FCC 47 CFR PART 15 SUBPART B

TEST REPORT

For

Gas Log
MODEL NUMBER: GLDF24R-VF

FCC ID: 2AJVNGLDF24RVF

REPORT NUMBER: 4787568169 - 3

ISSUE DATE: October 11, 2016

Prepared for

REECON M & E CO., LTD
No.10 ZHONGCUI ROAD, JIANGNING ECONOMIC DEVELOPMENT DISTRICT, NANJING, JIANGSU

Prepared by

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch
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The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products. This report does not imply that the product(s) has met the criteria for certification.

Revision History

Rev.	Issue Date	Revisions	Revised By
--	10/11/2016	Initial Issue	

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Summary of Test Results				
Standard	**Test Item**	**Limit**	**Result**	**Remark**
FCC Part15, Subpart B ICES-003 Issue 6 ANSI C63.4-2014	Conducted Emission	Class B	PASS	
	Radiated emission Below 1 GHz	Class B	PASS	
	Radiated emission Above 1 GHz	Class B	PASS	

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: REECON M & E CO., LTD

Address: No.10 ZHONGCUI ROAD, JIANGNING ECONOMIC DEVELOPMENT DISTRICT, NANJING, JIANGSU

Manufacturer Information

Company Name: REECON M & E CO., LTD

Address: No.10 ZHONGCUI ROAD, JIANGNING ECONOMIC DEVELOPMENT DISTRICT, NANJING, JIANGSU

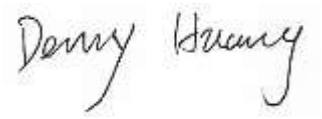
EUT Description

Product Name Gas Log
Brand Name N/A

Model Name GLDF24R-VF
FCC ID 2AJVNGLDF24RVF
Date Tested September 26, 2016 ~ September 28, 2016

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC Part15, Subpart B	PASS
ANSI C63.4-2014	PASS

Tested By:



Denny Huang
Engineer Project Associate

Check By:

Shawn Wen
Laboratory Leader

Approved By:

Stephen Guo

Laboratory Manager

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2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC Part15 Subpart B, and ANSI C63.4-2014.

3. FACILITIES AND ACCREDITATION

Test Location	Dongguan Dongdian Testing Service Co., Ltd
Address	No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Dongguan City, Guangdong Province, 523808, China
Accreditation Certificate	Dongguan Dongdian Testing Service Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing. Valid time is until January 31, 2018. Dongguan Dongdian Testing Service Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Registration 270092, Renewal date March 11, 2015, valid time is until March 11, 2018. The 3m Alternate Test Site of Dongguan Dongdian Testing Service Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 10288A on April 23, 2015, valid time is until April 23, 2018.

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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
Uncertainty for Conduction emission test	3.32dB (150KHz-30MHz)
	3.72dB (9KHz-150KHz)
Uncertainty for Radiation Emission test(include Fundamental emission) (30MHz-1GHz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1GHz to 18GHz)(include Fundamental emission)	4.10dB(1-6GHz)
	4.40dB (6GHz-18Gz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

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5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

Equipment	Gas Log
Model Name	GLDF24R-VF
Power Supply	DC 3.7V by battery
Adapter	Input: AC120V/60Hz Output: DC 5V/2A

Note: The AC power adapter was provided by lab.

5.2. DESCRIPTION OF TEST MODES

For Conducted Test Emission	
Final Test Mode	Description
Mode 1	Receiving
Mode 2	Normal Operating
Mode 3	Charging
For Radiated Emission	
Final Test Mode	Description
Mode 1	Receiving
Mode 2	Normal Operating
Mode 3	Charging

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5.3. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	FCC ID
1	N/A	N/A	N/A	N/A

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	Macro USB	Unshielded	0.6m	N/A

ACCESSORY

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

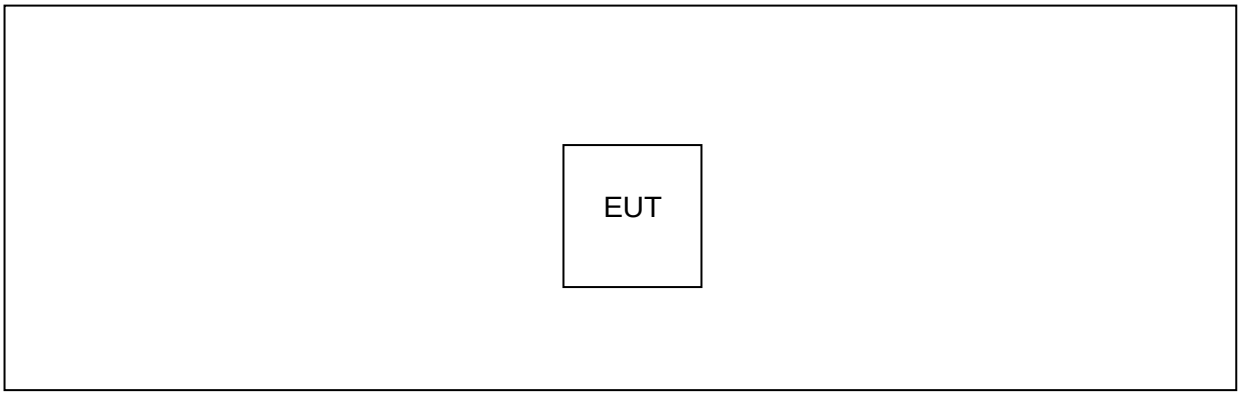
Note: The EUT has no accessory.

TEST SETUP

The EUT can work in an engineer mode for continue receiving.

SETUP DIAGRAM FOR TESTS

Mode 1



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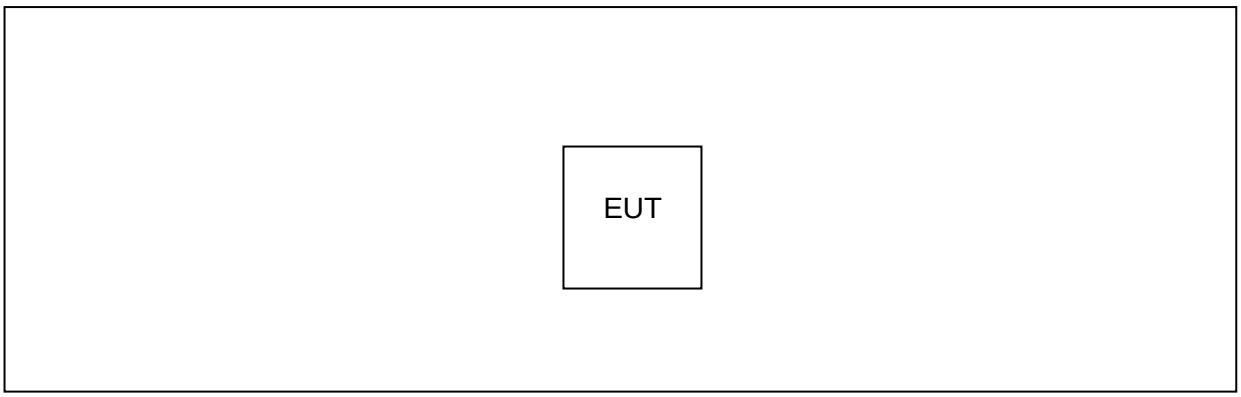
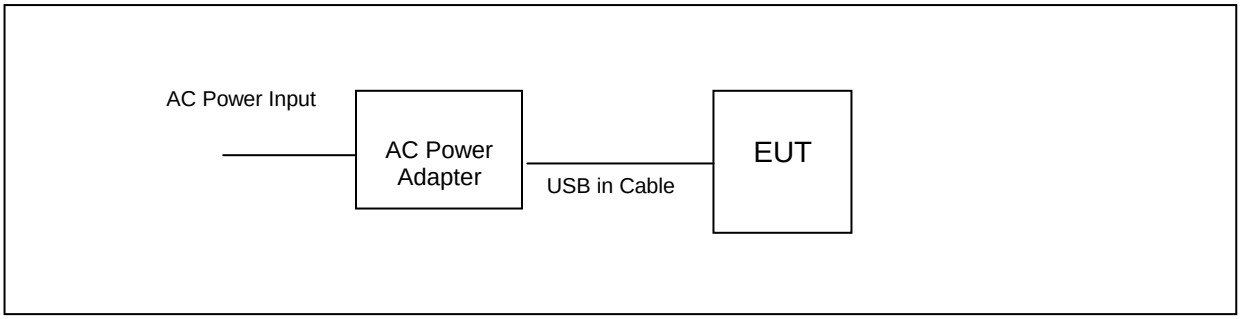
Mode 2



Mode 3



Note: The AC power adapter was provided by lab.

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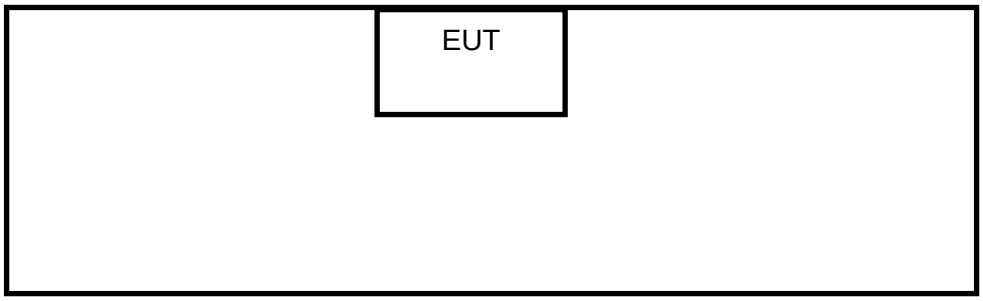
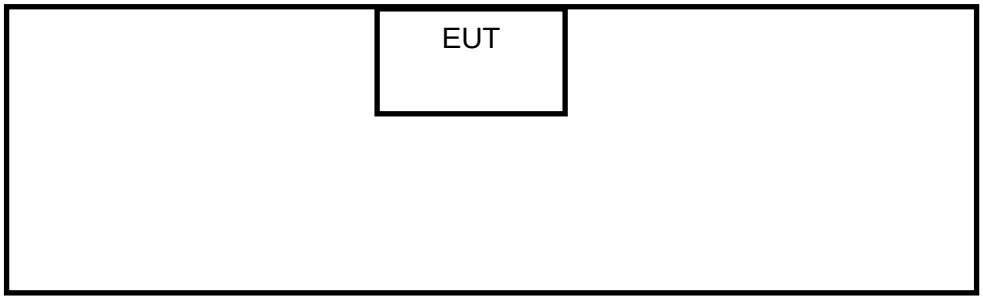
5.4. BLOCK DIAGRAM SHOWING THE CONIGURATION OF SYSTEM TESTED

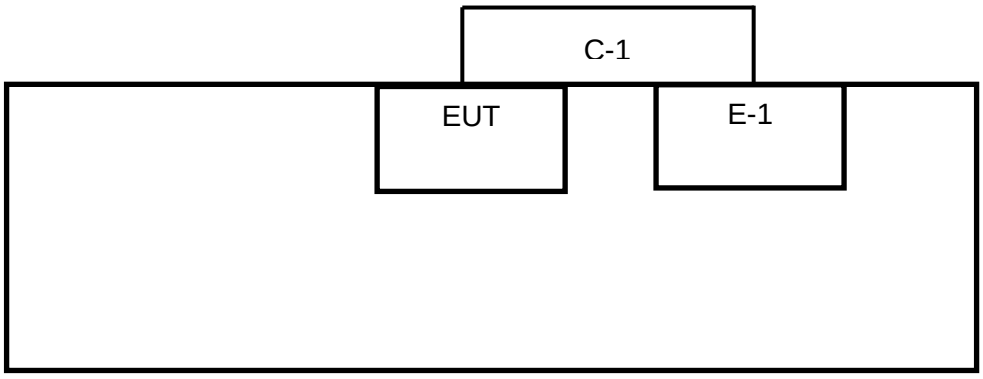
Mode 1:



Mode 2:



Mode 3:



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5.5. DESCRIPTION OF SUPPROT UNITS

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

Item	Equipment	Mfr/Brand	Model	Specification	Series No.	Note
E-1	Adapter	N/A	N/A	Input:AC120V/50Hz Output: DC 5V/2A	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	No	No	0.60m	USB Cable

Note:

(1) For detachable type I/O cable should be specified the length in m in『Length』column.

(2) The AC power adapter was provided by lab.

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5.6. MEASURING INSTRUMENT AND SOFTWARE USED

Radiated Emissions Tests Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Expired date
☑	EMI Test Receiver	R&S	ESU8	100316	2015/10/24	2016/10/23
☑	Spectrum analyzer	R&S	FSU26	1166.1660.26	2015/10/24	2016/10/23
☑	Trilog Broadband Antenna	Schwarzbeck	VULB9163	9163-462	2016/05/30	2017/05/29
☑	Active Loop antenna	Schwarzbeck	FMZB-1519	1519-038	2015/10/24	2016/10/23
☑	Double Ridged Horn Antenna	R&S	HF907	100276	2015/10/31	2016/10/30
☑	Pre-amplifier	A.H.	PAM-0118	360	2016/08/18	2017/08/17
☑	RF Cable	HUBSER	CP-X2	W11.03	2015/10/24	2016/10/23
☑	RF Cable	HUBSER	CP-X1	W12.02	2015/10/24	2016/10/23
☑	MI Cable	HUBSER	C10-01-01-1M	1091629	2015/10/24	2016/10/23
☑	Test software	Audix	E3	V 6.11111b	N/A	N/A
Conducted disturbance at mains terminals Test Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Expired date
☑	Test Receiver	R&S	ESU8	100316	2015/10/24	2016/10/23
☑	LISN 1	R&S	ENV216	101109	2015/10/24	2016/10/23
☑	LISN 2	R&S	ESH2-Z5	100309	2015/10/24	2016/10/23
☑	Pulse Limiter	R&S	ESH3-Z2	101242	2015/10/24	2016/10/23
☑	CE Cable 1	HUBSER	ESU8/RF2	W10.01	2015/10/24	2016/10/23
☑	Test software	Audix	E3	V 6.11111b	2015/10/24	2016/10/23

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6. RADIATED DISTURBANCE MEASUREMENT

6.1. LIMITS AND PROCEDURE

LIMITS

(a). **Limits below 1 GHz**

Frequency (MHz)	☐Class A (at 10m)		☒Class B (at 3m)	
	(uV/m) Field strength	(dBuV/m) Field strength	(uV/m) Field strength	(dBuV/m) Field strength
30 - 88	90	39	100	40
88 - 216	150	43.5	150	43.5
216 - 960	210	46.4	200	46
Above 960	300	49.5	500	54

(b). **Limits above 1 GHz**

Frequency (MHz)	☐Class A				☒Class B	
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	69.5	49.5	74	54

NOTE:

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

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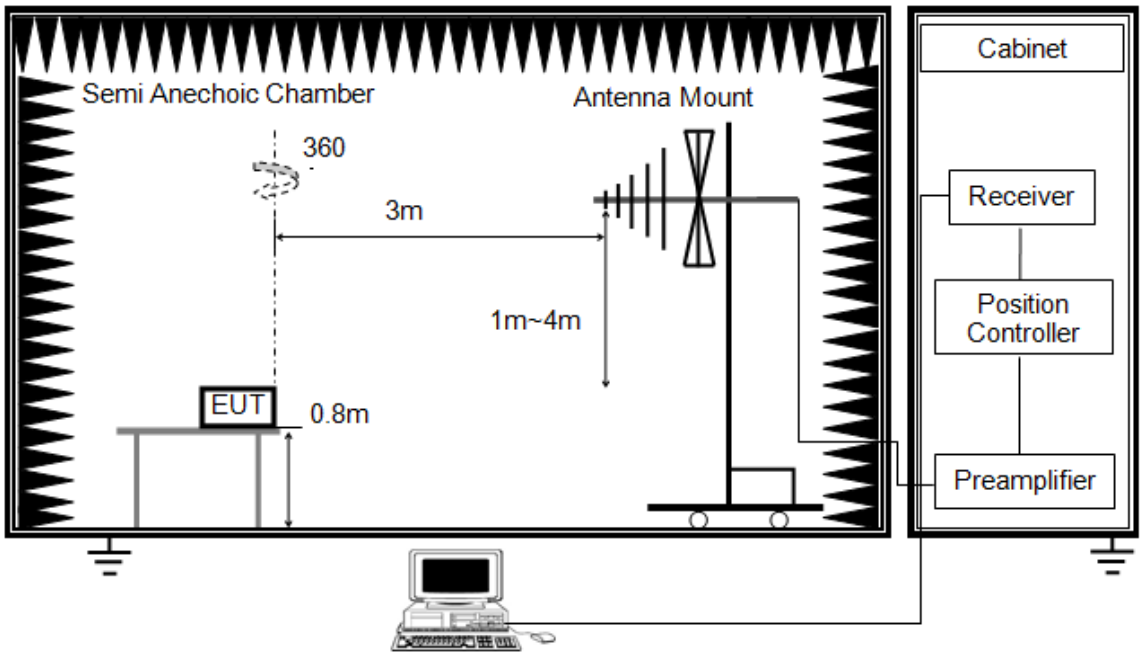
TEST SETUP AND PROCEDURE

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 C63.4-2014.

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

3. The EUT was placed on a turntable with 0.8 meter above ground.

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

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

7. For the actual test configuration, please refer to the Appendix Ⅲ Setup Photographs.

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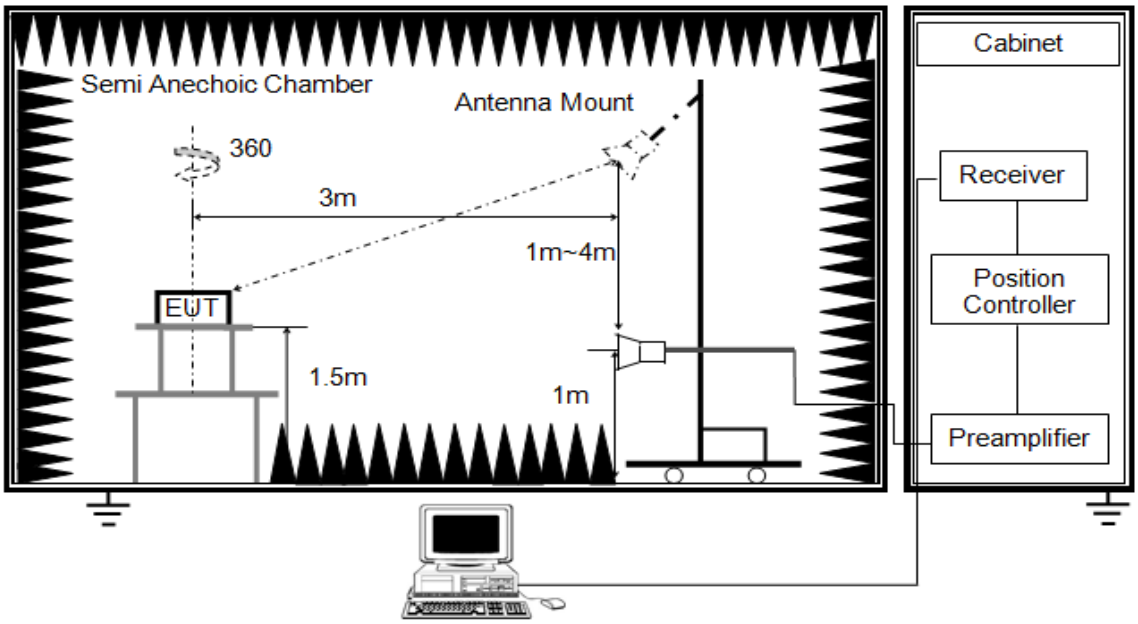
ABOVE 1G



The setting of the spectrum analyser

RBW	1M
VBW	3M
Sweep	Auto
Detector	Peak and CISPR Average
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.4-2014.

2. The EUT was arranged to its worst case and then tune the antenna tower (1.5 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

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

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

6. For measurement above 1GHz, the emission measurement will be measured by the peak detector and the AV detector.

7. For the actual test configuration, please refer to the Appendix Ⅲ Setup Photographs.

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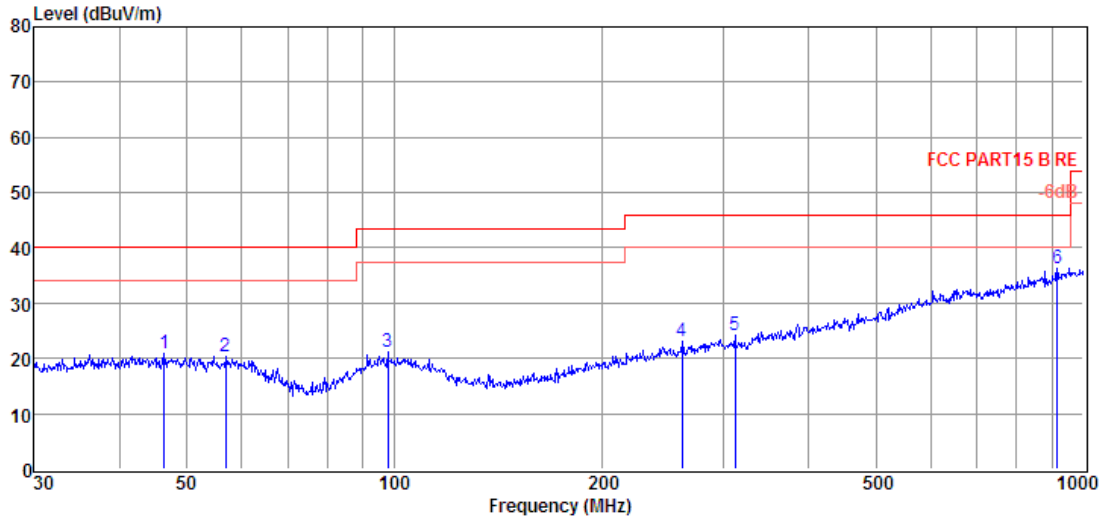
6.2. BELOW 1G TEST RESULTS

EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V
Test Mode:	Mode 1	Polar	Horizontal



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	46.34	4.74	12.22	3.85	20.81	40.00	-19.19	QP	HORIZONTAL
2	56.99	4.84	11.65	3.95	20.44	40.00	-19.56	QP	HORIZONTAL
3	97.80	5.07	11.83	4.28	21.18	43.50	-22.32	QP	HORIZONTAL
4	261.98	5.48	12.48	5.20	23.16	46.00	-22.84	QP	HORIZONTAL
5	312.18	5.24	13.62	5.43	24.29	46.00	-21.71	QP	HORIZONTAL
6	916.07	6.31	22.62	7.46	36.39	46.00	-9.61	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
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.

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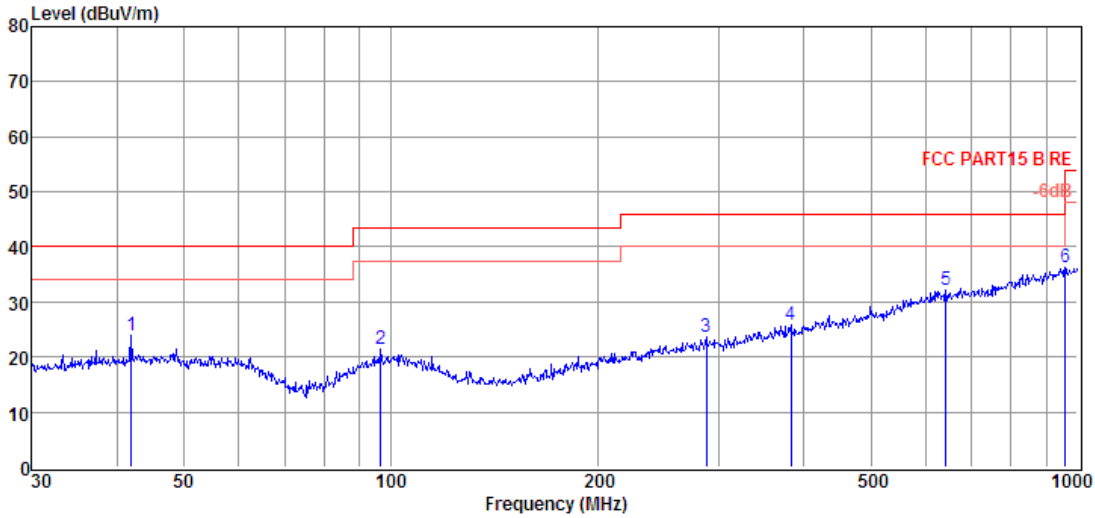
EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V
Test Mode:	Mode 1	Polar	Vertical



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	41.86	7.69	12.47	3.81	23.97	40.00	-16.03	QP	VERTICAL
2	96.78	5.53	11.74	4.28	21.55	43.50	-21.95	QP	VERTICAL
3	287.99	5.19	13.26	5.32	23.77	46.00	-22.23	QP	VERTICAL
4	382.59	4.86	15.28	5.73	25.87	46.00	-20.13	QP	VERTICAL
5	642.86	6.16	19.36	6.65	32.17	46.00	-13.83	QP	VERTICAL
6	958.79	5.58	23.06	7.57	36.21	46.00	-9.79	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
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.

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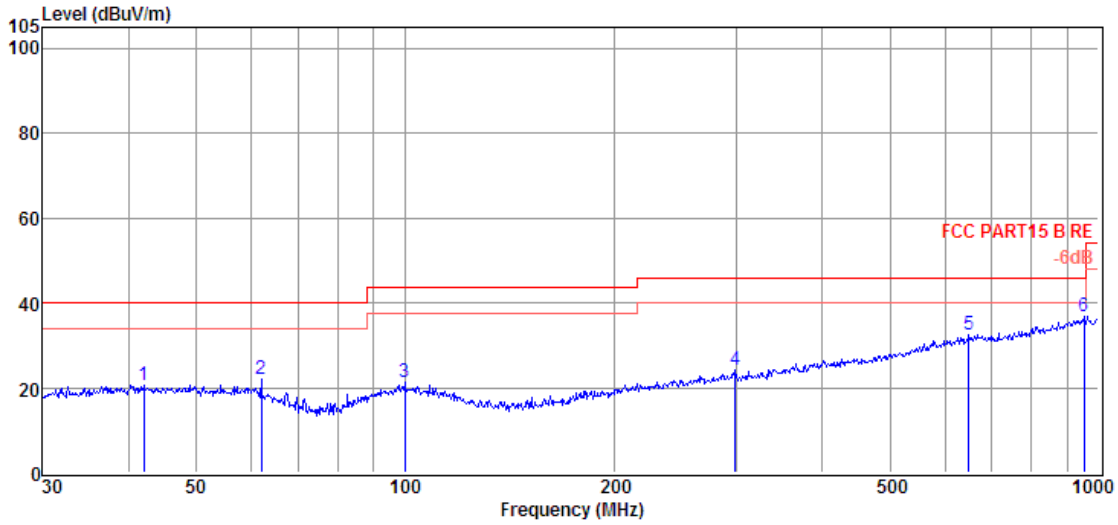
EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V
Test Mode:	Mode 2	Polar	Horizontal



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	42.01	4.40	12.50	3.81	20.71	40.00	-19.29	QP	HORIZONTAL
2	62.00	7.39	10.80	4.00	22.19	40.00	-17.81	QP	HORIZONTAL
3	99.88	5.04	11.99	4.30	21.33	43.50	-22.17	QP	HORIZONTAL
4	299.32	5.52	13.40	5.38	24.30	46.00	-21.70	QP	HORIZONTAL
5	649.66	6.15	19.49	6.67	32.31	46.00	-13.69	QP	HORIZONTAL
6	952.09	6.30	22.86	7.56	36.72	46.00	-9.28	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
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.

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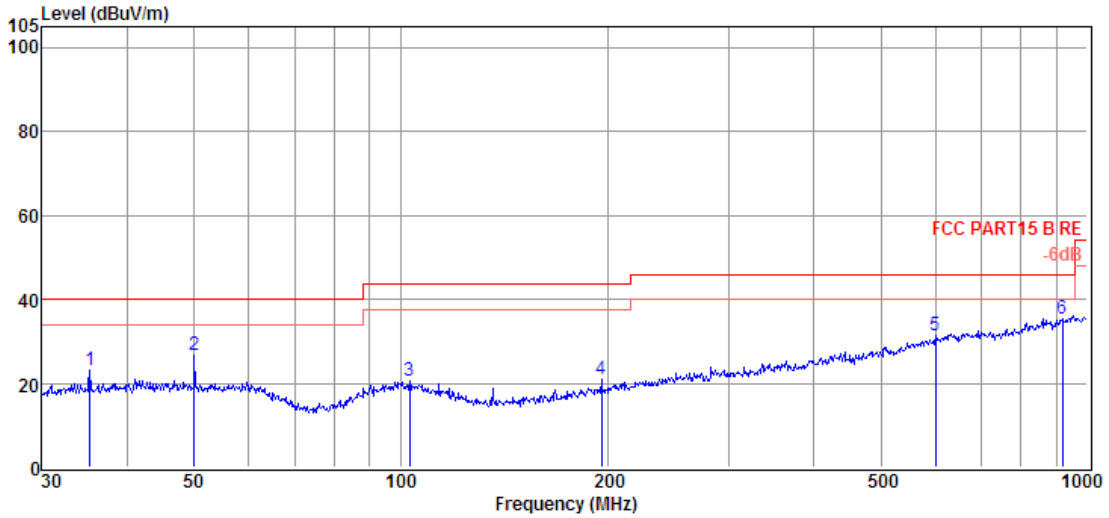
EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V
Test Mode:	Mode 2	Polar	Vertical



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	35.25	7.55	11.85	3.73	23.13	40.00	-16.87	QP	HORIZONTAL
2	50.06	11.00	11.99	3.89	26.88	40.00	-13.12	QP	HORIZONTAL
3	103.08	4.49	11.75	4.32	20.56	43.50	-22.94	QP	HORIZONTAL
4	195.82	5.81	10.13	4.88	20.82	43.50	-22.68	QP	HORIZONTAL
5	601.43	5.73	19.27	6.51	31.51	46.00	-14.49	QP	HORIZONTAL
6	919.29	5.26	22.69	7.47	35.42	46.00	-10.58	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
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.

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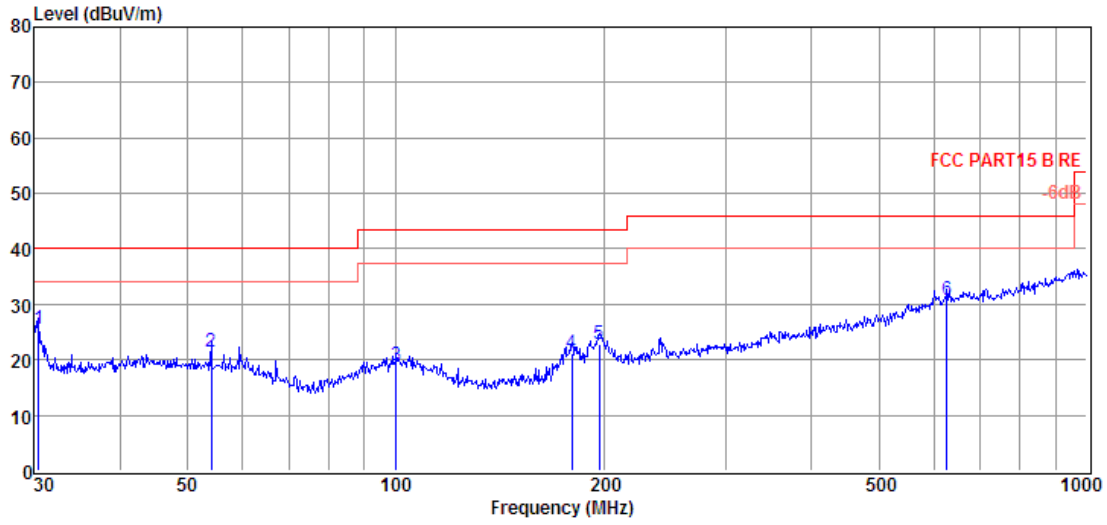
EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V
Test Mode:	Mode 3	Polar	Horizontal



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	30.42	10.62	11.17	3.67	25.46	40.00	-14.54	QP	HORIZONTAL
2	54.07	5.76	11.70	3.93	21.39	40.00	-18.61	QP	HORIZONTAL
3	100.23	2.79	11.98	4.30	19.07	43.50	-24.43	QP	HORIZONTAL
4	180.02	7.20	9.20	4.78	21.18	43.50	-22.32	QP	HORIZONTAL
5	197.20	7.62	10.19	4.88	22.69	43.50	-20.81	QP	HORIZONTAL
6	627.27	4.81	19.40	6.60	30.81	46.00	-15.19	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
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.

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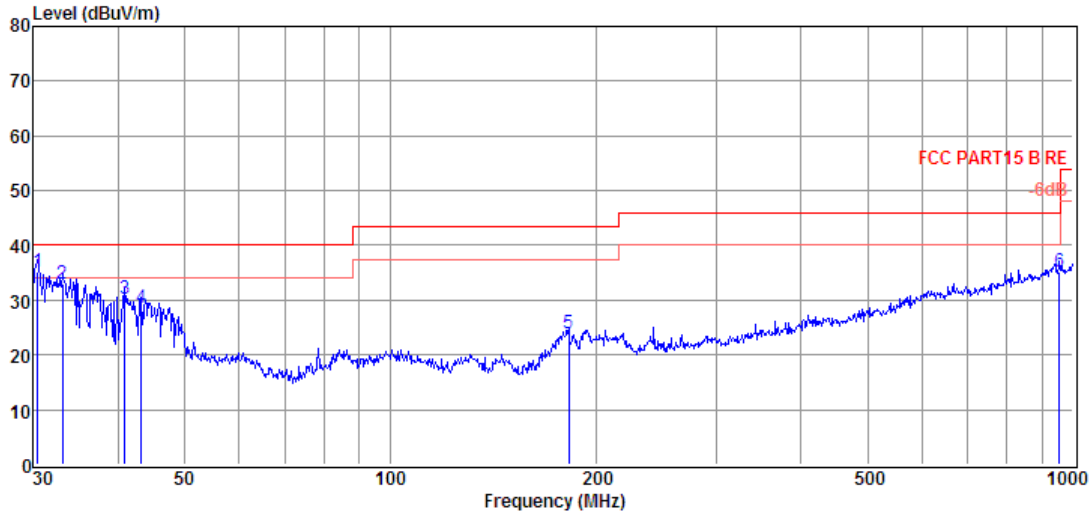
EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V
Test Mode:	Mode 3	Polar	Vertical



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	30.42	20.41	11.17	3.67	35.25	40.00	-4.75	QP	VERTICAL
2	33.10	17.70	11.51	3.71	32.92	40.00	-7.08	QP	VERTICAL
3	40.85	14.12	12.27	3.80	30.19	40.00	-9.81	QP	VERTICAL
4	43.20	12.21	12.44	3.82	28.47	40.00	-11.53	QP	VERTICAL
5	182.56	9.73	9.51	4.80	24.04	43.50	-19.46	QP	VERTICAL
6	955.44	4.63	22.96	7.56	35.15	46.00	-10.85	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
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.

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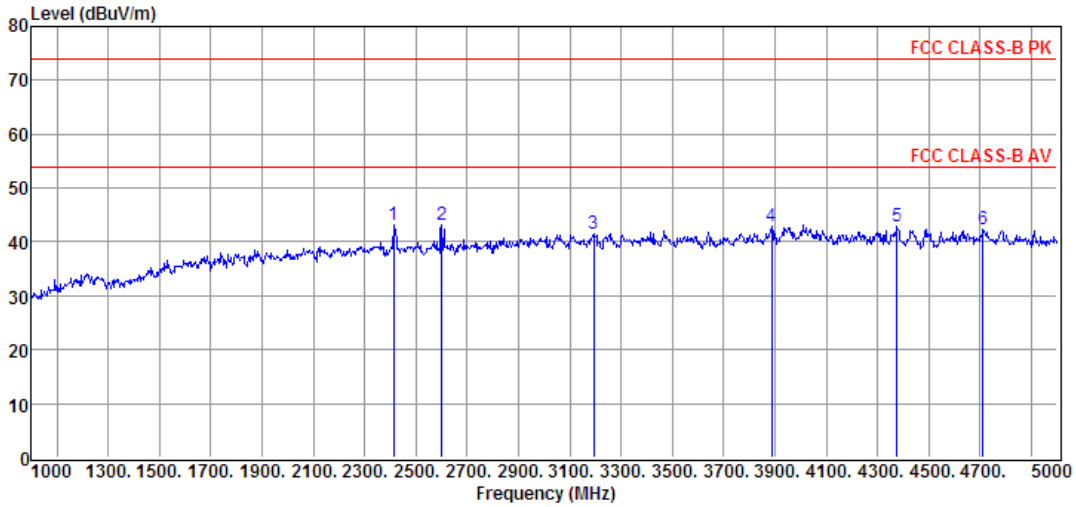
6.3. ABOVE 1G TEST RESULTS

EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V
Test Mode:	Mode 1	Polar	Horizontal



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2412.00	36.71	29.86	29.48	6.06	43.15	74.00	-30.85	Peak	HORIZONTAL
2	2600.00	36.21	30.52	29.92	6.28	43.09	74.00	-30.91	Peak	HORIZONTAL
3	3192.00	32.91	31.78	30.05	6.98	41.62	74.00	-32.38	Peak	HORIZONTAL
4	3888.00	31.27	33.08	29.10	7.54	42.79	74.00	-31.21	Peak	HORIZONTAL
5	4376.00	30.39	33.71	29.14	8.02	42.98	74.00	-31.02	Peak	HORIZONTAL
6	4712.00	29.42	33.76	29.30	8.39	42.27	74.00	-31.73	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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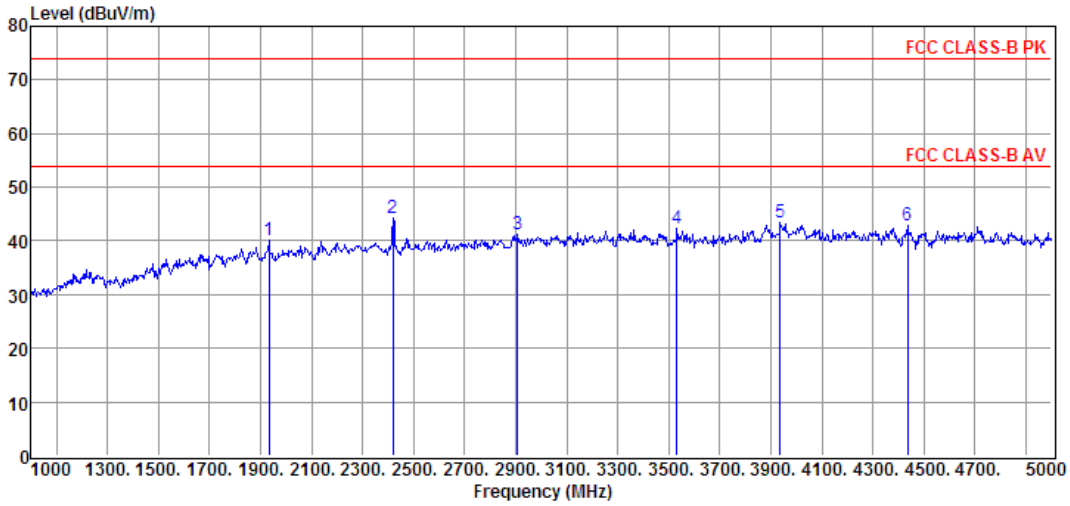
EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V
Test Mode:	Mode 1	Polar	Horizontal



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1932.00	35.82	27.80	29.00	5.43	40.05	74.00	-33.95	Peak	VERTICAL
2	2420.00	37.84	29.89	29.50	6.06	44.29	74.00	-29.71	Peak	VERTICAL
3	2908.00	33.24	31.44	30.16	6.66	41.18	74.00	-32.82	Peak	VERTICAL
4	3532.00	32.43	32.00	29.45	7.32	42.30	74.00	-31.70	Peak	VERTICAL
5	3936.00	31.67	33.22	29.07	7.57	43.39	74.00	-30.61	Peak	VERTICAL
6	4436.00	30.15	33.75	29.17	8.08	42.81	74.00	-31.19	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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7. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC Part 15B

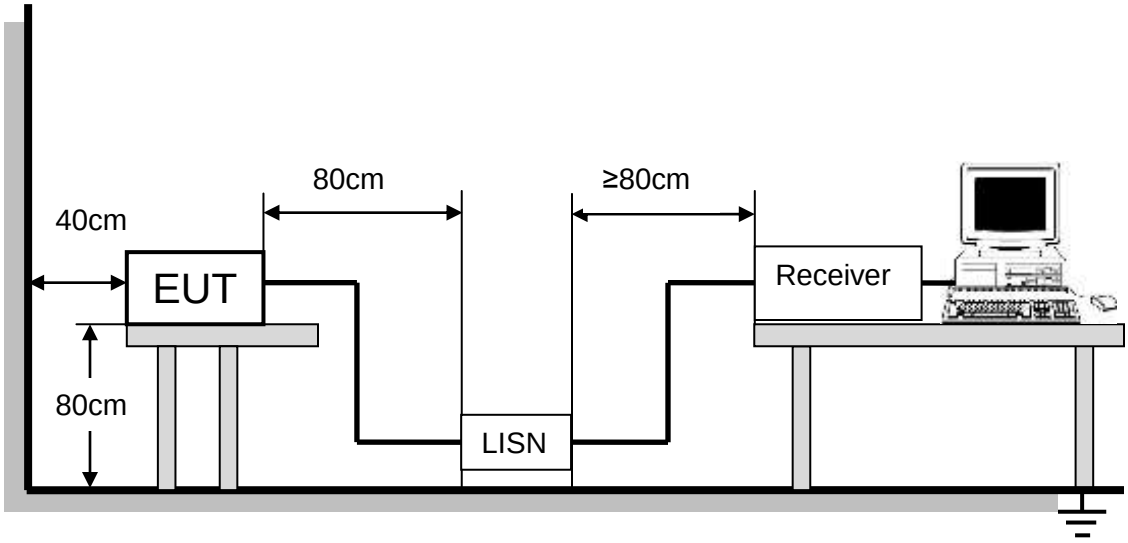
FREQUENCY (MHz)	☐Class A (dBμV)		☒Class B (dBμV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note: (1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value - Limit Value

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver is used to test the emissions from both sides of AC line. According to the requirements in Section 7 and 13 of ANSI C63.4-2014.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 200Hz(9kHz—150kHz) , 9kHz(150kHz—30MHz).

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

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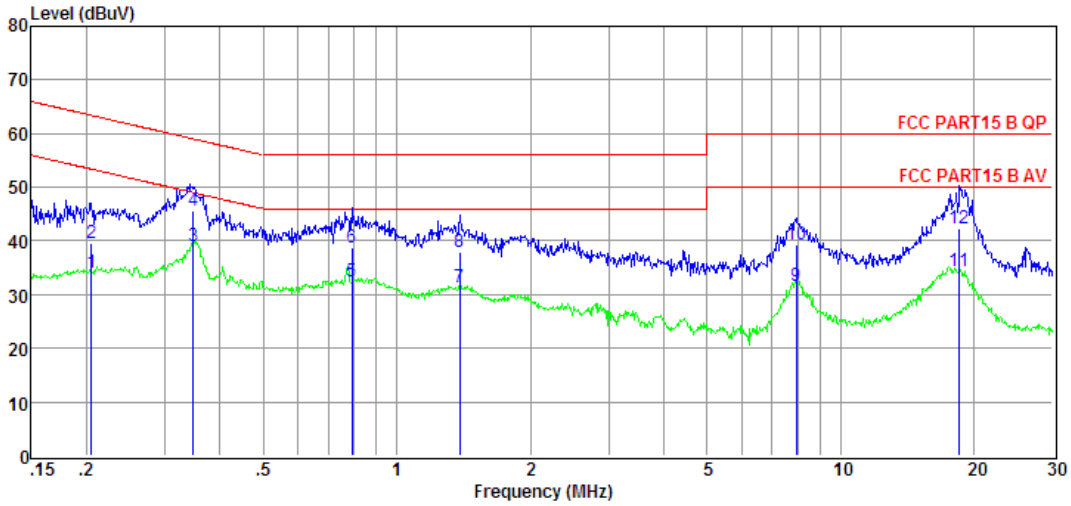
TEST RESULTS

EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	AC 120V/60Hz
Test Mode:	Mode 1	Phase :	L1



Item (Mark)	Freq (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Result Level (dBµV)	Limit Line (dBµV)	Over Limit (dB)	Detector	Phase
1	0.205	14.66	9.61	0.02	34.15	53.40	-19.25	Average	LINE
2	0.205	20.22	9.61	0.02	39.71	63.40	-23.69	QP	LINE
3	0.348	19.46	9.61	0.02	38.95	49.00	-10.05	Average	LINE
4	0.348	26.06	9.61	0.02	45.55	59.00	-13.45	QP	LINE
5	0.792	12.92	9.61	0.03	32.42	46.00	-13.58	Average	LINE
6	0.792	19.32	9.61	0.03	38.82	56.00	-17.18	QP	LINE
7	1.388	11.91	9.62	0.03	31.42	46.00	-14.58	Average	LINE
8	1.388	18.50	9.62	0.03	38.01	56.00	-17.99	QP	LINE
9	7.935	12.05	9.71	0.09	31.74	50.00	-18.26	Average	LINE
10	7.935	19.65	9.71	0.09	39.34	60.00	-20.66	QP	LINE
11	18.524	14.30	9.95	0.15	34.34	50.00	-15.66	Average	LINE
12	18.524	22.40	9.95	0.15	42.44	60.00	-17.56	QP	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss

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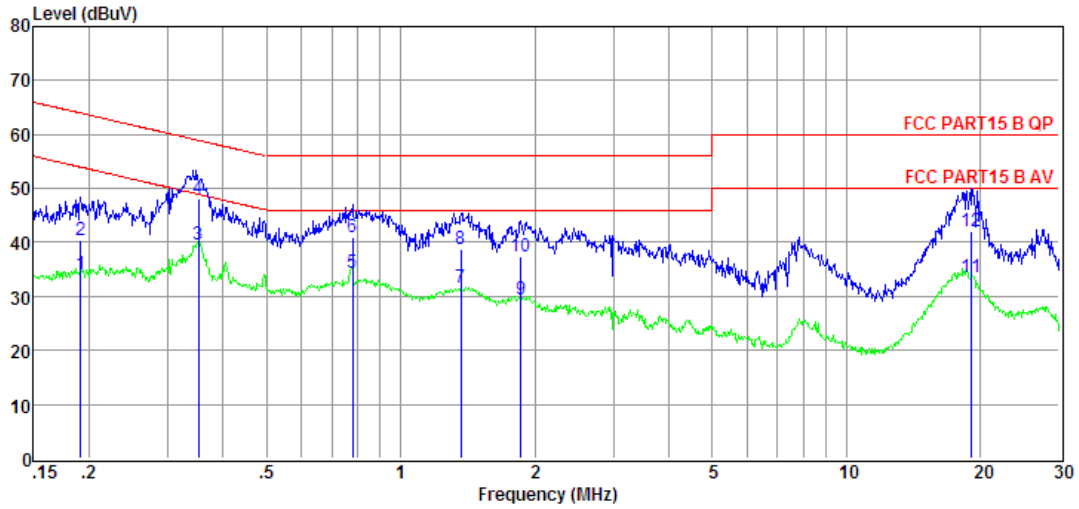
EUT:	Gas Log	Model Name:	GLDF24R-VF
Temperature:	24.5°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	AC 120V/60Hz
Test Mode:	Mode 1	Phase :	N



Item (Mark)	Freq (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Result Level (dBµV)	Limit Line (dBµV)	Over Limit (dB)	Detector	Phase
1	0.191	14.55	9.61	0.02	34.04	53.98	-19.94	Average	NEUTRAL
2	0.191	20.80	9.61	0.02	40.29	63.98	-23.69	QP	NEUTRAL
3	0.352	20.13	9.61	0.02	39.62	48.91	-9.29	Average	NEUTRAL
4	0.352	28.57	9.61	0.02	48.06	58.91	-10.85	QP	NEUTRAL
5	0.779	14.90	9.61	0.03	34.40	46.00	-11.60	Average	NEUTRAL
6	0.779	21.46	9.61	0.03	40.96	56.00	-15.04	QP	NEUTRAL
7	1.367	11.99	9.62	0.03	31.50	46.00	-14.50	Average	NEUTRAL
8	1.367	19.22	9.62	0.03	38.73	56.00	-17.27	QP	NEUTRAL
9	1.858	9.77	9.62	0.04	29.30	46.00	-16.70	Average	NEUTRAL
10	1.858	17.79	9.62	0.04	37.32	56.00	-18.68	QP	NEUTRAL
11	19.021	13.42	9.95	0.15	33.46	50.00	-16.54	Average	NEUTRAL
12	19.021	21.95	9.95	0.15	41.99	60.00	-18.01	QP	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss

END OF REPORT

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