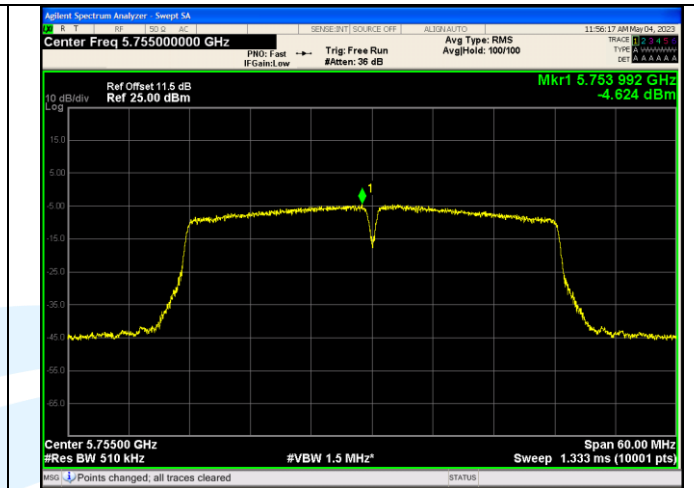
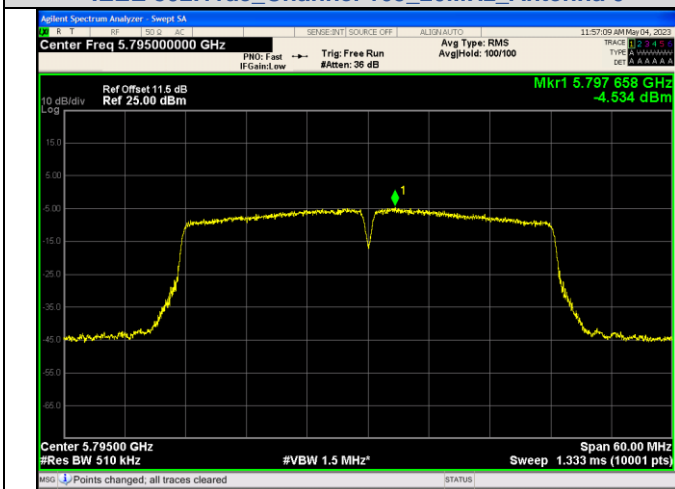


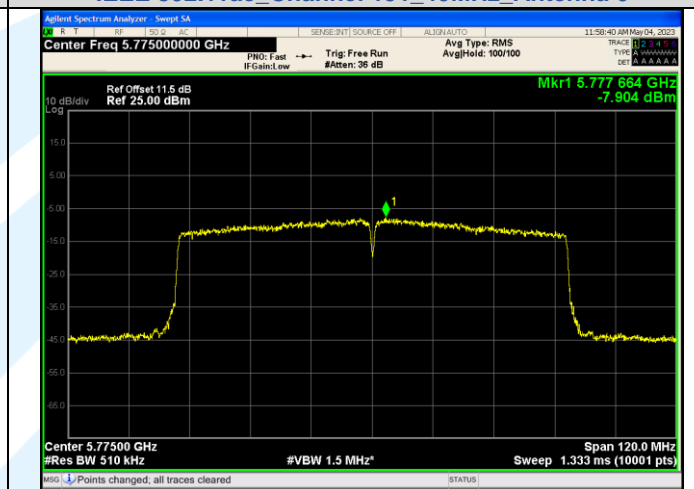
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 155_80MHz_Antenna 0

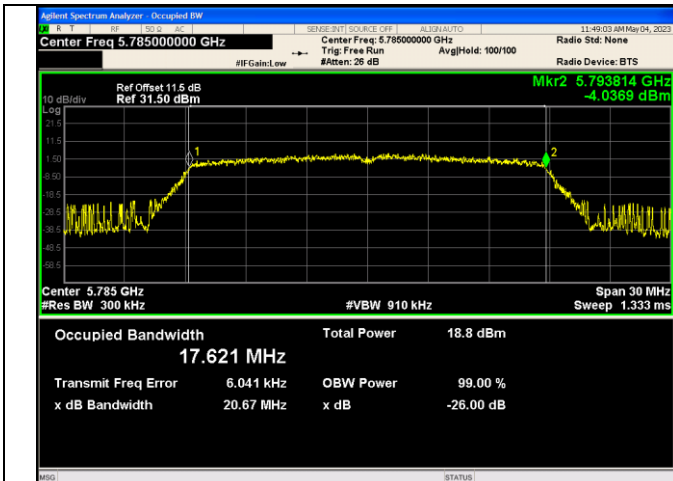
A.3 99% BANDWIDTH

For U-NII-3 band

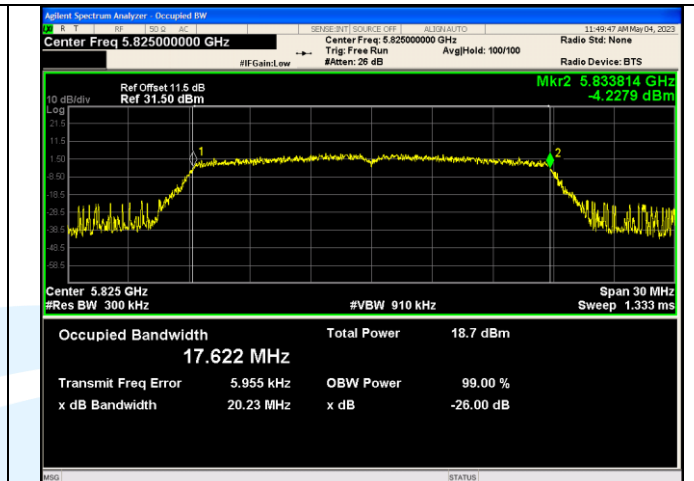
Mode	Channel	Ant.	99% BW (MHz)
IEEE 802.11a	149	0	16.555
	157		16.550
	165		16.510
IEEE 802.11n_20	149		17.613
	157		17.621
	165		17.622
IEEE 802.11n_40	151		36.018
	159		36.015
IEEE 802.11ac_20	149		17.593
	157		17.587
	165	17.597	
IEEE 802.11ac_40	151	35.953	
	159	35.916	
IEEE 802.11ac_80	155	75.172	

Test Graphs

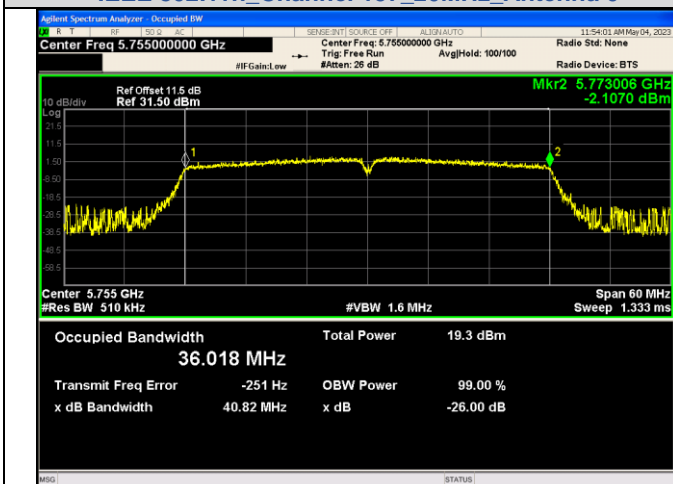




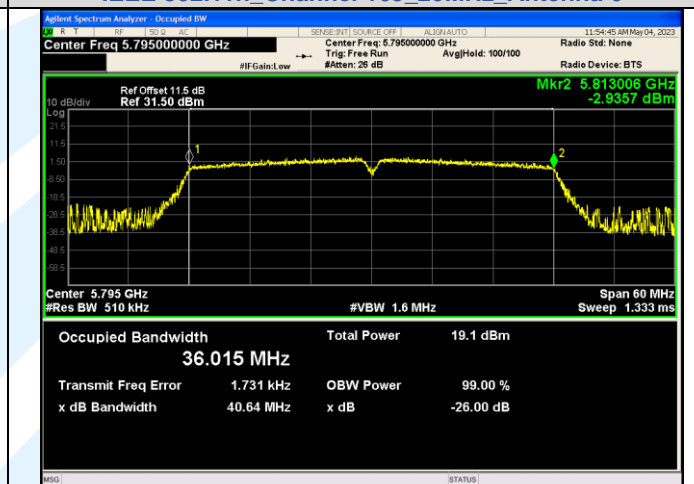
IEEE 802.11n_Channel 157_20MHz_Antenna 0



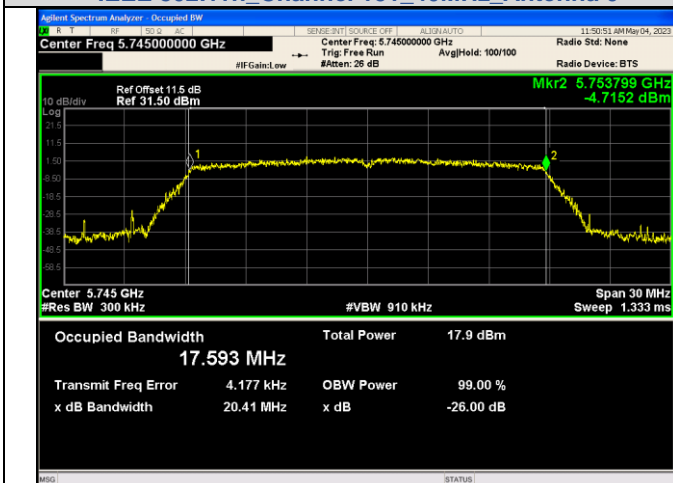
IEEE 802.11n_Channel 165_20MHz_Antenna 0



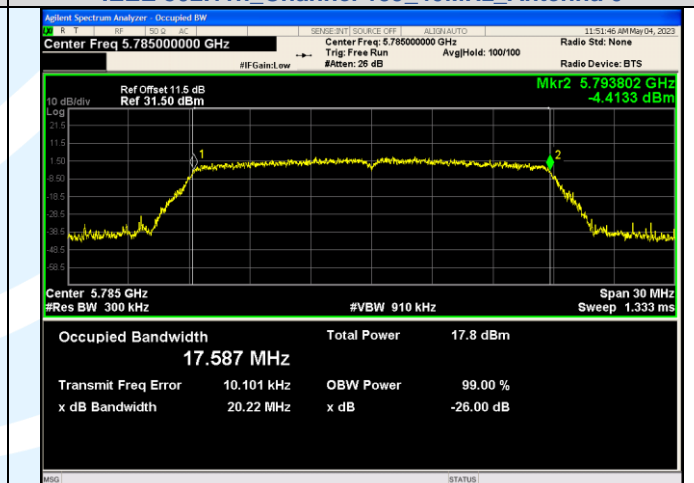
IEEE 802.11n_Channel 151_40MHz_Antenna 0



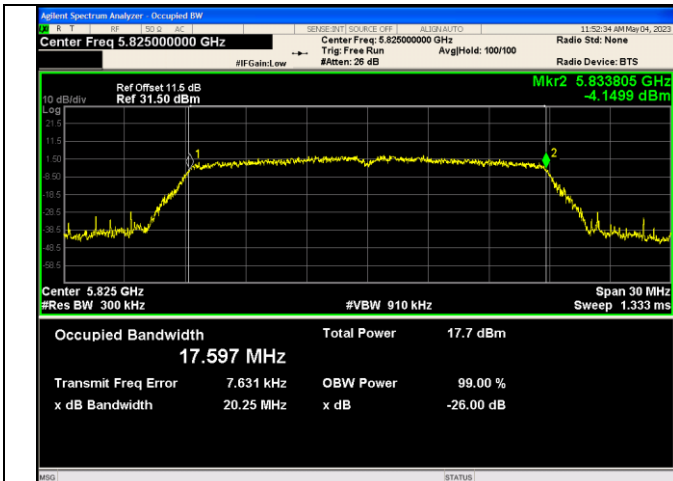
IEEE 802.11n_Channel 159_40MHz_Antenna 0



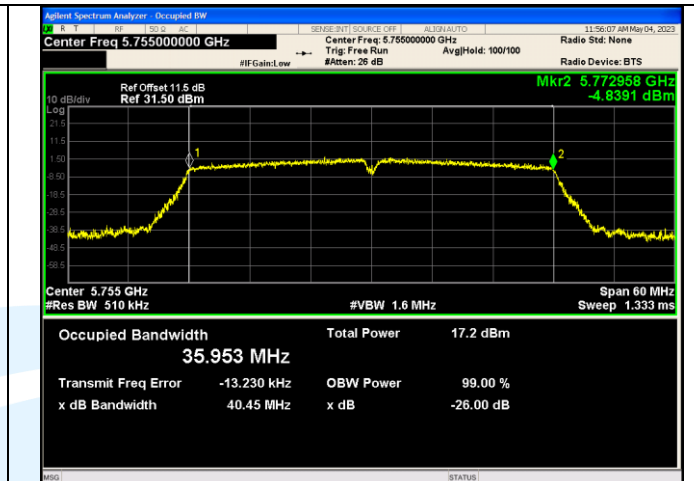
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



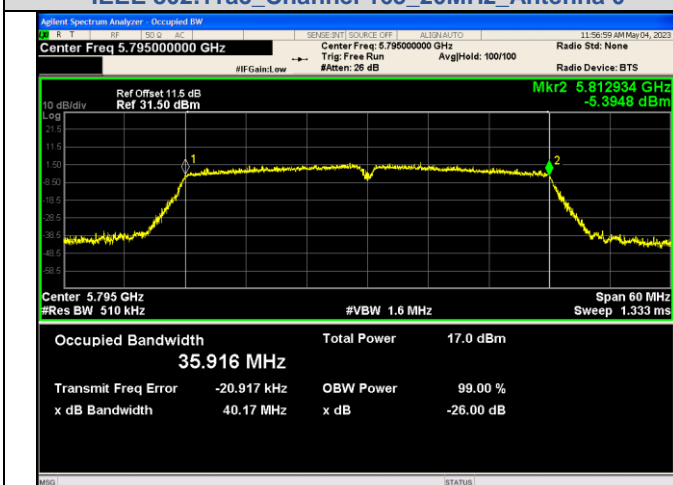
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



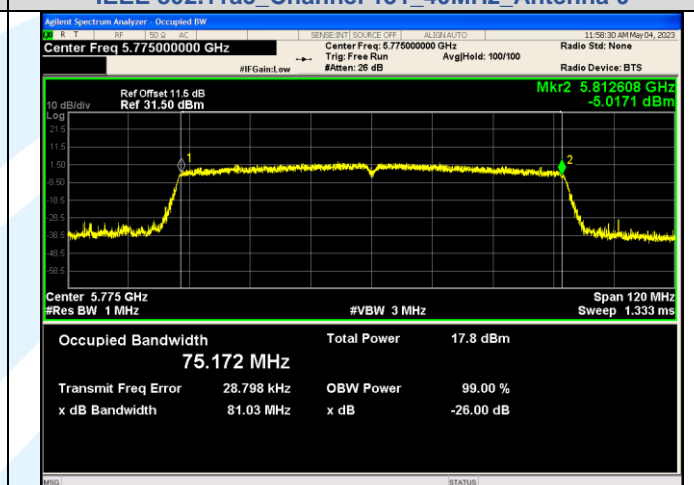
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



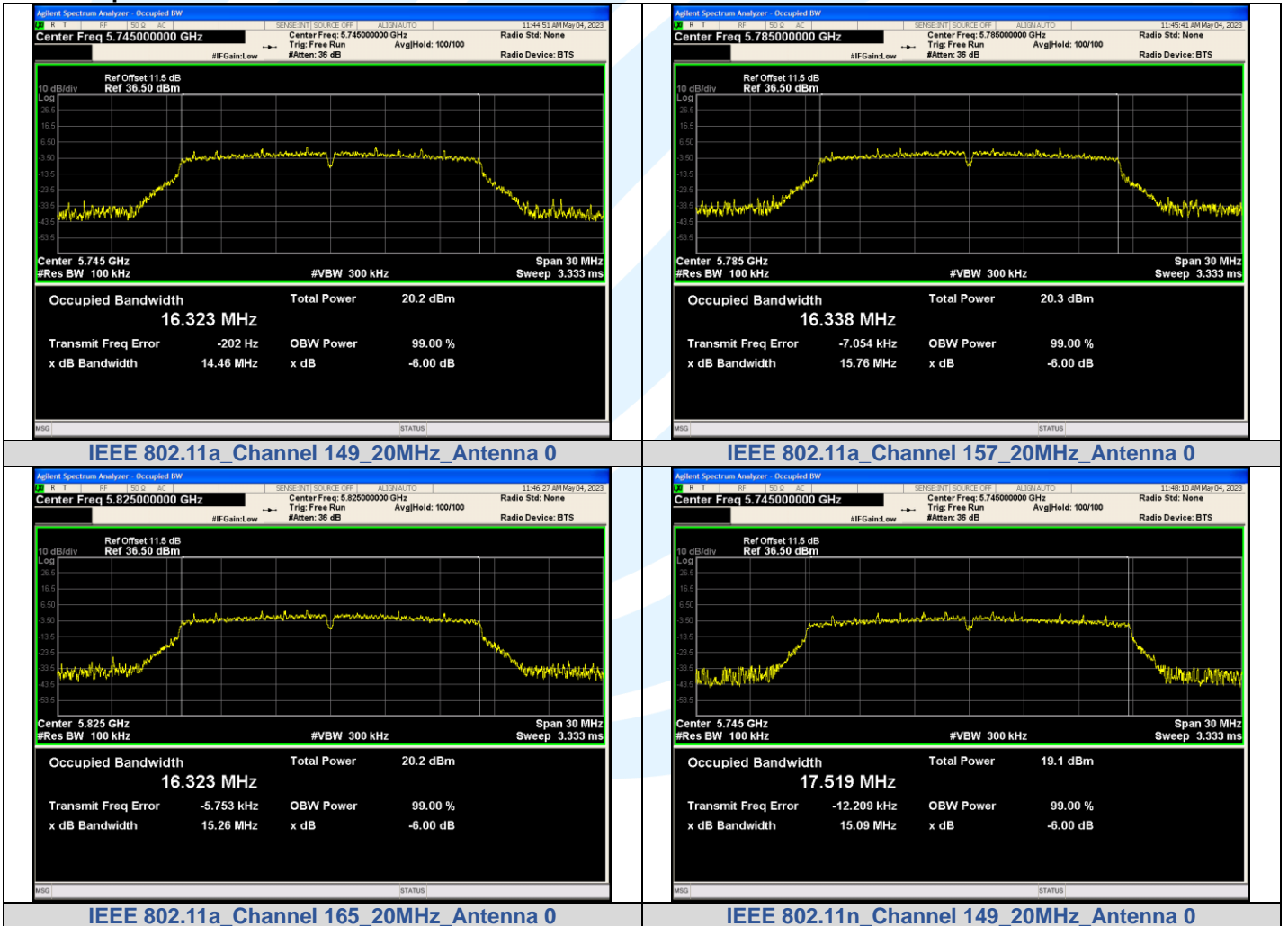
IEEE 802.11ac_Channel 155_80MHz_Antenna 0

A.4 6DB BANDWIDTH

For U-NII-3 band

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	14.46	0.5	PASS
	157		5785	15.76		PASS
	165		5825	15.26		PASS
IEEE 802.11n_20	149		5745	15.09		PASS
	157		5785	15.09		PASS
	165		5825	13.89		PASS
IEEE 802.11n_40	151		5755	35.10		PASS
	159		5795	35.10		PASS
IEEE 802.11ac_20	149		5745	15.06		PASS
	157		5785	15.05		PASS
	165		5825	15.02		PASS
IEEE 802.11ac_40	151		5755	35.01		PASS
	159	5795	35.02	PASS		
IEEE 802.11ac_80	155	5775	75.12	PASS		

Test Graphs



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

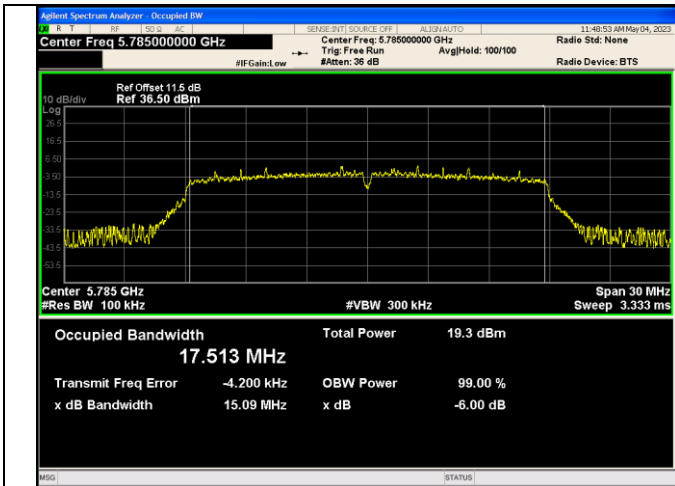
Tel: +86-755-28230888

Fax: +86-755-28230886

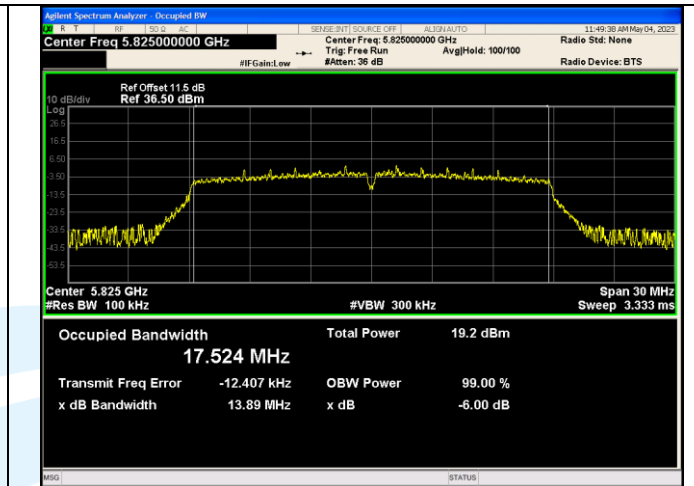
E-mail: info@uttlab.com

<http://www.uttlab.com>

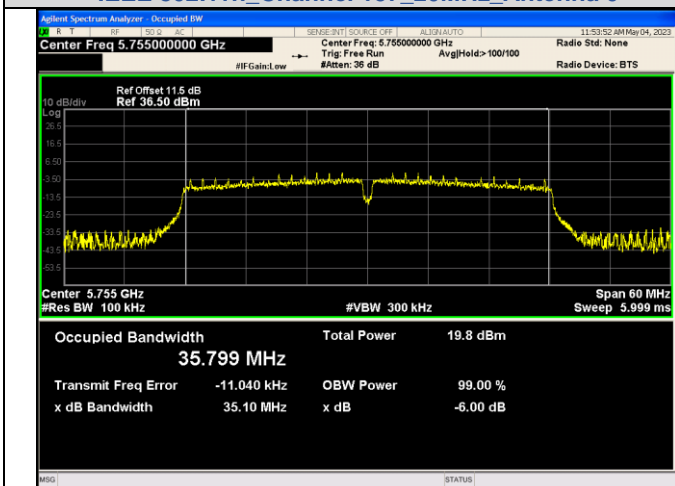
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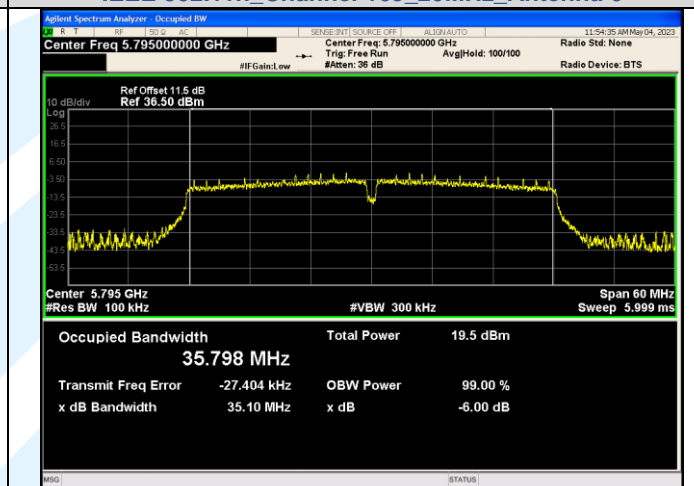
IEEE 802.11n_Channel 157_20MHz_Antenna 0



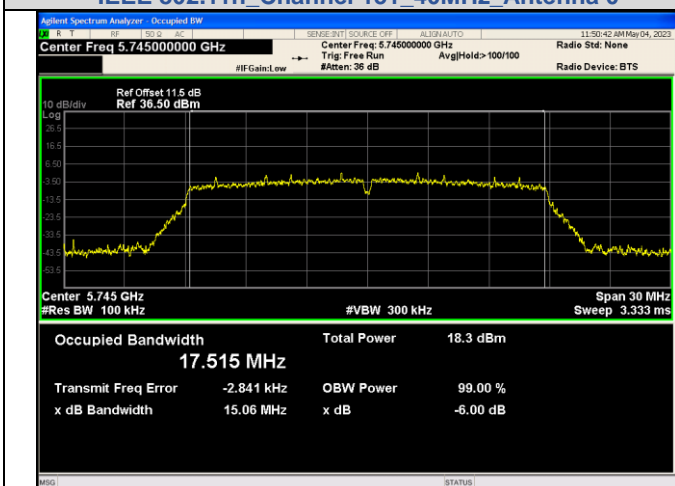
IEEE 802.11n_Channel 165_20MHz_Antenna 0



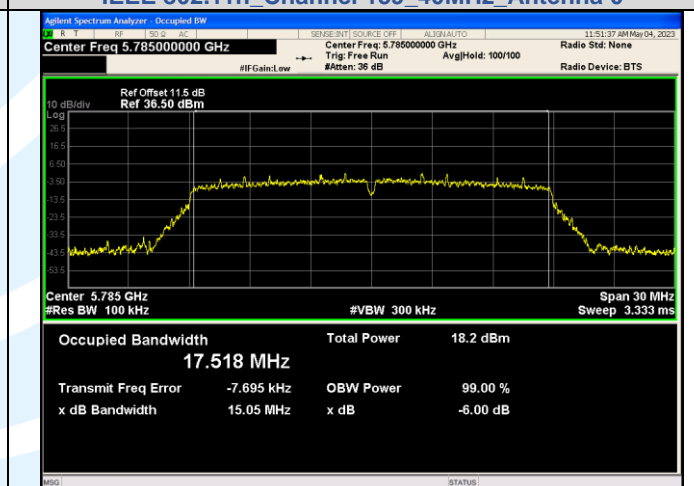
IEEE 802.11n_Channel 151_40MHz_Antenna 0



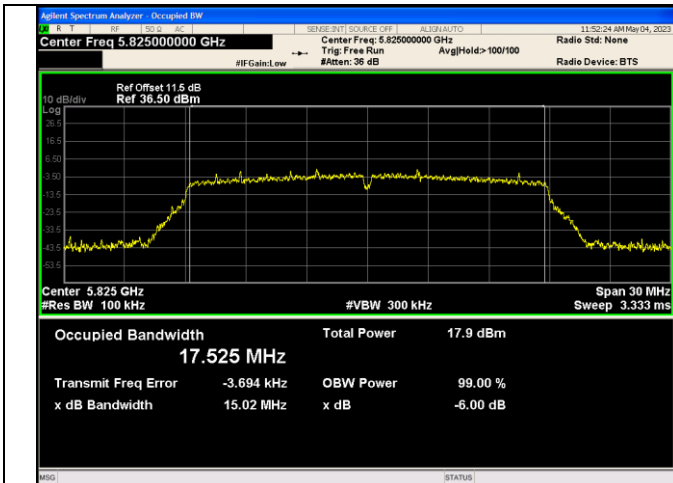
IEEE 802.11n_Channel 159_40MHz_Antenna 0



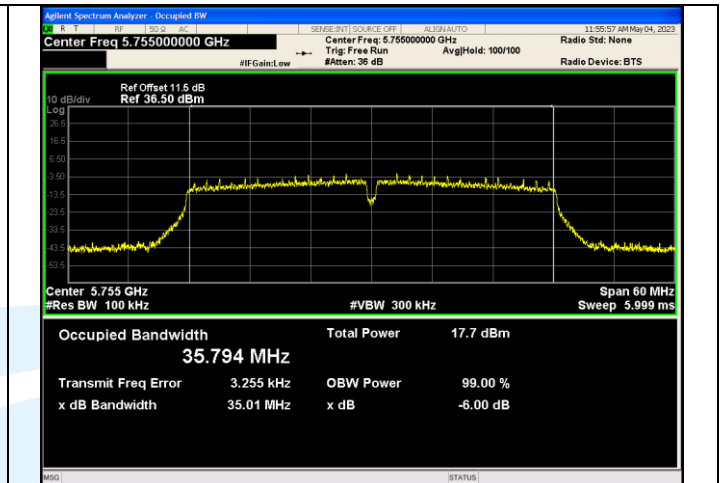
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



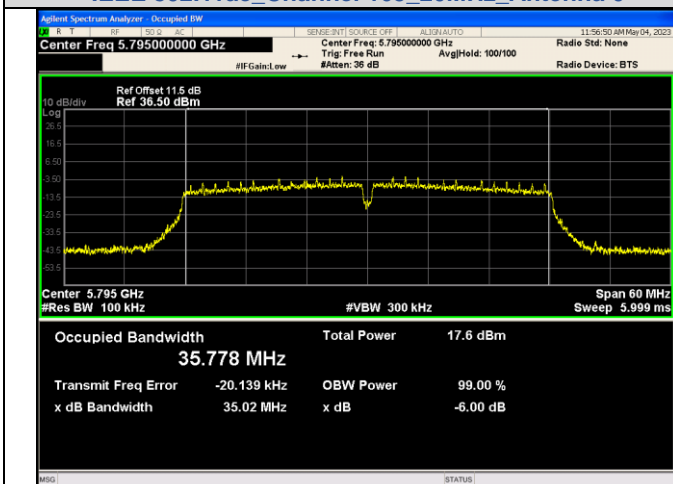
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



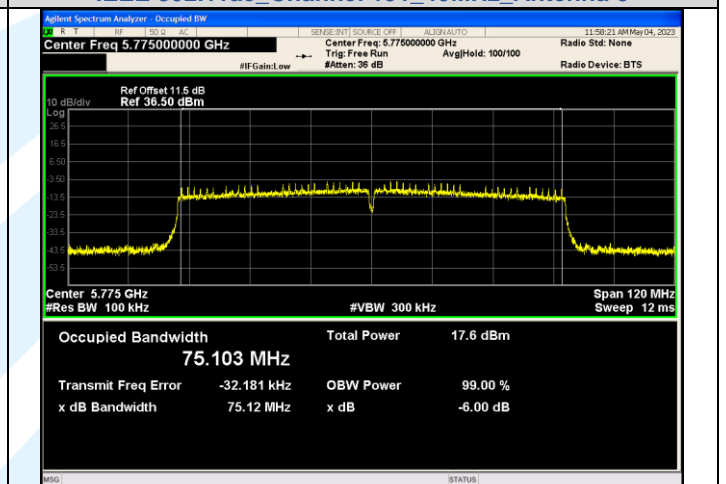
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



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 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 ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.
