

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

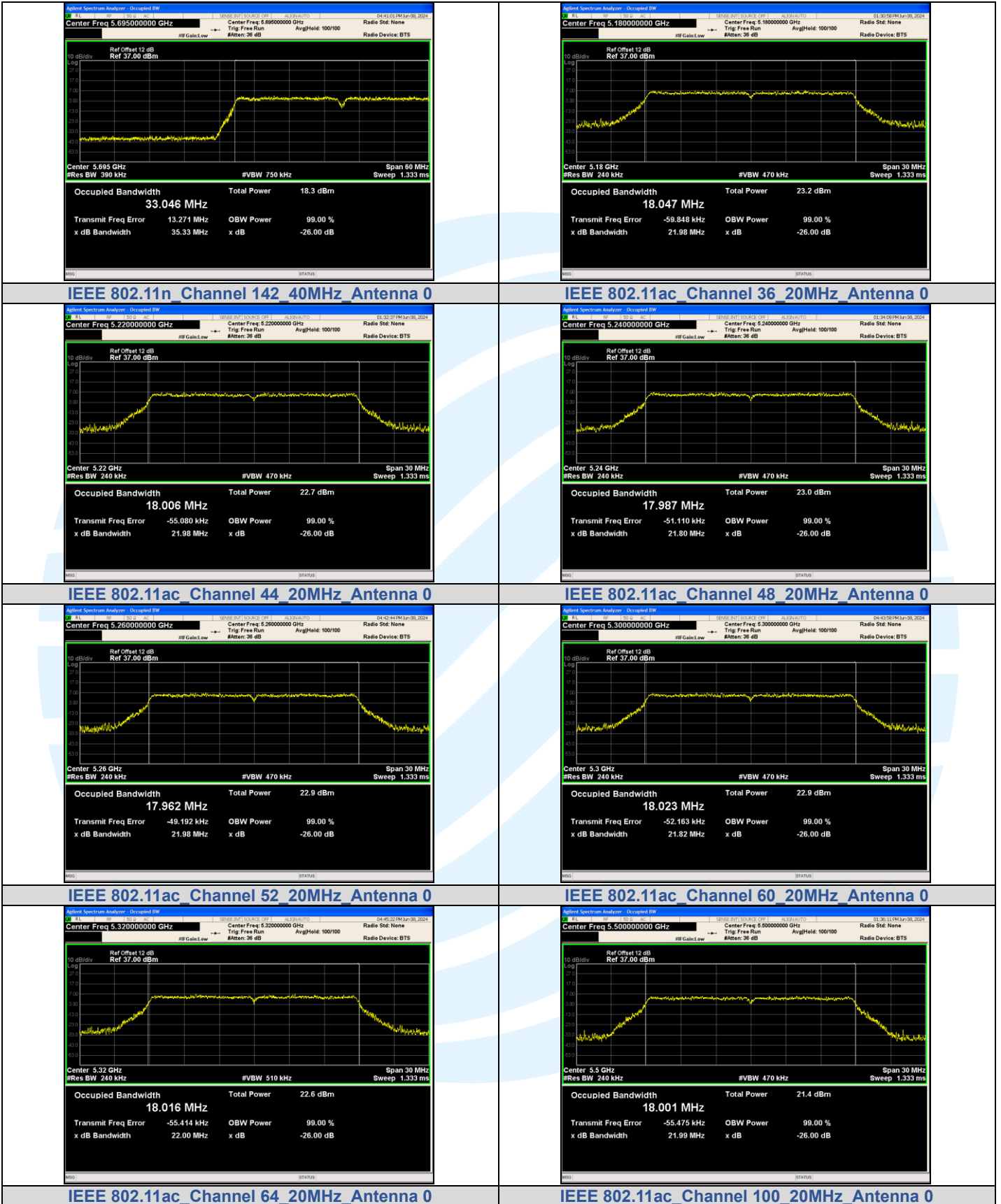
Tel: +86-755-28230888

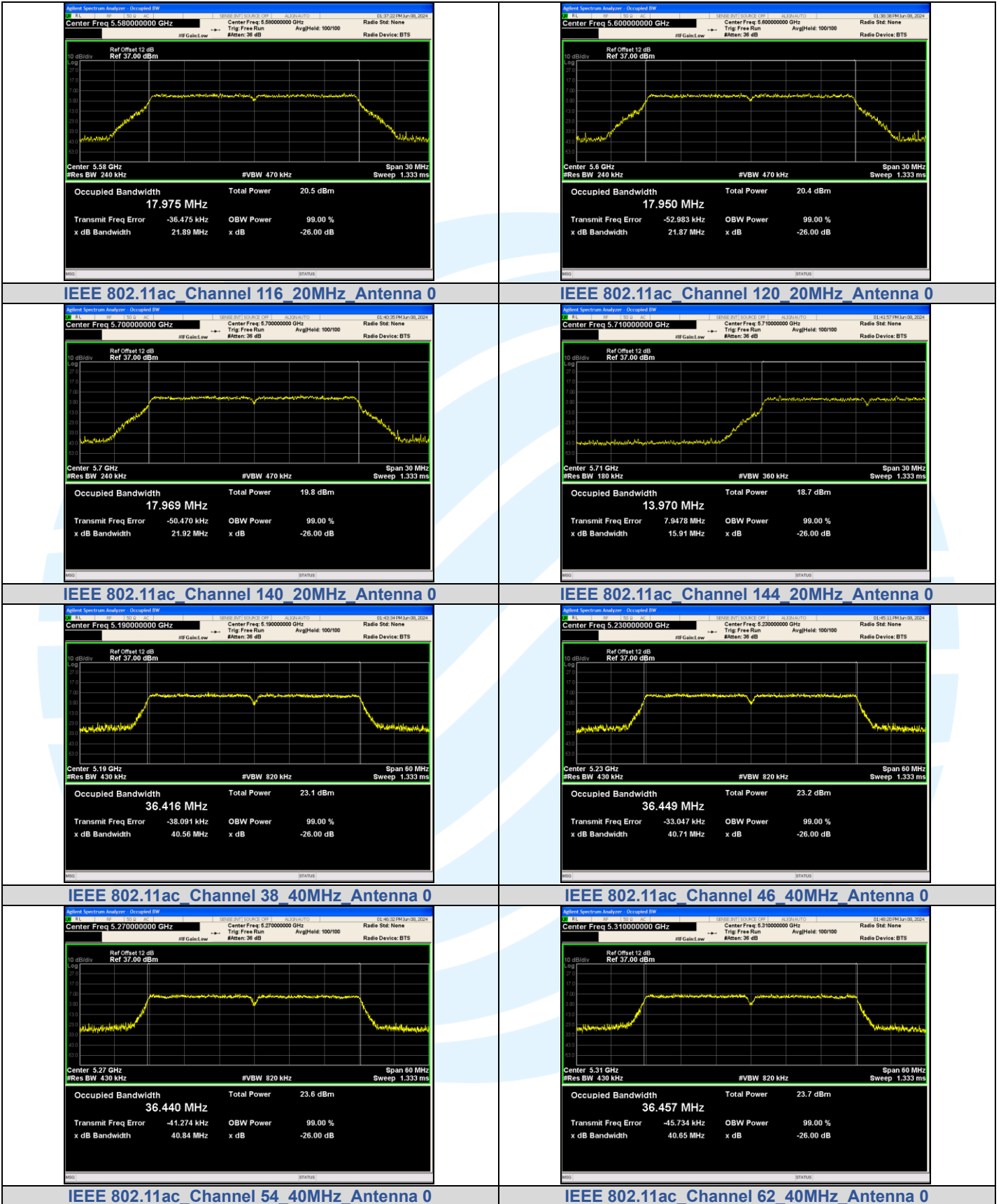
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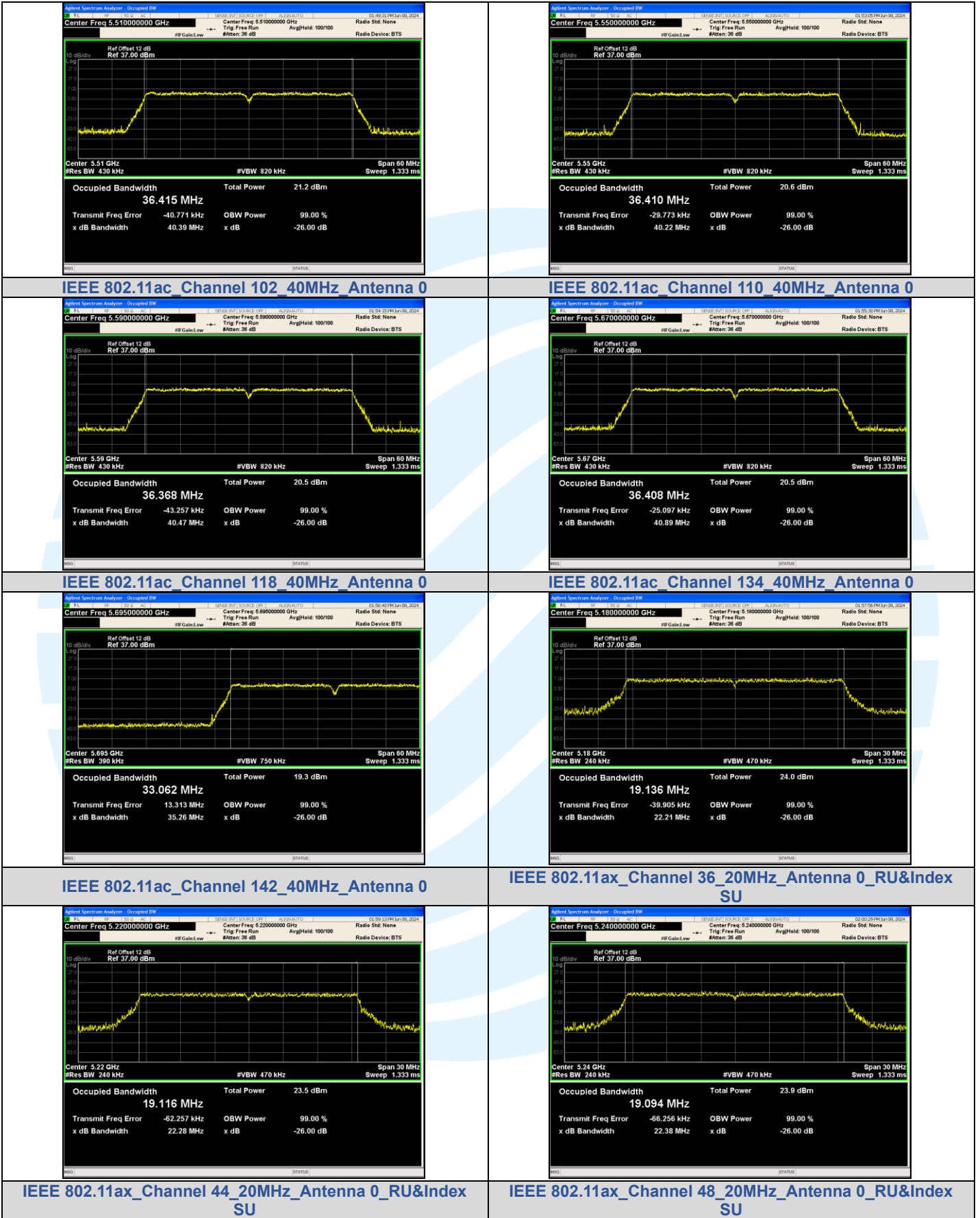
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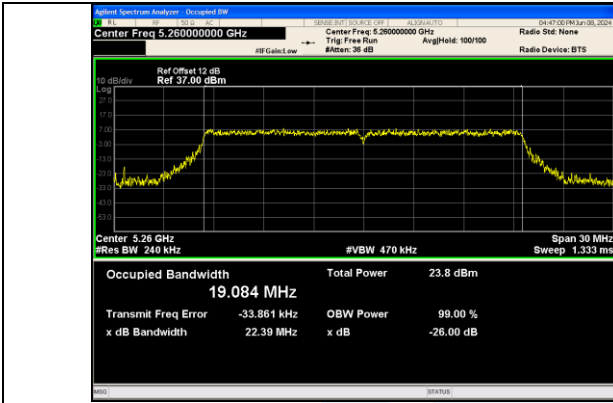
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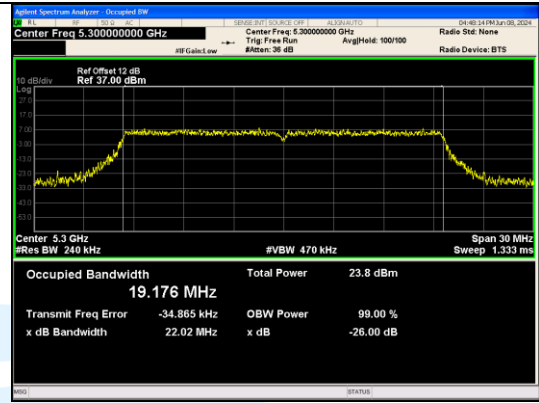
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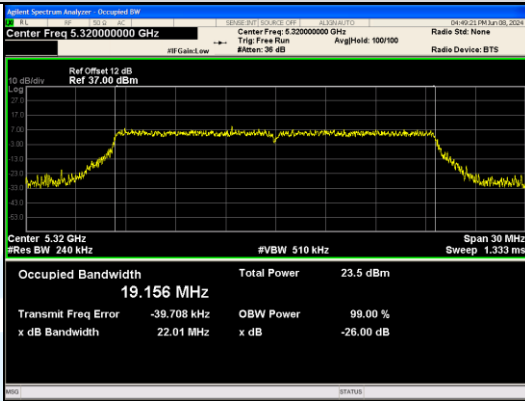




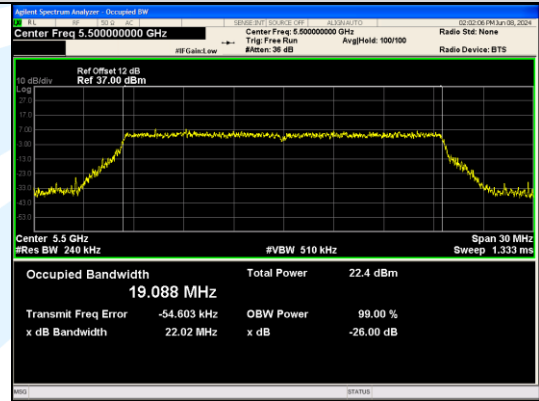
IEEE 802.11ax_Channel 52_20MHz_Antenna 0_RU&Index SU



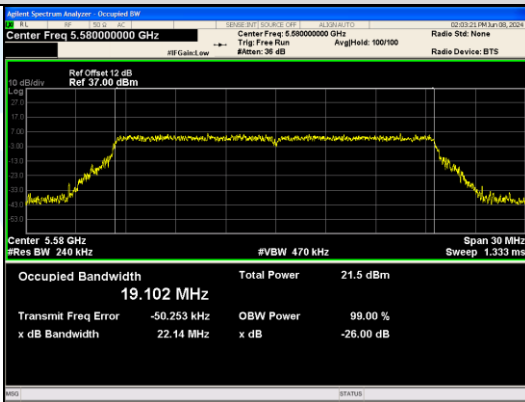
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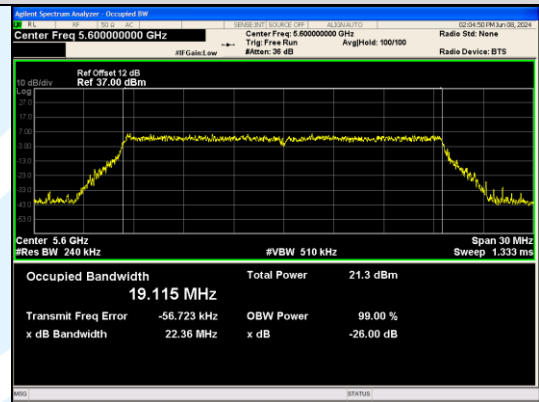
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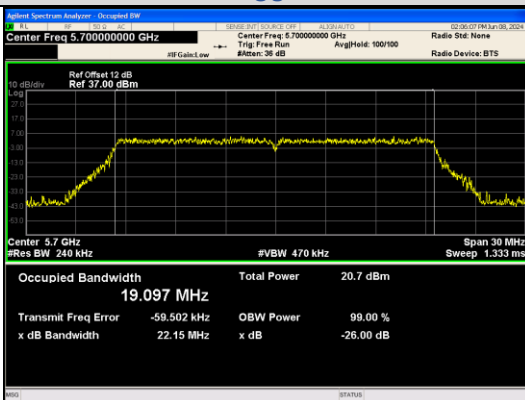
IEEE 802.11ax_Channel 100_20MHz_Antenna 0_RU&Index SU



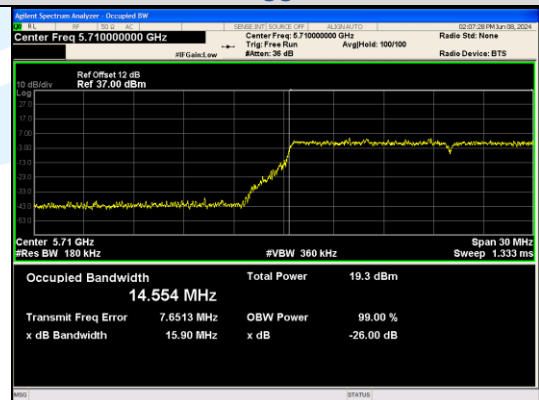
IEEE 802.11ax_Channel 116_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 120_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 140_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 144_20MHz_Antenna 0_RU&Index SU

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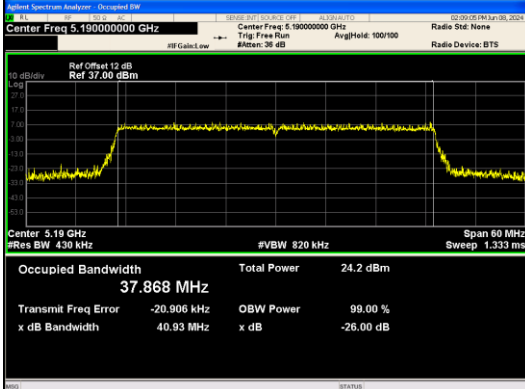
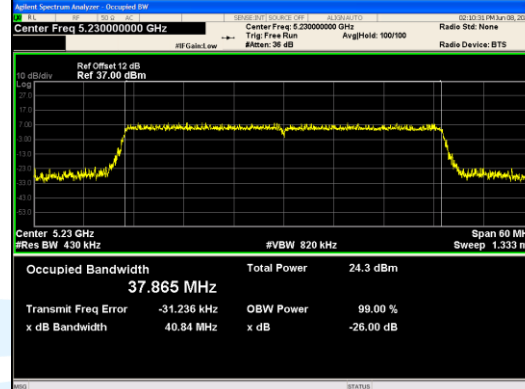
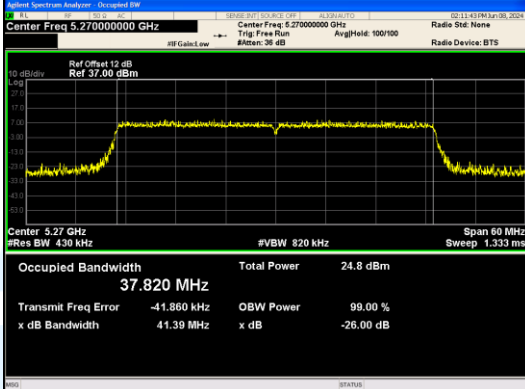
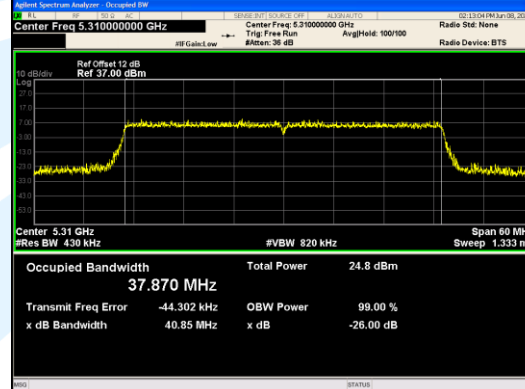
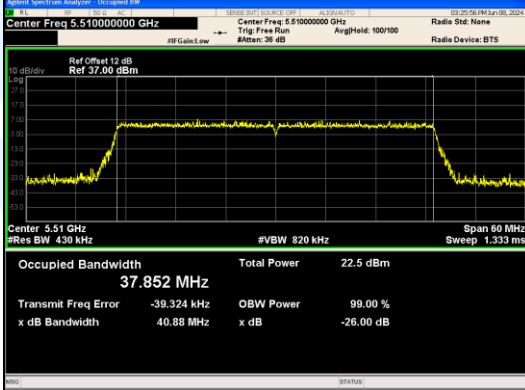
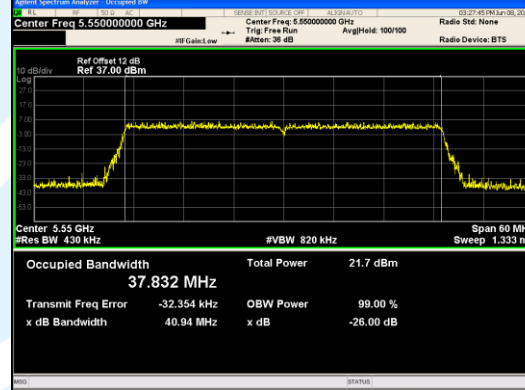
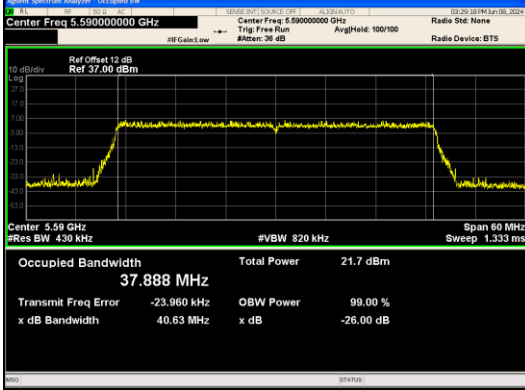
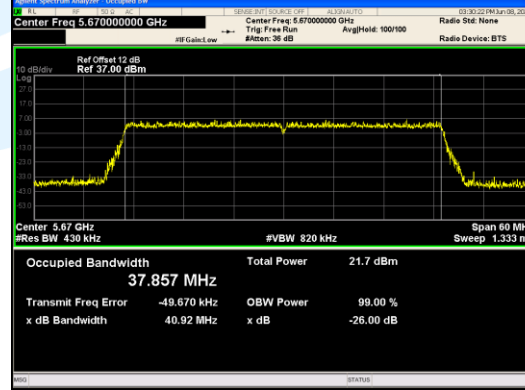
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 <p>Center Freq 5.190000000 GHz</p> <p>Center Freq: 5.190000000 GHz</p> <p>Occupied Bandwidth: 37.868 MHz</p> <p>Total Power: 24.2 dBm</p>	 <p>Center Freq 5.230000000 GHz</p> <p>Center Freq: 5.230000000 GHz</p> <p>Occupied Bandwidth: 37.865 MHz</p> <p>Total Power: 24.3 dBm</p>
<p>IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU</p>	<p>IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU</p>
 <p>Center Freq 5.270000000 GHz</p> <p>Center Freq: 5.270000000 GHz</p> <p>Occupied Bandwidth: 37.820 MHz</p> <p>Total Power: 24.8 dBm</p>	 <p>Center Freq 5.310000000 GHz</p> <p>Center Freq: 5.310000000 GHz</p> <p>Occupied Bandwidth: 37.870 MHz</p> <p>Total Power: 24.8 dBm</p>
<p>IEEE 802.11ax_Channel 54_40MHz_Antenna 0_RU&Index SU</p>	<p>IEEE 802.11ax_Channel 62_40MHz_Antenna 0_RU&Index SU</p>
 <p>Center Freq 5.510000000 GHz</p> <p>Center Freq: 5.510000000 GHz</p> <p>Occupied Bandwidth: 37.852 MHz</p> <p>Total Power: 22.5 dBm</p>	 <p>Center Freq 5.550000000 GHz</p> <p>Center Freq: 5.550000000 GHz</p> <p>Occupied Bandwidth: 37.832 MHz</p> <p>Total Power: 21.7 dBm</p>
<p>IEEE 802.11ax_Channel 102_40MHz_Antenna 0_RU&Index SU</p>	<p>IEEE 802.11ax_Channel 110_40MHz_Antenna 0_RU&Index SU</p>
 <p>Center Freq 5.590000000 GHz</p> <p>Center Freq: 5.590000000 GHz</p> <p>Occupied Bandwidth: 37.888 MHz</p> <p>Total Power: 21.7 dBm</p>	 <p>Center Freq 5.670000000 GHz</p> <p>Center Freq: 5.670000000 GHz</p> <p>Occupied Bandwidth: 37.857 MHz</p> <p>Total Power: 21.7 dBm</p>
<p>IEEE 802.11ax_Channel 118_40MHz_Antenna 0_RU&Index SU</p>	<p>IEEE 802.11ax_Channel 134_40MHz_Antenna 0_RU&Index SU</p>

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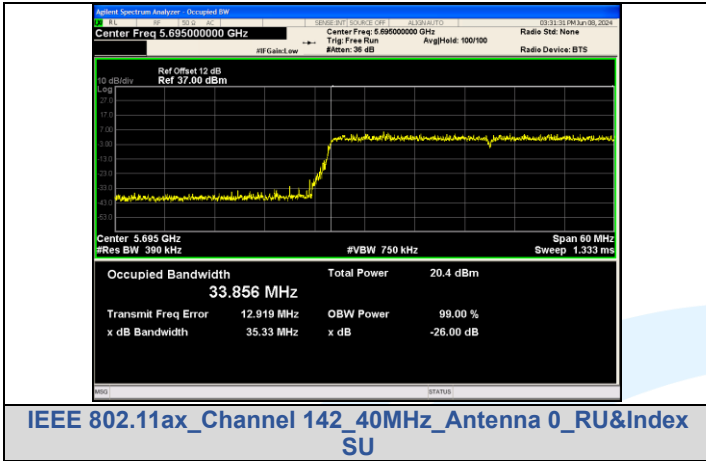
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A.3 PEAK POWER SPECTRAL DENSITY

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

Mode	Channel	RU & Index	Meas PSD (dBm/MHz)	Corr'd PSD (dBm/MHz)	EIRP PSD (dBm/MHz or dBm/0.5MHz)	FCC Limit (dBm/MHz)	Result
IEEE 802.11a	36	N/A	5.925	6.038	9.038	10	PASS
	44		5.252	5.365	8.365	10	PASS
	48		5.688	5.801	8.801	10	PASS
	52		6.779	6.892	9.892	10	PASS
	60		6.661	6.774	9.774	10	PASS
	64		6.259	6.372	9.372	10	PASS
	100		5.344	5.457	-	11	PASS
	116		4.333	4.446	-	11	PASS
	140		3.685	3.798	-	11	PASS
	144		3.529	3.642	-	11	PASS
IEEE 802.11n_20	36	N/A	6.775	6.891	9.891	10	PASS
	44		6.095	6.211	9.211	10	PASS
	48		6.475	6.591	9.591	10	PASS
	52		6.616	6.732	9.732	10	PASS
	60		6.493	6.609	9.609	10	PASS
	64		6.437	6.553	9.553	10	PASS
	100		4.909	5.025	-	11	PASS
	116		4.167	4.283	-	11	PASS
	140		3.484	3.6	-	11	PASS
	144		3.450	3.566	-	11	PASS
IEEE 802.11n_40	38	N/A	2.704	2.914	5.914	10	PASS
	46		2.536	2.746	5.746	10	PASS
	54		3.455	3.665	6.665	10	PASS
	62		3.149	3.359	6.359	10	PASS
	102		0.749	0.959	-	11	PASS
	110		0.167	0.377	-	11	PASS
	134		0.048	0.258	-	11	PASS
	142		-0.957	-0.747	-	11	PASS
IEEE 802.11ac_20	36	N/A	6.668	6.776	9.776	10	PASS
	44		6.237	6.345	9.345	10	PASS
	48		6.575	6.683	9.683	10	PASS
	52		6.565	6.673	9.673	10	PASS
	60		6.735	6.843	9.843	10	PASS
	64		6.147	6.255	9.255	10	PASS
	100		5.009	5.117	-	11	PASS
	116		4.428	4.536	-	11	PASS
	140		3.406	3.514	-	11	PASS
	144		3.325	3.433	-	11	PASS
IEEE 802.11ac_40	38	N/A	3.842	3.964	6.964	10	PASS
	46		3.882	4.004	7.004	10	PASS
	54		4.134	4.256	7.256	10	PASS
	62		4.508	4.63	7.63	10	PASS
	102		1.946	2.068	-	11	PASS
	110		0.893	1.015	-	11	PASS
	134		0.976	1.098	-	11	PASS
	142		0.076	0.198	-	11	PASS
IEEE 802.11ax_20	36	SU	6.648	6.783	9.783	10	PASS
	44		6.455	6.59	9.59	10	PASS
	48		6.375	6.51	9.51	10	PASS
	52		6.320	6.455	9.455	10	PASS
	60		6.276	6.411	9.411	10	PASS
	64		5.978	6.113	9.113	10	PASS
	100		4.913	5.048	-	11	PASS
	116		4.217	4.352	-	11	PASS

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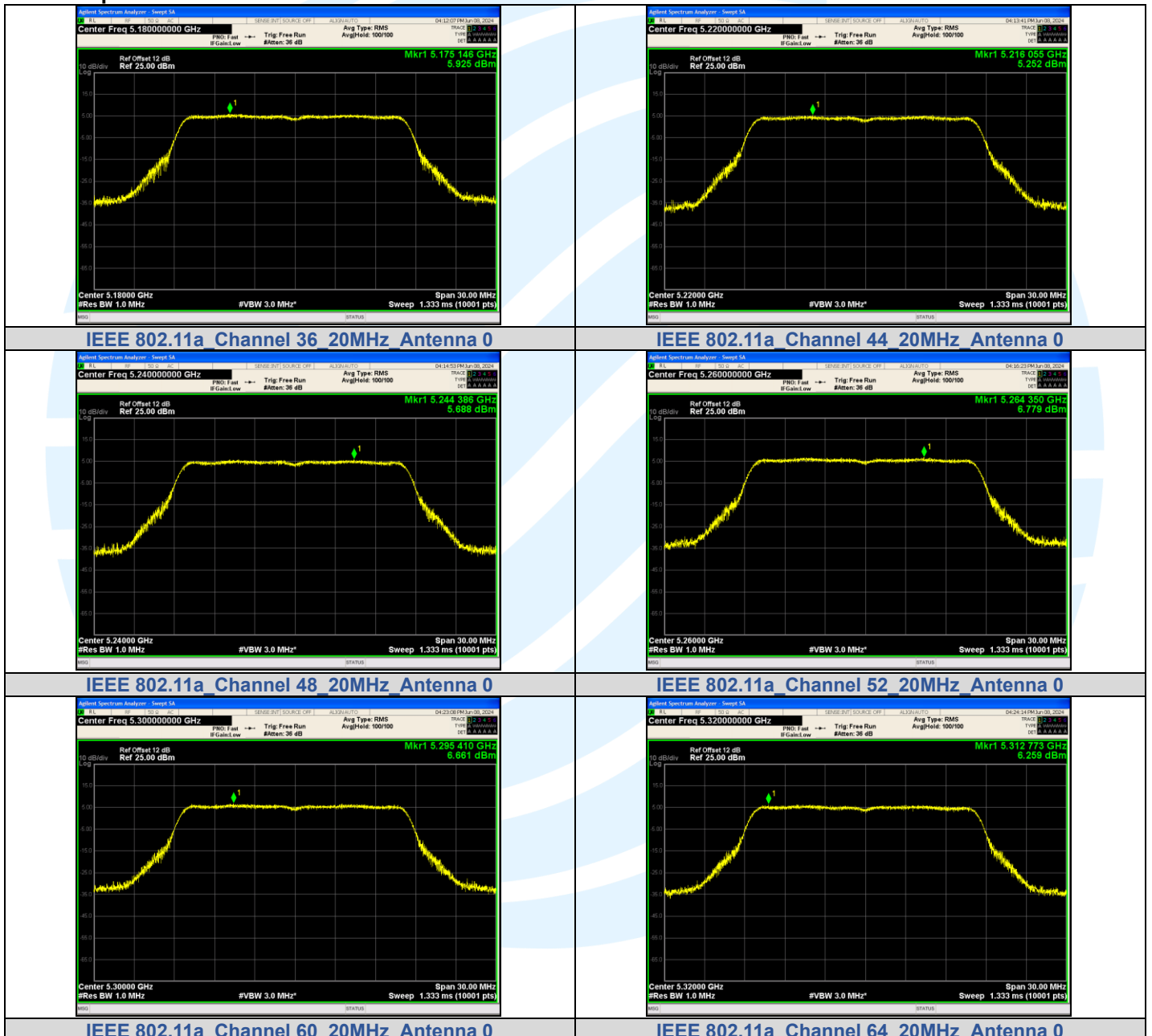
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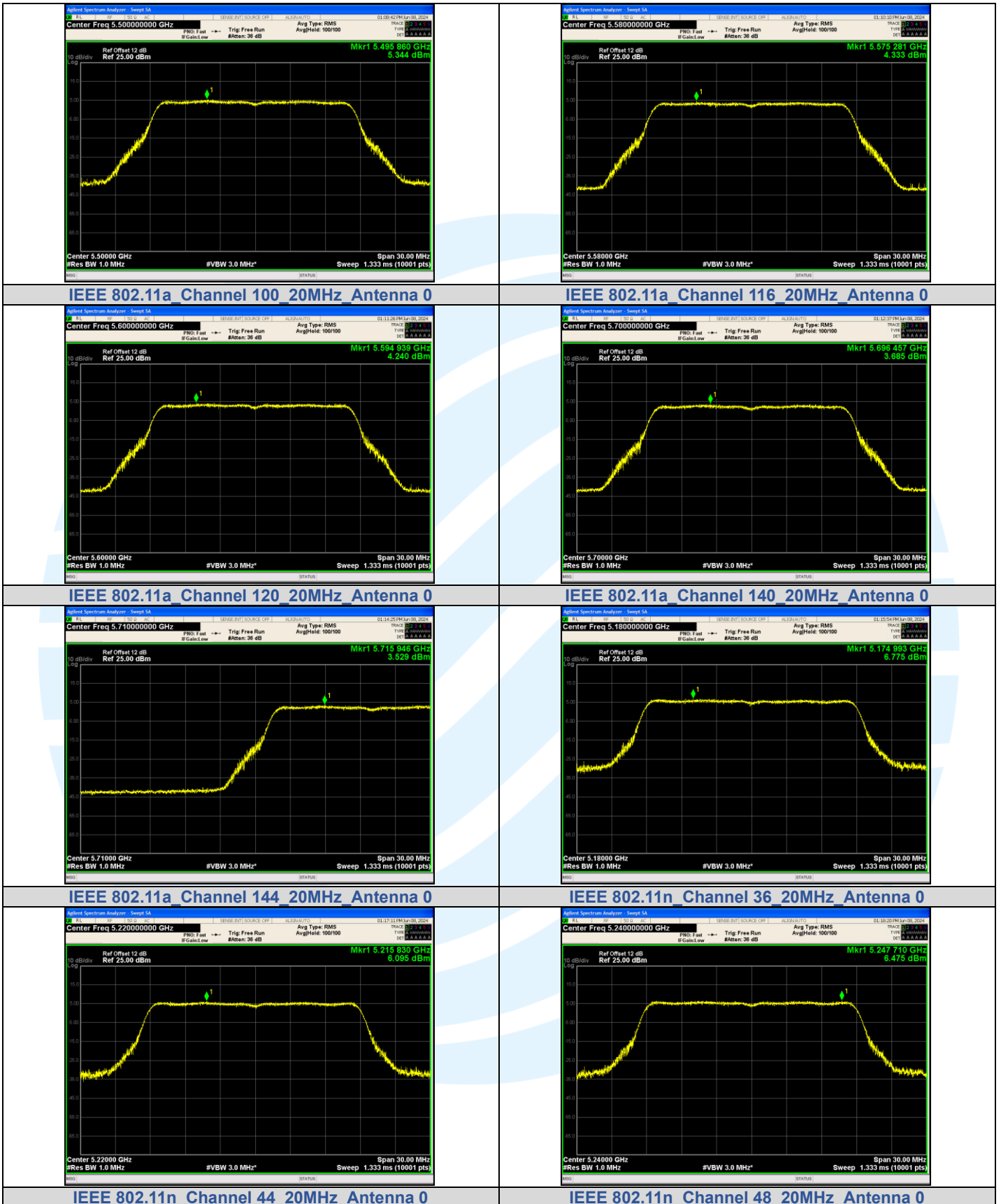
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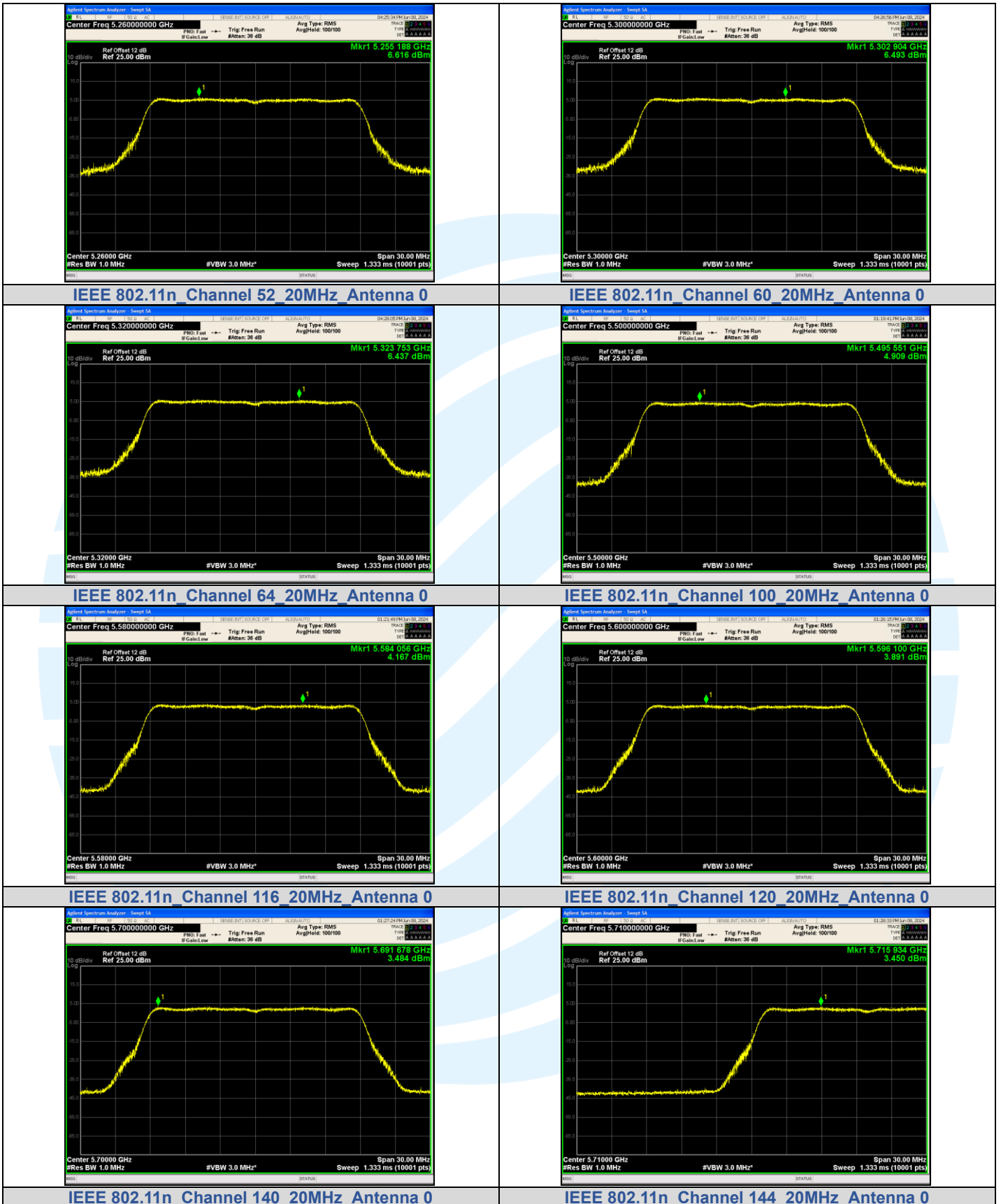
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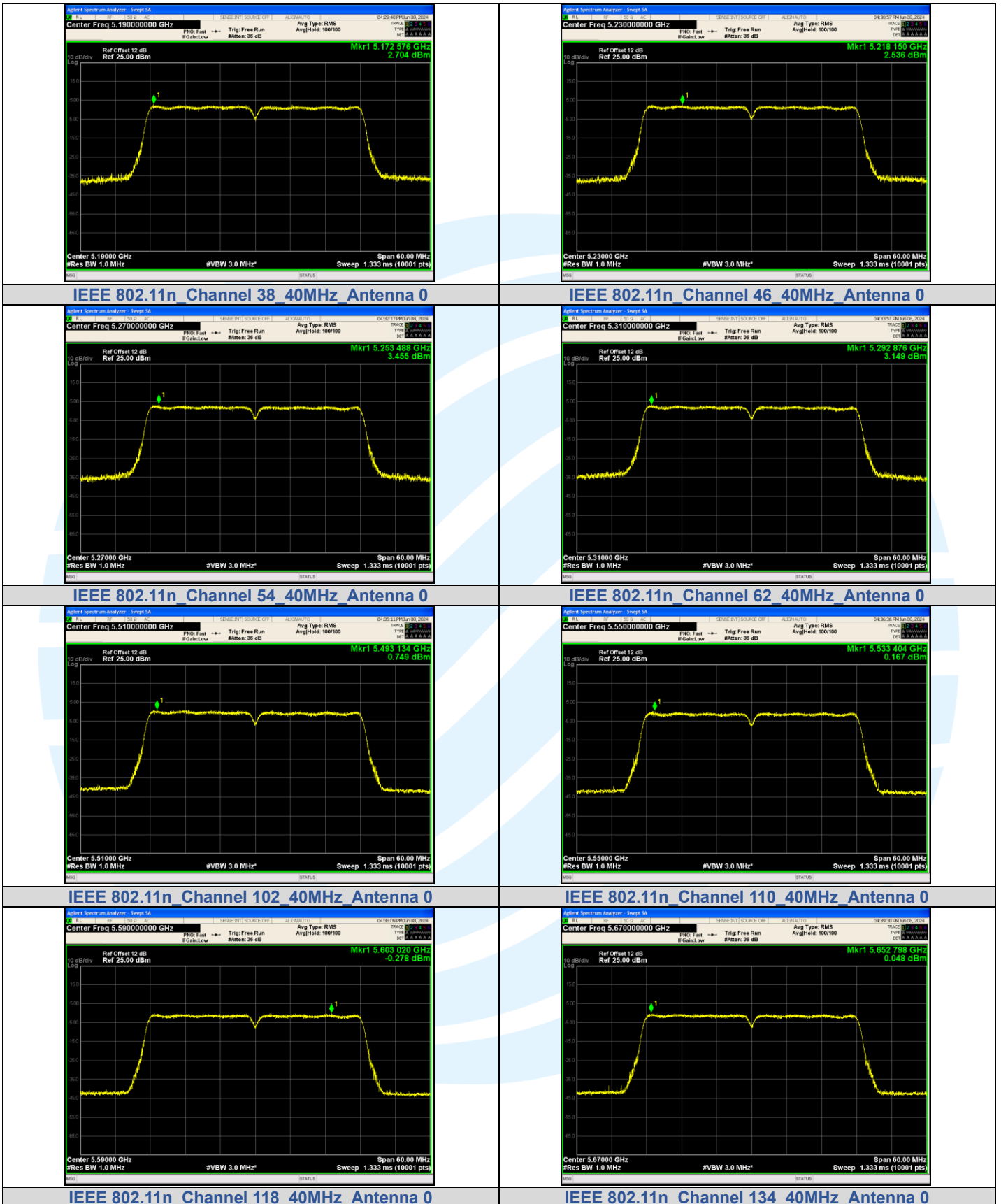
IEEE 802.11ax_40	140	3.077	3.212	-	11	PASS
	144	3.346	3.481	-	11	PASS
	38	3.497	3.634	6.634	10	PASS
	46	3.291	3.428	6.428	10	PASS
	54	4.068	4.205	7.205	10	PASS
	62	4.125	4.262	7.262	10	PASS
	102	1.899	2.036	-	11	PASS
	110	0.974	1.111	-	11	PASS
	134	1.029	1.166	-	11	PASS
	142	0.319	0.456	-	11	PASS

Test Graphs









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