

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

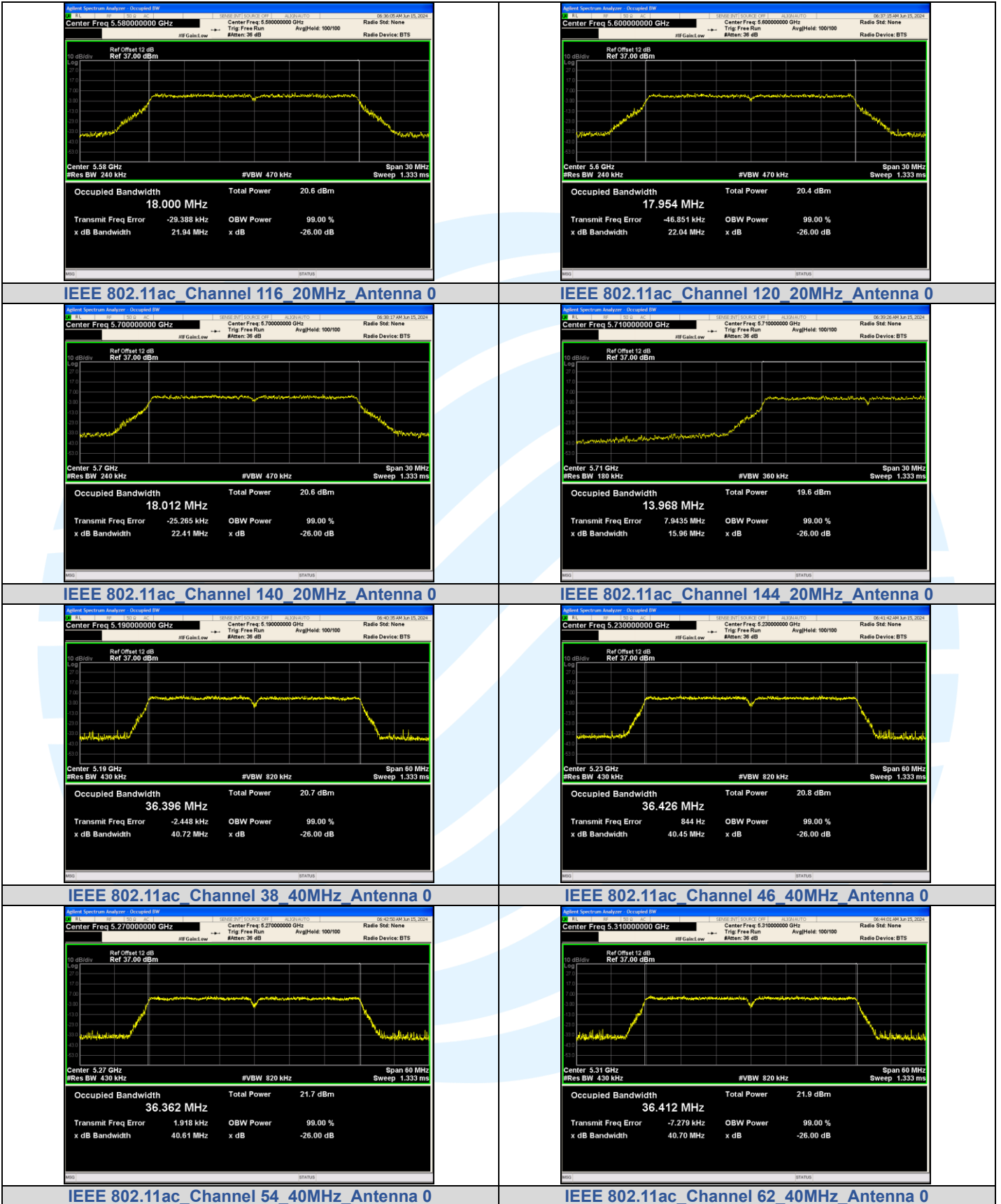
Tel: +86-755-28230888

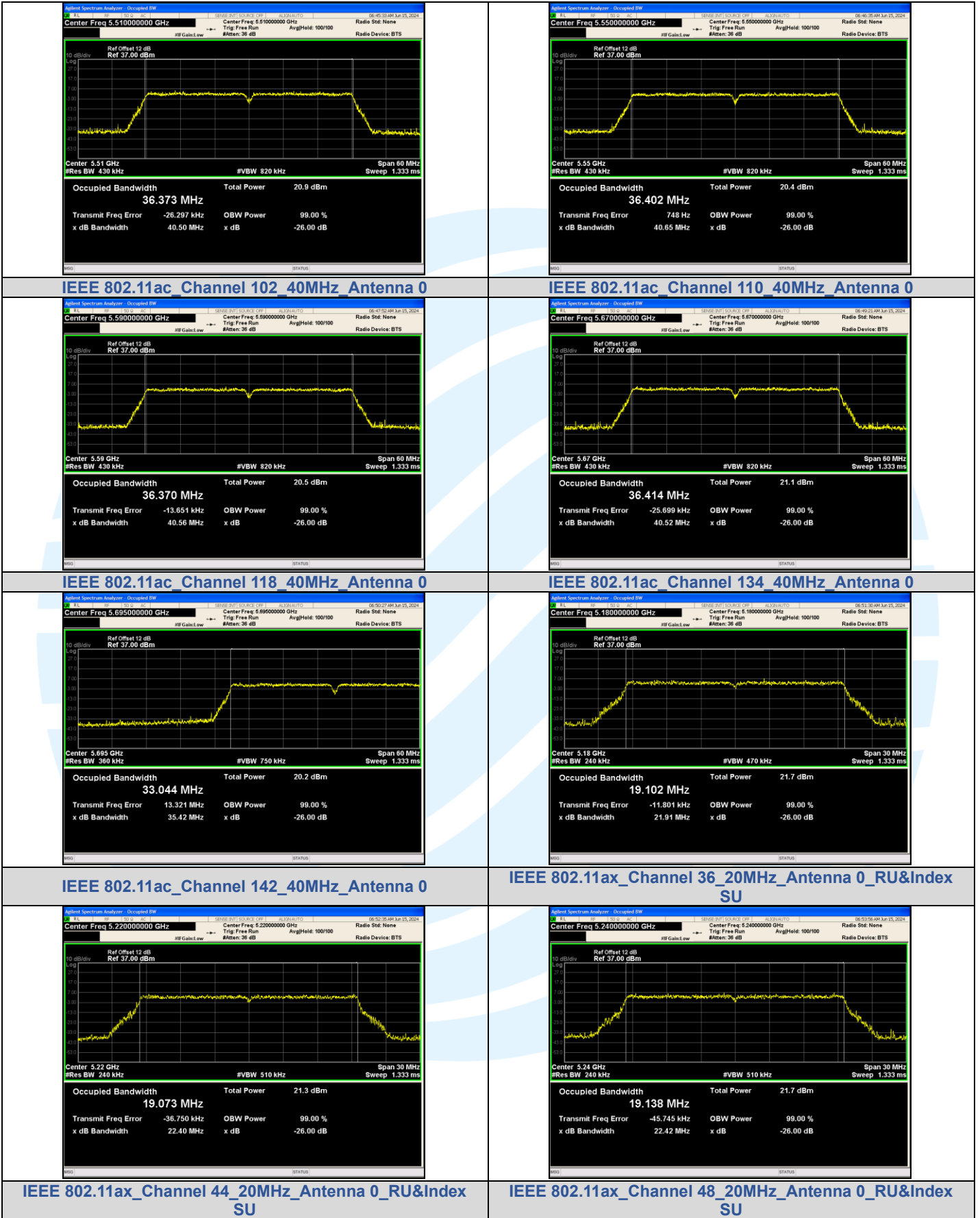
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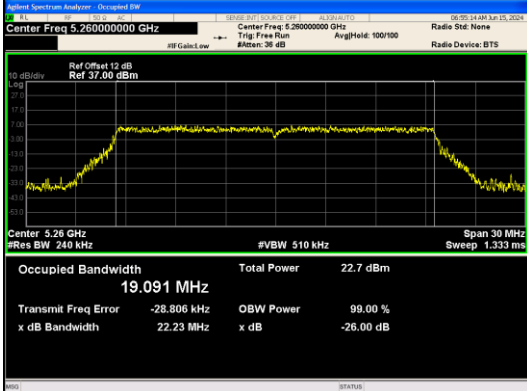
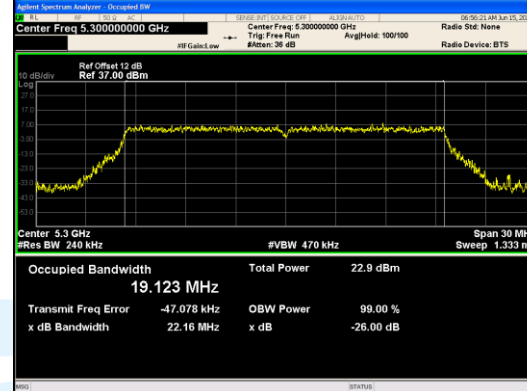
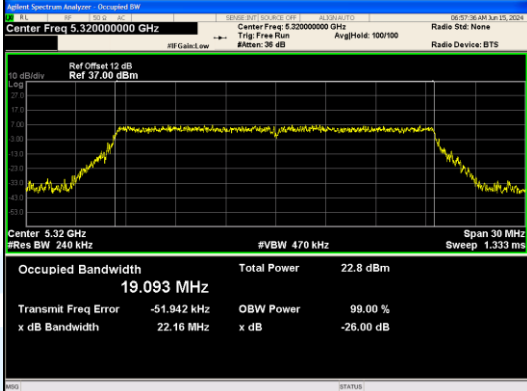
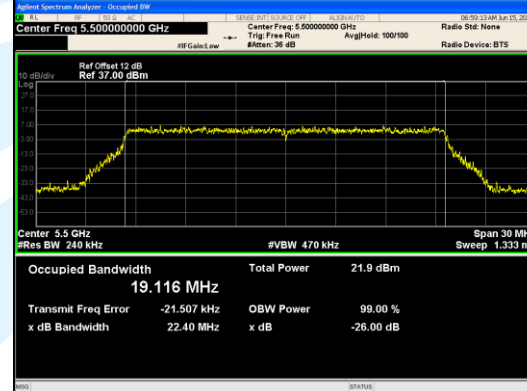
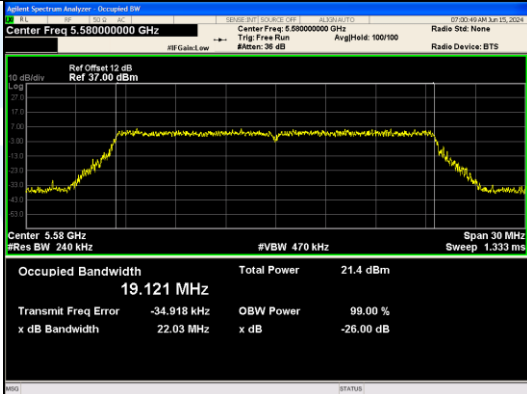
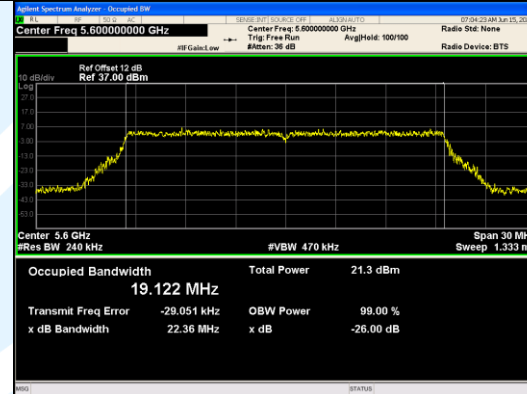
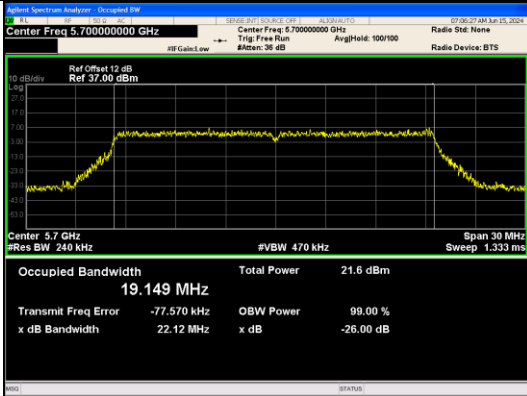
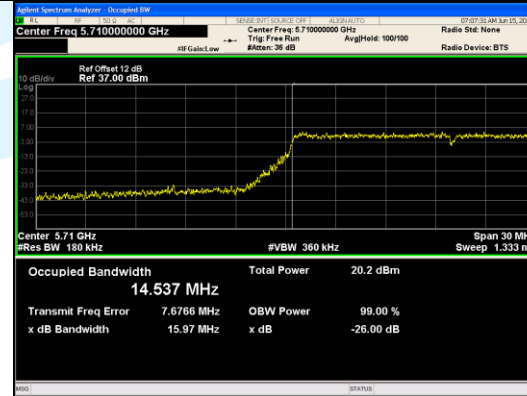
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 <p>Center Freq 5.260000000 GHz</p> <p>Center Freq: 5.260000000 GHz Trig: Free Run #Atten: 36 dB</p> <p>Ref Offset 12 dB Ref 37.00 dBm</p> <p>Center 5.26 GHz #Res BW 240 kHz #VBW 510 kHz Span 30 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.091 MHz Total Power 22.7 dBm</p> <p>Transmit Freq Error -28.806 kHz OBW Power 99.00 % x dB Bandwidth 22.23 MHz x dB -26.00 dB</p>	 <p>Center Freq 5.300000000 GHz</p> <p>Center Freq: 5.300000000 GHz Trig: Free Run #Atten: 36 dB</p> <p>Ref Offset 12 dB Ref 37.00 dBm</p> <p>Center 5.3 GHz #Res BW 240 kHz #VBW 470 kHz Span 30 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.123 MHz Total Power 22.9 dBm</p> <p>Transmit Freq Error -47.078 kHz OBW Power 99.00 % x dB Bandwidth 22.16 MHz x dB -26.00 dB</p>
<p>IEEE 802.11ax_Channel 52_20MHz_Antenna 0_RU&Index SU</p>	<p>IEEE 802.11ax_Channel 60_20MHz_Antenna 0_RU&Index SU</p>
 <p>Center Freq 5.320000000 GHz</p> <p>Center Freq: 5.320000000 GHz Trig: Free Run #Atten: 36 dB</p> <p>Ref Offset 12 dB Ref 37.00 dBm</p> <p>Center 5.32 GHz #Res BW 240 kHz #VBW 470 kHz Span 30 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.093 MHz Total Power 22.8 dBm</p> <p>Transmit Freq Error -51.942 kHz OBW Power 99.00 % x dB Bandwidth 22.16 MHz x dB -26.00 dB</p>	 <p>Center Freq 5.500000000 GHz</p> <p>Center Freq: 5.500000000 GHz Trig: Free Run #Atten: 36 dB</p> <p>Ref Offset 12 dB Ref 37.00 dBm</p> <p>Center 5.5 GHz #Res BW 240 kHz #VBW 470 kHz Span 30 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.116 MHz Total Power 21.9 dBm</p> <p>Transmit Freq Error -21.507 kHz OBW Power 99.00 % x dB Bandwidth 22.40 MHz x dB -26.00 dB</p>
<p>IEEE 802.11ax_Channel 64_20MHz_Antenna 0_RU&Index SU</p>	<p>IEEE 802.11ax_Channel 100_20MHz_Antenna 0_RU&Index SU</p>
 <p>Center Freq 5.580000000 GHz</p> <p>Center Freq: 5.580000000 GHz Trig: Free Run #Atten: 36 dB</p> <p>Ref Offset 12 dB Ref 37.00 dBm</p> <p>Center 5.58 GHz #Res BW 240 kHz #VBW 470 kHz Span 30 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.121 MHz Total Power 21.4 dBm</p> <p>Transmit Freq Error -34.918 kHz OBW Power 99.00 % x dB Bandwidth 22.03 MHz x dB -26.00 dB</p>	 <p>Center Freq 5.600000000 GHz</p> <p>Center Freq: 5.600000000 GHz Trig: Free Run #Atten: 36 dB</p> <p>Ref Offset 12 dB Ref 37.00 dBm</p> <p>Center 5.6 GHz #Res BW 240 kHz #VBW 470 kHz Span 30 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.122 MHz Total Power 21.3 dBm</p> <p>Transmit Freq Error -28.051 kHz OBW Power 99.00 % x dB Bandwidth 22.36 MHz x dB -26.00 dB</p>
<p>IEEE 802.11ax_Channel 116_20MHz_Antenna 0_RU&Index SU</p>	<p>IEEE 802.11ax_Channel 120_20MHz_Antenna 0_RU&Index SU</p>
 <p>Center Freq 5.700000000 GHz</p> <p>Center Freq: 5.700000000 GHz Trig: Free Run #Atten: 36 dB</p> <p>Ref Offset 12 dB Ref 37.00 dBm</p> <p>Center 5.7 GHz #Res BW 240 kHz #VBW 470 kHz Span 30 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.149 MHz Total Power 21.6 dBm</p> <p>Transmit Freq Error -77.570 kHz OBW Power 99.00 % x dB Bandwidth 22.12 MHz x dB -26.00 dB</p>	 <p>Center Freq 5.710000000 GHz</p> <p>Center Freq: 5.710000000 GHz Trig: Free Run #Atten: 36 dB</p> <p>Ref Offset 12 dB Ref 37.00 dBm</p> <p>Center 5.71 GHz #Res BW 180 kHz #VBW 360 kHz Span 30 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 14.537 MHz Total Power 20.2 dBm</p> <p>Transmit Freq Error 7.6786 MHz OBW Power 99.00 % x dB Bandwidth 15.97 MHz x dB -26.00 dB</p>
<p>IEEE 802.11ax_Channel 140_20MHz_Antenna 0_RU&Index SU</p>	<p>IEEE 802.11ax_Channel 144_20MHz_Antenna 0_RU&Index SU</p>

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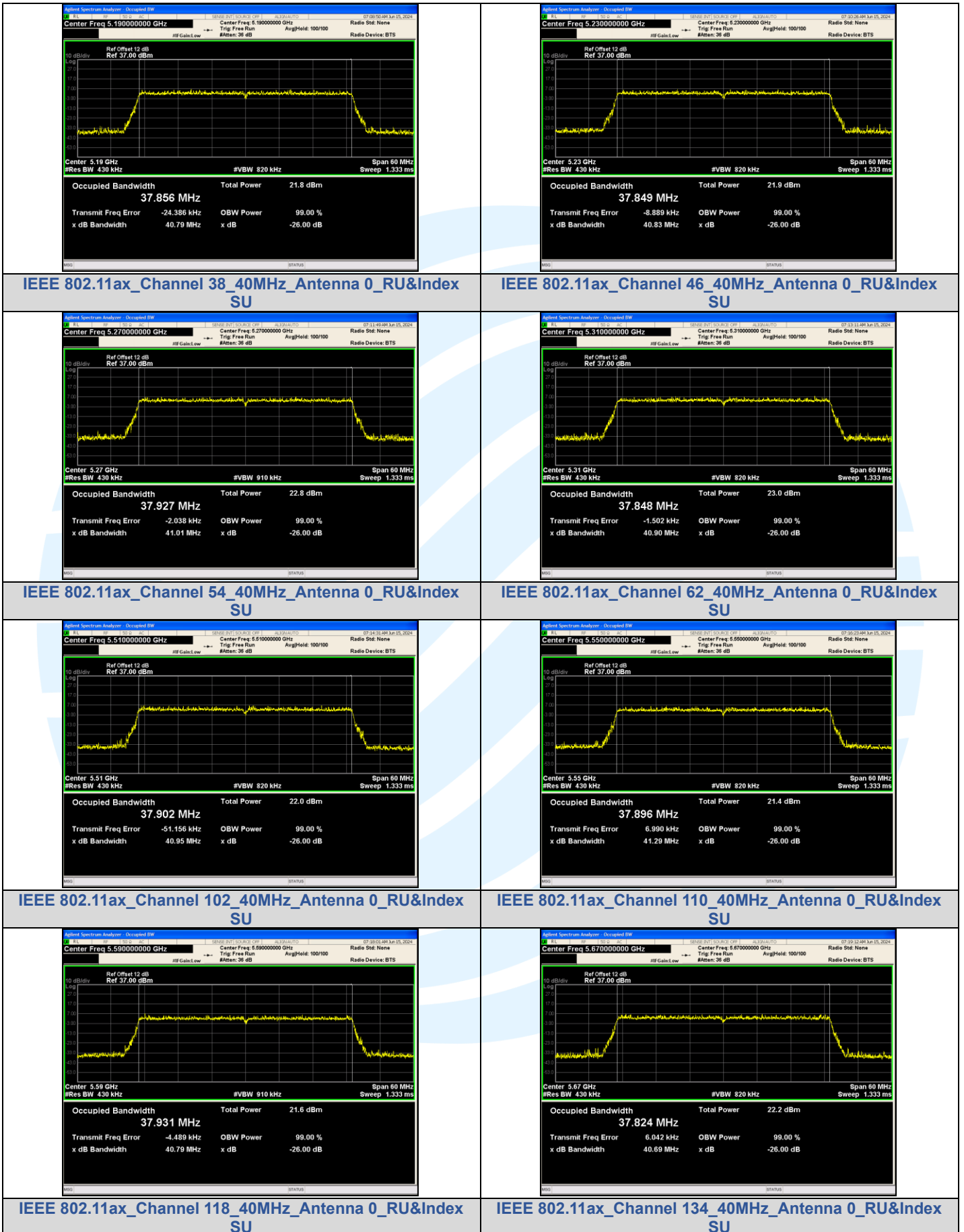
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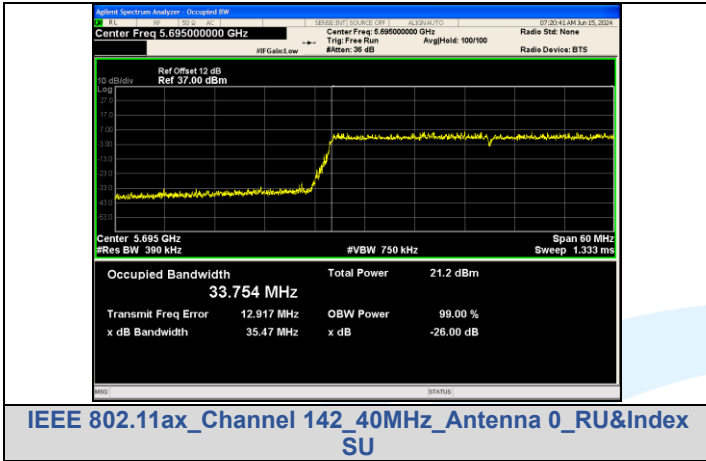
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A.3 POWER SPECTRAL DENSITY

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

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz)	Ant. 0 Corr'd PSD (dBm/MHz)	Ant. 0 EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	N/A	4.876	4.984	9.484	10	PASS
	44		4.273	4.381	8.881	10	PASS
	48		4.655	4.763	9.263	10	PASS
	52		5.125	5.233	9.733	10	PASS
	60		5.136	5.244	9.744	10	PASS
	64		5.104	5.212	9.712	10	PASS
	100		4.720	4.828	-	11	PASS
	116		4.282	4.390	-	11	PASS
	140		4.540	4.648	-	11	PASS
	144		4.342	4.450	-	11	PASS
IEEE 802.11n_20	36	N/A	4.322	4.439	8.939	10	PASS
	44		4.229	4.346	8.846	10	PASS
	48		4.555	4.672	9.172	10	PASS
	52		4.904	5.021	9.521	10	PASS
	60		4.903	5.020	9.520	10	PASS
	64		4.885	5.002	9.502	10	PASS
	100		4.563	4.680	-	11	PASS
	116		4.017	4.135	-	11	PASS
	140		4.018	4.135	-	11	PASS
	144		4.407	4.524	-	11	PASS
IEEE 802.11n_40	38	N/A	1.155	1.359	5.859	10	PASS
	46		1.135	1.339	5.839	10	PASS
	54		2.039	2.243	6.743	10	PASS
	62		2.421	2.625	7.125	10	PASS
	102		1.303	1.507	-	11	PASS
	110		0.832	1.036	-	11	PASS
	134		1.623	1.827	-	11	PASS
	142		0.946	1.150	-	11	PASS
IEEE 802.11ac_20	36	N/A	4.554	4.676	9.176	10	PASS
	44		4.127	4.249	8.749	10	PASS
	48		4.472	4.594	9.094	10	PASS
	52		4.897	5.019	9.519	10	PASS
	60		4.883	5.005	9.505	10	PASS
	64		4.758	4.880	9.380	10	PASS
	100		4.665	4.787	-	11	PASS
	116		4.020	4.142	-	11	PASS
	140		4.237	4.359	-	11	PASS
	144		4.186	4.308	-	11	PASS
IEEE 802.11ac_40	38	N/A	1.264	1.384	5.884	10	PASS
	46		1.292	1.412	5.912	10	PASS
	54		2.058	2.178	6.678	10	PASS
	62		2.604	2.724	7.224	10	PASS
	102		1.245	1.365	-	11	PASS
	110		0.723	0.843	-	11	PASS
	134		1.633	1.753	-	11	PASS
	142		1.209	1.329	-	11	PASS
IEEE 802.11ax_20	36	SU	4.334	4.469	8.969	10	PASS
	44		3.958	4.093	8.593	10	PASS
	48		4.174	4.309	8.809	10	PASS
	52		4.968	5.103	9.603	10	PASS
	60		5.135	5.270	9.770	10	PASS
	64		5.216	5.351	9.851	10	PASS
	100		4.218	4.353	-	11	PASS
	116		3.750	3.885	-	11	PASS
	140		4.017	4.152	-	11	PASS
	144		3.812	3.947	-	11	PASS
IEEE 802.11ax_40	38	SU	1.270	1.395	5.895	10	PASS
	46		1.015	1.140	5.640	10	PASS

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	54		1.970	2.095	6.595	10	PASS
	62		2.433	2.558	7.058	10	PASS
	102		1.243	1.368	-	11	PASS
	110		0.500	0.625	-	11	PASS
	134		1.510	1.635	-	11	PASS
	142		0.785	0.910	-	11	PASS

Test Graphs

