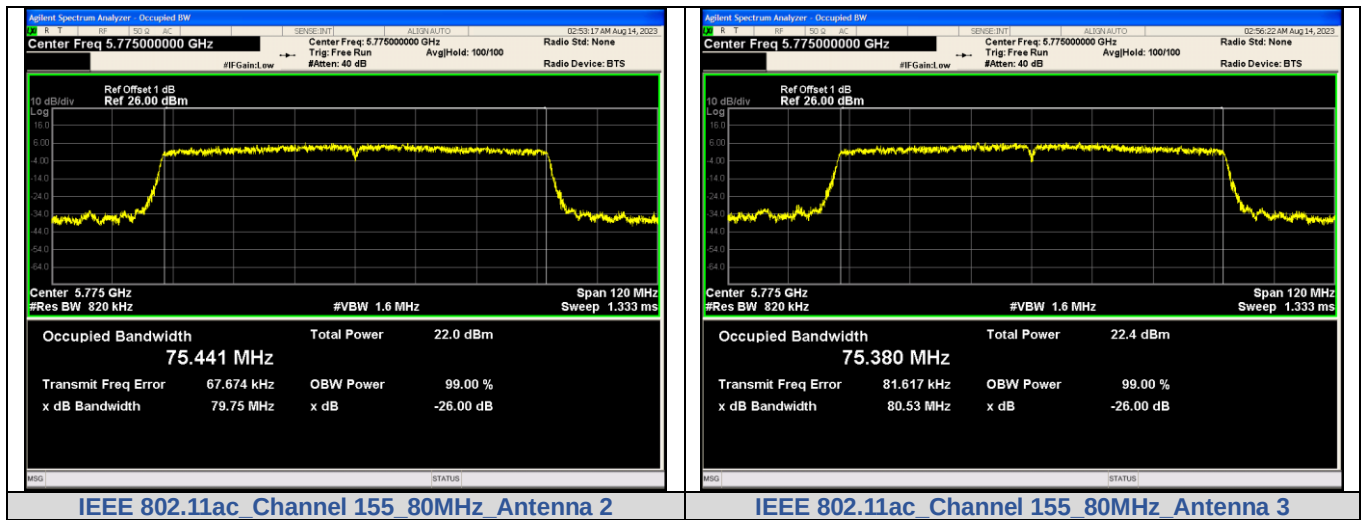






Appendix A2: Occupied channel bandwidth

Test Result

Mode	Channel	Ant.	99% BW (MHz)
IEEE 802.11a	36	0	16.637
		1	16.582
		2	16.540
		3	16.500
	40	0	16.628
		1	16.573
		2	16.481
		3	16.532
	48	0	16.577
		1	16.588
		2	16.556
		3	16.510
	52	0	16.613
		1	16.600
		2	16.586
		3	16.530
	56	0	16.571
		1	16.584
		2	16.569
		3	16.511
	64	0	16.576
		1	16.581
		2	16.561
		3	16.515
	100	0	16.595
		1	16.603
		2	16.562
		3	16.526
	116	0	16.572
		1	16.579
		2	16.529
		3	16.490
	140	0	16.601
		1	16.549
		2	16.501
		3	16.507
IEEE 802.11n_20	36	0	17.633
		1	17.776
		2	17.645
		3	17.600
	40	0	17.629
		1	17.720
		2	17.635
		3	17.631
	48	0	17.634
		1	17.753
		2	17.604
		3	17.630
	52	0	17.647
		1	17.741
		2	17.665
		3	17.611
	56	0	17.602
		1	17.752
		2	17.653
		3	17.620
	64	0	17.618
		1	17.763

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	100	2	17.663
		3	17.643
		0	17.650
		1	17.741
		2	17.654
		3	17.605
	116	0	17.628
		1	17.744
		2	17.636
		3	17.587
	140	0	17.679
		1	17.722
		2	17.644
		3	17.623
IEEE 802.11n_40	38	0	35.993
		1	36.157
		2	36.111
		3	36.040
	46	0	36.197
		1	36.242
		2	35.975
		3	36.062
	54	0	36.019
		1	36.194
		2	35.965
		3	36.009
	62	0	35.964
		1	36.185
		2	35.981
		3	36.026
	102	0	36.010
		1	36.201
		2	36.090
		3	36.102
	110	0	36.070
		1	36.170
		2	36.052
		3	36.022
	134	0	35.968
		1	36.198
		2	35.963
		3	36.065
IEEE 802.11ac_20	36	0	17.633
		1	17.632
		2	17.639
		3	17.620
	40	0	17.635
		1	17.652
		2	17.616
		3	17.646
	48	0	17.652
		1	17.623
		2	17.660
		3	17.612
	52	0	17.658
		1	17.713
		2	17.604
		3	17.602
	56	0	17.660
		1	17.666
		2	17.638
		3	17.610
	64	0	17.614
		1	17.651
		2	17.660
		3	17.629

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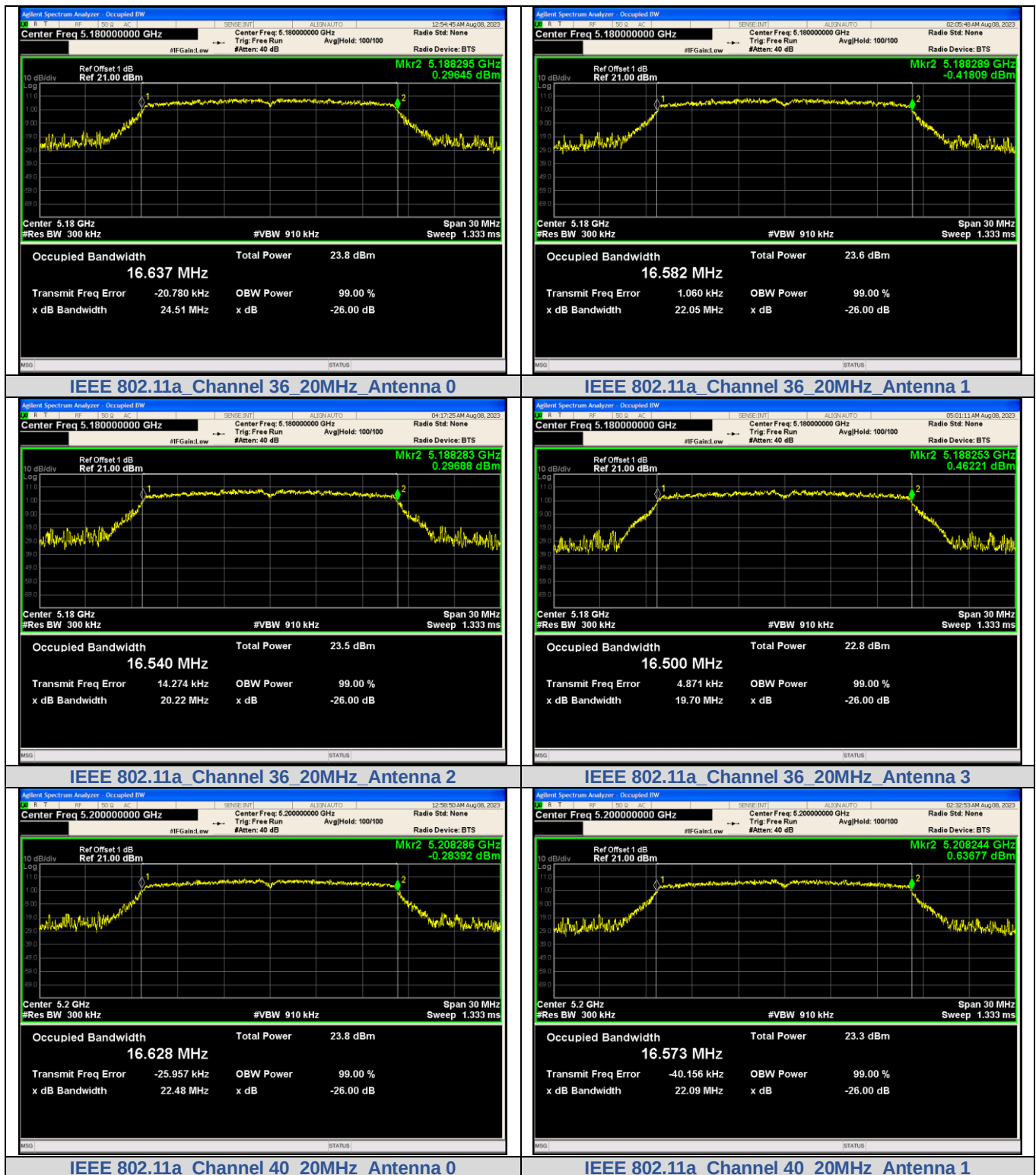
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		1	17.653
		2	17.677
		3	17.605
	116	0	17.612
		1	17.678
		2	17.638
		3	17.627
	140	0	17.645
		1	17.623
		2	17.643
		3	17.610
IEEE 802.11ac_40	38	0	35.968
		1	36.156
		2	35.947
		3	35.906
	46	0	36.006
		1	36.133
		2	36.024
		3	35.930
	54	0	35.961
		1	36.112
		2	35.938
		3	36.019
	62	0	35.937
		1	36.131
		2	36.027
		3	35.924
	102	0	35.931
		1	36.140
		2	36.002
		3	35.926
	110	0	35.988
		1	36.132
		2	35.972
		3	35.947
	134	0	35.949
		1	36.153
		2	35.973
		3	35.908
IEEE 802.11ac_80	42	0	75.520
		1	75.631
		2	75.463
		3	75.442
	58	0	75.526
		1	75.568
		2	75.516
		3	75.545
	106	0	75.499
		1	75.597
		2	75.480
		3	75.556
	122	0	75.519
		1	75.697
		2	75.462
		3	75.519



Mode	Channel	Ant.	99% BW (MHz)
IEEE 802.11a	149	0	16.584
		1	16.532
		2	16.517
		3	16.513
	157	0	16.572
		1	16.549
		2	16.544
		3	16.517
	165	0	16.594
		1	16.553
		2	16.491
		3	16.503
IEEE 802.11n_20	149	0	17.623
		1	17.720
		2	17.638
		3	17.618
	157	0	17.625
		1	17.765
		2	17.640
		3	17.618
	165	0	17.620
		1	17.754
		2	17.644
		3	17.627
IEEE 802.11n_40	151	0	36.027
		1	36.138
		2	36.052
		3	36.064
	159	0	36.101
		1	36.171
		2	36.036
		3	36.070
IEEE 802.11ac_20	149	0	17.699
		1	17.671
		2	17.657
		3	17.627
	157	0	17.696
		1	17.655
		2	17.615
		3	17.649
	165	0	17.688
		1	17.643
		2	17.606
		3	17.640
IEEE 802.11ac_40	151	0	36.013
		1	36.211
		2	36.053
		3	35.995
	159	0	36.055
		1	36.210
		2	36.015
		3	35.945
IEEE 802.11ac_80	155	0	75.535
		1	75.640
		2	75.429
		3	75.464



Test Graphs



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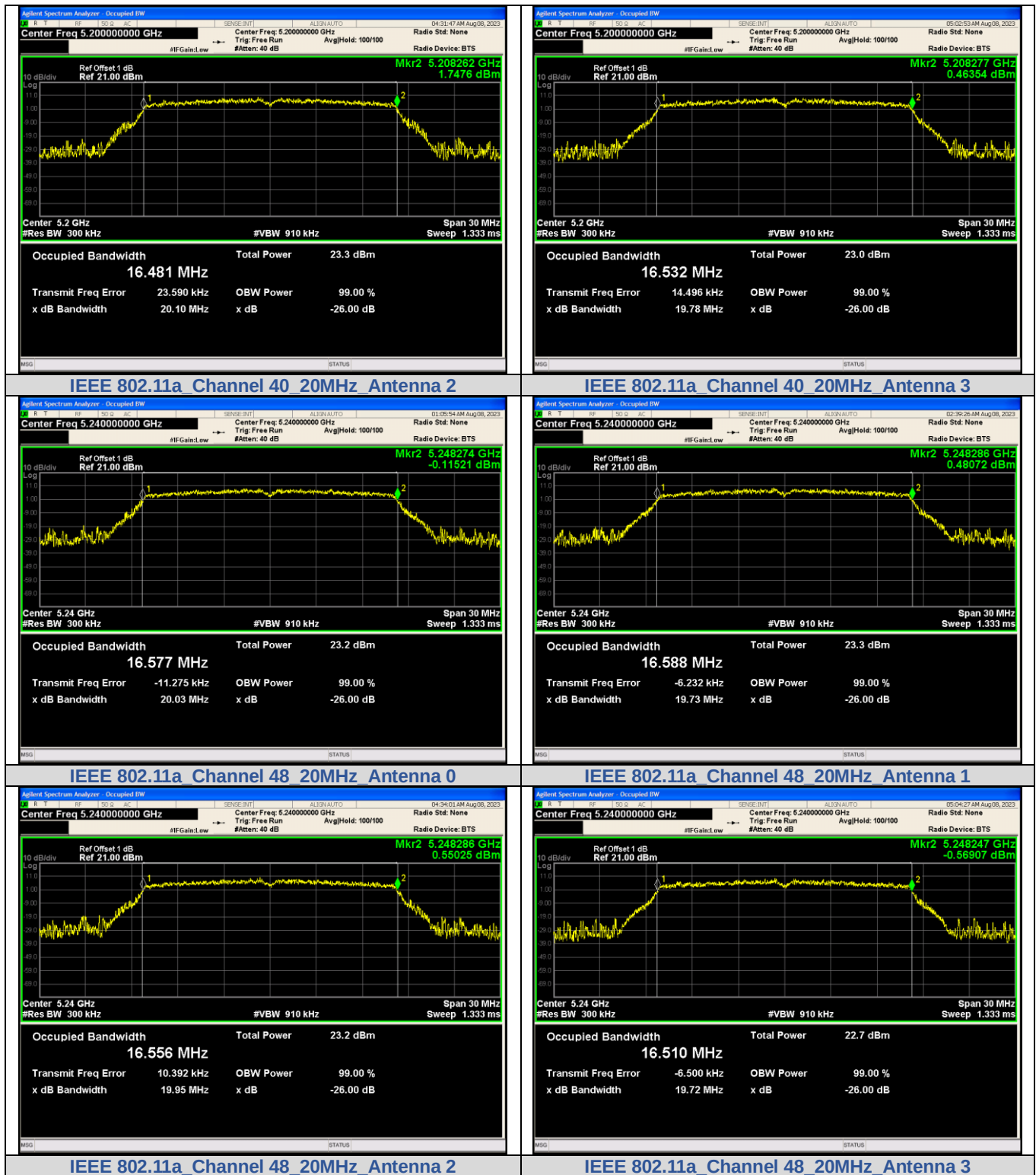
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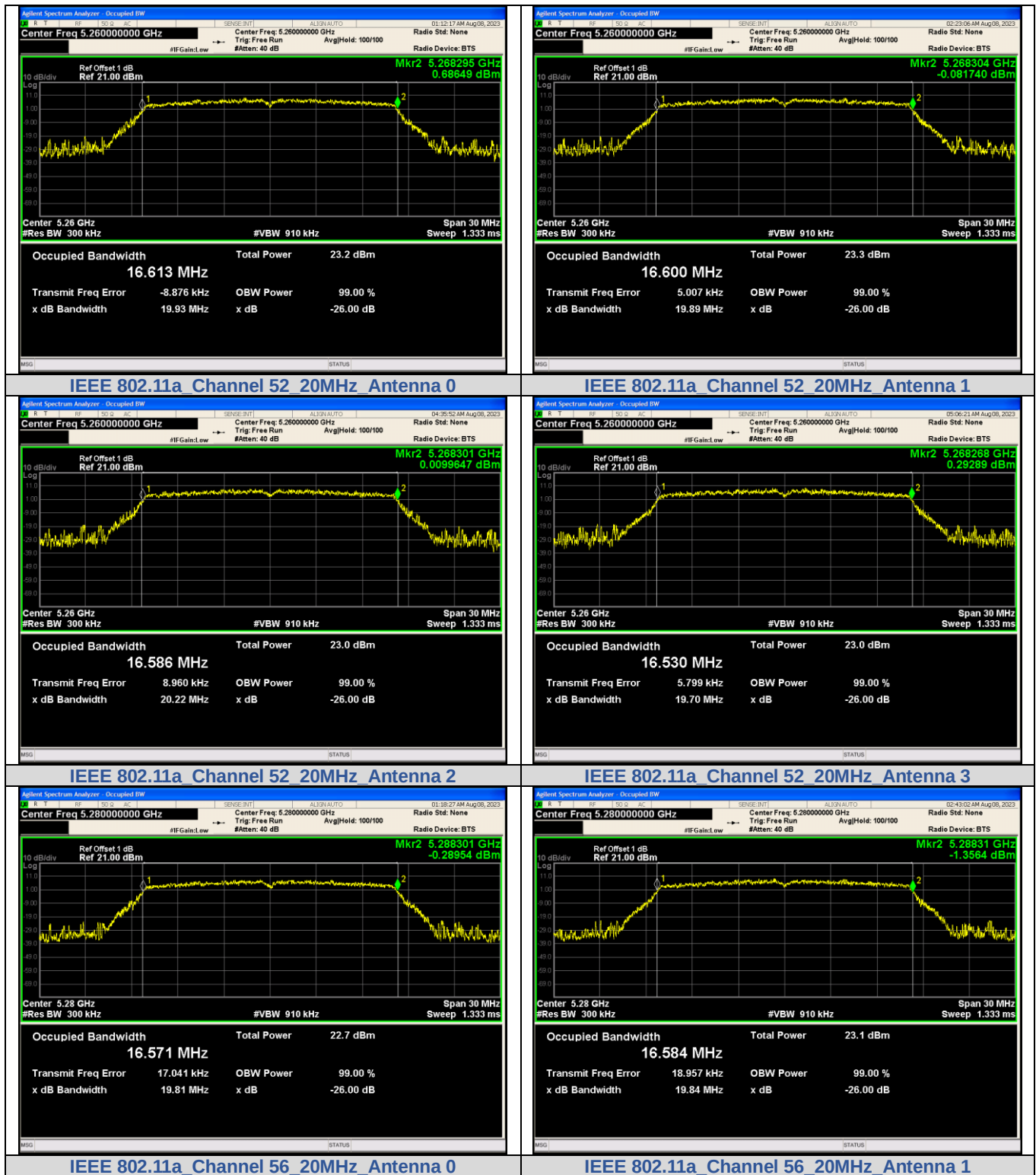
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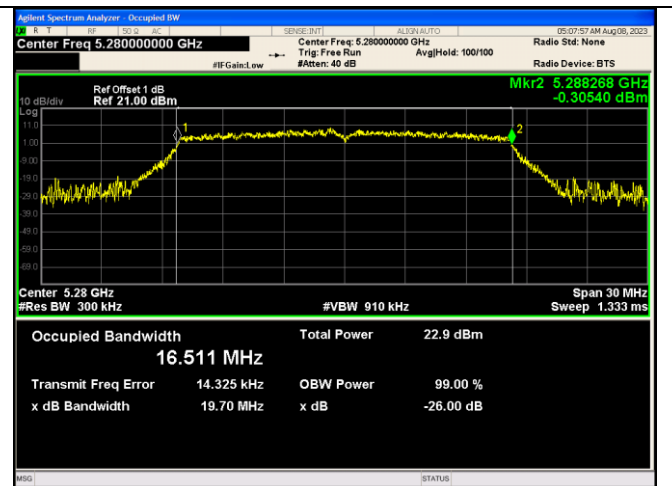
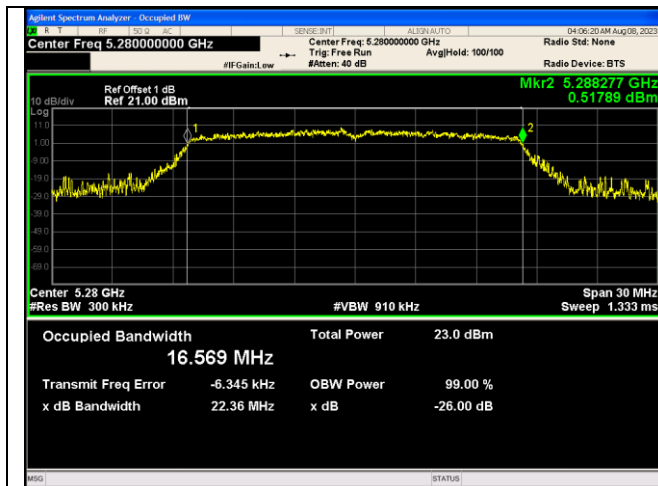
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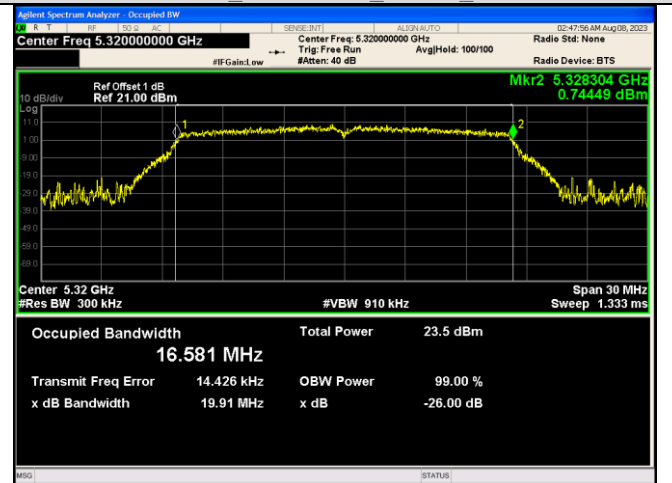
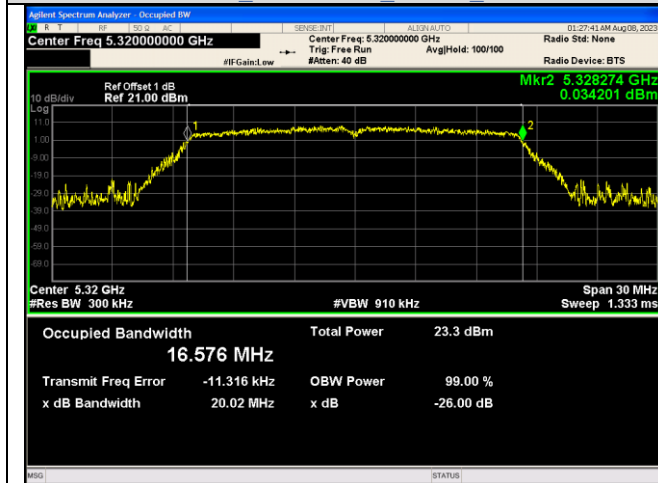






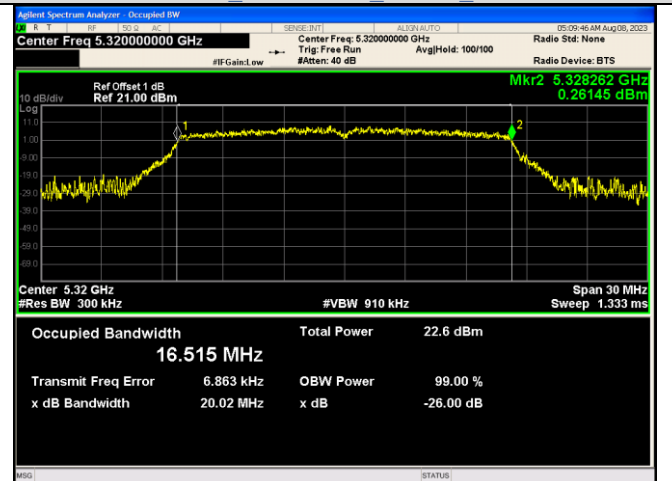
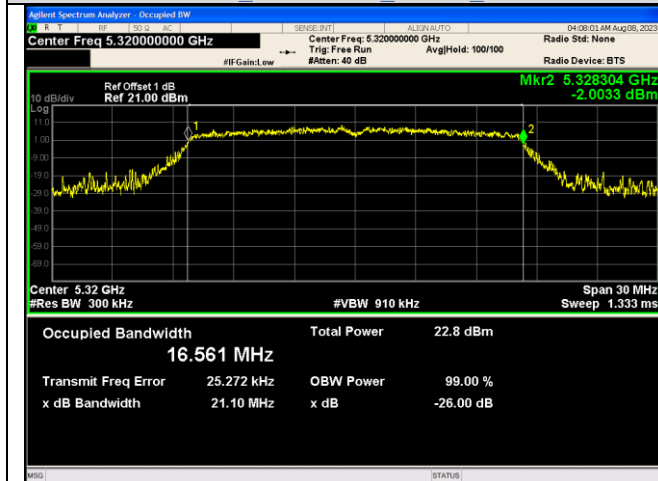
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IEEE 802.11a Channel 56 20MHz Antenna 3



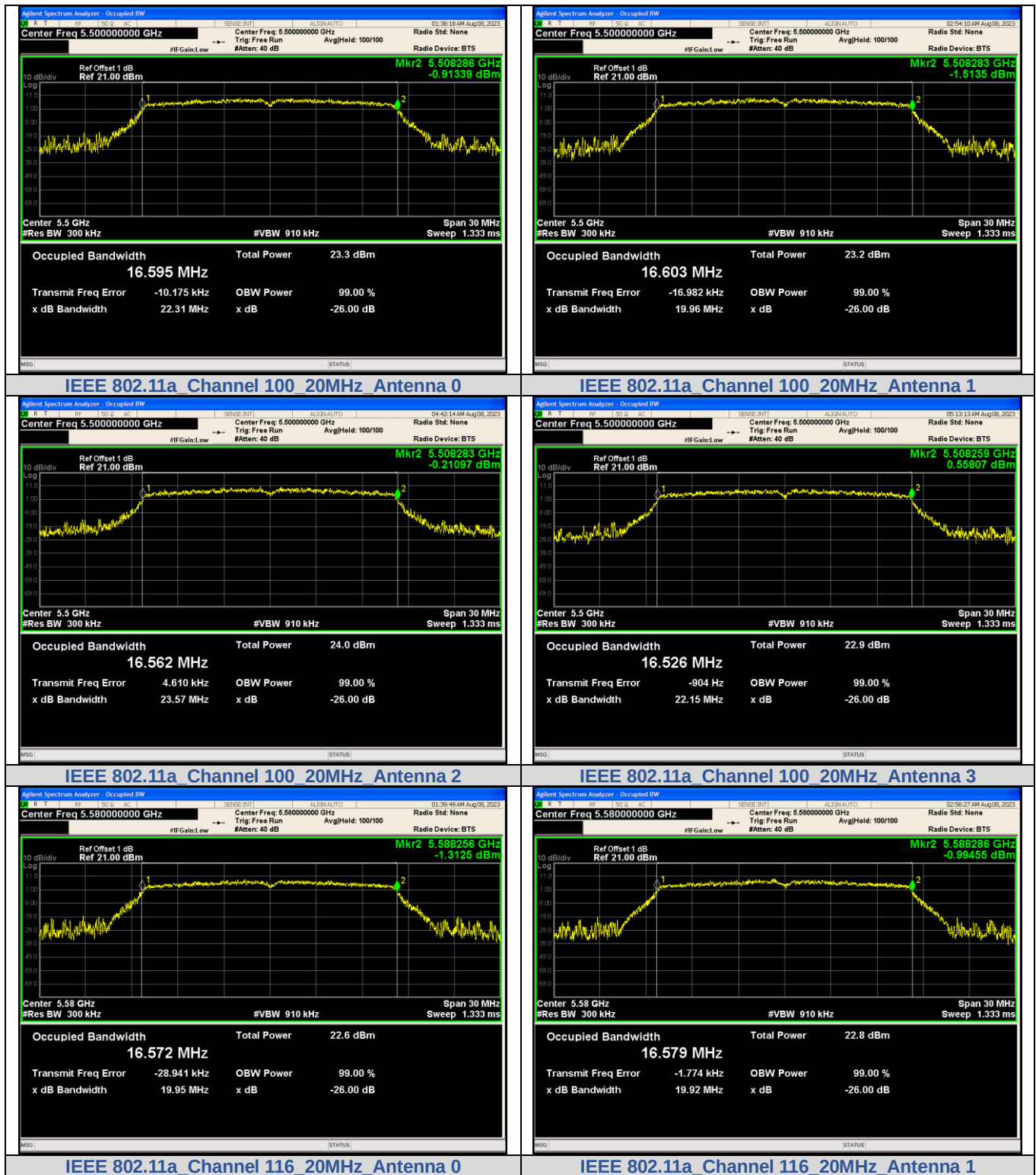
IEEE 802.11a Channel 64 20MHz Antenna 0

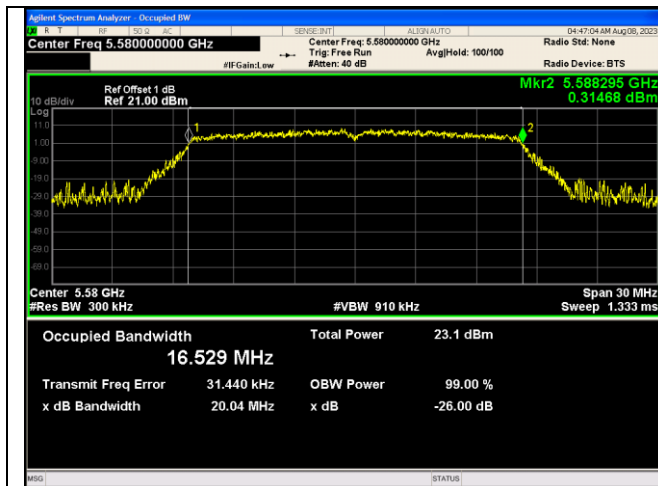
IEEE 802.11a Channel 64 20MHz Antenna 1



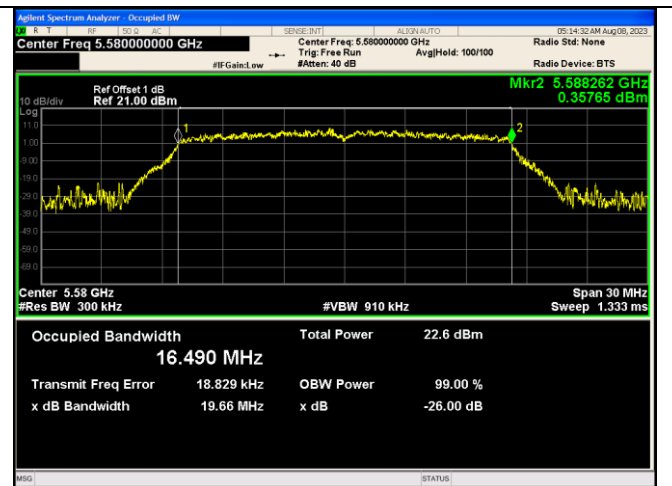
IEEE 802.11a Channel 64 20MHz Antenna 2

IEEE 802.11a Channel 64 20MHz Antenna 3

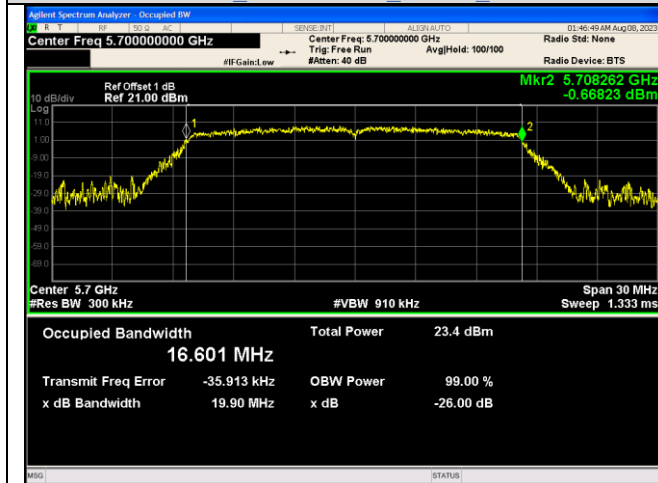




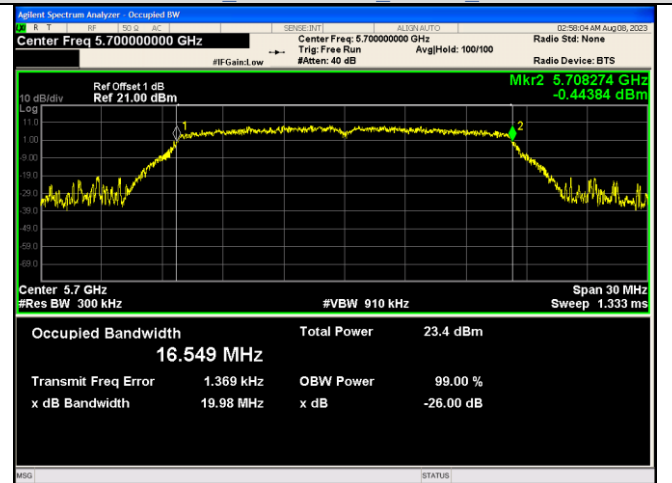
IEEE 802.11a Channel 116 20MHz Antenna 2



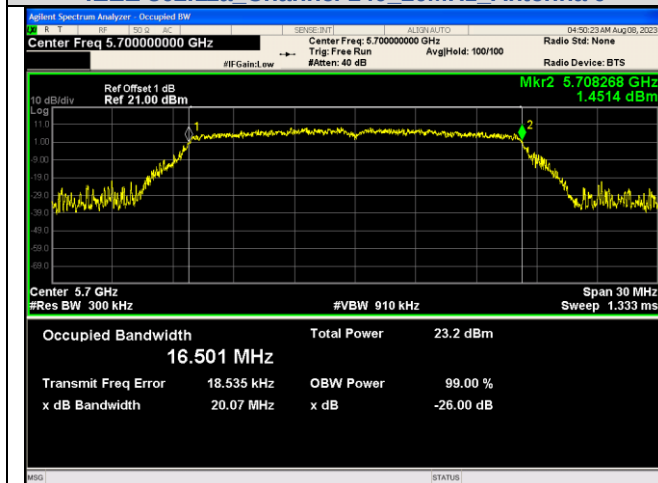
IEEE 802.11a Channel 116 20MHz Antenna 3



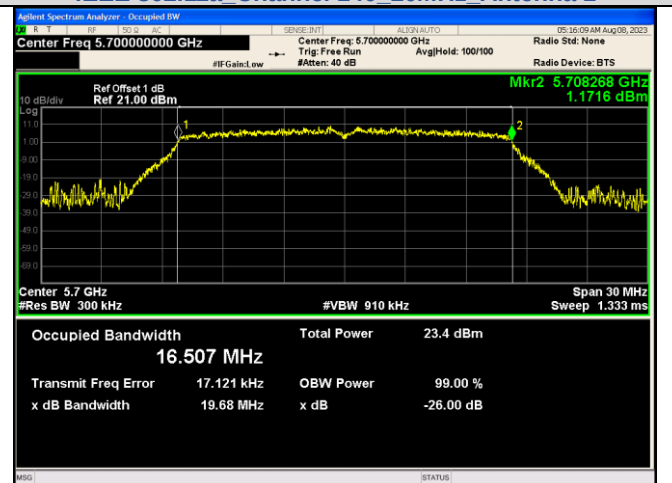
IEEE 802.11a Channel 140 20MHz Antenna 0



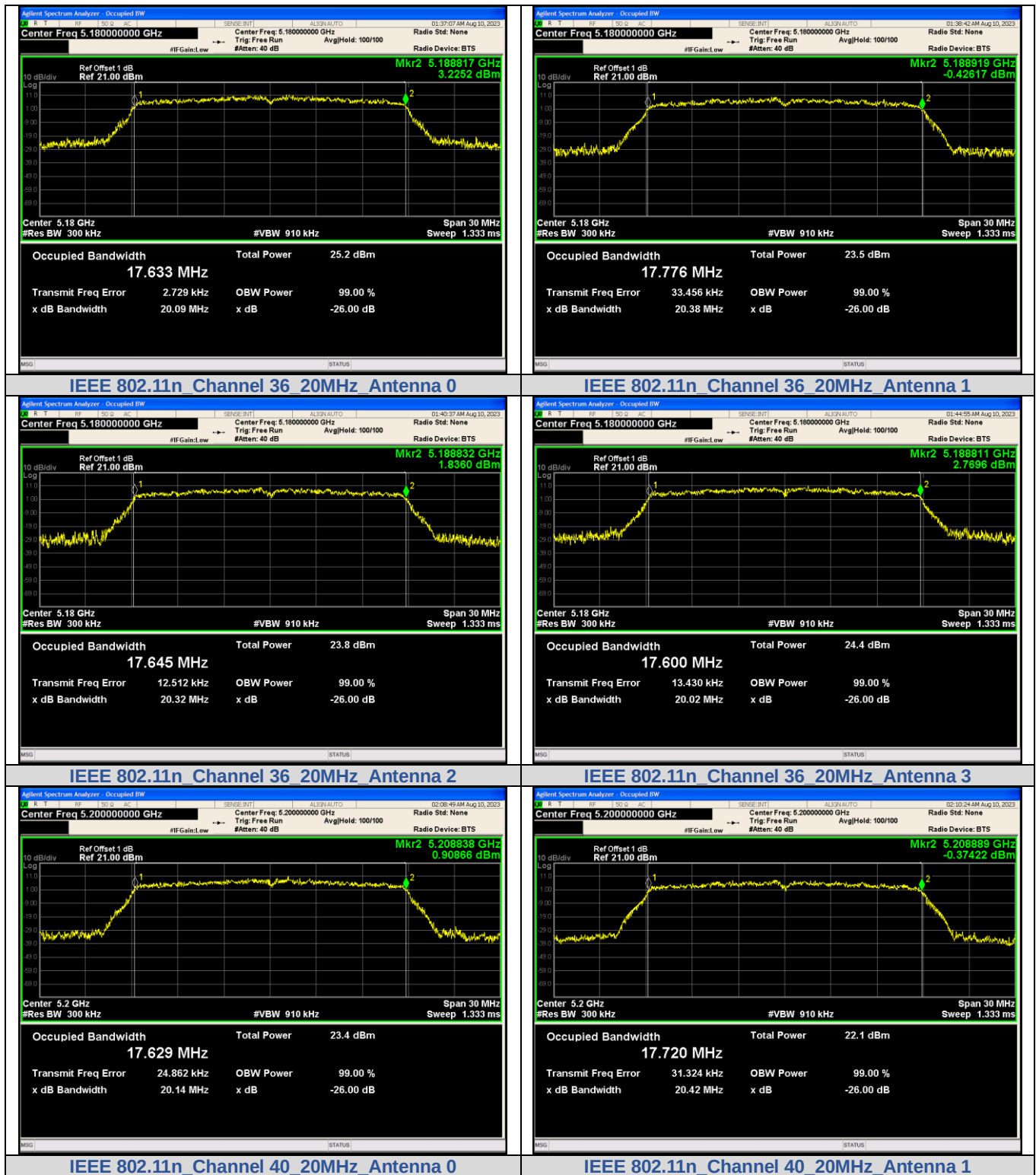
IEEE 802.11a Channel 140 20MHz Antenna 1



IEEE 802.11a Channel 140 20MHz Antenna 2



IEEE 802.11a Channel 140 20MHz Antenna 3



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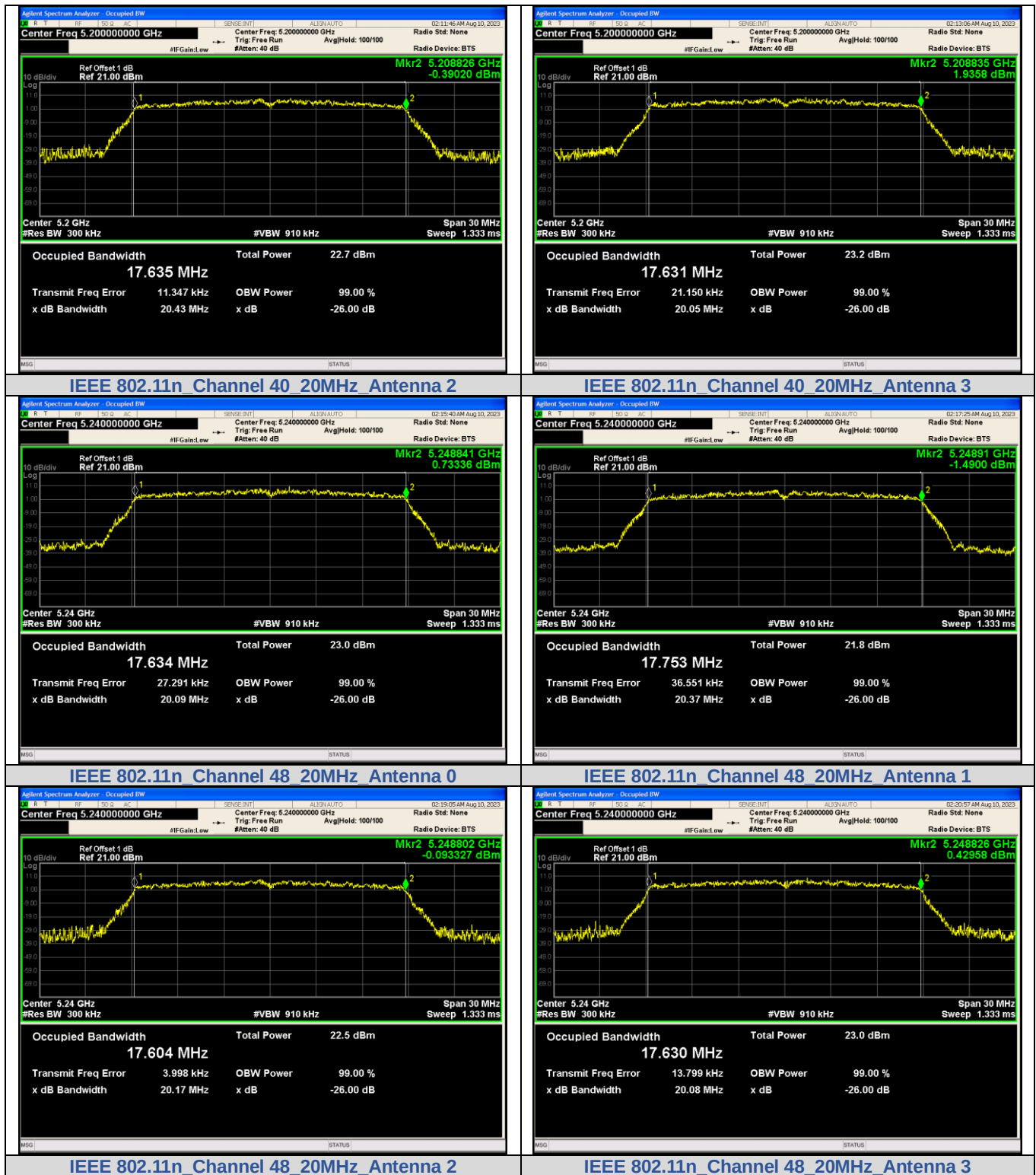
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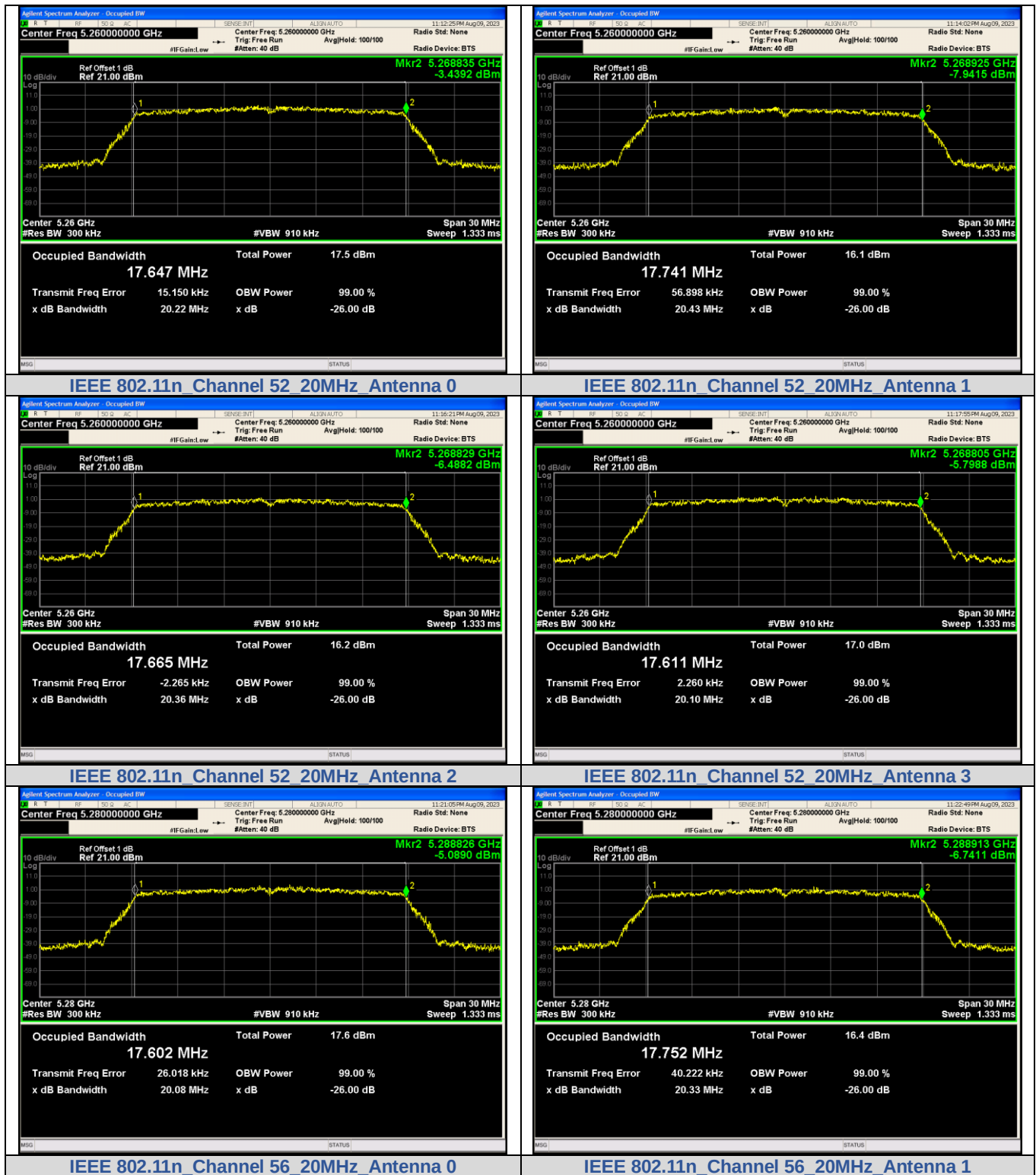
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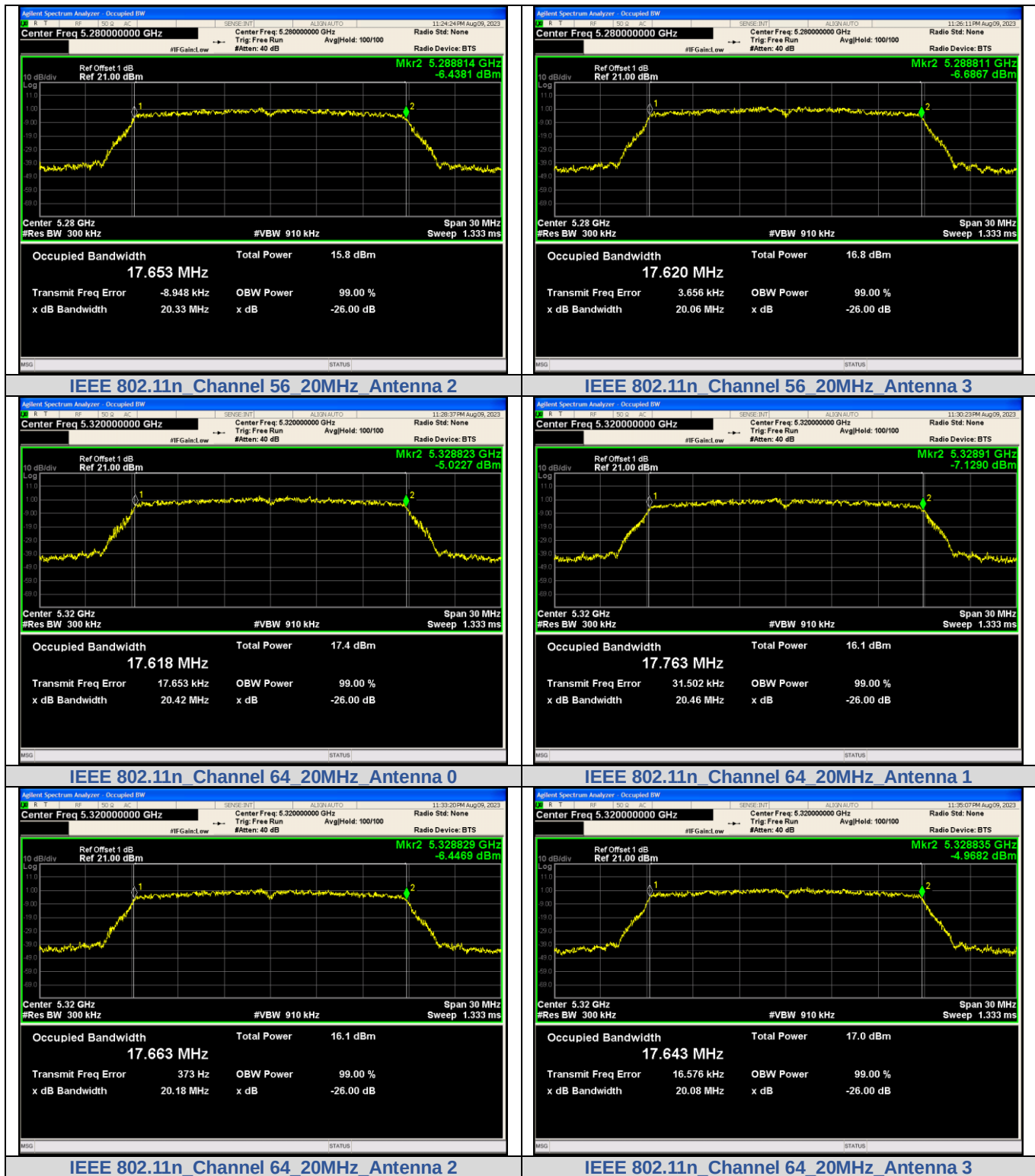
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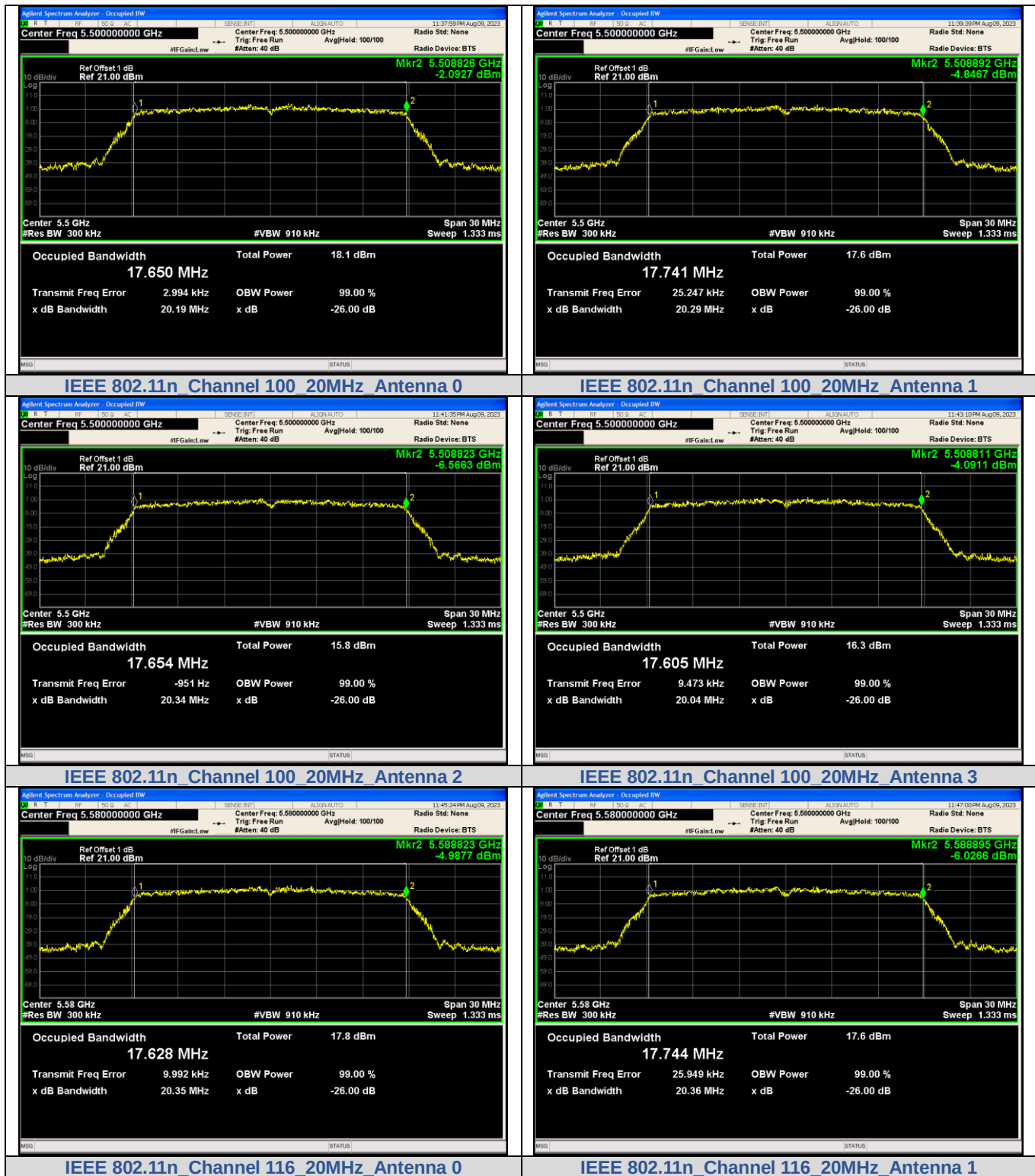
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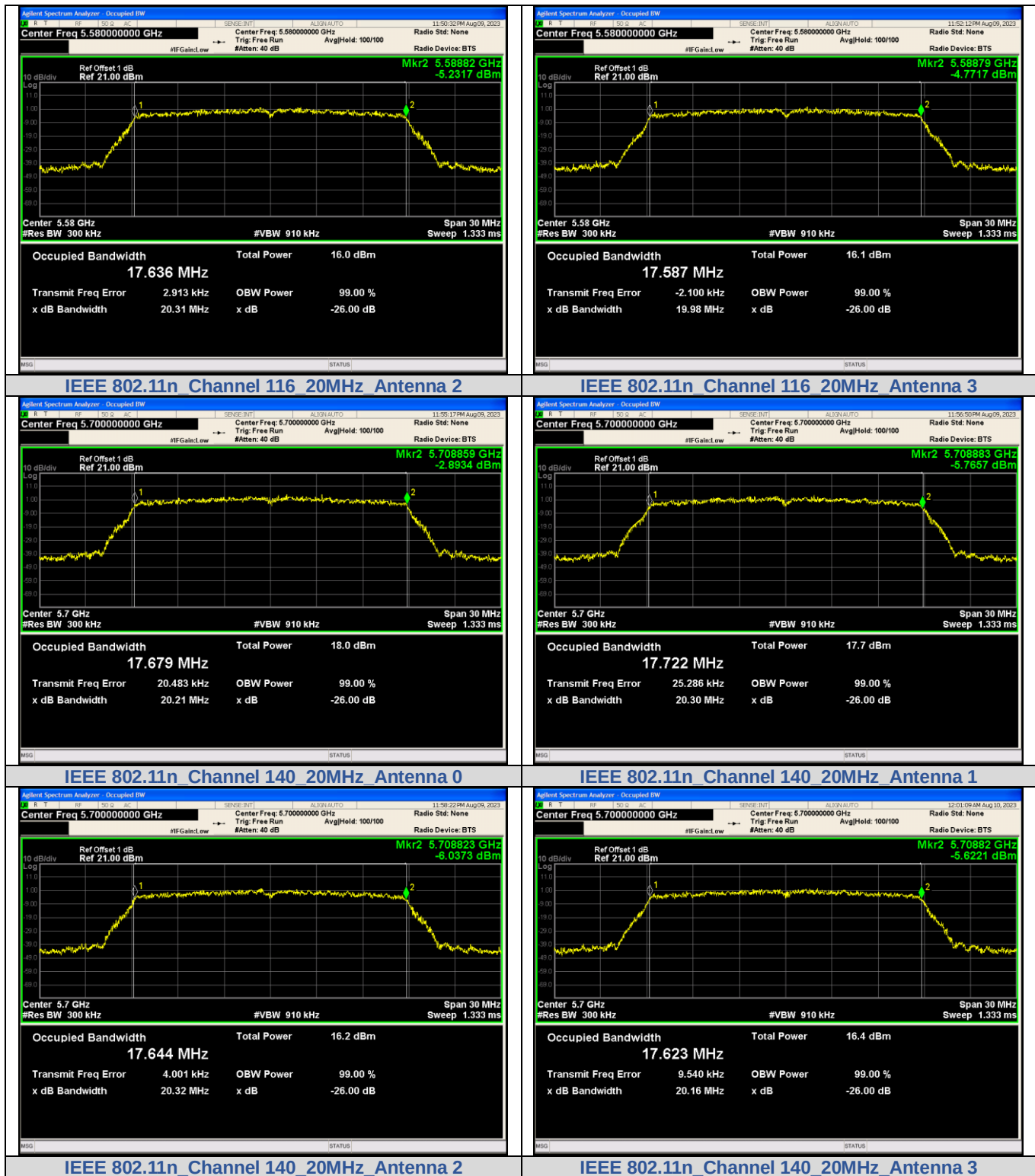
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