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Report No.: MTi250301001-0102E1

Applicant RADIOSHACK WORLDWIDE CORP.				
Applicant Address		n Tower, 18th floor Paseo Gener San Salvador El Salvador	al Escalon Number 3675 Col.	
Manufacturer	RADIOSH	ACK WORLDWIDE CORP.		
Manufacturer Address		n Tower, 18th floor Paseo Gener San Salvador El Salvador	al Escalon Number 3675 Col.	
Product descriptio	'n		(B) MC.	
Product name	3 in 1 Mag	I Magnetic Wireless Charger		
Trademark	Radioshad	k		
Model name	2733364	otest		
Series Model(s)	N/A	MICIE		
Standards	47 CFR Pa	art 15C		
Test Method	ANSI C63.10-2013			
Festing Informatio	n		@Micro	
Date of test	2025-03-2	5 to 2025-04-01		
Test result	Pass	54		
Prepared by:		Letter Lan	Letter. Jan.	
Reviewed by:		David Lee	Dowid. Lee Lewis lion	
Approved I	oy:	Lewis Lian	Lewis Lion	

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General Description 1

1.1 Description of the	EUT	
Product name:	3 in 1 Magnetic Wireless Charger	
Model name:	2733364	
Series Model(s):	N/A	
Model difference:	N/A	
Electrical rating:	Input: 5VDC 3A 9VDC 2-3A Output: 5W, 7.5W, 10W, 15W	otes
Accessories:	Watch Charger Model: 2733364 FCC ID: 2BDUR-2733364-1	(CONNIC)
Hardware version:	V1.0	
Software version:	V1.0	
Test sample(s) number:	MTi250301001-01-R001	
RF specification	- St	
Operating frequency range:	Transmitter1(Phone): 115-205kHz Transmitter2(Earphone): 115-205kHz	
Modulation type:	ASK	
Antenna(s) type:	Coil	
1.2 Description of test	modes	rest

Description of test modes 1.2

	No.	Emission test modes
	Mode1	Wireless Output (Phone(5W) + Earphone(5W))
	Mode2	Wireless Output (Phone(7.5W) + Earphone(5W))
Ń	Mode3	Wireless Output (Phone(10W) + Earphone(5W))
5	Mode4	Wireless Output (Phone(15W) + Earphone(5W))
Ÿ	Mode5	Wireless Output (Phone(5W)
	Mode6	Wireless Output (Phone(7.5W)
	Mode7	Wireless Output (Phone(10W)
	Mode8	Wireless Output (Phone(15W)
	Mode9	Wireless Output (Earphone(5W)
	Mode10	Stand by

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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

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support equipment	list		id ^{ole}
Description	Model	Serial No.	Manufacturer
Lenovo USB-C adapter	C65B	1SGX21B35621Z13F1D4W	Lenovo
wireless charging load	YBZ1.1	/	YBZ
Air Pods	MQD83CH/A	- est 1	Apple
Support cable list		ici ^{ote}	
Description	Length (m)	From	То
/		1	/
1.5 Measurement u	ncertainty		rest
Measurement		Uncertainty	. dout

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.

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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

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3 Test Facilities and accreditations

3.1 Test laboratory

Shenzhen Microtest Co., Ltd.
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(86-755)88850135
(86-755)88850136
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4 List of test equipment

			Γ	1		
No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
. 6	roter	Conducted Emiss	ion at AC power	line		
1	EMI Test Receiver	Rohde&schwarz	ESCI3	101368	2025-03- 13	2026-03 12
2	Artificial mains network	Schwarzbeck	NSLK 8127	183	2025-03- 18	2026-03 17
3	Artificial Mains Network	Rohde & Schwarz	ESH2-Z5	100263	2025-03- 18	2026-03 17
		20dB Occup	ied Bandwidth		2.(
1	Wideband Radio Communication Tester	Rohde&schwarz	CMW500	149155	2025-03- 18	2026-03 17
2	ESG Series Analog Ssignal Generator	Agilent	E4421B	GB400512 40	2025-03- 14	2026-03 13
3	PXA Signal Analyzer	Agilent	N9030A	MY513502 96	2025-03- 14	2026-03 13
4	Synthesized Sweeper	Agilent	83752A	3610A019 57	2025-03- 18	2026-03 17
5	MXA Signal Analyzer	Agilent	N9020A	MY501434 83	2025-03- 18	2026-03 17
6	RF Control Unit	Tonscend	JS0806-1	19D80601 52	2025-03- 18	2026-03 17
7	Band Reject Filter Group	Tonscend	JS0806-F	19D80601 60	2025-03- 18	2026-03 17
8	ESG Vector Signal Generator	Agilent	N5182A	MY501437 62	2025-03- 14	2026-03 13
9	DC Power Supply	Agilent	E3632A	MY400276 95	2025-03- 18	2026-03 17
	En En	nissions in frequenc	y bands (below	30MHz)	Jer.	
10	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2025-03- 14	2026-03 13
2	Active Loop Antenna	Schwarzbeck	FMZB 1519 B	00066	2024-03- 23	2026-03 22
3	Amplifier	Hewlett-Packard	8447F	3113A0618 4	2025-03- 18	2026-03 17
	Em	issions in frequency	y bands (30MHz	- 1GHz)		
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2025-03- 14	2026-03 13
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	2026-03 22
4	Amplifier	Hewlett-Packard	8447F	3113A0618 4	2025-03- 18	2026-03 17

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Evaluation Results (Evaluation) 5

5.1 Antenna requirement

this section.	Test Requirement: to ensure that party shall be antenna or of radiator shall	FR Part 15.203, an intentional radiator shall be designed t no antenna other than that furnished by the responsible used with the device. The use of a permanently attached an antenna that uses a unique coupling to the intentional be considered sufficient to comply with the provisions of
---------------	--	---

5.1.1 Conclusion:

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

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6 Radio Spectrum Matter Test Results (RF)

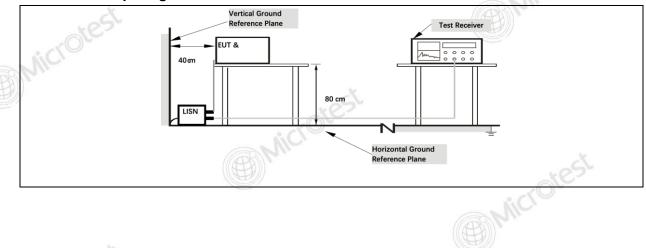
6.1 Conducted Emission at AC power line

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 μ H/50 ohms line impedance stabilization network (LISN).				
Test Limit:	Frequency of emission (MHz)	Conducted limit (dBµV)			
		Quasi-peak	Average		
	0.15-0.5	66 to 56*	56 to 46*		
	0.5-5	56	46		
	5-30	60	50		
j.	*Decreases with the logarithm of the frequency.				
Test Method:	ANSI C63.10-2013 section 6.2				
Procedure:	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:

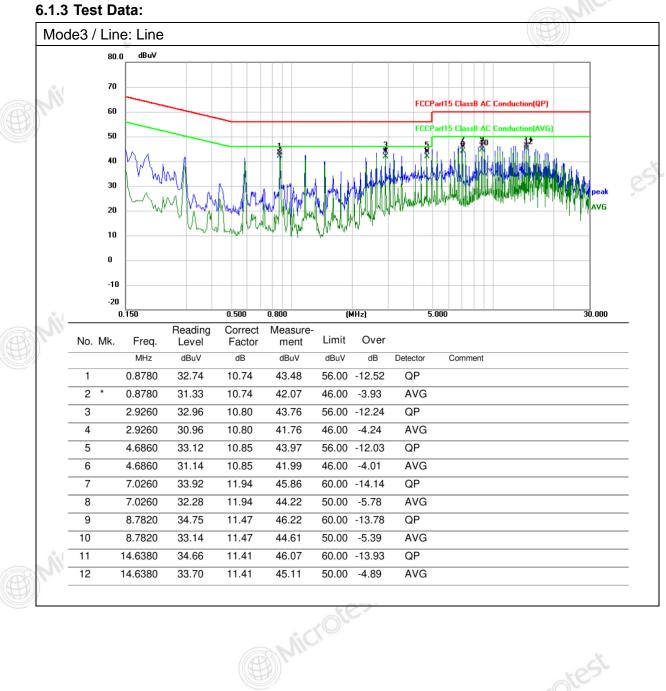
Temperature: 25.9 °C Humidity: 44 % Atmospheric Pressure: 101 kPa Pre test mode: Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10 Final test mode: All of the listed pre-test mode were tested, only the data of the worst mode (Mode2) is recorded in the report	Operating Environment:						
Pre test mode: Mode9, Mode10 Final test mode: All of the listed pre-test mode were tested, only the data of the worst	Temperature: 25.9 °	°C Humidity: 44 % Atmospheric Pressure: 101 kPa					
	t						

6.1.2 Test Setup Diagram:





TEST REPORT



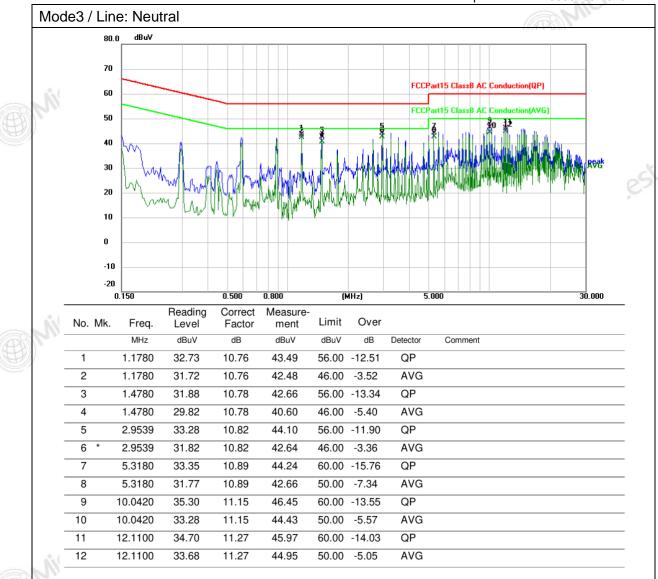
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20dB Occupied Bandwidth 6.2 Test Requirement: 47 CFR Part 15.215(c) Test Limit: Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and 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 section under which the equipment is operated. ANSI C63.10-2013, section 6.9.2 Test Method: 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. Microtes 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 aiven 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 Microtes 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 markerdelta 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). Microles 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" determined in step h). If a marker is below this "-xx dB down amplitude" value, then it shall be as close as possible to this value. The occupied bandwidth is the frequency difference between the two markers. Alternatively, set a marker at the lowest frequency of the envelope of the spectral display, such that the marker is at or slightly below the "-xx dB down amplitude" determined in step h). Reset the



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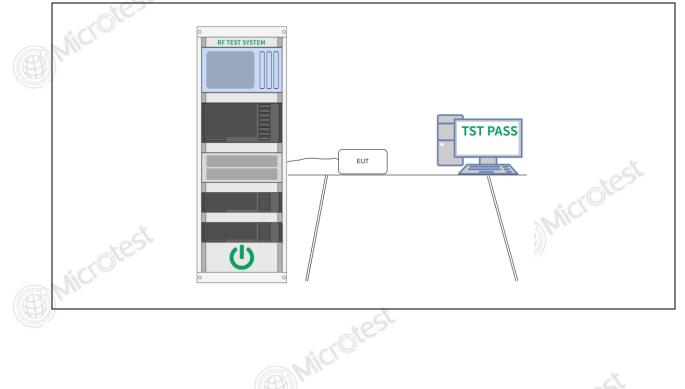
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marker-delta function and move the marker to the other side of the emission until the delta marker amplitude is at the same level as the reference marker amplitude. The marker-delta frequency reading at this point is the specified emission bandwidth. k) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

6.2.1 E.U.T. Operation:

Operating Environment:						
Temperature:	Temperature: 19.3 °C Humidity: 42.8 % Atmospheric Pressure: 98 kPa					
Pre test mode:	Pre test mode: Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8					
Final test mode:All of the listed pre-test mode were tested, only the data of the worst mode (Mode6, Mode7) is recorded in the report						

6.2.2 Test Setup Diagram:



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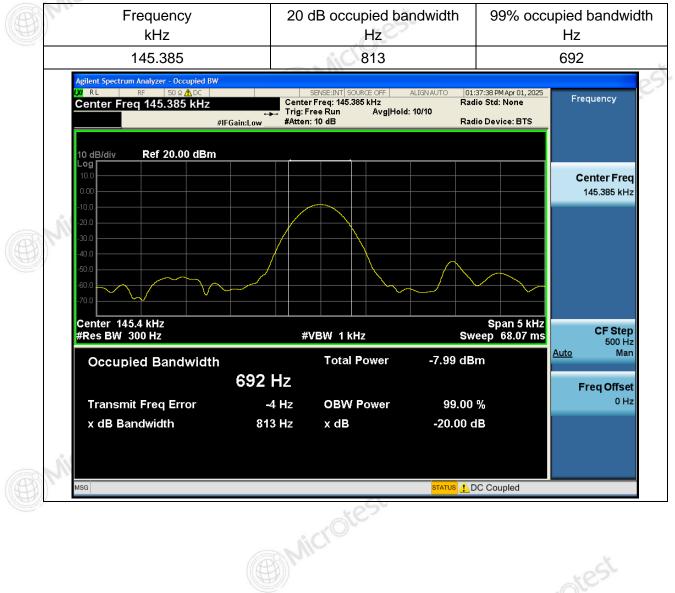




6.2.3 Test Data:

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.









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.

Earpho	one:						
APRINICI	Frequency kHz	20	20 dB occupied bandwidth Hz			99% occupied bandwidth Hz	
E)	146.685		810			689	
LXI RL	ter Freq 146.685 kHz	Cente	SENSE:INT SOURCE OFF r Freq: 146.685 kHz ree Run Avg Hol n: 10 dB	Radi d: 10/10	18:38 PM Apr 01, 2025 o Std: None o Device: BTS	Frequency	
Log 10.0 -10.0	B/div Ref 20.00 dBm					Center Freq 146.685 kHz	
-20.0 -30.0 -40.0 -50.0 -60.0 -70.0							
	ter 146.7 kHz s BW 300 Hz	#	VBW 1 kHz	Swe	Span 5 kHz eep 68.07 ms	CF Step 500 Hz	
0	ccupied Bandwidth	689 Hz	Total Power	-12.5 dBr	n	Auto Man Freq Offset	
Tr	ransmit Freq Error	11 Hz	OBW Power	99.00	%	0 Hz	
x	dB Bandwidth	810 Hz	x dB	-20.00 d	В		
MSG				status 🕂 Di	C Coupled		
			test				
		(M	crotest				
		(AFR)				otes	

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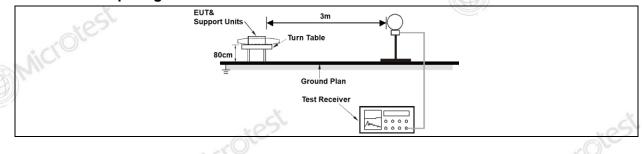
6.3 Emissions in frequency bands (below 30MHz)

Test Requirement:	47 CFR Part 15.209		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measuremer t distance (meters)
MIC	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
Microtest	permitted under other see In the emission table abore The emission limits show measurements employin frequency bands 9–90 k Radiated emission limits measurements employin As shown in § 15.35(b), strength limits in paragra average limits. However not exceed the maximum more than 20 dB under a operation under paragra shall not exceed 2500 m	ove, the tighter limit ap ove, the tighter limit ap over a cISPR quasi-peak Hz, 110–490 kHz and a in these three bands a ig an average detector. for frequencies above aphs (a)and (b)of this s the peak field strength in permitted average line any condition of modula ph (b)of this section, th	plies at the band edges re based on detector except for the above 1000 MHz. are based on 1000 MHz, the field ection are based on of any emission shall hits specified above by ation. For point-to-point in peak field strength
	azimuth.		
Test Method:	ANSI C63.10-2013 secti	on 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, Mode10						
Final test mode	<u>.</u>	ll of the listed p ode (Mode3) is		e were tested, only the dat the report	a of the worst	

6.3.2 Test Setup Diagram:

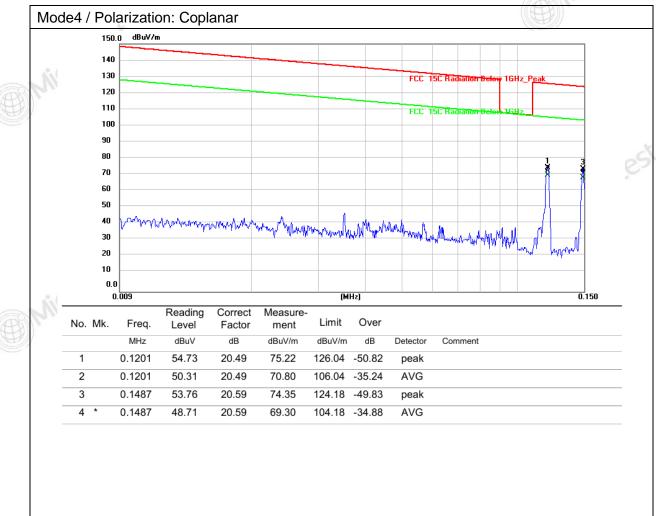


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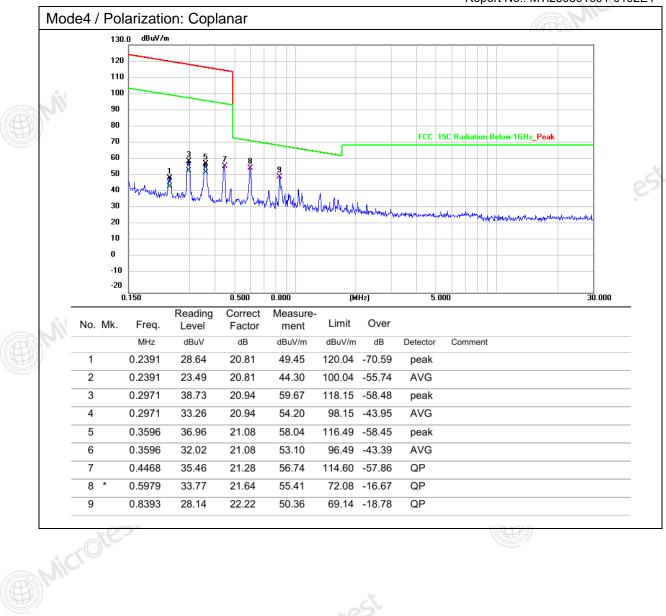
6.3.3 Test Data:



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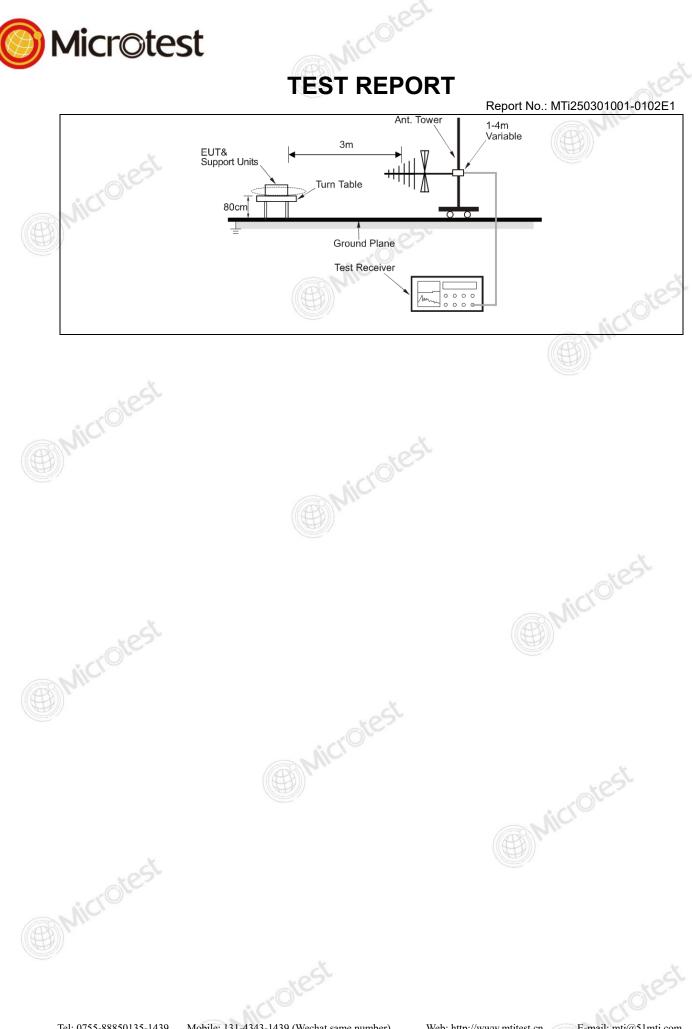


6.4 Emissions in frequency bands (30MHz - 1GHz)

Test Requirement:	47 CFR Part 15.209		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measuremer t distance (meters)
MC	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
Microtest	frequency bands 9-90 k		e 1000 MHz. ased on
otest	strength limits in paragra average limits. However not exceed the maximur more than 20 dB under operation under paragra shall not exceed 2500 m azimuth.	aphs (a) and (b) of this section , the peak field strength of a m permitted average limits s any condition of modulation aph (b) of this section, the pe hillivolts/meter at 3 meters a	n are based on any emission shall specified above by . For point-to-point eak field strength
Test Method:	strength limits in paragra average limits. However not exceed the maximur more than 20 dB under operation under paragra shall not exceed 2500 m	aphs (a) and (b) of this section , the peak field strength of a m permitted average limits s any condition of modulation aph (b) of this section, the pe hillivolts/meter at 3 meters a	n are based on any emission shall specified above by . For point-to-point eak field strength

Operating Environment:						
Temperature:	22.5 °	Ő	Humidity:	43 %	Atmospheric Pressure:	101 kPa
Pre test mode: Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10						7, Mode8,
Final test mode: All of the listed pre-test mode were tested, only the data of the worst mode (Mode3) is recorded in the report						a of the worst
					(DA	

6.4.2 Test Setup Diagram:



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 Q/MTI-QP-12-FE038
 Ver./Rev.: A1



Mic



Report No.: MTi250301001-0102E1

6.4.3 Test Data: Mode4 / Polarization: Horizontal dBuV/m 80.0 70 60 FCC ClassB 3M Radiated QP Margin -6 dB 50 40 30 6 5 20 10 0.0 30.000 (MHz) 300.000 60.000 90.000 600.000 1000.0 Reading Correct Measure-Limit Over No. Mk. Freq. Level Factor ment MHz dBuV dB dBuV/m dBuV/m dB Detector Comment 1 45.0583 29.71 -6.72 22.99 40.00 -17.01 QP 2 106.3850 33.71 -7.01 26.70 43.50 -16.80 QP -9.88 QP 3 151.5972 40.95 31.07 43.50 -12.43 4 237.4760 31.98 -6.62 25.36 46.00 -20.64 QP 5 323.3204 29.27 -4.39 24.88 46.00 -21.12 QP 6 625.0780 26.74 0.66 27.40 46.00 -18.60 QP



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Microtest

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Photographs of the test setup

Refer to Appendix - Test Setup Photos











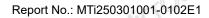


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Microtest



Photographs of the EUT

Refer to Appendix - EUT Photos













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Statement

- This report is invalid without the seal and signature of the laboratory. 1.
- 2. The test results of this report are only responsible for the samples submitted. Client shall be responsible for representativeness of the sample and authenticity of the material.
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**** END OF REPORT *****

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