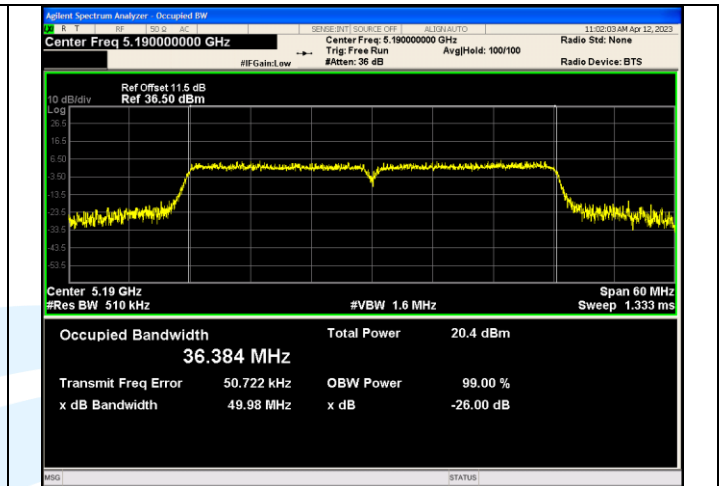
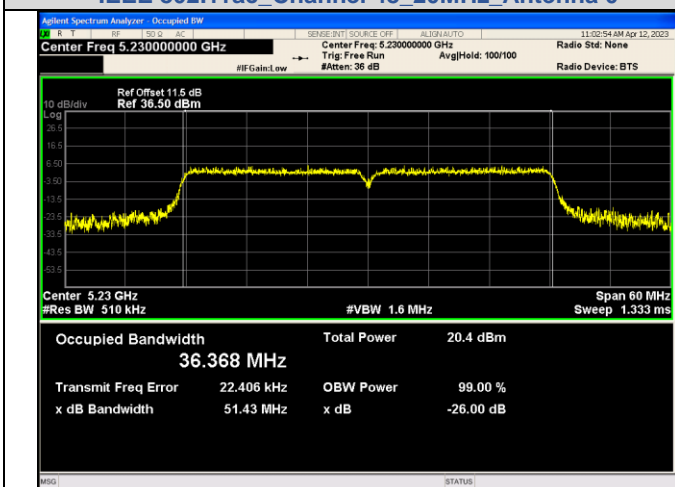


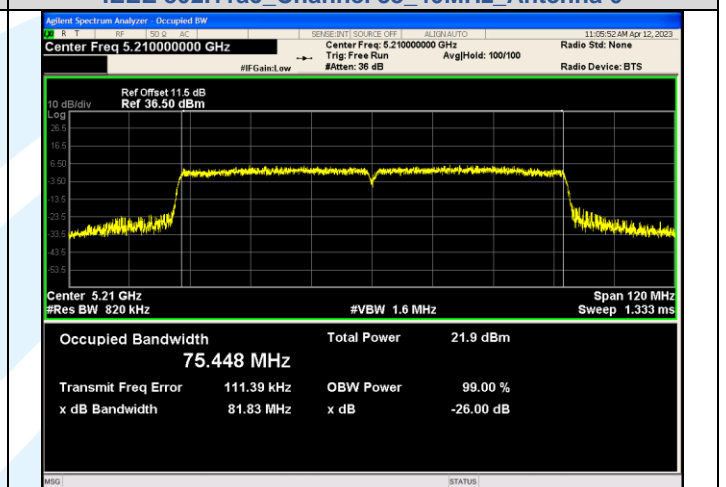
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



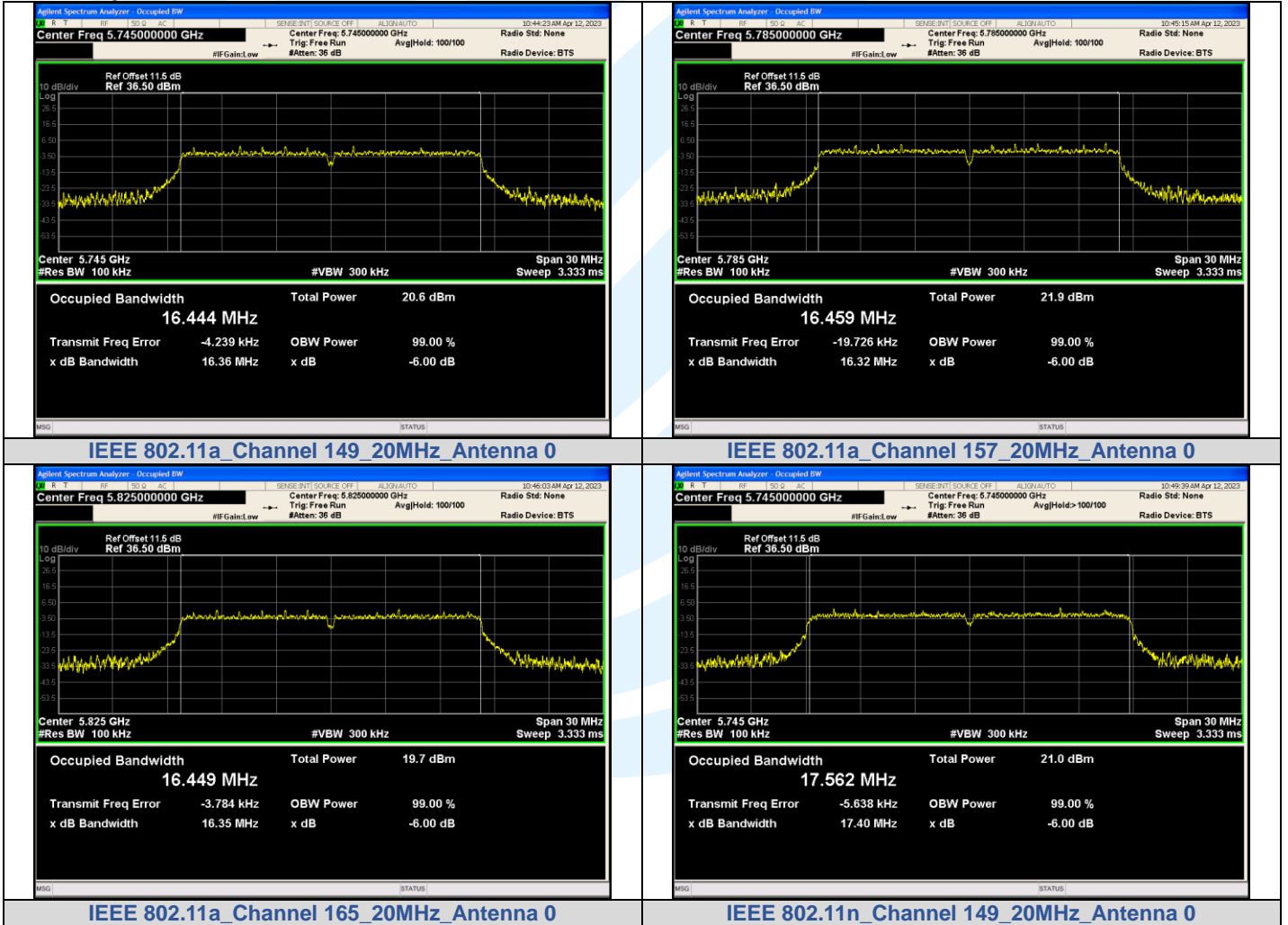
IEEE 802.11ac_Channel 42_80MHz_Antenna 0

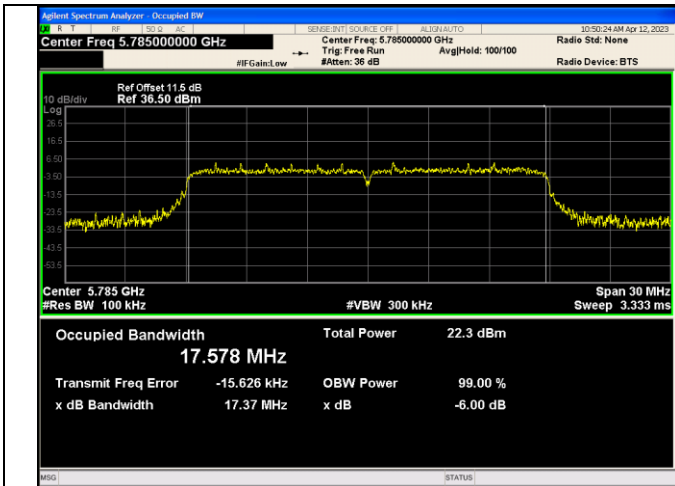
A.3 6DB BANDWIDTH

For U-NII-3 Band:

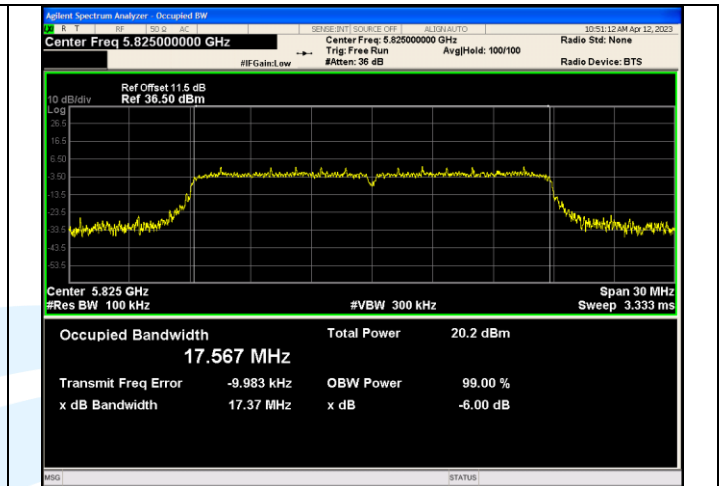
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	16.36	0.5	PASS
	157		5785	16.32		PASS
	165		5825	16.35		PASS
IEEE 802.11n_20	149		5745	17.40		PASS
	157		5785	17.37		PASS
	165		5825	17.37		PASS
IEEE 802.11n_40	151		5755	36.01		PASS
	159		5795	35.98		PASS
	149		5745	17.29		PASS
IEEE 802.11ac_20	157		5785	17.22		PASS
	165		5825	17.40		PASS
	151		5755	36.11		PASS
IEEE 802.11ac_40	159	5795	35.84	PASS		
	155	5775	75.35	PASS		

Test Graphs

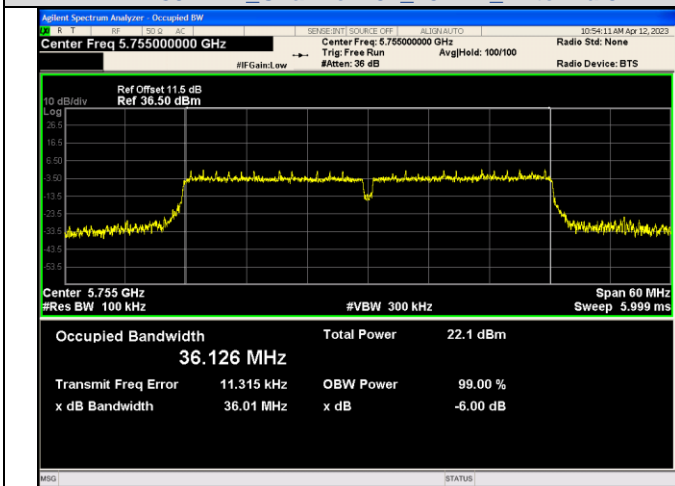




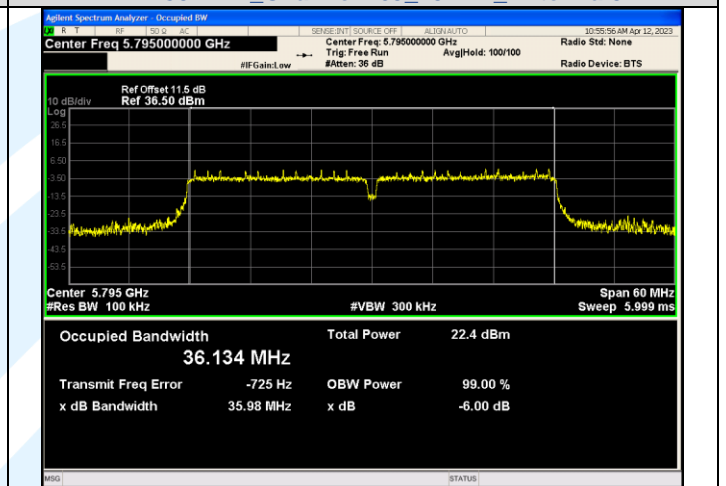
IEEE 802.11n_Channel 157_20MHz_Antenna 0



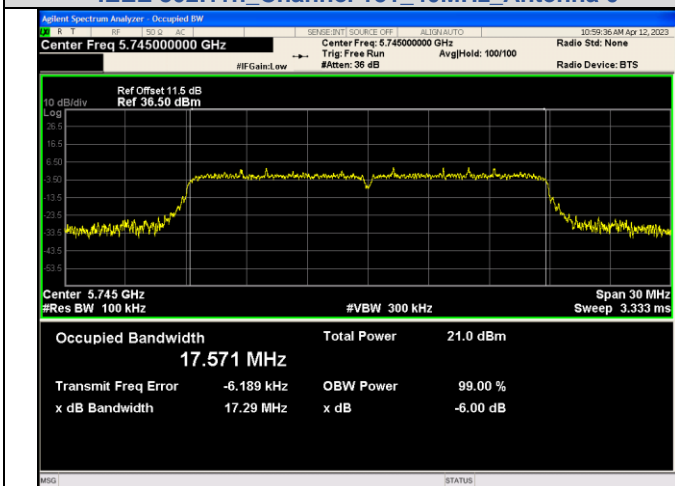
IEEE 802.11n_Channel 165_20MHz_Antenna 0



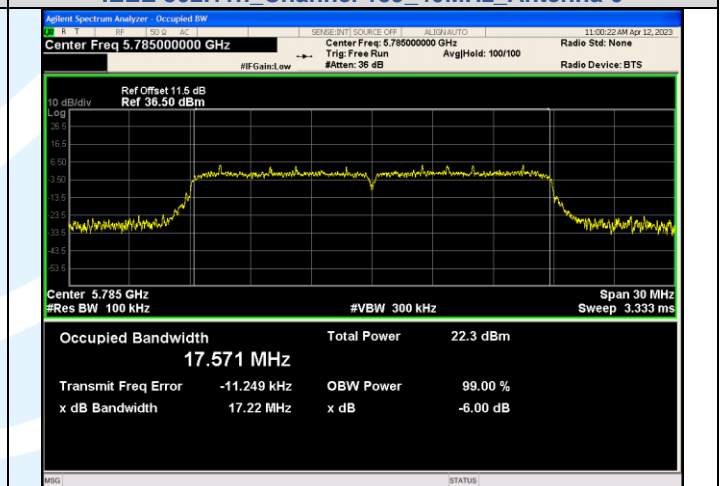
IEEE 802.11n_Channel 151_40MHz_Antenna 0



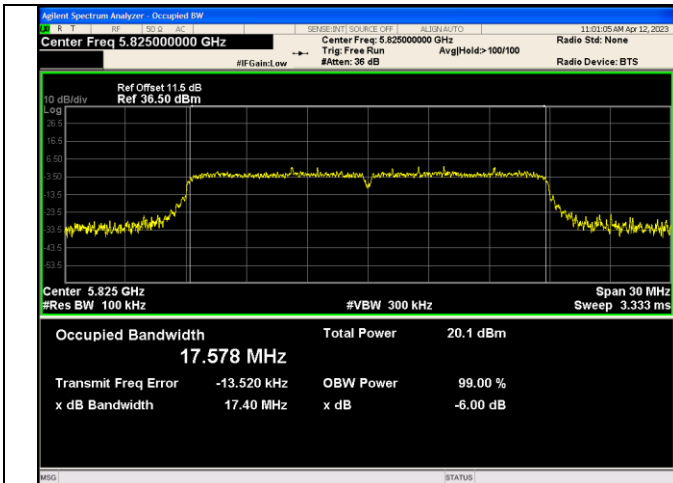
IEEE 802.11n_Channel 159_40MHz_Antenna 0



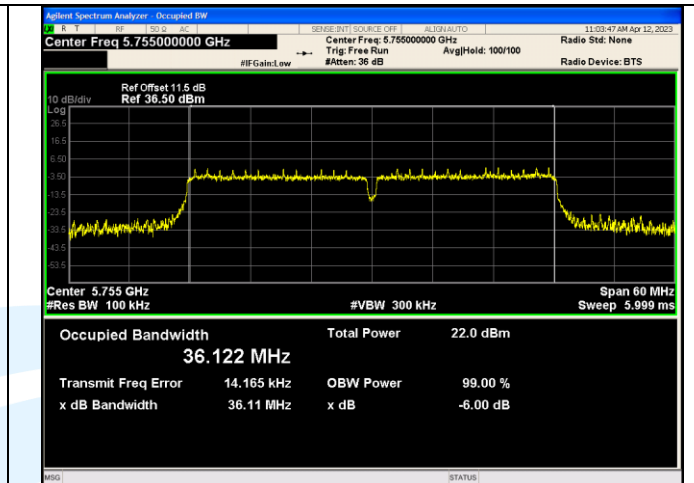
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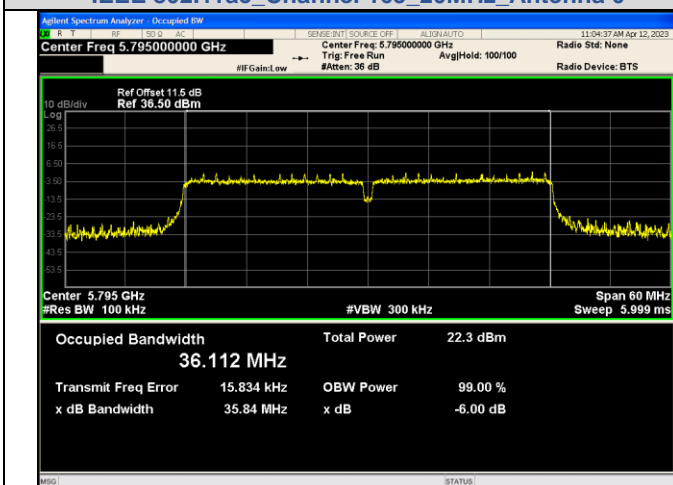
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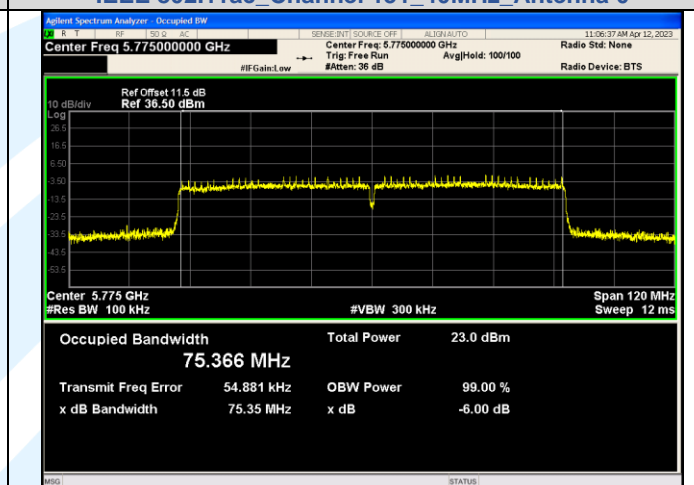
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



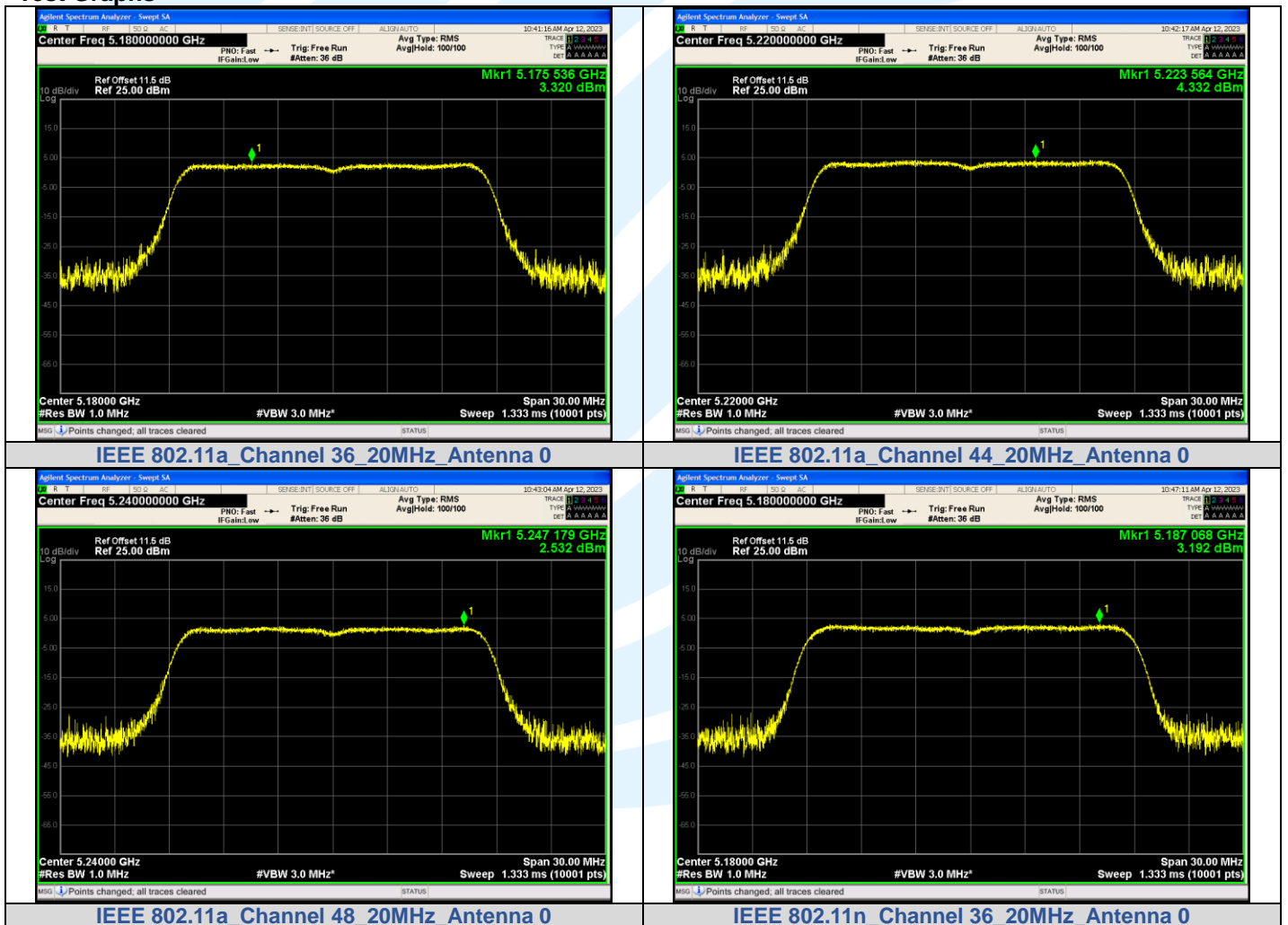
IEEE 802.11ac_Channel 155_80MHz_Antenna 0

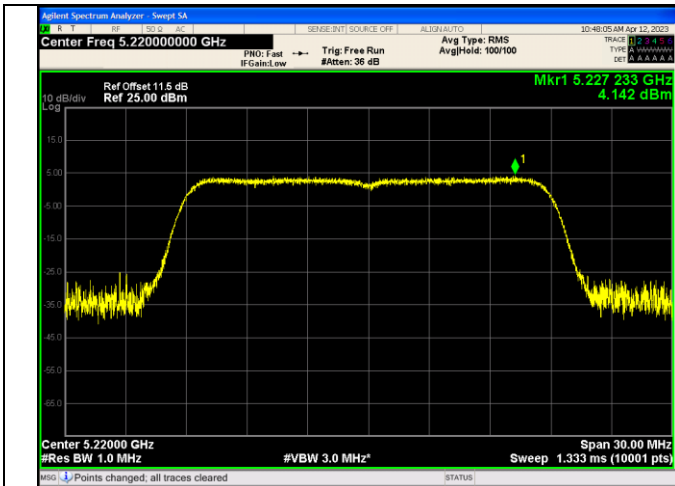
A.4 PEAK POWER SPECTRAL DENSITY

For U-NII-1 Band:

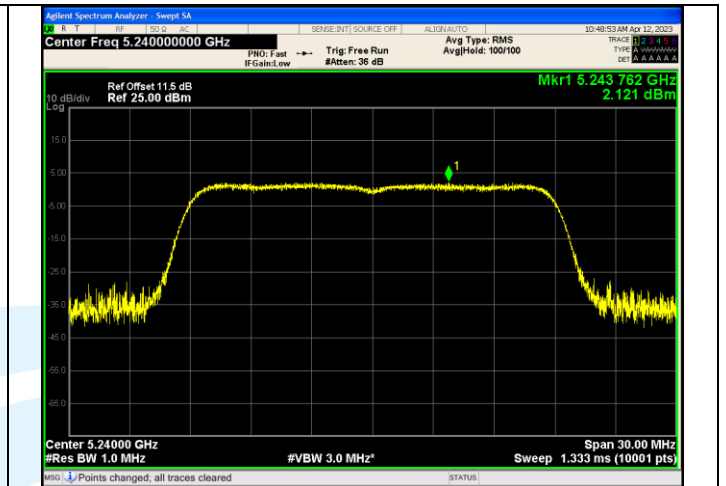
Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	36	3.320	3.86	11	PASS
	44	4.332	4.872		PASS
	48	2.532	3.072		PASS
IEEE 802.11n_20	36	3.192	3.732		PASS
	44	4.142	4.682		PASS
	48	2.121	2.661		PASS
IEEE 802.11n_40	38	0.295	1.315		PASS
	46	0.815	1.835		PASS
IEEE 802.11ac_20	36	3.031	3.601		PASS
	44	4.208	4.778		PASS
	48	2.271	1.687		PASS
IEEE 802.11ac_40	38	0.537	1.469		PASS
	46	0.319	-0.754	PASS	
IEEE 802.11ac_80	42	-2.544	3.86	PASS	

Test Graphs

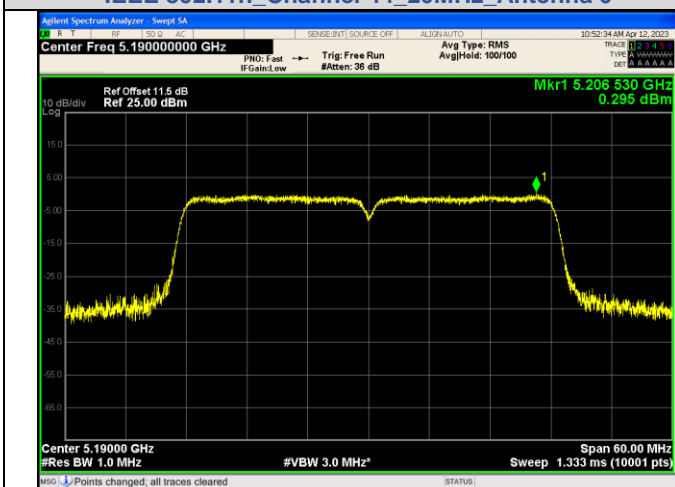




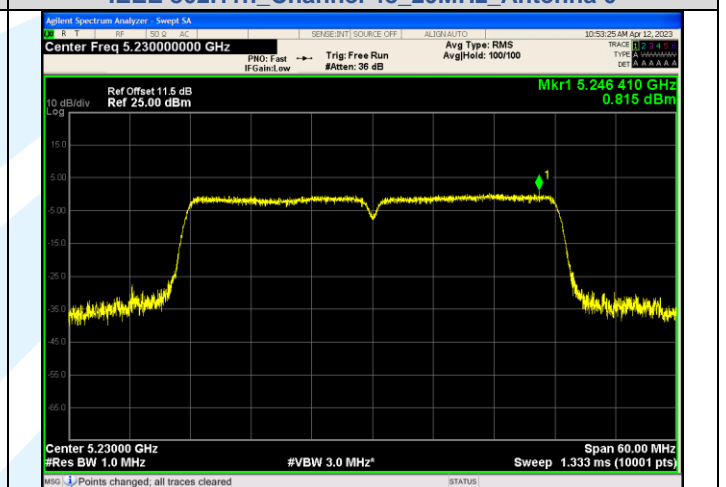
IEEE 802.11n_Channel 44_20MHz_Antenna 0



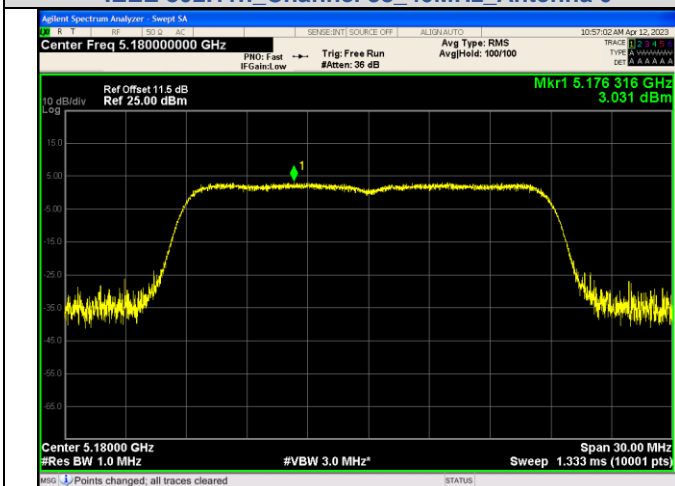
IEEE 802.11n_Channel 48_20MHz_Antenna 0



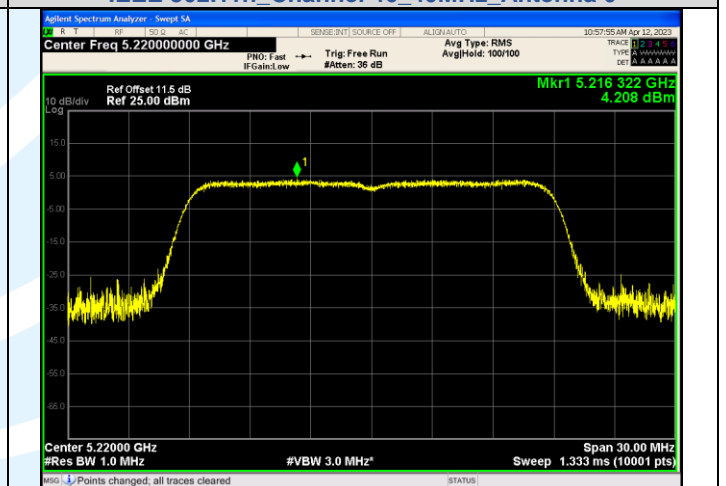
IEEE 802.11n_Channel 38_40MHz_Antenna 0



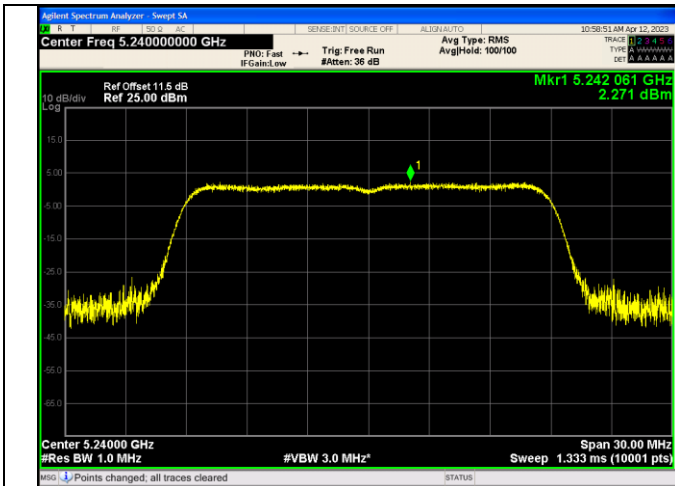
IEEE 802.11n_Channel 46_40MHz_Antenna 0



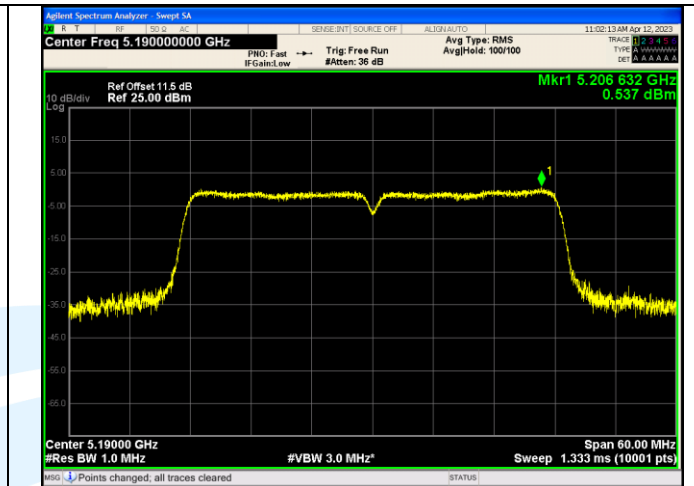
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



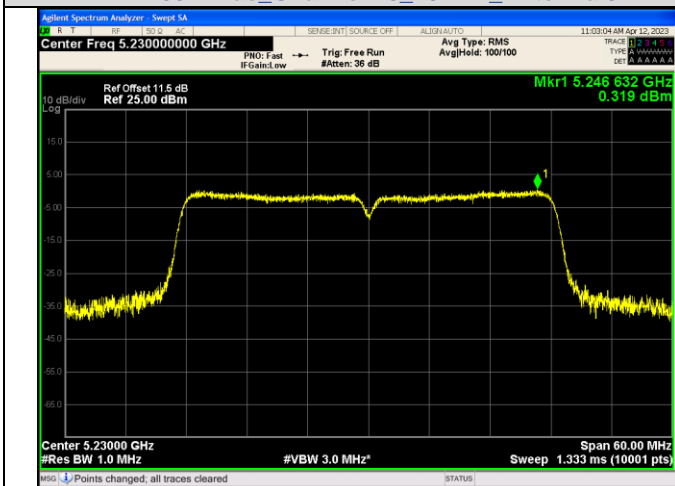
IEEE 802.11ac_Channel 44_20MHz_Antenna 0



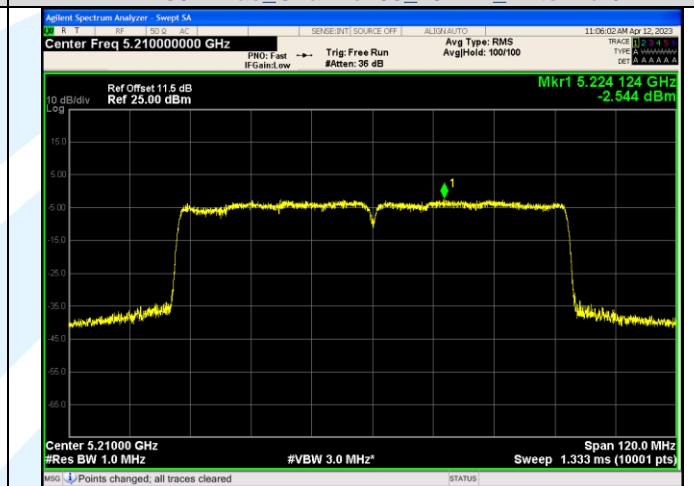
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0

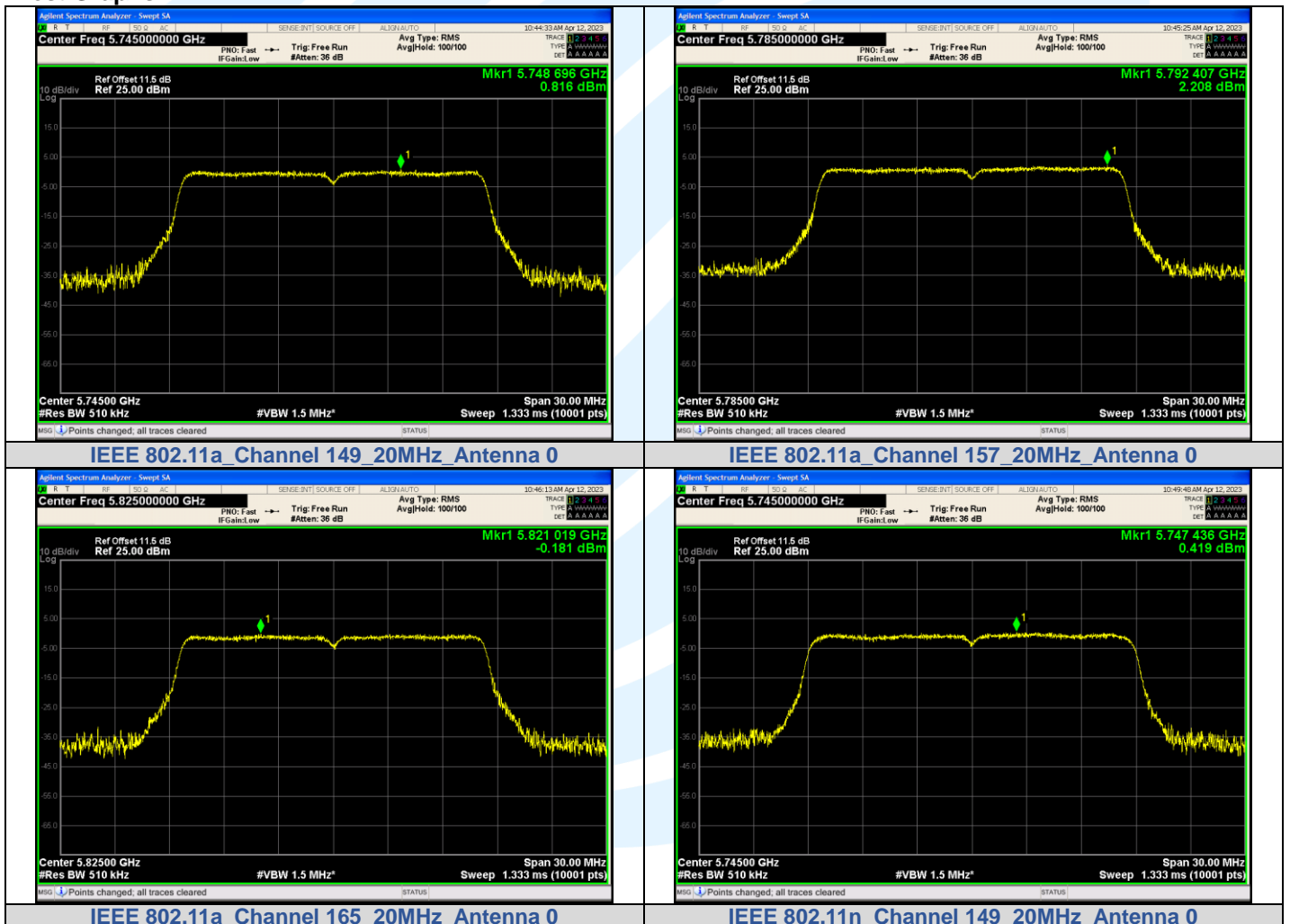


IEEE 802.11ac_Channel 42_80MHz_Antenna 0

For U-NII-3 Band:

Mode	Channel	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	0.816	1.356	30	PASS
	157	2.208	2.748		PASS
	165	-0.181	0.359		PASS
IEEE 802.11n_20	149	0.419	0.959		PASS
	157	1.887	2.427		PASS
	165	-0.438	0.102		PASS
IEEE 802.11n_40	151	-1.573	-0.553		PASS
	159	-1.549	-0.529		PASS
	149	0.480	1.05		PASS
IEEE 802.11ac_20	157	1.768	2.338		PASS
	165	-0.143	1.007		PASS
	151	-1.778	-0.628		PASS
IEEE 802.11ac_40	159	-1.169	0.621	PASS	
	155	-4.727	1.356	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

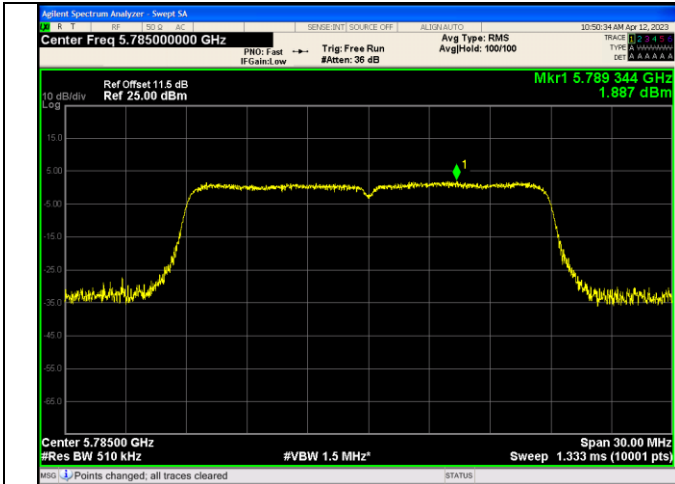
Tel: +86-755-28230888

Fax: +86-755-28230886

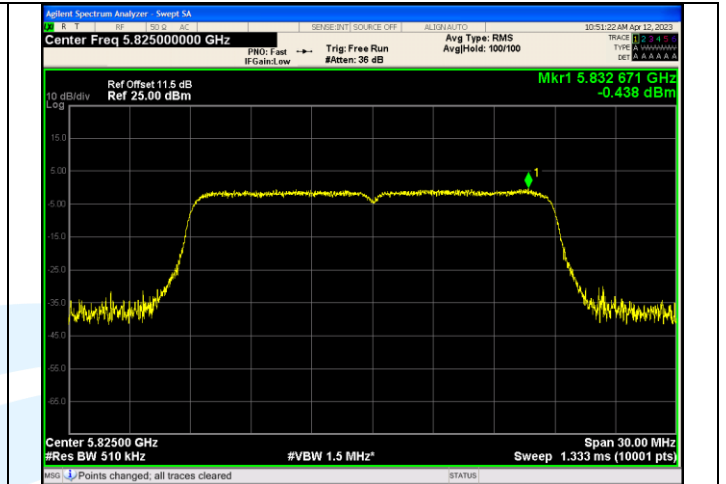
E-mail: info@uttlab.com

<http://www.uttlab.com>

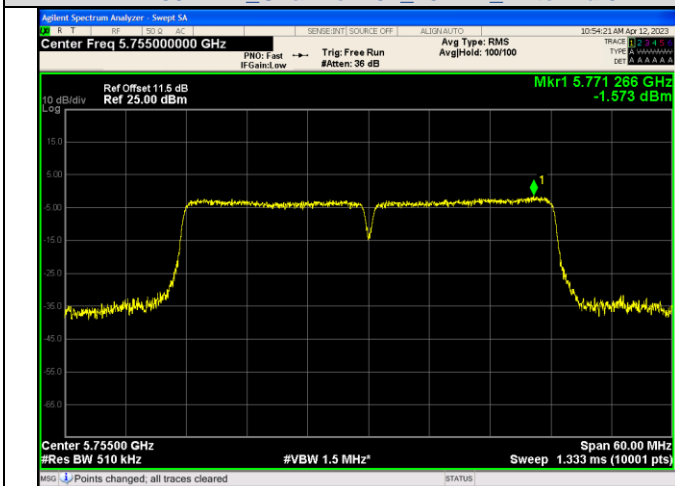
UTTR-RF-FCCPART15.407-V1.2



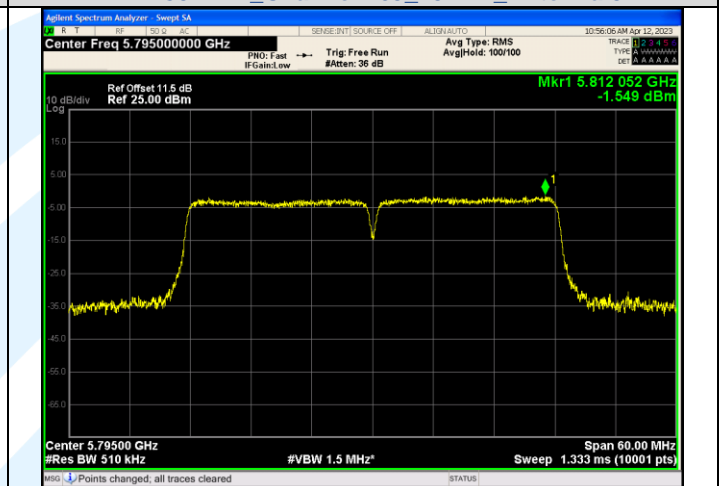
IEEE 802.11n_Channel 157_20MHz_Antenna 0



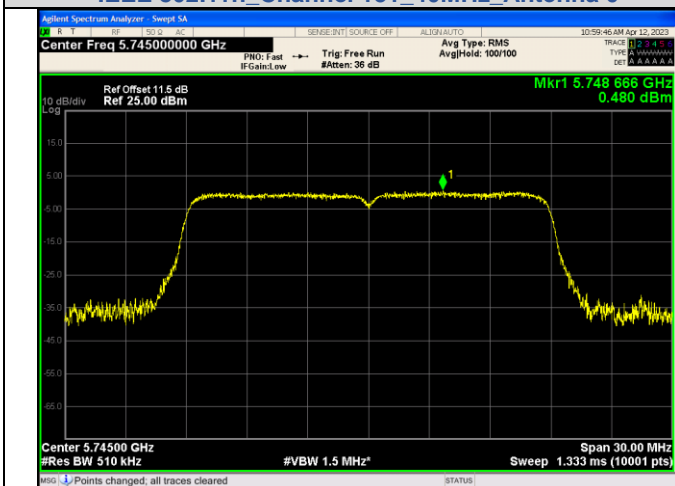
IEEE 802.11n_Channel 165_20MHz_Antenna 0



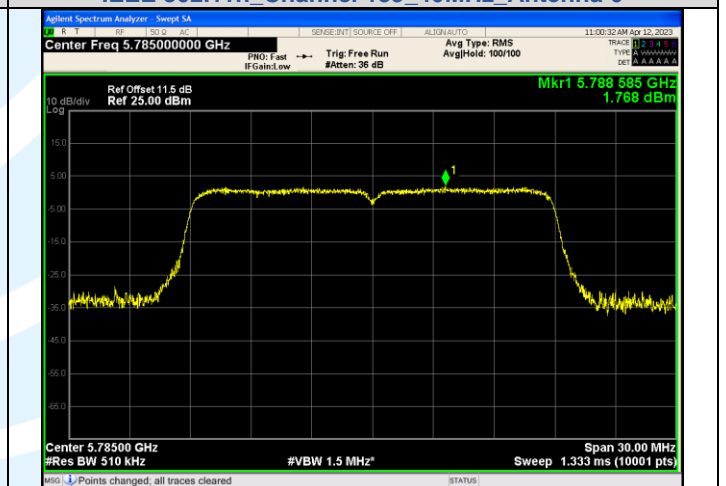
IEEE 802.11n_Channel 151_40MHz_Antenna 0



IEEE 802.11n_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 149_20MHz_Antenna 0



IEEE 802.11ac_Channel 157_20MHz_Antenna 0

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

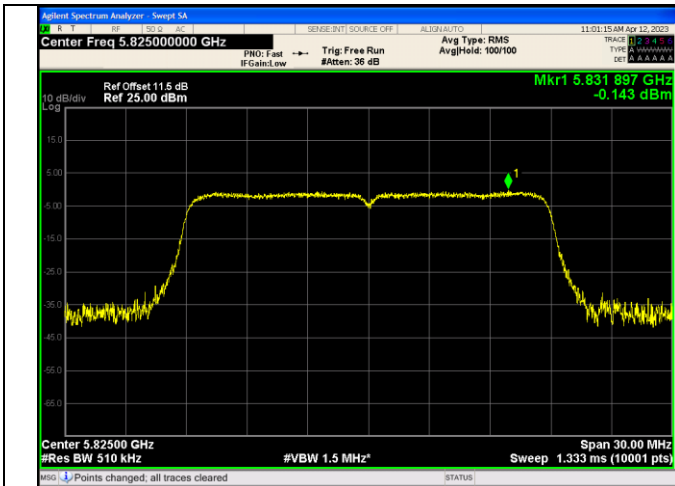
Tel: +86-755-28230888

Fax: +86-755-28230886

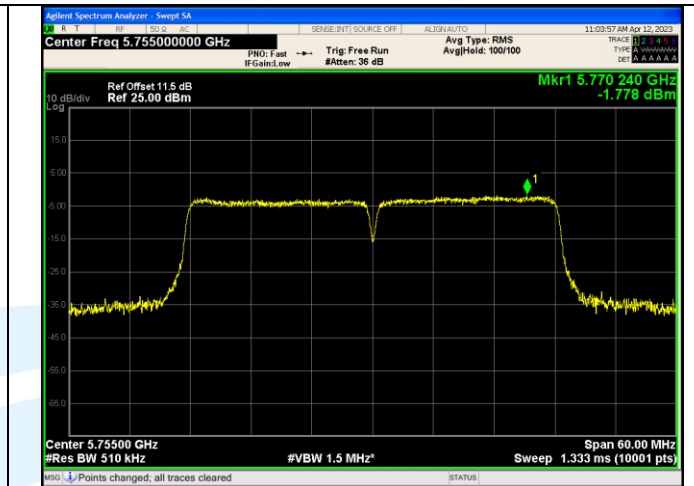
E-mail: info@uttlab.com

<http://www.uttlab.com>

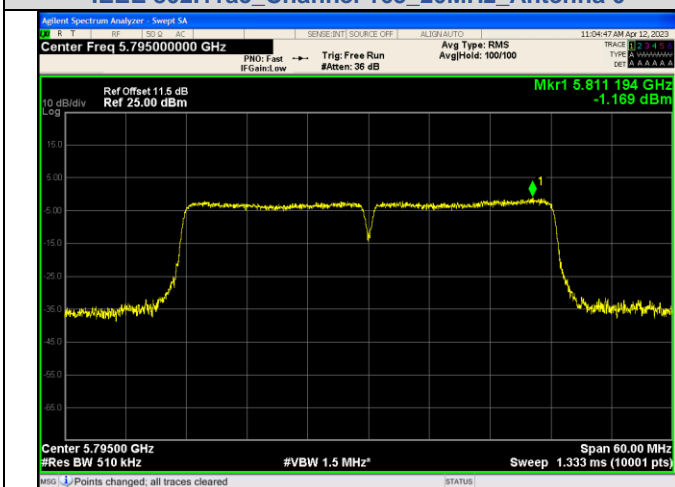
UTTR-RF-FCCPART15.407-V1.2



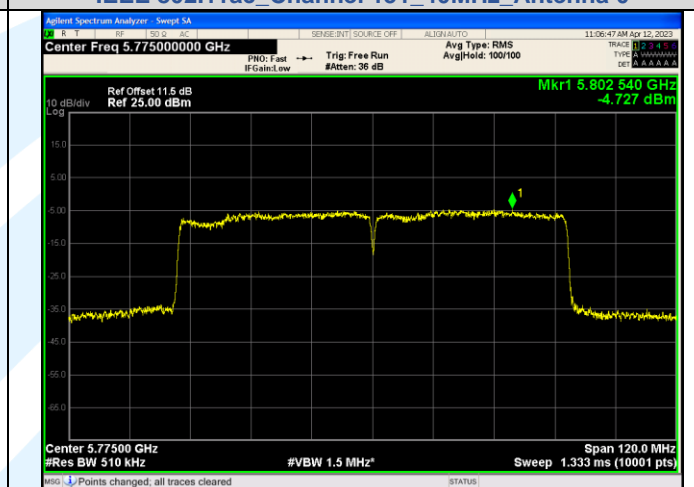
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



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.
