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Power_Spectral_Density_NVNT_ANT2_802_11ax(HE20)_5745



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5825

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Power Spectral Density NVNT ANT2 802 11ax(HE20) 5825



Power Spectral Density NVNT ANT1 802 11n(HT40) 5755

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Power Spectral Density NVNT_ANT2_802_11n(HT40)_5755



Power Spectral Density NVNT_ANT1_802_11n(HT40)_5795

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Power Spectral Density NVNT_ANT2_802_11n(HT40)_5795



Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5755

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Power Spectral Density NVNT_ANT2_802_11ac(VHT40)_5755



Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5795

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Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT40)_5795



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_5755

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Power_Spectral_Density_NVNT_ANT2_802_11ax(HE40)_5755



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_5795

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Power_Spectral_Density_NVNT_ANT2_802_11ax(HE40)_5795



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775

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Power Spectral Density NVNT_ANT2_802_11ac(VHT80)_5775



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Power_Spectral_Density_NVNT_ANT1_802_11ax(HE80)_5775



Power_Spectral_Density_NVNT_ANT2_802_11ax(HE80)_5775



4. Transmitter Spurious Emissions

Note:

1. Testing is carried out with frequency rang 9kHz to the tenth harmonics. And it verified that the emssions above 18GHz are just floor-nises, no need to report it.
2. The highest emissions are the fundamental waves, the emissions more than 20dB below the limits not recorded.
3. All modes for required channel tested, only the worst-case reported.

4.1 Transmitter Spurious Emissions, Below 1GHz

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U-NII-1 Band:



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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5180MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 11:36:36



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	107.1337	20.30	11.30	31.60	43.50	-11.90	QP	200	157	P	
2	120.6991	23.33	12.60	35.93	43.50	-7.57	QP	200	241	P	
3 *	143.3260	24.21	13.98	38.19	43.50	-5.31	QP	200	135	P	
4	233.3486	24.07	12.73	36.80	46.00	-9.20	QP	200	46	P	
5	366.8231	22.36	16.79	39.15	46.00	-6.85	QP	200	205	P	
6	649.6596	16.63	23.70	40.33	46.00	-5.67	QP	200	91	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5180MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 11:39:05



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	64.6594	22.56	12.64	35.20	40.00	-4.80	QP	100	159	P	
2 *	120.2766	26.77	12.57	39.34	43.50	-4.16	QP	100	257	P	
3	157.5588	25.05	14.29	39.34	43.50	-4.16	QP	100	48	P	
4	244.2321	20.90	13.24	34.14	46.00	-11.86	QP	100	320	P	
5	366.8231	24.15	16.79	40.94	46.00	-5.06	QP	100	157	P	
6	649.6596	16.82	23.70	40.52	46.00	-5.48	QP	100	98	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5200MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 11:43:57



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 *	65.3431	23.43	12.56	35.99	40.00	-4.01	QP	100	45	P	
2	119.8556	25.93	12.54	38.47	43.50	-5.03	QP	100	105	P	
3	156.4577	23.94	14.27	38.21	43.50	-5.29	QP	100	201	P	
4	242.5252	20.71	13.21	33.92	46.00	-12.08	QP	100	32	P	
5	365.5390	24.13	16.75	40.88	46.00	-5.12	QP	100	4	P	
6	649.6596	16.56	23.70	40.26	46.00	-5.74	QP	100	78	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5200MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 11:48:22



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	121.1231	18.77	12.62	31.39	43.50	-12.11	QP	200	87	P	
2	143.3260	24.58	13.98	38.56	43.50	-4.94	QP	200	204	P	
3	160.3456	22.51	14.32	36.83	43.50	-6.67	QP	200	167	P	
4	197.2001	25.55	11.32	36.87	43.50	-6.63	QP	200	248	P	
5	234.9910	24.67	12.84	37.51	46.00	-8.49	QP	200	135	P	
6 *	649.6596	17.85	23.70	41.55	46.00	-4.45	QP	200	46	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5240MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 11:52:15



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	85.5976	16.85	9.61	26.46	40.00	-13.54	QP	200	146	P	
2	106.7587	20.87	11.26	32.13	43.50	-11.37	QP	200	248	P	
3	120.2766	25.18	12.57	37.75	43.50	-5.75	QP	200	230	P	
4 *	158.1123	24.24	14.31	38.55	43.50	-4.95	QP	200	78	P	
5	244.2321	27.02	13.24	40.26	46.00	-5.74	QP	200	92	P	
6	675.2080	16.32	24.11	40.43	46.00	-5.57	QP	200	46	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5240MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 11:57:21



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	64.6594	22.77	12.64	35.41	40.00	-4.59	QP	100	124	P	
2	121.1231	26.00	12.62	38.62	43.50	-4.88	QP	100	45	P	
3	155.9101	23.86	14.26	38.12	43.50	-5.38	QP	100	78	P	
4	186.4408	24.13	12.00	36.13	43.50	-7.37	QP	100	320	P	
5	327.8872	17.92	15.69	33.61	46.00	-12.39	QP	100	56	P	
6 *	649.6596	17.77	23.70	41.47	46.00	-4.53	QP	100	98	P	

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

File: TX 30-1000M>Data :#6

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Engineer Signature:

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U-NII-3 Band:



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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5745MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 18:56:28



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	41.5670	20.66	14.50	35.16	40.00	-4.84	QP	100	132	P	
2	66.0342	22.15	12.50	34.65	40.00	-5.35	QP	100	105	P	
3 *	120.2766	26.45	12.57	39.02	43.50	-4.48	QP	100	78	P	
4	157.5588	24.57	14.29	38.86	43.50	-4.64	QP	100	138	P	
5	357.9287	24.30	16.54	40.84	46.00	-5.16	QP	100	207	P	
6	649.6596	16.86	23.70	40.56	46.00	-5.44	QP	100	198	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5745MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 18:56:56



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	121.1231	24.49	12.62	37.11	43.50	-6.39	QP	200	132	P	
2 *	144.3347	24.52	14.00	38.52	43.50	-4.98	QP	200	157	P	
3	159.7844	24.17	14.35	38.52	43.50	-4.98	QP	200	204	P	
4	222.9502	23.91	12.09	36.00	46.00	-10.00	QP	200	138	P	
5	365.5390	20.68	16.75	37.43	46.00	-8.57	QP	200	89	P	
6	649.6596	17.04	23.70	40.74	46.00	-5.26	QP	200	207	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5785MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 18:57:23



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	119.8555	25.45	12.54	37.99	43.50	-5.51	QP	200	135	P	
2 *	143.8294	24.57	13.99	38.56	43.50	-4.94	QP	200	167	P	
3	158.6676	24.13	14.32	38.45	43.50	-5.05	QP	200	204	P	
4	235.8163	24.61	12.89	37.50	46.00	-8.50	QP	200	130	P	
5	365.5390	19.43	16.75	36.18	46.00	-9.82	QP	200	16	P	
6	649.6594	16.86	23.70	40.56	46.00	-5.44	QP	200	78	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5785MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 18:57:51



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	43.6584	19.50	14.42	33.92	40.00	-6.08	QP	100	184	P	
2	64.4330	21.29	12.66	33.95	40.00	-6.05	QP	100	254	P	
3 *	119.8556	26.11	12.54	38.65	43.50	-4.85	QP	100	320	P	
4	158.1123	23.24	14.31	37.55	43.50	-5.95	QP	100	45	P	
5	245.9510	21.23	13.28	34.51	46.00	-11.49	QP	100	72	P	
6	365.5390	24.07	16.75	40.82	46.00	-5.18	QP	100	101	P	

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

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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: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11a 5825MHz(Ant 1)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 18:58:39



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	41.1320	20.64	14.52	35.16	40.00	-4.84	QP	100	145	P	
2	64.4330	21.73	12.66	34.39	40.00	-5.61	QP	100	204	P	
3	121.1231	25.27	12.62	37.89	43.50	-5.61	QP	100	168	P	
4	158.1123	23.84	14.31	38.15	43.50	-5.35	QP	100	198	P	
5 *	362.9844	25.13	16.68	41.81	46.00	-4.19	QP	100	43	P	
6	649.6596	17.33	23.70	41.03	46.00	-4.97	QP	100	45	P	

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

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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: See note

Distance: 3m

Humidity: 54 %RH

M/N: See note

Test Engineer: Felix Pang

Test Mode: 11a 5825MHz(Ant 1)

Test Voltage: DC 24V

Note: Optical 3D Measuring and Dynamic Tracking System

FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/13 18:59:07



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	120.2766	24.85	12.57	37.42	43.50	-6.08	QP	200	124	P	
2 *	144.3347	24.89	14.00	38.89	43.50	-4.61	QP	200	45	P	
3	165.4866	21.36	13.81	35.17	43.50	-8.33	QP	200	21	P	
4	235.8163	23.91	12.89	36.80	46.00	-9.20	QP	200	47	P	
5	365.5390	20.93	16.75	37.68	46.00	-8.32	QP	200	80	P	
6	649.6596	17.35	23.70	41.05	46.00	-4.95	QP	200	109	P	

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

File: TX 30-1000M\Data :#6

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Engineer Signature:

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4.2 Transmitter Spurious Emissions, above 1GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

U-NII-1 Band:



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: See note

Distance: 3m

Humidity: 54 %RH

M/N: See note

Test Engineer: Felix Pang

Test Mode: 11ax20 5200MHz(MIMO)

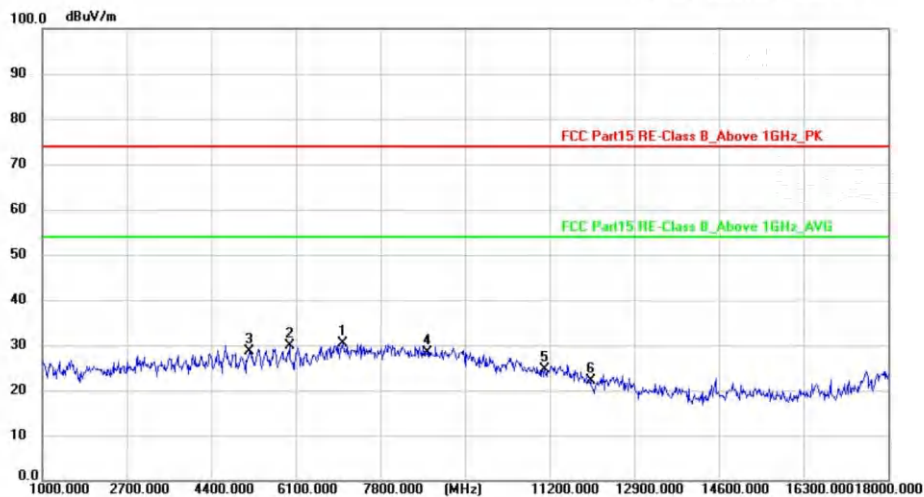
Test Voltage: DC 24V

Note: Optical 3D Measuring and Dynamic Tracking System

FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/15 08:32:36



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 *	7035.000	44.38	-14.06	30.32	74.00	-43.68	peak	150	126	P	
2	5964.000	46.83	-16.95	29.88	74.00	-44.12	peak	150	217	P	
3	5179.875	46.87	-18.26	28.61	74.00	-45.39	peak	150	157	P	
4	8747.750	40.99	-12.53	28.46	74.00	-45.54	peak	150	108	P	
5	11104.375	35.02	-10.42	24.60	74.00	-49.40	peak	150	189	P	
6	12016.000	32.55	-10.37	22.18	74.00	-51.82	peak	150	127	P	

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

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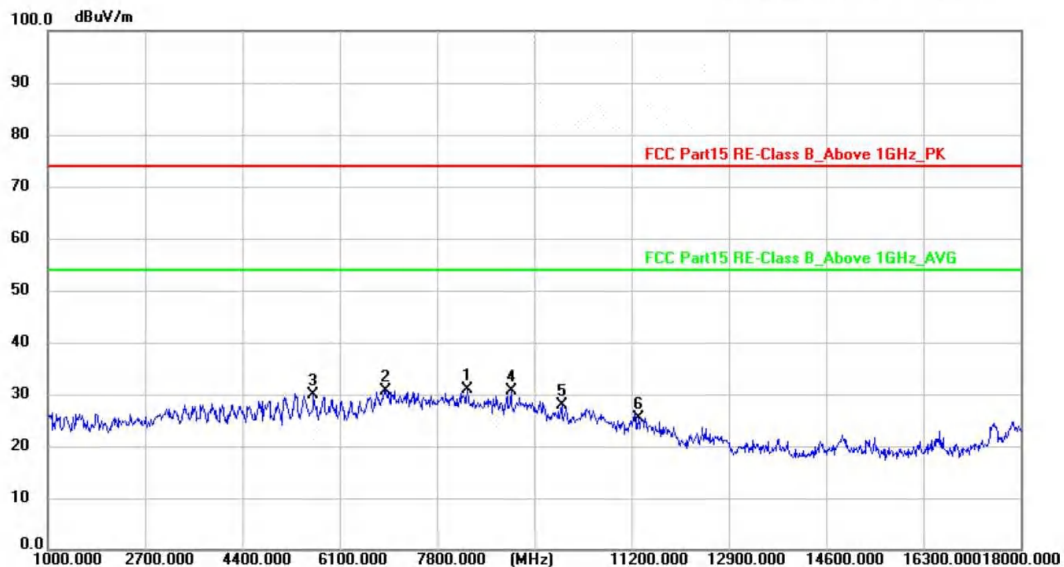


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11ax20 5200MHz(MIMO)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/15 08:37:48



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 *	8335.500	43.83	-12.92	30.91	74.00	-43.09	peak	150	135	P	
2	6909.625	44.97	-14.35	30.62	74.00	-43.38	peak	150	217	P	
3	5651.625	47.58	-17.81	29.77	74.00	-44.23	peak	150	45	P	
4	9098.375	42.90	-12.24	30.66	74.00	-43.34	peak	150	106	P	
5	9990.875	39.53	-11.73	27.80	74.00	-46.20	peak	150	274	P	
6	11323.250	35.84	-10.41	25.43	74.00	-48.57	peak	150	108	P	

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

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Test Report - Products

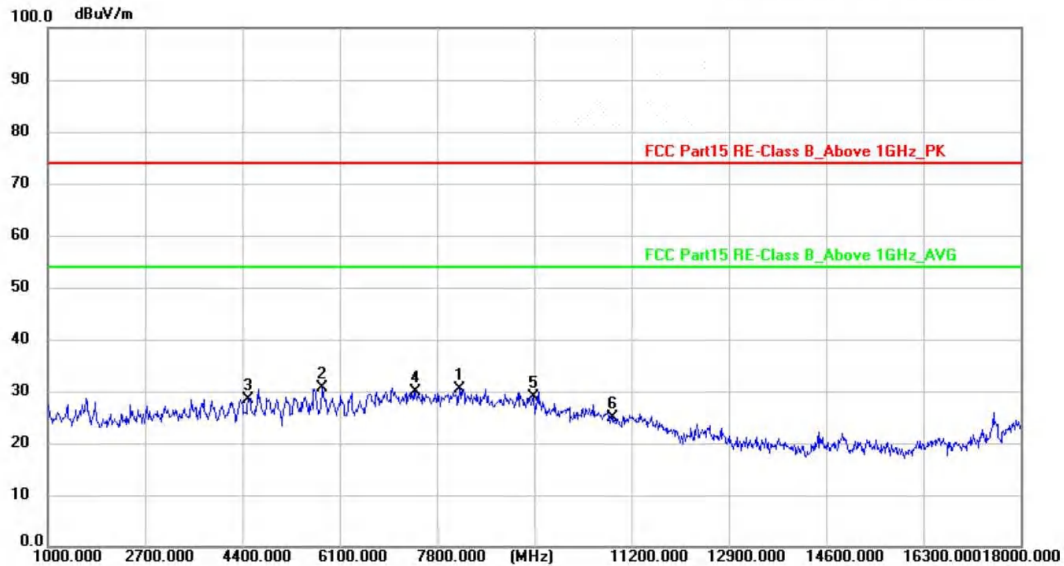


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11ax20 5240MHz(MIMO)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/15 08:42:59



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	8199.500	43.45	-13.04	30.41	74.00	-43.59	peak	150	124	P	
2 *	5806.750	48.15	-17.41	30.74	74.00	-43.26	peak	150	57	P	
3	4516.875	49.22	-20.72	28.50	74.00	-45.50	peak	150	46	P	
4	7438.750	43.51	-13.72	29.79	74.00	-44.21	peak	150	204	P	
5	9487.250	40.90	-12.02	28.88	74.00	-45.12	peak	150	257	P	
6	10877.000	35.51	-10.60	24.91	74.00	-49.09	peak	150	106	P	

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

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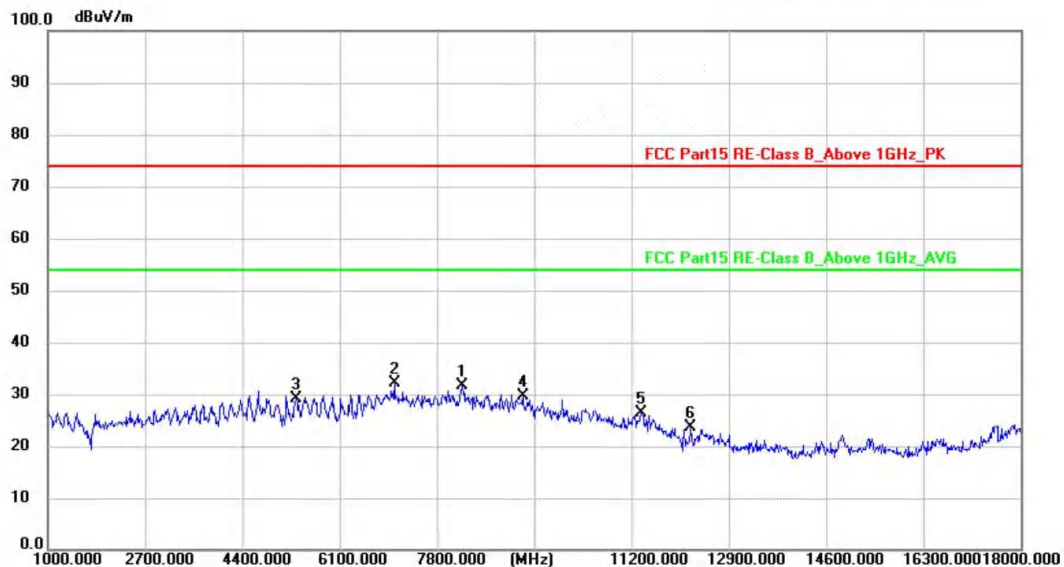


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11ax20 5240MHz(MIMO)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/15 08:47:14



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	8244.125	44.67	-13.00	31.67	74.00	-42.33	peak	150	165	P	
2 *	7058.375	46.08	-14.03	32.05	74.00	-41.95	peak	150	247	P	
3	5345.625	47.01	-17.99	29.02	74.00	-44.98	peak	150	157	P	
4	9296.000	41.79	-12.13	29.66	74.00	-44.34	peak	150	48	P	
5	11376.375	36.73	-10.42	26.31	74.00	-47.69	peak	150	204	P	
6	12249.750	33.61	-10.06	23.55	74.00	-50.45	peak	150	167	P	

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

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Prüfbericht - Produkte
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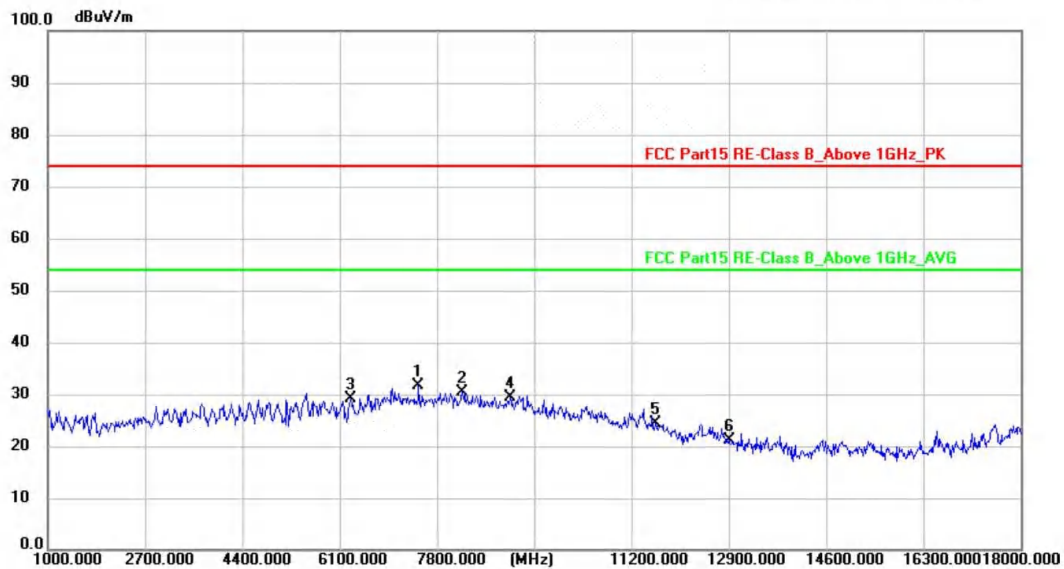


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 11n40 5190MHz(MIMO)
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/15 08:52:31



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 *	7487.625	45.27	-13.67	31.60	74.00	-42.40	peak	150	15	P	
2	8256.875	43.48	-12.99	30.49	74.00	-43.51	peak	150	204	P	
3	6295.500	45.11	-16.06	29.05	74.00	-44.95	peak	150	131	P	
4	9089.875	41.54	-12.24	29.30	74.00	-44.70	peak	150	108	P	
5	11614.375	34.67	-10.40	24.27	74.00	-49.73	peak	150	78	P	
6	12908.500	30.41	-9.20	21.21	74.00	-52.79	peak	150	167	P	

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