

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

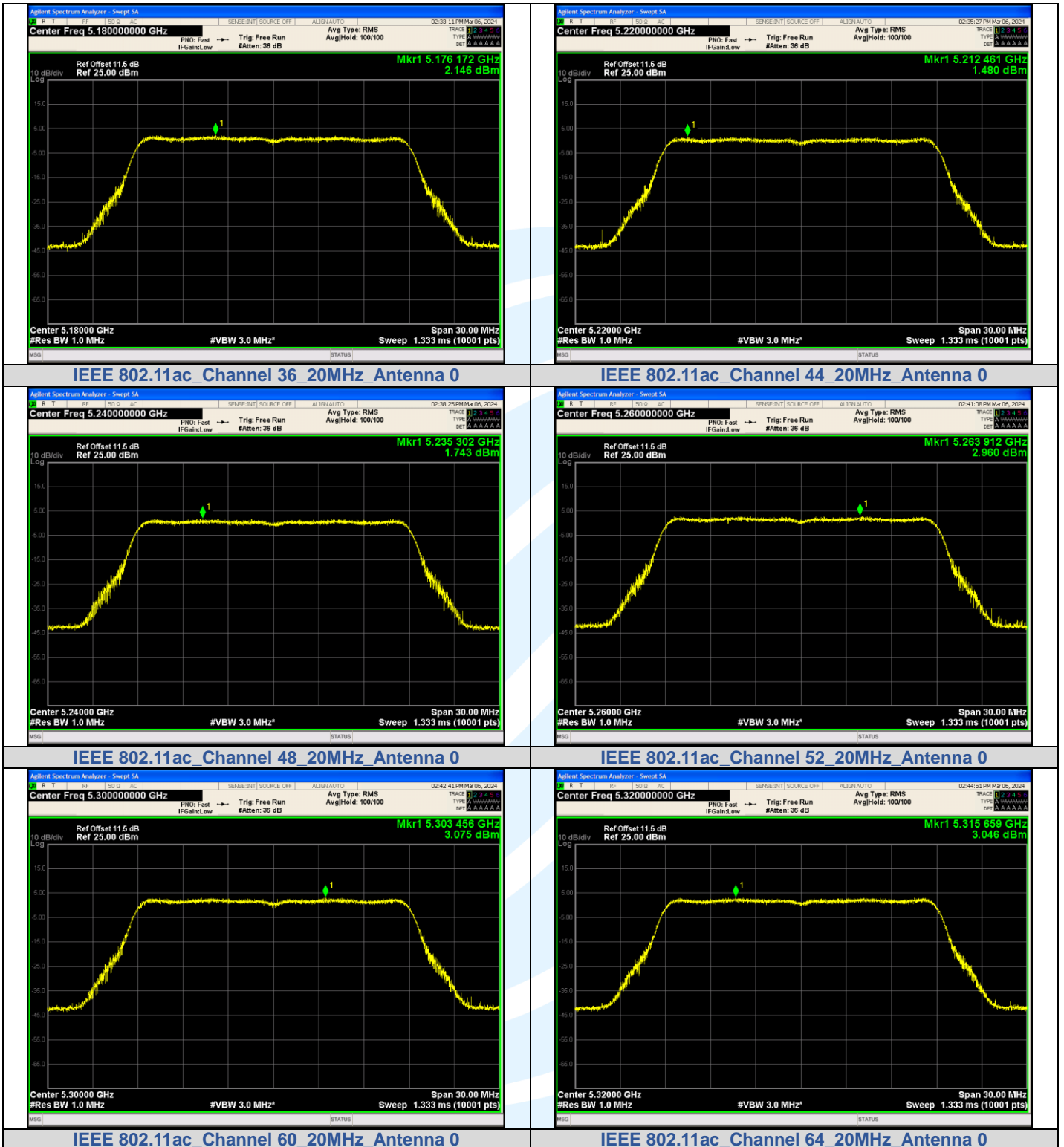
Tel: +86-755-28230888

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UTTR-RF-RSS247-V1.1



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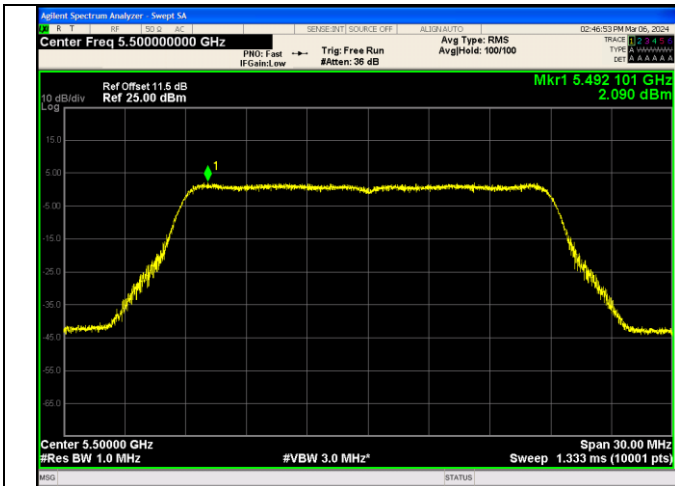
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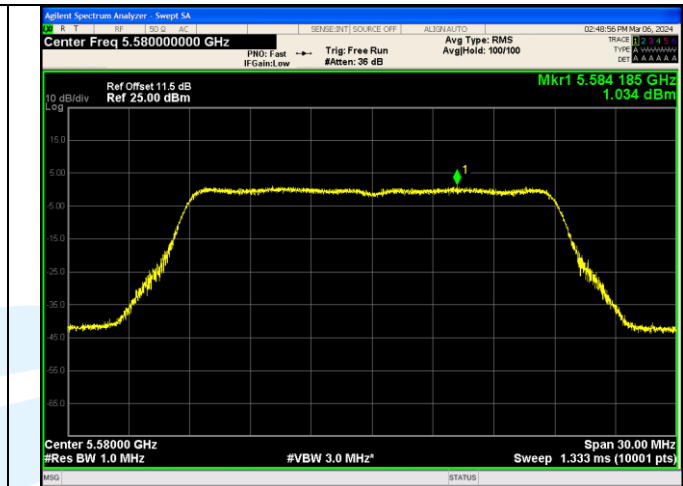
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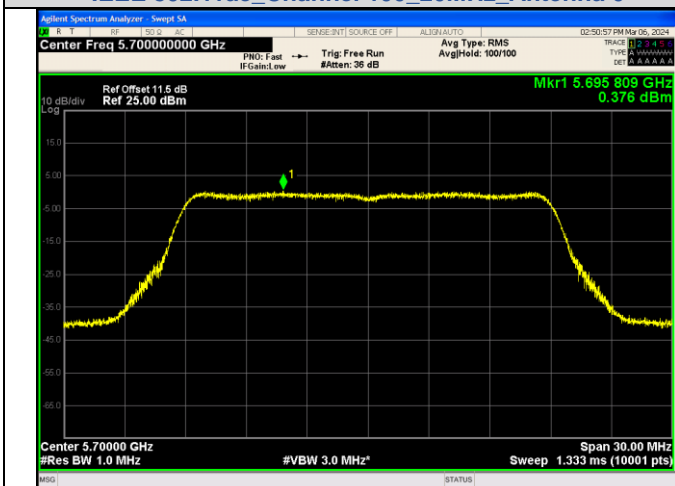
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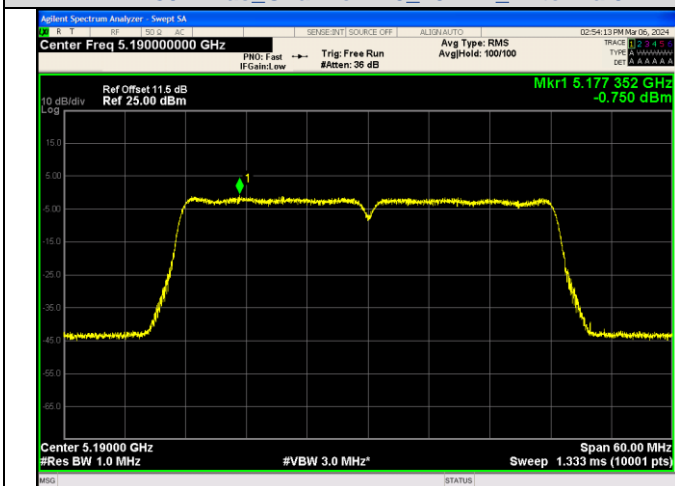
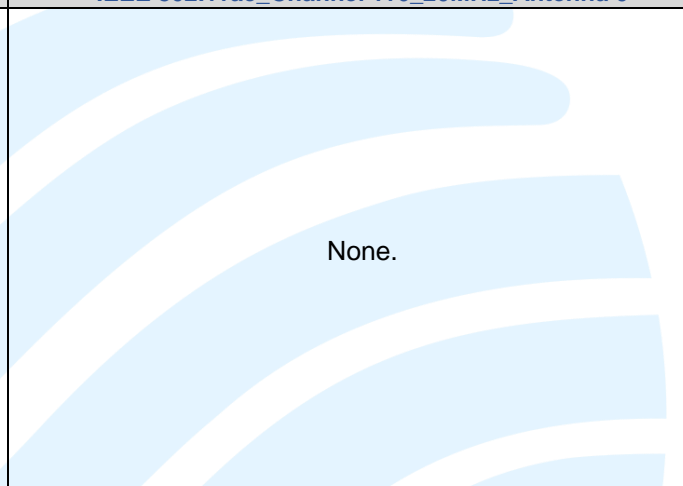
IEEE 802.11ac_Channel 100_20MHz_Antenna 0



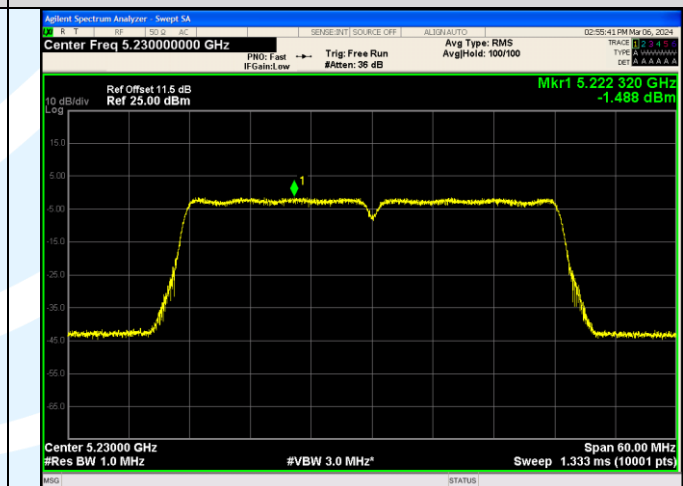
IEEE 802.11ac_Channel 116_20MHz_Antenna 0



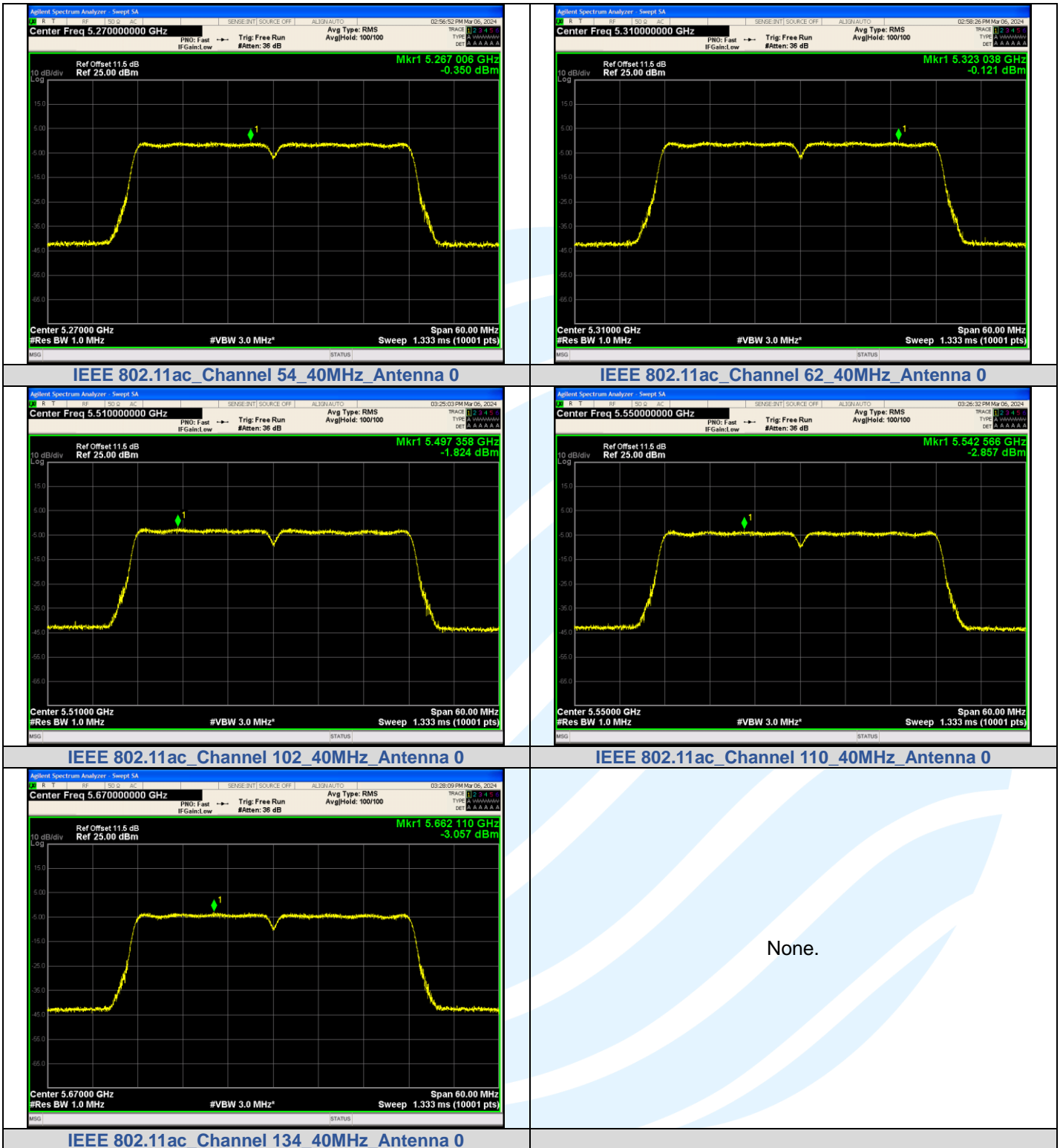
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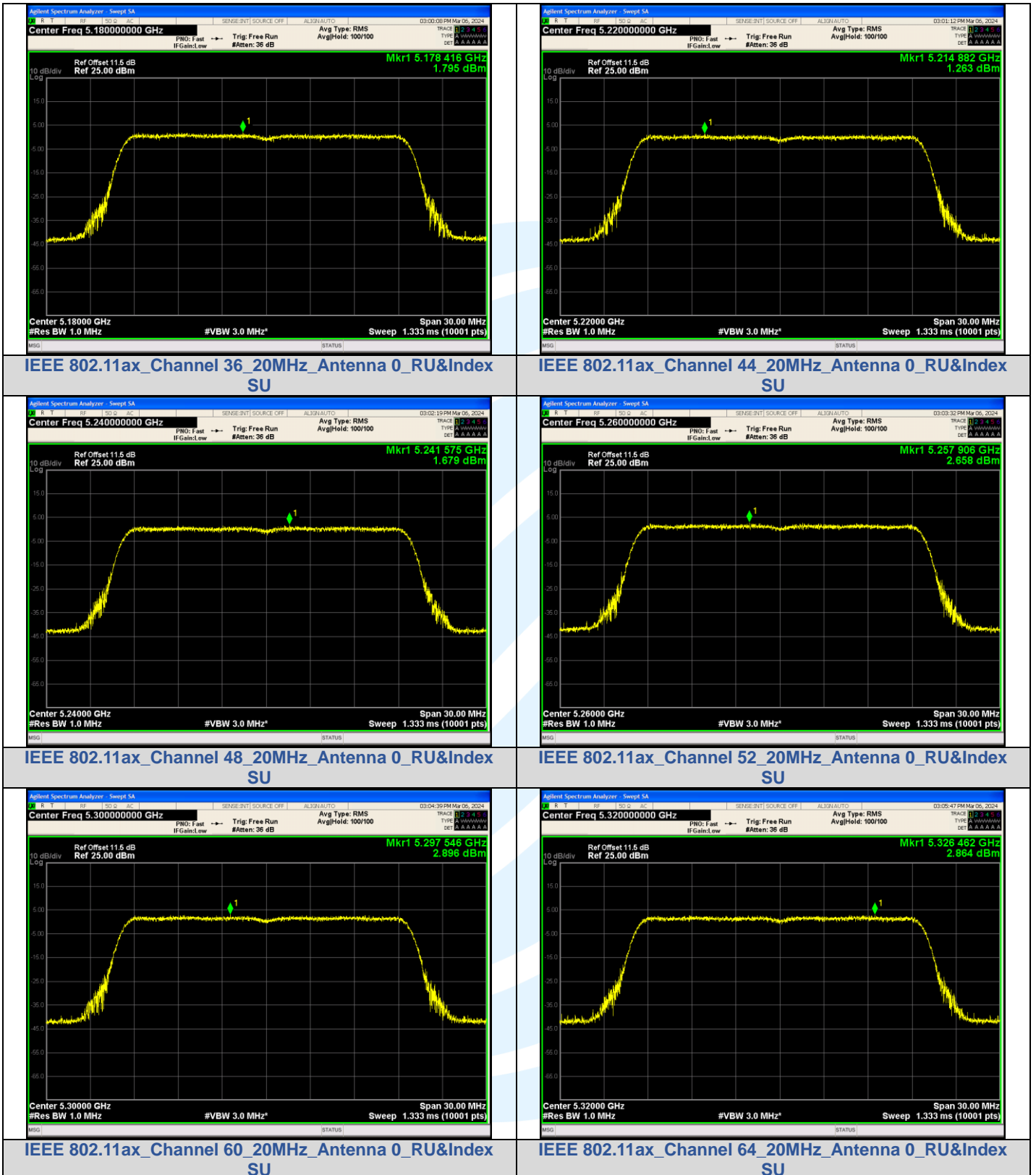
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



None.



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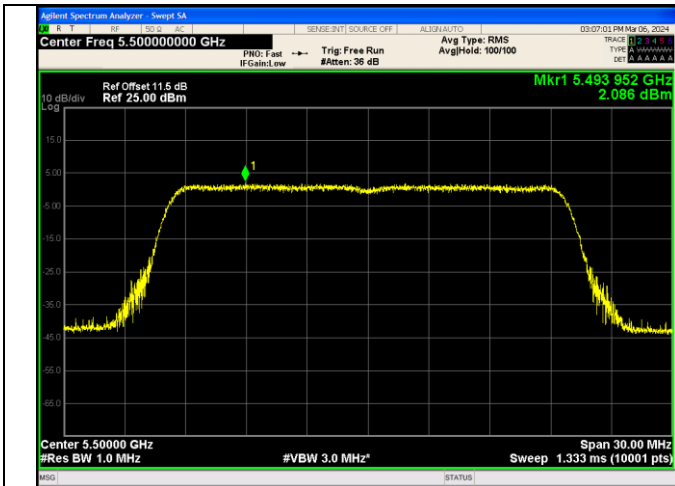
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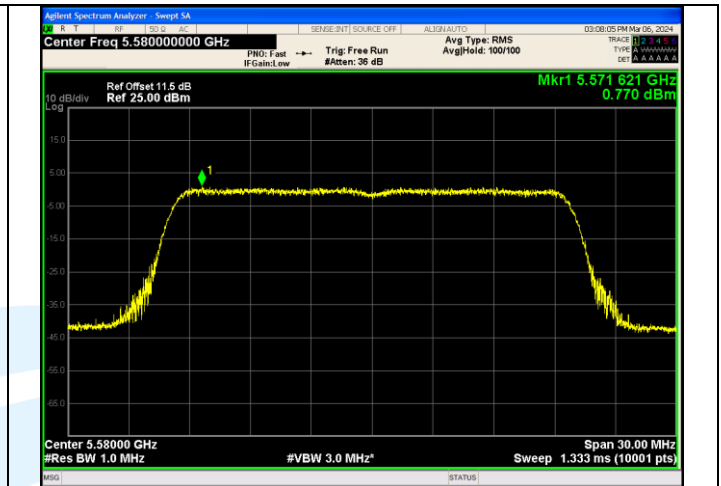
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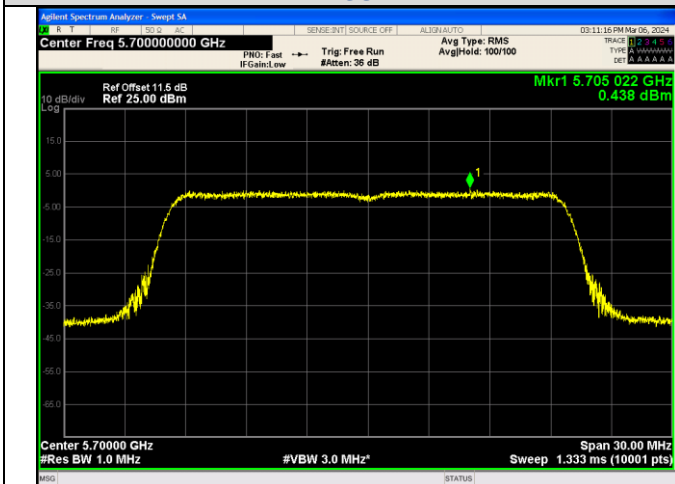
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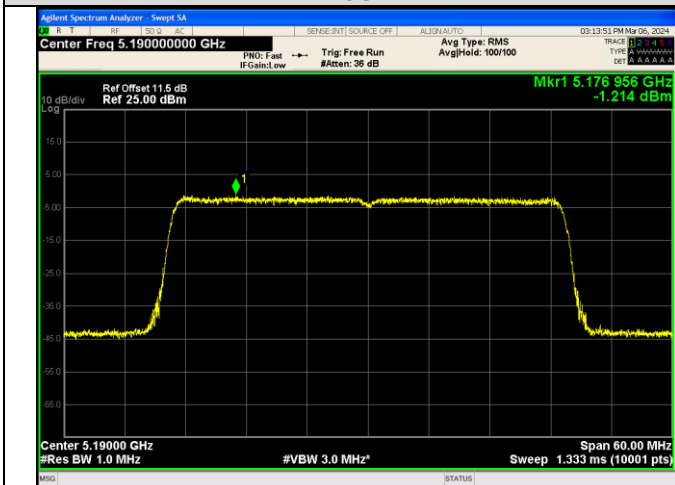
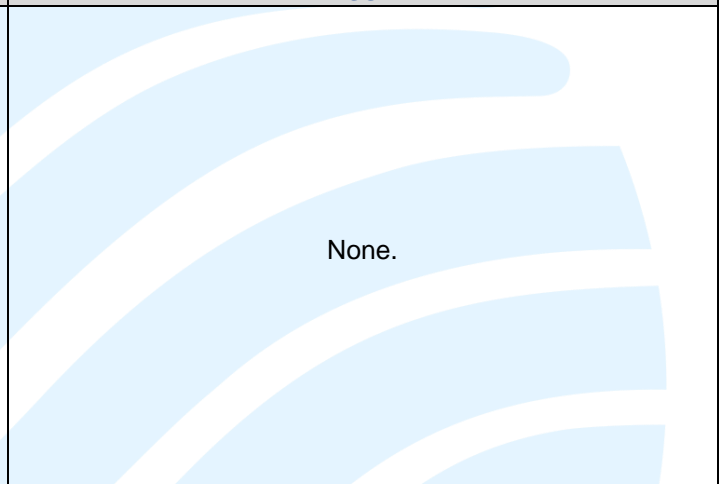
IEEE 802.11ax_Channel 100_20MHz_Antenna 0_RU&Index SU



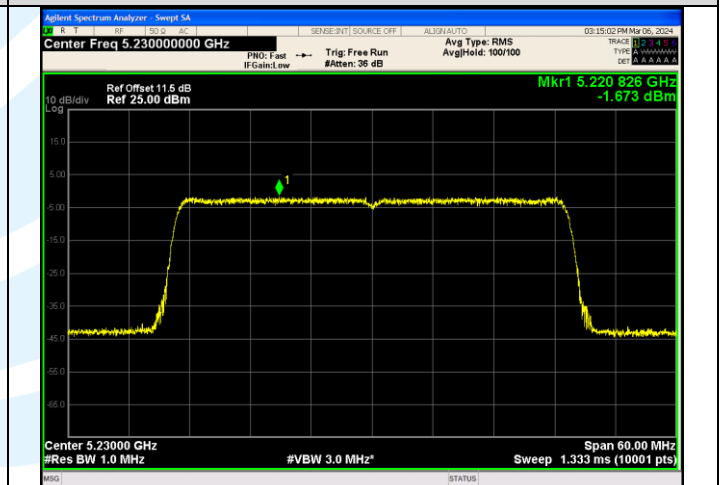
IEEE 802.11ax_Channel 116_20MHz_Antenna 0_RU&Index SU



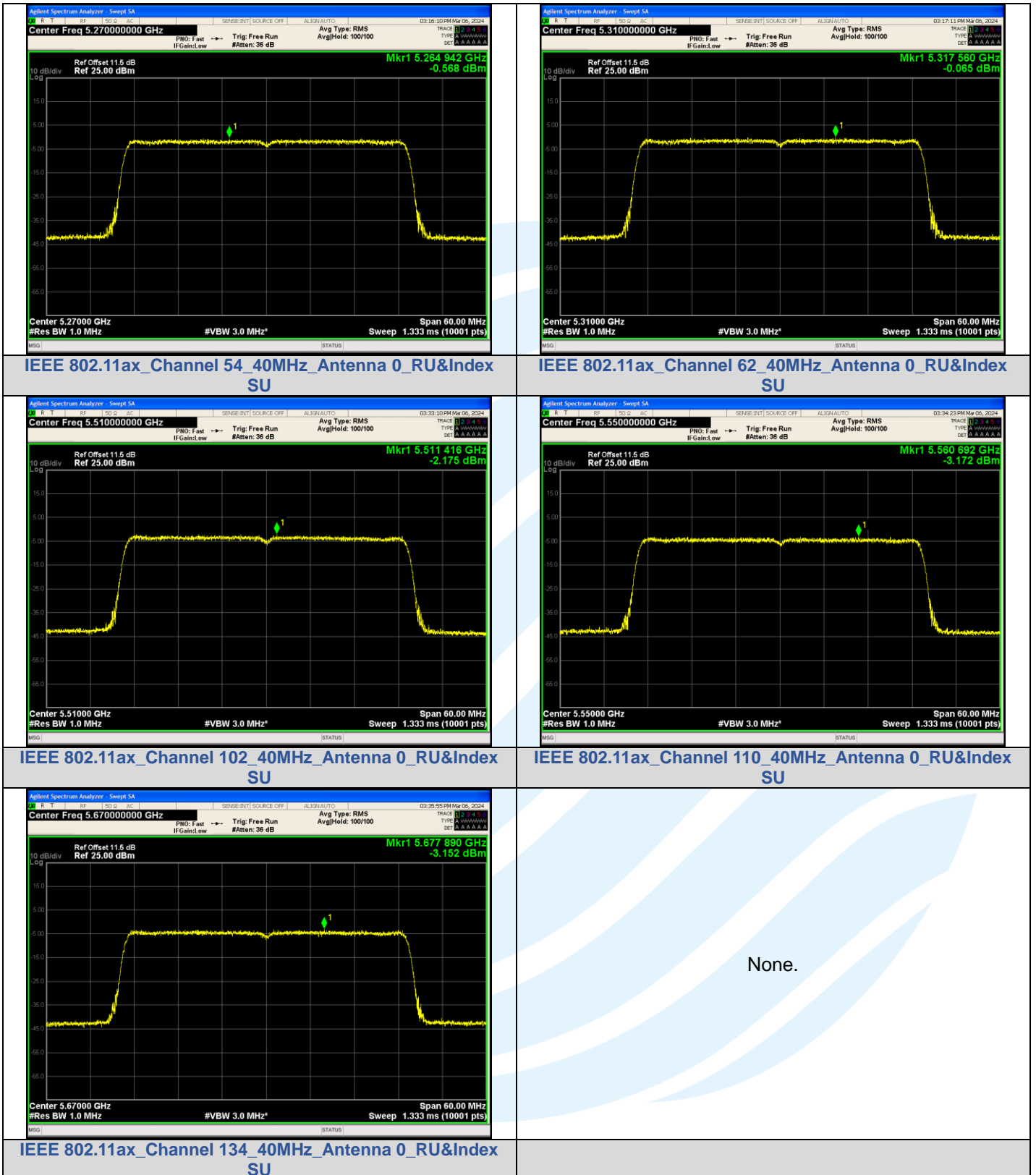
IEEE 802.11ax_Channel 140_20MHz_Antenna 0_RU&Index SU

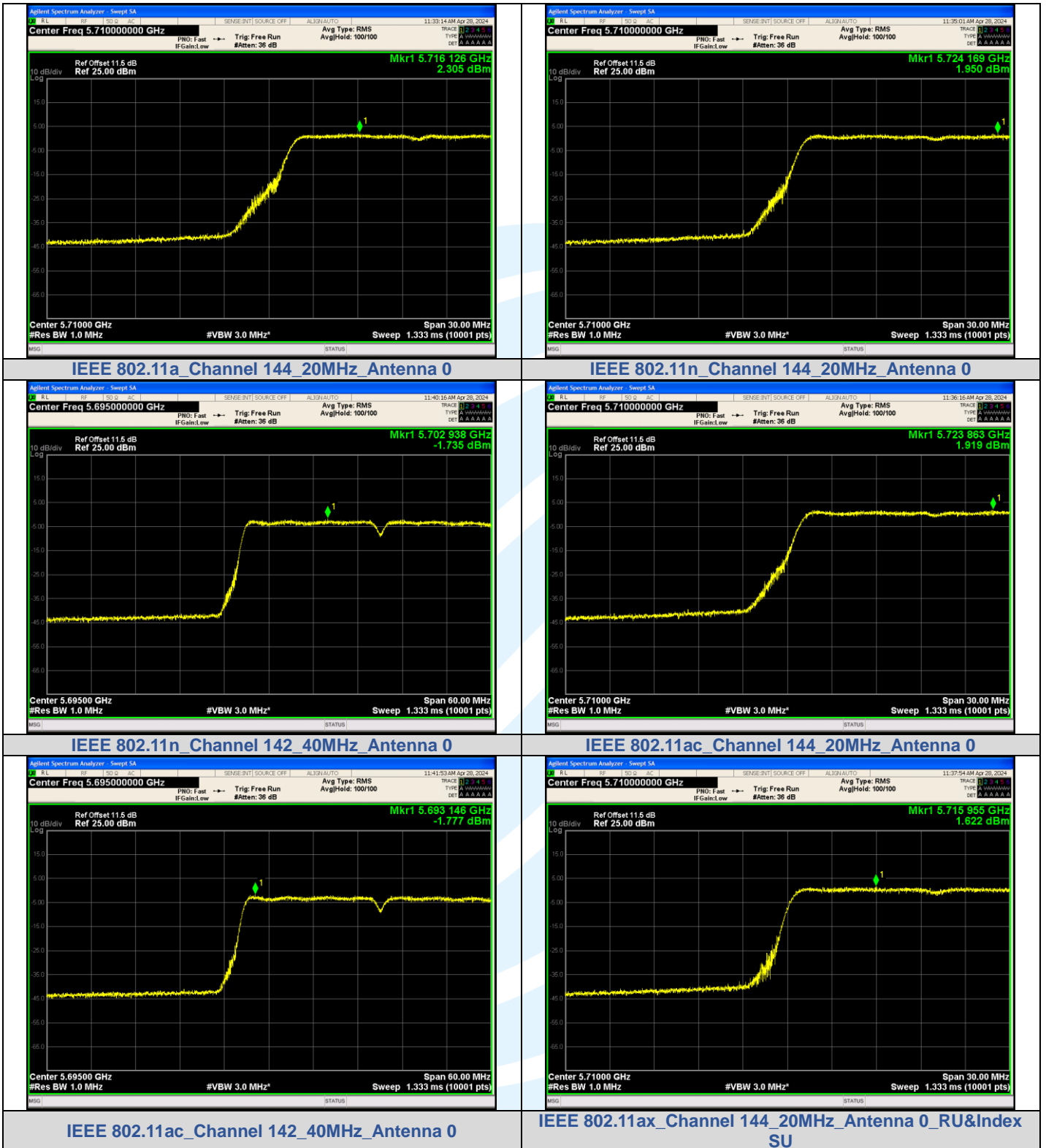


IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU





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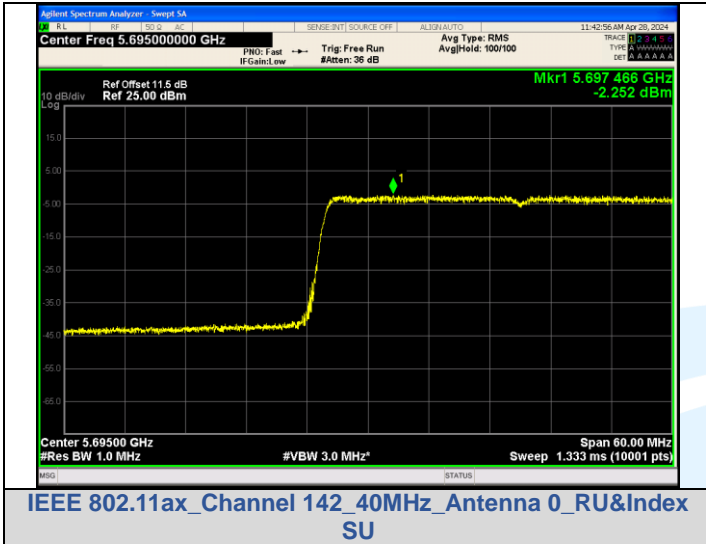
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For U-NII-3 band

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result	
IEEE 802.11a	149	N/A	-1.663	-1.543	30	PASS	
	157		-1.391	-1.271		PASS	
	165		-1.303	-1.183		PASS	
IEEE 802.11n_20	149		-1.987	-1.867		PASS	
	157		-1.803	-1.683		PASS	
	165		-1.476	-1.356		PASS	
IEEE 802.11n_40	151		-4.934	-4.724		PASS	
	159		-4.775	-4.565		PASS	
IEEE 802.11ac_20	149		-2.046	-1.926		PASS	
	157		-1.811	-1.691		PASS	
	165		-1.685	-1.565		PASS	
IEEE 802.11ac_40	151		-5.036	-4.916		PASS	
	159		-5.158	-5.038		PASS	
IEEE 802.11ax_20	149		SU	-2.101		-1.961	PASS
	157			-2.138		-1.998	PASS
	165	-2.060		-1.920	PASS		
IEEE 802.11ax_40	151	-4.823		-4.683	PASS		
	159	-5.224		-5.084	PASS		

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	144	N/A	-1.424	-1.304	30	PASS
IEEE 802.11n_20	144		-1.336	-1.216		PASS
IEEE 802.11n_40	142		-5.893	-5.683		PASS
IEEE 802.11ac_20	144		-1.244	-1.124		PASS
IEEE 802.11ac_40	142		-5.468	-5.348		PASS
IEEE 802.11ax_20	144	SU	-1.716	-1.576	PASS	
IEEE 802.11ax_40	142		-5.659	-5.519	PASS	

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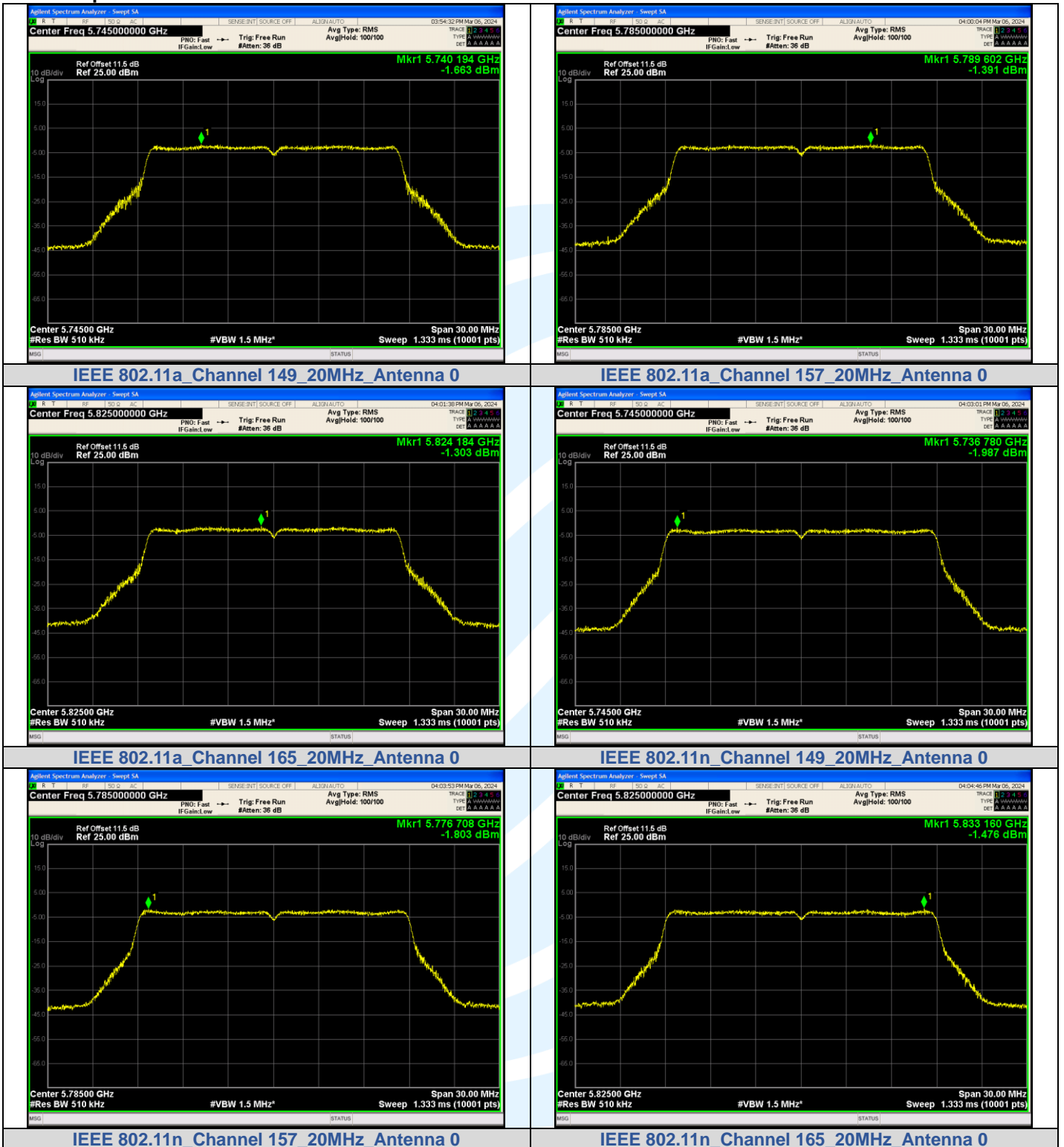
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Test Graphs



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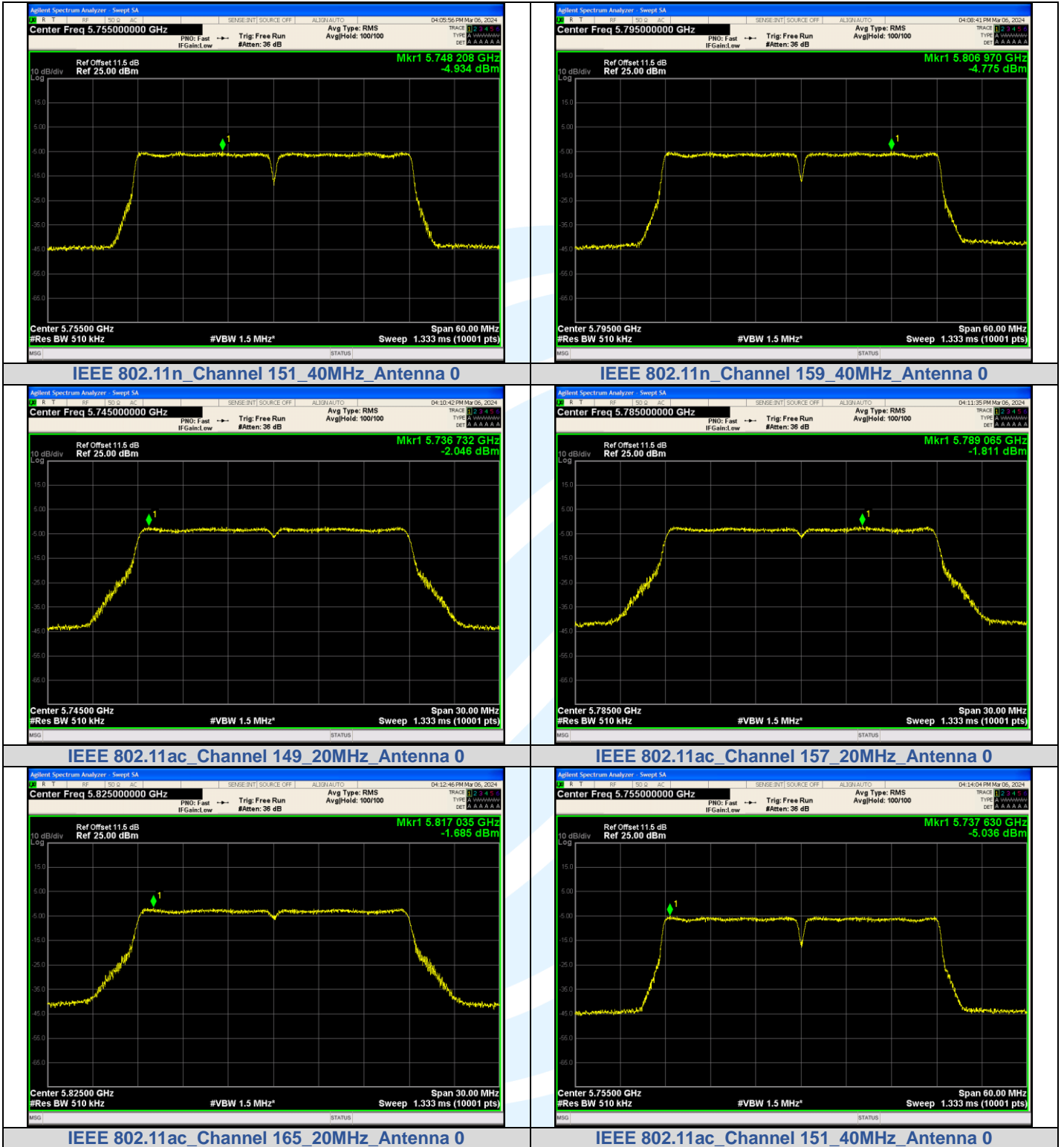
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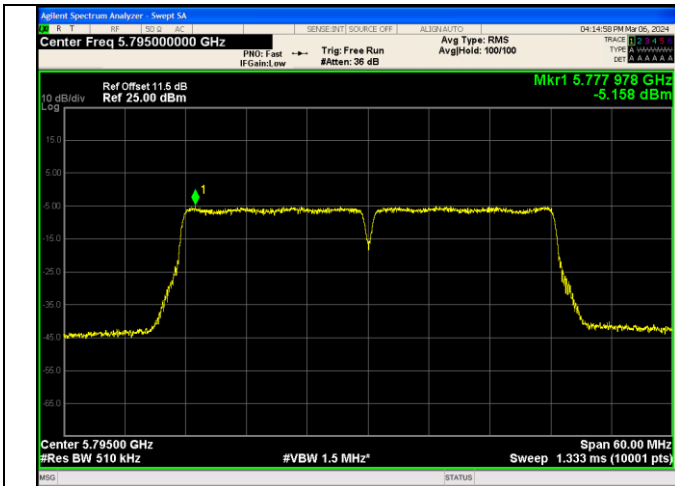
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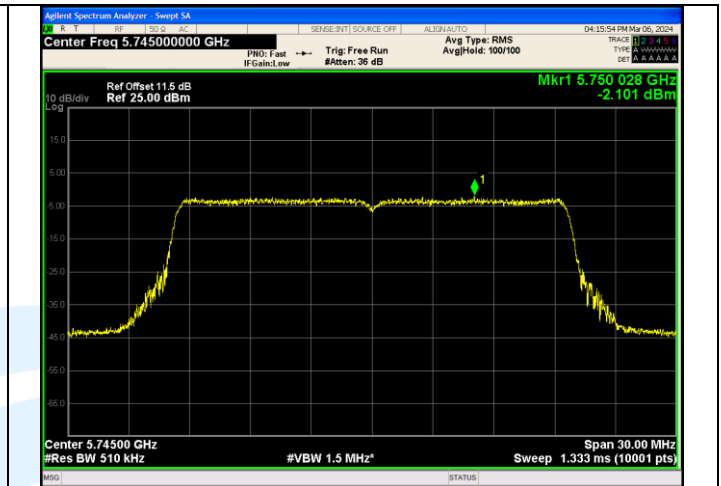
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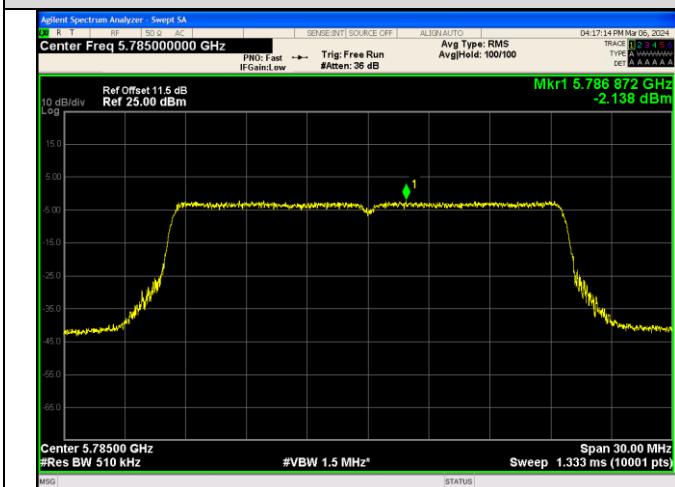
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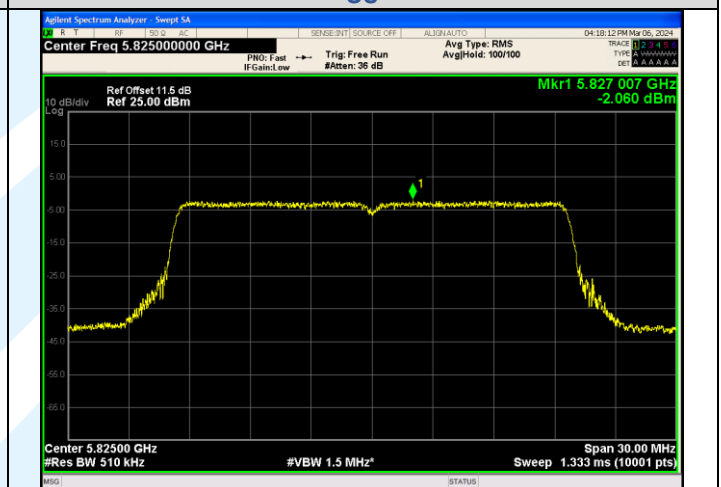
IEEE 802.11ac_Channel 159_40MHz_Antenna 0



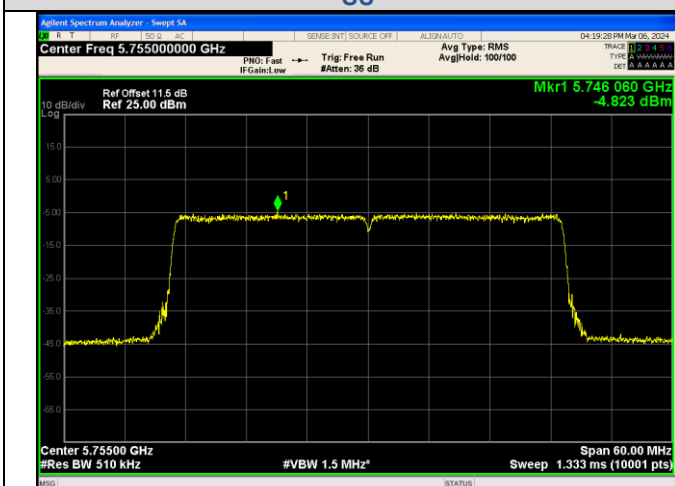
IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



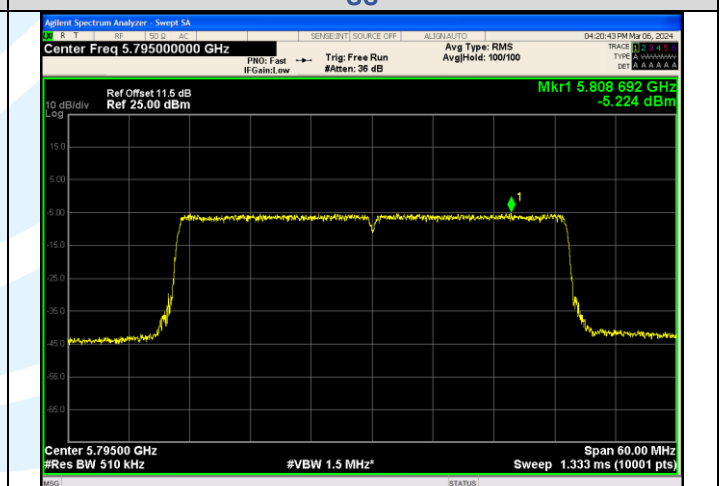
IEEE 802.11ax_Channel 157_20MHz_Antenna 0_RU&Index SU



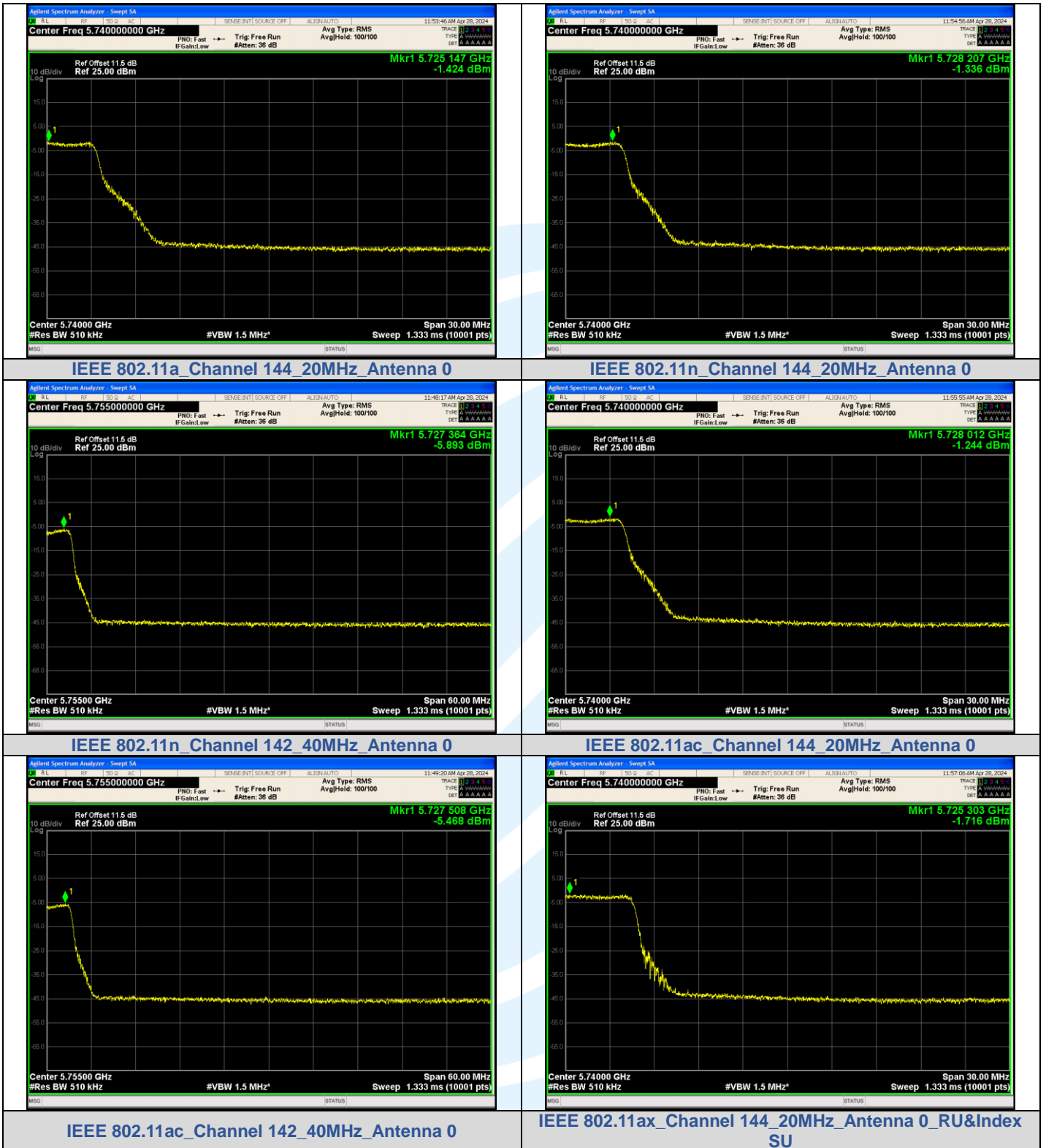
IEEE 802.11ax_Channel 165_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU



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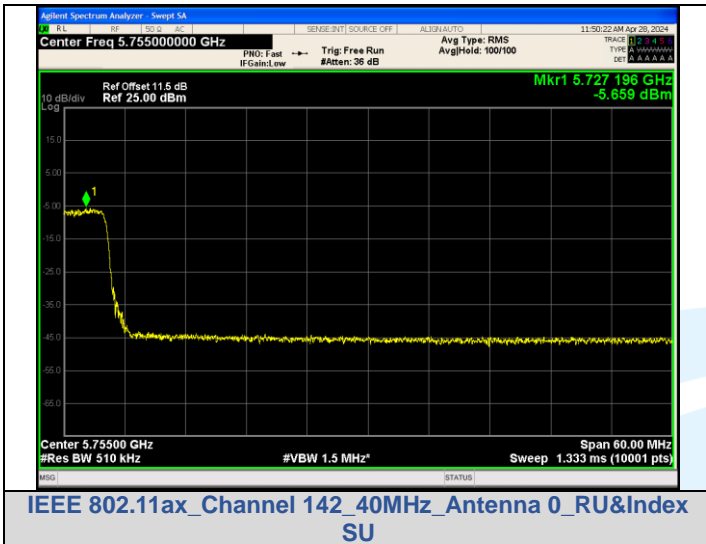
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IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU

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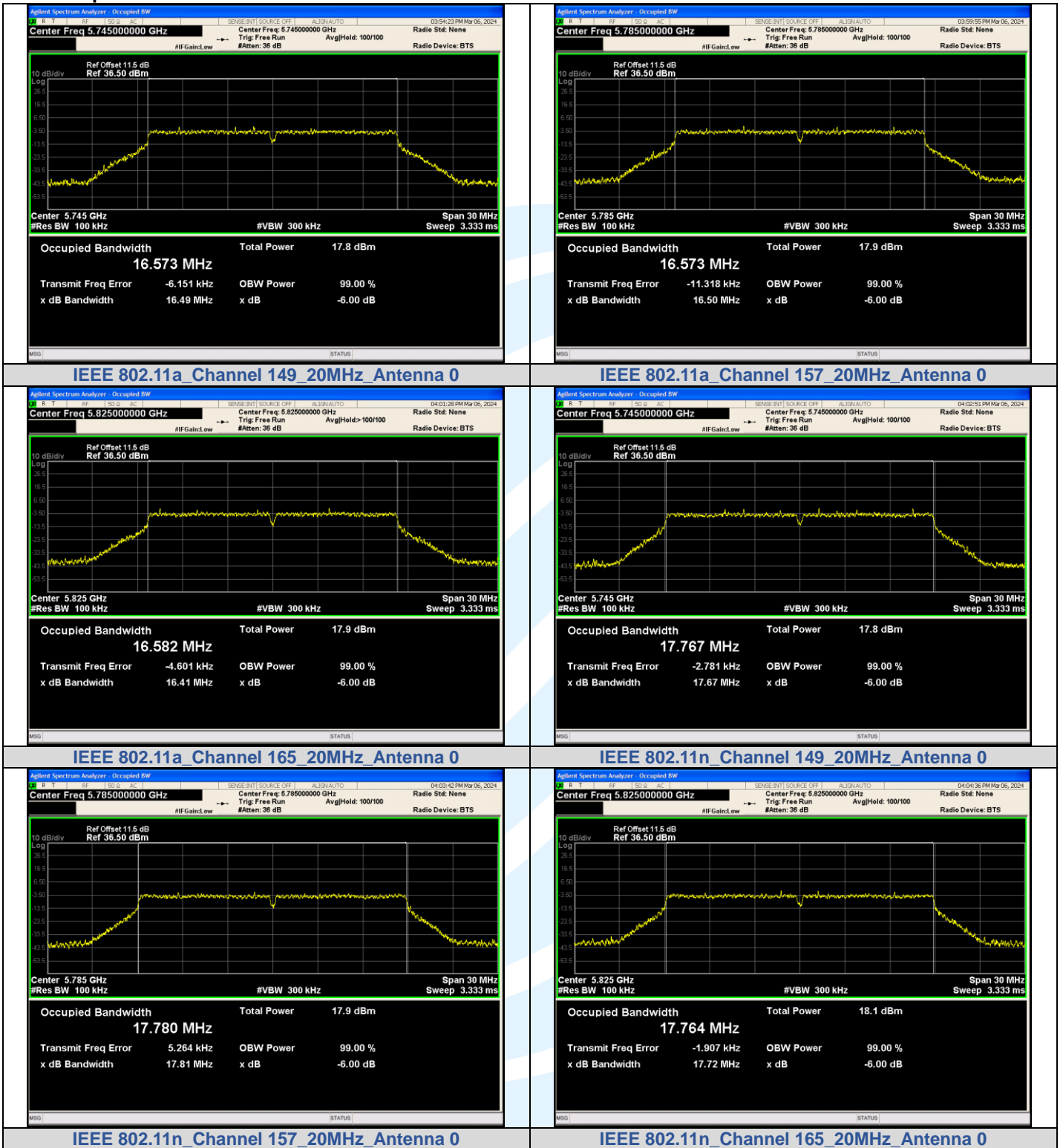
A.4 6DB BANDWIDTH

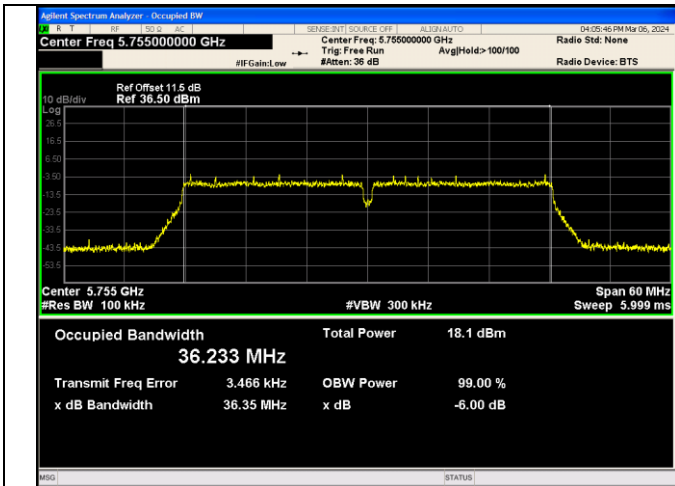
For U-NII-3 band

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result	
IEEE 802.11a	149	N/A	0	5745	16.49	0.5	PASS	
	157			5785	16.50		PASS	
	165			5825	16.41		PASS	
IEEE 802.11n_20	149			5745	17.67		PASS	
	157			5785	17.81		PASS	
	165			5825	17.72		PASS	
IEEE 802.11n_40	151			5755	36.35		PASS	
	159			5795	36.32		PASS	
IEEE 802.11ac_20	149			5745	17.70		PASS	
	157			5785	17.72		PASS	
	165			5825	17.74		PASS	
IEEE 802.11ac_40	151			5755	36.35		PASS	
	159			5795	36.32		PASS	
IEEE 802.11ax_20	149			SU	5745		19.02	PASS
	157				5785		19.08	PASS
	165	5825	19.07		PASS			
IEEE 802.11ax_40	151	5755	38.03		PASS			
	159	5795	38.04		PASS			

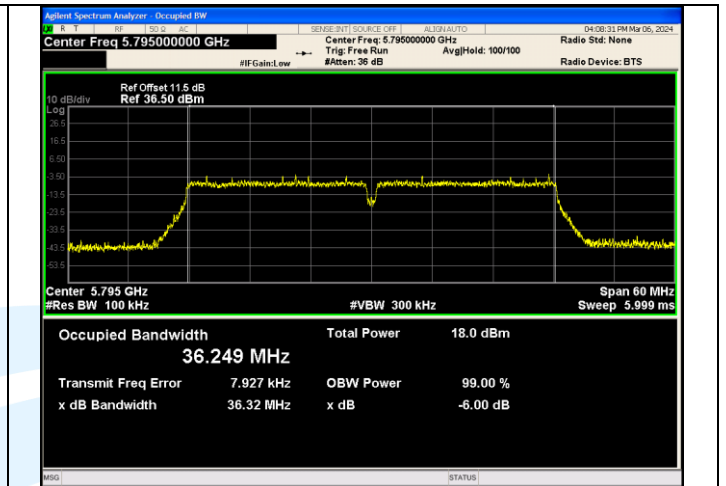
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	144	N/A	0	5740	3.258	0.5	PASS
IEEE 802.11n_20	144			5740	3.912		PASS
IEEE 802.11n_40	142			5755	3.269		PASS
IEEE 802.11ac_20	144			5740	3.906		PASS
IEEE 802.11ac_40	142			5755	3.163		PASS
IEEE 802.11ax_20	144			SU	5740		4.592
IEEE 802.11ax_40	142	5755	4.105		PASS		

Test Graphs

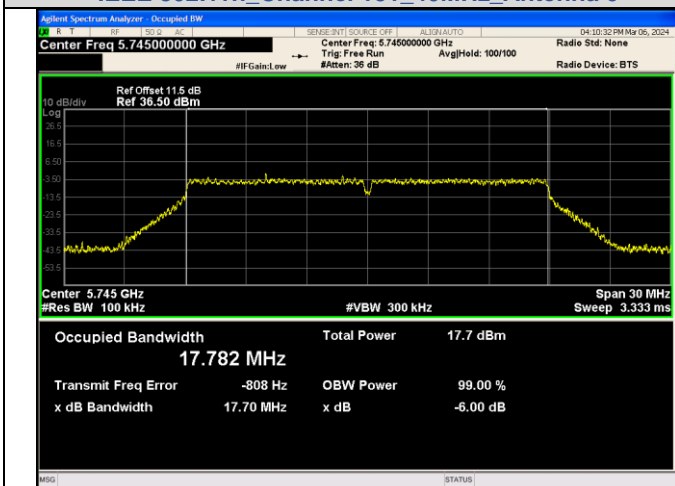




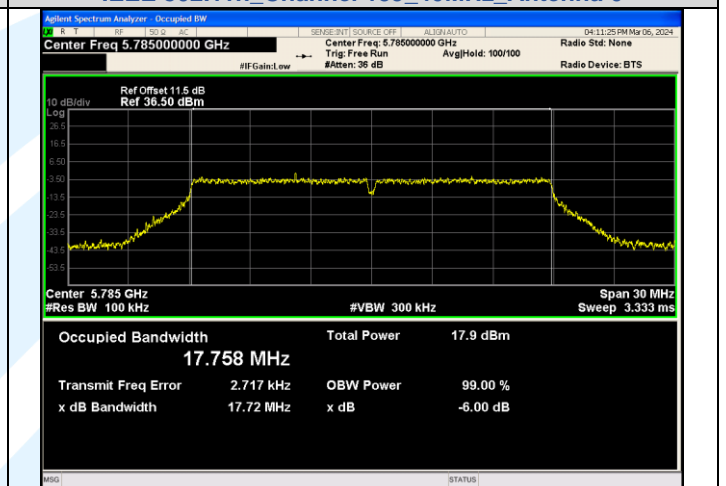
IEEE 802.11n_Channel 151_40MHz_Antenna 0



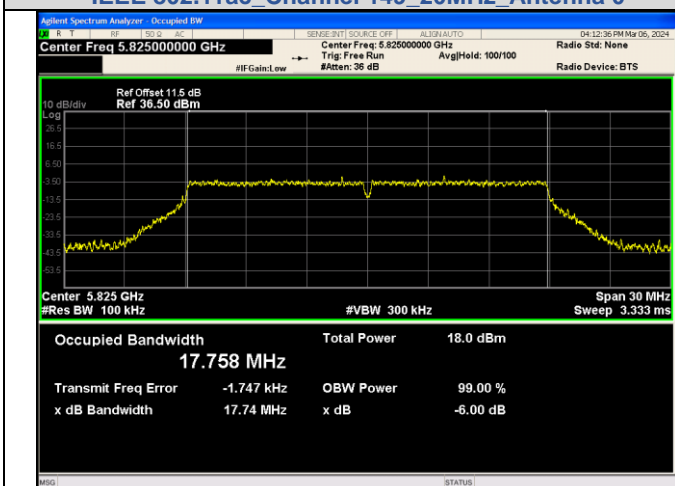
IEEE 802.11n_Channel 159_40MHz_Antenna 0



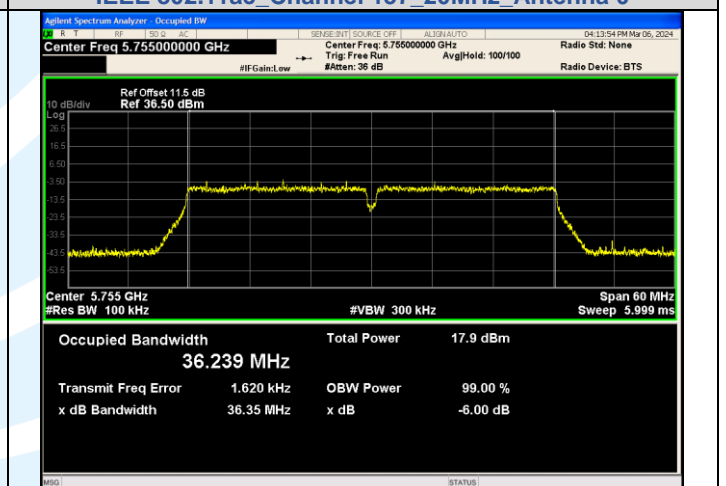
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



IEEE 802.11ac_Channel 157_20MHz_Antenna 0



IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0