

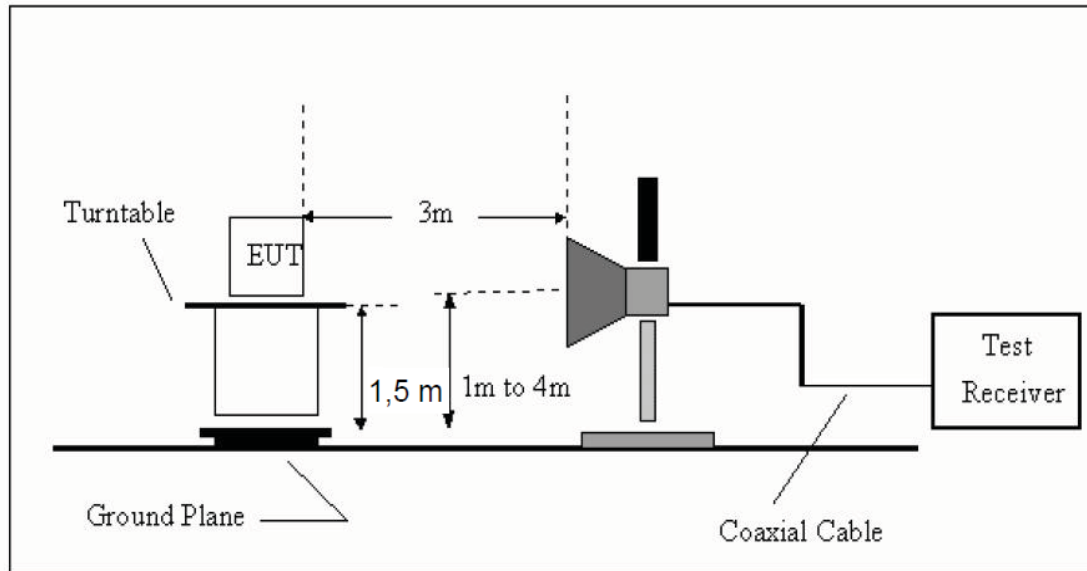
1GHz—25GHz Radiated emissison Test result									
EUT: HOUSE PARTY			M/N: iPA18L						
Power: AC 120V/60Hz									
Test date: 2015-06-12			Test site: 3m Chamber			Tested by: Peter			
Test mode: 8- DQPSK Tx CH1 2402MHz									
Antenna polarity: Vertical									
No	Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804	41.42	33.95	10.18	34.26	51.29	74	22.61	PK
2	4804	31.35	33.95	10.18	34.26	41.22	54	12.78	AV
3	7206	/							
4	9608	/							
5	12010	/							
Antenna Polarity: Horizontal									
1	4804	40.46	33.95	10.18	34.26	50.33	74	23.67	PK
2	4804	30.35	33.95	10.18	34.26	40.22	54	13.78	AV
3	7206	/							
4	9608	/							
5	12010	/							
Note:									
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: HOUSE PARTY			M/N: iPA18L						
Power: AC 120V/60Hz									
Test date: 2015-06-12 Test site: 3m Chamber Tested by: Peter									
Test mode: 8- DQPSK Tx CH40 2441MHz									
Antenna polarity: Vertical									
No	Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882	40.27	33.93	10.2	34.29	50.11	74	23.89	PK
2	4882	30.85	33.93	10.2	34.29	40.69	54	13.31	AV
3	7323	/							
4	9764	/							
5	12205	/							
Antenna Polarity: Horizontal									
1	4882	40.4	33.93	10.2	34.29	50.28	74	13.72	PK
2	4882	29.91	33.93	10.2	34.29	39.75	54	14.25	AV
3	7323	/							
4	9764	/							
5	12205	/							
Note:									
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: HOUSE PARTY			M/N: iPA18L						
Power: AC 120V/60Hz									
Test date: 2015-06-12			Test site: 3m Chamber			Tested by: Peter			
Test mode: 8- DQPSK Tx CH79 2480MHz									
Antenna polarity: Vertical									
No	Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960	40.27	33.98	10.22	34.25	50.22	74	23.78	PK
2	4960	30.40	33.98	10.22	34.25	40.35	54	13.65	AV
3	7440	/							
4	9920	/							
5	12400	/							
Antenna Polarity: Horizontal									
1	4960	39.43	33.98	10.22	34.25	49.38	74	24.62	PK
2	4960	29.27	33.98	10.22	34.25	39.22	54	14.78	AV
3	7440	/							
4	9920	/							
5	12400	/							
Note:									
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 RSS-GEN, all the other emissions outside operation shall be at least 20dB below the fundamental emissions, or comply with RSS-GEN 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)

GFSK (CH Low)

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx CH Low 2402MHz								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	36.04	27.62	3.92	34.97	32.61	74	41.39	PK
2390	--	27.62	3.92	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	36.29	27.62	3.92	34.97	32.86	74	41.14	PK
2390	--	27.62	3.92	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 (CH High)

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx CH High 2480MHz								
Antenna polarity: Vertical								
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	52.46	27.89	4	34.97	49.38	74	24.62	PK
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	53.12	27.89	4	34.97	50.04	74	23.96	PK
2483.5		--	--	--	--	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: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx								
Antenna polarity: Vertical								
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	36.17	27.62	3.92	34.97	32.74	74	41.26	PK
2390	--	27.62	3.92	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	36.85	27.62	3.92	34.97	33.42	74	40.58	PK
2390	--	27.62	3.92	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.								

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	42.17	27.89	4	34.97	39.09	74	34.91	PK
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	42.86	27.89	4	34.97	39.78	74	34.22	PK
2483.5		--	--	--	--	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.								

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx CH Low 2402MHz								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	34.25	27.62	3.92	34.97	30.82	74	43.18	PK
2390	--	27.62	3.92	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	35.21	27.62	3.92	34.97	31.78	74	42.22	PK
2390	--	27.62	3.92	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.								

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx CH High 2480MHz								
Antenna polarity: Vertical								
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	52.52	27.89	4	34.97	49.44	74	24.56	PK
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	53.21	27.89	4	34.97	50.13	74	23.87	PK
2483.5		--	--	--	--	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 (Hopping Low)

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode:								
Antenna polarity: Vertical								
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	37.62	27.62	3.92	34.97	34.19	74	39.81	PK
2390	--	27.62	3.92	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	38.39	27.62	3.92	34.97	34.96	74	39.04	PK
2390	--	27.62	3.92	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.								

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	52.86	27.89	4	34.97	49.43	74	24.57	PK
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	54.11	27.89	4	34.97	50.68	74	23.32	PK
2483.5		--	--	--	--	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.								

Band Edge Test result								
EUT: HOUSE PARTY				M/N: iPA18L				
Power: AC 120V/60Hz								
Test date: 2015-06-17 Test site: 3m Chamber Tested by: Peter								
Test mode: Tx CH Low 2402MHz								
Antenna polarity: Vertical								
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	35.43	27.62	3.92	34.97	32	74	42	PK
2390	--	27.62	3.92	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	36.22	27.62	3.92	34.97	32.79	74	41.21	PK
2390	--	27.62	3.92	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.								

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx CH High 2480MHz								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	53.50	27.89	4	34.97	50.42	74	23.58	PK
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	54.23	27.89	4	34.97	51.15	74	22.85	PK
2483.5		--	--	--	--	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.								

8- DPSK (Hopping Low)

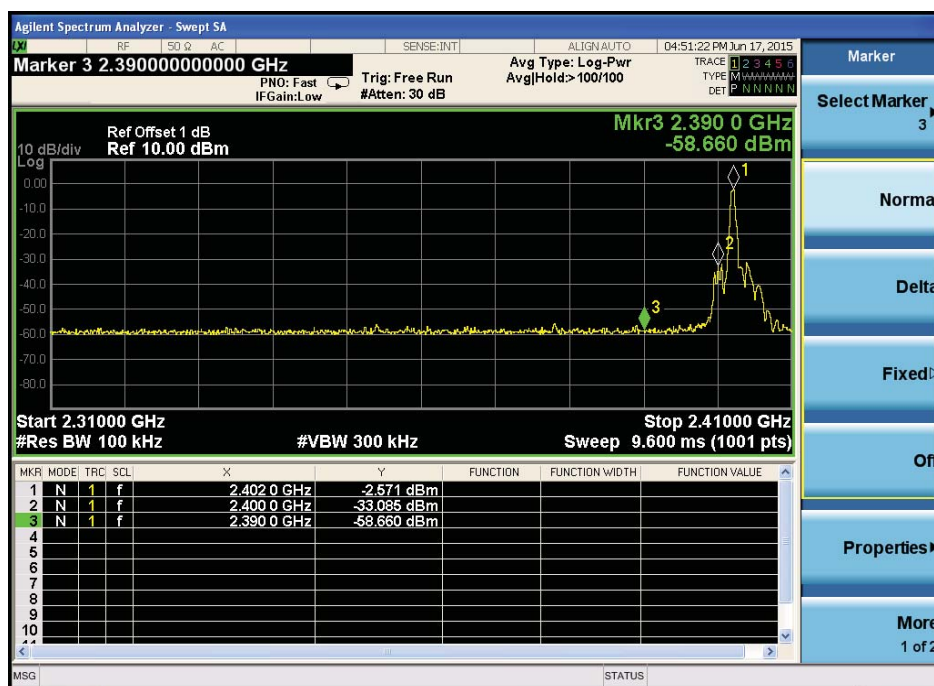
Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(d B)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	36.82	27.62	3.92	34.97	33.39	74	40.61	PK
2390	--	27.62	3.92	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	37.53	27.62	3.92	34.97	34.1	74	39.9	PK
2390	--	27.62	3.92	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.								

Band Edge Test result								
EUT: HOUSE PARTY			M/N: iPA18L					
Power: AC 120V/60Hz								
Test date: 2015-06-17			Test site: 3m Chamber			Tested by: Peter		
Test mode: Tx								
Antenna polarity: Vertical								
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	52.66	27.89	4	34.97	49.58	74	24.42	PK
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	53.42	27.89	4	34.97	50.34	74	23.66	PK
2483.5		--	--	--	--	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.								

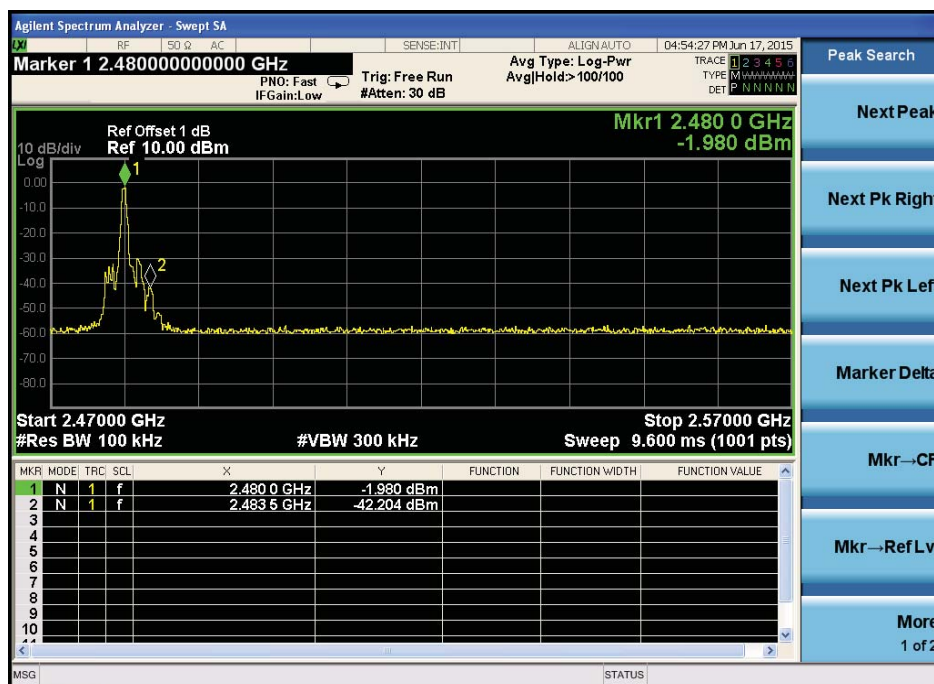
Conducted Method

GFSK

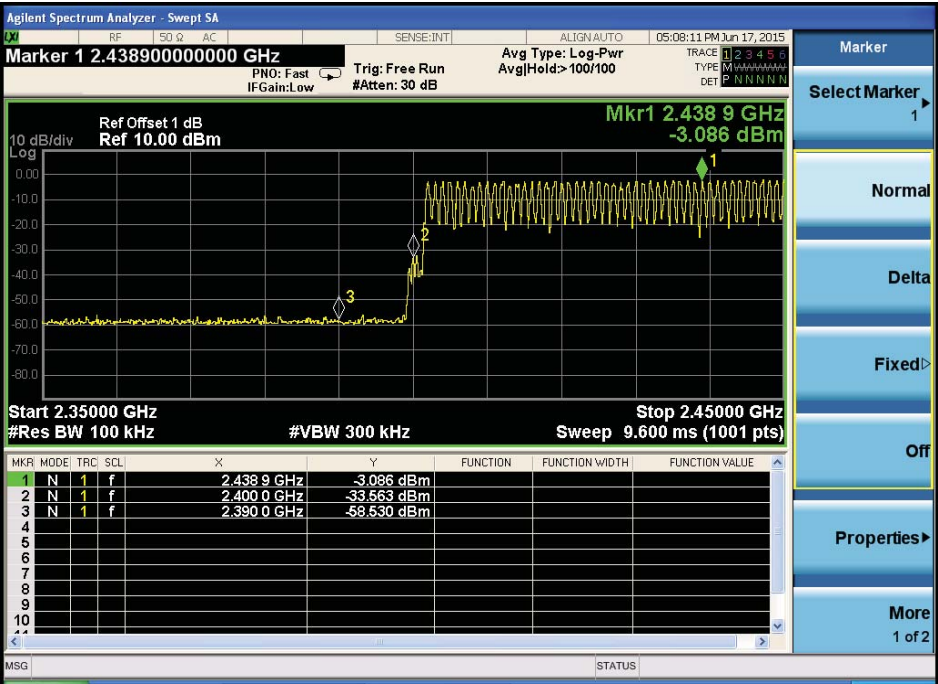
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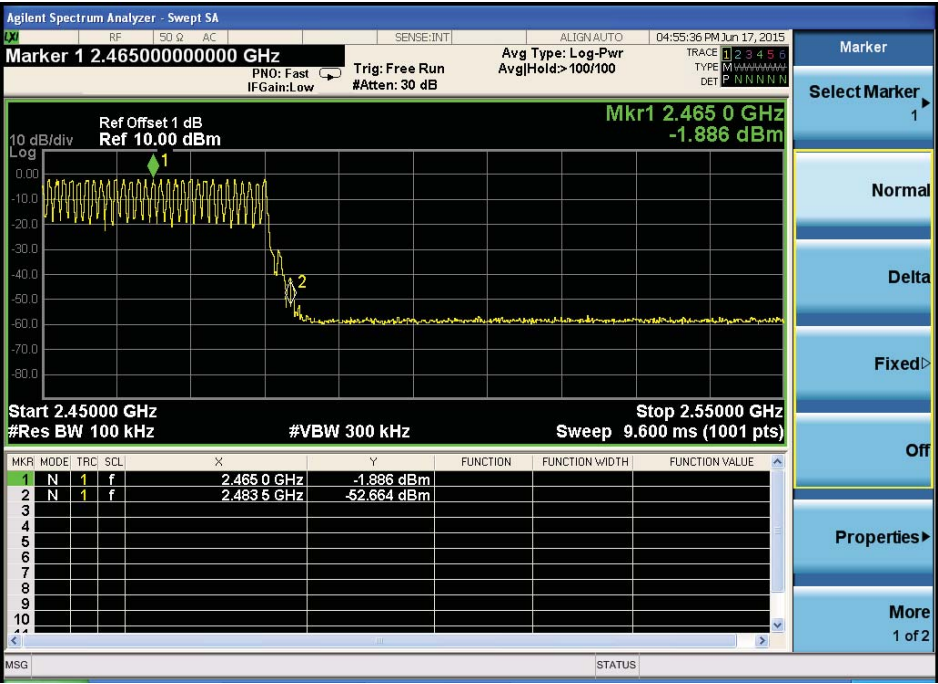
CH High :



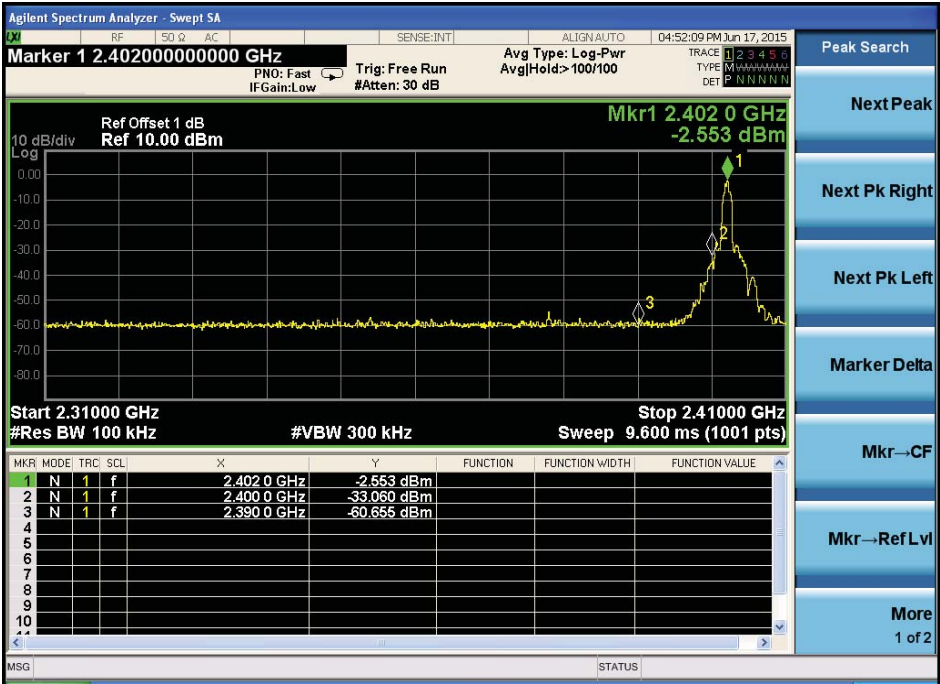
Hopping
Low



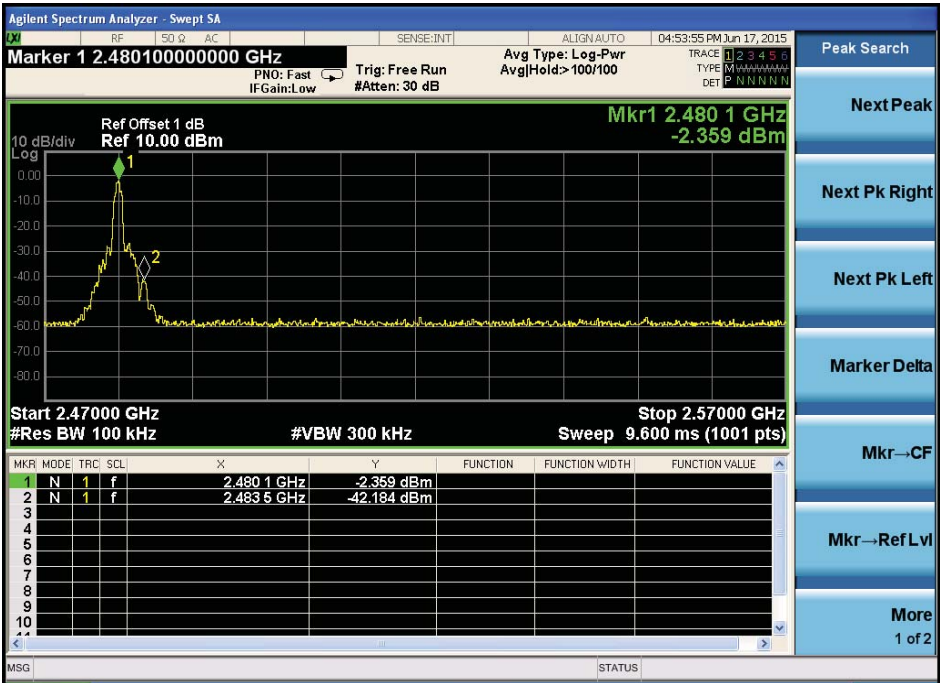
High



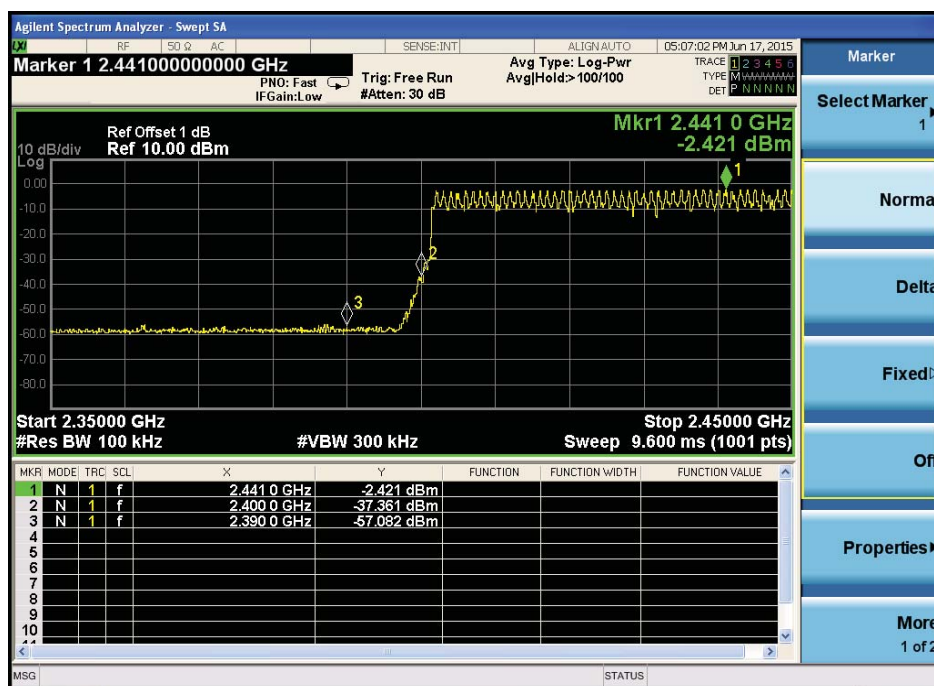
$\pi/4$ DQPSK
Low



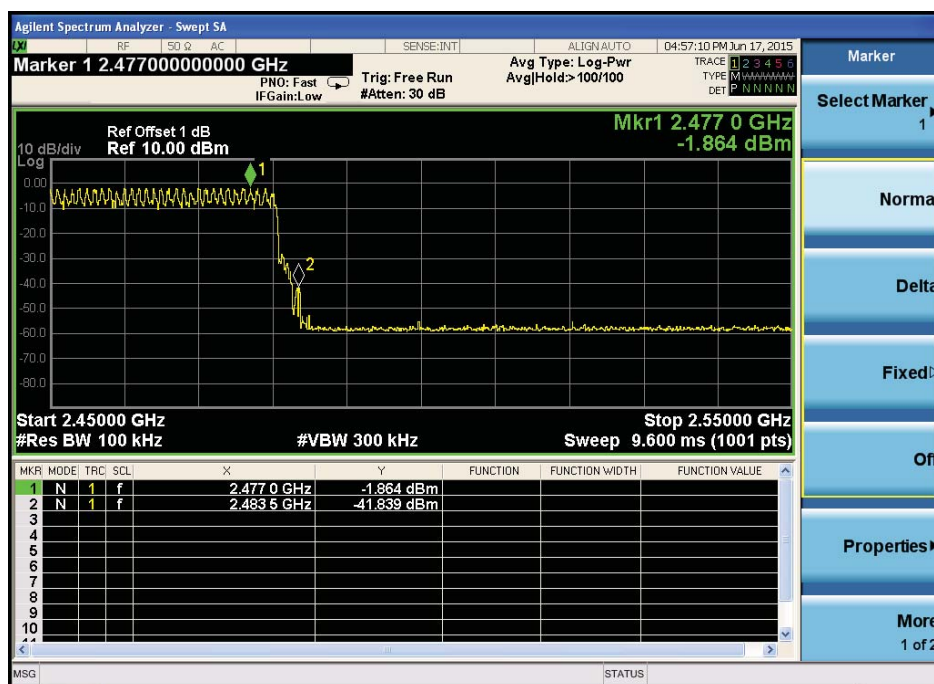
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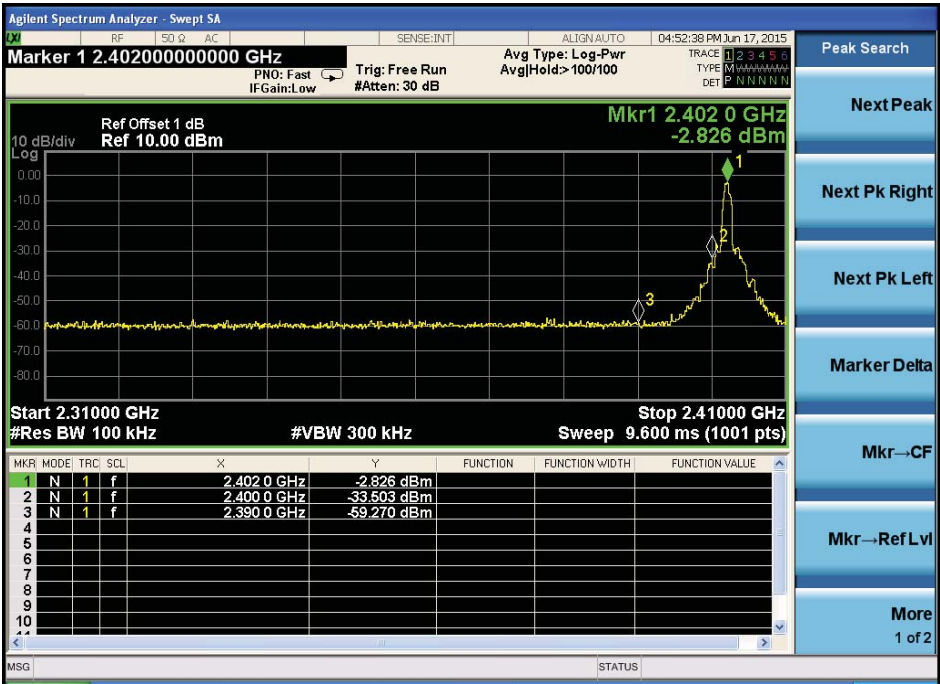
Hopping
Low



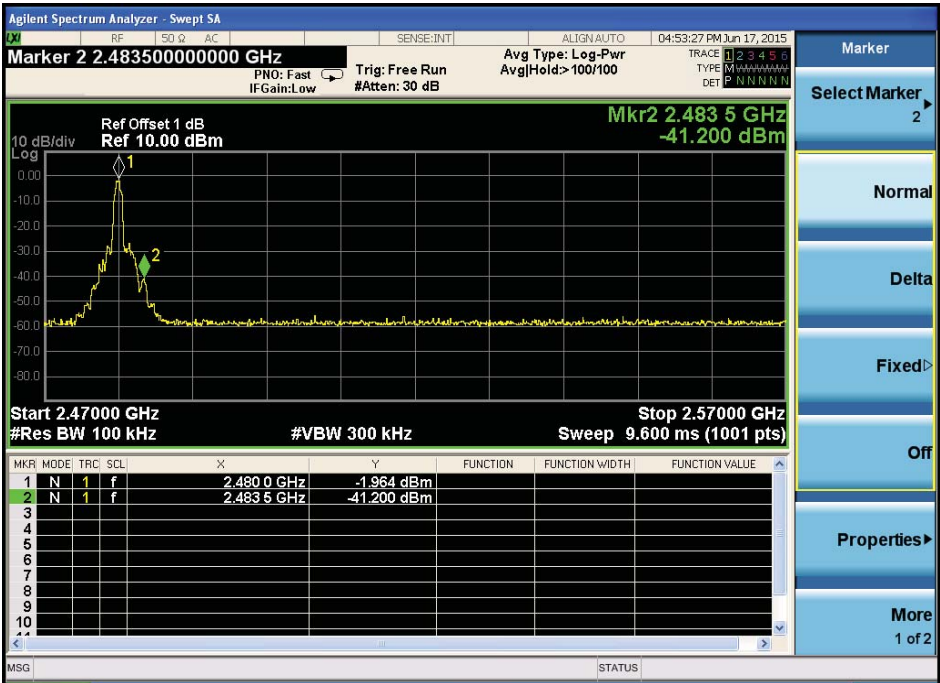
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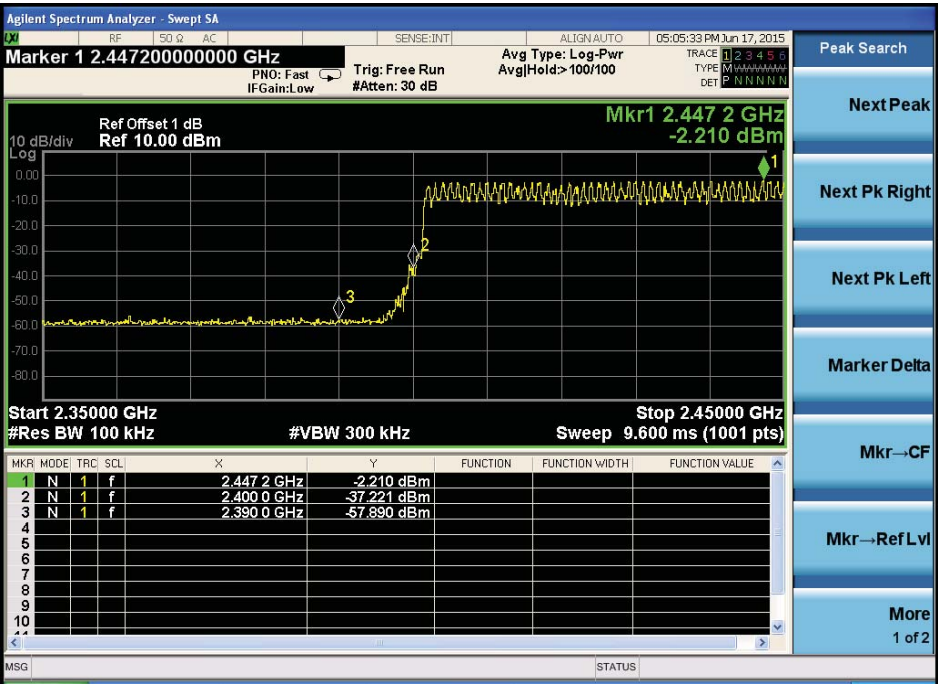
8- DPSK:
Low



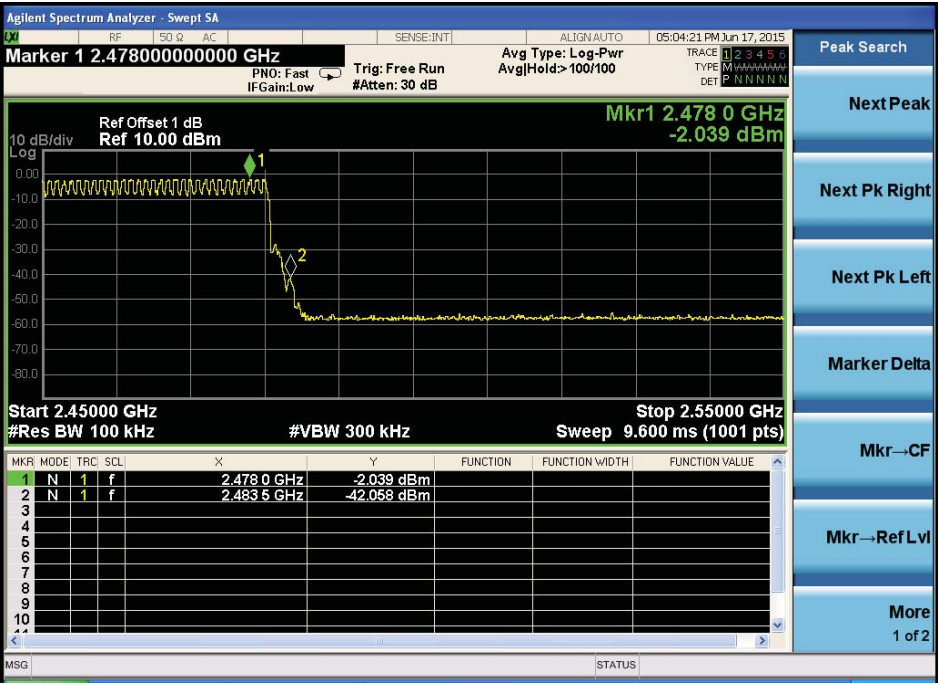
High



Hopping
Low

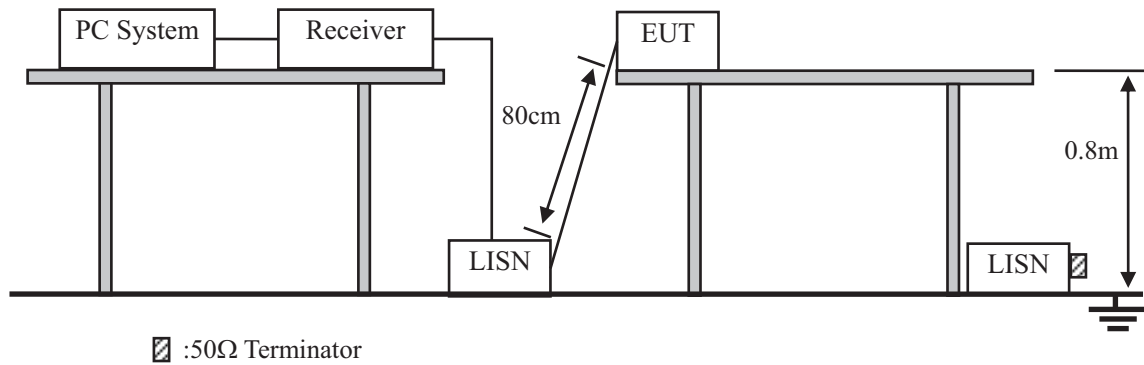


High



10. Power Line Conducted Emissions

10.1. Block Diagram of Test Setup



10.2. Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μ V)	Average Level dB(μ 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.

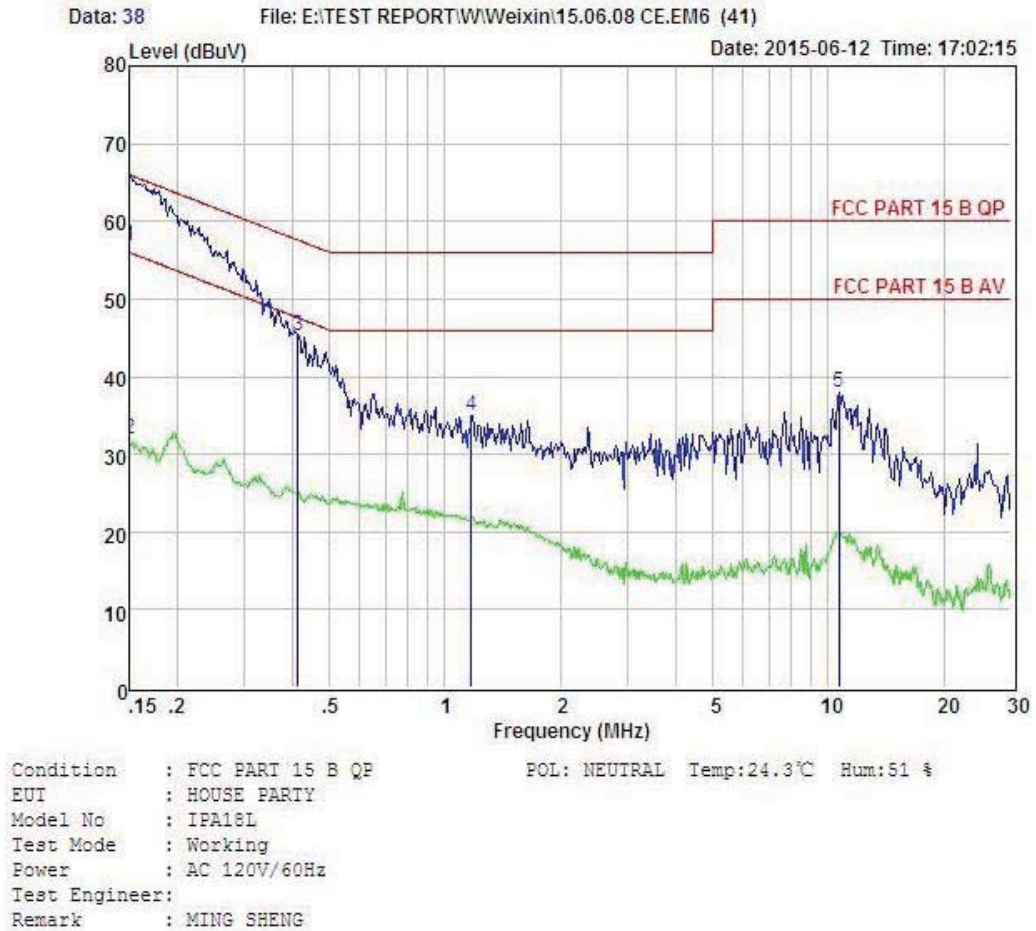
10.3. Test Procedure

- (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 2014 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

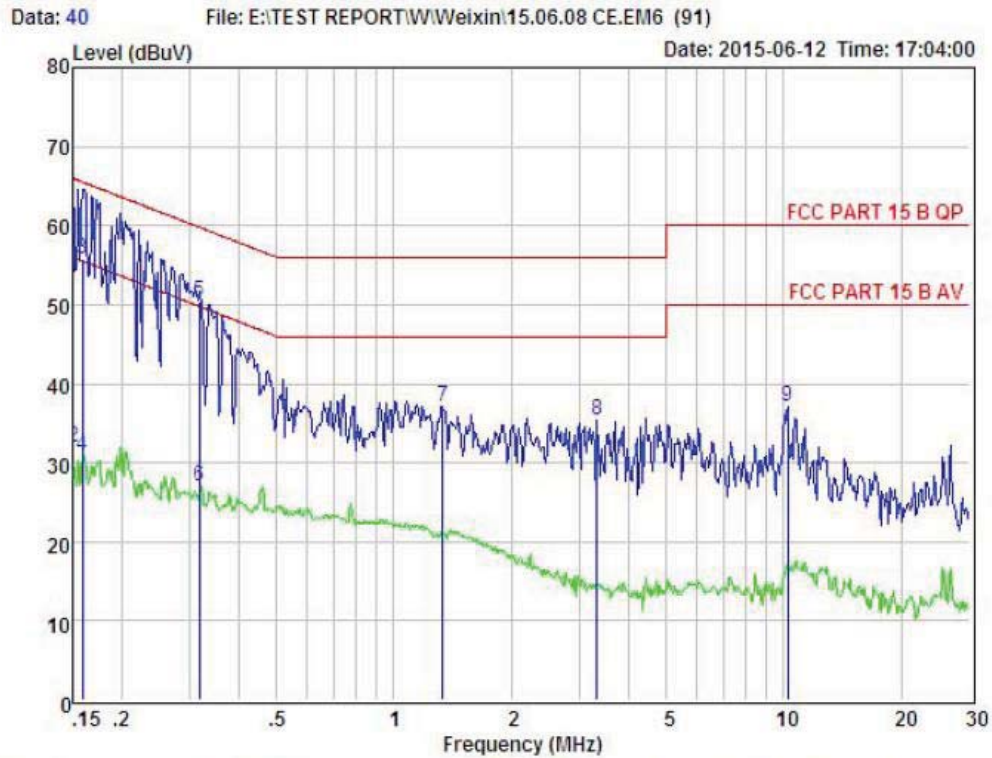
PASS. (See below detailed test data)

Data with Mingsheng AC-DC converter



Item	Freq MHz	Read dBuV	LISN Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	0.150	47.00	0.03	-9.72	0.10	56.85	66.00	-9.15	QP
2	0.150	22.00	0.03	-9.72	0.10	31.85	56.00	-24.15	Average
3	0.413	35.34	0.03	-9.72	0.10	45.19	57.59	-12.40	Peak
4	1.172	25.13	0.04	-9.71	0.10	34.98	56.00	-21.02	Peak
5	10.676	27.96	0.21	-9.50	0.22	37.89	60.00	-22.11	Peak

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



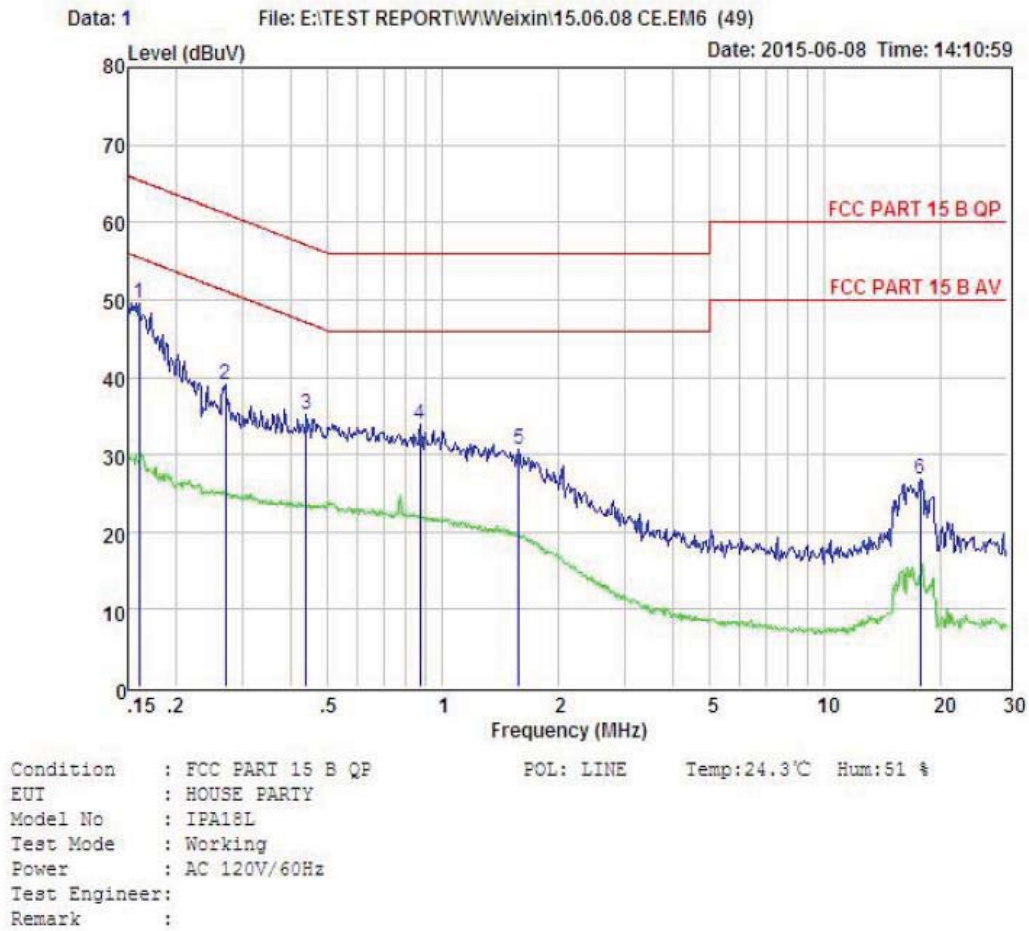
Condition : FCC PART 15 B QP POL: LINE Temp:24.3°C Hum:51 %
 EUT : HOUSE PARTY
 Model No : IPA18L
 Test Mode : Working
 Power : AC 120V/60Hz
 Test Engineer:
 Remark : MING SHENG

Item	Freq MHz	Read dBuV	LISN Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	0.150	48.00	0.03	-9.72	0.10	57.85	66.00	-8.15	QP
2	0.150	22.00	0.03	-9.72	0.10	31.85	56.00	-24.15	Average
3	0.159	46.00	0.03	-9.72	0.10	55.85	65.52	-9.67	QP
4	0.159	21.00	0.03	-9.72	0.10	30.85	55.52	-24.67	Average
5	0.317	40.53	0.03	-9.72	0.10	50.38	59.80	-9.42	QP
6	0.317	17.23	0.03	-9.72	0.10	27.08	49.80	-22.72	Average
7	1.338	27.31	0.05	-9.71	0.10	37.17	56.00	-18.83	Peak
8	3.328	25.60	0.08	-9.69	0.12	35.49	56.00	-20.51	Peak
9	10.233	27.24	0.19	-9.51	0.21	37.15	60.00	-22.85	Peak

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

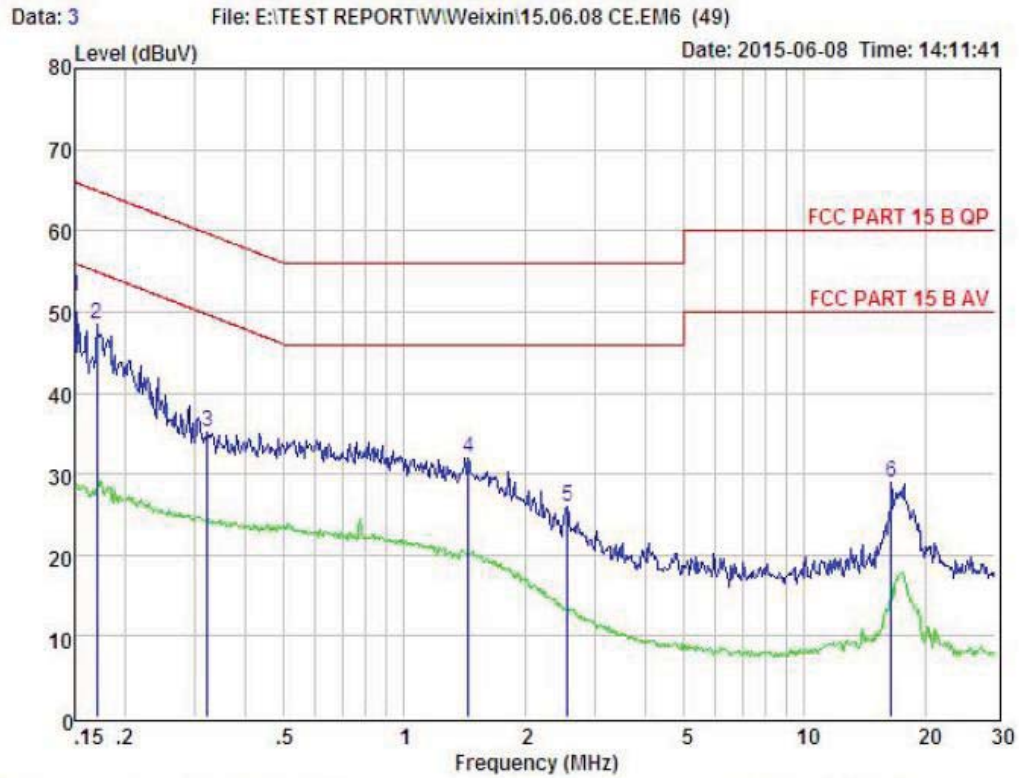
Note: If QP Result comply with AV limit, AV Result is deemed to comply with AV limit

Data with Guanjing AC-DC converter



Item	Freq MHz	Read dBuA	AUX Factor dB	Cable Loss dB	Level dBuA	Limit dBuA	Margin dBuA	Remark
1	0.161	39.77	0.00	0.10	49.62	65.43	-15.81	Peak
2	0.270	29.08	0.00	0.10	38.93	61.12	-22.19	Peak
3	0.440	25.27	0.00	0.10	35.12	57.07	-21.95	Peak
4	0.871	24.13	0.00	0.10	33.98	56.00	-22.02	Peak
5	1.585	20.71	0.00	0.10	30.57	56.00	-25.43	Peak
6	17.755	16.83	0.00	0.31	26.87	60.00	-33.13	Peak

Remarks: Level = Read + AUX Factor + Cable loss



Condition : FCC PART 15 B QP POL: NEUTRAL Temp:24.3°C Hum:51 %
 EUT : HOUSE PARIY
 Model No : IPA18L
 Test Mode : Working
 Power : AC 120V/60Hz
 Test Engineer:
 Remark :

Item	Freq MHz	Read dBuA	AUX Factor dB	Cable Loss dB	Level dBuA	Limit dBuA	Margin dBuA	Remark
1	0.150	42.00	0.00	0.10	51.85	66.00	-14.15	Peak
2	0.170	38.63	0.00	0.10	48.48	64.94	-16.46	Peak
3	0.322	25.31	0.00	0.10	35.16	59.66	-24.50	Peak
4	1.449	22.14	0.00	0.10	32.00	56.00	-24.00	Peak
5	2.554	16.02	0.00	0.11	25.89	56.00	-30.11	Peak
6	16.486	18.92	0.00	0.28	28.87	60.00	-31.13	Peak

Remarks: Level = Read + AUX Factor + Cable loss

11. Antenna Requirements

11.1. Limit

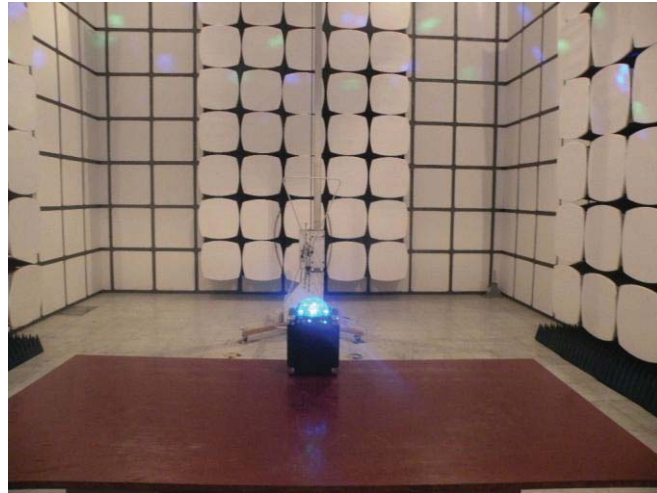
For intentional device, according to RSS-GEN, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to RSS-GEN, if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

11.2. Result

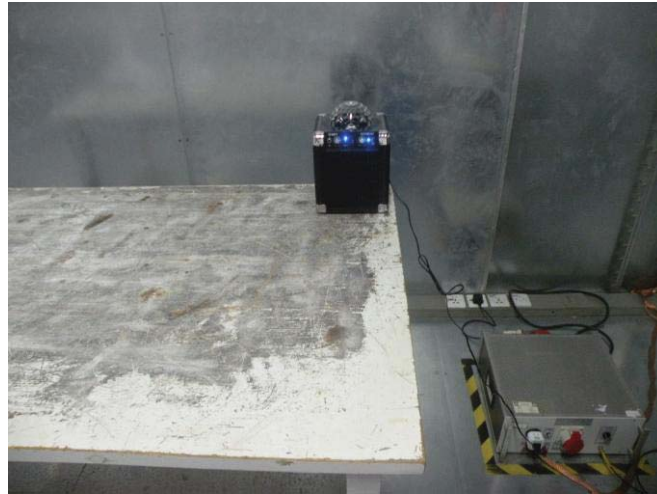
The antennas used for this product are PCB Antenna for Bluetooth, no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 0dBi .

12. Test setup photo

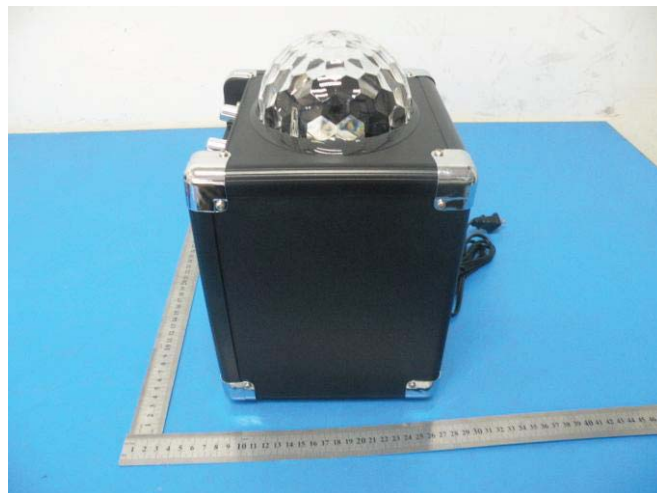
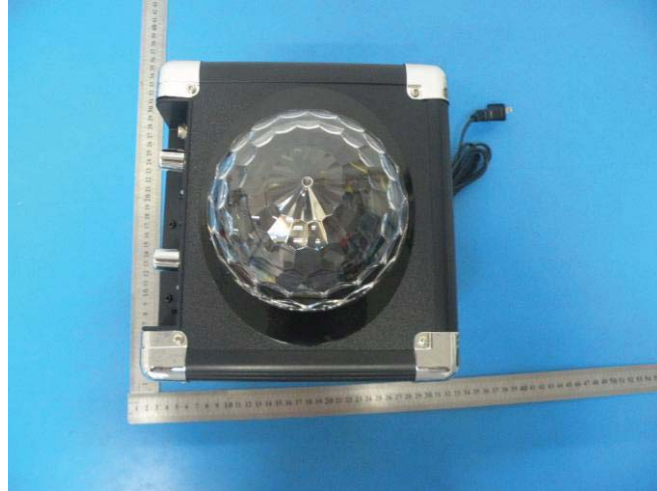
12.1. Photos of Radiated emission



12.2.Photos of Conducted Emission test



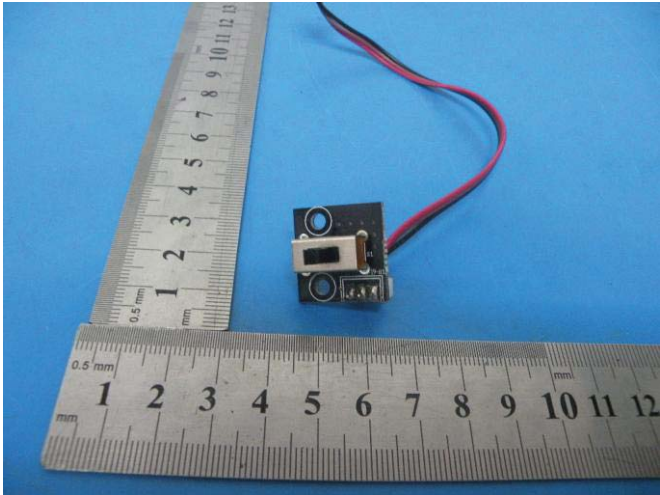
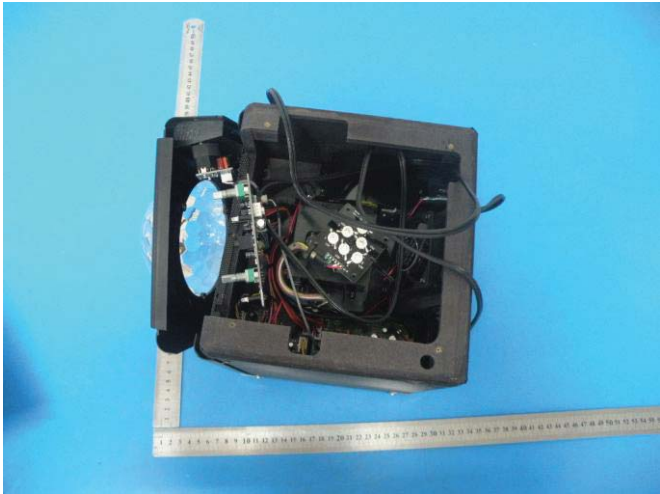
13. Photos of EUT

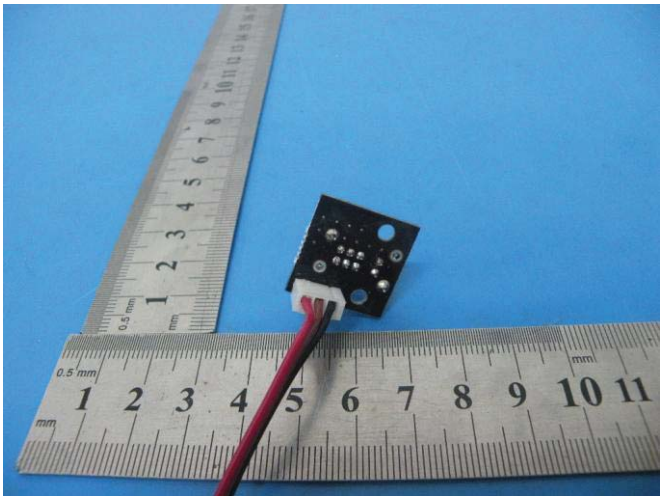


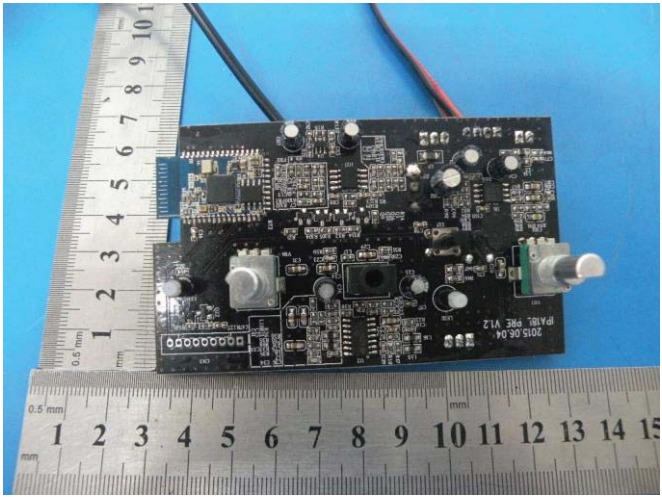
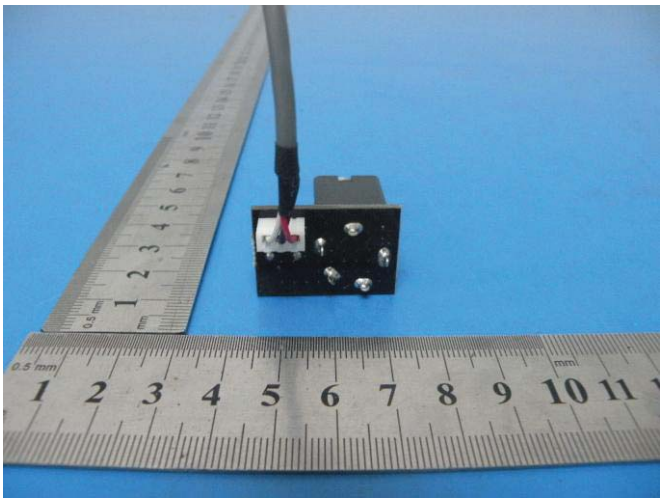


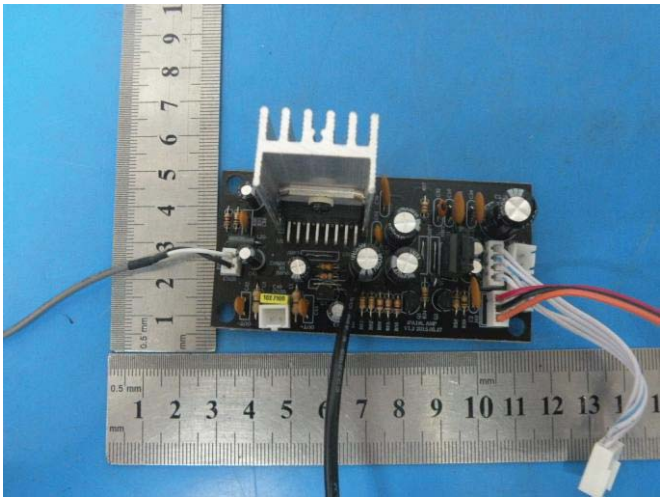
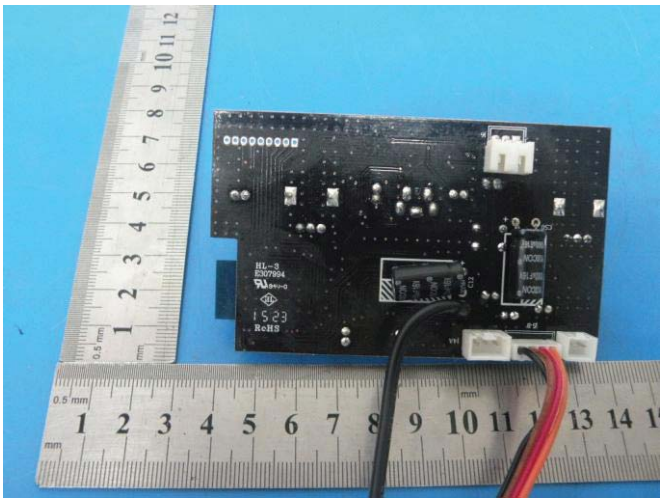


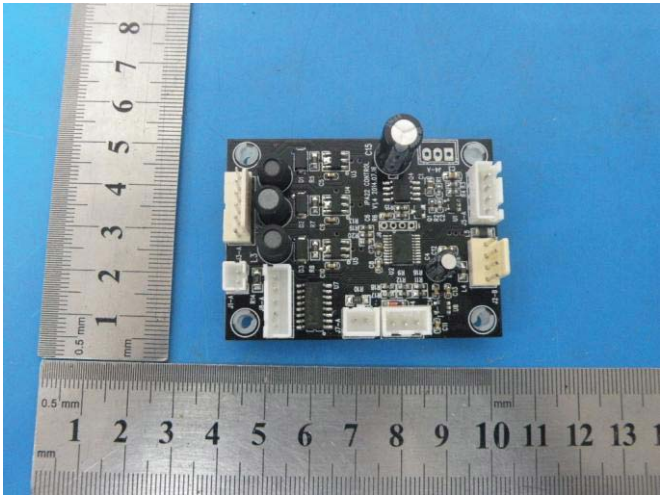
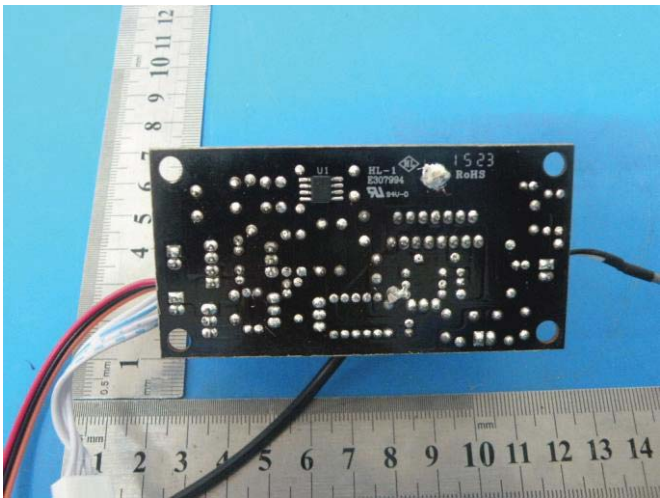


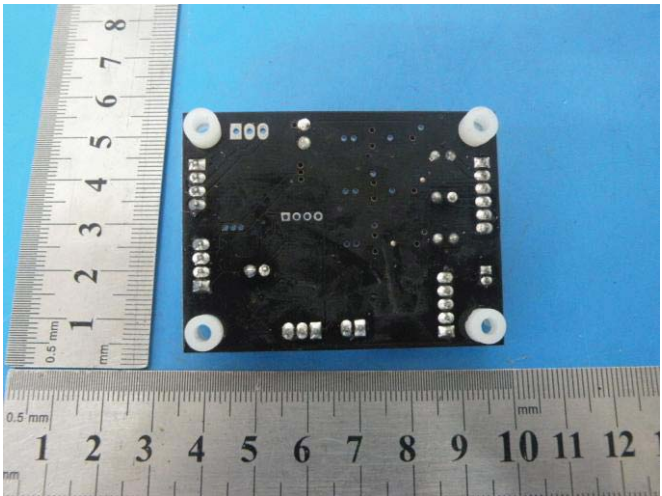








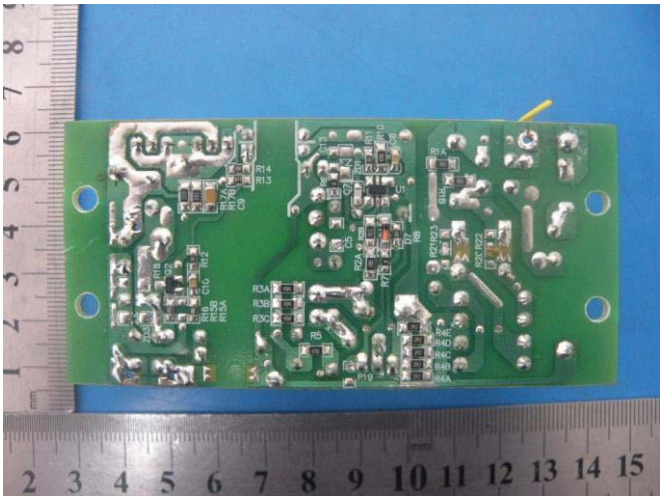




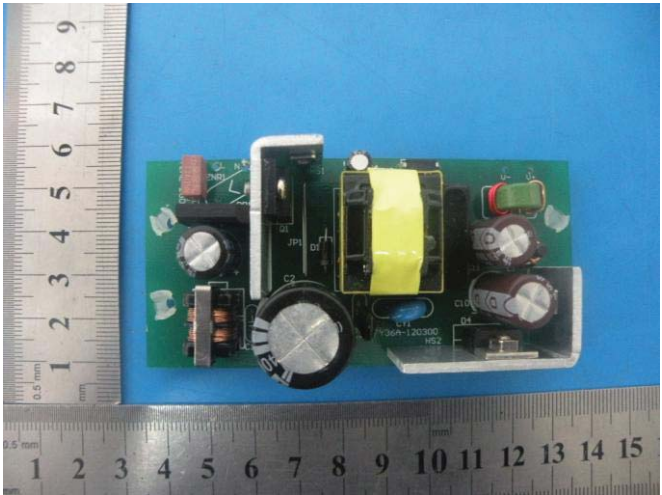


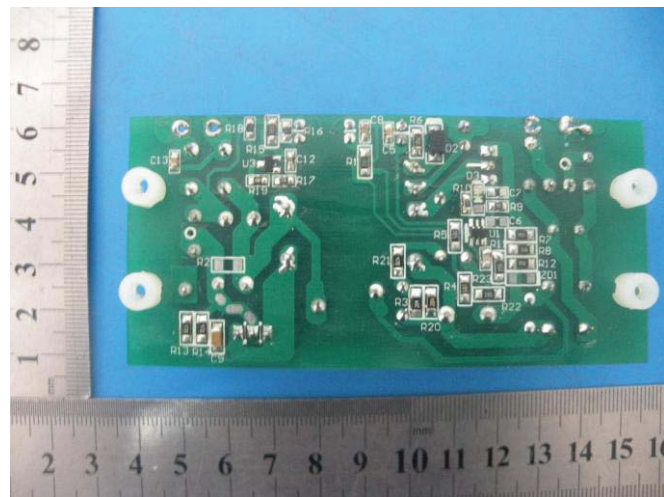
Guanjing AC-DC Converter





Mingsheng AC-DC converter





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