



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: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: AX20 2437MHz MIMO		
Test Voltage: DC 3.7V		
Note:		

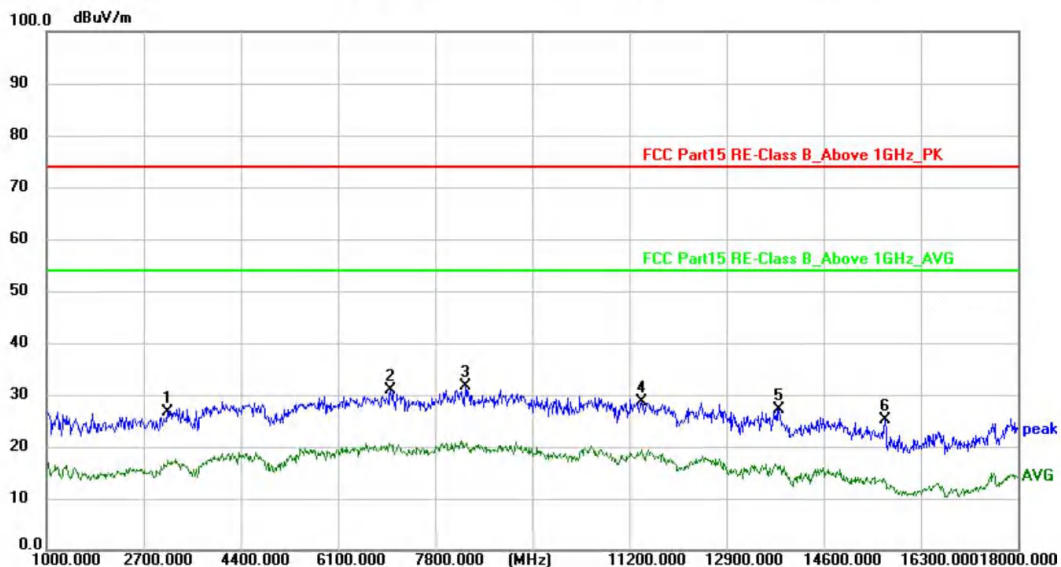
Radiated Emission Measurement

Project No.: 1-18

Data :#22

2024/7/16

10:39:13



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	3108.000	50.77	-24.02	26.75	74.00	-47.25	peak			P	
2	7018.000	45.04	-14.08	30.96	74.00	-43.04	peak			P	
3 *	8327.000	44.47	-12.92	31.55	74.00	-42.45	peak			P	
4	11421.000	38.97	-10.40	28.57	74.00	-45.43	peak			P	
5	13818.000	35.54	-8.39	27.15	74.00	-46.85	peak			P	
6	15671.000	34.07	-9.03	25.04	74.00	-48.96	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: AX20 2462MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

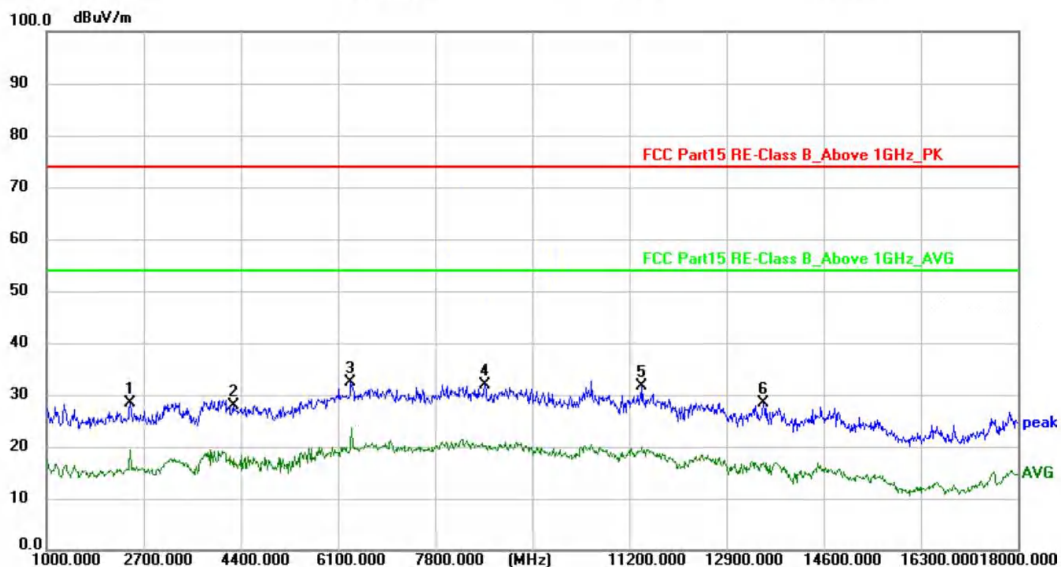
Radiated Emission Measurement

Project No.: 1-18

Data :#23

2024/7/16

10:45:21



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	2462.000	54.36	-25.90	28.46	74.00	-45.54	peak			P	
2	4264.000	51.68	-23.71	27.97	74.00	-46.03	peak			P	
3 *	6321.000	48.28	-15.99	32.29	74.00	-41.71	peak			P	
4	8667.000	44.42	-12.61	31.81	74.00	-42.19	peak			P	
5	11421.000	41.98	-10.40	31.58	74.00	-42.42	peak			P	
6	13546.000	36.98	-8.63	28.35	74.00	-45.65	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: AX20 2462MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

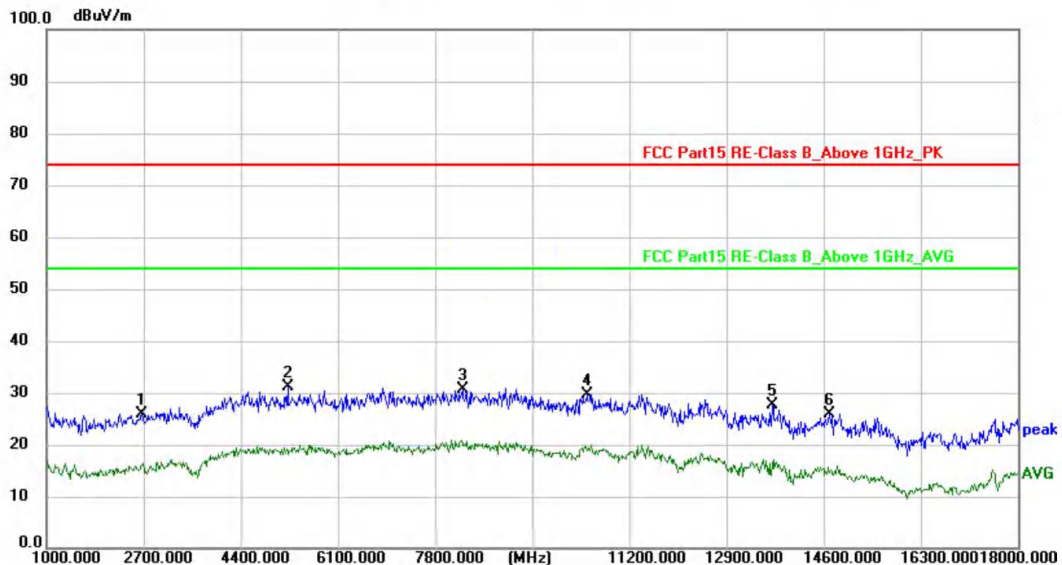
Radiated Emission Measurement

Project No.: 1-18

Data :#24

2024/7/16

10:51:42



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	2666.000	51.23	-25.28	25.95	74.00	-48.05	peak			P	
2 *	5216.000	49.26	-18.20	31.06	74.00	-42.94	peak			P	
3	8276.000	43.57	-12.98	30.59	74.00	-43.41	peak			P	
4	10452.000	40.81	-11.13	29.68	74.00	-44.32	peak			P	
5	13699.000	36.06	-8.50	27.56	74.00	-46.44	peak			P	
6	14702.000	34.19	-8.38	25.81	74.00	-48.19	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: N40 2422MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

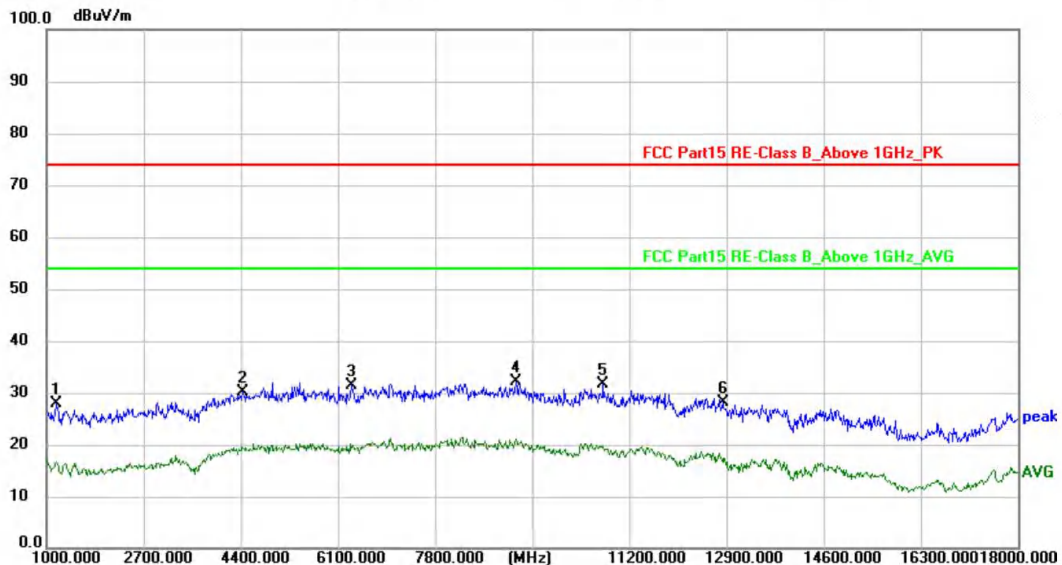
Radiated Emission Measurement

Project No.: 1-18

Data :#25

2024/7/16

10:58:32



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	1170.000	55.37	-27.56	27.81	74.00	-46.19	peak			P	
2	4434.000	50.61	-20.49	30.12	74.00	-43.88	peak			P	
3	6338.000	47.37	-15.94	31.43	74.00	-42.57	peak			P	
4 *	9211.000	44.20	-12.19	32.01	74.00	-41.99	peak			P	
5	10741.000	42.42	-10.77	31.65	74.00	-42.35	peak			P	
6	12832.000	37.43	-9.29	28.14	74.00	-45.86	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: N40 2422MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

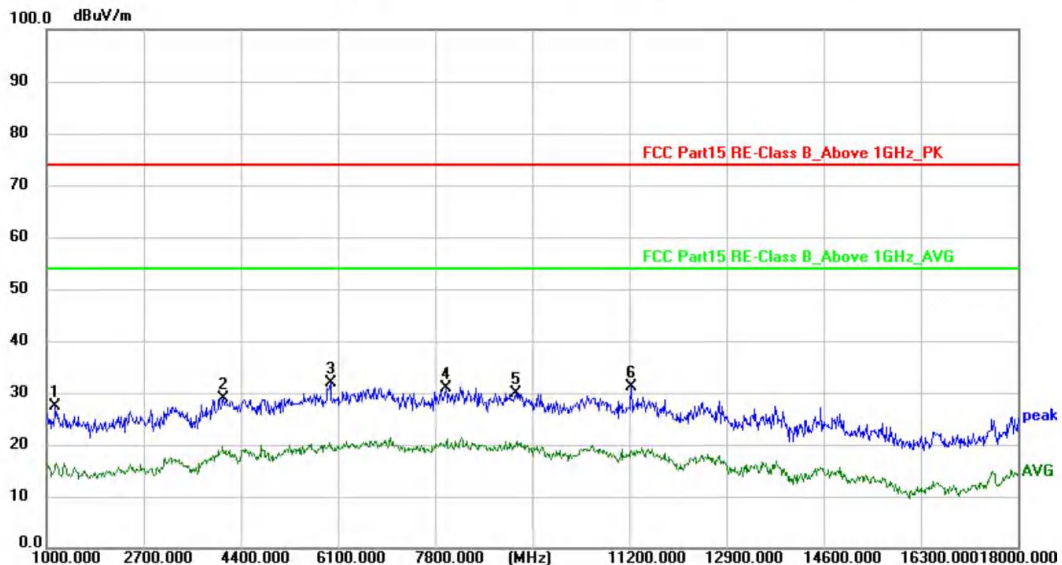
Radiated Emission Measurement

Project No.: 1-18

Data :#26

2024/7/16

11:04:53



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	1153.000	55.07	-27.58	27.49	74.00	-46.51	peak			P	
2	4094.000	51.48	-22.59	28.89	74.00	-45.11	peak			P	
3 *	5964.000	49.12	-17.31	31.81	74.00	-42.19	peak			P	
4	7987.000	44.12	-13.24	30.88	74.00	-43.12	peak			P	
5	9211.000	42.05	-12.19	29.86	74.00	-44.14	peak			P	
6	11234.000	41.52	-10.41	31.11	74.00	-42.89	peak			P	

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



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EUT: 3D Scanner
M/N: Einstar Vega
Test Mode: N40 2437MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

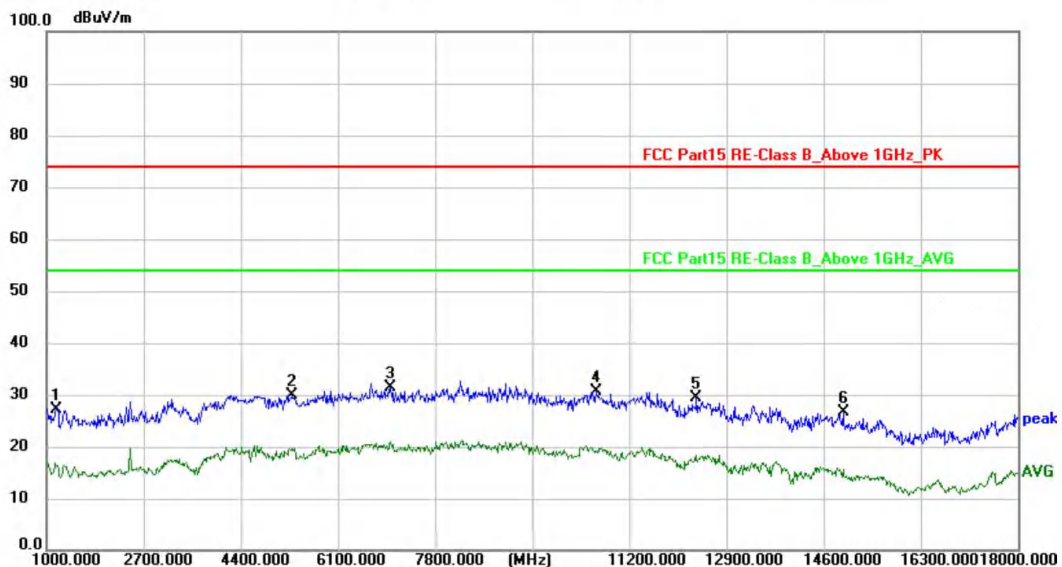
Radiated Emission Measurement

Project No.: 1-18

Data :#27

2024/7/16

11:09:32



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	1170.000	54.79	-27.56	27.23	74.00	-46.77	peak			P	
2	5301.000	54.83	-25.05	29.78	74.00	-44.22	peak			P	
3 *	7018.000	45.56	-14.08	31.48	74.00	-42.52	peak			P	
4	10622.000	41.53	-10.91	30.62	74.00	-43.38	peak			P	
5	12373.000	39.28	-9.90	29.38	74.00	-44.62	peak			P	
6	14940.000	35.12	-8.42	26.70	74.00	-47.30	peak			P	

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



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EUT: 3D Scanner
M/N: Einstar Vega
Test Mode: N40 2437MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

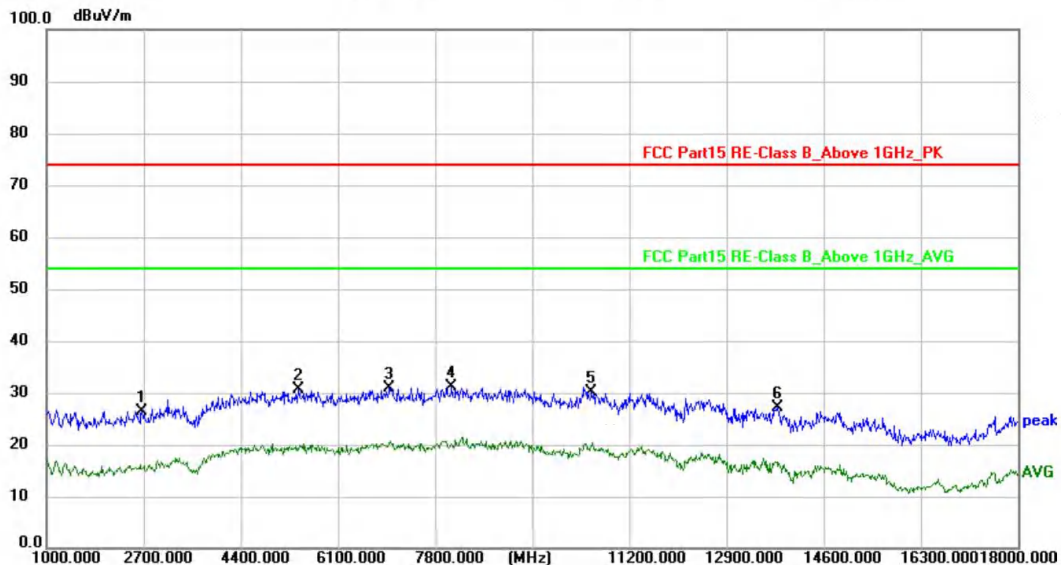
Radiated Emission Measurement

Project No.: 1-18

Data :#28

2024/7/16

11:13:08



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	2666.000	51.75	-25.28	26.47	74.00	-47.53	peak			P	
2	5403.000	48.64	-17.89	30.75	74.00	-43.25	peak			P	
3	7001.000	45.08	-14.09	30.99	74.00	-43.01	peak			P	
4 *	8089.000	44.31	-13.14	31.17	74.00	-42.83	peak			P	
5	10537.000	41.10	-11.03	30.07	74.00	-43.93	peak			P	
6	13784.000	35.46	-8.42	27.04	74.00	-46.96	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: N40 2452MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

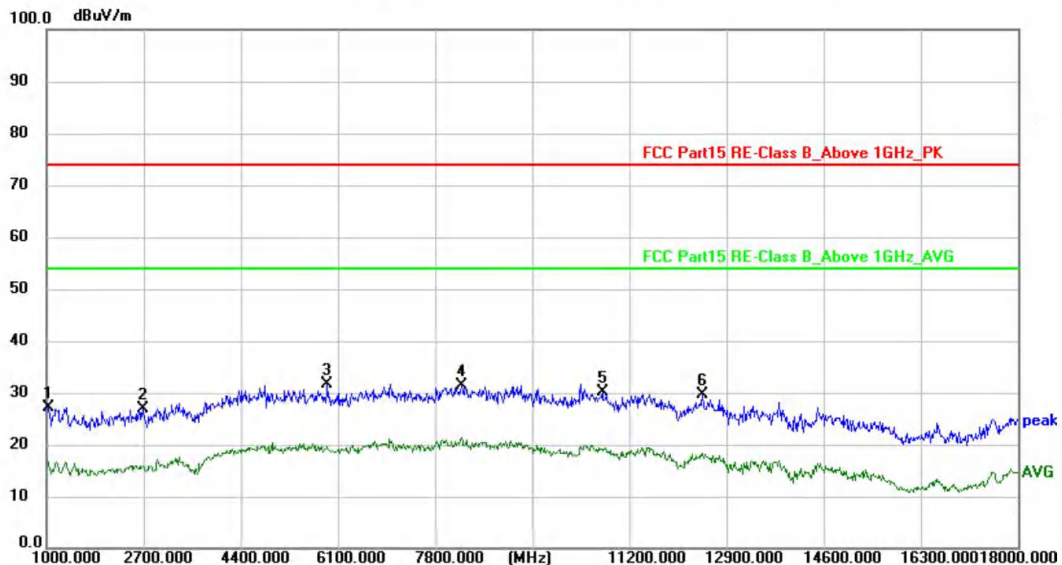
Radiated Emission Measurement

Project No.: 1-18

Data :#29

2024/7/16

11:18:39



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	1034.000	54.84	-27.61	27.23	74.00	-46.77	peak			P	
2	2683.000	51.99	-25.22	26.77	74.00	-47.23	peak			P	
3 *	5913.000	48.62	-17.04	31.58	74.00	-42.42	peak			P	
4	8259.000	44.44	-12.99	31.45	74.00	-42.55	peak			P	
5	10724.000	41.02	-10.78	30.24	74.00	-43.76	peak			P	
6	12475.000	39.39	-9.76	29.63	74.00	-44.37	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: N40 2452MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

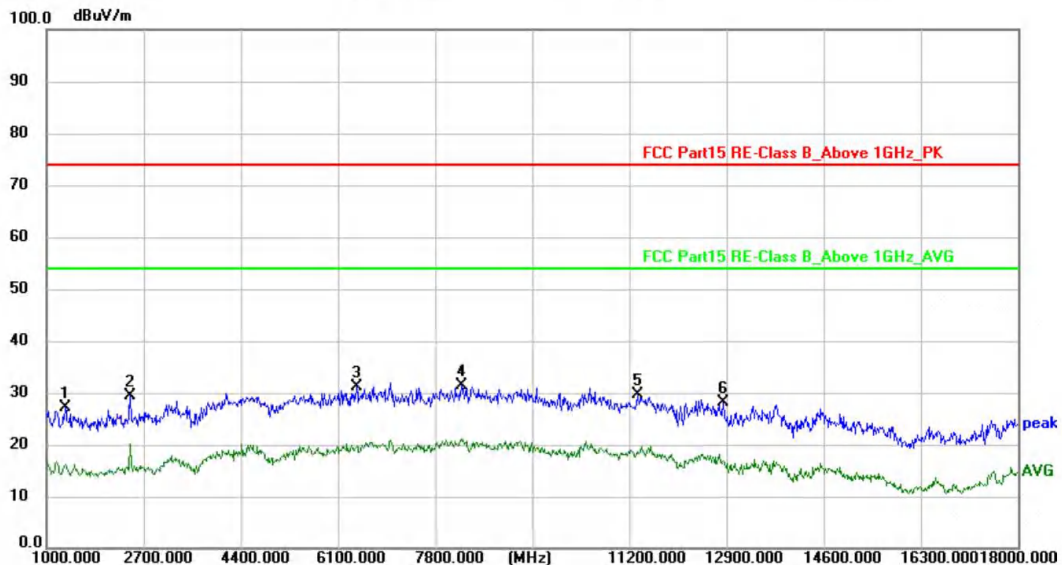
Radiated Emission Measurement

Project No.: 1-18

Data :#30

2024/7/16

11:22:08



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	1323.000	54.65	-27.52	27.13	74.00	-46.87	peak			P	
2	2462.000	55.23	-25.90	29.33	74.00	-44.67	peak			P	
3	6423.000	46.83	-15.70	31.13	74.00	-42.87	peak			P	
4 *	8259.000	44.26	-12.99	31.27	74.00	-42.73	peak			P	
5	11336.000	39.96	-10.41	29.55	74.00	-44.45	peak			P	
6	12832.000	37.36	-9.29	28.07	74.00	-45.93	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: AX40 2422MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

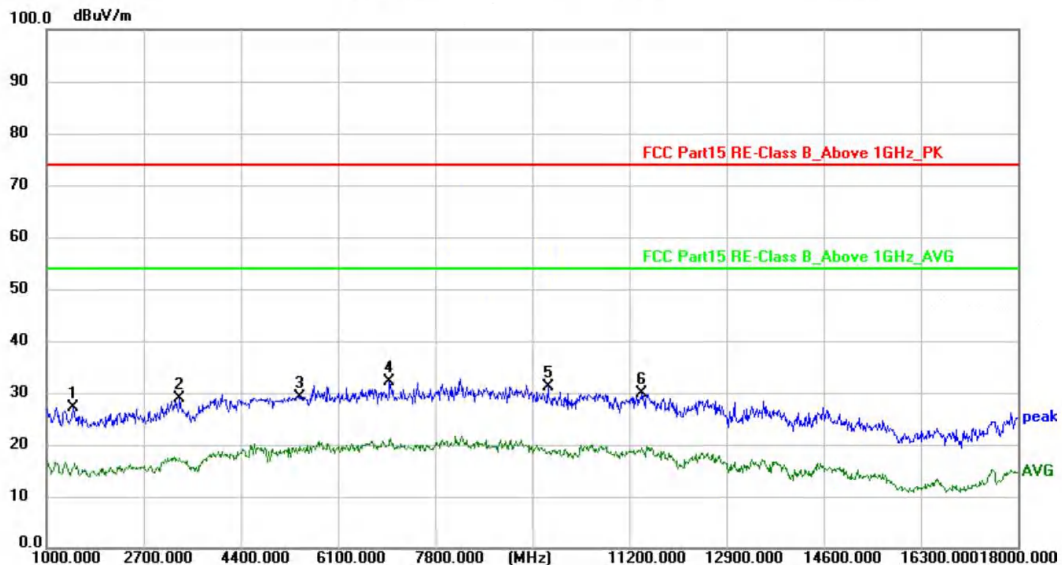
Radiated Emission Measurement

Project No.: 1-18

Data :#31

2024/7/16

11:27:37



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	1459.000	54.60	-27.47	27.13	74.00	-46.87	peak			P	
2	3329.000	52.45	-23.51	28.94	74.00	-45.06	peak			P	
3	5437.000	52.55	-23.46	29.09	74.00	-44.91	peak			P	
4 *	7001.000	46.34	-14.09	32.25	74.00	-41.75	peak			P	
5	9772.000	43.03	-11.87	31.16	74.00	-42.84	peak			P	
6	11421.000	40.26	-10.40	29.86	74.00	-44.14	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: AX40 2422MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

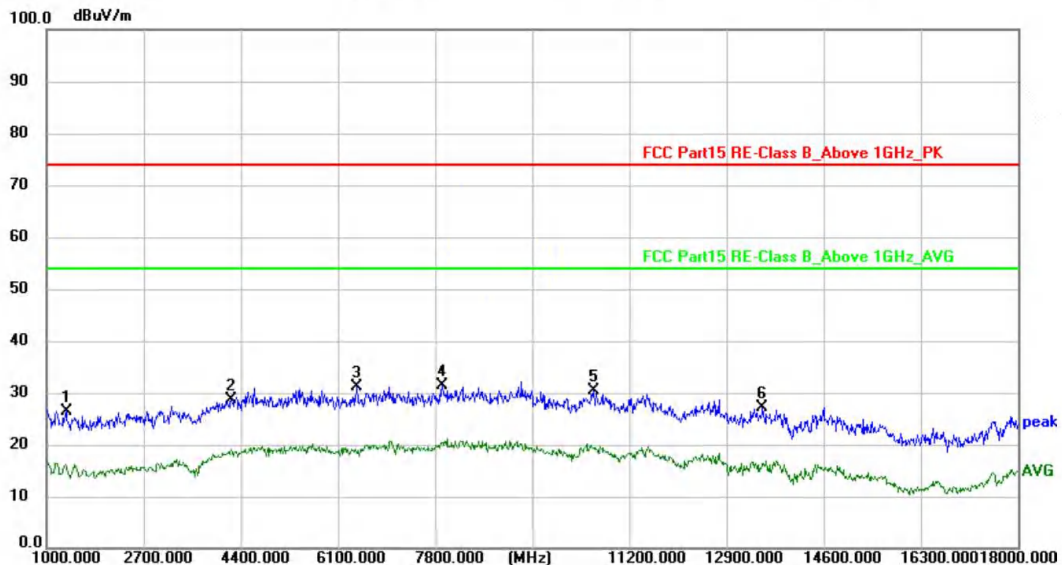
Radiated Emission Measurement

Project No.: 1-18

Data :#32

2024/7/16

11:32:01



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	1340.000	53.83	-27.52	26.31	74.00	-47.69	peak			P	
2	4230.000	49.77	-21.19	28.58	74.00	-45.42	peak			P	
3	6423.000	46.77	-15.70	31.07	74.00	-42.93	peak			P	
4 *	7919.000	44.79	-13.29	31.50	74.00	-42.50	peak			P	
5	10571.000	41.27	-10.99	30.28	74.00	-43.72	peak			P	
6	13529.000	35.74	-8.64	27.10	74.00	-46.90	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: AX40 2437MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

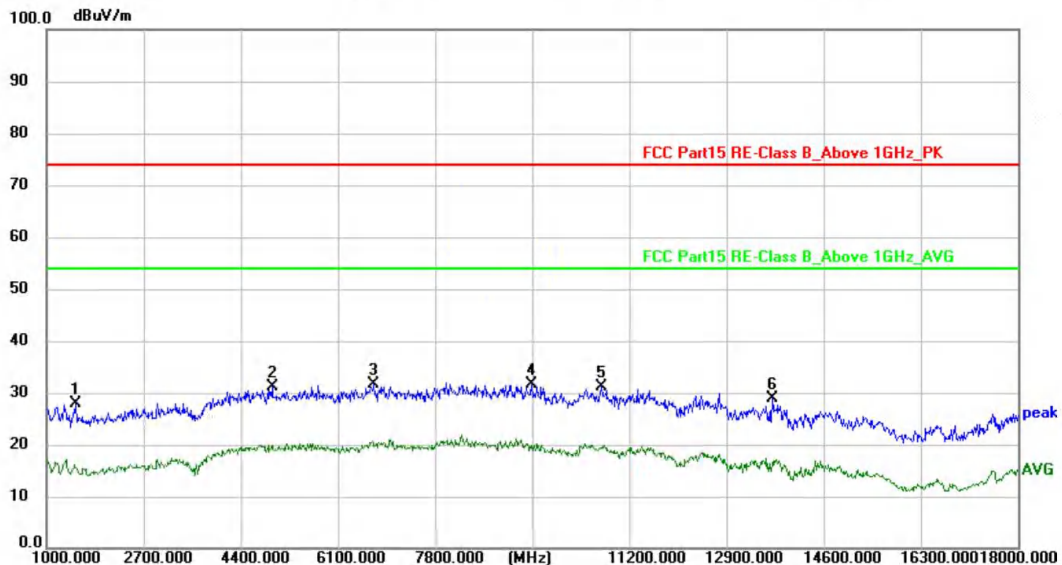
Radiated Emission Measurement

Project No.: 1-18

Data :#33

2024/7/16

11:38:00



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	1510.000	55.41	-27.45	27.96	74.00	-46.04	peak			P	
2	4944.000	49.92	-18.75	31.17	74.00	-42.83	peak			P	
3	6729.000	46.39	-14.85	31.54	74.00	-42.46	peak			P	
4 *	9483.000	43.71	-12.03	31.68	74.00	-42.32	peak			P	
5	10707.000	41.88	-10.82	31.06	74.00	-42.94	peak			P	
6	13699.000	37.29	-8.50	28.79	74.00	-45.21	peak			P	

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



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EUT: 3D Scanner
M/N: Einstar Vega
Test Mode: AX40 2437MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

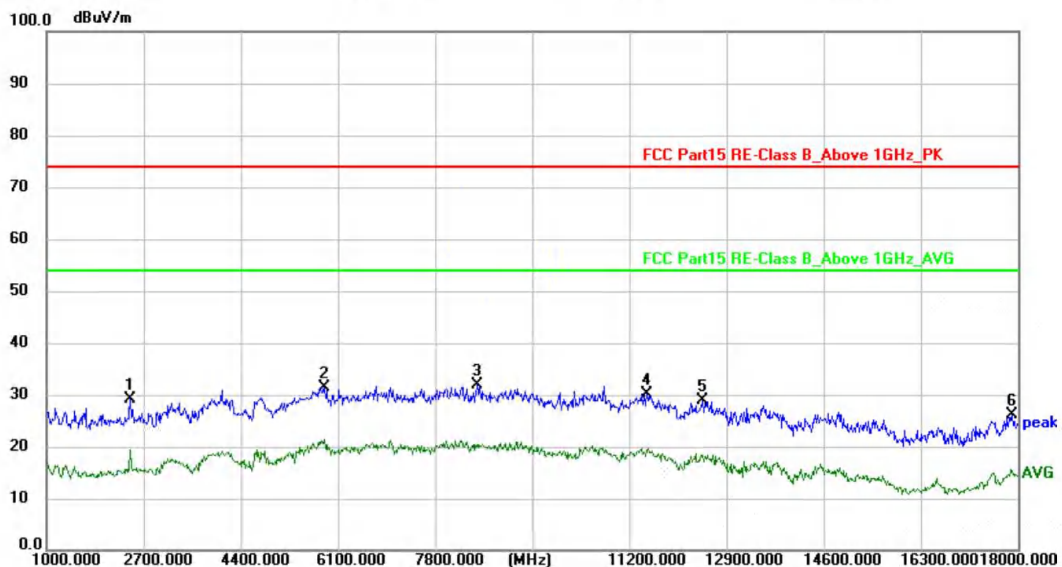
Radiated Emission Measurement

Project No.: 1-18

Data :#34

2024/7/16

11:43:06



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	2462.000	54.94	-25.90	29.04	74.00	-44.96	peak			P	
2	5862.000	49.99	-18.50	31.49	74.00	-42.51	peak			P	
3 *	8531.000	44.59	-12.74	31.85	74.00	-42.15	peak			P	
4	11506.000	40.45	-10.40	30.05	74.00	-43.95	peak			P	
5	12475.000	38.61	-9.76	28.85	74.00	-45.15	peak			P	
6	17898.000	32.34	-6.14	26.20	74.00	-47.80	peak			P	

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



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EUT: 3D Scanner
M/N: Einstar Vega
Test Mode: AX40 2452MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

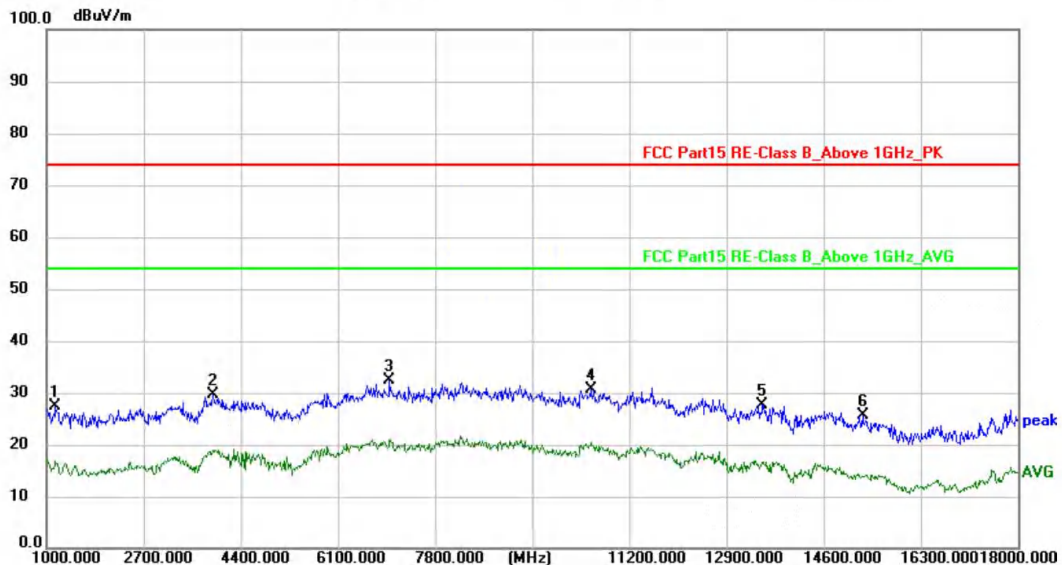
Radiated Emission Measurement

Project No.: 1-18

Data :#35

2024/7/16

11:53:41



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	1153.000	55.01	-27.58	27.43	74.00	-46.57	peak			P	
2	3907.000	51.77	-22.19	29.58	74.00	-44.42	peak			P	
3 *	7001.000	46.51	-14.09	32.42	74.00	-41.58	peak			P	
4	10520.000	41.58	-11.05	30.53	74.00	-43.47	peak			P	
5	13529.000	36.37	-8.64	27.73	74.00	-46.27	peak			P	
6	15280.000	34.30	-8.69	25.61	74.00	-48.39	peak			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: 3D Scanner
M/N: Einstar Vega
Test Mode: AX40 2452MHz MIMO
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

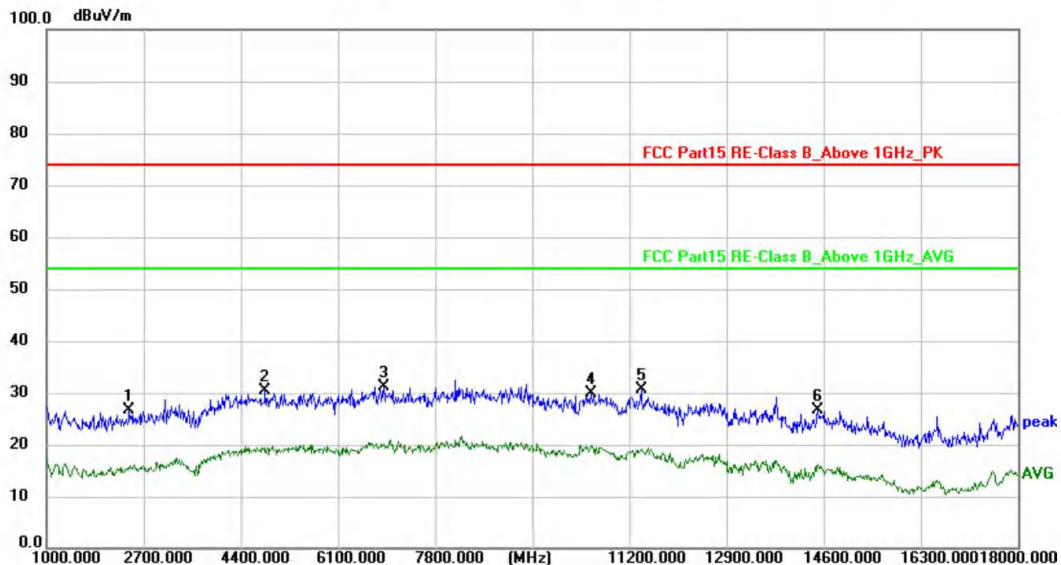
Radiated Emission Measurement

Project No.: 1-18

Data :#36

2024/7/16

11:58:14



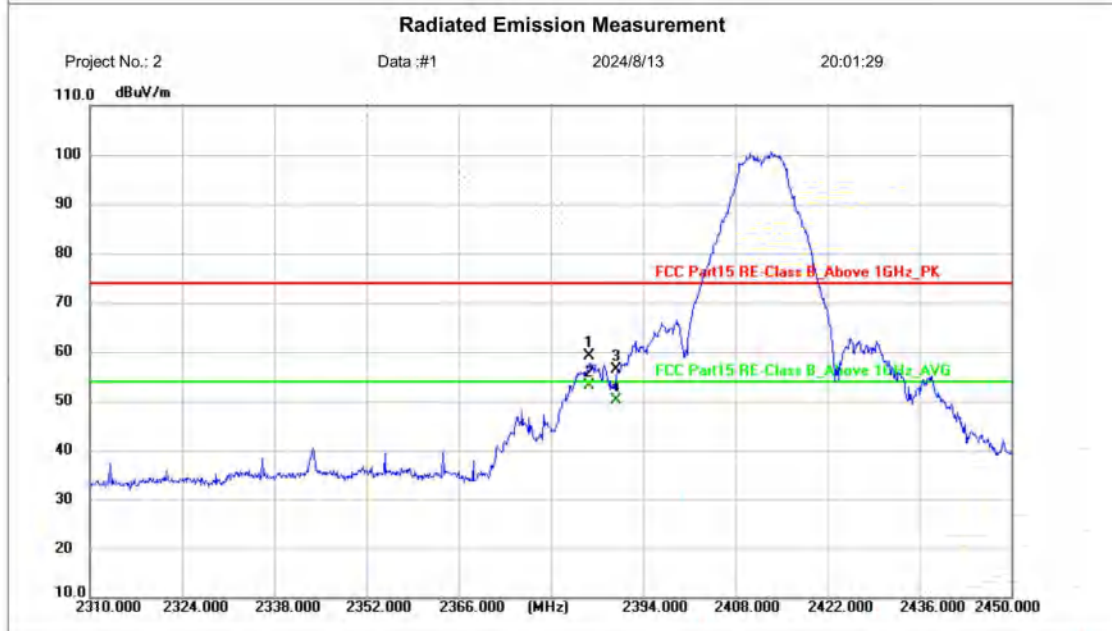
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2445.000	52.63	-25.94	26.69	74.00	-47.31	peak			P	
2	4825.000	49.53	-19.16	30.37	74.00	-43.63	peak			P	
3 *	6899.000	45.43	-14.37	31.06	74.00	-42.94	peak			P	
4	10520.000	40.99	-11.05	29.94	74.00	-44.06	peak			P	
5	11404.000	40.92	-10.41	30.51	74.00	-43.49	peak			P	
6	14498.000	34.98	-8.34	26.64	74.00	-47.36	peak			P	

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



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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: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: B 2412MHz		
Test Voltage: DC 3.7V		
Note:		



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	2386.003	79.50	-20.46	59.04	74.00	-14.96	peak			P	
2 *	2386.003	73.61	-20.46	53.15	54.00	-0.85	AVG			P	
3	2390.000	76.78	-20.45	56.33	74.00	-17.67	peak			P	
4	2390.000	70.69	-20.45	50.24	54.00	-3.76	AVG			P	

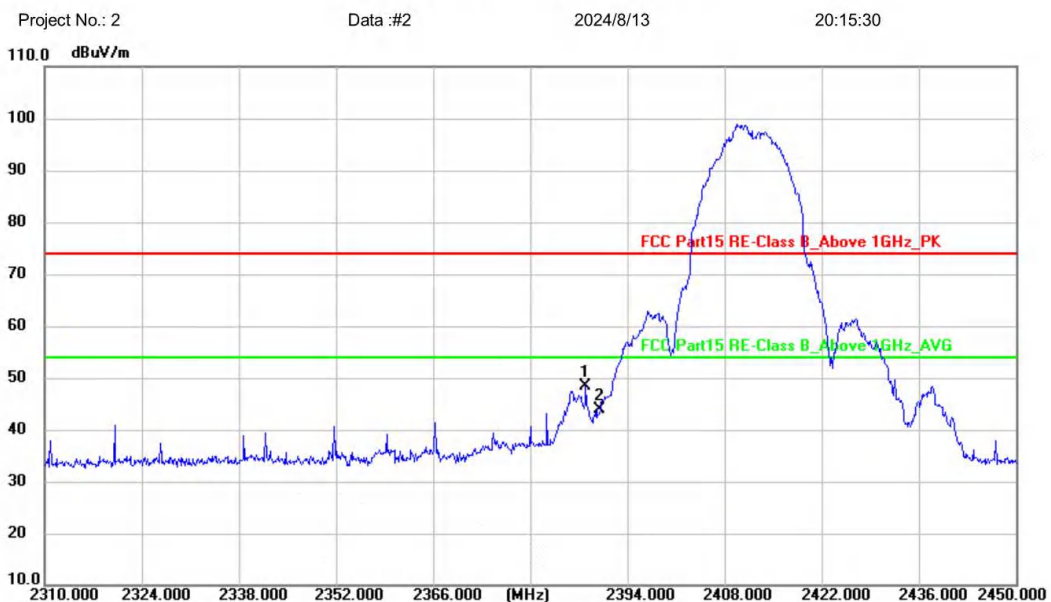
Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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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: Horizontal	Temperature: 26 °C
EUT: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: B 2412MHz		
Test Voltage: DC 3.7V		
Note: 2.4Gwifi 11b -L		

Radiated Emission Measurement



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 *	2388.050	68.77	-20.45	48.32	74.00	-25.68	peak			P	
2	2390.000	64.38	-20.45	43.93	74.00	-30.07	peak			P	

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

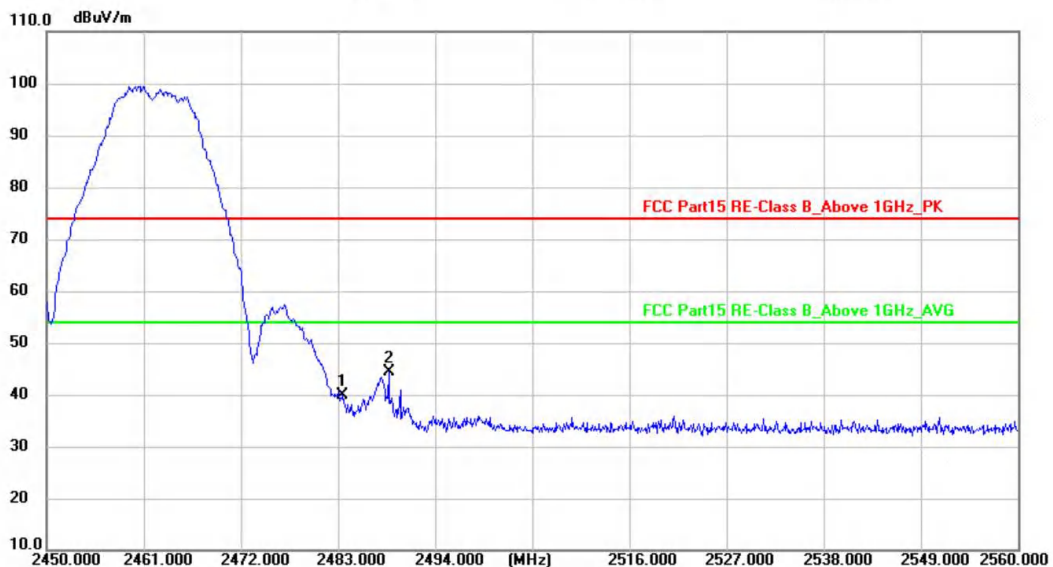


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: B 2462MHz		
Test Voltage: DC 3.7V		
Note: 2.4Gwifi 11b -H		

Radiated Emission Measurement

Project No.: 2 Data :#3 2024/8/13 20:22:13



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	2483.500	60.12	-20.15	39.97	74.00	-34.03	peak			P	
2 *	2488.720	64.57	-20.13	44.44	74.00	-29.56	peak			P	

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



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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: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: B 2462MHz		
Test Voltage: DC 3.7V		
Note: 2.4Gwifi 11b -H		

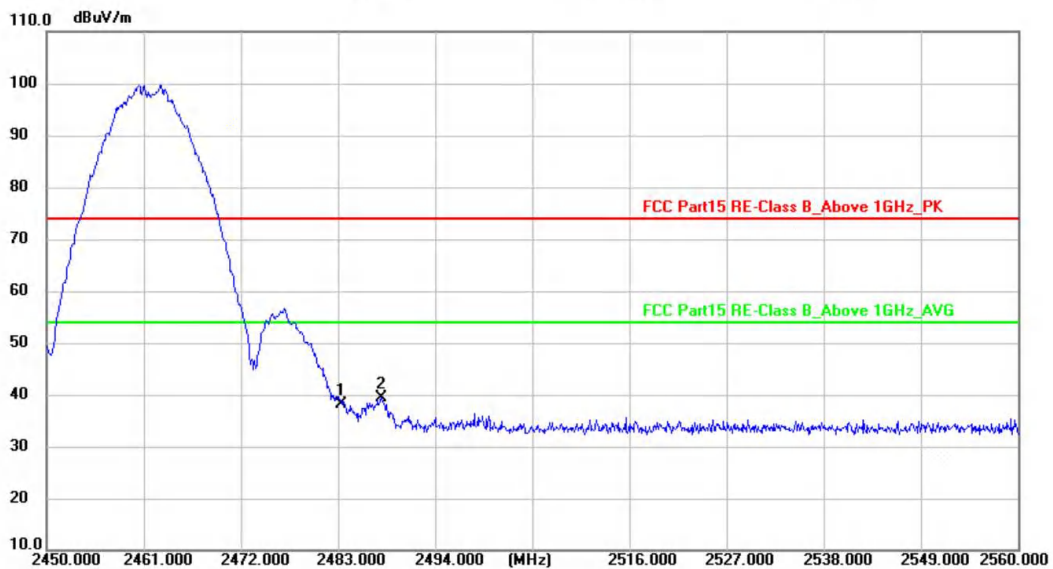
Radiated Emission Measurement

Project No.: 2

Data :#4

2024/8/13

20:34:50



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	2483.500	58.20	-20.15	38.05	74.00	-35.95	peak			P	
2 *	2487.895	59.57	-20.14	39.43	74.00	-34.57	peak			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	Polarization: Horizontal	Temperature: 26 °C
EUT: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: AX40 2422MHz		
Test Voltage: DC 3.7V		
Note: 2.4Gwifi 11b -L		

Radiated Emission Measurement

Project No.: 2

Data :#5

2024/8/13

20:45:54



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	2390.000	79.57	-20.45	59.12	74.00	-14.88	peak			P	
2 *	2390.000	72.63	-20.45	52.18	54.00	-1.82	AVG			P	

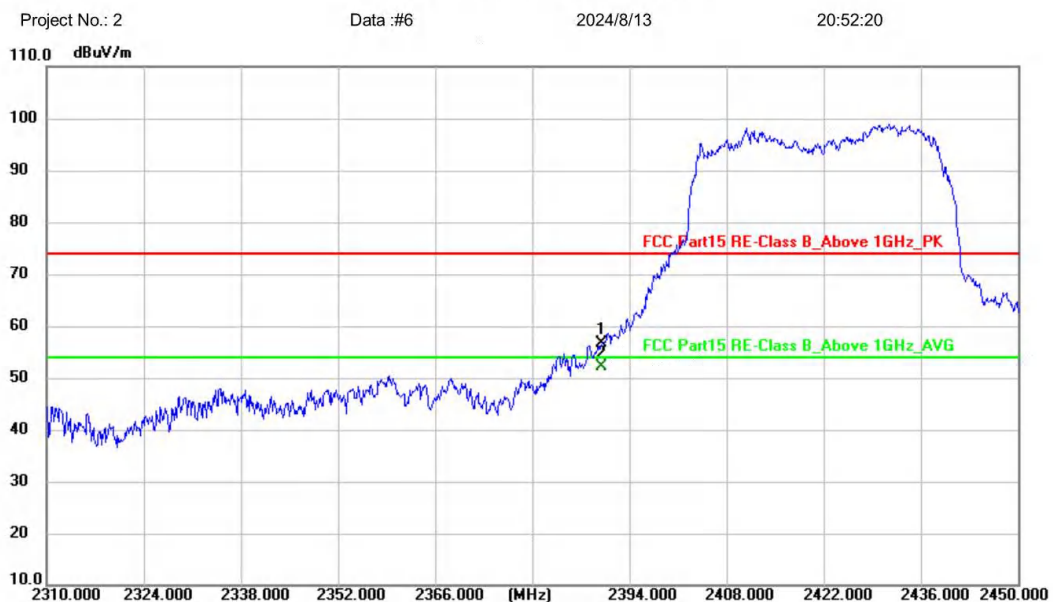
Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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

Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: AX40 2422MHz		
Test Voltage: DC 3.7V		
Note: 2.4Gwifi 11b -L		

Radiated Emission Measurement



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	2390.000	77.05	-20.45	56.60	74.00	-17.40	peak			P	
2 *	2390.000	72.61	-20.45	52.16	54.00	-1.84	AVG			P	

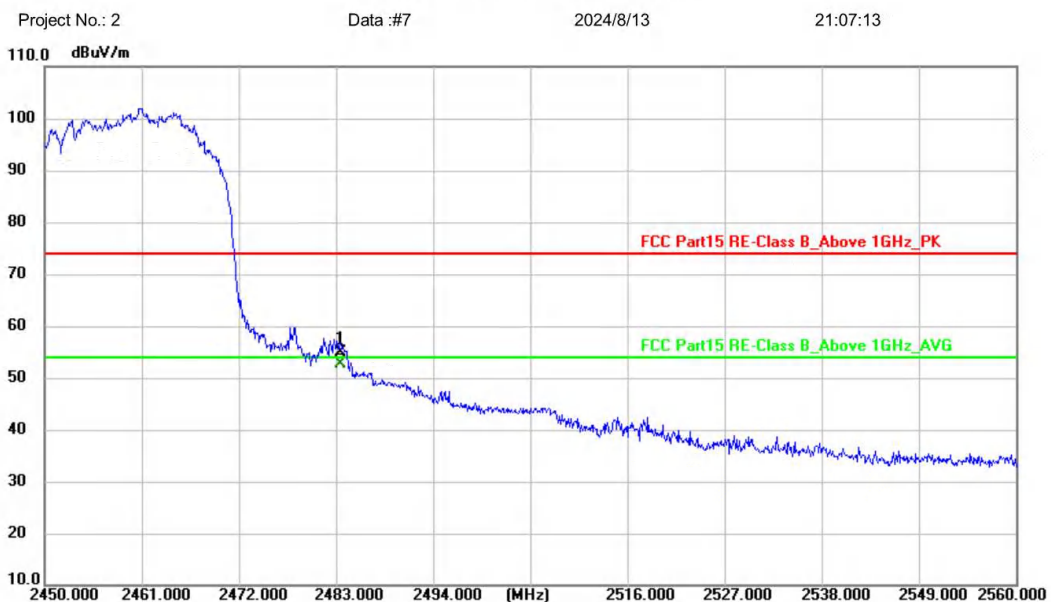
Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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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: Horizontal	Temperature: 26 °C
EUT: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: AX40 2452MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement



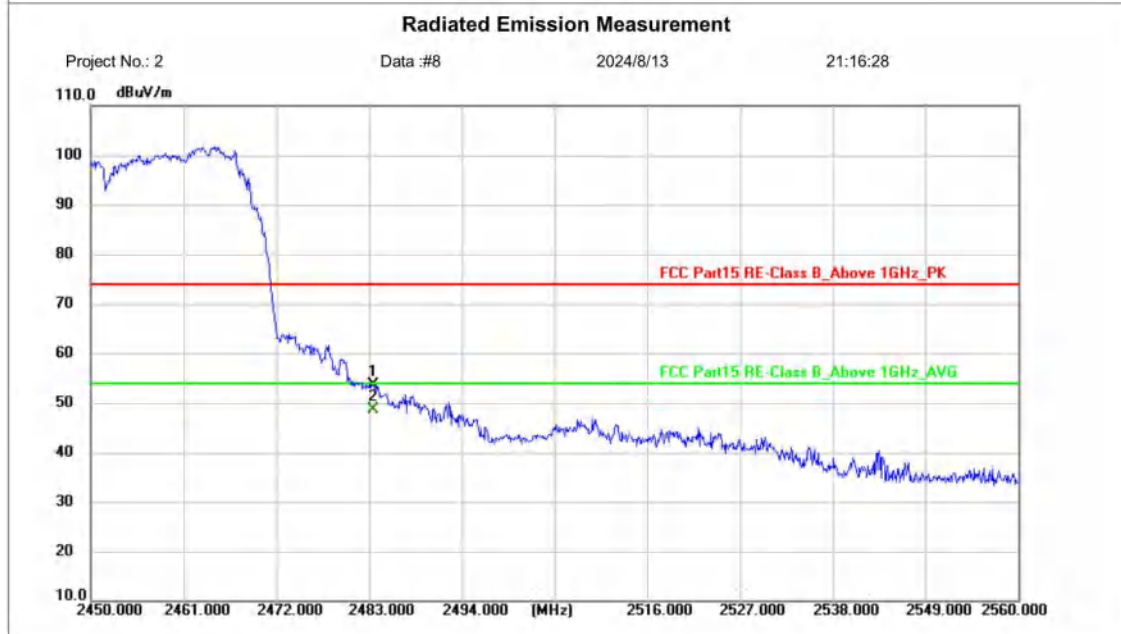
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.500	74.97	-20.15	54.82	74.00	-19.18	peak			P	
2 *	2483.500	72.84	-20.15	52.69	54.00	-1.31	AVG			P	

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	Polarization: Vertical	Temperature: 26 °C
EUT: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: Einstar Vega	Test Engineer: Felix Pang	
Test Mode: AX40 2452MHz		
Test Voltage: DC 3.7V		
Note:		



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	2483.500	73.83	-20.15	53.68	74.00	-20.32	peak			P	
2 *	2483.500	68.84	-20.15	48.69	54.00	-5.31	AVG			P	

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

Appendix B.2: Test Results of Conducted emissions of AC mains

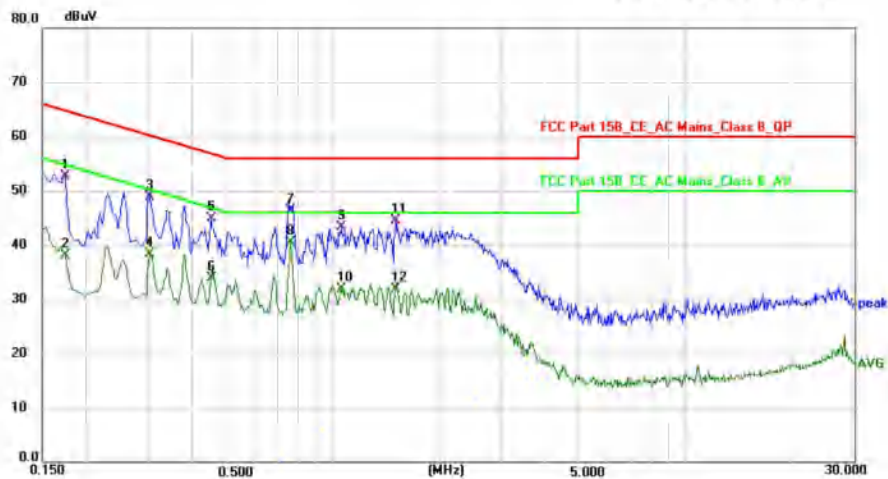


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1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-Shielded Room Phase: **L1** Temperature: 26 °C
EUT: 3D Scanner Humidity: 54 %RH
M/N: Einstar Vega Test Engineer: Felix Pang
Test Mode: Fast Mode+2.4G Wi-Fi +BT Link+Charging
Test Voltage: AC 120V/60Hz
Note:

Conducted Emission Measurement

Test Date: 2024/7/11 14:35:45



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1740	42.85	9.94	52.79	64.77	-11.98	QP	P	
2	0.1740	28.15	9.94	38.09	54.77	-16.68	AVG	P	
3	0.3020	38.95	9.98	48.93	60.19	-11.26	QP	P	
4	0.3020	28.25	9.98	38.23	50.19	-11.96	AVG	P	
5	0.4500	35.23	9.76	44.99	56.88	-11.89	QP	P	
6	0.4500	24.05	9.76	33.81	46.88	-13.07	AVG	P	
7	0.7620	36.95	9.43	46.38	56.00	-9.62	QP	P	
8 *	0.7620	31.09	9.43	40.52	46.00	-5.48	AVG	P	
9	1.0580	33.85	9.41	43.26	56.00	-12.74	QP	P	
10	1.0580	22.44	9.41	31.85	46.00	-14.15	AVG	P	
11	1.5100	35.18	9.40	44.58	56.00	-11.42	QP	P	
12	1.5100	22.59	9.40	31.99	46.00	-14.01	AVG	P	

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

File: CE\Data :#9

Page: 1

Engineer Signature:

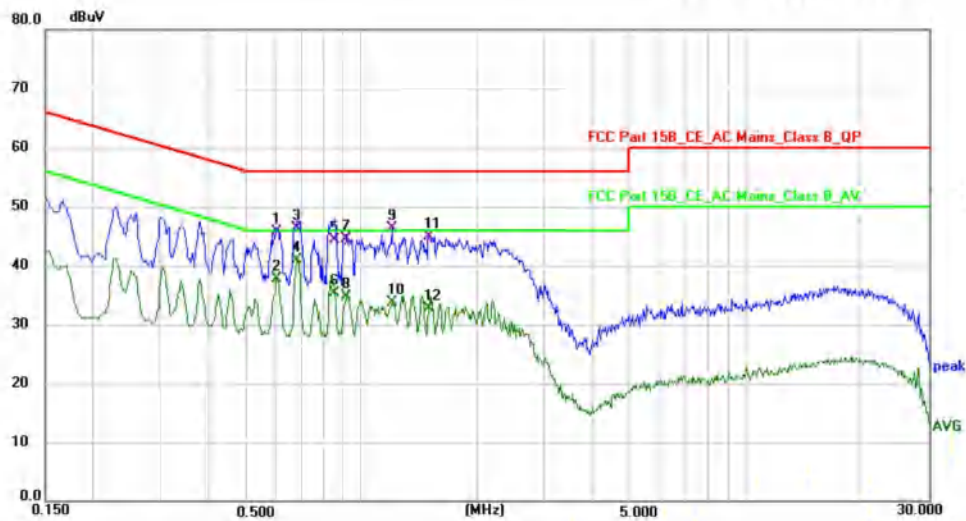


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-Shielded Room Phase: **N** Temperature: 26 °C
EUT: 3D Scanner Humidity: 54 %RH
M/N: Einstar Vega Test Engineer: Felix Pang
Test Mode: Fast Mode+2.4G Wi-Fi +BT Link+Charging
Test Voltage: AC 120V/60Hz
Note:

Conducted Emission Measurement

Test Date: 2024/7/11 14:42:51



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.6020	35.85	9.78	45.63	56.00	-10.37	QP	P	
2	0.6020	27.96	9.78	37.74	46.00	-8.26	AVG	P	
3	0.6820	36.55	9.78	46.33	56.00	-9.67	QP	P	
4 *	0.6820	31.20	9.78	40.98	46.00	-5.02	AVG	P	
5	0.8500	34.72	9.64	44.36	56.00	-11.64	QP	P	
6	0.8500	25.63	9.64	35.27	46.00	-10.73	AVG	P	
7	0.9180	34.94	9.58	44.52	56.00	-11.48	QP	P	
8	0.9180	25.17	9.58	34.75	46.00	-11.25	AVG	P	
9	1.1980	36.78	9.46	46.24	56.00	-9.76	QP	P	
10	1.1980	24.24	9.46	33.70	46.00	-12.30	AVG	P	
11	1.5020	35.44	9.38	44.82	56.00	-11.18	QP	P	
12	1.5020	23.38	9.38	32.76	46.00	-13.24	AVG	P	

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