



CFR 47 FCC PART 15 SUBPART C

TEST REPORT

For

VA-1000 HD STREAMING VIDEO DRONE

MODEL NUMBER: VL-6267, OA-6286, OA-6287

FCC ID: 2ASK3VL-6267TN

REPORT NUMBER: 4790134996.2-1

ISSUE DATE: November 5, 2021

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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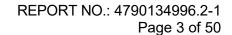
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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	11/5/2021	Initial Issue	<u></u>





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 (Note 3)		
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.

Note 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.

Note 3: The EUT was power by battery but can't be charged.



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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: AMAX INDUSTRIAL GROUP CHINA CO.,LTD

Address: OFFICE NO.3 10/F WITTY COMMERCIAL BUILDING 1A-1L

TUNG CHOI STREET MONGKOK KOWLOON HONG KONG

Manufacturer Information

Company Name: AMAX INDUSTRIAL GROUP CHINA CO.,LTD

Address: OFFICE NO.3 10/F WITTY COMMERCIAL BUILDING 1A-1L

TUNG CHOI STREET MONGKOK KOWLOON HONG KONG

EUT Information

Laboratory Manager

EUT Name: VA-1000 HD STREAMING VIDEO DRONE

Model: VL-6267, OA-6286, OA-6287

Serial Model: Please refer to clause 5.1. Description of EUT

Sample Received Date: October 11, 2021

Sample Status: Normal Sample ID: 4294845

Date of Tested: October 11, 2021 ~ November 4, 2021

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

011(4)10017((110)		17.00
Prepared By:	Checked B	y:
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Denny Huang Project Engineer	Shawn Wen Laboratory	
Approved By:		
Lephenson		
Stephen Guo		

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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 C63.10-2013.

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.
	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)
A 121 12	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Accreditation	has been registered and fully described in a report filed with ISED. The
Certificate	Company Number is 21320 and the test lab Conformity Assessment Body
Identifier (CABID) is	Identifier (CABID) is CN0046.
	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
	Children 1 Con Con Togler and T Vo. 15 C 200 12 and T 200 1

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
- 2. 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.



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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	3.62 dB
Radiation Emission test (include Fundamental emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiation Emission test (include Fundamental emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiation Emission test	5.78 dB (1 GHz ~ 18 GHz)
(1 GHz ~ 26 GHz) (include Fundamental emission)	5.23 dB (18 GHz ~ 26 GHz)

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	VA-1000 HD STREAMING VIDEO DRONE		
Model	VL-6267, OA-6286, OA-6287		
Model difference	OA-6286/OA-6287 have the same technical construction including circuit diagram, PCB Layout, components and component layout, all electrical construction and mechanical construction with VL-6267. The difference lies only the model number and color.		
D 1 (D : "	Operation Frequency	2468 MHz ~ 2480 MHz	
Product Description	Modulation Type GFSK		
Power Supply	DC 4.5 V		

5.2. MAXIMUM FIELD STRENGTH

Frequency (MHz)	Channel Number	Max Peak field strength (dBµV/m)
2480	13[13]	87.38

5.3. CHANNEL LIST

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2468	5	2472	9	2476	13	2480
2	2469	6	2473	10	2477	/	/
3	2470	7	2474	11	2478	/	/
4	2471	8	2475	12	2479	1	/



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5.4. DESCRIPTION OF AVAILABLE ANTENNAS

Ant.	Frequency (MHz)	Antenna Type	Antenna Gain (dBi)
1	2468 ~ 2480	Wire antenna	2

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

Note: The antenna gain is provided by customer.

5.5. TEST CHANNEL CONFIGURATION

Test Mode	Test Channel	Frequency
GFSK	CH 1(Low Channel), CH 7(MID Channel), CH 14(High Channel)	2468 MHz, 2474 MHz, 2480 MHz

5.6. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2468 MHz ~ 2480 MHz Band				
Test Software Version /				
Modulation Type Transmit Antenna		Test Channel		
Modulation Type	Number	CH 1	CH 7	CH 13
GFSK	1	Default	Default	Default

5.7. TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests		
Relative Humidity	55	5 ~ 65 %	
Atmospheric Pressure:	1025 Pa		
Temperature	TN	22 ~ 28 °C	
	VL	/	
Voltage:	VN	DC 4.5 V	
	VH	/	

Note: VL= Lower Extreme Test Voltage

VN= Nominal Voltage

VH= Upper Extreme Test Voltage

TN= Normal Temperature



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5.8. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

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

I/O CABLES

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

ACCESSORY

Item	Equipment	Mfr/Brand	Model/Type No.	Specification	Series No.
1	1	1	1	1	1

TEST SETUP

The EUT have the engineer mode inside.

SETUP DIAGRAM FOR TEST

EUT

Note: New battery was used during all tests.

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5.9. MEASURING INSTRUMENT AND SOFTWARE USED

	Radiated Emissions							
			In	strument				
Used	Equipment	Manufacturer	Mod	el No.	Seria	al No.	Last Cal.	Next Cal.
V	MXE EMI Receiver	KESIGHT	N90)38A	MY564	100036	Nov. 12, 2020	Nov. 11, 2021
V	Hybrid Log Periodic Antenna	TDK	HLP-	3003C	130	960	Aug. 2, 2021	Aug. 2, 2023
V	Preamplifier	HP	84	47D	2944A	.09099	Nov. 12, 2020	Nov. 11, 2021
\	EMI Measurement Receiver	R&S	ES	R26	101	377	Nov. 12, 2020	Nov. 11, 2021
V	Horn Antenna	TDK	HRN	-0118	130	940	July 20, 2021	July 19, 2024
V	Preamplifier	TDK	PA-02-0118			-305- 067	Nov. 20, 2020	Nov. 19, 2021
V	Horn Antenna	Schwarzbeck	BBHA9170		#6	97	Jul. 20, 2021	Jul. 20, 2023
V	Preamplifier	TDK	PA-02-2			-307- 003	Nov. 12, 2020	Nov. 11, 2021
V	Preamplifier	TDK	PA-	02-3		-308- 002	Nov. 12, 2020	Nov. 11, 2021
V	Loop antenna	Schwarzbeck	15	19B	000	800	Jan.17, 2019	Jan.17,2022
V	Preamplifier	TDK	PA-02-0	001-3000		-302- 050	Nov. 12, 2020	Nov. 11, 2021
V	Preamplifier	Mini-Circuits		3LN-S+	SUP01	201941	Nov. 20, 2020	Nov. 19, 2021
V	High Pass Filter	Wi	WHKX10-2700- 3000-18000- 40SS		2	3	Nov. 12, 2020	Nov. 11, 2021
V	Band Reject Filter	Wainwright	WRCJV8-2350- 2400-2483.5- 2533.5-40SS		2	1	Nov. 12, 2020	Nov. 11, 2021
	Software							
Used		escription		Manufa	cturer	1	Name	Version
V		vare for Radiat sturbance	ed	Fara	ad	E	Z-EMC	Ver. UL-3A1

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6. ANTENNA PORT TEST RESULTS

6.1. ON TIME AND DUTY CYCLE

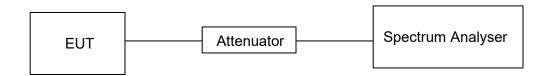
LIMITS

None; for reporting purposes only

PROCEDURE

KDB 558074 Zero-Span Spectrum Analyzer Method

TEST SETUP



TEST ENVIRONMENT

Temperature	26.4 °C	Relative Humidity	57.2 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 4.5 V

RESULTS

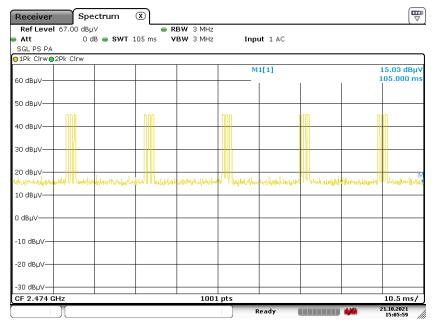
Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (db)
GFSK	7.785	100	0.07785	7.785	-22.17

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

Where: x is Duty Cycle

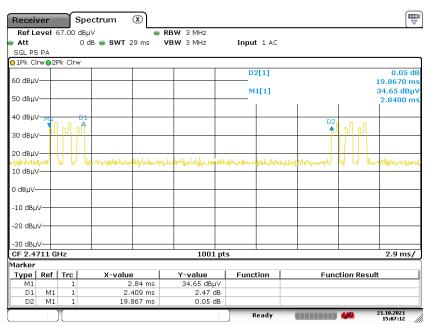


ON TIME AND DUTY CYCLE MID CH PLOT-1



Date: 21.OCT.2021 15:05:59

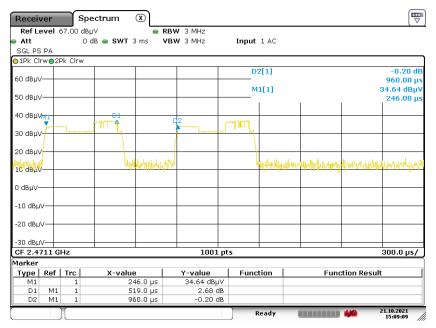
ON TIME AND DUTY CYCLE MID CH PLOT-2



Date: 21.OCT.2021 15:07:12



ON TIME AND DUTY CYCLE MID CH PLOT-3



Date: 21.OCT.2021 15:09:09

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





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 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	

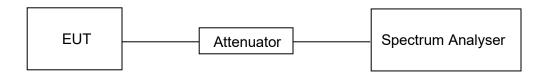
TEST PROCEDURE

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

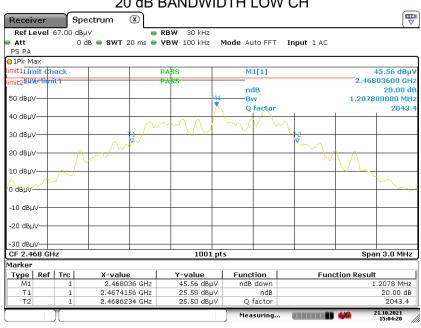
Temperature	26.4 °C	Relative Humidity	57.2 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 4.5 V



RESULTS

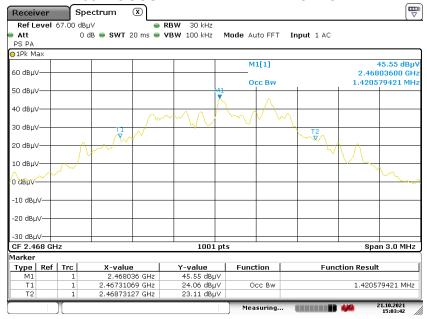
Frequency 20dB bandwidth (MHz)		99% bandwidth (MHz)	Result
2468 1.2078		1.4206	PASS



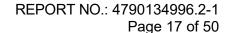


Date: 21.OCT.2021 15:04:19

99% OCCUPIED BANDWIDTH LOW CH



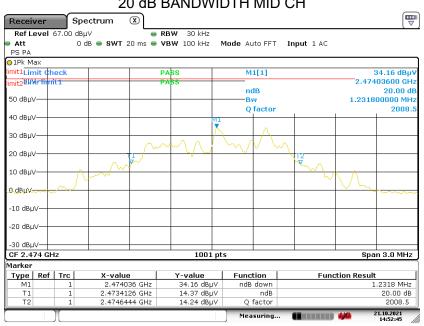
Date: 21.OCT.2021 15:03:42





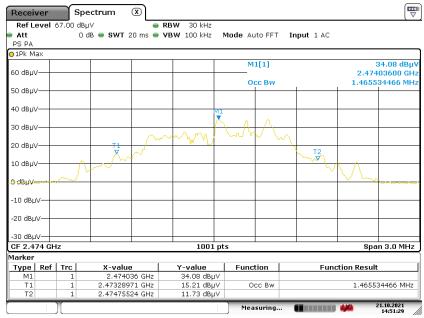
Frequency 20dB bandwidth 99% bandwidth Result (MHz) (MHz) (MHz) **PASS** 2474 1.2318 1.4655

20 dB BANDWIDTH MID CH

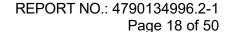


Date: 21.OCT.2021 14:52:45

99% OCCUPIED BANDWIDTH MID CH



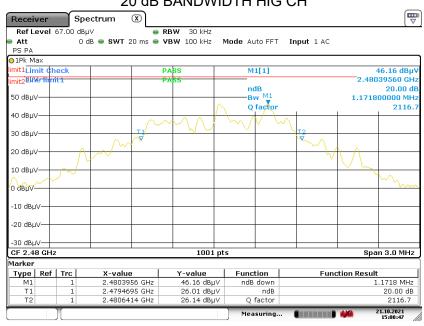
Date: 21.OCT.2021 14:51:29





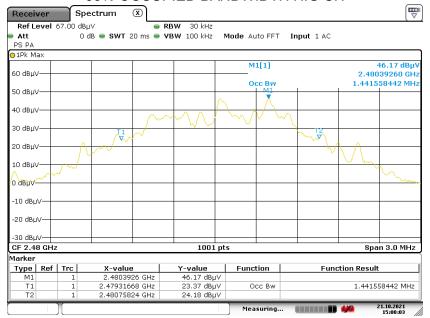
Frequency
(MHz)20dB bandwidth
(MHz)99% bandwidth
(MHz)Result24801.17181.4416PASS

20 dB BANDWIDTH HIG CH



Date: 21.OCT.2021 15:00:47

99% OCCUPIED BANDWIDTH HIG CH



Date: 21.OCT.2021 15:00:04



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)(c)(e)

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	Frequency Range Field Strength Limit		Field Strength Limit			
(MHz)	(uV/m) at 3 m	(dBuV/m) at 3 m				
(1711 12)	(uv/iii) at 3 iii	Quasi-Peak				
30 - 88	100	40				
88 - 216	150	43.5				
216 - 960	200	46				
Above 960	500	54				
Above 1000	500	Peak	Average			
Above 1000	300	74	54			

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



FCC Restricted bands of operation:

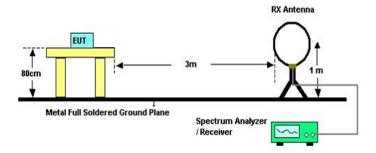
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	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: 1 Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. 2 Above 38.6c



TEST SETUP AND PROCEDURE

Below 30MHz



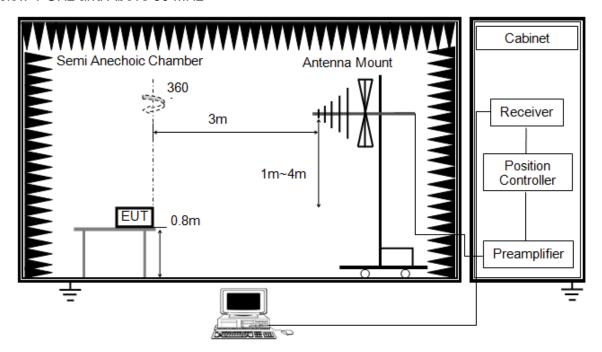
The setting of the spectrum analyser

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
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 80 cm above ground.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m 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 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode remeasured. 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 and average detector and reported.
- 7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m 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 site based on KDB 414788.
- 8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ω . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.



Below 1 GHz and Above 30 MHz



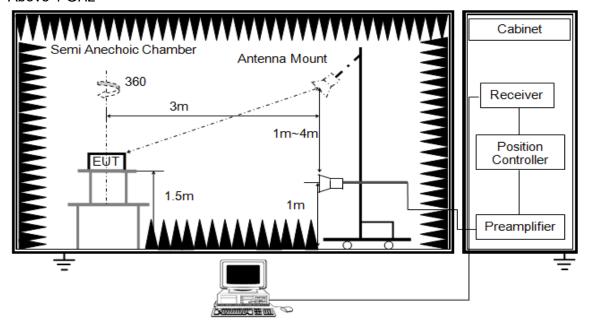
The setting of the spectrum analyser

RBW	120 kHz
VBW	300 kHz
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



Above 1 GHz



The setting of the spectrum analyser. (For Bandedge and Field strength)

RBW	≥ OBW (2 MHz)
IV/RW	PEAK: ≥ 3×RBW AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

The setting of the spectrum analyser. (For Spurious emissions)

RBW	1 MHz
IV/BW/	PEAK: 3 MHz AVG: see note 5
Sweep	Auto
Detector	Peak
Trace	Max hold

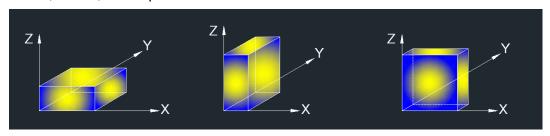
- 1. The testing follows the guidelines in ANSI C63.10-2013.
- 2. The EUT was arranged to its worst case and then tune the antenna tower (1.5 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter or band reject filter are used for the test in order 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 150cm 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.

6. For measurements Bandedge above 1 GHz, the resolution bandwidth is set to 2 MHz, then the video bandwidth is set to $\geq 3 \times RBW$ for peak measurements. This test results are worse than using 1 MHz resolution bandwidth, so if the result is pass, the test is considered to meet the standard requirements.

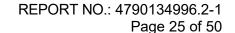
X axis, Y axis, Z axis positions:



Note: 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

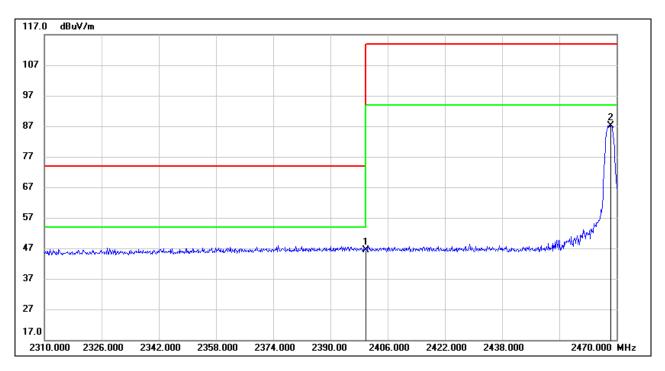
Temperature	25.1 °C	Relative Humidity	52 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 4.5 V





7.2. RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS

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

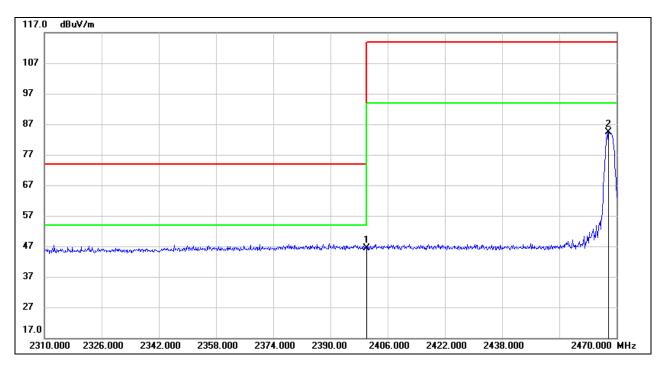


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2400.000	13.72	32.75	46.47	74.00	-27.53	peak
2	2468.400	54.16	33.03	87.19	114.00	-26.81	peak

- 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. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



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

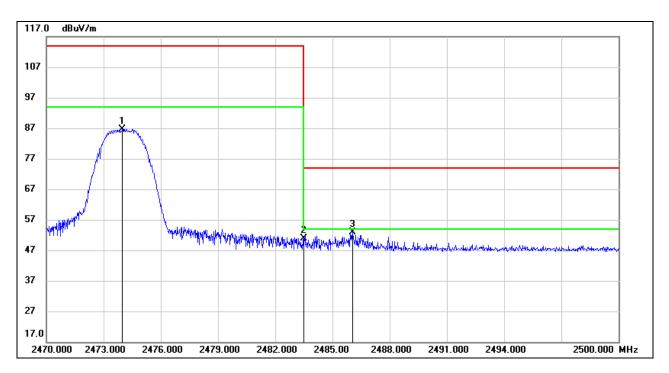


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2400.000	13.75	32.75	46.50	74.00	-27.50	peak
2	2467.760	51.38	33.03	84.41	114.00	-29.59	peak

- 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. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, HORIZONTAL)

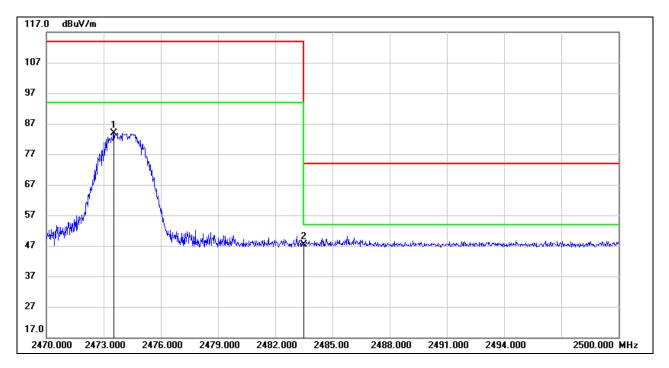


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2473.990	53.60	33.05	86.65	114.00	-27.35	peak
2	2483.500	17.81	33.10	50.91	74.00	-23.09	peak
3	2486.050	19.76	33.10	52.86	74.00	-21.14	peak

- 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. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, VERTICAL)

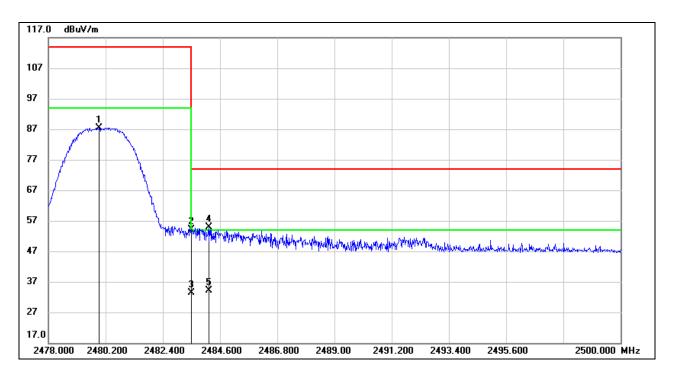


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2473.540	50.89	33.05	83.94	114.00	-30.06	peak
2	2483.500	14.18	33.10	47.28	74.00	-26.72	peak

- 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. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



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

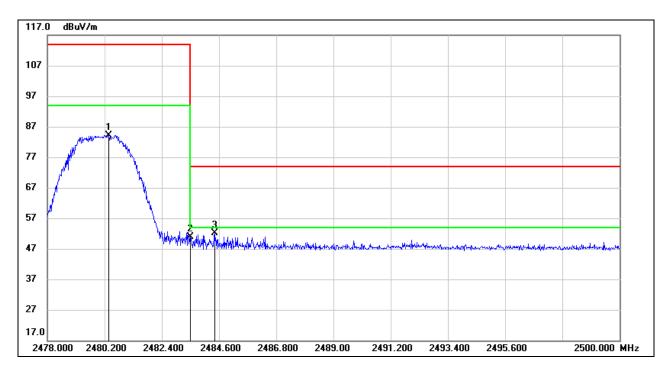


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2479.936	54.30	33.08	87.38	114.00	-26.62	peak
2	2483.500	20.97	33.10	54.07	74.00	-19.93	peak
3	2483.500	0.38	33.10	31.90	54.00	-22.10	AVG
4	2484.160	21.69	33.10	54.79	74.00	-19.21	peak
5	2484.160	1.10	33.10	32.62	54.00	-21.38	AVG

- 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. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



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

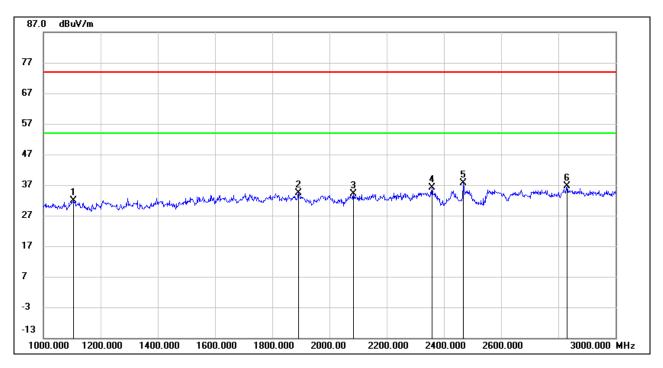


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.354	51.13	33.08	84.21	114.00	-29.79	peak
2	2483.500	17.68	33.10	50.78	74.00	-23.22	peak
3	2484.424	18.93	33.10	52.03	74.00	-21.97	peak

- 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. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

7.3. SPURIOUS EMISSIONS (1 ~ 3 GHz)

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

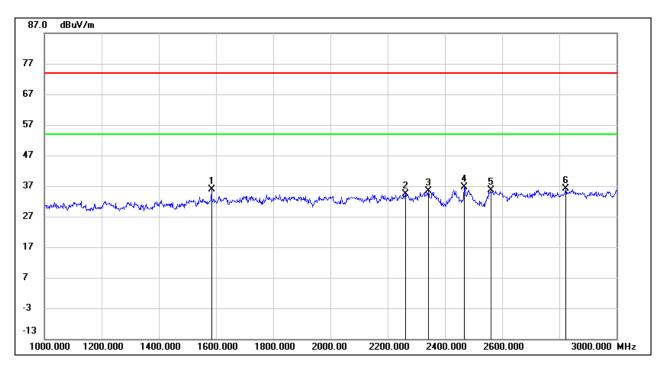


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1104.000	46.31	-14.40	31.91	74.00	-42.09	peak
2	1892.000	45.32	-10.97	34.35	74.00	-39.65	peak
3	2084.000	44.88	-10.64	34.24	74.00	-39.76	peak
4	2358.000	45.27	-9.25	36.02	74.00	-37.98	peak
5	2468.000	46.46	-8.90	37.56	/	/	Fundamental
6	2830.000	44.31	-7.60	36.71	74.00	-37.29	peak

- 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.
- 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

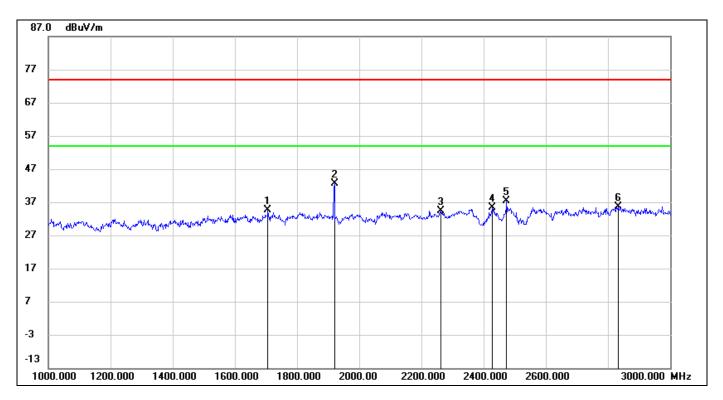


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1584.000	47.95	-12.08	35.87	74.00	-38.13	peak
2	2262.000	43.91	-9.64	34.27	74.00	-39.73	peak
3	2342.000	44.79	-9.31	35.48	74.00	-38.52	peak
4	2468.000	45.65	-8.90	36.75	/	/	Fundamental
5	2560.000	44.43	-8.71	35.72	74.00	-38.28	peak
6	2822.000	43.80	-7.62	36.18	74.00	-37.82	peak

- 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.
- 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)

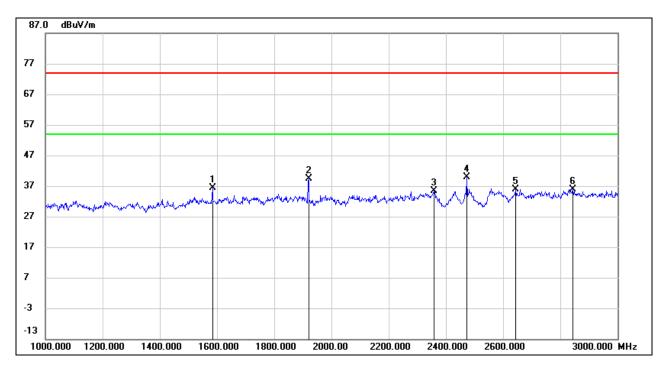


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1706.000	45.96	-11.35	34.61	74.00	-39.39	peak
2	1920.250	53.60	-11.02	42.58	74.00	-31.42	peak
3	2262.750	44.11	-9.64	34.47	74.00	-39.53	peak
4	2428.250	44.30	-9.01	35.29	74.00	-38.71	peak
5	2474.000	46.26	-8.88	37.38	/	/	Fundamental
6	2833.000	43.18	-7.59	35.59	74.00	-38.41	peak

- 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.
- 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)

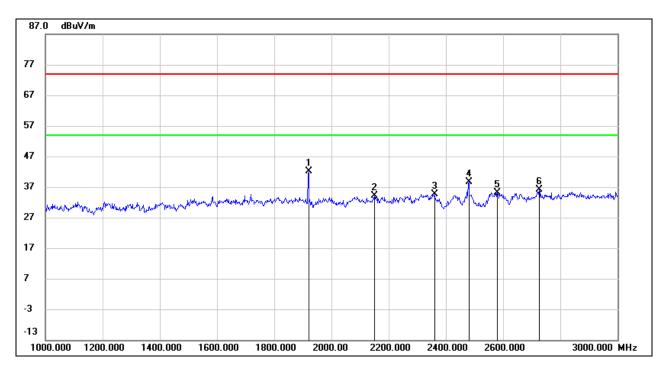


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1584.500	48.42	-12.08	36.34	74.00	-37.66	peak
2	1920.000	50.35	-11.02	39.33	74.00	-34.67	peak
3	2359.500	44.55	-9.24	35.31	74.00	-38.69	peak
4	2474.000	48.71	-8.89	39.82	/	/	Fundamental
5	2645.000	44.33	-8.43	35.90	74.00	-38.10	peak
6	2844.000	43.45	-7.56	35.89	74.00	-38.11	peak

- 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.
- 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

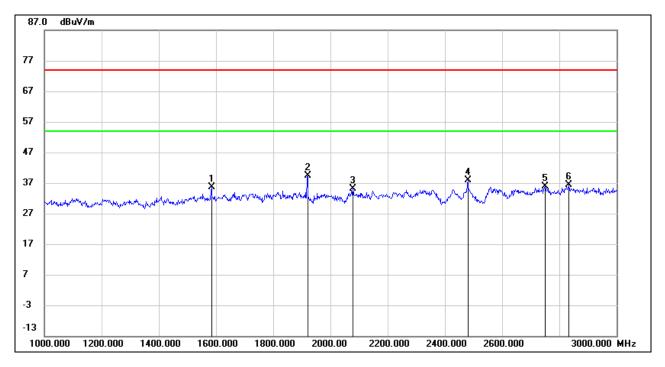


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1920.000	53.27	-11.02	42.25	74.00	-31.75	peak
2	2151.500	44.27	-10.20	34.07	74.00	-39.93	peak
3	2360.750	43.96	-9.23	34.73	74.00	-39.27	peak
4	2480.000	47.41	-8.87	38.54	/	/	Fundamental
5	2581.750	43.77	-8.67	35.10	74.00	-38.90	peak
6	2726.000	44.07	-8.04	36.03	74.00	-37.97	peak

- 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.
- 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



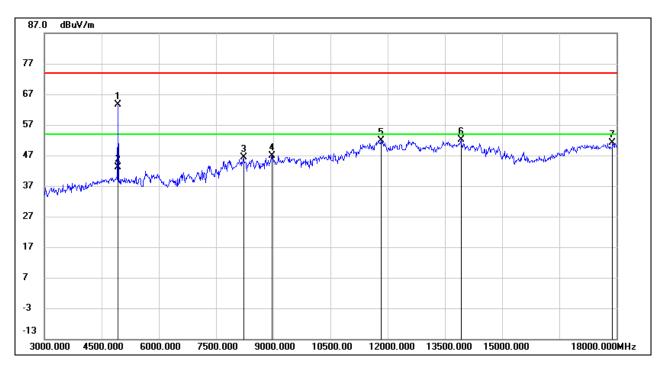
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1584.750	47.74	-12.08	35.66	74.00	-38.34	peak
2	1920.000	50.37	-11.02	39.35	74.00	-34.65	peak
3	2079.750	45.67	-10.66	35.01	74.00	-38.99	peak
4	2480.000	46.72	-8.87	37.85	/	/	Fundamental
5	2750.000	43.70	-7.93	35.77	74.00	-38.23	peak
6	2834.250	43.86	-7.59	36.27	74.00	-37.73	peak

- 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.
- 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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7.4. SPURIOUS EMISSIONS (3 ~ 18 GHz)

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

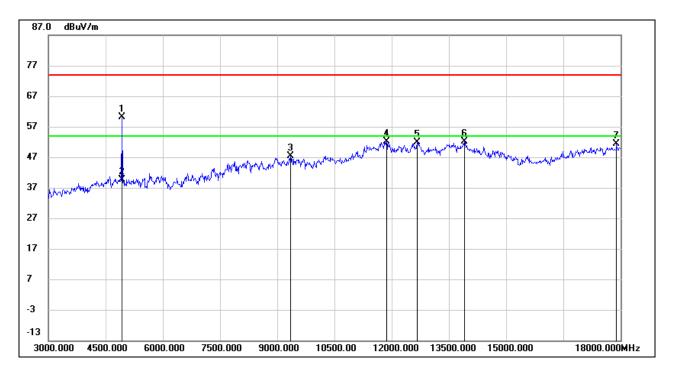


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4936.875	64.19	-0.55	63.64	74.00	-10.36	peak
2	4936.875	/	/	41.47	54.00	-12.53	AVG
3	8220.000	37.68	8.64	46.32	74.00	-27.68	peak
4	8973.750	37.15	9.84	46.99	74.00	-27.01	peak
5	11835.000	34.47	17.29	51.76	74.00	-22.24	peak
6	13925.625	33.53	18.63	52.16	74.00	-21.84	peak
7	17906.250	28.05	23.13	51.18	74.00	-22.82	peak

- 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 (LOW CHANNEL, VERTICAL)

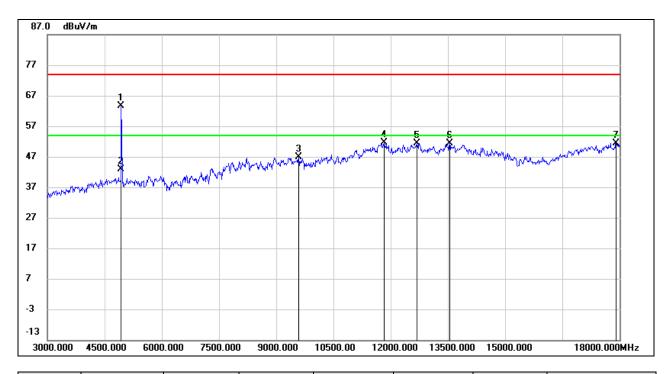


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4935.000	60.79	-0.55	60.24	74.00	-13.76	peak
2	4935.000	/	/	38.07	54.00	-15.93	AVG
3	9346.875	37.68	9.81	47.49	74.00	-26.51	peak
4	11868.750	34.99	17.24	52.23	74.00	-21.77	peak
5	12667.500	35.09	16.78	51.87	74.00	-22.13	peak
6	13910.625	33.49	18.66	52.15	74.00	-21.85	peak
7	17895.000	28.31	23.10	51.41	74.00	-22.59	peak

- 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.
- 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)

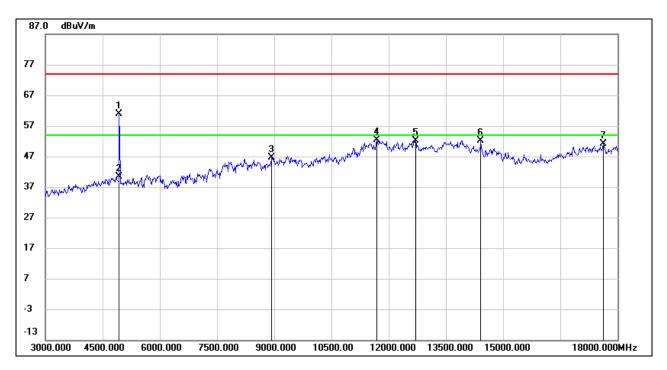


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4948.125	64.10	-0.54	63.56	74.00	-10.44	peak
2	4948.125	/	/	41.39	54.00	-12.61	AVG
3	9586.875	36.49	10.49	46.98	74.00	-27.02	peak
4	11836.875	34.42	17.30	51.72	74.00	-22.28	peak
5	12695.625	34.58	16.83	51.41	74.00	-22.59	peak
6	13546.875	33.11	18.39	51.50	74.00	-22.50	peak
7	17910.000	28.34	23.14	51.48	74.00	-22.52	peak

- 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, VERTICAL)

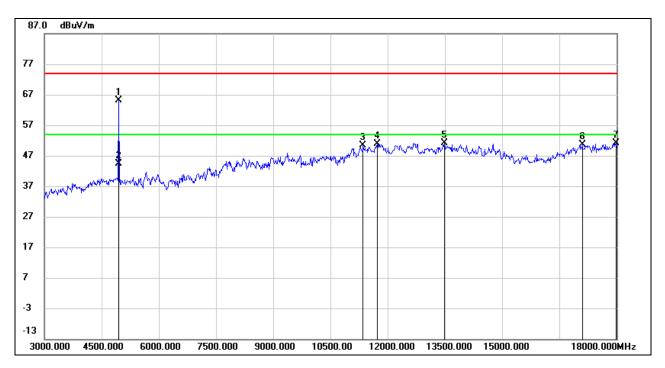


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4948.125	61.47	-0.54	60.93	74.00	-13.07	peak
2	4948.125	/	/	38.76	54.00	-15.24	AVG
3	8936.250	37.20	9.43	46.63	74.00	-27.37	peak
4	11690.625	35.64	16.77	52.41	74.00	-21.59	peak
5	12708.750	35.28	16.87	52.15	74.00	-21.85	peak
6	14424.375	34.80	17.32	52.12	74.00	-21.88	peak
7	17634.375	29.94	21.11	51.05	74.00	-22.95	peak

- 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.
- 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

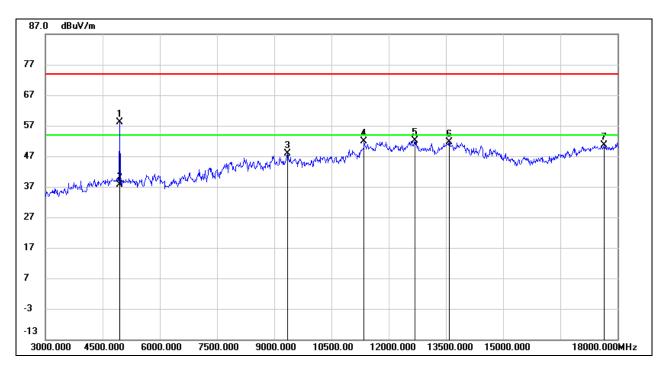


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4959.375	65.58	-0.54	65.04	74.00	-8.96	peak
2	4959.375	/	/	42.87	54.00	-11.13	AVG
3	11368.125	34.62	15.69	50.31	74.00	-23.69	peak
4	11731.875	33.88	17.00	50.88	74.00	-23.12	peak
5	13485.000	32.67	18.39	51.06	74.00	-22.94	peak
6	17111.250	31.32	19.20	50.52	74.00	-23.48	peak
7	17992.500	27.71	23.35	51.06	74.00	-22.94	peak

- 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 (HIGH CHANNEL, VERTICAL)



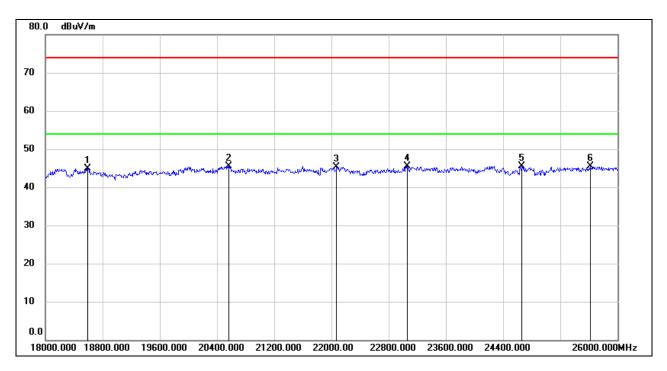
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4959.375	58.76	-0.54	58.22	74.00	-15.78	peak
2	4959.375	/	/	36.05	54.00	-17.95	AVG
3	9352.500	38.01	9.84	47.85	74.00	-26.15	peak
4	11360.625	36.31	15.65	51.96	74.00	-22.04	peak
5	12693.750	35.24	16.83	52.07	74.00	-21.93	peak
6	13597.500	33.28	18.37	51.65	74.00	-22.35	peak
7	17662.500	29.33	21.41	50.74	74.00	-23.26	peak

- 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.

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7.5. SPURIOUS EMISSIONS (18 ~ 26 GHz)

<u>HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18592.000	50.25	-5.31	44.94	74.00	-29.06	peak
2	20560.000	50.73	-5.30	45.43	74.00	-28.57	peak
3	22072.000	49.77	-4.41	45.36	74.00	-28.64	peak
4	23064.000	48.99	-3.42	45.57	74.00	-28.43	peak
5	24664.000	47.90	-2.33	45.57	74.00	-28.43	peak
6	25616.000	46.68	-1.24	45.44	74.00	-28.56	peak

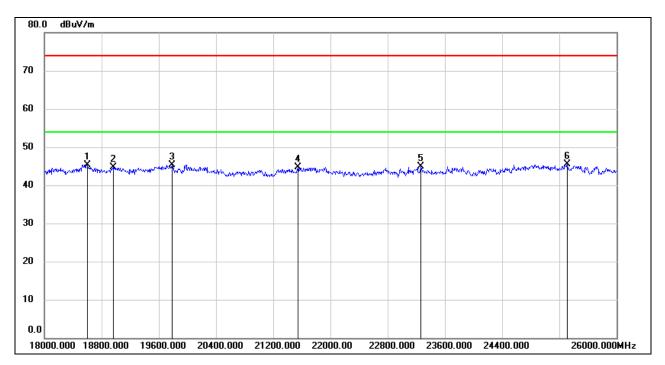
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18600.000	50.70	-5.32	45.38	74.00	-28.62	peak
2	18960.000	50.01	-5.25	44.76	74.00	-29.24	peak
3	19784.000	50.57	-5.28	45.29	74.00	-28.71	peak
4	21544.000	49.26	-4.63	44.63	74.00	-29.37	peak
5	23264.000	48.26	-3.36	44.90	74.00	-29.10	peak
6	25312.000	47.20	-1.70	45.50	74.00	-28.50	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.

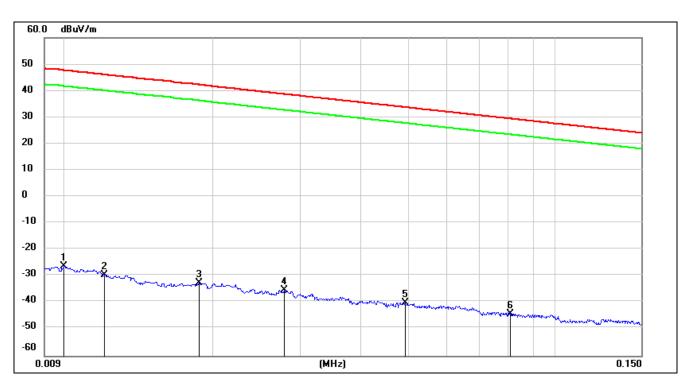
Note: All test modes had been tested, only the worst data record in the report.

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7.6. SPURIOUS EMISSIONS BELOW 30 MHz

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

9 kHz ~ 150 kHz

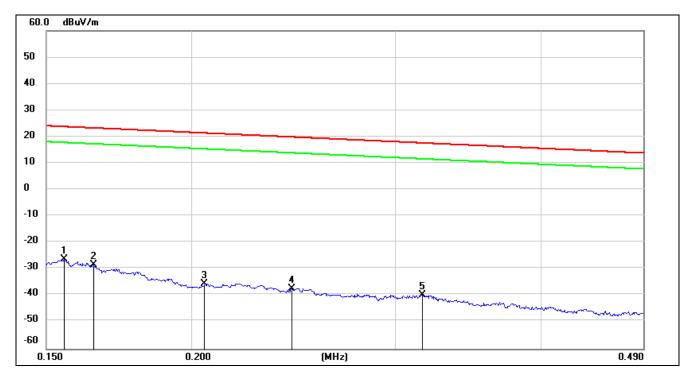


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0100	75.22	-101.40	-26.18	47.6	-73.78	peak
2	0.0120	71.86	-101.39	-29.53	46.02	-75.55	peak
3	0.0187	68.70	-101.35	-32.65	42.16	-74.81	peak
4	0.0279	66.17	-101.38	-35.21	38.69	-73.90	peak
5	0.0492	61.55	-101.47	-39.92	33.76	-73.68	peak
6	0.0810	57.52	-101.64	-44.12	29.43	-73.55	peak

- 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.
 - 4. $dBuA/m = dBuV/m 20log10(120\pi) = dBuV/m 51.5$.



150 kHz ~ 490 kHz

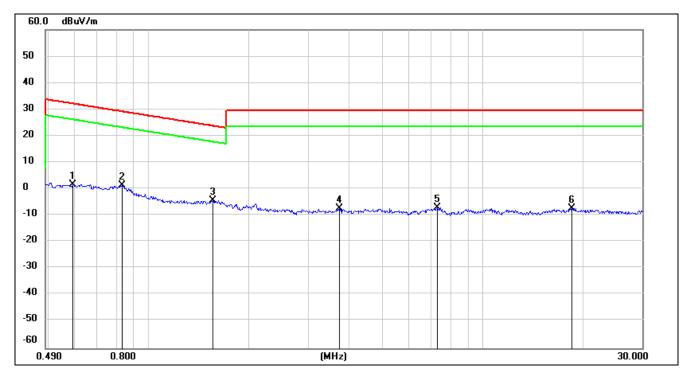


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1554	75.27	-101.65	-26.38	23.77	-50.15	peak
2	0.1647	73.26	-101.66	-28.4	23.27	-51.67	peak
3	0.2053	66.29	-101.73	-35.44	21.35	-56.79	peak
4	0.2442	64.53	-101.79	-37.26	19.85	-57.11	peak
5	0.3163	62.20	-101.87	-39.67	17.6	-57.27	peak

- 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.
 - 4. $dBuA/m = dBuV/m 20log10(120\pi) = dBuV/m -51.5$.



490 kHz ~ 30 MHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5917	63.74	-62.08	1.66	32.16	-30.50	peak
2	0.8296	63.44	-62.17	1.27	29.23	-27.96	peak
3	1.5564	57.68	-62.02	-4.34	23.76	-28.10	peak
4	3.7100	54.20	-61.41	-7.21	29.54	-36.75	peak
5	7.3361	54.08	-61.17	-7.09	29.54	-36.63	peak
6	18.4908	53.56	-60.89	-7.33	29.54	-36.87	peak

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

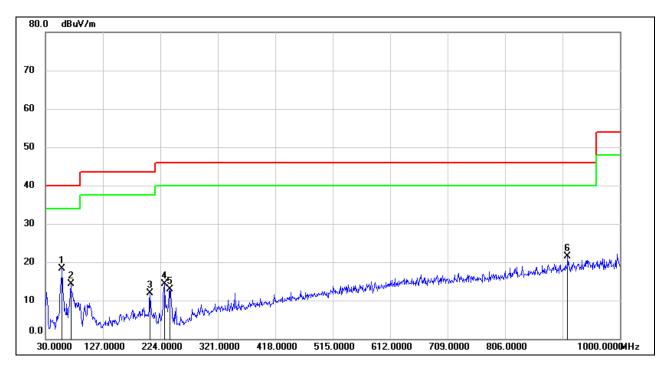
- 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
 - 4. $dBuA/m = dBuV/m 20log10(120\pi) = dBuV/m -51.5$.

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



7.7. SPURIOUS EMISSIONS BELOW 30 MHz

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



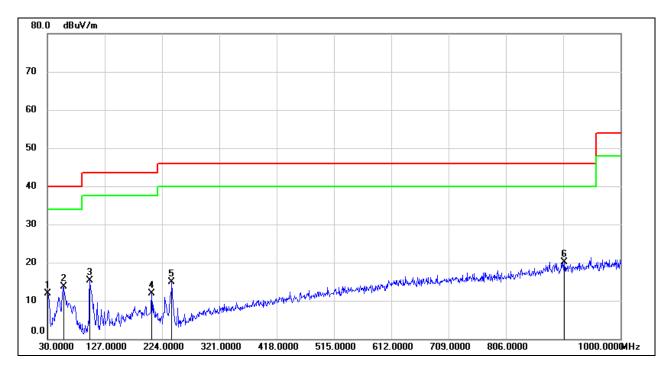
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	58.1300	38.80	-20.55	18.25	40.00	-21.75	QP
2	72.6800	35.02	-20.76	14.26	40.00	-25.74	QP
3	206.5399	28.81	-16.97	11.84	43.50	-31.66	QP
4	230.7900	32.99	-18.71	14.28	46.00	-31.72	QP
5	240.4900	32.16	-19.17	12.99	46.00	-33.01	QP
6	911.7300	26.52	-4.93	21.59	46.00	-24.41	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 (HIGH CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.9700	30.88	-19.04	11.84	40.00	-28.16	QP
2	57.1600	34.26	-20.58	13.68	40.00	-26.32	QP
3	101.7800	36.22	-21.00	15.22	43.50	-28.28	QP
4	206.5399	28.93	-16.97	11.96	43.50	-31.54	QP
5	240.4900	34.07	-19.17	14.90	46.00	-31.10	QP
6	904.9400	25.26	-5.11	20.15	46.00	-25.85	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 the channels have been tested, only the worst data was recorded in the report.



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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	
-	
	FND OF REPORT