

GIObal United Technology Services Co., Ltd.

Report No.: GTS202004000150F02

TEST REPORT

Applicant:	Coros Wearables Inc.		
Address of Applicant:	14511 FRANKLIN AVENUE SUITE 220, TUSTIN, CA 92780, United States		
Manufacturer/Factory:	Guangdong COROS Sports Technology Co.,Ltd		
Address of Manufacturer/Factory:	No. 18, Gongyedong Road, Songshan Lake Hi-Tech Industrial Park, Dongguan, Guangdong Province, 523808, China		
Equipment Under Test (E	EUT)		
Product Name:	PACE 2		
Model No.:	B18		
Trade Mark:	COROS		
FCC ID:	2AEHH-B18		
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247		
Date of sample receipt:	April 22, 2020		
Date of Test:	April 22-26, 2020		
Date of report issued:	April 26, 2020		
Test Result :	PASS *		

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Robinson Lo Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



2 Version

Version No.	Date	Description
00	April 26, 2020	Original

Prepared By:

hantlu

Date:

April 26, 2020

April 26, 2020

Project Engineer

Check By:

Date: Tinson

Reviewer



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4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	Pass
Conducted Output Power	15.247 (b)(3)	Pass
Channel Bandwidth	15.247 (a)(2)	Pass
Power Spectral Density	15.247 (e)	Pass
Band Edge	15.247(d)	Pass
Spurious Emission	15.205/15.209	Pass

Remarks:

- 1. Pass: The EUT complies with the essential requirements in the standard.
- 2. N/A: Not applicable.
- 3. Test according to ANSI C63.10:2013

Measurement Uncertainty

Test Item	Frequency Range Measurement Uncertainty			Frequency Range Measurement Uncertainty		Notes
Radiated Emission	Radiated Emission 30MHz-200MHz 3.8039dB					
Radiated Emission 200MHz-1GHz 3.9679dB			(1)			
Radiated Emission1GHz-18GHz4.29dBRadiated Emission18GHz-40GHz3.30dB		(1)				
		(1)				
AC Power Line Conducted 0.15MHz ~ 30MHz 3.44dB						
Note (1): The measurement unce	ertainty is for coverage factor of k	=2 and a level of confidence of s	95%.			



5 General Information

5.1 General Description of EUT

Product Name:	PACE 2
Model No.:	B18
Test sample(s) ID:	GTS202004000150-1
Sample(s) Status:	Engineer sample
Serial No.:	067F76
Hardware version:	V1.00
Software version:	V2.20.0403
Operation Frequency:	2457MHz
Channel Numbers:	1
Modulation Type:	GFSK
Antenna Type:	PIFI Antenna
Antenna Gain:	-6.01dBi(Declared by applicant)
Power Supply:	Rechargeable battery DC3.85V 220mAh 0.85Wh



5.2 Test mode

Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just	Transmitting mode	Keep the EUT in continuously transmitting mode
shows that condition's data.	voltage, and found that th	e worst case was under the nominal rated supply condition. So the report just

5.3 Description of Support Units

Manufacturer	Description	Model	Serial Number
APPLE	USB Charger	A1399	N/A

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

None.

5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• FCC — Registration No.: 381383

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 381383.

• IC — Registration No.: 9079A

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A

• NVLAP (LAB CODE:600179-0)

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). LAB CODE:600179-0

5.7 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd. Address: No. 123- 128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Tel: 0755-27798480 Fax: 0755-27798960

5.8 Additional Instructions

Test Software	nRFgo Studio
Version	1.21.2.10
Power level setup	Default



6 Test Instruments list

Rad	Radiated Emission:						
ltem	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 03 2015	July. 02 2020	
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A	
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 26 2019	June. 25 2020	
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 26 2019	June. 25 2020	
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 26 2019	June. 25 2020	
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 26 2019	June. 25 2020	
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	
8	Coaxial Cable	GTS	N/A	GTS213	June. 26 2019	June. 25 2020	
9	Coaxial Cable	GTS	N/A	GTS211	June. 26 2019	June. 25 2020	
10	Coaxial cable	GTS	N/A	GTS210	June. 26 2019	June. 25 2020	
11	Coaxial Cable	GTS	N/A	GTS212	June. 26 2019	June. 25 2020	
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 26 2019	June. 25 2020	
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 26 2019	June. 25 2020	
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 26 2019	June. 25 2020	
15	Band filter	Amindeon	82346	GTS219	June. 26 2019	June. 25 2020	
16	Power Meter	Anritsu	ML2495A	GTS540	June. 26 2019	June. 25 2020	
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 26 2019	June. 25 2020	
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 26 2019	June. 25 2020	
19	Splitter	Agilent	11636B	GTS237	June. 26 2019	June. 25 2020	
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 26 2019	June. 25 2020	
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 19 2019	Oct. 18 2020	
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 19 2019	Oct. 18 2020	
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 19 2019	Oct. 18 2020	
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 26 2019	June. 25 2020	



Con	Conducted Emission						
ltem	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	May.15 2019	May.14 2022	
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 26 2019	June. 25 2020	
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June. 26 2019	June. 25 2020	
4	ENV216 2-L-V- NETZNACHB.DE	ROHDE&SCHWARZ	ENV216	GTS226	June. 26 2019	June. 25 2020	
5	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A	
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	
7	Thermo meter	КТЈ	TA328	GTS233	June. 26 2019	June. 25 2020	
8	Absorbing clamp	Elektronik- Feinmechanik	MDS21	GTS229	June. 26 2019	June. 25 2020	
9	ISN	SCHWARZBECK	NTFM 8158	GTD565	June. 26 2019	June. 25 2020	

RF C	RF Conducted Test:						
ltem	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	June. 26 2019	June. 25 2020	
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 26 2019	June. 25 2020	
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June. 26 2019	June. 25 2020	
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	June. 26 2019	June. 25 2020	
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	June. 26 2019	June. 25 2020	
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	June. 26 2019	June. 25 2020	
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	June. 26 2019	June. 25 2020	
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	June. 26 2019	June. 25 2020	

Gene	General used equipment:							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)		
1	Humidity/ Temperature Indicator	КТЈ	TA328	GTS243	June. 26 2019	June. 25 2020		
2	Barometer	ChangChun	DYM3	GTS255	June. 26 2019	June. 25 2020		



7 Test results and Measurement Data

7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203 /247(c)				
15.203 requirement:					
responsible party shall be us antenna that uses a unique	be designed to ensure that no antenna other than that furnished by the sed with the device. The use of a permanently attached antenna or of an coupling to the intentional radiator, the manufacturer may design the unit n be replaced by the user, but the use of a standard antenna jack or bited.				
15.247(c) (1)(i) requiremen	t:				
operations may employ trans	2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point smitting antennas with directional gain greater than 6dBi provided the power of the intentional radiator is reduced by 1 dB for every 3 dB that the na exceeds 6dBi.				
E.U.T Antenna:					
	The antenna is PIFI antenna, the best case gain of the antenna is -6.01dBi, reference to the appendix II for details.				

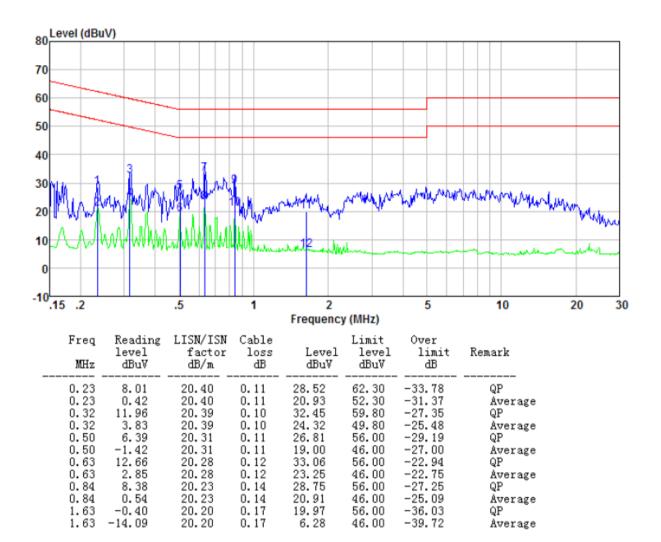


7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207	,			
Test Method:	ANSI C63.10:2013				
Test Frequency Range:	150KHz to 30MHz				
Class / Severity:	Class B				
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto				
Limit:		Limit	(dBuV)		
	Frequency range (MHz)	Quasi-peak	Average		
	0.15-0.5	66 to 56*	56 to 46*		
	0.5-5	56	46		
	5-30 * Decreases with the logarithm	60	50		
Test setup:	Reference Plane				
Test procedure:	Inc: Image: Constraint of the sector of				
	 50ohm/50uH coupling imperation in the series of the series	also connected to th n/50uH coupling imp o the block diagram checked for maximus d the maximum emis I all of the interface c	me main power through a edance with 50ohm of the test setup and m conducted sion, the relative ables must be changed		
Test Instruments:	Refer to section 6.0 for details				
Test mode:	Refer to section 5.2 for details				
Test environment:	Temp.: 25 °C Hun		Press.: 1012mbar		
Test voltage:	AC 120V, 60Hz	I			
Test results:	Pass				
	1 400				

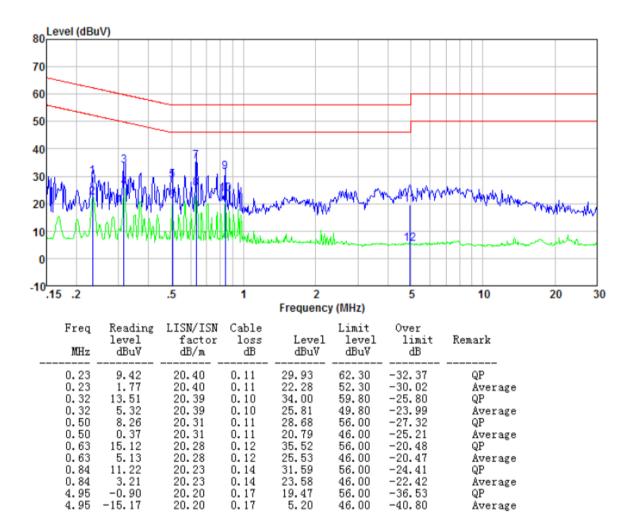


Measurement data Line:





Neutral:



Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss
- 4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.



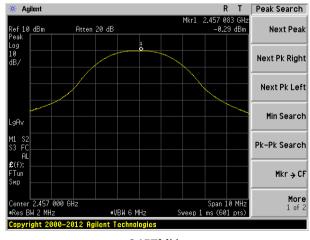
7.3 Conducted Output Power

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance v05or02
Limit:	30dBm
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

Test Frequency	Peak Output Power (dBm)	Limit(dBm)	Result
2457MHz	-0.29	30.00	Pass

Test plot as follows:



2457MHz



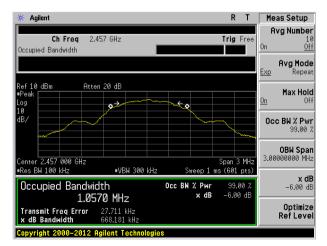
7.4 Channel Bandwidth

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance v05or02
Limit:	>500KHz
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

Test Frequency	Channel Bandwidth (MHz)	Limit(KHz)	Result
2457MHz	0.668	>500	Pass

Test plot as follows:







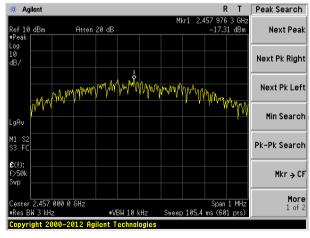
7.5 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance v05or02
Limit:	8dBm/3kHz
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

Test Frequency	Power Spectral Density (dBm/3kHz)	Limit(dBm/3kHz)	Result
2457MHz	-17.31	8.00	Pass

Test plot as follows:





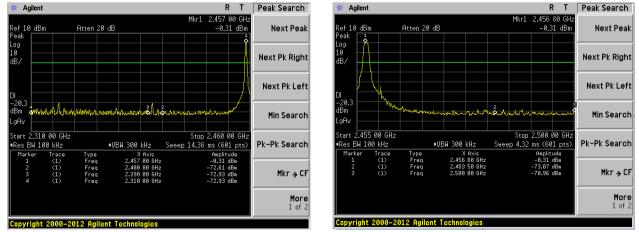


7.6 Band edges

7.6.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)			
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance v05or02			
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.			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 6.0 for details			
Test mode:	Refer to section 5.2 for details			
Test results:	Pass			

Test plot as follows:



2457MHz



7.6.2 Radiated Emission Method

Test Requirement:	FCC Part15 C S	Section 15.20	9 and 15.205			
Test Method:	ANSI C63.10:20					
Test Frequency Range:	All of the restric	t bands were	e tested, only	the worst ba	nd's (2310MHz to	
	2500MHz) data					
Test site:	Measurement D	istance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value	
	Above 1GHz	Peak	1MHz	3MHz	Peak	
	Above 10112	Average				
Limit:	Freque	Frequency Limit (dBuV/m @3m)			Value	
	Above 1		54.0	0	Average	
	Above 1	GHZ	74.0	0	Peak	
	Tum Tablet <150cm>		3m > Test Antenna < 1m 4m 3	1	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	
	 determine the 2. The EUT was antenna, whi tower. 3. The antenna ground to det horizontal an measuremen 4. For each sus and then the and the rota to the maximum 5. The test-rece Specified Bat 6. If the emission the limit spect of the EUT w have 10dB m peak or avera sheet. 7. The radiation 	e position of t s set 3 meters ch was mount height is vari termine the m d vertical pola it. pected emiss antenna was table was turn neading. siver system v ndwidth with on level of the sified, then test ould be report argin would l age method a	he highest rad s away from the ted on the top ed from one r haximum value arizations of the sion, the EUT tuned to heig hed from 0 de was set to Pea Maximum Hole EUT in peak sting could be red. Otherwis be re-tested o as specified ar hts are perform	diation. The interference of a variable neter to four the e of the field so the antenna a was arranged hts from 1 m grees to 360 ak Detect Fur d Mode. mode was 10 stopped and e the emission ne by one us and then report	e-height antenna meters above the strength. Both re set to make the d to its worst case eter to 4 meters degrees to find nction and 0dB lower than I the peak values ons that did not sing peak, quasi- ted in a data Z axis positioning.	
	And found the X axis positioning which it is worse case, only the test worst case mode is recorded in the report.					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section					
Test results:	Pass	/				



Measurement Data -

Test Freque	Test Frequency:					57MHz			
Peak value:				·					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
2310.00	37.99	27.59	5.38	30.18	40.78	74.00	-33.22	Horizontal	
2390.00	37.85	27.59	5.38	30.18	40.64	74.00	-33.36	Horizontal	
2400.00	37.10	27.58	5.39	30.18	39.89	74.00	-34.11	Horizontal	
2310.00	38.41	27.59	5.38	30.18	41.20	74.00	-32.80	Vertical	
2390.00	37.92	27.59	5.38	30.18	40.71	74.00	-33.29	Vertical	
2400.00	37.11	27.58	5.39	30.18	39.90	74.00	-34.10	Vertical	
Average val	ue:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	

(=)	(dBuV)	(dB/m)	(dB)	(dB)	(02017)	(02017)	(dB)	
2310.00	29.61	27.59	5.38	30.18	32.40	54.00	-21.60	Horizontal
2390.00	29.54	27.59	5.38	30.18	32.33	54.00	-21.67	Horizontal
2400.00	29.23	27.58	5.39	30.18	32.02	54.00	-21.99	Horizontal
2310.00	29.17	27.59	5.38	30.18	31.96	54.00	-22.04	Vertical
2390.00	29.12	27.59	5.38	30.18	31.91	54.00	-22.09	Vertical
2400.00	29.06	27.58	5.39	30.18	31.85	54.00	-22.15	Vertical

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	39.36	27.53	5.47	29.93	42.43	74.00	-31.58	Horizontal
2500.00	39.49	27.55	5.49	29.93	42.60	74.00	-31.41	Horizontal
2483.50	39.36	27.53	5.47	29.93	42.43	74.00	-31.57	Vertical
2500.00	40.01	27.55	5.49	29.93	43.12	74.00	-30.89	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	32.31	27.53	5.47	29.93	35.38	54.00	-18.63	Horizontal
2500.00	31.03	27.55	5.49	29.93	34.14	54.00	-19.87	Horizontal
2483.50	33.10	27.53	5.47	29.93	36.17	54.00	-17.83	Vertical
2500.00	30.53	27.55	5.49	29.93	33.64	54.00	-20.36	Vertical

Remarks:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

The emission levels of other frequencies are very lower than the limit and not show in test report. 2.

The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest З. and highest frequencies) data was showed.

Global United Technology Services Co., Ltd.

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7.7 Spurious Emission

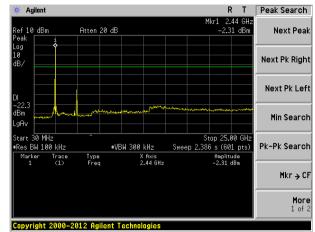
7.7.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)						
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance v05or02						
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 df 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 radiated measurement.						
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane						
Test Instruments:	Refer to section 6.0 for details						
Test mode:	Refer to section 5.2 for details						
Test results:	Pass						



Test plot as follows:

Report No.: GTS202004000150F02



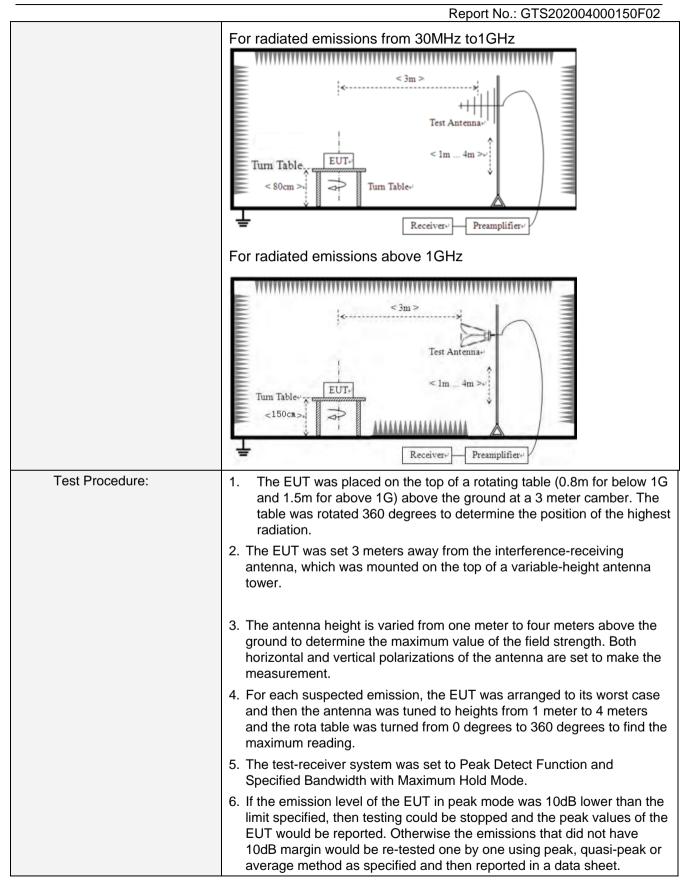
30MHz~25GHz



7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209								
Test Method:	ANSI C63.10:2013								
Test Frequency Range:	9kHz to 25GHz								
Test site:	Measurement Distance: 3m								
Receiver setup:	Frequency	Detector	RB	W	VBW	Value			
	9KHz-150KHz	Qı	asi-peak 200H		Hz 600Hz		z Quasi-peak		
	150KHz-30MHz	Qu	iasi-peak 9KH		Hz 30KH		z Quasi-peak		
	30MHz-1GHz	Qu	ıasi-peak	120k	Ήz	300KH	lz Quasi-peak		
	Above 1GHz		Peak	1M	Ηz	3MHz	Peak		
	Above TGH2		Peak	1M	Ηz	10Hz	Average		
Limit:	Frequency	Limit (u∖	//m)	V	/alue	Measurement Distance			
	0.009MHz-0.490M	lHz	2400/F(k	(Hz)	QP		300m		
	0.490MHz-1.705M	lHz	24000/F()/F(KHz)		QP	30m		
	1.705MHz-30MH	z	30			QP	30m		
	30MHz-88MHz		100		QP				
	88MHz-216MHz		150		QP				
	216MHz-960MHz		200			QP	3m		
	960MHz-1GHz		500		QP		onn		
	Above 1GHz		500			erage			
			5000		Peak				
Test setup:	For radiated emiss	sions	from 9kH	z to 30	DMH	Z			
	<pre></pre>								







		Report No.: GTS202004000150F02
Test Instruments:	Refer to section 6.0 for details	
Test mode:	Refer to section 5.2 for details	
Test voltage:	AC 120V, 60Hz	
Test results:	Pass	

Measurement data:

Remark:

Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

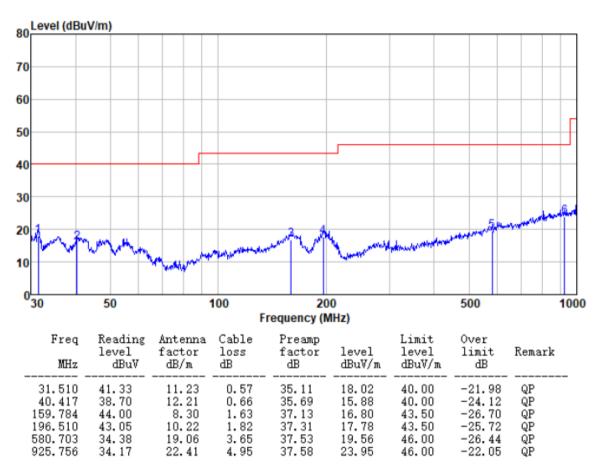
■ 9kHz~30MHz

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



Below 1GHz

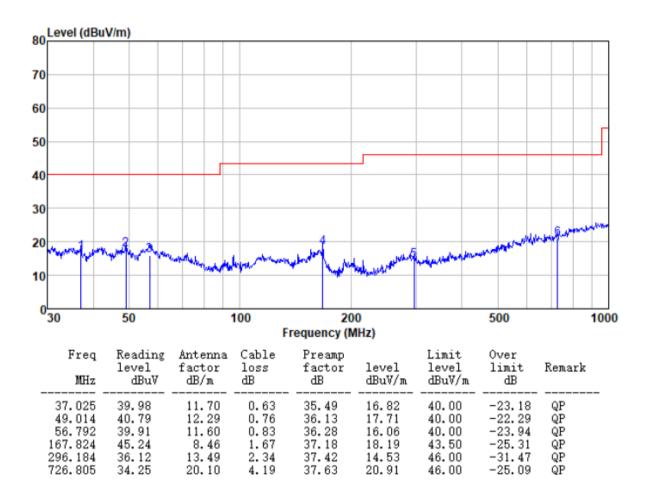
Horizontal





Vertical

Report No.: GTS202004000150F02





Above 1GHz

Report No.: GTS202004000150F02

Test Frequency: 2457MHz								
Test Frequer				2457	MHz			
Peak va			<u> </u>	_	1		_	1
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4914.00	39.86	31.88	8.69	32.14	48.29	74.00	-25.71	Vertical
7371.00	33.25	36.45	11.75	31.72	49.73	74.00	-24.27	Vertical
9828.00	34.01	38.61	14.32	31.75	55.19	74.00	-18.81	Vertical
12285.00	*					74.00		Vertical
14742.00	*					74.00		Vertical
4914.00	40.25	31.88	8.69	32.14	48.68	74.00	-25.32	Horizontal
7371.00	33.09	36.45	11.75	31.72	49.57	74.00	-24.43	Horizontal
9828.00	32.77	38.61	14.32	31.75	53.95	74.00	-20.05	Horizontal
12285.00	*					74.00		Horizontal
14742.00	*					74.00		Horizontal
Average	e value:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4914.00	28.99	31.88	8.69	32.14	37.42	54.00	-16.58	Vertical
7371.00	22.37	36.45	11.75	31.72	38.85	54.00	-15.15	Vertical
9828.00	23.50	38.61	14.32	31.75	44.68	54.00	-9.32	Vertical
12285.00	*					54.00		Vertical
14742.00	*					54.00		Vertical
4914.00	31.46	31.88	8.69	32.14	39.89	54.00	-14.11	Horizontal
7371.00	23.33	36.45	11.75	31.72	39.81	54.00	-14.19	Horizontal
9828.00	23.69	38.61	14.32	31.75	44.87	54.00	-9.13	Horizontal
12285.00	*					54.00		Horizontal
14742.00	*					54.00		Horizontal

Remarks:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

2. The emission levels of other frequencies are very lower than the limit and not show in test report.

3. *"*", means this data is the too weak instrument of signal is unable to test.*



8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

-----End------