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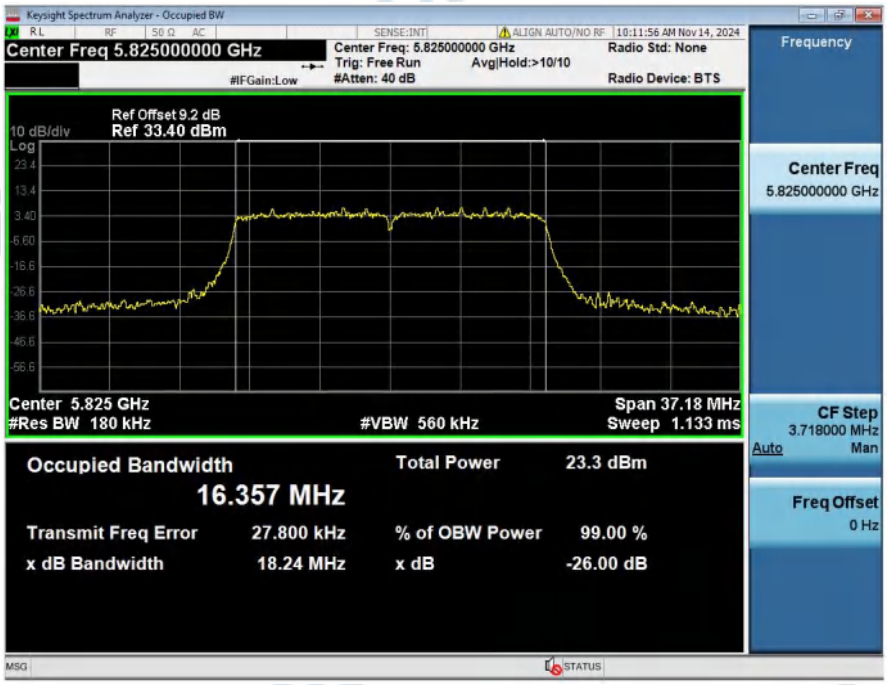
99%_OCB_NVNT_ANT2_802_11a_5825

-26BW_NVNT_ANT2_802_11a_5825



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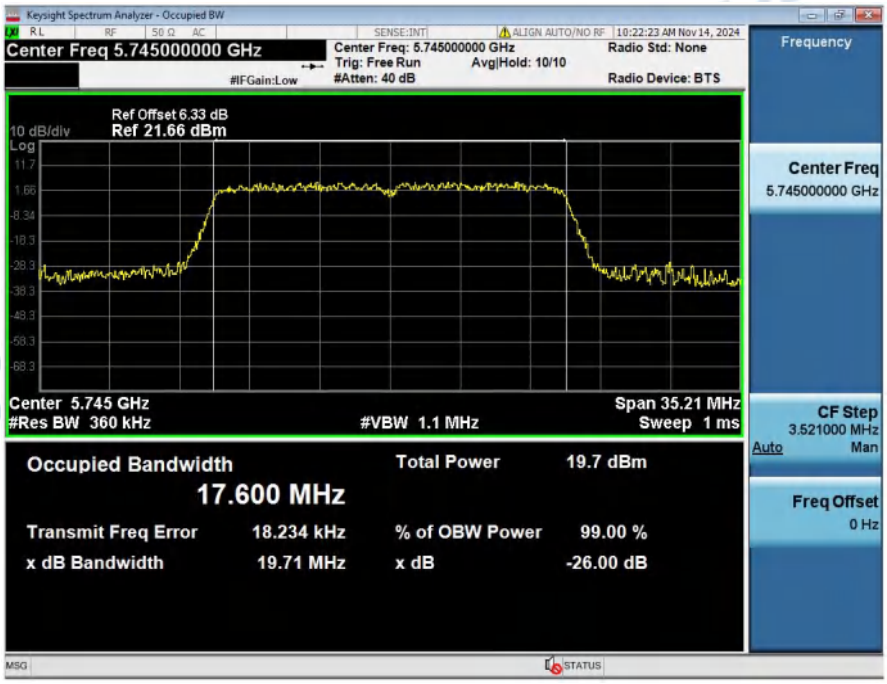

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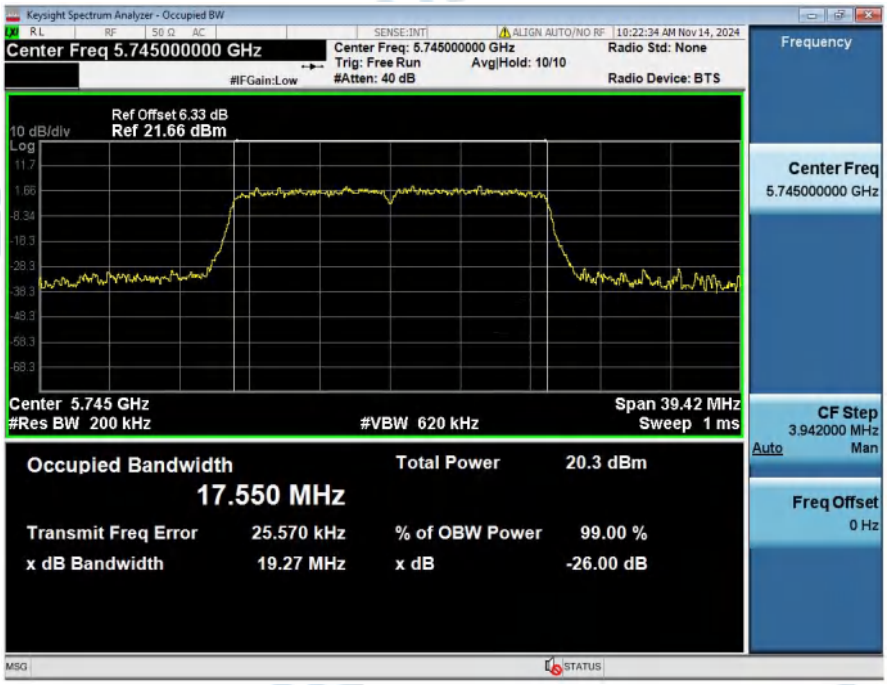

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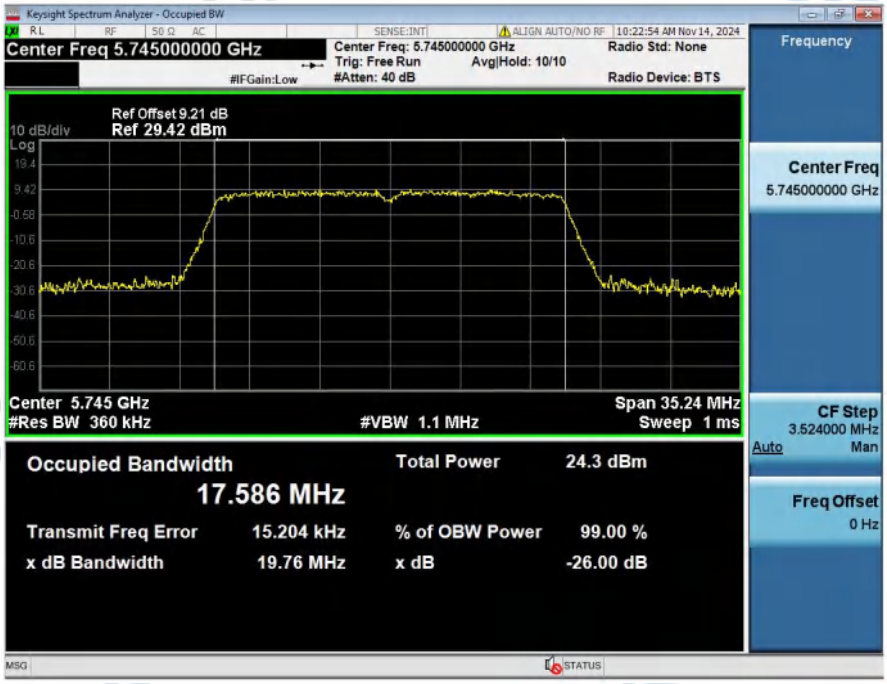

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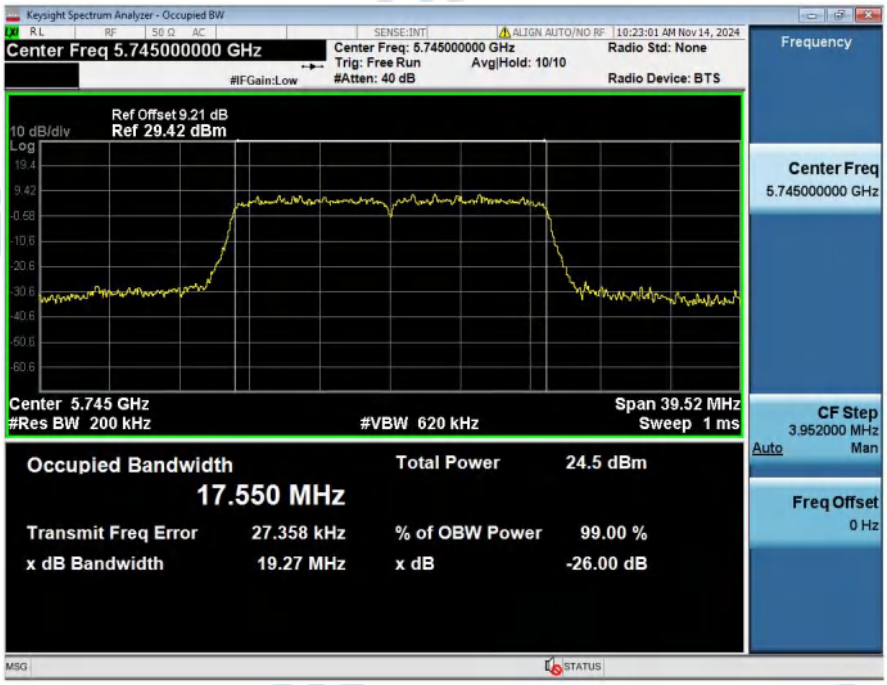

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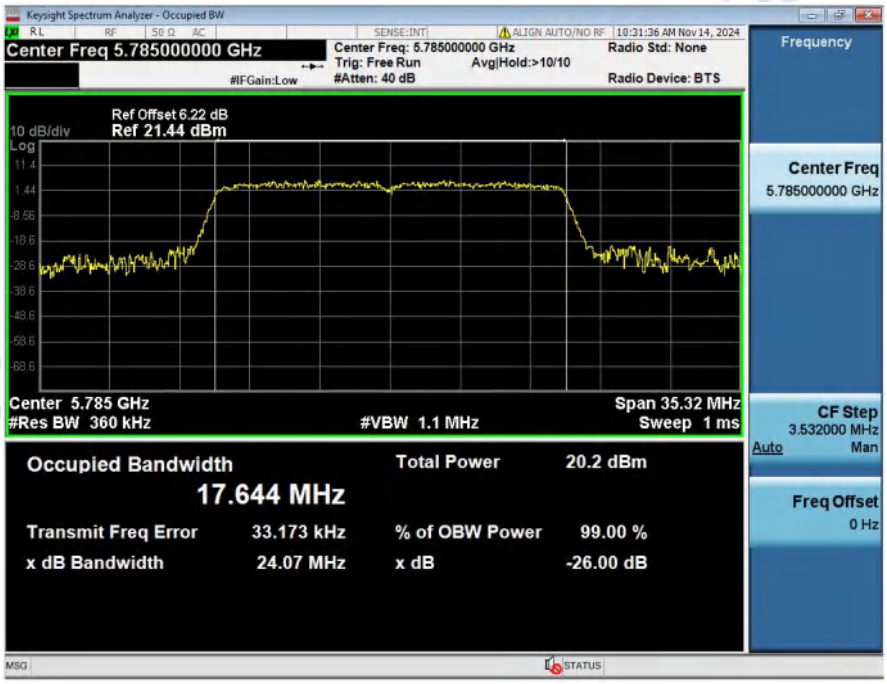

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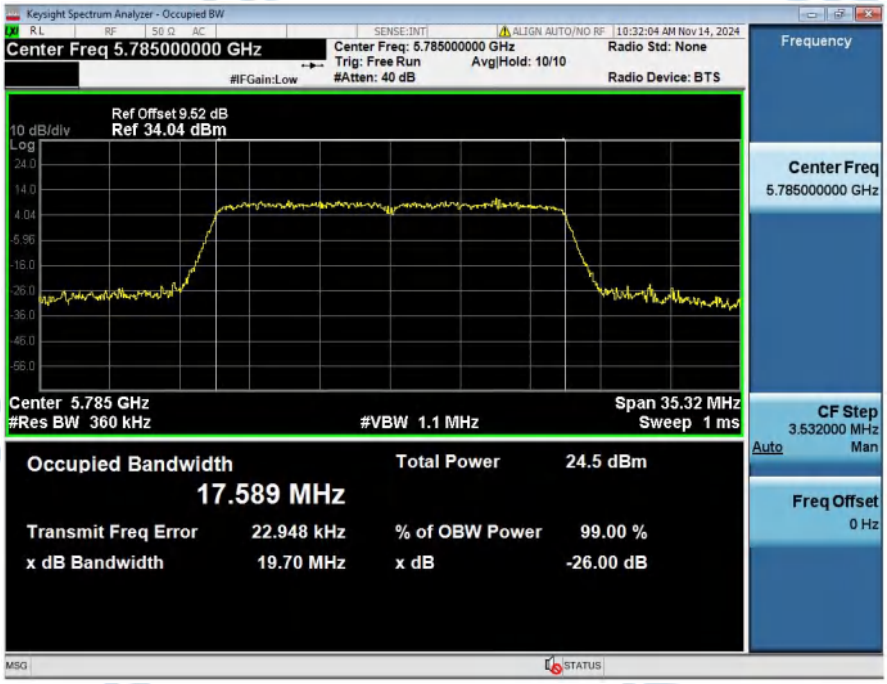

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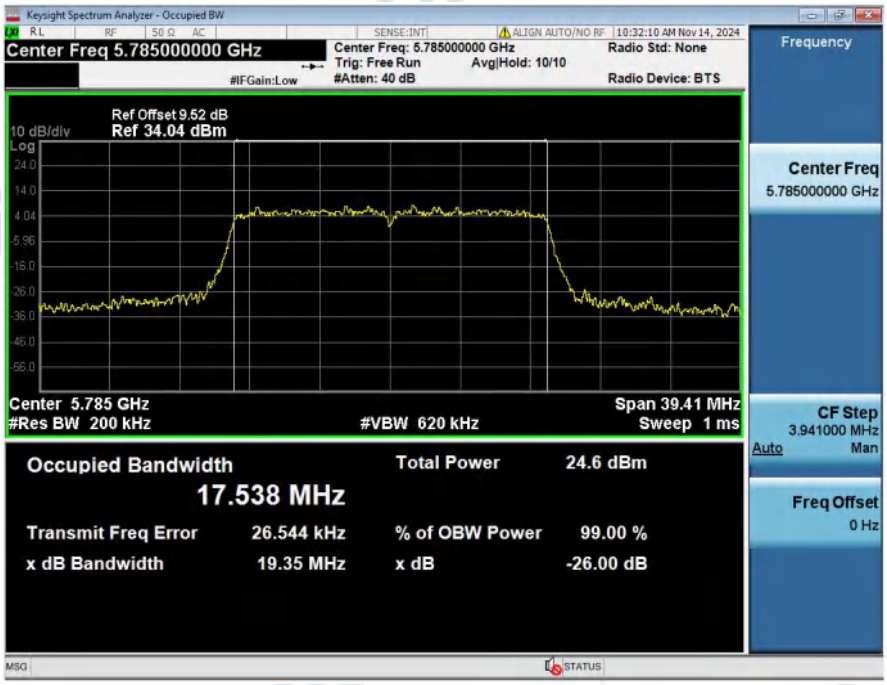

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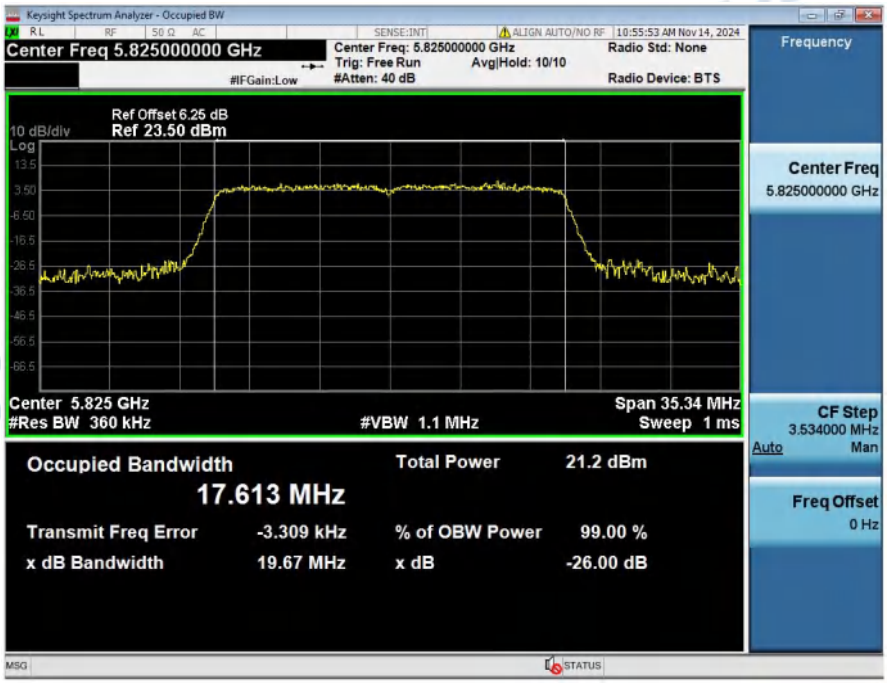

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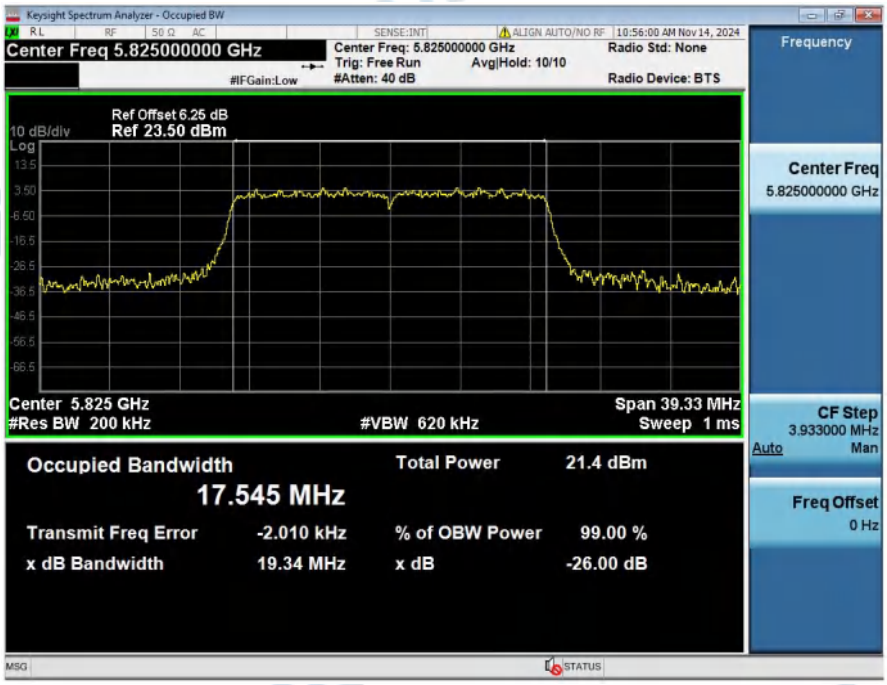

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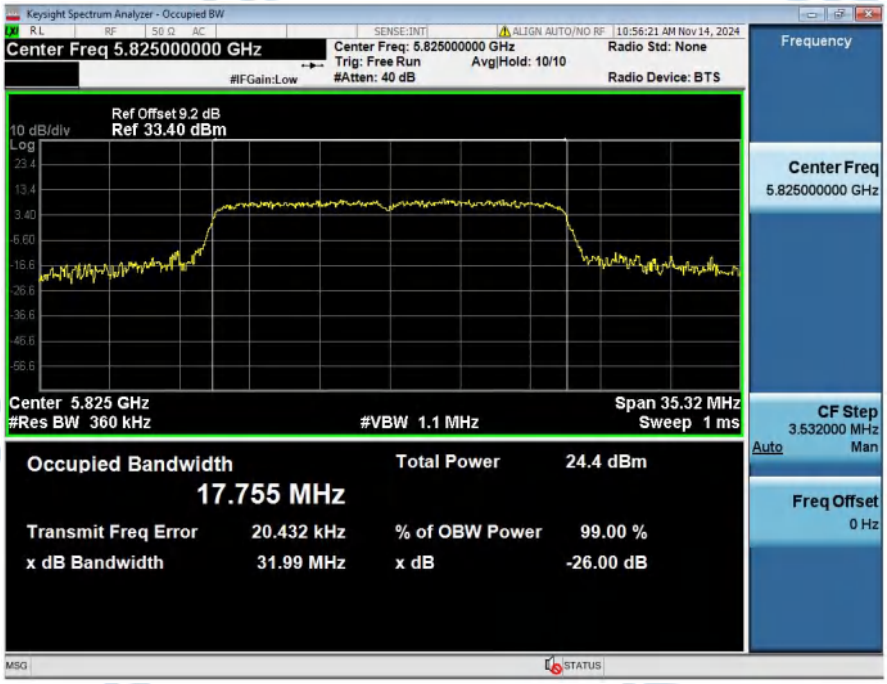

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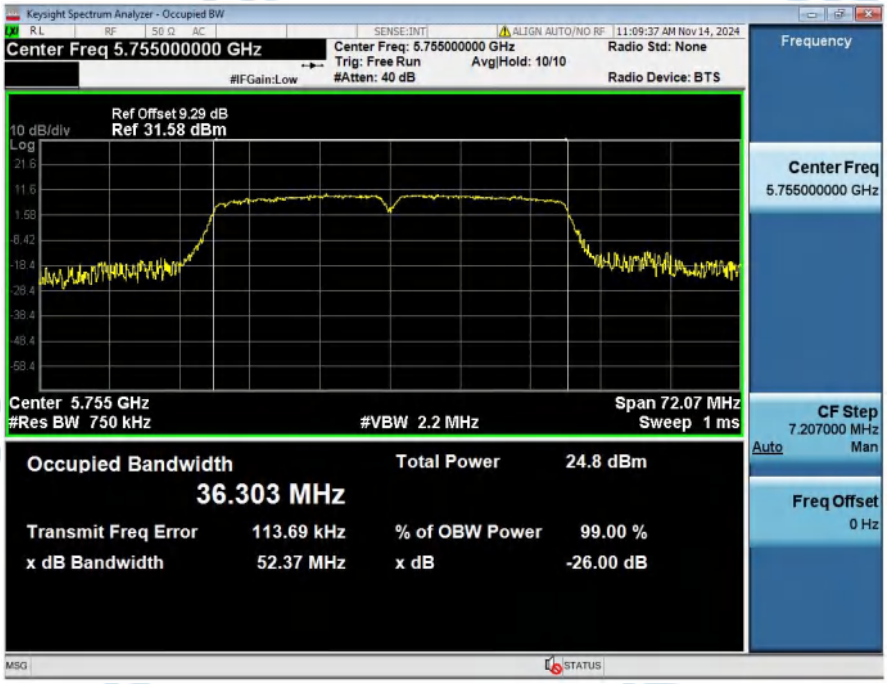
99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5755

-26BW_NVNT_ANT1_802_11ac(VHT40)_5755

99%_OCB_NVNT_ANT2_802_11ac(VHT40)_5755



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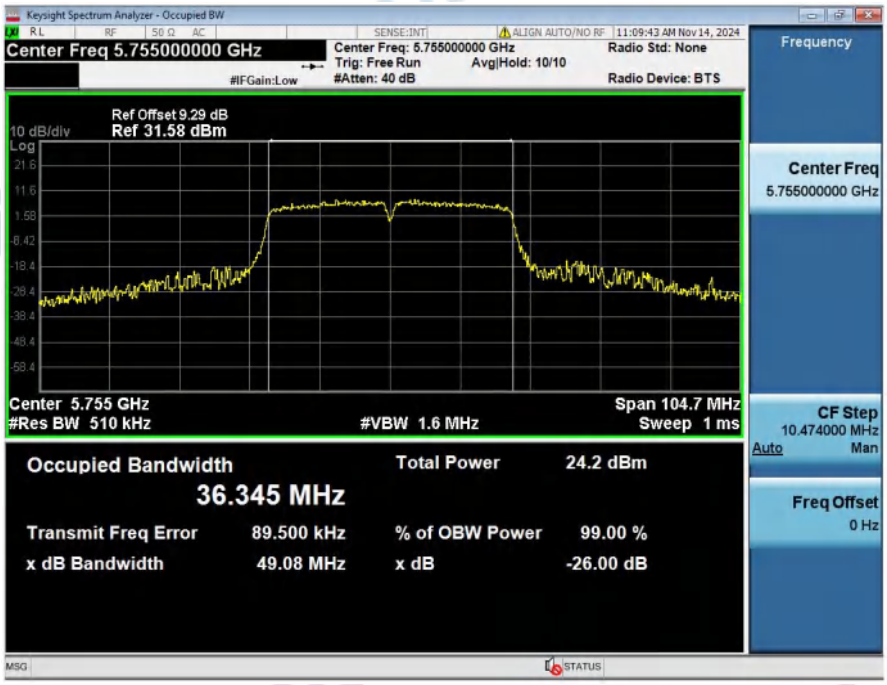

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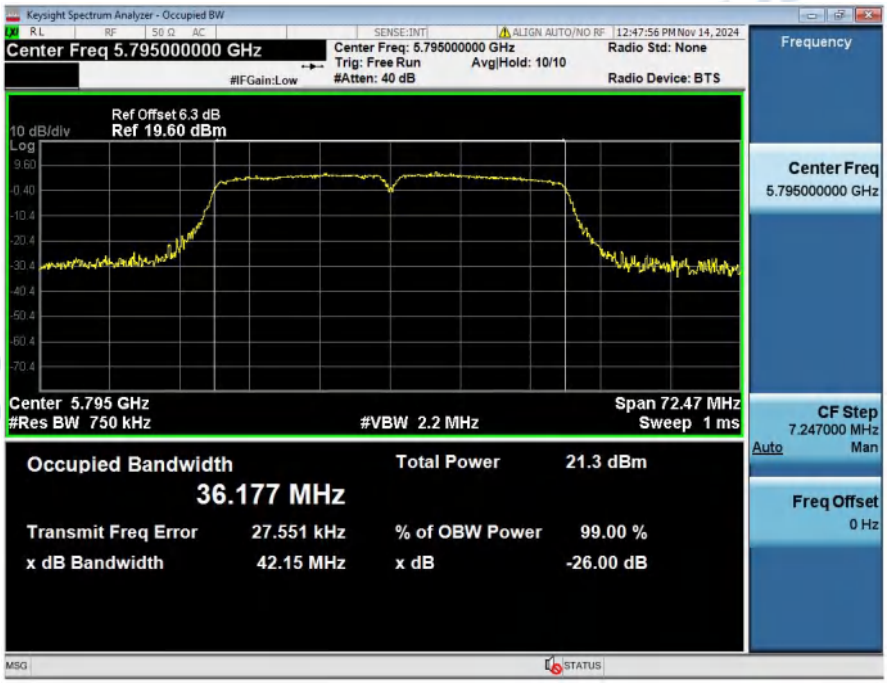

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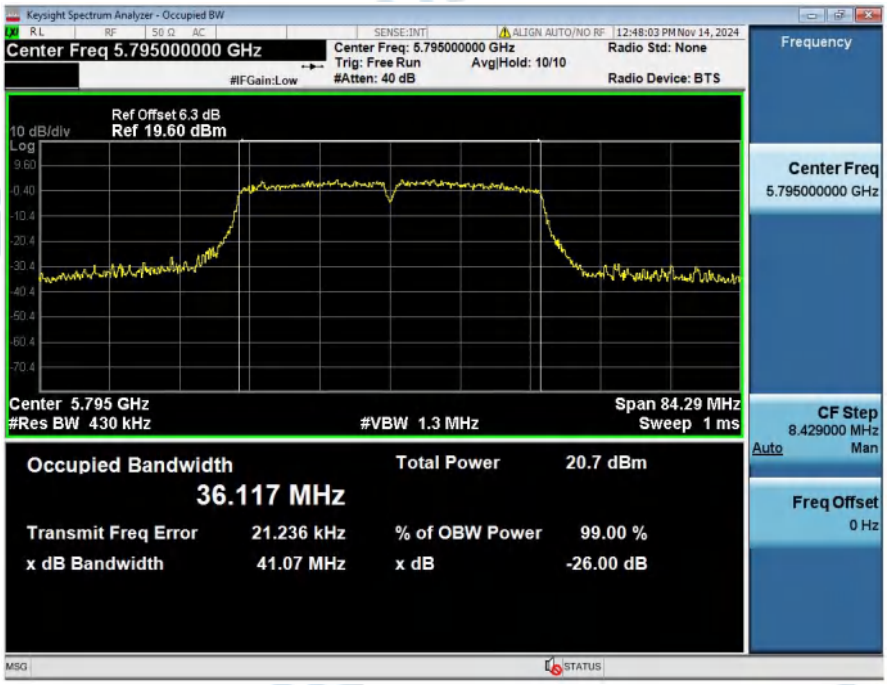

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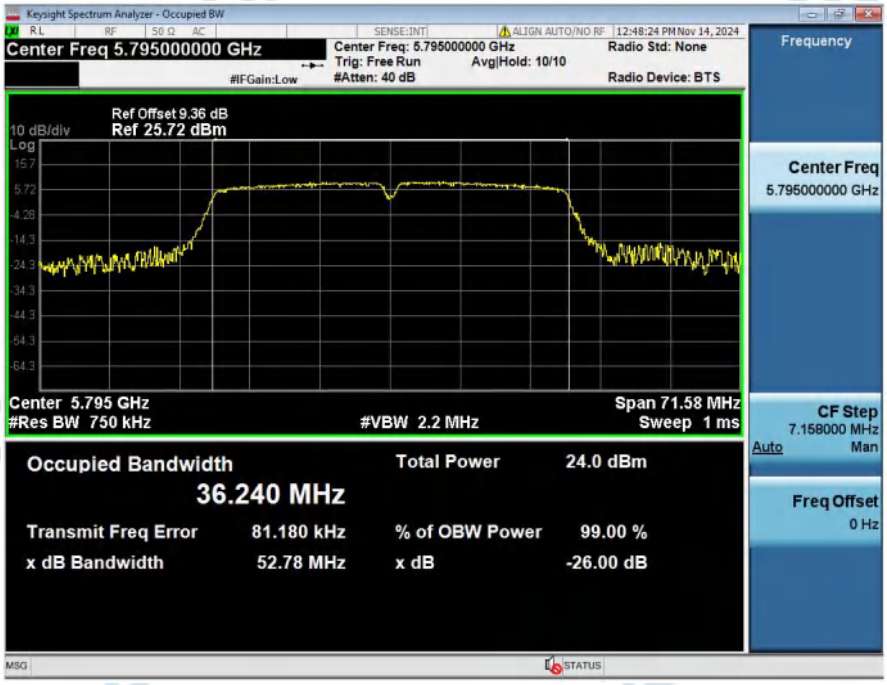

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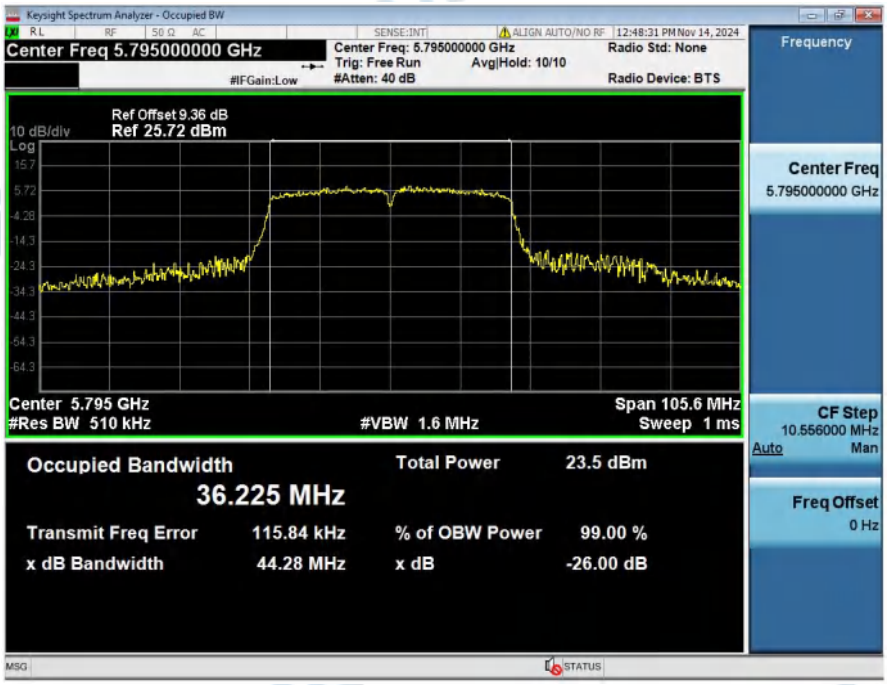
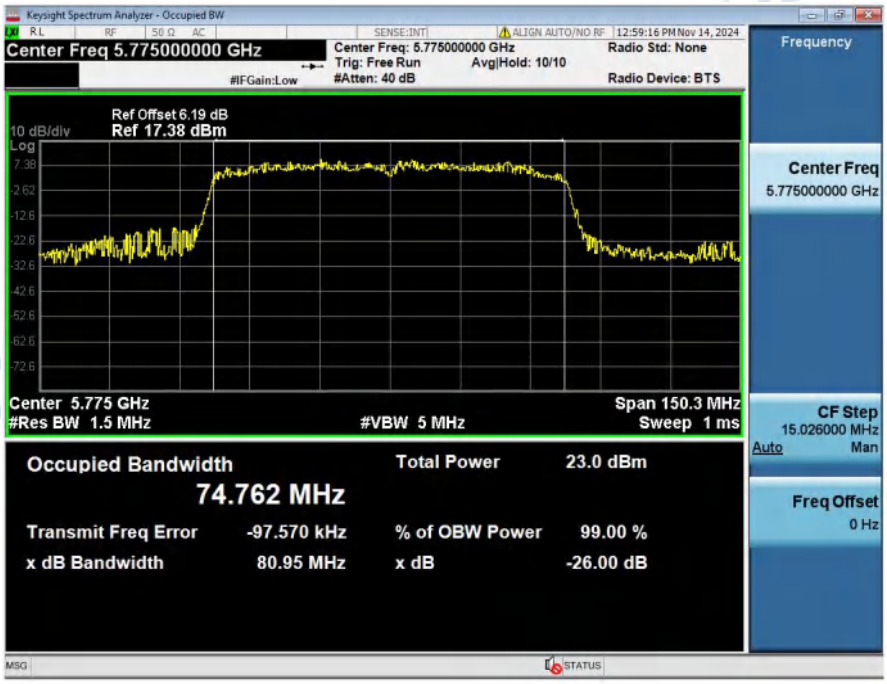


99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775



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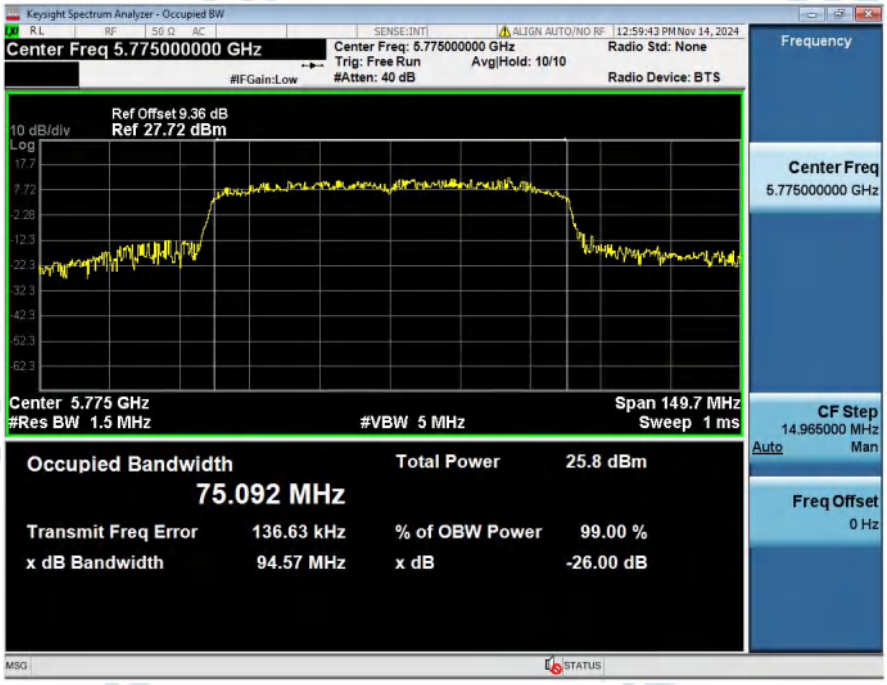
99%_OCB_NVNT_ANT2_802_11ac(VHT80)_5775



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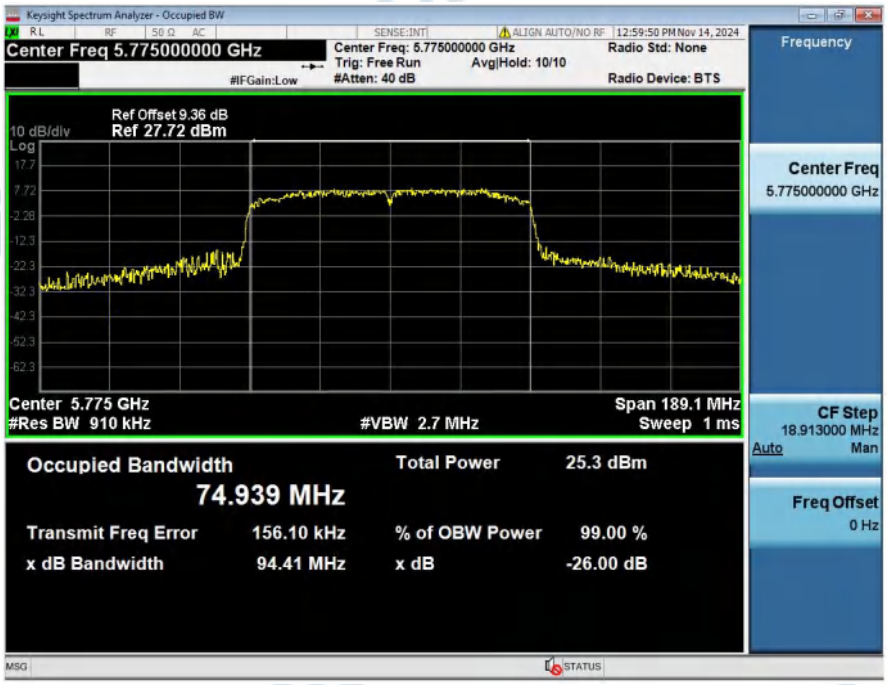
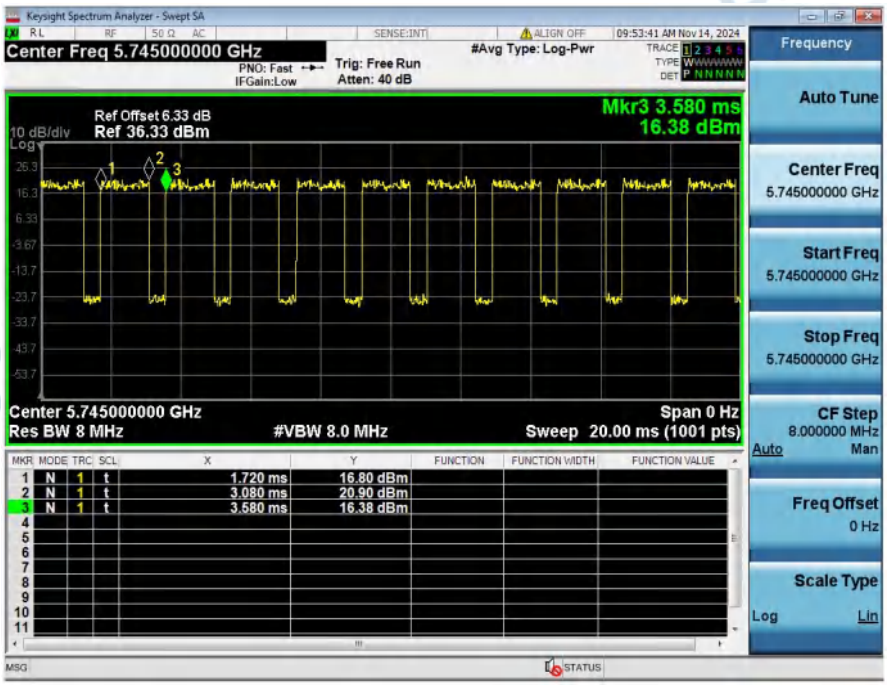


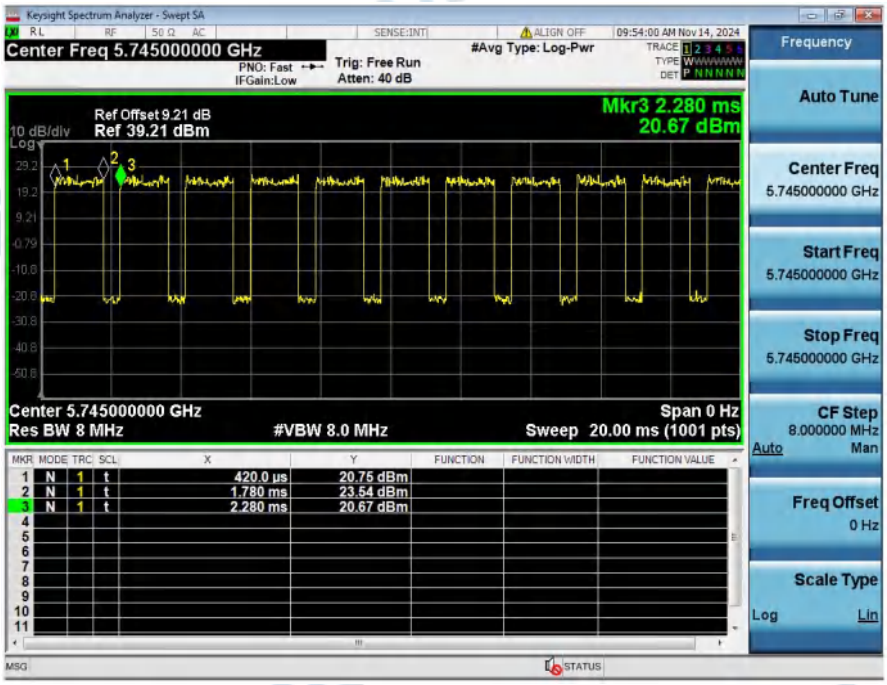
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	73.12	1.36
NVNT	ANT2	802.11a	5745.00	73.12	1.36
NVNT	ANT1	802.11a	5785.00	73.12	1.36
NVNT	ANT2	802.11a	5785.00	73.12	1.36
NVNT	ANT1	802.11a	5825.00	73.12	1.36
NVNT	ANT2	802.11a	5825.00	73.12	1.36
NVNT	ANT1	802.11ac(VHT20)	5745.00	71.91	1.43
NVNT	ANT2	802.11ac(VHT20)	5745.00	70.79	1.50
NVNT	ANT1	802.11ac(VHT20)	5785.00	71.91	1.43
NVNT	ANT2	802.11ac(VHT20)	5785.00	71.91	1.43
NVNT	ANT1	802.11ac(VHT20)	5825.00	71.91	1.43
NVNT	ANT2	802.11ac(VHT20)	5825.00	71.91	1.43
NVNT	ANT1	802.11ac(VHT40)	5755.00	56.14	2.51
NVNT	ANT2	802.11ac(VHT40)	5755.00	56.14	2.51
NVNT	ANT1	802.11ac(VHT40)	5795.00	56.14	2.51
NVNT	ANT2	802.11ac(VHT40)	5795.00	56.14	2.51
NVNT	ANT1	802.11ac(VHT80)	5775.00	39.02	4.09
NVNT	ANT2	802.11ac(VHT80)	5775.00	36.59	4.37

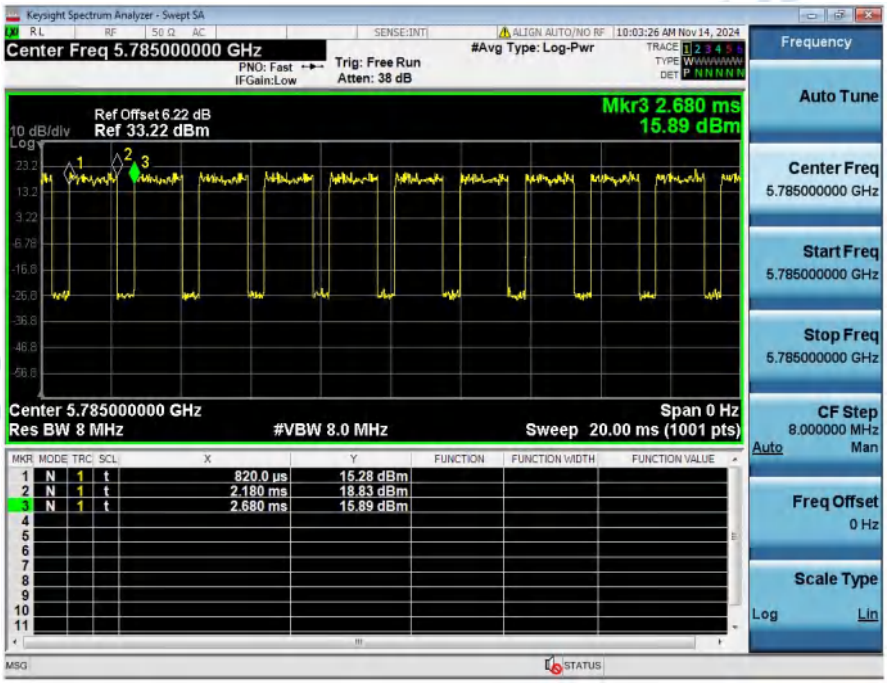
Duty_Cycle_NVNT_ANT1_802_11a_5745



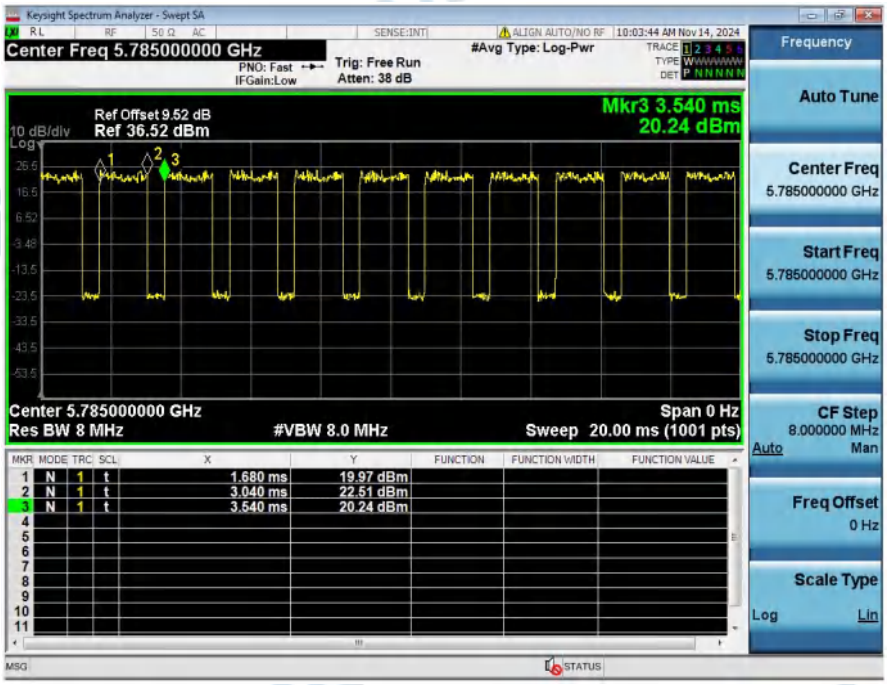
Duty_Cycle_NVNT_ANT2_802_11a_5745



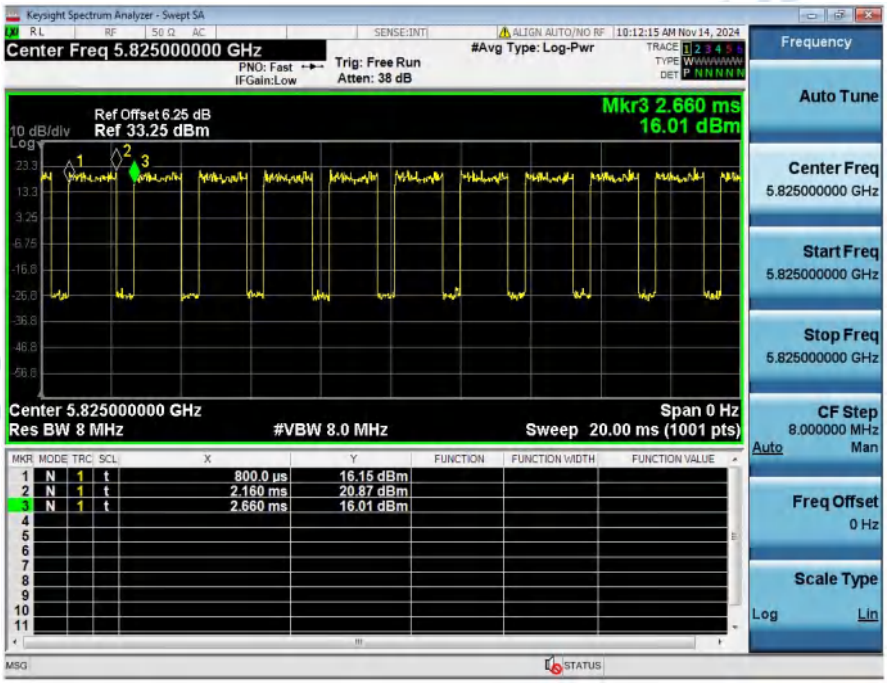
Duty_Cycle_NVNT_ANT1_802_11a_5785



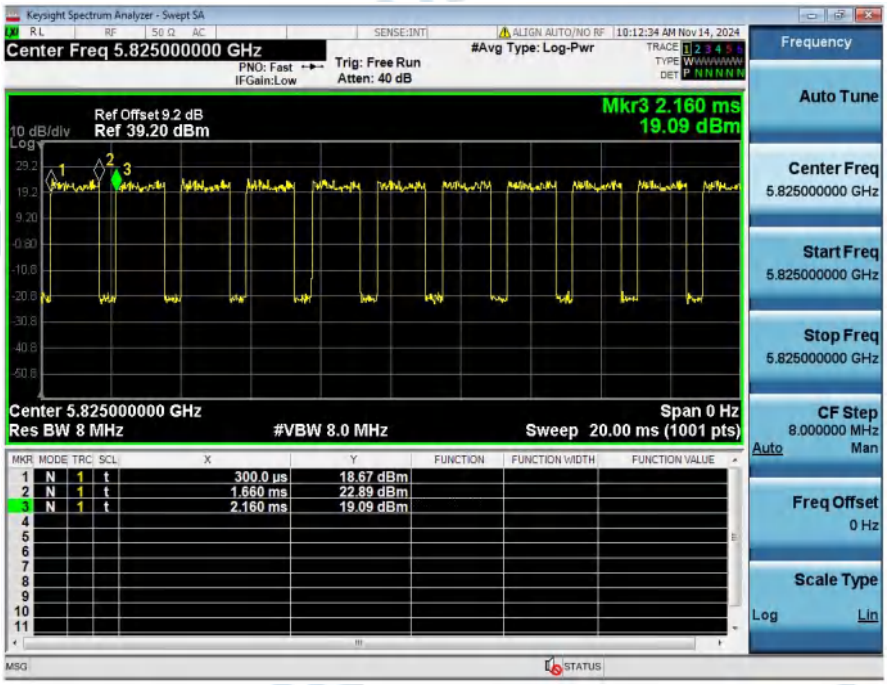
Duty_Cycle_NVNT_ANT2_802_11a_5785



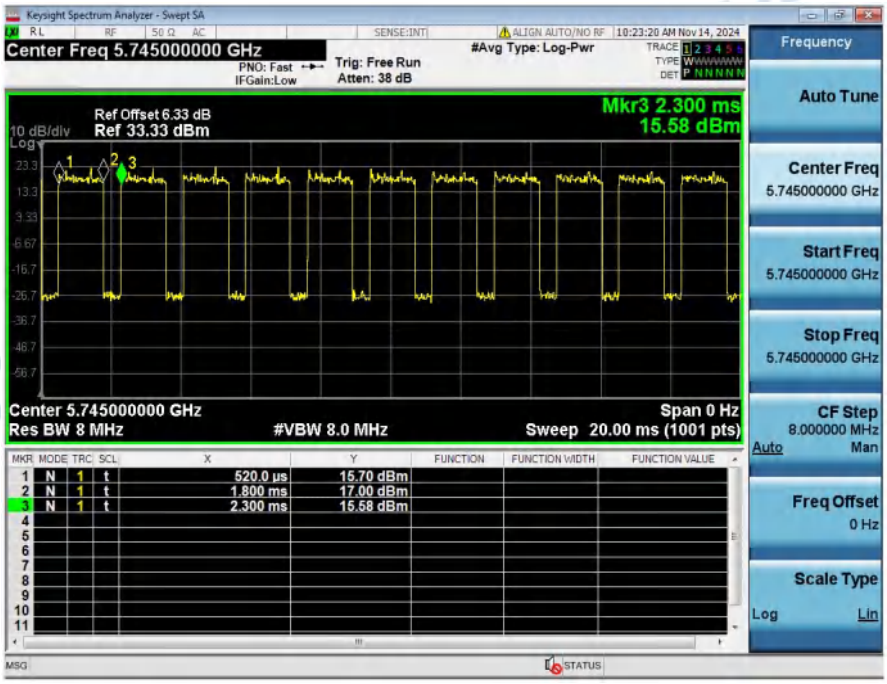
Duty_Cycle_NVNT_ANT1_802_11a_5825



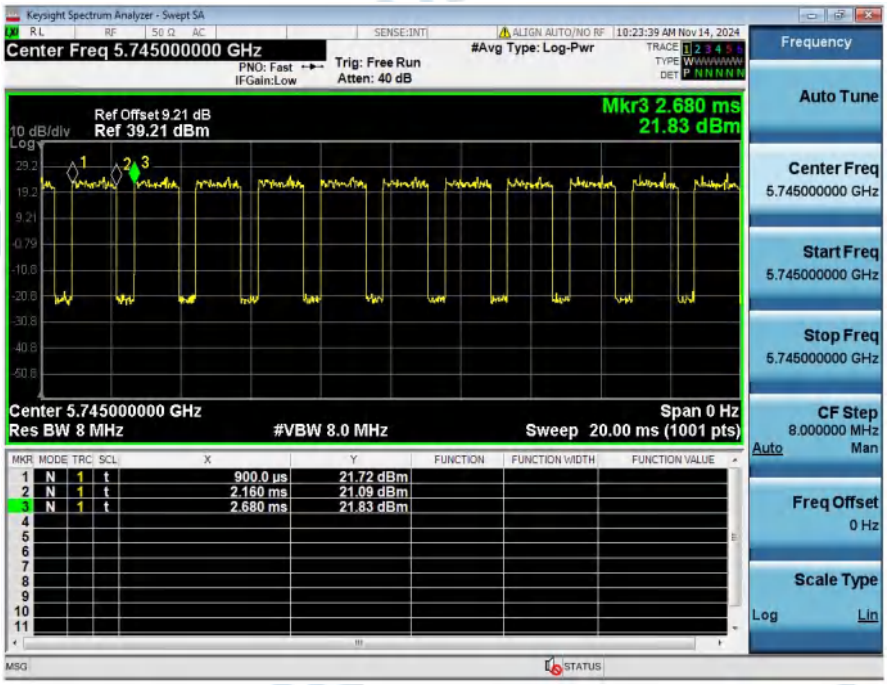
Duty_Cycle_NVNT_ANT2_802_11a_5825



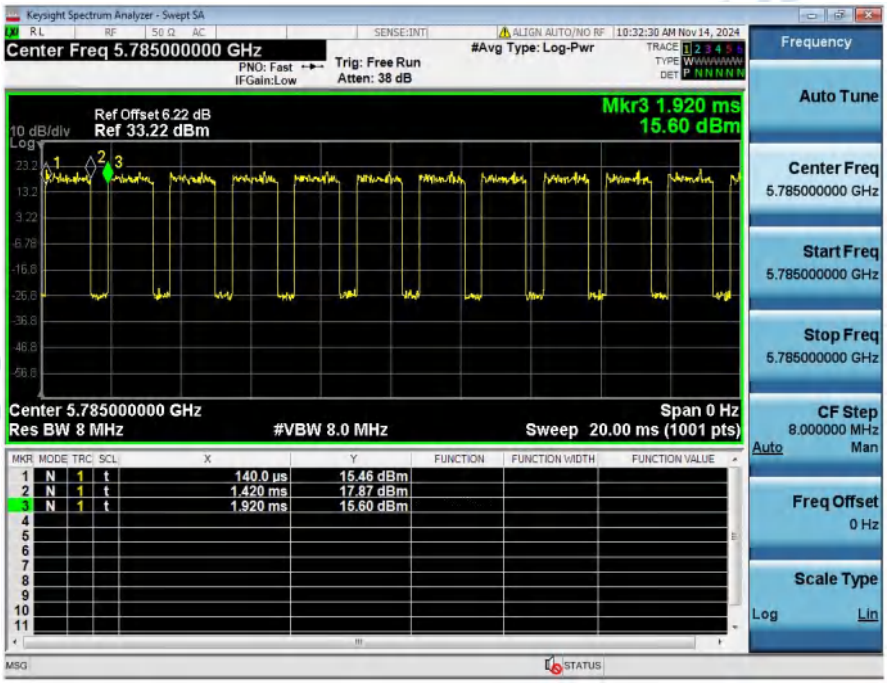
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5745



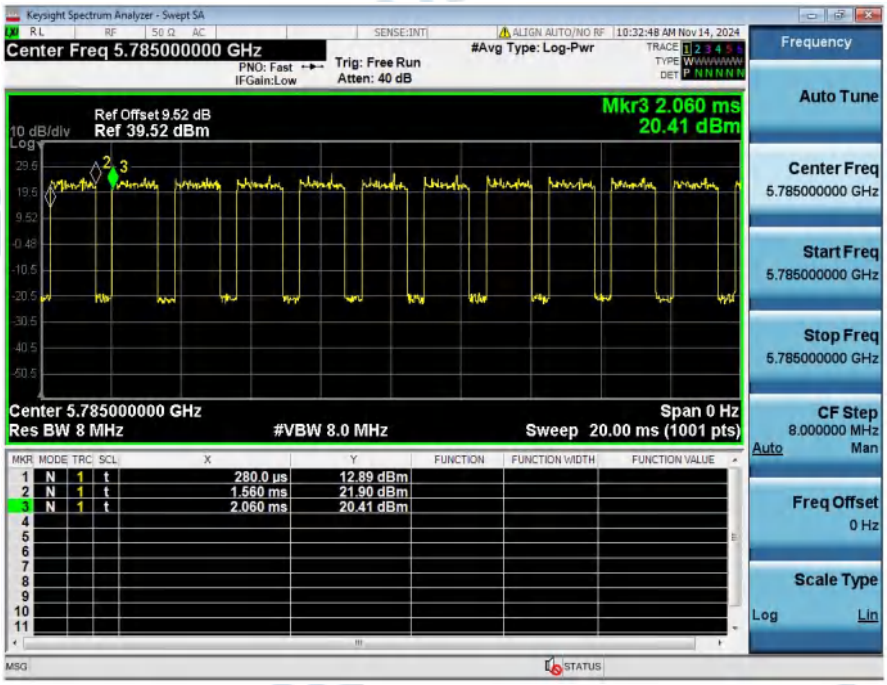
Duty_Cycle_NVNT_ANT2_802_11ac(VHT20)_5745



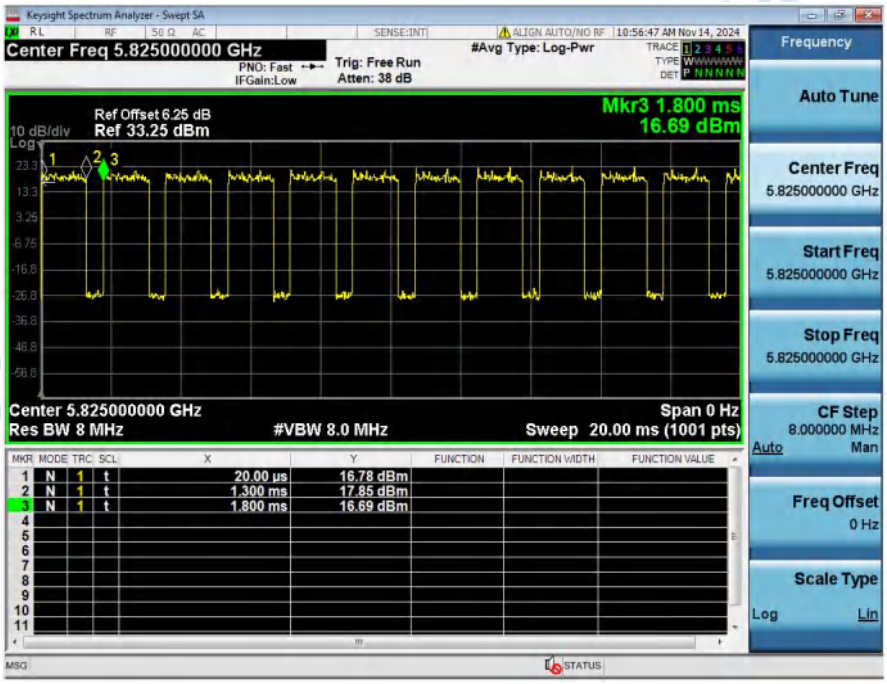
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5785



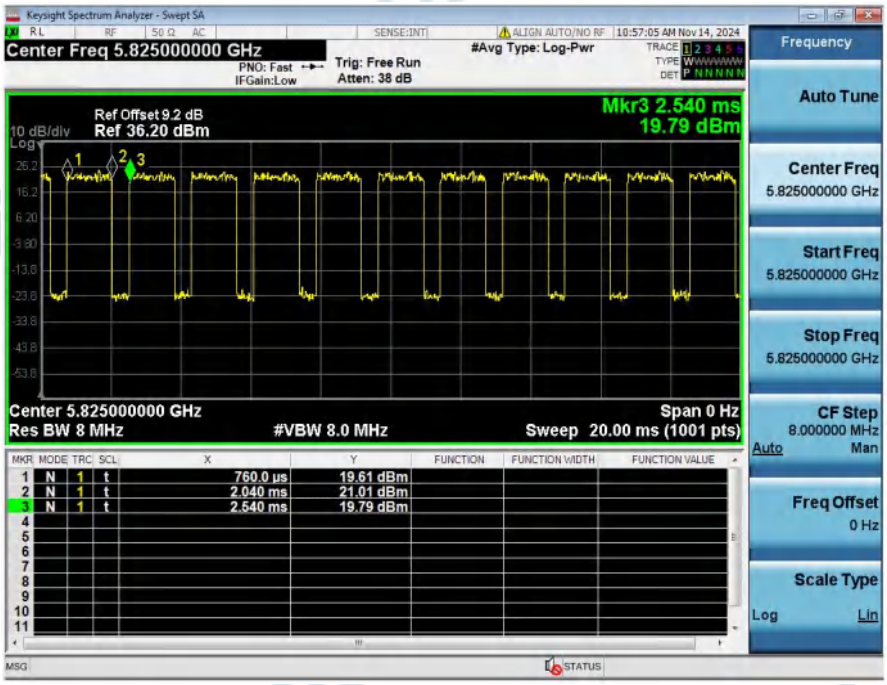
Duty_Cycle_NVNT_ANT2_802_11ac(VHT20)_5785



Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5825



Duty_Cycle_NVNT_ANT2_802_11ac(VHT20)_5825



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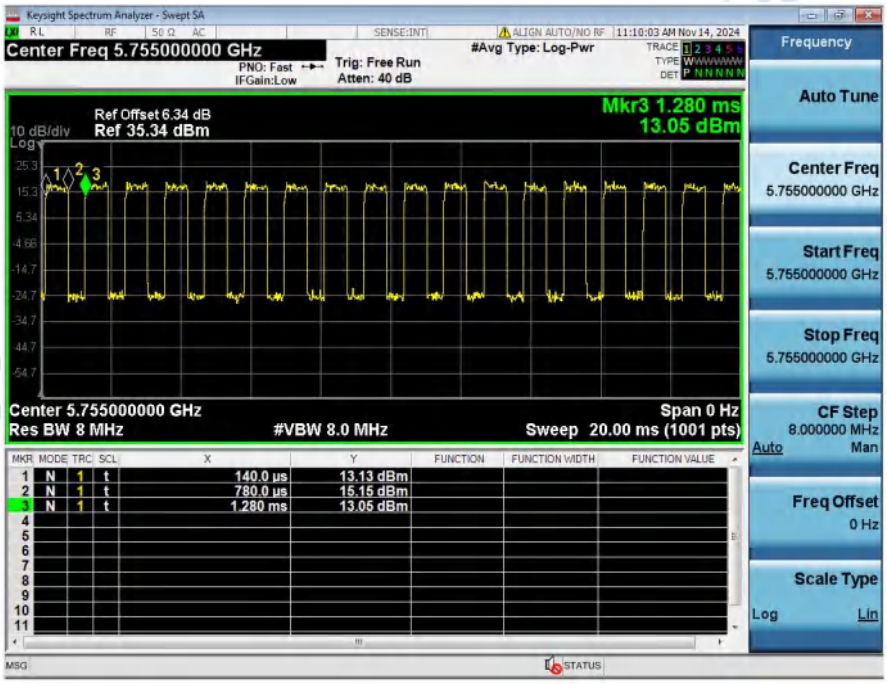
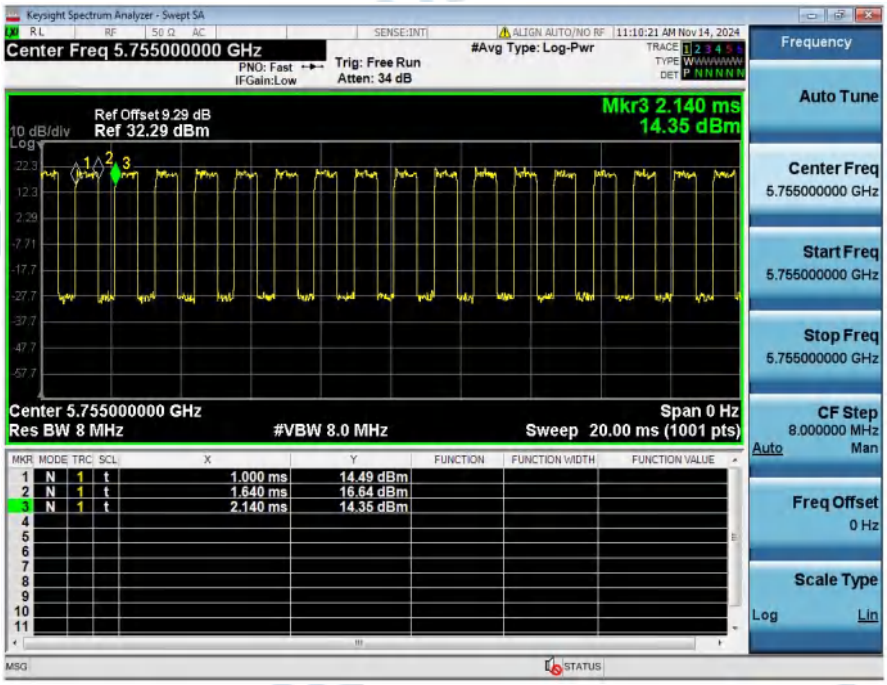
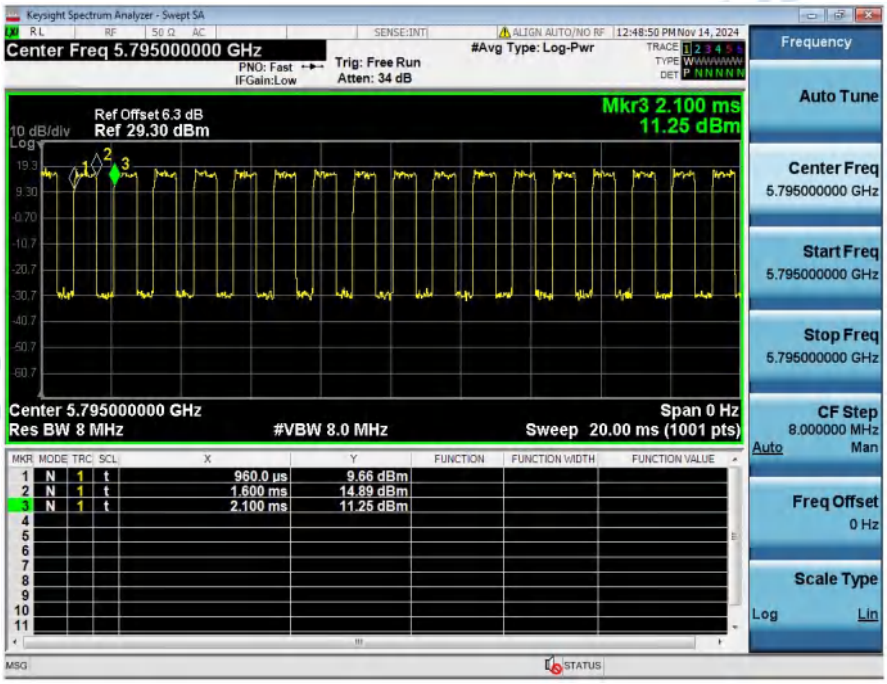


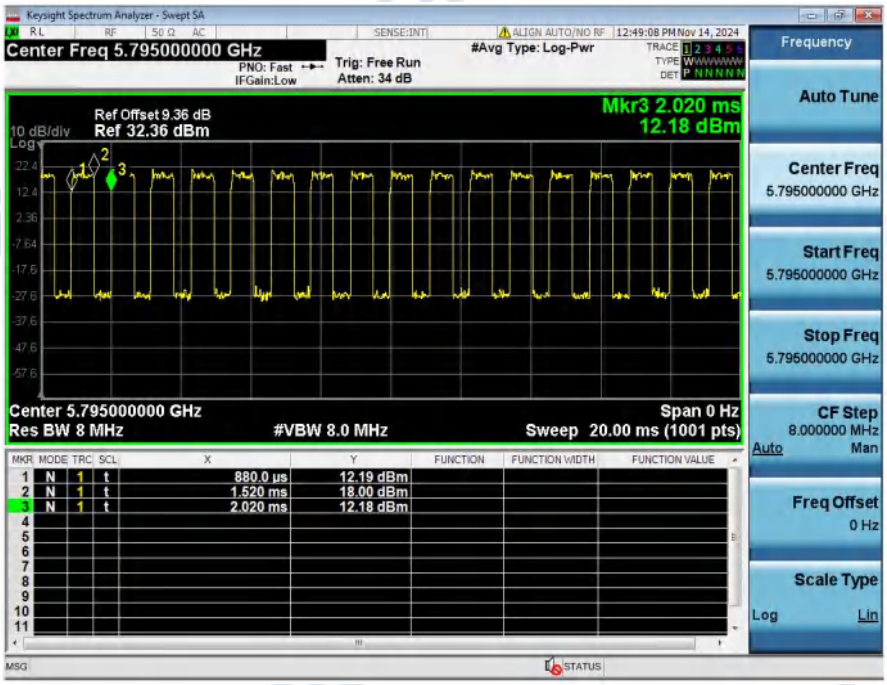
Duty_Cycle_NVNT_ANT2_802_11ac(VHT40)_5755



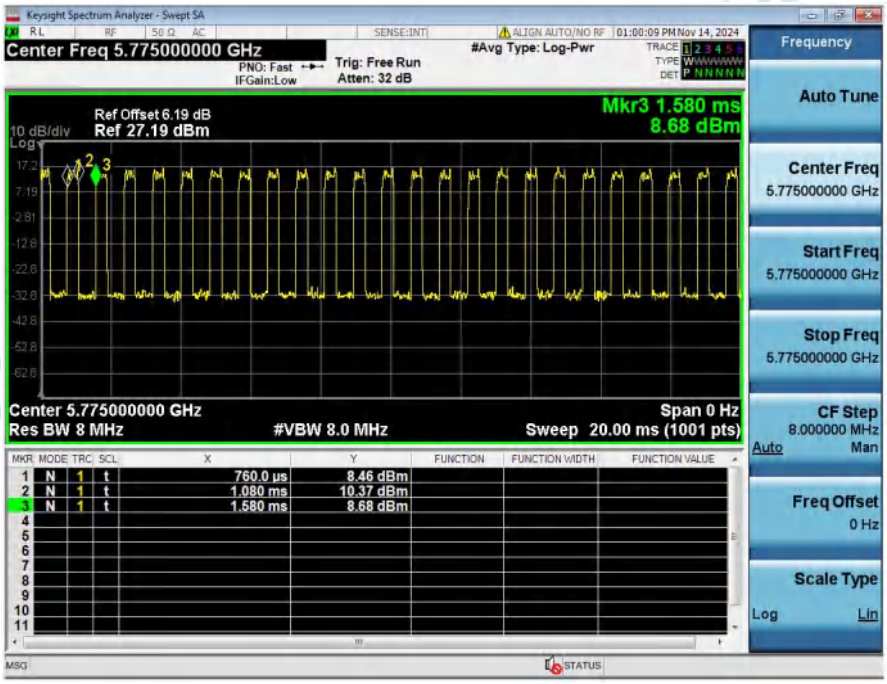
Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5795



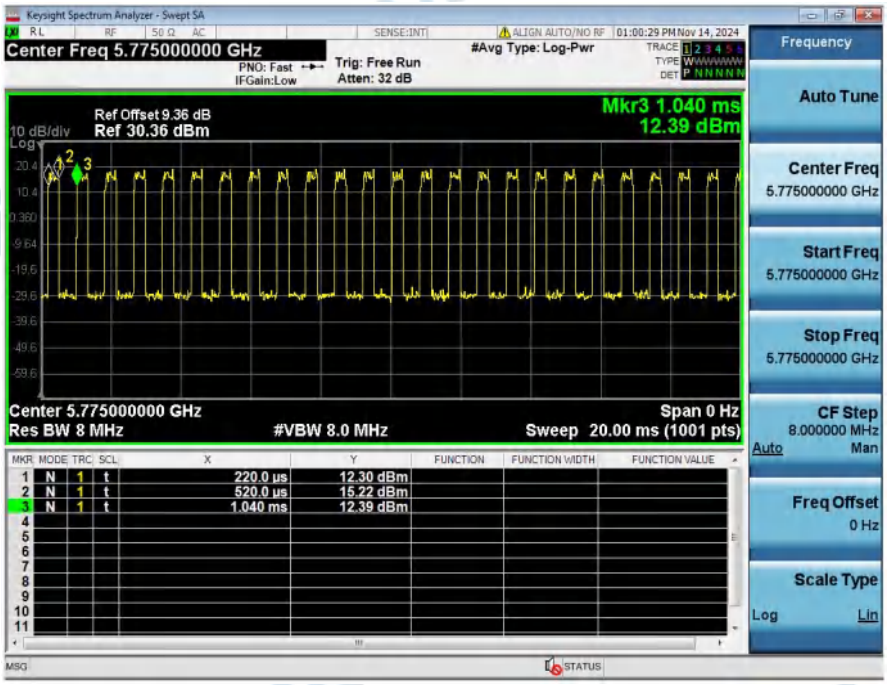
Duty_Cycle_NVNT_ANT2_802_11ac(VHT40)_5795



Duty_Cycle_NVNT_ANT1_802_11ac(VHT80)_5775



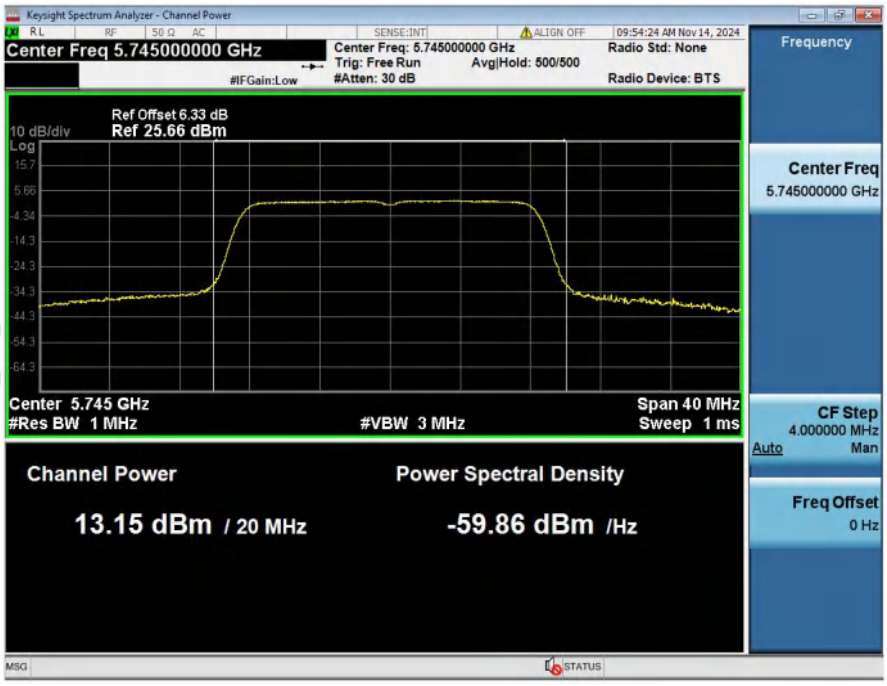
Duty_Cycle_NVNT_ANT2_802_11ac(VHT80)_5775



4. Maximum Conducted Output Power

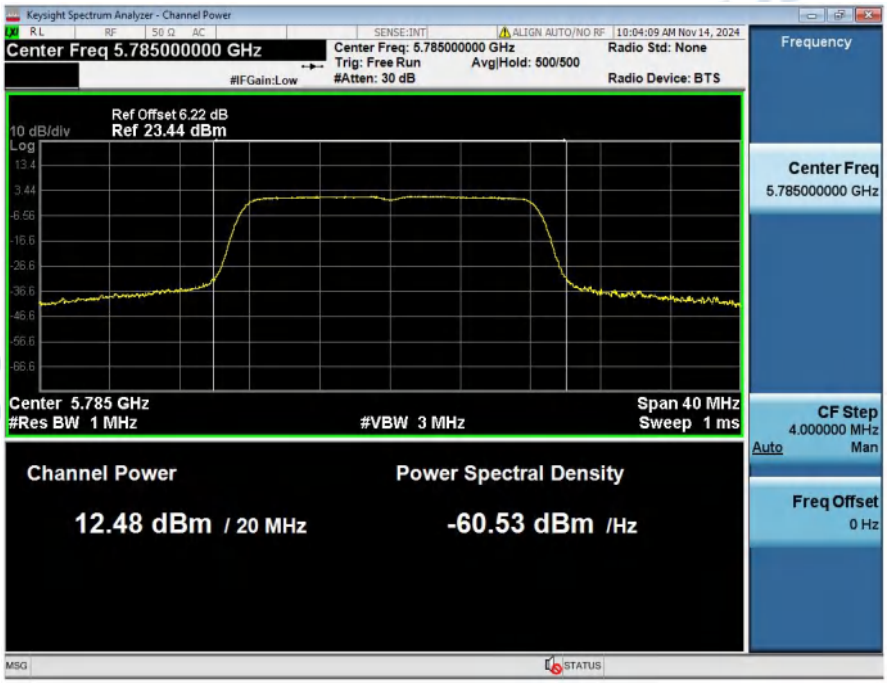
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	13.15	1.36	14.51	30	Pass
NVNT	ANT2	802.11a	5745.00	17.05	1.36	18.41	30	Pass
NVNT	ANT1	802.11a	5785.00	12.48	1.36	13.84	30	Pass
NVNT	ANT2	802.11a	5785.00	16.77	1.36	18.13	30	Pass
NVNT	ANT1	802.11a	5825.00	12.98	1.36	14.34	30	Pass
NVNT	ANT2	802.11a	5825.00	15.77	1.36	17.13	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	12.65	1.43	14.08	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	16.65	1.50	18.15	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	12.63	1.43	14.06	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	16.88	1.43	18.31	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	13.36	1.43	14.79	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	16.22	1.43	17.65	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	13.21	2.51	15.72	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	15.34	2.51	17.85	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	12.12	2.51	14.63	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	14.81	2.51	17.32	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	11.30	4.09	15.39	30	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	14.04	4.37	18.41	30	Pass

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5745



Maximum_Conducted_Output_Power_NVNT_ANT2_802_11a_5745

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785



Maximum_Conducted_Output_Power_NVNT_ANT2_802_11a_5785

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5825

Maximum_Conducted_Output_Power_NVNT_ANT2_802_11a_5825

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5745

Maximum_Conducted_Output_Power_NVNT_ANT2_802_11ac(VHT20)_5745

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5785

Maximum_Conducted_Output_Power_NVNT_ANT2_802_11ac(VHT20)_5785

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5825

Maximum_Conducted_Output_Power_NVNT_ANT2_802_11ac(VHT20)_5825

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5755

Maximum_Conducted_Output_Power_NVNT_ANT2_802_11ac(VHT40)_5755

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5795

Maximum_Conducted_Output_Power_NVNT_ANT2_802_11ac(VHT40)_5795

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT80)_5775

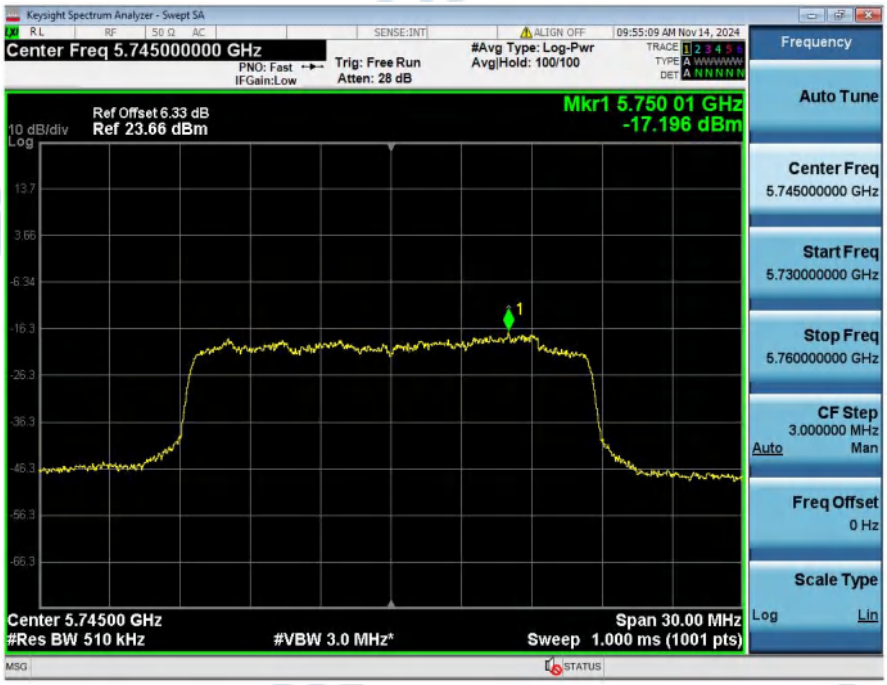
Maximum_Conducted_Output_Power_NVNT_ANT2_802_11ac(VHT80)_5775

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11ac(VHT20)	5745.00	19.59	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5785.00	19.69	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5825.00	19.46	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5755.00	19.93	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5795.00	19.19	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5775.00	20.17	30	Pass

5. Power Spectral Density

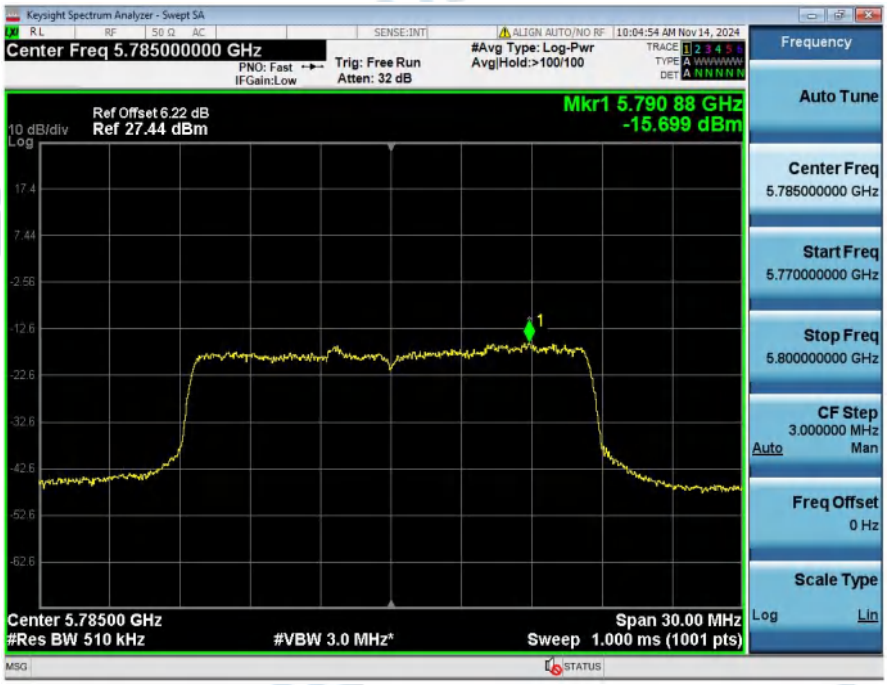
Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA(dBm/RBW)	Duty factor(dB)	RB factor(dB)	PSD(dBm/500kHz)	limit(dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	-17.20	1.36	-0	-15.92	30	Pass
NVNT	ANT2	802.11a	5745.00	-7.73	1.36	-0	-6.46	30	Pass
NVNT	ANT1	802.11a	5785.00	-15.70	1.36	-0	-14.43	30	Pass
NVNT	ANT2	802.11a	5785.00	-12.06	1.36	-0	-10.79	30	Pass
NVNT	ANT1	802.11a	5825.00	-11.58	1.36	-0	-10.30	30	Pass
NVNT	ANT2	802.11a	5825.00	-14.06	1.36	-0	-12.79	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-13.53	1.43	-0	-12.19	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	-12.04	1.50	-0	-10.62	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-15.07	1.43	-0	-13.72	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	-11.59	1.43	-0	-10.25	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-14.95	1.43	-0	-13.61	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	-11.57	1.43	-0	-10.23	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-27.30	2.51	-0	-24.88	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	-22.39	2.51	-0	-19.97	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-25.47	2.51	-0	-23.05	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	-23.39	2.51	-0	-20.96	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-35.89	4.09	-0	-31.89	30	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	-35.68	4.37	-0	-31.40	30	Pass

Power_Spectral_Density_NVNT_ANT1_802_11a_5745

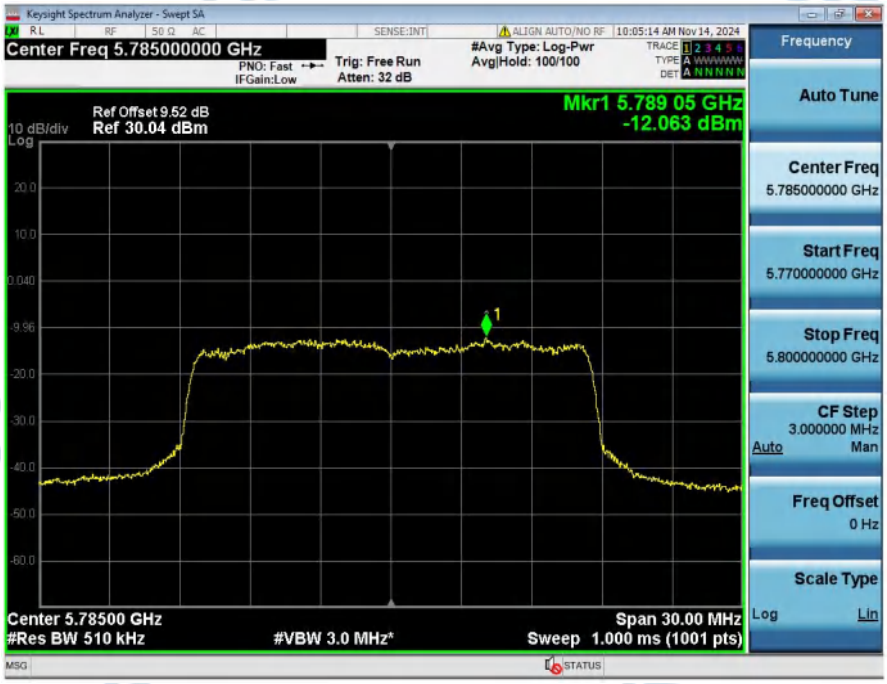


Power_Spectral_Density_NVNT_ANT2_802_11a_5745

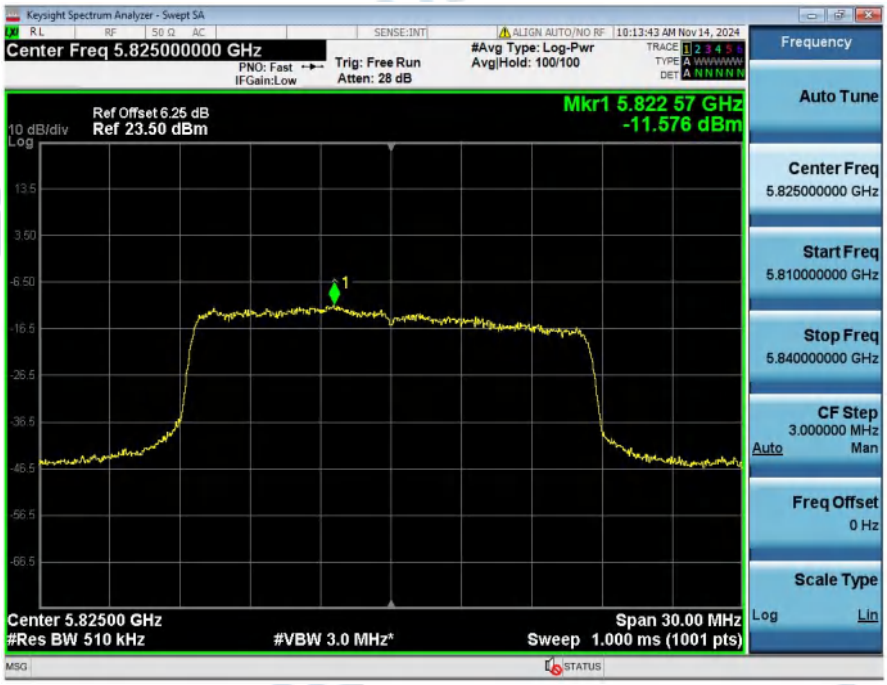
Power_Spectral_Density_NVNT_ANT1_802_11a_5785



Power_Spectral_Density_NVNT_ANT2_802_11a_5785



Power_Spectral_Density_NVNT_ANT1_802_11a_5825



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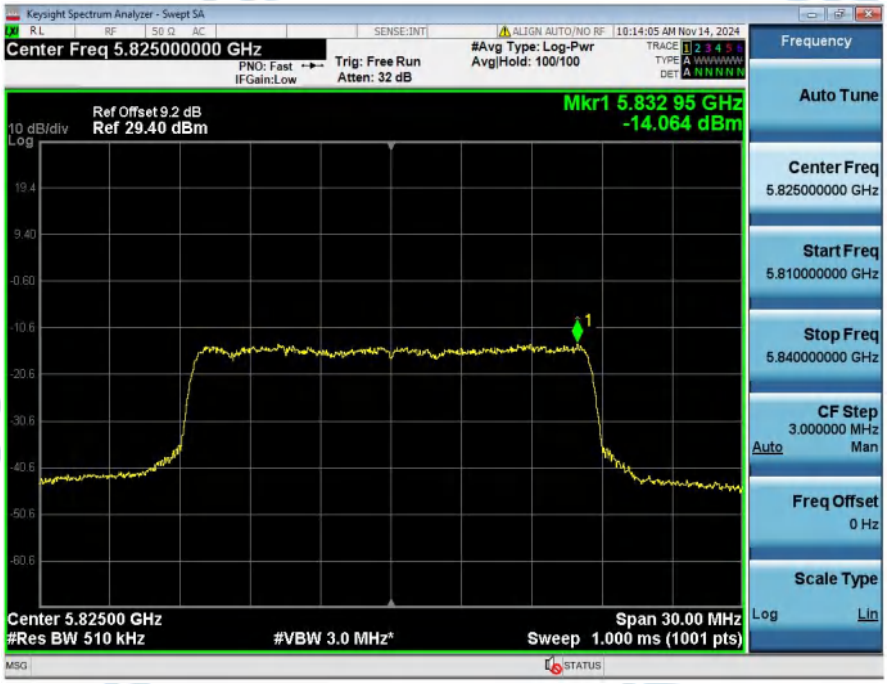
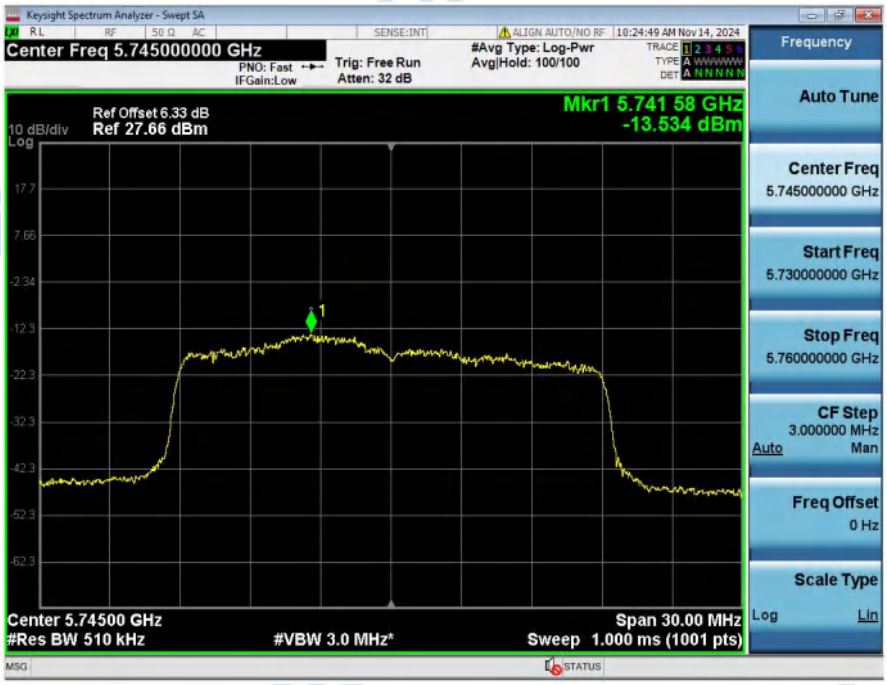
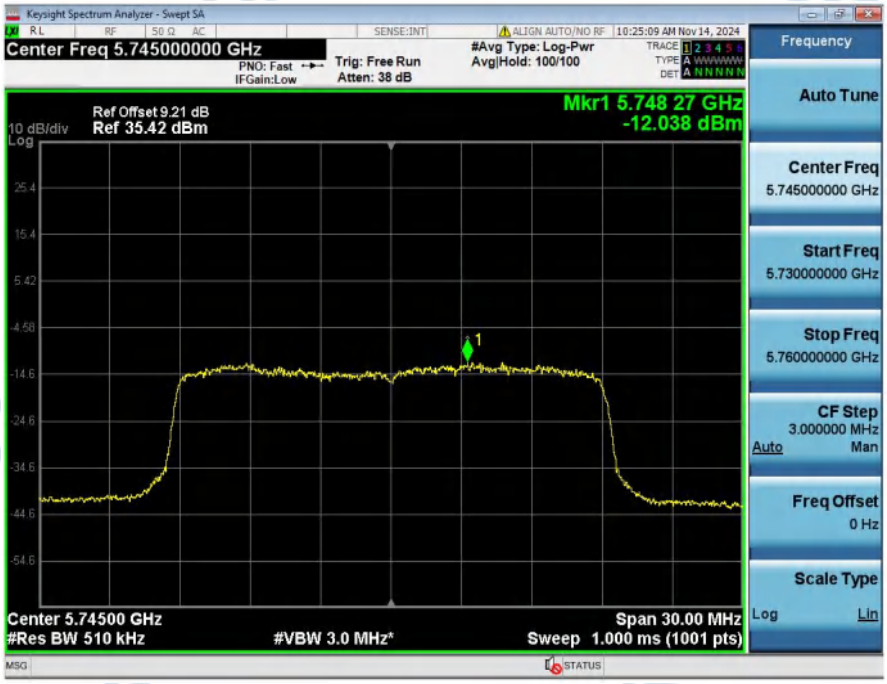


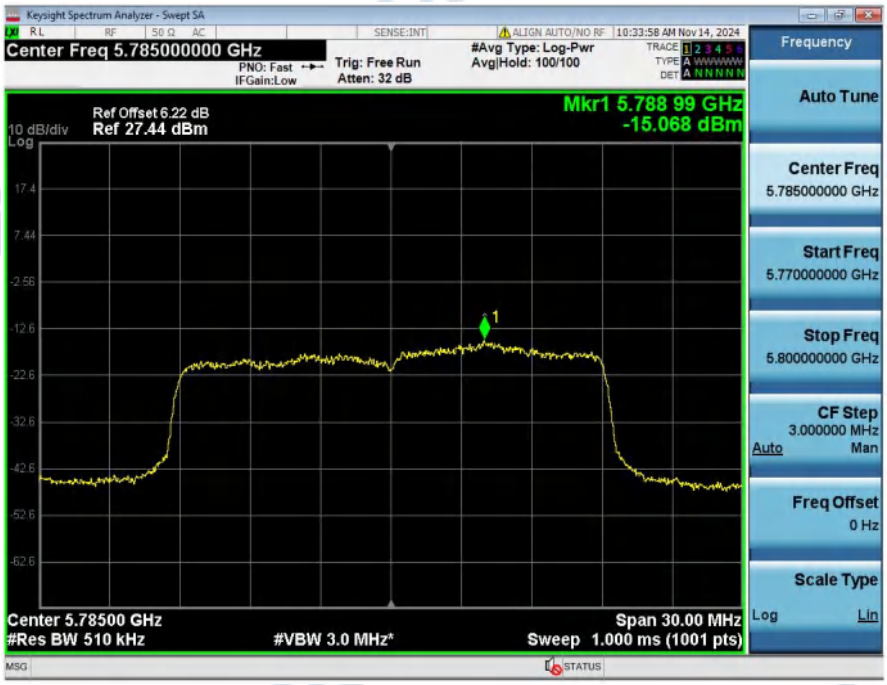
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5745



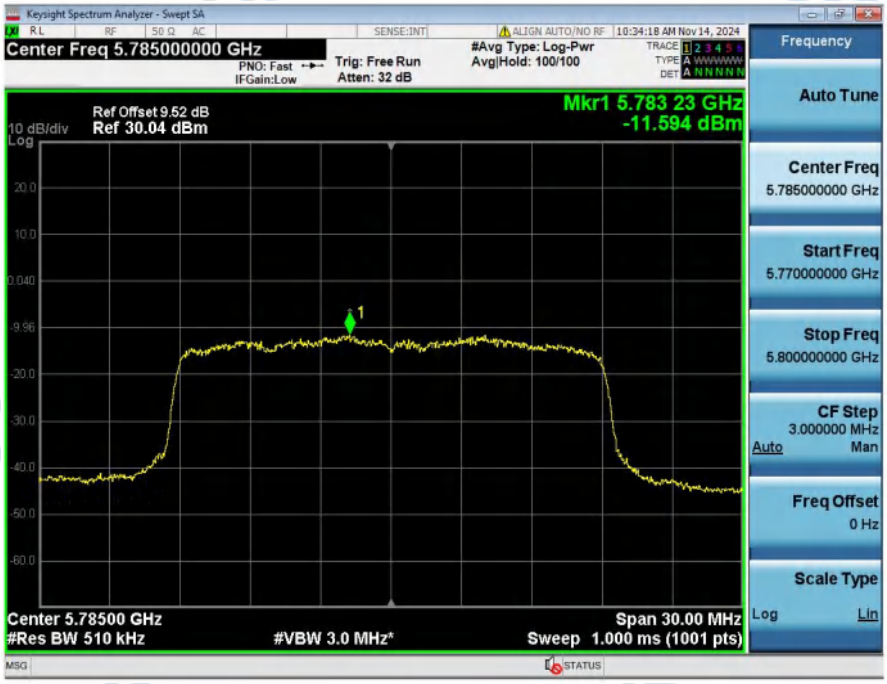
Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5745



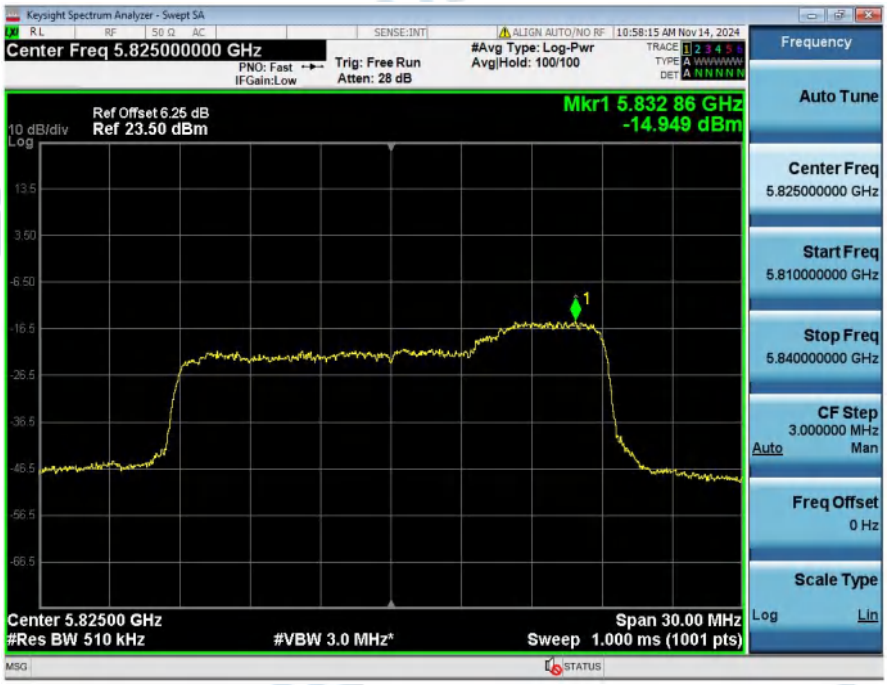
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5785



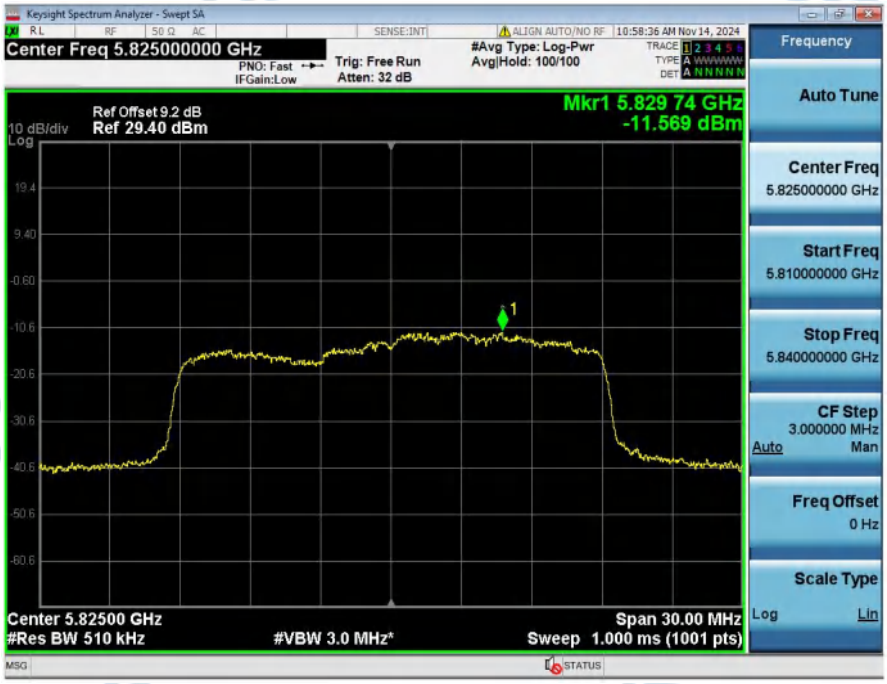
Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5785



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5825

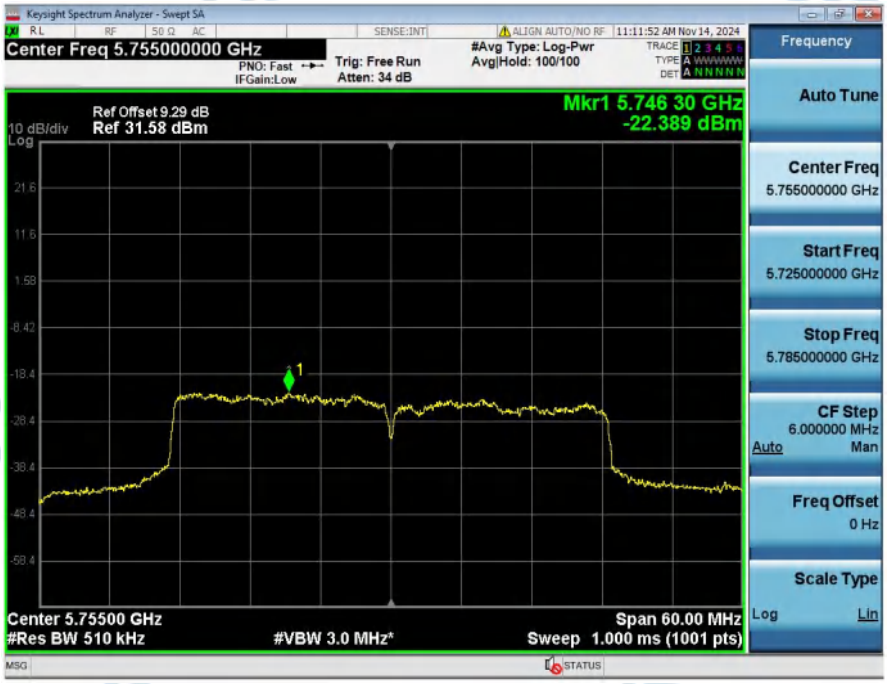


Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5825



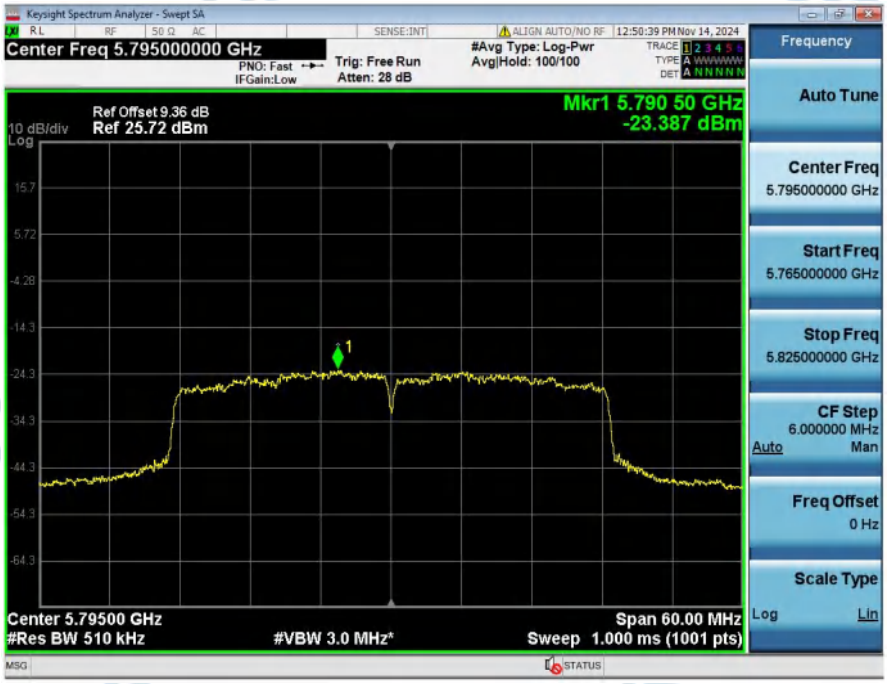
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5755

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

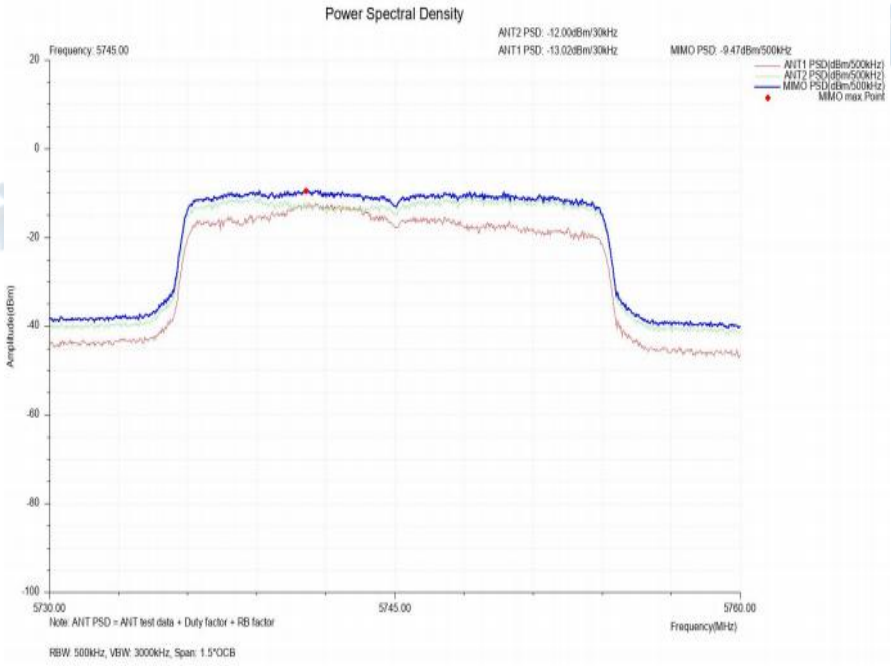


Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775

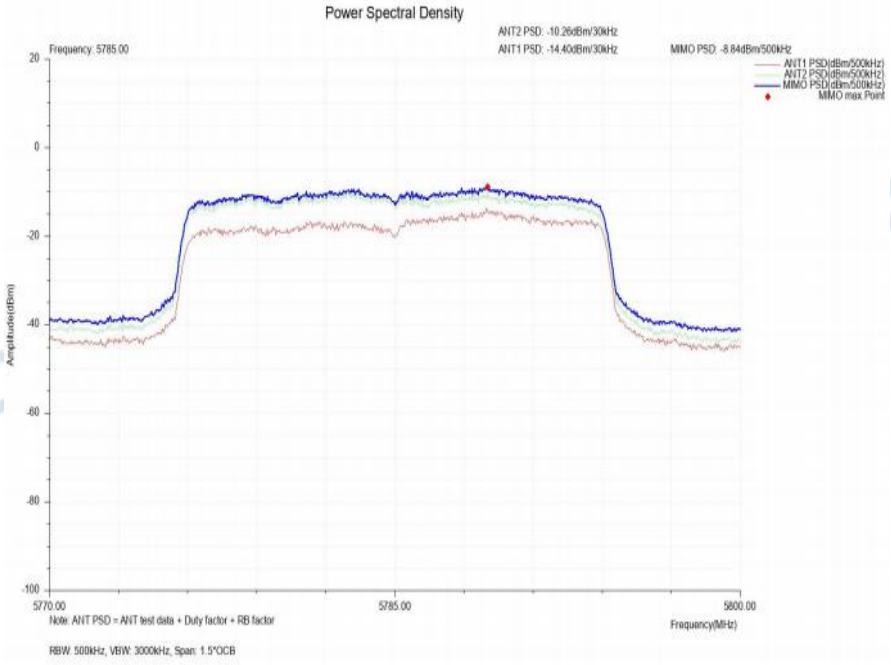
Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT80)_5775

Condition	Antenna	Mode	Frequency (MHz)	MIMO PSD(dBm/500kHz)	Limit(dBm/500kHz)	Result
NVNT	MIMO_TX	802.11ac(VHT20)	5745.00	-9.47	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5785.00	-8.84	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5825.00	-9.10	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5755.00	-19.14	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5795.00	-19.44	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5775.00	-29.37	30	Pass

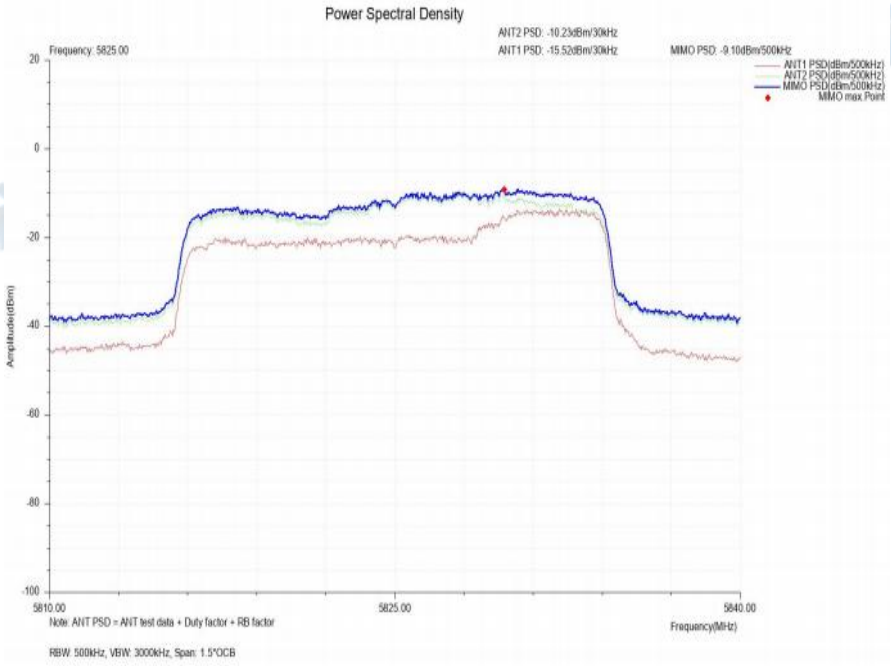
NVNT_MIMO_TX_802_11ac(VHT20)_Power_Spectral_Density_5745



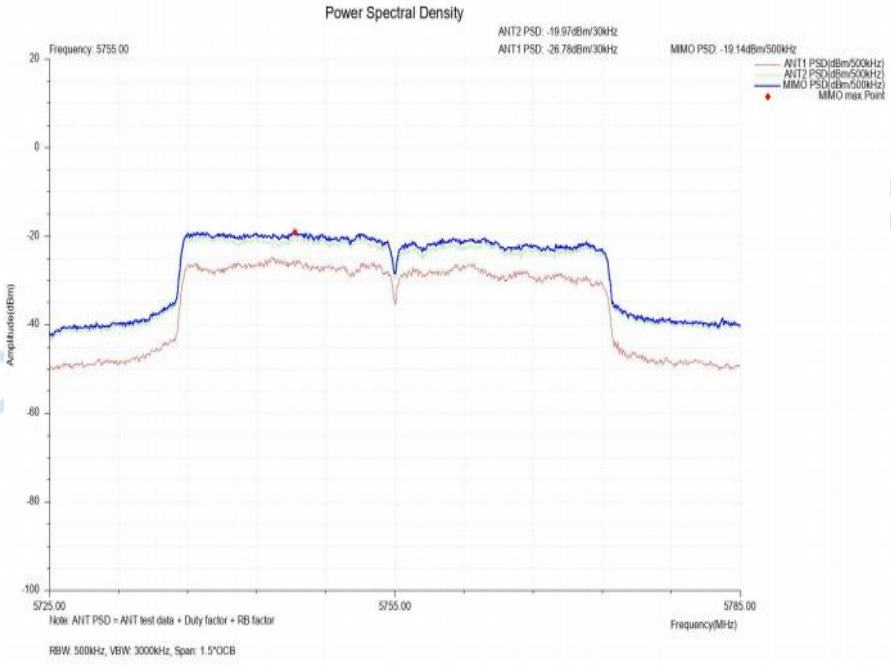
NVNT_MIMO_TX_802_11ac(VHT20)_Power_Spectral_Density_5785



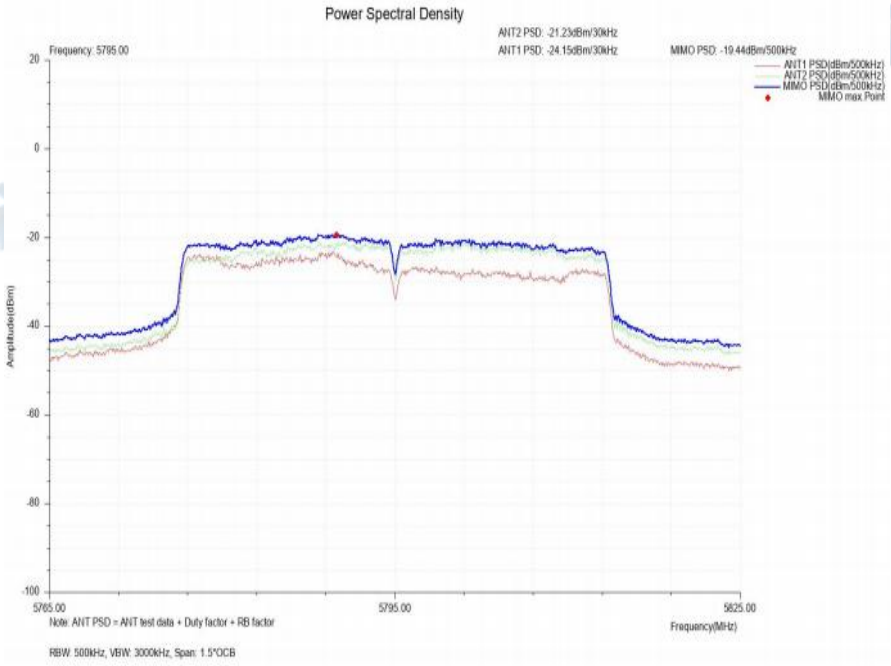
NVNT_MIMO_TX_802_11ac(VHT20)_Power_Spectral_Density_5825



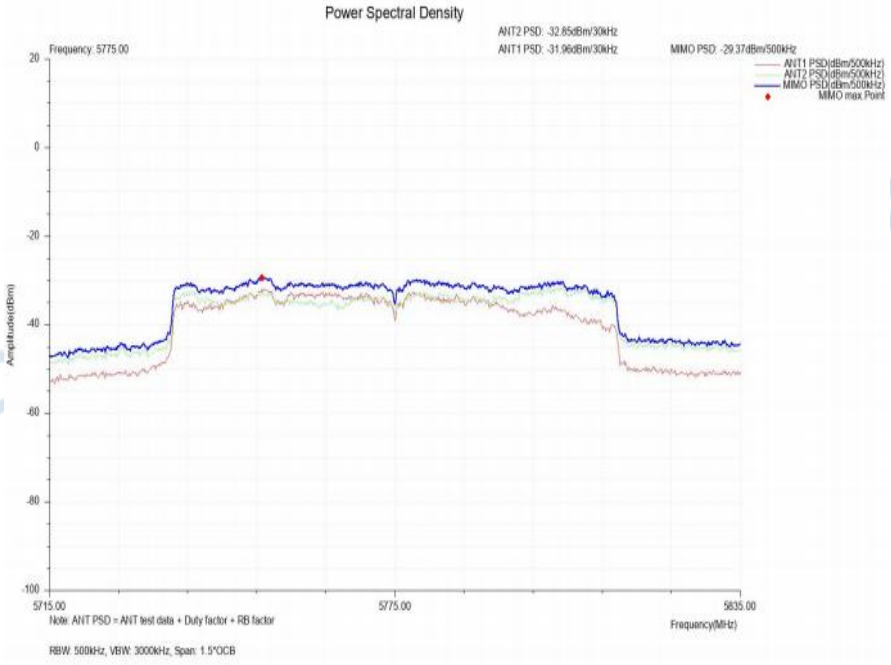
NVNT_MIMO_TX_802_11ac(VHT40)_Power_Spectral_Density_5755



NVNT_MIMO_TX_802_11ac(VHT40)_Power_Spectral_Density_5795



NVNT_MIMO_TX_802_11ac(VHT80)_Power_Spectral_Density_5775

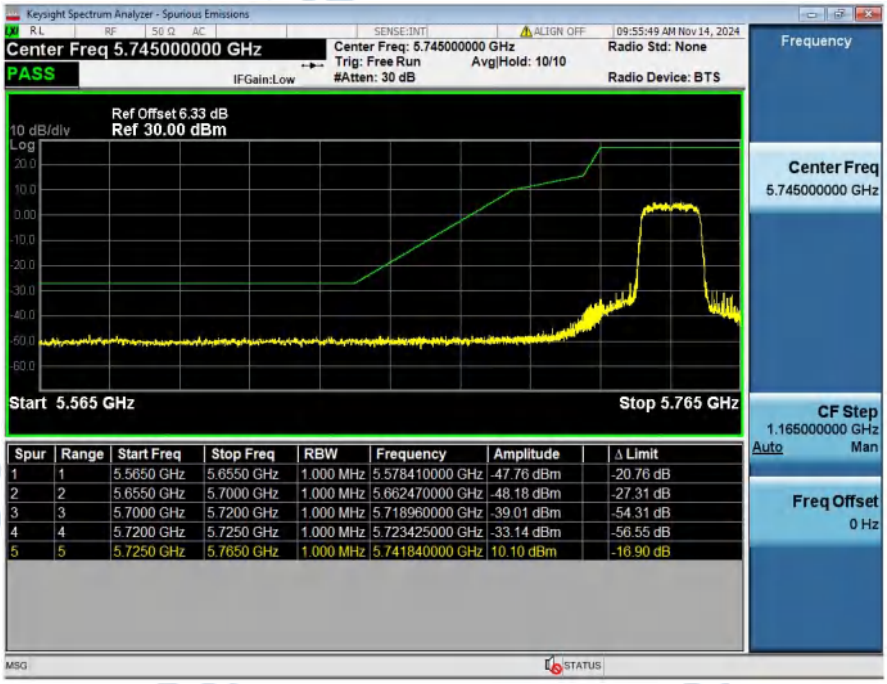


6. Bandedge

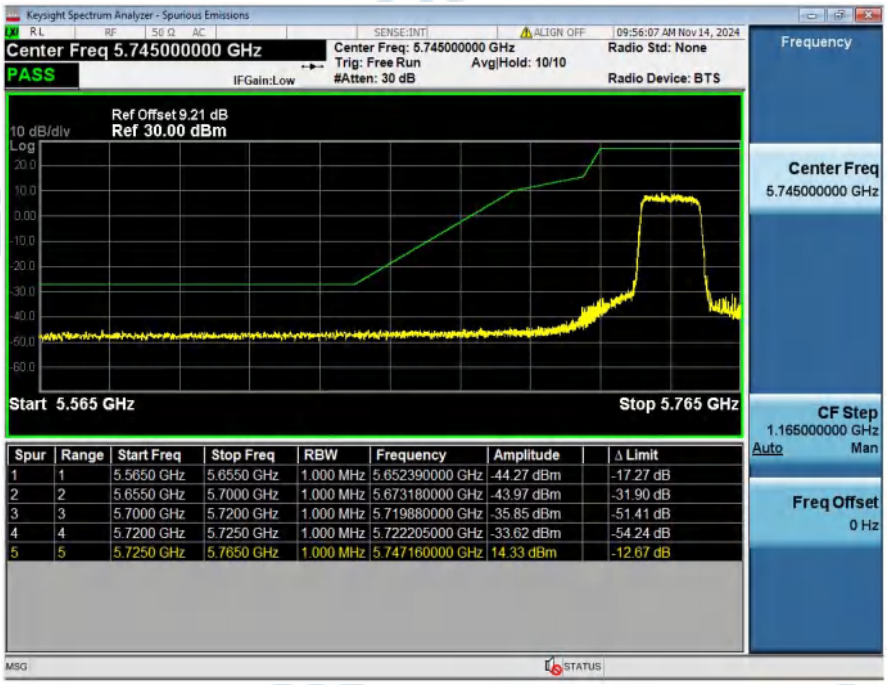
Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5578.410	-47.76	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5662.470	-48.18	-20.86	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5718.960	-39.01	15.31	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5723.425	-33.14	23.41	Pass
NVNT	ANT2	802.11a	LCH	5565-5655	5652.390	-44.27	-27.00	Pass
NVNT	ANT2	802.11a	LCH	5655-5700	5673.180	-43.97	-12.05	Pass
NVNT	ANT2	802.11a	LCH	5700-5720	5719.880	-35.85	15.57	Pass
NVNT	ANT2	802.11a	LCH	5720-5725	5722.205	-33.62	20.63	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5853.470	-34.56	19.09	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5855.060	-35.90	15.58	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5913.880	-47.06	-21.97	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5990.295	-41.15	-27.00	Pass
NVNT	ANT2	802.11a	HCH	5850-5855	5853.250	-38.17	19.59	Pass
NVNT	ANT2	802.11a	HCH	5855-5875	5863.040	-43.00	13.35	Pass
NVNT	ANT2	802.11a	HCH	5875-5920	5912.665	-44.01	-20.97	Pass
NVNT	ANT2	802.11a	HCH	5920-6005	6003.640	-40.70	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5572.920	-47.50	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5661.795	-48.17	-21.41	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5719.760	-38.73	15.53	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5721.940	-34.77	20.02	Pass
NVNT	ANT2	802.11ac(VHT20)	LCH	5565-5655	5646.990	-44.52	-27.00	Pass
NVNT	ANT2	802.11ac(VHT20)	LCH	5655-5700	5659.815	-44.52	-23.04	Pass
NVNT	ANT2	802.11ac(VHT20)	LCH	5700-5720	5716.700	-39.53	14.68	Pass
NVNT	ANT2	802.11ac(VHT20)	LCH	5720-5725	5721.935	-33.46	20.01	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5851.640	-40.39	23.26	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5855.900	-42.24	15.35	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5916.850	-47.15	-24.41	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5973.890	-44.19	-27.00	Pass
NVNT	ANT2	802.11ac(VHT20)	HCH	5850-5855	5853.940	-30.82	18.02	Pass
NVNT	ANT2	802.11ac(VHT20)	HCH	5855-5875	5859.600	-33.20	14.31	Pass
NVNT	ANT2	802.11ac(VHT20)	HCH	5875-5920	5911.900	-43.38	-20.34	Pass
NVNT	ANT2	802.11ac(VHT20)	HCH	5920-6005	5959.610	-40.01	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5624.400	-47.53	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5694.240	-45.05	5.26	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5717.260	-35.35	14.83	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5721.820	-33.25	19.75	Pass
NVNT	ANT2	802.11ac(VHT40)	LCH	5595-5655	5634.180	-44.26	-27.00	Pass
NVNT	ANT2	802.11ac(VHT40)	LCH	5655-5700	5689.875	-40.67	1.67	Pass
NVNT	ANT2	802.11ac(VHT40)	LCH	5700-5720	5718.140	-29.63	15.08	Pass
NVNT	ANT2	802.11ac(VHT40)	LCH	5720-5725	5721.870	-28.35	19.86	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5851.915	-43.84	22.63	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5859.180	-45.63	14.43	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5916.220	-46.92	-23.89	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5935.575	-42.96	-27.00	Pass
NVNT	ANT2	802.11ac(VHT40)	HCH	5850-5855	5853.505	-35.56	19.01	Pass
NVNT	ANT2	802.11ac(VHT40)	HCH	5855-5875	5868.800	-40.05	11.74	Pass
NVNT	ANT2	802.11ac(VHT40)	HCH	5875-5920	5885.845	-43.02	1.08	Pass

NVNT	ANT2	802.11ac(VHT40)	HCH	5920-5955	5927.315	-39.21	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5650-5655	5654.290	-46.73	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5655-5700	5684.025	-40.30	-3.14	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5700-5720	5712.920	-33.18	13.62	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5720-5725	5722.005	-30.47	20.17	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5850-5855	5854.955	-37.27	15.70	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5855-5875	5865.380	-37.81	12.69	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5875-5920	5885.575	-44.60	1.31	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5920-5925	5920.390	-42.18	-27.00	Pass
NVNT	ANT2	802.11ac(VHT80)	MCH	5650-5655	5654.520	-42.49	-27.00	Pass
NVNT	ANT2	802.11ac(VHT80)	MCH	5655-5700	5683.800	-35.29	-3.32	Pass
NVNT	ANT2	802.11ac(VHT80)	MCH	5700-5720	5715.520	-28.35	14.35	Pass
NVNT	ANT2	802.11ac(VHT80)	MCH	5720-5725	5720.485	-27.27	16.71	Pass
NVNT	ANT2	802.11ac(VHT80)	MCH	5850-5855	5854.170	-30.46	17.49	Pass
NVNT	ANT2	802.11ac(VHT80)	MCH	5855-5875	5860.600	-30.27	14.03	Pass
NVNT	ANT2	802.11ac(VHT80)	MCH	5875-5920	5888.905	-39.13	-1.43	Pass
NVNT	ANT2	802.11ac(VHT80)	MCH	5920-5925	5921.305	-36.10	-27.00	Pass

Bandedge_NVNT_ANT1_802_11a_5745



Bandedge_NVNT_ANT2_802_11a_5745



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.652390000 GHz	-44.27 dBm	-17.27 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.673180000 GHz	-43.97 dBm	-31.90 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.719880000 GHz	-35.85 dBm	-51.41 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.722205000 GHz	-33.62 dBm	-54.24 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.747160000 GHz	14.33 dBm	-12.67 dB

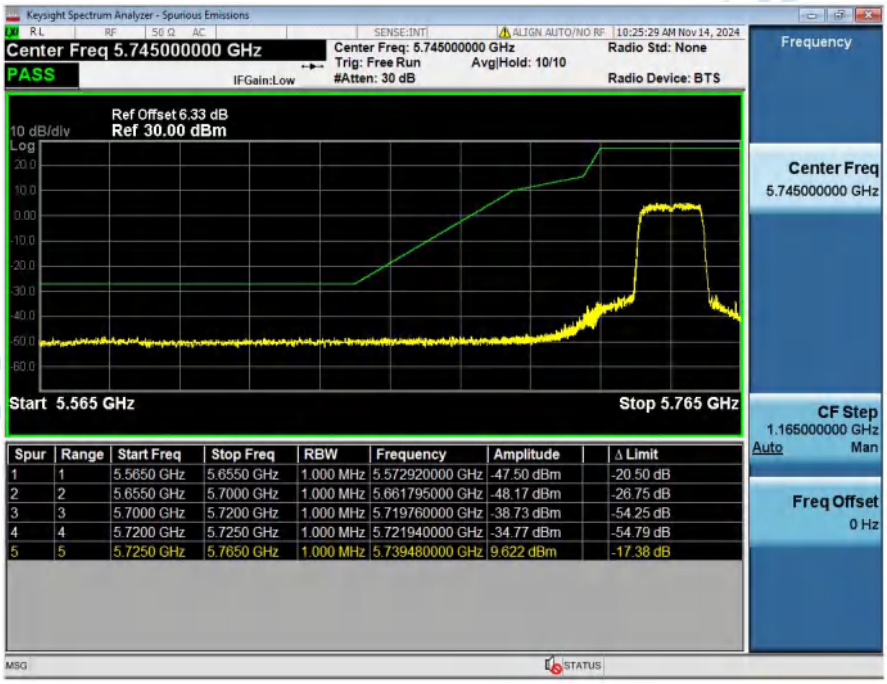
Bandedge_NVNT_ANT1_802_11a_5825

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.828850000 GHz	5.195 dBm	-21.81 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.853470000 GHz	-34.56 dBm	-53.65 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.855060000 GHz	-35.90 dBm	-51.48 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.913880000 GHz	-47.06 dBm	-25.12 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.990295000 GHz	-41.15 dBm	-14.15 dB

Bandedge_NVNT_ANT2_802_11a_5825

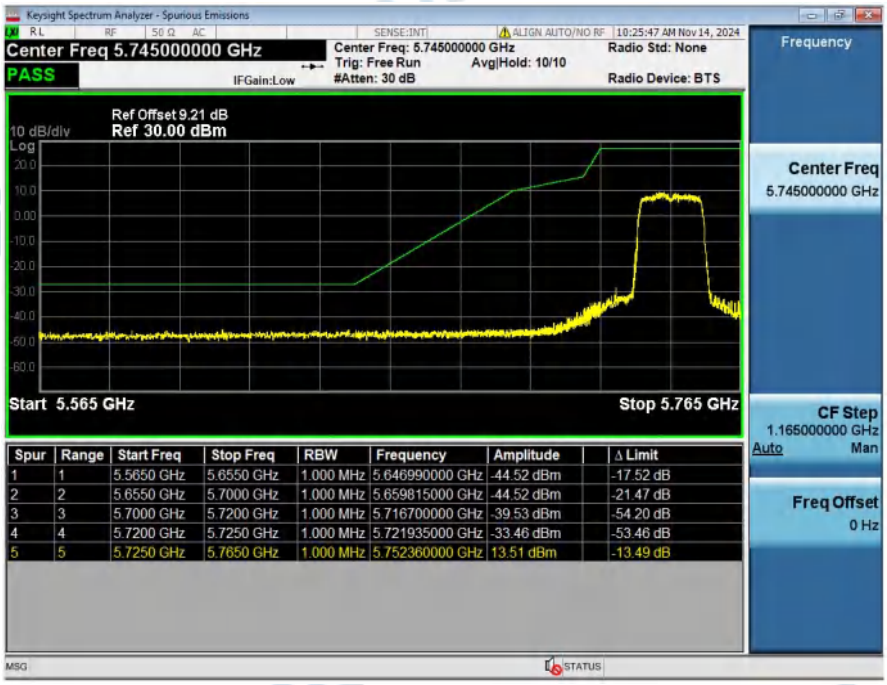
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.821335000 GHz	9.303 dBm	-17.70 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.853250000 GHz	-38.17 dBm	-57.76 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.863040000 GHz	-43.00 dBm	-56.35 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.912665000 GHz	-44.01 dBm	-23.08 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	6.003640000 GHz	-40.70 dBm	-13.70 dB

Bandedge_NVNT_ANT1_802_11ac(VHT20)_5745



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.572920000 GHz	-47.50 dBm	-20.50 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.661795000 GHz	-48.17 dBm	-26.75 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.719760000 GHz	-38.73 dBm	-54.25 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721940000 GHz	-34.77 dBm	-54.79 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.739480000 GHz	9.622 dBm	-17.38 dB

Bandedge_NVNT_ANT2_802_11ac(VHT20)_5745



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.646990000 GHz	-44.52 dBm	-17.52 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.659815000 GHz	-44.52 dBm	-21.47 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.716700000 GHz	-39.53 dBm	-54.20 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721935000 GHz	-33.46 dBm	-53.46 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.752360000 GHz	13.51 dBm	-13.49 dB

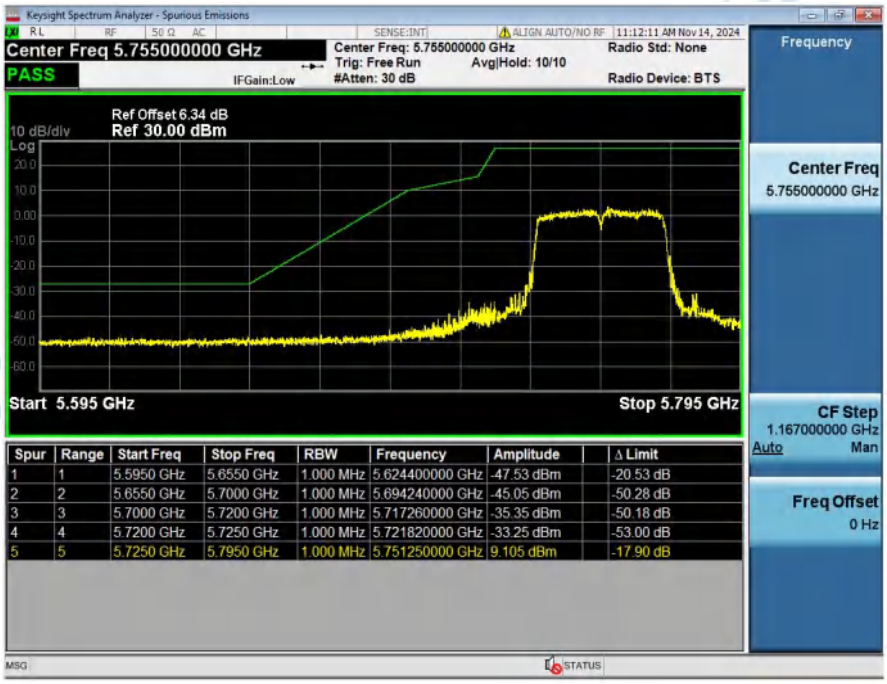
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5825

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.822550000 GHz	5.515 dBm	-21.49 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.851640000 GHz	-40.39 dBm	-63.65 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.855900000 GHz	-42.24 dBm	-57.58 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.916850000 GHz	-47.15 dBm	-22.77 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.973890000 GHz	-44.19 dBm	-17.19 dB

Bandedge_NVNT_ANT2_802_11ac(VHT20)_5825

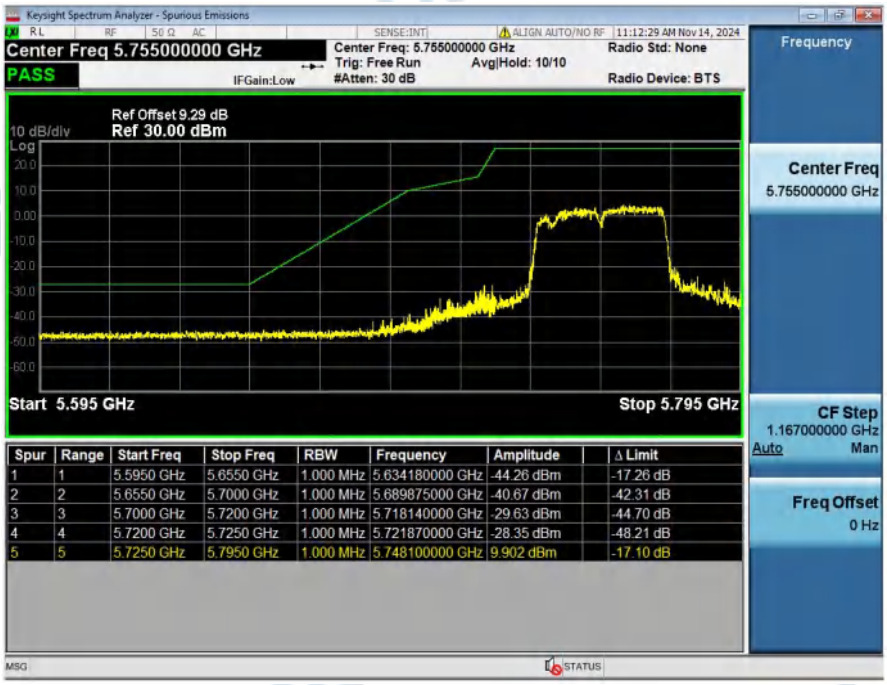
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.820435000 GHz	8.794 dBm	-18.21 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.853940000 GHz	-30.82 dBm	-48.84 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.859600000 GHz	-33.20 dBm	-47.51 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.911900000 GHz	-43.38 dBm	-23.07 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.959610000 GHz	-40.01 dBm	-13.01 dB

Bandedge_NVNT_ANT1_802_11ac(VHT40)_5755



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5950 GHz	5.6550 GHz	1.000 MHz	5.624400000 GHz	-47.53 dBm	-20.53 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.694240000 GHz	-45.05 dBm	-50.28 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.717260000 GHz	-35.35 dBm	-50.18 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721820000 GHz	-33.25 dBm	-53.00 dB
5	5	5.7250 GHz	5.7950 GHz	1.000 MHz	5.751250000 GHz	9.105 dBm	-17.90 dB

Bandedge_NVNT_ANT2_802_11ac(VHT40)_5755

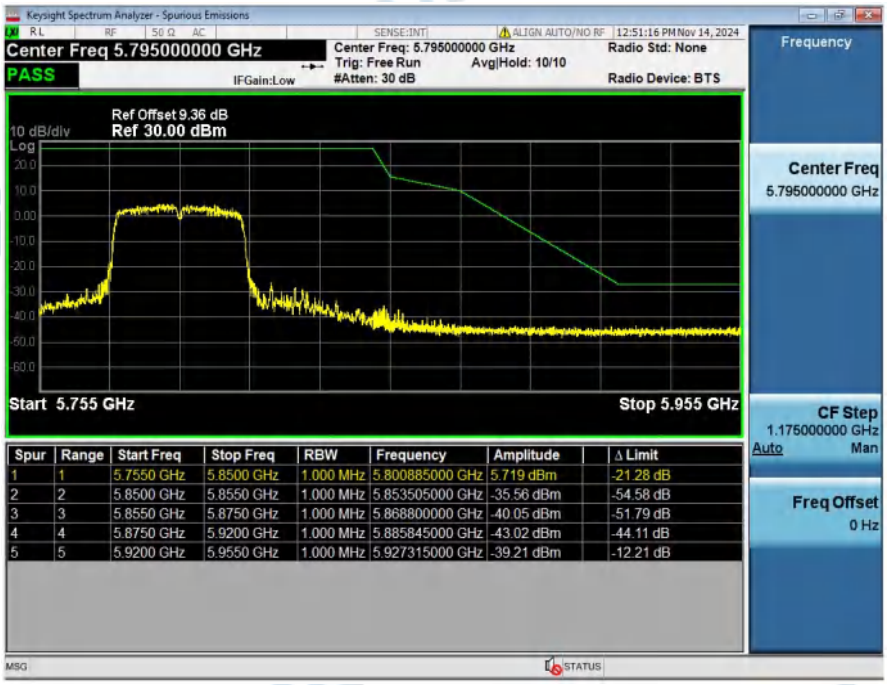


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5950 GHz	5.6550 GHz	1.000 MHz	5.634180000 GHz	-44.26 dBm	-17.26 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.689875000 GHz	-40.67 dBm	-42.31 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.718140000 GHz	-29.63 dBm	-44.70 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721870000 GHz	-28.35 dBm	-48.21 dB
5	5	5.7250 GHz	5.7950 GHz	1.000 MHz	5.748100000 GHz	9.902 dBm	-17.10 dB

Bandedge_NVNT_ANT1_802_11ac(VHT40)_5795

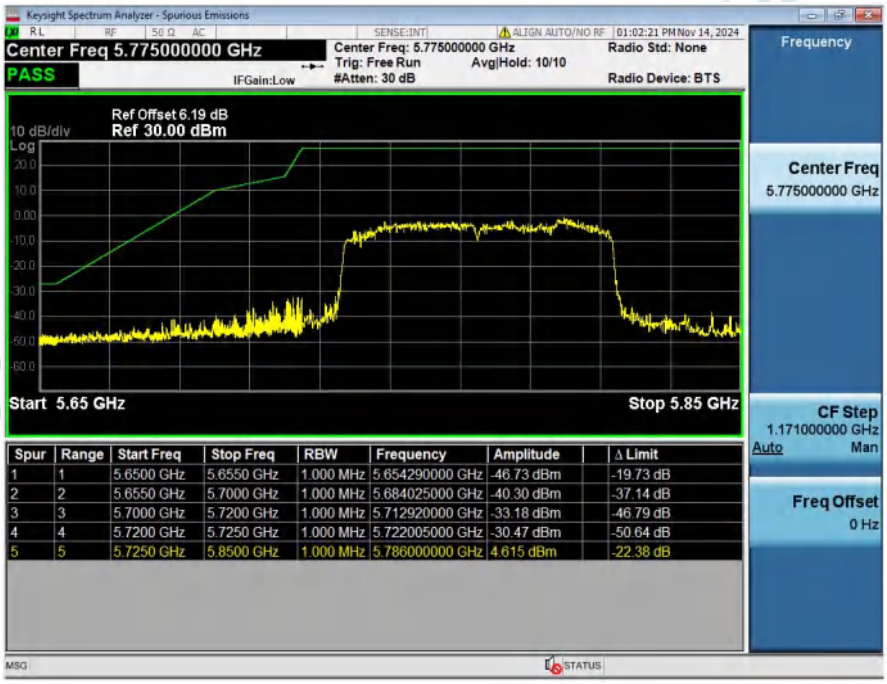
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.779795000 GHz	1.222 dBm	-25.78 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.851915000 GHz	-43.84 dBm	-66.47 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.859180000 GHz	-45.63 dBm	-60.06 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.916220000 GHz	-46.92 dBm	-23.06 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.935575000 GHz	-42.96 dBm	-15.96 dB

Bandedge_NVNT_ANT2_802_11ac(VHT40)_5795



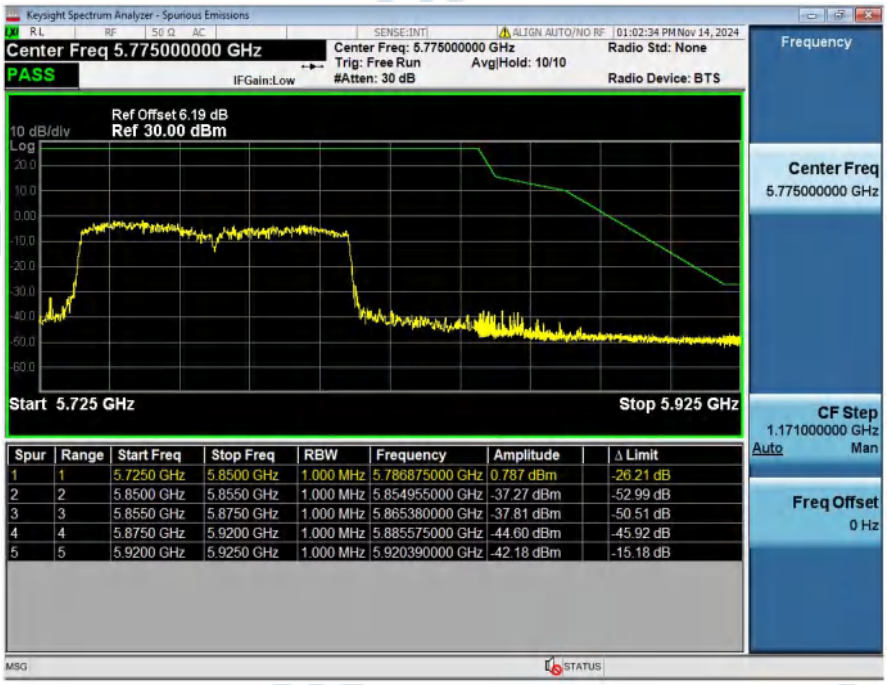
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.800885000 GHz	5.719 dBm	-21.28 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.853505000 GHz	-35.56 dBm	-54.58 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.868800000 GHz	-40.05 dBm	-51.79 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.885845000 GHz	-43.02 dBm	-44.11 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.927315000 GHz	-39.21 dBm	-12.21 dB

Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_low



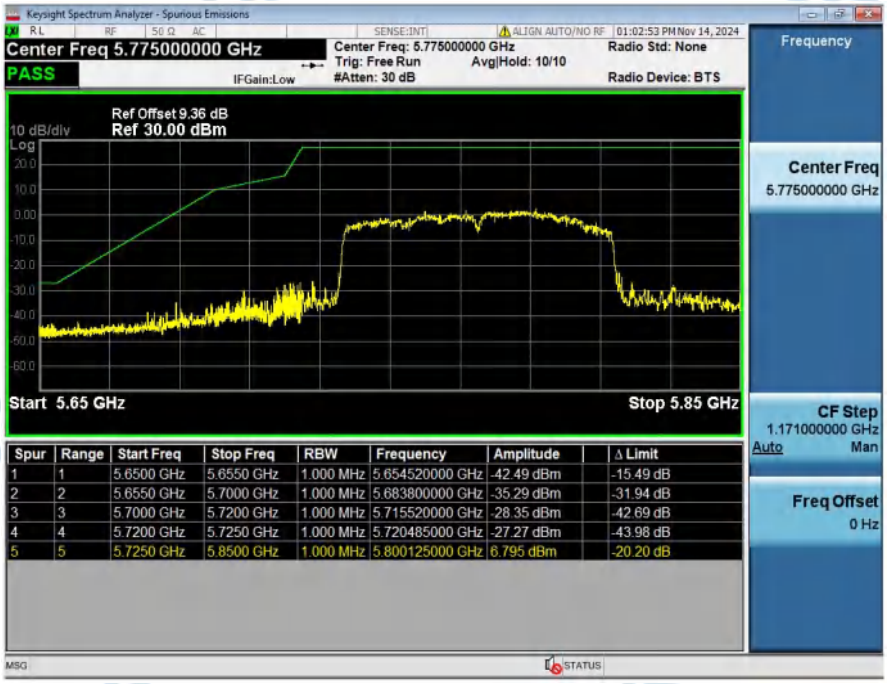
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.6500 GHz	5.6550 GHz	1.000 MHz	5.654290000 GHz	-46.73 dBm	-19.73 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.684025000 GHz	-40.30 dBm	-37.14 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.712920000 GHz	-33.18 dBm	-46.79 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.722005000 GHz	-30.47 dBm	-50.64 dB
5	5	5.7250 GHz	5.8500 GHz	1.000 MHz	5.786000000 GHz	4.615 dBm	-22.38 dB

Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_up



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7250 GHz	5.8500 GHz	1.000 MHz	5.786875000 GHz	0.787 dBm	-26.21 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854955000 GHz	-37.27 dBm	-52.99 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.865380000 GHz	-37.81 dBm	-50.51 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.885575000 GHz	-44.60 dBm	-45.92 dB
5	5	5.9200 GHz	5.9250 GHz	1.000 MHz	5.920390000 GHz	-42.18 dBm	-15.18 dB

Bandedge_NVNT_ANT2_802_11ac(VHT80)_5775_low



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.6500 GHz	5.6550 GHz	1.000 MHz	5.654520000 GHz	-42.49 dBm	-15.49 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.683800000 GHz	-35.29 dBm	-31.94 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.715520000 GHz	-28.35 dBm	-42.69 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720485000 GHz	-27.27 dBm	-43.98 dB
5	5	5.7250 GHz	5.8500 GHz	1.000 MHz	5.800125000 GHz	6.795 dBm	-20.20 dB

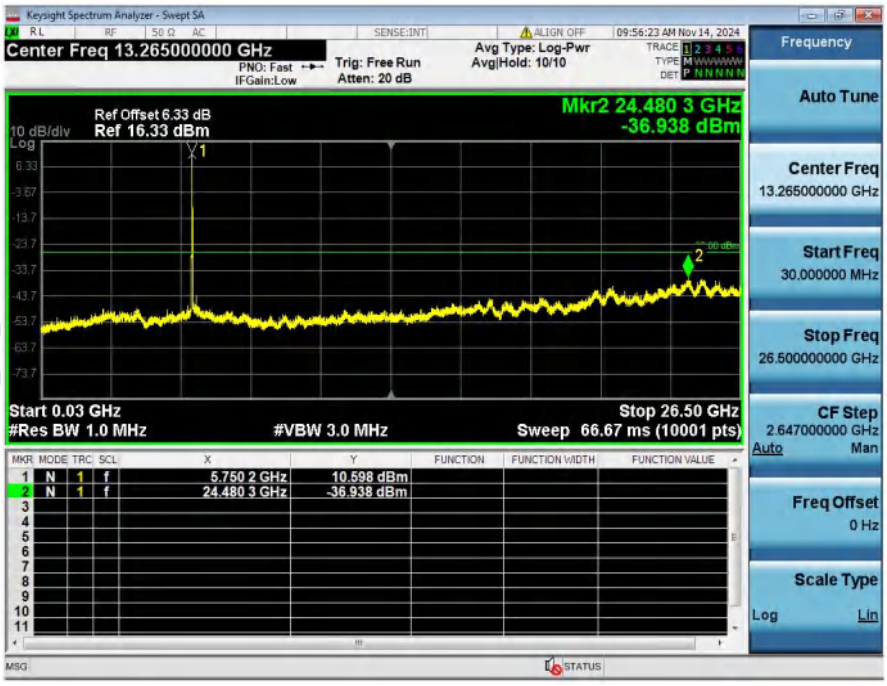
Bandedge_NVNT_ANT2_802_11ac(VHT80)_5775_up

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7250 GHz	5.8500 GHz	1.000 MHz	5.764000000 GHz	2.731 dBm	-24.27 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854170000 GHz	-30.46 dBm	-47.97 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.860600000 GHz	-30.27 dBm	-44.31 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.888905000 GHz	-39.13 dBm	-37.71 dB
5	5	5.9200 GHz	5.9250 GHz	1.000 MHz	5.921305000 GHz	-36.10 dBm	-9.099 dB

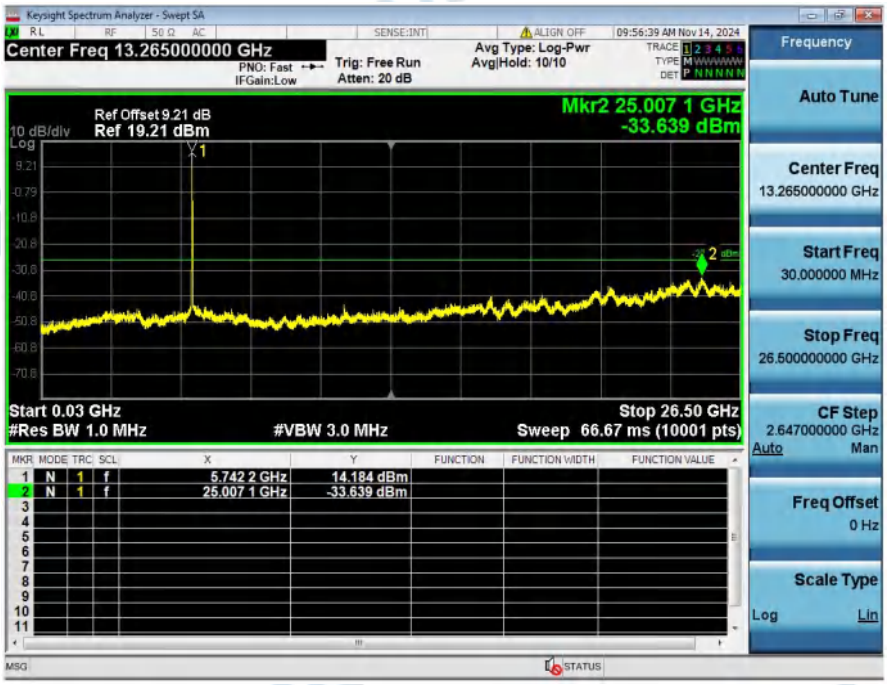
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	24480.34	-36.94	-27	Pass
NVNT	ANT2	802.11a	5745.00	25007.09	-33.64	-27	Pass
NVNT	ANT1	802.11a	5785.00	25025.62	-36.89	-27	Pass
NVNT	ANT2	802.11a	5785.00	24437.99	-33.11	-27	Pass
NVNT	ANT1	802.11a	5825.00	25041.50	-36.78	-27	Pass
NVNT	ANT2	802.11a	5825.00	24432.69	-34.34	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	25062.68	-37.16	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	25054.74	-33.22	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	24469.75	-37.11	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	25060.03	-33.69	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	24445.93	-36.44	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	24533.28	-34.16	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	25012.39	-36.31	-27	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	24543.87	-33.35	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	24988.56	-36.59	-27	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	24424.75	-33.21	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	24985.92	-37.11	-27	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	24520.04	-33.78	-27	Pass

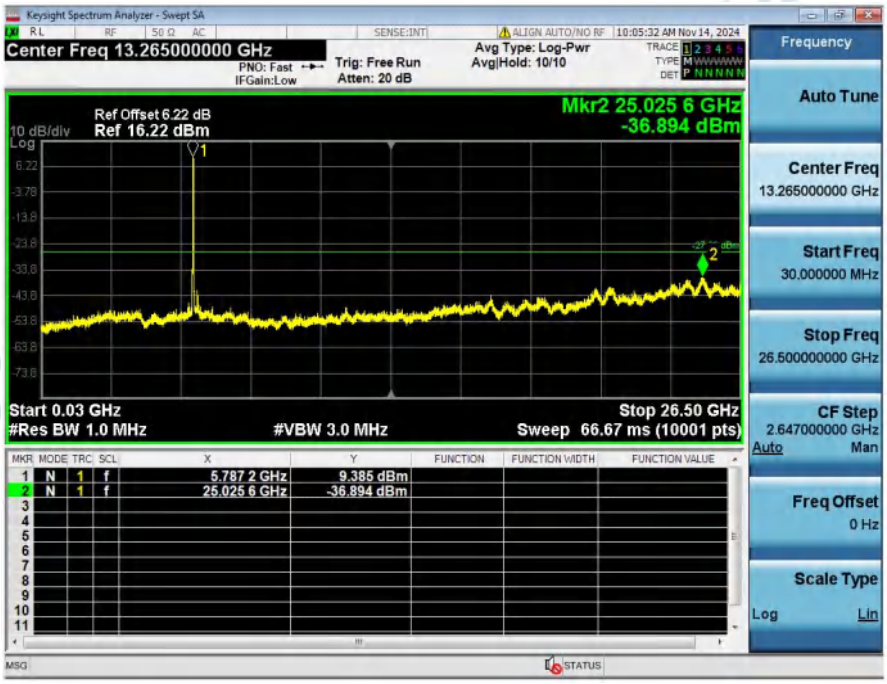
Spurious_Emission_NVNT_ANT1_802_11a_5745



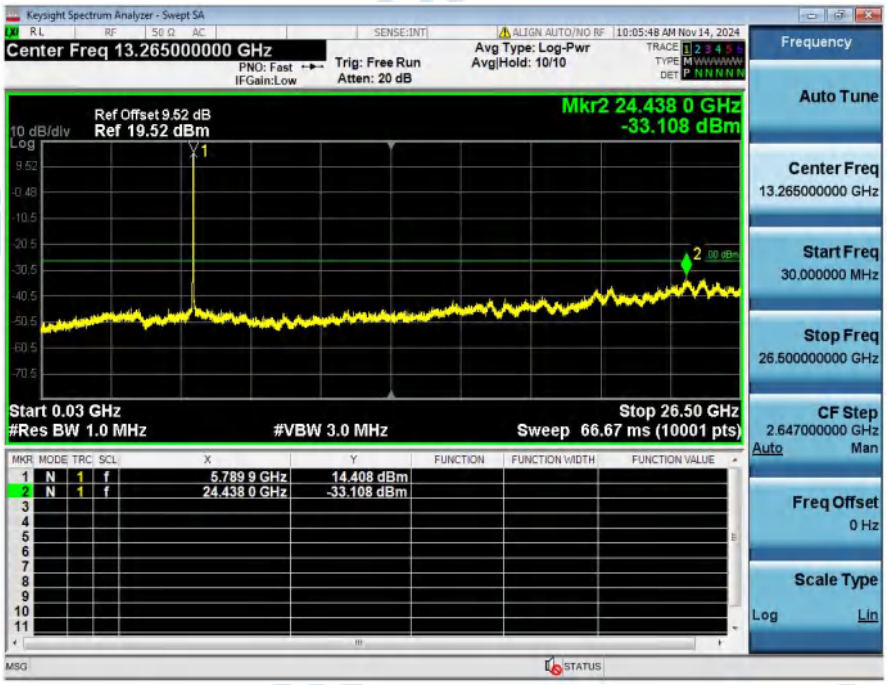
Spurious_Emission_NVNT_ANT2_802_11a_5745



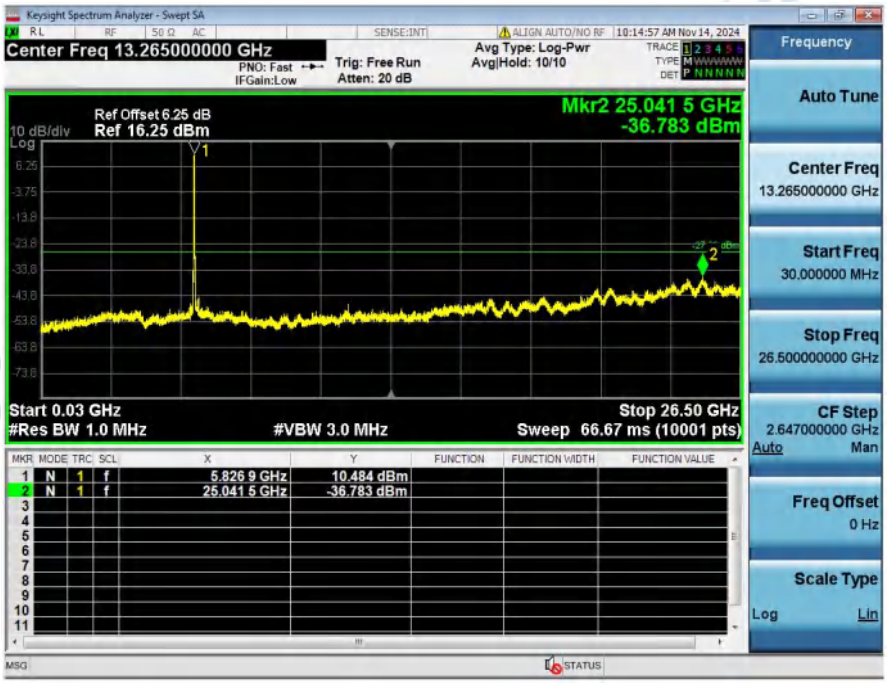
Spurious_Emission_NVNT_ANT1_802_11a_5785



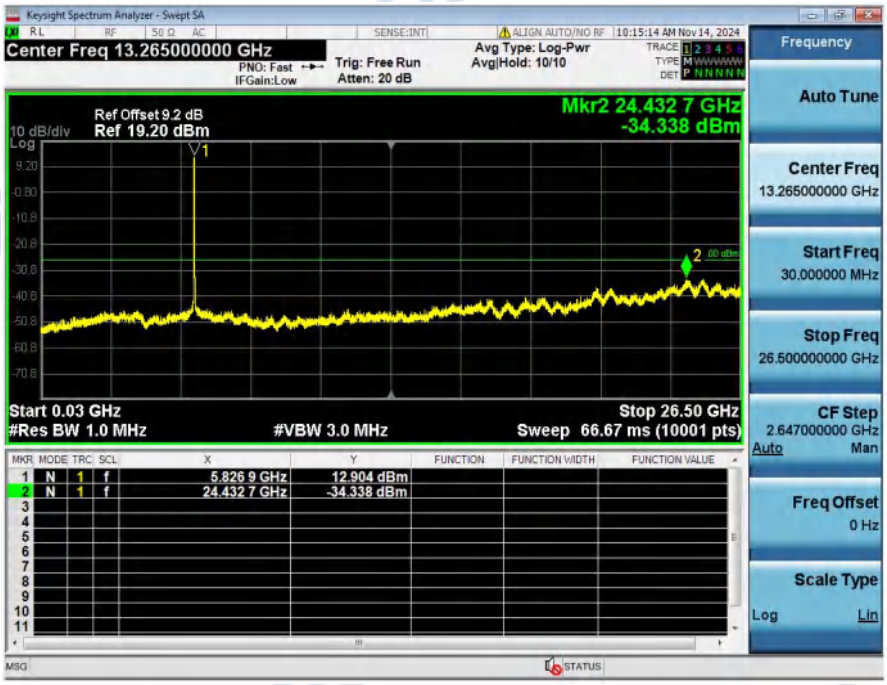
Spurious_Emission_NVNT_ANT2_802_11a_5785



Spurious_Emission_NVNT_ANT1_802_11a_5825

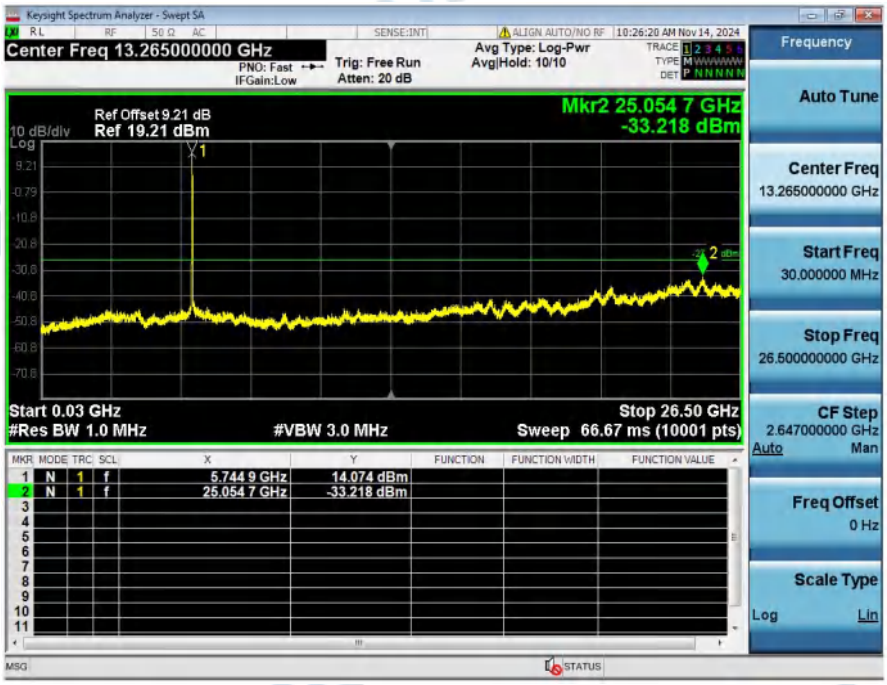


Spurious_Emission_NVNT_ANT2_802_11a_5825

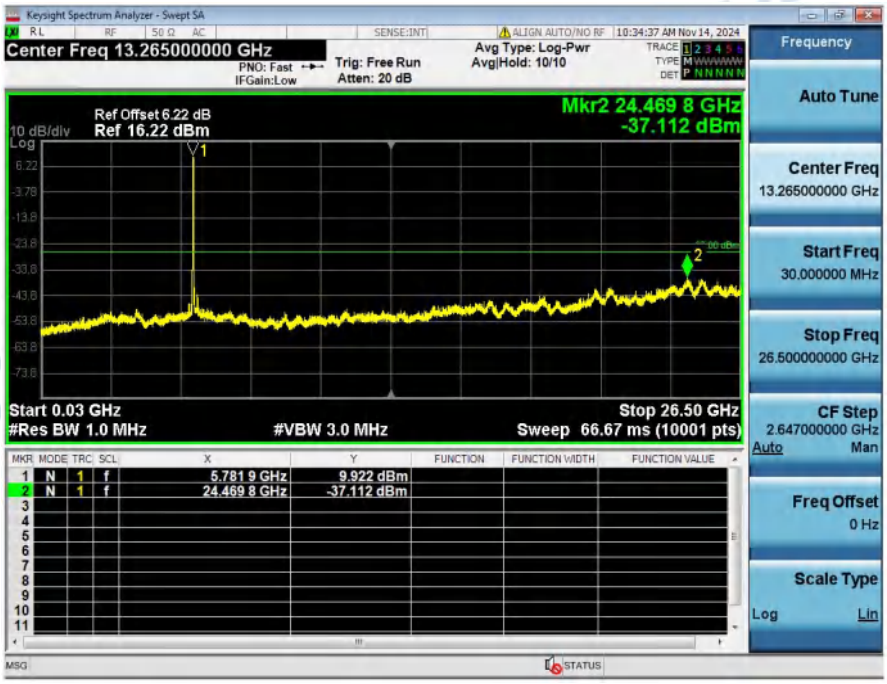


Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5745

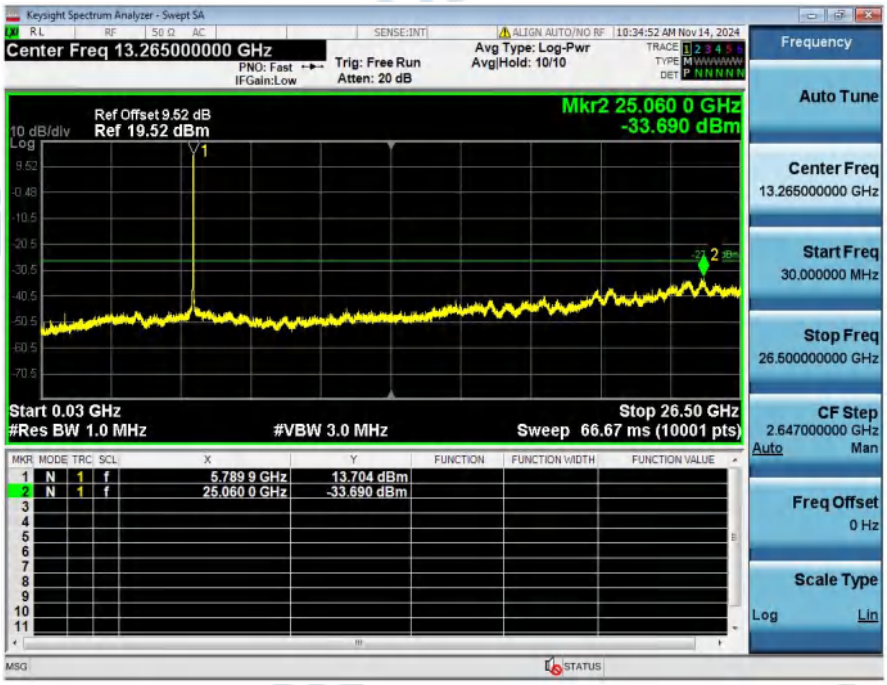
Spurious_Emission_NVNT_ANT2_802_11ac(VHT20)_5745



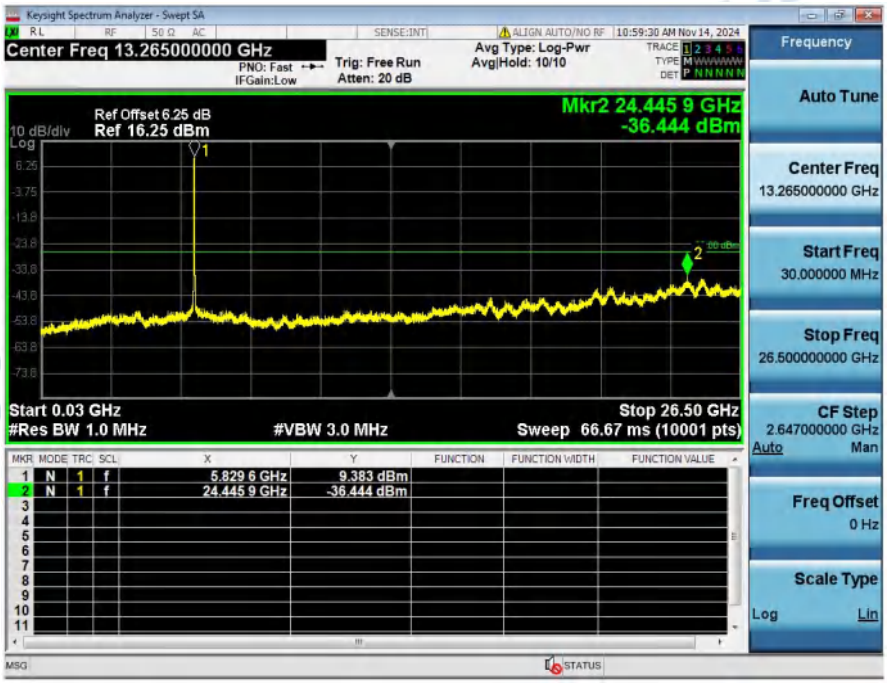
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5785



Spurious_Emission_NVNT_ANT2_802_11ac(VHT20)_5785



Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5825



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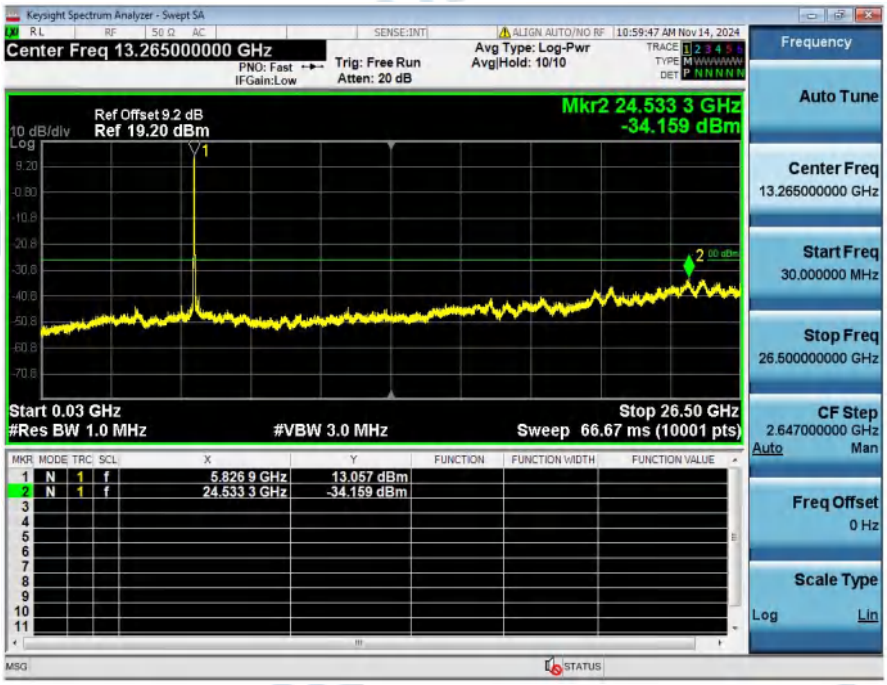
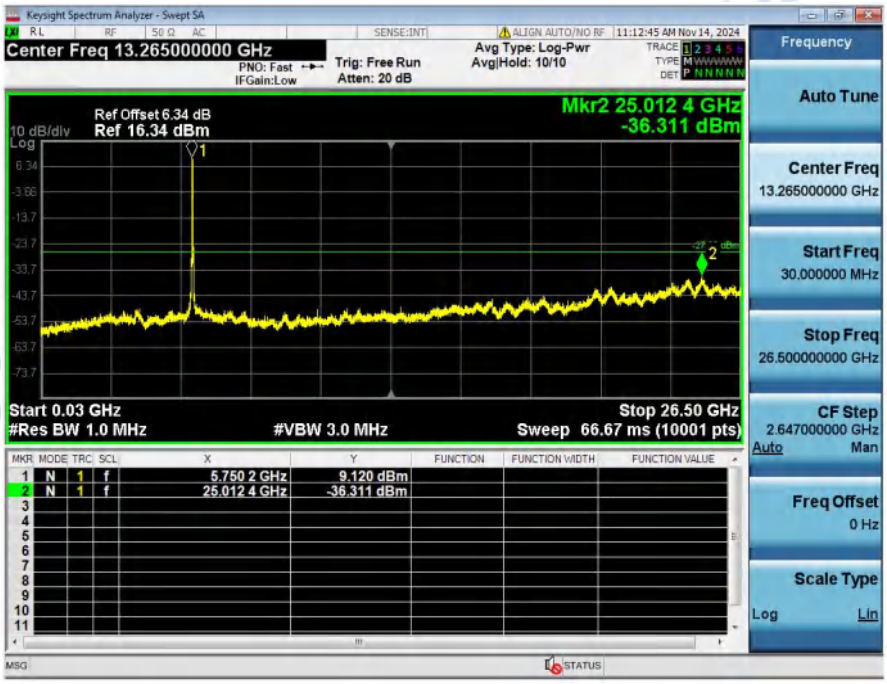
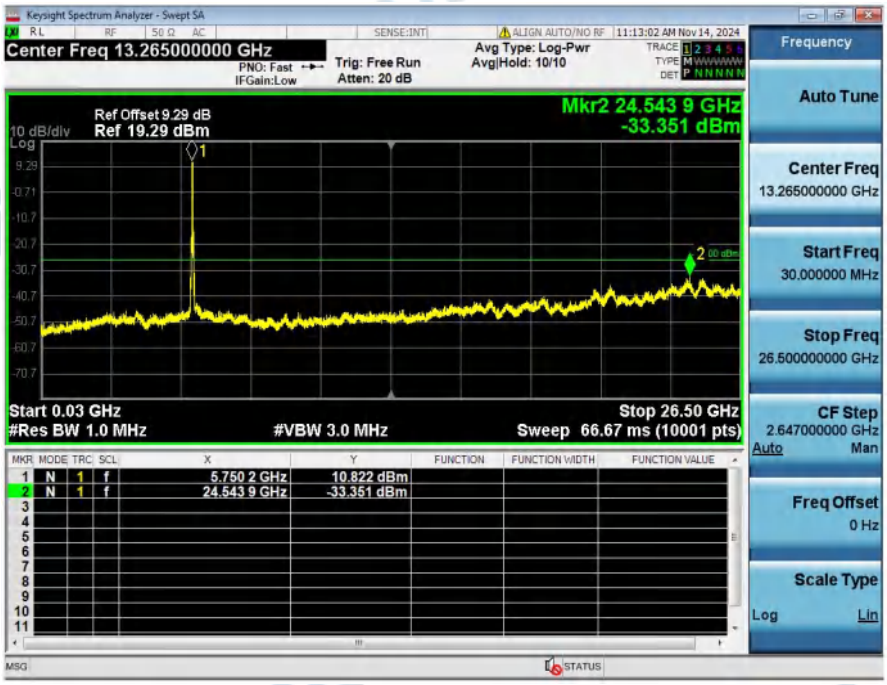


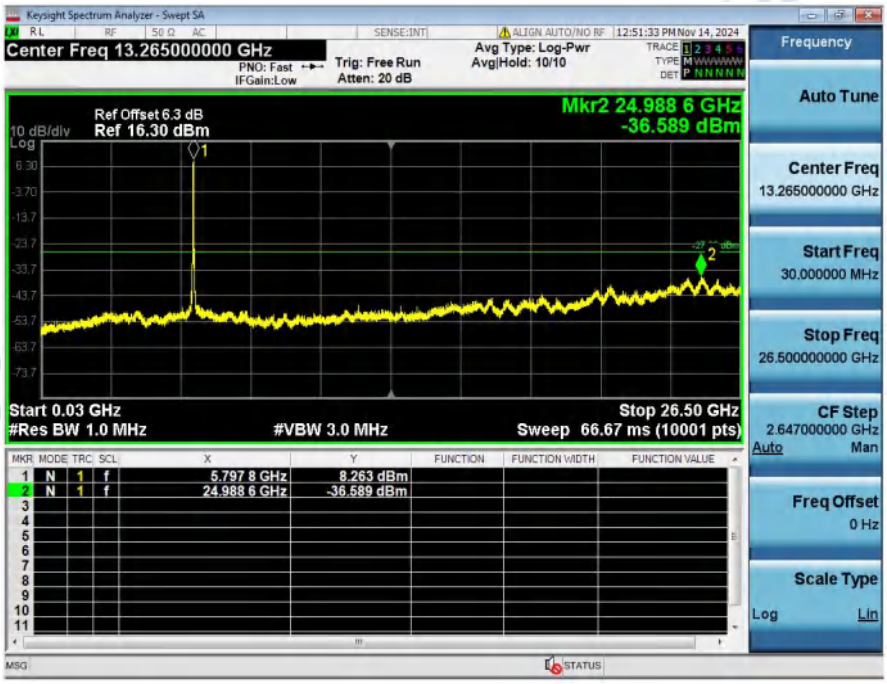
Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5755



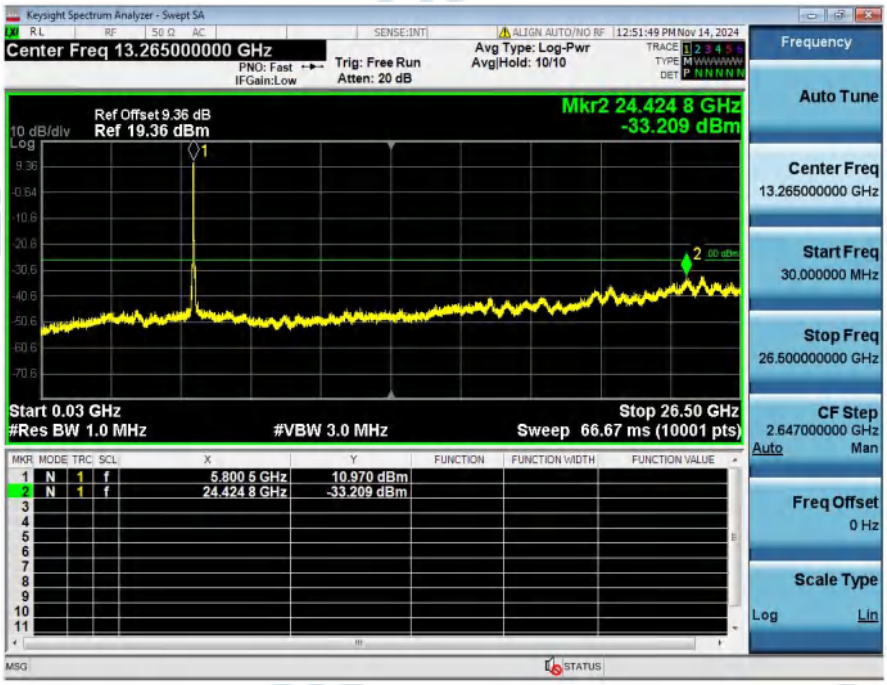
Spurious_Emission_NVNT_ANT2_802_11ac(VHT40)_5755



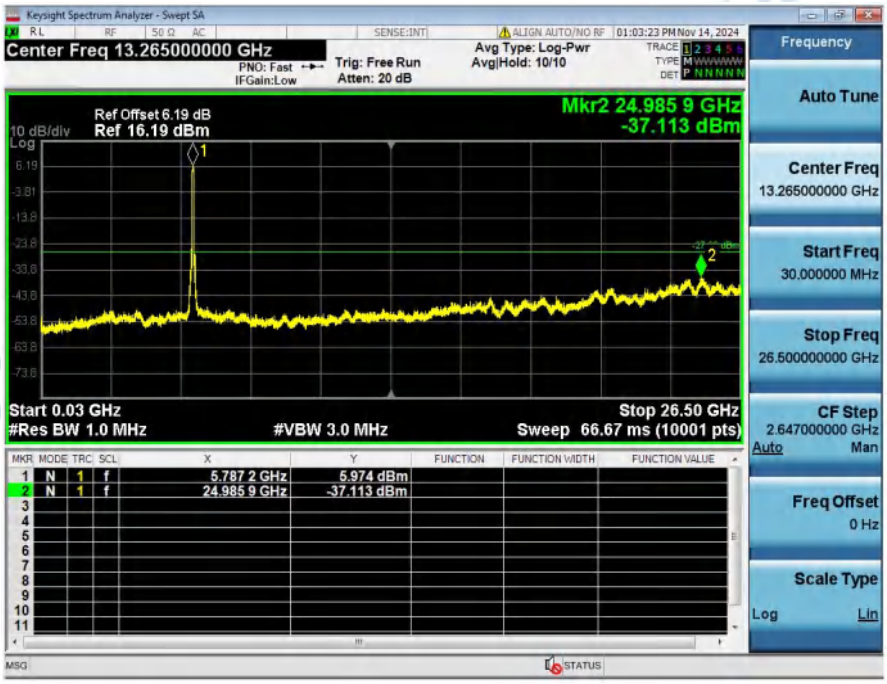
Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5795



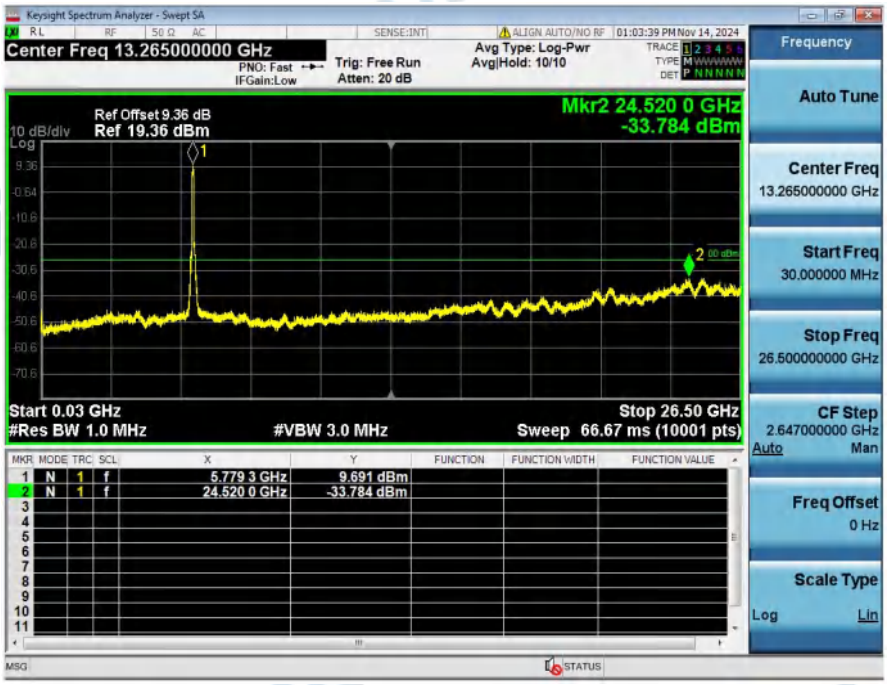
Spurious_Emission_NVNT_ANT2_802_11ac(VHT40)_5795



Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_5775



Spurious_Emission_NVNT_ANT2_802_11ac(VHT80)_5775



8. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
55degrees C&&3.80V	ANT1	802.11a	5745.00	5745.014	5736.648	5753.380	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5745.00	5745.012	5736.816	5753.208	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5745.00	5745.004	5736.896	5753.112	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5745.00	5745.012	5736.964	5753.060	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5745.00	5745.016	5737.032	5753.000	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5745.00	5745.012	5737.092	5752.932	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5745.00	5745.014	5737.144	5752.884	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5745.00	5745.014	5737.200	5752.828	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5745.00	5745.020	5737.256	5752.784	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5745.00	5745.012	5737.308	5752.716	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5745.00	5745.004	5737.352	5752.656	5725~5850	Pass
55degrees C&&3.80V	ANT2	802.11a	5745.00	5745.014	5736.684	5753.344	5725~5850	Pass
45degrees C&&3.80V	ANT2	802.11a	5745.00	5745.008	5736.812	5753.204	5725~5850	Pass
35degrees C&&3.80V	ANT2	802.11a	5745.00	5745.010	5736.884	5753.136	5725~5850	Pass
25degrees C&&3.80V	ANT2	802.11a	5745.00	5745.016	5736.952	5753.080	5725~5850	Pass
15degrees C&&3.80V	ANT2	802.11a	5745.00	5745.006	5737.000	5753.012	5725~5850	Pass
5degrees C&&3.80V	ANT2	802.11a	5745.00	5744.998	5737.056	5752.940	5725~5850	Pass
-5degrees C&&3.80V	ANT2	802.11a	5745.00	5745.006	5737.116	5752.896	5725~5850	Pass
-15degrees C&&3.80V	ANT2	802.11a	5745.00	5745.006	5737.172	5752.840	5725~5850	Pass
25degrees C&&4.37V	ANT2	802.11a	5745.00	5745.006	5737.236	5752.776	5725~5850	Pass
25degrees C&&3.80V	ANT2	802.11a	5745.00	5745.020	5737.292	5752.748	5725~5850	Pass
25degrees C&&3.23V	ANT2	802.11a	5745.00	5745.012	5737.352	5752.672	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11a	5785.00	5785.044	5776.656	5793.432	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5785.00	5785.042	5776.832	5793.252	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5785.00	5785.038	5776.920	5793.156	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5785.00	5785.032	5776.980	5793.084	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5785.00	5785.026	5777.036	5793.016	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5785.00	5785.028	5777.096	5792.960	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5785.00	5785.032	5777.148	5792.916	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5785.00	5785.030	5777.200	5792.860	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5785.00	5785.020	5777.244	5792.796	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5785.00	5785.024	5777.288	5792.760	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5785.00	5785.036	5777.344	5792.728	5725~5850	Pass
55degrees C&&3.80V	ANT2	802.11a	5785.00	5785.022	5776.676	5793.368	5725~5850	Pass
45degrees C&&3.80V	ANT2	802.11a	5785.00	5785.020	5776.824	5793.216	5725~5850	Pass
35degrees C&&3.80V	ANT2	802.11a	5785.00	5785.018	5776.896	5793.140	5725~5850	Pass
25degrees C&&3.80V	ANT2	802.11a	5785.00	5785.010	5776.948	5793.072	5725~5850	Pass
15degrees C&&3.80V	ANT2	802.11a	5785.00	5785.012	5777.012	5793.012	5725~5850	Pass
5degrees C&&3.80V	ANT2	802.11a	5785.00	5785.006	5777.060	5792.952	5725~5850	Pass
-5degrees C&&3.80V	ANT2	802.11a	5785.00	5785.000	5777.112	5792.888	5725~5850	Pass
-15degrees C&&3.80V	ANT2	802.11a	5785.00	5784.994	5777.164	5792.824	5725~5850	Pass
25degrees C&&4.37V	ANT2	802.11a	5785.00	5784.998	5777.220	5792.776	5725~5850	Pass
25degrees C&&3.80V	ANT2	802.11a	5785.00	5784.992	5777.272	5792.712	5725~5850	Pass
25degrees C&&3.23V	ANT2	802.11a	5785.00	5785.004	5777.320	5792.688	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11a	5825.00	5825.056	5816.596	5833.516	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5825.00	5825.050	5816.808	5833.292	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5825.00	5825.042	5816.904	5833.180	5725~5850	Pass

25degrees C&&3.80V	ANT1	802.11a	5825.00	5825.044	5816.976	5833.112	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5825.00	5825.044	5817.040	5833.048	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5825.00	5825.044	5817.096	5832.992	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5825.00	5825.048	5817.152	5832.944	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5825.00	5825.044	5817.200	5832.888	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5825.00	5825.048	5817.256	5832.840	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5825.00	5825.052	5817.312	5832.792	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5825.00	5825.062	5817.372	5832.752	5725~5850	Pass
55degrees C&&3.80V	ANT2	802.11a	5825.00	5825.024	5816.672	5833.376	5725~5850	Pass
45degrees C&&3.80V	ANT2	802.11a	5825.00	5825.028	5816.828	5833.228	5725~5850	Pass
35degrees C&&3.80V	ANT2	802.11a	5825.00	5825.024	5816.904	5833.144	5725~5850	Pass
25degrees C&&3.80V	ANT2	802.11a	5825.00	5825.032	5816.968	5833.096	5725~5850	Pass
15degrees C&&3.80V	ANT2	802.11a	5825.00	5825.020	5817.024	5833.016	5725~5850	Pass
5degrees C&&3.80V	ANT2	802.11a	5825.00	5825.022	5817.088	5832.956	5725~5850	Pass
-5degrees C&&3.80V	ANT2	802.11a	5825.00	5825.010	5817.140	5832.880	5725~5850	Pass
-15degrees C&&3.80V	ANT2	802.11a	5825.00	5825.032	5817.200	5832.864	5725~5850	Pass
25degrees C&&4.37V	ANT2	802.11a	5825.00	5825.042	5817.260	5832.824	5725~5850	Pass
25degrees C&&3.80V	ANT2	802.11a	5825.00	5825.030	5817.308	5832.752	5725~5850	Pass
25degrees C&&3.23V	ANT2	802.11a	5825.00	5825.024	5817.348	5832.700	5725~5850	Pass

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