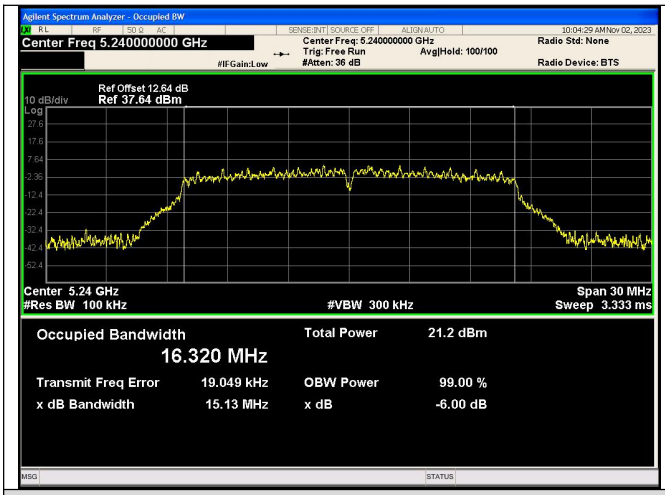
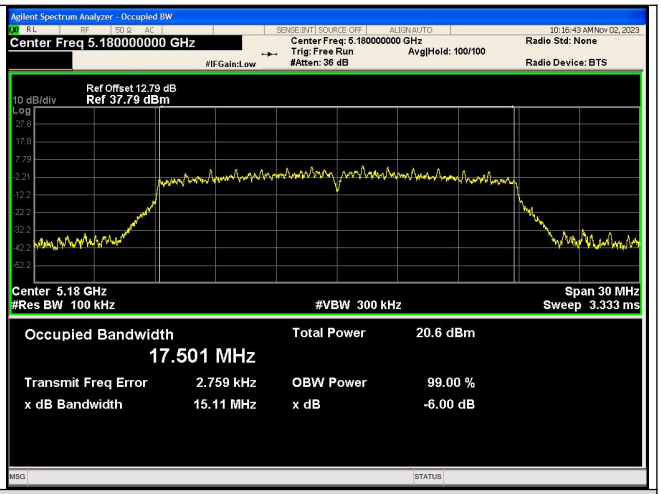
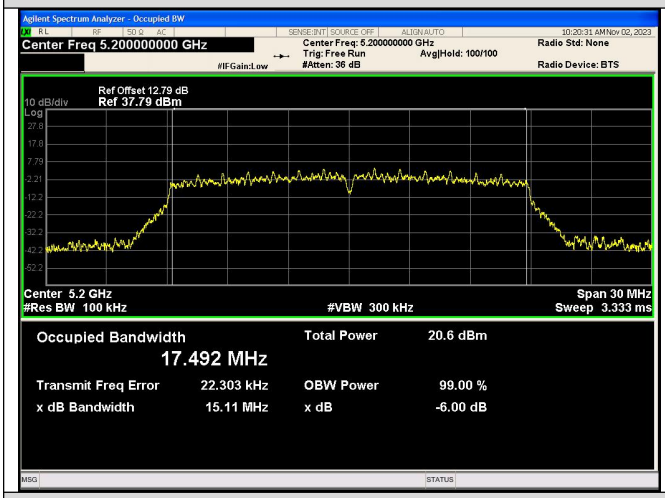


IEEE 802.11a_Channel 48_20MHz_Antenna 0

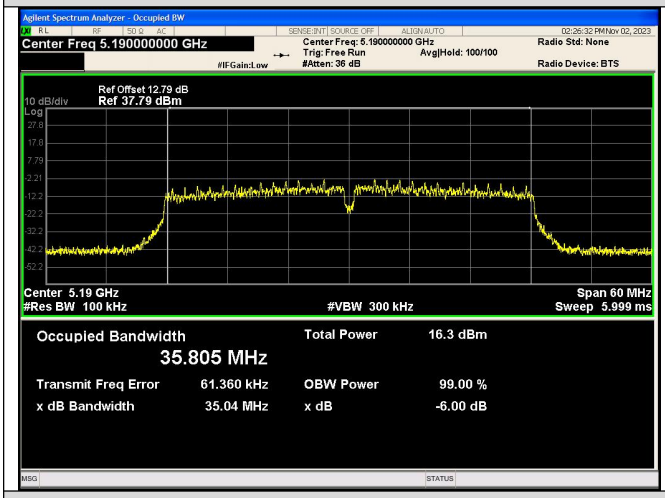


IEEE 802.11n_Channel 36_20MHz_Antenna 0

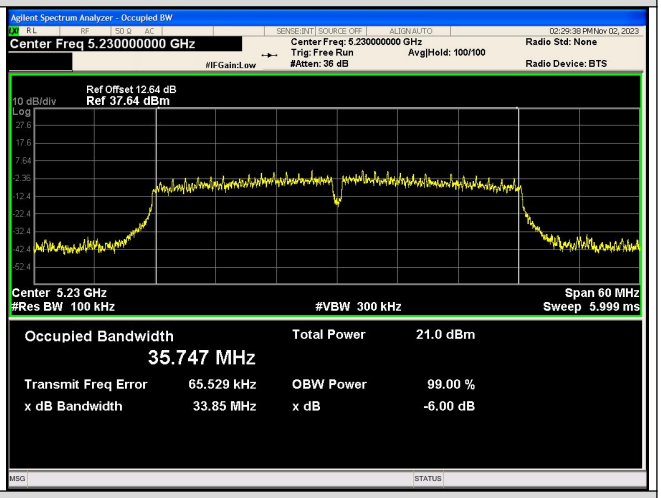


IEEE 802.11n_Channel 40_20MHz_Antenna 0

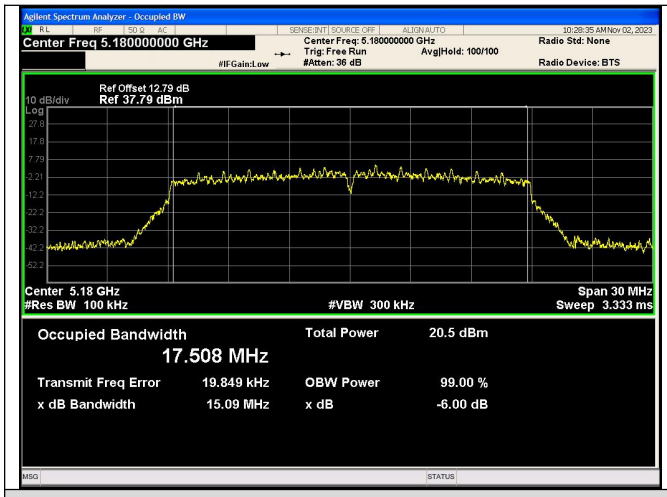
IEEE 802.11n_Channel 48_20MHz_Antenna 0



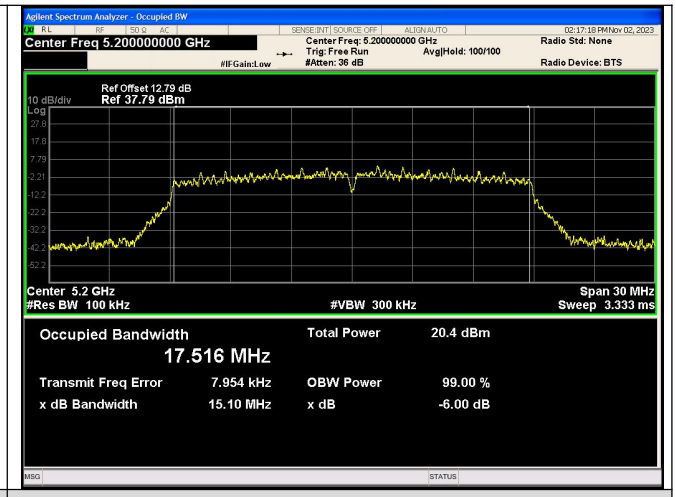
IEEE 802.11n_Channel 38_40MHz_Antenna 0



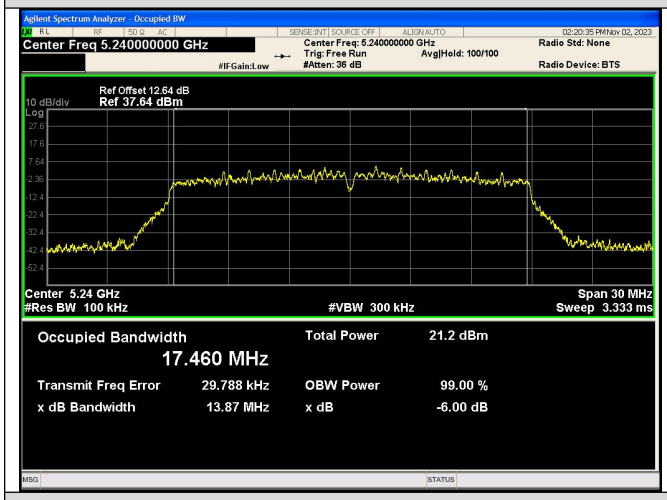
IEEE 802.11n_Channel 46_40MHz_Antenna 0



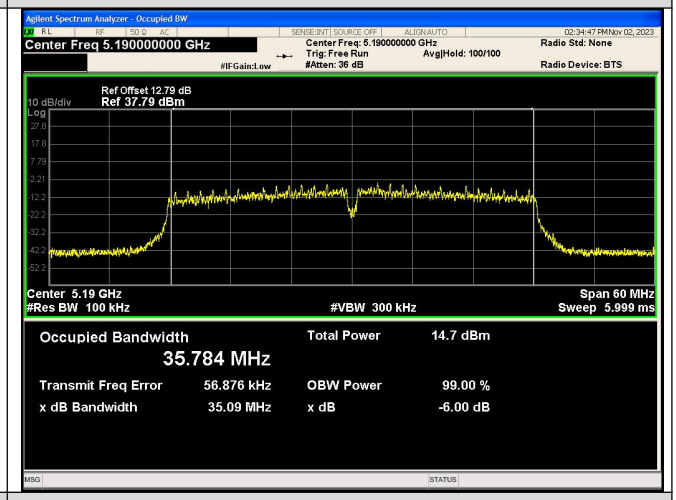
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



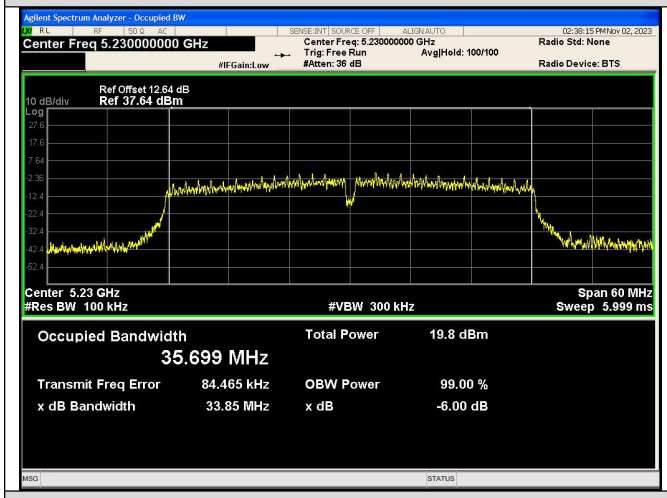
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



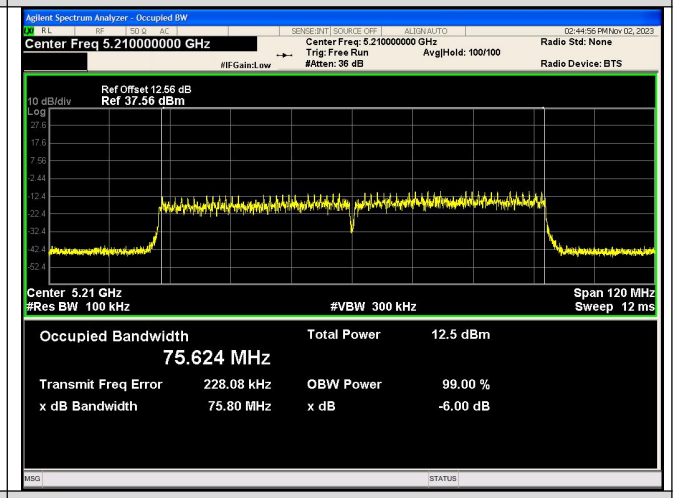
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



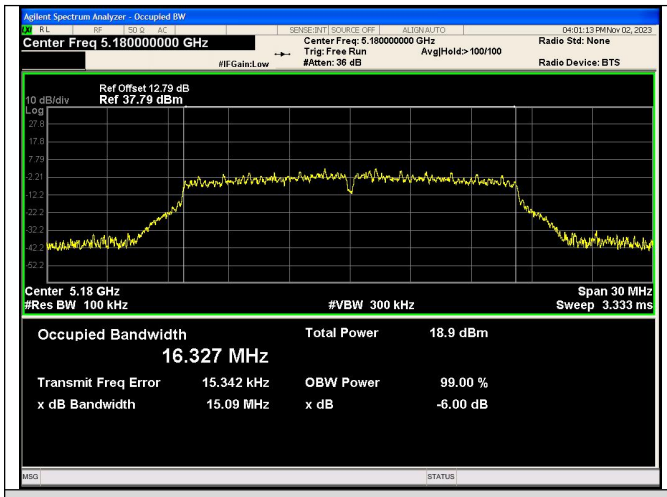
IEEE 802.11ac_Channel 42_80MHz_Antenna 0

Antenna 2:

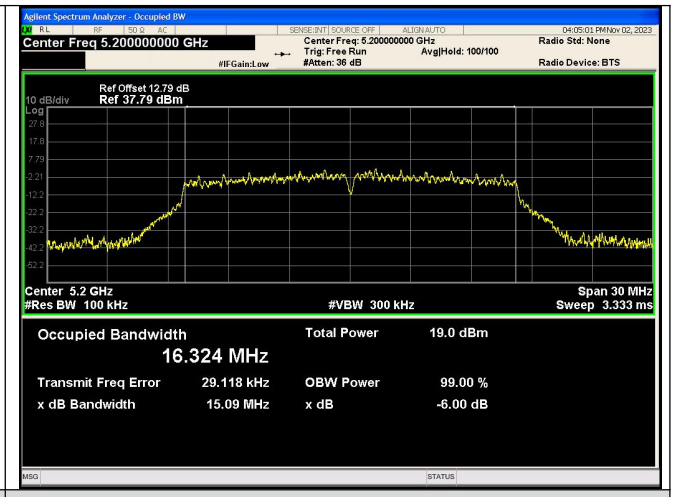
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	36	2	5180	15.09	0.5	PASS
	40		5200	15.09		PASS
	48		5240	15.11		PASS
IEEE 802.11n_20	36		5180	15.09		PASS
	40		5200	15.09		PASS
	48		5240	15.10		PASS
IEEE 802.11n_40	38		5190	35.09		PASS
	46		5230	35.09		PASS
IEEE 802.11ac_20	36		5180	15.06		PASS
	40		5200	15.06		PASS
	48		5240	15.09		PASS
IEEE 802.11ac_40	38		5190	35.09		PASS
	46		5230	35.06		PASS
IEEE 802.11ac_80	42		5210	75.09		PASS

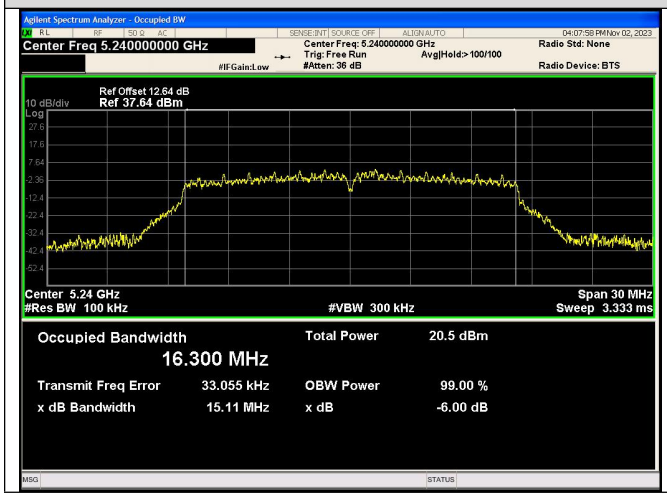
Test Graphs

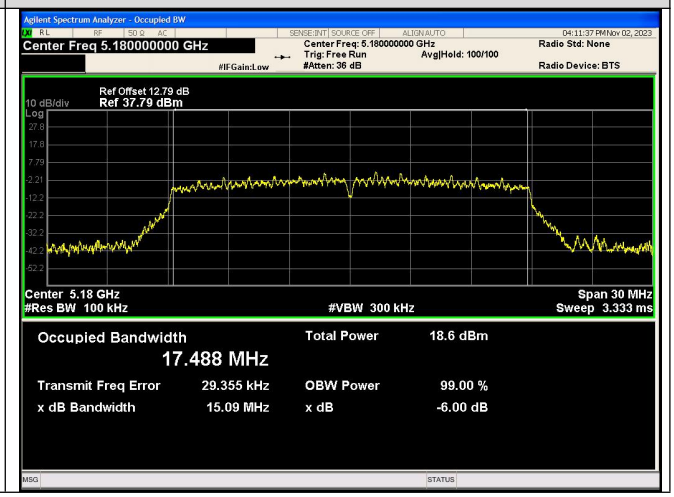


IEEE 802.11a_Channel 36_20MHz_Antenna 0

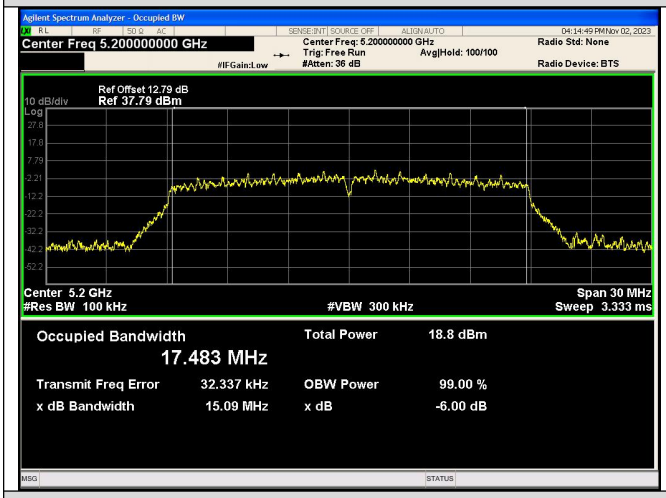


IEEE 802.11a_Channel 40_20MHz_Antenna 0

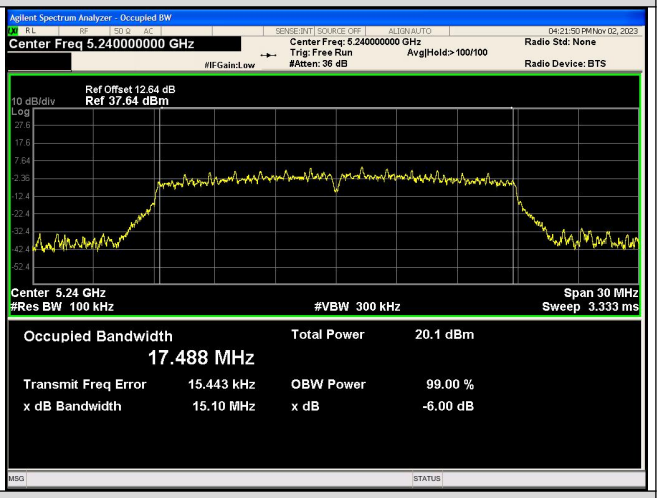




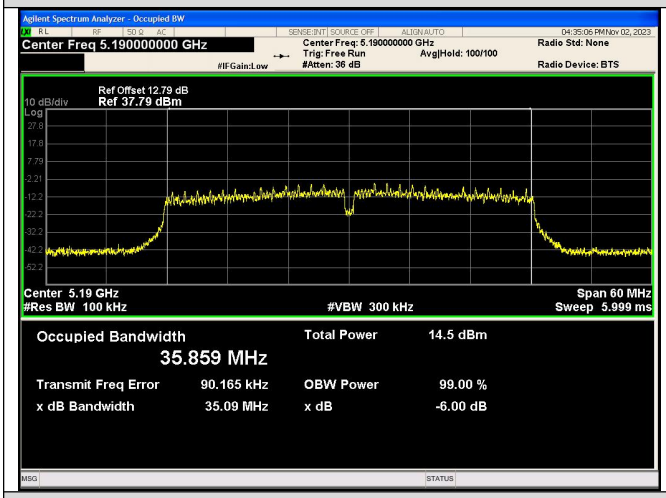
IEEE 802.11a_Channel 48_20MHz_Antenna 0



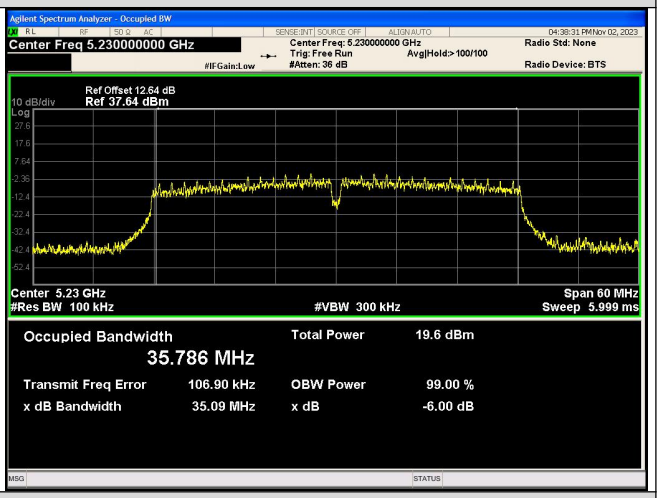
IEEE 802.11n_Channel 36_20MHz_Antenna 0



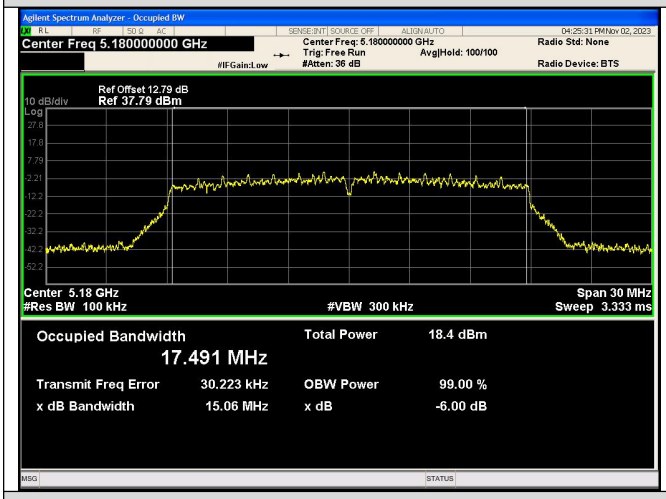
IEEE 802.11n_Channel 40_20MHz_Antenna 0



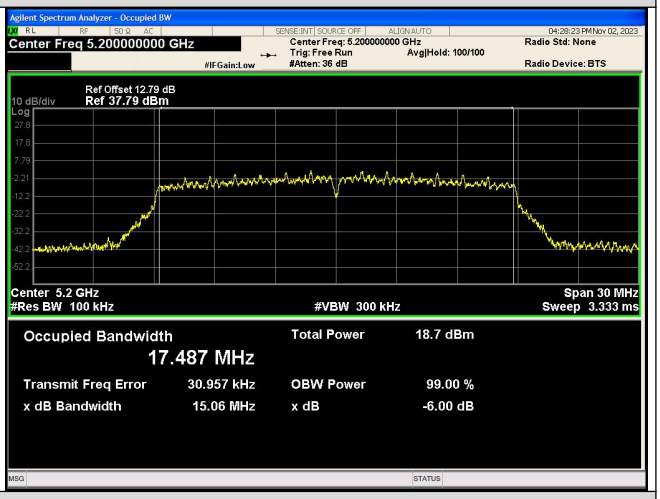
IEEE 802.11n_Channel 48_20MHz_Antenna 0



IEEE 802.11n_Channel 38_40MHz_Antenna 0

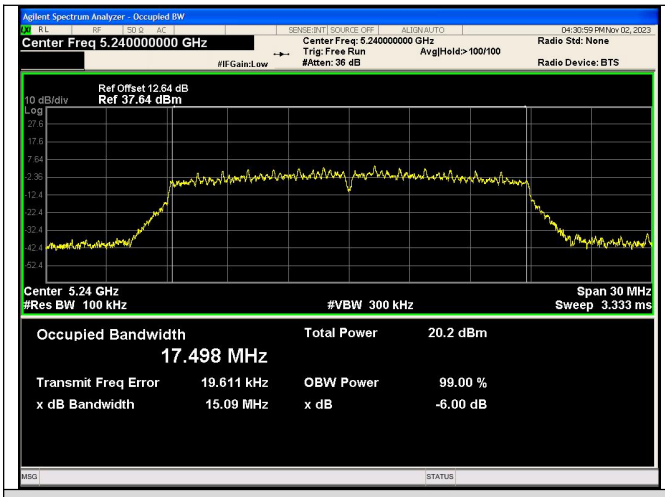


IEEE 802.11n_Channel 46_40MHz_Antenna 0

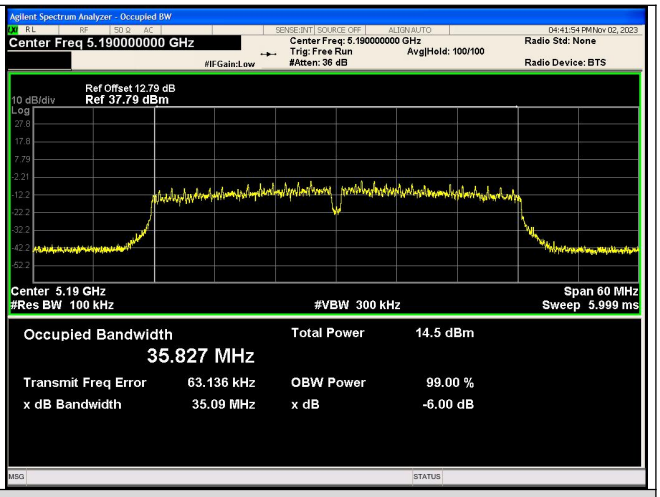


IEEE 802.11ac_Channel 36_20MHz_Antenna 0

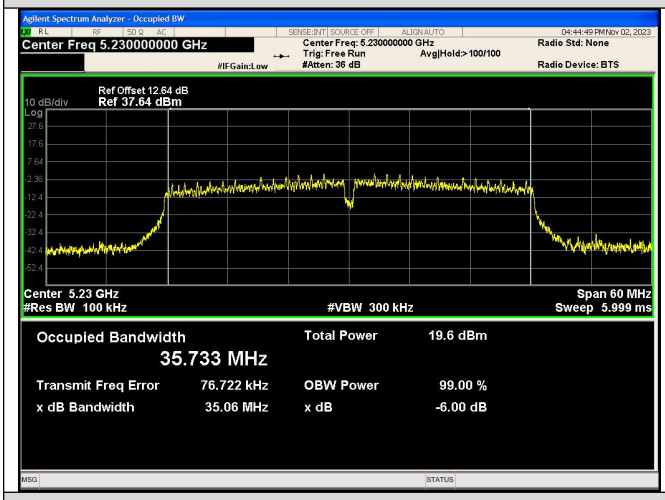
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



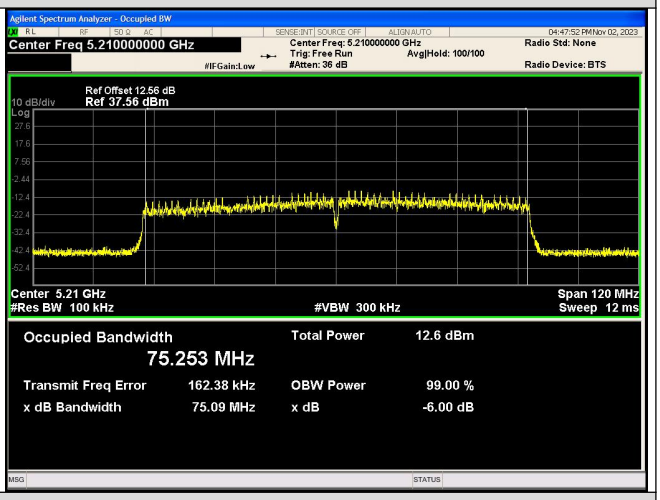
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



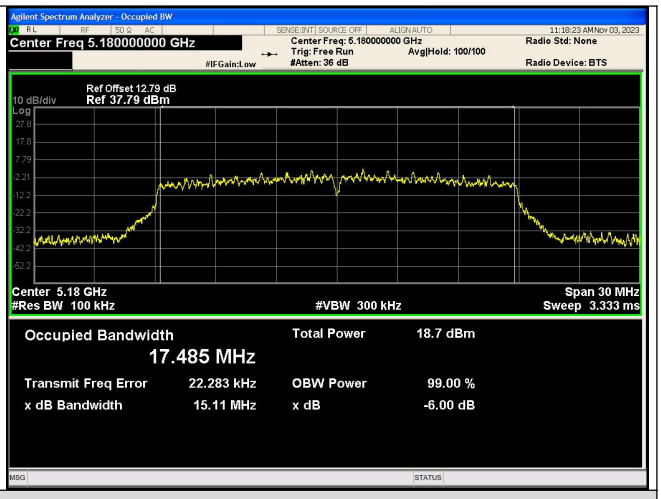
IEEE 802.11ac_Channel 42_80MHz_Antenna 0

Antenna 1+2:

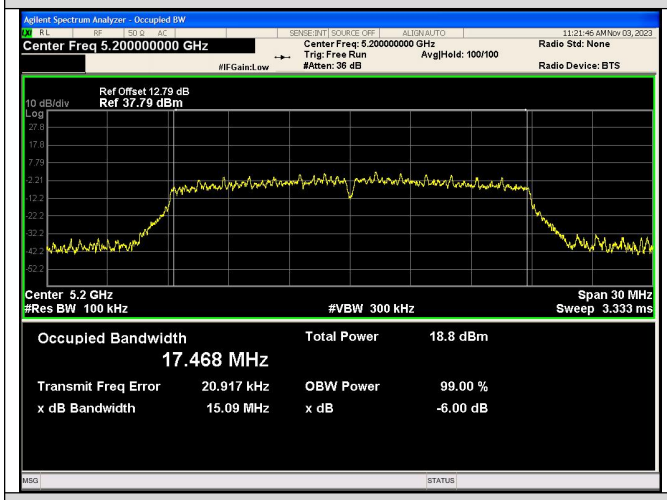
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11n_20	36	1+2	5180	15.11	0.5	PASS
	40		5200	15.09		PASS
	48		5240	15.09		PASS
IEEE 802.11n_40	38		5190	33.87		PASS
	46		5230	35.07		PASS
IEEE 802.11ac_20	36		5180	15.05		PASS
	40		5200	15.35		PASS
	48		5240	15.11		PASS
IEEE 802.11ac_40	38		5190	33.87		PASS
	46		5230	35.06		PASS
IEEE 802.11ac_80	42		5210	75.07		PASS

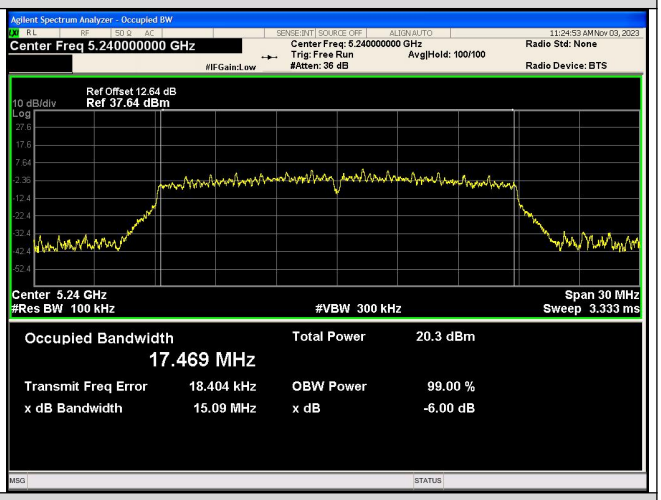
Test Graphs



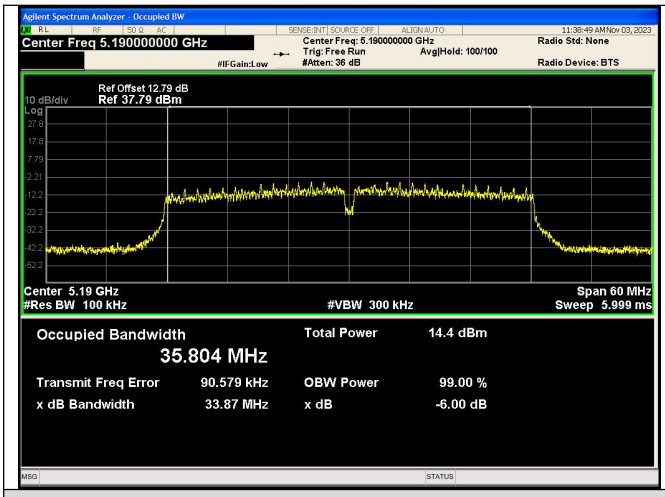
IEEE 802.11n_Channel 36_20MHz_Antenna 0



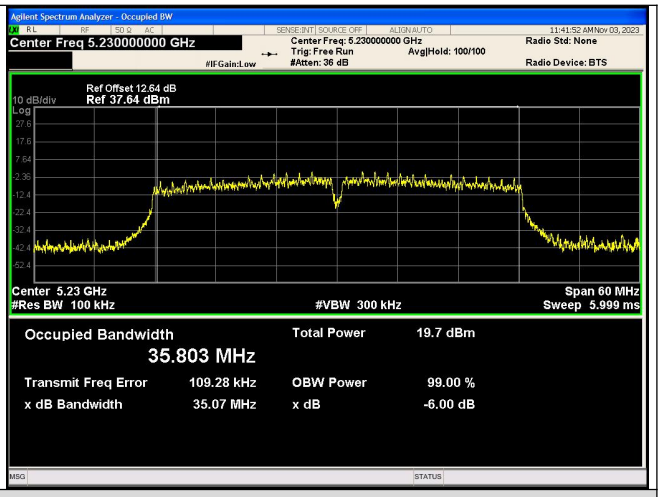
IEEE 802.11n_Channel 40_20MHz_Antenna 0



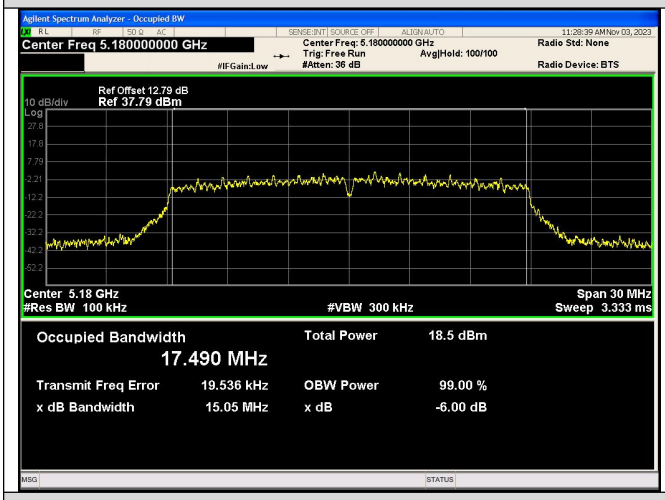
IEEE 802.11n_Channel 48_20MHz_Antenna 0



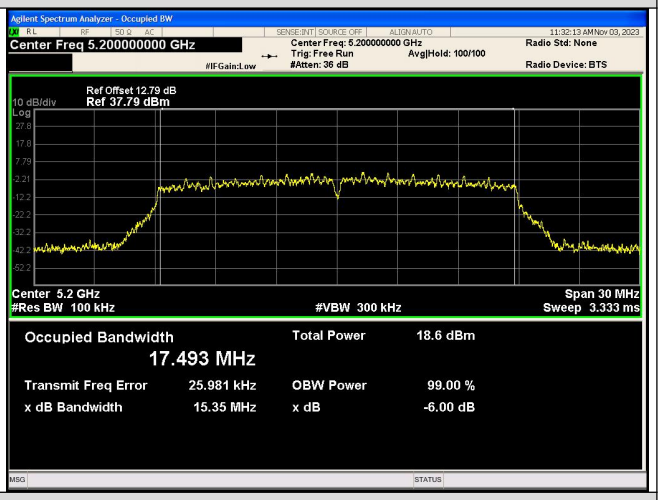
IEEE 802.11n_Channel 38_40MHz_Antenna 0



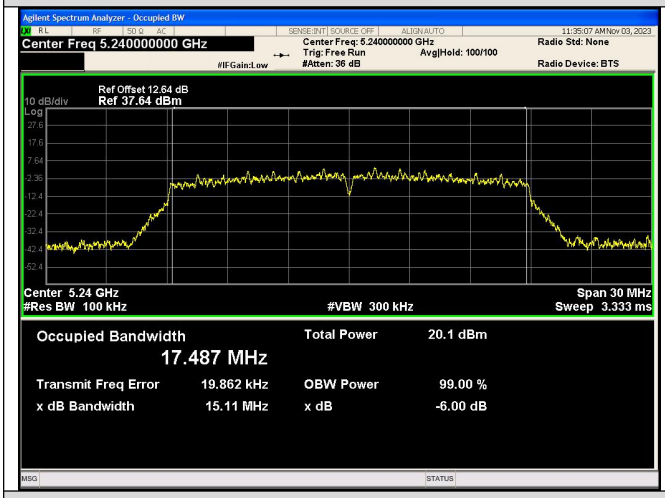
IEEE 802.11n_Channel 46_40MHz_Antenna 0



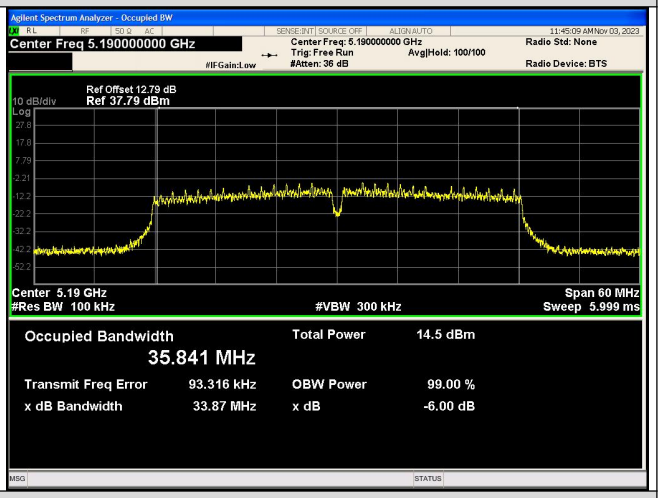
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



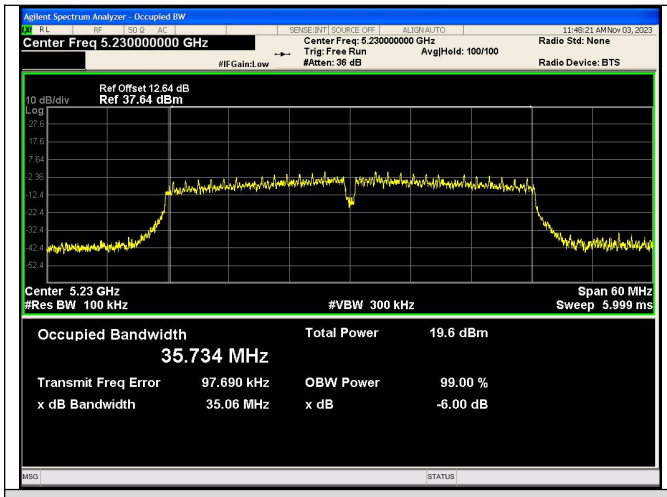
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



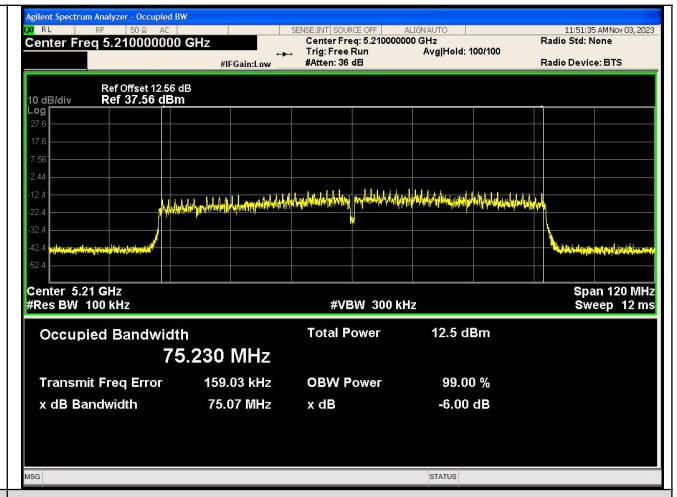
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 42_80MHz_Antenna 0

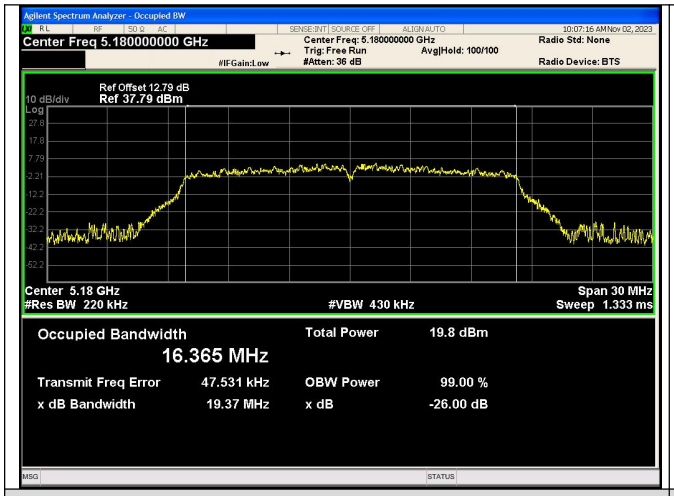
APPENDIX V.26dB Bandwidth

Antenna 1:

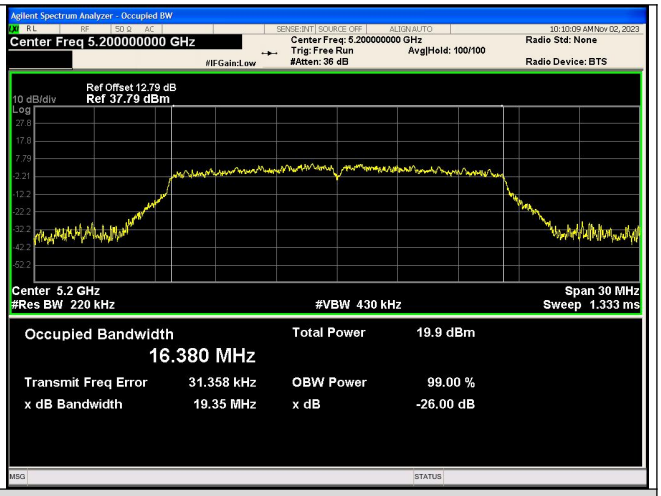
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	1	5180	19.37	1.11
	40		5200	19.35	1.12
	48		5240	19.65	1.09
IEEE 802.11n_20	36		5180	19.66	1.13
	40		5200	19.79	1.12
	48		5240	19.84	1.12
IEEE 802.11n_40	38		5190	40.20	1.04
	46		5230	39.56	1.05
IEEE 802.11ac_20	36		5180	19.81	1.11
	40		5200	19.67	1.12
	48		5240	19.76	1.12
IEEE 802.11ac_40	38		5190	39.11	1.07
	46		5230	39.20	1.07
IEEE 802.11ac_80	42		5210	81.03	1.03

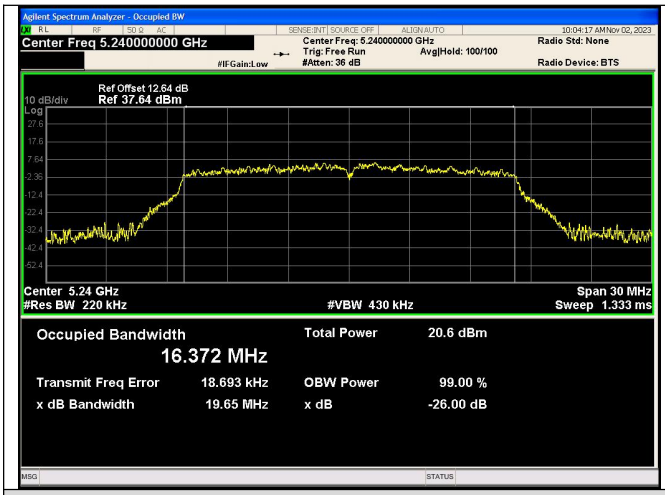
Test Graphs



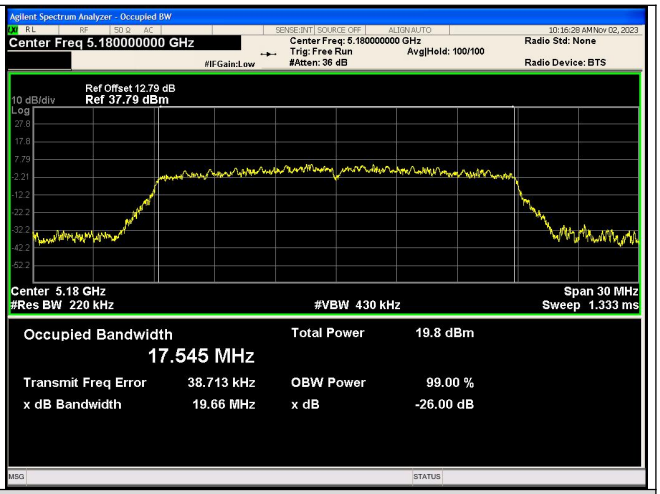
IEEE 802.11a_Channel 36_20MHz_Antenna 0



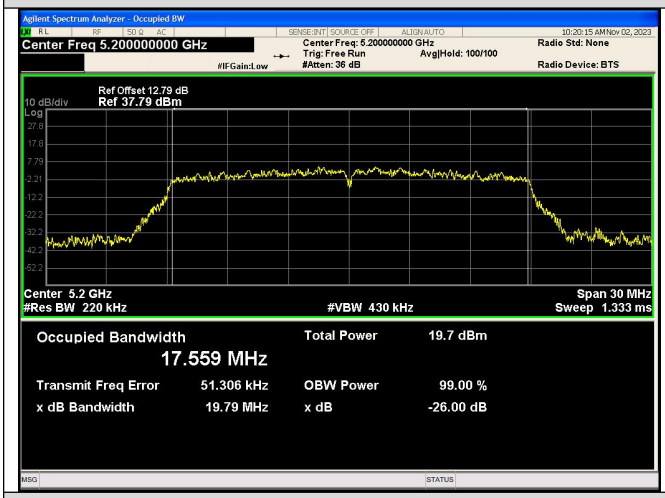
IEEE 802.11a_Channel 40_20MHz_Antenna 0



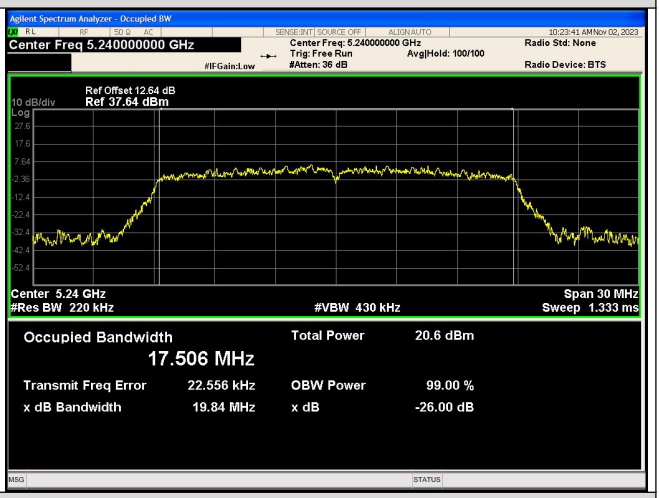
IEEE 802.11a_Channel 48_20MHz_Antenna 0



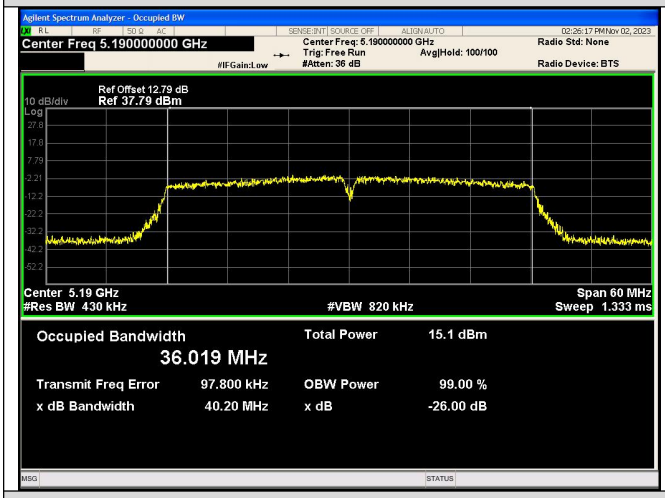
IEEE 802.11n_Channel 36_20MHz_Antenna 0



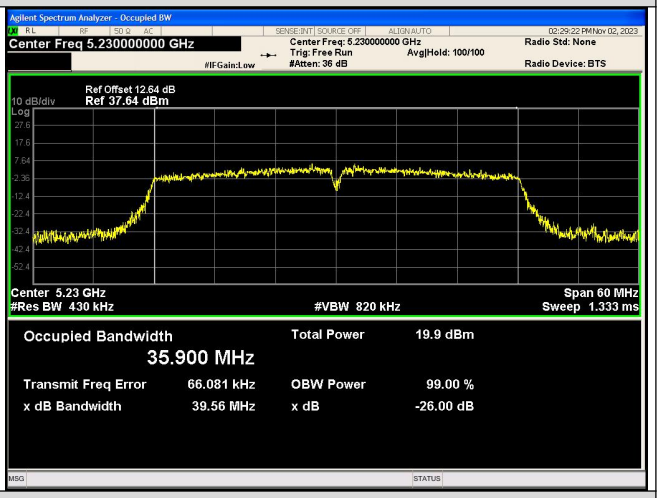
IEEE 802.11n_Channel 40_20MHz_Antenna 0



IEEE 802.11n_Channel 48_20MHz_Antenna 0



IEEE 802.11n_Channel 38_40MHz_Antenna 0



IEEE 802.11n_Channel 46_40MHz_Antenna 0