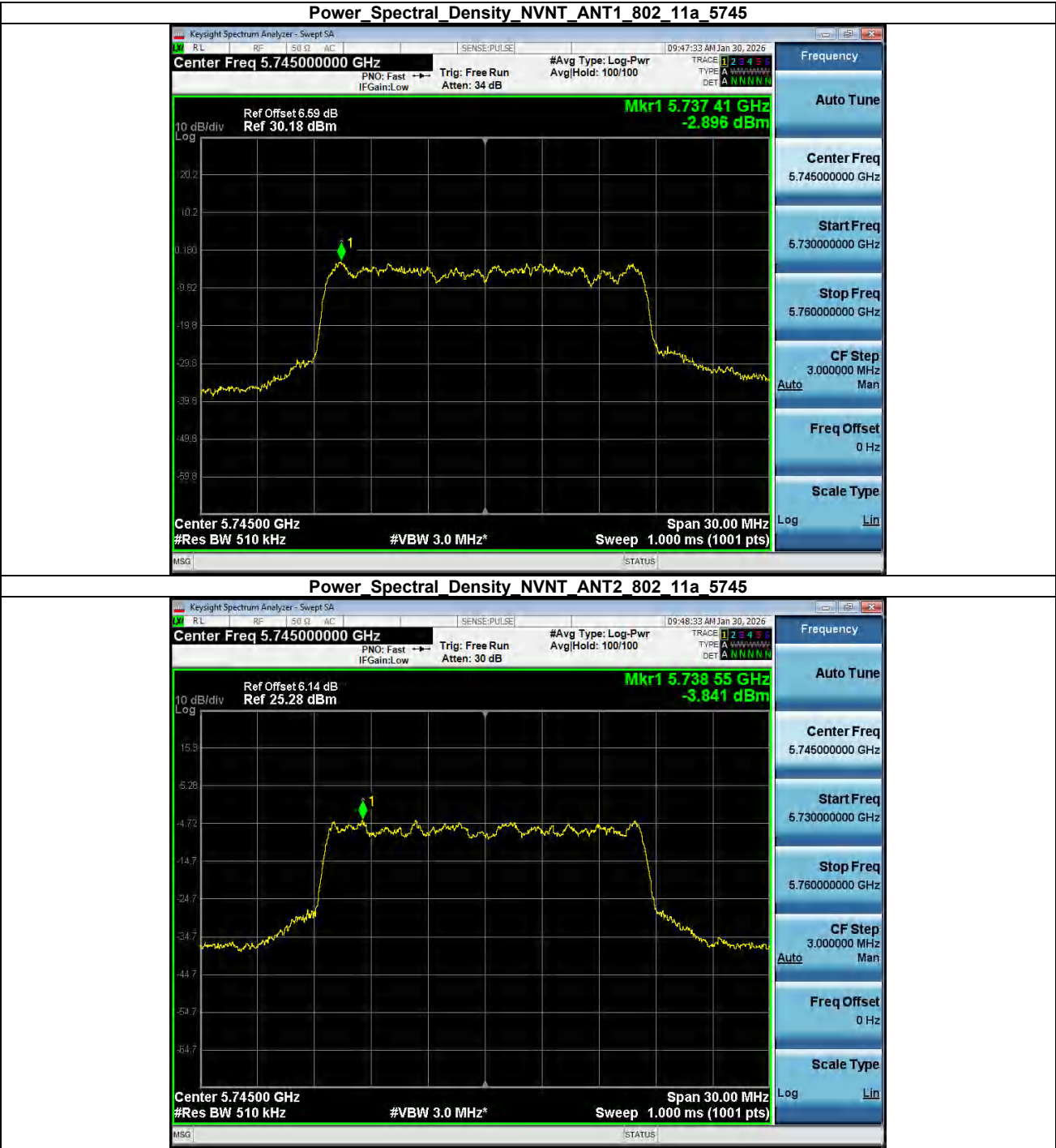




Power Spectral Density NVNT_ANT1_802_11a_5785



Power_Spectral_Density_NVNT_ANT2_802_11a_5785



Power_Spectral_Density_NVNT_ANT1_802_11a_5825



Power_Spectral_Density_NVNT_ANT2_802_11a_5825



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5745



Power Spectral Density NVNT ANT2 802_11n(HT20) 5745



Power Spectral Density NVNT ANT1 802_11n(HT20) 5785



Power Spectral Density NVNT ANT2_802_11n(HT20)_5785



Power Spectral Density NVNT ANT1_802_11n(HT20)_5825



Power Spectral Density NVNT ANT2 802_11n(HT20)_5825



Power Spectral Density NVNT ANT1 802_11ac(VHT20)_5745



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5745



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5785



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5785



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5825



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5825



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5745



Power_Spectral_Density_NVNT_ANT2_802_11ax(HE20)_5745



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5785



Power_Spectral_Density_NVNT_ANT2_802_11ax(HE20)_5785



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5825



Power Spectral Density NVNT ANT2 802_11ax(HE20) 5825



Power Spectral Density NVNT ANT1 802_11n(HT40) 5755



Power Spectral Density NVNT ANT2 802 11n(HT40) 5755



Power Spectral Density NVNT ANT1 802 11n(HT40) 5795



Power Spectral Density NVNT ANT2 802.11n(HT40) 5795



Power Spectral Density NVNT ANT1 802.11ac(VHT40) 5755



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT40)_5755



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5795



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT40)_5795



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_5755





Power_Spectral_Density_NVNT_ANT2_802_11ax(HE40)_5795



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT80)_5775



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE80)_5775



Power Spectral Density NVNT ANT2 802 11ax(HE80) 5775



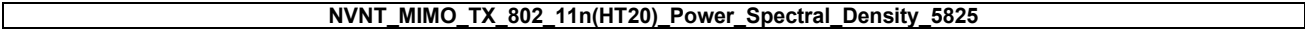
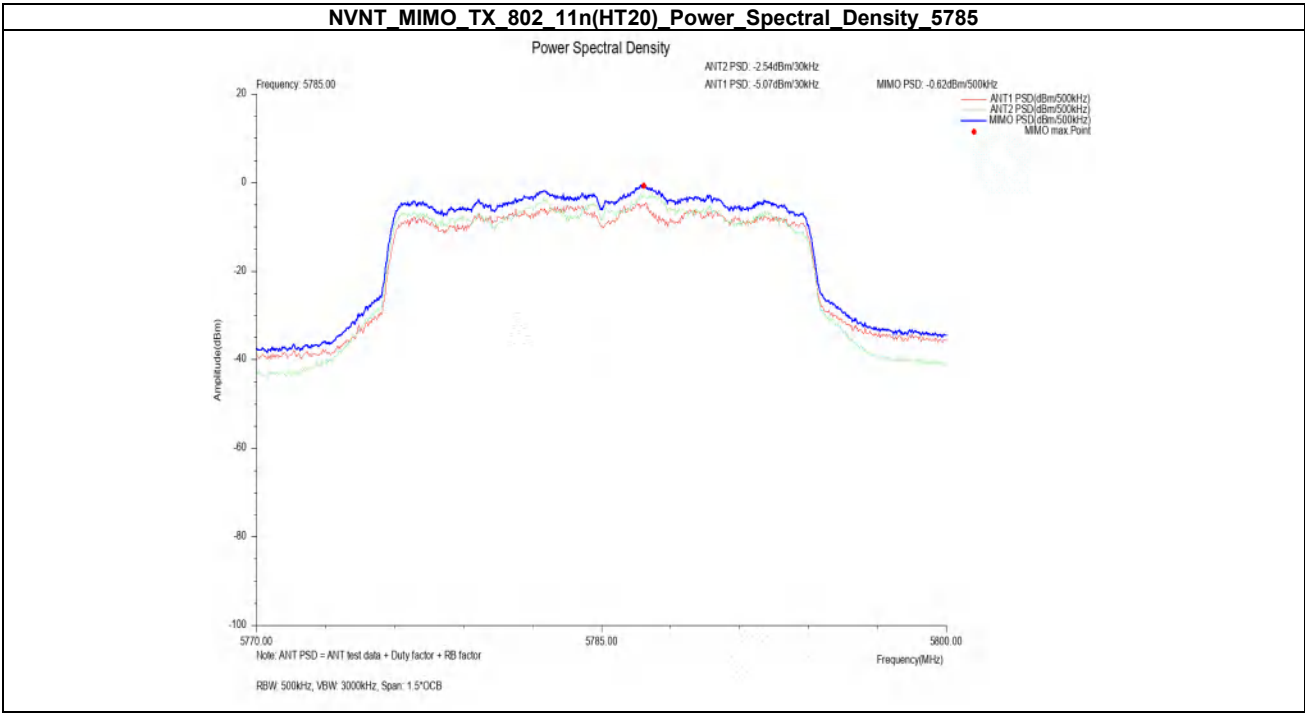
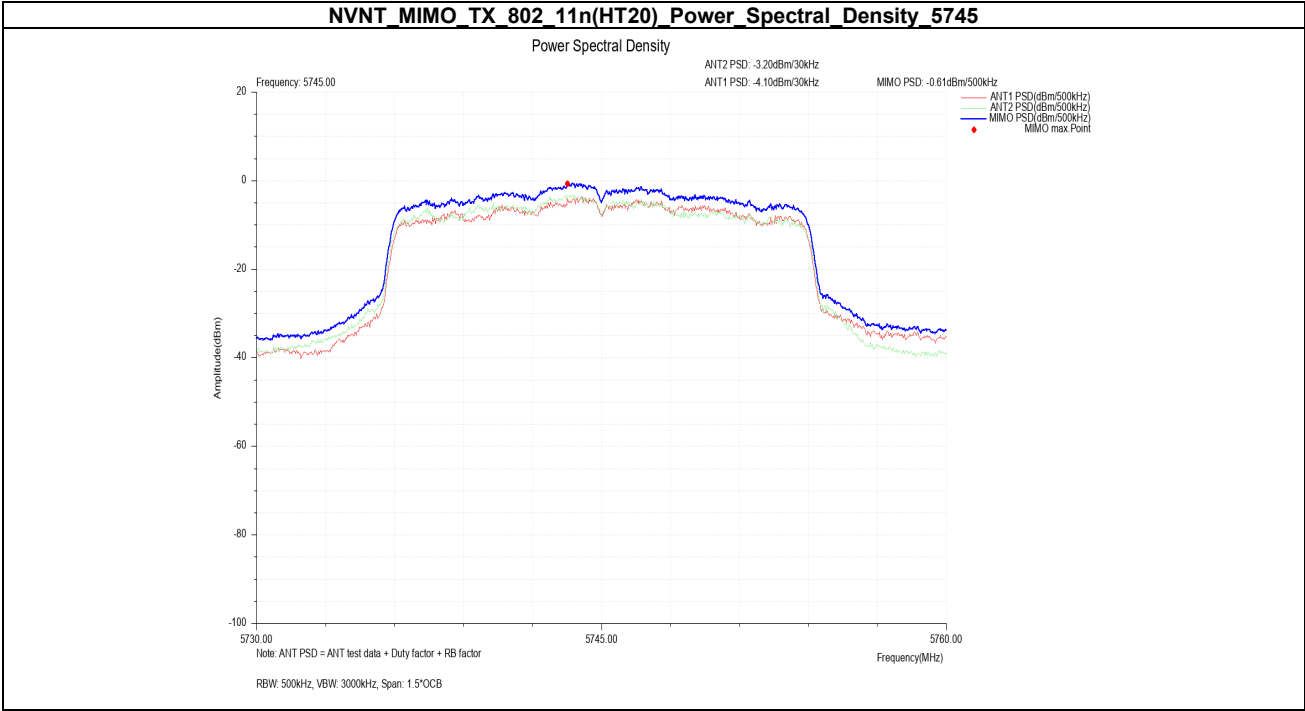
Appendix B
CN265N45 003

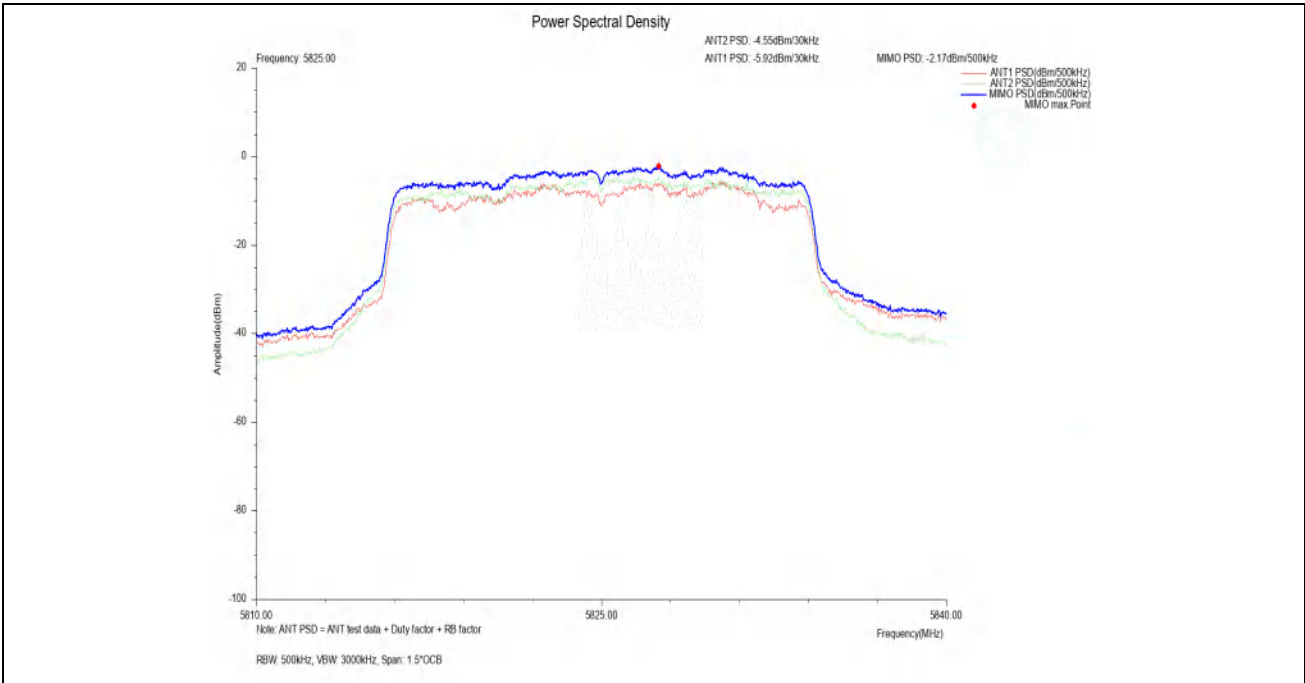


Prüfbericht - Produkte
Test Report - Products

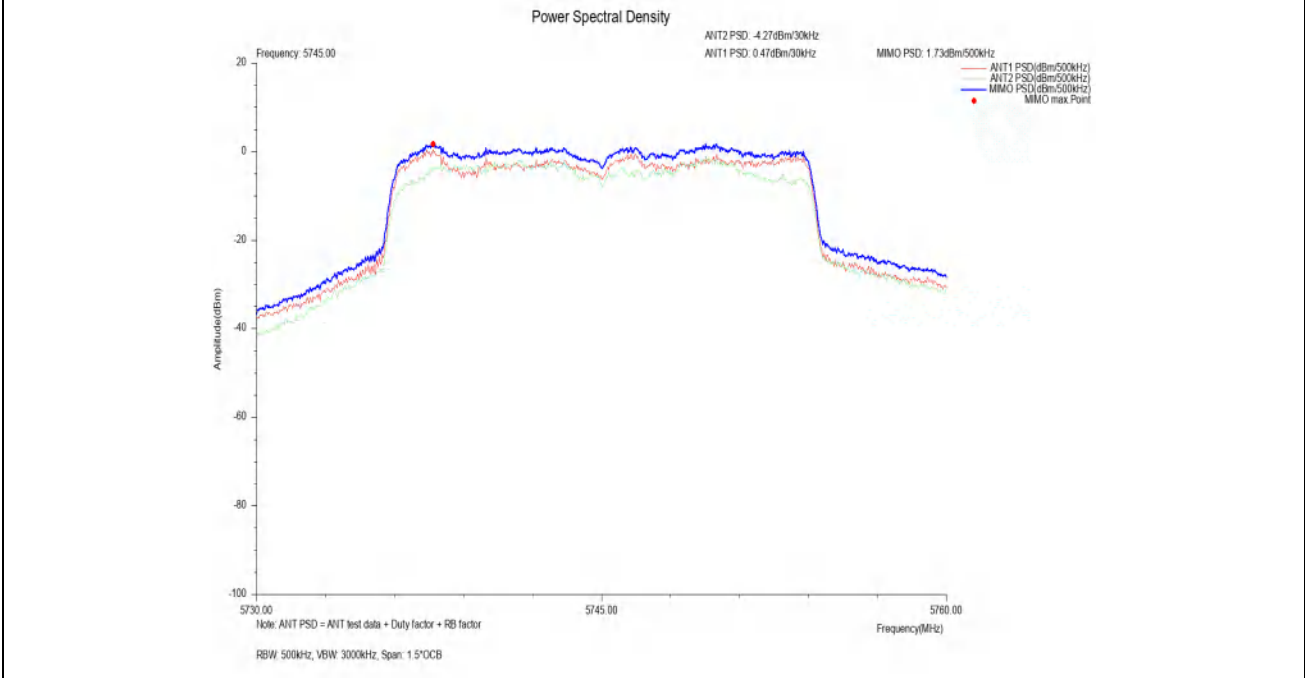
Page 161 of 285

Condition	Antenna	Mode	Frequency (MHz)	MIMO PSD(dBm/500kHz)	Limit(dBm/500kHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	5745.00	-0.61	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5785.00	-0.62	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5825.00	-2.17	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5745.00	1.73	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5785.00	2.86	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5825.00	1.21	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5745.00	-0.11	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5785.00	0.37	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5825.00	-1.40	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5755.00	-3.51	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5795.00	-4.00	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5755.00	-2.18	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5795.00	-0.87	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5755.00	-1.73	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5795.00	-1.47	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5775.00	-3.46	30	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5775.00	-4.06	30	Pass

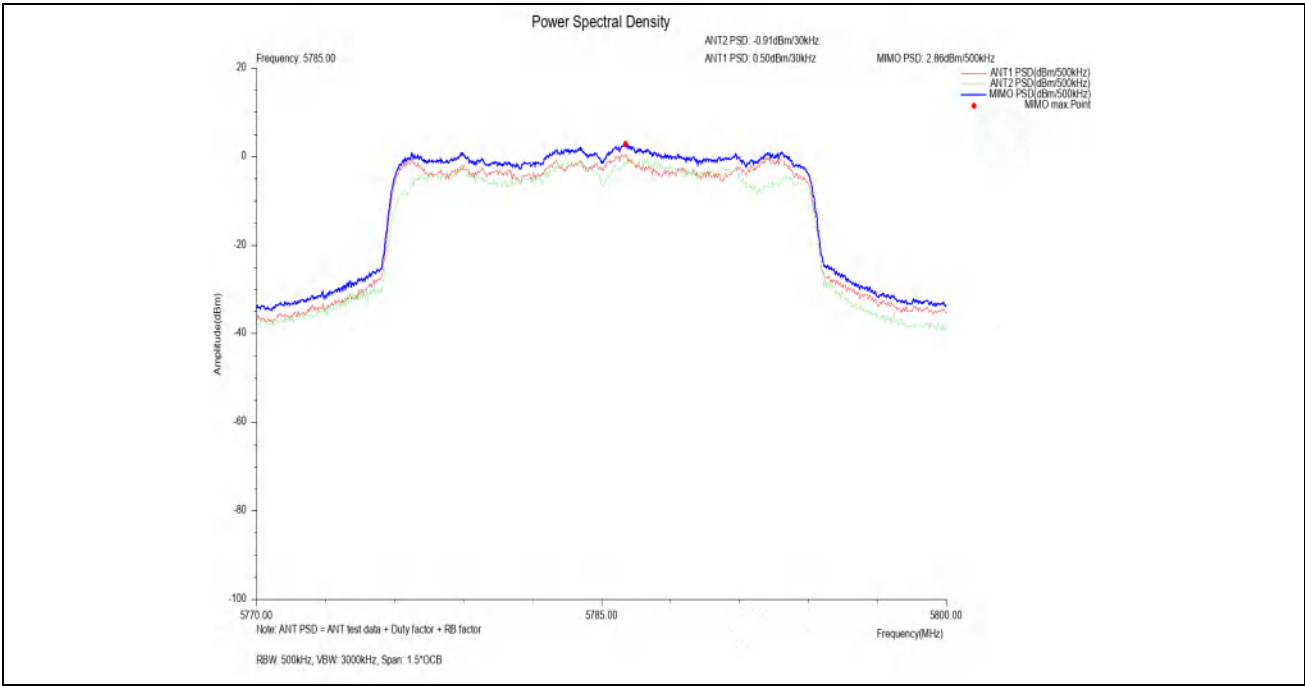




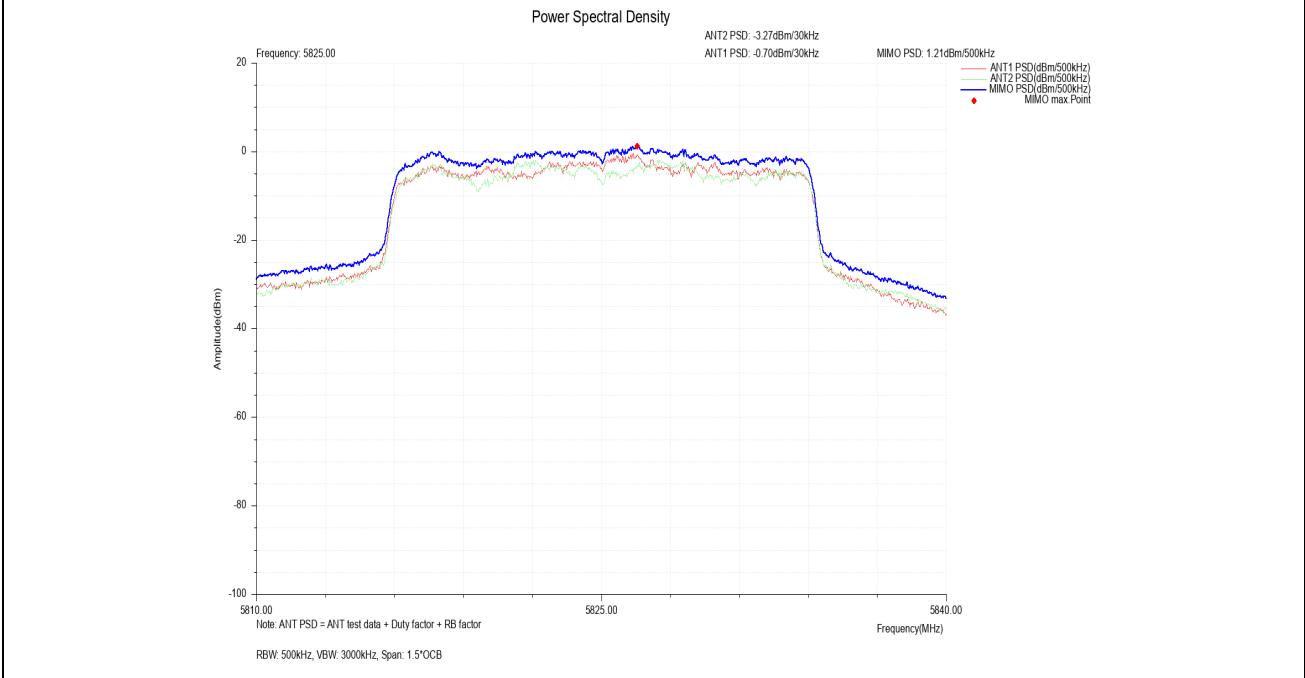
NVNT_MIMO_TX_802_11ac(VHT20)_Power Spectral Density_5745



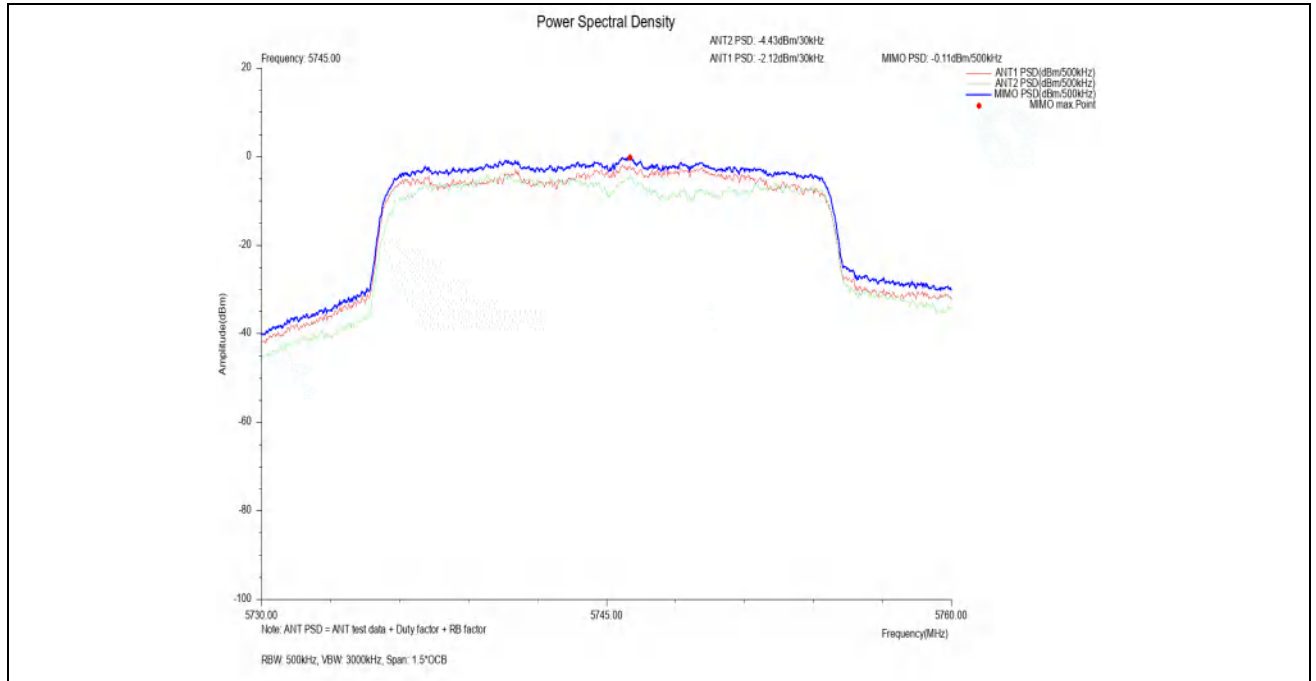
NVNT_MIMO_TX_802_11ac(VHT20)_Power Spectral Density_5785



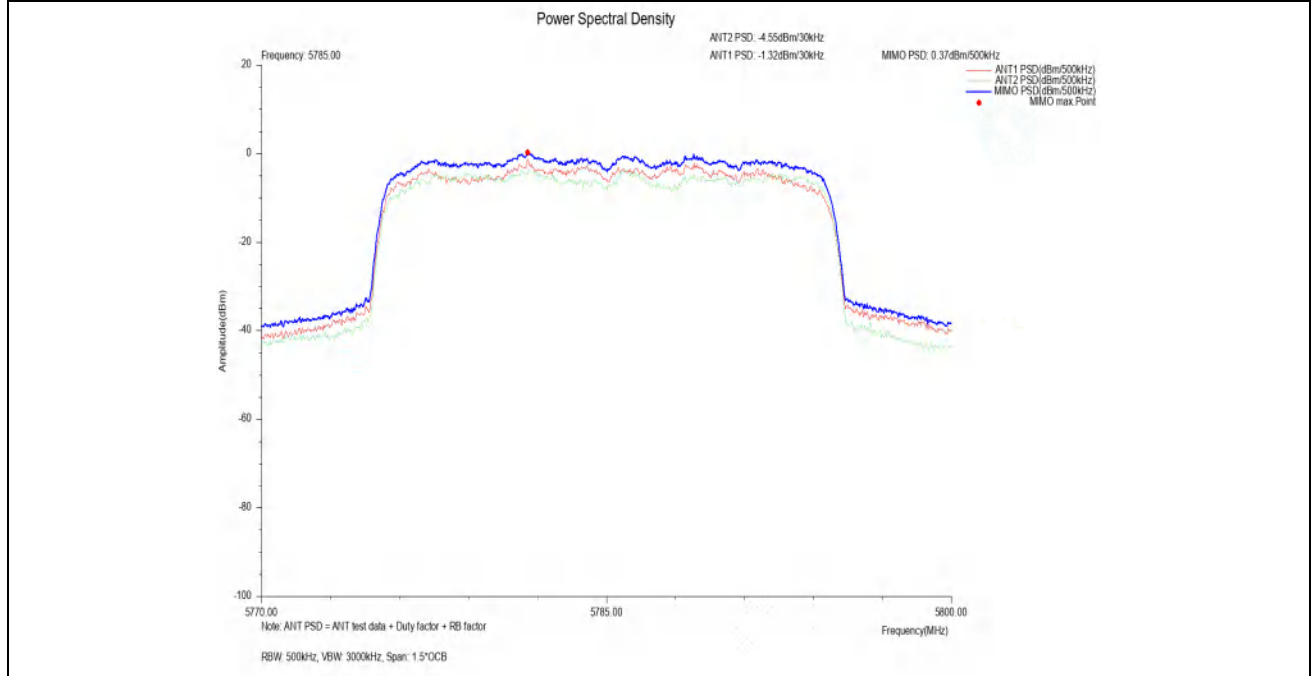
NVNT_MIMO_TX_802_11ac(VHT20) Power Spectral Density 5825



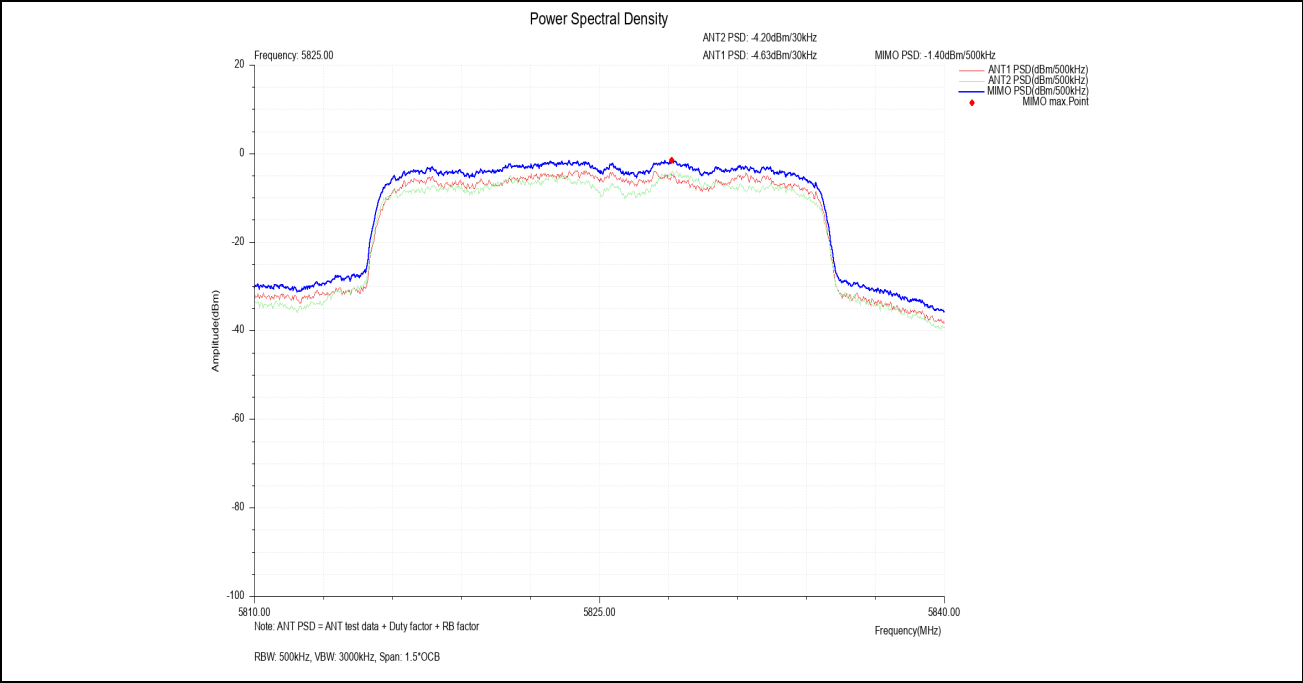
NVNT_MIMO_TX_802_11ax(HE20) Power Spectral Density 5745



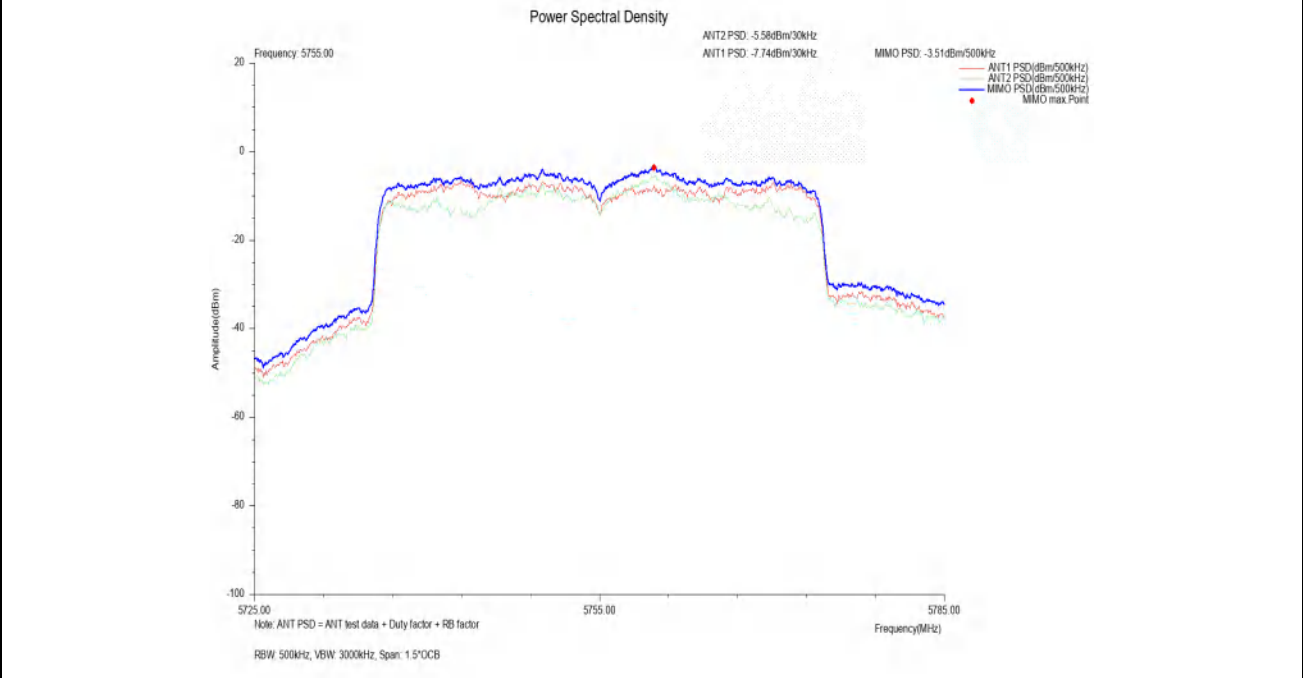
NVNT_MIMO_TX_802_11ax(HE20)_Power_Spectral_Density_5785



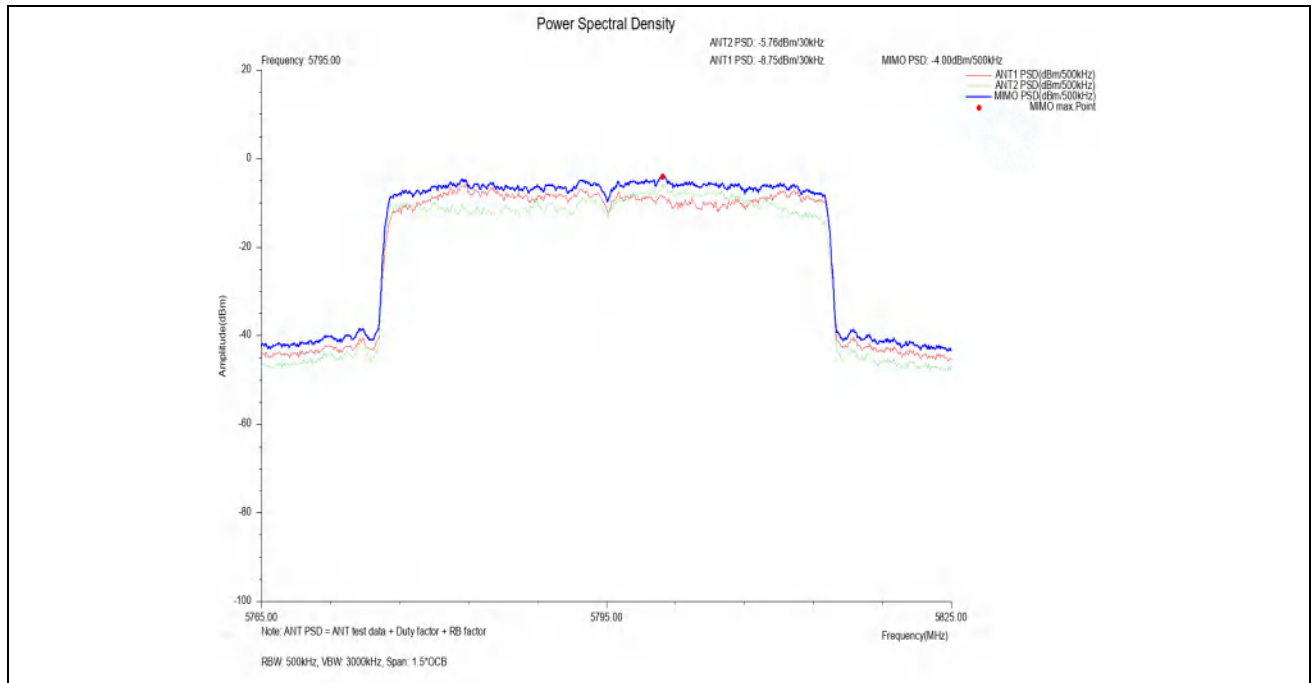
NVNT_MIMO_TX_802_11ax(HE20)_Power_Spectral_Density_5825



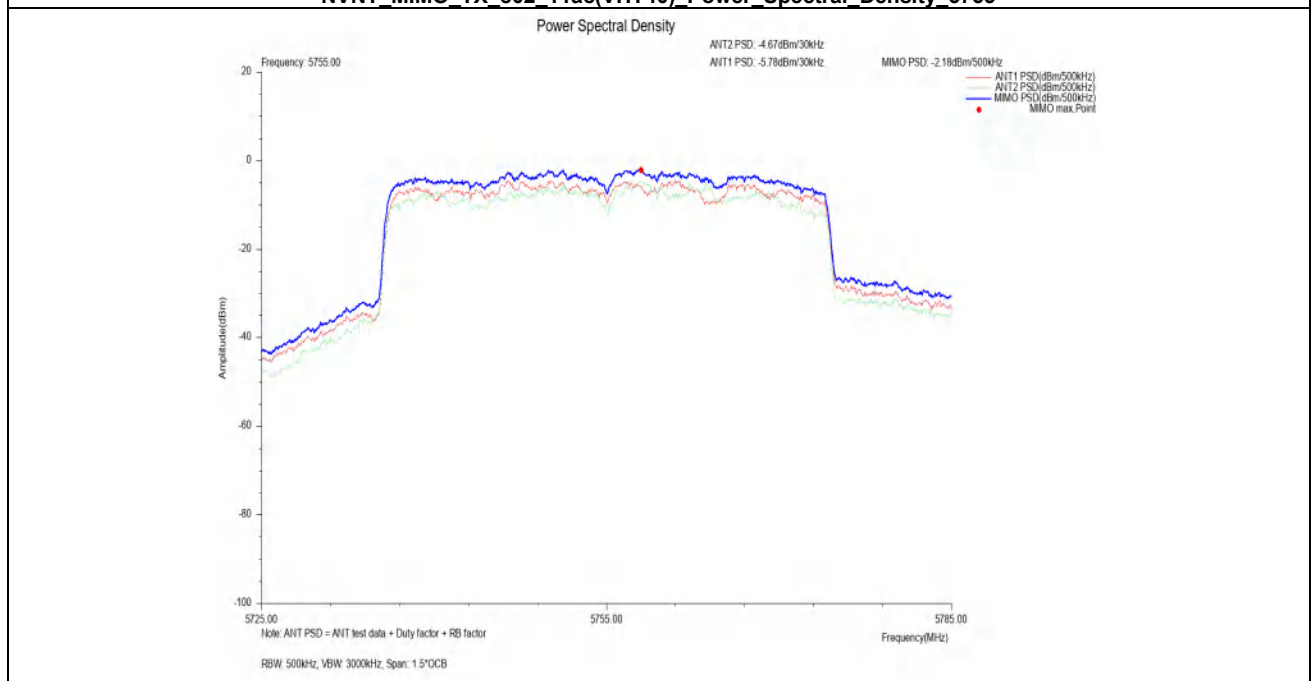
NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_5755



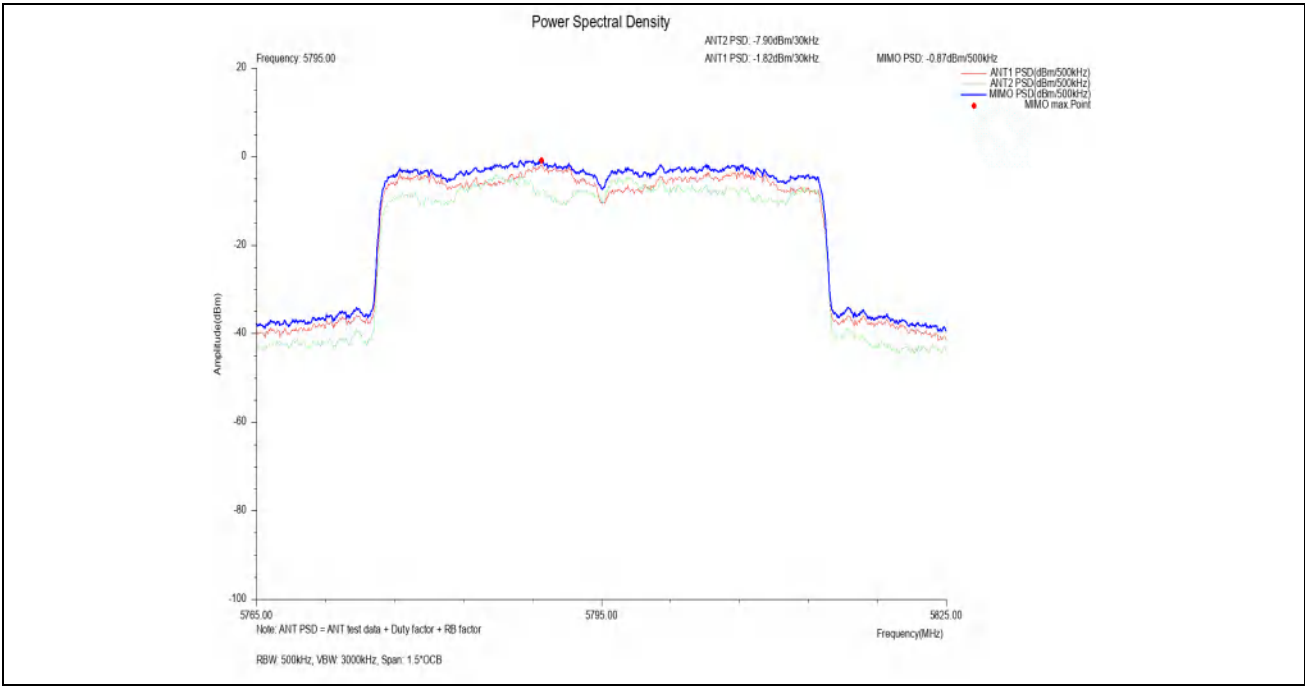
NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_5795



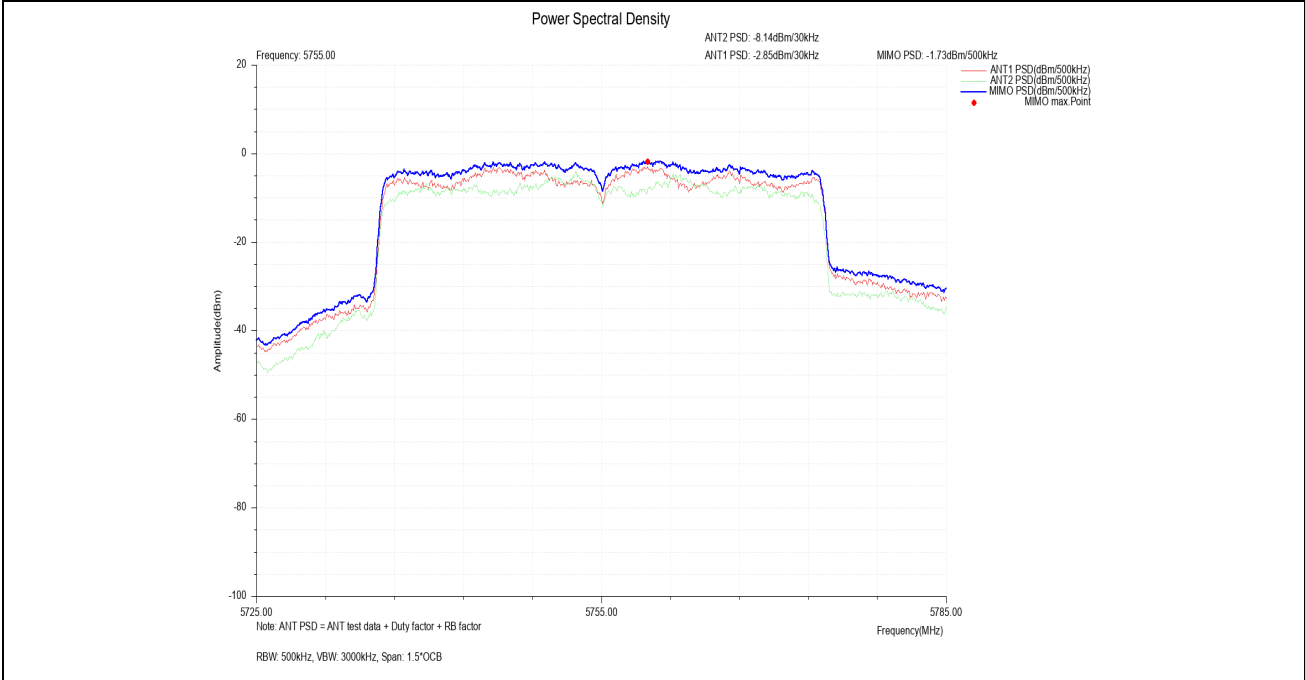
NVNT_MIMO_TX_802_11ac(VHT40)_Power Spectral Density_5755



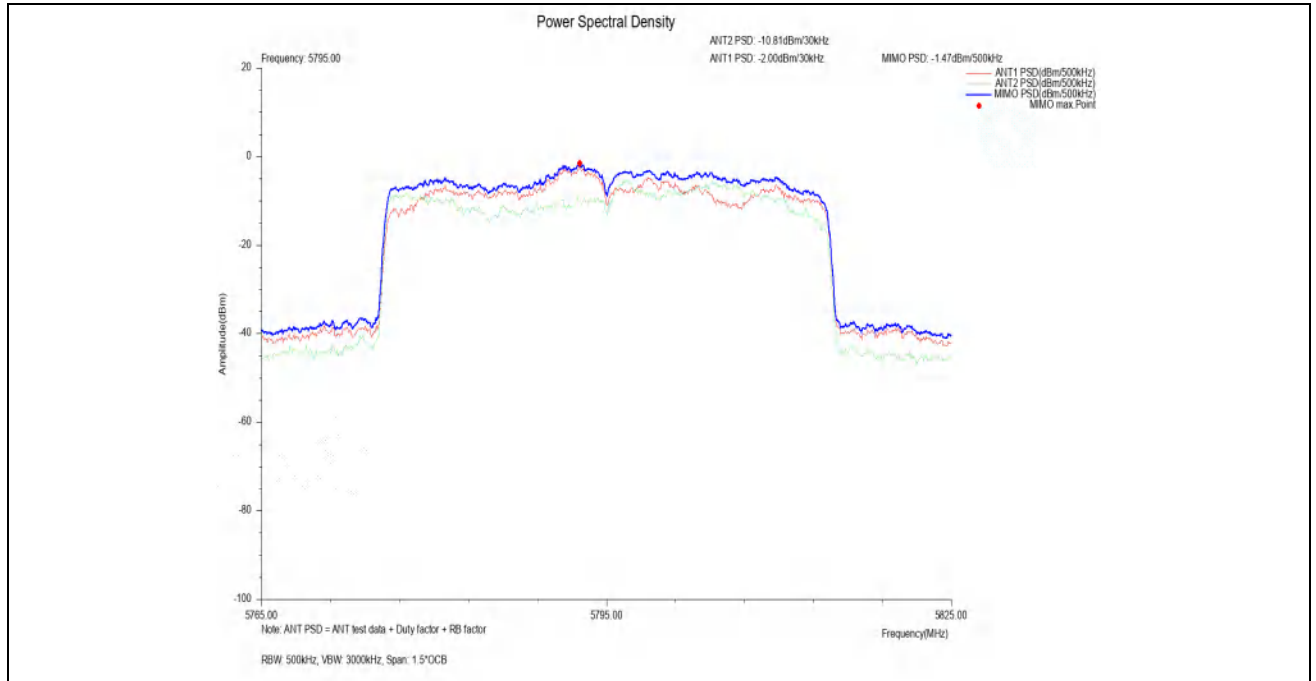
NVNT_MIMO_TX_802_11ac(VHT40)_Power Spectral Density_5795



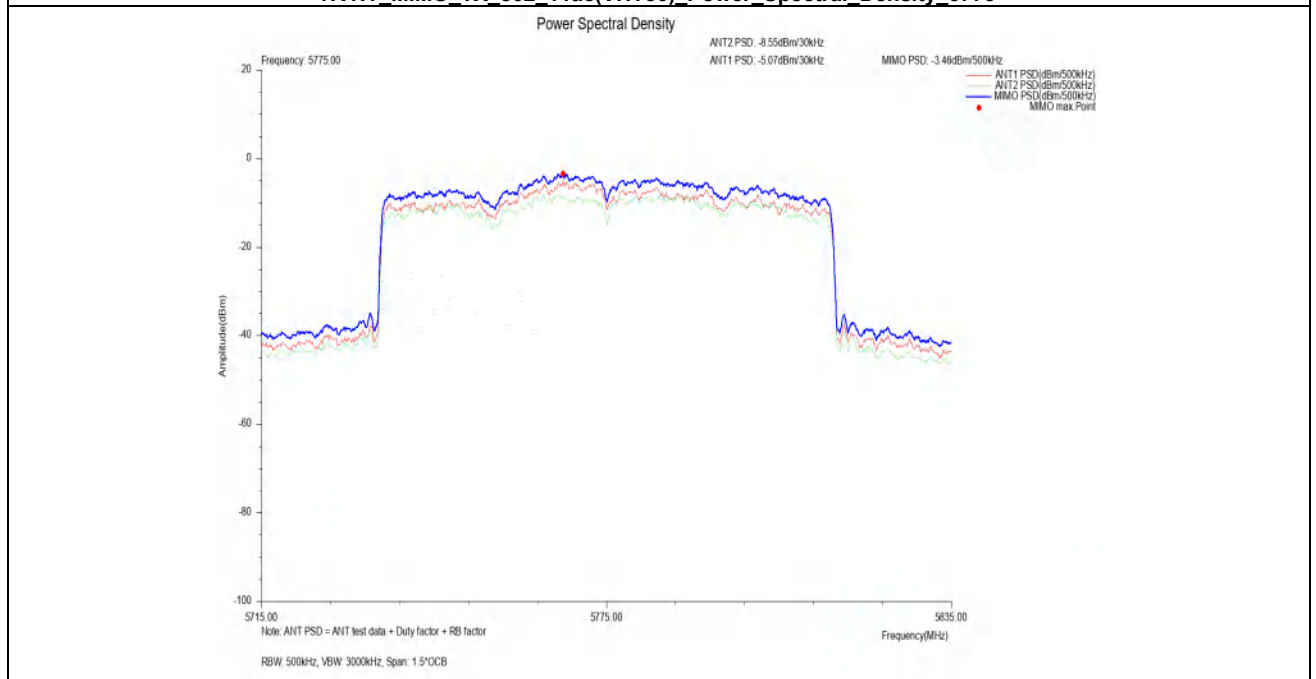
NVNT_MIMO_TX_802_11ax(HE40)_Power_Spectral_Density_5755



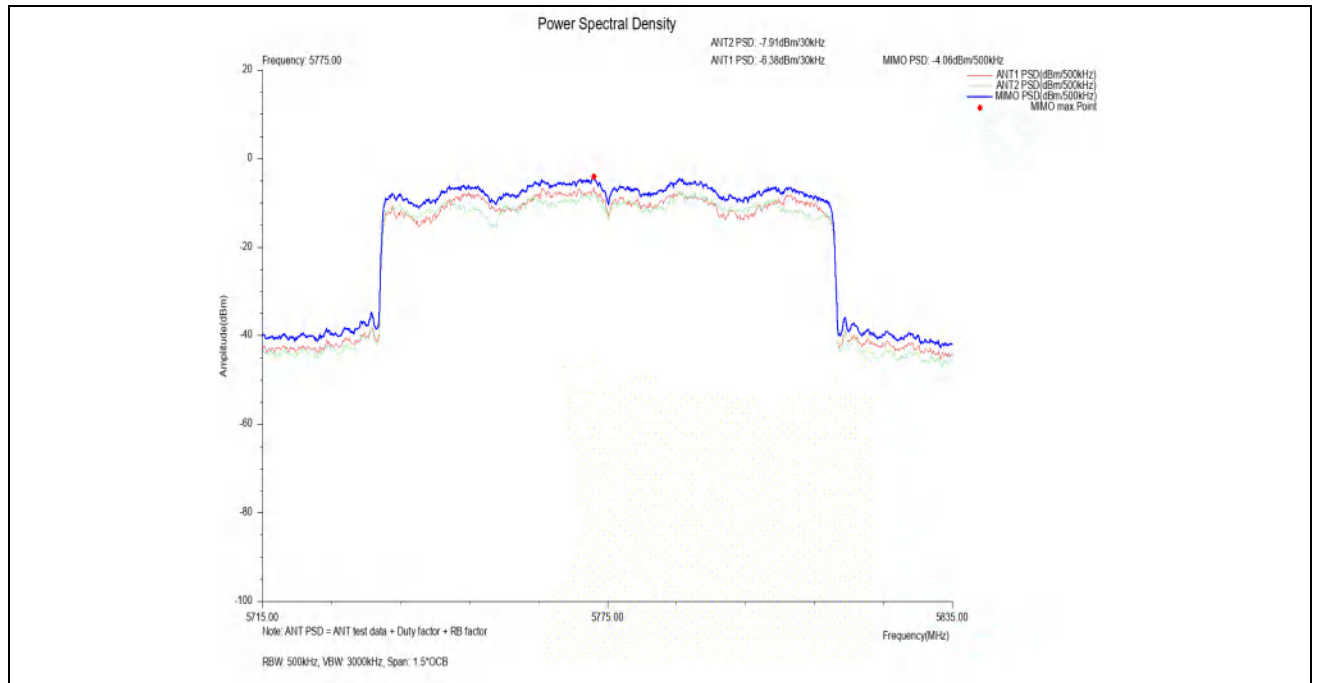
NVNT_MIMO_TX_802_11ax(HE40)_Power_Spectral_Density_5795



NVNT_MIMO_TX_802_11ac(VHT80) Power Spectral Density 5775



NVNT_MIMO_TX_802_11ax(HE80) Power Spectral Density 5775



4. Transmitter Spurious Emissions

Note:

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

4.1 Transmitter Spurious Emissions, Below 1GHz



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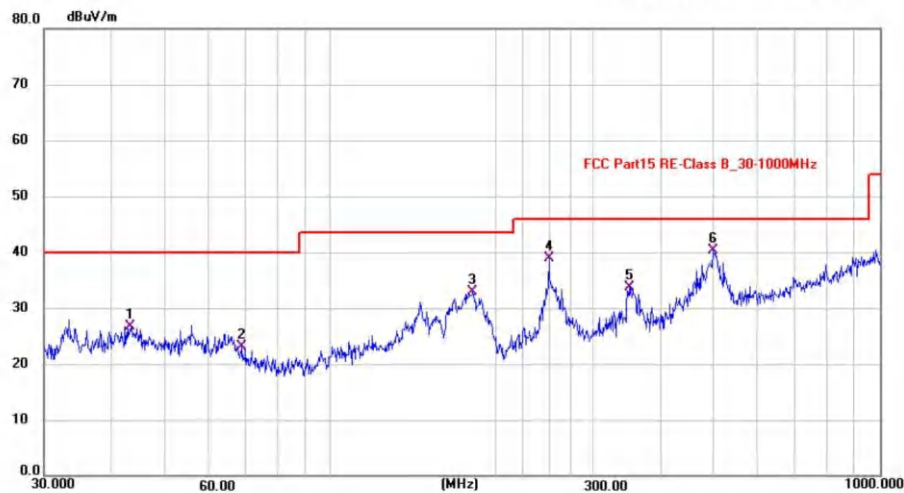
Test Site: PSI EMC Lab-3m Chamber
EUT: Laser 3D Scanner
M/N: FreeScan TE31W
Test Mode: a 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/3/21 14:36:17



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	43.2014	12.73	14.04	26.77	40.00	-13.23	QP	100	213	P	
2	69.1140	11.54	11.54	23.08	40.00	-16.92	QP	100	241	P	
3	181.2834	20.08	12.74	32.82	43.50	-10.68	QP	100	126	P	
4	249.9721	25.50	13.50	39.00	46.00	-7.00	QP	100	26	P	
5	349.7094	17.15	16.56	33.71	46.00	-12.29	QP	100	332	P	
6 *	497.0224	20.56	19.77	40.33	46.00	-5.67	QP	100	1	P	

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

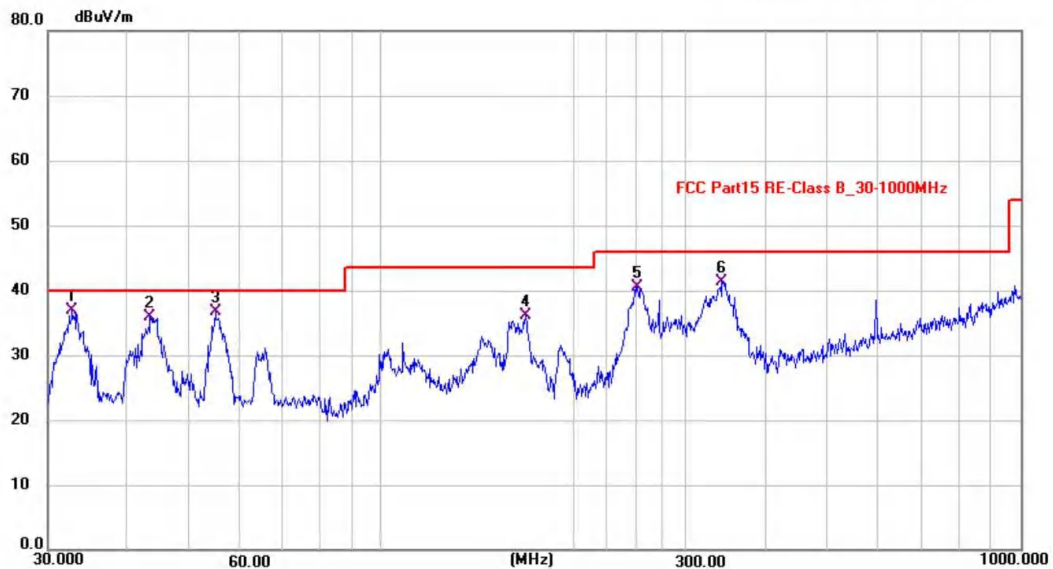


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: FreeScan TE31W Test Engineer: Felix
Test Mode: a 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/3/21 14:41:43



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 *	32.7916	23.32	13.50	36.82	40.00	-3.18	QP	100	24	P	
2	43.4866	21.86	14.02	35.88	40.00	-4.12	QP	100	15	P	
3	54.9310	23.20	13.50	36.70	40.00	-3.30	QP	100	122	P	
4	168.1922	21.57	14.47	36.04	43.50	-7.46	QP	100	176	P	
5	251.9522	27.02	13.54	40.56	46.00	-5.44	QP	100	12	P	
6	341.8288	25.03	16.34	41.37	46.00	-4.63	QP	100	12	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: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: FreeScan TE31W Test Engineer: Felix
Test Mode: a 5200MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/3/21 14:47:14



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	33.0950	21.62	13.50	35.12	40.00	-4.88	QP	100	32	P	
2	43.7160	22.27	14.00	36.27	40.00	-3.73	QP	100	214	P	
3 *	54.8588	23.01	13.51	36.52	40.00	-3.48	QP	100	125	P	
4	162.1124	20.71	14.99	35.70	43.50	-7.80	QP	100	166	P	
5	251.2905	26.58	13.53	40.11	46.00	-5.89	QP	100	135	P	
6	342.8792	24.66	16.38	41.04	46.00	-4.96	QP	100	23	P	

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

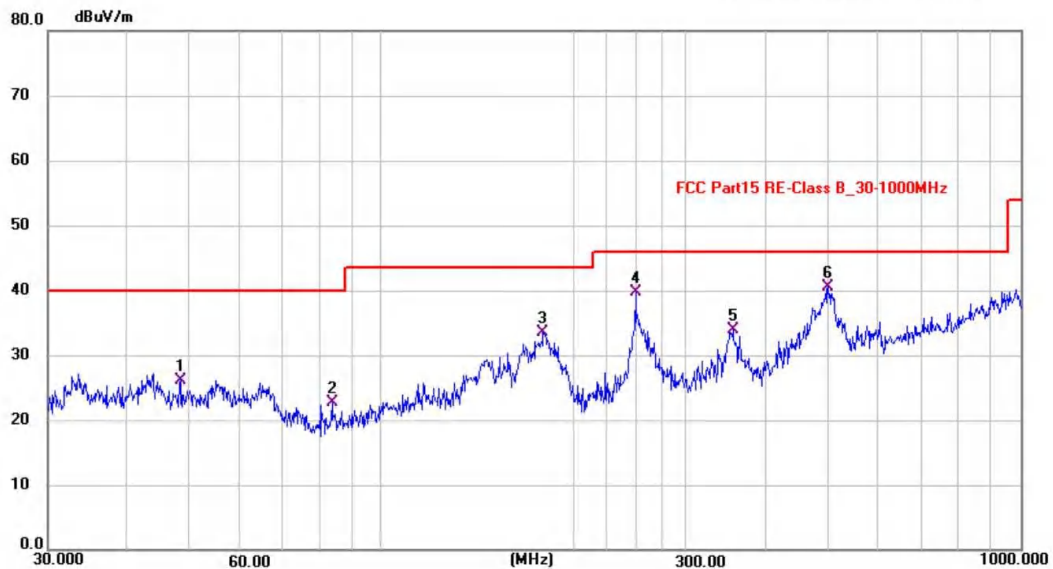


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: FreeScan TE31W Test Engineer: Felix
Test Mode: a 5200MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/3/21 14:53:31



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	48.5865	12.41	13.79	26.20	40.00	-13.80	QP	100	165	P	
2	83.6687	12.54	10.07	22.61	40.00	-17.39	QP	100	236	P	
3	178.9934	20.41	13.02	33.43	43.50	-10.07	QP	100	32	P	
4	249.9721	26.25	13.50	39.75	46.00	-6.25	QP	100	21	P	
5	354.3383	17.15	16.66	33.81	46.00	-12.19	QP	100	336	P	
6 *	499.8625	20.69	19.82	40.51	46.00	-5.49	QP	100	42	P	

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

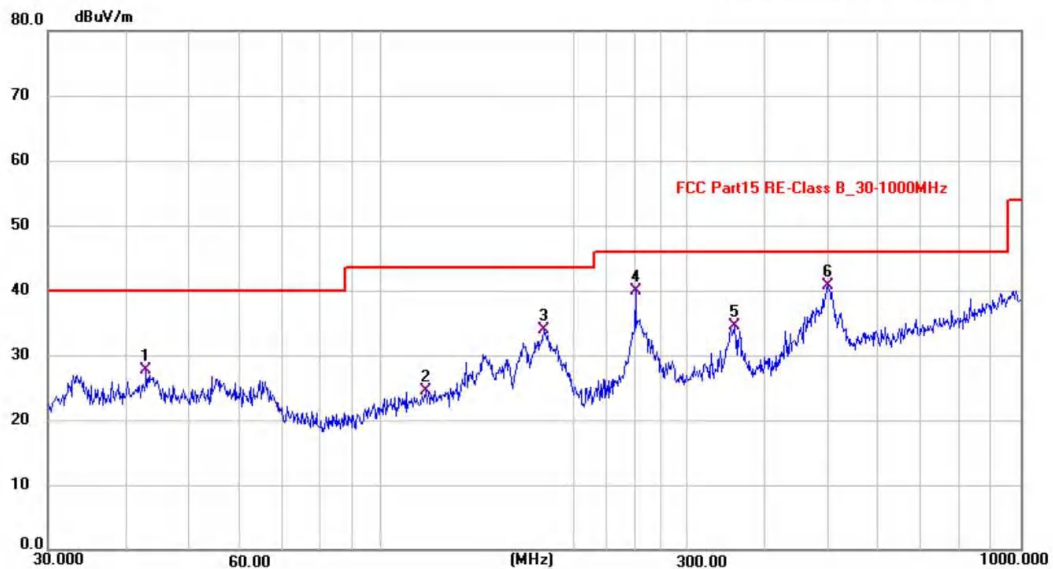


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
 EUT: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
 M/N: FreeScan TE31W Test Engineer: Felix
 Test Mode: a 5240MHz
 Test Voltage: AC 120V/60Hz
 Note:

Radiated Emission Measurement

Test Date: 2026/3/21 14:59:05



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	42.7870	13.55	14.08	27.63	40.00	-12.37	QP	100	251	P	
2	117.6693	11.55	12.89	24.44	43.50	-19.06	QP	100	124	P	
3	179.9376	20.95	12.89	33.84	43.50	-9.66	QP	100	12	P	
4	250.0817	26.49	13.50	39.99	46.00	-6.01	QP	100	175	P	
5	357.3016	17.73	16.72	34.45	46.00	-11.55	QP	100	267	P	
6 *	499.6435	20.93	19.82	40.75	46.00	-5.25	QP	100	235	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: Laser 3D Scanner

Distance: 3m

Humidity: 54 %RH

M/N: FreeScan TE31W

Test Engineer: Felix

Test Mode: a 5240MHz

Test Voltage: AC 120V/60Hz

Note:

Radiated Emission Measurement

Test Date: 2026/3/21 15:05:26



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 *	32.3207	24.67	13.48	38.15	40.00	-1.85	QP	100	324	P	
2	43.9465	22.30	13.98	36.28	40.00	-3.72	QP	100	134	P	
3	54.7627	21.65	13.50	35.15	40.00	-4.85	QP	100	43	P	
4	161.1913	20.12	15.07	35.19	43.50	-8.31	QP	100	266	P	
5	251.2905	27.61	13.53	41.14	46.00	-4.86	QP	100	3	P	
6	346.2015	24.51	16.47	40.98	46.00	-5.02	QP	100	23	P	

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

4.2 Transmitter Spurious Emissions, above 1GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.
All modes tested, only the worst case reported.

U-NII-1 Band:



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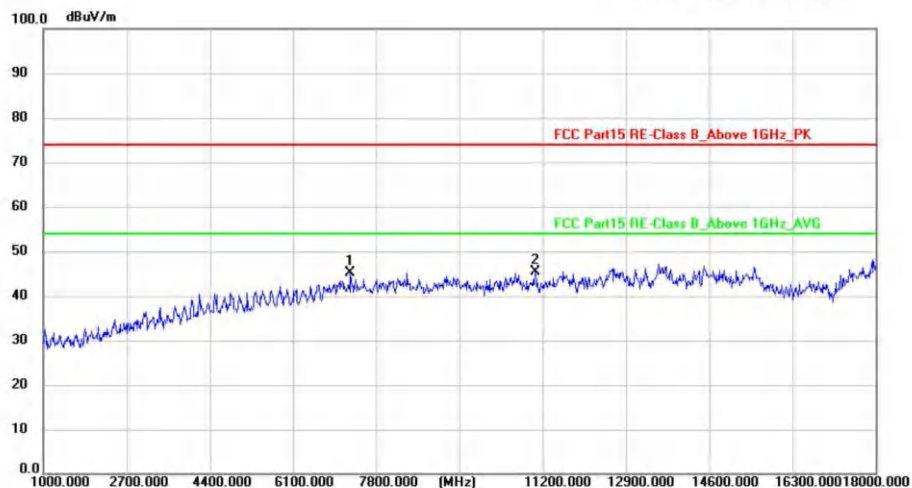
Test Site: PSI EMC Lab-3m Chamber
EUT: Laser 3D Scanner
M/N: FreeScan TE31W
Test Mode: a 5180MHz
Test Voltage: AC 120V/60Hz
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/3/20 9:20:17



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	7279.375	56.20	-11.17	45.03	74.00	-28.97	peak	150	332	P	
2 *	11061.875	54.34	-8.93	45.41	74.00	-28.59	peak	150	257	P	

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

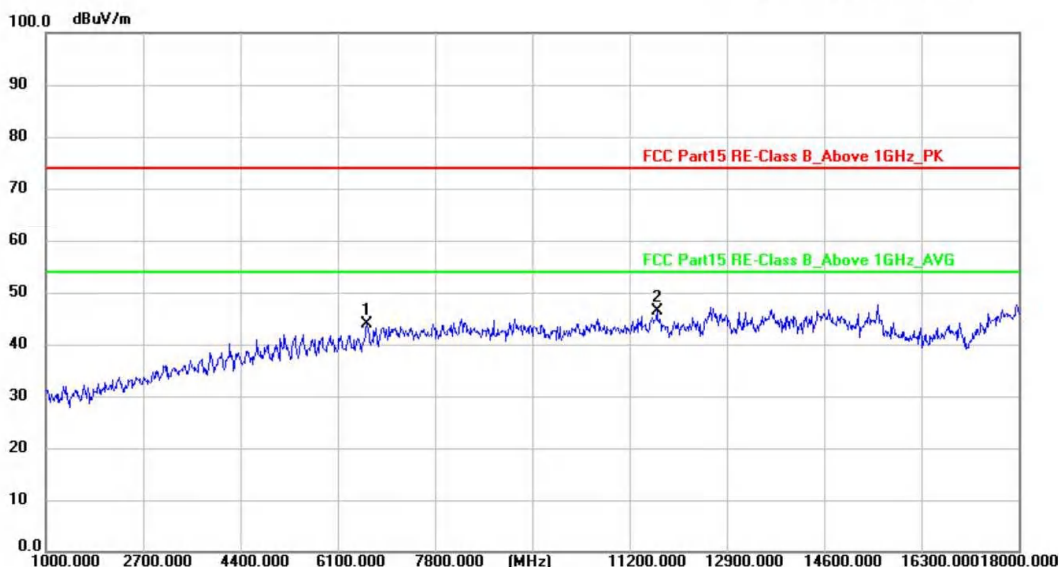


Shenzhen PSI Testing Co., Ltd.
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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: FreeScan TE31W Test Engineer: Felix
Test Mode: a 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/3/20 9:25:56



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	6624.875	56.14	-12.24	43.90	74.00	-30.10	peak	150	122	P	
2 *	11682.375	55.11	-8.73	46.38	74.00	-27.62	peak	150	1	P	

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

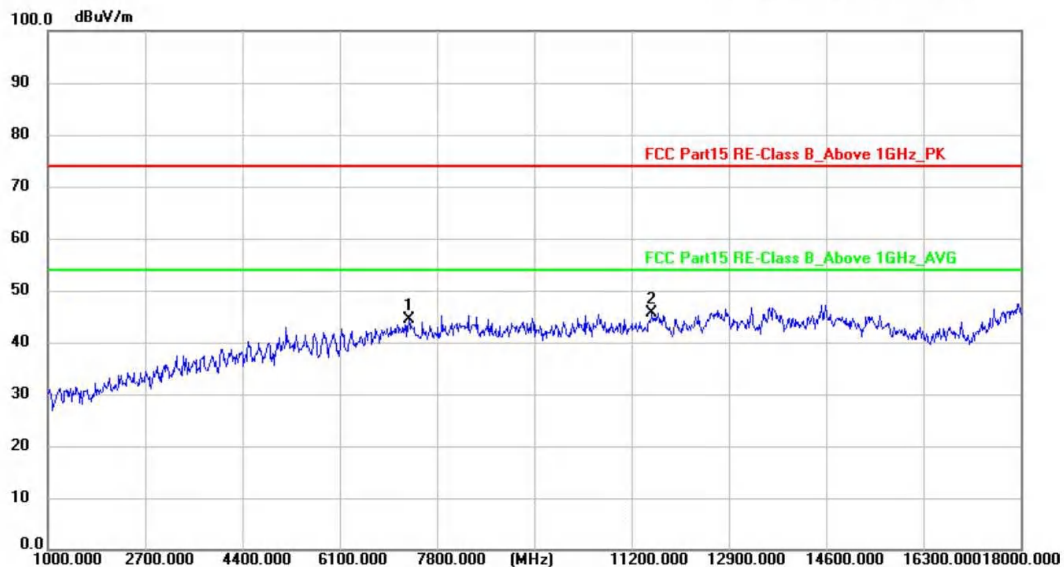


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: FreeScan TE31W Test Engineer: Felix
Test Mode: n20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/3/20 9:31:06



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	7313.375	55.46	-11.15	44.31	74.00	-29.69	peak	150	33	P	
2 *	11565.500	54.42	-8.78	45.64	74.00	-28.36	peak	150	170	P	

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

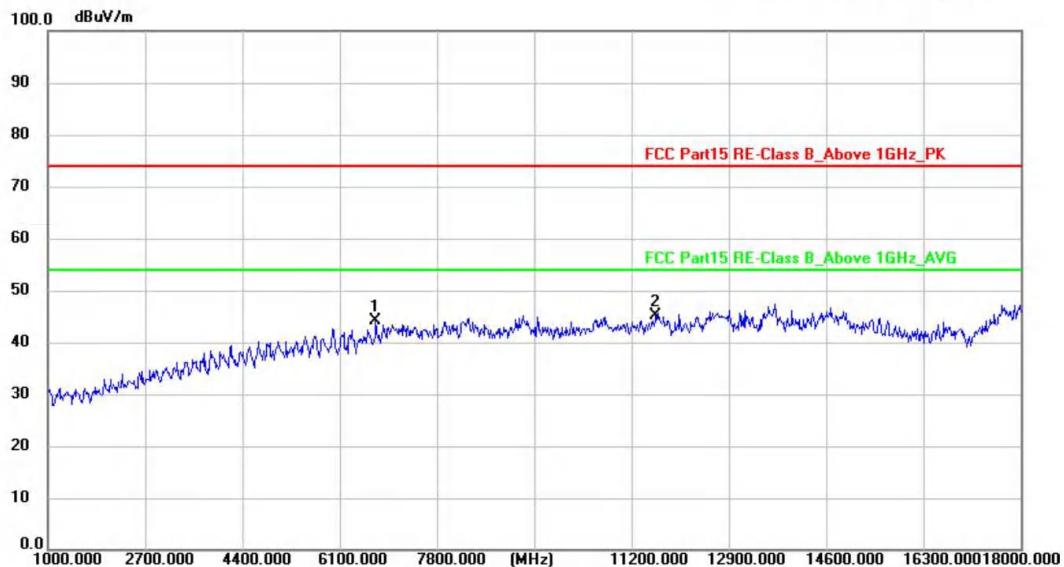


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: FreeScan TE31W Test Engineer: Felix
Test Mode: n20 5180MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/3/20 9:37:13



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	6737.500	56.11	-11.97	44.14	74.00	-29.86	peak	150	124	P	
2 *	11631.375	53.88	-8.74	45.14	74.00	-28.86	peak	150	75	P	

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

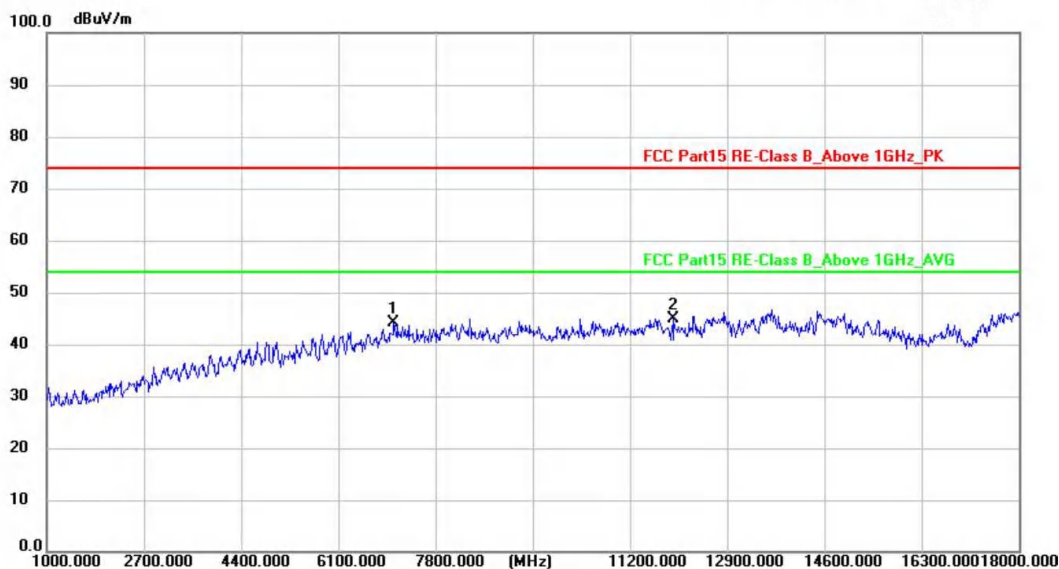


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: Laser 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: FreeScan TE31W	Test Engineer: Felix	
Test Mode: a 5200MHz		
Test Voltage: AC 120V/60Hz		
Note:		

Radiated Emission Measurement

Test Date: 2026/3/20 10:06:43



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	7081.750	55.39	-11.31	44.08	74.00	-29.92	peak	150	24	P	
2 *	11973.500	53.63	-8.64	44.99	74.00	-29.01	peak		208	P	

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

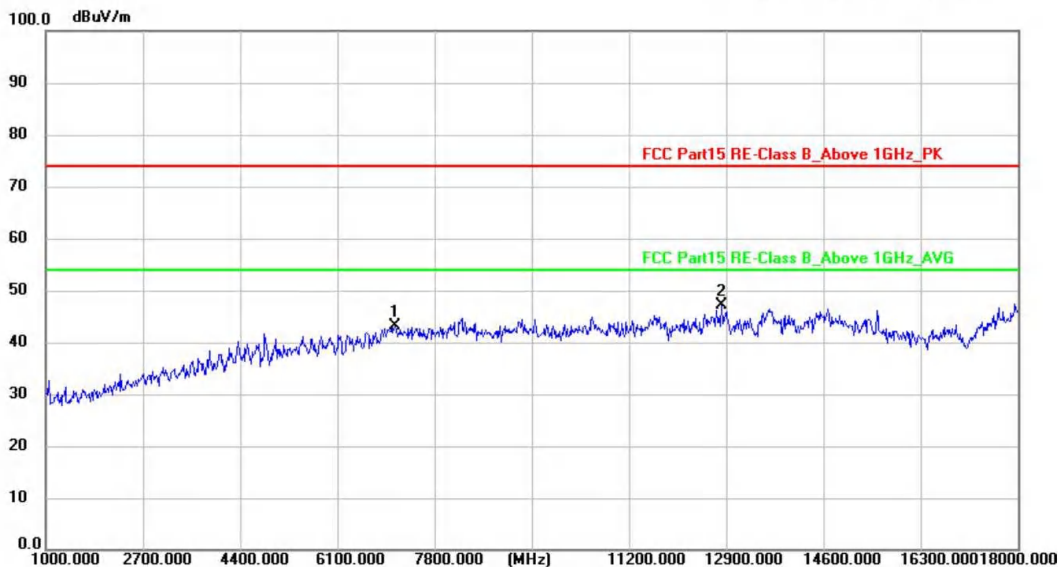


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: FreeScan TE31W Test Engineer: Felix
Test Mode: a 5200MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/3/20 10:12:48



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	7113.625	54.46	-11.29	43.17	74.00	-30.83	peak	150	11	P	
2 *	12823.500	54.91	-7.80	47.11	74.00	-26.89	peak	150	276	P	

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

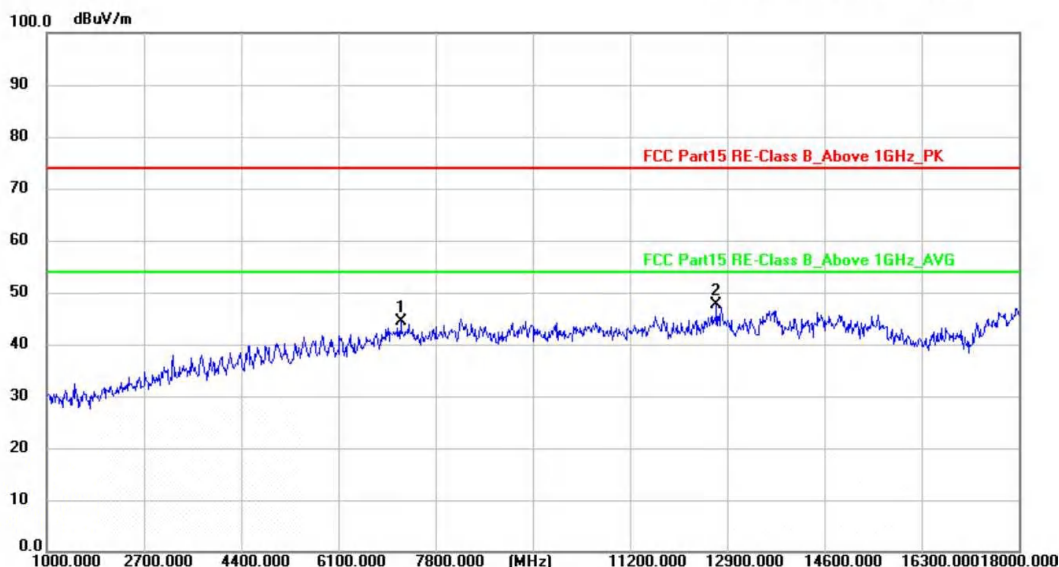


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: Laser 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: FreeScan TE31W Test Engineer: Felix
Test Mode: n20 5200MHz
Test Voltage: AC 120V/60Hz
Note:

Radiated Emission Measurement

Test Date: 2026/3/20 10:18:54



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	7196.500	55.59	-11.22	44.37	74.00	-29.63	peak	150	24	P	
2 *	12723.625	55.52	-7.90	47.62	74.00	-26.38	peak	150	215	P	

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

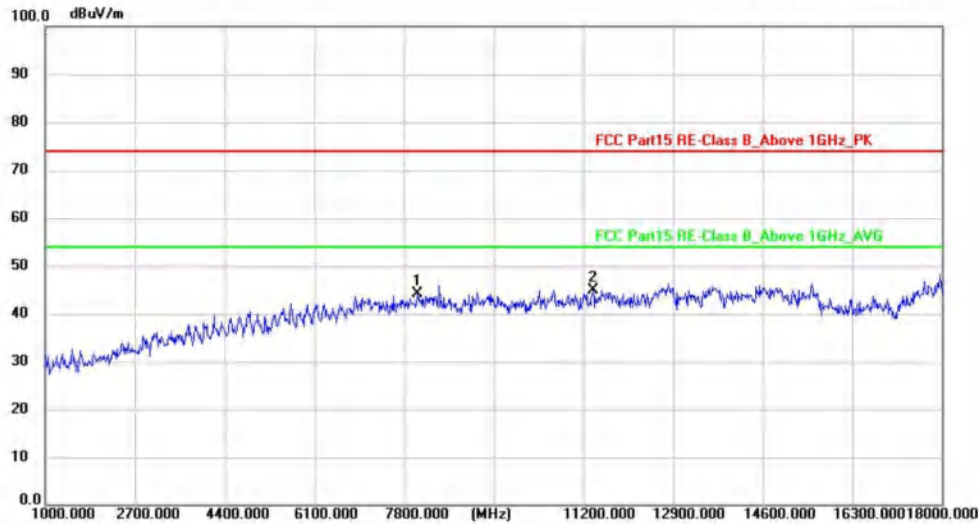


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: Laser 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: FreeScan TE31W	Test Engineer: Felix	
Test Mode: n205200MHz		
Test Voltage: AC 120V/60Hz		
Note:		

Radiated Emission Measurement

Test Date: 2026/3/20 10:23:00



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	8065.625	54.86	-10.65	44.21	74.00	-29.79	peak	150	25	P	
2 *	11391.250	53.69	-8.83	44.86	74.00	-29.14	peak	150	111	P	

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