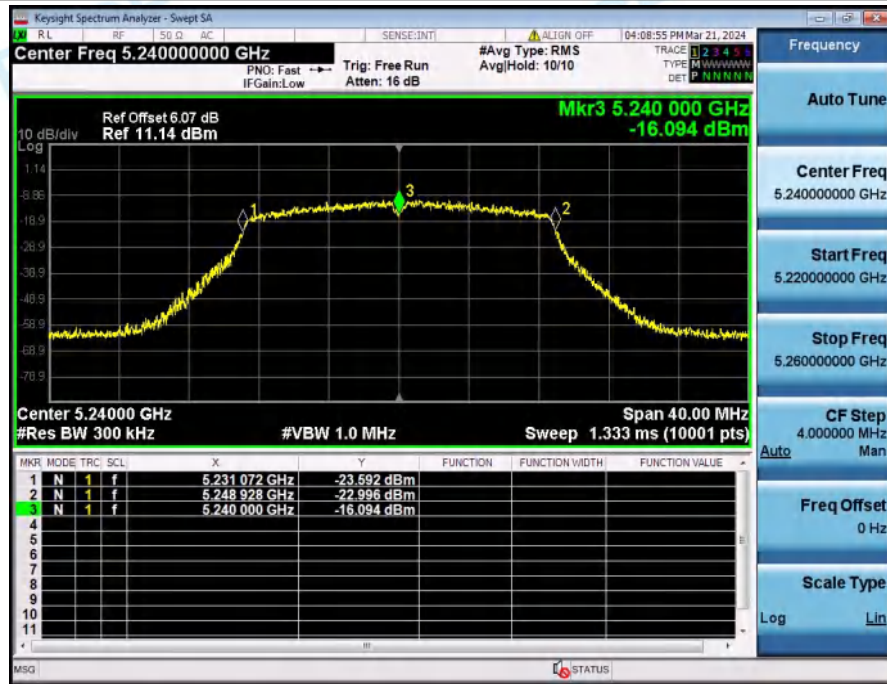
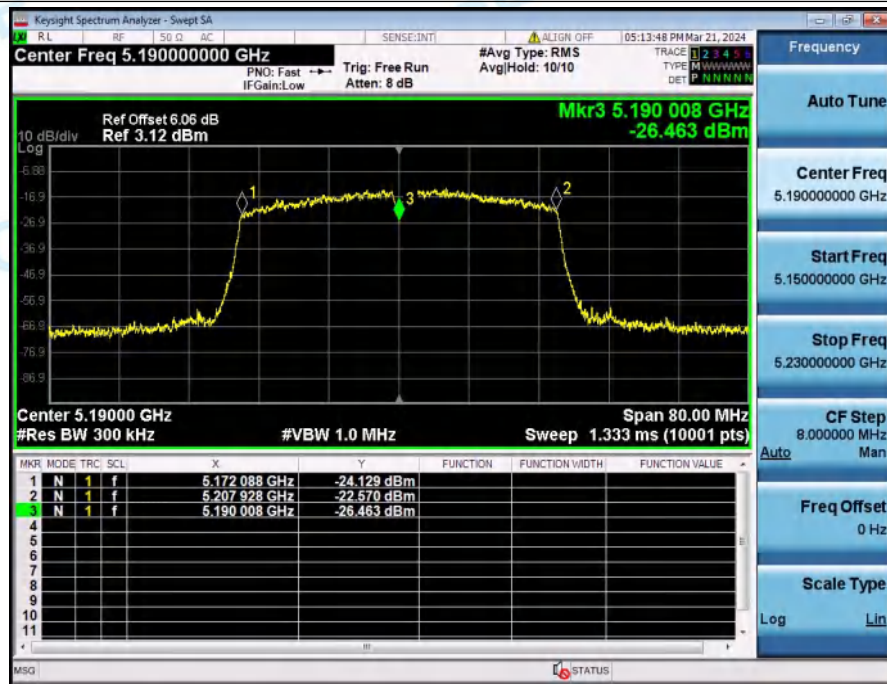


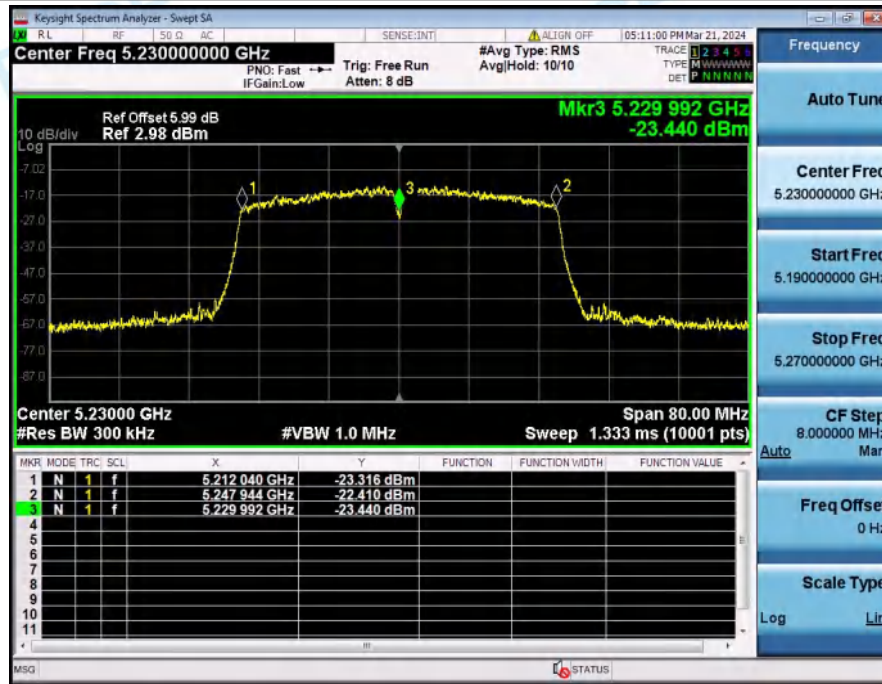
Frequency_Stability_NVNT_ANT1_802_11n(HT20)_5240



Frequency_Stability_NVNT_ANT1_802_11n(HT40)_5190



Frequency_Stability_NVNT_ANT1_802_11n(HT40)_5230





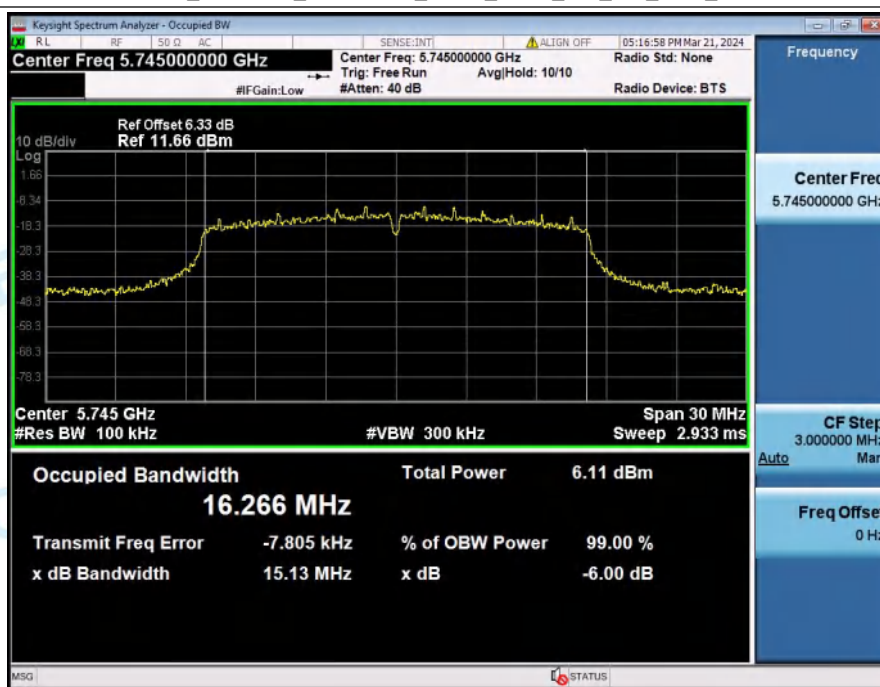
Appendix--5.8GWIFI

HT240319011--F01--5.8G--FCC FCC_5.8G_WIFI (Part15.407) Test Data

1. -6dB Emission Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	LCH	5745.00	15.125	0.500	Pass
NVNT	ANT1	MCH	5785.00	15.130	0.500	Pass
NVNT	ANT1	HCH	5825.00	15.045	0.500	Pass
NVNT	ANT1	LCH	5745.00	15.048	0.500	Pass
NVNT	ANT1	MCH	5785.00	13.879	0.500	Pass
NVNT	ANT1	HCH	5825.00	15.046	0.500	Pass
NVNT	ANT1	LCH	5755.00	32.603	0.500	Pass
NVNT	ANT1	HCH	5795.00	30.119	0.500	Pass

-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5785_20M



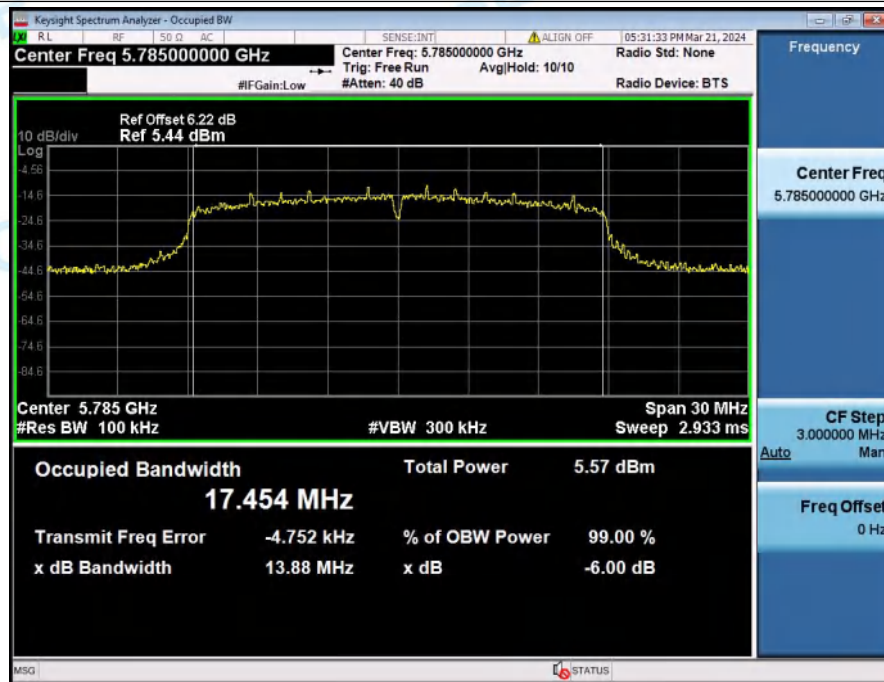
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5825_20M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5745_20M



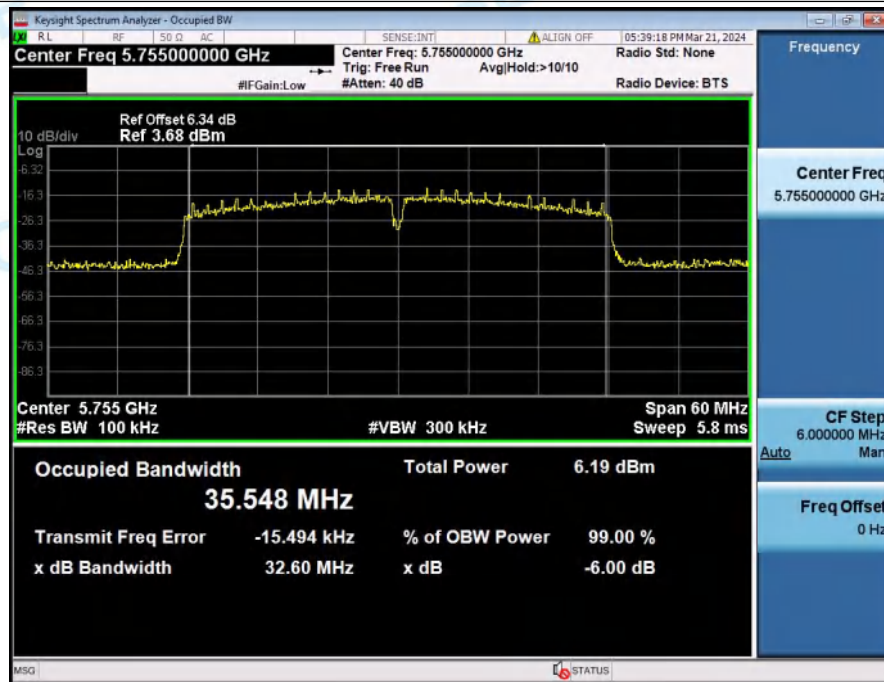
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5785_20M



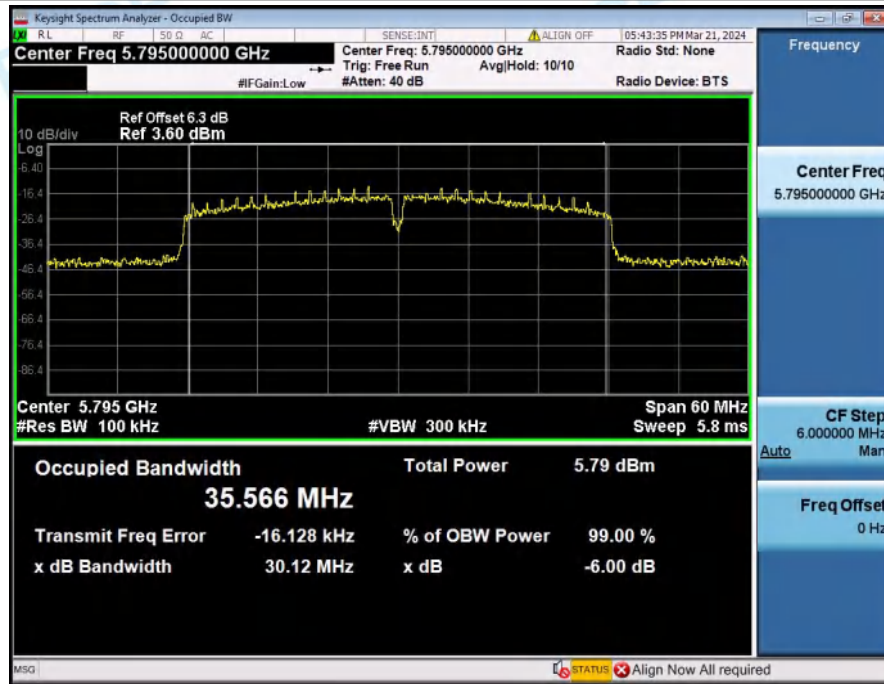
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5825_20M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5755_40M



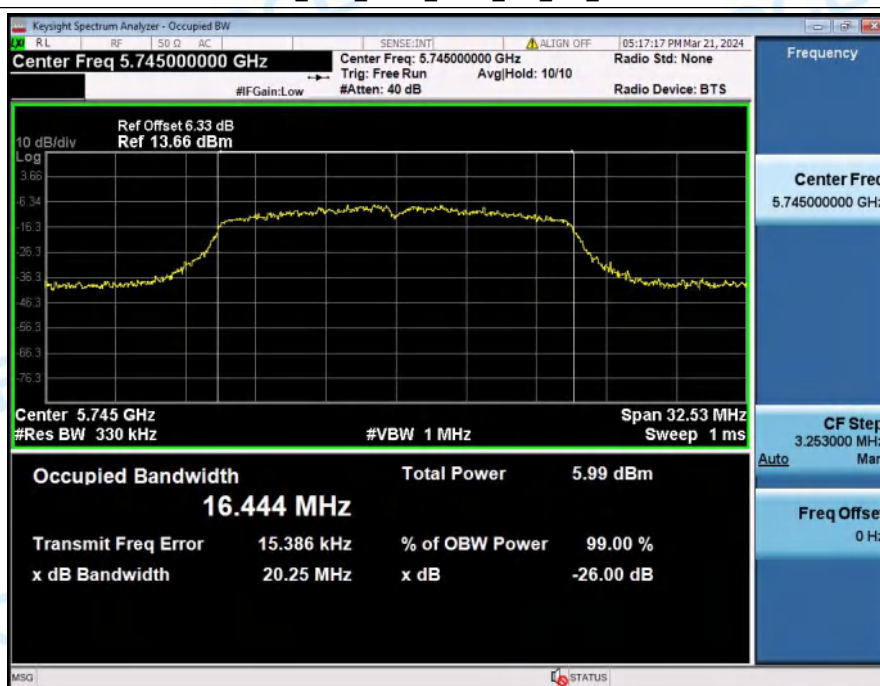
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5795_40M



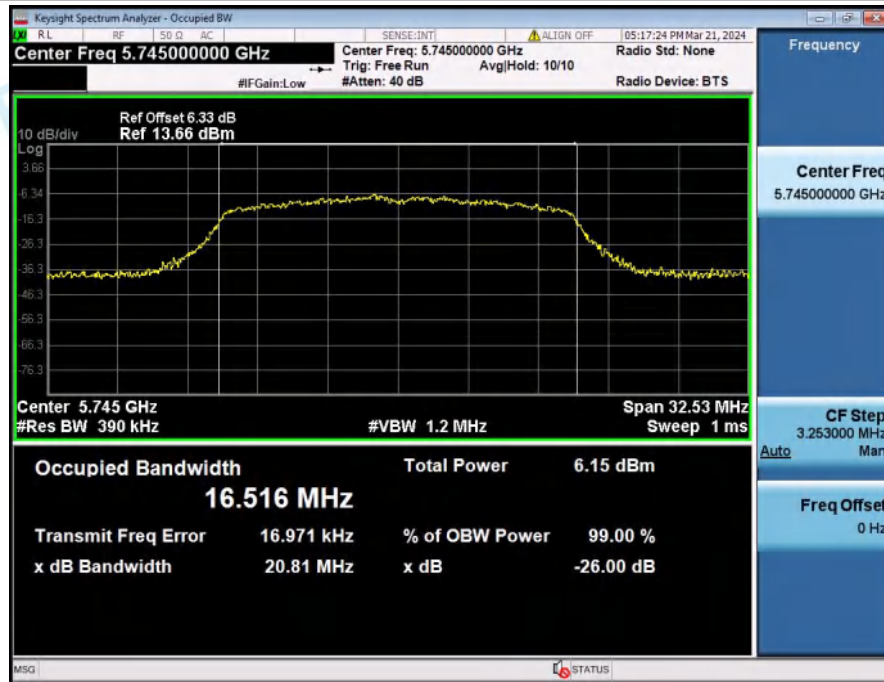
2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	20.81	16.44
NVNT	ANT1	802.11a	5785.00	20.97	16.52
NVNT	ANT1	802.11a	5825.00	21.18	16.47
NVNT	ANT1	802.11n(HT20)	5745.00	21.68	17.59
NVNT	ANT1	802.11n(HT20)	5785.00	21.59	17.65
NVNT	ANT1	802.11n(HT20)	5825.00	22.36	17.61
NVNT	ANT1	802.11n(HT40)	5755.00	54.64	35.74
NVNT	ANT1	802.11n(HT40)	5795.00	67.79	35.86

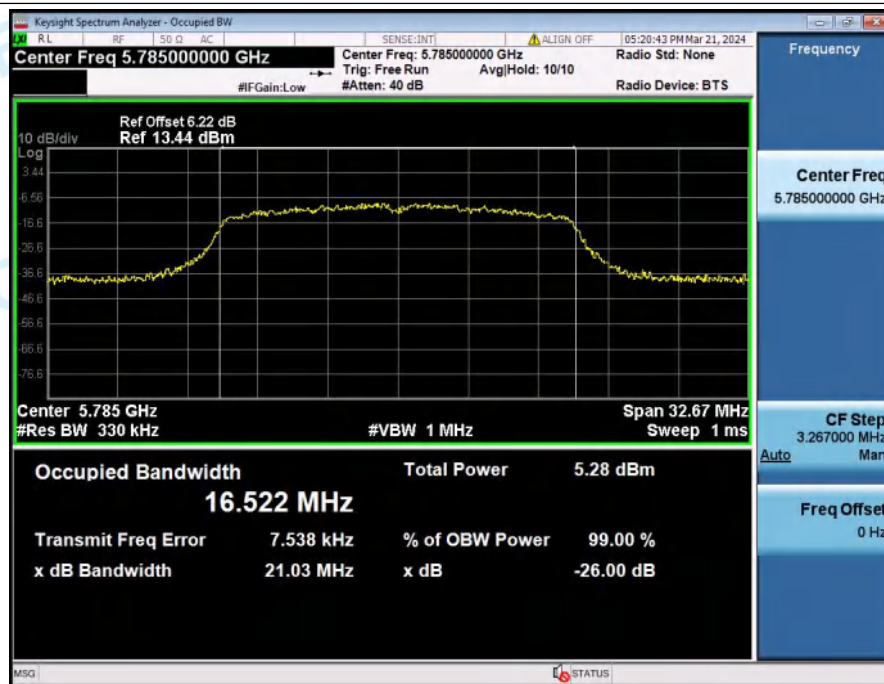
99%_OCB_NVNT_ANT1_802_11a_5745



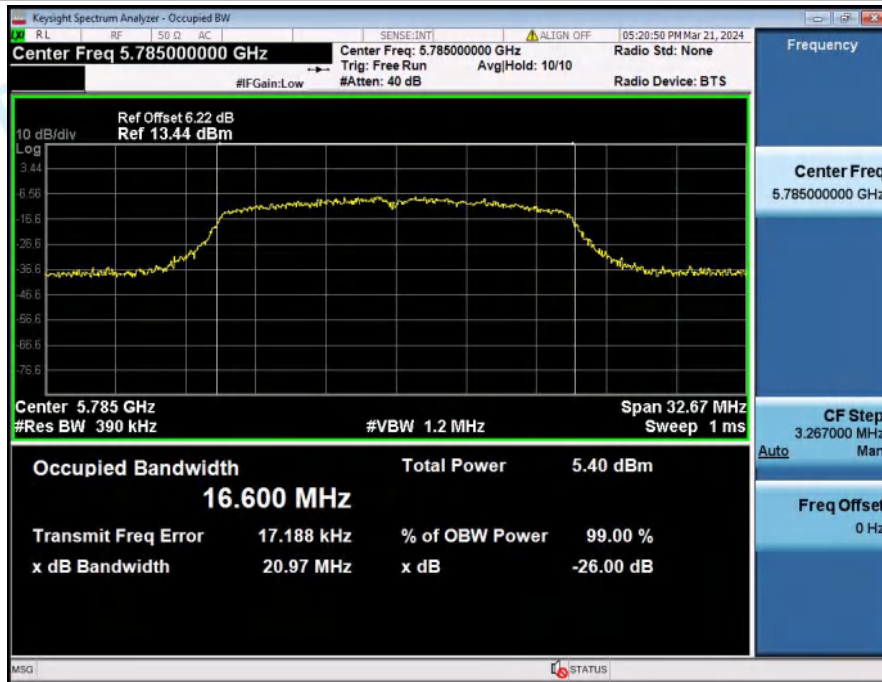
-26BW_NVNT_ANT1_802_11a_5745



99%_OCB_NVNT_ANT1_802_11a_5785



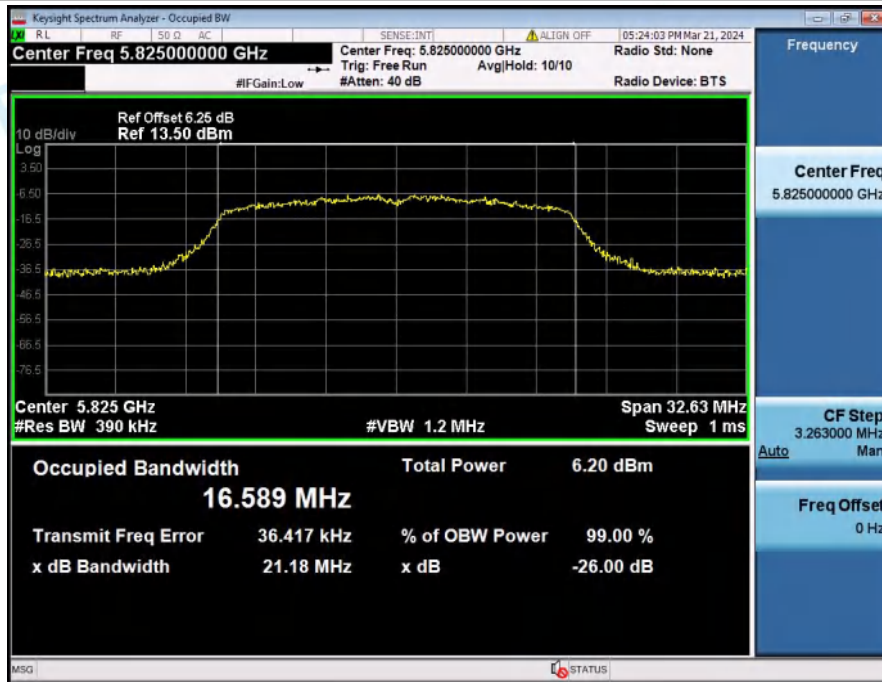
-26BW_NVNT_ANT1_802_11a_5785



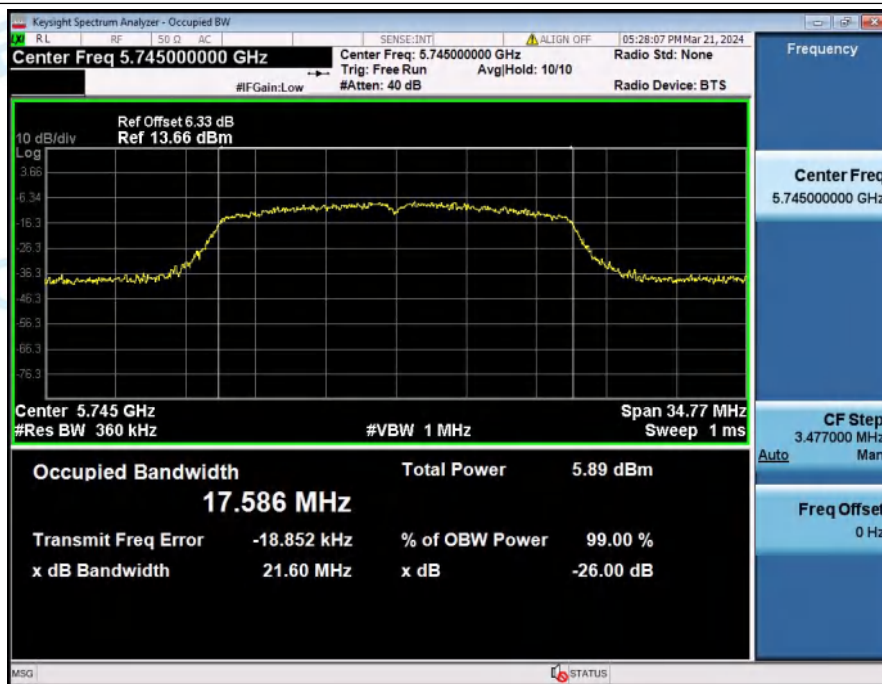
99%_OCB_NVNT_ANT1_802_11a_5825



-26BW_NVNT_ANT1_802_11a_5825



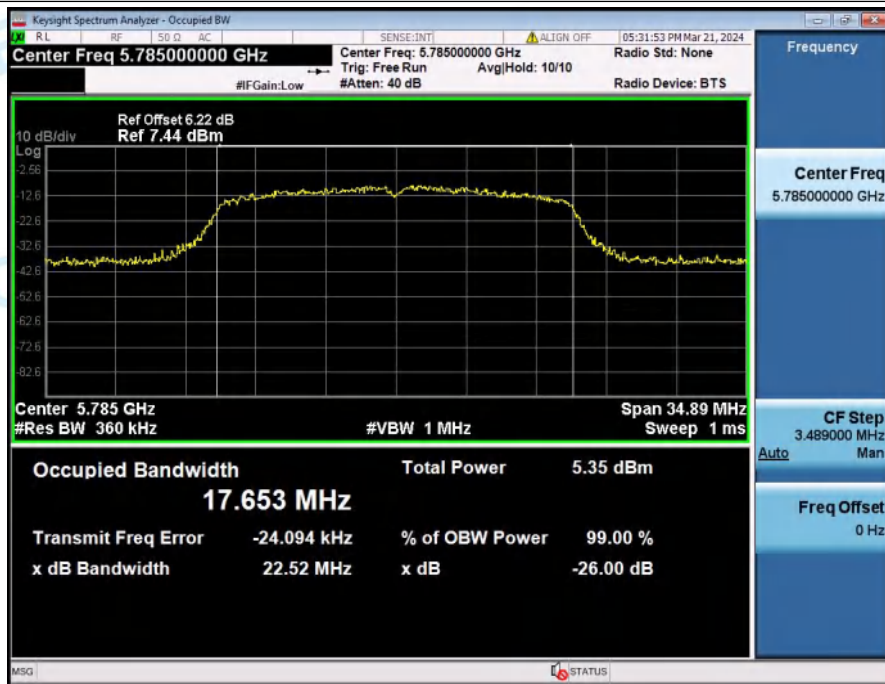
99%_OCB_NVNT_ANT1_802_11n(HT20)_5745



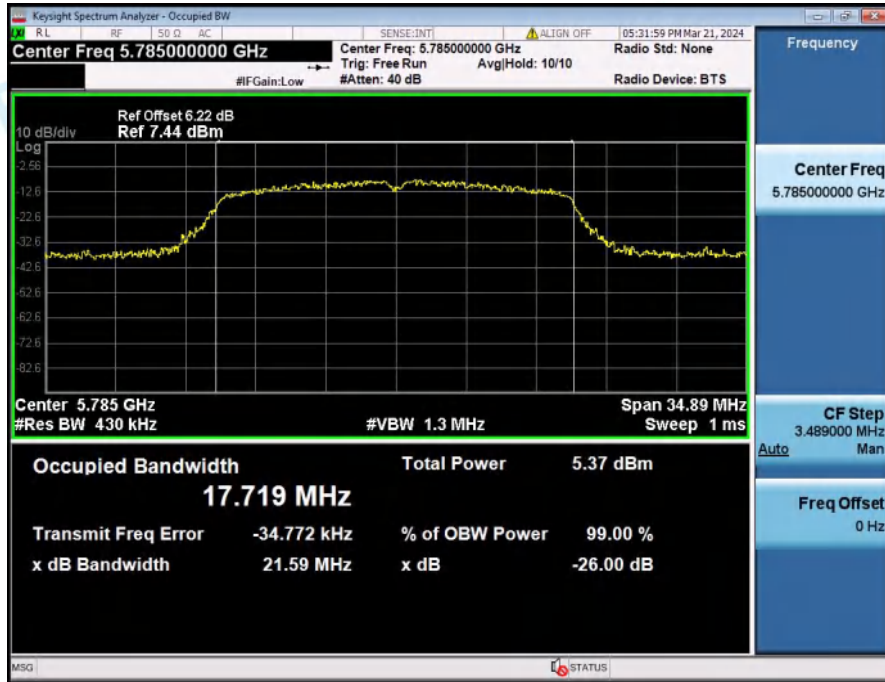
-26BW_NVNT_ANT1_802_11n(HT20)_5745



99%_OCB_NVNT_ANT1_802_11n(HT20)_5785



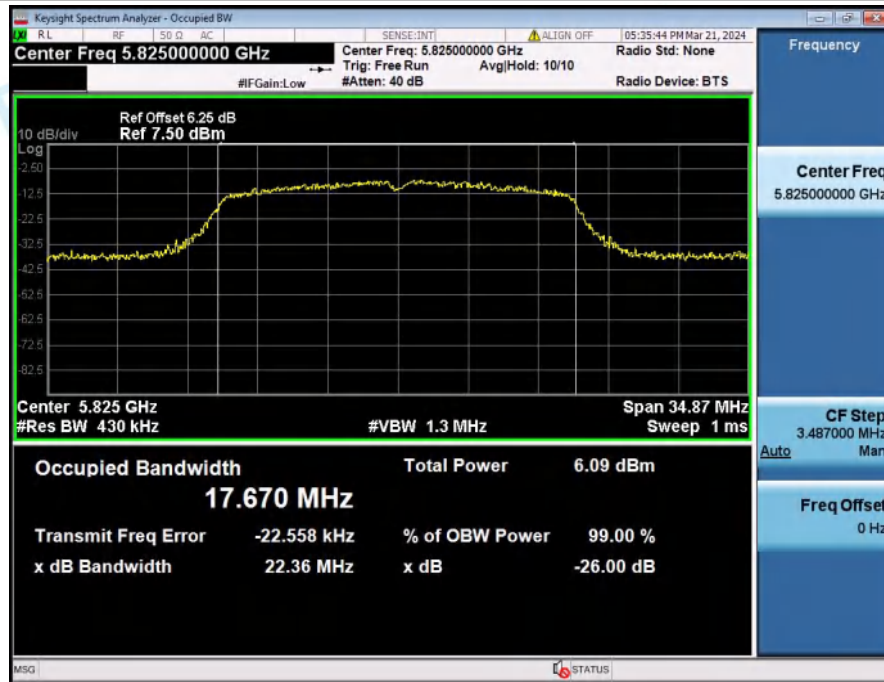
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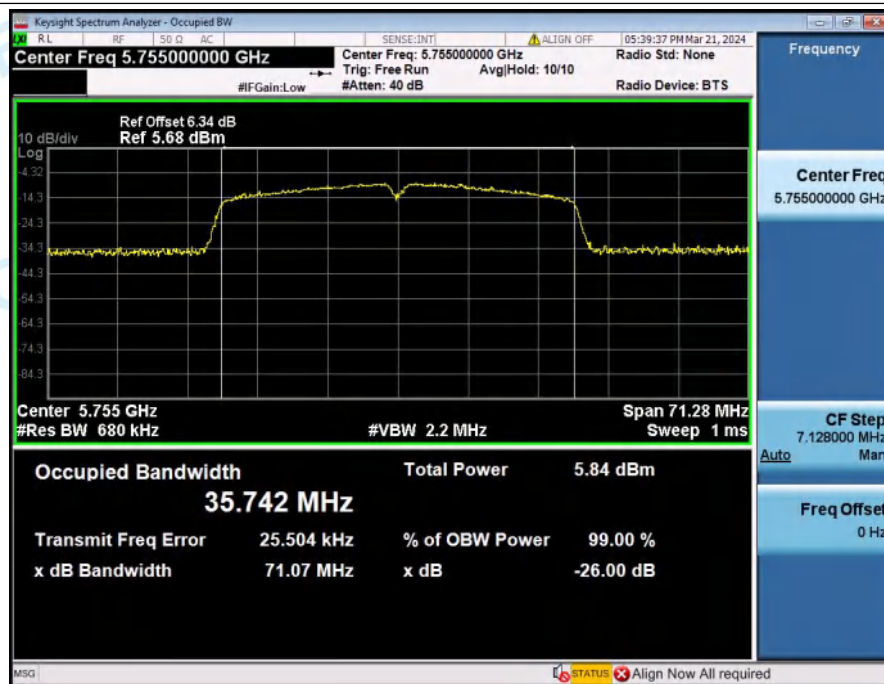
99%_OCB_NVNT_ANT1_802_11n(HT20)_5825



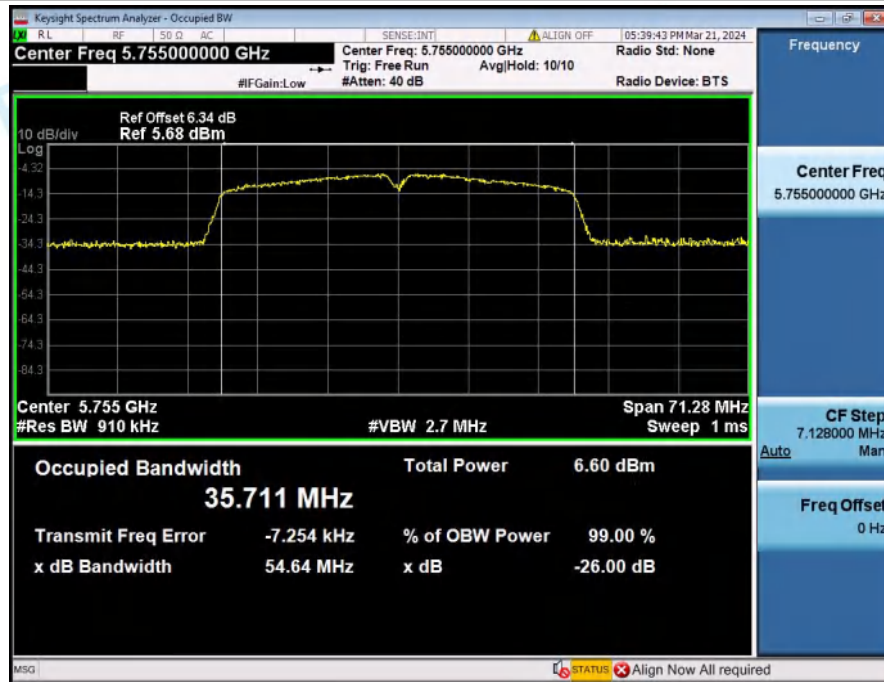
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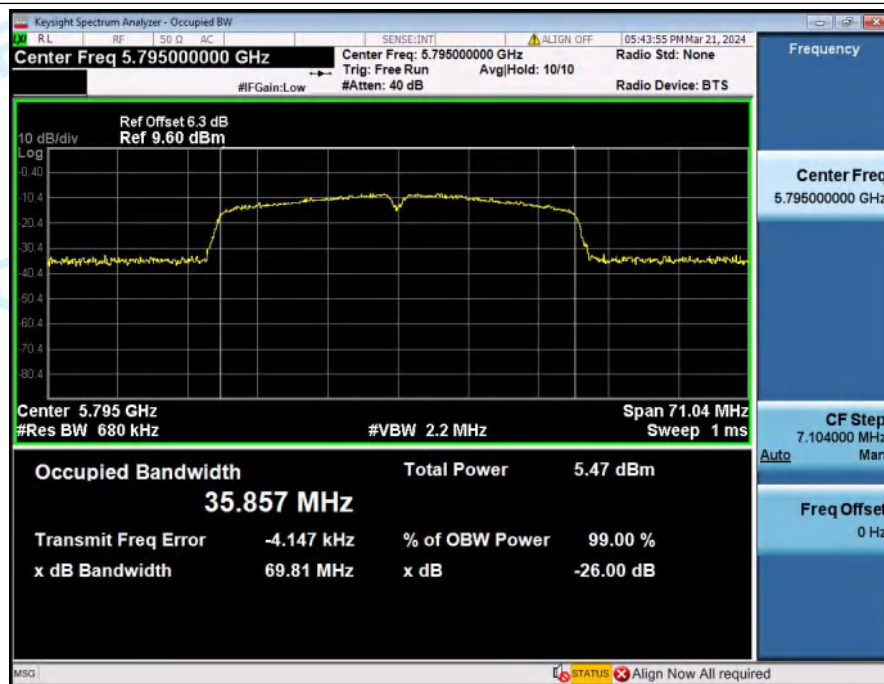
99%_OCB_NVNT_ANT1_802_11n(HT40)_5755



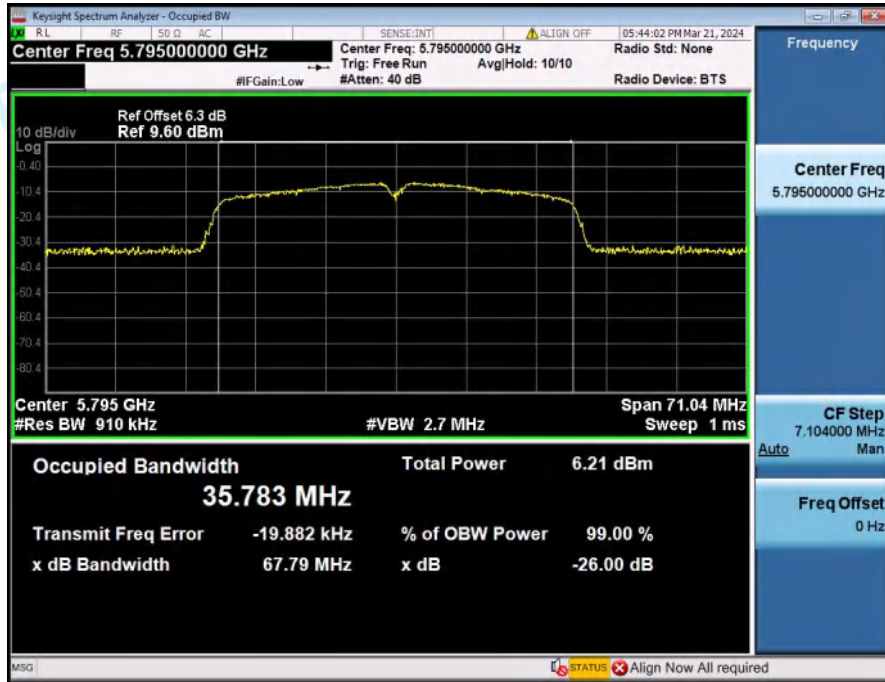
-26BW_NVNT_ANT1_802_11n(HT40)_5755



99%_OCB_NVNT_ANT1_802_11n(HT40)_5795



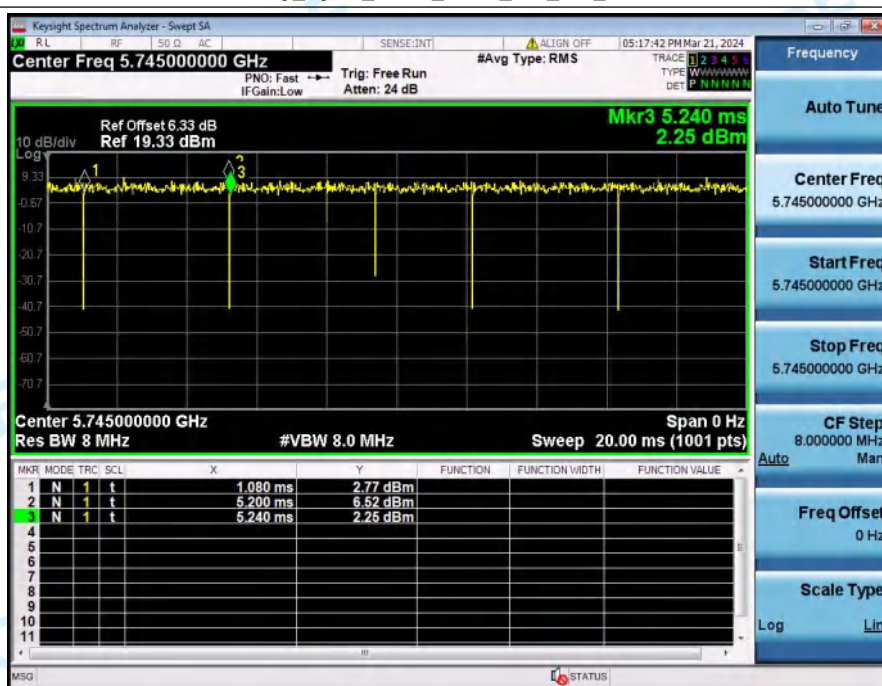
-26BW_NVNT_ANT1_802_11n(HT40)_5795



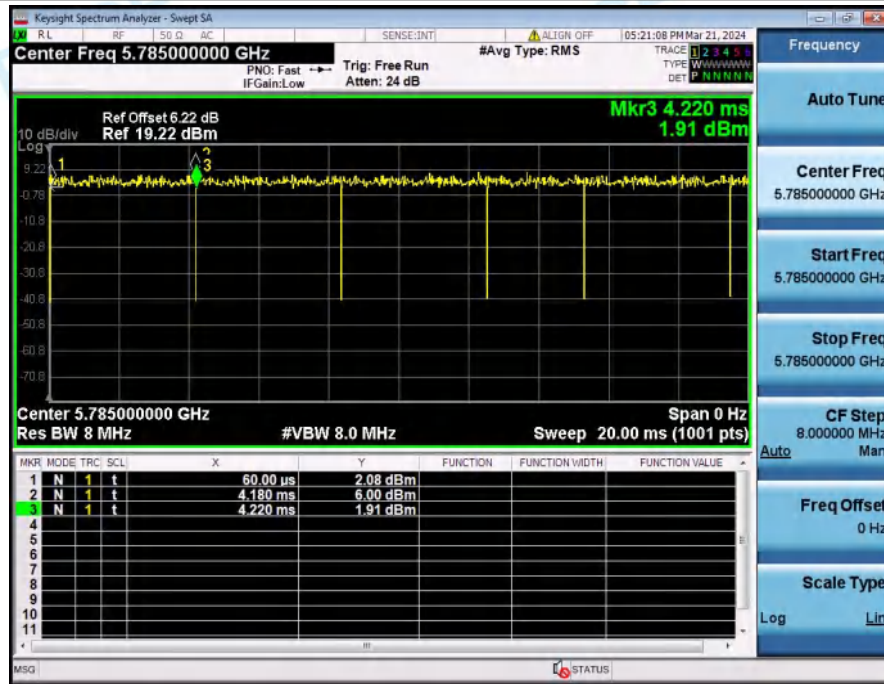
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	99.04	0.00
NVNT	ANT1	802.11a	5785.00	99.04	0.00
NVNT	ANT1	802.11a	5825.00	99.04	0.00
NVNT	ANT1	802.11n(HT20)	5745.00	96.92	0.14
NVNT	ANT1	802.11n(HT20)	5785.00	96.92	0.14
NVNT	ANT1	802.11n(HT20)	5825.00	96.92	0.14
NVNT	ANT1	802.11n(HT40)	5755.00	93.94	0.27
NVNT	ANT1	802.11n(HT40)	5795.00	93.94	0.27

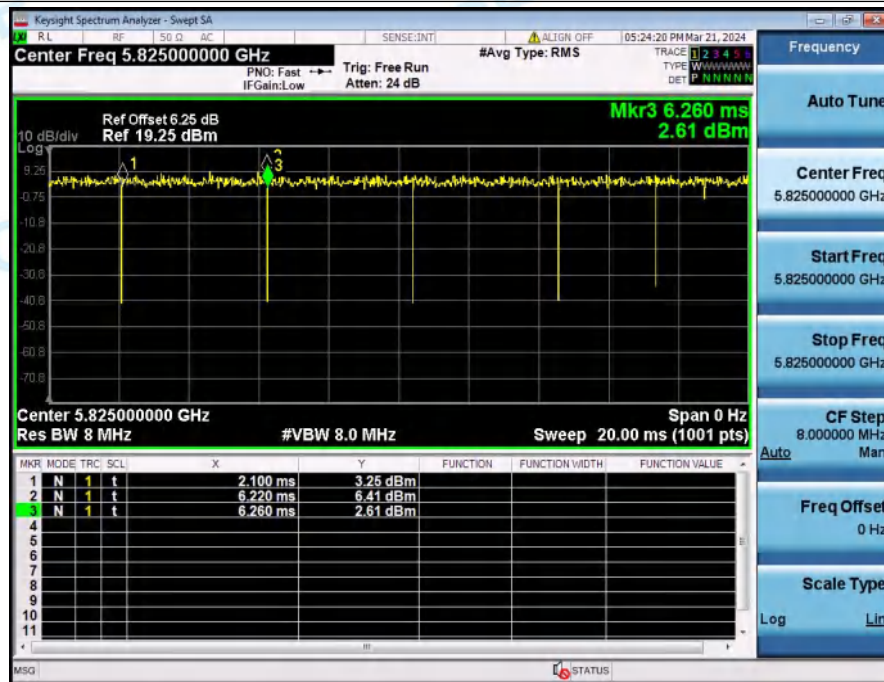
Duty_Cycle_NVNT_ANT1_802_11a_5745



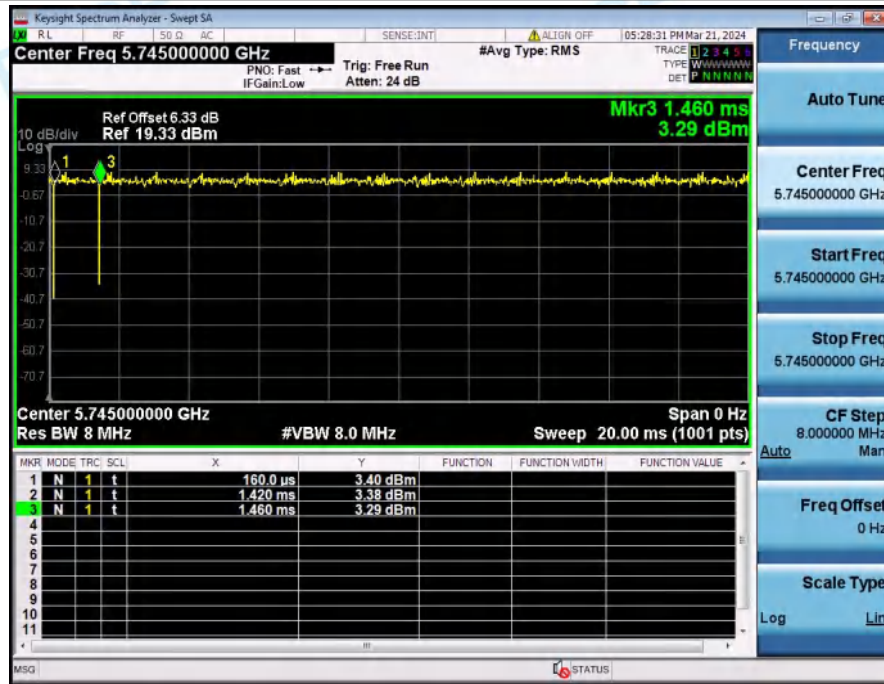
Duty_Cycle_NVNT_ANT1_802_11a_5785



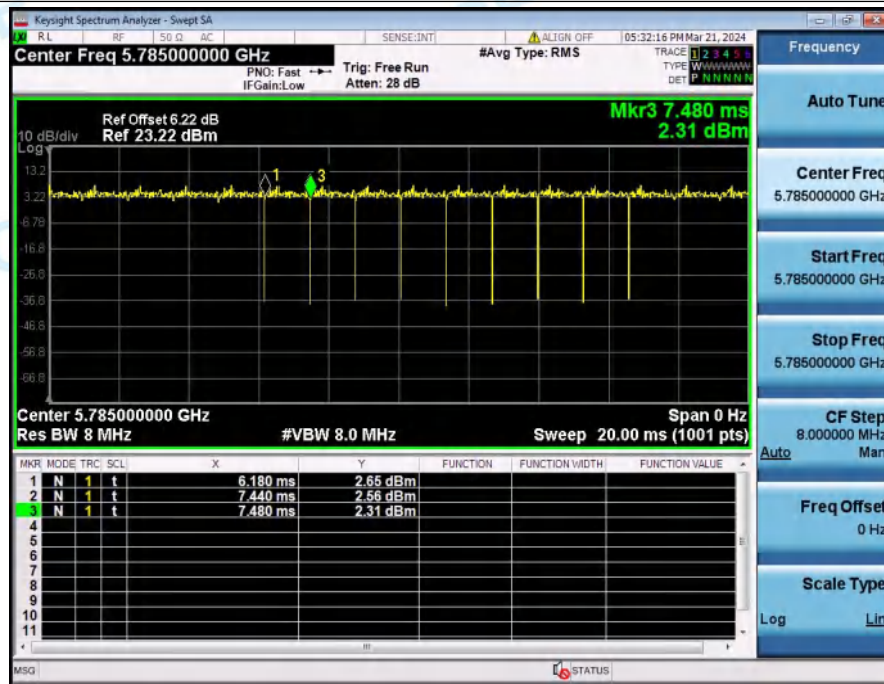
Duty_Cycle_NVNT_ANT1_802_11a_5825



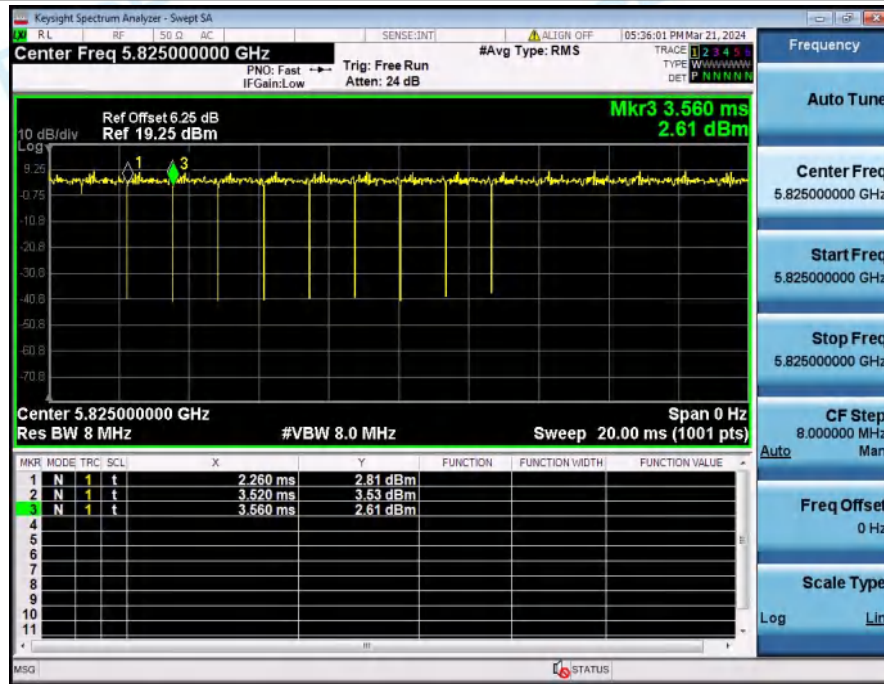
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5745



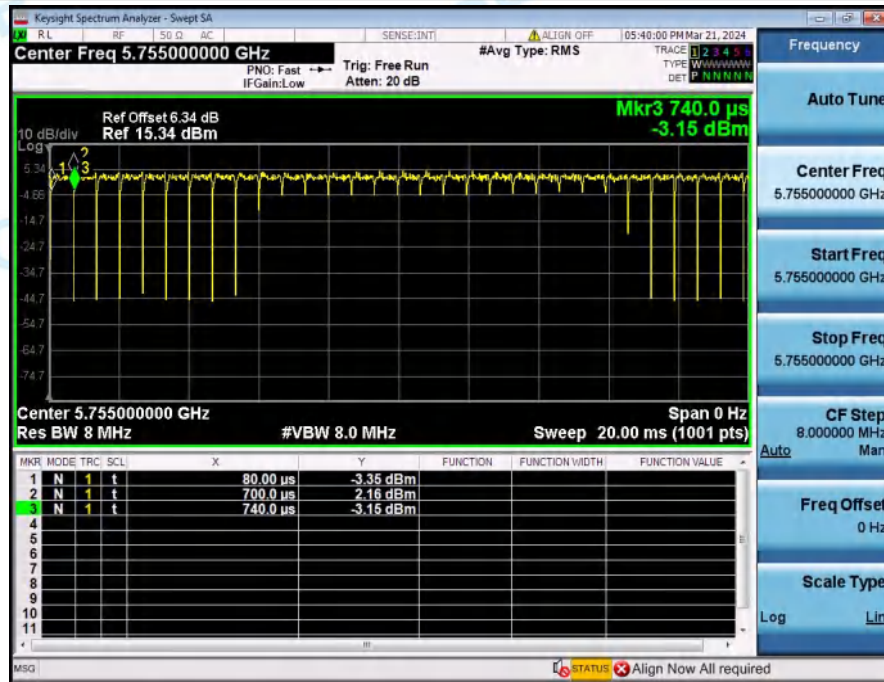
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5785



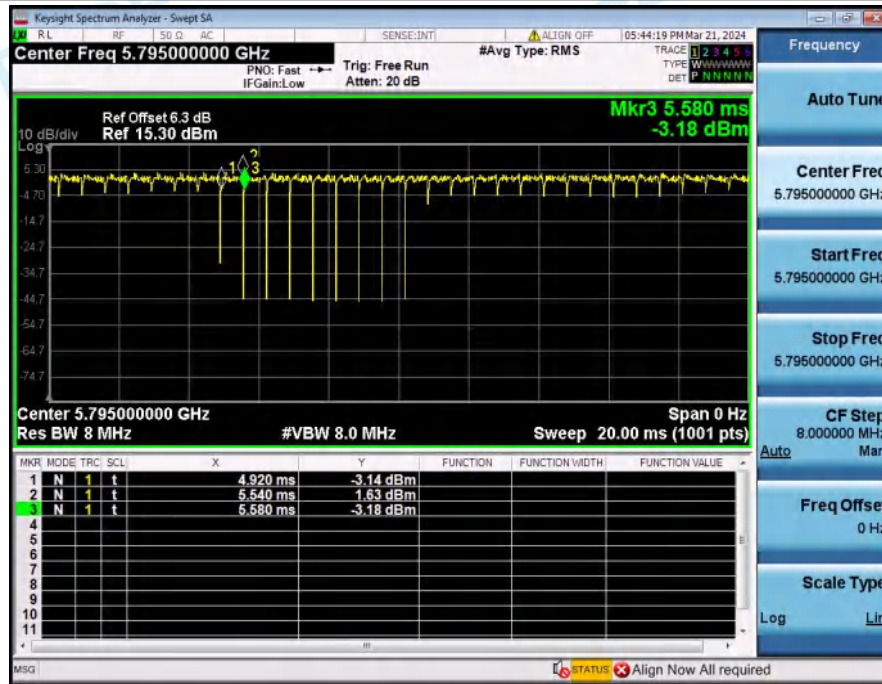
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5825



Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5755



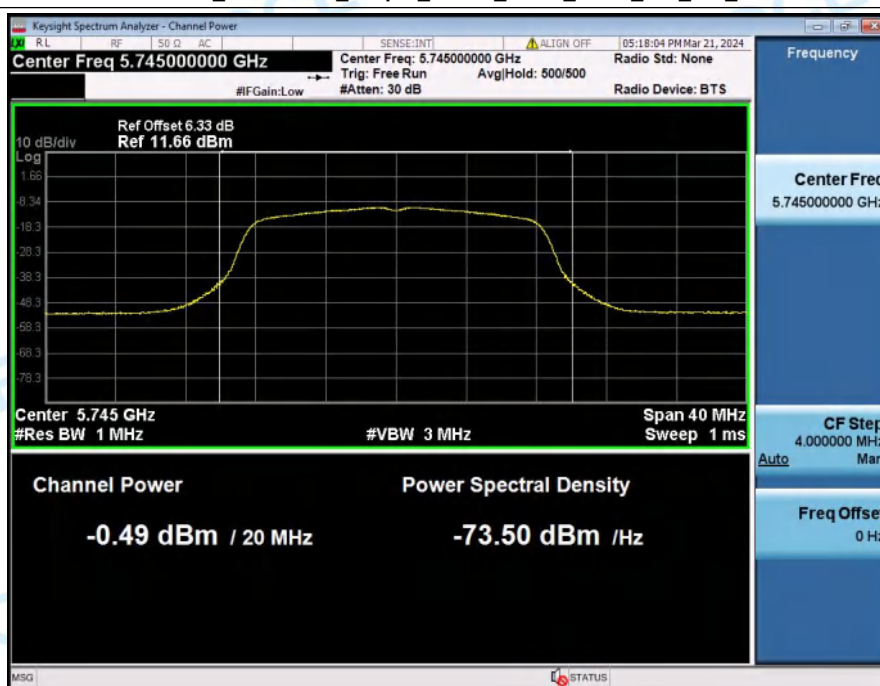
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5795



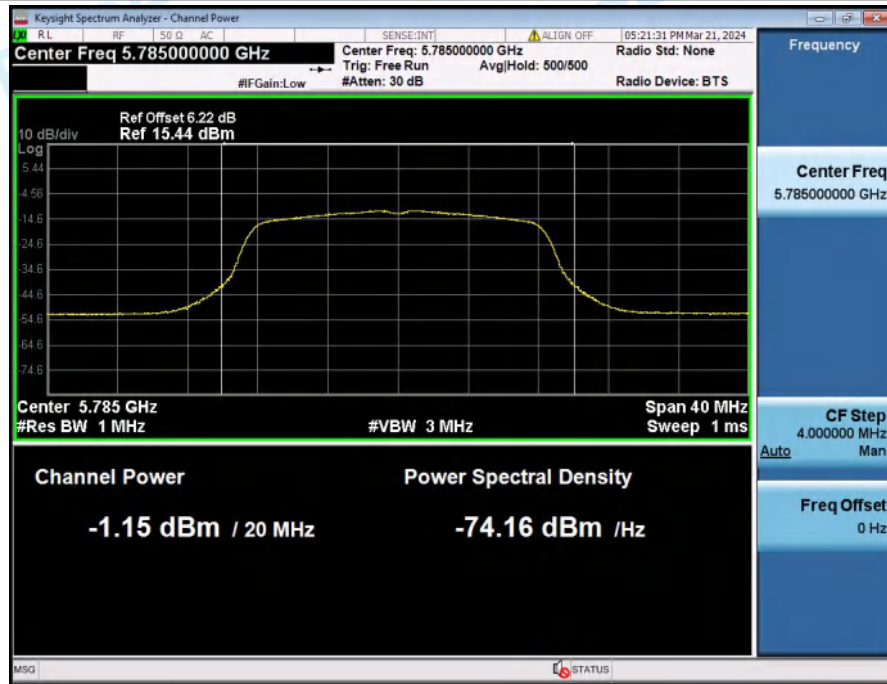
4. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	-0.49	0.00	-0.49	30	Pass
NVNT	ANT1	802.11a	5785.00	-1.15	0.00	-1.15	30	Pass
NVNT	ANT1	802.11a	5825.00	-0.38	0.00	-0.38	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-0.52	0.14	-0.38	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-1.07	0.14	-0.93	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-0.44	0.14	-0.30	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-0.98	0.27	-0.71	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-1.40	0.27	-1.13	30	Pass

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5745



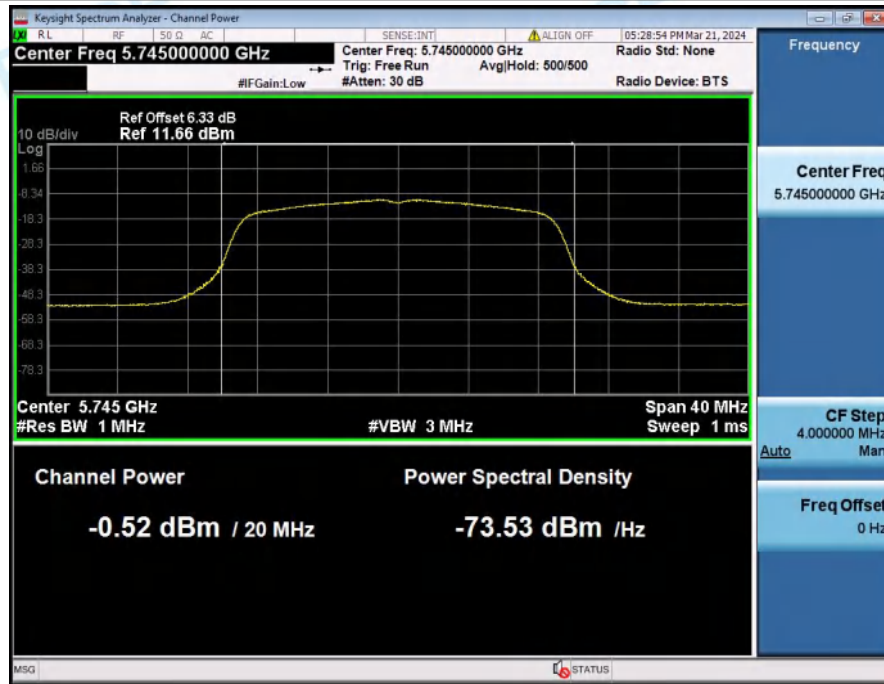
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785



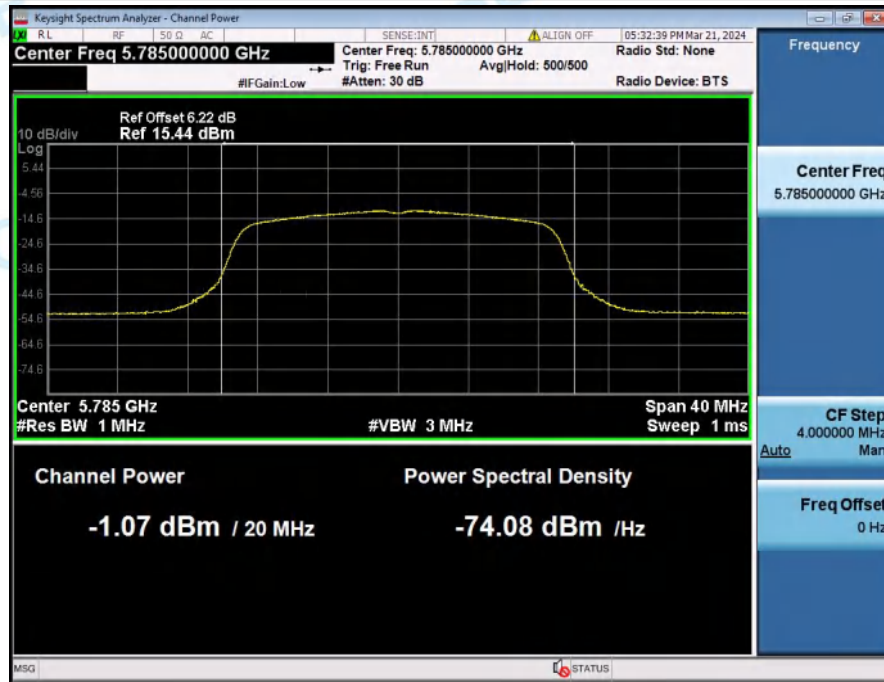
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5825



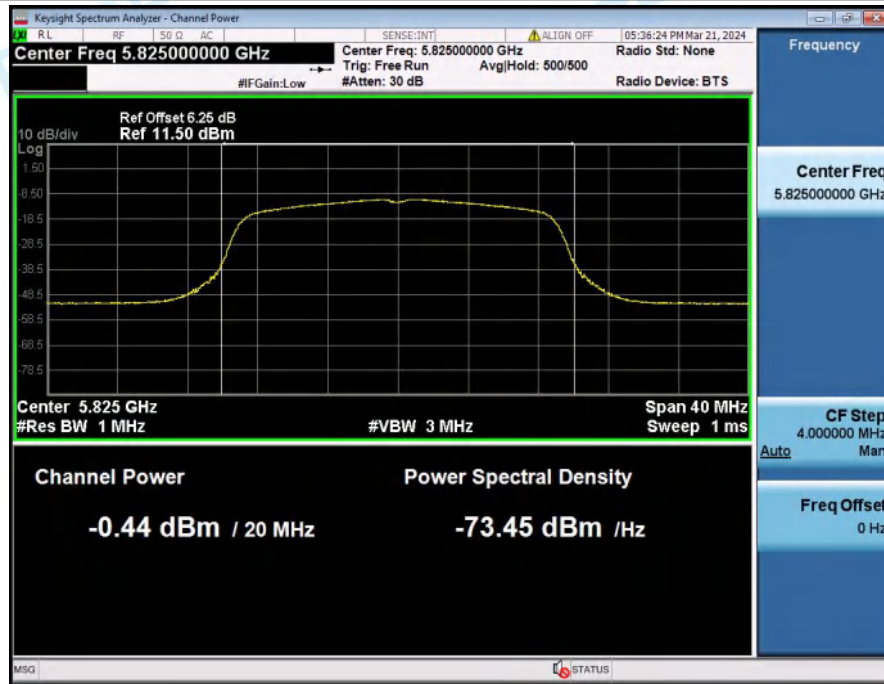
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5745



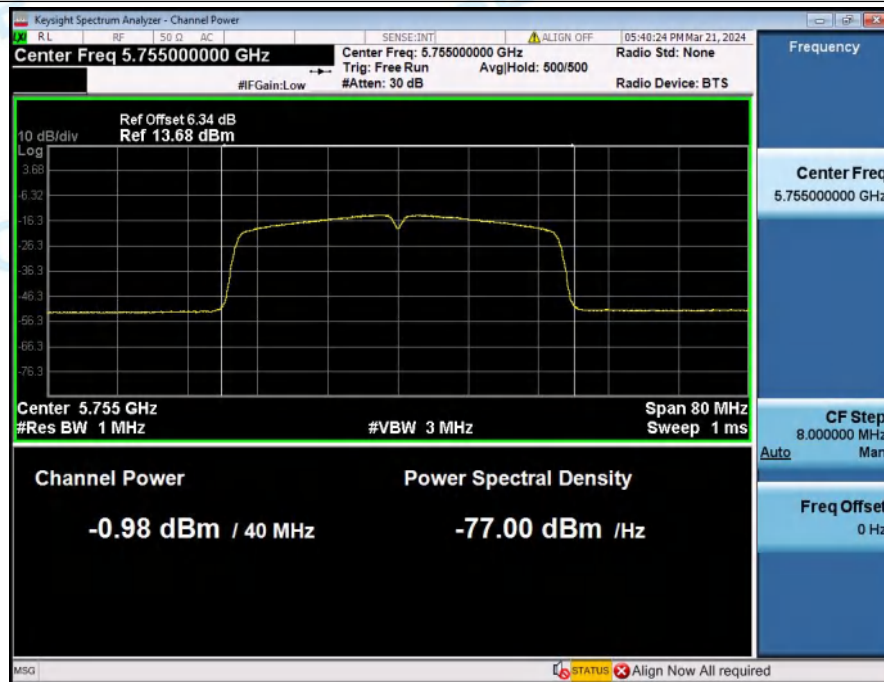
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5785



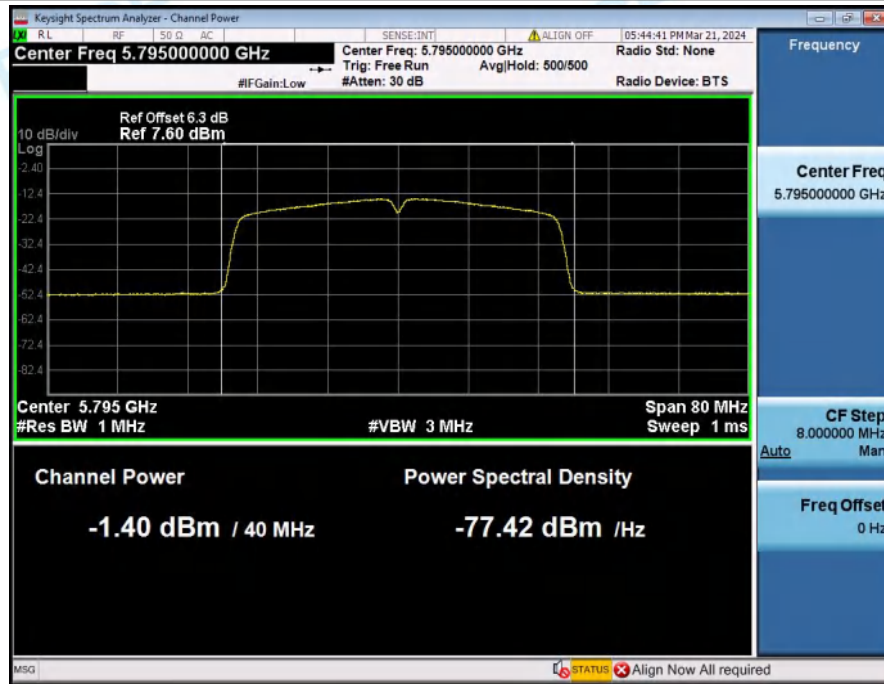
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5825



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5755



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5795



5. Power Spectral Density

Condition	Modulation	Frequency (MHz)	PSD_SA(dBm/RBW)	Duty factor(dB)	RB factor(dB)	PSD(dBm/500kHz)	limit(dBm/500kHz)	Result
NVNT	802.11a	5745.00	-12.89	0.00	-0	-12.98	30	Pass
NVNT	802.11a	5785.00	-13.71	0.00	-0	-13.80	30	Pass
NVNT	802.11a	5825.00	-12.86	0.00	-0	-12.94	30	Pass
NVNT	802.11n(HT20)	5745.00	-13.05	0.14	-0	-13.00	30	Pass
NVNT	802.11n(HT20)	5785.00	-13.60	0.14	-0	-13.55	30	Pass
NVNT	802.11n(HT20)	5825.00	-12.89	0.14	-0	-12.84	30	Pass
NVNT	802.11n(HT40)	5755.00	-16.45	0.27	-0	-16.26	30	Pass
NVNT	802.11n(HT40)	5795.00	-16.76	0.27	-0	-16.58	30	Pass

Power_Spectral_Density_NVNT_ANT1_802_11a_5745



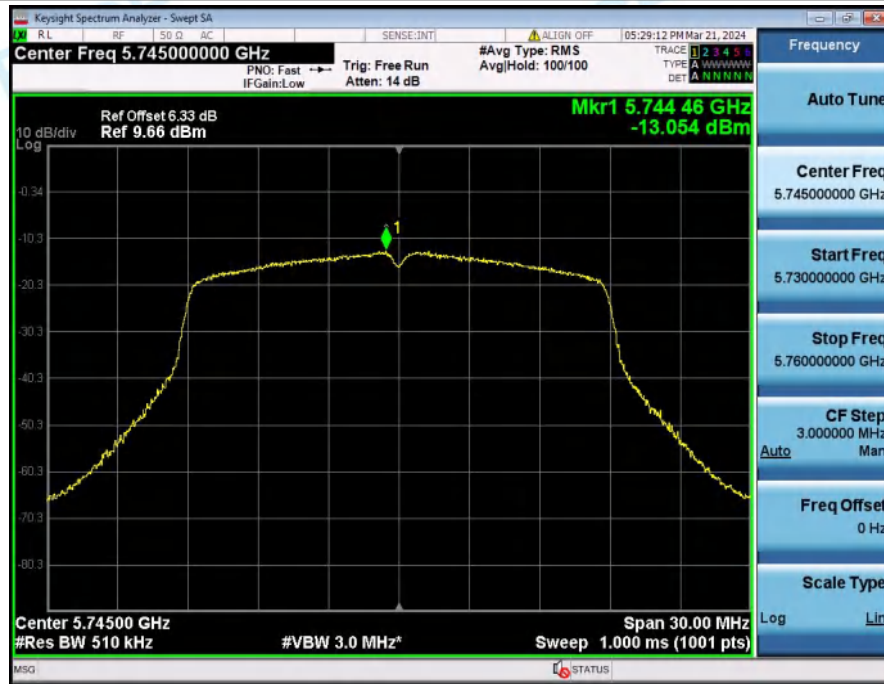
Power_Spectral_Density_NVNT_ANT1_802_11a_5785



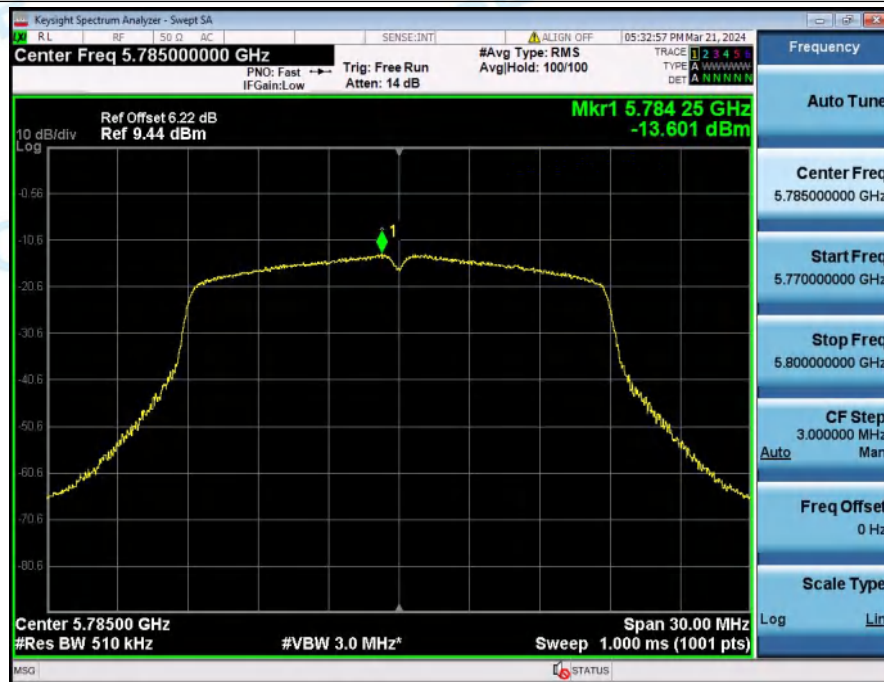
Power_Spectral_Density_NVNT_ANT1_802_11a_5825



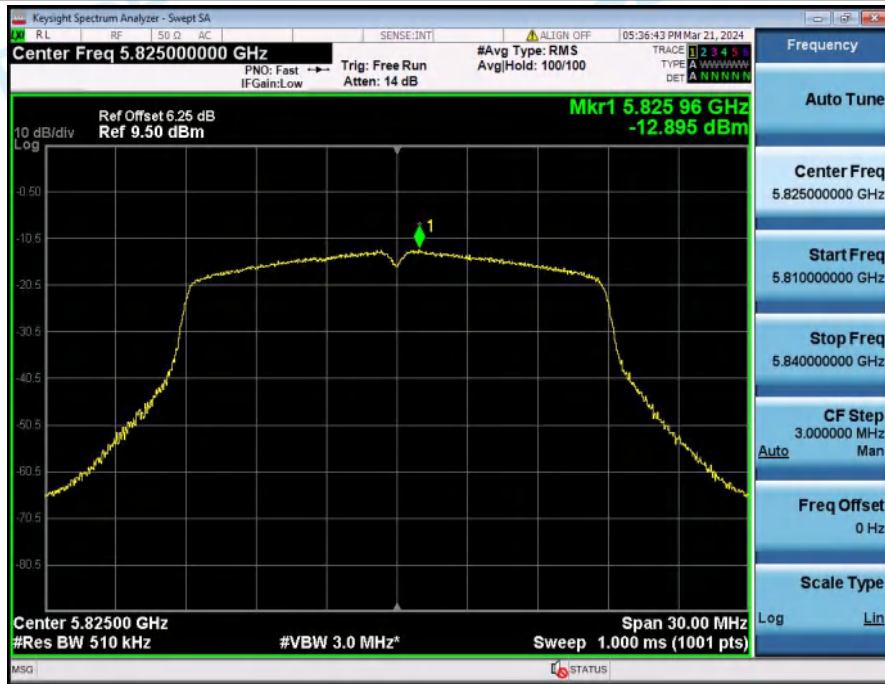
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5745



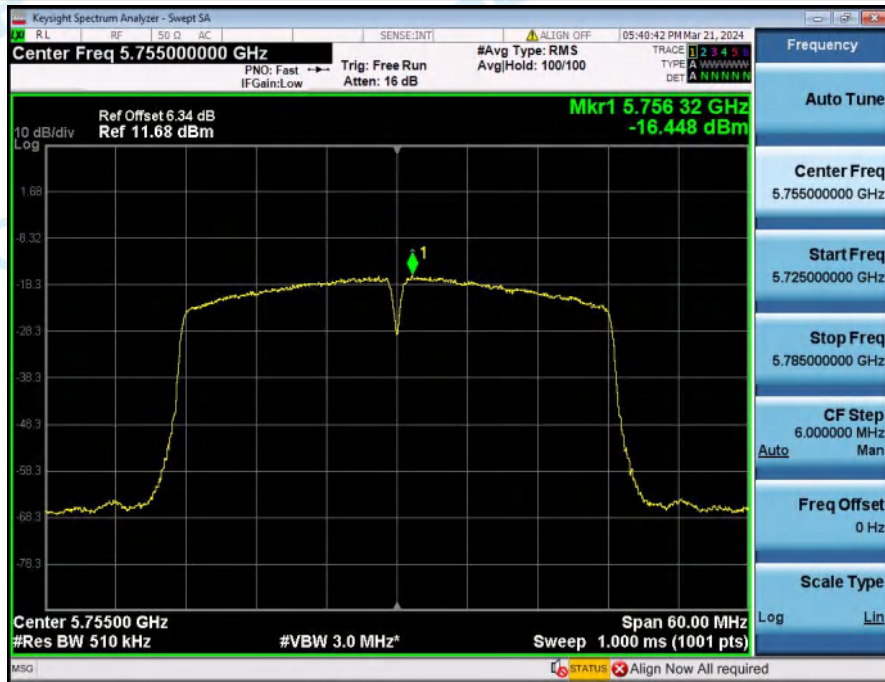
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5785



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5825



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5755



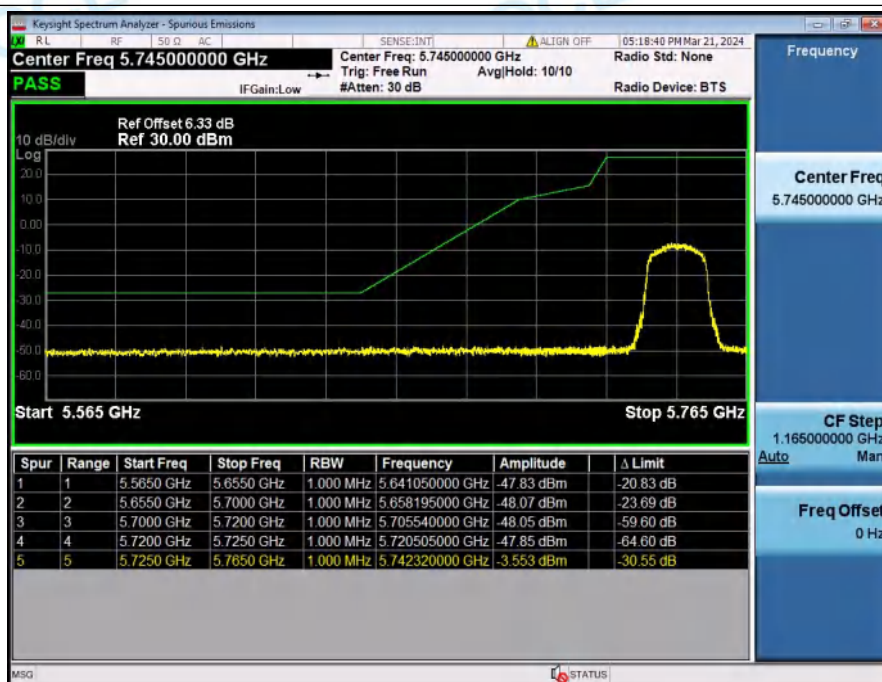
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5795



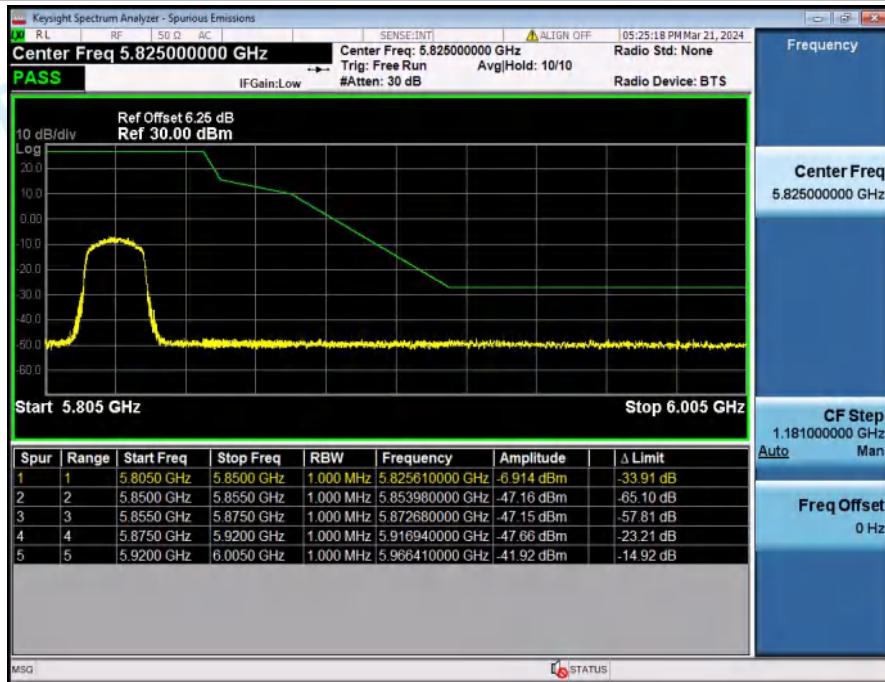
6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5641.050	-47.83	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5658.195	-48.07	-24.37	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5705.540	-48.05	11.55	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5720.505	-47.85	16.75	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5853.980	-47.16	17.93	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5872.680	-47.15	10.65	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5916.940	-47.66	-24.48	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5966.410	-41.92	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5646.450	-47.76	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5672.190	-47.78	-12.87	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5701.660	-47.45	10.46	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5720.110	-47.87	15.85	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5854.330	-47.05	17.13	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5873.720	-47.23	10.36	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5914.195	-46.94	-22.23	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5934.960	-42.43	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5636.700	-48.14	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5664.045	-47.91	-19.56	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5700.760	-47.94	10.21	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5720.735	-47.19	17.28	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5854.535	-47.14	16.66	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5871.600	-47.30	10.95	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5917.750	-47.10	-25.15	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5949.050	-43.04	-27.00	Pass

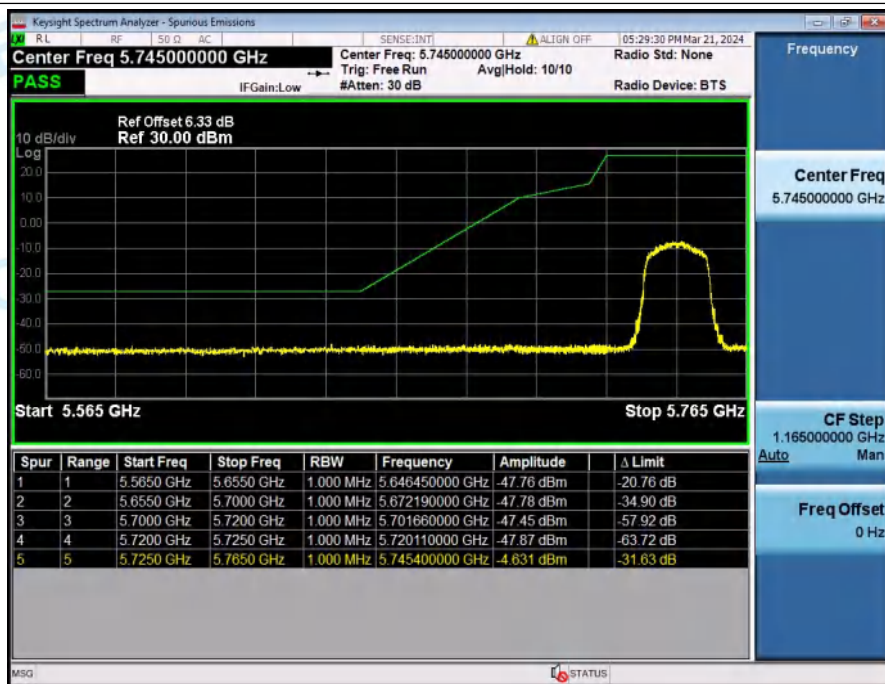
Bandedge_NVNT_ANT1_802_11a_5745



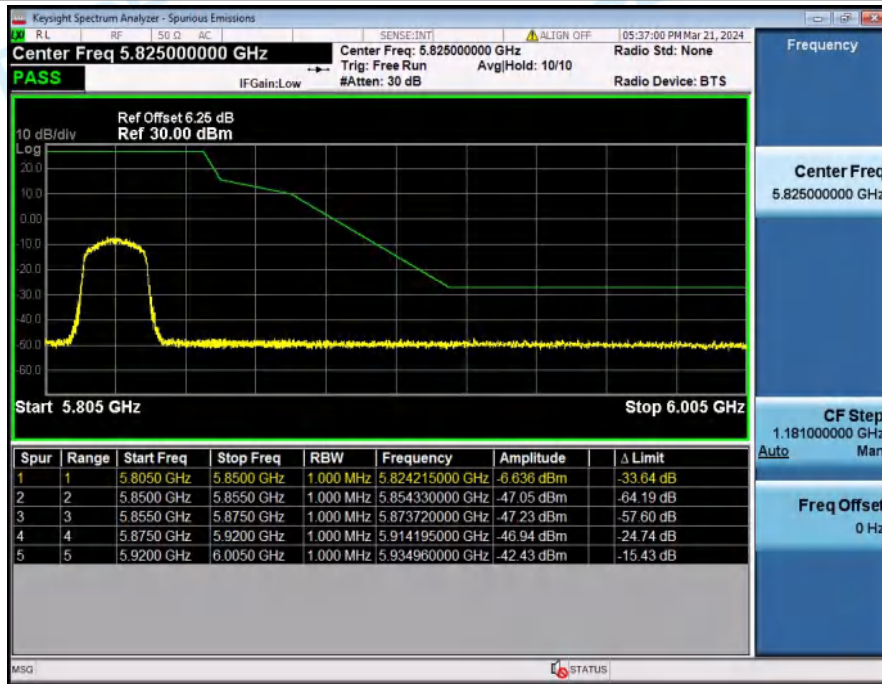
Bandedge_NVNT_ANT1_802_11a_5825



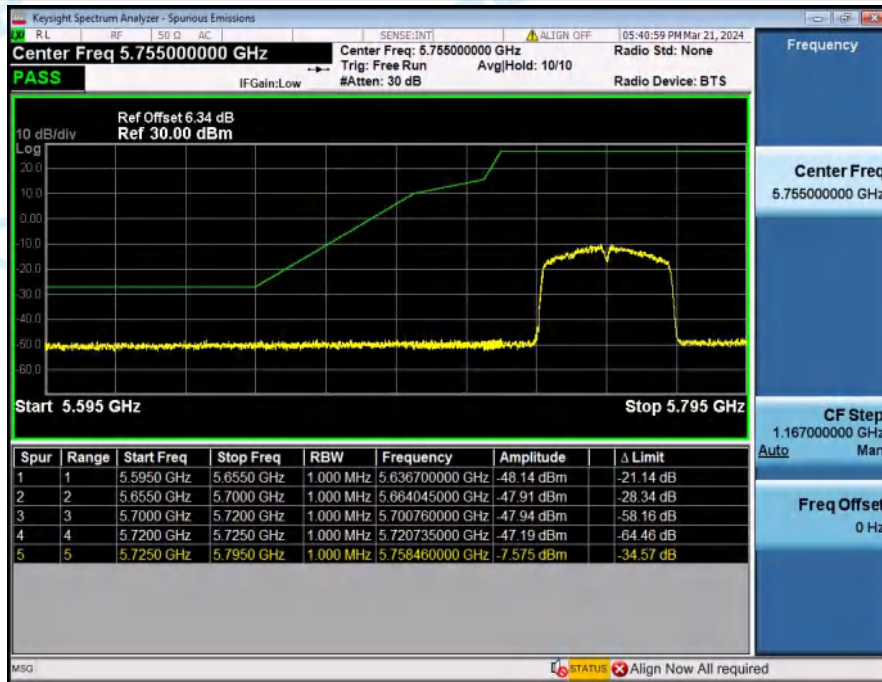
Bandedge_NVNT_ANT1_802_11n(HT20)_5745



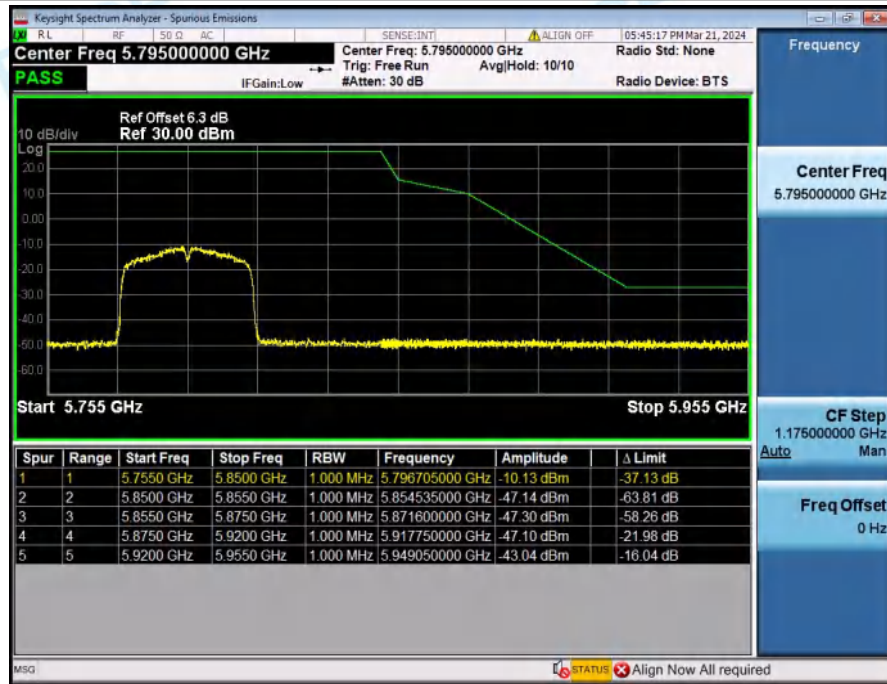
Bandedge_NVNT_ANT1_802_11n(HT20)_5825



Bandedge_NVNT_ANT1_802_11n(HT40)_5755



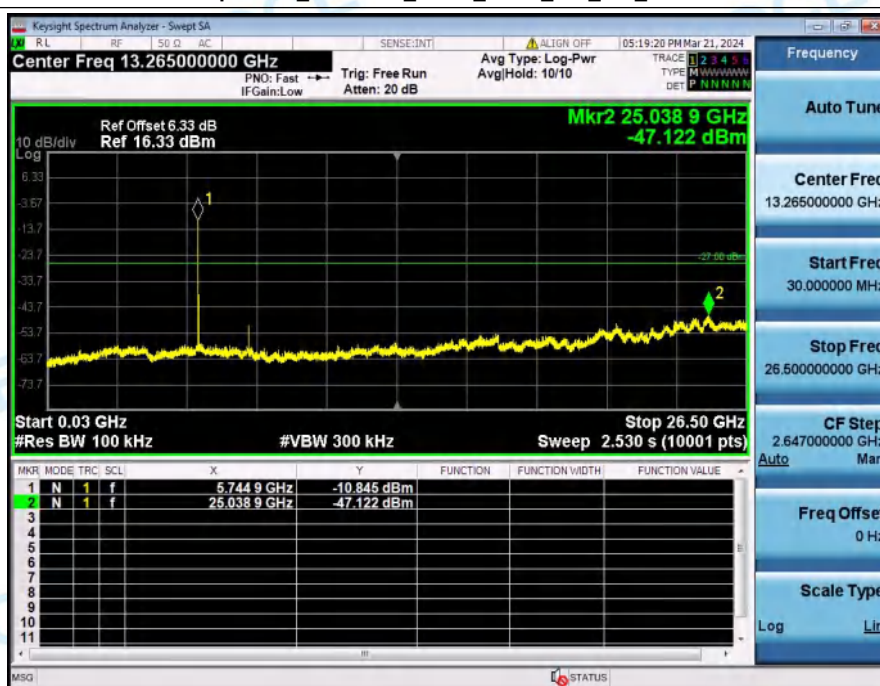
Bandedge_NVNT_ANT1_802_11n(HT40)_5795



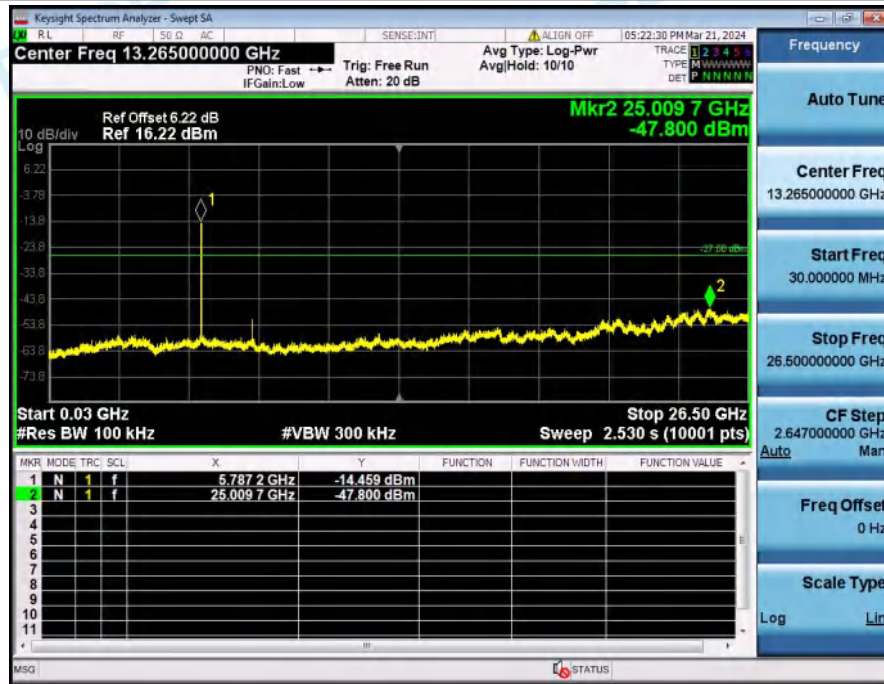
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	25038.86	-47.12	-27	Pass
NVNT	ANT1	802.11a	5785.00	25009.74	-47.80	-27	Pass
NVNT	ANT1	802.11a	5825.00	25057.38	-47.62	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	25057.38	-47.37	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	25062.68	-47.43	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	26208.83	-47.26	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	25017.68	-47.11	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	25004.44	-47.91	-27	Pass

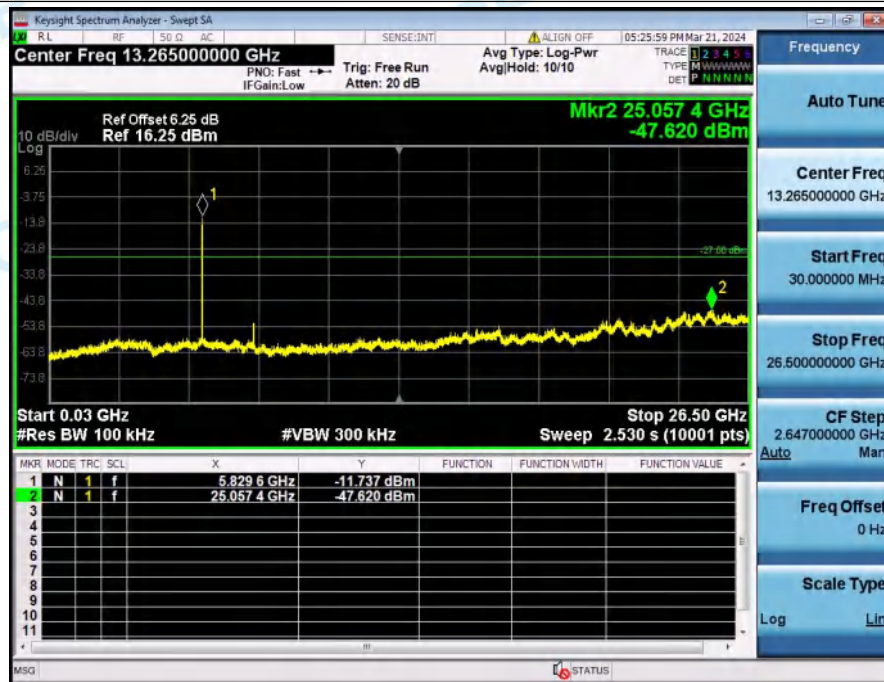
Spurious_Emission_NVNT_ANT1_802_11a_5745



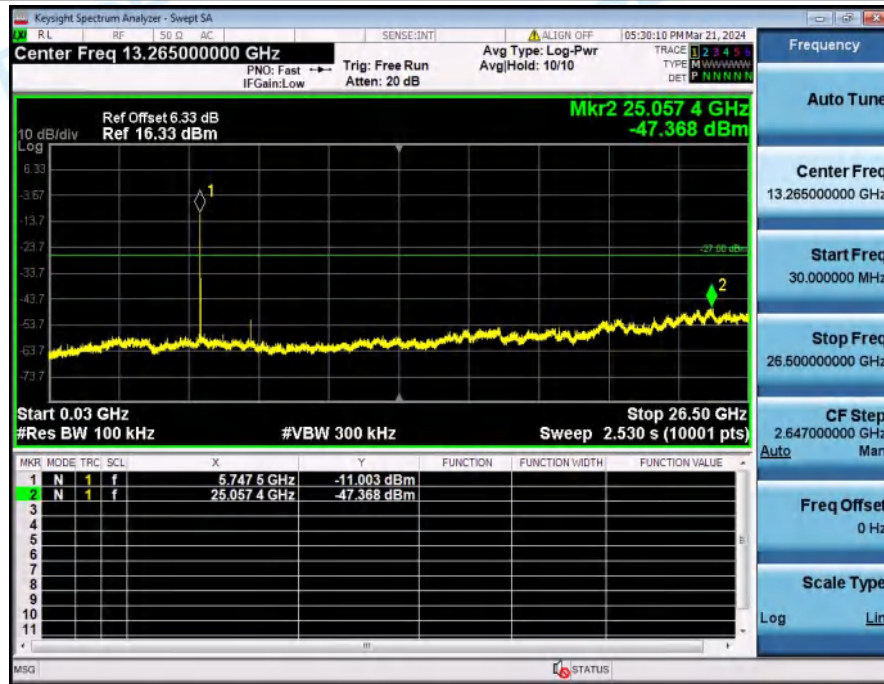
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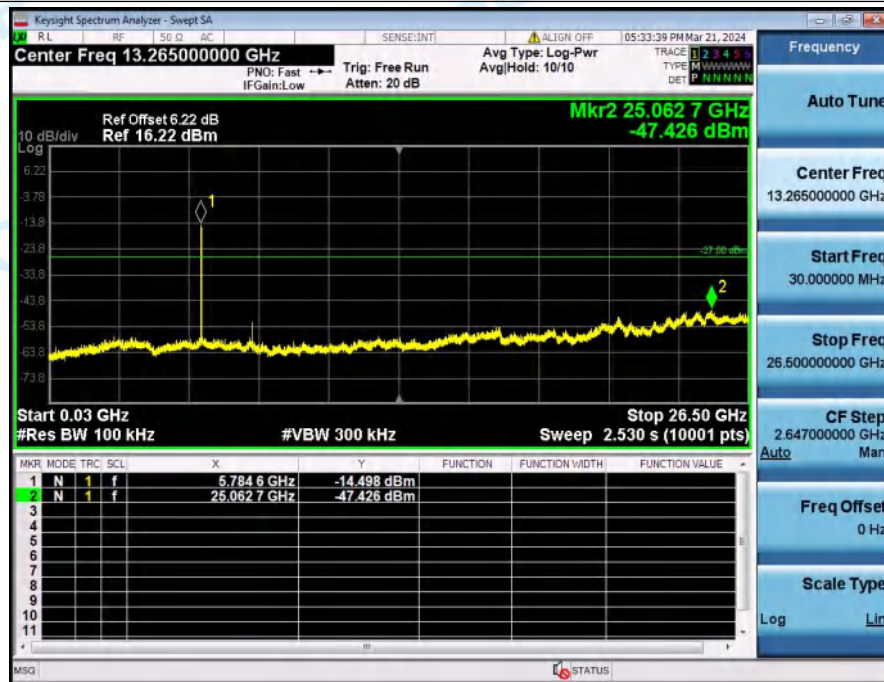
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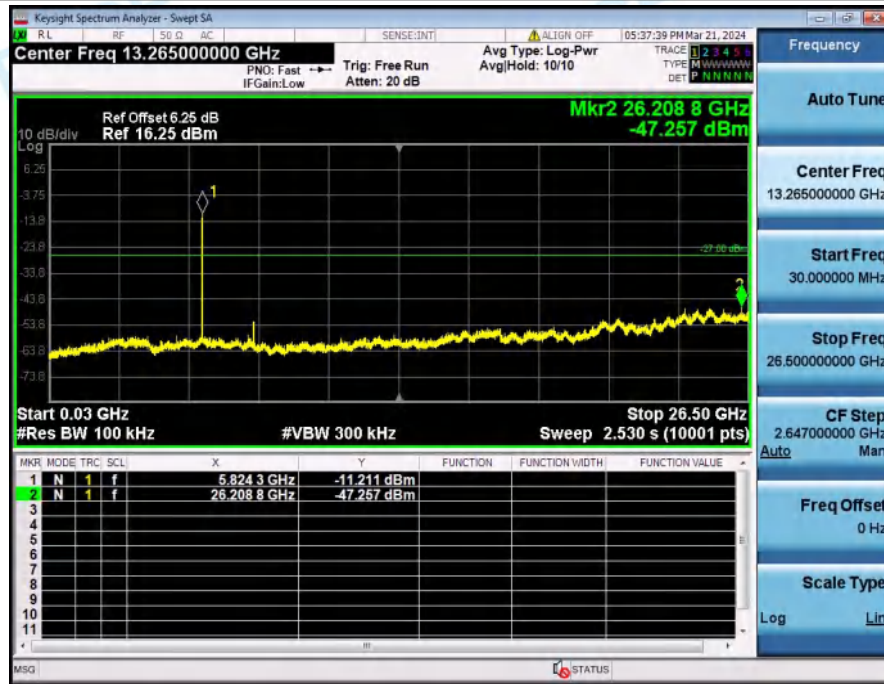
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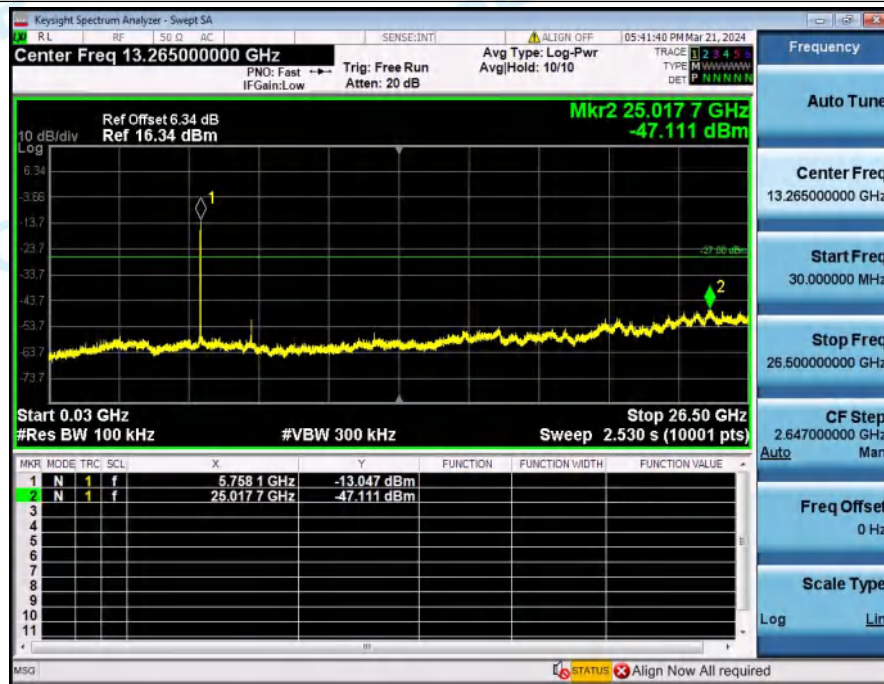
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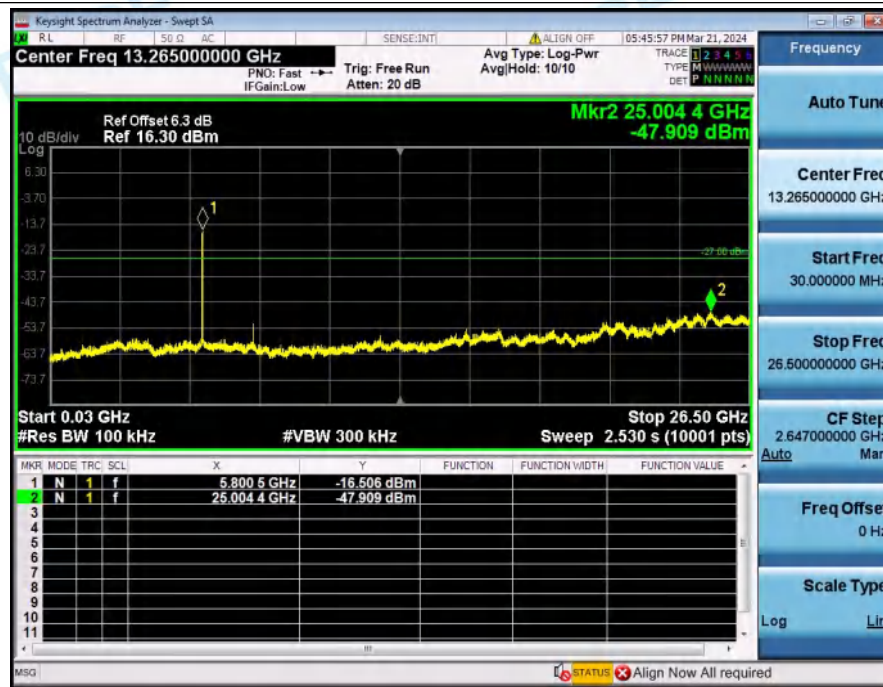
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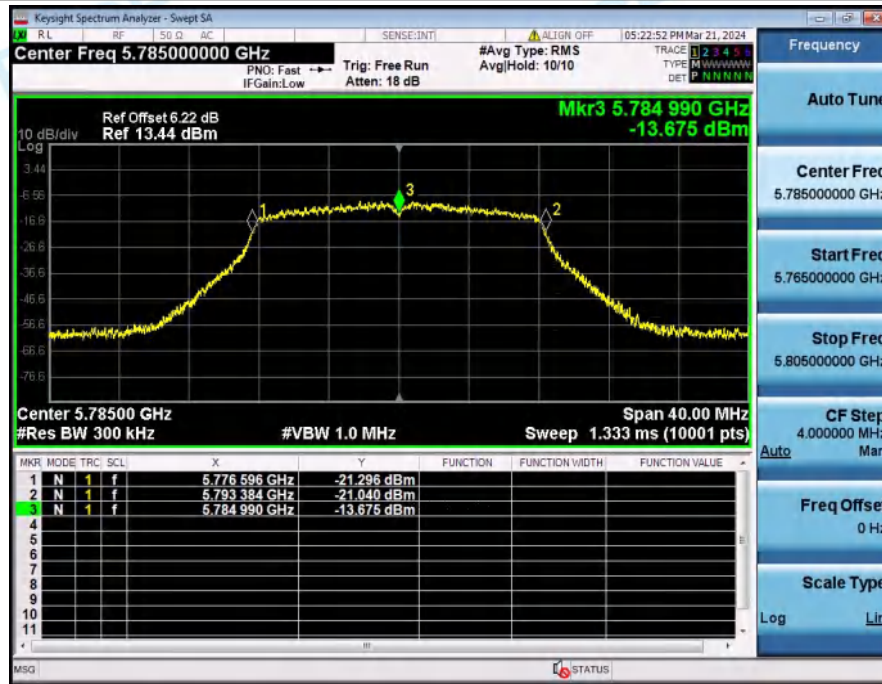
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5755



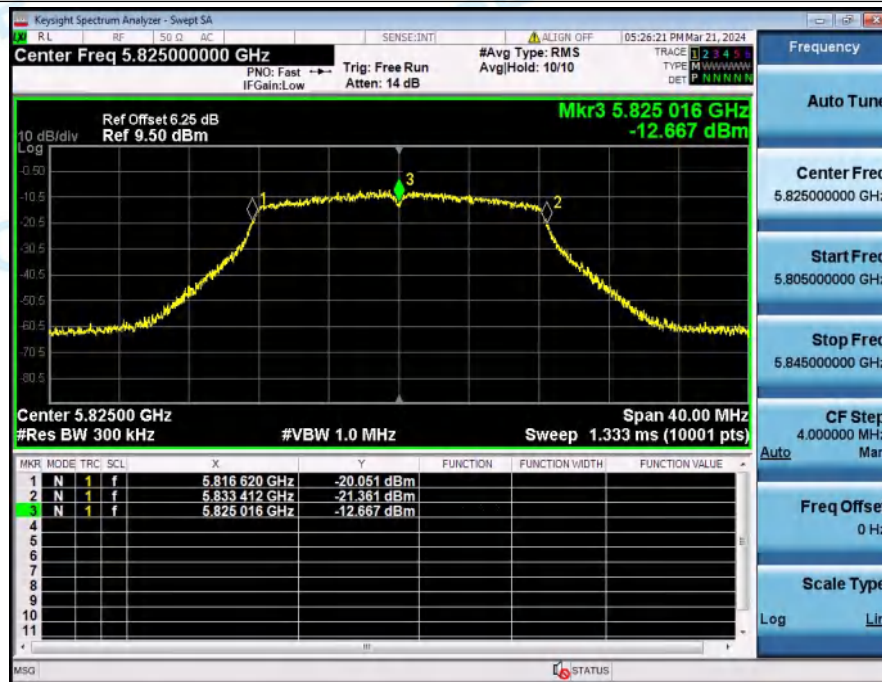
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5795



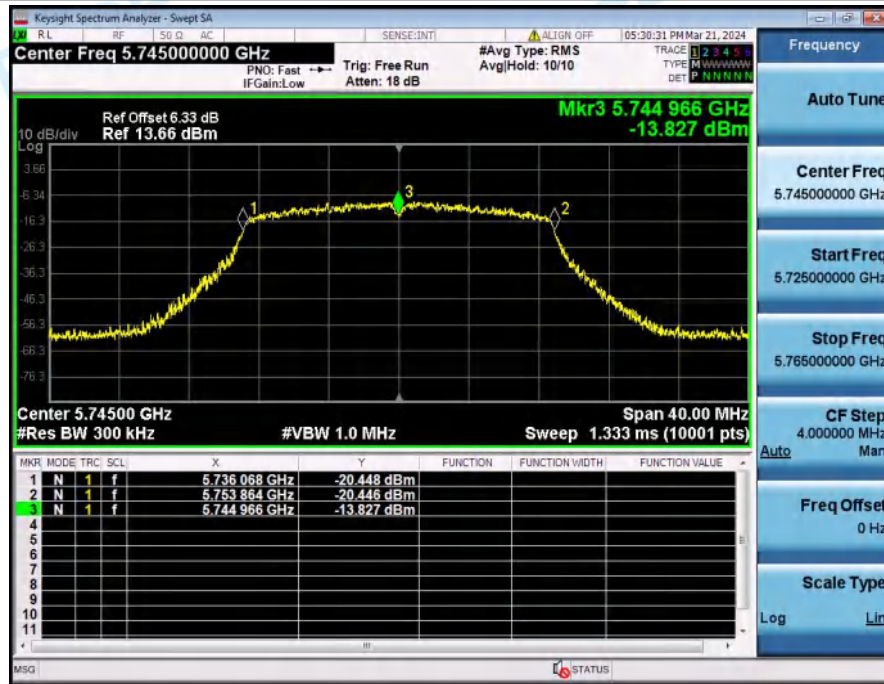
Frequency_Stability_NVNT_ANT1_802_11a_5785



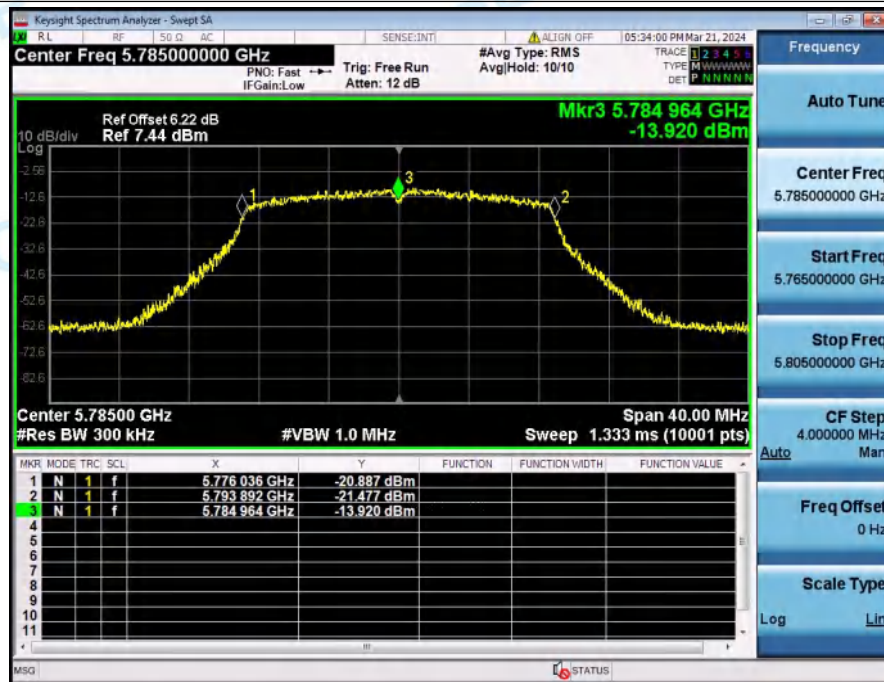
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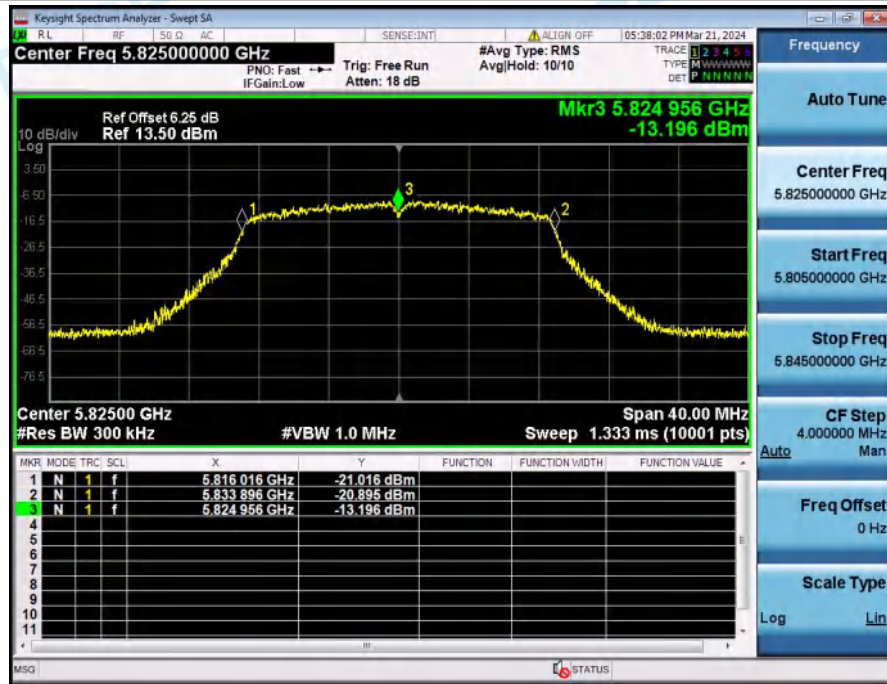
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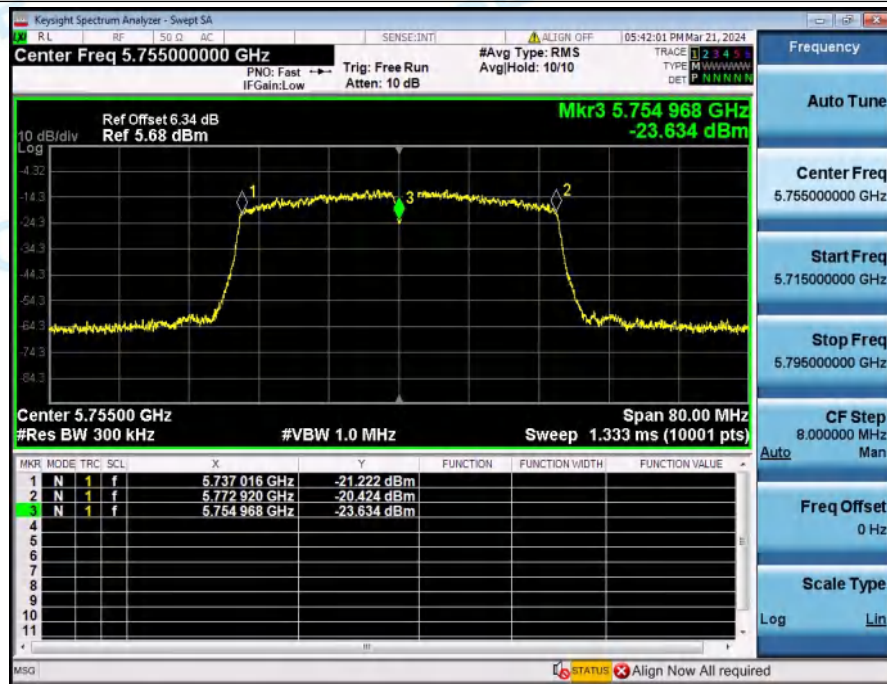
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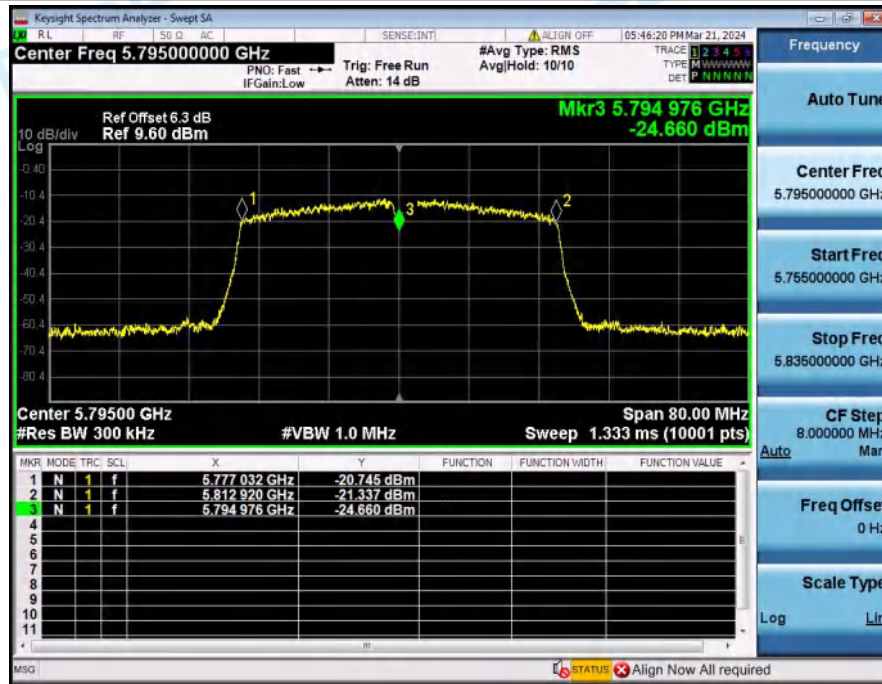
Frequency_Stability_NVNT_ANT1_802_11n(HT20)_5825



Frequency_Stability_NVNT_ANT1_802_11n(HT40)_5755



Frequency_Stability_NVNT_ANT1_802_11n(HT40)_5795



***** End of Report *****