254	45.13	-11.79	33.34	74.00	-40.66	peak
4	1543.344	44.78	-11.17	33.61	74.00	-40.39	peak
5	1776.374	43.98	-9.73	34.25	74.00	-39.75	peak
6	2643.944	44.60	-7.07	37.53	74.00	-36.47	peak

Note: 1. Peak Result = Reading Level + Correct Factor.

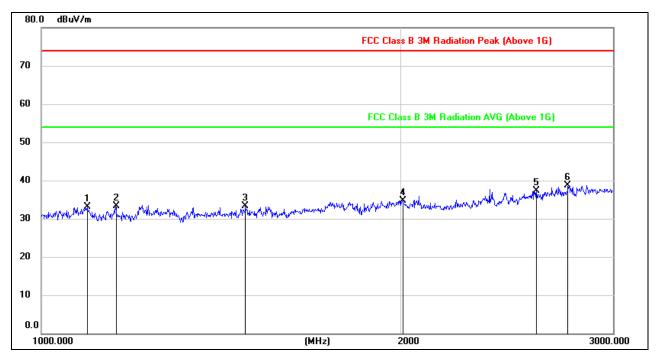
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The Band Reject filter loss factor already add into the correct factor.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1091.867	45.68	-12.64	33.04	74.00	-40.96	peak
2	1154.790	45.82	-12.52	33.30	74.00	-40.70	peak
3	1480.241	45.03	-11.67	33.36	74.00	-40.64	peak
4	2004.554	44.33	-9.72	34.61	74.00	-39.39	peak
5	2589.328	44.14	-6.75	37.39	74.00	-36.61	peak
6	2756.658	44.84	-6.17	38.67	74.00	-35.33	peak

Note: 1. Peak Result = Reading Level + Correct Factor.

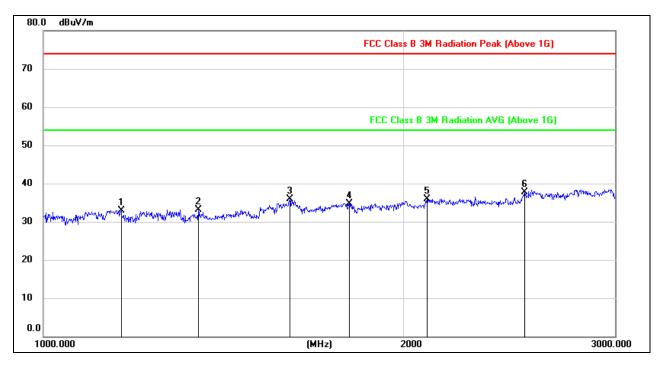
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The Band Reject filter loss factor already add into the correct factor.



HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1161.150	45.42	-12.51	32.91	74.00	-41.09	peak
2	1346.790	44.60	-11.54	33.06	74.00	-40.94	peak
3	1605.607	46.59	-10.62	35.97	74.00	-38.03	peak
4	1799.947	44.22	-9.42	34.80	74.00	-39.20	peak
5	2092.307	44.27	-8.42	35.85	74.00	-38.15	peak
6	2524.720	44.13	-6.45	37.68	74.00	-36.32	peak

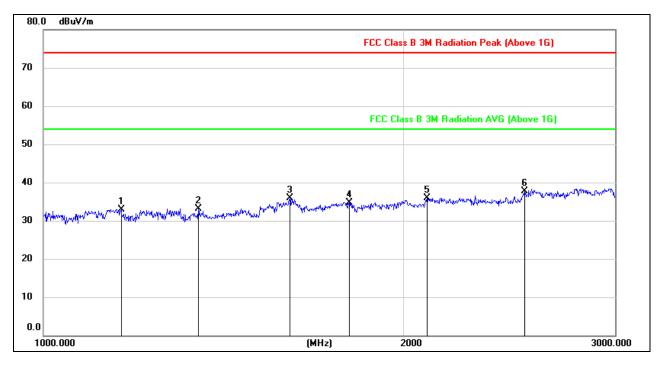
Note: 1. Peak Result = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.

4. The Band Reject filter loss factor already add into the correct factor.



HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1161.150	45.42	-12.51	32.91	74.00	-41.09	peak
2	1346.790	44.60	-11.54	33.06	74.00	-40.94	peak
3	1605.607	46.59	-10.62	35.97	74.00	-38.03	peak
4	1799.947	44.22	-9.42	34.80	74.00	-39.20	peak
5	2092.307	44.27	-8.42	35.85	74.00	-38.15	peak
6	2524.720	44.13	-6.45	37.68	74.00	-36.32	peak

Note: 1. Peak Result = Reading Level + Correct Factor.

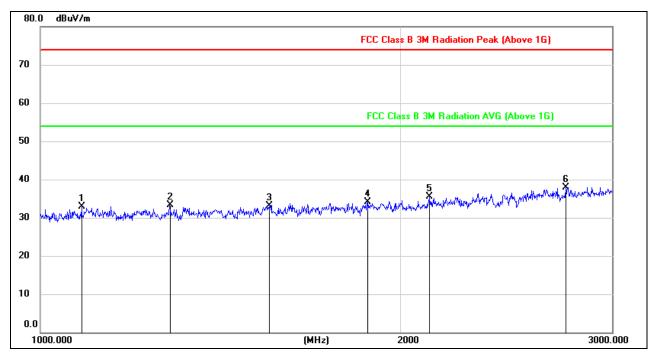
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The Band Reject filter loss factor already add into the correct factor.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1082.313	45.64	-12.69	32.95	74.00	-41.05	peak
2	1283.236	44.65	-11.42	33.23	74.00	-40.77	peak
3	1555.259	44.13	-11.06	33.07	74.00	-40.93	peak
4	1876.681	43.49	-9.33	34.16	74.00	-39.84	peak
5	2113.098	43.77	-8.34	35.43	74.00	-38.57	peak
6	2744.571	44.33	-6.43	37.90	74.00	-36.10	peak

Note: 1. Peak Result = Reading Level + Correct Factor.

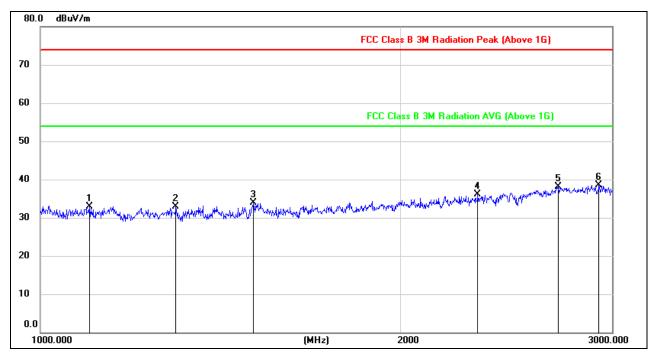
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The Band Reject filter loss factor already add into the correct factor.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1099.088	45.44	-12.60	32.84	74.00	-41.16	peak
2	1297.411	44.23	-11.24	32.99	74.00	-41.01	peak
3	1506.490	45.51	-11.54	33.97	74.00	-40.03	peak
4	2317.383	43.58	-7.43	36.15	74.00	-37.85	peak
5	2705.651	45.39	-7.29	38.10	74.00	-35.90	peak
6	2925.146	43.59	-5.00	38.59	74.00	-35.41	peak

Note: 1. Peak Result = Reading Level + Correct Factor.

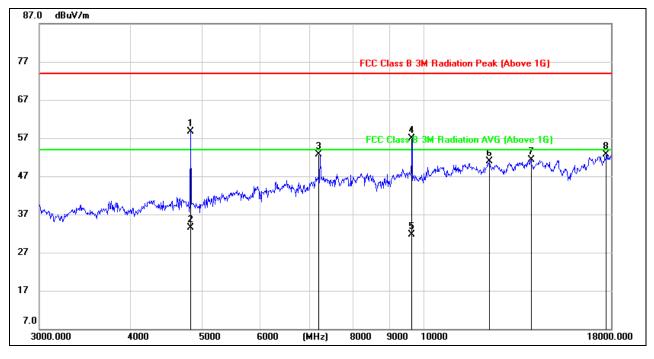
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The Band Reject filter loss factor already add into the correct factor.



7.4. SPURIOUS EMISSIONS (3~18GHz)



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4820.000	58.89	-0.21	58.68	74.00	-15.32	peak
2	4820.000	58.89	-0.21	33.68	54.00	-20.32	AVG
3	7230.919	45.81	6.96	52.77	74.00	-21.23	peak
4	9640.000	46.85	10.03	56.88	74.00	-17.12	peak
5	9640.000	46.85	10.03	31.88	54.00	-22.12	AVG
6	12289.276	36.61	14.38	50.99	74.00	-23.01	peak
7	14006.555	34.94	16.36	51.30	74.00	-22.70	peak
8	17775.648	29.72	22.98	52.70	74.00	-21.30	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

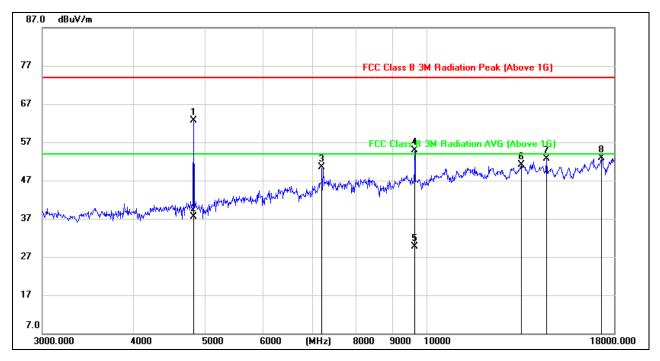
4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.

6.The Band Reject filter loss factor already add into the correct factor.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4820.000	62.83	-0.21	62.62	74.00	-11.38	peak
2	4820.000	62.83	-0.21	37.62	54.00	-16.38	AVG
3	7230.919	43.57	6.96	50.53	74.00	-23.47	peak
4	9640.000	44.86	10.03	54.89	74.00	-19.11	peak
5	9640.000	44.86	10.03	29.89	54.00	-24.11	AVG
6	13465.175	35.32	15.74	51.06	74.00	-22.94	peak
7	14569.702	36.64	16.03	52.67	74.00	-21.33	peak
8	17304.266	30.97	21.88	52.85	74.00	-21.15	peak

Note: 1. Peak Result = Reading Level + Correct Factor.

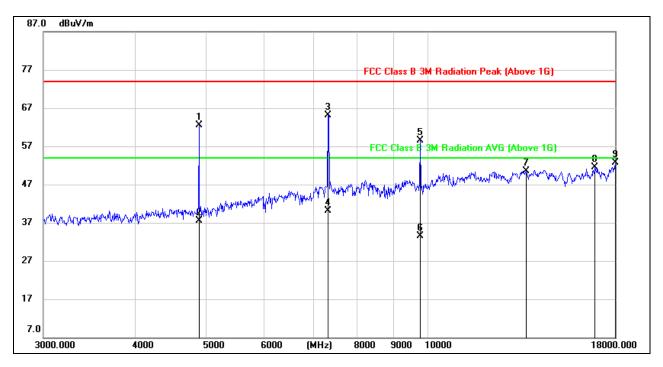
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The Band Reject filter loss factor already add into the correct factor.



HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4884.031	62.69	-0.12	62.57	74.00	-11.43	peak
2	4884.031	62.69	-0.12	37.57	54.00	-16.43	AVG
3	7329.000	57.86	7.25	65.11	74.00	-8.89	peak
4	7329.000	57.86	7.25	40.11	54.00	-13.89	AVG
5	9772.000	48.45	10.15	58.6	74.00	-15.40	peak
6	9772.000	48.45	10.15	33.60	54.00	-20.40	AVG
7	13610.714	34.45	16.06	50.51	74.00	-23.49	peak
8	16936.176	31.41	20.08	51.49	74.00	-22.51	peak
9	18000.000	29.36	23.27	52.63	74.00	-21.37	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

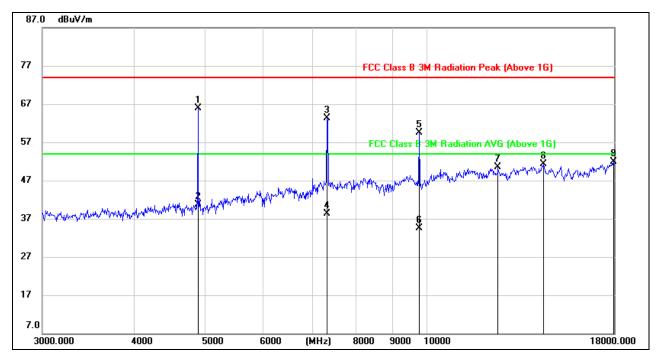
3. Peak: Peak detector.

4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.

6.The Band Reject filter loss factor already add into the correct factor.





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4886.000	65.94	-0.11	65.83	74.00	-8.17	peak
2	4886.000	65.94	-0.11	40.83	54.00	-13.17	AVG
3	7329.000	56.08	7.25	63.33	74.00	-10.67	peak
4	7329.000	56.08	7.25	38.33	54.00	-15.67	AVG
5	9772.000	49.26	10.15	59.41	74.00	-14.59	peak
6	9772.000	49.26	10.15	34.41	54.00	-19.59	AVG
7	12511.455	35.69	14.75	50.44	74.00	-23.56	peak
8	14439.758	34.84	16.39	51.23	74.00	-22.77	peak
9	17967.777	28.73	23.24	51.97	74.00	-22.03	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

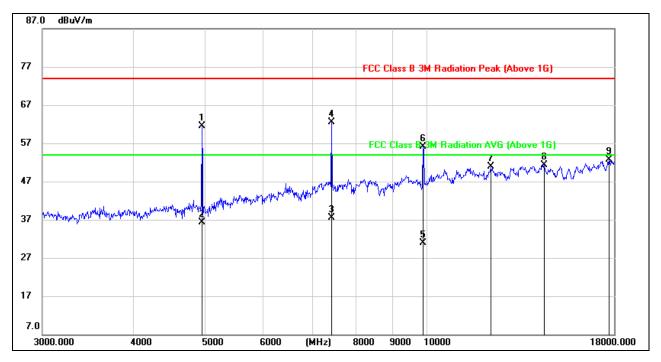
3. Peak: Peak detector.

4. AVG Result=Peak Result + Duty Correction Factor.

5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.

6.The Band Reject filter loss factor already add into the correct factor.





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4950.000	61.31	0.19	61.50	74.00	-12.50	peak
2	4950.000	61.31	0.19	36.50	54.00	-17.50	AVG
4	7425.000	30.02	7.42	37.44	74.00	-36.56	peak
3	7425.000	30.02	7.42	12.44	54.00	-41.56	AVG
6	9900.000	20.40	10.55	31.05	54.00	-22.95	peak
5	9900.000	20.40	10.55	56.05	74.00	-17.95	AVG
7	12223.395	36.69	14.26	50.95	74.00	-23.05	peak
8	14465.653	34.89	16.35	51.24	74.00	-22.76	peak
9	17712.063	30.35	22.36	52.71	74.00	-21.29	peak

Note: 1. Peak Result = Reading Level + Correct Factor.

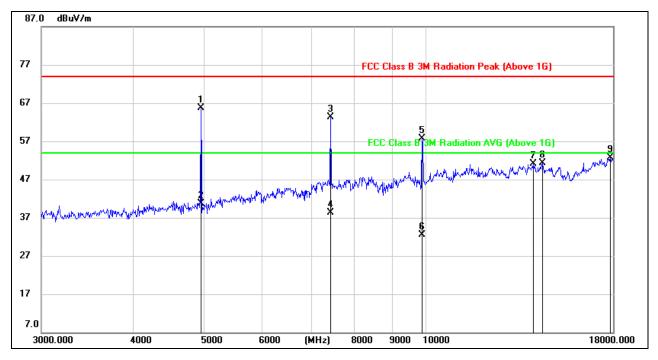
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The Band Reject filter loss factor already add into the correct factor.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4950.000	65.59	0.19	65.78	74.00	-8.22	peak
2	4950.000	65.59	0.19	40.78	54.00	-13.22	AVG
3	7425.000	55.98	7.42	63.40	74.00	-10.60	peak
4	7425.000	55.98	7.42	38.40	54.00	-15.60	AVG
5	9900.000	47.08	10.55	57.63	74.00	-16.37	peak
6	9900.000	47.08	10.55	32.63	54.00	-21.37	AVG
7	14006.555	34.72	16.36	51.08	74.00	-22.92	peak
8	14413.908	34.96	16.41	51.37	74.00	-22.63	peak
9	17839.462	29.54	23.21	52.75	74.00	-21.25	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

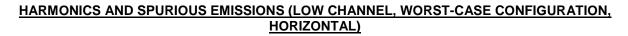
4. AVG Result=Peak Result + Duty Correction Factor.

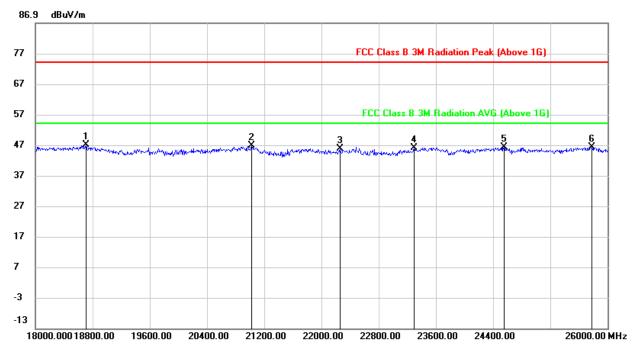
5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.

6.The Band Reject filter loss factor already add into the correct factor.



7.5. SPURIOUS EMISSIONS (18~26GHz)





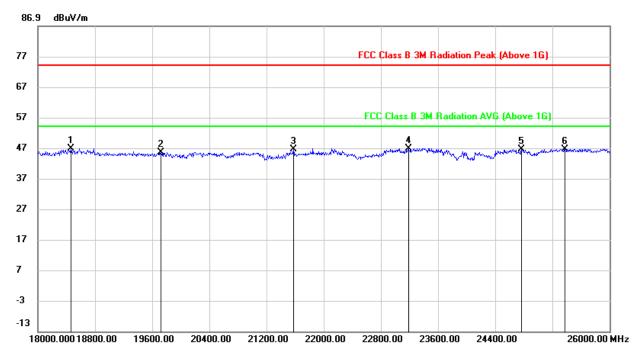
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18712.000	51.73	-4.76	46.97	74.00	-27.03	peak
2	21024.000	52.12	-5.30	46.82	74.00	-27.18	peak
3	22256.000	51.95	-6.06	45.89	74.00	-28.11	peak
4	23296.000	51.30	-5.16	46.14	74.00	-27.86	peak
5	24552.000	48.64	-2.46	46.18	74.00	-27.82	peak
6	25784.000	47.73	-1.49	46.24	74.00	-27.76	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18464.000	51.20	-4.39	46.81	74.00	-27.19	peak
2	19720.000	50.00	-4.39	45.61	74.00	-28.39	peak
3	21576.000	52.32	-5.77	46.55	74.00	-27.45	peak
4	23184.000	52.20	-5.36	46.84	74.00	-27.16	peak
5	24768.000	48.42	-1.88	46.54	74.00	-27.46	peak
6	25376.000	48.14	-1.50	46.64	74.00	-27.36	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

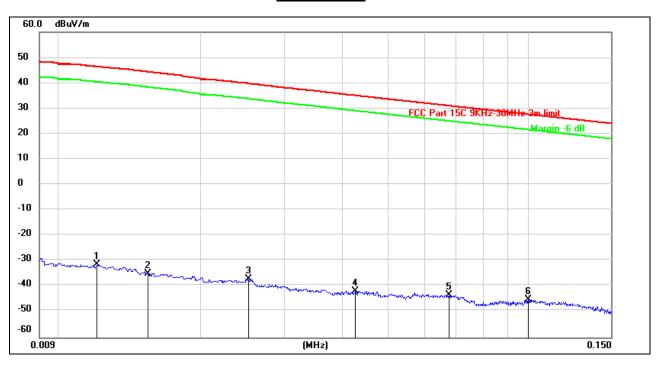
3. Peak: Peak detector.

Note: All test mode has been tested, only the worst data record in the report.



7.6. SPURIOUS EMISSIONS BELOW 30M

SPURIOUS EMISSIONS (LOW CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)



9kHz~ 150kHz

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0120	70.16	-101.39	-31.23	46.40	-77.63	peak
2	0.0154	66.44	-101.37	-34.93	44.35	-79.28	peak
3	0.0252	64.32	-101.37	-37.05	39.75	-76.80	peak
4	0.0427	59.64	-101.45	-41.81	35.04	-76.85	peak
5	0.0675	58.14	-101.56	-43.42	31.03	-74.45	peak
6	0.1000	56.67	-101.80	-45.13	27.60	-72.73	peak

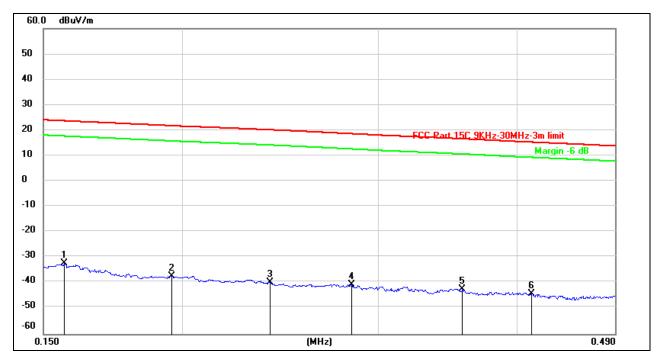
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.



<u>150kHz ~ 490kHz</u>



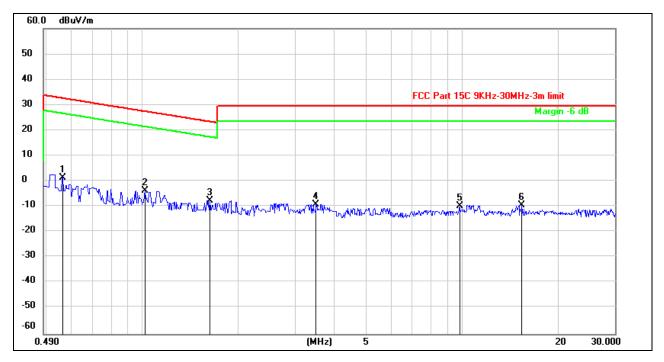
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1565	69.53	-101.65	-32.12	23.72	-55.84	peak
2	0.1955	64.35	-101.71	-37.36	21.78	-59.14	peak
3	0.2398	62.01	-101.78	-39.77	20.18	-59.95	peak
4	0.2837	61.22	-101.83	-40.61	18.63	-59.24	peak
5	0.3573	59.58	-101.91	-42.33	16.63	-58.96	peak
6	0.4122	57.63	-101.98	-44.35	15.32	-59.67	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

<u>490kHz ~ 30MHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5635	63.37	-62.08	1.29	32.62	-31.33	peak
2	1.0212	58.48	-62.25	-3.77	27.43	-31.20	peak
3	1.6224	54.37	-61.98	-7.61	23.40	-31.01	peak
4	3.5000	52.39	-61.46	-9.07	29.54	-38.61	peak
5	9.8152	51.08	-60.82	-9.74	29.54	-39.28	peak
6	15.3925	51.50	-61.00	-9.50	29.54	-39.04	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

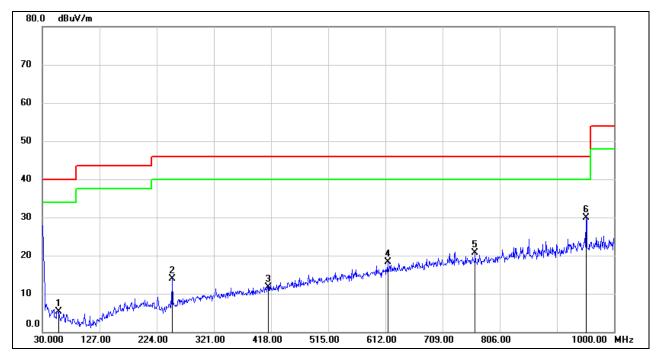
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

Note: All test mode has been tested, only the worst data record in the report.



7.7. SPURIOUS EMISSIONS BELOW 1 GHz





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	58.1300	24.33	-18.94	5.39	40.00	-34.61	QP
2	250.1900	29.59	-15.76	13.83	46.00	-32.17	QP
3	413.1500	23.48	-11.73	11.75	46.00	-34.25	QP
4	615.8800	26.07	-7.73	18.34	46.00	-27.66	QP
5	764.2900	26.05	-5.40	20.65	46.00	-25.35	QP
6	952.4700	32.98	-3.00	29.98	46.00	-16.02	QP

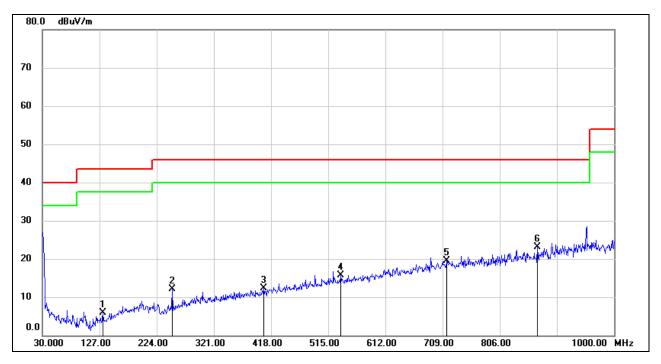
Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	132.8200	25.07	-19.26	5.81	43.50	-37.69	QP
2	250.1900	27.90	-15.76	12.14	46.00	-33.86	QP
3	405.3900	24.26	-11.91	12.35	46.00	-33.65	QP
4	536.3400	25.08	-9.29	15.79	46.00	-30.21	QP
5	715.7900	25.36	-5.85	19.51	46.00	-26.49	QP
6	870.0200	27.13	-4.10	23.03	46.00	-22.97	QP

Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

Note: All test mode has been tested, only the worst data record in the report.



8. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

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 shall be considered sufficient to comply with the provisions of this section. 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.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

<u>RESULTS</u>

Complies

END OF REPORT