

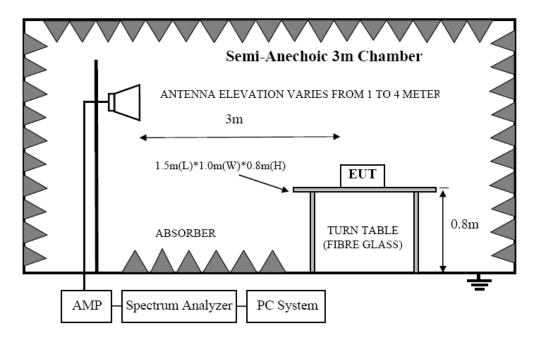
		1GI	Hz—25G	Hz Rad	iated en	nissison Tes	st result						
EU'	Γ: Multifi	unction Spe	aker				M/N:	CL-680					
Pow	ver: DC 3	.7V From b	attery										
Tes	t date: 20	15-09-25	Test site	e: 3m C	hamber		Teste	d by: Mas	on				
Tes	t mode: 8	- DPSK T	Tx CH79 2	2480MI	Hz								
Ant	enna pola	rity: Vertic	al										
No	Freq (MHz) Read   Antenna   Cable   Amp   Result (dBuV/m)   (dB/m)   B)   (dB)   Result (dBuV/m)   (dB)   Remark   (dBuV/m)   (dB)   (dB)   Remark   (dBuV/m)   (dB)   (dB)   Remark   (dBuV/m)   (dB)   (dB)   Remark   (dBuV/m)   (dB)   Remark   (dBuV/m)   (dB)   (dB)   Remark   (dBuV/m)   (dB)   Remark   (dB)   (dB)   Remark   (dB)   (dB)   Remark   (dB)   (dB)   Remark   (dB)   (dB)   (dB)   Remark   (dB)   (dB)   (dB)   Remark   (dB)   (dB)   Remark   (dB)   (dB)   (dB)   Remark   (dB)   (dB)												
1	4960	42.53	33.98	10.22	34.25	52.48	74	21.52	PK				
2	4960	31.84	33.98	10.22	34.25	41.79	54	12.21	AV				
3	7440	/											
4	9920	/											
5	12400	/											
Ant	enna Pola	arity: Horizo	ontal										
1	4960	43.16	33.98	10.22	34.25	53.11	74	20.89	PK				
2	4960	32.66	33.98	10.22	34.25	42.61	54	11.39	AV				
3	7440	/											
4	9920	/											
5	12400	/											
Not	e												

- 1, Measuring frequency from 1GHz to 25GHz
- 2, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



# 9. Band Edge Compliance

# 9.1. Block Diagram of Test Setup



# 9.2. Limit

All the lower and upper band-edges emissions appearing within restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation shall be at least 30dB below the fundamental emissions, or comply with 15.209 limits.

# 9.3. Test Procedure

All restriction band and non- restriction band have been tested , only worse case is reported.

# 9.4. Test Result

PASS. (See below detailed test data)



# Radiated Method

GFSK (CH Low)

			Band Ed	dge Test	result						
EUT: Multifu	nction Spea	aker				M/N: CL-	680				
Power: DC 3.	7V From b	attery									
Test date: 201	15-09-25	Test site	: 3m Cł	namber		Tested by:	Mason				
Test mode: Tx CH Low 2402MHz											
Antenna polarity: Vertical											
Freq (MHz)	$(MHz) \qquad (dBuV/m) \qquad (dB/m) \qquad B) \qquad (dB) \qquad (dBuV/m) \qquad (dBuV/m) \qquad (dB)$										
2390	45.38	27.62	3.92	34.97	41.95	74	32.05	PK			
2390	/	27.62	3.92	34.97	/	54	/	AV			
2400	52.64	27.62	3.94	34.97	49.23	74	24.77	PK			
2400	/	27.62	3.94	34.97	/	54	/	AV			
Antenna Pola	rity: Horizo	ntal									
2390	46.27	27.62	3.92	34.97	42.84	74	31.16	PK			
2390	/	27.62	3.92	34.97	/	54	/	AV			
2400	53.83	27.62	3.94	34.97	50.42	74	23.58	PK			
2400	/	27.62	3.94	34.97	/	54	/	AV			

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



GFSK (CH High)

			Band Ed	dge Test	result							
EUT: Multifu	nction Spea	aker				M/N: CL	<b>-680</b>					
Power: DC 3.	7V From ba	attery										
Test date: 201	15-09-25	Test site	: 3m Cl	namber		Tested by	y: Mason	ı				
Test mode: T	x CH High	2480MH	Z									
Antenna pola	rity: Vertica	al										
Freq (MHz)	(MHz)  (dBuV/m)  (dB/m)  B)  (dB)  (dBuV/m)  (dBuV/m)  (dB)											
2483.5	47.35	27.59	4.00	34.97	43.97	74	30.03	PK				
2483.5	/	27.59	4.00	34.97	/	54	/	AV				
Antenna Pola	rity: Horizo	ntal		l								
2483.5	46.62	27.59	4.00	34.97	43.24	74	30.76	PK				
2483.5	/	27.59	4.00	34.97	/	54	/	AV				
Note:												

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



# GFSK (Hopping Low)

Band Edge Test result												
EUT: Multifu	nction Spea	aker				M/N: 0	CL-680					
Power: DC 3.	Power: DC 3.7V From battery											
Test date: 201	5-09-25	Test site	: 3m Cł	namber		Tested	by: Ma	son				
Test mode: Tx CH Low 2402MHz												
Antenna polarity: Vertical												
Freq (MHz)	(MHz)  (dBuV/m)  (dB/m)  B)  (dB)  (dBuV/m)  (dBuV/m)  (dB)											
2390	46.81	27.62	3.92	34.97	43.38	74	30.62	PK				
2390	/	27.62	3.92	34.97	/	54	/	AV				
2400	55.34	27.62	3.94	34.97	51.93	74	22.07	PK				
2400	/	27.62	3.94	34.97	/	54	/	AV				
Antenna Pola	rity: Horizo	ontal										
2390	45.57	27.62	3.92	34.97	42.14	74	31.86	PK				
2390	/	27.62	3.92	34.97	/	54	/	AV				
2400	53.64	27.62	3.94	34.97	50.23	74	23.77	PK				
2400	/	27.62	3.94	34.97	/	54	/	AV				

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



# GFSK (Hopping High)

			Band Ed	dge Test	result			
EUT: Multifu	unction Spea	aker				M/N: C	L-680	
Power: DC 3	.7V From b	attery						
Test date: 20	15-09-25	Test site	: 3m Cł	namber		Tested l	y: Maso	on
Test mode: T	x CH High	2480MH	Z					
Antenna pola	rity: Vertica	al						
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)		Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	45.27	27.59	4.00	34.97	41.89	74	32.11	PK
2483.5	/	27.59	4.00	34.97	/	54	/	AV
Antenna Pola	rity: Horizo	ontal						
2483.5	46.16	27.59	4.00	34.97	42.78	74	31.22	PK
2483.5	/	27.59	4.00	34.97	/	54	/	AV
N.T. 4		·			· · · · · · · · · · · · · · · · · · ·	·		· · · · · · · · · · · · · · · · · · ·

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



 $\pi$  /4 DQPSK (CH Low)

			Band Ed	dge Test	result							
EUT: Multifu	EUT: Multifunction Speaker M/N: CL-680											
Power: DC 3.	.7V From b	attery										
Test date: 201	15-09-25	Test site	: 3m Cł	namber		Tested	by: Mas	son				
Test mode: T	x CH Low	2402MHz	Z									
Antenna pola	rity: Vertica	al										
Freq (MHz)	$(MHz) \qquad (dBuV/m) \qquad (dB/m) \qquad B) \qquad (dB) \qquad (dBuV/m) \qquad (dB) \qquad (dB)$											
2390	44.84	27.62	3.92	34.97	41.41	74	32.59	PK				
2390	/	27.62	3.92	34.97	/	54	/	AV				
2400	53.77	27.62	3.94	34.97	50.36	74	23.64	PK				
2400	/	27.62	3.94	34.97	/	54	/	AV				
Antenna Pola	rity: Horizo	ntal										
2390	45.38	27.62	3.92	34.97	41.95	74	32.05	PK				
2390	/	27.62	3.92	34.97	/	54	/	AV				
2400	52.75	27.62	3.94	34.97	49.34	74	24.66	PK				
2400	/	27.62	3.94	34.97	/	54	/	AV				
Note:												

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



 $\pi/4$  DQPSK (CH High)

			Band Ed	dge Test	result						
EUT: Multifu	unction Spea	aker				M/N: CL	-680				
Power: DC 3	.7V From b	attery									
Test date: 20	15-09-25	Test site	: 3m Cl	namber		Tested by	y: Mason	1			
Test mode: T	x CH High	2480MH	Z								
Antenna pola	rity: Vertica	al									
Freq (MHz)	$(MHz) \qquad (dBuV/m) \qquad (dB/m) \qquad B) \qquad (dB) \qquad (dBuV/m) \qquad (dBuV/m) \qquad (dB)$										
2483.5	44.68	27.59	4.00	34.97	41.30	74	32.70	PK			
2483.5	/	27.59	4.00	34.97	/	54	/	AV			
Antenna Pola	rity: Horizo	ntal	•					T			
2483.5	45.72	27.59	4.00	34.97	42.34	74	31.66	PK			
2483.5	/	27.59	4.00	34.97	/	54	/	AV			
Note:											

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



## π /4 DQPSK (Hopping Low)

			Band Ed	dge Test	result			
EUT: Multifu	nction Spea	aker				M/N: 0	CL-680	
Power: DC 3.	7V From b	attery						
Test date: 201	15-09-25	Test site	: 3m Cł	namber		Tested	by: Ma	son
Test mode: T	x CH Low 2	2402MHz	Z					
Antenna pola	rity: Vertica	al						
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)		Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	44.21	27.62	3.92	34.97	40.78	74	33.22	PK
2390	/	27.62	3.92	34.97	/	54	/	AV
2400	51.99	27.62	3.94	34.97	48.58	74	25.42	PK
2400	/	27.62	3.94	34.97	/	54	/	AV
Antenna Pola	rity: Horizo	ontal						
2390	43.85	27.62	3.92	34.97	40.42	74	33.58	PK
2390	/	27.62	3.92	34.97	/	54	/	AV
2400	52.63	27.62	3.94	34.97	49.22	74	24.78	PK
2400	/	27.62	3.94	34.97	/	54	/	AV

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



π/4 DQPSK (Hopping High)

			Band Ed	dge Test	result			
EUT: Multifu	ınction Spea	aker				M/N:	CL-680	)
Power: DC 3.	.7V From b	attery						
Test date: 20	15-09-25	Test site	: 3m Cl	namber		Teste	d by: M	ason
Test mode: T	x CH High	2480MH	Z					
Antenna pola	rity: Vertica	al						
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)		Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	43.54	27.59	4.00	34.97	40.16	74	33.84	PK
2483.5	/	27.59	4.00	34.97	/	54	/	AV
Antenna Pola	rity: Horizo	ntal	•	•				
2483.5	44.82	27.59	4.00	34.97	41.44	74	32.56	PK
2483.5	/	27.59	4.00	34.97	/	54	/	AV
Nata								

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



8-DPSK (CH Low)

Band Edge Test result												
EUT: Multifu	nction Spea	aker				M/N: 0	CL-680					
Power: DC 3.	7V From ba	attery										
Test date: 201	Test date: 2015-09-25 Test site: 3m Chamber Tested by: Mason											
Test mode: Tx CH Low 2402MHz												
Antenna polarity: Vertical												
Freq (MHz)	(MHz)  (dBuV/m)  (dB/m)  B)  (dB)  (dBuV/m)  (dBuV/m)  (dB)											
2390	43.16	27.62	3.92	34.97	39.73	74	34.27	PK				
2390	/	27.62	3.92	34.97	/	54	/	AV				
2400	52.65	27.62	3.94	34.97	49.24	74	24.76	PK				
2400	/	27.62	3.94	34.97	/	54	/	AV				
Antenna Pola	rity: Horizo	ntal										
2390	43.14	27.62	3.92	34.97	39.71	74	34.29	PK				
2390	/	27.62	3.92	34.97	/	54	/	AV				
2400	52.88	27.62	3.94	34.97	49.47	74	24.53	PK				
2400	/	27.62	3.94	34.97	/	54	/	AV				

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



8-DPSK (CH High)

			Band Ed	dge Test	result			
EUT: Multifu	inction Spea	aker				M/N	N: CL-68	30
Power: DC 3.	.7V From b	attery						
Test date: 201	15-09-25	Test site	: 3m Cł	namber		Test	ed by: N	Aason
Test mode: T	x CH High	2480MH	Z					
Antenna pola	rity: Vertica	al						
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(d B)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	44.04	27.59	4.00	34.97	40.66	74	33.34	PK
2483.5	/	27.59	4.00	34.97	/	54	/	AV
Antenna Pola	rity: Uoriza	ntol						
2483.5	44.28	27.59	4.00	24.07	40.90	74	33.10	DV
	44.28			34.97	40.90		33.10	PK
2483.5	/	27.59	4.00	34.97	/	54	/	AV
Nieta								

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



8-DPSK (Hopping Low)

			Band Ed	dge Test	result				
EUT: Multifu	nction Spea	aker				M/N: 0	CL-680		
Power: DC 3.	7V From b	attery							
Test date: 20	15-09-25	Test site	: 3m Cł	namber		Tested	by: Mas	son	
Test mode: T	x CH Low 2	2402MHz	Z						
Antenna polarity: Vertical									
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)		Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	
2390	42.97	27.62	3.92	34.97	39.54	74	34.46	PK	
2390	/	27.62	3.92	34.97	/	54	/	AV	
2400	53.34	27.62	3.94	34.97	49.93	74	24.07	PK	
2400	/	27.62	3.94	34.97	/	54	/	AV	
Antenna Pola	rity: Horizo	ontal							
2390	42.47	27.62	3.92	34.97	39.04	74	34.96	PK	
2390	/	27.62	3.92	34.97	/	54	/	AV	
2400	52.82	27.62	3.94	34.97	49.41	74	24.59	PK	
2400	/	27.62	3.94	34.97	/	54	/	AV	
NT 4									

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.



8-DPSK (Hopping High)

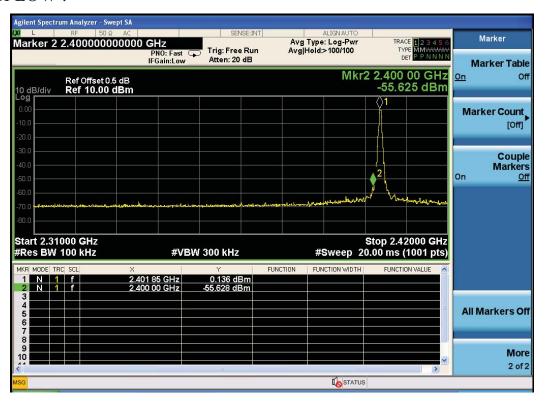
Band Edge Test result									
EUT: Multifunction Speaker M/N: CL-680									
Power: DC 3.	.7V From b	attery							
Test date: 2015-09-25 Test site: 3m Chamber Tested by: Mason								son	
Test mode: Tx CH High 2480MHz									
Antenna polarity: Vertical									
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)		Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	
2483.5	44.02	27.59	4.00	34.97	40.64	74	33.36	PK	
2483.5	2483.5 /		4.00	34.97	/	54	/	AV	
Antenna Pola	rity: Horizo	ontal							
2483.5	44.26	27.59	4.00	34.97	40.88	74	33.12	PK	
2483.5	/	27.59	4.00	34.97	/	54	/	AV	
N									

- 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

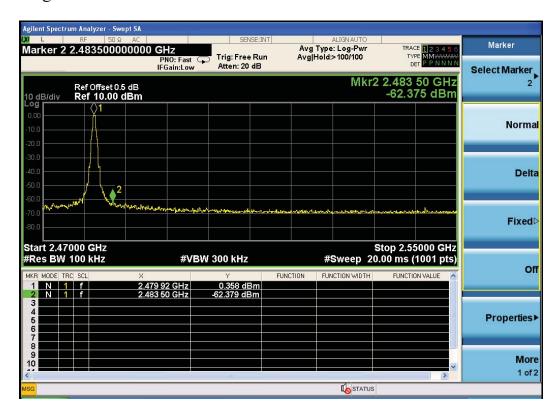


## Conducted Method

# GFSK CH LOW:



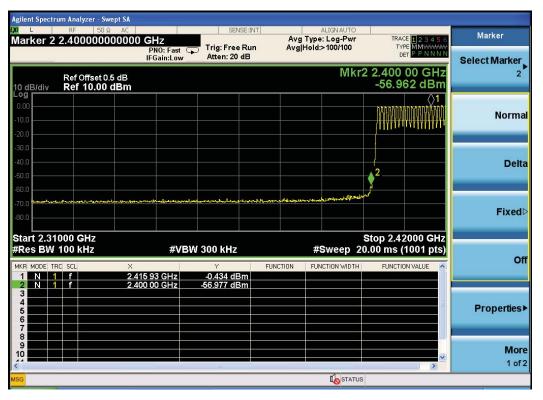
# CH High:



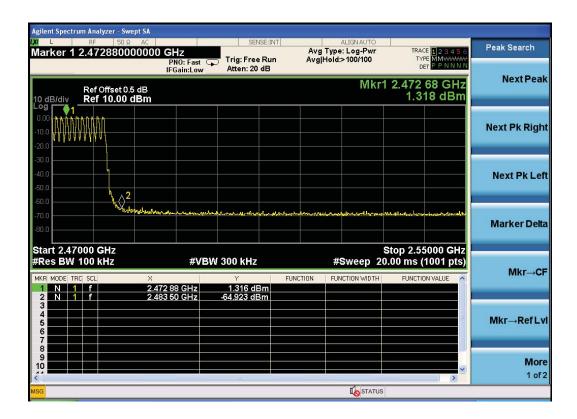


# Hopping

Low



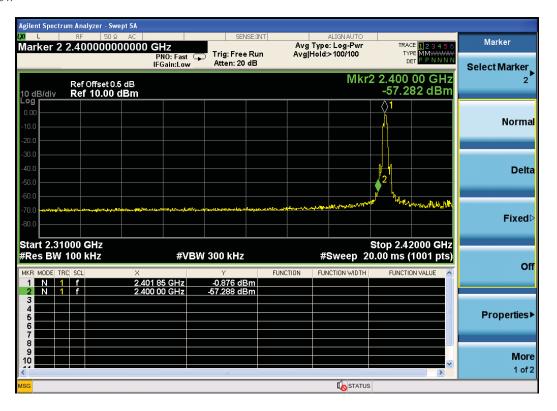
High



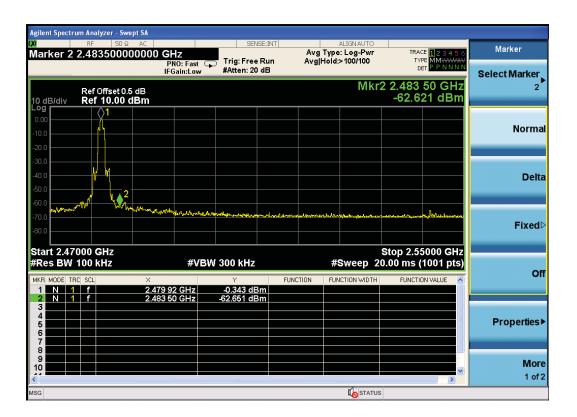


### $\pi$ /4 DQPSK

Low



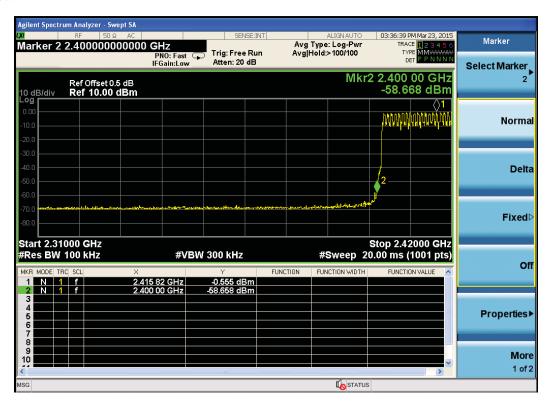
High



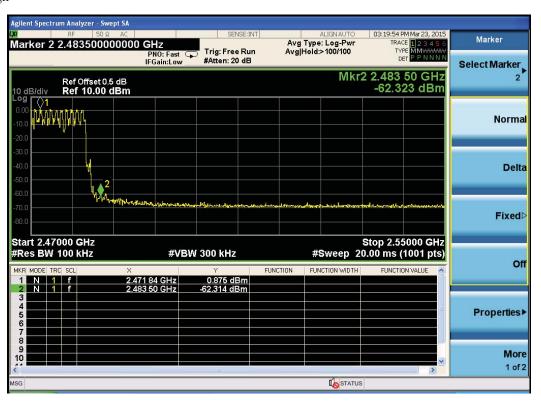


### Hopping

Low



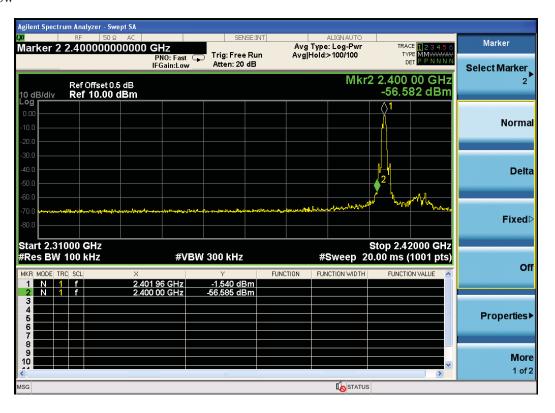
### High



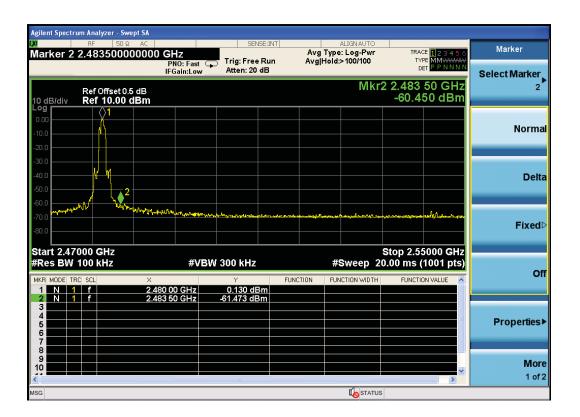


#### 8- DPSK

Low



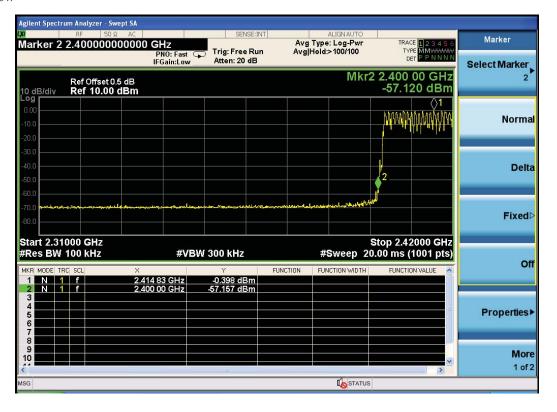
### High





### Hopping

Low



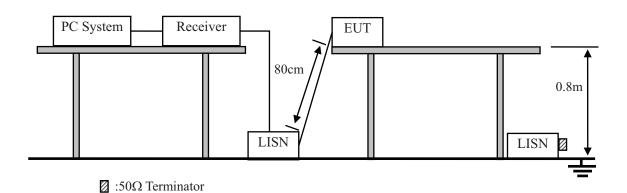
### High





# 10. Power Line Conducted Emissions

# 10.1.Block Diagram of Test Setup



# 10.2.Limit

	Maximum RF Line Voltage					
Frequency	Quasi-Peak Level	Average Level dB(µV)				
	dB(µV)					
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*				
500kHz ~ 5MHz	56	46				
5MHz ~ 30MHz	60	50				

Notes: 1. \* Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

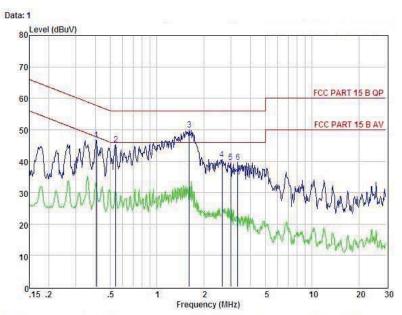
### 10.3. Test Procedure

- (1) The EUT was placed on a non-metallic table, 80cm above the ground plane.
- (2) Setup the EUT and simulator as shown in 10.1
- (3) The EUT Power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N2), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4 2009 on conducted Emission test.
- (4) The bandwidth of test receiver is set at 10KHz.
- (5) The frequency range from 150 KHz to 30MHz is checked.

### 10.4. Test Result

PASS. (See below detailed test data)





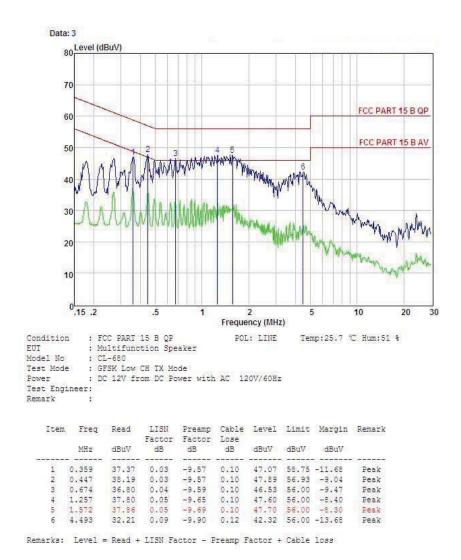
: FCC PARI 15 B QF POL: NEUTRA : Multifunction Speaker : CL-680 : GFSK Low CH TX Mode : DC 12V from DC Fower with AC 120V/60Hz Condition EUT POL: NEUTRAL Temp:25.7 °C Hum:51 %

Model No : Test Mode : Power : Test Engineer: Remark :

Item	Freq	Read	LISN	Preamp Factor		Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	0.407	36.95	0.03	-9.57	0.10	46.65	57.72	-11.07	Peak
2	0.541	35.46	0.03	-9.58	0.10	45.17	56.00	-10.83	Peak
3	1.612	40.21	0.05	-9.69	0.10	50.05	56.00	-5.95	Peak
4	2.620	30.62	0.06	-9.76	0.11	40.55	56.00	-15.45	Peak
5	2.989	29,66	0.07	-9,80	0.12	39.65	56.00	-16.35	Peak
6	3.322	29.58	0.08	-9.83	0.12	39.61	56.00	-16.39	Peak

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss





-3-

Note: If QP Result comply with AV limit, AV Result is deemed to comply with AV limit



# 11. Antenna Requirements

## 11.1.Limit

For intentional device, according to FCC 47 CFR Section 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. And according to FCC 47 CFR Section 15.247 (b), if 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 6dBi.

# 11.2.Result

The antennas used for this product are PCB Antenna for Bluetooth, no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 0dBi for Bluetooth.



# 12. Test setup photo

# 12.1.Photos of Radiated emission







# 12.2.Photos of Conducted Emission test



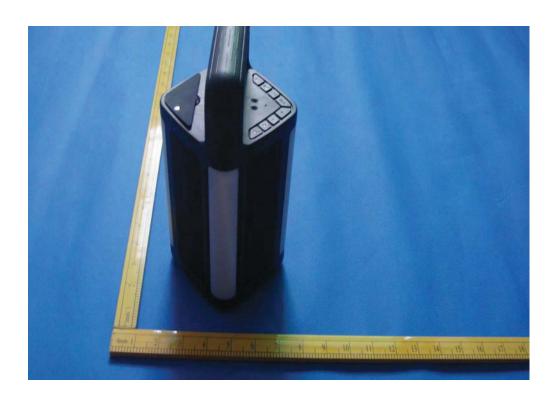


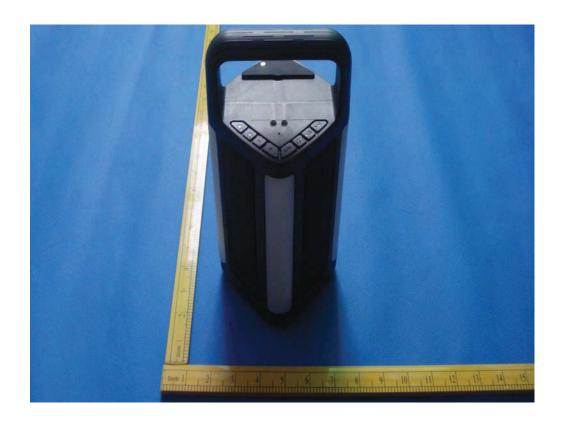
# 13. Photos of EUT



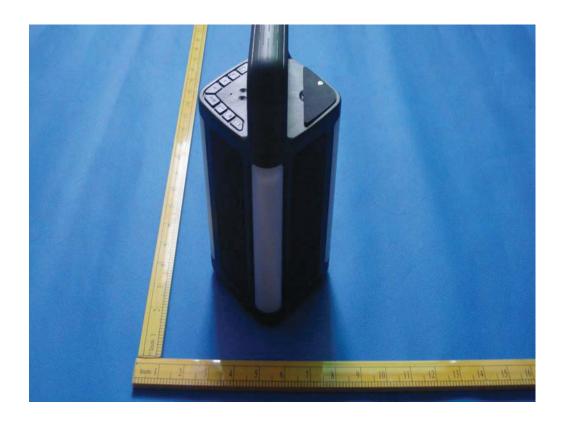






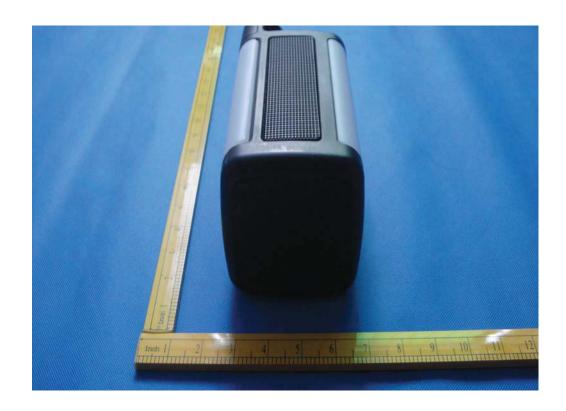






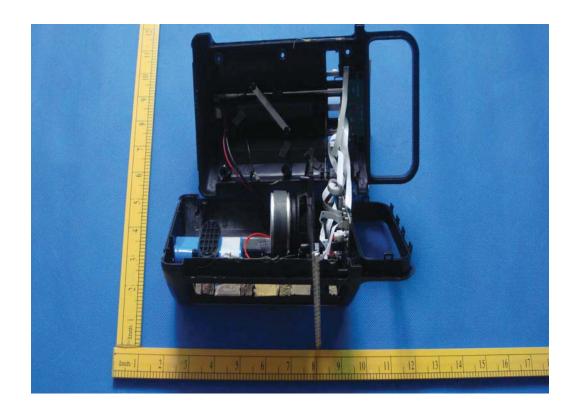


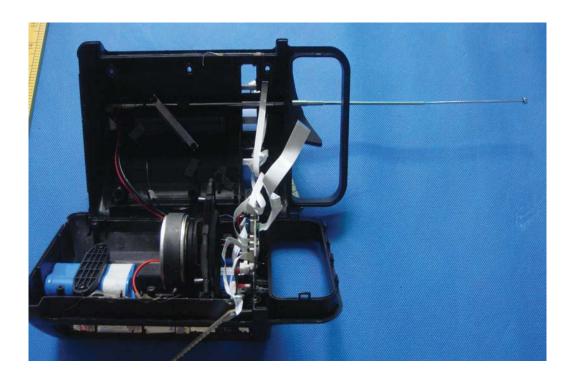




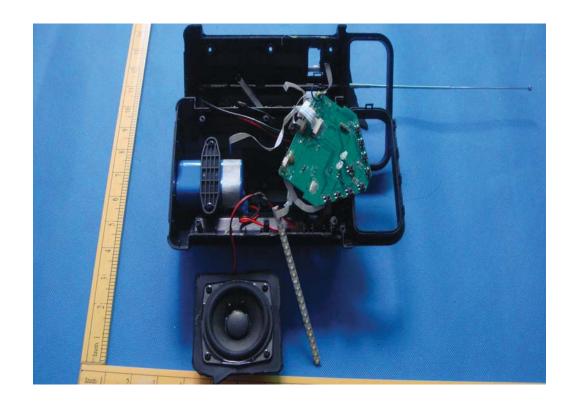


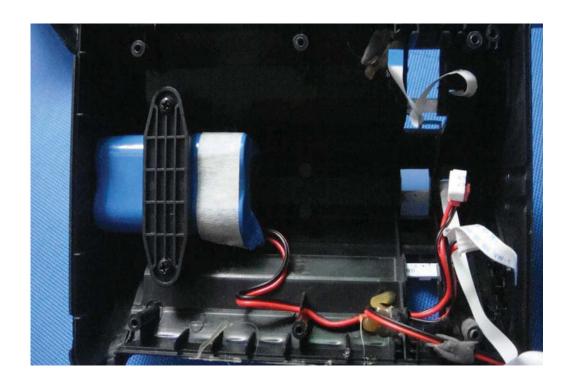




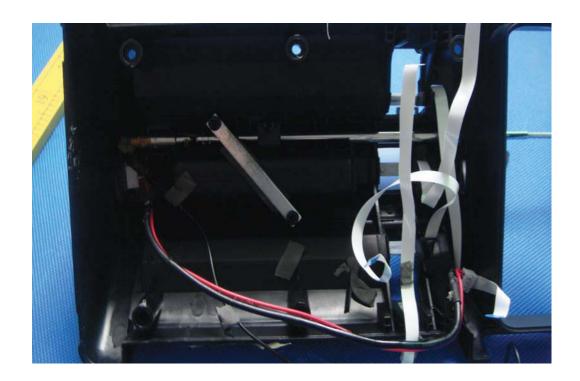


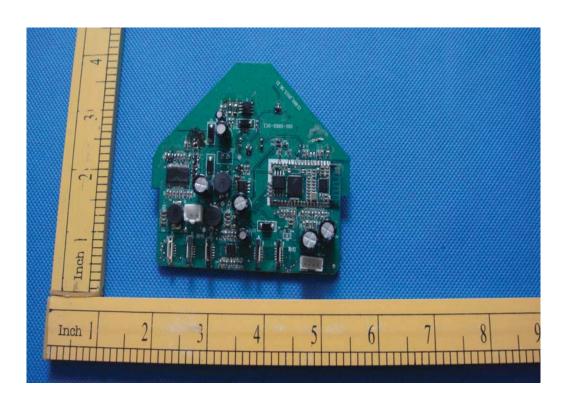




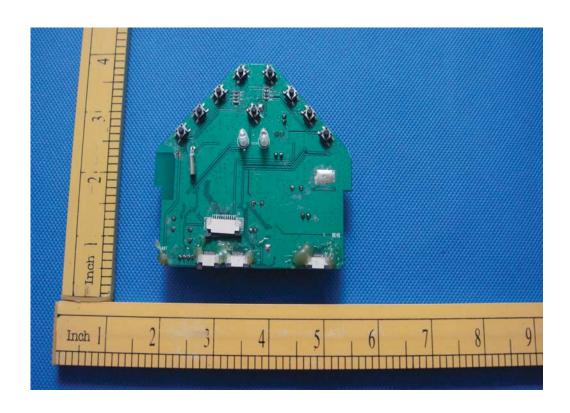


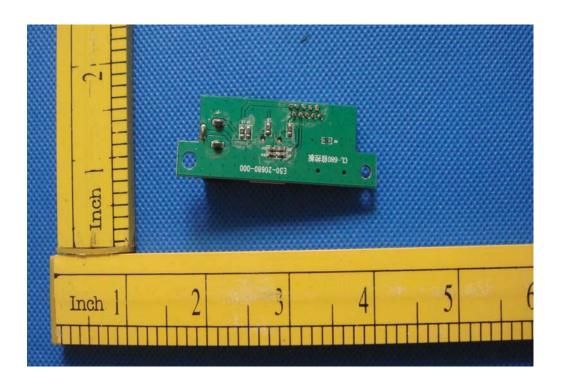




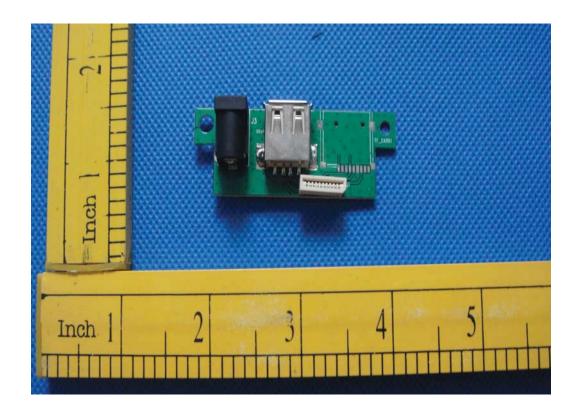












-----END OF THE REPORT-----