

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Report No: CCISE170806001

FCC REPORT

Applicant: Automotive Data Solutions Inc.

Address of Applicant: 8400 Bougainville Montreal Quebec Canada H4P 2G1

Equipment Under Test (EUT)

Product Name: CAR ALARM (TWO WAY)

Model No.: TR2650A, TR2652AX

FCC ID: 2AEPJ-TR2650A

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

Date of sample receipt: 05 Jul., 2017

Date of Test: 05 Jul., to 11 Jul., 2017

Date of report issued: 12 Jul, 2017

Test Result: PASS*

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Bruce Zhang Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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2 Version

Version No.	Date	Description
00	12 Jul, 2017	Original

Tested by: Mike OU Date: 12 Jul, 2017

Test Engineer

Reviewed by: 2 Jul, 2017

Project Engineer



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4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	N/A
Conducted Peak Output Power	15.247 (b)(3)	Pass
6dB Emission Bandwidth	15.247 (a)(2)	Pass
Power Spectral Density	15.247 (e)	Pass
Band Edge	15.247(d)	Pass
Spurious Emission	15.205/15.209	Pass

Pass: The EUT complies with the essential requirements in the standard.

N/A: Not applicable for battery-powered equipment.



5 General Information

5.1 Client Information

Applicant:	Automotive Data Solutions Inc.
Address of Applicant:	8400 Bougainville Montreal Quebec Canada H4P 2G1
Manufacturer/ Factory:	DONGGUAN PORTMAN ELECTRONIC SCIENCE AND TECHNOLOGY CO., LTD
Address of Manufacturer/ Factory:	NO.10, LUYI 2 ROAD, TANGXIA TOWN, DONGGUAN CITY, GUANGDONG PROVINCE CHINA

5.2 General Description of E.U.T.

Product Name:	CAR ALARM (TWO WAY)
Model No.:	TR2650A, TR2652AX
Operation Frequency:	915 MHz
Channel numbers:	1
Modulation technology:	LoRa
Antenna Type:	Internal Antenna
Antenna gain:	-1.25dBi
Power supply:	DC 3V CR2450 battery
Remark:	The No.: TR2650A, TR2652AX were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being model name for different areas.



5.3 Test environment and mode

Operating Environment:			
Temperature:	24.0 °C		
Humidity:	54 % RH		
Atmospheric Pressure:	1010 mbar		
Test mode:			
Operation mode	Keep the EUT in continuous transmitting with modulation		

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The sample was placed 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

5.4 Measurement Uncertainty

Items	Expanded Uncertainty (Confidence of 95%)
Conducted Emission (9kHz ~ 30MHz)	2.14 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	4.24 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	4.35 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	4.44 dB (k=2)
Radiated Emission (18GHz ~ 26.5GHz)	4.56 dB (k=2)

5.5 Description of Support Units

N/A

5.6 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

• FCC - Registration No.: 817957

Shenzhen Zhongjian Nanfang Testing 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 out files. Registration 817957, February 27, 2012.

• IC - Registration No.: 10106A-1

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

• CNAS - Registration No.: CNAS L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

5.7 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,

Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info@ccis-cb.com, Website: http://www.ccis-cb.com

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366



5.8 Test Instruments list

Radia	Radiated Emission:					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
1	3m SAC	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	08-23-2014	08-22-2017
2	BiConiLog Antenna	SCHWARZBECK	VULB9163	CCIS0005	02-25-2017	02-24-2018
3	Horn Antenna	SCHWARZBECK	BBHA9120D	CCIS0006	02-25-2017	02-24-2018
4	Pre-amplifier (10kHz-1.3GHz)	HP	8447D	CCIS0003	02-25-2017	02-24-2018
5	Pre-amplifier (1GHz-18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	02-25-2017	02-24-2018
6	Pre-amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	02-25-2017	02-24-2018
7	Horn Antenna	ETS-LINDGREN	3160	GTS217	02-25-2017	02-24-2018
8	Spectrum analyzer 9k-30GHz	Rohde & Schwarz	FSP30	CCIS0023	02-25-2017	02-24-2018
9	EMI Test Receiver	Rohde & Schwarz	ESRP7	CCIS0167	02-25-2017	02-24-2018
10	Loop antenna	Laplace instrument	RF300	EMC0701	02-25-2017	02-24-2018
11	EMI Test Software	AUDIX	E3	N/A	N/A	N/A

Cond	Conducted Emission:					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
1	Shielding Room	ZhongShuo Electron	11.0(L)x4.0(W)x3.0(H)	CCIS0061	08-23-2014	08-22-2017
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	02-25-2017	02-24-2018
3	LISN	CHASE	MN2050D	CCIS0074	02-25-2017	02-24-2018
4	Coaxial Cable	CCIS	N/A	CCIS0086	02-25-2017	02-24-2018
5	EMI Test Software	AUDIX	E3	N/A	N/A	N/A



6 Test results and Measurement Data

6.1 Antenna requirement:

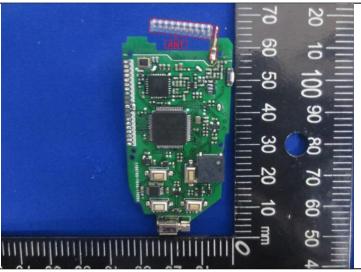
Standard requirement: FCC Part15 C Section 15.203 /247(c)

15.203 requirement:

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, 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.

E.U.T Antenna:

The antenna is an internal antenna which cannot replace by end-user, the best case gain of the antennais-1.25dBi.





6.2 Conducted Output Power

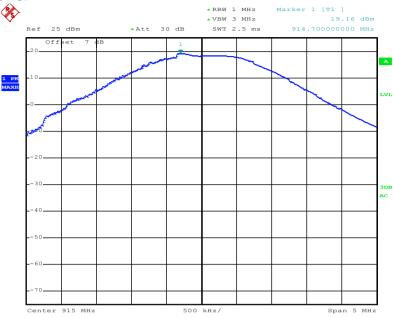
Test Requirement:	FCC Part15 C Section 15.247 (b)(3)	
•		
Test Method:	ANSI C63.10:2013 and KDB558074v01r04 section 9.2.2	
Limit:	30dBm	
Test setup:		
	Spectrum Analyzer E.U.T Non-Conducted Table	
	Ground Reference Plane	
Test Instruments:	Refer to section 5.8 for details	
Test mode:	Refer to section 5.3 for details	
Test results:	Passed	

Measurement Data

Test Frequency	Maximum Conducted Output Power (dBm)	Limit(dBm)	Result
915 MHz	19.16	30.00	Pass



Test plot as follows:



Date: 5.JUL.2017 11:17:03



6.3 Occupy Bandwidth

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)	
Test Method:	ANSI C63.10:2013 and KDB558074v01r04 section 8.1	
Limit:	>500kHz	
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane	
Test Instruments:	Refer to section 5.8 for details	
Test mode:	Refer to section 5.3 for details	
Test results:	Passed	

Measurement Data:

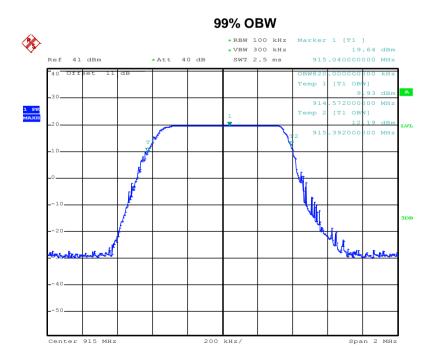
mododi omoni Datai			
Test Frequency	6dB Emission Bandwidth (MHz)	Limit(kHz)	Result
915 MHz	0.788	>500	Pass
Test Frequency	99% Occupy Bandwidth (MHz)	Limit(kHz)	Result
915 MHz	0.820	N/A	N/A



Test plot as follows:



Date: 5.JUL.2017 12:04:09



Date: 5.JUL.2017 13:51:32



6.4 Power Spectral Density

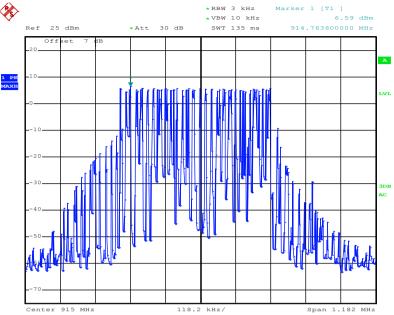
Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	ANSI C63.10:2013 and KDB558074v01r04 section 10.3
Limit:	8dBm
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

Test Frequency	Power Spectral Density (dBm)	Limit(dBm)	Result
915 MHz	6.59	8.00	Pass



Test plots as follow:



Date: 5.JUL.2017 11:20:35



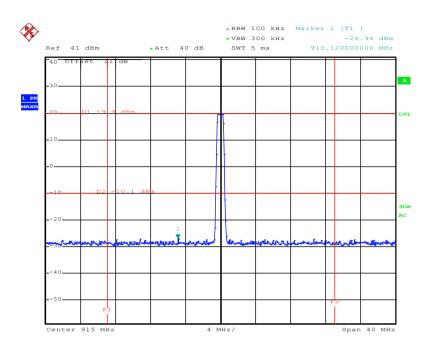
6.5 Band Edge

6.5.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)				
Test Method:	ANSI C63.10:2013 and KDB558074v01r04 section 13				
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.				
Test setup:					
	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane				
Test Instruments:	Refer to section 5.8 for details				
Test mode:	Refer to section 5.3 for details				
Test results:	Passed				

Test plots as follow:





Date: 5.JUL.2017 12:08:29

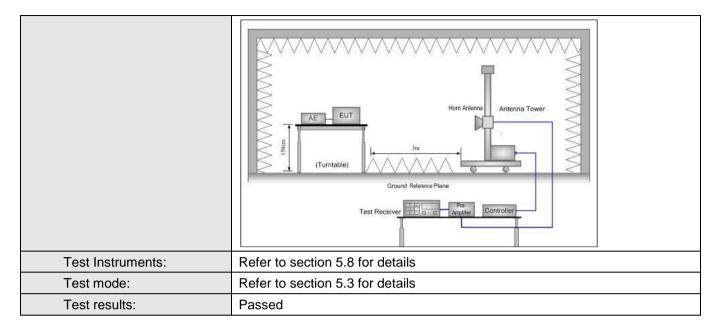


6.5.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.205									
Test Method:	ANSI C63.10: 201	ANSI C63.10: 2013and KDB 558074v01r04 section 12.1								
TestFrequency Range:	960MHz to 1.2400									
Test site:	Measurement Dist	Measurement Distance: 3m								
Receiver setup:	Frequency Detector RBW VBW Remark									
	960MHz-1GHz Quasi-peak 120kHz 300kHz Quasi-peak Value									
	Above 1GHz	Above 1GHz								
Limit:	Frequenc		l in	nit (dBuV/m		Remark				
Littie.	960MHz-10			54.00	Com	Quasi-peak Value				
	Above 1GI	J		54.00		Average Value				
				74.00		Peak Value				
Test Procedure:	/1.5m(above was rotated 3 radiation. 2. The EUT was antenna, which tower. 3. The antenna ground to det horizontal and measurement 4. For each suspand then the and the rotate maximum reator and the emission limit specified EUT would be 10dB margin.	nGHz) about 60 degrees as the set 3 metron was more theight is valued by the sected eminantenna was believed to the sected eminantenna was the sected	ers a unted aried max olariz issior as tui irned n was m Ho he El ing co Othe e-tes	way from the don the top from one mimum value the top from 0 deg f	t a 3 meter ne position ne interfere of a varia neter to for e of the fier he antenna was arrang hts from 1 rees to 36 k Detect I mode was oped and the emissions one using	en 0.8m(below 1GHz) er chamber. The table of the highest ence-receiving able-height antenna ur meters above the ald strength. Both a are set to make the ged to its worst case meter to 4 meters of degrees to find the ence-receiving are set to make the ged to its worst case meter to 4 meters of degrees to find the ence-receiving are set to make the ged to its worst case meter to 4 meters of degrees to find the the peak values of the that did not have peak, quasi-peak or a data sheet.				
Test setup:	Below 1GHz EUT Turr Table Ground I	3m <	,			Antenna Tower Search Antenna RF Test Receiver				





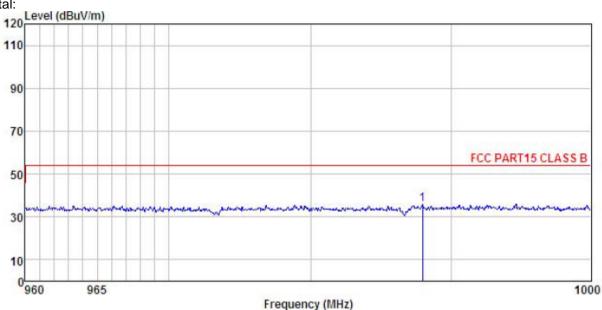






Test channel: Lower band edge

Horizontal:



: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M2G) HORIZONTAL : CAR ALARM (TWO WAY) Condition

EUT

Model : TR2650A Test mode : TX mode Power Rating : DC 3V

Environment : Temp: 25.5°C Huni: 55%

Test Engineer: Mike Remark :

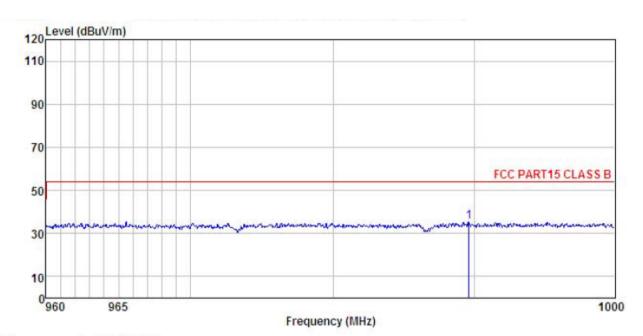
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
-	MHz	dBu∜	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	987.909	10.01	21.65	4.41	0.00	36.07	54.00	-17.93	QP





Test channel: Lower band edge

Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M2G) VERTICAL : CAR ALARM (TWO WAY) Condition

EUT

Model : TR2650A Test mode : TX mode
Power Rating : DC 3V
Environment : Temp:25.5°C Huni:55%

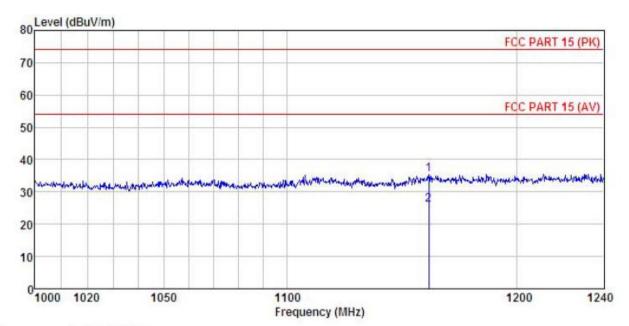
Test Engineer: Mike

Remark

	Freq		Antenna Factor						
	MHz	dBu∜	<u>dB</u> /m	<u>d</u> B	<u>d</u> B	dBuV/m	dBuV/m	<u>d</u> B	
1	989.564	9.26	21.67	4.41	0.00	35.34	54.00	-18.66	QP



Test channel: Higher band edge



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(1G18G) HORIZONTAL : CAR ALARM (TWO WAY) Condition

: CAR ALARM (TWO WAY)

Model : TR2650A

Test mode : TX mode

Power Rating : DC 3V

Environment : Temp:25.5°C Huni:55%

Test Engineer: Mike

Remark :

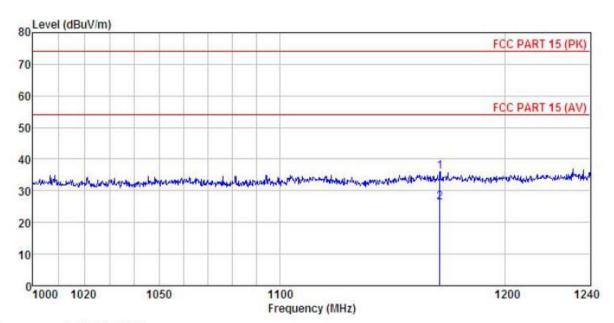
.emar	к :								
	Freq		Antenna Factor						
85	MHz	dBu∜	dB/m	dB	₫B	dBuV/m	dBuV/m	<u>dB</u>	
1	1160.507	47.23	23.75	3.26	41.12	35.52	74.00	-38.48	Peak
2	1160.507	37.71	23.75	3.26	41.12	26.00	54.00	-28.00	Average





Test channel: Higher band edge

Vertical:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(1G18G) VERTICAL Condition

: CAR ALARM (TWO WAY) EUT

: TR2650A Model Test mode : TX mode
Power Rating : DC 3V
Environment : Temp:25.5°C Huni:55%

Test Engineer: Mike

Remark

ешаг.		Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
i.	MHz	dBu∀	<u>dB</u> /m	dB	āB	dBuV/m	dBuV/m	dB	
1 2	1170.032 1170.032	47.62 37.94	23.70 23.70	3.27 3.27	41.11 41.11	35.91 26.23	74.00 54.00	-38.09 -27.77	Peak Average



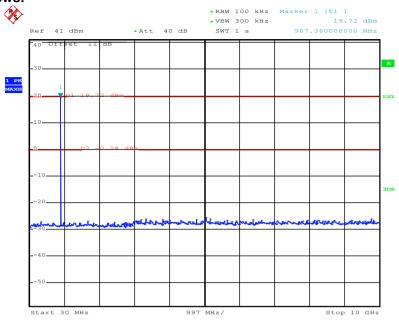
6.6 Spurious Emission

6.6.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)					
Test Method:	ANSI C63.10:2013 and KDB558074 section 11					
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.					
Test setup:						
	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane					
Test Instruments:	Refer to section 5.8 for details					
Test mode:	Refer to section 5.3 for details					
Test results:	Passed					



Test plot as follows:



Date: 5.JUL.2017 13:44:35

30MHz~10GHz



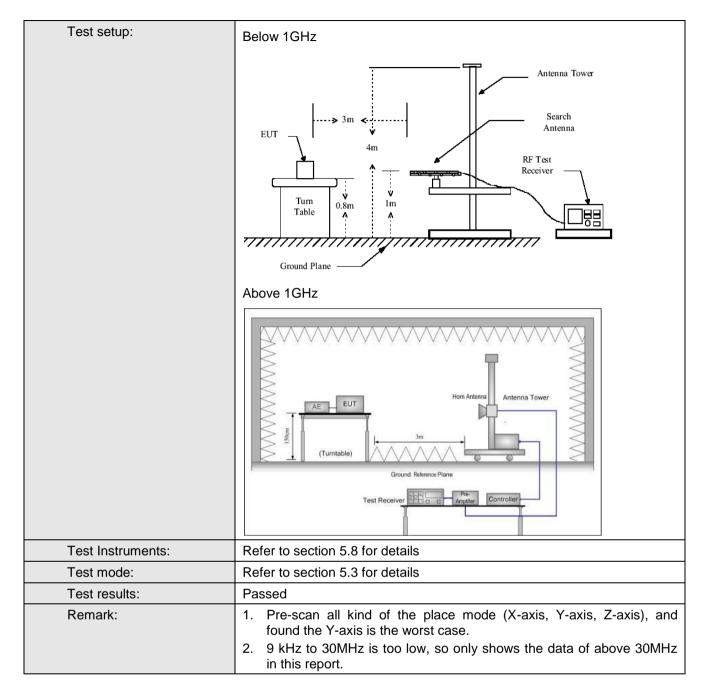


6.6.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.205						
Test Method:	ANSI C63.10:2013						
TestFrequency Range:	9KHz to 25GHz						
Test site:	Measurement D	istance: 3m					
Receiver setup:	Frequency	Detector	RBW	VBW	Remark		
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value		
	Above 1GHz	Peak	1MHz	3MHz	Peak Value		
	Above IGIIZ	RMS	1MHz	3MHz	Average Value		
Limit:	Frequency		Limit (dBuV/m	@3m)	Remark		
	30MHz-88MHz		40.0		Quasi-peak Value		
	88MHz-216MHz	<u>'</u>	43.5		Quasi-peak Value		
	216MHz-960MH		46.0		Quasi-peak Value		
	960MHz-1GHz		54.0		Quasi-peak Value		
	Above 1GHz	 	54.0		Average Value		
Test Procedure:			74.0		Peak Value g table 0.8m(below		
	The table of highest rad 2. The EUT antenna, we tower. 3. The antenre the ground Both horizon make the new to find the rest and to find the rest specified E. 5. The test-rest specified E. 6. If the emission the limit specified EUT have 10dB	was rotated 3 liation. was set 3 m hich was mount in a height is very limited to determine the anterest of the rotatable maximum read the rotatable maximum	eters away funted on the trailed from or the maximutical polarizations, the Enna was tuned was turned from was set of Maximum He EUT in peesting could be orted. Other to be re-tested	rom the in op of a varium value or ions of the EUT was and to height from 0 degrate Dold Mode. The stopped awise the end one by one	a 3 meter chamber. The the position of the sterference-receiving able-height antenna of four meters above of the field strength. The antenna are set to stranged to its worst of from 1 meter to 4 meters to 360 degrees the strength and the peak values missions that did not be using peak, quasi-reported in a data		





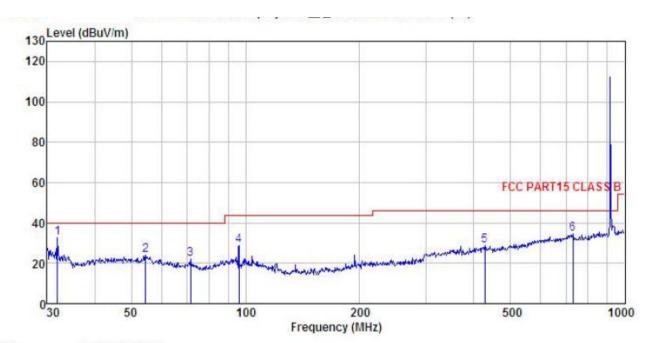






Below 1GHz

Horizontal:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M2G) HORIZONTAL : CAR ALARM (TWO WAY) Condition

EUT

Model : TR2650A Test mode : TX mode Power Rating : DC 3V

Environment : Temp: 25.5°C Huni: 55%

Test Engineer: Mike

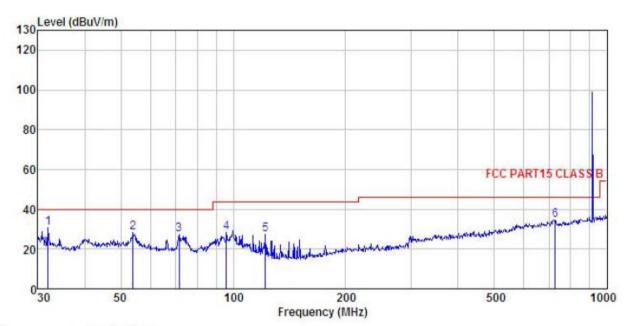
Remark

CHAIR									
	Freq		Antenna Factor						
-	MHz	dBu∜	─dB/m	₫B	dB	dBuV/m	dBuV/m	dB	
1	31.955	50.37	11.43	0.85	29.97	32.68	40.00	-7.32	QP
2	54.452	38.49	13.76	1.34	29.80	23.79	40.00	-16.21	QP
3	71.581	40.34	9.86	1.56	29.71	22.05	40.00	-17.95	QP
4	96.099	44.63	11.67	2.00	29.55	28.75	43.50	-14.75	QP
2 3 4 5	428.019	38.88	15.60	3.15	28.83	28.80	46.00	-17.20	QP
6	729.358	39.05	19.67	4.29	28.56	34.45	46.00	-11.55	QP





Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M2G) VERTICAL : CAR ALARM (TWO WAY) Condition

EUT

: TR2650A Model Test mode : TX mode Power Rating : DC 3V Environment : Temp:25.5°C Huni:55%

Test Engineer: Mike

Remark

TOMALK		ReadAntenna		Cable	Preamp		Limit	Over	
	Freq		Factor					Limit	Remark
-	MHz	dBu∜	dB/m	dB	dB	dBuV/m	dBu√/m	<u>dB</u>	
1	31.955	48.44	11.43	0.85	29.97	30.75	40.00	-9.25	QP
2	53.882	42.91	13.76	1.34	29.80	28.21	40.00	-11.79	QP
3	71.581	45.80	9.86	1.56	29.71	27.51	40.00	-12.49	QP
4	95.762	44.58			29.55	28.44	43.50	-15.06	QP
2 3 4 5	121.976	44.64	9.96	2.19	29.38	27.41	43.50	-16.09	QP
6	726.805	38.96	19.68	4.28	28.57	34.35	46.00	-11.65	QP





Above 1GHz

Peak value										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
1830.00	59.22	23.17	4.15	41.27	45.27	74.00	-28.73	Vertical		
2745.00	52.64	24.67	5.08	41.72	40.67	74.00	-33.33	Vertical		
3660.00	50.32	29.33	5.95	41.62	43.98	74.00	-30.02	Vertical		
4575.00	46.62	34.89	6.87	42.12	46.26	74.00	-27.74	Vertical		
5490.00	50.78	34.66	7.55	41.89	51.10	74.00	-22.90	Vertical		
6405.00	49.05	35.91	8.24	41.92	51.28	74.00	-22.72	Vertical		
1830.00	56.40	23.17	4.15	41.27	42.45	74.00	-31.55	Horizontal		
2745.00	56.52	24.67	5.08	41.72	44.55	74.00	-29.45	Horizontal		
3660.00	50.08	29.33	5.95	41.62	43.74	74.00	-30.26	Horizontal		
4575.00	48.38	34.89	6.87	42.12	48.02	74.00	-25.98	Horizontal		
5490.00	46.96	34.66	7.55	41.89	47.28	74.00	-26.72	Horizontal		
6405.00	50.93	35.91	8.24	41.92	53.16	74.00	-20.84	Horizontal		
				Average valu	ie					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
1830.00	54.10	23.17	4.15	41.27	40.15	54.00	-13.85	Vertical		
2745.00	48.45	24.67	5.08	41.72	36.48	54.00	-17.52	Vertical		
3660.00	46.32	29.33	5.95	41.62	39.98	54.00	-14.02	Vertical		
4575.00	42.23	34.89	6.87	42.12	41.87	54.00	-12.13	Vertical		
5490.00	46.67	34.66	7.55	41.89	46.99	54.00	-7.01	Vertical		
6405.00	45.35	35.91	8.24	41.92	47.58	54.00	-6.42	Vertical		
1830.00	54.86	23.17	4.15	41.27	40.91	54.00	-13.09	Horizontal		
2745.00	51.20	24.67	5.08	41.72	39.23	54.00	-14.77	Horizontal		
3660.00	46.42	29.33	5.95	41.62	40.08	54.00	-13.92	Horizontal		
4575.00	44.23	34.89	6.87	42.12	43.87	54.00	-10.13	Horizontal		
5490.00	42.38	34.66	7.55	41.89	42.70	54.00	-11.30	Horizontal		
6405.00	47.36	35.91	8.24	41.92	49.59	54.00	-4.41	Horizontal		

Remark:

^{1.} 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.