		1GF	Iz—25GI	Hz Radi	iated en	nissison Te	st result		
EUT	T: Telego	Speaker		M/N	: Telego	Speaker			
Pow	er: DC 3.	.7V From B	attery						
Test	date: 20	15-10-20	Test site	: 3m Cł	namber	Tested by	y: Reak		
Test	mode: 8-	- DQPSK T	x CH1 24	02MHz	Z				
Ante	enna pola	rity: Vertica	al						
No	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
1	4804	42.96	33.95	10.18	34.26	52.83	74	21.17	PK
2	4804	33.14	33.95	10.18	34.26	43.01	54	10.99	AV
3	7206	/							
4	9608	/							
5	12010	/							
Ante	enna Pola	rity: Horizo	ntal						
1	4804	43.55	33.95	10.18	34.26	53.42	74	20.58	PK
2	4804	34.17	33.95	10.18	34.26	44.04	54	9.96	AV
3	7206	/							
4	9608	/							
5	12010	/							

- 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.

1011-	OFCII-	Dadiatad	:	Test result
I ( TH 7-	-ノ <b>う(</b> †Hフ	Radiated	emissison	Lest result

EUT: Telego Speaker M/N: Telego Speaker

Power: DC 3.7V From Battery

Test date: 2015-10-20 Test site: 3m Chamber Tested by: Reak

Test mode: 8- DQPSK Tx CH40 2441MHz

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
4882	41.26	33.93	10.2	34.29	51.1	74	22.9	PK
4882	30.78	33.93	10.2	34.29	40.62	54	13.38	AV
7323	/							
9764	/							
12205	/							
na Polari	ty: Horizon	tal						
4882	44.26	33.93	10.2	34.29	54.1	74	19.9	PK
4882	33.91	33.93	10.2	34.29	43.75	54	10.25	AV
7323	/							
9764	/							
	(MHz)  4882  4882  7323  9764  12205  nna Polari  4882  4882  7323	Freq (MHz) Level (dBuV/m)  4882 41.26  4882 30.78  7323 /  9764 /  12205 /  nna Polarity: Horizon  4882 44.26  4882 33.91  7323 /	Freq (MHz) Level (dBuV/m) (dB/m)  4882 41.26 33.93  4882 30.78 33.93  7323 / 9764 / 12205 / nna Polarity: Horizontal  4882 44.26 33.93  4882 33.91 33.93  7323 /	Freq (MHz)         Level (dBuV/m)         Factor (dB/m)         loss(d B)           4882         41.26         33.93         10.2           4882         30.78         33.93         10.2           7323         /         9764         /           12205         /         9764         /           12205         /         9764         10.2           4882         44.26         33.93         10.2           4882         33.91         33.93         10.2           7323         /         9764         10.2	Freq (MHz) Level (dBuV/m) (dB/m) B) (dB)  4882 41.26 33.93 10.2 34.29  4882 30.78 33.93 10.2 34.29  7323 /	Freq (MHz) Level (dBuV/m) (dB/m) B) Gractor (dBuV/m) (dB/m) B) Result (dBuV/m) (dB) Gractor (dB) (dBuV/m) Gractor (dB) (dBuV/m) Gractor (dB) Gractor	Freq (MHz)         Level (dBuV/m)         Factor (dB/m)         loss(d B)         Factor (dB)         Result (dBuV/m)         (dBuV/m)         (dBuV/m)         (dBuV/m)         (dBuV/m)         (dBuV/m)         (dBuV/m)         (dBuV/m)         (dBuV/m)         m)           4882         41.26         33.93         10.2         34.29         40.62         54           7323         /	Freq (MHz)         Level (dBuV/m)         Factor (dB/m)         loss(d B)         Factor (dB)         Result (dBuV/m)         (dBuV/m)         Margin (dB)           4882         41.26         33.93         10.2         34.29         51.1         74         22.9           4882         30.78         33.93         10.2         34.29         40.62         54         13.38           7323         /

#### Note:

5 | 12205 |

- 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.

		1GI	Hz—25G	Hz Rad	iated en	nissison Tes	st result		
EU	Γ: Telego	Speaker	N	M/N: Te	elego Sp	oeaker			
Pov	ver: DC	3.7V From	Battery						
Tes	t date: 20	15-10-20	Test site	e: 3m C	hamber	Tested by	y: Reak		
Tes	t mode: 8	- DQPSK	Гх СН79	2480M	Hz				
Ant	enna pola	rity: Vertic	al						
No	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
1	4960	42.37	33.98	10.22	34.25	52.32	74	21.68	PK
2	4960	33.28	33.98	10.22	34.25	43.23	54	10.77	AV
3	7440	/							
4	9920	/							
5	12400	/							
Ant	enna Pola	arity: Horizo	ontal						
1	4960	42.29	33.98	10.22	34.25	52.24	74	21.76	PK
2	4960	32.63	33.98	10.22	34.25	42.58	54	11.42	AV
3	7440	/							

## 5 1 Note:

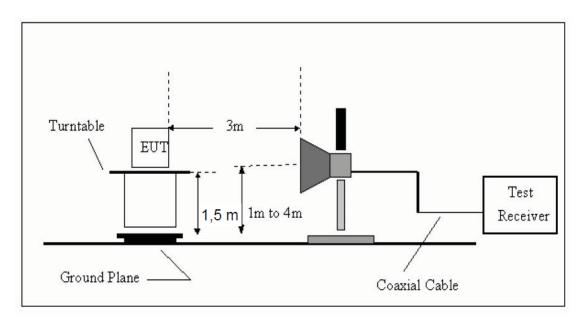
9920

12400

- 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 20dB 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)

			Duna L	<u>age 1 est</u>	resure			
EUT: Telego	Speaker		M/N	: Telego	Speaker			
Power: DC 3	.7V From b	attery						
Test date: 20	15-10-21	Test site	: 3m Cl	namber	Tested by	: Reak		
Test mode: T	x CH Low 2	2402MHz	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
2390	41.77	27.62	3.92	34.97	38.34	74	35.66	PK
Antenna Pola	rity: Horizo	ntal						
2390	40.25	27.62	3.92	34.97	36.82	74	37.18	PK
Mata						· · · · · · · · · · · · · · · · · · ·		

Band Edge Test result

- 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: Telego	Speaker		M/N	: Telego	Speaker			
Power: DC 3	.7V From b	attery						
Test date: 20	15-10-21	Test site:	3m Cha	amber	Tested by:	Reak		
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	50.22	27.89	4	34.97	47.14	74	26.86	PK
Antenna Pola	rity: Horizo	ontal						
2483.5	49.31	27.89	4	34.97	46.23	74	27.77	PK
Notar								

- 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 Ed	dge Test	result			
EUT: Telego	Speaker		M/N	: Telego	Speaker			
Power: DC 3.	.7V From b	attery						
Test date: 20	15-10-21	Test site	: 3m Cł	namber	Tested by	: Reak		
Test mode: T	X							
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	43.11	27.62	3.92	34.97	39.68	74	34.32	PK
Antenna Pola	rity: Horizo	ontal						
2390	42.56	27.62	3.92	34.97	39.13	74	34.87	PK
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.

## GFSK (Hopping High)

			Band Ed	dge Test	result			
EUT: Telego	Speaker		M/N	: Telego	Speaker			
Power: DC 3	.7V From b	attery						
Test date: 20	15-10-21	Test site	: 3m Cł	namber	Tested by	: Reak		
Test mode: T	X							
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	52.69	27.89	4	34.97	49.61	74	24.39	PK
Antenna Pola	rity: Horizo	ntal						
2483.5	51.34	27.89	4	34.97	48.26	74	25.74	PK
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.

 $\pi/4$  DQPSK (CH Low)

			Band Ed	ige Test	result			
EUT: Telego	Speaker		M/N	: Telego	Speaker			
Power: DC 3.	7V From b	attery						
Test date: 201	15-10-21	Test site	: 3m Cł	namber	Tested by	: Reak		
Test mode: T	x CH Low 2	2402MHz	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
2390	43.53	27.62	3.92	34.97	40.1	74	33.9	PK
Antenna Pola	rity: Horizo	ontal						
2390	42.95	27.62	3.92	34.97	39.52	74	34.48	PK
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: Telego	Speaker		M/N	: Telego	Speaker			
Power: DC 3.	.7V From b	attery						
Test date: 201	15-10-21	Test site	: 3m Cł	namber	Tested by	: Reak		
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	53.24	27.89	4	34.97	50.16	74	23.84	PK
Antenna Pola	l .rity: Horizo	ntal						
2483.5	52.19	27.89	4	34.97	49.11	74	24.89	PK
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: Telego	Speaker		M/N	: Telego	Speaker			
Power: DC 3.	.7V From b	attery						
Test date: 20	15-10-21	Test site	: 3m Cł	namber	Tested by	: Reak		
Test mode: T	X							
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	44.26	27.62	3.92	34.97	40.83	74	33.17	PK
Antonno Dolo	nity Honiza	antal						
Antenna Pola			2.02	24.07	40.21	7.4	22.60	DIZ
2390	43.74	27.62	3.92	34.97	40.31	74	33.69	PK
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 (Hopping High )

			Duna L	450 1 050	resure			
EUT: Telego	Speaker		M/N	: Telego	Speaker			
Power: DC 3	.7V From b	attery						
Test date: 20	15-10-21	Test site	: 3m Cl	namber	Tested by	: Reak		
Test mode: T	X							
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	52.88	27.89	4	34.97	49.8	74	24.2	PK
Antenna Pola	rity: Horizo	ntal	•	•				
2483.5	52.14	27.89	4	34.97	49.06	74	24.94	PK
Note:								

Band Edge Test result

- 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 Ed	dge Test	result				
EUT: Telego Speaker M/N: Telego Speaker									
Power: DC 3.	7V From ba	attery							
Test date: 201	15-10-21	Test site	: 3m Cł	namber	Tested by	: Reak			
Test mode: T	x CH Low 2	2402MHz	Z						
Antenna pola	rity: Vertica	al							
Freq (MHz) Read Antenna Cable Amp (Amp (Amp (Amp (Amp (Amp (Amp (Amp								Remark	
2390	43.45	27.62	3.92	34.97	40.02	74	33.98	PK	
Antonno Dolo	uitan II ania	to1							
Antenna Pola			2.02	24.07	20.54	7.4	24.46	DIZ	
2390	42.97	27.62	3.92	34.97	39.54	74	34.46	PK	

- 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: Telego	Speaker		M/N	: Telego	Speaker					
Power: DC 3	.7V From b	attery								
Test date: 2015-10-21 Test site: 3m Chamber Tested by: Reak										
Test mode: T	x CH High	2480MH	Z							
Antenna pola	Antenna polarity: Vertical									
Freq (MHz) Read Level Factor (dBuV/m) (dB/m) Result (dBuV/m) Result (dBuV/m) (dB) Result (dBuV/m) (dB)							Remark			
2483.5	52.19	27.89	4	34.97	49.11	74	24.89	PK		
Antenna Pola	arity: Horizo	ntal								
2483.5	50.36	27.89	4	34.97	47.28	74	26.72	PK		
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 Low)

			Band Ed	dge Test	result					
EUT: Telego	Speaker		M/N	: Telego	Speaker .					
Power: DC 3	.7V From b	attery								
Test date: 2015-10-21 Test site: 3m Chamber Tested by: Reak										
Test mode: T	X									
Antenna pola	rity: Vertica	al								
Freq (MHz) Read Antenna Cable Amp (Amp (Amp (Amp (Amp (Amp (Amp (Amp										
2390	43.22	27.62	3.92	34.97	39.79	74	34.21	PK		
Antenna Pola	rity: Horizo	ntal	•	•						
2390	42.37	27.62	3.92	34.97	38.94	74	35.06	PK		
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.

8- DPSK (Hopping High )

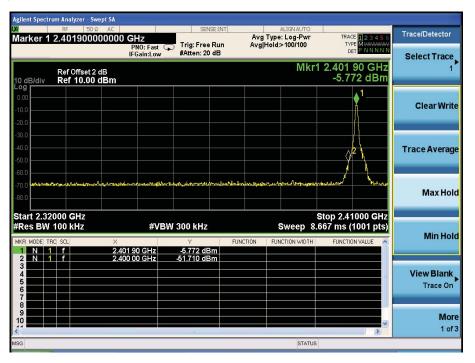
			Band Ed	dge Test	result				
EUT: Telego	EUT: Telego Speaker M/N: Telego Speaker								
Power: DC 3	.7V From b	attery							
Test date: 20	15-10-21	Test site	: 3m Cł	namber	Tested by	: Reak			
Test mode: T	X								
Antenna pola	rity: Vertica	al							
Freq Level Factor loss(d Factor (dBuV/m) (dB/m) B) Result (dBuV/m) Limit (dBuV/m) Margin (dB) Remark									
2483.5	52.63	27.89	4	34.97	49.55	74	24.45	PK	
Antenna Pola	ırity: Horizo	ntal							
2483.5	51.78	27.89	4	34.97	48.7	74	25.3	PK	
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.

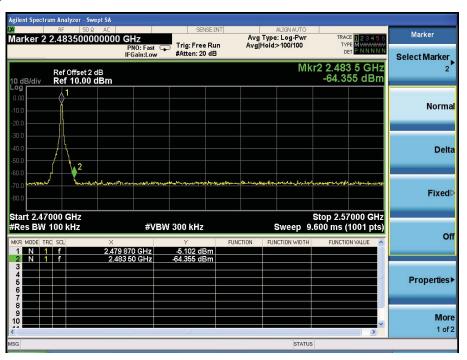
Conducted Method

**GFSK** 

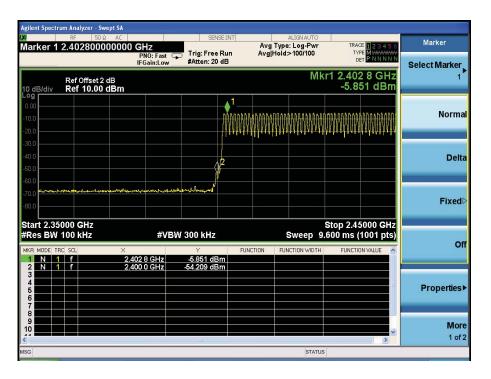
CH LOW:



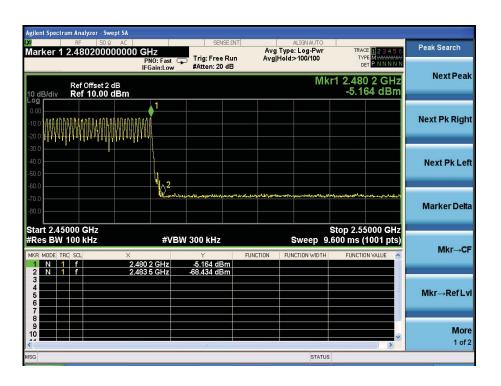
## CH High:



## Hopping Low

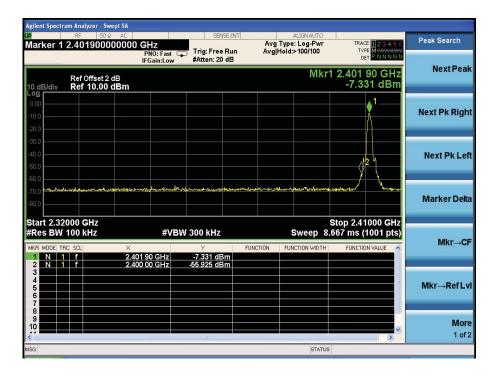


## High

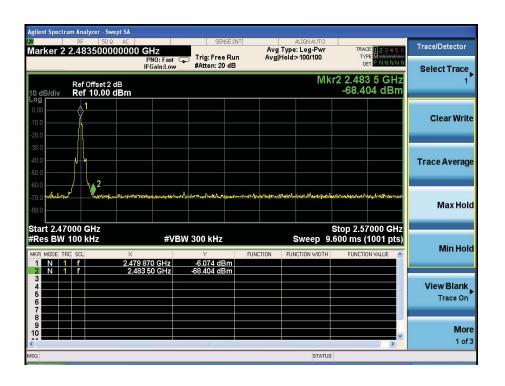


## $\pi$ /4 DQPSK

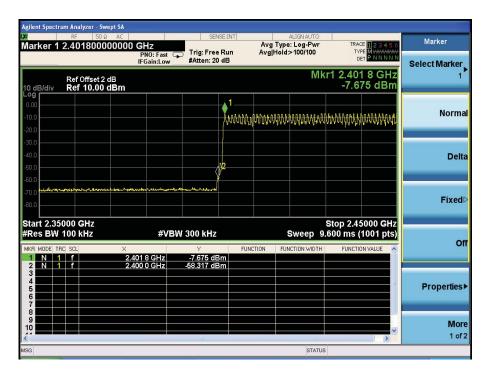
#### Low



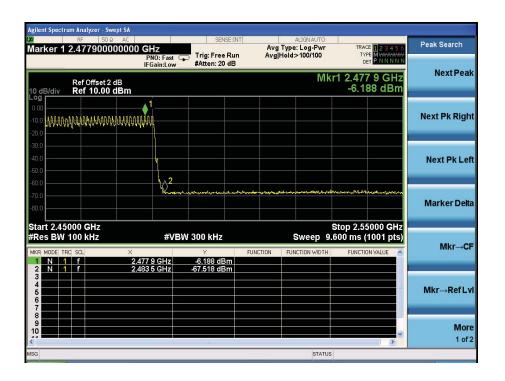
High



## Hopping Low

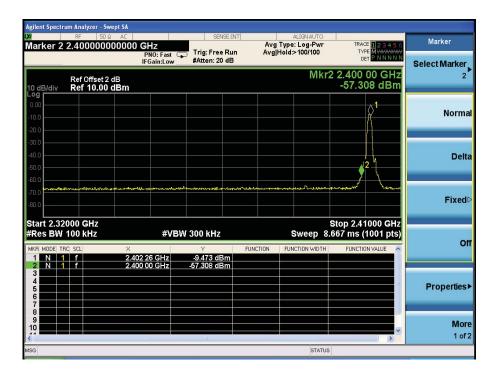


## High

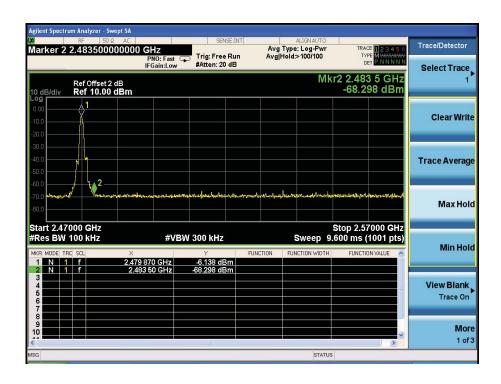


#### 8- DPSK:

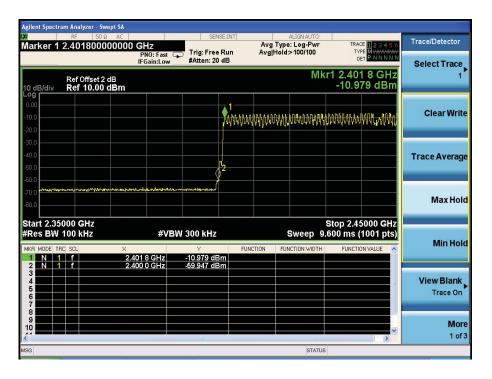
Low



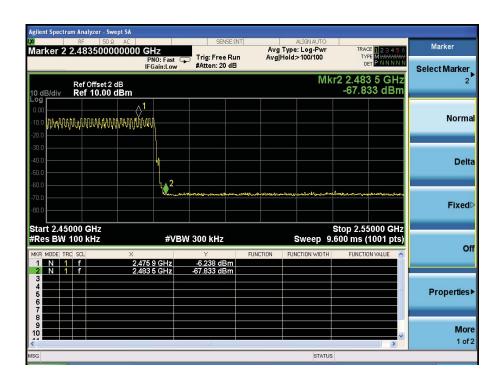
High



## Hopping Low

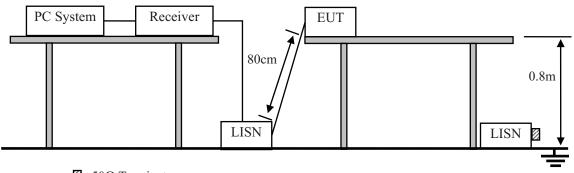


## High



## 10. Power Line Conducted Emissions

## 10.1.Block Diagram of Test Setup



 $\square$  :50 $\Omega$  Terminator

## 10.2.Limit

	Maximum RF Line Voltage					
Frequency	Quasi-Peak Level	Average Level				
	dB(µV)	$dB(\mu V)$				
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 C63.4:2014on 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

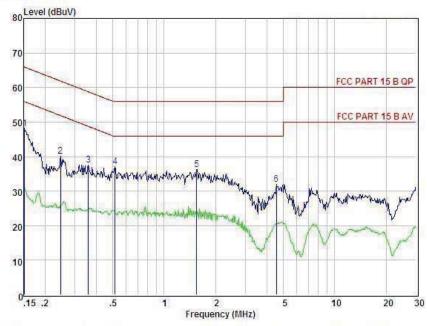
PASS. (See below detailed test data)

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



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Website





Condition : FCC PARI 15 B QP POL: LINE Temp:25.7 °C Hum:51 %

EUT Model No

Test Mode : Link Mode
Power : DC 5V From PC

Test Engineer: Reak

Remark

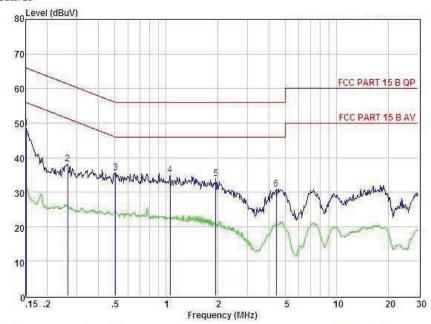
	Item	Freq	Read	LISN Factor	Preamp Factor	Cable Lose	Level	Limit	Margin	Remark
		MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
8		0.152	38.10	0.03	-9.72	0.10	47.95	THE CONTRACTOR	-17.96	Peak
	2	0.247	30.27	0.03	-9.72	0.10	40.12	61.86	-21.74	Peak
	3	0.360	27.77	0.03	-9.72	0.10	37.62	58.74	-21.12	Peak
	4	0.516	27.19	0.03	-9.72	0.10	37.04	56.00	-18.96	Peak
	5	1.552	26.48	0.05	-9.71	0.10	36.34	56.00	-19.66	Peak
	6	4.549	22.01	0.09	-9.68	0.12	31.90	56.00	-24.10	Peak

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



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POL: NEUTRAL Temp:25.7 °C Hum:51 %

Condition : FCC PART 15 B QP

EUT : Model No :

Test Mode : Link Mode
Power : DC 5V From PC

Test Engineer: Reak

Remark

	Item	Freq	Read	LISN	Preamp	Cable	Level	Limit	Margin	Remark
		MHz	dBuV	Factor dB	Factor dB	Lose	dBuV	dBuV	dBuV	
-	1	0.151	38.65	0.03	-9.72	0.10	48.50	65.96	-17.46	Peak
	2	0.264	28.22	0.03	-9.72	0.10	38.07	61.29	-23.22	Peak
	3	0.505	25.74	0.03	-9.72	0.10	35.59	56.00	-20.41	Peak
	4	1.054	25.13	0.04	-9.71	0.10	34.98	56.00	-21.02	Peak
	5	1.949	24.07	0,06	-9,70	0.10	33,93	56.00	-22.07	Peak
	6	4.407	20.91	0.09	-9.68	0.12	30.80	56.00	-25.20	Peak

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

# 11. Antenna Requirements

## 11.1.Limit

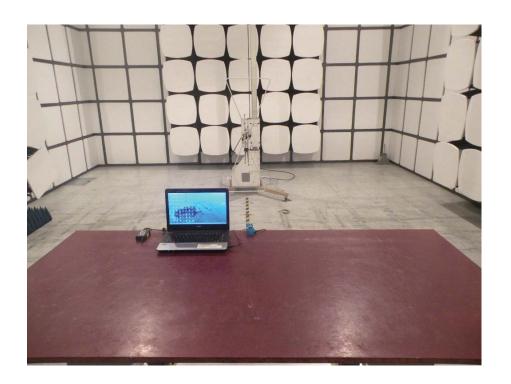
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional 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.

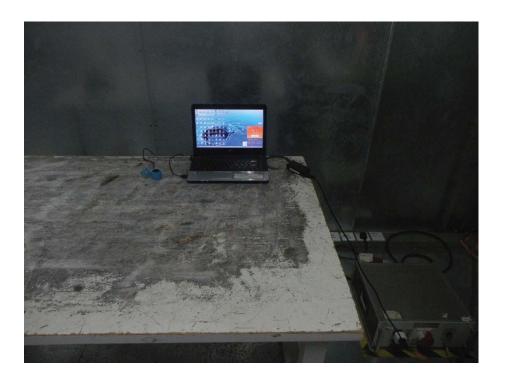
# 12. Test setup photo

# 12.1.Photos of Radiated emission





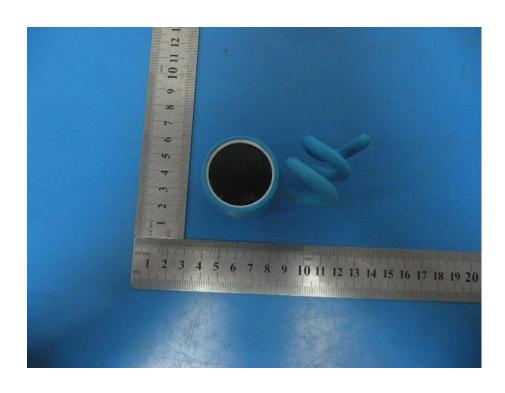
# 12.2.Photos of Conducted Emission test



# 13. Photos of EUT

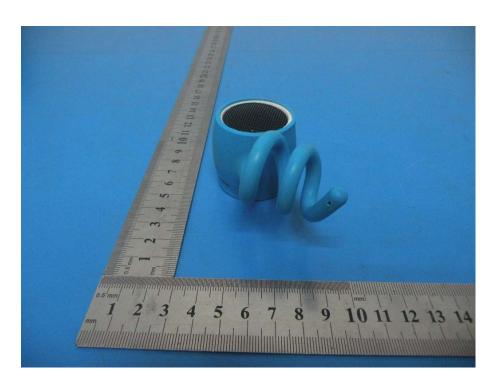


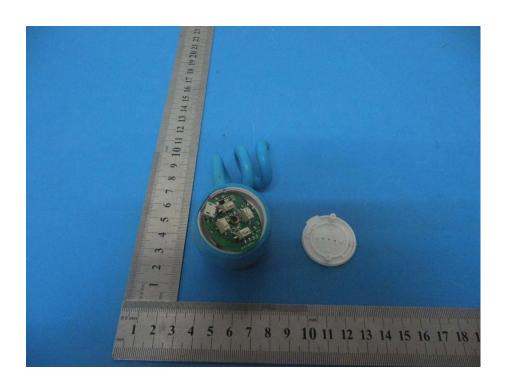




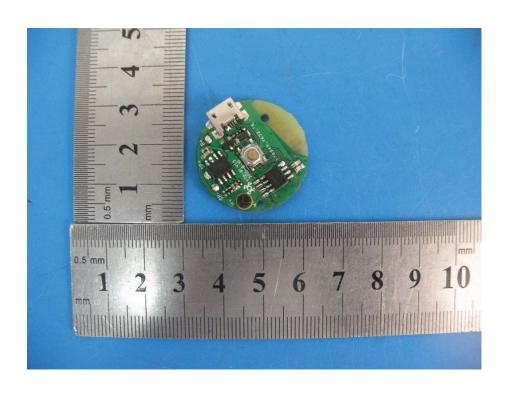


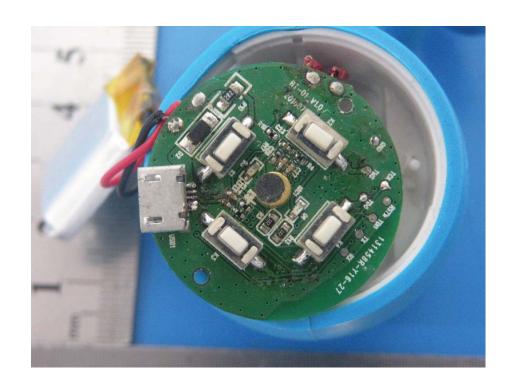


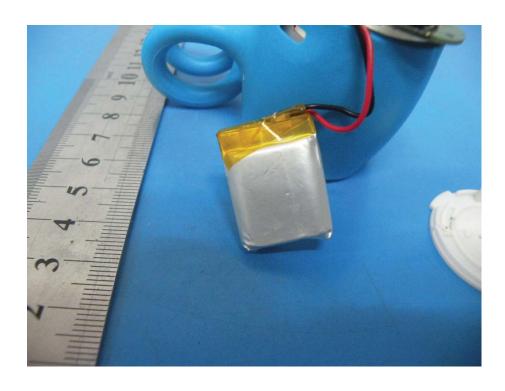


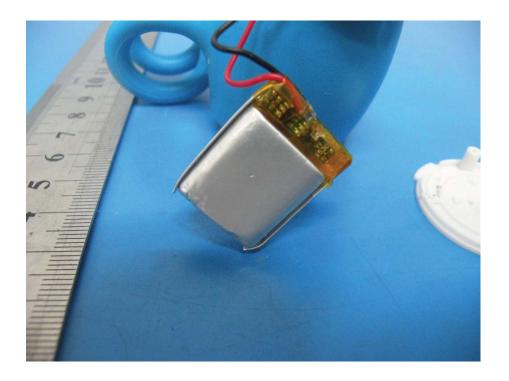












-----END OF THE REPORT-----