



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

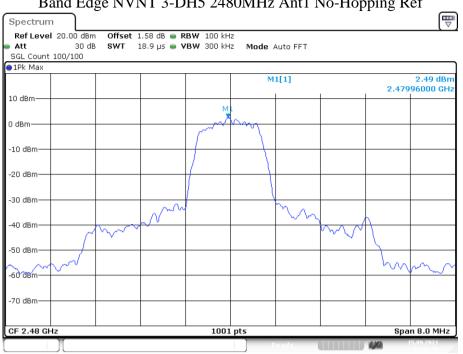
Date: 15.SEP.2021 12:45:49

₽ Spectrum Ref Level 20.00 dBm Offset 1.57 dB 👄 RBW 100 kHz Att 30 dB SWT 113.8 µs 👄 VBW 300 kHz Mode Auto FFT SGL Count 100/100 M1[1] 5.63 dBn 2.40195000 GH 10 dBm M2[1] -42.97 dBn 2.40000000/GH 0 dBm--10 dBm-D1 -13.132 dBm--20 dBm -30 dBm -40 dBm -50 dBm M4 ▼ мз Merry A 60 HB -70 dBm Start 2.306 GHz 1001 pts Stop 2.406 GHz Marker X-value Y-value Function **Function Result** Type Ref Trc 2.40195 GHz 2.4 GHz 2.39 GHz 5.63 dBm -42.97 dBm M1 M2 1 ΜЗ -59.24 dBm -56.73 dBm M4 2.3432 GHz 1 1.00

Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

Date: 15.SEP.2021 12:45:55





Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref

Date: 15.SEP.2021 12:43:47

₽ Spectrum Ref Level 20.00 dBm Offset 1.58 dB 👄 RBW 100 kHz Att 30 dB SWT 113.8 µs 👄 VBW 300 kHz Mode Auto FFT SGL Count 100/100 M1[1] 5.26 dBn 2.47995000 GH 10MBm M2[1] -56.22 dBm 2.48350000 GHz -10 cBm 17.51 -20 dBm -30 d8m 40 dBr 50 dBr мз -60 dBm -70 dBm· Start 2.476 GHz 1001 pts Stop 2.576 GHz Marker X-value Y-value Function **Function Result** Type Ref Trc 2.47995 GHz 2.4835 GHz 2.5 GHz 2.4849 GHz 5.26 dBm -56.22 dBm M1 M2 1 ΜЗ -60.82 dBm M4 1 -54.69 dBm 1.00

Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

Date: 15.SEP.2021 12:43:53



Band Edge(Hopping)



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref

Date: 15.SEP.2021 08:51:46

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

Spectru	lm									
Ref Le	vel 20.0	00 dBm	Offset	1.57 dB (RBW 100 k	Hz				
🛛 Att		30 dB	SWT	113.8 µs (> VBW 300 k	Hz Mod	e Auto F	FT		
SGL Cou	nt 2000	/2000								
😑 1Pk Max	<									
							M1[1]			6.60 dBm
10 dBm-	_									505000 G⊮p
							M2[1]			-51.06 dBr
0 dBm—	_						1	1	2.40	00000000000
										prov
-10 dBm-		13.474	dBm							
-20 dBm-		10.171	abiii							
-20 ubiii-										
-30 dBm-	_			ļ			_			
-40 dBm-	<u> </u>						_			
										M2
-50 dBm-								M4	МЗ	1
"Budene	Managanaharila	un any	Murshapping	and deren	unin maniput	moterium	-	- delengelon and and	James Walnut	market
-00 ubiii-		~				ľ			v	
-70 dBm-	_						_			
Start 2.3	306 GH3	7			1001	nts			Ston	2.406 GHz
Marker	500 GH				1001	, pro			осор	2.100 012
	Ref Tr		X-value	n 1	Y-value	- Eur	nction	- Euro	ction Resu	H 1
M1		1		05 GHz	6.60 dB		iccion	Fun	ction Resu	n
M2		1		2,4 GHz	-51.06 dB					
M3		1		39 GHz	-58.95 dB					
M4		1	2.37	71 GHz	-55.27 dB	m				
	11						Deadu		1.000	15.09.2021
									ages a	

Date: 15.SEP.2021 08:52:41





Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

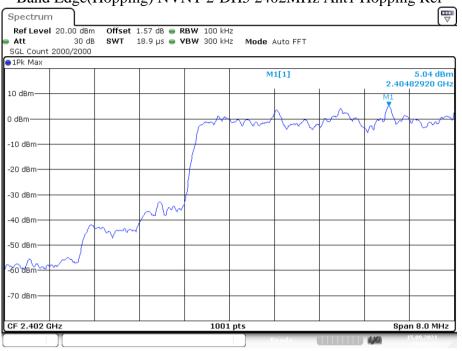
Date: 15.SEP.2021 09:00:48

Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

Spectrun	n									$\overline{\nabla}$
Ref Leve				● RB₩ 100 kHz						
Att	-	0 dB SWT	113.8 µs (VBW 300 kHz	Mode	Auto F	FT			
SGL Count	2000/2	000								
∋1Pk Max										
					M:	1[1]				6.68 dBn
100Bm				_						85000 GH
<u>ธธุลึก</u>					M	2[1]				58.27 dBm 50000 GHz
9. dB m							1		2.483	10000 GH2
-10 dBm										
-10'0Bm-	D1 -13	.739 dBm								
-20 aBm										
-30 d <mark>8</mark> m										
10.10										
-40 dBm—										
-50 dBm714-										
		M3	- ·							
-60 dBm	water the	V Carrelander Carrender Co	Mary Mary	nternensumment, m	<u>่างสำครณ์สุด</u>	milgune	2 min	helpelper and he	al a provent	-northalter our
-70 dBm										
Start 2.47	6.011-			1001 mt	-				Otan	
	o GHZ			1001 pt	.5				Stop .	2.576 GHz
Marker	6 Tu-	X-valu	- 1	Y-value	Funct			F	tion Result	
Type Re M1	f Trc 1		1885 GHz	6.68 dBm	Funct	1011		Fund	aion Result	
M2	1		835 GHz	-58.27 dBm						
M3	1		2.5 GHz	-58.20 dBm						
M4	1	2.	484 GHz	-55.91 dBm						
	1					oadv	10.0		120	15.09.2021

Date: 15.SEP.2021 09:01:43





Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

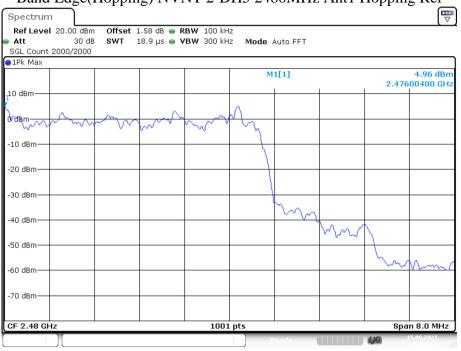
Date: 15.SEP.2021 09:09:29

Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

Spectrum			1 52 40						
Ref Level Att	20.00 a 30			RBW 100 kHz VBW 300 kHz	Mode in	to FFT			
SGL Count 2			113.0 µs (• YBW 300 KH2	MOUE AU				
1Pk Max	000/200								
					M1[1	1			5.77 dBn
					- Contraction			2.40	295000 ₁ GH
10 dBm					M2[1	u l			-44.25 dBn
D dBm								2.40	00000010010
5 dbiii									1 (10)
-10 dBm									
	1 -14.9	59 dBm							+ +
-20 dBm									
-30 dBm									
SU UBIII									
-40 dBm							_		N48
									P
-50 dBm				M4				M3	
le ni ha man	مر بالعامل ال	Amerenden	mouse almet	Luptur marine ou	Malandaria	المراجعة والم	hu thirtau	madel Januar	man
oo abiii								0	
-70 dBm									
Start 2.306	GHz			1001 pt	s			Stop	2.406 GHz
1arker				· · · ·					
Type Ref	Trc	X-valu	ie	Y-value	Functio	n	Fun	ction Resu	lt
M1	1	2.40	295 GHz	5.77 dBm					
M2	1		2.4 GHz	-44.25 dBm					
M3	1		.39 GHz	-57.00 dBm					
M4	1	2.3	358 GHz	-56.68 dBm					

Date: 15.SEP.2021 09:10:25





Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref

Date: 15.SEP.2021 09:14:29

Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

									\bigtriangledown
Ref Level				• RBW 100 kHz					
Att	30		113.8 µs (• VBW 300 kHz	Mode Aut	to FFT			
SGL Count 2 1Pk Max	2000/200	iu							
) IPK Max					M1[1	1			5.34 dBn
					MILI	1		2 47	5.34 dBn 615000 GH
10 dBm					M2[1	1			-56.55 dBn
alden						·			350000 GH
al mextu									
-10 cBm		_							
	01 -15.03	36 dBm							
-20 dBm									<u> </u>
-30 dBm									
-40 dBm —									
I									
-50 dBm	4	МЗ							
60 dBm	الم <u>حمي محمل</u>		and Ala	about the march the me	uniced alles march	and allow	homentens	me men	montermy
oo abiii	· · ·			I I		· •		1 ×	
.70 dBm									
Start 2.476	GHz			1001 p	ts			Stop	2.576 GHz
1arker									
Type Ref	Trc	X-valu	ie	Y-value	Functior	ı	Fun	ction Resul	t
M1	1		615 GHz	5.34 dBm					
M2	1		835 GHz	-56.55 dBm					
M3 M4	1		2.5 GHz 868 GHz	-59.09 dBm -55.71 dBm					

Date: 15.SEP.2021 09:15:23





Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref

Date: 15.SEP.2021 09:32:40

Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

Spectrur	n L								∇
Ref Leve				RBW 100 kH					
Att		O dB SWT	113.8 µs	😑 VBW 300 kł	Hz Mode	Auto F	FT		
SGL Coun	t 2000/2	000							
⊖1Pk Max									
					M	1[1]			5.19 dBm
10 dBm									305000 GHz
					M	2[1]		0.40	-45.14 dBm
0 dBm						I	1	2.40	
10.10									
-10 dBm—	D1 -13	.498 dBm							
-20 dBm—	D1 10								
20 0011									
-30 dBm—									
-40 dBm—	+		+						112
-50 dBm—							M4	МЗ	
water a low water	mm man	mall hat been been and a selfer	alland unon	mannandaa	Mary and Marine	mumas	www.	winny Junda	ment
-00 ubm		×					V	~	
-70 dBm—									
70 abiii									
Start 2.30	16 CH2			1001	nte			Ston	2.406 GHz
Marker				1001	pts			атор	2.400 GH2
	ef Trc	X-valu	I.O. I.	Y-value	Func	tion	E	ction Resul	•
M1	97 17C		305 GHz	5.19 dB		aon	Fun	LUON KESU	ι
M2	1		2,4 GHz	-45.14 dB					
M3	1		2.39 GHz	-59.05 dB					
M4	1		774 GHz	-56.10 dB					
)[4.975	15.09.2021
								1911	

Date: 15.SEP.2021 09:33:36





Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref

Date: 15.SEP.2021 09:39:12

Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

Spectrum										$\overline{\nabla}$
Ref Level				RBW 100 kHz						
Att 🛛		Odb SWT	113.8 µs	VBW 300 kHz	Mode	Auto F	FT			
SGL Count	2000/2	000								
∋1Pk Max										
					M1	1[1]				2.08 dBm
10 dBm				_						585000 GH:
1					M	2[1]				-57.52 dBm
խ'de m					ı		1		2.48	350000 GHz
-10 cBm-		oge des								
-20 cBm	DI -14.	.875 dBm								
-20 00111										
-30 dBm										
- X										
-40 dBm										
-50 dBn		Ме мз								
-60 dem	ledenhuen.	withmention	mary maker	allen marine out	matyperstype	mound	anna	mount	and show the	manupplier
-00 ubiii			l v				w			
-70 dBm										
Start 2.476	GHz			1001 pt	5				Stop	2.576 GHz
Marker										
Type Ref	Trc	X-valı	ie	Y-value	Funct	ion		Fund	tion Result	t
M1	1		685 GHz	2.08 dBm						
M2	1		835 GHz	-57.52 dBm						
M3	1		2.5 GHz	-59.12 dBm						
M4	1	2.4	954 GHz	-56.96 dBm						
					R	eady			100	15.09.2021

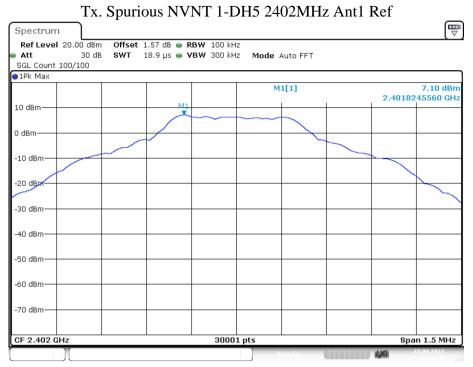
Date: 15.SEP.2021 09:40:07



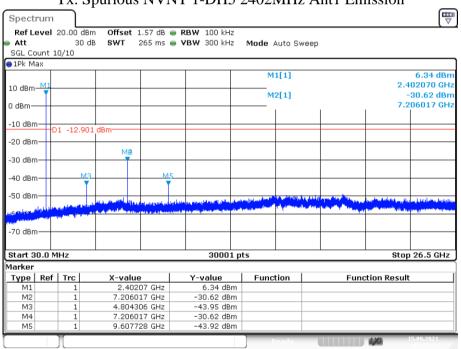
J.9 Spunous KF Con	
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10:2013
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane
	Remark: Factor: the High-Frequency cable loss 1.5dB in the spectrum analyzer.
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type
Final Test Mode:	Through Pre-scan, find the DH1 of data type is the worst case of GFSK modulation type, 2-DH1 of data type is the worst case of π /4DQPSK modulation type, 3-DH1 of data type is the worst case of 8DPSK modulation type.
Test Results:	Pass

5.9 Spurious RF Conducted Emissions





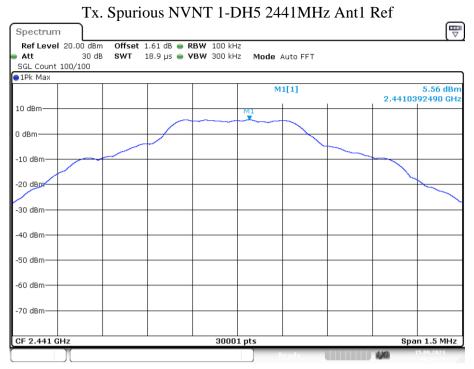
Date: 15.SEP.2021 08:48:49



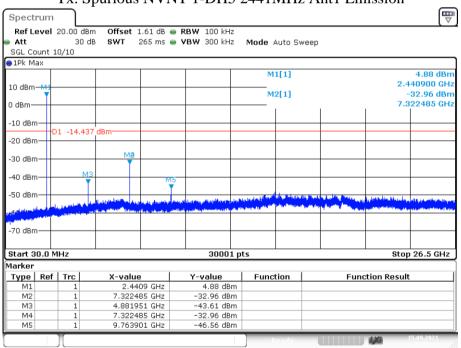
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

Date: 15.SEP.2021 08:49:03





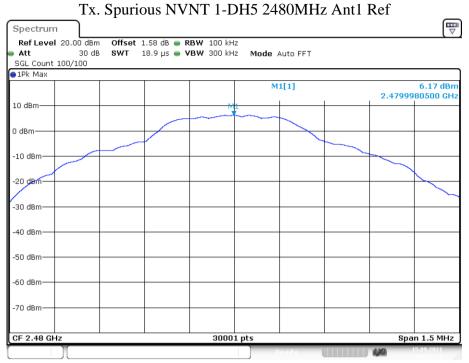
Date: 15.SEP.2021 08:56:31



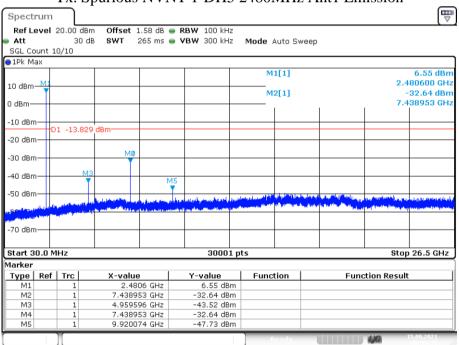
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

Date: 15.SEP.2021 08:56:44





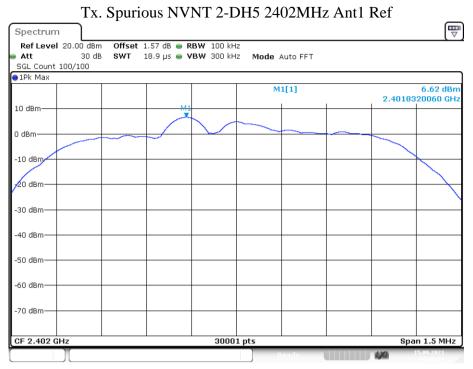
Date: 15.SEP.2021 08:58:11



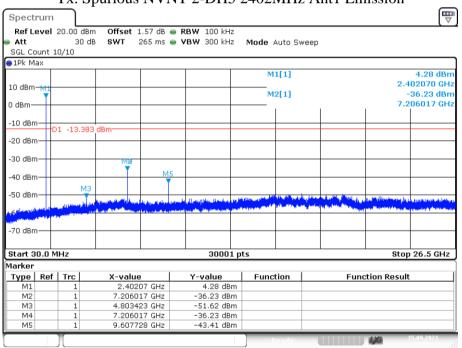
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

Date: 15.SEP.2021 08:58:25





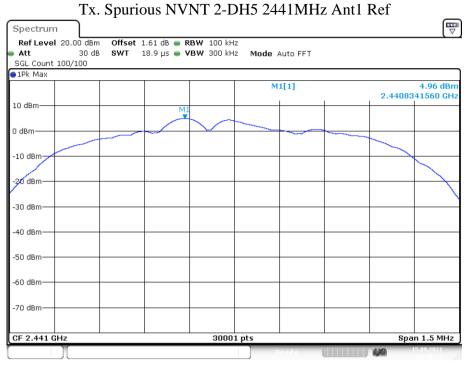
Date: 15.SEP.2021 09:06:38



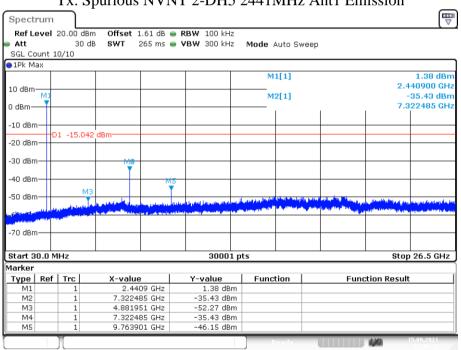
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

Date: 15.SEP.2021 09:06:52





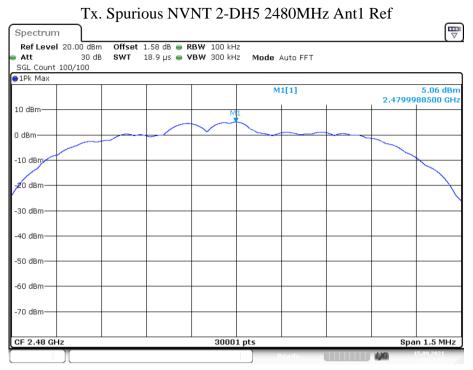
Date: 15.SEP.2021 09:16:30



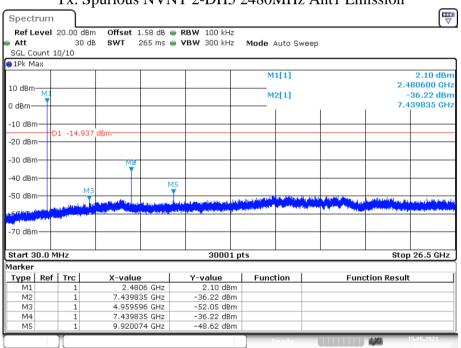
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

Date: 15.SEP.2021 09:16:44





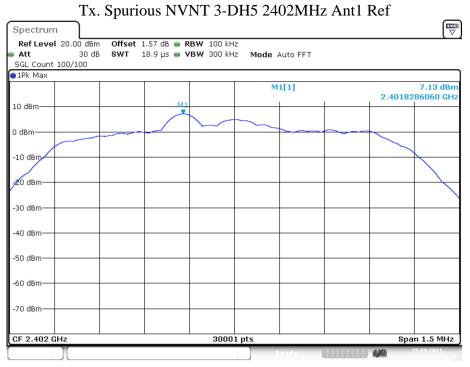
Date: 15.SEP.2021 09:17:59



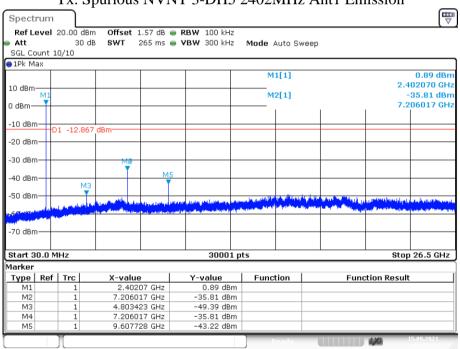
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

Date: 15.SEP.2021 09:18:13





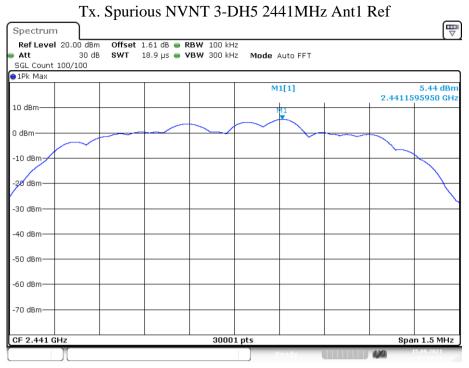
Date: 15.SEP.2021 12:46:08



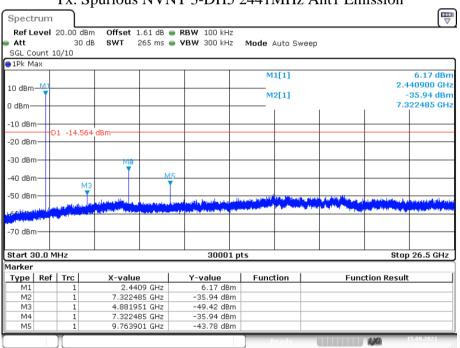
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

Date: 15.SEP.2021 12:46:22





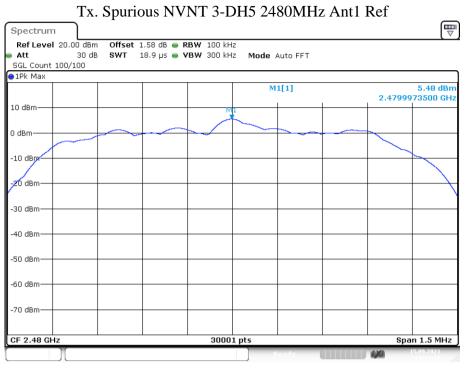
Date: 15.SEP.2021 12:42:21



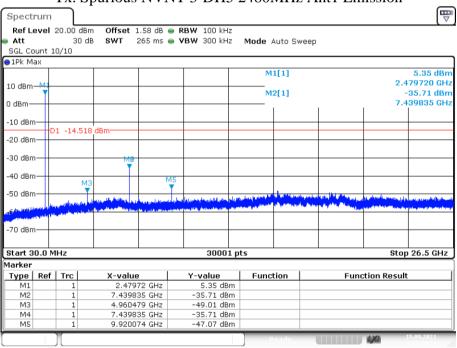
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission

Date: 15.SEP.2021 12:42:35





Date: 15.SEP.2021 12:44:10



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

Date: 15.SEP.2021 12:44:24

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.



5.10 Other requirements Frequency Hopping Spread Spectrum System

Test Requirement:

47 CFR Part 15C Section 15.247 (a)(1), (h) requirement:

The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section.

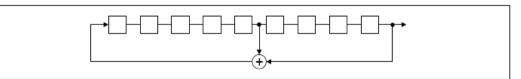
The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

Compliance for section 15.247(a)(1)

According to Bluetooth Core Specification, the pseudorandom sequence may be generated in a ninestage shift register whose 5th and 9th stage

outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONEs; i.e. the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence: 2⁹ -1 = 511 bits
- · Longest sequence of zeros: 8 (non-inverted signal)



Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow: 20 62 46 77 7 64 8 73 16 75 1



Each frequency used equally on the average by each transmitter.

According to Bluetooth Core Specification, Bluetooth receivers are designed to have input and IF bandwidths that match the hopping channel bandwidths of any Bluetooth transmitters and shift frequencies in synchronization with the transmitted signals.

Compliance for section 15.247(g)

According to Bluetooth Core Specification, the Bluetooth system transmits the packet with the pseudorandom hopping frequency with a continuous data and the short burst transmission from the Bluetooth system is also transmitted under the frequency hopping system with the pseudorandom hopping frequency system.

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.

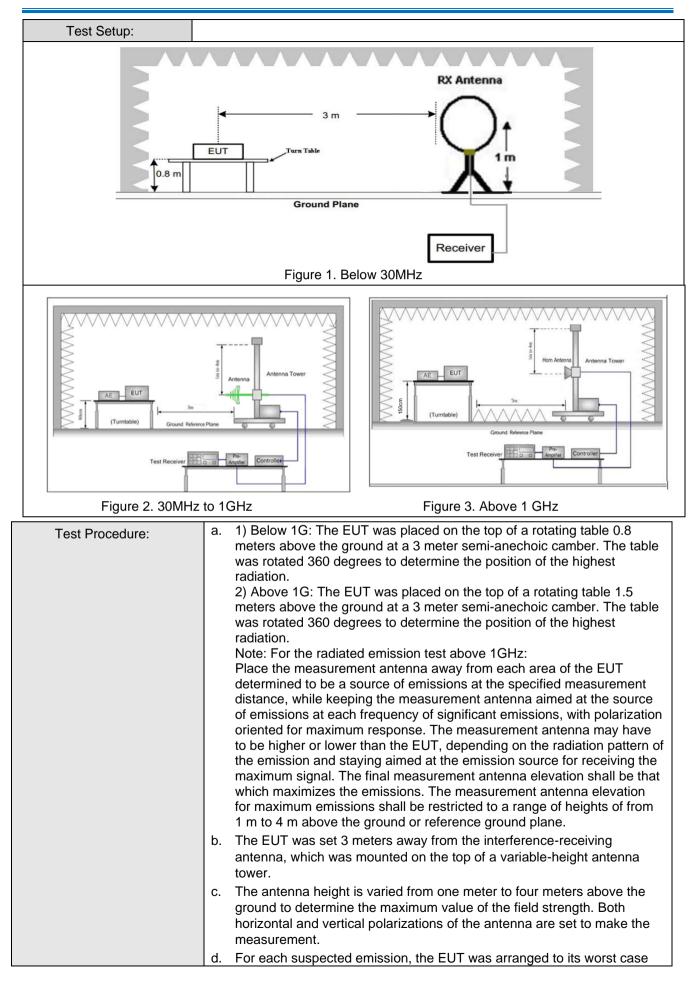
According to the Bluetooth Core specification, the Bluetooth system is designed not have the ability to coordinated with other FHSS System in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitter.



3.11 Radiated Spurious Linission & Restricted bands										
Test Requirement:	47 CFR Part 15C Secti	on 1	5.209 and 15.	.205						
Test Method:	ANSI C63.10: 2013									
Test Site:	Measurement Distance	: 3m	n (Semi-Anech	oic Cham	ber)					
Receiver Setup:	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				
	0.090MHz-0.110MH	z	Quasi-peak	10kHz	z 30kHz	Quasi-peak				
	0.110MHz-0.490MH	z	Peak	10kHz	z 30kHz	Peak				
	0.110MHz-0.490MH	z	Average	10kHz	z 30kHz	Average				
	0.490MHz -30MHz		Quasi-peak	10kHz	z 30kHz	Quasi-peak				
	30MHz-1GHz		Peak	100 kH	z 300kHz	Peak				
			Peak	1MHz	3MHz	Peak				
	Above 1GHz		Peak	1MHz	10Hz	Average				
Limit:	Frequency		eld strength crovolt/meter)	Limit (dBuV/m)	Remark	Measurement 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 peak emission lev	3 ab equi	ove the maxin pment under t	num perm est. This p	itted average	emission limit				

5.11 Radiated Spurious Emission & Restricted bands







	 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
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, 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

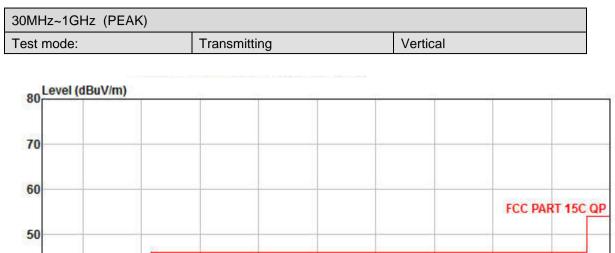
9kHz~30MHz (PEAK)		
Test mode:	Transmitting	Vertical

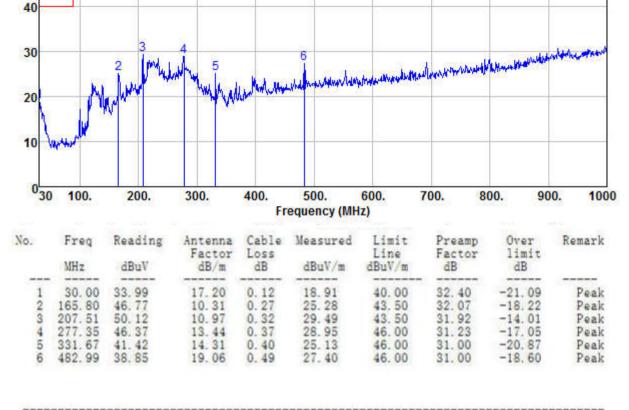
9kHz~30MHz Test result

The Low frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not report

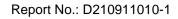


5.11.2 Radiated Emission below 1GHz

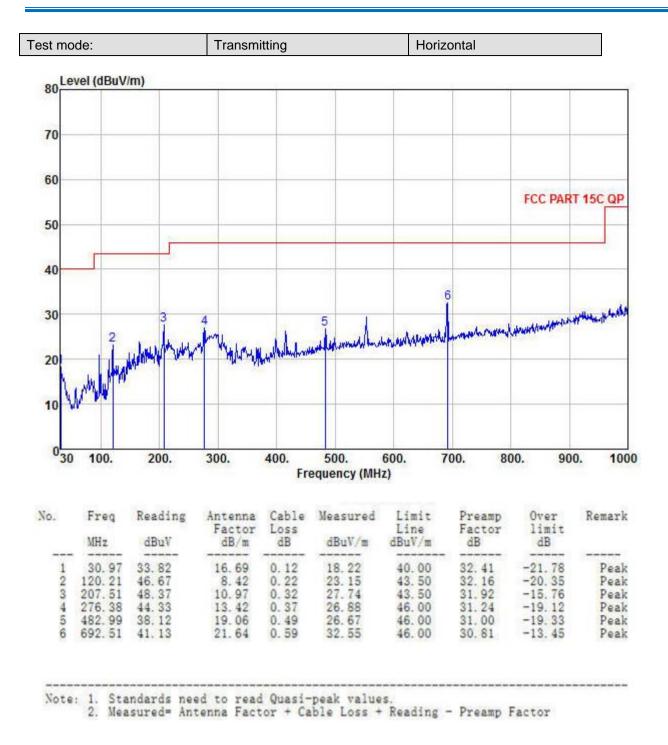




Note: 1. Standards need to read Quasi-peak values. 2. Measured= Antenna Factor + Cable Loss + Reading - Preamp Factor







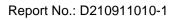


5.11.3 Transmitter Emission 1-26.5GHz

Worse case mode: GFSK(DH5) Test channel: Lowest

Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	H/V
4804	48.92	-5.18	43.74	74	-30.26	peak	Н
4804	37.51	-5.18	32.33	54	-21.67	AVG	Н
7206	48.54	-6.45	42.09	74	-31.91	peak	Н
7206	35.33	-6.45	28.88	54	-25.12	AVG	Н
4804	49.67	-5.18	44.49	74	-29.51	peak	V
4804	36.80	-5.18	31.62	54	-22.38	AVG	V
7206	48.90	-6.45	42.45	74	-31.55	peak	V
7206	36.23	-6.45	29.78	54	-24.22	AVG	V

Frequency (MHz)	Meter Reading (dBµV)	Factor (dB)	Emission Level (dBµV/m)	Limits (dBµV/m)	Over (dB)	. Detector Type	Ant. Pol. H/V
2390	48.38	-4.36	44.02	74	-29.98	peak	Н
2390	35.02	-4.36	30.66	54	-23.34	AVG	Н
2400	53.18	-4.36	48.82	74	-25.18	peak	н
2400	40.65	-4.36	36.29	54	-17.71	AVG	н
2390	45.70	-4.36	41.34	74	-32.66	peak	V
2390	34.72	-4.36	30.36	54	-23.64	AVG	V
2400	54.23	-4.36	49.87	74	-24.13	peak	V
2400	41.13	-4.36	36.77	54	-17.23	AVG	V





Worse case	mode:	GFSK(DH5)	Test channel: Mic		Middle		
Frequency	Meter Reading		Emission Level	Limits	Over	Detector	Ant. Pol.
(MHz)	(dBµV)) (dB)	(dBµV/m)	(dBµV/m	n) (dB)	Туре	H/V
4882	49.42	-5.19	44.23	74	-29.77	peak	Н
4882	36.09	-5.19	30.90	54	-23.10	AVG	Н
7323	48.39	-6.47	41.92	74	-32.08	peak	н
7323	36.54	-6.47	30.07	54	-23.93	AVG	н
4882	49.83	-5.19	44.64	74	-29.36	peak	V
4882	36.22	-5.19	31.03	54	-22.97	AVG	V
7323	49.14	-6.47	42.67	74	-31.33	peak	V
7323	36.09	-6.47	29.62	54	-24.38	AVG	V



Worse case mode:	Test channel:	Highest
	rest unannei.	riignest

Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	H/V
4960	49.27	-5.2	44.07	74	-29.93	peak	Н
4960	37.07	-5.2	31.87	54	-22.13	AVG	Н
7440	51.23	-6.47	44.76	74	-29.24	peak	н
7440	37.76	-6.47	31.29	54	-22.71	AVG	Н
4960	49.84	-5.2	44.64	74	-29.36	peak	V
4960	38.28	-5.2	33.08	54	-20.92	AVG	V
7440	51.05	-6.47	44.58	74	-29.42	peak	V
7440	37.59	-6.47	31.12	54	-22.88	AVG	V

Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	H/V
2483.5	59.65	-4.22	55.43	74	-18.57	peak	н
2483.5	47.30	-4.22	43.08	54	-10.92	AVG	Н
2483.5	61.32	-4.22	57.10	74	-16.90	peak	V
2483.5	45.98	-4.22	41.76	54	-12.24	AVG	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 Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low.



6 Photographs - EUT Test Setup

6.1 Radiated Emission

Below 1GHz:



Above 1GHz:





Conducted Emissions





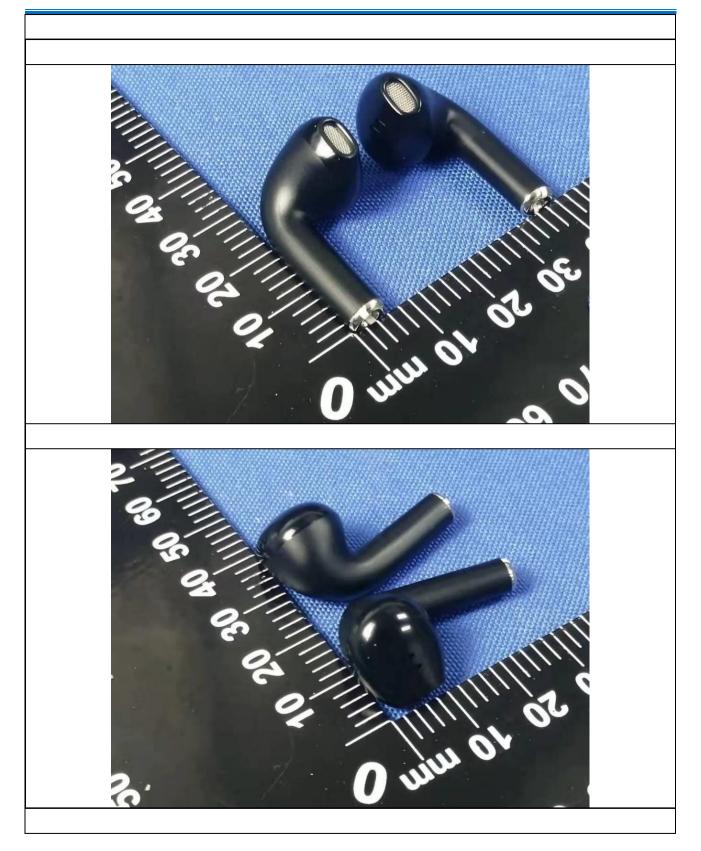
7 Photographs - EUT Constructional Details



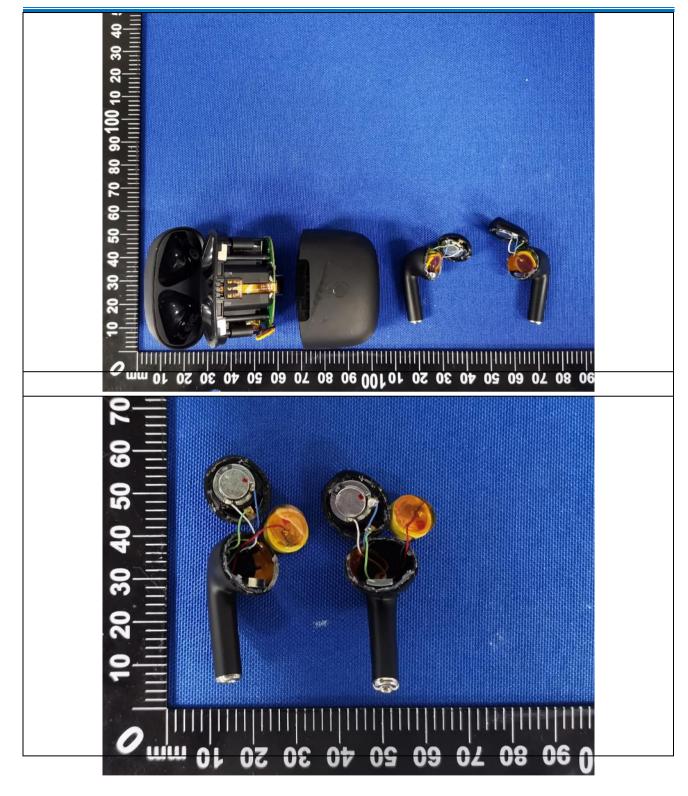








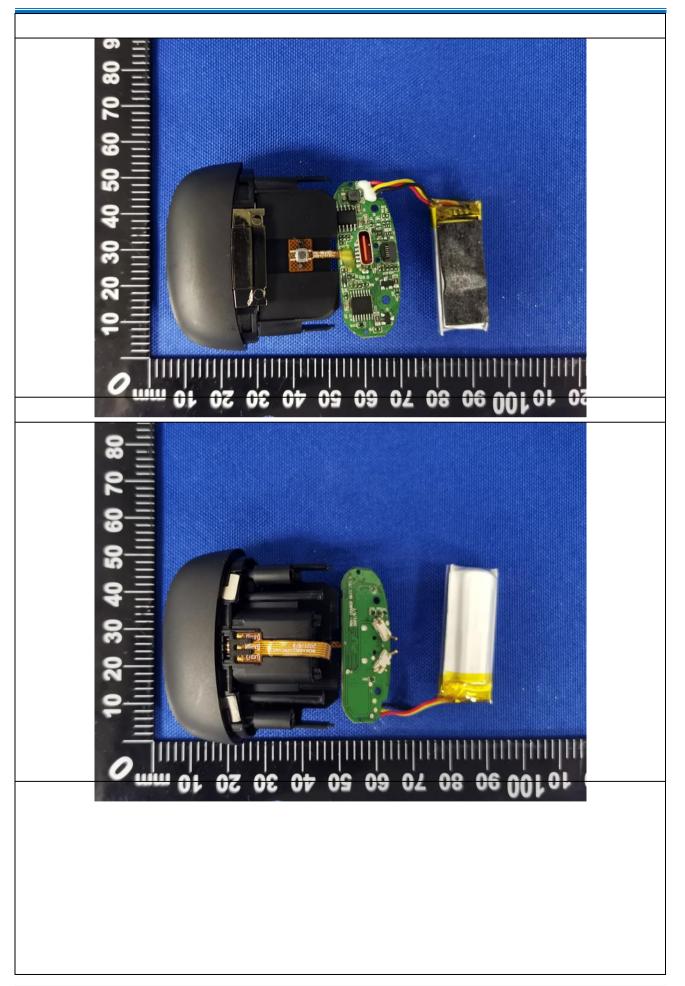






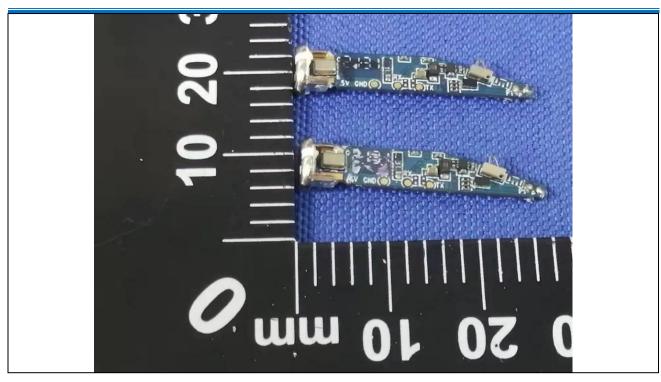
Report No.: D210911010-1

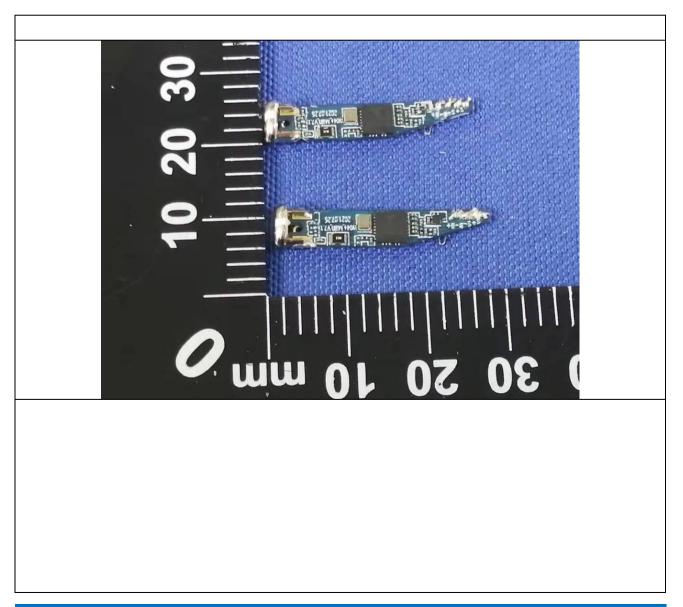






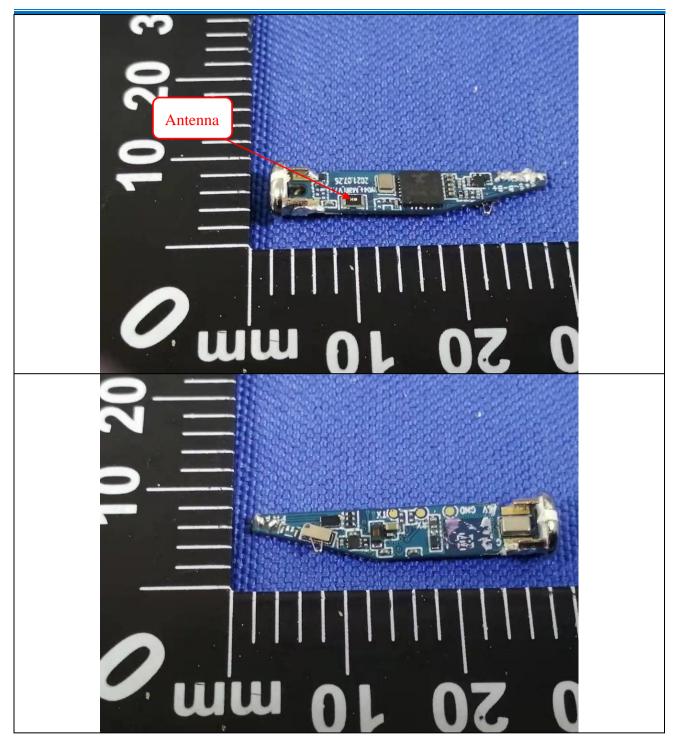
Report No.: D210911010-1







Report No.: D210911010-1



*** End of Report ***