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Appendix A.1: Test Results of Radiated Spurious Emissions, 5.1GHz Wi-Fi

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.

30 MHz - 1GHz

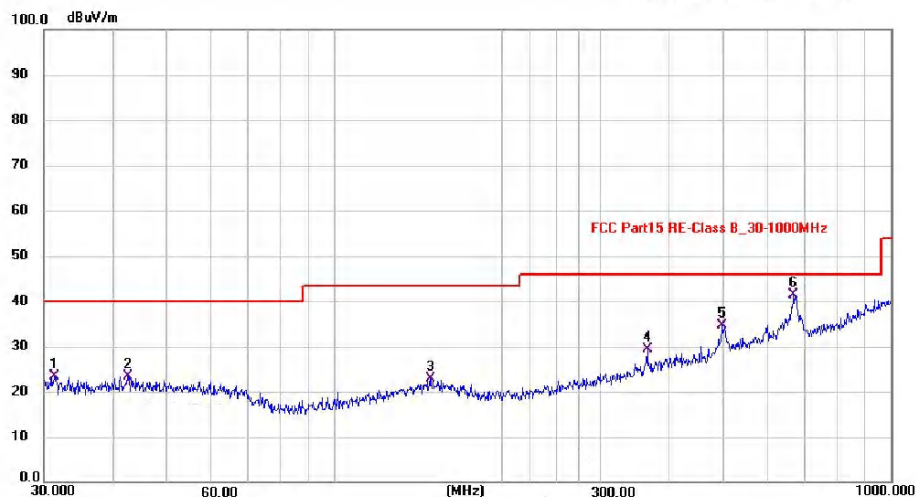


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 11:40:21



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	31.2893	10.04	13.22	23.26	40.00	-16.74	QP	150	154	P	
2	42.4508	8.99	14.47	23.46	40.00	-16.54	QP	150	260	P	
3	148.4410	8.76	14.09	22.85	43.50	-20.65	QP	150	318	P	
4	364.2595	12.67	16.72	29.39	46.00	-16.61	QP	150	54	P	
5	497.6765	14.49	20.10	34.59	46.00	-11.41	QP	150	229	P	
6 *	668.1423	17.26	24.00	41.26	46.00	-4.74	QP	150	46	P	

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

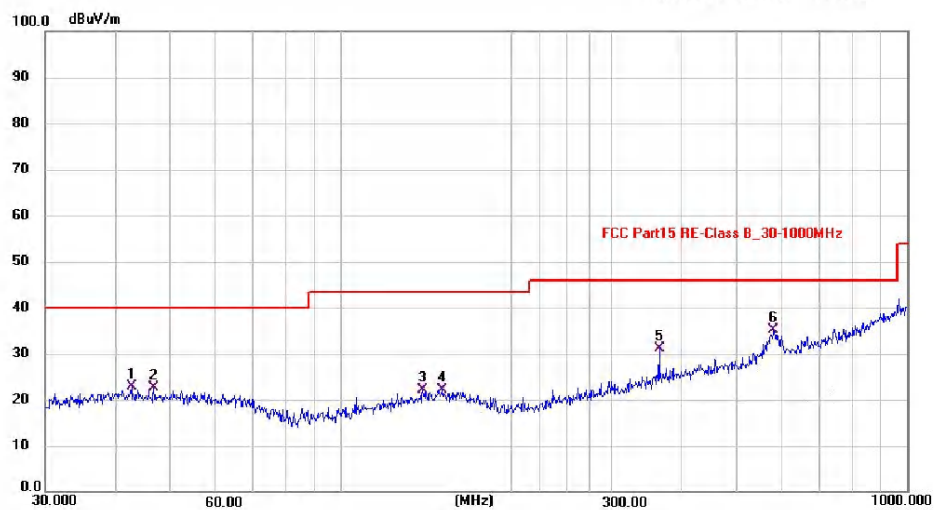


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 11:45:55



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	42.6000	8.45	14.46	22.91	40.00	-17.09	QP	150	154	P	
2	46.6663	8.26	14.29	22.55	40.00	-17.45	QP	150	221	P	
3	139.3611	8.18	13.86	22.04	43.50	-21.46	QP	150	316	P	
4	151.0665	7.92	14.15	22.07	43.50	-21.43	QP	150	59	P	
5	364.2595	14.50	16.72	31.22	46.00	-14.78	QP	150	284	P	
6 *	580.7026	12.65	22.36	35.01	46.00	-10.99	QP	150	174	P	

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

File: FCC 30-1000MHz 5\Data :#2

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Engineer Signature:

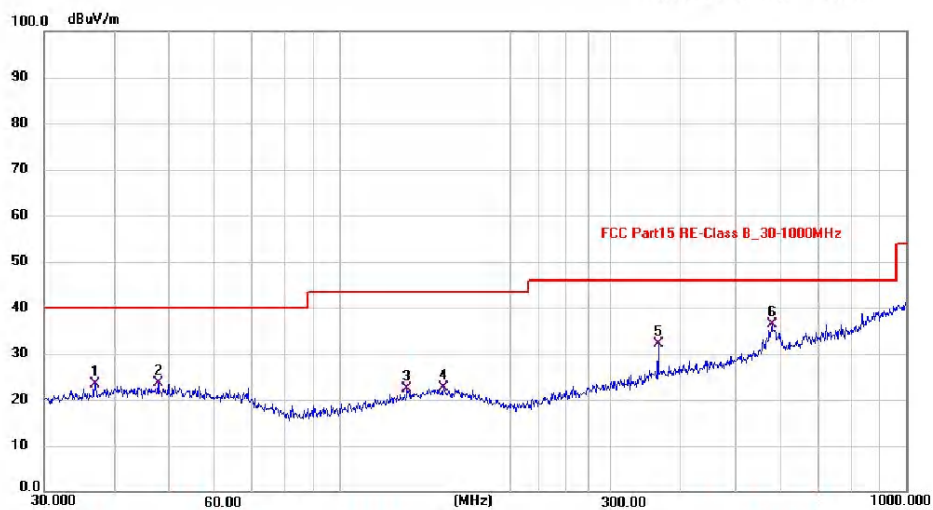


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax20 5200MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 11:50:25



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	36.8953	9.24	14.12	23.36	40.00	-16.64	QP	150	218	P	
2	47.6584	9.49	14.25	23.74	40.00	-16.26	QP	150	35	P	
3	131.2965	9.15	13.31	22.46	43.50	-21.04	QP	150	214	P	
4	152.1297	8.56	14.17	22.73	43.50	-20.77	QP	150	229	P	
5	364.2595	15.47	16.72	32.19	46.00	-13.81	QP	150	65	P	
6 *	578.6700	14.07	22.30	36.37	46.00	-9.63	QP	150	81	P	

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

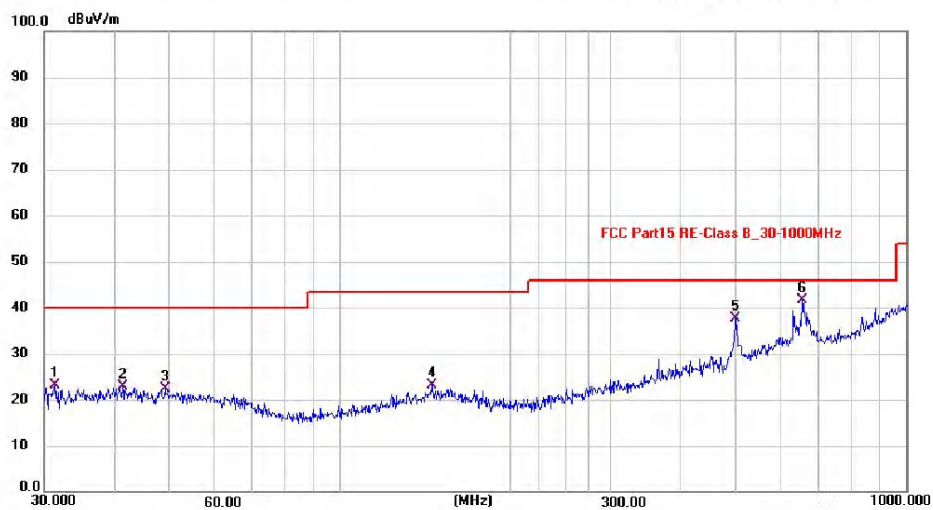


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax20 5200MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 11:55:44



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	31.3992	9.97	13.23	23.20	40.00	-16.80	QP	150	27	P	
2	41.2765	8.28	14.52	22.80	40.00	-17.20	QP	150	84	P	
3	49.0144	8.29	14.19	22.48	40.00	-17.52	QP	150	346	P	
4	145.3505	9.11	14.02	23.13	43.50	-20.37	QP	150	29	P	
5	499.4246	17.42	20.14	37.56	46.00	-8.44	QP	150	321	P	
6 *	654.2318	17.95	23.77	41.72	46.00	-4.28	QP	150	51	P	

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

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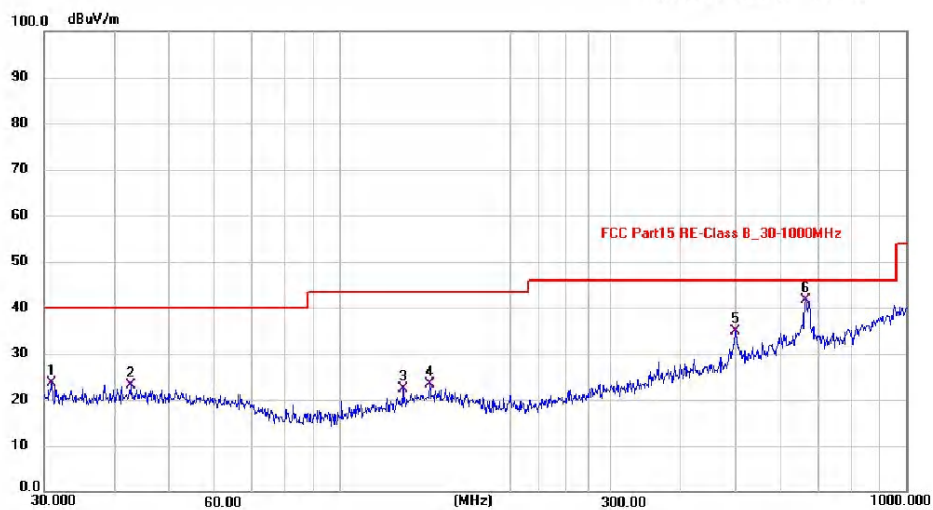


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax20 5240MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 12:00:03



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	30.9618	10.42	13.16	23.58	40.00	-16.42	QP	150	236	P	
2	42.7495	8.68	14.45	23.13	40.00	-16.87	QP	150	299	P	
3	129.0145	9.28	13.16	22.44	43.50	-21.06	QP	150	164	P	
4	143.8295	9.42	13.99	23.41	43.50	-20.09	QP	150	150	P	
5	499.4246	14.76	20.14	34.90	46.00	-11.10	QP	150	320	P	
6 *	663.4728	17.69	23.92	41.61	46.00	-4.39	QP	150	76	P	

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

File: FCC 30-1000MHz 5\Data :#5

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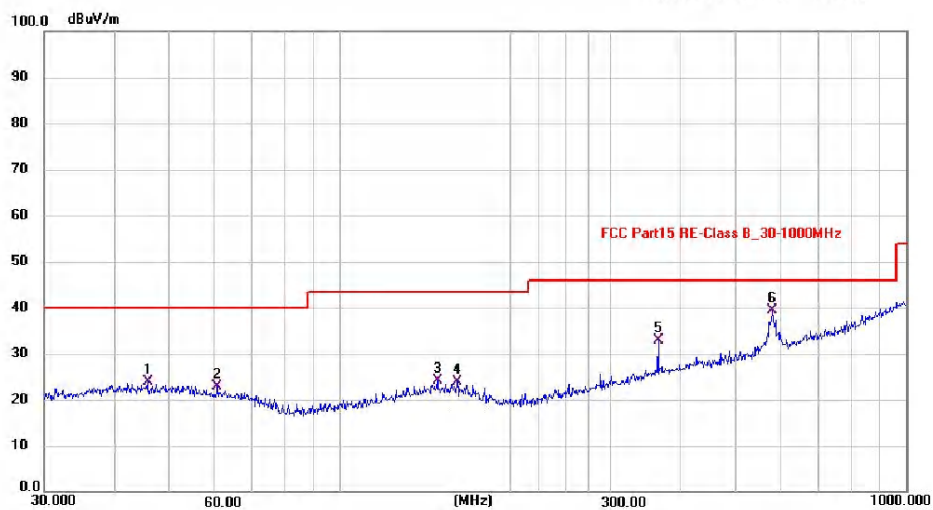
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax20 5240MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 12:05:36



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	45.6947	9.54	14.33	23.87	40.00	-16.13	QP	150	269	P	
2	60.7043	9.95	13.04	22.99	40.00	-17.01	QP	150	333	P	
3	148.4410	10.10	14.09	24.19	43.50	-19.31	QP	150	241	P	
4	160.9090	9.59	14.26	23.85	43.50	-19.65	QP	150	180	P	
5	364.2595	16.13	16.72	32.85	46.00	-13.15	QP	150	115	P	
6 *	580.7026	16.90	22.36	39.26	46.00	-6.74	QP	150	94	P	

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

File: FCC 30-1000MHz 5\Data :#6

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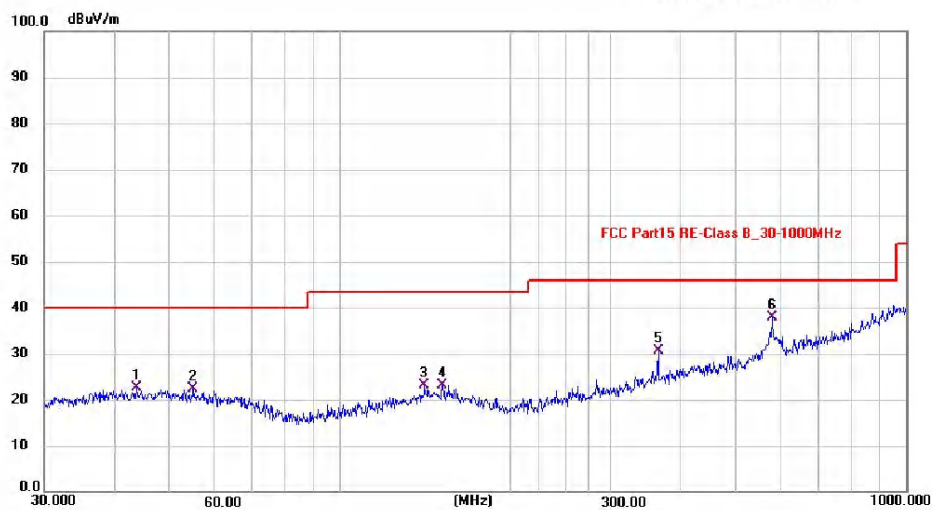
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax40 5190MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 12:10:49



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	8.13	14.42	22.55	40.00	-17.45	QP	150	115	P	
2	55.0274	8.70	13.63	22.33	40.00	-17.67	QP	150	260	P	
3	140.8350	9.19	13.92	23.11	43.50	-20.39	QP	150	317	P	
4	151.5972	9.00	14.16	23.16	43.50	-20.34	QP	150	47	P	
5	364.2595	14.03	16.72	30.75	46.00	-15.25	QP	150	184	P	
6 *	578.6700	15.64	22.30	37.94	46.00	-8.06	QP	150	25	P	

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

File: FCC 30-1000MHz 5\Data :#7

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Engineer Signature:

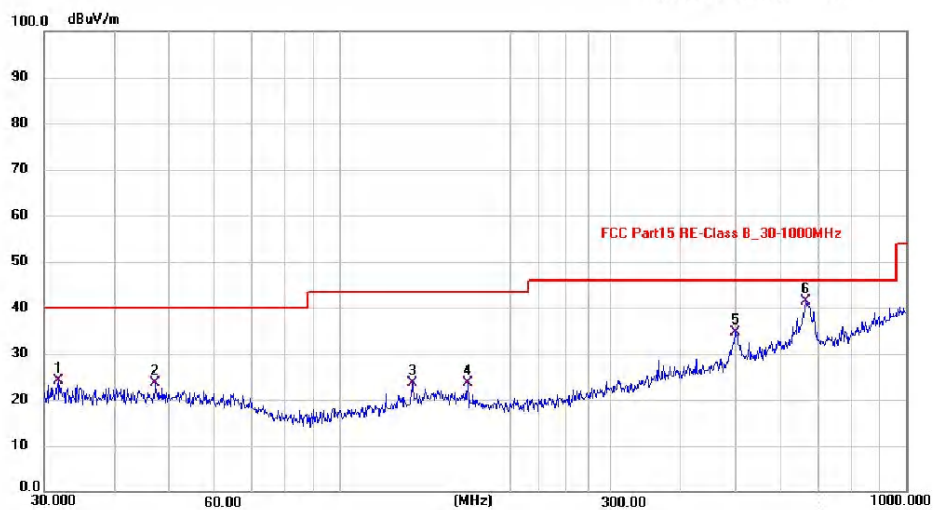


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax40 5190MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 12:15:17



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	31.7312	10.75	13.29	24.04	40.00	-15.96	QP	150	294	P	
2	47.1597	9.48	14.26	23.74	40.00	-16.26	QP	150	63	P	
3	134.0880	10.17	13.51	23.68	43.50	-19.82	QP	150	188	P	
4	167.8241	9.92	13.59	23.51	43.50	-19.99	QP	150	247	P	
5	499.4245	14.53	20.14	34.67	46.00	-11.33	QP	150	251	P	
6 *	663.4728	17.47	23.92	41.39	46.00	-4.61	QP	150	163	P	

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

File: FCC 30-1000MHz 5\Data :#8

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Engineer Signature:

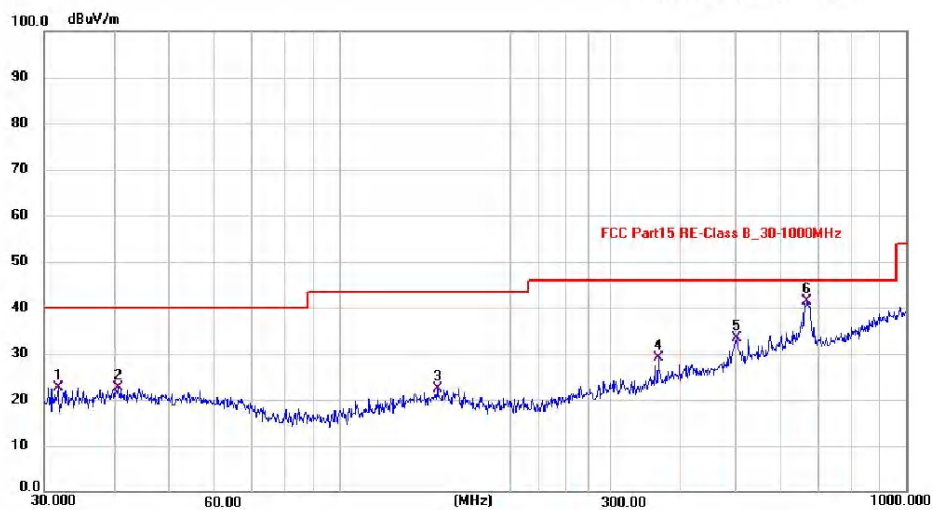


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax40 5230MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 12:20:25



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	31.7312	9.42	13.29	22.71	40.00	-17.29	QP	150	294	P	
2	40.5591	7.98	14.55	22.53	40.00	-17.47	QP	150	55	P	
3	148.4410	8.25	14.09	22.34	43.50	-21.16	QP	150	136	P	
4	364.2595	12.40	16.72	29.12	46.00	-16.88	QP	150	107	P	
5	501.1790	13.25	20.19	33.44	46.00	-12.56	QP	150	51	P	
6 *	668.1422	17.29	24.00	41.29	46.00	-4.71	QP	150	9	P	

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

File: FCC 30-1000MHz 5\Data :#9

Page: 1

Engineer Signature:



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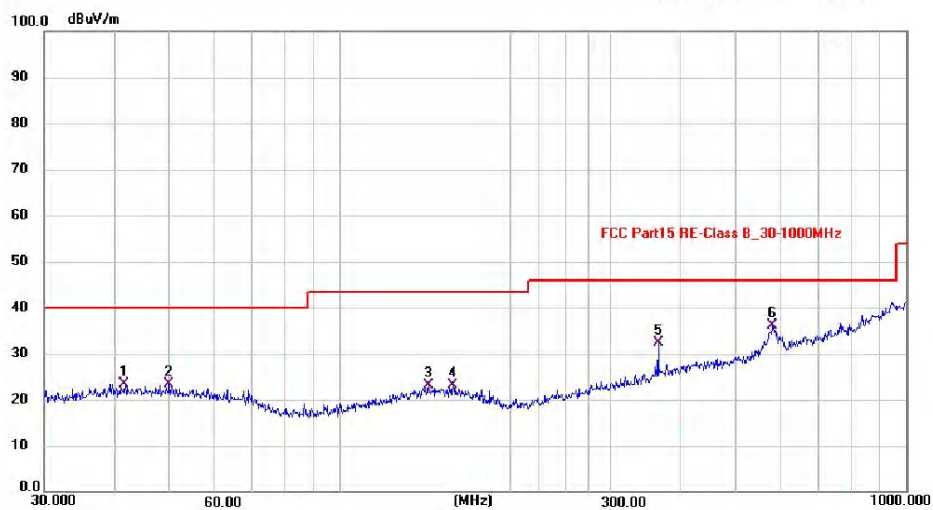
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax40 5230MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 12:25:08



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	41.7129	8.89	14.49	23.38	40.00	-16.62	QP	150	109	P	
2	49.8814	9.33	14.15	23.48	40.00	-16.52	QP	150	150	P	
3	143.3260	9.22	13.98	23.20	43.50	-20.30	QP	150	223	P	
4	158.1123	8.83	14.31	23.14	43.50	-20.36	QP	150	257	P	
5	364.2595	15.61	16.72	32.33	46.00	-13.67	QP	150	341	P	
6 *	580.7026	13.76	22.36	36.12	46.00	-9.88	QP	150	201	P	

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

File: FCC 30-1000MHz 5\Data :#10

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Engineer Signature:

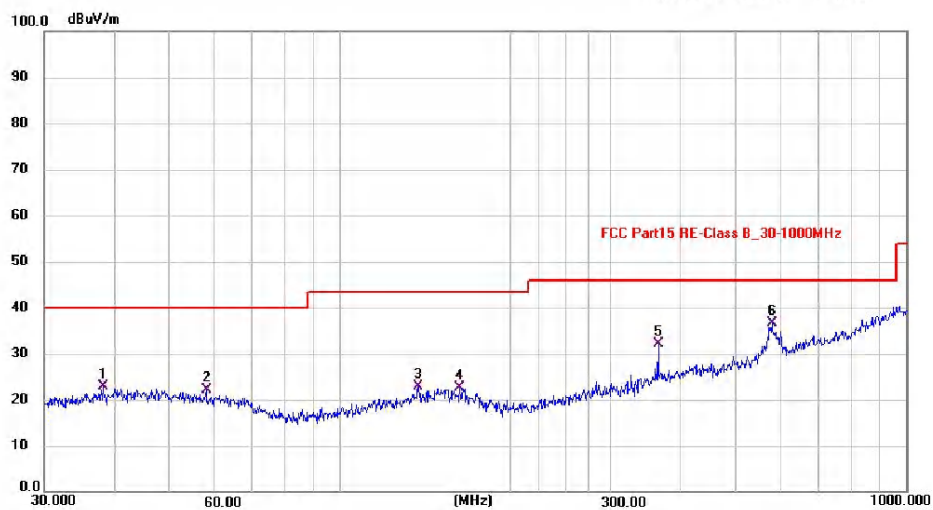


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax80 5210MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 12:30:07



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	38.0782	8.51	14.29	22.80	40.00	-17.20	QP	150	63	P	
2	57.9992	8.77	13.32	22.09	40.00	-17.91	QP	150	171	P	
3	137.4202	9.19	13.72	22.91	43.50	-20.59	QP	150	306	P	
4	162.6105	8.46	14.10	22.56	43.50	-20.94	QP	150	7	P	
5	364.2595	15.29	16.72	32.01	46.00	-13.99	QP	150	182	P	
6 *	578.6700	14.29	22.30	36.59	46.00	-9.41	QP	150	166	P	

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

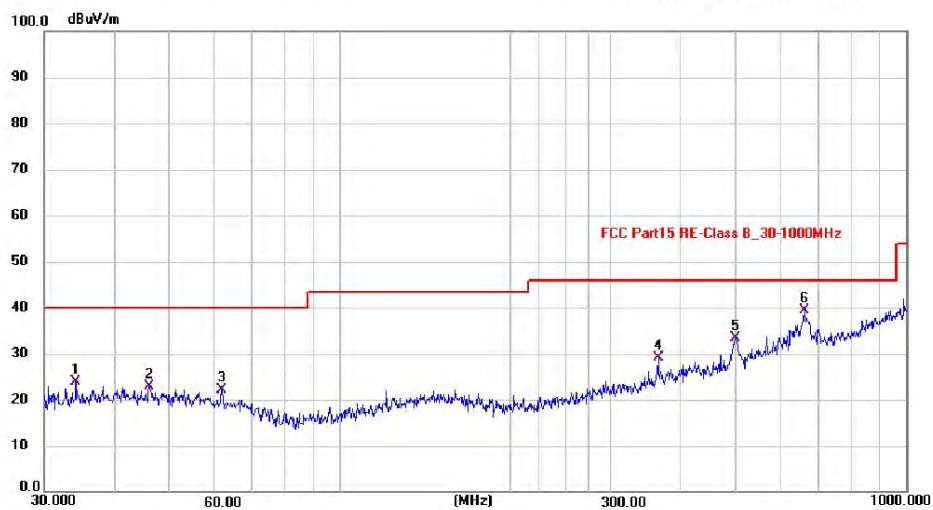


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Smart Dock Distance: 3m Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax80 5210MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/29 12:35:33



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	34.1561	10.17	13.69	23.86	40.00	-16.14	QP	150	14	P	
2	46.0164	8.46	14.31	22.77	40.00	-17.23	QP	150	238	P	
3	61.7781	9.13	12.93	22.06	40.00	-17.94	QP	150	115	P	
4	364.2595	12.53	16.72	29.25	46.00	-16.75	QP	150	338	P	
5	499.4247	13.29	20.14	33.43	46.00	-12.57	QP	150	326	P	
6 *	661.1505	15.46	23.88	39.34	46.00	-6.66	QP	150	256	P	

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

File: FCC 30-1000MHz 5\Data :#12

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Engineer Signature:

1GHz - 18GHz

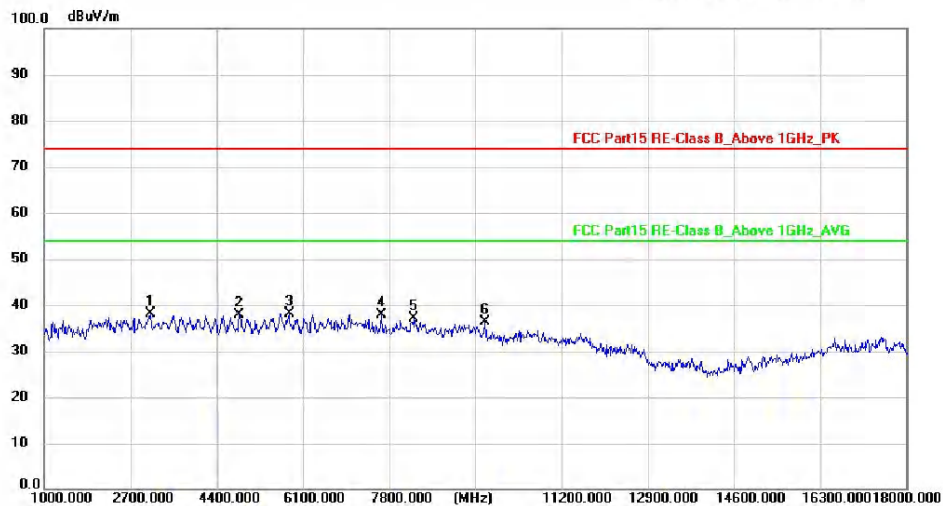


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: a 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 17:00:50



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	3093.125	52.87	-14.80	38.07	74.00	-35.93	peak	150	121	P	
2	4848.375	49.92	-12.04	37.88	74.00	-36.12	peak	150	160	P	
3 *	5840.750	48.01	-9.85	38.16	74.00	-35.84	peak	150	16	P	
4	7655.500	46.42	-8.64	37.78	74.00	-36.22	peak	150	302	P	
5	8297.250	45.21	-8.19	37.02	74.00	-36.98	peak	150	194	P	
6	9693.375	42.89	-6.55	36.34	74.00	-37.66	peak	150	227	P	

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

File: FCC 5\Data :#1

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Engineer Signature:

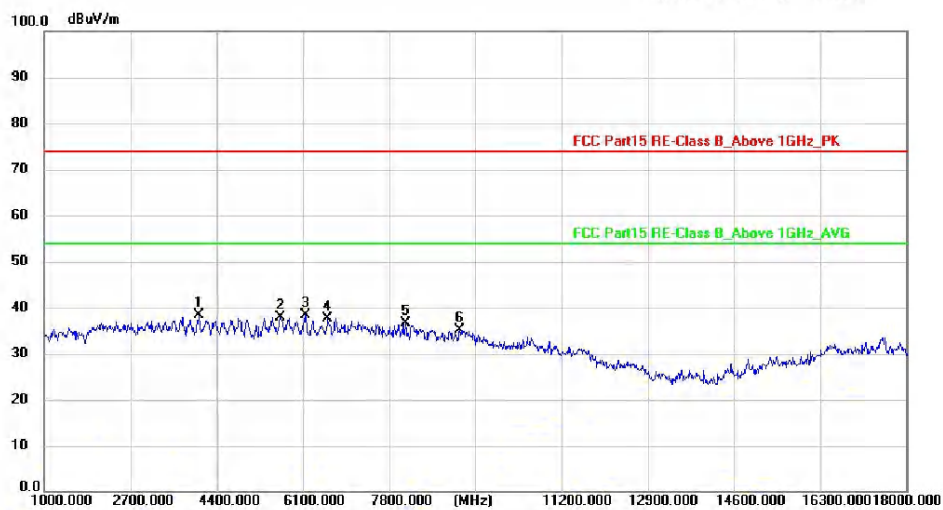


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: a 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 17:05:21



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 *	4051.500	51.71	-13.24	38.47	74.00	-35.53	peak	150	261	P	
2	5664.375	48.13	-10.25	37.88	74.00	-36.12	peak	150	158	P	
3	6159.500	47.69	-9.37	38.32	74.00	-35.68	peak	150	320	P	
4	6603.625	46.78	-9.10	37.68	74.00	-36.32	peak	150	274	P	
5	8137.875	45.02	-8.38	36.64	74.00	-37.36	peak	150	199	P	
6	9196.125	42.27	-7.16	35.11	74.00	-38.89	peak	150	62	P	

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

File: FCC 5\Data :#2

Page: 1

Engineer Signature:

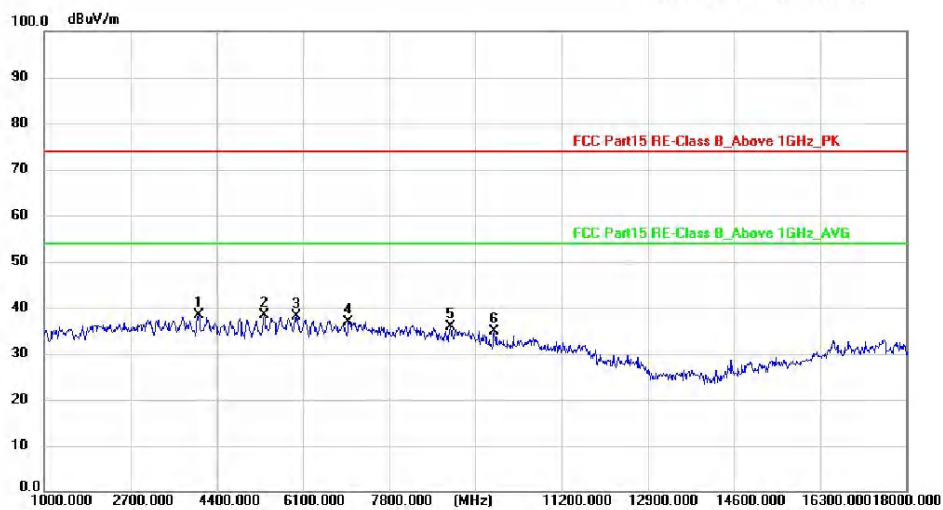


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: n20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 17:10:36



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 *	4043.000	51.68	-13.26	38.42	74.00	-35.58	peak	150	210	P	
2	5337.125	49.43	-11.01	38.42	74.00	-35.58	peak	150	194	P	
3	5987.375	47.53	-9.51	38.02	74.00	-35.98	peak	150	231	P	
4	7011.625	45.69	-8.85	36.84	74.00	-37.16	peak	150	70	P	
5	9011.250	43.22	-7.40	35.82	74.00	-38.18	peak	150	62	P	
6	9876.125	41.20	-6.34	34.86	74.00	-39.14	peak	150	284	P	

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

File: FCC 5\Data :#3

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Engineer Signature:



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

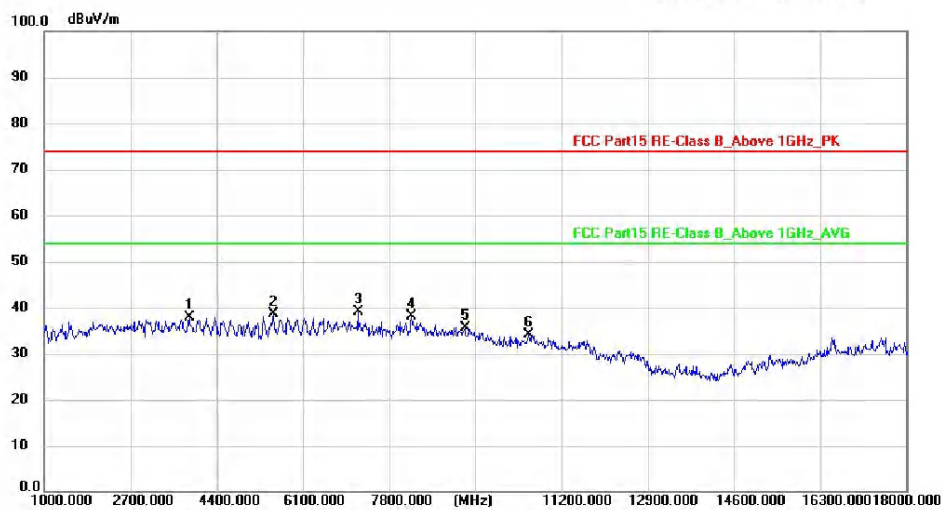
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 17:15:05



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	3866.625	51.39	-13.54	37.85	74.00	-36.15	peak	150	277	P	
2	5526.250	49.26	-10.58	38.68	74.00	-35.32	peak	150	360	P	
3 *	7188.000	47.86	-8.79	39.07	74.00	-34.93	peak	150	184	P	
4	8246.250	46.37	-8.26	38.11	74.00	-35.89	peak	150	319	P	
5	9302.375	42.70	-7.04	35.66	74.00	-38.34	peak	150	21	P	
6	10564.625	39.58	-5.38	34.20	74.00	-39.80	peak	150	104	P	

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

File: FCC 5\Data :#4

Page: 1

Engineer Signature:

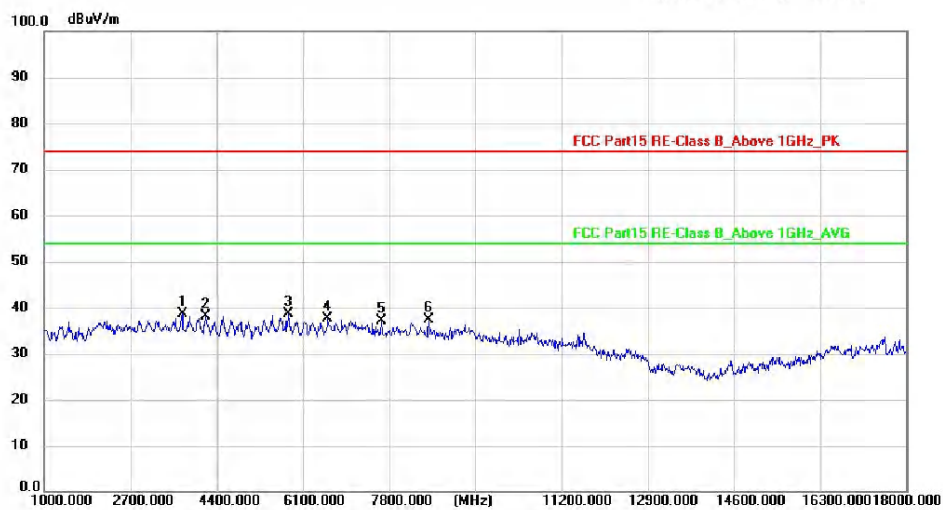


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: n40 5190MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 17:20:32



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 *	3730.625	52.47	-13.77	38.70	74.00	-35.30	peak	150	110	P	
2	4189.625	51.10	-13.04	38.06	74.00	-35.94	peak	150	117	P	
3	5825.875	48.39	-9.88	38.51	74.00	-35.49	peak	150	163	P	
4	6593.000	46.73	-9.10	37.63	74.00	-36.37	peak	150	188	P	
5	7655.500	45.72	-8.64	37.08	74.00	-36.92	peak	150	320	P	
6	8584.125	45.23	-7.88	37.35	74.00	-36.65	peak	150	294	P	

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

File: FCC 5\Data :#5

Page: 1

Engineer Signature:



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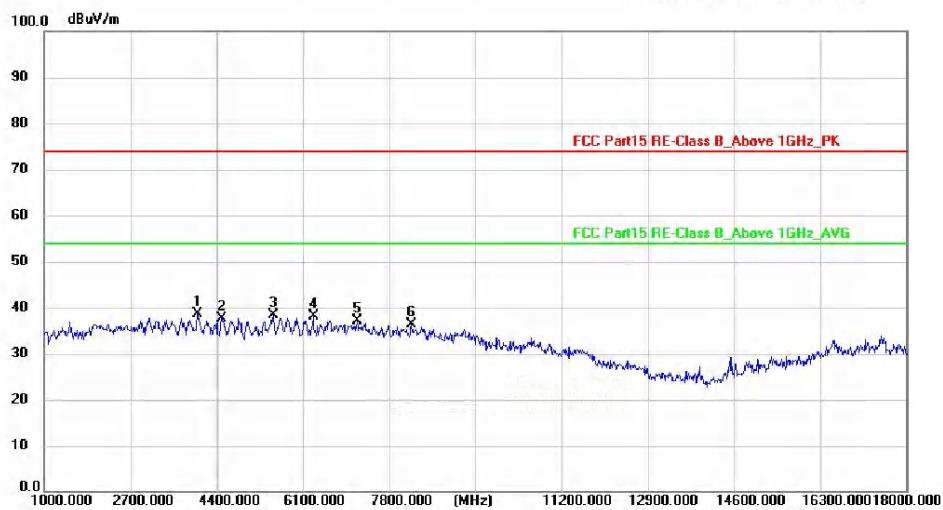
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n40 5190MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 17:25:02



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 *	4032.375	51.99	-13.27	38.72	74.00	-35.28	peak	150	10	P	
2	4514.750	50.15	-12.54	37.61	74.00	-36.39	peak	150	157	P	
3	5524.125	48.86	-10.58	38.28	74.00	-35.72	peak	150	260	P	
4	6312.500	47.34	-9.28	38.06	74.00	-35.94	peak	150	311	P	
5	7185.875	45.90	-8.79	37.11	74.00	-36.89	peak	150	239	P	
6	8254.750	44.53	-8.24	36.29	74.00	-37.71	peak	150	284	P	

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

File: FCC 5\Data :#6

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Engineer Signature:



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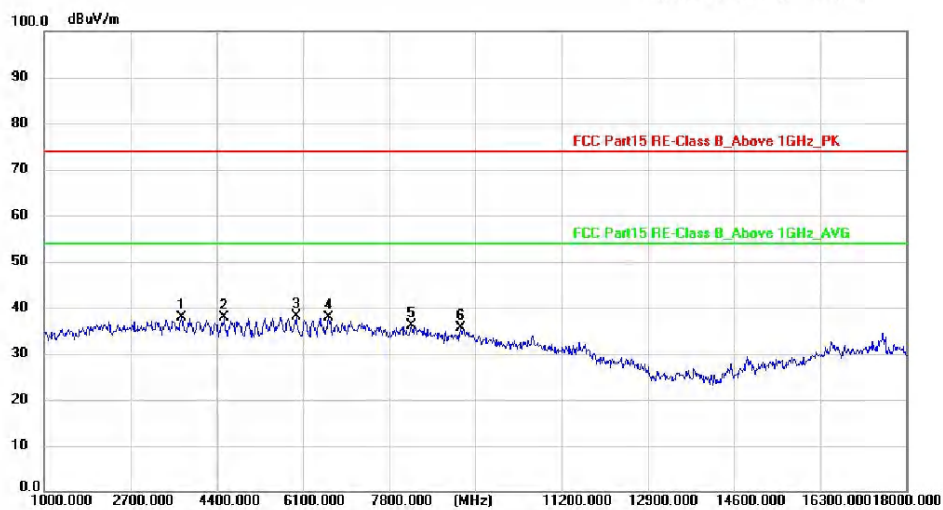
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 17:30:27



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	3707.250	51.61	-13.80	37.81	74.00	-36.19	peak	150	159	P	
2	4555.125	50.44	-12.48	37.96	74.00	-36.04	peak	150	100	P	
3 *	5976.750	47.57	-9.54	38.03	74.00	-35.97	peak	150	164	P	
4	6614.250	46.90	-9.09	37.81	74.00	-36.19	peak	150	237	P	
5	8242.000	44.42	-8.26	36.16	74.00	-37.84	peak	150	48	P	
6	9219.500	42.65	-7.14	35.51	74.00	-38.49	peak	150	284	P	

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

File: FCC 5\Data :#7

Page: 1

Engineer Signature:



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: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 17:35:52



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	3879.375	51.48	-13.53	37.95	74.00	-36.05	peak	150	132	P	
2	4533.875	50.31	-12.51	37.80	74.00	-36.20	peak	150	55	P	
3	5662.250	48.22	-10.26	37.96	74.00	-36.04	peak	150	169	P	
4 *	6306.125	49.02	-9.29	39.73	74.00	-34.27	peak	150	360	P	
5	7066.875	46.19	-8.83	37.36	74.00	-36.64	peak	150	284	P	
6	8278.125	45.31	-8.21	37.10	74.00	-36.90	peak	150	154	P	

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



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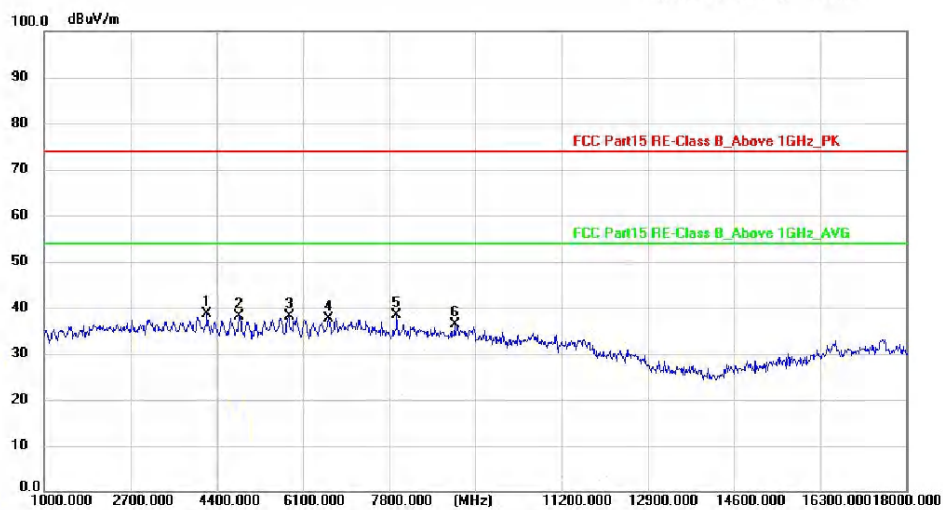
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac40 5190MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 17:40:46



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 *	4215.125	51.60	-13.00	38.60	74.00	-35.40	peak	150	112	P	
2	4850.500	50.17	-12.02	38.15	74.00	-35.85	peak	150	209	P	
3	5830.125	48.03	-9.87	38.16	74.00	-35.84	peak	150	163	P	
4	6616.375	46.70	-9.09	37.61	74.00	-36.39	peak	150	118	P	
5	7967.875	46.83	-8.54	38.29	74.00	-35.71	peak	150	184	P	
6	9104.750	43.59	-7.29	36.30	74.00	-37.70	peak	150	274	P	

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

File: FCC 5\Data :#9

Page: 1

Engineer Signature:



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

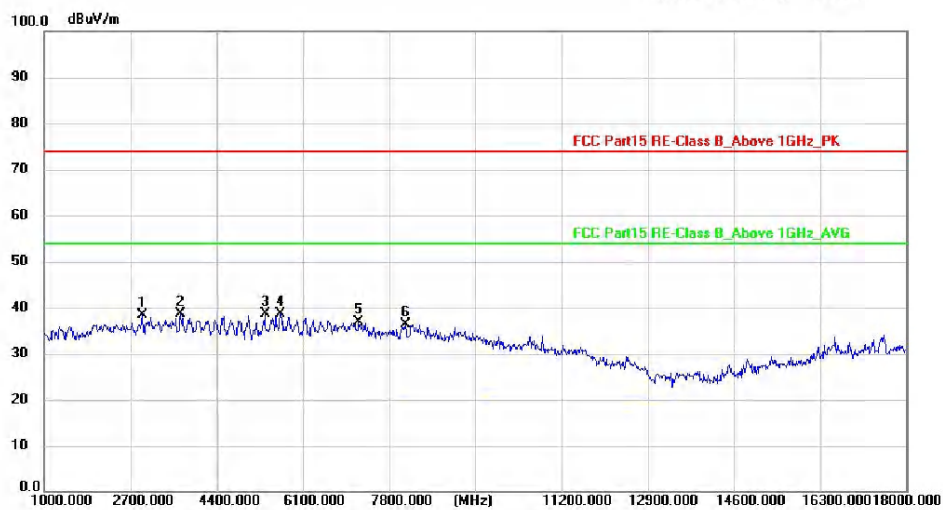
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac40 5190MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 17:45:16



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	2946.500	53.36	-15.02	38.34	74.00	-35.66	peak	150	64	P	
2 *	3698.750	52.53	-13.81	38.72	74.00	-35.28	peak	150	127	P	
3	5362.625	49.49	-10.96	38.53	74.00	-35.47	peak	150	52	P	
4	5658.000	48.81	-10.26	38.55	74.00	-35.45	peak	150	84	P	
5	7219.875	45.74	-8.78	36.96	74.00	-37.04	peak	150	349	P	
6	8129.375	44.80	-8.39	36.41	74.00	-37.59	peak	150	118	P	

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

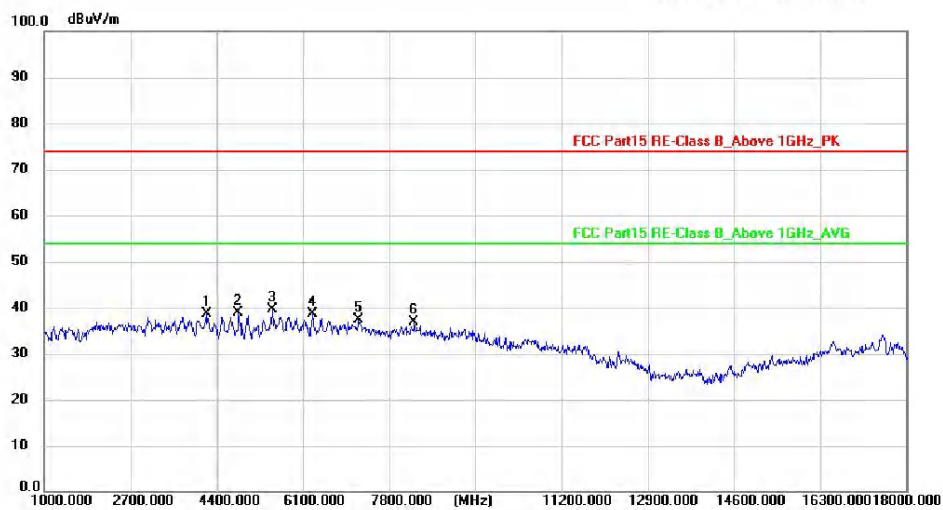


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ac80 5210MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 17:50:02



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	4208.750	51.66	-13.01	38.65	74.00	-35.35	peak	150	61	P	
2	4837.750	50.99	-12.05	38.94	74.00	-35.06	peak	150	112	P	
3 *	5509.250	50.18	-10.62	39.56	74.00	-34.44	peak	150	135	P	
4	6291.250	47.95	-9.29	38.66	74.00	-35.34	peak	150	201	P	
5	7205.000	46.20	-8.79	37.41	74.00	-36.59	peak	150	69	P	
6	8303.625	44.99	-8.19	36.80	74.00	-37.20	peak	150	142	P	

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



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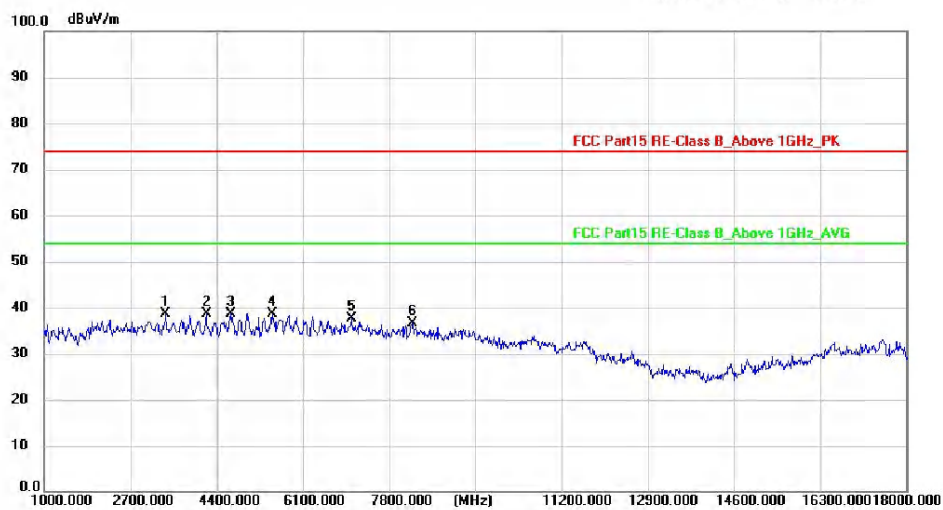
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac80 5210MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 17:55:24



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	3407.625	52.89	-14.29	38.60	74.00	-35.40	peak	150	120	P	
2 *	4200.250	51.75	-13.02	38.73	74.00	-35.27	peak	150	316	P	
3	4695.375	50.81	-12.26	38.55	74.00	-35.45	peak	150	294	P	
4	5502.875	49.15	-10.64	38.51	74.00	-35.49	peak	150	187	P	
5	7052.000	46.41	-8.83	37.58	74.00	-36.42	peak	150	225	P	
6	8263.250	44.77	-8.23	36.54	74.00	-37.46	peak	150	10	P	

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

File: FCC 5\Data :#12

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Engineer Signature:

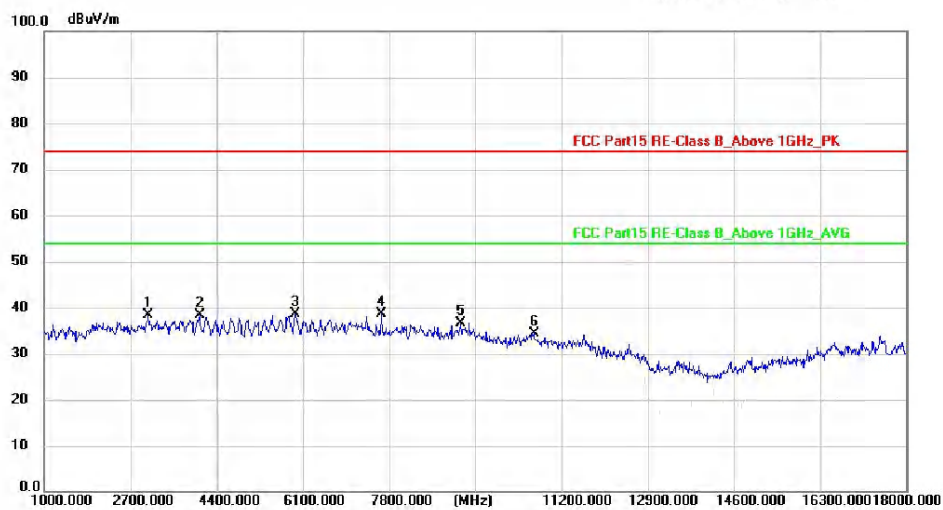


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 18:00:43



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	3069.750	53.32	-14.83	38.49	74.00	-35.51	peak	150	112	P	
2	4070.625	51.62	-13.22	38.40	74.00	-35.60	peak	150	231	P	
3	5957.625	48.17	-9.58	38.59	74.00	-35.41	peak	150	139	P	
4 *	7655.500	47.31	-8.64	38.67	74.00	-35.33	peak	150	120	P	
5	9225.875	43.85	-7.12	36.73	74.00	-37.27	peak	150	108	P	
6	10670.875	39.51	-5.23	34.28	74.00	-39.72	peak	150	67	P	

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



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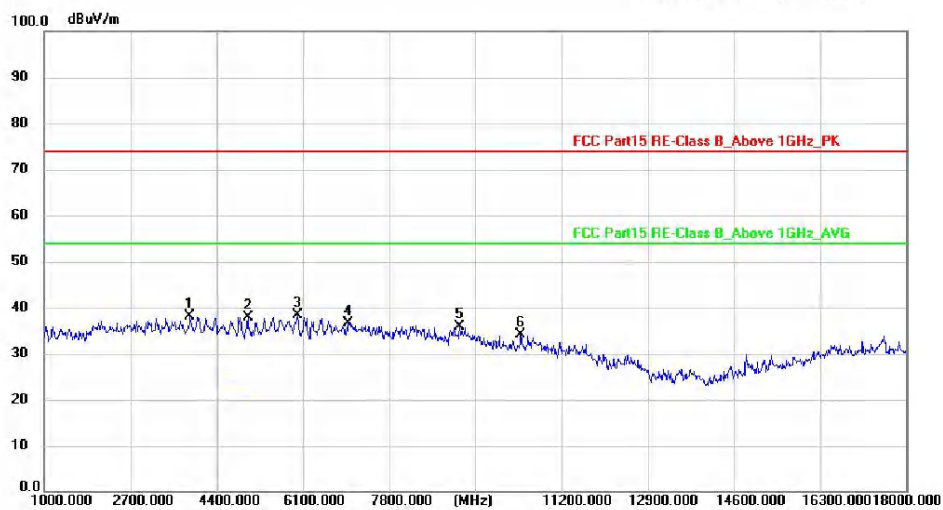
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 18:05:09



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	3877.250	51.74	-13.53	38.21	74.00	-35.79	peak	150	310	P	
2	5026.875	49.69	-11.74	37.95	74.00	-36.05	peak	150	294	P	
3 *	6010.750	47.84	-9.48	38.36	74.00	-35.64	peak	150	24	P	
4	7003.125	45.57	-8.85	36.72	74.00	-37.28	peak	150	62	P	
5	9206.750	43.09	-7.16	35.93	74.00	-38.07	peak	150	185	P	
6	10405.250	39.83	-5.61	34.22	74.00	-39.78	peak	150	311	P	

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

File: FCC 5\Data :#14

Page: 1

Engineer Signature:

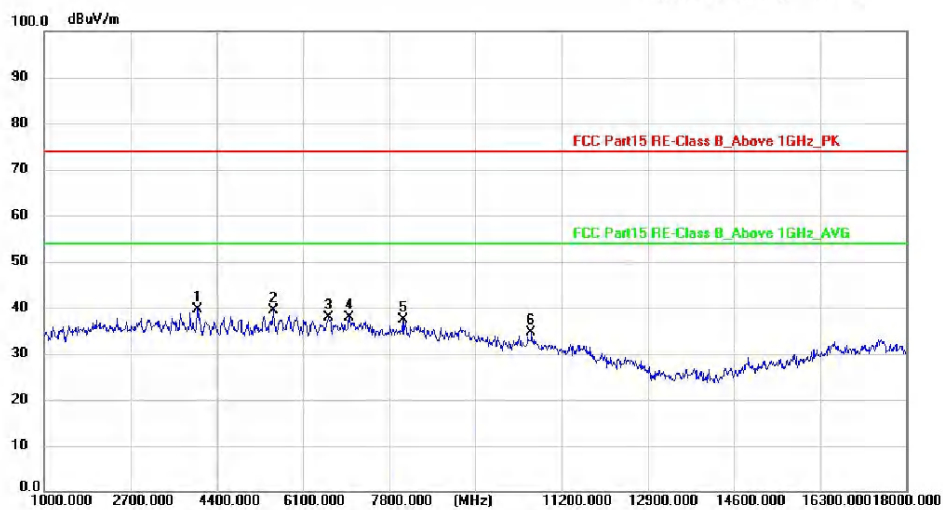


Shenzhen PSI Testing Co., Ltd.
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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax40 5190MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 18:10:58



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 *	4038.750	52.91	-13.27	39.64	74.00	-34.36	peak	150	195	P	
2	5522.000	49.95	-10.58	39.37	74.00	-34.63	peak	150	120	P	
3	6618.500	47.02	-9.09	37.93	74.00	-36.07	peak	150	38	P	
4	7018.000	46.60	-8.84	37.76	74.00	-36.24	peak	150	137	P	
5	8078.375	45.78	-8.44	37.34	74.00	-36.66	peak	150	65	P	
6	10619.875	39.85	-5.30	34.55	74.00	-39.45	peak	150	254	P	

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

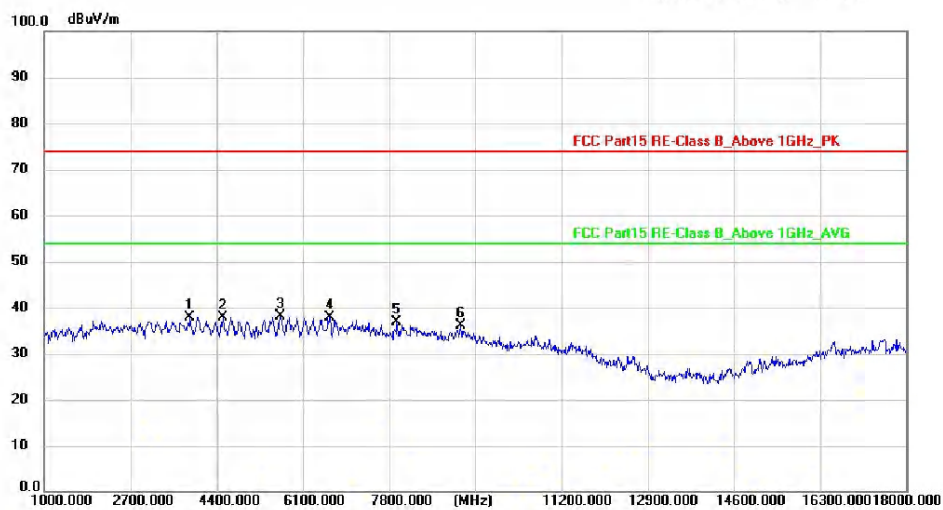


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax40 5190MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 18:15:26



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	3881.500	51.46	-13.52	37.94	74.00	-36.06	peak	150	152	P	
2	4523.250	50.40	-12.53	37.87	74.00	-36.13	peak	150	67	P	
3 *	5660.125	48.48	-10.26	38.22	74.00	-35.78	peak	150	130	P	
4	6629.125	46.92	-9.09	37.83	74.00	-36.17	peak	150	294	P	
5	7957.250	45.41	-8.54	36.87	74.00	-37.13	peak	150	324	P	
6	9223.750	43.15	-7.13	36.02	74.00	-37.98	peak	150	15	P	

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



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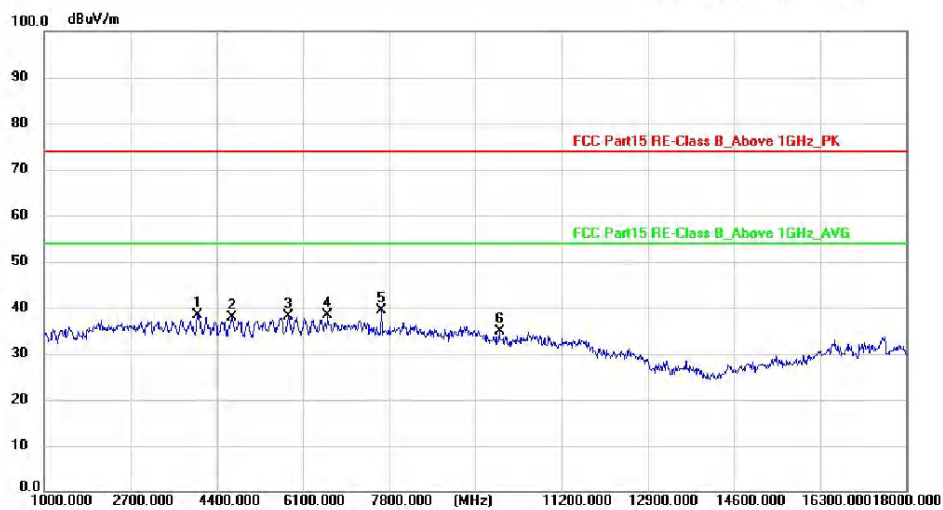
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax80 5210MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 18:20:30



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	4036.625	51.56	-13.27	38.29	74.00	-35.71	peak	150	220	P	
2	4708.125	50.11	-12.26	37.85	74.00	-36.15	peak	150	105	P	
3	5811.000	48.17	-9.92	38.25	74.00	-35.75	peak	150	294	P	
4	6605.750	47.44	-9.10	38.34	74.00	-35.66	peak	150	241	P	
5 *	7655.500	48.09	-8.64	39.45	74.00	-34.55	peak	150	163	P	
6	9976.000	41.16	-6.22	34.94	74.00	-39.06	peak	150	187	P	

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

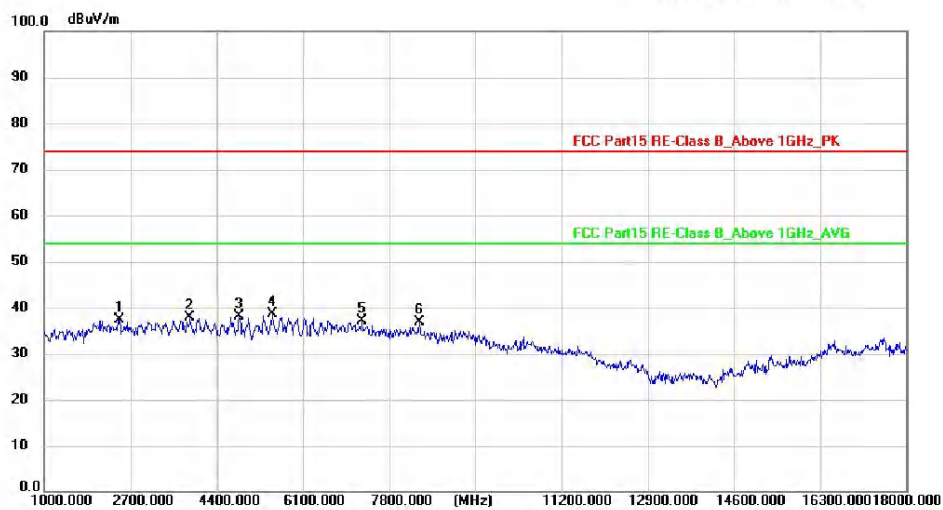


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax80 5210MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 18:25:58



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	2483.250	53.07	-15.59	37.48	74.00	-36.52	peak	150	118	P	
2	3881.500	51.33	-13.52	37.81	74.00	-36.19	peak	150	230	P	
3	4854.750	50.26	-12.02	38.24	74.00	-35.76	peak	150	113	P	
4 *	5507.125	49.35	-10.62	38.73	74.00	-35.27	peak	150	129	P	
5	7275.125	45.80	-8.77	37.03	74.00	-36.97	peak	150	54	P	
6	8407.750	45.01	-8.07	36.94	74.00	-37.06	peak	150	167	P	

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

Appendix A.2: Test Results of Radiated Emissions in Restricted Bands, 5.1GHz Wi-Fi



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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 24 °C
EUT: Smart Dock	Distance: 3m	Humidity: 56 %RH
M/N: FreeScan Omni Dock	Test Engineer: Felix	
Test Mode: a 5240MHz		
Test Voltage: AC 120V/60Hz		
Note:		

Radiated Emission Measurement

Test Date: 2025/6/28 18:30:17



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 *	5350.000	48.21	-16.99	31.22	68.82	-37.60	peak	150	190	P	
2	5352.575	50.80	-16.98	33.82	74.00	-40.18	peak	150	224	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: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: a 5240MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 18:35:49



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 *	5350.000	46.67	-16.99	29.68	68.82	-39.14	peak	150	127	P	
2	5359.906	48.65	-16.97	31.68	74.00	-42.32	peak	150	65	P	

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

File: FCC 5\Data :#2

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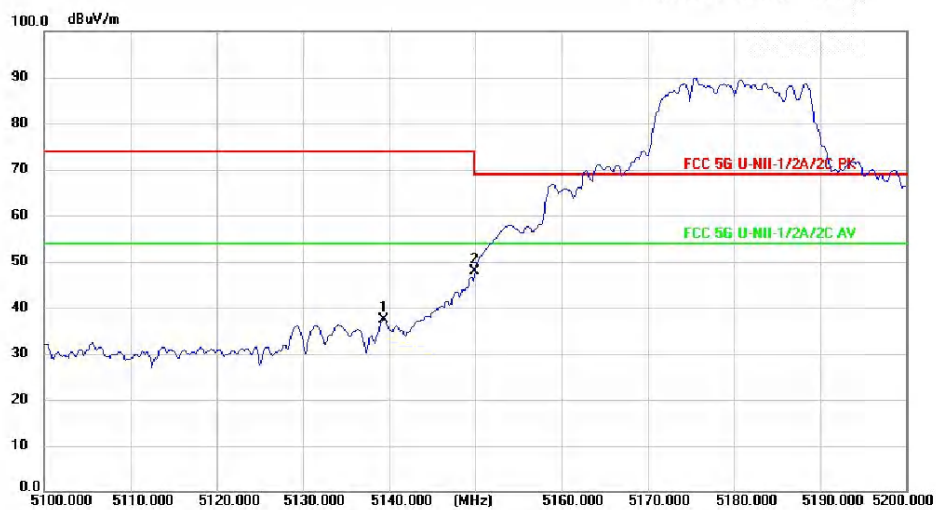
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 18:40:28



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	5139.450	54.79	-17.48	37.31	74.00	-36.69	peak	150	22	P	
2 *	5150.000	65.36	-17.45	47.91	68.82	-20.91	peak	150	136	P	

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

File: FCC 5\Data :#3

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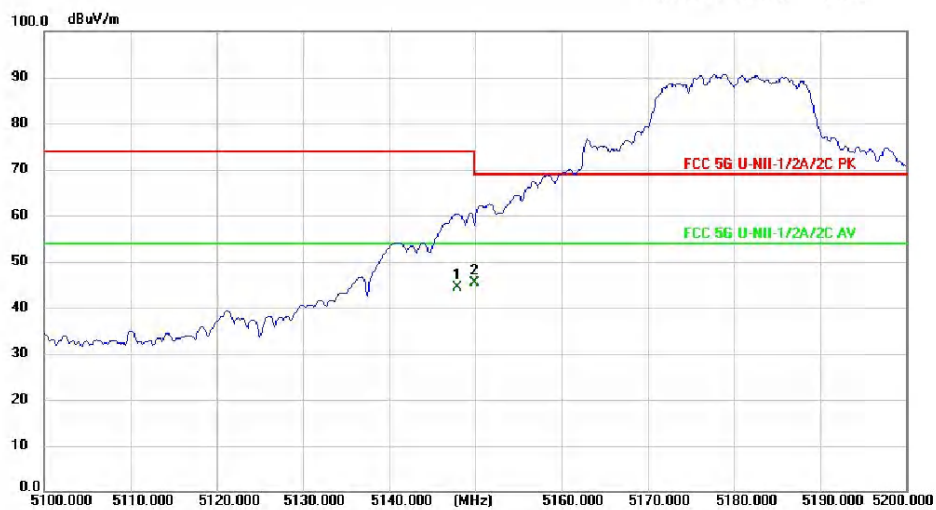
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 18:45:04



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	5147.913	61.73	-17.47	44.26	54.00	-9.74	AVG	150	175	P	
2 *	5150.000	62.71	-17.45	45.26	54.00	-8.74	AVG	150	129	P	

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

File: FCC 5\Data :#4

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

Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5240MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 18:50:10



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 *	5350.000	48.32	-16.99	31.33	68.82	-37.49	peak	150	119	P	
2	5355.012	50.31	-16.98	33.33	74.00	-40.67	peak	150	260	P	

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

File: FCC 5\Data :#5

Page: 1

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

Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5240MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 18:55:31



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 *	5350.000	47.61	-16.99	30.62	68.82	-38.20	peak	150	246	P	
2	5353.438	48.58	-16.98	31.60	74.00	-42.40	peak	150	51	P	

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

File: FCC 5\Data :#6

Page: 1

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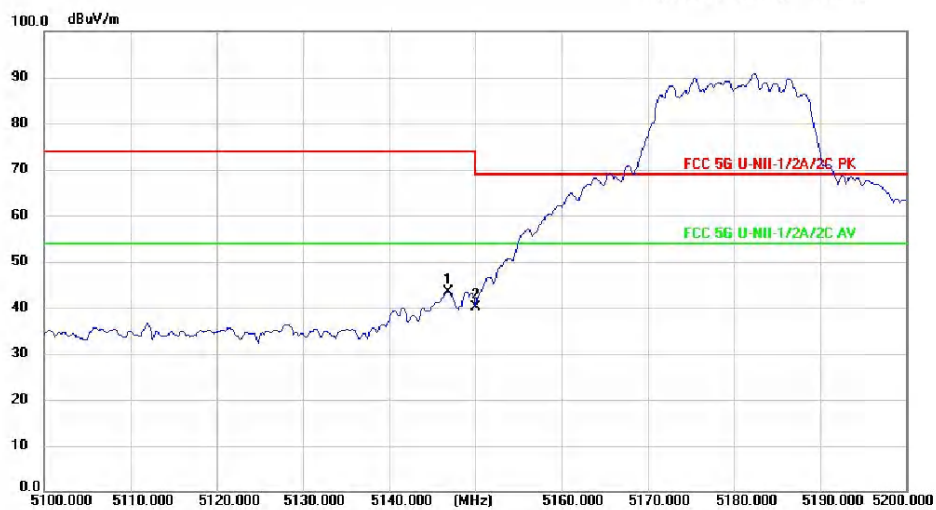
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 19:00:04



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	5146.875	60.83	-17.47	43.36	74.00	-30.64	peak	150	34	P	
2 *	5150.000	57.58	-17.45	40.13	68.82	-28.69	peak	150	61	P	

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

File: FCC 5\Data :#7

Page: 1

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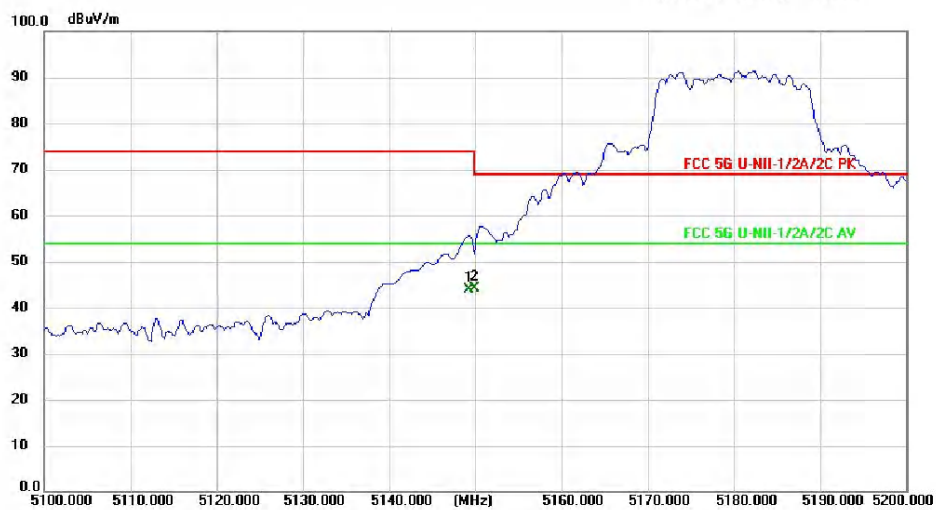
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 19:05:49



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	5149.363	61.47	-17.47	44.00	54.00	-10.00	AVG	150	144	P	
2 *	5150.000	61.65	-17.45	44.20	54.00	-9.80	AVG	150	97	P	

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

File: FCC 5\Data :#8

Page: 1

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Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5240MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 19:10:44



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 *	5350.000	53.43	-16.99	36.44	68.82	-32.38	peak	150	300	P	
2	5353.175	53.83	-16.98	36.85	74.00	-37.15	peak	150	269	P	

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

File: FCC 5/Data :#9

Page: 1

Engineer Signature:



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

Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 24 °C
EUT: Smart Dock	Distance: 3m	Humidity: 56 %RH
M/N: FreeScan Omni Dock	Test Engineer: Felix	
Test Mode: ac20 5240MHz		
Test Voltage: AC 120V/60Hz		
Note:		

Radiated Emission Measurement

Test Date: 2025/6/28 19:15:13



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 *	5350.000	52.82	-16.99	35.83	68.82	-32.99	peak	150	160	P	
2	5352.631	54.86	-16.98	37.88	74.00	-36.12	peak	150	184	P	

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

File: FCC 5\Data :#10

Page: 1

Engineer Signature:



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

Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: a 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 19:20:09



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 *	5149.250	61.60	-17.47	44.13	54.00	-9.87	AVG	150	120	P	
2	5150.000	61.30	-17.45	43.85	54.00	-10.15	AVG	150	59	P	

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

File: FCC 5\Data :#11

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Engineer Signature: