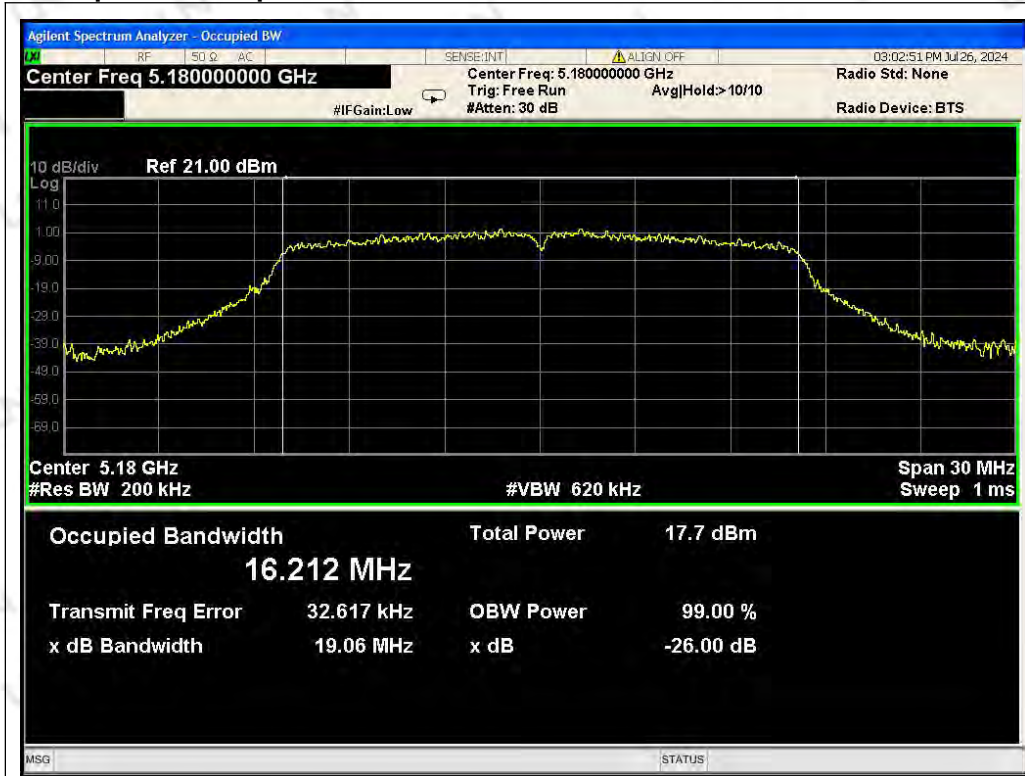


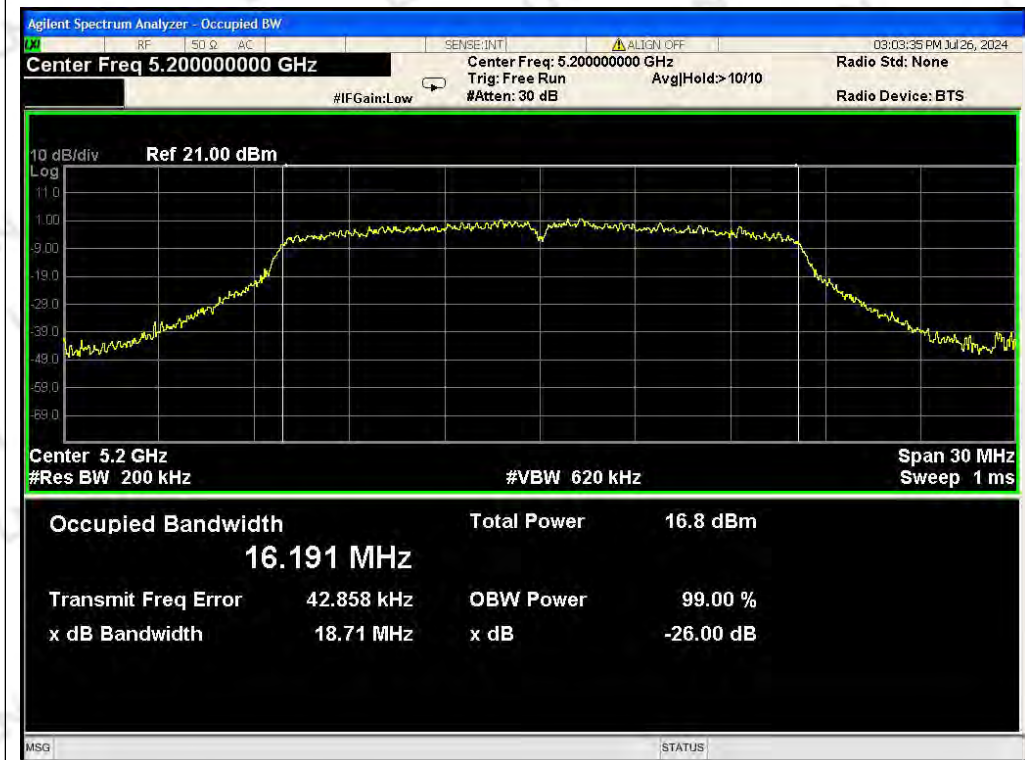
Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz					
Test Mode	Test Channel (MHz)	99% Occupied	-26dB Bandwidth	Limits (MHz)	Pass or Fail
802.11a	5180	16.212	19.06	N/A	Pass
	5200	16.191	18.71	N/A	Pass
	5240	16.186	19.09	N/A	Pass
802.11n20	5180	17.290	19.62	N/A	Pass
	5200	17.273	20.05	N/A	Pass
	5240	17.271	19.98	N/A	Pass

Test Data of Occupied Bandwidth and DTS Bandwidth for band 5.725-5.85 GHz					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-6dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5745	16.175	15.08	0.5	Pass
	5785	16.173	15.08	0.5	Pass
	5825	16.175	15.08	0.5	Pass
802.11n20	5745	17.274	15.04	0.5	Pass
	5785	17.305	15.06	0.5	Pass
	5825	17.304	15.02	0.5	Pass

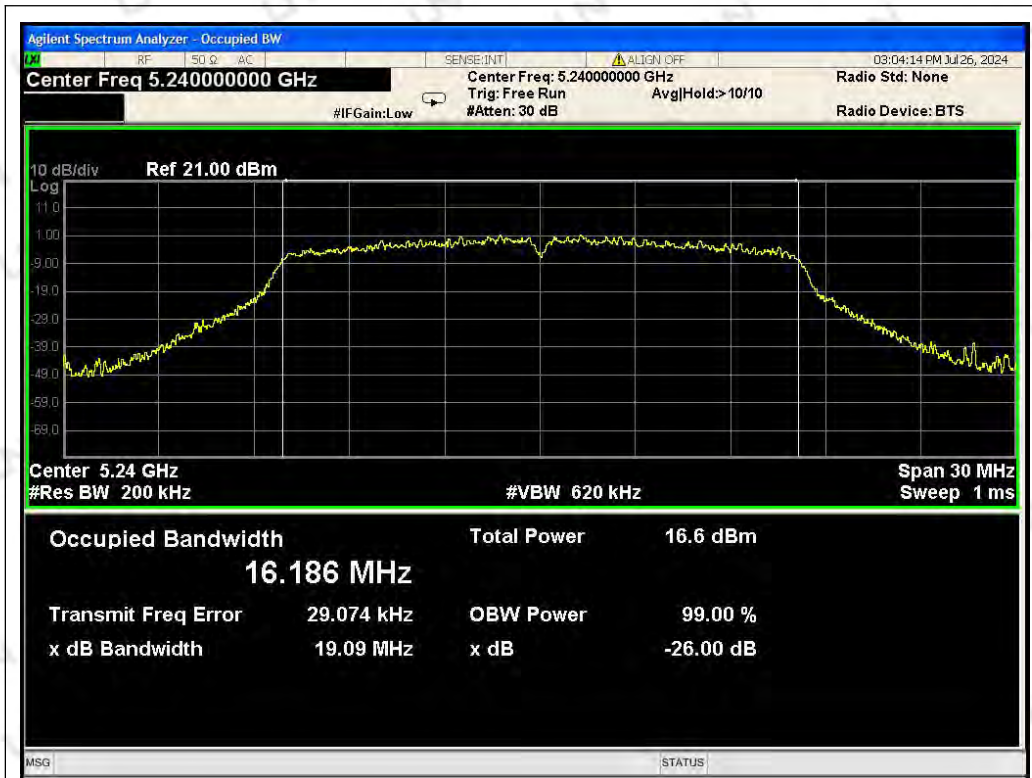
Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz



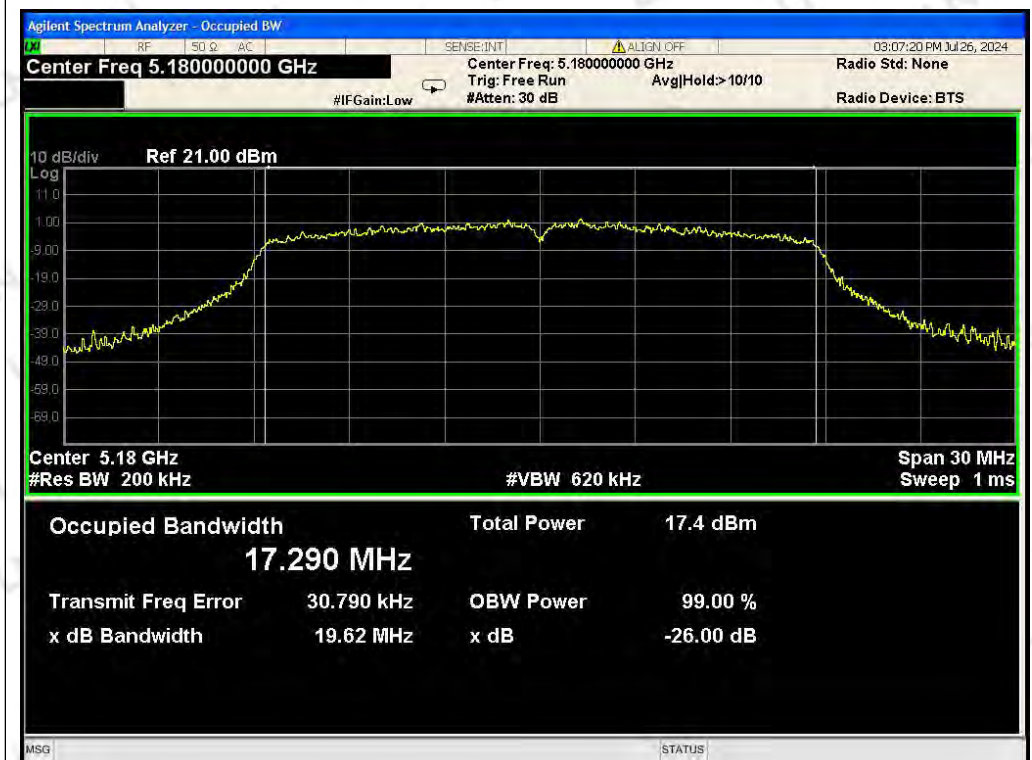
802.11a_ANT1_5180_6Mbps_OBW



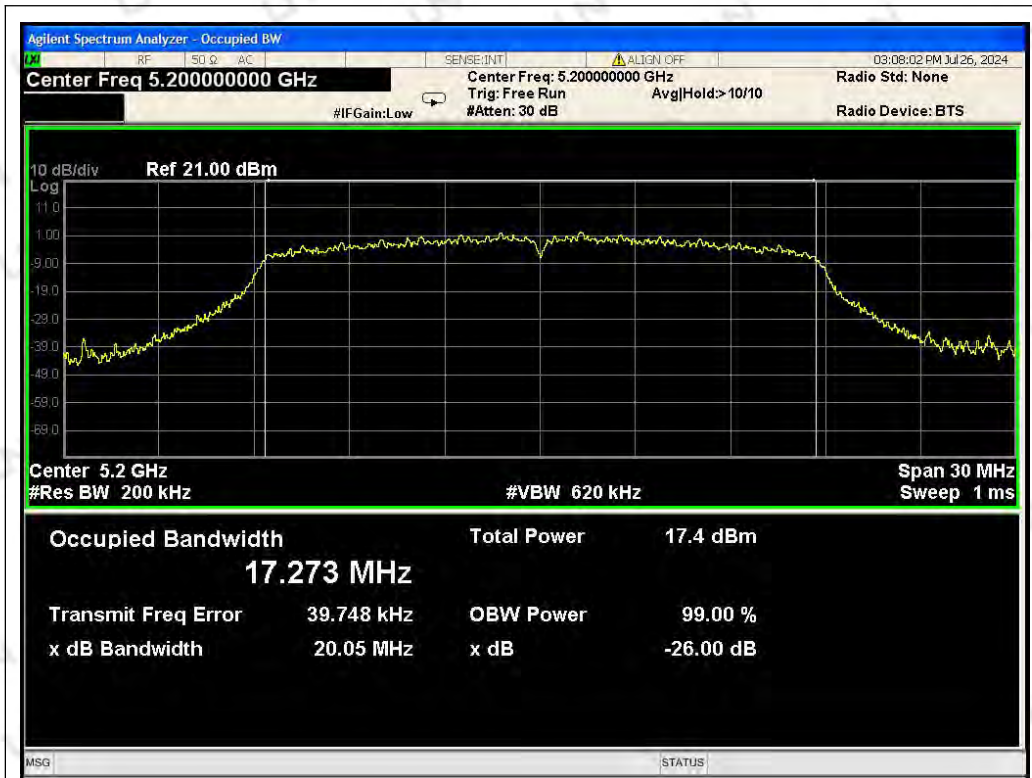
802.11a_ANT1_5200_6Mbps_OBW



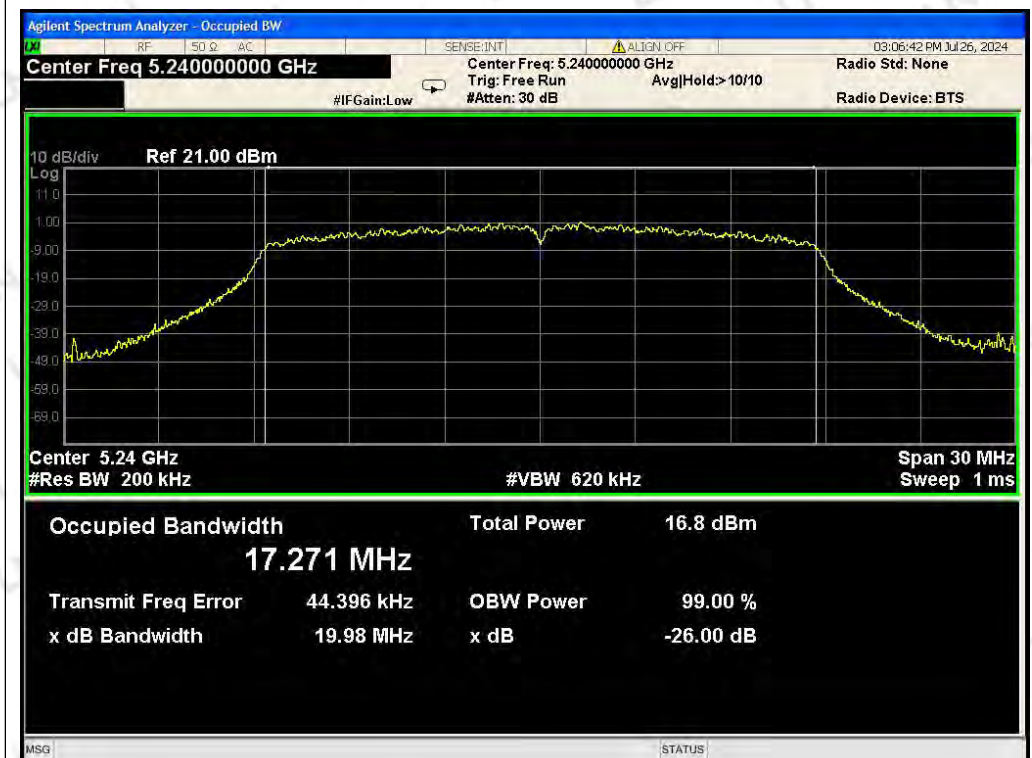
802.11a_ANT1_5240_6Mbps_OBW



802.11n20_ANT1_5180_MCS0_OBW

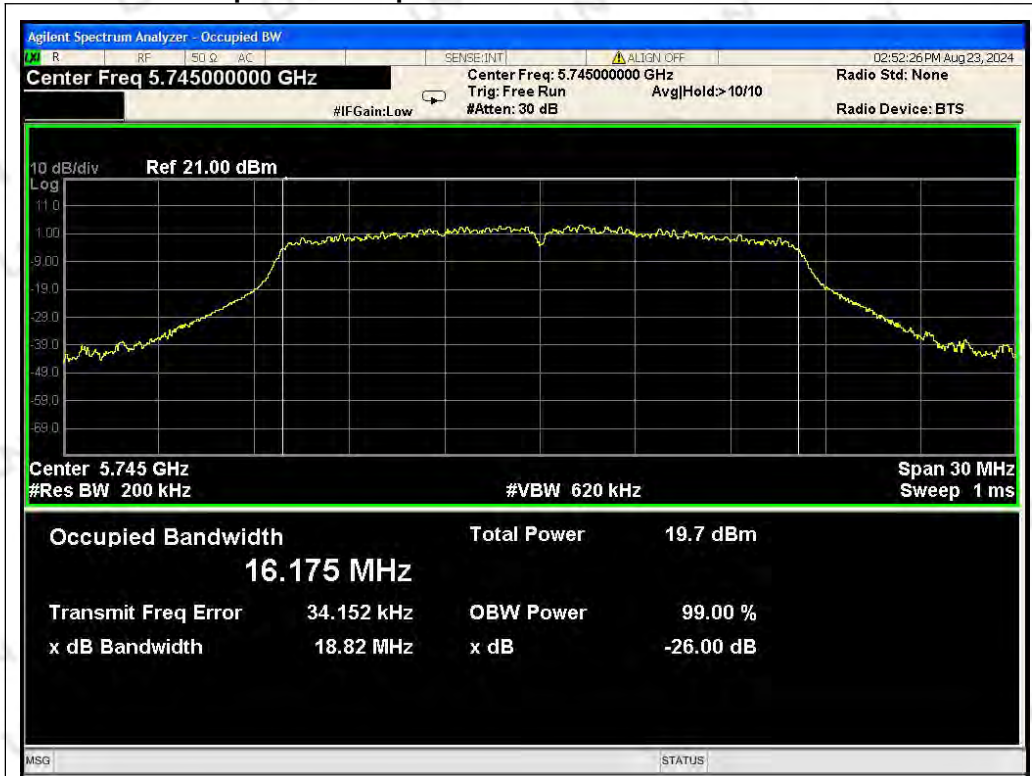


802.11n20_ANT1_5200_MCS0_OBW

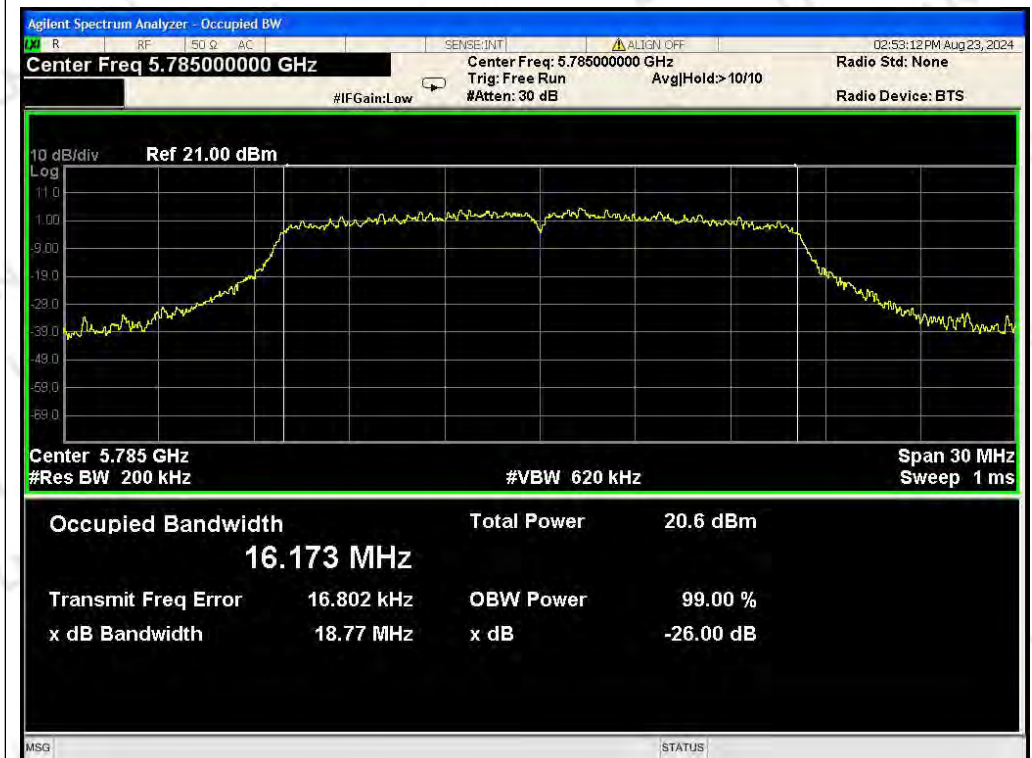


802.11n20_ANT1_5240_MCS0_OBW

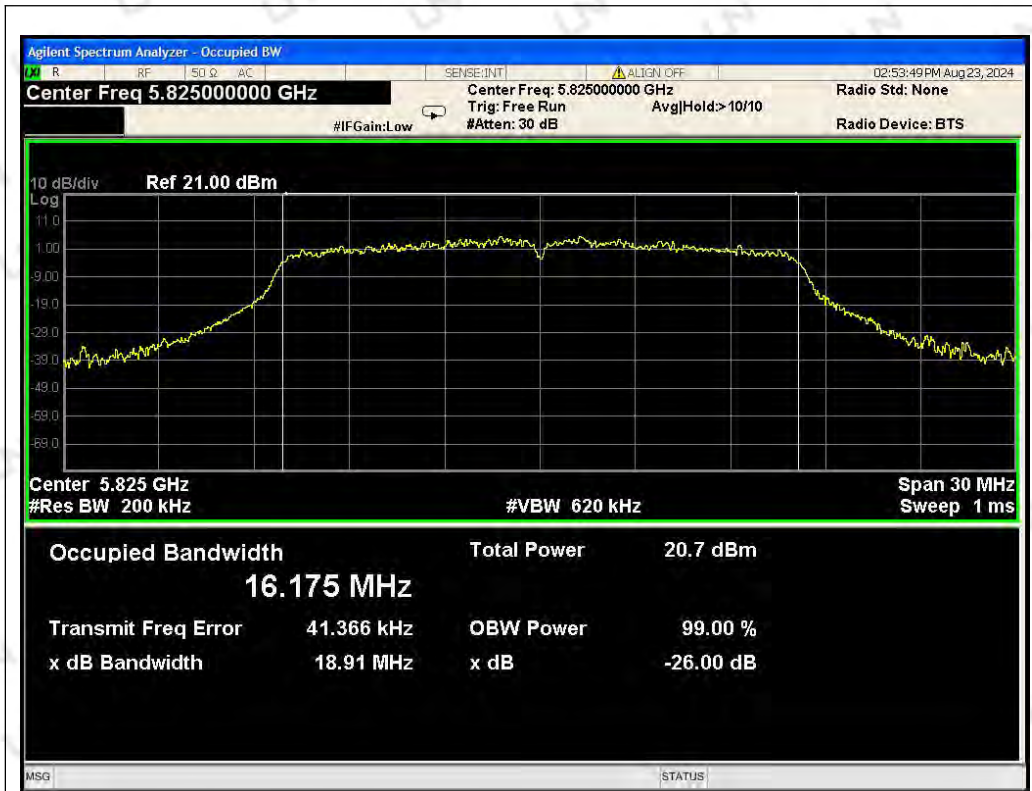
Test Graphs of Occupied Bandwidth for band 5.725-5.85 GHz



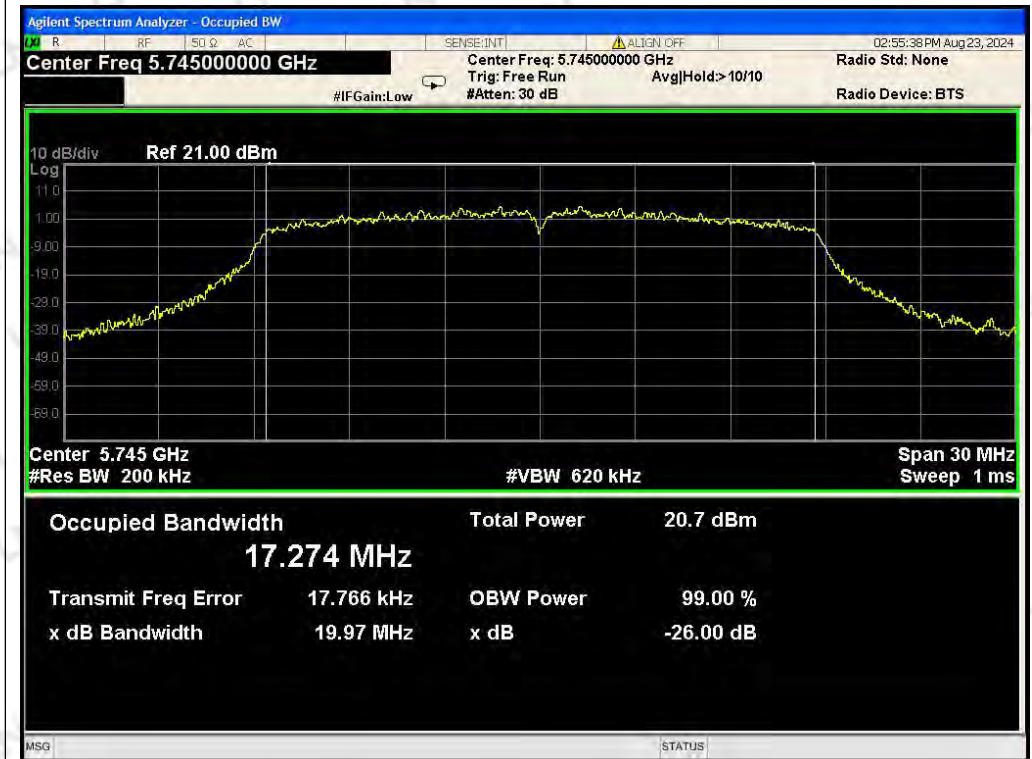
802.11a_ANT1_5745_6Mbps_OBW



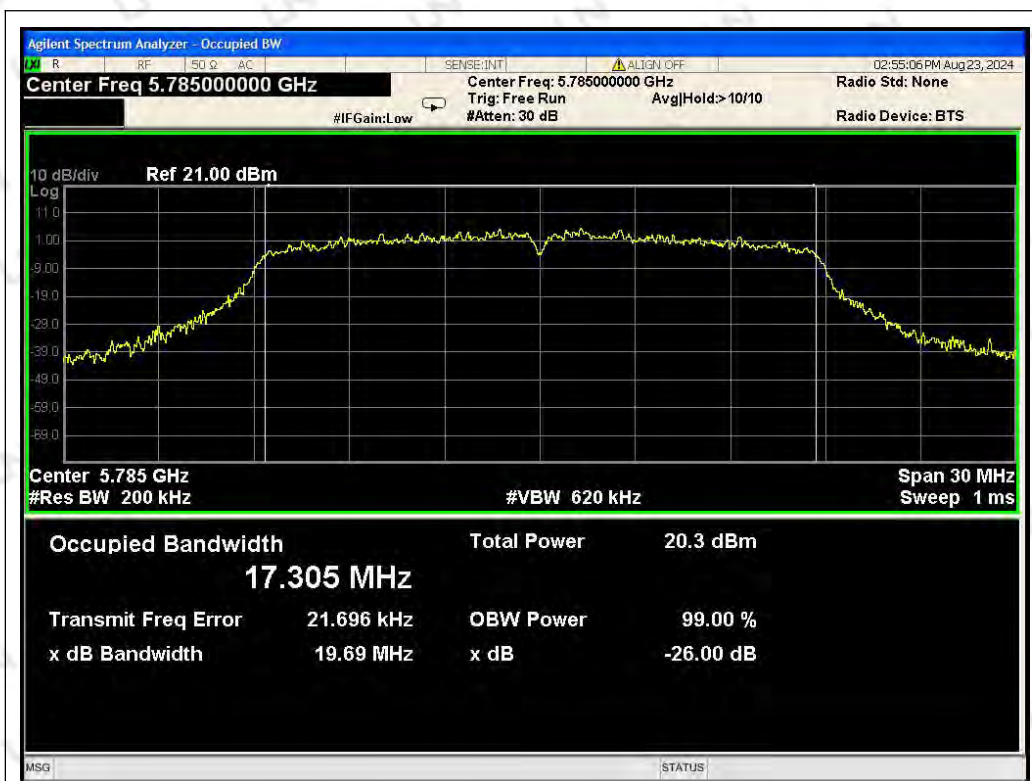
802.11a_ANT1_5785_6Mbps_OBW



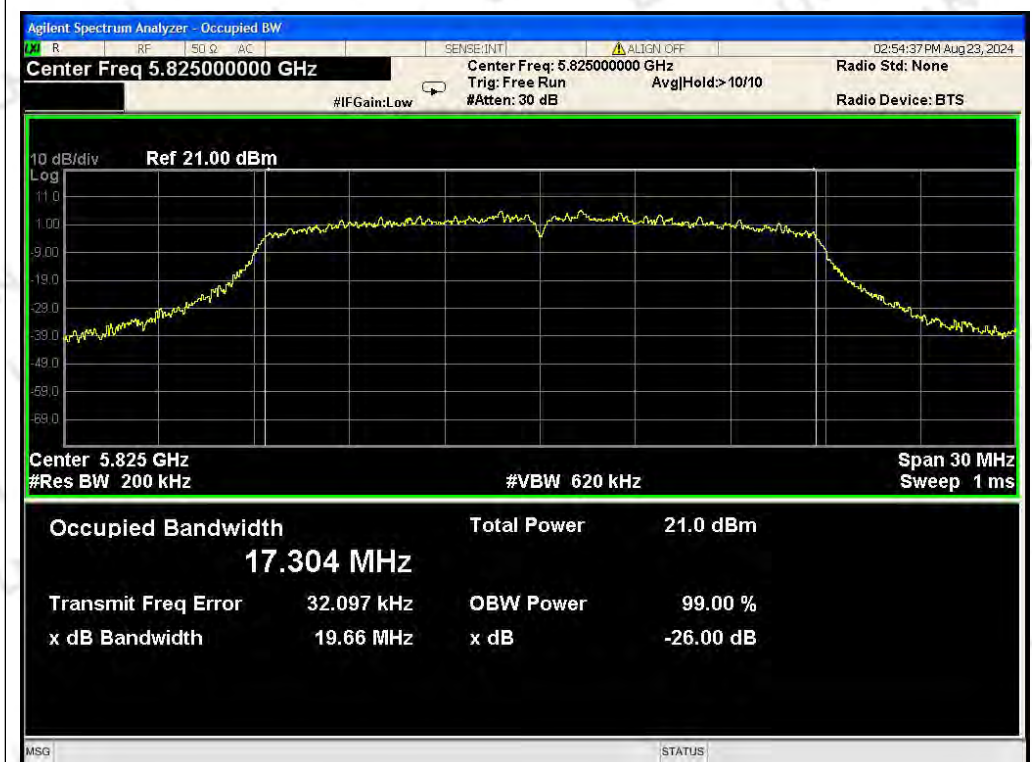
802.11a ANT1_5825_6Mbps_OBW



802.11n20 ANT1_5745_MCS0_OBW

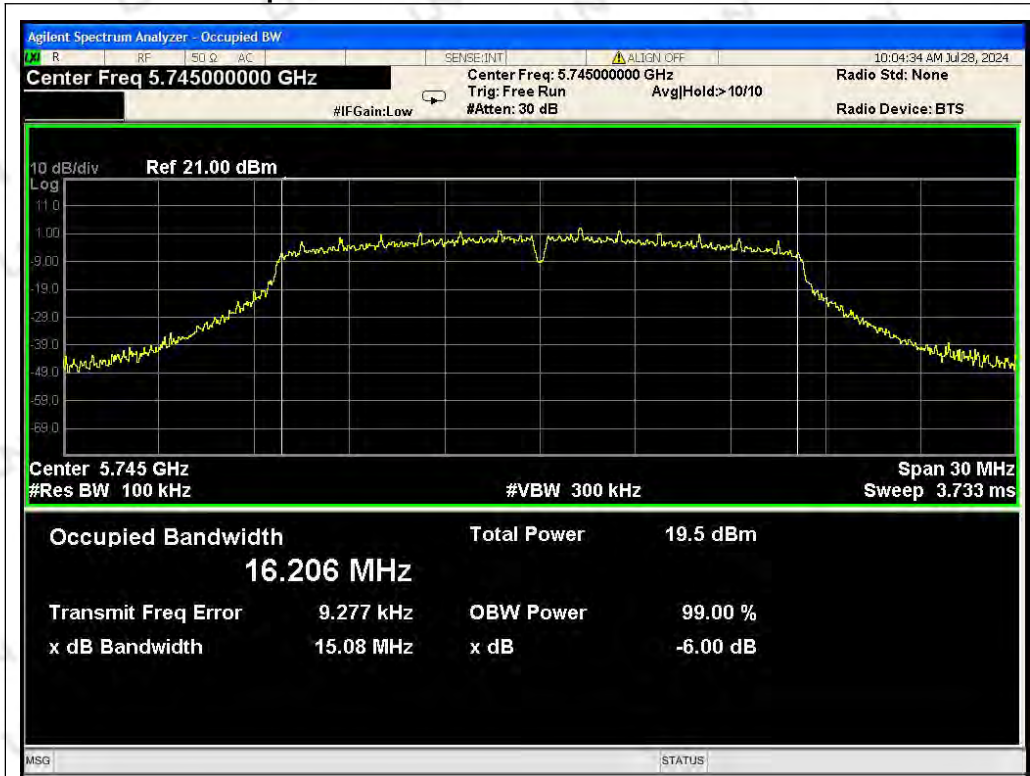


802.11n20_ANT1_5785_MCS0_OBW

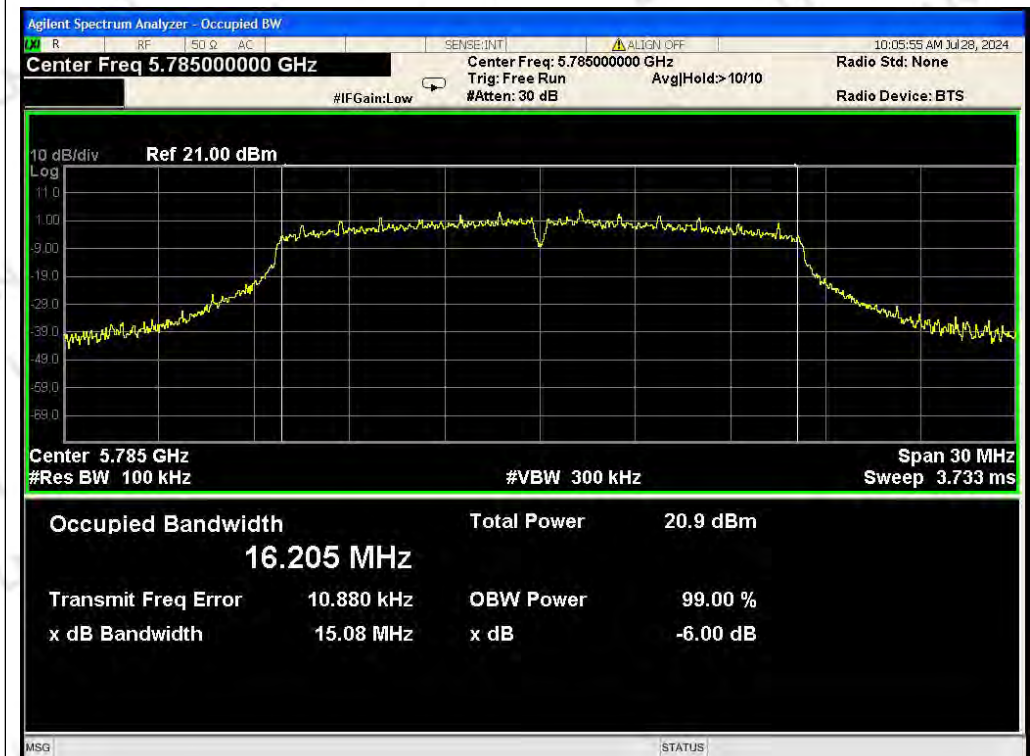


802.11n20_ANT1_5825_MCS0_OBW

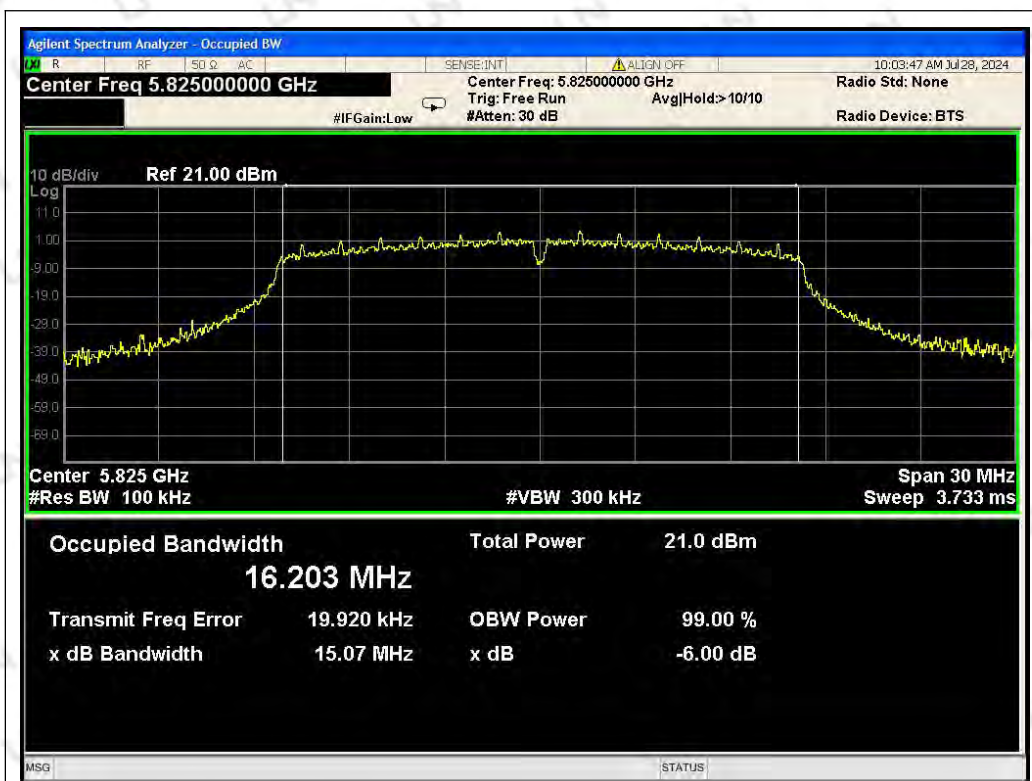
Test Graphs of -6dB Bandwidth for band 5.725-5.85 GHz



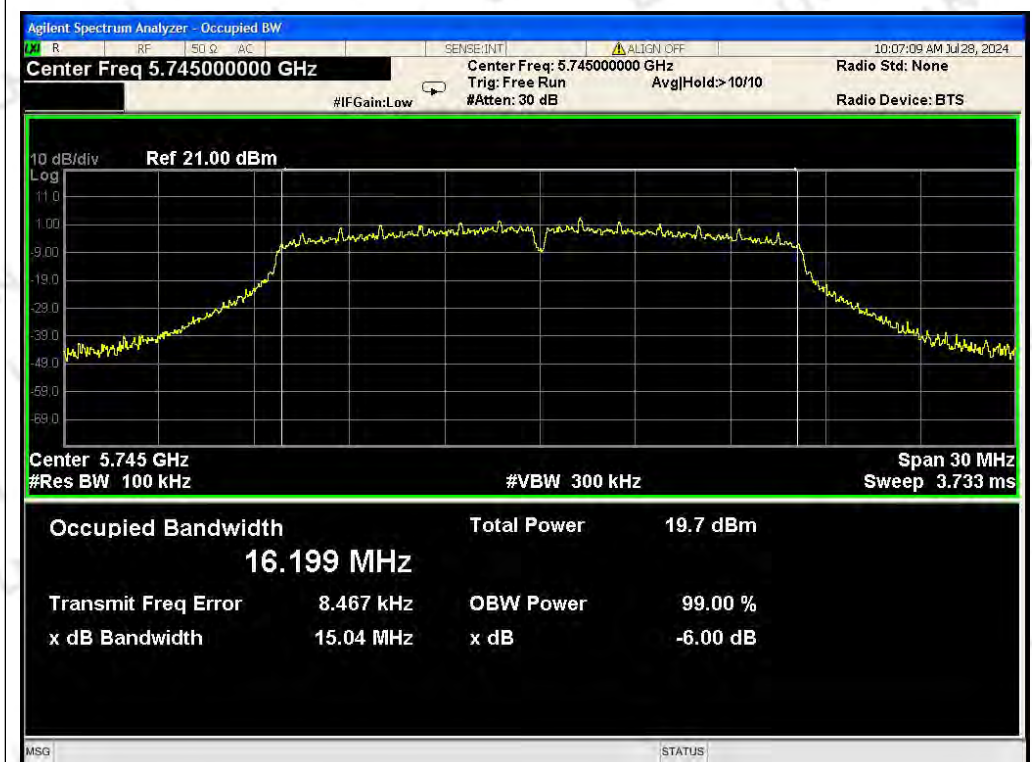
802.11a_ANT1_5745_6Mbps_OBW



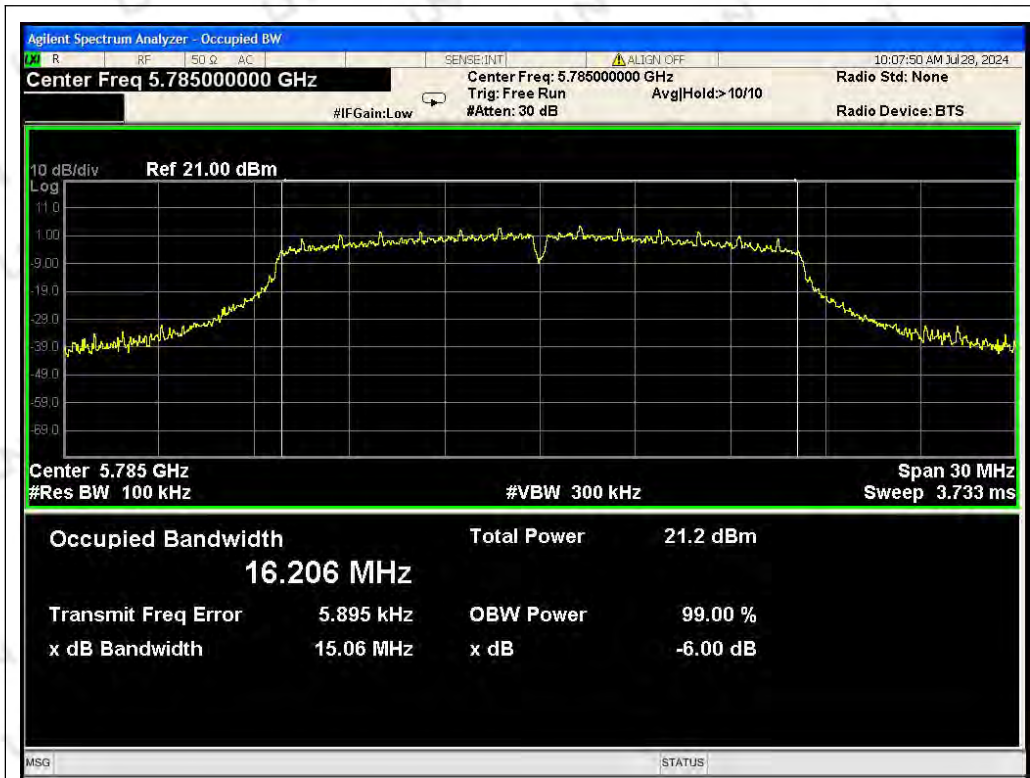
802.11a_ANT1_5785_6Mbps_OBW



802.11a_ANT1_5825_6Mbps_OBW



802.11n20_ANT1_5745_MCS0_OBW



802.11n20_ANT1_5785_MCS0_OBW



802.11n20_ANT1_5825_MCS0_OBW

Test Data of Conducted Output Power Density for band 5.15-5.25 GHz

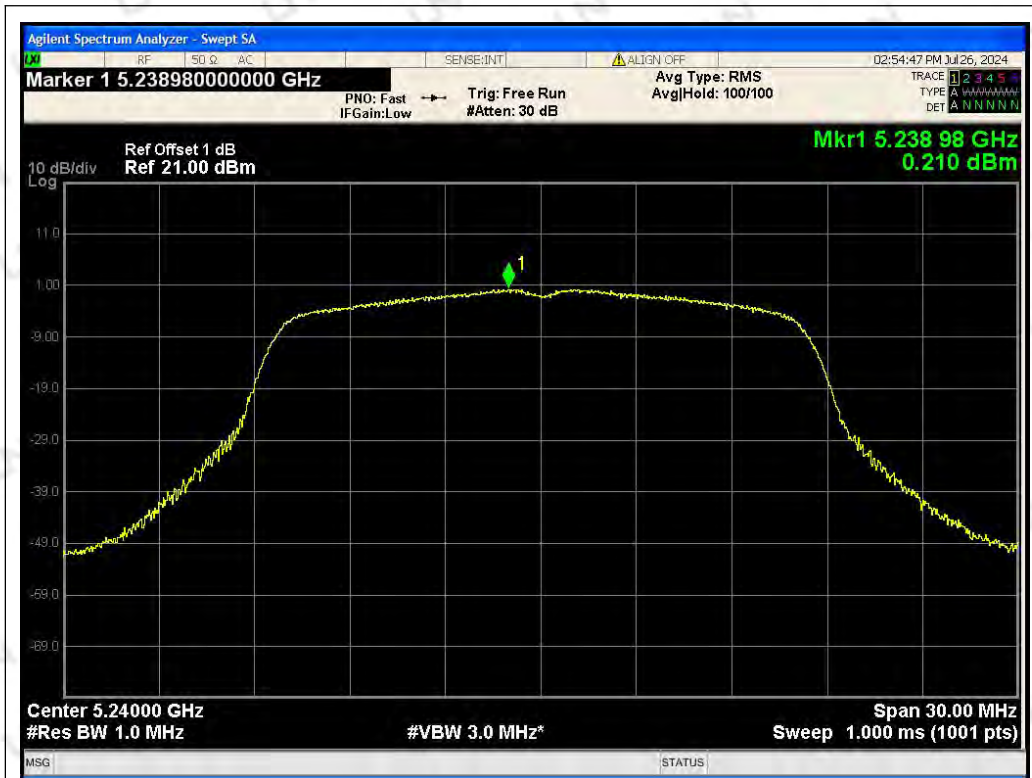
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Duty factor (dB)	Total Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
802.11a	5180	1.058	0	1.058	11	Pass
	5200	0.603	0	0.603	11	Pass
	5240	0.210	0	0.21	11	Pass
802.11n20	5180	0.801	0.10	0.901	11	Pass
	5200	0.622	0	0.622	11	Pass
	5240	-0.339	0	-0.339	11	Pass

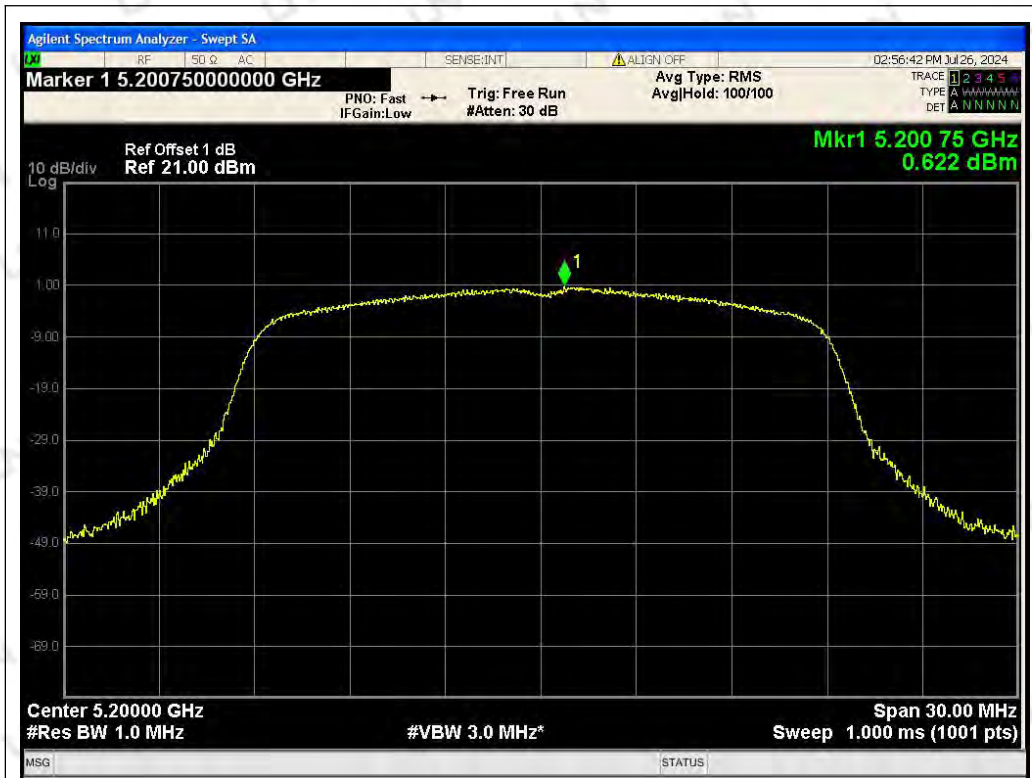
Test Data of Conducted Output Power Spectral Density for band 5.725-5.85 GHz

Test Mode	Test Channel (MHz)	Average Power Density (dBm/500kHz)	Duty factor (dB)	Total Power Density (dBm/500k)	Limits (dBm/500kHz)	Pass or Fail
802.11a	5745	0.503	0.13	0.633	30	Pass
	5785	1.338	0.10	1.438	30	Pass
	5825	1.906	0.11	2.016	30	Pass
802.11n20	5745	1.862	0.11	1.972	30	Pass
	5785	1.711	0.10	1.811	30	Pass
	5825	2.170	0	2.17	30	Pass

Test Graphs of Conducted Output Power Spectral Density for band 5.15-5.25 GHz







Test Graphs of Conducted Output Power Spectral Density for band 5.725-5.85 GHz



802.11a_ANT1_5745_6Mbps_PSD



802.11a_ANT1_5785_6Mbps_PSD



802.11a_ANT1_5825_6Mbps_PSD



802.11n20_ANT1_5745_MCS0_PSD



802.11n20_ANT1_5825_MCS0_PSD



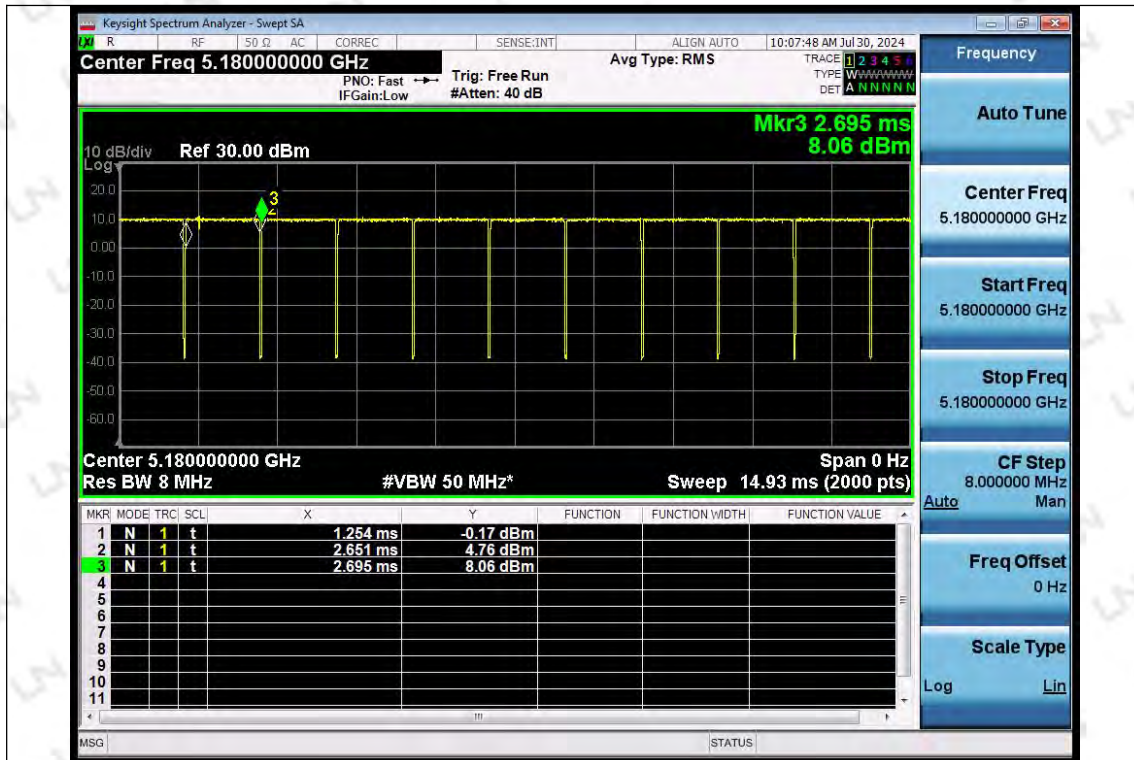
802.11n20_ANT1_5825_MCS0_PSD

Test Data of Conducted Output Power for band 5.15-5.25 GHz						
Test Mode	Test Channel	Average Power	Duty factor(dB)	Total Power(dBm)	Limits (dBm)	Pass or Fail
802.11a	5180	9.415	0	9.415	23.98	Pass
	5200	8.538	0	8.538	23.98	Pass
	5240	7.689	0	7.689	23.98	Pass
802.11n20	5180	8.652	0.10	8.752	23.98	Pass
	5200	9.125	0	9.125	23.98	Pass
	5240	7.477	0	7.477	23.98	Pass

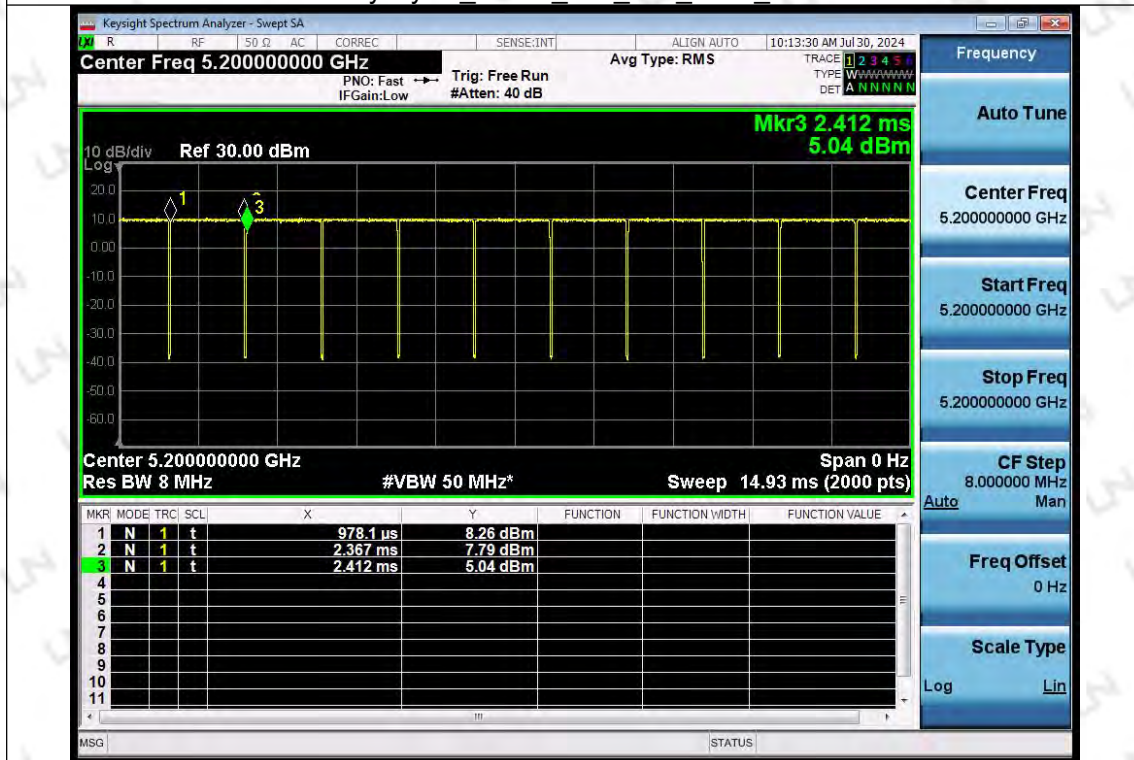
Test Data of Conducted Output Power for band 5.725-5.85 GHz						
Test Mode	Test Channel	Average Power	Duty factor(dB)	Total Power(dBm)	Limits (dBm)	Pass or Fail
802.11a	5745	12.133	0.13	12.263	30	Pass
	5785	12.939	0.10	13.039	30	Pass
	5825	12.608	0.11	12.718	30	Pass
802.11n20	5745	12.689	0.11	12.799	30	Pass
	5785	12.695	0.10	12.795	30	Pass
	5825	12.732	0	12.732	30	Pass

Duty Cycle

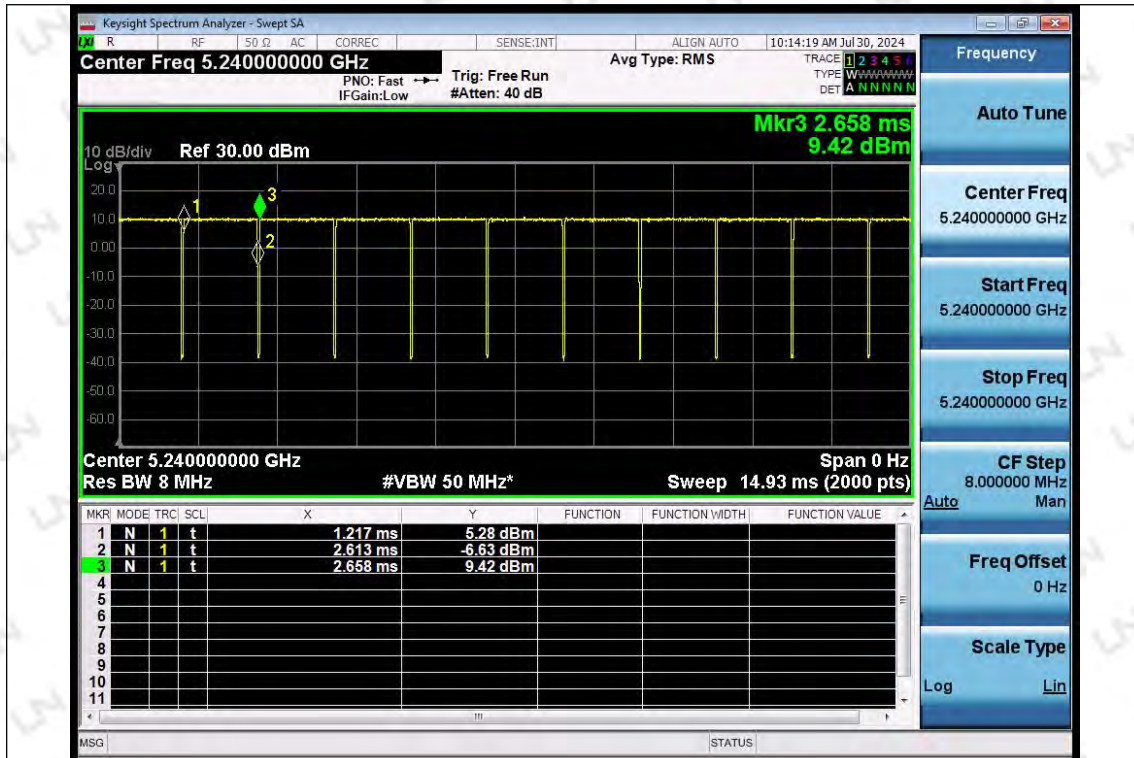
Test Mode	Frequency (MHz)	Duty cycle(%)	Duty_factor
802.11a	5180	98.37	0
802.11a	5200	98.13	0
802.11a	5240	98.31	0
802.11a	5745	96.99	0.13
802.11a	5785	97.74	0.10
802.11a	5825	97.45	0.11
802.11n20	5180	97.76	0.10
802.11n20	5200	98.25	0
802.11n20	5240	98.25	0
802.11n20	5745	97.61	0.11
802.11n20	5785	97.79	0.10
802.11n20	5825	98.17	0



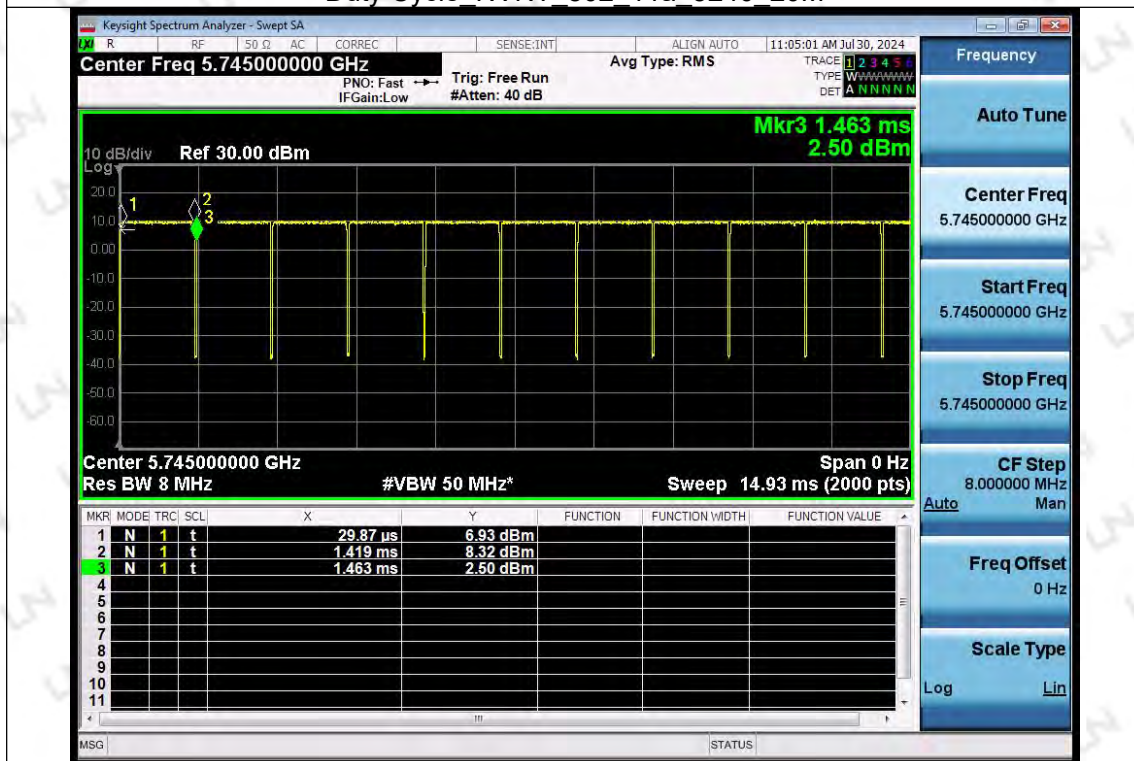
Duty Cycle_NVNT_802_11a_5180_20M



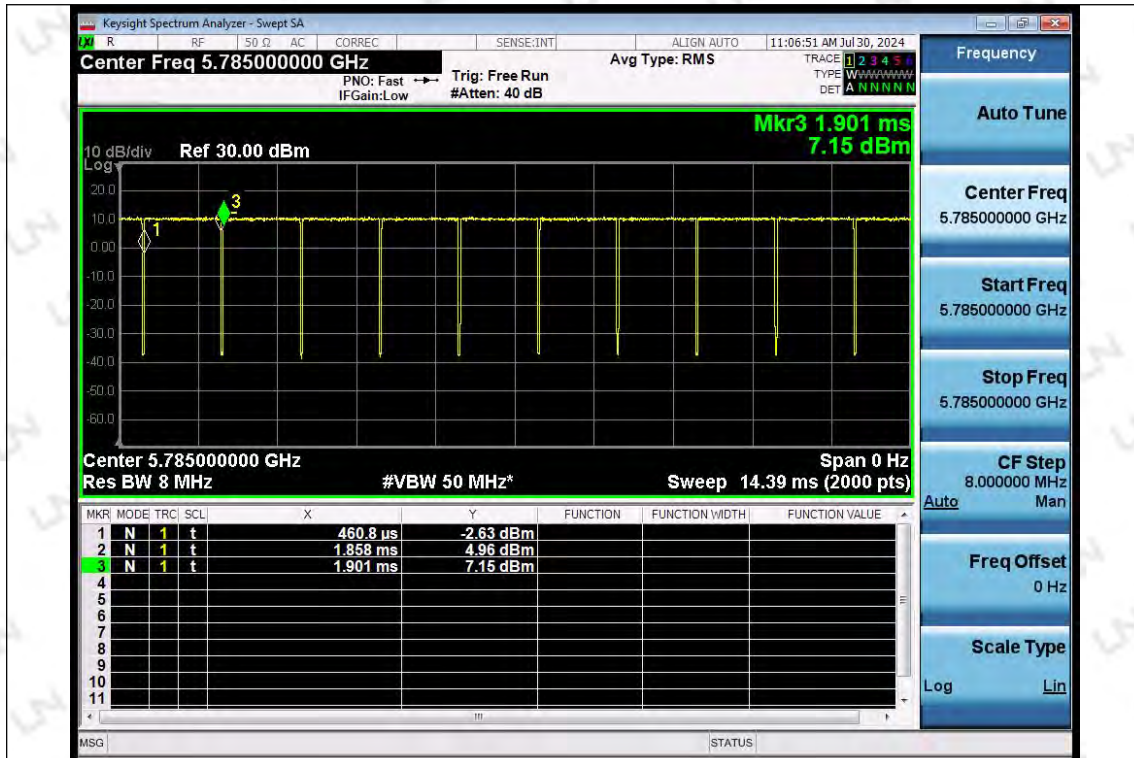
Duty Cycle_NVNT_802_11a_5200_20M



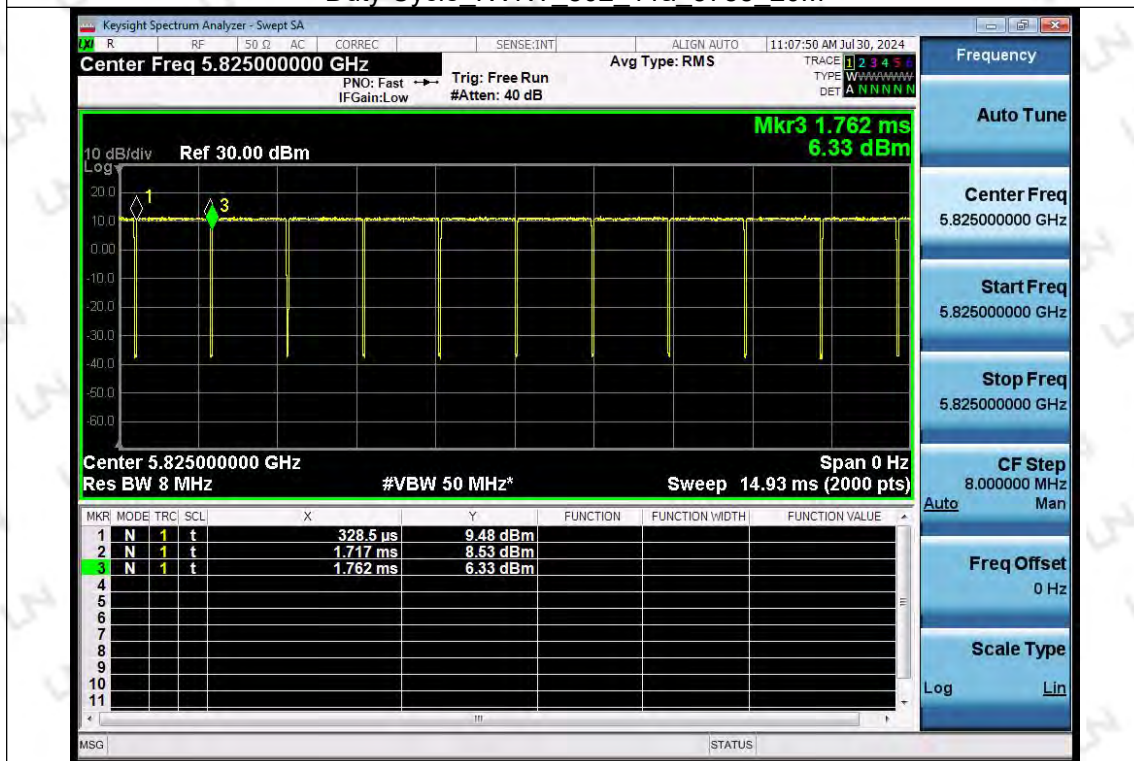
Duty Cycle NVNT 802 11a 5240 20M



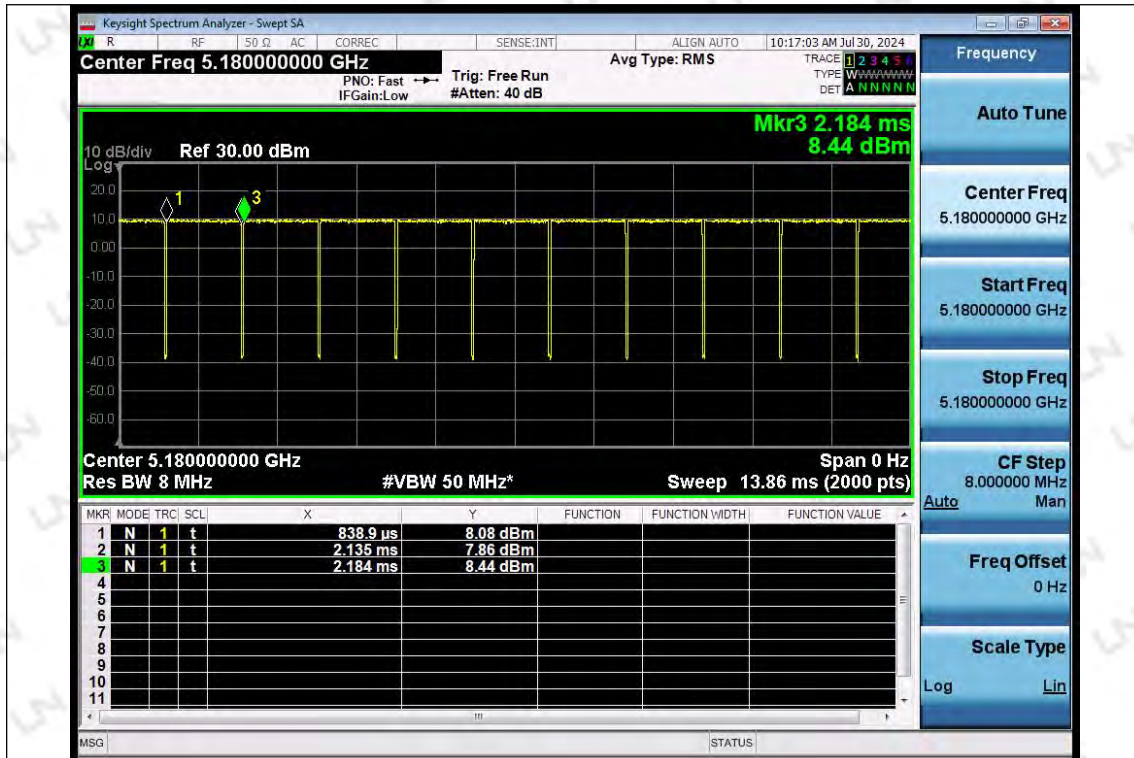
Duty Cycle NVNT 802 11a 5745 20M



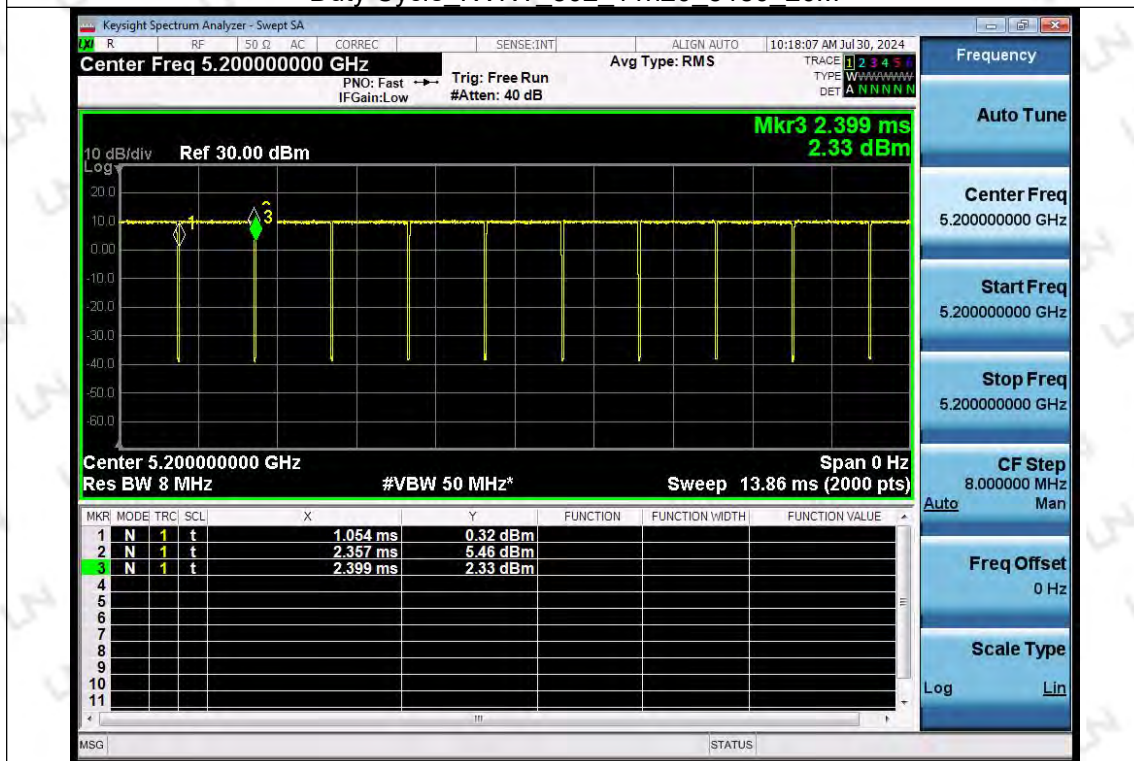
Duty Cycle NVNT 802 11a 5785 20M



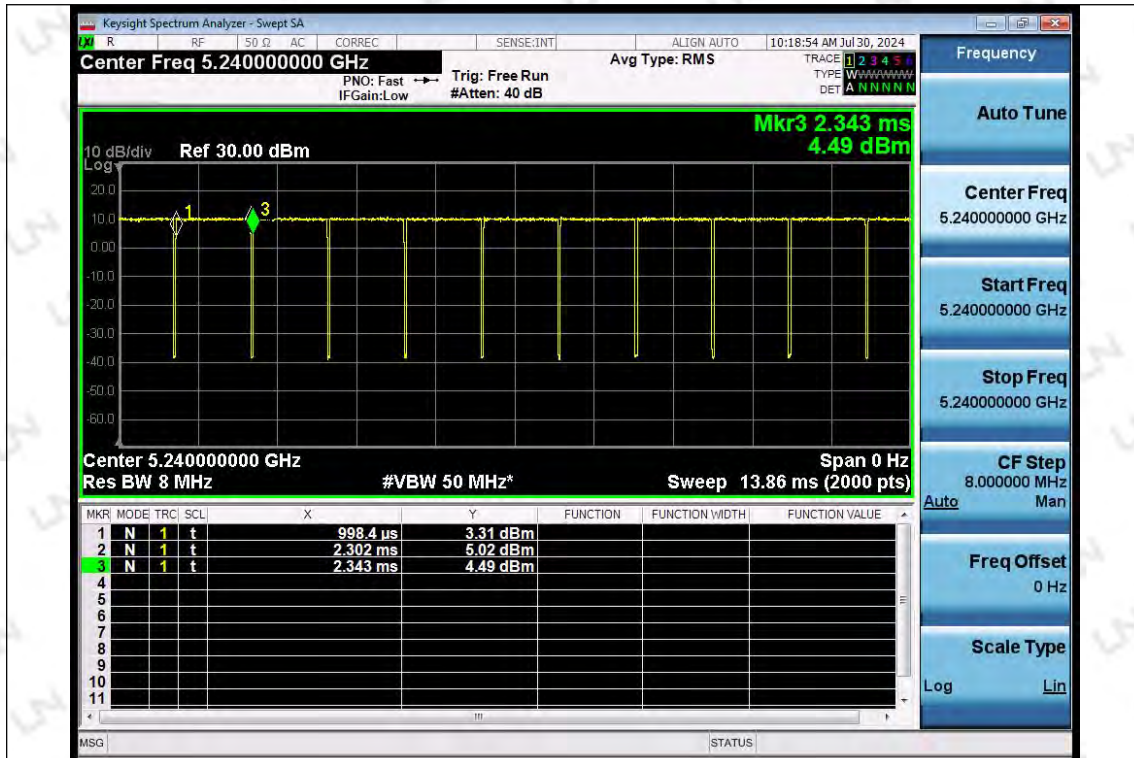
Duty Cycle NVNT 802 11a 5825 20M



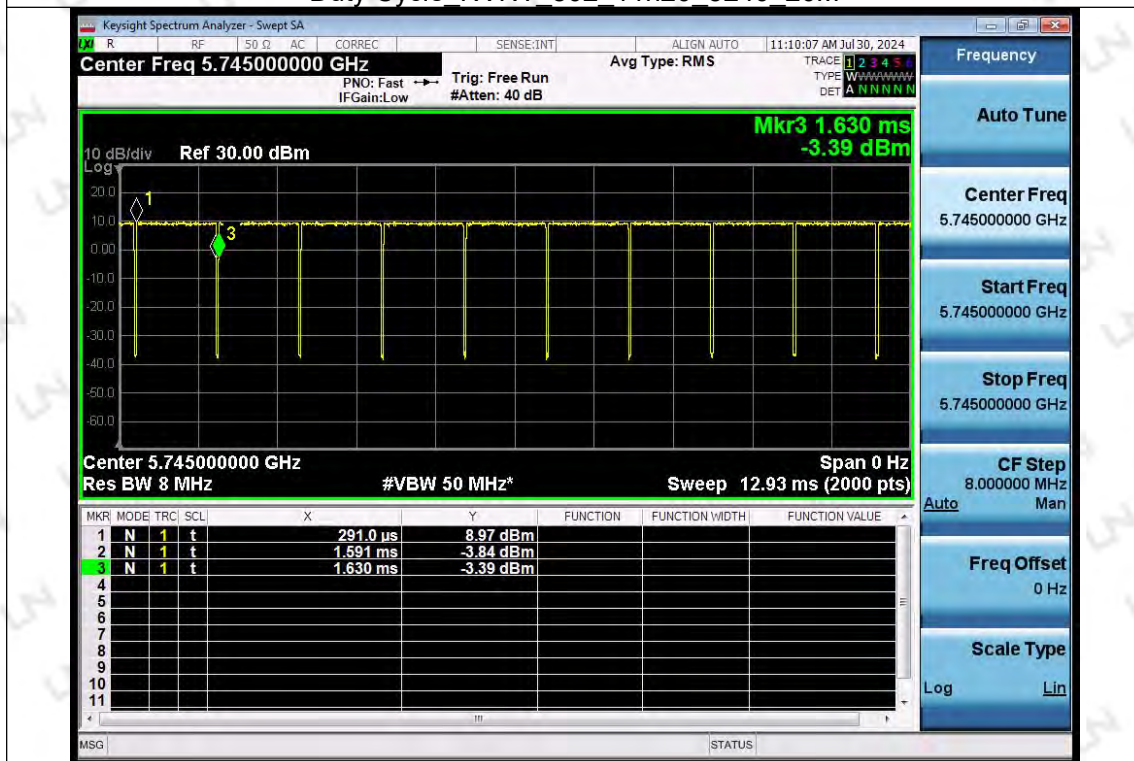
Duty Cycle NVNT 802 11n20 5180 20M



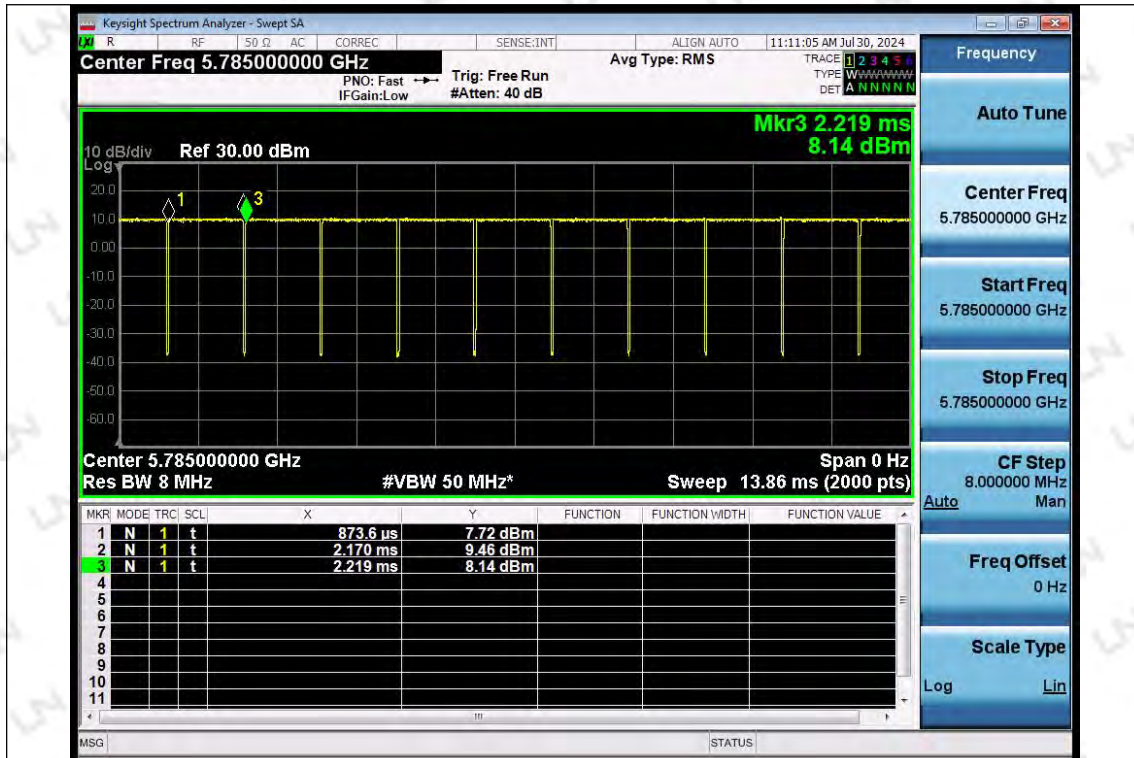
Duty Cycle NVNT 802 11n20 5200 20M



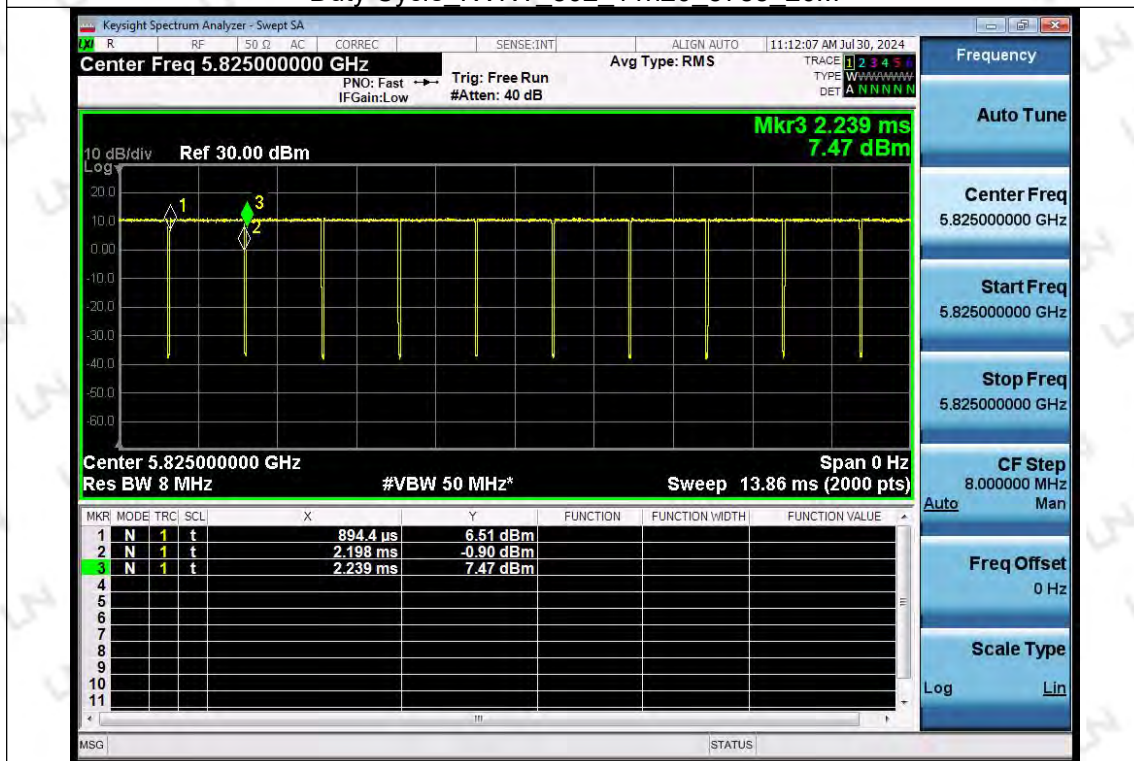
Duty Cycle NVNT 802 11n20 5240 20M



Duty Cycle NVNT 802 11n20 5745 20M

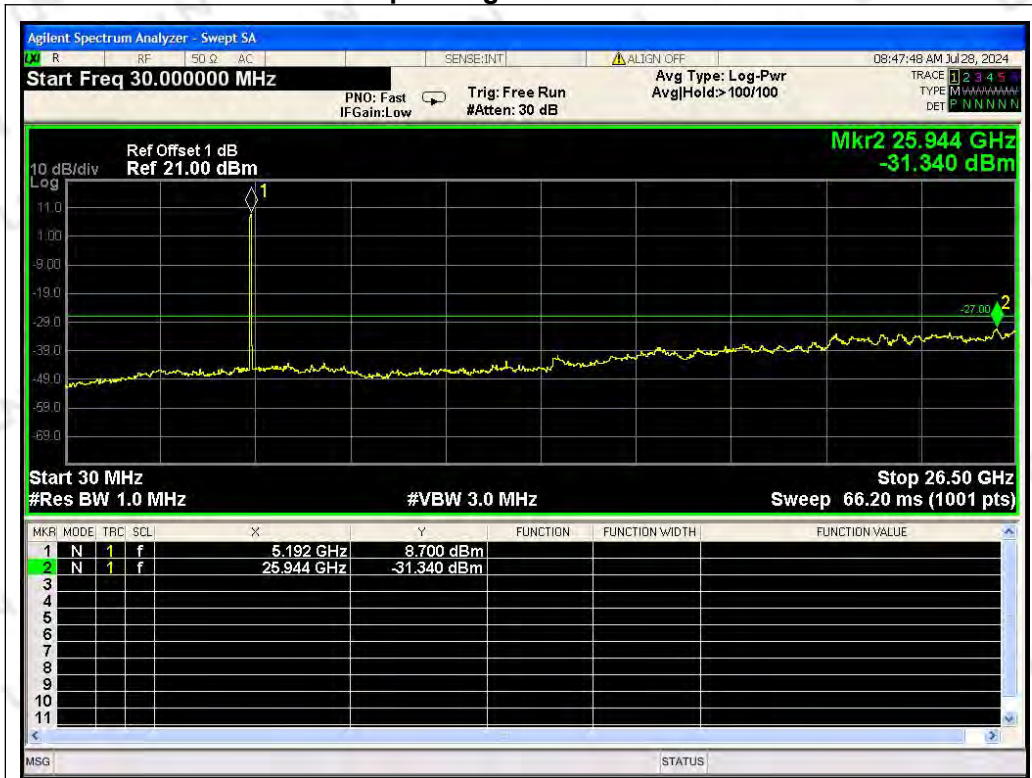


Duty Cycle NVNT 802 11n20 5785 20M

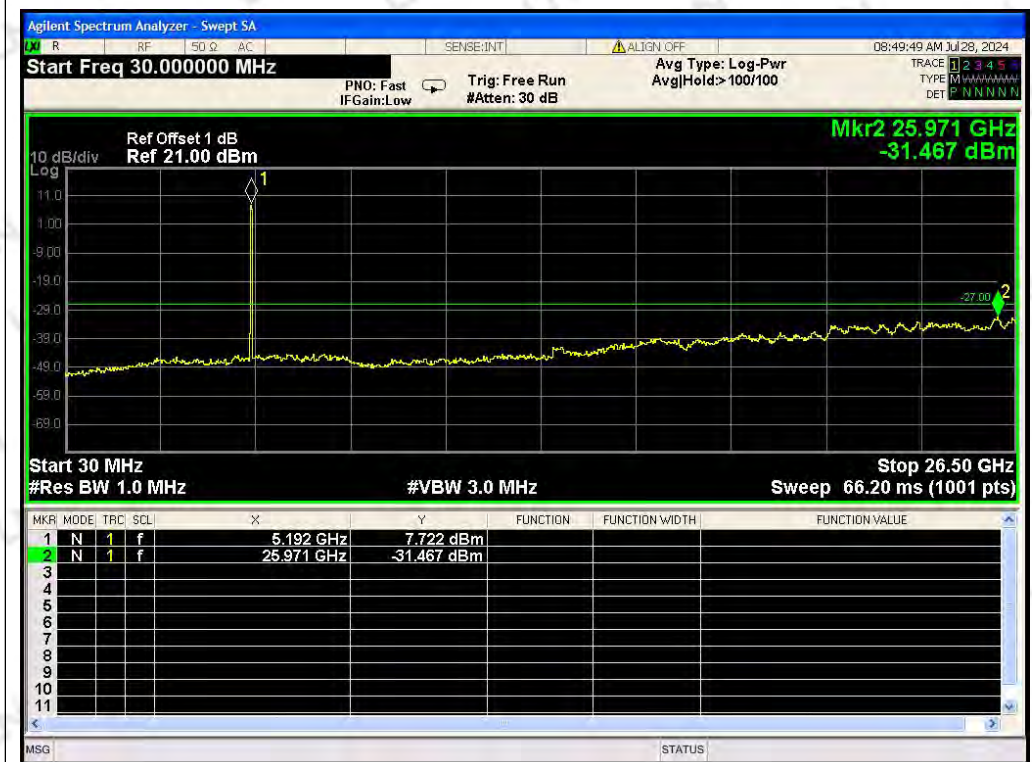


Duty Cycle NVNT 802 11n20 5825 20M

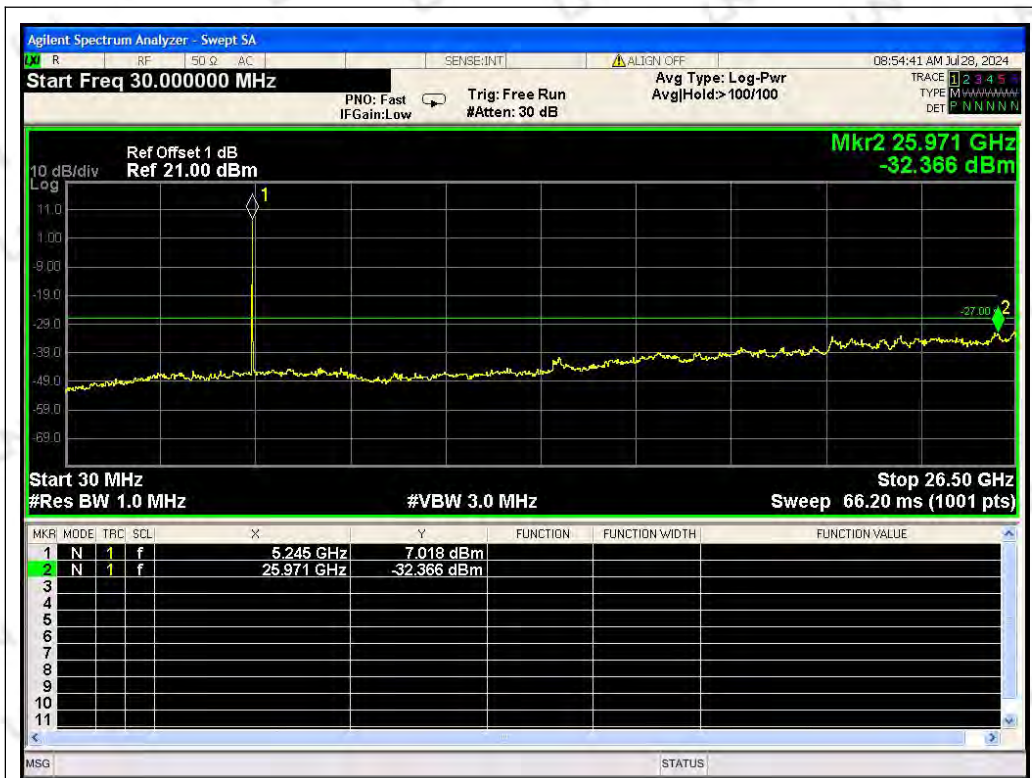
Test Graphs of Spurious Emissions outside of the 5.15-5.35 GHz band for transmitters operating in the 5.15-5.25 GHz band



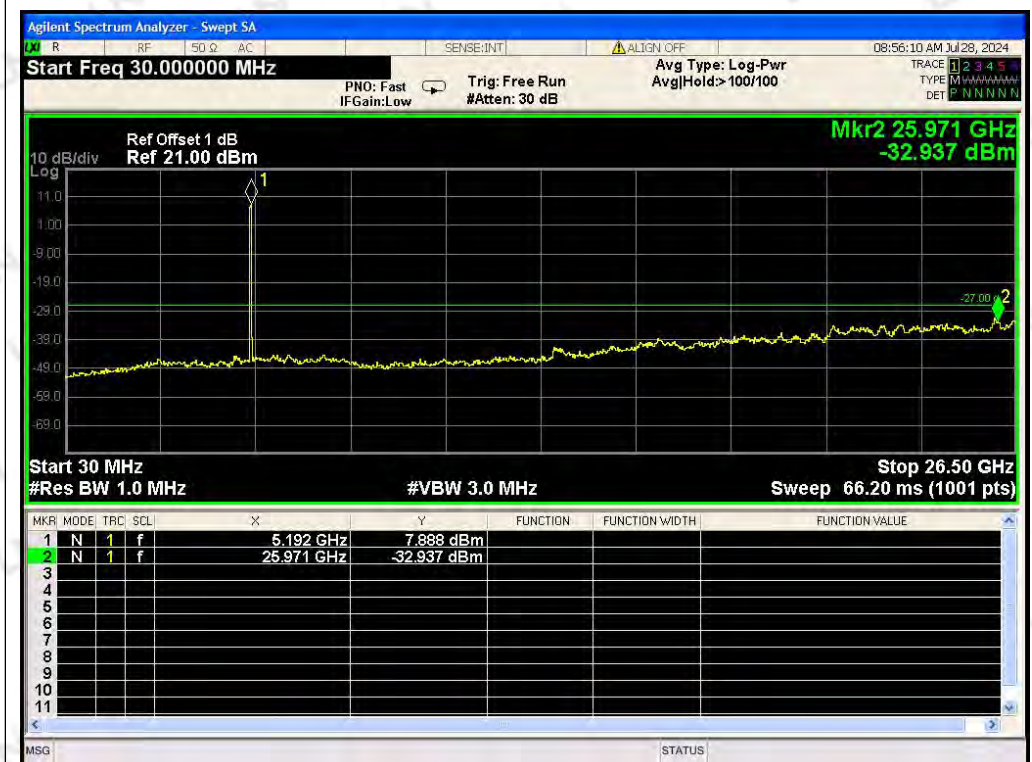
Spurious_Emission_NVNT_802_11a_5180_20M



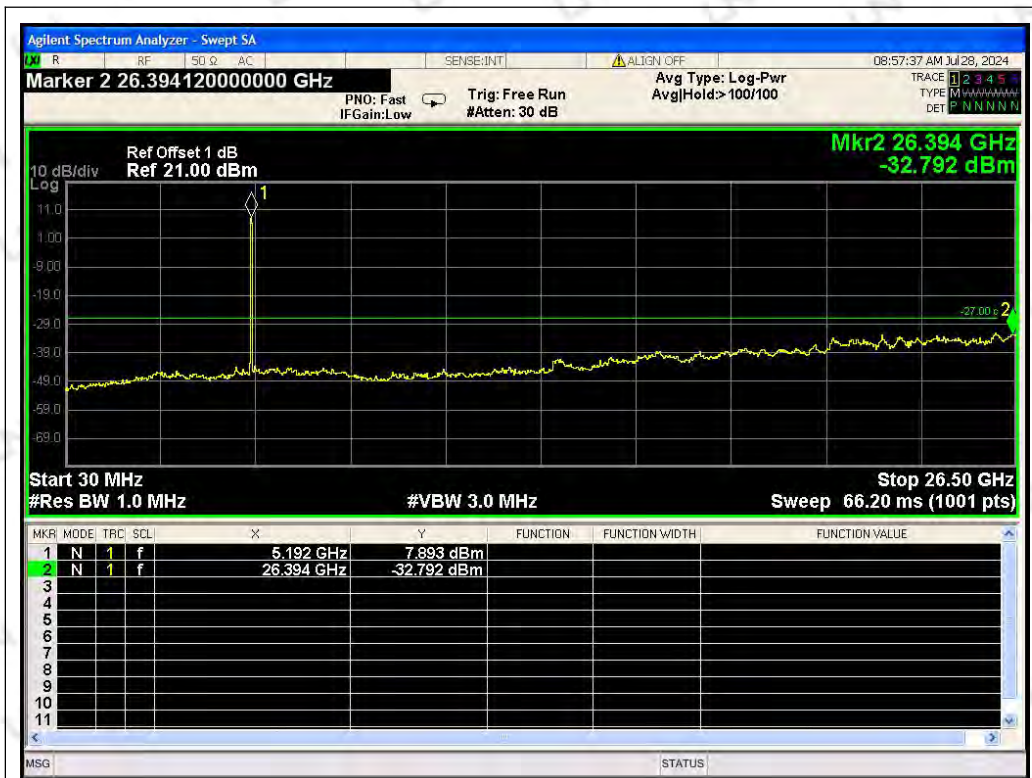
Spurious_Emission_NVNT_802_11a_5200_20M



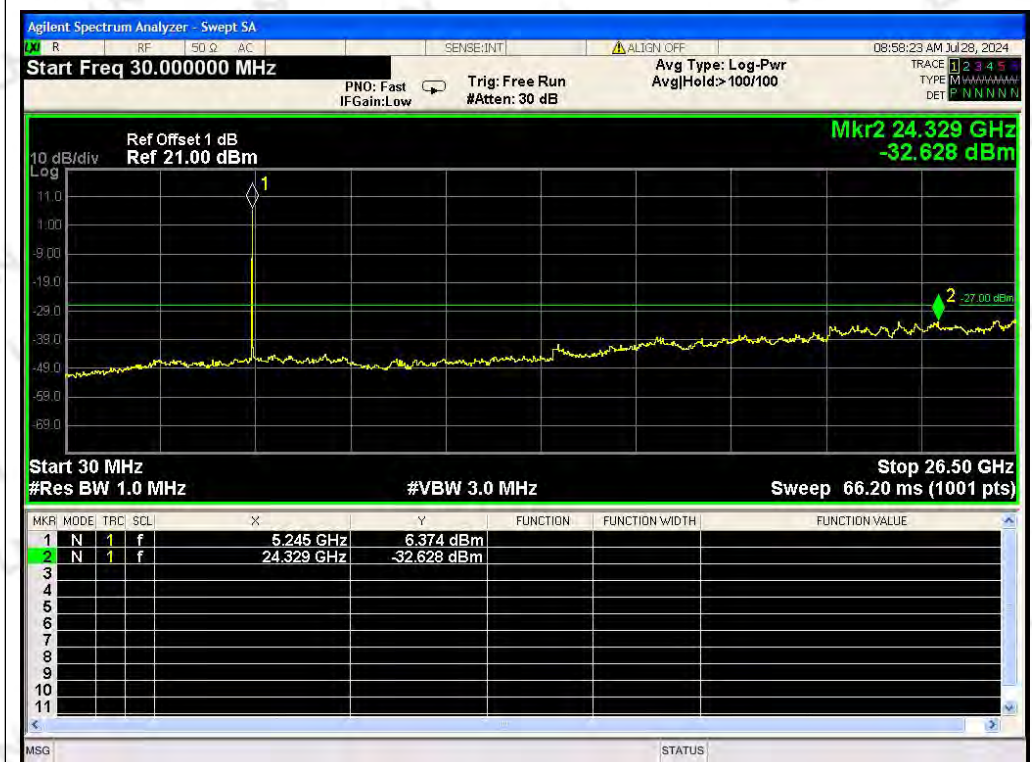
Spurious_Emission_NVNT_802_11a_5240_20M



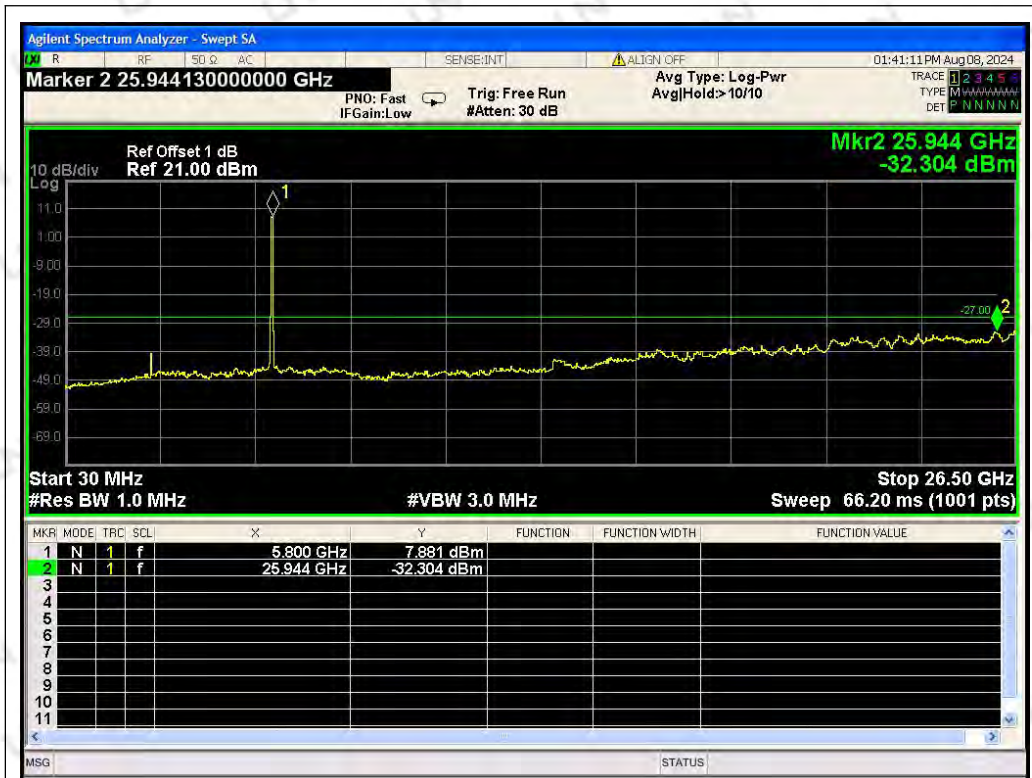
Spurious_Emission_NVNT_802_11n_5180_20M



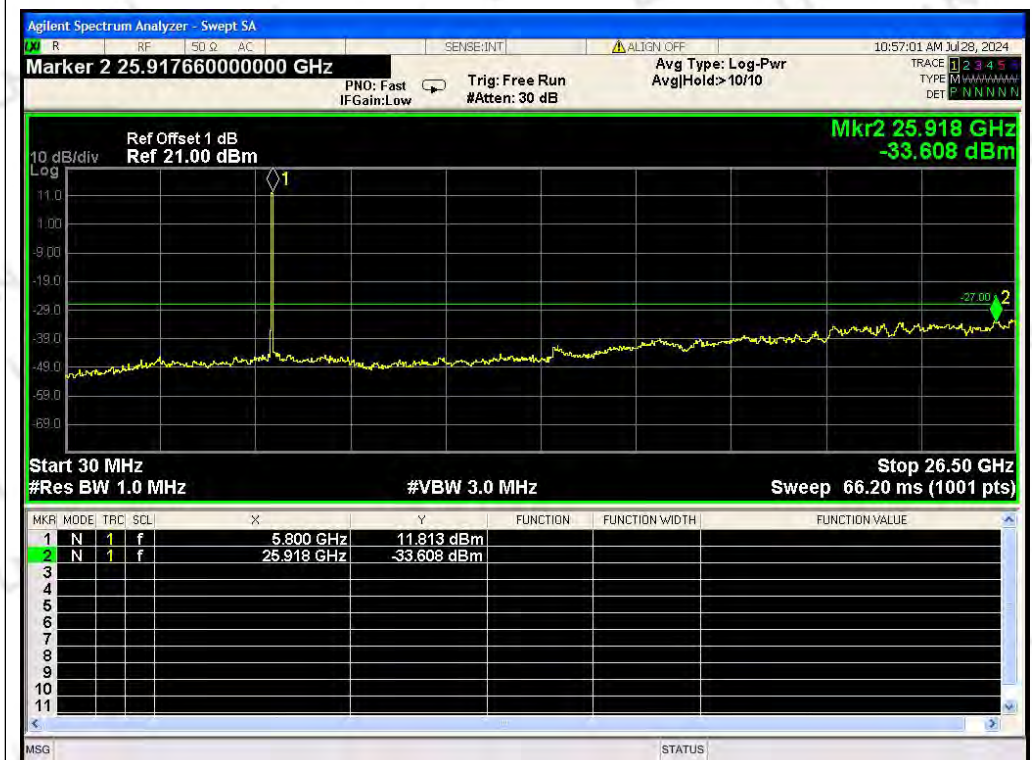
Spurious_Emission_NVNT_802_11n_5200_20M



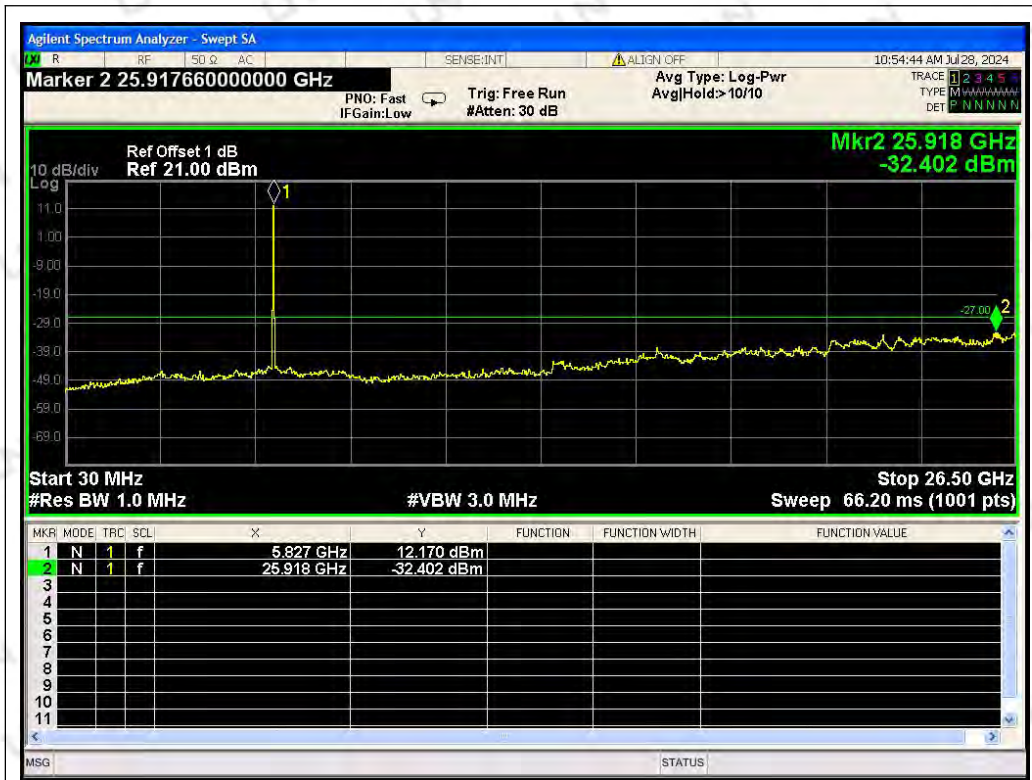
Spurious_Emission_NVNT_802_11n_5240_20M



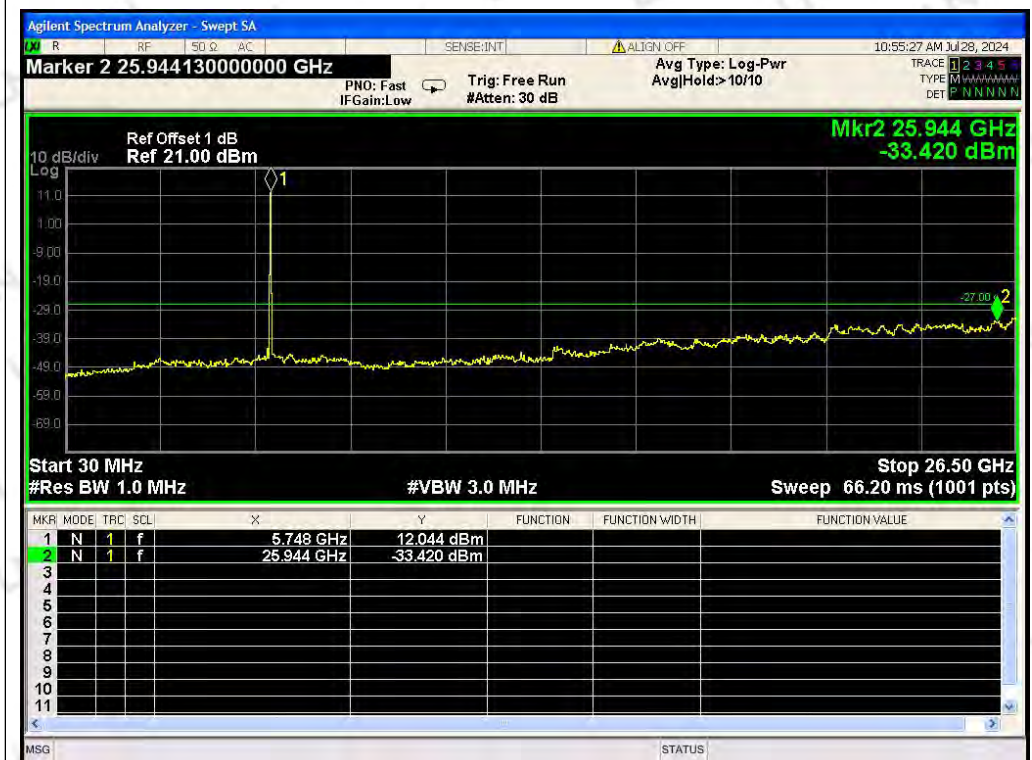
Spurious_Emission_NVNT_802_11a_5745_20M



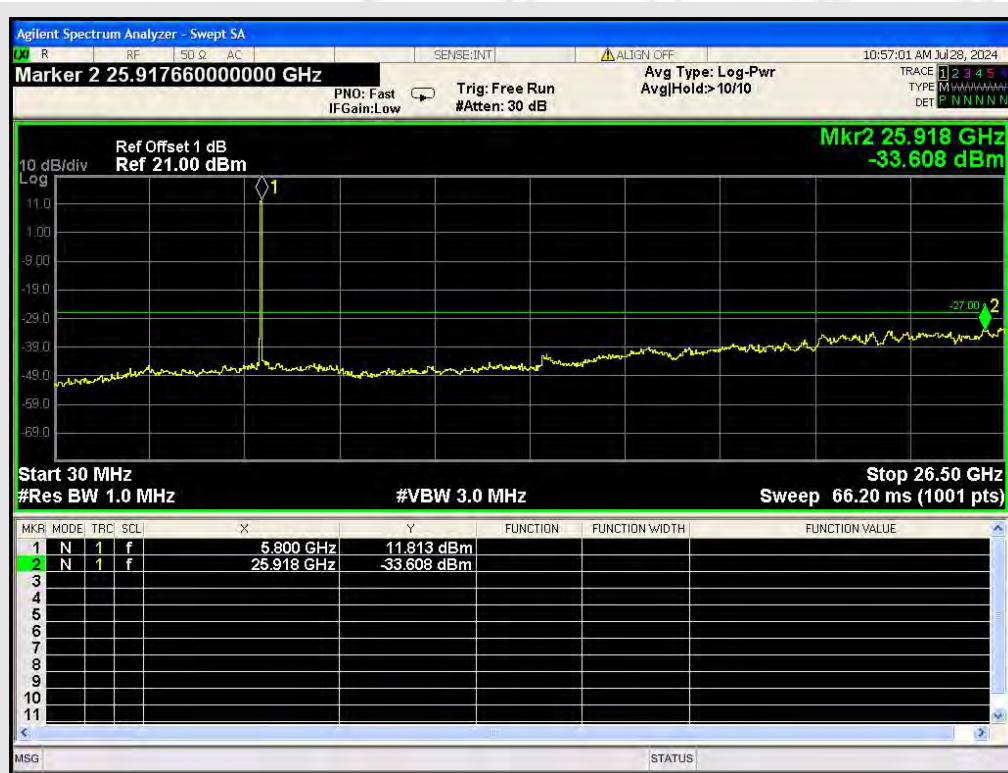
Spurious_Emission_NVNT_802_11a_5785_20M



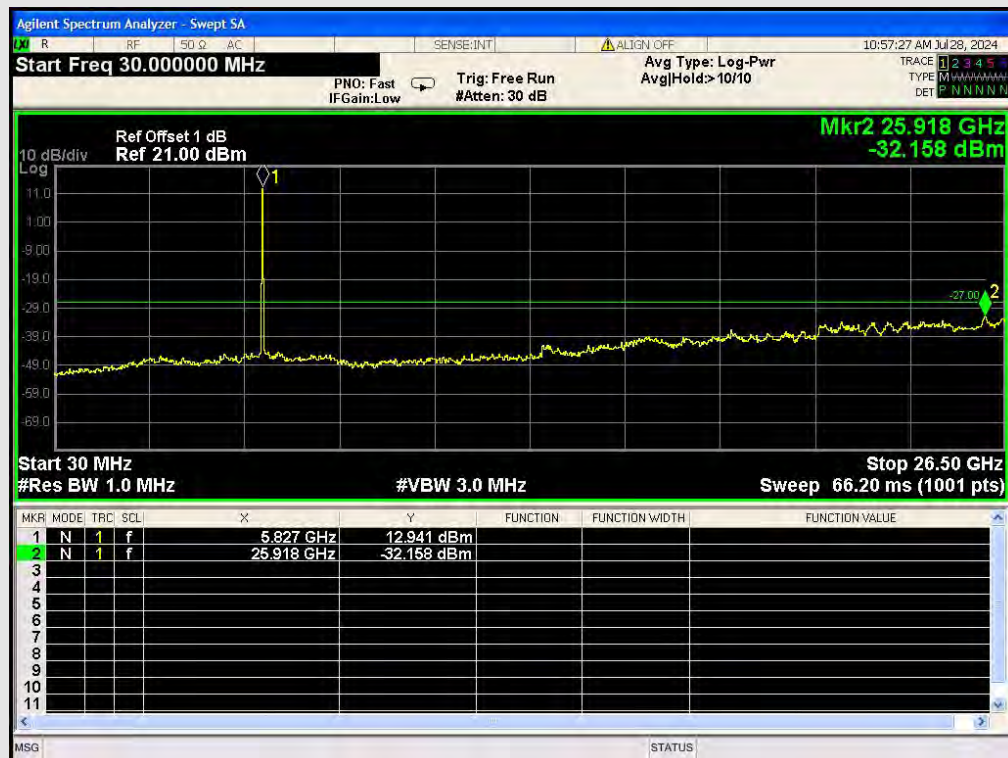
Spurious_Emission_NVNT_802_11a_5825_20M



Spurious_Emission_NVNT_802_11n_5745_20M



Spurious_Emission_NVNT_802_11n_5785_20M



Spurious_Emission_NVNT_802_11n_5825_20M

