

## 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

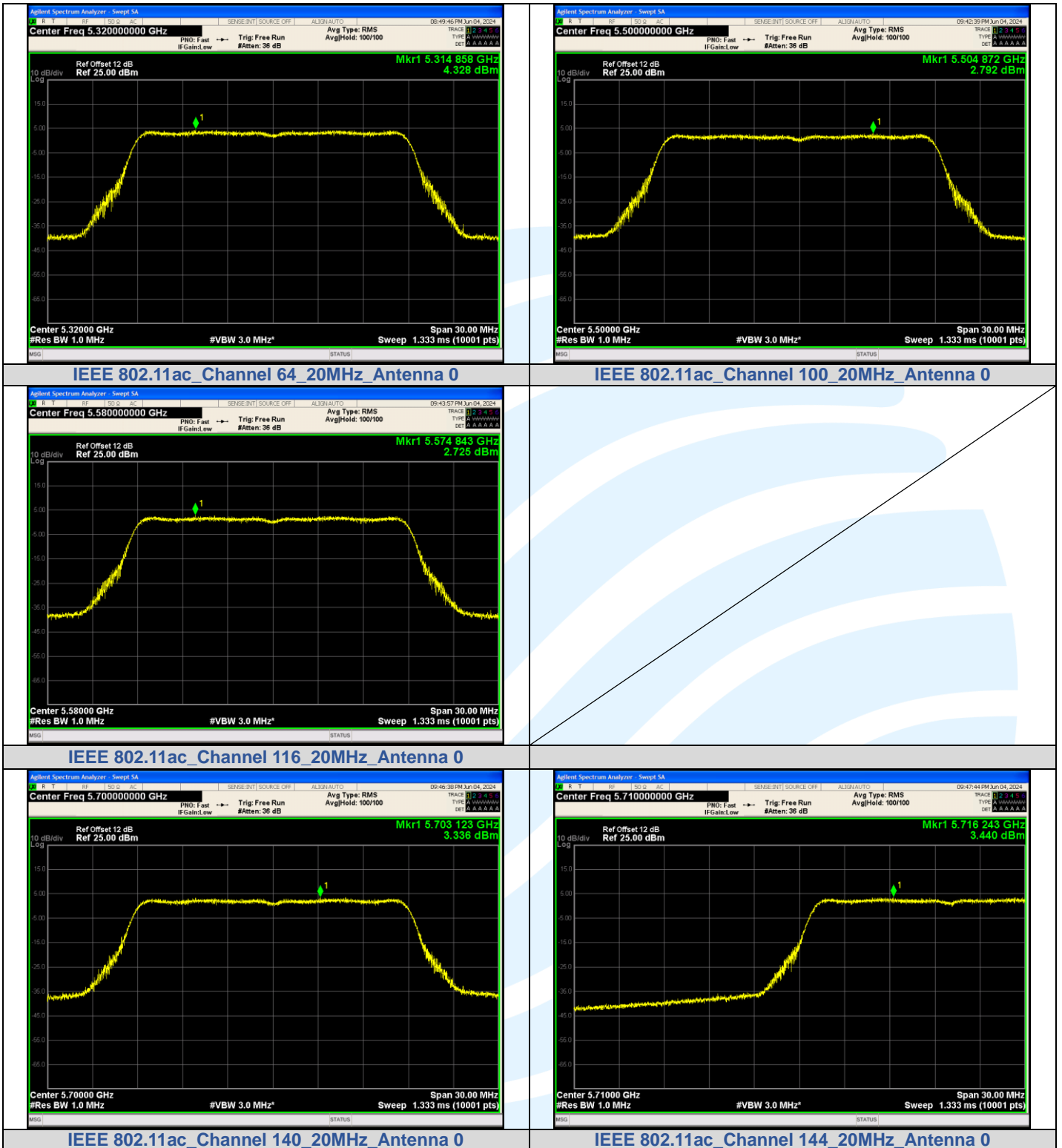
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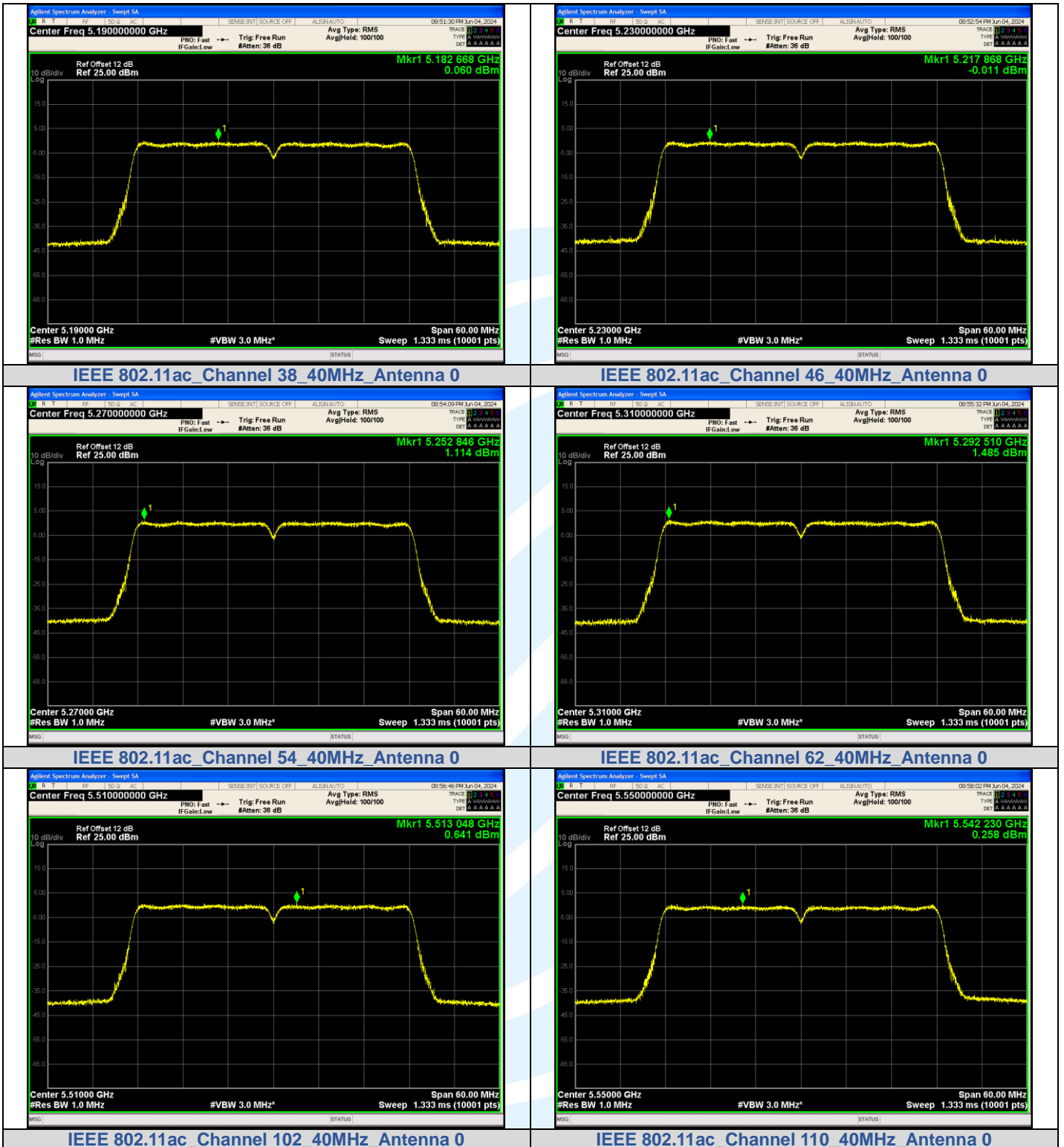
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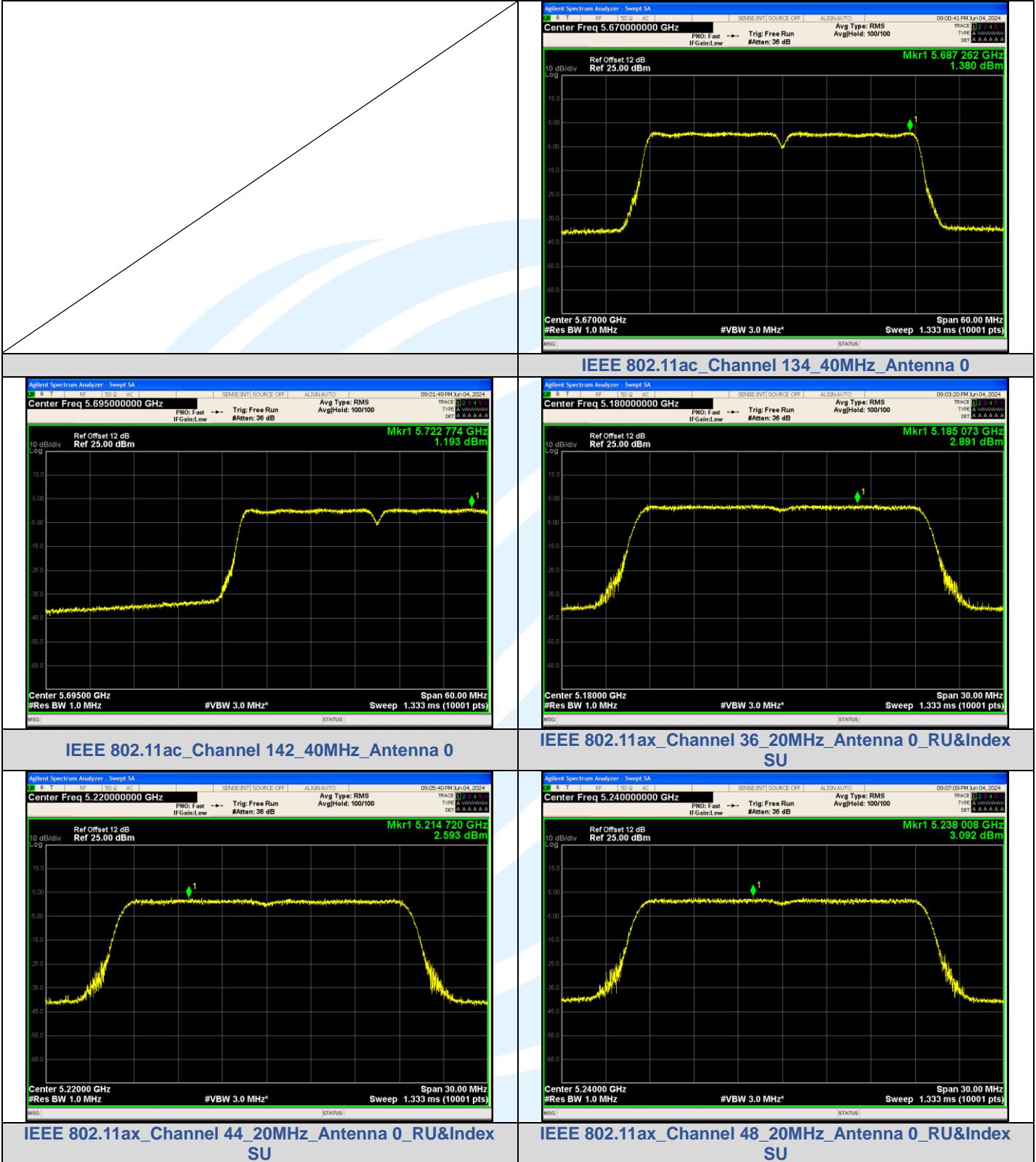
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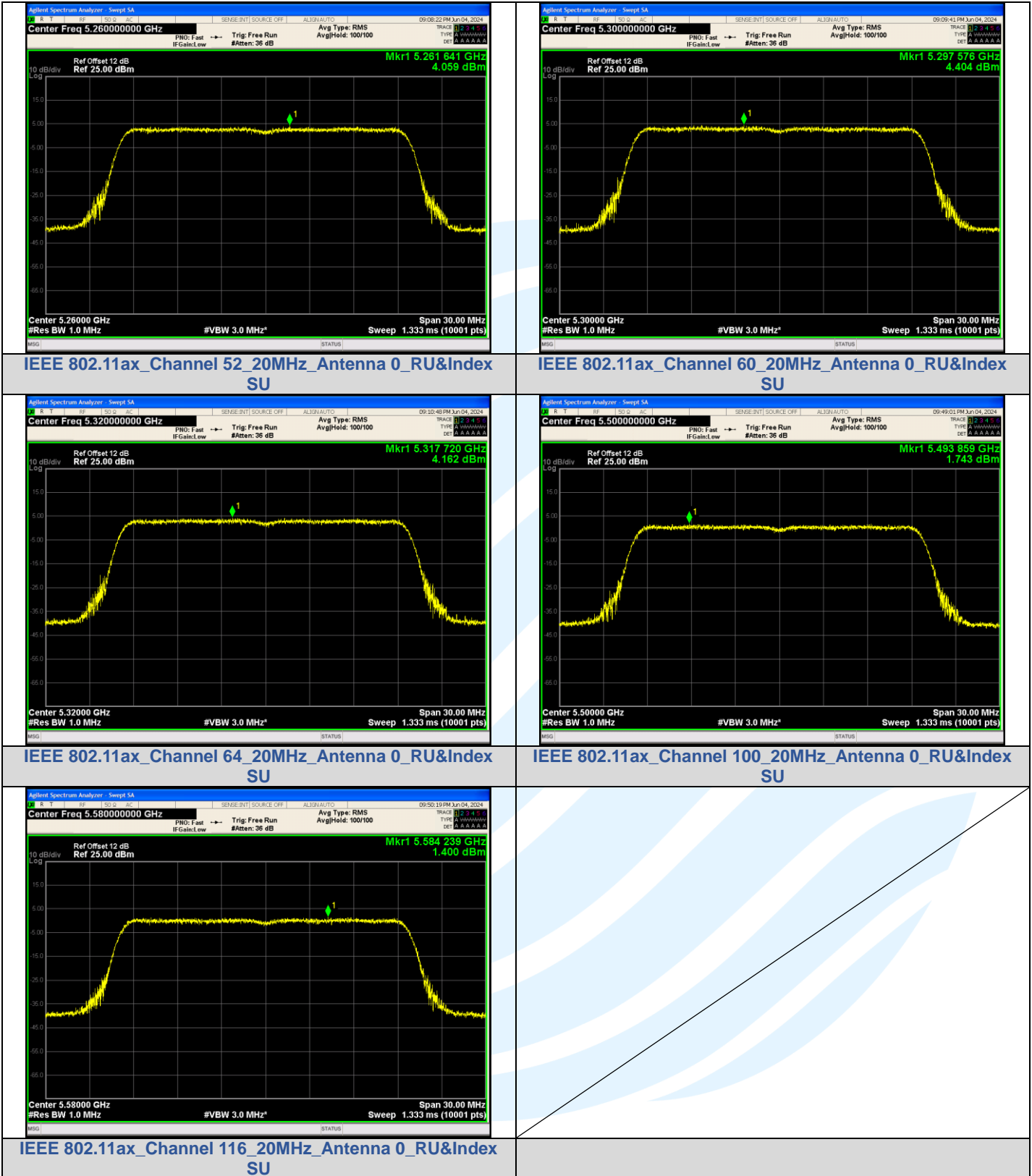
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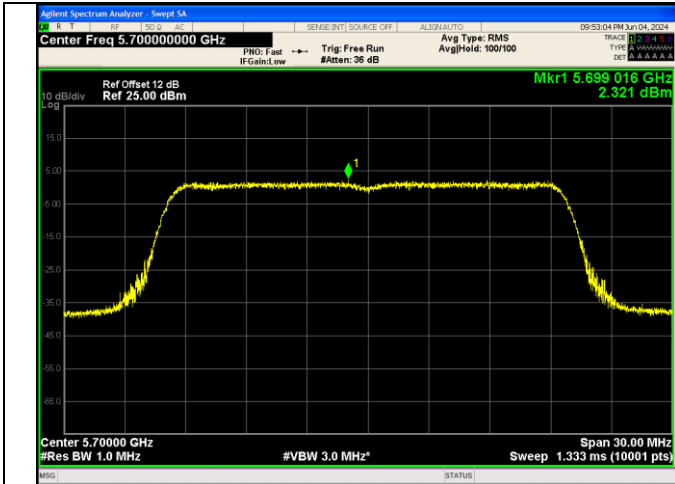
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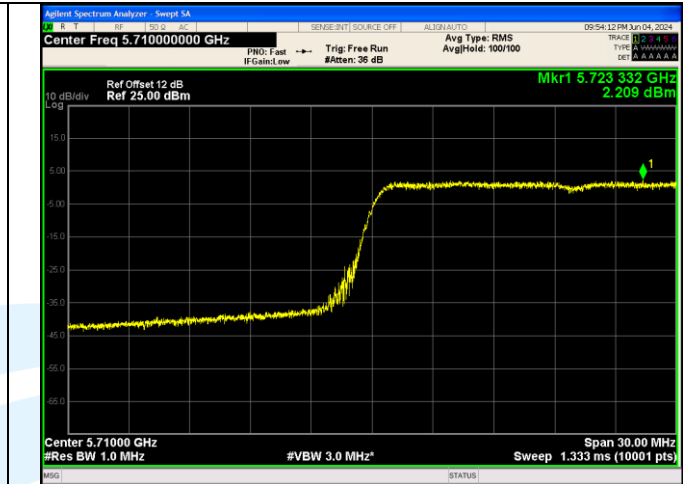
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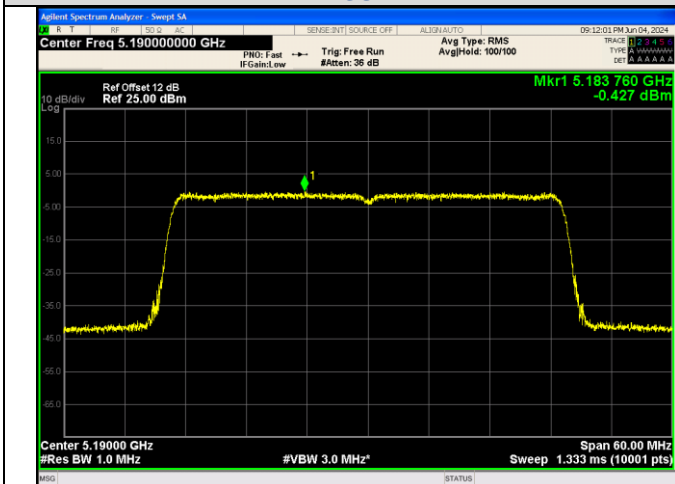
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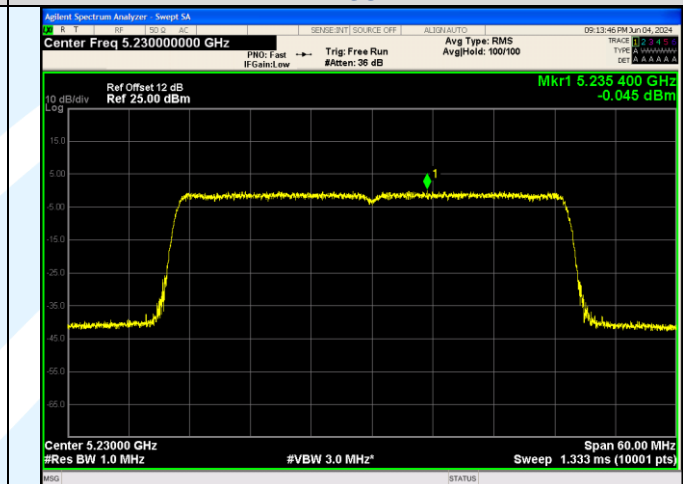
IEEE 802.11ax\_Channel 140\_20MHz\_Antenna 0\_RU&Index SU



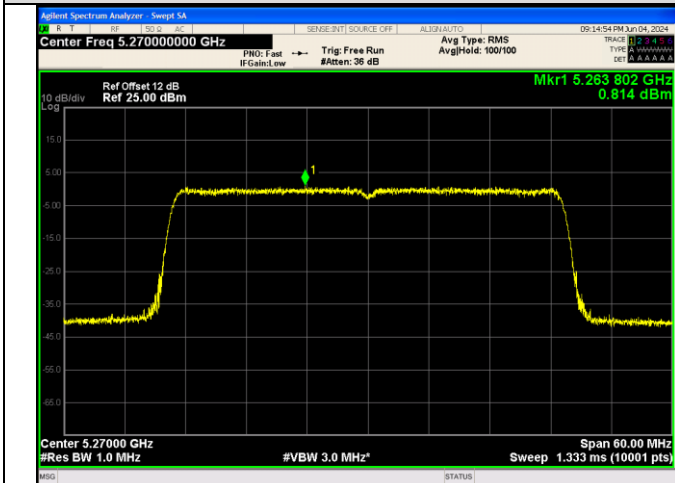
IEEE 802.11ax\_Channel 144\_20MHz\_Antenna 0\_RU&Index SU



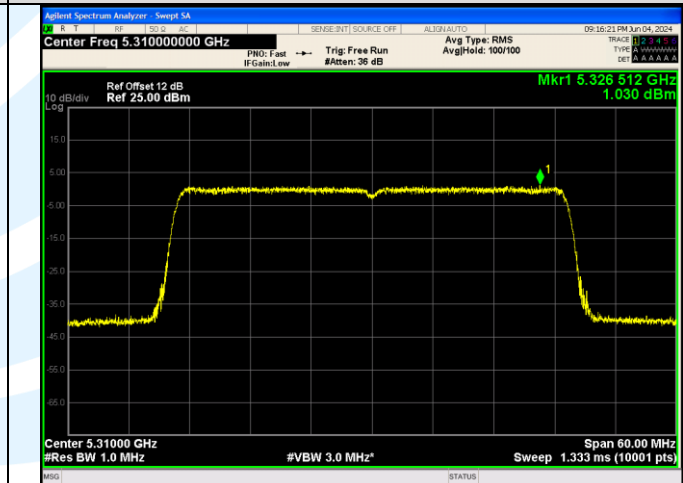
IEEE 802.11ax\_Channel 38\_40MHz\_Antenna 0\_RU&Index SU



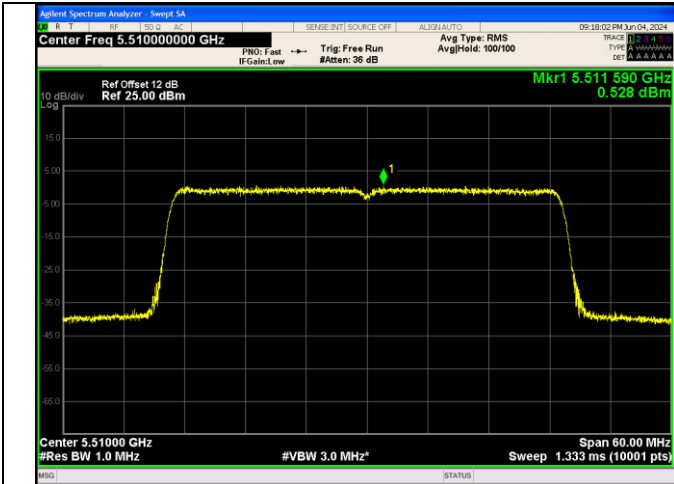
IEEE 802.11ax\_Channel 46\_40MHz\_Antenna 0\_RU&Index SU



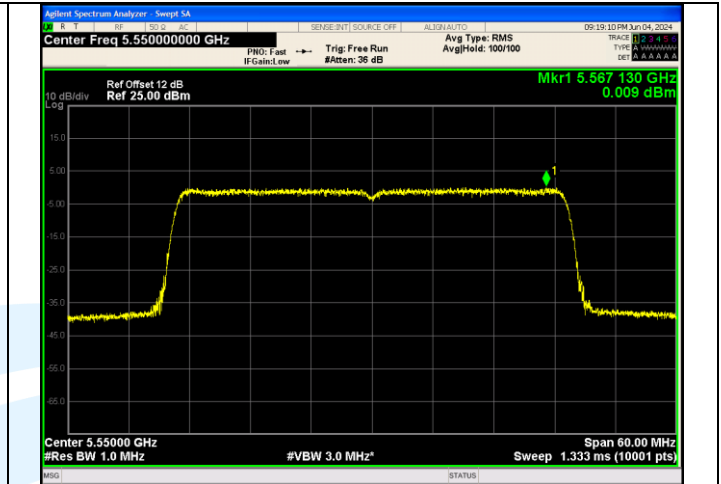
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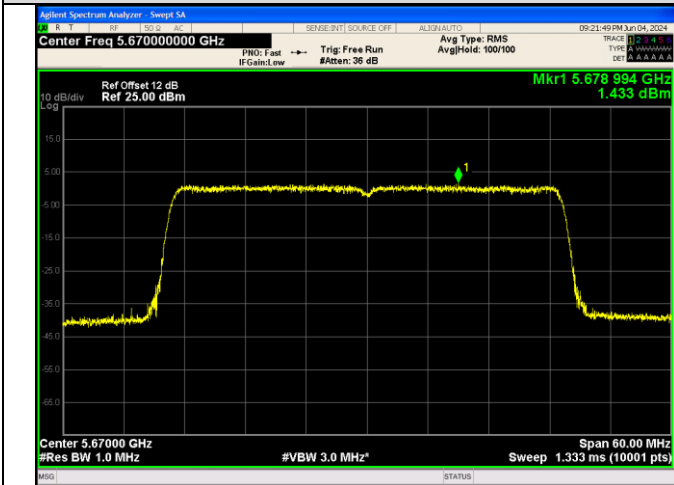
IEEE 802.11ax\_Channel 62\_40MHz\_Antenna 0\_RU&Index SU



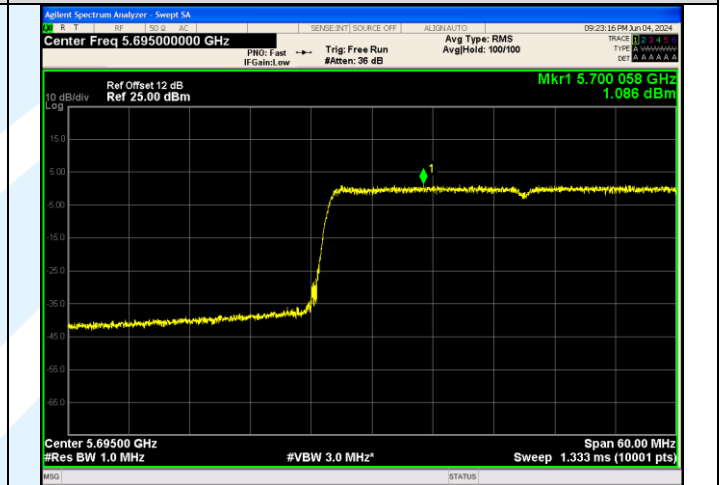
IEEE 802.11ax\_Channel 102\_40MHz\_Antenna 0\_RU&Index SU



IEEE 802.11ax\_Channel 110\_40MHz\_Antenna 0\_RU&Index SU



IEEE 802.11ax\_Channel 134\_40MHz\_Antenna 0\_RU&Index SU

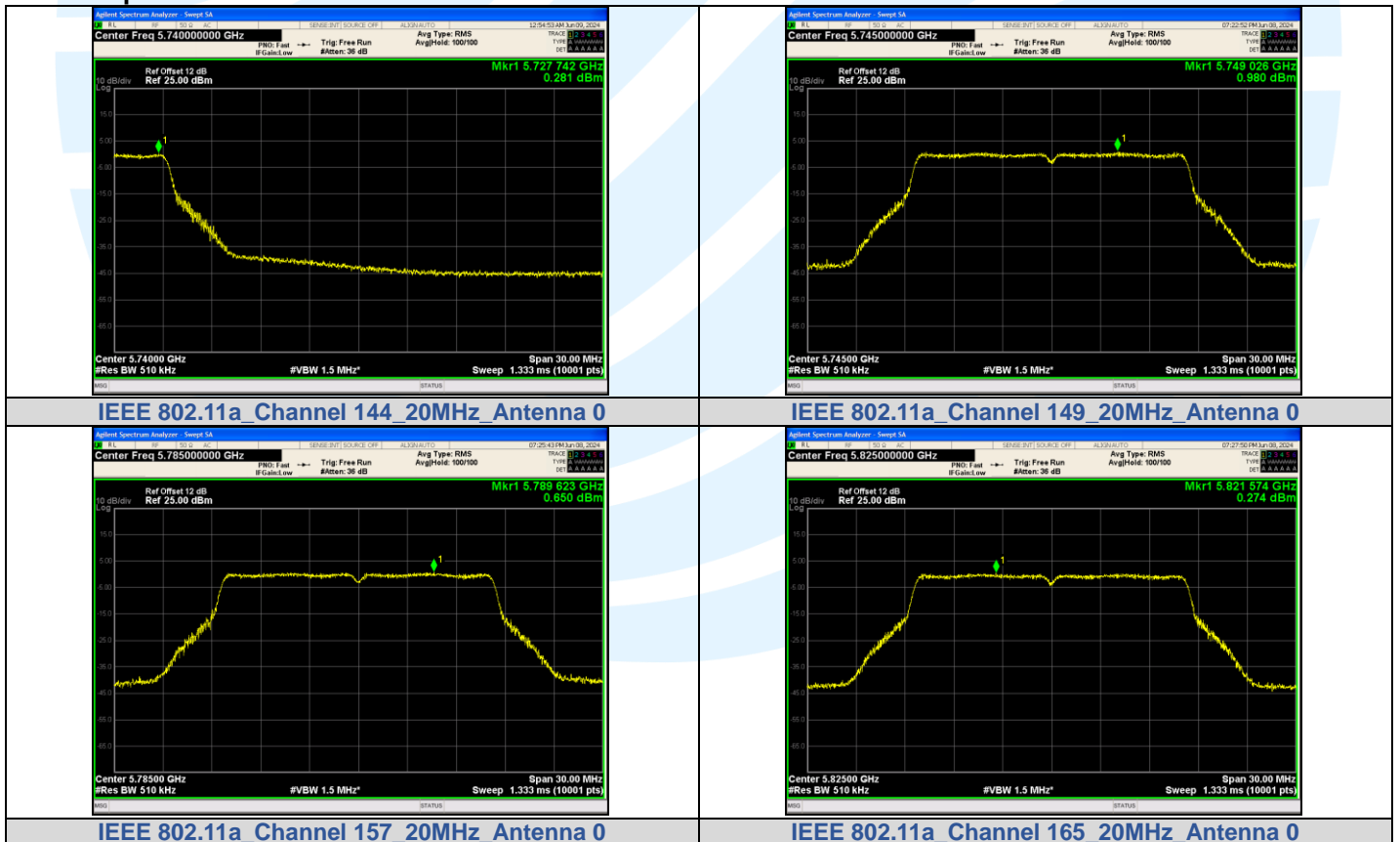


IEEE 802.11ax\_Channel 142\_40MHz\_Antenna 0\_RU&Index SU

For U-NII-3 Band

Mode	Channel	RU & Index	Meas PSD (dBm/MHz)	Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)	Result	
IEEE 802.11a	144	N/A	0.281	0.396	11	PASS	
	149		0.980	1.095	30	PASS	
	157		0.650	0.765		PASS	
	165		0.274	0.389	PASS		
IEEE 802.11n_20	144		-0.050	0.067	11	PASS	
	149		0.710	0.827	30	PASS	
	157		0.458	0.576		PASS	
IEEE 802.11n_40	144		-3.609	-3.4	11	PASS	
	151		-2.544	-2.335	30	PASS	
	159		-2.485	-2.276		PASS	
IEEE 802.11ac_20	144		SU	0.443	0.553	11	PASS
	149			0.540	0.65	30	PASS
	157			0.494	0.604		PASS
	165			0.276	0.386	PASS	
IEEE 802.11ac_40	142			-2.886	-2.764	11	PASS
	151			-2.476	-2.354	30	PASS
	159	-2.836		-2.714	PASS		
IEEE 802.11ax_20	144	SU		-1.029	-0.894	11	PASS
	149		0.202	0.337	30	PASS	
	157		0.154	0.289		PASS	
	165		-0.140	-0.005		PASS	
IEEE 802.11ax_40	142		-3.464	-3.33	11	PASS	
	151		-2.462	-2.328	30	PASS	
	159		-2.981	-2.847		PASS	

Test Graphs



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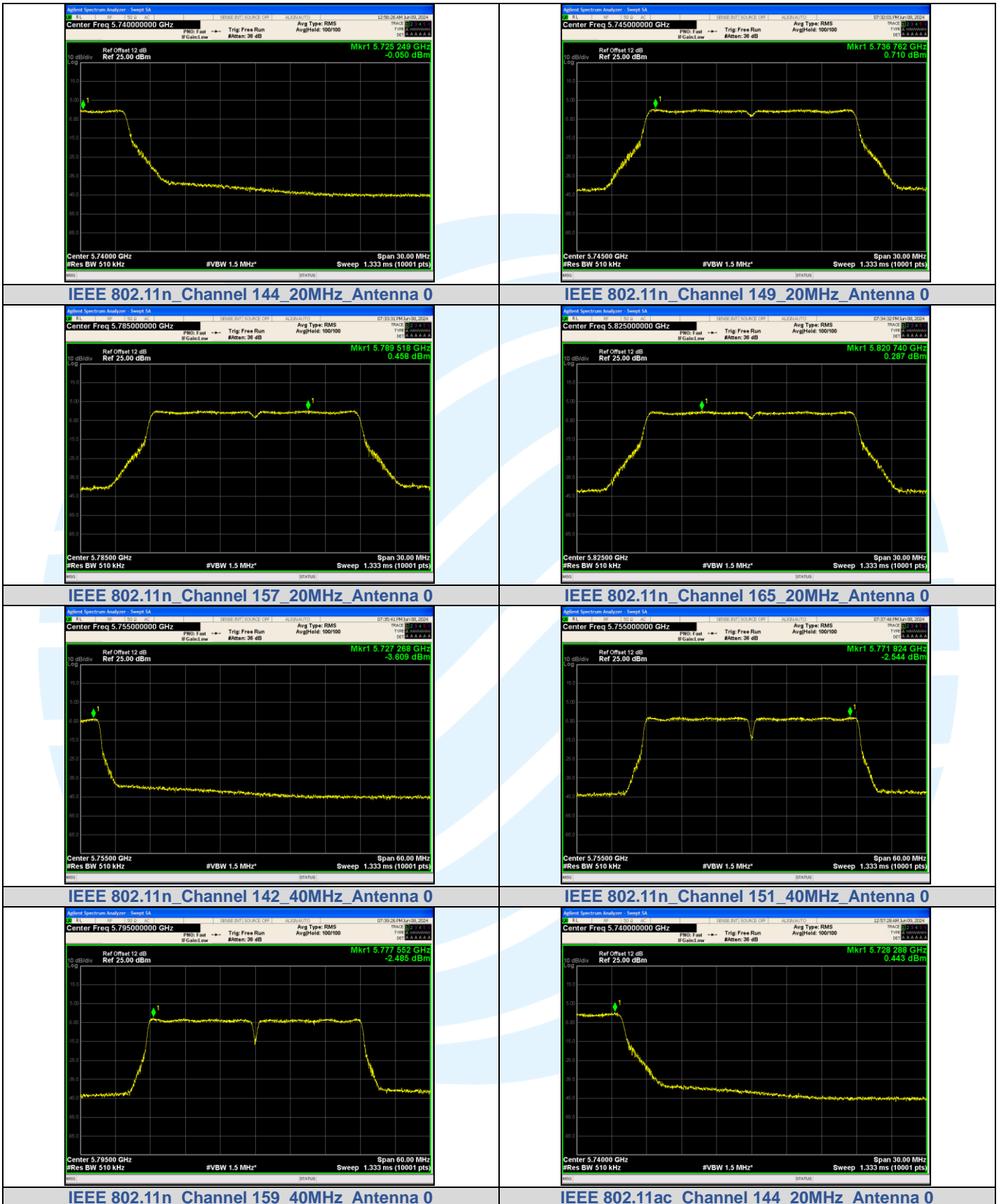
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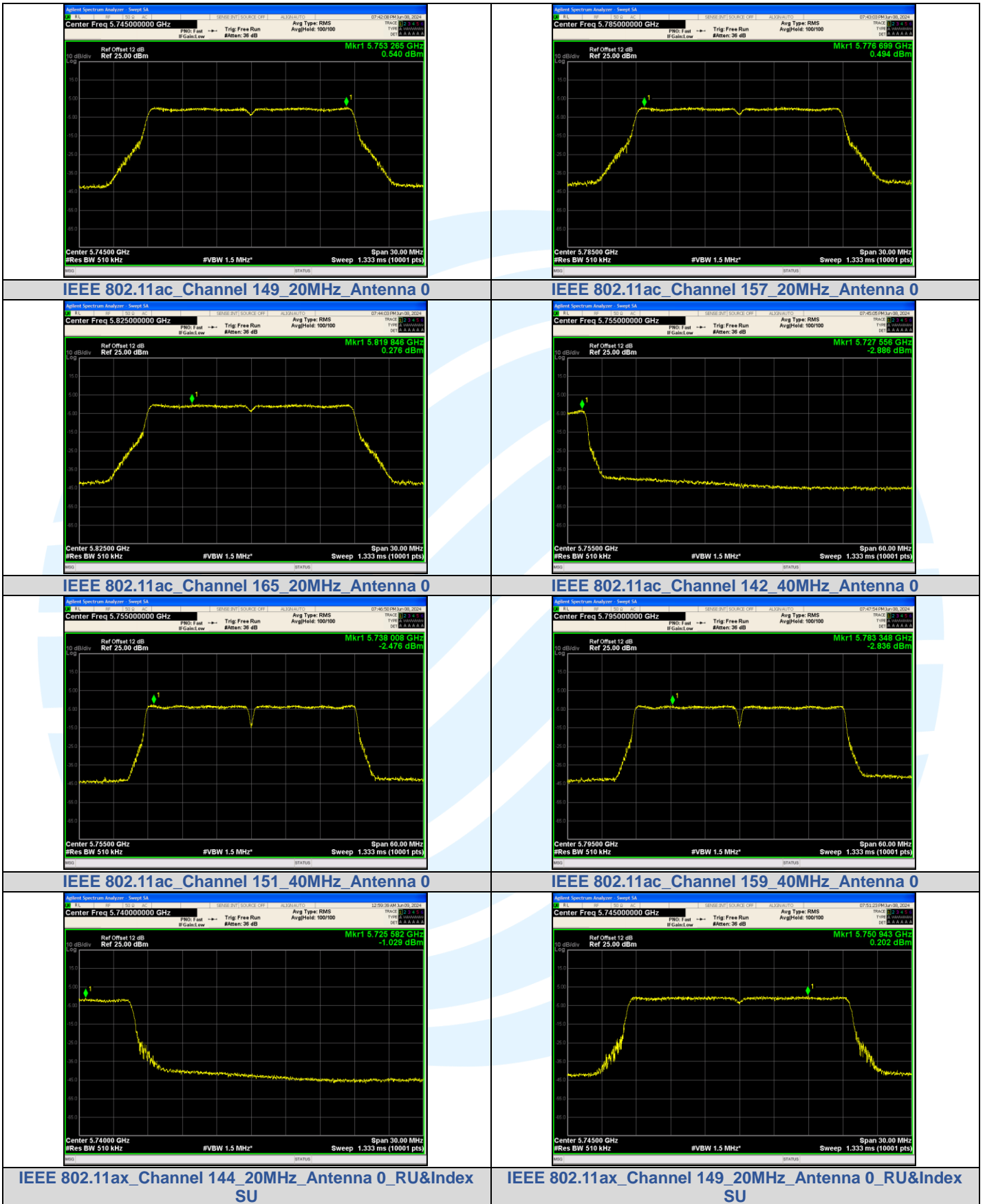
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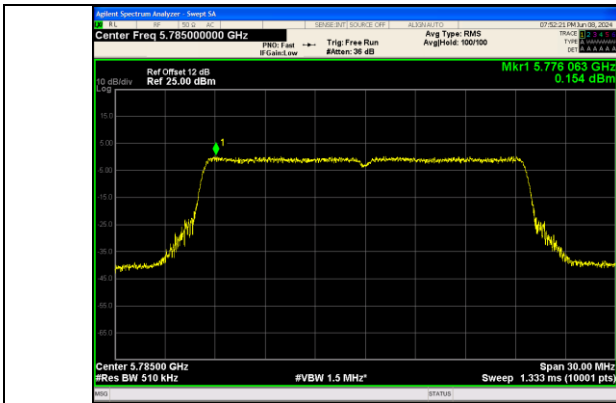
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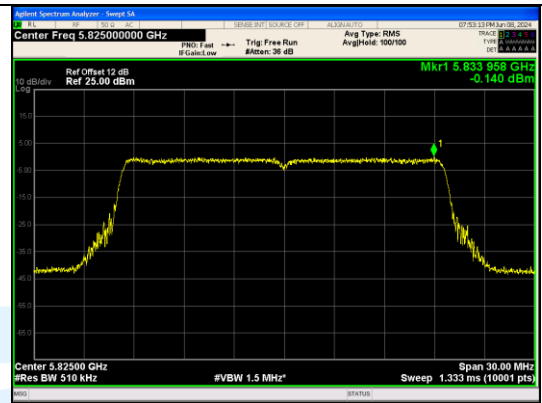
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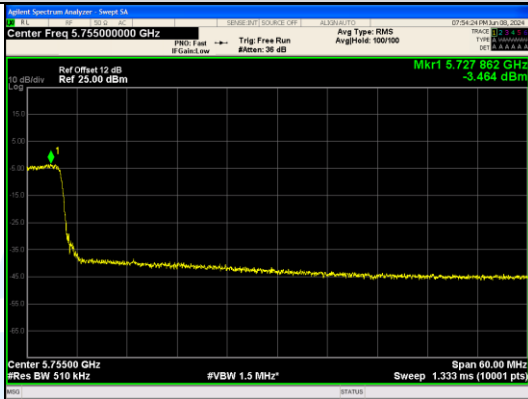




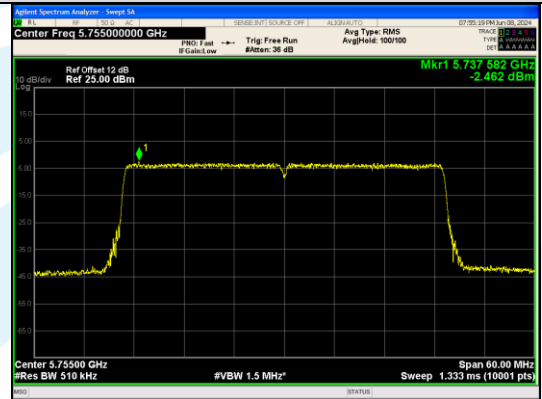
IEEE 802.11ax\_Channel 157\_20MHz\_Antenna 0\_RU&Index SU



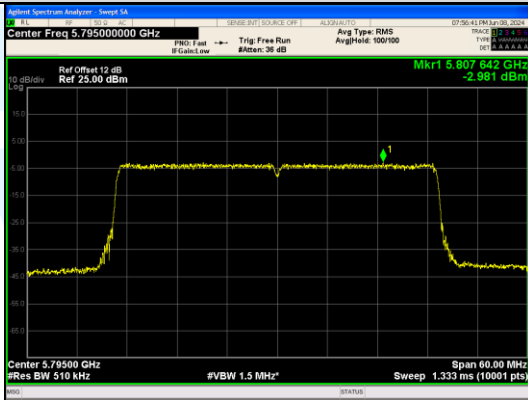
IEEE 802.11ax\_Channel 165\_20MHz\_Antenna 0\_RU&Index SU



IEEE 802.11ax\_Channel 142\_40MHz\_Antenna 0\_RU&Index SU



IEEE 802.11ax\_Channel 151\_40MHz\_Antenna 0\_RU&Index SU



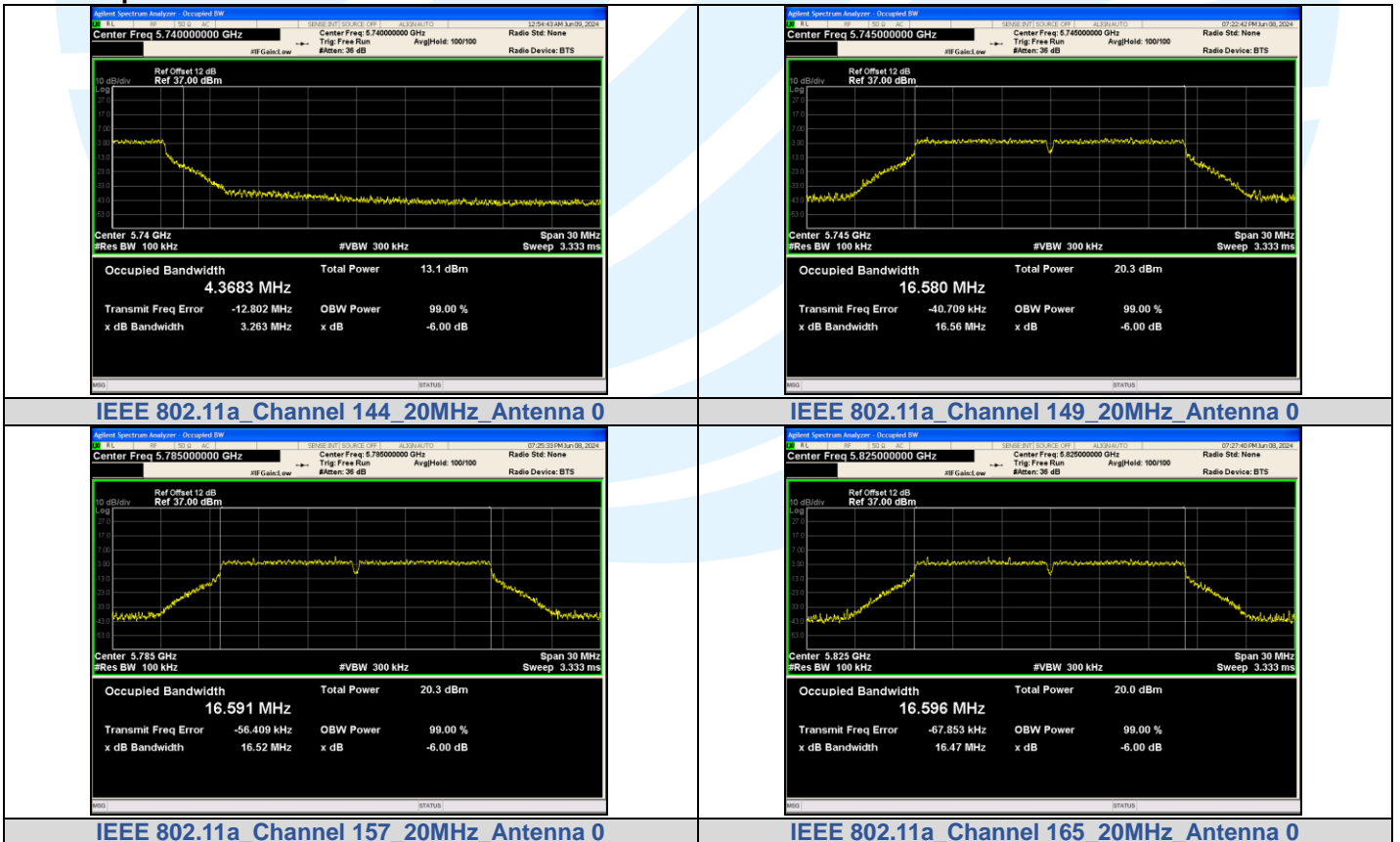
IEEE 802.11ax\_Channel 159\_40MHz\_Antenna 0\_RU&Index SU

### 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	3.263	≥0.5	PASS	
	149			5745	16.56		PASS	
	157			5785	16.52		PASS	
	165			5825	16.47		PASS	
IEEE 802.11n_20	144			5740	3.881		PASS	
	149			5745	17.64		PASS	
	157			5785	17.71		PASS	
	165			5825	17.70		PASS	
IEEE 802.11n_40	142			5755	3.148		PASS	
	151			5755	36.32		PASS	
	159			5795	36.35		PASS	
IEEE 802.11ac_20	144			SU	5740		3.782	PASS
	149				5745		17.69	PASS
	157				5785		17.64	PASS
	165				5825		17.69	PASS
IEEE 802.11ac_40	142				5755		3.242	PASS
	151	5755	36.34		PASS			
	159	5795	36.35		PASS			
	144	5740	4.524		PASS			
IEEE 802.11ax_20	149	5745	19.12		PASS			
	157	5785	19.06		PASS			
	165	5825	19.02		PASS			
	142	5755	4.038		PASS			
IEEE 802.11ax_40	151	5755	37.89	PASS				
	159	5795	37.91	PASS				

### Test Graphs



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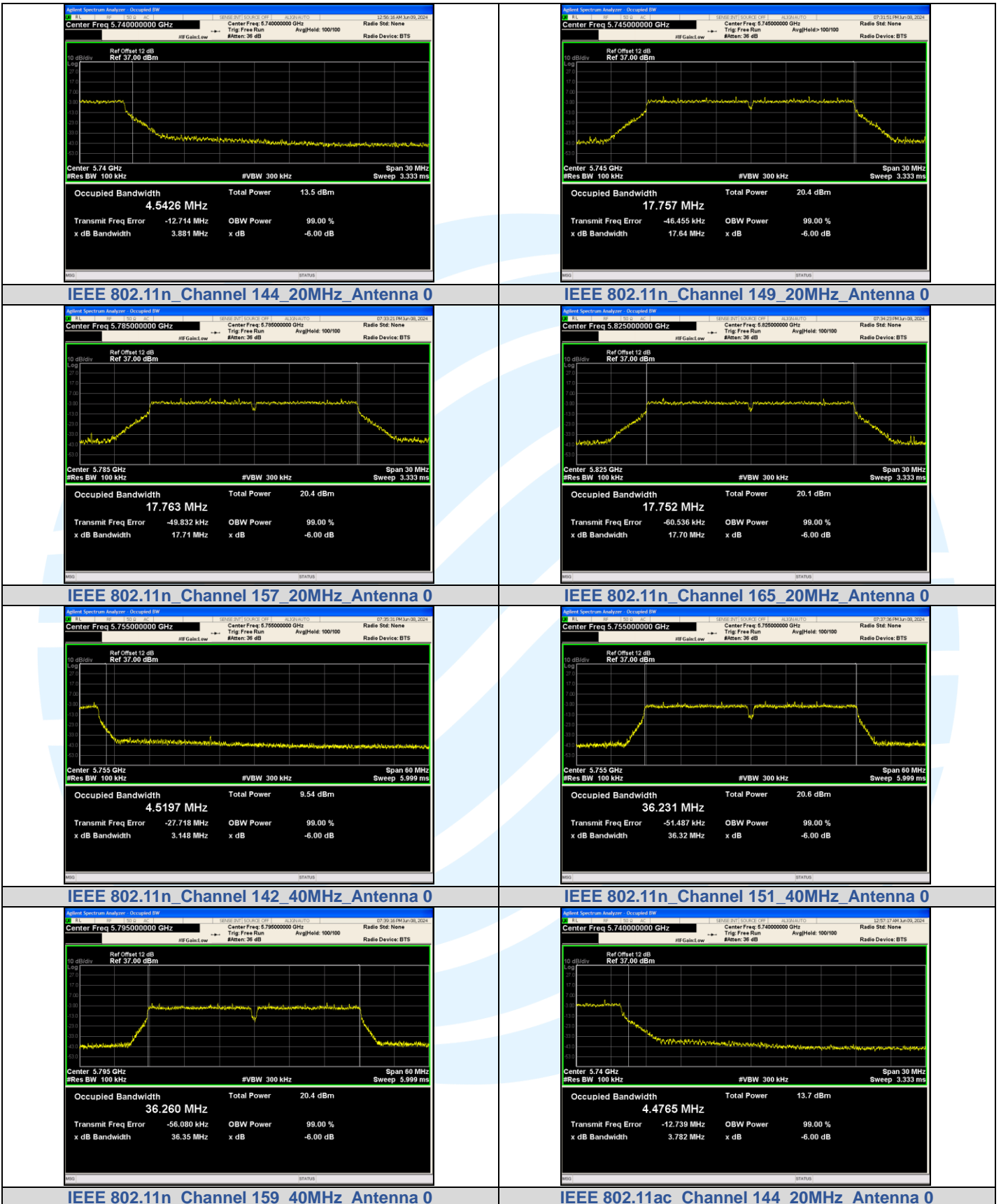
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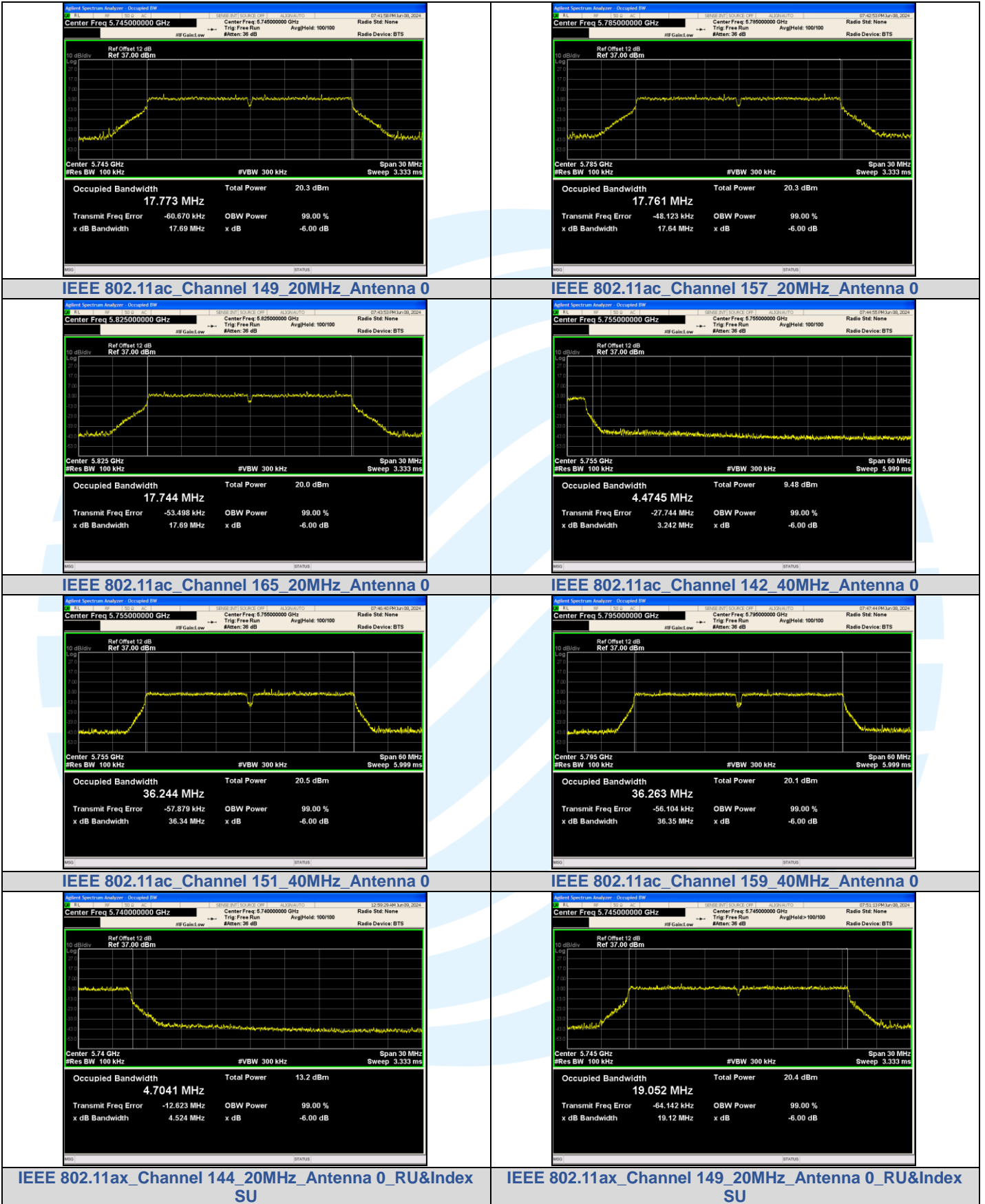
Fax: +86-755-28230886

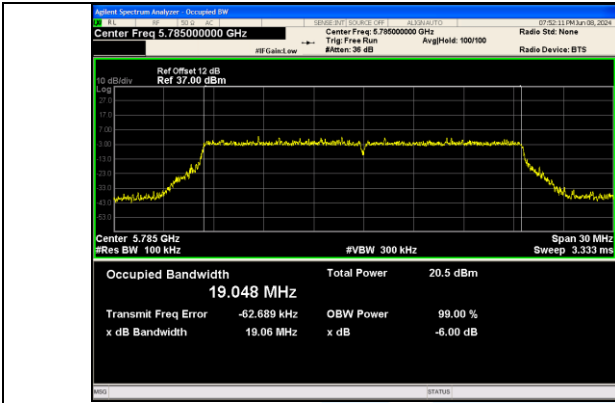
E-mail: info@uttlab.com

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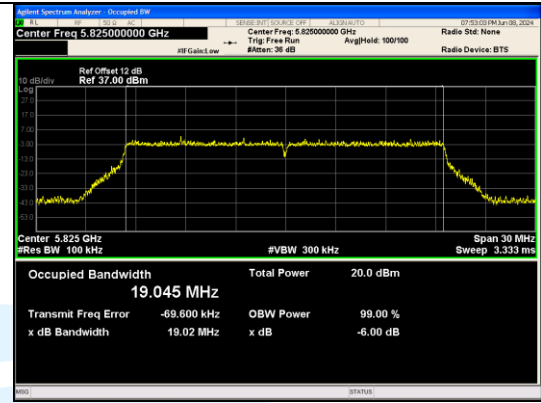
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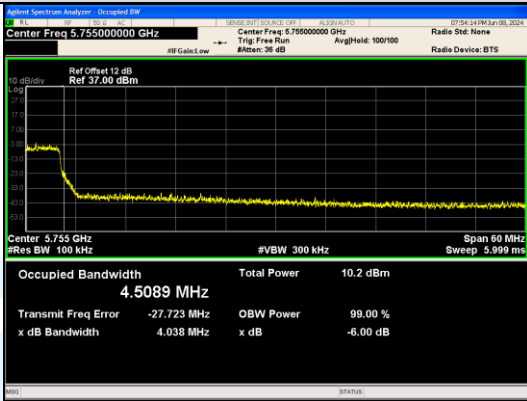




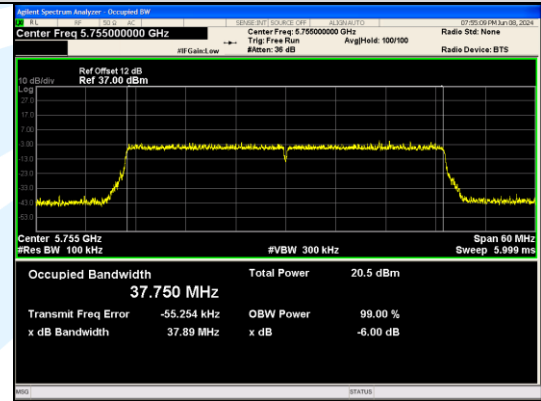
IEEE 802.11ax\_Channel 157\_20MHz\_Antenna 0\_RU&Index SU



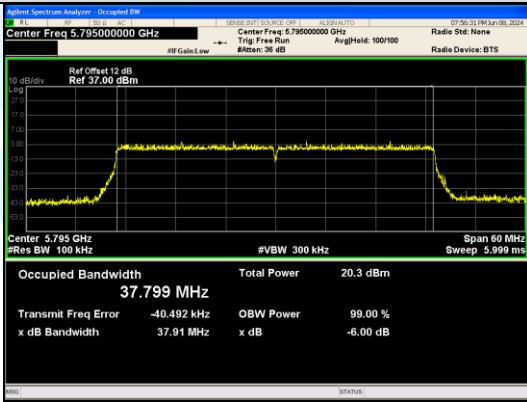
IEEE 802.11ax\_Channel 165\_20MHz\_Antenna 0\_RU&Index SU



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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