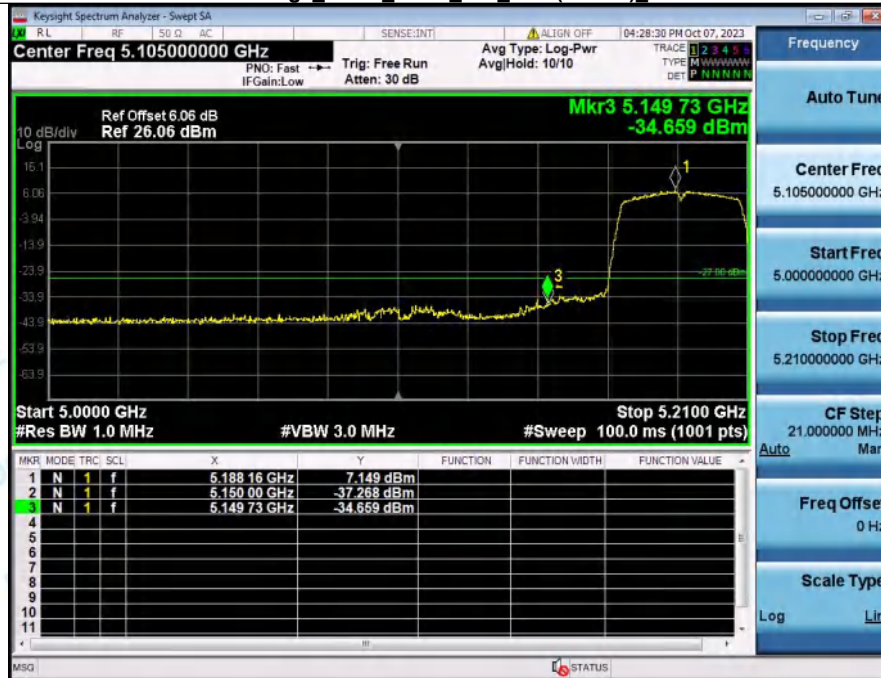
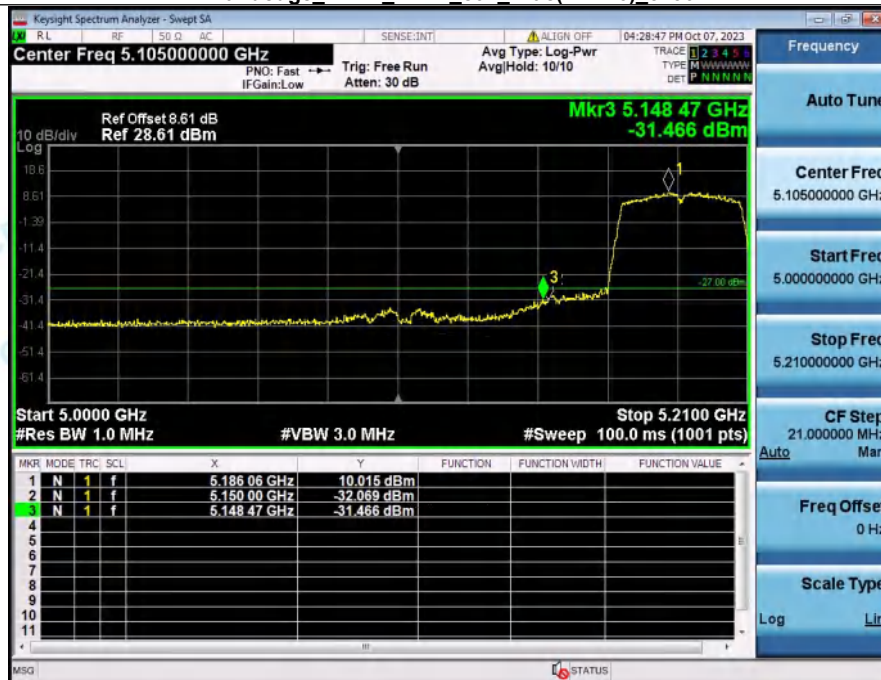


Bandedge_NVNT_ANT1_802_11ac(VHT40)_5190



Bandedge_NVNT_ANT2_802_11ac(VHT40)_5190



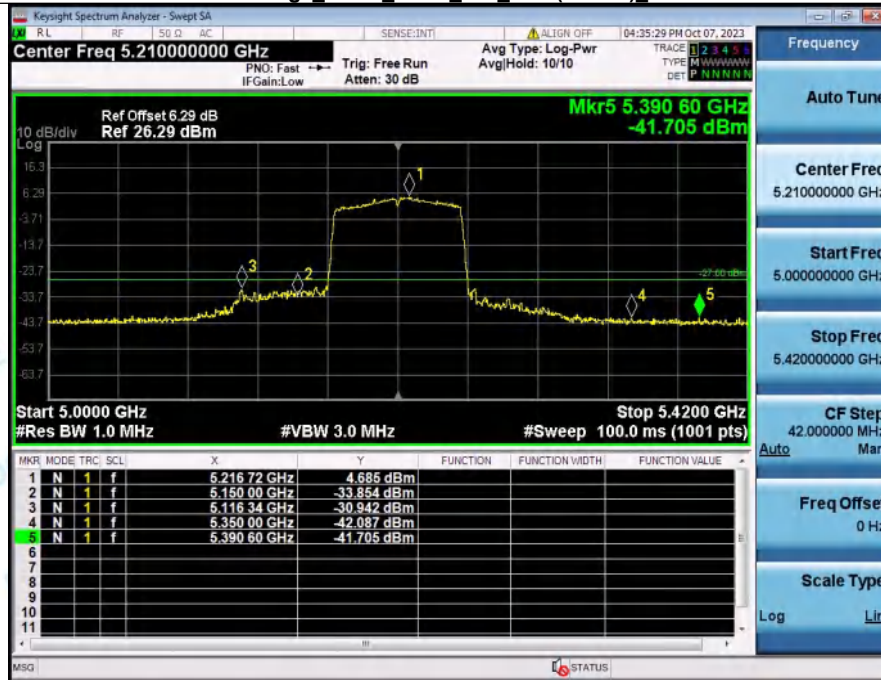
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5230



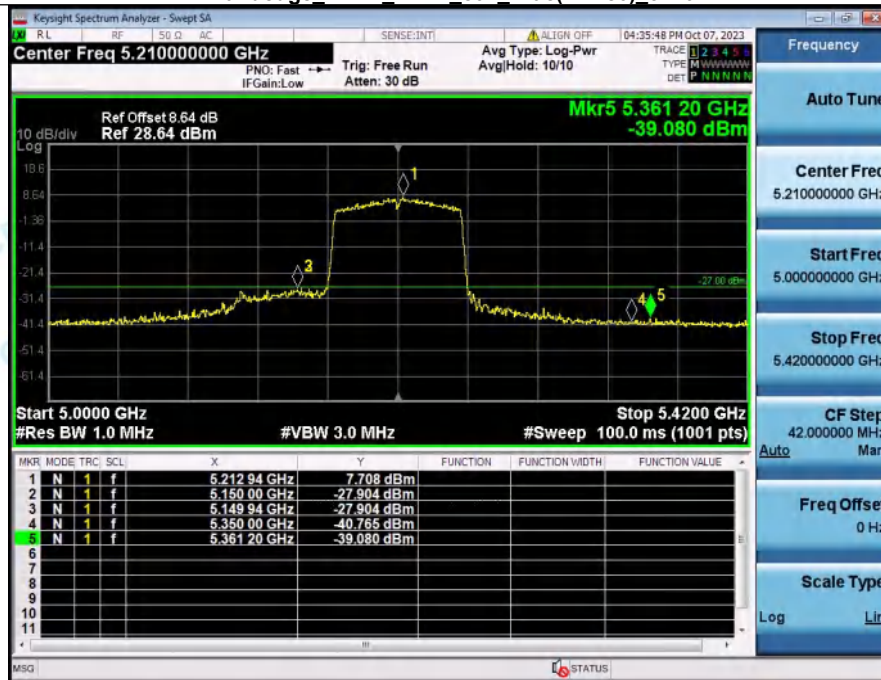
Bandedge_NVNT_ANT2_802_11ac(VHT40)_5230



Bandedge_NVNT_ANT1_802_11ac(VHT80)_5210



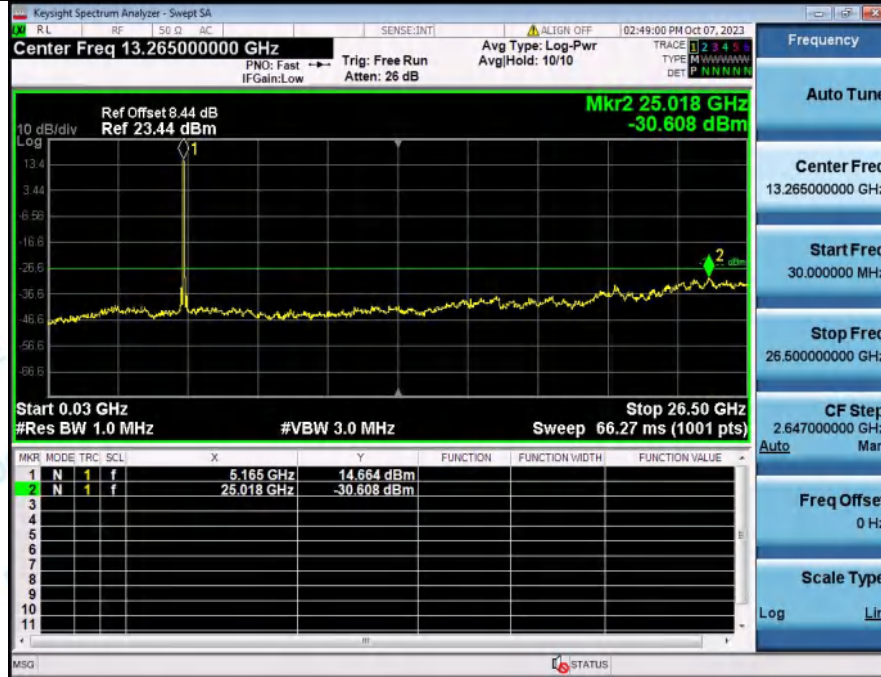
Bandedge_NVNT_ANT2_802_11ac(VHT80)_5210



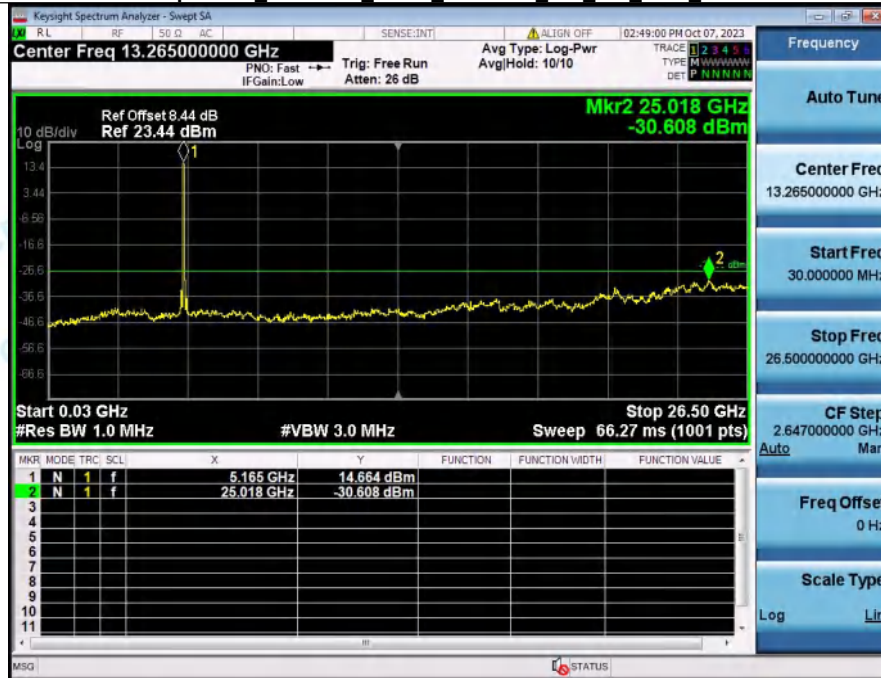
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	24991.21	-31.98	-27	Pass
NVNT	ANT2	802.11a	5180.00	25017.68	-30.61	-27	Pass
NVNT	ANT1	802.11a	5200.00	25044.15	-38.43	-27	Pass
NVNT	ANT2	802.11a	5200.00	24594.16	-36.08	-27	Pass
NVNT	ANT1	802.11a	5240.00	25017.68	-38.82	-27	Pass
NVNT	ANT2	802.11a	5240.00	25070.62	-35.60	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	24938.27	-38.74	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	24991.21	-36.69	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	24567.69	-38.93	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	25044.15	-36.72	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	24911.80	-38.37	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	24514.75	-35.92	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	24964.74	-38.37	-27	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	25017.68	-36.76	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	24991.21	-39.05	-27	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	25044.15	-35.45	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	25044.15	-38.02	-27	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	25044.15	-36.84	-27	Pass

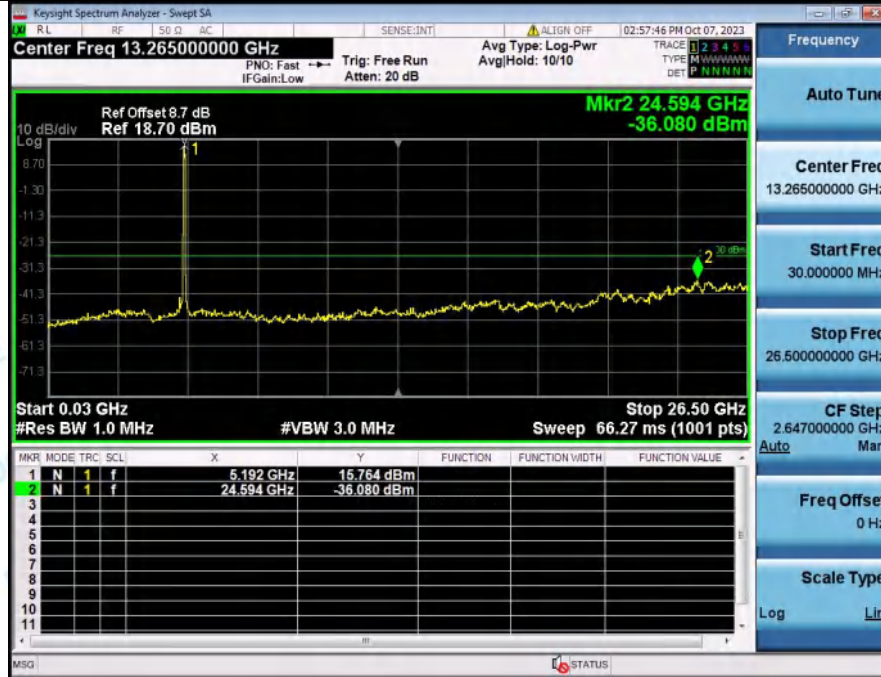
Spurious Emission NVNT_2TXx2RX_802_11a_5180_20M



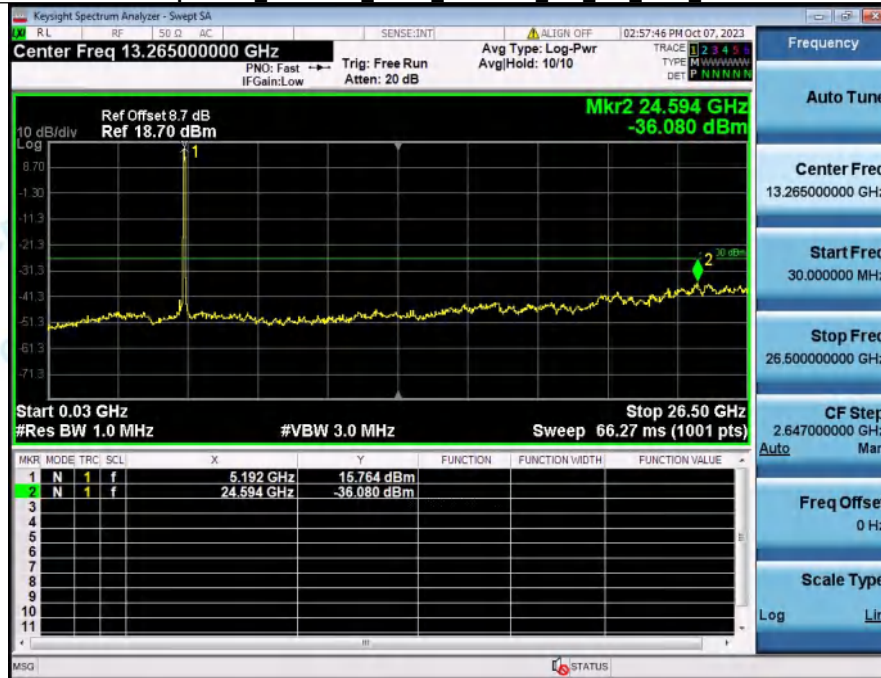
Spurious Emission NVNT_2TXx2RX_802_11a_5180_20M



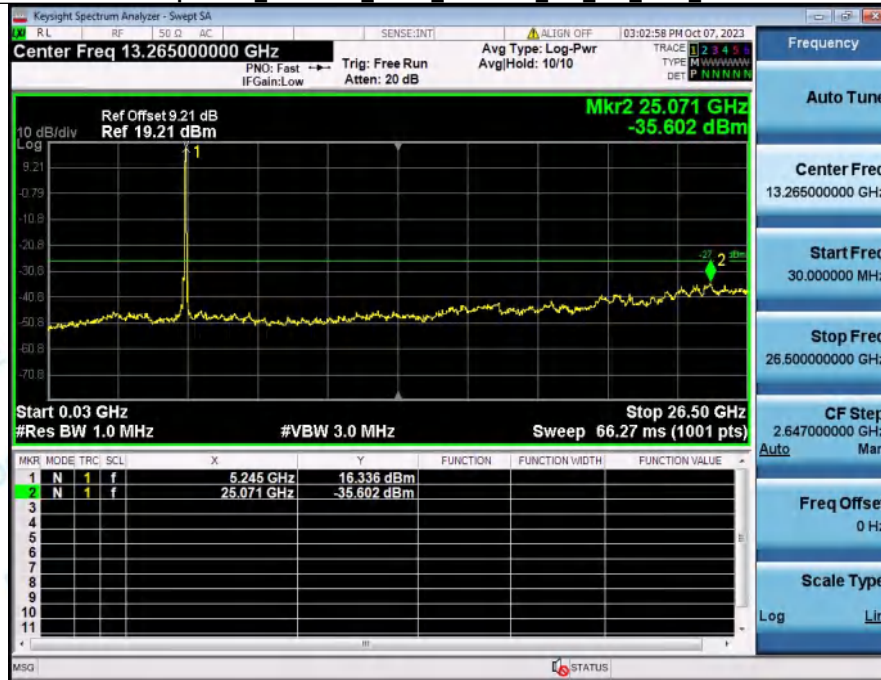
Spurious Emission NVNT_2TXx2RX_802_11a_5200_20M



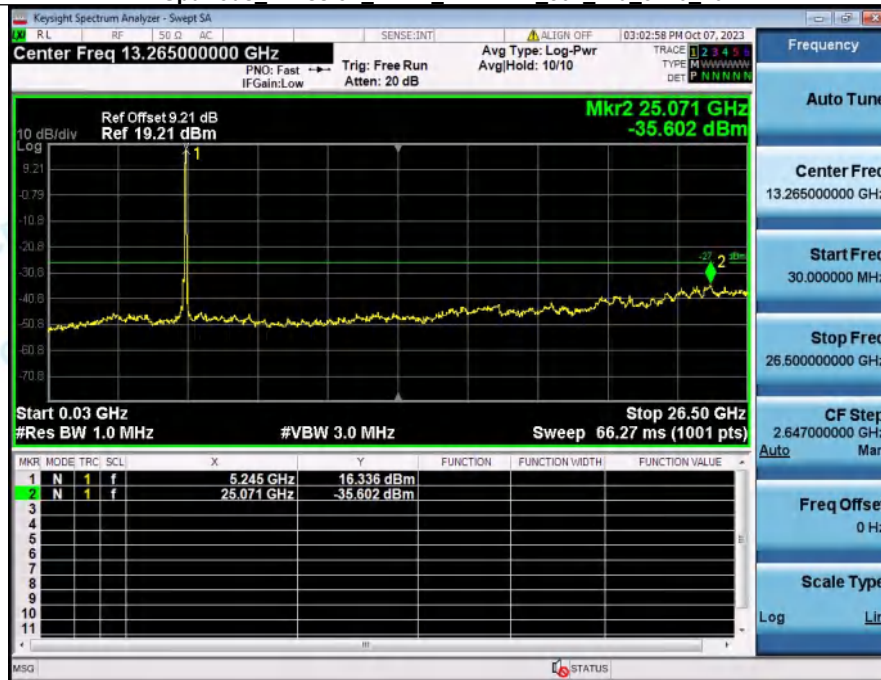
Spurious Emission NVNT_2TXx2RX_802_11a_5200_20M



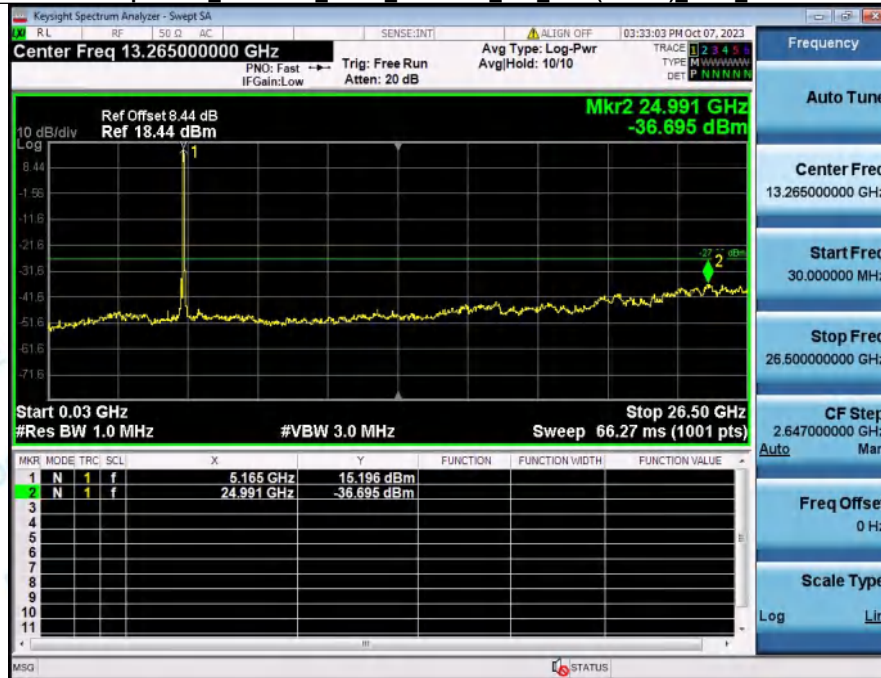
Spurious Emission NVNT_2TXx2RX_802_11a_5240_20M



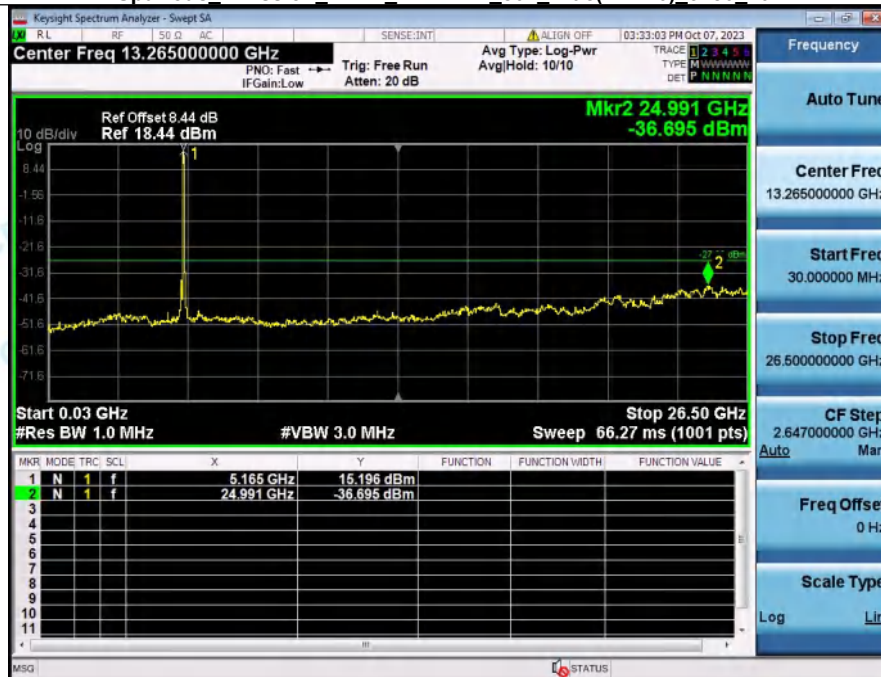
Spurious Emission NVNT_2TXx2RX_802_11a_5240_20M



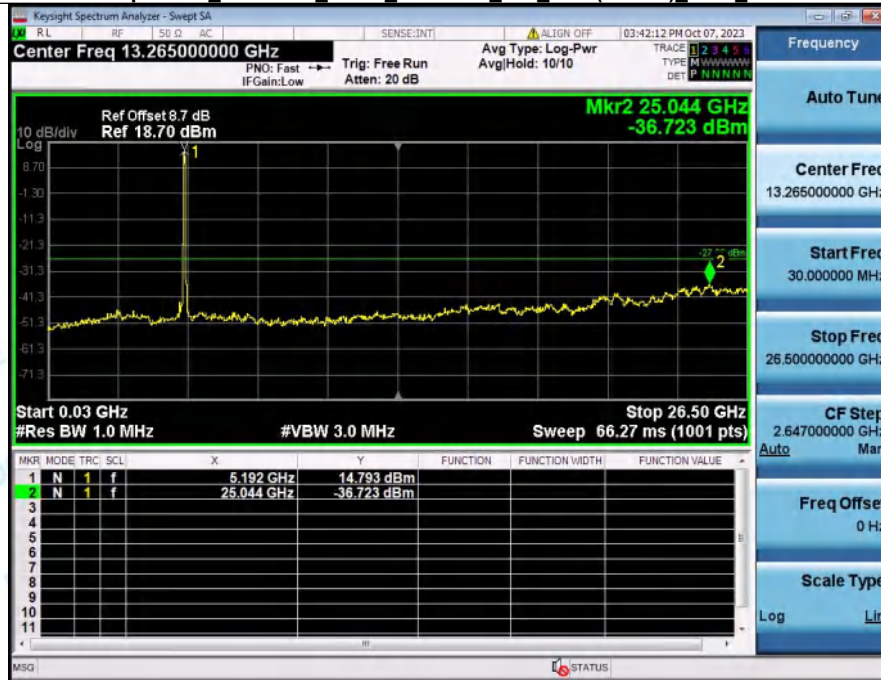
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT20)_5180_20M



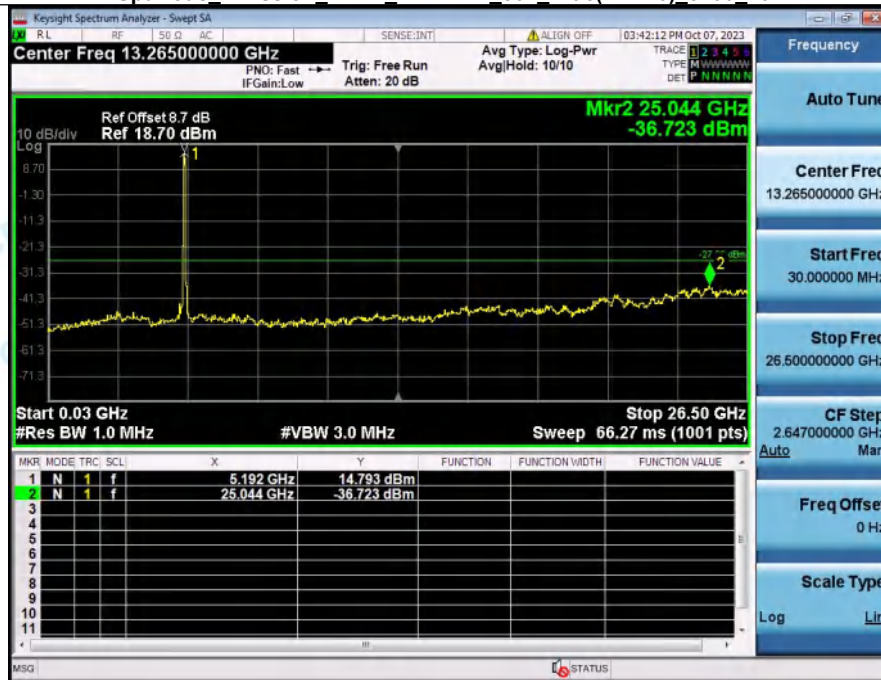
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT20)_5180_20M



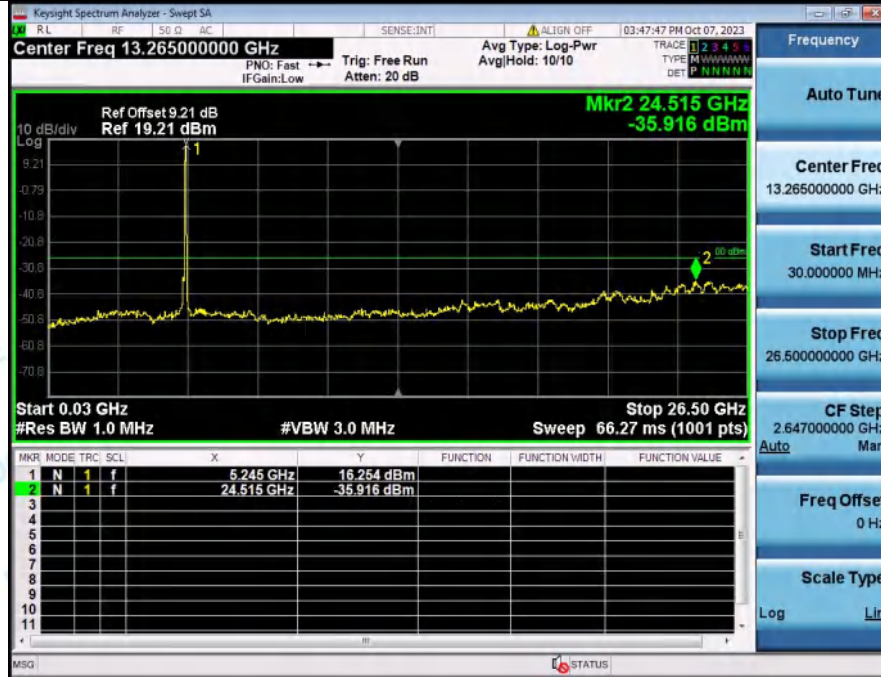
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT20)_5200_20M



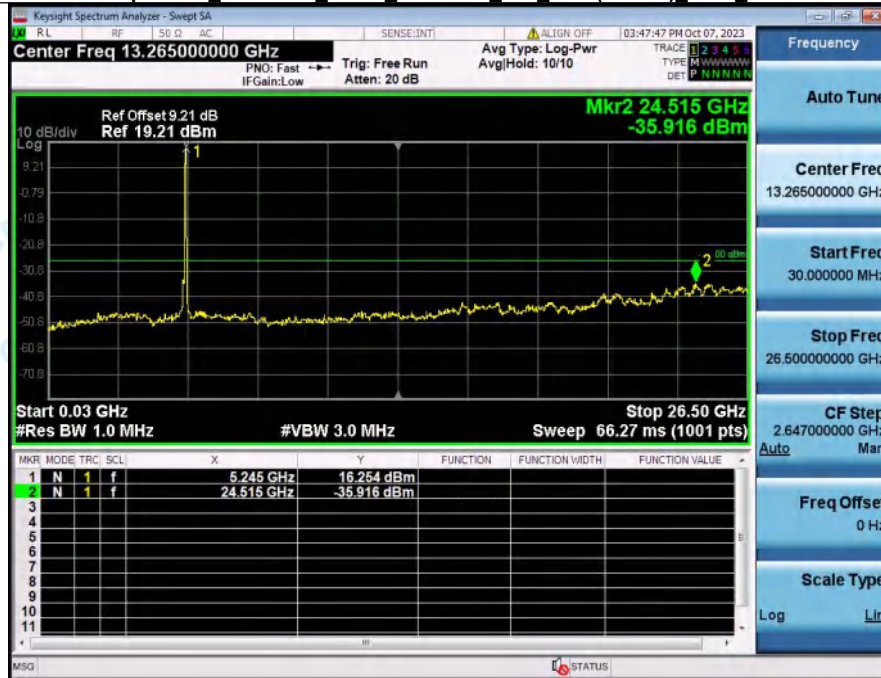
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT20)_5200_20M



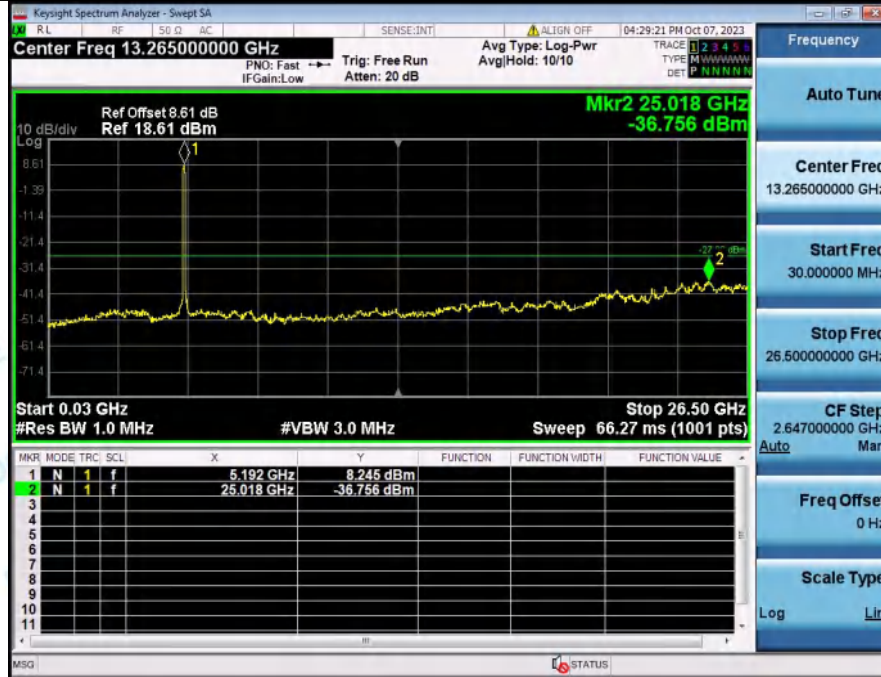
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT20)_5240_20M



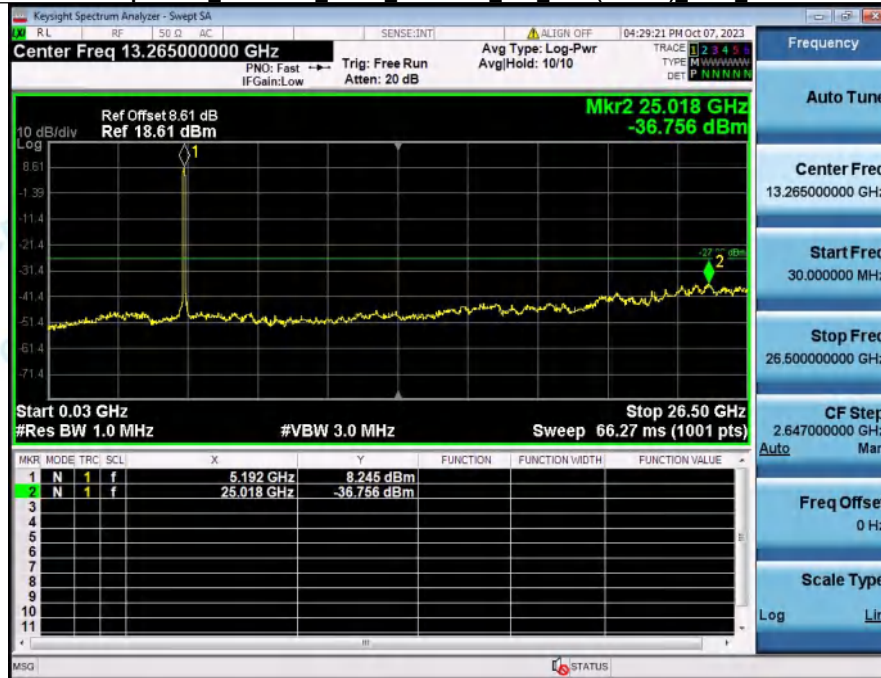
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT20)_5240_20M



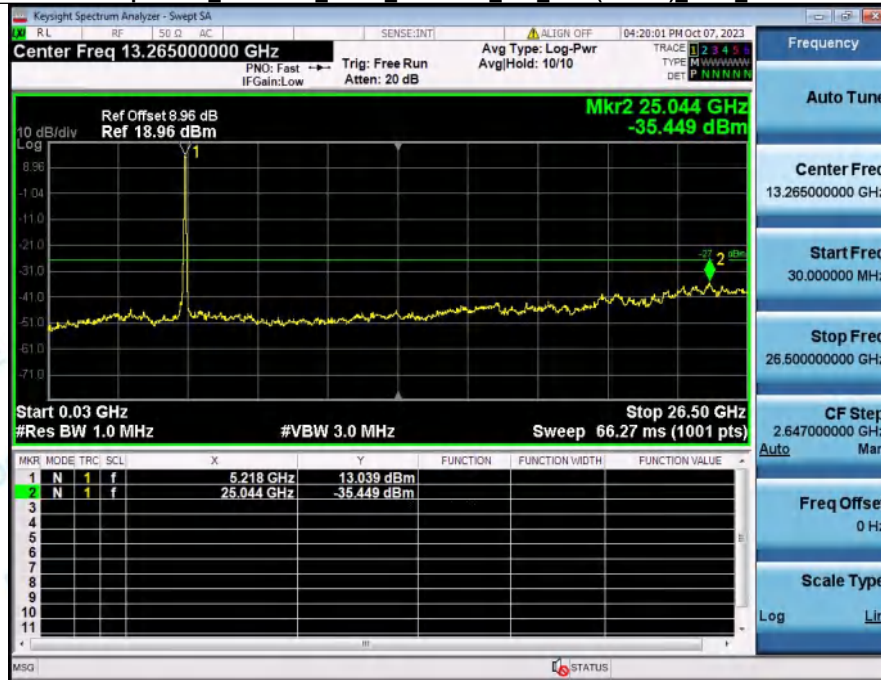
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT40)_5190_40M



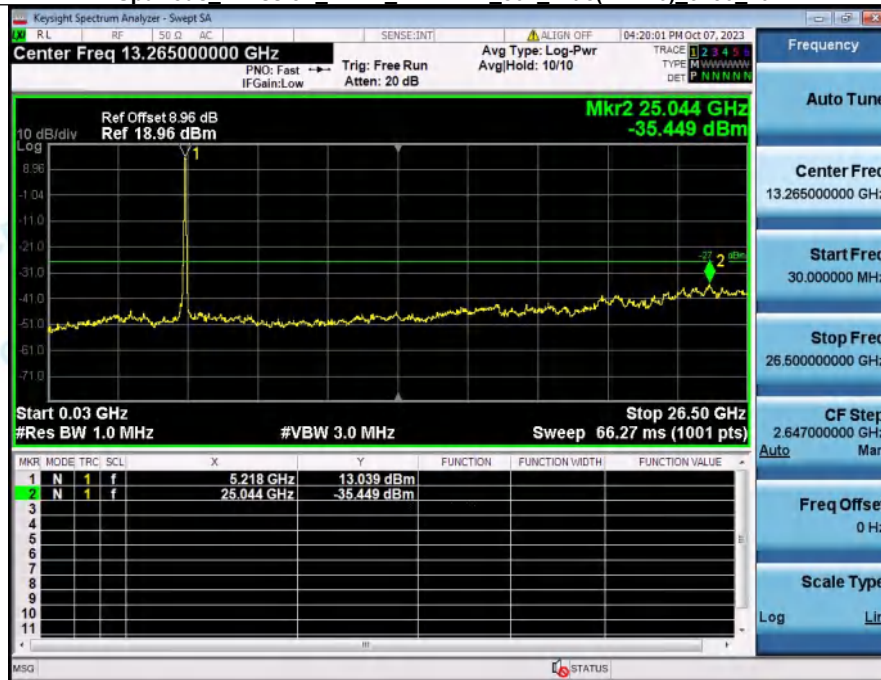
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT40)_5190_40M



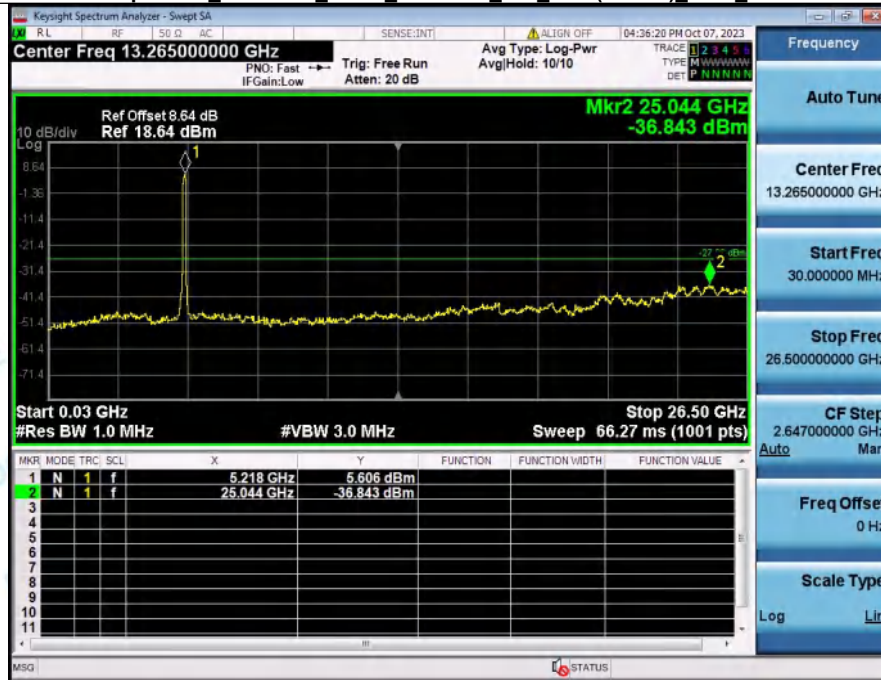
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT40)_5230_40M



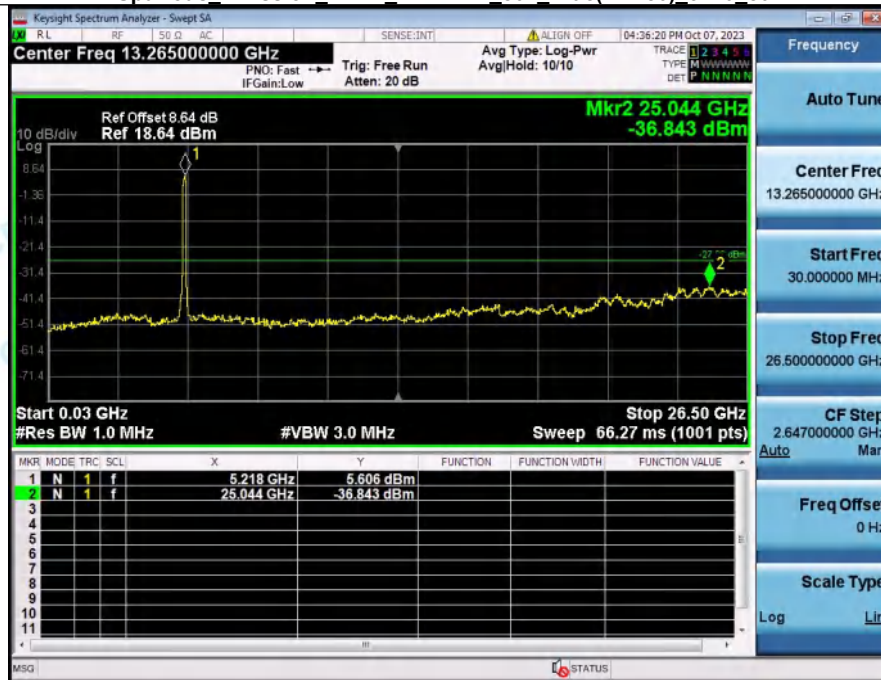
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT40)_5230_40M



Spurious Emission NVNT_2TXx2RX_802_11ac(VHT80)_5210_80M



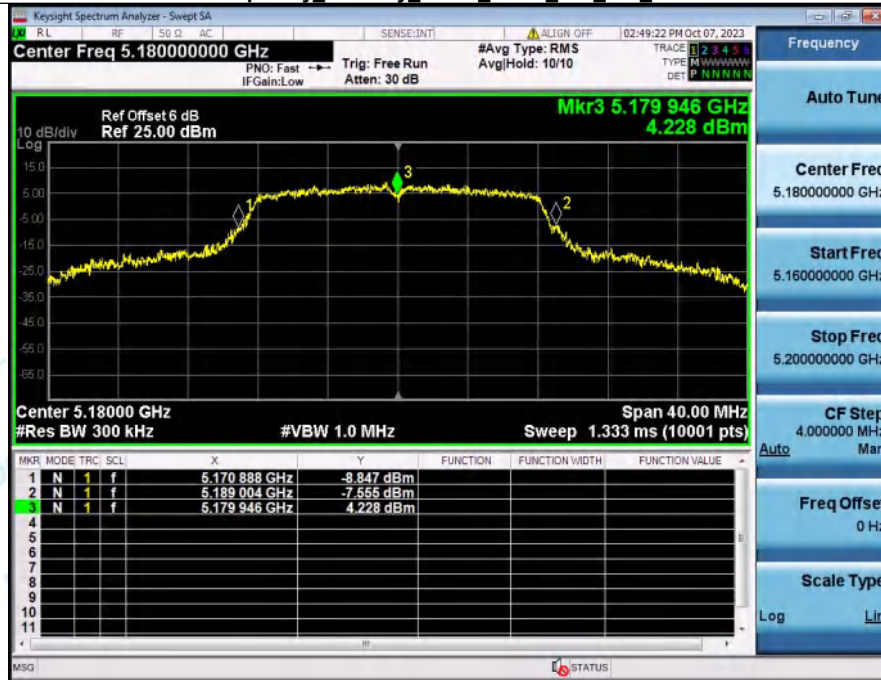
Spurious Emission NVNT_2TXx2RX_802_11ac(VHT80)_5210_80M



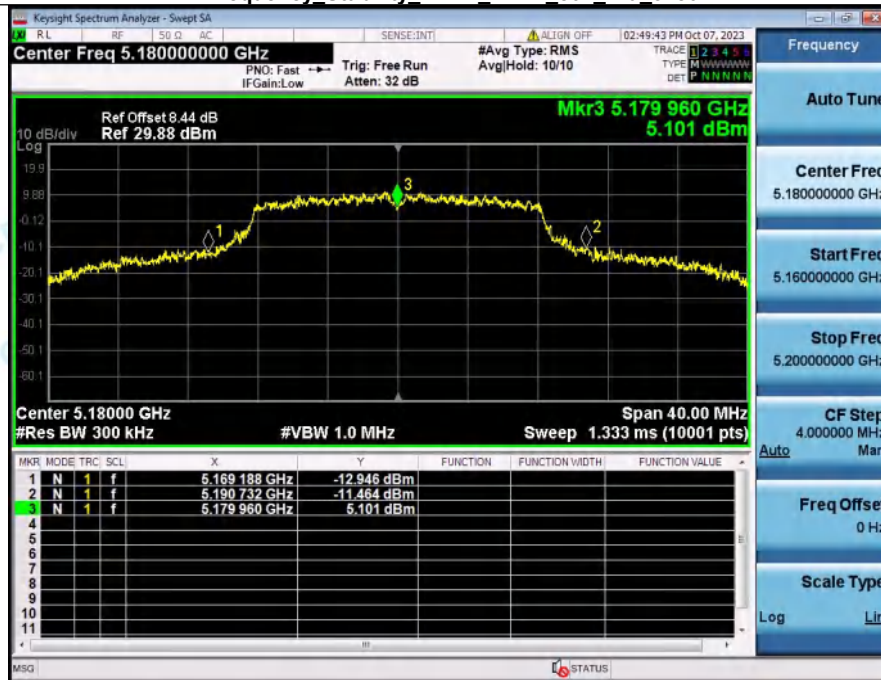
7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fi(MHz)	Fh(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5180.00	5179.946	5170.888	5189.004	5150~5250	Pass
NVNT	ANT2	802.11a	5180.00	5179.960	5169.188	5190.732	5150~5250	Pass
NVNT	ANT1	802.11a	5200.00	5200.006	5190.892	5209.120	5150~5250	Pass
NVNT	ANT2	802.11a	5200.00	5200.310	5189.844	5210.776	5150~5250	Pass
NVNT	ANT1	802.11a	5240.00	5239.906	5230.744	5249.068	5150~5250	Pass
NVNT	ANT2	802.11a	5240.00	5239.730	5228.952	5250.508	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5179.964	5170.840	5189.088	5150~5250	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	5179.928	5170.572	5189.284	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	5199.980	5190.876	5209.084	5150~5250	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	5200.028	5190.708	5209.348	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5239.986	5230.880	5249.092	5150~5250	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	5239.940	5230.644	5249.236	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5190.024	5171.808	5208.240	5150~5250	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	5190.024	5171.840	5208.208	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5229.980	5211.712	5248.248	5150~5250	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	5229.952	5211.576	5248.328	5150~5250	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	5210.018	5172.044	5247.992	5150~5250	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	5210.036	5172.080	5247.992	5150~5250	Pass

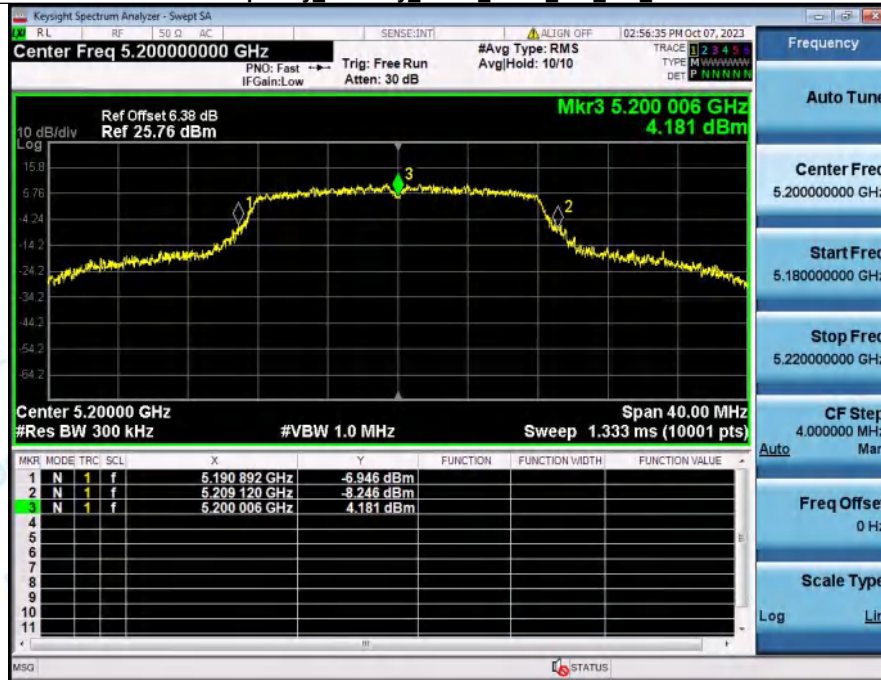
Frequency Stability NVNT_ANT1_802_11a_5180



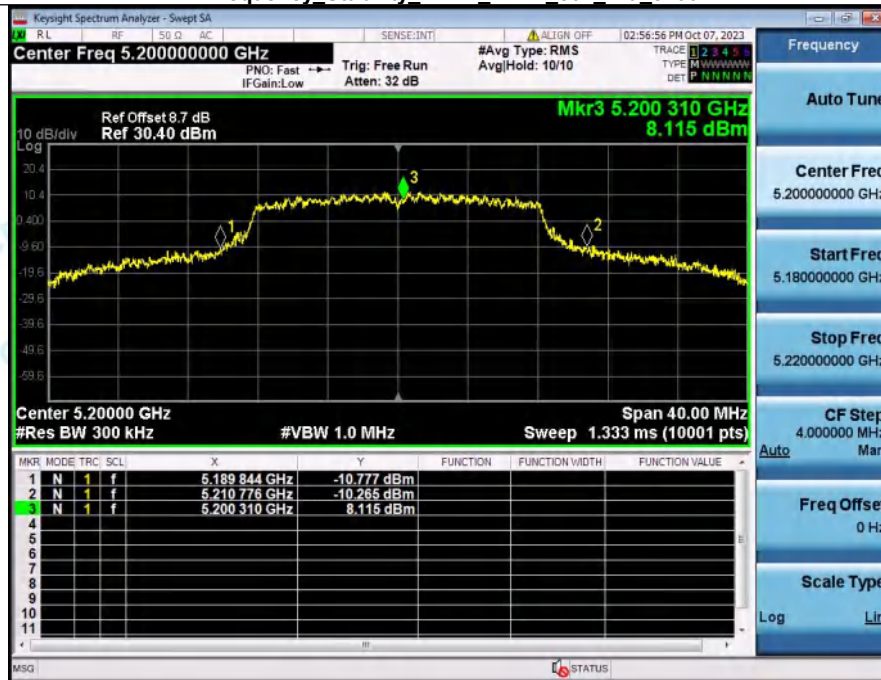
Frequency Stability NVNT_ANT2_802_11a_5180



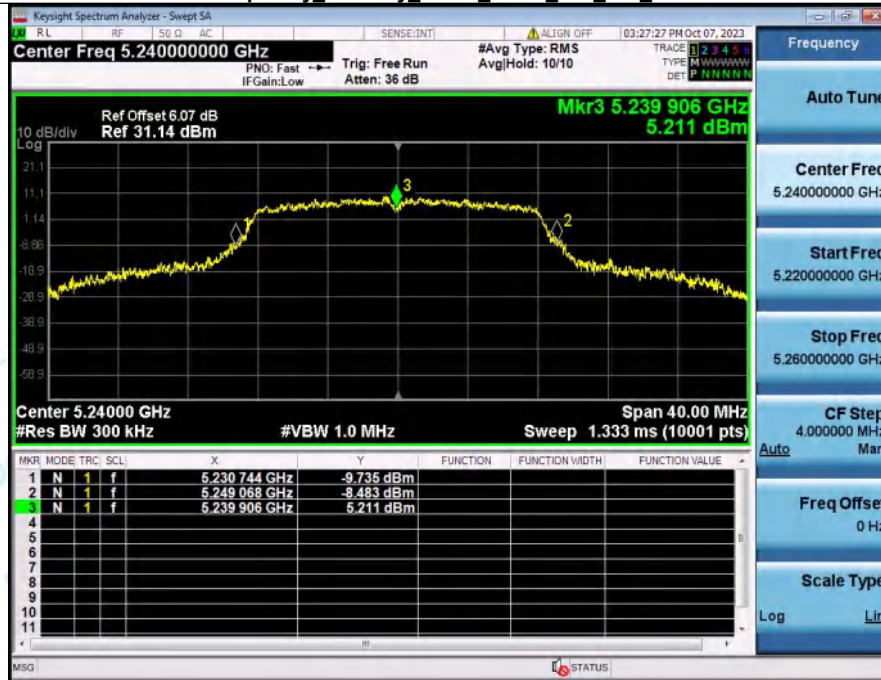
Frequency Stability NVNT_ANT1_802_11a_5200



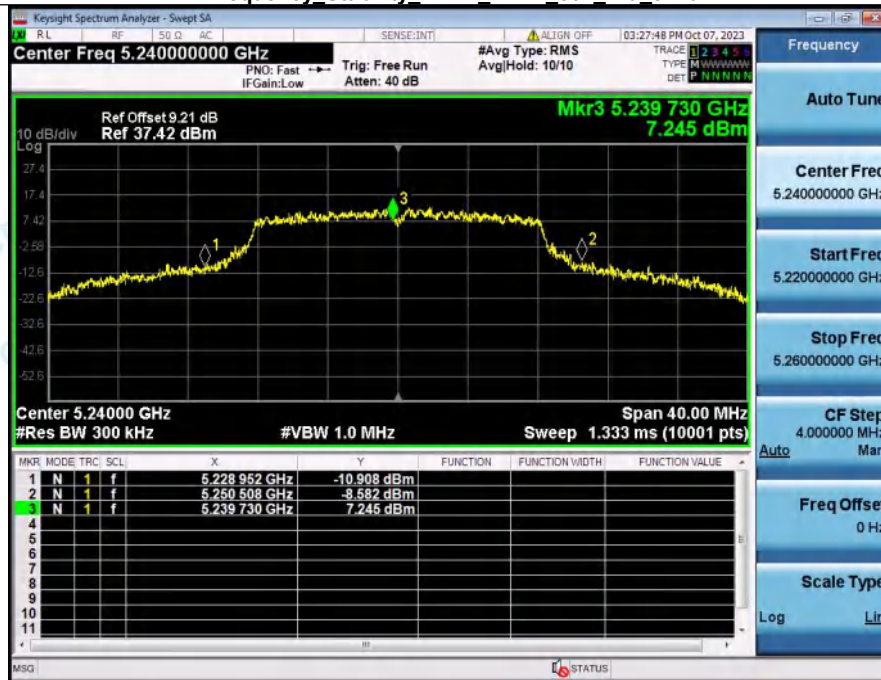
Frequency Stability NVNT_ANT2_802_11a_5200



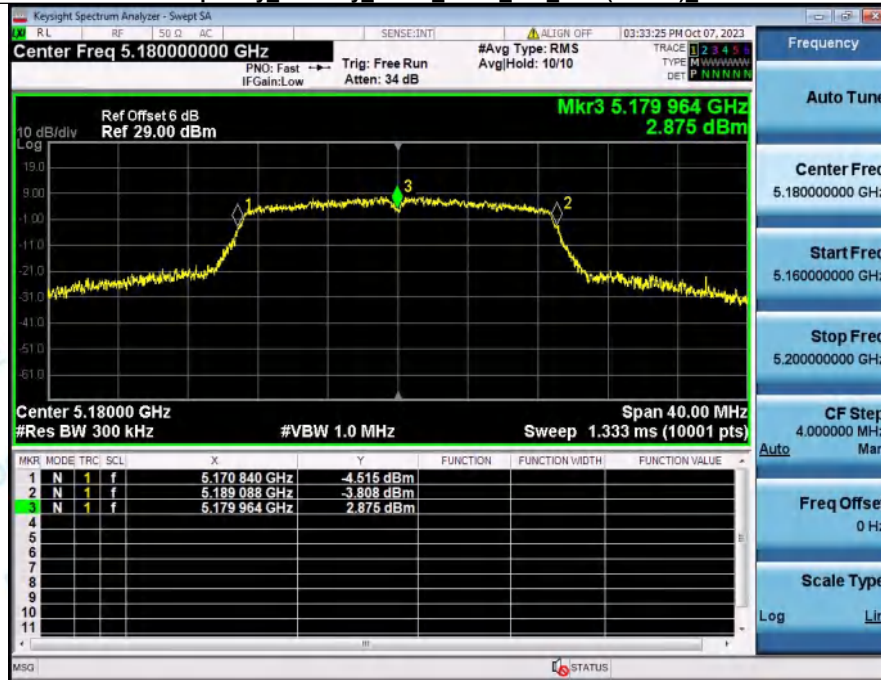
Frequency Stability NVNT_ANT1_802_11a_5240



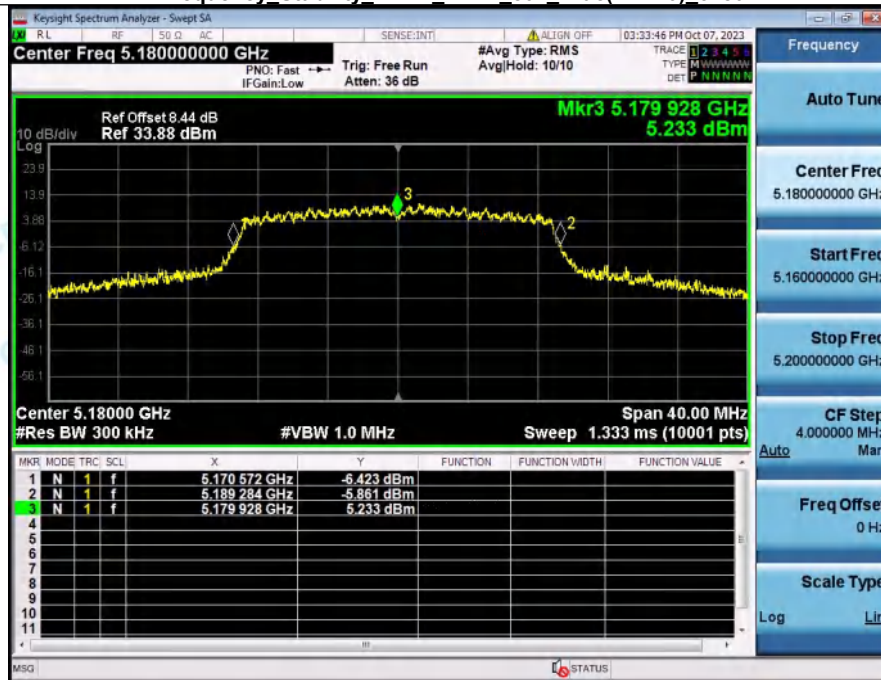
Frequency Stability NVNT_ANT2_802_11a_5240



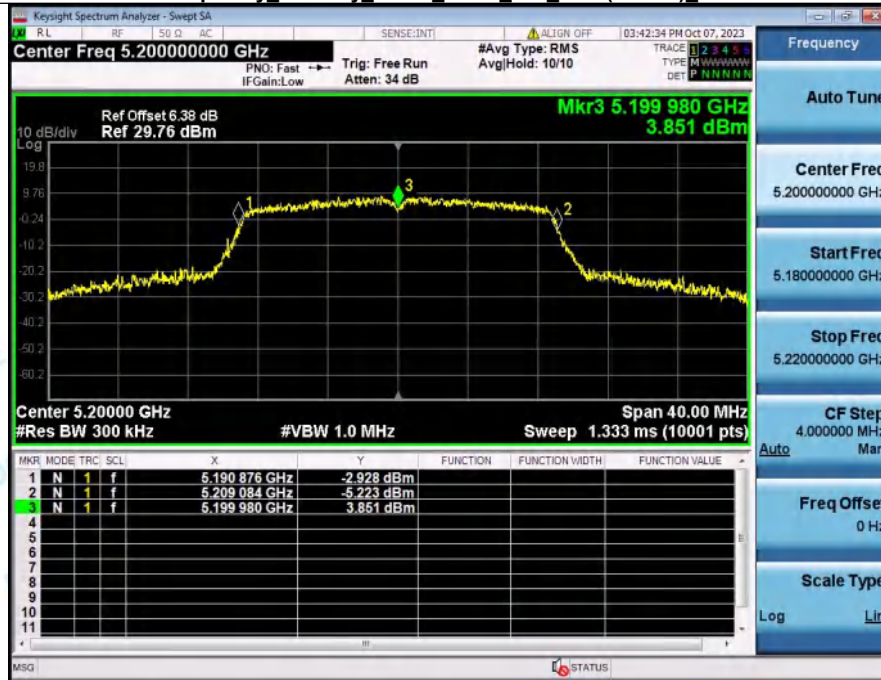
Frequency Stability NVNT_ANT1_802_11ac(VHT20)_5180



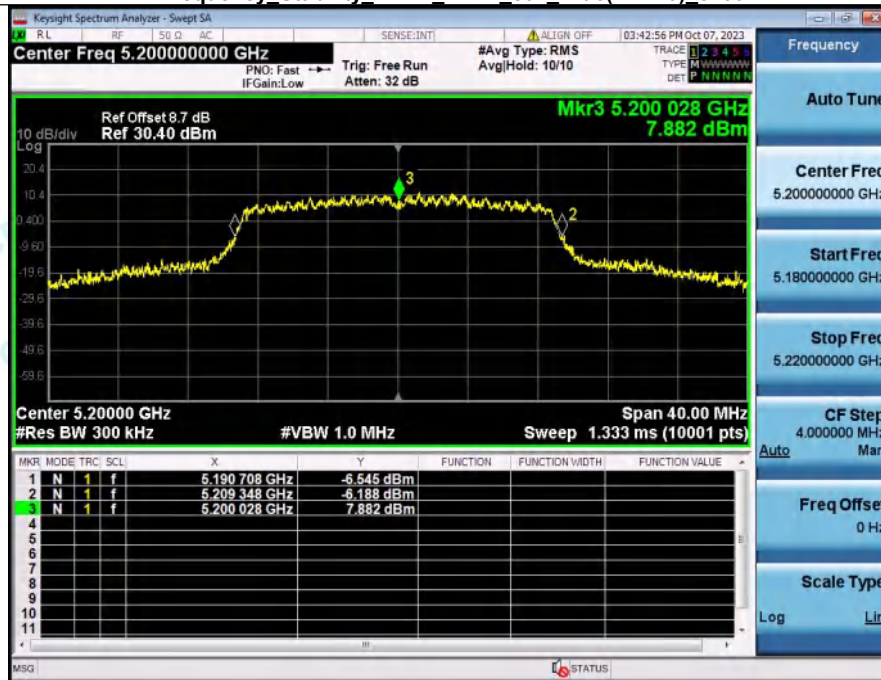
Frequency Stability NVNT_ANT2_802_11ac(VHT20)_5180



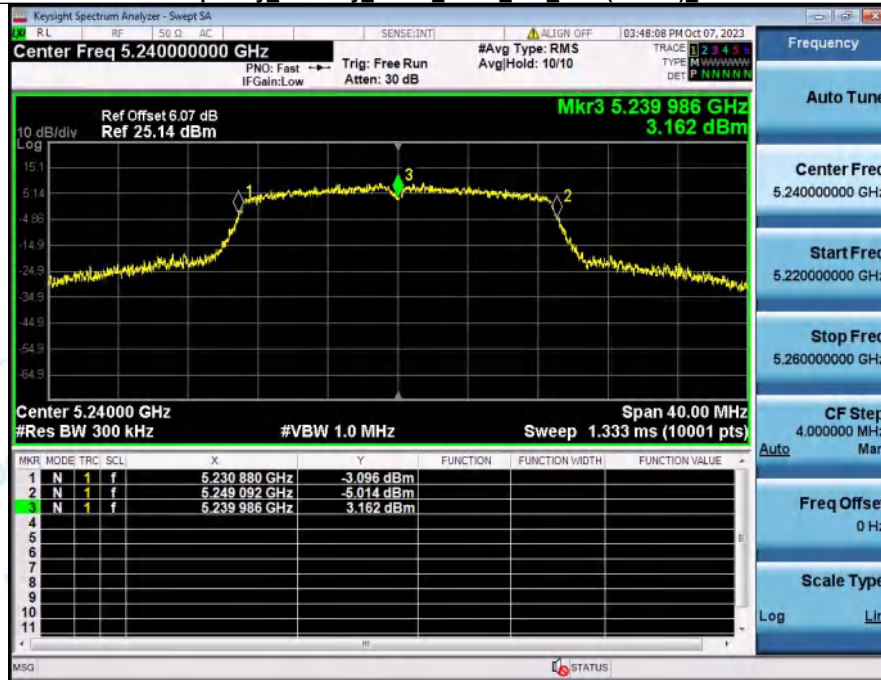
Frequency Stability NVNT_ANT1_802_11ac(VHT20)_5200



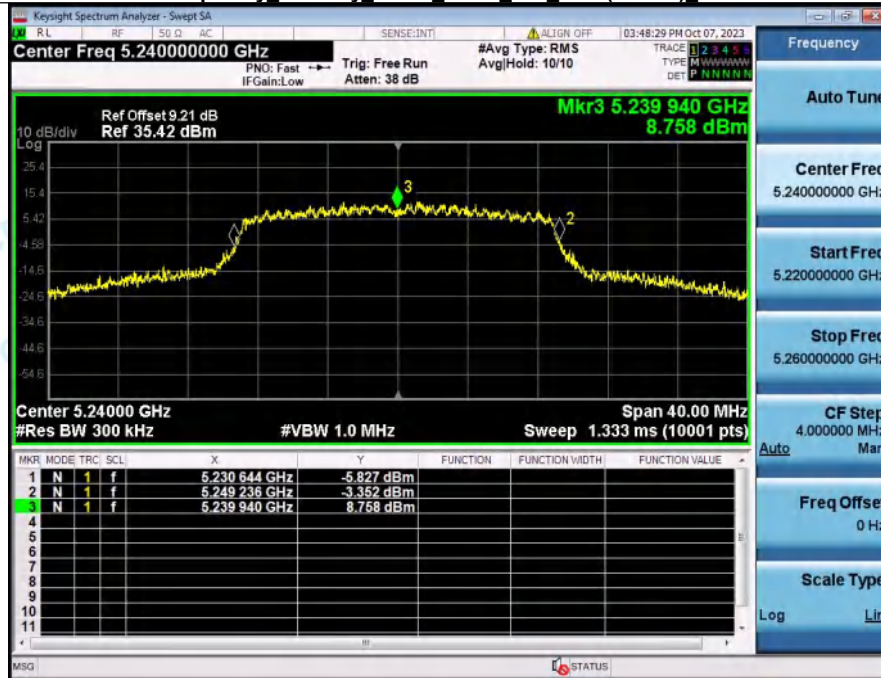
Frequency Stability NVNT_ANT2_802_11ac(VHT20)_5200



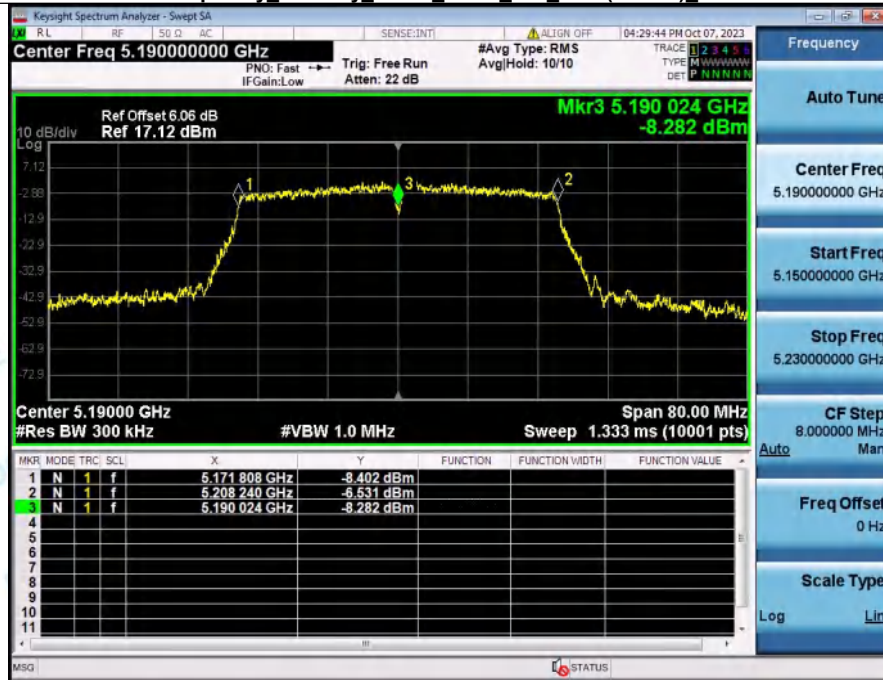
Frequency Stability NVNT_ANT1_802_11ac(VHT20)_5240



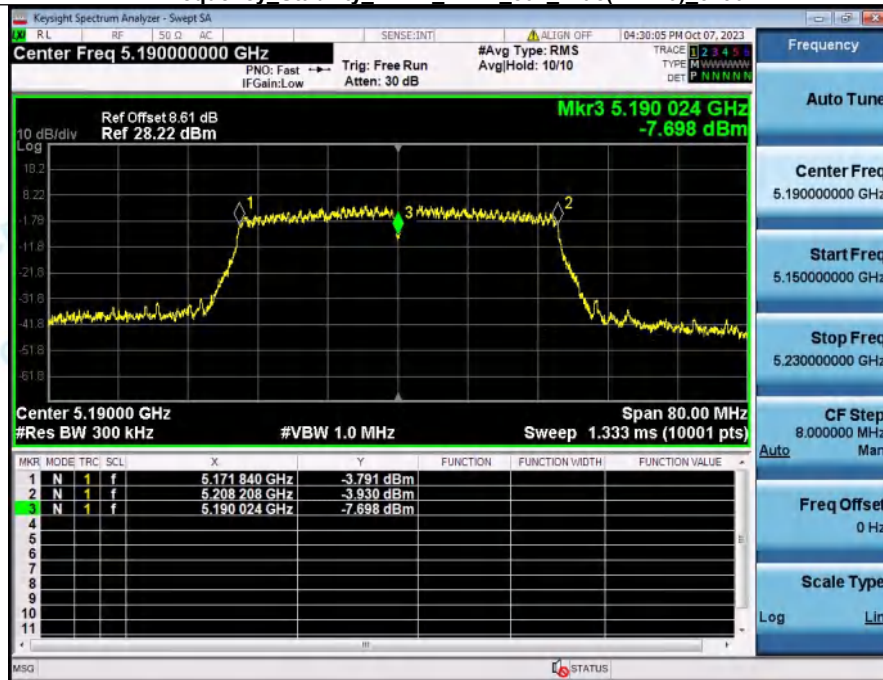
Frequency Stability NVNT_ANT2_802_11ac(VHT20)_5240



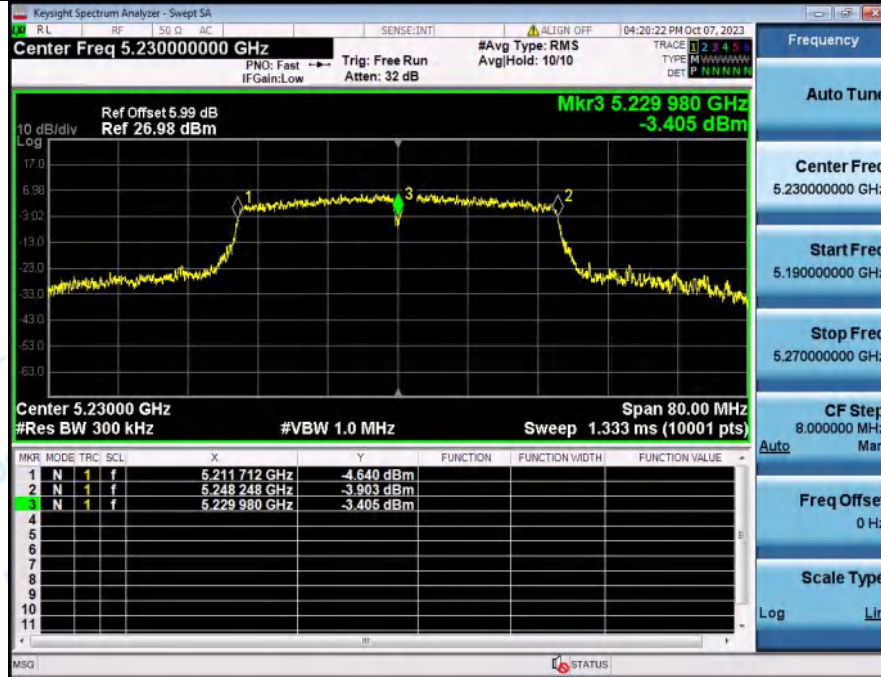
Frequency Stability NVNT_ANT1_802_11ac(VHT40)_5190



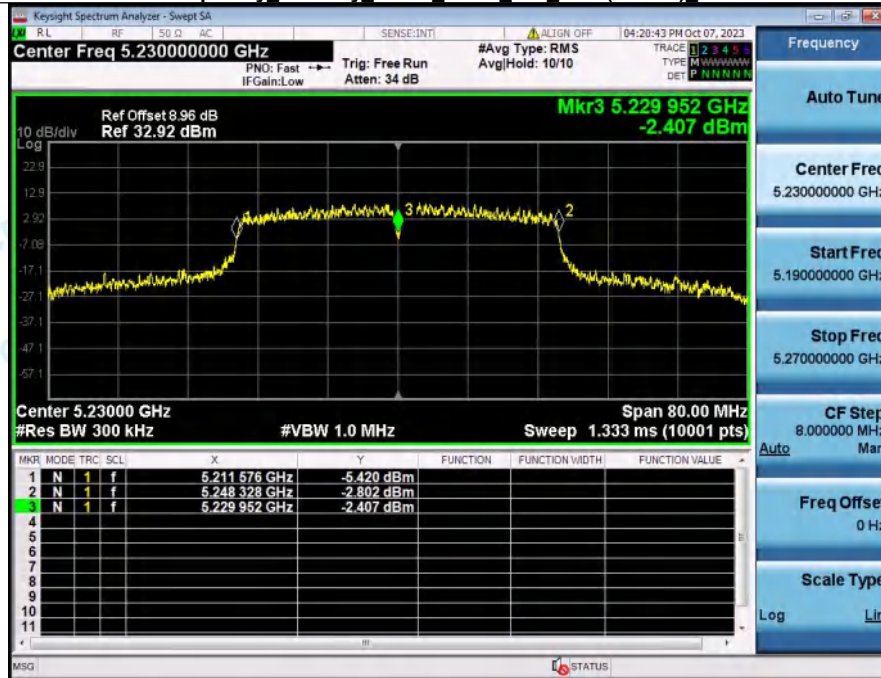
Frequency Stability NVNT_ANT2_802_11ac(VHT40)_5190



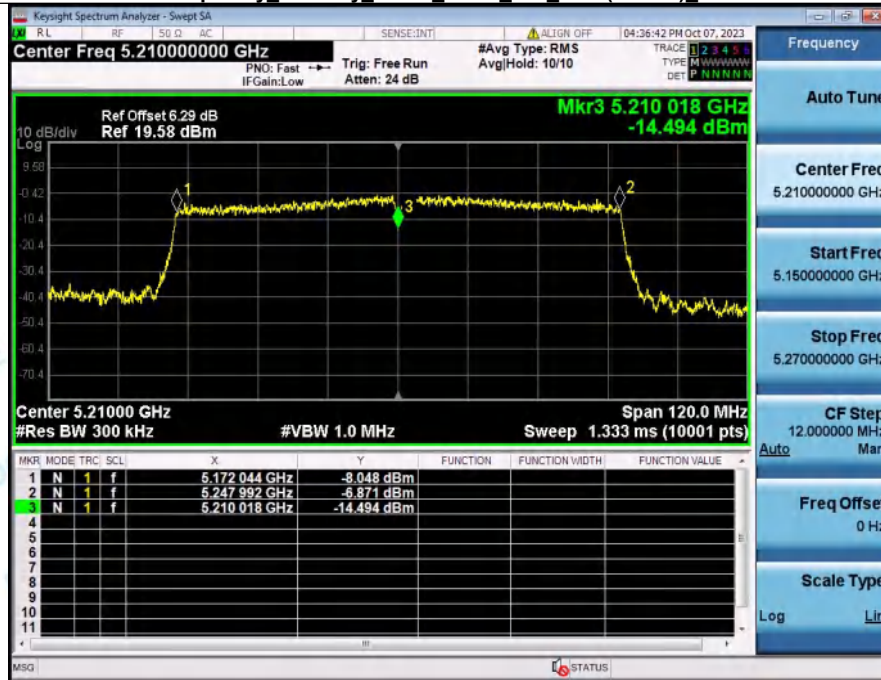
Frequency Stability NVNT_ANT1_802_11ac(VHT40)_5230



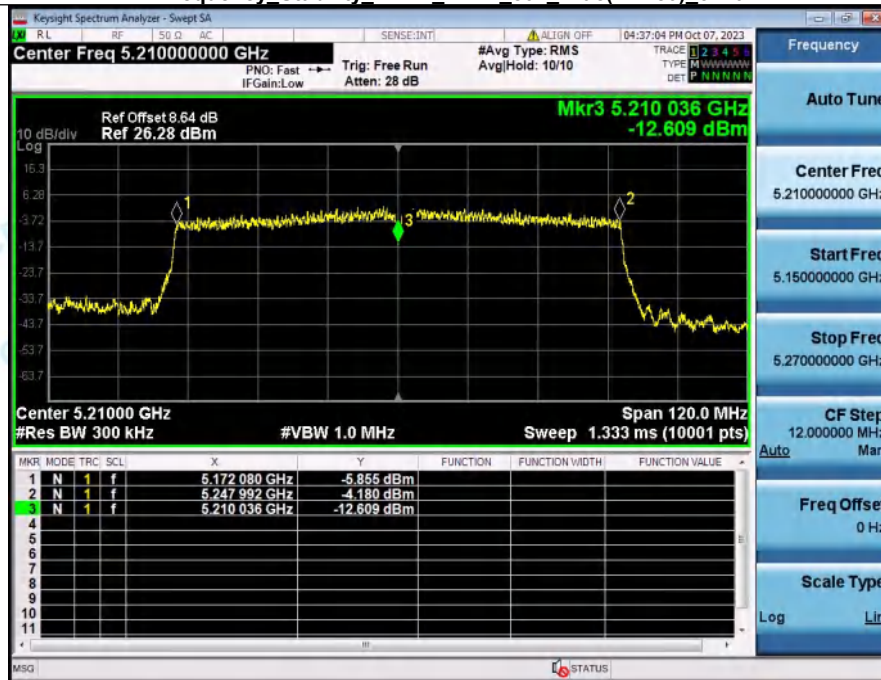
Frequency Stability NVNT_ANT2_802_11ac(VHT40)_5230



Frequency Stability NVNT_ANT1_802_11ac(VHT80)_5210



Frequency Stability NVNT_ANT2_802_11ac(VHT80)_5210



Appendix--5.8G

GPON ONT--HL-4GMVR--FCC ID

FCC_5.8G_WIFI (Part15.407) Test Data

1. -6dB Emission Bandwidth

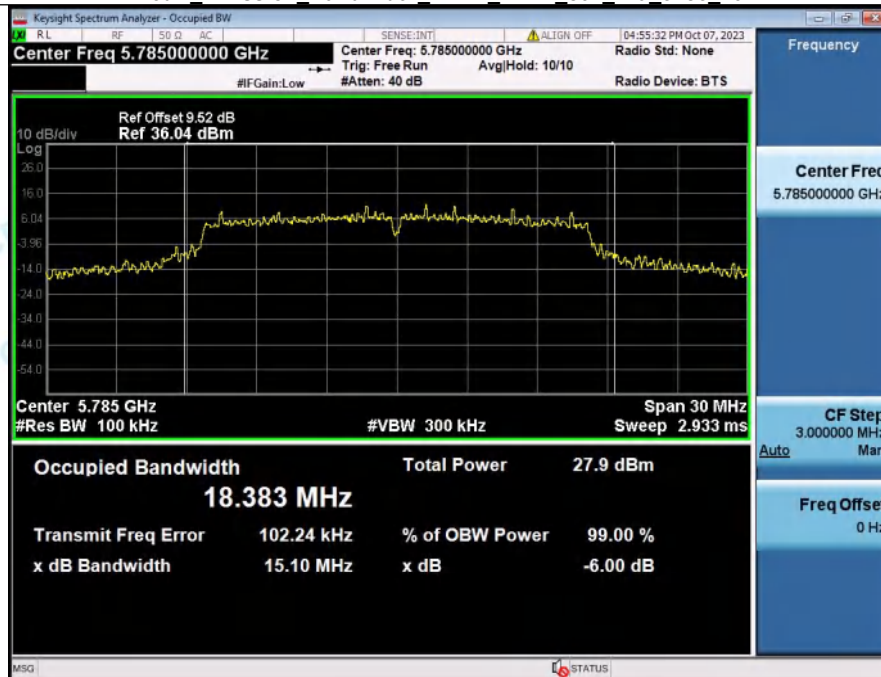
Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	LCH	5745.00	15.149	0.500	Pass
NVNT	ANT2	LCH	5745.00	15.162	0.500	Pass
NVNT	ANT1	MCH	5785.00	15.093	0.500	Pass
NVNT	ANT2	MCH	5785.00	15.100	0.500	Pass
NVNT	ANT1	HCH	5825.00	13.907	0.500	Pass
NVNT	ANT2	HCH	5825.00	15.058	0.500	Pass
NVNT	ANT1	LCH	5745.00	15.078	0.500	Pass
NVNT	ANT2	LCH	5745.00	15.119	0.500	Pass
NVNT	ANT1	MCH	5785.00	15.142	0.500	Pass
NVNT	ANT2	MCH	5785.00	15.718	0.500	Pass
NVNT	ANT1	HCH	5825.00	13.877	0.500	Pass
NVNT	ANT2	HCH	5825.00	15.053	0.500	Pass
NVNT	ANT1	LCH	5755.00	35.074	0.500	Pass
NVNT	ANT2	LCH	5755.00	33.889	0.500	Pass
NVNT	ANT1	HCH	5795.00	35.125	0.500	Pass
NVNT	ANT2	HCH	5795.00	35.138	0.500	Pass
NVNT	ANT1	MCH	5775.00	75.190	0.500	Pass
NVNT	ANT2	MCH	5775.00	73.996	0.500	Pass

-6dB Emission Bandwidth_NVNT_ANT1_802_11a_5745_20M**-6dB Emission Bandwidth_NVNT_ANT2_802_11a_5745_20M**

-6dB Emission Bandwidth NVNT_ANT1_802_11a_5785_20M



-6dB Emission Bandwidth NVNT_ANT2_802_11a_5785_20M



-6dB Emission Bandwidth NVNT ANT1_802_11a_5825_20M



-6dB Emission Bandwidth NVNT ANT2_802_11a_5825_20M



-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT20)_5745_20M



-6dB Emission Bandwidth NVNT_ANT2_802_11ac(VHT20)_5745_20M



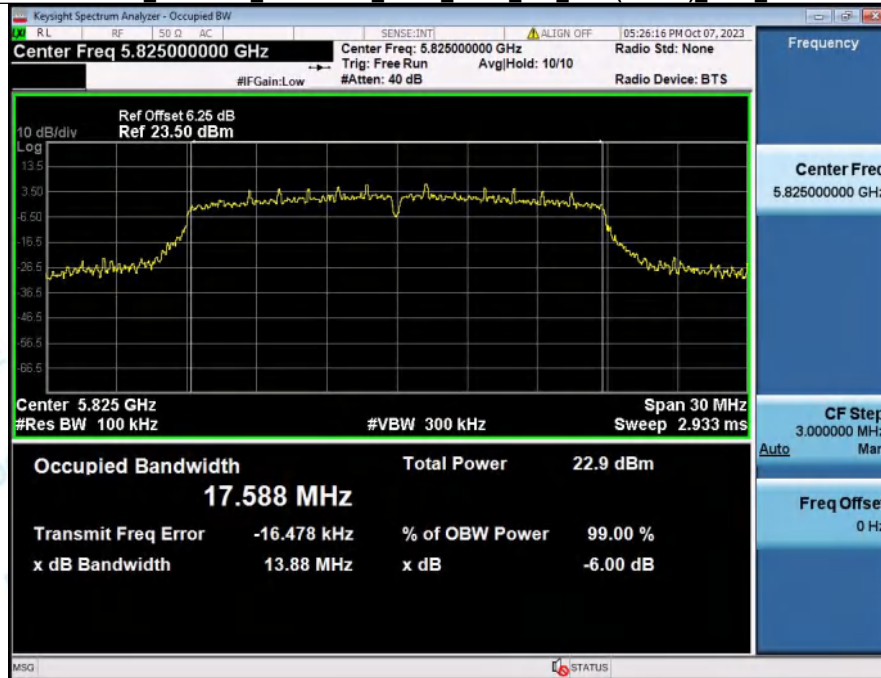
-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT20)_5785_20M



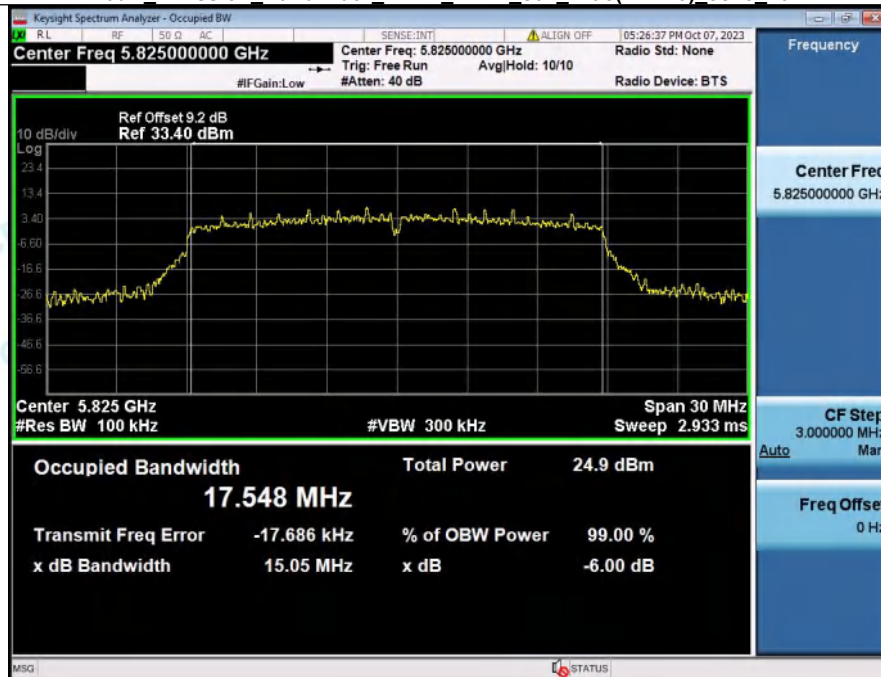
-6dB Emission Bandwidth NVNT_ANT2_802_11ac(VHT20)_5785_20M



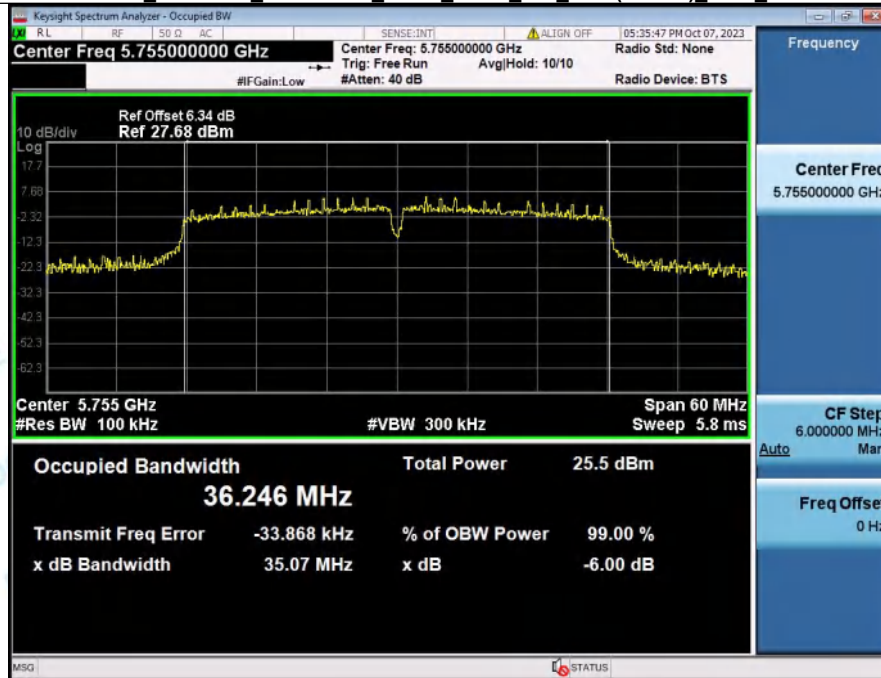
-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT20)_5825_20M



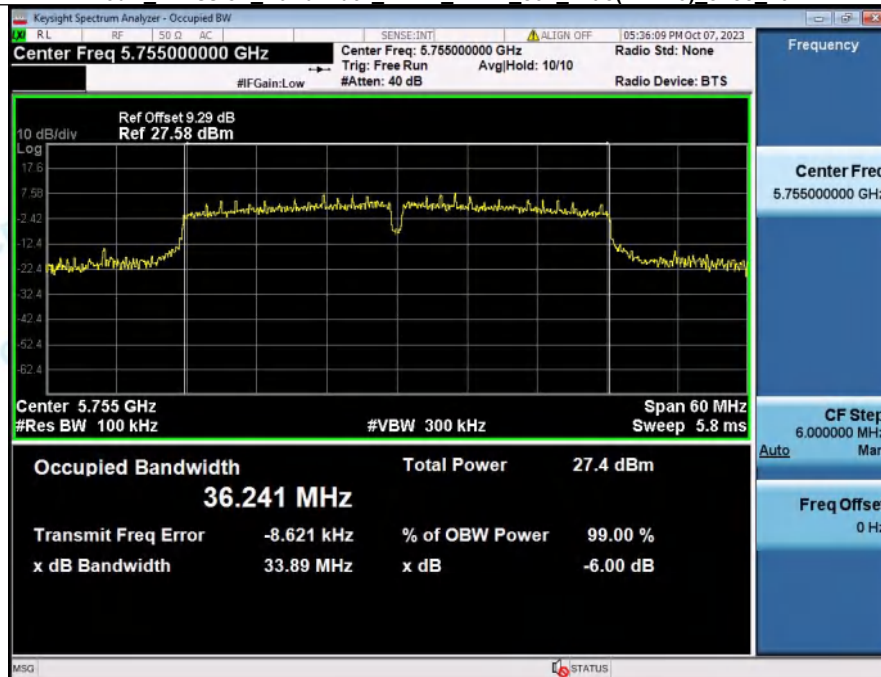
-6dB Emission Bandwidth NVNT_ANT2_802_11ac(VHT20)_5825_20M



-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT40)_5755_40M



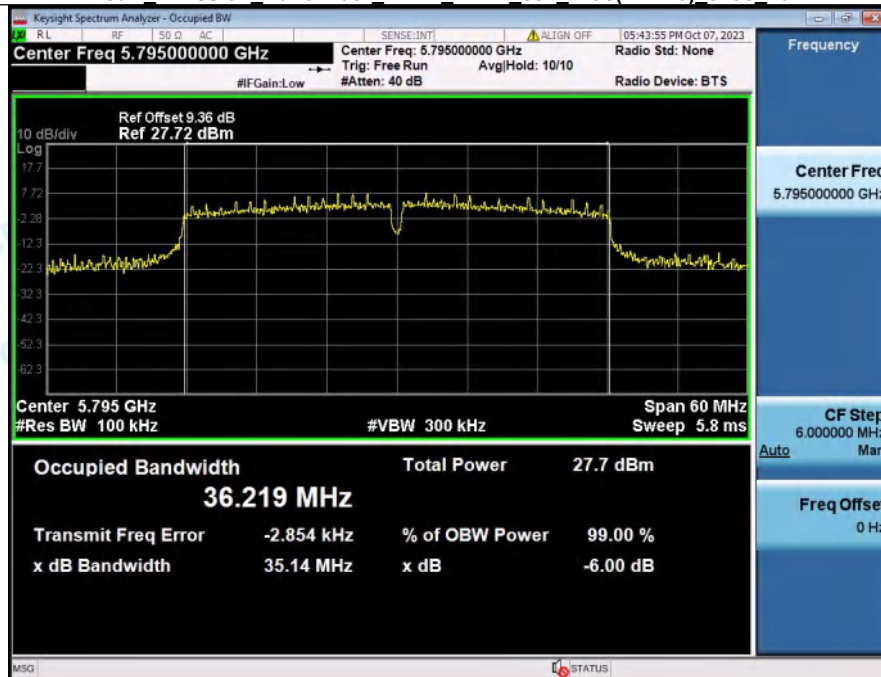
-6dB Emission Bandwidth NVNT_ANT2_802_11ac(VHT40)_5755_40M



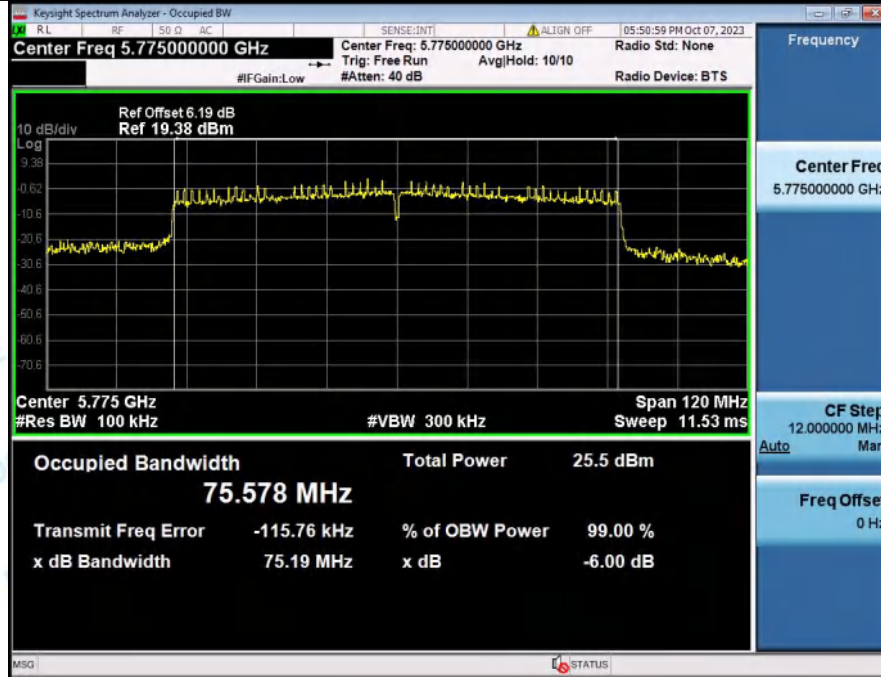
-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT40)_5795_40M



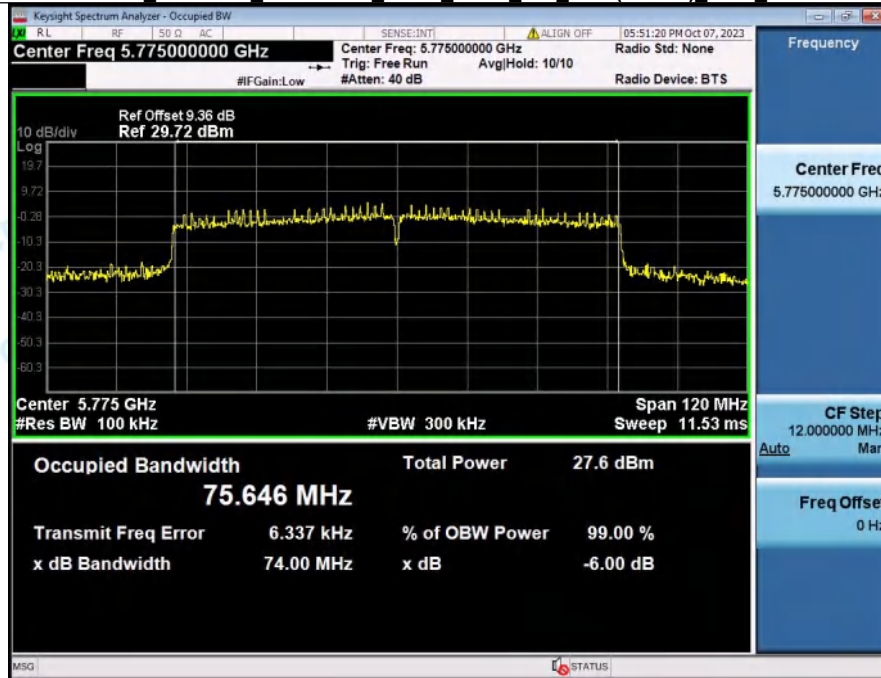
-6dB Emission Bandwidth NVNT_ANT2_802_11ac(VHT40)_5795_40M



-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT80)_5775_80M



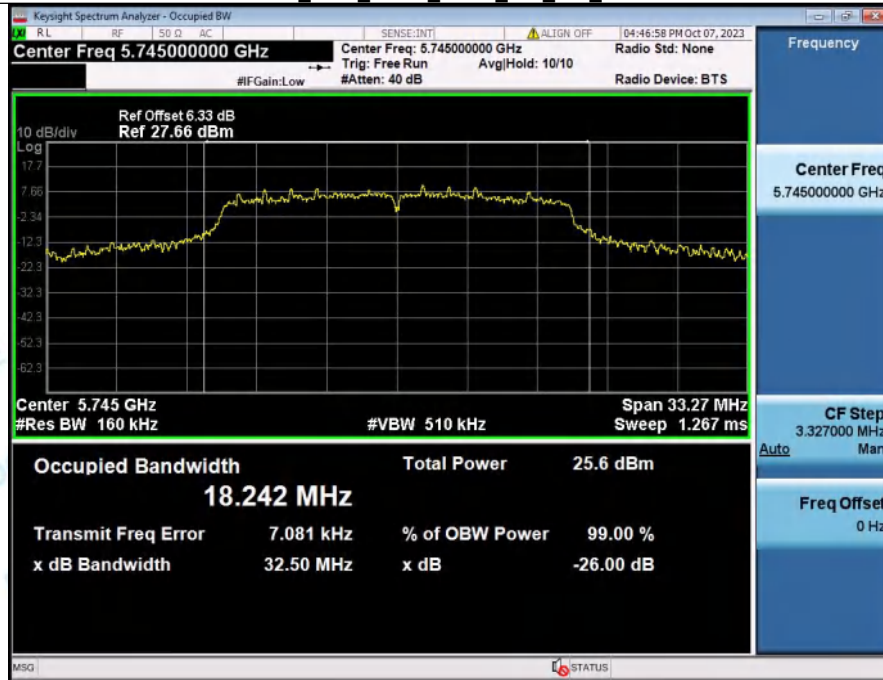
-6dB Emission Bandwidth NVNT_ANT2_802_11ac(VHT80)_5775_80M



2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	33.12	18.24
NVNT	ANT2	802.11a	5745.00	33.33	18.38
NVNT	ANT1	802.11a	5785.00	33.79	20.13
NVNT	ANT2	802.11a	5785.00	34.03	19.21
NVNT	ANT1	802.11a	5825.00	23.57	16.61
NVNT	ANT2	802.11a	5825.00	22.54	16.49
NVNT	ANT1	802.11ac(VHT20)	5745.00	32.64	17.86
NVNT	ANT2	802.11ac(VHT20)	5745.00	28.22	17.89
NVNT	ANT1	802.11ac(VHT20)	5785.00	32.73	17.99
NVNT	ANT2	802.11ac(VHT20)	5785.00	31.31	18.02
NVNT	ANT1	802.11ac(VHT20)	5825.00	20.75	17.62
NVNT	ANT2	802.11ac(VHT20)	5825.00	20.33	17.60
NVNT	ANT1	802.11ac(VHT40)	5755.00	67.82	36.54
NVNT	ANT2	802.11ac(VHT40)	5755.00	70.51	36.38
NVNT	ANT1	802.11ac(VHT40)	5795.00	66.96	36.51
NVNT	ANT2	802.11ac(VHT40)	5795.00	67.19	36.32
NVNT	ANT1	802.11ac(VHT80)	5775.00	121.34	76.08
NVNT	ANT2	802.11ac(VHT80)	5775.00	120.13	76.00

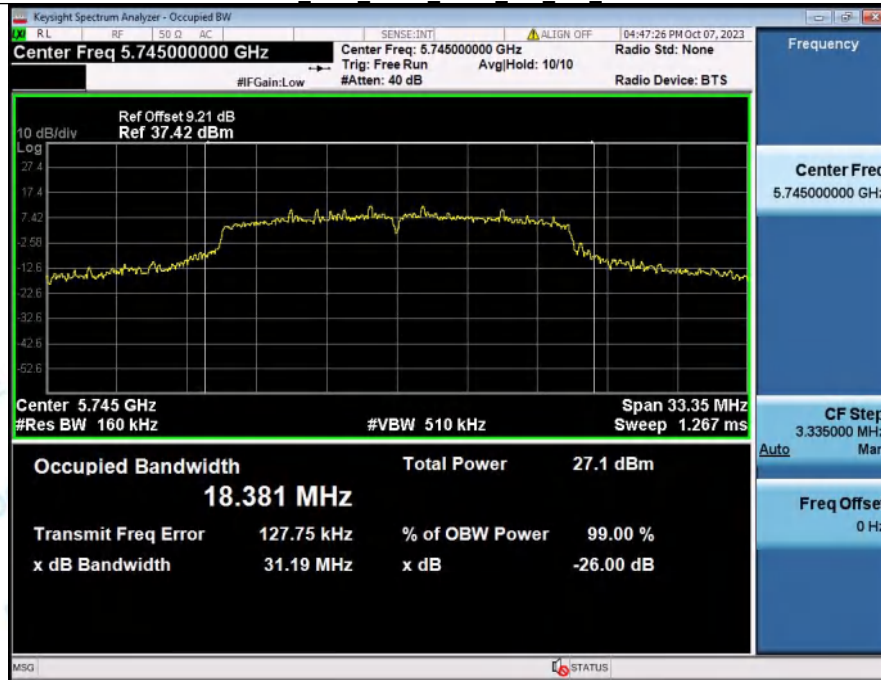
99%_OCB_NVNT_ANT1_802_11a_5745



-26BW_NVNT_ANT1_802_11a_5745



99% OCB NVNT ANT2 802 11a 5745



-26BW NVNT ANT2 802 11a 5745



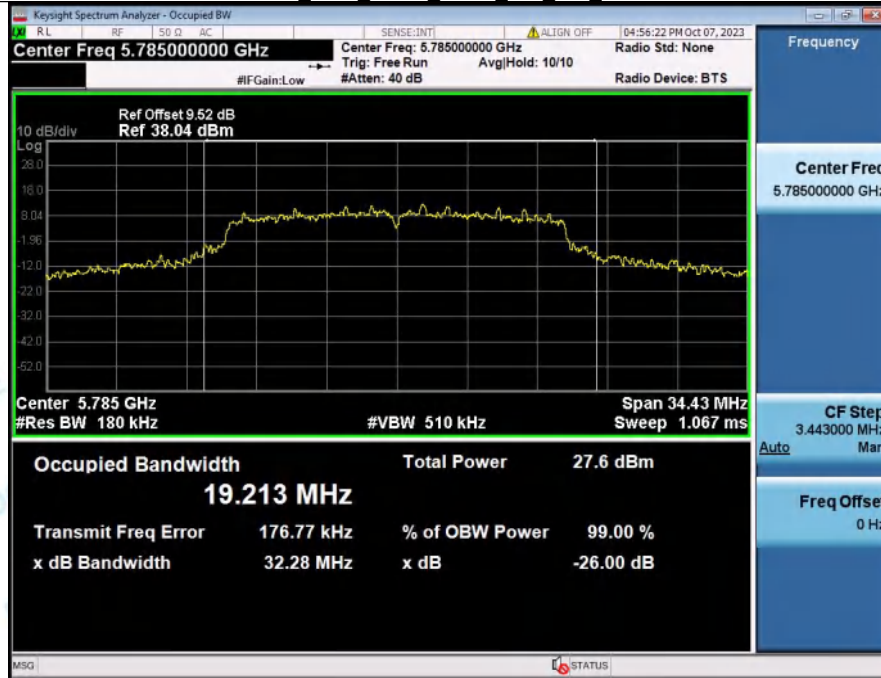
99%_OCB_NVNT_ANT1_802_11a_5785



-26BW_NVNT_ANT1_802_11a_5785



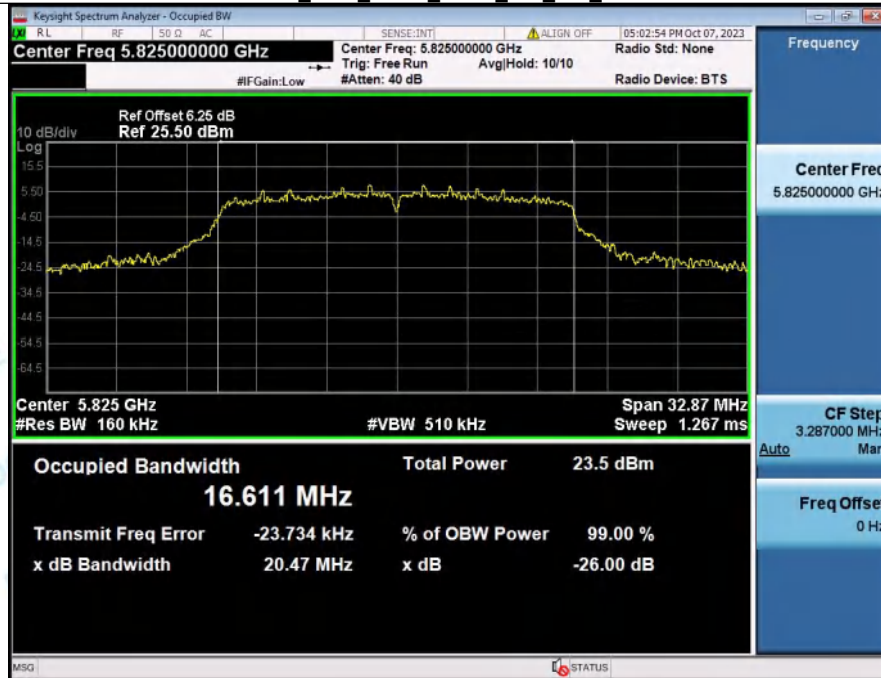
99% OCB NVNT ANT2 802 11a 5785



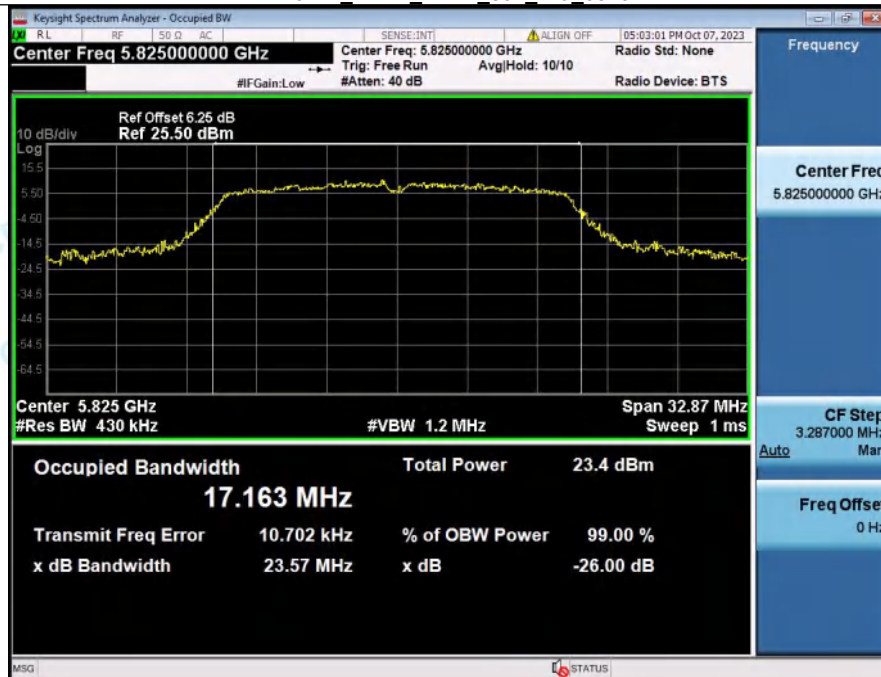
-26BW NVNT ANT2 802 11a 5785



99%_OCB_NVNT_ANT1_802_11a_5825



-26BW_NVNT_ANT1_802_11a_5825



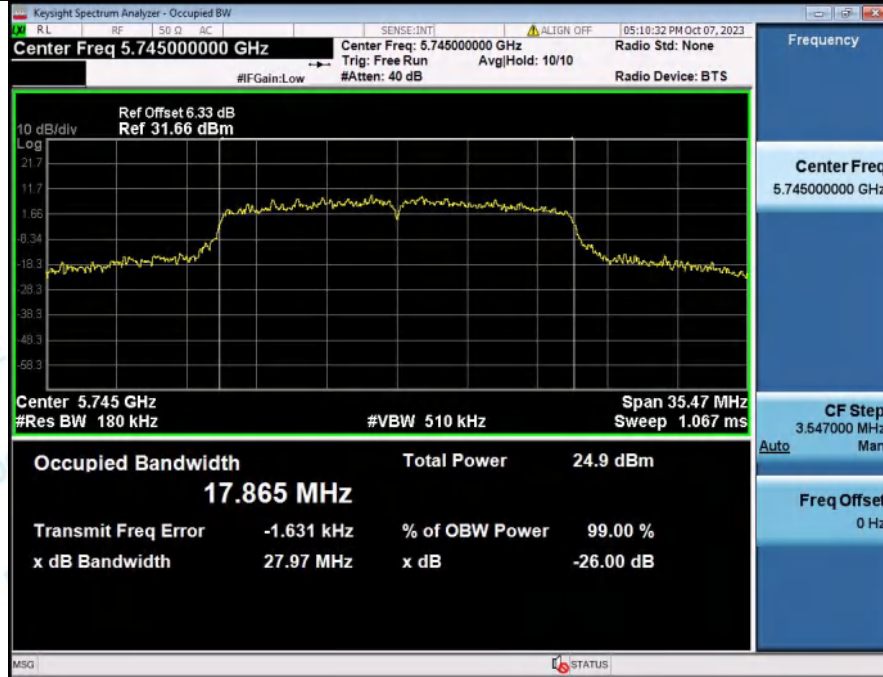
99% OCB NVNT ANT2 802 11a 5825



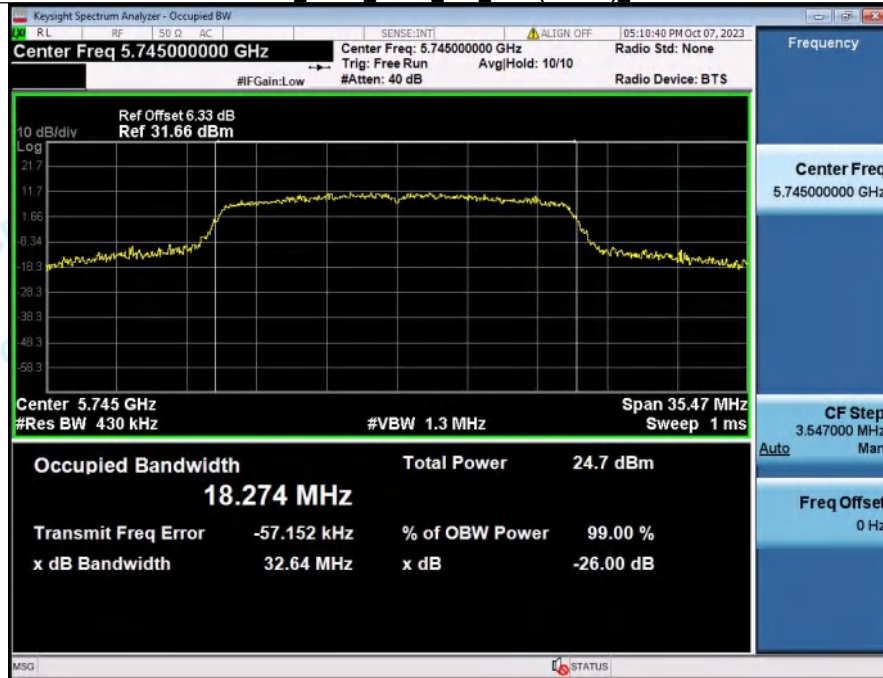
-26BW NVNT ANT2 802 11a 5825



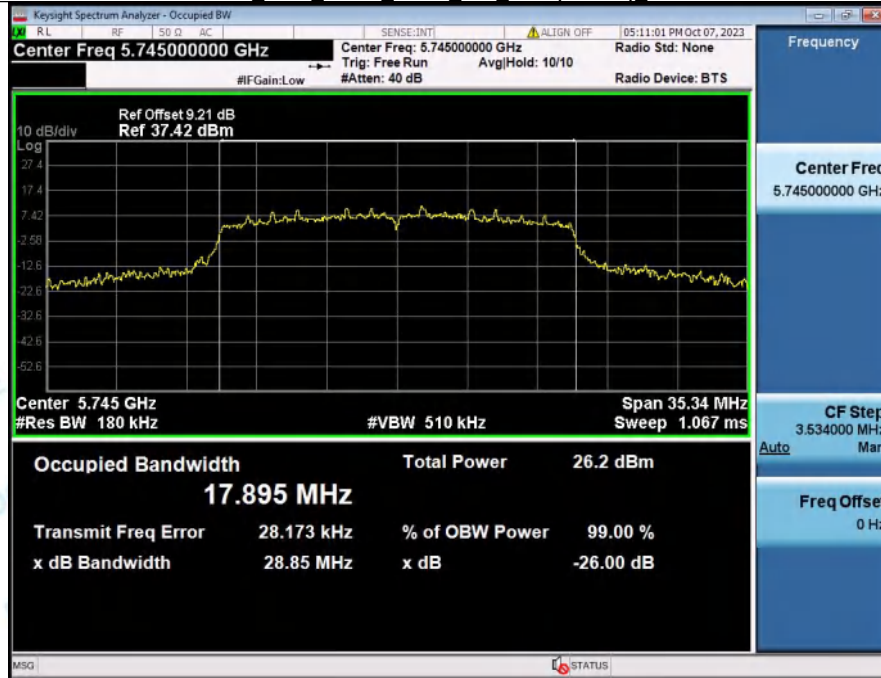
99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5745



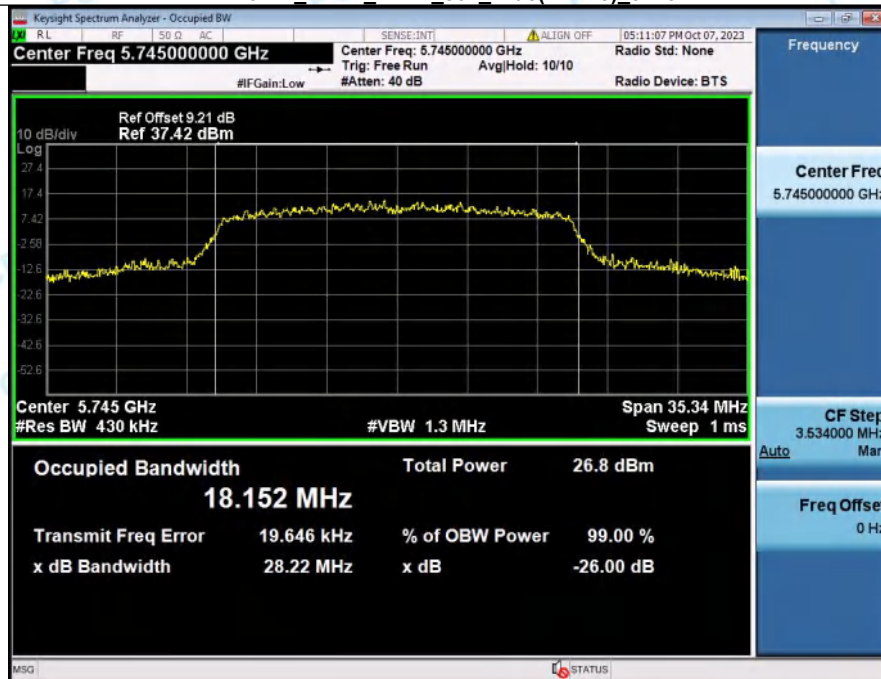
-26BW NVNT ANT1_802_11ac(VHT20)_5745



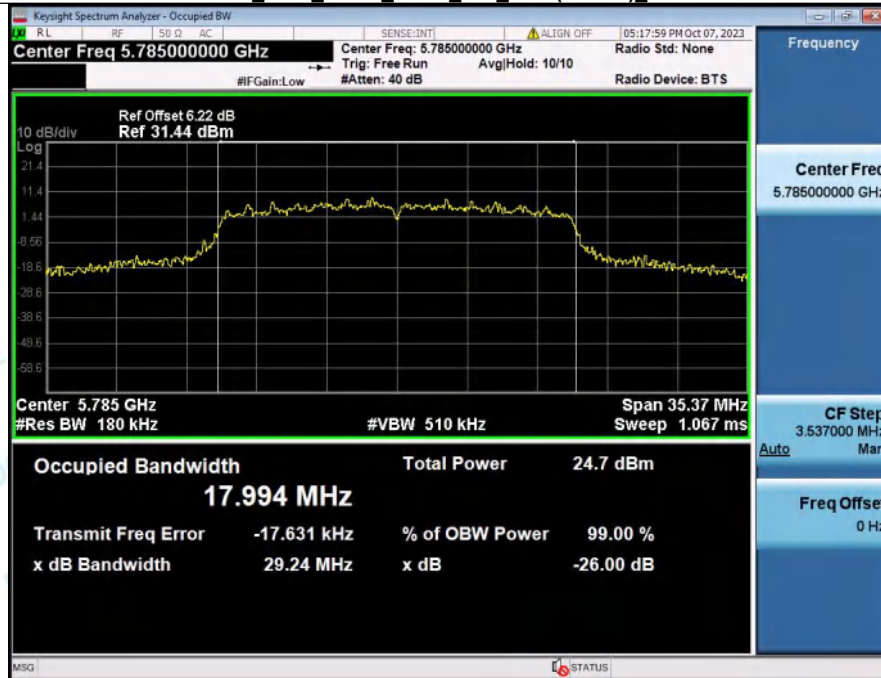
99% OCB NVNT ANT2_802_11ac(VHT20)_5745



-26BW NVNT ANT2_802_11ac(VHT20)_5745



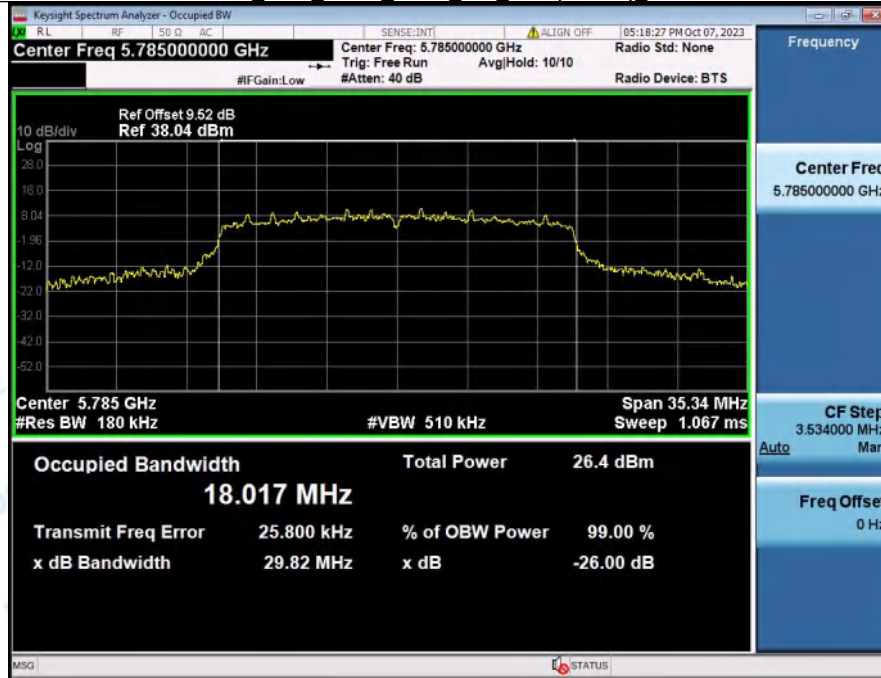
99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5785



-26BW_NVNT_ANT1_802_11ac(VHT20)_5785



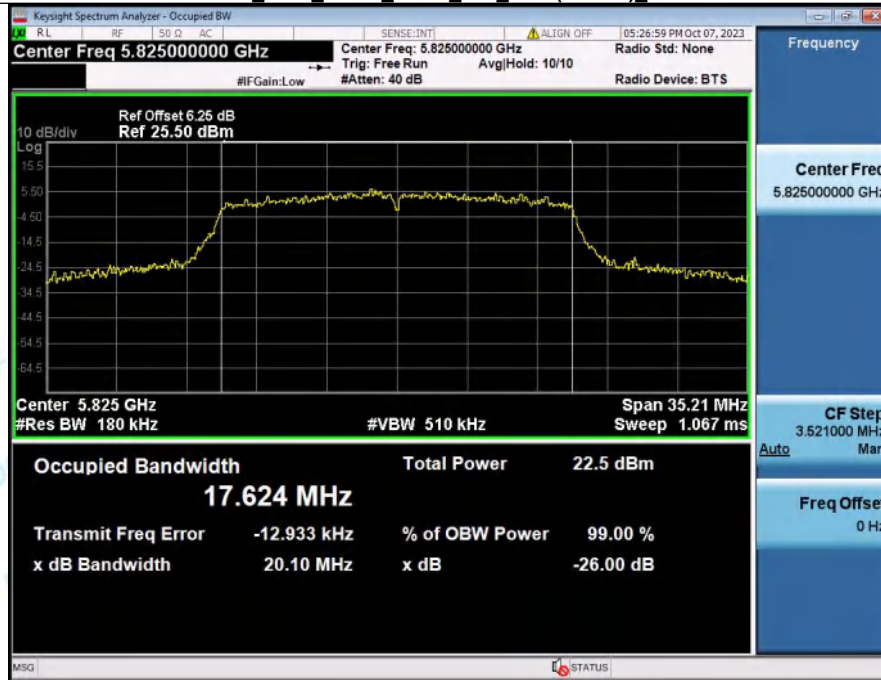
99% OCB NVNT ANT2_802_11ac(VHT20)_5785



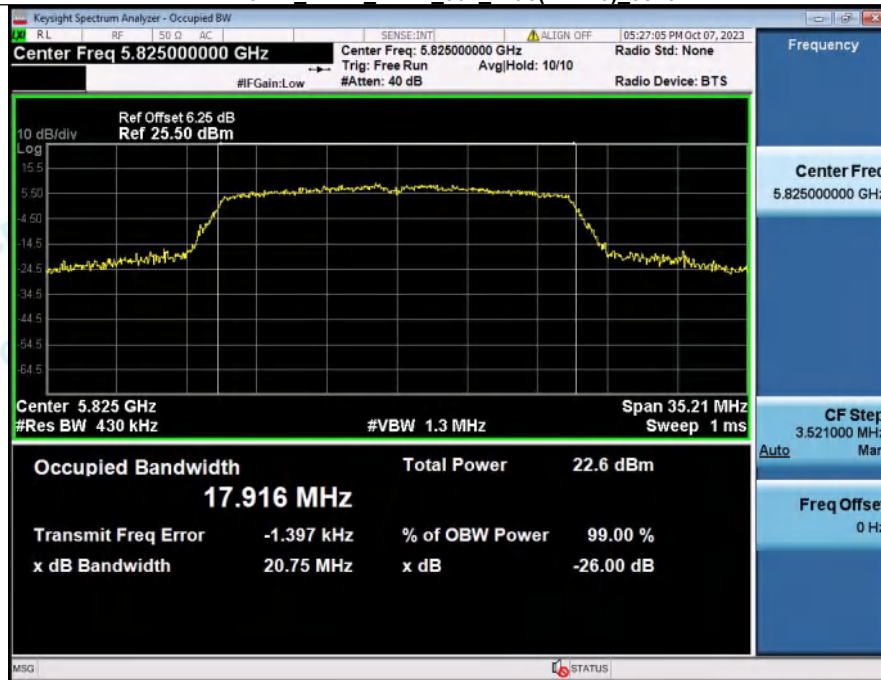
-26BW NVNT ANT2_802_11ac(VHT20)_5785



99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5825



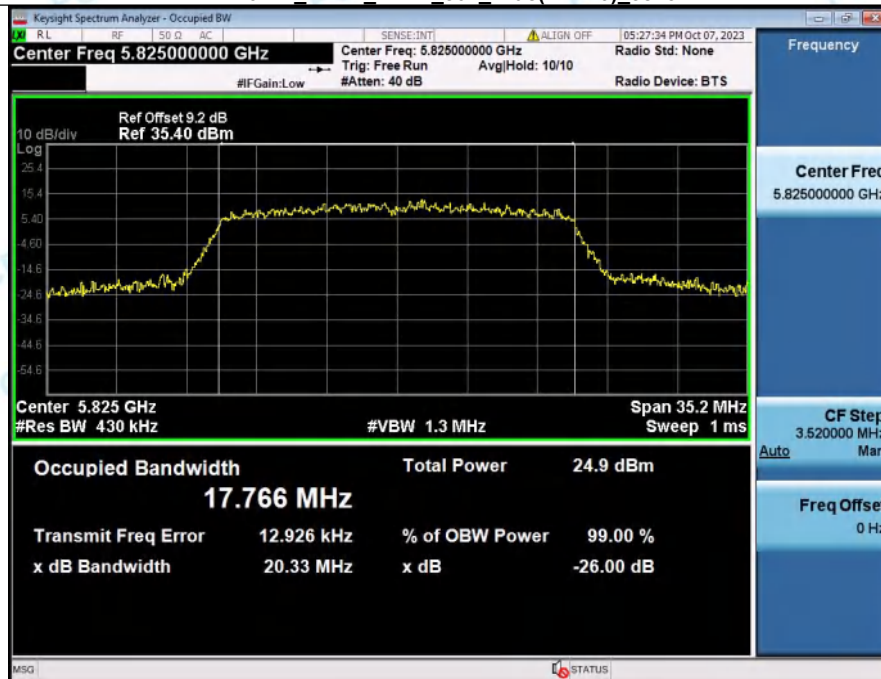
-26BW NVNT ANT1_802_11ac(VHT20)_5825



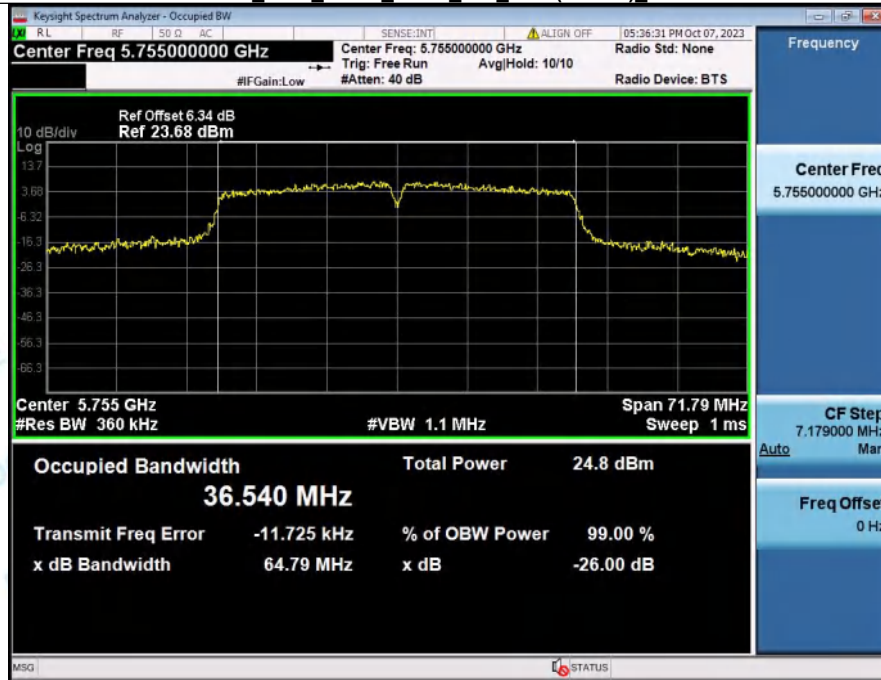
99% OCB NVNT ANT2_802_11ac(VHT20)_5825



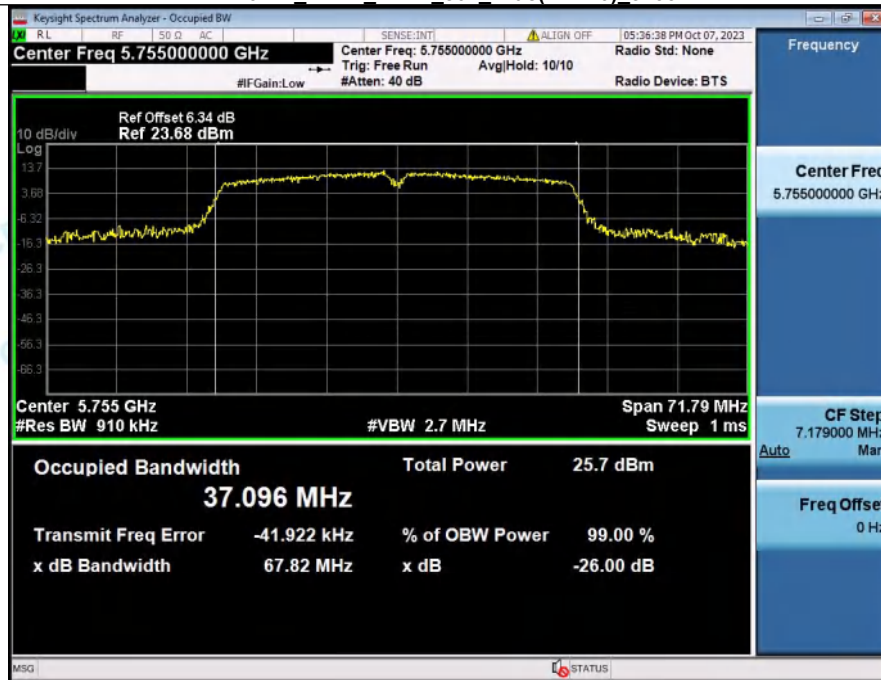
-26BW NVNT ANT2_802_11ac(VHT20)_5825



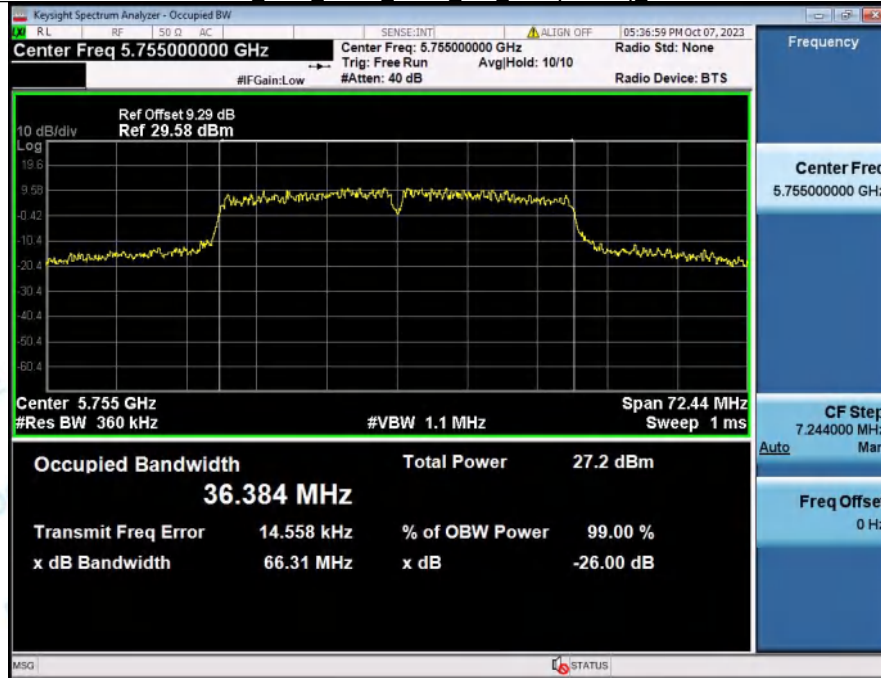
99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5755



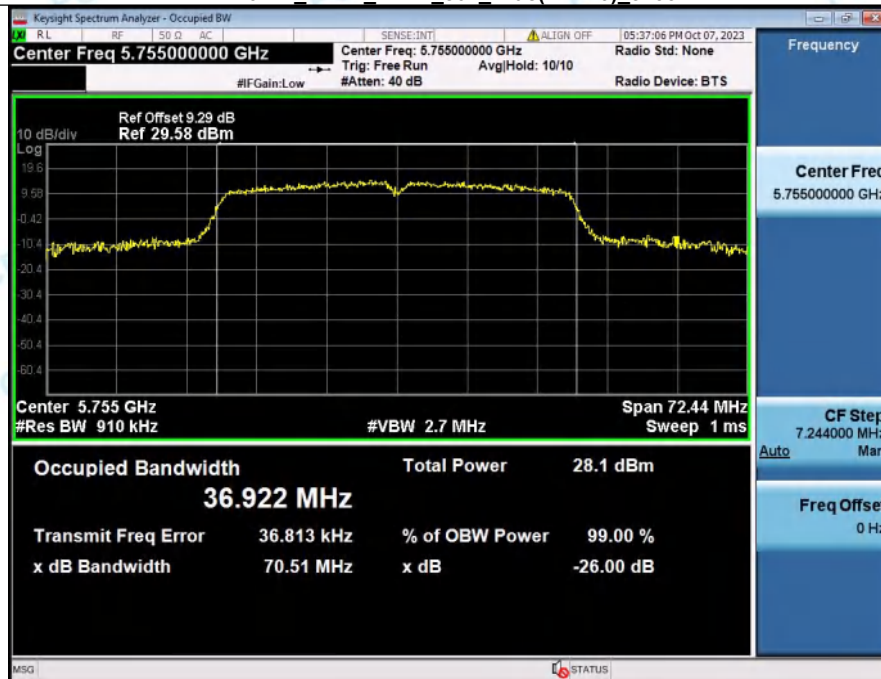
-26BW NVNT ANT1_802_11ac(VHT40)_5755



99% OCB NVNT ANT2_802_11ac(VHT40)_5755



-26BW NVNT ANT2_802_11ac(VHT40)_5755



99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795



-26BW NVNT ANT1_802_11ac(VHT40)_5795

