



FCC RADIO TEST REPORT

FCC ID : UZ7ET4010B
Equipment : Enterprise Tablet
Brand Name : ZEBRA
Model Name : ET4010B
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 Jun. 16, 2025 and testing was performed from Sep. 01, 2025 to Sep. 01, 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.)



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History of this test report

Report No.	Version	Description	Issue Date
FR550812B	01	Initial issue of report	Sep. 10, 2025



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
2.1	15.407(d)(10)	Transmit Power Control (TPC)	Pass	-

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.

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: Yuri Huang



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Enterprise Tablet
Brand Name	ZEBRA
Model Name	ET4010B
FCC ID	UZ7ET4010B
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
251345247E0030	Transmit Power Control (TPC)

pecification 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-000528
Type C-Audio Cable Type C to 3.5mm	Brand Name	Zebra	Part Number	ADP-USBC-35MM1-01
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.

2 Test Result

2.1 Transmit Power Control (TPC)

2.1.1 it 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.

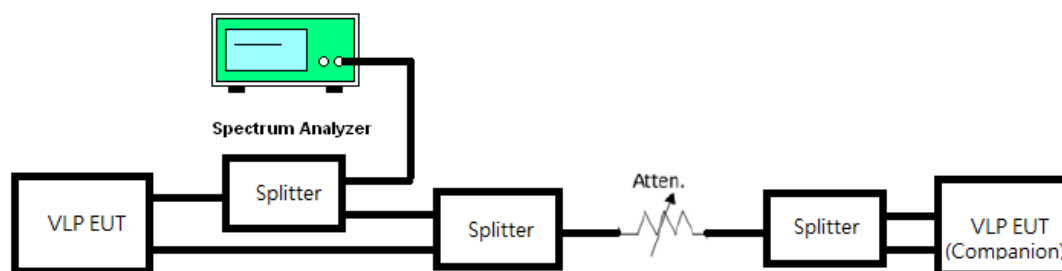
Method SA-2

(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

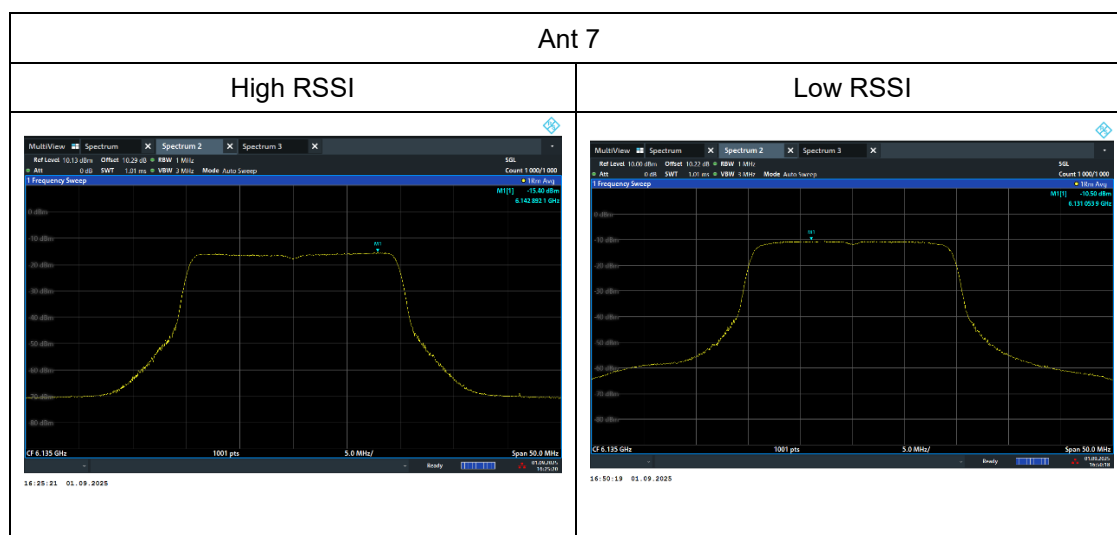
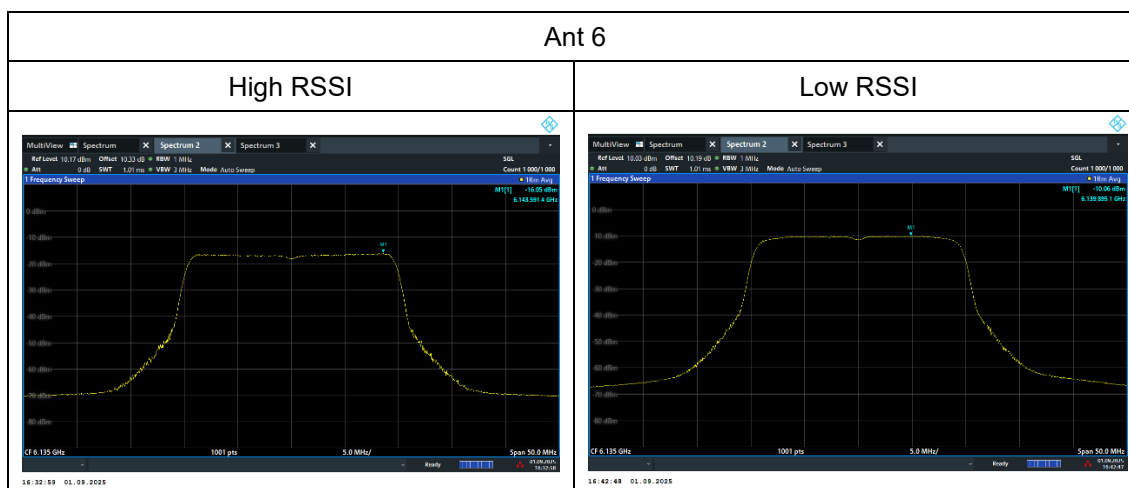


2.1.5 Test Result

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	-10.06	-10.5			-7.26
		High RSSI	-16.05	-15.4			-12.70
		Verdict [EIRP PSD < -11dBm/MHz]					1.01
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	Sep. 01,2025	Jan. 12,2026	TPC (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10003	0.5GHz-6GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10007	0.5GHz-6GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10011	0.5GHz-6GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10016	0.5GHz-6GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
Software 1	Sporton	DFS & Adaptivity Tools	N/A	Ver 1.0	NCR	Sep. 01,2025	NCR	TPC (DF02-HY)
RF Cable	MTJ	SBF405	30cm-01	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
RF Cable	MTJ	SBF405	30cm-09	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	100cm-01	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	100cm-03	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	100cm-05	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	100cm-10	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	100cm-11	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	150cm-#11	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	150cm-#15	30kHz~18GHz	Calibration from System	Sep. 01,2025	Calibration from System	TPC (DF02-HY)