

Appendix A.6: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz (Worst case)



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Site: 3m Chamber
Limit: FCC_Part 15C_3m
EUT: Cay player
M/N: TBD
Mode: TX (2.4G WIFI)
Note: The worst case 802.11n20 Low Channel

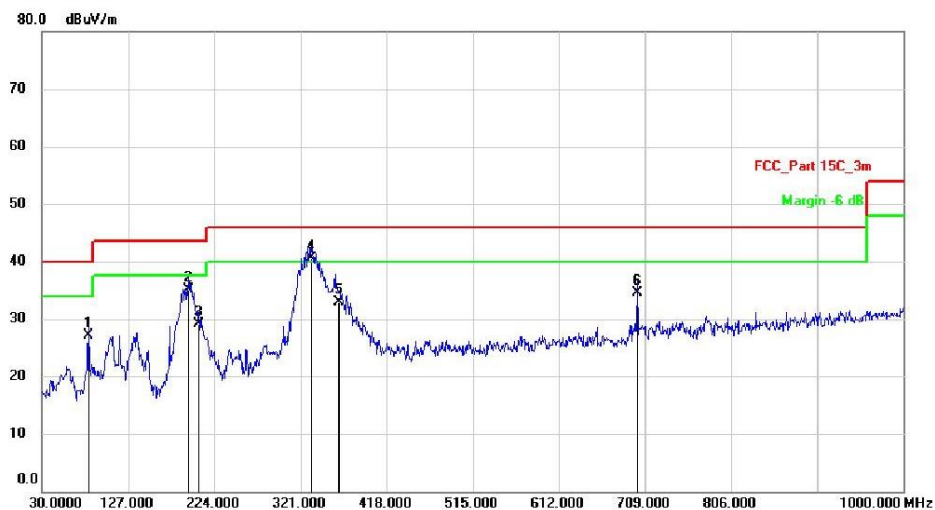
Polarization: **Horizontal**
Power: DC 12V
Distance: 3m

Temperature: 26
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/30

Time: 8:45:07



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.3800	38.37	-11.27	27.10	40.00	-12.90	QP	
2		194.9000	43.11	-7.91	35.20	43.50	-8.30	QP	
3		206.5399	36.74	-7.64	29.10	43.50	-14.40	QP	
4	*	332.6400	45.17	-4.57	40.60	46.00	-5.40	QP	
5		364.6500	36.84	-3.94	32.90	46.00	-13.10	QP	
6		700.2700	32.43	2.17	34.60	46.00	-11.40	QP	

*:Maximum data x:Over limit !:over margin

<Reference Only



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Site: 3m Chamber
Limit: FCC_Part 15C_3m
EUT: Cay player
M/N: TBD
Mode: TX (2.4G WIFI)
Note: The worst case 802.11n20 Low Channel

Polarization: **Vertical**
Power: DC 12V
Distance: 3m

Temperature: 26
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/30

Time: 8:51:09



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.3800	37.19	-11.59	25.60	40.00	-14.40	QP	
2		106.6300	37.42	-9.72	27.70	43.50	-15.80	QP	
3		202.6600	35.90	-8.70	27.20	43.50	-16.30	QP	
4	*	327.7900	44.22	-5.72	38.50	46.00	-7.50	QP	
5		373.3800	35.04	-4.84	30.20	46.00	-15.80	QP	
6		700.2700	33.53	2.17	35.70	46.00	-10.30	QP	

*:Maximum data x:Over limit !:over margin

(Reference Only)

1GHz - 18GHz



Dongguan NTC Co., Ltd.
Tel: +86-769-2202 2444
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Site: 3m Chamber
Limit: FCC_15.247_3m_Peak
EUT: Cay player
M/N: TBD
Mode: TX (2.4G WIFI)
Note: 802.11b Low

Polarization: **Horizontal**
Power: DC 12V
Distance: 3m

Temperature: 26
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/11

Time: 23:10:48



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV		dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	51.57	0.09	51.66	74.00	-22.34	peak	
2		2390.000	40.92	0.09	41.01	54.00	-12.99	AVG	
3		4824.000	45.78	6.38	52.16	74.00	-21.84	peak	
4		4824.000	36.02	6.38	42.40	54.00	-11.60	AVG	
5		7236.000	45.92	10.48	56.40	74.00	-17.60	peak	
6	*	7236.000	34.36	10.48	44.84	54.00	-9.16	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)



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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11b Low

Polarization: **Vertical**

Power: DC 12V

Distance: 3m

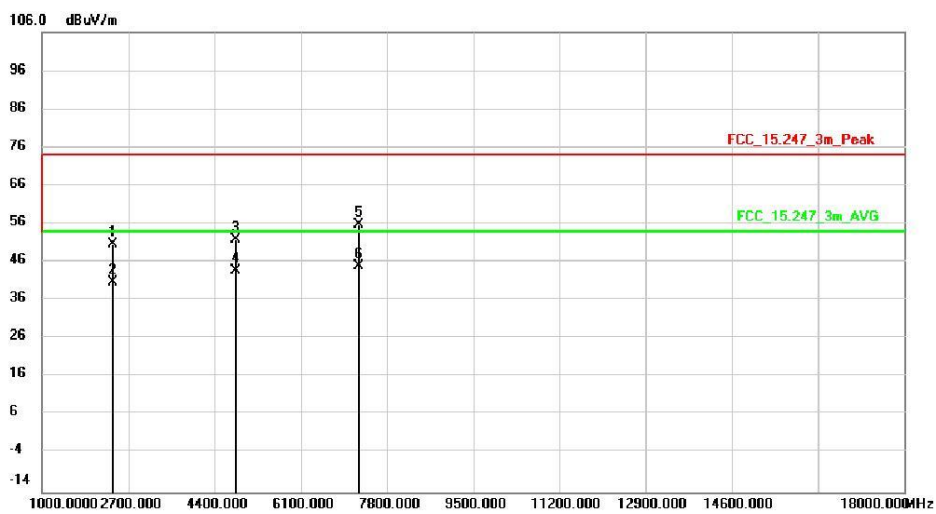
Temperature: 26

Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/11

Time: 23:16:25



No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.000	50.69	0.09	50.78	74.00	-23.22	peak	
2	2390.000	40.77	0.09	40.86	54.00	-13.14	AVG	
3	4824.000	45.41	6.38	51.79	74.00	-22.21	peak	
4	4824.000	37.28	6.38	43.66	54.00	-10.34	AVG	
5	7236.000	45.38	10.48	55.86	74.00	-18.14	peak	
6 *	7236.000	34.47	10.48	44.95	54.00	-9.05	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#2

Page: 1

Engineer Signature:

Alvin



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Site: 3m Chamber

Polarization: **Horizontal**

Temperature: 26

Limit: FCC_15.247_3m_Peak

Power: DC 12V

Humidity: 47 %

EUT: Cay player

Distance: 3m

M/N: TBD

Mode: TX (2.4G WIFI)

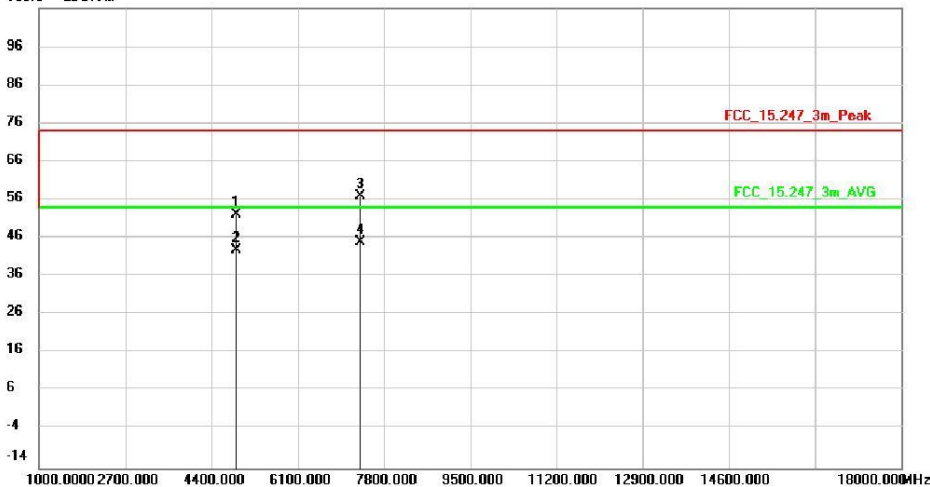
Note: 802.11b Mid

Radiated Emission Measurement

Date: 2024/9/11

Time: 23:22:35

106.0 dBuV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.57	6.56	52.13	74.00	-21.87	peak	
2		4874.000	36.26	6.56	42.82	54.00	-11.18	AVG	
3		7311.000	46.44	10.53	56.97	74.00	-17.03	peak	
4	*	7311.000	34.51	10.53	45.04	54.00	-8.96	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#3

Page: 1

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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11b Mid

Polarization: **Vertical**

Power: DC 12V

Distance: 3m

Temperature: 26

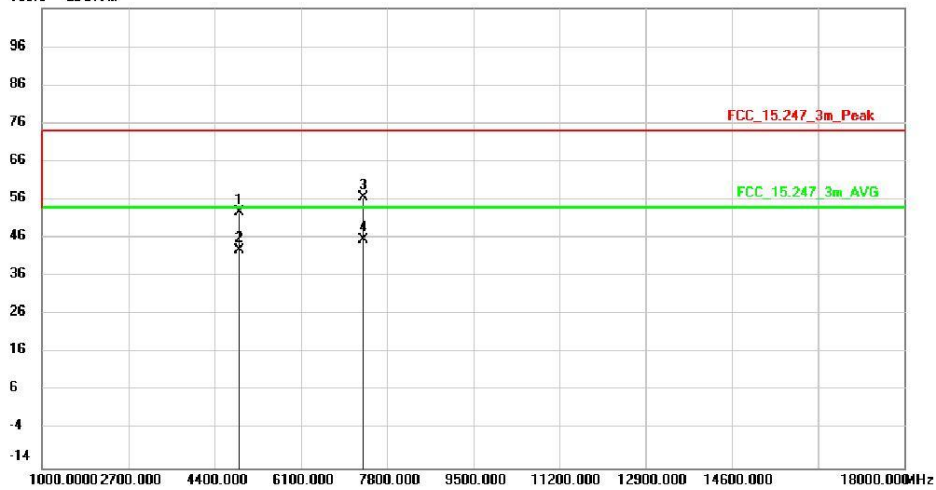
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/11

Time: 23:28:39

106.0 dBuV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB/m	dBuV/m	dBuV/m	dB		
1		4874.000	46.14	6.56	52.70	74.00	-21.30	peak	
2		4874.000	36.35	6.56	42.91	54.00	-11.09	AVG	
3		7311.000	45.99	10.53	56.52	74.00	-17.48	peak	
4	*	7311.000	34.90	10.53	45.43	54.00	-8.57	AVG	

*:Maximum data x:Over limit !:over margin

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File :TBD 2\Data :#4

Page: 1

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Site: 3m Chamber

Polarization: **Horizontal**

Temperature: 26

Limit: FCC_15.247_3m_Peak

Power: DC 12V

Humidity: 47 %

EUT: Cay player

Distance: 3m

M/N: TBD

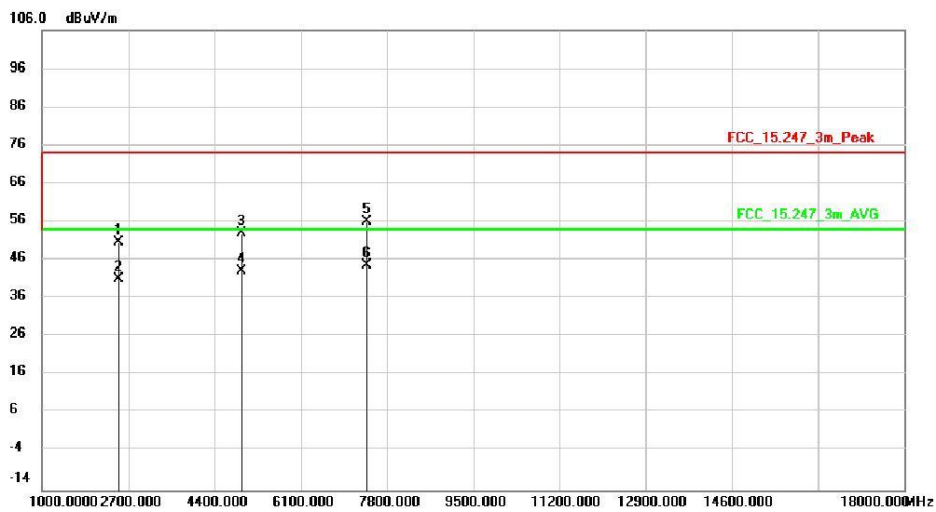
Mode: TX (2.4G WIFI)

Note: 802.11b High

Radiated Emission Measurement

Date: 2024/9/11

Time: 23:35:11



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV		dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	50.26	0.34	50.60	74.00	-23.40	peak	
2		2483.500	40.69	0.34	41.03	54.00	-12.97	AVG	
3		4924.000	46.40	6.76	53.16	74.00	-20.84	peak	
4		4924.000	36.29	6.76	43.05	54.00	-10.95	AVG	
5		7386.000	45.47	10.57	56.04	74.00	-17.96	peak	
6	*	7386.000	34.19	10.57	44.76	54.00	-9.24	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#5

Page: 1

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Site: 3m Chamber

Polarization: **Vertical**

Temperature: 26

Limit: FCC_15.247_3m_Peak

Power: DC 12V

Humidity: 47 %

EUT: Cay player

Distance: 3m

M/N: TBD

Mode: TX (2.4G WIFI)

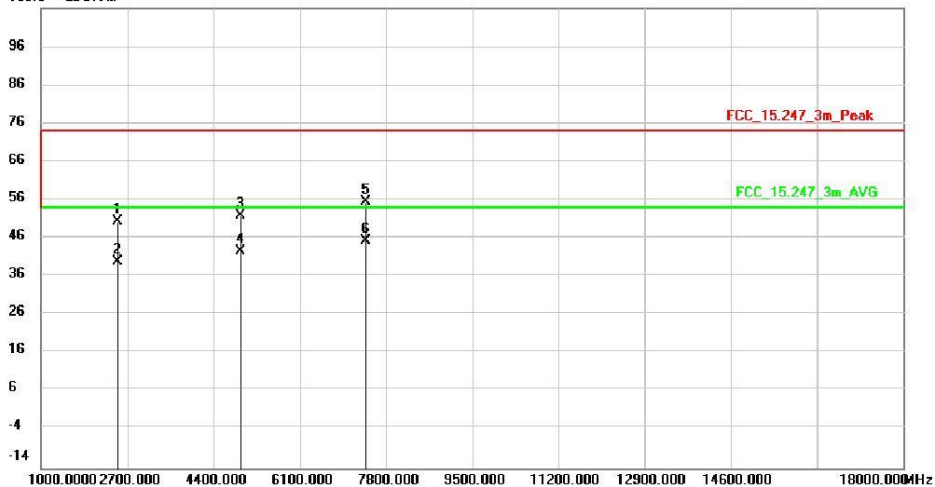
Note: 802.11b High

Radiated Emission Measurement

Date: 2024/9/11

Time: 23:42:57

106.0 dBuV/m



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	2483.500	50.16	0.34	50.50	74.00	-23.50	peak	
2	2483.500	39.54	0.34	39.88	54.00	-14.12	AVG	
3	4924.000	45.21	6.76	51.97	74.00	-22.03	peak	
4	4924.000	35.86	6.76	42.62	54.00	-11.38	AVG	
5	7386.000	44.80	10.57	55.37	74.00	-18.63	peak	
6 *	7386.000	34.66	10.57	45.23	54.00	-8.77	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#6

Page: 1

Engineer Signature:

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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11g Low

Polarization: **Horizontal**

Power: DC 12V

Distance: 3m

Temperature: 26

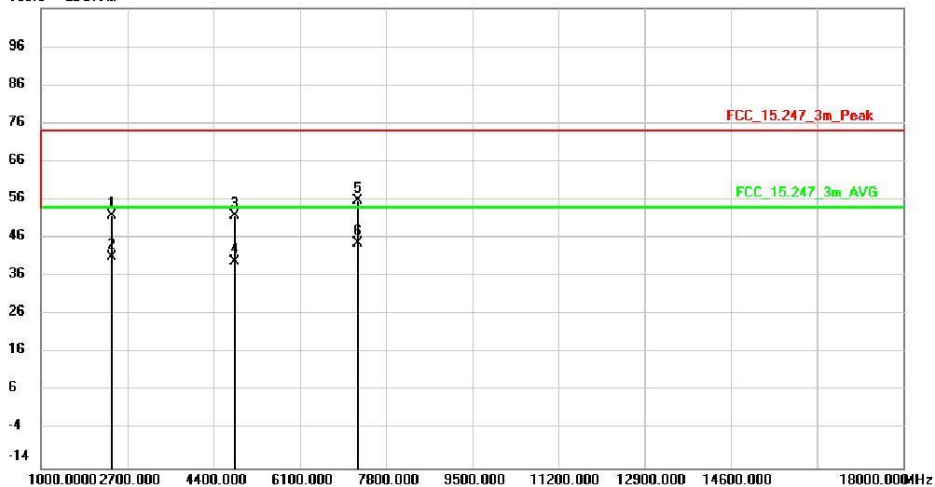
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/11

Time: 23:48:51

106.0 dBuV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	51.62	0.09	51.71	74.00	-22.29	peak	
2		2390.000	41.05	0.09	41.14	54.00	-12.86	AVG	
3		4824.000	45.44	6.38	51.82	74.00	-22.18	peak	
4		4824.000	33.59	6.38	39.97	54.00	-14.03	AVG	
5		7236.000	45.41	10.48	55.89	74.00	-18.11	peak	
6	*	7236.000	34.19	10.48	44.67	54.00	-9.33	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#7

Page: 1

Engineer Signature:

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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11g Low

Polarization: **Vertical**

Power: DC 12V

Distance: 3m

Temperature: 26

Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/11

Time: 23:54:30



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	50.91	0.09	51.00	74.00	-23.00	peak	
2		2390.000	39.62	0.09	39.71	54.00	-14.29	AVG	
3		4824.000	45.16	6.38	51.54	74.00	-22.46	peak	
4		4824.000	34.19	6.38	40.57	54.00	-13.43	AVG	
5		7236.000	45.63	10.48	56.11	74.00	-17.89	peak	
6	*	7236.000	34.17	10.48	44.65	54.00	-9.35	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)



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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11g Mid

Polarization: **Horizontal**

Power: DC 12V

Distance: 3m

Temperature: 26

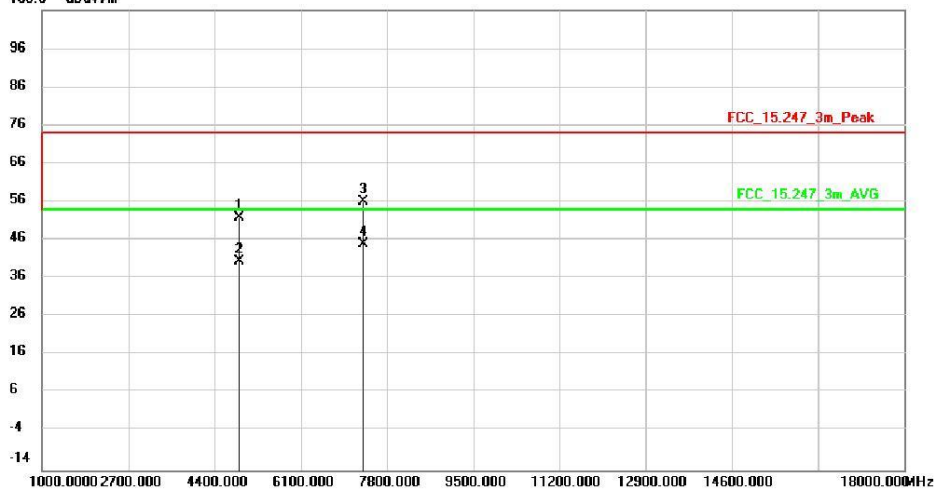
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:00:39

106.0 dBμV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB/m	dBuV/m	dBuV/m	dB		
1		4874.000	45.42	6.56	51.98	74.00	-22.02	peak	
2		4874.000	33.94	6.56	40.50	54.00	-13.50	AVG	
3		7311.000	45.39	10.53	55.92	74.00	-18.08	peak	
4	*	7311.000	34.37	10.53	44.90	54.00	-9.10	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#9

Page: 1

Engineer Signature:

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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11g Mid

Polarization: **Vertical**

Power: DC 12V

Distance: 3m

Temperature: 26

Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:07:35



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	dBμV	dB/m	dBμV/m	dBμV/m	dB	Detector	Comment
1		4874.000	46.05	6.56	52.61	74.00	-21.39	peak	
2		4874.000	34.09	6.56	40.65	54.00	-13.35	AVG	
3		7311.000	45.57	10.53	56.10	74.00	-17.90	peak	
4	*	7311.000	34.37	10.53	44.90	54.00	-9.10	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#10

Page: 1

Engineer Signature:

Alvin



Dongguan NTC Co., Ltd.
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Site: 3m Chamber

Polarization: **Horizontal**

Temperature: 26

Limit: FCC_15.247_3m_Peak

Power: DC 12V

Humidity: 47 %

EUT: Cay player

Distance: 3m

M/N: TBD

Mode: TX (2.4G WIFI)

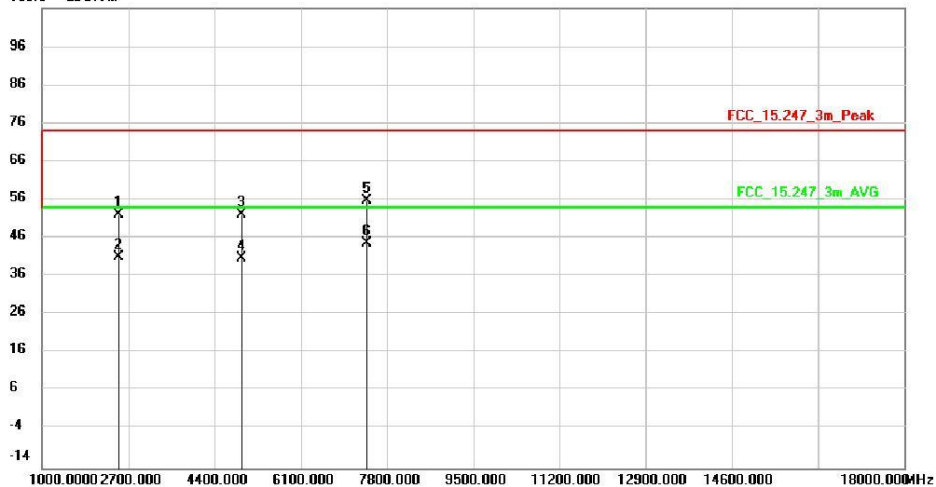
Note: 802.11g High

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:12:03

106.0 dBuV/m



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	2483.500	51.81	0.34	52.15	74.00	-21.85	peak	
2	2483.500	40.61	0.34	40.95	54.00	-13.05	AVG	
3	4924.000	45.39	6.76	52.15	74.00	-21.85	peak	
4	4924.000	33.95	6.76	40.71	54.00	-13.29	AVG	
5	7386.000	45.25	10.57	55.82	74.00	-18.18	peak	
6 *	7386.000	33.97	10.57	44.54	54.00	-9.46	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#11

Page: 1

Engineer Signature:

Alvin



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Tel: +86-769-2202 2444
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Site: 3m Chamber

Polarization: **Vertical**

Temperature: 26

Limit: FCC_15.247_3m_Peak

Power: DC 12V

Humidity: 47 %

EUT: Cay player

Distance: 3m

M/N: TBD

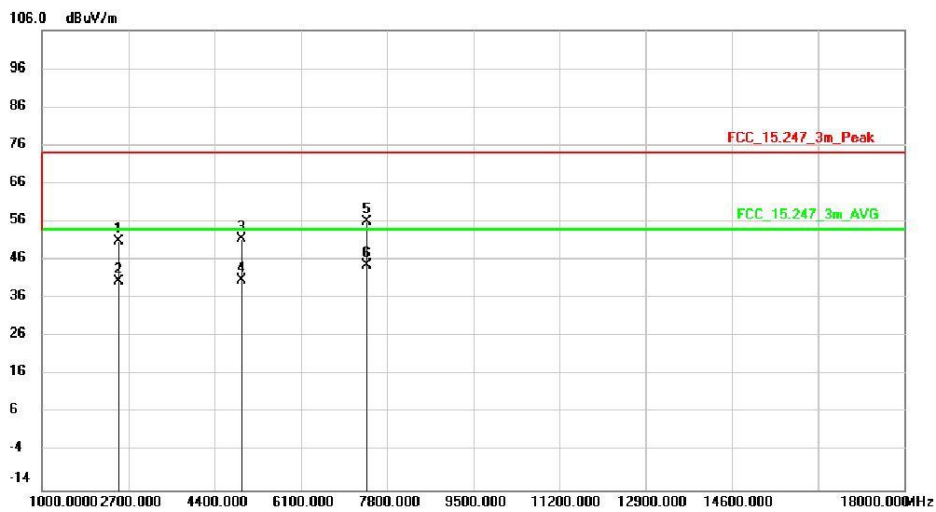
Mode: TX (2.4G WIFI)

Note: 802.11g High

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:18:46



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	50.52	0.34	50.86	74.00	-23.14	peak	
2		2483.500	39.98	0.34	40.32	54.00	-13.68	AVG	
3		4924.000	44.82	6.76	51.58	74.00	-22.42	peak	
4		4924.000	34.07	6.76	40.83	54.00	-13.17	AVG	
5		7386.000	45.42	10.57	55.99	74.00	-18.01	peak	
6	*	7386.000	33.95	10.57	44.52	54.00	-9.48	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)



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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n20 Low

Polarization: **Horizontal**

Power: DC 12V

Distance: 3m

Temperature: 26

Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:24:30



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	53.80	0.09	53.89	74.00	-20.11	peak	
2		2390.000	42.60	0.09	42.69	54.00	-11.31	AVG	
3		4824.000	44.11	6.38	50.49	74.00	-23.51	peak	
4		4824.000	34.05	6.38	40.43	54.00	-13.57	AVG	
5		7236.000	45.42	10.48	55.90	74.00	-18.10	peak	
6	*	7236.000	34.14	10.48	44.62	54.00	-9.38	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#13

Page: 1

Engineer Signature:

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Tel: +86-769-2202 2444
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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n20 Low

Polarization: **Vertical**

Power: DC 12V

Distance: 3m

Temperature: 26

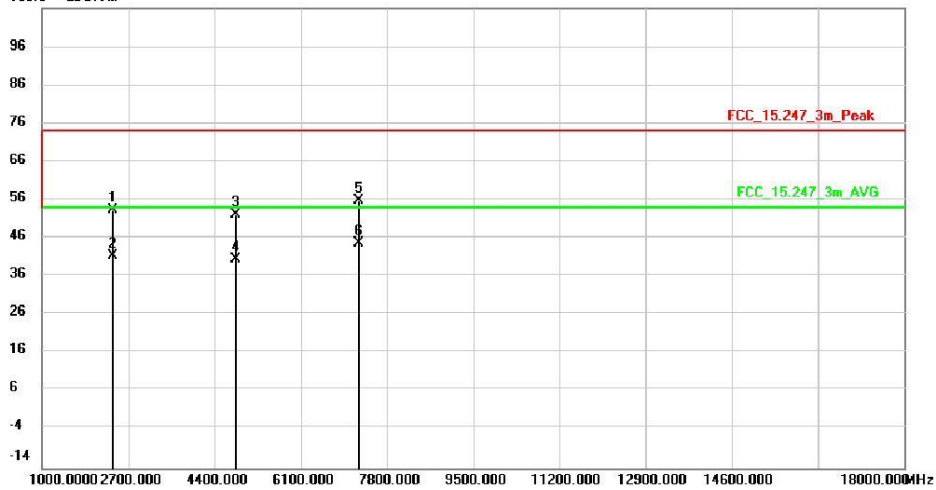
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:30:47

106.0 dBuV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	53.34	0.09	53.43	74.00	-20.57	peak	
2		2390.000	41.38	0.09	41.47	54.00	-12.53	AVG	
3		4824.000	45.90	6.38	52.28	74.00	-21.72	peak	
4		4824.000	34.09	6.38	40.47	54.00	-13.53	AVG	
5		7236.000	45.14	10.48	55.62	74.00	-18.38	peak	
6	*	7236.000	34.09	10.48	44.57	54.00	-9.43	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#14

Page: 1

Engineer Signature:

Alvin



Dongguan NTC Co., Ltd.
Tel: +86-769-2202 2444
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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n20 Mid

Polarization: **Horizontal**

Power: DC 12V

Distance: 3m

Temperature: 26

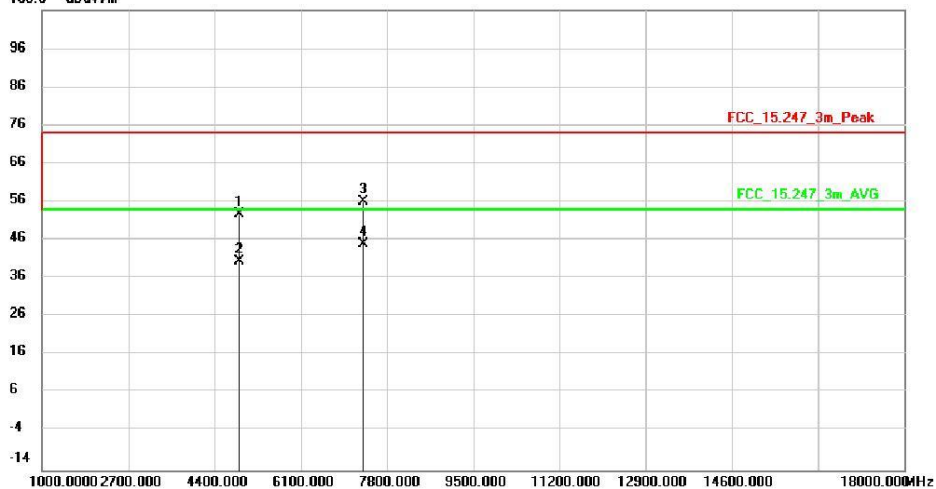
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:36:53

106.0 dBμV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBμV	dB/m	dBμV/m	dBμV/m	dB	Detector	Comment
1		4874.000	46.08	6.56	52.64	74.00	-21.36	peak	
2		4874.000	33.95	6.56	40.51	54.00	-13.49	AVG	
3		7311.000	45.54	10.53	56.07	74.00	-17.93	peak	
4	*	7311.000	34.39	10.53	44.92	54.00	-9.08	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#15

Page: 1

Engineer Signature:

Alvin



Dongguan NTC Co., Ltd.
Tel: +86-769-2202 2444
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Site: 3m Chamber

Polarization: **Vertical**

Temperature: 26

Limit: FCC_15.247_3m_Peak

Power: DC 12V

Humidity: 47 %

EUT: Cay player

Distance: 3m

M/N: TBD

Mode: TX (2.4G WIFI)

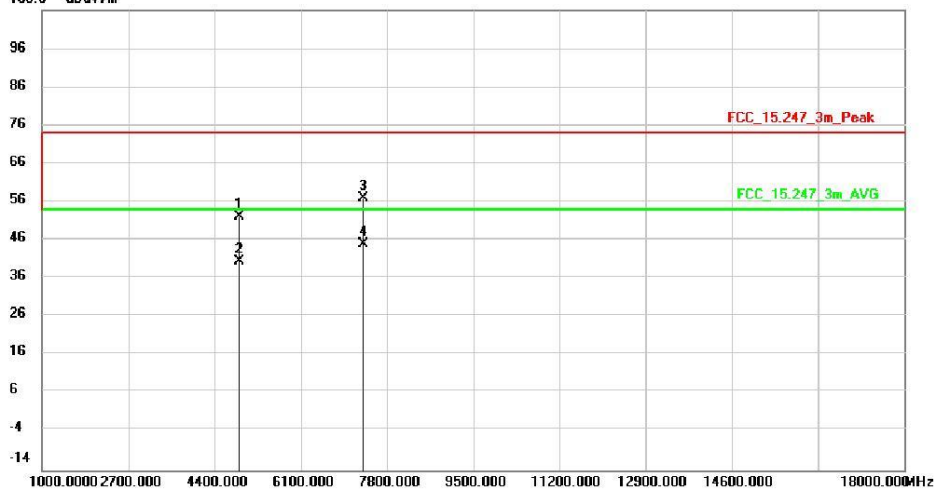
Note: 802.11n20 Mid

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:42:25

106.0 dBμV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBμV	dB/m	dBμV/m	dBμV/m	dB	Detector	Comment
1		4874.000	45.69	6.56	52.25	74.00	-21.75	peak	
2		4874.000	33.99	6.56	40.55	54.00	-13.45	AVG	
3		7311.000	46.52	10.53	57.05	74.00	-16.95	peak	
4	*	7311.000	34.35	10.53	44.88	54.00	-9.12	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#16

Page: 1

Engineer Signature:

Alvin



Dongguan NTC Co., Ltd.
Tel: +86-769-2202 2444
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Fax: +86-769-2202 2799

Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n20 High

Polarization: **Horizontal**

Power: DC 12V

Distance: 3m

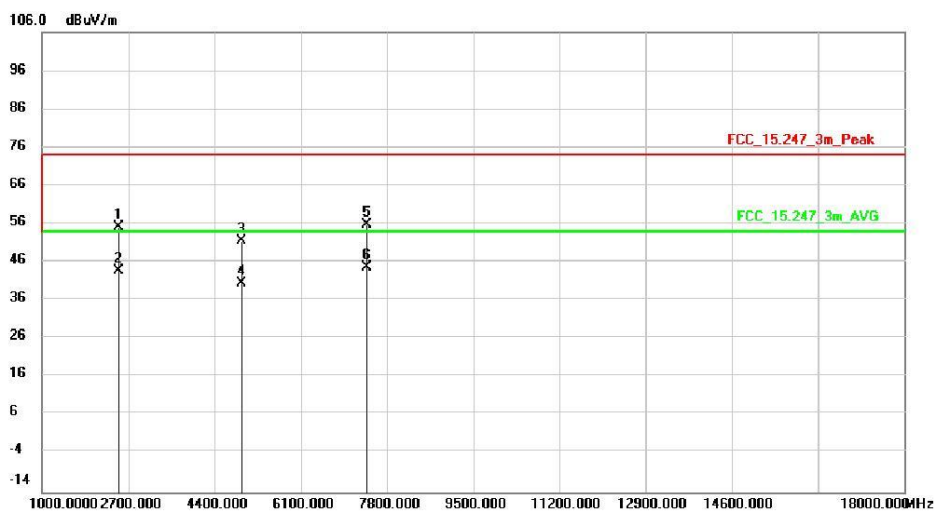
Temperature: 26

Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:48:50



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	54.69	0.34	55.03	74.00	-18.97	peak	
2		2483.500	43.38	0.34	43.72	54.00	-10.28	AVG	
3		4924.000	44.91	6.76	51.67	74.00	-22.33	peak	
4		4924.000	33.58	6.76	40.34	54.00	-13.66	AVG	
5		7386.000	45.17	10.57	55.74	74.00	-18.26	peak	
6	*	7386.000	33.94	10.57	44.51	54.00	-9.49	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#17

Page: 1

Engineer Signature:

Alvin



Dongguan NTC Co., Ltd.
Tel: +86-769-2202 2444
Web: www.ntc-c.com

Fax: +86-769-2202 2799

Site: 3m Chamber

Polarization: **Vertical**

Temperature: 26

Limit: FCC_15.247_3m_Peak

Power: DC 12V

Humidity: 47 %

EUT: Cay player

Distance: 3m

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n20 High

Radiated Emission Measurement

Date: 2024/9/12

Time: 0:54:32



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	dBuV	Factor	ment	dBuV/m	dB	Detector	Comment
1		2483.500	51.95	0.34	52.29	74.00	-21.71	peak	
2		2483.500	39.95	0.34	40.29	54.00	-13.71	AVG	
3		4924.000	45.43	6.76	52.19	74.00	-21.81	peak	
4		4924.000	34.04	6.76	40.80	54.00	-13.20	AVG	
5		7386.000	45.84	10.57	56.41	74.00	-17.59	peak	
6	*	7386.000	34.00	10.57	44.57	54.00	-9.43	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)



Dongguan NTC Co., Ltd.
Tel: +86-769-2202 2444
Web: www.ntc-c.com

Fax: +86-769-2202 2799

Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n40 Low

Polarization: **Horizontal**

Power: DC 12V

Distance: 3m

Temperature: 26

Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 1:00:16



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	60.33	0.09	60.42	74.00	-13.58	peak	
2	*	2390.000	50.73	0.09	50.82	54.00	-3.18	AVG	
3		4844.000	45.54	6.45	51.99	74.00	-22.01	peak	
4		4844.000	34.17	6.45	40.62	54.00	-13.38	AVG	
5		7266.000	45.65	10.53	56.18	74.00	-17.82	peak	
6		7266.000	34.29	10.53	44.82	54.00	-9.18	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)



Dongguan NTC Co., Ltd.
Tel: +86-769-2202 2444
Web: www.ntc-c.com

Fax: +86-769-2202 2799

Site: 3m Chamber

Polarization: **Vertical**

Temperature: 26

Limit: FCC_15.247_3m_Peak

Power: DC 12V

Humidity: 47 %

EUT: Cay player

Distance: 3m

M/N: TBD

Mode: TX (2.4G WIFI)

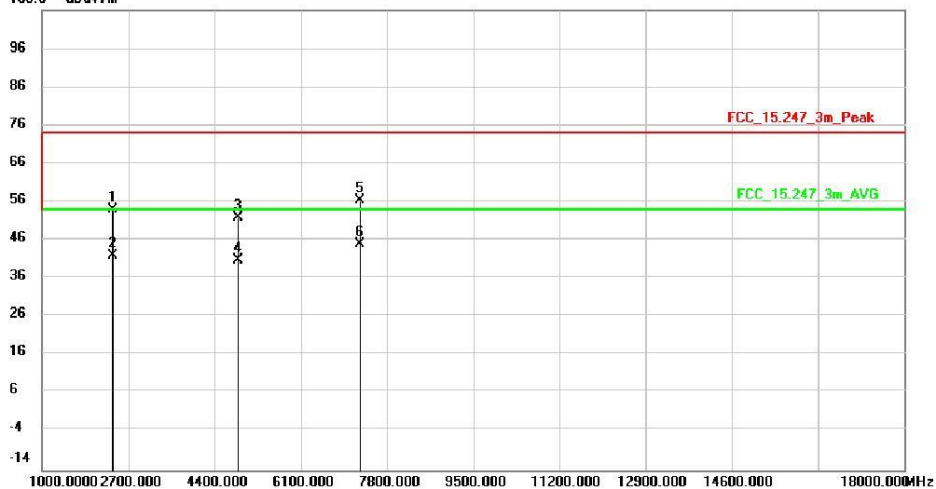
Note: 802.11n40 Low

Radiated Emission Measurement

Date: 2024/9/12

Time: 1:07:35

106.0 dBuV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	dBuV	Factor	ment	dBuV/m	dB	Detector	Comment
1		2390.000	53.80	0.09	53.89	74.00	-20.11	peak	
2		2390.000	42.00	0.09	42.09	54.00	-11.91	AVG	
3		4844.000	45.42	6.45	51.87	74.00	-22.13	peak	
4		4844.000	34.17	6.45	40.62	54.00	-13.38	AVG	
5		7266.000	45.73	10.53	56.26	74.00	-17.74	peak	
6	*	7266.000	34.29	10.53	44.82	54.00	-9.18	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#20

Page: 1

Engineer Signature:

Alvin



Dongguan NTC Co., Ltd.
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Fax: +86-769-2202 2799

Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n40 Mid

Polarization: **Horizontal**

Power: DC 12V

Distance: 3m

Temperature: 26

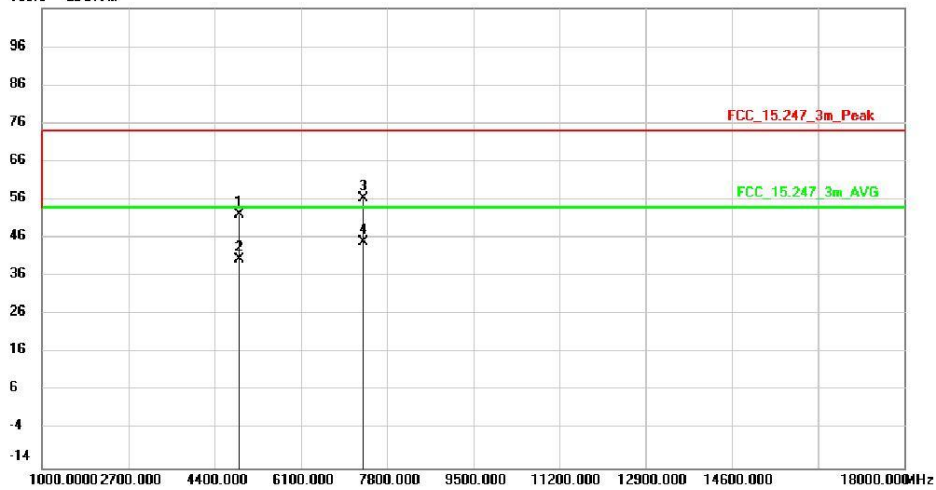
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 1:13:28

106.0 dBuV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.62	6.56	52.18	74.00	-21.82	peak	
2		4874.000	33.91	6.56	40.47	54.00	-13.53	AVG	
3		7311.000	45.96	10.53	56.49	74.00	-17.51	peak	
4	*	7311.000	34.30	10.53	44.83	54.00	-9.17	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#21

Page: 1

Engineer Signature:

Alvin



Dongguan NTC Co., Ltd.
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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n40 Mid

Polarization: **Vertical**

Power: DC 12V

Distance: 3m

Temperature: 26

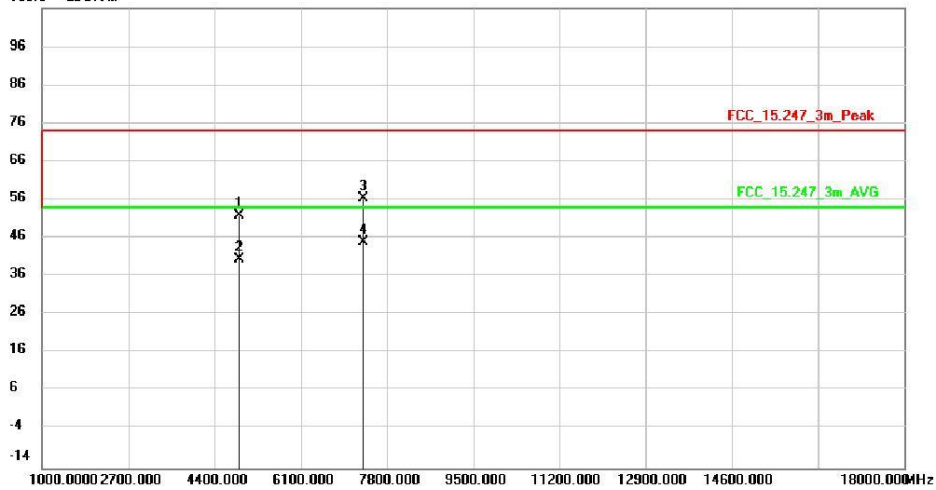
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 1:19:03

106.0 dBμV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.44	6.56	52.00	74.00	-22.00	peak	
2		4874.000	33.99	6.56	40.55	54.00	-13.45	AVG	
3		7311.000	45.77	10.53	56.30	74.00	-17.70	peak	
4	*	7311.000	34.37	10.53	44.90	54.00	-9.10	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#22

Page: 1

Engineer Signature:

Alvin



Dongguan NTC Co., Ltd.
Tel: +86-769-2202 2444
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Fax: +86-769-2202 2799

Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n40 High

Polarization: **Horizontal**

Power: DC 12V

Distance: 3m

Temperature: 26

Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 1:25:54



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	dBuV	Factor	ment	dBuV/m	dB	Detector	Comment
1		2483.500	52.36	0.34	52.70	74.00	-21.30	peak	
2		2483.500	41.05	0.34	41.39	54.00	-12.61	AVG	
3		4904.000	46.22	6.68	52.90	74.00	-21.10	peak	
4		4904.000	33.77	6.68	40.45	54.00	-13.55	AVG	
5		7356.000	45.45	10.55	56.00	74.00	-18.00	peak	
6	*	7356.000	34.41	10.55	44.96	54.00	-9.04	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)



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Site: 3m Chamber

Limit: FCC_15.247_3m_Peak

EUT: Cay player

M/N: TBD

Mode: TX (2.4G WIFI)

Note: 802.11n40 High

Polarization: **Vertical**

Power: DC 12V

Distance: 3m

Temperature: 26

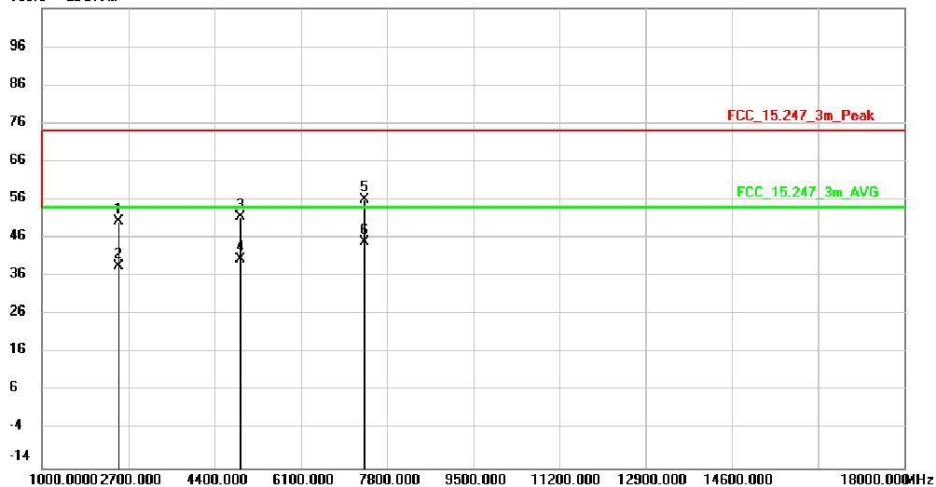
Humidity: 47 %

Radiated Emission Measurement

Date: 2024/9/12

Time: 1:32:49

106.0 dBuV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	dBuV	Factor	ment	dBuV/m	dB	Detector	Comment
1		2483.500	49.91	0.34	50.25	74.00	-23.75	peak	
2		2483.500	38.43	0.34	38.77	54.00	-15.23	AVG	
3		4904.000	44.73	6.68	51.41	74.00	-22.59	peak	
4		4904.000	33.80	6.68	40.48	54.00	-13.52	AVG	
5		7356.000	45.63	10.55	56.18	74.00	-17.82	peak	
6	*	7356.000	34.43	10.55	44.98	54.00	-9.02	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

File :TBD 2\Data :#24

Page: 1

Engineer Signature:

Alvin