

No.	Frequency (MHz)	Reading (dBµV)	Correction factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.1500	42.37	10.19	52.56	66.00	-13.44	QP
2	0.1500	27.60	10.19	37.79	56.00	-18.21	AVG
3	0.2084	30.50	10.05	40.55	63.27	-22.72	QP
4	0.2084	17.10	10.05	27.15	53.27	-26.12	AVG
5	0.4244	31.22	10.21	41.43	57.36	-15.93	QP
6	0.4244	22.83	10.21	33.04	47.36	-14.32	AVG
7	10.6440	29.79	10.44	40.23	60.00	-19.77	QP
8	10.6440	20.54	10.44	30.98	50.00	-19.02	AVG
9	23.1270	31.22	10.77	41.99	60.00	-18.01	QP
10	23.1270	24.85	10.77	35.62	50.00	-14.38	AVG
11	26.6100	31.61	10.82	42.43	60.00	-17.57	QP
12	26.6100	25.52	10.82	36.34	50.00	-13.66	AVG

Remark:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result - Limit
4. An initial pre-scan was performed on the Phase and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

APPENDIX A RF TEST DATA
A.1 99% BANDWIDTH

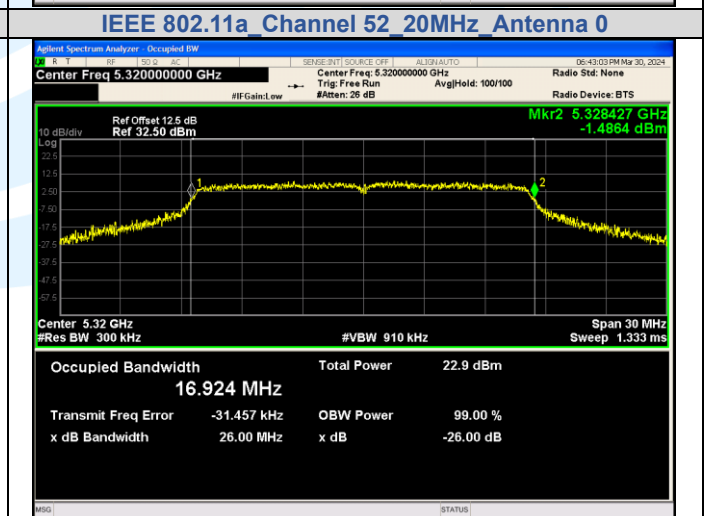
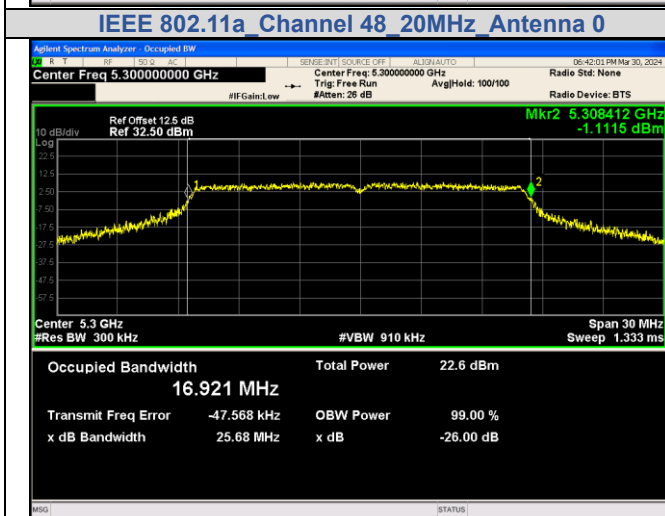
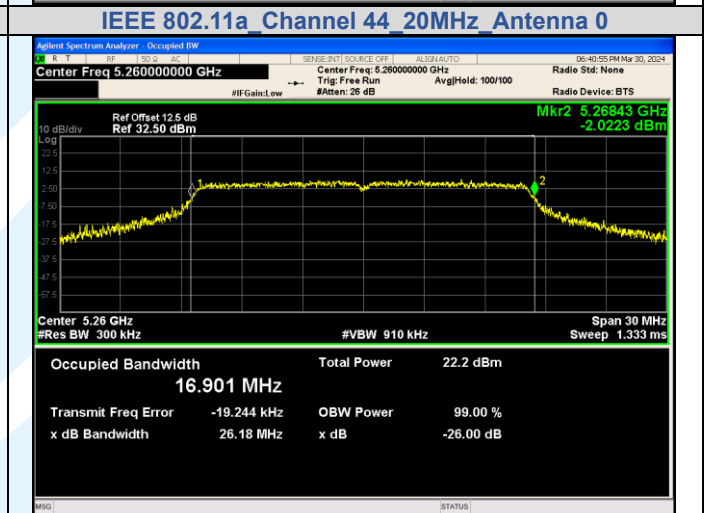
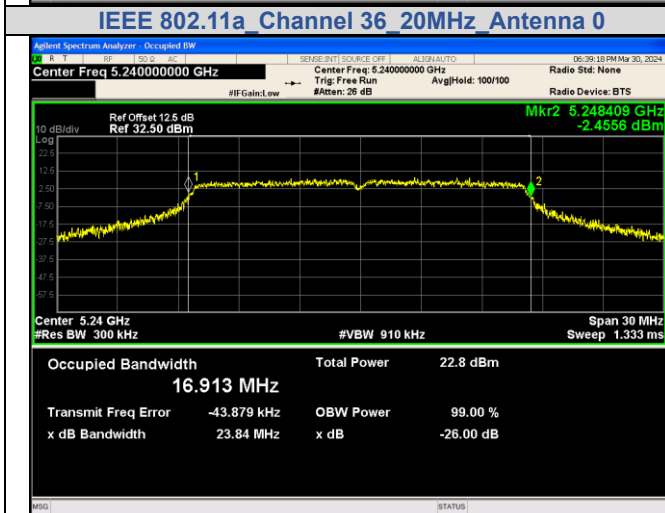
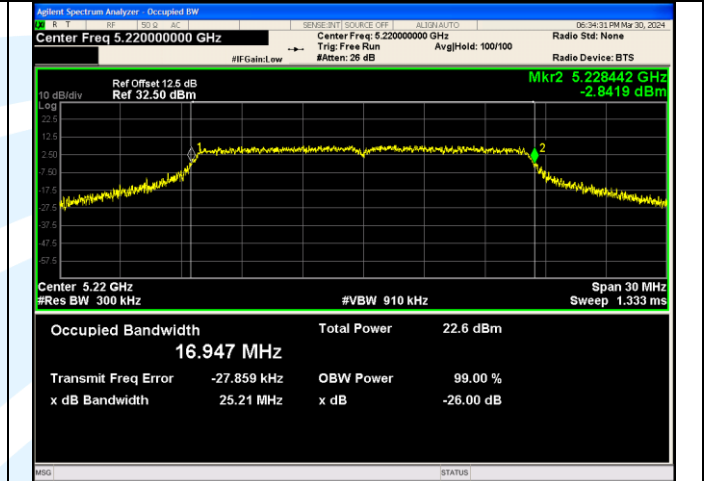
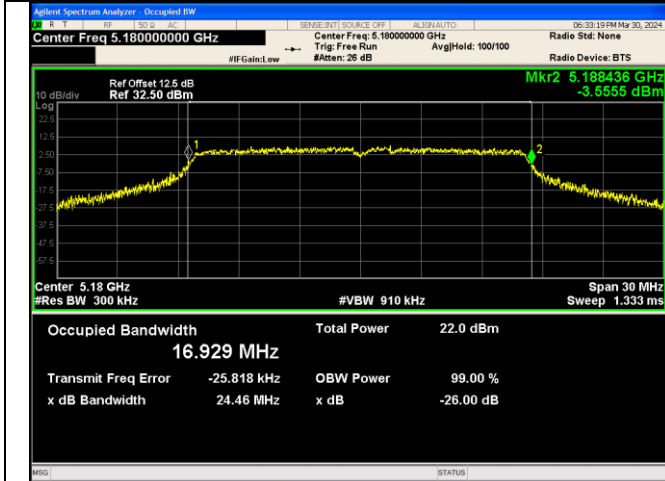
For U-NII-1, U-NII-2A, U-NII-2C band

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	36			16.929
	44			16.947
	48			16.913
	52			16.901
	60			16.921
	64			16.924
	100			17.193
	116			17.110
	140			17.072
	144			17.102
IEEE 802.11n_20	36			18.090
	44			18.080
	48			18.083
	52			18.072
	60			18.088
	64			18.067
	100			18.325
	116			18.348
	140			18.261
	144			18.258
IEEE 802.11n_40	38	N/A		36.482
	46			36.499
	54			36.487
	62			36.479
	102			36.669
	110			36.665
	134			36.680
	142			36.656
IEEE 802.11ac_20	36		0	18.036
	44			18.099
	48			18.049
	52			18.057
	60			18.120
	64			18.059
	100			18.256
	116			18.273
	140			18.287
	144			18.268
IEEE 802.11ac_40	38			36.457
	46			36.469
	54			36.453
	62			36.492
	102			36.811
	110			36.743
	134			36.711
	142			36.748
IEEE 802.11ax_20	36	SU		19.102
	44			19.192
	48			19.092
	52			19.116
	60			19.070
	64			19.092
	100			19.207
	116			19.225
	140			19.225
	144			19.171
IEEE 802.11ax_40	38			37.932

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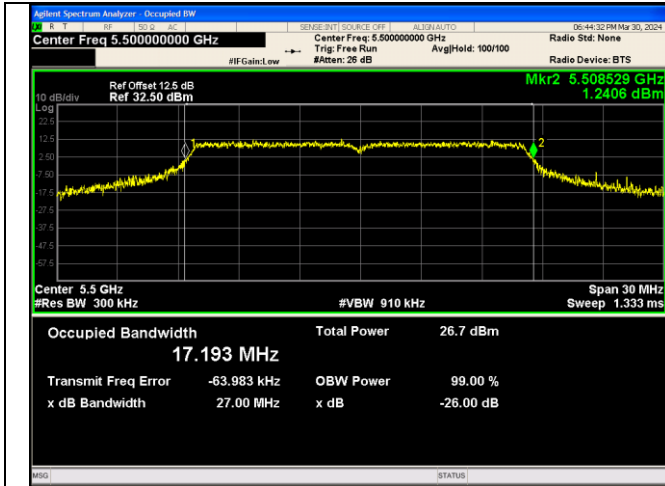
	46		37.853
	54		37.866
	62		37.847
	102		38.038
	110		38.027
	134		38.101
	142		38.051

Test Graphs

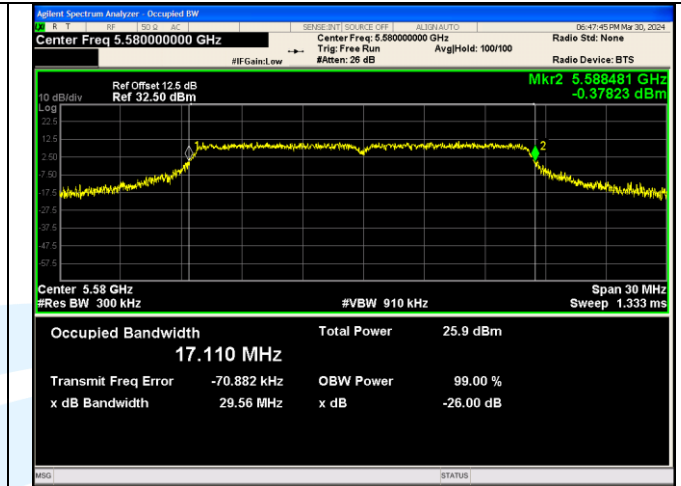


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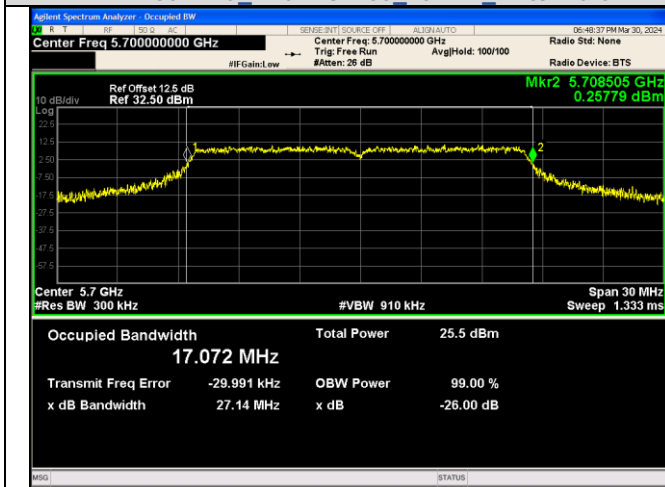
Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China
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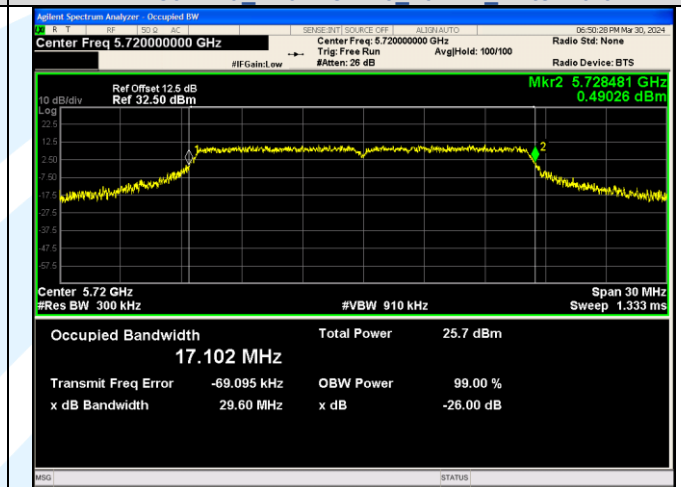
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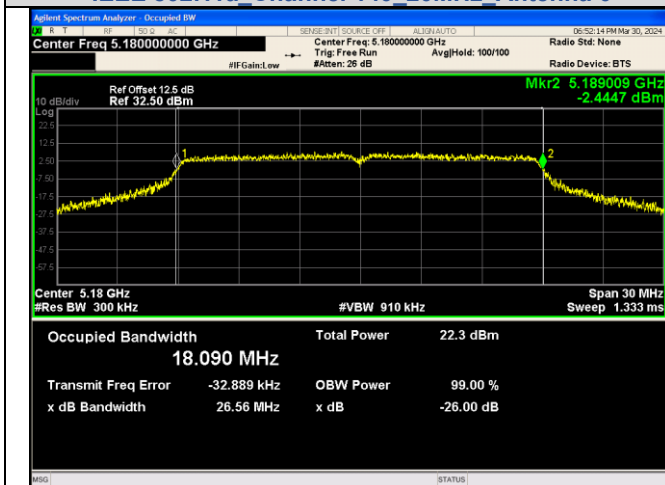
IEEE 802.11a Channel 116 20MHz Antenna 0



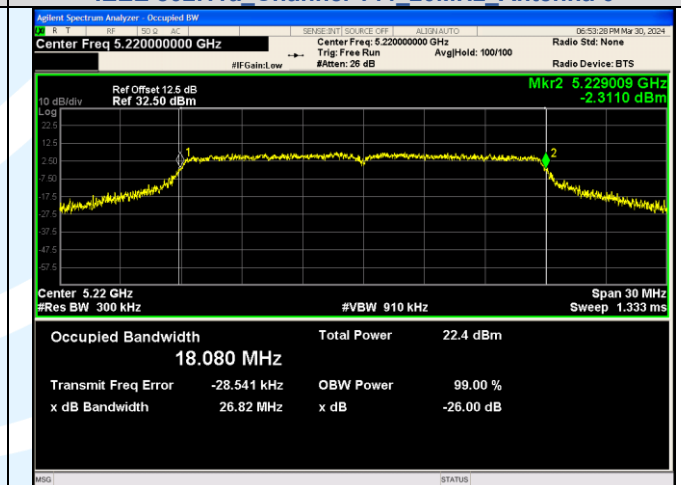
IEEE 802.11a Channel 140 20MHz Antenna 0



IEEE 802.11a Channel 144 20MHz Antenna 0



IEEE 802.11n Channel 36 20MHz Antenna 0



IEEE 802.11n Channel 44 20MHz Antenna 0

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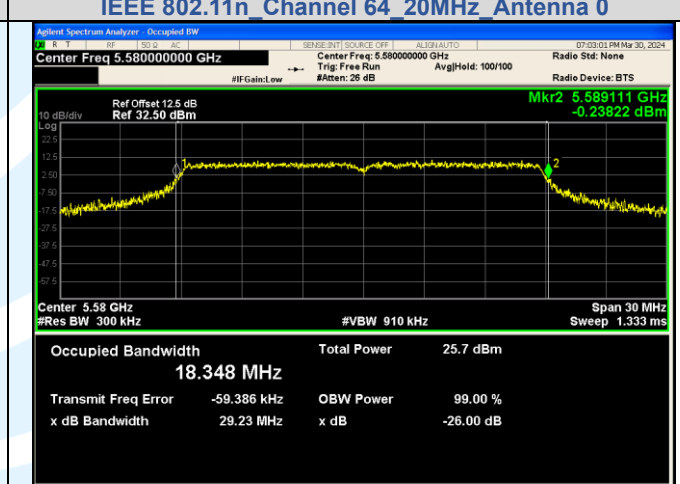
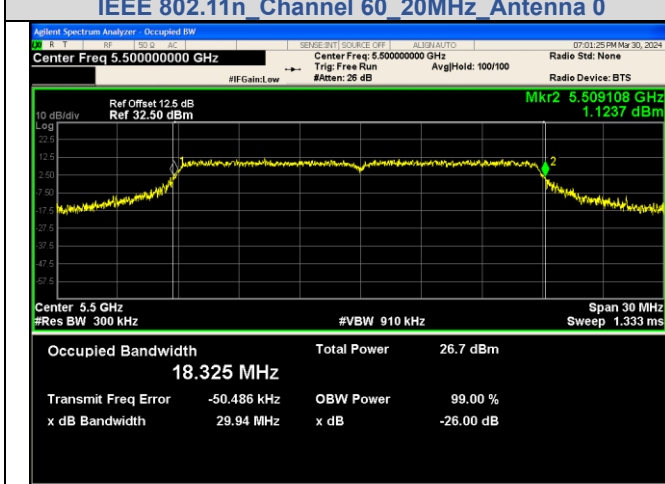
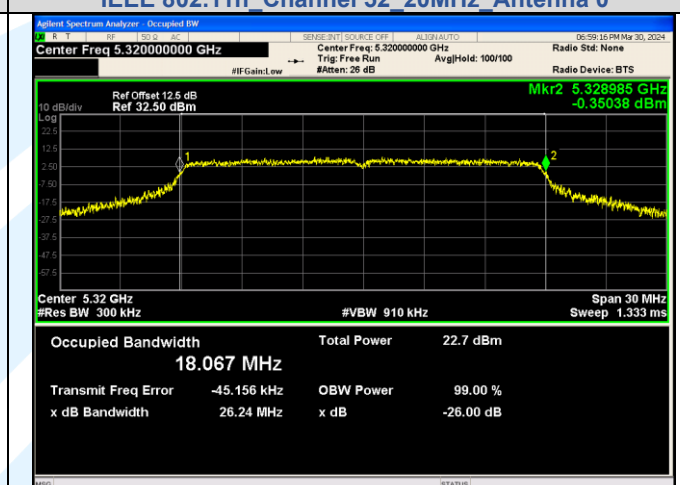
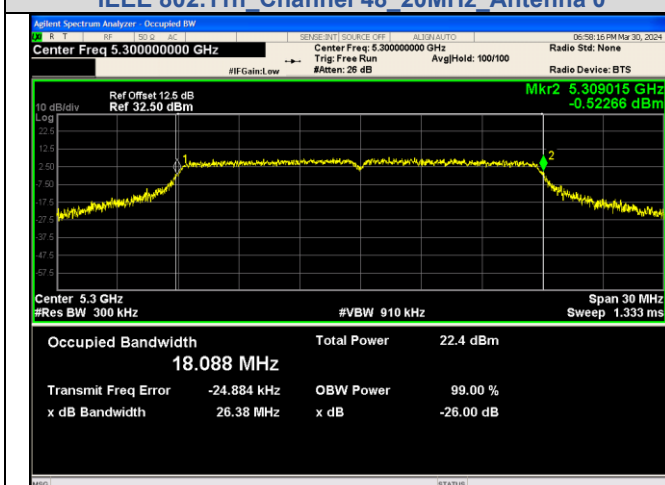
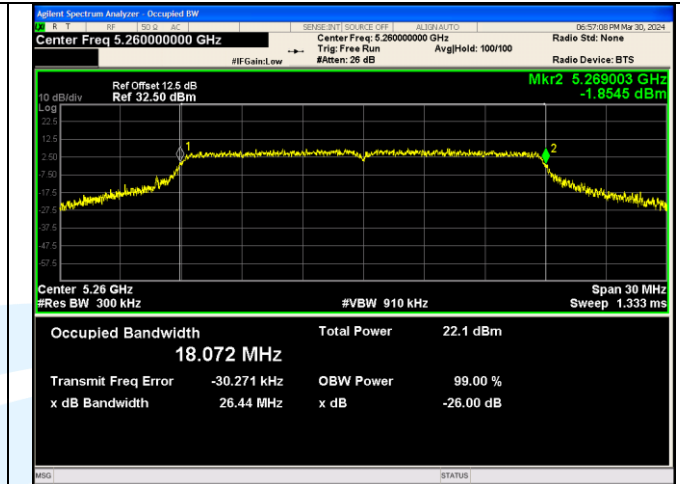
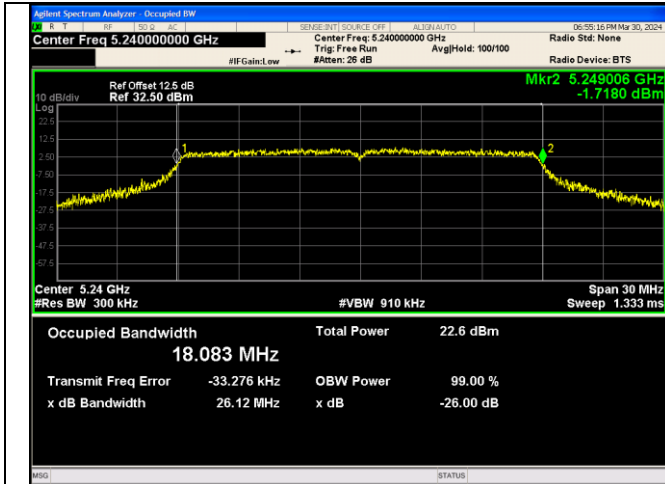
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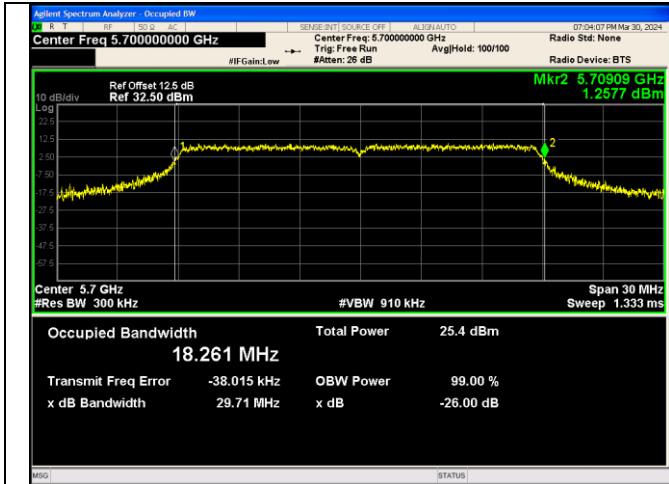
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Fax: +86-755-28230886

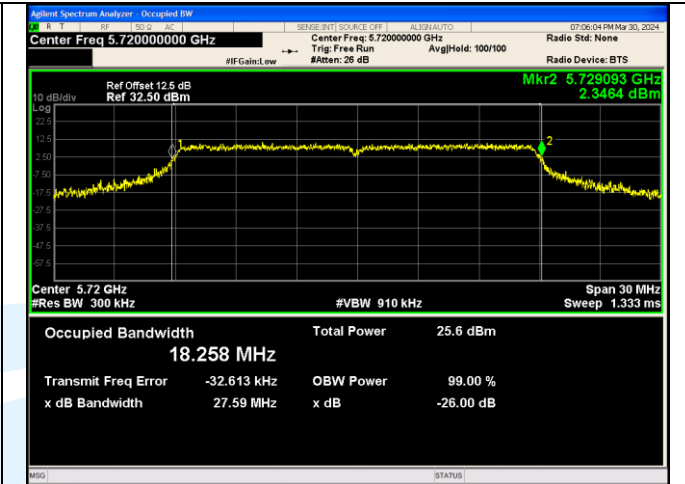
E-mail: info@uttlab.com

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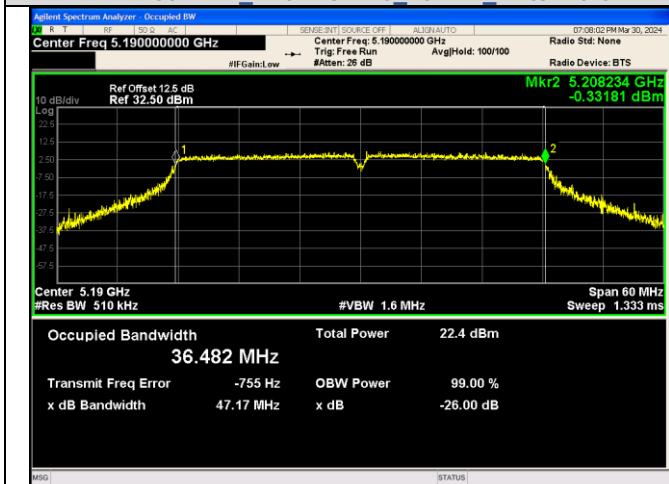
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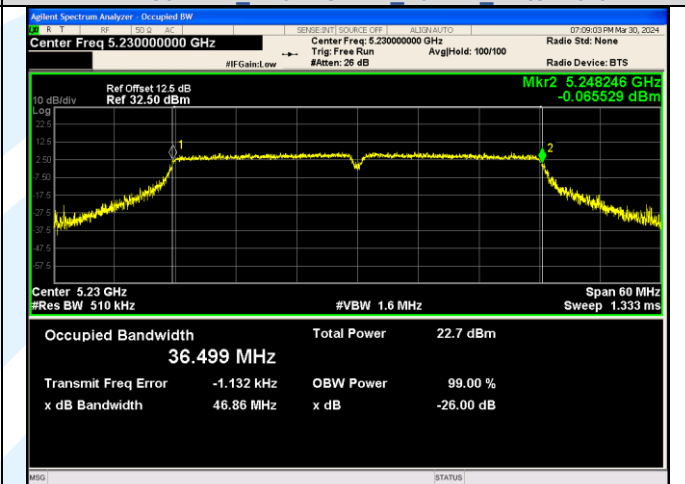
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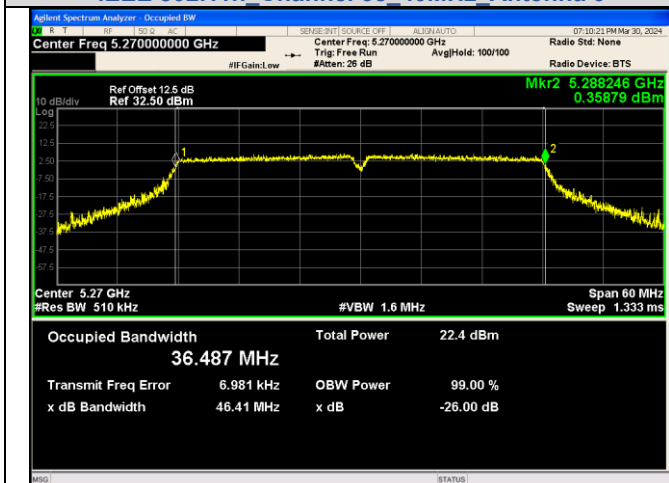
IEEE 802.11n Channel 144 20MHz Antenna 0



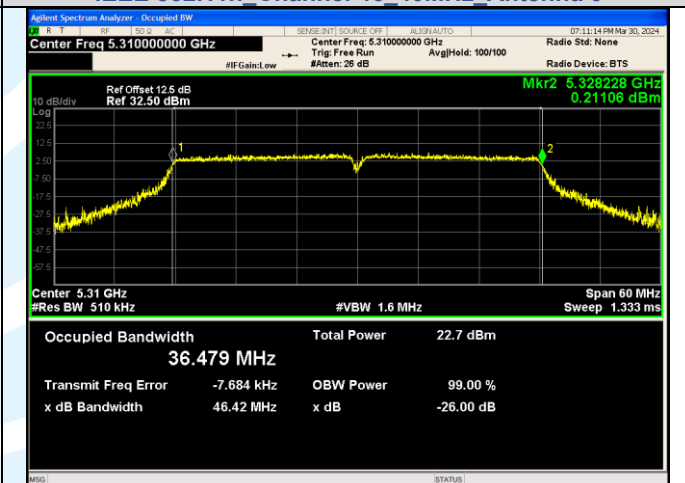
IEEE 802.11n Channel 38 40MHz Antenna 0



IEEE 802.11n Channel 46 40MHz Antenna 0



IEEE 802.11n Channel 54 40MHz Antenna 0



IEEE 802.11n Channel 62 40MHz Antenna 0

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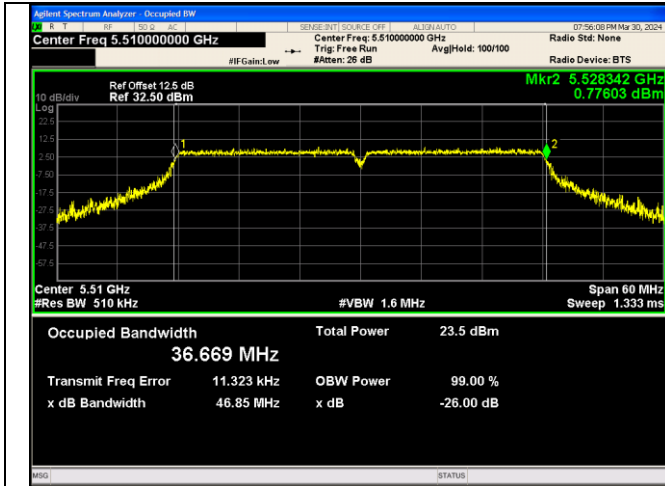
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Fax: +86-755-28230886

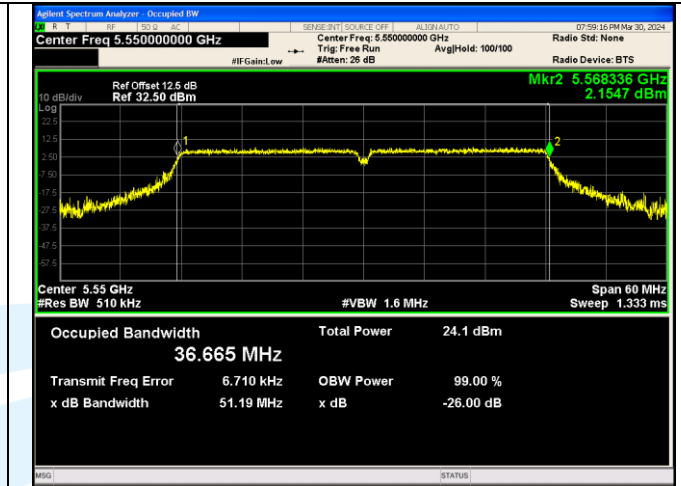
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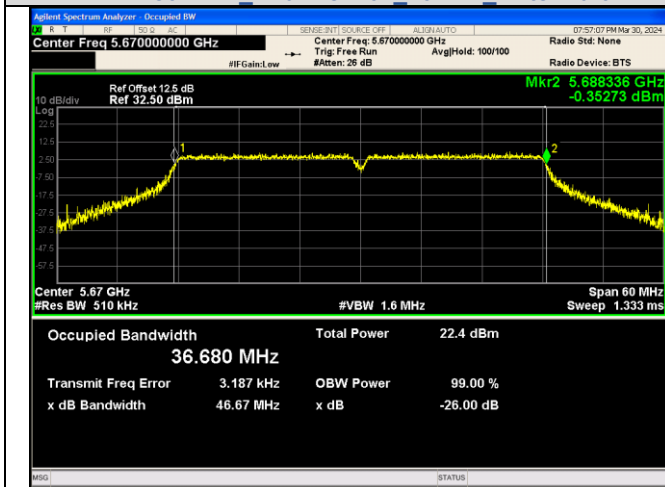
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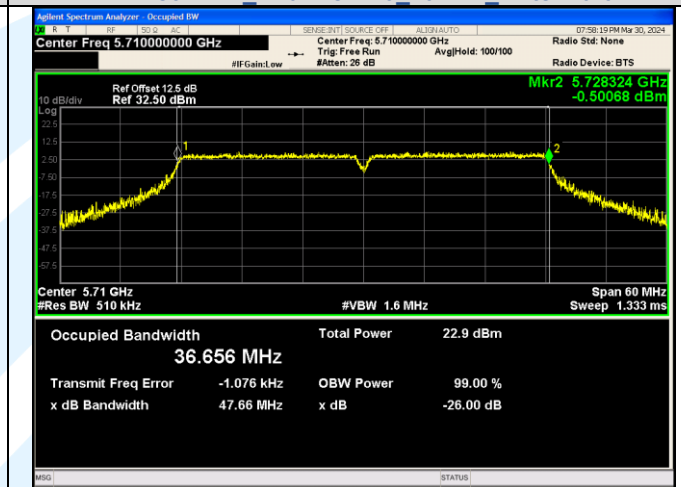
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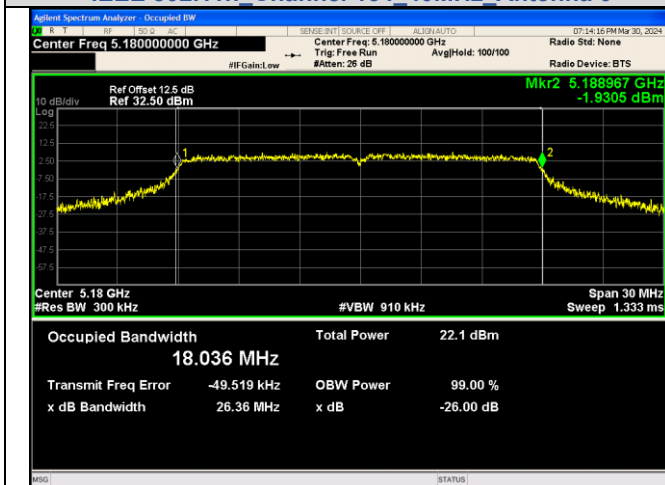
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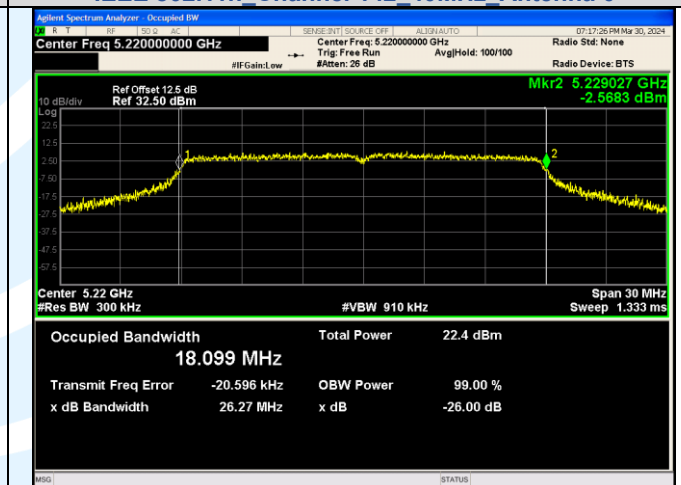
IEEE 802.11n Channel 134 40MHz Antenna 0



IEEE 802.11n Channel 142 40MHz Antenna 0



IEEE 802.11ac Channel 36 20MHz Antenna 0



IEEE 802.11ac Channel 44 20MHz Antenna 0

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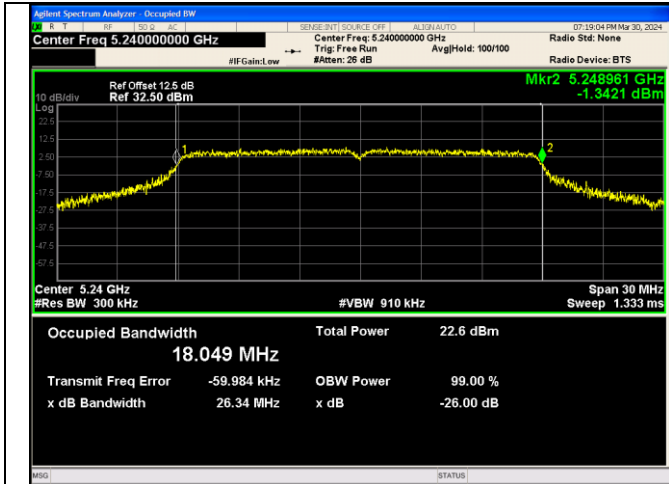
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Fax: +86-755-28230886

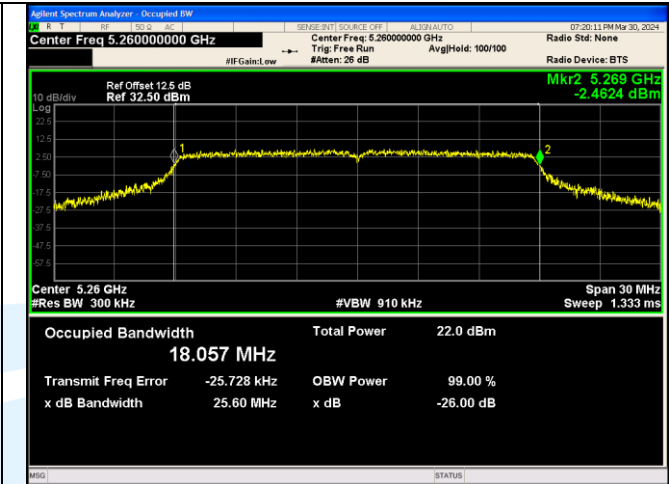
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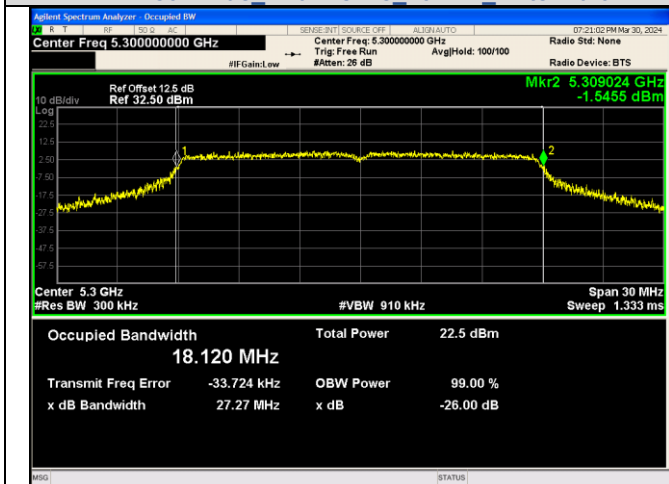
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IEEE 802.11ac Channel 48 20MHz Antenna 0



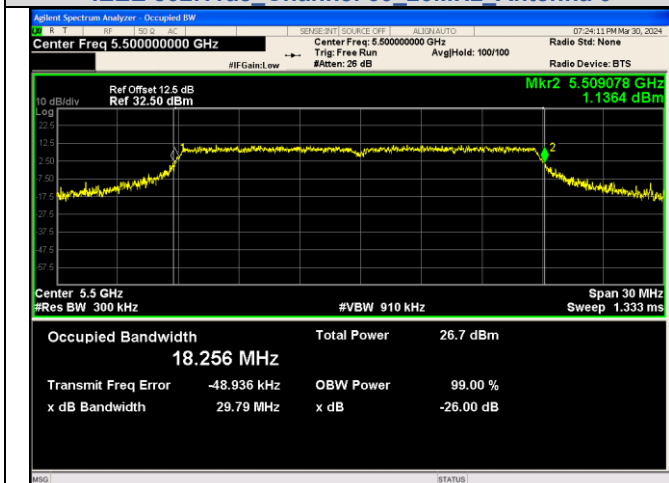
IEEE 802.11ac Channel 52 20MHz Antenna 0



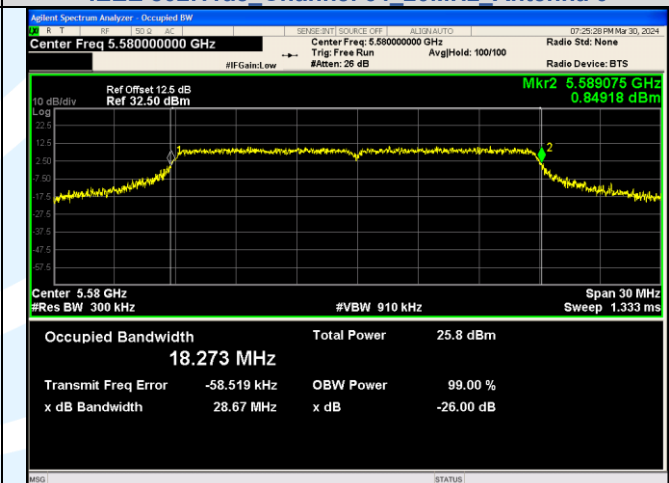
IEEE 802.11ac Channel 60 20MHz Antenna 0



IEEE 802.11ac Channel 64 20MHz Antenna 0



IEEE 802.11ac Channel 100 20MHz Antenna 0



IEEE 802.11ac Channel 116 20MHz Antenna 0

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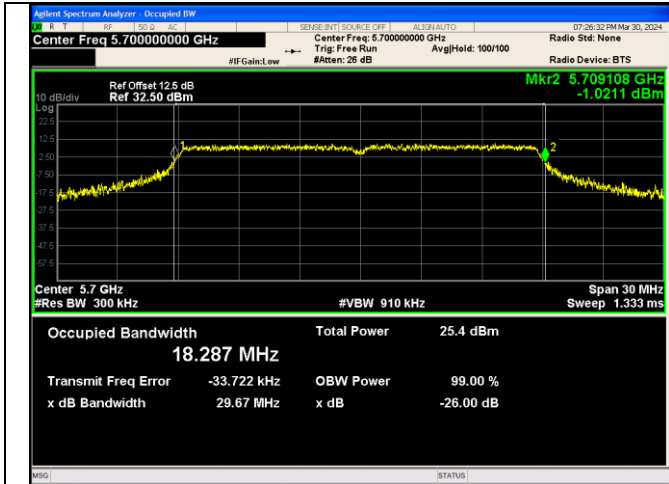
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Fax: +86-755-28230886

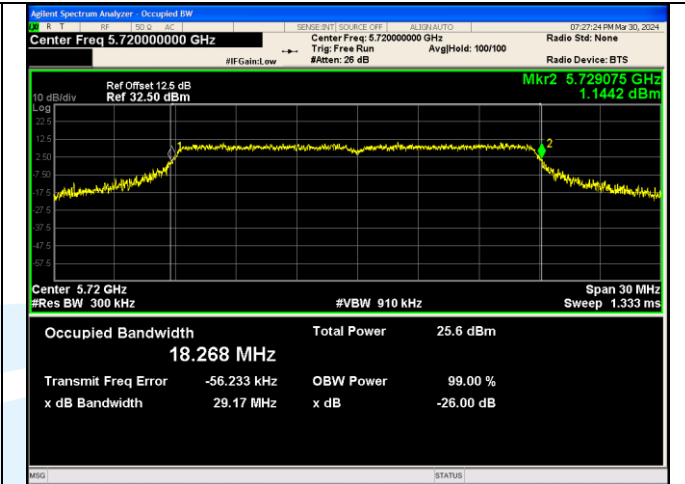
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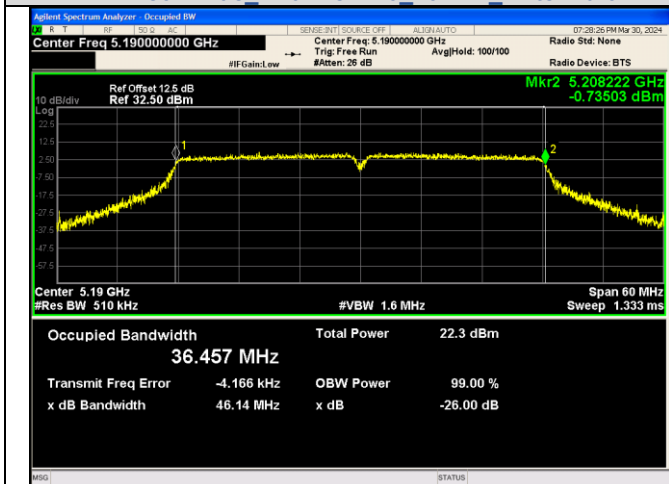
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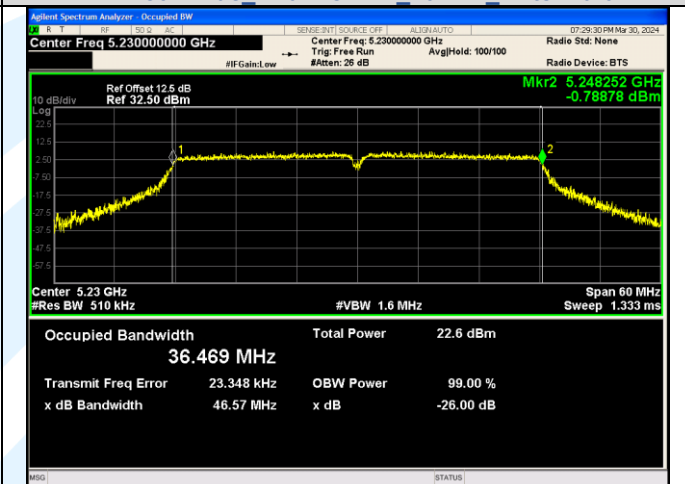
IEEE 802.11ac Channel 140 20MHz Antenna 0



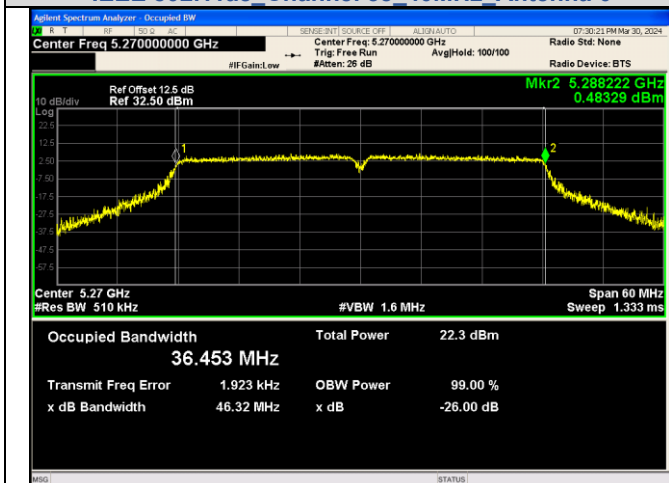
IEEE 802.11ac Channel 144 20MHz Antenna 0



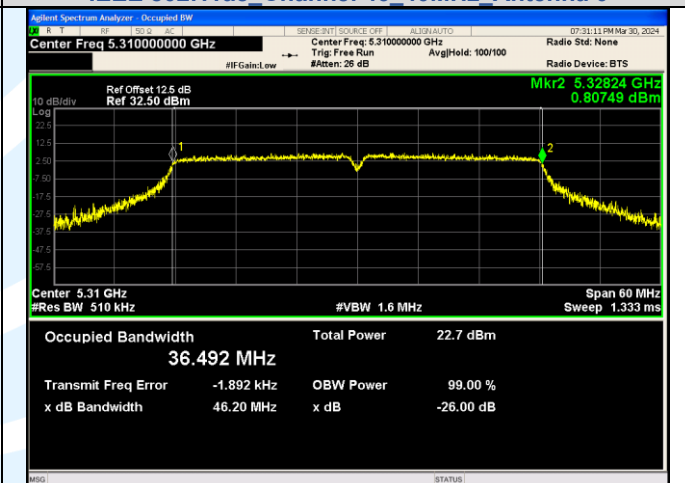
IEEE 802.11ac Channel 38 40MHz Antenna 0



IEEE 802.11ac Channel 46 40MHz Antenna 0



IEEE 802.11ac Channel 54 40MHz Antenna 0



IEEE 802.11ac Channel 62 40MHz Antenna 0

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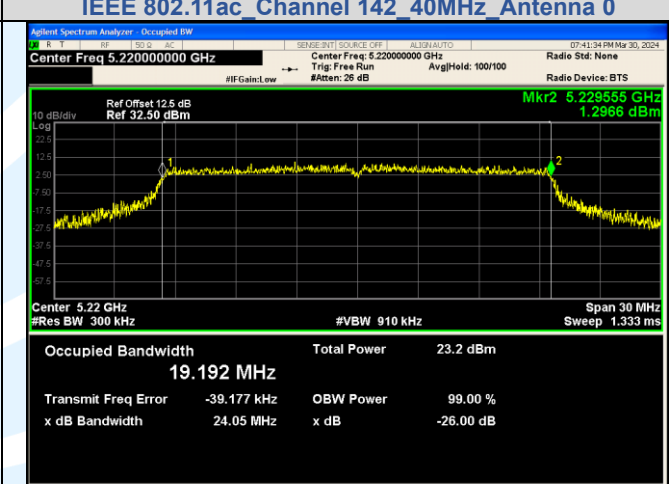
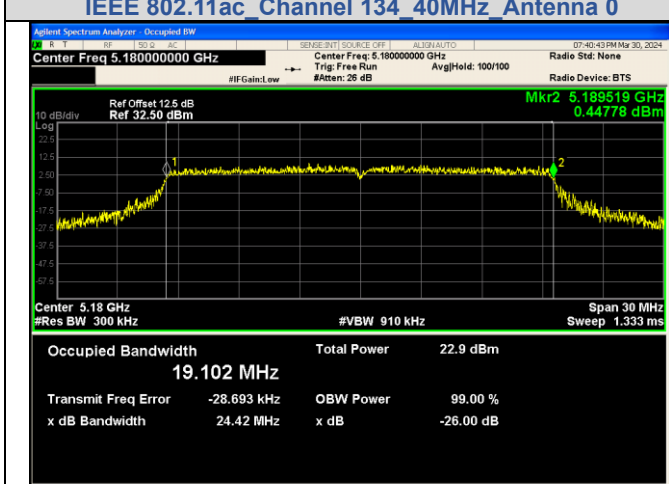
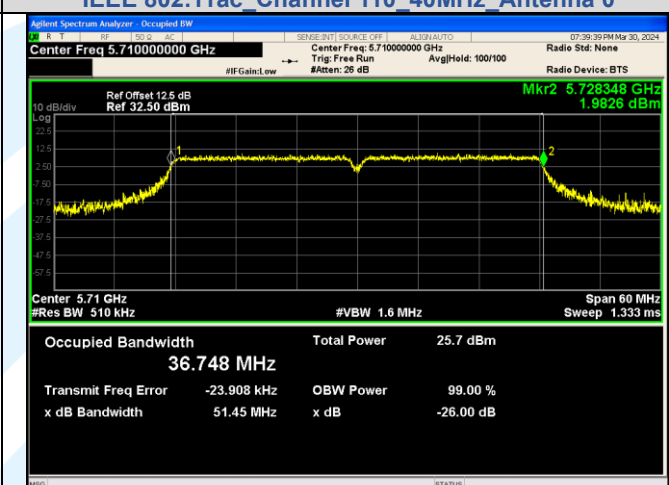
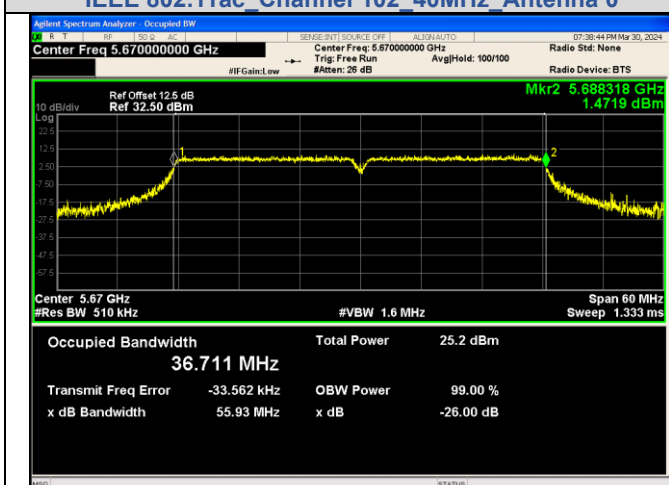
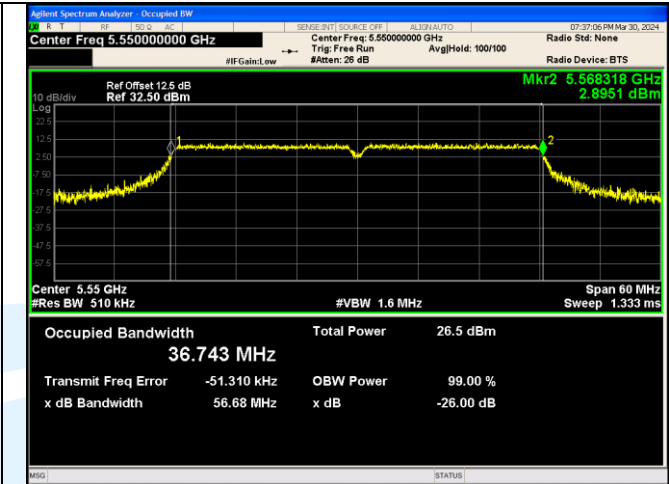
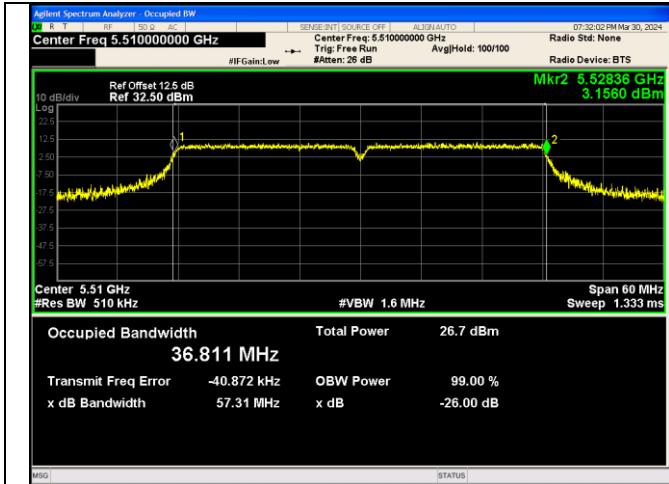
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E-mail: info@uttlab.com

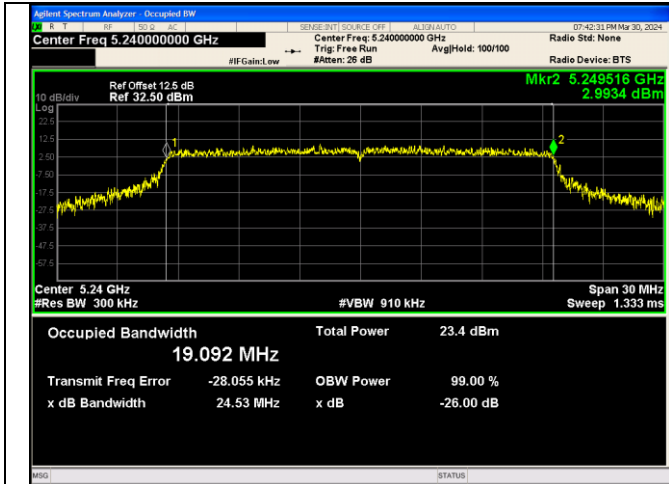
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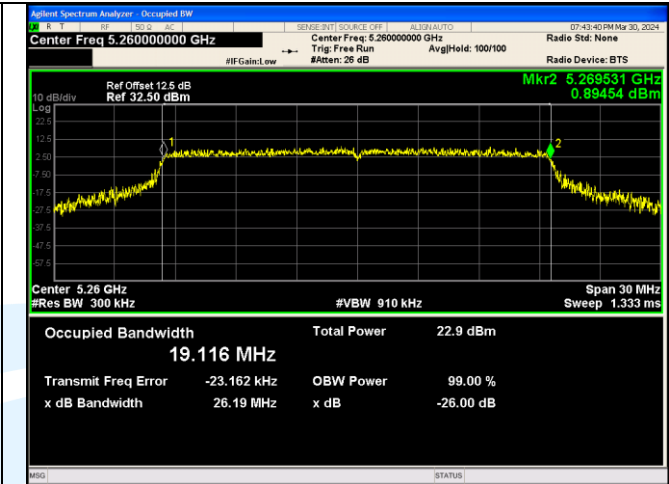


IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU

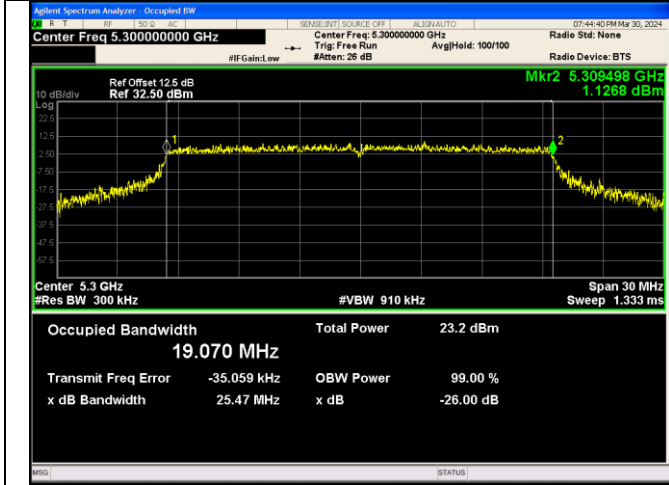
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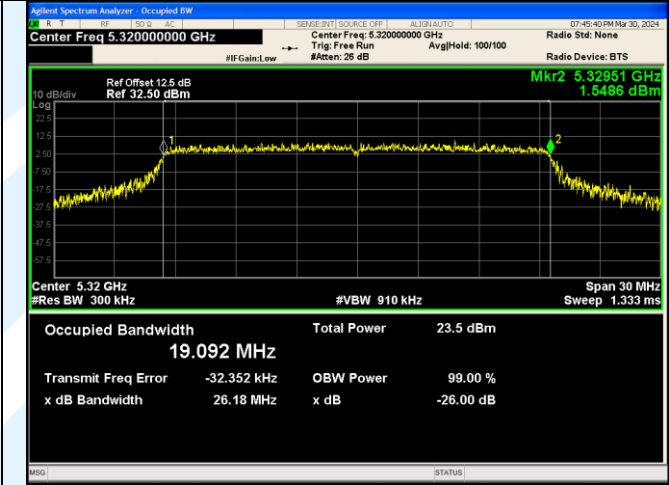
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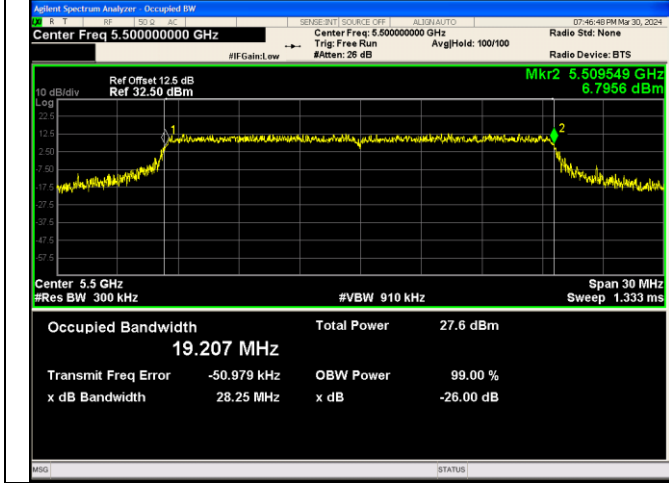
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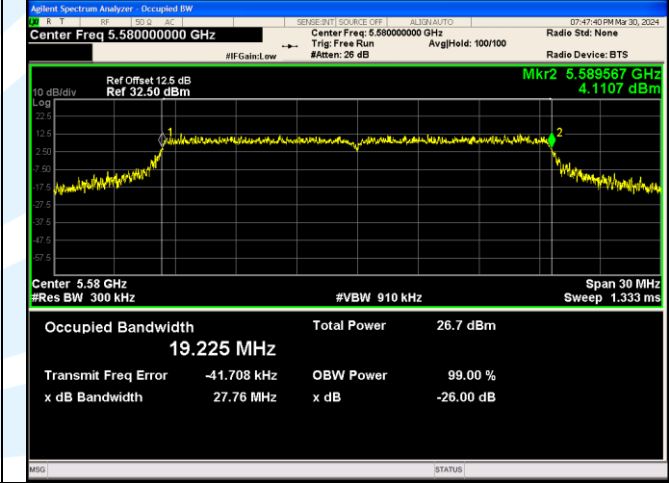
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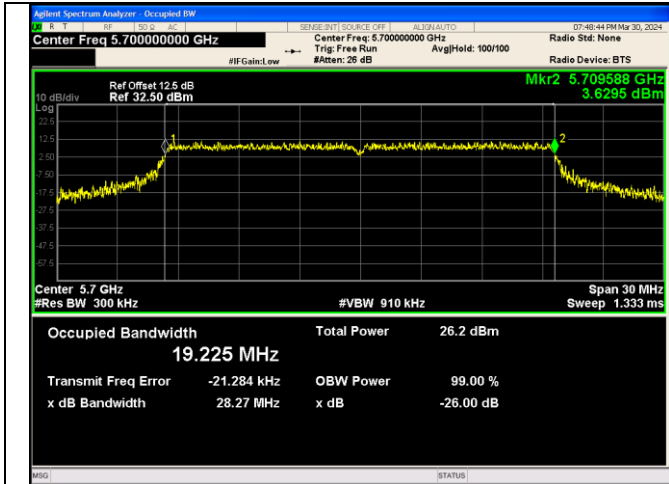
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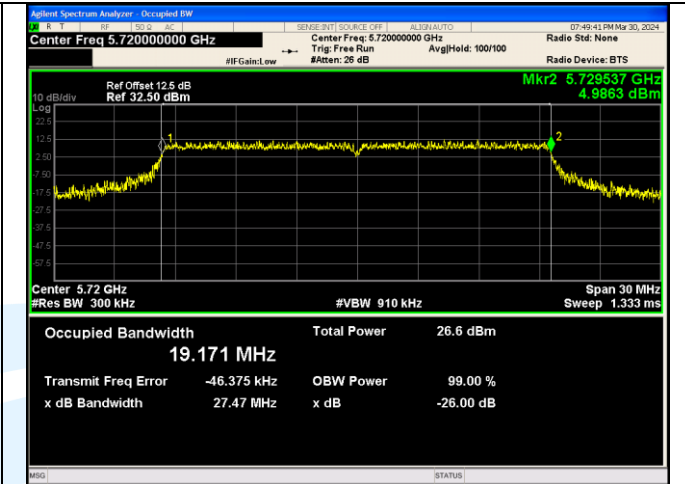
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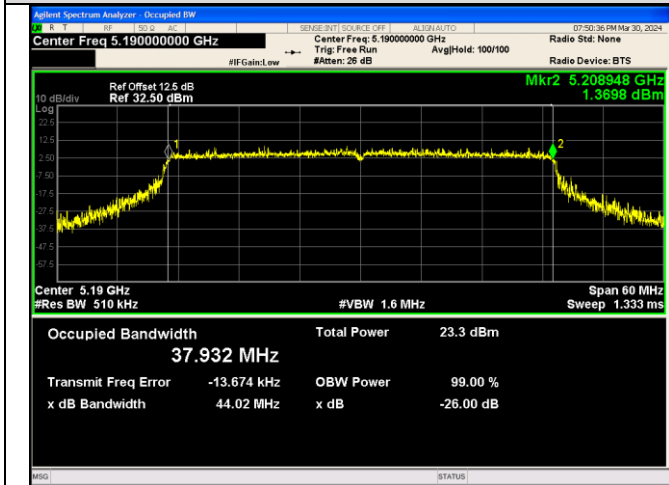
IEEE 802.11ax_Channel 116_20MHz_Antenna 0_RU&Index SU



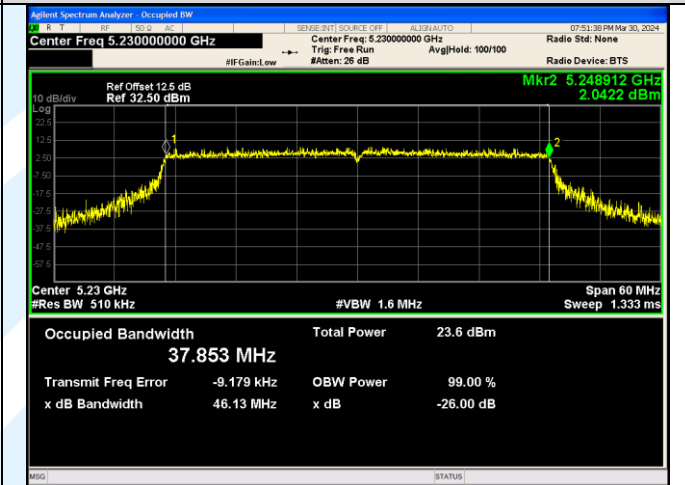
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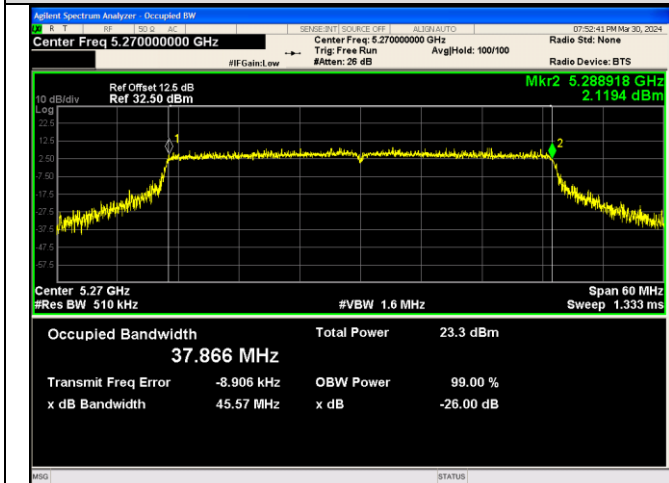
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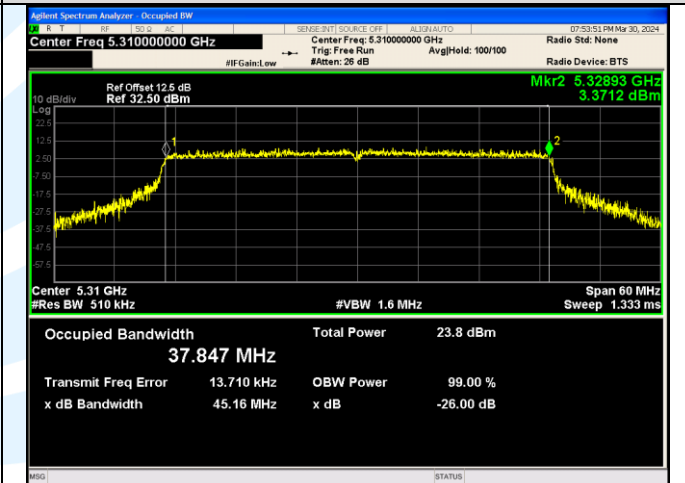
IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 54_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 62_40MHz_Antenna 0_RU&Index SU

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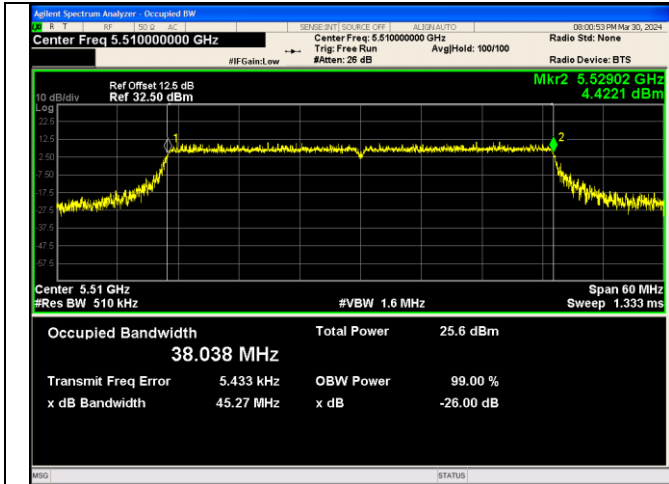
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Fax: +86-755-28230886

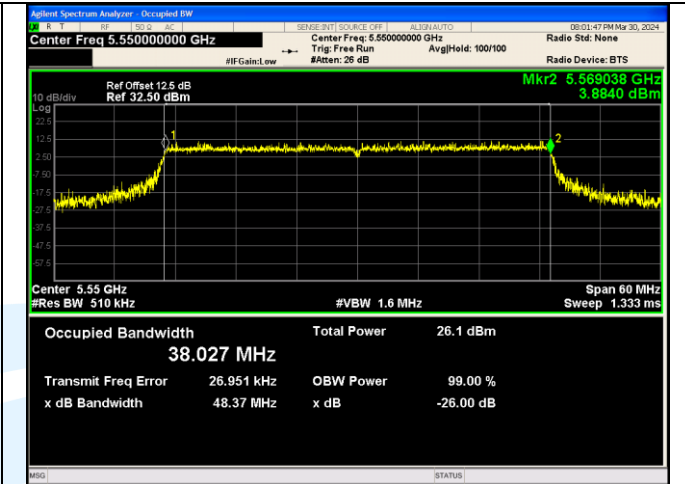
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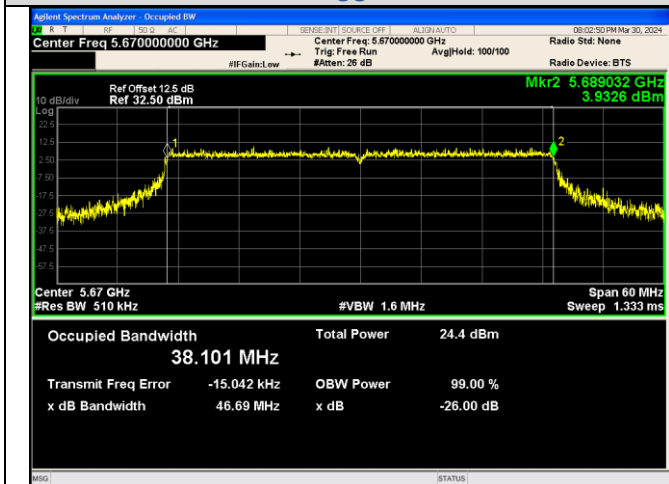
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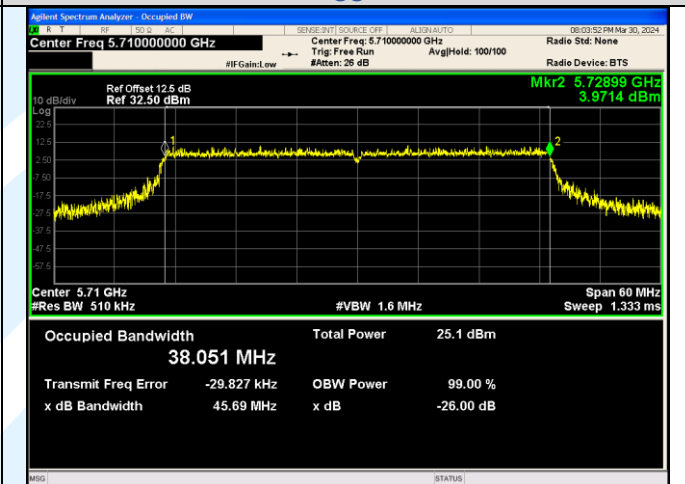
IEEE 802.11ax_Channel 102_40MHz_Antenna 0_RU&Index SU



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

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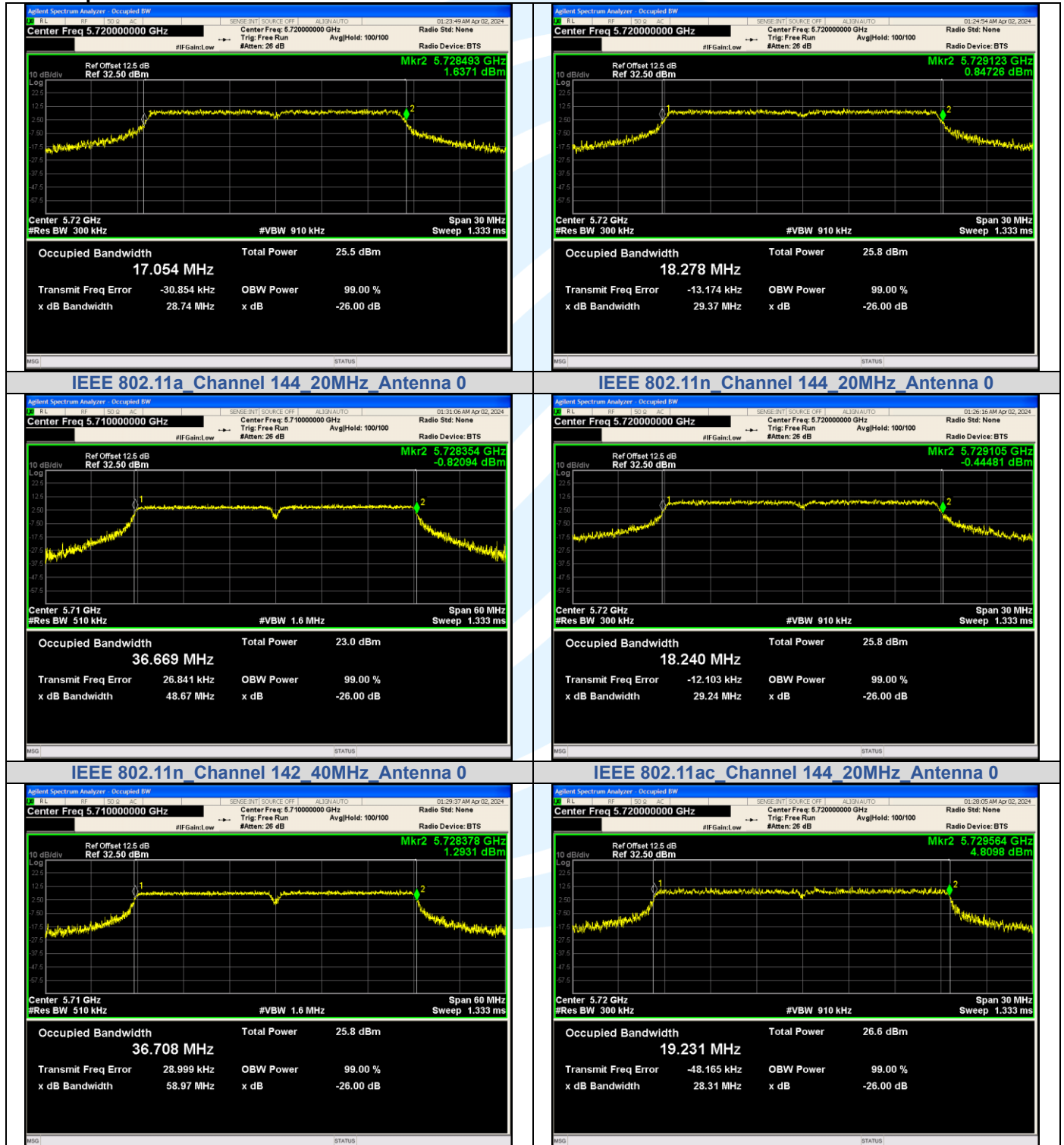
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For U-NII-3 band

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	144	N/A	0	17.054
IEEE 802.11n_20				18.278
IEEE 802.11n_40	142			36.669
IEEE 802.11ac_20	144			18.240
IEEE 802.11ac_40	142			36.708
IEEE 802.11ax_20	144			19.231
IEEE 802.11ax_40	142	SU	37.996	

Test Graphs



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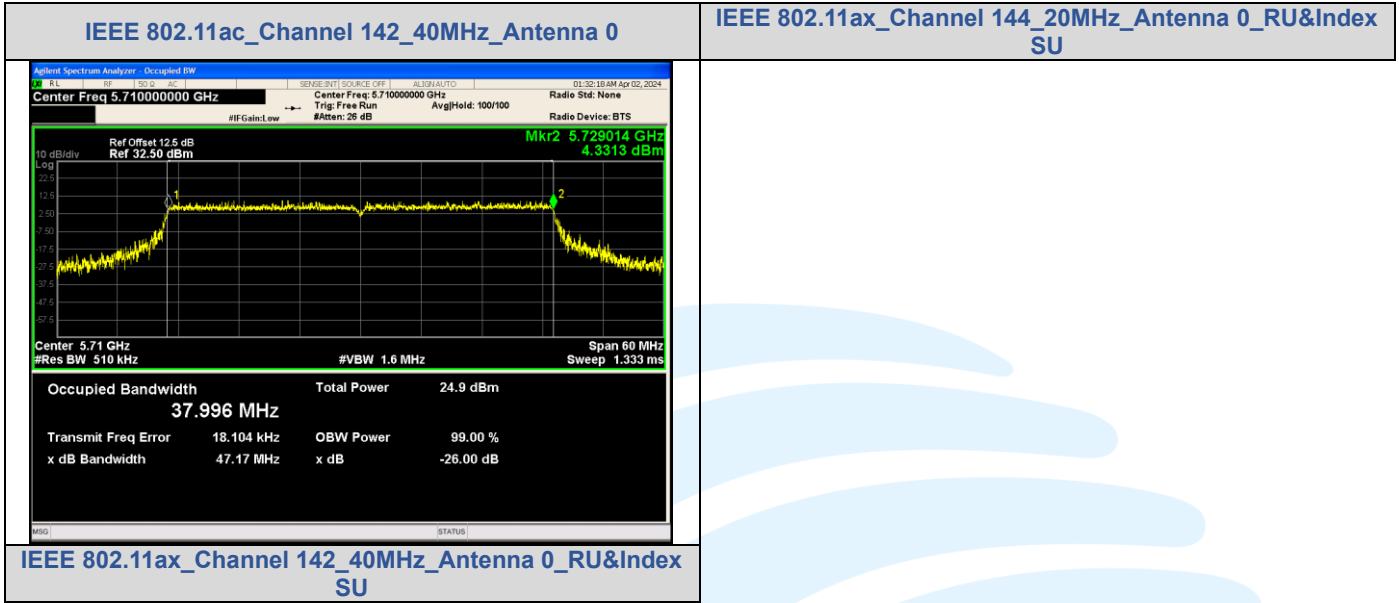
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