

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

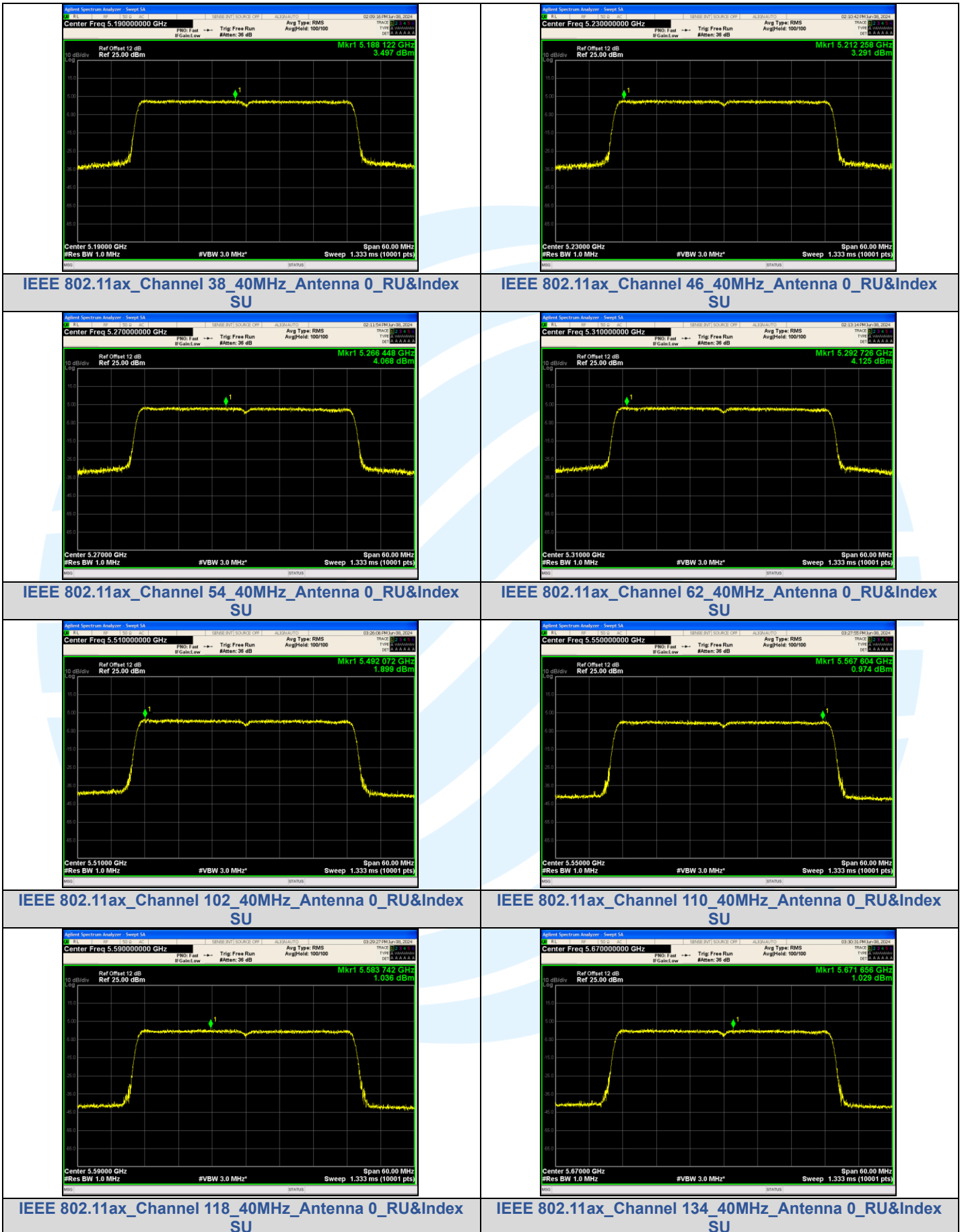
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UTTR-RF-RSS247-V1.1



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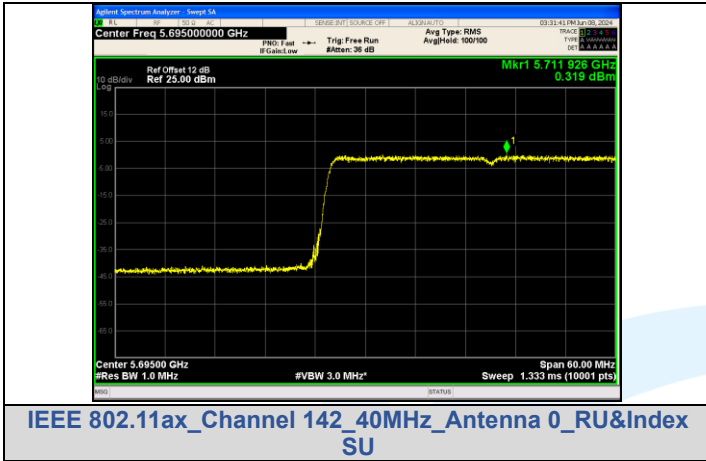
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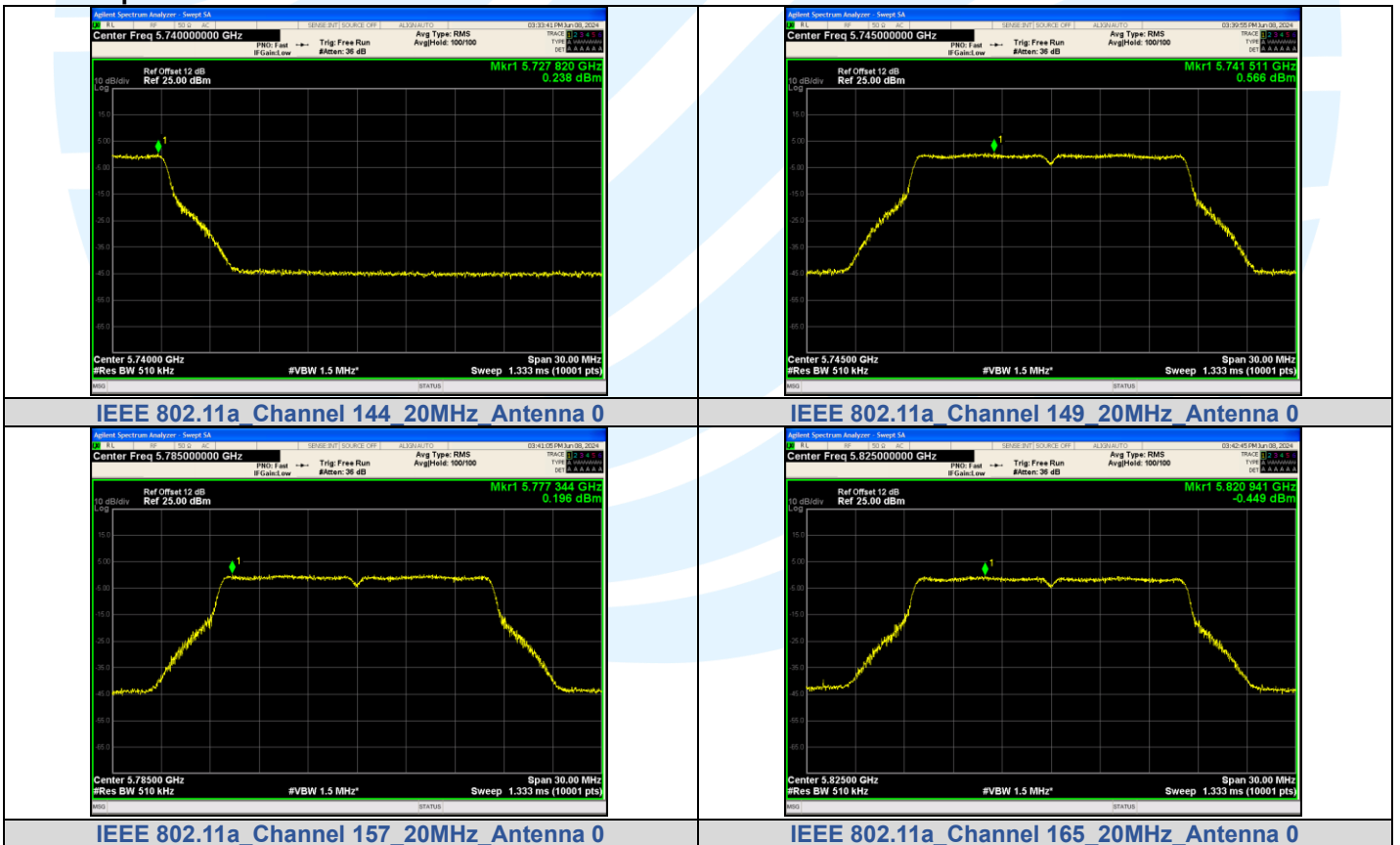
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For U-NII-3 Band

Mode	Channel	RU & Index	Meas PSD (dBm/MHz)	Corr'd PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Result
IEEE 802.11a	144	N/A	0.238	0.346	11	PASS
	149		0.566	0.674	30	PASS
	157		0.196	0.304		PASS
	165		-0.449	-0.341	PASS	
IEEE 802.11n_20	144		0.422	0.538	11	PASS
	149		0.599	0.715	30	PASS
	157		0.000	0.116		PASS
	165		-0.625	-0.509		PASS
IEEE 802.11n_40	142		-4.108	-3.9	11	PASS
	151		-3.904	-3.696	30	PASS
	159		-4.361	-4.153		PASS
IEEE 802.11ac_20	144		-0.072	0.036	11	PASS
	149		0.353	0.461	30	PASS
	157		-0.132	-0.024		PASS
	165		-0.702	-0.594		PASS
IEEE 802.11ac_40	142		-3.002	-2.88	11	PASS
	151	-2.639	-2.517	30	PASS	
	159	-3.215	-3.093		PASS	
IEEE 802.11ax_20	144	SU	-0.094	0.041	11	PASS
	149		0.157	0.292	30	PASS
	157		0.214	0.349		PASS
	165		-0.852	-0.717		PASS
IEEE 802.11ax_40	142		-2.667	-2.538	11	PASS
	151		-2.819	-2.69	30	PASS
	159		-3.405	-3.276		PASS

Test Graphs



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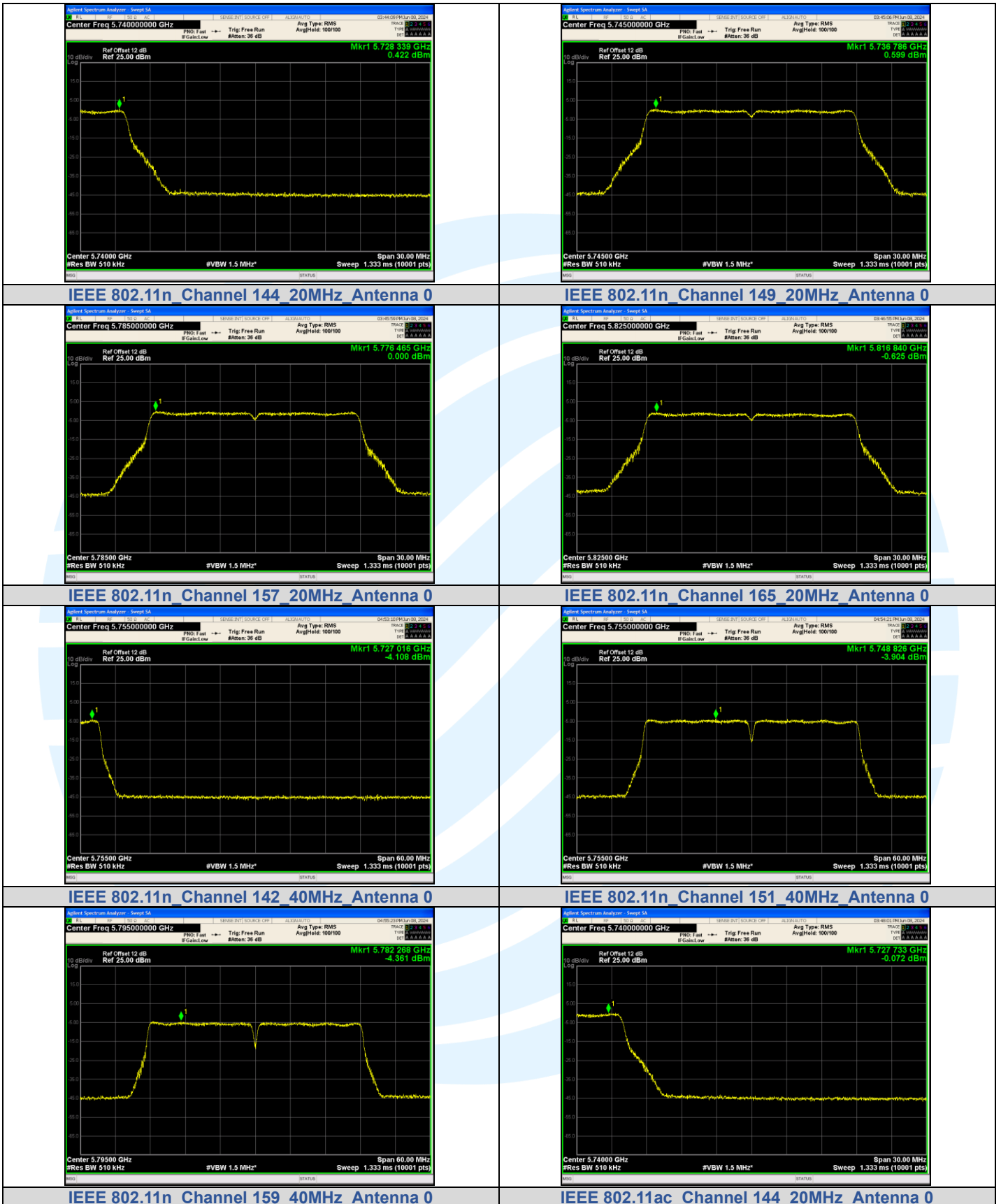
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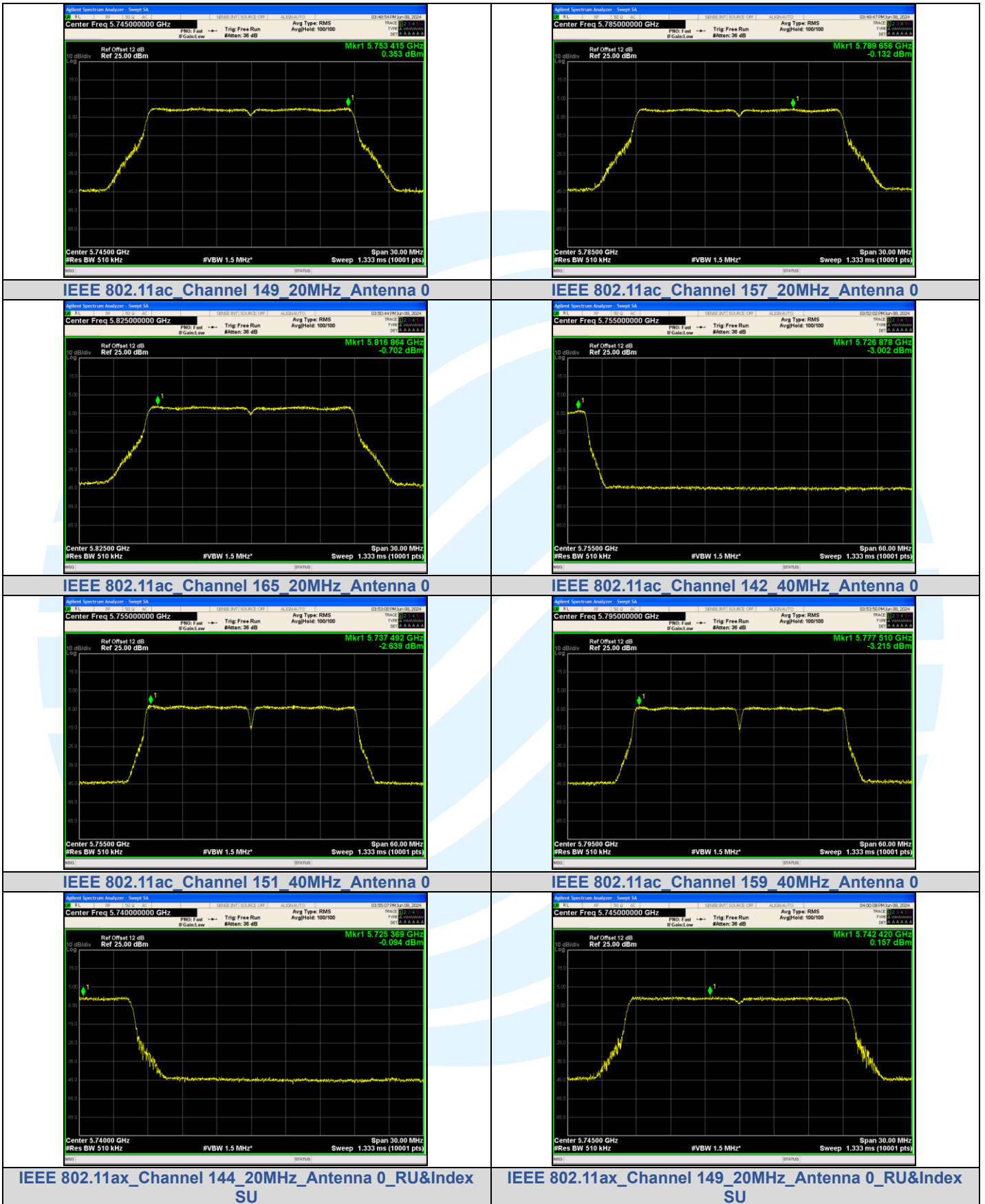
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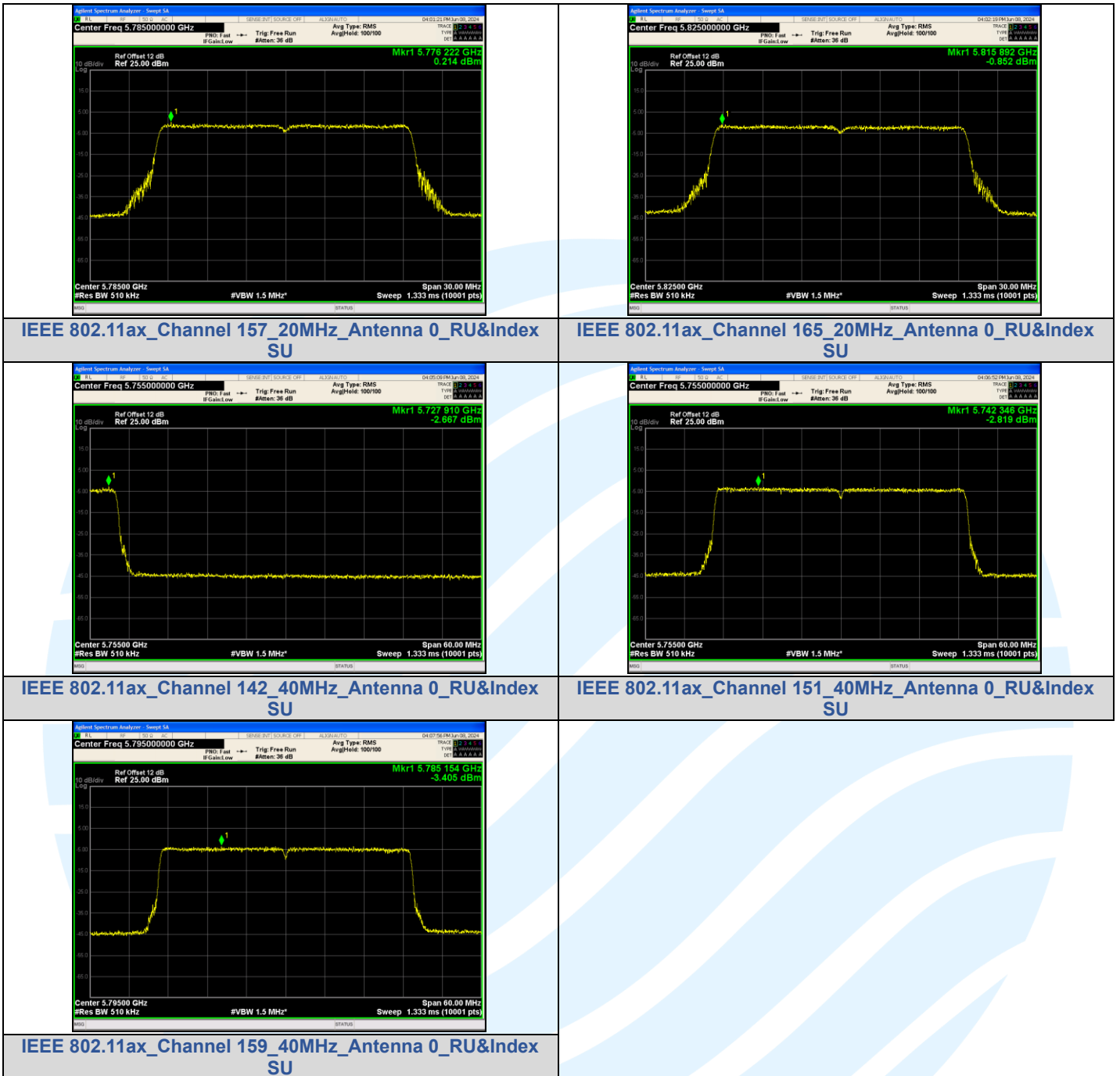
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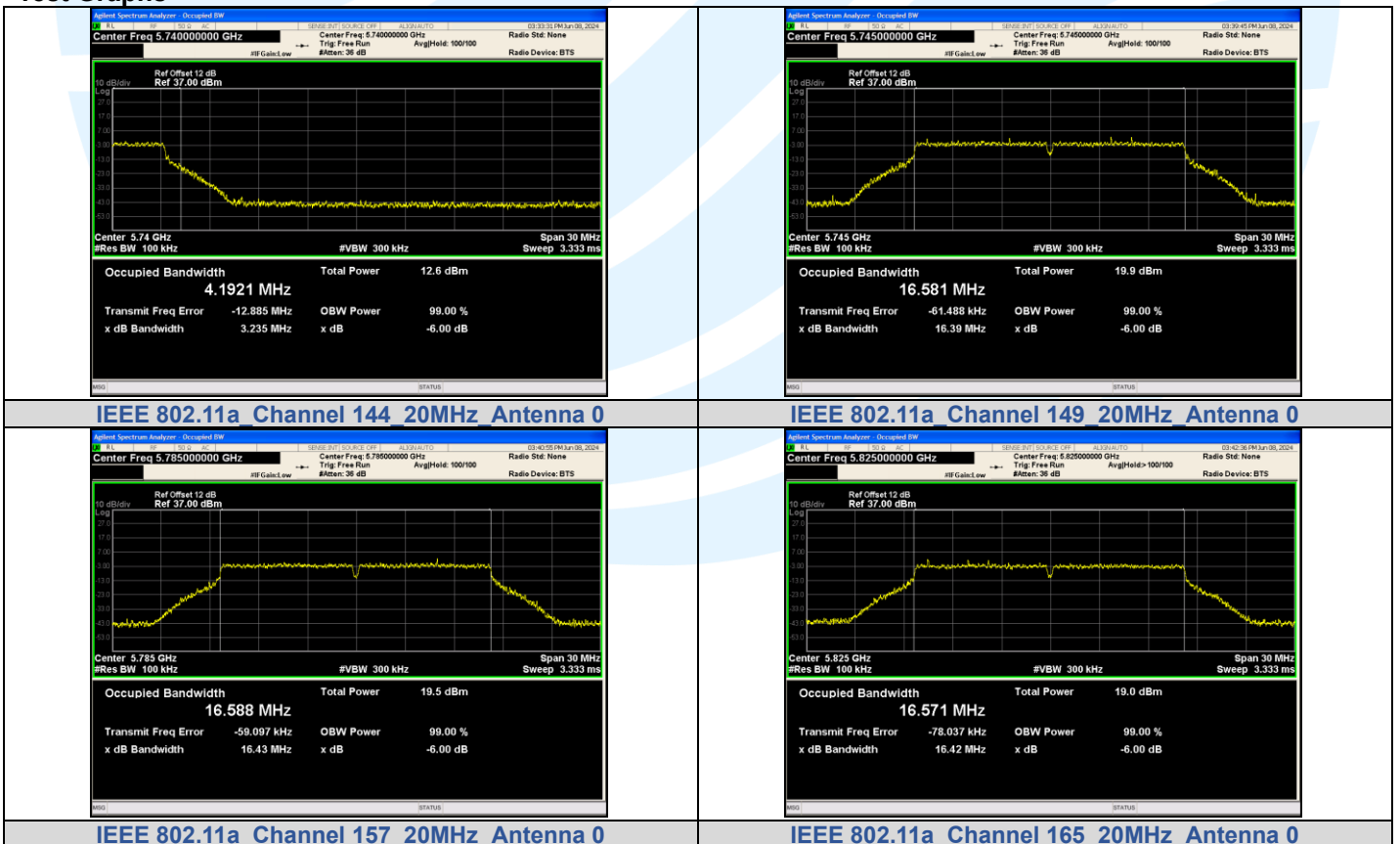


A.4 6DB BANDWIDTH

For U-NII-3 Band

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result	
IEEE 802.11a	144	N/A	0	5740	3.235	≥0.5	PASS	
	149			5745	16.39		PASS	
	157			5785	16.43		PASS	
	165			5825	16.42		PASS	
IEEE 802.11n_20	144			5740	3.795		PASS	
	149			5745	17.67		PASS	
	157			5785	17.65		PASS	
	165			5825	17.62		PASS	
IEEE 802.11n_40	142			5755	3.135		PASS	
	151			5755	36.36		PASS	
	159			5795	36.34		PASS	
IEEE 802.11ac_20	144			SU	5740		3.863	PASS
	149				5745		17.70	PASS
	157				5785		17.67	PASS
	165				5825		17.69	PASS
IEEE 802.11ac_40	142				5755		3.230	PASS
	151	5755	36.35		PASS			
	159	5795	36.40		PASS			
	144	5740	4.453		PASS			
IEEE 802.11ax_20	149	5745	19.13		PASS			
	157	5785	19.08		PASS			
	165	5825	19.09		PASS			
IEEE 802.11ax_40	142	5755	4.067		PASS			
	151	5755	37.92	PASS				
	159	5795	37.94	PASS				

Test Graphs



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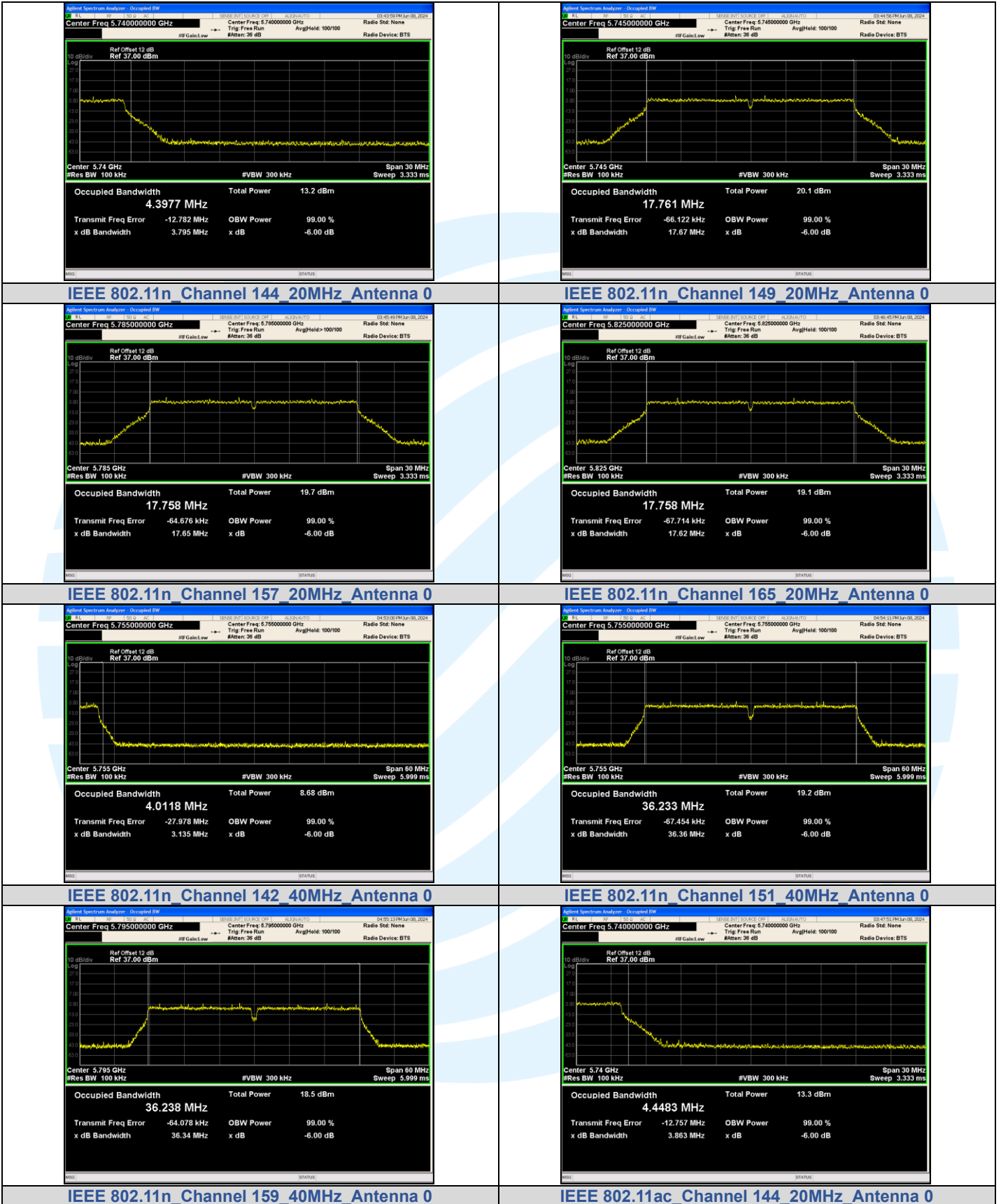
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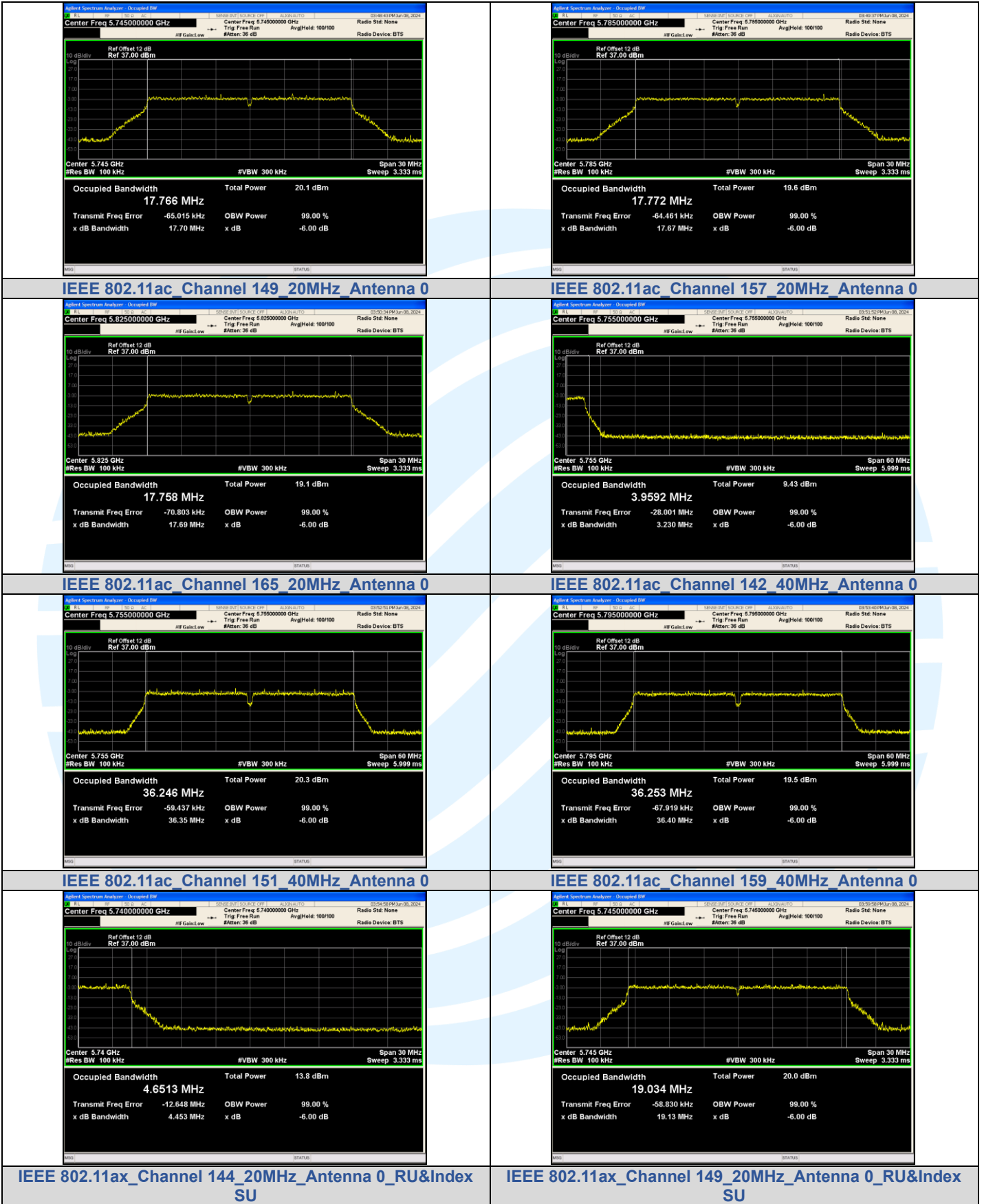
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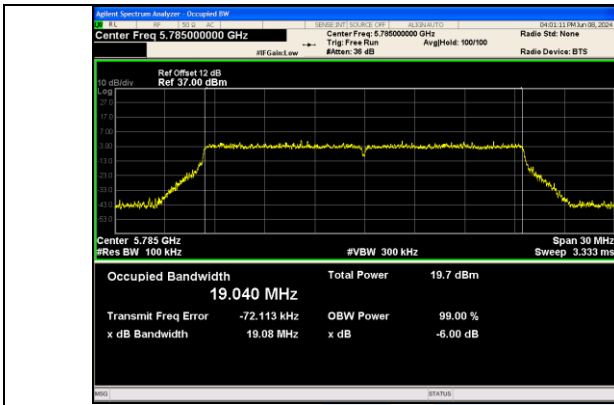
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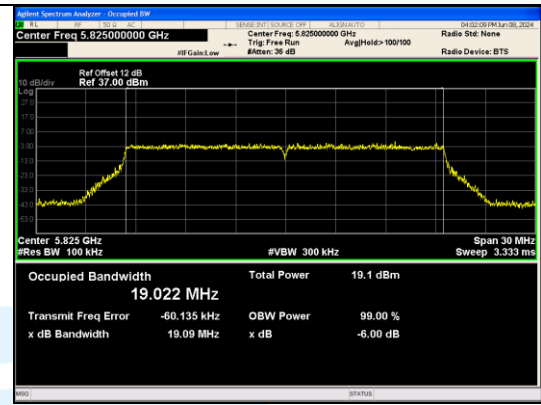
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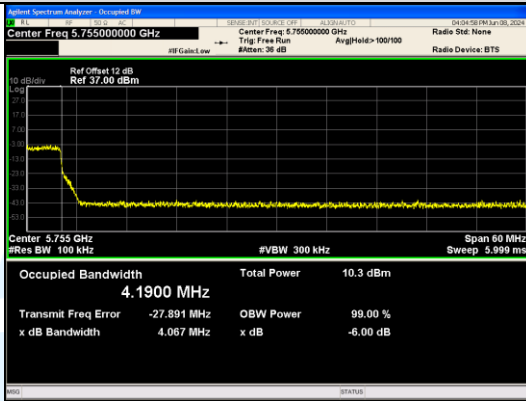




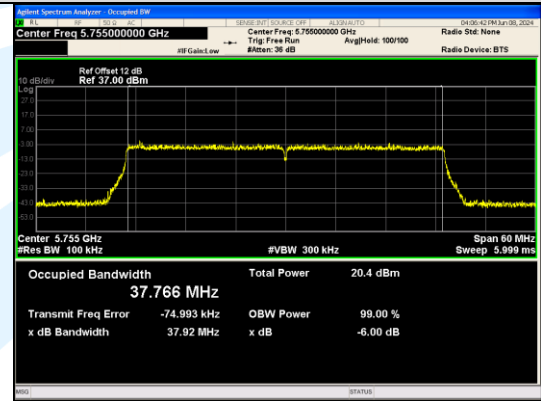
IEEE 802.11ax_Channel 157_20MHz_Antenna 0_RU&Index SU



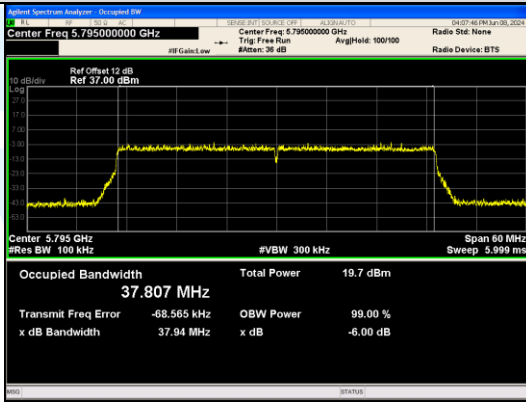
IEEE 802.11ax_Channel 165_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU

APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

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