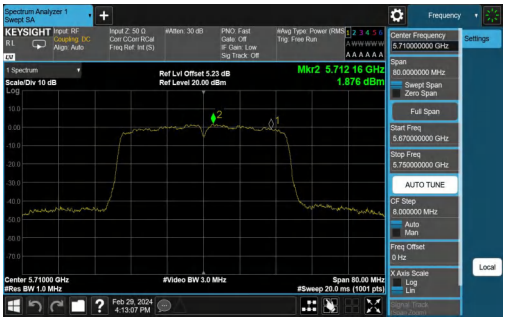
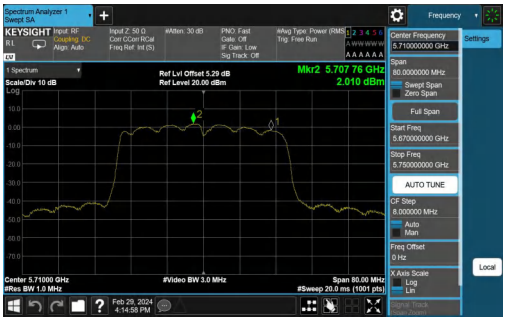
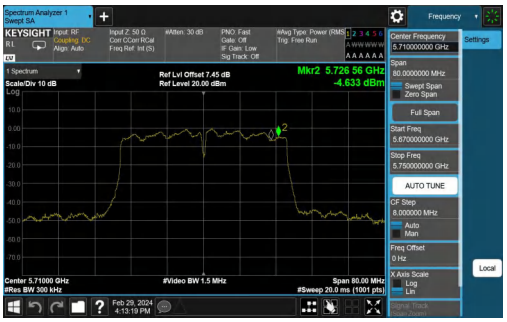


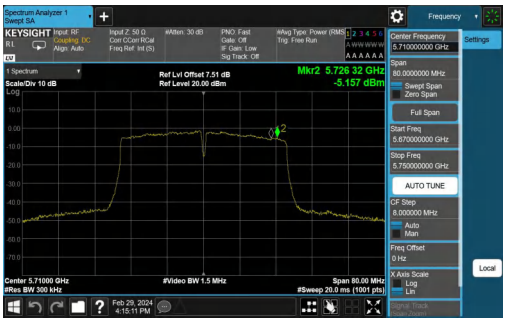
11N40MIMO-Ant1-5710_UNII-3-PASS



11N40MIMO-Ant2-5710_UNII-3-PASS

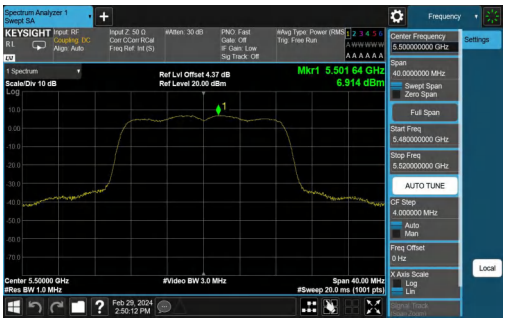


11AC20SISO-Ant1-5500-PASS



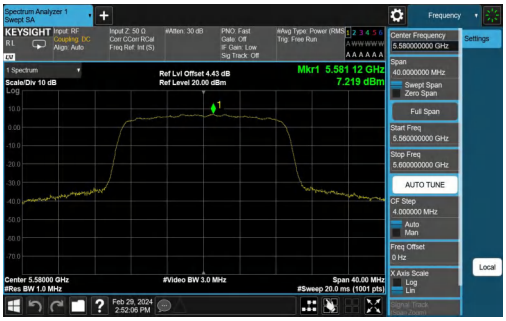
11AC20SISO-Ant2-5500-PASS

11AC20SISO-Ant1-5580-PASS



11AC20SISO-Ant2-5580-PASS

11AC20SISO-Ant1-5700-PASS



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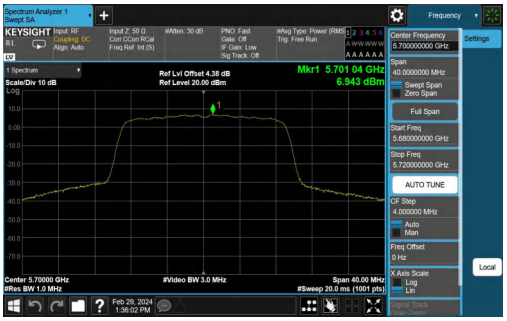
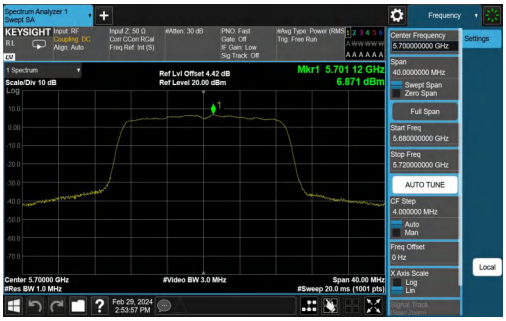
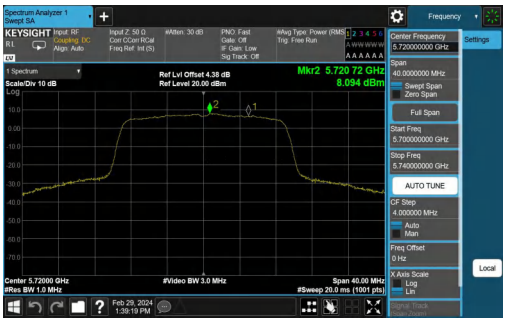


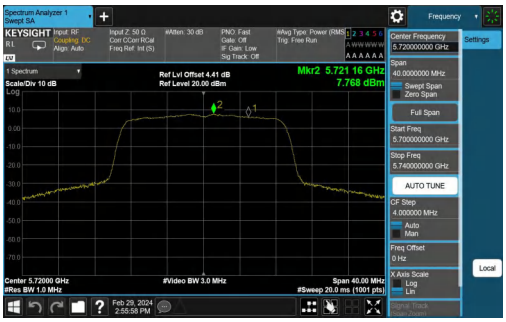
11AC20SISO-Ant1-5720_UNII-2C-PASS



11AC20SISO-Ant2-5720_UNII-2C-PASS



11AC20SISO-Ant1-5720_UNII-3-PASS



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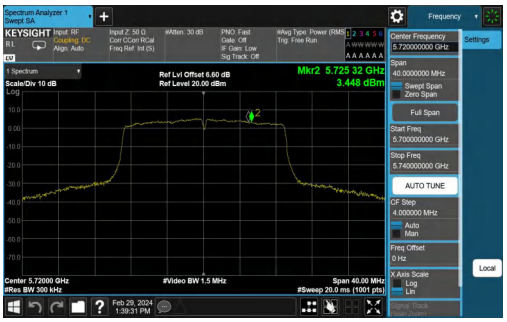
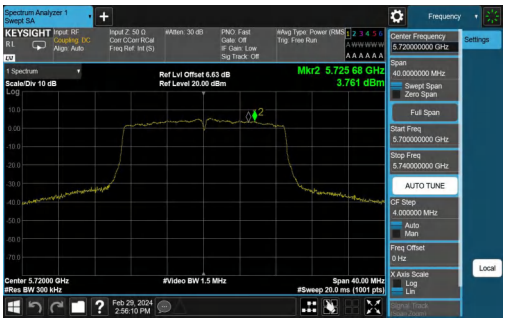
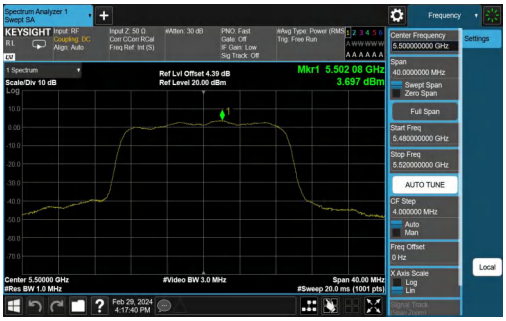


11AC20MIMO-Ant1-5500-PASS



11AC20MIMO-Ant2-5500-PASS

11AC20MIMO-Ant1-5580-PASS



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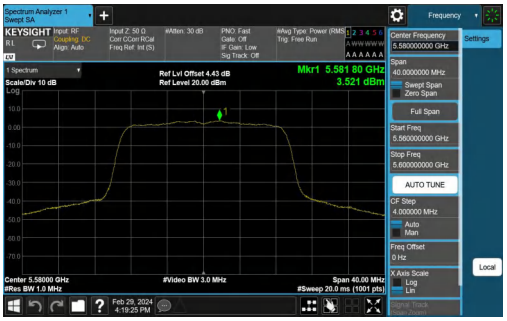
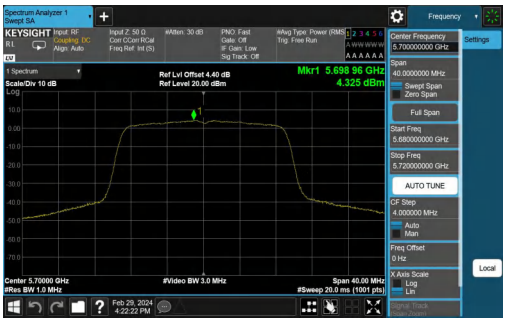
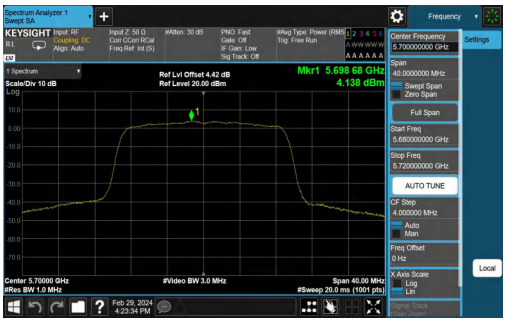


11AC20MIMO-Ant1-5700-PASS

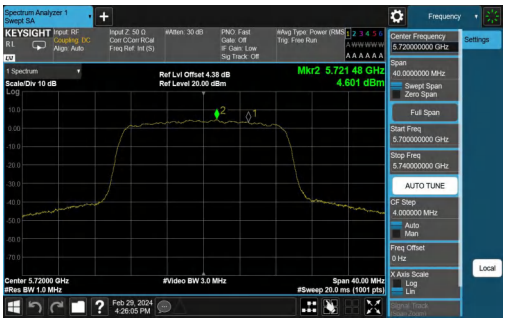
11AC20MIMO-Ant2-5700-PASS



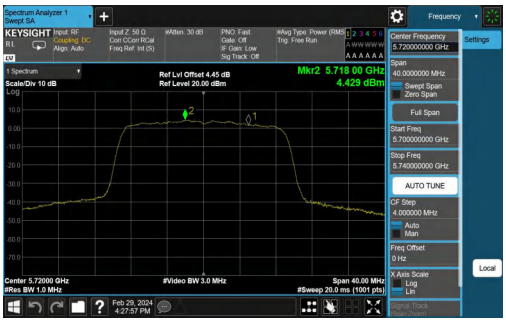
11AC20MIMO-Ant1-5720_UNII-2C-PASS



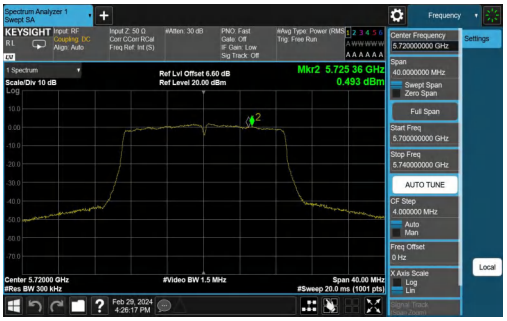
11AC20MIMO-Ant2-5720_UNII-2C-PASS



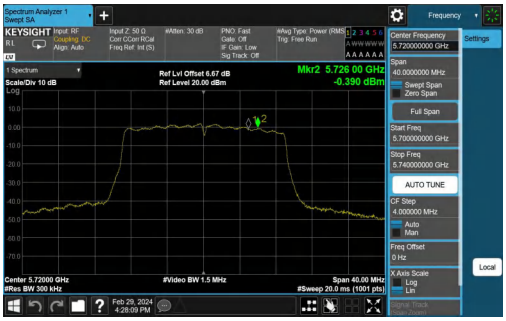
11AC20MIMO-Ant1-5720_UNII-3-PASS



11AC20MIMO-Ant2-5720_UNII-3-PASS



11AC40SISO-Ant1-5510-PASS



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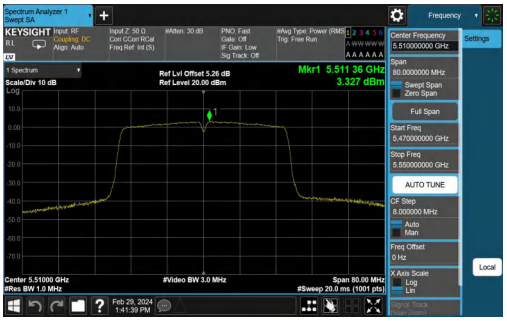
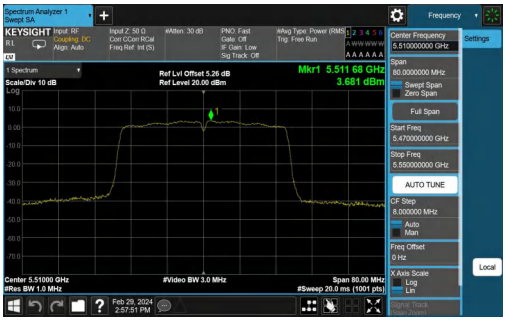
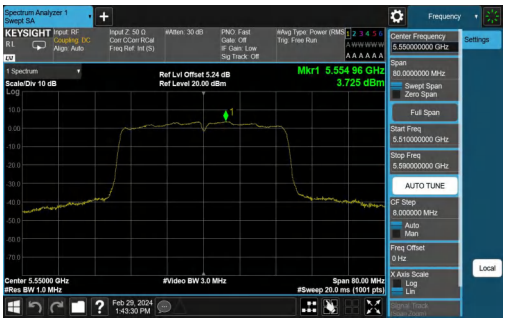


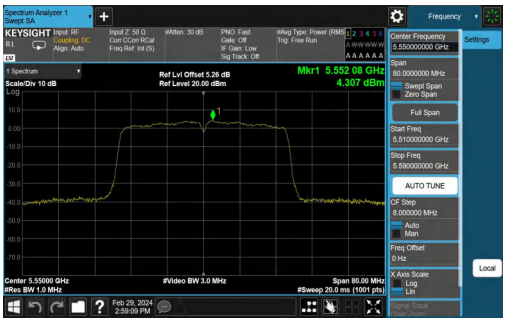
11AC40SISO-Ant1-5550-PASS



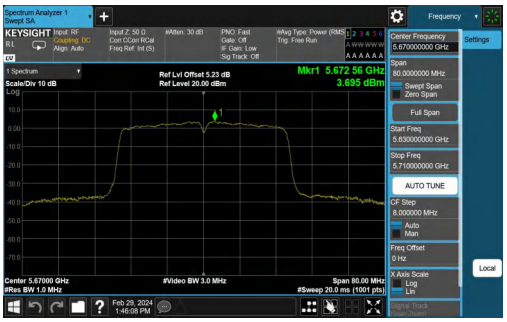
11AC40SISO-Ant2-5550-PASS



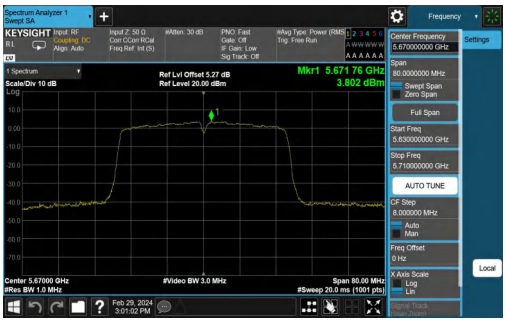
11AC40SISO-Ant1-5670-PASS



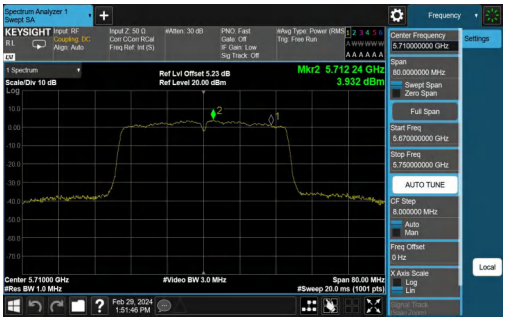
11AC40SISO-Ant2-5670-PASS



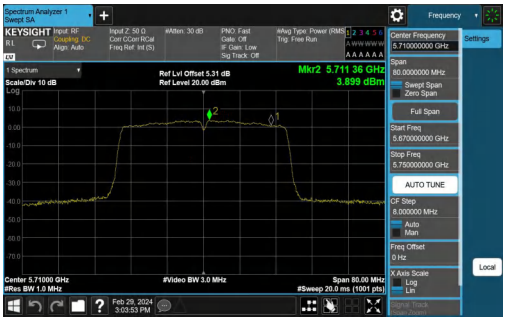
11AC40SISO-Ant1-5710_UNII-2C-PASS



11AC40SISO-Ant2-5710_UNII-2C-PASS



11AC40SISO-Ant1-5710_UNII-3-PASS



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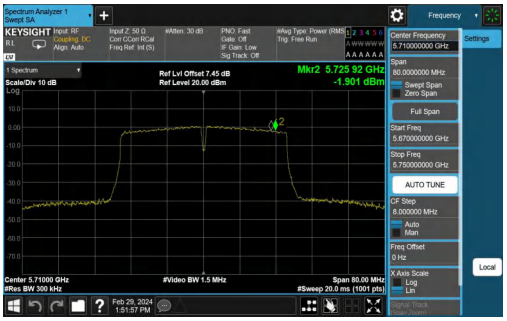
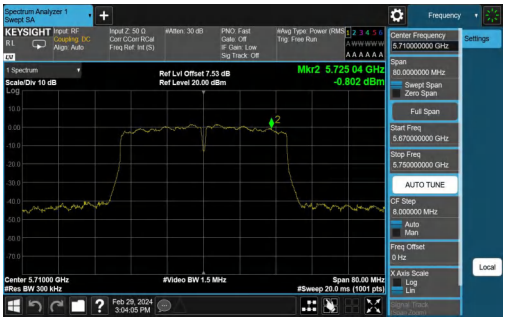
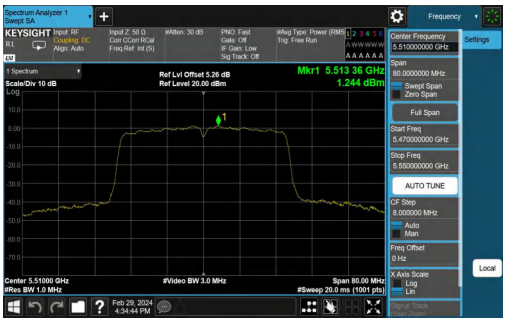


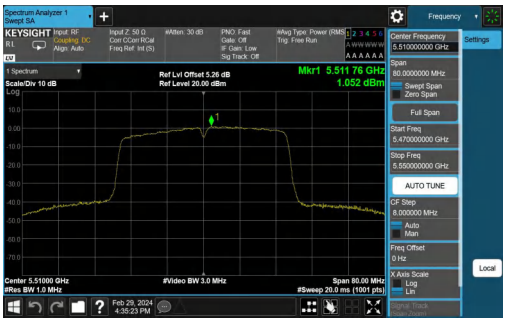
11AC40MIMO-Ant1-5510-PASS



11AC40MIMO-Ant2-5510-PASS



11AC40MIMO-Ant1-5550-PASS



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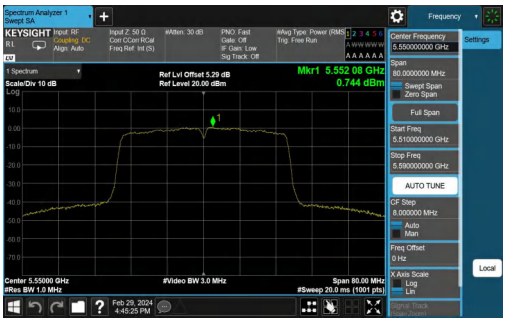
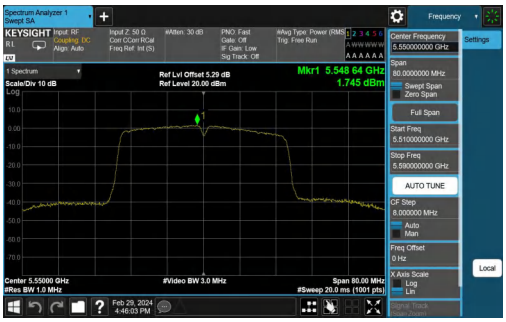
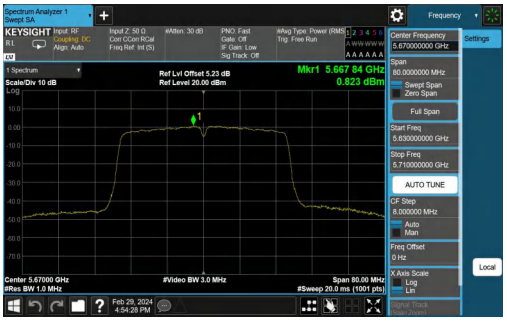


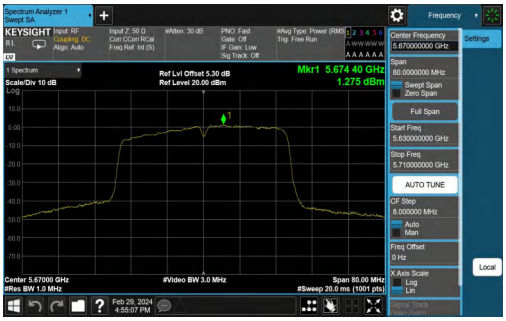
11AC40MIMO-Ant1-5670-PASS



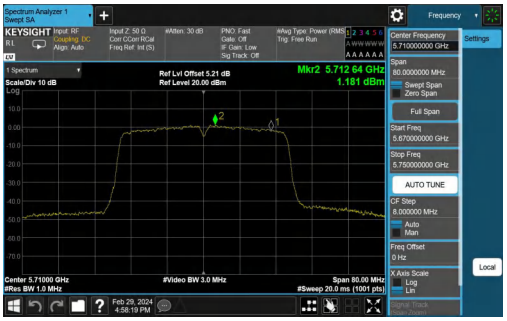
11AC40MIMO-Ant2-5670-PASS



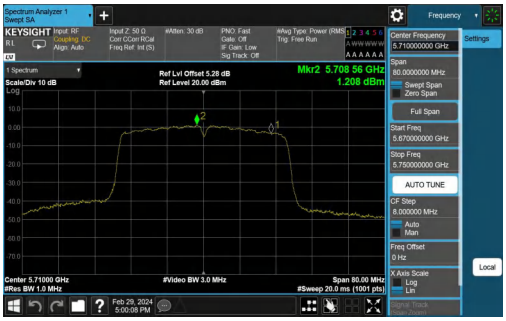
11AC40MIMO-Ant1-5710_UNII-2C-PASS



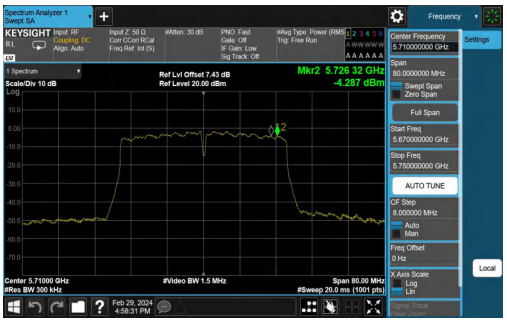
11AC40MIMO-Ant2-5710_UNII-2C-PASS



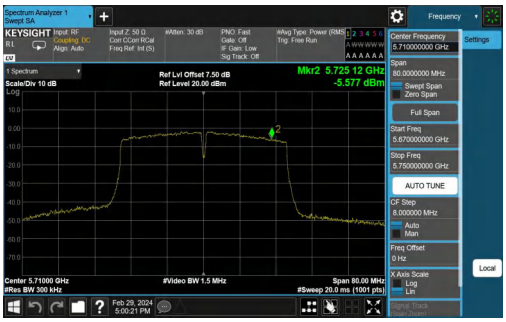
11AC40MIMO-Ant1-5710_UNII-3-PASS



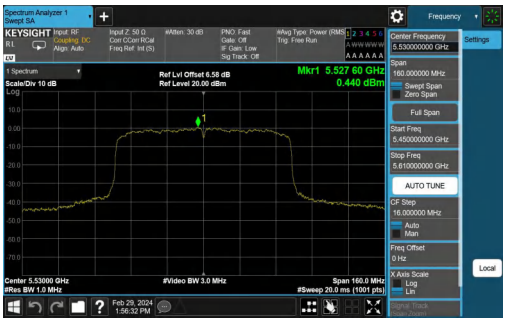
11AC40MIMO-Ant2-5710_UNII-3-PASS



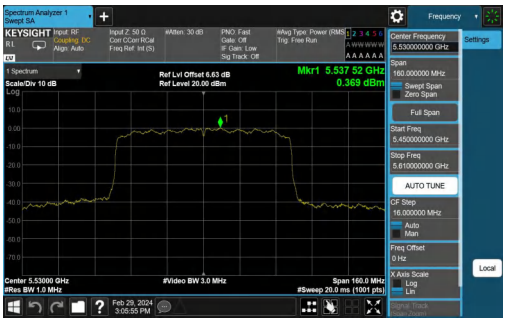
11AC80SISO-Ant1-5530-PASS



11AC80SISO-Ant2-5530-PASS



11AC80SISO-Ant1-5610-PASS



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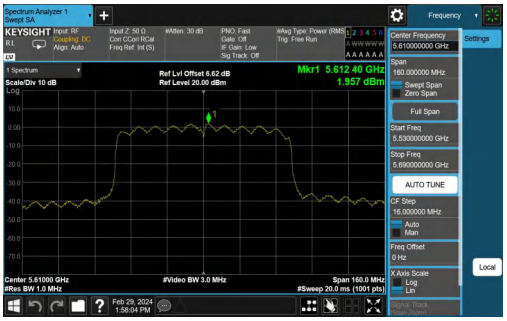
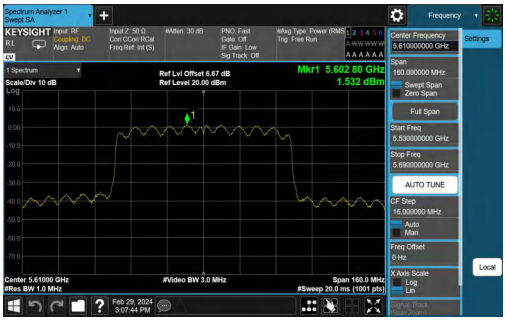
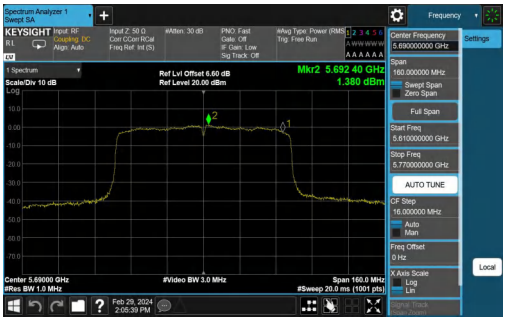


11AC80SISO-Ant1-5690_UNII-2C-PASS



11AC80SISO-Ant2-5690_UNII-2C-PASS



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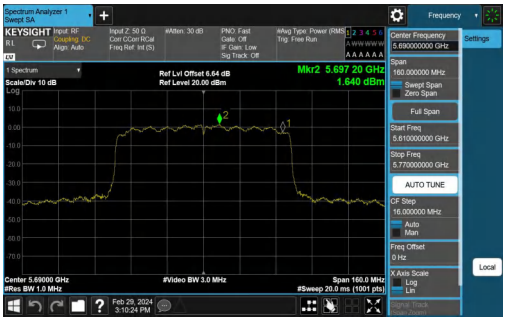

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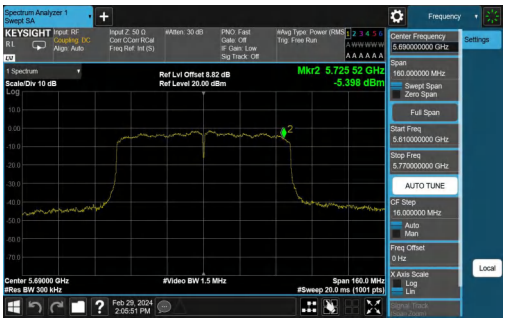
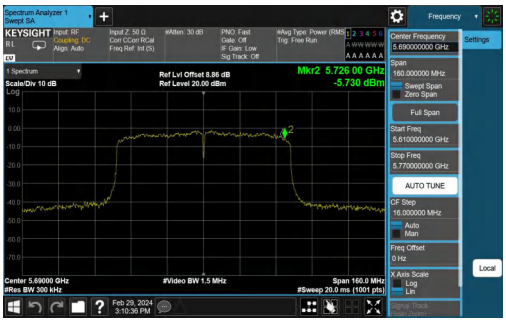
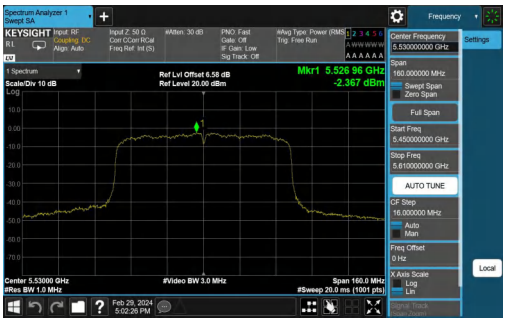


11AC80MIMO-Ant1-5530-PASS



11AC80MIMO-Ant2-5530-PASS



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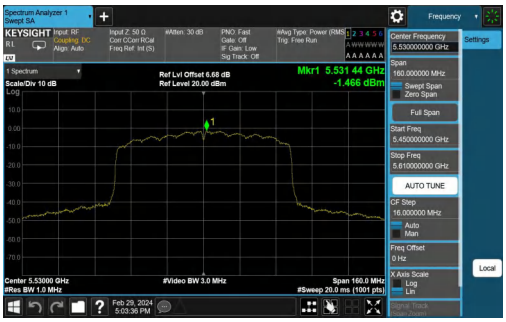
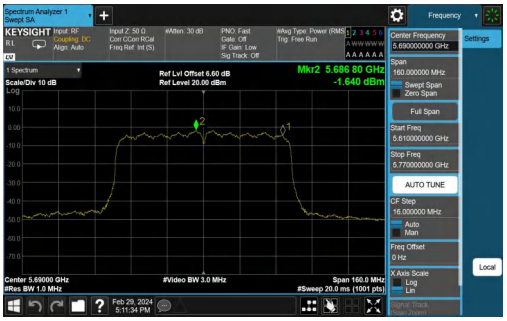


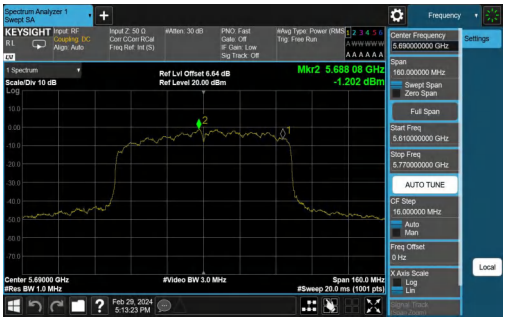
11AC80MIMO-Ant2-5610-PASS

11AC80MIMO-Ant1-5690_UNII-2C-PASS

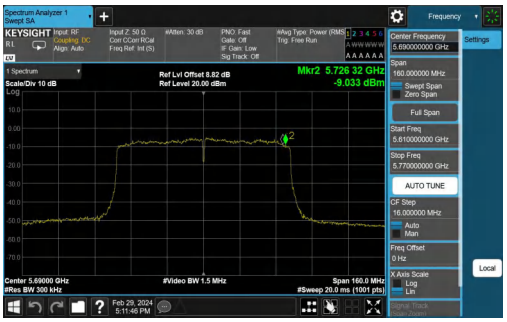
11AC80MIMO-Ant2-5690_UNII-2C-PASS

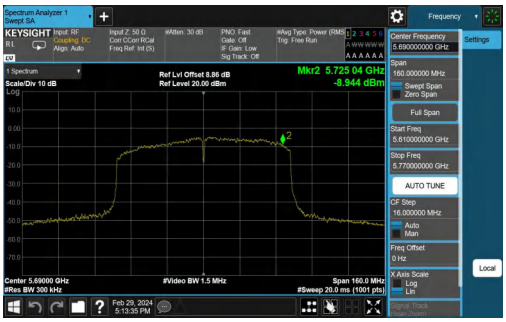


11AC80MIMO-Ant1-5690_UNII-3-PASS



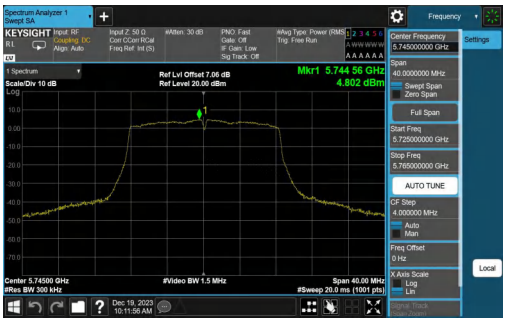
11AC80MIMO-Ant2-5690_UNII-3-PASS



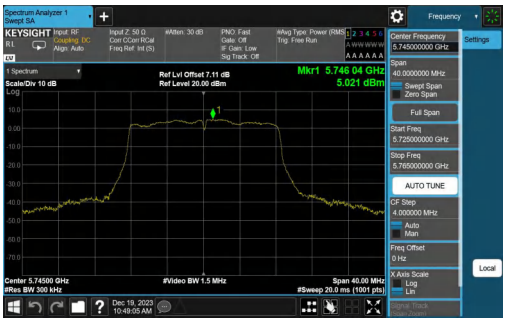


U-NII-3

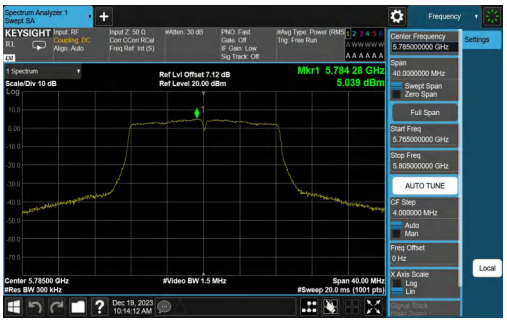
11A-Ant1-5745-PASS



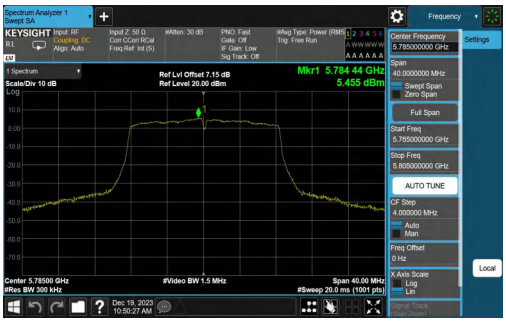
11A-Ant2-5745-PASS



11A-Ant1-5785-PASS

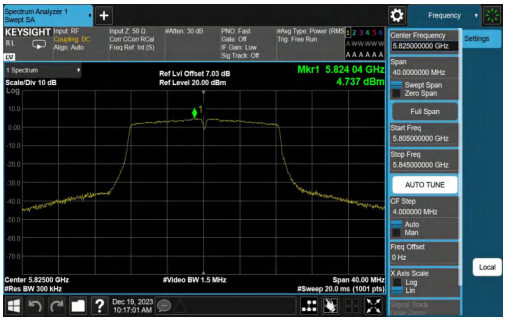


11A-Ant2-5785-PASS

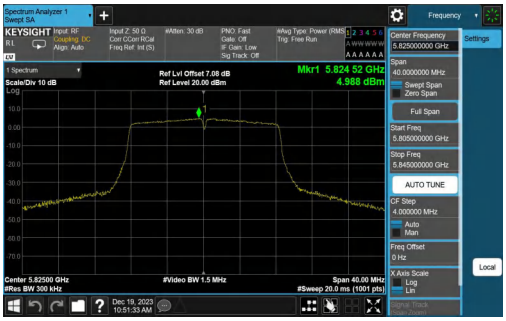


11A-Ant1-5825-PASS

11A-Ant2-5825-PASS



11A-CDD-Ant1-5745-PASS



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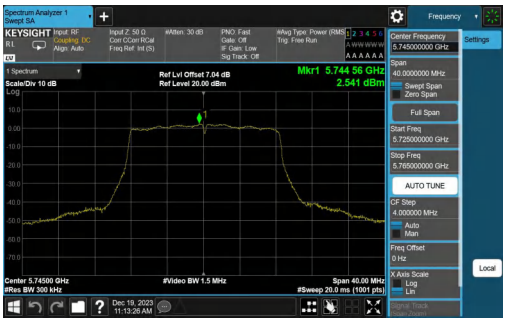

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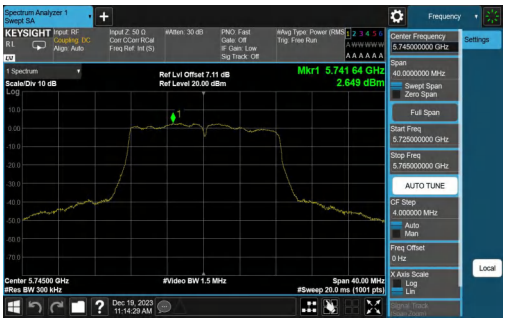

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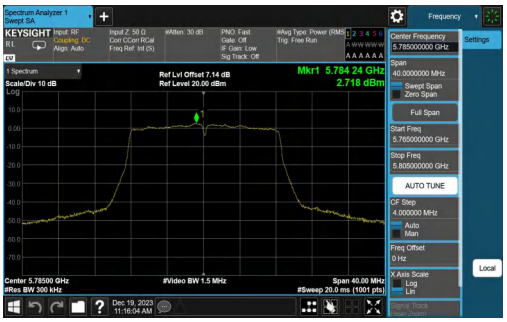
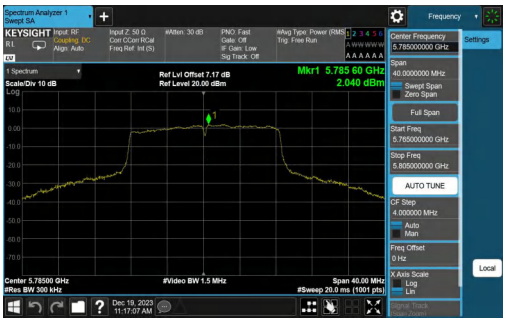


11A-CDD-Ant1-5825-PASS



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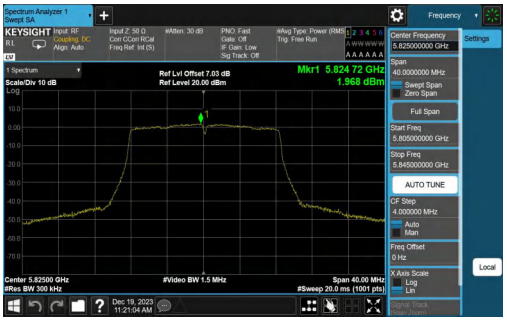
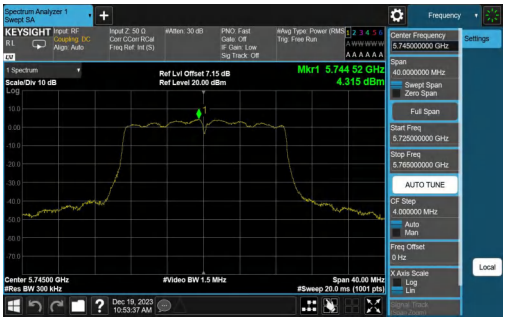


11N20SISO-Ant1-5745-PASS

11N20SISO-Ant2-5745-PASS

11N20SISO-Ant1-5785-PASS



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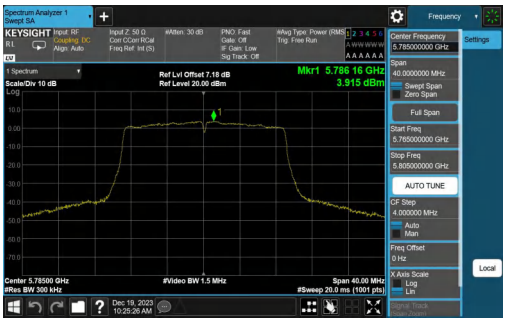
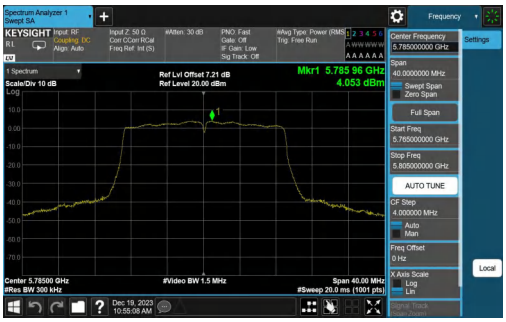


11N20SISO-Ant1-5825-PASS



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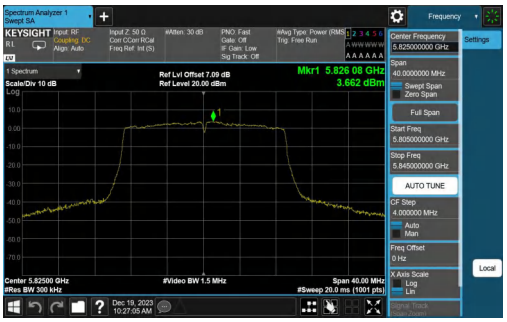
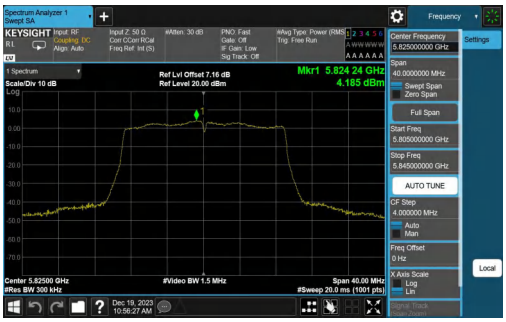


11N20MIMO-Ant1-5745-PASS



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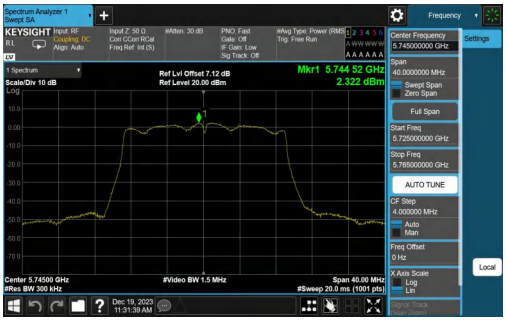

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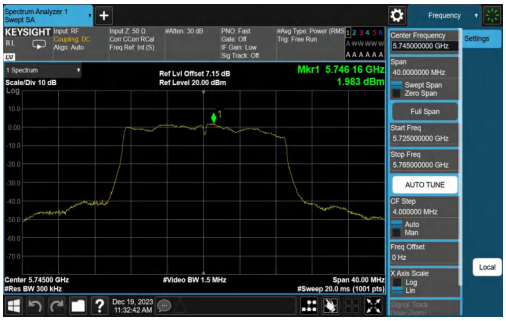

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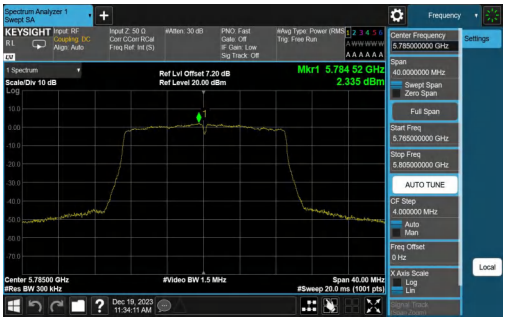

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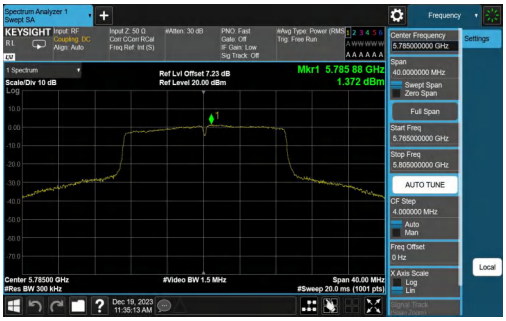

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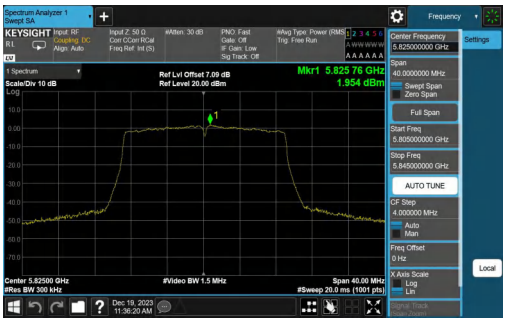
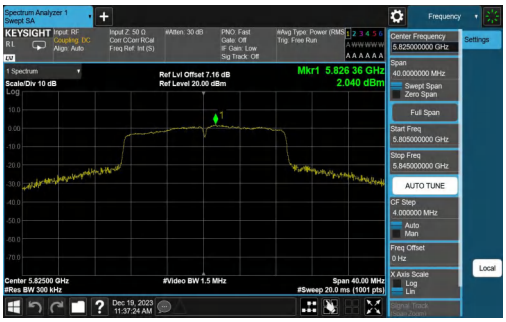


11N40SISO-Ant1-5755-PASS



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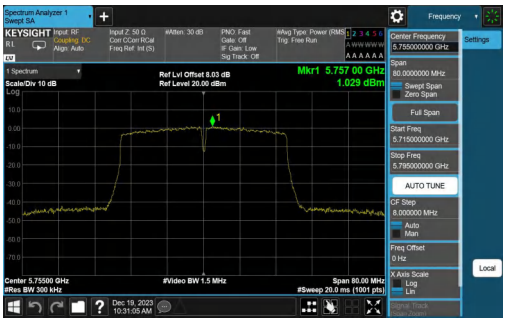

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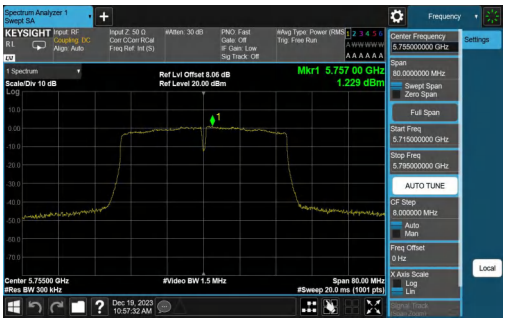

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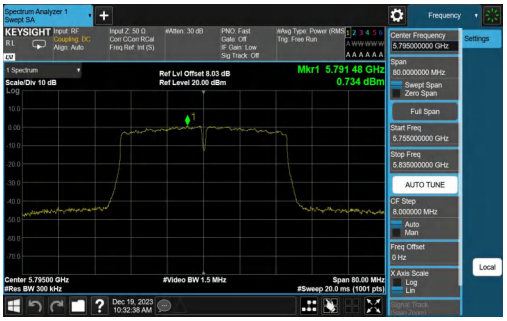

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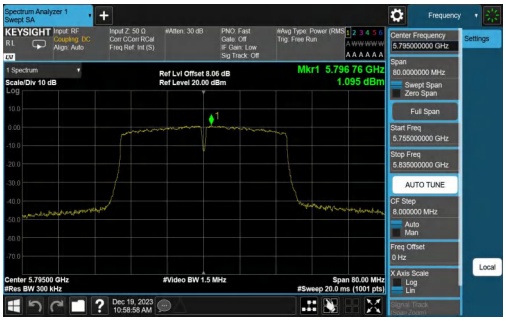

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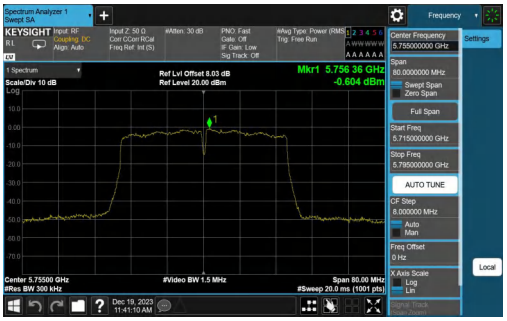

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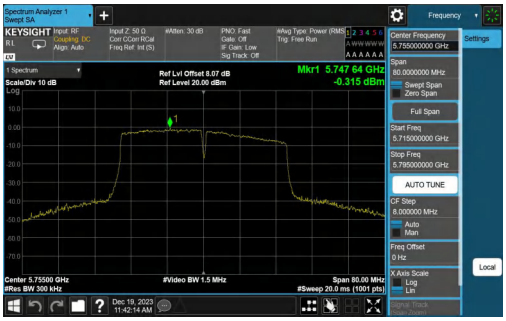

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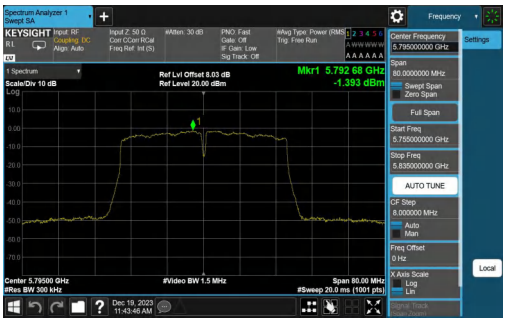

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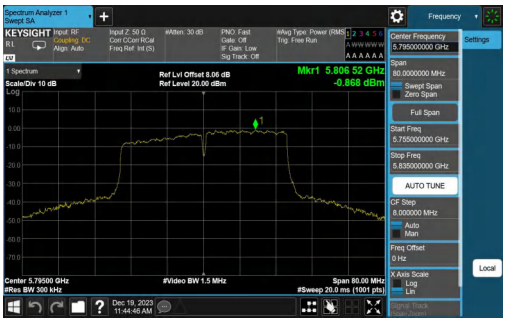

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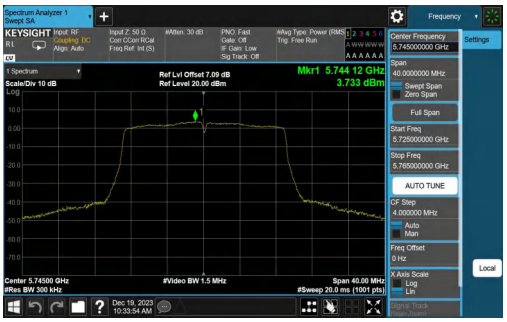

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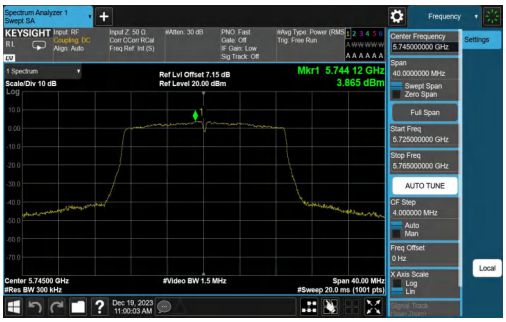

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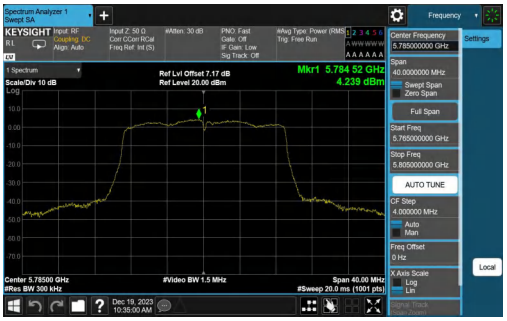

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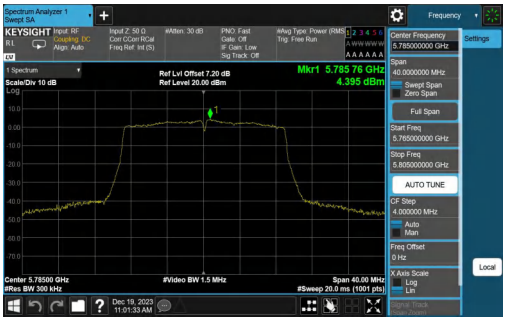

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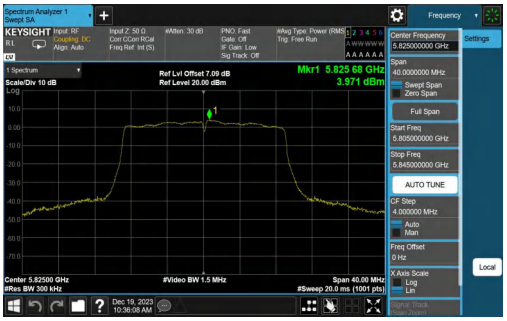

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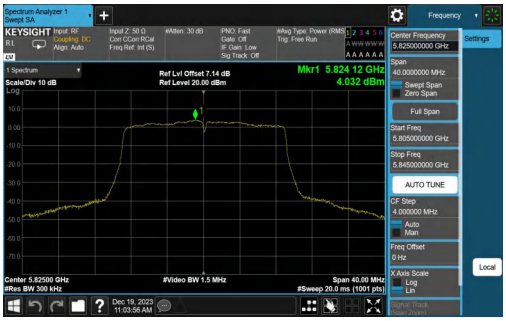

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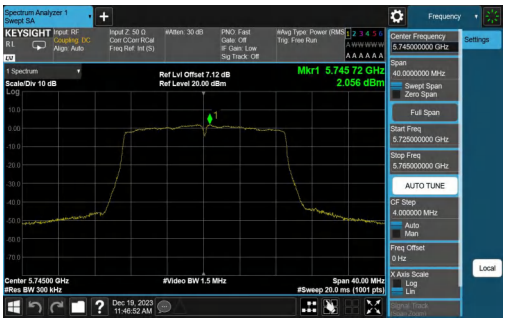

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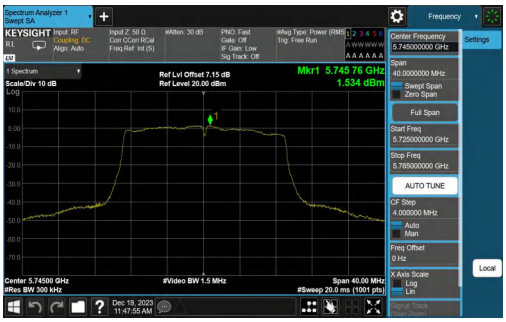

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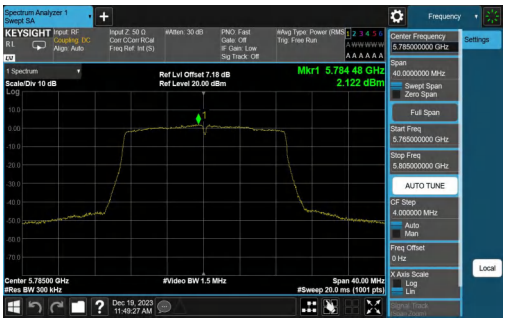

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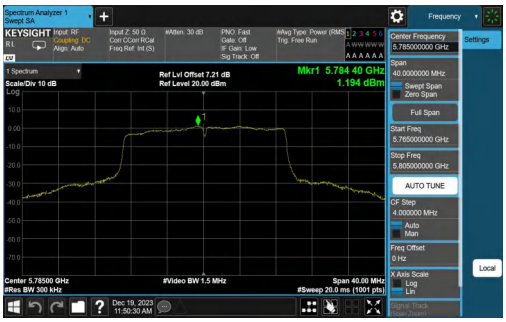

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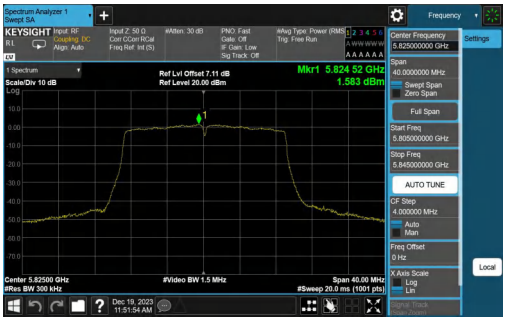
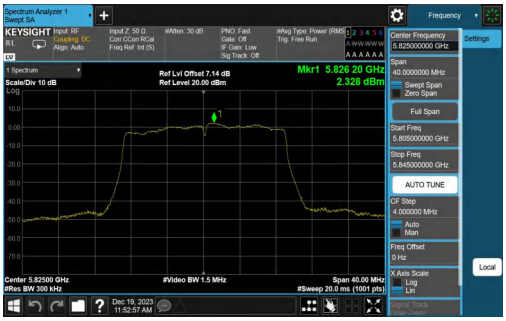


11AC40SISO-Ant1-5755-PASS



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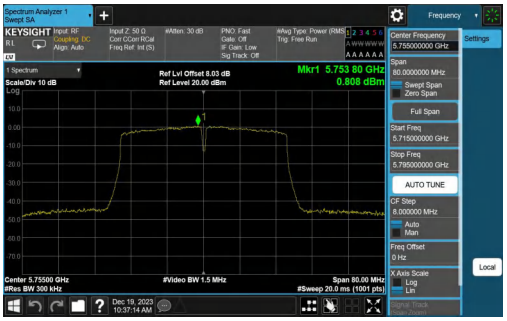

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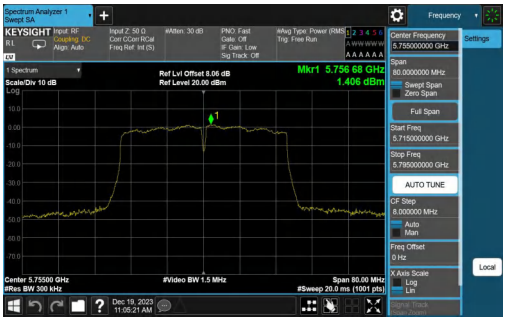

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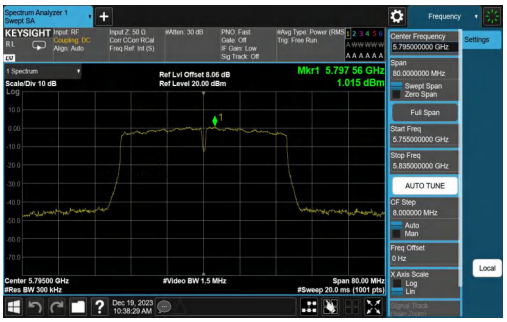

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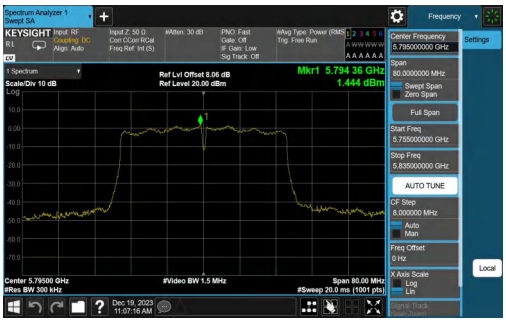

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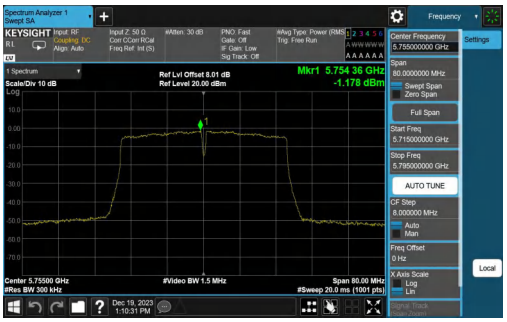

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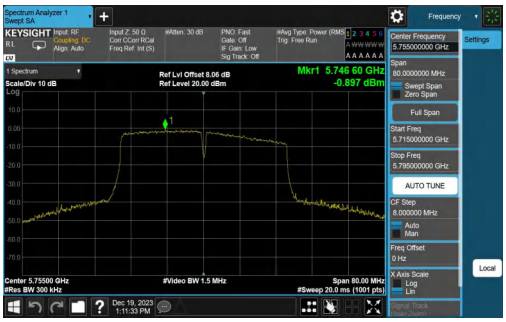
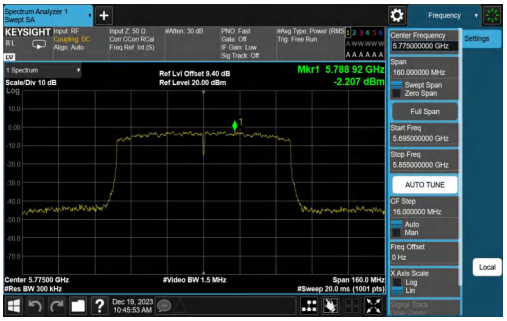


11AC40MIMO-Ant2-5795-PASS

11AC80SISO-Ant1-5775-PASS

11AC80SISO-Ant2-5775-PASS



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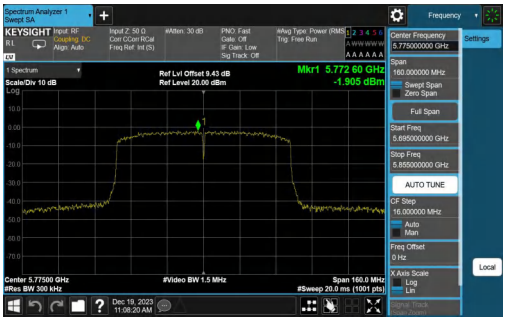

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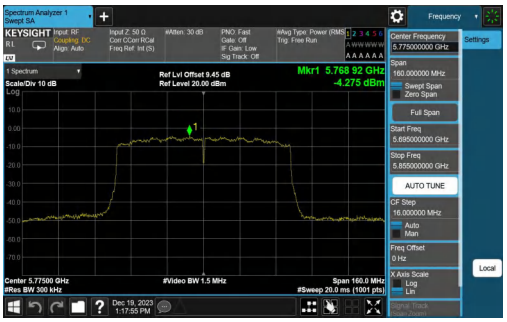
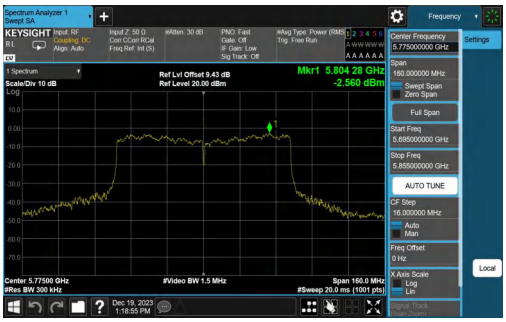




Appendix B – Test Results of Radiated Test

B.1 Unwanted Emissions

Test Result

Band Edges

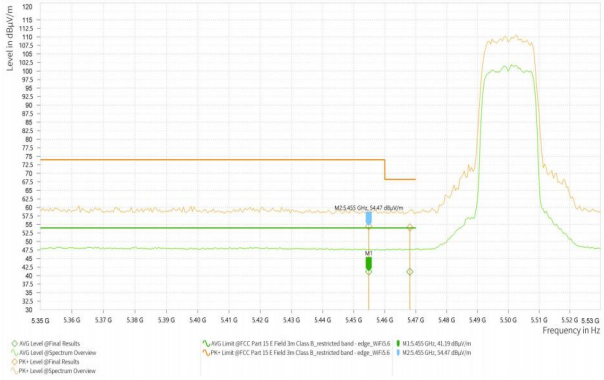
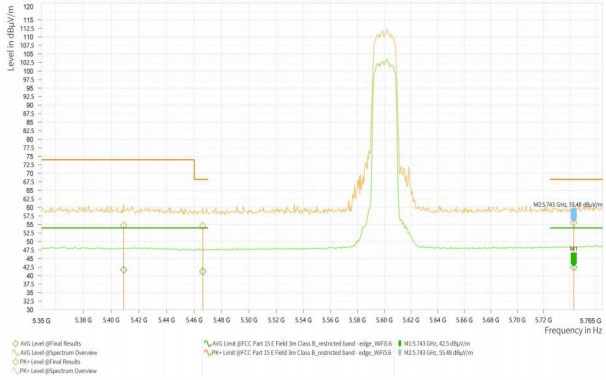
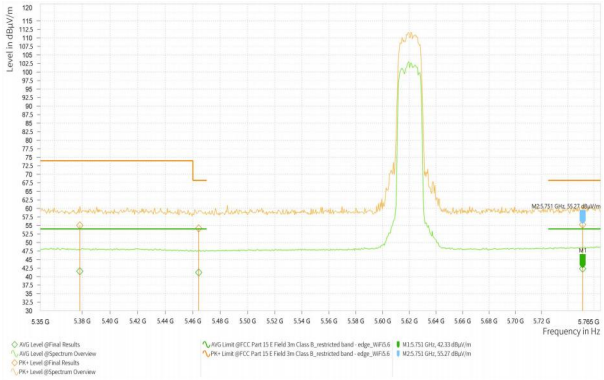
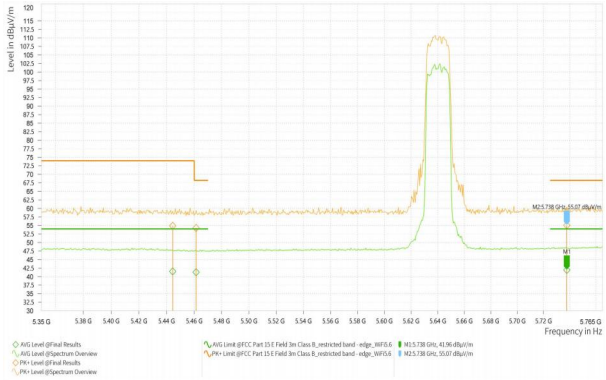
Test Mode & Test Freq.[MHz]	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit dBμV/m]	AVG Margin [dB]	Polarization	Azimuth [deg]
Wi-Fi 5G_11A_5180	5,142.500	53.80	74.00	20.20	40.14	54.00	13.86	H	252.7
	5,148.500	58.13	74.00	15.87	41.43	54.00	12.57	V	11
Wi-Fi 5G_11A_5320	5,356.000	55.70	74.00	18.30	41.29	54.00	12.71	H	268.4
	5,362.000	56.42	74.00	17.58	42.34	54.00	11.66	V	197.5
Wi-Fi 5G_11A_5500	5,454.825	54.47	74.00	19.53	41.19	54.00	12.81	H	36.3
	5,468.125	54.12	68.20	14.08	41.14	54.00	12.86	H	359.8
Wi-Fi 5G_11A_5600	5,408.914	54.72	74.00	19.28	41.69	54.00	12.31	H	199
	5,466.229	54.58	68.20	13.62	41.23	54.00	12.77	H	0
	5,743.086	55.48	68.20	12.72	42.50	54.00	11.50	V	261.5
Wi-Fi 5G_11A_5620	5,378.314	55.01	74.00	18.99	41.60	54.00	12.40	H	300.9
	5,464.286	54.17	68.20	14.03	41.20	54.00	12.80	H	360
	5,751.343	55.27	68.20	12.93	42.33	54.00	11.67	V	18.4
Wi-Fi 5G_11A_5640	5,444.371	54.90	74.00	19.10	41.53	54.00	12.47	V	173.1
	5,461.371	54.26	68.20	13.94	41.29	54.00	12.71	V	0.7
	5,737.743	55.07	68.20	13.13	41.96	54.00	12.04	H	187.4
Wi-Fi 5G_11A_5700	5,734.343	55.82	68.20	12.38	42.55	54.00	11.45	V	0
	5,741.143	54.96	68.20	13.24	42.05	54.00	11.95	H	240.7
Wi-Fi 5G_11A_5720	5,453.335	54.25	74.00	19.75	40.99	54.00	13.01	H	0
	5,465.370	54.28	68.20	13.92	40.85	54.00	13.15	H	298.2
	5,752.135	55.55	68.20	12.65	41.88	54.00	12.12	H	249.5
Wi-Fi 5G_11A_5745	5,644.094	54.85	68.20	13.35	41.89	--	--	H	340.3
	5,684.313	55.60	93.63	38.03	42.47	--	--	V	161
	5,711.125	56.10	108.32	52.22	42.91	--	--	H	135.6
	5,723.719	64.60	119.28	54.68	48.13	--	--	H	147.5
	5,850.469	56.18	121.13	64.96	42.67	--	--	V	108.5
	5,867.531	55.86	107.29	51.43	42.48	--	--	H	133.5
	5,894.344	56.46	90.85	34.39	42.83	--	--	V	277
	5,941.063	55.96	68.20	12.24	42.32	--	--	H	18.4
Wi-Fi 5G_11A_5825	5,647.344	55.20	68.20	13.00	41.75	--	--	V	42.7
	5,670.906	55.17	83.71	28.54	41.97	--	--	V	223.2

	5,707.469	55.76	107.29	51.54	41.93	--	--	H	318.5
	5,723.719	54.97	119.28	64.31	41.78	--	--	H	147.8
	5,850.875	62.87	120.20	57.34	44.01	--	--	H	164.2
	5,865.094	56.65	107.97	51.32	42.86	--	--	H	121.6
	5,905.313	56.53	82.73	26.20	43.13	--	--	H	149.8
	5,932.938	55.90	68.20	12.30	42.85	--	--	H	135.6
Wi-Fi 5G_11N40_5190	5,146.500	61.99	74.00	12.01	43.72	54.00	10.28	V	127.5
	5,385.500	54.75	74.00	19.25	41.55	54.00	12.45	H	195.4
Wi-Fi 5G_11N40_5310	5,147.500	54.61	74.00	19.39	41.02	54.00	12.98	V	0
	5,353.500	65.75	74.00	8.25	46.43	54.00	7.57	V	72.6
	5,378.500	63.08	74.00	10.92	42.51	54.00	11.49	V	110.9
Wi-Fi 5G_11N40_5510	5,384.860	54.95	74.00	19.05	41.74	54.00	12.26	V	45.1
	5,462.050	54.74	68.20	13.46	41.14	54.00	12.86	H	250.7
	5,760.020	55.75	68.20	12.45	42.23	54.00	11.77	H	360
Wi-Fi 5G_11N40_5590	5,452.505	55.05	74.00	18.95	41.21	54.00	12.79	H	0
	5,465.370	55.17	68.20	13.03	41.35	54.00	12.65	V	236.3
	5,730.140	54.76	68.20	13.44	41.80	54.00	12.20	H	66.6
Wi-Fi 5G_11N40_5630	5,454.580	54.36	74.00	19.64	41.19	54.00	12.81	H	234.8
	5,466.615	54.41	68.20	13.79	41.12	54.00	12.88	H	226.7
	5,729.725	55.49	68.20	12.71	42.01	54.00	11.99	V	0
Wi-Fi 5G_11N40_5670	5,455.825	54.84	74.00	19.16	41.10	54.00	12.90	H	19.4
	5,466.615	54.35	68.20	13.85	41.03	54.00	12.97	H	360
	5,729.310	55.00	68.20	13.20	41.71	54.00	12.29	H	96.2
Wi-Fi 5G_11N40_5710	5,447.110	54.89	74.00	19.11	41.22	54.00	12.78	V	101.2
	5,464.955	54.25	68.20	13.95	41.07	54.00	12.93	V	194.5
	5,752.965	55.22	68.20	12.98	41.93	54.00	12.07	H	166.7
Wi-Fi 5G_11N40_5755	5,643.688	55.06	68.20	13.14	41.65	--	--	H	32.8
	5,694.469	55.89	101.12	45.24	41.77	--	--	H	237.5
	5,715.594	55.21	109.57	54.36	41.76	--	--	H	95.3
	5,722.094	55.28	115.58	60.29	41.93	--	--	H	57.1
	5,852.094	55.25	117.43	62.17	42.22	--	--	H	3.8
	5,863.875	55.96	108.31	52.35	42.32	--	--	H	199.4
	5,884.594	55.69	98.08	42.38	42.58	--	--	H	1
	5,930.094	55.72	68.20	12.48	42.48	--	--	H	11.7
Wi-Fi 5G_11N40_5795	5,646.938	55.40	68.20	12.80	41.71	--	--	H	119.3
	5,694.875	55.27	101.42	46.15	41.75	--	--	H	97.4
	5,715.594	55.38	109.57	54.18	41.76	--	--	H	0
	5,724.125	55.43	120.21	64.78	41.89	--	--	H	247.1
	5,851.688	55.59	118.35	62.76	42.29	--	--	H	0

	5,858.594	55.74	109.79	54.06	42.19	--	--	H	131.2
	5,878.094	55.53	102.90	47.38	42.60	--	--	H	351.6
	5,926.438	56.21	68.20	11.99	42.48	--	--	H	356.2
Wi-Fi 5G_11AC20_5180	5,138.500	54.14	74.00	19.86	41.00	54.00	13.00	H	359.9
	5,147.500	55.06	74.00	18.94	41.66	54.00	12.34	V	133.6
Wi-Fi 5G_11AC20_5320	5,358.000	56.42	74.00	17.58	42.30	54.00	11.70	V	134.7
	5,366.000	55.11	74.00	18.89	41.95	54.00	12.05	H	0
Wi-Fi 5G_11AC20_5500	5,440.486	54.41	74.00	19.59	41.57	54.00	12.43	H	0
	5,453.114	54.60	74.00	19.40	41.61	54.00	12.39	H	43.9
	5,466.229	54.26	68.20	13.94	41.46	54.00	12.54	H	147.9
Wi-Fi 5G_11AC20_5600	5,441.943	54.89	74.00	19.11	41.53	54.00	12.47	V	238.7
	5,462.829	54.60	68.20	13.60	41.16	54.00	12.84	H	1.3
	5,751.343	55.78	68.20	12.42	42.26	54.00	11.74	V	58.2
Wi-Fi 5G_11AC20_5620	5,420.086	55.08	74.00	18.92	41.69	54.00	12.31	H	159.4
	5,463.314	54.73	68.20	13.47	41.08	54.00	12.92	H	358
	5,744.057	55.42	68.20	12.78	42.35	54.00	11.65	V	95.4
Wi-Fi 5G_11AC20_5640	5,450.686	54.33	74.00	19.67	41.20	54.00	12.80	V	243.2
	5,465.257	54.86	68.20	13.34	41.09	54.00	12.91	V	359.9
	5,735.314	55.84	68.20	12.36	41.81	54.00	12.19	V	129.9
Wi-Fi 5G_11AC20_5700	5,730.457	55.19	68.20	13.01	41.93	54.00	12.07	V	282.6
	5,750.857	55.82	68.20	12.38	42.25	54.00	11.75	H	94.1
Wi-Fi 5G_11AC20_5720	5,450.430	54.12	74.00	19.88	41.06	54.00	12.94	H	286.6
	5,463.710	54.83	68.20	13.37	40.91	54.00	13.09	H	8.5
	5,749.645	55.71	68.20	12.49	42.18	54.00	11.82	V	0
Wi-Fi 5G_11AC20_5745	5,644.906	54.81	68.20	13.39	41.62	--	--	H	237.4
	5,680.656	55.42	90.92	35.51	41.64	--	--	H	351.5
	5,717.219	56.28	110.02	53.75	42.55	--	--	V	31.9
	5,722.906	61.61	117.43	55.82	47.81	--	--	H	225.3
	5,852.906	56.53	115.57	59.04	42.61	--	--	V	84.5
	5,874.031	55.98	105.47	49.49	42.81	--	--	V	250.7
	5,905.313	55.78	82.73	26.95	42.49	--	--	H	211.2
	5,946.750	55.64	68.20	12.56	42.35	--	--	V	360
Wi-Fi 5G_11AC20_5825	5,643.281	55.31	68.20	12.89	41.67	--	--	H	360
	5,677.813	55.39	88.82	33.43	41.96	--	--	H	111.7
	5,709.906	55.18	107.98	52.80	41.99	--	--	H	294.6
	5,723.313	55.81	118.35	62.55	42.12	--	--	V	132.4
	5,853.313	58.06	114.65	56.59	43.59	--	--	H	72.2
	5,868.750	55.84	106.95	51.11	42.72	--	--	H	83.4
	5,909.375	56.08	79.73	23.65	42.66	--	--	H	359.9

	5,936.594	55.97	68.20	12.23	42.96	--	--	V	158.6
	5,695.281	56.05	101.72	45.67	42.47	--	--	V	110.9
	5,716.813	55.77	109.91	54.14	42.24	--	--	V	0
	5,723.719	56.06	119.28	63.21	42.53	--	--	V	23.6
	5,852.094	63.24	117.43	54.18	43.99	--	--	V	125.3
	5,861.031	57.89	109.11	51.22	43.22	--	--	V	175.4
	5,881.344	56.81	100.49	43.68	43.33	--	--	V	175.4
	5,928.469	55.63	68.20	12.57	42.42	--	--	H	133.2
Wi-Fi 5G_11AC80_5210	5,143.000	62.00	74.00	12.00	45.09	54.00	8.91	V	122.6
	5,359.000	57.56	74.00	16.44	43.12	54.00	10.88	V	213.6
Wi-Fi 5G_11AC80_5290	5,142.500	55.88	74.00	18.12	41.47	54.00	12.53	V	1.9
	5,358.500	60.34	74.00	13.66	43.73	54.00	10.27	V	238.7
Wi-Fi 5G_11AC80_5530	5,450.845	57.79	74.00	16.21	42.53	54.00	11.47	V	173
	5,465.785	58.12	68.20	10.08	42.60	54.00	11.40	V	10.9
	5,729.310	54.62	68.20	13.58	41.55	54.00	12.45	H	46
Wi-Fi 5G_11AC80_5610	5,453.750	58.15	74.00	15.85	41.85	54.00	12.15	V	94.1
	5,464.955	58.23	68.20	9.97	43.19	54.00	10.81	V	198.2
	5,733.045	64.33	68.20	3.87	48.66	54.00	5.34	V	107.3
Wi-Fi 5G_11AC80_5690	5,452.090	54.43	74.00	19.57	41.07	54.00	12.93	H	351.6
	5,464.955	54.07	68.20	14.13	40.91	54.00	13.09	H	360
	5,752.135	55.13	68.20	13.07	41.96	54.00	12.04	H	352.3
Wi-Fi 5G_11AC80_5775	5,645.719	55.81	68.20	12.39	41.84	--	--	V	134.7
	5,652.219	58.94	69.85	10.91	44.19	--	--	V	134.7
	5,697.313	56.25	103.22	46.97	42.16	--	--	V	45.1
	5,715.188	56.91	109.45	52.54	42.65	--	--	V	108.5
	5,724.125	60.42	120.21	59.79	42.93	--	--	V	108.5
	5,851.281	55.82	119.28	63.46	42.17	--	--	H	84.2
	5,863.063	55.32	108.54	53.22	42.27	--	--	V	354.4
	5,878.906	56.15	102.30	46.15	42.46	--	--	H	250.4
	5,930.094	55.78	68.20	12.42	42.58	--	--	V	134.7

Test Graphs

Wi-Fi 5G_11A_5180	Wi-Fi 5G_11A_5320
Wi-Fi 5G_11A_5500	**Wi-Fi 5G_11A_5600**
	
Wi-Fi 5G_11A_5620	**Wi-Fi 5G_11A_5640**