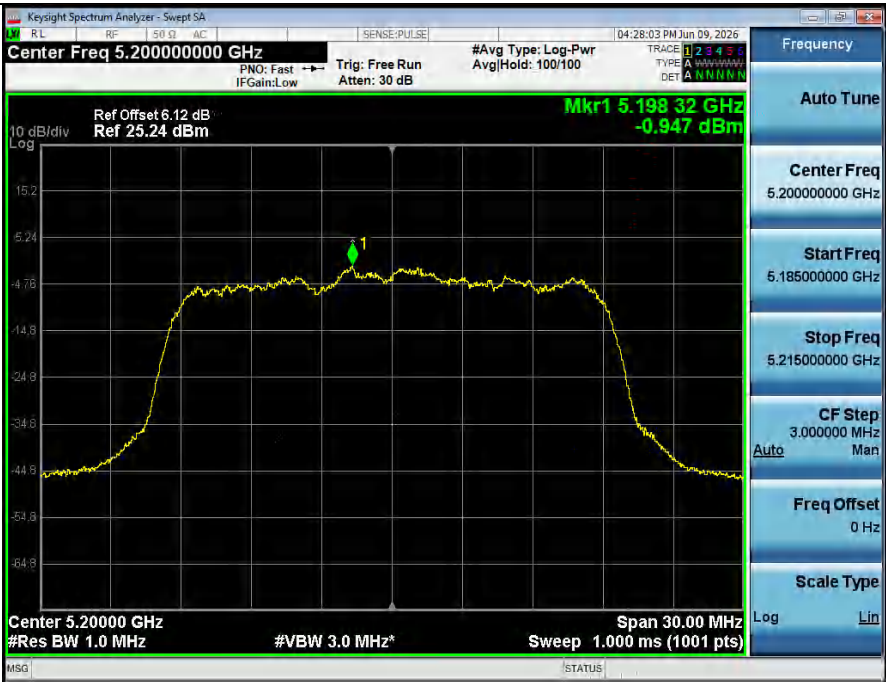




Power Spectral Density NVNT ANT2 802 11ax(HE20) 5200



Power Spectral Density NVNT ANT1 802 11ax(HE20) 5240



Power Spectral Density NVNT ANT2 802 11ax(HE20) 5240



Power Spectral Density NVNT ANT1 802 11n(HT40) 5190



Power Spectral Density NVNT ANT2 802 11n(HT40) 5190



Power Spectral Density NVNT ANT1 802 11n(HT40) 5230



Power Spectral Density NVNT ANT2 802_11n(HT40)_5230



Power Spectral Density NVNT ANT1 802_11ac(VHT40)_5190



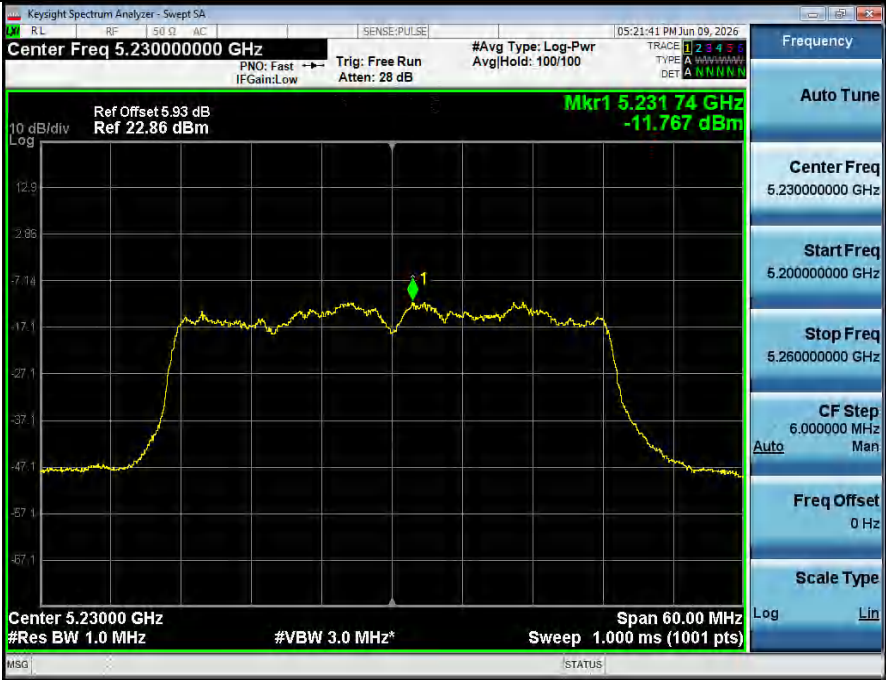
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Power Spectral Density NVNT ANT1 802_11ac(VHT40) 5230



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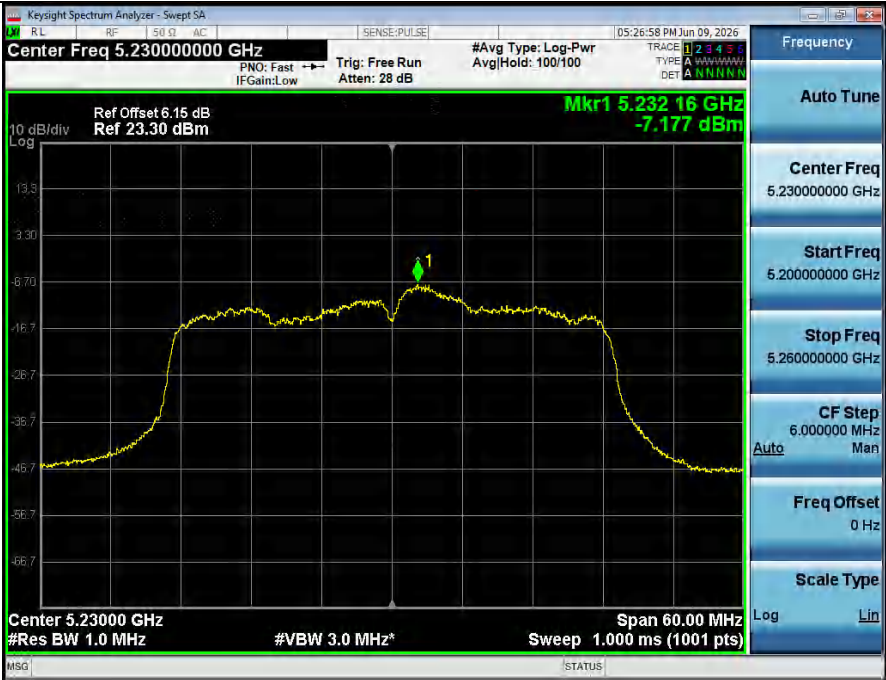
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Power Spectral Density NVNT ANT1 802 11ax(HE40) 5230



Power Spectral Density NVNT ANT2 802 11ax(HE40) 5230



Power Spectral Density NVNT ANT1 802 11ac(VHT80) 5210



Power Spectral Density NVNT ANT2 802 11ac(VHT80) 5210



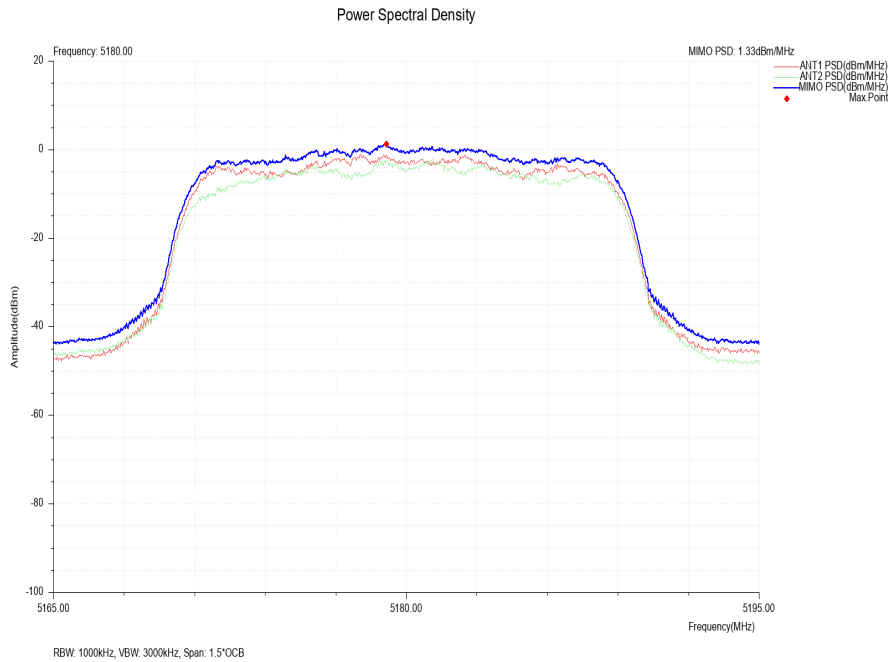
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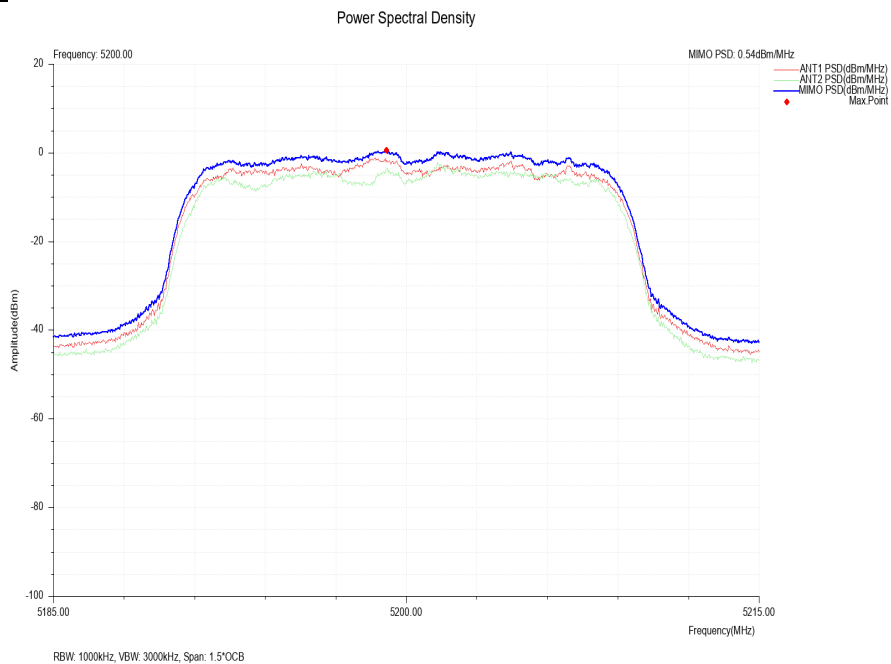
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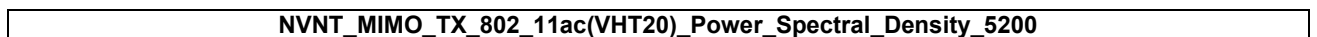
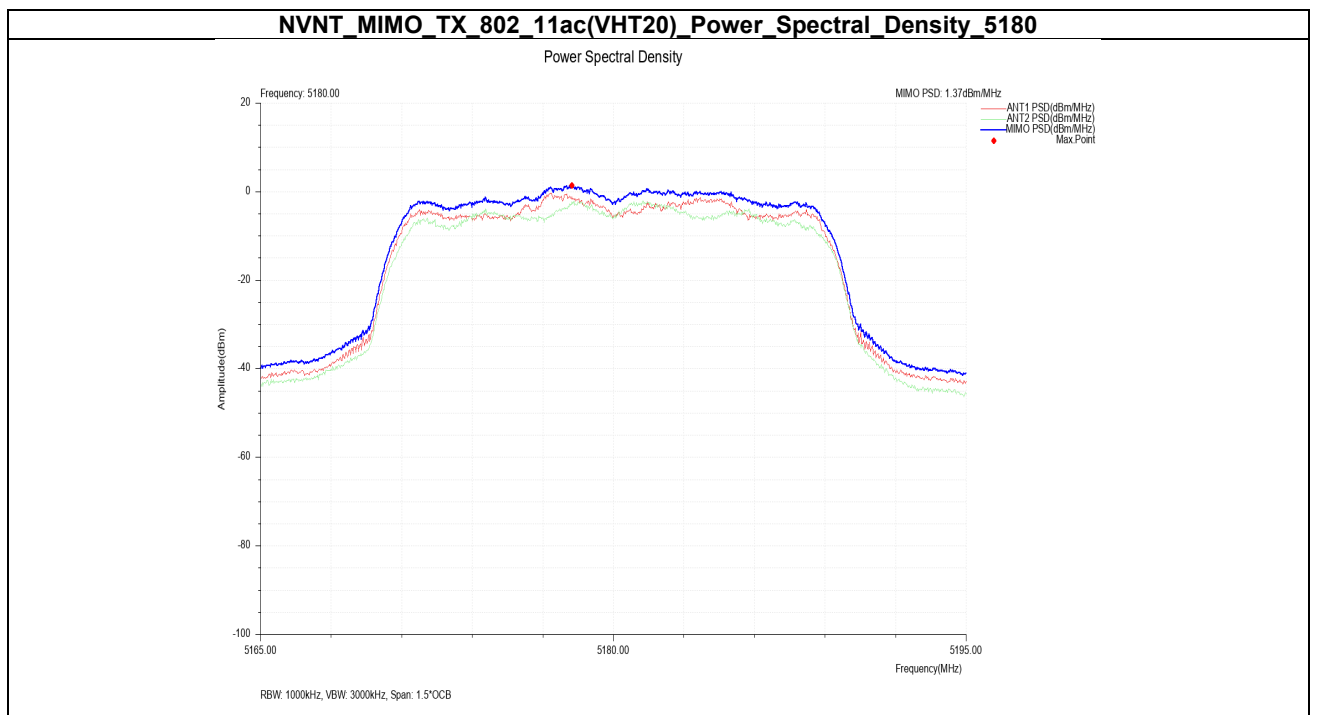
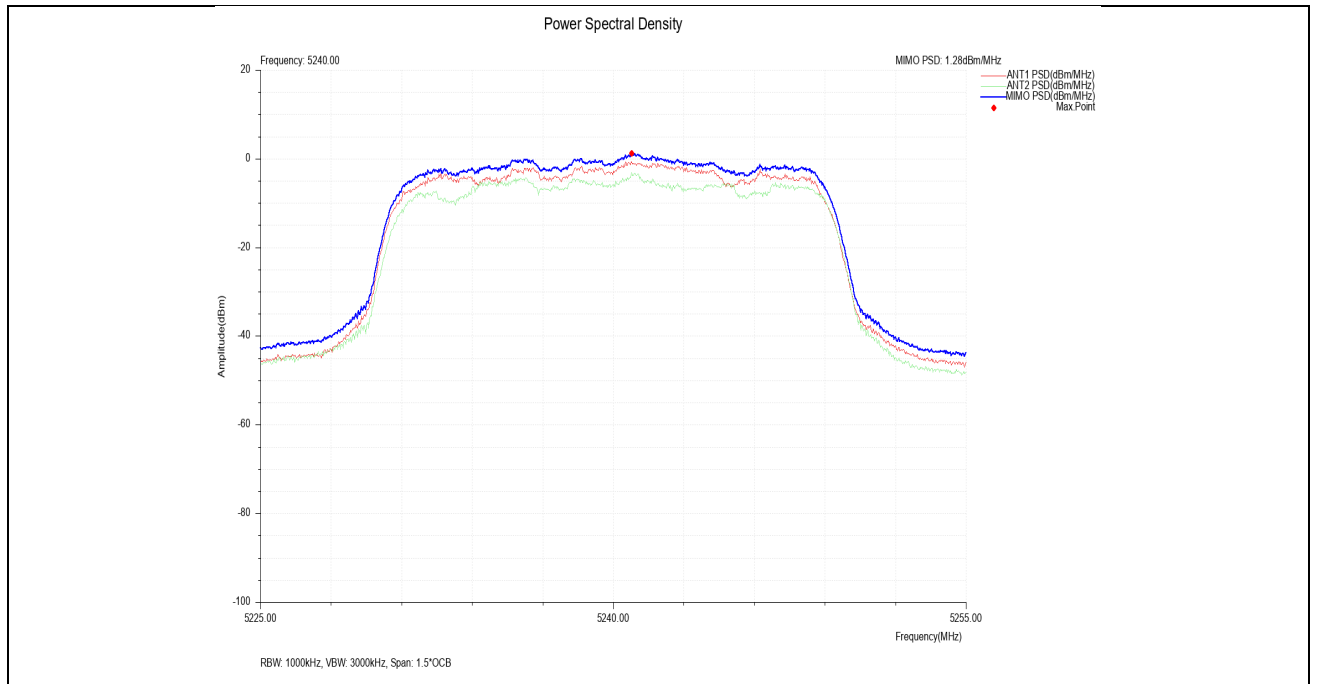
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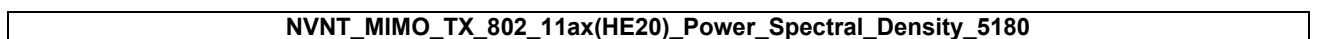
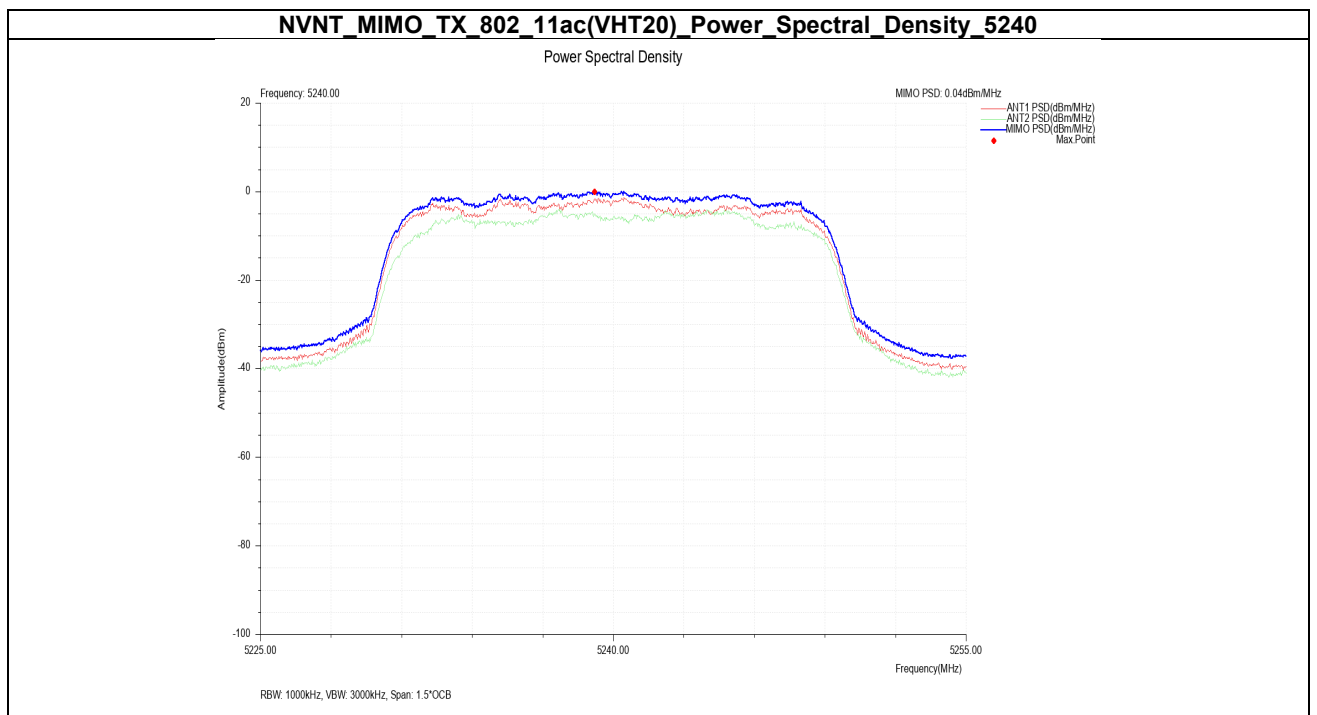
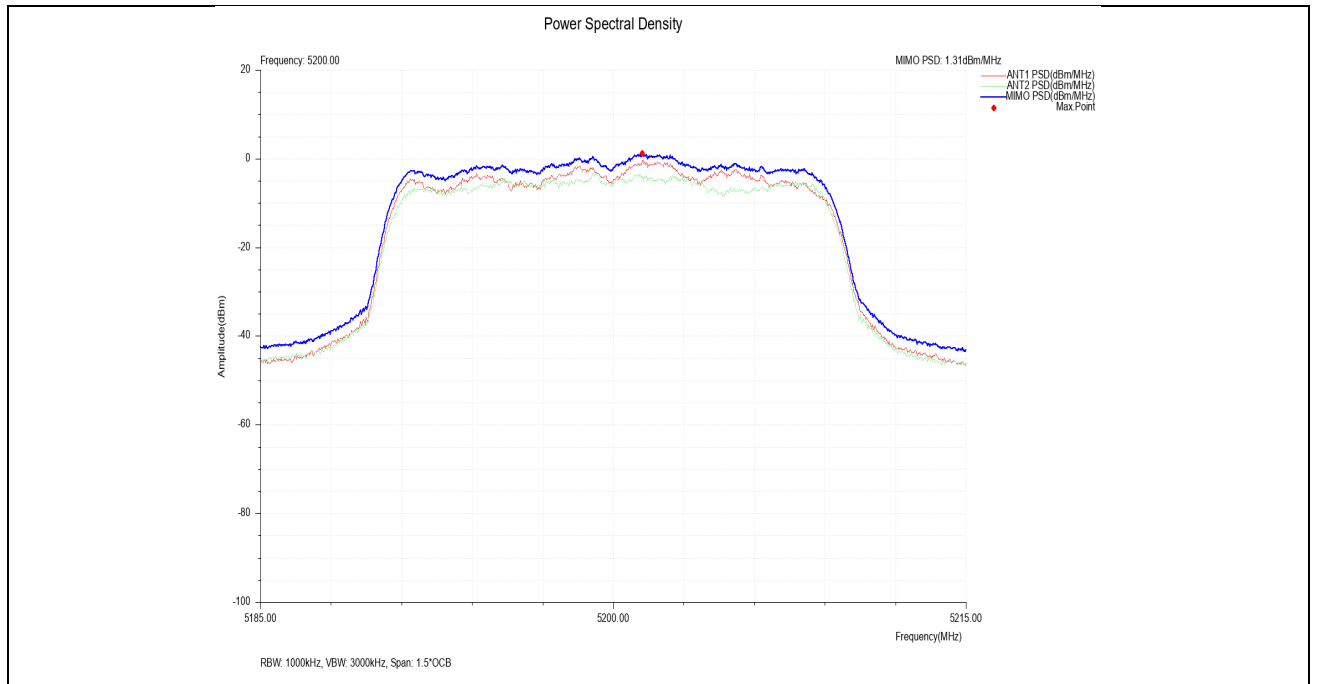


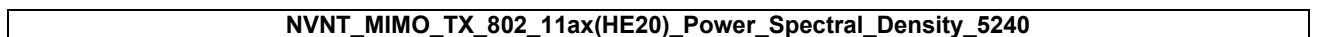
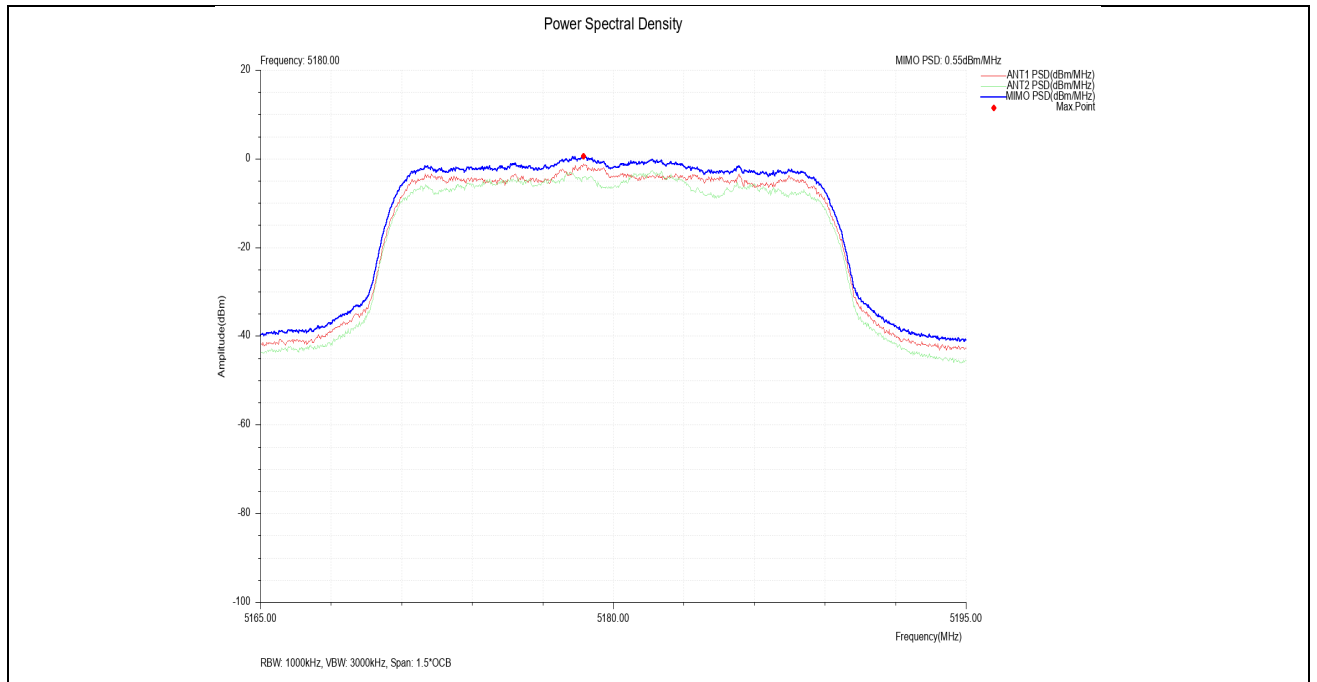
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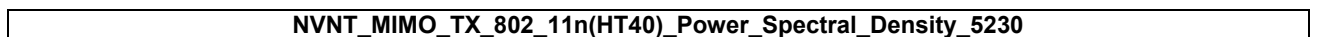
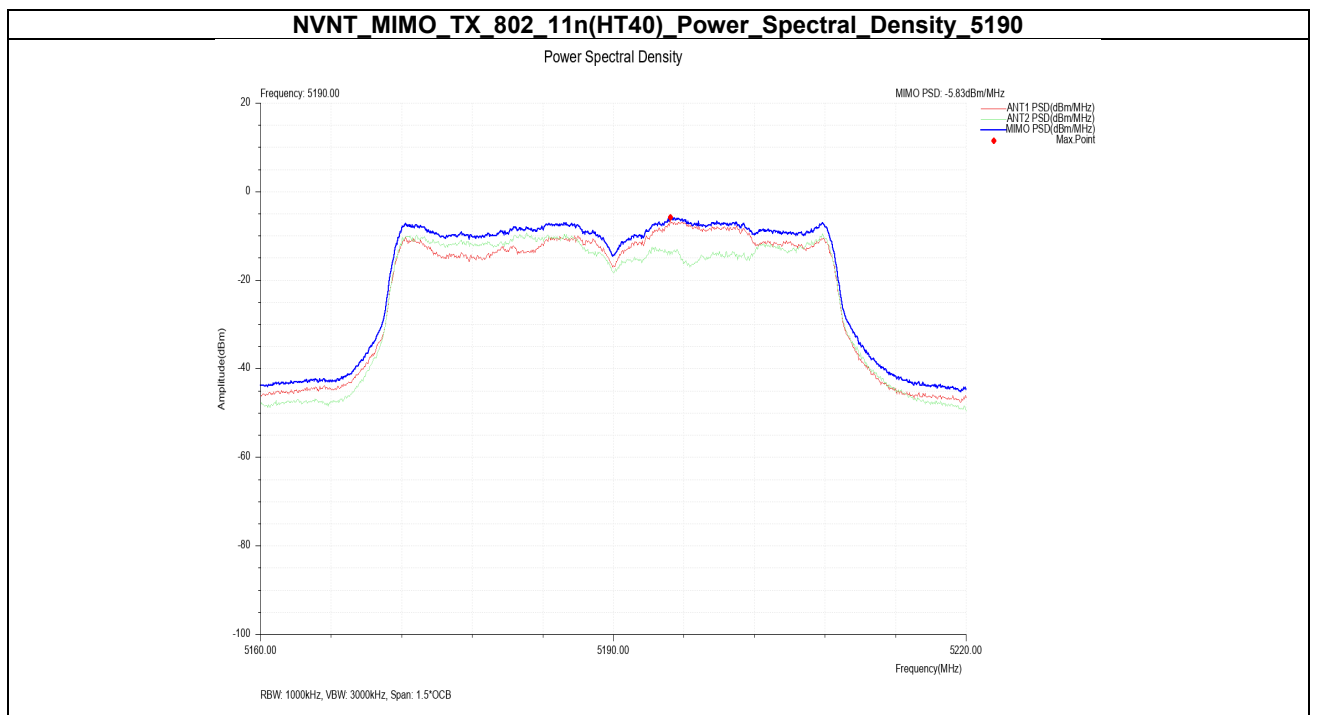
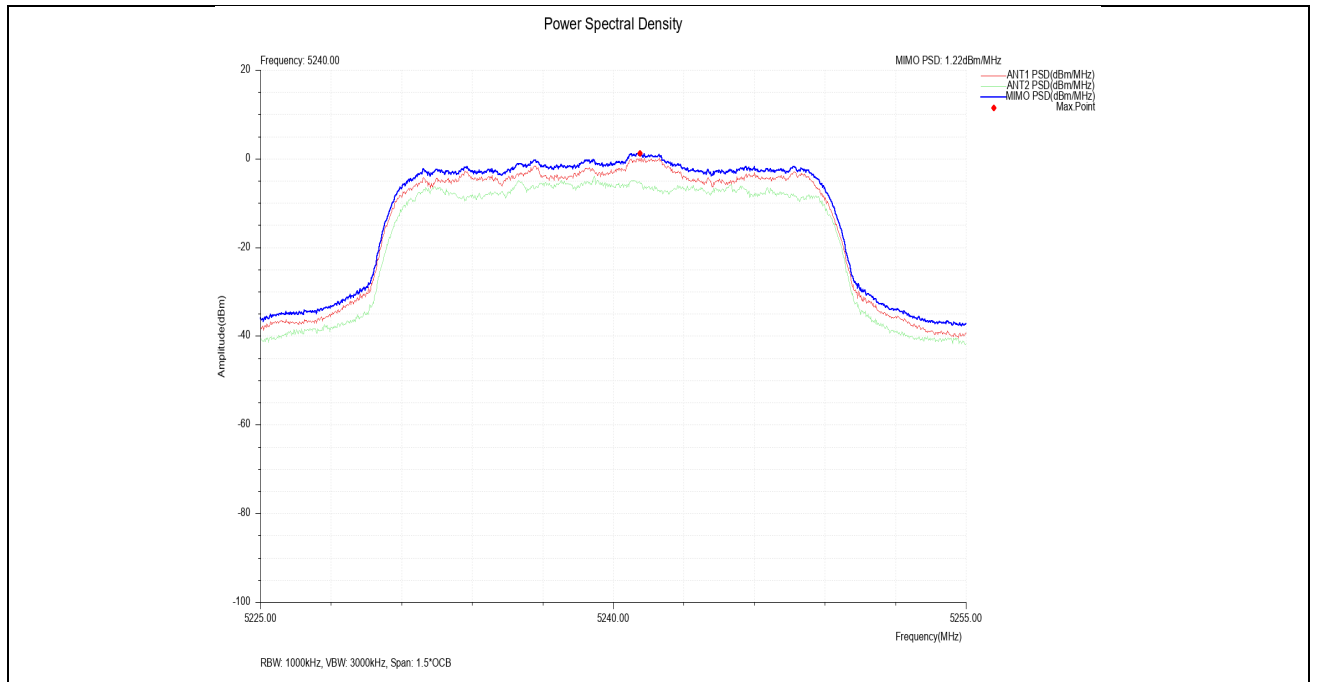


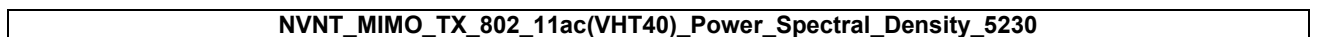
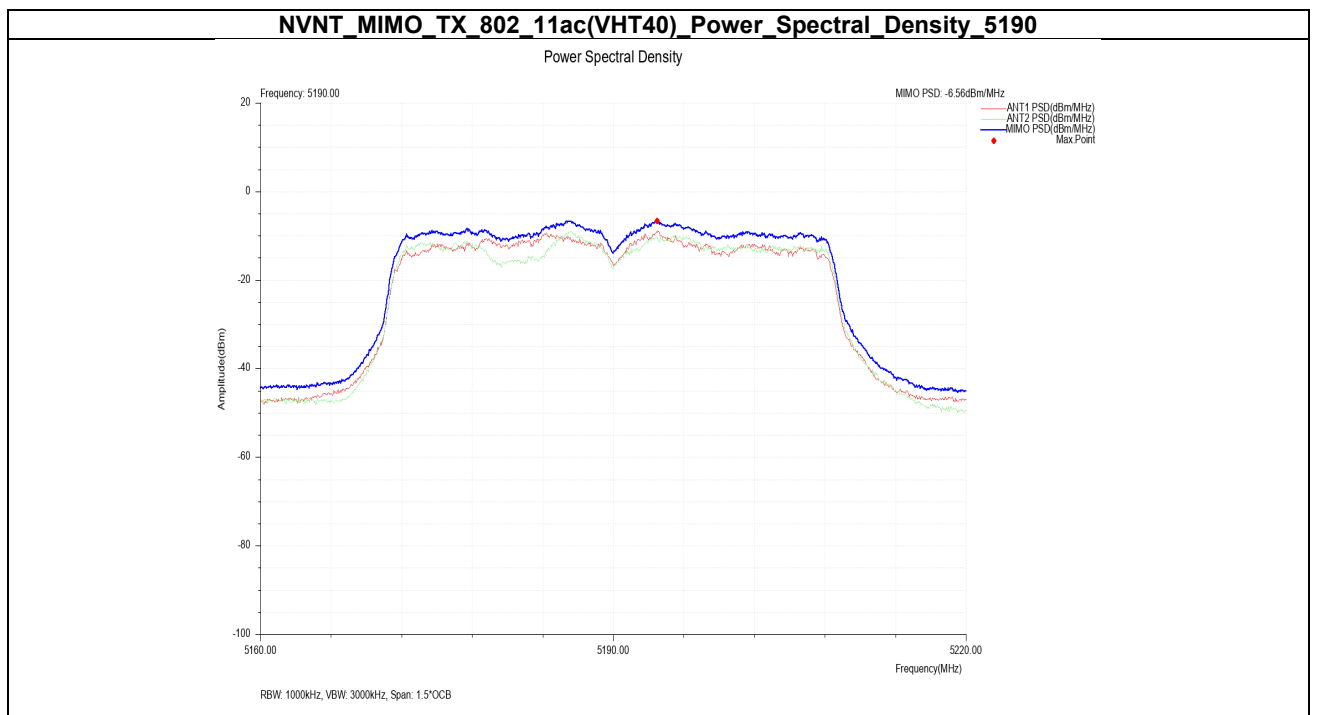
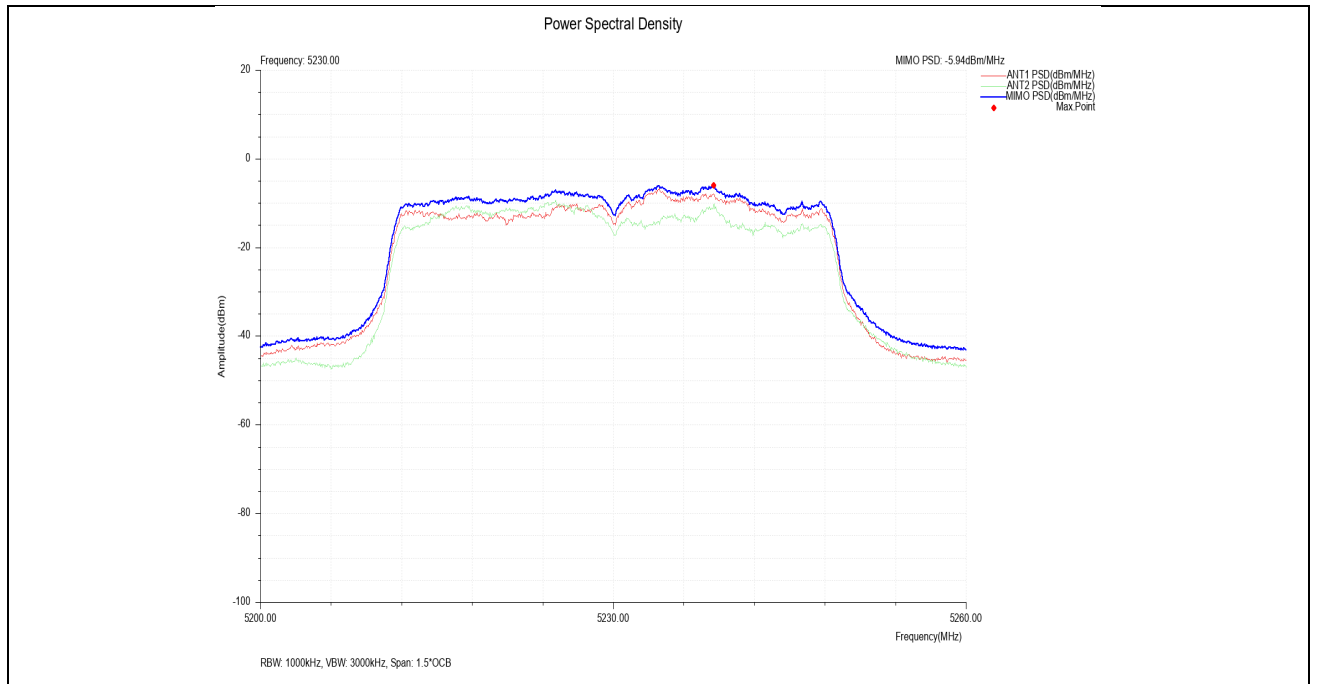
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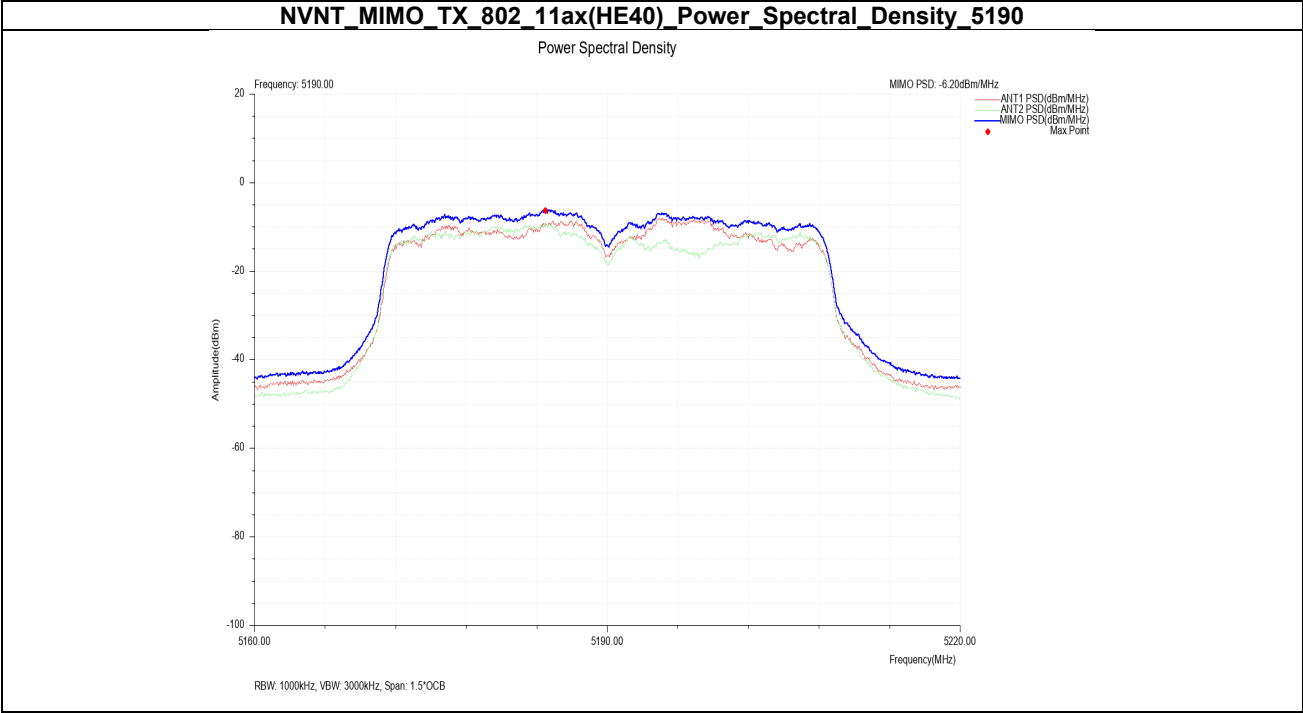
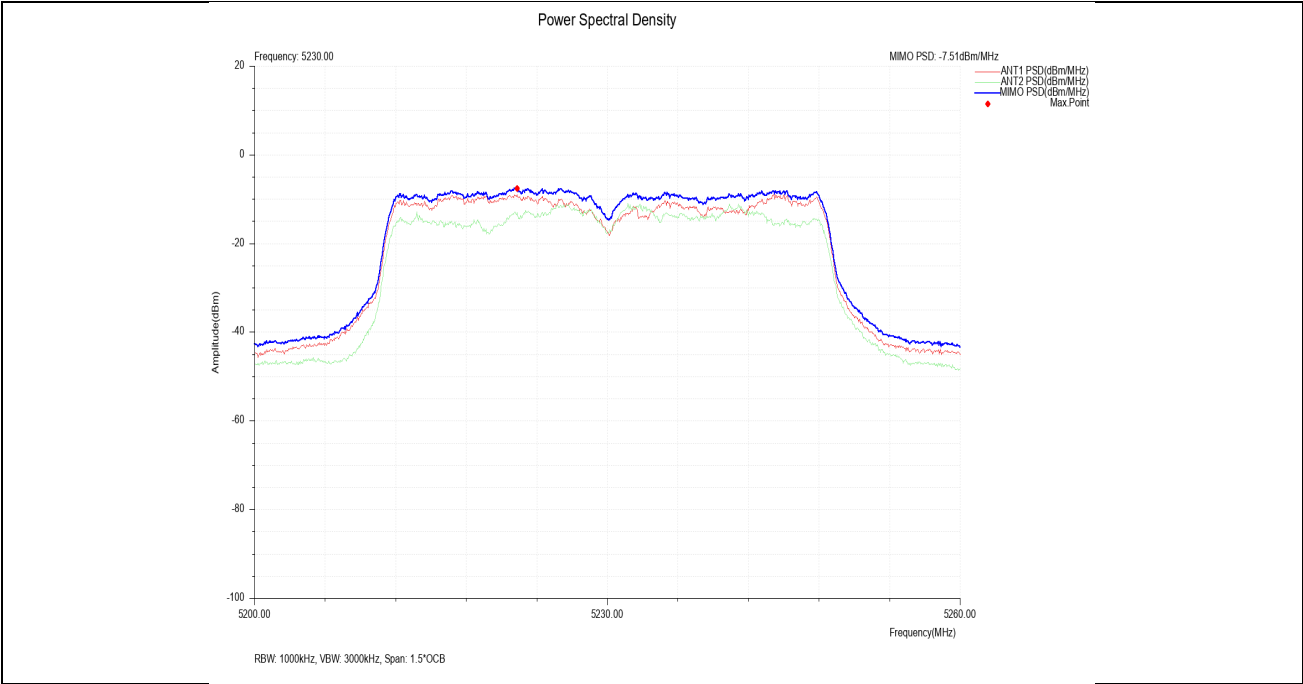




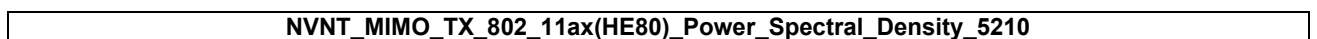
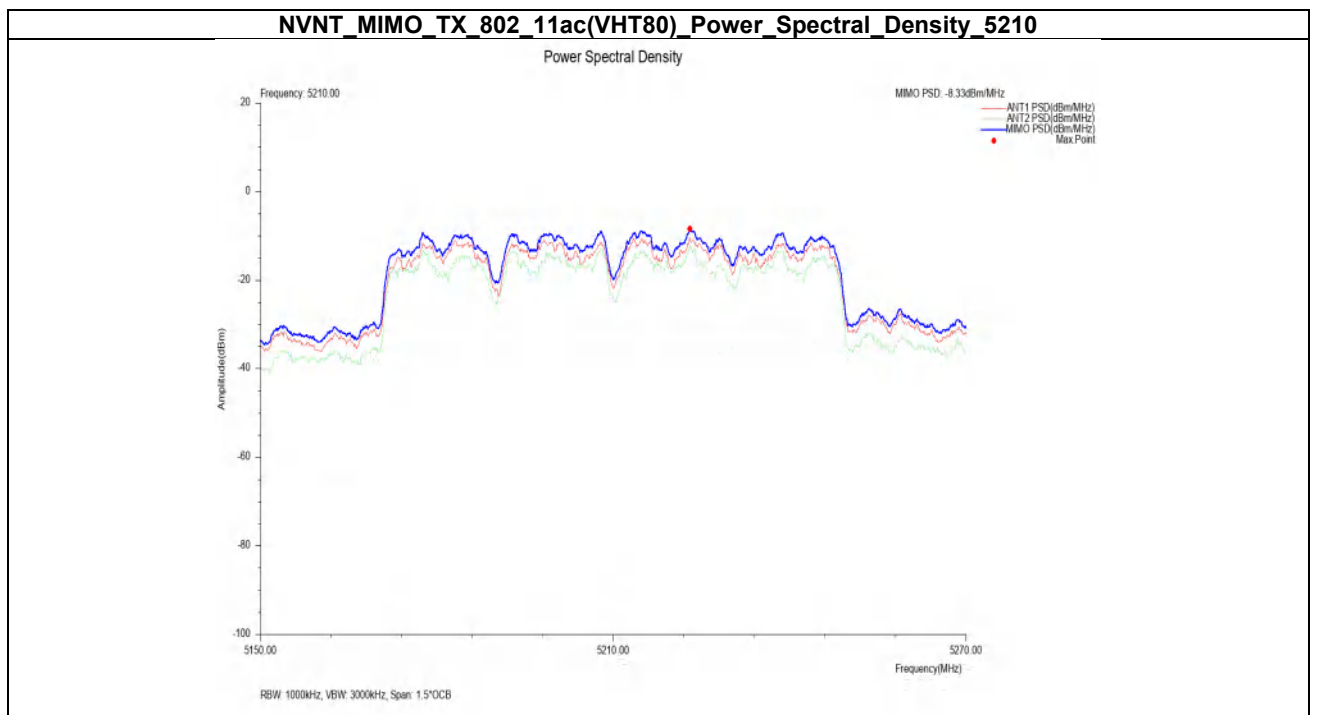
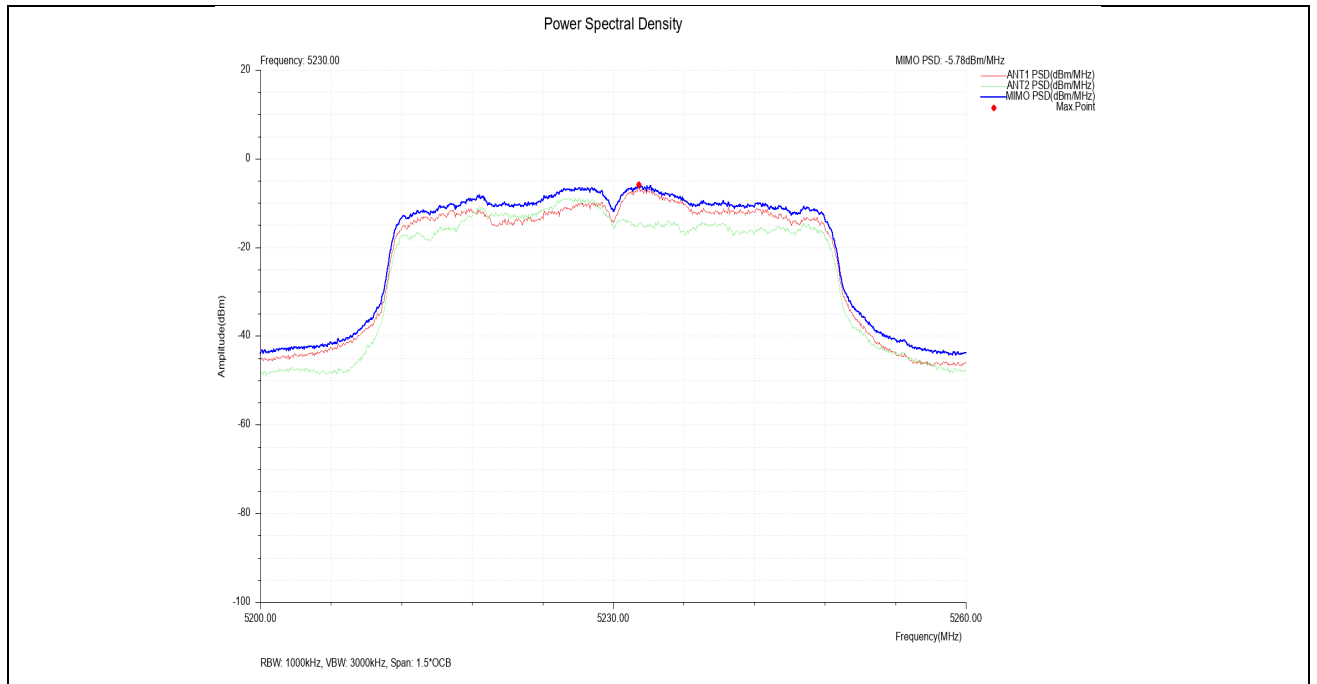


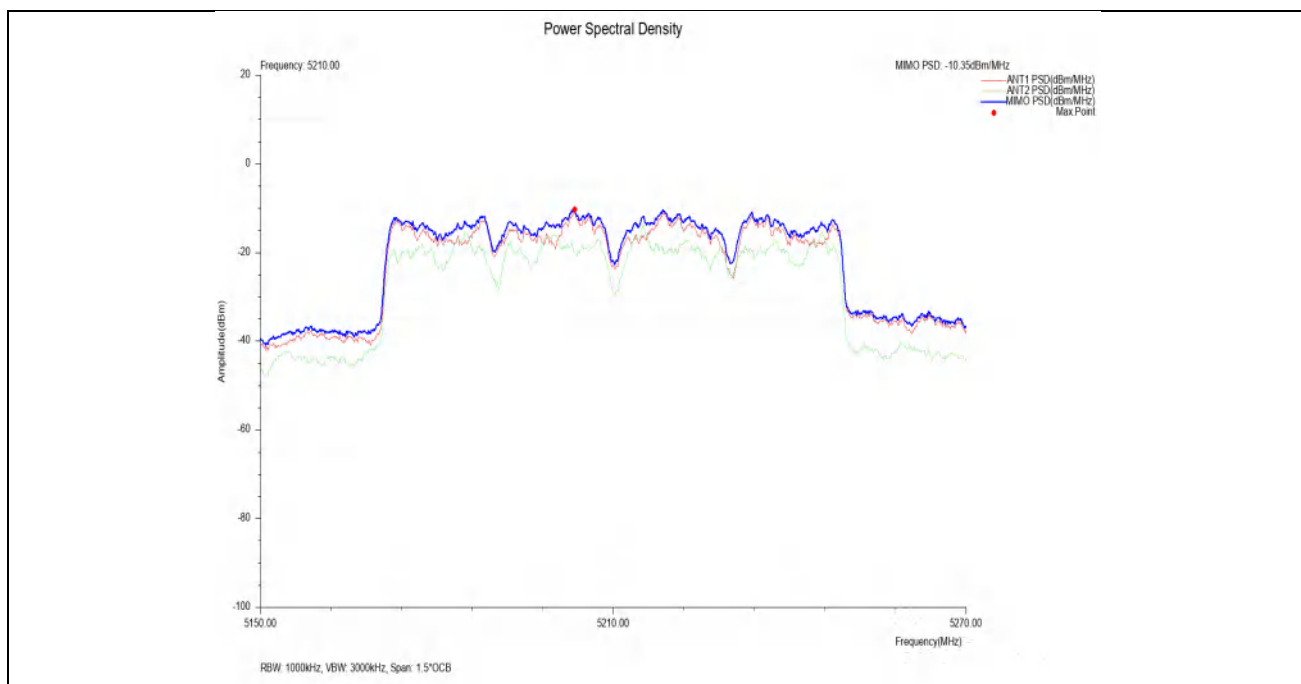






NVNT_MIMO_TX_802_11ax(HE40)_Power_Spectral_Density_5230





U-NII-3 Band

Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/RBW)	Duty factor(dB)	RB factor(dB)	PSD(dBm/500kHz)	Limit (dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	-3.58	0.24	-0	-3.43	30	Pass
NVNT	ANT2	802.11a	5745.00	-4.05	0.37	-0	-3.76	30	Pass
NVNT	ANT1	802.11a	5785.00	-4.63	0.24	-0	-4.48	30	Pass
NVNT	ANT2	802.11a	5785.00	-6.02	0.37	-0	-5.74	30	Pass
NVNT	ANT1	802.11a	5825.00	-4.56	0.24	-0	-4.41	30	Pass
NVNT	ANT2	802.11a	5825.00	-5.70	0.24	-0	-5.55	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-4.42	0.24	-0	-4.26	30	Pass
NVNT	ANT2	802.11n(HT20)	5745.00	-3.12	0.37	-0	-2.84	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-4.17	0.36	-0	-3.90	30	Pass
NVNT	ANT2	802.11n(HT20)	5785.00	-5.07	0.37	-0	-4.79	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-5.34	0.24	-0	-5.19	30	Pass
NVNT	ANT2	802.11n(HT20)	5825.00	-6.06	0.37	-0	-5.78	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-4.14	0.37	-0	-3.86	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	-4.03	0.36	-0	-3.76	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-4.49	0.37	-0	-4.21	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	-5.06	0.37	-0	-4.78	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-3.82	0.36	-0	-3.54	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	-5.23	0.37	-0	-4.95	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	-3.47	0.24	-0	-3.32	30	Pass
NVNT	ANT2	802.11ax(HE20)	5745.00	-4.60	0.24	-0	-4.45	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	-4.91	0.37	-0	-4.63	30	Pass
NVNT	ANT2	802.11ax(HE20)	5785.00	-5.15	0.37	-0	-4.87	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	-4.61	0.24	-0	-4.45	30	Pass
NVNT	ANT2	802.11ax(HE20)	5825.00	-4.37	0.37	-0	-4.09	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-12.56	0.79	-0	-11.86	30	Pass
NVNT	ANT2	802.11n(HT40)	5755.00	-11.00	0.79	-0	-10.30	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-11.31	0.79	-0	-10.61	30	Pass
NVNT	ANT2	802.11n(HT40)	5795.00	-12.93	0.79	-0	-12.23	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-12.42	0.79	-0	-11.72	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	-10.33	0.79	-0	-9.63	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-10.87	0.79	-0	-10.16	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	-11.05	0.79	-0	-10.35	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	-8.79	0.79	-0	-8.09	30	Pass
NVNT	ANT2	802.11ax(HE40)	5755.00	-12.14	0.79	-0	-11.44	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	-12.96	0.82	-0	-12.23	30	Pass
NVNT	ANT2	802.11ax(HE40)	5795.00	-13.36	0.79	-0	-12.66	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-16.94	0.48	-0	-16.55	30	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	-18.71	0.48	-0	-18.31	30	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	-16.11	0.00	-0	-16.20	30	Pass
NVNT	ANT2	802.11ax(HE80)	5775.00	-18.42	0.00	-0	-18.51	30	Pass

Condition	Antenna	Mode	Frequency (MHz)	MIMO PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	5745.00	-1.61	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5785.00	-2.35	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5825.00	-3.61	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5745.00	-1.04	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5785.00	-1.88	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5825.00	-1.73	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5745.00	-1.40	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5785.00	-2.36	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5825.00	-2.11	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5755.00	-8.53	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5795.00	-8.89	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5755.00	-7.79	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5795.00	-7.93	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5755.00	-6.71	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5795.00	-9.70	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5775.00	-15.30	30	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5775.00	-15.93	30	Pass

Power Spectral Density NVNT_ANT1_802_11a_5745



Power Spectral Density NVNT_ANT2_802_11a_5745



Power Spectral Density NVNT_ANT1_802_11a_5785



Power Spectral Density NVNT ANT2 802 11a 5785



Power Spectral Density NVNT ANT1 802 11a 5825



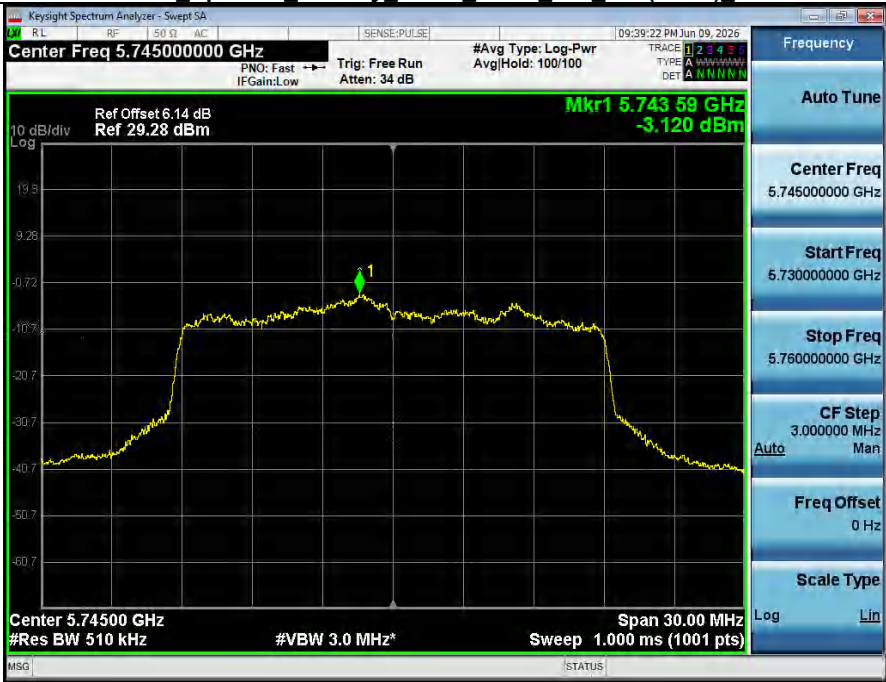
Power Spectral Density_NVNT ANT2 802 11a 5825



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



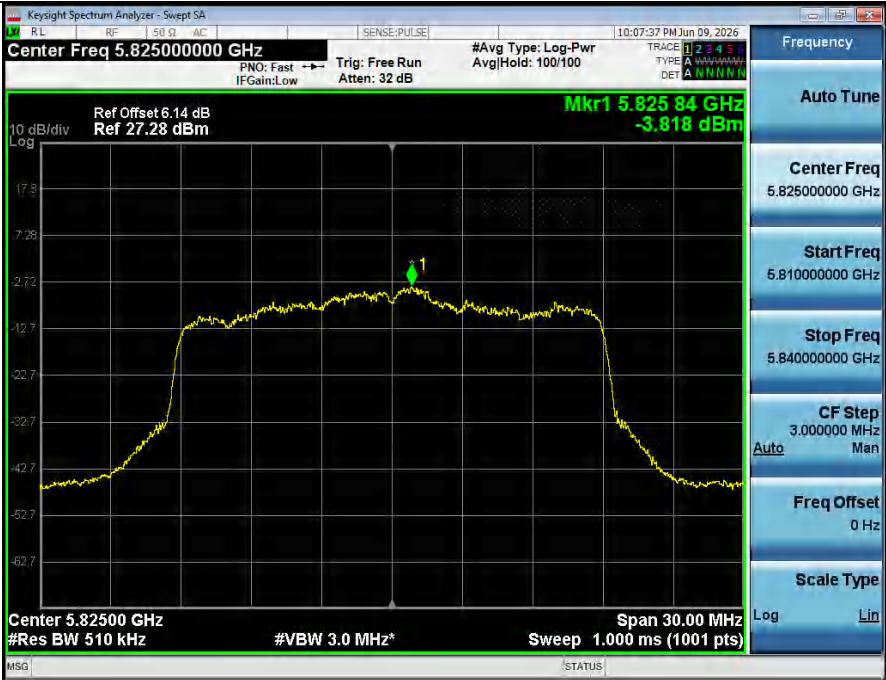
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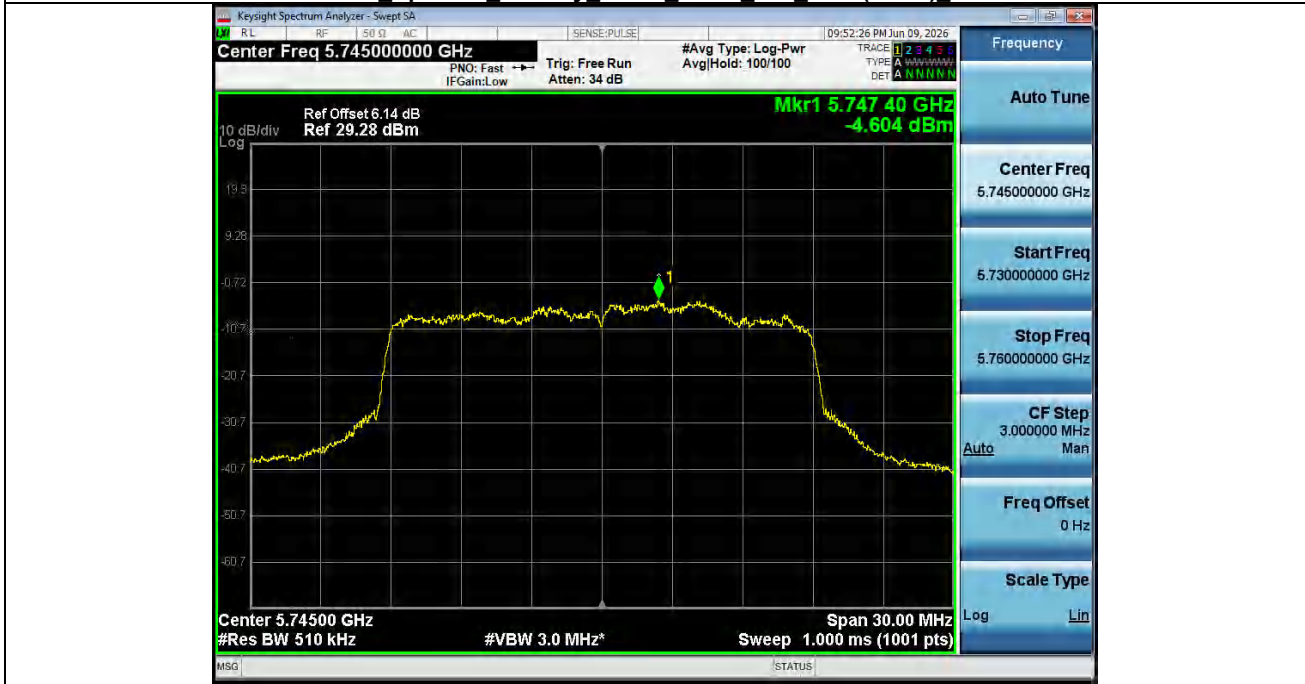
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Power Spectral Density NVNT ANT1 802 11ax(HE20) 5745





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



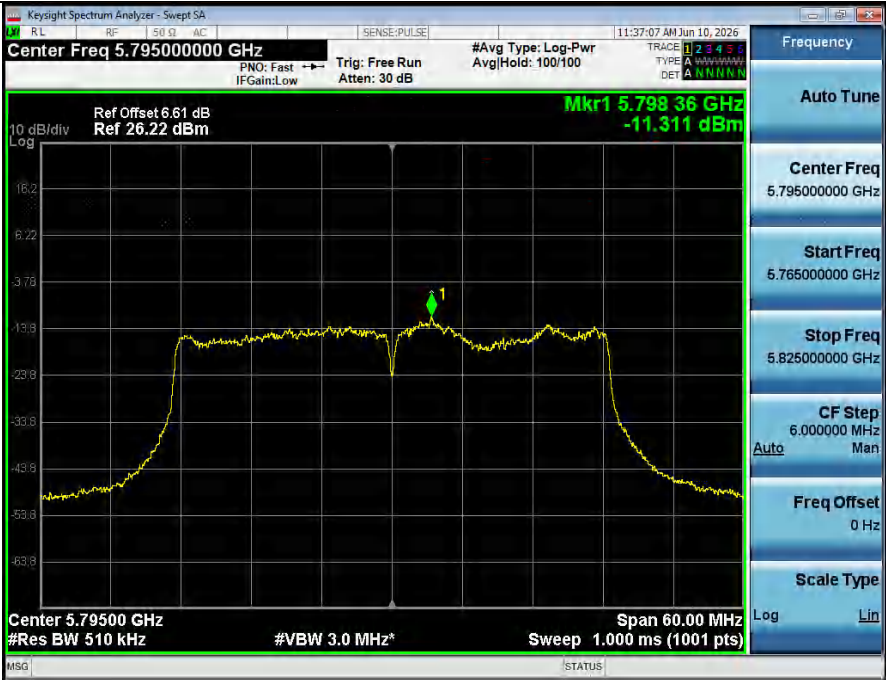
Power Spectral Density NVNT ANT1 802 11n(HT40) 5755



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)_5755



Power Spectral Density NVNT ANT1_802_11ax(HE40)_5795



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



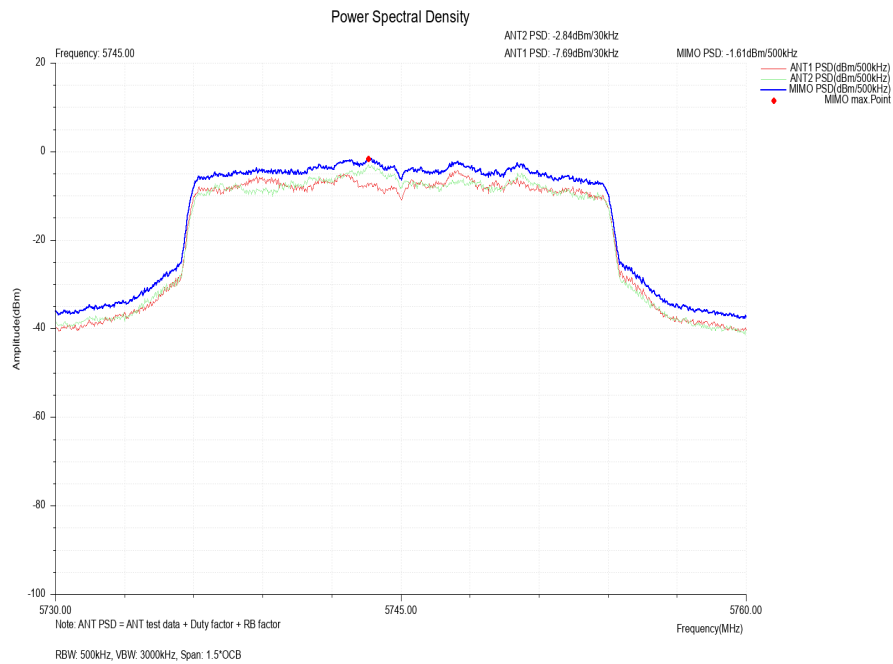
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Power Spectral Density NVNT ANT2 802 11ax(HE80) 5775



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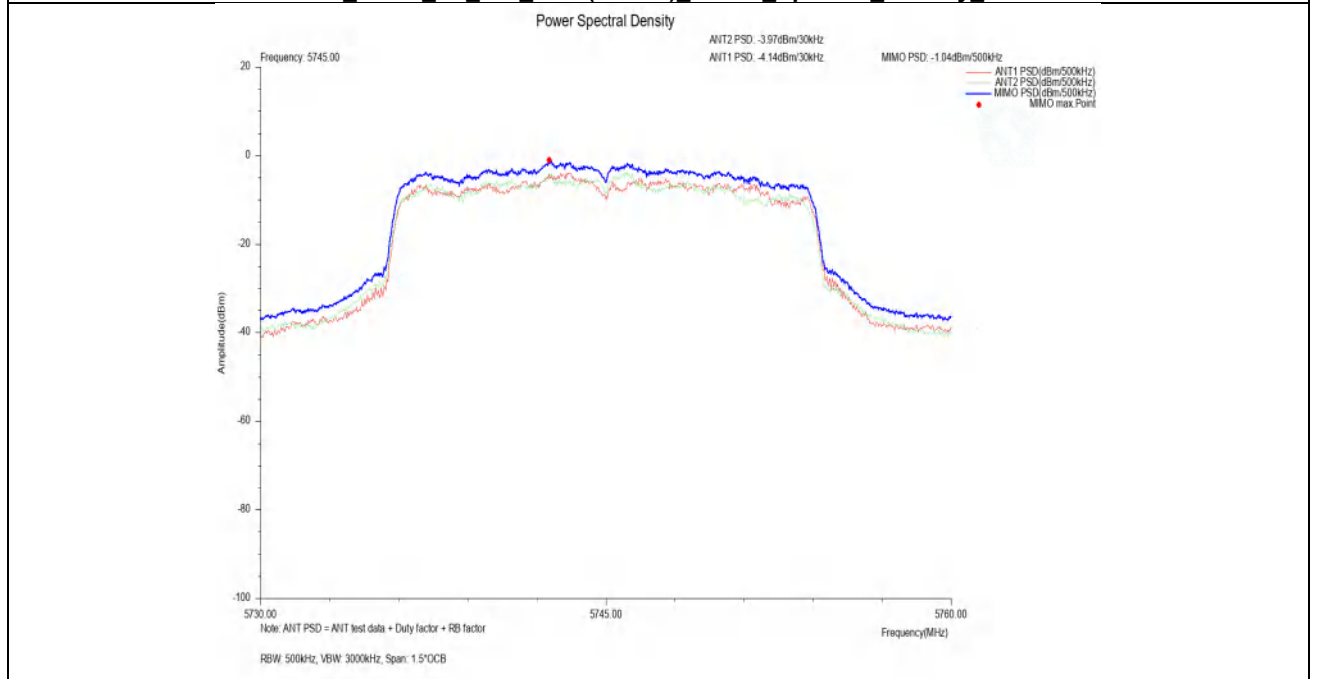
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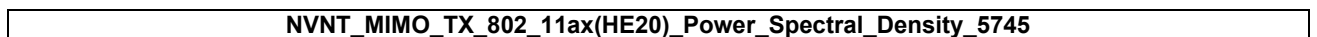
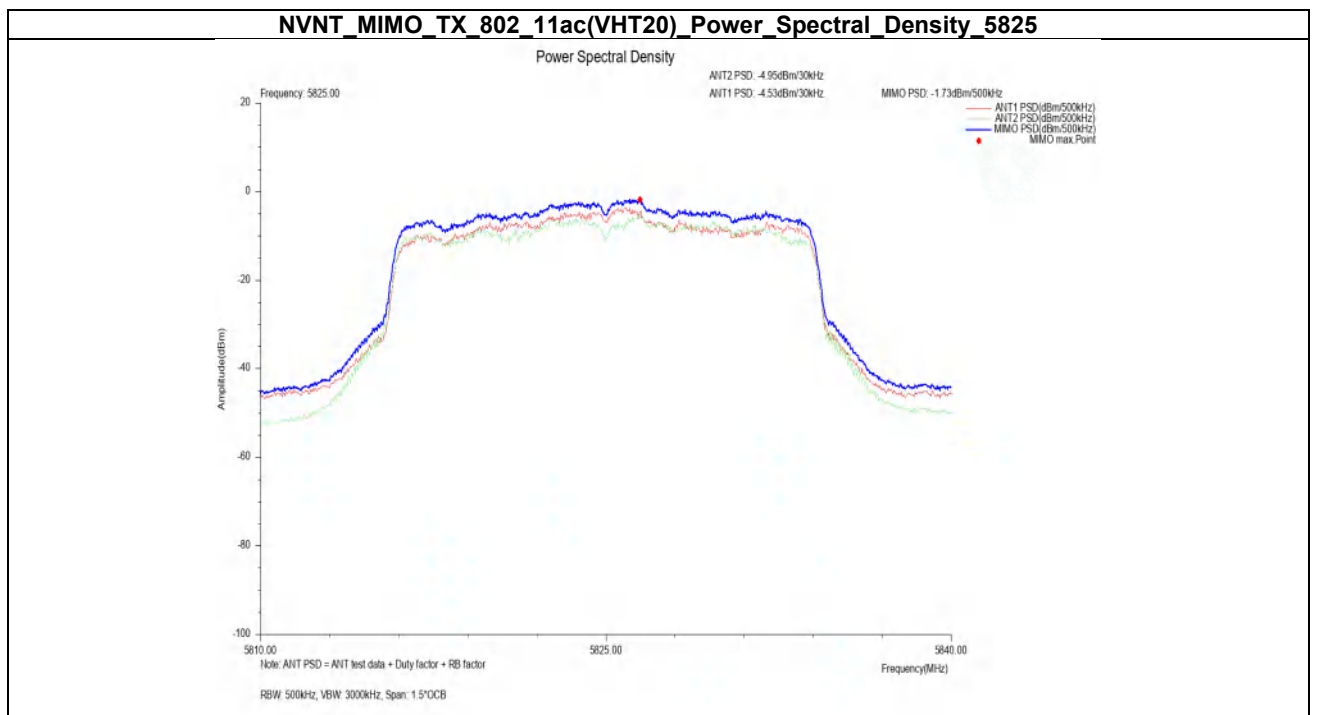
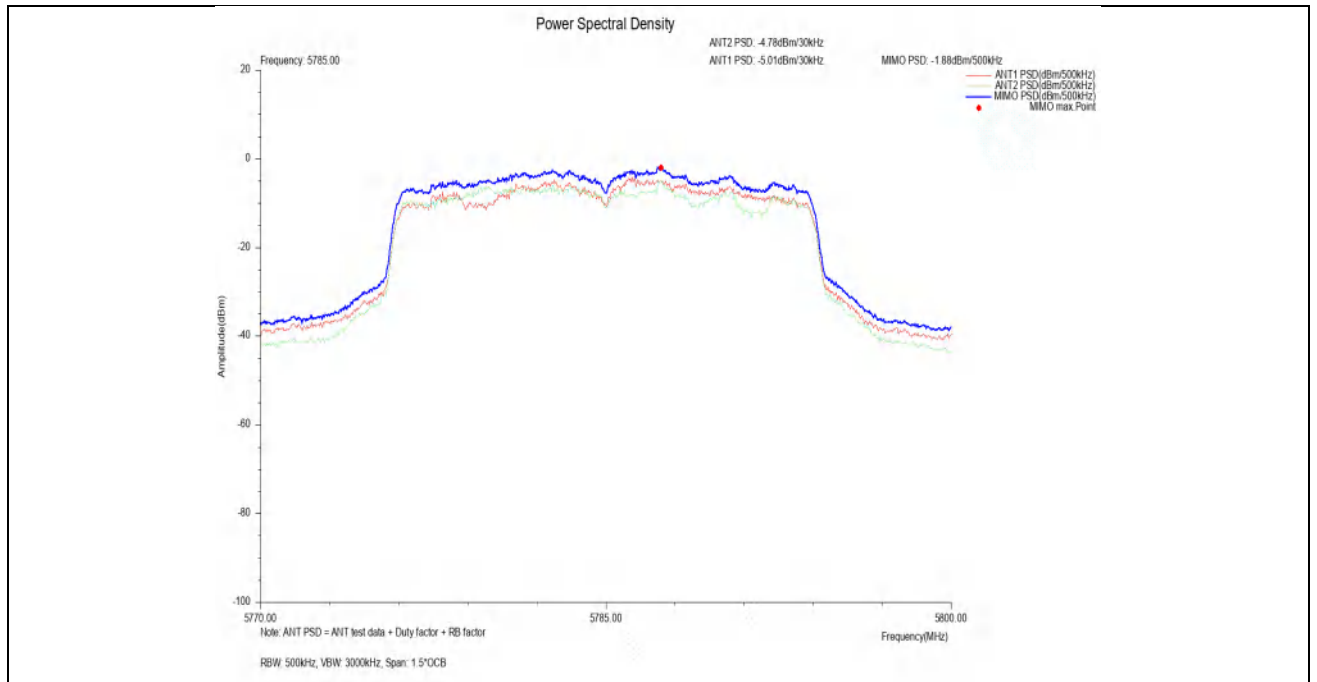
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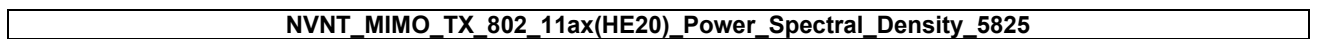
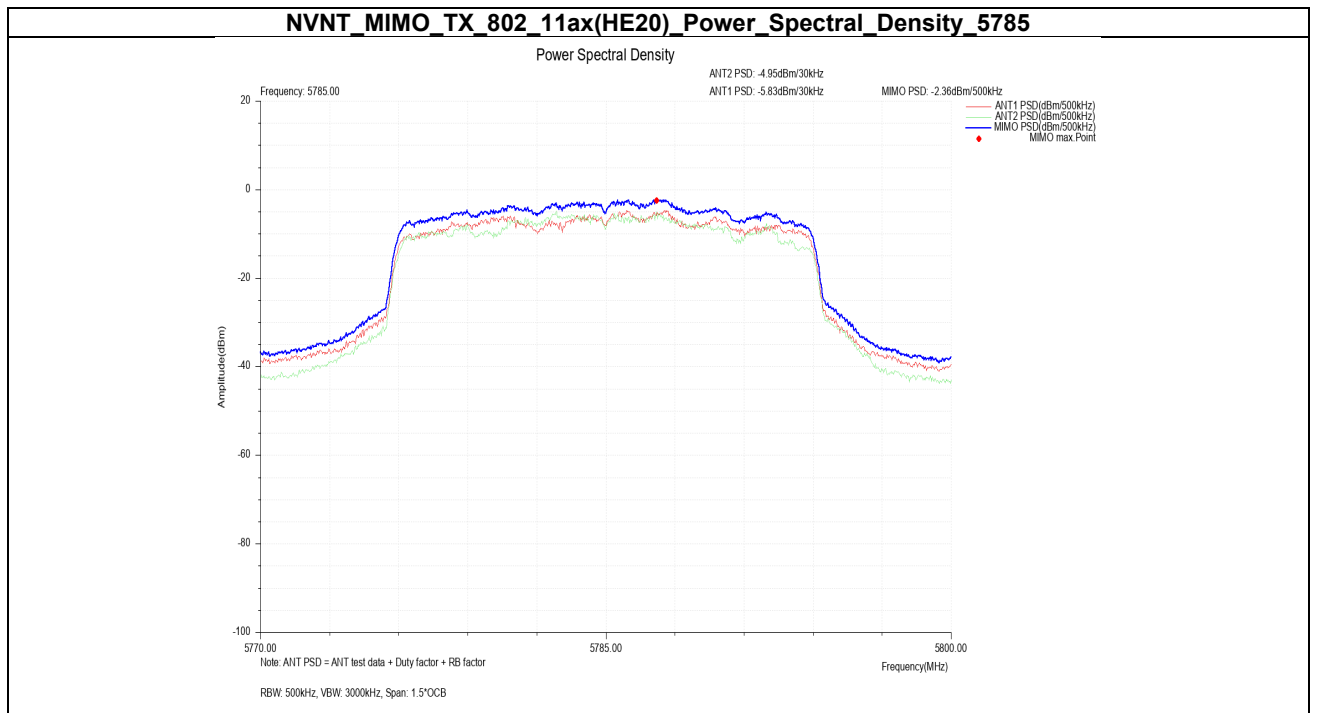
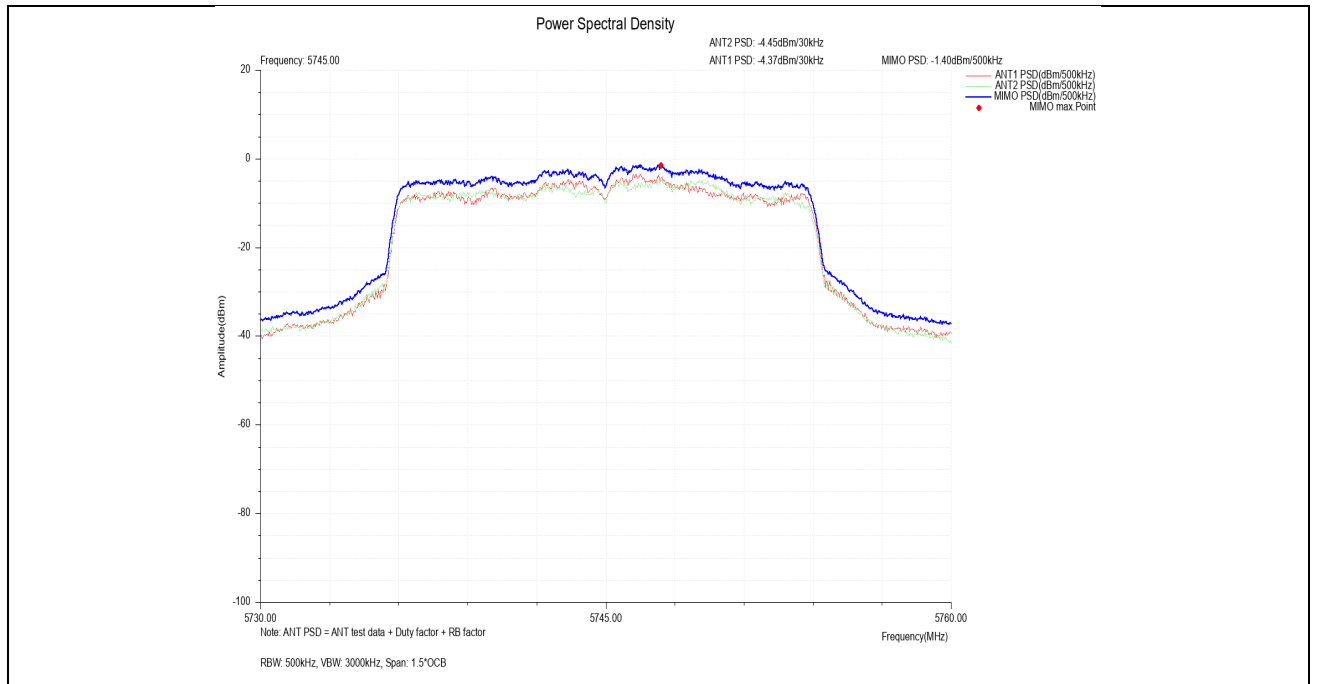


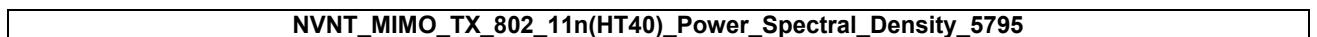
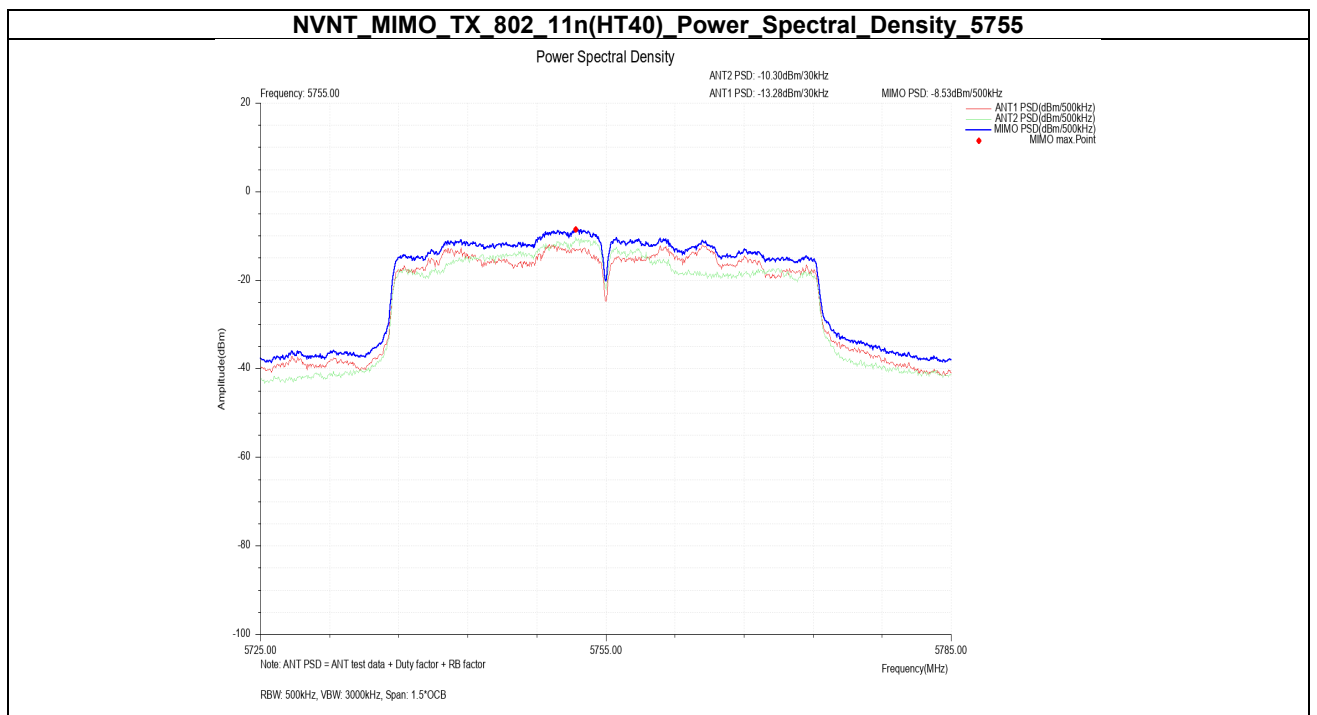
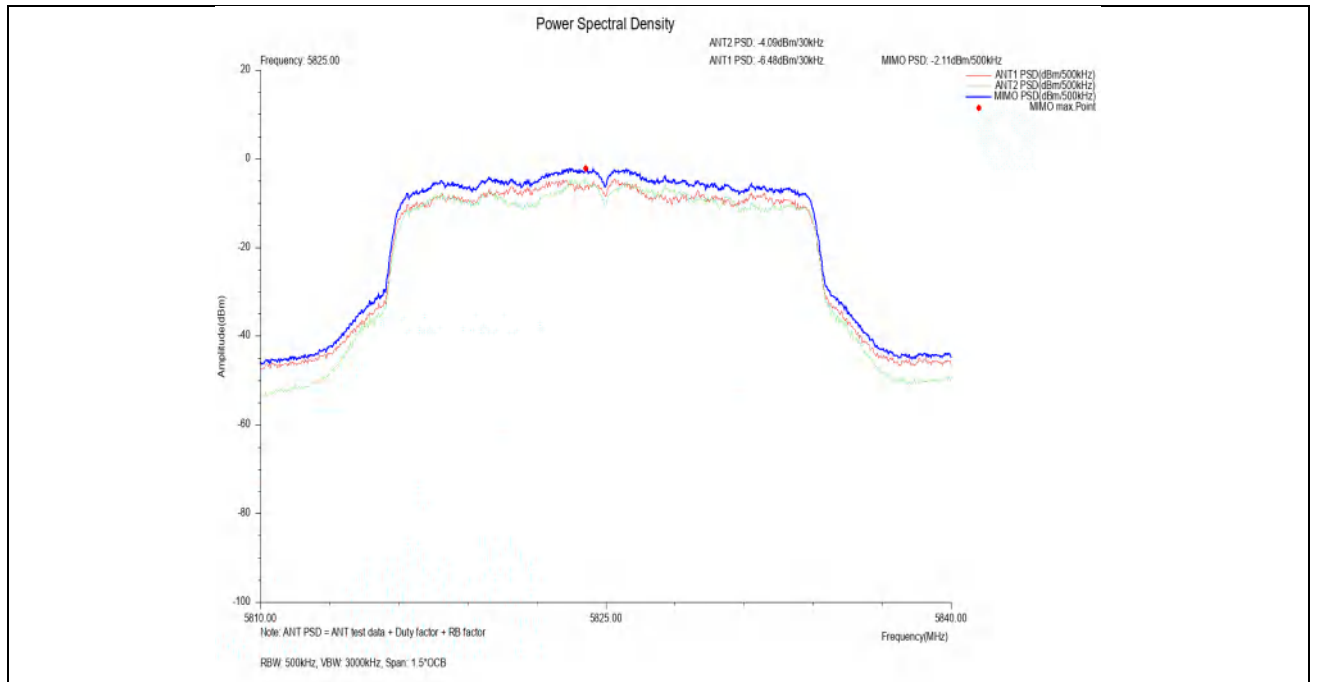
NVNT_MIMO_TX_802_11ac(VHT20)_Power_Spectral_Density_5745

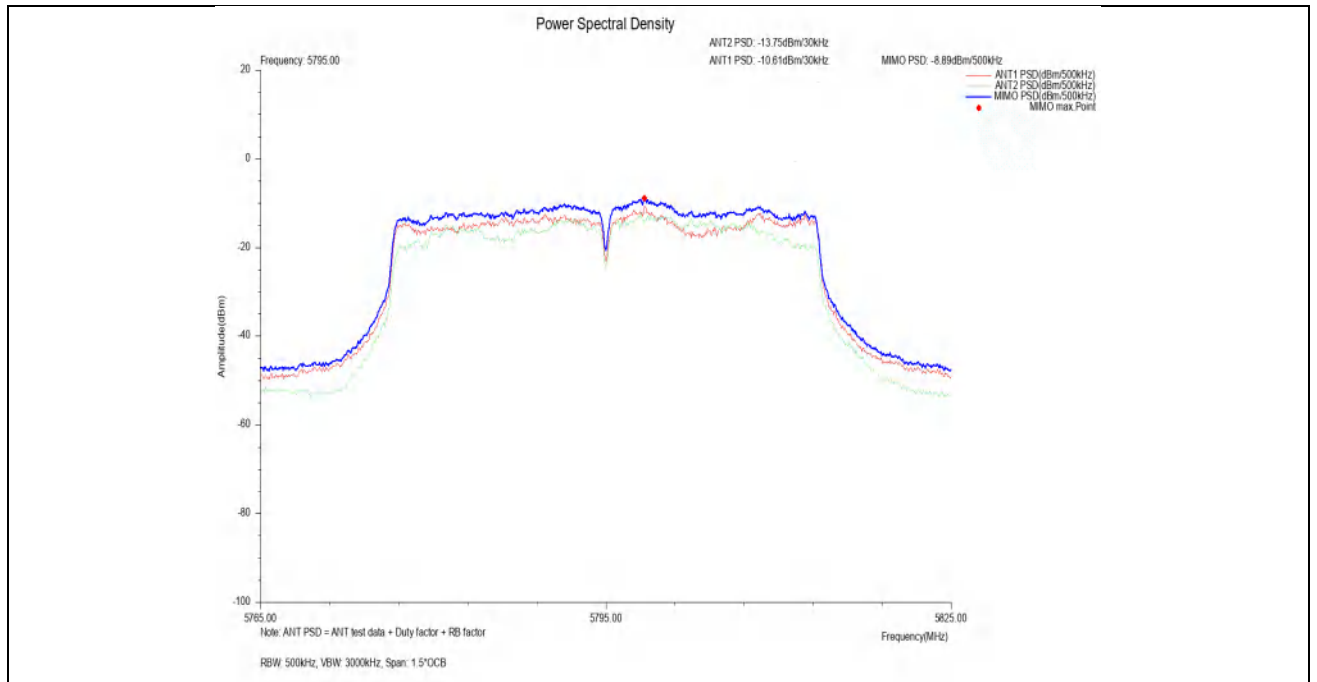


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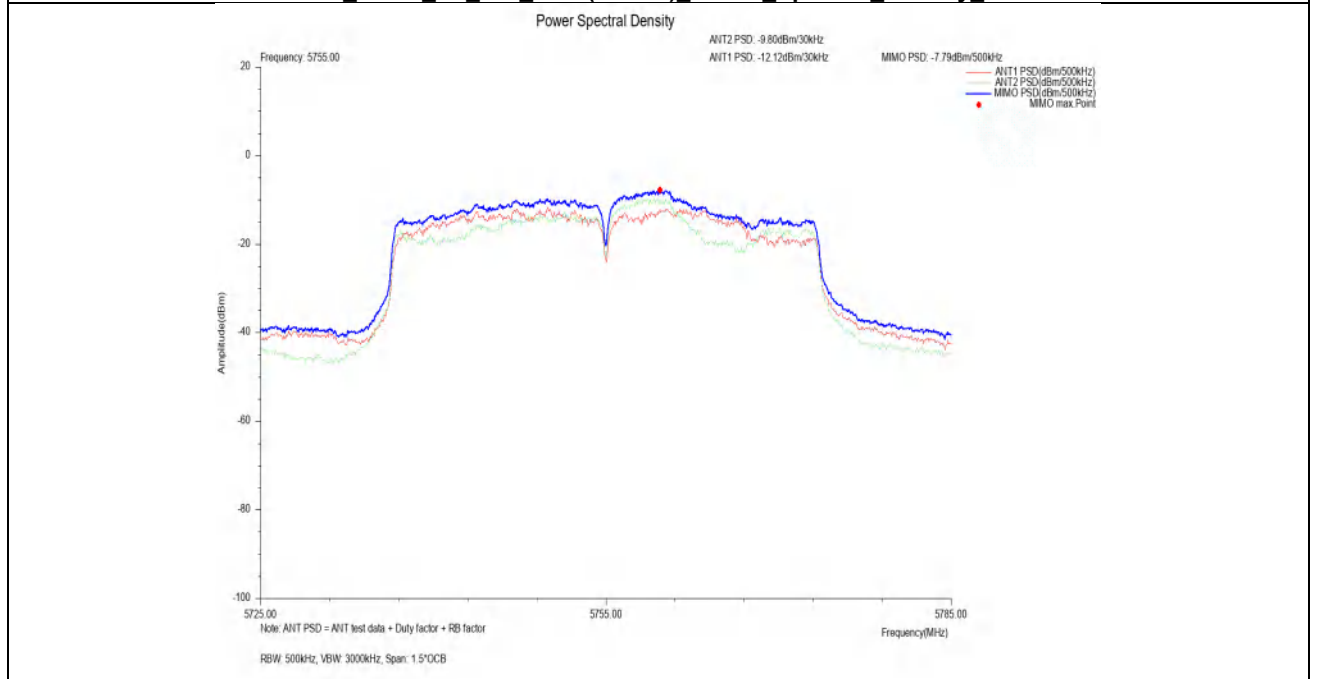




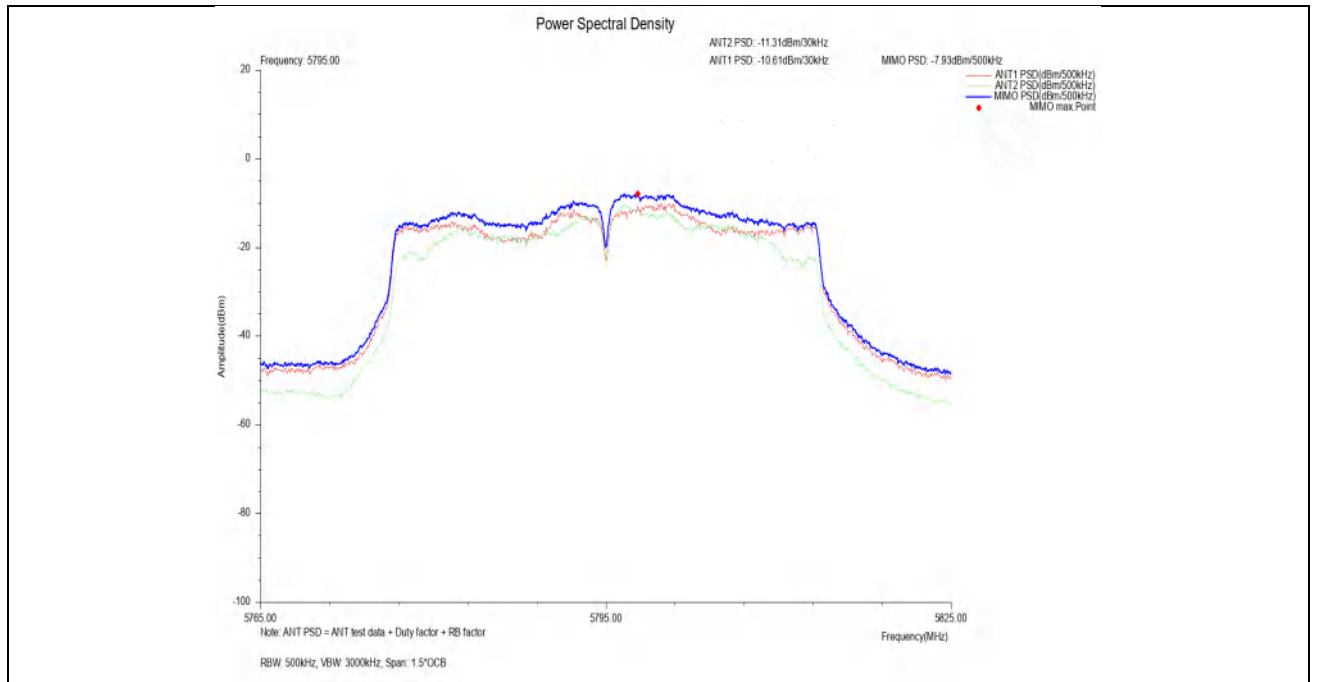




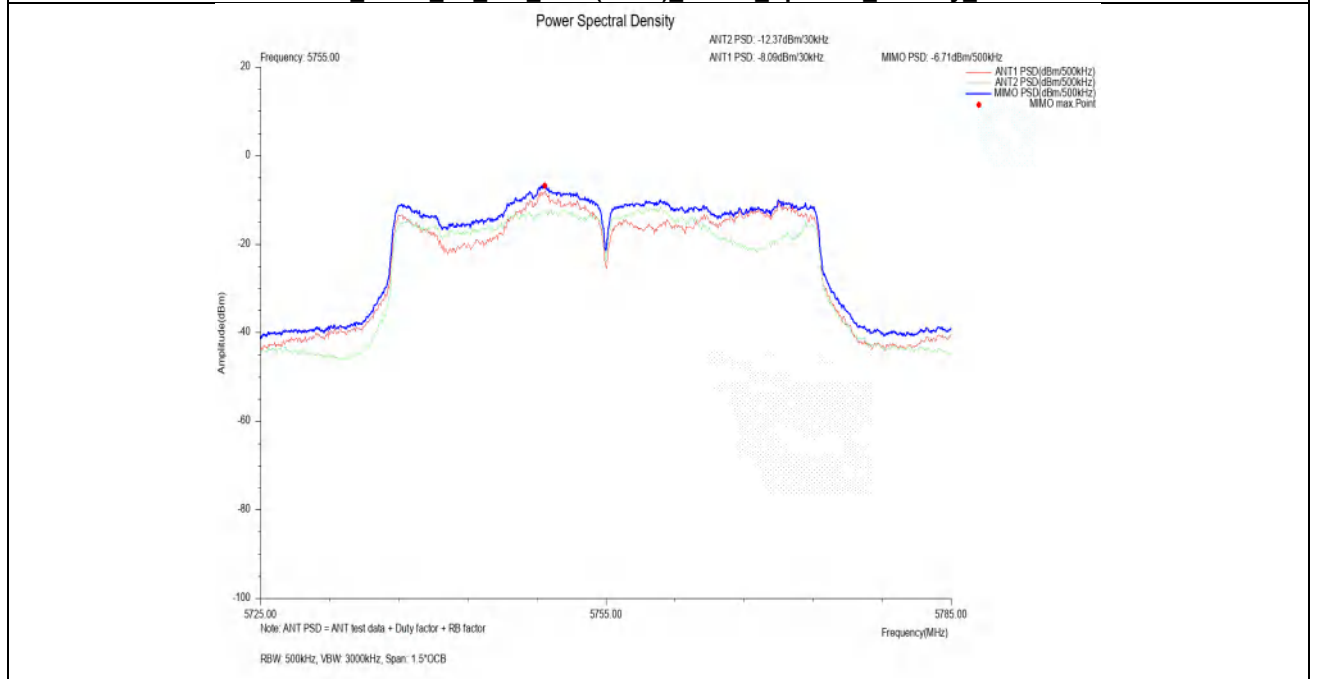
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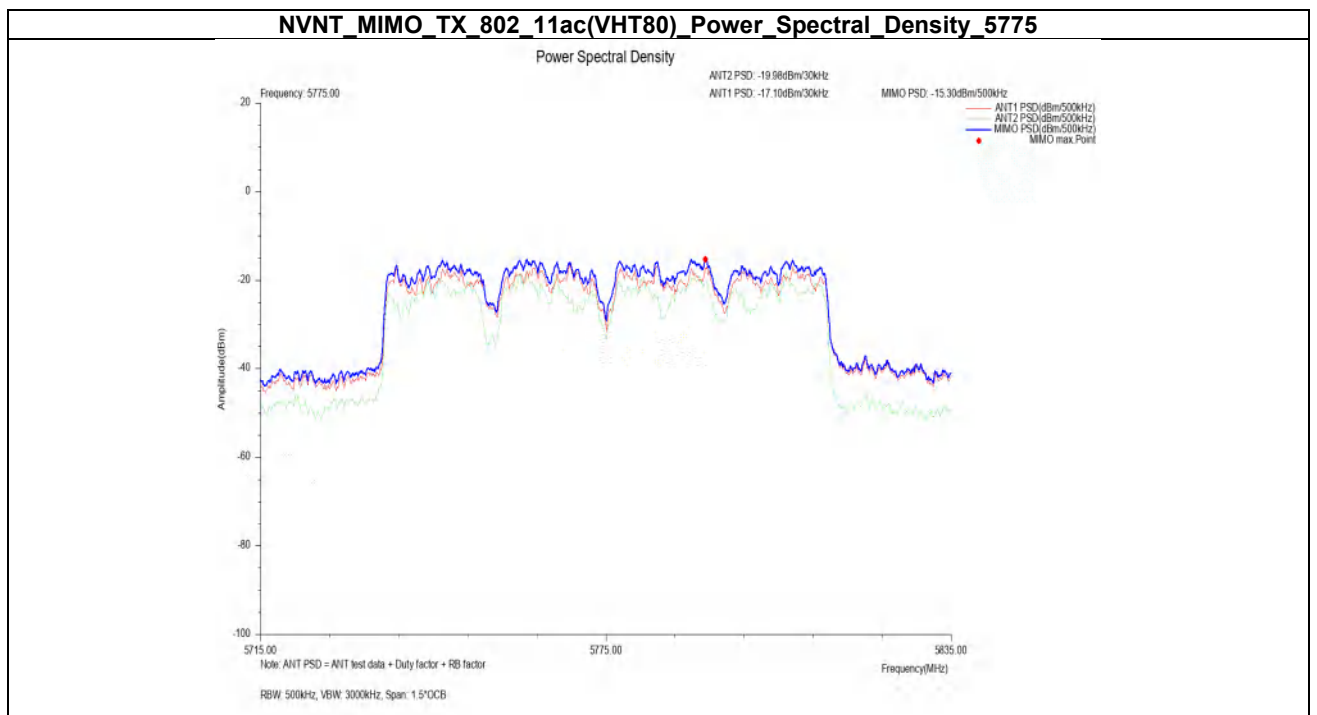
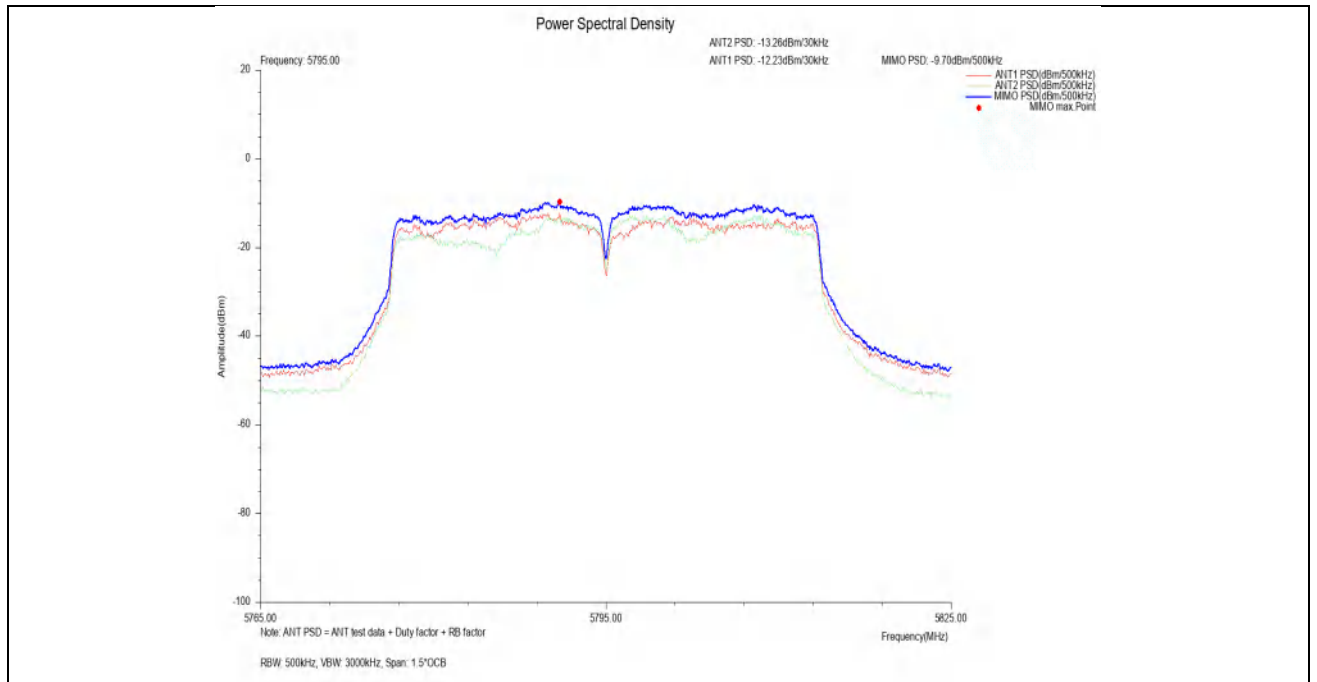
NVNT_MIMO_TX_802_11ac(VHT40)_Power_Spectral_Density_5795



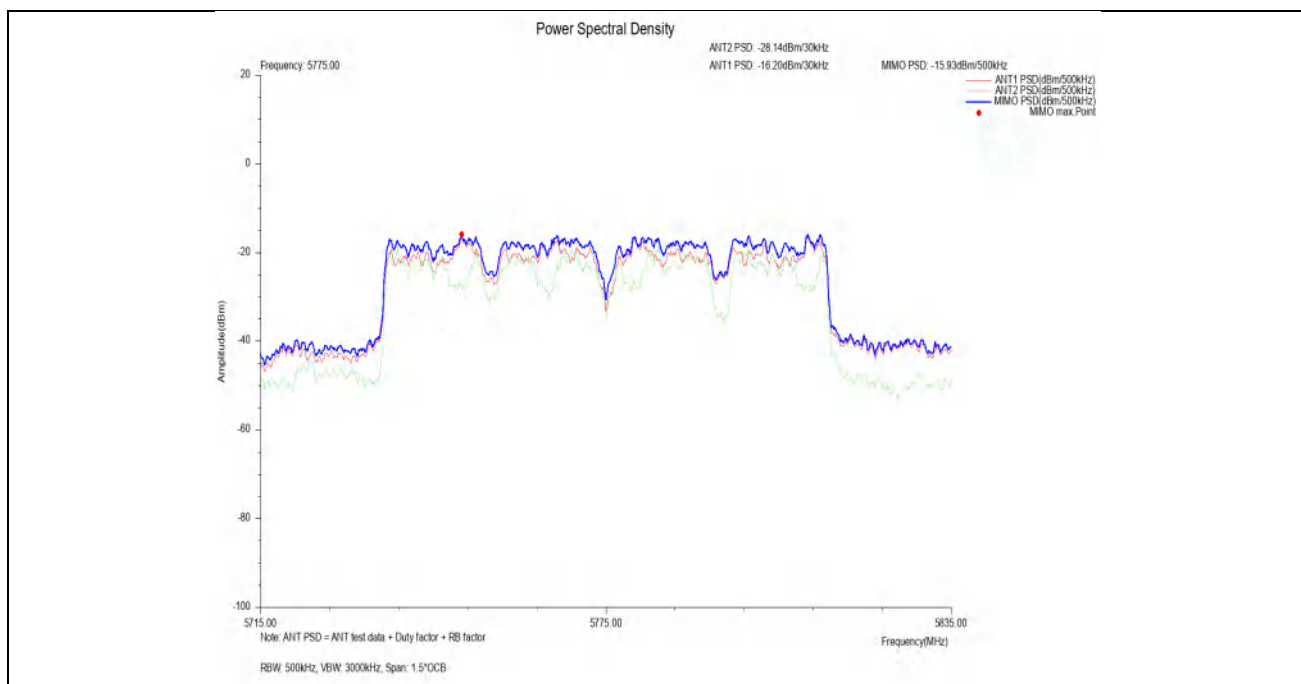
NVNT_MIMO_TX_802_11ax(HE40) Power Spectral Density_5755



NVNT_MIMO_TX_802_11ax(HE40) Power Spectral Density_5795



NVNT_MIMO_TX_802_11ax(HE80) Power Spectral Density_5775



Appendix A.5: Test Results of Frequency Stability

Test Result

Mode	Voltage (V)	FHL (5180MHz)	Deviation (KHz)	FHH (5240MHz)	Deviation (KHz)
Band 1 (5150-5250 MHz)	DC 3.272V	5179.995	5	5239.994	6
	DC 3.636V	5179.997	3	5239.994	6
	DC 4.000V	5179.995	5	5239.996	4

Mode	Temperature (°C)	FHL (5180MHz)	Deviation (KHz)	FHH (5240MHz)	Deviation (KHz)
Band 1 (5150-5250 MHz)	-10°C	5179.993	7	5239.994	6
	0°C	5179.995	5	5239.994	6
	+10°C	5179.995	5	5239.992	8
	+20°C	5179.993	7	5239.992	8
	+30°C	5179.993	7	5239.991	9
	+40°C	5179.994	6	5239.994	6
	+50°C	5179.994	6	5239.992	8

Mode	Voltage (V)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
Band 4 (5725-5850 MHz)	DC 3.272V	5744.997	3	5824.993	7
	DC 3.636V	5744.993	7	5824.996	4
	DC 4.000V	5744.997	3	5824.995	5

Mode	Temperature (°C)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
Band 4 (5725-5850 MHz)	-10°C	5744.995	5	5824.997	3
	0°C	5744.996	4	5824.992	8
	+10°C	5744.995	5	5824.995	5
	+20°C	5744.992	8	5824.994	6
	+30°C	5744.994	6	5824.995	5
	+40°C	5744.996	4	5824.994	6
	+50°C	5744.995	5	5824.994	6

Appendix A.6: Test Results of Radiated Spurious Emissions

Note:

1. This testing was carried out on different modulations, but only the worst case was presented in this report.
2. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 40GHz 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 tested for 802.11a, only worst case reported.
4. Both MIMO and SISO tested for 802.11n/ac, only worst case (MIMO) reported.

30MHz - 1GHz

U-NII-1 Band



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 Scanner
M/N: EinScan Tracker
Test Mode: a 5180
Test Voltage: DC 3.636V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/7/6 17:30:41



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	58.9993	13.93	13.30	27.23	40.00	-12.77	peak	150	310	P	
2 *	260.4868	19.55	13.76	33.31	46.00	-12.69	peak	150	292	P	

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

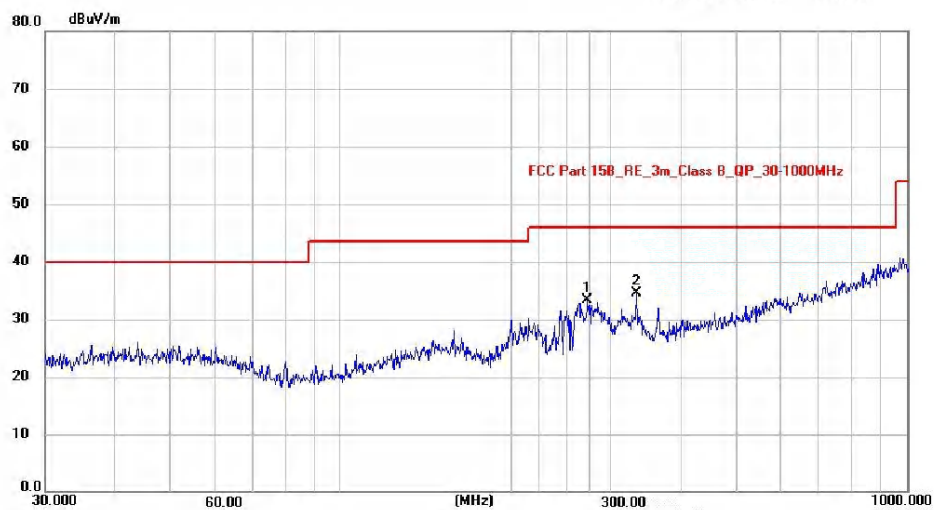


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: EinScan Tracker Test Engineer: Felix
Test Mode: a 5180
Test Voltage: DC 3.636V
Note:

Radiated Emission Measurement

Test Date: 2026/7/6 17:36:23



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	272.8750	19.14	14.24	33.38	46.00	-12.62	peak	150	227	P	
2 *	333.3943	18.48	16.11	34.59	46.00	-11.41	peak	150	32	P	

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



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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	Polarization: Vertical	Temperature: 26 °C
EUT: 3D Scanner	Distance: 3m	Humidity: 54 %RH
M/N: EinScan Tracker	Test Engineer: Felix	
Test Mode: a 5240		
Test Voltage: DC 3.636V		
Note:		

Radiated Emission Measurement

Test Date: 2026/7/6 17:40:35



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	155.8418	11.90	15.19	27.09	43.50	-16.41	peak	150	139	P	
2 *	267.5455	19.39	14.02	33.41	46.00	-12.59	peak	150	181	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: 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: EinScan Tracker Test Engineer: Felix
Test Mode: a 5240
Test Voltage: DC 3.636V
Note:

Radiated Emission Measurement

Test Date: 2026/7/6 17:47:48



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	200.0732	18.99	11.48	30.47	43.50	-13.03	peak	150	224	P	
2 *	267.4282	19.21	14.02	33.23	46.00	-12.77	peak	150	340	P	

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

U-NII-3 Band

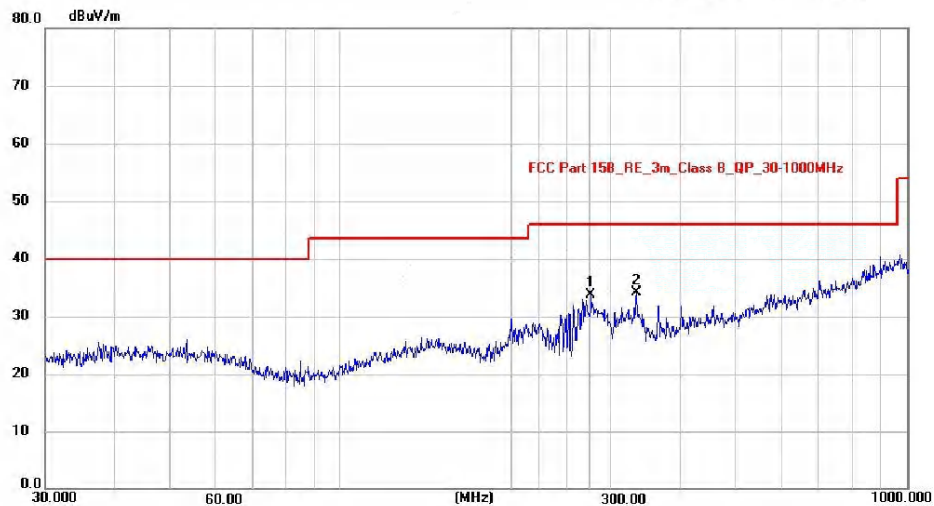


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: EinScan Tracker Test Engineer: Felix
Test Mode: a 5745
Test Voltage: DC 3.636V
Note:

Radiated Emission Measurement

Test Date: 2026/7/6 17:52:54



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	276.8507	19.38	14.39	33.77	46.00	-12.23	peak	150	249	P	
2 *	333.3943	17.94	16.11	34.05	46.00	-11.95	peak	150	287	P	

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

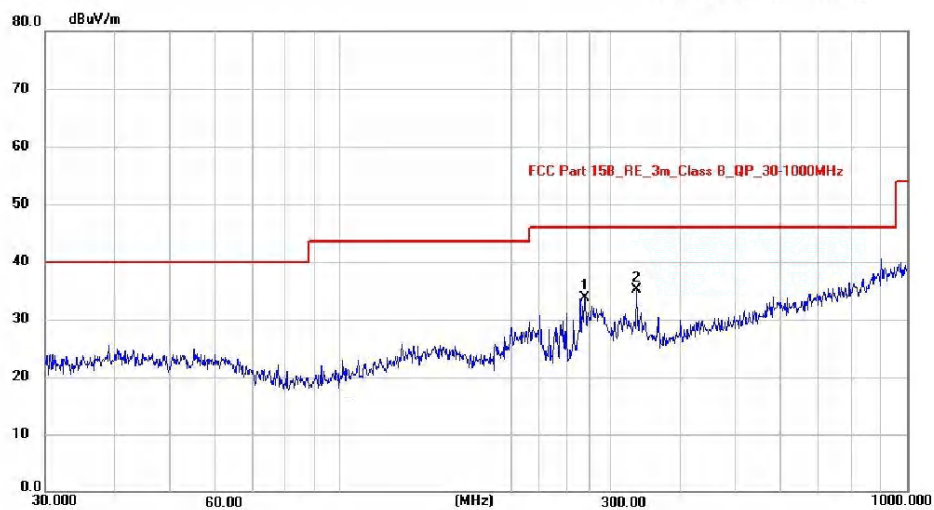


Shenzhen PSI Testing Co., Ltd.
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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: EinScan Tracker Test Engineer: Felix
Test Mode: a 5745
Test Voltage: DC 3.636V
Note:

Radiated Emission Measurement

Test Date: 2026/7/6 17:58:06



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	269.5465	19.67	14.10	33.77	46.00	-12.23	peak	150	91	P	
2 *	333.3943	19.06	16.11	35.17	46.00	-10.83	peak	150	271	P	

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



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

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: EinScan Tracker Test Engineer: Felix
Test Mode: a 5825
Test Voltage: DC 3.636V
Note:

Radiated Emission Measurement

Test Date: 2026/7/6 18:03:24



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	199.9856	18.91	11.48	30.39	43.50	-13.11	peak	150	143	P	
2 *	281.3772	19.18	14.55	33.73	46.00	-12.27	peak	150	198	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: 3D Scanner Distance: 3m Humidity: 54 %RH
M/N: EinScan Tracker Test Engineer: Felix
Test Mode: a 5825
Test Voltage: DC 3.636V
Note:

Radiated Emission Measurement

Test Date: 2026/7/6 18:09:18



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	200.0732	18.21	11.48	29.69	43.50	-13.81	peak	150	43	P	
2 *	263.2415	19.91	13.86	33.77	46.00	-12.23	peak	150	257	P	

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

1GHz - 18GHz

U-NII-1 Band



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 Scanner Distance: 3m Humidity: 54 %RH
M/N: EinScan Tracker Test Engineer: Felix
Test Mode: a 5180MHz
Test Voltage: DC 3.636V
Note:

Radiated Emission Measurement

Test Date: 2026/7/6 18:30:17



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9238.625	55.05	-10.29	44.76	74.00	-29.24	peak	150	329	P	
2 *	14500.125	53.60	-7.05	46.55	74.00	-27.45	peak	150	158	P	

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