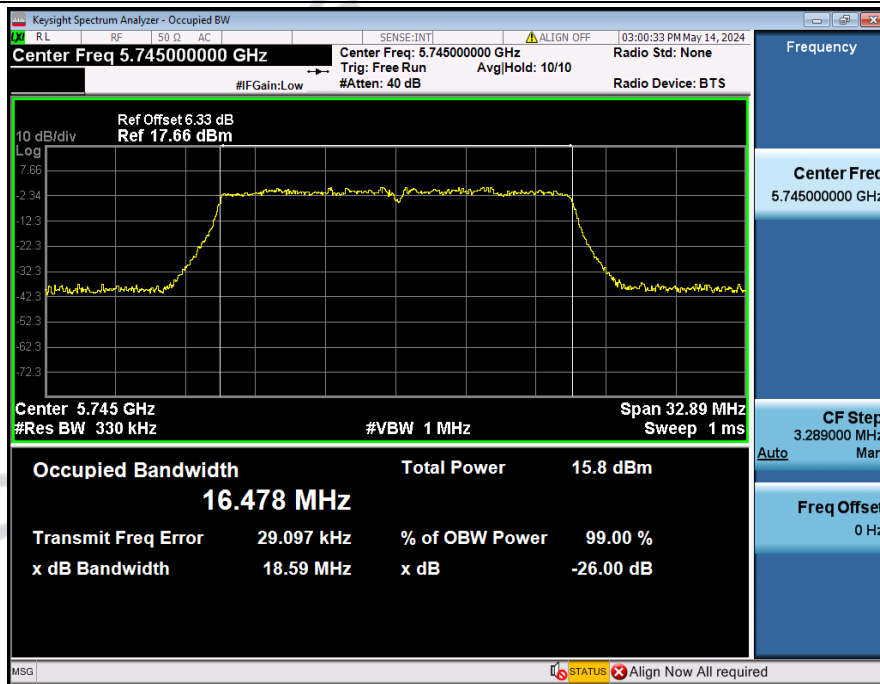


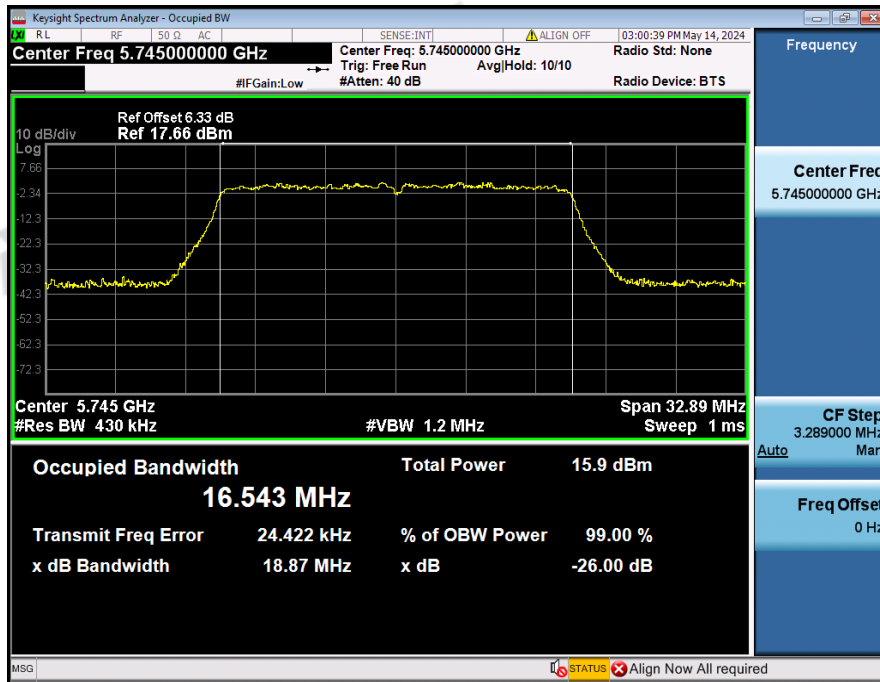
2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	18.87	16.48
NVNT	ANT1	802.11a	5785.00	18.82	16.50
NVNT	ANT1	802.11a	5825.00	18.82	16.50
NVNT	ANT1	802.11n(HT20)	5745.00	19.67	17.67
NVNT	ANT1	802.11n(HT20)	5785.00	19.77	17.67
NVNT	ANT1	802.11n(HT20)	5825.00	19.75	17.66
NVNT	ANT1	802.11ac(VHT20)	5745.00	19.90	17.59
NVNT	ANT1	802.11ac(VHT20)	5785.00	19.82	17.62
NVNT	ANT1	802.11ac(VHT20)	5825.00	19.92	17.60
NVNT	ANT1	802.11n(HT40)	5755.00	42.48	36.33
NVNT	ANT1	802.11n(HT40)	5795.00	42.12	36.36
NVNT	ANT1	802.11ac(VHT40)	5755.00	43.09	36.35
NVNT	ANT1	802.11ac(VHT40)	5795.00	42.89	36.35
NVNT	ANT1	802.11ac(VHT80)	5775.00	82.21	74.86

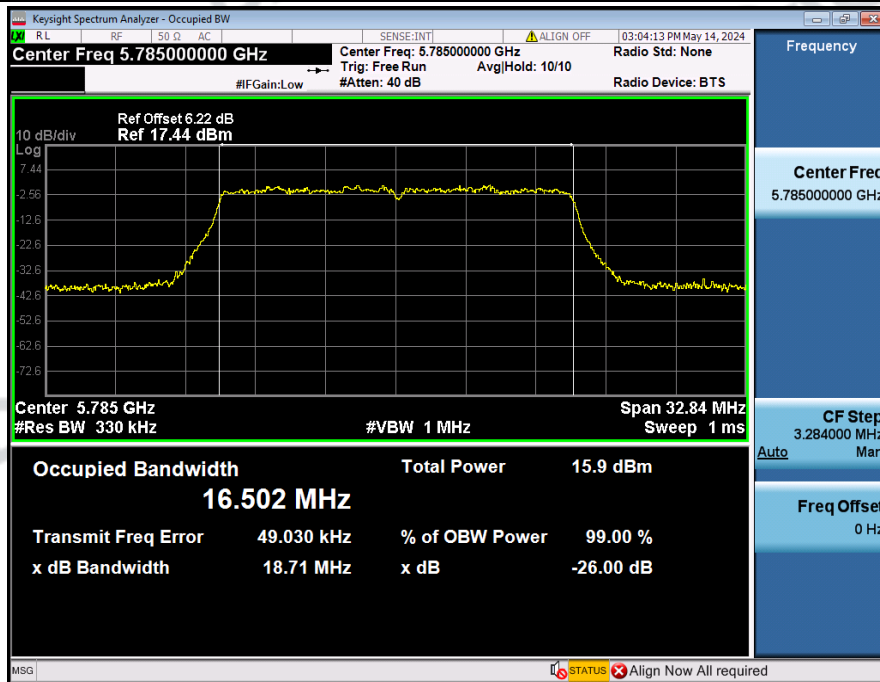
99%_OCB_NVNT_ANT1_802_11a_5745



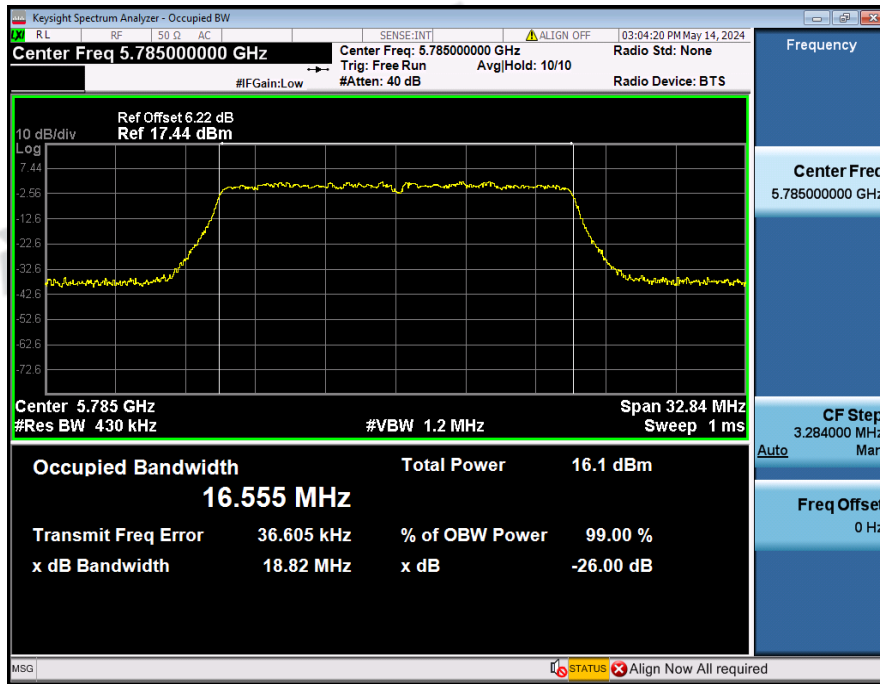
-26BW_NVNT_ANT1_802_11a_5745



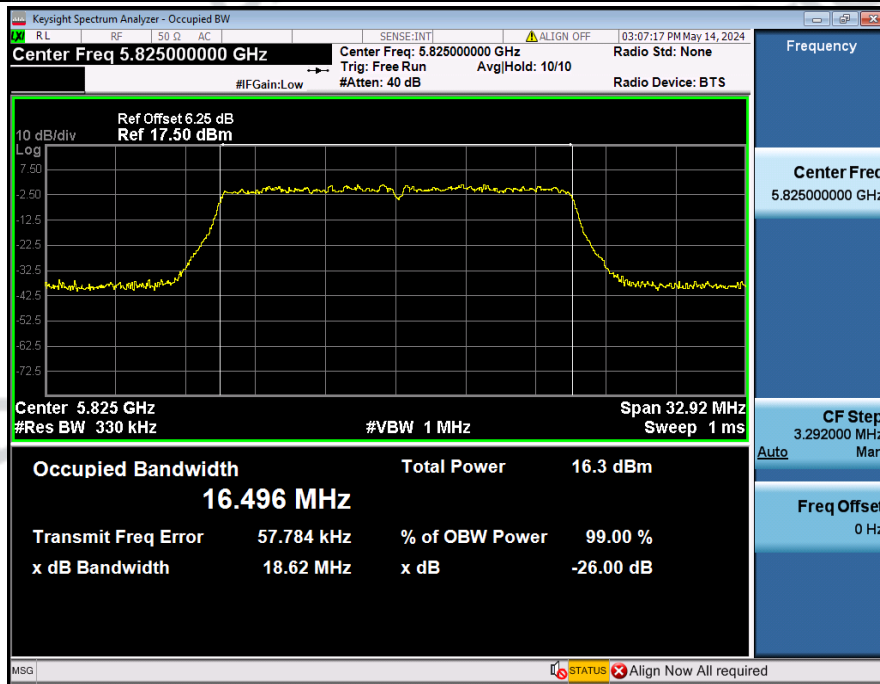
99%_OCB_NVNT_ANT1_802_11a_5785



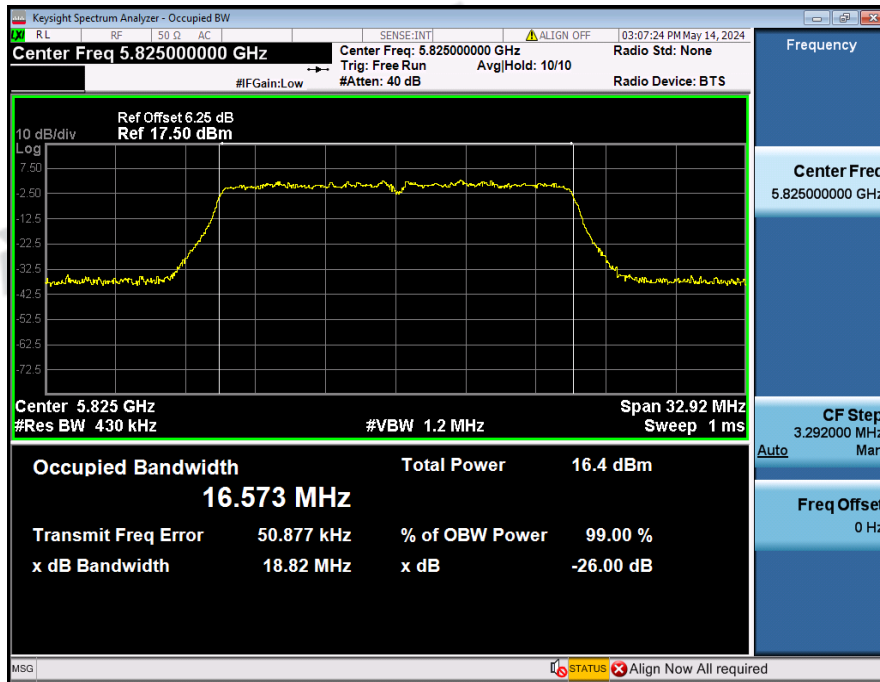
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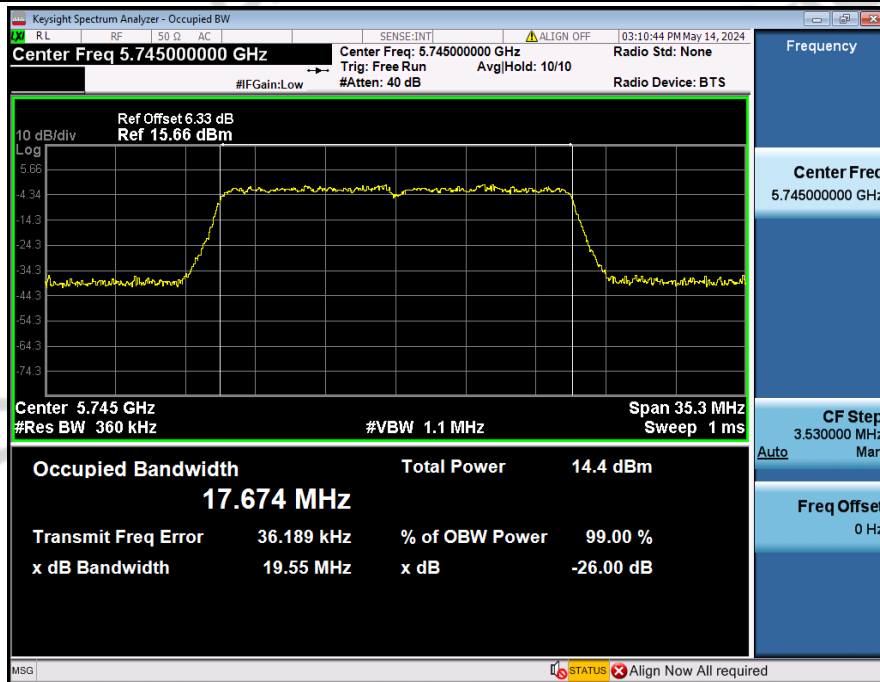
99%_OCB_NVNT_ANT1_802_11a_5825



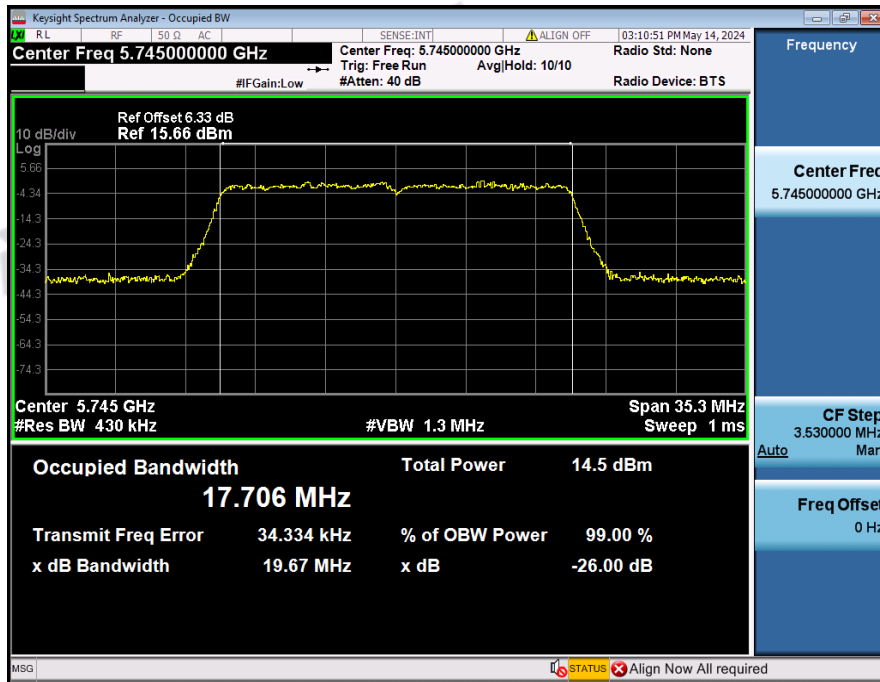
-26BW_NVNT_ANT1_802_11a_5825



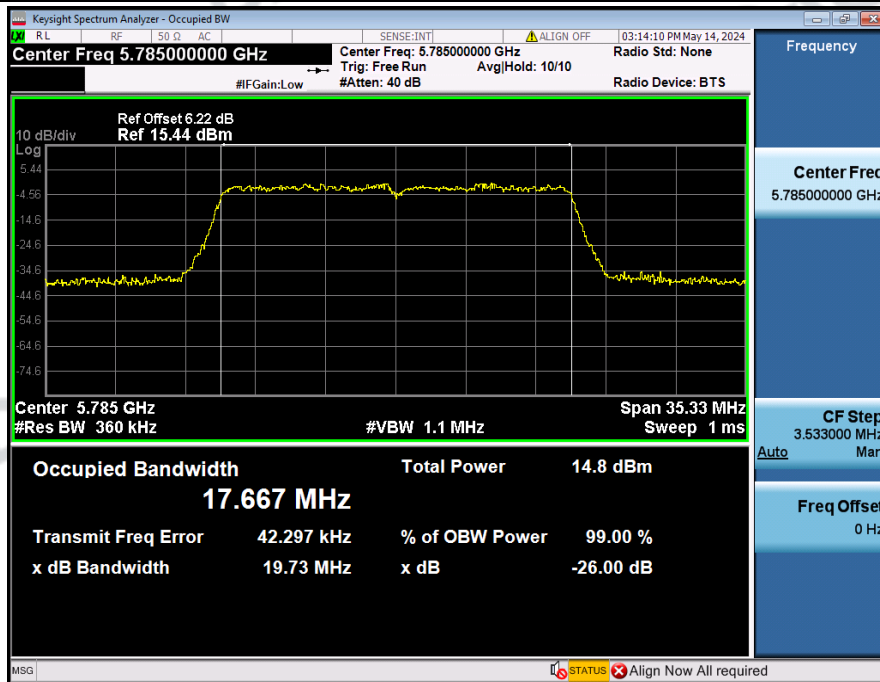
99%_OCB_NVNT_ANT1_802_11n(HT20)_5745



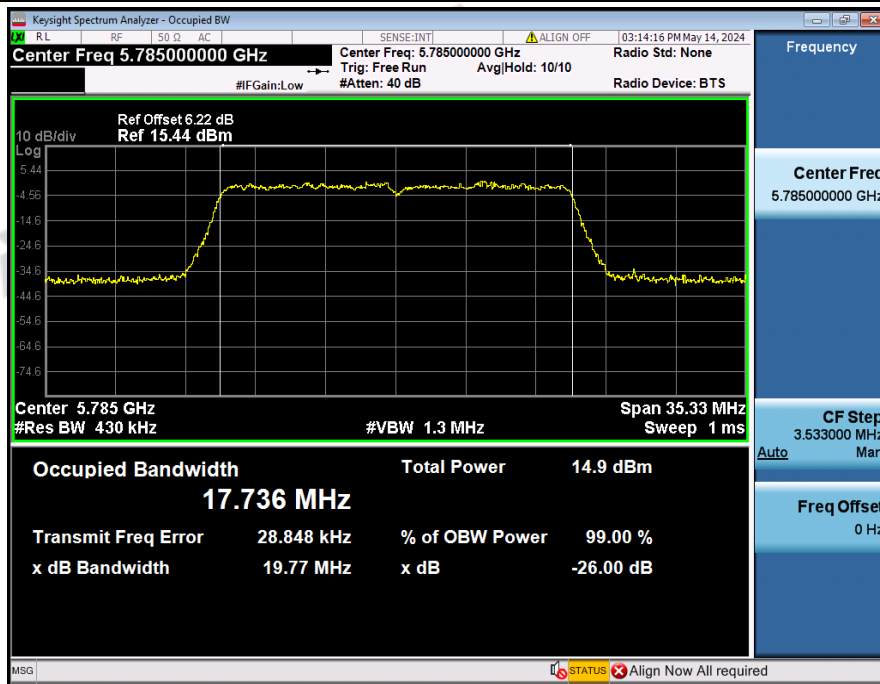
-26BW_NVNT_ANT1_802_11n(HT20)_5745



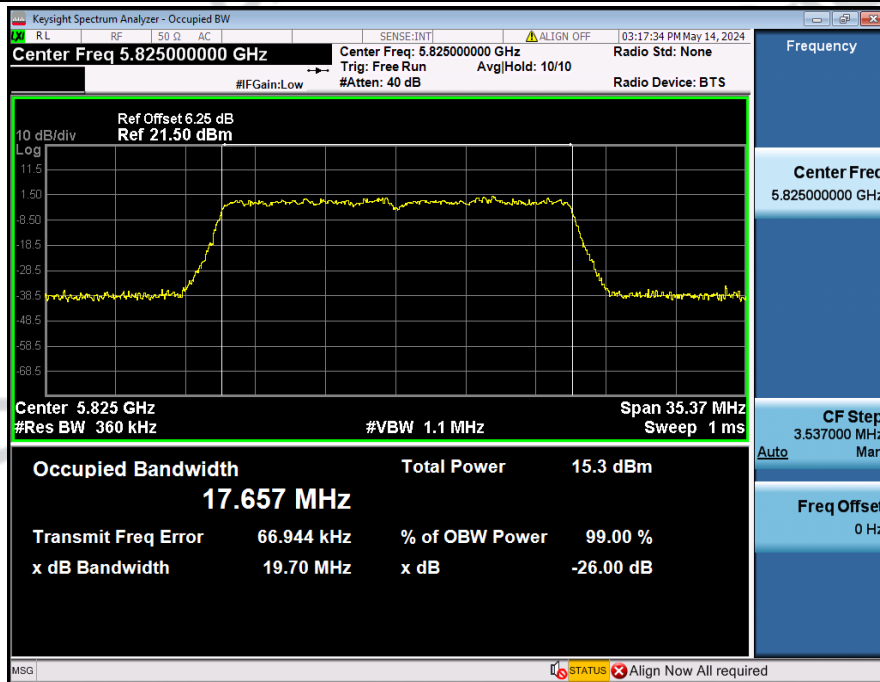
99%_OCB_NVNT_ANT1_802_11n(HT20)_5785



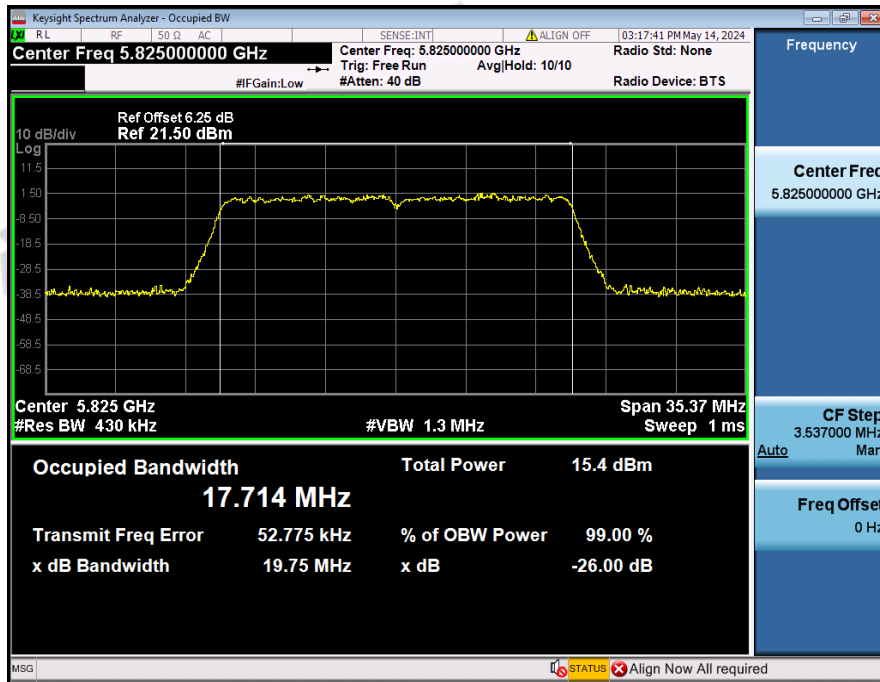
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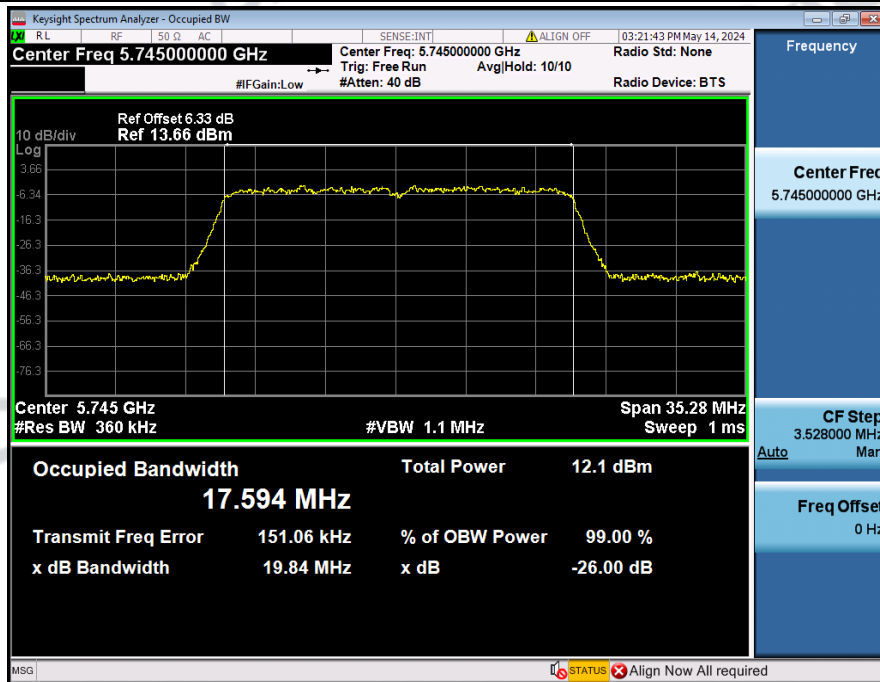
99%_OCB_NVNT_ANT1_802_11n(HT20)_5825



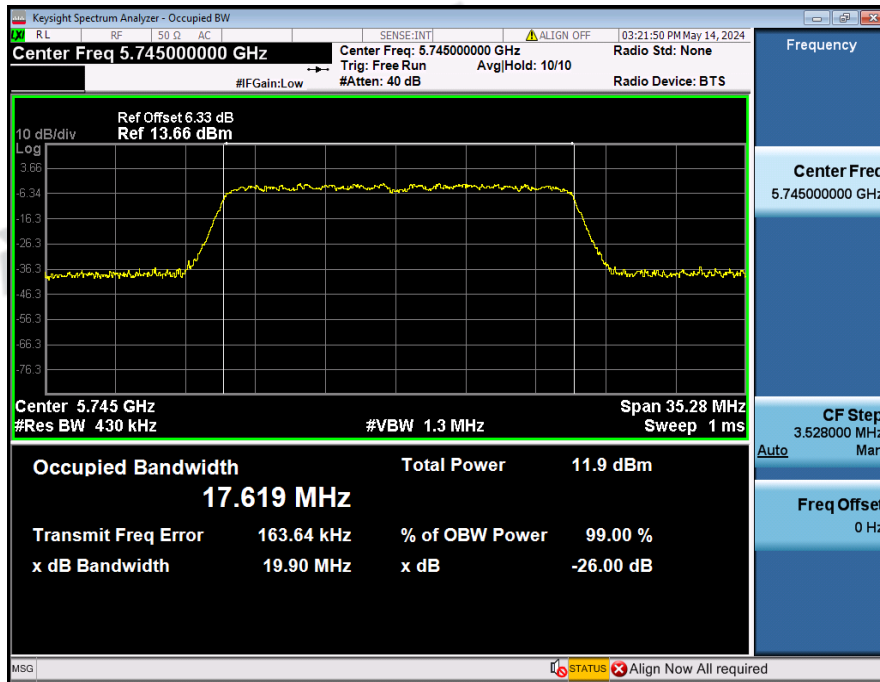
-26BW_NVNT_ANT1_802_11n(HT20)_5825



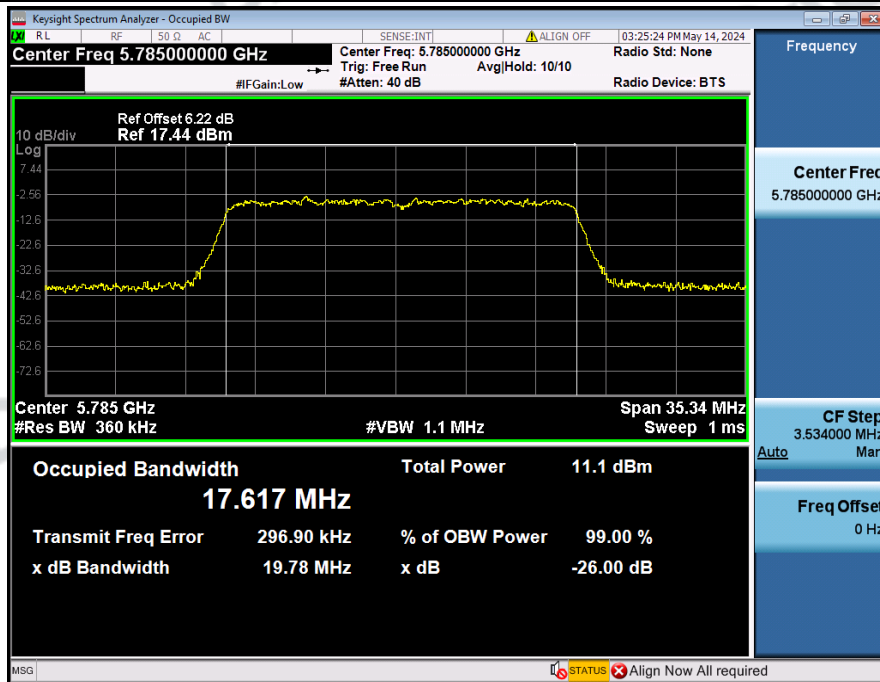
99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5745



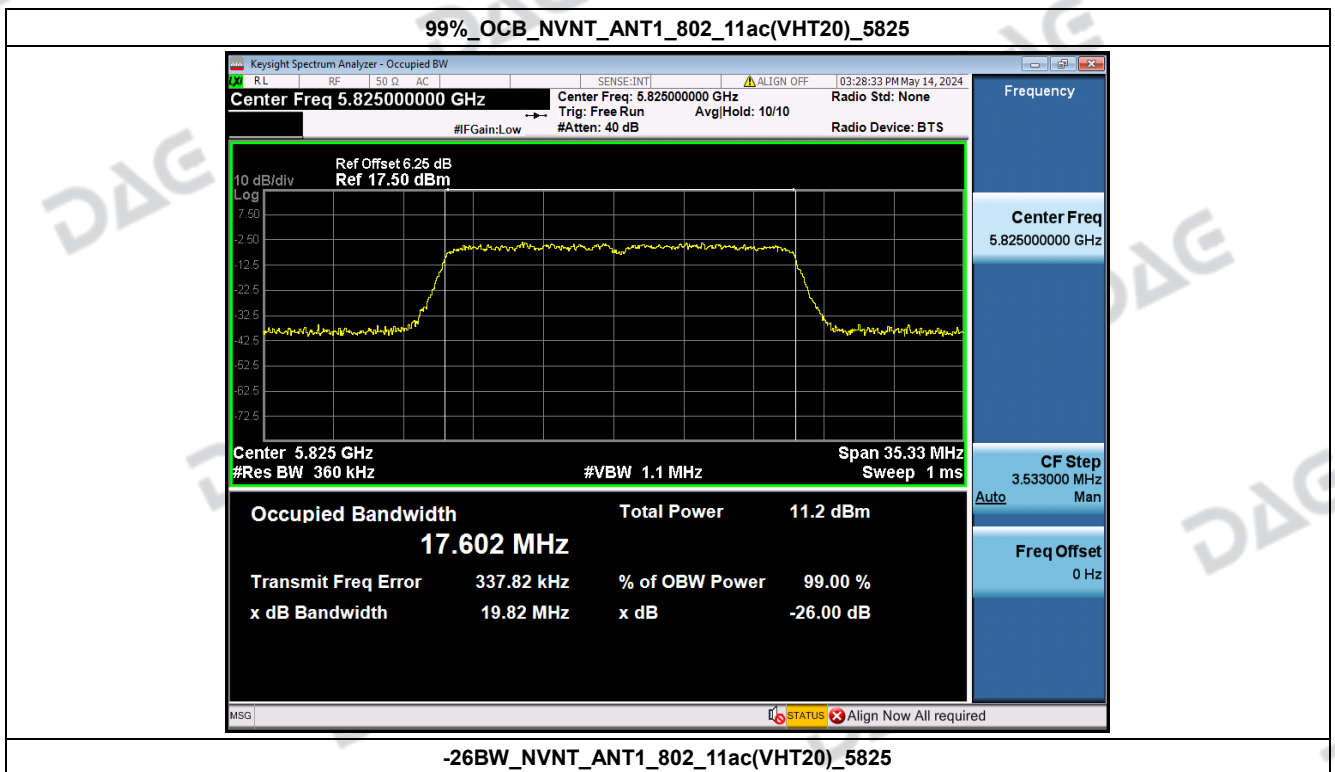
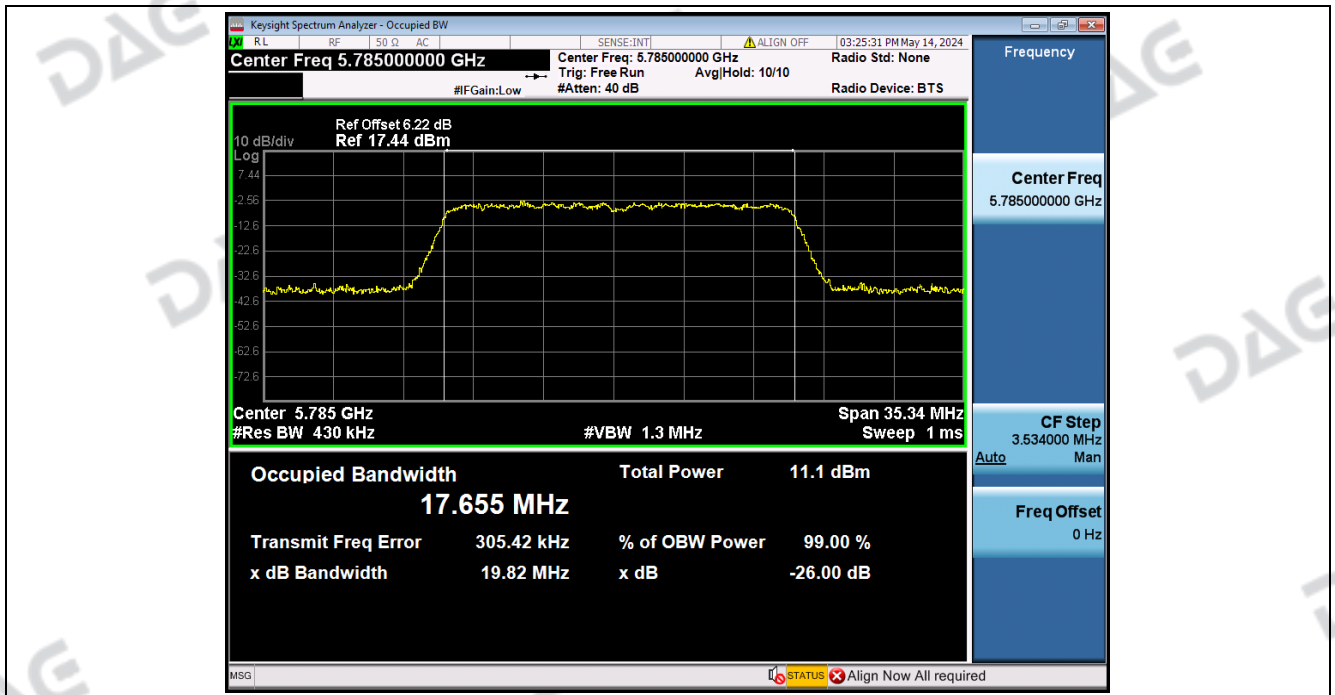
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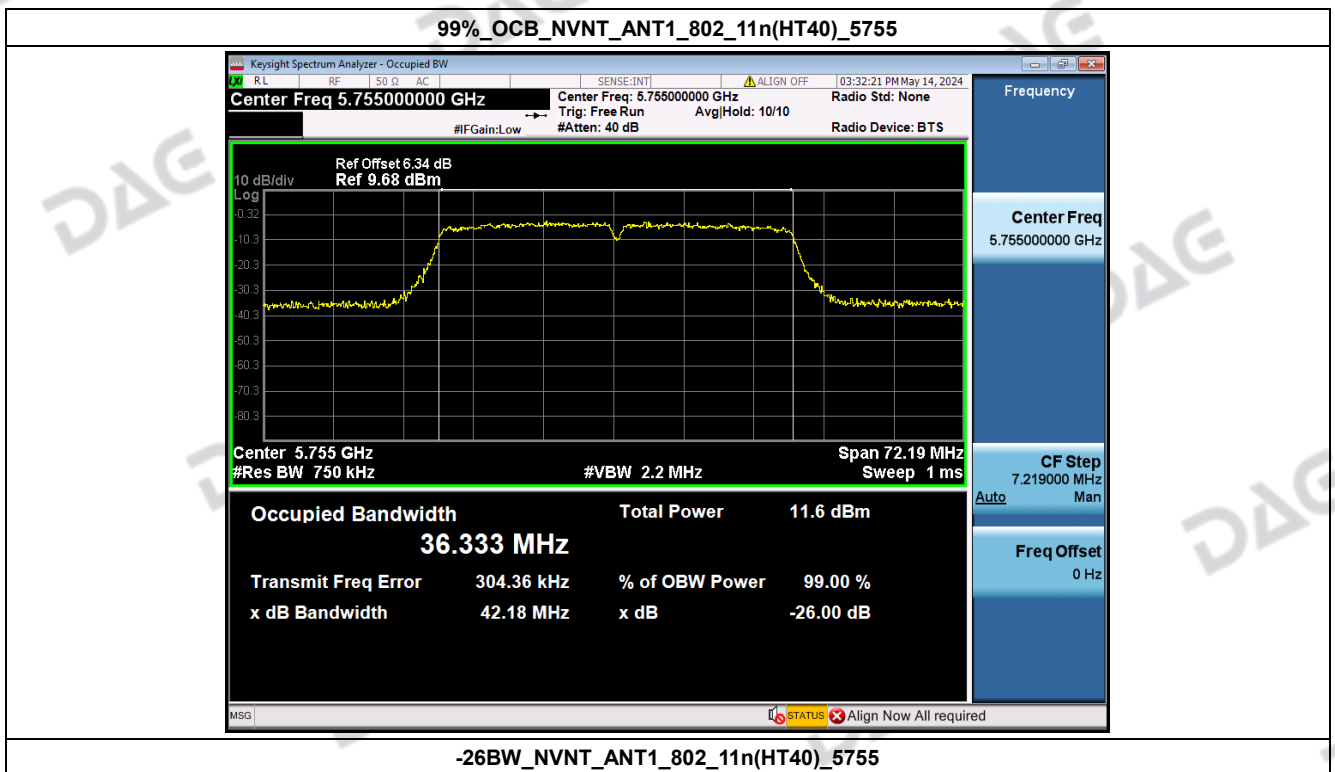
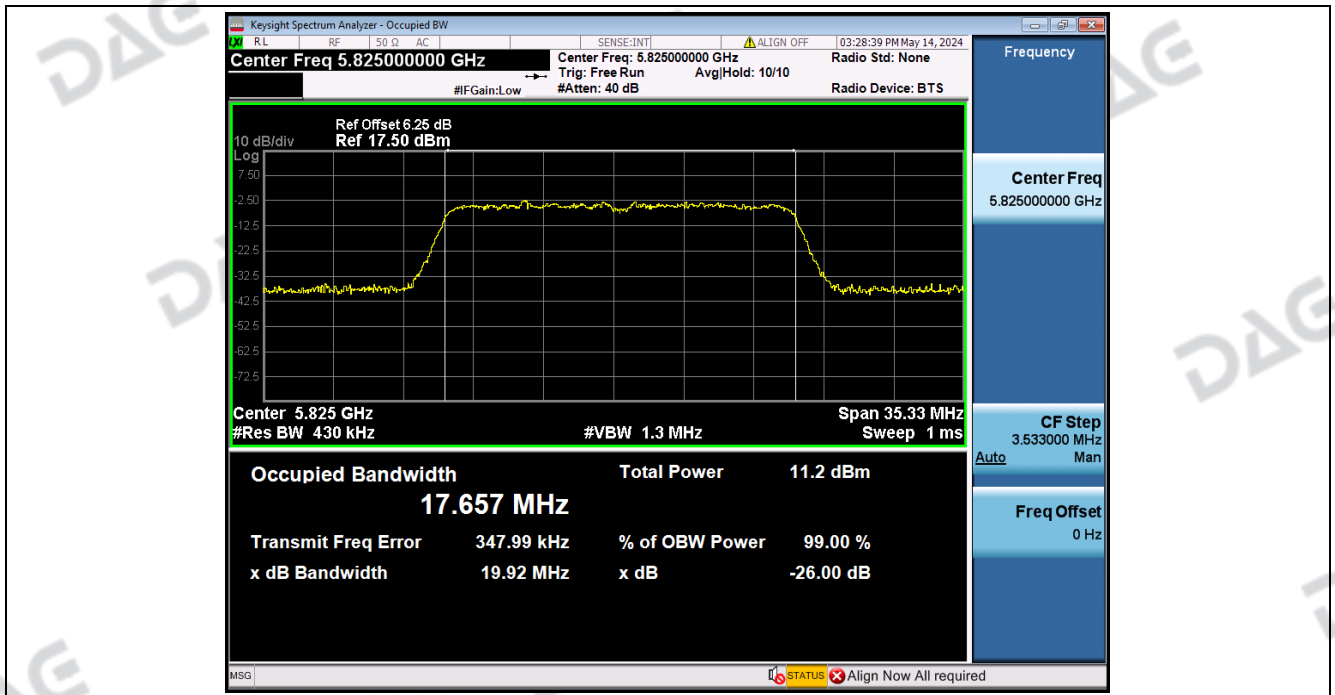


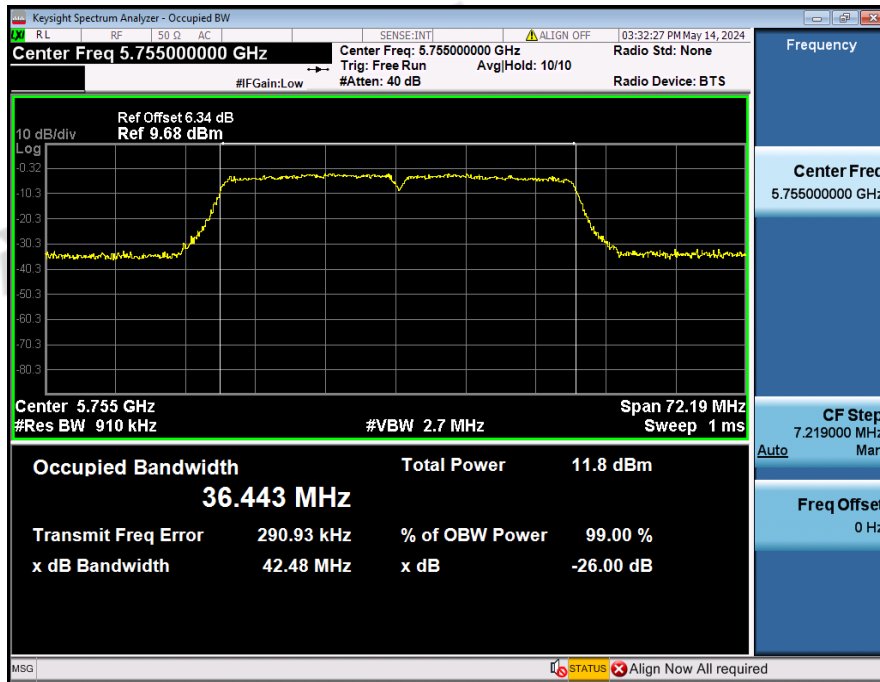
99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5785



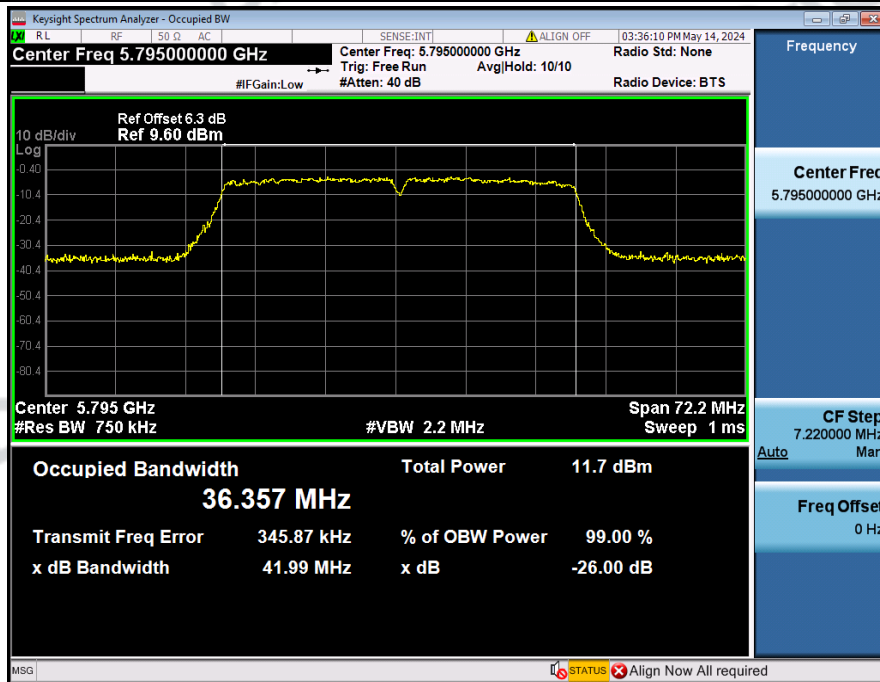
-26BW_NVNT_ANT1_802_11ac(VHT20)_5785



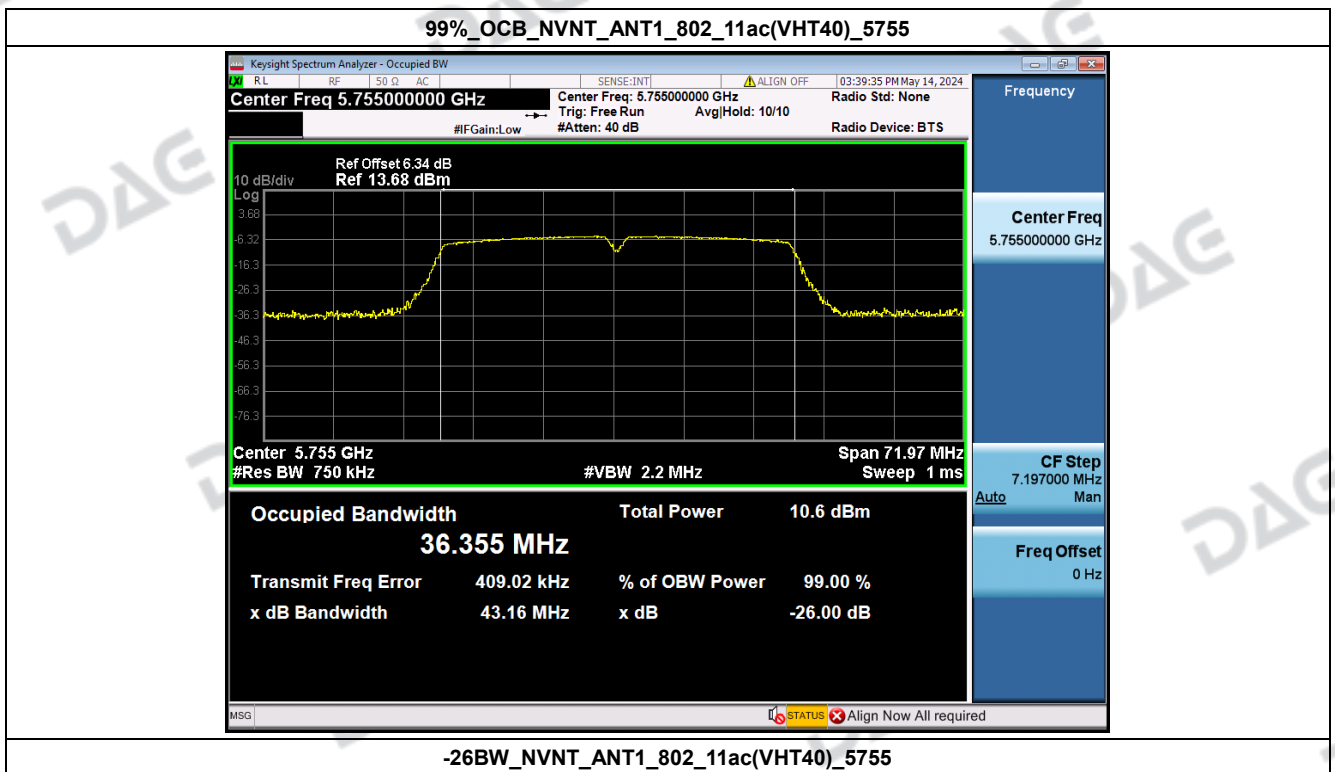
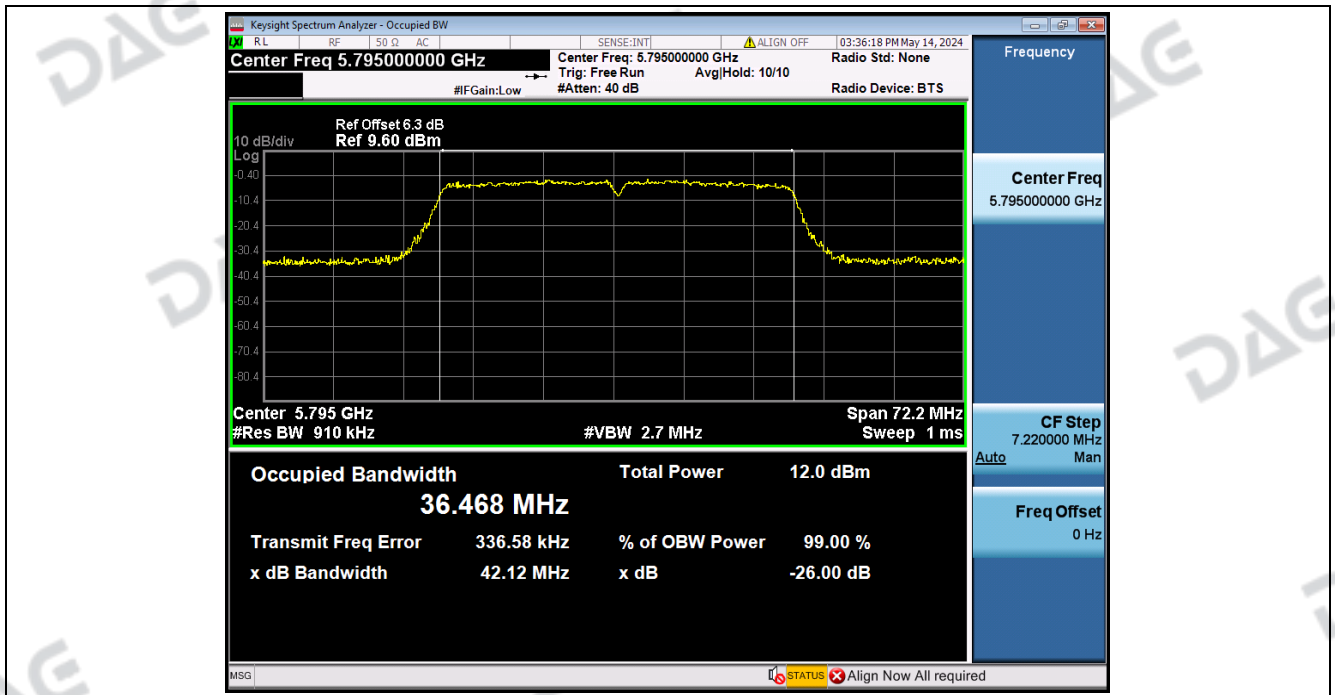


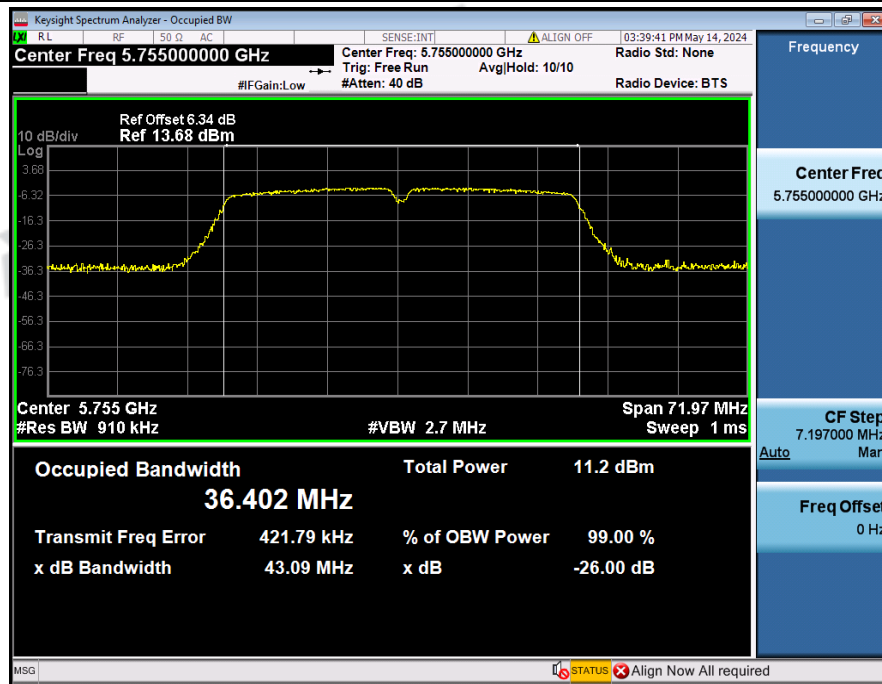


99%_OCB_NVNT_ANT1_802_11n(HT40)_5795

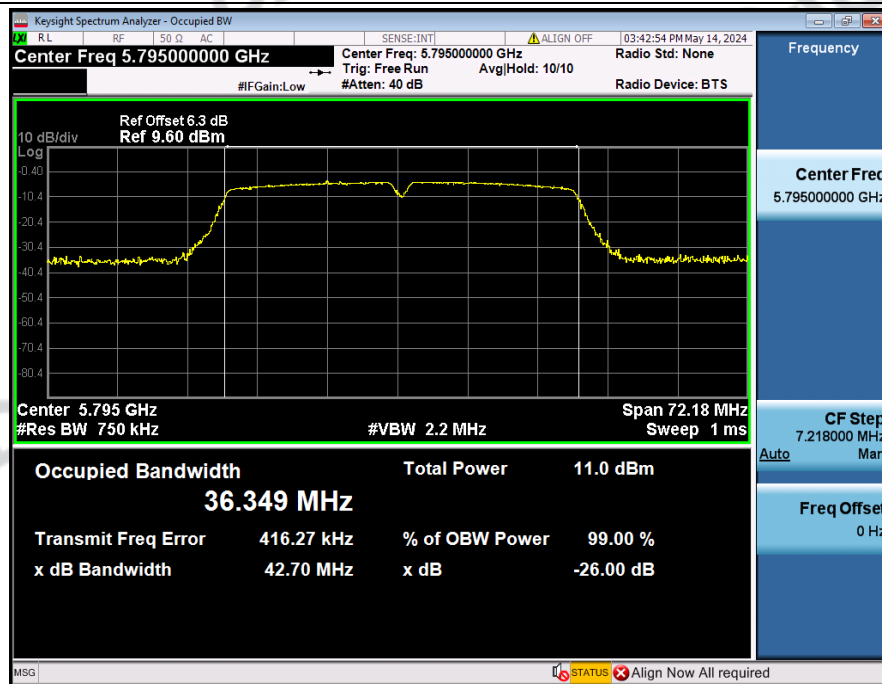


-26BW_NVNT_ANT1_802_11n(HT40)_5795

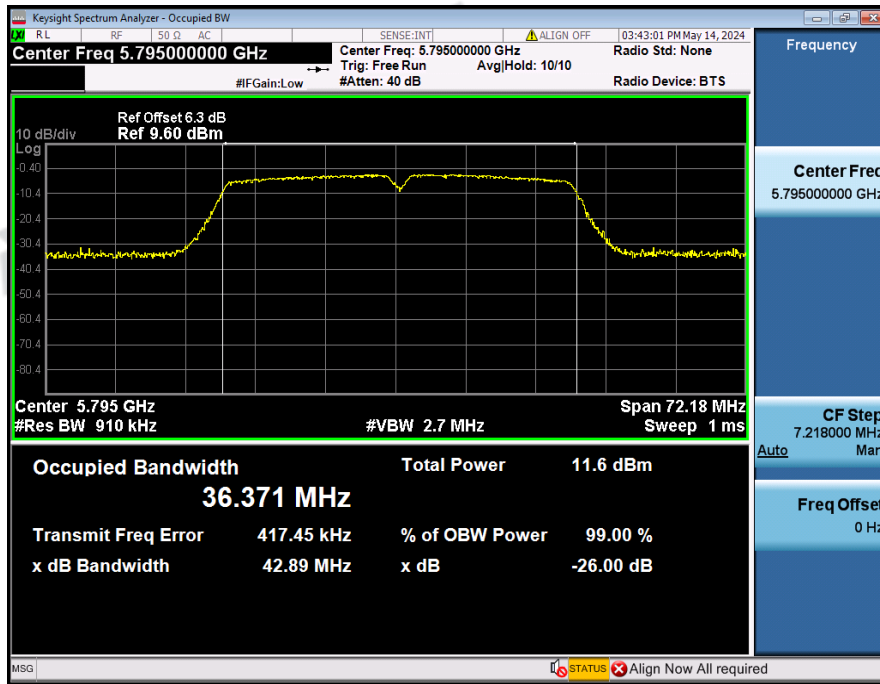




99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795



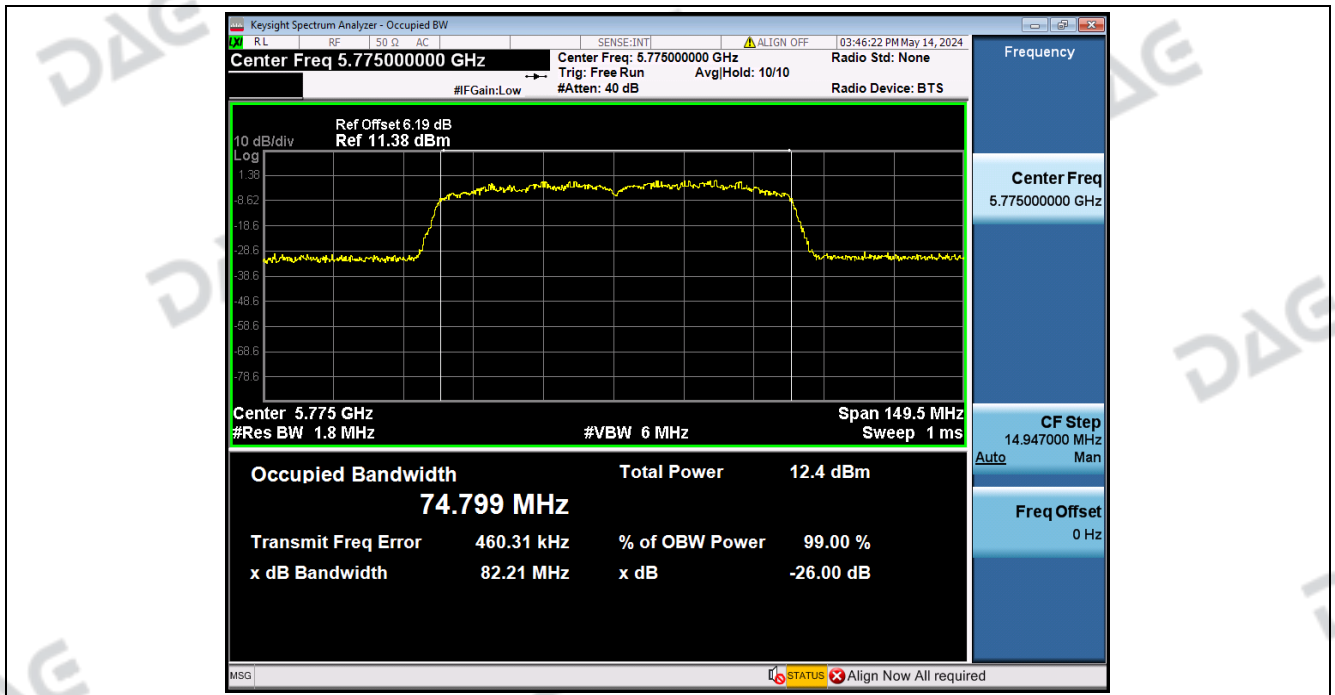
-26BW_NVNT_ANT1_802_11ac(VHT40)_5795



99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775



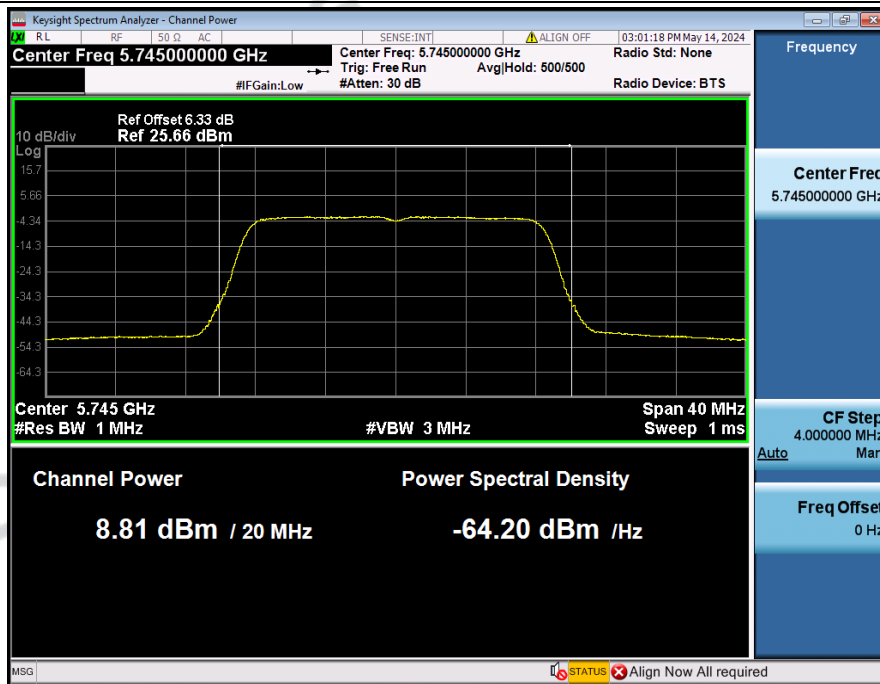
-26BW_NVNT_ANT1_802_11ac(VHT80)_5775



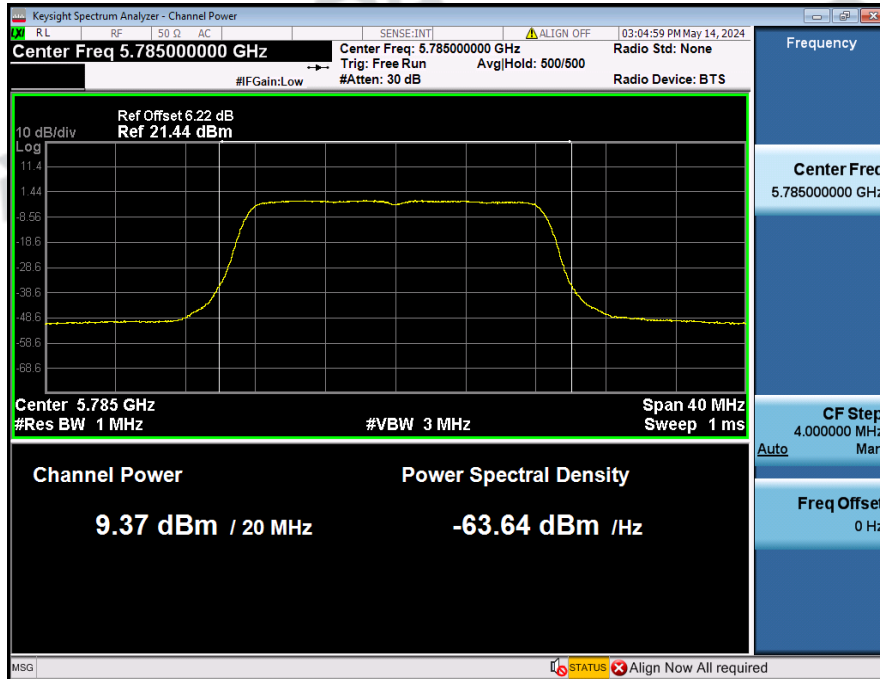
3. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	8.81	30	Pass
NVNT	ANT1	802.11a	5785.00	9.37	30	Pass
NVNT	ANT1	802.11a	5825.00	9.50	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	7.42	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	7.87	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	8.35	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	5.10	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	4.60	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	4.71	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	3.96	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	4.18	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	3.78	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	4.16	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	3.45	30	Pass

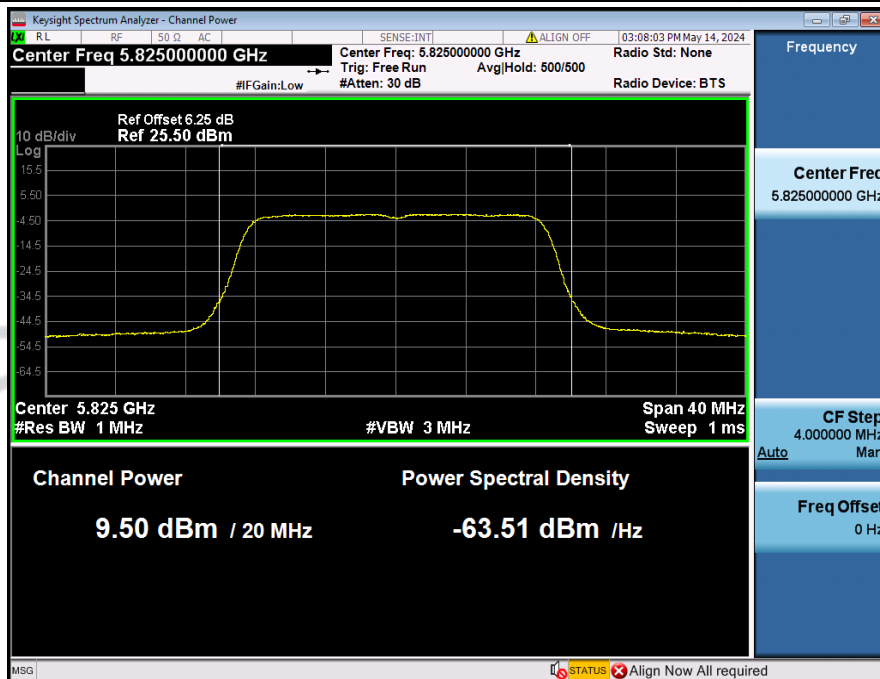
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5745



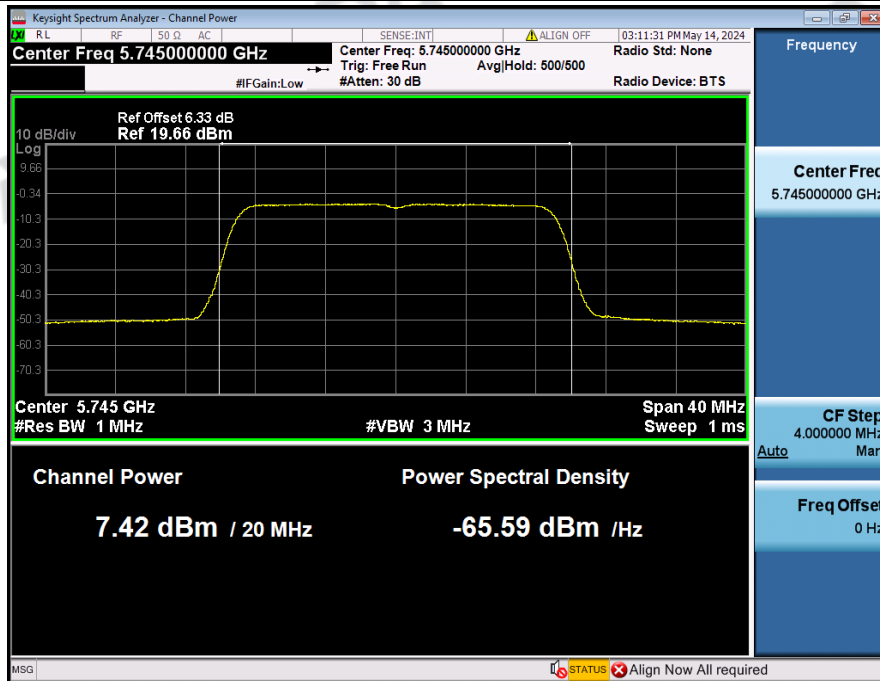
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785



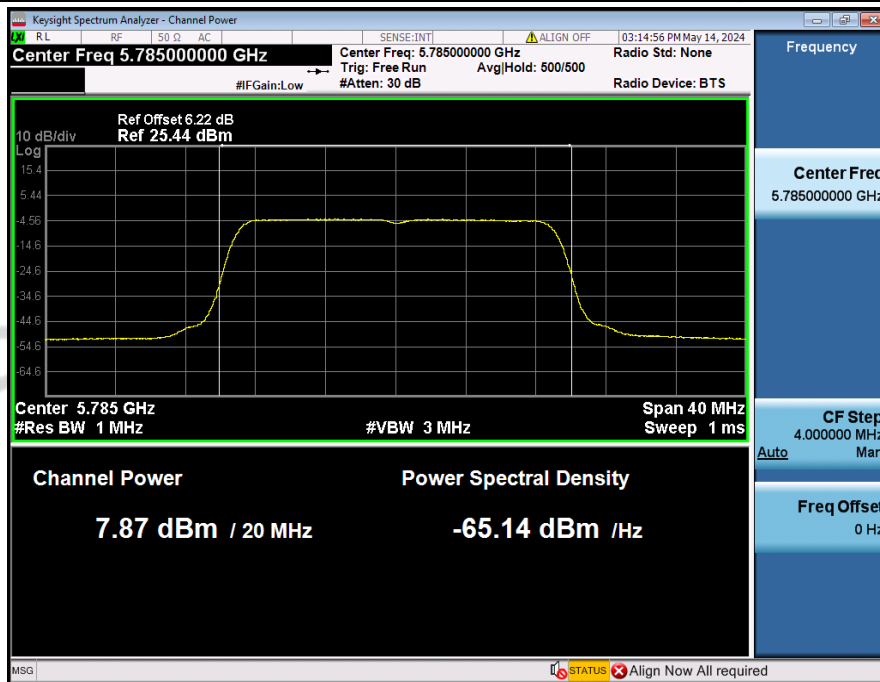
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5825



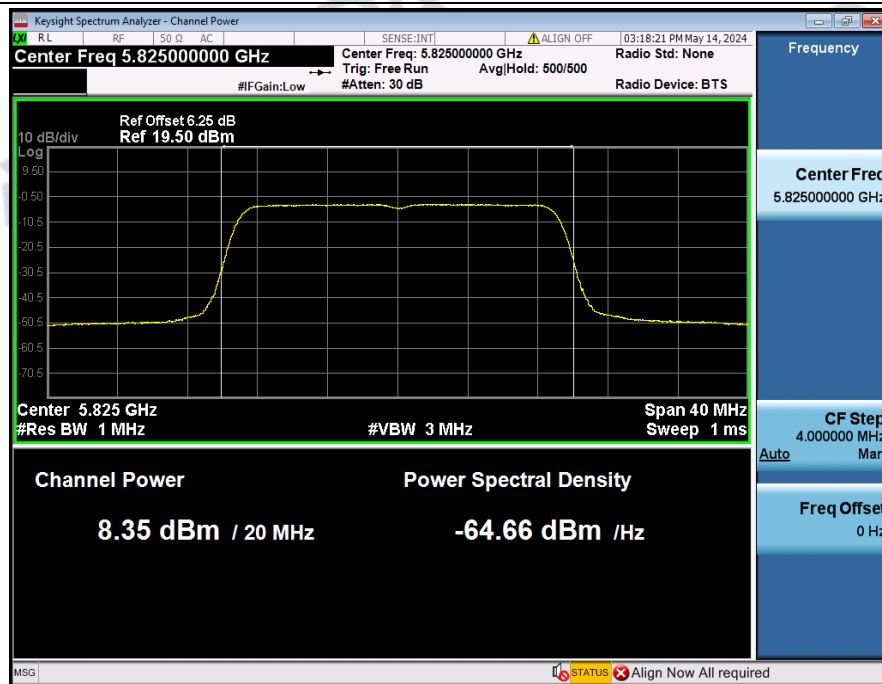
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5745



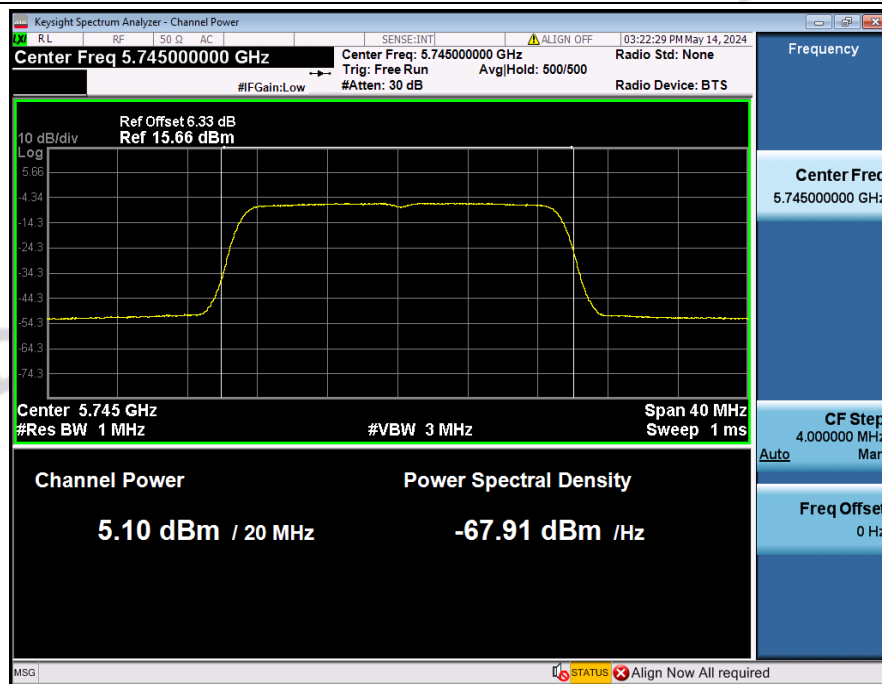
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5785



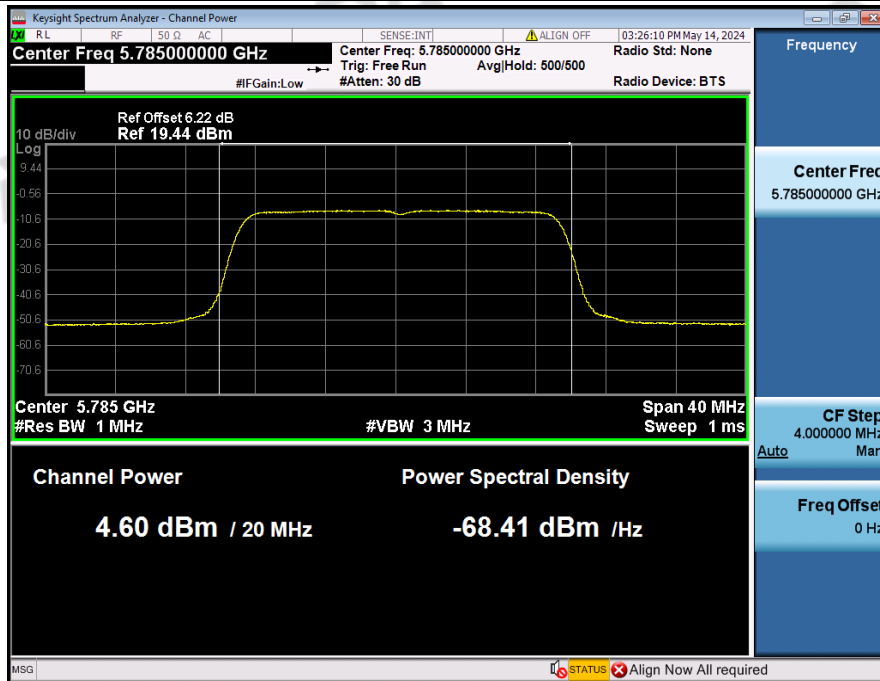
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5825



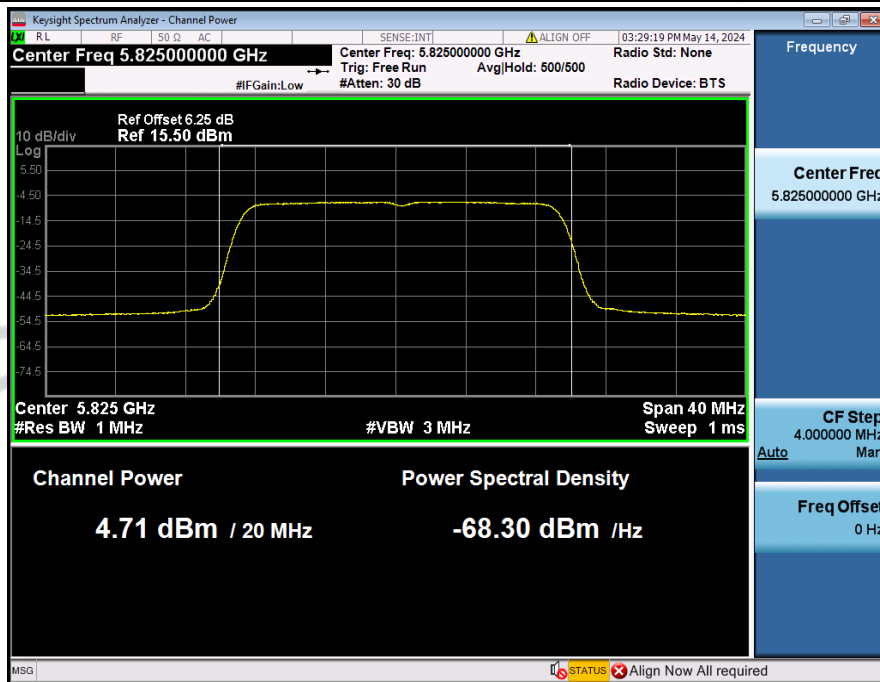
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5745



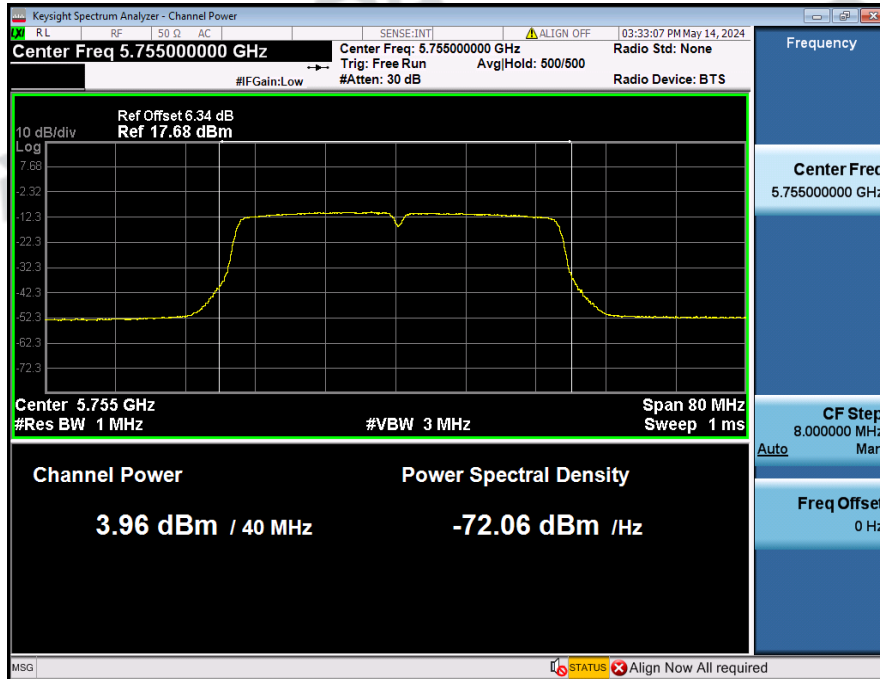
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5785



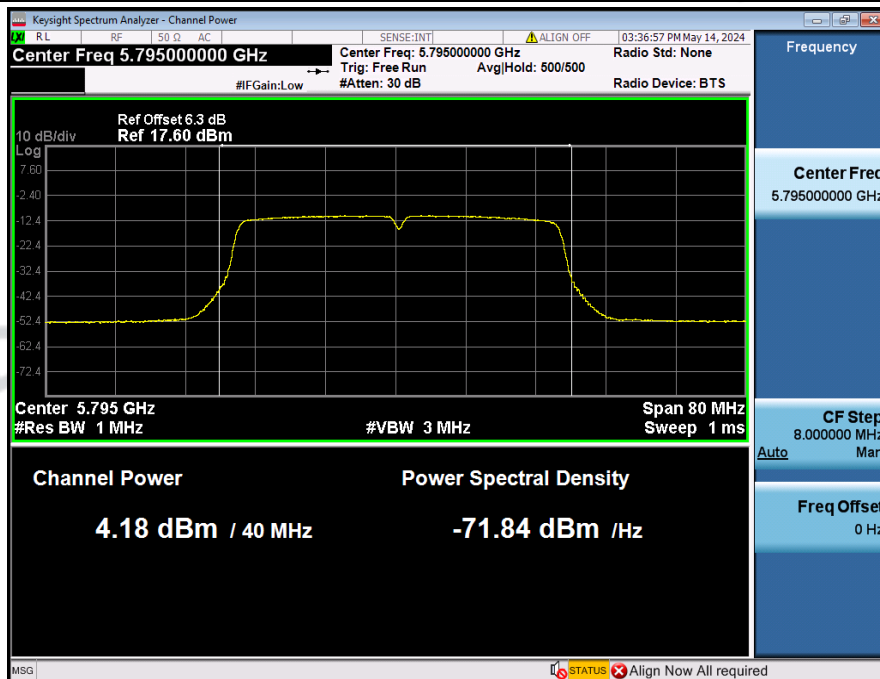
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5825



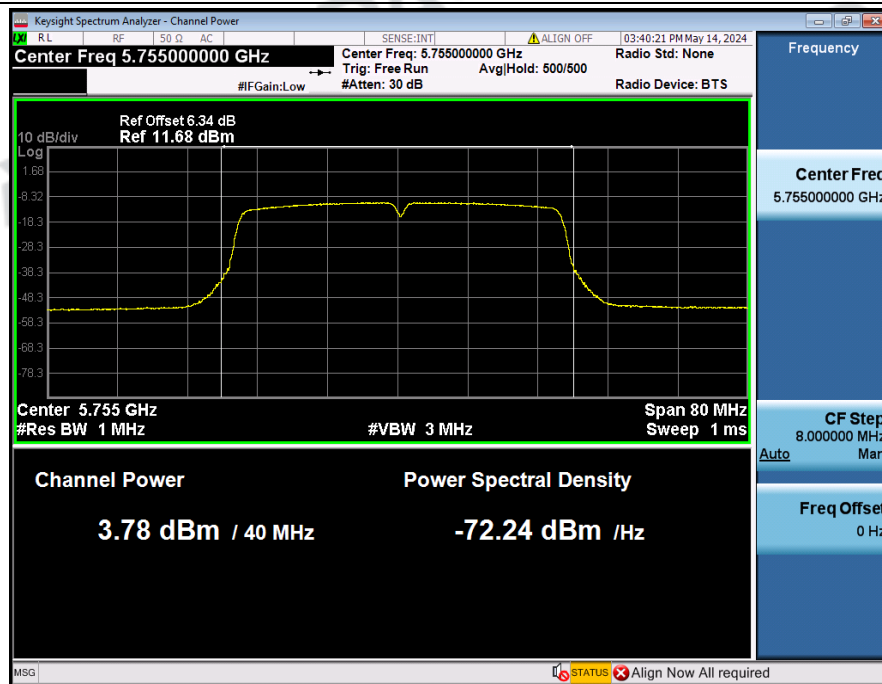
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5755



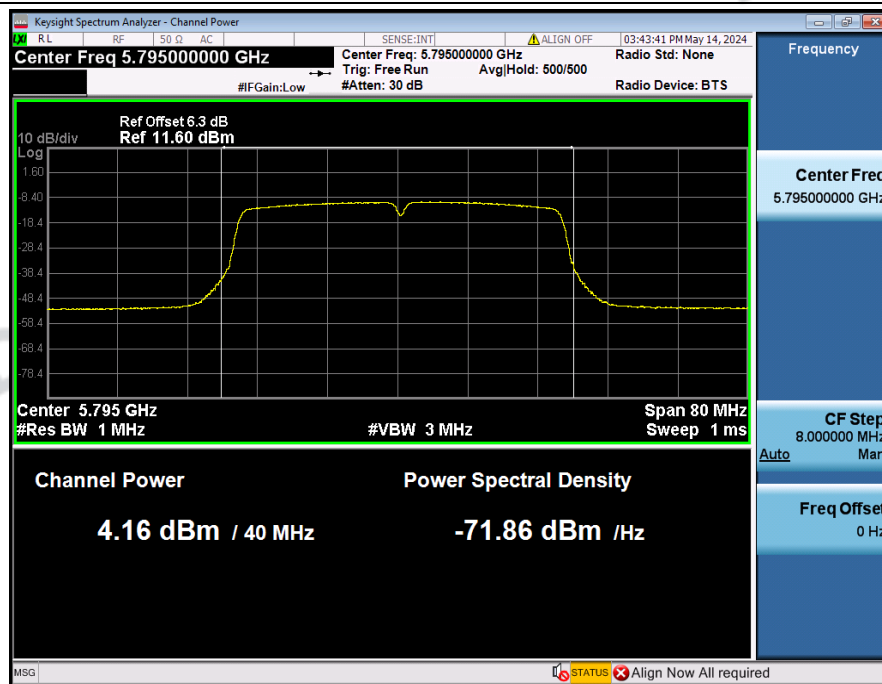
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5795



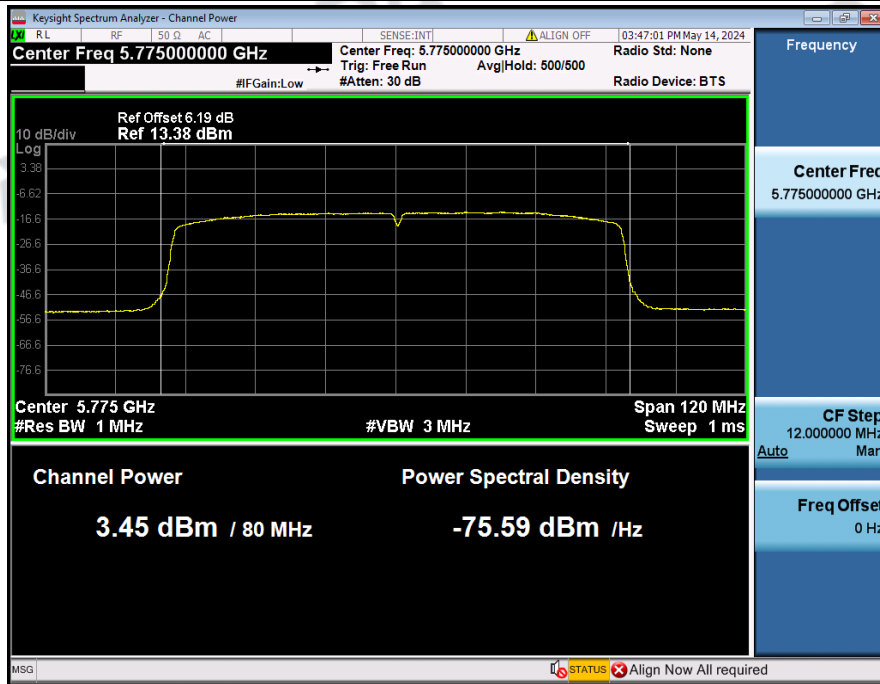
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5755



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5795



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT80)_5775

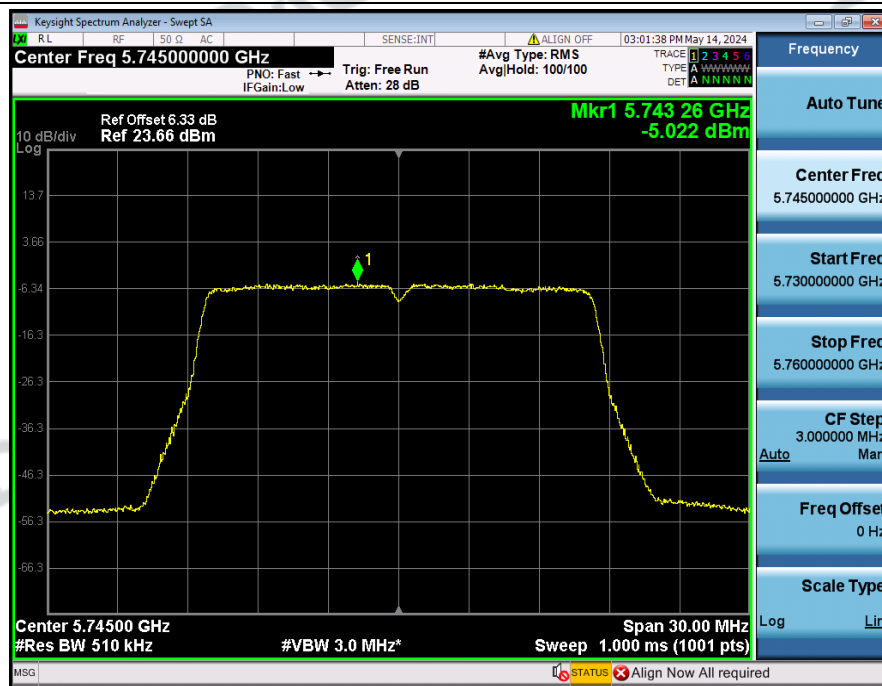


4. Power Spectral Density

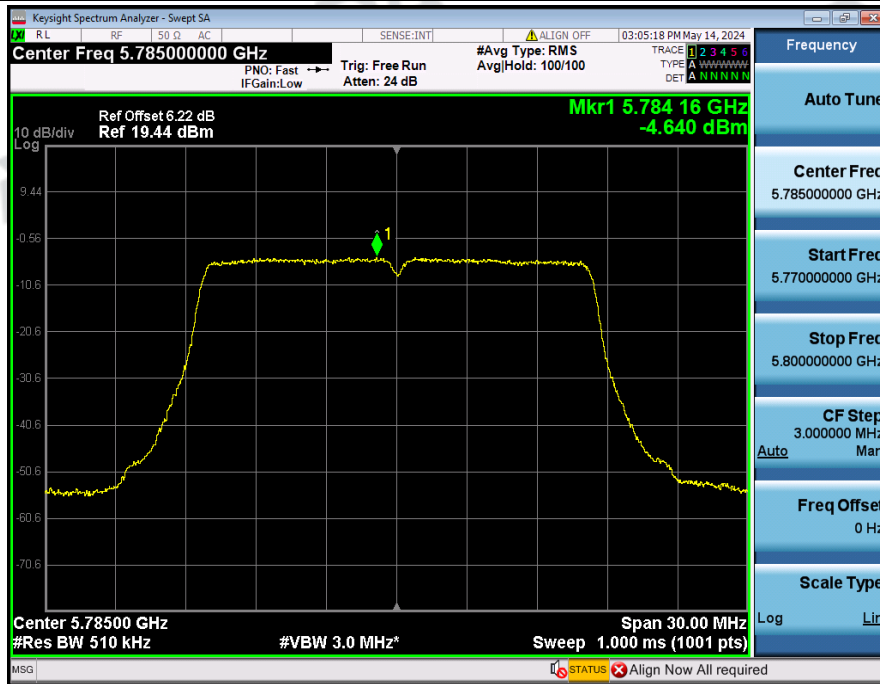
Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/RBW)	RB factor(dB)	PSD(dBm/500kHz)	Limit (dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	-5.022	-0.086	-5.108	30	Pass
NVNT	ANT1	802.11a	5785.00	-4.640	-0.086	-4.726	30	Pass
NVNT	ANT1	802.11a	5825.00	-4.506	-0.086	-4.592	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-6.895	-0.086	-6.981	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-6.442	-0.086	-6.528	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-6.083	-0.086	-6.169	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-9.482	-0.086	-9.568	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-9.858	-0.086	-9.944	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-9.754	-0.086	-9.84	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-12.991	-0.086	-13.077	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-12.842	-0.086	-12.928	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-13.378	-0.086	-13.464	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-12.964	-0.086	-13.05	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-16.712	-0.086	-16.798	30	Pass

PSD_SA (dBm/510kHz) = PSD(dBm/500kHz) + RB factor (dB); RB factor (dB) = $10 \cdot \log(500/510) = -0.086\text{dB}$

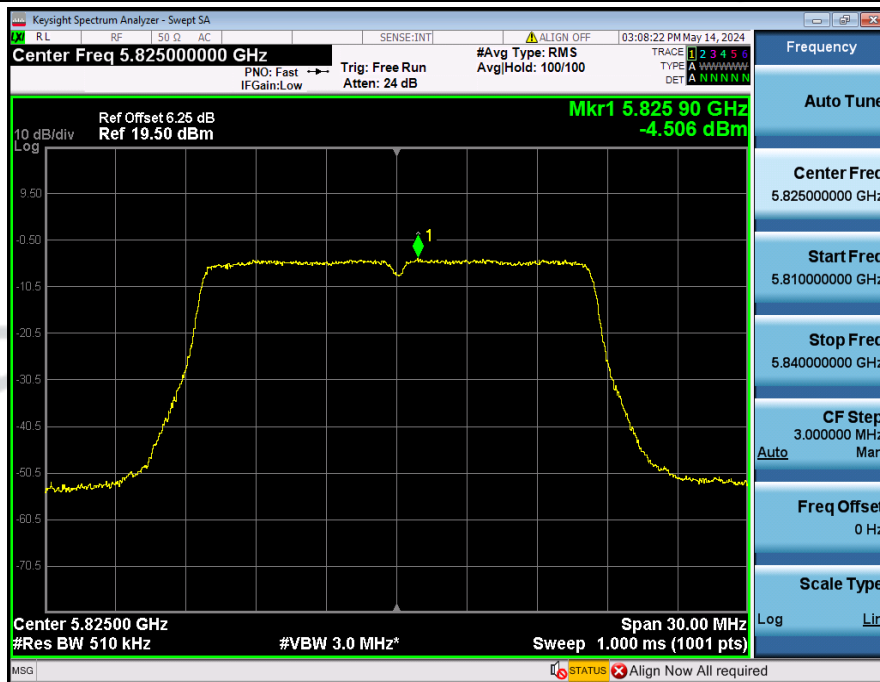
Power_Spectral_Density_NVNT_ANT1_802_11a_5745



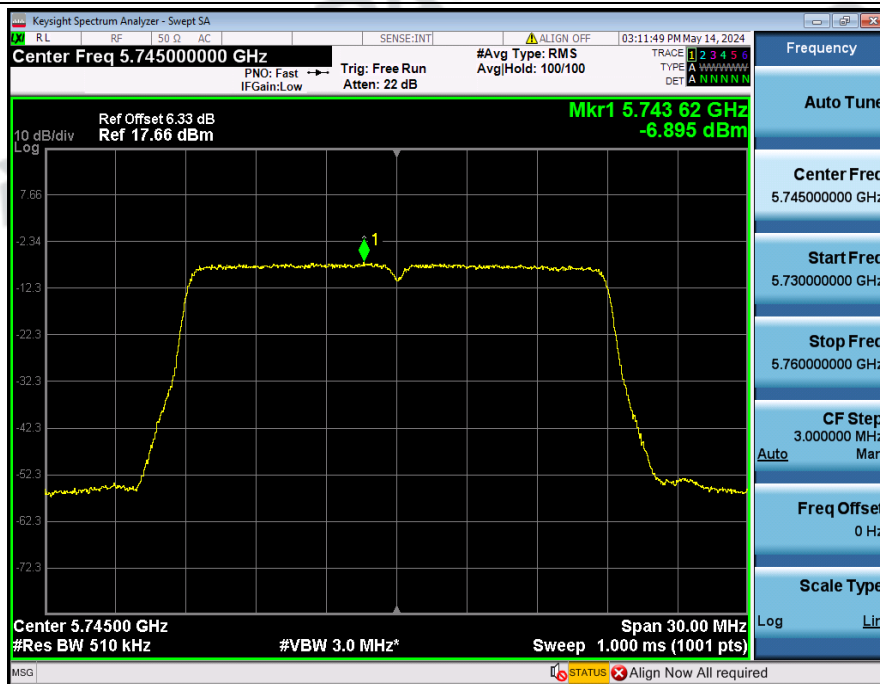
Power_Spectral_Density_NVNT_ANT1_802_11a_5785



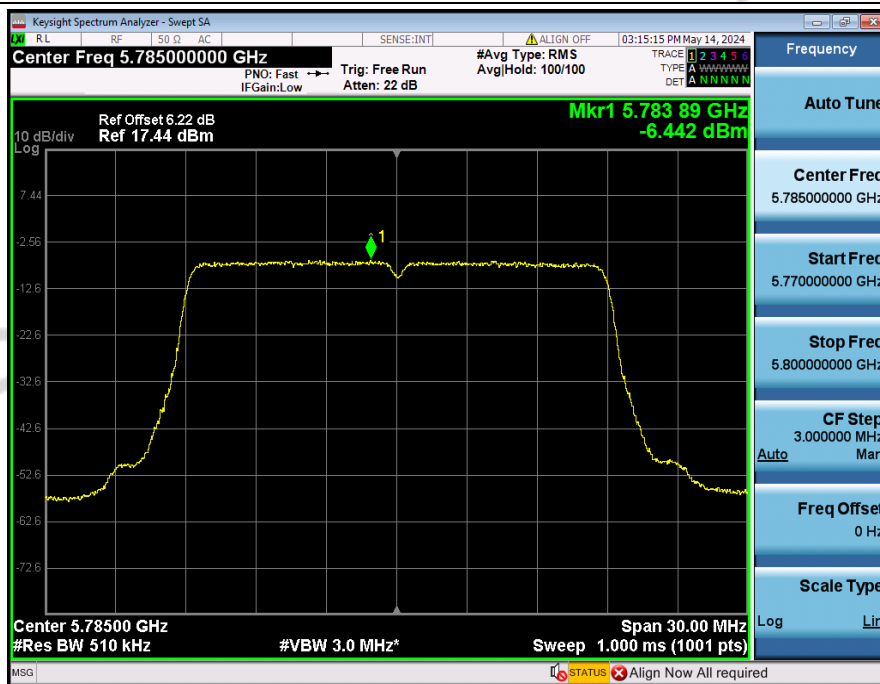
Power_Spectral_Density_NVNT_ANT1_802_11a_5825



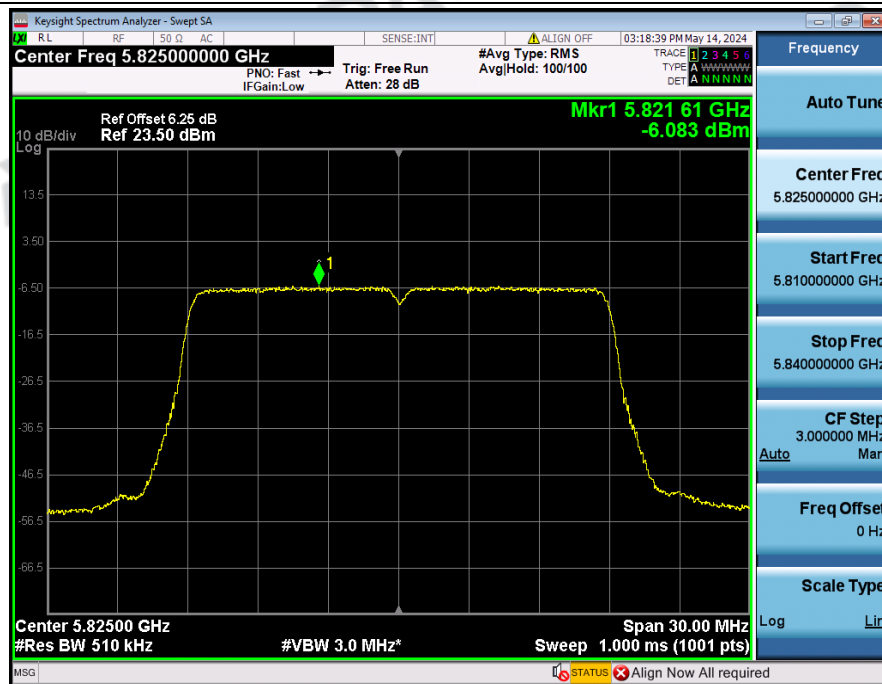
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5745



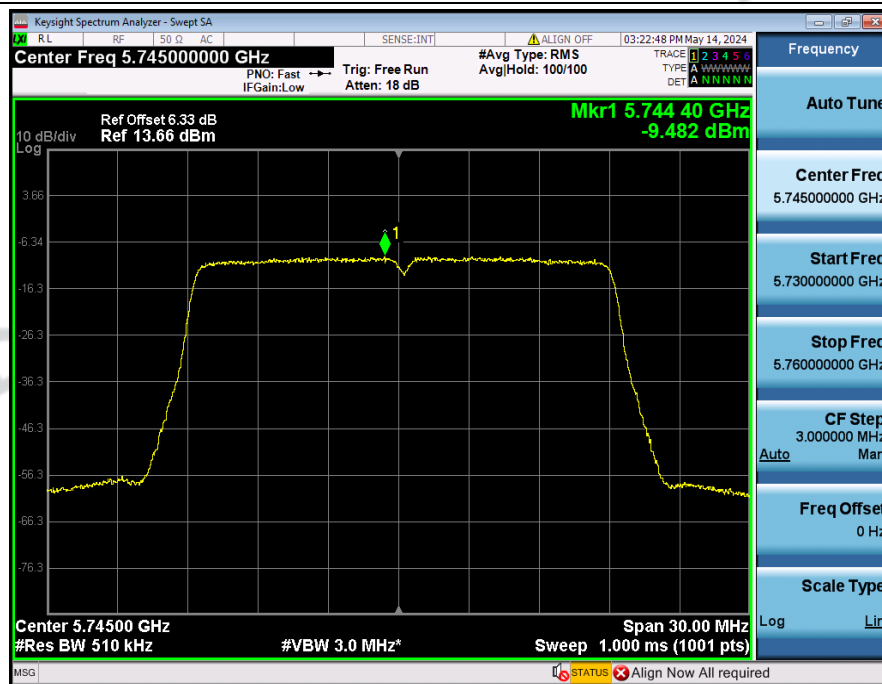
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5785



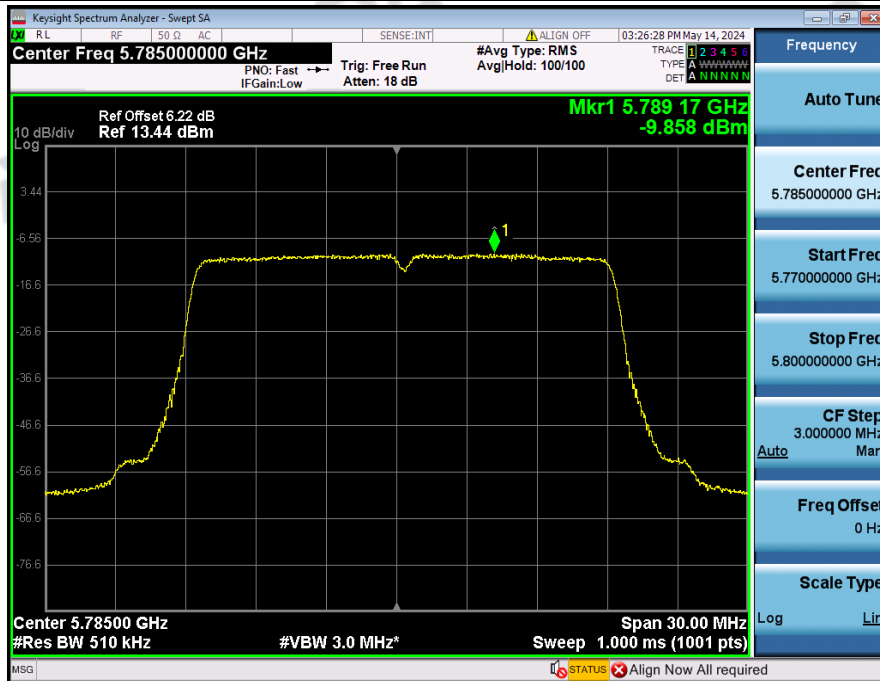
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5825



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5745



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5785



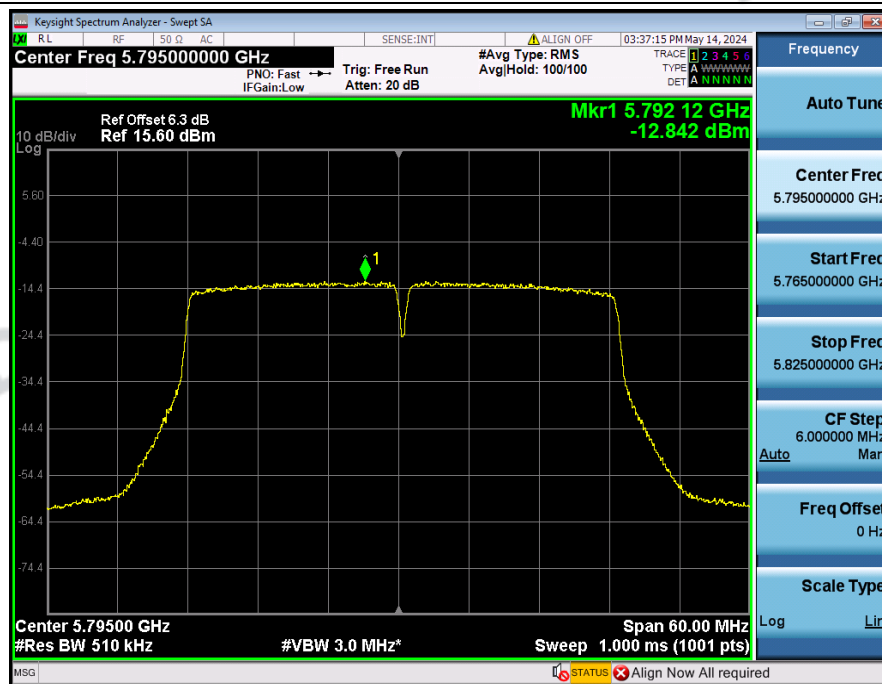
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5825



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5755



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5795



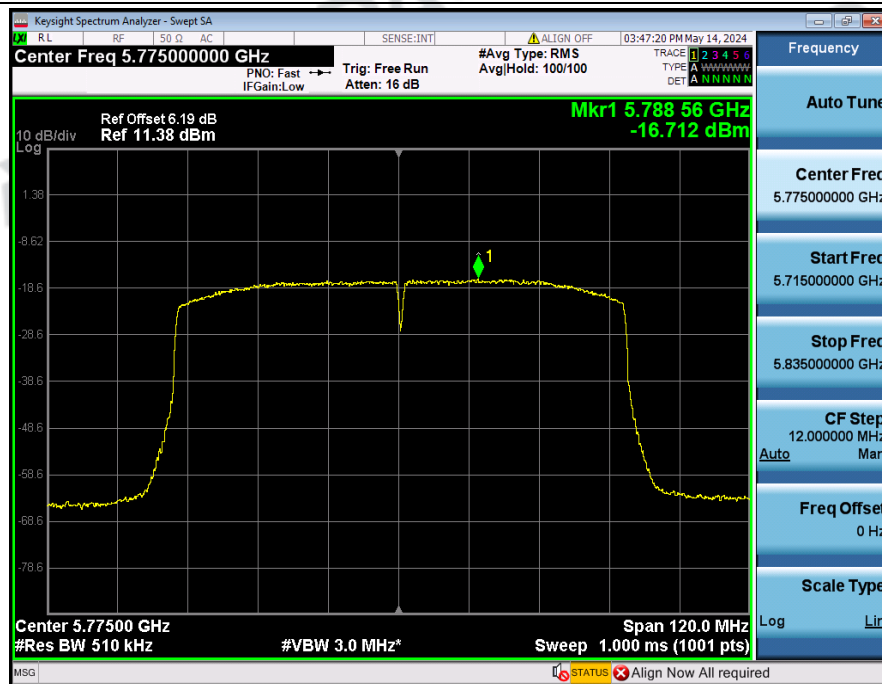
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5755



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5795



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775

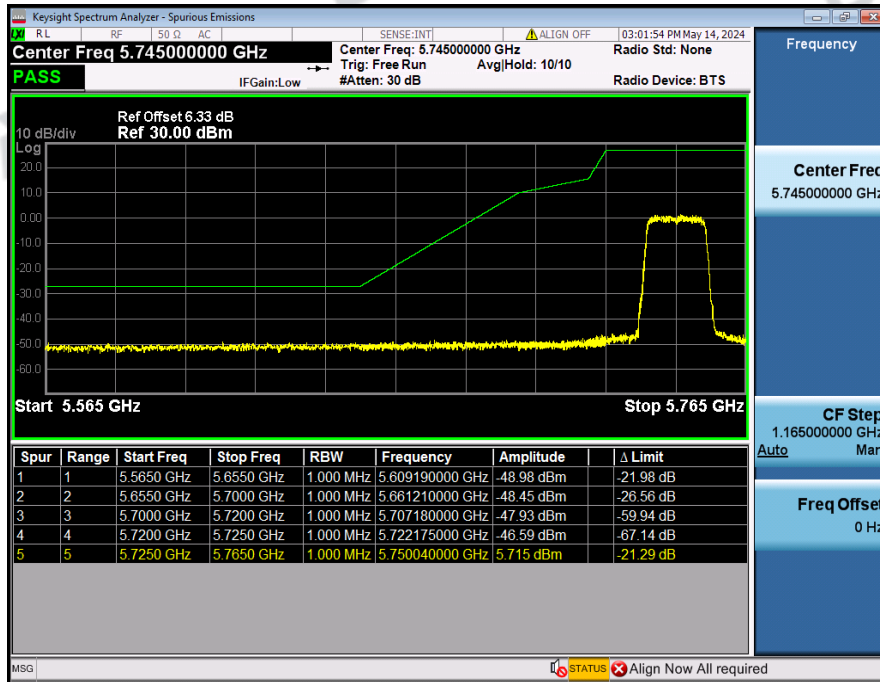


5. Bandedge

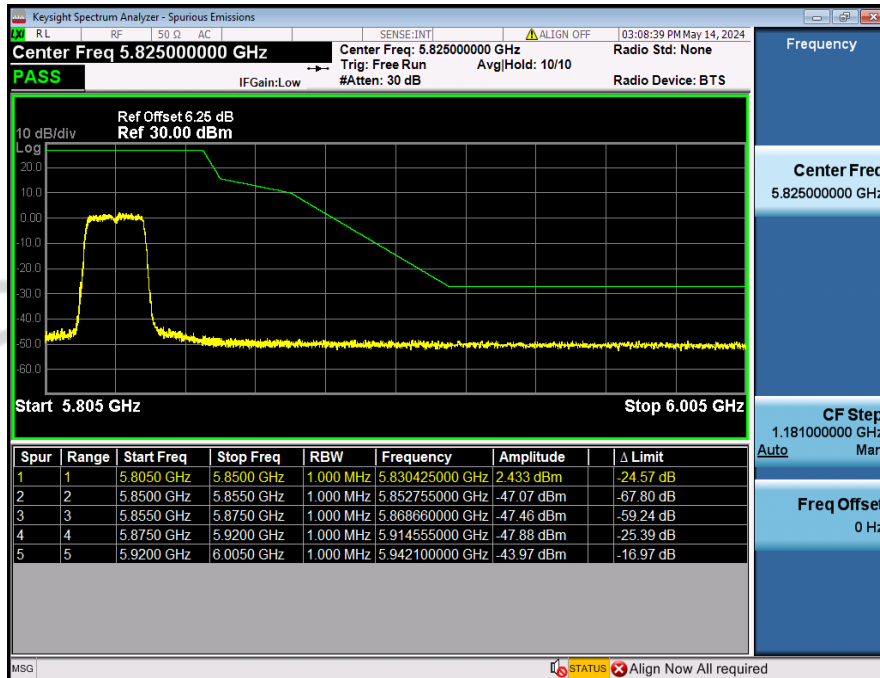
Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5609.190	-48.98	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5661.210	-48.45	-21.89	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5707.180	-47.93	12.01	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5722.175	-46.59	20.56	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5852.755	-47.07	20.72	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5868.660	-47.46	11.78	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5914.555	-47.88	-22.52	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5942.100	-43.97	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5647.440	-48.62	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5665.440	-48.44	-18.42	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5703.180	-48.12	10.89	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5721.135	-46.59	18.19	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5854.555	-46.90	16.61	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5867.200	-47.88	12.18	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5912.485	-48.08	-20.82	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5963.095	-44.15	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5606.310	-48.92	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5665.395	-48.38	-18.45	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5700.540	-48.60	10.15	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5720.790	-47.59	17.40	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5854.950	-47.59	15.71	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5871.980	-47.95	10.85	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5912.485	-48.37	-20.82	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5957.230	-44.38	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5595.600	-48.58	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5662.740	-48.34	-20.64	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5701.440	-48.14	10.40	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5720.160	-47.00	15.96	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5853.930	-47.15	18.04	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5873.720	-47.75	10.36	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5902.225	-48.24	-12.39	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5922.765	-43.49	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5651.160	-48.08	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5679.480	-48.35	-6.87	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5702.140	-48.28	10.60	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5721.170	-46.80	18.27	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5854.970	-47.32	15.67	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5873.720	-47.79	10.36	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5906.410	-47.68	-15.83	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5926.020	-42.84	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5650-5655	5651.080	-48.25	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5655-5700	5667.870	-48.95	-16.42	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5700-5720	5707.980	-48.35	12.23	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5720-5725	5720.330	-48.60	16.35	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5850-5855	5854.860	-47.70	15.92	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5855-5875	5874.640	-48.02	10.10	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5875-5920	5917.975	-48.30	-25.34	Pass

NVNT	ANT1	802.11ac(VHT80)	MCH	5920-5925	5924.190	-44.22	-27.00	Pass
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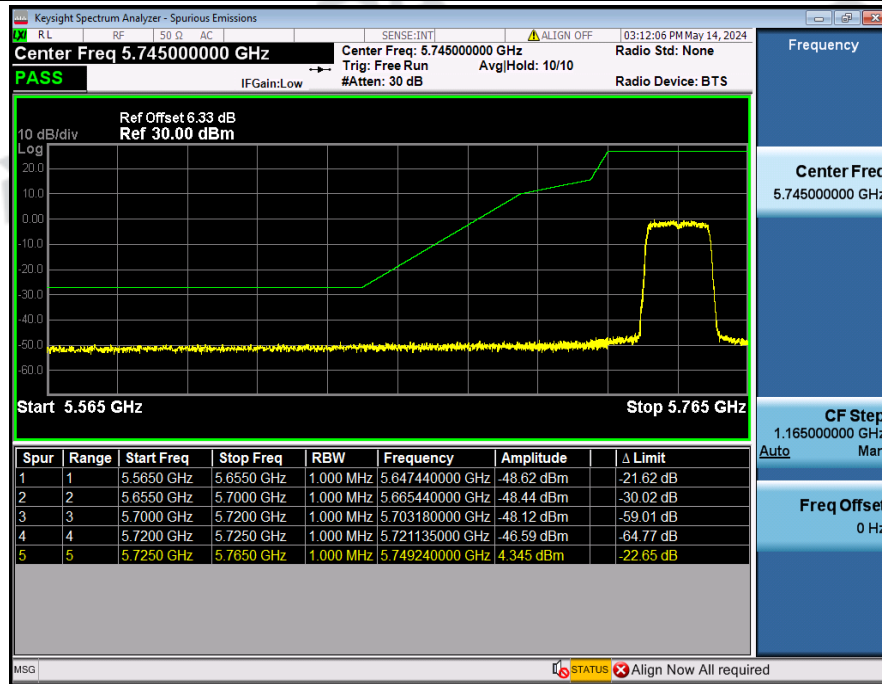
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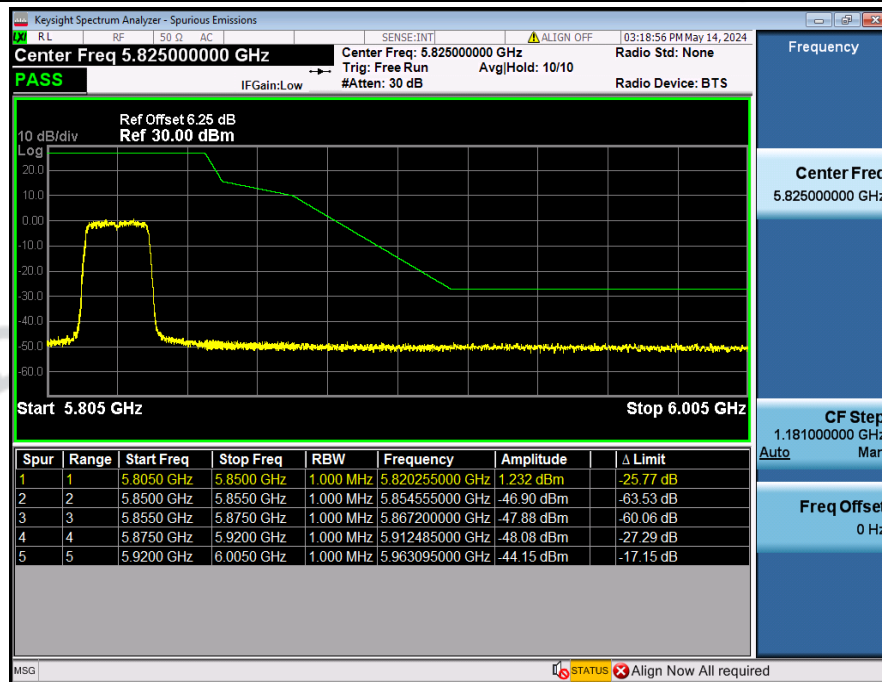
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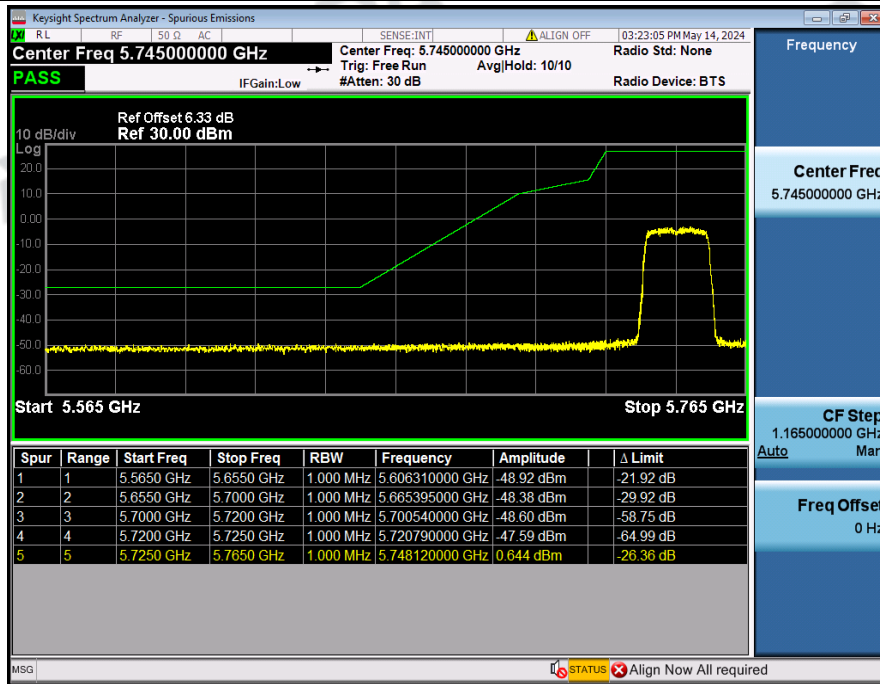
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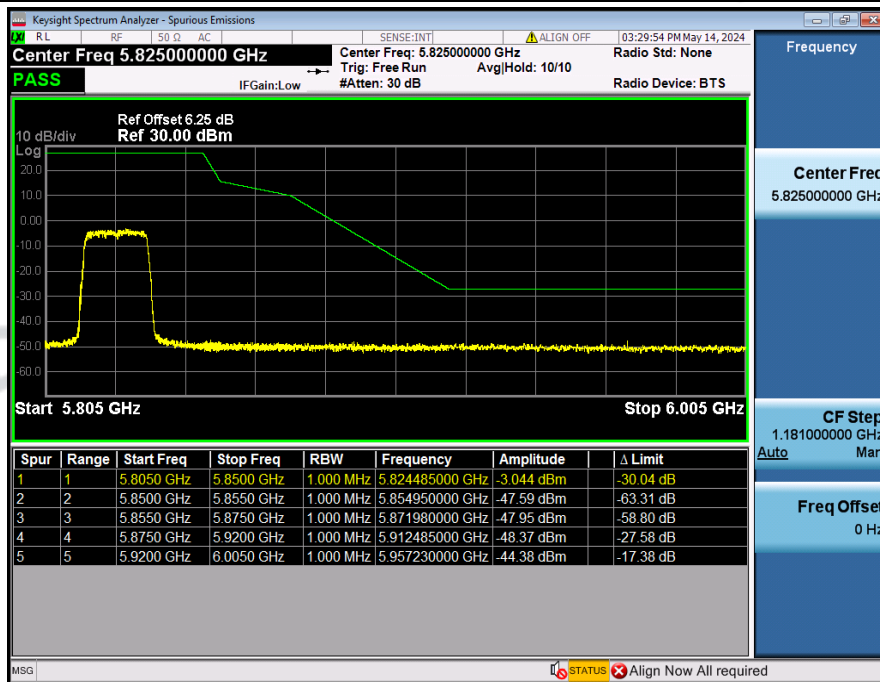
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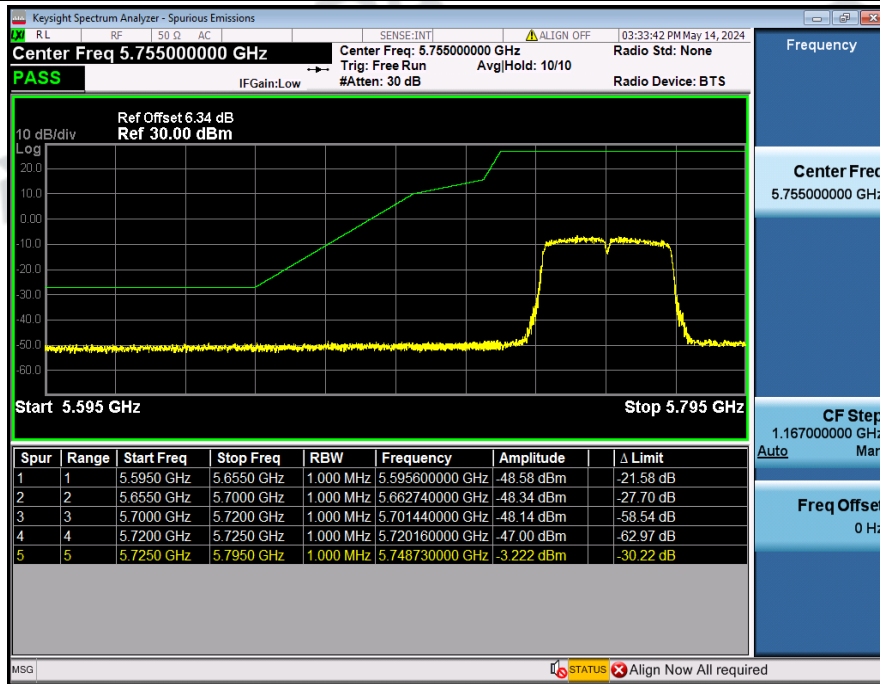
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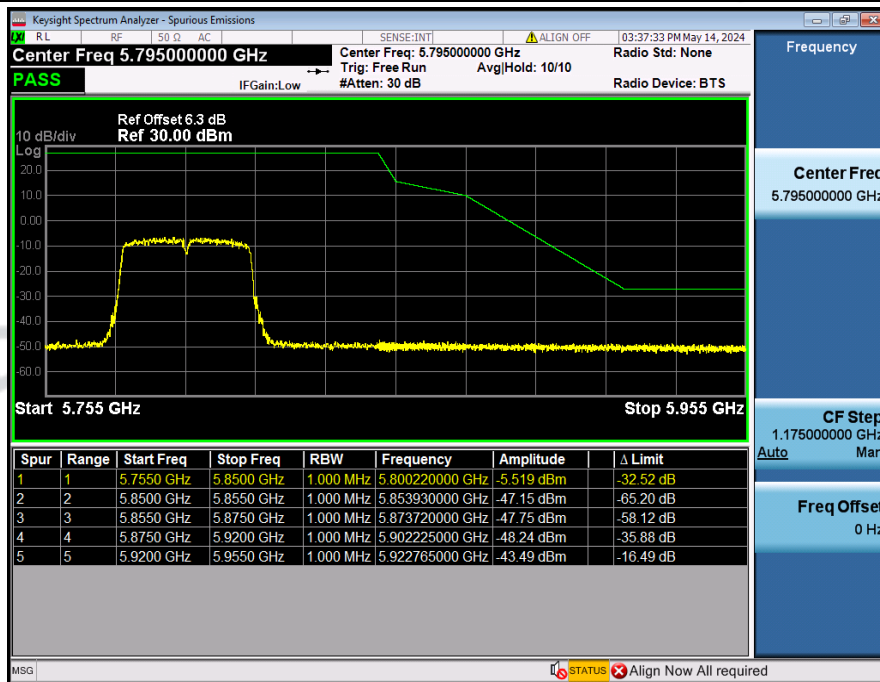
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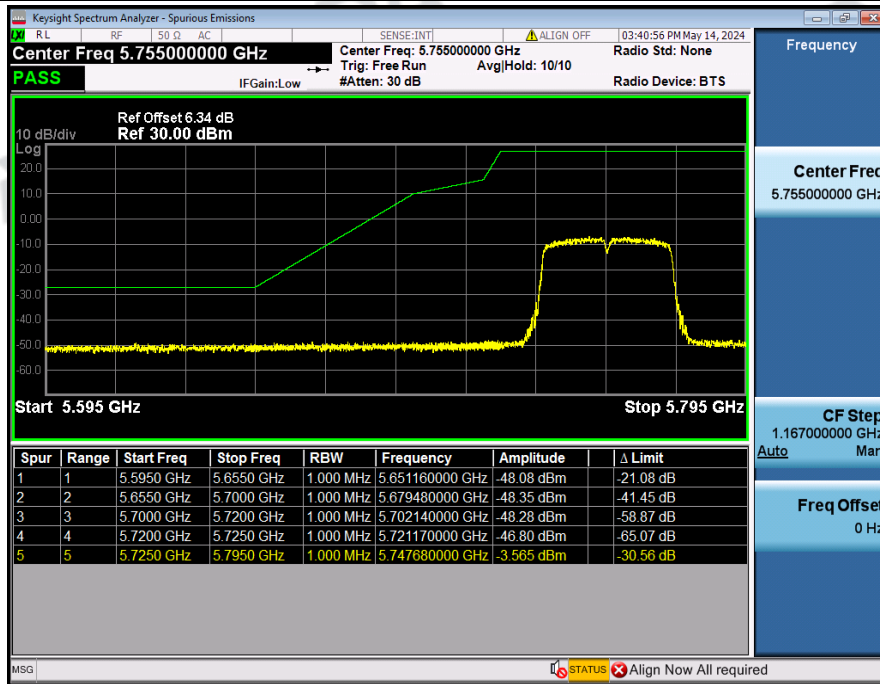
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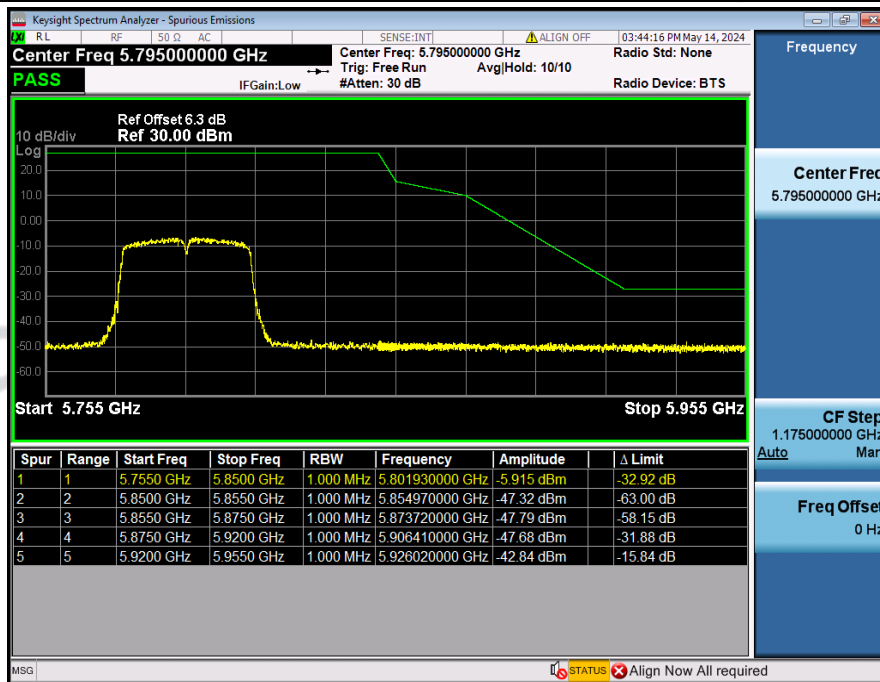
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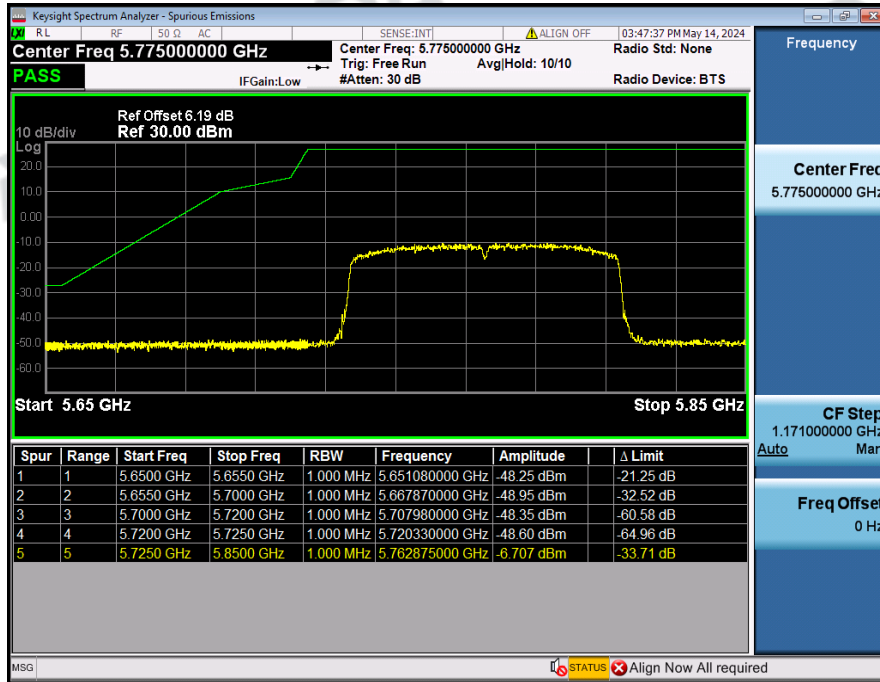
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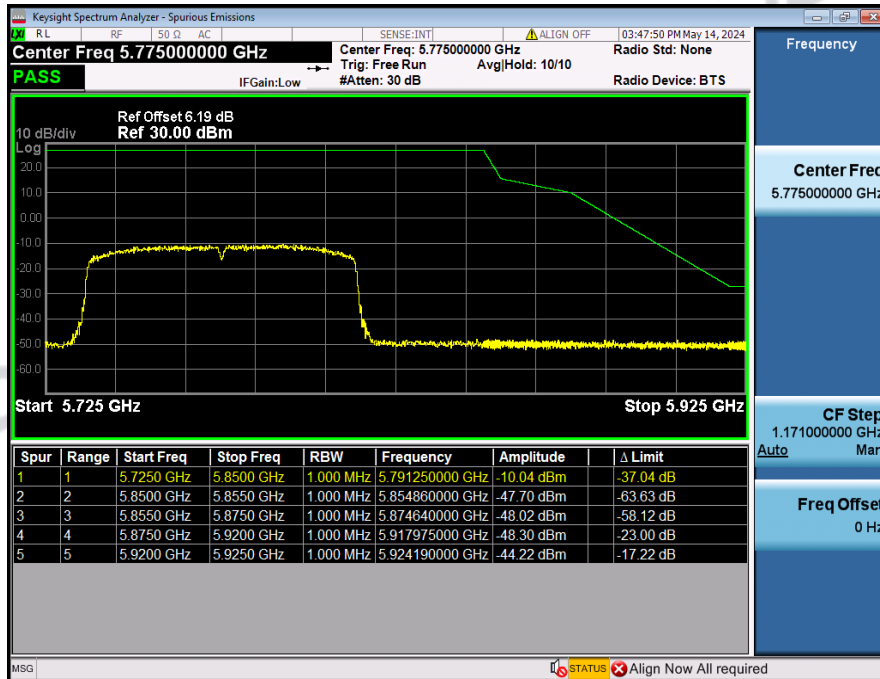
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Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_low



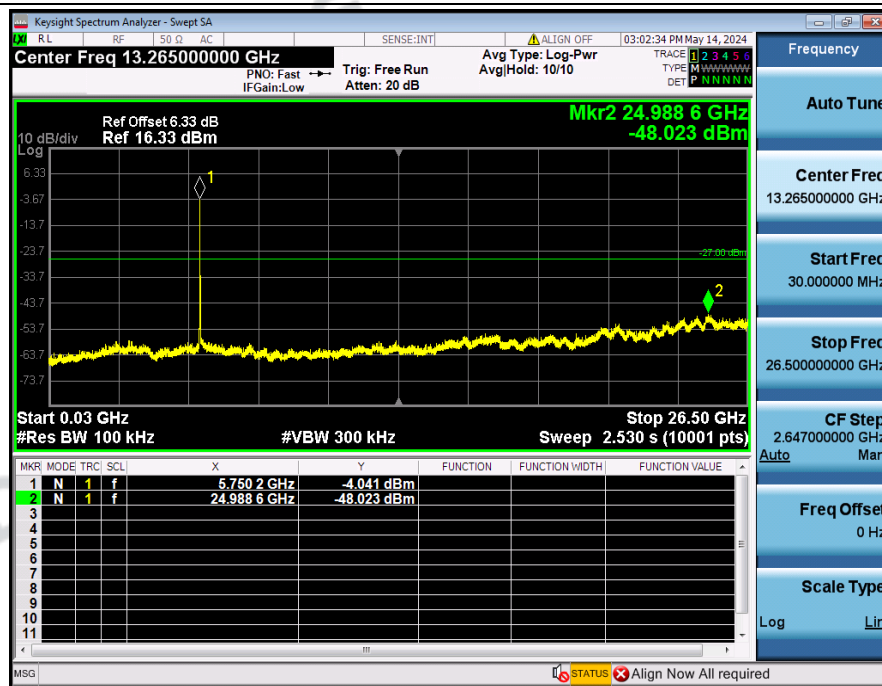
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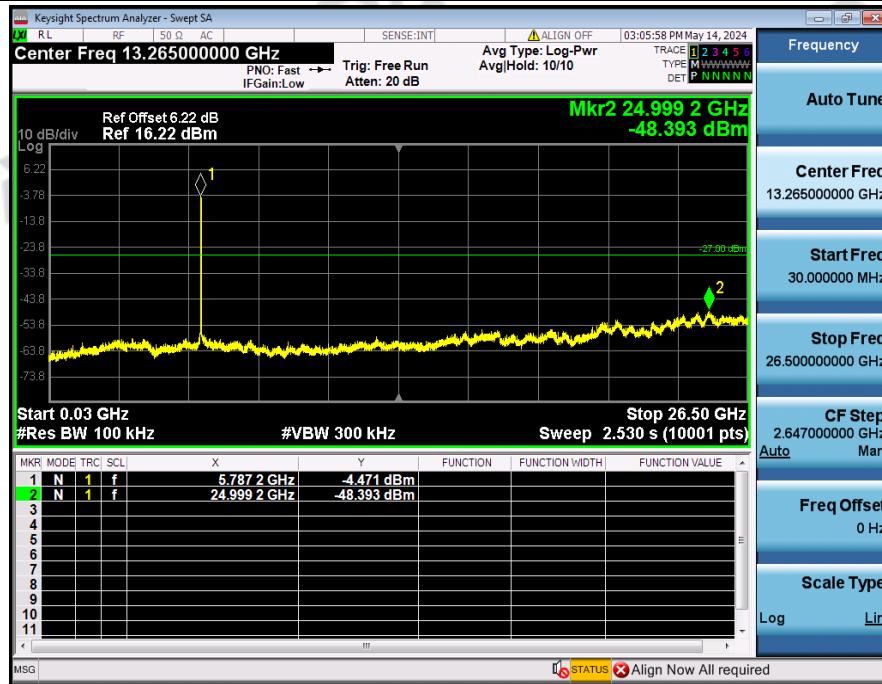
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	24988.56	-48.02	-27	Pass
NVNT	ANT1	802.11a	5785.00	24999.15	-48.39	-27	Pass
NVNT	ANT1	802.11a	5825.00	25049.44	-48.38	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	25060.03	-48.46	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	25120.91	-48.32	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	24996.50	-47.81	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	25073.27	-48.58	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	24988.56	-48.52	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	24946.21	-47.99	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	24980.62	-48.18	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	24972.68	-48.58	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	24559.75	-48.32	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	25067.97	-48.35	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	25022.97	-48.25	-27	Pass

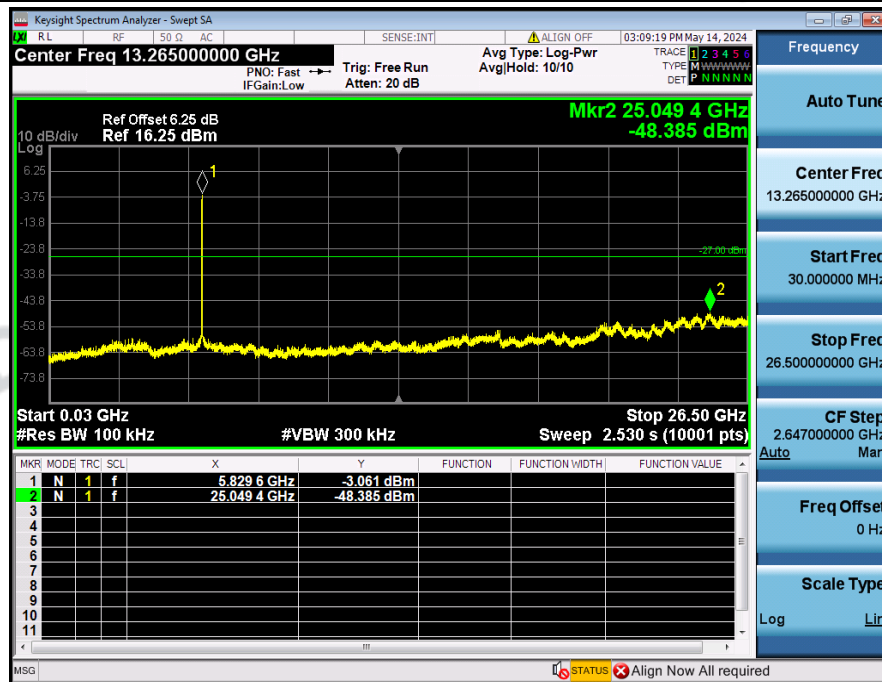
Spurious_Emission_NVNT_ANT1_802_11a_5745



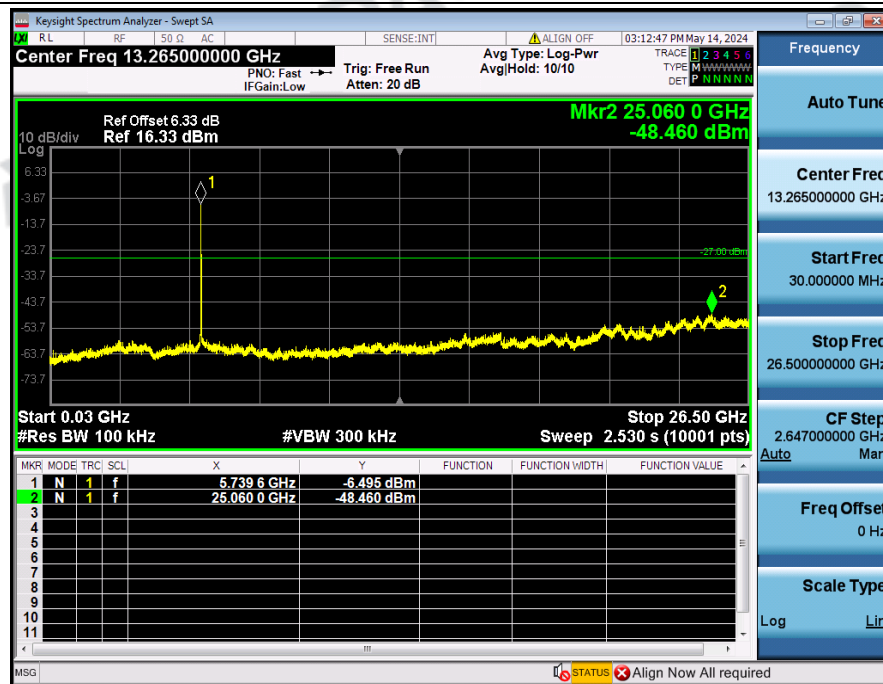
Spurious_Emission_NVNT_ANT1_802_11a_5785



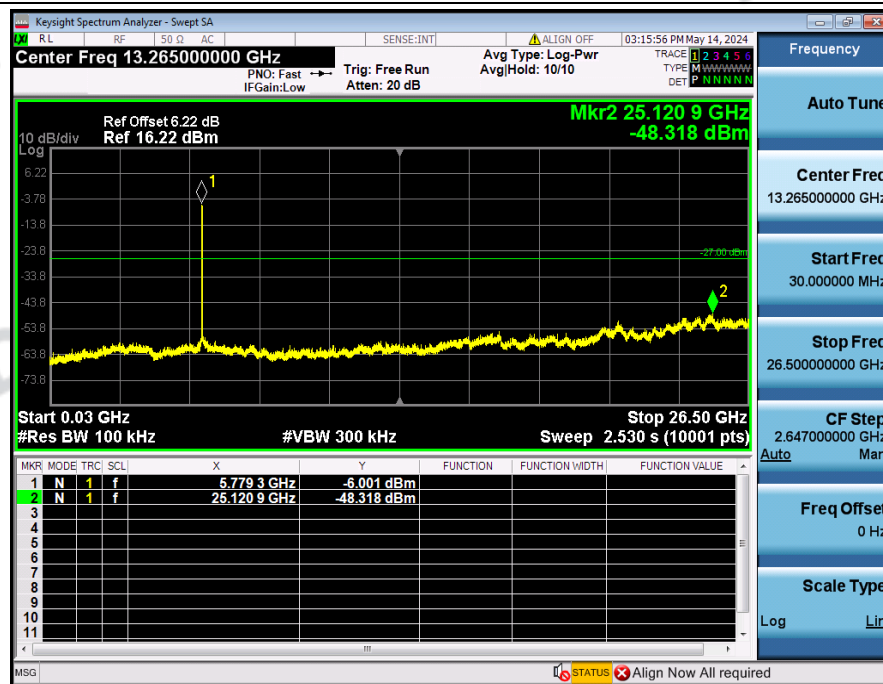
Spurious_Emission_NVNT_ANT1_802_11a_5825



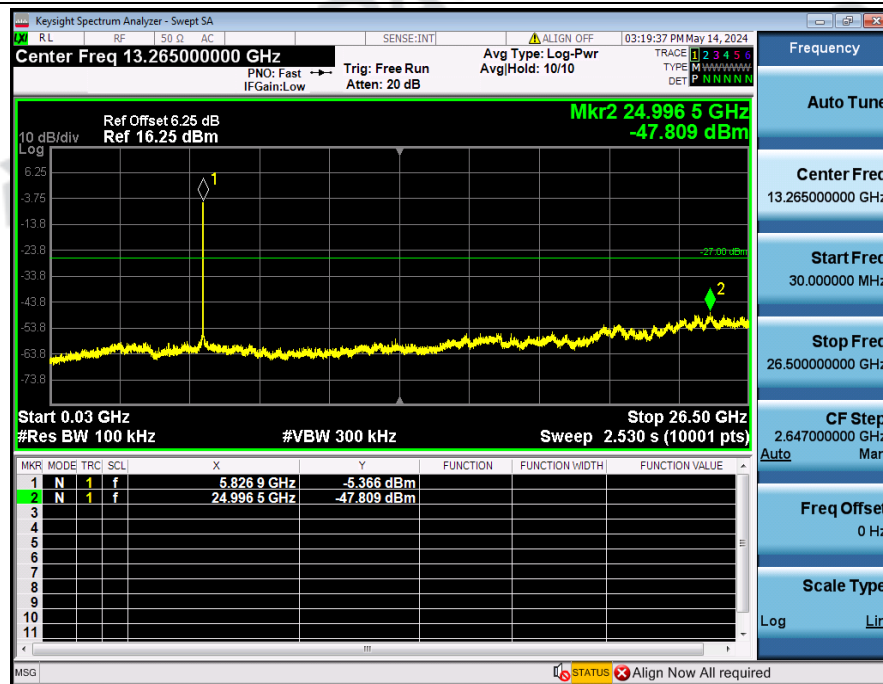
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5745



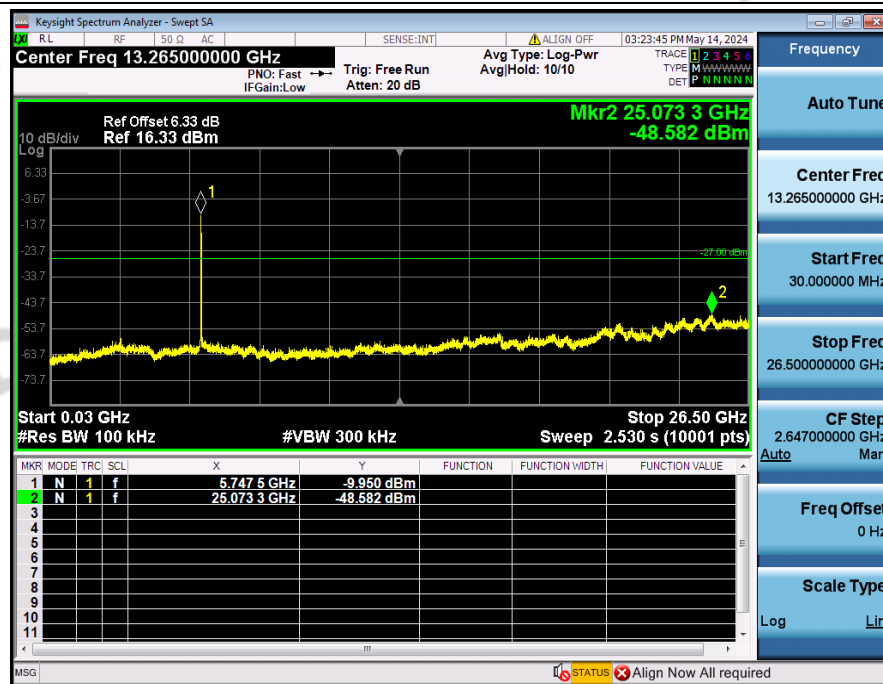
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5785



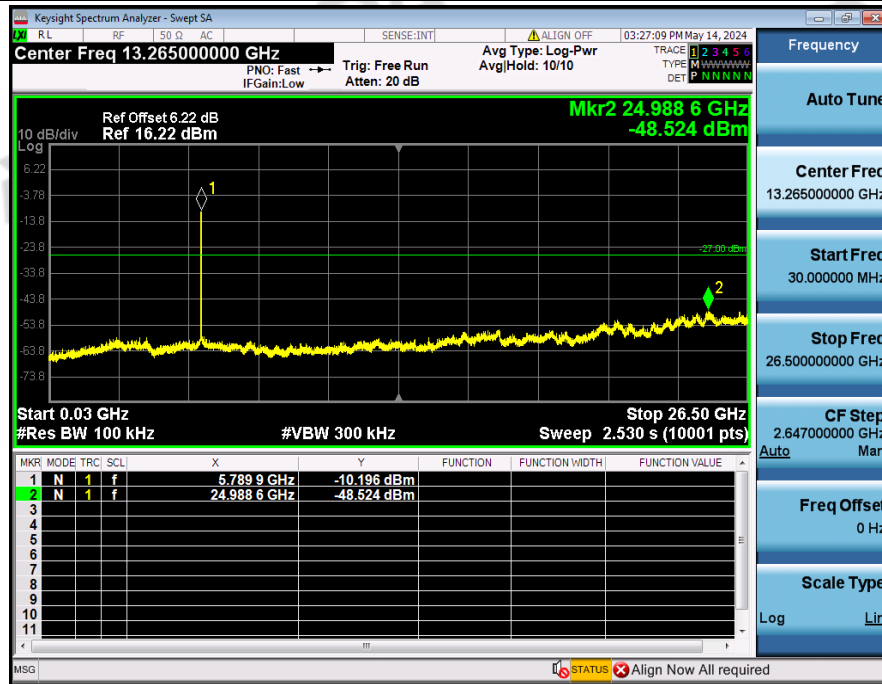
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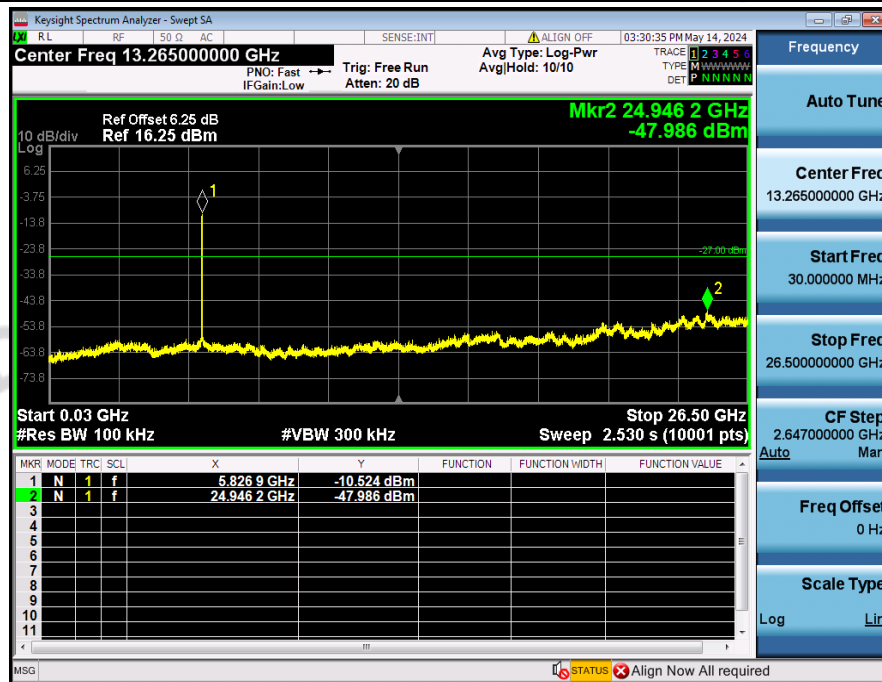
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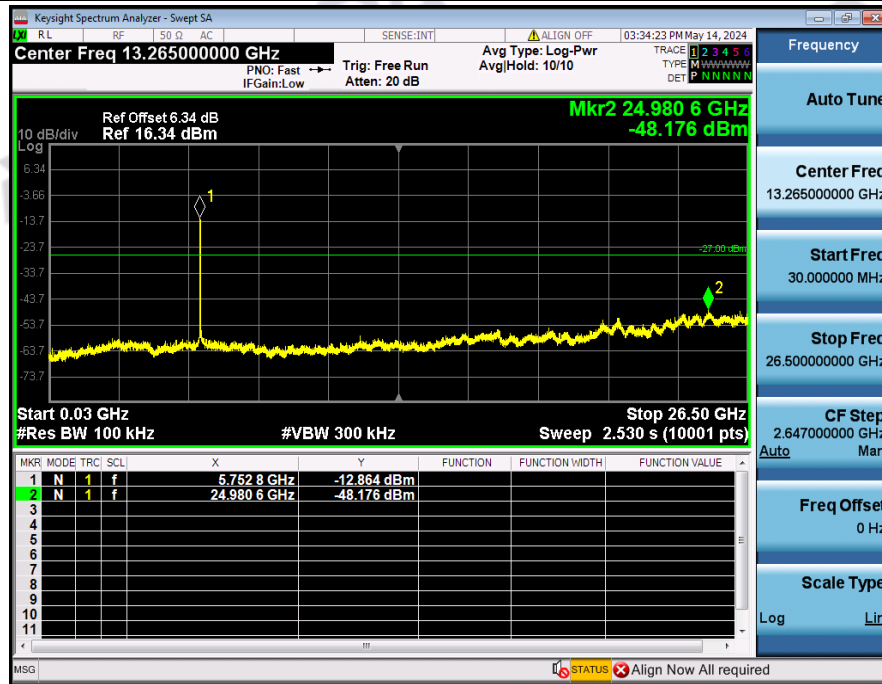
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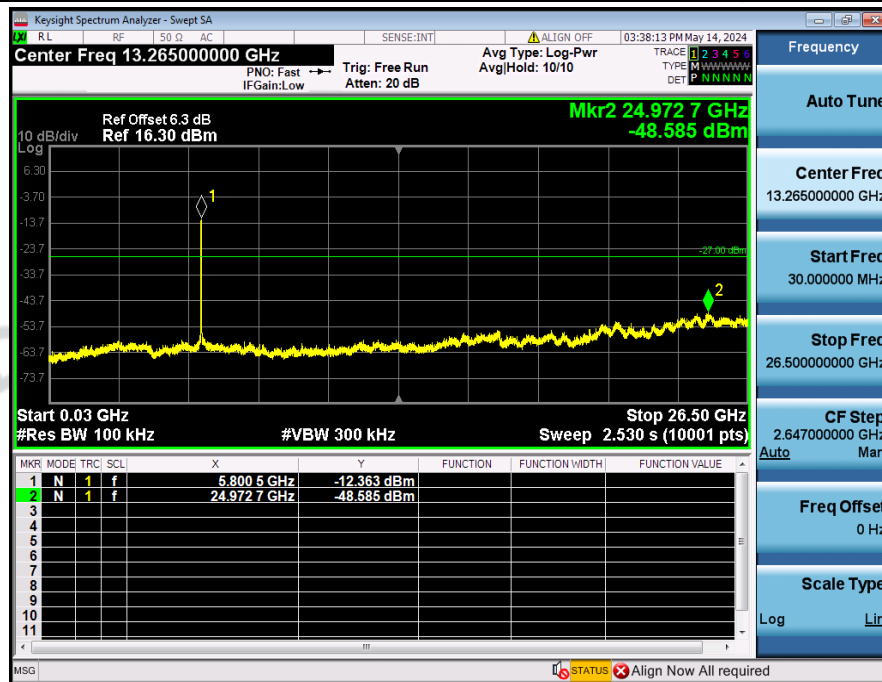
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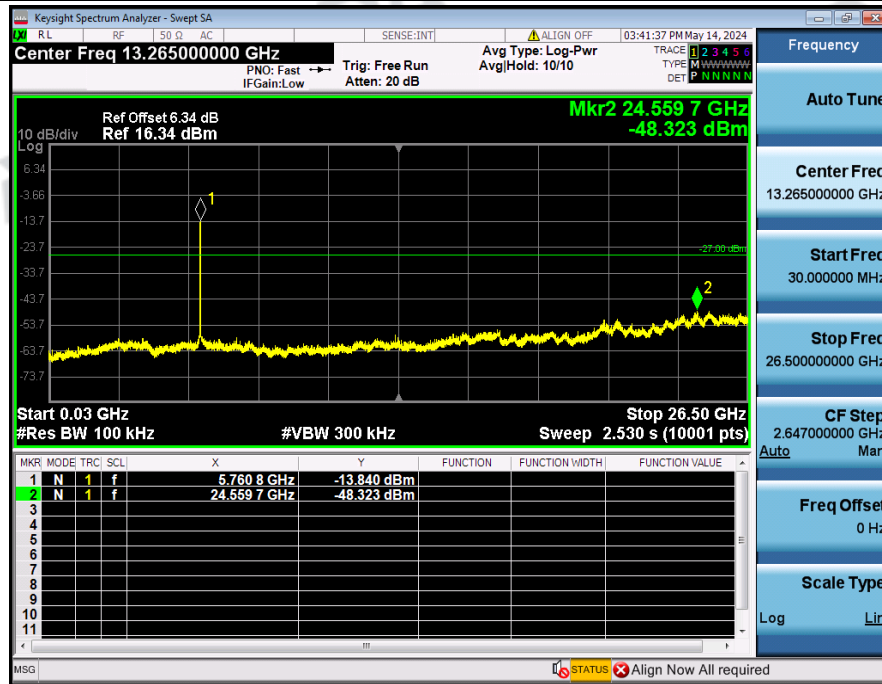
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5755



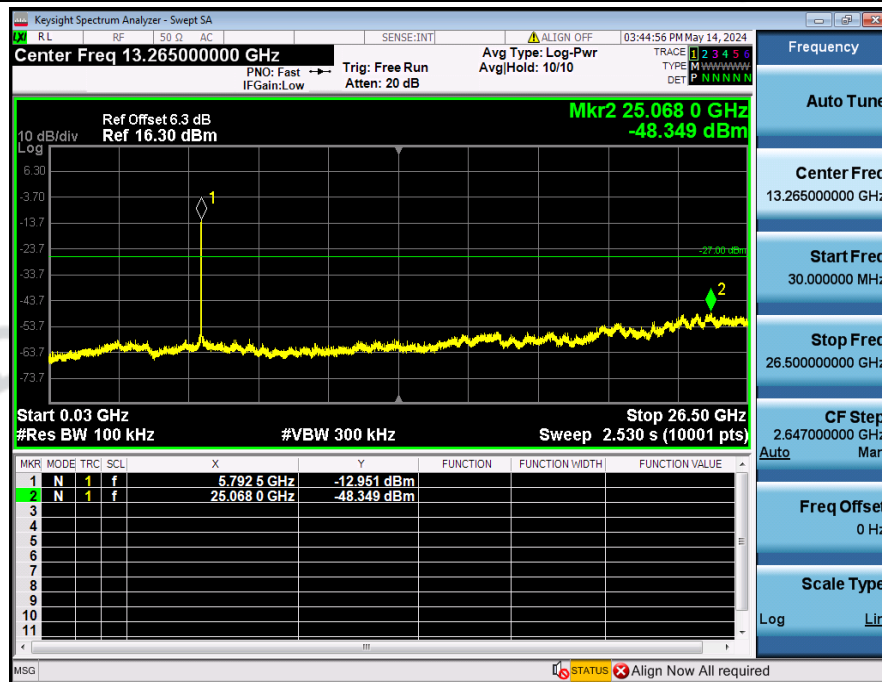
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5795



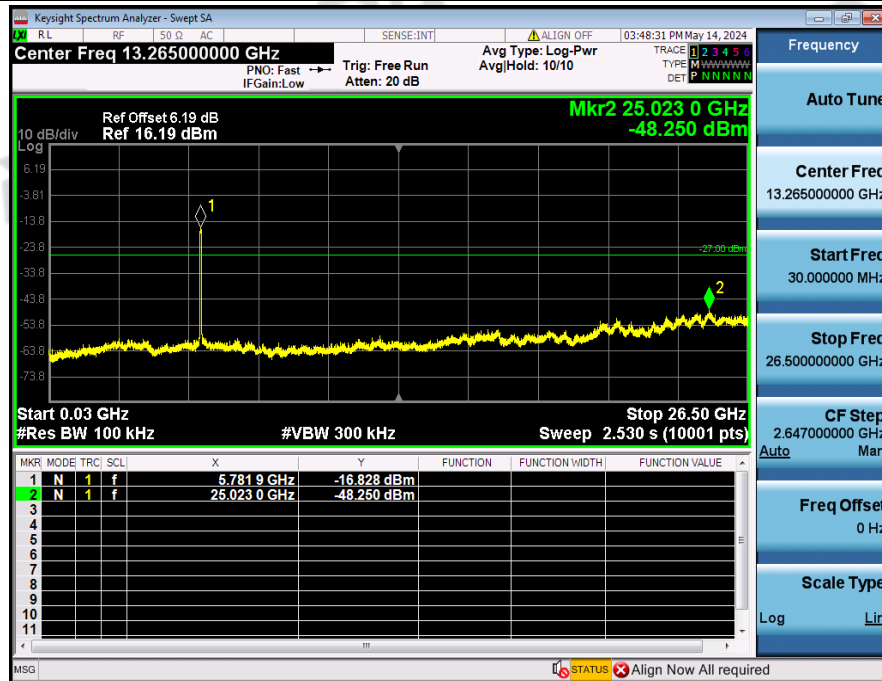
Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5755



Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5795



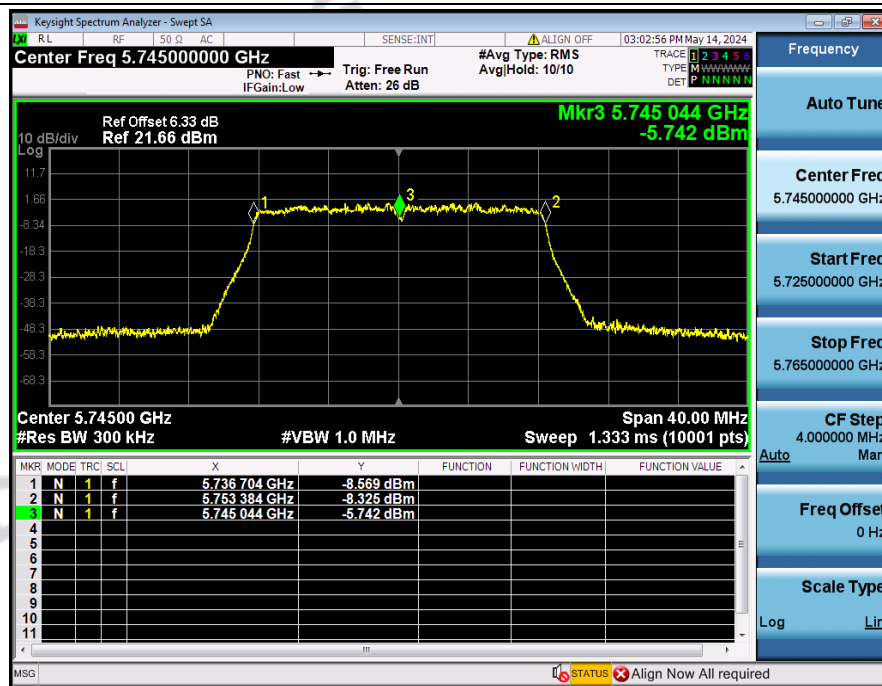
Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_5775



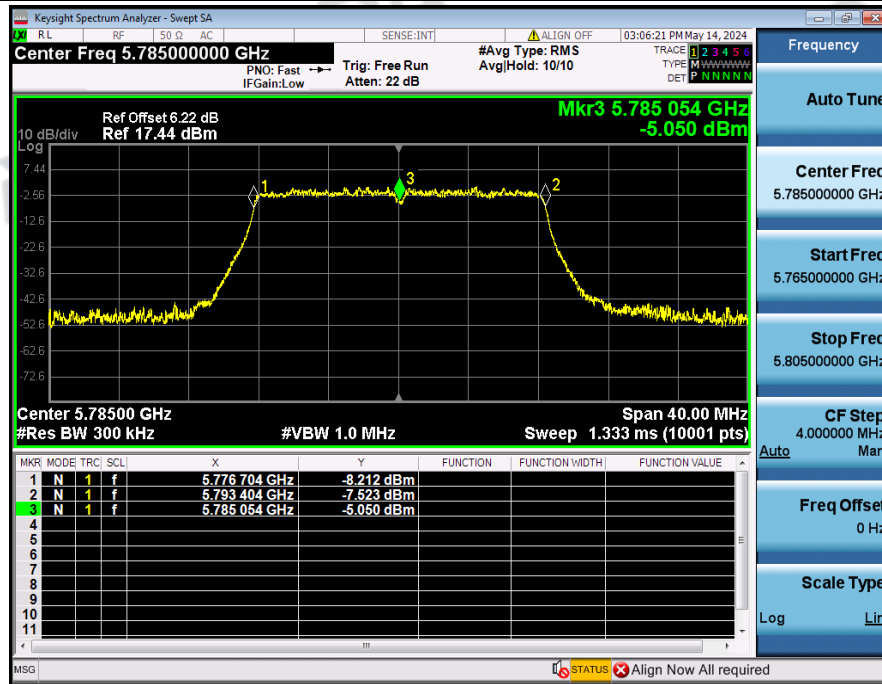
7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	5745.044	5736.704	5753.384	5725~5850	Pass
NVNT	ANT1	802.11a	5785.00	5785.054	5776.704	5793.404	5725~5850	Pass
NVNT	ANT1	802.11a	5825.00	5825.066	5816.716	5833.416	5725~5850	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	5745.054	5736.140	5753.968	5725~5850	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	5785.044	5776.096	5793.992	5725~5850	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	5825.062	5816.116	5834.008	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	5745.276	5736.360	5754.192	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	5785.352	5776.432	5794.272	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	5825.368	5816.452	5834.284	5725~5850	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	5755.360	5737.136	5773.584	5725~5850	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	5795.364	5777.112	5813.616	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	5755.392	5737.184	5773.600	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	5795.400	5777.208	5813.592	5725~5850	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	5775.438	5737.644	5813.232	5725~5850	Pass

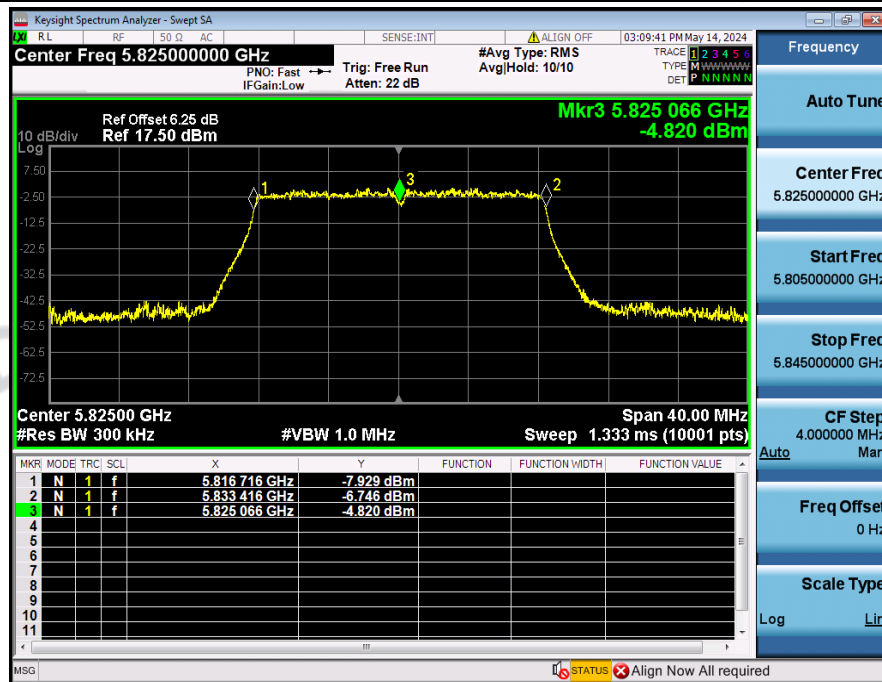
Frequency_Stability_NVNT_ANT1_802_11a_5745



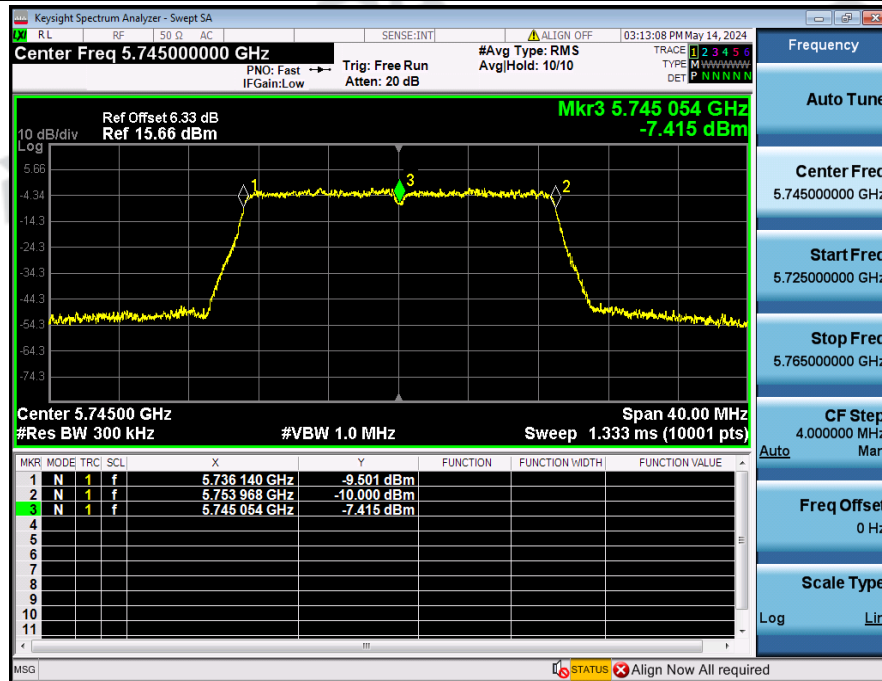
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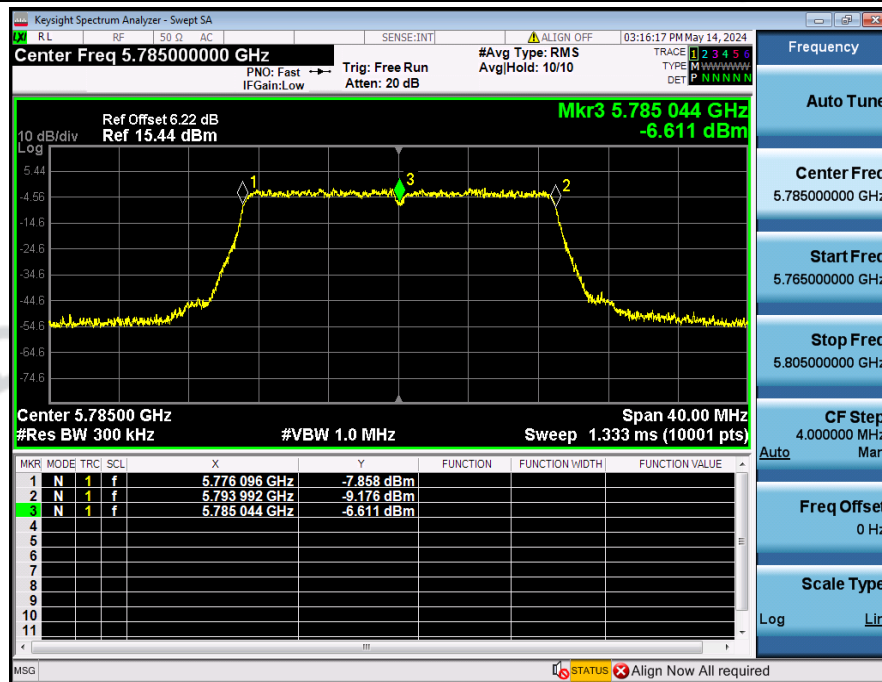
Frequency_Stability_NVNT_ANT1_802_11a_5825



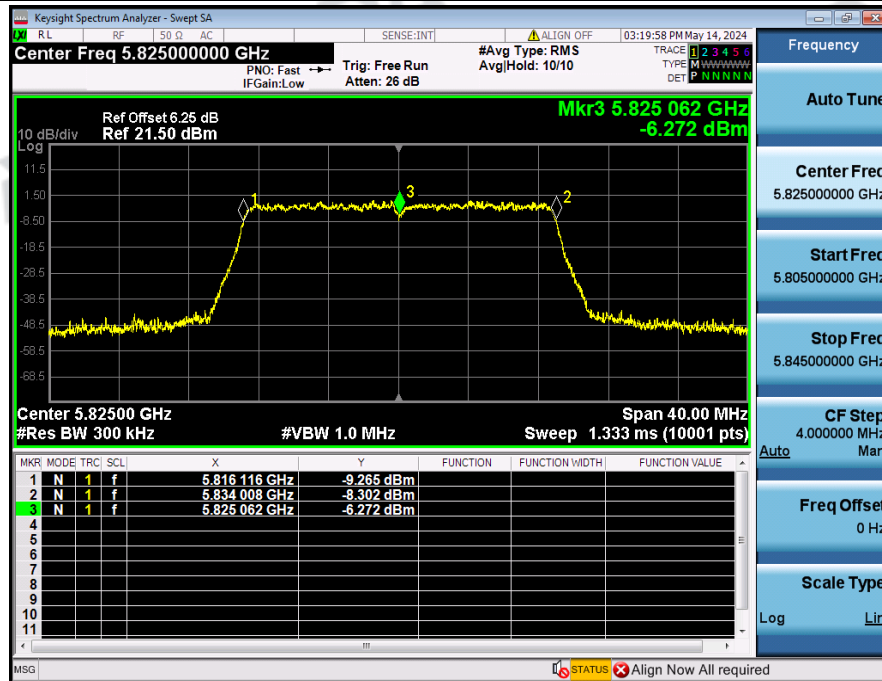
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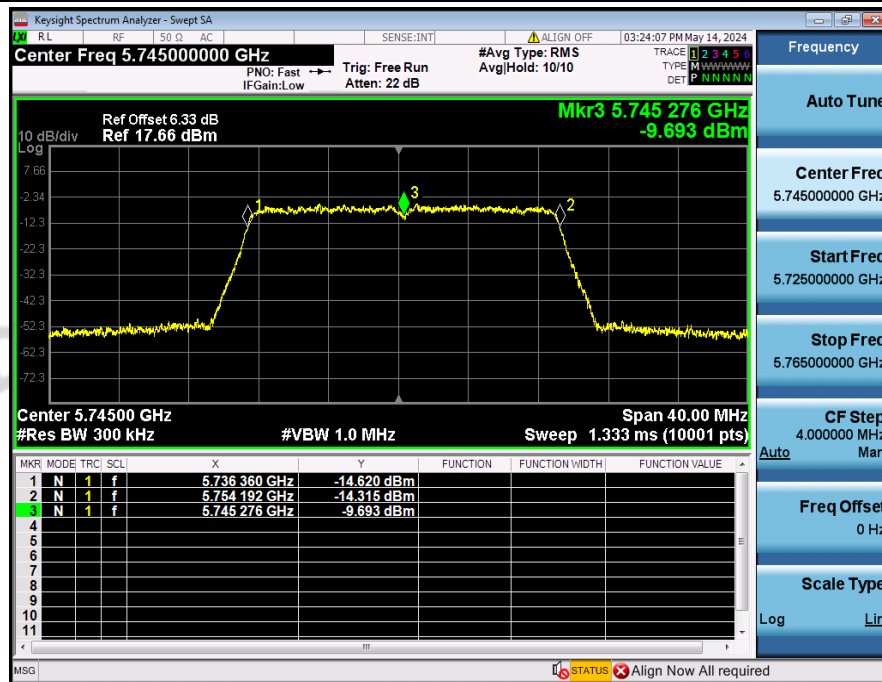
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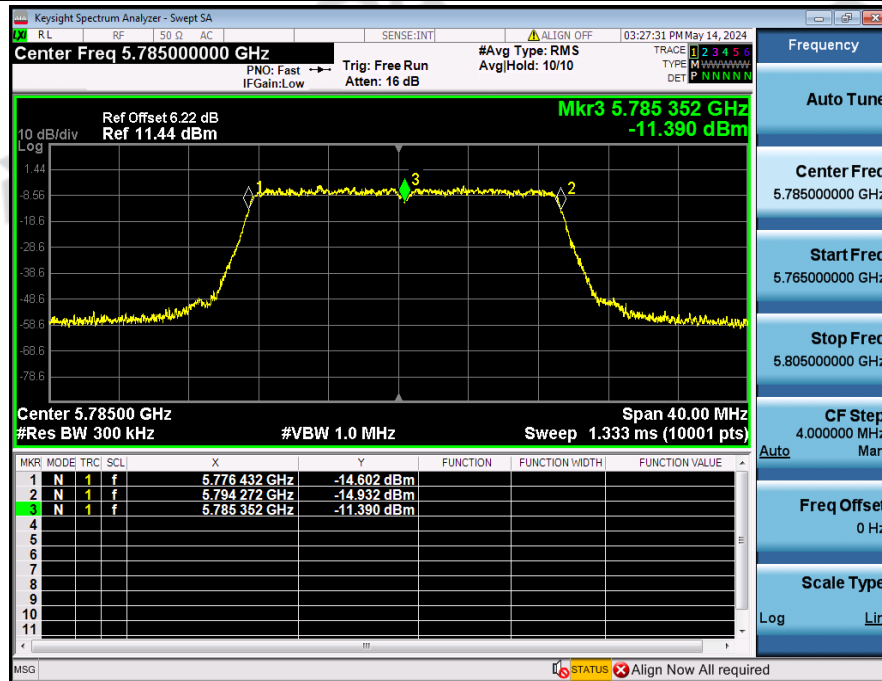
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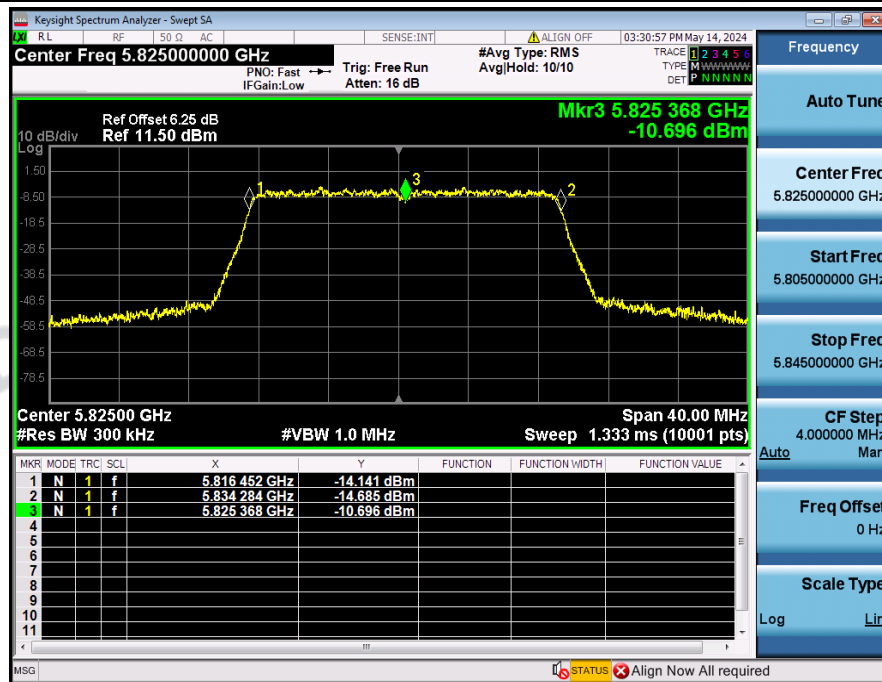
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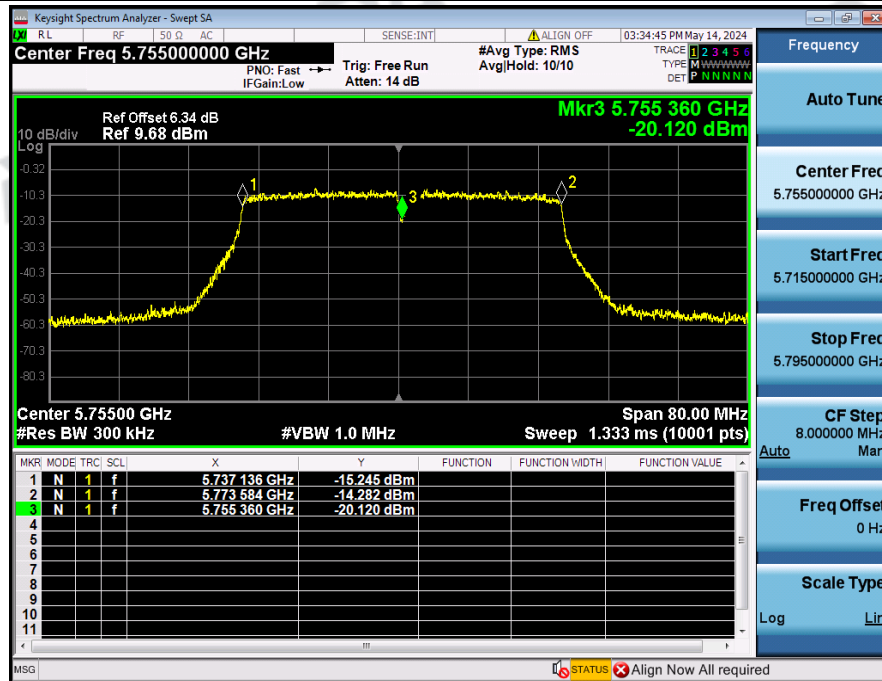
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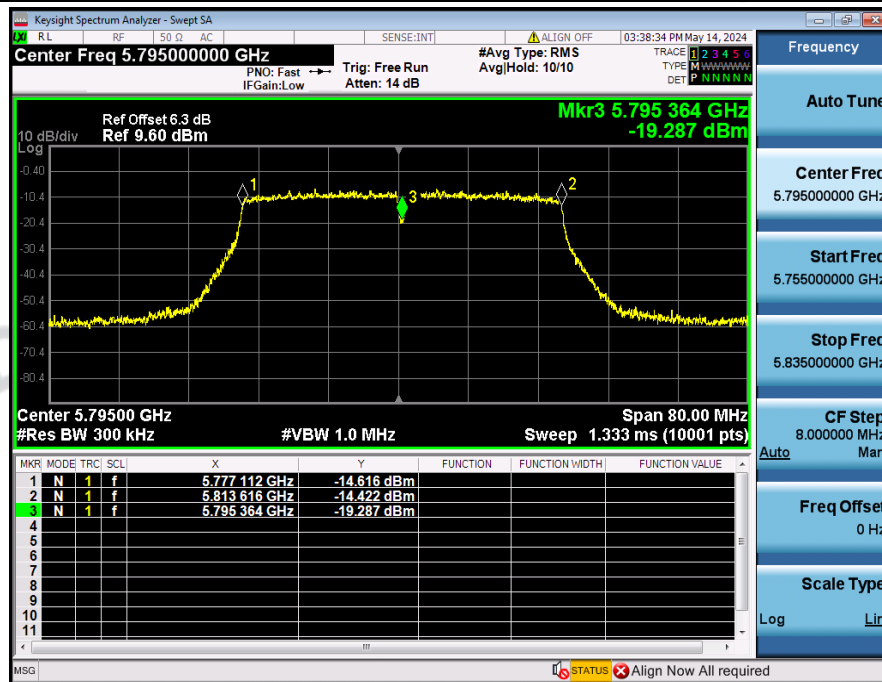
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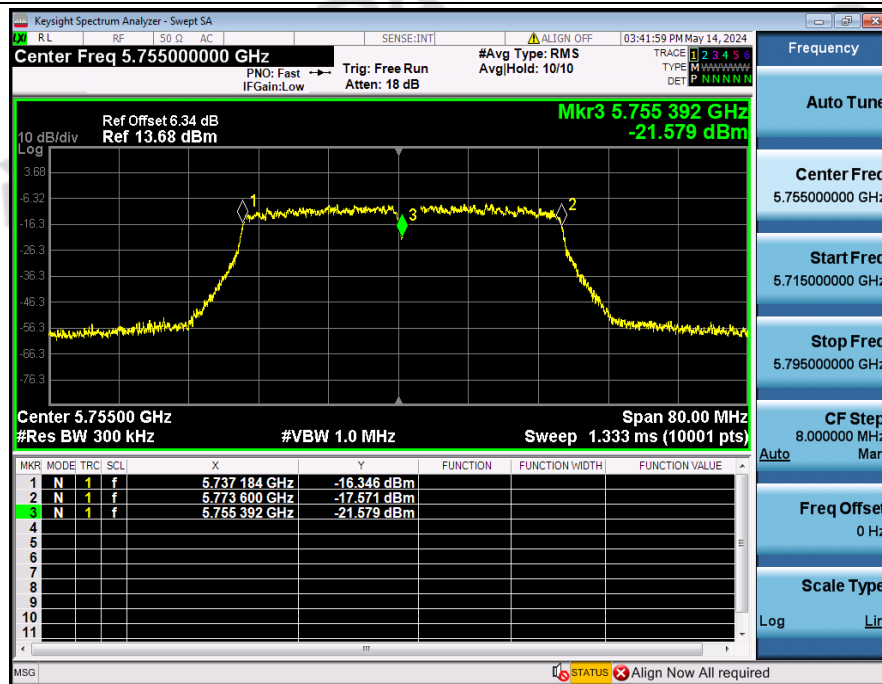
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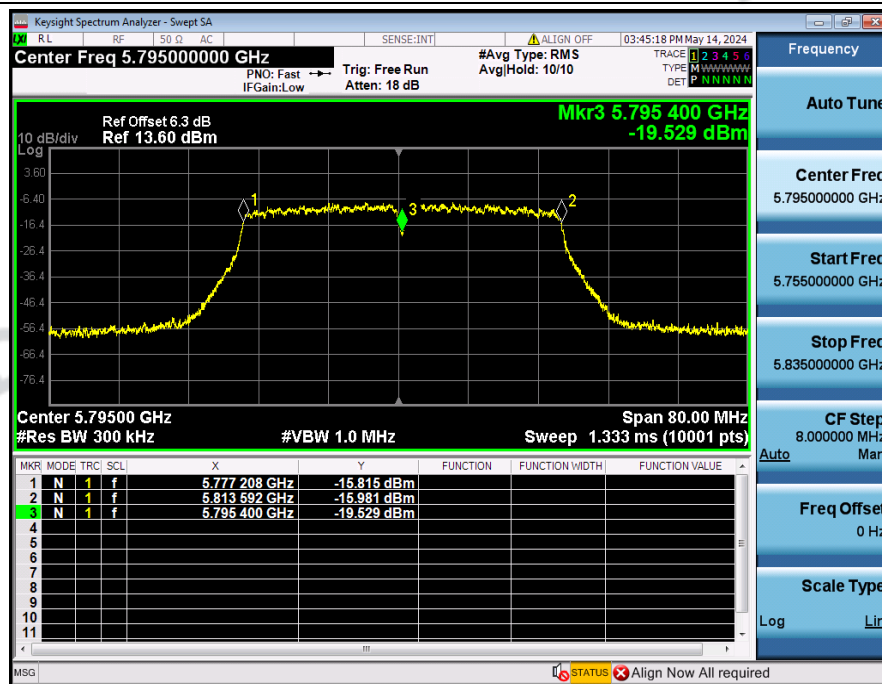
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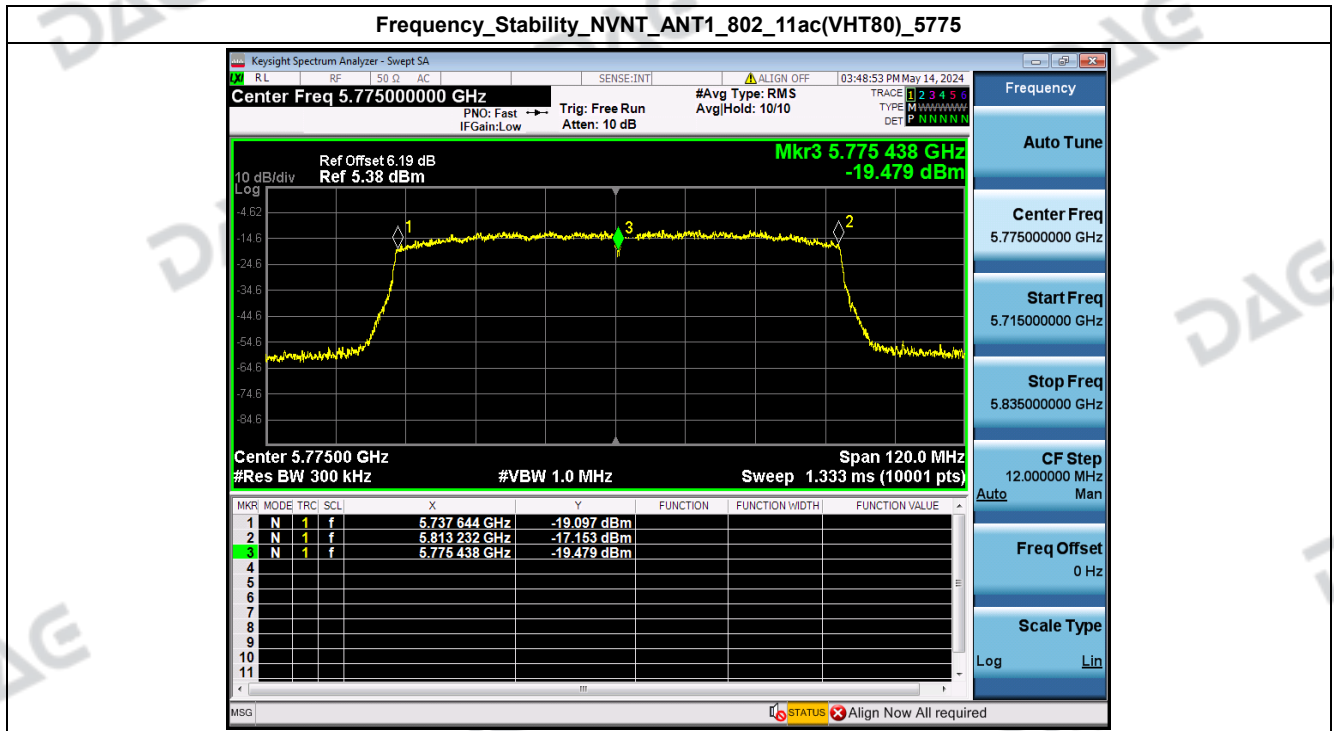


Frequency_Stability_NVNT_ANT1_802_11ac(VHT40)_5755



Frequency_Stability_NVNT_ANT1_802_11ac(VHT40)_5795





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