



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: $\pi/4$ D-QPSK 2402MHz
Test Voltage: DC 3.7V from battery
Note:

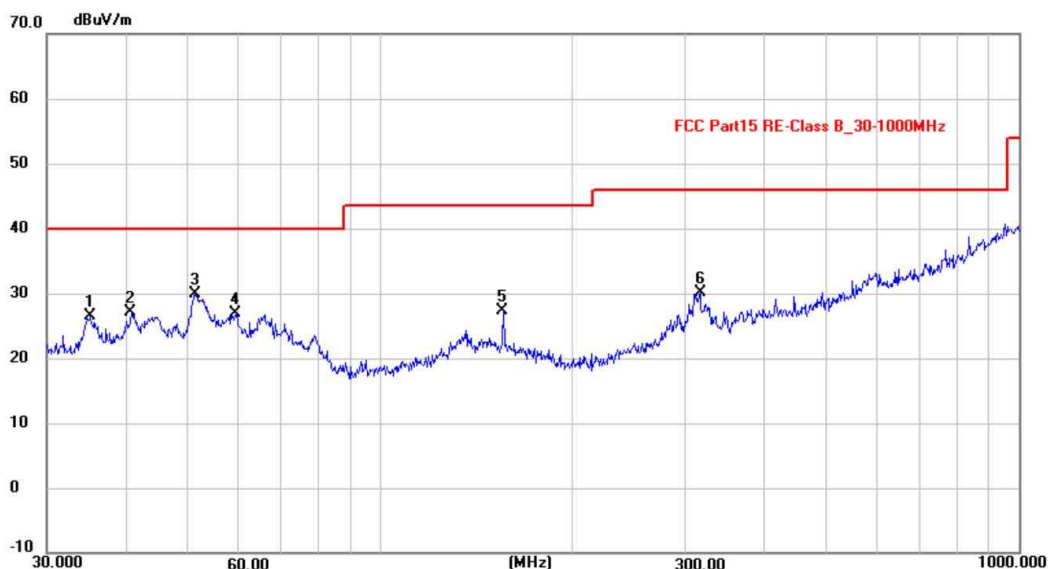
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

11:41:11



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	35.1278	12.59	13.86	26.45	40.00	-13.55	peak	100	102	P	
2	40.7016	12.47	14.54	27.01	40.00	-12.99	peak	100	245	P	
3 *	51.3005	15.99	14.01	30.00	40.00	-10.00	peak	100	165	P	
4	59.4405	13.83	13.17	27.00	40.00	-13.00	peak	100	78	P	
5	155.9101	13.14	14.26	27.40	43.50	-16.10	peak	100	234	P	
6	316.5890	14.71	15.37	30.08	46.00	-15.92	peak	100	65	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: $\pi/4$ D-QPSK 2441MHz
Test Voltage: DC 3.7V from battery
Note:

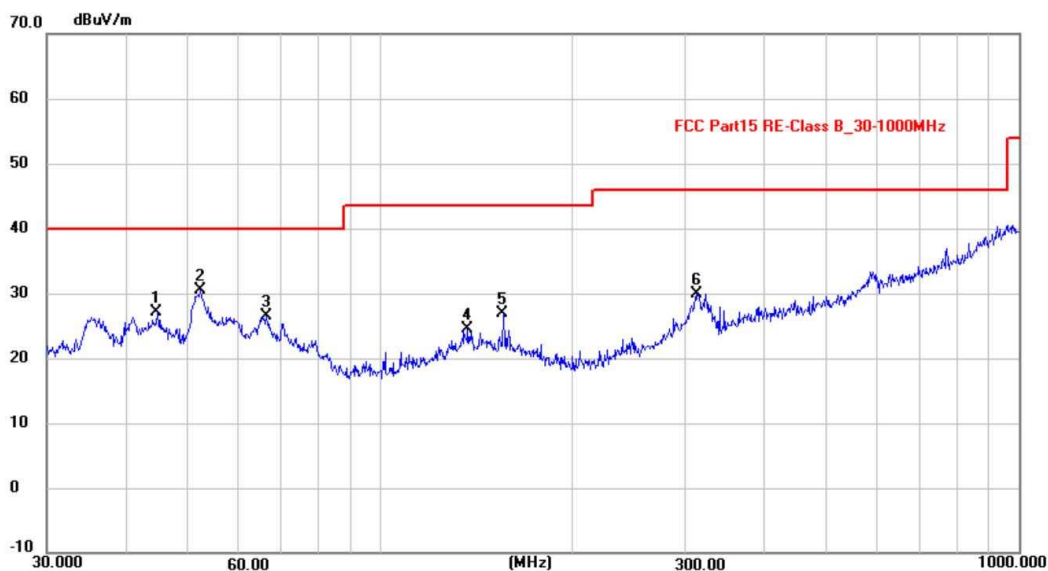
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

11:46:24



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	44.7433	12.74	14.37	27.11	40.00	-12.89	peak	100	134	P	
2 *	52.2079	16.67	13.92	30.59	40.00	-9.41	peak	100	57	P	
3	66.2662	14.08	12.47	26.55	40.00	-13.45	peak	100	98	P	
4	136.9391	10.76	13.69	24.45	43.50	-19.05	peak	100	147	P	
5	155.9101	12.72	14.26	26.98	43.50	-16.52	peak	100	201	P	
6	313.2760	14.69	15.28	29.97	46.00	-16.03	peak	100	297	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: $\pi/4$ D-QPSK 2441MHz
Test Voltage: DC 3.7V from battery
Note:

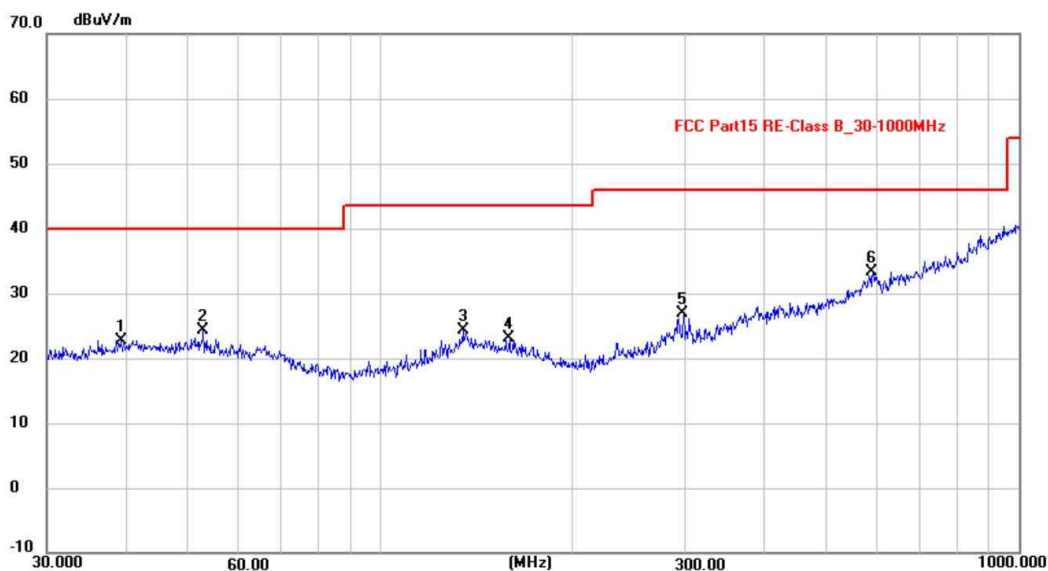
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

11:50:02



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	39.1616	8.34	14.45	22.79	40.00	-17.21	peak	200	248	P	
2	52.7600	10.41	13.86	24.27	40.00	-15.73	peak	200	134	P	
3	134.5592	10.71	13.54	24.25	43.50	-19.25	peak	200	247	P	
4	159.2251	8.81	14.33	23.14	43.50	-20.36	peak	200	98	P	
5	298.2681	12.04	14.87	26.91	46.00	-19.09	peak	200	105	P	
6 *	590.9737	10.58	22.64	33.22	46.00	-12.78	peak	200	247	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: $\pi/4$ D-QPSK 2480MHz
Test Voltage: DC 3.7V from battery
Note:

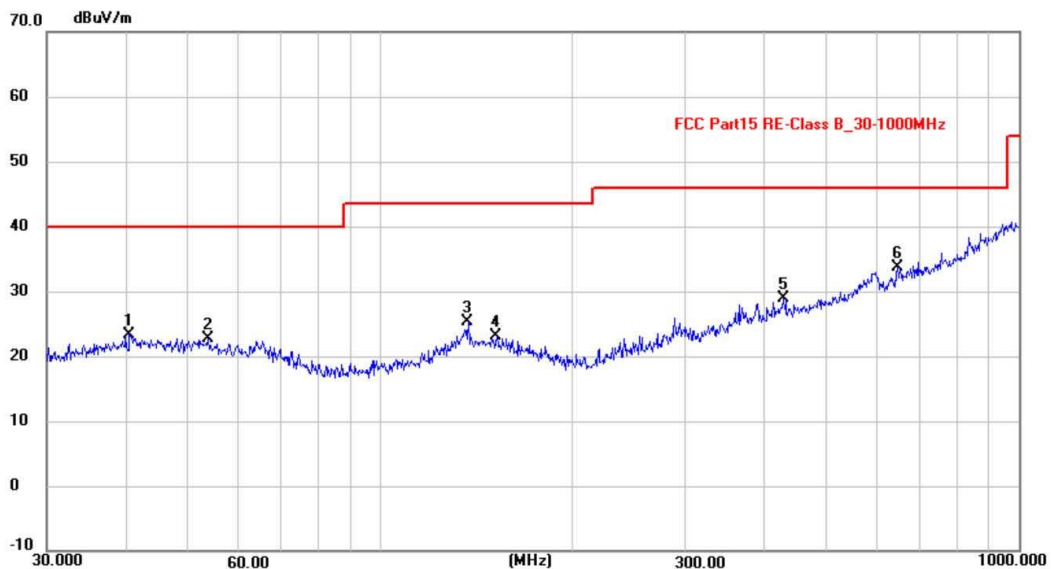
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

11:54:15



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	40.4172	8.84	14.55	23.39	40.00	-16.61	peak	200	265	P	
2	53.6932	8.96	13.76	22.72	40.00	-17.28	peak	200	132	P	
3	137.4202	11.59	13.72	25.31	43.50	-18.19	peak	200	200	P	
4	152.1297	8.85	14.17	23.02	43.50	-20.48	peak	200	145	P	
5	428.0193	10.41	18.41	28.82	46.00	-17.18	peak	200	327	P	
6 *	645.1195	10.15	23.62	33.77	46.00	-12.23	peak	200	148	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



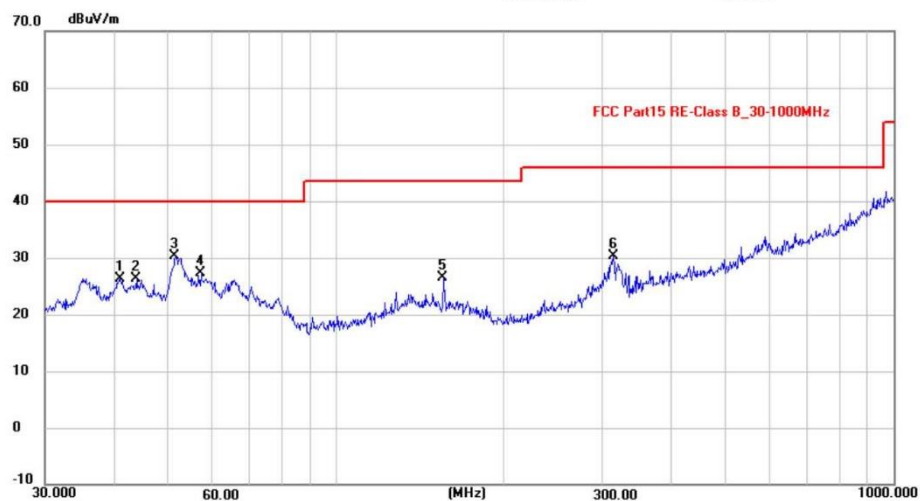
Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: N/A Distance: 3m Humidity: 54 %RH
M/N: N/A Test Engineer: Jensen Wang
Test Mode: $\Pi/4$ D-QPSK 2480MHz
Test Voltage: DC 3.7V from battery
Note:

Radiated Emission Measurement

2024/12/12

11:59:48



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	40.9881	11.73	14.53	26.26	40.00	-13.74	peak	100	127	P	
2	43.8119	11.85	14.41	26.26	40.00	-13.74	peak	100	214	P	
3 *	51.4807	16.30	13.99	30.29	40.00	-9.71	peak	100	165	P	
4	57.1914	13.94	13.40	27.34	40.00	-12.66	peak	100	48	P	
5	155.9101	12.18	14.26	26.44	43.50	-17.06	peak	100	79	P	
6	314.3765	15.01	15.31	30.32	46.00	-15.68	peak	100	203	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: 8DPSK 2402MHz
Test Voltage: DC 3.7V from battery
Note:

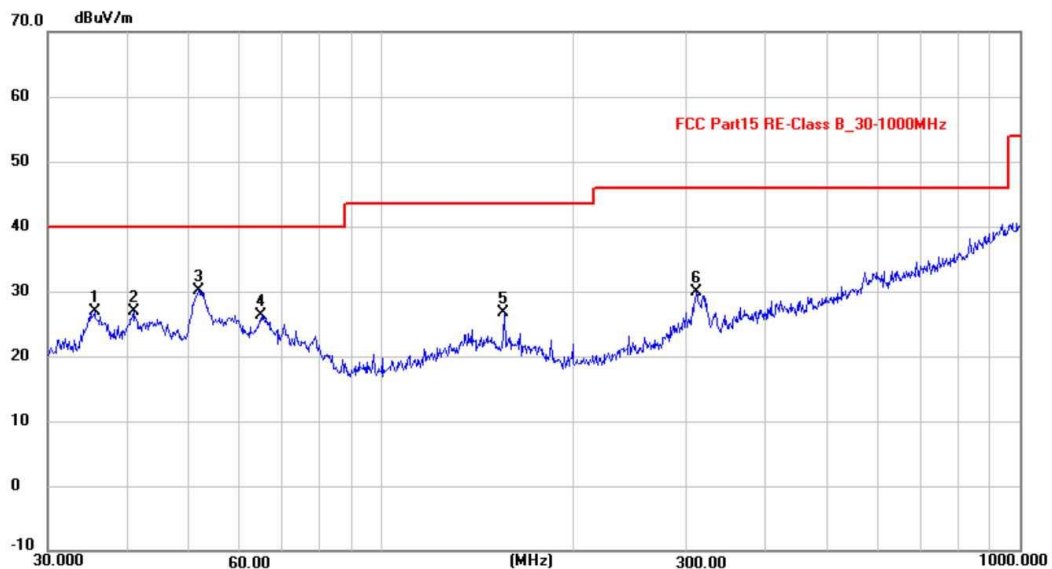
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

12:04:15



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	35.4993	13.04	13.91	26.95	40.00	-13.05	peak	100	247	P	
2	40.8446	12.33	14.54	26.87	40.00	-13.13	peak	100	87	P	
3 *	51.6616	16.15	13.97	30.12	40.00	-9.88	peak	100	166	P	
4	64.8865	13.63	12.61	26.24	40.00	-13.76	peak	100	21	P	
5	155.9101	12.47	14.26	26.73	43.50	-16.77	peak	100	140	P	
6	311.0867	14.60	15.22	29.82	46.00	-16.18	peak	100	304	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: 8DPSK 2402MHz
Test Voltage: DC 3.7V from battery
Note:

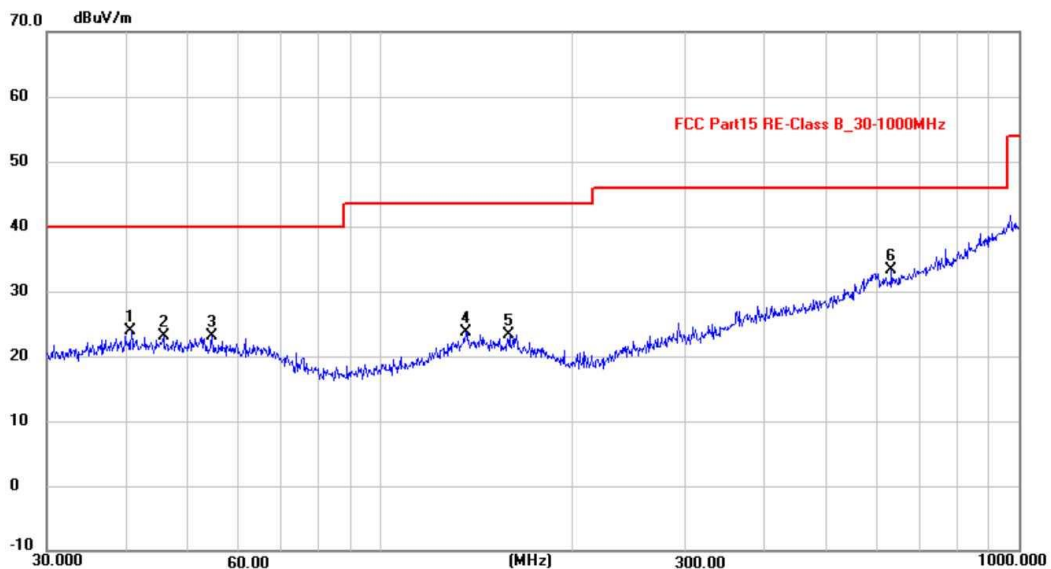
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

12:09:54



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	40.7016	9.35	14.54	23.89	40.00	-16.11	peak	200	148	P	
2	45.6948	8.77	14.33	23.10	40.00	-16.90	peak	200	249	P	
3	54.4516	9.43	13.68	23.11	40.00	-16.89	peak	200	134	P	
4	136.4598	10.14	13.66	23.80	43.50	-19.70	peak	200	207	P	
5	159.2251	9.02	14.33	23.35	43.50	-20.15	peak	200	187	P	
6 *	631.6884	9.90	23.40	33.30	46.00	-12.70	peak	200	31	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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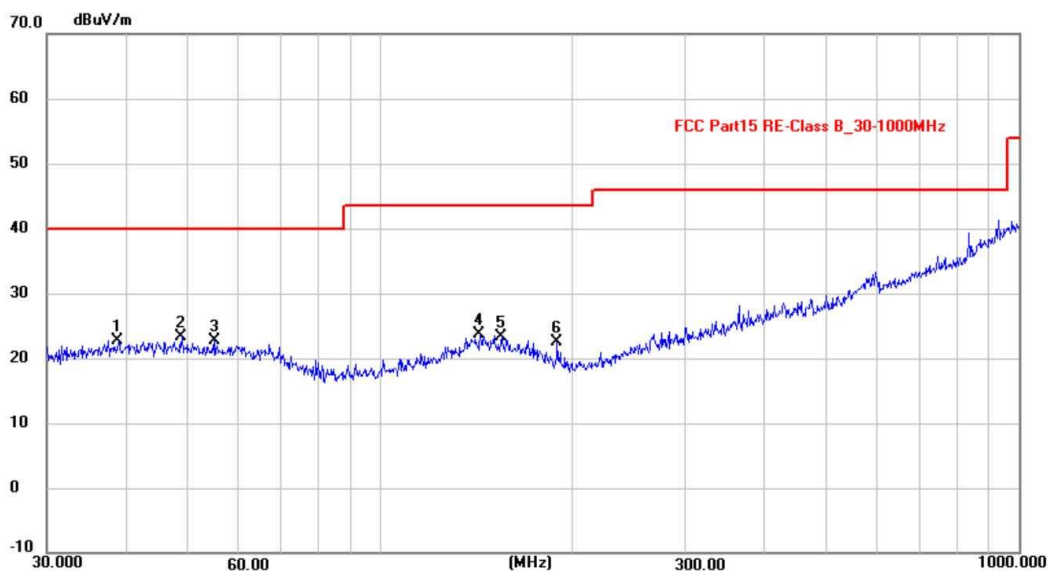
Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: 8DPSK2441MHz
Test Voltage: DC 3.7V from battery
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12 12:13:08



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	38.8878	8.37	14.40	22.77	40.00	-17.23	peak	200	214	P	
2 *	48.8428	9.13	14.19	23.32	40.00	-16.68	peak	200	135	P	
3	55.0274	9.06	13.63	22.69	40.00	-17.31	peak	200	247	P	
4	143.3260	9.68	13.98	23.66	43.50	-19.84	peak	200	98	P	
5	154.8204	9.05	14.24	23.29	43.50	-20.21	peak	200	20	P	
6	189.0743	10.65	11.83	22.48	43.50	-21.02	peak	200	148	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: 8DPSK2441MHz
Test Voltage: DC 3.7V from battery
Note:

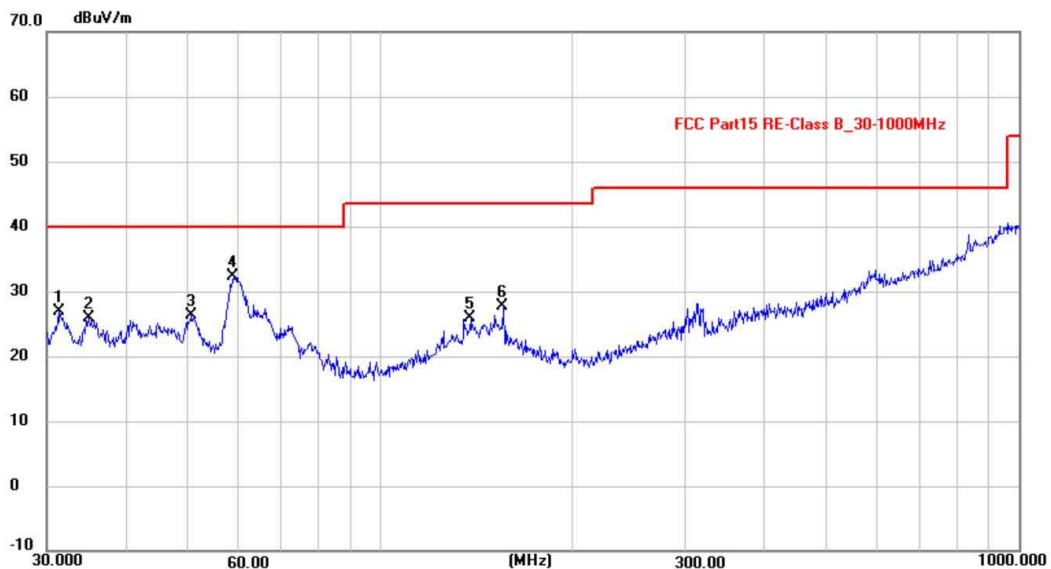
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

12:17:57



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	31.2893	13.61	13.22	26.83	40.00	-13.17	peak	100	218	P	
2	34.8823	12.04	13.81	25.85	40.00	-14.15	peak	100	157	P	
3	50.5860	12.26	14.09	26.35	40.00	-13.65	peak	100	49	P	
4 *	58.8185	19.16	13.24	32.40	40.00	-7.60	peak	100	230	P	
5	138.3873	12.09	13.80	25.89	43.50	-17.61	peak	100	254	P	
6	155.9101	13.37	14.26	27.63	43.50	-15.87	peak	100	81	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: 8DPSK 2480MHz
Test Voltage: DC 3.7V from battery
Note:

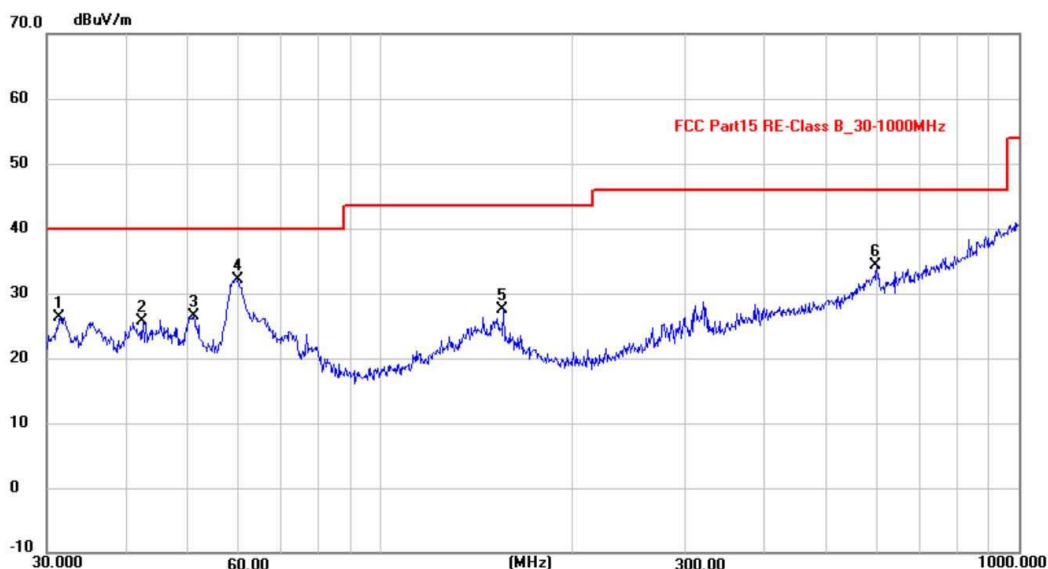
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

12:22:10



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	31.5095	13.01	13.25	26.26	40.00	-13.74	peak	100	204	P	
2	42.4508	11.25	14.47	25.72	40.00	-14.28	peak	100	65	P	
3	50.9420	12.51	14.05	26.56	40.00	-13.44	peak	100	247	P	
4 *	59.8588	18.97	13.13	32.10	40.00	-7.90	peak	100	84	P	
5	155.9101	13.15	14.26	27.41	43.50	-16.09	peak	100	110	P	
6	599.3212	11.39	22.86	34.25	46.00	-11.75	peak	100	123	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: 8DPSK 2480MHz
Test Voltage: DC 3.7V from battery
Note:

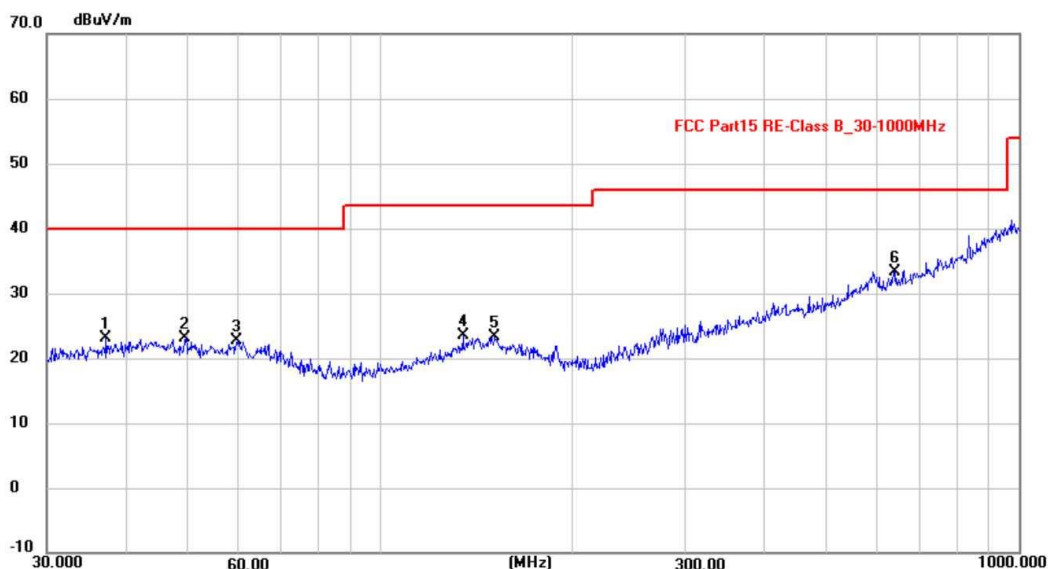
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

12:26:26



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	37.1550	8.88	14.15	23.03	40.00	-16.97	peak	200	98	P	
2	49.5328	8.91	14.16	23.07	40.00	-16.93	peak	200	52	P	
3	59.6493	9.53	13.15	22.68	40.00	-17.32	peak	200	147	P	
4	134.5592	9.88	13.54	23.42	43.50	-20.08	peak	200	58	P	
5	151.0666	9.16	14.15	23.31	43.50	-20.19	peak	200	41	P	
6 *	640.6110	9.84	23.55	33.39	46.00	-12.61	peak	200	301	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

1GHz - 18GHz

Appendix A.8: Test Results of Radiated Emissions in Restricted Bands



Shenzhen PSI Testing Co., Ltd.
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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: GFSK 2402MHz
Test Voltage: DC 3.7V from battery
Note:

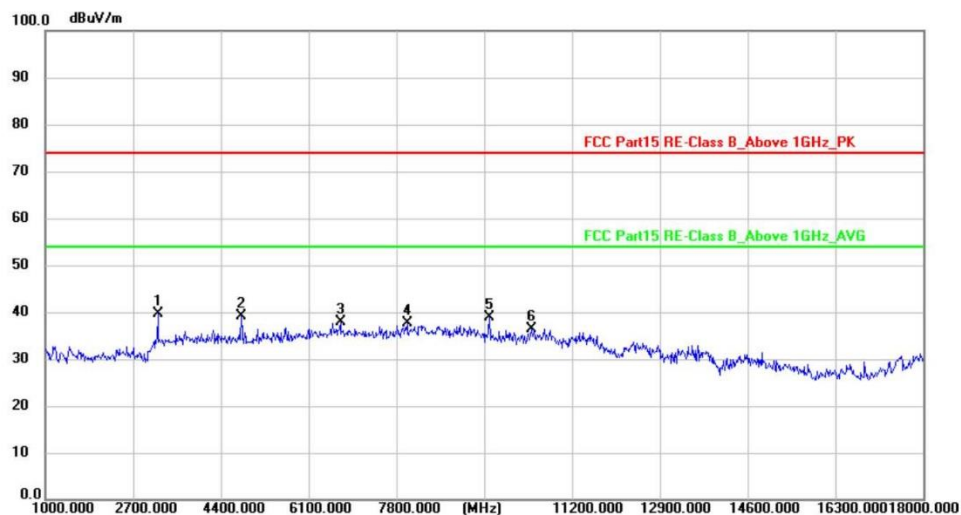
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:06:55



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	3188.750	57.57	-18.06	39.51	74.00	-34.49	peak	150	154	P	
2	4803.750	53.23	-14.06	39.17	74.00	-34.83	peak	150	120	P	
3	6716.250	46.71	-8.85	37.86	74.00	-36.14	peak	150	214	P	
4	8004.000	44.71	-7.16	37.55	74.00	-36.45	peak	150	87	P	
5	9608.375	44.61	-5.85	38.76	74.00	-35.24	peak	150	190	P	
6	10424.375	41.45	-5.04	36.41	74.00	-37.59	peak	150	206	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: GFSK 2402MHz
Test Voltage: DC 3.7V from battery
Note:

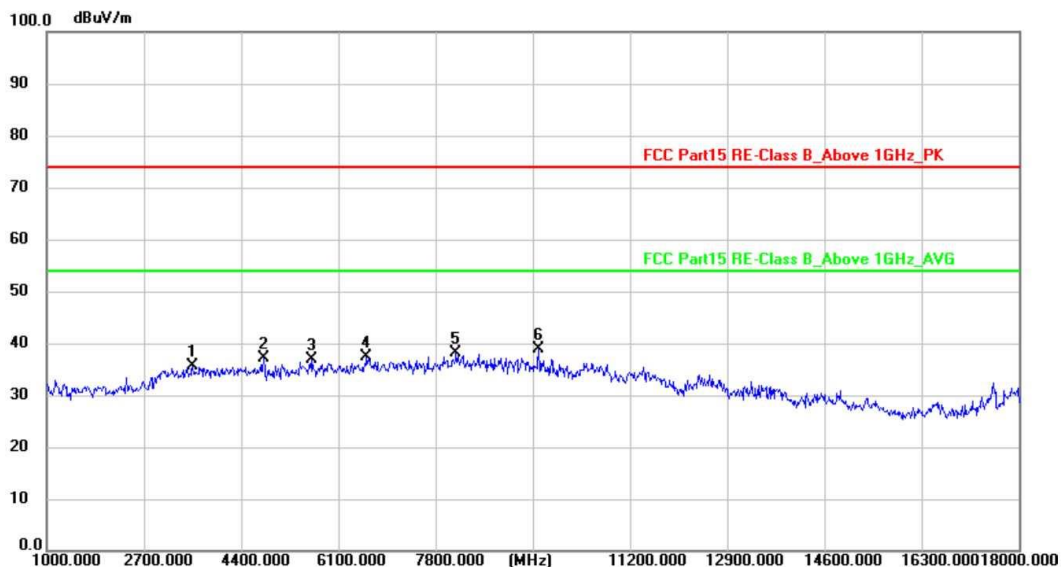
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:11:34



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3564.875	52.74	-17.14	35.60	74.00	-38.40	peak	150	132	P	
2	4803.750	50.28	-13.25	37.03	74.00	-36.97	peak	150	204	P	
3	5651.625	48.28	-11.44	36.84	74.00	-37.16	peak	150	157	P	
4	6593.000	46.55	-9.18	37.37	74.00	-36.63	peak	150	84	P	
5	8163.375	45.05	-7.00	38.05	74.00	-35.95	peak	150	16	P	
6 *	9608.375	44.79	-5.85	38.94	74.00	-35.06	peak	150	247	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: GFSK 2441MHz
Test Voltage: DC 3.7V from battery
Note:

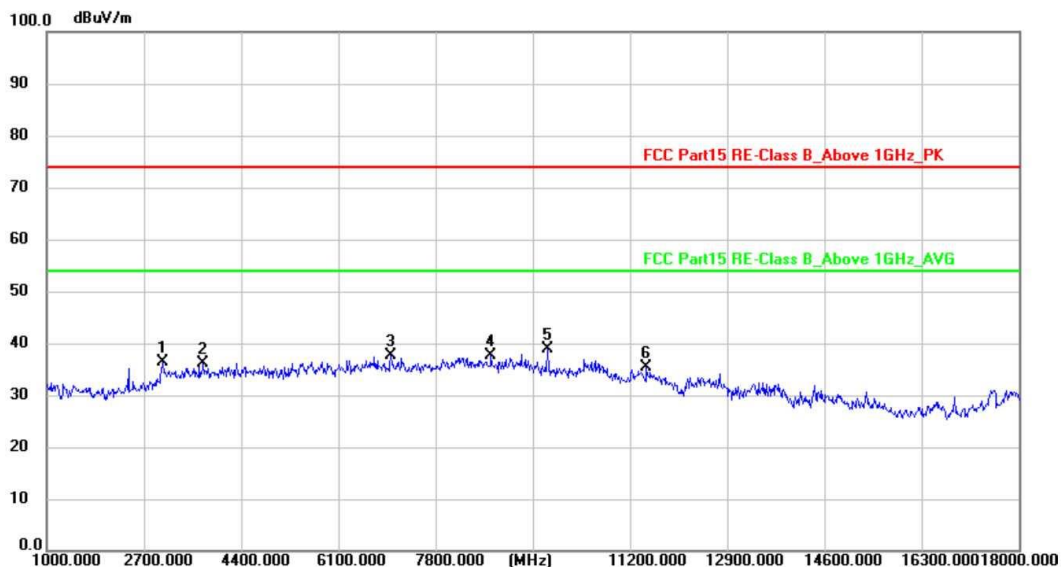
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:16:46



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3027.250	54.83	-18.45	36.38	74.00	-37.62	peak	150	132	P	
2	3739.125	52.84	-16.72	36.12	74.00	-37.88	peak	150	247	P	
3	7022.250	45.73	-8.01	37.72	74.00	-36.28	peak	150	78	P	
4	8783.875	44.04	-6.41	37.63	74.00	-36.37	peak	150	109	P	
5 *	9763.500	44.57	-5.76	38.81	74.00	-35.19	peak	150	241	P	
6	11499.625	39.75	-4.26	35.49	74.00	-38.51	peak	150	122	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: GFSK 2441MHz
Test Voltage: DC 3.7V from battery
Note:

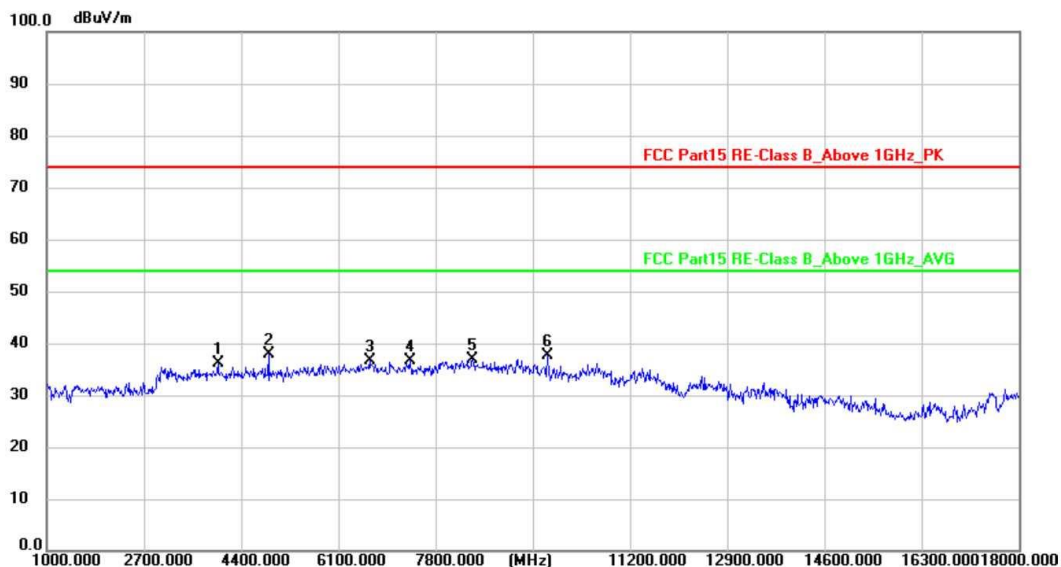
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:20:06



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3996.250	52.33	-16.11	36.22	74.00	-37.78	peak	150	135	P	
2 *	4880.250	51.62	-13.86	37.76	74.00	-36.24	peak	150	248	P	
3	6656.750	45.76	-9.01	36.75	74.00	-37.25	peak	150	167	P	
4	7368.625	44.30	-7.72	36.58	74.00	-37.42	peak	150	201	P	
5	8458.750	43.65	-6.72	36.93	74.00	-37.07	peak	150	98	P	
6	9765.625	43.40	-5.76	37.64	74.00	-36.36	peak	150	145	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: GFSK 2480MHz
Test Voltage: DC 3.7V from battery
Note:

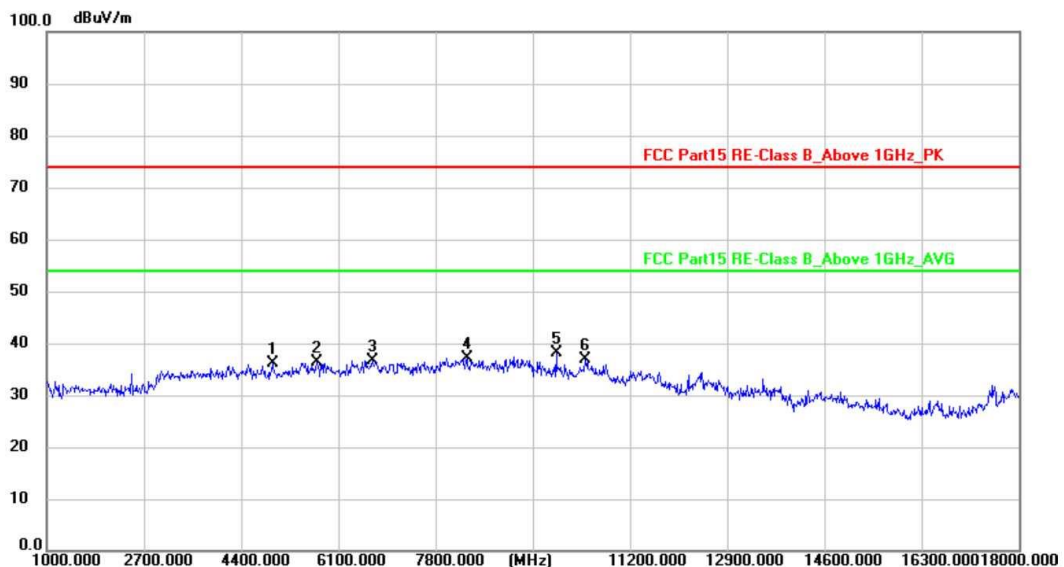
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:25:47



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	4958.875	49.93	-13.68	36.25	74.00	-37.75	peak	150	230	P	
2	5740.875	47.86	-11.56	36.30	74.00	-37.70	peak	150	78	P	
3	6697.125	45.61	-8.90	36.71	74.00	-37.29	peak	150	165	P	
4	8352.500	44.08	-6.83	37.25	74.00	-36.75	peak	150	49	P	
5 *	9920.750	43.72	-5.67	38.05	74.00	-35.95	peak	150	120	P	
6	10432.875	41.92	-5.04	36.88	74.00	-37.12	peak	150	157	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: GFSK 2480MHz
Test Voltage: DC 3.7V from battery
Note:

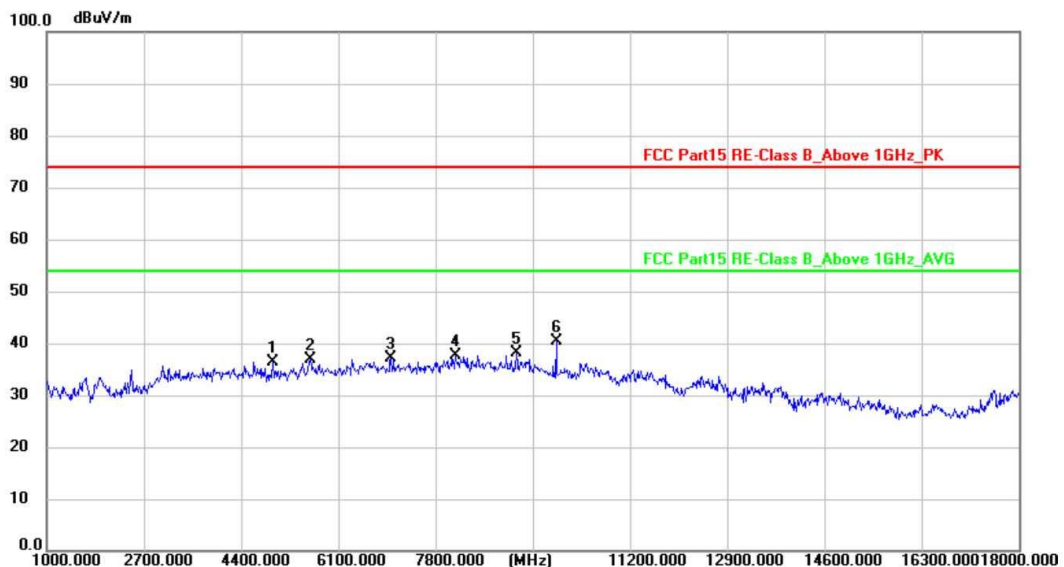
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:29:17



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	4961.000	49.20	-12.70	36.50	74.00	-37.50	peak	150	154	P	
2	5619.750	48.37	-11.51	36.86	74.00	-37.14	peak	150	217	P	
3	7018.000	45.05	-8.03	37.02	74.00	-36.98	peak	150	136	P	
4	8148.500	44.76	-7.02	37.74	74.00	-36.26	peak	150	209	P	
5	9217.375	44.16	-6.07	38.09	74.00	-35.91	peak	150	103	P	
6 *	9920.750	46.15	-5.67	40.48	74.00	-33.52	peak	150	87	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: $\pi/4$ -DQPSK 2402MHz
Test Voltage: DC 3.7V from battery
Note:

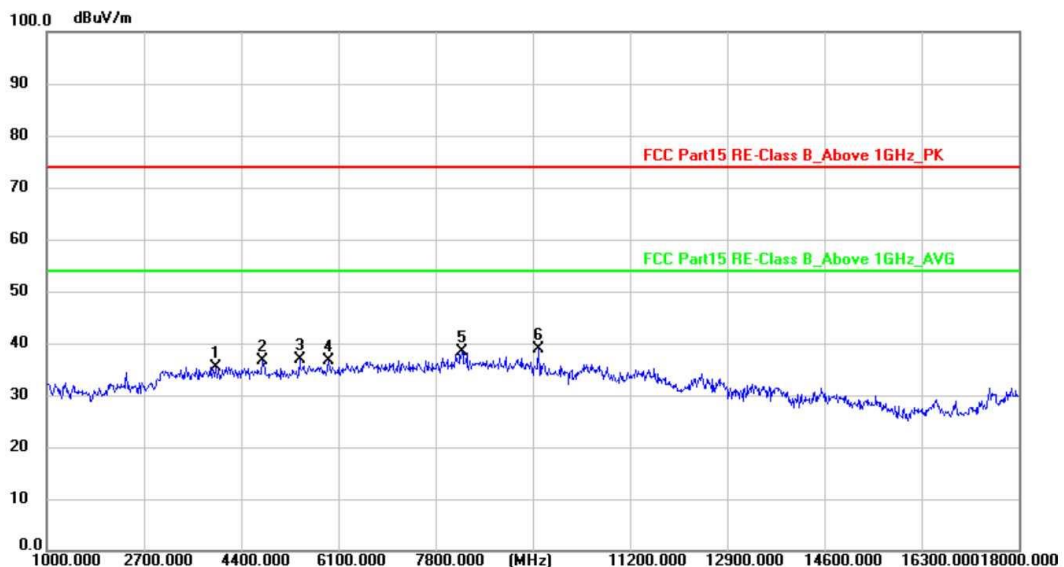
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:33:01



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3958.000	51.65	-16.20	35.45	74.00	-38.55	peak	150	154	P	
2	4782.500	49.90	-13.34	36.56	74.00	-37.44	peak	150	214	P	
3	5430.625	48.76	-11.83	36.93	74.00	-37.07	peak	150	78	P	
4	5940.625	47.53	-10.98	36.55	74.00	-37.45	peak	150	103	P	
5	8261.125	45.24	-6.91	38.33	74.00	-35.67	peak	150	268	P	
6 *	9608.375	44.80	-5.85	38.95	74.00	-35.05	peak	150	49	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: $\pi/4$ -DQPSK 2402MHz
Test Voltage: DC 3.7V from battery
Note:

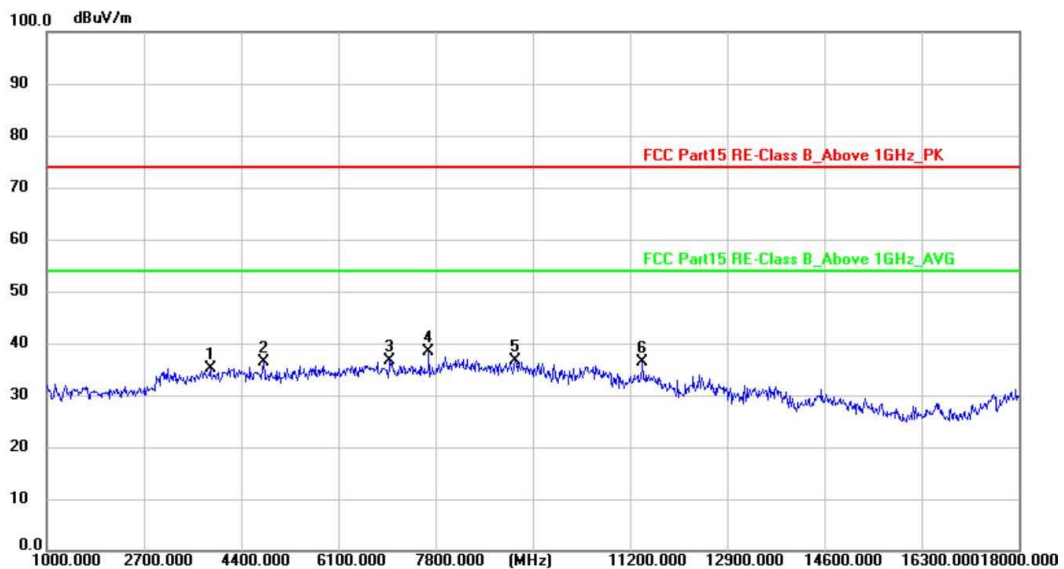
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:38:23



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3860.250	51.52	-16.43	35.09	74.00	-38.91	peak	150	78	P	
2	4803.750	49.58	-13.25	36.33	74.00	-37.67	peak	150	120	P	
3	7015.875	44.74	-8.03	36.71	74.00	-37.29	peak	150	247	P	
4 *	7687.375	45.78	-7.44	38.34	74.00	-35.66	peak	150	165	P	
5	9200.375	42.73	-6.09	36.64	74.00	-37.36	peak	150	48	P	
6	11433.750	40.64	-4.25	36.39	74.00	-37.61	peak	150	72	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: N/A
M/N: N/A
Test Mode: $\pi/4$ -DQPSK 2441MHz
Test Voltage: DC 3.7V from battery
Note:

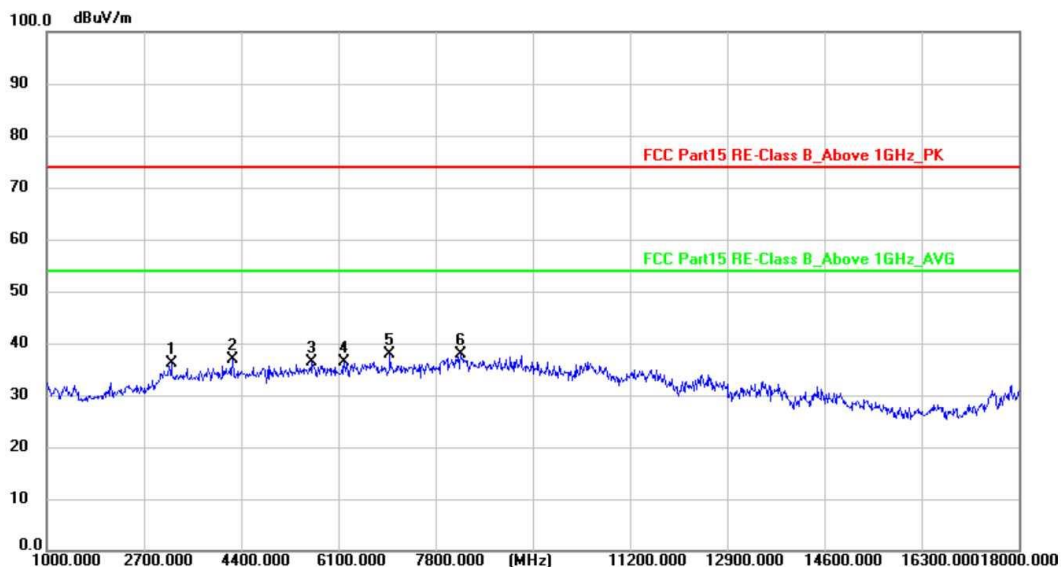
Polarization: **Vertical**
Distance: 3m
Test Engineer: Jensen Wang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

2024/12/12

09:43:26



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3176.000	54.19	-18.09	36.10	74.00	-37.90	peak	150	165	P	
2	4255.500	52.14	-15.19	36.95	74.00	-37.05	peak	150	248	P	
3	5655.875	47.70	-11.44	36.26	74.00	-37.74	peak	150	106	P	
4	6214.750	46.71	-10.26	36.45	74.00	-37.55	peak	150	167	P	
5 *	7005.250	45.94	-8.04	37.90	74.00	-36.10	peak	150	158	P	
6	8256.875	44.67	-6.91	37.76	74.00	-36.24	peak	150	220	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit