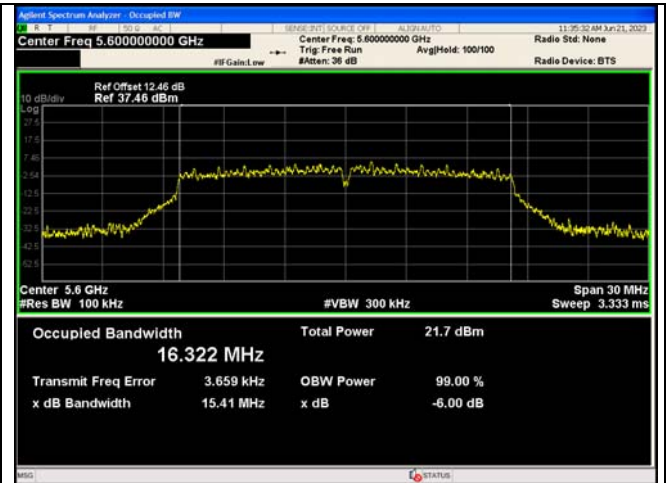
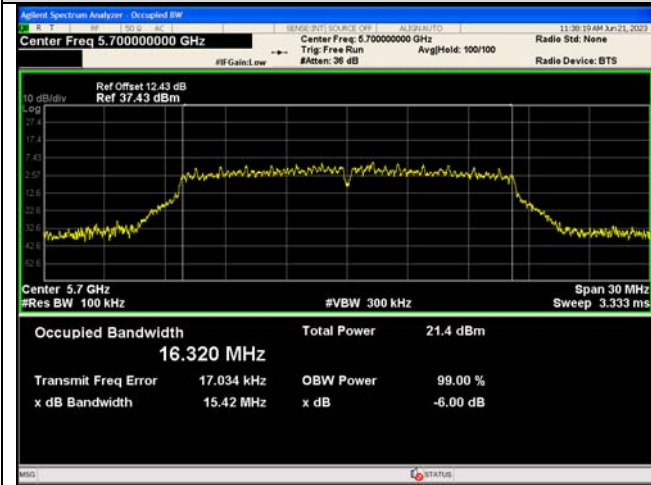


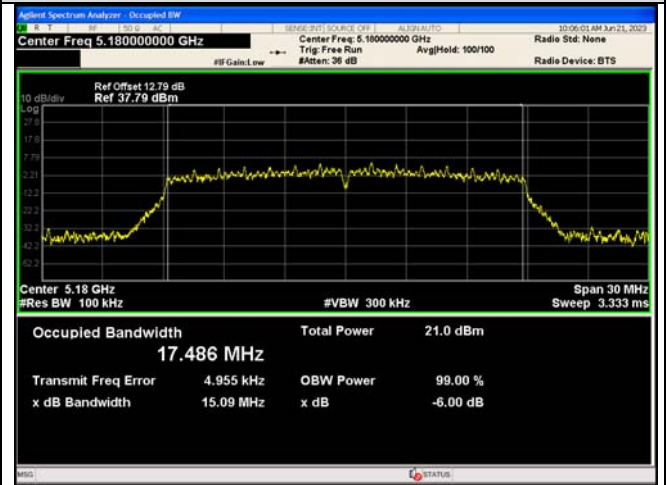
IEEE 802.11a_Channel 100_20MHz_Antenna 0



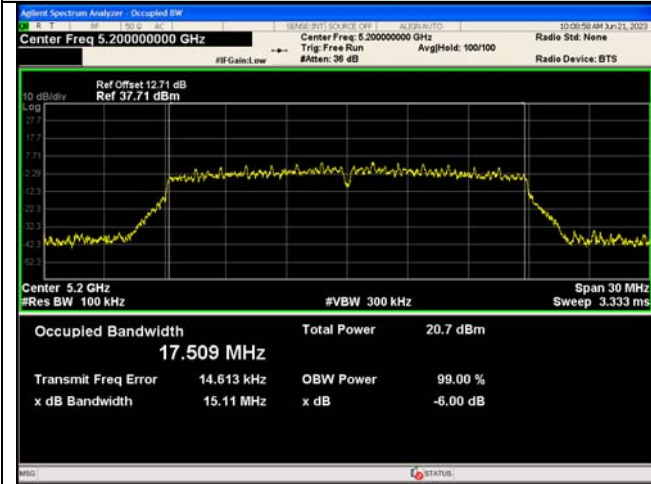
IEEE 802.11a_Channel 120_20MHz_Antenna 0



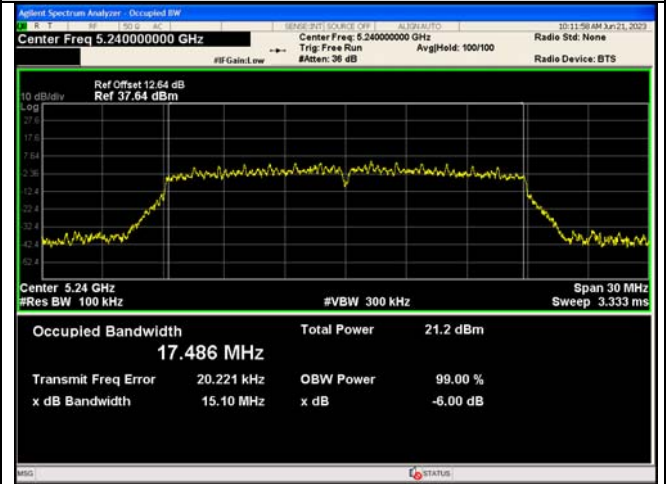
IEEE 802.11a_Channel 140_20MHz_Antenna 0



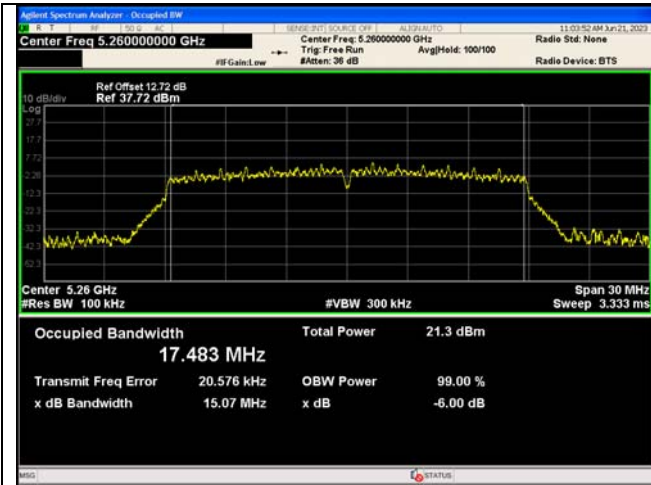
IEEE 802.11n_Channel 36_20MHz_Antenna 0



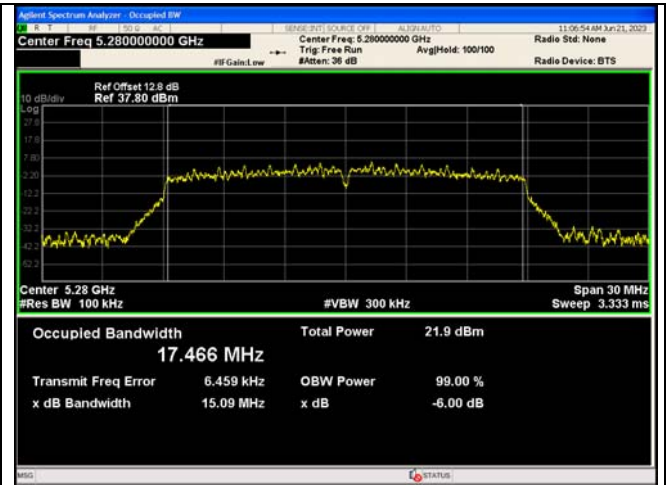
IEEE 802.11n_Channel 40_20MHz_Antenna 0



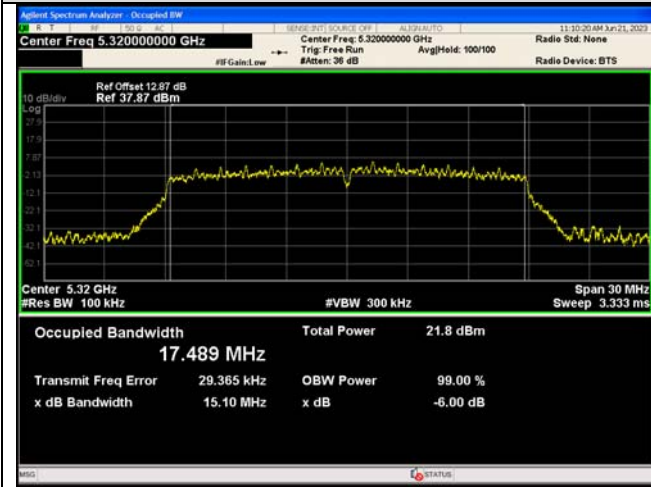
IEEE 802.11n_Channel 48_20MHz_Antenna 0



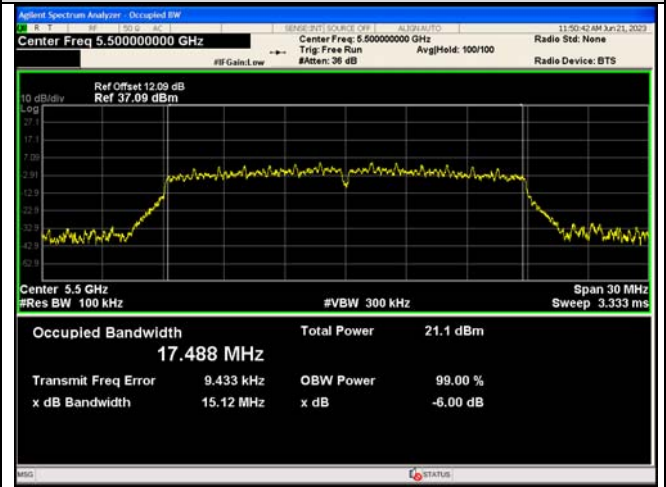
IEEE 802.11n_Channel 52_20MHz_Antenna 0



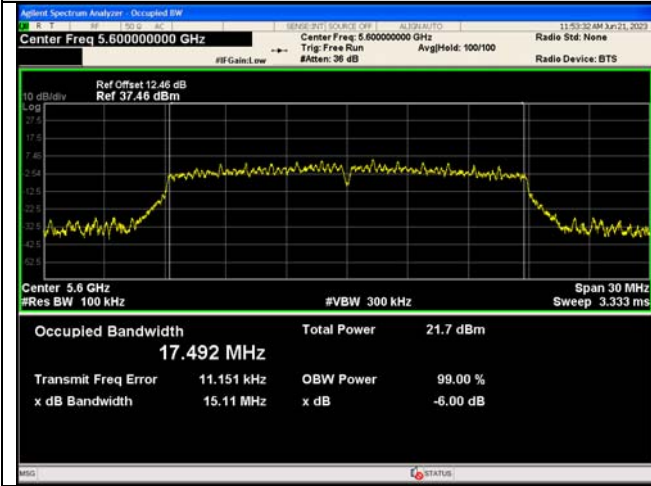
IEEE 802.11n_Channel 56_20MHz_Antenna 0



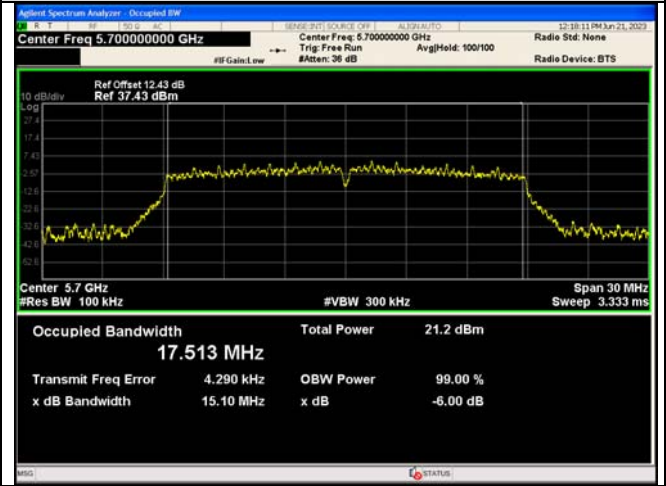
IEEE 802.11n_Channel 64_20MHz_Antenna 0



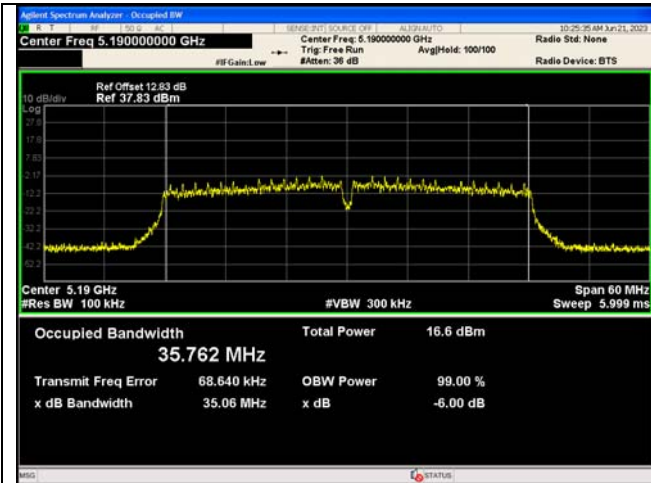
IEEE 802.11n_Channel 100_20MHz_Antenna 0



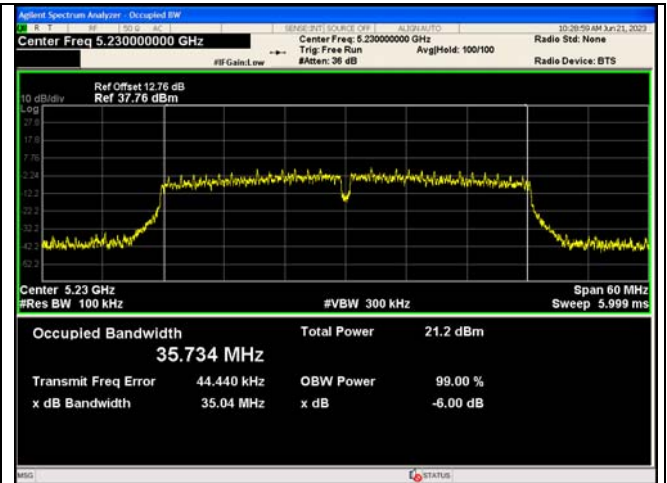
IEEE 802.11n_Channel 120_20MHz_Antenna 0



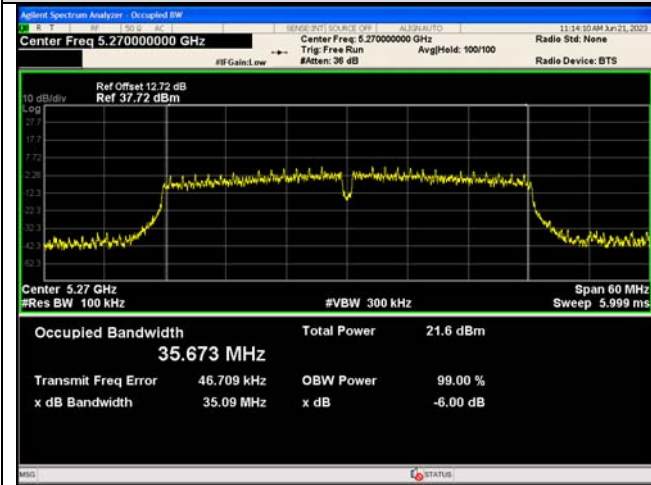
IEEE 802.11n_Channel 140_20MHz_Antenna 0



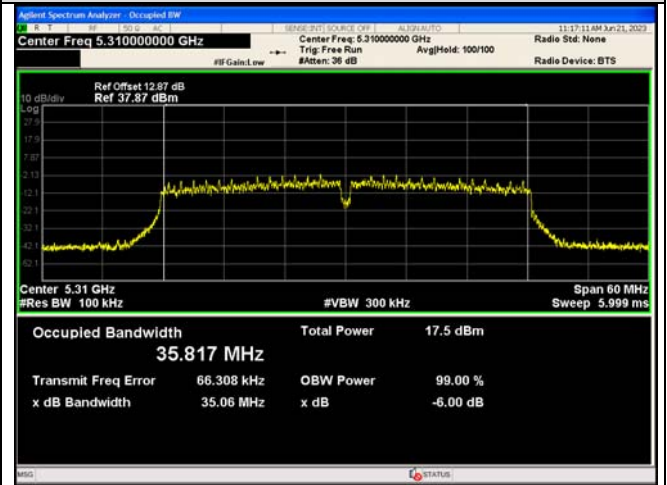
IEEE 802.11n_Channel 38_40MHz_Antenna 0



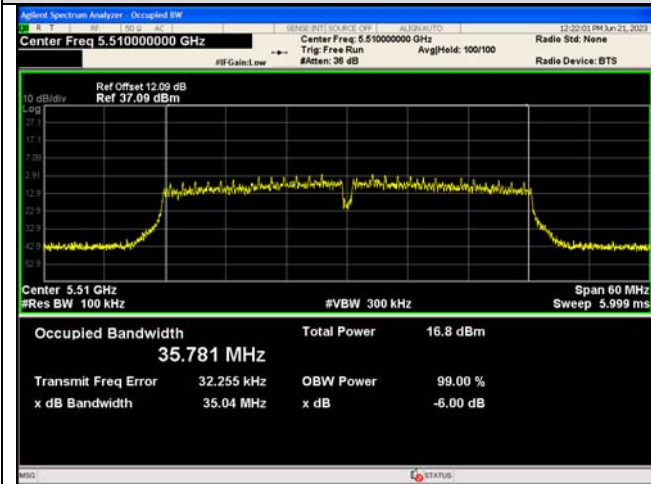
IEEE 802.11n_Channel 46_40MHz_Antenna 0



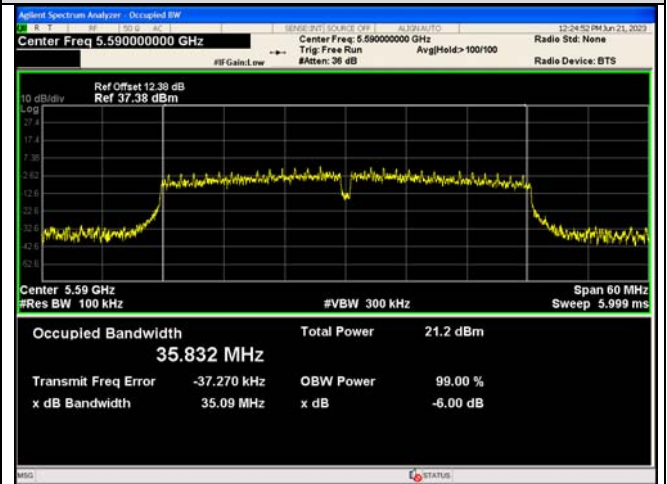
IEEE 802.11n_Channel 54_40MHz_Antenna 0



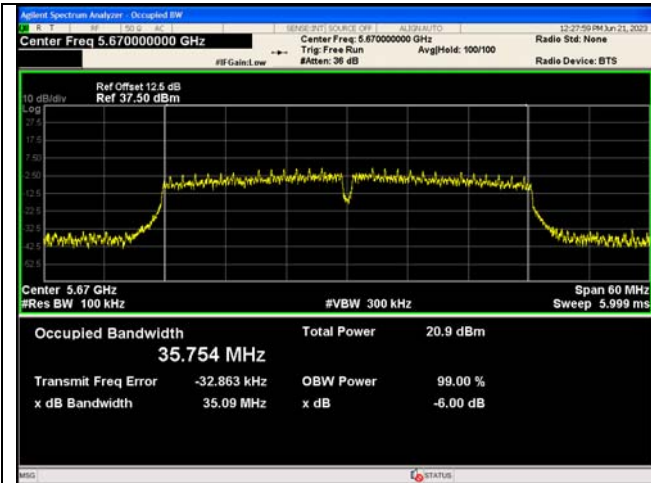
IEEE 802.11n_Channel 62_40MHz_Antenna 0



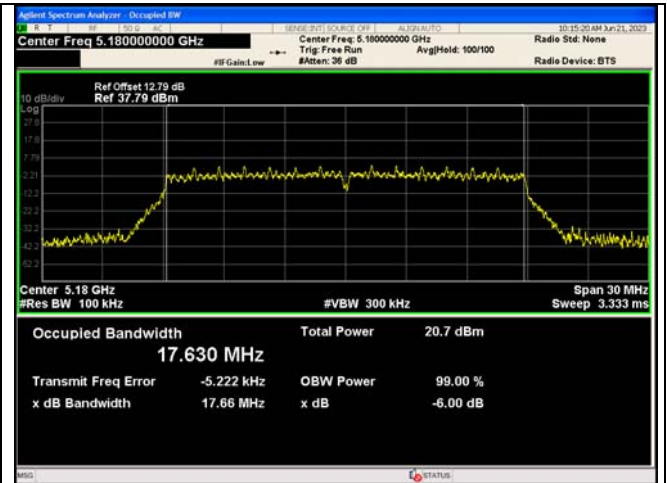
IEEE 802.11n_Channel 102_40MHz_Antenna 0



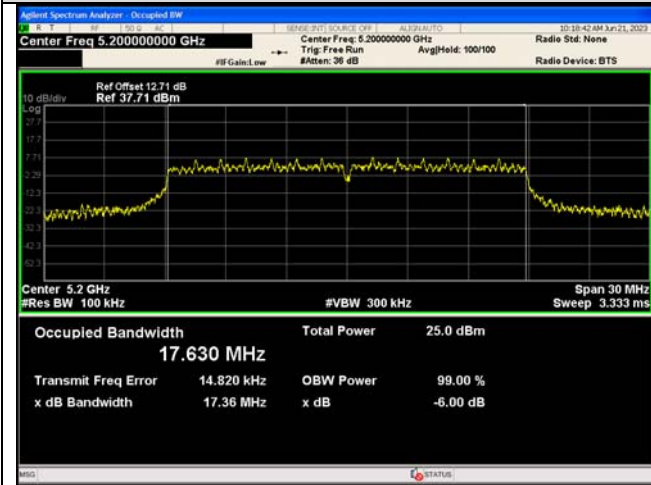
IEEE 802.11n_Channel 118_40MHz_Antenna 0



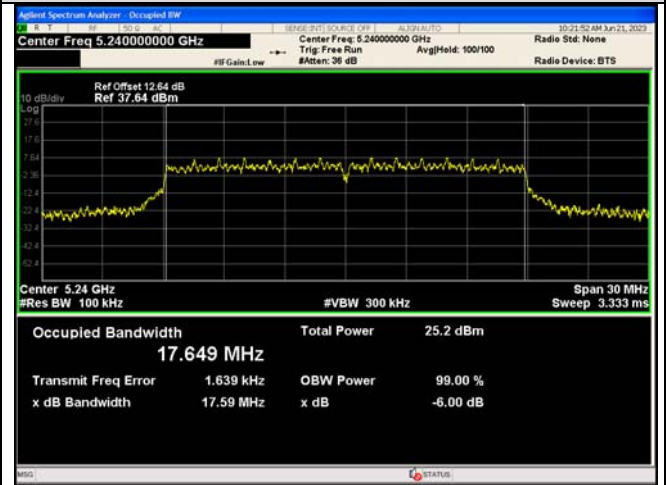
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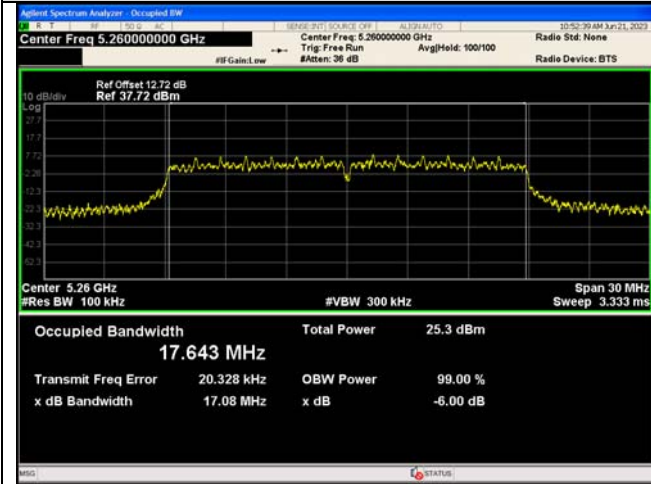
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



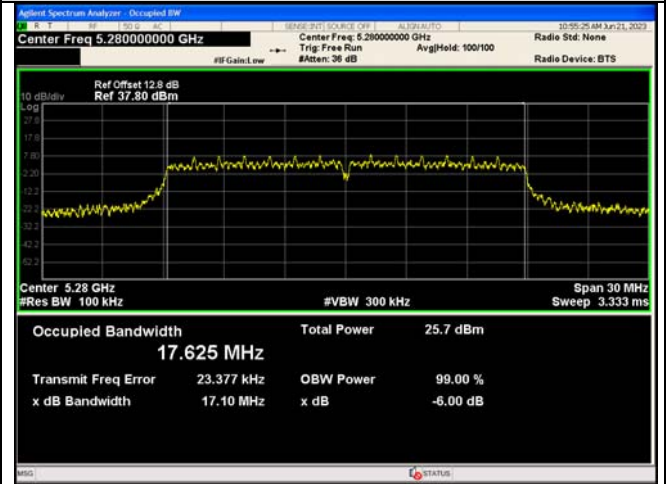
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



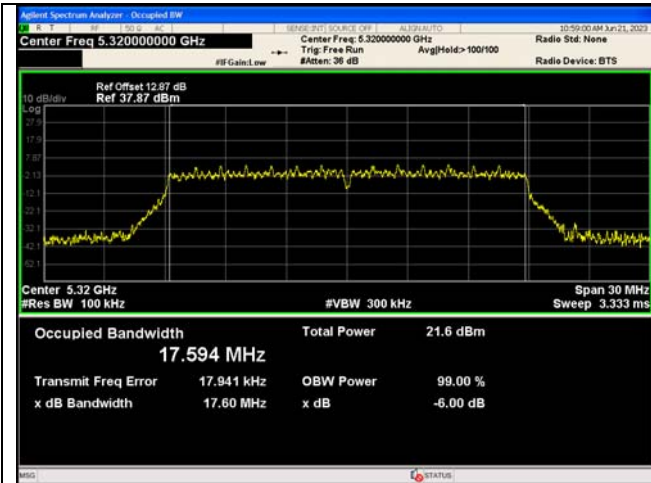
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



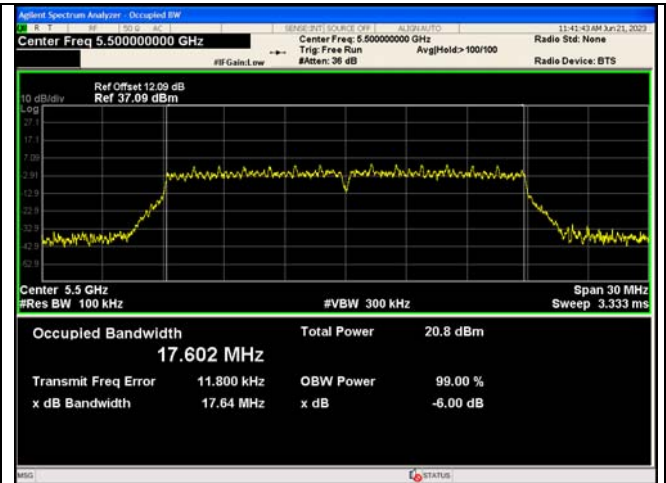
IEEE 802.11ac_Channel 52_20MHz_Antenna 0



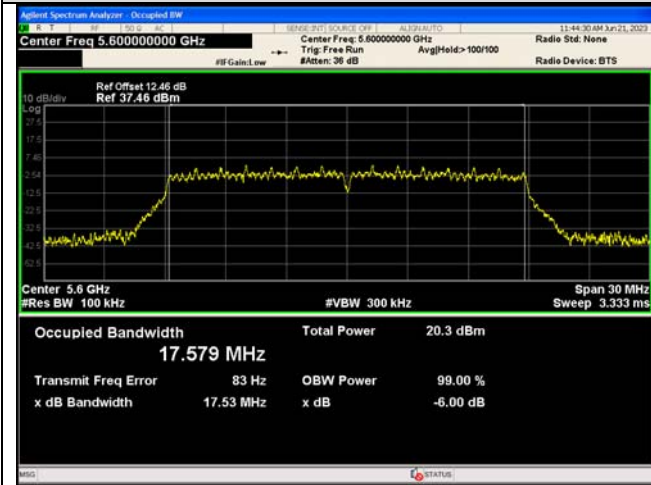
IEEE 802.11ac_Channel 56_20MHz_Antenna 0



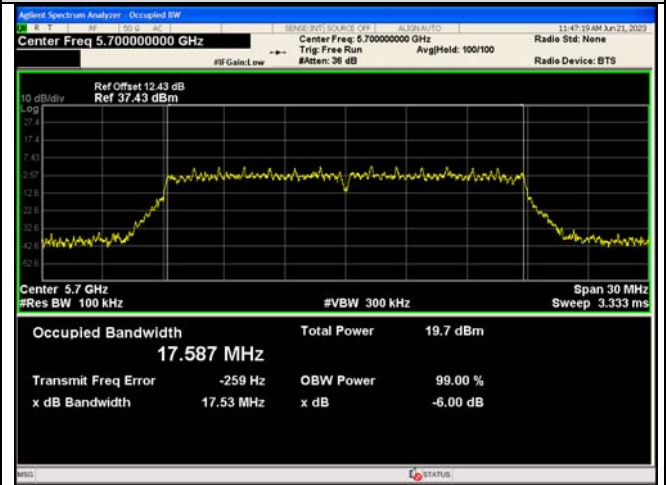
IEEE 802.11ac_Channel 64_20MHz_Antenna 0



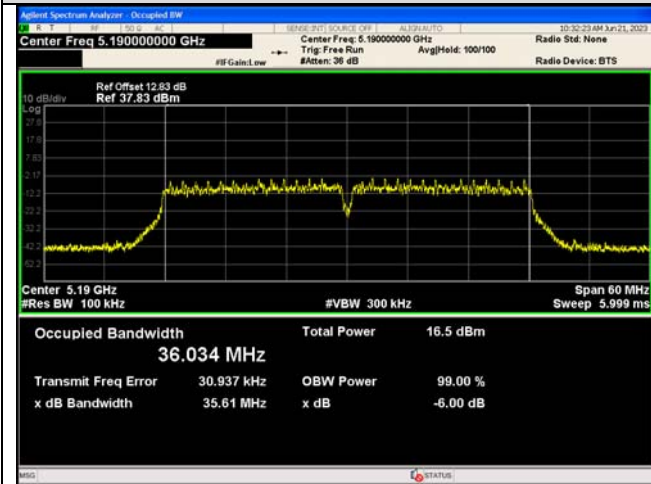
IEEE 802.11ac_Channel 100_20MHz_Antenna 0



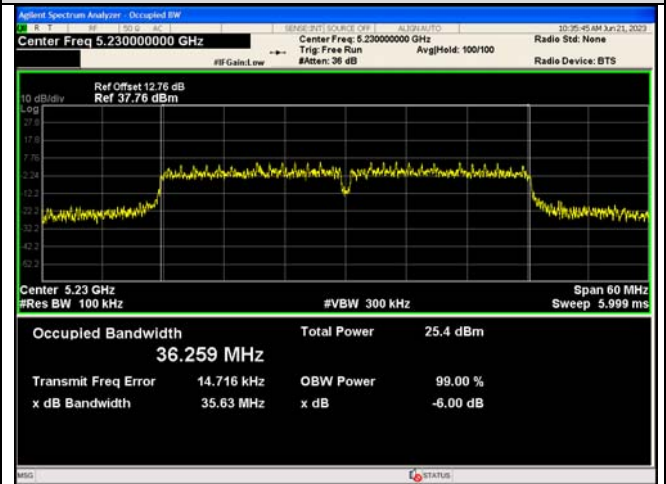
IEEE 802.11ac_Channel 120_20MHz_Antenna 0



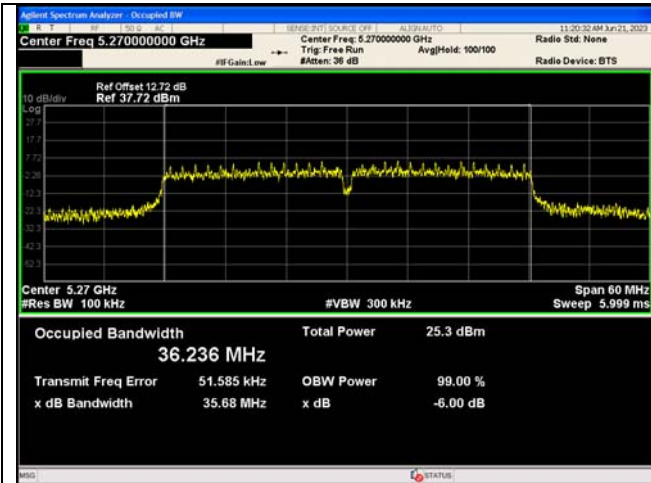
IEEE 802.11ac_Channel 140_20MHz_Antenna 0



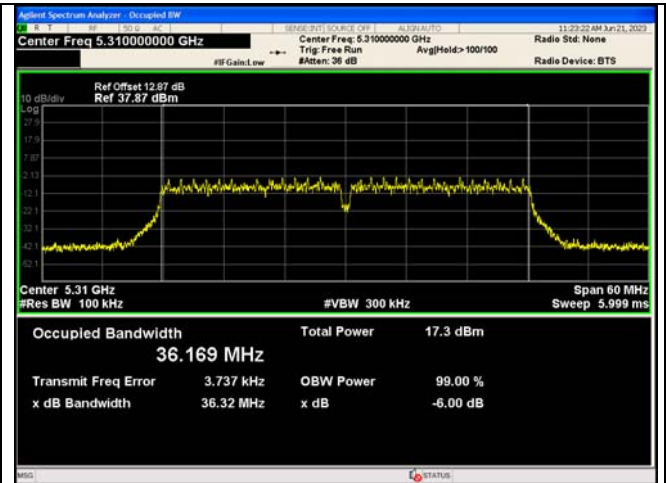
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



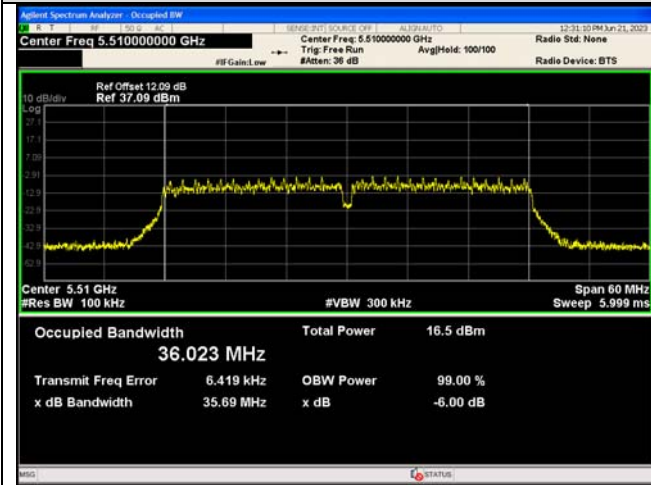
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



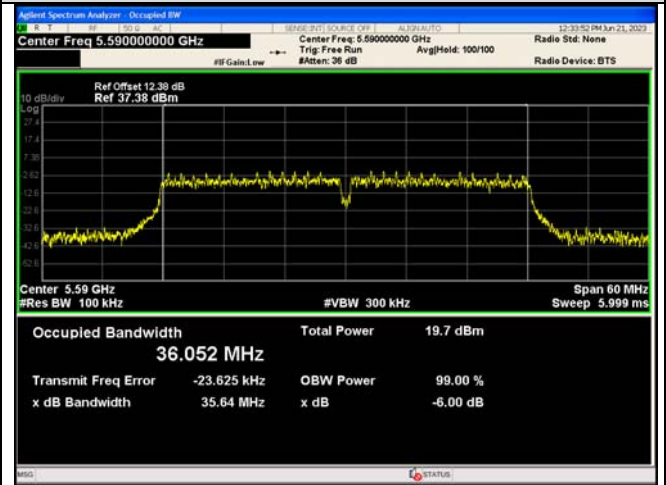
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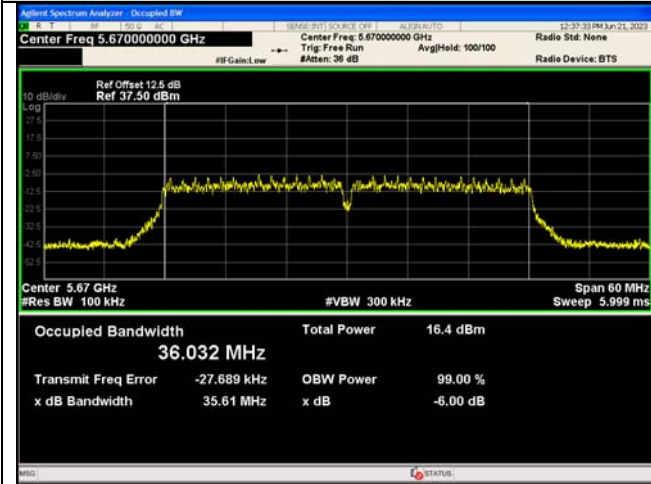
IEEE 802.11ac_Channel 62_40MHz_Antenna 0



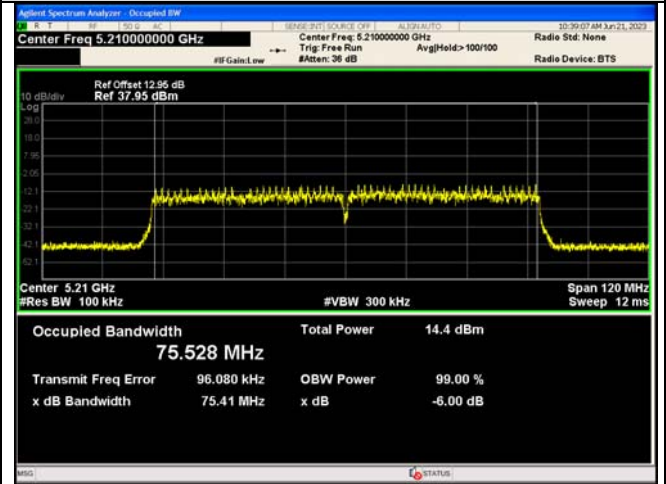
IEEE 802.11ac_Channel 102_40MHz_Antenna 0



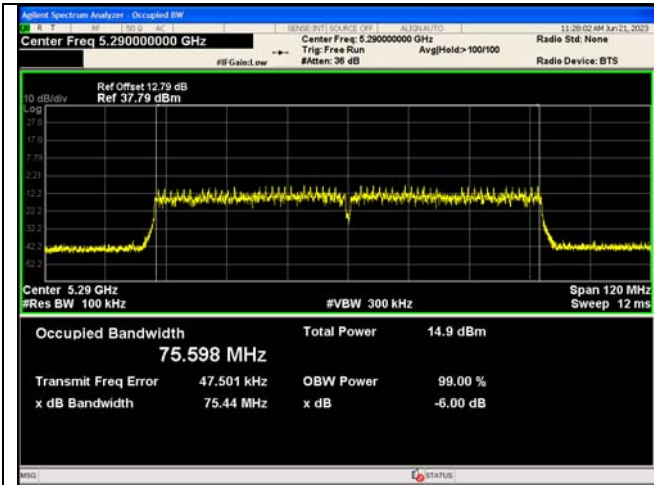
IEEE 802.11ac_Channel 118_40MHz_Antenna 0



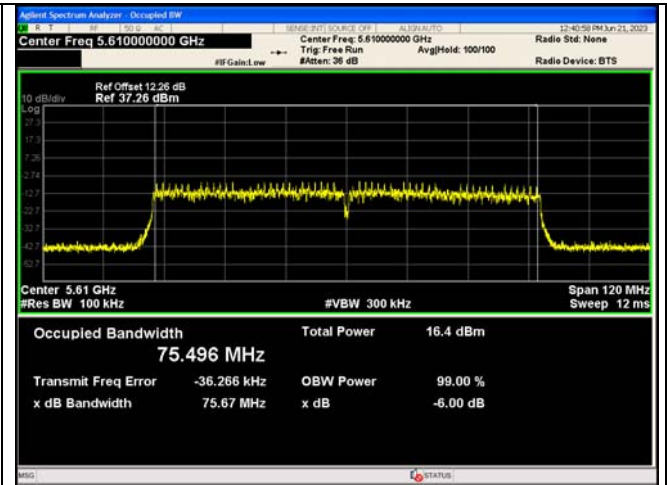
IEEE 802.11ac_Channel 134_40MHz_Antenna 0



IEEE 802.11ac_Channel 42_80MHz_Antenna 0



IEEE 802.11ac_Channel 58_80MHz_Antenna 0

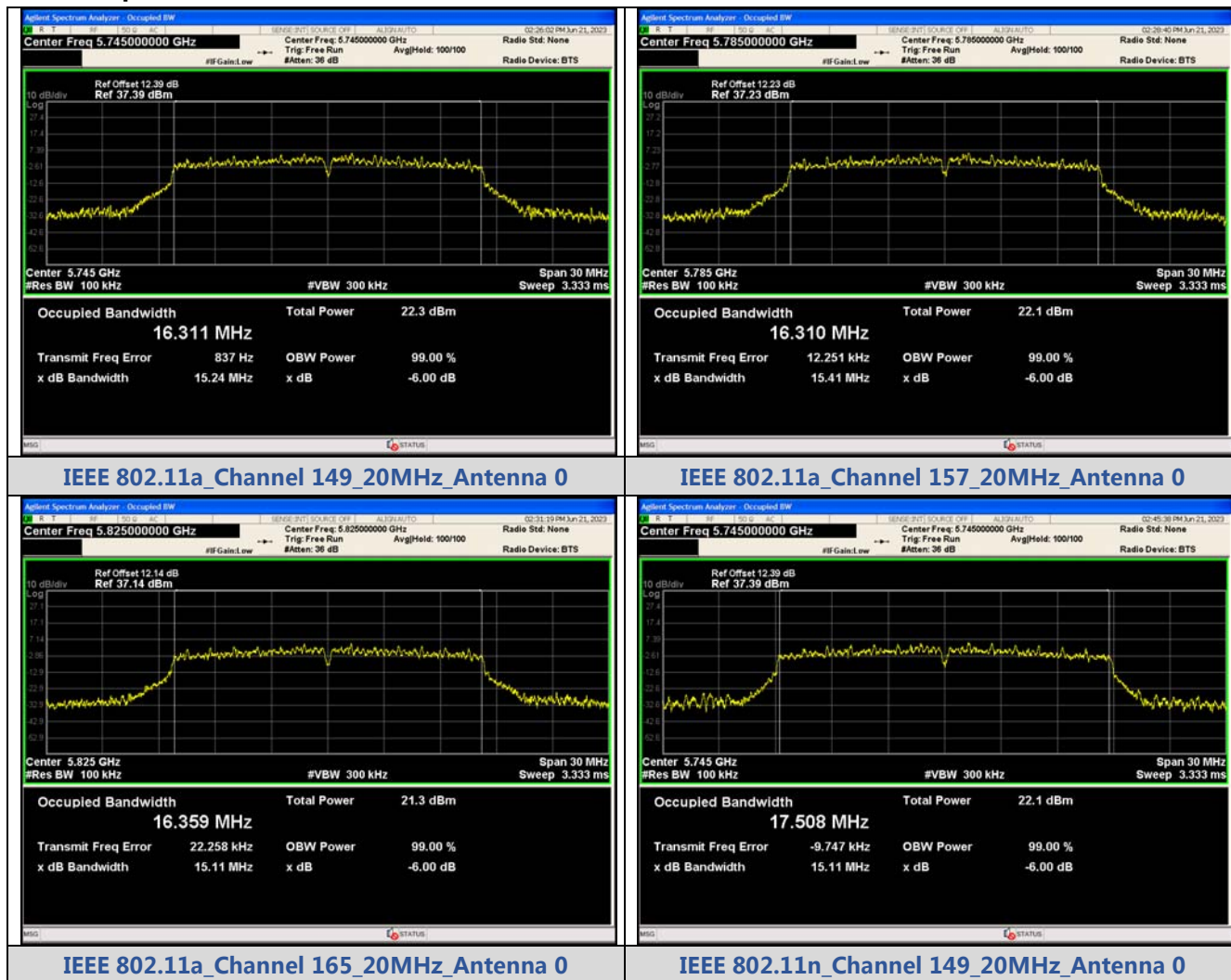


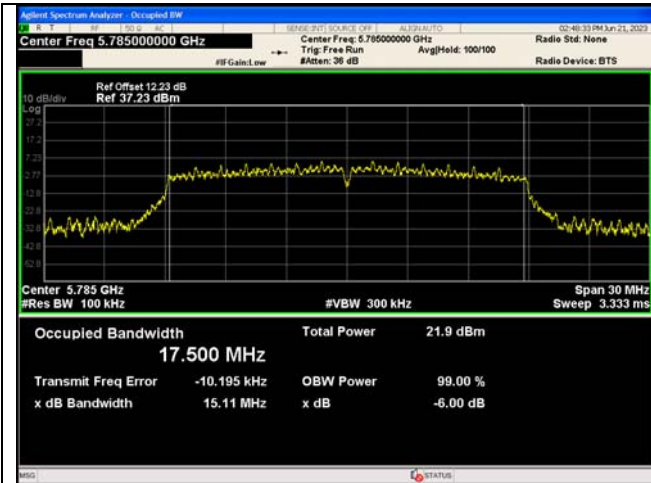
IEEE 802.11ac_Channel 122_80MHz_Antenna 0

Test Result

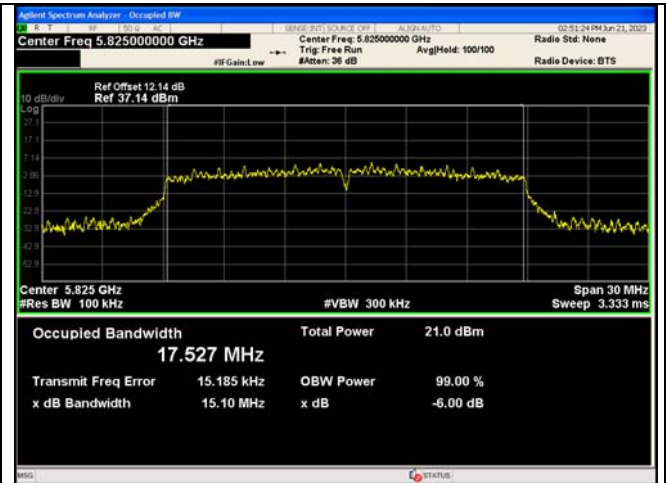
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	15.24	0.5	PASS
	157		5785	15.41		PASS
	165		5825	15.11		PASS
IEEE 802.11n_20	149		5745	15.11		PASS
	157		5785	15.11		PASS
	165		5825	15.10		PASS
IEEE 802.11n_40	151		5755	35.10		PASS
	159		5795	35.06		PASS
IEEE 802.11ac_20	149		5745	17.59		PASS
	157		5785	17.30		PASS
	165		5825	17.67		PASS
IEEE 802.11ac_40	151		5755	36.18		PASS
	159	5795	35.43	PASS		
IEEE 802.11ac_80	155	5775	75.71	PASS		

Test Graphs

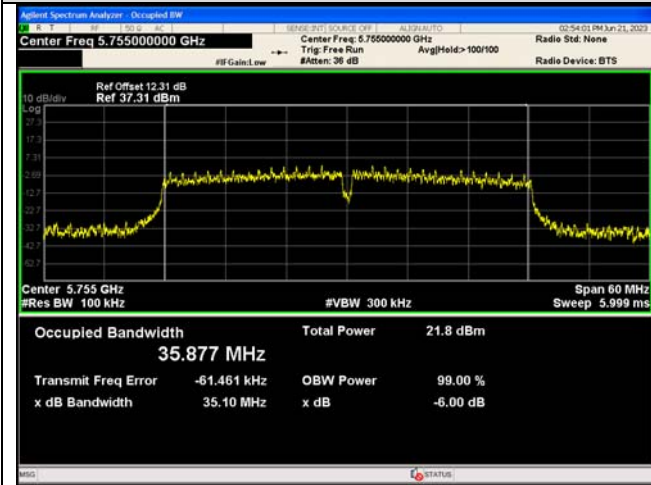




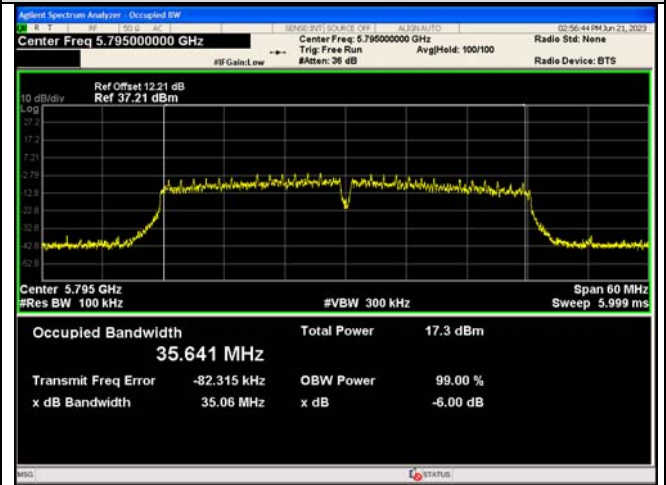
IEEE 802.11n_Channel 157_20MHz_Antenna 0



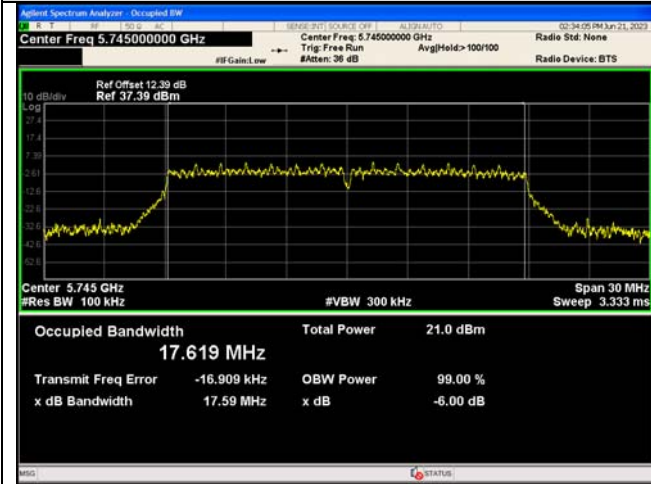
IEEE 802.11n_Channel 165_20MHz_Antenna 0



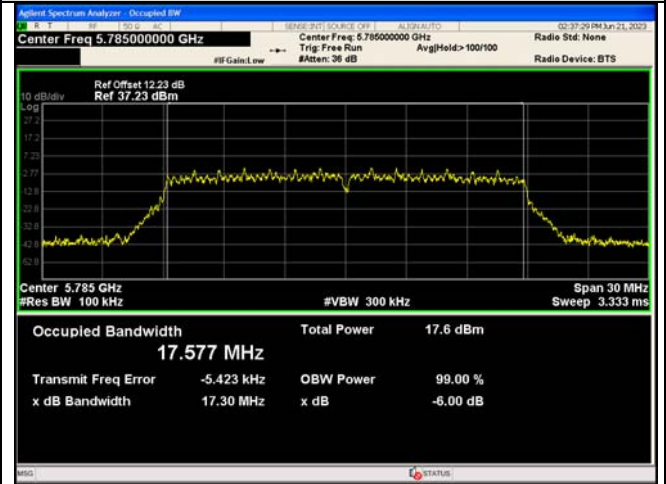
IEEE 802.11n_Channel 151_40MHz_Antenna 0



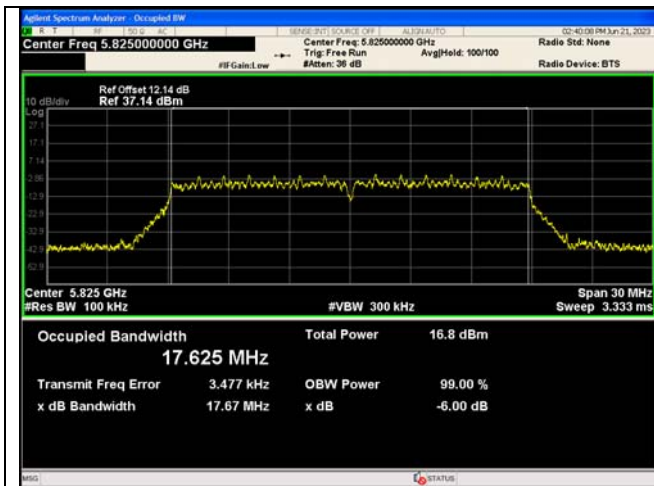
IEEE 802.11n_Channel 159_40MHz_Antenna 0



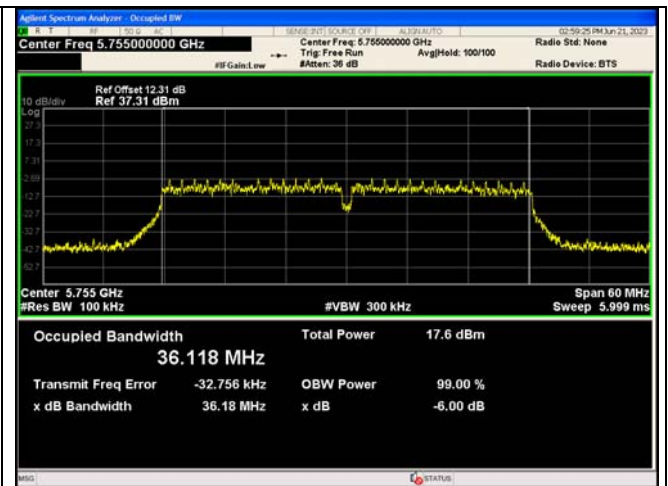
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



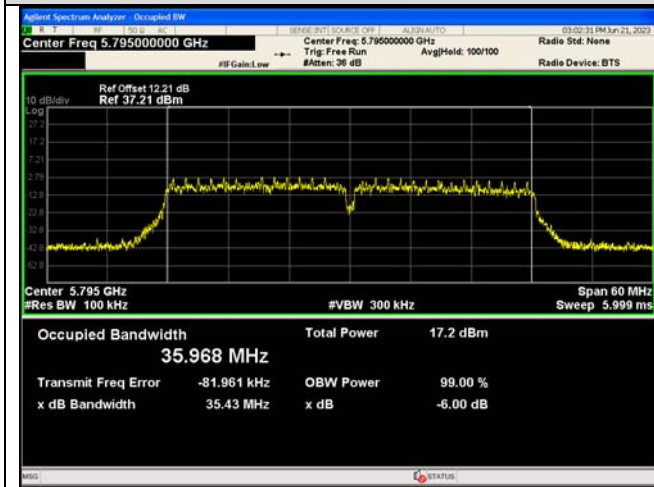
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



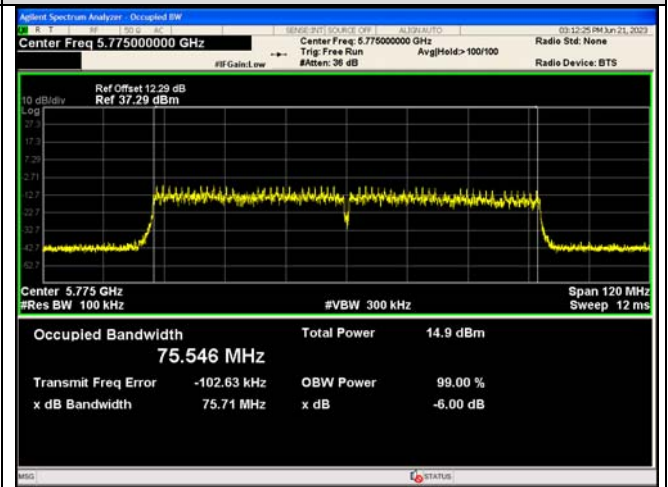
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 155_80MHz_Antenna 0

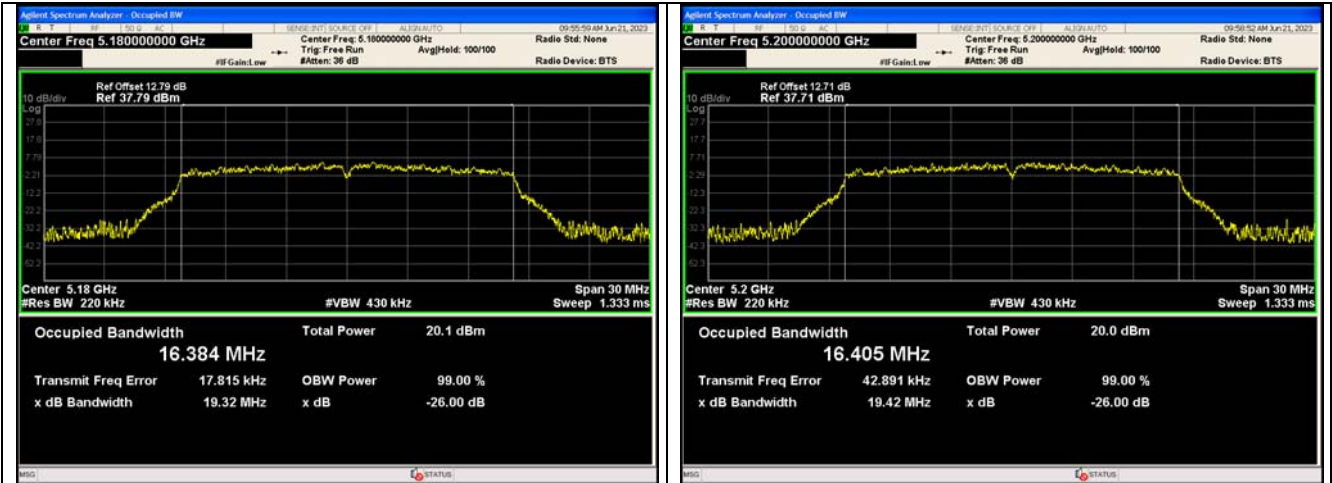
APPENDIX V.26dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	0	5180	19.32	1.12
	40		5200	19.42	1.11
	48		5240	19.40	1.11
	52		5260	19.39	1.12
	56		5280	19.30	1.12
	64		5320	19.57	1.1
	100		5500	19.30	1.12
	120		5600	19.52	1.11
	140		5700	19.41	1.11
IEEE 802.11n_20	36	0	5180	19.96	1.1
	40		5200	19.90	1.11
	48		5240	19.84	1.12
	52		5260	19.93	1.11
	56		5280	19.85	1.11
	64		5320	19.77	1.12
	100		5500	19.63	1.13
	120		5600	19.71	1.12
	140		5700	19.72	1.12
IEEE 802.11n_40	38	0	5190	39.73	1.06
	46		5230	39.50	1.06
	54		5270	39.34	1.07
	62		5310	40.31	1.04
	102		5510	39.40	1.06
	118		5590	40.19	1.04
	134		5670	39.81	1.04
IEEE 802.11ac_20	36	0	5180	19.96	1.11
	40		5200	26.80	1.12
	48		5240	26.17	1.15
	52		5260	26.62	1.13
	56		5280	26.12	1.15
	64		5320	20.08	1.1
	100		5500	20.12	1.1
	120		5600	19.96	1.12
	140		5700	19.96	1.11
IEEE 802.11ac_40	38	0	5190	40.74	1.05
	46		5230	59.83	1.03
	54		5270	59.49	1.03

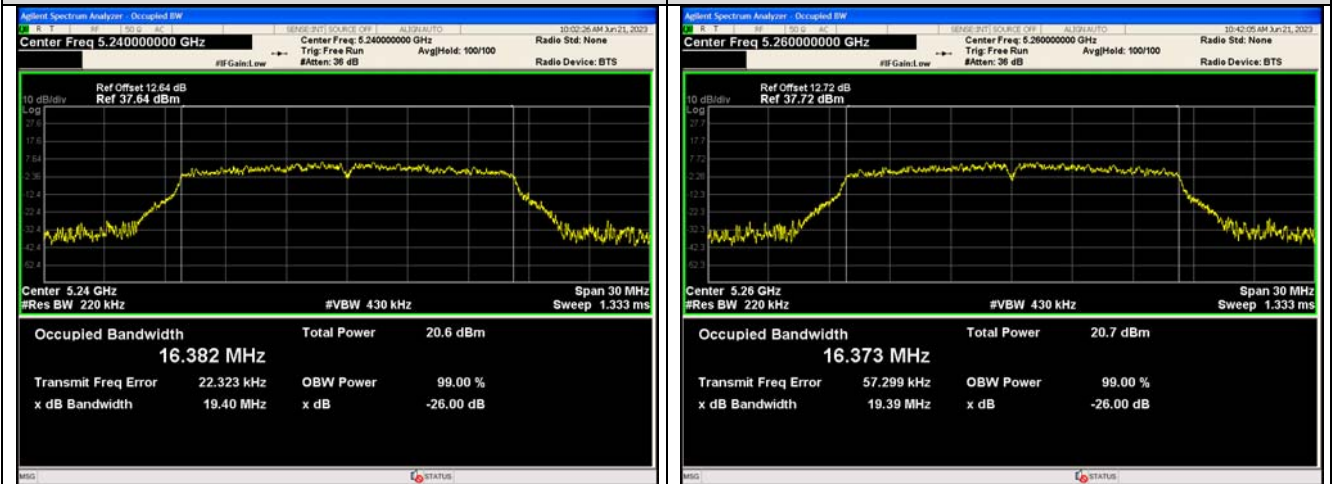
	62		5310	41.06	1.05
	102		5510	40.81	1.05
	118		5590	43.06	1.18
	134		5670	40.75	1.04
IEEE 802.11ac_80	42		5210	81.38	1.03
	58		5290	81.89	1.01
	122		5610	81.30	1.03

Test Graphs



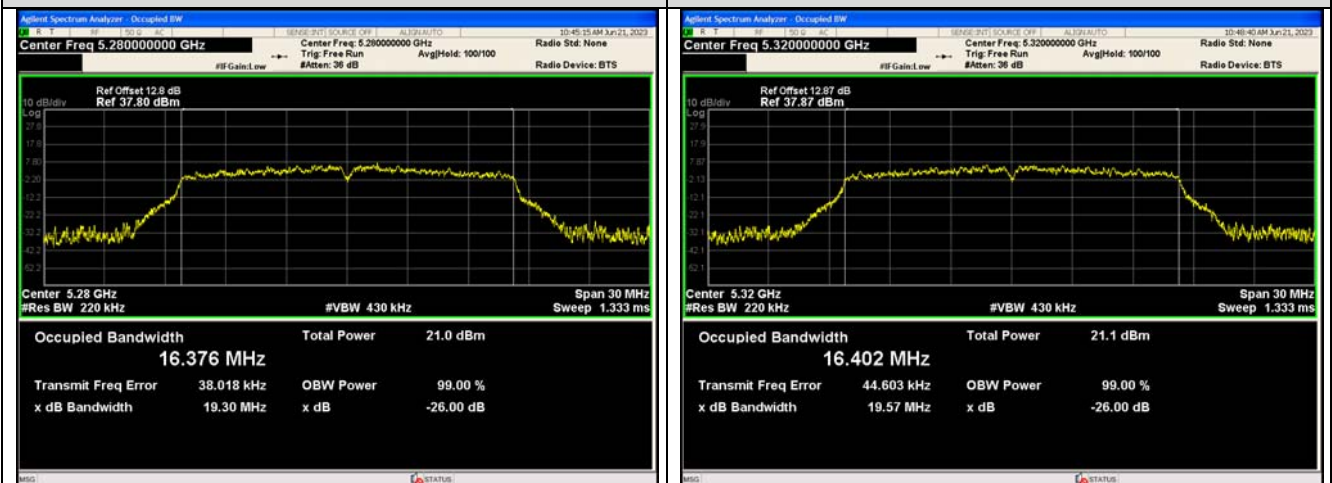
IEEE 802.11a_Channel 36_20MHz_Antenna 0

IEEE 802.11a_Channel 40_20MHz_Antenna 0



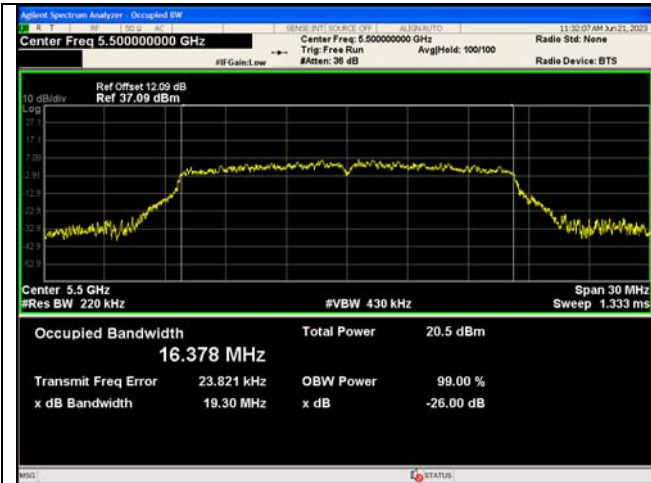
IEEE 802.11a_Channel 48_20MHz_Antenna 0

IEEE 802.11a_Channel 52_20MHz_Antenna 0

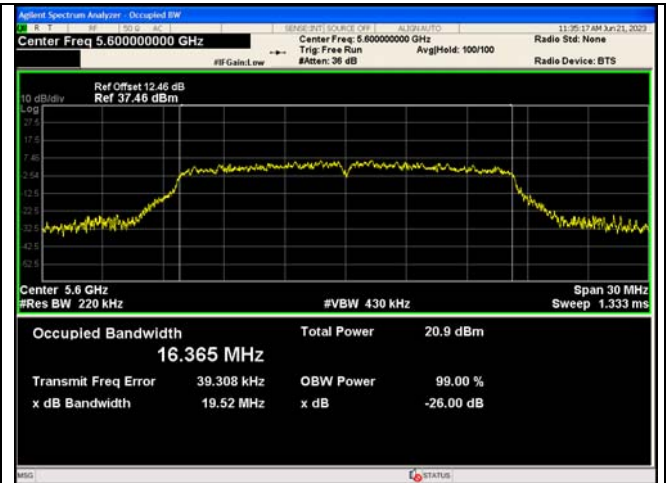


IEEE 802.11a_Channel 56_20MHz_Antenna 0

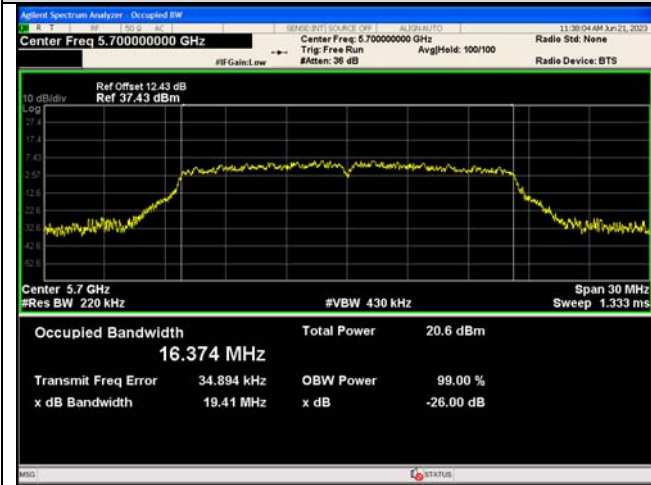
IEEE 802.11a_Channel 64_20MHz_Antenna 0



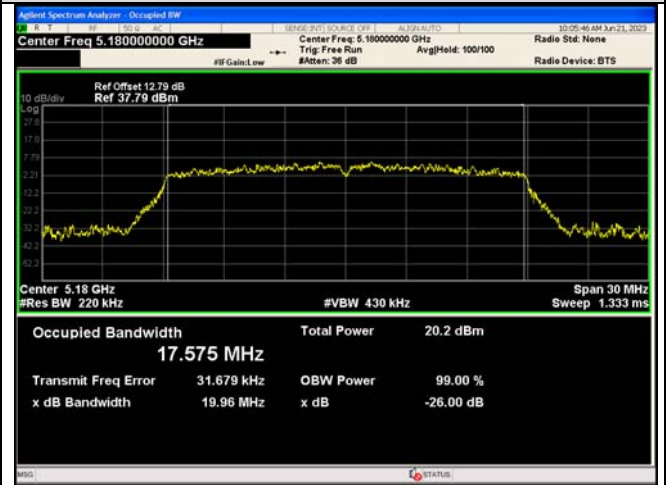
IEEE 802.11a_Channel 100_20MHz_Antenna 0



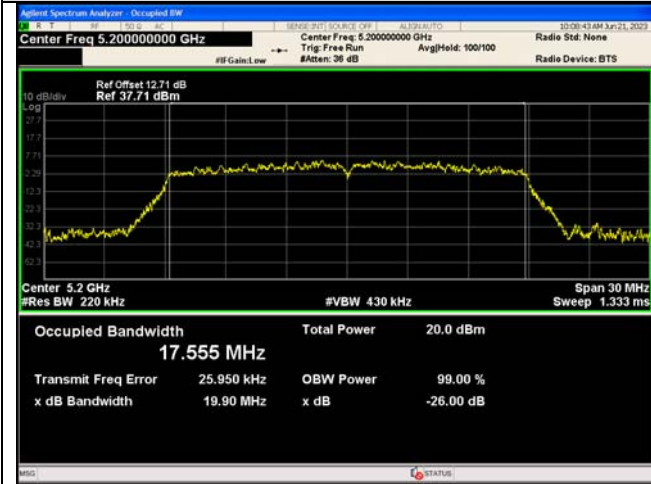
IEEE 802.11a_Channel 120_20MHz_Antenna 0



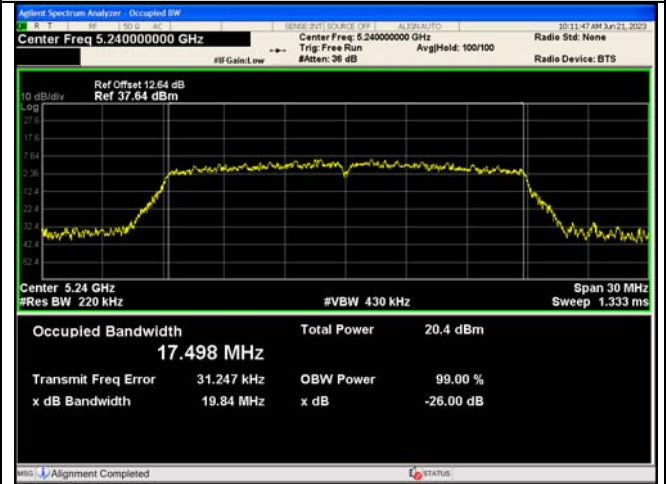
IEEE 802.11a_Channel 140_20MHz_Antenna 0



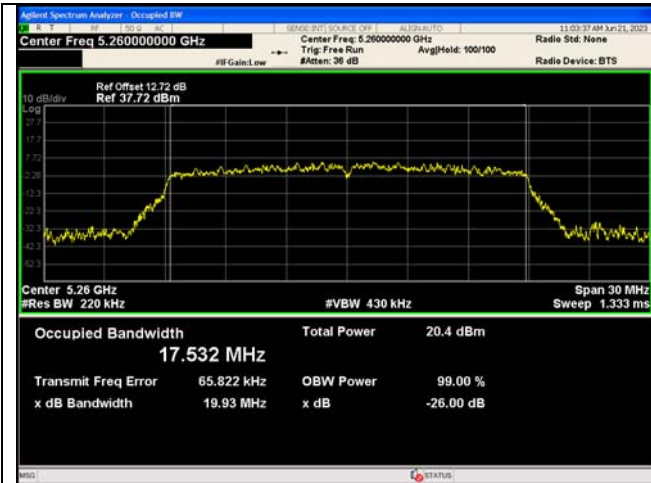
IEEE 802.11n_Channel 36_20MHz_Antenna 0



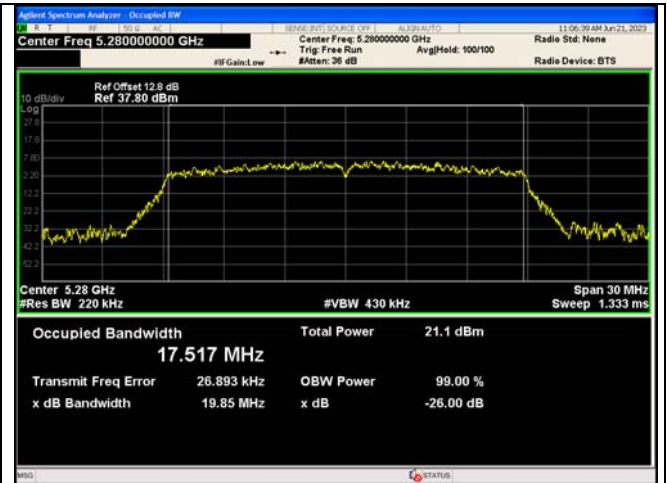
IEEE 802.11n_Channel 40_20MHz_Antenna 0



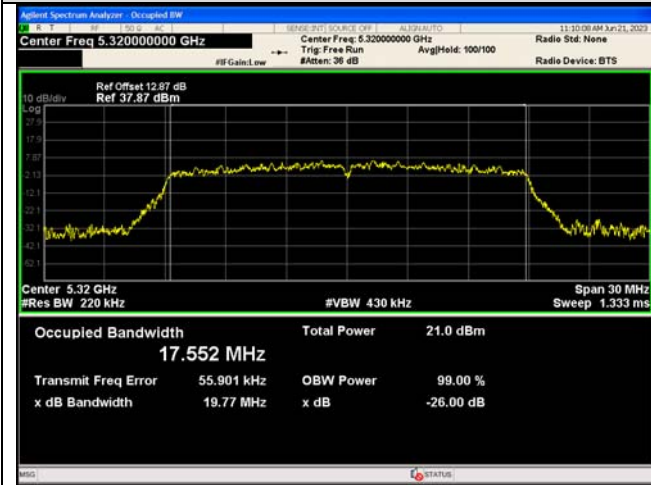
IEEE 802.11n_Channel 48_20MHz_Antenna 0



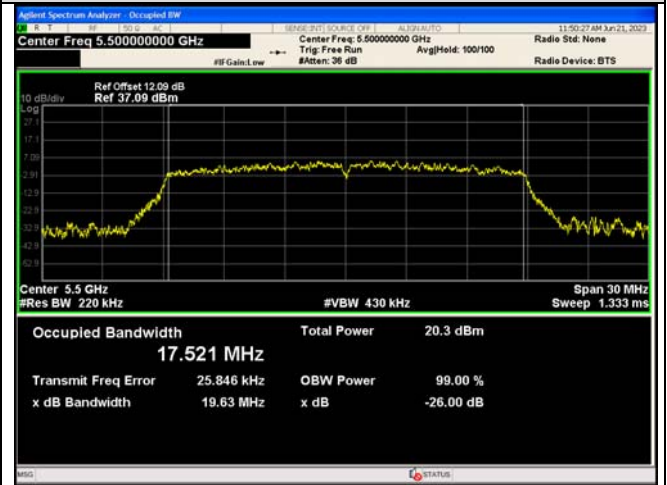
IEEE 802.11n_Channel 52_20MHz_Antenna 0



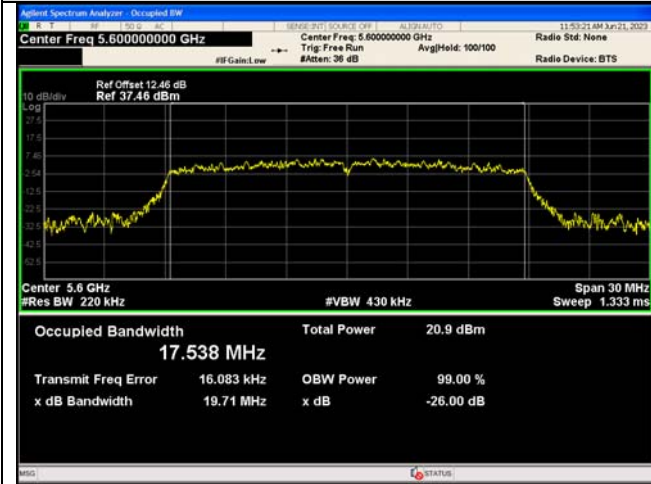
IEEE 802.11n_Channel 56_20MHz_Antenna 0



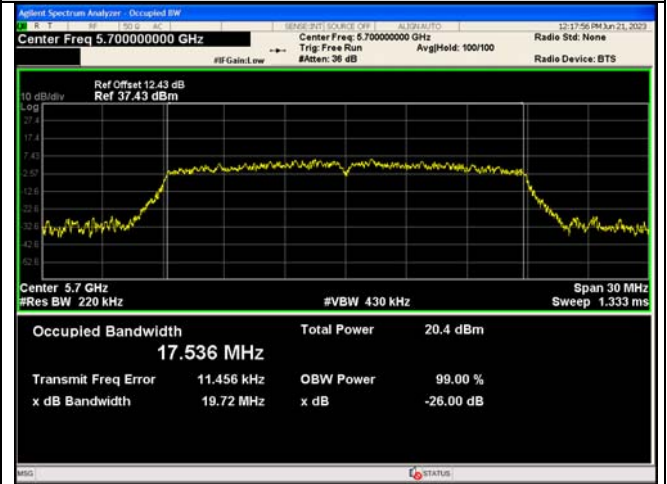
IEEE 802.11n_Channel 64_20MHz_Antenna 0



IEEE 802.11n_Channel 100_20MHz_Antenna 0



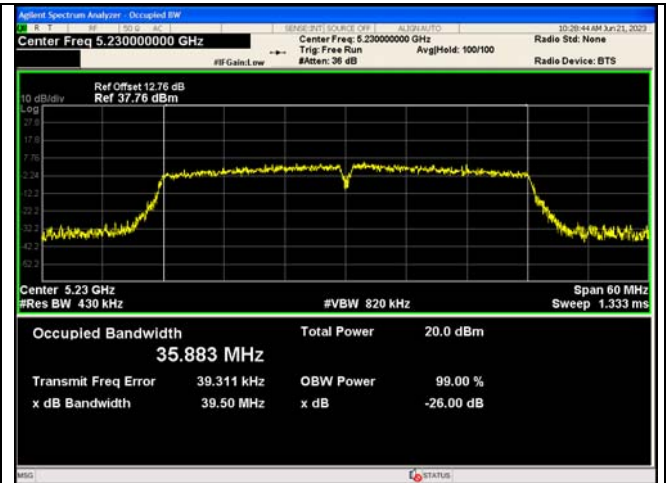
IEEE 802.11n_Channel 120_20MHz_Antenna 0



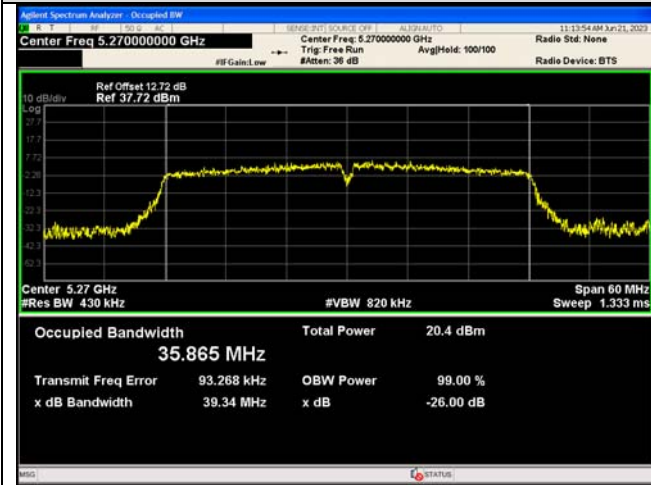
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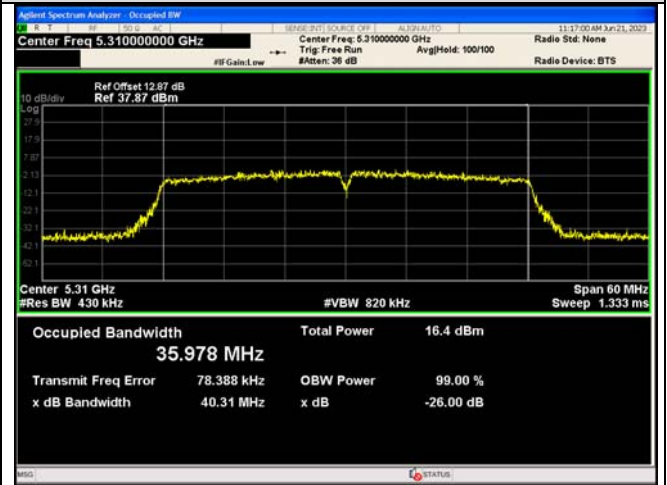
IEEE 802.11n_Channel 38_40MHz_Antenna 0



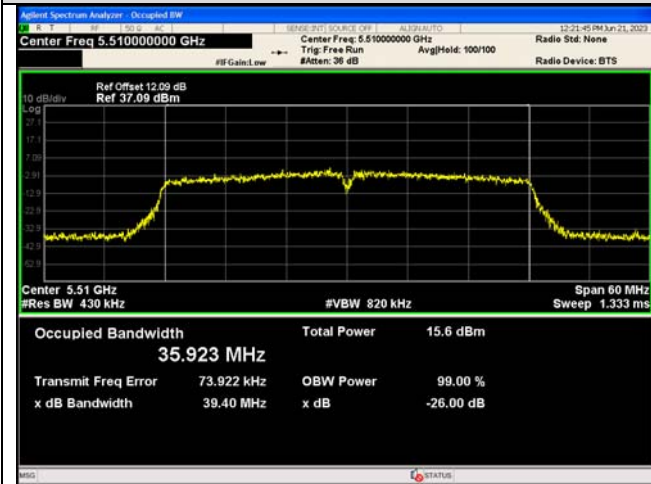
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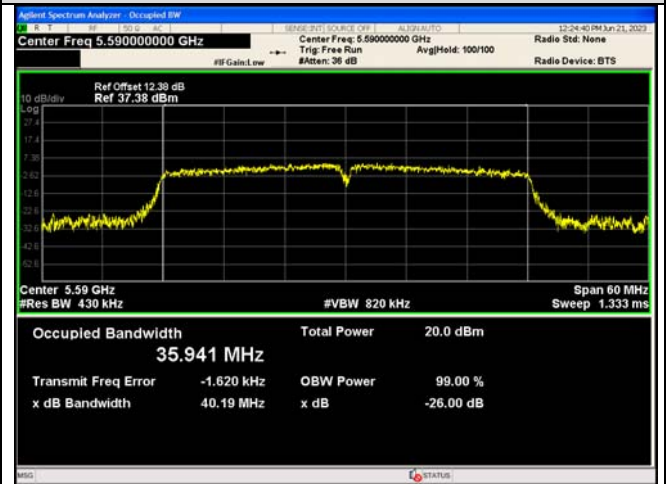
IEEE 802.11n_Channel 54_40MHz_Antenna 0



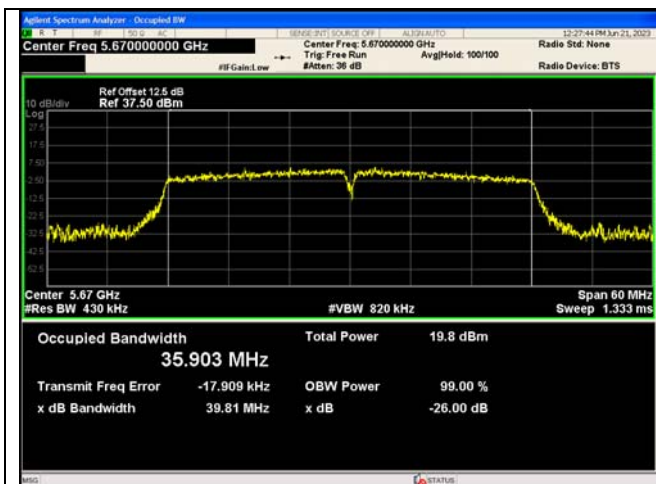
IEEE 802.11n_Channel 62_40MHz_Antenna 0



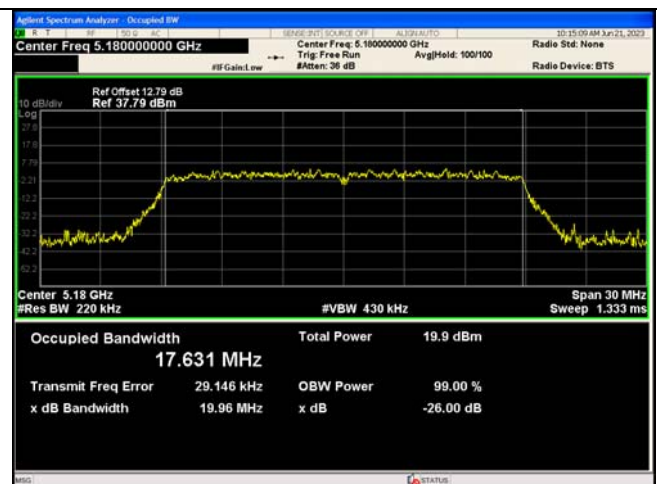
IEEE 802.11n_Channel 102_40MHz_Antenna 0



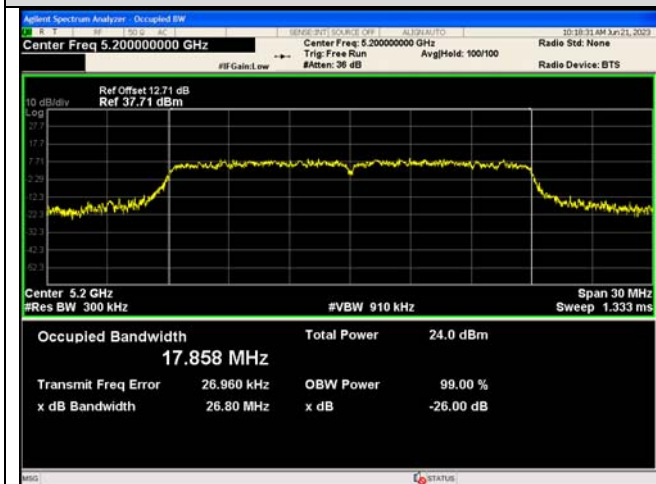
IEEE 802.11n_Channel 118_40MHz_Antenna 0



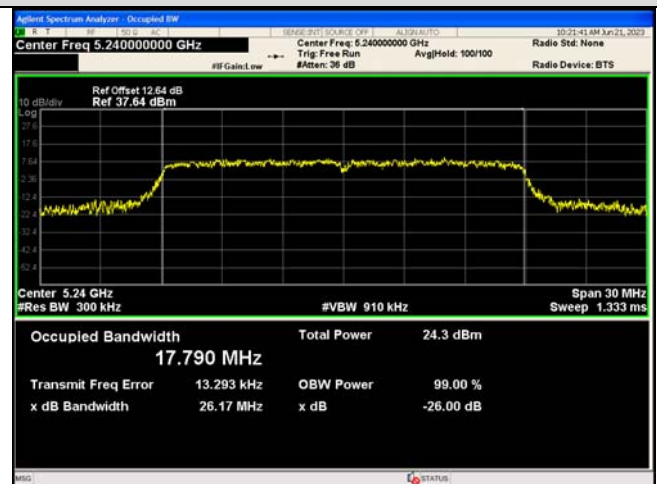
IEEE 802.11n_Channel 134_40MHz_Antenna 0



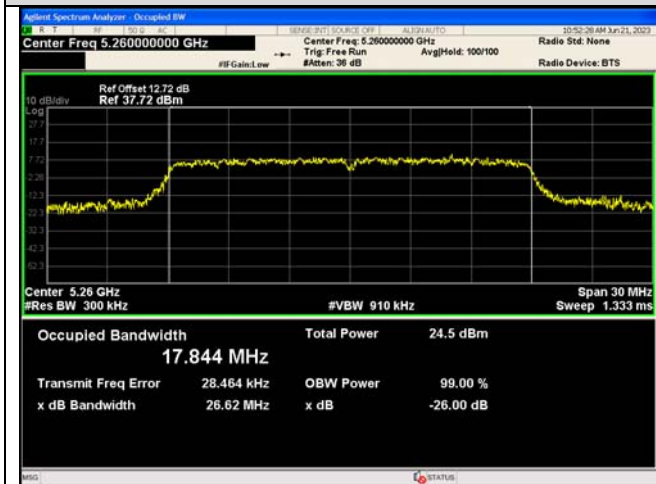
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



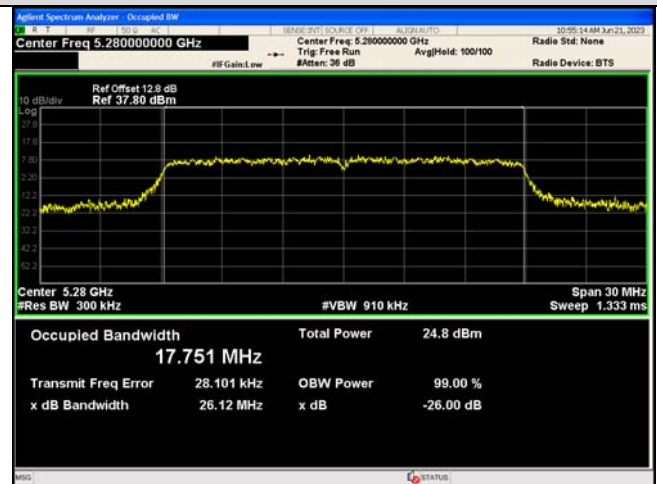
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



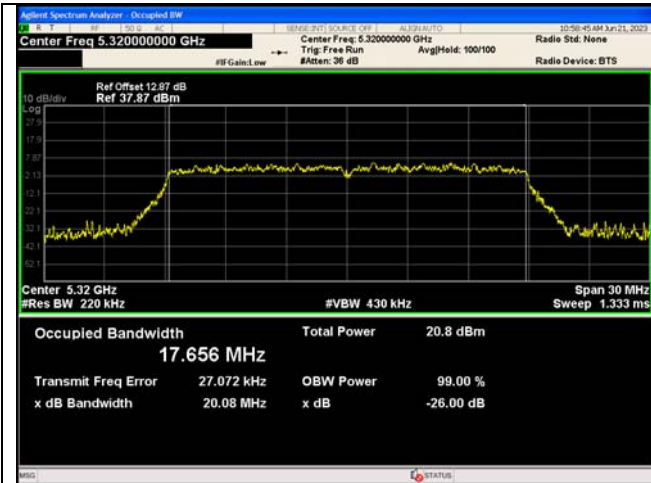
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



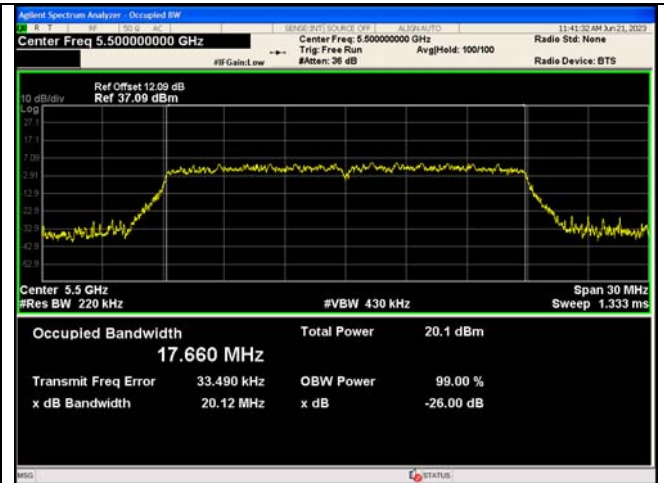
IEEE 802.11ac_Channel 52_20MHz_Antenna 0



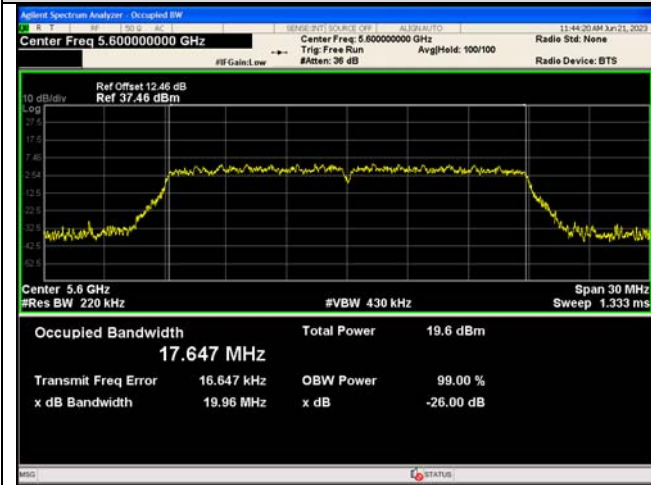
IEEE 802.11ac_Channel 56_20MHz_Antenna 0



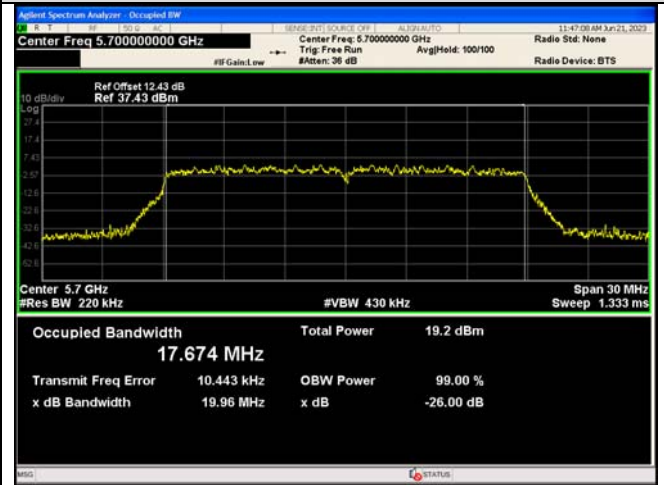
IEEE 802.11ac_Channel 64_20MHz_Antenna 0



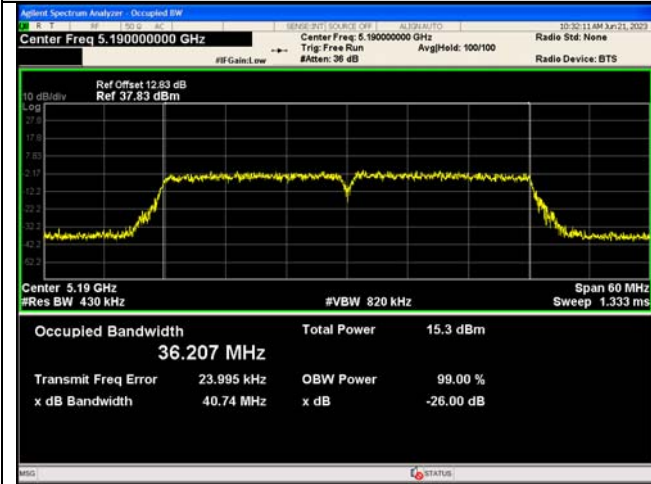
IEEE 802.11ac_Channel 100_20MHz_Antenna 0



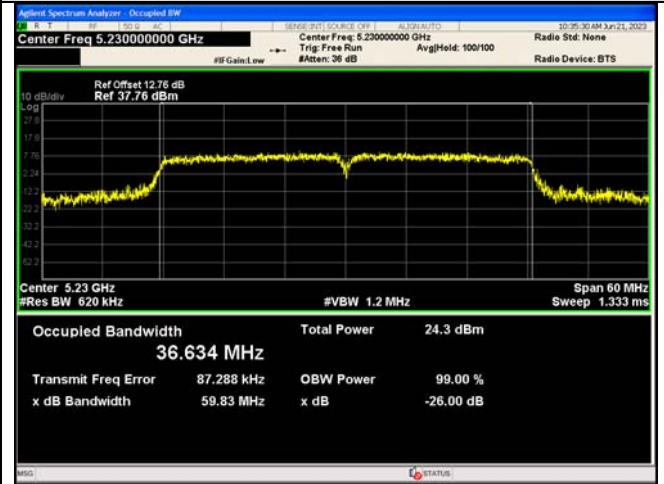
IEEE 802.11ac_Channel 120_20MHz_Antenna 0



IEEE 802.11ac_Channel 140_20MHz_Antenna 0



IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0