

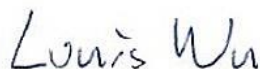


FCC RADIO TEST REPORT

FCC ID : UZ7ET4010A
Equipment : Enterprise Tablet
Brand Name : ZEBRA
Model Name : ET4010A
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 E §15.407

The product was received on Aug. 18, 2025 and testing was performed from Aug. 29, 2025. We, Sporton International Inc. EMC & Wireless Communications 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 partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Product Specification of Equipment Under Test.....	6
1.3 Modification of EUT	6
1.4 Testing Location	6
1.5 Applicable Standards.....	7
1.6 Carrier Frequency and Channel	7
2 Test Result	10
2.1 Transmit Power Control (TPC)	10
3 List of Measuring Equipment.....	12
Appendix A. Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FR551205B	01	Initial issue of report	Sep. 10, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.407(a)(10)	26dB Emission Bandwidth	Pass	See Note
-	2.1049	99% Occupied Bandwidth	Pass	See Note
-	15.407(a)(9)	Fundamental Maximum EIRP	Pass	See Note
-	15.407(a)(9)	Fundamental Power Spectral Density	Pass	See Note
-	15.407(b)(6)	In-Band Emissions (Channel Mask)	Pass	See Note
-	15.407(d)(6)	Contention Based Protocol	Pass	See Note
3.1	15.407(d)(10)	Transmit Power Control (TPC)	Pass	-
-	15.407(b)	Unwanted Emissions	Pass	See Note
-	15.207	AC Conducted Emission	Pass	See Note

Conformity Assessment Condition:

- 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.
- 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: Shannon Huang



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Enterprise Tablet
Brand Name	ZEBRA
Model Name	ET4010A
FCC ID	UZ7ET4010A
EUT supports Radios application	WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 WLAN 11be EHT20/EHT40/EHT80/EHT160/EHT320 Bluetooth BR/EDR/LE
HW Version	EV1
MFD	16JUL25
EUT Stage	Identical Prototype

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

EUT Information List	
S/N	Performed Test Item
251335247E0065	Transmit Power Control (TPC)

Specification of Accessories				
AC Adapter 1 (TYPE C Wall Charger 1)	Brand Name	Zebra	Part Number	PWR-WUA5V45W1US
Earphone 1 (Wired headset USB-C)	Brand Name	Zebra	Part Number	HDST-USBC-PTT 1-01
Earphone 2 (Rugged Bluetooth Headset)	Brand Name	Zebra	Part Number	HS3100-0TH
Earphone 3 (3.5mm PTT Headset)	Brand Name	Zebra	Part Number	HDST-35MM-PTT 1-02
Earphone 4 (Rugged Headset)	Brand Name	Zebra	Part Number	HS2100-0TH
Earphone 5 USB-C Wired Earbuds	Brand Name	Avantree	Model Name	C171
Battery	Brand Name	Zebra	Part Number	BT-000527
Type C-Audio Cable Type C to 3.5mm	Brand Name	Zebra	Part Number	ADP-USBC-35MM1-01
3.5mm to 3.5mm audio connector	Brand Name	Zebra	Part Number	CBL-HS2100-3MS1-01
USB Cable 1 USB-C to C Cable	Brand Name	Zebra	Part Number	CBL-EC5X-USBC3A-01
USB Cable 2 USB-A to C Cable	Brand Name	Zebra	Part Number	CBL-TC5X-USBC2A-01
USB Cable 3 USB-C to C Cable	Brand Name	Zebra	Part Number	CBL-TN28-USBC2C-01

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Channel Frequency Range	5925 MHz ~ 6425 MHz 6525 MHz ~ 6875 MHz
Antenna Type / Gain	<5925 MHz ~ 6425 MHz> <Ant. 6>: IFA Antenna with gain 0.2 dBi <Ant. 7>: IFA Antenna with gain -0.3 dBi <6525 MHz ~ 6875 MHz> <Ant. 6>: IFA Antenna with gain 0.6 dBi <Ant. 7>: IFA Antenna with gain -0.6 dBi
Type of Modulation	802.11a : OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ax : OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM) 802.11be: OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM/4096QAM)

Remark: The EUT's information above is 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

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.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. DF02-HY
Test Engineer	Kai Liao
Temperature (°C)	20.3~23.1
Relative Humidity (%)	50.5~53.7

FCC designation No.: TW1190

1.5 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- ♦ ANSI C63.10-2020

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.

1.6 Carrier Frequency and Channel

BW 20M	Channel	1	5	9	13	17	21	25	29
	Freq. (MHz)	5955	5975	5995	6015	6035	6055	6075	6095
BW 40M	Channel	3		11		19		27	
	Freq. (MHz)	5965		6005		6045		6085	
BW 80M	Channel	7				23			
	Freq. (MHz)	5985				6065			
BW 160M	Channel	15							
	Freq. (MHz)	6025							

BW 20M	Channel	33	37	41	45	49	53	57	61
	Freq. (MHz)	6115	6135	6155	6175	6195	6215	6235	6255
BW 40M	Channel	35		43		51		59	
	Freq. (MHz)	6125		6165		6205		6245	
BW 80M	Channel	39				55			
	Freq. (MHz)	6145				6225			
BW 160M	Channel	47							
	Freq. (MHz)	6185							



BW 20M	Channel	65	69	73	77	81	85	89	93
	Freq. (MHz)	6275	6295	6315	6335	6355	6375	6395	6415
BW 40M	Channel	67		75		83		91	
	Freq. (MHz)	6285		6325		6365		6405	
BW 80M	Channel	71				87			
	Freq. (MHz)	6305				6385			
BW 160M	Channel	79							
	Freq. (MHz)	6345							

BW 20M	Channel	97	101	105	109	113	117	121	125
	Freq. (MHz)	6435	6455	6475	6495	6515	6535	6555	6575
BW 40M	Channel	99		107		115		123	
	Freq. (MHz)	6445		6485		6525		6565	
BW 80M	Channel	103				119			
	Freq. (MHz)	6465				6545			
BW 160M	Channel	111							
	Freq. (MHz)	6505							

BW 20M	Channel	129	133	137	141	145	149	153	157
	Freq. (MHz)	6595	6615	6635	6655	6675	6695	6715	6735
BW 40M	Channel	131		139		147		155	
	Freq. (MHz)	6605		6645		6685		6725	
BW 80M	Channel	135				151			
	Freq. (MHz)	6625				6705			
BW 160M	Channel	143							
	Freq. (MHz)	6665							

BW 20M	Channel	161	165	169	173	177	181	185	189
	Freq. (MHz)	6755	6775	6795	6815	6835	6855	6875	6895
BW 40M	Channel	163		171		179		187	
	Freq. (MHz)	6765		6805		6845		6885	
BW 80M	Channel	167				183			
	Freq. (MHz)	6785				6865			
BW 160M	Channel	175							
	Freq. (MHz)	6825							



BW 20M	Channel	193	197	201	205	209	213	217	221
	Freq. (MHz)	6915	6935	6955	6975	6995	7015	7035	7055
BW 40M	Channel	195		203		211		219	
	Freq. (MHz)	6925		6965		7005		7045	
BW 80M	Channel	199				215			
	Freq. (MHz)	6945				7025			
BW 160M	Channel	207							
	Freq. (MHz)	6985							

BW 20M	Channel	-				229			
	Freq. (MHz)	-				7095			
BW 40M	Channel	227							
	Freq. (MHz)	7085							

2 Test Result

2.1 Transmit Power Control (TPC)

2.1.1 Limit of Unwanted Emissions

<FCC 14-30 CFR 15.407>

(d)(10) Very low power devices operating in the 5.925-6.425 and 6.525-6.875 GHz bands shall employ a transmit power control (TPC) mechanism. A very low power device is required to have the capability to operate at least 6 dB below the maximum EIRP power spectral density (PSD) value of -5 dBm/MHz.

2.1.2 Measuring Instruments

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

2.1.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

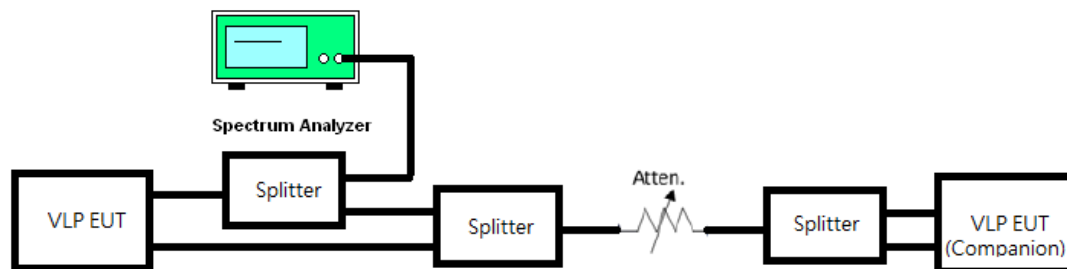
Section F) Maximum power spectral density.

Method SA-2

(power averaging (rms) detection with max hold):

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW $\geq$ 3 MHz.
- Number of points in sweep $\geq$ 2 Span / RBW.
- Sweep time $\leq$ (number of points in sweep) $\times$ T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
Measure the PPSD and record it.

2.1.4 Test Setup

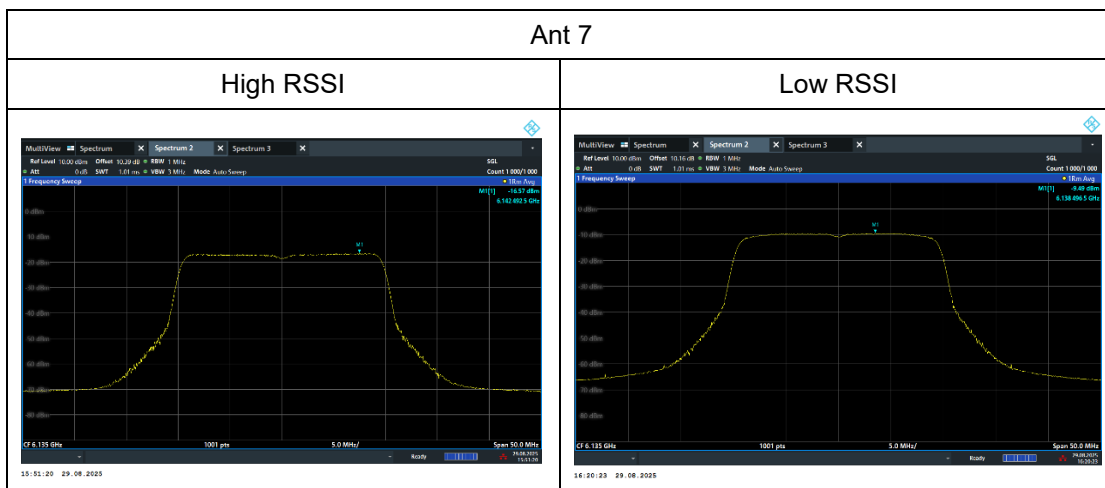
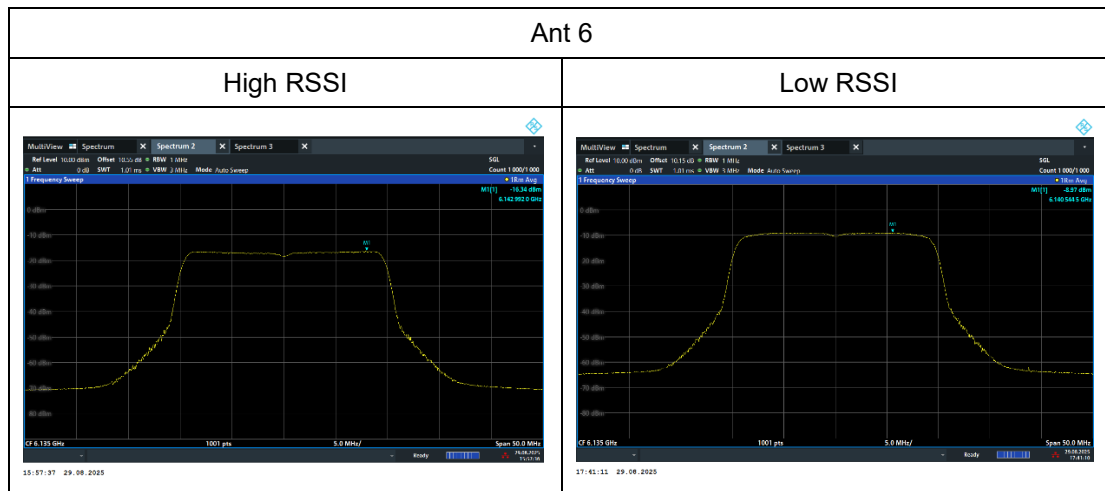


2.1.5 Test Result

The purpose of this test is to verify the relative power drop as the RSSI is increased.

If the conducted PSD delta is greater than 6dB then it ensures the EIRP PSD is at least 6 dB below the maximum EIRP power spectral density (PSD) value of -5 dBm/MHz .

UNII-5 MIMO 2TX	HE20 6135MHz	Conducted PSD Ant 6 (6+7) (dBm/MHz)	Conducted PSD Ant 7 (6+7) (dBm/MHz)	Conducted PSD Ant 6+7 (dBm/MHz)	Antenna Gain Ant 6+7 (dBi)	EIRP PSD Ant 6+7 (dBm/MHz)
Low RSSI		-8.97	-9.49	-6.21	0.20	-13.24
High RSSI		-16.34	-16.57	-13.44		-13.24
Verdict [EIRP PSD < -11dBm/MHz]						Pass





3 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101550	10Hz~13.6GHz	Jan. 13,2025	Aug. 29,2025	Jan. 12,2026	DF02-HY
Power Divider	MTJ	SMA 2Way Power Divider	MD10003	0.5GHz-6GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
Power Divider	MTJ	SMA 2Way Power Divider	MD10007	0.5GHz-6GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
Power Divider	MTJ	SMA 2Way Power Divider	MD10011	0.5GHz-6GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
Power Divider	MTJ	SMA 2Way Power Divider	MD10016	0.5GHz-6GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
Software 1	Sporton	DFS & Adaptivity Tools	N/A	Ver 1.0	NCR	Aug. 29,2025	NCR	DF02-HY
RF Cable	MTJ	SBF405	30cm-01	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
RF Cable	MTJ	SBF405	30cm-09	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
RF Cable	EC	SS405	100cm-01	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
RF Cable	EC	SS405	100cm-03	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
RF Cable	EC	SS405	100cm-05	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
RF Cable	EC	SS405	100cm-10	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
RF Cable	EC	SS405	100cm-11	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
RF Cable	EC	SS405	150cm-#11	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY
RF Cable	EC	SS405	150cm-#15	30kHz~18GHz	Calibration from System	Aug. 29,2025	Calibration from System	DF02-HY