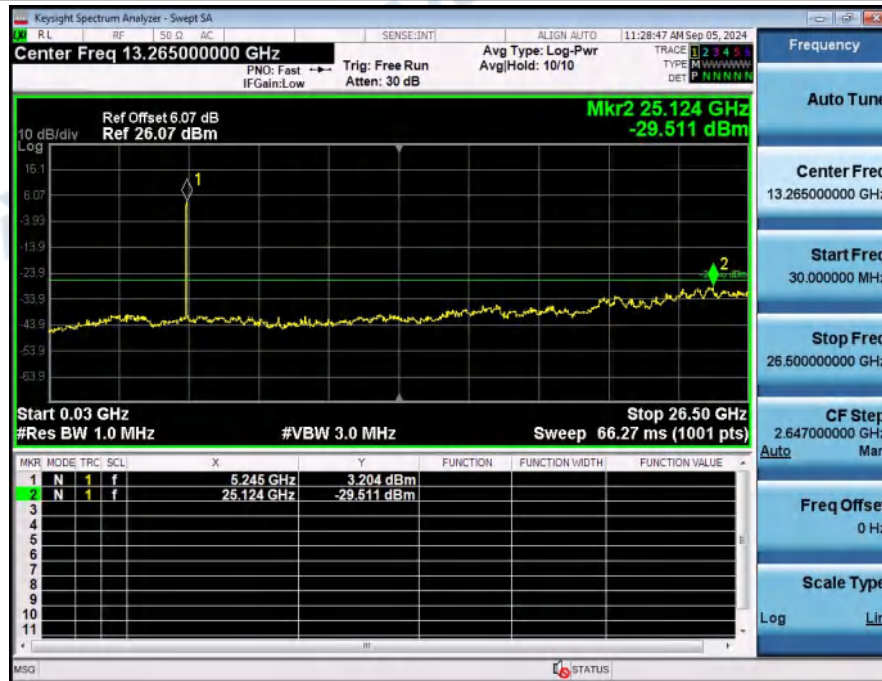
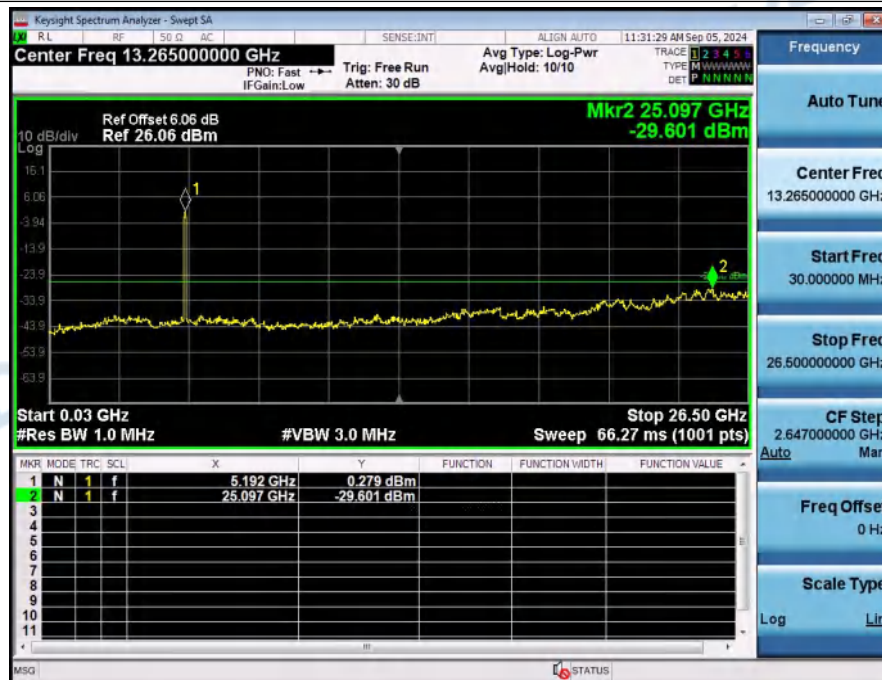


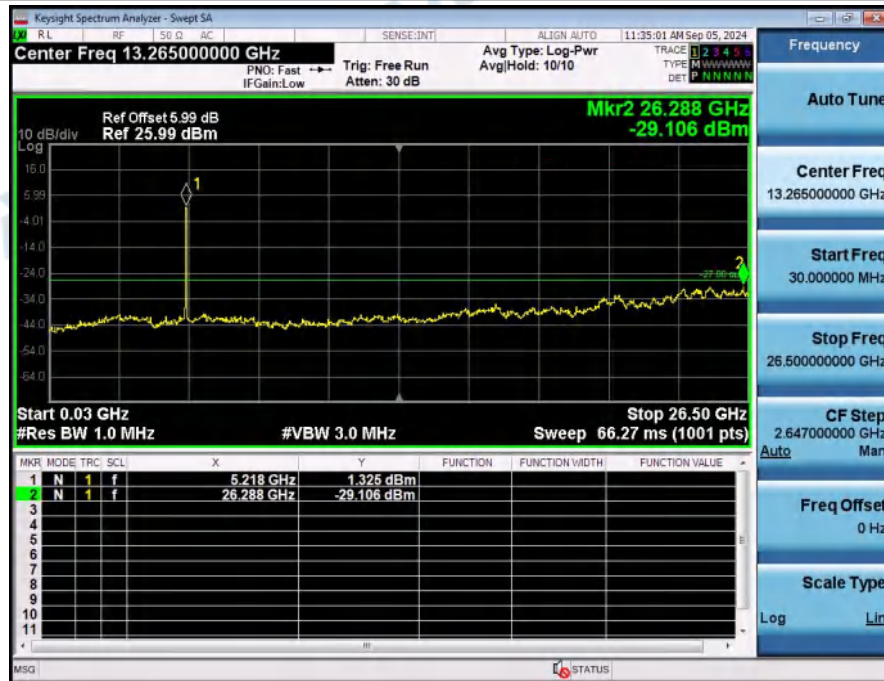
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5240_20M



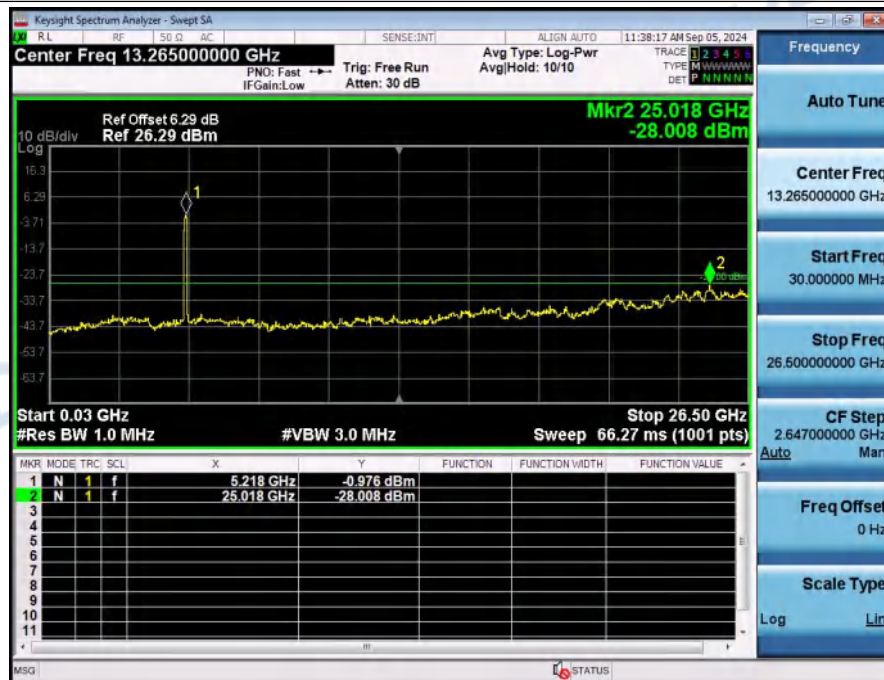
Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5190_40M



Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5230_40M



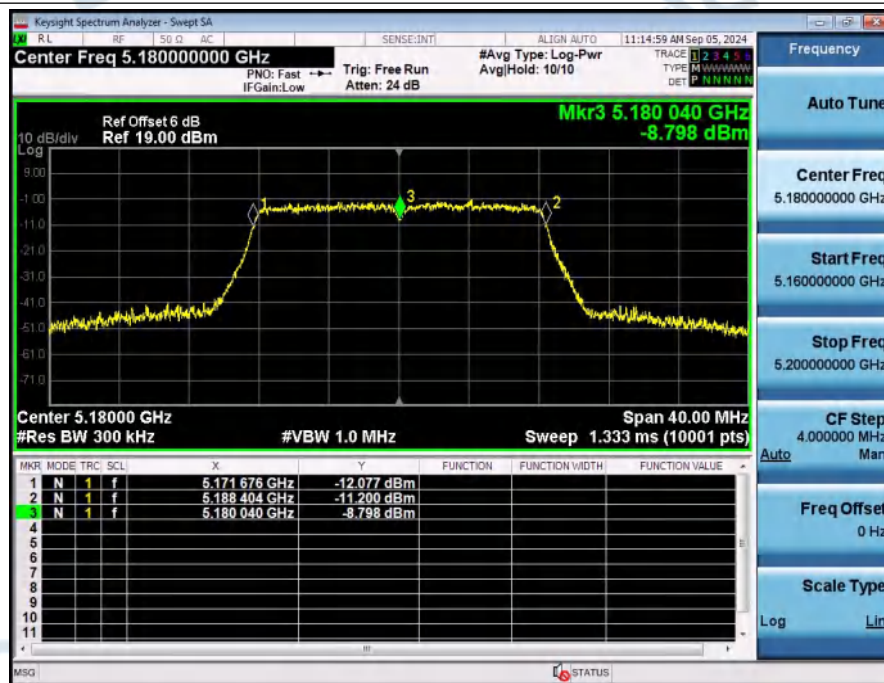
Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_5210_80M



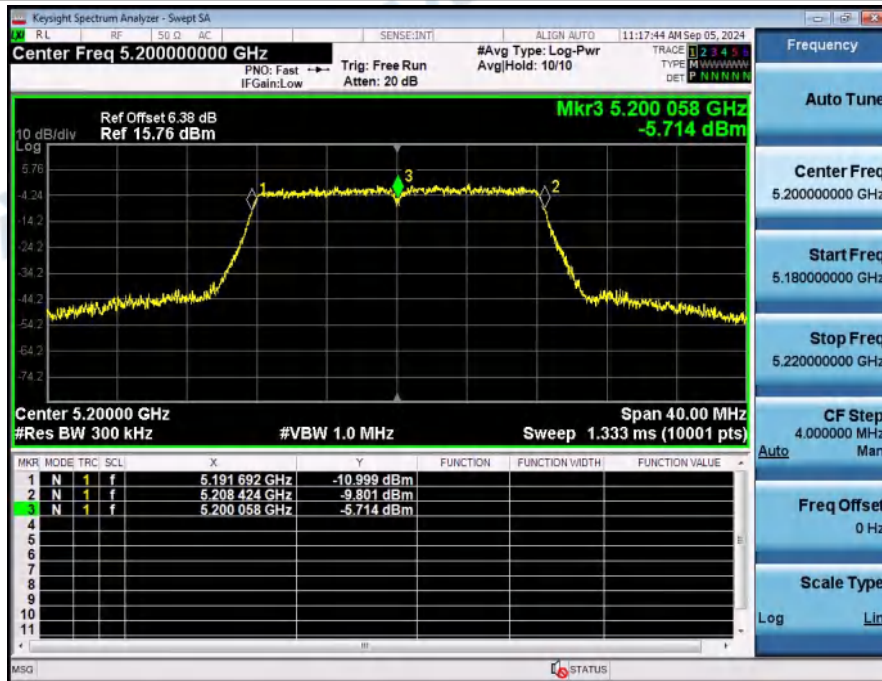
7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5180.00	5180.040	5171.676	5188.404	5150~5250	Pass
NVNT	ANT1	802.11a	5200.00	5200.058	5191.692	5208.424	5150~5250	Pass
NVNT	ANT1	802.11a	5240.00	5240.050	5231.692	5248.408	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5180.044	5171.120	5188.968	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	5200.046	5191.128	5208.964	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5240.036	5231.112	5248.960	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5190.032	5171.816	5208.248	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5230.016	5211.816	5248.216	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	5210.096	5172.368	5247.824	5150~5250	Pass

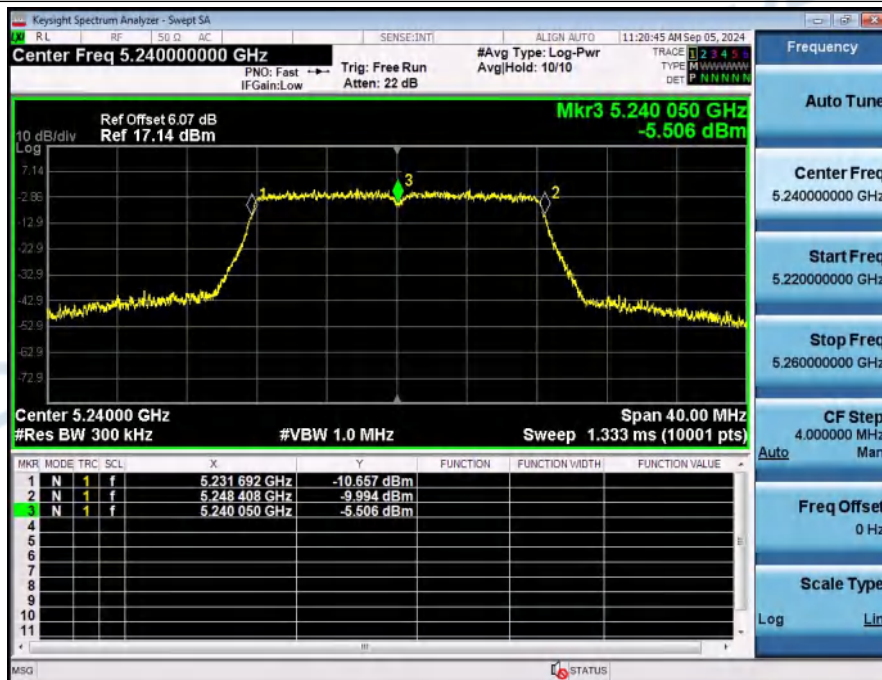
Frequency_Stability_NVNT_ANT1_802_11a_5180



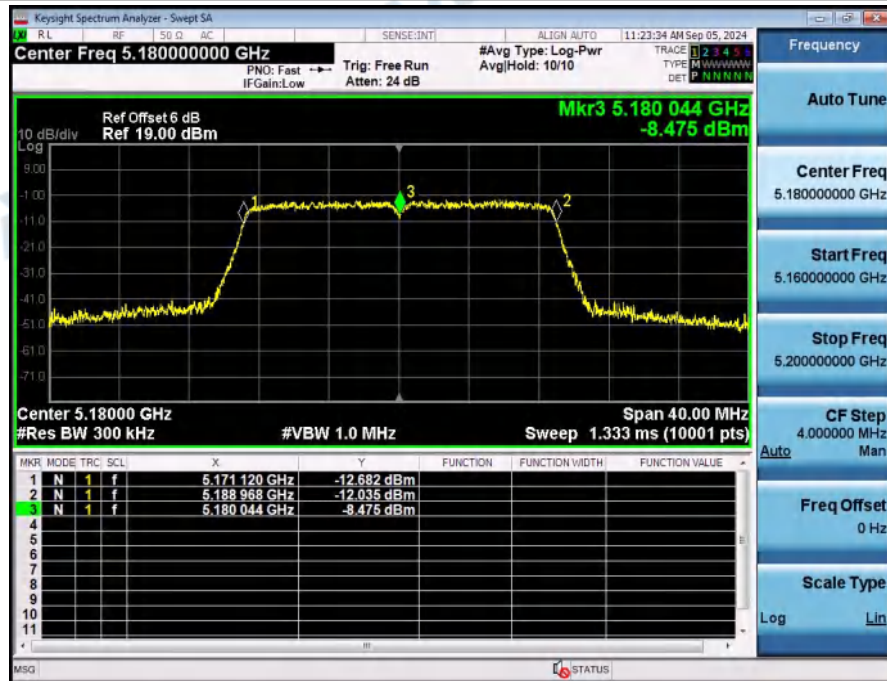
Frequency_Stability_NVNT_ANT1_802_11a_5200



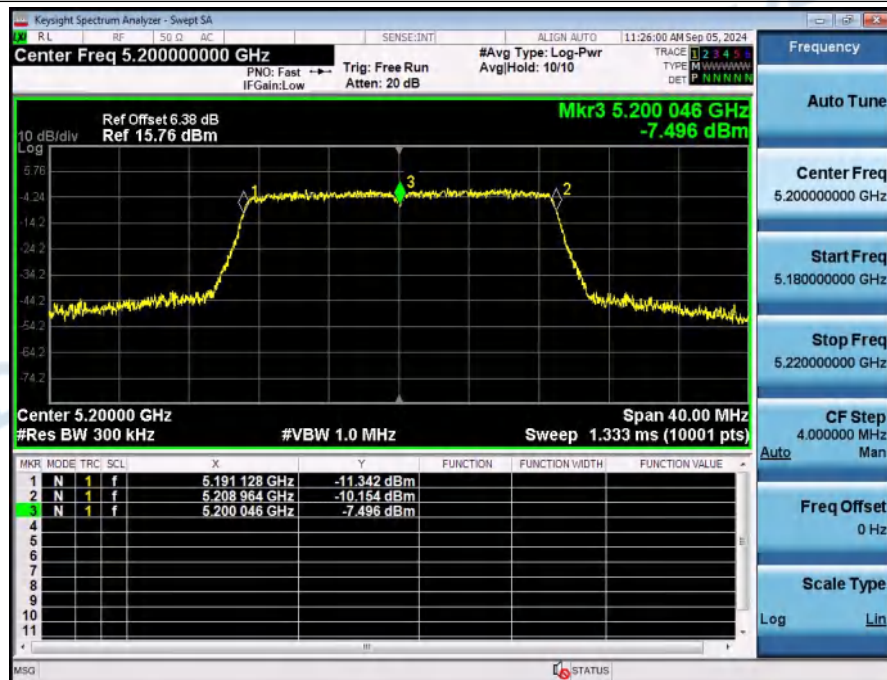
Frequency_Stability_NVNT_ANT1_802_11a_5240



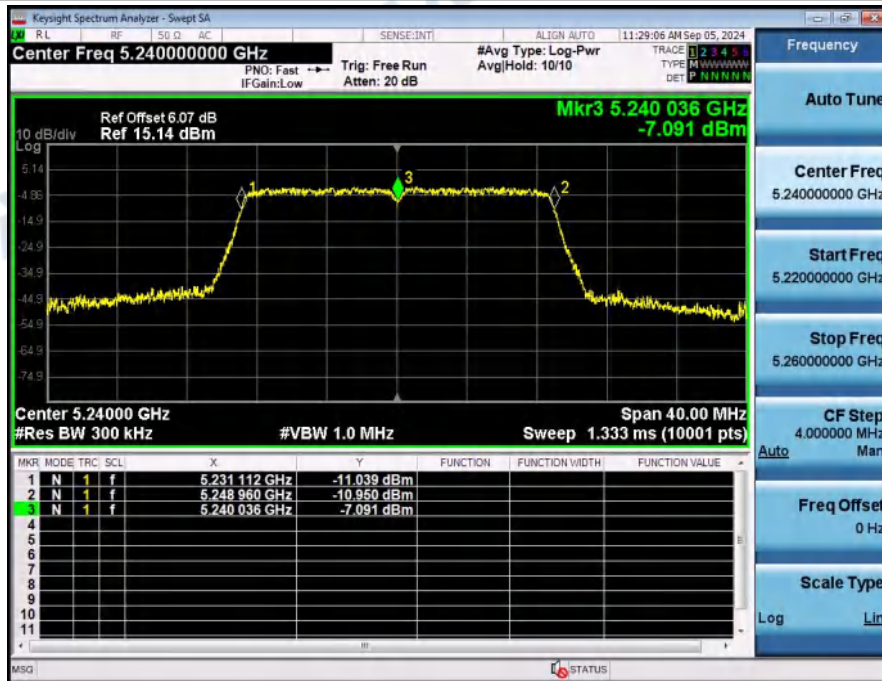
Frequency_Stability_NVNT_ANT1_802_11ac(VHT20)_5180



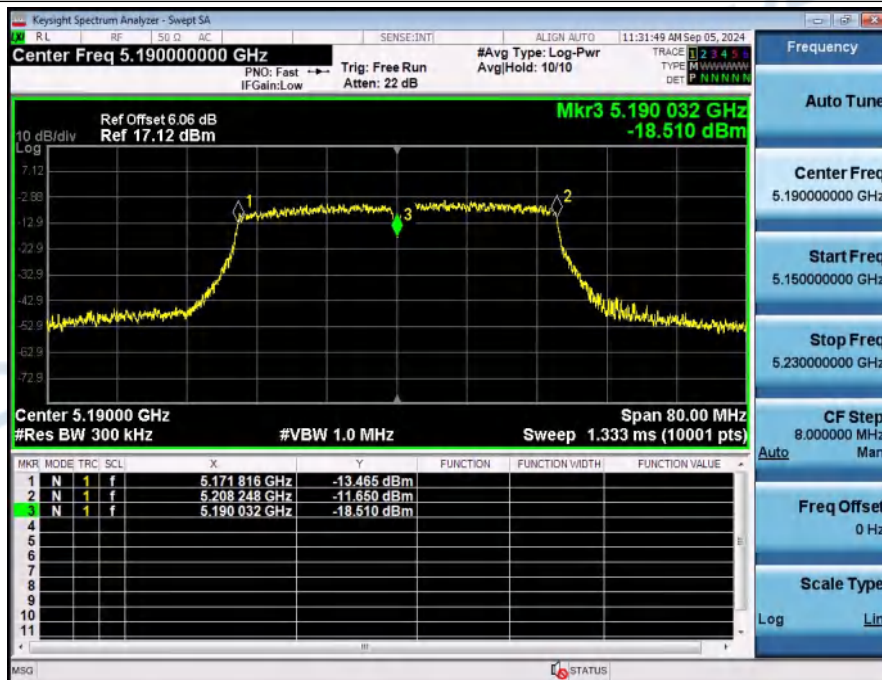
Frequency_Stability_NVNT_ANT1_802_11ac(VHT20)_5200



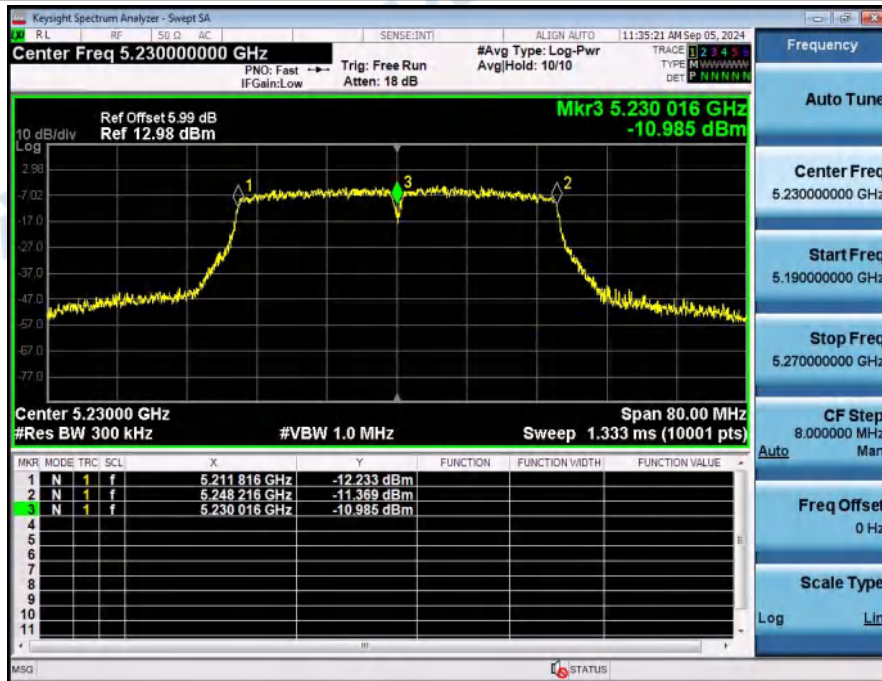
Frequency_Stability_NVNT_ANT1_802_11ac(VHT20)_5240



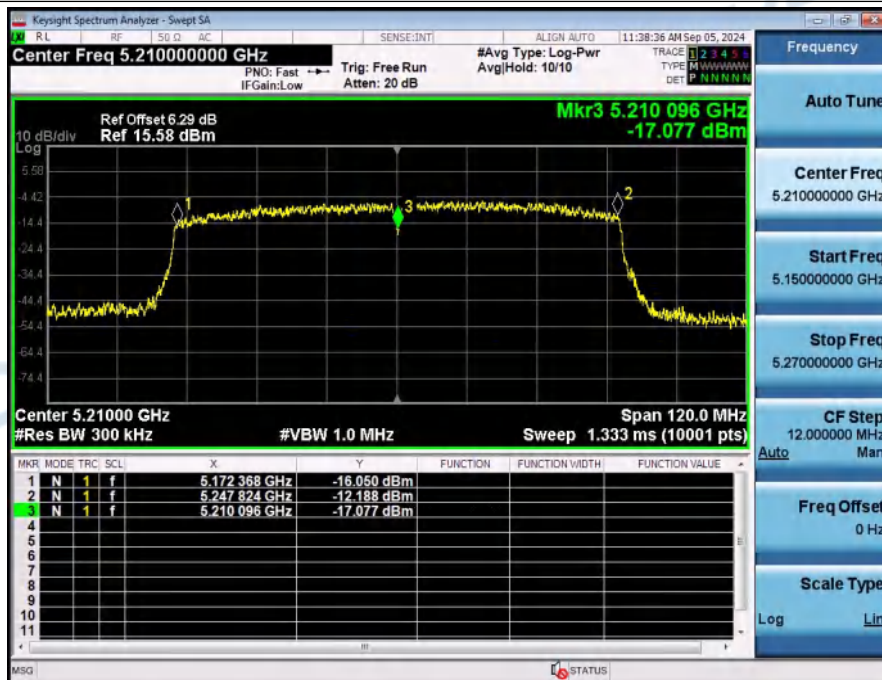
Frequency_Stability_NVNT_ANT1_802_11ac(VHT40)_5190



Frequency_Stability_NVNT_ANT1_802_11ac(VHT40)_5230



Frequency_Stability_NVNT_ANT1_802_11ac(VHT80)_5210



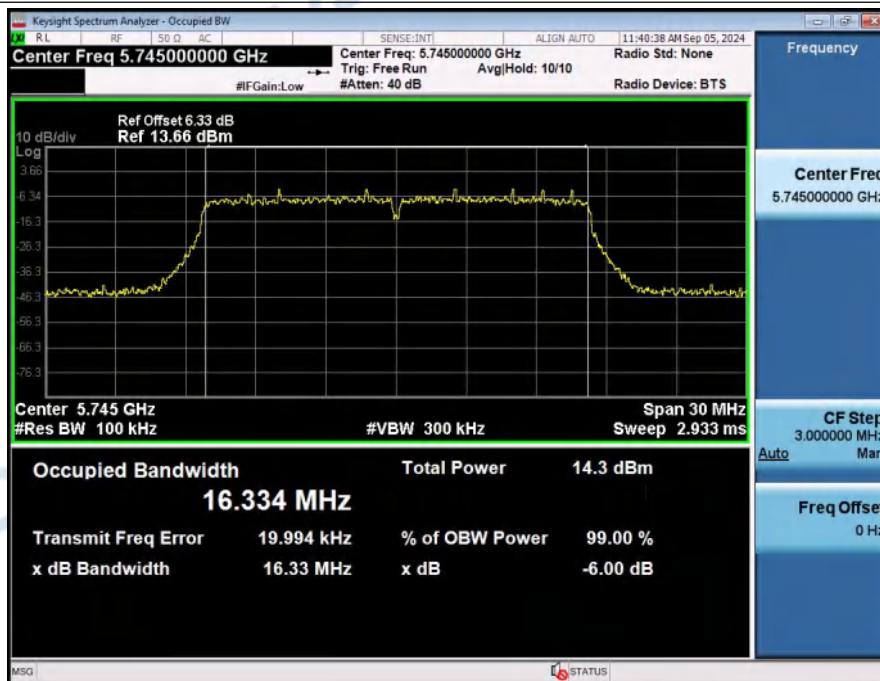
Appendix--5.8G_WIFI

HT240814005--V8--5.8G--FCC FCC_5.8G_WIFI (Part15.407) Test Data

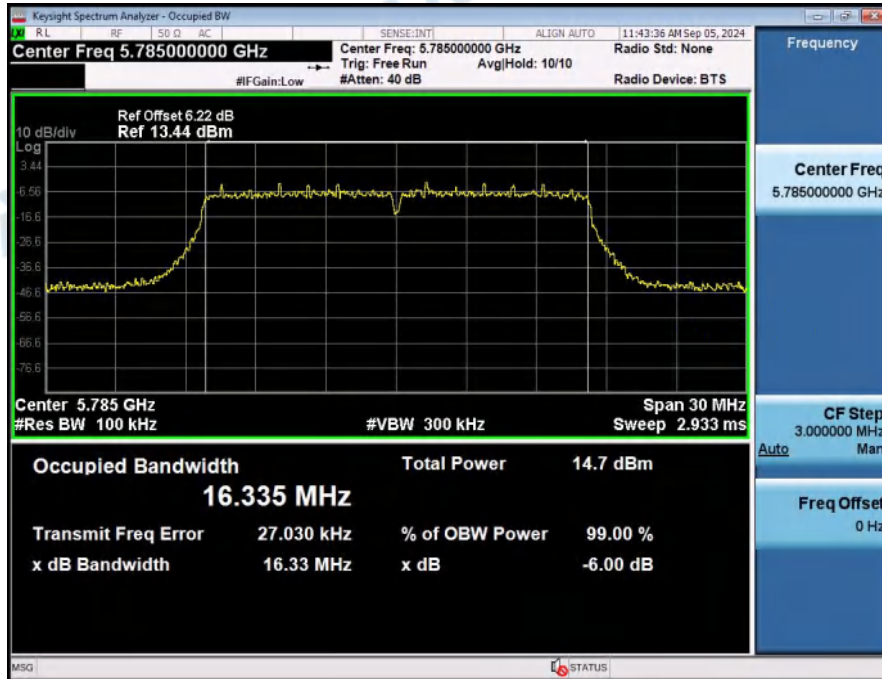
1. -6dB Emission Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	16.334	0.500	Pass
NVNT	ANT1	802.11a	5785.00	16.330	0.500	Pass
NVNT	ANT1	802.11a	5825.00	16.354	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	17.248	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	17.546	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	17.298	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	35.201	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	35.207	0.500	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	75.185	0.500	Pass

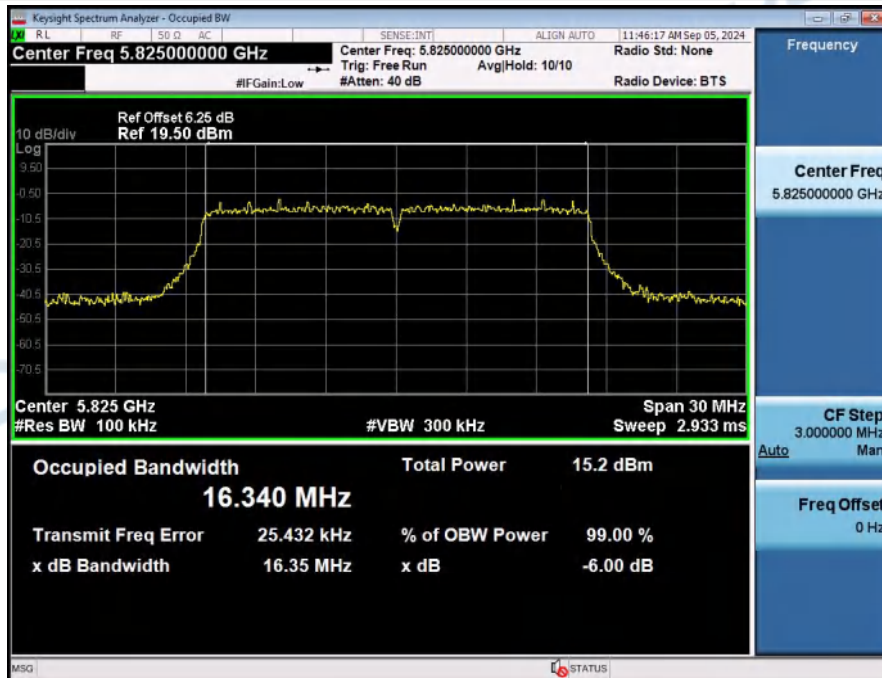
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M



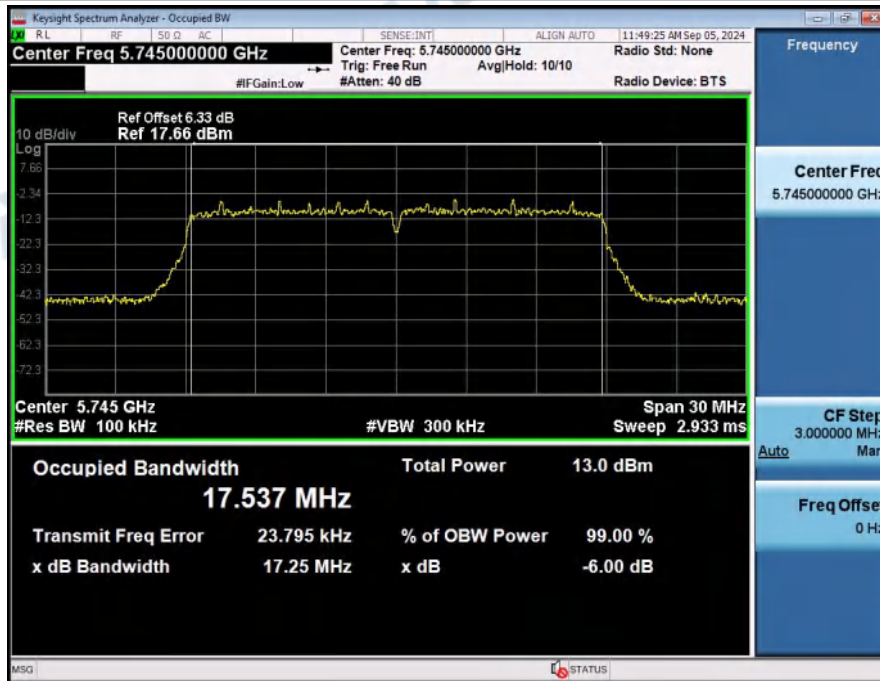
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5785_20M



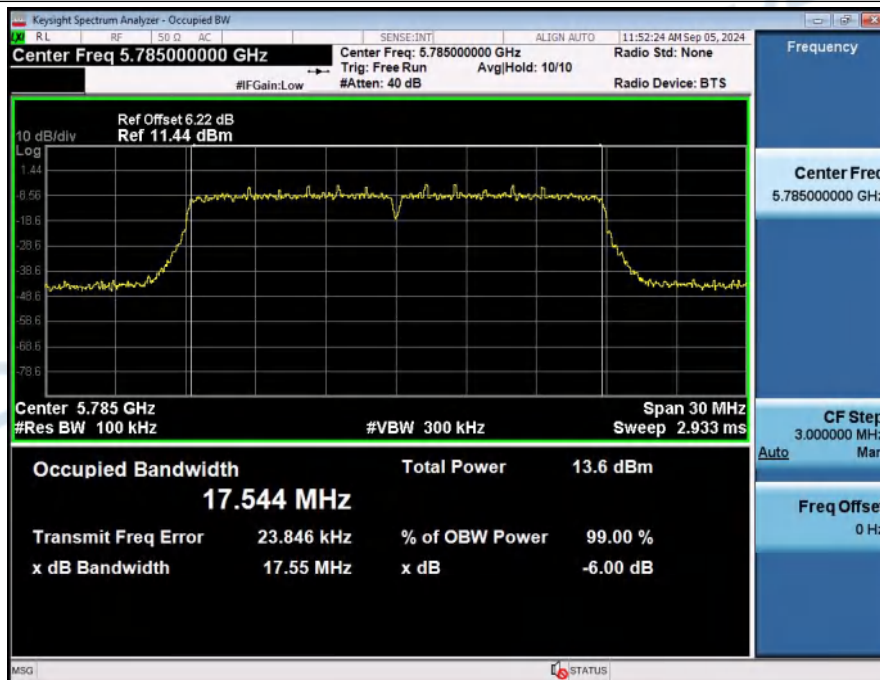
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5825_20M



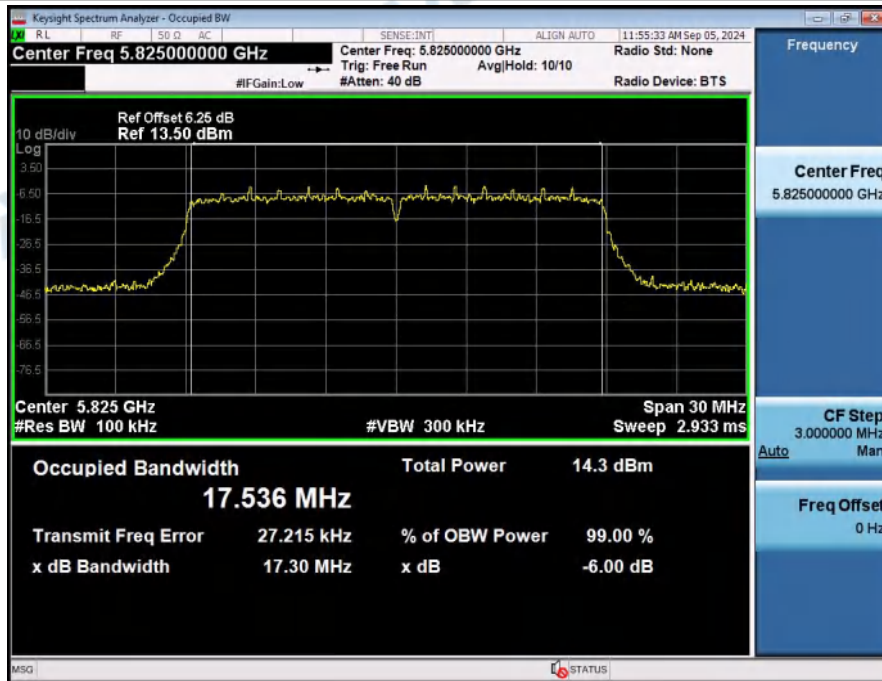
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5745_20M



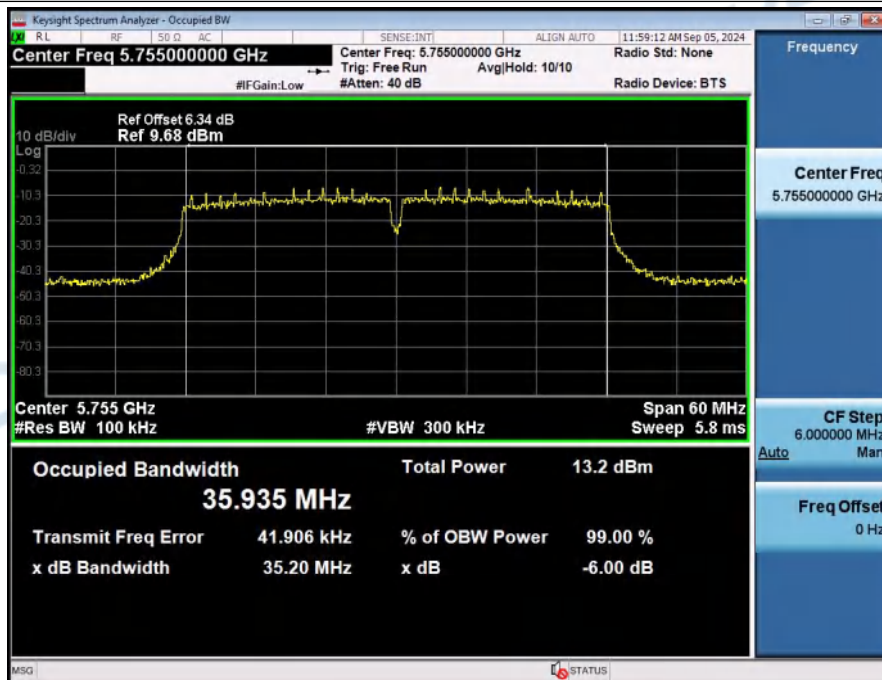
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5785_20M



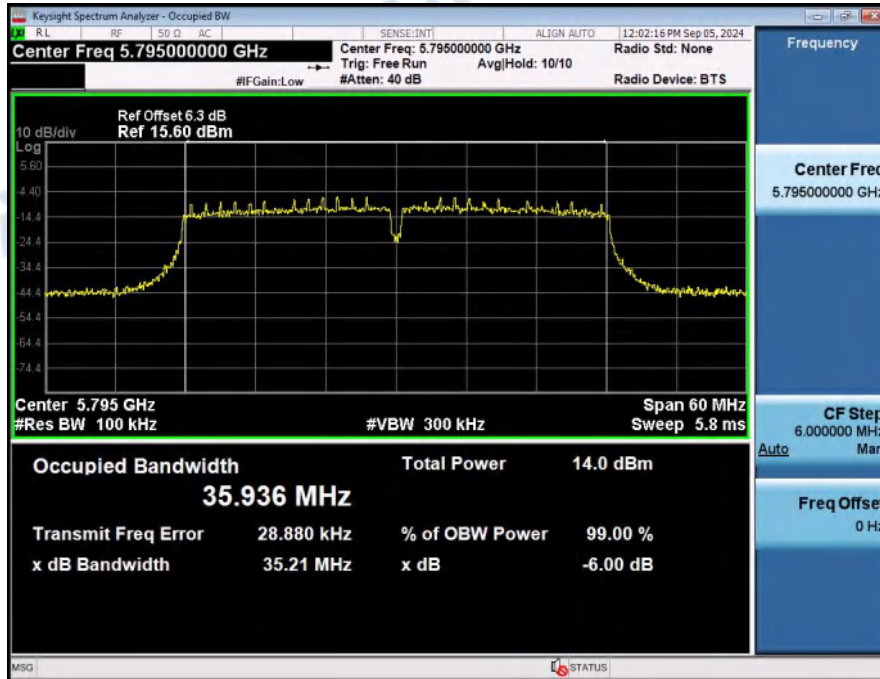
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5825_20M



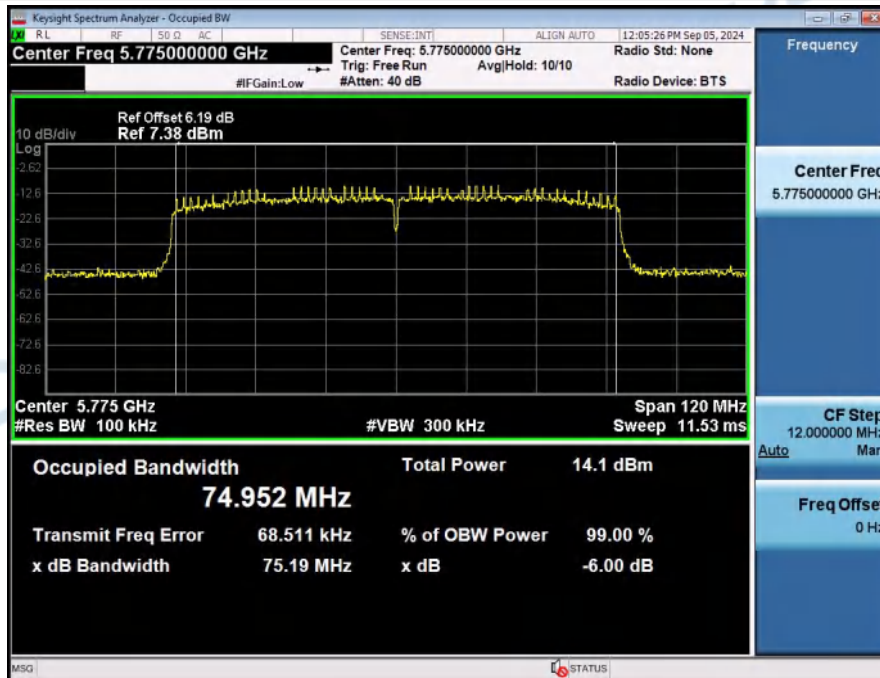
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5755_40M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5795_40M



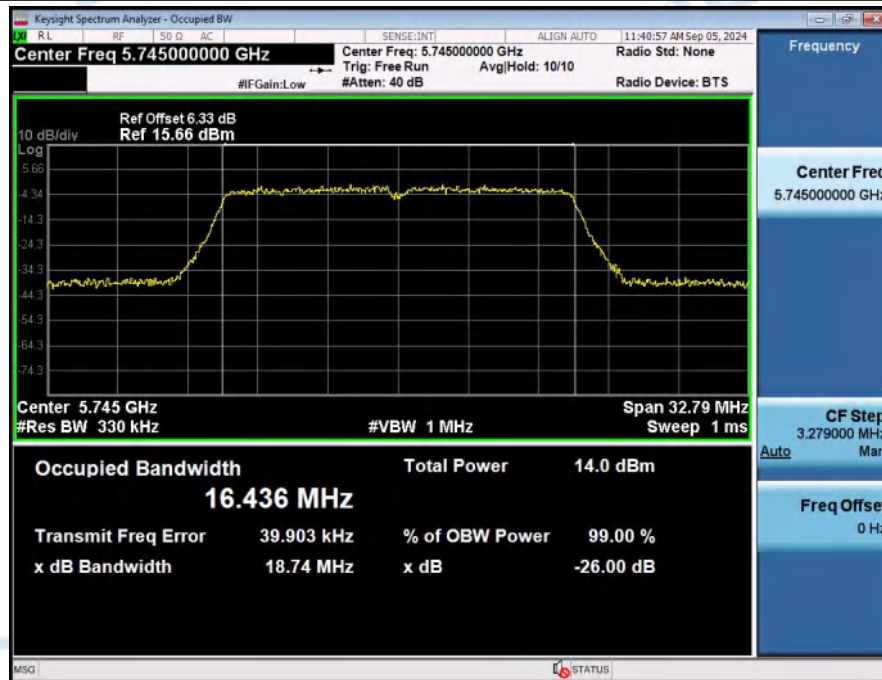
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5775_80M



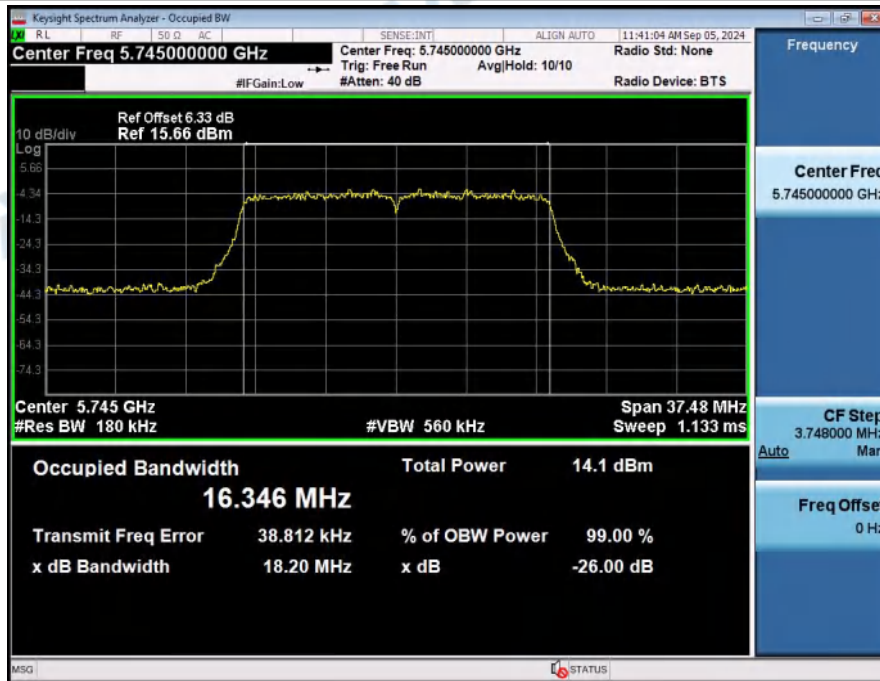
2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	18.20	16.44
NVNT	ANT1	802.11a	5785.00	18.35	16.42
NVNT	ANT1	802.11a	5825.00	18.31	16.42
NVNT	ANT1	802.11ac(VHT20)	5745.00	19.34	17.60
NVNT	ANT1	802.11ac(VHT20)	5785.00	19.34	17.60
NVNT	ANT1	802.11ac(VHT20)	5825.00	19.35	17.61
NVNT	ANT1	802.11ac(VHT40)	5755.00	41.37	36.24
NVNT	ANT1	802.11ac(VHT40)	5795.00	41.60	36.22
NVNT	ANT1	802.11ac(VHT80)	5775.00	81.24	74.86

99%_OCB_NVNT_ANT1_802_11a_5745



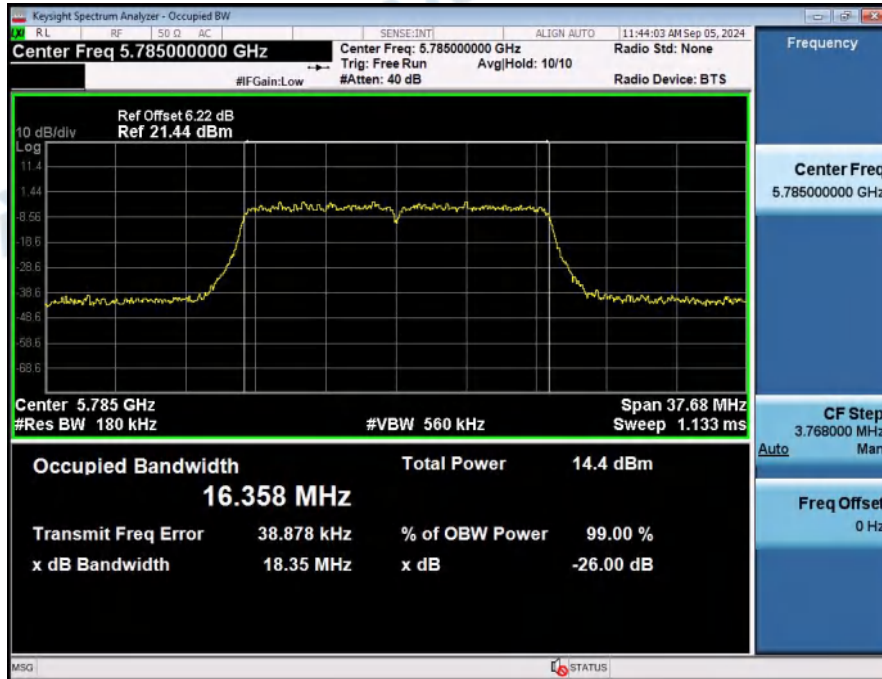
-26BW_NVNT_ANT1_802_11a_5745



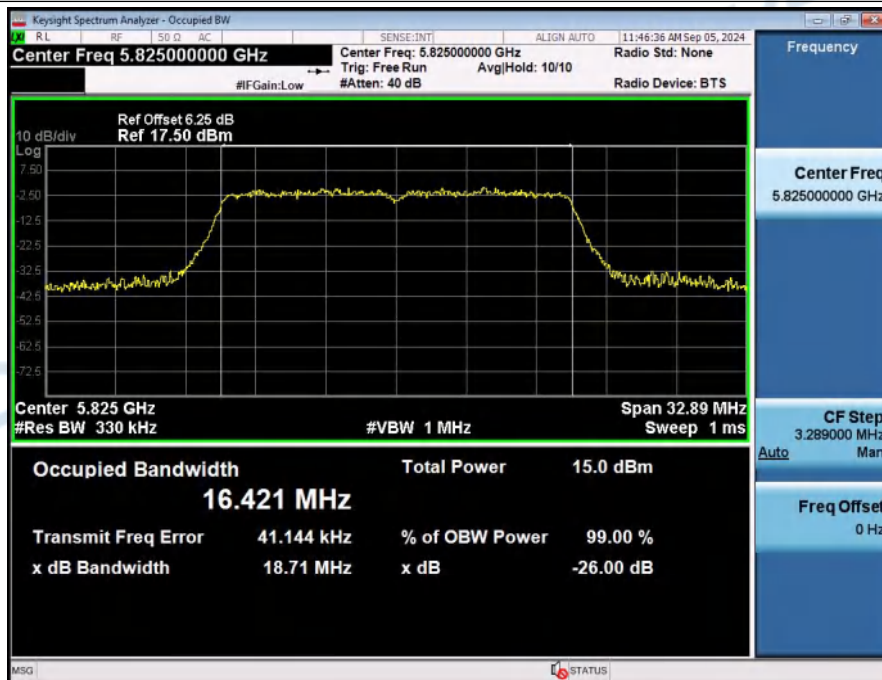
99%_OCB_NVNT_ANT1_802_11a_5785



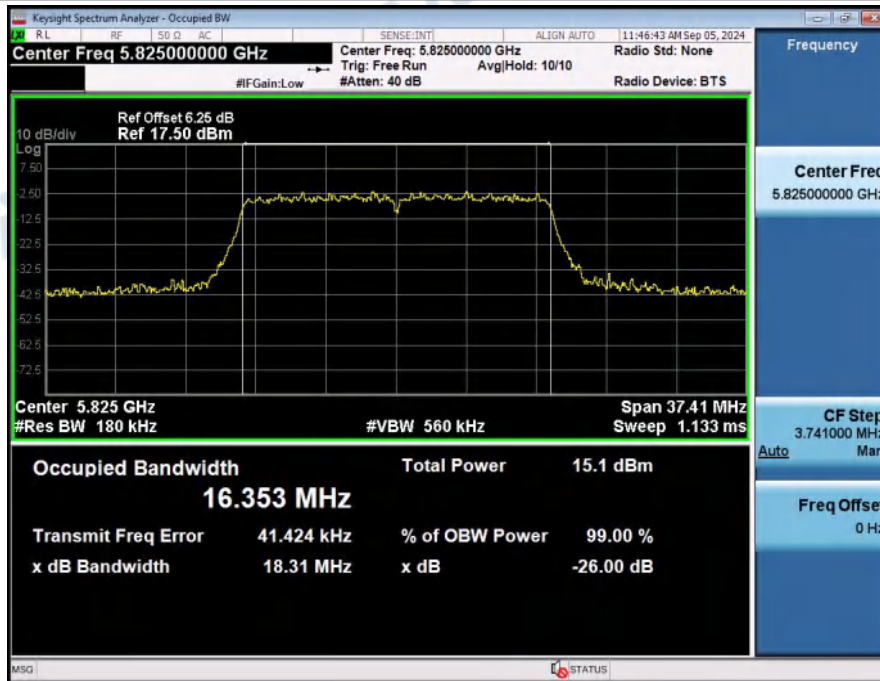
-26BW_NVNT_ANT1_802_11a_5785



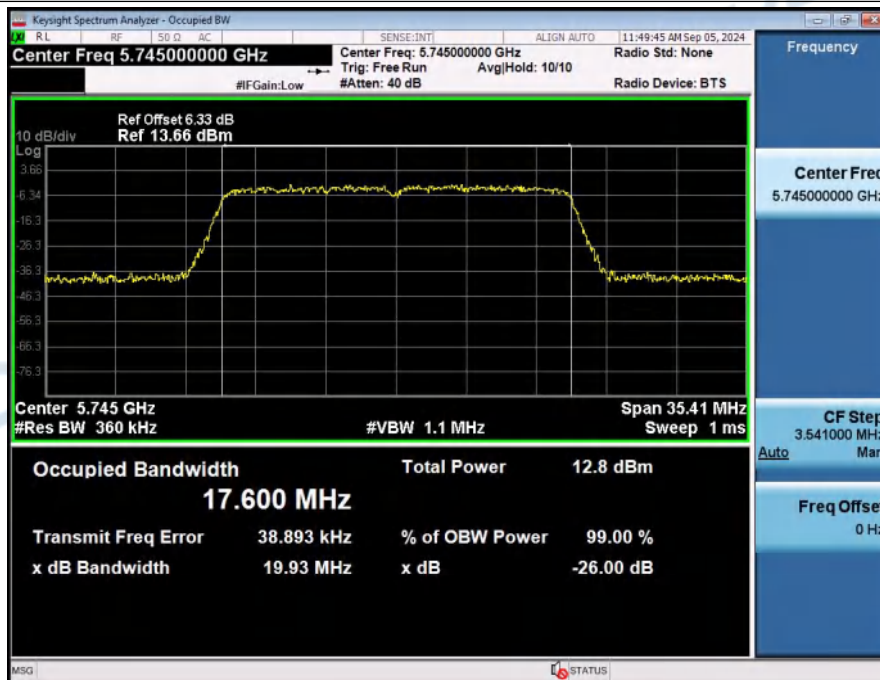
99%_OCB_NVNT_ANT1_802_11a_5825



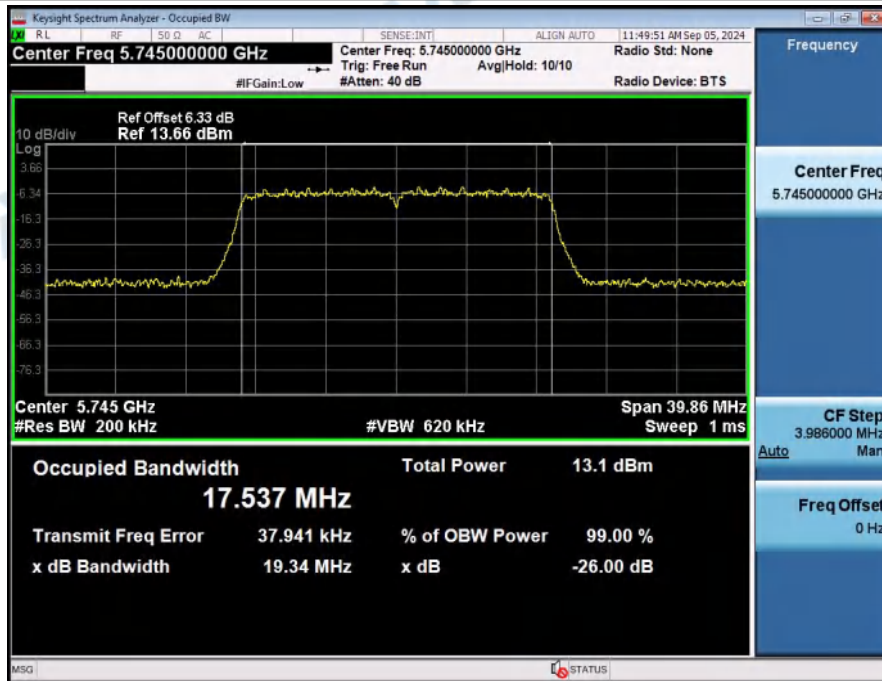
-26BW_NVNT_ANT1_802_11a_5825



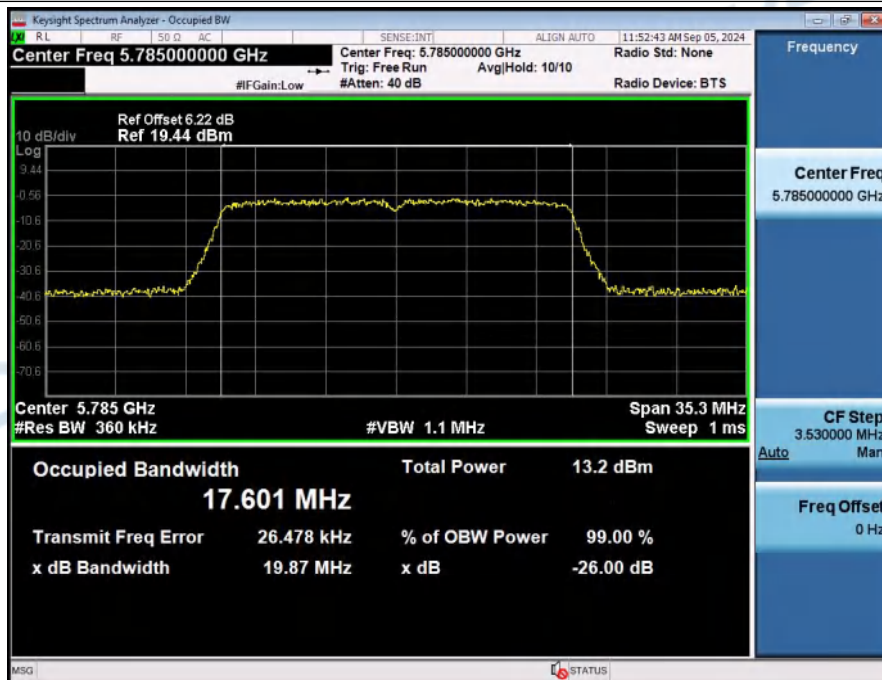
99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5745



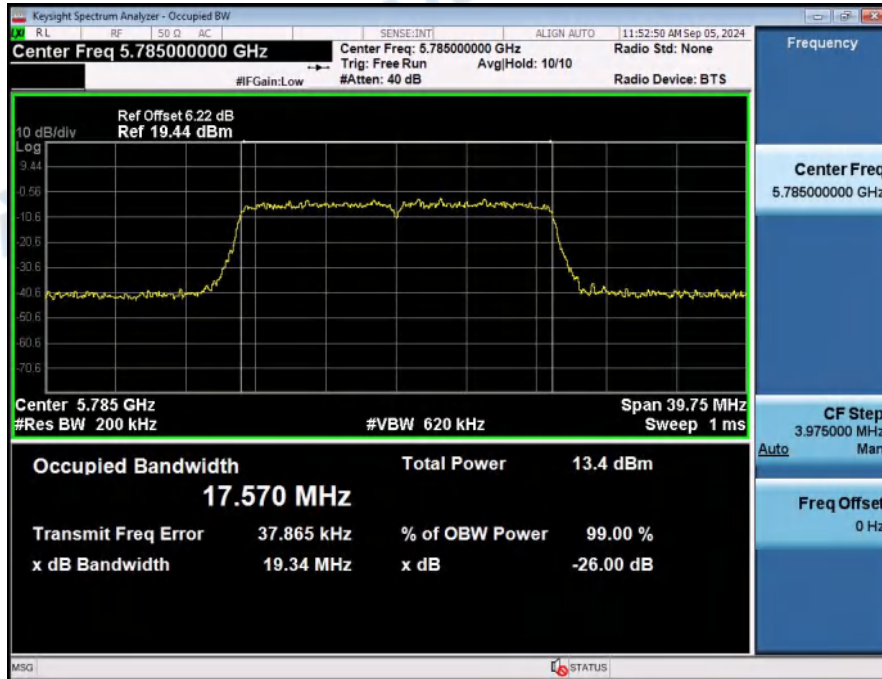
-26BW_NVNT_ANT1_802_11ac(VHT20)_5745



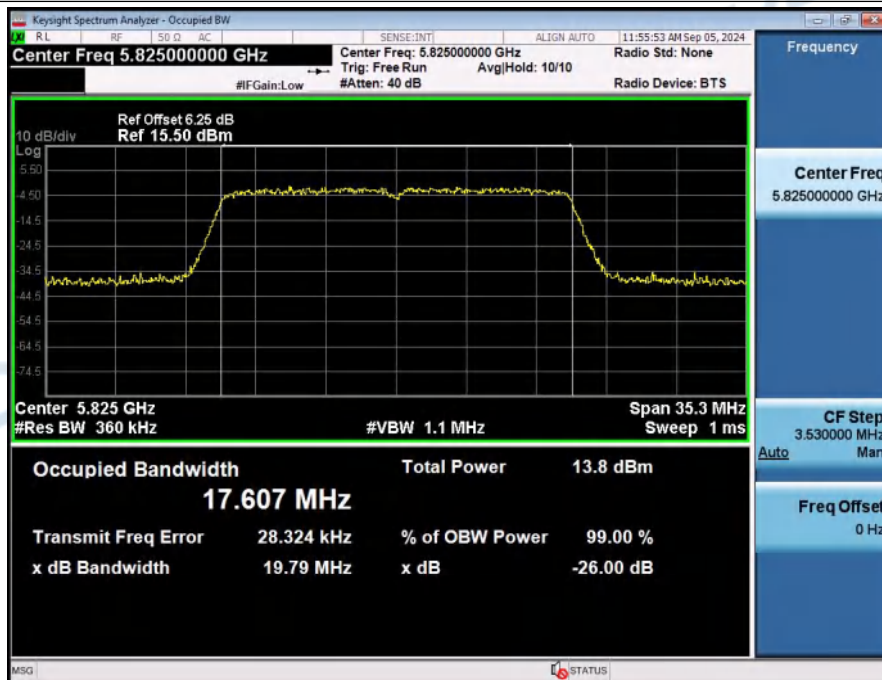
99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5785



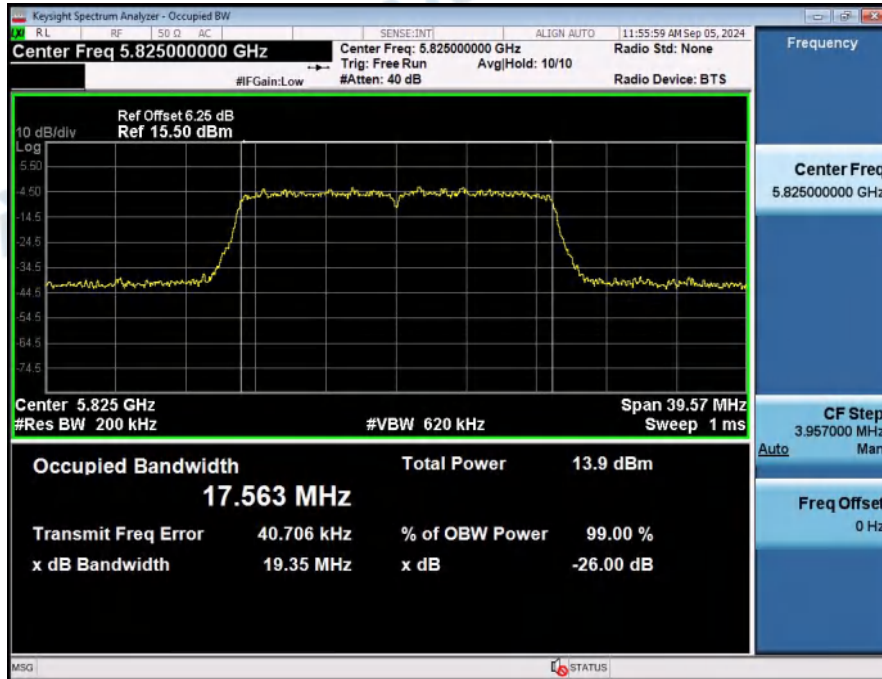
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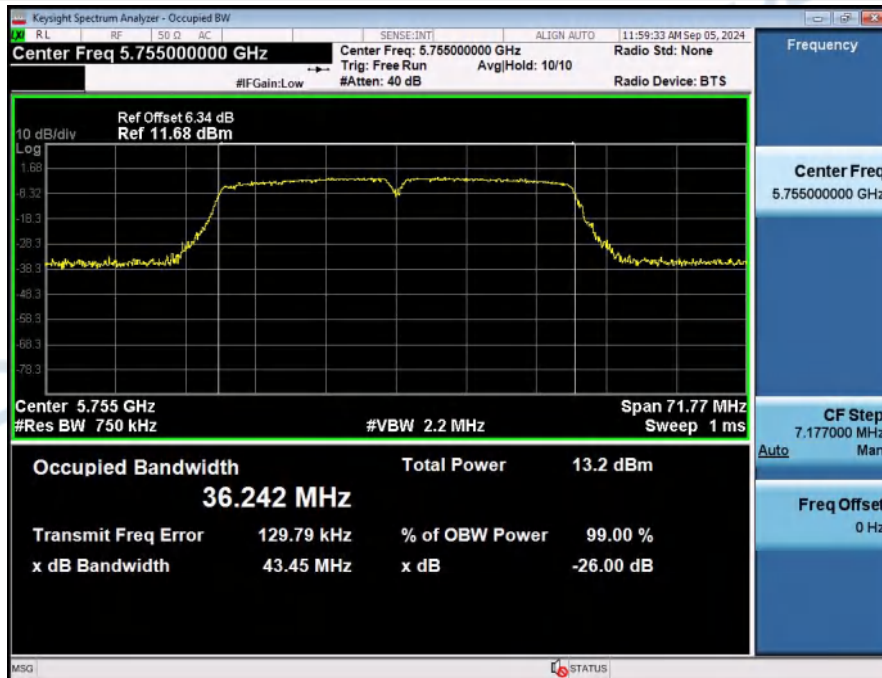
99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5825



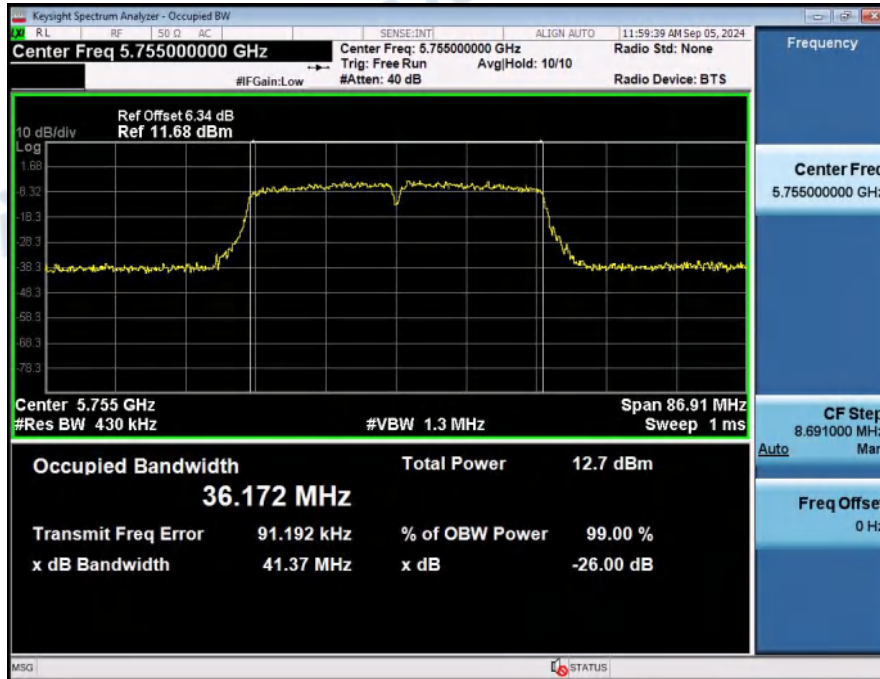
-26BW_NVNT_ANT1_802_11ac(VHT20)_5825



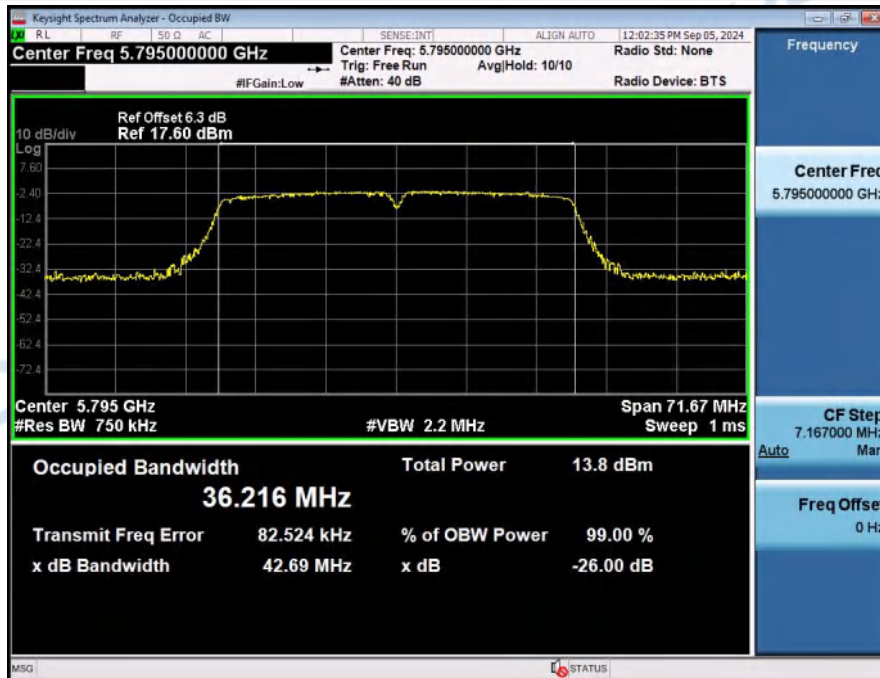
99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5755



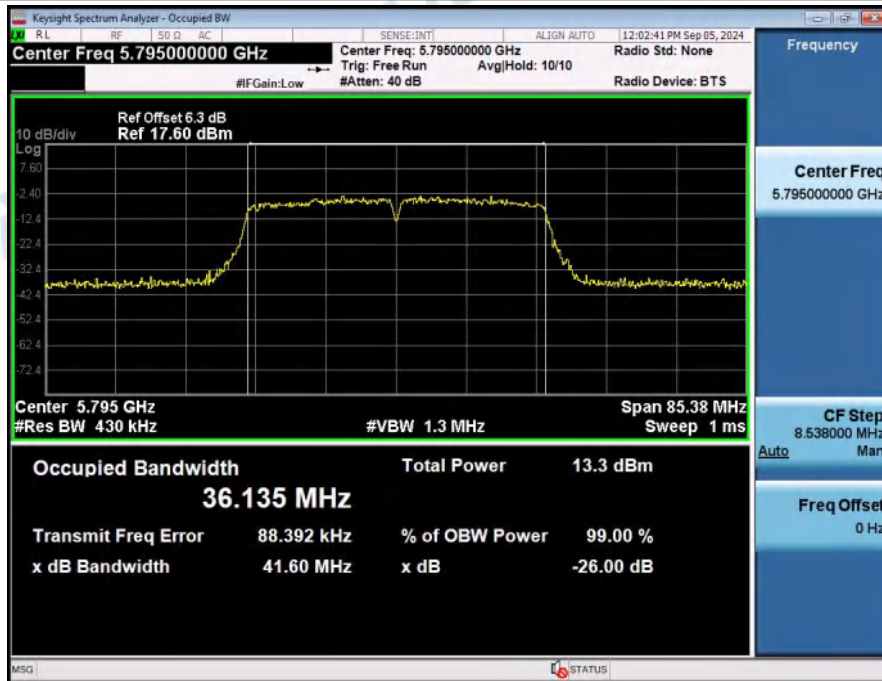
-26BW_NVNT_ANT1_802_11ac(VHT40)_5755



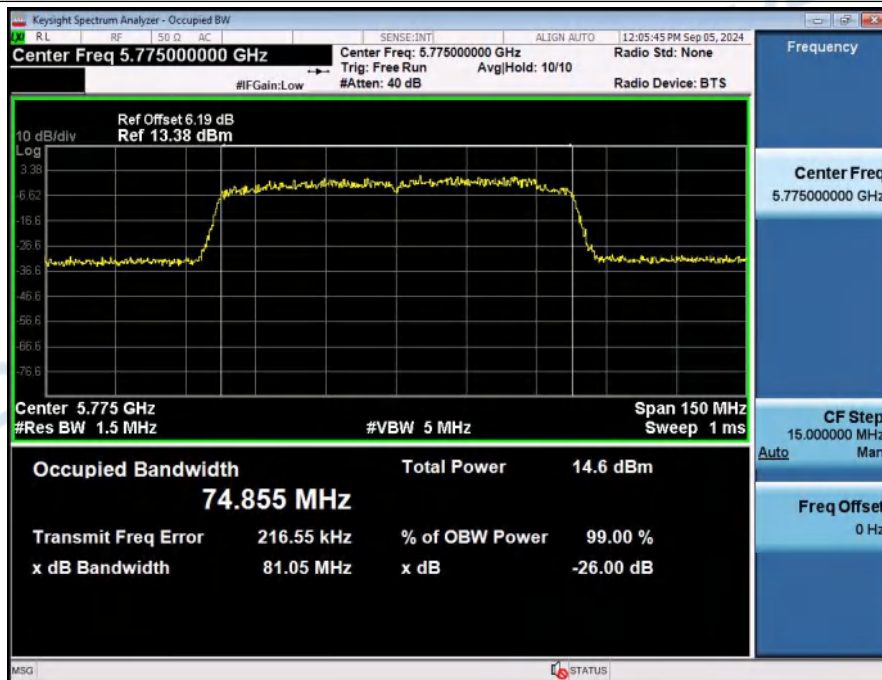
99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795



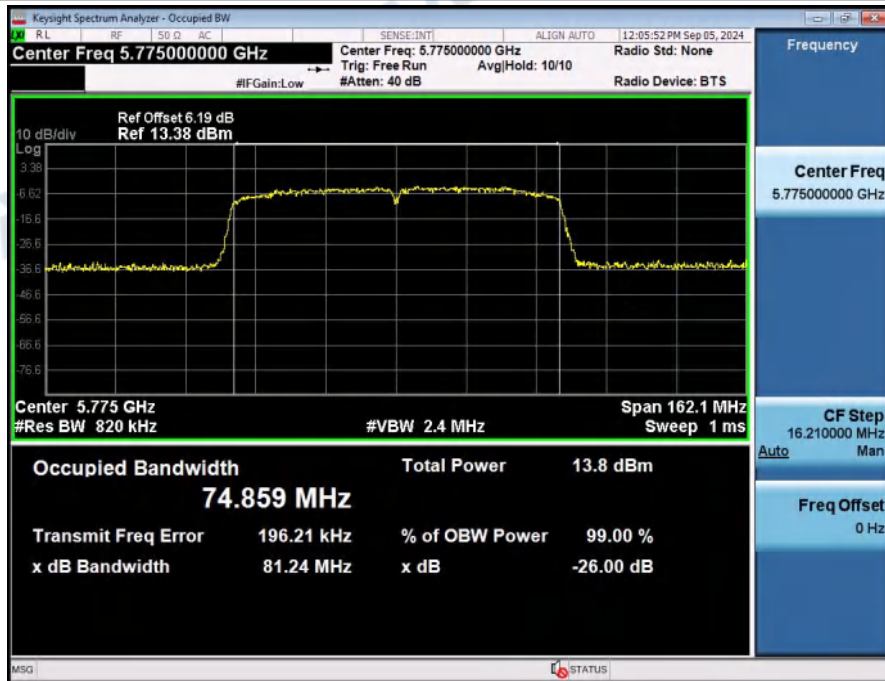
-26BW_NVNT_ANT1_802_11ac(VHT40)_5795



99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775



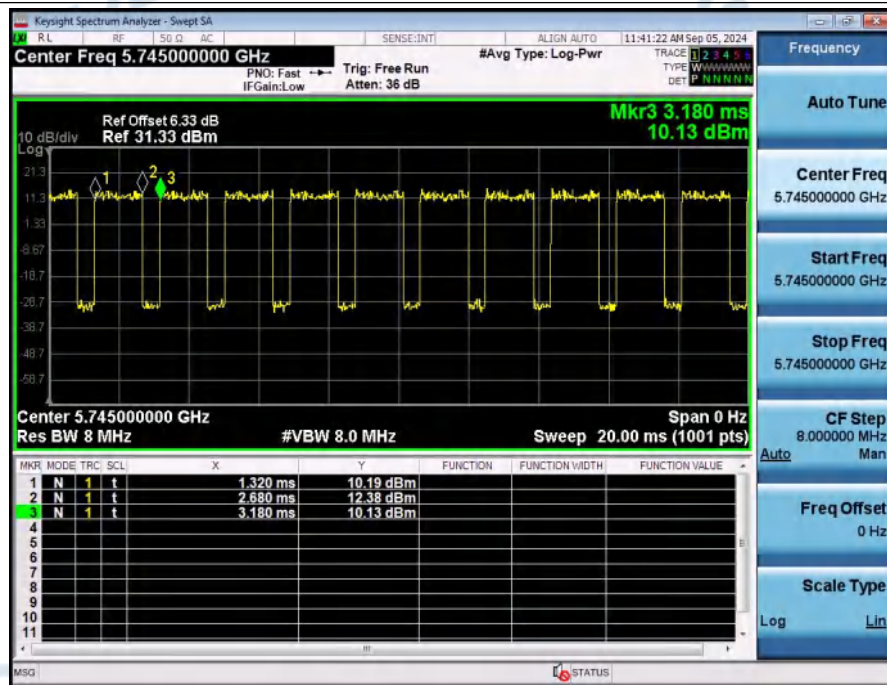
-26BW_NVNT_ANT1_802_11ac(VHT80)_5775



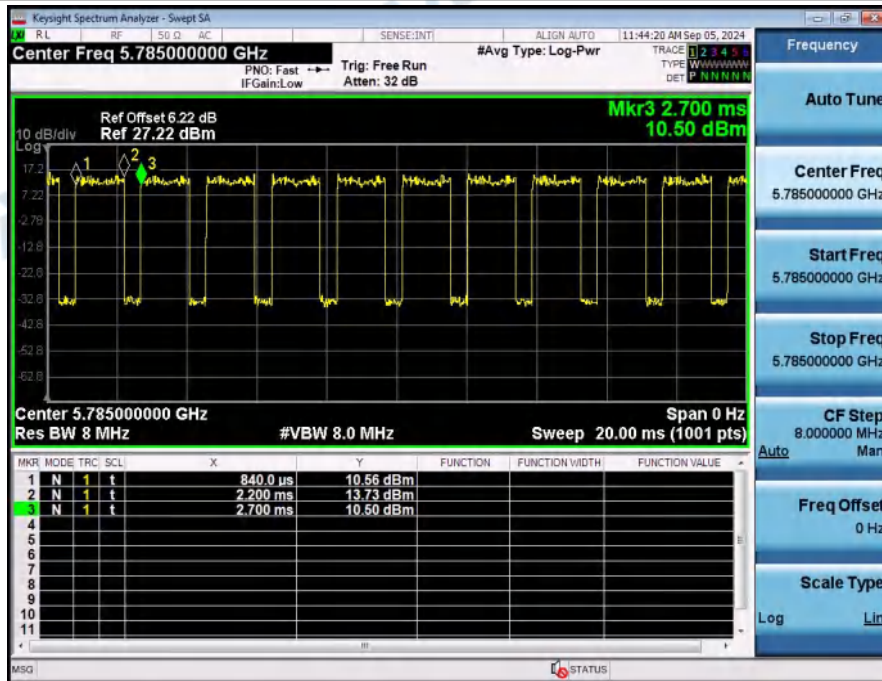
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	73.12	1.36
NVNT	ANT1	802.11a	5785.00	73.12	1.36
NVNT	ANT1	802.11a	5825.00	73.12	1.36
NVNT	ANT1	802.11ac(VHT20)	5745.00	71.59	1.45
NVNT	ANT1	802.11ac(VHT20)	5785.00	71.91	1.43
NVNT	ANT1	802.11ac(VHT20)	5825.00	71.59	1.45
NVNT	ANT1	802.11ac(VHT40)	5755.00	54.39	2.65
NVNT	ANT1	802.11ac(VHT40)	5795.00	55.36	2.57
NVNT	ANT1	802.11ac(VHT80)	5775.00	39.02	4.09

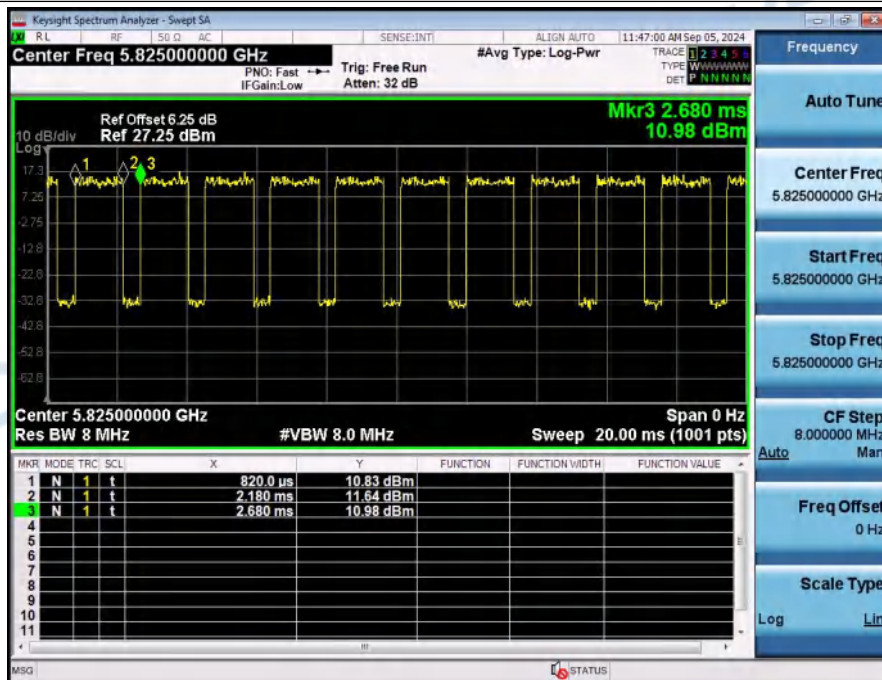
Duty_Cycle_NVNT_ANT1_802_11a_5745



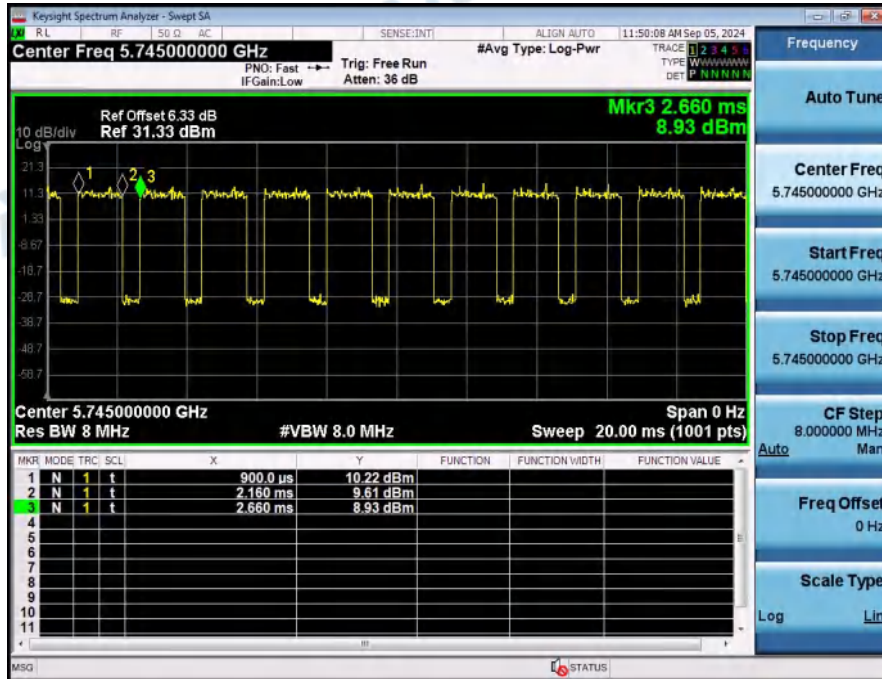
Duty_Cycle_NVNT_ANT1_802_11a_5785



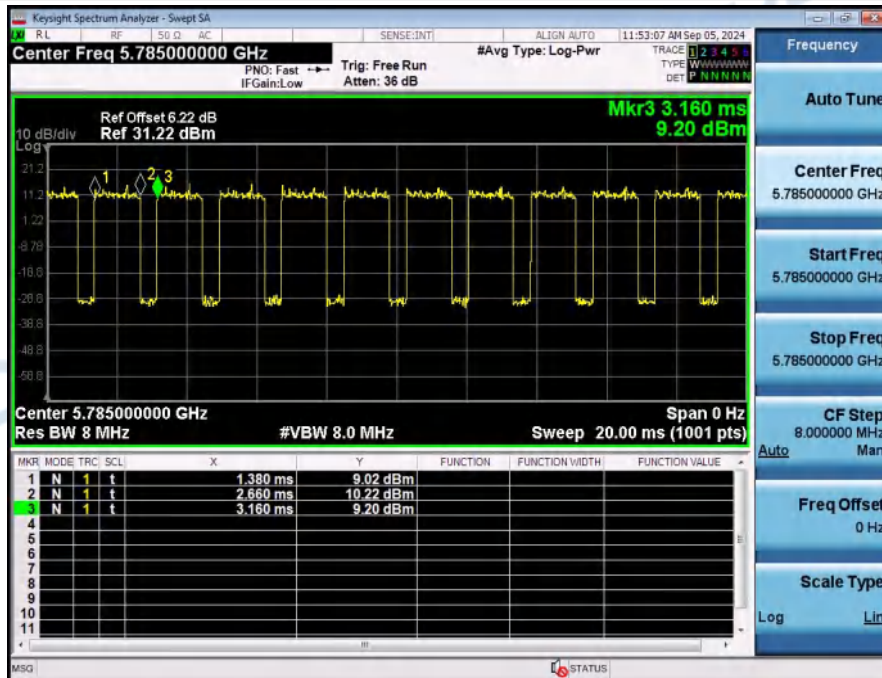
Duty_Cycle_NVNT_ANT1_802_11a_5825



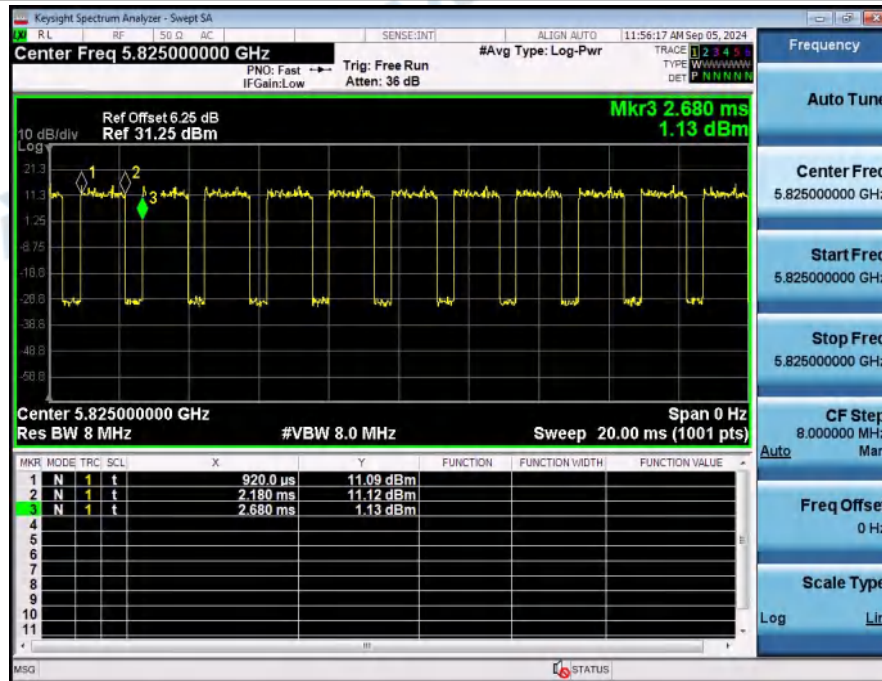
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5745



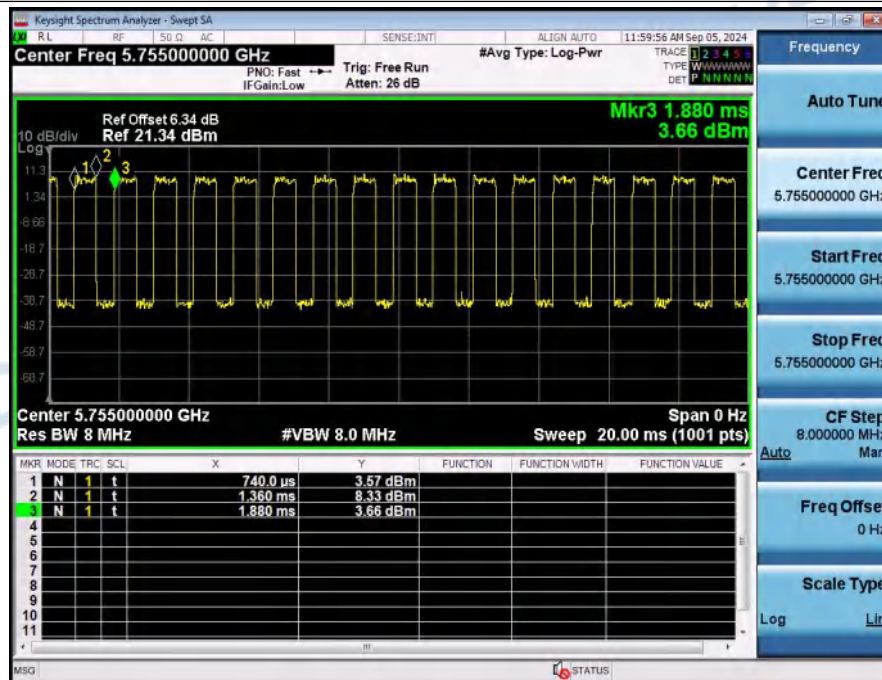
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5785



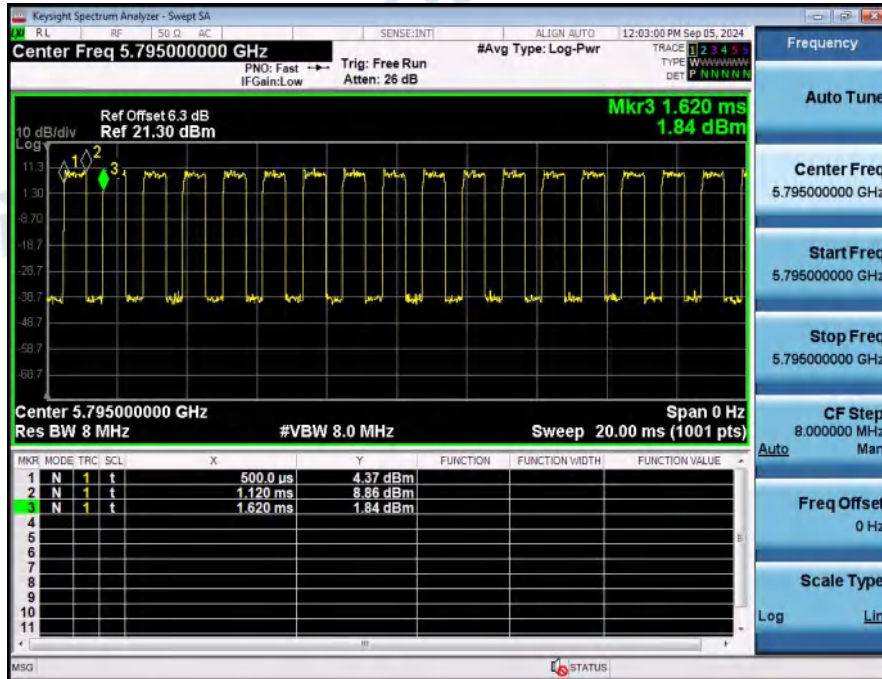
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5825



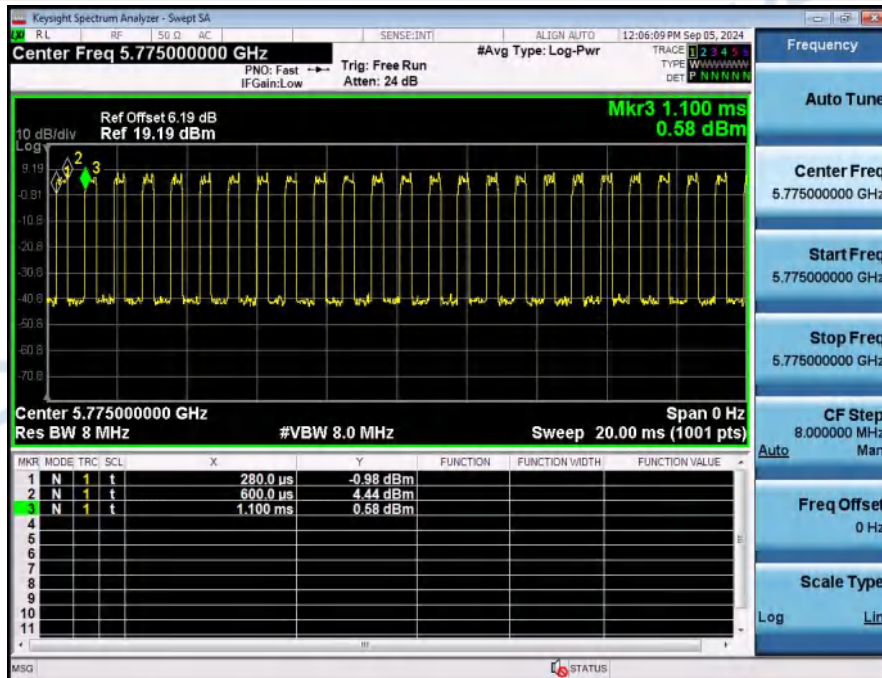
Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5755



Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5795



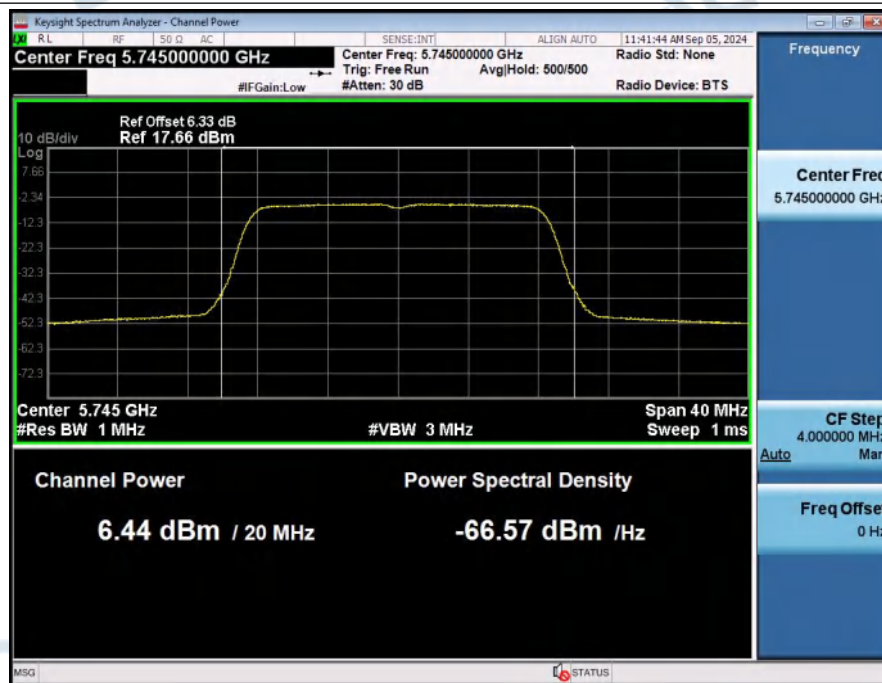
Duty_Cycle_NVNT_ANT1_802_11ac(VHT80)_5775



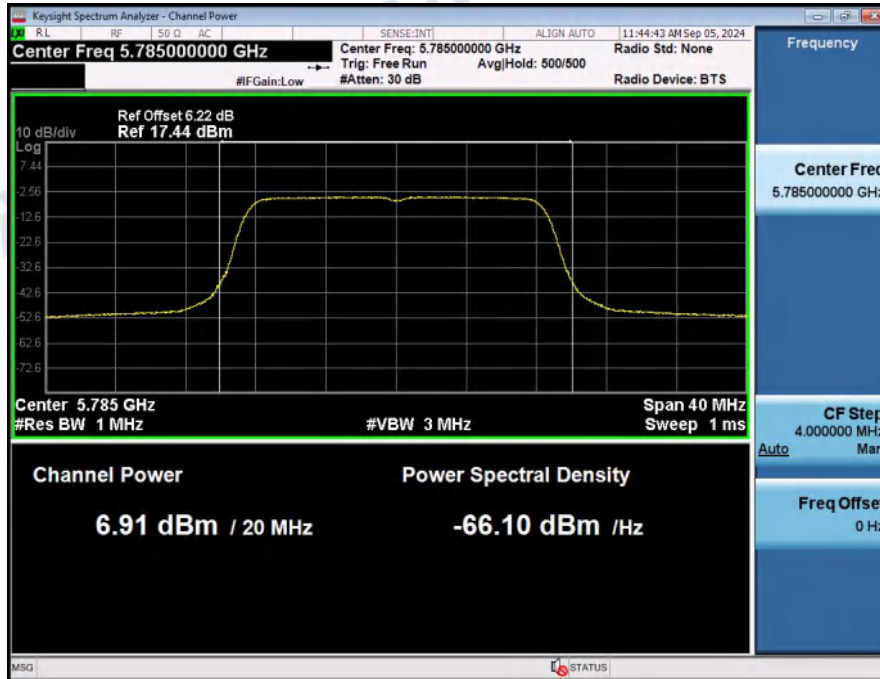
4. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	6.44	1.36	7.80	30	Pass
NVNT	ANT1	802.11a	5785.00	6.91	1.36	8.27	30	Pass
NVNT	ANT1	802.11a	5825.00	7.38	1.36	8.74	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	5.13	1.45	6.58	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	5.69	1.43	7.12	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	6.29	1.45	7.74	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	4.03	2.65	6.68	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	4.62	2.57	7.19	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	2.77	4.09	6.86	30	Pass

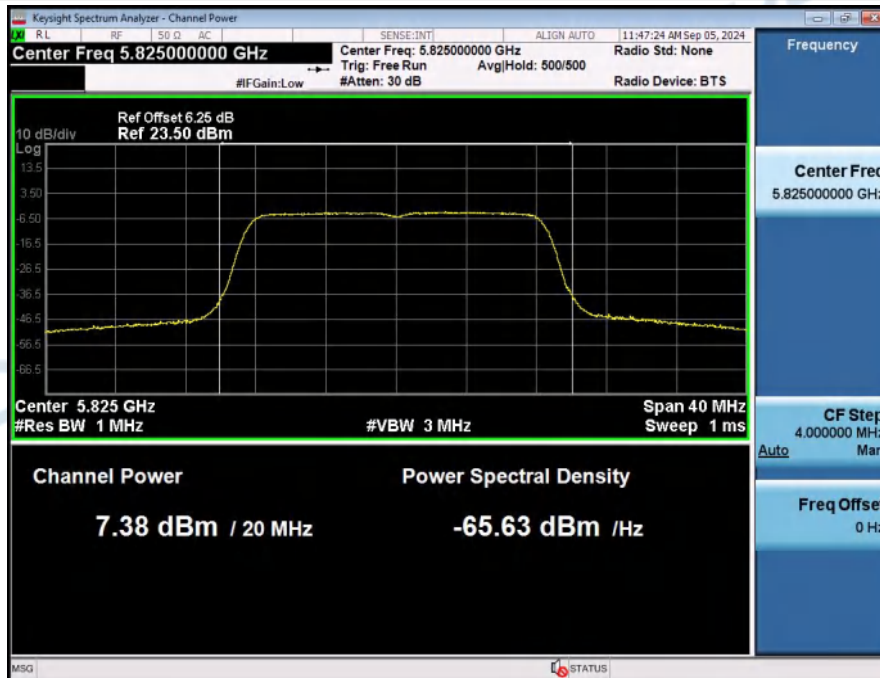
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5745



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785



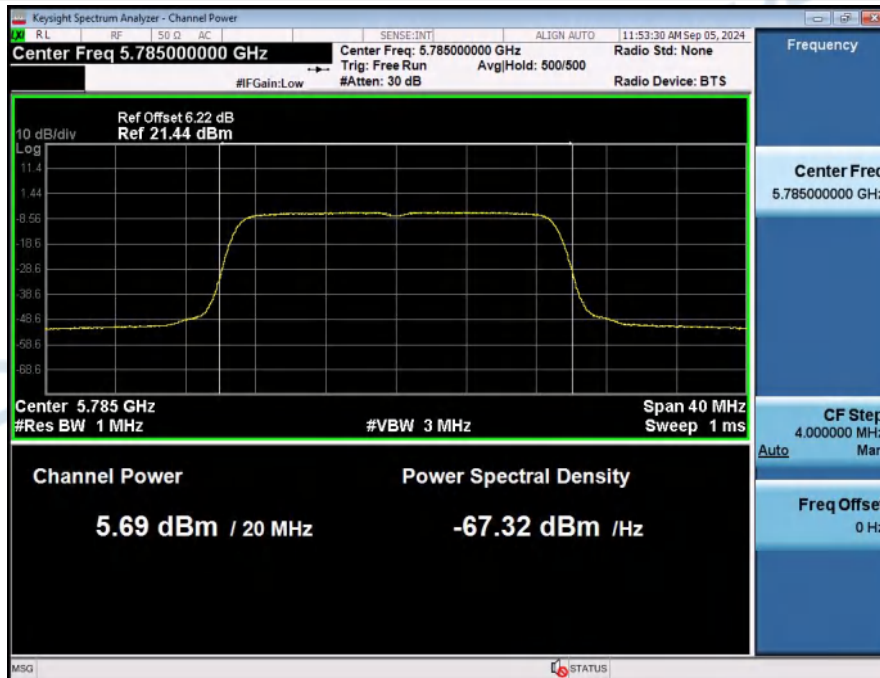
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5825



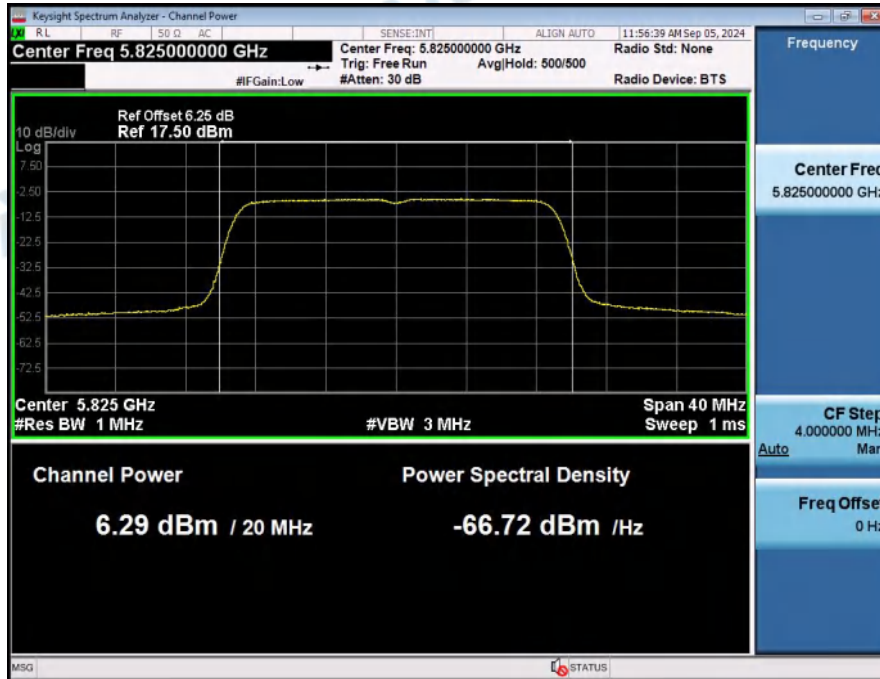
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5745



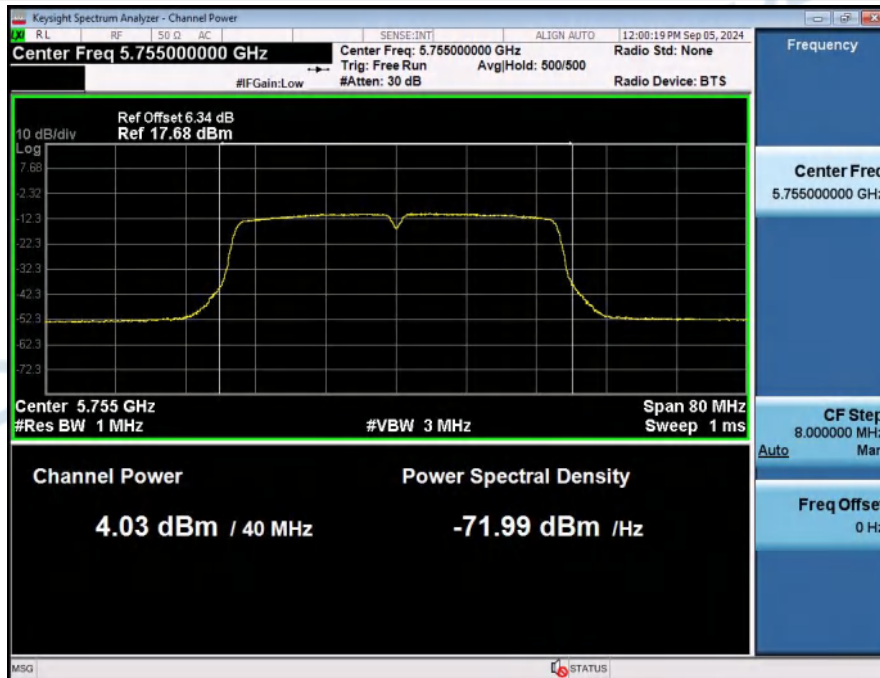
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5785



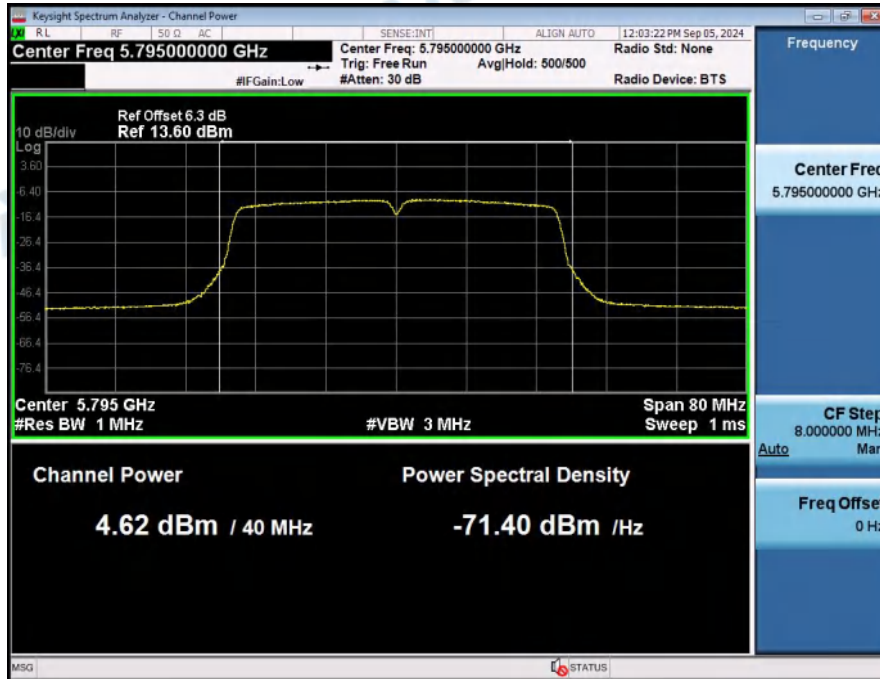
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5825



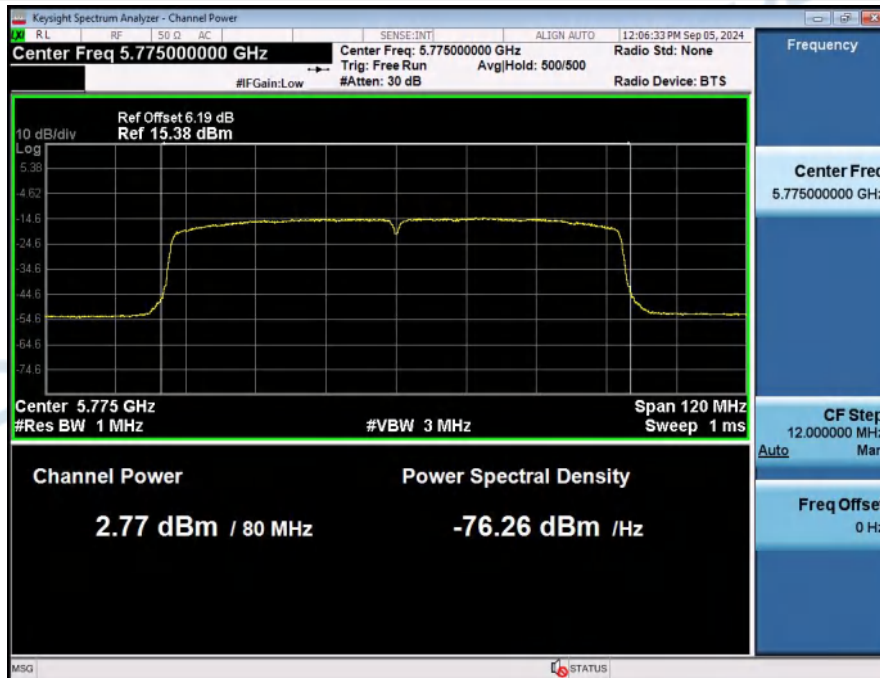
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5755



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5795



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT80)_5775



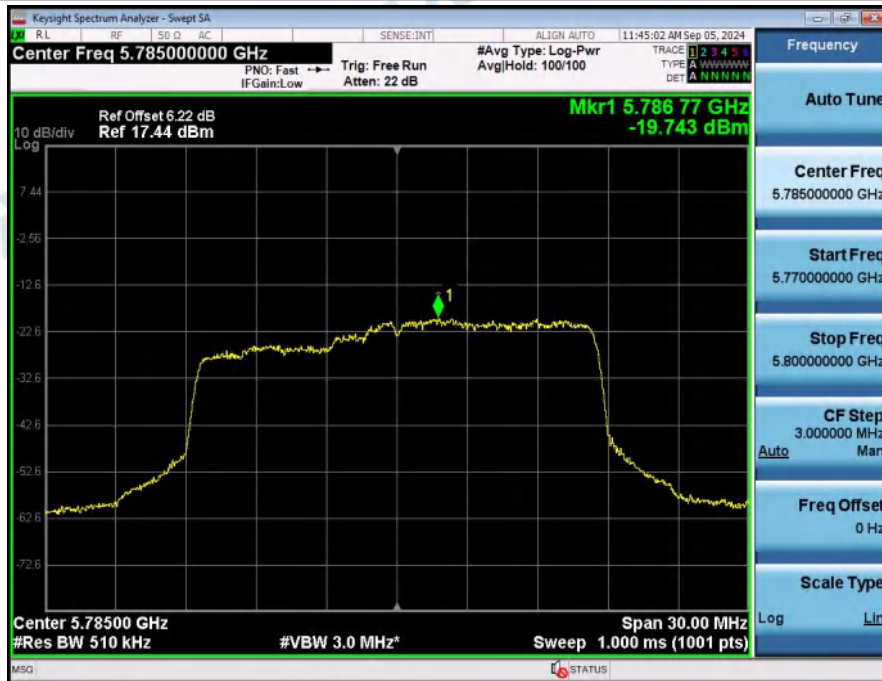
5. Power Spectral Density

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	-17.53	1.36	-0	-16.25	30	Pass
NVNT	ANT1	802.11a	5785.00	-19.74	1.36	-0	-18.47	30	Pass
NVNT	ANT1	802.11a	5825.00	-18.83	1.36	-0	-17.56	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-24.33	1.45	-0	-22.96	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-25.39	1.43	-0	-24.05	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-23.89	1.45	-0	-22.52	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-37.27	2.65	-0	-34.71	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-34.04	2.57	-0	-31.56	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-46.78	4.09	-0	-42.77	30	Pass

Power_Spectral_Density_NVNT_ANT1_802_11a_5745



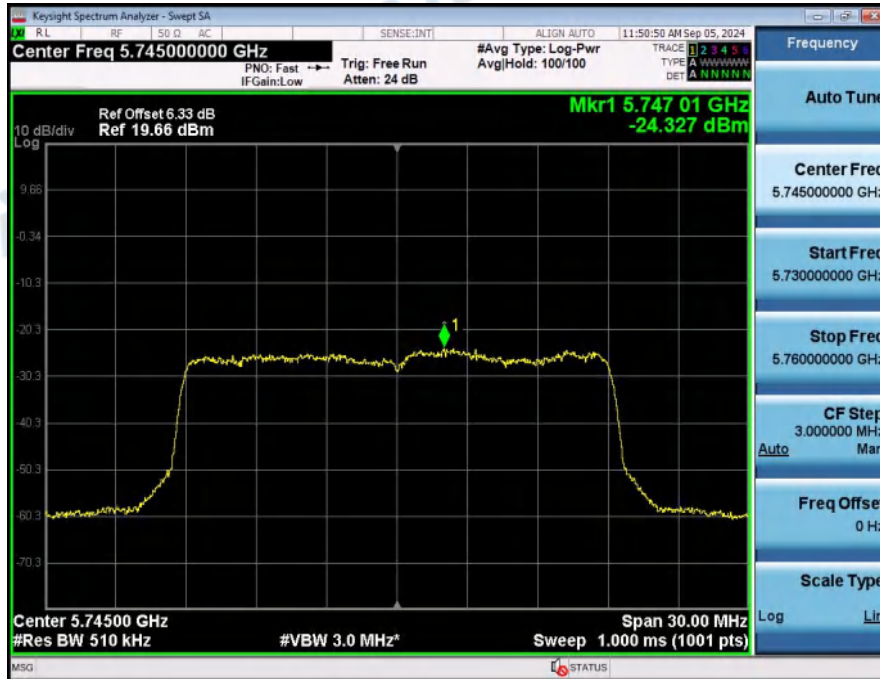
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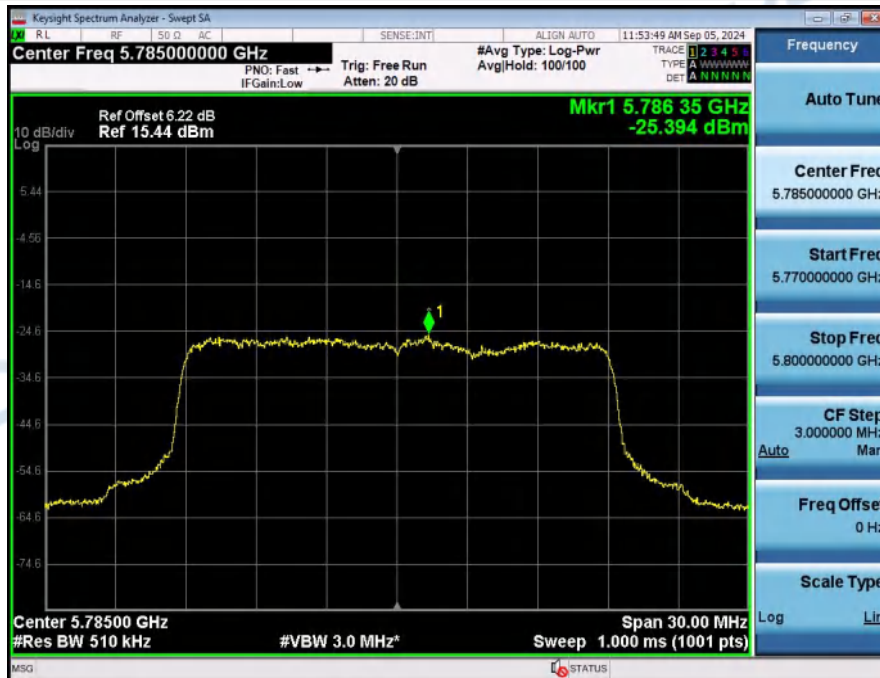
Power_Spectral_Density_NVNT_ANT1_802_11a_5825



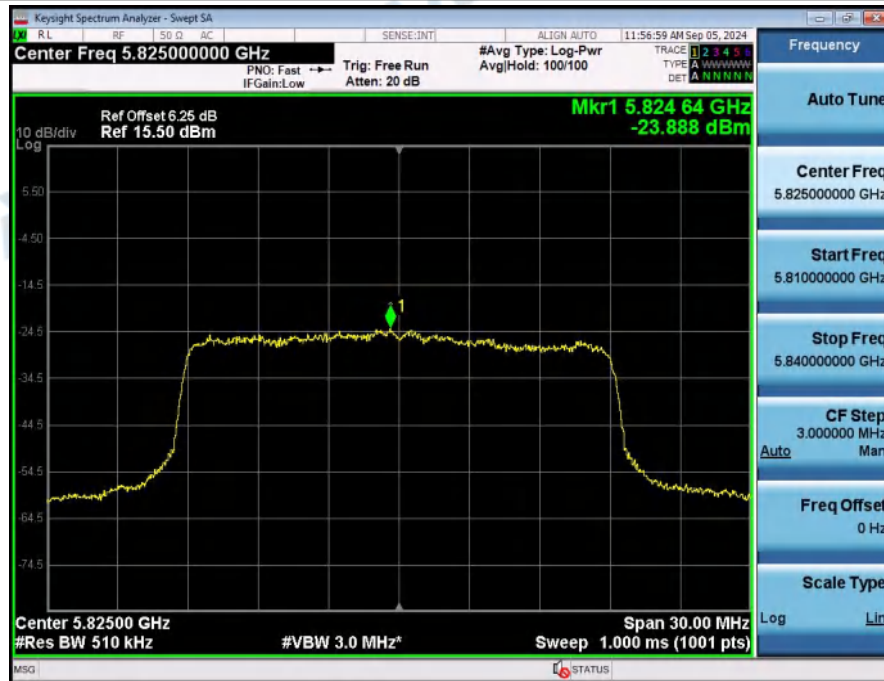
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5745



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5785



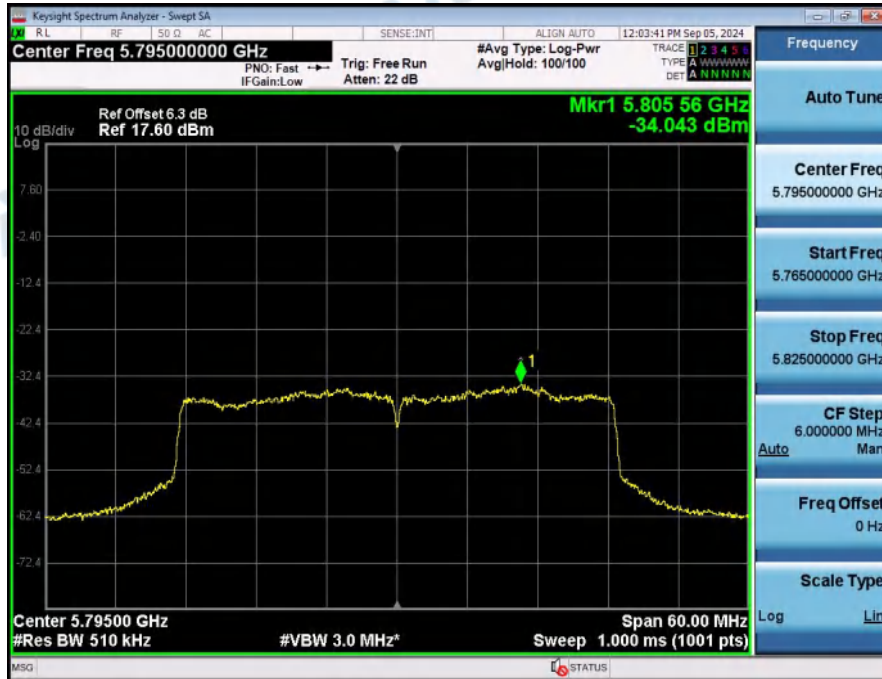
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5825



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5755



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5795



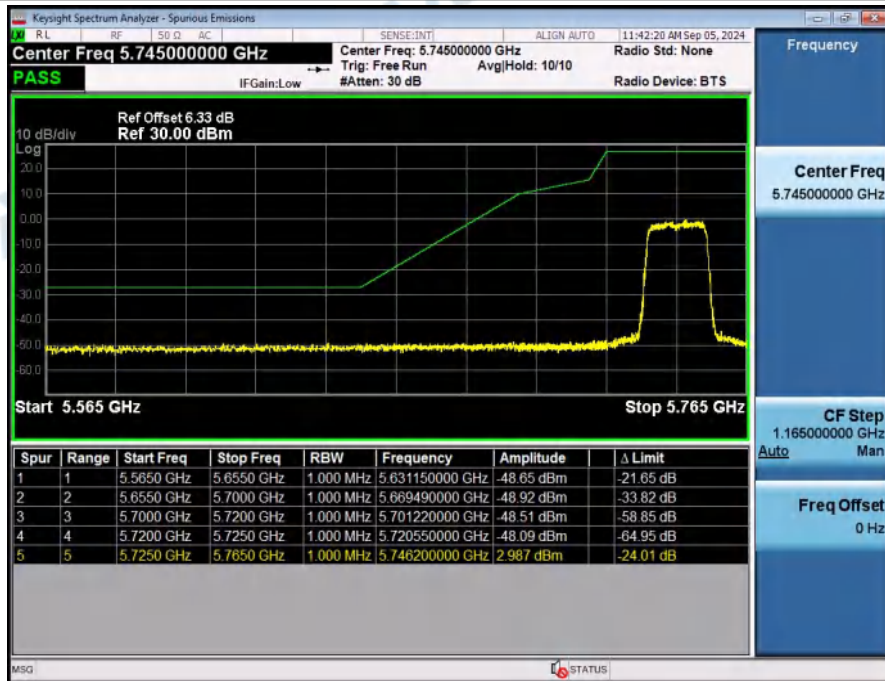
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775



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	5631.150	-48.65	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5669.490	-48.92	-15.09	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5701.220	-48.51	10.34	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5720.550	-48.09	16.85	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5854.650	-47.60	16.40	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5871.160	-47.92	11.08	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5917.255	-48.62	-24.74	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5982.220	-42.99	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5627.370	-48.80	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5658.105	-48.60	-24.45	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5700.740	-48.54	10.21	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5721.370	-47.35	18.72	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5854.580	-47.83	16.56	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5873.920	-47.91	10.30	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5899.480	-48.46	-10.13	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5930.710	-44.46	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5651.760	-48.89	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5661.885	-48.46	-21.34	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5704.420	-48.43	11.24	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5720.265	-47.92	16.20	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5854.455	-47.68	16.84	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5872.320	-47.83	10.75	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5919.640	-47.97	-26.70	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5944.780	-43.89	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5650-5655	5654.255	-48.36	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5655-5700	5671.830	-48.34	-13.16	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5700-5720	5704.260	-48.73	11.19	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5720-5725	5720.385	-48.25	16.48	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5850-5855	5854.290	-46.54	17.22	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5855-5875	5871.020	-48.17	11.11	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5875-5920	5906.770	-48.12	-16.12	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5920-5925	5923.785	-44.37	-27.00	Pass

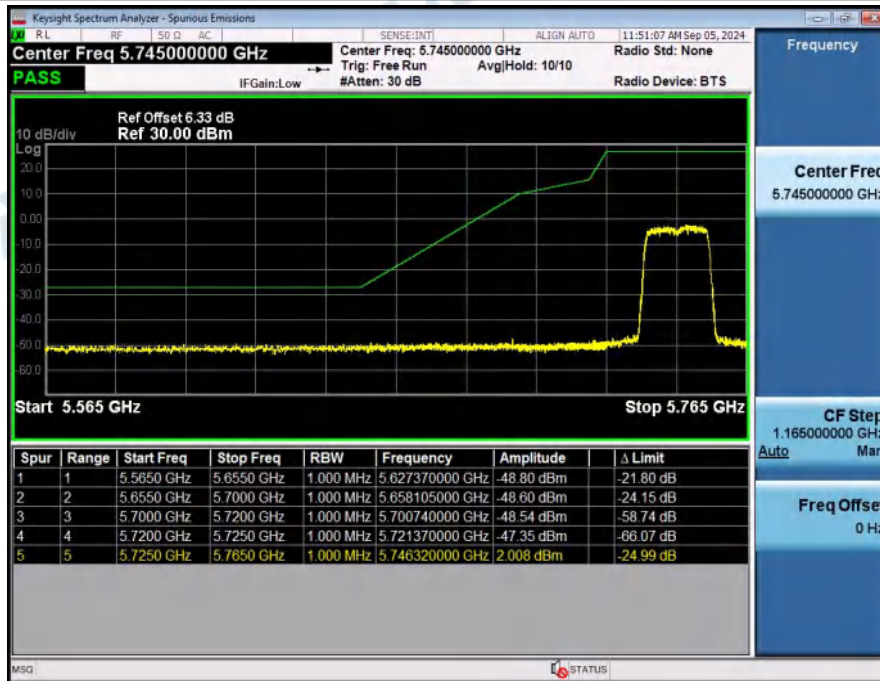
Bandedge_NVNT_ANT1_802_11a_5745



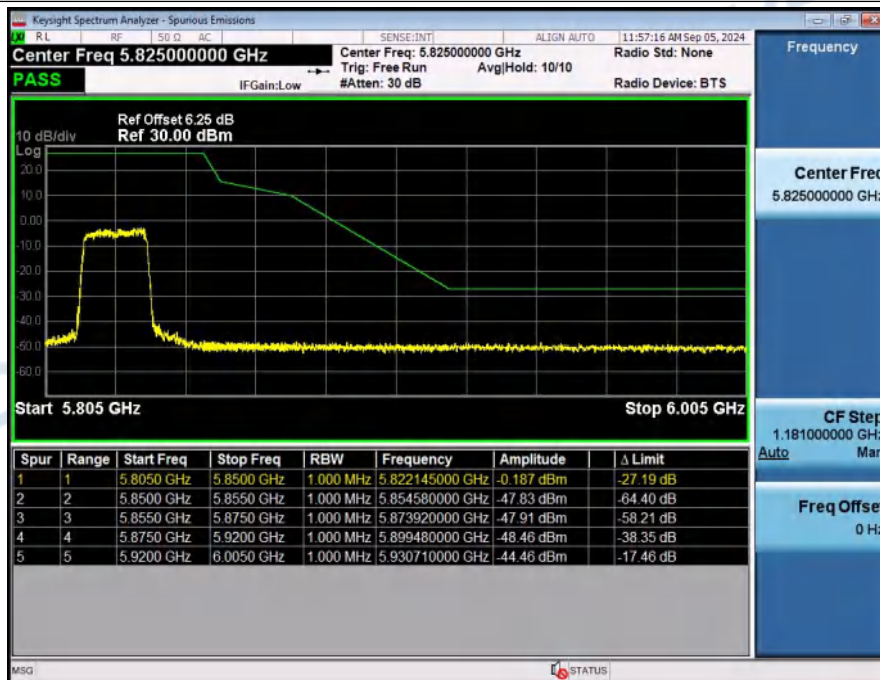
Bandedge_NVNT_ANT1_802_11a_5825



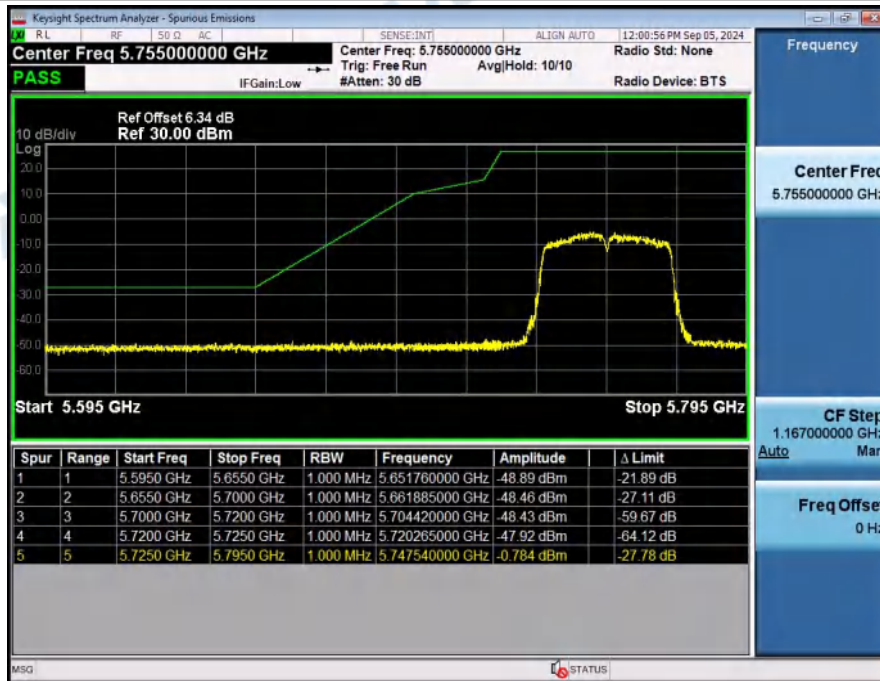
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5745



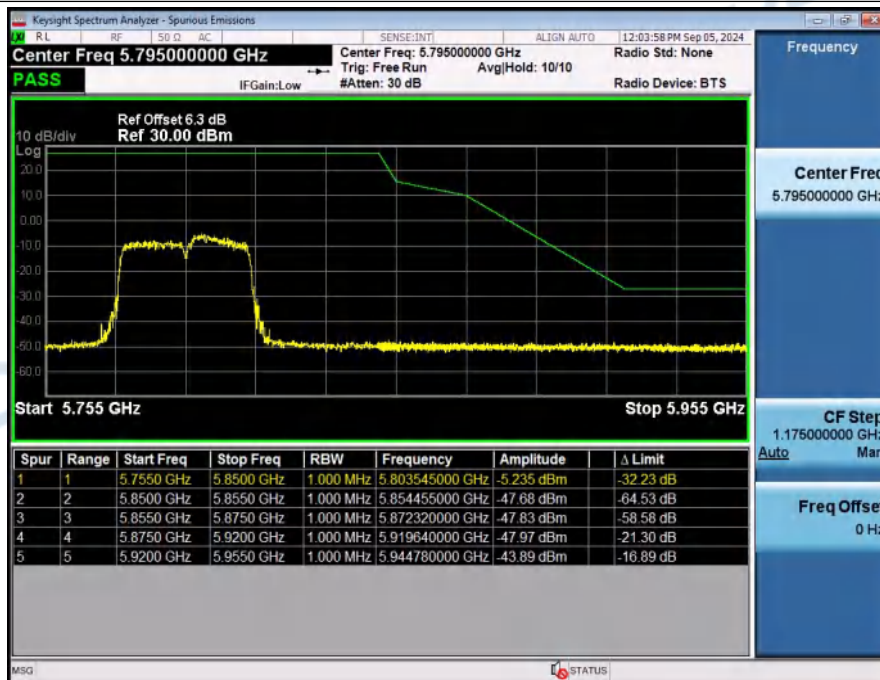
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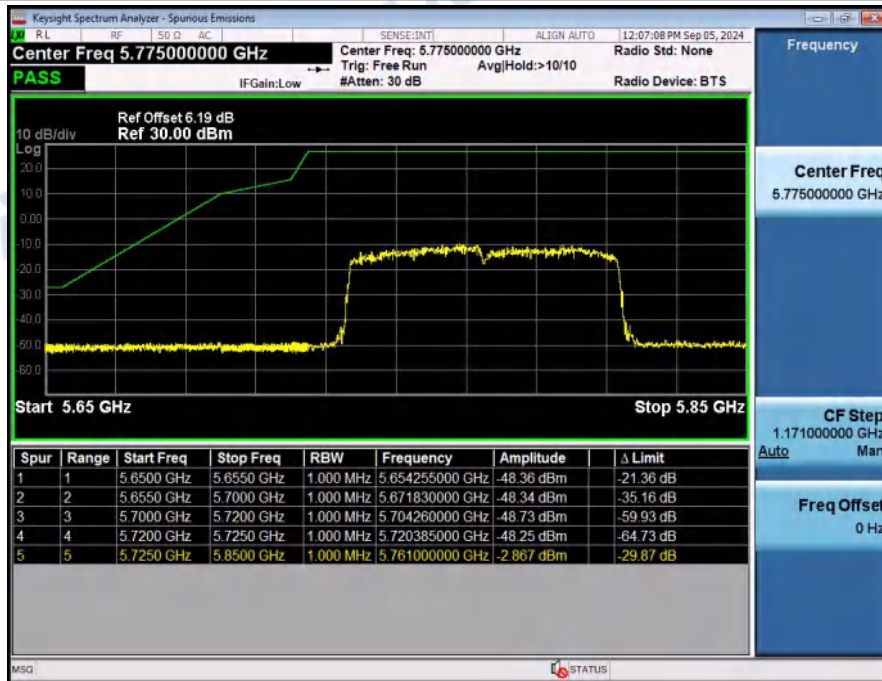
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5755



Bandedge_NVNT_ANT1_802_11ac(VHT40)_5795



Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_low



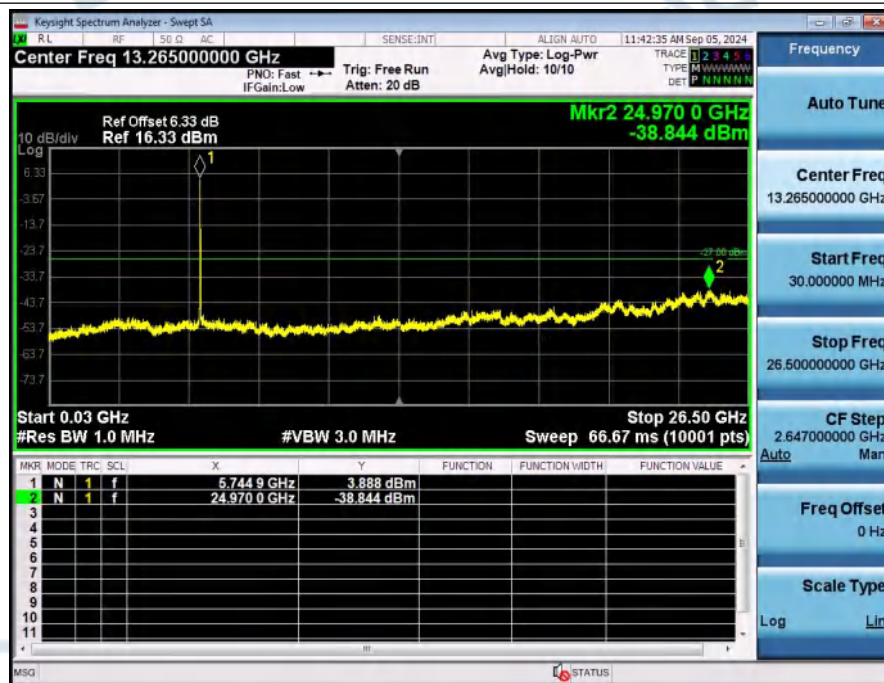
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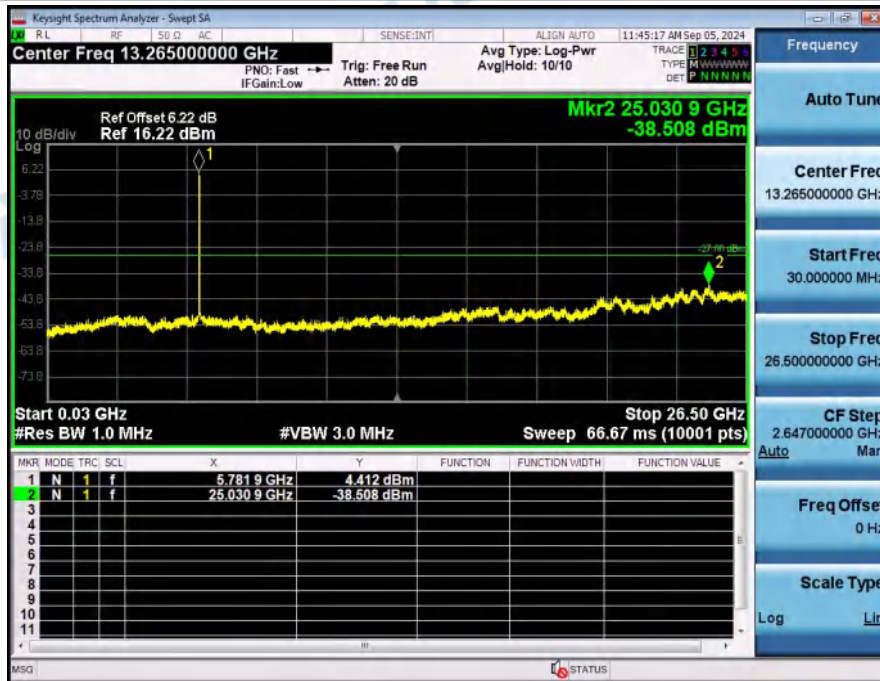
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	24970.03	-38.84	-27	Pass
NVNT	ANT1	802.11a	5785.00	25030.92	-38.51	-27	Pass
NVNT	ANT1	802.11a	5825.00	25015.03	-38.50	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	25038.86	-37.59	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	24927.68	-38.68	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	24948.86	-38.89	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	24535.93	-38.46	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	24940.92	-38.46	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	25017.68	-39.42	-27	Pass

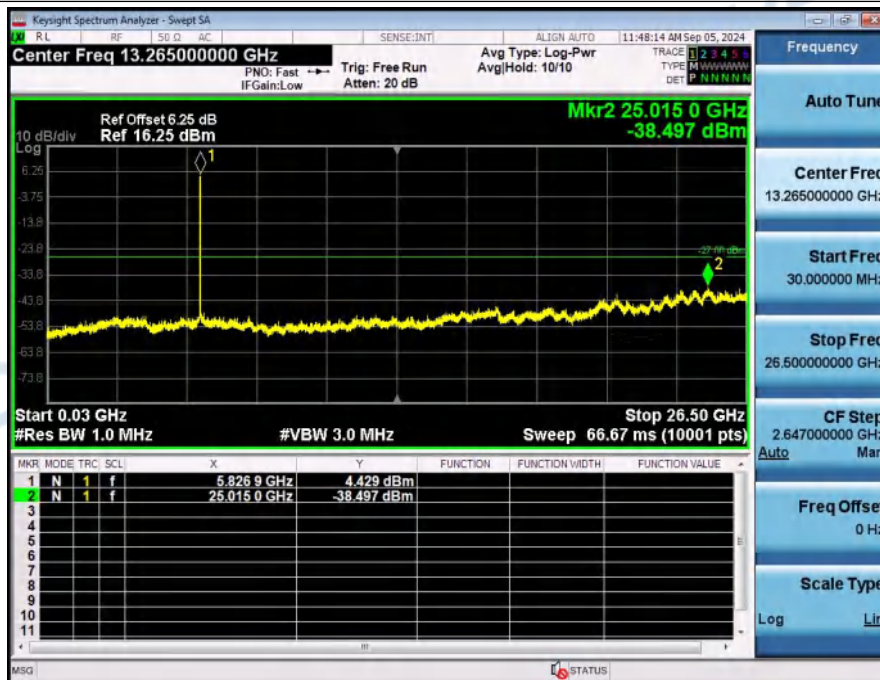
Spurious_Emission_NVNT_ANT1_802_11a_5745



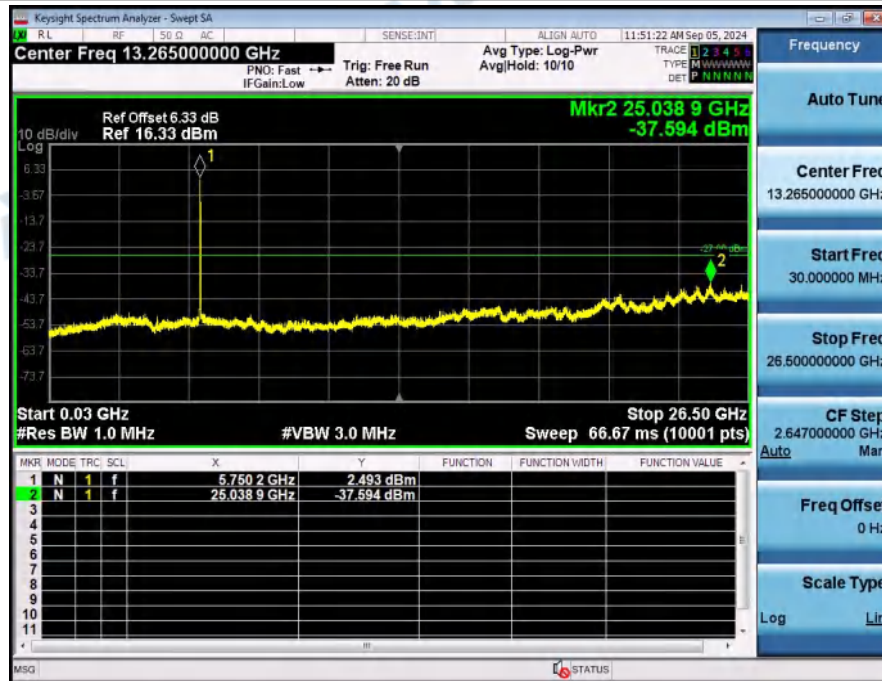
Spurious_Emission_NVNT_ANT1_802_11a_5785



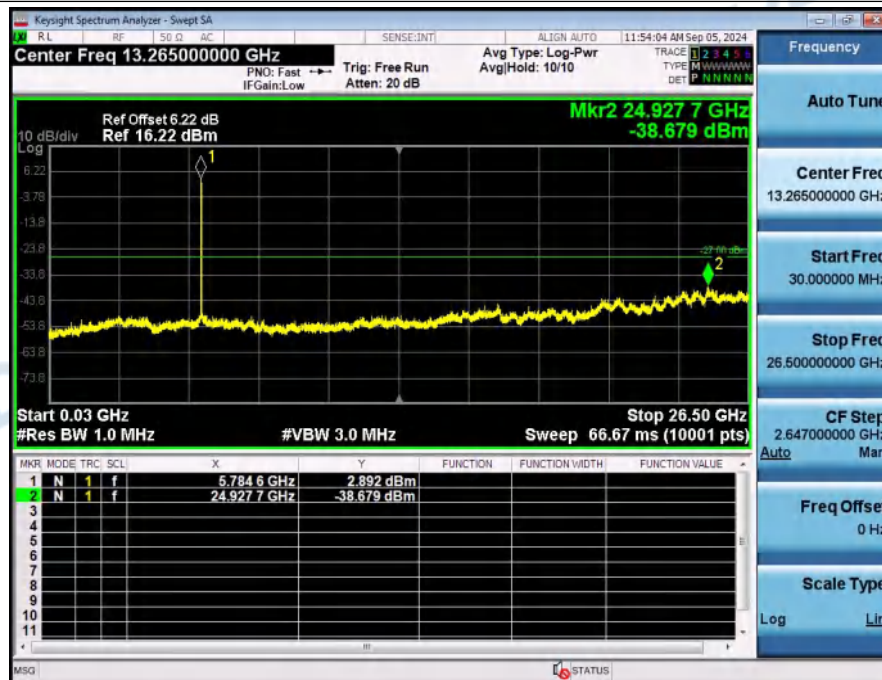
Spurious_Emission_NVNT_ANT1_802_11a_5825



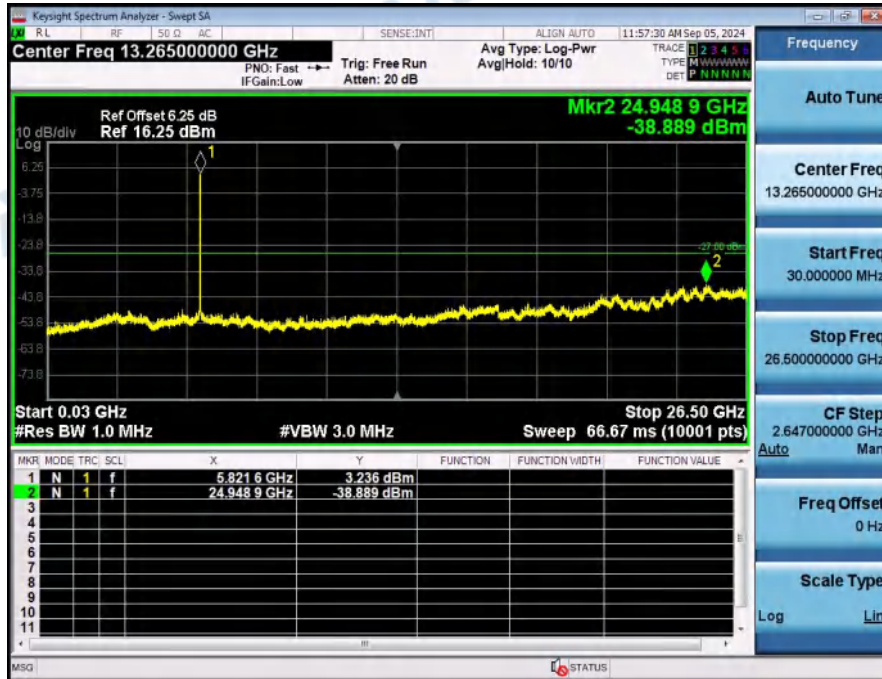
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5745



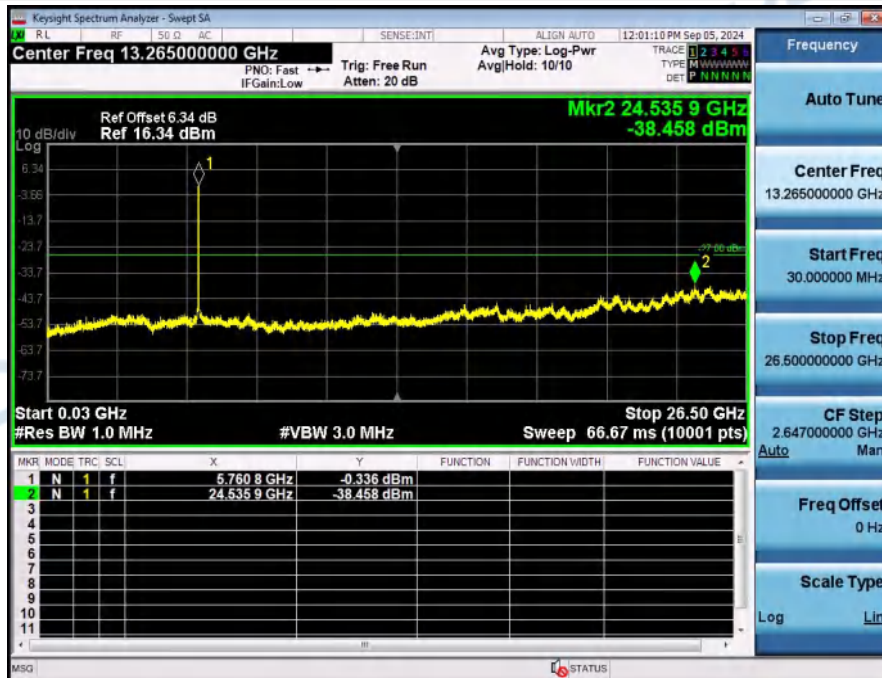
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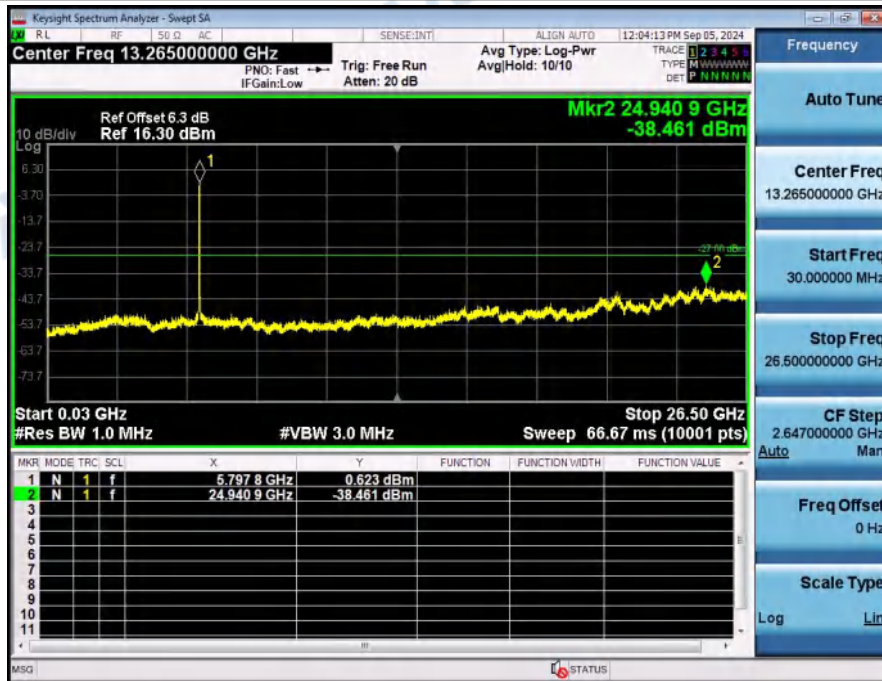
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5825



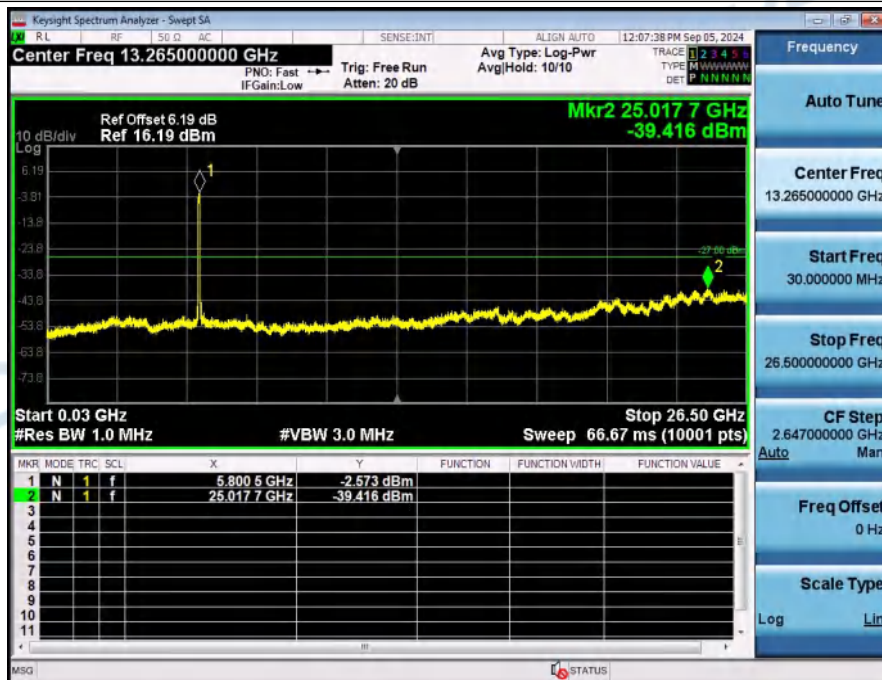
Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5755



Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5795



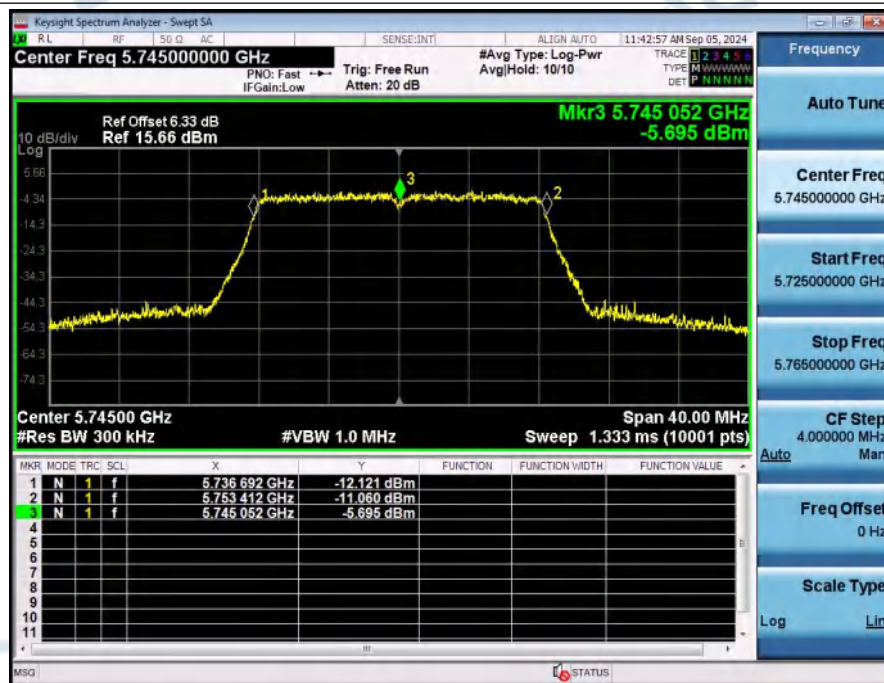
Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_5775



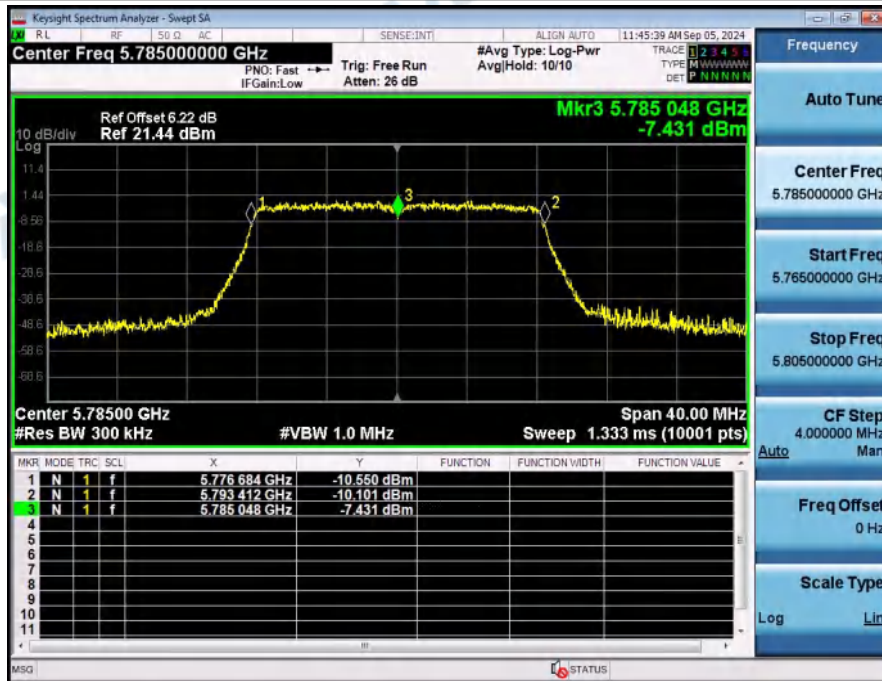
8. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	5745.052	5736.692	5753.412	5725~5850	Pass
NVNT	ANT1	802.11a	5785.00	5785.048	5776.684	5793.412	5725~5850	Pass
NVNT	ANT1	802.11a	5825.00	5825.044	5816.688	5833.400	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	5745.030	5736.116	5753.944	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	5785.038	5776.112	5793.964	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	5825.024	5816.100	5833.948	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	5755.048	5736.856	5773.240	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	5795.052	5776.856	5813.248	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	5775.114	5737.332	5812.896	5725~5850	Pass

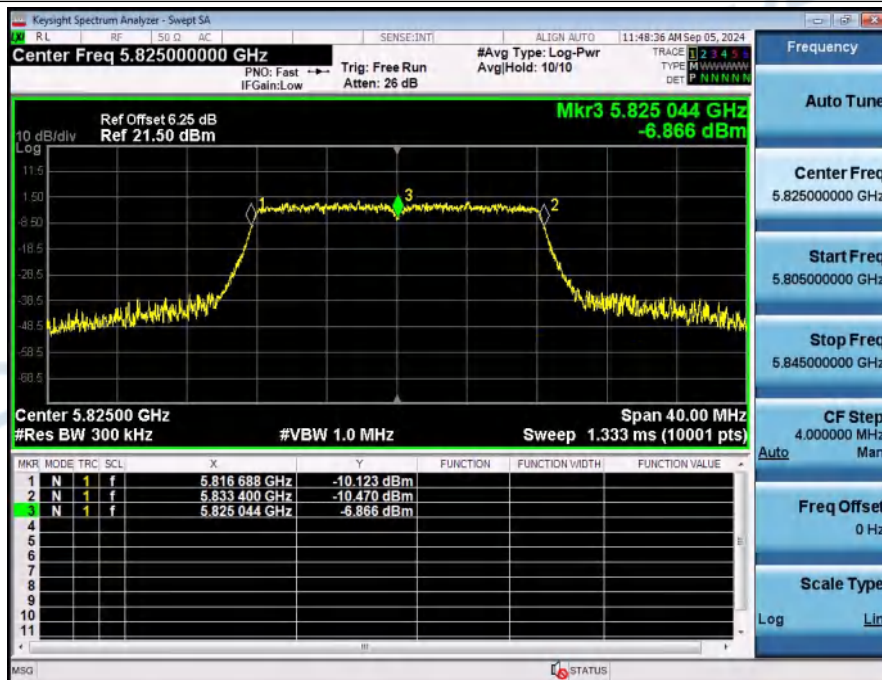
Frequency_Stability_NVNT_ANT1_802_11a_5745



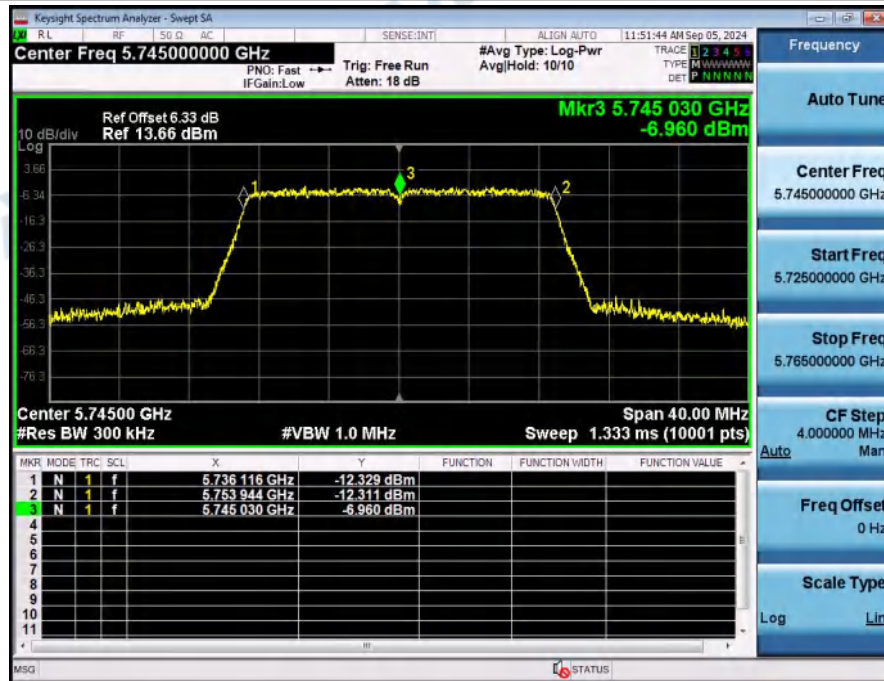
Frequency_Stability_NVNT_ANT1_802_11a_5785



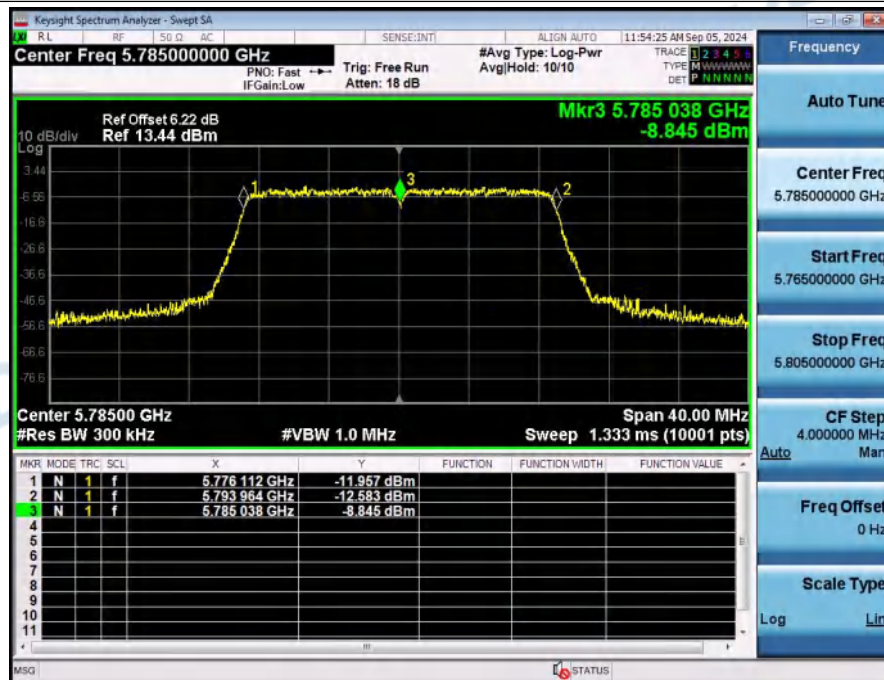
Frequency_Stability_NVNT_ANT1_802_11a_5825



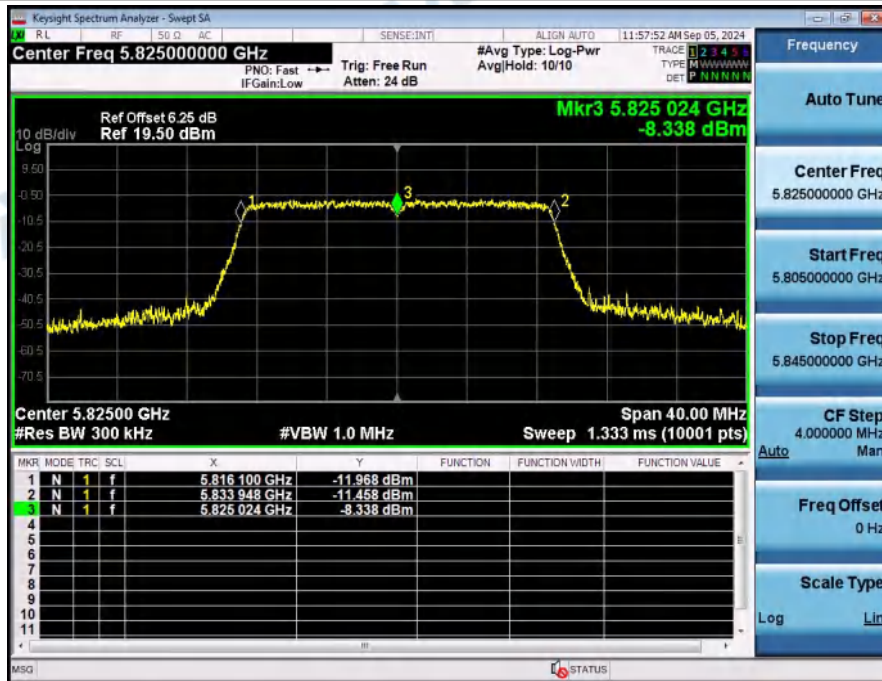
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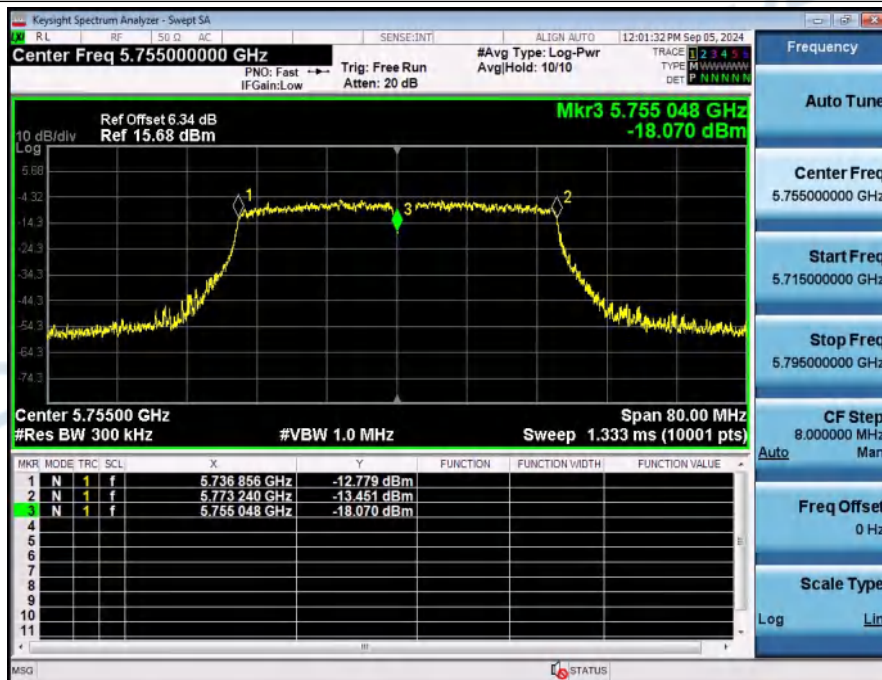
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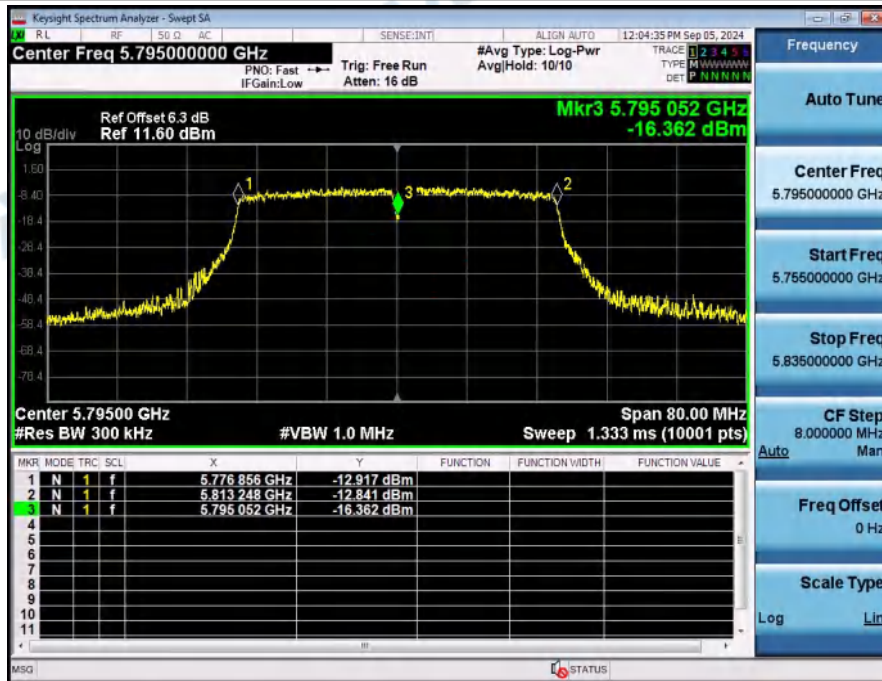
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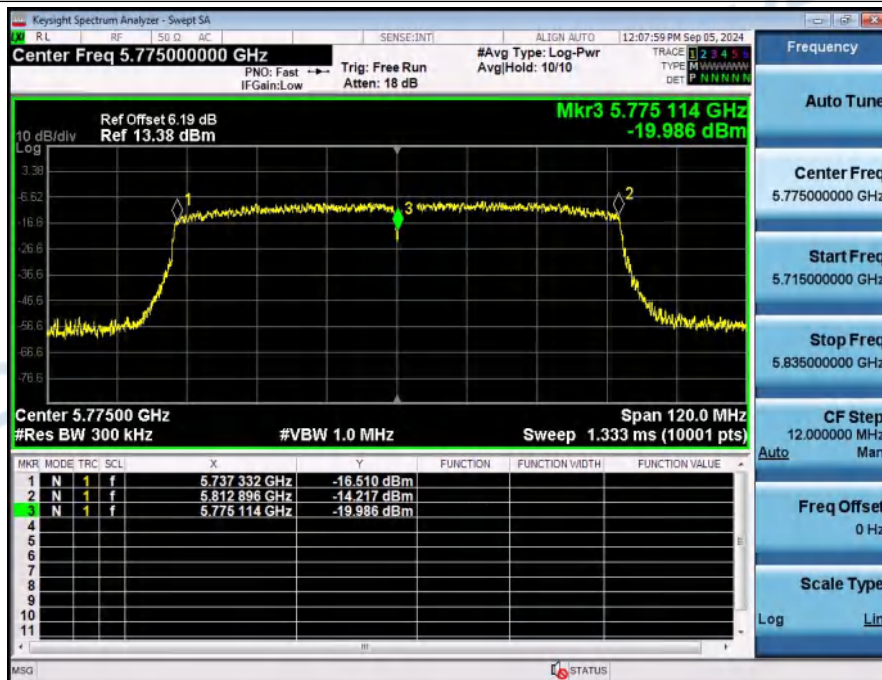
Frequency_Stability_NVNT_ANT1_802_11ac(VHT40)_5755



Frequency_Stability_NVNT_ANT1_802_11ac(VHT40)_5795



Frequency_Stability_NVNT_ANT1_802_11ac(VHT80)_5775



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