



TEST REPORT

Product Trade mark Model/Type reference Serial Number Report Number FCC ID Date of Issue Test Standards Test result

- Blood Pressure Monitor
- ark : N/A pe reference : BP2V, BP2W mber : N/A umber : EED32O80001001 : 2ADXK-8622 Mar. 17, 2022
 - : Mar. 17, 2022
 - : 47 CFR Part 15 Subpart C

Prepared for:

PASS

Shenzhen Viatom Technology Co., Ltd. 4E, 3#, Tingwei Industrial Park, Honglang North 2nd Road, Baoan District, Shenzhen, China

Prepared by:

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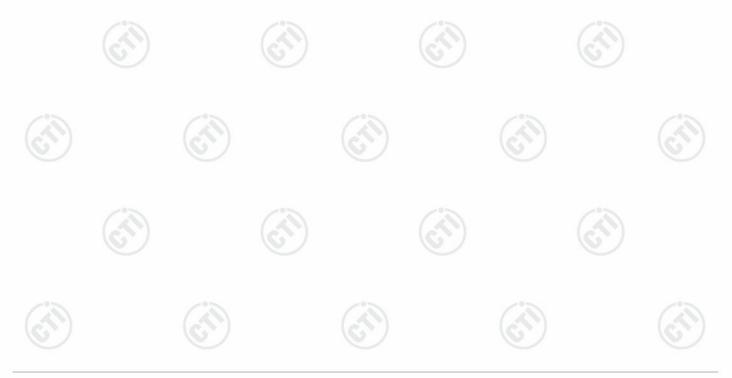
	Compiled by:	mark. chen	Reviewed by:	An	von Ma
Lim	Approved by:	David Wang	Date:	Mar	. 17, 2022
ENTRE TES		David Wang			Check No.:1037040122





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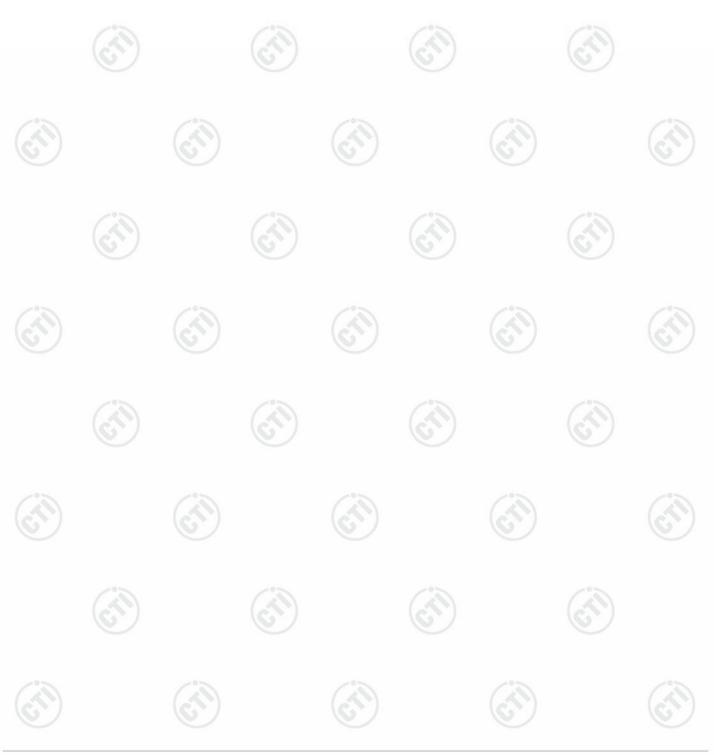
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3 Version

	Version No.	Date	Description	S
	00	Mar. 17, 2022	Original	
-	2	5	(D)	100
	(6	S) (c	(2) (2)	6





et Summarv





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4	a Test Summary		
	Test Item	Test Requirement	Result
	AC Power Line Conducted Emission	47 CFR Part 15 Subpart C Section 15.207	N/A
10	DTS Bandwidth	47 CFR Part 15 Subpart C Section 15.247 (a)(2)	PASS
_	Maximum Conducted Output Power	47 CFR Part 15 Subpart C Section 15.247 (b)(3)	PASS
	Maximum Power Spectral Density	47 CFR Part 15 Subpart C Section 15.247 (e)	PASS
	Band Edge Measurements	47 CFR Part 15 Subpart C Section 15.247(d)	PASS
3	Conducted Spurious Emissions	47 CFR Part 15 Subpart C Section 15.247(d)	PASS
2	Radiated Spurious Emission & Restricted bands	47 CFR Part 15 Subpart C Section 15.205/15.209	PASS

Remark:

Company Name and Address shown on Report, the sample(s) and sample Information were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified. Model No.: BP2V, BP2W.

Only the model BP2V was tested, the only one difference between BP2V and BP2W is the enclousure colour, BP2V is White, while BP2W is darkgreen.





General Information 5

5.1 Client Information

Applicant:	Shenzhen Viatom Technology Co., Ltd.
Address of Applicant:	4E, 3#, Tingwei Industrial Park, Honglang North 2nd Road, Baoan District,
	Shenzhen, China
Manufacturer:	Shenzhen Viatom Technology Co., Ltd.
Address of Manufacturer:	501, Building B, Ganghongji High-tech Intelligent Industrial Park, No.1008
	Songbai Road, Xili Street, Nanshan District, 518055 Shenzhen, China
Factory:	Shenzhen Viatom Technology Co., Ltd.
Address of Factory:	501, Building B, Ganghongji High-tech Intelligent Industrial Park, No.1008
	Songbai Road, Xili Street, Nanshan District, 518055 Shenzhen, China

5.2 General Description of EUT

Product Name:	Blood Pressure Monitor				
Model No.:	BP2V, BP2W				(3)
Test Model No.:	BP2V		(\mathcal{O})		(\mathcal{O})
Trade mark:	N/A		\smile		
Product Type:	Portable				
Test Software of EUT:	NRFgo	1			
Operation Frequency:	2402MHz~2480MHz	(\mathcal{C})		(\mathcal{C})	
Modulation Type:	GFSK			J	
Transfer Rate:	1Mbps				
Number of Channel:	40		23		1.5
Antenna Type:	Chip Antenna				
Antenna Gain:	3.53 dBi		V		
Test Voltage:	DC 3.7V				
Power Supply:	Battery DC 3.7V, 580mAh	- 0.00		- 0.0	
Sample Received Date:	Jan. 05, 2022				
Sample tested Date:	Jan. 05, 2022 to Jan. 20, 20	22		(U)	



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Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
2	2406MHz	12	2426MHz	22	2446MHz	32	2466MHz
3	2408MHz	13	2428MHz	23	2448MHz	33	2468MHz
4	2410MHz	14	2430MHz	24	2450MHz	34	2470MHz
5	2412MHz	15	2432MHz	25	2452MHz	35	2472MHz
6	2414MHz	16	2434MHz	26	2454MHz	36	2474MHz
7	2416MHz	17	2436MHz	27	2456MHz	37	2476MHz
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel (CH0)	2402MHz
The middle channel (CH19)	2440MHz
The highest channel (CH39)	2480MHz

5.3 Test Configuration

Software:	NRFgo(ma	nufacturer declare)		
EUT Power Grade:	Class2 (Po selected)	wer level is built-in s	set parameters and c	annot be changed and
Use test software to transmitting of the E	set the lowest frequenc UT	y, the middle freque	ncy and the highest f	requency keep
Test Mode	Modulation	Rate	Channel	Frequency(MHz)
Mode a	GFSK	1Mbps	CH0	2402
Mode b	GFSK	1Mbps	CH19	2440
Mode c	GFSK	1Mbps	CH39	2480







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5.4 Test Environment

	Operating Environment	::					
	Radiated Spurious Emi	ssions:					
2	Temperature:	22~25.0 °C	(2)		(2)		(A)
	Humidity:	50~55 % RH	e la		C		C
	Atmospheric Pressure:	1010mbar					
	RF Conducted:						
	Temperature:	22~25.0 °C				(in)	
	Humidity:	50~55 % RH		(\mathcal{O})		(\mathcal{O})	
	Atmospheric Pressure:	1010mbar					

5.5 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacture	model	Supplie d by	Certification
Notebook	DELL	Latitude 3490	CTI	FCC&CE

5.6 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 3368385

No tests were sub-contracted.

FCC Designation No.: CN1164

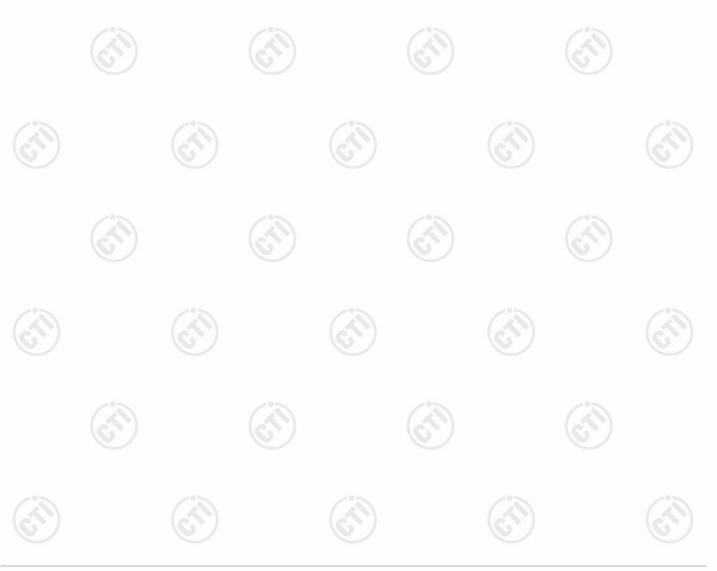




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5.7 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9 x 10 ⁻⁸
2		0.46dB (30MHz-1GHz)
2	RF power, conducted	0.55dB (1GHz-40GHz)
		3.3dB (9kHz-30MHz)
3	Dedicted Sourious emission test	4.3dB (30MHz-1GHz)
3	Radiated Spurious emission test	4.5dB (1GHz-18GHz)
a	(A)	3.4dB (18GHz-40GHz)
5	Conduction emission	3.5dB (9kHz to 150kHz)
4	Conduction emission	3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%





6 Equipment List

		RF test	system			
Equipment	Manufacturer	Mode No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)	
Spectrum Analyzer	Keysight	N9010A	MY54510339	12-24-2021	12-23-2022	
Signal Generator	Keysight	N5182B	MY53051549	12-24-2021	12-23-2022	
Signal Generator	Agilent	N5181A	MY46240094	12-24-2021	12-23-2022	
Temperature/ Humidity Indicator			1804186	06-24-2021	06-23-2022	
DC Power	Keysight	E3642A	MY56376072	12-24-2021	12-23-2022 12-23-2022 12-23-2022 08-03-2022 12-23-2022	
Power unit	R&S	OSP120	101374	12-24-2021		
RF control unit	JS Tonscend	JS0806-2	158060006	12-24-2021		
Communication test set	R&S	CMW500	120765	08-04-2021		
high-low temperature test chamber	DongGuangQi nZhuo	LK-80GA	QZ20150611 879	12-24-2021		
BT&WI-FI Automatic test software	JS Tonscend	JS1120-3		- 6	- A	

		3M Semi/full-anec	hoic Chamber			
Equipment	Manufacturer	Model No.	Serial Number	Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)	
3M Chamber & Accessory Equipment	ток	SAC-3		05-24-2019	05-23-2022	
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-618	05-16-2021	05-15-2022	
Receiver	R&S	ESCI7	100938-003	10-14-2021	10-13-2022	
Multi device Controller	maturo	NCD/070/10711 112	$(\underline{\mathcal{S}})$	(5)	
Horn Antenna	ETS- LINGREN	BBHA 9120D	9120D-1869	04-15-2021	04-14-2024	
Spectrum Analyzer	R&S	FSP40	100416	04-29-2021	04-28-2022	
Microwave Preamplifier	Agilent	8449B	3008A02425	06-23-2021	06-22-2022	







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		3M full-anechoi	c Chamber			
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)	
RSE Automatic test software	JS Tonscend	JS36-RSE	10166			
Receiver	Keysight	N9038A	MY57290136	03-04-2021 03-01-2022	03-03-2022 02-28-2023	
Spectrum Analyzer	Keysight	N9020B	MY57111112	03-04-2021 02-23-2022	03-03-2022 02-22-2023	
Spectrum Analyzer	Keysight	N9030B	MY57140871	03-04-2021 02-23-2022	03-03-2022 02-22-2023	
TRILOG Broadband Schwarzbeck Antenna		VULB 9163	9163-1148	04-28-2021	04-27-2024	
Horn Antenna	Schwarzbeck	BBHA 9170	9170-832	04-15-2021	04-14-2024	
Horn Antenna	ETS-LINDGREN	3117	57407	07-04-2021	07-03-2024	
Preamplifier	EMCI	EMC184055SE	980597	05-20-2021	05-19-2022	
Preamplifier	EMCI	EMC001330	980563	04-15-2021	04-14-2022	
Preamplifier JS Tonscend		980380	EMC051845SE	12-24-2021	12-23-2022	
Communication test set	R&S	CMW500	102898	12-24-2021	12-23-2022	
Temperature/ Humidity Indicator	biaozhi	GM1360	EE1186631	04-16-2021	04-15-2022 01-08-2024	
Fully Anechoic Chamber	TDK	FAC-3		01-09-2021		
Cable line	Times	SFT205-NMSM-2.50M	394812-0001		- 7	
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	(\mathbf{C})		
Cable line	Times	SFT205-NMSM-2.50M	394812-0003			
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	- (<u> </u>	
Cable line	Times	EMC104-NMNM-1000	SN160710	(9	
Cable line	Times	SFT205-NMSM-3.00M	394813-0001			
Cable line	Times	SFT205-NMNM-1.50M	381964-0001		- 6	
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	(\mathbf{C})	@	
Cable line	Times	HF160-KMKM-3.00M	393493-0001			







7 Test results and Measurement Data

7.1 Antenna Requirement

Standard requirement: 47 CFR Part 15C Section 15.203 /247(c)

15.203 requirement:

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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:	Please see Internal photos
The antenna is Chin Antenn	a The best case gain of the antenna is 3 53 dBi



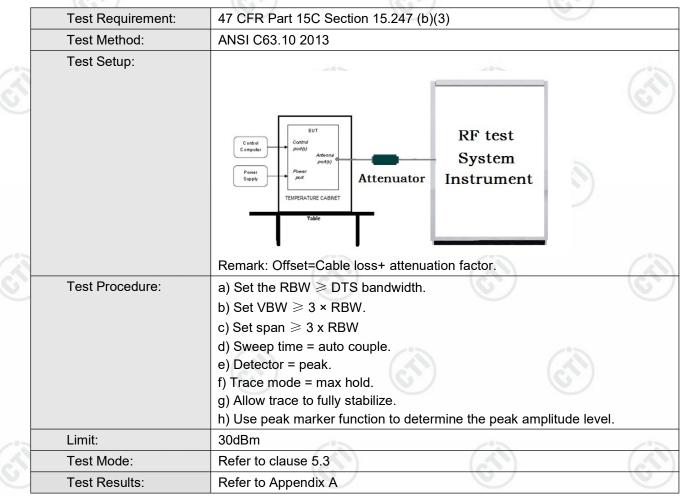






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7.2 Maximum Conducted Output Power



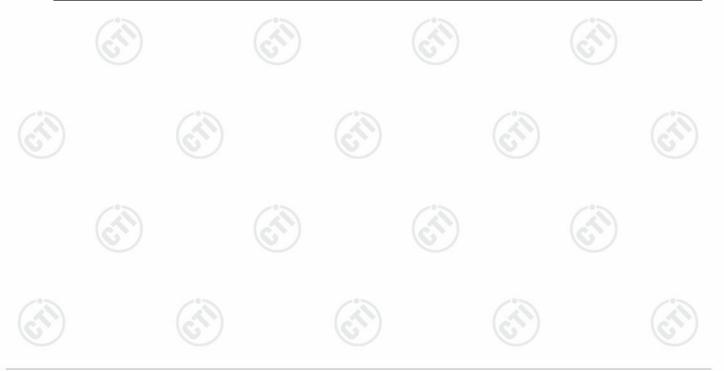






7.3 DTS Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(2)
Test Method:	ANSI C63.10 2013
Test Setup:	
	Control Computer Computer Power Supply TemPERature CABNET Table
	Remark: Offset=Cable loss+ attenuation factor.
Test Procedure:	 a) Set RBW = 100 kHz. b) Set the VBW ≥[3 × RBW]. c) Detector = peak. d) Trace mode = max hold. e) Sweep = auto couple. f) Allow the trace to stabilize. g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
Limit:	≥ 500 kHz
Test Mode:	Refer to clause 5.3
Test Results:	Refer to Appendix A



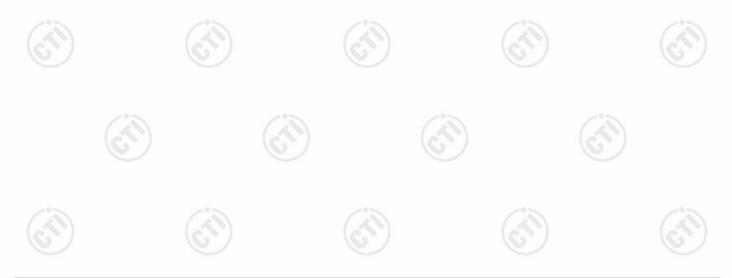




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7.4 Maximum Power Spectral Density

	Test Requirement:	47 CFR Part 15C Section 15.247 (e)
	Test Method:	ANSI C63.10 2013
000	Test Setup:	
		Control Computer Computer Power Supply Table RF test System Instrument
		Remark: Offset=Cable loss+ attenuation factor.
	Test Procedure:	 a) Set analyzer center frequency to DTS channel center frequency. b) Set the span to 1.5 times the DTS bandwidth. c) Set the RBW to 3 kHz < RBW < 100 kHz. d) Set the VBW > [3 × RBW]. e) Detector = peak. f) Sweep time = auto couple. g) Trace mode = max hold. h) Allow trace to fully stabilize. i) Use the peak marker function to determine the maximum amplitude level within the RBW. j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.
	Limit:	≤8.00dBm/3kHz
	Test Mode:	Refer to clause 5.3
	Test Results:	Refer to Appendix A

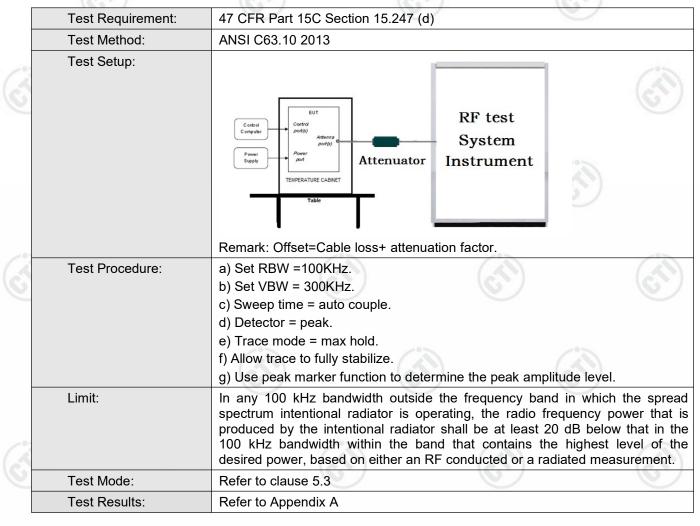






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7.5 Band Edge measurements and Conducted Spurious Emission









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7.6 Radiated Spurious Emission & Restricted bands

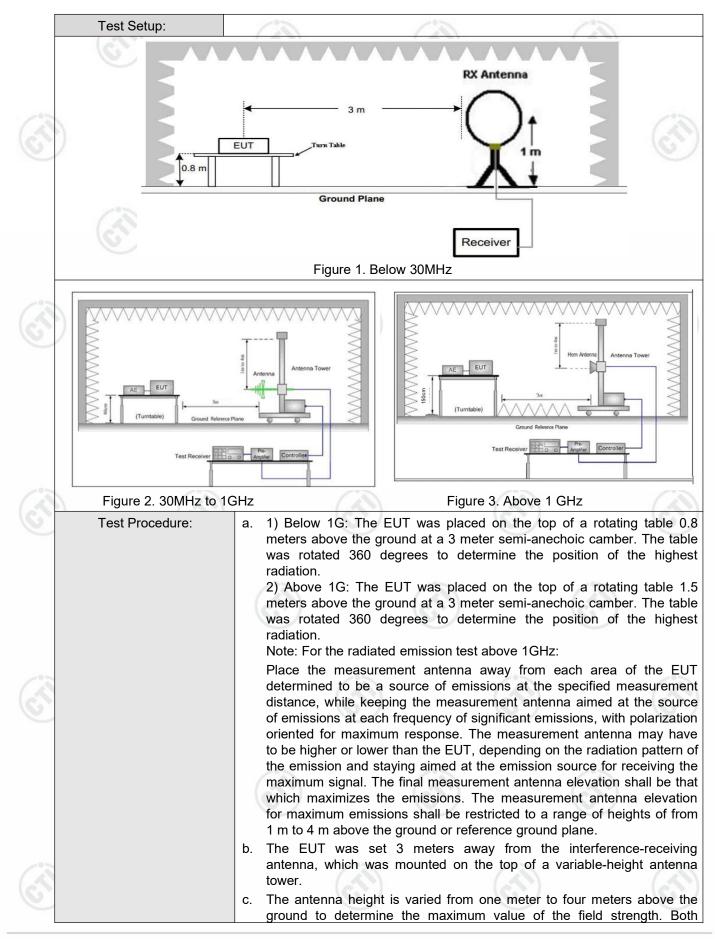
	Test Requirement:	47 CFR Part 15C Secti	on 1	15.209 and 15	.205		e			
	Test Method:	ANSI C63.10 2013								
-	Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)								
	Receiver Setup:	Frequency	1	Detector	RBW	6	VBW	Remark		
(U)		0.009MHz-0.090MH	z Peak		10kHz	z	30kHz	Peak		
		0.009MHz-0.090MH	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	10kH	z	30kHz	Quasi-peak		
		30MHz-1GHz	-	Quasi-peak	100 kH	Ιz	300kHz	Quasi-peak		
13			2	Peak	1MHz	1MHz		Peak		
S I		Above 1GHz		Peak	1MHz	z	10kHz	Average		
	Limit:	Frequency		eld strength crovolt/meter)	Limit (dBuV/m)		Remark	Measuremer distance (m		
		0.009MHz-0.490MHz	2	400/F(kHz)	-	- ~~>		300		
		0.490MHz-1.705MHz	24	4000/F(kHz)	-			30		
		1.705MHz-30MHz		30	-	<u> </u>		30		
		30MHz-88MHz		100	40.0	G	uasi-peak	3		
- 10-		88MHz-216MHz		150	43.5	G	uasi-peak	3		
		216MHz-960MHz	-	200	46.0	G	uasi-peak	3		
(U)		960MHz-1GHz)	500	54.0	G	uasi-peak	3		
		Above 1GHz		500	54.0		Average	3		
		Note: 15.35(b), frequency emissions is limit applicable to the e peak emission level rac	20c quip	dB above the oment under t	maximum est. This p	ре	rmitted av	erage emissior		







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CTI华测检测

Report No. : EED32O80001001

	Test Results:	Pass
	Test Mode:	Refer to clause 5.3
		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.
		 g. Test the EUT in the lowest channel (2402MHz),the middle channe (2440MHz),the Highest channel (2480MHz) h. The radiation measurements are performed in X, Y, Z axis positioning
		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.
3		 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.
		 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













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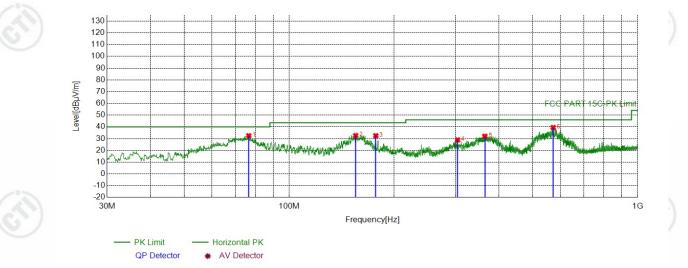
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Report No. : EED32O80001001

Radiated Spurious Emission below 1GHz:

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes, only the worst case highest channel of GFSK 1M was recorded in the report.

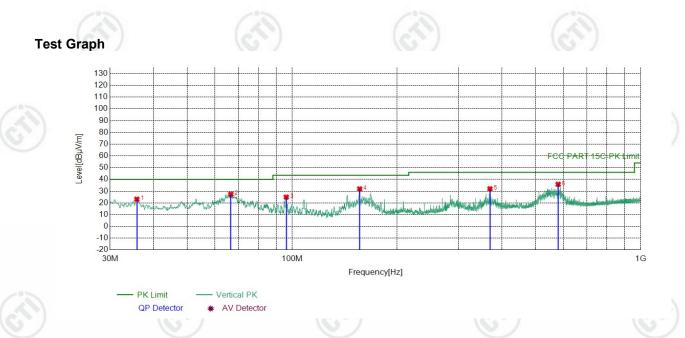
Test Graph



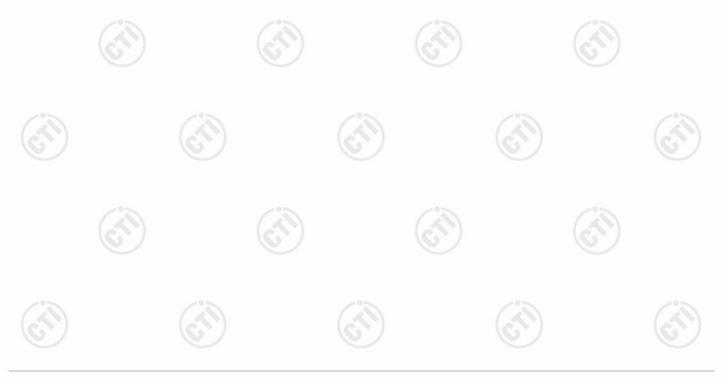
	Suspec	cted List	_							
	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
	1	76.5647	-21.96	54.46	32.50	40.00	7.50	PASS	Horizontal	PK
2	2	155.1425	-21.39	54.02	32.63	43.50	10.87	PASS	Horizontal	PK
5	3	177.2607	-19.99	52.50	32.51	43.50	10.99	PASS	Horizontal	PK
~	4	304.3434	-15.31	44.23	28.92	46.00	17.08	PASS	Horizontal	PK
	5	364.3924	-13.69	45.78	32.09	46.00	13.91	PASS	Horizontal	PK
	6	572.2842	-9.24	48.73	39.49	46.00	6.51	PASS	Horizontal	PK







	Suspec	cted List								
	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
ĺ	1	35.8206	-19.35	42.56	23.21	40.00	16.79	PASS	Vertical	PK
	2	66.6697	-20.03	47.39	27.36	40.00	12.64	PASS	Vertical	PK
ĺ	3	96.1606	-19.07	44.03	24.96	43.50	18.54	PASS	Vertical	PK
6.7	4	156.2096	-21.34	53.26	31.92	43.50	11.58	PASS	Vertical	PK
	5	369.5340	-13.55	45.57	32.02	46.00	13.98	PASS	Vertical	PK
	6	579.8510	-9.09	44.97	35.88	46.00	10.12	PASS	Vertical	PK







Radiated Spurious Emission above 1GHz:

							1				
	Mode:			BLE GFSK Tra	nsmitting	Channel:		2402 MHz			
3	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark	
	1	1205.0205	0.81	42.92	43.73	74.00	30.27	Pass	Н	PK	
	2	1564.6565	2.00	41.84	43.84	74.00	30.16	Pass	Н	PK	
	3	4804.1203	-16.23	63.15	46.92	74.00	27.08	Pass	Н	PK	
	4	7205.2804	-11.83	64.05	52.22	74.00	21.78	Pass	Н	PK	
	5	9791.4528	-7.41	50.68	43.27	74.00	30.73	Pass	Н	PK	
	6	13745.7164	-1.71	49.86	48.15	74.00	25.85	Pass	Н	PK	
	7	1337.8338	1.18	41.69	42.87	74.00	31.13	Pass	Н	PK	
	8	1683.6684	2.83	41.50	44.33	74.00	29.67	Pass	V	PK	
2	9	4257.0838	-17.57	68.18	50.61	74.00	23.39	Pass	V	PK	
	10	4803.1202	-16.23	62.01	45.78	74.00	28.22	Pass	V	PK	
1	11	7205.2804	-11.83	66.59	54.76	74.00	19.24	Pass	V	PK	
	12	7206.2804	-11.83	57.30	45.47	54.00	8.53	Pass	V	PK	
	13	11258.5506	-6.55	52.26	45.71	74.00	28.29	Pass	V	PK	
									affective second		

r												
	Mode:			BLE GFSK	Trans	smitting		Channel:		2440 MHz	2	
	NO	Freq. [MHz]	Facto [dB]	Deedin		Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark	
3	1	1321.6322	1.13	41.68	3	42.81	74.00	31.19	Pass	Н	PK	
	2	1838.0838	3.57	41.03	3	44.60	74.00	29.40	Pass	Н	PK	
-	3	4880.1253	-16.2	1 63.05	5	46.84	74.00	27.16	Pass	Н	PK	
	4	7319.2880	-11.6	6 63.77	7	52.11	74.00	21.89	Pass	Н	PK	
	5	9933.4622	-7.12	2 50.25	5	43.13	74.00	30.87	Pass	Н	PK	
	6	14368.7579	0.70) 48.1 ⁻	1	48.81	74.00	25.19	Pass	Н	PK	
	7	1075.4075	0.87	42.86	3	43.73	74.00	30.27	Pass	Н	PK	
	8	1752.2752	3.12	2 41.79)	44.91	74.00	29.09	Pass	V	PK	
	9	4879.1253	-16.2	1 61.84	1	45.63	74.00	28.37	Pass	V	PK	
12	10	7319.2880	-11.6	6 65.09)	53.43	74.00	20.57	Pass	V	PK	
	11	9337.4225	-7.96	50.99)	43.03	74.00	30.97	Pass	V	PK	
	12	14395.7597	1.15	6 47.46	6	48.61	74.00	25.39	Pass	V	PK	













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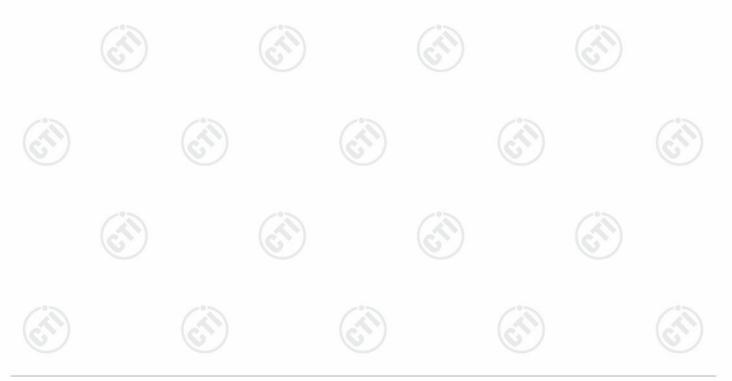
		205		1.20%		10%			0	
	Mode:			BLE GFSK Trai	Channel:		2480 MHz			
	NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
	1	1252.6253	0.94	42.80	43.74	74.00	30.26	Pass	н	PK
	2	1872.2872	3.82	41.24	45.06	74.00	28.94	Pass	Н	PK
	3	4960.1307	-15.97	62.32	46.35	74.00	27.65	Pass	Н	PK
	4	7439.2960	-11.34	64.94	53.60	74.00	20.40	Pass	Н	PK
	5	9801.4534	-7.38	50.88	43.50	74.00	30.50	Pass	Н	PK
ſ	6	14367.7579	0.68	49.64	50.32	74.00	23.68	Pass	Н	PK
[7	1193.4193	0.80	42.35	43.15	74.00	30.85	Pass	Н	PK
	8	1781.4781	3.22	40.91	44.13	74.00	29.87	Pass	V	PK
ſ	9	4960.1307	-15.97	61.99	46.02	74.00	27.98	Pass	V	PK
	10	7440.2960	-11.34	66.15	54.81	74.00	19.19	Pass	V	PK
3	11	7441.2961	-11.34	55.05	43.71	54.00	10.29	Pass	V	PK
	12	9169.4113	-8.13	52.19	44.06	74.00	29.94	Pass	V	PK
-	13	13687.7125	-1.75	49.82	48.07	74.00	25.93	Pass	V	PK

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.

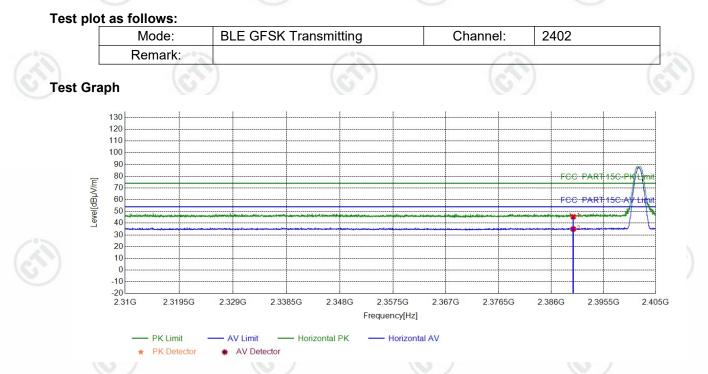




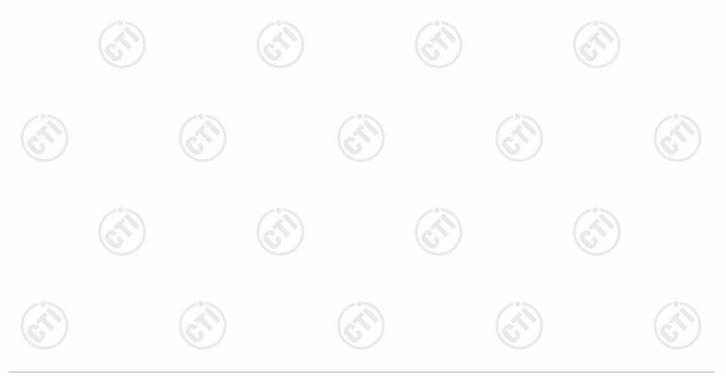


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Restricted bands:

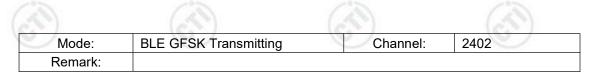


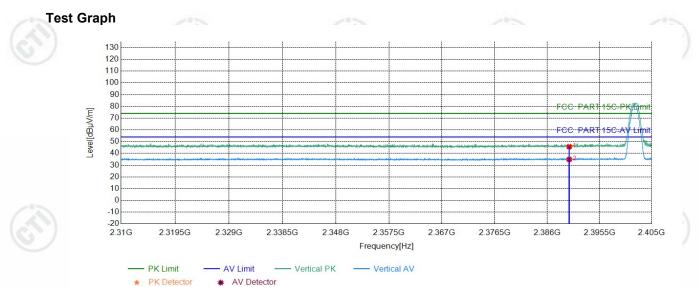
	Suspe	cted List								
(3	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
G	1	2390.0000	5.77	39.69	45.46	74.00	28.54	PASS	Horizontal	PK
	2	2390.0000	5.77	29.23	35.00	54.00	19.00	PASS	Horizontal	AV





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Suspe	ected List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2390.0000	5.77	39.93	45.70	74.00	28.30	PASS	Vertical	PK
2	2390.0000	5.77	29.11	34.88	54.00	19.12	PASS	Vertical	AV
1		GT /		67			27		GT













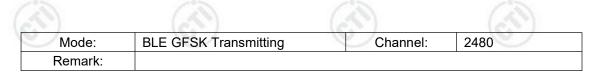








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NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5000	6.57	40.56	47.13	74.00	26.87	PASS	Horizontal	PK
2	2483.5000	6.57	29.07	35.64	54.00	18.36	PASS	Horizontal	AV















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