



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

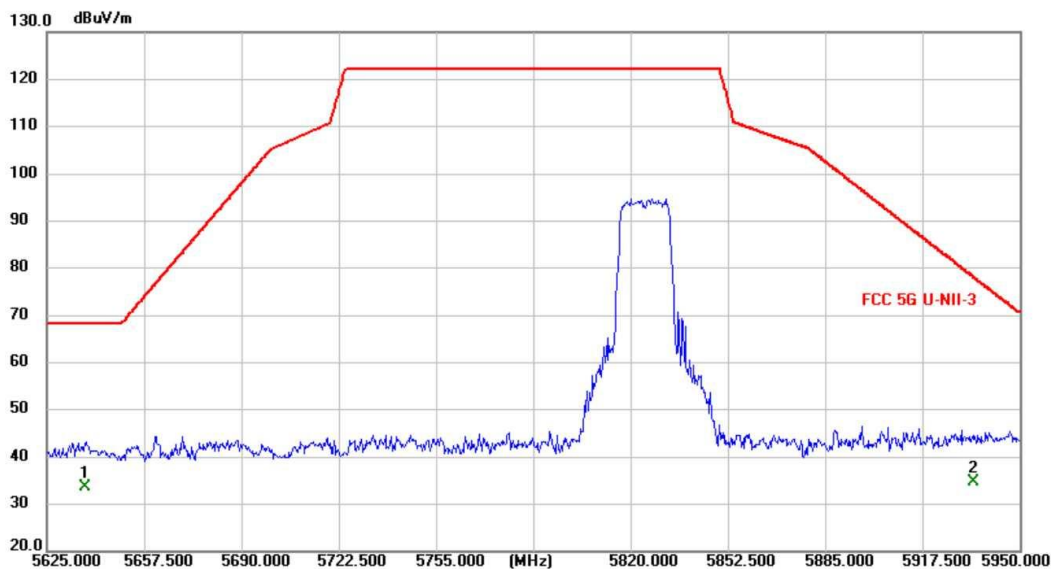
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: AC20 5825
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/7/21 14:46:14



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5638.284	51.08	-17.46	33.62	68.20	-34.58	AVG	150	192	P	
2	5934.806	51.67	-16.82	34.85	78.12	-43.27	AVG	150	137	P	

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



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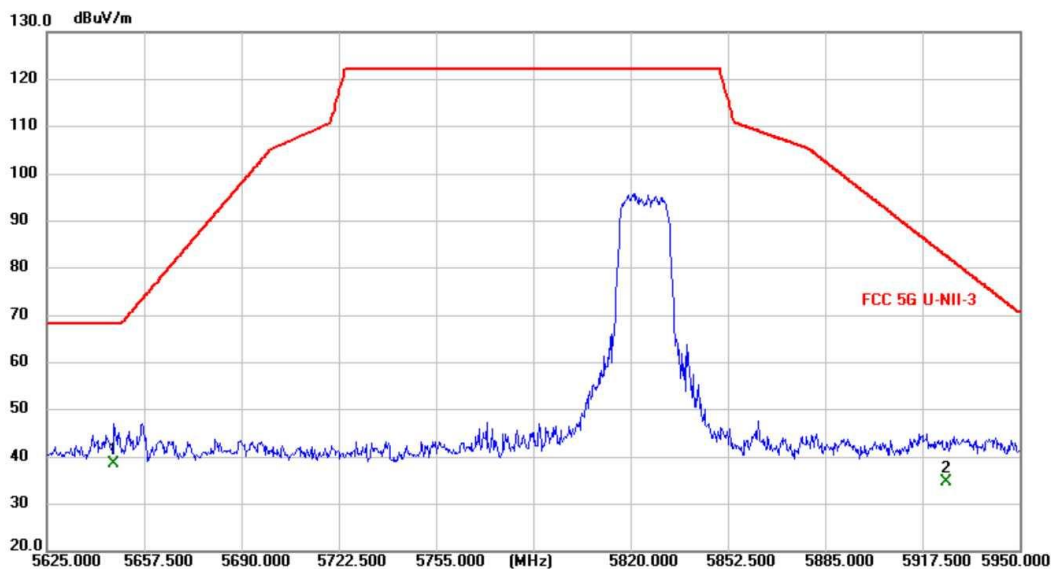
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: AC20 5825
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/7/21 14:40:56



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5647.547	55.96	-17.44	38.52	68.20	-29.68	AVG	150	262	P	
2	5925.625	51.51	-16.85	34.66	82.64	-47.98	AVG	150	138	P	

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



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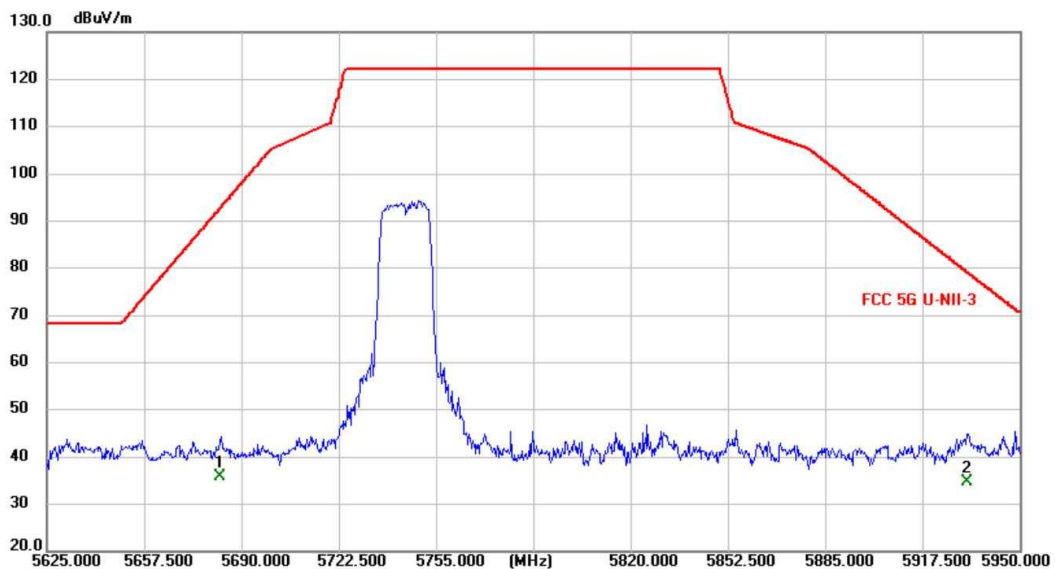
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: AC20 5745
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/7/21 14:34:37



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	5683.337	53.07	-17.36	35.71	92.91	-57.20	AVG	150	108	P	
2 *	5932.978	51.42	-16.82	34.60	79.02	-44.42	AVG	150	52	P	

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



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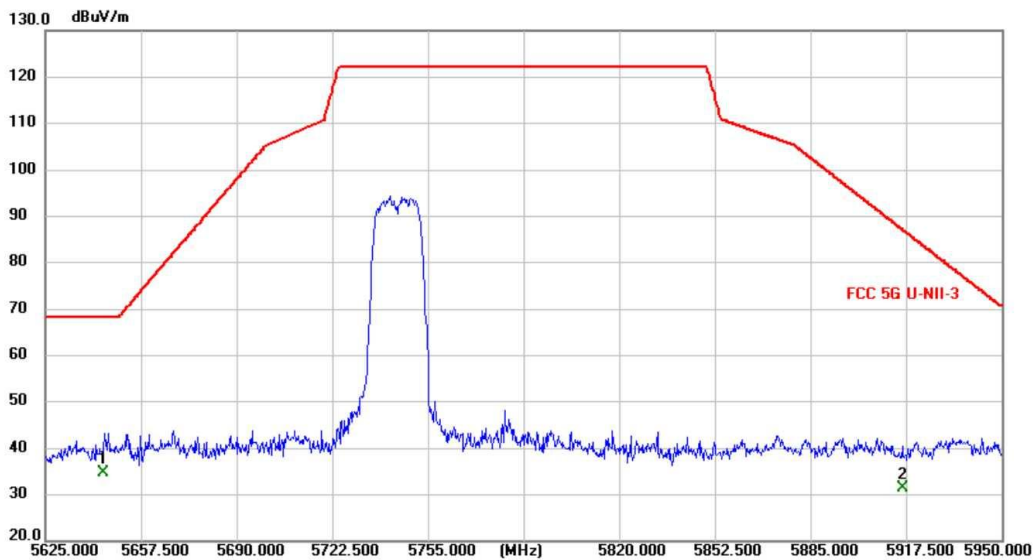
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: AC20 5745
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/7/21 14:29:16



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 *	5645.434	52.12	-17.44	34.68	68.20	-33.52	AVG	150	106	P	
2	5916.322	48.33	-16.86	31.47	87.22	-55.75	AVG	150	215	P	

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

File: 5\Data :#19

Page: 1

Engineer Signature:



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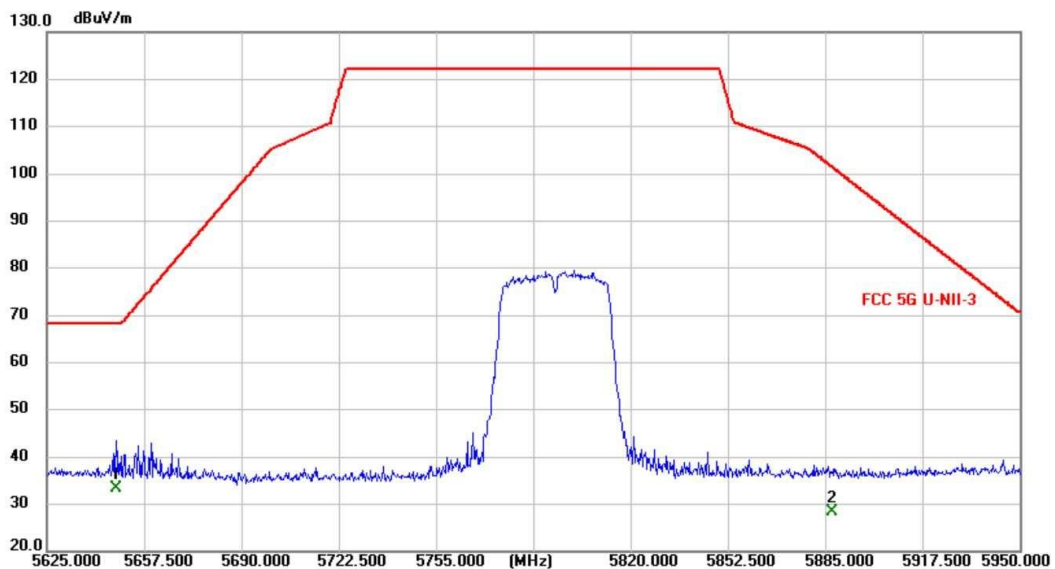
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N40 5795
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/5/19 21:09:26



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 *	5648.238	50.83	-17.44	33.39	68.20	-34.81	AVG	150	144	P	
2	5887.884	45.32	-16.93	28.39	101.29	-72.90	AVG	150	280	P	

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



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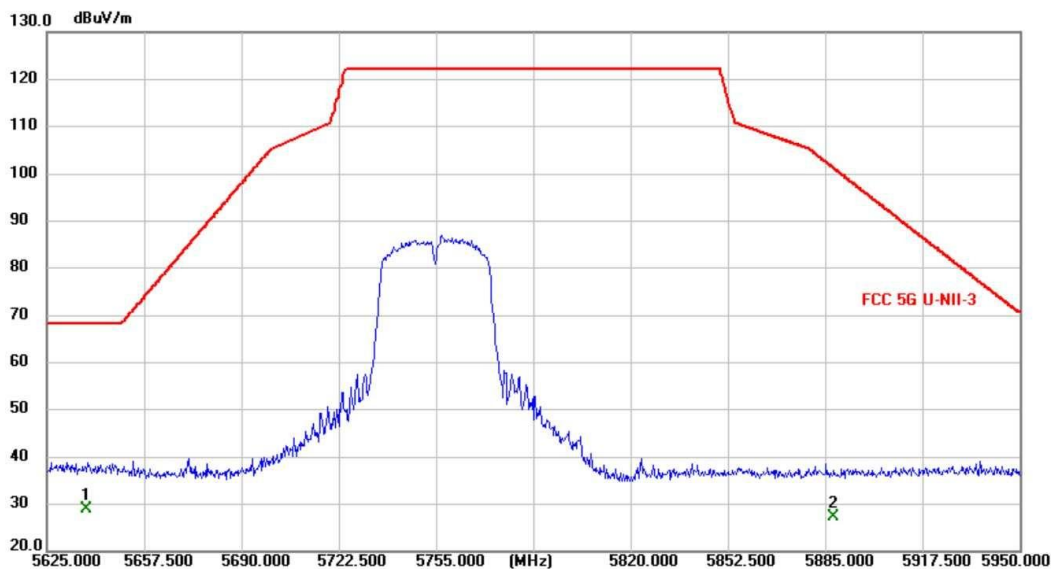
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N40 5755
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/5/19 20:59:54



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5638.934	46.29	-17.46	28.83	68.20	-39.37	AVG	150	185	P	
2	5888.209	44.25	-16.93	27.32	101.13	-73.81	AVG	150	261	P	

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



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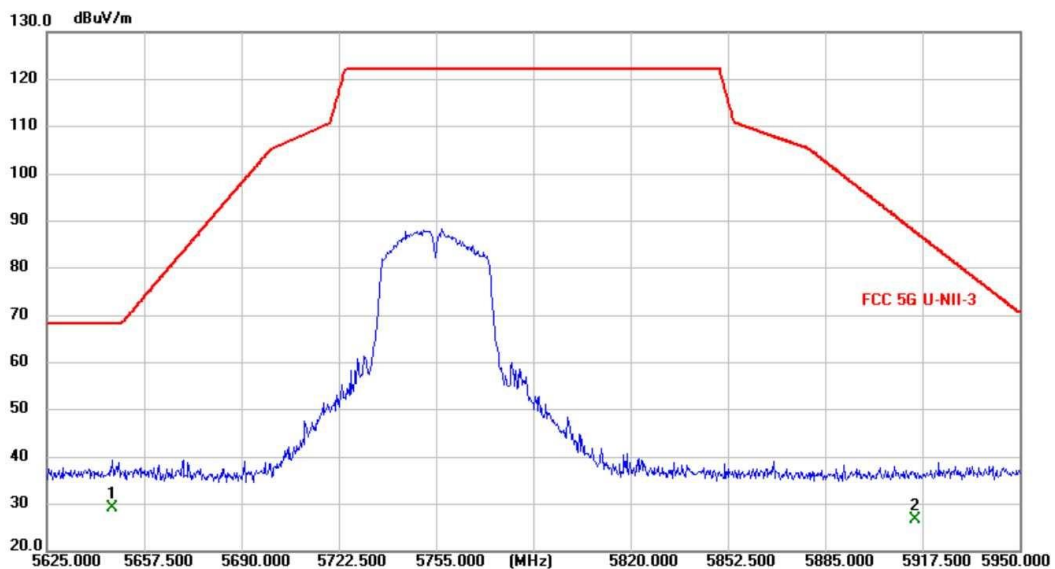
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N40 5755
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/5/19 21:04:09



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 *	5646.775	46.73	-17.44	29.29	68.20	-38.91	AVG	150	177	P	
2	5915.266	43.52	-16.86	26.66	87.74	-61.08	AVG	150	298	P	

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



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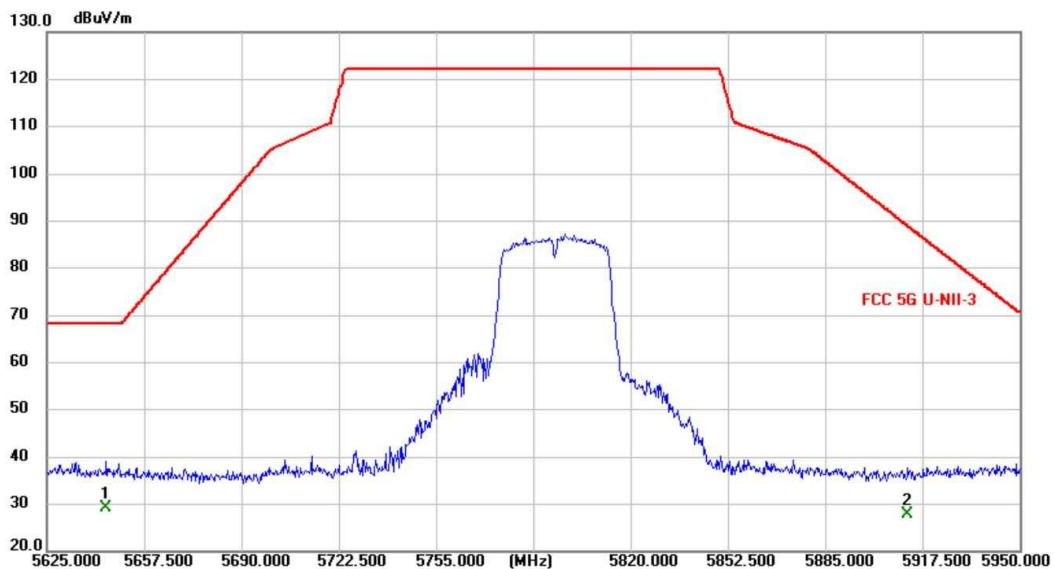
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N40 5795
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/5/19 21:15:00



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 *	5645.109	46.68	-17.44	29.24	68.20	-38.96	AVG	150	169	P	
2	5912.828	44.66	-16.88	27.78	88.95	-61.17	AVG	150	282	P	

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



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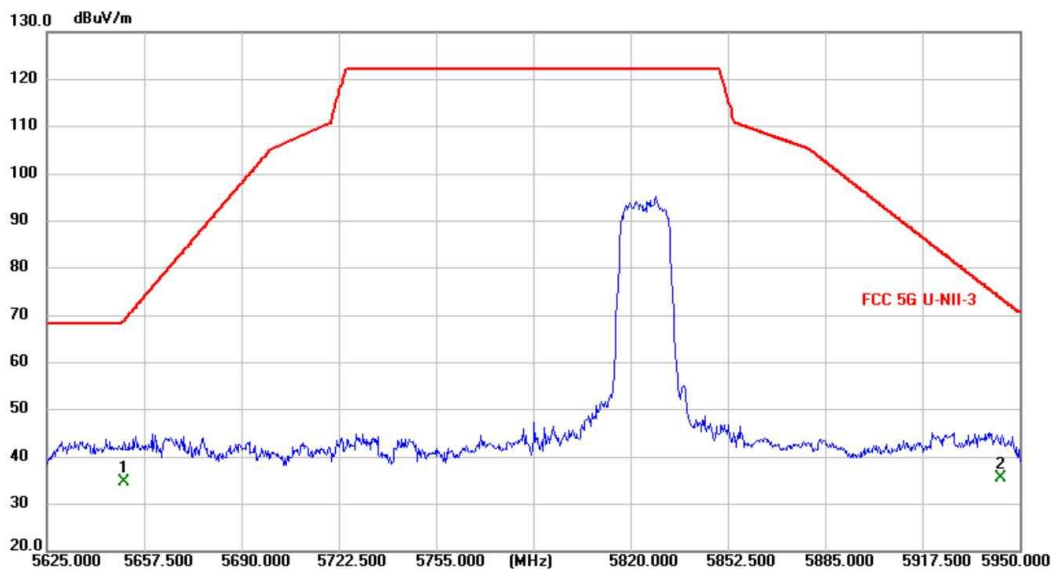
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N20 5825
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/7/21 14:24:48



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 *	5650.797	52.14	-17.42	34.72	68.79	-34.07	AVG	150	215	P	
2	5944.353	52.42	-16.81	35.61	73.42	-37.81	AVG	150	133	P	

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



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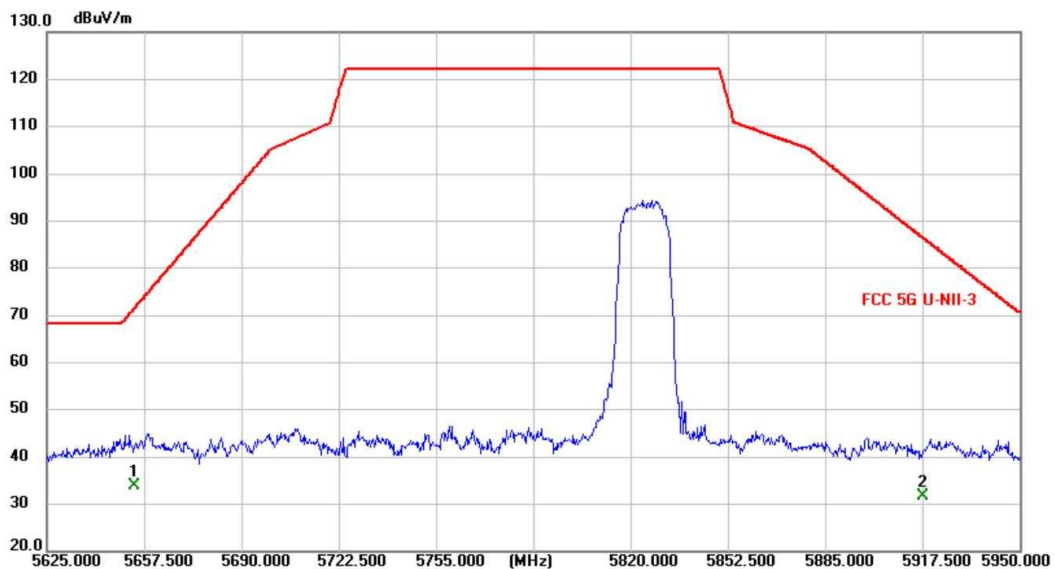
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N20 5825
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/7/21 14:19:32



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 *	5654.656	51.25	-17.42	33.83	71.66	-37.83	AVG	150	64	P	
2	5918.434	48.48	-16.86	31.62	86.18	-54.56	AVG	150	177	P	

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



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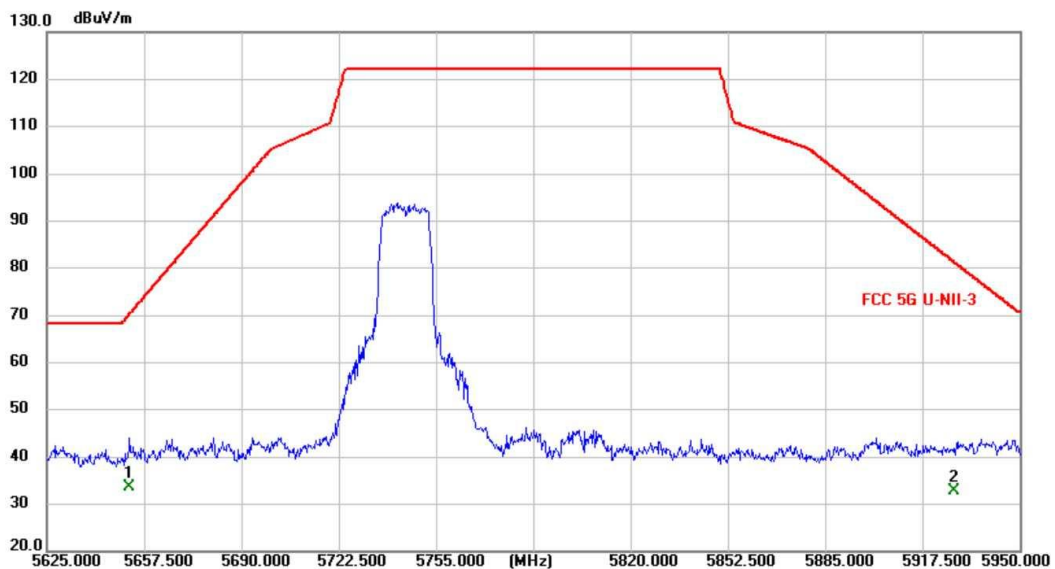
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N20 5745
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/7/21 14:14:28



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 *	5652.909	51.07	-17.42	33.65	70.36	-36.71	AVG	150	184	P	
2	5927.900	49.57	-16.85	32.72	81.52	-48.80	AVG	150	217	P	

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



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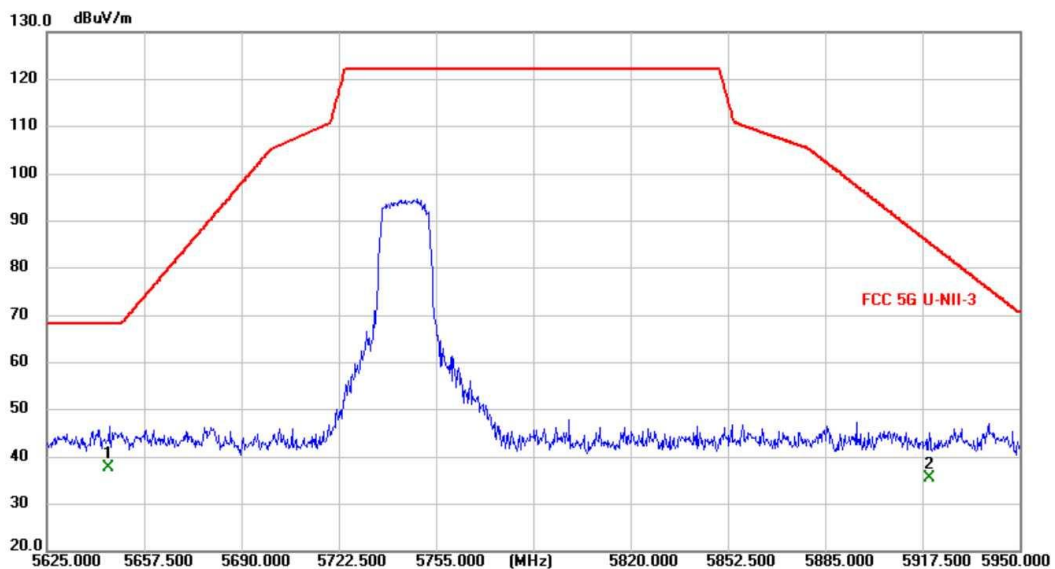
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: N20 5745
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/7/21 14:09:34



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 *	5645.962	55.20	-17.44	37.76	68.20	-30.44	AVG	150	141	P	
2	5919.897	52.39	-16.86	35.53	85.46	-49.93	AVG	150	314	P	

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



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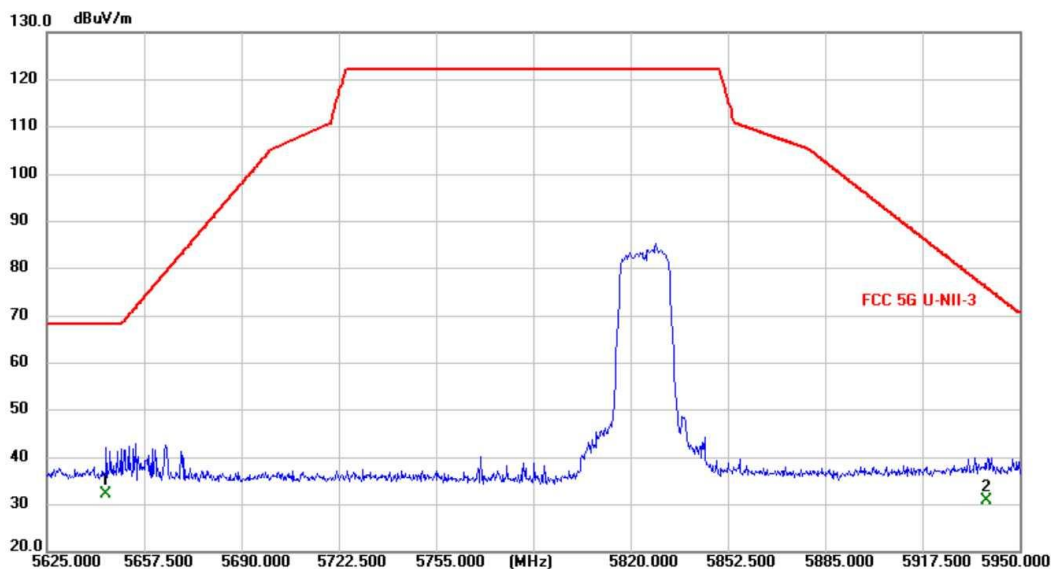
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: ANT1 A 5825
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/5/19 20:31:45



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 *	5645.028	49.71	-17.44	32.27	68.20	-35.93	AVG	150	79	P	
2	5939.478	47.75	-16.82	30.93	75.82	-44.89	AVG	150	216	P	

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



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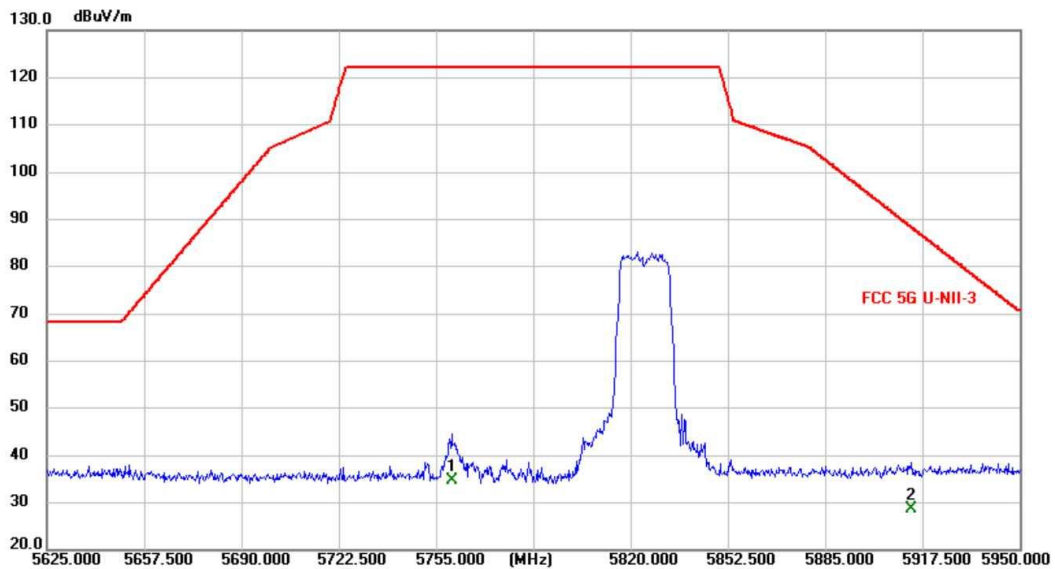
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: ANT1 A 5825
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/5/19 20:26:48



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	5760.363	51.83	-17.19	34.64	122.20	-87.56	AVG	150	191	P	
2 *	5913.966	45.48	-16.86	28.62	88.39	-59.77	AVG	150	320	P	

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



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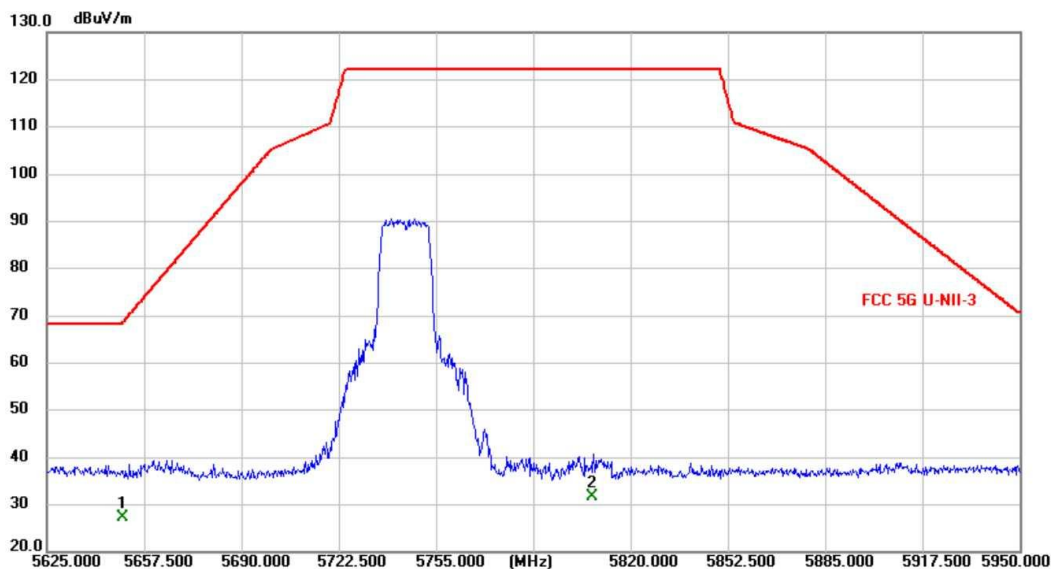
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: ANT1 A 5745
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/5/19 20:20:21



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 *	5650.350	44.60	-17.42	27.18	68.46	-41.28	AVG	150	316	P	
2	5807.690	48.88	-17.10	31.78	122.20	-90.42	AVG	150	285	P	

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



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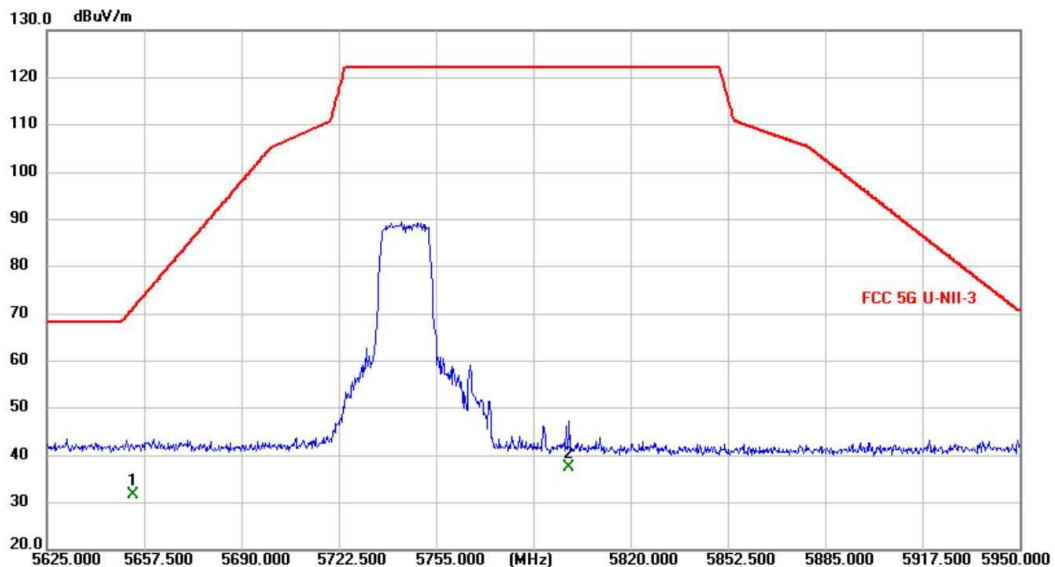
Test Site: PSI EMC Lab-3m Chamber
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: ANT1 A 5745
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 24 °C
Humidity: 56 %RH

Radiated Emission Measurement

Test Date: 2026/5/19 20:15:05



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 *	5653.641	49.11	-17.42	31.69	70.91	-39.22	AVG	150	131	P	
2	5799.606	54.50	-17.11	37.39	122.20	-84.81	AVG	150	249	P	

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

Appendix A.9: Test Results of Conducted Emission on AC Mains

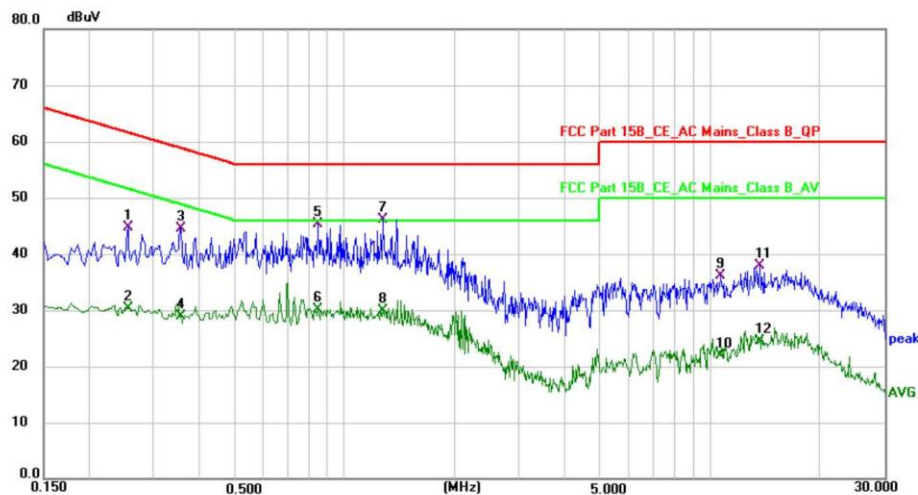


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Test Site: PSI EMC Lab-Shielded Room Phase: **N** Temperature: 26 °C
EUT: 3D Printer Test Engineer: Jeffrey Humidity: 54 %RH
M/N: Ceramix-Nano
Test Mode: Normal working with 5G
Test Voltage: AC120/60Hz
Note:

Conducted Emission Measurement

Test Date: 2026/5/12 9:59:50



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2540	35.28	9.40	44.68	61.63	-16.95	QP	P	
2	0.2540	20.96	9.40	30.36	51.63	-21.27	AVG	P	
3	0.3540	35.19	9.40	44.59	58.87	-14.28	QP	P	
4	0.3540	19.53	9.40	28.93	48.87	-19.94	AVG	P	
5	0.8460	35.64	9.75	45.39	56.00	-10.61	QP	P	
6	0.8460	20.37	9.75	30.12	46.00	-15.88	AVG	P	
7 *	1.2700	36.58	9.55	46.13	56.00	-9.87	QP	P	
8	1.2700	20.32	9.55	29.87	46.00	-16.13	AVG	P	
9	10.6860	26.73	9.41	36.14	60.00	-23.86	QP	P	
10	10.6860	12.52	9.41	21.93	50.00	-28.07	AVG	P	
11	13.6340	28.51	9.47	37.98	60.00	-22.02	QP	P	
12	13.6340	14.97	9.47	24.44	50.00	-25.56	AVG	P	

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

File: CE\Data :#6

Page: 1

Engineer Signature:



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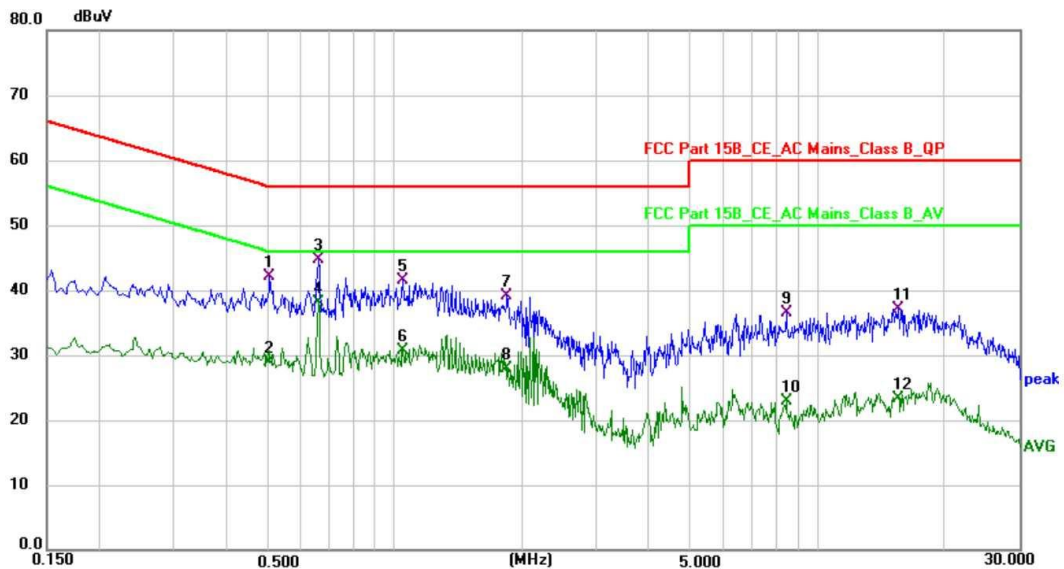
Test Site: PSI EMC Lab-Shielded Room
EUT: 3D Printer
M/N: Ceramix-Nano
Test Mode: Normal working with 5G
Test Voltage: AC120/60Hz
Note:

Phase: **L1**
Test Engineer: Jeffrey

Temperature: 26 °C
Humidity: 54 %RH

Conducted Emission Measurement

Test Date: 2026/5/12 9:54:06



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.5060	32.40	9.69	42.09	56.00	-13.91	QP	P	
2	0.5060	19.18	9.69	28.87	46.00	-17.13	AVG	P	
3	0.6580	35.30	9.46	44.76	56.00	-11.24	QP	P	
4 *	0.6580	28.56	9.46	38.02	46.00	-7.98	AVG	P	
5	1.0460	31.80	9.80	41.60	56.00	-14.40	QP	P	
6	1.0460	20.92	9.80	30.72	46.00	-15.28	AVG	P	
7	1.8420	29.32	9.88	39.20	56.00	-16.80	QP	P	
8	1.8420	18.05	9.88	27.93	46.00	-18.07	AVG	P	
9	8.4500	26.90	9.70	36.60	60.00	-23.40	QP	P	
10	8.4500	13.28	9.70	22.98	50.00	-27.02	AVG	P	
11	15.5220	27.26	9.78	37.04	60.00	-22.96	QP	P	
12	15.5220	13.43	9.78	23.21	50.00	-26.79	AVG	P	

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