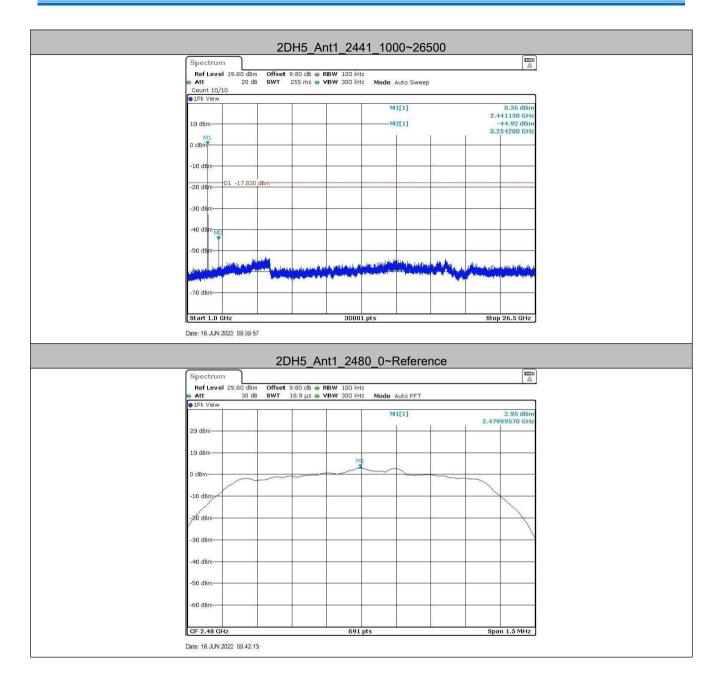


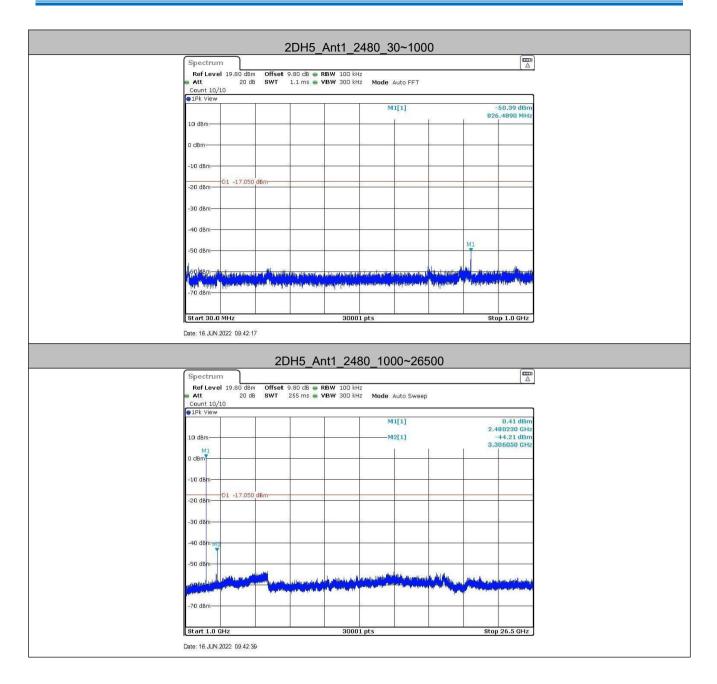


2DH5 A	nt1_2441_0~Reference		
Spectrum			
Ref Level 29.80 dBm Offset 9.80 dB 👄	RBW 100 kHz VBW 300 kHz Mode Auto FFT		
10.9 ps	VEW 300 KH2 MODE AUTO FFT		
	M1[1]	2.17 dBm 2.44100220 GHz	
20 dBm-			
10 dBm	M1		
0 dBm-			
-10 dBm			
-20 dBm			
-30 dBm			
-40 dBm		+ + +	
-50 dBm			
-60 dBm-			
CF 2.441 GHz	691 pts	Span 1.5 MHz	
	_Ant1_2441_30~1000	(m)	
Spectrum RefLevel 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms			
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Count 10/10 Count 10/10 Count 10/10 Count 10/10	RBW 100 kHz		
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Count 10/10 12 k View 12 k View 12 k View	RBW 100 kHz	(∰) -47.89 dBm 813.6530 MHz	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Count 10/10 IPk View 10 dBm 10 dBm	RBW 100 kHz VBW 300 kHz Mode Auto FFT	-47.88 dBm	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Count 10/10 12 k View 12 k View 12 k View	RBW 100 kHz VBW 300 kHz Mode Auto FFT	-47.88 dBm	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Count 10/10 IPk View 10 dBm 10 dBm	RBW 100 kHz VBW 300 kHz Mode Auto FFT	-47.88 dBm	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Court 10/10 1Pk View 10 dBm 0 dBm 10 dBm	RBW 100 kHz VBW 300 kHz Mode Auto FFT	-47.88 dBm	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Count 10/10 1Pk View 10 dBm 10 dBm 10 dBm	RBW 100 kHz VBW 300 kHz Mode Auto FFT	-47.88 dBm	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Court 10/10 1Pk View 10 dBm 10 dBm 10 dBm 10 dBm -10 dBm -10 dBm -20 dBm 01 -17.830 dBm	RBW 100 kHz VBW 300 kHz Mode Auto FFT	-47.88 dBm	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Court 10/10 1Pk View 10 dBm 10 dBm 10 dBm 10 dBm -10 dBm -10 dBm -30 dBm -40 dBm	RBW 100 kHz VBW 300 kHz Mode Auto FFT	-47.88 dBm	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Count 10/10 1Pk View 10 dBm 10 dBm 10 dBm 10 dBm -0 dBm -0 dBm -0 dBm -17.830 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm	RBW 100 kHz VBW 300 kHz Mode Auto FFT	-47.88 dBm 813.6530 MHz	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Court 10/10 1Pk View 10 dBm 10 dBm 10 dBm 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -30 dBm -50 dBm -50 dBm -40 dBm -40 dBm -40 dBm -50	RBW 100 kHz VBW 300 kHz Mode Auto FFT M1[1]	-47.88 dBm 813.6530 MHz	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Count 10/10 1Pk View 10 Image: SWT 1.1 ms 0 dBm 0 0 dBm 10 10 Image: SWT 1.1 ms 0 dBm 0 0 10 <td< td=""><td>RBW 100 kHz VBW 300 kHz Mode Auto FFT M1[1] M1[1]</td><td>-47.88 dBm 813.6530 MHz</td><td></td></td<>	RBW 100 kHz VBW 300 kHz Mode Auto FFT M1[1] M1[1]	-47.88 dBm 813.6530 MHz	
Spectrum Ref Level 19.80 dBm Offset 9.80 dB Att 20 dB SWT 1.1 ms Court 10/10 1Pk View 10 dBm 10 dBm 10 dBm 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -30 dBm -50 dBm -50 dBm -40 dBm -40 dBm -40 dBm -50	RBW 100 kHz VBW 300 kHz Mode Auto FFT M1[1] M1[1]	-47.88 dBm 813.6530 MHz	





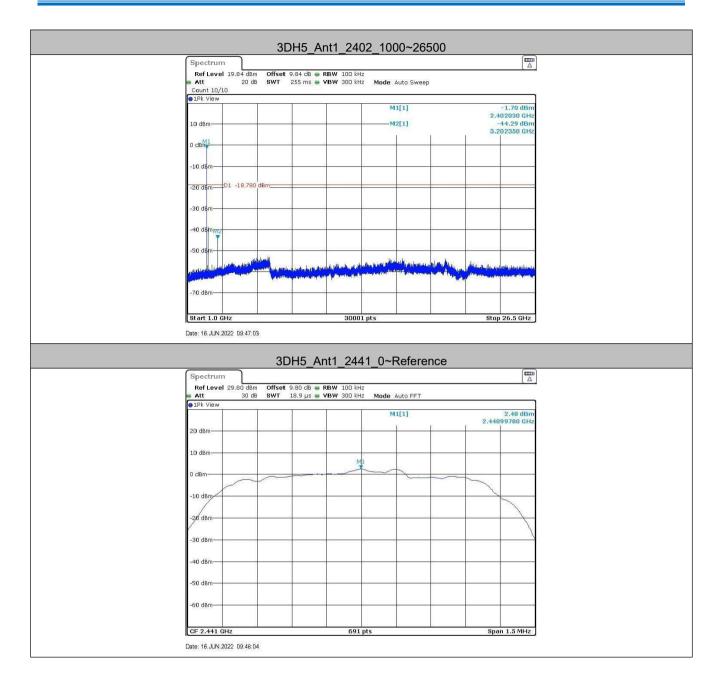




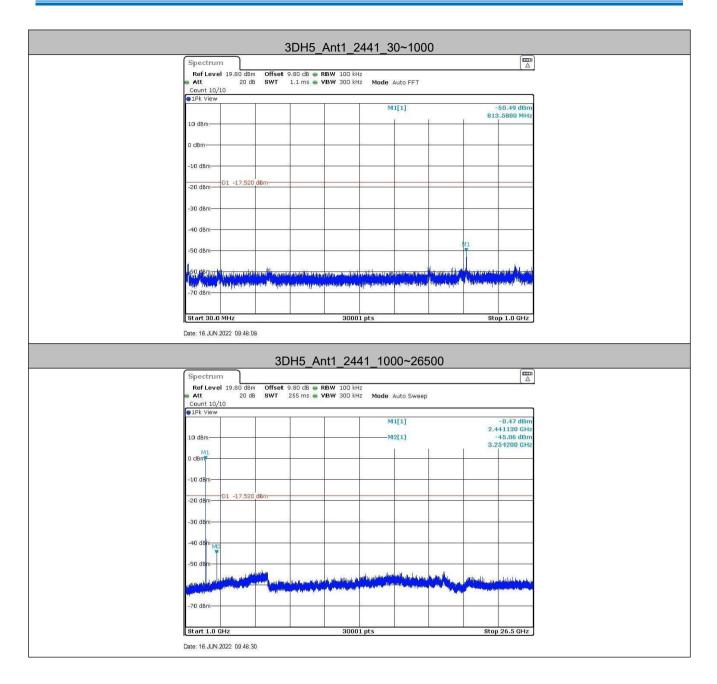


	3DH5_Ant1_24		;		
Spectrum		_			
Ref Level 29.84 dBm	Offset 9.84 dB 🖷 RBW 100 ki		L		
Att 30 dB start	3WT 18.9 µs 👄 VBW 300 ki	Hz Mode Auto FFT			
		M1[1]	1.22 dE 2.40199570 G	Bm	
20 dBm-			2.40199570 G	HZ	
10 dBm				-	
0 dBm-					
U UBIN			~		
-10 dBm				_	
-20 dBm			/		
-30 dBm				<u>\</u>	
-40 dBm				_	
-50 dBm					
-60 dBm				_	
		V			
CF 2.402 GHz	69:	L pts	Span 1.5 MH	iz	
CF 2.402 GHz Date: 16.JUN 2022 09:46:36		2402_30~1000	Span 1.5 MH	_	
Date: 16.JUN 2022 09.46.36		2402_30~1000			
Date: 16.JUN 2022 09:46:36 Spectrum Ref Level 19.84 dBm Att 20 dB	3DH5_Ant1_2	2402_30~1000		_	
Date: 16.JUN 2022 09.46.36	3DH5_Ant1_2	2402_30~1000	(I		
Date: 16.JUN 2022 09.46.36	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JUN 2022 09.46.36	3DH5_Ant1_2	2402_30~1000	(I		
Date: 16.JUN 2022 09:46:36 Spectrum Ref Level 19:84 dBm Att 20 dB Count 10/10 ●1Pk View 10 dBm	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JUN 2022 09:46:36	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JUN 2022 09:46:36 Spectrum Ref Level 19:84 dBm Att 20 dB Count 10/10 ●1Pk View 10 dBm	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JUN 2022 09.46;36 Spectrum Ref Level 19.84 dBm Att 20 dB Count 10/10 IPk View 10 dBm -10 dBm -10 dBm	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JLN 2022 08:46:36 Spectrum Ref Level 19:84 dBm Att 20 dB Count 10/10 • IPk View 10 dBm 0 dBm	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JUN 2022 09.46;36 Spectrum Ref Level 19.84 dBm Att 20 dB Count 10/10 IPk View 10 dBm -10 dBm -10 dBm	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JUN 2022 09.46:36	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JLN 2022 09.46.36	3DH5_Ant1_2	2402_30~1000	-50.25 de 800.4940 Mi		
Date: 16.JUN 2022 09.46:36	3DH5_Ant1_2	2402_30~1000	-50.25 dP		
Date: 16.JUN 2022 08.46.36	3DH5_Ant1_2	2402_30~1000	-50.25 dB 800.4940 M	3m Hz	
Date: 16.JUN 2022 08.46.36	3DH5_Ant1_2	2402_30~1000	-50.25 dB 800.4940 M		
Date: 16.JLN 2022 09.46.36	3DH5_Ant1_2	2402_30~1000	-50.25 dB 800.4940 M		
Date: 16.JUN 2022 08.46.36	3DH5_Ant1_2	2402_30~1000	-50.25 dB 800.4940 M		
Date: 16.JLN 2022 09.46.36	3DH5_Ant1_2	2402_30~1000	-50.25 dB 800.4940 M	m m Hz − − m m Hz − m m Hz − m m Hz − m m Hz − m m Hz − m m Hz m m Hz m m Hz m m m m m Hz m m m m m m m m m m m m m	





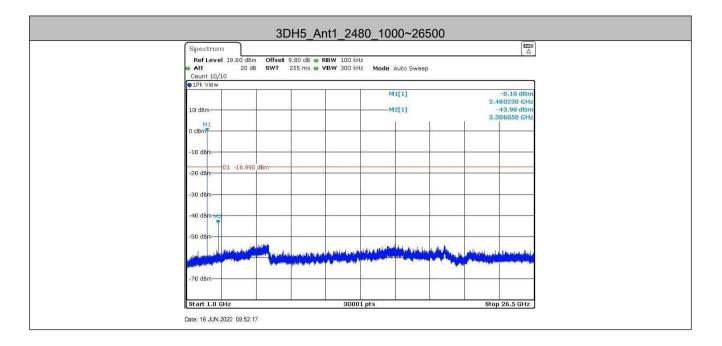






	3DH5_Ant1_248				
Spectrum					
Ref Level 29.80 dBm Of	fset 9.80 dB 👄 RBW 100 kHz			(4)	
Att 30 dB SV 1Pk View	אד 18.9 µs 👄 VBW 300 kHz	Mode Auto FFT			
		M1[1]		3.01 dBm	
20 dBm-			2.47	999350 GHz	
20 0011					
10 dBm					
	ML				
0 dBm					
-10 dBm			1		
10 404				1	
-20 dBm-					
				X	
-30 dBm					
-40 dBm-					
CTO ODIT					
-50 dBm					
-60 dBm					
 CF 2.48 GHz Date: 16.JUN 2022 09:51:50	691 ;	ots	Sp	an 1.5 MHz	 _
Date: 16.JUN 2022 09:51:50	3DH5_Ant1_24		Sp		
Date: 16.JUN 2022 09.51:50 Spectrum Ref Level 19.60 d8m Of	3DH5_Ant1_24	480_30~1000	Sp	m 1.5 MHz	
Date: 16 JUN 2022 09:51:50 Spectrum Ref Level 19,80 dBm Of Att 20 dB SV	3DH5_Ant1_24	480_30~1000	Sp		
Date: 16.JUN 2022 09.51:50 Spectrum Ref Level 19.60 d8m Of	3DH5_Ant1_24	480_30~1000 Mode Auto FFT			
Date: 16.JUN 2022 09:51:50 Spectrum Ref Level 19:80 d8m Of Att 20 d8 SV Count 10/10 91Pk View	3DH5_Ant1_24	480_30~1000			
Date: 16.JUN 2022 09.51:50 Spectrum Ref Level 19.80 dbm Of Att 20 dB SV Count 10/10	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16 JUN 2022 09:51:50 Spectrum Ref Level 19:80 dBm Of Att 20 dB SV Count 10/10 OIPk View 10 dBm	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16.JUN 2022 09:51:50 Spectrum Ref Level 19:80 d8m Of Att 20 d8 SV Count 10/10 91Pk View	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16 JUN 2022 09:51:50 Spectrum Ref Level 19:80 dBm Of Att 20 dB SV Count 10/10 OPPk View 10 dBm	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16.JUN 2022 09:51:50 Spectrum Ref Level 19.80 dbm Of Att 20 dB Sy Count 10/10 Fk View 0 dBm -10 dBm -10 dBm -10 dBm	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16 JUN 2022 09:51:50 Spectrum Ref Level 19:80 dBm Of Att 20 dB SV Count 10/10 PIPk View 10 dBm -10 dBm -10 dBm	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16.JUN 2022 09:51:50 Spectrum Ref Level 19.80 dbm Of Att 20 dB Sy Count 10/10 Fk View 0 dBm -10 dBm -10 dBm -10 dBm	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16.JUN 2022 09:51:50	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16.JUN 2022 09:51:50	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16 JUN 2022 09:51:50 Spectrum Ref Level 19:80 dBm Of Att 20 dB SV Count 10/10 PIPk View 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	3DH5_Ant1_24	480_30~1000 Mode Auto FFT		-51.24 dBm	
Date: 16.JUN 2022 09:51:50	3DH5_Ant1_24	480_30~1000 Mode Auto FFT	82	-51.24 dBm	
Date: 16.JUN 2022 09:51:50	3DH5_Ant1_24	480_30~1000	82	-51.24 dBm	
Date: 16.JUN 2022 09:51:50 Spectrum Ref Level 19.80 dBm O dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm	3DH5_Ant1_24	480_30~1000	82	-51.24 dBm	
Date: 16.JUN 2022 09:51:50 Spectrum Ref evel 19.80 dbm Of Att 20 db Sy Count 10/10 IPK View O dBm -10 dBm -20 dBm -30 dBm	3DH5_Ant1_24	480_30~1000	82	-51.24 dBm	
Date: 16.JUN 2022 09:51:50 Spectrum Ref Level 19.80 dBm O dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm	3DH5_Ant1_24	480_30~1000	B2	-51.24 dBm	





Remark:

Pre test 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.



5.10Other requirements Frequency Hopping Spread Spectrum System

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1), (h) requirement:
rate from a Pseudorandom o on the average by each trans	nnel frequencies that are selected at the system hopping rdered list of hopping frequencies. Each frequency must be used equally smitter. The system receivers shall have input bandwidths that match the of their corresponding transmitters and shall shift frequencies in smitted signals.
channels during each transm receiver, must be designed t transmitter be presented with employing short transmission	spectrum systems are not required to employ all available hopping hission. However, the system, consisting of both the transmitter and the o comply with all of the regulations in this section should the n a continuous data (or information) stream. In addition, a system n bursts must comply with the definition of a frequency hopping system nissions over the minimum number of hopping channels specified in
the system to recognize othe independently chooses and The coordination of frequence	nce within a frequency hopping spread spectrum system that permits er users within the spectrum band so that it individually and adapts its hopsets to avoid hopping on occupied channels is permitted. by hopping systems in any other manner for the express purpose of ccupancy of individual hopping frequencies by multiple transmitters is
Compliance for section 15.	247(a)(1)
-	sequence: 2 ⁹ -1 = 511 bits
	hift Register for Generation of the PRBS sequence
20 62 46 77	m Frequency Hopping Sequence as follow: 7 64 8 73 16 75 1
According to Bluetooth Core bandwidths that match the	on the average by each transmitter. Specification, Bluetooth receivers are designed to have input and IF hopping channel bandwidths of any Bluetooth transmitters and shift on with the transmitted signals.
Compliance for section 15.	-
pseudorandom hopping freq	re Specification, the Bluetooth system transmits the packet with the uency with a continuous data and the short burst transmission from the insmitted under the frequency hopping system with the pseudorandom



Compliance for section 15.247(h)

According to Bluetooth Core specification, the Bluetooth system incorporates with an adaptive system to detect other user within the spectrum band so that it individually and independently to avoid hopping on the occupied channels.

According to the Bluetooth Core specification, the Bluetooth system is designed not have the ability to coordinated with other FHSS System in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitter.

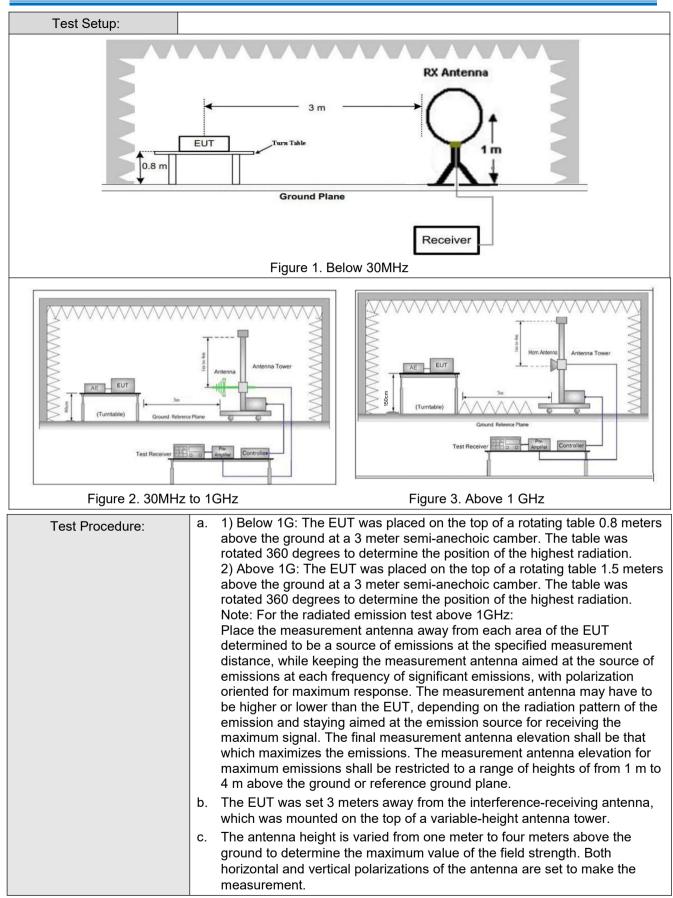


5.11 Radiated Spurious Emission & Restricted bands

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205									
Test Method:	ANSI C63.10: 2013									
Test Site:	Measurement Distance	Measurement Distance: 3m (Semi-Anechoic Chamber)								
Receiver Setup:	Frequency	Frequency Detector RBW VBW Remark								
	0.009MHz-0.090MH	z	Peak	10kHz	z 30kHz	Peak				
	0.009MHz-0.090MH	z	Average	10kHz	z 30kHz	Average	1			
	0.090MHz-0.110MH	z	Quasi-peak	10kHz	z 30kHz	Quasi-peak	1			
	0.110MHz-0.490MH	z	Peak	10kHz	z 30kHz	Peak	1			
	0.110MHz-0.490MH	z	Average	10kHz	z 30kHz	Average	1			
	0.490MHz -30MHz		Quasi-peak	10kHz	z 30kHz	Quasi-peak	1			
	30MHz-1GHz		Peak	100 kH	lz 300kHz	Peak	1			
			Peak	1MHz	: 3MHz	Peak	1			
	Above 1GHz		Peak	1MHz	: 10Hz	Average				
Limit:	Frequency		eld strength crovolt/meter)	Limit (dBuV/m)	Remark	Measureme distance (m				
	0.009MHz-0.490MHz	2	400/F(kHz)	-	-	300				
	0.490MHz-1.705MHz	24	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 emissions is 20dE applicable to the e peak emission lev	3 ab equi	ove the maxin pment under t	num permi est. This p	itted average	emission limit				





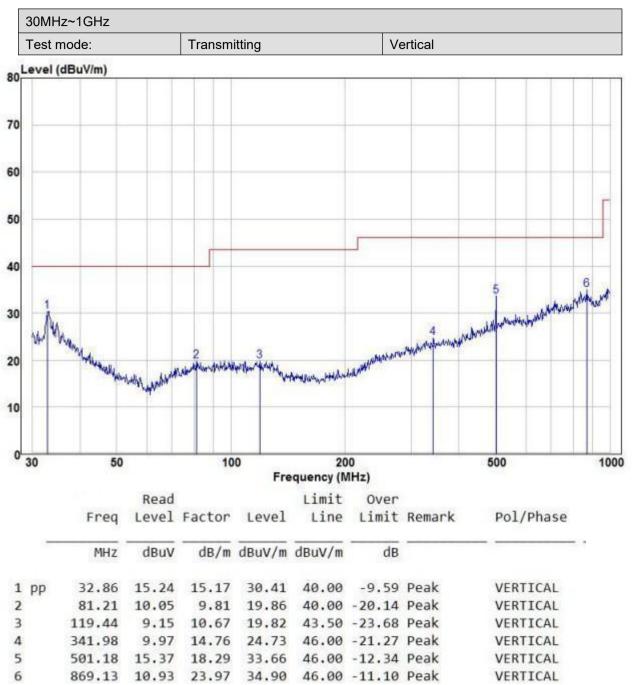




	 d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum 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 (2441MHz),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:	Non-hopping transmitting mode with all kind of modulation and all kind of data type Transmitting mode
Final Test Mode:	Through Pre-scan, find the DH5 of data type and GFSK modulation is the worst case.
	Pretest the EUT at Transmitting mode and Charge + Transmitting mode, found the Charge + Transmitting mode which it is worse case
	For below 1GHz part, through pre-scan, the worst case is the lowest channel. Only the worst case is recorded in the report.
Test Results:	Pass



5.11.1 Radiated Emission below 1GHz



Remark:

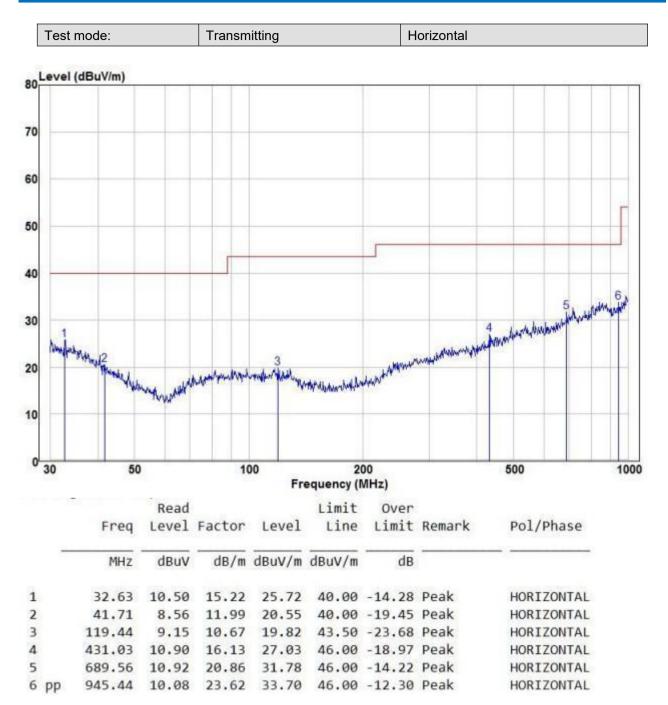
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Factor= Antenna Factor + Cable Factor - Preamplifier Factor,

Level = Read Level + Factor,

Over Limit=Level-Limit Line.





Remark:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Factor= Antenna Factor + Cable Factor - Preamplifier Factor,

Level = Read Level + Factor,

Over Limit=Level-Limit Line.



5.11.2 Transmitter Emission above 1GHz

Worse case	mode:	GFSK(DH5)		Test channel:		Lowest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
2390	55.47	-9.2	46.27	74	-27.73	Peak	н
2400	56.76	-9.39	47.37	74	-26.63	Peak	Н
4804	52.20	-4.33	47.87	74	-26.13	Peak	Н
7206	50.24	1.01	51.25	74	-22.75	Peak	Н
2390	55.27	-9.2	46.07	74	-27.93	Peak	V
2400	56.57	-9.39	47.18	74	-26.82	Peak	V
4804	53.64	-4.33	49.31	74	-24.69	Peak	V
7206	50.01	1.01	51.02	74	-22.98	Peak	V

Worse case	Worse case mode:		GFSK(DH5)		Test channel:		Middle	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V	
4882	50.27	-4.11	46.16	74	-27.84	peak	Н	
7323	48.94	1.51	50.45	74	-23.55	peak	Н	
4882	52.63	-4.11	48.52	74	-25.48	peak	V	
7323	48.68	1.51	50.19	74	-23.81	peak	V	

Worse case	Worse case mode:		GFSK(DH5)		Test channel:		Highest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V	
2483.5	57.21	-9.29	47.92	74	-26.08	Peak	н	
4960	53.20	-4.04	49.16	74	-24.84	Peak	Н	
7440	48.47	1.57	50.04	74	-23.96	Peak	Н	
2483.5	55.05	-9.29	45.76	74	-28.24	Peak	v	
4960	48.65	-4.04	44.61	74	-29.39	Peak	V	
7440	50.17	1.57	51.74	74	-22.26	Peak	V	



Worse case	mode:	π /4DQPSK (2DH5)		Test channel:		Lowest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
2390	53.65	-9.2	44.45	74	-29.55	Peak	н
2400	55.10	-9.39	45.71	74	-28.29	Peak	Н
4804	53.82	-4.33	49.49	74	-24.51	Peak	Н
7206	48.85	1.01	49.86	74	-24.14	Peak	Н
2390	55.91	-9.2	46.71	74	-27.29	Peak	V
2400	55.35	-9.39	45.96	74	-28.04	Peak	V
4804	54.61	-4.33	50.28	74	-23.72	Peak	V
7206	51.10	1.01	52.11	74	-21.89	Peak	V

Worse case	mode:	π /4DQPSK (2DH5)		Test channel:		Middle	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
4882	50.72	-4.11	46.61	74	-27.39	peak	Н
7323	50.81	1.51	52.32	74	-21.68	peak	Н
4882	51.50	-4.11	47.39	74	-26.61	peak	V
7323	49.38	1.51	50.89	74	-23.11	peak	V

Worse case	Worse case mode:		π /4DQPSK (2DH5)		Test channel:		Highest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V	
2483.5	55.33	-9.29	46.04	74	-27.96	Peak	н	
4960	50.65	-4.04	46.61	74	-27.39	Peak	Н	
7440	49.51	1.57	51.08	74	-22.92	Peak	Н	
2483.5	55.44	-9.29	46.15	74	-27.85	Peak	v	
4960	49.50	-4.04	45.46	74	-28.54	Peak	V	
7440	50.62	1.57	52.19	74	-21.81	Peak	V	



Worse case mode:		8DPSK (3DH5)		Test channel:		Lowest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
2390	55.17	-9.2	45.97	74	-28.03	Peak	Н
2400	57.14	-9.39	47.75	74	-26.25	Peak	Н
4804	51.49	-4.33	47.16	74	-26.84	Peak	Н
7206	48.35	1.01	49.36	74	-24.64	Peak	Н
2390	54.38	-9.2	45.18	74	-28.82	Peak	V
2400	56.28	-9.39	46.89	74	-27.11	Peak	V
4804	53.56	-4.33	49.23	74	-24.77	Peak	V
7206	48.88	1.01	49.89	74	-24.11	Peak	V

Worse case mode:		8DPSK (3DH5)		Test channel:		Middle	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
4882	51.38	-4.11	47.27	74	-26.73	peak	Н
7323	50.86	1.51	52.37	74	-21.63	peak	Н
4882	54.07	-4.11	49.96	74	-24.04	peak	V
7323	48.97	1.51	50.48	74	-23.52	peak	V

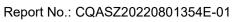
Worse case mode:		8DPSK (3DH5)		Test channel:		Highest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
2483.5	54.67	-9.29	45.38	74	-28.62	Peak	н
4960	51.17	-4.04	47.13	74	-26.87	Peak	Н
7440	49.16	1.57	50.73	74	-23.27	Peak	Н
2483.5	56.20	-9.29	46.91	74	-27.09	Peak	V
4960	49.29	-4.04	45.25	74	-28.75	Peak	V
7440	49.90	1.57	51.47	74	-22.53	Peak	V

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

2) Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits 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 under any condition of modulation. So, only the peak measurements were shown in the report.



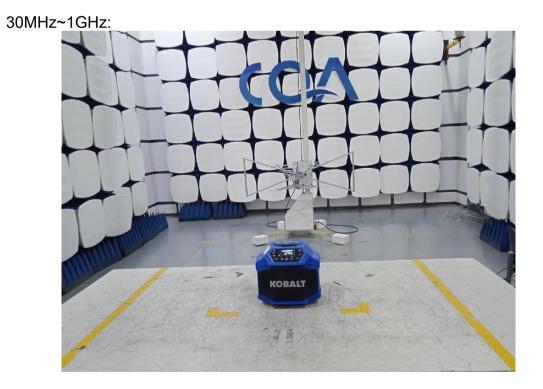


6 Photographs - EUT Test Setup

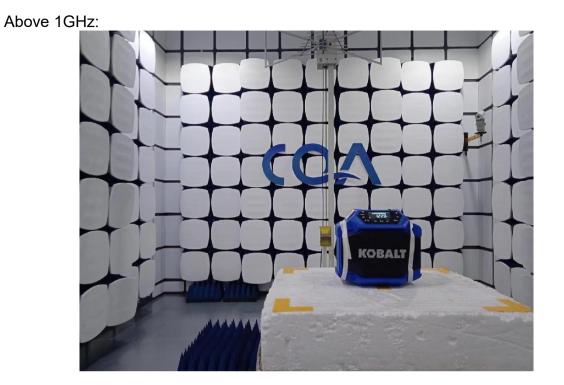
6.1 Radiated Emission

9KHz~30MHz:









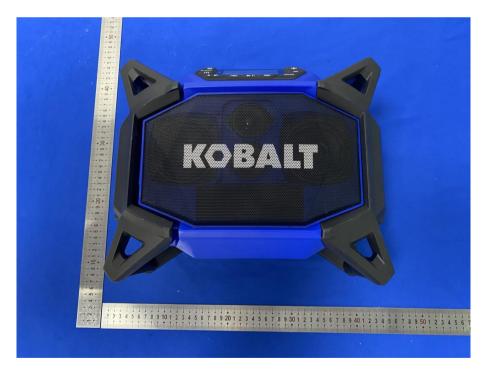
6.2 Conducted Emission



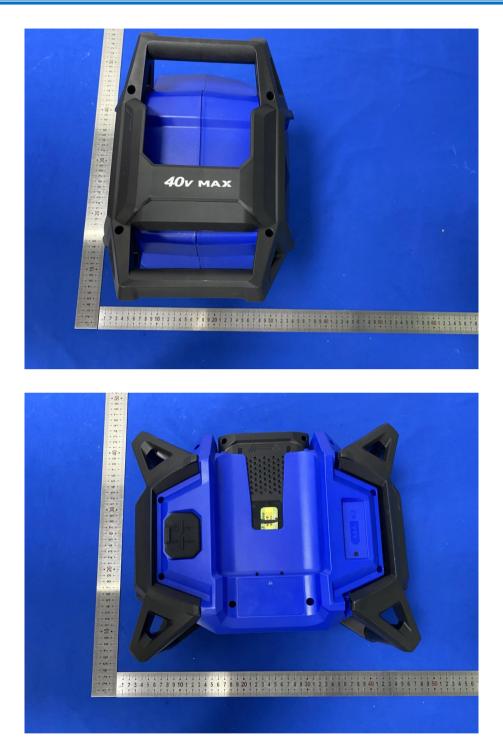


7 Photographs - EUT Constructional Details



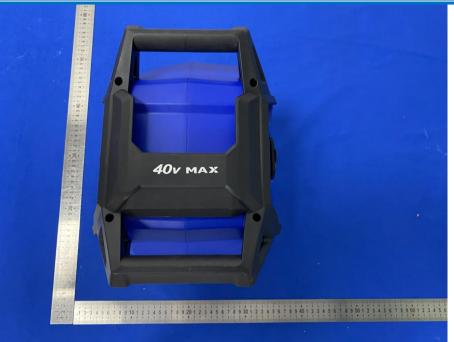






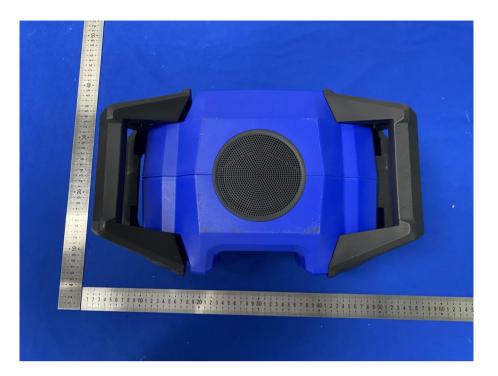


Shenzhen Huaxia Testing Technology Co., Ltd.



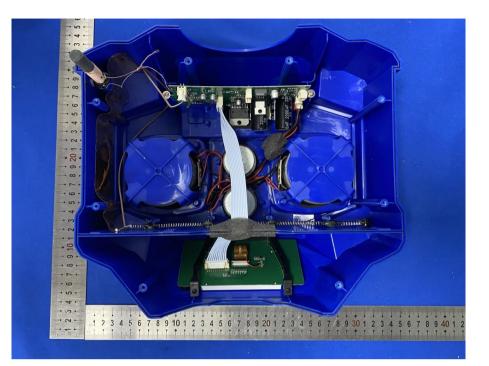


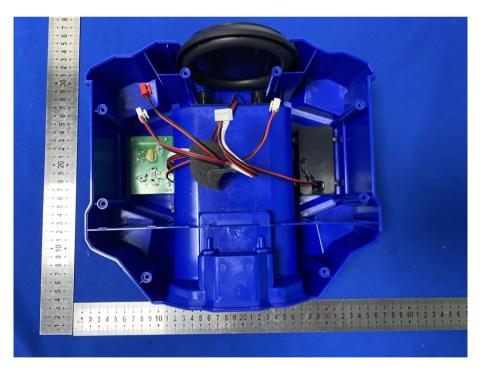




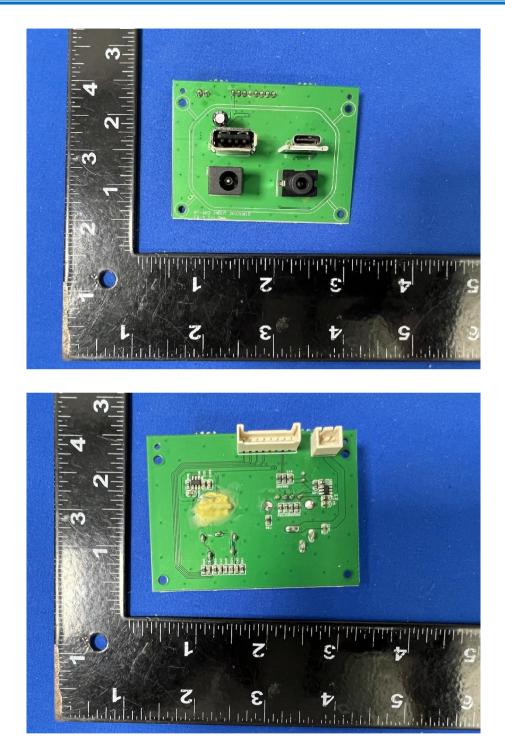




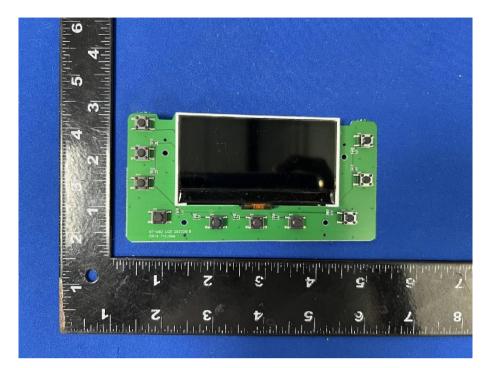


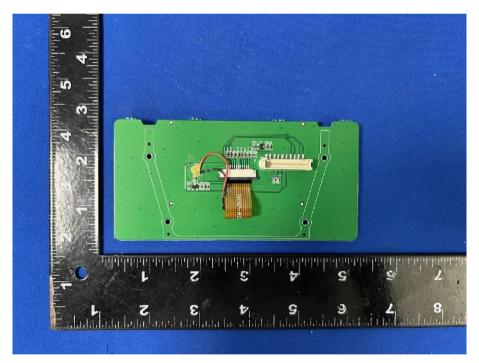






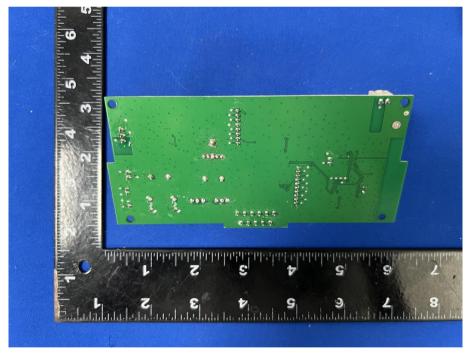












*** END OF REPORT ***