

TEST REPORT

Test Items: Radiation 18-25GHz

Applicant: Qihan Technology Co.,LTD

Address of applicant: China National Offshore Oil Building, No.3168 Houhaibin
Road, Nanshan District, Shenzhen, China

Product Description: Intelligent Robot

Tested Model: T1-A1-L

Tested Date: October 18, 2017

Tested By: Peng Shiqing / Engineer

Approved & Authorized By: Andy Yeh / Technical Director

Prepared By:

Peng Shiqing

Andy Yeh

Shenzhen Morlab Communications Technology Co., Ltd.
FL.3, Building A, FeiYang Science Park, No.8 Long Chang Road,
Block 67, BanAn District, Shenzhen, Guangdong Province, P.R. China

Shenzhen Morlab Communications Technology Co., Ltd. Test Firm Registration Number is CN1192 which compliance with ANSI C63.10-2013 and ANSI/TIA-603-D:2010.

Shenzhen Morlab Communications Technology Co., Ltd.

Test Equipment List

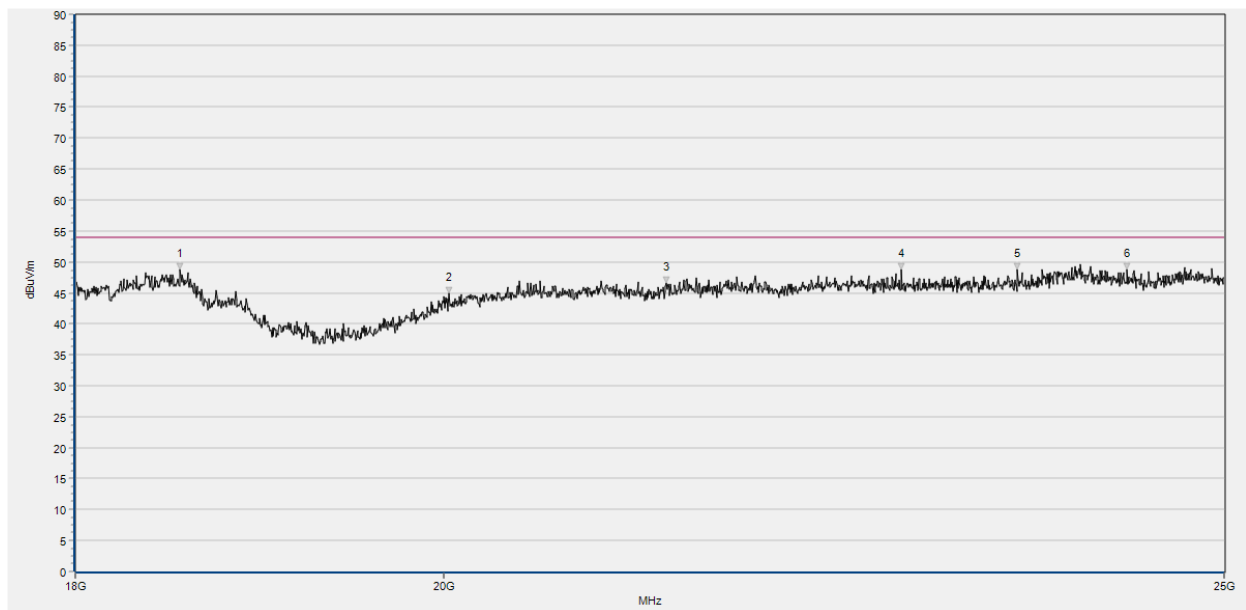
Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
MXE EMI Receiver	Agilent	N9038A	MY54130016	2017.05.17	2018.05.16
Semi-Anechoic Chamber	Changning	9m*6m*6m	N/A	2017.01.11	2018.01.10
Test Antenna - Bi-Log	Schwarzbeck	VULB 9163	9163-274	2016.12.09	2017.12.08
Test Antenna - Horn	Schwarzbeck	BBHA9120 C	9120C-384	2017.03.30	2018.03.29
Test Antenna - Horn	Schwarzbeck	BBHA9170	BBHA9170#773	2017.09.13	2018.09.12

Spurious Emissions Above 18GHz

FCC Part 15.205, 15.209 and 15.247 standards

EUT: Crescent Mini PC Console Projector
Tested Model: FHPC-01
Operating Condition: Worst case WIFI 802.11b Low Channel (2412MHz)
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Vertical

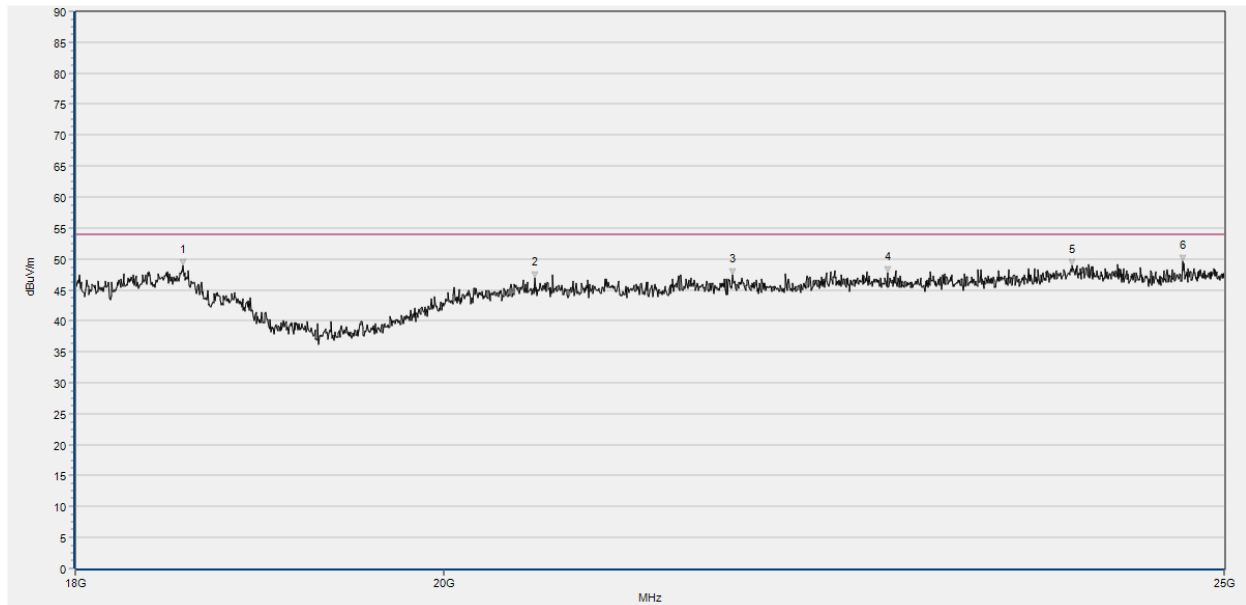


Num	Freq(MHz)	PK	limit AV	Degree	Antenna	Verdict
1	18547.627	48.81	54.00	195.3	V	PASS
2	20030.369	44.85	54.00	165.6	V	PASS
3	21313.512	46.65	54.00	107.4	V	PASS
4	22796.254	48.76	54.00	9.3	V	PASS
5	23566.139	48.69	54.00	107.4	V	PASS
6	24315.657	48.76	54.00	77.5	V	PASS

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EUT: Crescent Mini PC Console Projector
Tested Model: FHPC-01
Operating Condition: Worst case WIFI 802.11b Low Channel (2412MHz)
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Horizontal



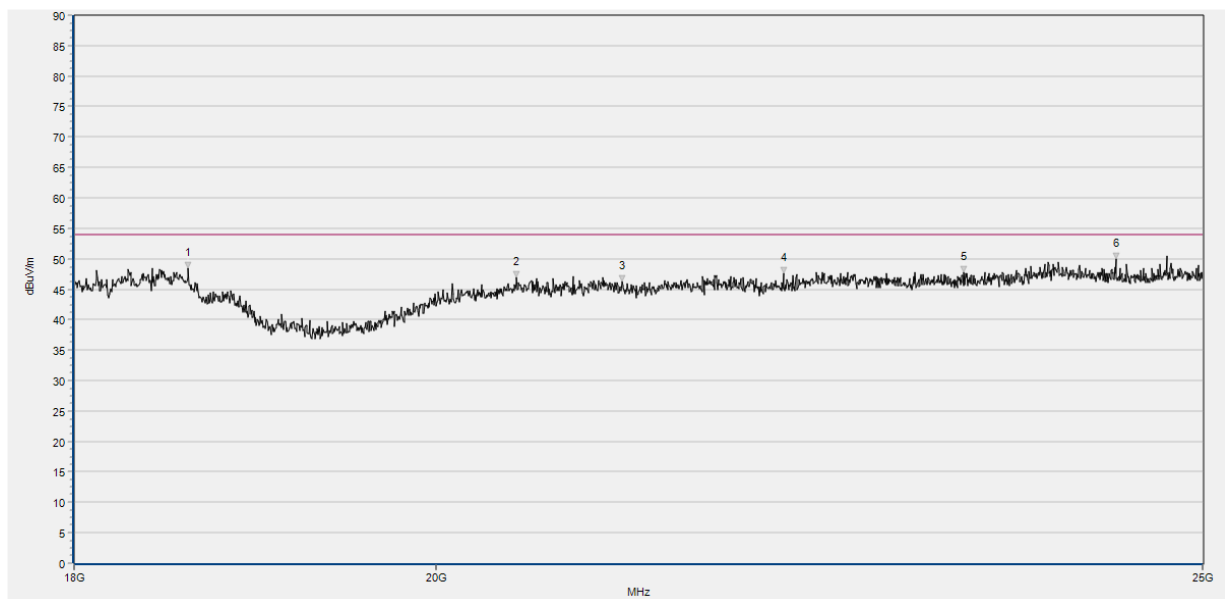
Num	Freq(MHz)	PK	limit AV	Degree	Antenna	Verdict
1	18563.921	48.86	54.00	86.9	H	PASS
2	20527.332	46.91	54.00	308.4	H	PASS
3	21720.858	47.48	54.00	1.9	H	PASS
4	22706.638	47.75	54.00	193.6	H	PASS
5	23936.825	48.96	54.00	164.7	H	PASS
6	24702.637	49.63	54.00	289.1	H	PASS

Spurious Emissions Above 18GHz

FCC Part 15.205, 15.209 and 15.247 standards

EUT: Crescent Mini PC Console Projector
Tested Model: FHPC-01
Operating Condition: Worst case BT Low Channel (2402MHz)_EDR
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Vertical

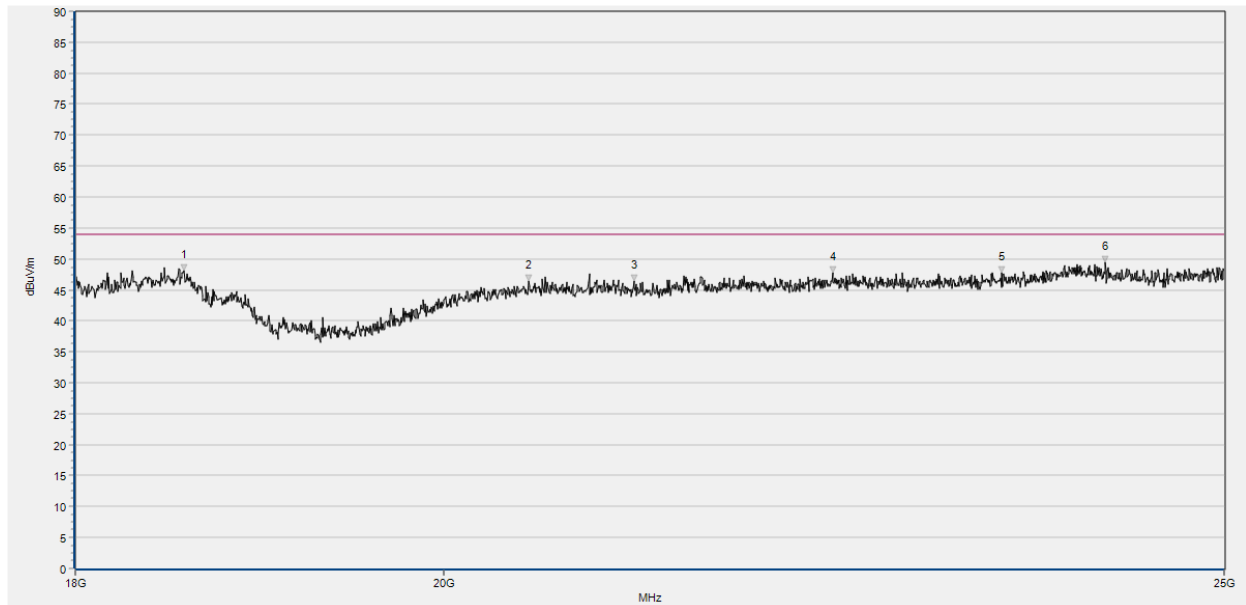


Num	Freq(MHz)	PK	limit AV	Degree	Antenna	Verdict
1	18608.729	48.40	54.00	272.3	V	PASS
2	20474.377	47.00	54.00	272.3	V	PASS
3	21113.912	46.18	54.00	301.7	V	PASS
4	22128.205	47.58	54.00	0.0	V	PASS
5	23321.731	47.75	54.00	146.7	V	PASS
6	24376.759	49.87	54.00	321.0	V	PASS

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EUT: Crescent Mini PC Console Projector
Tested Model: FHPC-01
Operating Condition: Worst case BT Low Channel (2402MHz)_EDR
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Horizontal



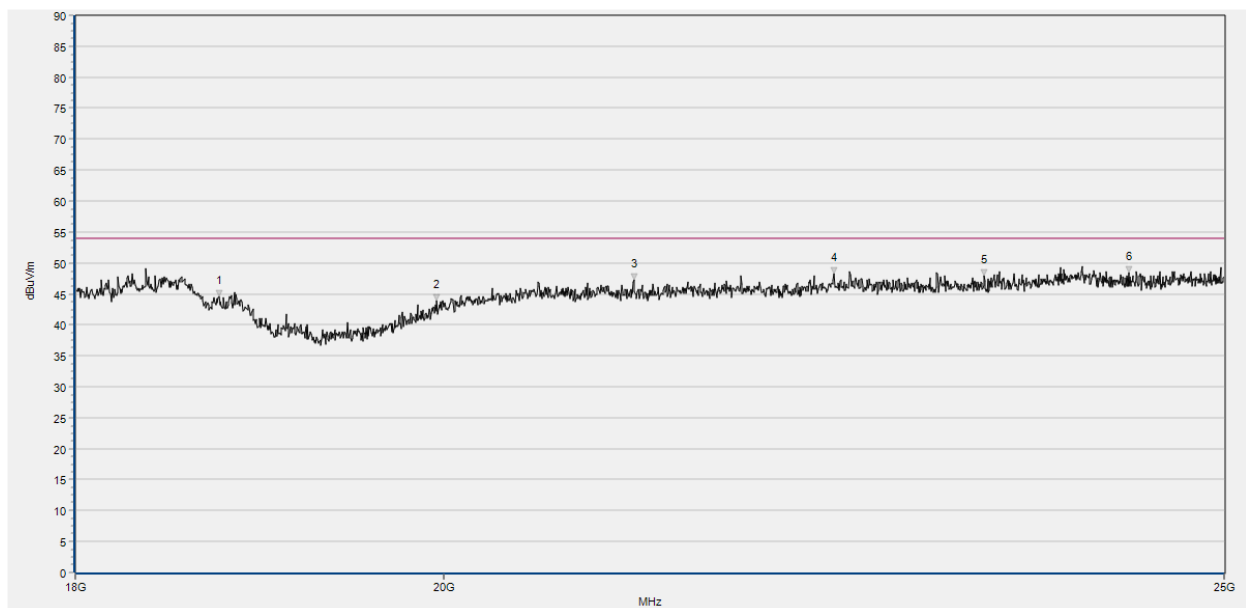
Num	Freq(MHz)	PK	limit AV	Degree	Antenna	Verdict
1	18567.994	48.11	54.00	300.7	H	PASS
2	20490.671	46.39	54.00	106.9	H	PASS
3	21117.985	46.41	54.00	281.2	H	PASS
4	22352.246	47.70	54.00	2.0	H	PASS
5	23460.229	47.70	54.00	145.2	H	PASS
6	24164.939	49.47	54.00	183.9	H	PASS

Spurious Emissions Above 18GHz

FCC Part 15.205, 15.209 and 15.247 standards

EUT: Crescent Mini PC Console Projector
Tested Model: FHPC-01
Operating Condition: Worst case BT High Channel (2480MHz)_BLE
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Vertical

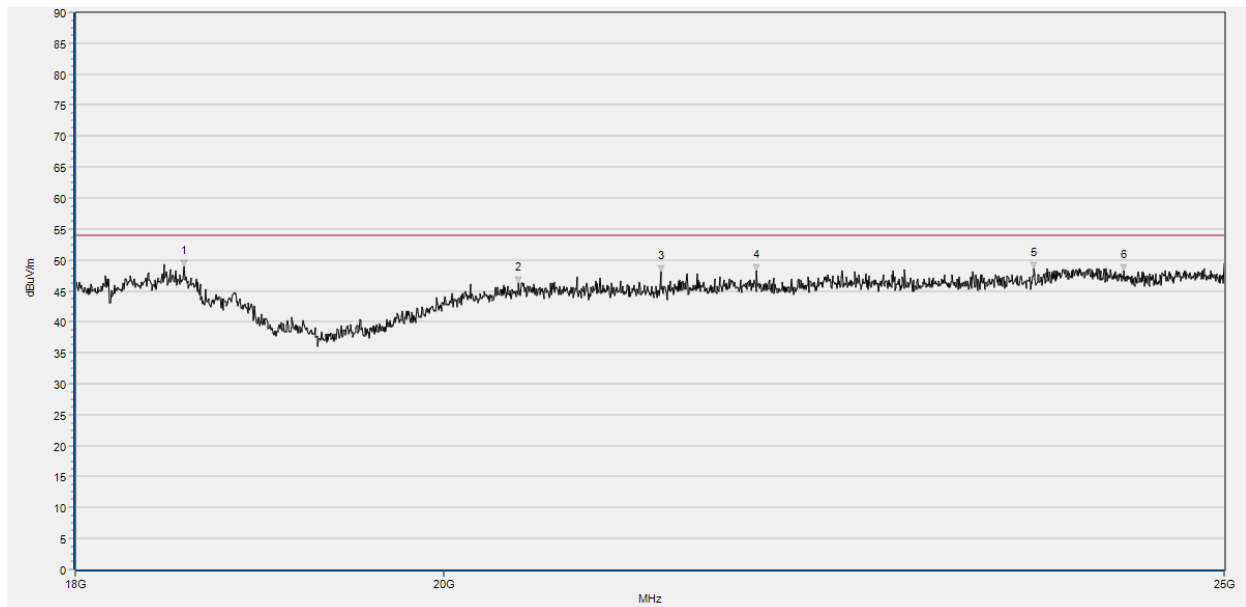


Num	Freq(MHz)	PK	limit AV	Degree	Antenna	Verdict
1	18755.374	44.61	54.00	194.3	V	PASS
2	19961.120	43.97	54.00	165.1	V	PASS
3	21117.985	47.27	54.00	145.6	V	PASS
4	22360.393	48.21	54.00	360.0	V	PASS
5	23342.099	47.96	54.00	78.2	V	PASS
6	24327.878	48.47	54.00	39.2	V	PASS

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EUT: Crescent Mini PC Console Projector
Tested Model: FHPC-01
Operating Condition: Worst case BT High Channel (2480MHz)_BLE
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Horizontal



Num	Freq(MHz)	PK	limit AV	Degree	Antenna	Verdict
1	18567.994	48.95	54.00	224.0	H	PASS
2	20433.642	46.22	54.00	0.0	H	PASS
3	21280.924	48.08	54.00	262.7	H	PASS
4	21871.577	48.19	54.00	165.7	H	PASS
5	23676.123	48.55	54.00	108.1	H	PASS
6	24295.290	48.20	54.00	340.3	H	PASS

Test Setup Photographs



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