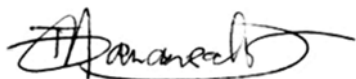


RF TEST REPORT



Report No.: FCC_RF_SL15080301-ZBR-026_RFID_Rev. 2.0
Supersede Report No.: FCC_RF_SL15080301-ZBR-026_RFID_Rev. 1.0

Applicant	Zebra Technologies Corporation
Host Product Name	Retransfer Card Printer
Host Model No.	ZXP Series 9
RFID Module Model Name	RFID Limited Module
RFID Module Model No.	ZXP Series 8
Test Standard	47 CRF 15.225: 2014 RSS-210 Issue 8: 2010
Test Method	ANSI C63.10: 2013 RSS Gen Issue 4 2014
FCC ID	I28RFID-MAICD-01
IC ID	3798A-MAICD01
Date of test	08/07/2015 to 08/13/2015
Issue Date	12/02/2015
Test Result	<u>Pass</u> Fail
Equipment complied with the specification	[x]
Equipment did not comply with the specification	[]
	
Teody Manansala	Nima Molaei
Test Engineer	Engineer Reviewer
This test report may be reproduced in full only Test result presented in this test report is applicable to the tested sample only	

Issued By:
SIEMIC Laboratories
775 Montague Expressway, Milpitas, 95035 CA



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Laboratory Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

Accreditations for Conformity Assessment

Country/Region	Accreditation Body	Scope
USA	FCC, A2LA	EMC, RF/Wireless, Telecom
Canada	IC, A2LA, NIST	EMC, RF/Wireless, Telecom
Taiwan	BSMI, NCC, NIST	EMC, RF, Telecom, Safety
Hong Kong	OFTA, NIST	RF/Wireless, Telecom
Australia	NATA, NIST	EMC, RF, Telecom, Safety
Korea	KCC/RA, NIST	EMI, EMS, RF, Telecom, Safety
Japan	VCCI, JATE, TELEC, RFT	EMI, RF/Wireless, Telecom
Mexico	NOM, COFETEL, Caniety	EMC, RF/Wireless, Telecom, Safety
Europe	A2LA, NIST	EMC, RF, Telecom, Safety
Israel	MOC, NIST	EMC, RF, Telecom, Safety

Accreditations for Product Certifications

Country	Accreditation Body	Scope
USA	FCC TCB, NIST	EMC, RF, Telecom
Canada	IC FCB, NIST	EMC, RF, Telecom
Singapore	IDA, NIST	EMC, RF, Telecom
EU	NB	EMC & R&TTE Directive
Japan	MIC (RCB 208)	RF, Telecom
Hong Kong	OFTA (US002)	RF, Telecom

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1 Report Revision History

Report No.	Report Version	Description	Issue Date
FCC_RF_SL15080301-ZBR-026_RFID	None	Original	09/28/2015
FCC_RF_SL15080301-ZBR-026_RFID_Rev. 1.0	1.0	Change model name, Change antenna connector	10/07/2015
FCC_RF_SL15080301-ZBR-026_RFID_Rev. 2.0	2.0	Add remarks in the test summary table	12/02/2015

2 Executive Summary

The purpose of this test program was to demonstrate compliance of following product

Company: Zebra Technologies Corporation
Product: RFID Limited Module
Model: ZXP Series 8

against the current Stipulated Standards. The specified model product stated above has demonstrated compliance with the Stipulated Standard listed on 1st page.

3 Customer information

Applicant Name	Zebra Technologies Corporation
Applicant Address	333 Corporate Woods, Vernon Hills, IL, 60061, USA
Manufacturer Name	Zebra Technologies Corporation
Manufacturer Address	333 Corporate Woods, Vernon Hills, IL, 60061, USA

4 Test site information

Lab performing tests	SIEMIC Laboratories
Lab Address	775 Montague Expressway, Milpitas, CA 95035
FCC Test Site No.	881796
IC Test Site No.	4842D-2
VCCI Test Site No.	A0133

5 Modification

Index	Item	Description	Note
-	-	-	-

6 EUT Information

6.1 EUT Description

Host Product Name	Retransfer Card Printer
Host Model No.	ZXP Series 9
RFID Module Model Name	RFID Limited Module
RFID Module Model No.	ZXP Series 8
Trade Name	Zebra
Serial No.	N/A
Input Power	100-240VAC, 50/60Hz, 4A
Power Supply Manufacturer	N/A
Power Adapter SN	N/A
Radio Hardware version (RFID)	404871-001 Rev C
Radio Software version (RFID)	763000 V02.02.00
Test Software version	5.00.00
Date of EUT received	08/01/2015
Equipment Class/ Category	DXX
Operating Frequencies	13.56 MHz
Port/Connectors	Ethernet, USB

6.2 Radio Description

Spec for Radio -

Radio Type	
Operating Frequency	13.56 MHz(RFID)
Modulation	ASK (13.56MHz)
Channel Spacing	N/A
Number of Channels	1(HF RFID)
Antenna Type	PCB Antenna
Antenna Gain	RFID0: -18dBi, RFID1: -16dBi
Antenna Connector Type	RFID0 -Two pin connector, RFID1 - MMCX

6.3 EUT test modes/configuration Description

Test Mode		Note
Pre_test_mode_1	RFID Continuous Transmit	-
Pre_test_mode_2	-	-
Pre_test_mode_3	-	-

6.4 EUT External Photos



EUT – Front View



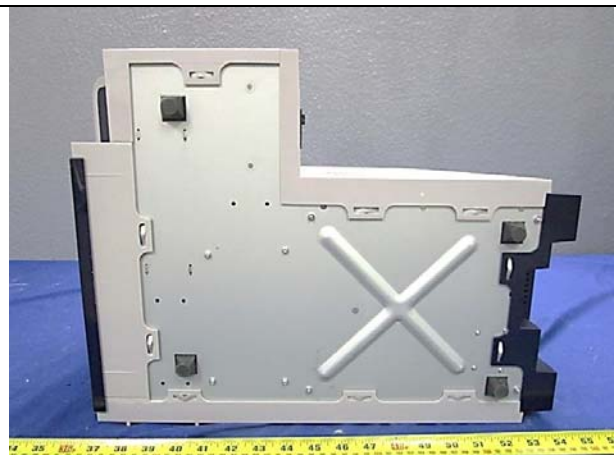
EUT – Rear View



EUT – Left View



EUT – Right View



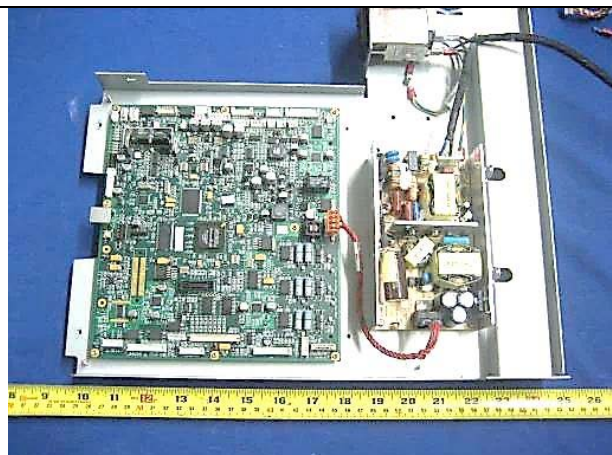
EUT – Top View

EUT – Bottom View

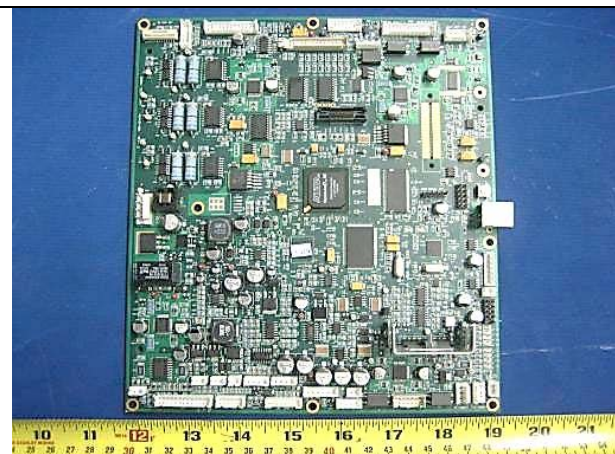
6.5 EUT Internal Photos



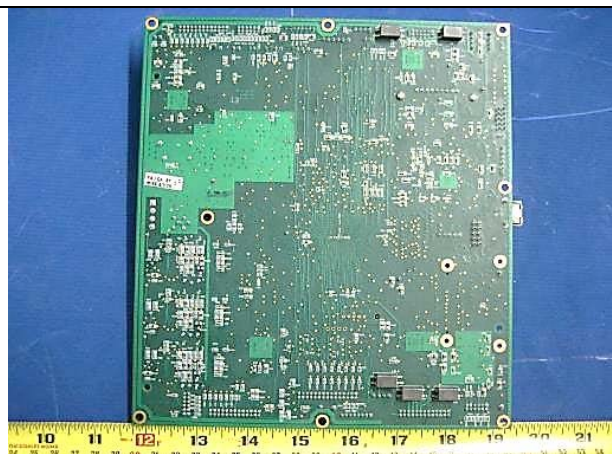
EUT Cover Off View 1



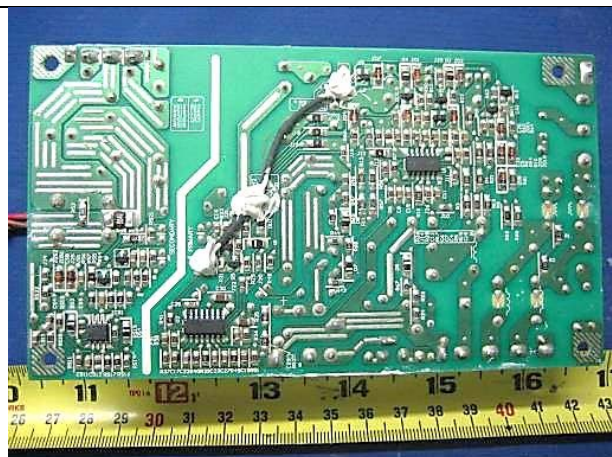
EUT Cover Off View 2



PCBA1 Top View

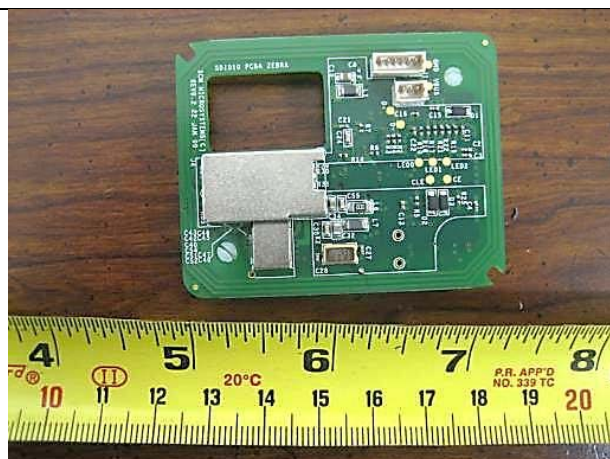


PCBA1 Bottom View



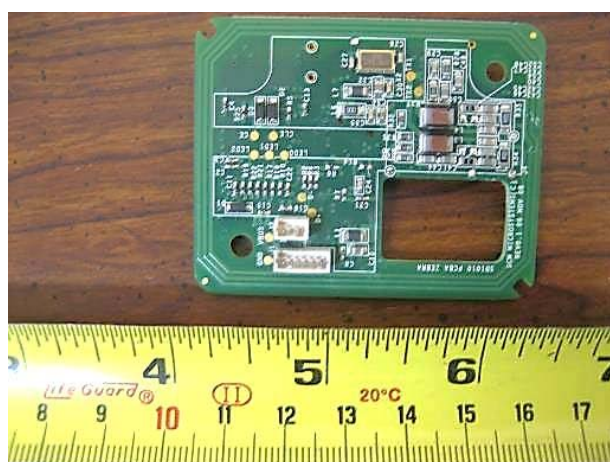
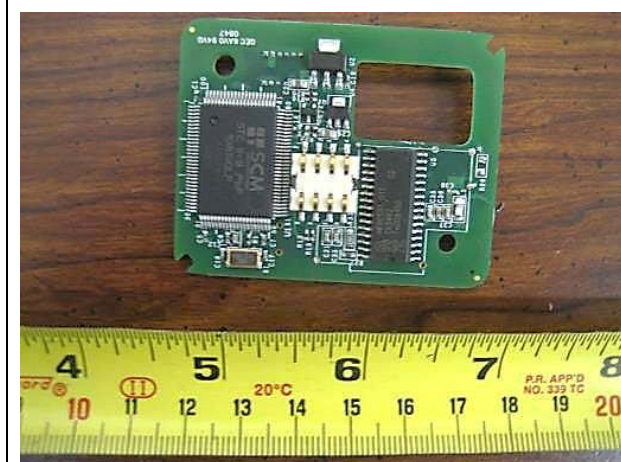
PCBA2 Top View

PCBA2 Bottom View



PCBA6 with Shielding Top View

PCBA6 with Shielding Bottom View

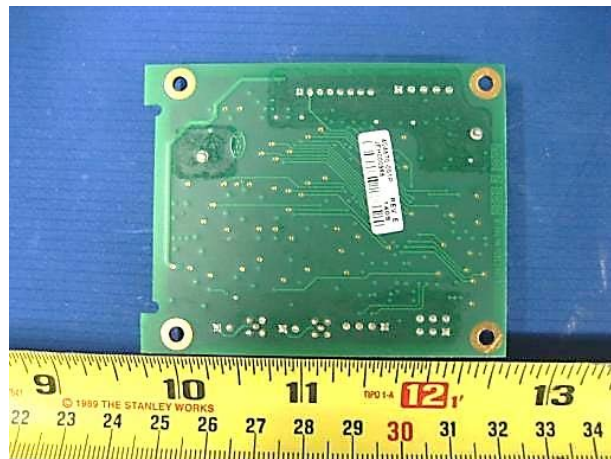


PCBA6 without Shielding Top View

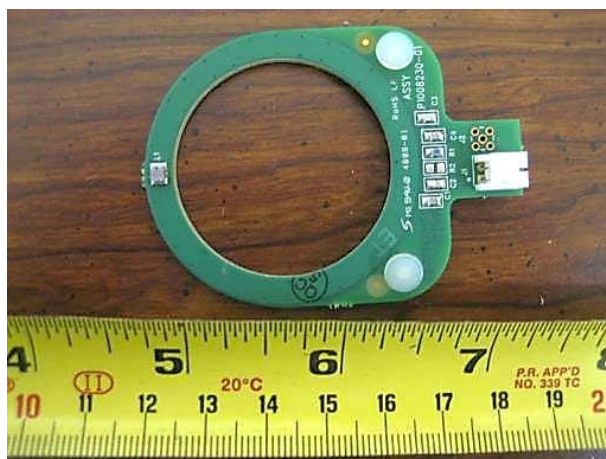
PCBA6 without Shielding Bottom View 1



Radio Board Top View



Radio Board Bottom View



RFID0 Antenna Top View



RFID0 Antenna Bottom View

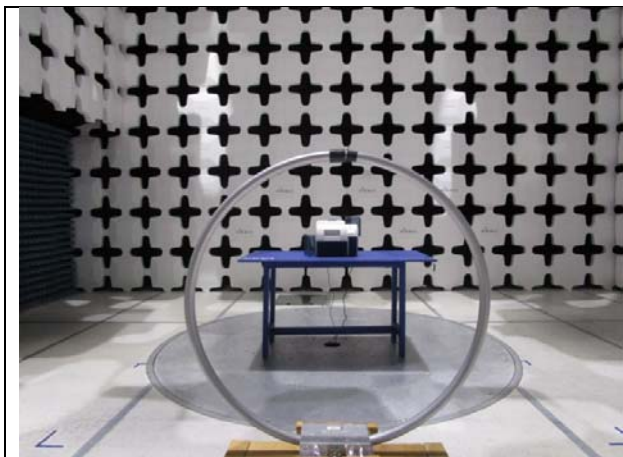


RFID1 Antenna Top View

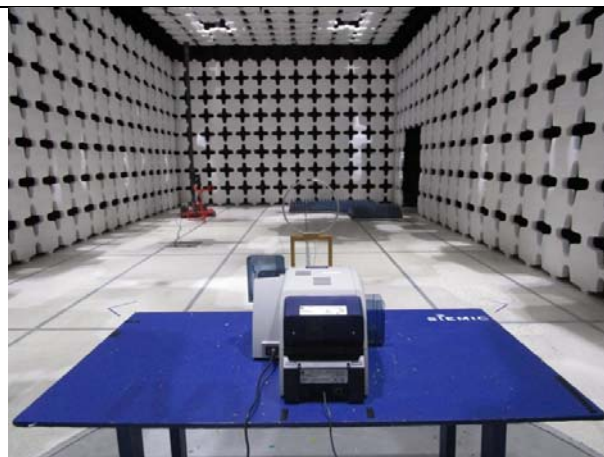


RFID1 Antenna Bottom View

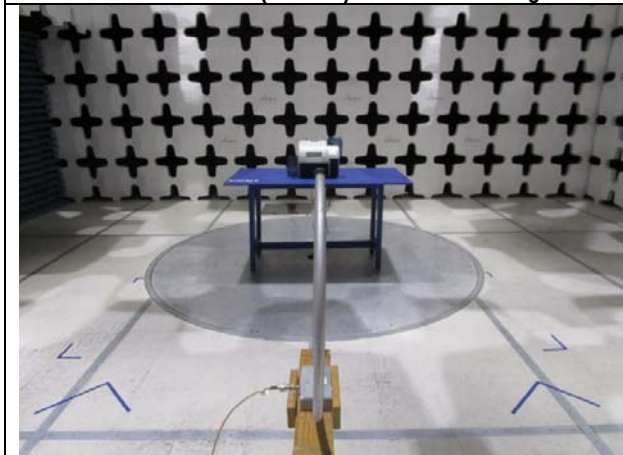
6.6 EUT Test Setup Photos



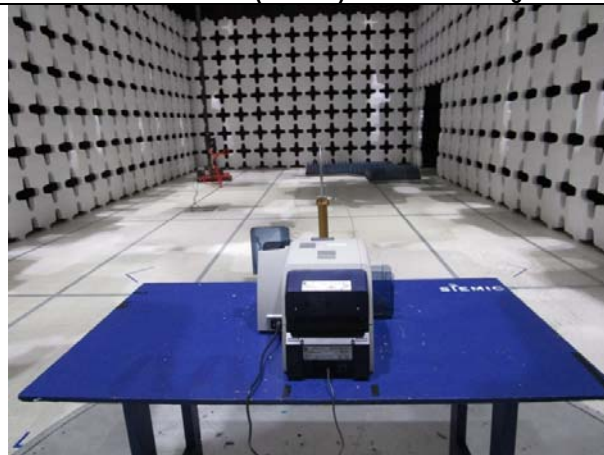
Radiated Emissions (<30MHz) – Front View 0 Degree



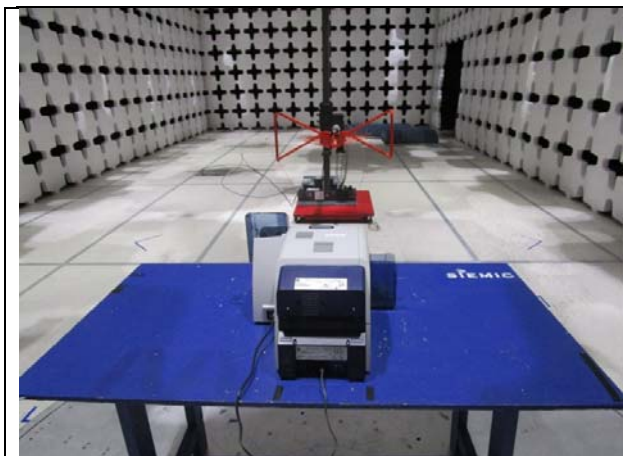
Radiated Emissions (<30MHz) – Rear View 0 Degree



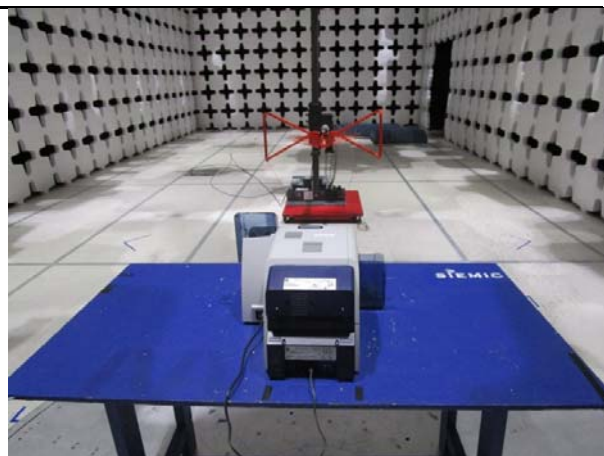
Radiated Emissions (<30MHz) – Front View 90 Degree



Radiated Emissions (<30MHz) – Rear View 90 Degree



Radiated Emissions (30MHz-1GHz) – Front View



Radiated Emissions (30MHz-1GHz) – Rear View

7 Supporting Equipment/Software and cabling Description

7.1 Supporting Equipment

Item	Supporting Equipment Description	Model	Serial Number	Manufacturer	Note
1	Laptop	Thinkpad	R9-NP0D4 12/04	Lenovo	-

7.2 Cabling Description

Name	Connection Start		Connection Stop		Length / shielding Info		Note
	From	I/O Port	To	I/O Port	Length (m)	Shielding	
USB	EUT	I/O	Laptop	USB	1m	No	-

7.3 Test Software Description

Test Item	Software	Description
RF Testing	ZXP Toolbox	Load firmware to printer for compliance testing

8 Test Summary

Test Item	Test standard		Test Method/Procedure		Pass / Fail
Restricted Band of Operation	FCC	15.205	FCC	ANSI C63.10 – 2013	☒ Pass
	IC	RSS Gen	IC		☐ N/A
Radiated Spurious Emissions	FCC	15.225(d)	FCC	ANSI C63.10 – 2013	☒ Pass
	IC	RSS 210(A8.5)	IC	RSS Gen 4 - 2014	☐ N/A
Remark	- All measurement uncertainties do not take into consideration for all presented test results. - The applicant shall ensure frequency stability by showing that an emission is maintained within the band of operation under all normal operating conditions as specified in the user's manual. - Please refer to original radio report SL09010703-ZBR-001_ZXP(15.225)(Media Auth), FCC ID: I28-W2WLAN11G, IC ID: 3798B-W2WLAN11G				

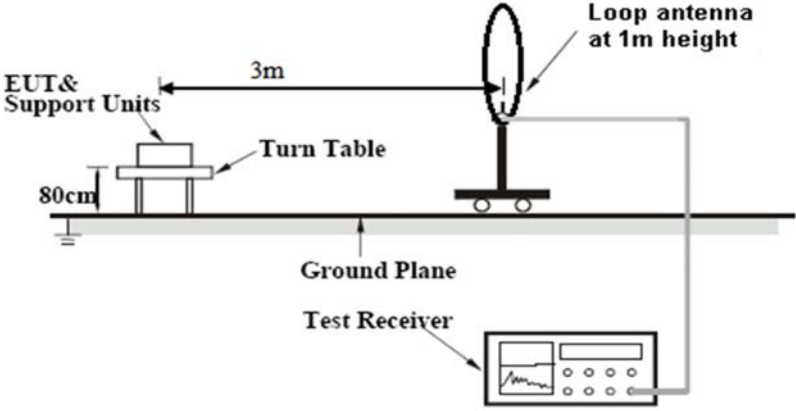
9 Measurement Uncertainty

Emissions			
Test Item	Frequency Range	Description	Uncertainty
Radiated Spurious Emissions	150 kHz – 1GHz	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB
Radiated Spurious Emissions	1GHz – 40GHz	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+4.3dB/-4.1dB

10 Measurements, Examination and Derived Results

10.1 Radiated Spurious Emissions below 30 MHz and Restricted Band of Operation

Requirement(s):

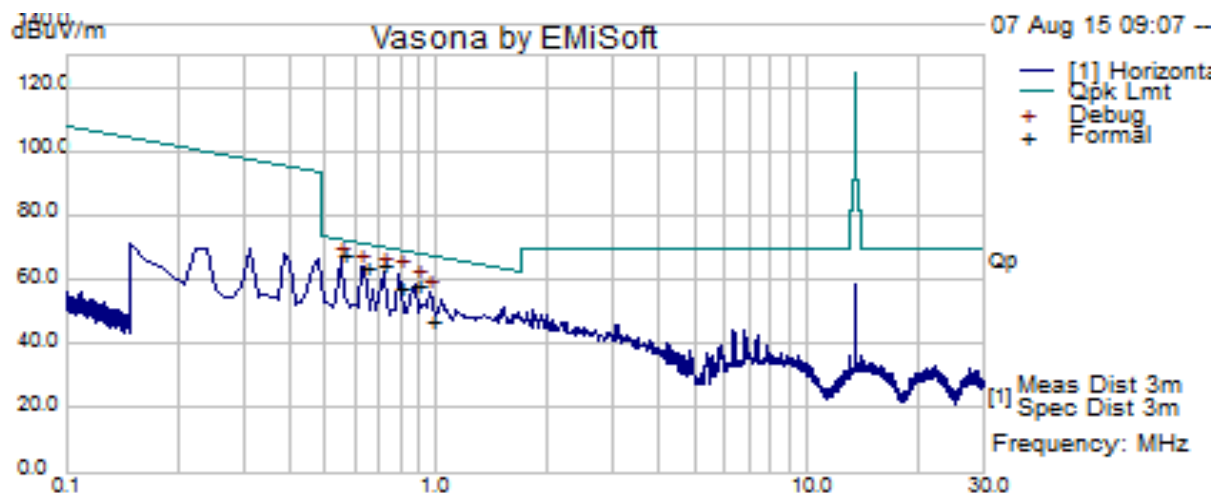
Spec	Requirement	Applicable
47 CFR §15.225 RSS-210 (A2.6)	Operation within the band 13.110–14.010 MHz (a) The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters. (b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters. (c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters. (d) The field strength of any emissions appearing outside of the 13.110–14.010 MHz band shall not exceed the general radiated emission limits in §15.209.	☒
Test Setup		
Procedure	For < 30MHz, Radiated emissions were measured according to ANSI C63.10. The EUT was set to transmit at the highest output power. The EUT was set 3 meter away from the measuring antenna. The loop antenna was positioned 1 meter above the ground from the centre of the loop. The measuring bandwidth was set to 10 kHz. The limit is converted from microvolt/meter to decibel microvolt/meter.	
Test Date	08/26/2015	Environmental conditions
		Temperature 22°C Relative Humidity 40% Atmospheric Pressure 1026mbar
Remark	-	
Result	☒ Pass ☐ Fail	

Test Data ☒ Yes (See below) ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Test specification:	Radiated Spurious Emissions (below 30MHz)			
Environmental Conditions:	Temp(°C):	26	Result:	☒ Pass ☐ Fail
	Humidity (%):	45.6		
	Atmospheric(mbar):	1021		
Mains Power:	120VA, 60Hz			
Tested by:	Teody Manansala			
Test Date:	08/07/2015			
Remarks:	RFID0 13.56MHz @ 0 Degree			

Loop Antenna at 0 Degree

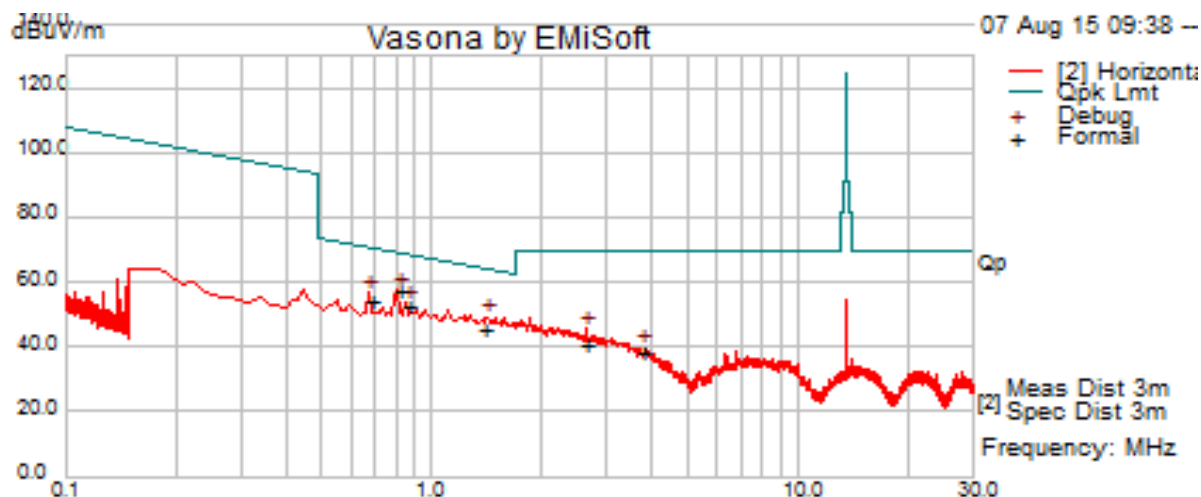


Quasi Max Measurement

Frequency (MHz)	Raw (dBuV)	Cable Loss (dB)	AF (dB)	Level (dBuV/m)	Measurement Type	Pol (V/H)	Hgt (cm)	Azt (Deg)	Limit (dBuV/m)	Margin (dB)	Pass /Fail
0.56	50.20	0.40	16.81	67.40	Quasi Max	H	100.00	18.00	72.63	-5.22	Pass
0.64	47.41	0.41	15.62	63.43	Quasi Max	H	100.00	357.00	71.47	-8.03	Pass
0.80	43.31	0.42	13.86	57.60	Quasi Max	H	100.00	15.00	69.53	-11.93	Pass
0.72	49.19	0.42	14.66	64.27	Quasi Max	H	100.00	16.00	70.45	-6.18	Pass
0.88	44.80	0.43	13.13	58.37	Quasi Max	H	100.00	345.00	68.69	-10.33	Pass
0.96	34.33	0.44	12.33	47.09	Quasi Max	H	100.00	348.00	67.92	-20.83	Pass

Test specification:	Radiated Spurious Emissions (below 30MHz)			
Environmental Conditions:	Temp(°C):	26	Result:	☒ Pass ☐ Fail
	Humidity (%):	45.6		
	Atmospheric(mbar):	1021		
Mains Power:	120VA, 60Hz			
Tested by:	Teody Manansala			
Test Date:	08/07/2015			
Remarks:	RFID0 13.56MHz @ 90 Degree			

Loop Antenna at 90 Degree

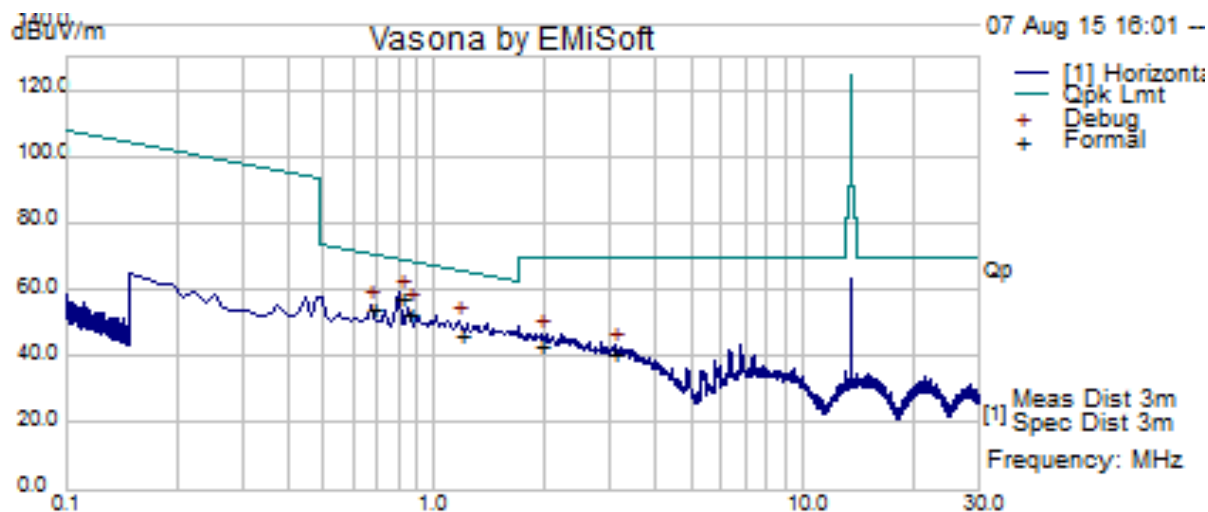


Quasi Max Measurement

Frequency (MHz)	Raw (dBuV)	Cable Loss (dB)	AF (dB)	Level (dBuV/m)	Measurement Type	Pol (V/H)	Hgt (cm)	Azt (Deg)	Limit (dBuV/m)	Margin (dB)	Pass /Fail
0.81	42.94	0.43	13.78	57.14	Quasi Max	H	100.00	283.00	69.43	-12.28	Pass
0.68	38.30	0.41	15.15	53.85	Quasi Max	H	100.00	63.00	70.98	-17.12	Pass
0.86	38.69	0.43	13.34	52.46	Quasi Max	H	100.00	201.00	68.93	-16.47	Pass
1.39	35.31	0.47	9.60	45.38	Quasi Max	H	100.00	271.00	64.75	-19.37	Pass
2.62	34.77	0.52	4.99	40.28	Quasi Max	H	100.00	3.00	69.54	-29.26	Pass
3.71	35.47	0.55	2.63	38.64	Quasi Max	H	100.00	45.00	69.54	-30.90	Pass

Test specification:	Radiated Spurious Emissions (below 30MHz)			
Environmental Conditions:	Temp(°C):	26	Result:	☒ Pass ☐ Fail
	Humidity (%):	45.6		
	Atmospheric(mbar):	1021		
Mains Power:	120VA, 60Hz			
Tested by:	Teody Manansala			
Test Date:	08/07/2015			
Remarks:	RFID1 13.56MHz @ 0 Degree			

Loop Antenna at 0 Degree

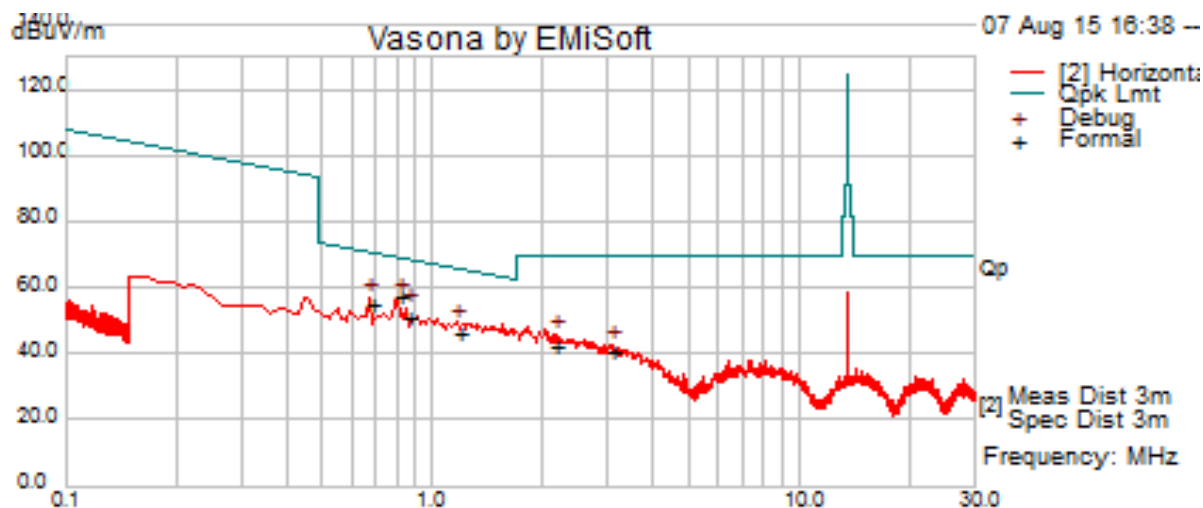


Quasi Max Measurement

Frequency (MHz)	Raw (dBuV)	Cable Loss (dB)	AF (dB)	Level (dBuV/m)	Measurement Type	Pol (V/H)	Hgt (cm)	Azt (Deg)	Limit (dBuV/m)	Margin (dB)	Pass /Fail
0.81	43.06	0.42	13.80	57.28	Quasi Max	H	100.00	223.00	69.45	-12.16	Pass
0.86	39.01	0.43	13.33	52.76	Quasi Max	H	100.00	89.00	68.91	-16.15	Pass
1.17	35.02	0.45	10.84	46.32	Quasi Max	H	100.00	120.00	66.24	-19.92	Pass
0.68	38.40	0.41	15.10	53.91	Quasi Max	H	100.00	158.00	70.93	-17.02	Pass
1.93	35.26	0.49	7.24	42.99	Quasi Max	H	100.00	262.00	69.54	-26.55	Pass
3.09	36.67	0.53	3.81	41.01	Quasi Max	H	100.00	145.00	69.54	-28.53	Pass

Test specification:	Radiated Spurious Emissions (below 30MHz)			
Environmental Conditions:	Temp(°C):	26	Result:	☒ Pass ☐ Fail
	Humidity (%):	45.6		
	Atmospheric(mbar):	1021		
Mains Power:	120VA, 60Hz			
Tested by:	Teody Manansala			
Test Date:	08/07/2015			
Remarks:	RFID1 13.56MHz @ 90 Degree			

Loop Antenna at 90 Degree

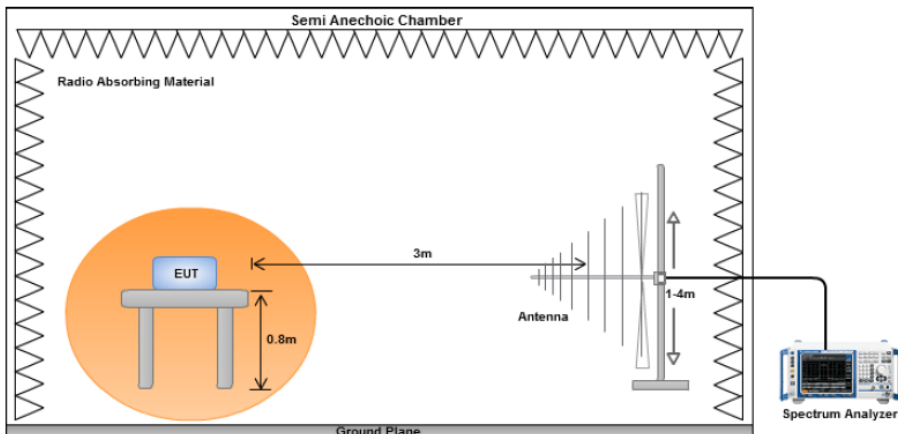


Quasi Max Measurement

Frequency (MHz)	Raw (dBuV)	Cable Loss (dB)	AF (dB)	Level (dBuV/m)	Measurement Type	Pol (V/H)	Hgt (cm)	Azt (Deg)	Limit (dBuV/m)	Margin (dB)	Pass /Fail
0.81	43.23	0.42	13.79	57.45	Quasi Max	H	100.00	256.00	69.44	-11.99	Pass
0.68	39.35	0.41	15.12	54.87	Quasi Max	H	100.00	91.00	70.95	-16.07	Pass
0.86	37.06	0.43	13.36	50.85	Quasi Max	H	100.00	75.00	68.95	-18.10	Pass
1.17	35.09	0.45	10.84	46.38	Quasi Max	H	100.00	343.00	66.24	-19.86	Pass
2.15	35.17	0.50	6.44	42.11	Quasi Max	H	100.00	194.00	69.54	-27.43	Pass
3.07	36.67	0.53	3.85	41.05	Quasi Max	H	100.00	92.00	69.54	-28.49	Pass

10.2 Radiated Spurious Emissions 30 MHz – 1000MHz

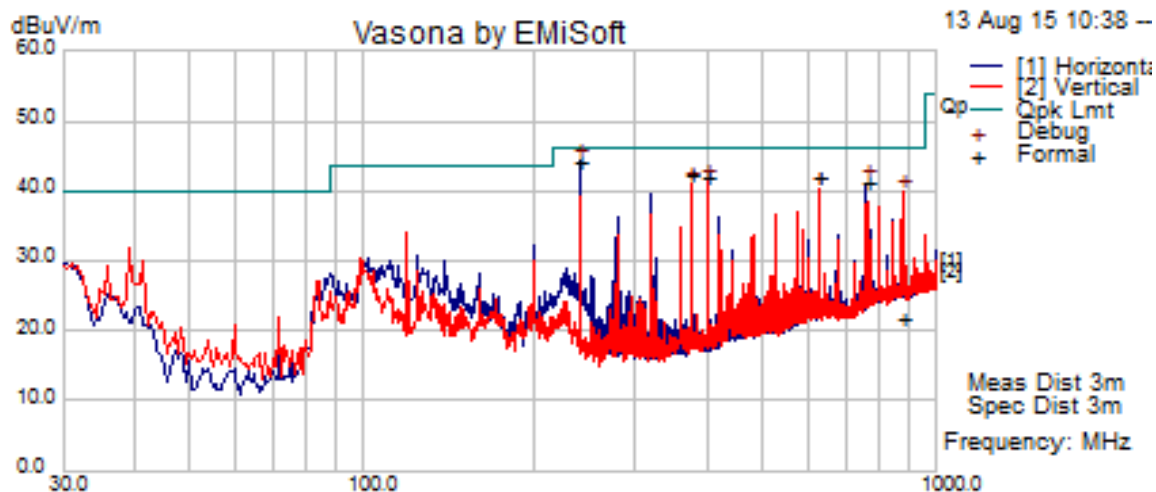
Requirement(s):

Spec	Item	Requirement	Applicable							
47CFR§15.209, RSS210(A8.5)	a)	Except higher limit as specified elsewhere in other section, the emissions from the low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges	☒							
		<table><tr><th>Frequency range (MHz)</th><th>Field Strength (uV/m)</th></tr><tr><td>30 – 88</td><td>100</td></tr><tr><td>88 – 216</td><td>150</td></tr><tr><td>216 960</td><td>200</td></tr><tr><td>Above 960</td><td>500</td></tr></table>		Frequency range (MHz)	Field Strength (uV/m)	30 – 88	100	88 – 216	150	216 960
Frequency range (MHz)	Field Strength (uV/m)									
30 – 88	100									
88 – 216	150									
216 960	200									
Above 960	500									
Test Setup										
Procedure	1. The EUT was switched on and allowed to warm up to its normal operating condition. 2. The test was carried out at the selected frequency points obtained from the EUT characterisation. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: a. Vertical or horizontal polarisation (whichever gave the higher emission level over a full rotation of the EUT) was chosen. b. The EUT was then rotated to the direction that gave the maximum emission. c. Finally, the antenna height was adjusted to the height that gave the maximum emission. 3. A Quasi-peak measurement was then made for that frequency point. 4. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.									
Remark										
Result	☒ Pass ☐ Fail									

Test Data ☒ Yes (See below) ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

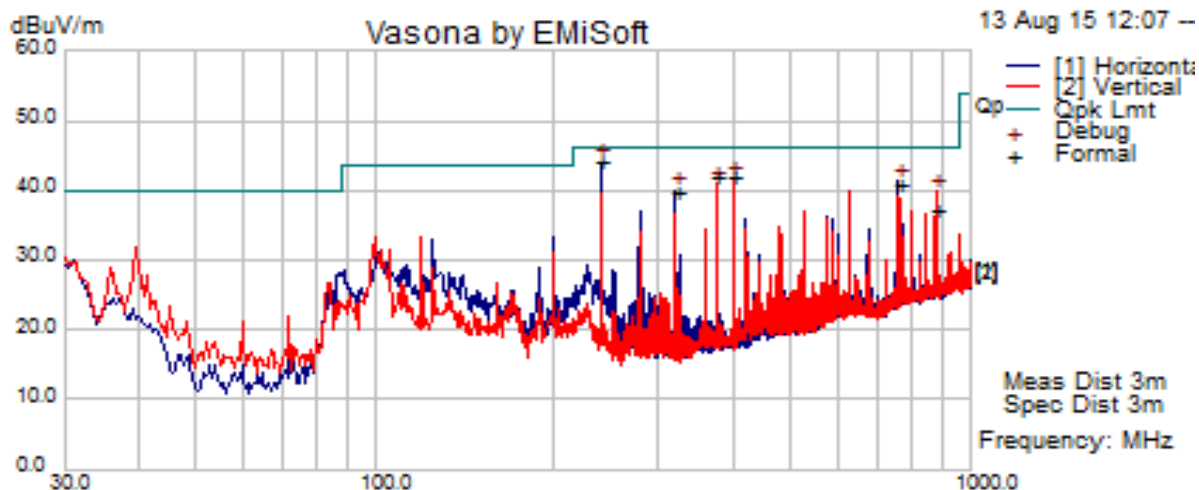
Test specification:	Radiated Spurious Emissions (30MHz – 1000MHz)			
Environmental Conditions:	Temp(°C):	23.7	Result:	☒ Pass ☐ Fail
	Humidity (%):	44.9		
	Atmospheric(mbar):	1021		
Mains Power:	120VA, 60Hz			
Tested by:	Teody Manansala			
Test Date:	08/13/2015			
Remarks:	RFID0 13.56MHz			



Quasi Max Measurement

Frequency (MHz)	Raw (dBuV)	Cable Loss (dB)	AF (dB)	Level (dBuV/m)	Measurement Type	Pol (V/H)	Hgt (cm)	Azt (Deg)	Limit (dBuV/m)	Margin (dB)	Pass /Fail
240.00	68.70	3.07	-27.55	44.21	Quasi Max	H	113.00	292.00	46.02	-1.81	Pass
400.00	61.56	3.90	-23.47	41.99	Quasi Max	V	115.00	5.00	46.02	-4.03	Pass
756.00	53.87	5.49	-18.27	41.08	Quasi Max	H	158.00	30.00	46.02	-4.94	Pass
374.99	62.18	3.77	-23.80	42.16	Quasi Max	V	122.00	356.00	46.02	-3.86	Pass
624.99	56.47	4.88	-19.52	41.83	Quasi Max	H	124.00	202.00	46.02	-4.19	Pass
875.37	32.59	5.87	-16.88	21.58	Quasi Max	H	167.00	178.00	46.02	-24.44	Pass

Test specification:	Radiated Spurious Emissions (30MHz – 1000MHz)			
Environmental Conditions:	Temp(°C):	23.7	Result:	☒ Pass ☐ Fail
	Humidity (%):	44.9		
	Atmospheric(mbar):	1021		
Mains Power:	120VA, 60Hz			
Tested by:	Teody Manansala			
Test Date:	08/13/2015			
Remarks:	RFID1 13.56MHz			



Quasi Max Measurement

Frequency (MHz)	Raw (dBuV)	Cable Loss (dB)	AF (dB)	Level (dBuV/m)	Measurement Type	Pol (V/H)	Hgt (cm)	Azt (Deg)	Limit (dBuV/m)	Margin (dB)	Pass /Fail
240.00	68.74	3.07	-27.55	44.25	Quasi Max	H	104.00	294.00	46.02	-1.77	Pass
399.99	61.53	3.90	-23.47	41.96	Quasi Max	V	115.00	19.00	46.02	-4.06	Pass
755.98	53.59	5.49	-18.27	40.80	Quasi Max	H	154.00	26.00	46.02	-5.22	Pass
374.99	61.93	3.77	-23.80	41.91	Quasi Max	V	123.00	8.00	46.02	-4.11	Pass
320.00	61.64	3.44	-25.18	39.89	Quasi Max	H	101.00	5.00	46.02	-6.13	Pass
875.03	48.21	5.87	-16.88	37.20	Quasi Max	V	100.00	302.00	46.02	-8.82	Pass

Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Cycle	Cal Due	In use
Radiated Emissions						
R & S Receiver	ESL6	100178	05/27/2015	1 Year	05/27/2016	☒
R & S Receiver	ESIB 40	100179	05/24/2015	1 Year	05/24/2016	☒
Loop Antenna	6512	49120	08/20/2015	1 Year	08/20/2016	☒
Bi-Log antenna (30MHz~2GHz)	JB1	A030702	08/20/2015	1 Year	08/20/2016	☒
Horn Antenna (1-26.5GHz)	3115	10SL0059	08/11/2015	1 Year	08/11/2016	☐
Horn Antenna (18-40 GHz)	AH-840	101013	02/19/2015	1 Year	02/19/2016	☐
Pre-Amplifier (100KHz-7GHz)	LPA-6-30	11140711	02/19/2015	1 Year	02/19/2016	☒
Microwave Preamplifier (18-40 GHz)	PA-840	181251	02/19/2015	1 Year	02/19/2016	☒
3 Meters SAC	3M	N/A	03/04/2015	1 Year	03/04/2016	☒
10 Meters SAC	10M	N/A	09/05/2015	1 Year	09/05/2016	☒
R & S Receiver	ESL6	100178	05/27/2015	1 Year	05/27/2016	☒

Annex B. SIEMIC Accreditation

Accreditations	Document	Scope / Remark
ISO 17025 (A2LA)		Please see the documents for the detailed scope
ISO Guide 65 (A2LA)		Please see the documents for the detailed scope
TCB Designation		A1 , A2 , A3 , A4 , B1 , B2 , B3 , B4 , C
FCC DoC Accreditation		FCC Declaration of Conformity Accreditation
FCC Site Registration		3 meter site
FCC Site Registration		10 meter site
IC Site Registration		3 meter site
IC Site Registration		10 meter site
EU NB		Radio & Telecommunications Terminal Equipment: EN45001 – EN ISO/IEC 17025
		Electromagnetic Compatibility: EN45001 – EN ISO/IEC 17025
Singapore iDA CB(Certification Body)		Phase I , Phase II
Vietnam MIC CAB Accreditation		Please see the document for the detailed scope
Hong Kong OFCA		(Phase II) OFCA Foreign Certification Body for Radio and Telecom
		(Phase I) Conformity Assessment Body for Radio and Telecom
Industry Canada CAB		Radio: Scope A – All Radio Standard Specification in Category I
		Telecom: CS-03 Part I, II, V, VI, VII, VIII

Japan Recognized Certification Body Designation		Radio: A1. Terminal equipment for purpose of calling Telecom: B1. Specified radio equipment specified in Article 38-2, Paragraph 1, Item 1 of the Radio Law
Korea CAB Accreditation		EMI: KCC Notice 2008-39, RRL Notice 2008-3: CA Procedures for EMI KN22: Test Method for EMI EMS: KCC Notice 2008-38, RRL Notice 2008-4: CA Procedures for EMS KN24, KN61000-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11: Test Method for EMS Radio: RRL Notice 2008-26, RRL Notice 2008-2, RRL Notice 2008-10, RRL Notice 2007-49, RRL Notice 2007-20, RRL Notice 2007-21, RRL Notice 2007-80, RRL Notice 2004-68 Telecom: President Notice 20664, RRL Notice 2007-30, RRL Notice 2008-7 with attachments 1, 3, 5, 6; President Notice 20664, RRL Notice 2008-7 with attachment 4
Taiwan NCC CAB Recognition		LP0002, PSTN01, ADSL01, ID0002, IS6100, CNS14336, PLMN07, PLMN01, PLMN08
Taiwan BSMI CAB Recognition		CNS 13438
Japan VCCI		R-3083: Radiation 3 meter site C-3421: Main Ports Conducted Interference Measurement T-1597: Telecommunication Ports Conducted Interference Measurement
Australia CAB Recognition		EMC: AS/NZS CISPR 11, AS/NZS CISPR 14.1, AS/NZS CISPR22, AS/NZS 61000.6.3, AS/NZS 61000.6.4 Radio communications: AS/NZS 4281, AS/NZS 4268, AS/NZS 4280.1, AS/NZS 4280.2, AS/NZS 4295, AS/NZS 4582, AS/NZS 4583, AS/NZS 4769.1, AS/NZS 4769.2, AS/NZS 4770, AS/NZS 4771 Telecommunications: AS/ACIF S002:05, AS/ACIF S003:06, AS/ACIF S004:06, AS/ACIF S006:01, AS/ACIF S016:01, AS/ACIF S031:01, AS/ACIF S038:01, AS/ACIF S040:01, AS/ACIF S041:05, AS/ACIF S043.2:06, AS/ACIF S60950.1
Australia NATA Recognition		AS/ACIF S002, AS/ACIF S003, AS/ACIF S004, AS/ACIF S006, AS/ACIF S016, AS/ACIF S031, AS/ACIF S038, AS/ACIF S040, AS/ACIF S041, AS/ACIF S043.2