

# **Test Report**

**Report No.:** MTi240711004-14E1

**Date of issue:** 2024-11-26

**Applicant:** Adam Elements International Co., LTD.

**Product name:** Qi2 3-in-1 Foldable Travel Charging Station

Model(s): Mag 360

FCC ID: 2ABY9MAG-360

Shenzhen Microtest Co., Ltd. http://www.mtitest.cn



Instructions

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- 2. The test results in this test report are only responsible for the samples submitted
- 3. This test report is invalid without the seal and signature of the laboratory.
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- 5. Any objection to this test report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

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Test result:

Pass

**Test Result Certification** Applicant: Adam Elements International Co., LTD. Address: 8F.-5, No. 148, Sec. 4, Zhongxiao E. Rd., Da'an Dist., Taipei City 106, Taiwan Shenzhen Smacat Electronic Technology Co.,Ltd Manufacturer: 301, Building 19, Kejutong Industrial Zone, He'ping Community, Fuyong Street, Address: Bao'an District, Shenzhen, China. Shenzhen Smacat Electronic Technology Co.,Ltd **Factory:** 301, Building 19, Kejutong Industrial Zone, He'ping Community, Fuyong Street, Address: Bao'an District, Shenzhen, China. **Product description** Product name: Qi2 3-in-1 Foldable Travel Charging Station MADAM Trademark: Model name: Mag 360 Series Model(s): N/A Standards: 47 CFR Part 15C Test Method: ANSI C63.10-2013 **Date of Test** Date of test: 2024-09-12 to 2024-10-10

Test Engineer	:	Yanice Xie
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Reviewed By	:	Dowid. Cel
		(David Lee)
Approved By		leon chen
		(Leon Chen)



# 1 General Description

## 1.1 Description of the EUT

Product name:	Qi2 3-in-1 Foldable Travel Charging Station
Model name:	Mag 360
Series Model(s):	N/A
Model difference:	N/A
Electrical rating:	Input:5V 3A,9V 3A,12V 3A,15V 3A Qi2 Wireless Output:5V/5W, 12V/15W Wireless Output:5V/5W, 9V/10W, 9V/15W Watch Output:5V/2.5W max
Accessories:	Cable: Type-C to TypeC 1.5m
Hardware version:	MPP: V03 EPP: V1.5 Watch: V04
Software version:	MPP: 1506-3D-1-MXF-Y306-MPP-V2 EPP:1020N-MXF-306 Watch: 0x7632E04D
Test sample(s) number:	MTi240711004-14S1001
RF specification	
Operating frequency range:	Coil 1: 115-205kHz&360kHz Coil 2: 115-205kHz Coil 3: 300-350kHz
Modulation type:	ASK
Antenna(s) type:	Coil

# 1.2 Description of test modes

No.	Emission test modes		
Mode1	Wireless output Coil1(5W)+Coil 2(5W)+Watch(2.5W)		
Mode2	Wireless output Coil1(5W)+Coil 2(10W)+ Watch(2.5W)		
Mode3	Wireless output Coil1(5W)+Coil 2(15W)+ Watch(2.5W)		
Mode4	Wireless output Coil1(EPP:15W)+Coil 2(5W)+Watch(2.5W)		
Mode5	Wireless output Coil1(EPP:15W)+Coil 2(10W)+Watch(2.5W)		
Mode6	Wireless output Coil1(EPP:15W)+Coil 2(15W)+Watch(2.5W)		
Mode7	Wireless output Coil1(MPP:15W)+Coil 2(5W)+Watch(2.5W)		
Mode8	Wireless output Coil1(MPP:15W)+Coil 2(10W)+Watch(2.5W)		
Mode9	Wireless output Coil1(MPP:15W)+Coil 2(15W)+Watch(2.5W)		
Mode10	Wireless output Coil1(5W)+Coil 2(5W)		
Mode11	Wireless output Coil1(5W)+Coil 2(10W)		
Mode12	Wireless output Coil1(5W)+Coil 2(15W)		
Mode13	Wireless output Coil1(EPP:15W)+Coil 2(5W)		
Mode14	Wireless output Coil1(EPP:15W)+Coil 2(10W)		



Mode15	Wireless output Coil1(EPP:15W)+Coil 2(15W)
Mode16	Wireless output Coil1(MPP:15W)+Coil 2(5W)
Mode17	Wireless output Coil1(MPP:15W)+Coil 2(10W)
Mode18	Wireless output Coil1(MPP:15W)+Coil 2(15W)
Mode19	Wireless output Coil 2(5W)+Watch(2.5W)
Mode20	Wireless output Coil 2(10W)+Watch(2.5W)
Mode21	Wireless output Coil 2(15W)+Watch(2.5W)
Mode22	Wireless output Coil1(5W)+Watch(2.5W)
Mode23	Wireless output Coil1(EPP:15W)+Watch(2.5W)
Mode24	Wireless output Coil1(MPP:15W)+Watch(2.5W)
Mode25	Wireless output Coil1(5W)
Mode26	Wireless output Coil1(15W)
Mode27	Wireless output Coil1(EPP:15W)
Mode28	Wireless output Coil1(MPP:15W)
Mode29	Wireless output Coil 2(5W)
Mode30	Wireless output Coil 2(10W)
Mode31	Wireless output Coil 2(15W)
Mode32	Wireless output Watch(2.5W)
Mode33	Stand by



#### 1.3 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C ~ 35°C
Humidity:	20% RH ~ 75% RH
Atmospheric pressure:	98 kPa ~ 101 kPa

#### 1.4 Description of support units

Support equipment list					
Description	Model	Serial No.	Manufacturer		
HUAWEI QUICK CHARGE(65W)	HW-200200ZP1	JN67LSN7N03451	HUAWEI		
wireless charging load	YB1.1	1	YBZ		
wireless charging load YBZ3.0		1	YBZ		
iWatch	iWatch iWatch SE		Apple		
Support cable list					
Description Length (m)		From	То		
1	/	1	1		

#### 1.5 Measurement uncertainty

Measurement	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	±3.1dB
Occupied channel bandwidth	±3 %
Radiated spurious emissions (9kHz~30MHz)	±4.3dB
Radiated spurious emissions (30MHz~1GHz)	±4.7dB
Temperature	±1 °C
Humidity	± 5 %

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



# 2 Summary of Test Result

No.	Item	Standard	Requirement	Result
1	Antenna requirement	47 CFR Part 15C	47 CFR Part 15.203	Pass
2	Conducted Emission at AC power line	47 CFR Part 15C	47 CFR Part 15.207(a)	Pass
3	20dB Occupied Bandwidth	47 CFR Part 15C	47 CFR Part 15.215(c)	Pass
4	Emissions in frequency bands (below 30MHz)	47 CFR Part 15C	47 CFR Part 15.209	Pass
5	Emissions in frequency bands (30MHz - 1GHz)	47 CFR Part 15C	47 CFR Part 15.209	Pass



## 3 Test Facilities and accreditations

## 3.1 Test laboratory

Test laboratory:	Shenzhen Microtest Co., Ltd.			
Test site location:	101, No.7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China			
Telephone:	(86-755)88850135			
Fax:	(86-755)88850136			
CNAS Registration No.:	CNAS L5868			
FCC Registration No.:	448573			
IC Registration No.:	21760			
CABID:	CN0093			



# 4 List of test equipment

No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due	
	Conducted Emission at AC power line						
1	EMI Test Receiver	Rohde&schwarz	ESCI3	101368	2024-03-20	2025-03-19	
2	Artificial mains network	Schwarzbeck	NSLK 8127	183	2024-03-21	2025-03-20	
3	Artificial Mains Network	Rohde & Schwarz	ESH2-Z5	100263	2024-03-20	2025-03-19	
		20dB Od	cupied Bandwid	th			
1	Wideband Radio Communication Tester	Rohde&schwarz	CMW500	149155	2024-03-20	2025-03-19	
2	ESG Series Analog Ssignal Generator	Agilent	E4421B	GB40051240	2024-03-21	2025-03-20	
3	PXA Signal Analyzer	Agilent	N9030A	MY51350296	2024-03-21	2025-03-20	
4	Synthesized Sweeper	Agilent	83752A	3610A01957	2024-03-21	2025-03-20	
5	MXA Signal Analyzer	Agilent	N9020A	MY50143483	2024-03-21	2025-03-20	
6	RF Control Unit	Tonscend	JS0806-1	19D8060152	2024-03-21	2025-03-20	
7	Band Reject Filter Group	Tonscend	JS0806-F	19D8060160	2024-03-21	2025-03-20	
8	ESG Vector Signal Generator	Agilent	N5182A	MY50143762	2024-03-20	2025-03-19	
9	DC Power Supply	Agilent	E3632A	MY40027695	2024-03-21	2025-03-20	
		Emissions in frequ	ency bands (bel	ow 30MHz)			
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2024-03-20	2025-03-19	
2	Active Loop Antenna	Schwarzbeck	FMZB 1519 B	00066	2024-03-23	2025-03-22	
3	Amplifier	Hewlett-Packard	8447F	3113A06184	2024-03-20	2025-03-19	
	Emissions in frequency bands (30MHz - 1GHz)						
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2024-03-20	2025-03-19	
2	TRILOG Broadband Antenna	schwarabeck	VULB 9163	9163-1338	2023-06-11	2025-06-10	
3	Active Loop Antenna	Schwarzbeck	FMZB 1519 B	00066	2024-03-23	2025-03-22	
4	Amplifier	Hewlett-Packard	8447F	3113A06184	2024-03-20	2025-03-19	



# 5 Evaluation Results (Evaluation)

#### 5.1 Antenna requirement

Test Requirement:	Refer to 47 CFR Part 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.
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#### 5.1.1 Conclusion:

The antenna of the EUT is permanently attached.
The EUT complies with the requirement of FCC PART 15.203.



# 6 Radio Spectrum Matter Test Results (RF)

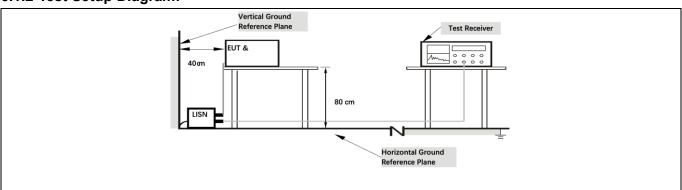
## 6.1 Conducted Emission at AC power line

Test Requirement:	Except as shown in paragraphs (b)and (c)of this section, 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 µH/50 ohms line impedance stabilization network (LISN).							
Test Limit:	Frequency of emission (MHz)	Conducted limit (dBµV	<u>'</u> )					
		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.						
Test Method:	Method: ANSI C63.10-2013 section 6.2							
Procedure:	Refer to ANSI C63.10-2013 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices							

#### 6.1.1 E.U.T. Operation:

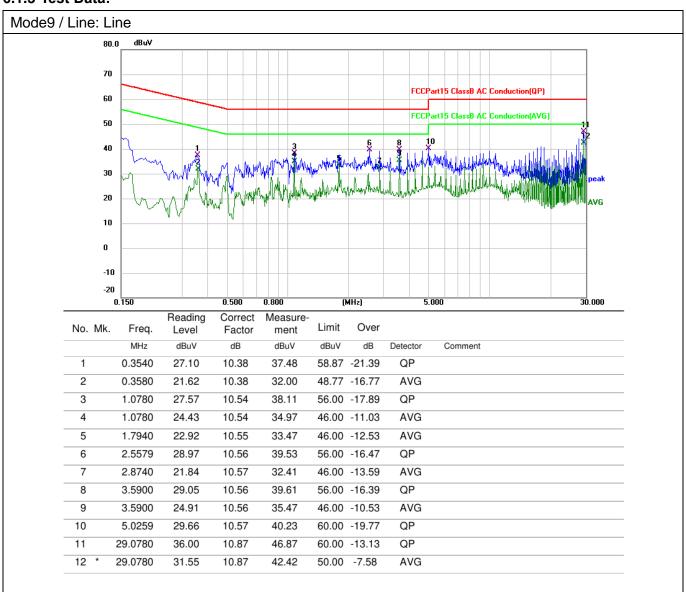
Operating Environment:								
Temperature:	erature: 22.1 °C		Humidity:	55.5 %	Atmospheric Pressure:	101 kPa		
Pre test mode:  Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode1 Mode18, Mode19, Mode20, Mode21, Mode22, Mode23, Mode24, Mode2 Mode26, Mode27, Mode28, Mode29, Mode30, Mode31, Mode32, Mode3								
Final test mode:  All of the listed pre-test mode were tested, only the data of the worst mode (Mode9) is recorded in the report						of the worst mode		

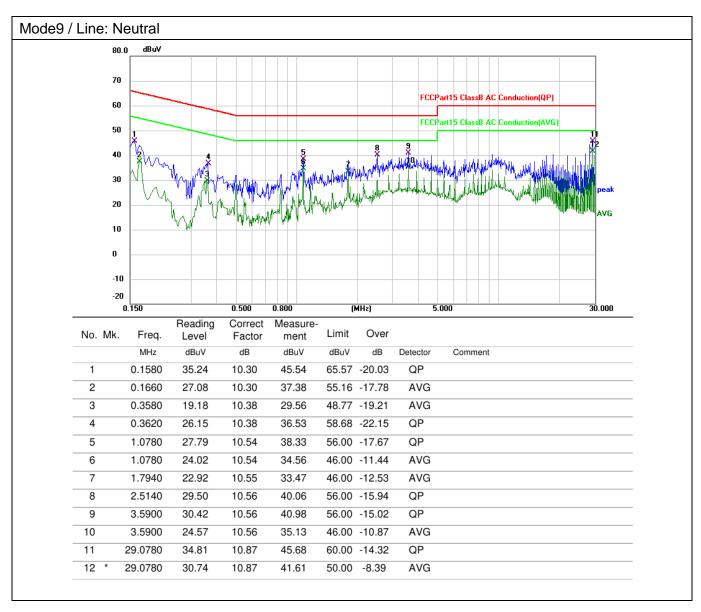
#### 6.1.2 Test Setup Diagram:





#### 6.1.3 Test Data:







## 6.2 20dB Occupied Bandwidth

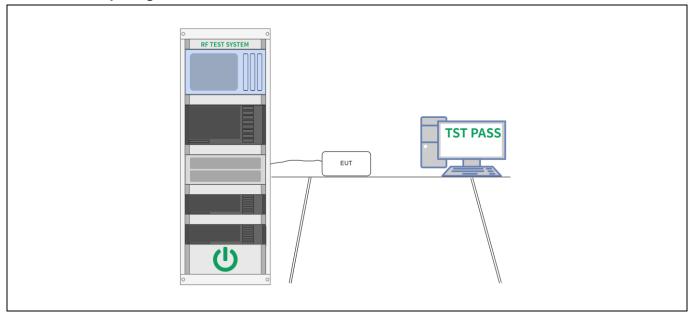
otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.  ANSI C63.10-2013, section 6.9.2  Procedure:  a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Steps a) through c) might require iteration to adjust within the specified tolerances. e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target "-xx dB down" requirement; that is, if the requirement calls for measuring the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value. f) Set detection mode to peak and trace mode to max hold. g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value). h) Determine the "-xx dB down amplitude" using [(reference value) - xx]. Alternatively, this calculation may be made by using the marker-delta function of the instrument. i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwis	•	Refer to 47 CFR 15.215(c), intentional radiators operating under the
a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Steps a) through c) might require iteration to adjust within the specified tolerances. e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target "-xx dB down" requirement; that is, if the requirement calls for measuring the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value. f) Set detection mode to peak and trace mode to max hold. g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value). h) Determine the "-xx dB down amplitude" using [(reference value) - xx]. Alternatively, this calculation may be made by using the marker-delta function of the instrument. i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j). j) Place two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-xx dB do		15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule
center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW.  b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Steps a) through c) might require iteration to adjust within the specified tolerances. e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target "-xx dB down" requirement; that is, if the requirement calls for measuring the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value. f) Set detection mode to peak and trace mode to max hold. g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value). h) Determine the "-xx dB down amplitude" using [(reference value) - xx]. Alternatively, this calculation may be made by using the marker-delta function of the instrument. i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j). j) Place two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-xx dB down amplitude" value, then it shall be as close as possible to this value. T	Test Method:	ANSI C63.10-2013, section 6.9.2
shall be clearly labeled. Tabular data may be reported in addition to the	Procedure:	a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Steps a) through c) might require iteration to adjust within the specified tolerances. e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target "-xx dB down" requirement; that is, if the requirement calls for measuring the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value. f) Set detection mode to peak and trace mode to max hold. g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value). h) Determine the "-xx dB down amplitude" using [(reference value) - xx]. Alternatively, this calculation may be made by using the marker-delta function of the instrument. i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j). j) Place two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-xx dB do



## 6.2.1 E.U.T. Operation:

Operating Environment:								
Temperature:	25.3 °C		Humidity:	45.1 %	Atmospheric Pressure:	100 kPa		
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9  Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode9							
Final test mode			re-test mode vecorded in the	vere tested, only the data report	of the worst mode			

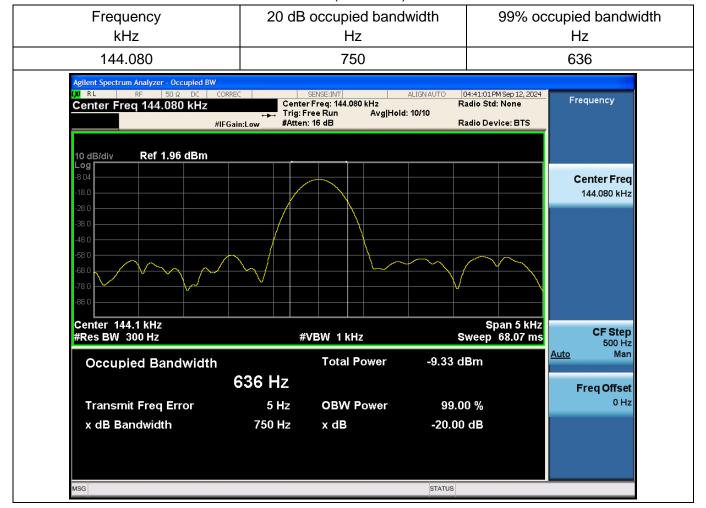
#### 6.2.2 Test Setup Diagram:



#### 6.2.3 Test Data:

**Note:** Because the measured signal is CW-like, adjusting the RBW per C63.10 would not be practical since measurement bandwidth will always follow the RBW. The RBW is set to 300 Hz to perform the occupied bandwidth test.

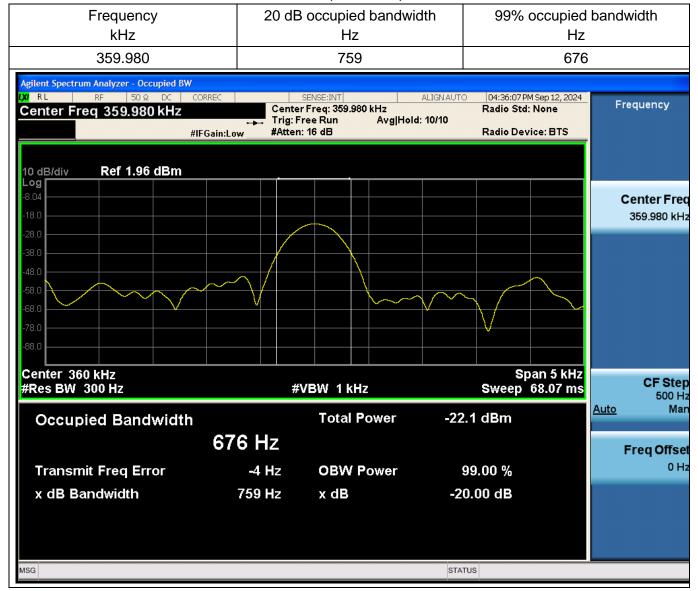
Coil 1(EPP:15W):





**Note:** Because the measured signal is CW-like, adjusting the RBW per C63.10 would not be practical since measurement bandwidth will always follow the RBW. The RBW is set to 300 Hz to perform the occupied bandwidth test.

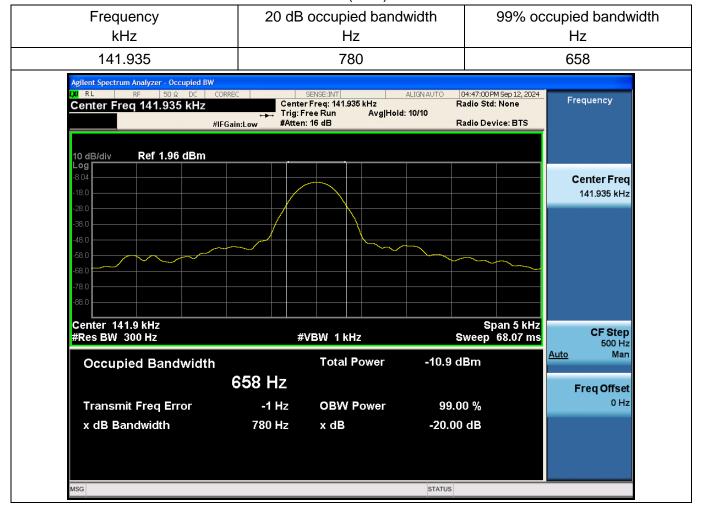
#### Coil 1(MPP:15W):





**Note:** Because the measured signal is CW-like, adjusting the RBW per C63.10 would not be practical since measurement bandwidth will always follow the RBW. The RBW is set to 300 Hz to perform the occupied bandwidth test.

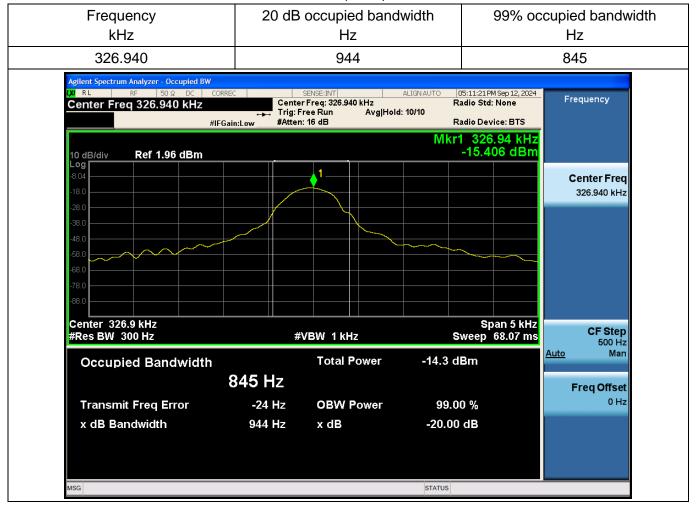
#### Coil 2(15W):





**Note:** Because the measured signal is CW-like, adjusting the RBW per C63.10 would not be practical since measurement bandwidth will always follow the RBW. The RBW is set to 300 Hz to perform the occupied bandwidth test.

#### Coil 3(2.5W):





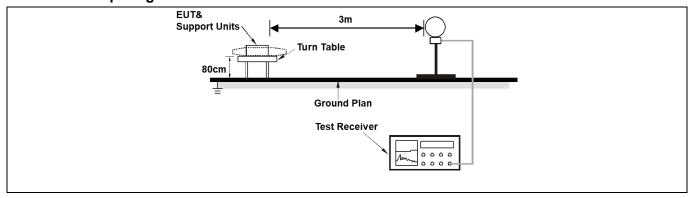
## 6.3 Emissions in frequency bands (below 30MHz)

Test Requirement:	47 CFR Part 15.209							
Test Limit:	Frequency (MHz)	Field strength	Measuremen					
		(microvolts/meter)	t distance					
	0.000.0.400	0.400/5/111	(meters)					
	0.009-0.490	2400/F(kHz)	300					
	0.490-1.705 1.705-30.0	24000/F(kHz) 30	30					
		100 **						
	30-88 88-216	150 **	3 3					
	216-960	200 **	3					
	Above 960	500	3					
		n paragraph (g), fundamenta						
	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. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–8 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a)and (b)of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB und any condition of modulation. For point-to-point operation under paragraph (b)of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.							
Test Method:	ANSI C63.10-2013 sec	tion 6.4						
Procedure:	ANSI C63.10-2013 sec	tion 6.4						

## 6.3.1 E.U.T. Operation:

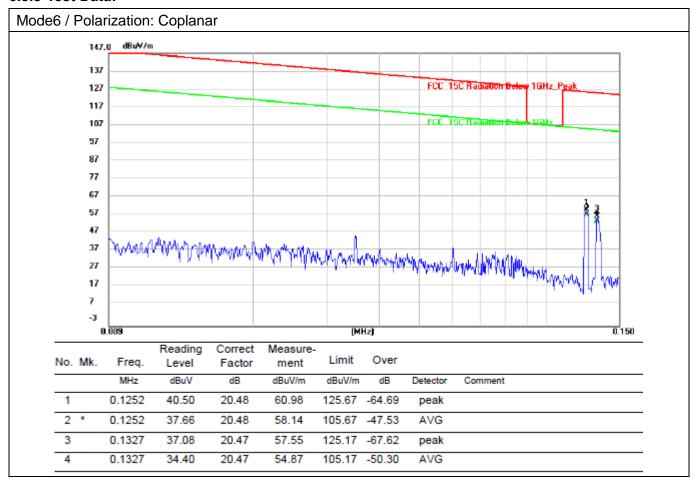
Operating Environment:								
Temperature:	22.5 °C		Humidity:	43 %	Atmospheric Pressure:	101 kPa		
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9,							
Final test mode:  All of the listed pre-test mode were tested, only the data of the worst mo (Mode6, Mode9) is recorded in the report						of the worst mode		

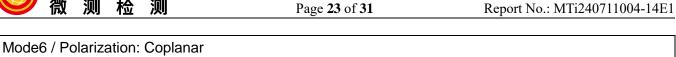
#### 6.3.2 Test Setup Diagram:

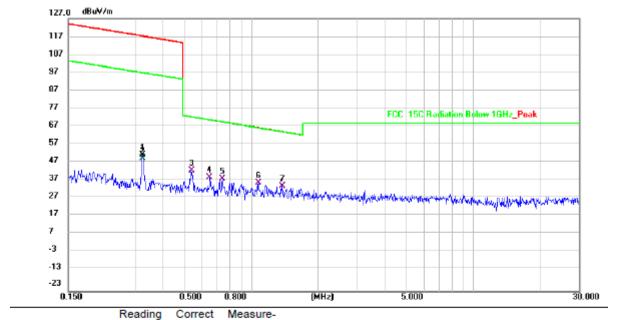




#### 6.3.3 Test Data:

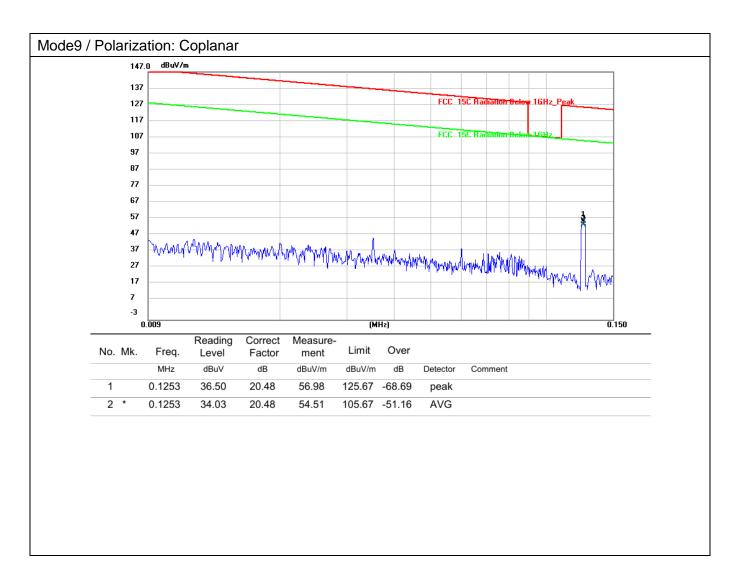


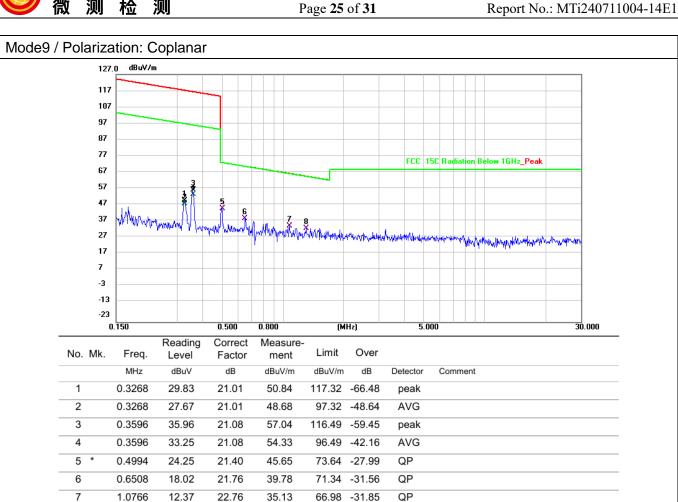




No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.3251	31.31	21.01	52.32	117.37	-65.05	peak	
2	0.3251	29.15	21.01	50.16	97.37	-47.21	AVG	
3 *	0.5376	21.93	21.50	43.43	73.00	-29.57	QP	
4	0.6508	18.02	21.76	39.78	71.34	-31.56	QP	
5	0.7429	17.10	21.98	39.08	70.20	-31.12	QP	
6	1.0766	13.87	22.76	36.63	66.98	-30.35	QP	
7	1.3735	11.53	23.36	34.89	64.87	-29.98	QP	

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65.33 -31.41

QP

33.92

1.3029

8

10.70

23.22



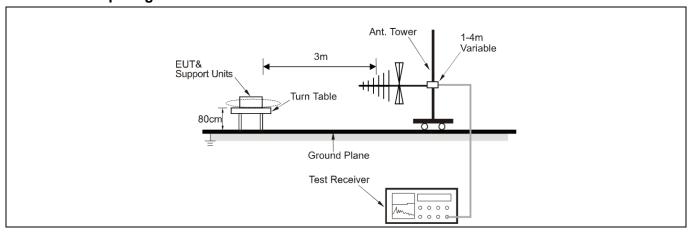
## 6.4 Emissions in frequency bands (30MHz - 1GHz)

Test Requirement:	47 CFR Part 15.209						
Test Limit:	Frequency (MHz)	Field strength	Measuremen				
		(microvolts/meter)	t distance				
	0.009-0.490	2400/F(kHz)	(meters)				
	0.490-1.705	2400/F(kHz)	300				
	1.705-30.0	30	30				
	30-88	100 **	3				
	88-216	150 **	3				
	216-960	200 **	3				
	Above 960	500	3				
	** Except as provided in paragraph (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.  In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a)and (b)of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB undany condition of modulation. For point-to-point operation under paragraph (b)of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.						
Test Method:	ANSI C63.10-2013 sec	tion 6.5					
Procedure:	ANSI C63.10-2013 sec	tion 6.5					

## 6.4.1 E.U.T. Operation:

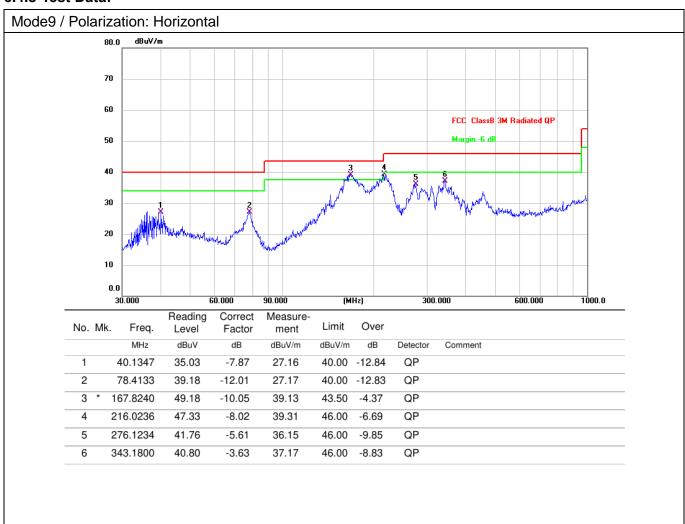
Operating Environment:								
Temperature:	22.5 °C		Humidity:	43 %	Atmospheric Pressure:	101 kPa		
Pre test mode:	Pre test mode:  Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18, Mode19, Mode20, Mode21, Mode22, Mode23, Mode24, Mode26, Mode26, Mode27, Mode28, Mode29, Mode30, Mode31, Mode32, Mode3							
Final test mode:  All of the listed pre-test mode were tested, only the data of the worst mode (Mode9) is recorded in the report						of the worst mode		

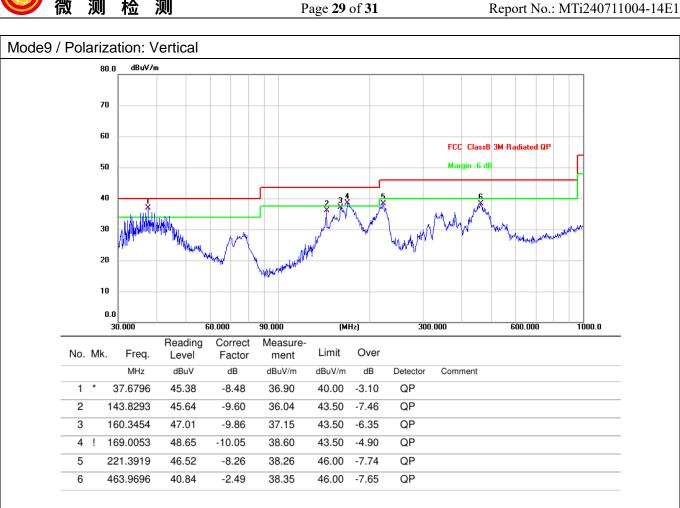
#### 6.4.2 Test Setup Diagram:





#### 6.4.3 Test Data:







# Photographs of the test setup

Refer to Appendix - Test Setup Photos



# Photographs of the EUT

Refer to Appendix - EUT Photos

----End of Report----