



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

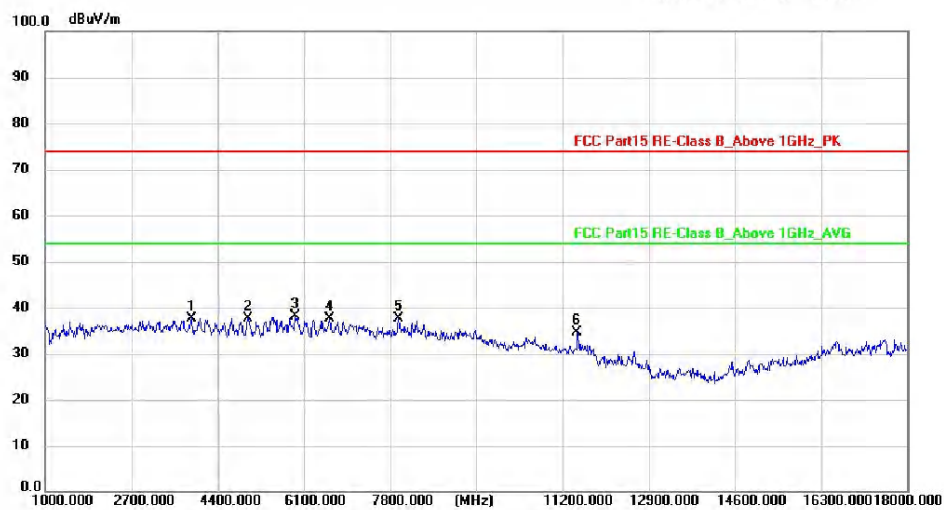
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac40 5755MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 21:55:11



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3904.875	51.23	-13.49	37.74	74.00	-36.26	peak	150	331	P	
2	5007.750	49.51	-11.78	37.73	74.00	-36.27	peak	150	218	P	
3 *	5942.750	47.86	-9.61	38.25	74.00	-35.75	peak	150	260	P	
4	6616.375	46.83	-9.09	37.74	74.00	-36.26	peak	150	29	P	
5	7978.500	46.20	-8.54	37.66	74.00	-36.34	peak	150	94	P	
6	11501.750	39.13	-4.40	34.73	74.00	-39.27	peak	150	70	P	

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

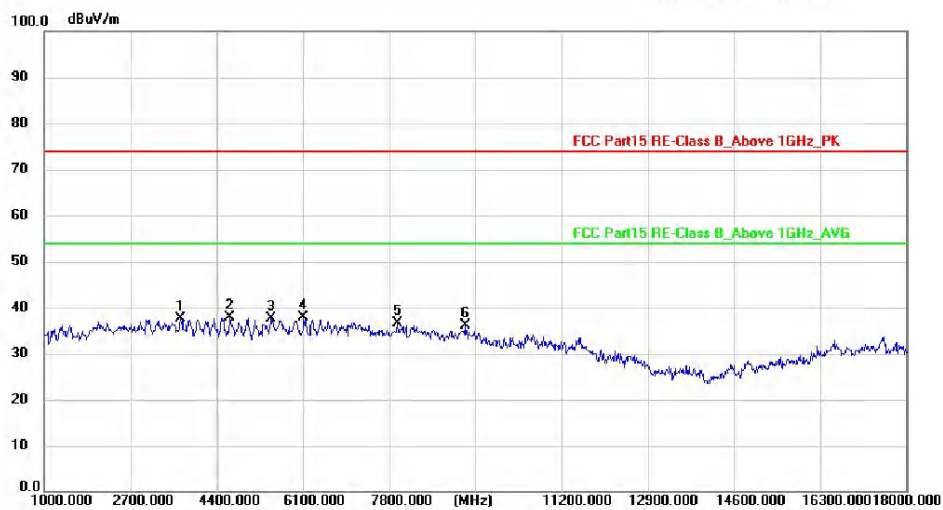


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ac80 5775MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 22:00:46



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	3698.750	51.52	-13.81	37.71	74.00	-36.29	peak	150	126	P	
2 *	4661.375	50.22	-12.31	37.91	74.00	-36.09	peak	150	350	P	
3	5485.875	48.34	-10.67	37.67	74.00	-36.33	peak	150	21	P	
4	6123.375	47.30	-9.40	37.90	74.00	-36.10	peak	150	8	P	
5	7970.000	45.19	-8.54	36.65	74.00	-37.35	peak	150	94	P	
6	9296.000	43.15	-7.04	36.11	74.00	-37.89	peak	150	210	P	

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



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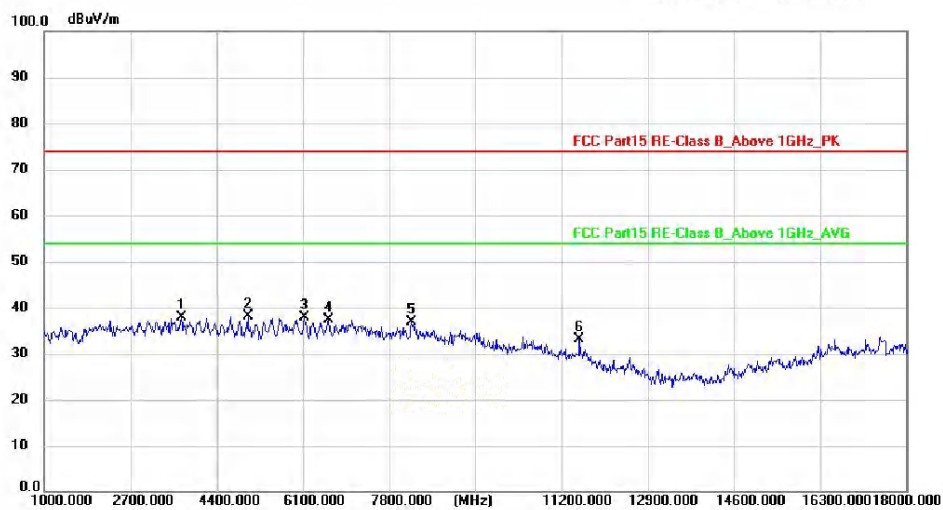
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac80 5775MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 22:05:10



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	3707.250	51.62	-13.80	37.82	74.00	-36.18	peak	150	119	P	
2 *	5026.875	49.81	-11.74	38.07	74.00	-35.93	peak	150	52	P	
3	6144.625	47.15	-9.39	37.76	74.00	-36.24	peak	150	61	P	
4	6614.250	46.49	-9.09	37.40	74.00	-36.60	peak	150	132	P	
5	8242.000	45.02	-8.26	36.76	74.00	-37.24	peak	150	105	P	
6	11571.875	37.38	-4.35	33.03	74.00	-40.97	peak	150	84	P	

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

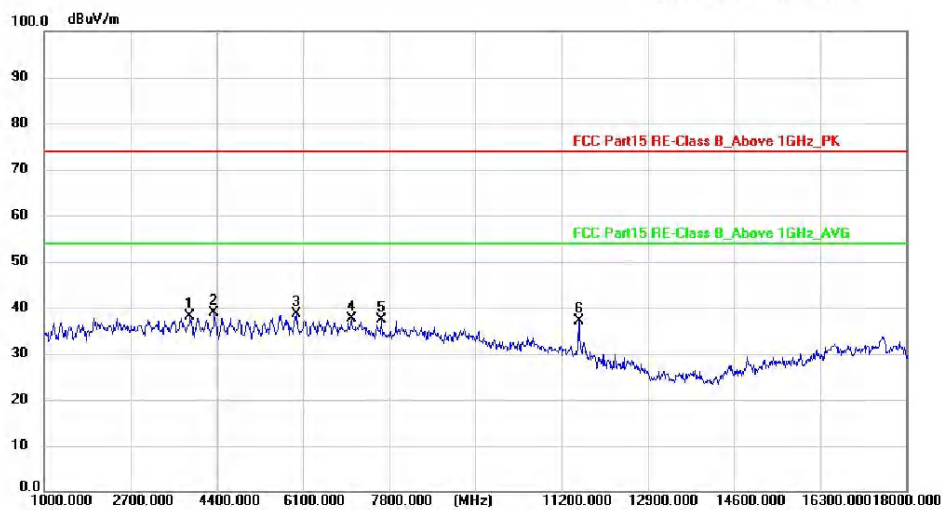


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax20 5745MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 22:10:47



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3873.000	51.59	-13.53	38.06	74.00	-35.94	peak	150	129	P	
2 *	4361.750	51.60	-12.77	38.83	74.00	-35.17	peak	150	107	P	
3	5989.500	48.15	-9.50	38.65	74.00	-35.35	peak	150	26	P	
4	7060.500	46.34	-8.83	37.51	74.00	-36.49	peak	150	321	P	
5	7655.500	46.07	-8.64	37.43	74.00	-36.57	peak	150	54	P	
6	11548.500	41.52	-4.37	37.15	74.00	-36.85	peak	150	182	P	

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

File: FCC 5\Data :#13

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Engineer Signature:



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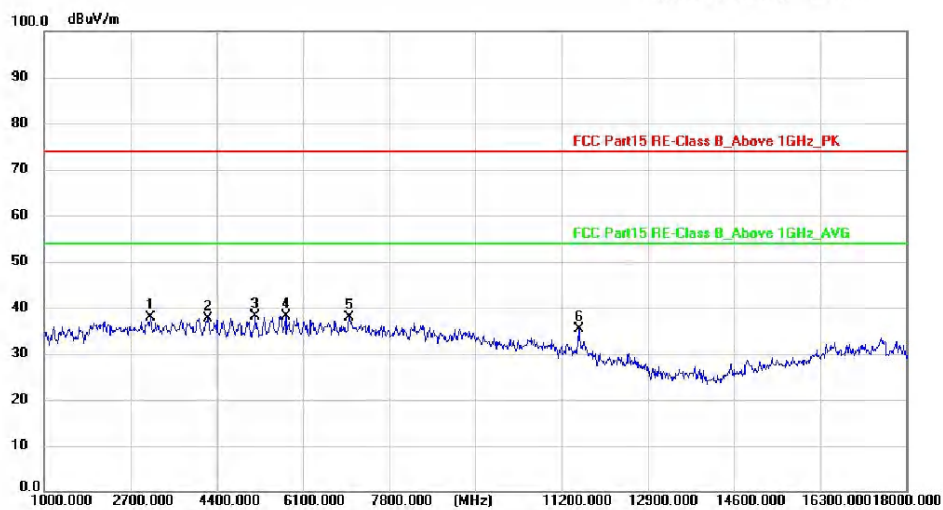
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax20 5745MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 22:15:13



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	3099.500	52.65	-14.79	37.86	74.00	-36.14	peak	150	143	P	
2	4230.000	50.67	-12.97	37.70	74.00	-36.30	peak	150	221	P	
3	5177.750	49.56	-11.40	38.16	74.00	-35.84	peak	150	10	P	
4 *	5772.750	48.26	-10.01	38.25	74.00	-35.75	peak	150	80	P	
5	7030.750	46.74	-8.84	37.90	74.00	-36.10	peak	150	64	P	
6	11542.125	39.79	-4.37	35.42	74.00	-38.58	peak	150	297	P	

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

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Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax40 5755MHz
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 22:20:22



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	4030.250	51.43	-13.27	38.16	74.00	-35.84	peak	150	134	P	
2	5012.000	49.96	-11.77	38.19	74.00	-35.81	peak	150	270	P	
3 *	5483.750	49.22	-10.67	38.55	74.00	-35.45	peak	150	249	P	
4	5983.125	47.62	-9.52	38.10	74.00	-35.90	peak	150	51	P	
5	6452.750	47.25	-9.19	38.06	74.00	-35.94	peak	150	306	P	
6	11503.875	40.59	-4.40	36.19	74.00	-37.81	peak	150	25	P	

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



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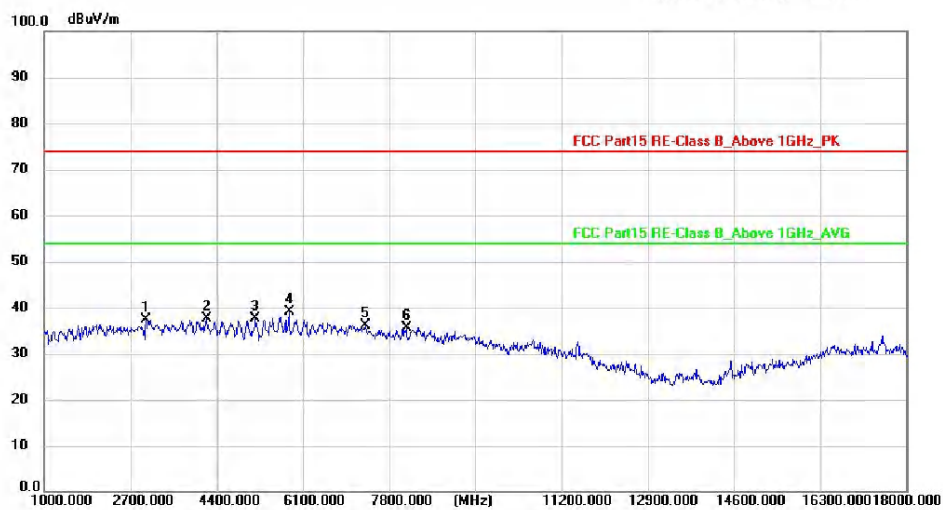
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax40 5755MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/28 22:25:46



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	3010.250	52.42	-14.94	37.48	74.00	-36.52	peak	150	140	P	
2	4198.125	50.64	-13.02	37.62	74.00	-36.38	peak	150	125	P	
3	5169.250	48.94	-11.41	37.53	74.00	-36.47	peak	150	94	P	
4 *	5828.000	48.98	-9.87	39.11	74.00	-34.89	peak	150	84	P	
5	7326.125	44.99	-8.75	36.24	74.00	-37.76	peak	150	226	P	
6	8148.500	44.03	-8.37	35.66	74.00	-38.34	peak	150	310	P	

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

File: FCC 5\Data :#16

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Engineer Signature:

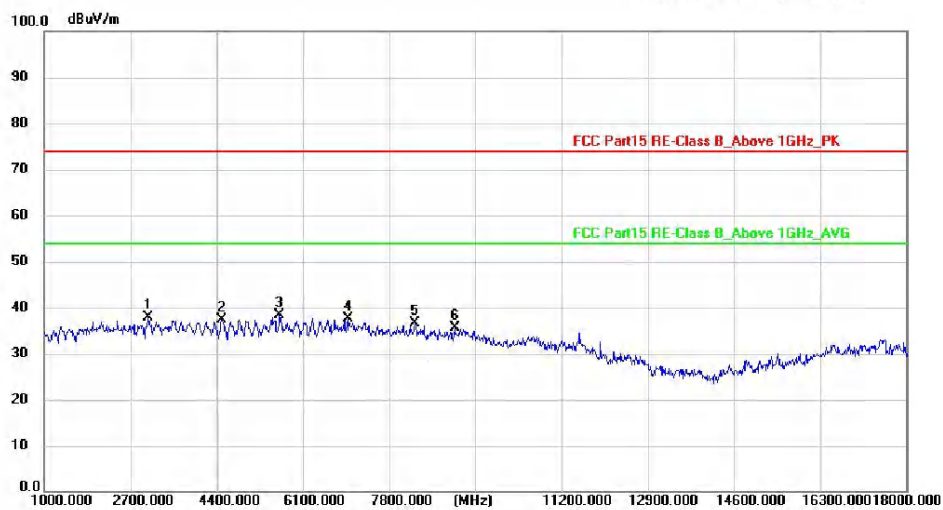


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax80 5775MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 22:30:37



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	3065.500	52.62	-14.84	37.78	74.00	-36.22	peak	150	41	P	
2	4506.250	49.97	-12.56	37.41	74.00	-36.59	peak	150	36	P	
3 *	5649.500	48.65	-10.31	38.34	74.00	-35.66	peak	150	209	P	
4	7011.625	46.48	-8.85	37.63	74.00	-36.37	peak	150	57	P	
5	8314.250	44.85	-8.17	36.68	74.00	-37.32	peak	150	81	P	
6	9102.625	42.81	-7.29	35.52	74.00	-38.48	peak	150	45	P	

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

File: FCC 5\Data :#17

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Engineer Signature:

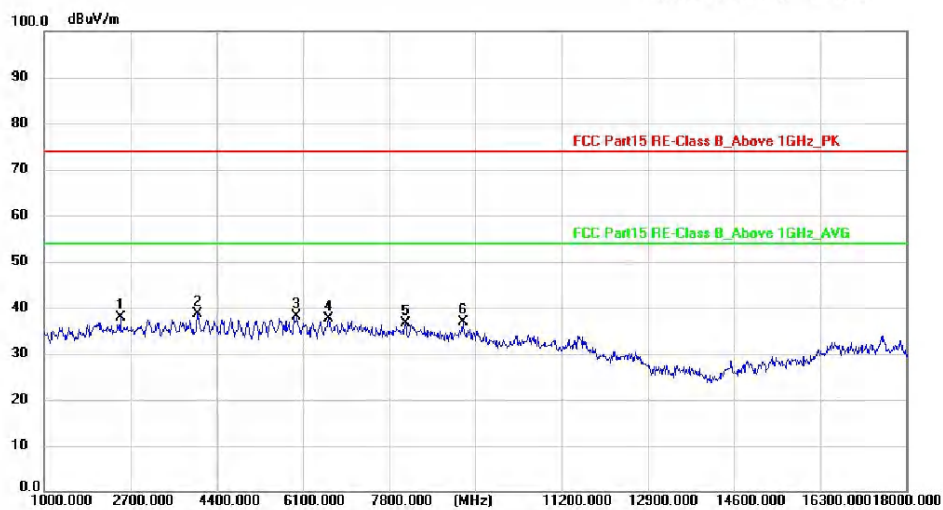


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 24 °C
EUT: Smart Dock Distance: 3m Humidity: 56 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: ax80 5775MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2025/6/28 22:35:08



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	2510.875	53.39	-15.55	37.84	74.00	-36.16	peak	150	113	P	
2 *	4028.125	51.91	-13.28	38.63	74.00	-35.37	peak	150	164	P	
3	5993.750	47.72	-9.49	38.23	74.00	-35.77	peak	150	25	P	
4	6610.000	46.62	-9.10	37.52	74.00	-36.48	peak	150	94	P	
5	8125.125	45.11	-8.40	36.71	74.00	-37.29	peak	150	117	P	
6	9274.750	43.92	-7.08	36.84	74.00	-37.16	peak	150	230	P	

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

Appendix A.4: Test Results of Radiated Emissions in Restricted Bands, 5.8GHz Wi-Fi

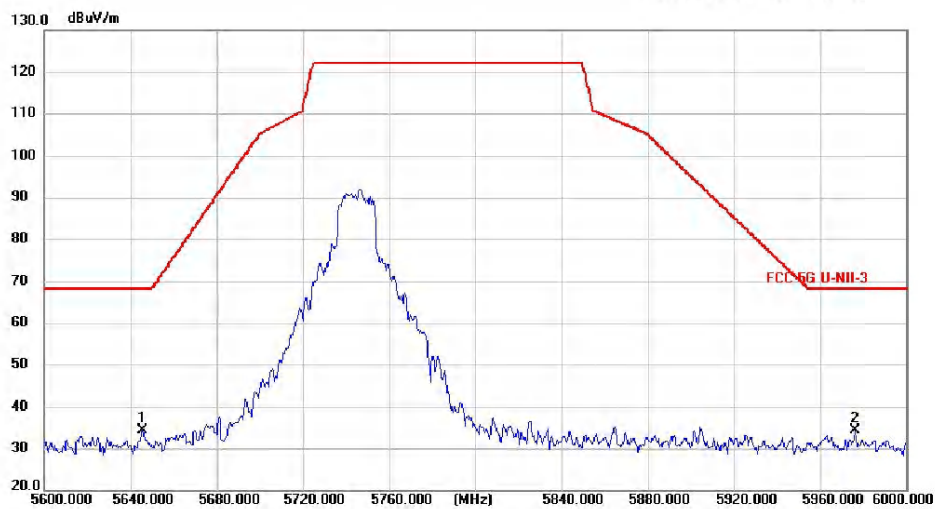


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 24 °C
EUT: Smart Dock	Distance: 3m	Humidity: 56 %RH
M/N: FreeScan Omni Dock	Test Engineer: Felix	
Test Mode: a 5745MHz		
Test Voltage: AC 120V/60Hz		
Note:		

Radiated Emission Measurement

Test Date: 2025/6/29 9:00:48



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 *	5645.650	50.85	-16.32	34.53	68.20	-33.67	peak	150	316	P	
2	5976.350	49.98	-15.56	34.42	68.20	-33.78	peak	150	229	P	

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



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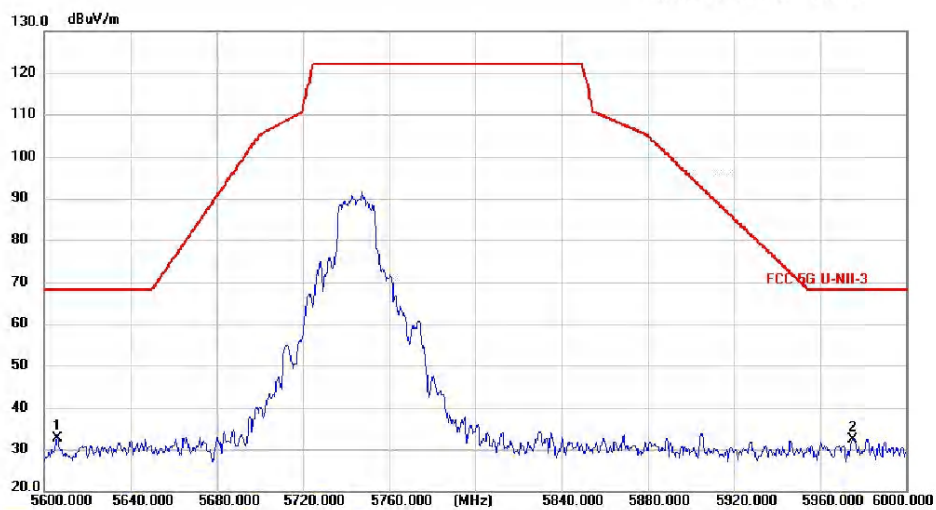
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: a 5745MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:05:05



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 *	5606.300	49.21	-16.41	32.80	68.20	-35.40	peak	150	217	P	
2	5975.450	48.08	-15.56	32.52	68.20	-35.68	peak	150	45	P	

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

File: FCC 5\Data :#2

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Engineer Signature:



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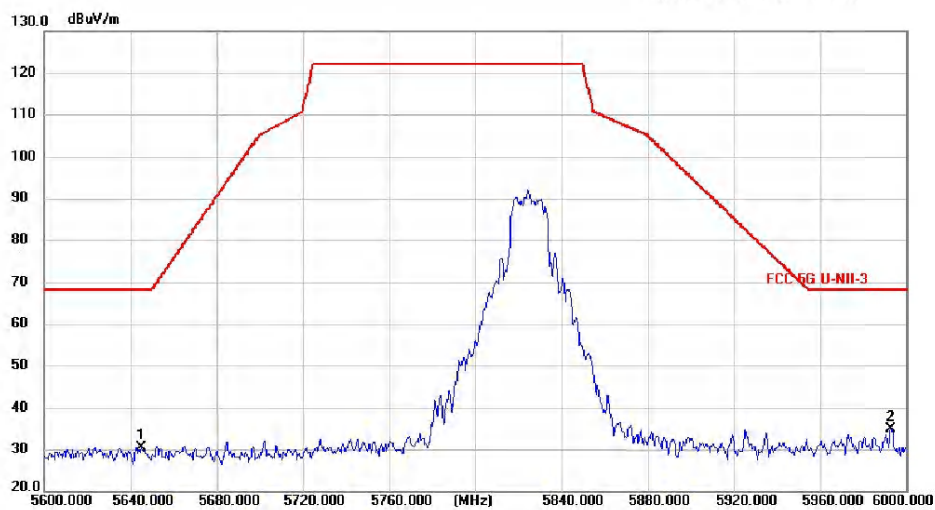
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: a 5825MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:10:32



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	5645.250	46.94	-16.32	30.62	68.20	-37.58	peak	150	16	P	
2 *	5993.100	50.60	-15.51	35.09	68.20	-33.11	peak	150	294	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:



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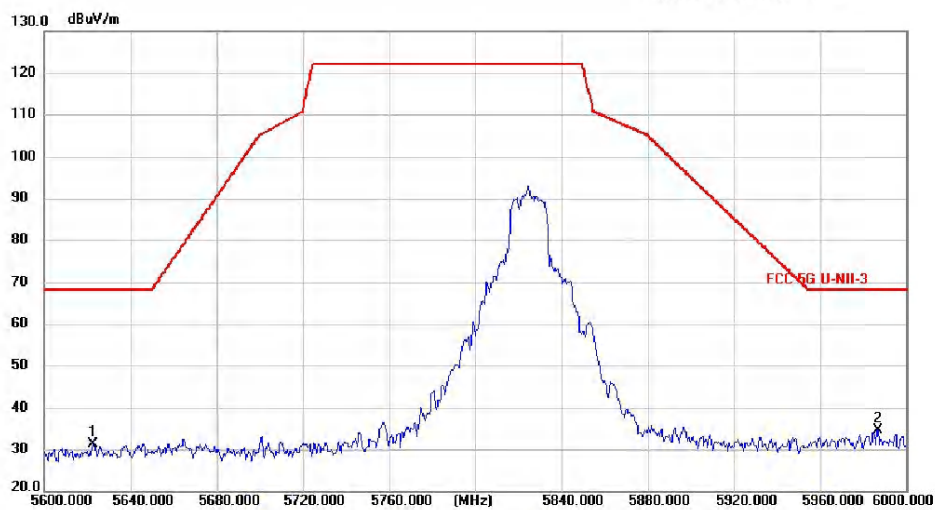
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: a 5825MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:15:41



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	5622.800	47.90	-16.36	31.54	68.20	-36.66	peak	150	7	P	
2 *	5986.800	50.23	-15.53	34.70	68.20	-33.50	peak	150	120	P	

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

File: FCC 5\Data :#4

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Engineer Signature:



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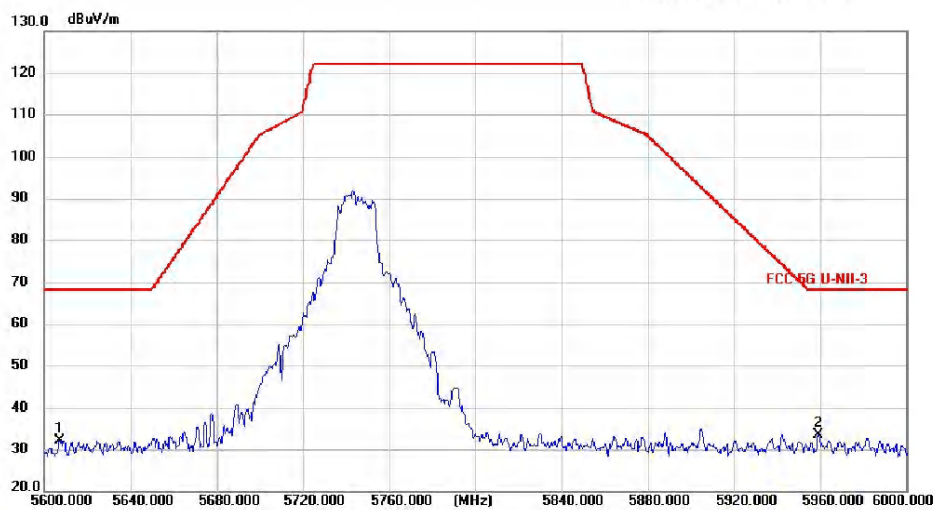
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5745MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:20:01



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	5607.350	48.72	-16.40	32.32	68.20	-35.88	peak	150	55	P	
2 *	5959.300	49.07	-15.59	33.48	68.20	-34.72	peak	150	320	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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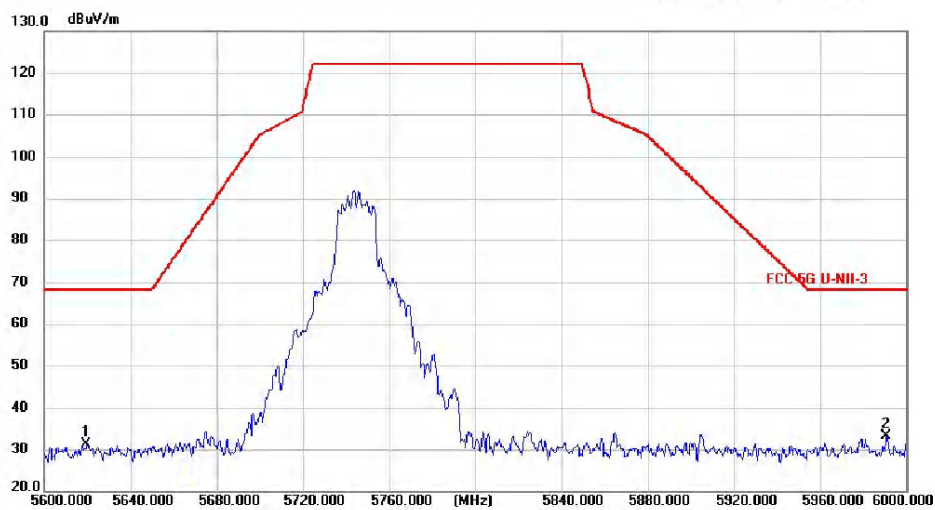
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5745MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:25:36



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	5619.950	47.71	-16.37	31.34	68.20	-36.86	peak	150	164	P	
2 *	5991.000	48.83	-15.52	33.31	68.20	-34.89	peak	150	228	P	

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

File: FCC 5\Data :#6

Page: 1

Engineer Signature:



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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

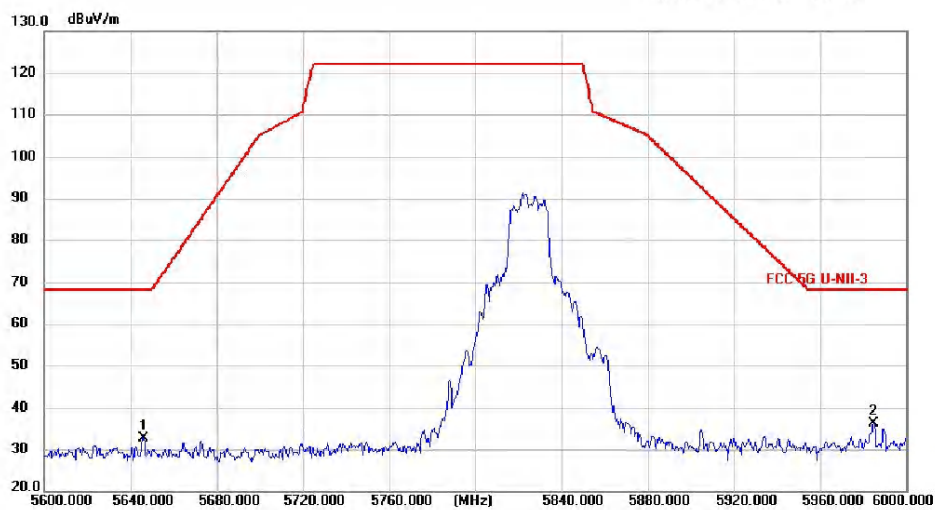
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5825MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:30:37



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	5646.100	49.18	-16.32	32.86	68.20	-35.34	peak	150	177	P	
2 *	5985.000	51.93	-15.53	36.40	68.20	-31.80	peak	150	360	P	

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

File: FCC 5\Data :#7

Page: 1

Engineer Signature:



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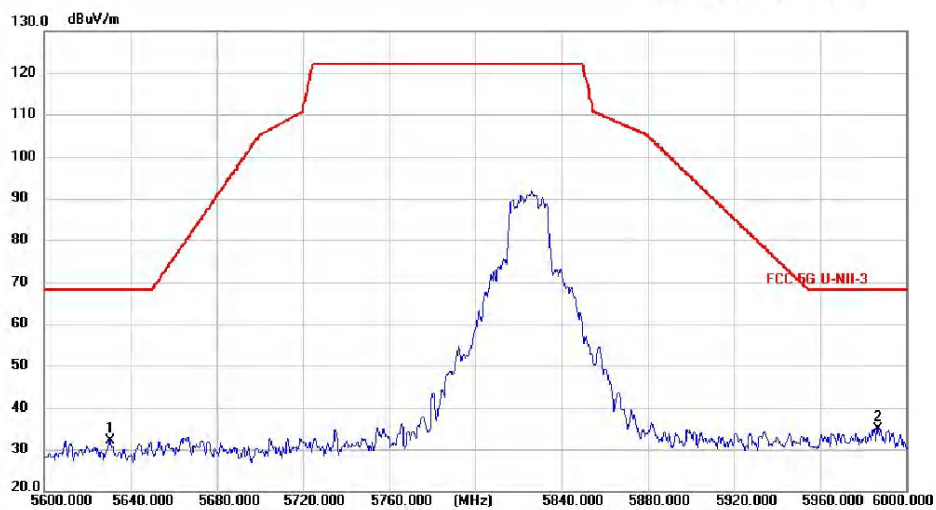
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n20 5825MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:35:47



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5630.550	48.72	-16.35	32.37	68.20	-35.83	peak	150	169	P	
2 *	5986.800	50.60	-15.53	35.07	68.20	-33.13	peak	150	207	P	

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



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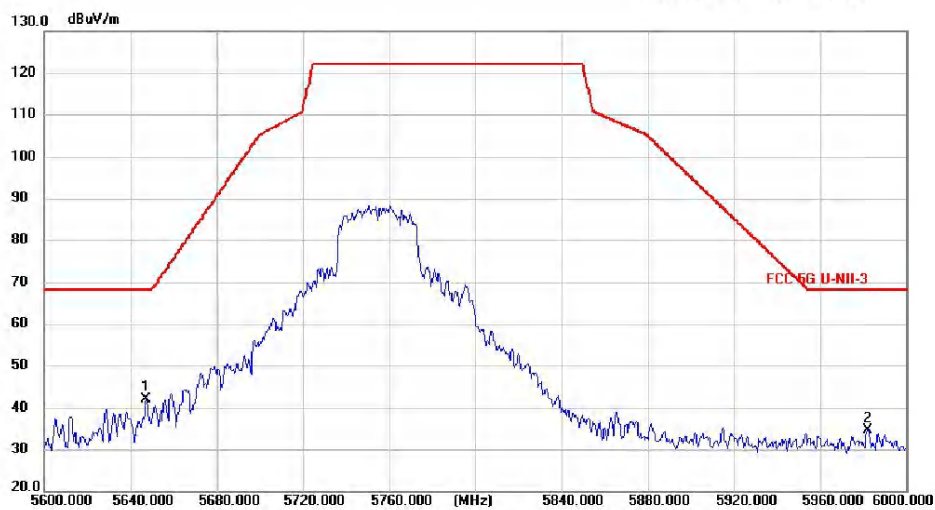
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n40 5755MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:40:59



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 *	5647.450	58.40	-16.32	42.08	68.20	-26.12	peak	150	50	P	
2	5982.200	50.37	-15.54	34.83	68.20	-33.37	peak	150	139	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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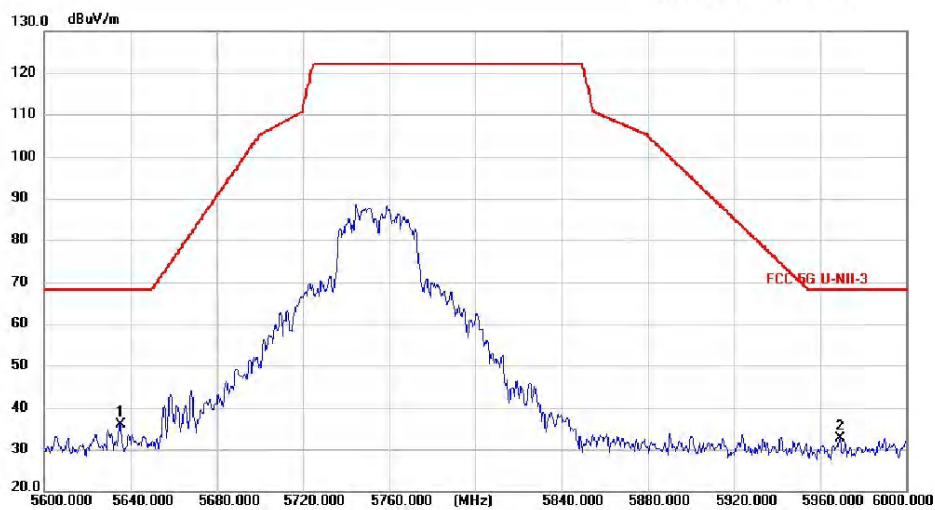
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n40 5755MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:45:08



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 *	5635.250	52.48	-16.34	36.14	68.20	-32.06	peak	150	331	P	
2	5969.200	48.25	-15.57	32.68	68.20	-35.52	peak	150	185	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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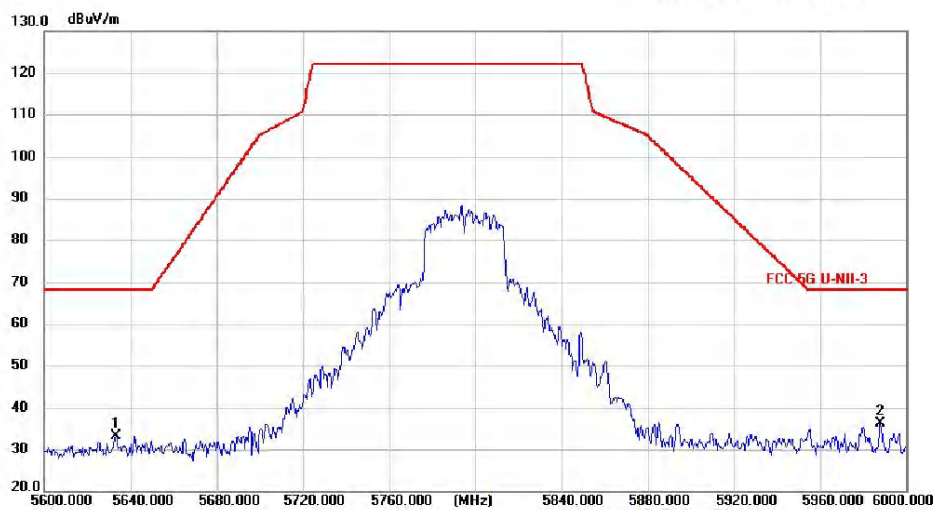
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n40 5795MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:50:16



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	5633.400	49.72	-16.35	33.37	68.20	-34.83	peak	150	246	P	
2 *	5988.000	51.83	-15.53	36.30	68.20	-31.90	peak	150	310	P	

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



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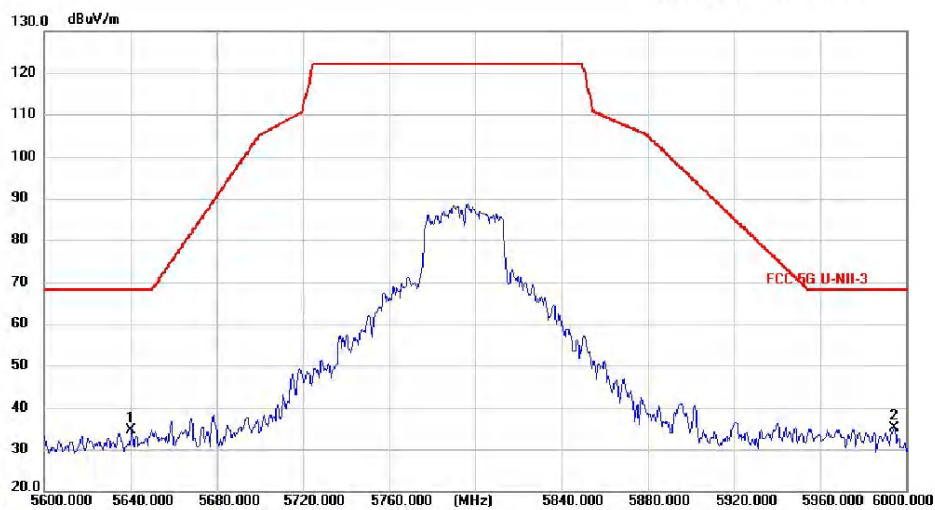
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: n40 5795MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 9:55:00



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	5640.750	51.16	-16.33	34.83	68.20	-33.37	peak	150	195	P	
2 *	5994.550	50.83	-15.51	35.32	68.20	-32.88	peak	150	84	P	

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



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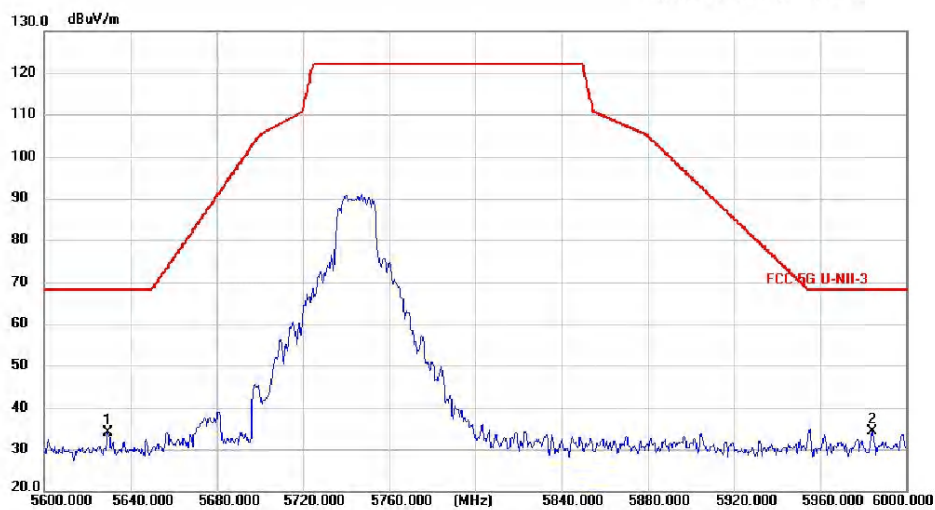
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5745MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:00:59



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	5629.700	50.58	-16.35	34.23	68.20	-33.97	peak	150	199	P	
2 *	5984.300	49.87	-15.53	34.34	68.20	-33.86	peak	150	320	P	

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

File: FCC 5\Data :#13

Page: 1

Engineer Signature:



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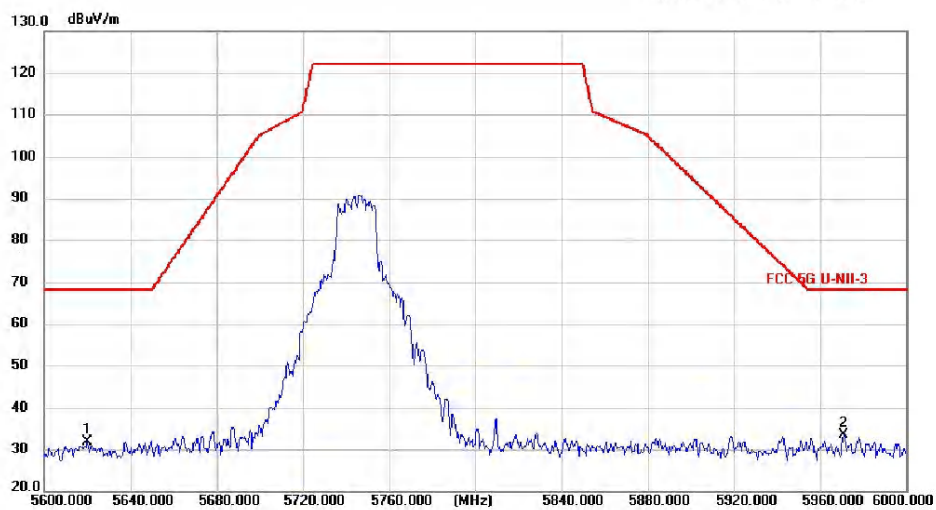
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5745MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:05:20



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	5620.000	48.35	-16.37	31.98	68.20	-36.22	peak	150	140	P	
2 *	5971.150	49.13	-15.57	33.56	68.20	-34.64	peak	150	188	P	

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

File: FCC 5\Data :#14

Page: 1

Engineer Signature:



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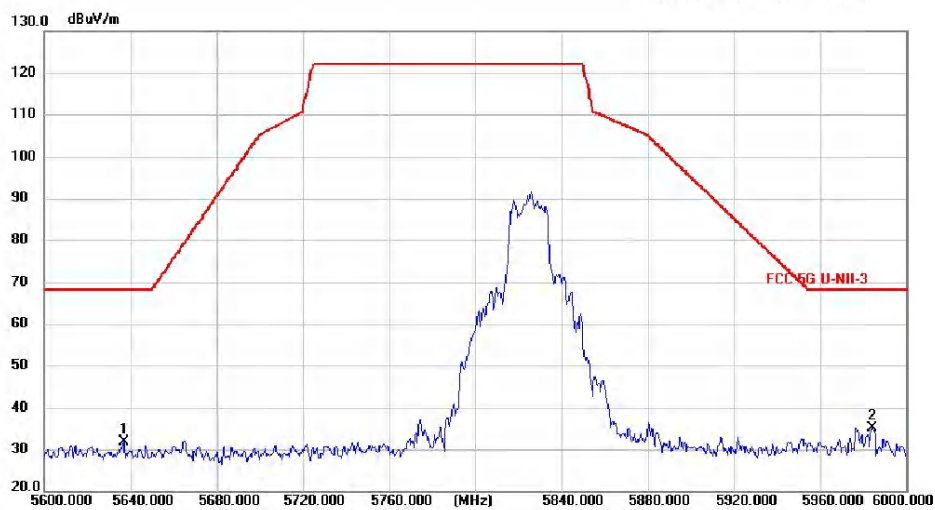
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5825MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:10:22



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	5636.800	48.20	-16.33	31.87	68.20	-36.33	peak	150	133	P	
2 *	5984.150	50.81	-15.53	35.28	68.20	-32.92	peak	150	95	P	

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

File: FCC 5\Data :#15

Page: 1

Engineer Signature:

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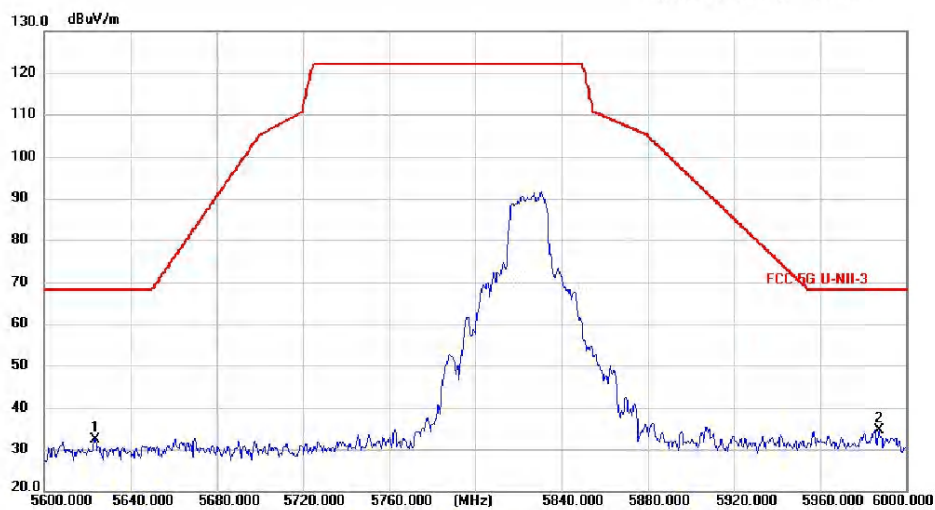
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac20 5825MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:15:47



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5623.600	48.89	-16.36	32.53	68.20	-35.67	peak	150	112	P	
2 *	5987.350	50.20	-15.53	34.67	68.20	-33.53	peak	150	94	P	

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

File: FCC 5/Data :#16

Page: 1

Engineer Signature:



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

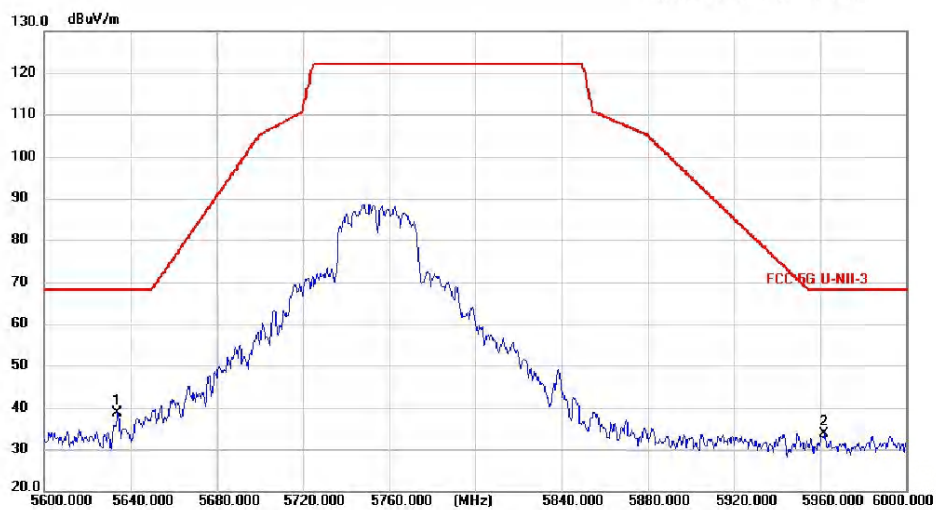
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac40 5755MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:20:26



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 *	5634.300	55.15	-16.35	38.80	68.20	-29.40	peak	150	120	P	
2	5962.300	49.41	-15.59	33.82	68.20	-34.38	peak	150	64	P	

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

File: FCC 5/Data :#17

Page: 1

Engineer Signature:



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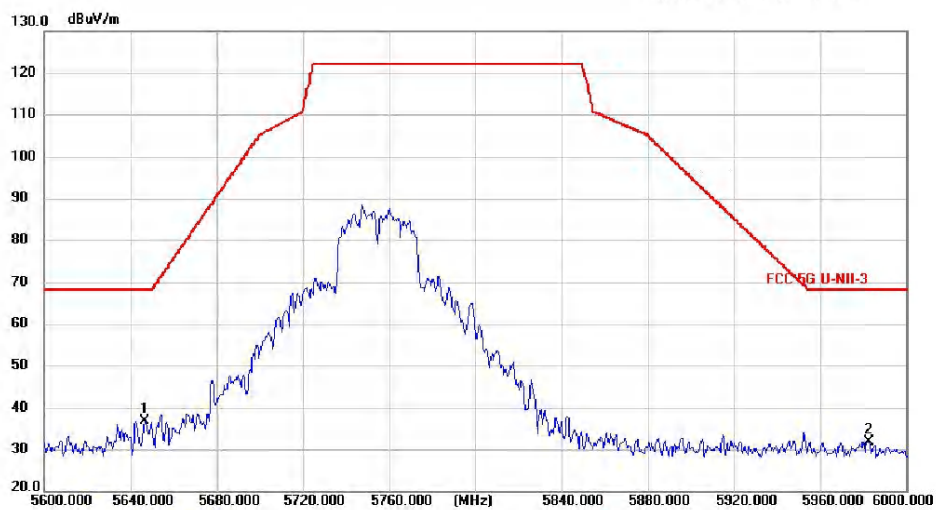
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac40 5755MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:25:49



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 *	5646.900	53.17	-16.32	36.85	68.20	-31.35	peak	150	154	P	
2	5982.700	47.53	-15.54	31.99	68.20	-36.21	peak	150	88	P	

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



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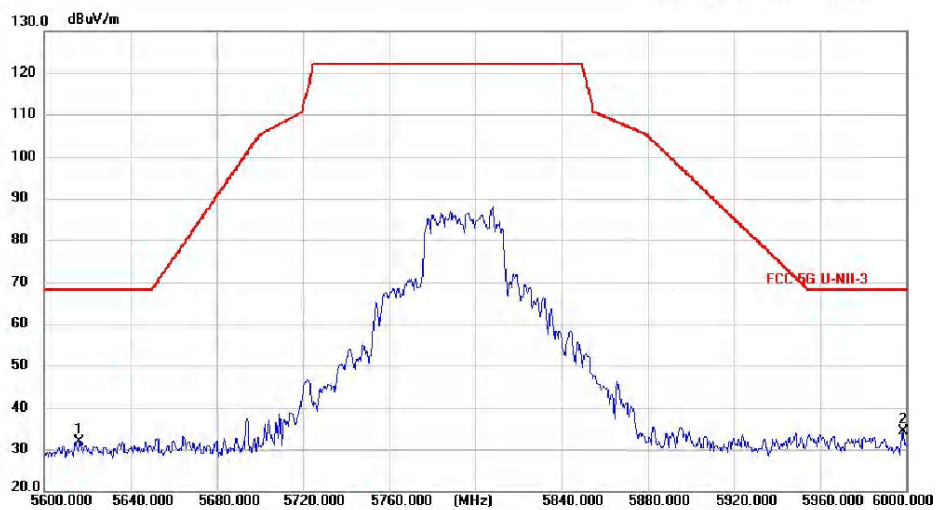
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac40 5795MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:30:09



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	5616.700	48.41	-16.39	32.02	68.20	-36.18	peak	150	127	P	
2 *	5998.600	49.98	-15.50	34.48	68.20	-33.72	peak	150	64	P	

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



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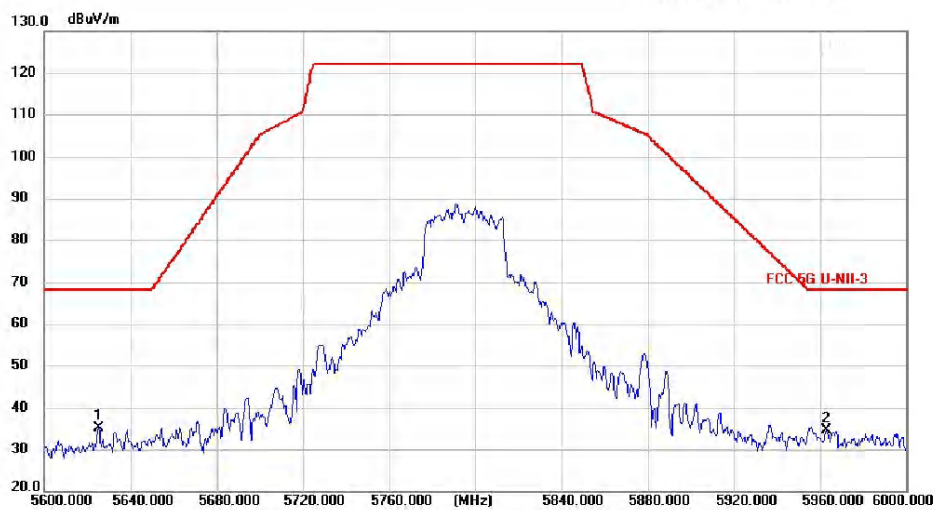
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac40 5795MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:35:15



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 *	5625.350	51.62	-16.36	35.26	68.20	-32.94	peak	150	329	P	
2	5962.950	50.31	-15.59	34.72	68.20	-33.48	peak	150	120	P	

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

File: FCC 5\Data :#20

Page: 1

Engineer Signature:



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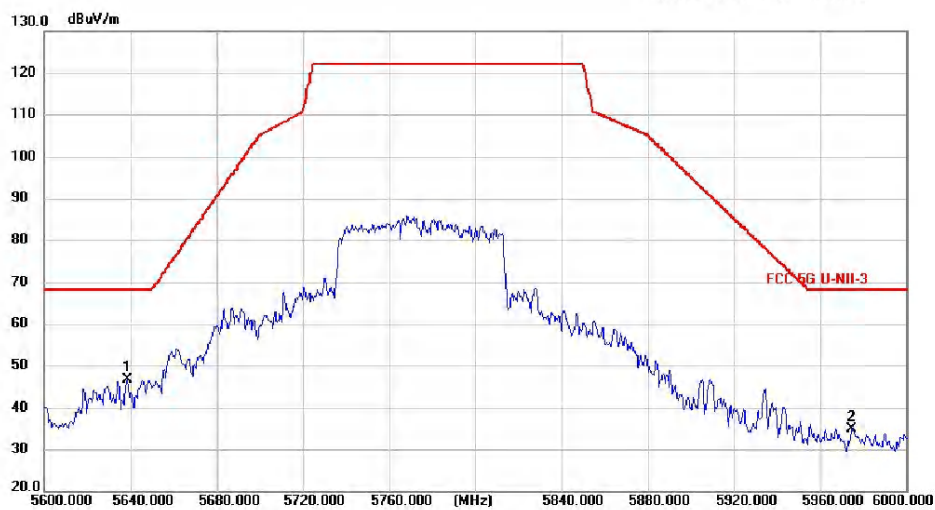
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac80 5775MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:40:03



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 *	5638.650	63.07	-16.33	46.74	68.20	-21.46	peak	150	163	P	
2	5975.150	50.67	-15.56	35.11	68.20	-33.09	peak	150	225	P	

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

File: FCC 5\Data :#21

Page: 1

Engineer Signature:



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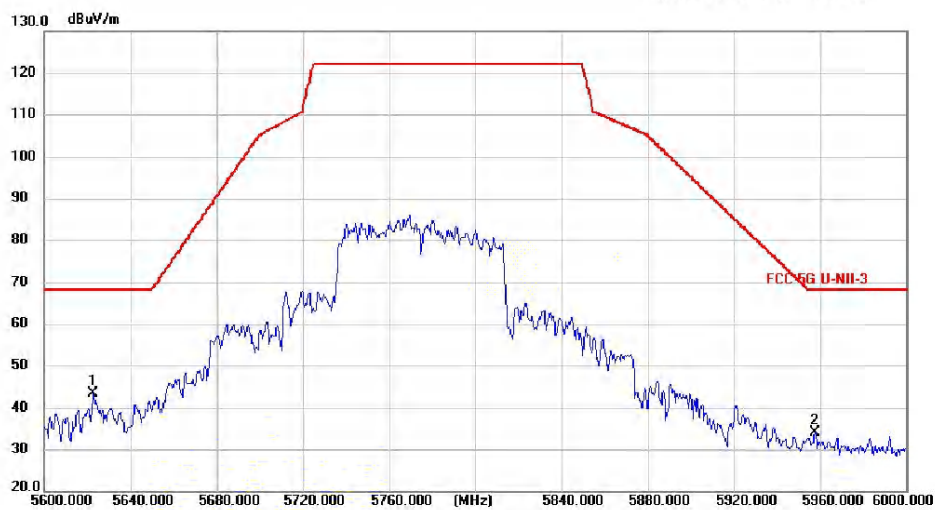
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ac80 5775MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:45:08



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 *	5623.050	59.89	-16.36	43.53	68.20	-24.67	peak	150	162	P	
2	5957.950	49.69	-15.59	34.10	68.20	-34.10	peak	150	348	P	

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

File: FCC 5/Data :#22

Page: 1

Engineer Signature:



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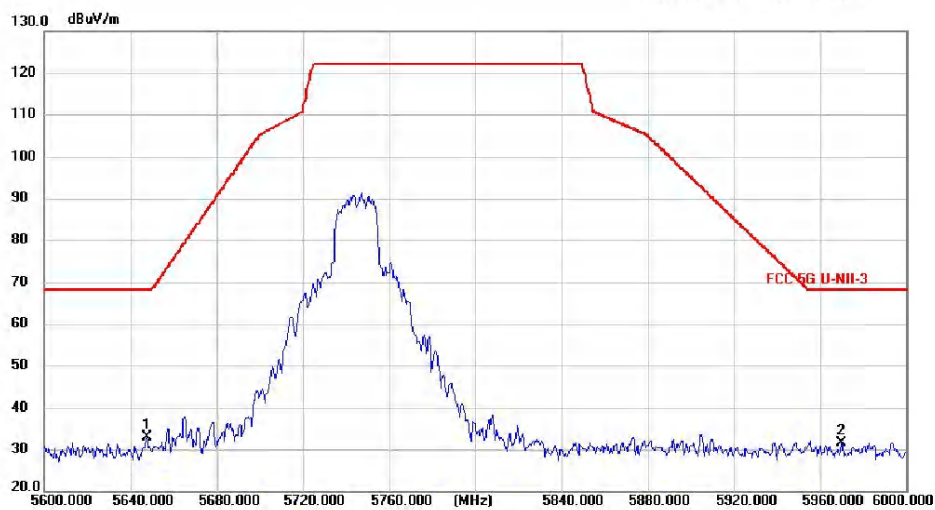
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax20 5745MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:50:48



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 *	5647.750	49.46	-16.32	33.14	68.20	-35.06	peak	150	160	P	
2	5970.100	47.39	-15.57	31.82	68.20	-36.38	peak	150	249	P	

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

File: FCC 5\Data :#23

Page: 1

Engineer Signature:



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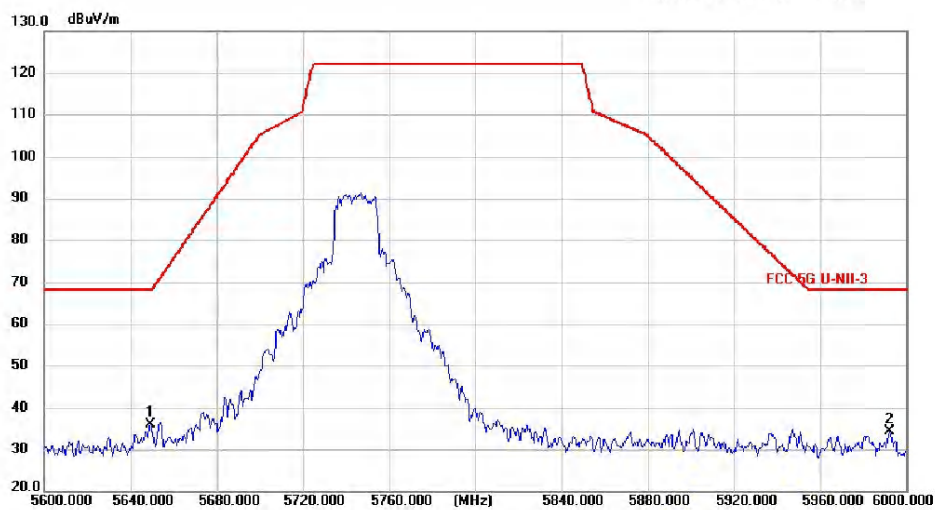
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax20 5745MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 10:55:53



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 *	5649.450	52.35	-16.32	36.03	68.20	-32.17	peak	150	174	P	
2	5992.450	49.90	-15.52	34.38	68.20	-33.82	peak	150	248	P	

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



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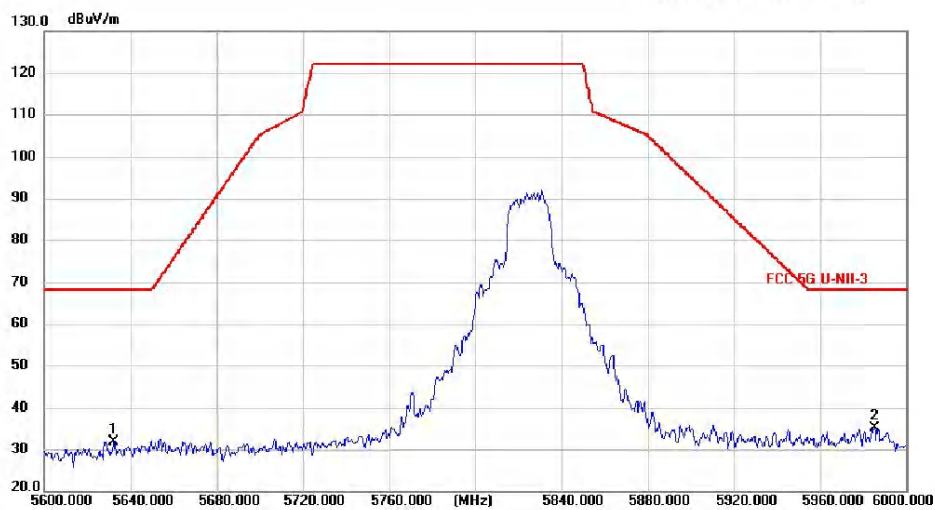
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax20 5825MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 11:00:04



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	5632.600	48.33	-16.35	31.98	68.20	-36.22	peak	150	190	P	
2 *	5985.250	50.66	-15.53	35.13	68.20	-33.07	peak	150	288	P	

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

File: FCC 5\Data :#25

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Engineer Signature:



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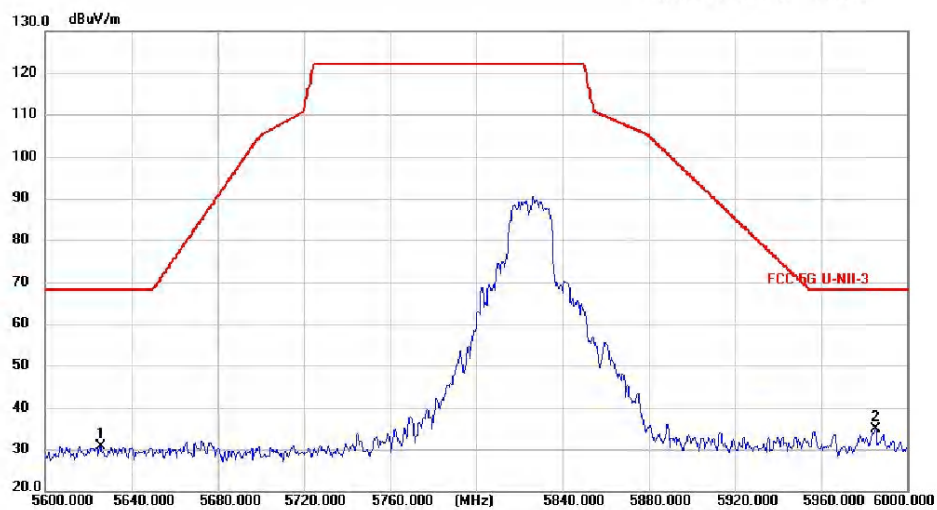
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax20 5825MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 11:05:00



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	5625.650	47.25	-16.36	30.89	68.20	-37.31	peak	150	160	P	
2 *	5985.500	50.60	-15.53	35.07	68.20	-33.13	peak	150	241	P	

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



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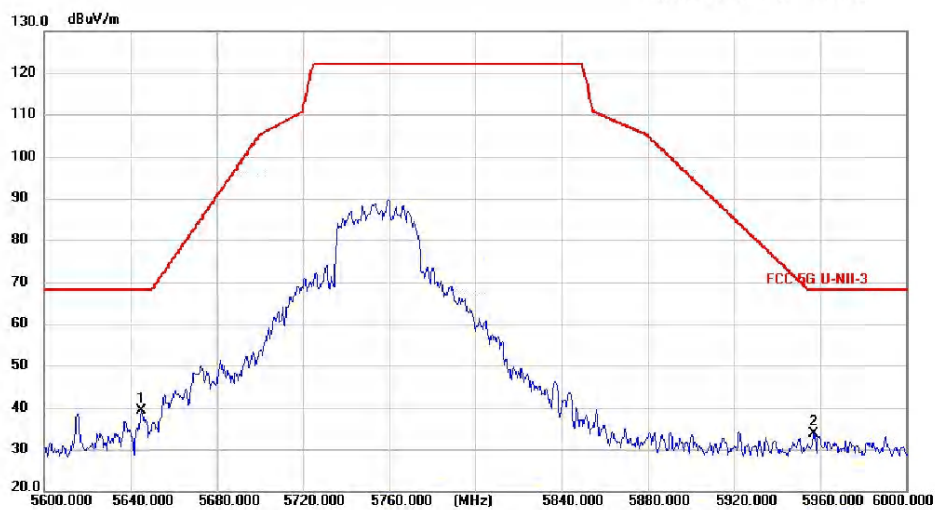
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax40 5755MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 11:10:06



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 *	5645.300	55.65	-16.32	39.33	68.20	-28.87	peak	150	130	P	
2	5957.350	49.54	-15.60	33.94	68.20	-34.26	peak	150	229	P	

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

File: FCC 5\Data :#27

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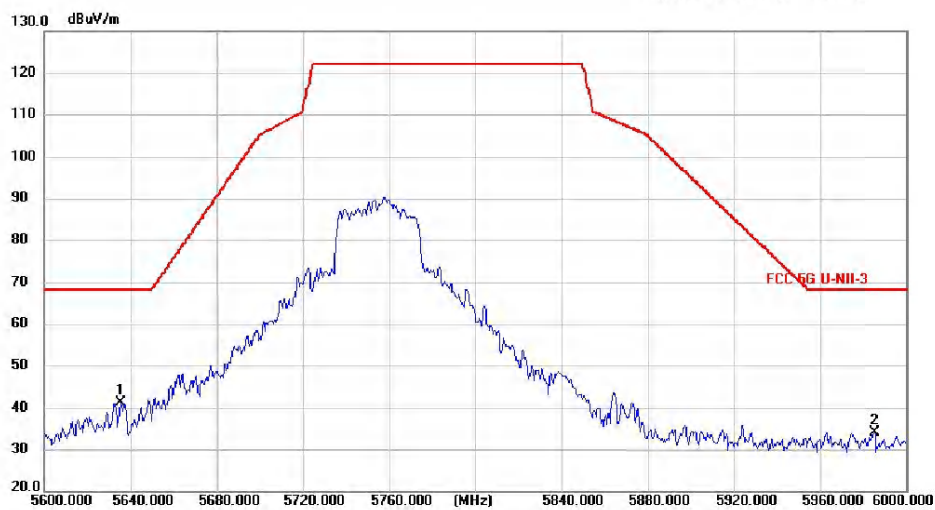
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax40 5755MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 11:15:23



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 *	5635.700	57.70	-16.33	41.37	68.20	-26.83	peak	150	184	P	
2	5985.400	49.70	-15.53	34.17	68.20	-34.03	peak	150	135	P	

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

File: FCC 5\Data :#28

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Engineer Signature:



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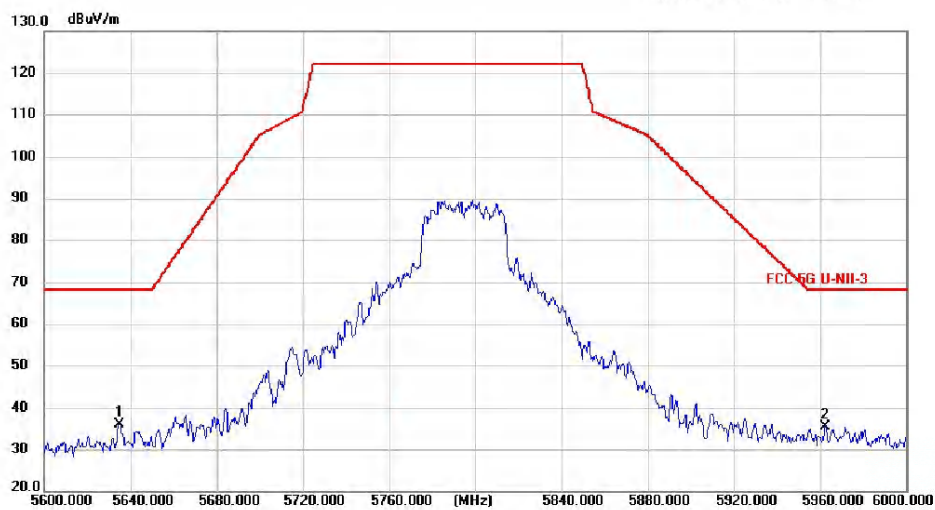
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax40 5795MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 11:20:10



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 *	5634.950	52.50	-16.34	36.16	68.20	-32.04	peak	150	261	P	
2	5962.500	51.18	-15.59	35.59	68.20	-32.61	peak	150	49	P	

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



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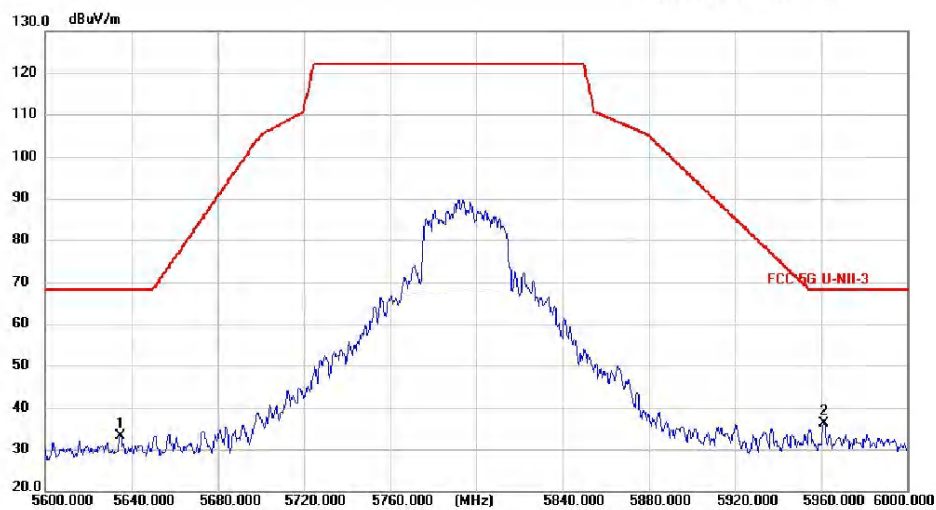
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax40 5795MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 11:25:17



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	5635.050	49.73	-16.34	33.39	68.20	-34.81	peak	150	130	P	
2 *	5961.500	51.87	-15.59	36.28	68.20	-31.92	peak	150	62	P	

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



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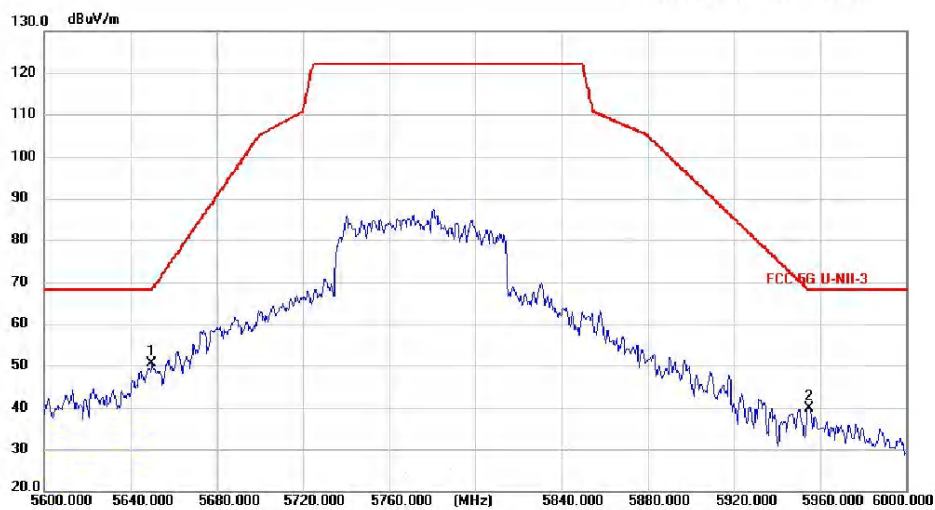
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax80 5775MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 11:30:24



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 *	5650.350	66.84	-16.29	50.55	68.46	-17.91	peak	150	310	P	
2	5954.800	55.62	-15.60	40.02	68.30	-28.28	peak	150	294	P	

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

File: FCC 5/Data :#31

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Engineer Signature:



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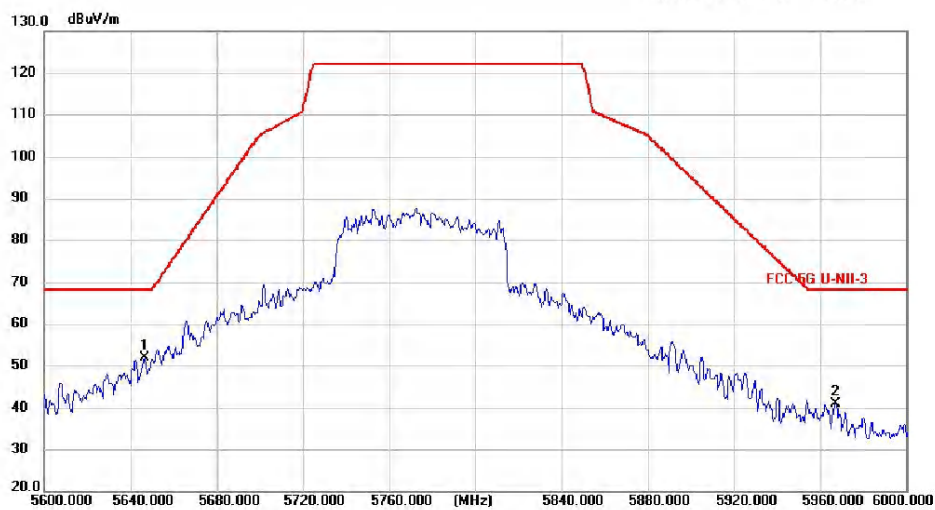
Test Site: PSI EMC Lab-3m Chamber
EUT: Smart Dock
M/N: FreeScan Omni Dock
Test Mode: ax80 5775MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2025/6/29 11:35:24



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 *	5646.600	68.24	-16.32	51.92	68.20	-16.28	peak	150	184	P	
2	5967.350	56.59	-15.57	41.02	68.20	-27.18	peak	150	51	P	

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

File: FCC 5\Data :#32

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Engineer Signature:

Appendix A.5: Test Results of Conducted Emission on AC Mains

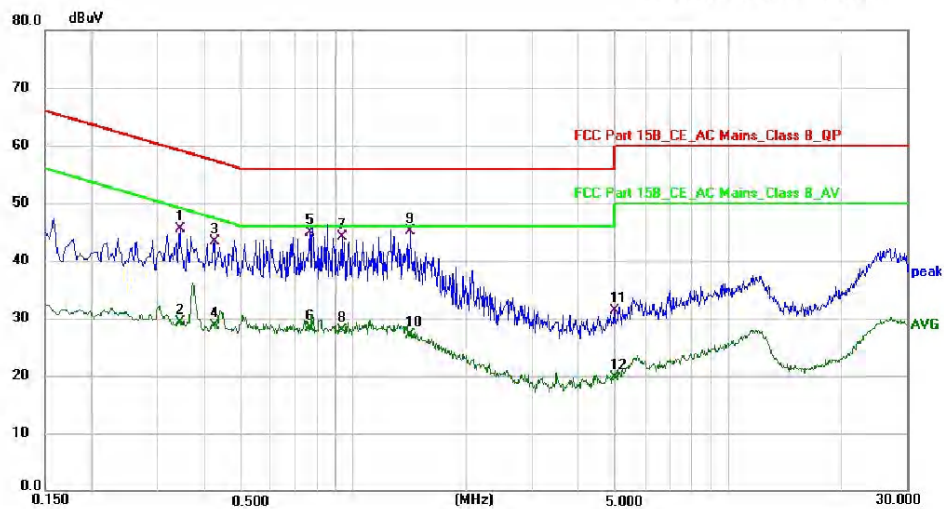


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Test Site: PSI EMC Lab-Shielded Room Phase: **N** Temperature: 26 °C
EUT: Smart Dock Humidity: 54 %RH
M/N: FreeScan Omni Dock Test Engineer: Felix
Test Mode: WIFI Link(Part15E)
Test Voltage: AC 120V/60Hz
Note:

Conducted Emission Measurement

Test Date: 2025/6/17 19:59:14



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.3420	35.69	9.83	45.52	59.15	-13.63	QP	P	
2	0.3420	19.39	9.83	29.22	49.15	-19.93	AVG	P	
3	0.4220	33.61	9.68	43.29	57.41	-14.12	QP	P	
4	0.4220	18.93	9.68	28.61	47.41	-18.80	AVG	P	
5	0.7660	35.55	9.43	44.98	56.00	-11.02	QP	P	
6	0.7660	18.94	9.43	28.37	46.00	-17.63	AVG	P	
7	0.9300	34.72	9.41	44.13	56.00	-11.87	QP	P	
8	0.9300	18.58	9.41	27.99	46.00	-18.01	AVG	P	
9 *	1.4180	35.67	9.40	45.07	56.00	-10.93	QP	P	
10	1.4180	17.75	9.40	27.15	46.00	-18.85	AVG	P	
11	4.9780	21.91	9.41	31.32	56.00	-24.68	QP	P	
12	4.9780	10.24	9.41	19.65	46.00	-26.35	AVG	P	

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

File: CE\Data :#17

Page: 1

Engineer Signature:



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

Test Site: PSI EMC Lab-Shielded Room

Phase: **L1**

Temperature: 26 °C

EUT: Smart Dock

Humidity: 54 %RH

M/N: FreeScan Omni Dock

Test Engineer: Felix

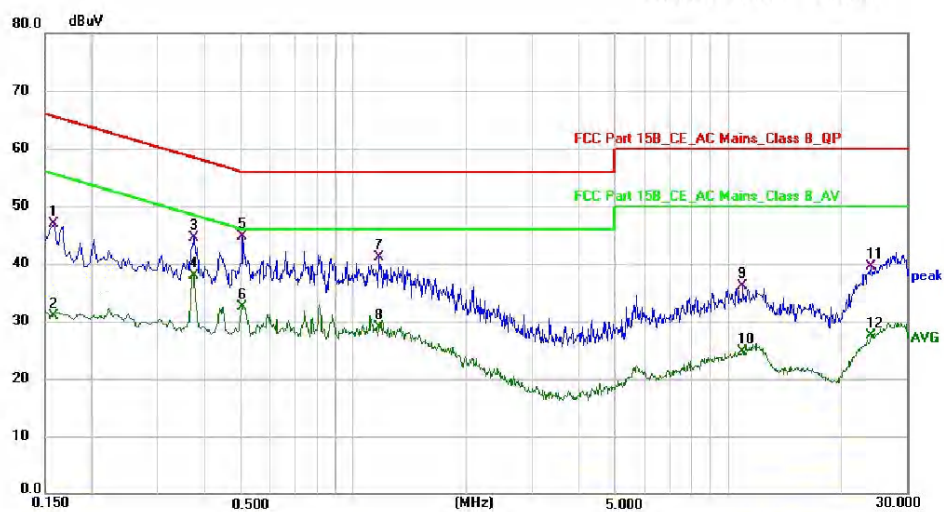
Test Mode: WIFI Link(Part15E)

Test Voltage: AC 120V/60Hz

Note:

Conducted Emission Measurement

Test Date: 2025/6/17 20:00:48



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1580	37.05	9.94	46.99	65.57	-18.58	QP	P	
2	0.1580	21.05	9.94	30.99	55.57	-24.58	AVG	P	
3	0.3740	34.73	9.72	44.45	58.41	-13.96	QP	P	
4 *	0.3740	28.13	9.72	37.85	48.41	-10.56	AVG	P	
5	0.5060	34.78	9.90	44.68	56.00	-11.32	QP	P	
6	0.5060	22.55	9.90	32.45	46.00	-13.55	AVG	P	
7	1.1700	31.77	9.41	41.18	56.00	-14.82	QP	P	
8	1.1700	19.55	9.41	28.96	46.00	-17.04	AVG	P	
9	10.9580	26.59	9.54	36.13	60.00	-23.87	QP	P	
10	10.9580	15.18	9.54	24.72	50.00	-25.28	AVG	P	
11	24.0900	29.15	10.42	39.57	60.00	-20.43	QP	P	
12	24.0900	17.03	10.42	27.45	50.00	-22.55	AVG	P	

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

File: CE\Data :#18

Page: 1

Engineer Signature: