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TEST REPORT

Report No.: CHTEW20080014 Report Verification :

Project No...... SHT2006142004EW

FCC ID.....: SIP-5755-V

Applicant's name.....: MegaGain International Ltd.

Museum Road, T.S.T. East. Kowloon. HongKong

Manufacturer...... MegaGain International Ltd.

Museum Road, T.S.T. East. Kowloon. HongKong

Test item description: CARS FRANCESO BTR H21

Trade Mark Disney

Model/Type reference...... 2001-TDSE00810

Listed Model(s) -

Standard FCC CFR Title 47 Part 15 Subpart C Section 15.249

Date of receipt of test sample........... Jul. 22, 2020

Date of issue...... Aug. 04, 2020

Result...... PASS

Compiled by

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Supervised by

(position+printedname+signature)....: Project Engineer

gineer

Approved by

(position+printedname+signature)....: RF Manager Hans Hu

Testing Laboratory Name: Shenzhen Huatongwei International Inspection Co., Ltd.

Tianliao, Gongming, Shenzhen, China

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The test report merely correspond to the test sample.

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1. TEST STANDARDS AND REPORT VERSION

1.1. Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.249: Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz.

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.

1.2. Report version information

Revision No.	Date of issue	Description
N/A	2020-08-04 Original	

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2. TEST DESCRIPTION

Test Item	Section in CFR 47	Result	Test Engineer
Antenna requirement	15.203	PASS	Jiongsheng Feng
AC Power Line Conducted Emissions	15.207	N/A	N/A
20dB Occupied Bandwidth	15.215/15.249	PASS	Jiongsheng Feng
Field strength of the Fundamental signal	15.249(a)	PASS	Jiongsheng Feng
Spurious Emissions	15.249(a)15.205/15.209	PASS	Pan Xie
Band edge Emissions	15.249(d)15.205/15.209	PASS	Pan Xie

Remark: The measurement uncertainty is not included in the test result.

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3. **SUMMARY**

3.1. Client Information

Applicant:	MegaGain International Ltd.
Address: Rm 904-905, Greenfield Tower, Concordia Plaza,1 Science Museum F	
Manufacturer:	MegaGain International Ltd.
Address:	Rm 904-905, Greenfield Tower, Concordia Plaza,1 Science Museum Road, T.S.T. East. Kowloon. HongKong

3.2. Product Description

	T
Name of EUT:	CARS FRANCESO BTR H21
Trade Mark:	Disney
Model No.:	2001-TDSE00810
Listed Model(s):	-
Power supply:	RX DC6.0V, TX DC3.0V
Adapter information:	-
Hardware Version:	V1
Software Version:I	V1
RF Specification	
Operation frequency:	2420~2462MHz
Channel number:	1MHz
Modulation Type:	GFSK
Antenna type:	Wire Antenna
Antenna gain:	0dBi

3.3. Testing Laboratory Information

Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.			
Laboratory Location	1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China			
	Туре	Accreditation Number		
	CNAS	L1225		
Qualifications	A2LA	3902.01		
	FCC	762235		
	Canada	5377A		

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4. TEST CONFIGURATION

4.1. Test frequency list

According to section 15.31(m), regards to the operating frequency range over 10 MHz, must select three channels which were tested. The Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, please see the below blue front.

Channel	Frequency (MHz)	Remark
00	2420	CHL
01	2421	
:	i i	
20	2441	CH _M
i	÷	
41	2461	
42	2462	CH _H

4.2. Test mode

For RF test items

The engineering test program was provided and enabled to make EUT continuous transmit.

For Radiated spurious emissions test item:

The engineering test program was provided and enabled to make EUT continuous transmit.

The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data Recorded in the report.

4.3. Support unit used in test configuration and system

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The following peripheral devices and interface cables were connected during the measurement:

Wheth	Whether support unit is used?						
	No						
Item	Equipement	Trade Name	Model No.	FCC ID	Power cord		
1							
2							

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4.4. Testing environmental condition

Туре	Requirement	Actual
Temperature:	15~35°C	25°C
Relative Humidity:	25~75%	50%
Air Pressure:	860~1060mbar	1000mbar

4.5. Measurement uncertainty

Test Item	Measurement Uncertainty
AC Conducted Emission (150kHz~30MHz)	3.02 dB
Radiated Emission (30MHz~1000MHz	4.90 dB
Radiated Emissions (1GHz~25GHz)	4.96 dB
Peak Output Power	0.51 dB
Power Spectral Density	0.51 dB
Conducted Spurious Emission	0.51 dB
6dB Bandwidth	70 Hz

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

(1)

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4.6. Equipments Used during the Test

•	Conducted Emission					
Used	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Shielded Room	Albatross projects	N/A	N/A	2018/09/28	2023/09/27
•	EMI Test Receiver	R&S	ESCI	101247	2018/10/27	2020/10/25
•	Artificial Mains	SCHWARZBECK	NNLK 8121	573	2018/10/27	2020/10/22
•	Pulse Limiter	R&S	ESH3-Z2	100499	2018/10/27	2020/10/22
•	RF Connection Cable	HUBER+SUHNER	EF400	N/A	2018/11/15	2020/10/22
•	Test Software	R&S	ES-K1	N/A	N/A	N/A

•	Radiated Emissi	on-6th test site				
Used	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	SAC-3m-02	N/A	2018/09/30	2021/09/29
•	EMI Test Receiver	R&S	ESCI	100900	2018/10/28	2020/10/25
•	Loop Antenna	R&S	HFH2-Z2	100020	2017/11/20	2021/04/01
•	Ultra-Broadband Antenna	SCHWARZBECK	VULB9163	546	2017/04/05	2021/04/03
•	Pre-Amplifer	SCHWARZBECK	BBV 9742	N/A	2018/11/15	2020/11/13
•	RF Connection Cable	HUBER+SUHNER	N/A	N/A	2018/09/28	2020/08/20
•	RF Connection Cable	HUBER+SUHNER	SUCOFLEX104	501184/4	2018/09/28	2021/05/26
•	Test Software	R&S	ES-K1	N/A	N/A	N/A
•	Turntable	Maturo Germany	TT2.0-1T	N/A	N/A	2021/09/29
•	Antenna Mast	Maturo Germany	CAM-4.0-P-12	N/A	N/A	2020/10/25

•	Radiated emissi	on-7th test site				
Used	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	SAC-3m-01	N/A	2018/09/30	2021/09/26
•	Spectrum Analyzer	R&S	FSP40	100597	2018/10/27	2020/10/25
•	Horn Antenna	SCHWARZBECK	9120D	1011	2017/03/27	2023/03/31
•	Pre-amplifier	BONN	BLWA0160-2M	1811887	2018/11/14	2021/10/10
•	Pre-amplifier	CD	PAP-0102	12004	2018/11/14	2021/10/11
•	Broadband Pre- amplifier	SCHWARZBECK	BBV 9718	9718-248	2019/04/26	2020/11/13
•	RF Connection Cable	HUBER+SUHNER	RE-7-FH	N/A	2018/11/15	2021/05/22
•	RF Connection Cable	HUBER+SUHNER	RE-7-FL	N/A	2018/11/15	2021/05/17
•	Test Software	Audix	E3	N/A	N/A	2021/05/17
•	Turntable	Maturo Germany	TT2.0-1T	N/A	N/A	2021/05/17
•	Antenna Mast	Maturo Germany	CAM-4.0-P-12	N/A	N/A	2021/05/17

•	RF Conducted M	lethod				
Used	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Signal and spectrum Analyzer	R&S	FSV40	100048	2019/10/26	2020/10/25
•	Spectrum Analyzer	Agilent	N9020A	MY50510187	2019/10/26	2020/10/25
•	Power Meter	Anritsu	ML249A	N/A	2019/10/26	2020/10/25

5. TEST CONDITIONS AND RESULTS

5.1. Antenna requirement

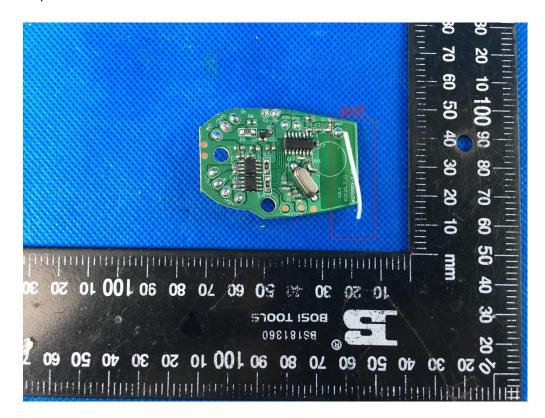
Requirement

FCC CFR Title 47 Part 15 Subpart C Section 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 anantenna that uses a unique coupling to the intentional radiator, 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.

TEST RESULTS

The antenna type is a Wire Antenna, the directional gain of the antenna less than 6 dBi, please refer to the below antenna photo



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5.2. AC Power Conducted Emissions

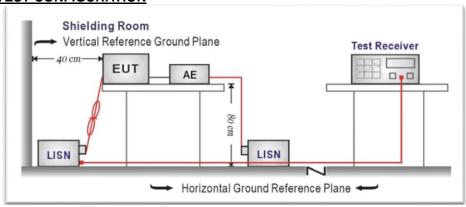
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.207:

Fraguency range (MHz)	Limit (d	BuV)
Frequency range (MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

^{*} Decreases with the logarithm of the frequency.

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was setup according to ANSI C63.10:2013
- 2. The EUT was placed on a plat form of nominal size, 1 m by 1.5 m, raised 10 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 10 cm from any other grounded conducting surface.
- 3. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50ohm / 50uH coupling impedance for the measuring equipment.
- The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
- 6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- 7. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 8. During the above scans, the emissions were maximized by cable manipulation.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

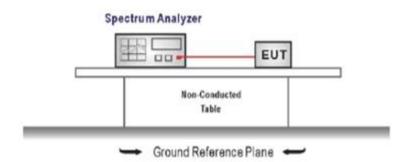
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5.3. 20 dB Occupied Bandwidth

Limit

Operation frequency range 2400MHz~2483.5MHz.

TEST CONFIGURATION



TEST PROCEDURE

- 1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
- 2. Set to the maximum power setting and enable the EUT transmit continuously
- 3. Use the following spectrum analyzer settings:
 - Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel
 - RBW ≥ 1% of the 20 dB bandwidth, VBW ≥ RBW
 - Sweep = auto, Detector function = peak, Trace = max hold
- 4. Measure and record the results in the test report.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

Test Channel	20dB Bandwidth (MHz)	Limit (MHz)	Result
CH _L	1.93	-	Pass
CH _M	2.03	-	Pass
CH _H	1.94	-	Pass

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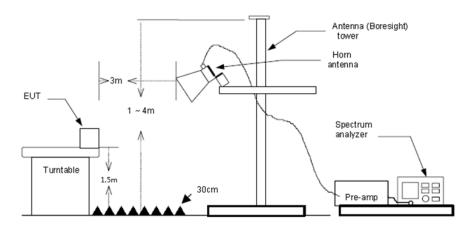
5.4. Radiated field strength of the fundamental signal

LIMIT

Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
902-928 MHz	50 (94dBuV/m @3m)	500 (54dBuV/m @3m)
2400-2483.5 MHz	50 (94dBuV/m @3m)	500 (54dBuV/m @3m)
5725-5875 MHz	50 (94dBuV/m @3m)	500 (54dBuV/m @3m)
24.0-24.25 GHz	250 (108dBuV/m @3m)	2500 (68dBuV/m @3m)

Frequencies above 1000 MHz, the field strength limits are based on average limits

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was setup and tested according to ANSI C63.10:2013 requirements.
- 2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. Thisis repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
- The receiver set as follow: RBW=3MHz, VBW=3MHz Peak detector for Peak value. RBW=3MHz, VBW=3MHz RMS detector for Average value.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	Over	Remark
1	MHz 2420.18	dBuV/m 35.27	dB 27.62	dB 7.78	dB 0.00	dBuV/m 70.67	dBuV/m 114.00	limit -43.33	Peak
annel:2420 V	ertical								
Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	Over	Remark
			11-	1 -	1m	10 11/	10 11/	11-14	
	MHZ	dBuV/m	dB	dB	dB	dBuV/m	dBuV/m	limit	

111161.2441	Horizontal								
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2441.34	35.47	27.53	7.79	0.00	70.79	114.00	-43.21	Peak
			, W						
 Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	Over	Remark
Mark 1	Frequency MHz 2441.06	Reading dBuV/m 35.56	Antenna dB 27.54	Cable dB 7.79	Preamp dB 0.00	Level dBuV/m 70.89	Limit dBuV/m 114.00	Over limit -43.11	Remark Peak

annel:2462 F	lorizontal								
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2462.82	38.96	27.47	7.80	0.00	74.23	114.00	-39.77	Peak
annel:2462 \ ^{Mark}	Frequency	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2461.96	36.63	27.48	7.79	0.00	71.90	114.00	-42.10	Peak

Remark:

- 1. Final Level =Receiver Read level + Factor
- 2. Factor = Antenna Factor + Cable Loss Preamplifier Factor

5.5. Radiated Spurious Emissions and Bandedge Emission

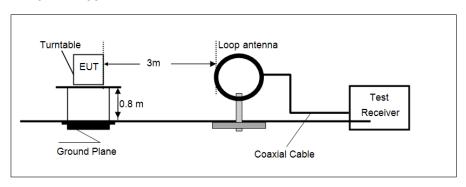
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

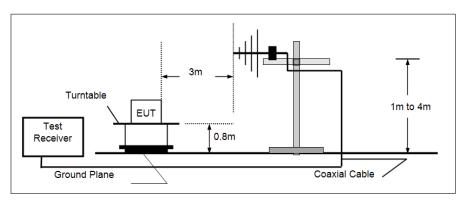
Frequency	Limit (dBuV/m @3m)	Value
30MHz~88MHz	40.00	Quasi-peak
88MHz~216MHz	43.50	Quasi-peak
216MHz~960MHz	46.00	Quasi-peak
960MHz~1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
Above IGHZ	74.00	Peak

TEST CONFIGURATION

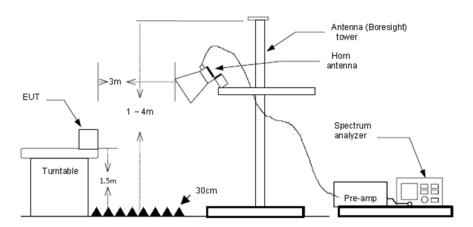
• 9 kHz ~ 30 MHz



● 30 MHz ~ 1 GHz



Above 1 GHz



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TEST PROCEDURE

- The EUT was setup and tested according to ANSI C63.10:2013 requirements.
- 2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. For each suspected emission, 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 to comply with the guidelines.
- 5. Set to the maximum power setting and enable the EUT transmit continuously.
- 6. Use the following spectrum analyzer settings
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Below 1 GHz:

RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold; 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.

(3) From 1 GHz to 10th harmonic: RBW=1MHz, VBW=3MHz Peak detector for Peak value. RBW=1MHz, VBW=3MHz RMS detector for Average value.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

Note:

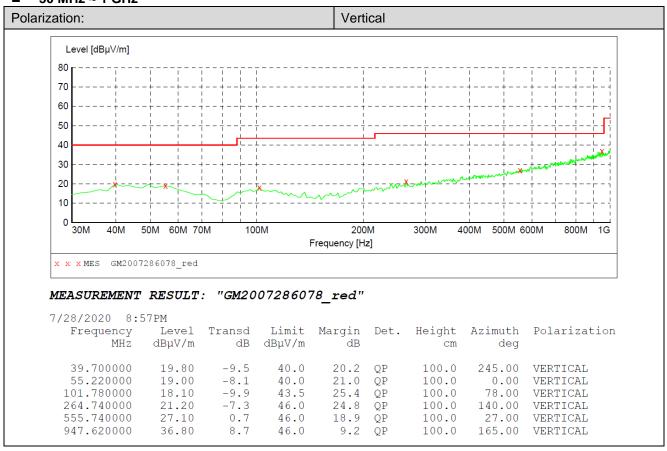
- 1) Above 1GHz Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2) The emission levels of other frequencies are very lower than the limit and not show in test report.

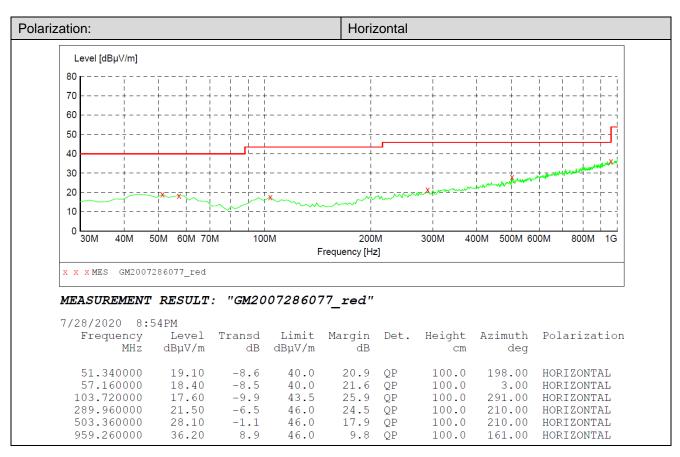
Radiated Spurious Emissions

■ 9 kHz ~ 30 MHz

The EUT was pre-scanned the frequency band (9 kHz \sim 30 MHz), found the radiated level lower than the limit, so don't show on the report.

■ 30 MHz ~ 1 GHz





■ 1 GHz ~25 GHz

Channel:2	2420					Polarizati	on: Horizor	ntal		
Mar	k	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1		1198.10	37.30	25.59	5.09	36.65	31.33	74.00	-42.67	Peak
2	2	3233.26	35.47	28.77	8.83	36.88	36.19	74.00	-37.81	Peak
3	1	5022.19	31.30	32.03	11.54	35.30	39.57	74.00	-34.43	Peak
4	1	8063.40	31.13	37.20	14.28	33.32	49.29	74.00	-24.71	Peak

Channel:2420						Polarization: Vertical			
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2252.46	33.40	28.10	7.23	37.42	31.31	74.00	-42.69	Peak
2	4871.10	30.80	31.40	11.51	35.16	38.55	74.00	-35.45	Peak
3	7860.74	31.39	36.64	14.49	33.28	49.24	74.00	-24.76	Peak

Channel:244	1		Polarization: Horizontal						
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	1195.05	36.49	25.58	5.08	36.65	30.50	74.00	-43.50	Peak
2	3607.26	33.47	29.40	10.08	36.96	35.99	74.00	-38.01	Peak
3	5311.47	32.06	31.42	12.01	35.41	40.08	74.00	-33.92	Peak
4	8377.24	31.31	36.61	14.95	33.68	49.19	74.00	-24.81	Peak

Channe							Polarization: Vertical						
M	ark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark			
	1	1270.33	36.06	25.94	5.32	36.42	30.90	74.00	-43.10	Peak			
	2	3160.03	34.68	28.98	8.69	37.15	35.20	74.00	-38.80	Peak			
	3	5284.50	31.14	31.40	11.92	35.38	39.08	74.00	-34.92	Peak			
	4	8355.94	31.45	36.52	14.81	33.68	49.10	74.00	-24.90	Peak			

Chan	nel:246	2			Polarization: Horizontal					
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	1188.98	36.92	25.56	5.08	36.66	30.90	74.00	-43.10	Peak
	2	3507.65	34.09	29.13	9.55	36.64	36.13	74.00	-37.87	Peak
	3	5703.86	31.57	31.90	12.47	34.90	41.04	74.00	-32.96	Peak
	4	8145.93	31.63	37.02	14.43	33.40	49.68	74.00	-24.32	Peak

Channel:246	52			Polarization: Vertical					
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	1260.67	35.66	25.92	5.29	36.46	30.41	74.00	-43.59	Peak
2	3151.99	34.52	29.00	8.68	37.18	35.02	74.00	-38.98	Peak
3	3963.52	33.53	29.90	10.10	36.46	37.07	74.00	-36.93	Peak
4	8042.90	30.66	37.19	14.28	33.31	48.82	74.00	-25.18	Peak

Remark:

- 1. Final Level =Receiver Read level + Factor
- 2. Factor = Antenna Factor + Cable Loss Preamplifier Factor
- 3. The peak level is lower than average limit(54dBuV/m), this data is the too weak instrument of signal is unable to test.
- 4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Bandedge Emission

annel:242	0			Polarization: Horizontal					
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Preamp dB	Level dBuV/m	Limit dBuV/m			
1	2310.00	31.94	27.96	7.30	37.56	29.64	74.00	-44.36	Peak
2	2382.96	38.53	27.73	7.68	37.47	36.47	74.00	-37.53	Peak
3	2384.81	39.17	27.73	7.69	37.46	37.13	74.00	-36.87	Peak
4	2390.03	31.37	27.72	7.72	37.45	29.36	74.00	-44.64	Peak
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2310.00	26.09	27.96	7.30	37.56	23.79	54.00	-30.21	Average
2	2383.53	35.52	27.73	7.69	37.47	33.47	54.00	-20.53	Average
3	2384.69	33.95	27.73	7.69	37.46	31.91	54.00	-22.09	Average
4	2390.03	24.12	27.72	7.72	37.45	22.11	54.00	-31.89	Average

annel:242	0			Polarization: Vertical					
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2310.00	34.52	27.96	7.30	37.56	32.22	74.00	-41.78	Peak
2	2390.03	34.41	27.72	7.72	37.45	32.40	74.00	-41.60	Peak
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2310.00	27.08	27.96	7.30	37.56	24.78	54.00	-29.22	Average
2	2390.03	24.75	27.72	7.72	37.45	22.74	54.00	-31.26	Average

annel:246	2	Polarization: Horizontal							
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2483.49	24.55	27.43	7.80	37.26	22.52	54.00	-31.48	Average
2	2483.70	27.78	27.43	7.80	37.26	25.75	54.00	-28.25	Average
3	2498.35	28.40	27.40	7.81	37.26	26.35	54.00	-27.65	Average
4	2500.00	26.34	27.40	7.81	37.26	24.29	54.00	-29.71	Average
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	P <mark>ream</mark> p dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	2483.49	33.10	27.43	7.80	37.26	31.07	74.00	-42.93	Peak
2	2485.94	37.51	27.43	7.80	37.26	35.48	74.00	-38.52	Peak
3	2494.93	38.40	27.41	7.81	37.26	36.36	74.00	-37.64	Peak
4	2500.00	32.25	27,40	7.81	37.26	30,20	74.00	-43.80	Peak

Chanr	hannel:2462						Polarization: Vertical					
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark			
	1	2483.49	28.80	27.43	7.80	37.26	26.77	54.00	-27,23	Average		
	2	2484.22	31.51	27.43	7.80	37.26	29.48	54.00	-24.52	Average		
	3	2499.61	30.75	27.40	7.81	37.26	28.70	54.00	-25.30	Average		
	4	2500.00	25.54	27.40	7.81	37.26	23.49	54.00	-30.51	Average		
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark		
	1	2483.49	32.61	27.43	7.80	37.26	30.58	74.00	-43.42	Peak		
	2	2484.82	39.99	27.43	7.80	37.26	37.96	74.00	-36.04	Peak		
	3	2496.92	38.90	27.41	7.81	37.26	36.86	74.00	-37.14	Peak		
	4	2500.00	32.74	27.40	7.81	37.26	30.69	74.00	-43.31	Peak		

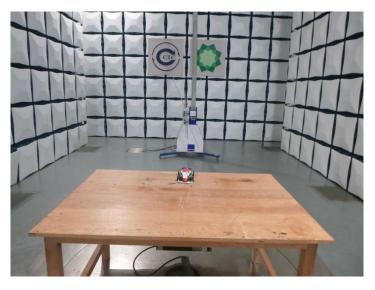
Remark

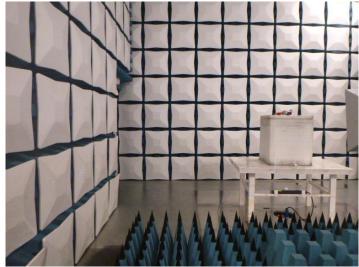
- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. The peak level is lower than average limit(54dBuV/m), this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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6. TEST SETUP PHOTOS OF THE EUT

Radiated Emissions

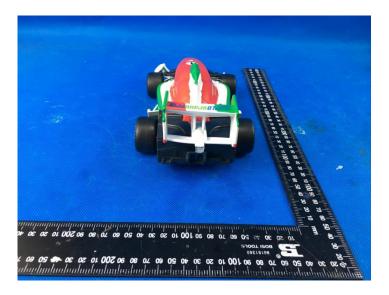




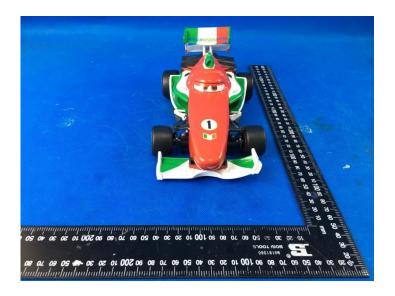
7. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

External Photos

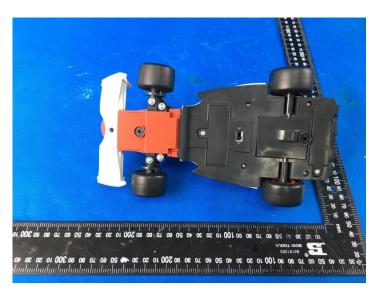




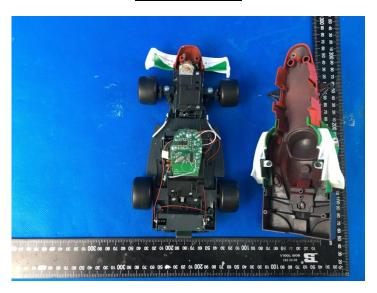


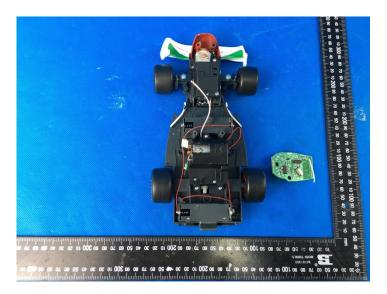


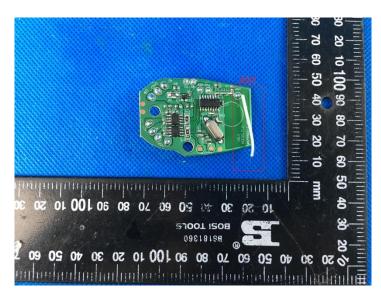


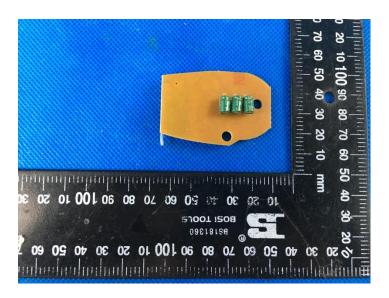


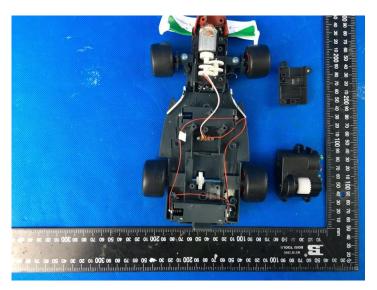
Internal Photos











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