

CFR 47 FCC PART 15 SUBPART C

TEST REPORT

For

FLEX 2.0 Compact Folding Drone with HD Camera/SWITCH / Morph+ / Snap2.0

MODEL NUMBER: CT-6168R

FCC ID: 2ASK3CT-6168R

REPORT NUMBER: 4789468201.1-4

ISSUE DATE: May 27, 2020

Prepared for

AMAX INDUSTRIAL GROUP CHINA CO.,LTD OFFICE NO.3 10/F WITTY COMMERCIAL BUILDING 1A-1L TUNG CHOI STREET MONGKOK KOWLOON HONG KONG

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	05/27/2020	Initial Issue	



Summary of Test Results				
Clause	Test Items	FCC Rules	Test Results	
1	20dB Bandwidth and 99% Occupied Bandwidth	CFR 47 FCC §15.215 (c)	Pass	
2	Radiated Emission	CFR 47 FCC §15.249 (a)(d)(e) CFR 47 FCC §15.205 and §15.209	Pass	
3	Conducted Emission Test For AC Power Port	FCC Part 15.207	Not Applicable	
4	Antenna Requirement	CFR 47 FCC §15.203	Pass	
Note: 1. This test report is only published to and used by the applicant, and it is not for evidence purpose in China. 2. The measurement result for the sample received is <pass> according to < CFR 47 FCC PART 15 SUBPART C> when <accuracy method=""> decision rule is applied. 3. The EUT only employ battery power for operation and which do not operate</accuracy></pass>				

3. The EUT only employ battery power for operation and which do not operate from the AC power lines.



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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Address:	AMAX INDUSTRIAL GROUP CHINA CO.,LTD OFFICE NO.3 10/F WITTY COMMERCIAL BUILDING 1A-1L TUNG CHOI STREET MONGKOK KOWLOON HONG KONG
Manufacturer Information Company Name: Address:	AMAX INDUSTRIAL GROUP CHINA CO.,LTD OFFICE NO.3 10/F WITTY COMMERCIAL BUILDING 1A-1L TUNG CHOI STREET MONGKOK KOWLOON HONG KONG
EUT Description	
EUT Name:	FLEX 2.0 Compact Folding Drone with HD Camera/SWITCH / Morph+ / Snap2.0
Model:	CT-6168, 1422629, NV-3850, NV-3851, OA-6119, 1372095
Sample Status:	Normal
Sample ID:	3051860
Sample Received Date:	April 24, 2020
Date of Tested:	April 25, 2020~ May 25, 2020

APPLICABLE STANDARDS STANDARD TEST RESULTS CFR 47 FCC PART 15 SUBPART C PASS

Prepared By:

Buch Jon

Checked By:

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Shawn Wen Laboratory Leader

Denny Huang Project Engineer

Approved By:

ephentus

Stephen Guo Laboratory Manager



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 C63.10-2013.

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.
Accreditation Certificate	 Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. 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 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: 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

Note:

- 1. 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-18GHz)	
(1GHz to 26GHz) (include Fundamental emission)	5.23dB (18GHz-26GHz)	
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

Equipment	FLEX 2.0 Compact Folding Drone with HD Camera/SWITCH / Morph+ / Snap2.0		
EUT Description	The EUT is a toy plane with wireless remote.		
Model Name	CT-6168, 1422629, NV-3850, NV-3851, OA-6119, 1372095		
Model difference	All the same except for the model name and color.		
Operation frequency	2439MHz ~ 2474MHz		
Modulation	GFSK		
Battery	DC 3.7V		

5.2. MAXIMUM FIELD STRENGTH

Frequency (MHz)	Channel Number	Max Peak field strength (dBµV/m)
2457	2[3]	79.44

5.3. CHANNEL LIST

	EUT support channel						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2439	4	/	/	/	/	/
2	2457	5	/	/	/	/	/
3	2474	6	/	/	/	/	/

5.4. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna No. Frequency (MHz)		Antenna Type	Max Antenna Gain (dBi)
1	2439~ 2474	Wire Antenna	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(Low Channel), CH 2(MID Channel), CH 3(High Channel)	2439MHz, 2457MHz, 2474MHz

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5.6. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2439 MHz ~ 2474 MHz Band				
Test Software Version		/		
Modulation Type	Transmit Antenna Number	Test Channel		
		CH1	CH2	CH3
GFSK	1	Default	Default	Default

5.7. TEST ENVIRONMENT

Environment Parameter	Selected Va	alues During Tests	
Relative Humidity	55 ~ 65%		
Atmospheric Pressure:	1	1025Pa	
Temperature	TN	22 ~ 28°C	
	VL	/	
Voltage:	VN	DC 3.7V	
	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
/	/	/	/	/

I/O CABLES

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

ACCESSORY

Item	Equipment	Mfr/Brand	Model/Type No.	Specification	Series No.
/	/	/	/	/	/

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

		R	adia	ted Emis	sions			
				nstrumen	ıt			
Used	Equipment	Manufacturer	Model No.		Seria	al No.	Last Cal.	Next Cal.
	MXE EMI Receiver	KESIGHT	N	9038A	MY564	400036	Dec. 6, 2019	Dec. 6, 2020
V	Hybrid Log Periodic Antenna	TDK	HLF	P-3003C	130	959	Sept.17, 2018	Sept.17,2021
\checkmark	Preamplifier	HP	8	447D	2944A	09099	Dec. 5, 2019	Dec. 5, 2020
\checkmark	EMI Measurement Receiver	R&S	E	SR26	101	377	Dec. 05, 2019	Dec.05, 2020
\checkmark	Horn Antenna	TDK	HR	N-0118	130	939	Sept. 17, 2018	Sept.17,2021
V	Preamplifier	TDK	PA-	02-0118	_	-305- 067	Dec. 05, 2019	Dec.05, 2020
\checkmark	Loop antenna	Schwarzbeck	1	519B	00	800	Jan.17, 2019	Jan.17, 2022
V	Preamplifier	TDK		02-001- 3000		-302- 050	Dec. 05, 2019	Dec.05, 2020
V	High Gain Horn Antenna	Schwarzbeck	BBH	HA-9170	6	91	Aug.11,2018	Aug.11,2021
V	Preamplifier	TDK	P/	4-02-2	-	-307- 003	Dec. 05, 2019	Dec.05, 2020
				Software				
Used	Descr	ription		Manufa	cturer		Name	Version
V	Test Software distur			Fara	ad EZ-EMC		Ver. UL-3A1	
			Othe	r instrum	nents			
Used	Equipment	Manufacturer		del No.	Seria	al No.	Last Cal.	Next Cal.
V	High Pass Filter	Wi	WHKX10- 2700-3000- 18000-40SS		2	23	Dec. 05, 2019	Dec.05, 2020
V	Band Reject Filter	Wainwright	235 24	18000-40SS WRCJV8- 2350-2400- 2483.5- 2533.5-40SS		4	Dec. 05, 2019	Dec.05, 2020



6. ANTENNA PORT TEST RESULTS

6.1. ON TIME AND DUTY CYCLE

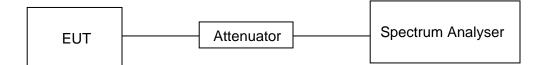
LIMITS

None; for reporting purposes only

PROCEDURE

KDB 558074 Zero-Span Spectrum Analyzer Method

TEST SETUP



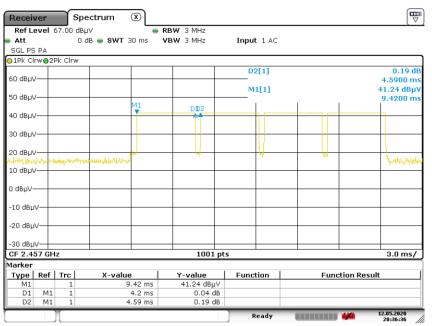
TEST ENVIRONMENT

Temperature	23.2°C	Relative Humidity	55%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.7V

RESULTS

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (db)
GFSK	33.60	100	0.336	33.60	-9.47

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



ON TIME AND DUTY CYCLE MID CH PLOT

Date: 12.MAY.2020 20:36:37



ON TIME AND DUTY CYCLE MID CH PLOT-2

Date: 12.MAY.2020 20:34:36

Note: All the modes 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

<u>LIMITS</u>

CFR 47 FCC Part15 (15.249) Subpart C RSS-Gen Issue 5				
Section	Test Item	Limit	Frequency Range (MHz)	
CFR 47 FCC §15.215 (c)	20dB Bandwidth	for reporting purposes only	2400-2483.5	
ISED RSS-Gen Clause 6.7 Issue 5	99% Occupied Bandwidth	For reporting purposes only.	2400-2483.5	

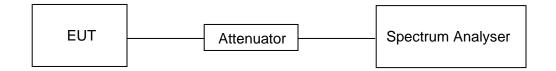
TEST PROCEDURE

Connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The center 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 6 dB/99% relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

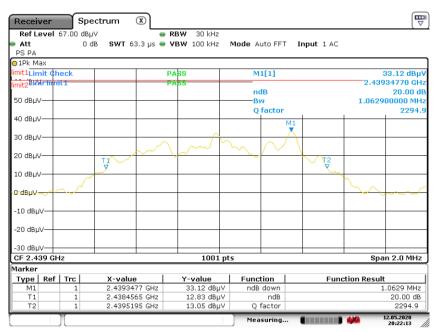
Temperature	23.2°C	Relative Humidity	55%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.7V

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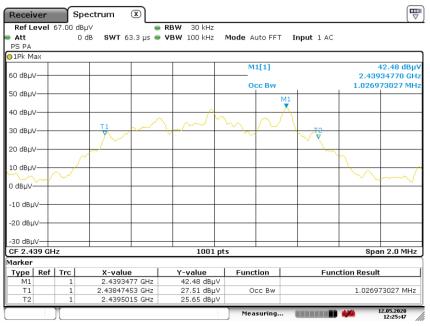
Frequency (MHz)	20dB bandwidth (MHz)	99% bandwidth (MHz)	Result
2439	1.0629	1.0270	PASS

20 dB BANDWIDTH LOW CH



Date: 12.MAY.2020 20:22:13

99% OCCUPIED BANDWIDTH LOW CH



Date: 12.MAY.2020 12:25:47

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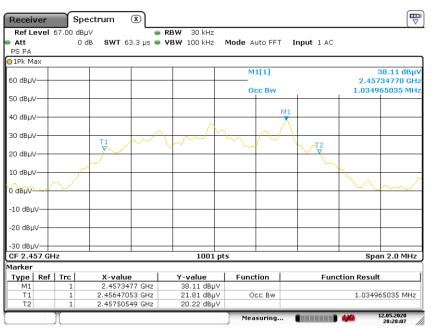


Frequency	20dB bandwidth	99% bandwidth	Result
(MHz)	(MHz)	(MHz)	
2457	1.0609	1.0350	PASS

	2	0 dB I	BANDWIE	DTH MID	СН	_
Receiver	Spectrum	×				(U
Ref Level 67.00	dBµ∨		RBW 30 kHz			· · · · · · · · · · · · · · · · · · ·
Att	0 dB SWT 6	3.3 µs 👄 '	VBW 100 kHz	Mode Auto FFT	Input 1 AC	
PS PA					•	
)1Pk Max						
mit1Limit Check		P	ASS	M1[1]		41.16 dBµ
nit2 Purve mrnt 1		P	455			2.45734570 GH
				ndB		20.00 d
50 dBµV				Bw	1	1.060900000 MH
10 dBuV				Q factor ^M	(I I I I I I I I I I I I I I I I I I I	2316.
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-30 dBµV						
CF 2.457 GHz			1001 pt	s		Span 2.0 MHz
larker						
Type Ref Trc	X-value		Y-value	Function	Func	tion Result
M1 1	2.45734		41.16 dBµV	ndB down		1.0609 MHz
T1 1	2.45645		21.26 dBµV	ndB		20.00 dB
T2 1	2.45751	95 GHZ	21.06 dBµV	Q factor		2316.2
				Measuring		12.05.2020 20:32:56

Date: 12.MAY.2020 20:32:56

99% OCCUPIED BANDWIDTH MID CH

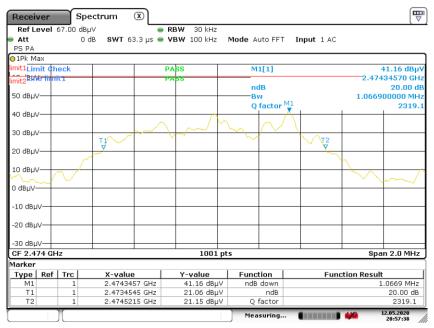


Date: 12.MAY.2020 20:28:07



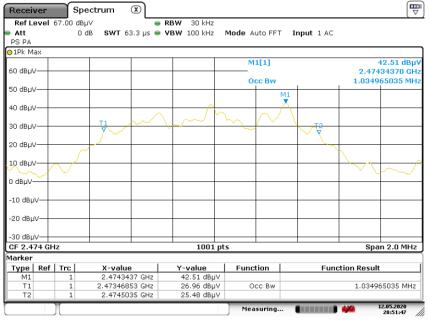
Frequency	20dB bandwidth	99% bandwidth	Result
(MHz)	(MHz)	(MHz)	
2474	1.0669	1.0350	PASS

20 dB BANDWIDTH HIG CH



Date: 12.MAY.2020 20:57:38





Date: 12.MAY.2020 20:51:47

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7. RADIATED TEST RESULTS

7.1. LIMITS AND PROCEDURE

<u>LIMITS</u>

CFR 47 FCC §15.205 and §15.209

CFR 47 FCC §15.249 (a)(d)(c)(e)

ISED RSS-210 Issue 10 Annex B B.10

RSS-GEN Clause 8.9

The field strength of emissions from intentional radiators operated within these frequency bands			
Frequency (MHz)	Field strength of Fundamental	Field strength of Harmonics	Distance (m)
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 Stre	ngth Limit n) at 3 m
(MHz)	(uV/m) at 3 m	Quasi	/
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
	300	74	54

FCC 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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ISED General field strength limits at frequencies below 30 MHz

Table 6 – General field strength limits at frequencies below 30 MHz		
Frequency	Magnetic field strength (H-Field) (µA/m)	Measurement distance (m)
9 - 490 kHz ^{Note 1}	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

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

IHz	MHz	GHz
090 - 0.110	149.9 - 150.05	9.0 - 9.2
495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
020 - 3.026	162.0125 - 167.17	13.25 - 13.4
.125 - 4.128	167.72 - 173.2	14.47 - 14.5
.17725 - 4.17775	240 - 285	15.35 - 16.2
.20725 - 4.20775	322 - 335.4	17.7 - 21.4
.677 - 5.683	399.9 - 410	22.01 - 23.12
.215 - 6.218	608 · 614	23.6 - 24.0
26775 - 6.26825	990 - 1427	31.2 • 31.8
31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
291 - 8.294	1645.5 - 1646.5	Above 38.6
362 - 8.366	1660 - 171D	
17625 - 8.38675	1718.8 - 1722.2	
41425 - 8.41475	2200 - 2300	
.29 - 12.293	2310 - 2390	
2.51975 - 12.52025	2483.5 - 2500	
2.57675 - 12.57725	2655 - 2900	
3.36 - 13.41	3260 - 3267	
3.42 - 16.423	3332 - 3339	
3.69475 - 16.69525	3345.8 - 3358	
8.80425 - 16.80475	3500 - 4400	
5 - 25.67	4500 - 5150	
.5 - 38.25	5350 - 5460	
3 - 74.6	7250 - 7750	
.8 = 75.2	8025 - 8500	

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:

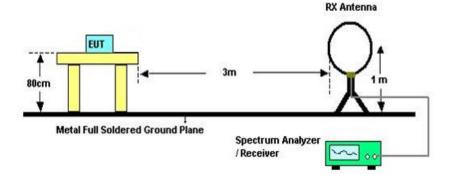
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	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	156.7-156.9	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



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, Face-on and Face-off polarizations of the antenna are set to make the measurement.

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

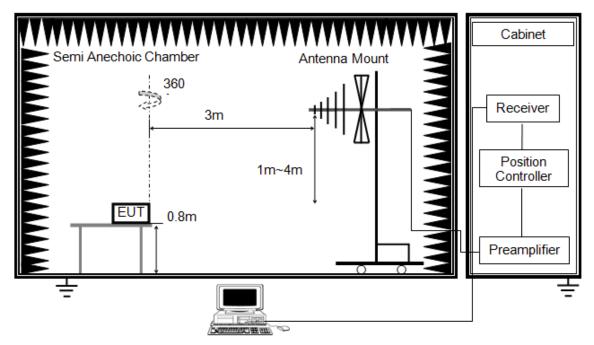
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

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 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

6. Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open field site. Therefore, the 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.



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.

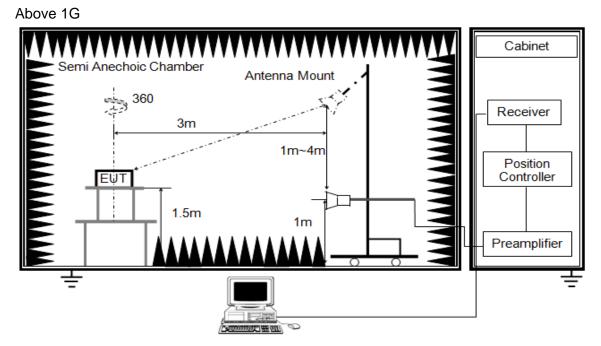
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations 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. 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





The setting of the spectrum analyser

RBW	1M
	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 or band reject 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.

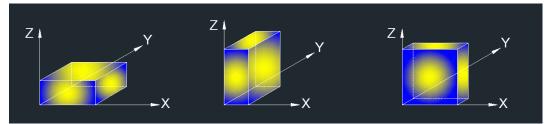
3. The EUT was placed on a turntable with 1.5m above ground.

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 measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements. Where necessary, average emission are determined by applying the Duty Cycle Correction Factor to the peak measurements. 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.

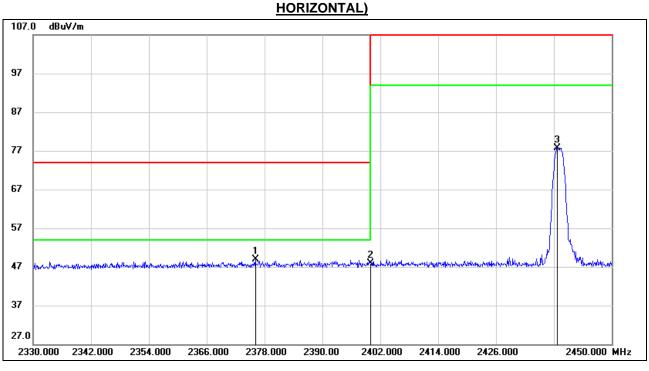
TEST ENVIRONMENT

Temperature	23.2°C	Relative Humidity	55%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.7V



7.2. RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS

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



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2376.080	16.02	32.90	48.92	74.00	-25.08	peak
2	2400.000	14.89	32.98	47.87	74.00	-26.13	peak
3	2438.720	44.49	33.26	77.75	114.00	-36.25	peak

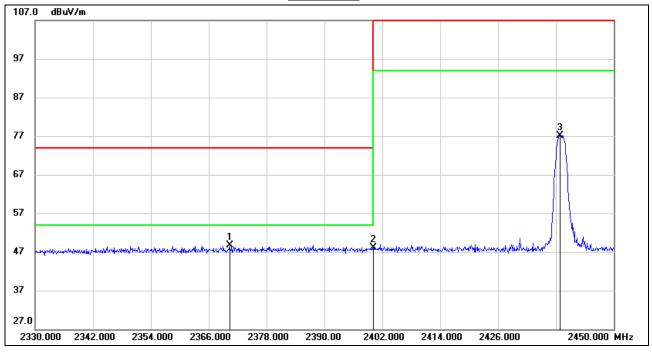
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



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	2370.320	15.92	32.88	48.80	74.00	-25.20	peak
2	2400.000	15.07	32.98	48.05	74.00	-25.95	peak
3	2438.840	43.87	33.26	77.13	114.00	-36.87	peak

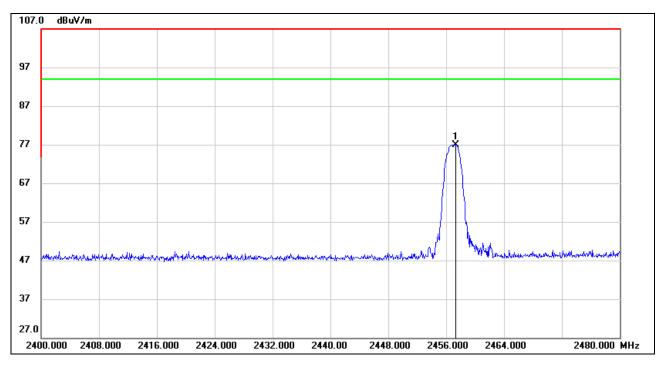
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2457.360	43.58	33.39	76.97	114.00	-37.03	peak

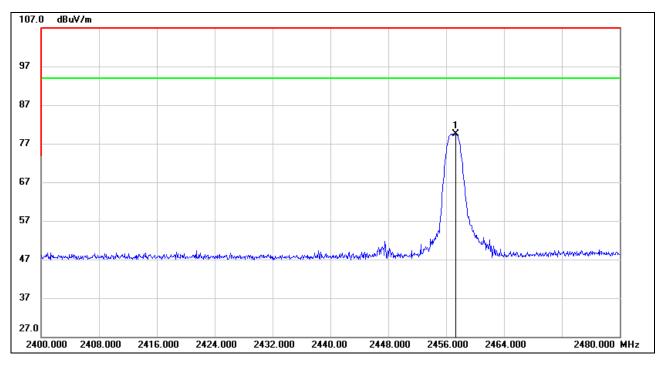
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



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	2457.360	46.05	33.39	79.44	114.00	-34.56	peak

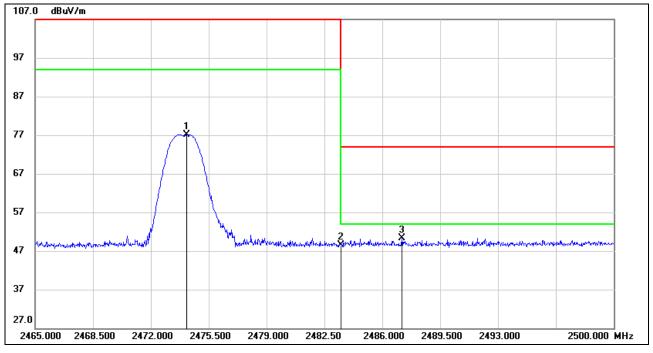
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



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	2474.170	43.55	33.51	77.06	114.00	-36.94	peak
2	2483.500	15.02	33.58	48.60	74.00	-25.40	peak
3	2487.190	16.74	33.61	50.35	74.00	-23.65	peak

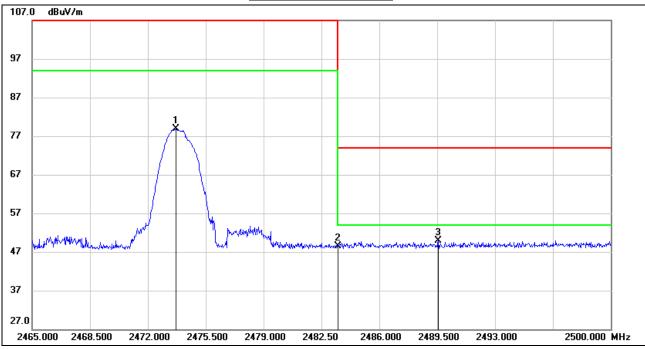
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



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	2473.715	45.30	33.51	78.81	114.00	-35.19	peak
2	2483.500	14.98	33.58	48.56	74.00	-25.44	peak
3	2489.570	16.37	33.62	49.99	74.00	-24.01	peak

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

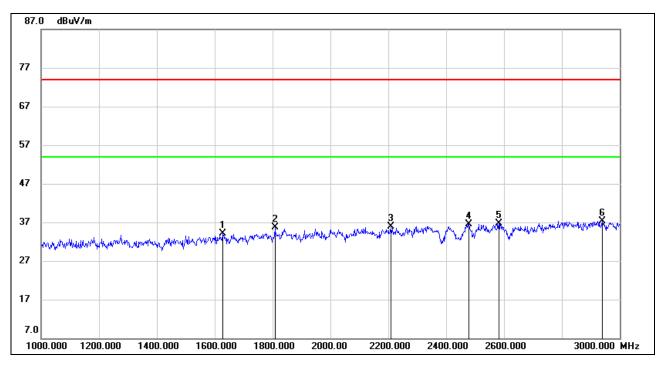
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.



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	1628.000	45.31	-11.25	34.06	74.00	-39.94	peak
2	1808.000	45.70	-9.92	35.78	74.00	-38.22	peak
3	2210.000	44.56	-8.62	35.94	74.00	-38.06	peak
4	2478.000	43.92	-7.32	36.60	74.00	-37.40	peak
5	2582.000	44.34	-7.60	36.74	74.00	-37.26	peak
6	2940.000	42.80	-5.44	37.36	74.00	-36.64	peak

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

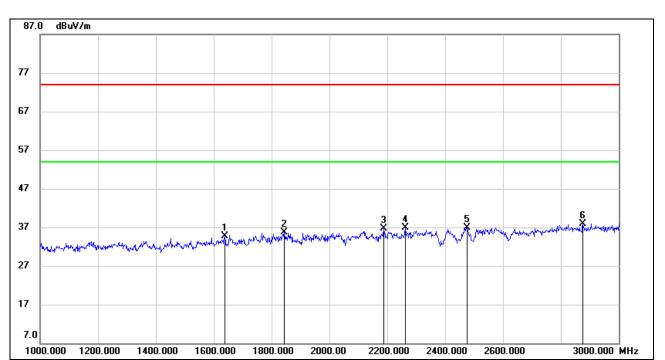
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in then spurious frequency bands and the

authorized band was not corrected for Band Reject Filter losses.





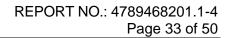
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1638.000	45.89	-11.21	34.68	74.00	-39.32	peak
2	1844.000	45.61	-9.93	35.68	74.00	-38.32	peak
3	2188.000	45.35	-8.72	36.63	74.00	-37.37	peak
4	2262.000	45.19	-8.37	36.82	74.00	-37.18	peak
5	2476.000	44.28	-7.33	36.95	74.00	-37.05	peak
6	2876.000	43.53	-5.66	37.87	74.00	-36.13	peak

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

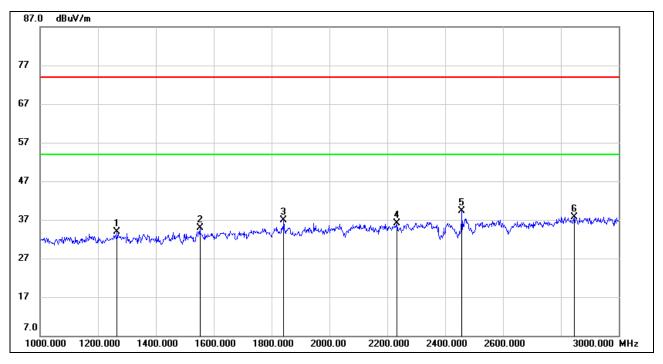
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses







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	1266.000	46.31	-12.46	33.85	74.00	-40.15	peak
2	1552.000	46.68	-11.79	34.89	74.00	-39.11	peak
3	1842.000	46.93	-9.93	37.00	74.00	-37.00	peak
4	2234.000	44.54	-8.51	36.03	74.00	-37.97	peak
5	2457.000	46.81	-7.47	39.34	/	1	fundamental
6	2846.000	43.54	-5.80	37.74	74.00	-36.26	peak

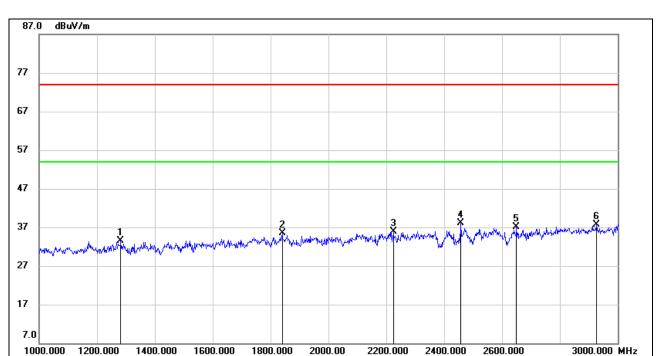
Note: 1. Peak Result = Reading Level + Correct Factor.

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

3. Peak: Peak detector.

4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses





HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)
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No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1282.000	45.86	-12.40	33.46	74.00	-40.54	peak
2	1840.000	45.40	-9.93	35.47	74.00	-38.53	peak
3	2224.000	44.53	-8.55	35.98	74.00	-38.02	peak
4	2457.000	45.50	-7.47	38.03	/	/	fundamental
5	2650.000	44.46	-7.42	37.04	74.00	-36.96	peak
6	2926.000	43.22	-5.47	37.75	74.00	-36.25	peak

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

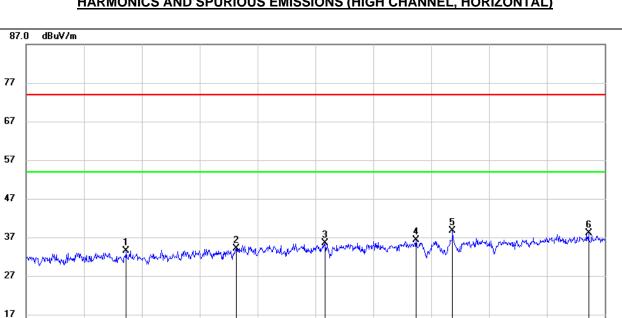
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses



7.0



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

1000.000 1200.000 1400.000 1600.000 1800.000 2000.00 2200.000 2400.000 2600.000 3000.000 MHz	1.0									
	1000.000	1200.000	1400.000	1600.000	1800.000	2000.00	2200.000	2400.000	2600.000	3000.000 MHz

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1346.000	45.86	-12.36	33.50	74.00	-40.50	peak
2	1726.000	44.78	-10.65	34.13	74.00	-39.87	peak
3	2034.000	45.12	-9.59	35.53	74.00	-38.47	peak
4	2348.000	44.27	-8.03	36.24	74.00	-37.76	peak
5	2474.000	46.07	-7.35	38.72	/	/	fundamental
6	2944.000	43.60	-5.42	38.18	74.00	-35.82	peak

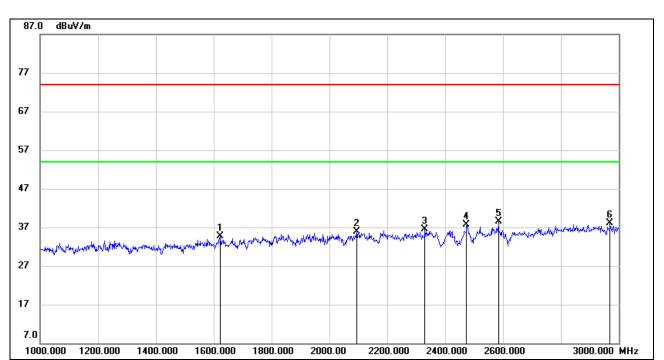
Note: 1. Peak Result = Reading Level + Correct Factor.

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

3. Peak: Peak detector.

4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses





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	1622.000	45.92	-11.29	34.63	74.00	-39.37	peak
2	2094.000	45.02	-9.20	35.82	74.00	-38.18	peak
3	2330.000	44.53	-8.10	36.43	74.00	-37.57	peak
4	2474.000	45.10	-7.35	37.75	/	/	fundamental
5	2584.000	46.21	-7.62	38.59	74.00	-35.41	peak
6	2970.000	43.38	-5.37	38.01	74.00	-35.99	peak

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

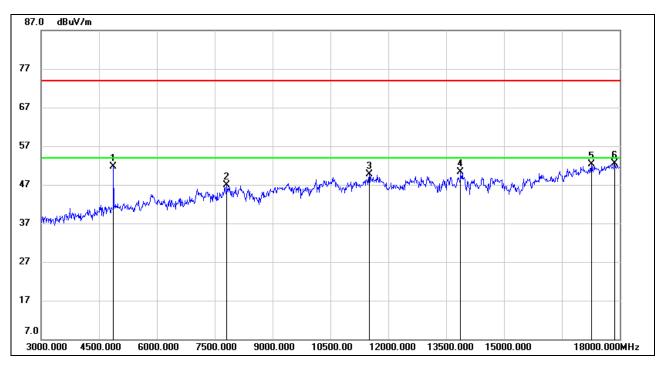
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses

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	4875.000	50.85	0.76	51.61	74.00	-22.39	peak
2	7815.000	39.10	7.83	46.93	74.00	-27.07	peak
3	11505.000	36.19	13.42	49.61	74.00	-24.39	peak
4	13875.000	33.91	16.44	50.35	74.00	-23.65	peak
5	17265.000	30.78	21.46	52.24	74.00	-21.76	peak
6	17865.000	29.27	23.33	52.60	74.00	-21.40	peak

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

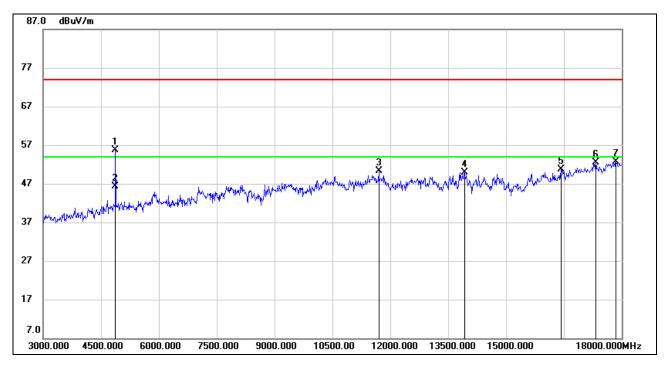
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The High Pass filter loss factor already add into the correct factor.



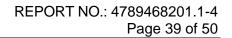
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



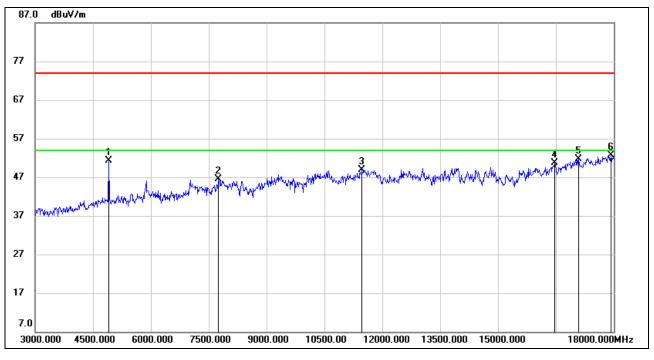
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4875.000	54.94	0.76	55.70	74.00	-18.30	peak
2	4875.000	45.47	0.76	46.23	54.00	-7.77	AVG
3	11700.000	37.33	12.95	50.28	74.00	-23.72	peak
4	13920.000	33.68	16.17	49.85	74.00	-24.15	peak
5	16425.000	31.82	18.88	50.70	74.00	-23.30	peak
6	17325.000	30.92	21.67	52.59	74.00	-21.41	peak
7	17850.000	29.33	23.32	52.65	74.00	-21.35	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 Cycle Correction Factor.
- 5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.
- 6. The High Pass filter loss factor already add into the correct factor.
- 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.







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	4905.000	50.36	0.88	51.24	74.00	-22.76	peak
2	7755.000	39.21	7.29	46.50	74.00	-27.50	peak
3	11475.000	35.59	13.22	48.81	74.00	-25.19	peak
4	16470.000	31.63	19.06	50.69	74.00	-23.31	peak
5	17085.000	31.05	20.60	51.65	74.00	-22.35	peak
6	17925.000	29.34	23.37	52.71	74.00	-21.29	peak

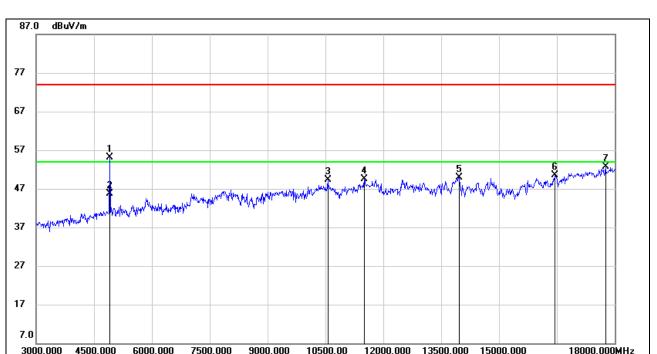
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.

4. The High Pass filter loss factor already add into the correct factor.





HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)

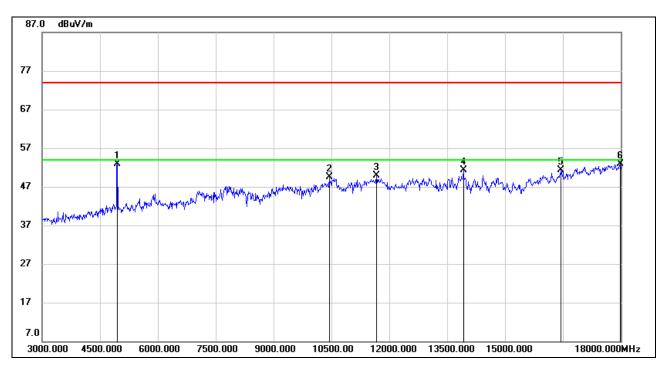
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4905.000	54.23	0.88	55.11	74.00	-18.89	peak
2	4905.000	44.76	0.88	45.64	54.00	-8.36	AVG
3	10560.000	37.55	11.73	49.28	74.00	-24.72	peak
4	11505.000	36.11	13.42	49.53	74.00	-24.47	peak
5	13965.000	33.89	16.09	49.98	74.00	-24.02	peak
6	16455.000	31.52	19.00	50.52	74.00	-23.48	peak
7	17760.000	29.85	22.95	52.80	74.00	-21.20	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 Cycle Correction Factor.
- 5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.
- 6. The High Pass filter loss factor already add into the correct factor.
- 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4950.000	51.72	1.13	52.85	74.00	-21.15	peak
2	10440.000	38.38	11.13	49.51	74.00	-24.49	peak
3	11670.000	36.88	13.01	49.89	74.00	-24.11	peak
4	13920.000	35.09	16.17	51.26	74.00	-22.74	peak
5	16455.000	32.32	19.00	51.32	74.00	-22.68	peak
6	17985.000	29.52	23.44	52.96	74.00	-21.04	peak

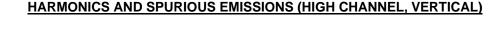
Note: 1. Measurement = Reading Level + Correct Factor.

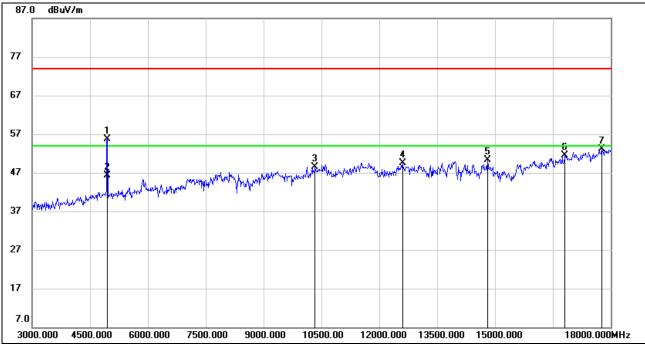
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. The High Pass 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	54.57	1.13	55.70	74.00	-18.30	peak
2	4950.000	45.10	1.13	46.23	54.00	-7.77	AVG
3	10335.000	37.52	11.04	48.56	74.00	-25.44	peak
4	12600.000	35.59	13.99	49.58	74.00	-24.42	peak
5	14805.000	34.47	15.92	50.39	74.00	-23.61	peak
6	16815.000	31.64	19.96	51.60	74.00	-22.40	peak
7	17760.000	30.22	22.95	53.17	74.00	-20.83	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 Cycle Correction Factor.

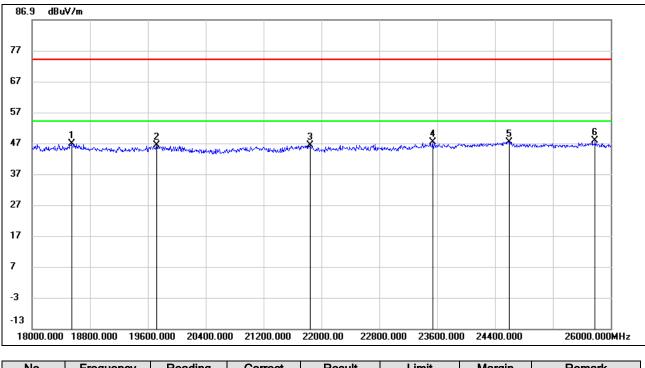
5. For the Duty Cycle and Correction Factor, please refer to clause 6.1.

6. The High Pass filter loss factor already add into the correct factor.



7.5. SPURIOUS EMISSIONS (18~26GHz)

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18544.000	51.26	-4.46	46.80	74.00	-27.20	peak
2	19720.000	50.58	-4.39	46.19	74.00	-27.81	peak
3	21840.000	52.09	-5.93	46.16	74.00	-27.84	peak
4	23536.000	51.96	-4.74	47.22	74.00	-26.78	peak
5	24592.000	49.74	-2.36	47.38	74.00	-26.62	peak
6	25784.000	49.23	-1.49	47.74	74.00	-26.26	peak

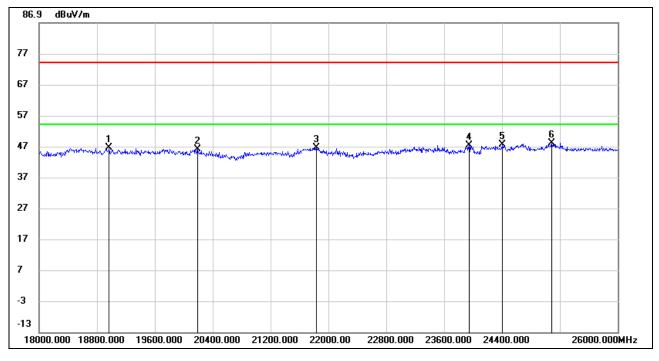
Note: 1. Measurement = Reading Level + Correct Factor.

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 (MID CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18968.000	51.37	-4.89	46.48	74.00	-27.52	peak
2	20192.000	50.87	-4.76	46.11	74.00	-27.89	peak
3	21832.000	52.53	-5.92	46.61	74.00	-27.39	peak
4	23944.000	51.45	-4.14	47.31	74.00	-26.69	peak
5	24400.000	50.64	-2.99	47.65	74.00	-26.35	peak
6	25088.000	49.13	-1.12	48.01	74.00	-25.99	peak

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

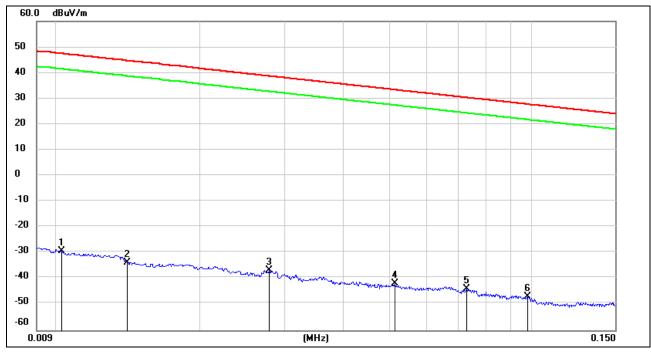
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

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

7.6. SPURIOUS EMISSIONS BELOW 30MHz

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



<u>9kHz~ 150kHz</u>

No.	Frequency	Reading	Correct	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0102	72.05	-101.40	-29.35	47.43	-76.78	peak
2	0.0140	67.75	-101.38	-33.63	44.68	-78.31	peak
3	0.0279	64.67	-101.38	-36.71	38.69	-75.40	peak
4	0.0514	59.68	-101.48	-41.80	33.38	-75.18	peak
5	0.0728	57.49	-101.58	-44.09	30.36	-74.45	peak
6	0.0981	54.77	-101.78	-47.01	27.77	-74.78	peak

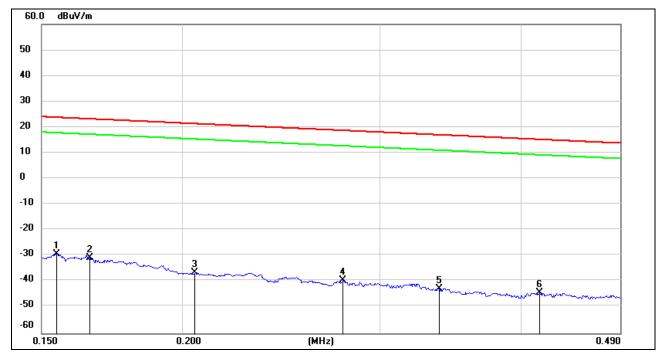
Note: 1. Measurement = Reading Level + Correct Factor.

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	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1547	72.31	-101.65	-29.34	23.81	-53.15	peak
2	0.1655	70.83	-101.66	-30.83	23.23	-54.06	peak
3	0.2053	65.29	-101.73	-36.44	21.35	-57.79	peak
4	0.2782	62.29	-101.83	-39.54	18.71	-58.25	peak
5	0.3382	59.23	-101.90	-42.67	17.02	-59.69	peak
6	0.4158	57.69	-101.98	-44.29	15.22	-59.51	peak

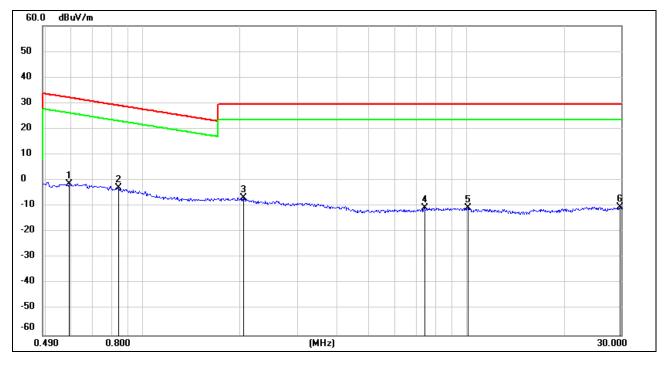
Note: 1. Measurement = Reading Level + Correct Factor.

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	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5917	60.74	-62.08	-1.34	32.16	-33.50	peak
2	0.8400	59.21	-62.17	-2.96	29.12	-32.08	peak
3	2.0430	54.95	-61.82	-6.87	29.54	-36.41	peak
4	7.4249	50.45	-61.15	-10.70	29.54	-40.24	peak
5	10.1102	50.03	-60.80	-10.77	29.54	-40.31	peak
6	29.7637	49.75	-59.99	-10.24	29.54	-39.78	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.

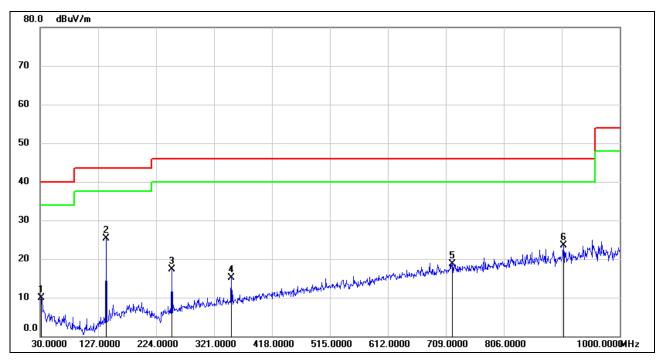
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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



7.7. SPURIOUS EMISSIONS BELOW 1GHz AND ABOVE 30MHz

SPURIOUS EMISSIONS (MID CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	31.9400	27.02	-17.05	9.97	40.00	-30.03	QP
2	140.5800	44.24	-18.94	25.30	43.50	-18.20	QP
3	250.1900	33.56	-16.34	17.22	46.00	-28.78	QP
4	350.1000	28.60	-13.52	15.08	46.00	-30.92	QP
5	719.6700	25.12	-6.45	18.67	46.00	-27.33	QP
6	905.9100	27.72	-4.16	23.56	46.00	-22.44	QP

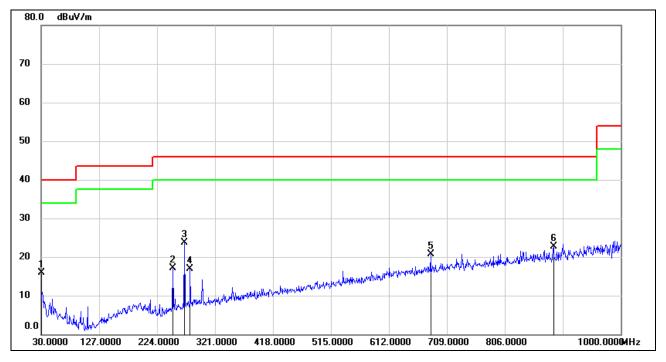
Note: 1. Result Level = Read Level + Correct Factor.

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 (MID CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.0000	33.14	-17.24	15.90	40.00	-24.10	QP
2	250.1900	33.47	-16.34	17.13	46.00	-28.87	QP
3	269.5900	39.36	-15.64	23.72	46.00	-22.28	QP
4	279.2900	32.09	-15.18	16.91	46.00	-29.09	QP
5	681.8400	28.05	-7.34	20.71	46.00	-25.29	QP
6	887.4800	27.02	-4.36	22.66	46.00	-23.34	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 modes had 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.

RESULTS

Complies

END OF REPORT