TEST REPORT

100, Jangjateo-ro, Hobeop-myeon,
Icheon-si, Gyeonggi-do, 17396, Korea
Tel: 031-637-8898 / Fax: 0505-116-8895

1. Client

- Name ..... : Star Systems International Limited
- Address..... : Unit 7, 8/F, Vanta Industrial Centre. 21-23 Tai Lin Pai Road, Kwai Chung, NT, Hong Kong

2. Use of Report ..... : FCC Approval

3. Sample Description

- Product Name : CARINA RFID Reader
- Model Name : CARINA

4. Date of Receipt..... : 2024-11-01

5. Date of Test ..... : 2024-11-15 ~ 2024-11-29

6. Test Method ..... : FCC Part 15 Subpart C 15.247

7. Test Results ..... : Refer to the test results

※ The results shown in this test report are the results of testing the samples provided.
※ This test report is prepared according to the requirements of ISO / IEC 17025.

Affirmation	Tested by Jong-Myoung, Shin (Sign)	Technical Manager Kyung-Taek, Lee (Sign)

Dec 03, 2024

EMC Labs Co., Ltd. (stamp)

Contents

Version

TEST REPORT NO.	DATE	DESCRIPTION
KR0140-RF2412-001	Dec 03, 2024	Initial Issue

1. Applicant & Manufacturer & Test Laboratory Information

1.1 Applicant Information

Applicant	Star Systems International Limited
Applicant Address	Unit 7, 8/F, Vanta Industrial Centre. 21-23 Tai Lin Pai Road, Kwai Chung, NT, Hong Kong
Contact Person	Ava Tang
Telephone No.	00852-36919925
Fax No.	00852-36919925
E-mail	atang@star-int.net

1.2. Manufacturer Information

Manufacturer	IDRO Co.,Ltd
Manufacturer Address	11, Jiphyeondong-ro, Sejong-si, Republic of Korea

1.3 Test Laboratory Information

Laboratory	EMC Labs Co., Ltd.
Laboratory Address	100, Jangjateo-ro, Hobeop-myeon, Icheon-si, Gyeonggi-do, Republic of Korea
Contact Person	Jong-Myoung, Shin
Telephone No.	+82-31-637-8895
Fax No.	+82-505-116-8895
FCC Designation No.	KR0140
FCC Registration No.	580000
IC Site Registration No.	28751

2. Equipment under Test(EUT) Information

2.1 General Information

Product Name	CARINA RFID Reader
Model Name	CARINA
FCC ID	2AA7K-CARINA08000
Rated Voltage	DC 12.0 V

2.2 Additional Information

Operating Frequency	902.75 MHz ~ 927.25 MHz
Number of channel	50
Modulation Type	A1D
Antenna Type & Gain	Patch Antenna (with Max. gain: 5.84 dBi)
Firmware Version	1.0
Hardware Version	1.0
Test software	E710Tester_2023_09_15

2.3 Test Frequency

Test mode	Test Frequency (MHz)		
	Low Frequency	Middle Frequency	High Frequency
RFID (900 MHz FHSS)	902.75	914.75	927.25

2.4 Used Test Software Setting Value

Test Mode	Setting Item
	Power
RFID (900 MHz FHSS)	300

2.5 Mode of operation during the test

- The EUT continuous transmission mode during the test with set at Low Channel, Middle Channel, and High Channel. To get a maximum radiated emission levels from the EUT, the EUT was moved throughout the XY, YZ, XZ planes.

2.6 Modifications of EUT

- None

3. Test Summary

Applied	FCC Rule	IC Rule	Test Items	Test Condition	Result
☒	15.203	-	Antenna Requirement	Conducted	C
☐	15.247(a)	-	20 dB Bandwidth		NT[Note2]
☐	-	RSS GEN (6.7)	Occupied Bandwidth (99%)		NT[Note2]
☐	15.247(a)	RSS-247 (5.1)	Number of Hopping Frequencies		NT[Note2]
☐	15.247(a)	RSS-247 (5.1)	Time of Occupancy (Dwell Time)		NT[Note2]
☐	15.247(a)	RSS-247 (5.1)	Carrier Frequencies Separation		NT[Note2]
☐	15.247(b)	RSS-247 (5.4)	Peak Output Power		NT[Note2]
☐	15.247(d)	RSS-247 (5.5)	Conducted Spurious Emission		NT[Note2]
☒	15.247(d) 15.205 & 15.209	RSS-247 (5.5) RSS-GEN (8.9 & 8.10)	Radiated Spurious Emission	Radiated	C
☒	15.207	RSS-GEN (8.8)	Conducted Emissions	AC Line Conducted	C

Note 1: C=Complies NC=Not Complies NT=Not Tested NA=Not Applicable
Note 2: This test item was tested on the certified RF Module.
[Certified RF Module Information]
- FCC ID: XVY-IDRO900ME-M (Test Report No.: NW2112-F005-1)

The sample was tested according to the following specification: ANSI C63.10:2013.
Compliance was determined by specification limits of the applicable standard according to customer requirements.

4. Used equipment on test

	Description	Manufacturer	Model Name	Serial Name	Next Cal.
☐	TEMP & HUMID CHAMBER	JFM	JFMA-001	20200929-01	2025.11.06
☐	CONTROLLER	AMWON TECHNOLOGY	TEMI2500	S7800VK191 0707	2025.11.06
☐	PSA SERIES SPECTRUM ANALYZER	AGILENT	E4440A	MY45304057	2025.11.07
☐	MXG ANALOG SIGNAL GENERATOR	AGILENT	N5183A	MY50141890	2025.11.07
☐	SYSTEM DC POWER SUPPLY	AGILENT	6674A	MY53000118	2025.11.07
☐	VECTOR SIGNAL GENERATOR	ROHDE & SCHWARZ	SMBV100A	257524	2025.11.07
☐	DIRECTIONAL COUPLER	AGILENT	773D	2839A01855	2025.11.07
☐	ATTENUATOR	AGILENT	8493C	73193	2025.11.07
☐	TERMINATION	HEWLETT PACKARD	909D	07492	2025.11.07
☐	POWER DIVIDER	HEWLETT PACKARD	11636A	06916	2025.11.07
■	DIGITAL MULTIMETER	HUMANTECHSTORE	15B+	50561541WS	2025.11.07
☐	ATTENUATOR	ACE RF COMM	ATT SMA 20W 20dB 8GHz	A-0820.SM20.2	2025.04.04
■	DC POWER SUPPLY	AGILENT	E3634A	MY40012120	2025.02.22
☐	USB Peak Power Sensor	Anritsu	MA24408A	12321	2025.11.08
■	High Pass Filter	WT Microwave INC.	WT-A3314-HS	WT22111804-1	2025.11.07
☐	High Pass Filter	WT Microwave INC.	WT-A1935-HS	WT22111804-2	2024.12.08
☐	SPECTRUM ANALYZER	ROHDE & SCHWARZ	FSU26	200444	2025.02.22
☐	ATTENUATOR	Mini-Circuits	BW-K3-2W44+	2318-1	2025.06.28
☐	ATTENUATOR	Mini-Circuits	BW-K3-2W44+	2318-2	2025.06.28
☐	Balanced Temperature and Humidity Control System	ESPEC CORP.	SH-241	92004650	2025.06.13
■	ACTIVE LOOP ANTENNA	TESEQ	HLA 6121	55685	2024.12.22
■	Biconilog ANT	Schwarzbeck	VULB 9160	3260	2026.04.01
☐	Biconilog ANT	Schwarzbeck	VULB9168	902	2026.08.28
■	Horn ANT	Schwarzbeck	BBHA9120D	974	2024.11.30
☐	Horn ANT	Schwarzbeck	BBHA9120D	1497	2025.01.04
■	Amplifier	TESTEK	TK-PA18H	200104-L	2025.03.14
☐	Horn ANT	Schwarzbeck	BBHA9170	01188	2025.03.19
☐	Horn ANT	Schwarzbeck	BBHA9170	01189	2025.03.19
☐	AMPLIFIER	TESTEK	TK-PA1840H	220105-L	2025.03.14
■	EMI TEST RECEIVER	ROHDE & SCHWARZ	ESW44	101952	2025.03.14
■	Test Receiver	ROHDE & SCHWARZ	ESR7	101616	2025.06.27
■	LISN	ROHDE & SCHWARZ	ENV216	100409	2025.01.04
■	PULSE LIMITER	lignex1	EPL-30	NONE	2025.01.04
■	RF Cable	OSI MICROWAVE	PLH16D	EMC-C-009	2025.07.26
■	RF Cable	OSI MICROWAVE	PLH16D	RF-K-001	2025.07.26

** RF cables are managed by self-inspection per one year.*

5. Antenna Requirement

According to §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 an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. 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.

According to §15.247(b)(4) e conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

5.1 Result

Complies
(The transmitter has a Patch Antenna. The directional peak gain of the antenna is 5.84 dBi.)

6. TX Radiated Spurious Emission and Conducted Spurious Emission

6.1 Test Setup

Refer to the APPENDIX I.

6.2 Limit

According to §15.247(d), in any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph(b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in section §15.209(a) is not required. In addition, radiated emission which in the restricted band, as define in section §15.205(a), must also comply the radiated emission limits specified in section §15.209(a) (see section §15.205(c))

According to § 15.209(a), except as provided elsewhere in this Subpart, the emissions from an intentional
radiator shall not exceed the field strength levels specified in the following table

Frequency (MHz)	Limit (uV/m)	Measurement Distance (meter)
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1705	24000/F (kHz)	30
1705 ~ 30.0	30	30
30 ~ 88	100 **	3
88 ~ 216	150 **	3
216 ~ 960	200 **	3
Above 960	500	3

** Except as provided in 15.209(g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54 – 72 MHz, 76 – 88 MHz, 174 – 216 MHz or 470 – 806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g. 15.231 and 15.241.

According to § 15.205(a) and (b), only spurious emissions are permitted in any of The frequency bands listed below:

MHz	MHz	MHz	GHz
0.009 ~ 0.110	16.42 ~ 16.423	399.90 ~ 410	4.5 ~ 5.15
0.495 ~ 0.505	16.69475 ~ 16.69525	608 ~ 614	5.35 ~ 5.46
2.1735 ~ 2.1905	16.80425 ~ 16.80475	960 ~ 1240	7.25 ~ 7.75
4.125 ~ 4.128	25.5 ~ 25.67	1300 ~ 1427	8.025 ~ 8.5
4.17725 ~ 4.17775	37.5 ~ 38.	1435 ~ 1626.5	9.0 ~ 9.2
4.20725 ~ 4.20775	25 73 ~ 74.6	1645.5 ~ 1646.5	9.3 ~ 9.5
4.17725 ~ 4.17775	74.8 ~ 75.2	1660 ~ 1710	10.6 ~ 12.7
6.215 ~ 6.218	108 ~ 121.94	1718.8 ~ 1722.2	13.25 ~ 13.4
6.26775 ~ 6.26825	149.9 ~ 150.05	2200 ~ 2300	14.47 ~ 14.5
6.31175 ~ 6.31225	156.52475 ~ 156.52525	2310 ~ 2390	15.35 ~ 16.2
8.291 ~ 8.294	156.7 ~ 156.9	2483.5 ~ 2500	17.7 ~ 21.4
8.362 ~ 8.366	162.0125 ~ 167.17	2690 ~ 2900	22.01 ~ 23.12
8.37625 ~ 8.38675	3345.8 ~ 3358	3260 ~ 3267	23.6 ~ 24.0
8.41425 ~ 8.41475	3600 ~ 4400	3332 ~ 3339	31.2 ~ 31.8
12.51975 ~ 12.52025	3345.8 ~ 3358	240 ~ 285	36.43 ~ 36.5
12.57675 ~ 12.57725	3600 ~ 4400	322 ~ 335.4	Above 38.6
13.36 ~ 13.41			

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in §15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in §15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in §15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in §15.35 apply to these measurements.

6.3 Test Procedure for Radiated Spurious Emission

1. The EUT is placed on a non-conductive table. For emission measurements at or below 1 GHz, the table height is 80 cm. For emission measurements above 1 GHz, the table height is 1.5 m. The table was rotated 360 degrees to determine the position of the highest radiation.

2. During performing radiated emission below 1 GHz, the EUT was set 3 meters away from
the interference receiving antenna, which was mounted on the top of a variable-height antenna tower. During performing radiated emission above 1 GHz, the EUT was set 3.75 meter away from the interference-receiving antenna.

3. For measurements above 1 GHz absorbers are placed on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1 GHz, the absorbers are removed.

4. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

5. For each suspected emission, the EUT was arranged to its worst case and then
The antenna was tuned to heights from 1 meter to 4 meters and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
(The EUT was pre-tested with three axes (X, Y, Z) and the final test was performed at the worst case.)

6. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

7. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Measurement Instrument Setting

1. Frequency Range: Below 1 GHz
   RBW = 100 or 120 kHz, VBW = 3 x RBW, Detector = Peak or Quasi Peak

2. Frequency Range: Above 1 GHz
   Peak Measurement
   RBW = 1 MHz, VBW = 3 MHz, Detector = Peak, Sweep time = Auto,
   Trace mode = Max Hold until the trace stabilizes

   Average Measurement
   RBW = 1MHz, VBW ≥ 1/T, Detector = Peak, Sweep Time = Auto,
   Trace Mode = Max Hold until the trace stabilizes

6.4 Test Procedure for Conducted Spurious Emission

1. The transmitter output was connected to the spectrum analyzer.

2. The reference level of the fundamental frequency was measured with the spectrumanalyzer using
   RBW = 100 kHz, VBW = 300 kHz.

3. The conducted spurious emission was tested each ranges were set as below.
   Frequency range: 30 MHz ~ 26.5 GHz
   RBW = 100 kHz, VBW = 300 kHz, Sweep Time = Auto, Detector = Peak,
   Trace = Max Hold

   LIMIT LINE = 20 dB below of the reference level of above measurement procedure Step 2. (RBW = 100 kHz, VBW = 300 kHz)

6.5 Test Result

9 kHz ~ 10 GHz Data

- Low frequency

Frequency	Reading (dBuV/m)		Pol.	T.F (dB)	DCCF (dB)	Limits (dBuV/m)		Result (dBuV/m)		Margin (dB)	
(MHz)	AV / Peak					AV / Peak		AV / Peak		AV / Peak	
1 536.48	64.15	65.09	H	-13.56	N/A	54.0	74.0	50.6	51.5	3.4	22.5
1 505.60	64.13	66.64	H	-13.56	N/A	54.0	74.0	50.6	53.1	3.4	20.9
2 708.22	58.59	61.63	V	-9.46	N/A	54.0	74.0	49.1	52.2	4.9	21.8
3 611.15	50.95	54.71	H	-6.35	N/A	54.0	74.0	44.6	48.4	9.4	25.6

- Middle frequency

Frequency	Reading (dBuV/m)		Pol.	T.F (dB)	DCCF (dB)	Limits (dBuV/m)		Result (dBuV/m)		Margin (dB)	
(MHz)	AV / Peak					AV / Peak		AV / Peak		AV / Peak	
1 536.55	63.17	64.18	H	-13.56	N/A	54.0	74.0	49.6	50.6	4.4	23.4
1 829.44	59.94	63.05	H	-13.12	N/A	54.0	74.0	46.8	49.9	7.2	24.1
2 744.30	57.78	60.89	V	-9.44	N/A	54.0	74.0	48.3	51.5	5.7	22.6
3 659.05	53.26	57.08	H	-6.28	N/A	54.0	74.0	47.0	50.8	7.0	23.2

- High frequency

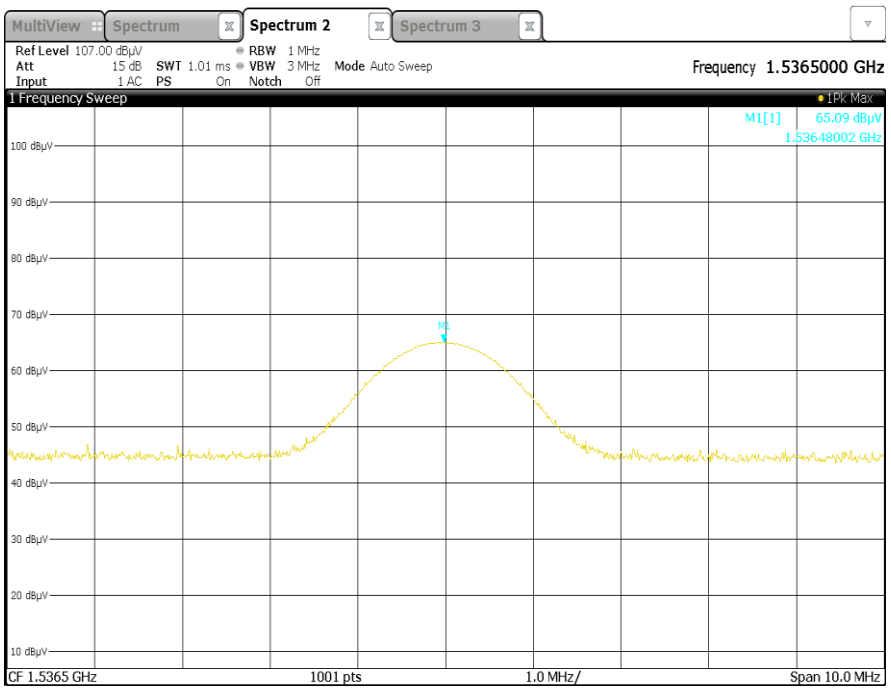
Frequency	Reading (dBuV/m)		Pol.	T.F (dB)	DCCF (dB)	Limits (dBuV/m)		Result (dBuV/m)		Margin (dB)	
(MHz)	AV / Peak					AV / Peak		AV / Peak		AV / Peak	
1 536.55	63.84	64.90	H	-13.56	N/A	54.0	74.0	50.3	51.3	3.7	22.7
1 854.50	62.48	67.00	H	-12.88	N/A	54.0	74.0	49.6	54.1	4.4	19.9
2 781.76	58.30	62.38	H	-9.34	N/A	54.0	74.0	49.0	53.0	5.0	21.0
3 709.11	51.61	55.73	H	-6.20	N/A	54.0	74.0	45.4	49.5	8.6	24.5

Note 1: The radiated emissions were inverstigated 9 kHz to 10 GHz. And no other spurious and harmonic emissions were found above listed frequencies.
Note 2: DCCF(Duty Cycle Correction Factor)
Note 3: Sample Calculation.
Margin = Limit - Result / Peak Result = Peak Reading + TF / Average Result = Average Reading + TF
TF = Ant factor + Cable Loss + Filter Loss - Amp Gain + Distance Factor
Distance Factor = 20log(applied distance/required distance) = 20log(3.75m/3m) = 1.94

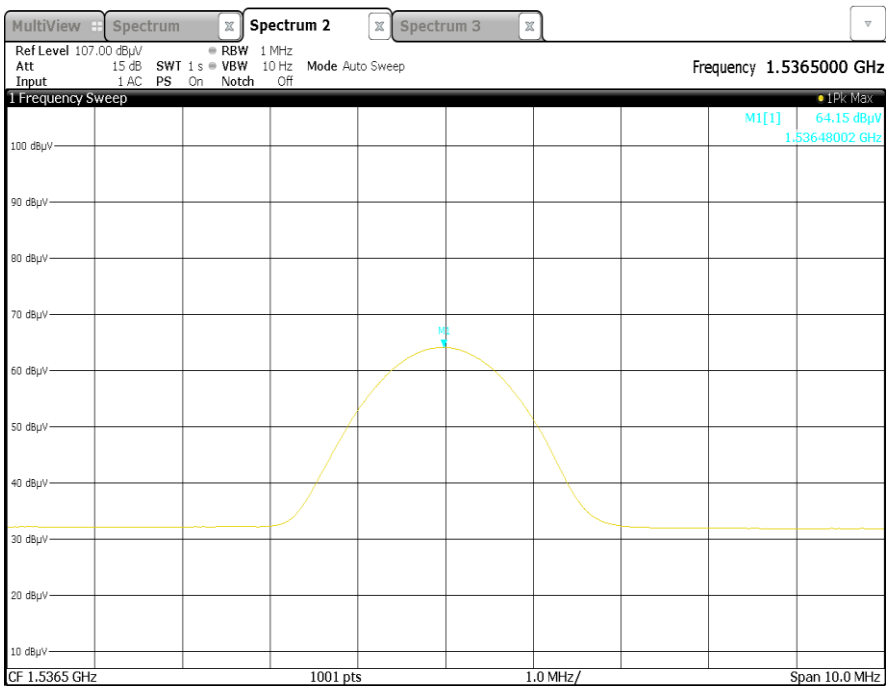
6.6 Test Plot for Radiated Spurious Emission

- RFID _ Low frequency

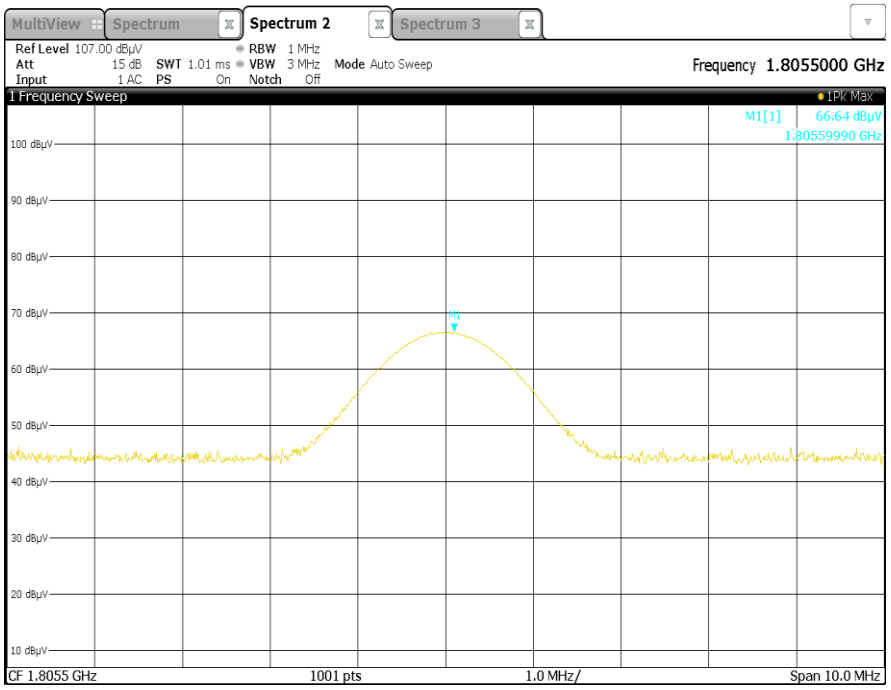
Spurious – Peak



Spurious – Average



Spurious – Peak



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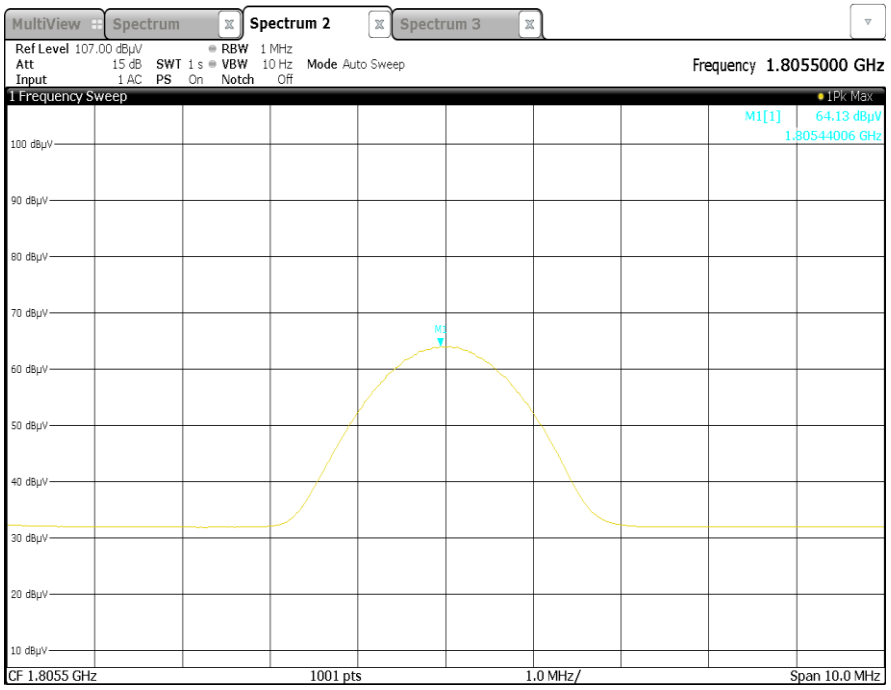
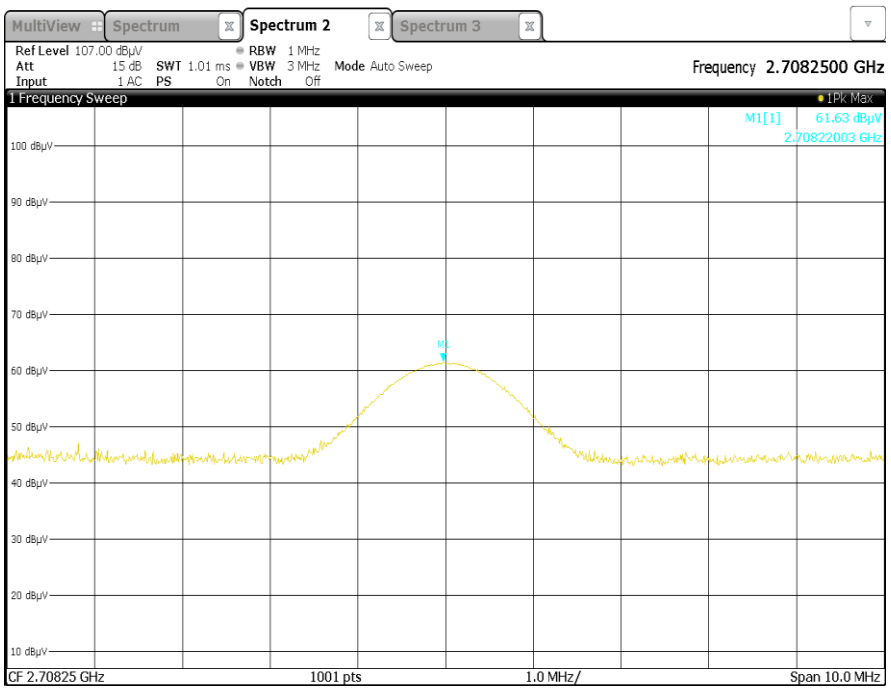


Spurious – Peak



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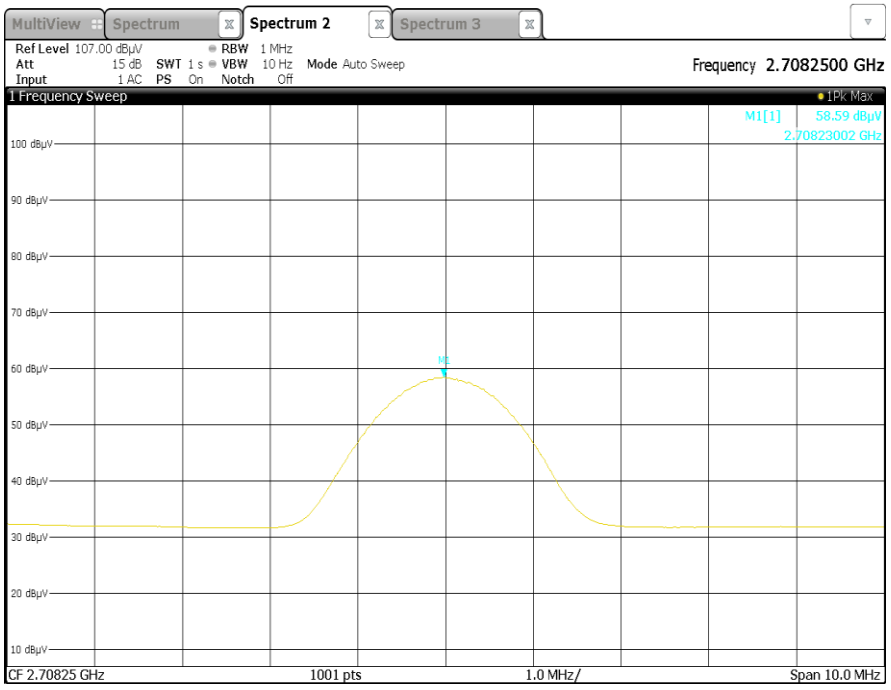

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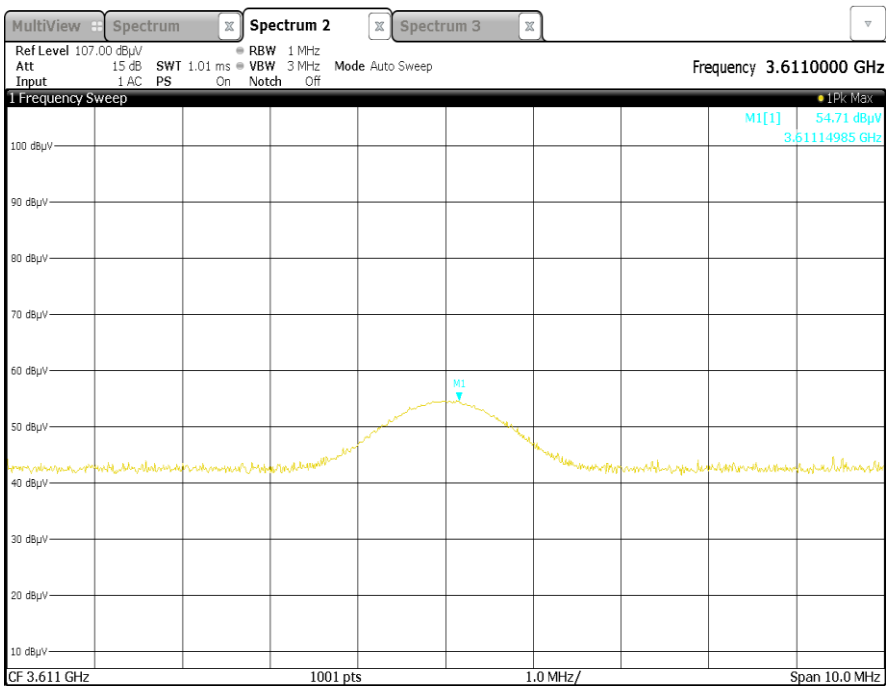

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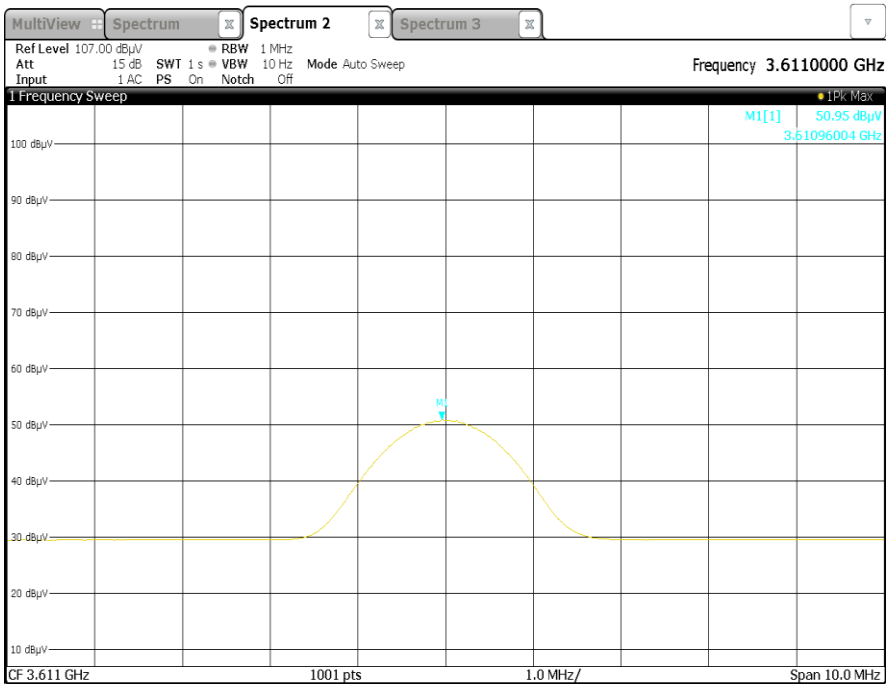
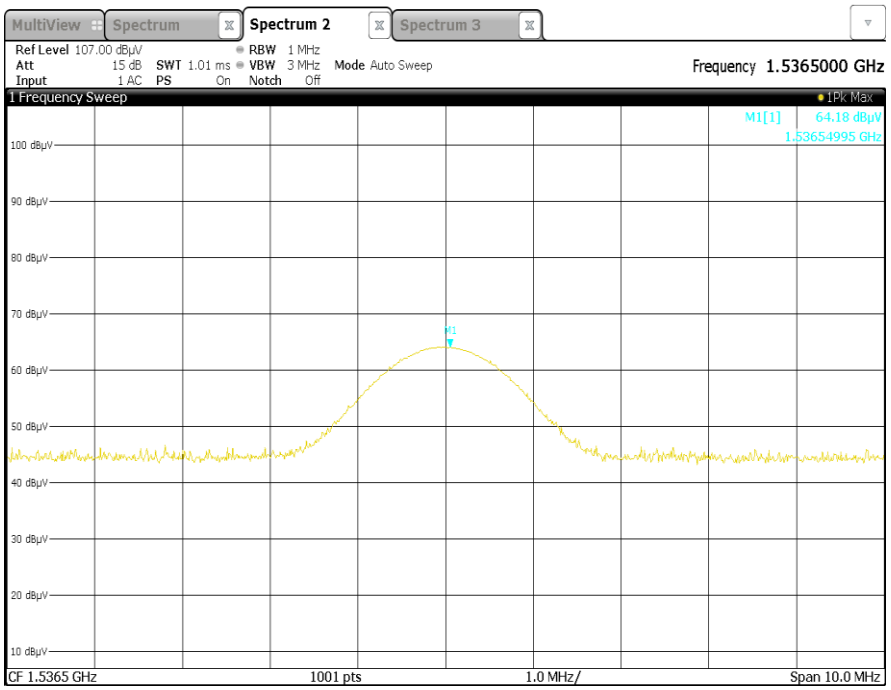


- RFID _ Middle frequency

Spurious - Peak



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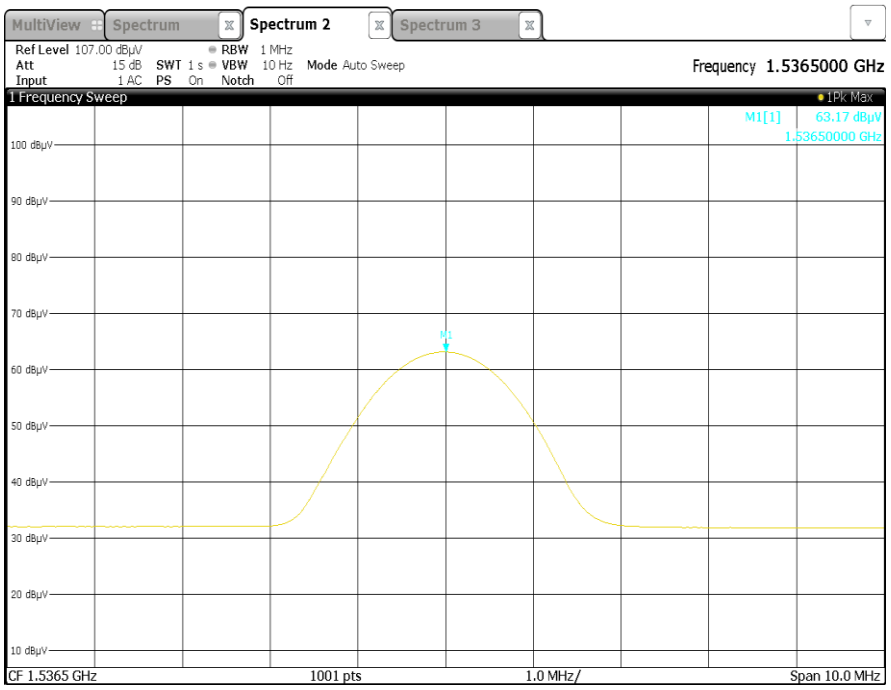
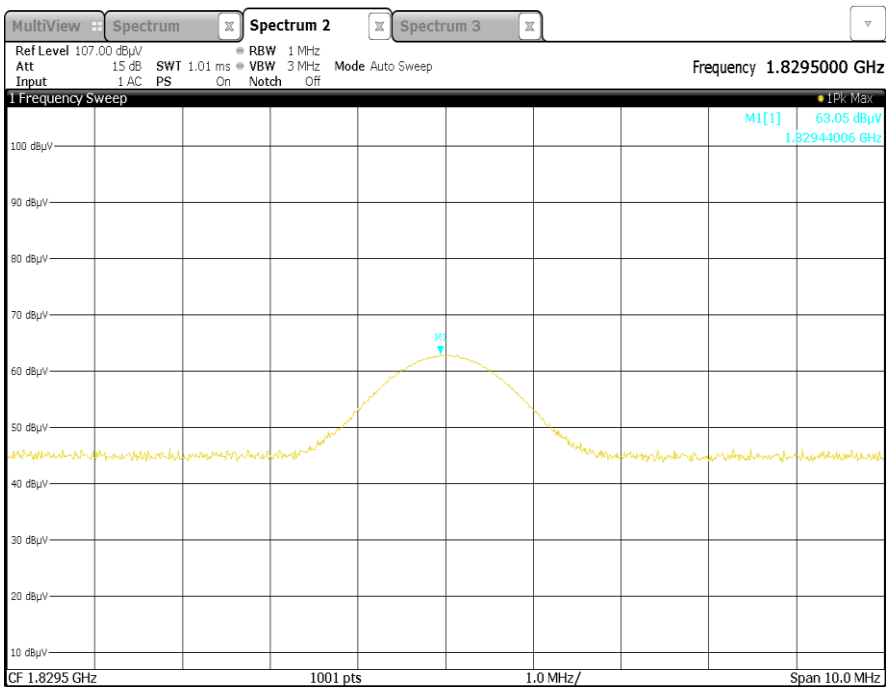
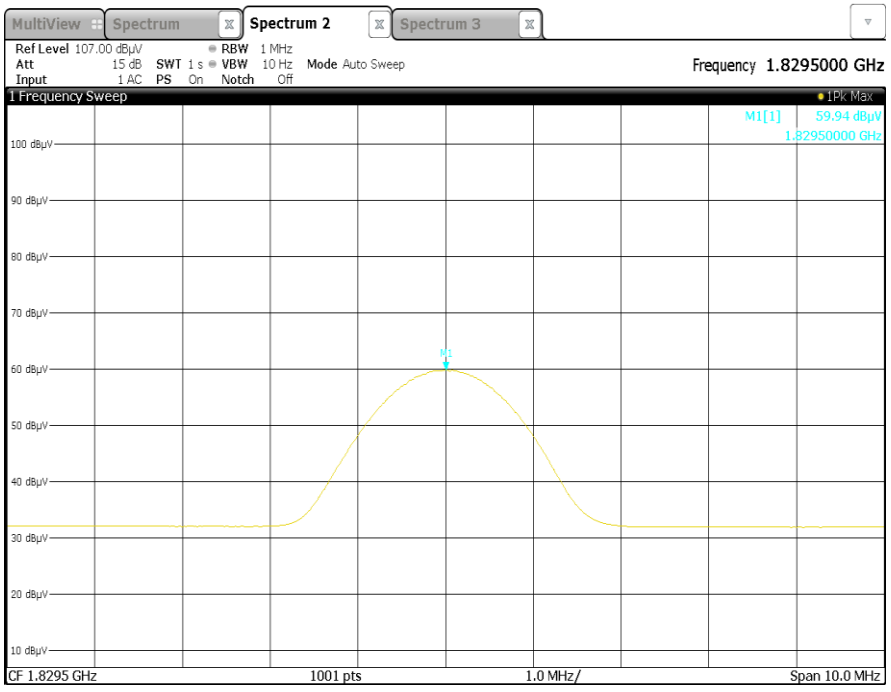


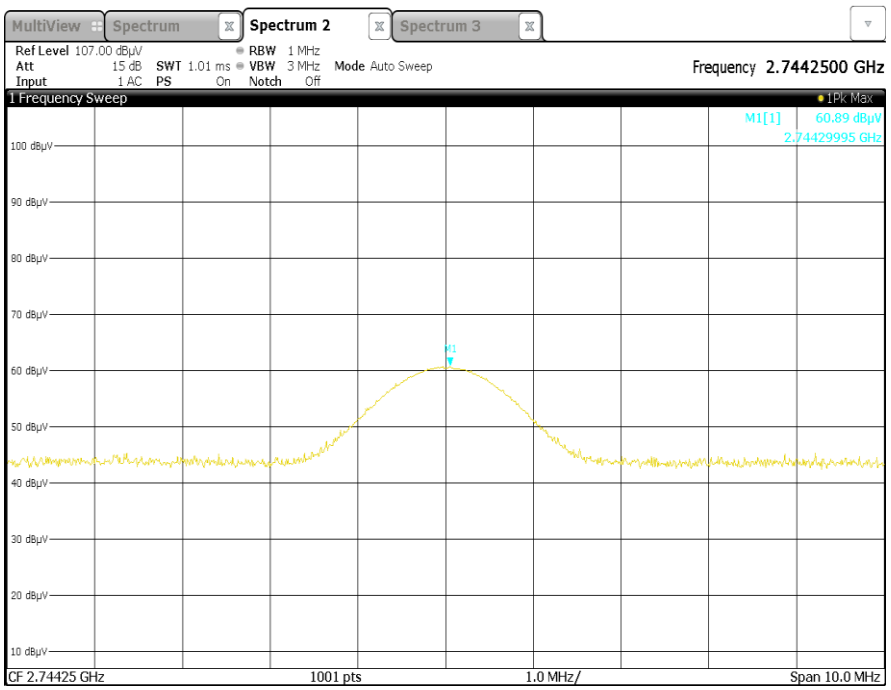
Spurious – Peak



Spurious – Average



	Spurious – Peak



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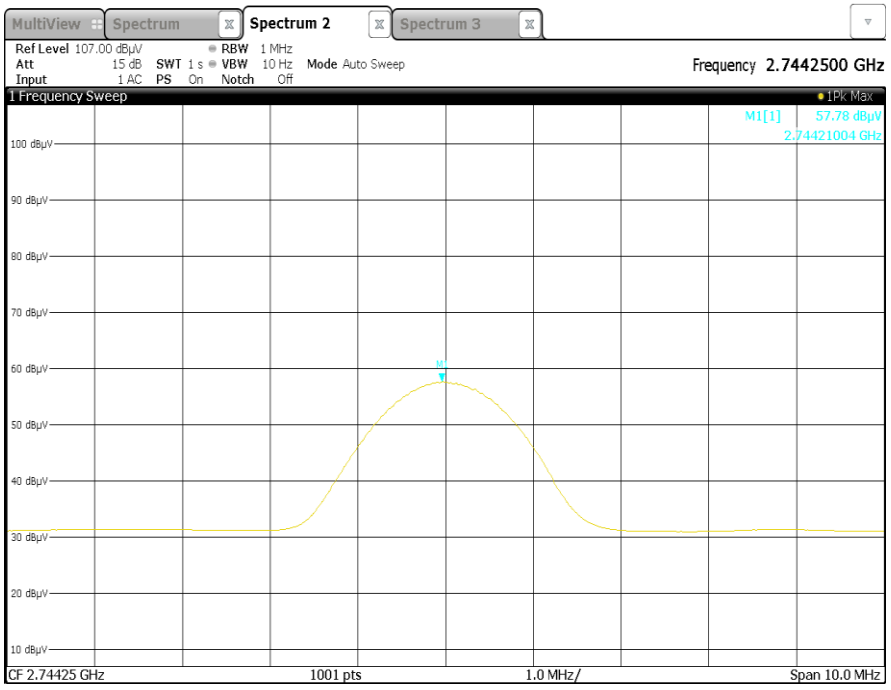
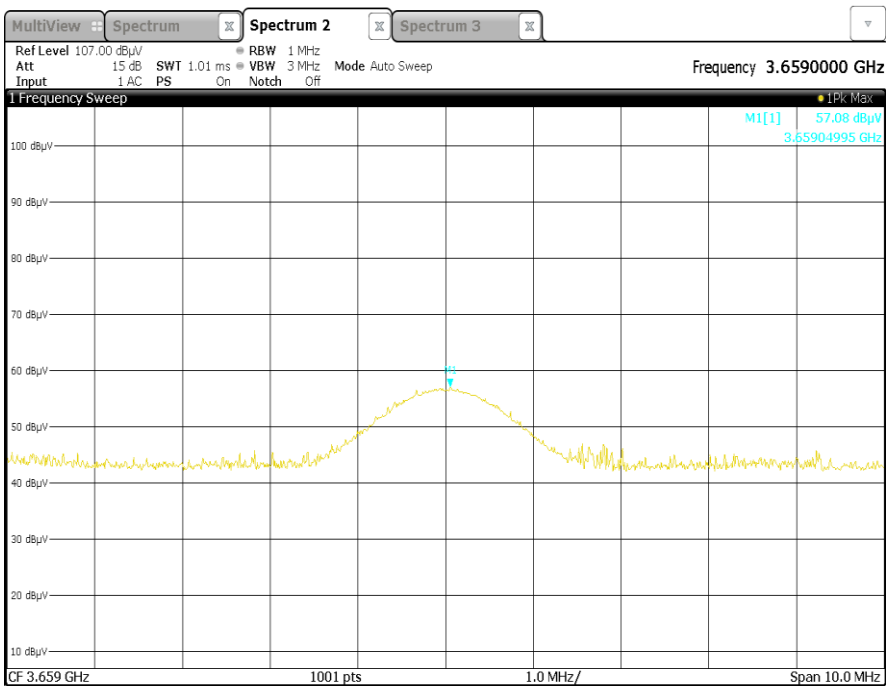


Spurious – Peak



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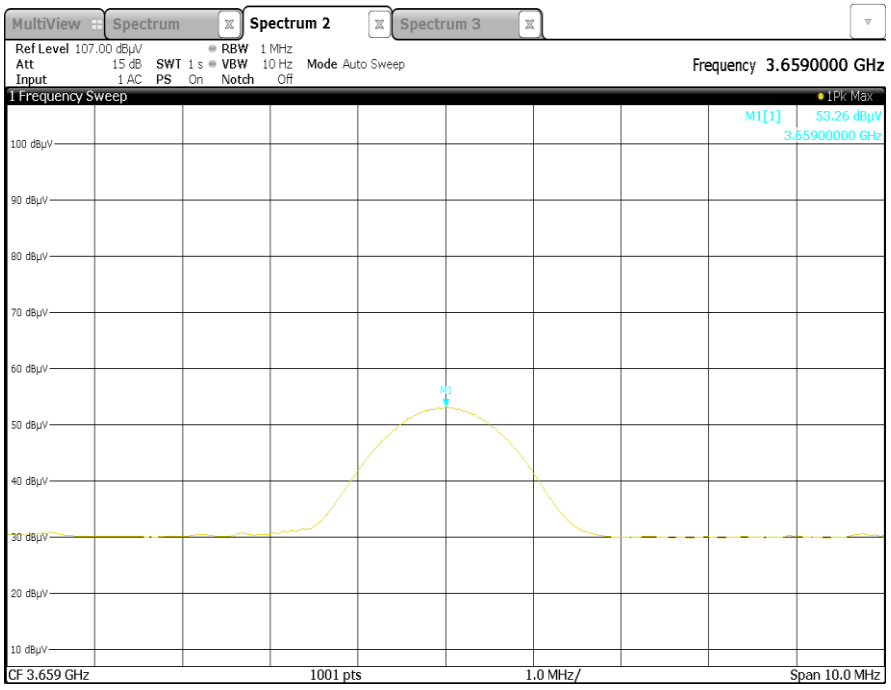
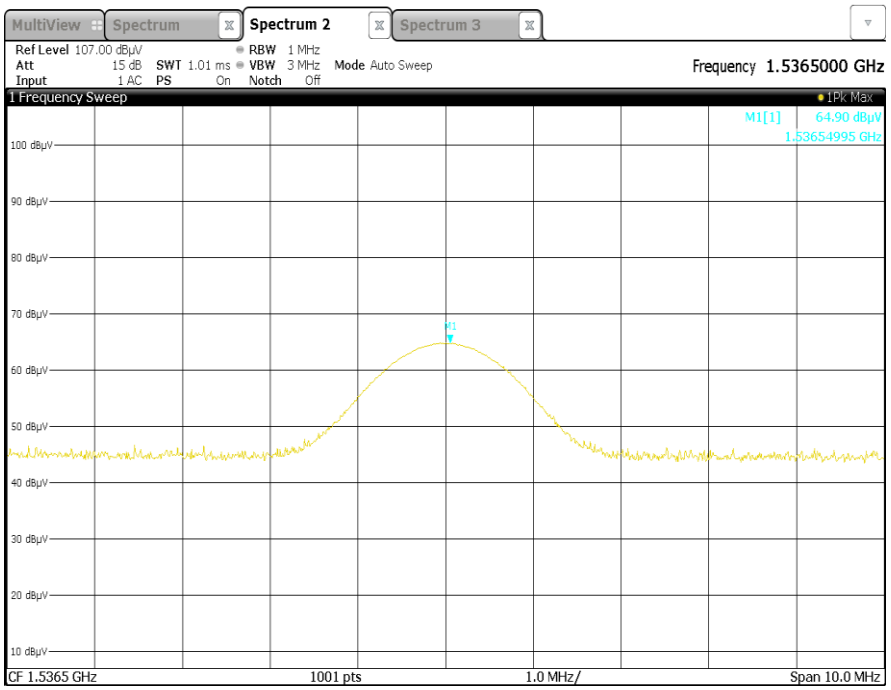
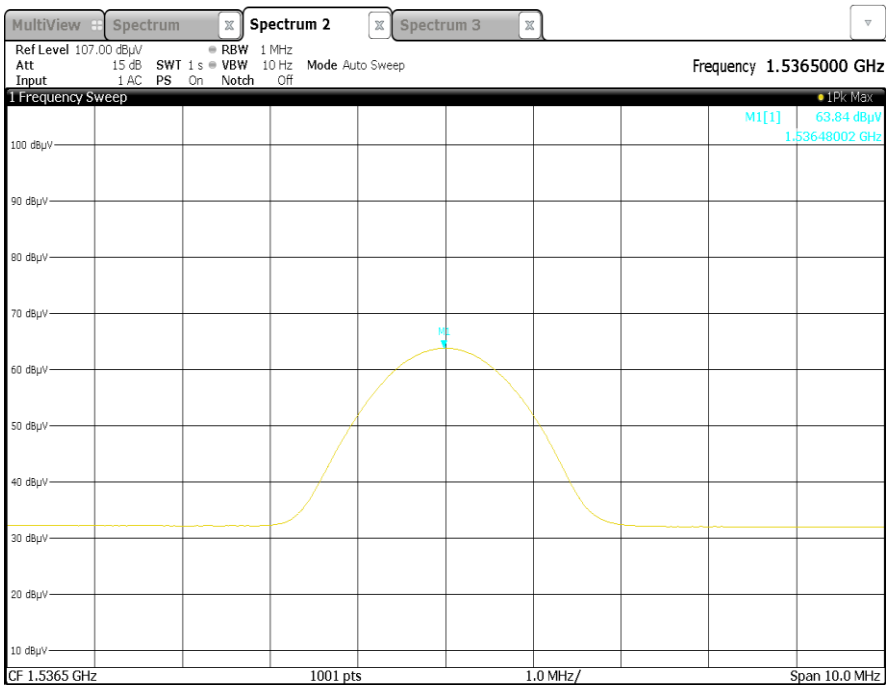


- RFID _ High frequency

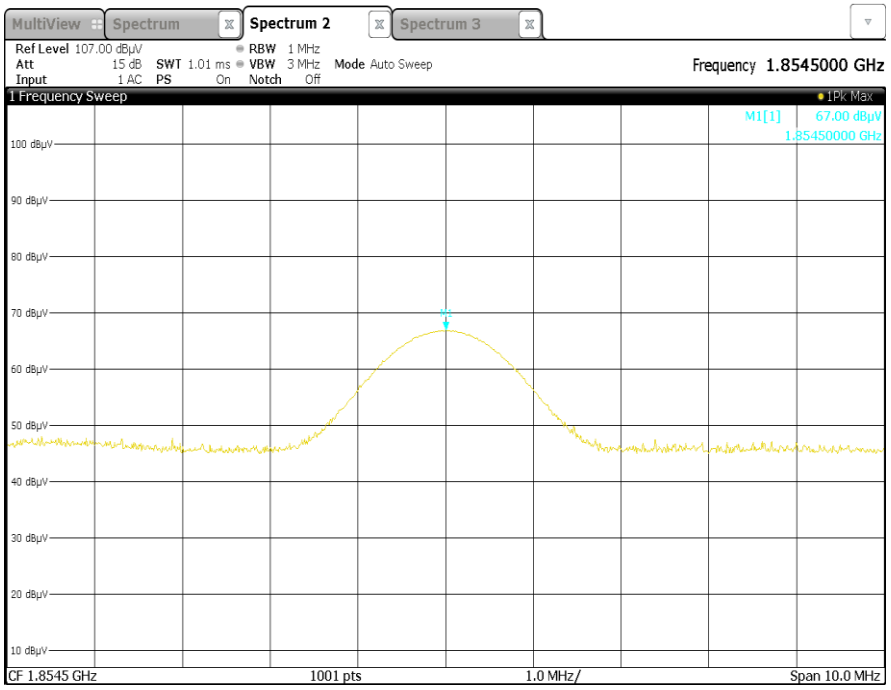
Spurious – Peak



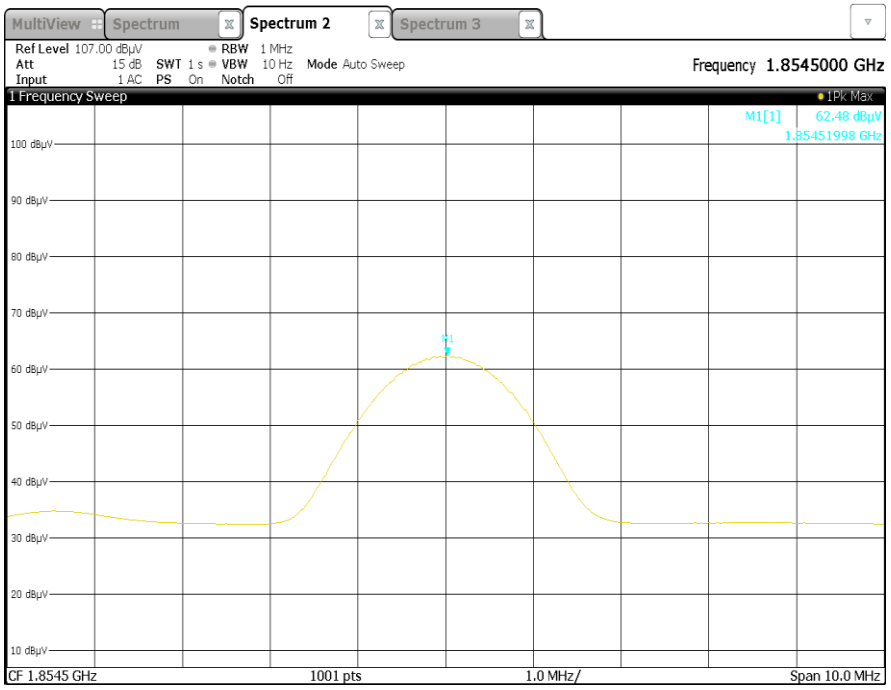
Spurious – Average



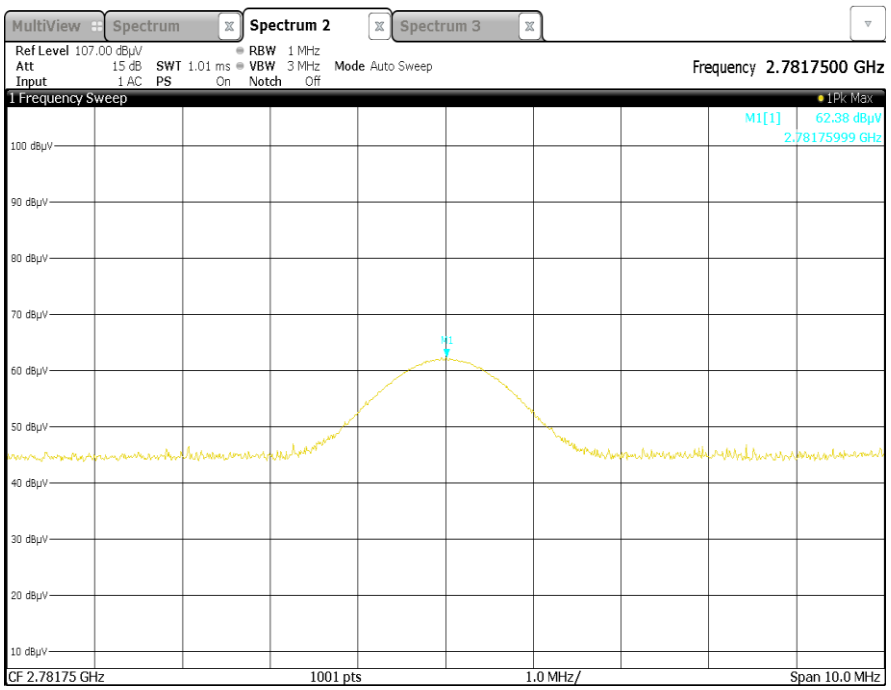
Spurious – Peak



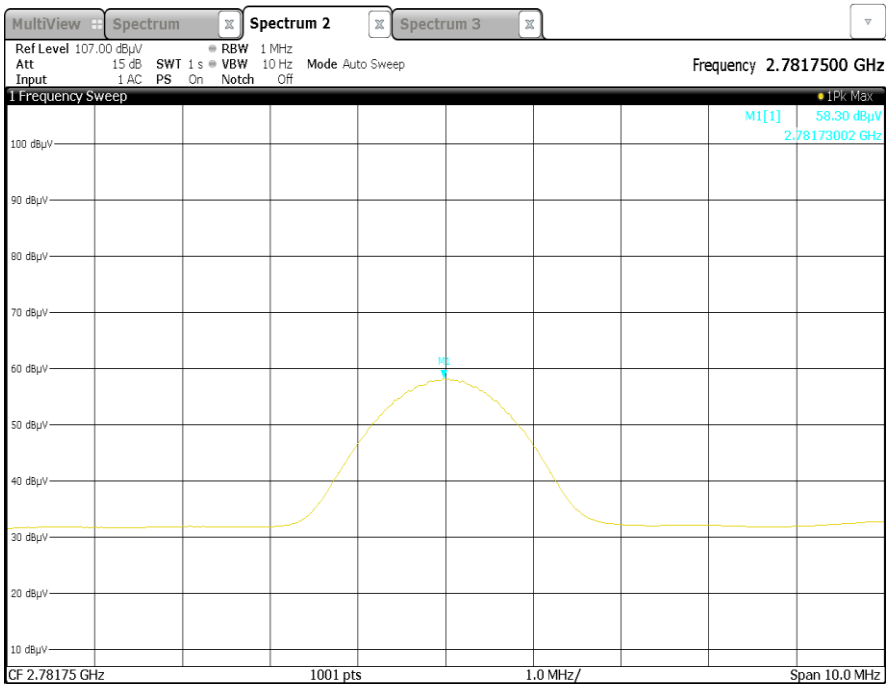
Spurious – Average



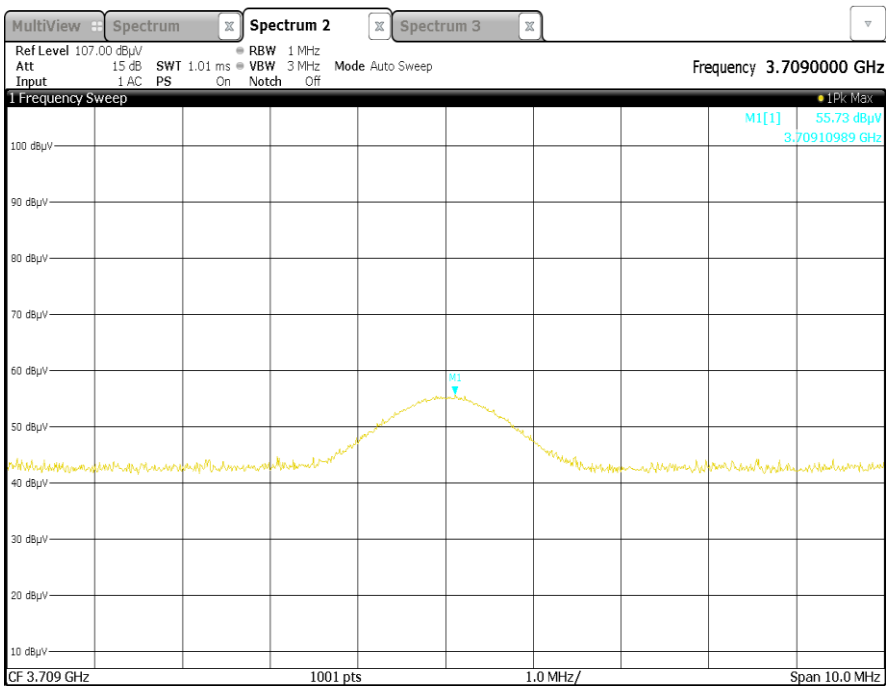
	Spurious – Peak



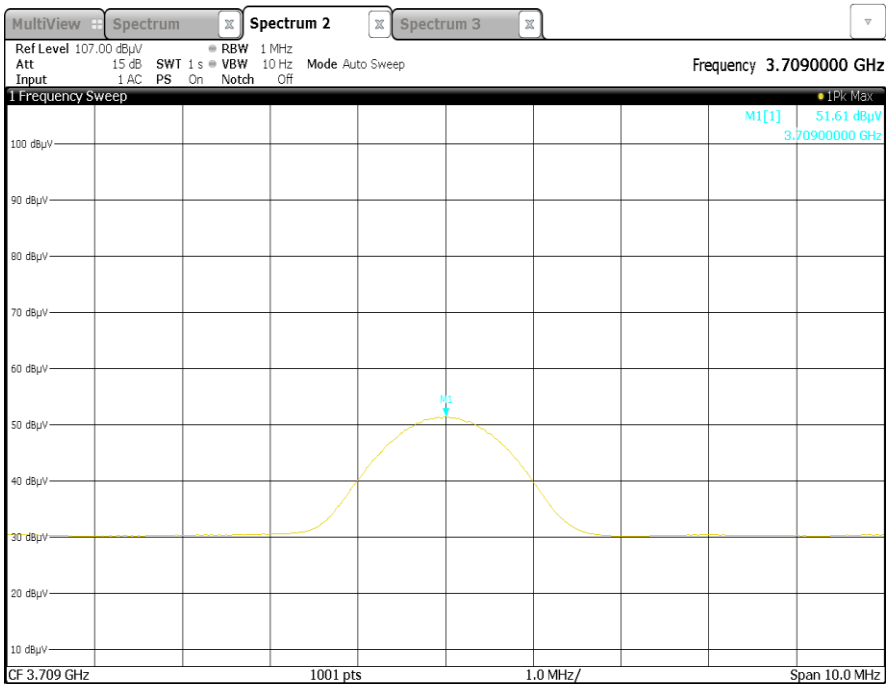
	Spurious – Average



	Spurious – Peak



	Spurious – Average



7. Conducted Emission

7.1 Test Setup

See test photographs for the actual connections between EUT and support equipment.

7.2 Limit

According to §15.207(a) for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 uH/50 ohm line impedance stabilization network (LISN).
Compliance with the provision of this paragraph shall on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower applies at the boundary between the frequency ranges.

Frequency Range (MHz)	Conducted Limit (dBuV)	
	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

12.3 Test Procedure

Conducted emissions from the EUT were measured according to the ANSI C63.10.

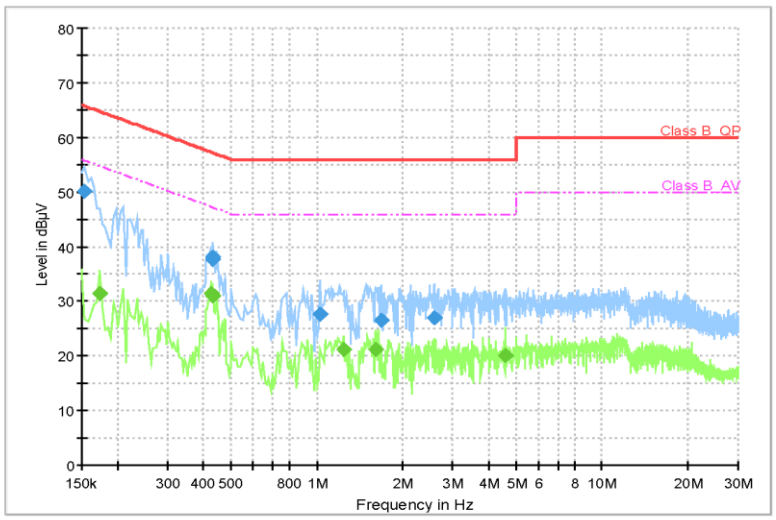
1. The test procedure is performed in a 6.5 m × 3.5 m × 3.5 m (L × W × H) shielded room. The EUT along with its peripherals were placed on a 1.0 m (W) × 1.5 m (L) and 0.8 m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane.
2. The EUT was connected to power mains through a line impedance stabilization network (LISN) which provides 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room.
3. All peripherals were connected to the second LISN and the chassis ground also bounded to the horizontal ground plane of shielded room.
4. The excess power cable between the EUT and the LISN was bundled. The power cables of peripherals were unbundled. All connecting cables of EUT and peripherals were moved to find the maximum emission.

7.4 Test Result

- AC Line Conducted Emission (Graph)

CARINA_RFID_L1

Conducted Emission

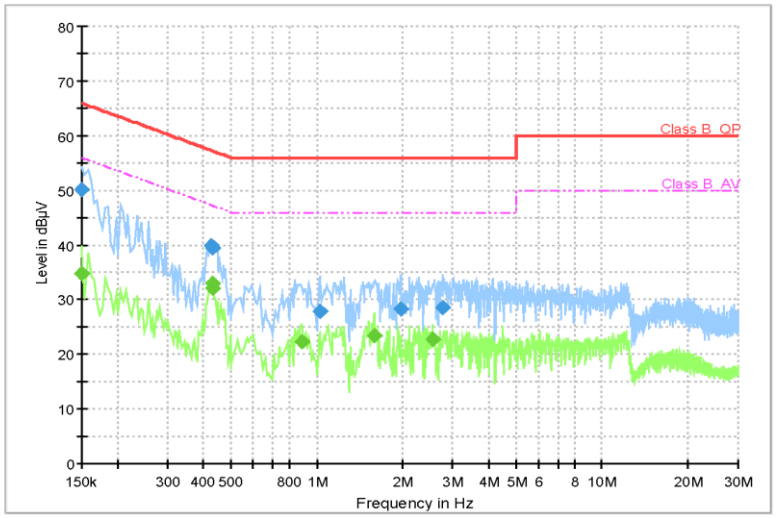


Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.154	50.03	---	65.78	15.75	9	L1	19.6
0.174	---	31.48	54.77	23.28	9	L1	19.8
0.426	---	31.43	47.33	15.90	9	L1	19.6
0.430	38.03	---	57.25	19.22	9	L1	19.6
0.434	---	30.96	47.18	16.22	9	L1	19.6
0.434	37.56	---	57.18	19.61	9	L1	19.6
1.030	27.61	---	56.00	28.39	9	L1	19.7
1.240	---	21.08	46.00	24.92	9	L1	19.7
1.610	---	21.16	46.00	24.84	9	L1	19.7
1.680	26.54	---	56.00	29.46	9	L1	19.7
2.570	26.86	---	56.00	29.14	9	L1	19.7
4.570	---	20.16	46.00	25.84	9	L1	19.8

CARINA_RFID_N

Conducted Emission



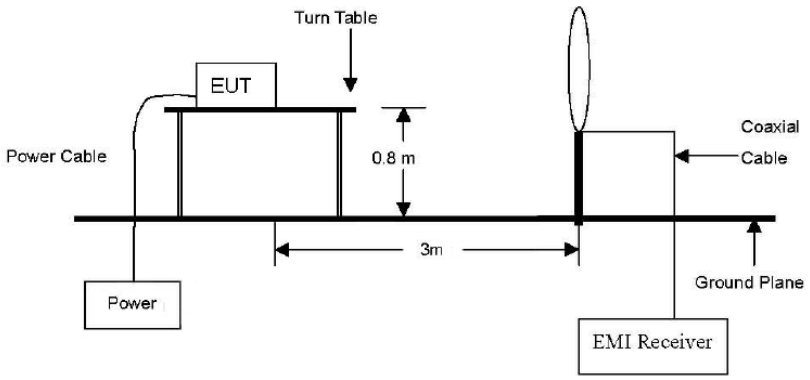
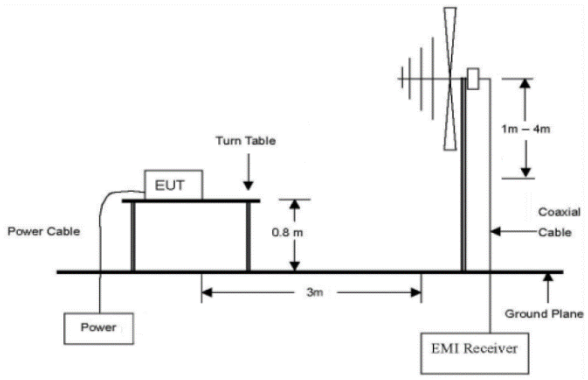
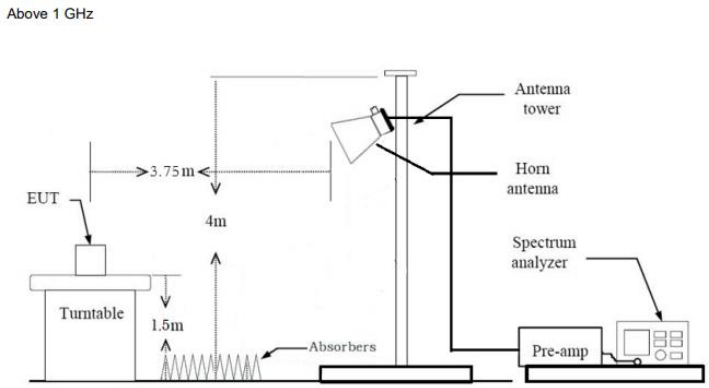
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.150	---	34.85	56.00	21.15	9	N	19.6
0.150	50.23	---	66.00	15.77	9	N	19.6
0.426	39.86	---	57.33	17.47	9	N	19.7
0.430	---	32.96	47.25	14.29	9	N	19.7
0.434	39.38	---	57.18	17.80	9	N	19.7
0.434	---	32.11	47.18	15.06	9	N	19.7
0.890	---	22.30	46.00	23.70	9	N	19.8
1.030	27.84	---	56.00	28.16	9	N	19.8
1.590	---	23.51	46.00	22.49	9	N	19.7
1.970	28.38	---	56.00	27.62	9	N	19.7
2.540	---	22.75	46.00	23.25	9	N	19.7
2.770	28.49	---	56.00	27.51	9	N	19.7

APPENDIX I

TEST SETUP

- Radiated Measurement

below 30 MHz	
below 1 GHz	
above 1 GHz	

APPENDIX II

UNCERTAINTY

Measurement Item	Expanded Uncertainty U = *k*Uc (*k*=2)
Conducted RF power	0.34 dB
Conducted Spurious Emissions	0.34 dB
Radiated Spurious Emissions	5.82 dB
Conducted Emissions	2.00 dB