

Appendix A Conduction Data for 5GHz WIFI

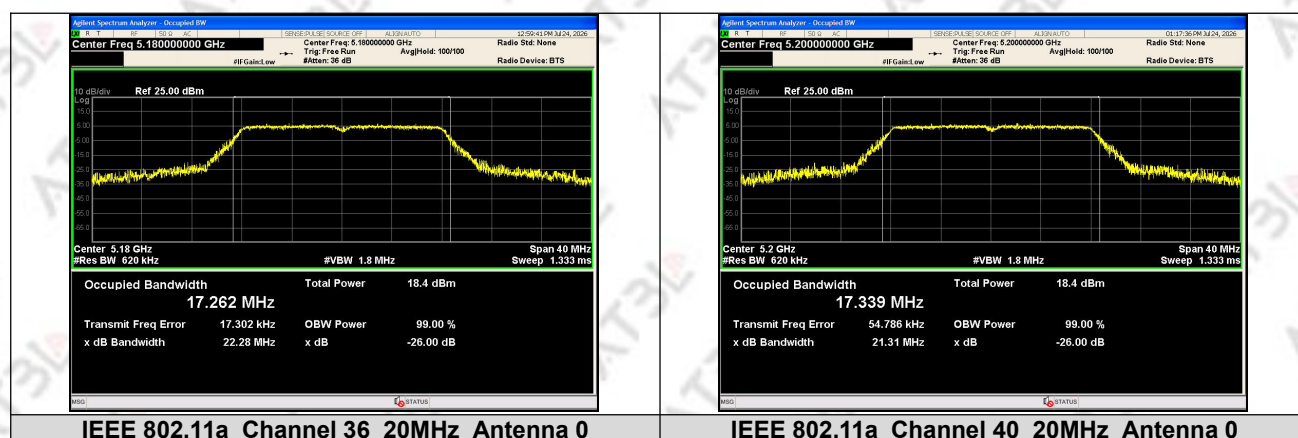
A1.Emission Bandwidth

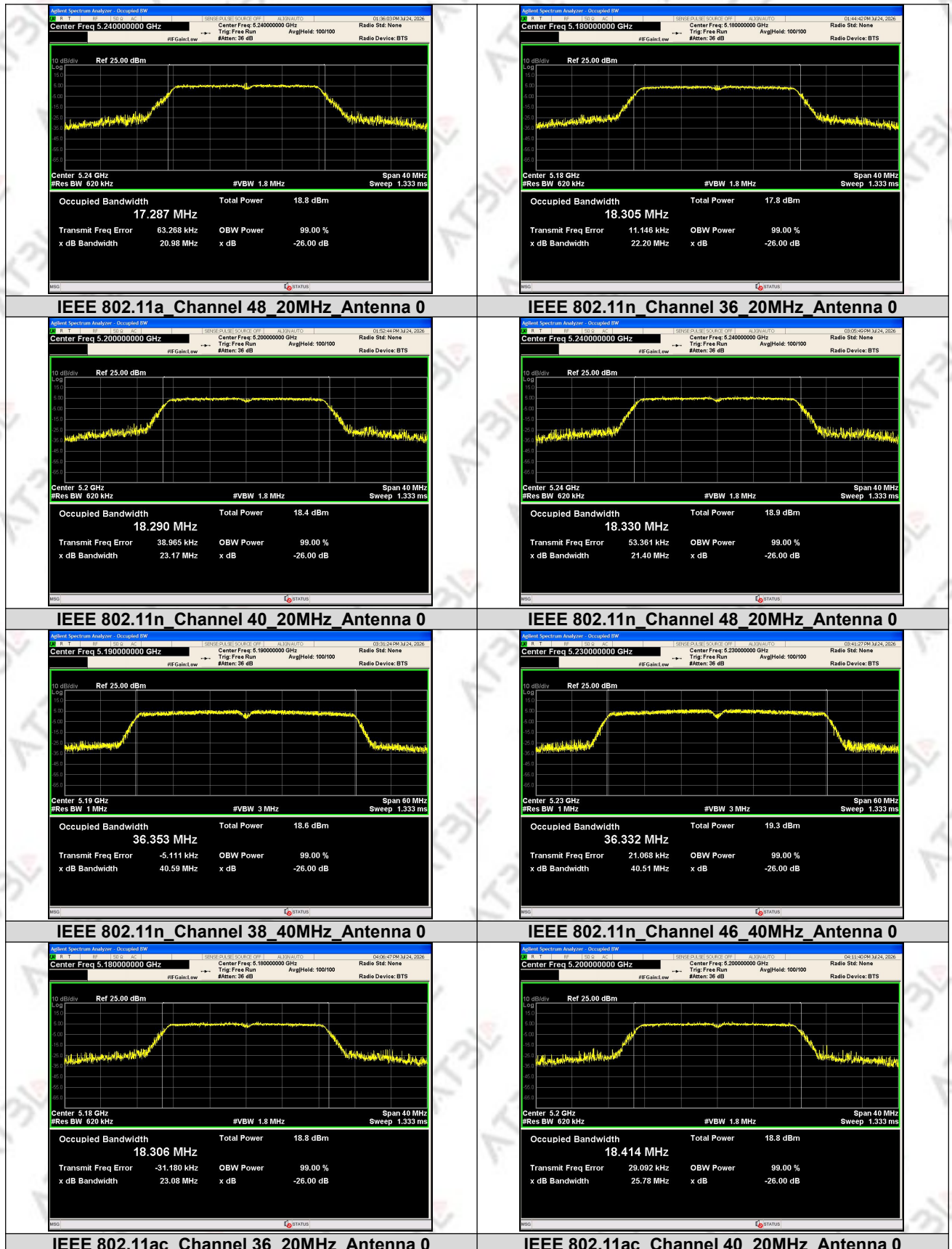
26dB Bandwidth

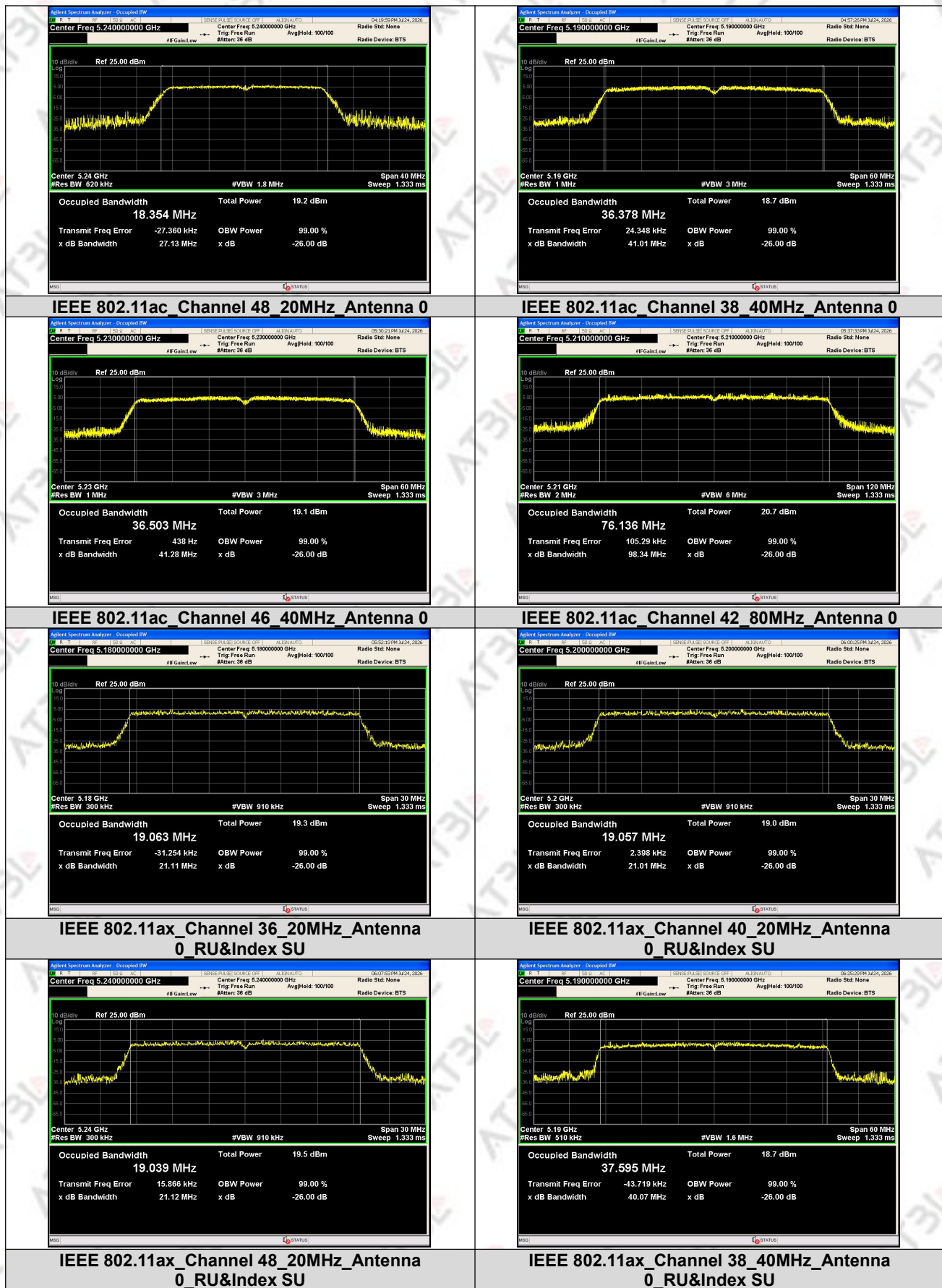
Test Result

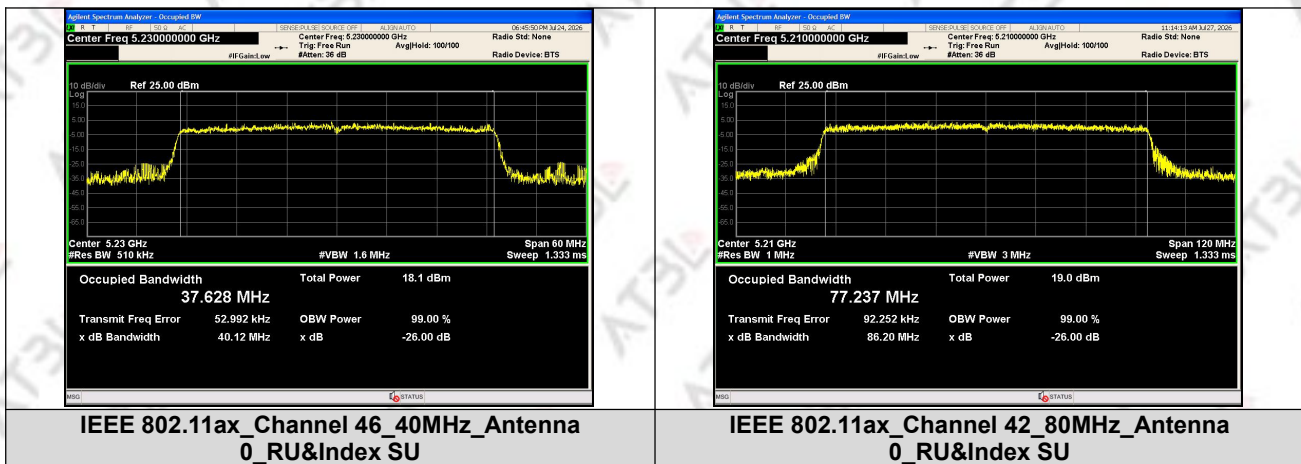
Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	36	0	5180.0	22.28
	40		5200.0	21.31
	48		5240.0	20.98
IEEE 802.11n_20	36		5180.0	22.20
	40		5200.0	23.17
	48		5240.0	21.40
IEEE 802.11n_40	38		5190.0	40.59
	46		5230.0	40.51
IEEE 802.11ac_20	36		5180.0	23.08
	40		5200.0	25.78
	48		5240.0	27.13
IEEE 802.11ac_40	38		5190.0	41.01
	46		5230.0	41.28
IEEE 802.11ac_80	42		5210.0	98.34
IEEE 802.11ax_20	36		5180.0	21.11
	40		5200.0	21.01
	48		5240.0	21.12
IEEE 802.11ax_40	38		5190.0	40.07
	46		5230.0	40.12
IEEE 802.11ax_80	42		5210.0	86.20

Test Graphs





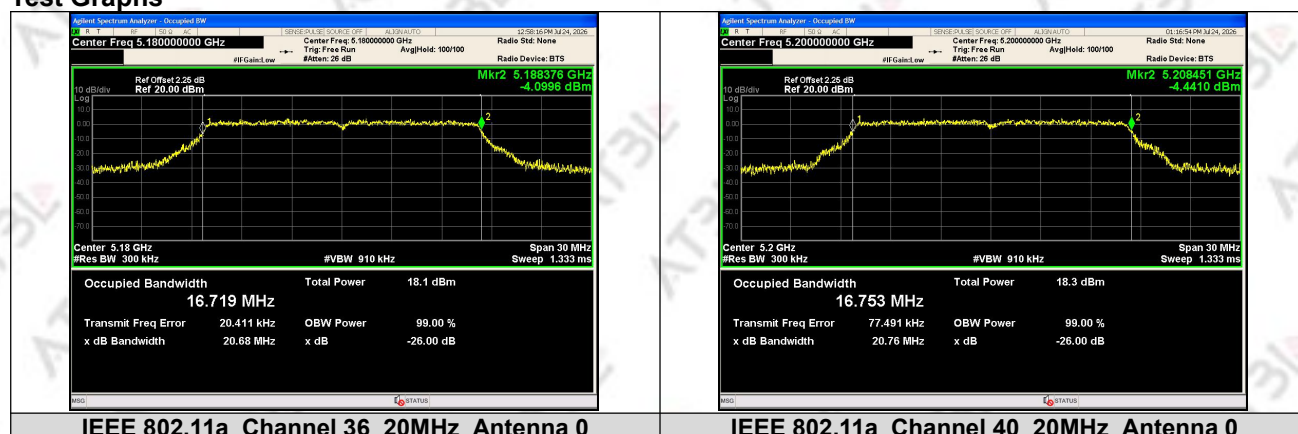


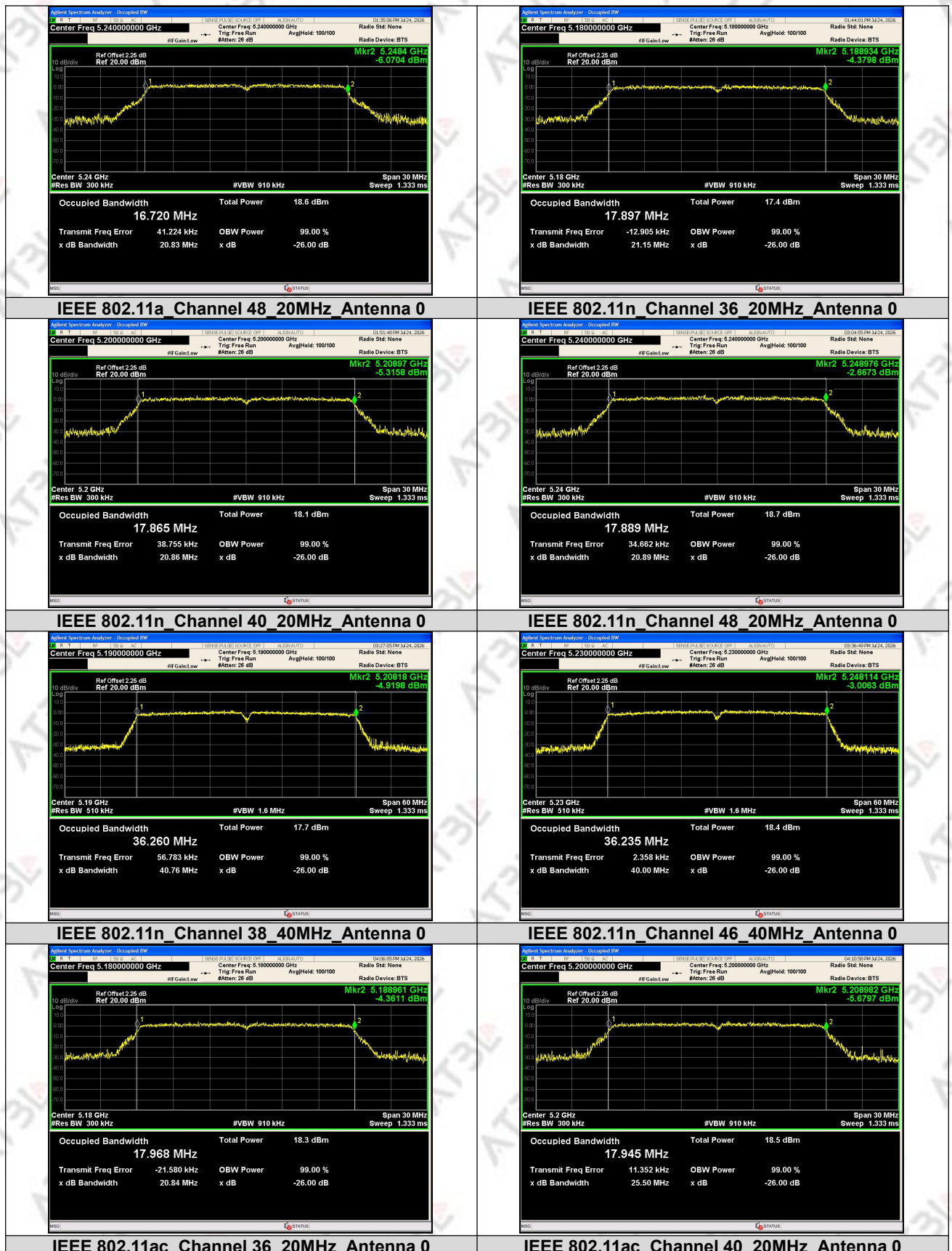


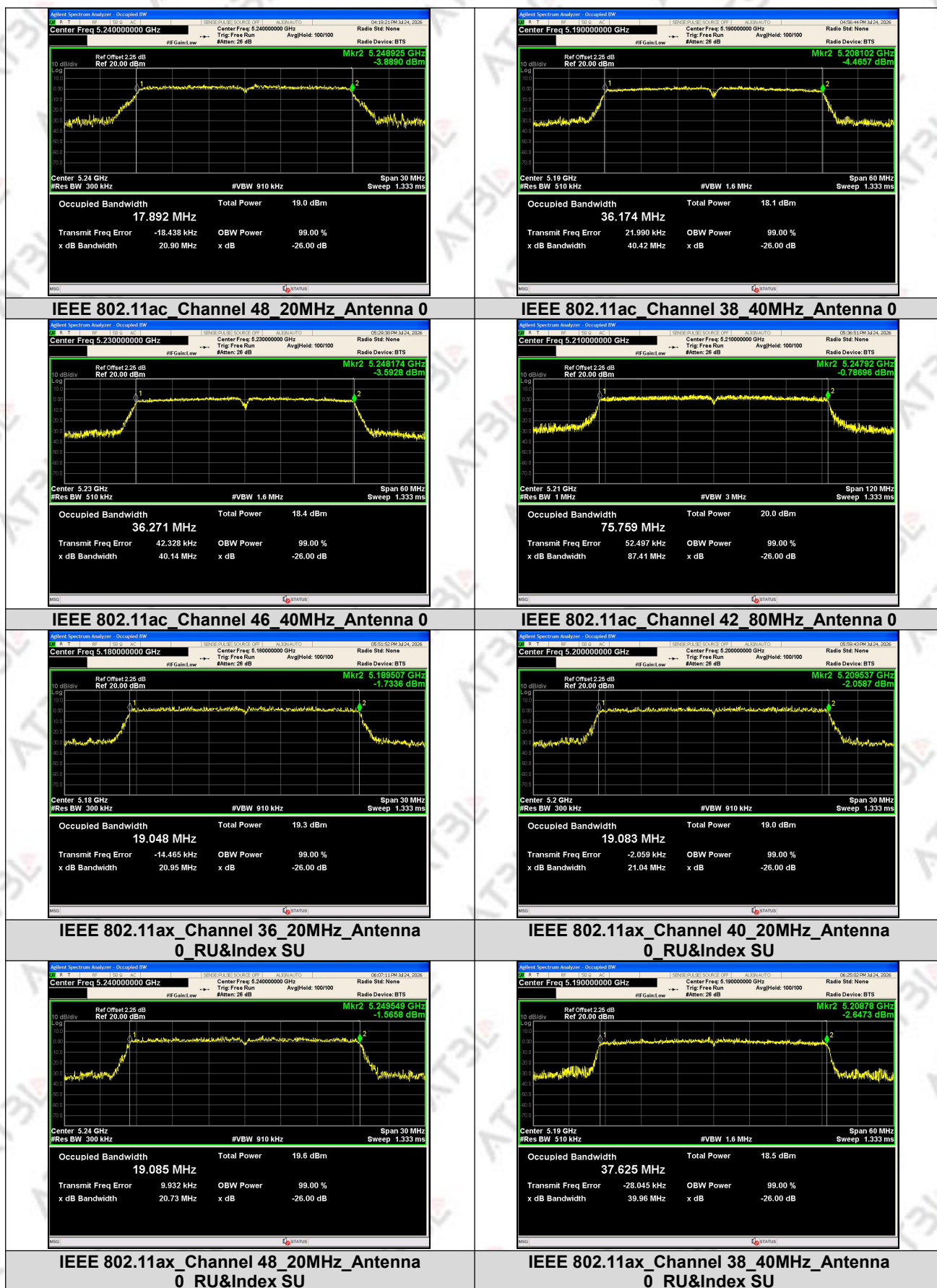
99%dB Bandwidth Test Result

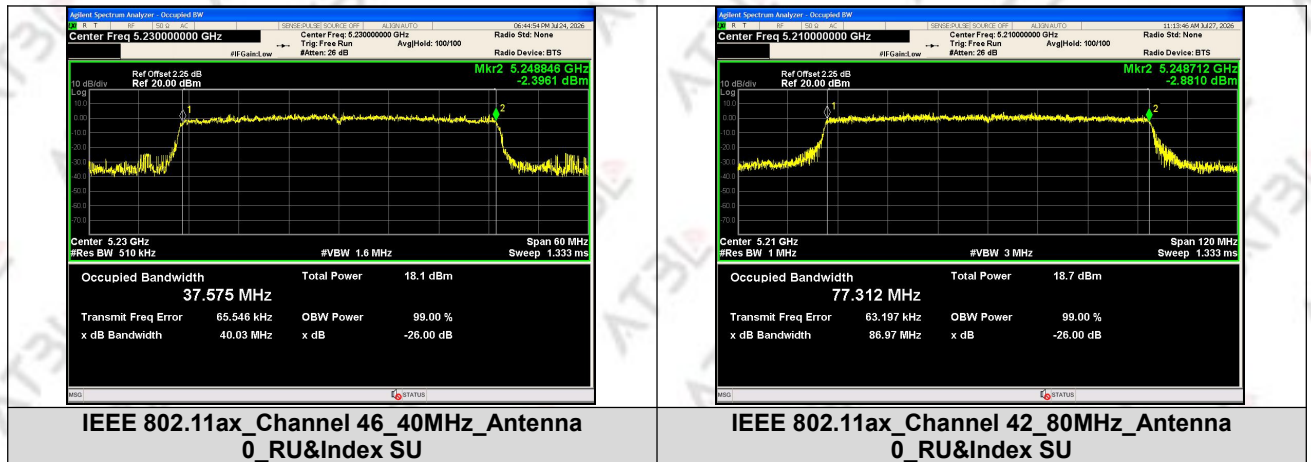
Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11a	36	0	5180	16.719
	40		5200	16.753
	48		5240	16.720
IEEE 802.11n_20	36		5180	17.897
	40		5200	17.865
	48		5240	17.889
IEEE 802.11n_40	38		5190	36.260
	46		5230	36.235
IEEE 802.11ac_20	36		5180	17.968
	40		5200	17.945
	48		5240	17.892
IEEE 802.11ac_40	38		5190	36.174
	46		5230	36.271
IEEE 802.11ac_80	42		5210	75.759
IEEE 802.11ax_20	36		5180	19.048
	40		5200	19.083
	48		5240	19.085
IEEE 802.11ax_40	38		5190	37.625
	46		5230	37.575
IEEE 802.11ax_80	42		5210	77.312

Test Graphs









A2.Minimum Emission Bandwidth for the band 5.725–5.85 GHz

6dB Bandwidth

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	N/A	0	5745	16.27	≥0.5	PASS
	157			5785	16.29		PASS
	165			5825	16.28		PASS
IEEE 802.11n_20	149			5745	17.55		PASS
	157			5785	17.50		PASS
	165			5825	17.56		PASS
IEEE 802.11n_40	151			5755	33.33		PASS
	159			5795	35.65		PASS
IEEE 802.11ac_20	149			5745	17.02		PASS
	157			5785	17.28		PASS
	165			5825	17.45		PASS
IEEE 802.11ac_40	151			5755	35.01		PASS
	159			5795	34.39		PASS
IEEE 802.11ac_80	155			5775	72.39		PASS
IEEE 802.11ax_20	149	SU		5745	18.62		PASS
	157			5785	18.49		PASS
	165			5825	18.77		PASS
IEEE 802.11ax_40	151			5755	37.65		PASS
	159			5795	35.53		PASS
IEEE 802.11ax_80	155			5775	71.59		PASS

Test Graphs

