

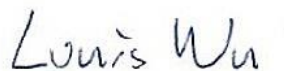


FCC RADIO TEST REPORT

FCC ID : UZ7FX9600
Equipment : RFID READER
Brand Name : Zebra
Model Name : FX9600
Applicant : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Manufacturer : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Standard : FCC Part 15 Subpart C §15.247

The product was received on Oct. 16, 2025 and testing was performed from May 20, 2026 to Jun. 02, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR4D1628-01	01	Initial issue of report	Jun. 24, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.247(a)(1)	Number of Channels	Not Required	-
-	15.247(a)(1)	Hopping Channel Separation	Not Required	-
-	15.247(a)(1)	Dwell Time of Each Channel	Not Required	-
-	15.247(a)(1)	20dB Bandwidth	Not Required	-
-	2.1049	99% Occupied Bandwidth	Not Required	-
3.1	15.247(b)(1)	Output Power	Pass	-
-	15.247(d)	Conducted Band Edges	Not Required	-
-	15.247(d)	Conducted Spurious Emission	Not Required	-
3.2	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass	6.01 dB under the limit at 42.15 MHz
-	15.207	AC Conducted Emission	Not Required	-
3.3	15.203	Antenna Requirement	Pass	-

Note:

1. This is a variant report by adding two antennas. All the test cases were performed on original report which can be referred to Sporton Report Number FR751510. Based on the original report, only worst case was verified.
2. Not required means after assessing, test items are not necessary to carry out.

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Wei Chen
Report Producer: Dara Chiu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	RFID READER
Brand Name	Zebra
Model Name	FX9600
FCC ID	UZ7FX9600
Sample 1	EUT with 8 antenna port
Sample 2	EUT with 4 antenna port
EUT supports Radios application	UHF RFID
HW Version	0.0.5.0
SW Version for TW	OS version : 2.2.15.0 Radio Firmware : 2.1.31.0 Radio RF Board : 11.0.0.0
MFD	15SEP21
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer.

Specification of Accessories				
Adapter	Brand Name	ZEBRA	Part Number	PWR-BGA24V78W0WW
POE	Brand Name	ZEBRA	Part Number	AP-PSBIAS-2P3-ATR
Power cable	Brand Name	ZEBRA	Part Number	301105-419
Antenna RF cable	Brand Name	ZEBRA	Model Name	CBLRD-1B40006801
Antenna 1	Brand Name	Times-7	Model Name	A5020NF
Antenna 2	Brand Name	Times-7	Model Name	A1130

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	902.75 MHz ~ 927.25 MHz
Number of Channels	50
Antenna Type / Gain	<Antenna 1> Near-Field Antenna with gain -25 dBi <Antenna 2> Near-Field Antenna with gain -10 dBi
Type of Modulation	ASK

Remark: The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

The test location is accredited based on TAF code 1190 and 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

FCC designation No.: TW1190 and TW3786

Note:

1. The test site complies with ANSI C63.4 2014 requirement.
2. The Radiated Spurious Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory (TAF Code: 1190).

1.5 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01
- ♦ FCC Part 15 Subpart C §15.247
- ♦ ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
902.75-927.25 MHz	1	915.45	28	922.20
	2	915.70	29	922.45
	3	915.95	30	922.70
	4	916.20	31	922.95
	5	916.45	32	923.20
	6	916.70	33	923.45
	7	916.95	34	923.70
	8	917.20	35	923.95
	9	917.45	36	924.20
	10	917.70	37	924.45
	11	917.95	38	924.70
	12	918.20	39	924.95
	13	918.45	40	925.20
	14	918.70	41	925.45
	15	918.95	42	925.70
	16	919.20	43	925.95
	17	919.45	44	926.20
	18	919.70	45	926.45
	19	919.95	46	926.70
	20	920.20	47	926.95
	21	920.45	48	927.20
	22	920.70	49	927.45
	23	920.95	50	927.70
	24	921.20		
	25	921.45		
	26	921.70		
	27	921.95		

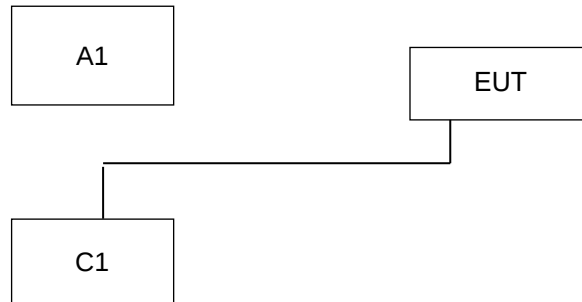
2.2 Test Mode

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

The following summary table is showing all test modes to demonstrate in compliance with the standard.

Summary table of Test Cases	
Test Item	UHF RFID
Radiated Test Cases	<Antenna 1>
	Mode 1: UHF RFID Tx 902.75 MHz
	Mode 2: UHF RFID Tx 914.75 MHz
	Mode 3: UHF RFID Tx 927.25 MHz
	<Antenna 2>
	Mode 1: UHF RFID Tx 902.75 MHz
	Mode 2: UHF RFID Tx 914.75 MHz
	Mode 3: UHF RFID Tx 927.25 MHz
Remark: For Radiated Test Cases, the tests were performed with Sample 1.	

2.3 Connection Diagram of Test System



Radiation Test Setup			
No.	Wireless Station	Connection Type	Test Mode
			1 ~ 6
A1	RFID Tx	RFID	X
No.	Setup Peripherals	Connection Type	1 ~ 6
			X
C1	Notebook	USB cable	X

2.4 EUT Operation Test Setup

The RF test items, utility “PuTTY 0.70” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Output Power Measurement

3.1.1 Limit of Output Power

Section 15.247 (b) The maximum peak conducted output power of the intentional radiator shall not exceed the following: (2) For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels, as permitted under paragraph (a)(1)(i) of this section.

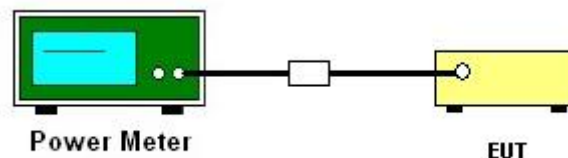
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.5.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Measure the conducted output power with cable loss and record the results in the test report.
5. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of Output Power

Test Mode :	UHF RFID	Temperature :	20 ~25°C
Test Engineer :	Cheng Huang	Relative Humidity :	50 ~ 56%

Frequency (MHz)	RF Power (dBm)		
	UHF	Max. Limits (dBm)	Pass/Fail
902.75	29.58	30.00	Pass
914.75	29.62	30.00	Pass
927.25	29.72	30.00	Pass

3.1.6 Test Result of Average Power (Reporting Only)

Test Mode :	UHF RFID	Temperature :	20 ~25°C
Test Engineer :	Cheng Huang	Relative Humidity :	50 ~ 56%

Frequency (MHz)	RF Power (dBm)	
	UHF	
902.75	26.30	
914.75	26.40	
927.25	26.78	

3.2 Radiated Band Edges and Spurious Emission Measurement

3.2.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics / spurious must be at least 20 dB below the highest emission level within the authorized band. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.2.2 Measuring Instruments

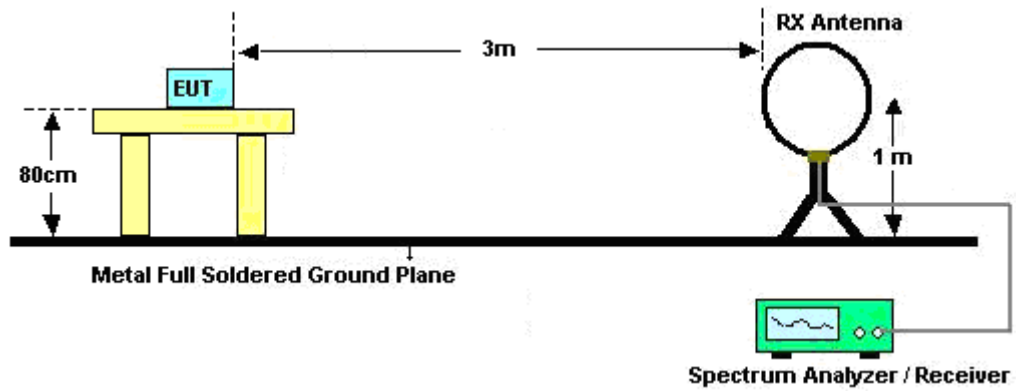
Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

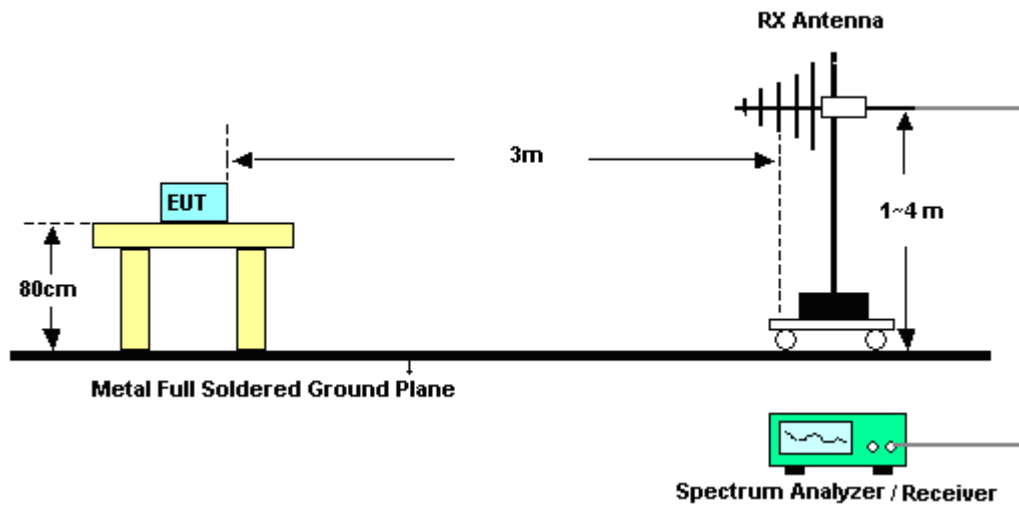
1. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
2. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
3. For each suspected emission, the EUT is 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.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW = 100 kHz for $f < 1$ GHz, RBW = 1 MHz for $f > 1$ GHz ; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
 - (3) For average measurement: use duty cycle correction factor method per 15.35(c).
Duty cycle = On time/100 milliseconds
On time = $N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n$
Where N_1 is number of type 1 pulses, L_1 is length of type 1 pulses, etc.
Average Emission Level = Peak Emission Level + $20 * \log$ (Duty cycle)
6. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
7. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
8. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.2.4 Test Setup

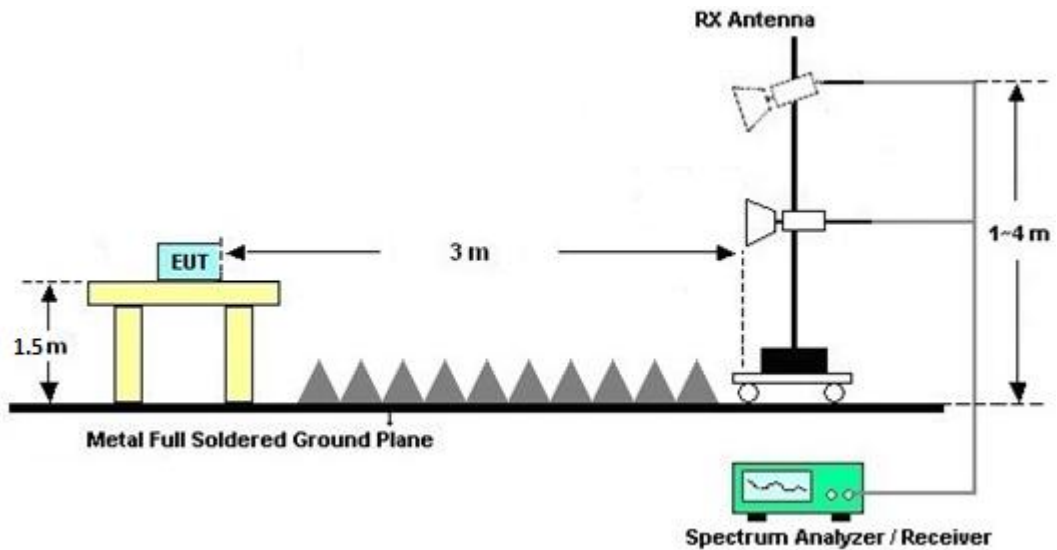
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz





3.2.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result comes out very similar.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A and B.

3.2.7 Duty Cycle

Please refer to Appendix C.

3.2.8 Test Result of Radiated Spurious Emission

Please refer to Appendix A and B.



3.3 Antenna Requirements

3.3.1 Standard Applicable

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. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.3.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	May 20, 2026 ~ May 21, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	Agilent	E9327A	US40441548	50MHz~18GHz	Jun. 13, 2025	May 20, 2026 ~ May 21, 2026	Jun. 12, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	May 20, 2026 ~ May 21, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	May 20, 2026 ~ May 21, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	May 20, 2026 ~ May 21, 2026	N/A	Conducted (TH05-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 20, 2026	May 29, 2026 ~ Jun. 02, 2026	Apr. 19, 2027	Radiation (03CH07-HY)
Double Ridged Guide Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Dec. 09, 2025	May 29, 2026 ~ Jun. 02, 2026	Dec. 08, 2026	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16, 2026	May 29, 2026 ~ Jun. 02, 2026	Mar. 15, 2027	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 17, 2026	May 29, 2026 ~ Jun. 02, 2026	Apr. 16, 2027	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Sep. 30, 2025	May 29, 2026 ~ Jun. 02, 2026	Sep. 29, 2026	Radiation (03CH07-HY)
Signal Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Apr. 09, 2026	May 29, 2026 ~ Jun. 02, 2026	Apr. 08, 2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 19, 2026	May 29, 2026 ~ Jun. 02, 2026	Feb. 18, 2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 19, 2026	May 29, 2026 ~ Jun. 02, 2026	Feb. 18, 2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 13, 2025	May 29, 2026 ~ Jun. 02, 2026	Sep. 12, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 19, 2026	May 29, 2026 ~ Jun. 02, 2026	Feb. 18, 2027	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	May 29, 2026 ~ Jun. 02, 2026	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	May 29, 2026 ~ Jun. 02, 2026	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	May 29, 2026 ~ Jun. 02, 2026	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	May 29, 2026 ~ Jun. 02, 2026	N/A	Radiation (03CH07-HY)
Software	Audix	E3	RK-002396	N/A	N/A	May 29, 2026 ~ Jun. 02, 2026	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 02, 2026	May 29, 2026 ~ Jun. 02, 2026	Mar. 01, 2027	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 08, 2025	May 29, 2026 ~ Jun. 02, 2026	Aug. 07, 2026	Radiation (03CH07-HY)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Dec. 09, 2025	May 29, 2026 ~ Jun. 02, 2026	Dec. 08, 2026	Radiation (03CH07-HY)

5 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.30 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.70 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.50 dB
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Appendix A. Radiated Spurious Emission

Test Engineer :	Ken Wu, Jesse Wang, and Stan Hsieh	Temperature :	19.8 ~ 25.2°C
		Relative Humidity :	63.5 ~ 68.6%

RFID

RFID_ANT 1 (LF @ 3m)

RFID	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
RFID 902.25MHz		34.59	25.44	-14.56	40	32.35	22.07	1.02	30	-	-	P	H
		107.49	35.6	-7.9	43.5	47.1	16.61	1.83	29.94	-	-	P	H
		226.56	33.95	-12.05	46	45.27	15.93	2.65	29.9	-	-	P	H
		537.3	33.25	-12.75	46	35.06	23.93	4.07	29.81	-	-	P	H
		710.2	33.95	-12.05	46	32.36	26.53	4.67	29.61	-	-	P	H
	*	902.25	118.05	-	-	113.12	28.71	5.3	29.08	100	142	P	H
		968.5	34.59	-19.41	54	26.88	30.85	5.5	28.64	-	-	P	H
													H
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		34.59	33.42	-6.58	40	40.33	22.07	1.02	30	-	-	P	V
		62.67	29.76	-10.24	40	46.64	11.69	1.39	29.96	-	-	P	V
		101.55	31.97	-11.53	43.5	44.14	15.99	1.77	29.93	-	-	P	V
		537.3	29.05	-16.95	46	30.86	23.93	4.07	29.81	-	-	P	V
		745.2	32.87	-13.13	46	29.75	27.92	4.83	29.63	-	-	P	V
	*	902.25	114.04	-	-	109.11	28.71	5.3	29.08	206	18	P	V
		965	36.46	-17.54	54	28.65	30.98	5.49	28.66	-	-	P	V
													V
													V
													V
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													V



RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 914.5MHz		33.24	24.36	-15.64	40	30.76	22.6	1	30	-	-	P	H
		105.33	33.88	-9.62	43.5	45.73	16.28	1.81	29.94	-	-	P	H
		225.48	31.63	-14.37	46	43.03	15.86	2.64	29.9	-	-	P	H
		537.3	31.04	-14.96	46	32.85	23.93	4.07	29.81	-	-	P	H
		710.2	31.72	-14.28	46	30.13	26.53	4.67	29.61	-	-	P	H
	*	914.5	117.47	-	-	112.14	29	5.33	29	100	150	P	H
		966.4	34.8	-19.2	54	27	30.96	5.5	28.66	-	-	P	H
													H
													H
													H
													H
													H
		34.86	33.14	-6.86	40	40.1	22.02	1.02	30	-	-	P	V
		61.86	27.29	-12.71	40	44.2	11.67	1.38	29.96	-	-	P	V
		105.06	30.52	-12.98	43.5	42.39	16.26	1.81	29.94	-	-	P	V
		537.3	28.98	-17.02	46	30.79	23.93	4.07	29.81	-	-	P	V
		710.2	32.1	-13.9	46	30.51	26.53	4.67	29.61	-	-	P	V
	*	914.5	115.77	-	-	110.44	29	5.33	29	198	20	P	V
		975.5	35.99	-18.01	54	28.2	30.86	5.53	28.6	-	-	P	V
													V
													V
													V
													V
													V

RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 927.75MHz		44.85	24.97	-15.03	40	37.14	16.69	1.17	30.03	-	-	P	H
		105.87	35.57	-7.93	43.5	47.37	16.32	1.82	29.94	-	-	P	H
		227.37	32.39	-13.61	46	43.66	15.98	2.65	29.9	-	-	P	H
		537.3	32.22	-13.78	46	34.03	23.93	4.07	29.81	-	-	P	H
		710.2	32.02	-13.98	46	30.43	26.53	4.67	29.61	-	-	P	H
	*	927.75	118.61	-	-	112.74	29.41	5.37	28.91	100	155	P	H
		967.1	34	-20	54	26.25	30.9	5.5	28.65	-	-	P	H
													H
													H
													H
													H
													H
		34.86	33.85	-6.15	40	40.81	22.02	1.02	30	-	-	P	V
		60.78	27.09	-12.91	40	44.07	11.62	1.37	29.97	-	-	P	V
		98.31	32.98	-10.52	43.5	45.54	15.64	1.74	29.94	-	-	P	V
		537.3	28.57	-17.43	46	30.38	23.93	4.07	29.81	-	-	P	V
		737.5	36.68	-9.32	46	33.82	27.69	4.79	29.62	-	-	P	V
	*	927.75	117.55	-	-	111.68	29.41	5.37	28.91	178	16	P	V
		962.2	37.09	-16.91	54	29.4	30.89	5.48	28.68	-	-	P	V
													V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. Non restricted band limit is radio frequency level down 20db												

**RFID (Harmonic @ 3m)**

RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 902.25MHz		2706.75	43.09	-30.91	74	33.93	32.63	9.69	33.16	-	-	P	H
		3609	44.52	-29.48	74	33.65	33.24	11.29	33.66	-	-	P	H
		4511.25	46.76	-27.24	74	33.93	34.22	12.41	33.8	-	-	P	H
		5413.5	44.65	-29.35	74	30.28	34.9	13.67	34.2	-	-	P	H
		8120.25	47.4	-26.6	74	31.52	36.2	16.52	36.84	-	-	P	H
		9022.5	47.68	-26.32	74	31.65	36.5	17.37	37.84	-	-	P	H
												P	H
													H
													H
		2706.75	44.28	-29.72	74	35.12	32.63	9.69	33.16	-	-	P	V
		3609	43.84	-30.16	74	32.97	33.24	11.29	33.66	-	-	P	V
		4511.25	48.52	-25.48	74	35.69	34.22	12.41	33.8	-	-	P	V
		5413.5	44.6	-29.4	74	30.23	34.9	13.67	34.2	-	-	P	V
		8120.25	47.63	-26.37	74	31.75	36.2	16.52	36.84	-	-	P	V
		9022.5	48.24	-25.76	74	32.21	36.5	17.37	37.84	-	-	P	V
												P	V
													V
													V



RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 914.5MHz		2743.5	43.39	-30.61	74	34.16	32.6	9.79	33.16	-	-	P	H
		3658	45.9	-28.1	74	34.74	33.4	11.41	33.65	-	-	P	H
		4572.5	46.74	-27.26	74	33.61	34.43	12.47	33.77	-	-	P	H
		7316	47.15	-26.85	74	31.38	36	15.81	36.04	-	-	P	H
		8230.5	47.38	-26.62	74	31.62	36.2	16.48	36.92	-	-	P	H
		9145	48.91	-25.09	74	32.8	36.59	17.56	38.04	-	-	P	H
													H
													H
													H
		2743.5	44.38	-29.62	74	35.15	32.6	9.79	33.16	-	-	P	V
		3658	45.13	-28.87	74	33.97	33.4	11.41	33.65	-	-	P	V
		4572.5	45.73	-28.27	74	32.6	34.43	12.47	33.77	-	-	P	V
		7316	47.15	-26.85	74	31.38	36	15.81	36.04	-	-	P	V
		8230.5	48.27	-25.73	74	32.51	36.2	16.48	36.92	-	-	P	V
		9145	48.47	-25.53	74	32.36	36.59	17.56	38.04	-	-	P	V
													V
													V
													V



RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 927.75MHz		2783.25	45.57	-28.43	74	36.13	32.7	9.89	33.15	-	-	P	H
		3711	45.31	-28.69	74	33.99	33.42	11.54	33.64	-	-	P	H
		4638.75	45.36	-28.64	74	31.78	34.68	12.63	33.73	-	-	P	H
		7422	46.67	-27.33	74	30.98	36	15.8	36.11	-	-	P	H
		8349.75	47.61	-26.39	74	31.79	36.2	16.64	37.02	-	-	P	H
												P	H
													H
													H
													H
		2783.25	44.44	-29.56	74	35	32.7	9.89	33.15	-	-	P	V
		3711	44.87	-29.13	74	33.55	33.42	11.54	33.64	-	-	P	V
		4638.75	45.46	-28.54	74	31.88	34.68	12.63	33.73	-	-	P	V
		7422	46.48	-27.52	74	30.79	36	15.8	36.11	-	-	P	V
		8349.75	47.65	-26.35	74	31.83	36.2	16.64	37.02	-	-	P	V
												P	V
													V
													V
													V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Non restricted band limit is radio frequency level down 20db											



RFID_ANT 2 (LF @ 3m)

RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 902.25MHz		42.15	28.65	-11.35	40	39.32	18.22	1.13	30.02	-	-	P	H
		105.87	35.92	-7.58	43.5	47.72	16.32	1.82	29.94	-	-	P	H
		226.02	30.59	-15.41	46	41.94	15.9	2.65	29.9	-	-	P	H
		577.2	27.34	-18.66	46	27.15	25.77	4.22	29.8	-	-	P	H
		747.3	30.13	-15.87	46	26.96	27.96	4.84	29.63	-	-	P	H
	*	902.25	102.17	-	-	97.24	28.71	5.3	29.08	189	101	P	H
		983.2	34.24	-19.76	54	26.7	30.53	5.56	28.55	-	-	P	H
													H
													H
													H
													H
													H
		30.54	32.62	-7.38	40	37.81	23.83	0.97	29.99	-	-	P	V
		42.15	33.91	-6.09	40	44.58	18.22	1.13	30.02	-	-	P	V
		105.33	33.36	-10.14	43.5	45.21	16.28	1.81	29.94	-	-	P	V
		570.2	28.85	-17.15	46	28.52	25.92	4.2	29.79	-	-	P	V
		734	35.13	-10.87	46	32.46	27.51	4.78	29.62	-	-	P	V
	*	902.25	104.56	-	-	99.63	28.71	5.3	29.08	100	67	P	V
		971.3	34.44	-19.56	54	26.63	30.91	5.52	28.62	-	-	P	V
													V
													V
													V
													V
													V



RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 914.5MHz		42.15	28.4	-11.6	40	39.07	18.22	1.13	30.02	-	-	P	H
		106.14	35.91	-7.59	43.5	47.68	16.35	1.82	29.94	-	-	P	H
		225.48	28.58	-17.42	46	39.98	15.86	2.64	29.9	-	-	P	H
		498.1	26.93	-19.07	46	29.12	23.83	3.92	29.94	-	-	P	H
		745.2	31.82	-14.18	46	28.7	27.92	4.83	29.63	-	-	P	H
	*	914.5	102.29	-	-	96.96	29	5.33	29	301	141	P	H
		965.7	34.34	-19.66	54	26.49	31.02	5.49	28.66	-	-	P	H
													H
													H
													H
													H
													H
		30.54	33.54	-6.46	40	38.73	23.83	0.97	29.99	-	-	P	V
		42.15	32.07	-7.93	40	42.74	18.22	1.13	30.02	-	-	P	V
		105.06	32.48	-11.02	43.5	44.35	16.26	1.81	29.94	-	-	P	V
		444.9	23.47	-22.53	46	26.92	22.69	3.7	29.84	-	-	P	V
		739.6	32.58	-13.42	46	29.6	27.81	4.8	29.63	-	-	P	V
	*	914.5	102.67	-	-	97.34	29	5.33	29	100	55	P	V
		970.6	34.33	-19.67	54	26.56	30.89	5.51	28.63	-	-	P	V
													V
													V
													V
													V
													V

RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 927.75MHz		42.15	27.82	-12.18	40	38.49	18.22	1.13	30.02	-	-	P	H
		106.41	36.07	-7.43	43.5	47.8	16.39	1.82	29.94	-	-	P	H
		226.56	30.66	-15.34	46	41.98	15.93	2.65	29.9	-	-	P	H
		493.9	31.32	-14.68	46	33.63	23.71	3.91	29.93	-	-	P	H
		745.9	32.13	-13.87	46	28.98	27.95	4.83	29.63	-	-	P	H
	*	927.75	102.55	-	-	96.68	29.41	5.37	28.91	289	122	P	H
		974.8	33.92	-20.08	54	26.14	30.85	5.53	28.6	-	-	P	H
													H
													H
													H
													H
													H
		30.54	33.73	-6.27	40	38.92	23.83	0.97	29.99	-	-	P	V
		42.15	33.99	-6.01	40	44.66	18.22	1.13	30.02	-	-	P	V
		104.79	33.37	-10.13	43.5	45.26	16.24	1.81	29.94	-	-	P	V
		617.1	27.64	-18.36	46	27.37	25.73	4.36	29.82	-	-	P	V
		736.8	35.78	-10.22	46	32.94	27.67	4.79	29.62	-	-	P	V
	*	927.75	101.88	-	-	96.01	29.41	5.37	28.91	100	60	P	V
		978.3	34.41	-19.59	54	26.74	30.71	5.54	28.58	-	-	P	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. Non restricted band limit is radio frequency level down 20db												

**RFID (Harmonic @ 3m)**

RFID	Note	Frequency (MHz)	Level (dB μ V/m)	Margin (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 902.25MHz		2706.75	43.68	-30.32	74	34.52	32.63	9.69	33.16	-	-	P	H
		3609	44	-30	74	33.13	33.24	11.29	33.66	-	-	P	H
		4511.25	47.31	-26.69	74	34.48	34.22	12.41	33.8	-	-	P	H
		5413.5	45.11	-28.89	74	30.74	34.9	13.67	34.2	-	-	P	H
		8120.25	47.4	-26.6	74	31.52	36.2	16.52	36.84	-	-	P	H
		9022.5	47.66	-26.34	74	31.63	36.5	17.37	37.84	-	-	P	H
												P	H
													H
													H
		2706.75	43.97	-30.03	74	34.81	32.63	9.69	33.16	-	-	P	V
		3609	43.76	-30.24	74	32.89	33.24	11.29	33.66	-	-	P	V
		4511.25	46.91	-27.09	74	34.08	34.22	12.41	33.8	-	-	P	V
		5413.5	46.22	-27.78	74	31.85	34.9	13.67	34.2	-	-	P	V
		8120.25	47.7	-26.3	74	31.82	36.2	16.52	36.84	-	-	P	V
		9022.5	48	-26	74	31.97	36.5	17.37	37.84	-	-	P	V
												P	V
												P	V
													V



RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 914.5MHz		2743.5	43.53	-30.47	74	34.3	32.6	9.79	33.16	-	-	P	H
		3658	46.37	-27.63	74	35.21	33.4	11.41	33.65	-	-	P	H
		4572.5	46.04	-27.96	74	32.91	34.43	12.47	33.77	-	-	P	H
		7316	47.03	-26.97	74	31.26	36	15.81	36.04	-	-	P	H
		8230.5	46.91	-27.09	74	31.15	36.2	16.48	36.92	-	-	P	H
		9145	48.33	-25.67	74	32.22	36.59	17.56	38.04	-	-	P	H
												P	H
													H
													H
		2743.5	44.27	-29.73	74	35.04	32.6	9.79	33.16	-	-	P	V
		3658	45.08	-28.92	74	33.92	33.4	11.41	33.65	-	-	P	V
		4572.5	46.1	-27.9	74	32.97	34.43	12.47	33.77	-	-	P	V
		7316	47.51	-26.49	74	31.74	36	15.81	36.04	-	-	P	V
		8230.5	48.55	-25.45	74	32.79	36.2	16.48	36.92	-	-	P	V
		9145	48.59	-25.41	74	32.48	36.59	17.56	38.04	-	-	P	V
												P	V
													V
													V



RFID	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
RFID 927.75MHz		2783.25	43.92	-30.08	74	34.48	32.7	9.89	33.15	-	-	P	H
		3711	44.86	-29.14	74	33.54	33.42	11.54	33.64	-	-	P	H
		4638.75	46.08	-27.92	74	32.5	34.68	12.63	33.73	-	-	P	H
		7422	47.8	-26.2	74	32.11	36	15.8	36.11	-	-	P	H
		8349.75	48.16	-25.84	74	32.34	36.2	16.64	37.02	-	-	P	H
												P	H
													H
													H
													H
		2783.25	44.22	-29.78	74	34.78	32.7	9.89	33.15	-	-	P	V
		3711	44.73	-29.27	74	33.41	33.42	11.54	33.64	-	-	P	V
		4638.75	46.24	-27.76	74	32.66	34.68	12.63	33.73	-	-	P	V
		7422	46.61	-27.39	74	30.92	36	15.8	36.11	-	-	P	V
		8349.75	47.22	-26.78	74	31.4	36.2	16.64	37.02	-	-	P	V
												P	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Non restricted band limit is radio frequency level down 20db												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	P eak or A verage
H/V	H orizontal or V ertical

A calculation example for radiated spurious emission is shown as below:

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix B. Radiated Spurious Emission Plots

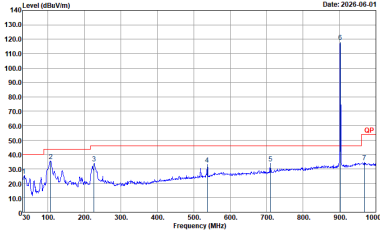
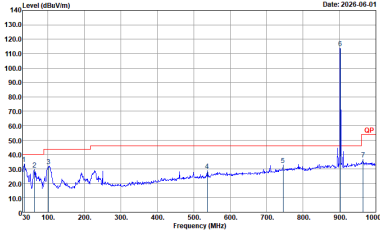
Test Engineer :	Ken Wu, Jesse Wang, and Stan Hsieh	Temperature :	19.8 ~ 25.2°C
		Relative Humidity :	63.5 ~ 68.6%

Note symbol

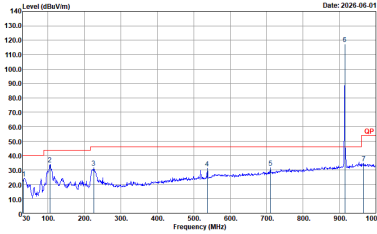
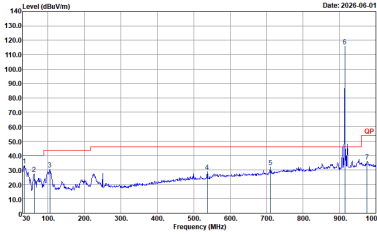
-L	Low channel location
-R	High channel location



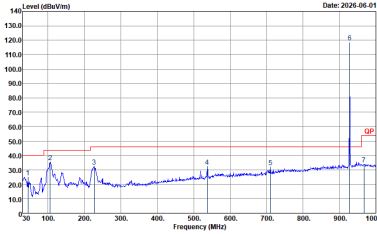
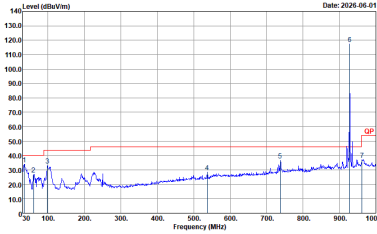
RFID_ANT 1 (LF @ 3m)

RFID	RFID	
ANT	RFID 902.25MHz	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419[G]_H HORIZONTAL Detector : Peak Project : 4031268-01 Mode : 1 Setting : 295	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419[G]_H VERTICAL Detector : Peak Project : 4031268-01 Mode : 1 Setting : 295



RFID	RFID	
ANT	RFID 914.5MHz	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6)_H HORIZONTAL Detector : Peak Project : 401268-01 Mode : 2 Setting : 290	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6)_H VERTICAL Detector : Peak Project : 401268-01 Mode : 2 Setting : 290



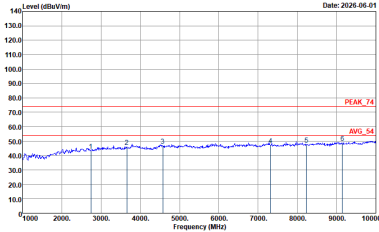
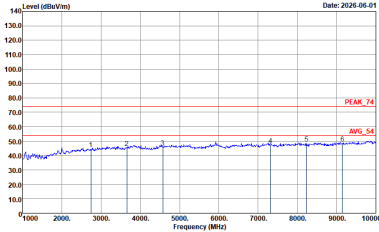
RFID	RFID	
ANT	RFID 927.75MHz	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6)_H HORIZONTAL Detector : Peak Project : 401268-01 Mode : 3 Setting : 295	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6)_H VERTICAL Detector : Peak Project : 401268-01 Mode : 3 Setting : 295



RFID (Harmonic @ 3m)

RFID	RFID	
ANT	RFID 902.25MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2026-06-01 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 401268-01 Mode : 1 Setting : 295	Level (dBuV/m) Date: 2026-06-01 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 401268-01 Mode : 1 Setting : 295



RFID	RFID	
ANT	RFID 914.5MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2026-06-01  Site : 03CH07-4Y Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Project : 401268-01 Mode : 2 Setting : 290	Level (dBuV/m) Date: 2026-06-01  Site : 03CH07-4Y Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Project : 401268-01 Mode : 2 Setting : 290



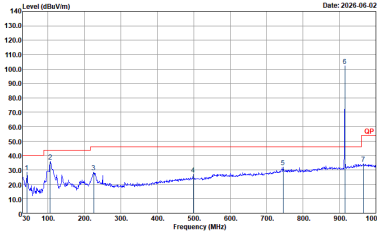
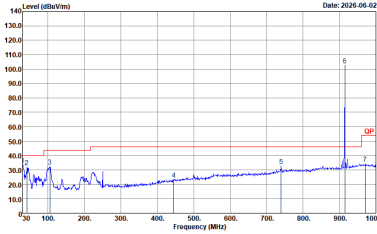
RFID	RFID	
ANT	RFID 927.75MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2026-06-01 Frequency (MHz) Site : 03CH07-4Y Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 401268-01 Mode : 3 Setting : 295	Level (dBuV/m) Date: 2026-06-01 Frequency (MHz) Site : 03CH07-4Y Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 401268-01 Mode : 3 Setting : 295



RFID_ANT 2 (LF @ 3m)

RFID	RFID	
ANT	RFID 902.25MHz	
2	Horizontal	Vertical
QP / Peak	Site : 03CH07-HY Condition : QP 3m LF-ANT-35419[G]_H HORIZONTAL Detector : Peak Project : 401268-01 Mode : 4 Setting : 295	Site : 03CH07-HY Condition : QP 3m LF-ANT-35419[G]_H VERTICAL Detector : Peak Project : 401268-01 Mode : 4 Setting : 295



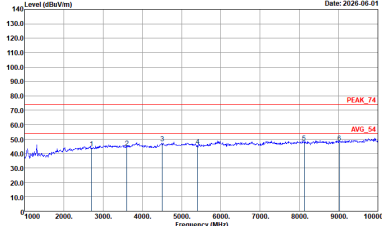
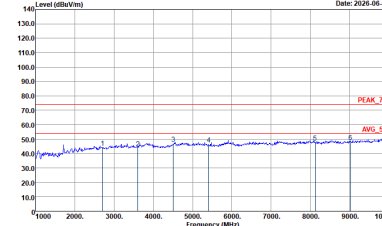
RFID	RFID	
ANT	RFID 914.5MHz	
2	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6)_H HORIZONTAL Detector : Peak Project : 401268-01 Mode : S Setting : 290	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6)_H VERTICAL Detector : Peak Project : 401268-01 Mode : S Setting : 290



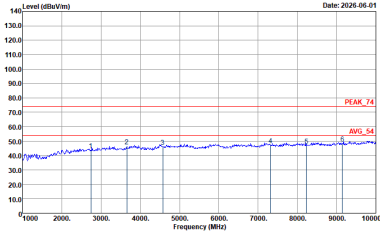
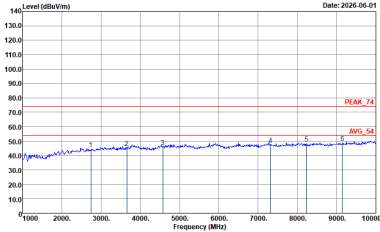
RFID	RFID	
ANT	RFID 927.75MHz	
2	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m (F-ANT-35419(6)_H HORIZONTAL) Detector : Peak Project : 401268-01 Mode : B Setting : 295	 Site : 03CH07-HY Condition : QP 3m (F-ANT-35419(6)_H VERTICAL) Detector : Peak Project : 401268-01 Mode : B Setting : 295



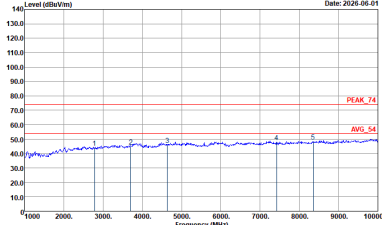
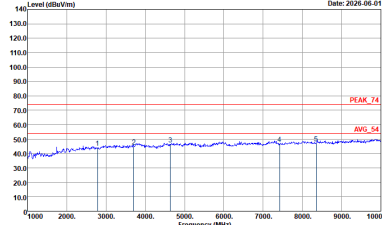
RFID (Harmonic @ 3m)

RFID	RFID	
ANT	RFID 902.25MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2026-06-01  Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 401268-01 Mode : 4 Setting : 295	Level (dBuV/m) Date: 2026-06-01  Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 401268-01 Mode : 4 Setting : 295



RFID	RFID	
ANT	RFID 914.5MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Project : 401268-01 Mode : 3 Setting : 290	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Project : 401268-01 Mode : 3 Setting : 290



RFID	RFID	
ANT	RFID 927.75MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2026-06-01  Frequency (MHz) Site : 03CH07-4Y Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 401268-01 Mode : B Setting : 295	Level (dBuV/m) Date: 2026-06-01  Frequency (MHz) Site : 03CH07-4Y Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 401268-01 Mode : B Setting : 295



Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
1	UHF RFID	100.00	-	-	10Hz
2	UHF RFID	100.00	-	-	10Hz

