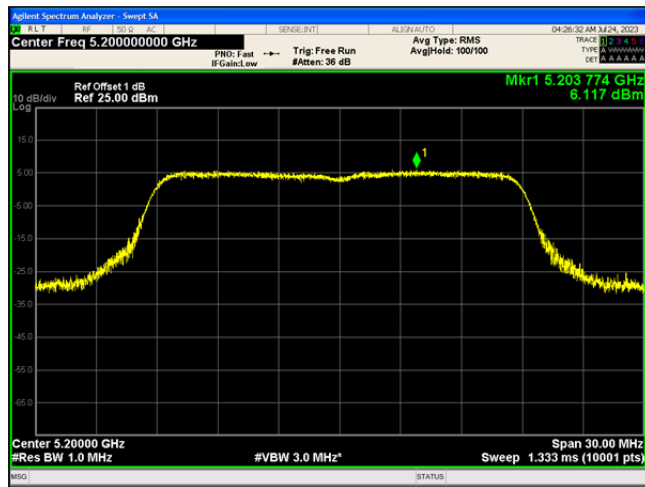
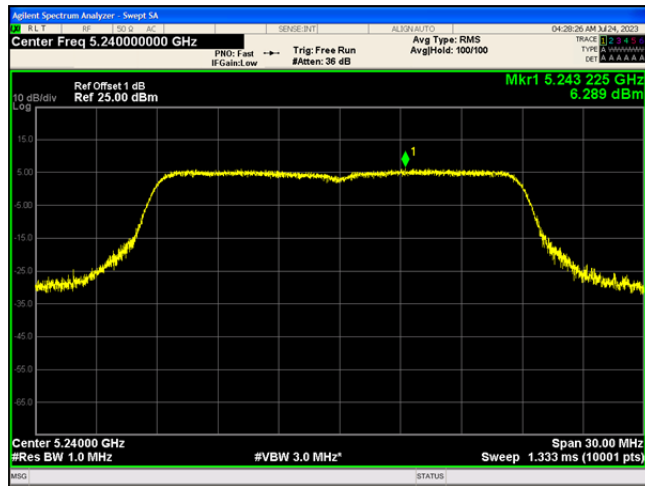


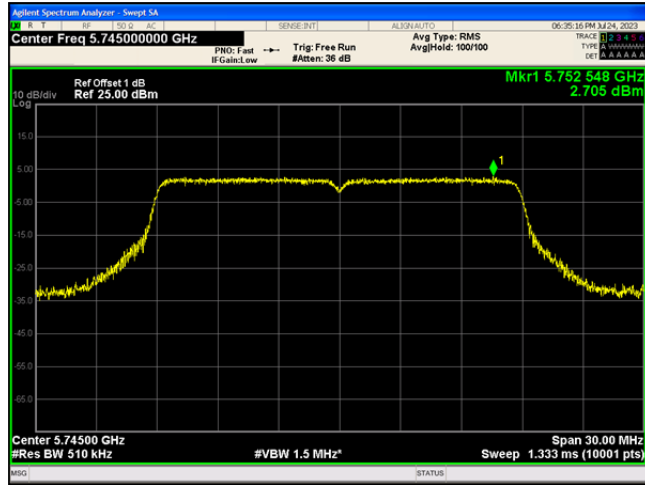
802.11n(HT20)_5200



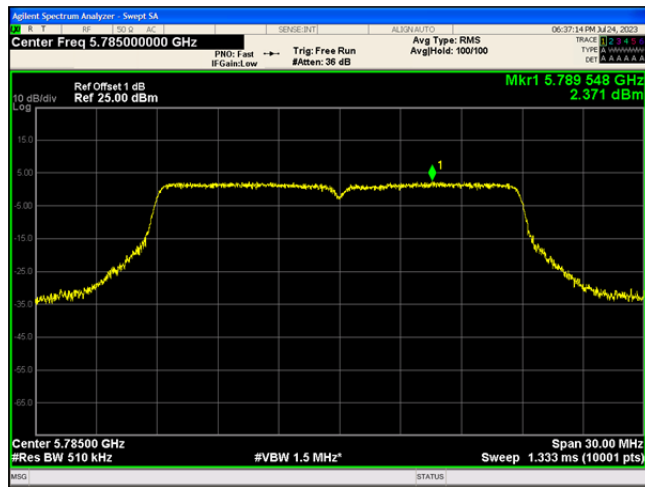
802.11n(HT20)_5240



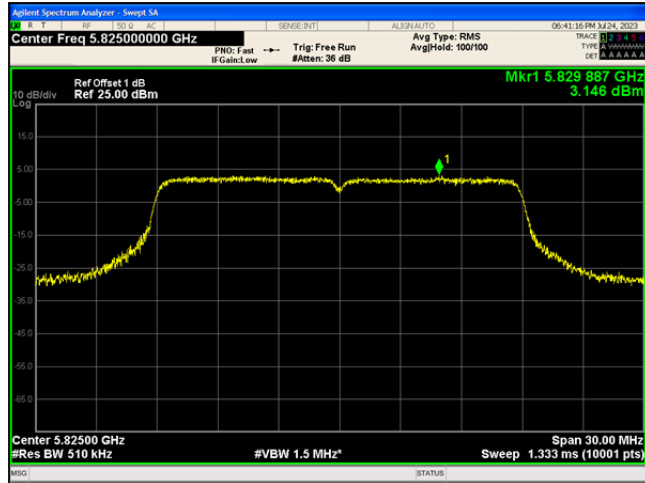
802.11n(HT20)_5745



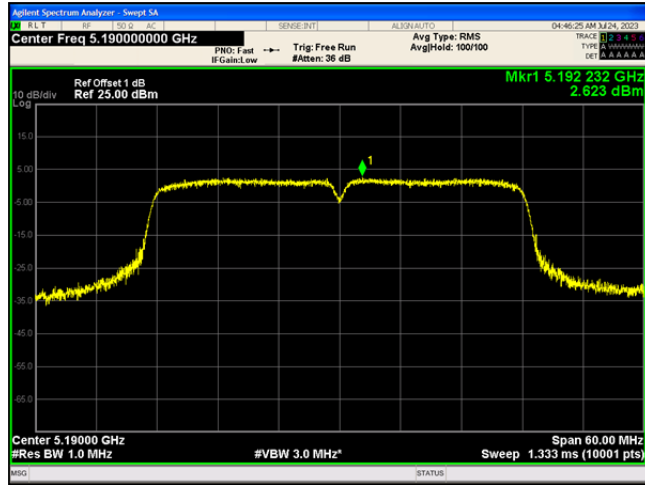
802.11n(HT20)_5785



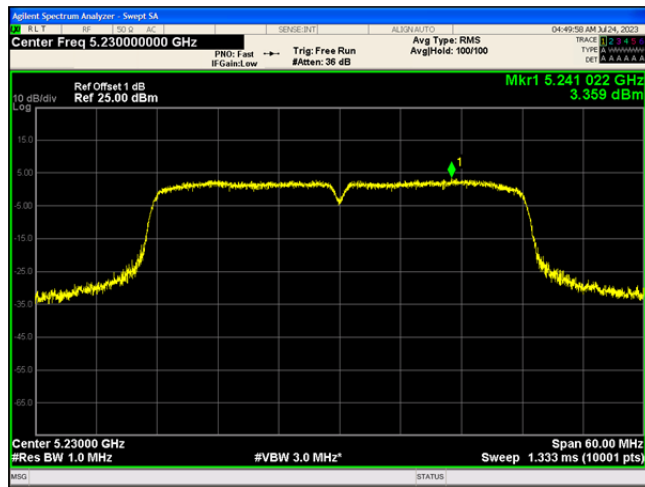
802.11n(HT20)_5825



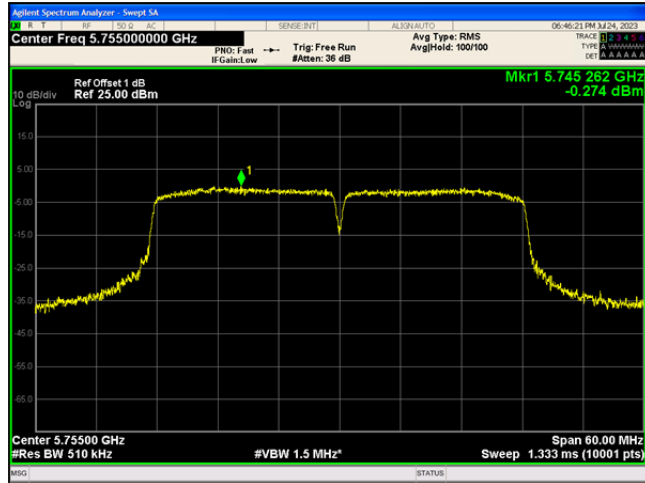
802.11n(HT40)_5190



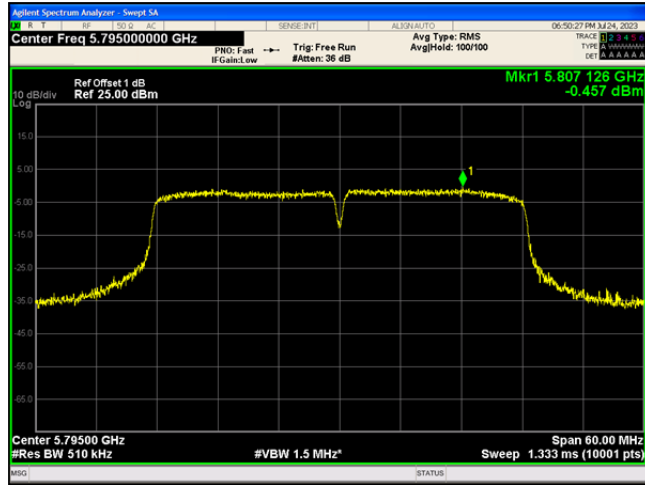
802.11n(HT40)_5230



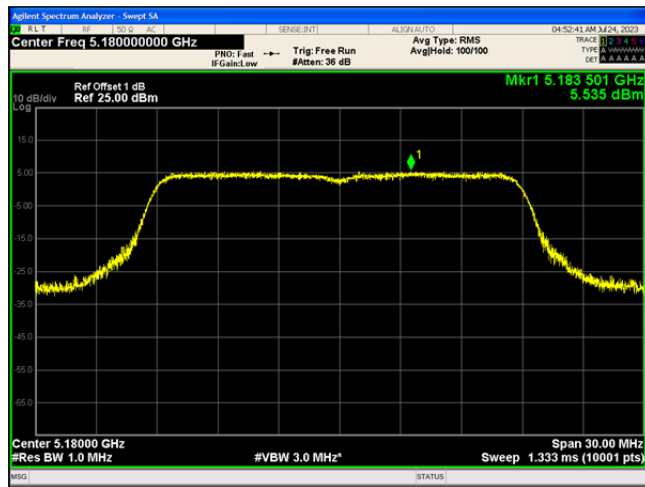
802.11n(HT40)_5755



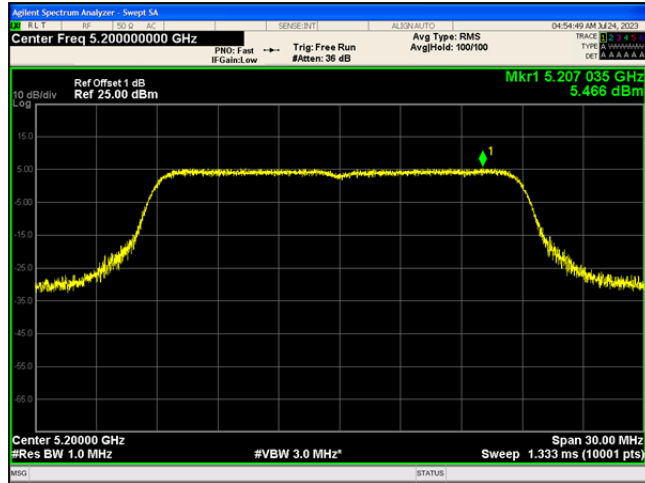
802.11n(HT40)_5795



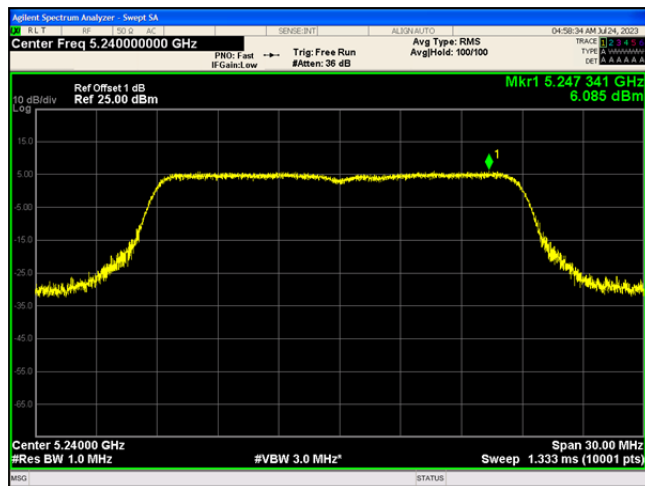
802.11ac(VHT20)_5180



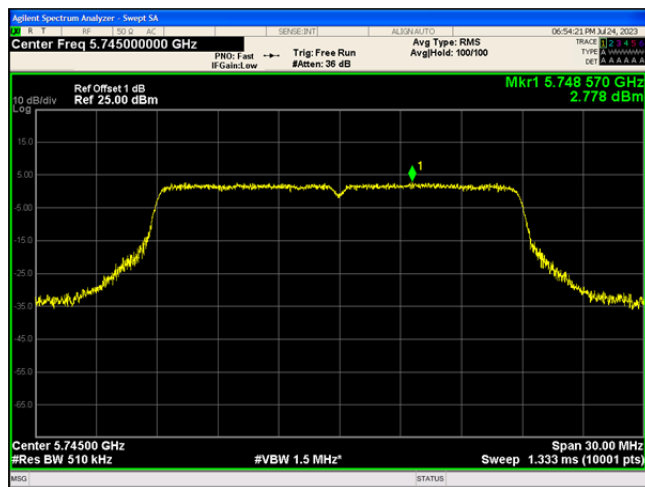
802.11ac(VHT20)_5200



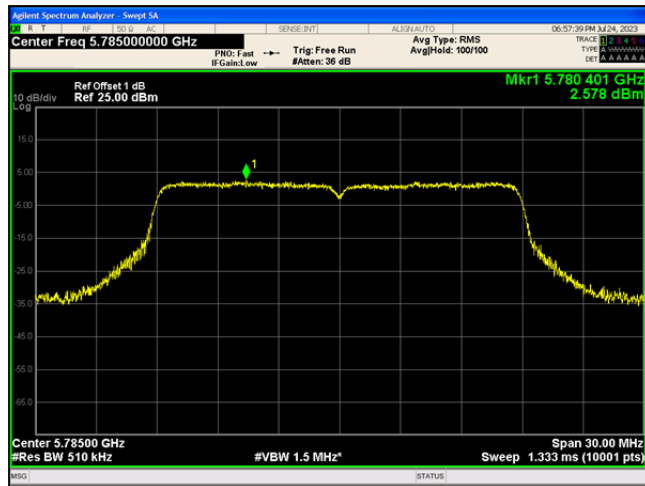
802.11ac(VHT20)_5240



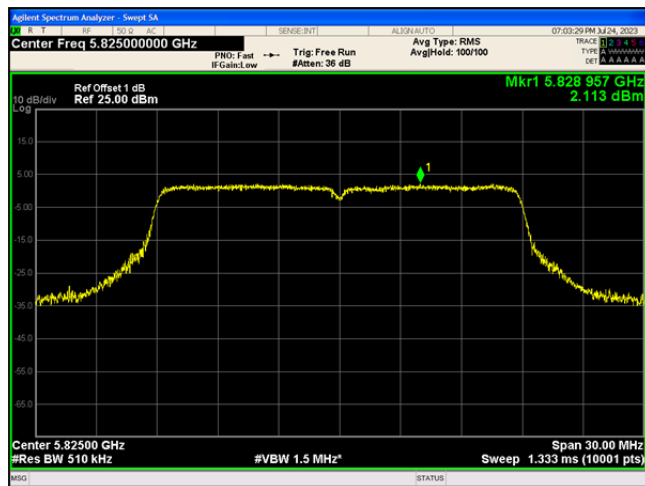
802.11ac(VHT20)_5745



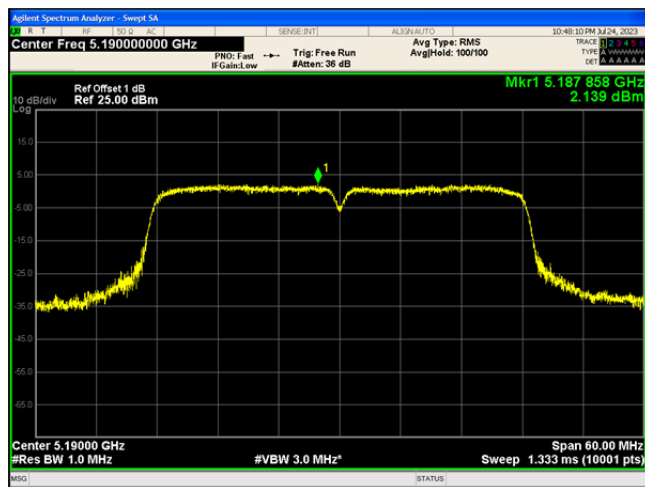
802.11ac(VHT20)_5785



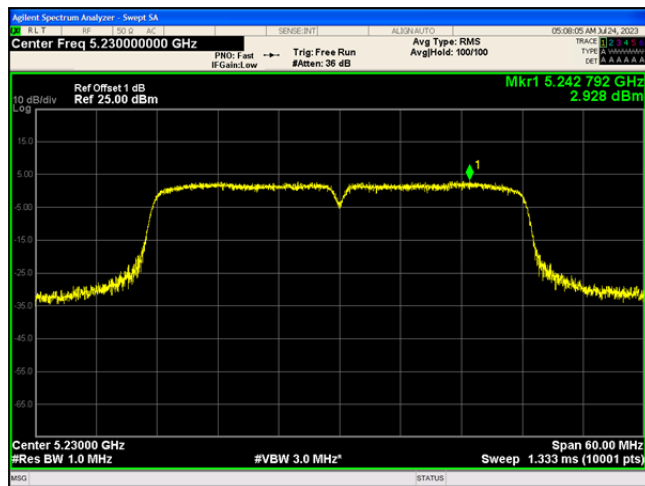
802.11ac(VHT20)_5825



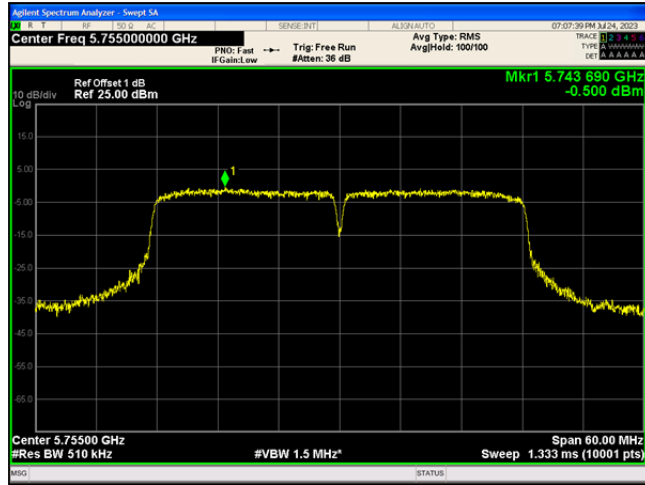
802.11ac(VHT40)_5190



802.11ac(VHT40)_5230



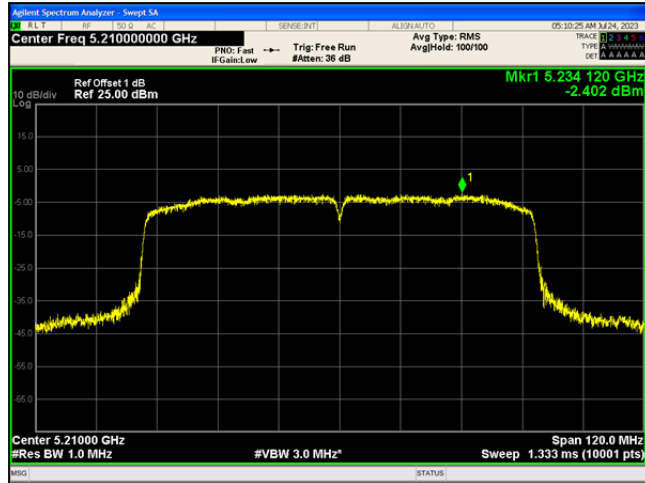
802.11ac(VHT40)_5755



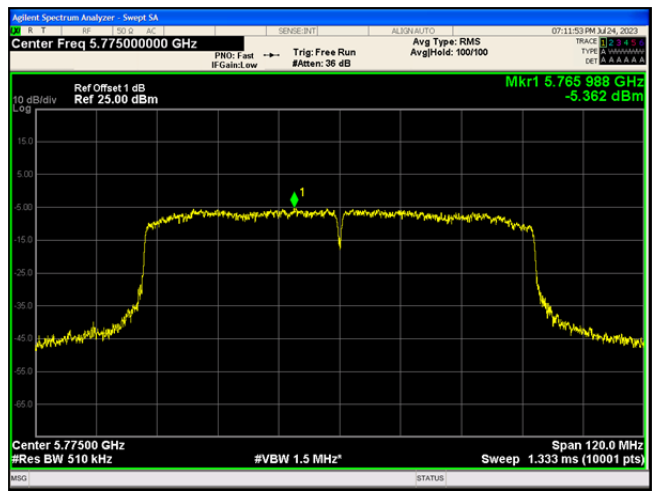
802.11ac(VHT40)_5795



802.11ac(VHT80)_5210



802.11ac(VHT80)_5775



Appendix D: Frequency Stability

Test Result

Voltage							
Test Mode	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20MHz	5180	NV	NT	2000	0.3861	20	PASS
		LV	NT	2000	0.3861	20	PASS
		HV	NT	2000	0.3861	20	PASS
	5200	NV	NT	4000	0.769231	20	PASS
		LV	NT	3000	0.576923	20	PASS
		HV	NT	2000	0.384615	20	PASS
	5240	NV	NT	4000	0.763359	20	PASS
		LV	NT	2000	0.381679	20	PASS
		HV	NT	2000	0.381679	20	PASS
	5745	NV	NT	-11000	-1.914708	20	PASS
		LV	NT	-11000	-1.914708	20	PASS
		HV	NT	-12000	-2.088773	20	PASS
	5785	NV	NT	-11000	-1.901469	20	PASS
		LV	NT	-12000	-2.07433	20	PASS
		HV	NT	-12000	-2.07433	20	PASS
5825	NV	NT	-7000	-1.201717	20	PASS	
	LV	NT	-9000	-1.545064	20	PASS	
	HV	NT	-10000	-1.716738	20	PASS	
40MHz	5190	NV	NT	-10000	-1.926782	20	PASS
		LV	NT	-10000	-1.926782	20	PASS
		HV	NT	-10000	-1.926782	20	PASS
	5230	NV	NT	-10000	-1.912046	20	PASS
		LV	NT	-10000	-1.912046	20	PASS
		HV	NT	-10000	-1.912046	20	PASS
	5755	NV	NT	-12000	-2.085143	20	PASS
		LV	NT	-12000	-2.085143	20	PASS
		HV	NT	-12000	-2.085143	20	PASS
5795	NV	NT	-11000	-1.898188	20	PASS	
	LV	NT	-12000	-2.070751	20	PASS	
	HV	NT	-12000	-2.070751	20	PASS	
80MHz	5210	NV	NT	-11000	-2.111324	20	PASS
		LV	NT	-12000	-2.303263	20	PASS
		HV	NT	-12000	-2.303263	20	PASS
	5775	NV	NT	-9000	-1.701323	20	PASS
		LV	NT	-9000	-1.701323	20	PASS
		HV	NT	-9000	-1.701323	20	PASS

Temperature							
Test Mode	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20MHz	5180	NV	0	0	0	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
		NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS
	5200	NV	0	1000	0.192308	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	1000	0.192308	20	PASS
		NV	40	0	0	20	PASS
		NV	45	1000	0.192308	20	PASS
	5240	NV	0	0	0	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
		NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS
	5745	NV	0	0	0	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
		NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS
	5785	NV	0	0	0	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
		NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS
5825	NV	0	0	0	20	PASS	
	NV	10	0	0	20	PASS	
	NV	20	0	0	20	PASS	
	NV	30	0	0	20	PASS	
	NV	40	0	0	20	PASS	
	NV	45	0	0	20	PASS	
40MHz	5190	NV	0	1000	0.192678	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
		NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS
	5230	NV	0	0	0	20	PASS

		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
		NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS
	5755	NV	0	0	0	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
		NV	40	0	0	20	PASS
	5795	NV	45	0	0	20	PASS
		NV	0	0	0	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
80MHz	5210	NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS
		NV	0	1000	0.191939	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
	5775	NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS
		NV	0	0	0	20	PASS
		NV	10	0	0	20	PASS
		NV	20	0	0	20	PASS
		NV	30	0	0	20	PASS
		NV	40	0	0	20	PASS
		NV	45	0	0	20	PASS

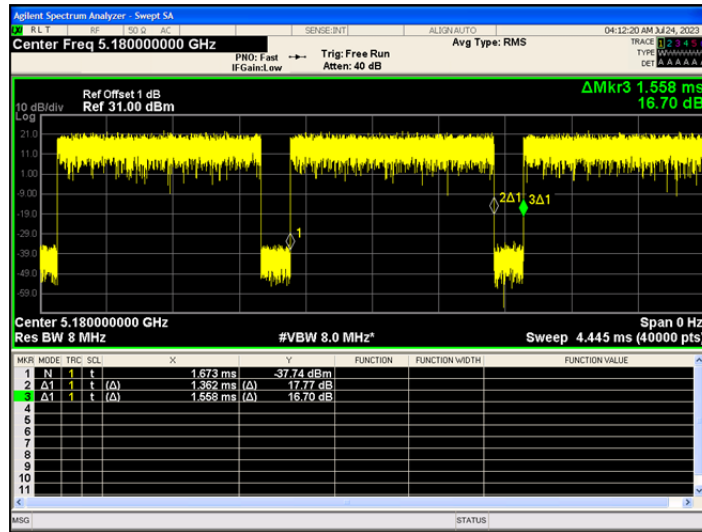
Appendix E: Duty Cycle

Test Result

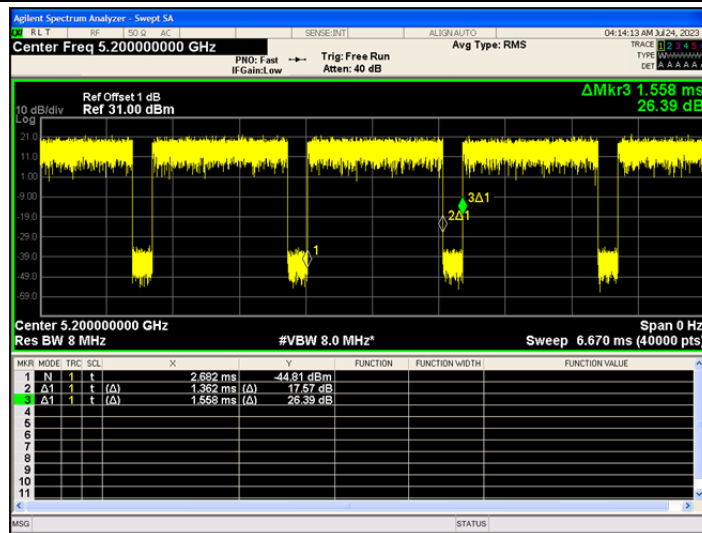
Test Mode	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
802.11a	5180	1.362	1.558	87.42	0.58	0.734	1
	5200	1.362	1.558	87.43	0.58	0.734	1
	5240	1.362	1.558	87.42	0.58	0.734	1
	5745	1.034	1.230	84.07	0.75	0.967	1
	5785	1.363	1.559	87.44	0.58	0.734	1
	5825	1.362	1.558	87.42	0.58	0.734	1
802.11n(HT20)	5180	1.151	1.347	85.45	0.68	0.869	1
	5200	1.150	1.347	85.43	0.68	0.870	1
	5240	1.150	1.347	85.44	0.68	0.870	1
	5745	1.149	1.345	85.42	0.68	0.870	1
	5785	1.149	1.345	85.42	0.68	0.870	1
	5825	1.149	1.345	85.42	0.68	0.870	1
802.11n(HT40)	5190	0.633	0.830	76.21	1.18	1.580	2
	5230	0.634	0.831	76.27	1.18	1.577	2
	5755	0.633	0.830	76.21	1.18	1.580	2
	5795	0.573	0.770	74.38	1.29	1.745	2
802.11ac(VHT20)	5180	0.977	1.173	83.26	0.80	1.024	2
	5200	0.977	1.173	83.26	0.80	1.024	2
	5240	0.977	1.173	83.26	0.80	1.024	2
	5745	0.977	1.173	83.27	0.80	1.024	2
	5785	0.977	1.173	83.27	0.80	1.024	2
	5825	0.978	1.174	83.31	0.79	1.022	2
802.11ac(VHT40)	5190	0.493	0.690	71.38	1.46	2.028	3
	5230	0.492	0.690	71.38	1.46	2.033	3
	5755	0.493	0.690	71.39	1.46	2.028	3
	5795	0.492	0.690	71.39	1.46	2.033	3
802.11ac(VHT80)	5210	0.249	0.446	55.68	2.54	4.016	5
	5775	0.250	0.448	55.85	2.53	4.000	5

Test Graphs

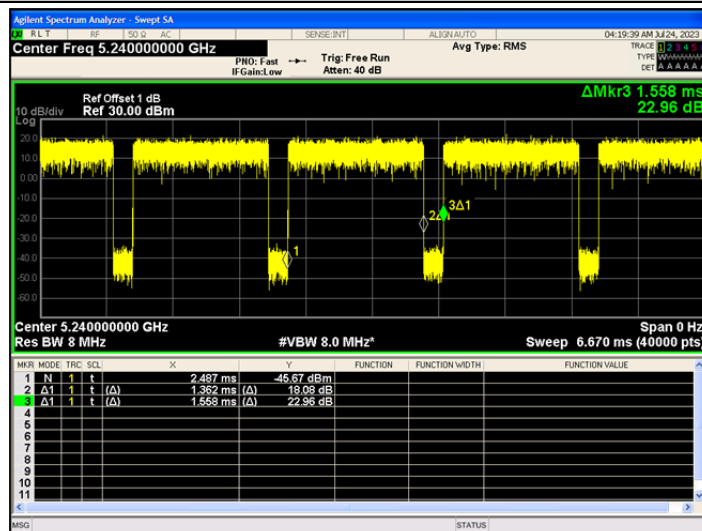
802.11a_5180



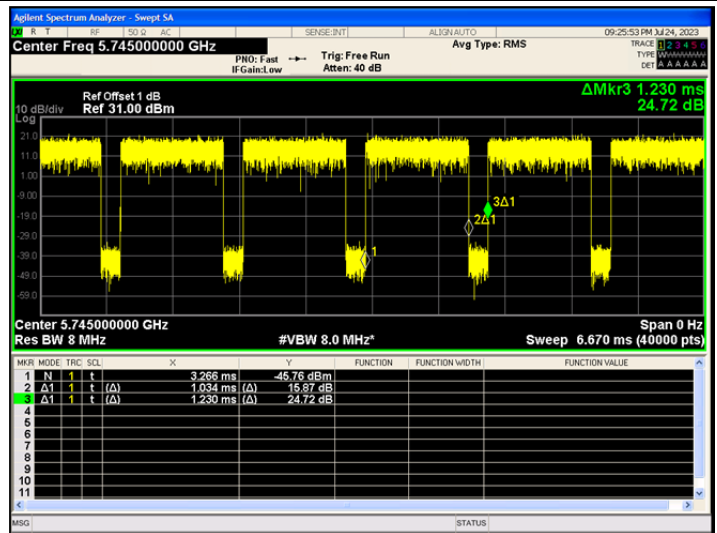
802.11a_5200



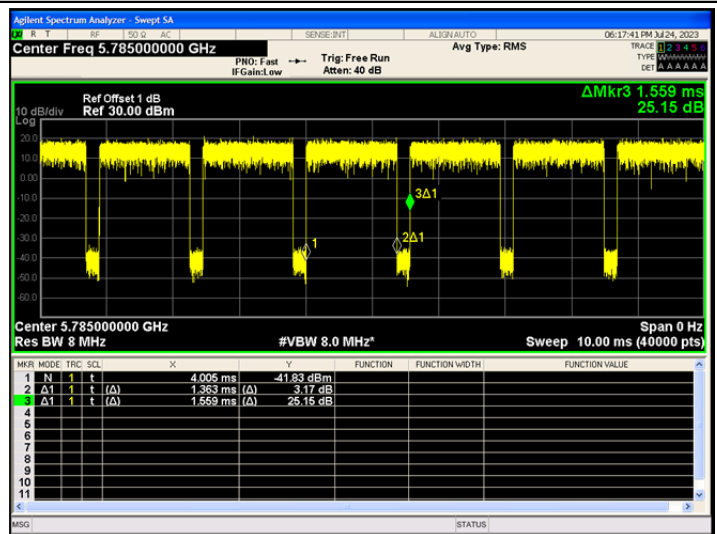
802.11a_5240



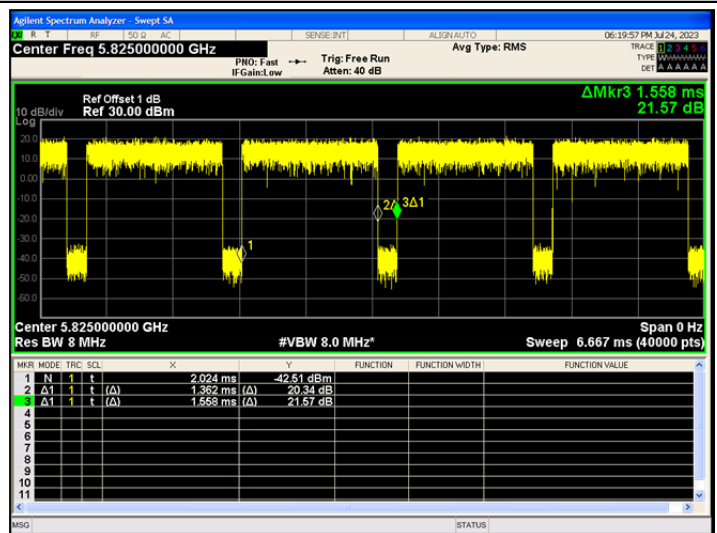
802.11a_5745



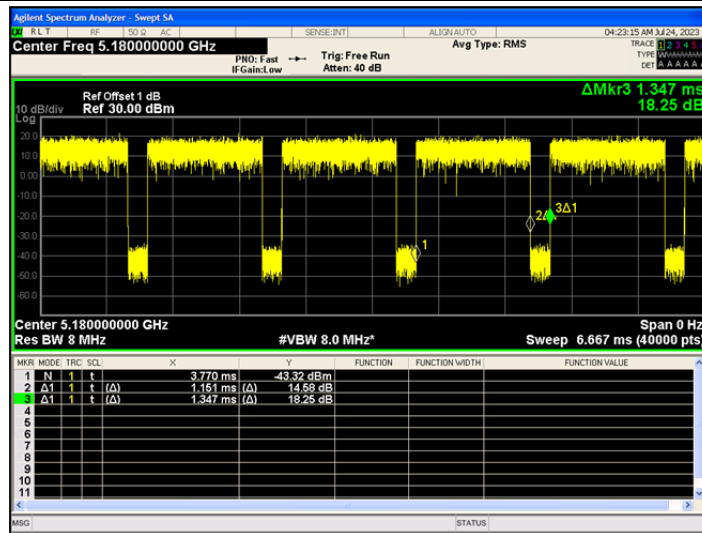
802.11a_5785



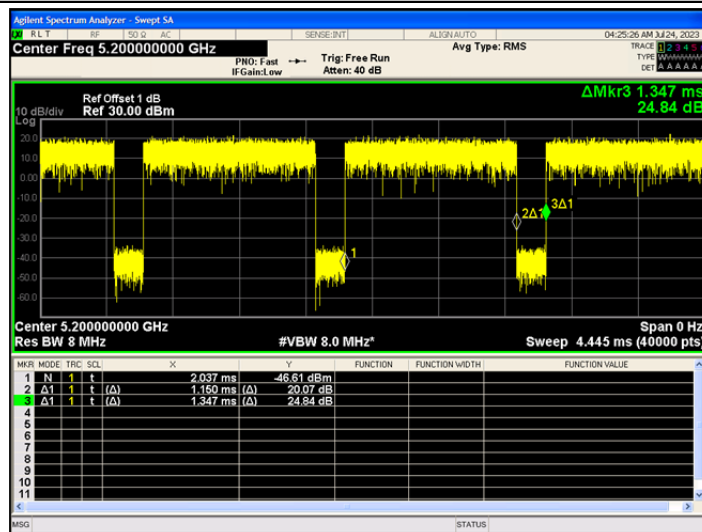
802.11a_5825



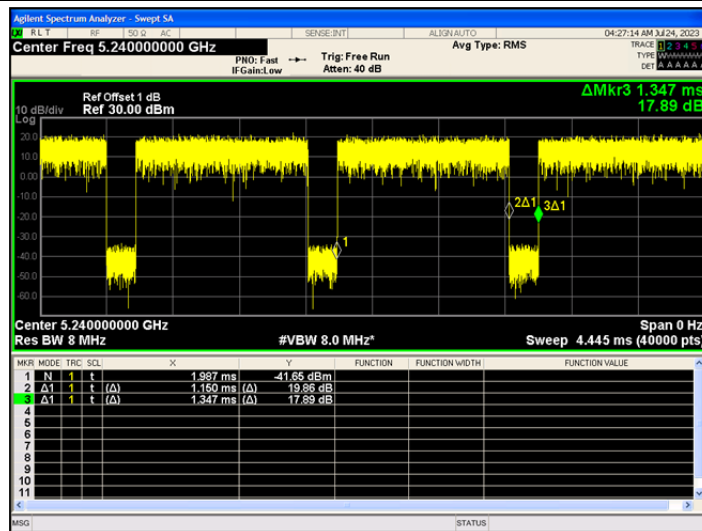
802.11n(HT20)_5180



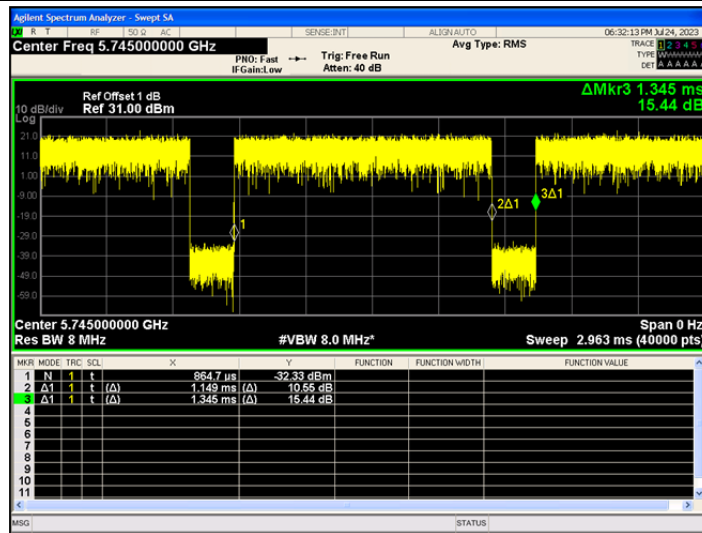
802.11n(HT20)_5200



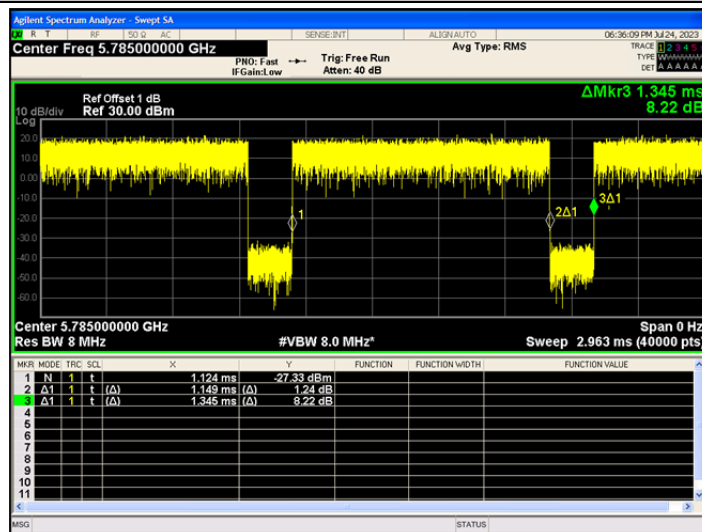
802.11n(HT20)_5240



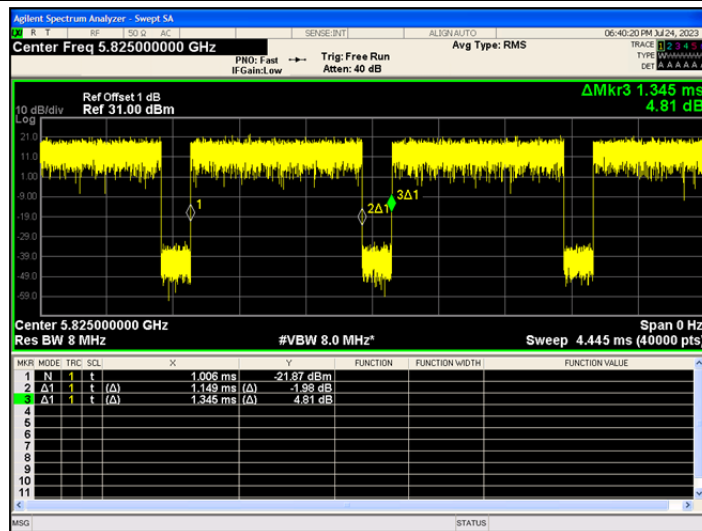
802.11n(HT20)_5745



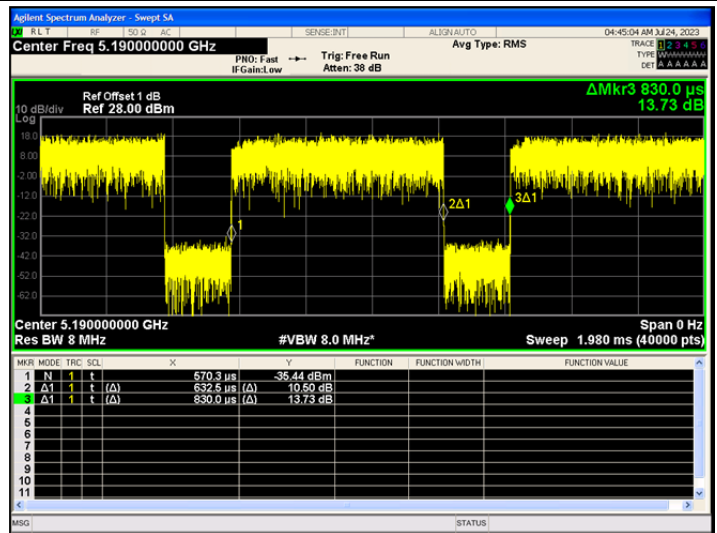
802.11n(HT20)_5785



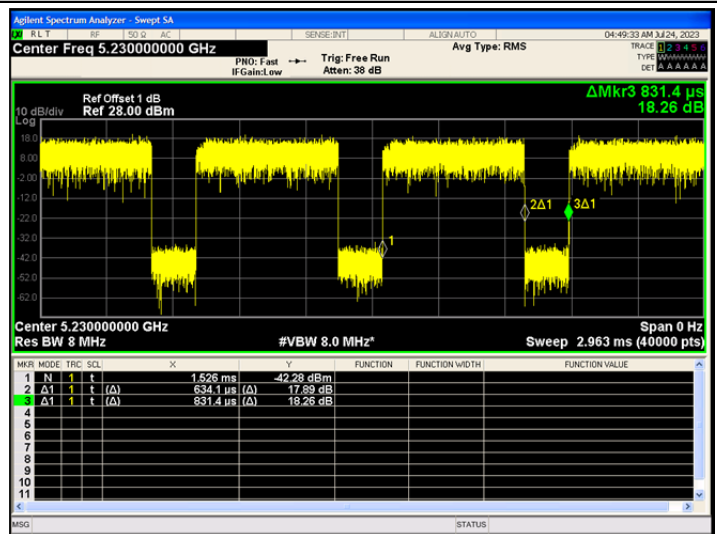
802.11n(HT20)_5825



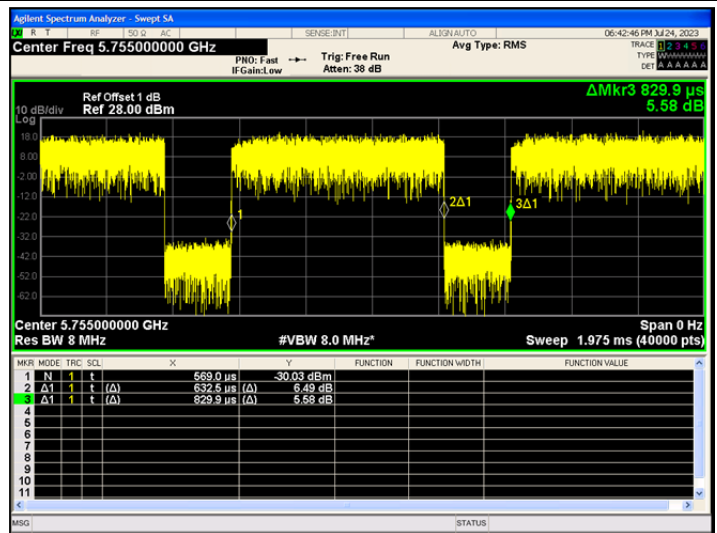
802.11n(HT40)_5190



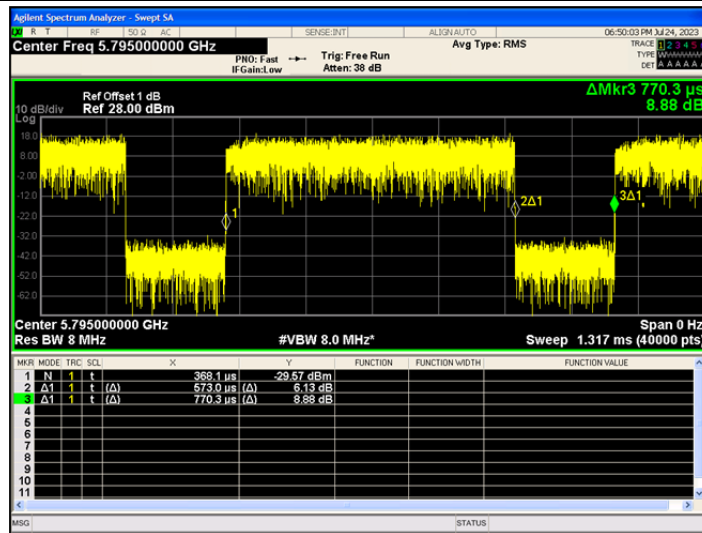
802.11n(HT40)_5230



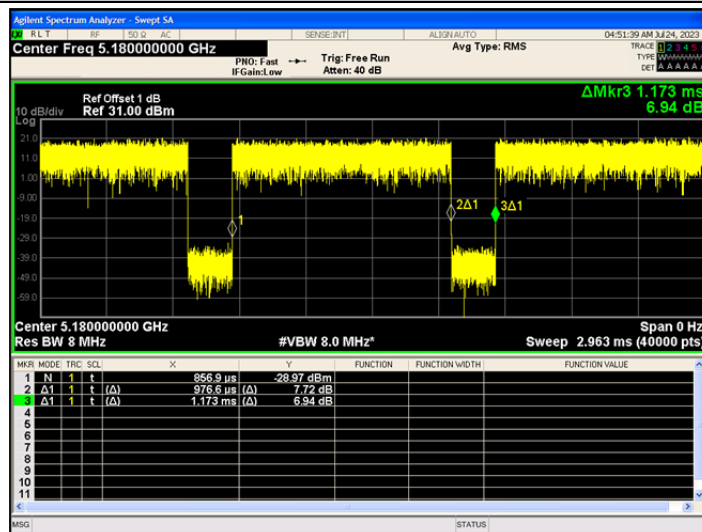
802.11n(HT40)_5755



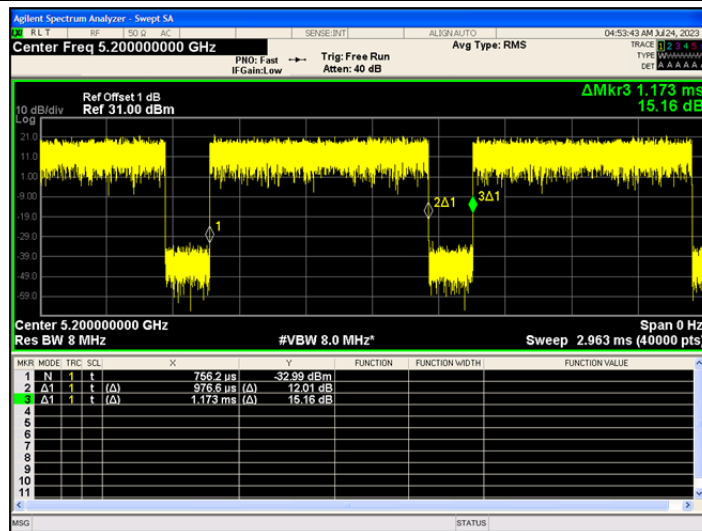
802.11n(HT40)_5795



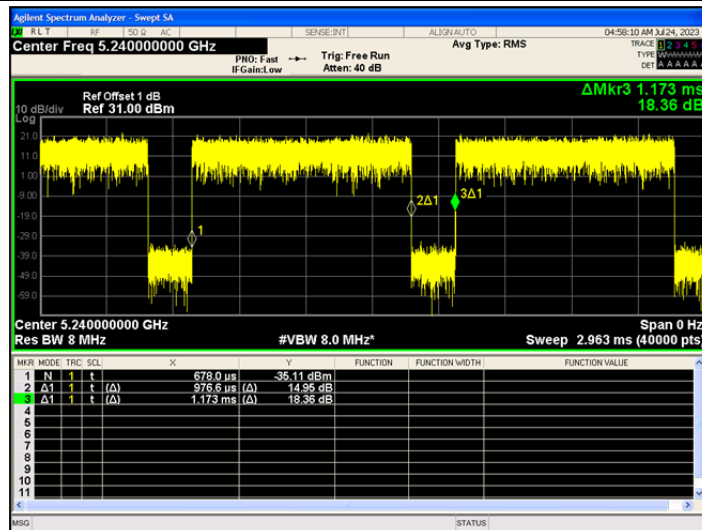
802.11ac(VHT20)_5180



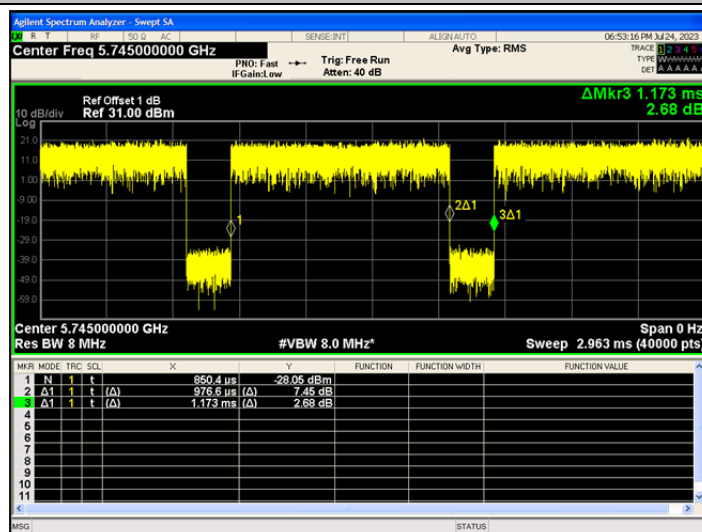
802.11ac(VHT20)_5200



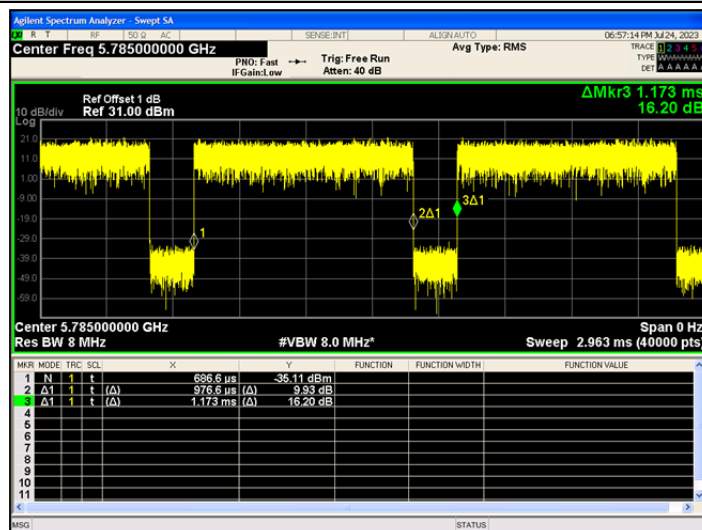
802.11ac(VHT20)_5240



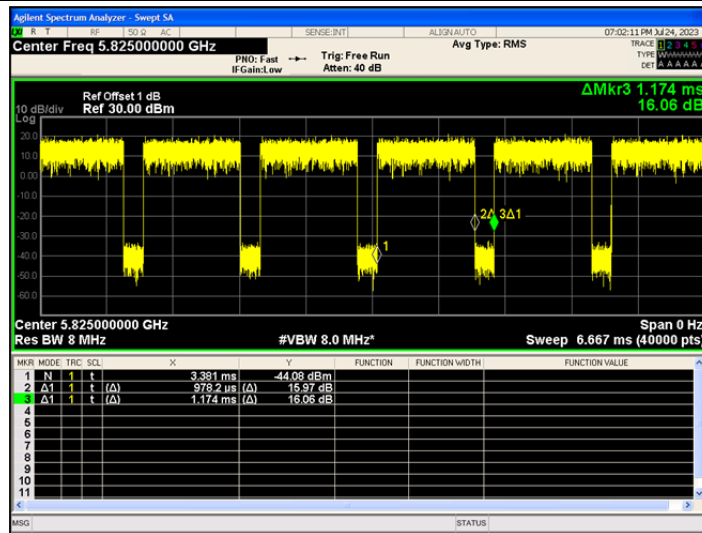
802.11ac(VHT20)_5745



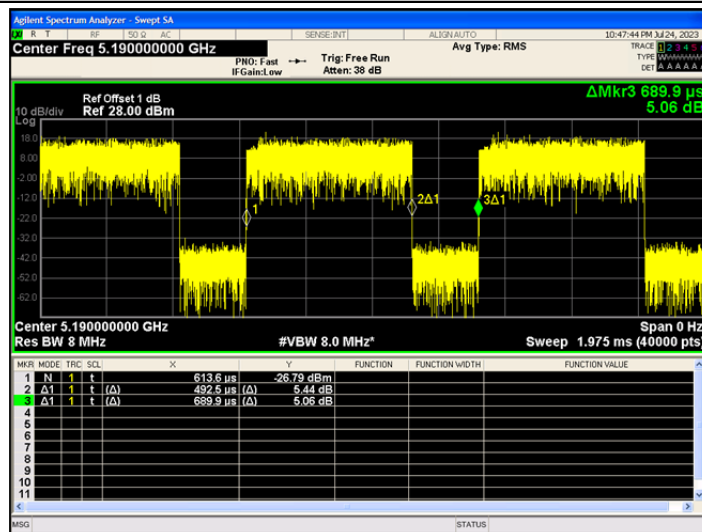
802.11ac(VHT20)_5785



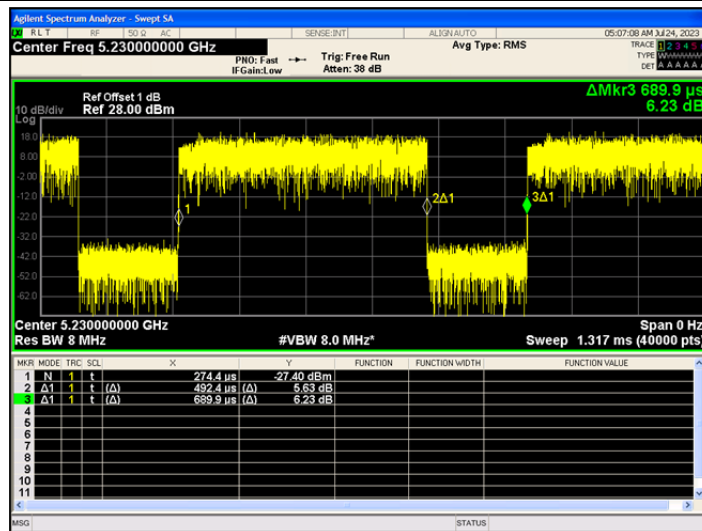
802.11ac(VHT20)_5825



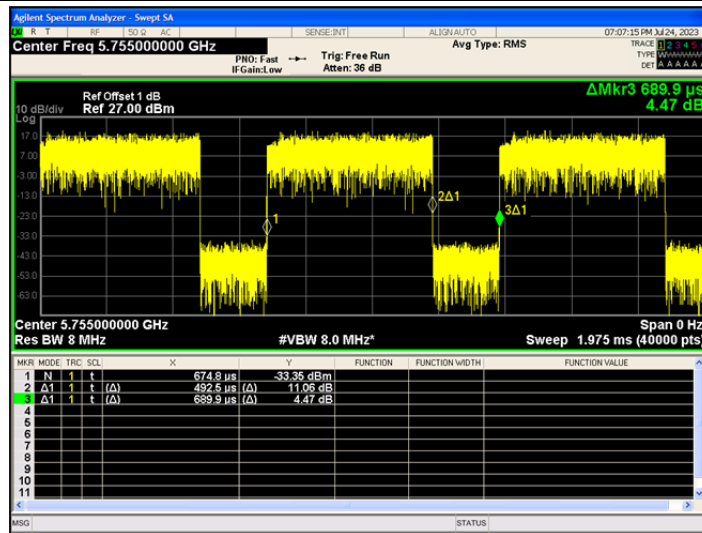
802.11ac(VHT40)_5190



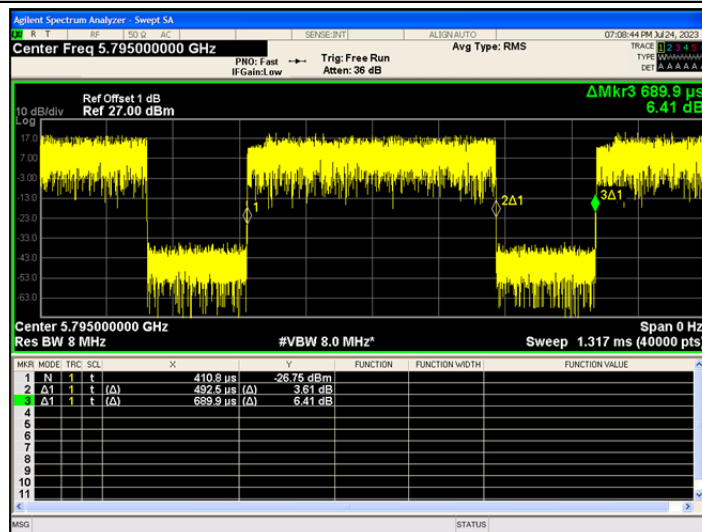
802.11ac(VHT40)_5230



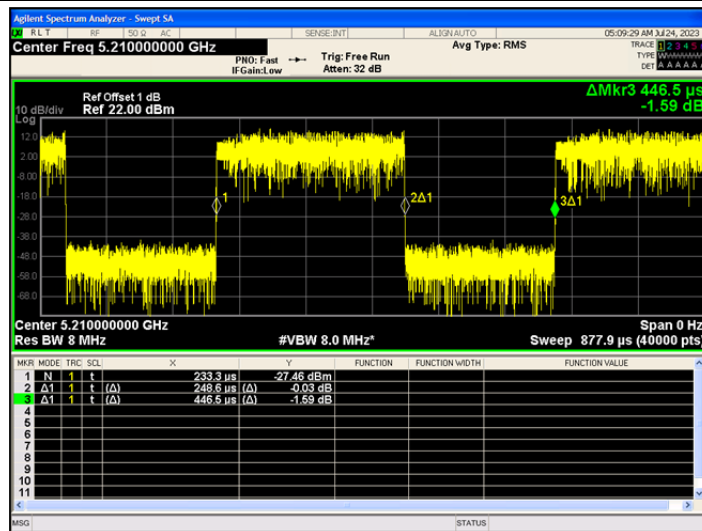
802.11ac(VHT40)_5755



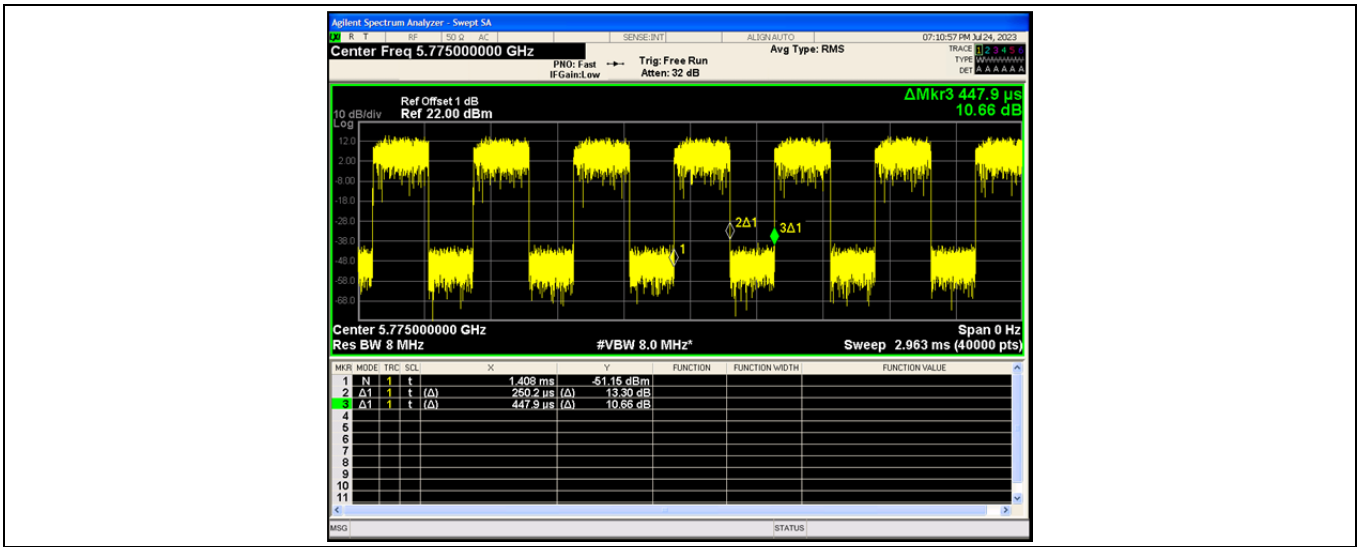
802.11ac(VHT40)_5795



802.11ac(VHT80)_5210



802.11ac(VHT80)_5775



-----End-----