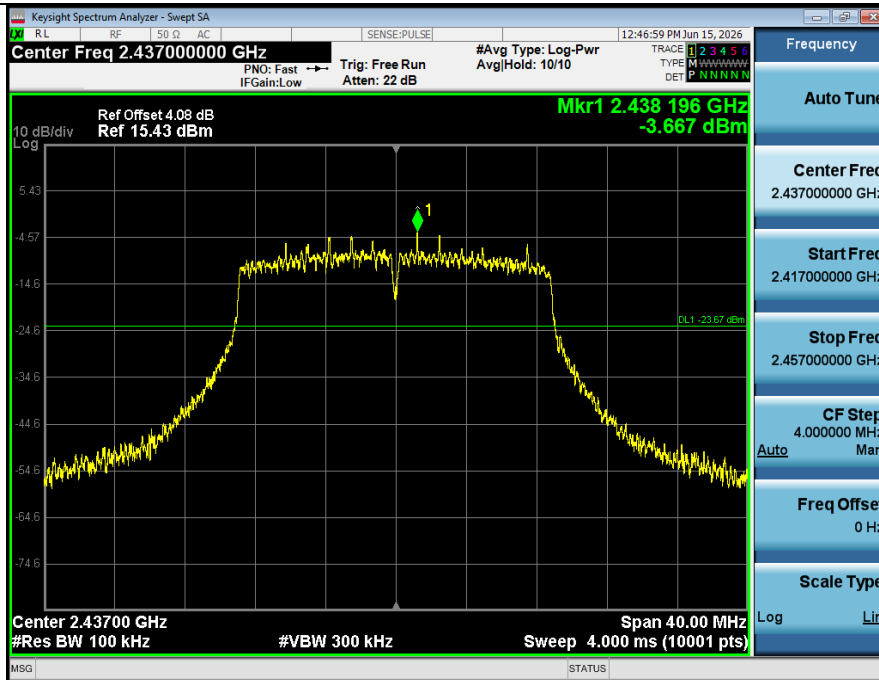
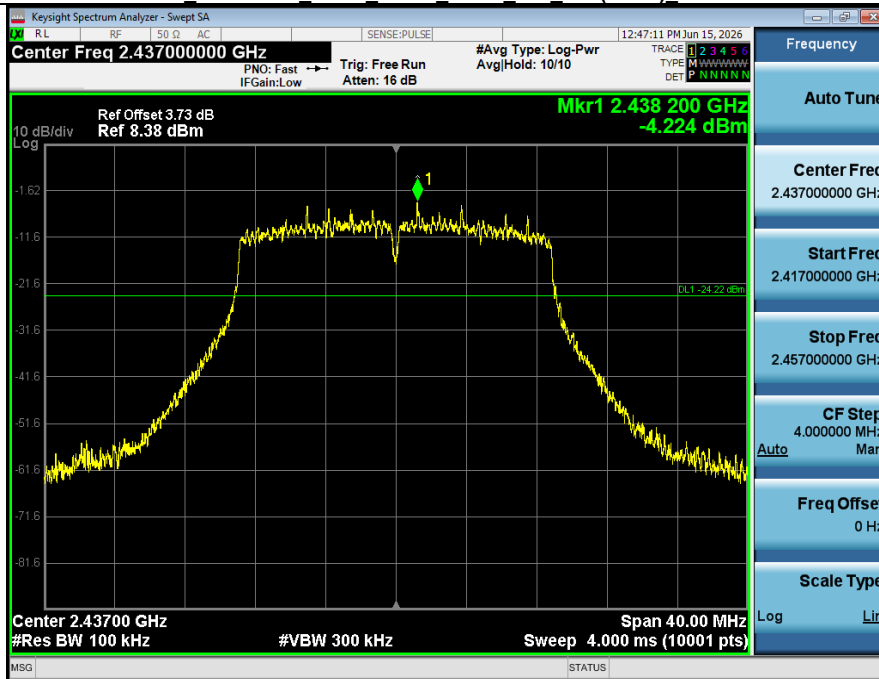
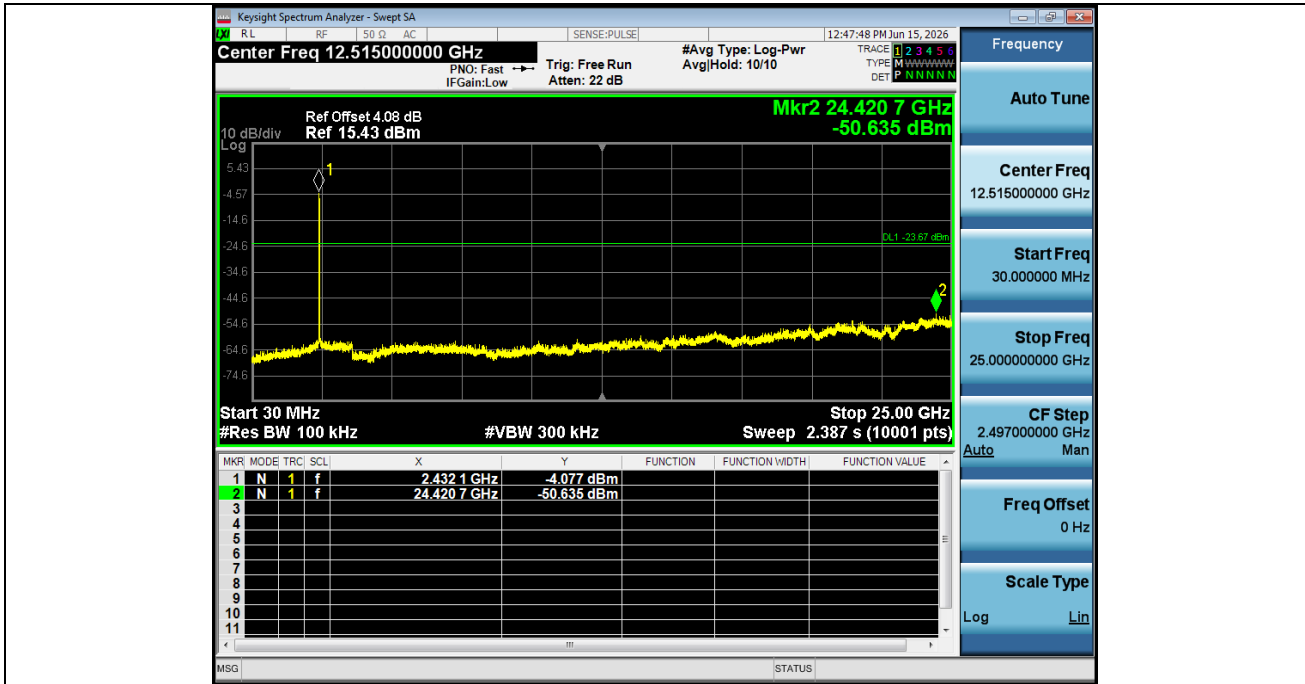




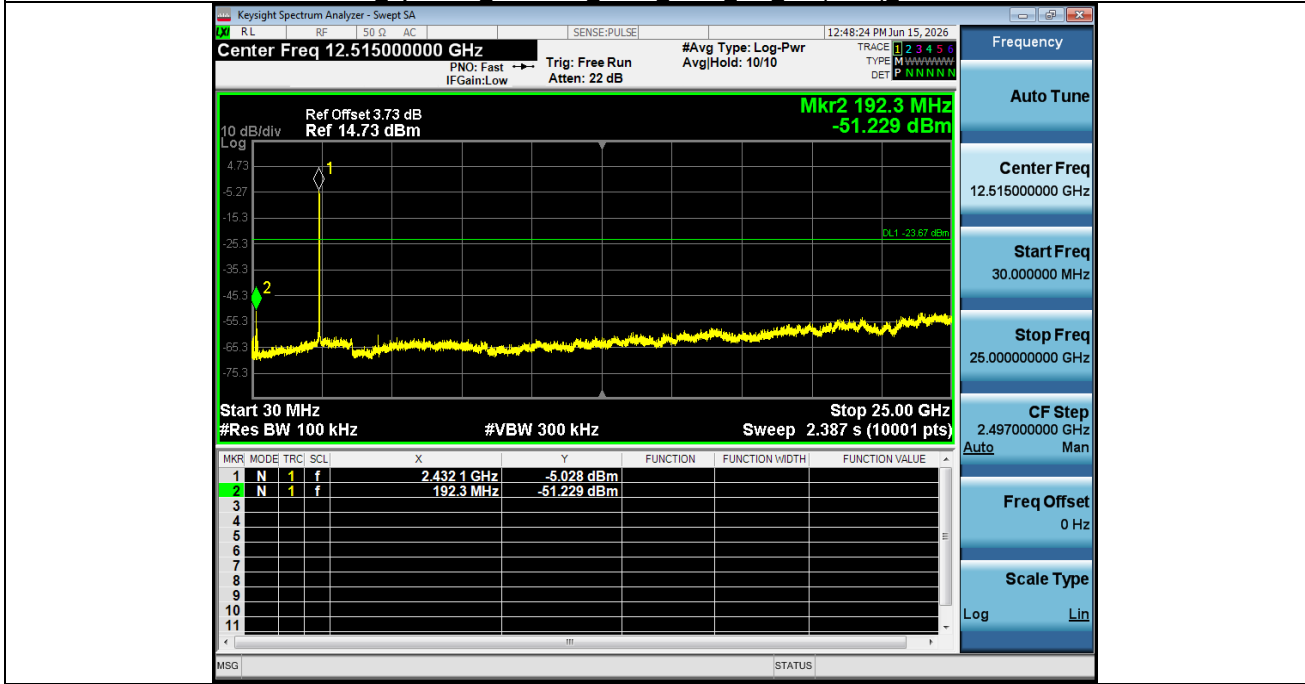
1 Reference Level NVNT ANT2 802 11n(HT20) 2437



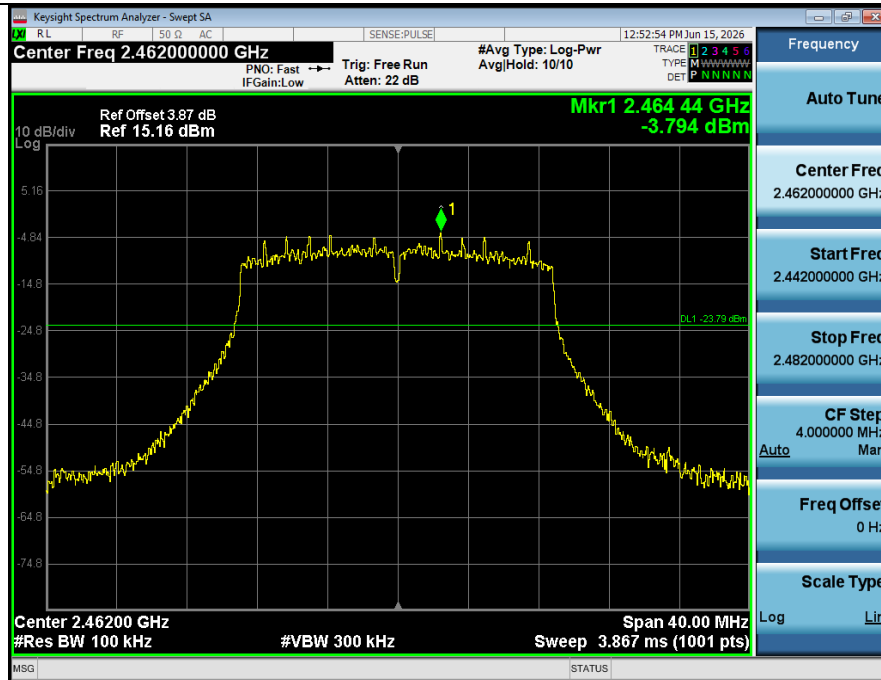
2 Spurious Emission NVNT ANT1 802 11n(HT20) 2437



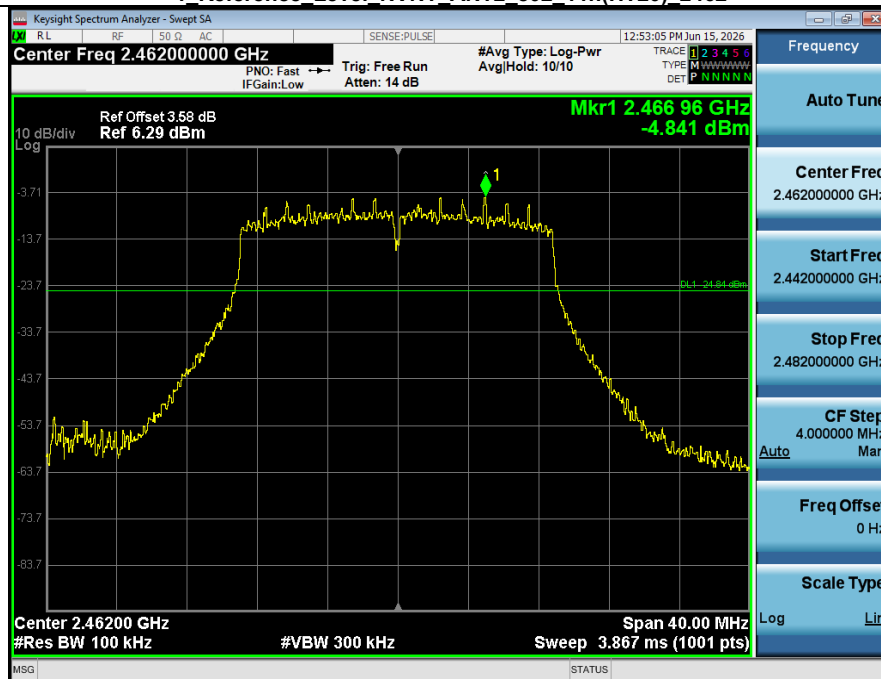
2 Spurious Emission NVNT ANT2 802 11n(HT20) 2437



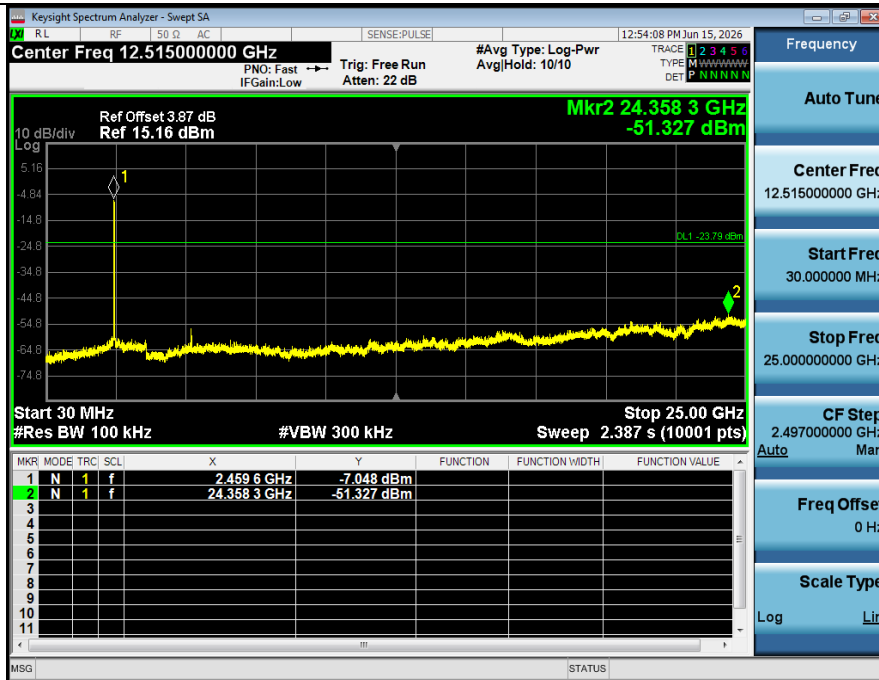
1 Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



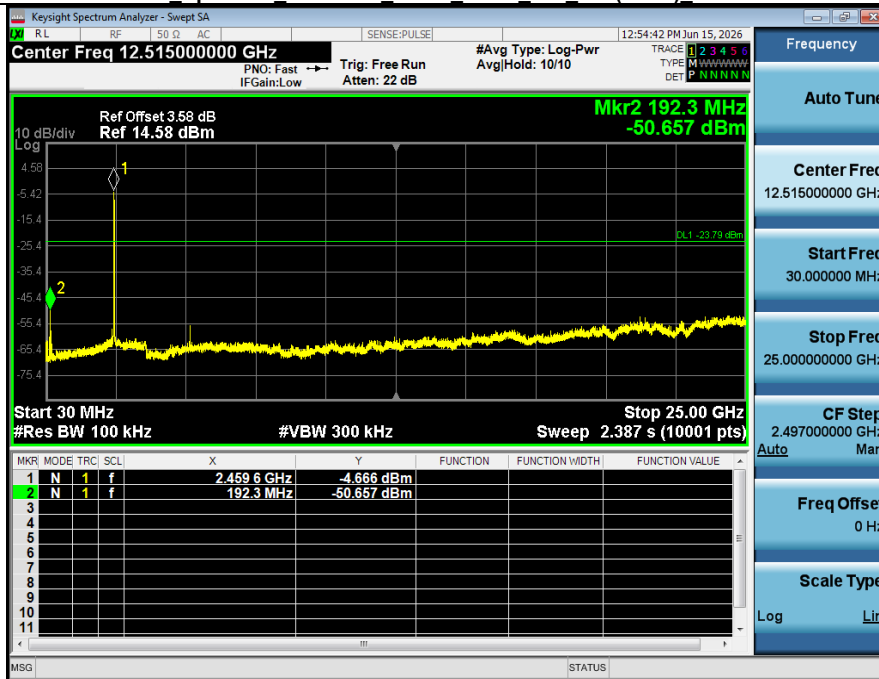
1 Reference Level NVNT ANT2 802 11n(HT20) 2462



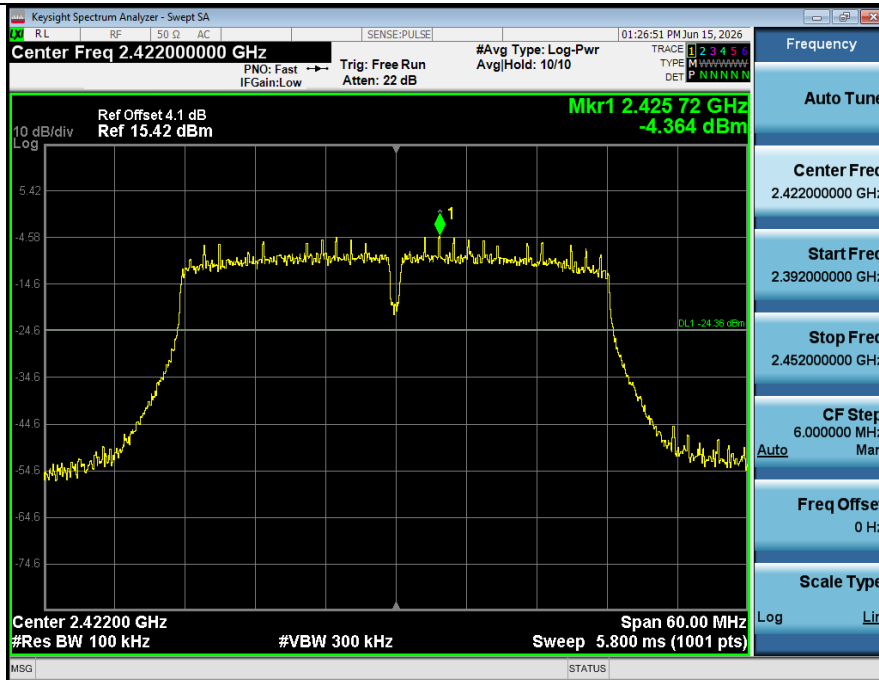
2 Spurious Emission NVNT ANT1 802 11n(HT20) 2462



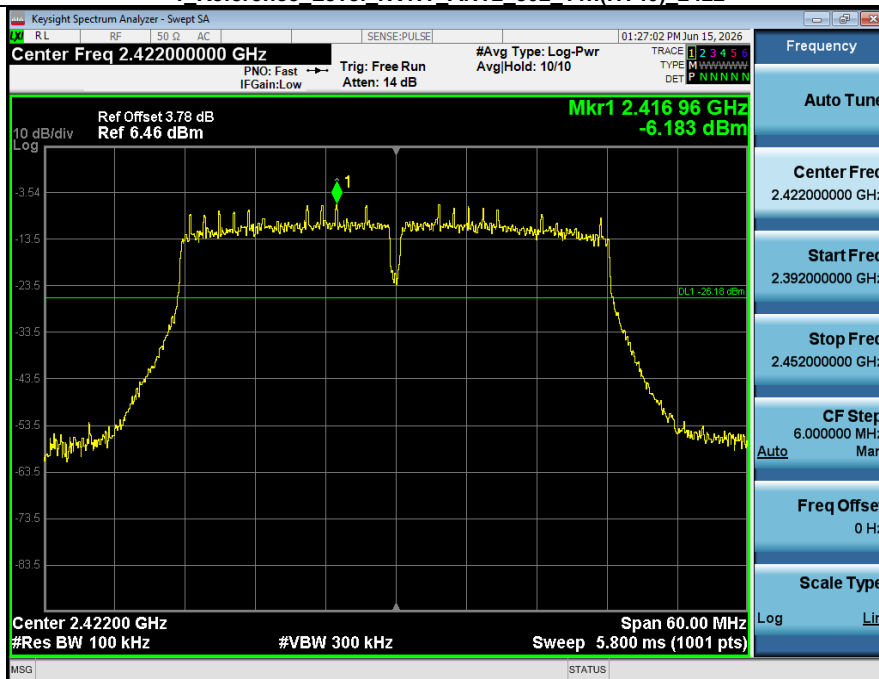
2 Spurious Emission NVNT ANT2 802 11n(HT20) 2462



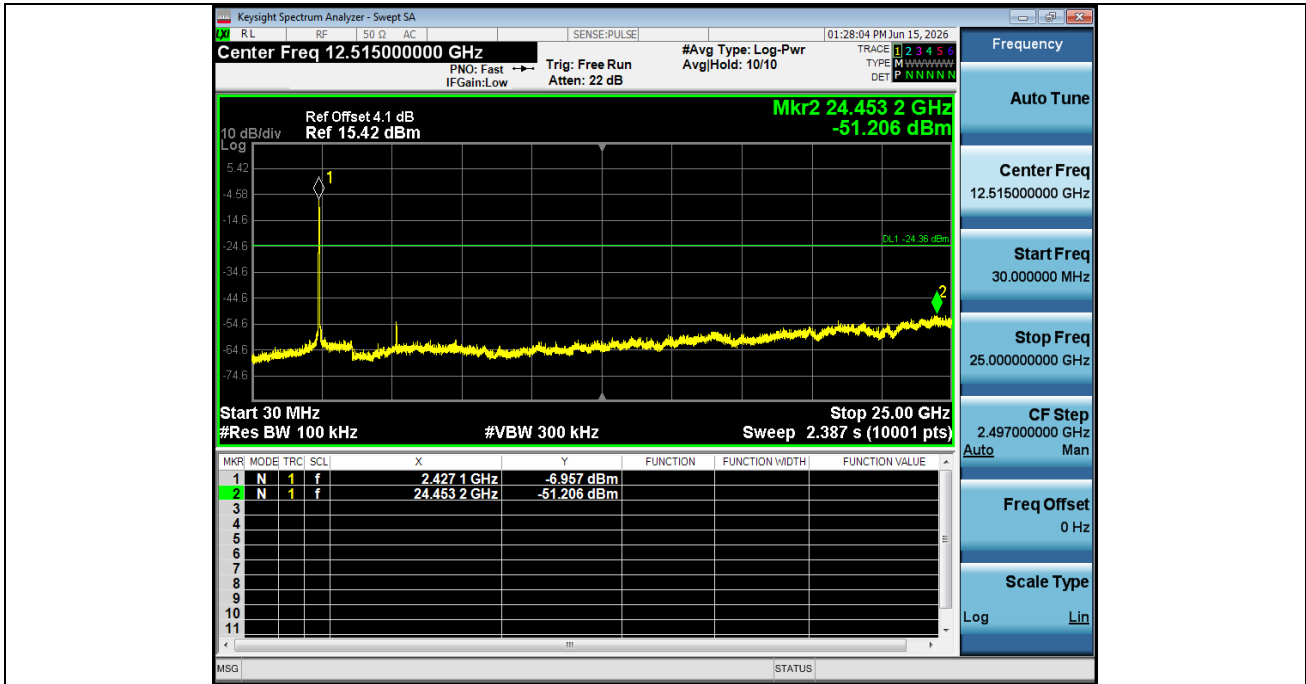
1 Reference_Level_NVNT ANT1 802 11n(HT40) 2422



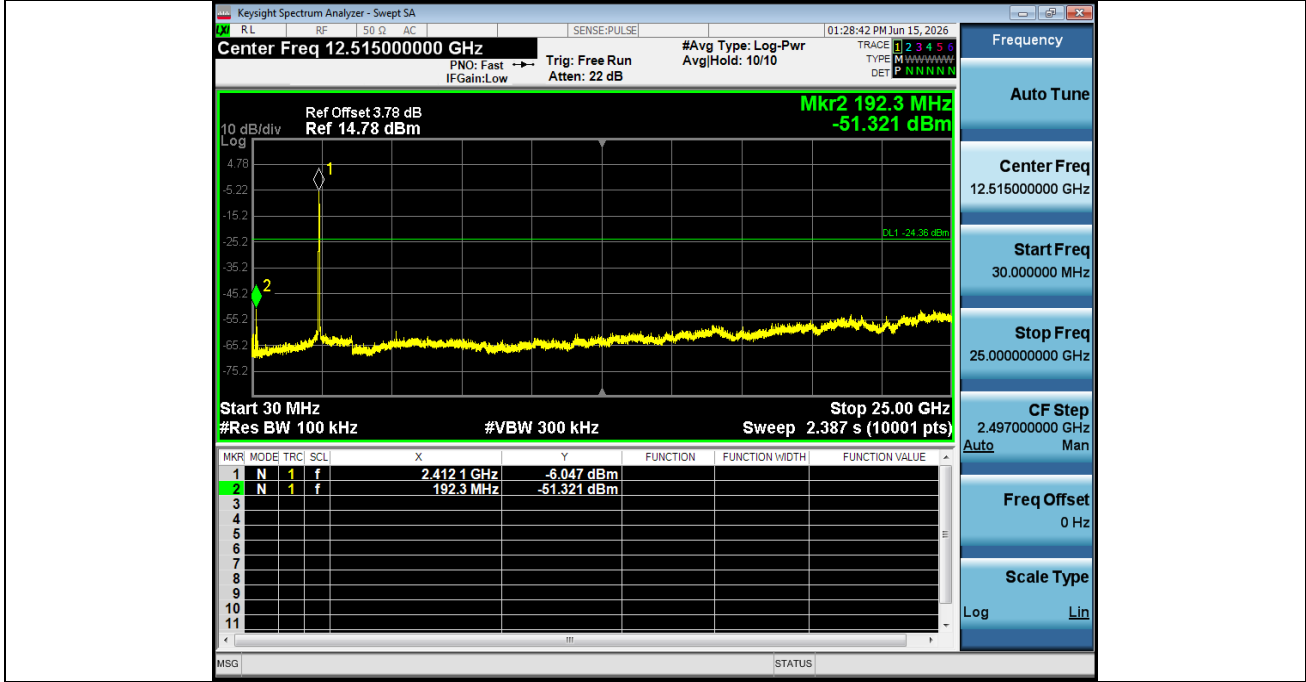
1 Reference Level NVNT ANT2 802 11n(HT40) 2422



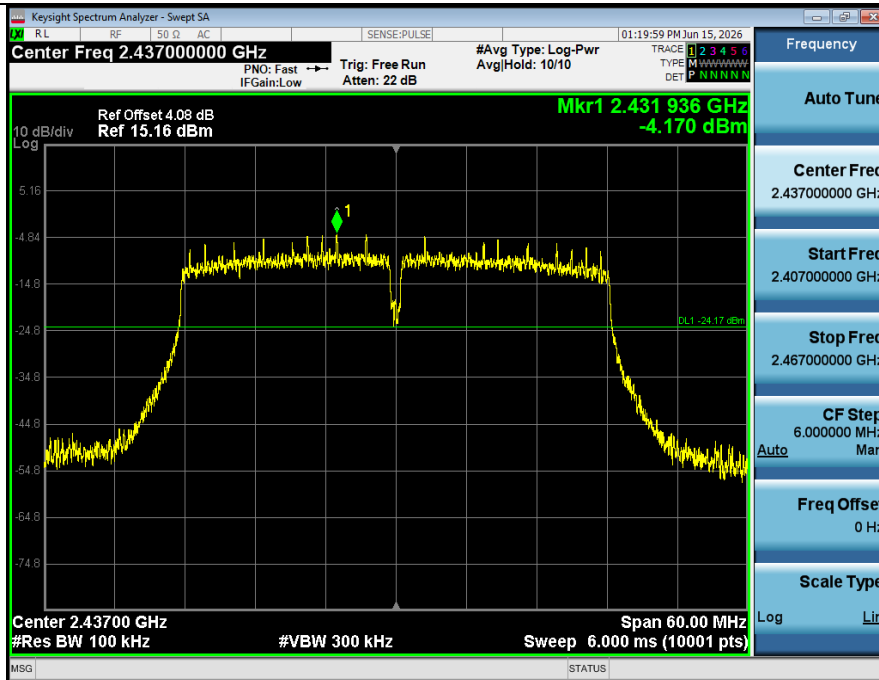
2 Spurious Emission NVNT ANT1 802 11n(HT40) 2422



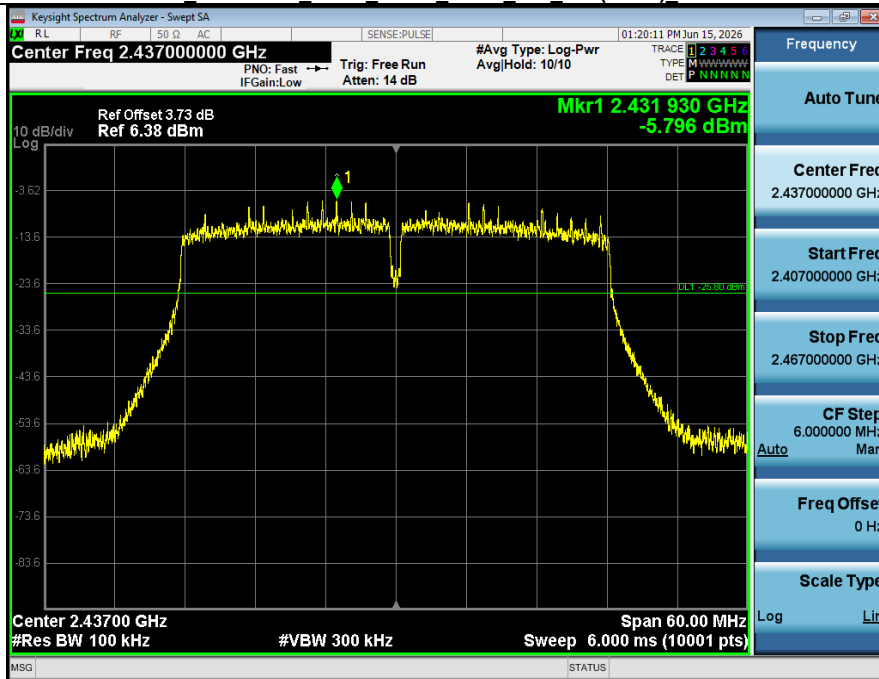
2 Spurious Emission NVNT ANT2 802 11n(HT40) 2422



1 Reference_Level_NVNT ANT1 802 11n(HT40) 2437



1 Reference Level NVNT ANT2 802 11n(HT40) 2437

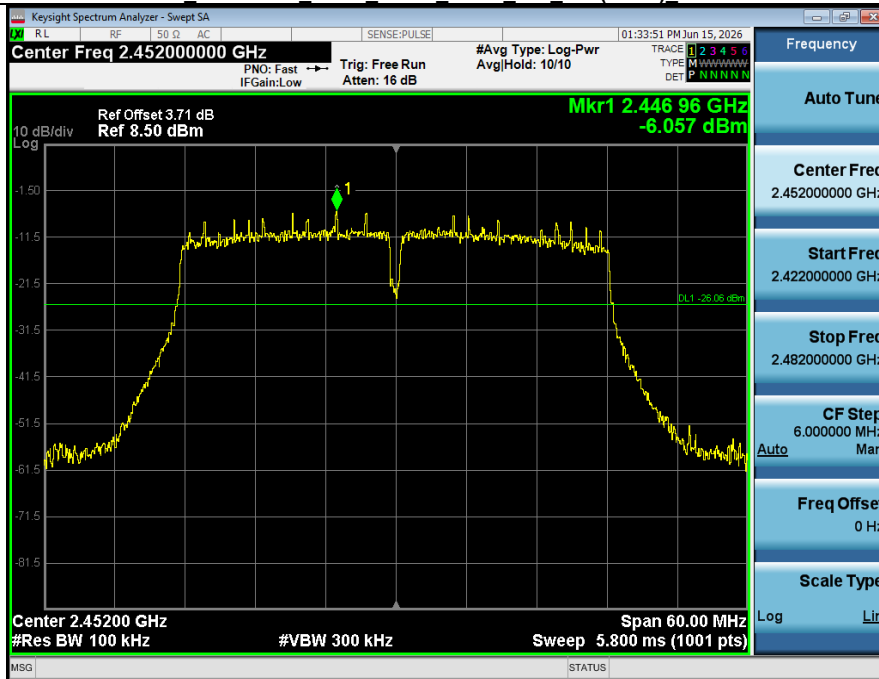


2 Spurious Emission NVNT ANT1 802 11n(HT40) 2437

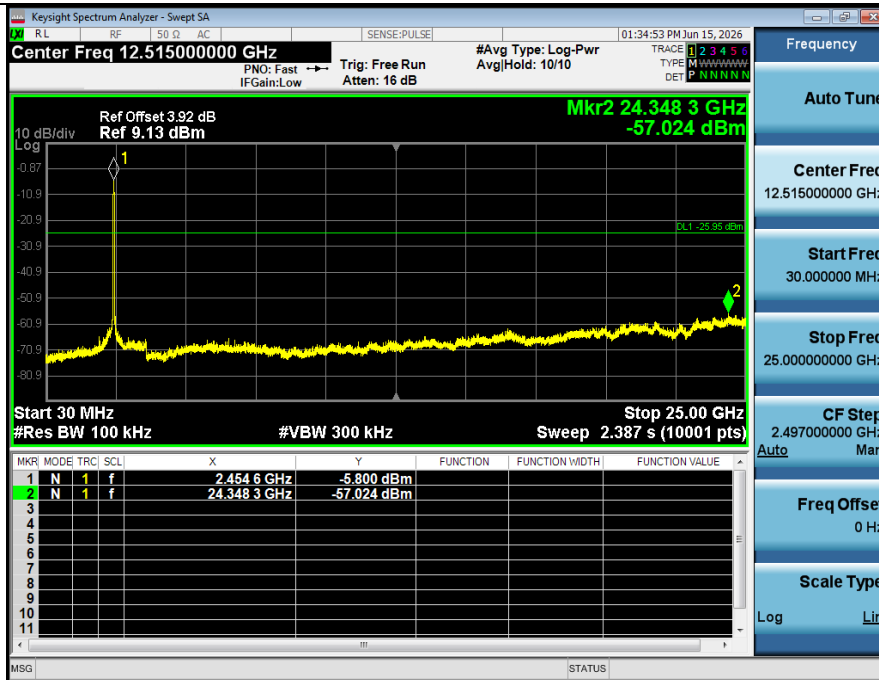




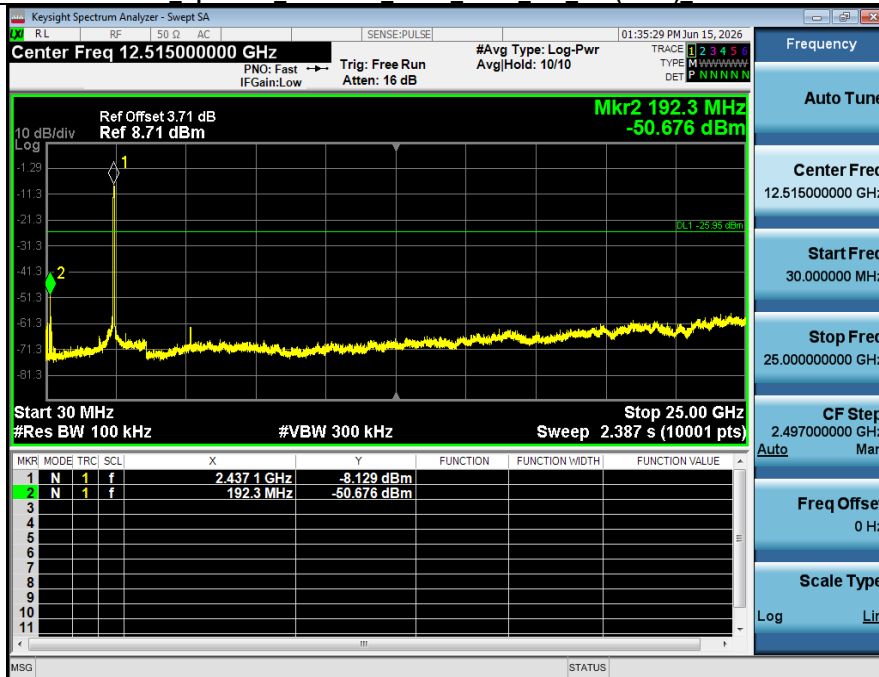
1 Reference Level NVNT ANT2 802 11n(HT40) 2452



2 Spurious Emission NVNT ANT1 802 11n(HT40) 2452



2 Spurious Emission NVNT ANT2 802 11n(HT40) 2452



Appendix B.6: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on different modes, 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.
- 3) Both antenna 1 and antenna 2 tested for 802.11b/g, only worst case reported.
- 4) Both MIMO and SISO tested for 802.11n, only worst case (MIMO) reported.

30MHz - 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: 3D Printer Distance: 3m Humidity: 54 %RH
M/N: Ceramix-Nano Test Engineer: Jeffrey
Test Mode: B 2462MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/5/12 21:23:41



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	36.1272	16.05	13.72	29.77	40.00	-10.23	QP	100	73	P	
2	197.2001	23.13	11.58	34.71	43.50	-8.79	QP	100	350	P	
3	247.6819	24.82	13.44	38.26	46.00	-7.74	QP	100	265	P	
4 *	286.9823	28.15	14.71	42.86	46.00	-3.14	QP	100	289	P	
5	364.2595	25.03	16.85	41.88	46.00	-4.12	QP	100	208	P	
6	413.2706	24.25	18.02	42.27	46.00	-3.73	QP	100	186	P	

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

File: FCC 2\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

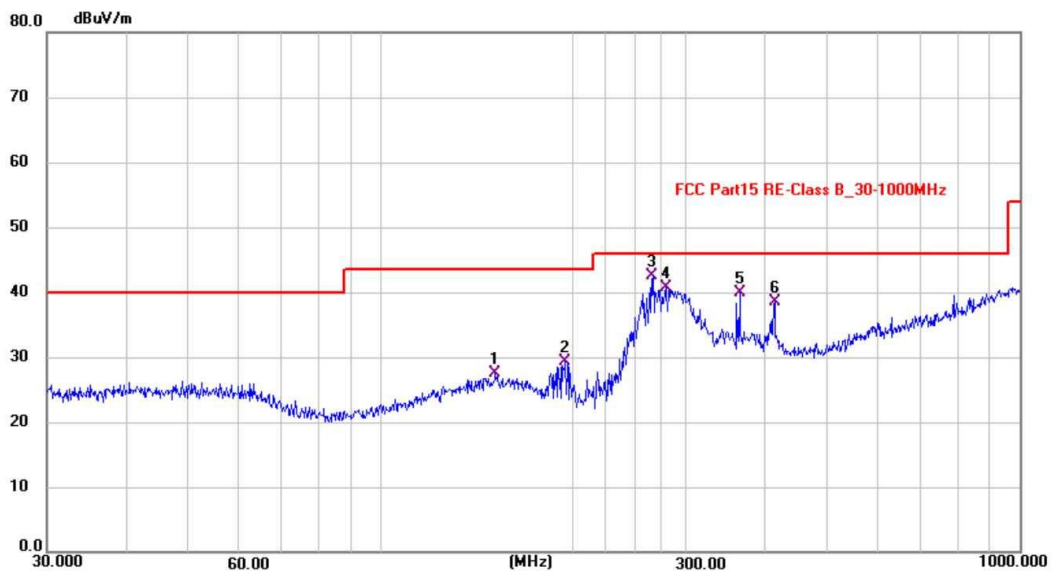
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: B 2462MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/12 21:18:29



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	151.0666	12.26	15.22	27.48	43.50	-16.02	QP	200	73	P	
2	194.4534	17.60	11.67	29.27	43.50	-14.23	QP	200	88	P	
3 *	266.6089	28.60	13.99	42.59	46.00	-3.41	QP	200	102	P	
4	279.0436	26.15	14.48	40.63	46.00	-5.37	QP	200	116	P	
5	364.2595	23.02	16.85	39.87	46.00	-6.13	QP	200	251	P	
6	413.2706	20.52	18.02	38.54	46.00	-7.46	QP	200	258	P	

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

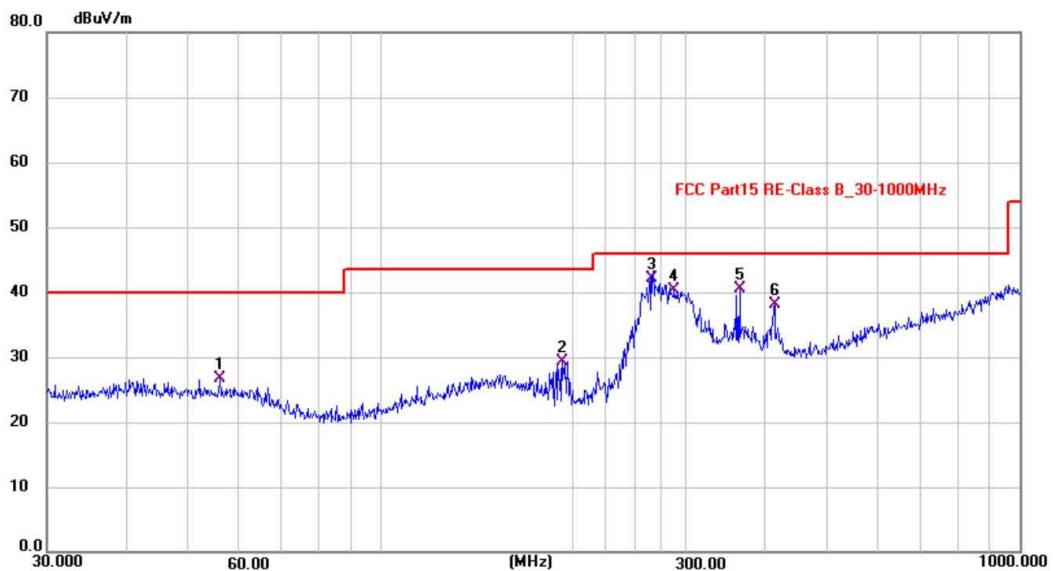


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: 3D Printer	Distance: 3m	Humidity: 54 %RH
M/N: Ceramix-Nano	Test Engineer: Jeffrey	
Test Mode: B 2412MHz		
Test Voltage: AC 120V/60Hz		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/12 21:12:16



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	56.0007	13.20	13.45	26.65	40.00	-13.35	QP	200	136	P	
2	192.4186	17.59	11.74	29.33	43.50	-14.17	QP	200	65	P	
3 *	266.6089	28.12	13.99	42.11	46.00	-3.89	QP	200	279	P	
4	287.9904	25.52	14.74	40.26	46.00	-5.74	QP	200	86	P	
5	364.2595	23.70	16.85	40.55	46.00	-5.45	QP	200	236	P	
6	413.2706	20.00	18.02	38.02	46.00	-7.98	QP	200	208	P	

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



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

Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: B 2412MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/12 21:06:47



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	142.3243	15.80	14.64	30.44	43.50	-13.06	QP	100	236	P	
2	195.8220	23.35	11.63	34.98	43.50	-8.52	QP	100	23	P	
3	247.6818	25.44	13.44	38.88	46.00	-7.12	QP	100	258	P	
4 *	286.9823	28.15	14.71	42.86	46.00	-3.14	QP	100	165	P	
5	360.4476	25.56	16.78	42.34	46.00	-3.66	QP	100	258	P	
6	413.2706	24.40	18.02	42.42	46.00	-3.58	QP	100	201	P	

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

File: FCC 2\Data :#1

Page: 1

Engineer Signature:

1GHz - 18GHz

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

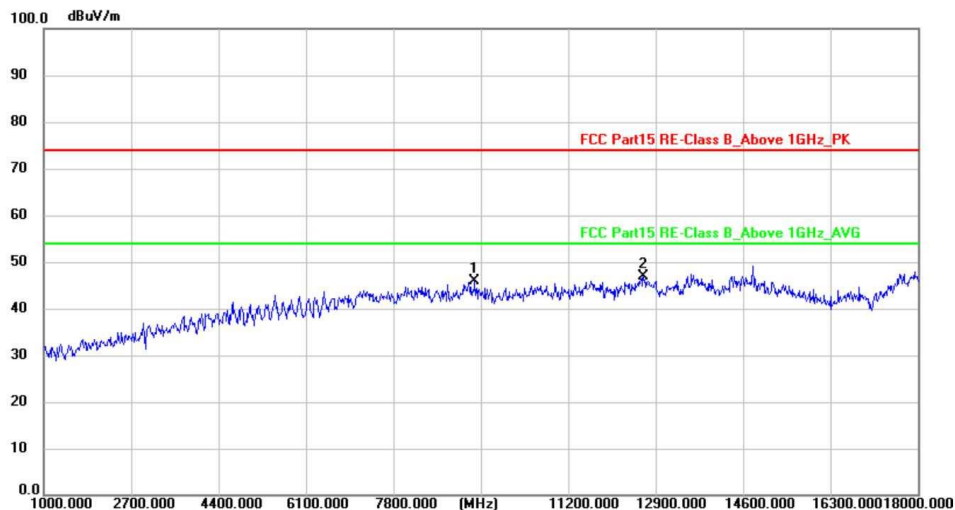


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: 3D Printer	Distance: 3m	Humidity: 54 %RH
M/N: Ceramix-Nano	Test Engineer: Jeffrey	
Test Mode: ANT 2 B 2412		
Test Voltage: AC 120V/60Hz		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/14 19:43:20



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	9381.000	62.22	-16.32	45.90	74.00	-28.10	peak	150	321	P	
2 *	12664.125	61.00	-14.15	46.85	74.00	-27.15	peak	150	163	P	

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

File: FCC 2\Data :#5

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

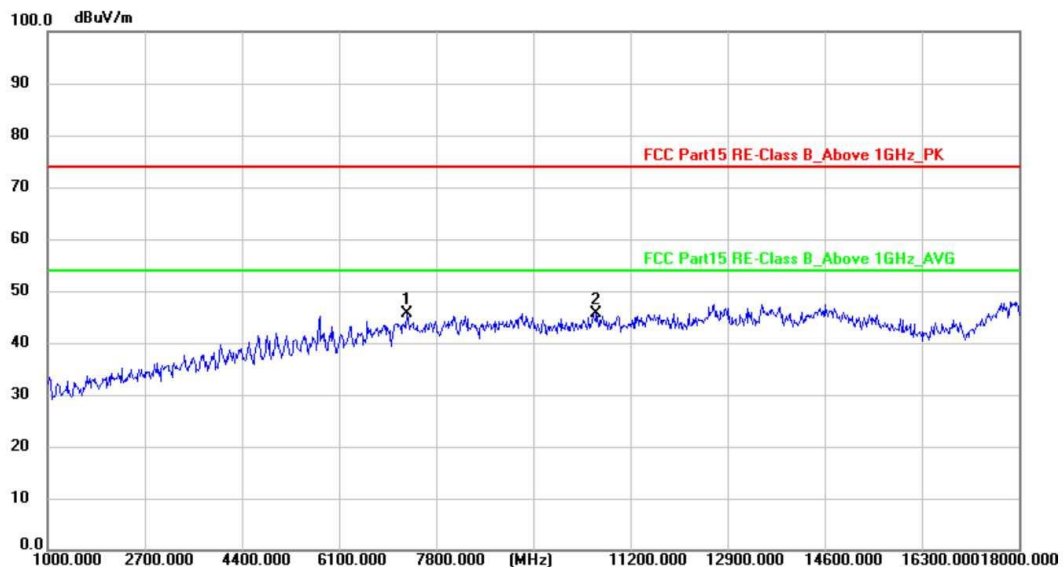
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: ANT 2 B 2412
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/14 19:48:39



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 *	7300.625	62.79	-17.20	45.59	74.00	-28.41	peak	150	216	P	
2	10607.125	61.02	-15.48	45.54	74.00	-28.46	peak	150	182	P	

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

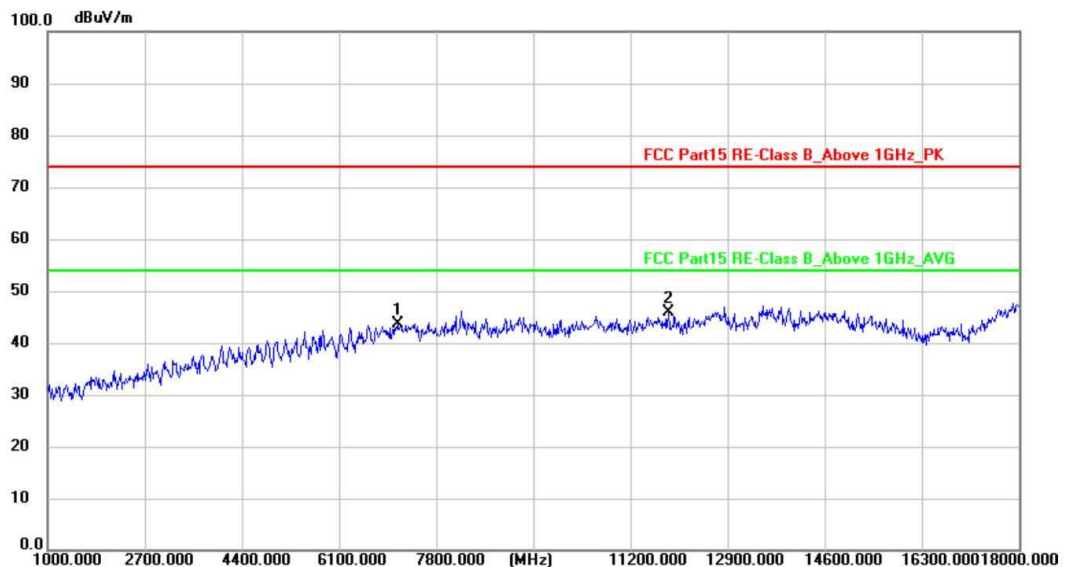


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: 3D Printer	Distance: 3m	Humidity: 54 %RH
M/N: Ceramix-Nano	Test Engineer: Jeffrey	
Test Mode: ANT 2 B 2462		
Test Voltage: AC 120V/60Hz		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/14 19:52:40



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	7137.000	60.85	-17.32	43.53	74.00	-30.47	peak	150	131	P	
2 *	11871.500	60.79	-14.84	45.95	74.00	-28.05	peak	150	189	P	

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



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

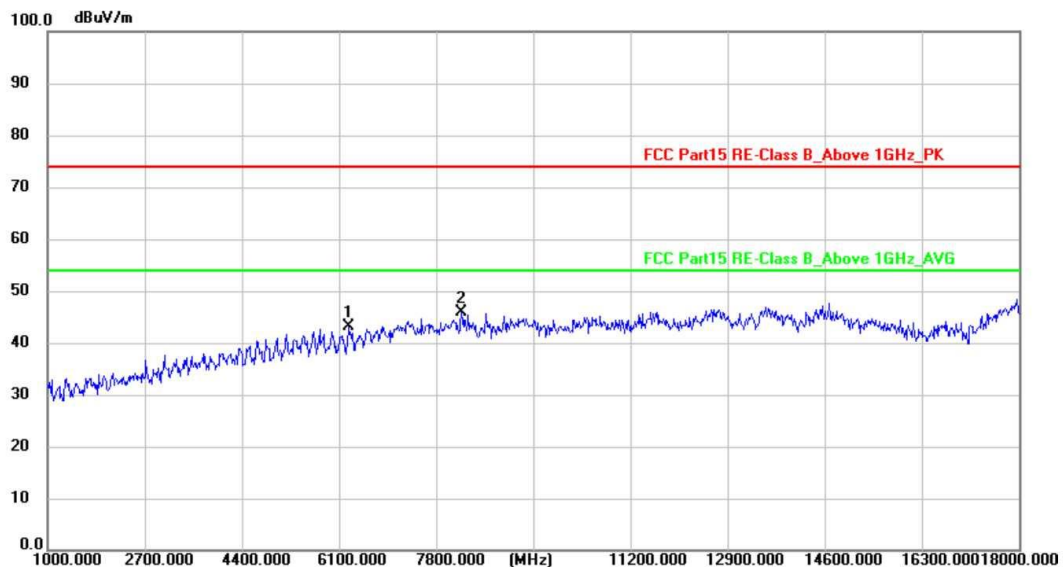
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: ANT 2 B 2462
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/14 19:57:50



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	6284.875	62.08	-19.05	43.03	74.00	-30.97	peak	150	176	P	
2 *	8248.375	62.61	-16.66	45.95	74.00	-28.05	peak	150	19	P	

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



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

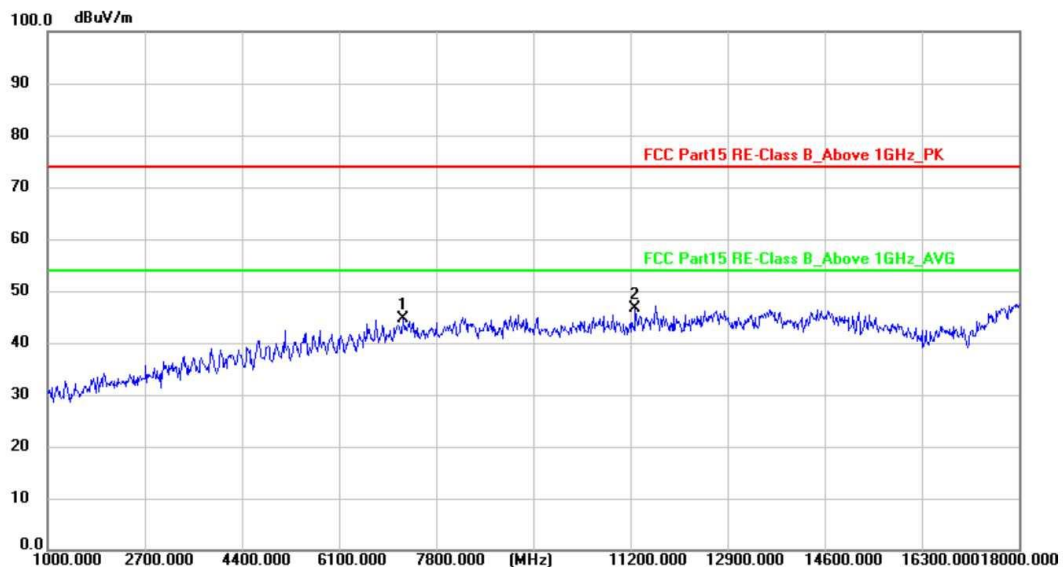
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N40 2422
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/14 20:03:24



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	7232.625	61.83	-17.25	44.58	74.00	-29.42	peak	150	165	P	
2 *	11297.750	61.61	-15.01	46.60	74.00	-27.40	peak	150	287	P	

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



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

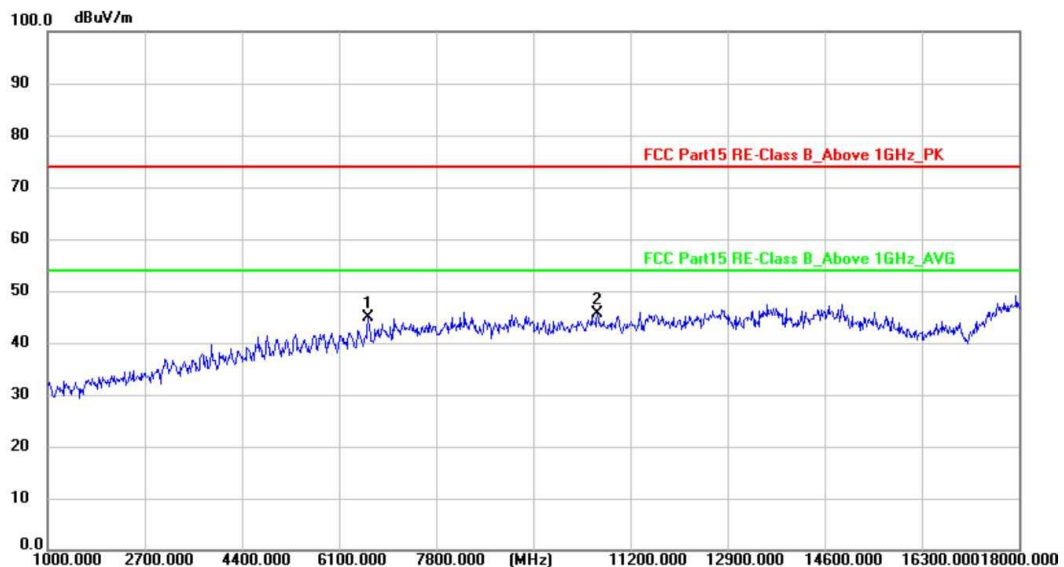
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N40 2422
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/14 20:08:38



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	6620.625	63.14	-18.28	44.86	74.00	-29.14	peak	150	98	P	
2 *	10622.000	61.00	-15.46	45.54	74.00	-28.46	peak	150	127	P	

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