RF TEST REPORT



Report No.: 18070144-FCC-R1

Supersede Report No.: N/A

Applicant	Soundcast LLC			
Product Name	Bluetooth and NFC Speaker			
Model No.	VG7SE	VG7SE		
Serial No.	N/A			
Test Standard	FCC Part 1	5.247: 2017, ANSI C63.10: 2	2013	
Test Date	February 01	to April 03, 2018		
Issue Date	April 04, 2018			
Test Result	Pass Fail			
Equipment compl	ied with the s	pecification		
Equipment did no	t comply with	the specification		
Aronom Lie	Ond	David Huang		
Aarron Lia	ang	David Huang		
Test Engineer		Checked By		
	This test r	report may be reproduced in	full only	
Test result p	resented in th	nis test report is applicable t	o the tested sample only	

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES

Zone A, Floor 1, Building 2 Wan Ye Long Technology Park South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108 Phone: +86 0755 2601 4629801 Email: China@siemic.com.cn



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Laboratories Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

•		
Country/Region	Scope	
USA	EMC, RF/Wireless, SAR, Telecom	
Canada	EMC, RF/Wireless, SAR, Telecom	
Taiwan	EMC, RF, Telecom, SAR, Safety	
Hong Kong RF/Wireless, SAR, Telecom		
Australia	Australia EMC, RF, Telecom, SAR, Safety	
Korea EMI, EMS, RF, SAR, Telecom, Safety		
Japan EMI, RF/Wireless, SAR, Telecom		
Singapore EMC, RF, SAR, Telecom		
Europe EMC, RF, SAR, Telecom, Safety		

Accreditations for Conformity Assessment



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1. Report Revision History

Report No.	Report Version	Description	Issue Date
18070144-FCC-R1	NONE	Original	April 04, 2018

2. Customer information

Applicant Name	Soundcast LLC
Applicant Add	9771-E Clairemont Mesa Blvd. San Diego, CA92124
Manufacturer	Gigatek Electronics(DongGuan) Co., LTD.
Manufacturer Add	No.132, DongXing E.Rd, DongXing Industrial Zone, KengMei Village, DongKeng
	Town, DongGuan City, GuangDong, China.

3. Test site information

Test Lab A:

Lab performing tests	SIEMIC (Shenzhen-China) LABORATORIES	
	Zone A, Floor 1, Building 2 Wan Ye Long Technology Park	
Lab Address	South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China	
	518108	
FCC Test Site No.	535293	
IC Test Site No.	4842E-1	
Test Software	Radiated Emission Program-To Shenzhen v2.0	
Fest Lab B:		
Lab performing tests	SIEMIC (Nanjing-China) Laboratories	
	2-1 Longcang Avenue Yuhua Economic and	
Lab Address	Technology Development Park, Nanjing, China	
FCC Test Site No.	694825	
IC Test Site No.	4842B-1	
Test Software	EZ_EMC(ver.lcp-03A1)	

Note: We just perform Radiated Spurious Emission above 18GHz in the test Lab. B.



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4. Equipment under Test (EUT) Information

Description of EUT:	Bluetooth and NFC Speaker
Main Model:	VG7SE
Serial Model:	N/A
Date EUT received:	January 31, 2018
Test Date(s):	February 01 to April 03, 2018
Equipment Category :	DSS
Antenna Gain:	Bluetooth/BLE: 0dBi
Antenna Type:	PCB Antenna
Type of Modulation:	Bluetooth: GFSK, π /4DQPSK, 8DPSK BLE: GFSK
RF Operating Frequency (ies):	Bluetooth&BLE: 2402-2480 MHz
Max. Output Power:	2.925dBm
Number of Channels:	Bluetooth: 79CH BLE: 40CH
Port:	Please refer to user manual
Input Power:	Adapter: Model: ATS160T-P120 Input: 100-240V, 50/60Hz, 2.2A Max Output: 12V-12.5A Battery : Model: 2-540-008-01(2S-4P) Spc: 7.26V, 10400mAh/75.504Wh Voltage: 8.4V



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Trade Name :

SOUNDCAST

FCC ID:

SUD-VGBT7SE



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5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.247(a)(1)	Channel Separation	Compliance
§15.247(a)(1)	20 dB Bandwidth	Compliance
§15.247(b)(1)	Peak Output Power	Compliance
§15.247(a)(1)(iii)	Number of Hopping Channel	Compliance
§15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Compliance
§15.247(d)	Band Edge& Restricted Band	Compliance
§15.207(a)	AC Line Conducted Emissions	N/A
§15.205, §15.209, §15.247(d)	Radiated Emissions& Restricted Band	Compliance

Measurement Uncertainty

Emissions		
Test Item	Description	Uncertainty
Band Edge& Restricted Band and Radiated Emissions& Restricted Band	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB
-	-	-



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6. Measurements, Examination And Derived Results

6.1 Antenna Requirement

Applicable Standard

According to § 15.203, 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 shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

a. Antenna must be permanently attached to the unit.

b. Antenna must use a unique type of connector to attach to the EUT.

Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has 1 antenna: A permanently attached PCB Antenna for Bluetooth, the gain is 0dBi for Bluetooth/BLE.

The antenna meets up with the ANTENNA REQUIREMENT.

Result: Compliance.



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6.2 Channel Separation

Temperature	25 °C
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	March 23, 2018
Tested By :	Aarron Liang

Spec	Item	tem Requirement Applicable			
		Channel Separation < 20dB BW and 20dB BW <			
S 45 047(-)(4)		25KHz; Channel Separation Limit=25KHz	2		
§ 15.247(a)(1)	a)	Chanel Separation < 20dB BW and 20dB BW >			
		25kHz; Channel Separation Limit=2/3 20dB BW			
Test Setup		Spectrum Analyzer EUT			
		est follows FCC Public Notice DA 00-705 Measurement on the following spectrum analyzer settings:	Guidelines.		
	-	The EUT must have its hopping function enabled			
	-	Span = wide enough to capture the peaks of two adjac	ent		
		channels			
	 Resolution (or IF) Bandwidth (RBW) ≥ 1% of the span 				
Test Procedure	 Video (or Average) Bandwidth (VBW) ≥ RBW 				
	- Sweep = auto				
	- Detector function = peak				
	-	Trace = max hold			
	-	Allow the trace to stabilize. Use the marker-delta function	on to		
		determine the separation between the peaks of the adj	acent		
		channels. The limit is specified in one of the subparagra	aphs of this		
		Section. Submit this plot.			



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Rema	rk				
Resu	lt	Pass	Fail		
Test Data	Yes		□ _{N/A}		
Test Plot	Ve:	s (See below)	N/A		

Channel Separation measurement result

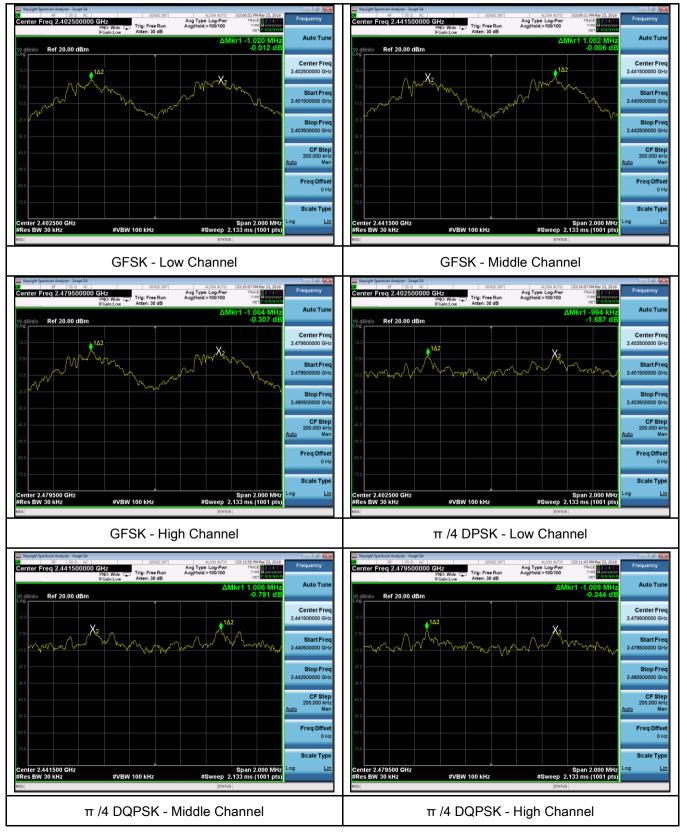
Type/ Modulation	СН	CH Frequency (MHz)	CH Separation (MHz)	Limit (MHz)	Result
	Low Channel	2402	1.020	0.867	Pass
	Adjacency Channel	2403	1.020	0.007	r ass
CH Separation	Mid Channel	2440	1.002	0.928	Pass
GFSK	Adjacency Channel	2441	1.002	0.920	F 855
	High Channel	2480	1.004	0 000	Deee
	Adjacency Channel	2479	1.004	0.889	Pass
	Low Channel	2402	0.004	0.042	Pass
	Adjacency Channel	2403	0.994	0.813	Pass
CH Separation	Mid Channel	2440	1.006	0.815	Deee
π /4 DQPSK	Adjacency Channel	2441	1.006	0.815	Pass
	High Channel	2480	1.000	0.014	Dees
	Adjacency Channel	2479	1.008	0.814	Pass
	Low Channel	2402	4.000	0.007	Dees
	Adjacency Channel	2403	1.002	0.807	Pass
CH Separation	Mid Channel	2440	4.004	0.000	Dese
8DPSK	Adjacency Channel	2441	1.004	0.809	Pass
	High Channel	2480	1.000	0.000	Dees
	Adjacency Channel	2479	1.006	0.808	Pass



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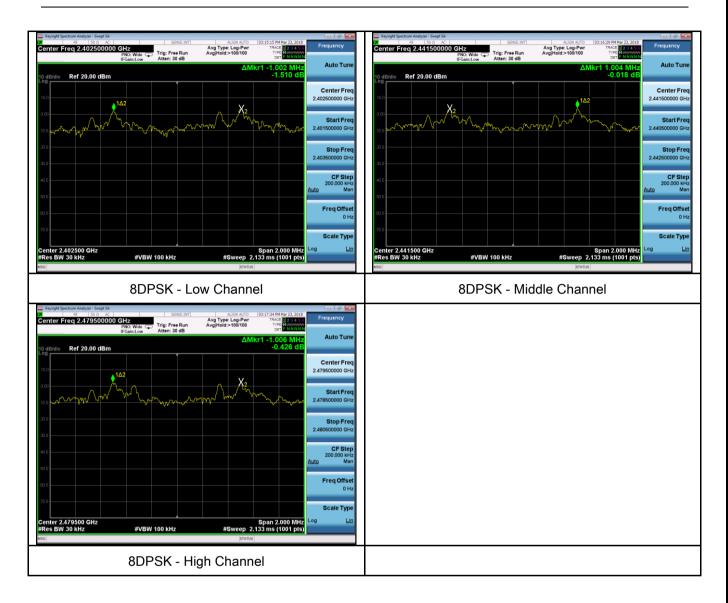
Test Plots

Channel Separation measurement result





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6.3 20dB Bandwidth

Temperature	25 °C
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	March 23, 2018
Tested By :	Aarron Liang

Spec	Item	Item Requirement Applicable					
§15.247(a) (1)	a)	a) Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.					
Test Setup		Spectrum Analyzer					
Test Procedure		st follows FCC Public Notice DA 00-705 Measurement Gu <u>e following spectrum analyzer settings:</u> Span = approximately 2 to 3 times the 20 dB bandwidth, a hopping channel RBW \geq 1% of the 20 dB bandwidth VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold. The EUT should be transmitting at its maximum data rate trace to stabilize. Use the marker-to-peak function to set for to the peak of the emission. Use the marker-delta function measure 20 dB down one side of the emission. Reset the	centered on e. Allow the the marker n to				
		delta function, and move the marker to the other side of the emission, until it is (as close as possible to) even with the	he				

_	_					
SI	Εſ	MIC	Test Report	18070144-FCC-R1		
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				-delta reading at this point is the 20 dB		
		bandwidt	n of the emission	n. If this value varies with different modes of		
		operation	n (e.g., data rate,	modulation format, etc.), repeat this test for		
		each variation. The limit is specified in one of the subparagraphs of				
		this Section. Submit this plot(s).				
Remark						
Result	Result Pass Fail					
Test Data	₽ Y	′es	N/A			
Test Plot	₩ Y	es (See below)	□ _{N/A}			

Measurement result

Modulation	СН	CH Frequency (MHz)	20dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
	Low	2402	0.8666	0.8294
GFSK	Mid	2441	0.9283	0.8765
	High	2480	0.8885	0.8623
	Low	2402	1.220	1.161
π /4 DQPSK	Mid	2441	1.222	1.161
	High	2480	1.221	1.160
	Low	2402	1.211	1.140
8-DPSK	Mid	2441	1.213	1.142
	High	2480	1.212	1.140



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Test Plots

20dB Bandwidth measurement result





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6.4 Peak Output Power

Temperature	25 °C
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	March 23, 2018
Tested By :	Aarron Liang

Spec	Item	Requirement	Applicable
	a)	FHSS in 2400-2483.5MHz with \geq 75 channels: \leq 1 Watt	Y
	b)	FHSS in 5725-5850MHz: ≤ 1 Watt	
§15.247(b)	c)	For all other FHSS in the 2400-2483.5MHz band: \leq 0.125 Watt.	K
(3)	d)	FHSS in 902-928MHz with ≥ 50 channels: ≤ 1 Watt	
	e)	FHSS in 902-928MHz with \geq 25 & <50 channels: \leq 0.25 Watt	
	f)	DTS in 902-928MHz, 2400-2483.5MHz: ≤ 1 Watt	
Test Setup		Spectrum Analyzer	
Test Procedure	Spectrum Analyzer EUT The test follows FCC Public Notice DA 00-705 Measurement Guidelines. Use the following spectrum analyzer settings: - Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel - RBW > the 20 dB bandwidth of the emission being measured - VBW ≥ RBW - Sweep = auto - Detector function = peak - Trace = max hold - Allow the trace to stabilize.		

si	EI		Test Report	18070144-FCC-R1
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		- Use the m	arker-to-peak fu	nction to set the marker to the peak of the
		emission.	The indicated lev	vel is the peak output power (see the note
		above reg	arding external a	attenuation and cable loss). The limit is
		specified i	n one of the sub	paragraphs of this Section. Submit this
		plot. A pea	ak responding po	ower meter may be used instead of a
		spectrum	analyzer.	
Remark				
Result		Pass	Fail	
Test Data	∀ γ	/es	N/A	
Test Plot	₽ Y	es (See below)	□ _{N/A}	

Peak Output Power measurement result

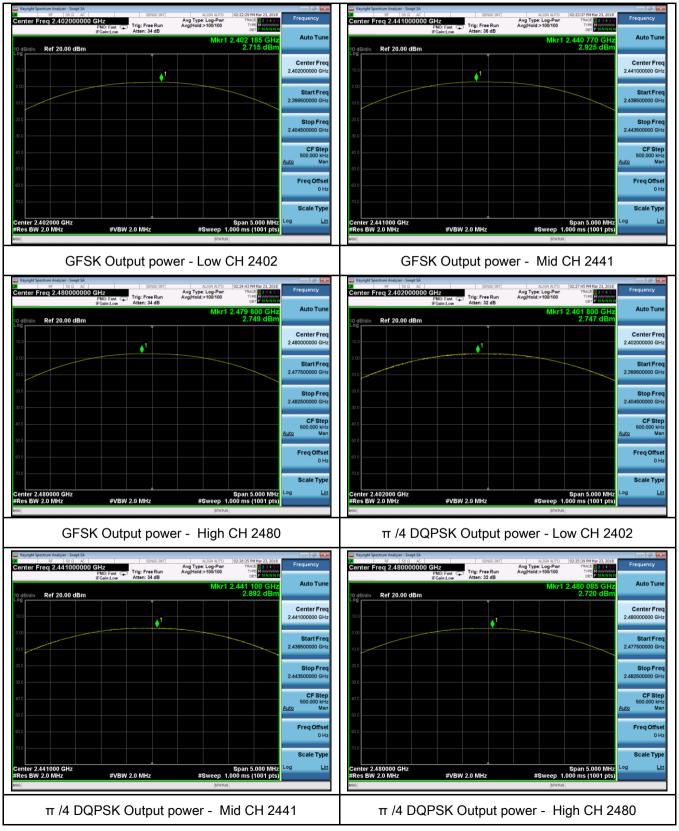
Туре	Modulation	СН	Frequenc y (MHz)	Conducted Power (dBm)	Limit (mW)	Result
		Low	2402	2.715	1000	Pass
	GFSK	Mid	2441	2.925	1000	Pass
		High	2480	2.749	1000	Pass
Output		Low	2402	2.747	125	Pass
Output	π /4 DQPSK	Mid	2441	2.892	125	Pass
power		High	2480	2.720	125	Pass
		Low	2402	2.299	125	Pass
	8-DPSK	Mid	2441	2.913	125	Pass
		High	2480	2.685	125	Pass



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Test Plots

Output Power measurement result





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Keysight Spectrum Analyzer - Swept SA RF 50.0. AC Inter Freq 2.402000000 GHz PN0: Fast IFGain:Low	SENSE:INT Avg T Trig: Free Run Avg H Atten: 32 dB	ALIGN AUTO 02:28:51 PM Mar 23, 2018 Type: Log-Pwr TRACE 23 4 5 0 told:>100/100 TYPE MUMMING DET P.NINNIN	Frequency	Keysight Spectrum Analyzer - Swept SA RF 50 Q AC Center Freq 2.441000000 G	HZ PN0: Fast FGain:Low Atten: 34 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>100/100	TYPE MWWWWWW DET P NNNNN	requency
dB/div Ref 20.00 dBm		Mkr1 2.401 930 GHz 2.299 dBm	Auto Tune	10 dB/div Ref 20.00 dBm		Mkr1 2	2.440 915 GHz 2.913 dBm	Auto Tur
0	•		Center Freq 2.40200000 GHz	10.0				Center Fro 1000000 Gi
			Start Freq 2.399500000 GHz	.10.0			2.43	Start Fr 8500000 G
0			Stop Freq 2.404500000 GHz	-20.0			2.44	Stop Fr 3500000 G
0			CF Step 500.000 kHz Auto Man	-40.0			Auto	CF St 500.000 k N
0			Freq Offset 0 Hz	-60.0				Freq Offs 0
nter 2.402000 GHz		Spap 5 000 MHz	Scale Type	-70.0				Scale Ty
mer 2.402000 GHZ		apan 5,000 Minz						
8DPSK Ou	SENSE-INT	Span 5.000 MHz #Sweep 1.000 ms (1001 pts) status - Low CH 2402		Center 2.411000 GHz #Res BW 2.0 MHz Wito	#VBW 2.0 MHz K Output pov	STATUS	span 5.000 MHz 00 ms (1001 pts) CH 2441	
8DPSK Ou Rysight Spectrum Augure - Singel SA 1930 - Social Control 1930 - Social Control		- Low CH 2402		#Res BW 2.0 MHz		STATUS		
8DPSK Ou		(1014) - Low CH 2402 ALIM AUTO (02306 PM May 22, 3018 Type: Log-Paw Type: Log-Paw Type: Log-Paw Type: Log-Paw Type: Log-Paw Mkr1 2:479 855 GHz	Frequency	#Res BW 2.0 MHz		STATUS		
8DPSK Ou Rysight Spectrum Augure - Singel SA 1930 - Social Control 1930 - Social Control	tput power - serve Perf Trig: Pree Run Avgilt Atten: 34 dB	(1014) - Low CH 2402 ALIM AUTO (02306 PM May 22, 3018 Type: Log-Paw Type: Log-Paw Type: Log-Paw Type: Log-Paw Type: Log-Paw Mkr1 2:479 855 GHz	Frequency Auto Tune	#Res BW 2.0 MHz		STATUS		
8DPSK Ou Rysight Spectrum Augure - Singel SA 1930 - Social Control 1930 - Social Control	tput power - serve Perf Trig: Pree Run Avgilt Atten: 34 dB	(1014) - Low CH 2402 ALIM AUTO (02306 PM May 22, 3018 Type: Log-Paw Type: Log-Paw Type: Log-Paw Type: Log-Paw Type: Log-Paw Mkr1 2:479 855 GHz	Frequency Auto Tune Center Freq 2.48000000 GHz Start Freq 2.477500000 GHz Stop Freq 2.482500000 GHz	#Res BW 2.0 MHz		STATUS		
8DPSK Ou Rysight Spectrum Augure - Singel SA 1930 - Social Control 1930 - Social Control	tput power - serve Perf Trig: Pree Run Avgilt Atten: 34 dB	ALICA AUTO (2230 08 PM Mar 22, 3016 Type: Log-Powr Mkr1 2.479 885 GHz 2.685 dBm	Frequency Frequency Auto Tune Center Freq 2.48000000 GHz Start Freq 2.482500000 GHz Stop Freq 2.482500000 GHz CF Step 500.000 kHz Stop Step 500.000 kHz	#Res BW 2.0 MHz		STATUS		
8DPSK Ou Rysight Spectrum Augure - Singel SA 1930 - Social Control 1930 - Social Control	tput power - serve Perf Trig: Pree Run Avgilt Atten: 34 dB	ALICA AUTO (2230 08 PM Mar 22, 3016 Type: Log-Powr Mkr1 2.479 885 GHz 2.685 dBm	Frequency Frequency Auto Tune Center Freq 2.48000000 GHz Start Freq 2.482500000 GHz Stop Freq 2.482500000 GHz CF Step 500.000 kHz Stop Step 500.000 kHz Stop Step 500.000 kHz Stop Step 500.000 kHz	#Res BW 2.0 MHz		STATUS		
BDPSK Ou	tput power - serve Perf Trig: Pree Run Avgilt Atten: 34 dB	ALICA AUTO (2230 08 PM Mar 22, 3016 Type: Log-Powr Mkr1 2.479 885 GHz 2.685 dBm	Frequency Frequency Auto Tune Center Freq 2.48000000 GHz Start Freq 2.482500000 GHz Stop Freq 2.482500000 GHz CF Step 500.000 kHz Stop Step Stop Step Step Stop Step Step Step Step Step Step Step Ste	#Res BW 2.0 MHz		STATUS		



6.5 Number of Hopping Channel

Temperature	25 °C
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	March 23, 2018
Tested By :	Aarron Liang

Spec	Item	Requirement	Applicable				
§15.247(a) (1)(iii)	a)	FHSS in 2400-2483.5MHz \geq 15 channels	2				
Test Setup		Spectrum Analyzer					
		st follows FCC Public Notice DA 00-705 Measurement Gu	idelines.				
	Use the	e following spectrum analyzer settings:					
	The EL	JT must have its hopping function enabled.					
	-	Span = the frequency band of operation					
	-	RBW ≥ 1% of the span					
Teet	-	VBW ≥ RBW					
Test	-	Sweep = auto					
Procedure	-	Detector function = peak					
	-	Trace = max hold					
	-	Allow trace to fully stabilize.					
	- It may prove necessary to break the span up to sections, in order to						
	clearly show all of the hopping frequencies. The limit is specified in						
		one of the subparagraphs of this Section. Submit this plot	(s).				
Remark							
Result	Pas	s Fail					
Test Data	Yes	N/A					
Test Plot	Yes (See	e below)					



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Number of Hopping Channel measurement result

Туре	Modulation	Frequency Range	Number of Hopping Channel	Limit
Number of	GFSK	2400-2483.5	79	15
Number of	π /4 DQPSK	2400-2483.5	79	15
Hopping Channel	8-DPSK	2400-2483.5	79	15

Test Plots

Number of Hopping Channels measurement result





6.6 Time of Occupancy (Dwell Time)

Temperature	25 °C
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	March 23, 2018
Tested By :	Aarron Liang

Spec	Item	Requirement	Applicable
§15.247(a) (1)(iii)	a)	Dwell Time < 0.4s	Z
Test Setup		Spectrum Analyzer EUT	
		st follows FCC Public Notice DA 00-705 Measurement G	uidelines.
	Use the	e following spectrum analyzer	
	-	Span = zero span, centered on a hopping channel	
	-	RBW = 1 MHz	
Test	- VBW ≥ RBW		
Procedure	- Sweep = as necessary to capture the entire dwell time per hopping		
		channel	
	-	Detector function = peak	
	- Trace = max hold		
	-	use the marker-delta function to determine the dwell time	e
Remark			
Result	Pas	s Fail	
Test Data	Yes	□ _{N/A}	
Test Plot	′es (See	below)	



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Dwell Time measurement result

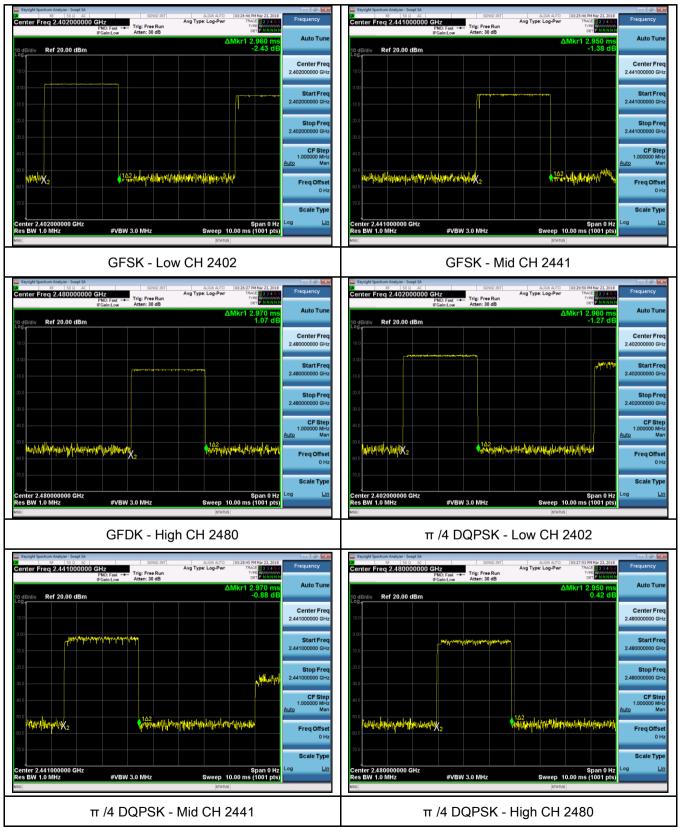
Tuno	Modulation		Pulse Width	Dwell Time	Limit	Result
Туре	Modulation	СН	(ms)	(ms)	(ms)	Result
		Low	2.96	315.733	400	Pass
	GFSK	Mid	2.95	314.667	400	Pass
		High	2.97	316.800	400	Pass
		Low	2.96	315.733	400	Pass
Dwell Time	π /4 DQPSK	Mid	2.97	316.800	400	Pass
		High	2.95	314.667	400	Pass
		Low	2.98	317.867	400	Pass
	8-DPSK	Mid	2.99	318.933	400	Pass
		High	2.97	316.800	400	Pass
Note: Dwell time=Pulse Time (ms) × (1600 ÷ 6 ÷ 79) ×31.6						



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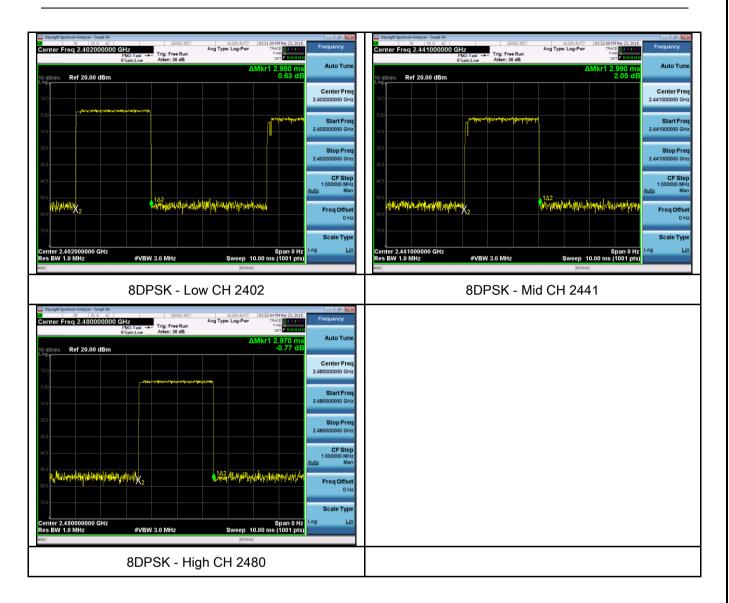
Test Plots

Dwell Time measurement result





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6.7 Band Edge & Restricted Band

Temperature	25 °C
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	March 23, 2018
Tested By :	Aarron Liang

Spec	Item	Item Requirement Applicable	
§15.247(a) (1)(iii)	 In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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, provided the transmitter demonstrates compliance with the peak conducted power limits. 		V
Test Setup	Ant. Tower LUT& Support Units 0.8/1.5m Ground Plane Test Receiver		
Test Procedure	 The test follows FCC Public Notice DA 00-705 Measurement Guidelines. Radiated Method Only 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator. 2. Position the EUT without connection to measurement instrument. Put it on the Rotated table and turn on the EUT and make it operate in transmitting mode. Then set it to Low Channel and High Channel within its operating range, 		



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	 and make sure the instrument is operated in its linear range. 3. First, set both RBW and VBW of spectrum analyzer to 100 kHz with a convenient frequency span including 100kHz bandwidth from band edge, check the emission of EUT, if pass then set Spectrum Analyzer as below: a. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasiy Peak detection at frequency below 1GHz.
	 b. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz with Peak detection for Peak measurement at frequency above 1GHz. c. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz with Peak detection for Average Measurement as
	 below at frequency above 1GHz. 4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
Remark	- 5. Repeat above procedures until all measured frequencies were complete.
Result	Pass Fail
Test Data	Yes N/A
Test Plot	Yes (See below) N/A



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Test Plots

GFSK Mode:

