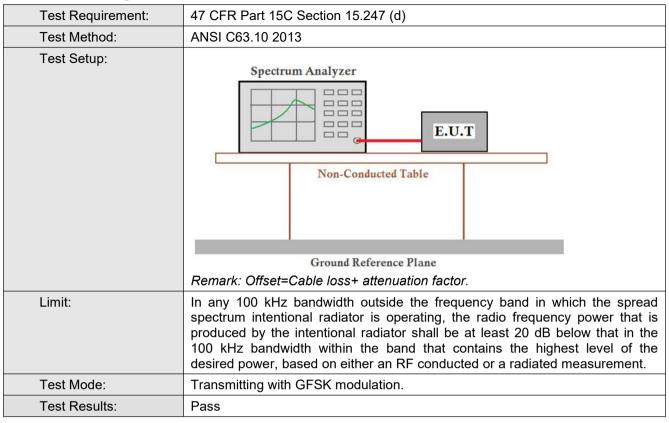


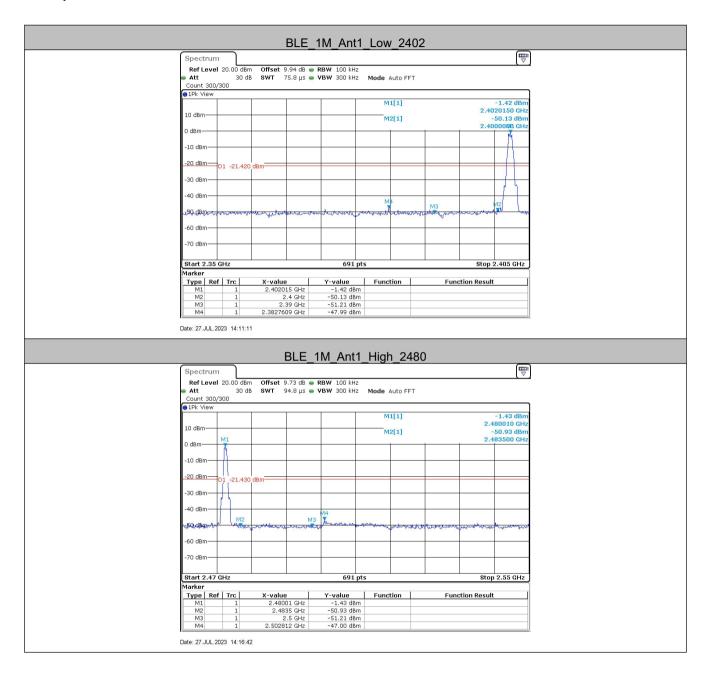
5.6 Band-edge for RF Conducted Emissions



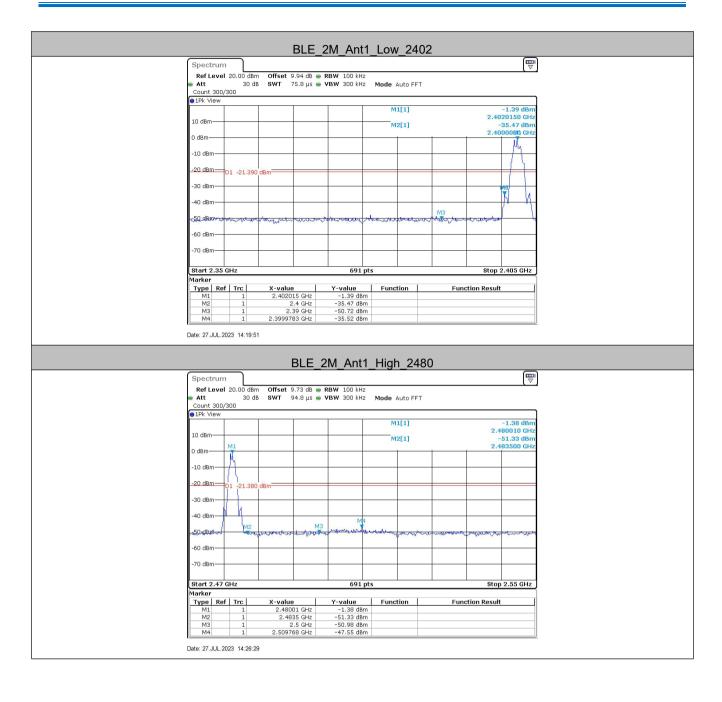
TestMode	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
	Low	2402	-1.42	-47.99	≤-21.42	PASS
BLE_1M	High	2480	-1.43	-47	≤-21.43	PASS
	Low	2402	-1.39	-35.52	≤-21.39	PASS
BLE_2M	High	2480	-1.38	-47.55	≤-21.38	PASS



Test plot as follows:

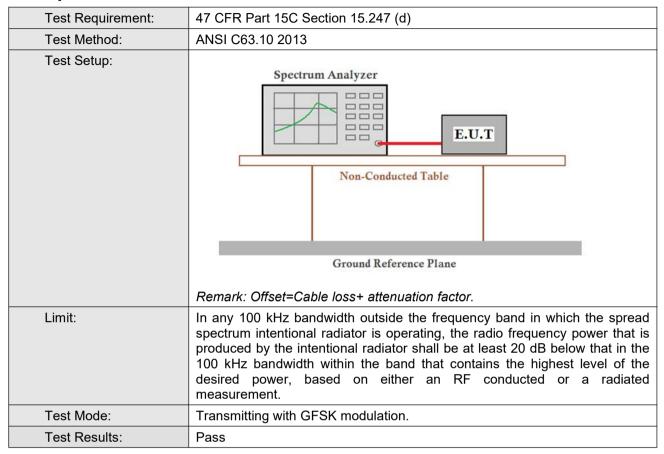






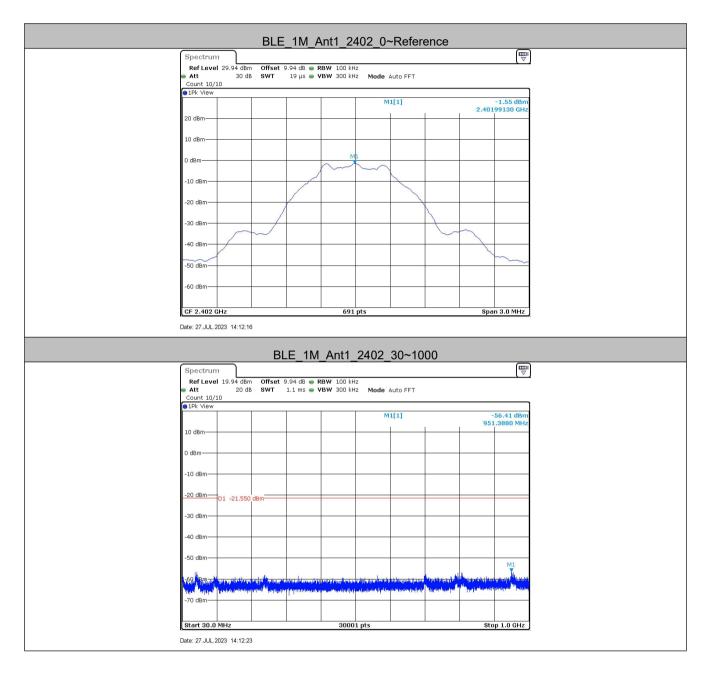


5.7 Spurious RF Conducted Emissions

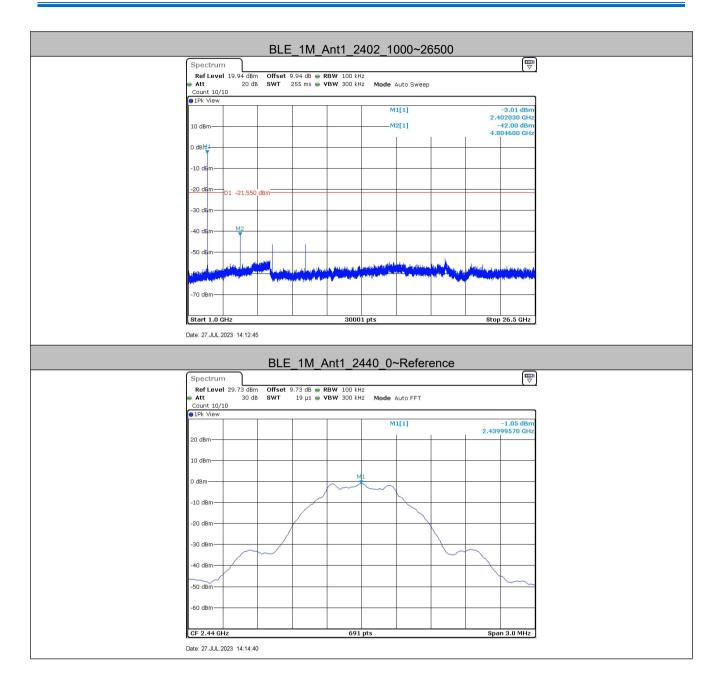




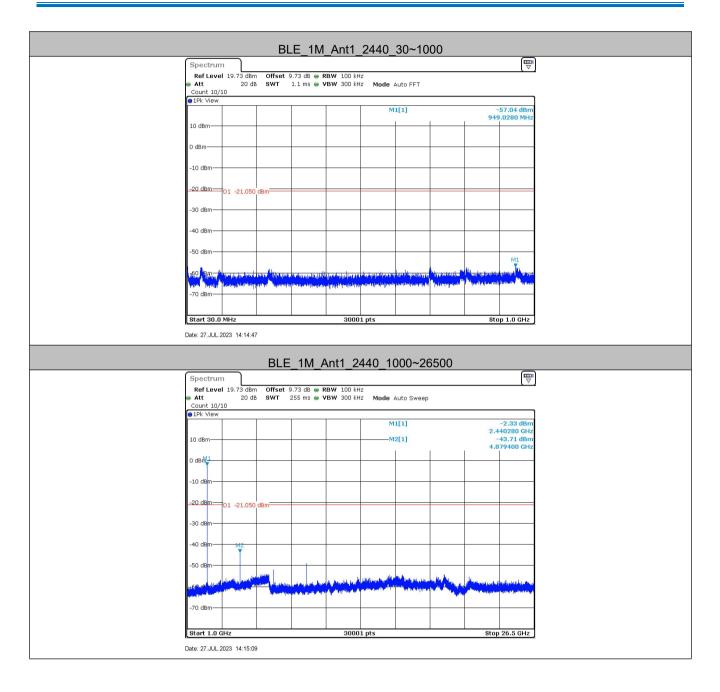
Test plot as follows:



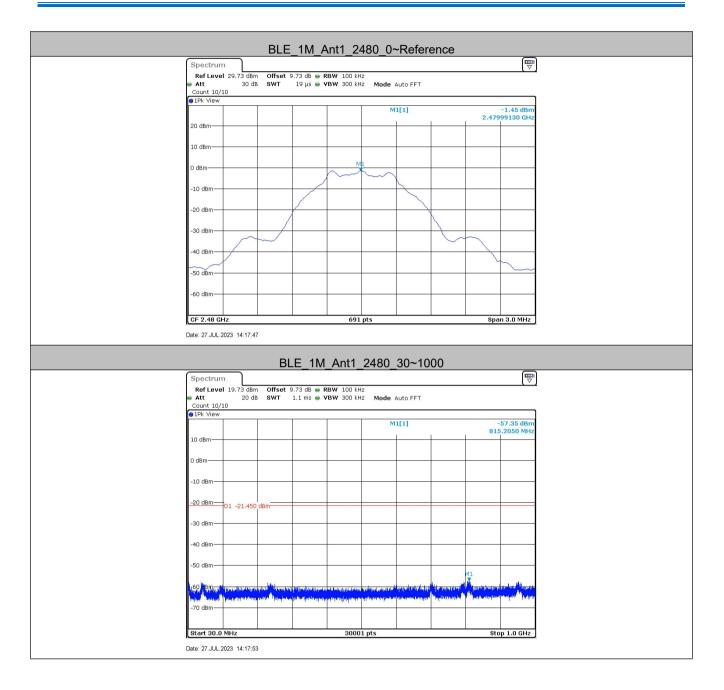




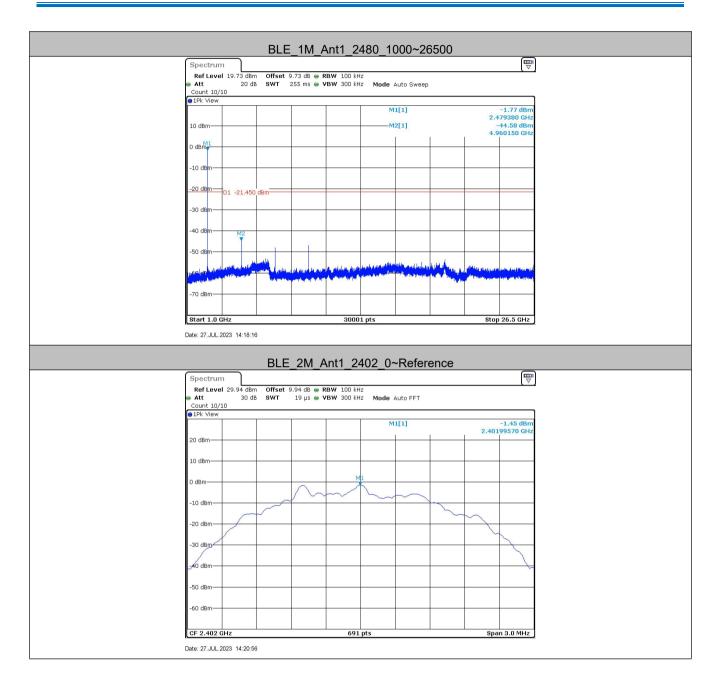




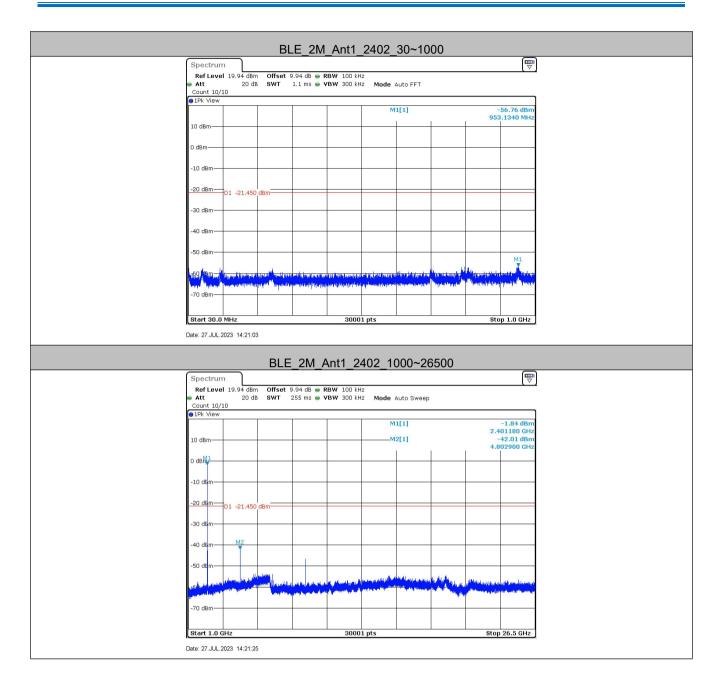




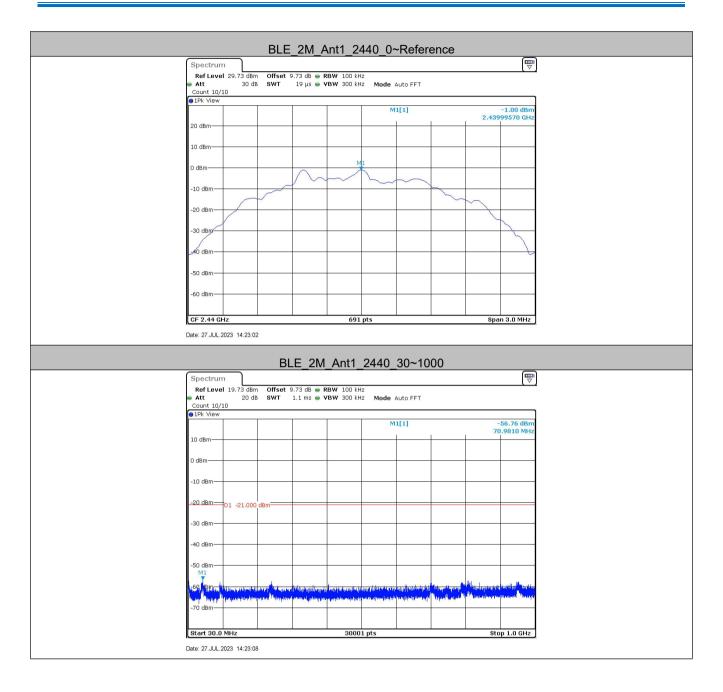




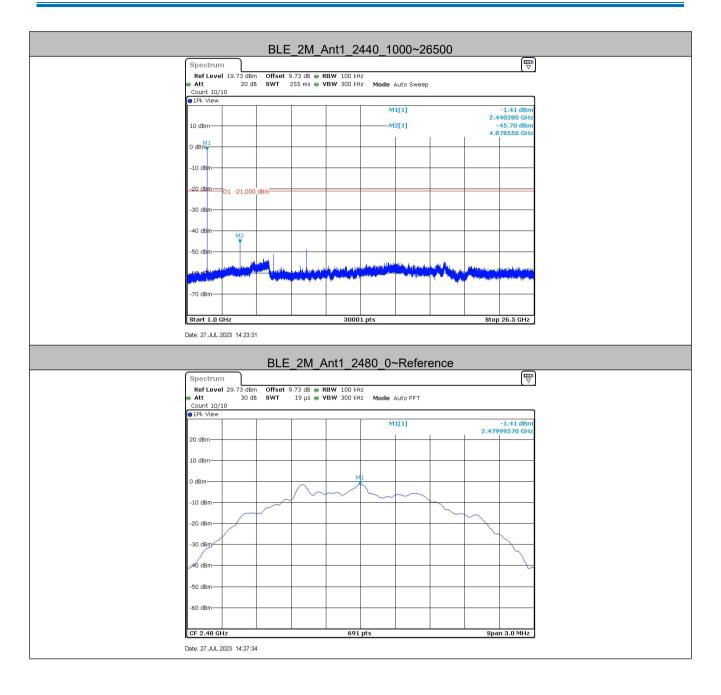




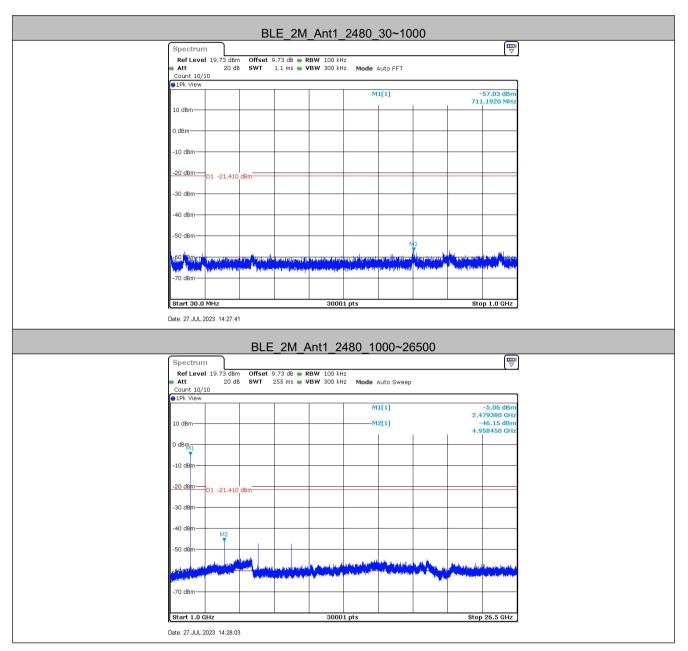












Remark:

Pretest 9kHz to 25GHz, find the highest point when testing, so only the worst data were shown in the test report. Per FCC Part 15.33 (a) and 15.31 (o) ,The amplitude of spurious emissions from intentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this part.



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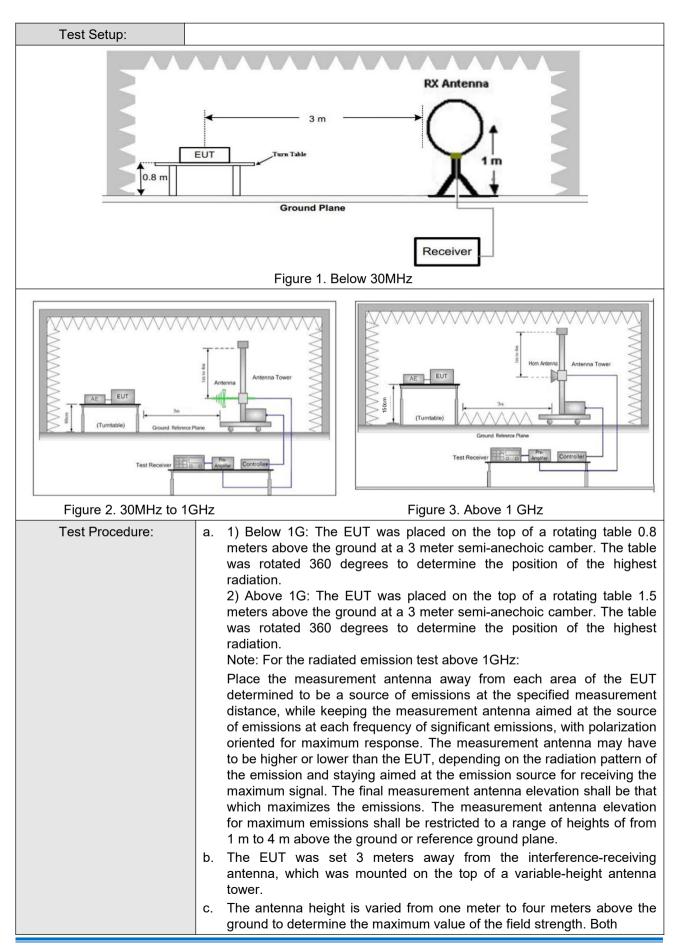
Report No.: CQASZ20230701332E-02

5.8 Radiated Spurious Emission & Restricted bands

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205						
Test Method:	ANSI C63.10 2013						
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)						
Receiver Setup:	Frequency		Detector	RBW	VBW	Remark	
	0.009MHz-0.090MHz		Peak	10kHz	z 30kHz	Peak	
	0.009MHz-0.090MHz		Average	10kHz	z 30kHz	Average	
	0.090MHz-0.110MHz		Quasi-peak	10kHz	z 30kHz	Quasi-peak	
	0.110MHz-0.490MHz		Peak	10kHz	z 30kHz	Peak	
	0.110MHz-0.490MH	z	Average	10kHz	z 30kHz	Average	
	0.490MHz -30MHz		Quasi-peak 10ł		z 30kHz	Quasi-peak	
	30MHz-1GHz		Quasi-peak	100 kH	z 300kHz	Quasi-peak	
	Above 1GHz		Peak	1MHz	3MHz	Peak	
			Peak	1MHz	10Hz	Average	
Limit:	Frequency		eld strength crovolt/meter)	Limit (dBuV/m)	Remark	Measureme distance (m	
	0.009MHz-0.490MHz		400/F(kHz)	-	-	300	
	0.490MHz-1.705MHz		1000/F(kHz)	-	-	30	
	1.705MHz-30MHz		30	-	-	30	
	30MHz-88MHz		100	40.0	Quasi-peak	3	
	88MHz-216MHz		150	43.5	Quasi-peak	3	
	216MHz-960MHz		200	46.0	Quasi-peak	3	
	960MHz-1GHz		500	54.0	Quasi-peak	3	
	Above 1GHz		500	54.0	Average	3	
	Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.						

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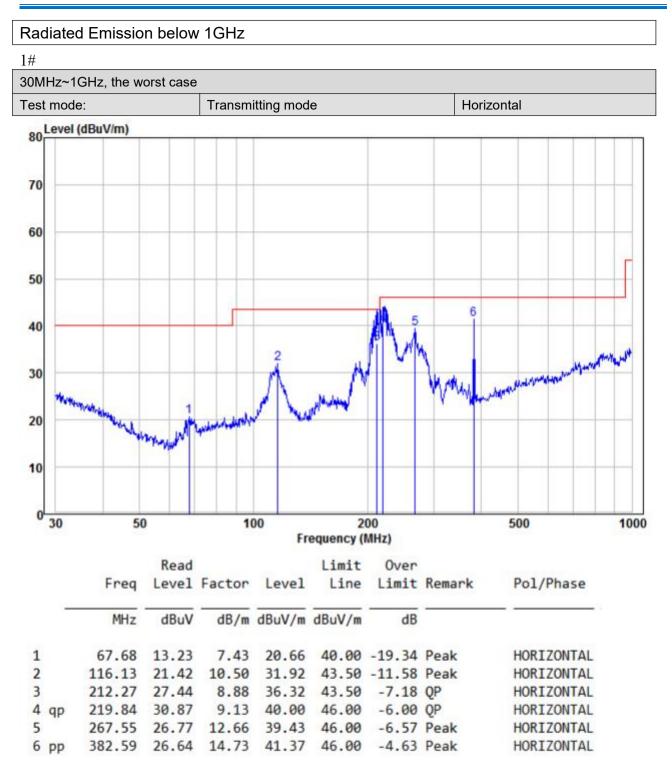






	horizontal and vertical polarizations of the antenna are set to make the measurement.		
	d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.		
	e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.		
	f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.		
	g. Test the EUT in the lowest channel (2402MHz), the middle channel (2440MHz), the Highest channel (2480MHz)		
	h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.		
	i. Repeat above procedures until all frequencies measured was complete.		
Exploratory Test Mode:	Transmitting with GFSK modulation. Transmitting mode.		
Final Test Mode:	Through Pre-scan, find the 1Mbps of data type and GFSK modulation is the worst case.		
	For below 1GHz part, through pre-scan, the worst case is the highest channel.		
	Only the worst case is recorded in the report.		
Test Results:	Pass		

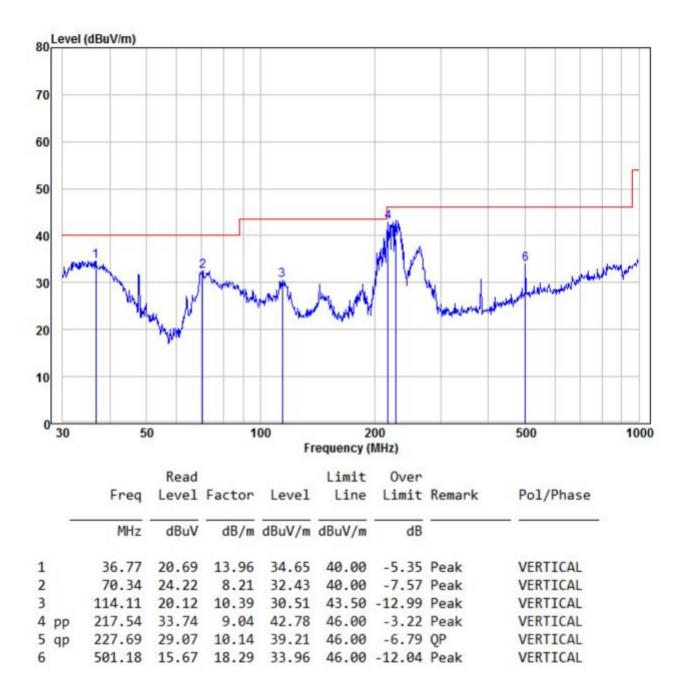






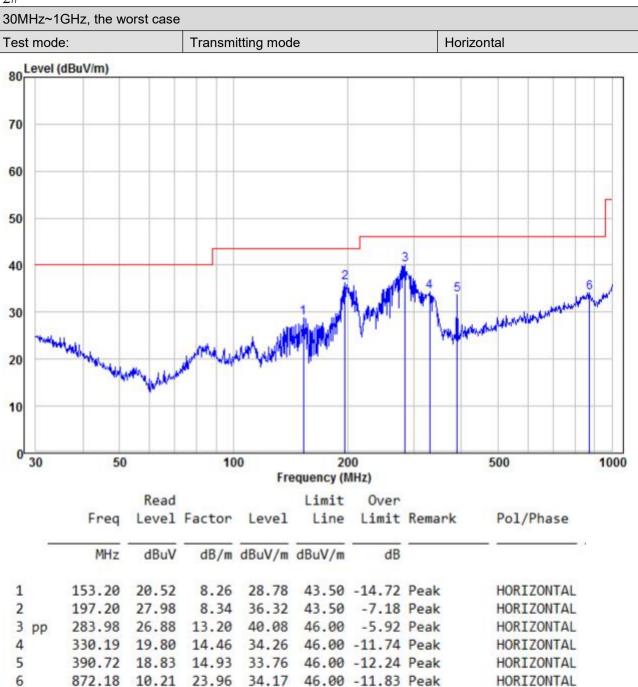
Shenzhen Huaxia Testing Technology Co., Ltd.

30MHz~1GHz, the worst case					
Test mode:	Transmitting mode	Vertical			





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Shenzhen Huaxia Testing Technology Co., Ltd.

Report No.: CQASZ20230701332E-02

30MHz~1GHz, the worst case

Test mode:

Transmitting mode

Vertical

