GTS

AppendixA1: Emission Bandwidth

### Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	26db EBW [MHz]	Limit[MHz]	Verdict
11AC20SISO	Ant3	5180	MCS0	22.64	---	---
11AC20SISO	Ant4	5180	MCS0	21.58	---	---
11AC20SISO	Ant3	5200	MCS0	22.33	---	---
11AC20SISO	Ant4	5200	MCS0	22.83	---	---
11AC20SISO	Ant3	5240	MCS0	21.41	---	---
11AC20SISO	Ant4	5240	MCS0	23.73	---	---
11AC20SISO	Ant3	5745	MCS0	23.01	---	---
11AC20SISO	Ant4	5745	MCS0	22.82	---	---
11AC20SISO	Ant3	5785	MCS0	23.13	---	---
11AC20SISO	Ant4	5785	MCS0	21.77	---	---
11AC20SISO	Ant3	5805	MCS0	21.59	---	---
11AC20SISO	Ant4	5805	MCS0	21.57	---	---
11AC40SISO	Ant3	5190	MCS0	44.37	---	---
11AC40SISO	Ant4	5190	MCS0	43.87	---	---
11AC40SISO	Ant3	5230	MCS0	43.98	---	---
11AC40SISO	Ant4	5230	MCS0	42.75	---	---
11AC40SISO	Ant3	5755	MCS0	43.46	---	---
11AC40SISO	Ant4	5755	MCS0	42.79	---	---
11AC40SISO	Ant3	5795	MCS0	42.40	---	---
11AC40SISO	Ant4	5795	MCS0	42.86	---	---
11AC80SISO	Ant3	5210	MCS0	101.0	---	---
11AC80SISO	Ant4	5210	MCS0	84.76	---	---
11AC80SISO	Ant3	5775	MCS0	83.99	---	---
11AC80SISO	Ant4	5775	MCS0	82.48	---	---
11AC20MIMO	Ant3	5180	MCS0	20.93	---	---
11AC20MIMO	Ant4	5180	MCS0	21.02	---	---
11AC20MIMO	Ant3	5200	MCS0	21.51	---	---
11AC20MIMO	Ant4	5200	MCS0	21.15	---	---
11AC20MIMO	Ant3	5240	MCS0	21.23	---	---
11AC20MIMO	Ant4	5240	MCS0	20.62	---	---
11AC20MIMO	Ant3	5745	MCS0	21.09	---	---
11AC20MIMO	Ant4	5745	MCS0	21.36	---	---
11AC20MIMO	Ant3	5785	MCS0	21.48	---	---
11AC20MIMO	Ant4	5785	MCS0	21.47	---	---
11AC20MIMO	Ant3	5805	MCS0	20.66	---	---
11AC20MIMO	Ant4	5805	MCS0	21.36	---	---
11AC40MIMO	Ant3	5190	MCS0	43.89	---	---
11AC40MIMO	Ant4	5190	MCS0	43.22	---	---
11AC40MIMO	Ant3	5230	MCS0	44.96	---	---
11AC40MIMO	Ant4	5230	MCS0	43.26	---	---
11AC40MIMO	Ant3	5755	MCS0	43.58	---	---

11AC40MIMO	Ant4	5755	MCS0	43.05	---	---
11AC40MIMO	Ant3	5795	MCS0	43.47	---	---
11AC40MIMO	Ant4	5795	MCS0	42.96	---	---
11AC80MIMO	Ant3	5210	MCS0	103.4	---	---
11AC80MIMO	Ant4	5210	MCS0	107.5	---	---
11AC80MIMO	Ant3	5775	MCS0	85.75	---	---
11AC80MIMO	Ant4	5775	MCS0	83.14	---	---

Test Graphs
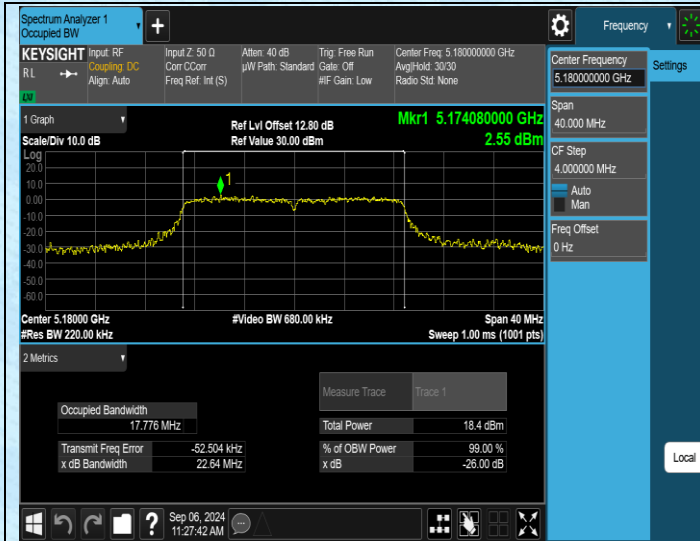
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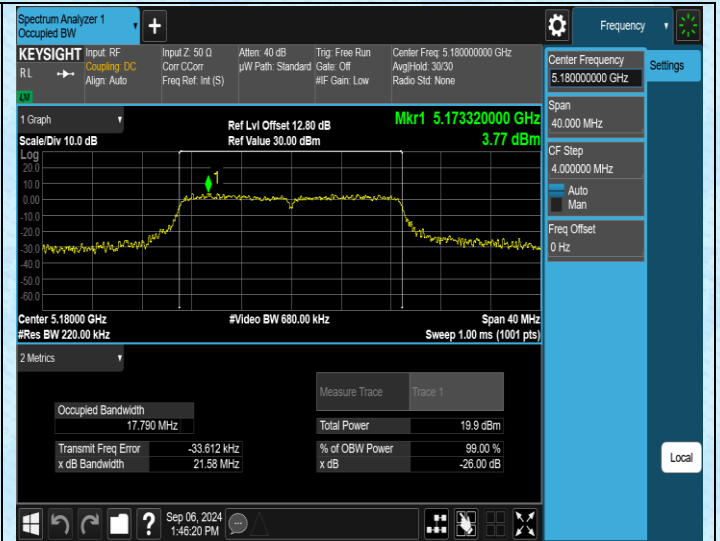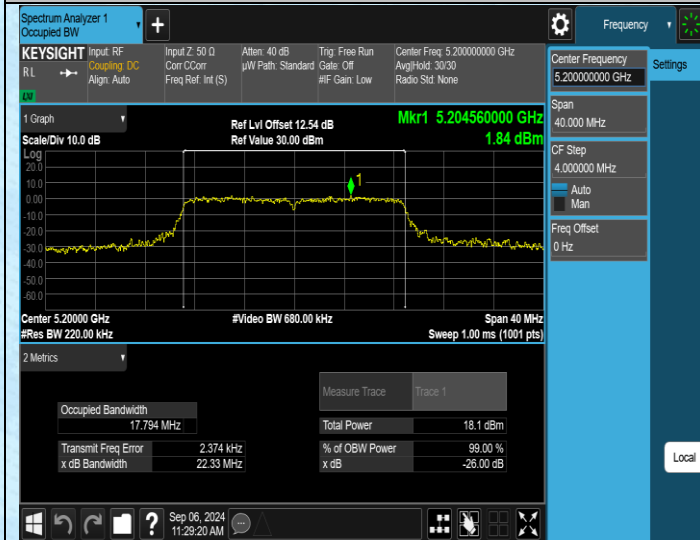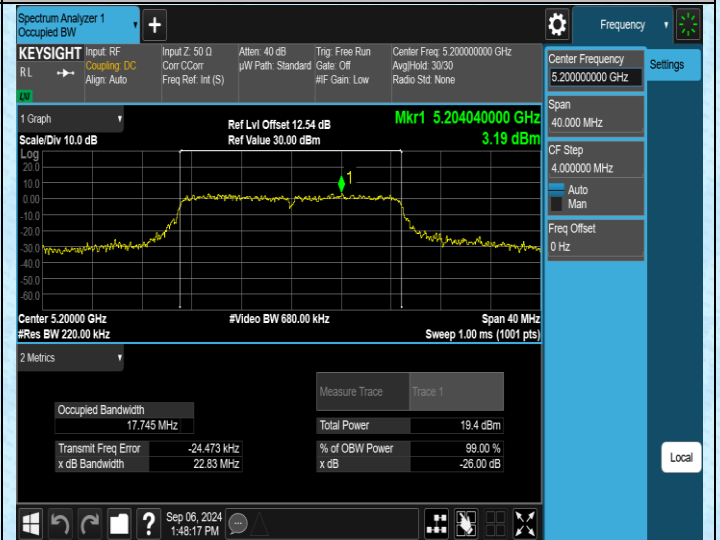
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11AC20SISO-Ant3-5200

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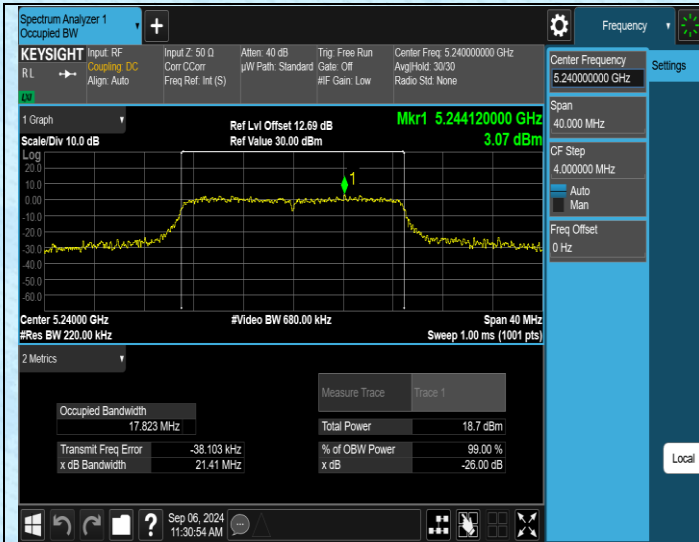
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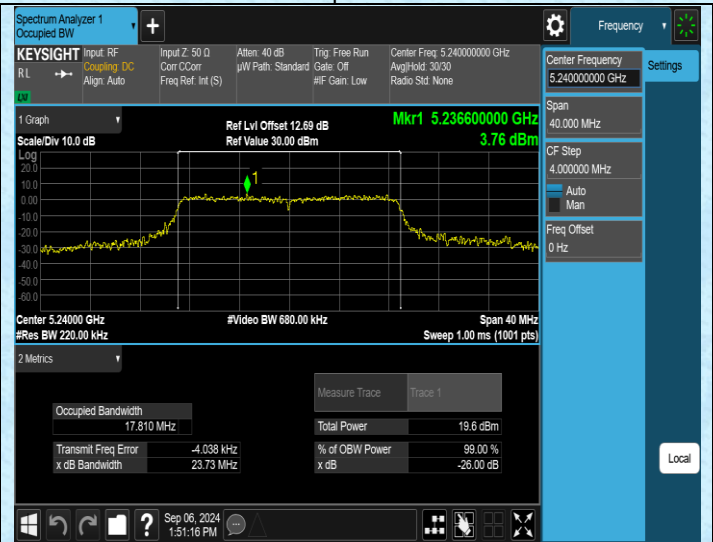
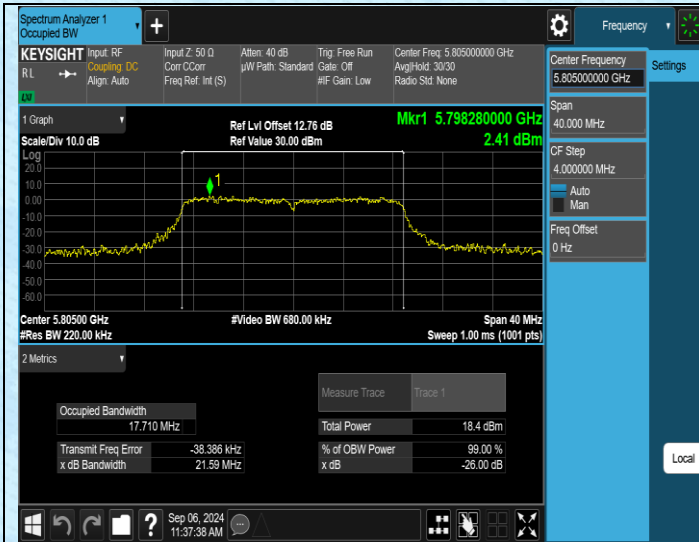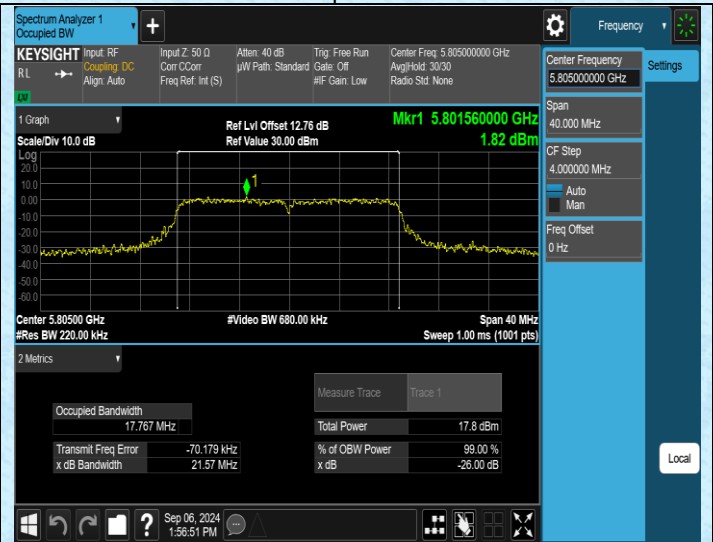11AC20SISO-Ant4-5240

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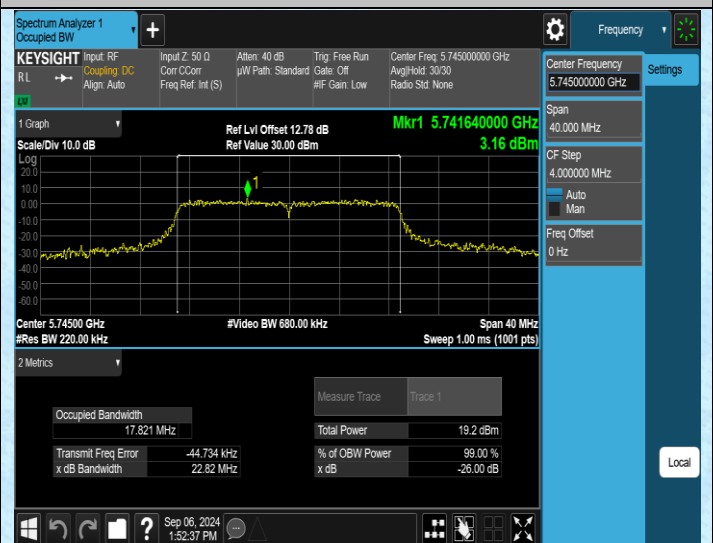
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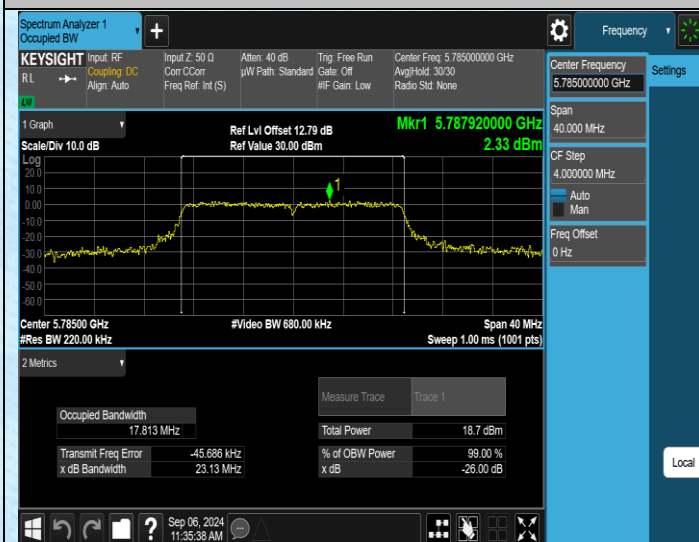
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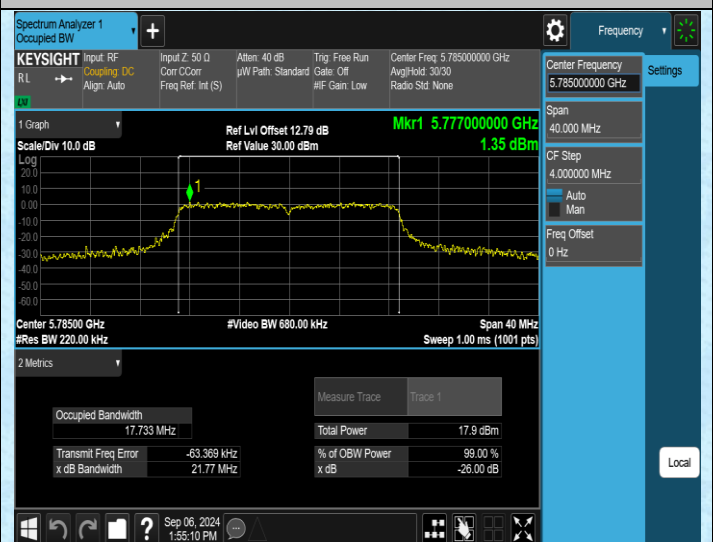
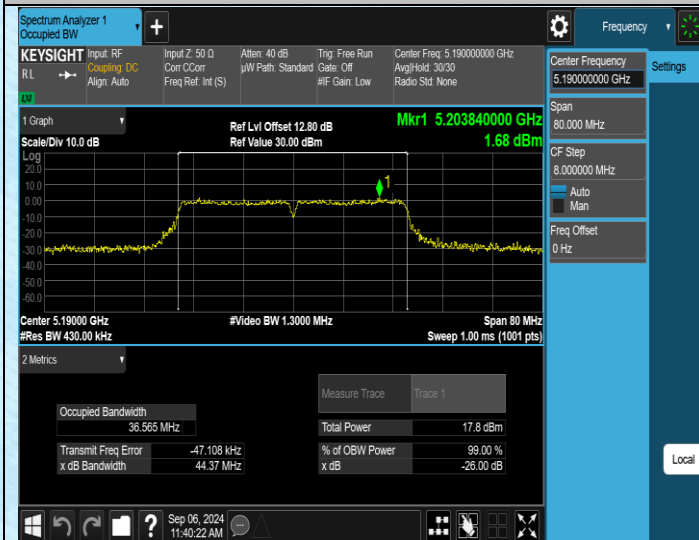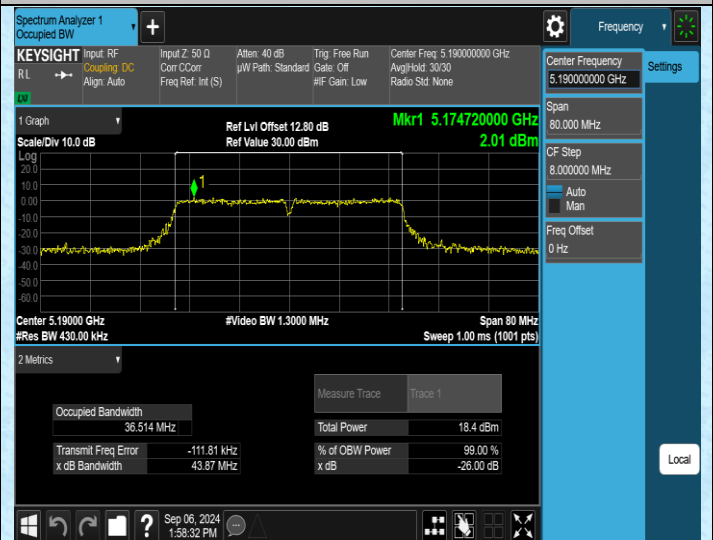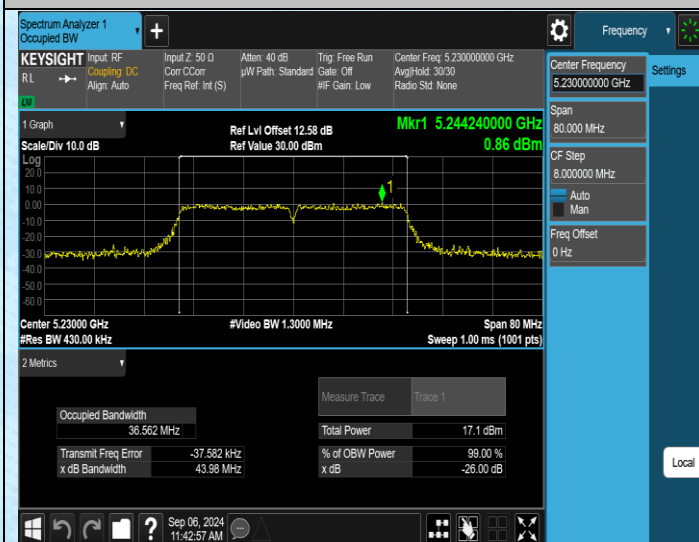11AC20SISO-Ant4-5785

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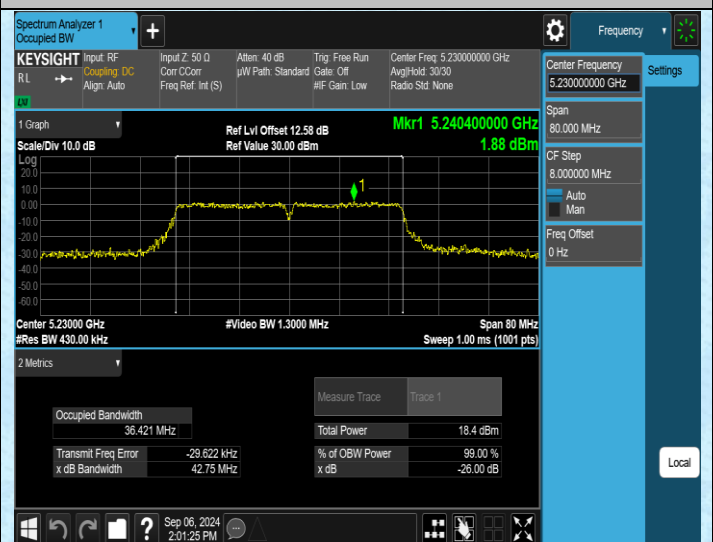

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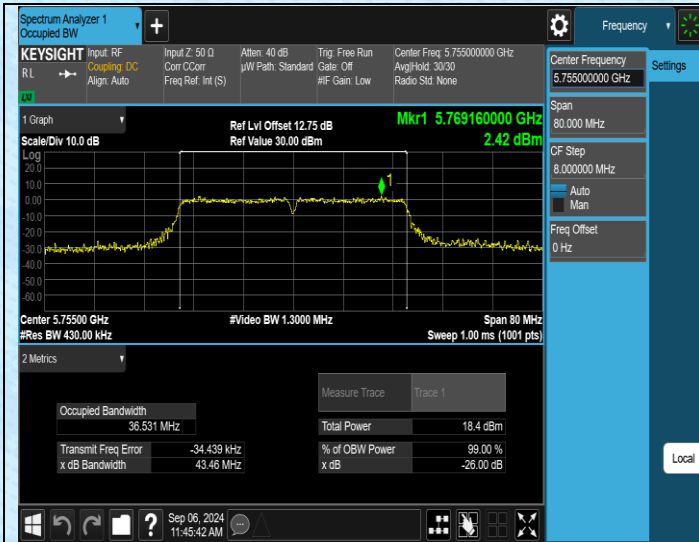

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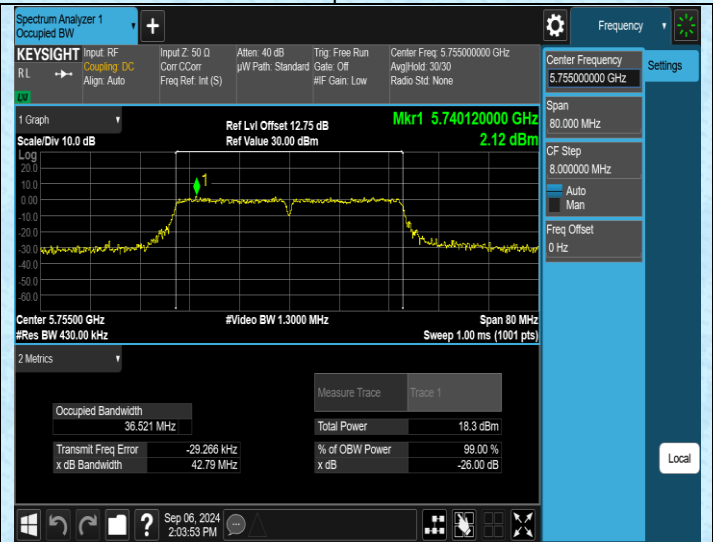
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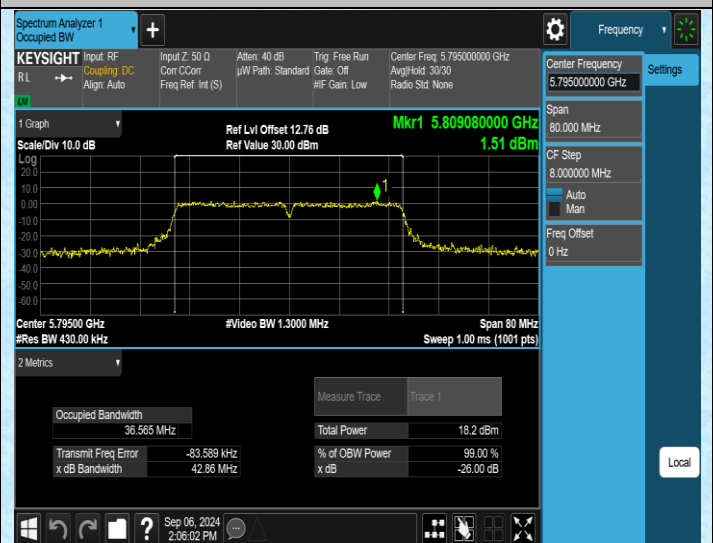

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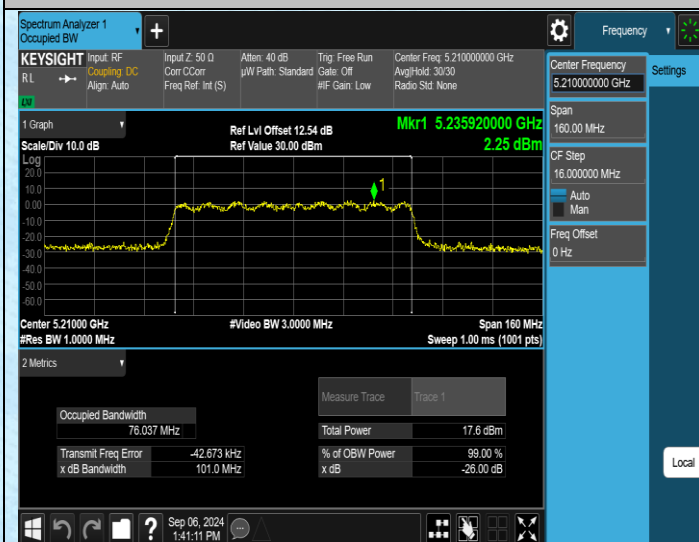

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11AC40SISO-Ant3-5755

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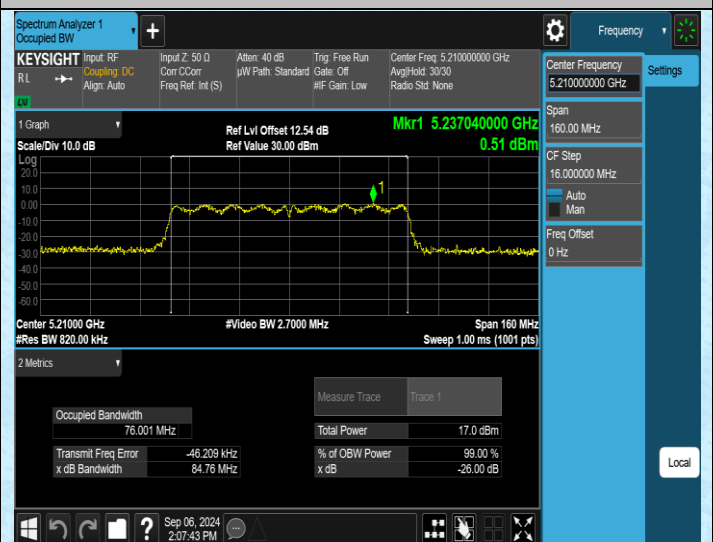

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11AC40SISO-Ant4-5795

11AC80SISO-Ant3-5210

11AC80SISO-Ant4-5210

11AC80SISO-Ant3-5775

11AC80SISO-Ant4-5775

11AC20MIMO-Ant3-5180

11AC20MIMO-Ant4-5180

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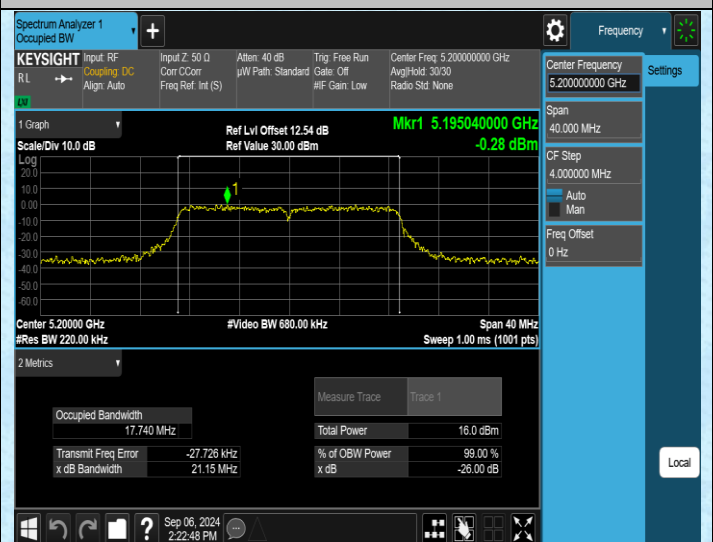
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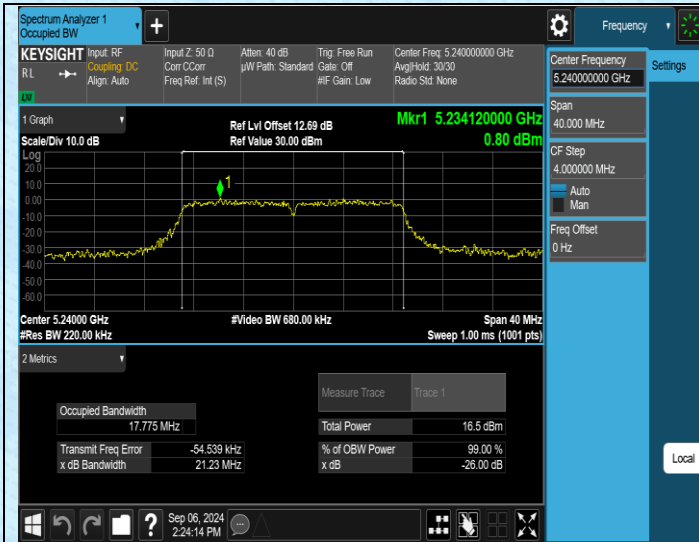
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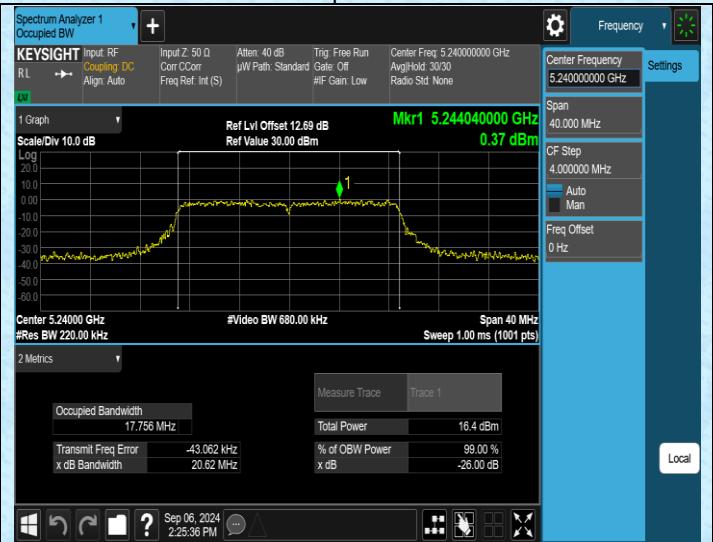
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11AC20MIMO-Ant4-5805

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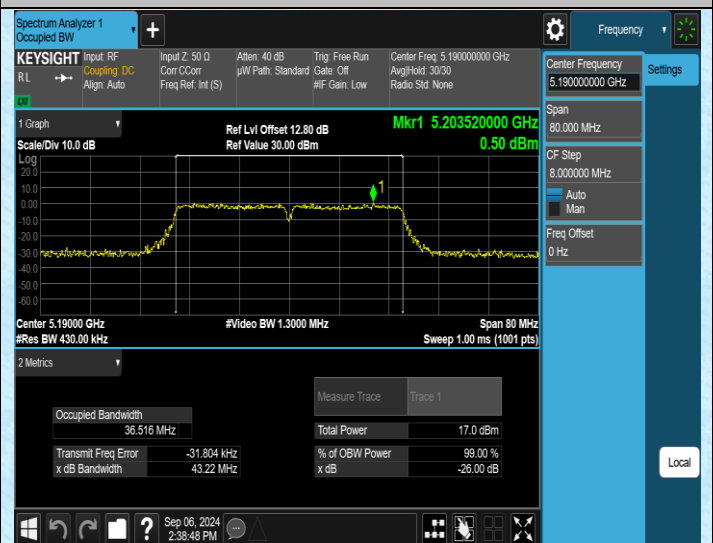
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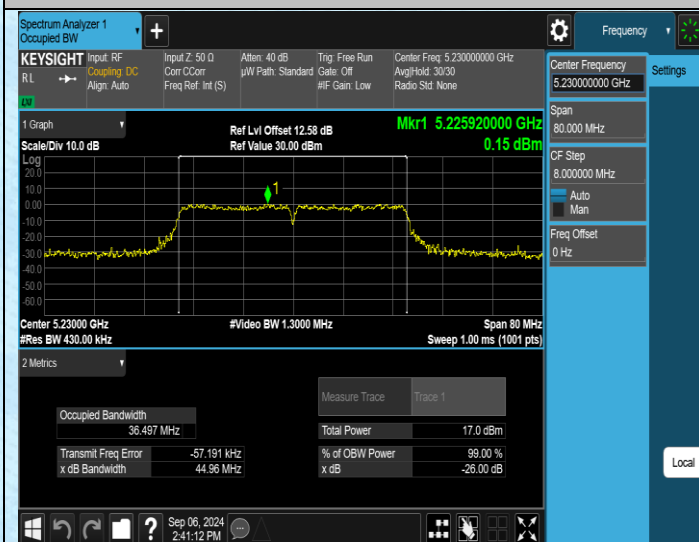
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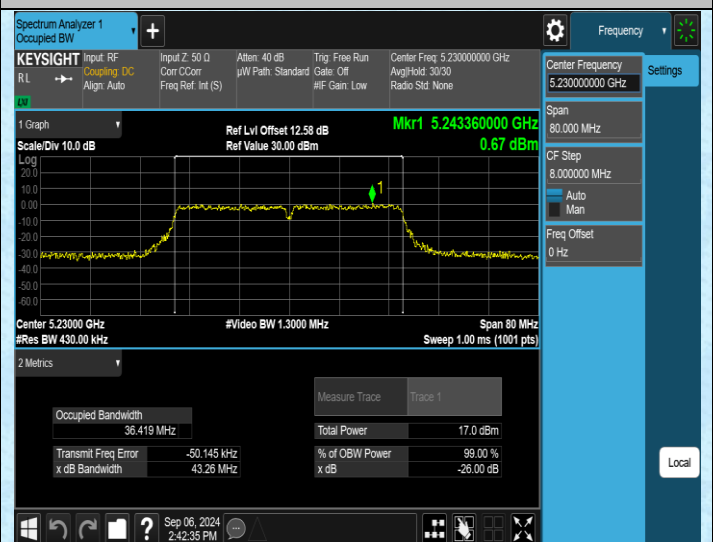
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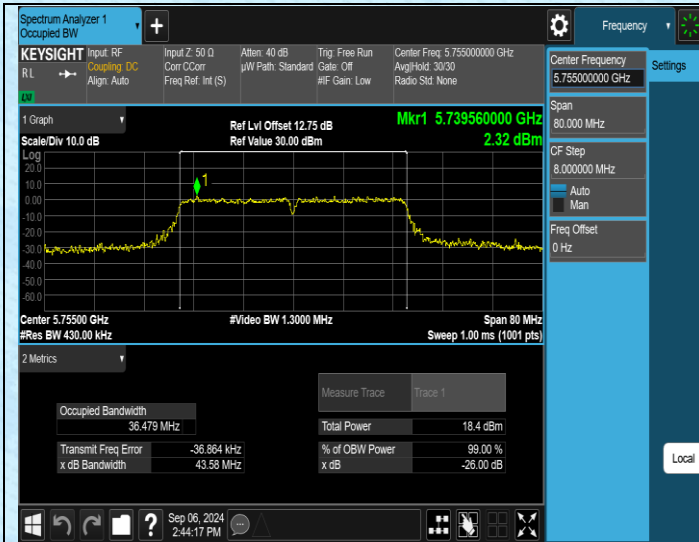
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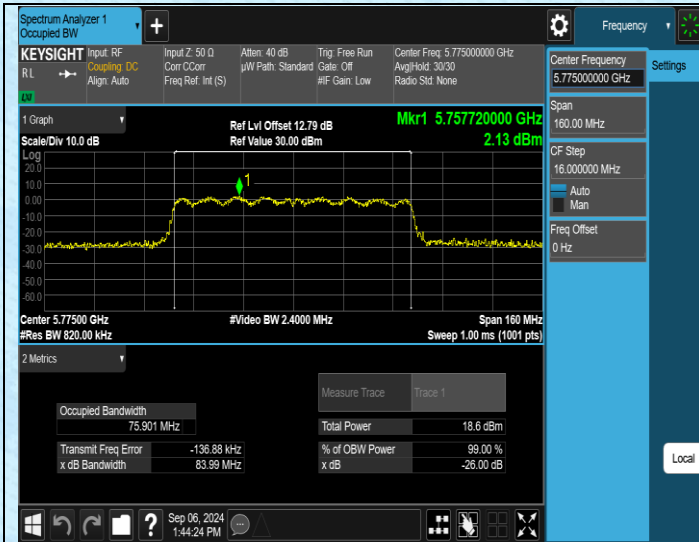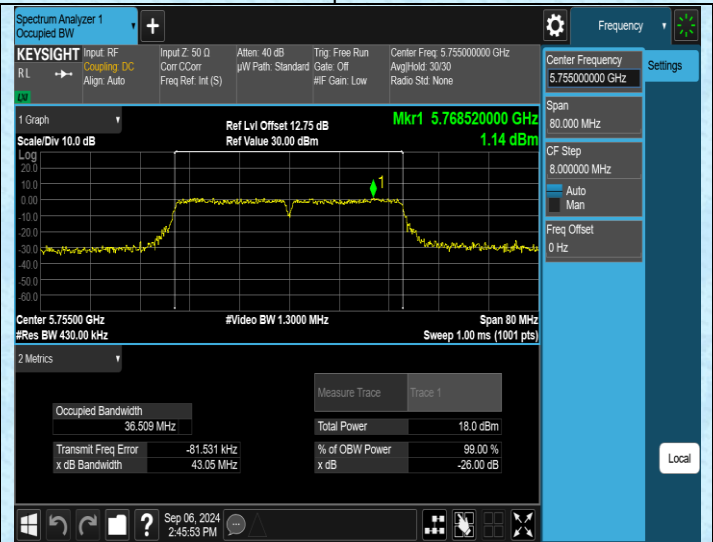

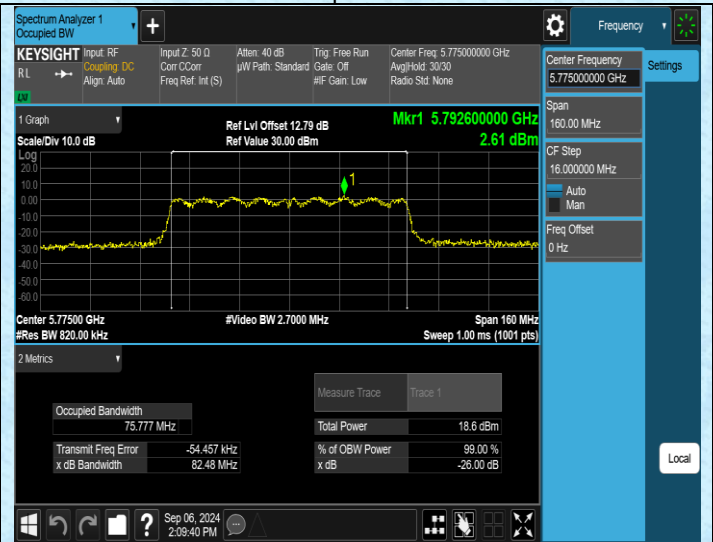11AC40MIMO-Ant4-5755
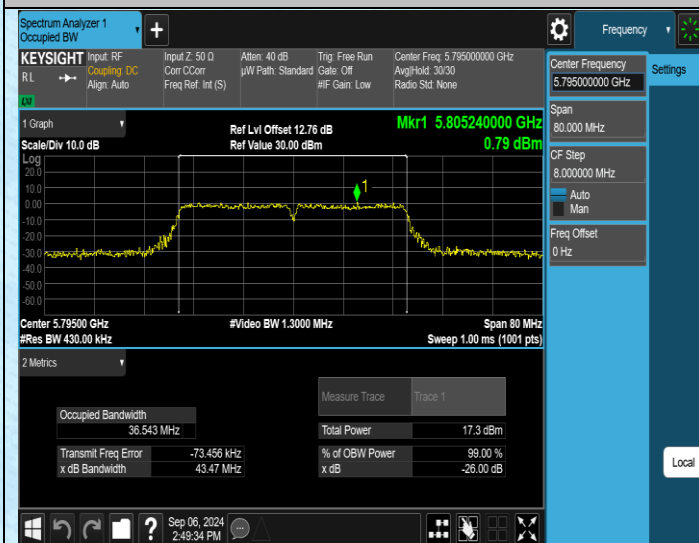
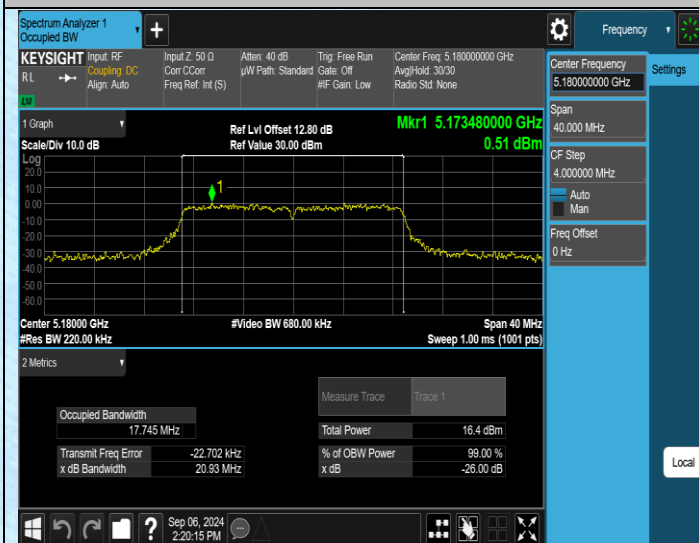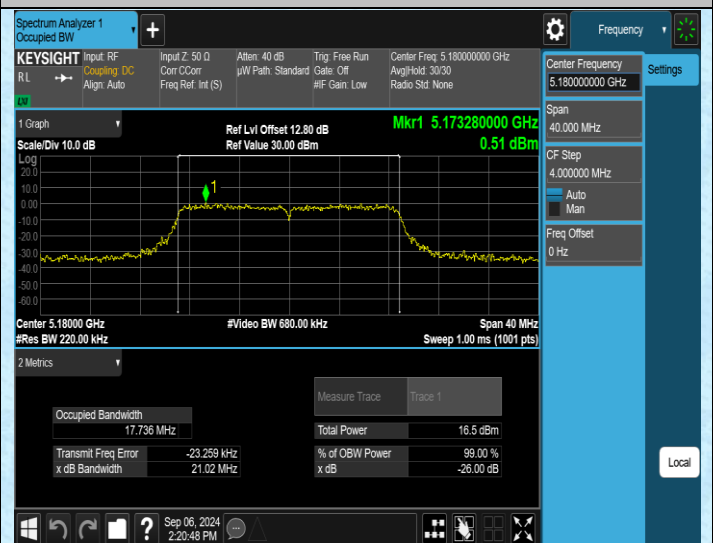11AC40MIMO-Ant3-5795
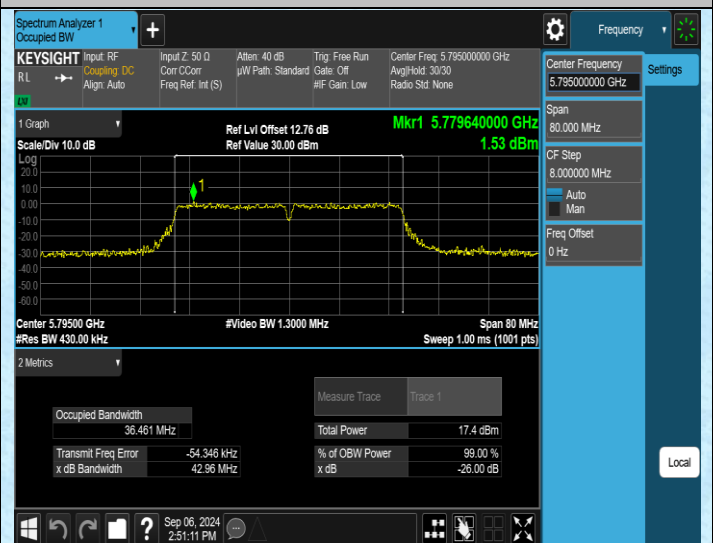
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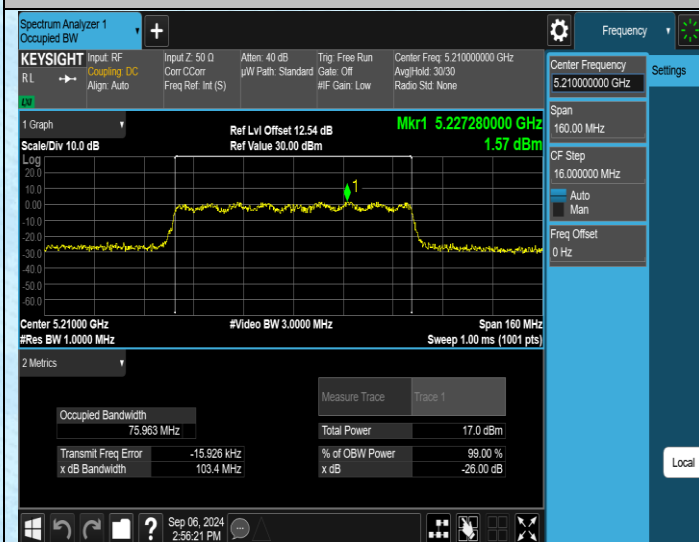
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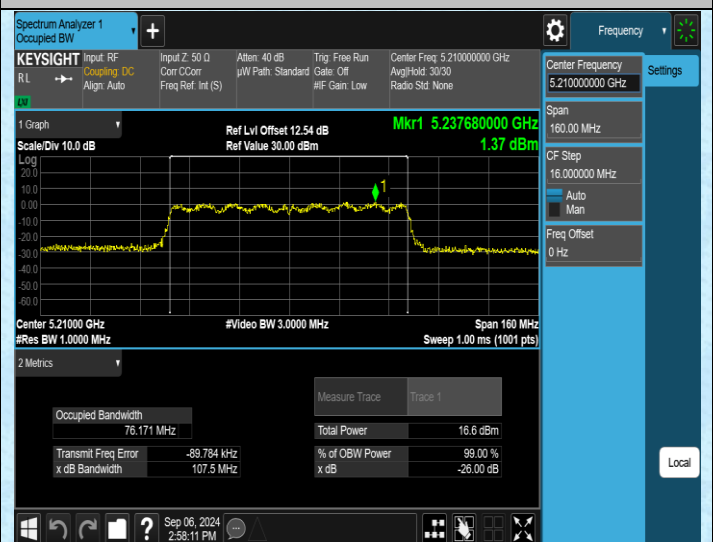
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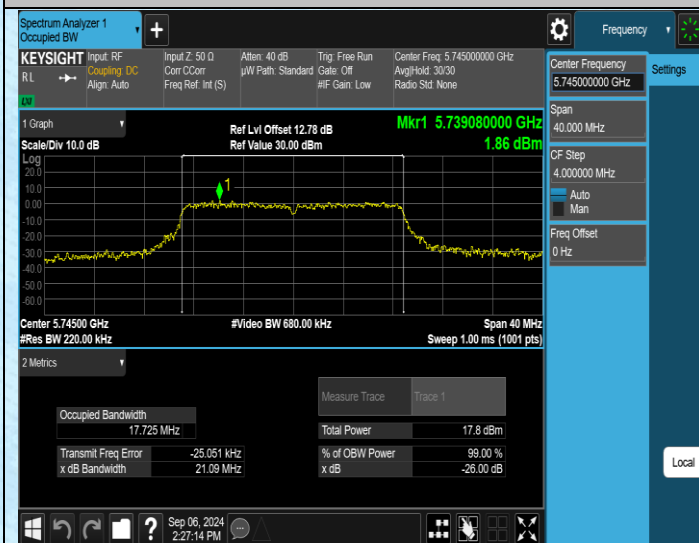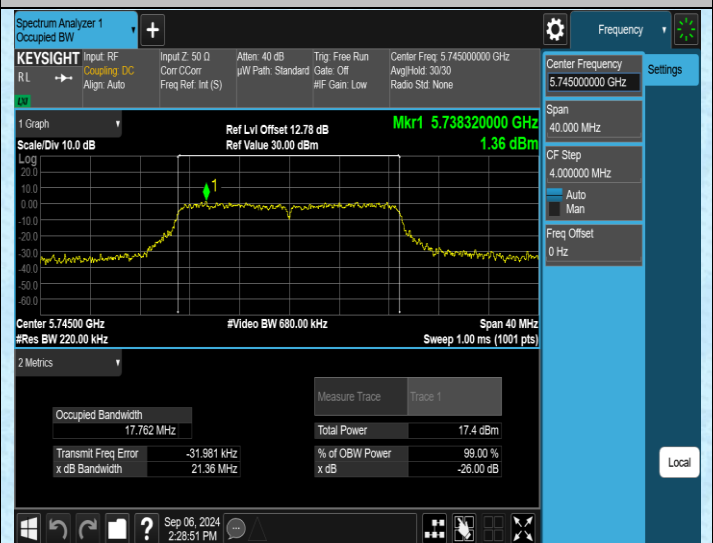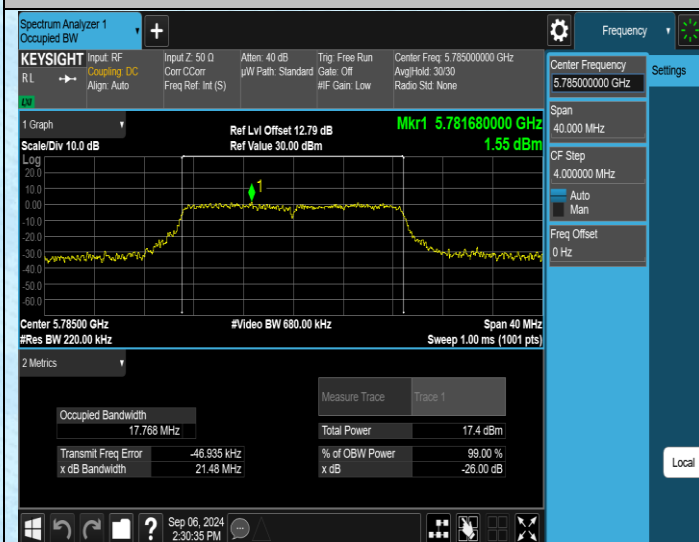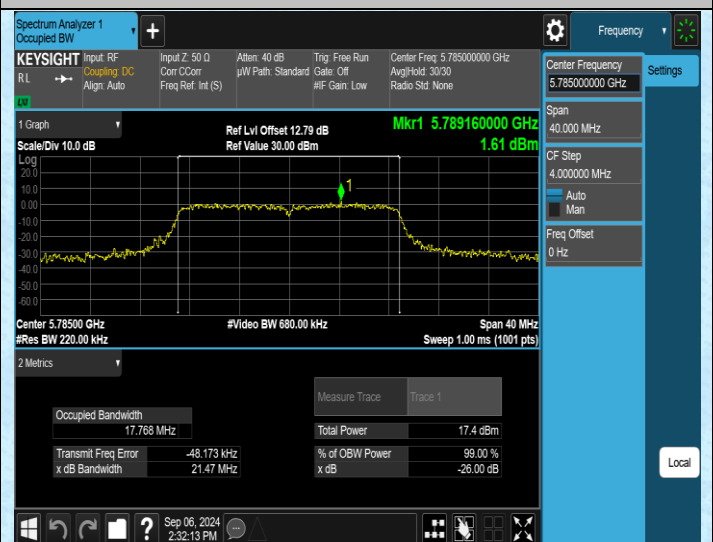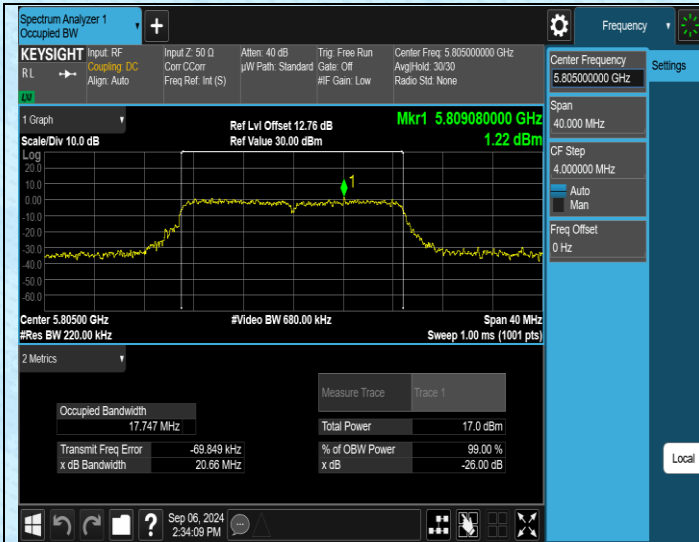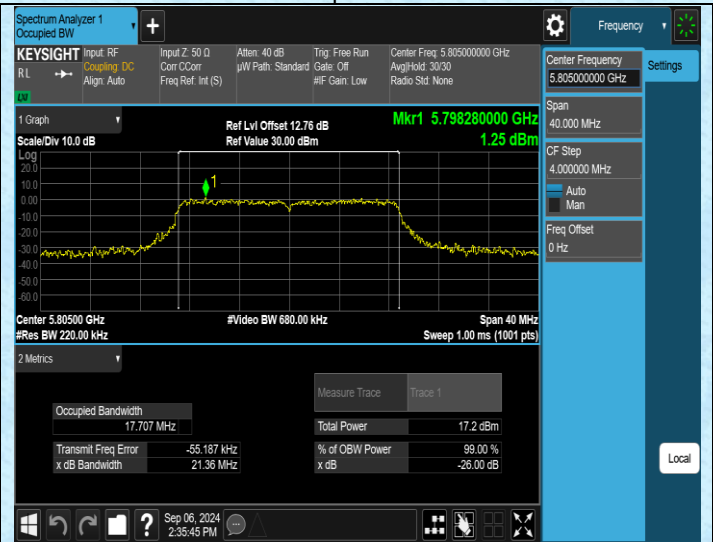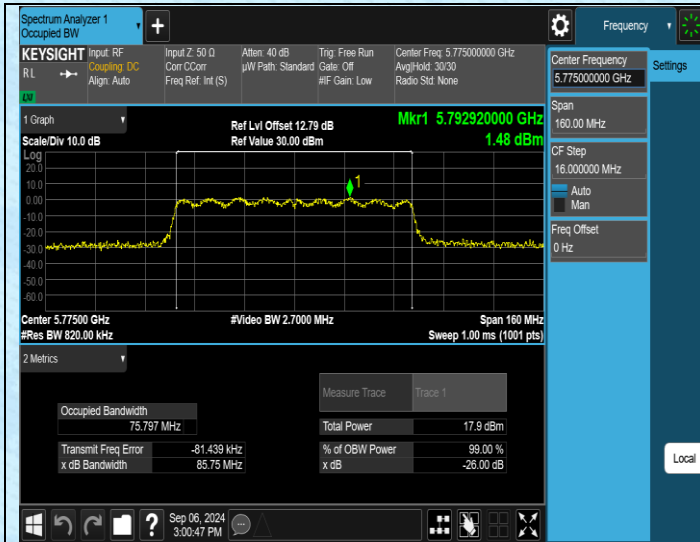
11AC80MIMO-Ant3-5775	11AC80MIMO-Ant4-5775

Left screen:

Spectrum Analyzer 1 / Occupied BW

KEYSIGHT — Input: RF, Coupling: DC, Align: Auto
Input Z: 50 Ω, Corr CCorr, Freq Ref: Int (S)
Atten: 40 dB, µW Path: Standard
Trig: Free Run, Gate: Off, #IF Gain: Low
Center Freq: 5.775000000 GHz, Avg|Hold: 30/30, Radio Std: None

1 Graph
Ref Lvl Offset 12.79 dB
Ref Value 30.00 dBm
Scale/Div 10.0 dB

Mkr1 5.792920000 GHz
1.48 dBm

Center 5.77500 GHz
#Res BW 820.00 kHz
#Video BW 2.7000 MHz
Span 160 MHz
Sweep 1.00 ms (1001 pts)

2 Metrics

Occupied Bandwidth — 75.797 MHz
Transmit Freq Error — -81.439 kHz
x dB Bandwidth — 85.75 MHz
Total Power — 17.9 dBm
% of OBW Power — 99.00 %
x dB — -26.00 dB

Center Frequency: 5.775000000 GHz
Span: 160.00 MHz
CF Step: 16.000000 MHz — Auto / Man
Freq Offset: 0 Hz
Settings / Local

Sep 06, 2024 / 3:00:47 PM

Right screen:

Spectrum Analyzer 1 / Occupied BW

KEYSIGHT — Input: RF, Coupling: DC, Align: Auto
Input Z: 50 Ω, Corr CCorr, Freq Ref: Int (S)
Atten: 40 dB, µW Path: Standard
Trig: Free Run, Gate: Off, #IF Gain: Low
Center Freq: 5.775000000 GHz, Avg|Hold: 30/30, Radio Std: None

1 Graph
Ref Lvl Offset 12.79 dB
Ref Value 30.00 dBm
Scale/Div 10.0 dB

Mkr1 5.756120000 GHz
1.78 dBm

Center 5.77500 GHz
#Res BW 820.00 kHz
#Video BW 2.7000 MHz
Span 160 MHz
Sweep 1.00 ms (1001 pts)

2 Metrics

Occupied Bandwidth — 75.944 MHz
Transmit Freq Error — -77.796 kHz
x dB Bandwidth — 83.14 MHz
Total Power — 17.9 dBm
% of OBW Power — 99.00 %
x dB — -26.00 dB

Center Frequency: 5.775000000 GHz
Span: 160.00 MHz
CF Step: 16.000000 MHz — Auto / Man
Freq Offset: 0 Hz
Settings / Local

Sep 06, 2024 / 3:02:22 PM

AppendixA2: Occupied channel bandwidth

Test Result

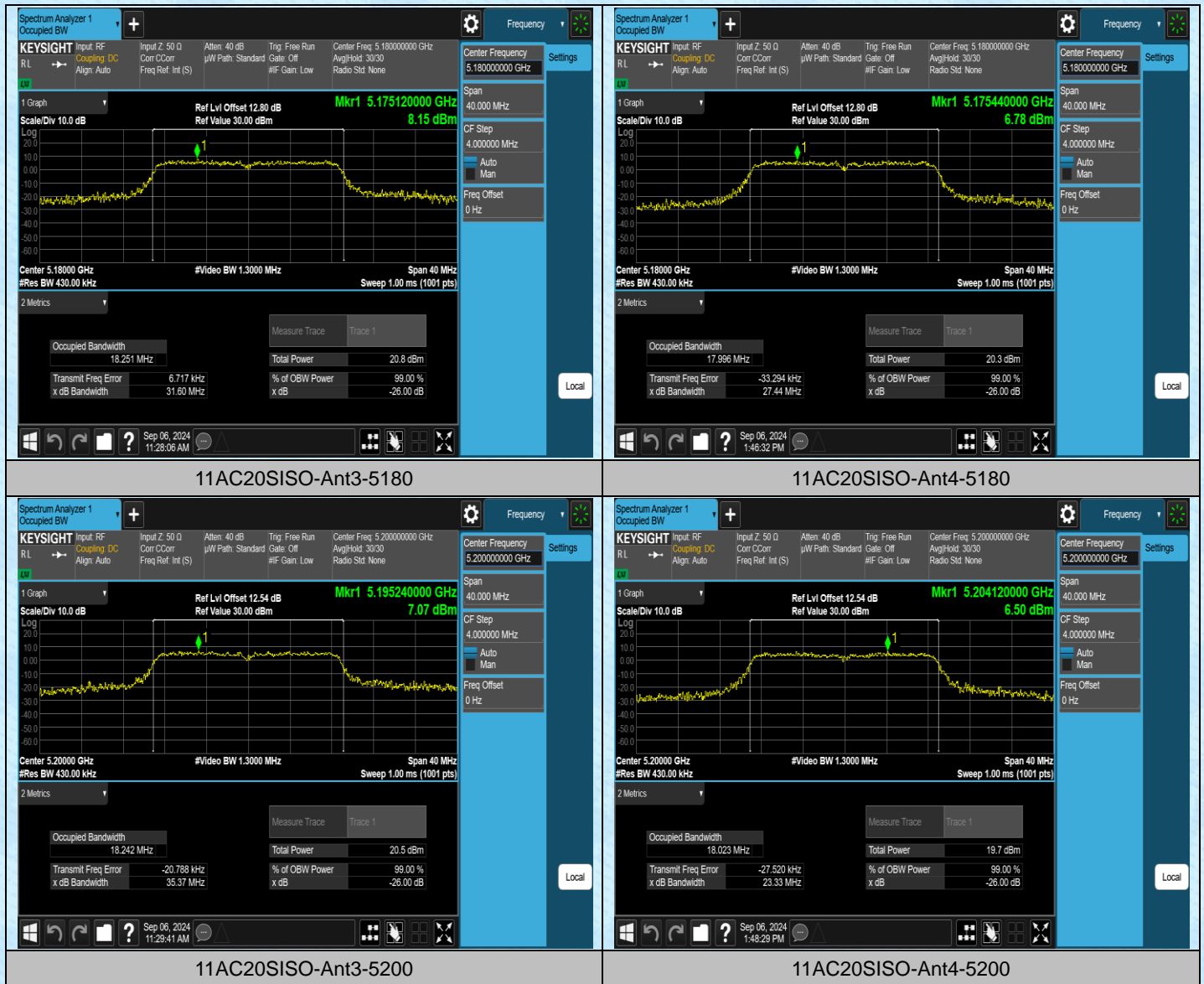| Test Mode	Antenna	Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC20SISO	Ant3	5180	MCS0	18.251	5170.8812	5189.1322	---	---
11AC20SISO	Ant4	5180	MCS0	17.996	5170.9687	5188.9647	---	---
11AC20SISO	Ant3	5200	MCS0	18.242	5190.8582	5209.1002	---	---
11AC20SISO	Ant4	5200	MCS0	18.023	5190.9610	5208.9840	---	---
11AC20SISO	Ant3	5240	MCS0	18.365	5230.8241	5249.1891	---	---
11AC20SISO	Ant4	5240	MCS0	18.097	5230.9544	5249.0514	---	---
11AC20SISO	Ant3	5745	MCS0	18.483	5735.8365	5754.3195	---	---
11AC20SISO	Ant4	5745	MCS0	18.244	5735.8501	5754.0941	---	---
11AC20SISO	Ant3	5785	MCS0	18.234	5775.8310	5794.0650	---	---
11AC20SISO	Ant4	5785	MCS0	18.248	5775.8734	5794.1214	---	---
11AC20SISO	Ant3	5805	MCS0	18.044	5795.9195	5813.9635	---	---
11AC20SISO	Ant4	5805	MCS0	18.165	5795.8790	5814.0440	---	---
11AC40SISO	Ant3	5190	MCS0	36.919	5171.5556	5208.4746	---	---
11AC40SISO	Ant4	5190	MCS0	36.698	5171.5718	5208.2698	---	---
11AC40SISO	Ant3	5230	MCS0	37.204	5211.4642	5248.6682	---	---
11AC40SISO	Ant4	5230	MCS0	36.765	5211.5503	5248.3153	---	---
11AC40SISO	Ant3	5755	MCS0	37.172	5736.4752	5773.6472	---	---
11AC40SISO	Ant4	5755	MCS0	37.116	5736.5543	5773.6703	---	---
11AC40SISO	Ant3	5795	MCS0	37.003	5776.3822	5813.3852	---	---
11AC40SISO	Ant4	5795	MCS0	37.281	5776.2675	5813.5485	---	---
11AC80SISO	Ant3	5210	MCS0	76.668	5171.5889	5248.2569	---	---
11AC80SISO	Ant4	5210	MCS0	76.310	5171.7647	5248.0747	---	---
11AC80SISO	Ant3	5775	MCS0	76.322	5736.7347	5813.0567	---	---
11AC80SISO	Ant4	5775	MCS0	76.409	5736.7898	5813.1988	---	---
11AC20MIMO	Ant3	5180	MCS0	18.001	5170.9777	5188.9787	---	---
11AC20MIMO	Ant4	5180	MCS0	17.957	5170.9900	5188.9470	---	---
11AC20MIMO	Ant3	5200	MCS0	17.975	5190.9765	5208.9515	---	---
11AC20MIMO	Ant4	5200	MCS0	17.974	5190.9703	5208.9443	---	---
11AC20MIMO	Ant3	5240	MCS0	17.940	5231.0356	5248.9756	---	---
11AC20MIMO	Ant4	5240	MCS0	17.933	5230.9983	5248.9313	---	---
11AC20MIMO	Ant3	5745	MCS0	17.969	5735.9593	5753.9283	---	---
11AC20MIMO	Ant4	5745	MCS0	17.937	5735.9579	5753.8949	---	---
11AC20MIMO	Ant3	5785	MCS0	17.961	5775.9463	5793.9073	---	---
11AC20MIMO	Ant4	5785	MCS0	17.949	5775.9856	5793.9346	---	---
11AC20MIMO	Ant3	5805	MCS0	18.047	5795.9011	5813.9481	---	---
11AC20MIMO	Ant4	5805	MCS0	17.988	5795.9317	5813.9197	---	---
11AC40MIMO	Ant3	5190	MCS0	36.812	5171.5930	5208.4050	---	---
11AC40MIMO	Ant4	5190	MCS0	36.896	5171.5569	5208.4529	---	---
11AC40MIMO	Ant3	5230	MCS0	36.779	5211.5639	5248.3429	---	---
11AC40MIMO	Ant4	5230	MCS0	36.612	5211.6349	5248.2469	---	---
11AC40MIMO	Ant3	5755	MCS0	36.912	5736.5372	5773.4492	---	---

11AC40MIMO	Ant4	5755	MCS0	36.837	5736.4696	5773.3066	---	---
11AC40MIMO	Ant3	5795	MCS0	36.820	5776.4439	5813.2639	---	---
11AC40MIMO	Ant4	5795	MCS0	36.799	5776.4784	5813.2774	---	---
11AC80MIMO	Ant3	5210	MCS0	76.343	5171.7318	5248.0748	---	---
11AC80MIMO	Ant4	5210	MCS0	76.451	5171.6387	5248.0897	---	---
11AC80MIMO	Ant3	5775	MCS0	76.063	5736.8460	5812.9090	---	---
11AC80MIMO	Ant4	5775	MCS0	76.175	5736.8803	5813.0553	---	---

Test Graphs

11AC20SISO-Ant3-5180

11AC20SISO-Ant4-5180

11AC20SISO-Ant3-5200

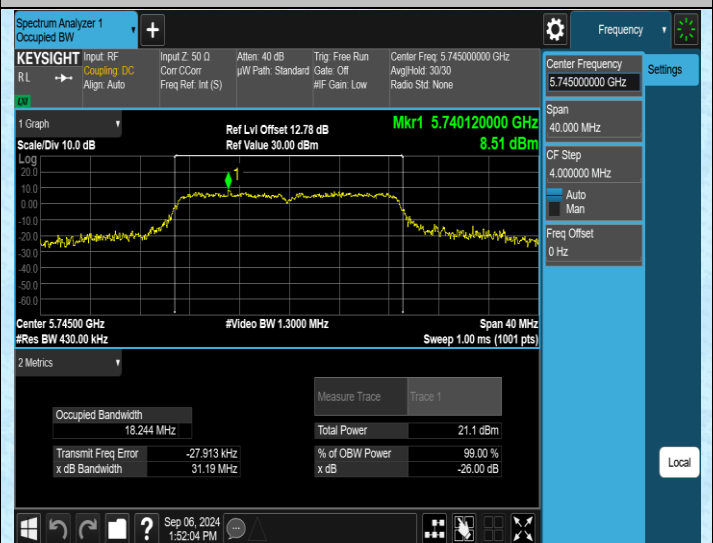11AC20SISO-Ant4-5200

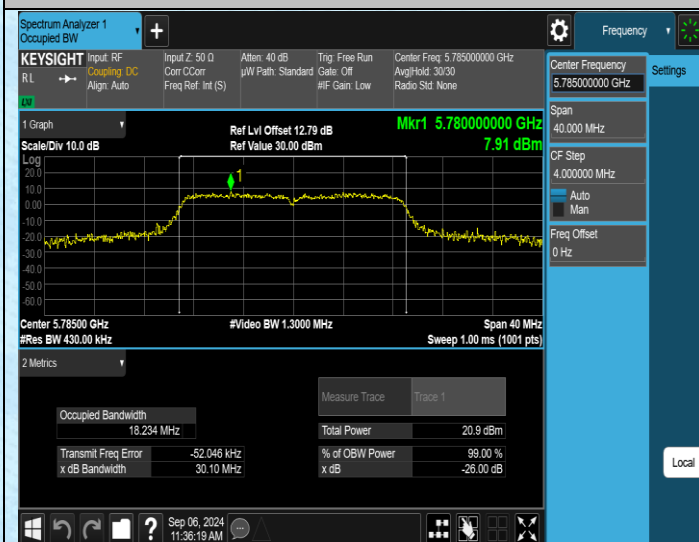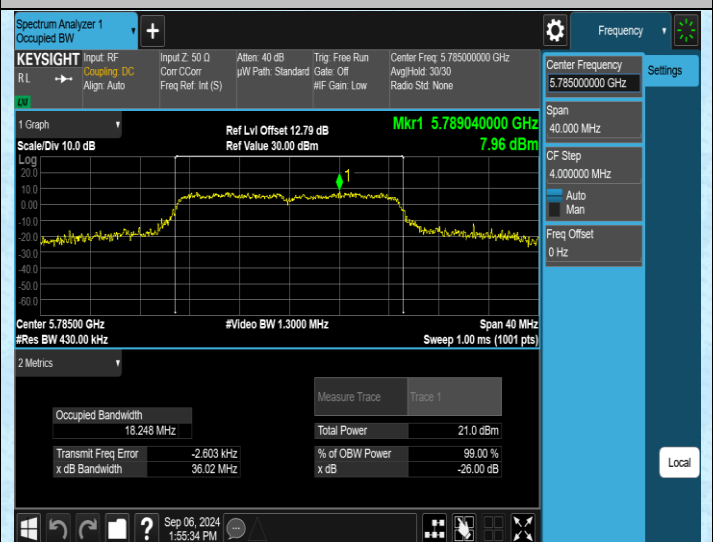|	
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