

3.3 Spectrum Bandwidth

3.3.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
15.407(e)	26 dB Bandwidth	-	5470-5725
	26 dB Bandwidth	-	5725-5850
	6 dB Bandwidth	Minimum 500 kHz	5725-5850

3.3.2 Test Procedure

Test Method	
<input checked="" type="radio"/> Conducted Measurement	<input type="radio"/> Radiated Measurement
Test Channels	
<input checked="" type="radio"/> Lowest, Middle and Highest Channel	<input type="radio"/> Lowest and Highest Channel
Environmental conditions	
<input checked="" type="radio"/> Normal	<input type="radio"/> Normal and Extreme
Note: <input checked="" type="radio"/> :Test <input type="radio"/> :No Test	

a) The EUT was directly connected to the tonscend test system and antenna output port as show in the block diagram below.

b) the spectrum analyser is set as follow:

For 26 dB Bandwidth

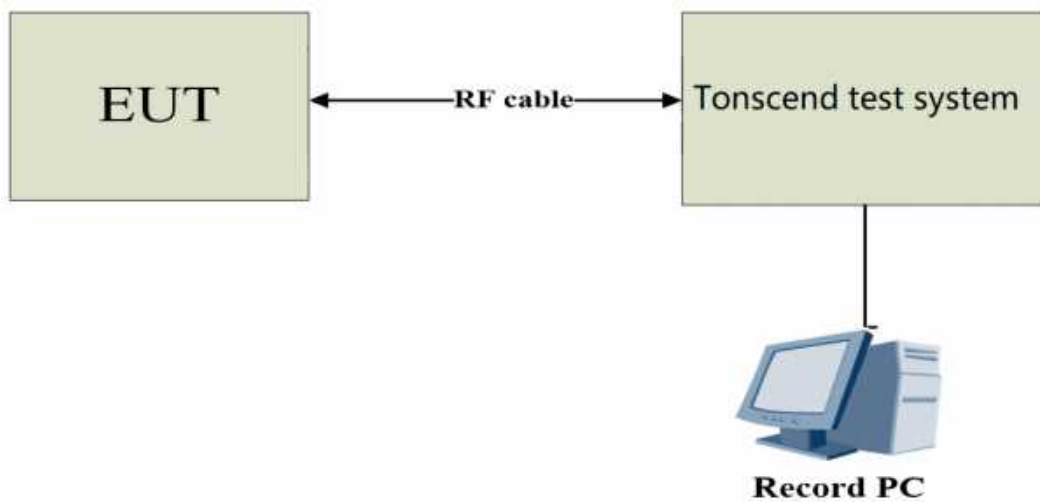
Centre Frequency	The centre frequency of the channel under test
RBW	$\geq 1\% \times$ Nominal Channel Bandwidth
VBW	$\geq 3 \times$ RBW
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

For 6 dB Bandwidth

Centre Frequency	The centre frequency of the channel under test
RBW	100 kHz
VBW	300 kHz
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

- c) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.
- d) Use the -26/-6dB bandwidth function of the spectrum analyser to measure the -26/-6dB Bandwidth of the EUT. This value shall be recorded.
- e) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

3.3.3 Test Setup



3.3.4 Test Result

26 dB Bandwidth

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	21.200	5169.400	5190.600	---	---
	Ant2	5180	21.240	5169.320	5190.560	---	---
	Ant3	5180	21.160	5169.280	5190.440	---	---
	Ant4	5180	21.480	5169.080	5190.560	---	---
	Ant1	5200	21.400	5189.200	5210.600	---	---
	Ant2	5200	21.280	5189.520	5210.800	---	---
	Ant3	5200	21.280	5189.280	5210.560	---	---
	Ant4	5200	21.320	5189.360	5210.680	---	---
	Ant1	5240	21.080	5229.360	5250.440	---	---
	Ant2	5240	21.280	5229.280	5250.560	---	---
	Ant3	5240	21.160	5229.320	5250.480	---	---
	Ant4	5240	21.200	5229.440	5250.640	---	---
	Ant1	5260	21.320	5249.360	5270.680	---	---
	Ant2	5260	21.240	5249.440	5270.680	---	---
	Ant3	5260	21.360	5249.280	5270.640	---	---
	Ant4	5260	21.240	5249.280	5270.520	---	---
	Ant1	5300	21.120	5289.360	5310.480	---	---
	Ant2	5300	21.280	5289.280	5310.560	---	---
	Ant3	5300	21.240	5289.400	5310.640	---	---
	Ant4	5300	21.040	5289.320	5310.360	---	---
	Ant1	5320	21.440	5309.200	5330.640	---	---
	Ant2	5320	21.280	5309.320	5330.600	---	---
	Ant3	5320	20.960	5309.440	5330.400	---	---
	Ant4	5320	21.080	5309.320	5330.400	---	---
	Ant1	5500	21.320	5489.320	5510.640	---	---
	Ant2	5500	21.040	5489.520	5510.560	---	---
	Ant3	5500	21.160	5489.240	5510.400	---	---
	Ant4	5500	20.880	5489.480	5510.360	---	---
	Ant1	5580	21.360	5569.320	5590.680	---	---
	Ant2	5580	21.000	5569.520	5590.520	---	---
	Ant3	5580	21.440	5569.160	5590.600	---	---
	Ant4	5580	21.120	5569.400	5590.520	---	---
Ant1	5700	21.320	5689.320	5710.640	---	---	
Ant2	5700	21.280	5689.360	5710.640	---	---	
Ant3	5700	21.360	5689.440	5710.800	---	---	
Ant4	5700	21.160	5689.400	5710.560	---	---	

11N20MIMO- Beamforming	Ant1	5180	21.520	5169.200	5190.720	---	---
	Ant2	5180	21.360	5169.200	5190.560	---	---
	Ant3	5180	21.320	5169.360	5190.680	---	---
	Ant4	5180	21.280	5169.240	5190.520	---	---
	Ant1	5200	21.600	5189.040	5210.640	---	---
	Ant2	5200	21.560	5189.200	5210.760	---	---
	Ant3	5200	21.520	5189.200	5210.720	---	---
	Ant4	5200	21.160	5189.400	5210.560	---	---
	Ant1	5240	21.480	5229.120	5250.600	---	---
	Ant2	5240	21.280	5229.320	5250.600	---	---
	Ant3	5240	21.440	5229.360	5250.800	---	---
	Ant4	5240	21.640	5229.000	5250.640	---	---
	Ant1	5260	21.560	5249.040	5270.600	---	---
	Ant2	5260	21.520	5249.160	5270.680	---	---
	Ant3	5260	21.520	5249.240	5270.760	---	---
	Ant4	5260	21.120	5249.320	5270.440	---	---
	Ant1	5300	21.480	5289.240	5310.720	---	---
	Ant2	5300	21.400	5289.280	5310.680	---	---
	Ant3	5300	21.400	5289.240	5310.640	---	---
	Ant4	5300	21.280	5289.320	5310.600	---	---
	Ant1	5320	21.440	5309.320	5330.760	---	---
	Ant2	5320	21.360	5309.280	5330.640	---	---
	Ant3	5320	21.280	5309.320	5330.600	---	---
	Ant4	5320	21.480	5309.160	5330.640	---	---
	Ant1	5500	21.400	5489.200	5510.600	---	---
	Ant2	5500	21.120	5489.400	5510.520	---	---
	Ant3	5500	21.240	5489.440	5510.680	---	---
	Ant4	5500	21.360	5489.320	5510.680	---	---
	Ant1	5580	21.360	5569.400	5590.760	---	---
	Ant2	5580	21.520	5569.240	5590.760	---	---
	Ant3	5580	21.680	5569.000	5590.680	---	---
	Ant4	5580	21.480	5569.200	5590.680	---	---
Ant1	5700	21.760	5688.960	5710.720	---	---	
Ant2	5700	21.440	5689.200	5710.640	---	---	
Ant3	5700	21.240	5689.280	5710.520	---	---	
Ant4	5700	21.320	5689.280	5710.600	---	---	
11N40MIMO- Beamforming	Ant1	5190	39.440	5170.160	5209.600	---	---
	Ant2	5190	39.520	5170.160	5209.680	---	---
	Ant3	5190	39.520	5170.160	5209.680	---	---
	Ant4	5190	39.680	5170.080	5209.760	---	---
	Ant1	5230	39.680	5210.160	5249.840	---	---

	Ant2	5230	39.760	5209.920	5249.680	---	---
	Ant3	5230	40.080	5210.000	5250.080	---	---
	Ant4	5230	40.320	5209.840	5250.160	---	---
	Ant1	5270	40.000	5250.000	5290.000	---	---
	Ant2	5270	39.520	5250.160	5289.680	---	---
	Ant3	5270	39.760	5250.240	5290.000	---	---
	Ant4	5270	40.000	5250.000	5290.000	---	---
	Ant1	5310	39.680	5290.080	5329.760	---	---
	Ant2	5310	39.760	5290.000	5329.760	---	---
	Ant3	5310	39.600	5290.080	5329.680	---	---
	Ant4	5310	39.600	5290.240	5329.840	---	---
	Ant1	5510	39.360	5490.320	5529.680	---	---
	Ant2	5510	40.240	5489.840	5530.080	---	---
	Ant3	5510	39.520	5490.160	5529.680	---	---
	Ant4	5510	39.520	5490.240	5529.760	---	---
	Ant1	5550	40.000	5529.760	5569.760	---	---
	Ant2	5550	39.520	5530.080	5569.600	---	---
	Ant3	5550	39.360	5530.160	5569.520	---	---
	Ant4	5550	39.520	5530.160	5569.680	---	---
	11AC20MIMO- Beamforming	Ant1	5670	39.200	5650.560	5689.760	---
Ant2		5670	39.600	5650.160	5689.760	---	---
Ant3		5670	39.840	5650.160	5690.000	---	---
Ant4		5670	40.000	5649.920	5689.920	---	---
Ant1		5180	21.400	5169.240	5190.640	---	---
Ant2		5180	21.440	5169.240	5190.680	---	---
Ant3		5180	21.600	5169.080	5190.680	---	---
Ant4		5180	21.360	5169.240	5190.600	---	---
Ant1		5200	21.440	5189.160	5210.600	---	---
Ant2		5200	21.400	5189.240	5210.640	---	---
Ant3		5200	21.480	5189.160	5210.640	---	---
Ant4		5200	21.520	5189.200	5210.720	---	---
Ant1		5240	21.520	5229.160	5250.680	---	---
Ant2		5240	21.480	5229.280	5250.760	---	---
Ant3		5240	21.600	5229.120	5250.720	---	---
Ant4		5240	21.640	5229.120	5250.760	---	---
Ant1		5260	21.280	5249.320	5270.600	---	---
Ant2		5260	21.280	5249.280	5270.560	---	---
Ant3		5260	21.360	5249.240	5270.600	---	---
Ant4		5260	21.240	5249.360	5270.600	---	---
Ant1	5300	21.120	5289.360	5310.480	---	---	
Ant2	5300	21.160	5289.320	5310.480	---	---	

	Ant3	5300	21.280	5289.360	5310.640	---	---
	Ant4	5300	21.440	5289.280	5310.720	---	---
	Ant1	5320	21.480	5309.200	5330.680	---	---
	Ant2	5320	21.360	5309.320	5330.680	---	---
	Ant3	5320	21.320	5309.320	5330.640	---	---
	Ant4	5320	21.720	5309.080	5330.800	---	---
	Ant1	5500	21.480	5489.160	5510.640	---	---
	Ant2	5500	21.880	5488.960	5510.840	---	---
	Ant3	5500	21.360	5489.320	5510.680	---	---
	Ant4	5500	21.440	5489.160	5510.600	---	---
	Ant1	5580	21.440	5569.200	5590.640	---	---
	Ant2	5580	21.440	5569.240	5590.680	---	---
	Ant3	5580	21.440	5569.240	5590.680	---	---
	Ant4	5580	21.760	5569.120	5590.880	---	---
	Ant1	5700	21.560	5689.200	5710.760	---	---
	Ant2	5700	21.280	5689.320	5710.600	---	---
	Ant3	5700	21.240	5689.320	5710.560	---	---
	Ant4	5700	21.480	5689.160	5710.640	---	---
11AC40MIMO -Beamforming	Ant1	5190	39.360	5170.240	5209.600	---	---
	Ant2	5190	39.920	5169.920	5209.840	---	---
	Ant3	5190	40.080	5169.840	5209.920	---	---
	Ant4	5190	39.760	5170.080	5209.840	---	---
	Ant1	5230	39.760	5210.080	5249.840	---	---
	Ant2	5230	39.360	5210.240	5249.600	---	---
	Ant3	5230	39.520	5210.240	5249.760	---	---
	Ant4	5230	40.160	5210.000	5250.160	---	---
	Ant1	5270	40.000	5249.840	5289.840	---	---
	Ant2	5270	39.920	5250.000	5289.920	---	---
	Ant3	5270	39.760	5250.000	5289.760	---	---
	Ant4	5270	39.840	5250.080	5289.920	---	---
	Ant1	5310	39.440	5290.240	5329.680	---	---
	Ant2	5310	39.440	5290.320	5329.760	---	---
	Ant3	5310	39.760	5290.080	5329.840	---	---
	Ant4	5310	40.240	5289.760	5330.000	---	---
	Ant1	5510	39.760	5490.080	5529.840	---	---
	Ant2	5510	39.680	5490.000	5529.680	---	---
	Ant3	5510	39.840	5490.080	5529.920	---	---
	Ant4	5510	39.600	5490.080	5529.680	---	---
	Ant1	5550	39.520	5530.240	5569.760	---	---
Ant2	5550	39.680	5530.000	5569.680	---	---	
Ant3	5550	39.680	5530.080	5569.760	---	---	

	Ant4	5550	39.840	5530.160	5570.000	---	---
	Ant1	5670	39.760	5650.000	5689.760	---	---
	Ant2	5670	39.680	5650.080	5689.760	---	---
	Ant3	5670	40.160	5649.840	5690.000	---	---
	Ant4	5670	39.840	5649.920	5689.760	---	---
11AC80MIMO- Beamforming	Ant1	5210	81.920	5169.040	5250.960	---	---
	Ant2	5210	81.120	5169.520	5250.640	---	---
	Ant3	5210	81.600	5169.040	5250.640	---	---
	Ant4	5210	81.120	5169.200	5250.320	---	---
	Ant1	5290	81.440	5249.360	5330.800	---	---
	Ant2	5290	81.440	5248.880	5330.320	---	---
	Ant3	5290	80.640	5249.680	5330.320	---	---
	Ant4	5290	80.960	5249.200	5330.160	---	---
	Ant1	5530	81.280	5489.040	5570.320	---	---
	Ant2	5530	81.280	5489.200	5570.480	---	---
	Ant3	5530	82.400	5489.200	5571.600	---	---
	Ant4	5530	81.920	5489.040	5570.960	---	---
	Ant1	5610	82.080	5568.720	5650.800	---	---
	Ant2	5610	80.800	5569.520	5650.320	---	---
	Ant3	5610	81.280	5569.360	5650.640	---	---
	Ant4	5610	80.800	5569.520	5650.320	---	---
11AC160MIMO- Beamforming	Ant1	5250	164.160	5167.440	5331.600	---	---
	Ant2	5250	161.920	5169.040	5330.960	---	---
	Ant3	5250	162.240	5168.720	5330.960	---	---
	Ant4	5250	161.600	5169.360	5330.960	---	---
	Ant1	5250_UNII-1	82.56	5167.440	5250	---	---
	Ant2	5250_UNII-1	80.96	5169.040	5250	---	---
	Ant3	5250_UNII-1	81.28	5168.720	5250	---	---
	Ant4	5250_UNII-1	80.64	5169.360	5250	---	---
	Ant1	5250_UNII-2A	81.6	5250	5331.600	---	---
	Ant2	5250_UNII-2A	80.96	5250	5330.960	---	---
	Ant3	5250_UNII-2A	80.96	5250	5330.960	---	---
	Ant4	5250_UNII-2A	80.96	5250	5330.960	---	---
	Ant1	5570	162.240	5489.040	5651.280	---	---
	Ant2	5570	162.880	5488.720	5651.600	---	---
	Ant3	5570	163.840	5488.080	5651.920	---	---
	Ant4	5570	163.840	5487.440	5651.280	---	---
11AX20MIMO- Beamforming	Ant1	5180	21.520	5169.120	5190.640	---	---
	Ant2	5180	21.400	5169.200	5190.600	---	---
	Ant3	5180	21.360	5169.240	5190.600	---	---
	Ant4	5180	21.600	5169.080	5190.680	---	---

	Ant1	5200	21.440	5189.240	5210.680	---	---
	Ant2	5200	21.720	5189.040	5210.760	---	---
	Ant3	5200	21.440	5189.240	5210.680	---	---
	Ant4	5200	21.600	5189.240	5210.840	---	---
	Ant1	5240	21.320	5229.320	5250.640	---	---
	Ant2	5240	21.280	5229.320	5250.600	---	---
	Ant3	5240	21.240	5229.320	5250.560	---	---
	Ant4	5240	21.400	5229.200	5250.600	---	---
	Ant1	5260	21.120	5249.400	5270.520	---	---
	Ant2	5260	21.320	5249.320	5270.640	---	---
	Ant3	5260	21.560	5249.200	5270.760	---	---
	Ant4	5260	21.560	5249.080	5270.640	---	---
	Ant1	5300	21.440	5289.360	5310.800	---	---
	Ant2	5300	21.440	5289.240	5310.680	---	---
	Ant3	5300	21.240	5289.320	5310.560	---	---
	Ant4	5300	21.320	5289.480	5310.800	---	---
	Ant1	5320	21.520	5309.240	5330.760	---	---
	Ant2	5320	21.640	5309.040	5330.680	---	---
	Ant3	5320	21.520	5309.240	5330.760	---	---
	Ant4	5320	21.680	5309.200	5330.880	---	---
	Ant1	5500	21.640	5489.120	5510.760	---	---
	Ant2	5500	21.440	5489.160	5510.600	---	---
	Ant3	5500	21.320	5489.280	5510.600	---	---
	Ant4	5500	21.160	5489.240	5510.400	---	---
	Ant1	5580	21.400	5569.160	5590.560	---	---
	Ant2	5580	21.120	5569.360	5590.480	---	---
	Ant3	5580	21.720	5569.080	5590.800	---	---
	Ant4	5580	21.240	5569.280	5590.520	---	---
	Ant1	5700	21.480	5689.120	5710.600	---	---
	Ant2	5700	21.400	5689.240	5710.640	---	---
	Ant3	5700	21.720	5689.120	5710.840	---	---
	Ant4	5700	21.520	5689.200	5710.720	---	---
11AX40MIMO- Beamforming	Ant1	5190	40.320	5169.680	5210.000	---	---
	Ant2	5190	40.000	5169.920	5209.920	---	---
	Ant3	5190	40.080	5169.920	5210.000	---	---
	Ant4	5190	39.760	5170.080	5209.840	---	---
	Ant1	5230	40.160	5209.920	5250.080	---	---
	Ant2	5230	40.000	5210.000	5250.000	---	---
	Ant3	5230	40.080	5209.920	5250.000	---	---
	Ant4	5230	40.320	5209.680	5250.000	---	---
	Ant1	5270	40.640	5249.600	5290.240	---	---

	Ant2	5270	39.760	5250.080	5289.840	---	---
	Ant3	5270	40.000	5249.760	5289.760	---	---
	Ant4	5270	40.000	5249.920	5289.920	---	---
	Ant1	5310	40.160	5289.840	5330.000	---	---
	Ant2	5310	40.080	5290.080	5330.160	---	---
	Ant3	5310	40.160	5289.840	5330.000	---	---
	Ant4	5310	40.480	5289.680	5330.160	---	---
	Ant1	5510	40.560	5489.680	5530.240	---	---
	Ant2	5510	40.480	5489.760	5530.240	---	---
	Ant3	5510	40.320	5489.760	5530.080	---	---
	Ant4	5510	40.320	5489.760	5530.080	---	---
	Ant1	5550	40.800	5529.360	5570.160	---	---
	Ant2	5550	40.400	5529.840	5570.240	---	---
	Ant3	5550	40.080	5530.000	5570.080	---	---
	Ant4	5550	40.240	5529.920	5570.160	---	---
	Ant1	5670	40.320	5649.840	5690.160	---	---
	Ant2	5670	39.920	5649.840	5689.760	---	---
	Ant3	5670	40.000	5649.920	5689.920	---	---
Ant4	5670	40.160	5649.840	5690.000	---	---	
11AX80MIMO- Beamforming	Ant1	5210	81.600	5169.200	5250.800	---	---
	Ant2	5210	81.920	5169.200	5251.120	---	---
	Ant3	5210	81.280	5169.520	5250.800	---	---
	Ant4	5210	81.600	5169.360	5250.960	---	---
	Ant1	5290	81.920	5248.880	5330.800	---	---
	Ant2	5290	81.440	5249.360	5330.800	---	---
	Ant3	5290	81.440	5249.040	5330.480	---	---
	Ant4	5290	81.120	5249.360	5330.480	---	---
	Ant1	5530	81.120	5489.520	5570.640	---	---
	Ant2	5530	81.600	5489.200	5570.800	---	---
	Ant3	5530	81.120	5489.520	5570.640	---	---
	Ant4	5530	81.280	5489.520	5570.800	---	---
	Ant1	5610	81.120	5569.680	5650.800	---	---
	Ant2	5610	81.760	5569.040	5650.800	---	---
	Ant3	5610	81.440	5568.880	5650.320	---	---
	Ant4	5610	81.440	5569.200	5650.640	---	---
11AX160MIMO- Beamforming	Ant1	5250	164.480	5168.080	5332.560	---	---
	Ant2	5250	163.200	5168.720	5331.920	---	---
	Ant3	5250	163.840	5168.080	5331.920	---	---
	Ant4	5250	163.520	5168.400	5331.920	---	---
	Ant1	5250_UNII-1	81.92	5168.080	5250	---	---
	Ant2	5250_UNII-1	81.28	5168.720	5250	---	---



	Ant3	5250_UNII-1	81.92	5168.080	5250	---	---
	Ant4	5250_UNII-1	81.6	5168.400	5250	---	---
	Ant1	5250_UNII-2A	82.56	5250	5332.560	---	---
	Ant2	5250_UNII-2A	81.92	5250	5331.920	---	---
	Ant3	5250_UNII-2A	81.92	5250	5331.920	---	---
	Ant4	5250_UNII-2A	81.92	5250	5331.920	---	---
	Ant1	5570	163.520	5488.400	5651.920	---	---
	Ant2	5570	163.840	5488.400	5652.240	---	---
	Ant3	5570	163.840	5488.080	5651.920	---	---
	Ant4	5570	163.200	5487.760	5650.960	---	---

11A-CDD_Ant1_5180



11A-CDD_Ant2_5180



11A-CDD_Ant3_5180



11A-CDD_Ant4_5180



11A-CDD_Ant1_5200



11A-CDD_Ant2_5200



11A-CDD_Ant3_5200



11A-CDD_Ant4_5200



11A-CDD_Ant1_5240



11A-CDD_Ant2_5240



11A-CDD_Ant3_5240



11A-CDD_Ant4_5240



11A-CDD_Ant1_5260



11A-CDD_Ant2_5260



11A-CDD_Ant3_5260



11A-CDD_Ant4_5260



11A-CDD_Ant1_5300



11A-CDD_Ant2_5300



11A-CDD_Ant3_5300



11A-CDD_Ant4_5300



11A-CDD_Ant1_5320



11A-CDD_Ant2_5320



11A-CDD_Ant3_5320



11A-CDD_Ant4_5320



11A-CDD_Ant1_5500



11A-CDD_Ant2_5500



11A-CDD_Ant3_5500



11A-CDD_Ant4_5500



11A-CDD_Ant1_5580



11A-CDD_Ant2_5580



11A-CDD_Ant3_5580



11A-CDD_Ant4_5580



11A-CDD_Ant1_5700



11A-CDD_Ant2_5700



11A-CDD_Ant3_5700



11A-CDD_Ant4_5700



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant3_5180



11N20MIMO_Ant4_5180



11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant3_5200



11N20MIMO_Ant4_5200



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N20MIMO_Ant3_5240



11N20MIMO_Ant4_5240



11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260



11N20MIMO_Ant3_5260



11N20MIMO_Ant4_5260



11N20MIMO_Ant1_5300



11N20MIMO_Ant2_5300



11N20MIMO_Ant3_5300



11N20MIMO_Ant4_5300



11N20MIMO_Ant1_5320



11N20MIMO_Ant2_5320



11N20MIMO_Ant3_5320



11N20MIMO_Ant4_5320



11N20MIMO_Ant1_5500



11N20MIMO_Ant2_5500



11N20MIMO_Ant3_5500



11N20MIMO_Ant4_5500



11N20MIMO_Ant1_5580



11N20MIMO_Ant2_5580



11N20MIMO_Ant3_5580



11N20MIMO_Ant4_5580



11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700



11N20MIMO_Ant3_5700



11N20MIMO_Ant4_5700



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant3_5190



11N40MIMO_Ant4_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



11N40MIMO_Ant3_5230



11N40MIMO_Ant4_5230



11N40MIMO_Ant1_5270



11N40MIMO_Ant2_5270



11N40MIMO_Ant3_5270



11N40MIMO_Ant4_5270



11N40MIMO_Ant1_5310



11N40MIMO_Ant2_5310



11N40MIMO_Ant3_5310



11N40MIMO_Ant4_5310



11N40MIMO_Ant1_5510



11N40MIMO_Ant2_5510



11N40MIMO_Ant3_5510



11N40MIMO_Ant4_5510



11N40MIMO_Ant1_5550



11N40MIMO_Ant2_5550



11N40MIMO_Ant3_5550



11N40MIMO_Ant4_5550



11N40MIMO_Ant1_5670



11N40MIMO_Ant2_5670



11N40MIMO_Ant3_5670



11N40MIMO_Ant4_5670



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



11AC20MIMO_Ant3_5180



11AC20MIMO_Ant4_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



11AC20MIMO_Ant3_5200



11AC20MIMO_Ant4_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant3_5240



11AC20MIMO_Ant4_5240



11AC20MIMO_Ant1_5260



11AC20MIMO_Ant2_5260



11AC20MIMO_Ant3_5260



11AC20MIMO_Ant4_5260



11AC20MIMO_Ant1_5300



11AC20MIMO_Ant2_5300



11AC20MIMO_Ant3_5300



11AC20MIMO_Ant4_5300



11AC20MIMO_Ant1_5320



11AC20MIMO_Ant2_5320



11AC20MIMO_Ant3_5320



11AC20MIMO_Ant4_5320



11AC20MIMO_Ant1_5500



11AC20MIMO_Ant2_5500



11AC20MIMO_Ant3_5500



11AC20MIMO_Ant4_5500



11AC20MIMO_Ant1_5580



11AC20MIMO_Ant2_5580



11AC20MIMO_Ant3_5580



11AC20MIMO_Ant4_5580



11AC20MIMO_Ant1_5700



11AC20MIMO_Ant2_5700



11AC20MIMO_Ant3_5700



11AC20MIMO_Ant4_5700



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant3_5190



11AC40MIMO_Ant4_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



11AC40MIMO_Ant3_5230



11AC40MIMO_Ant4_5230



11AC40MIMO_Ant1_5270



11AC40MIMO_Ant2_5270



11AC40MIMO_Ant3_5270



11AC40MIMO_Ant4_5270



11AC40MIMO_Ant1_5310



11AC40MIMO_Ant2_5310



11AC40MIMO_Ant3_5310



11AC40MIMO_Ant4_5310



11AC40MIMO_Ant1_5510



11AC40MIMO_Ant2_5510



11AC40MIMO_Ant3_5510



11AC40MIMO_Ant4_5510



11AC40MIMO_Ant1_5550



11AC40MIMO_Ant2_5550



11AC40MIMO_Ant3_5550



11AC40MIMO_Ant4_5550



11AC40MIMO_Ant1_5670



11AC40MIMO_Ant2_5670



11AC40MIMO_Ant3_5670



11AC40MIMO_Ant4_5670



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant3_5210



11AC80MIMO_Ant4_5210



11AC80MIMO_Ant1_5290



11AC80MIMO_Ant2_5290



11AC80MIMO_Ant3_5290



11AC80MIMO_Ant4_5290



11AC80MIMO_Ant1_5530



11AC80MIMO_Ant2_5530



11AC80MIMO_Ant3_5530



11AC80MIMO_Ant4_5530



11AC80MIMO_Ant1_5610



11AC80MIMO_Ant2_5610



11AC80MIMO_Ant3_5610



11AC80MIMO_Ant4_5610



11AC160MIMO_Ant1_5250



11AC160MIMO_Ant2_5250



11AC160MIMO_Ant3_5250



11AC160MIMO_Ant4_5250



11AC160MIMO_Ant1_5570



11AC160MIMO_Ant2_5570



11AC160MIMO_Ant3_5570



11AC160MIMO_Ant4_5570



11AX20MIMO_Ant1_5180



11AX20MIMO_Ant2_5180



11AX20MIMO_Ant3_5180



11AX20MIMO_Ant4_5180



11AX20MIMO_Ant1_5200



11AX20MIMO_Ant2_5200



11AX20MIMO_Ant3_5200



11AX20MIMO_Ant4_5200



11AX20MIMO_Ant1_5240



11AX20MIMO_Ant2_5240



11AX20MIMO_Ant3_5240



11AX20MIMO_Ant4_5240



11AX20MIMO_Ant1_5260



11AX20MIMO_Ant2_5260



11AX20MIMO_Ant3_5260



11AX20MIMO_Ant4_5260



11AX20MIMO_Ant1_5300



11AX20MIMO_Ant2_5300



11AX20MIMO_Ant3_5300



11AX20MIMO_Ant4_5300



11AX20MIMO_Ant1_5320



11AX20MIMO_Ant2_5320



11AX20MIMO_Ant3_5320



11AX20MIMO_Ant4_5320



11AX20MIMO_Ant1_5500



11AX20MIMO_Ant2_5500



11AX20MIMO_Ant3_5500



11AX20MIMO_Ant4_5500



11AX20MIMO_Ant1_5580



11AX20MIMO_Ant2_5580



11AX20MIMO_Ant3_5580



11AX20MIMO_Ant4_5580



11AX20MIMO_Ant1_5700



11AX20MIMO_Ant2_5700



11AX20MIMO_Ant3_5700



11AX20MIMO_Ant4_5700



11AX40MIMO_Ant1_5190



11AX40MIMO_Ant2_5190



11AX40MIMO_Ant3_5190



11AX40MIMO_Ant4_5190



11AX40MIMO_Ant1_5230



11AX40MIMO_Ant2_5230



11AX40MIMO_Ant3_5230



11AX40MIMO_Ant4_5230



11AX40MIMO_Ant1_5270



11AX40MIMO_Ant2_5270



11AX40MIMO_Ant3_5270



11AX40MIMO_Ant4_5270



11AX40MIMO_Ant1_5310



11AX40MIMO_Ant2_5310



11AX40MIMO_Ant3_5310



11AX40MIMO_Ant4_5310



11AX40MIMO_Ant1_5510



11AX40MIMO_Ant2_5510



11AX40MIMO_Ant3_5510



11AX40MIMO_Ant4_5510



11AX40MIMO_Ant1_5550



11AX40MIMO_Ant2_5550



11AX40MIMO_Ant3_5550



11AX40MIMO_Ant4_5550



11AX40MIMO_Ant1_5670



11AX40MIMO_Ant2_5670



11AX40MIMO_Ant3_5670



11AX40MIMO_Ant4_5670



11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



11AX80MIMO_Ant3_5210



11AX80MIMO_Ant4_5210



11AX80MIMO_Ant1_5290



11AX80MIMO_Ant2_5290



11AX80MIMO_Ant3_5290



11AX80MIMO_Ant4_5290



11AX80MIMO_Ant1_5530



11AX80MIMO_Ant2_5530



11AX80MIMO_Ant3_5530



11AX80MIMO_Ant4_5530



11AX80MIMO_Ant1_5610



11AX80MIMO_Ant2_5610



11AX80MIMO_Ant3_5610



11AX80MIMO_Ant4_5610



11AX160MIMO_Ant1_5250



11AX160MIMO_Ant2_5250



11AX160MIMO_Ant3_5250



11AX160MIMO_Ant4_5250



11AX160MIMO_Ant1_5570



11AX160MIMO_Ant2_5570



11AX160MIMO_Ant3_5570



11AX160MIMO_Ant4_5570



Occupied channel bandwidth

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.448	5171.2102	5188.6582	---	---
	Ant2	5180	17.218	5171.3767	5188.5947	---	---
	Ant3	5180	17.187	5171.3389	5188.5259	---	---
	Ant4	5180	17.430	5171.2104	5188.6404	---	---
	Ant1	5200	17.603	5191.1898	5208.7928	---	---
	Ant2	5200	17.235	5191.3751	5208.6101	---	---
	Ant3	5200	17.159	5191.3564	5208.5154	---	---
	Ant4	5200	17.394	5191.2285	5208.6225	---	---
	Ant1	5240	17.413	5231.2615	5248.6745	---	---
	Ant2	5240	17.513	5231.2007	5248.7137	---	---
	Ant3	5240	17.275	5231.3395	5248.6145	---	---
	Ant4	5240	17.114	5231.3673	5248.4813	---	---
	Ant1	5260	17.511	5251.1930	5268.7040	---	---
	Ant2	5260	17.277	5251.3296	5268.6066	---	---
	Ant3	5260	17.155	5251.3615	5268.5165	---	---
	Ant4	5260	17.380	5251.2430	5268.6230	---	---
	Ant1	5300	17.354	5291.2593	5308.6133	---	---
	Ant2	5300	17.234	5291.3627	5308.5967	---	---
	Ant3	5300	17.515	5291.1948	5308.7098	---	---
	Ant4	5300	17.096	5291.3743	5308.4703	---	---
	Ant1	5320	17.425	5311.2401	5328.6651	---	---
	Ant2	5320	17.283	5311.3043	5328.5873	---	---
	Ant3	5320	17.139	5311.3496	5328.4886	---	---
	Ant4	5320	17.170	5311.3292	5328.4992	---	---
	Ant1	5500	17.193	5491.2723	5508.4653	---	---
	Ant2	5500	17.255	5491.3600	5508.6150	---	---
	Ant3	5500	17.397	5491.2366	5508.6336	---	---
	Ant4	5500	17.295	5491.2012	5508.4962	---	---
	Ant1	5580	17.325	5571.2952	5588.6202	---	---
	Ant2	5580	17.252	5571.3634	5588.6154	---	---
	Ant3	5580	17.446	5571.2300	5588.6760	---	---
	Ant4	5580	17.328	5571.2625	5588.5905	---	---
Ant1	5700	17.359	5691.2324	5708.5914	---	---	
Ant2	5700	17.329	5691.3413	5708.6703	---	---	
Ant3	5700	17.441	5691.2560	5708.6970	---	---	
Ant4	5700	17.420	5691.2708	5708.6908	---	---	
Ant1	5745	17.626	5736.1318	5753.7578	---	---	
Ant2	5745	17.433	5736.2424	5753.6754	---	---	

	Ant3	5745	17.367	5736.2597	5753.6267	---	---
	Ant4	5745	17.403	5736.2503	5753.6533	---	---
	Ant1	5785	17.419	5776.2246	5793.6436	---	---
	Ant2	5785	17.427	5776.2305	5793.6575	---	---
	Ant3	5785	17.749	5776.0722	5793.8212	---	---
	Ant4	5785	17.667	5776.0900	5793.7570	---	---
	Ant1	5825	17.513	5816.1610	5833.6740	---	---
	Ant2	5825	17.533	5816.1540	5833.6870	---	---
	Ant3	5825	17.856	5816.0443	5833.9003	---	---
	Ant4	5825	18.025	5815.9698	5833.9948	---	---
11N20MIMO	Ant1	5180	18.461	5170.7130	5189.1740	---	---
	Ant2	5180	18.156	5170.8669	5189.0229	---	---
	Ant3	5180	18.135	5170.8887	5189.0237	---	---
	Ant4	5180	18.179	5170.8563	5189.0353	---	---
	Ant1	5200	18.473	5190.7346	5209.2076	---	---
	Ant2	5200	18.174	5190.8813	5209.0553	---	---
	Ant3	5200	18.204	5190.8517	5209.0557	---	---
	Ant4	5200	18.149	5190.8597	5209.0087	---	---
	Ant1	5240	18.467	5230.6987	5249.1657	---	---
	Ant2	5240	18.189	5230.8542	5249.0432	---	---
	Ant3	5240	18.161	5230.8898	5249.0508	---	---
	Ant4	5240	18.165	5230.8808	5249.0458	---	---
	Ant1	5260	18.433	5250.7179	5269.1509	---	---
	Ant2	5260	18.480	5250.7145	5269.1945	---	---
	Ant3	5260	18.183	5250.8762	5269.0592	---	---
	Ant4	5260	18.096	5250.9225	5269.0185	---	---
	Ant1	5300	18.413	5290.7378	5309.1508	---	---
	Ant2	5300	18.163	5290.8556	5309.0186	---	---
	Ant3	5300	18.102	5290.8982	5309.0002	---	---
	Ant4	5300	18.128	5290.8915	5309.0195	---	---
	Ant1	5320	18.063	5310.8979	5328.9609	---	---
	Ant2	5320	18.167	5310.8572	5329.0242	---	---
	Ant3	5320	18.121	5310.8730	5328.9940	---	---
	Ant4	5320	18.436	5310.7195	5329.1555	---	---
	Ant1	5500	18.421	5490.7366	5509.1576	---	---
	Ant2	5500	18.127	5490.8911	5509.0181	---	---
	Ant3	5500	18.170	5490.8408	5509.0108	---	---
	Ant4	5500	18.135	5490.8713	5509.0063	---	---
	Ant1	5580	18.263	5570.8154	5589.0784	---	---
	Ant2	5580	18.217	5570.8571	5589.0741	---	---
Ant3	5580	18.507	5570.6736	5589.1806	---	---	

	Ant4	5580	18.442	5570.7534	5589.1954	---	---
	Ant1	5700	18.458	5690.6944	5709.1524	---	---
	Ant2	5700	18.152	5690.8961	5709.0481	---	---
	Ant3	5700	18.181	5690.8694	5709.0504	---	---
	Ant4	5700	18.188	5690.8463	5709.0343	---	---
	Ant1	5745	18.294	5735.8021	5754.0961	---	---
	Ant2	5745	18.336	5735.8100	5754.1460	---	---
	Ant3	5745	18.556	5735.6768	5754.2328	---	---
	Ant4	5745	18.546	5735.6831	5754.2291	---	---
	Ant1	5785	18.568	5775.6334	5794.2014	---	---
	Ant2	5785	18.238	5775.8118	5794.0498	---	---
	Ant3	5785	18.329	5775.7501	5794.0791	---	---
	Ant4	5785	18.344	5775.7651	5794.1091	---	---
	Ant1	5825	18.775	5815.5670	5834.3420	---	---
	Ant2	5825	18.407	5815.7647	5834.1717	---	---
	Ant3	5825	18.491	5815.7065	5834.1975	---	---
Ant4	5825	18.544	5815.6601	5834.2041	---	---	
11N40MIMO	Ant1	5190	36.604	5171.6387	5208.2427	---	---
	Ant2	5190	36.572	5171.6258	5208.1978	---	---
	Ant3	5190	36.542	5171.6899	5208.2319	---	---
	Ant4	5190	36.594	5171.6529	5208.2469	---	---
	Ant1	5230	36.618	5211.6324	5248.2504	---	---
	Ant2	5230	36.614	5211.6410	5248.2550	---	---
	Ant3	5230	36.816	5211.5589	5248.3749	---	---
	Ant4	5230	36.815	5211.5566	5248.3716	---	---
	Ant1	5270	36.673	5251.5941	5288.2671	---	---
	Ant2	5270	36.622	5251.6575	5288.2795	---	---
	Ant3	5270	36.609	5251.5821	5288.1911	---	---
	Ant4	5270	36.636	5251.5802	5288.2162	---	---
	Ant1	5310	36.669	5291.6118	5328.2808	---	---
	Ant2	5310	36.567	5291.6508	5328.2178	---	---
	Ant3	5310	36.537	5291.6549	5328.1919	---	---
	Ant4	5310	36.576	5291.6277	5328.2037	---	---
	Ant1	5510	36.512	5491.6373	5528.1493	---	---
	Ant2	5510	36.668	5491.5772	5528.2452	---	---
	Ant3	5510	36.492	5491.7546	5528.2466	---	---
	Ant4	5510	36.519	5491.6325	5528.1515	---	---
	Ant1	5550	36.750	5531.5583	5568.3083	---	---
	Ant2	5550	36.568	5531.6860	5568.2540	---	---
	Ant3	5550	36.491	5531.7007	5568.1917	---	---
	Ant4	5550	36.455	5531.6753	5568.1303	---	---

	Ant1	5670	36.471	5651.7805	5688.2515	---	---
	Ant2	5670	36.557	5651.7000	5688.2570	---	---
	Ant3	5670	36.667	5651.6243	5688.2913	---	---
	Ant4	5670	36.713	5651.5959	5688.3089	---	---
	Ant1	5755	36.913	5736.4579	5773.3709	---	---
	Ant2	5755	36.604	5736.6452	5773.2492	---	---
	Ant3	5755	36.637	5736.6591	5773.2961	---	---
	Ant4	5755	36.676	5736.6072	5773.2832	---	---
	Ant1	5795	36.799	5776.5067	5813.3057	---	---
	Ant2	5795	36.779	5776.5328	5813.3118	---	---
	Ant3	5795	36.961	5776.4020	5813.3630	---	---
	Ant4	5795	37.025	5776.3317	5813.3567	---	---
11AC20MIMO	Ant1	5180	18.417	5170.7960	5189.2130	---	---
	Ant2	5180	18.434	5170.7448	5189.1788	---	---
	Ant3	5180	18.416	5170.7648	5189.1808	---	---
	Ant4	5180	18.137	5170.8710	5189.0080	---	---
	Ant1	5200	18.200	5190.8546	5209.0546	---	---
	Ant2	5200	18.164	5190.8615	5209.0255	---	---
	Ant3	5200	18.456	5190.7271	5209.1831	---	---
	Ant4	5200	18.501	5190.7117	5209.2127	---	---
	Ant1	5240	18.475	5230.7154	5249.1904	---	---
	Ant2	5240	18.488	5230.7207	5249.2087	---	---
	Ant3	5240	18.468	5230.7313	5249.1993	---	---
	Ant4	5240	18.431	5230.7183	5249.1493	---	---
	Ant1	5260	18.144	5250.8800	5269.0240	---	---
	Ant2	5260	18.225	5250.8157	5269.0407	---	---
	Ant3	5260	18.088	5250.8958	5268.9838	---	---
	Ant1	5300	18.112	5290.8914	5309.0034	---	---
	Ant2	5300	18.127	5290.9014	5309.0284	---	---
	Ant3	5300	18.427	5290.7445	5309.1715	---	---
	Ant4	5300	18.189	5290.8193	5309.0083	---	---
	Ant1	5320	18.174	5310.8458	5329.0198	---	---
	Ant2	5320	18.149	5310.8525	5329.0015	---	---
	Ant3	5320	18.164	5310.8540	5329.0180	---	---
	Ant4	5320	18.432	5310.7223	5329.1543	---	---
	Ant1	5500	18.413	5490.7345	5509.1475	---	---
	Ant2	5500	18.467	5490.7307	5509.1977	---	---
	Ant3	5500	18.175	5490.8460	5509.0210	---	---
	Ant4	5500	18.143	5490.8772	5509.0202	---	---
	Ant1	5580	18.190	5570.8636	5589.0536	---	---
	Ant2	5580	18.129	5570.9037	5589.0327	---	---

	Ant3	5580	18.529	5570.6710	5589.2000	---	---
	Ant4	5580	18.214	5570.8228	5589.0368	---	---
	Ant1	5700	18.199	5690.8547	5709.0537	---	---
	Ant2	5700	18.161	5690.8704	5709.0314	---	---
	Ant3	5700	18.148	5690.8776	5709.0256	---	---
	Ant4	5700	18.464	5690.7339	5709.1979	---	---
	Ant1	5745	18.311	5735.7785	5754.0895	---	---
	Ant2	5745	18.285	5735.7977	5754.0827	---	---
	Ant3	5745	18.298	5735.7942	5754.0922	---	---
	Ant4	5745	18.674	5735.5992	5754.2732	---	---
	Ant1	5785	18.663	5775.5836	5794.2466	---	---
	Ant2	5785	18.629	5775.6137	5794.2427	---	---
	Ant3	5785	18.328	5775.7745	5794.1025	---	---
	Ant1	5825	18.789	5815.5524	5834.3414	---	---
	Ant2	5825	18.776	5815.5436	5834.3196	---	---
	Ant3	5825	18.397	5815.7261	5834.1231	---	---
Ant4	5825	18.504	5815.6704	5834.1744	---	---	
11AC40MIMO	Ant1	5190	36.630	5171.6635	5208.2935	---	---
	Ant2	5190	36.582	5171.6599	5208.2419	---	---
	Ant3	5190	36.719	5171.5900	5208.3090	---	---
	Ant4	5190	36.544	5171.6826	5208.2266	---	---
	Ant1	5230	36.634	5211.6565	5248.2905	---	---
	Ant2	5230	36.645	5211.6478	5248.2928	---	---
	Ant3	5230	36.663	5211.6048	5248.2678	---	---
	Ant4	5230	36.808	5211.5492	5248.3572	---	---
	Ant1	5270	36.675	5251.5849	5288.2599	---	---
	Ant2	5270	36.673	5251.6026	5288.2756	---	---
	Ant3	5270	36.610	5251.5962	5288.2062	---	---
	Ant4	5270	36.581	5251.5994	5288.1804	---	---
	Ant1	5310	36.551	5291.6509	5328.2019	---	---
	Ant2	5310	36.542	5291.6830	5328.2250	---	---
	Ant3	5310	36.519	5291.6768	5328.1958	---	---
	Ant4	5310	36.680	5291.6042	5328.2842	---	---
	Ant1	5510	36.652	5491.5855	5528.2375	---	---
	Ant2	5510	36.642	5491.6185	5528.2605	---	---
	Ant3	5510	36.642	5491.6456	5528.2876	---	---
	Ant4	5510	36.520	5491.6867	5528.2067	---	---
	Ant1	5550	36.555	5531.6888	5568.2438	---	---
	Ant2	5550	36.564	5531.6615	5568.2255	---	---
	Ant3	5550	36.508	5531.6661	5568.1741	---	---
	Ant4	5550	36.494	5531.7080	5568.2020	---	---

	Ant1	5670	36.529	5651.6788	5688.2078	---	---
	Ant2	5670	36.558	5651.6552	5688.2132	---	---
	Ant3	5670	36.705	5651.5677	5688.2727	---	---
	Ant4	5670	36.748	5651.5805	5688.3285	---	---
	Ant1	5755	36.817	5736.5300	5773.3470	---	---
	Ant2	5755	36.670	5736.5749	5773.2449	---	---
	Ant3	5755	36.633	5736.6048	5773.2378	---	---
	Ant4	5755	36.683	5736.5970	5773.2800	---	---
	Ant1	5795	36.885	5776.4543	5813.3393	---	---
	Ant2	5795	36.683	5776.5886	5813.2716	---	---
	Ant3	5795	36.750	5776.5054	5813.2554	---	---
	Ant4	5795	37.033	5776.3413	5813.3743	---	---
11AC80MIMO	Ant1	5210	75.946	5171.9823	5247.9283	---	---
	Ant2	5210	75.964	5171.9926	5247.9566	---	---
	Ant3	5210	76.026	5171.9092	5247.9352	---	---
	Ant4	5210	75.945	5171.9733	5247.9183	---	---
	Ant1	5290	75.990	5251.9398	5327.9298	---	---
	Ant2	5290	76.028	5251.8963	5327.9243	---	---
	Ant3	5290	75.950	5252.0004	5327.9504	---	---
	Ant4	5290	75.982	5251.8598	5327.8418	---	---
	Ant1	5530	75.878	5491.9959	5567.8739	---	---
	Ant2	5530	75.985	5492.2125	5568.1975	---	---
	Ant3	5530	76.007	5492.1172	5568.1242	---	---
	Ant4	5530	76.097	5492.0009	5568.0979	---	---
	Ant1	5610	75.957	5571.9090	5647.8660	---	---
	Ant2	5610	75.898	5572.0118	5647.9098	---	---
	Ant3	5610	75.909	5571.9880	5647.8970	---	---
	Ant4	5610	75.905	5572.0051	5647.9101	---	---
	Ant1	5775	76.267	5736.6048	5812.8718	---	---
	Ant2	5775	76.275	5736.6225	5812.8975	---	---
	Ant3	5775	76.060	5736.8444	5812.9044	---	---
	Ant4	5775	76.256	5736.6577	5812.9137	---	---
11AC160MIMO	Ant1	5250	154.74	5172.5411	5327.2811	---	---
	Ant2	5250	154.86	5172.5601	5327.4201	---	---
	Ant3	5250	154.95	5172.4425	5327.3925	---	---
	Ant4	5250	155.09	5172.2809	5327.3709	---	---
	Ant1	5250_UNII-1	77.459	5172.5411	5250	---	---
	Ant2	5250_UNII-1	77.44	5172.5601	5250	---	---
	Ant3	5250_UNII-1	77.557	5172.4425	5250	---	---
	Ant4	5250_UNII-1	77.719	5172.2809	5250	---	---
	Ant1	5250_UNII-2A	77.281	5250	5327.2811	---	---

	Ant2	5250_UNII-2A	77.42	5250	5327.4201	---	---
	Ant3	5250_UNII-2A	77.392	5250	5327.3925	---	---
	Ant4	5250_UNII-2A	77.371	5250	5327.3709	---	---
	Ant1	5570	154.58	5492.7668	5647.3468	---	---
	Ant2	5570	154.97	5492.5288	5647.4988	---	---
	Ant3	5570	155.20	5492.1898	5647.3898	---	---
	Ant4	5570	154.98	5492.2057	5647.1857	---	---
11AX20MIMO	Ant1	5180	19.249	5170.3576	5189.6066	---	---
	Ant2	5180	19.227	5170.3135	5189.5405	---	---
	Ant3	5180	19.213	5170.3348	5189.5478	---	---
	Ant4	5180	19.175	5170.3691	5189.5441	---	---
	Ant1	5200	19.246	5190.3594	5209.6054	---	---
	Ant2	5200	19.242	5190.3363	5209.5783	---	---
	Ant3	5200	19.250	5190.3562	5209.6062	---	---
	Ant4	5200	19.296	5190.3284	5209.6244	---	---
	Ant1	5240	19.274	5230.3261	5249.6001	---	---
	Ant2	5240	19.189	5230.3636	5249.5526	---	---
	Ant3	5240	19.215	5230.3519	5249.5669	---	---
	Ant4	5240	19.238	5230.3660	5249.6040	---	---
	Ant1	5260	19.208	5250.3724	5269.5804	---	---
	Ant2	5260	19.238	5250.3434	5269.5814	---	---
	Ant3	5260	19.247	5250.3188	5269.5658	---	---
	Ant4	5260	19.242	5250.3311	5269.5731	---	---
	Ant1	5300	19.185	5290.3657	5309.5507	---	---
	Ant2	5300	19.266	5290.3406	5309.6066	---	---
	Ant3	5300	19.148	5290.3748	5309.5228	---	---
	Ant4	5300	19.215	5290.3475	5309.5625	---	---
	Ant1	5320	19.199	5310.3631	5329.5621	---	---
	Ant2	5320	19.178	5310.3621	5329.5401	---	---
	Ant3	5320	19.304	5310.3052	5329.6092	---	---
	Ant4	5320	19.296	5310.2889	5329.5849	---	---
	Ant1	5500	19.241	5490.3448	5509.5858	---	---
	Ant2	5500	19.262	5490.3320	5509.5940	---	---
	Ant3	5500	19.186	5490.3619	5509.5479	---	---
	Ant4	5500	19.233	5490.3272	5509.5602	---	---
	Ant1	5580	19.266	5570.3528	5589.6188	---	---
	Ant2	5580	19.169	5570.3428	5589.5118	---	---
	Ant3	5580	19.227	5570.3430	5589.5700	---	---
	Ant4	5580	19.266	5570.3324	5589.5984	---	---
	Ant1	5700	19.199	5690.3189	5709.5179	---	---
Ant2	5700	19.231	5690.2715	5709.5025	---	---	

	Ant3	5700	19.222	5690.3465	5709.5685	---	---
	Ant4	5700	19.239	5690.3395	5709.5785	---	---
	Ant1	5745	19.343	5735.2984	5754.6414	---	---
	Ant2	5745	19.292	5735.3435	5754.6355	---	---
	Ant3	5745	19.288	5735.3124	5754.6004	---	---
	Ant4	5745	19.305	5735.2629	5754.5679	---	---
	Ant1	5785	19.248	5775.3008	5794.5488	---	---
	Ant2	5785	19.285	5775.2851	5794.5701	---	---
	Ant3	5785	19.343	5775.2791	5794.6221	---	---
	Ant4	5785	19.319	5775.2632	5794.5822	---	---
	Ant1	5825	19.312	5815.2808	5834.5928	---	---
	Ant2	5825	19.328	5815.3074	5834.6354	---	---
	Ant3	5825	19.346	5815.2539	5834.5999	---	---
	Ant4	5825	19.425	5815.2195	5834.6445	---	---
11AX40MIMO	Ant1	5190	37.815	5171.0251	5208.8401	---	---
	Ant2	5190	37.905	5170.9709	5208.8759	---	---
	Ant3	5190	37.895	5170.9861	5208.8811	---	---
	Ant4	5190	37.753	5171.0751	5208.8281	---	---
	Ant1	5230	37.856	5211.0023	5248.8583	---	---
	Ant2	5230	37.946	5210.9558	5248.9018	---	---
	Ant3	5230	37.905	5210.9964	5248.9014	---	---
	Ant4	5230	37.878	5211.0504	5248.9284	---	---
	Ant1	5270	37.832	5251.0658	5288.8978	---	---
	Ant2	5270	37.858	5250.9931	5288.8511	---	---
	Ant3	5270	37.744	5251.0799	5288.8239	---	---
	Ant4	5270	37.788	5251.0784	5288.8664	---	---
	Ant1	5310	37.823	5291.0327	5328.8557	---	---
	Ant2	5310	37.778	5291.0670	5328.8450	---	---
	Ant3	5310	37.848	5291.0174	5328.8654	---	---
	Ant4	5310	37.879	5291.0499	5328.9289	---	---
	Ant1	5510	37.862	5491.0022	5528.8642	---	---
	Ant2	5510	37.791	5491.0512	5528.8422	---	---
	Ant3	5510	37.939	5491.0062	5528.9452	---	---
	Ant4	5510	37.996	5490.9918	5528.9878	---	---
	Ant1	5550	37.808	5531.0486	5568.8566	---	---
	Ant2	5550	37.920	5530.9798	5568.8998	---	---
	Ant3	5550	37.876	5531.0136	5568.8896	---	---
	Ant4	5550	37.859	5530.9795	5568.8385	---	---
	Ant1	5670	37.895	5651.0061	5688.9011	---	---
	Ant2	5670	37.841	5651.0667	5688.9077	---	---
	Ant3	5670	37.894	5651.0038	5688.8978	---	---

	Ant4	5670	37.866	5651.0551	5688.9211	---	---
	Ant1	5755	37.991	5735.9438	5773.9348	---	---
	Ant2	5755	38.033	5735.9260	5773.9590	---	---
	Ant3	5755	37.962	5735.9918	5773.9538	---	---
	Ant4	5755	37.953	5735.9193	5773.8723	---	---
	Ant1	5795	37.940	5775.9236	5813.8636	---	---
	Ant2	5795	37.998	5775.9448	5813.9428	---	---
	Ant3	5795	38.056	5775.8606	5813.9166	---	---
11AX80MIMO	Ant4	5795	37.929	5775.9304	5813.8594	---	---
	Ant1	5210	77.324	5171.3472	5248.6712	---	---
	Ant2	5210	77.530	5171.1860	5248.7160	---	---
	Ant3	5210	77.615	5171.2355	5248.8505	---	---
	Ant4	5210	77.427	5171.2878	5248.7148	---	---
	Ant1	5290	77.342	5251.1897	5328.5317	---	---
	Ant2	5290	77.432	5251.2247	5328.6567	---	---
	Ant3	5290	77.341	5251.1768	5328.5178	---	---
	Ant4	5290	77.393	5251.1930	5328.5860	---	---
	Ant1	5530	77.509	5491.1868	5568.6958	---	---
	Ant2	5530	77.388	5491.1638	5568.5518	---	---
	Ant3	5530	77.448	5491.1780	5568.6260	---	---
	Ant4	5530	77.395	5491.2707	5568.6657	---	---
	Ant1	5610	77.433	5571.2177	5648.6507	---	---
	Ant2	5610	77.455	5571.2379	5648.6929	---	---
	Ant3	5610	77.479	5571.2250	5648.7040	---	---
	Ant4	5610	77.423	5571.2233	5648.6463	---	---
	Ant1	5775	77.526	5736.0303	5813.5563	---	---
	Ant2	5775	77.503	5736.0790	5813.5820	---	---
	Ant3	5775	77.583	5735.9689	5813.5519	---	---
Ant4	5775	77.712	5735.9402	5813.6522	---	---	
11AX160MIMO	Ant1	5250	157.18	5171.3467	5328.5267	---	---
	Ant2	5250	156.74	5171.5963	5328.3363	---	---
	Ant3	5250	156.93	5171.4240	5328.3540	---	---
	Ant4	5250	156.97	5171.3725	5328.3425	---	---
	Ant1	5250_UNII-1	78.653	5171.3467	5250	---	---
	Ant2	5250_UNII-1	78.404	5171.5963	5250	---	---
	Ant3	5250_UNII-1	78.576	5171.4240	5250	---	---
	Ant4	5250_UNII-1	78.627	5171.3725	5250	---	---
	Ant1	5250_UNII-2A	78.527	5250	5328.5267	---	---
	Ant2	5250_UNII-2A	78.336	5250	5328.3363	---	---
	Ant3	5250_UNII-2A	78.354	5250	5328.3540	---	---
	Ant4	5250_UNII-2A	78.342	5250	5328.3425	---	---



	Ant1	5570	157.14	5491.2476	5648.3876	---	---
	Ant2	5570	157.06	5491.4168	5648.4768	---	---
	Ant3	5570	157.06	5491.1481	5648.2081	---	---
	Ant4	5570	157.03	5491.2505	5648.2805	---	---

11A-CDD_Ant1_5180



11A-CDD_Ant2_5180



11A-CDD_Ant3_5180



11A-CDD_Ant4_5180



11A-CDD_Ant1_5200



11A-CDD_Ant2_5200



11A-CDD_Ant3_5200



11A-CDD_Ant4_5200



11A-CDD_Ant1_5240



11A-CDD_Ant2_5240



11A-CDD_Ant3_5240



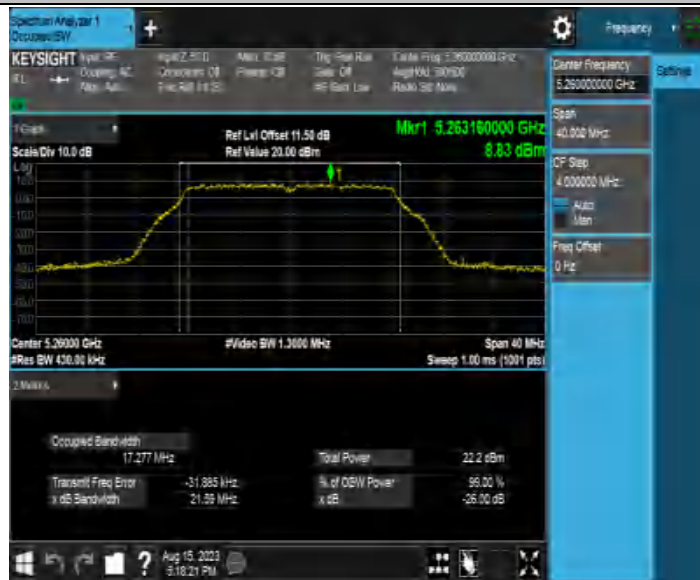
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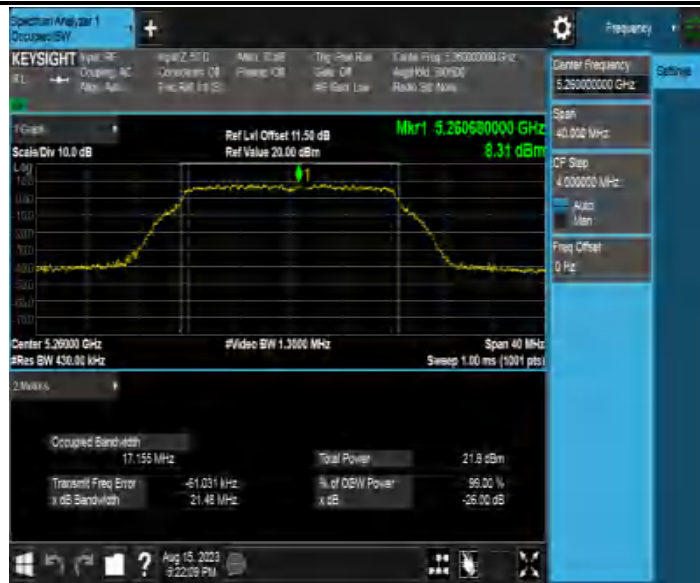
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11A-CDD_Ant2_5260



11A-CDD_Ant3_5260



11A-CDD_Ant4_5260



11A-CDD_Ant1_5300



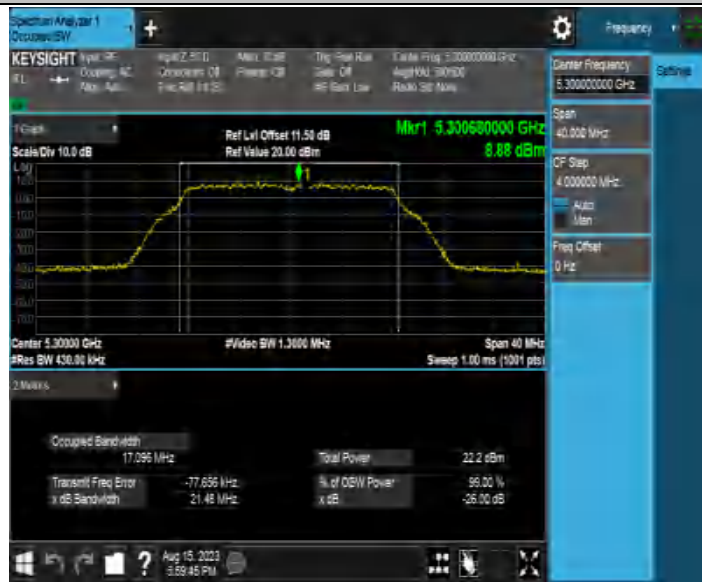
11A-CDD_Ant2_5300



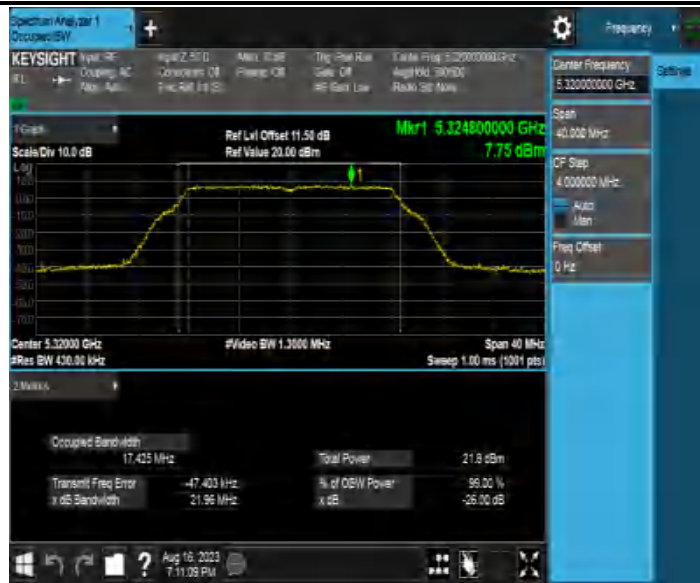
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11A-CDD_Ant4_5300



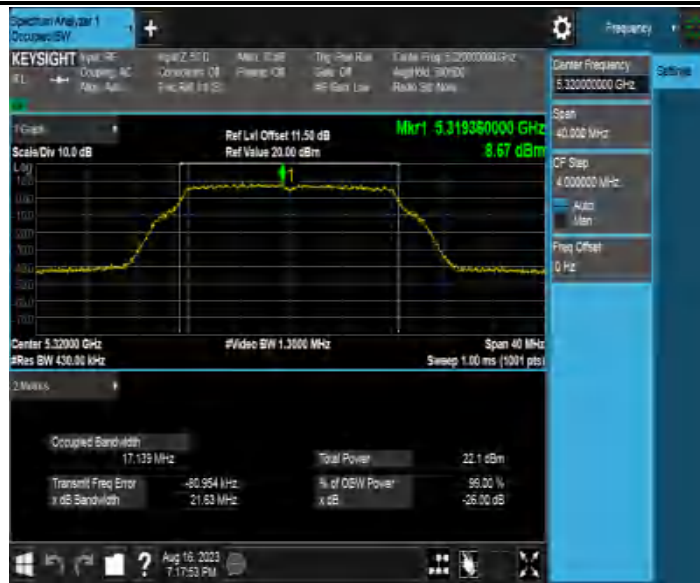
11A-CDD_Ant1_5320



11A-CDD_Ant2_5320



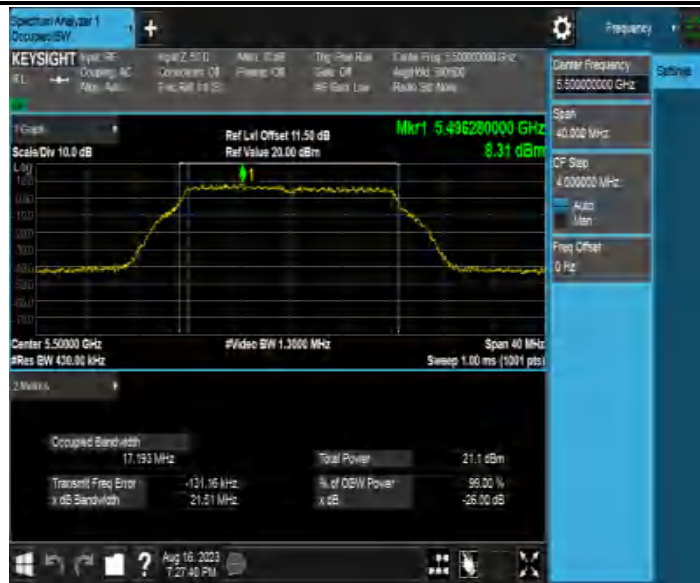
11A-CDD_Ant3_5320



11A-CDD_Ant4_5320



11A-CDD_Ant1_5500



11A-CDD_Ant2_5500



11A-CDD_Ant3_5500



11A-CDD_Ant4_5500



11A-CDD_Ant1_5580



11A-CDD_Ant2_5580



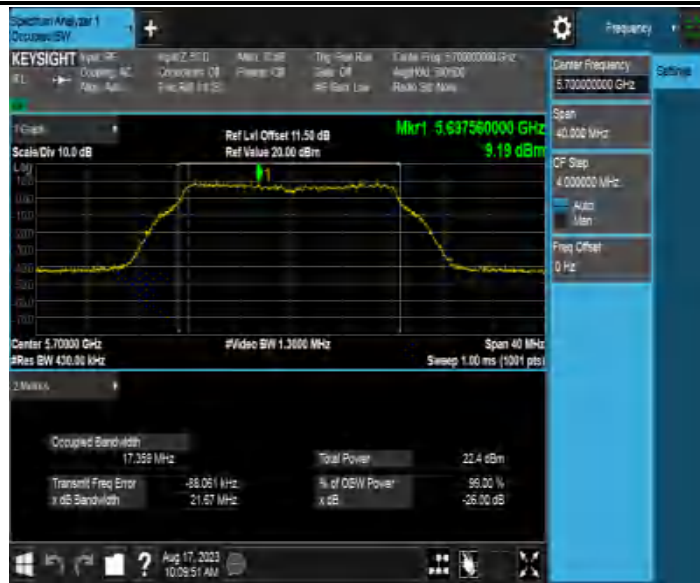
11A-CDD_Ant3_5580



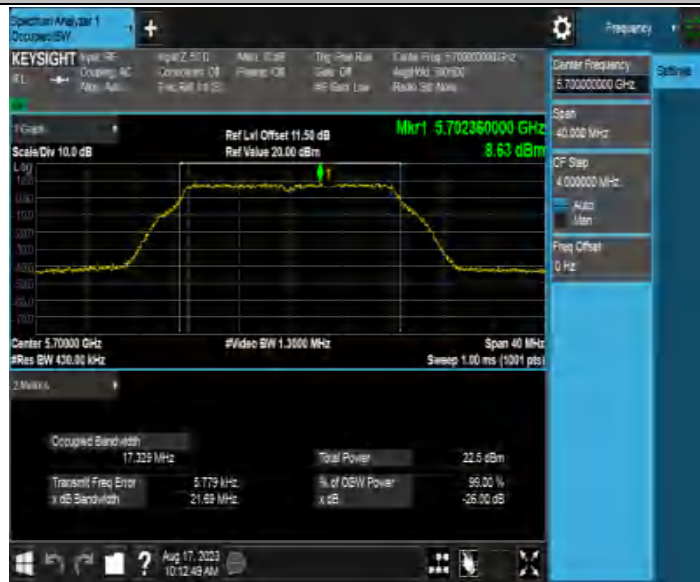
11A-CDD_Ant4_5580



11A-CDD_Ant1_5700



11A-CDD_Ant2_5700



11A-CDD_Ant3_5700



11A-CDD_Ant4_5700



11A-CDD_Ant1_5745



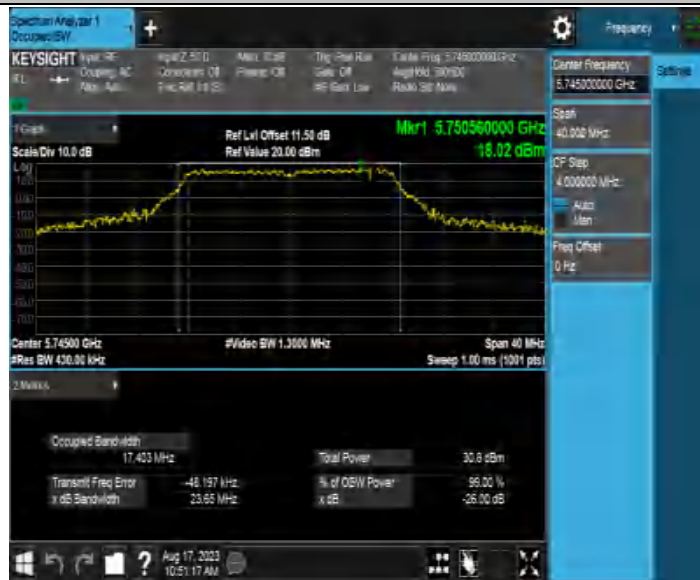
11A-CDD_Ant2_5745



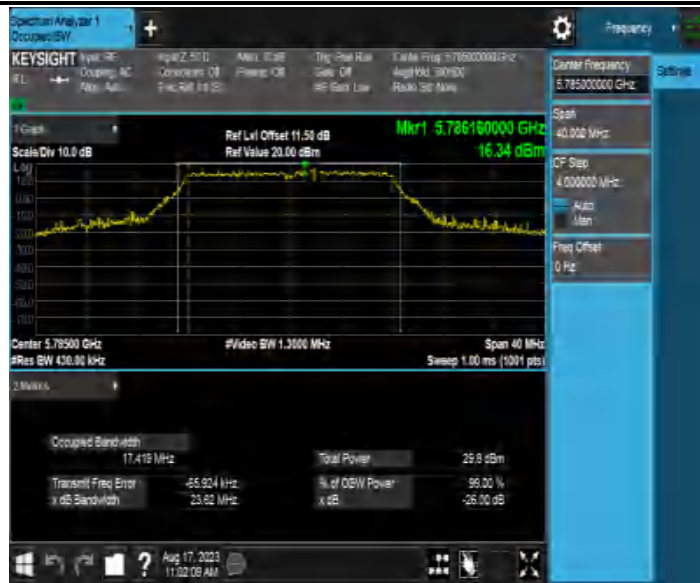
11A-CDD_Ant3_5745



11A-CDD_Ant4_5745



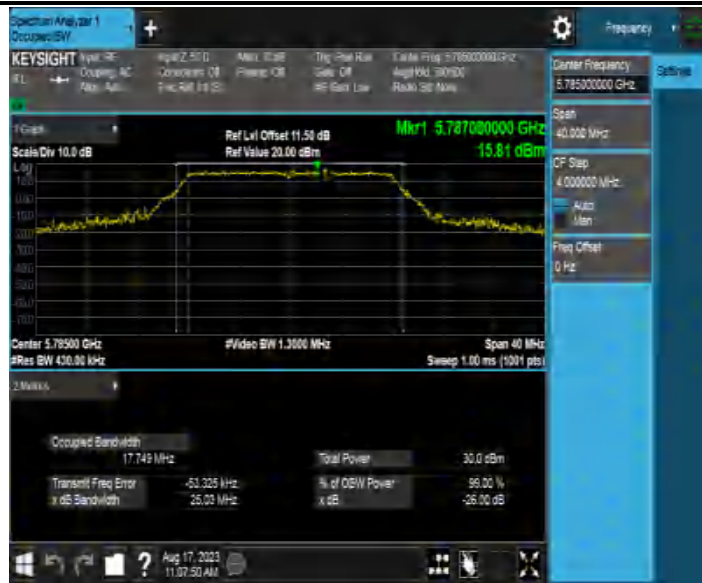
11A-CDD_Ant1_5785



11A-CDD_Ant2_5785



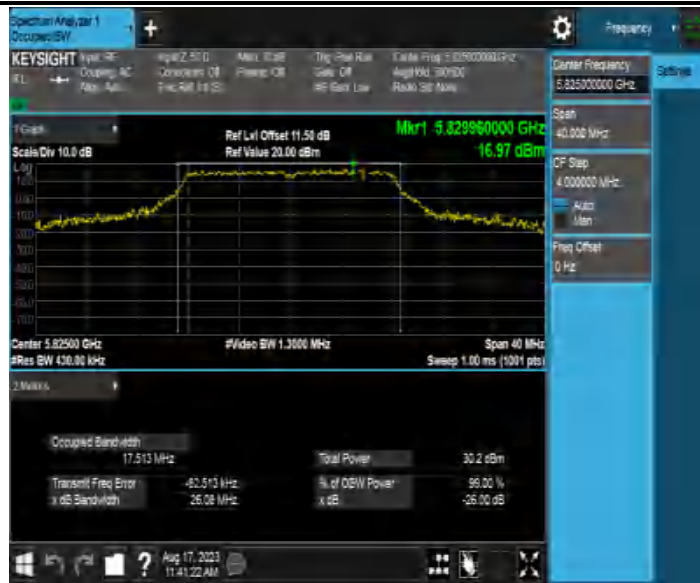
11A-CDD_Ant3_5785



11A-CDD_Ant4_5785



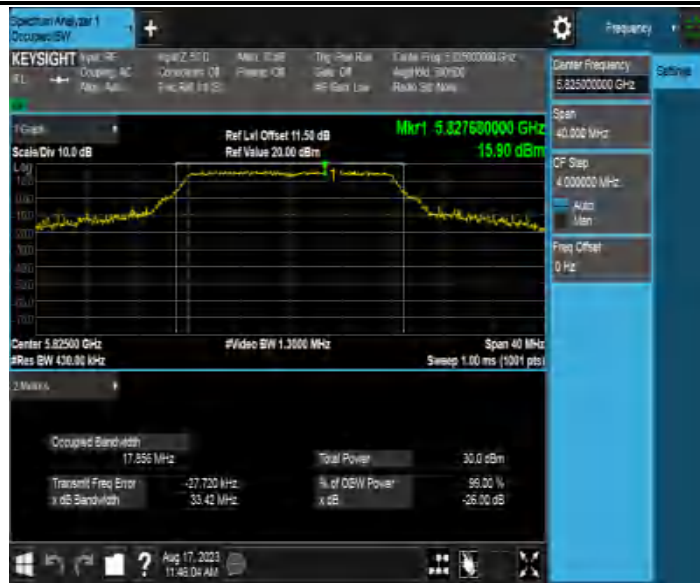
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11A-CDD_Ant2_5825



11A-CDD_Ant3_5825



11A-CDD_Ant4_5825



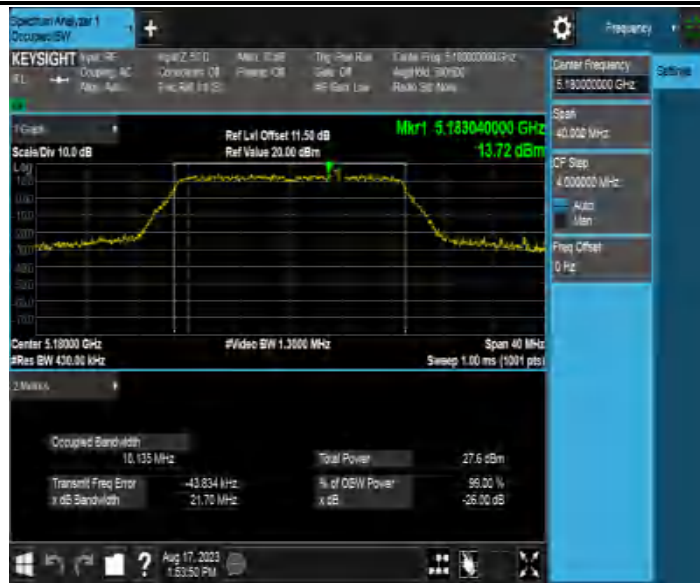
11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant3_5180



11N20MIMO_Ant4_5180



11N20MIMO_Ant1_5200



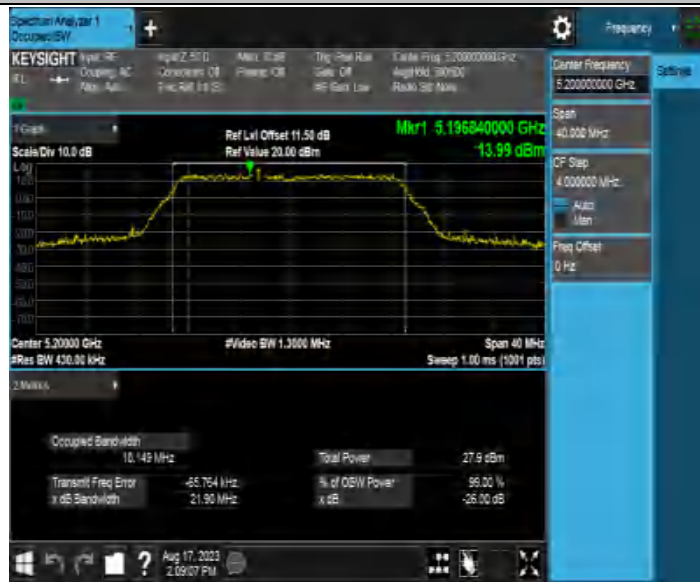
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11N20MIMO_Ant3_5200



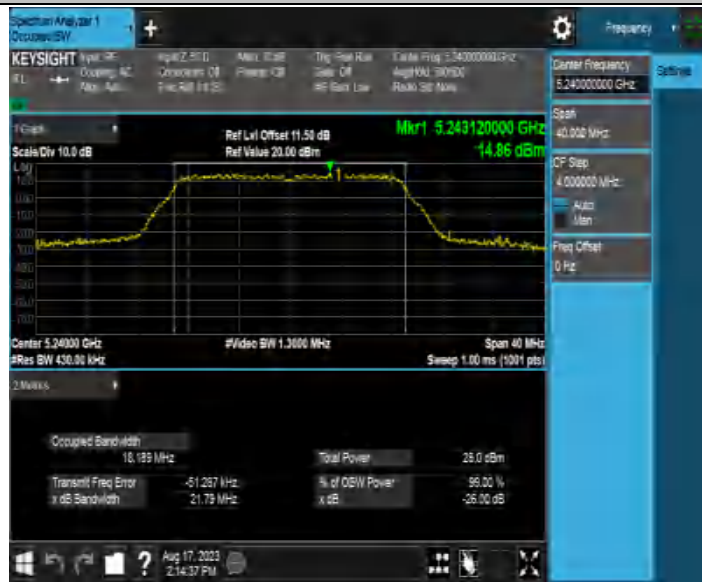
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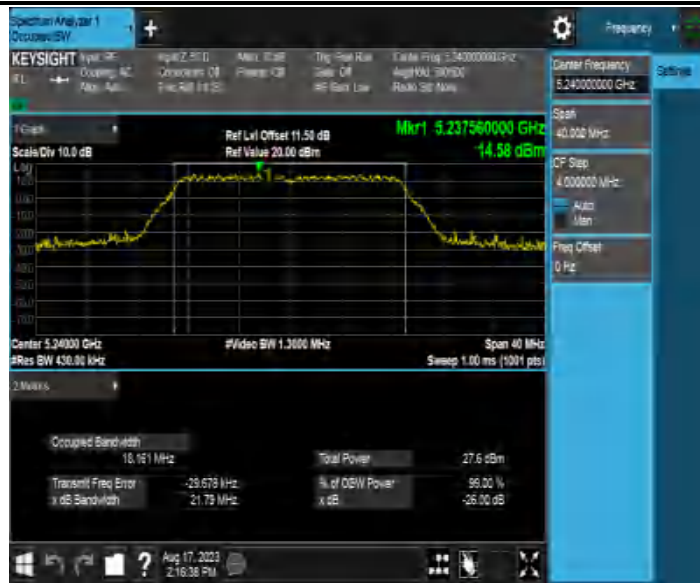
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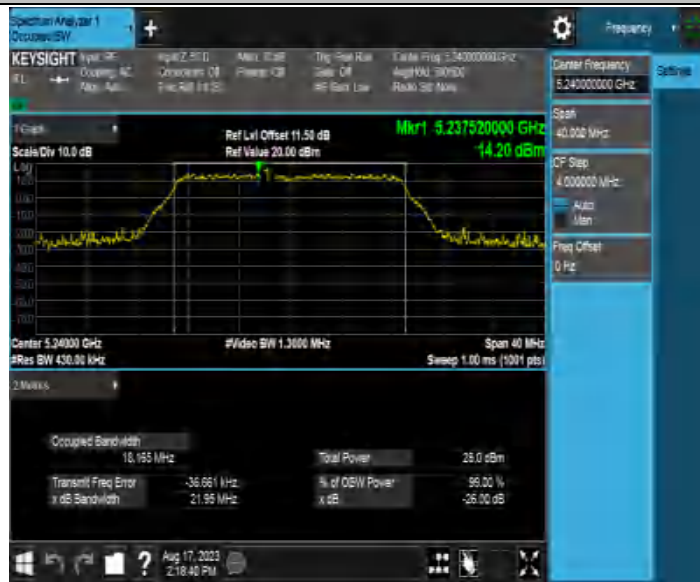
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11N20MIMO_Ant3_5240



11N20MIMO_Ant4_5240



11N20MIMO_Ant1_5260



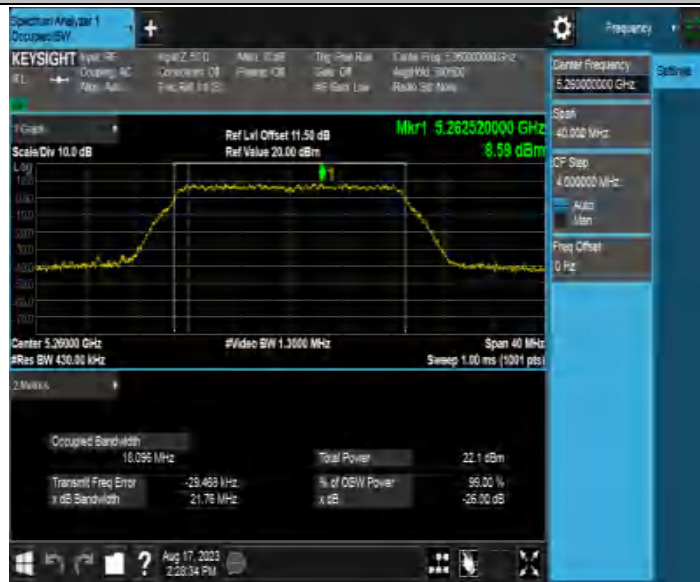
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11N20MIMO_Ant3_5260



11N20MIMO_Ant4_5260



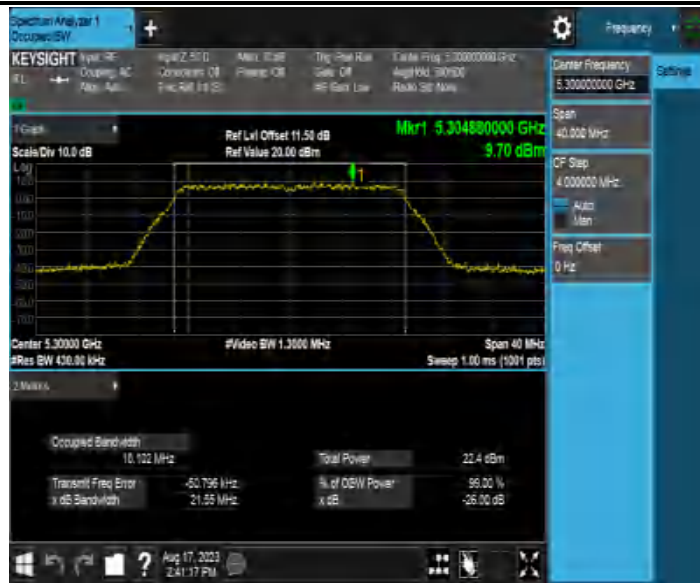
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11N20MIMO_Ant2_5300



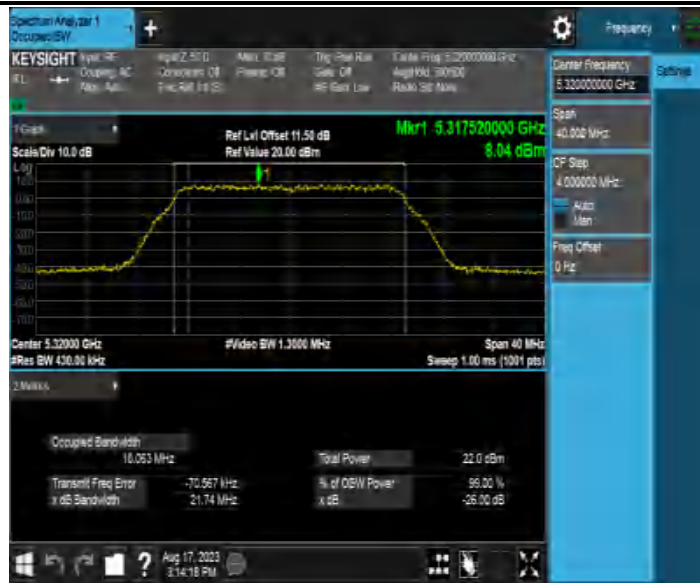
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11N20MIMO_Ant4_5300



11N20MIMO_Ant1_5320



11N20MIMO_Ant2_5320



11N20MIMO_Ant3_5320



11N20MIMO_Ant4_5320



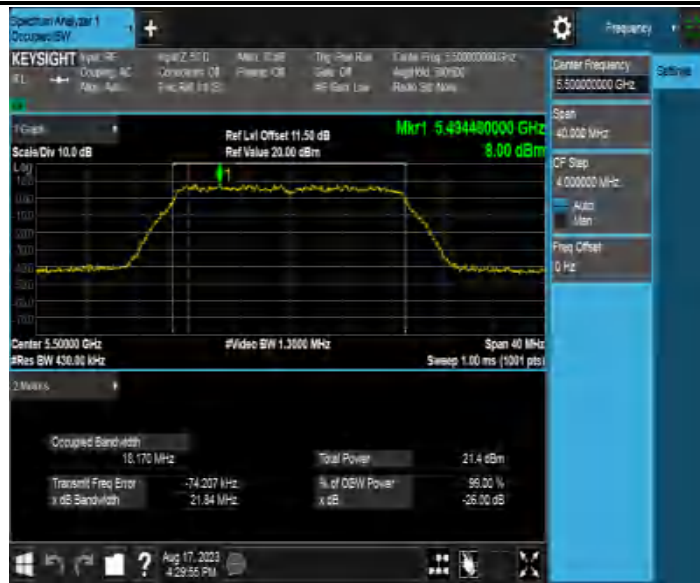
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11N20MIMO_Ant2_5500



11N20MIMO_Ant3_5500



11N20MIMO_Ant4_5500



11N20MIMO_Ant1_5580



11N20MIMO_Ant2_5580



11N20MIMO_Ant3_5580



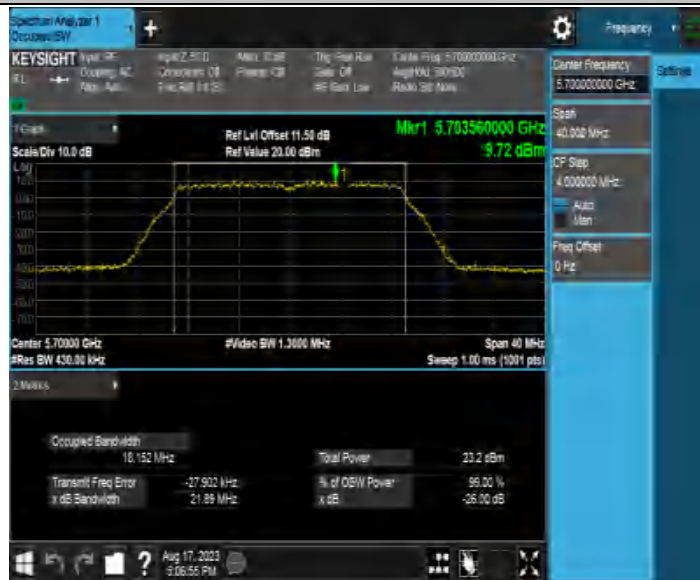
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11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700



11N20MIMO_Ant3_5700



11N20MIMO_Ant4_5700



11N20MIMO_Ant1_5745



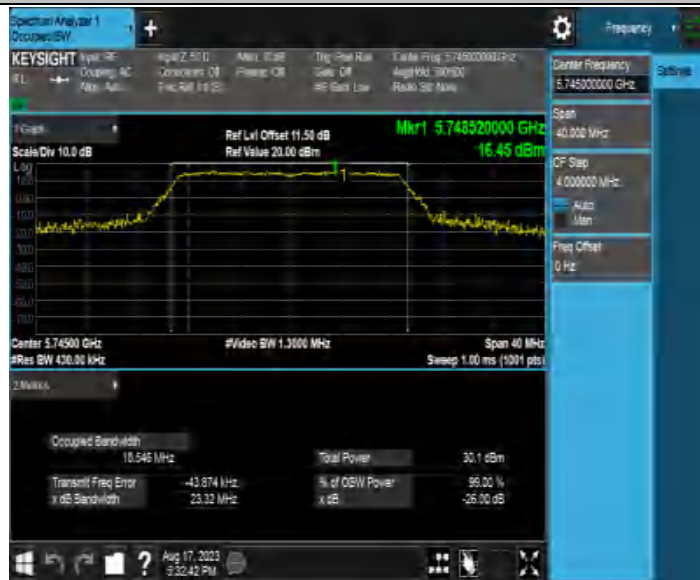
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11N20MIMO_Ant3_5745



11N20MIMO_Ant4_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



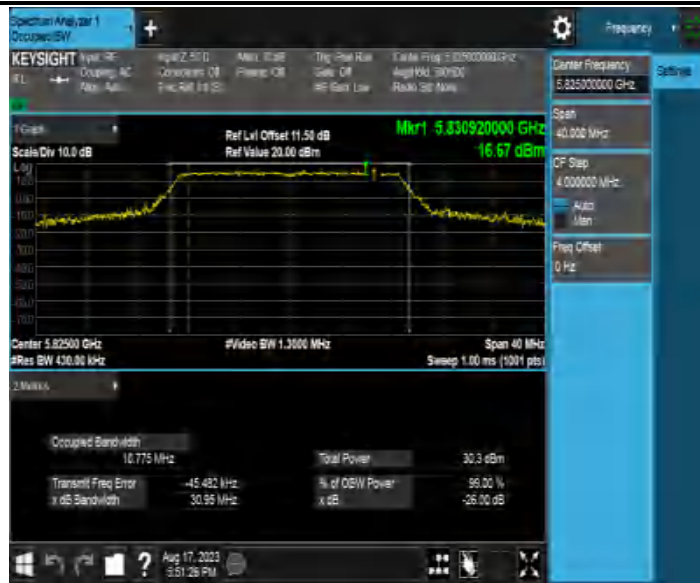
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11N20MIMO_Ant4_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N20MIMO_Ant3_5825



11N20MIMO_Ant4_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



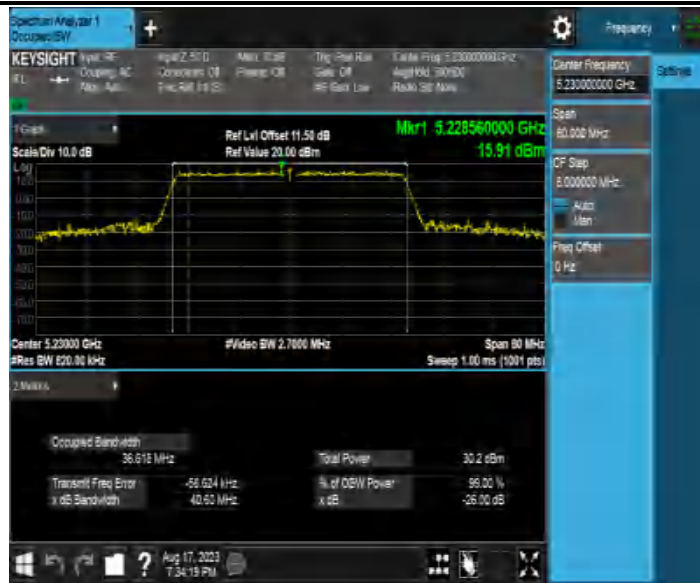
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11N40MIMO_Ant4_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



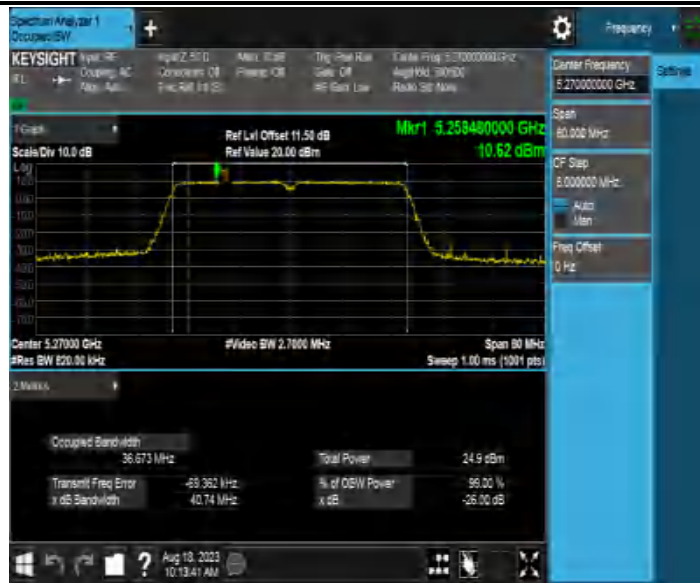
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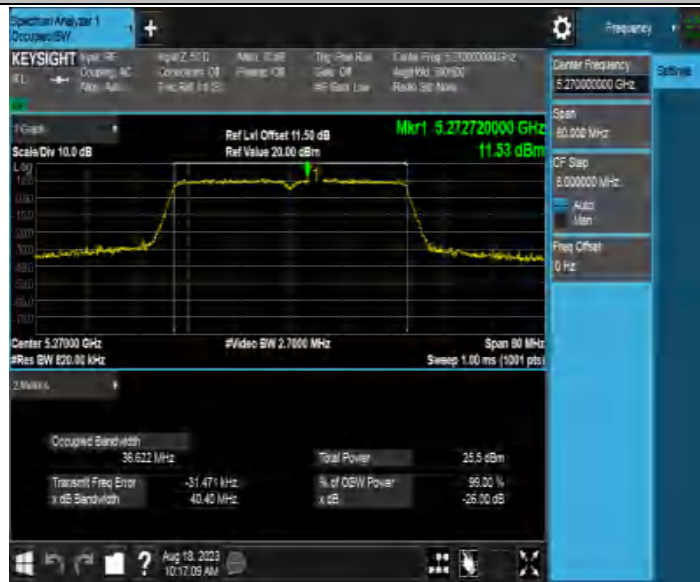
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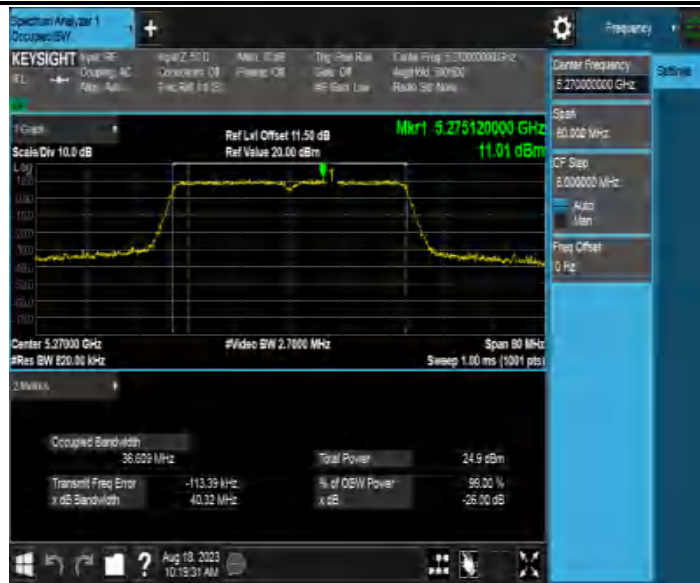
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11N40MIMO_Ant2_5270



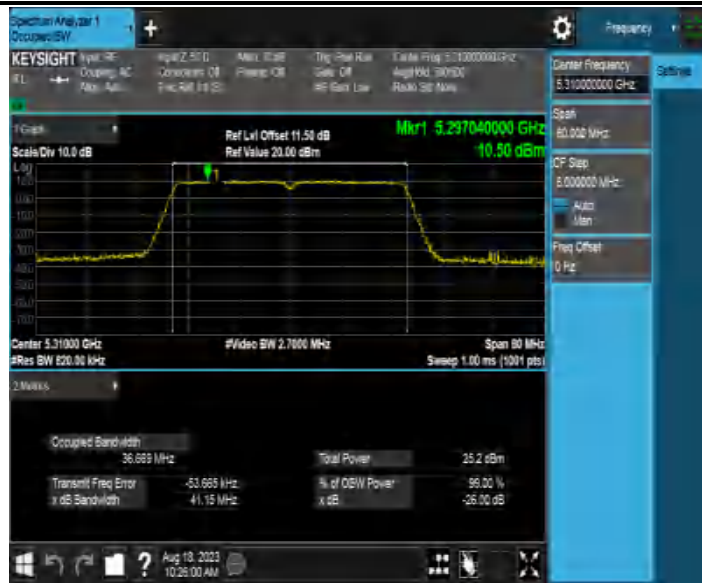
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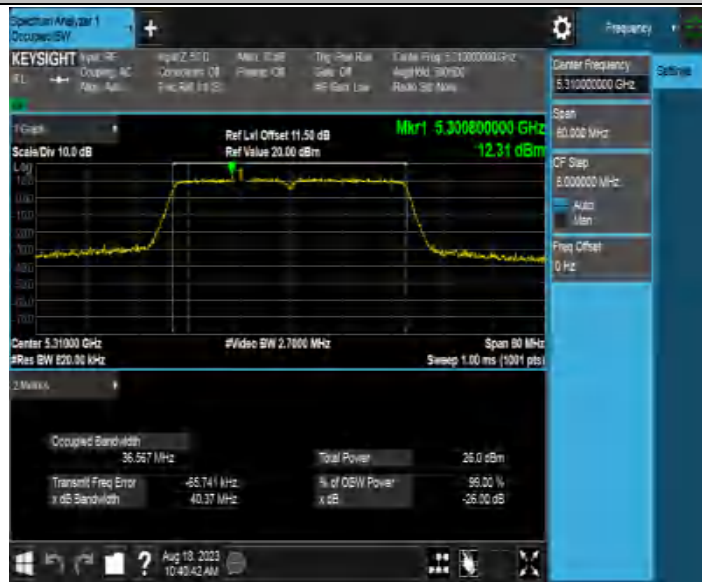
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11N40MIMO_Ant1_5310



11N40MIMO_Ant2_5310



11N40MIMO_Ant3_5310



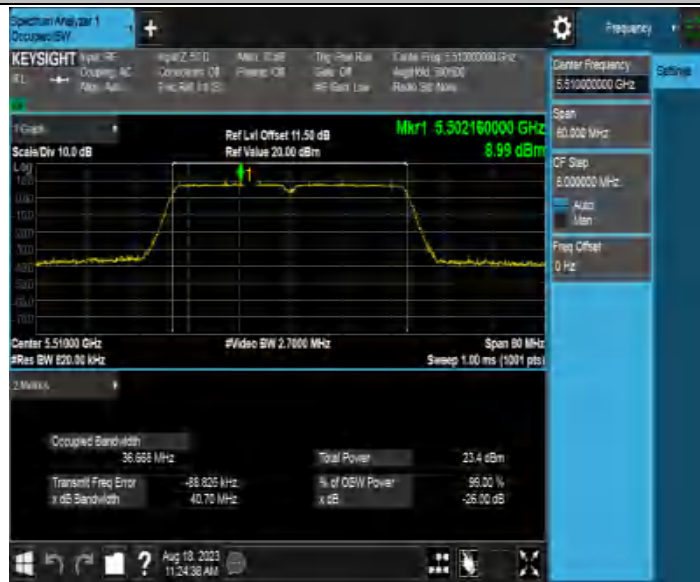
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11N40MIMO_Ant1_5510



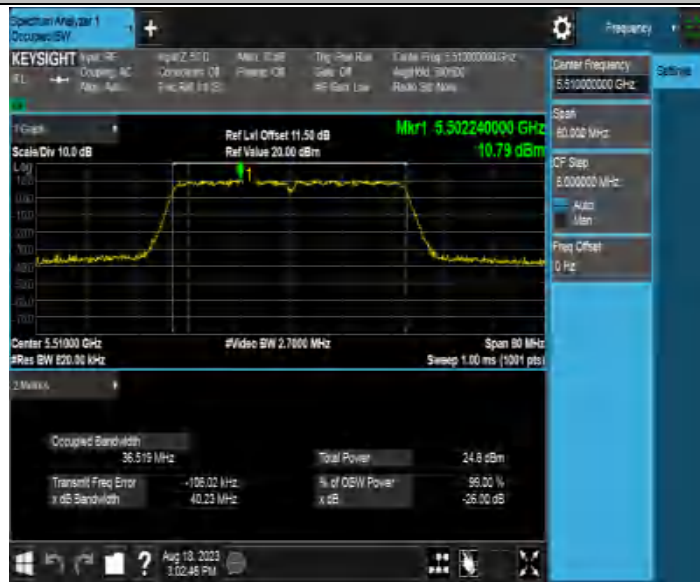
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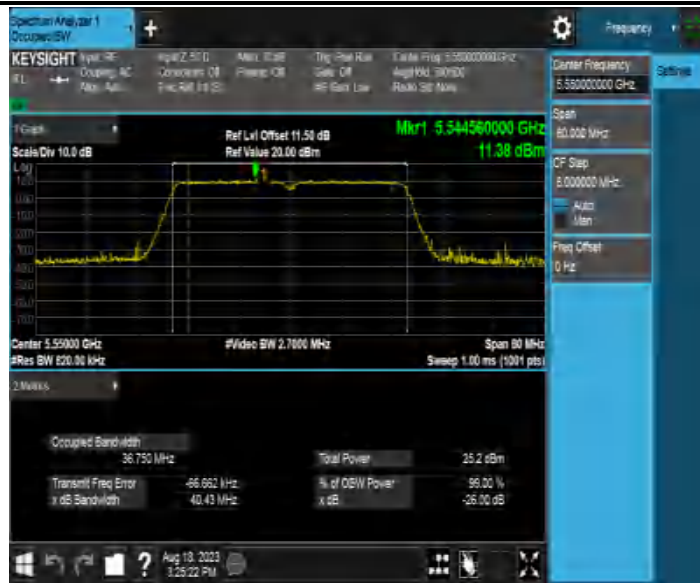
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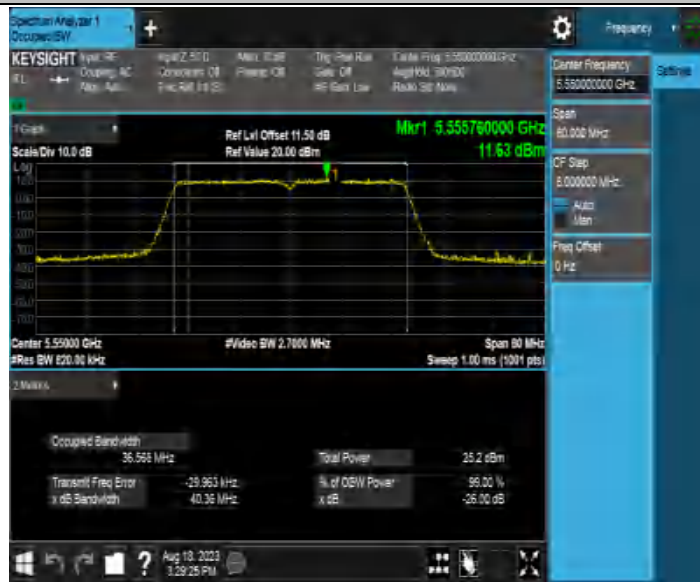
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11N40MIMO_Ant1_5550



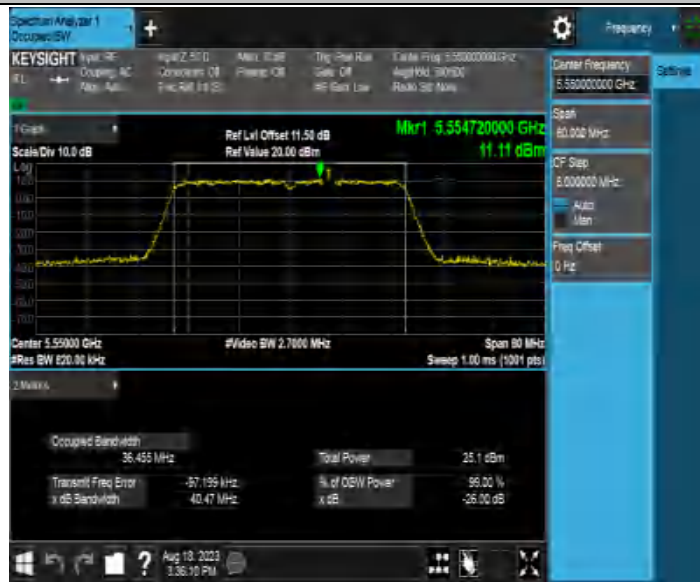
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11N40MIMO_Ant3_5550



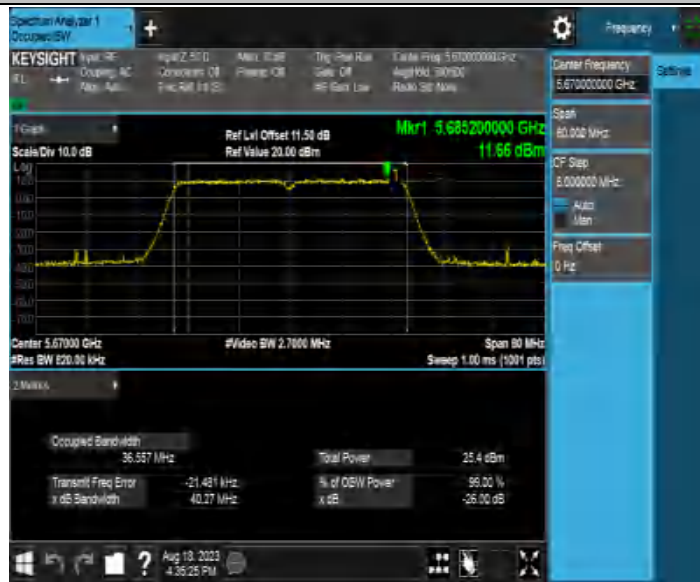
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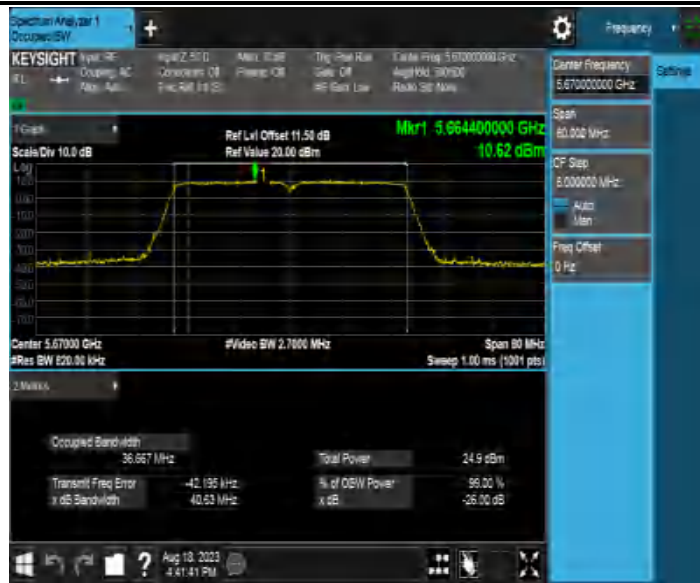
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11N40MIMO_Ant2_5670



11N40MIMO_Ant3_5670



11N40MIMO_Ant4_5670



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



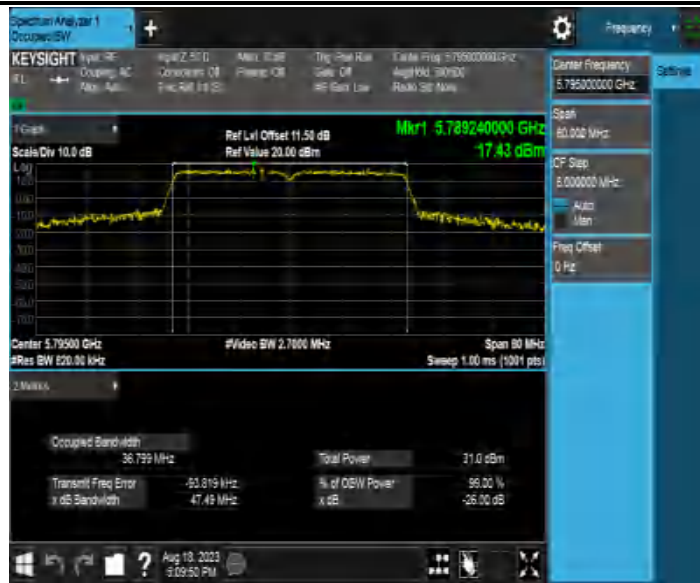
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11N40MIMO_Ant4_5755



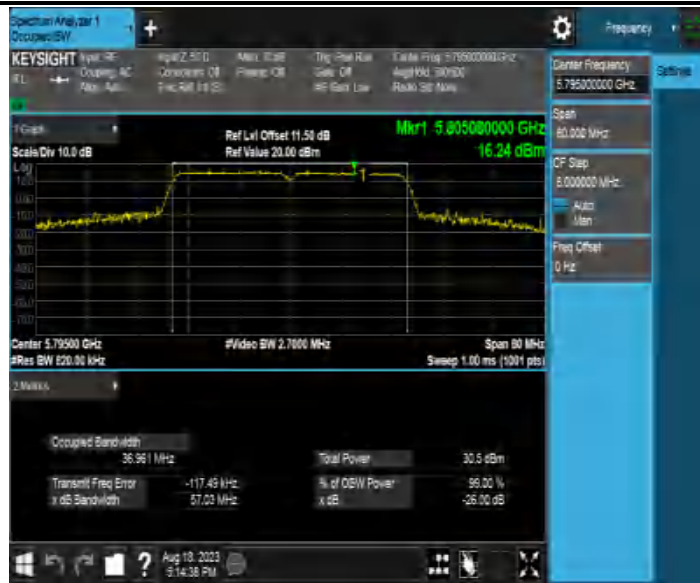
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11N40MIMO_Ant2_5795



11N40MIMO_Ant3_5795



11N40MIMO_Ant4_5795



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



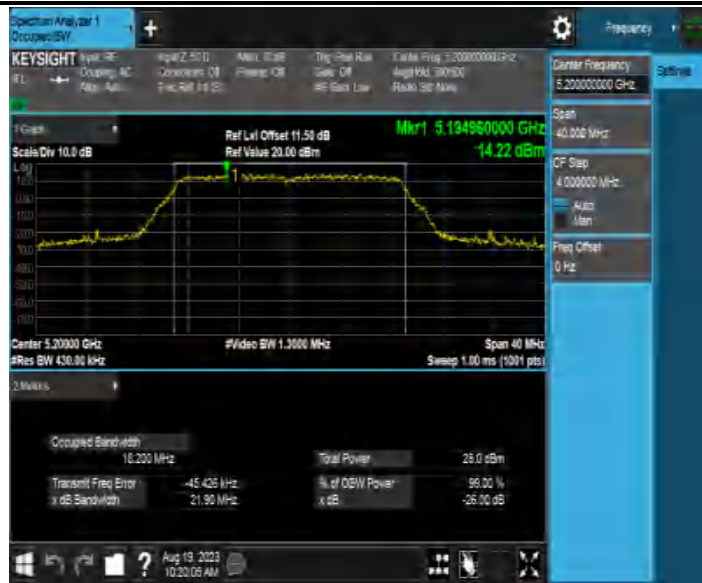
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11AC20MIMO_Ant4_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



11AC20MIMO_Ant3_5200



11AC20MIMO_Ant4_5200



11AC20MIMO_Ant1_5240



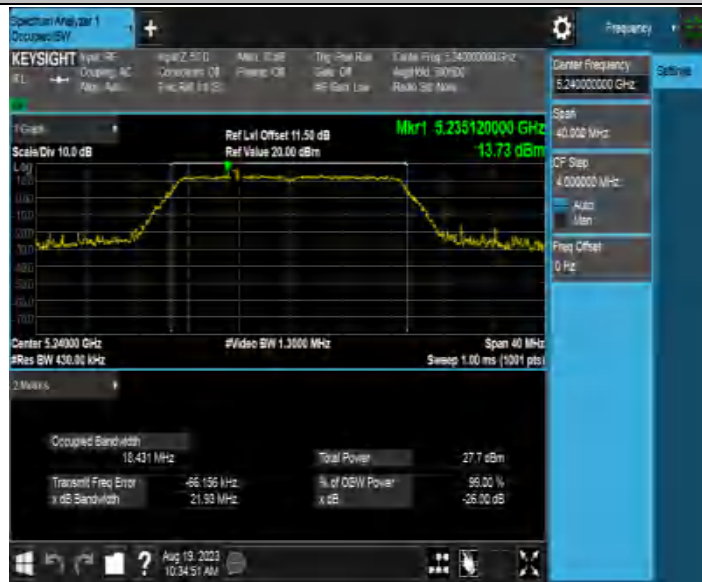
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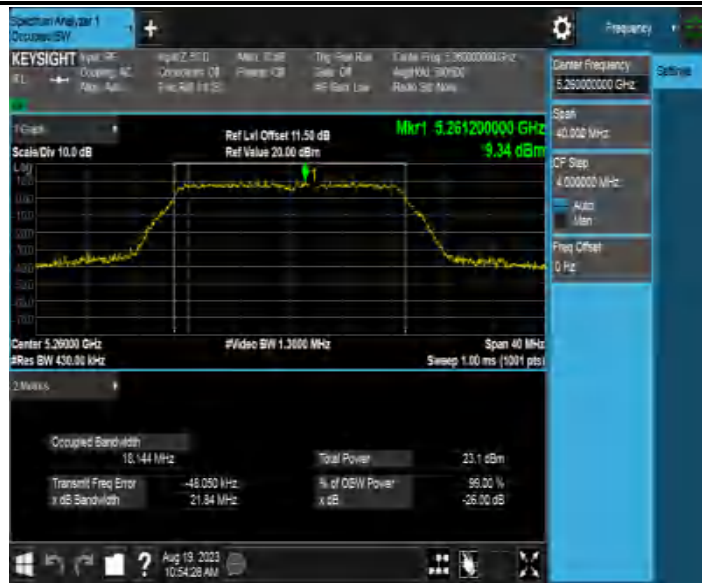
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11AC20MIMO_Ant4_5240



11AC20MIMO_Ant1_5260



11AC20MIMO_Ant2_5260



11AC20MIMO_Ant3_5260



11AC20MIMO_Ant1_5300



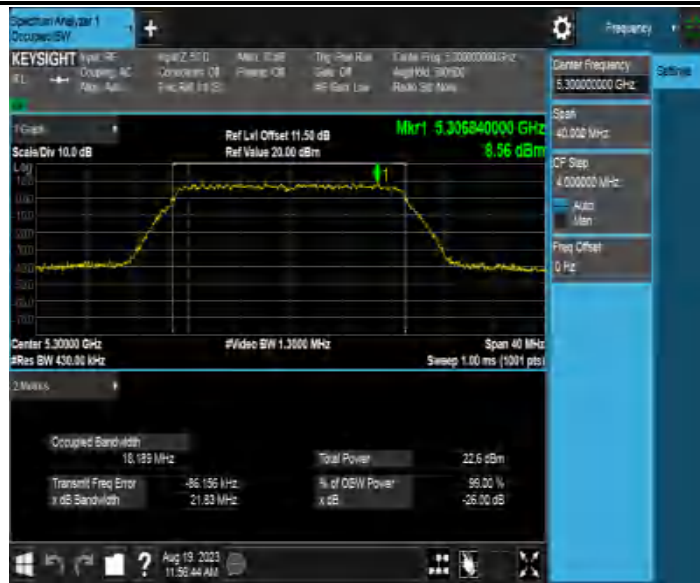
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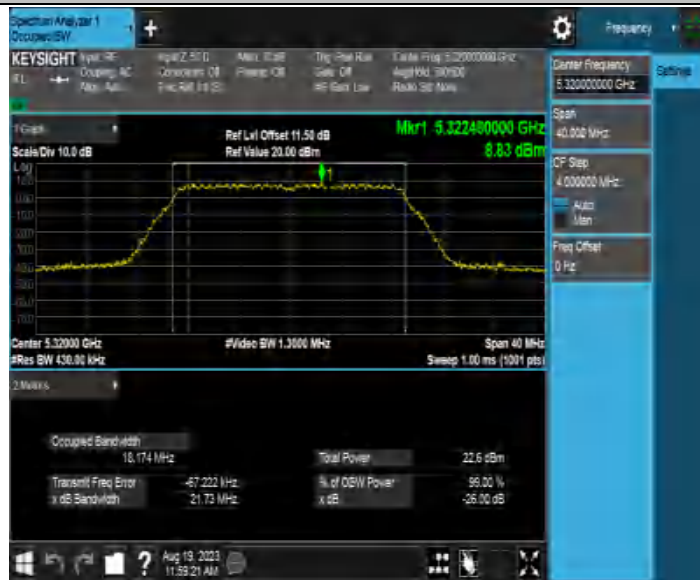
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11AC20MIMO_Ant4_5300



11AC20MIMO_Ant1_5320



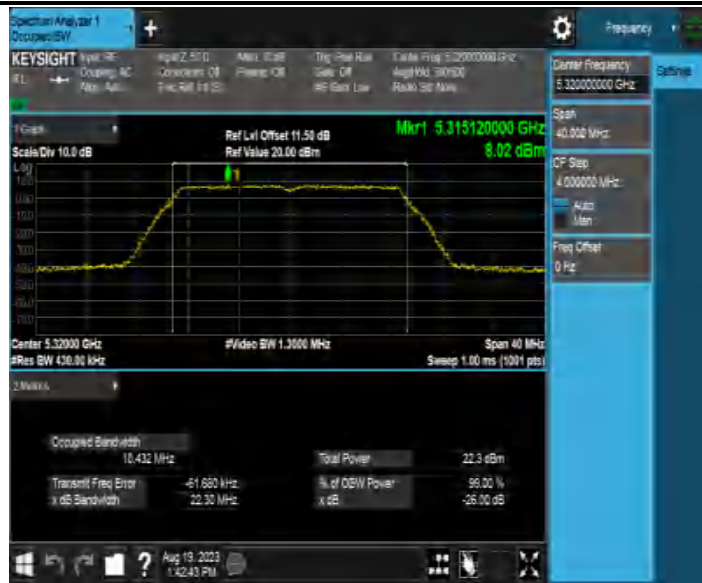
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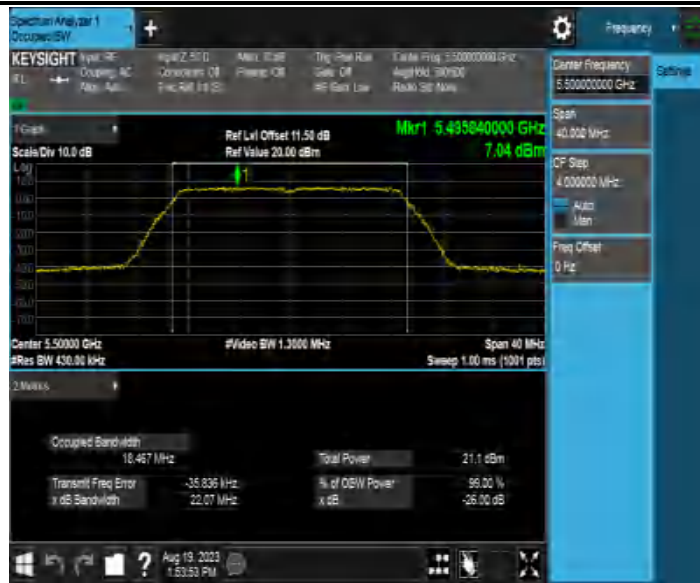
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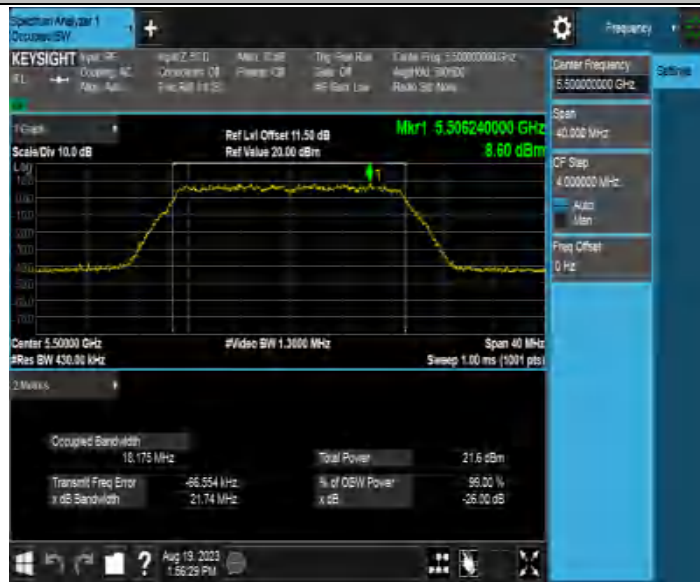
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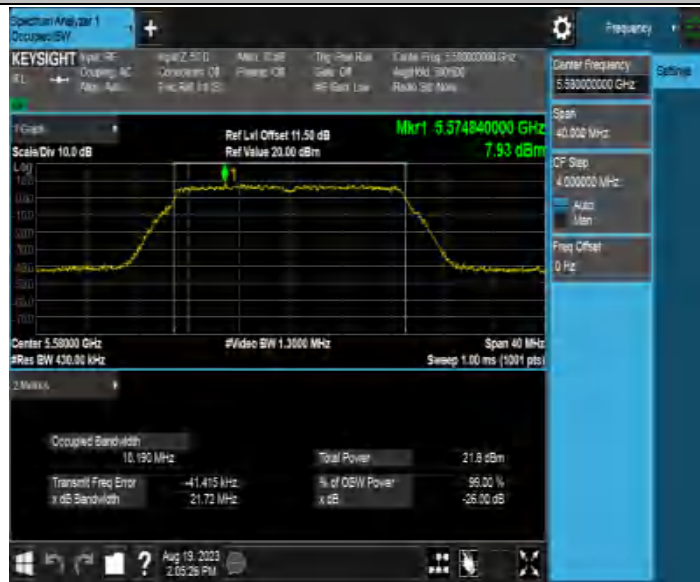
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11AC20MIMO_Ant4_5500



11AC20MIMO_Ant1_5580



11AC20MIMO_Ant2_5580



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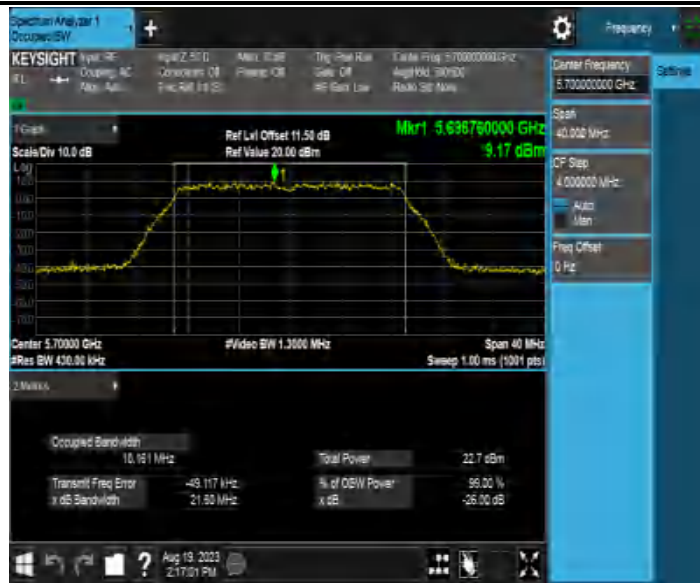
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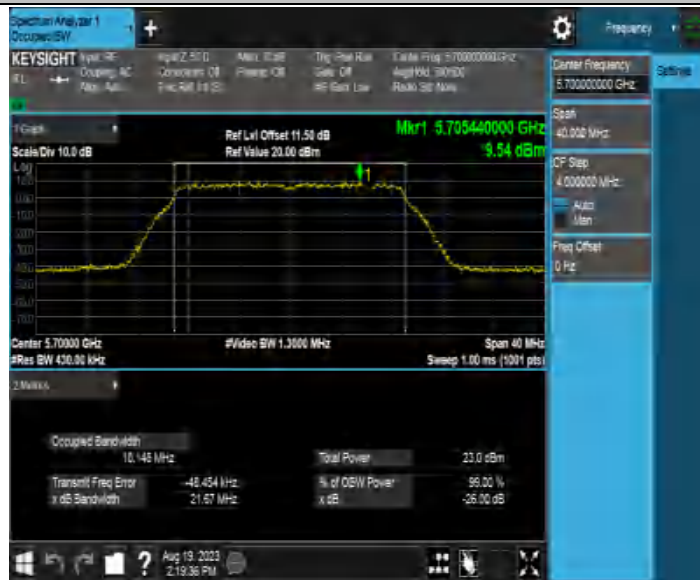
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11AC20MIMO_Ant2_5700



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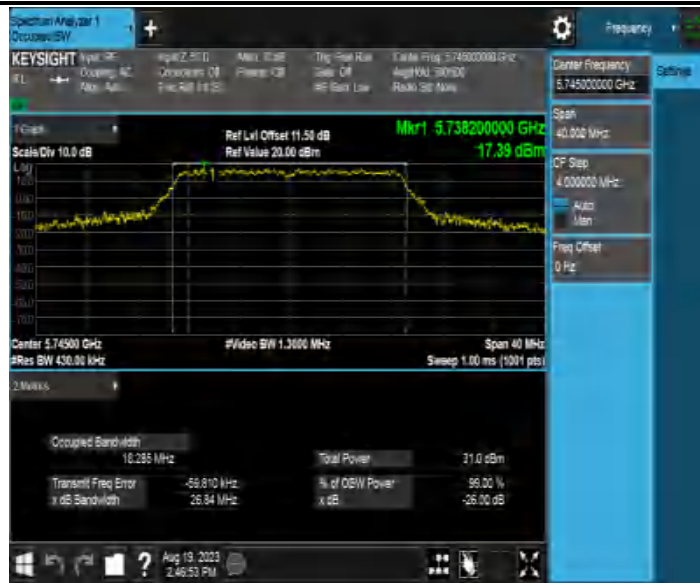
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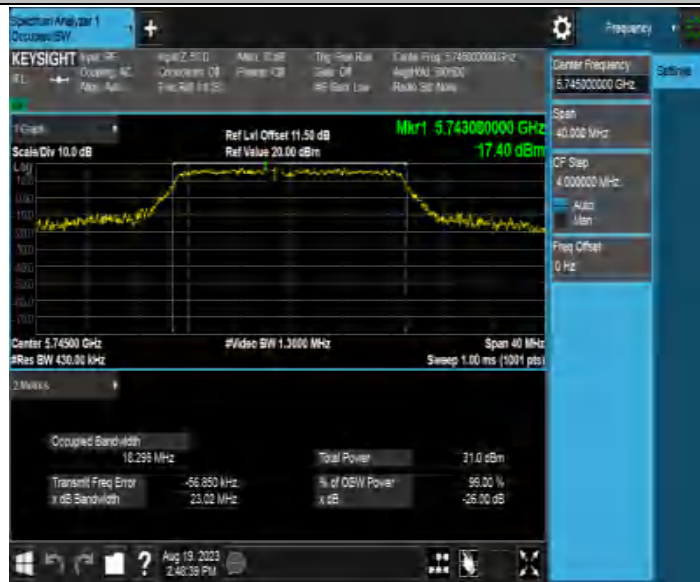
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11AC20MIMO_Ant3_5745



11AC20MIMO_Ant4_5745



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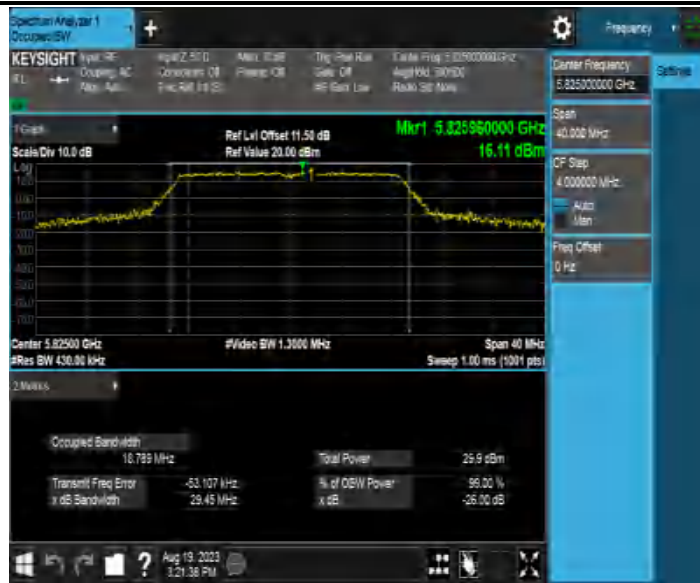
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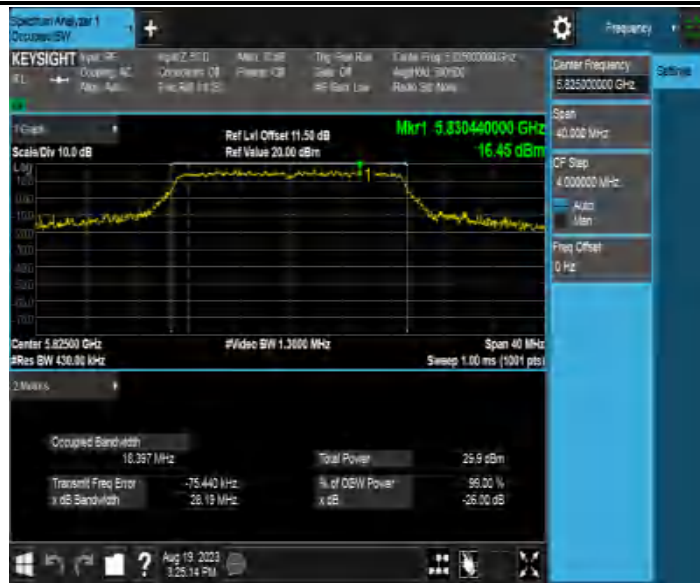
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11AC20MIMO_Ant2_5825



11AC20MIMO_Ant3_5825



11AC20MIMO_Ant4_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



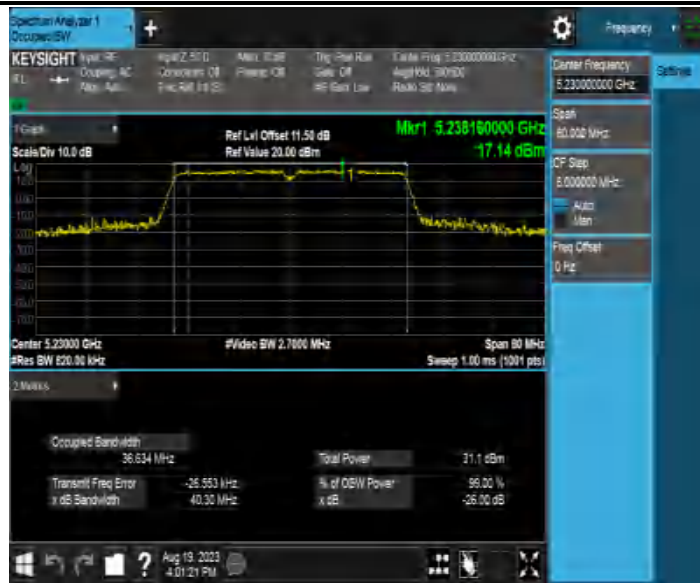
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11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



11AC40MIMO_Ant3_5230