		1GI	Hz—25G	Hz Rad	iated en	nissison Tes	st result		
EU.	Γ: Car M	ultimedia P	layer	M	/N: ST-	-6527BT			
Pow	er: DC 1	2V From B	attery						
Test	t date: 20	16-04-12	Test site:	3m Ch	amber	Tested by:	Reak		
Test	t mode:	π /4 DQPSI	K Tx Cl	H79 248	80MHz				
Ant	enna pola	arity: 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	43.89	33.98	10.22	34.25	53.84	74	20.16	PK
2	4960	32.66	33.98	10.22	34.25	42.61	54	11.39	AV
3	7440	/							
4	9920	/							
5	12400	/							
Ant	enna Pola	arity: Horiz	ontal						
1	4960	44.58	33.98	10.22	34.25	54.53	74	19.47	PK
2	4960	33.87	33.98	10.22	34.25	43.82	54	10.18	AV
3	7440	/							
4	9920	/							
5	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.

1 011	O C CITT	D 11 . 1		TD . 1.
1(tH7—	−25(iHz	Radiated	emissison	Test result

EUT: Car Multimedia Player M/N: ST-6527BT

Power: DC 12V From Battery

Test date: 2016-04-12 Test site: 3m Chamber Tested by: Reak

Test mode: 8- DQPSK Tx CH1 2402MHz

Antenna polarity: Vertical

	Porter	110) 01010.							
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	42.21	33.95	10.18	34.26	52.08	74	21.92	PK
2	4804	31.96	33.95	10.18	34.26	41.83	54	12.17	AV
3	7206	/							
4	9608	/							
5	12010	/							
Ante	enna Pola	rity: Horizo	ontal						
1	4804	44.51	33.95	10.18	34.26	54.38	74	19.62	PK
2	4804	34.28	33.95	10.18	34.26	44.15	54	9.85	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.

1GHz—	-25GHz	Radiated	emissison	Test result

EUT: Car Multimedia Player M/N: ST-6527BT

Power: DC 12V From Battery

Test date: 2016-04-12 Test site: 3m Chamber Tested by: Reak

Test mode: 8- DQPSK Tx CH40 2441MHz

Antenna polarity: Vertical

		-							
No	Freq	Read Level	Antenna Factor	Cable loss(d	Amp Factor	Result	Limit (dBuV/	Margin	Remark
	(MHz)	(dBuV/m)	(dB/m)	B)	(dB)	(dBuV/m)	m)	(dB)	1101110111
1	4882	43.01	33.93	10.2	34.29	52.85	74	21.15	PK
2	4882	32.76	33.93	10.2	34.29	42.6	54	11.4	AV
3	7323	/							
4	9764	/							
5	12205	/							
Anter	nna Polari	ty: Horizon	tal						
1	4882	45.58	33.93	10.2	34.29	55.42	74	18.58	PK
2	4882	34.74	33.93	10.2	34.29	44.58	54	9.42	AV
3	7323	/							

5 Note:

9764

12205

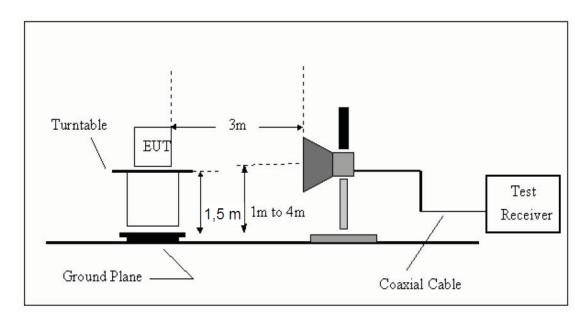
- 1, Measuring frequency from 1GHz to 25GHz
- 2, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
- 2, Spectrum Set for AV measure: RBW=1MHz, VBW=10Hz, Sweep time=Auto, Detector: PK
- 3, Result = Read level + Antenna factor + cable loss-Amp factor
- 4, All the other emissions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

	1GHz—25GHz Radiated emissison Test result												
EU'	EUT: Car Multimedia Player M/N: ST-6527BT												
Pow	Power: DC 12V From Battery												
Tes	Test date: 2016-04-12 Test site: 3m Chamber Tested by: Reak												
Tes	Test mode: 8- DQPSK Tx CH79 2480MHz												
Ant	Antenna polarity: Vertical												
No	No Freq (MHz) Read Level Factor (dBuV/m) (dB/m) Result (dBuV/m) Result (dBuV/m) Remark (dBuV/m) Remark												
1	1 4960 42.54 33.98 10.22 34.25 52.49 74 21.51 PK												
2	4960	31.96	33.98	10.22	34.25	41.91	54	12.09	AV				
3	7440	/											
4	9920	/											
5	12400	/											
Ant	enna Pola	arity: Horizo	ontal										
1	4960	44.78	33.98	10.22	34.25	54.73	74	19.27	PK				
2	4960	34.17	33.98	10.22	34.25	44.12	54	9.88	AV				
3	7440	/											
4	9920	/											
5	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)

			Danu E	age resi	resuit			
EUT: Car Mu	ıltimedia Pl	ayer	N	//N: ST	-6527BT			
Power: DC 12	2V From Ba	attery						
Test date: 201	16-04-12	Test site	: 3m Cl	namber	Tested by	: Reak		
Test mode: T	x CH Low 2	2402MHz	Z					
Antenna pola	rity: Vertica	al						
	Read	Antenna	Cable	Amp	D 1	T ' '/	3.6	
Freq	Level	Factor	loss(d	Factor	Result	Limit	Margin	Remark
(MHz)	(dBuV/m)	(dB/m)	B)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
2390	41.51	27.62	3.92	34.97	38.08	74	35.92	PK
Antenna Pola	rity: Horizo	ontal	l					
2390	43.65	27.62	3.92	34.97	40.22	74	33.78	PK
N.T.	1	l .	·	1	I.			

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				
ıltimedia Pl	ayer	N	1/N: ST	-6527BT				
2V From Ba	attery							
16-04-12	Test site:	3m Cha	ımber	Tested by:	Reak			
x CH High	2480MH	Z						
rity: Vertica	al							
Read Level (dBuV/m)	Factor		Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	
2483.5 44.28 27.89 4 34.97 41.2 74 32.8 PK								
rity: Horizo	ntal							
46.57	27.89	4	34.97	43.49	74	30.51	PK	
1	2V From Ba 16-04-12 x CH High rity: Vertica Read Level (dBuV/m) 44.28	Iltimedia Player 2V From Battery 16-04-12 Test site: x CH High 2480MHz rity: Vertical Read Antenna Level Factor (dBuV/m) (dB/m) 44.28 27.89 rity: Horizontal	Iltimedia Player 2V From Battery 16-04-12 Test site: 3m Chax CH High 2480MHz rity: Vertical Read Antenna Cable Level Factor loss(d (dBuV/m) (dB/m) B) 44.28 27.89 4 rity: Horizontal	Iltimedia Player M/N: ST 2V From Battery 16-04-12 Test site: 3m Chamber x CH High 2480MHz rity: Vertical Read Antenna Cable Amp Level Factor loss(d Factor (dBuV/m) (dB/m) B) (dB) 44.28 27.89 4 34.97 rity: Horizontal	2V From Battery 16-04-12 Test site: 3m Chamber Tested by: x CH High 2480MHz rity: Vertical Read Antenna Cable Amp Level Factor loss(d Factor (dBuV/m) (dB/m) B) (dB) 44.28 27.89 4 34.97 41.2 rity: Horizontal	Iltimedia Player M/N: ST-6527BT 2V From Battery 16-04-12 Test site: 3m Chamber Tested by: Reak x CH High 2480MHz rity: Vertical Read Antenna Cable Amp Level Factor (dBuV/m) (dB/m) B) (dB) 44.28 27.89 4 34.97 41.2 74 rity: Horizontal	Iltimedia Player M/N: ST-6527BT 2V From Battery 16-04-12 Test site: 3m Chamber Tested by: Reak x CH High 2480MHz rity: Vertical Read Antenna Cable Amp Factor (dBuV/m) (dB/m) B) (dB) 44.28 27.89 4 34.97 41.2 74 32.8 rity: Horizontal	

- 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	ige Test	result								
ltimedia Pl	ayer	N	1/N: ST	-6527BT								
2V From Ba	attery											
6-04-12	Test site	: 3m Cł	namber	Tested by	: Reak							
K												
rity: Vertica	ıl											
Freq Level Factor loss(d Factor (dBuV/m) (dB/m) B) Result (dBuV/m) Limit (dBuV/m) Margin (dB) Remark												
2390 41.56 27.62 3.92 34.97 38.13 74 35.87 PK												
rity: Horizo	ontal											
44.21	27.62	3.92	34.97	40.78	74	33.22	PK					
	eV From Ba 6-04-12 crity: Vertica Read Level (dBuV/m) 41.56	rity: Vertical Read Antenna Level Factor (dBuV/m) (dB/m) 41.56 27.62	Itimedia Player 2V From Battery 6-04-12 Test site: 3m Characterity: Vertical Read Antenna Cable Level Factor loss(d (dBuV/m) (dB/m) B) 41.56 27.62 3.92 Antenna Cable Factor loss(d rity: Horizontal	Itimedia Player M/N: ST 2 V From Battery 6-04-12 Test site: 3m Chamber (a) Pity: Vertical Read Antenna Cable Amp Level Factor loss(d Factor (dBuV/m) (dB/m) B) (dB) 41.56 27.62 3.92 34.97 Prity: Horizontal	Read Antenna Cable Amp Result (dBuV/m) (dB/m) B) (dB) 41.56 27.62 3.92 34.97 38.13	Itimedia Player M/N: ST-6527BT 2V From Battery 6-04-12 Test site: 3m Chamber Tested by: Reak City: Vertical Read Level Factor (dBuV/m) (dB/m) B) (dB) 41.56 27.62 3.92 34.97 38.13 74 City: Horizontal	Itimedia Player M/N: ST-6527BT 2 V From Battery 6-04-12 Test site: 3m Chamber Tested by: Reak City: Vertical Read Antenna Cable Amp Factor (dBuV/m) (dB/m) B) (dB) 41.56 27.62 3.92 34.97 38.13 74 35.87 City: Horizontal					

- 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: Car Mu	ıltimedia Pl	ayer	N	1/N: ST	-6527BT							
Power: DC 12	2V From Ba	attery										
Test date: 201	16-04-12	Test site	: 3m Cl	namber	Tested by	: Reak						
Test mode: T	X											
Antenna pola	rity: Vertica	al										
Freq Level Factor (dBuV/m) (dB/m) B) Result (dBuV/m) Result (dBuV/m) Remark												
2483.5 44.72 27.89 4 34.97 41.64 74 32.36 PK												
Antenna Pola	rity: Horizo	ontal										
2483.5	46.85	27.89	4	34.97	43.77	74	30.23	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.

π /4 DQPSK (CH Low)

		/	Band Ed	dge Test	result							
EUT: Car Mı	ıltimedia Pl	ayer	N	1/N: ST	-6527BT							
Power: DC 1	2V From Ba	attery										
Test date: 20	16-04-12	Test site	: 3m Cł	namber	Tested by	: Reak						
Test mode: T	x CH Low	2402MHz	<u></u>		<u> </u>							
Antenna pola	rity: Vertica	al										
Freq (MHz) Read Level Factor (dBuV/m) Result (dBuV/m) Remark (dBuV/m) Remark												
2390 43.96 27.62 3.92 34.97 40.53 74 33.47 PK												
Antenna Pola	rity: Horizo	ntal		•								
2390	45.88	27.62	3.92	34.97	42.45	74	31.55	PK				
Niata	1	1										

- 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 (CH High)

			Band Ed	dge Test	result							
EUT: Car Mu	EUT: Car Multimedia Player M/N: ST-6527BT											
Power: DC 12	2V From Ba	attery										
Test date: 20	Test date: 2016-04-12 Test site: 3m Chamber Tested by: Reak											
Test mode: Tx CH High 2480MHz												
Antenna pola	rity: Vertica	al										
Freq Level Factor loss(d Factor (dBuV/m) (dB/m) B) (dB) Result (dBuV/m) Limit (dBuV/m) Margin (dB) Remark												
2483.5												
Antenna Pola	rity: Horizo	ontal										
2483.5	46.55	27.89	4	34.97	43.47	74	30.53	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 Edge Test result								
EUT: Car Mu	ıltimedia Pl	ayer	N	1/N: ST	-6527BT			
Power: DC 12	2V From Ba	attery						
Test date: 2016-04-12 Test site: 3m Chamber Tested by: Reak								
Test mode: T	X							
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	42.19	27.62	3.92	34.97	38.76	74	35.24	PK
Antenna Polarity: Horizontal								
2390	44.66	27.62	3.92	34.97	41.23	74	32.77	PK
							1	

- 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 Edge Test result							
ıltimedia Pl	ayer	N	1/N: ST	-6527BT			
Power: DC 12V From Battery							
Test date: 2016-04-12 Test site: 3m Chamber Tested by: Reak							
X							
rity: Vertica	al						
Read Level (dBuV/m)	Factor		Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
45.19	27.89	4	34.97	42.11	74	31.89	PK
Antenna Polarity: Horizontal							
47.87	27.89	4	34.97	44.79	74	29.21	PK
	2V From Ba 16-04-12 x rity: Vertica Read Level (dBuV/m) 45.19	rity: Vertical Read Antenna Level Factor (dBuV/m) (dB/m) 45.19 27.89 rity: Horizontal	rity: Horizontal	rity: Horizontal	rity: Horizontal	Iltimedia Player M/N: ST-6527BT 2V From Battery 16-04-12 Test site: 3m Chamber Tested by: Reak x rity: Vertical Read Antenna Cable Amp Factor (dBuV/m) (dB/m) B) (dB) 45.19 27.89 4 34.97 42.11 74 rity: Horizontal	Iltimedia Player M/N: ST-6527BT 2V From Battery 16-04-12 Test site: 3m Chamber Tested by: Reak x rity: Vertical Read Antenna Cable Amp Factor (dBuV/m) (dB/m) B) (dB) 45.19 27.89 4 34.97 42.11 74 31.89 rity: Horizontal

- 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: Car Mu	EUT: Car Multimedia Player M/N: ST-6527BT							
Power: DC 12	Power: DC 12V From Battery							
Test date: 2016-04-12 Test site: 3m Chamber 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	43.22	27.62	3.92	34.97	39.79	74	34.21	PK
		_						
Antenna Pola	rity: Horizo	ontal		Т			ı	
2390	45.36	27.62	3.92	34.97	41.93	74	32.07	PK
. T								

- 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)

EUT: Car Mu	ıltimedia Pl	ayer	N	1/N: ST	-6527BT			
Power: DC 1	2V From Ba	attery						
Test date: 20	16-04-12	Test site	: 3m Cl	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)	Cable loss(d B)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	45.72	27.89	4	34.97	42.64	74	31.36	PK
Antenna Pola	ırity: Horizo	ontal						
2483.5	47.58	27.89	4	34.97	44.5	74	29.5	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 (Hopping Low)

Band Edge Test result							
EUT: Car Multimedia Player M/N: ST-6527BT							
2V From Ba	attery						
6-04-12	Test site	: 3m Cł	namber	Tested by	: Reak		
X							
rity: Vertica	al						
Read Level (dBuV/m)	Factor		Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
43.17	27.62	3.92	34.97	39.74	74	34.26	PK
rity: Horizo	ontal						
45.28	27.62	3.92	34.97	41.85	74	32.15	PK
	2V From Ba 6-04-12 x rity: Vertica Read Level (dBuV/m) 43.17	Read Antenna Level Factor (dBuV/m) (dB/m) 43.17 27.62	Iltimedia Player 2V From Battery 6-04-12 Test site: 3m Characterity: Vertical Read Antenna Cable Level Factor loss(d (dBuV/m) (dB/m) B) 43.17 27.62 3.92 rity: Horizontal	Iltimedia Player M/N: ST 2V From Battery 6-04-12 Test site: 3m Chamber x rity: Vertical Read Antenna Cable Amp Level Factor loss(d Factor (dBuV/m) (dB/m) B) (dB) 43.17 27.62 3.92 34.97	Iltimedia Player M/N: ST-6527BT 2V From Battery 6-04-12 Test site: 3m Chamber Tested by a rity: Vertical Read Antenna Cable Amp Level Factor loss(d Factor (dBuV/m) (dB/m) B) (dB) 43.17 27.62 3.92 34.97 39.74 rity: Horizontal	Iltimedia Player M/N: ST-6527BT 2V From Battery 6-04-12 Test site: 3m Chamber Tested by: Reak rity: Vertical Read Antenna Cable Factor (dBuV/m) (dB/m) B) (dB) 43.17 27.62 3.92 34.97 39.74 74 rity: Horizontal	Iltimedia Player M/N: ST-6527BT 2V From Battery 6-04-12 Test site: 3m Chamber Tested by: Reak rity: Vertical Read Level Factor (dBuV/m) (dB/m) B) (dB) 43.17 27.62 3.92 34.97 39.74 74 34.26 rity: Horizontal

- 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 Testit								
EUT: Car M	EUT: Car Multimedia Player M/N: ST-6527BT							
Power: DC 1	Power: DC 12V From Battery							
Test date: 2016-04-12 Test site: 3m Chamber Tested by: Reak								
Test mode: T	Test mode: Tx							
Antenna pola	arity: Vertica	al						
	Read	Antenna	Cable	Amp	D 1	Limit	Manain	
Freq	Level	Factor	loss(d	Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
(MHz)	(dBuV/m)	(dB/m)	B)	(dB)	(ubu v/III)	(ubu v/III)	(ub)	
2483.5	45.89	27.89	4	34.97	42.81	74	31.19	PK
Antenna Pola	arity: Horizo	ontal						
2483.5	48.21	27.89	4	34.97	45.13	74	28.87	PK
1								

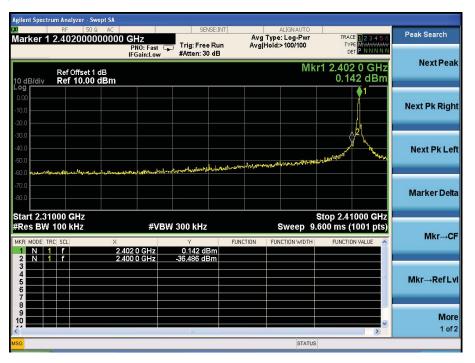
Band Edge Test result

- 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.

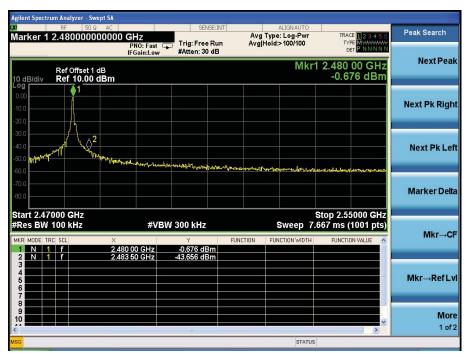
Conducted Method

GFSK

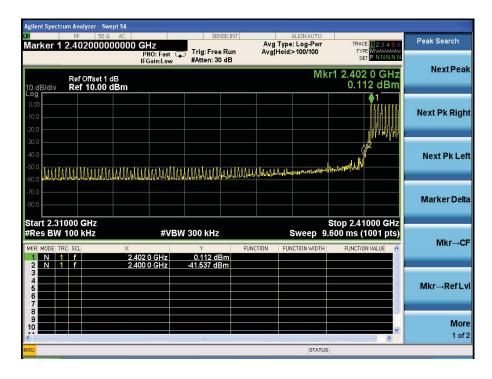
CH LOW:

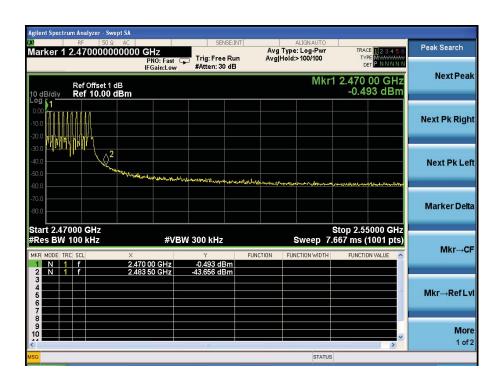


CH High:



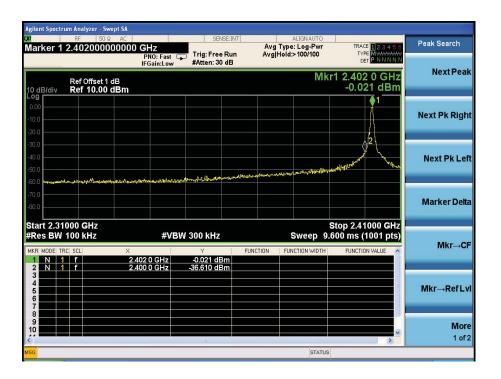
Hopping Low



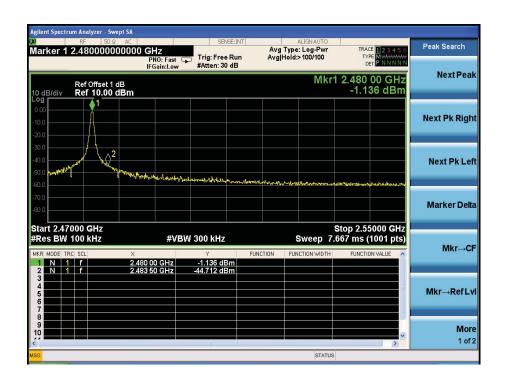


π /4 DQPSK

Low

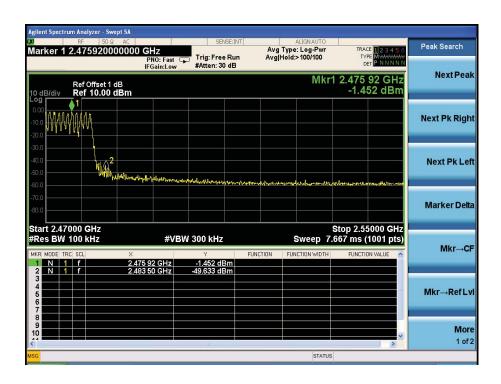


High



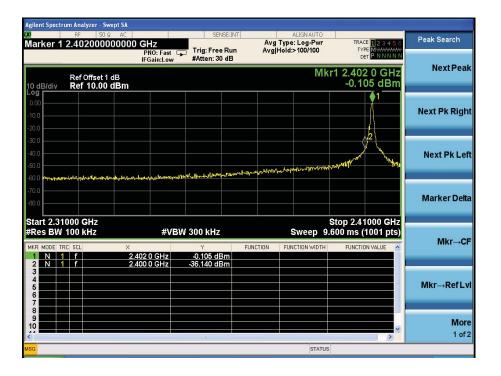
Hopping Low

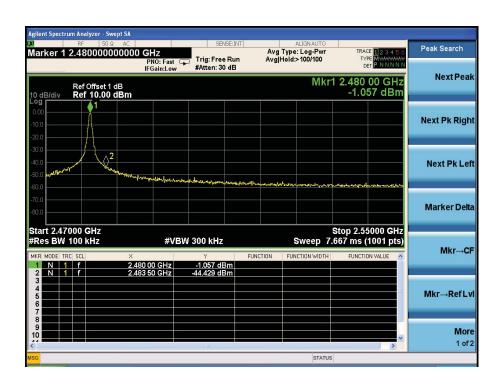




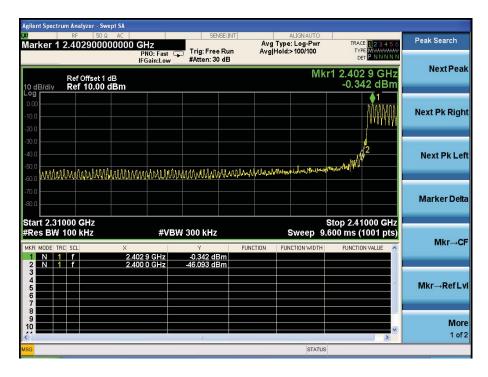
8- DPSK:

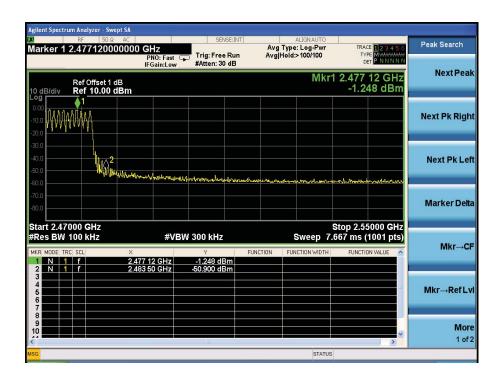
Low





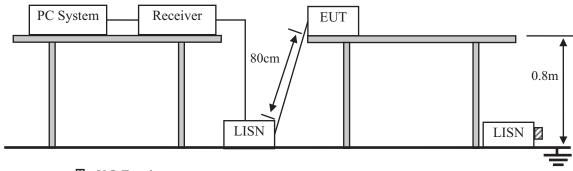
Hopping Low





10. Power Line Conducted Emissions

10.1.Block Diagram of Test Setup



☑ :50Ω Terminator

10.2.Limit

	Maximum RF Line Voltage					
Frequency	Quasi-Peak Level	Average Level				
	$dB(\mu V)$	$dB(\mu V)$				
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

The EUT is supplied by battery, so this item does not applicable.

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.

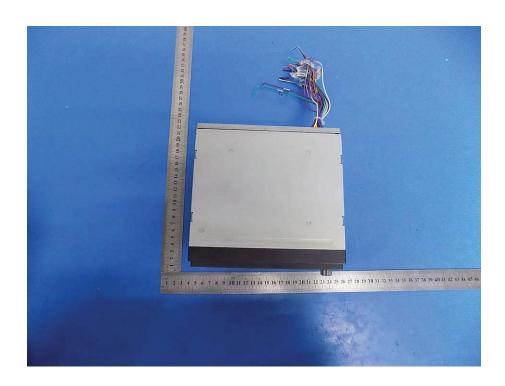
12. Test setup photo

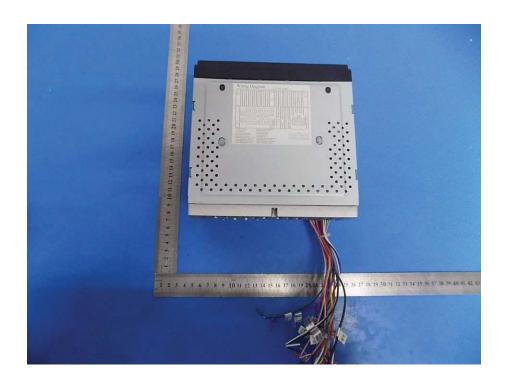
12.1.Photos of Radiated emission

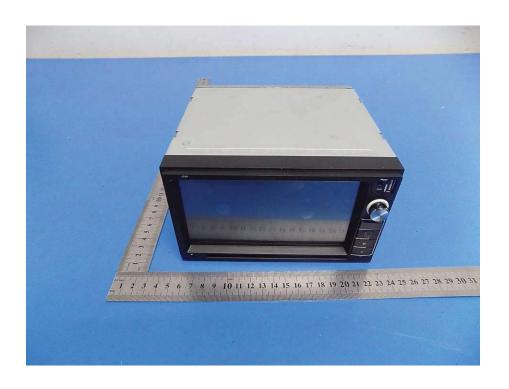


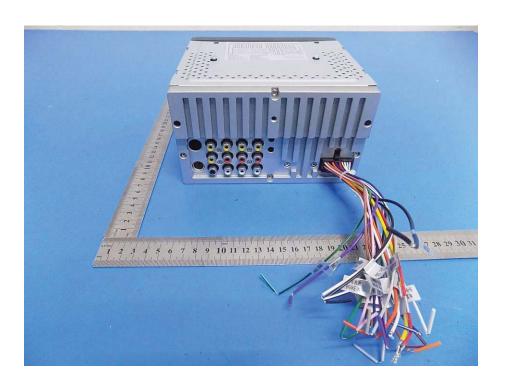


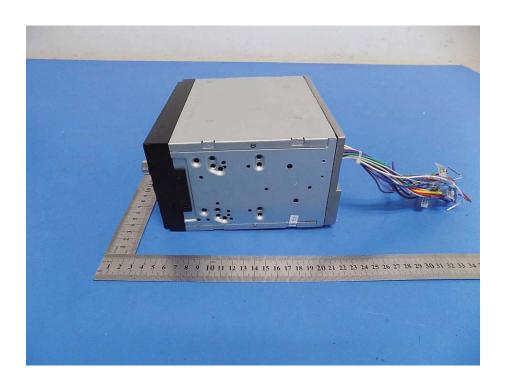
13. Photos of EUT





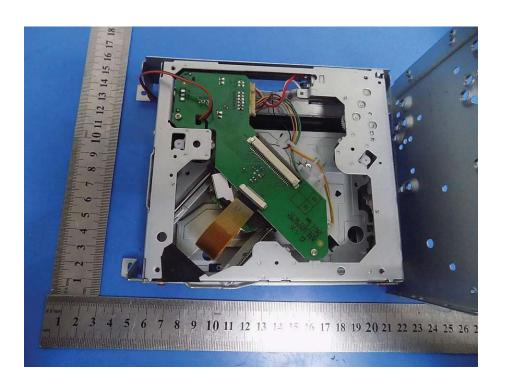


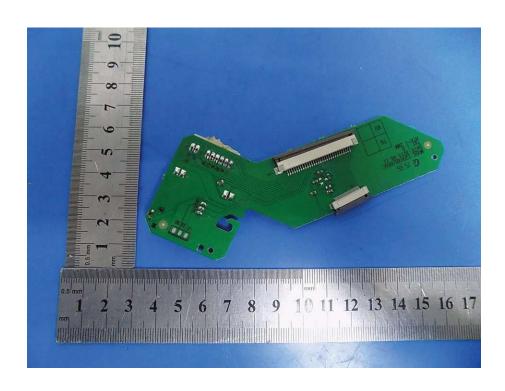


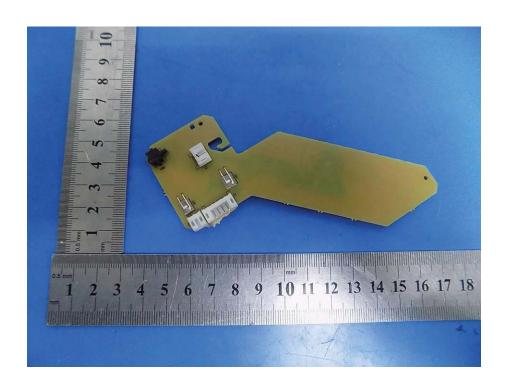


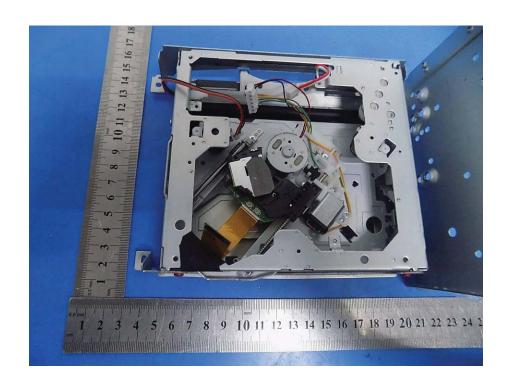






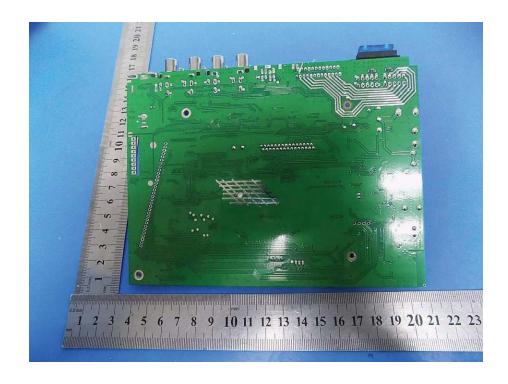




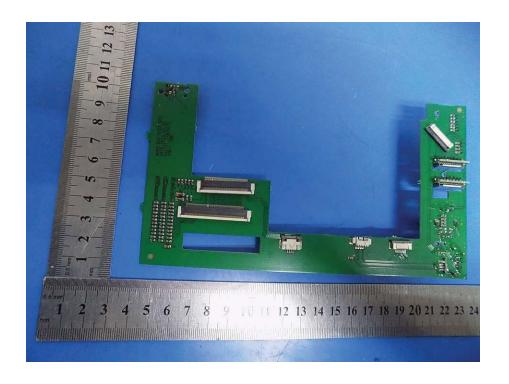


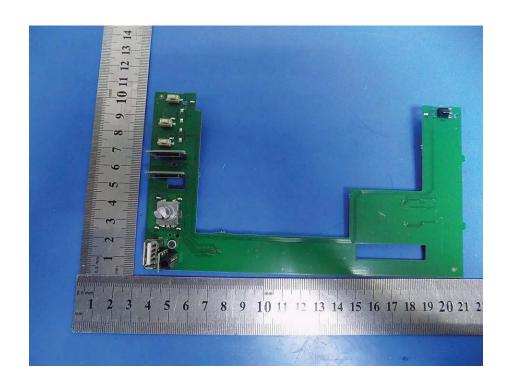




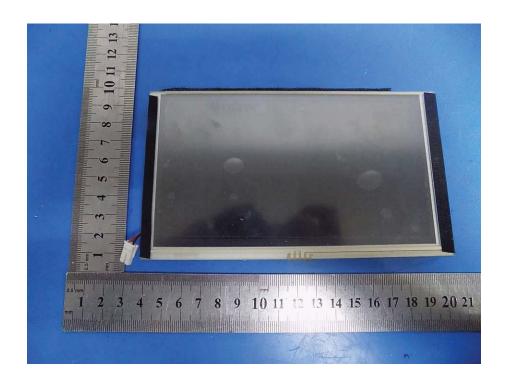












----END OF THE REPORT-----