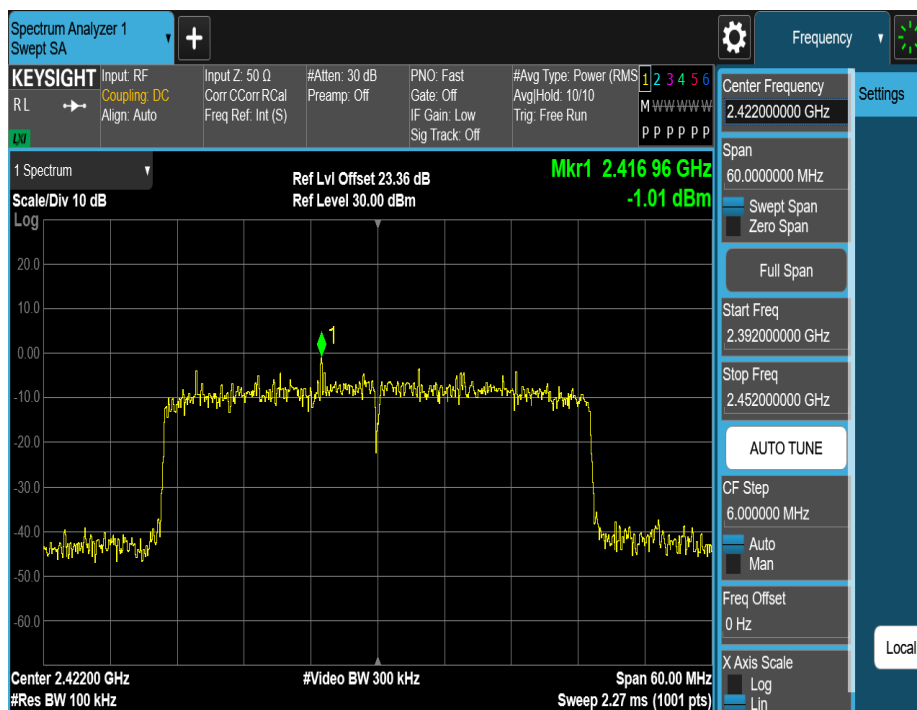


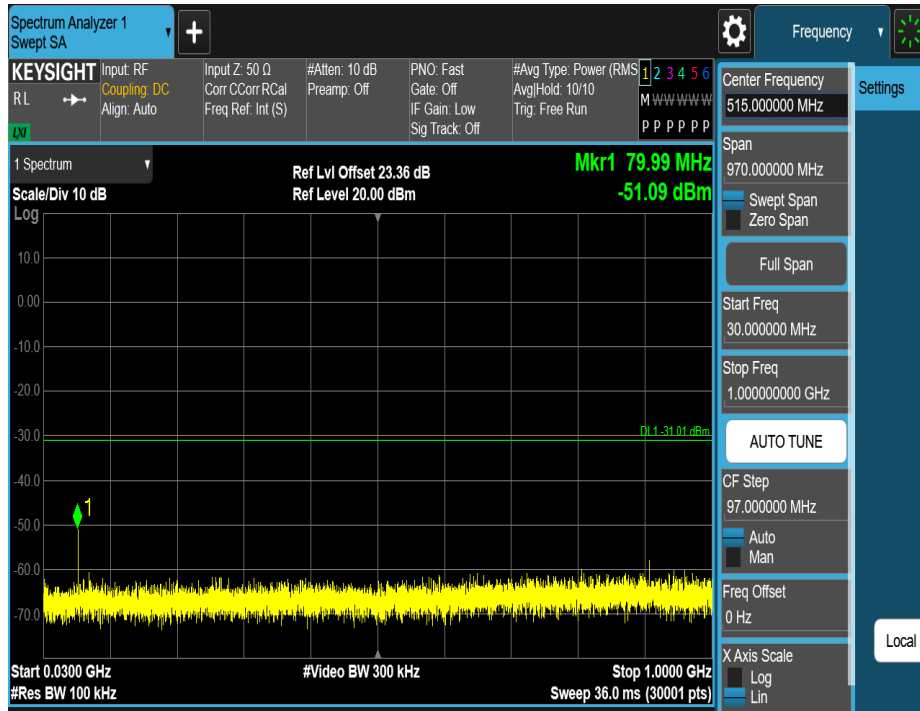
11AX40MIMO_Ant1_2422_1000~26500



11AX40MIMO_Ant2_2422_0~Reference



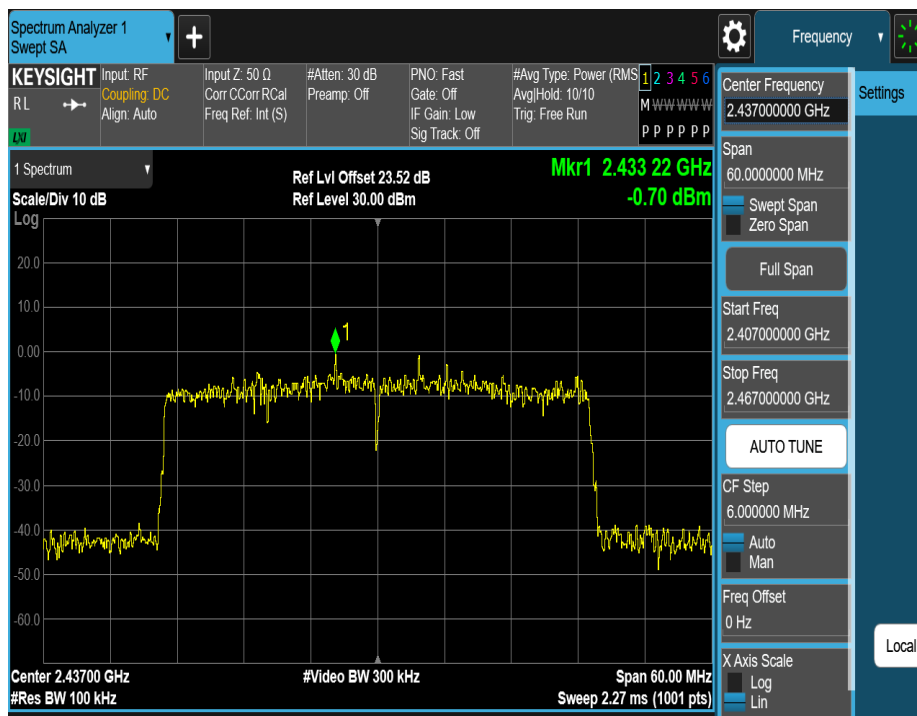
11AX40MIMO_Ant2_2422_30~1000



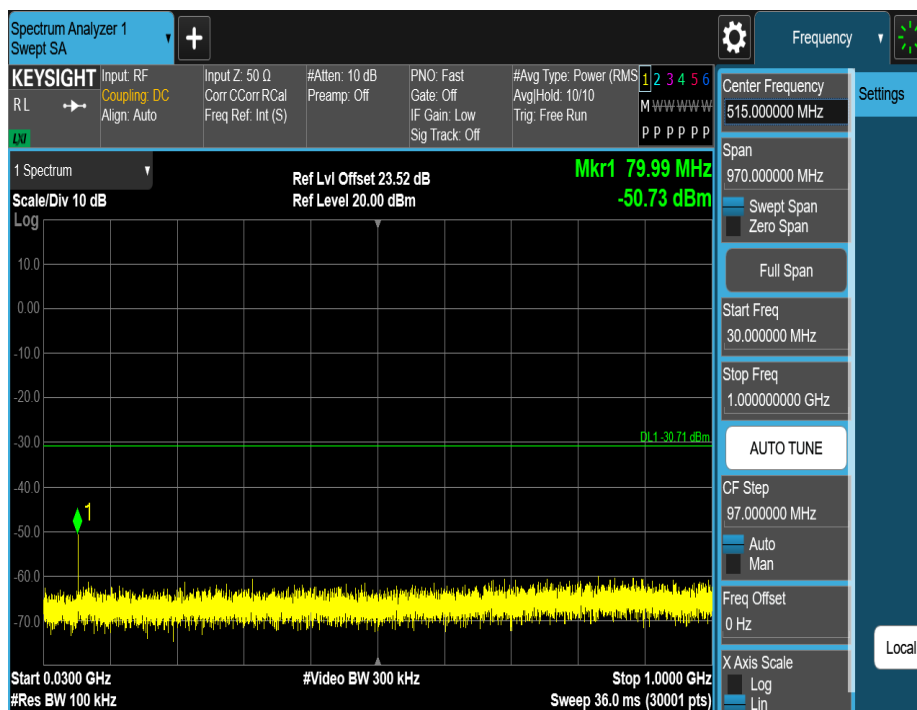
11AX40MIMO_Ant2_2422_1000~26500



11AX40MIMO_Ant1_2437_0~Reference



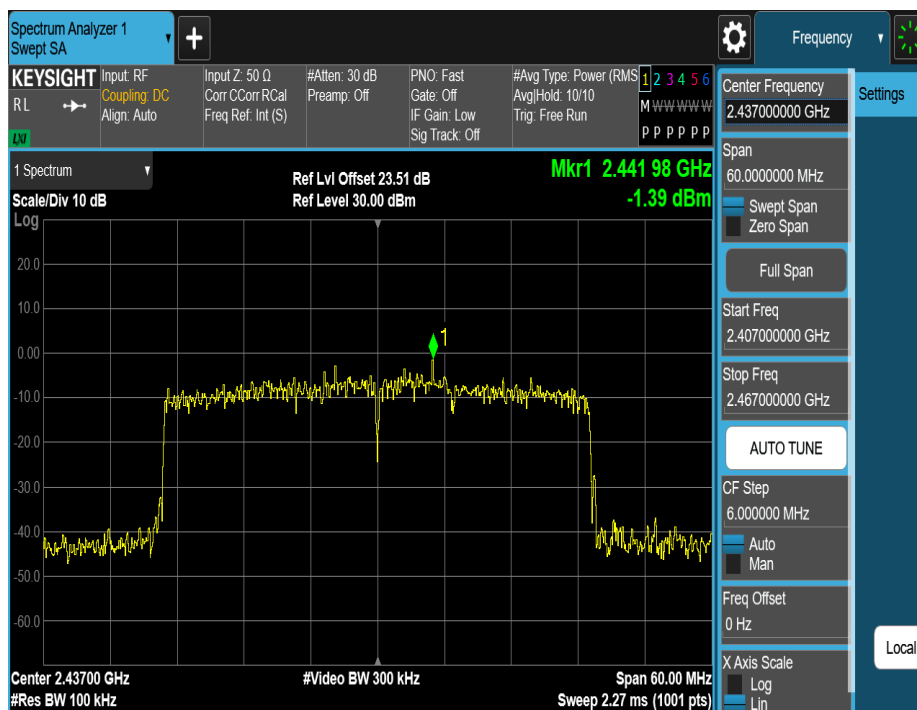
11AX40MIMO_Ant1_2437_30~1000



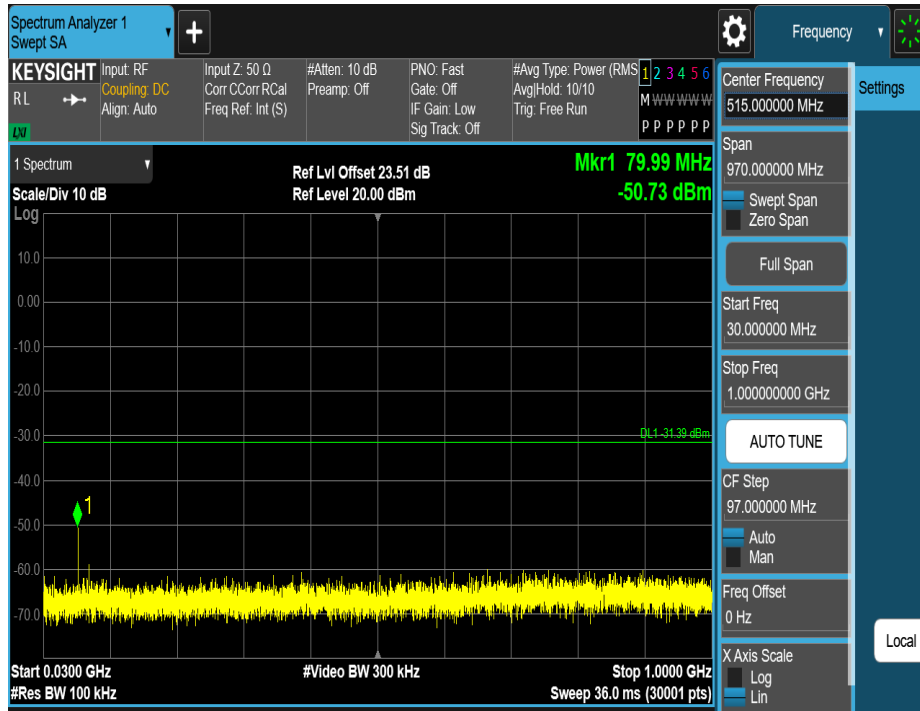
11AX40MIMO_Ant1_2437_1000~26500



11AX40MIMO_Ant2_2437_0~Reference



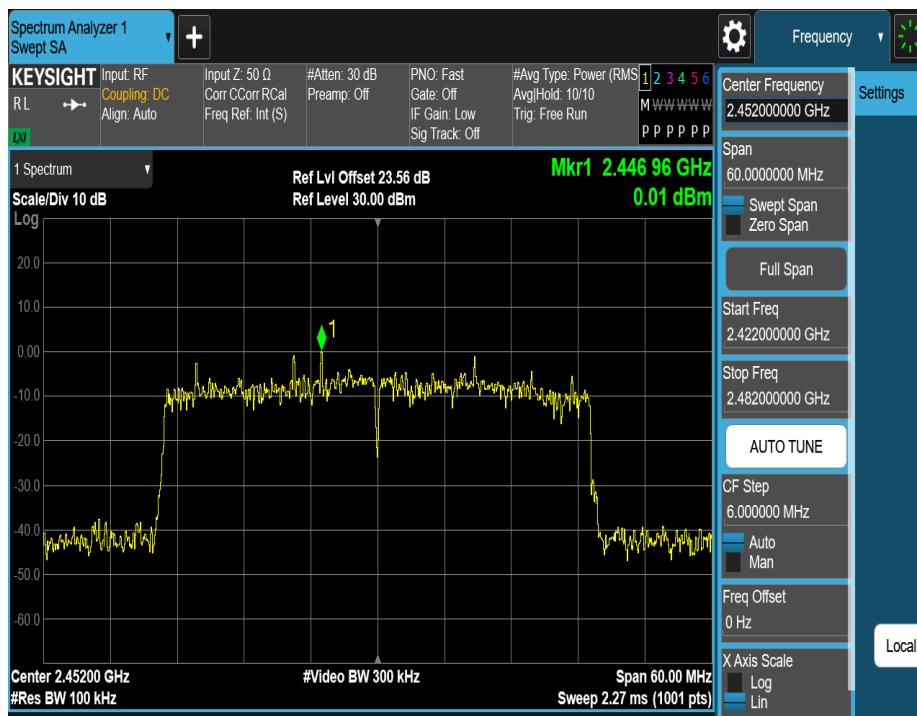
11AX40MIMO_Ant2_2437_30~1000



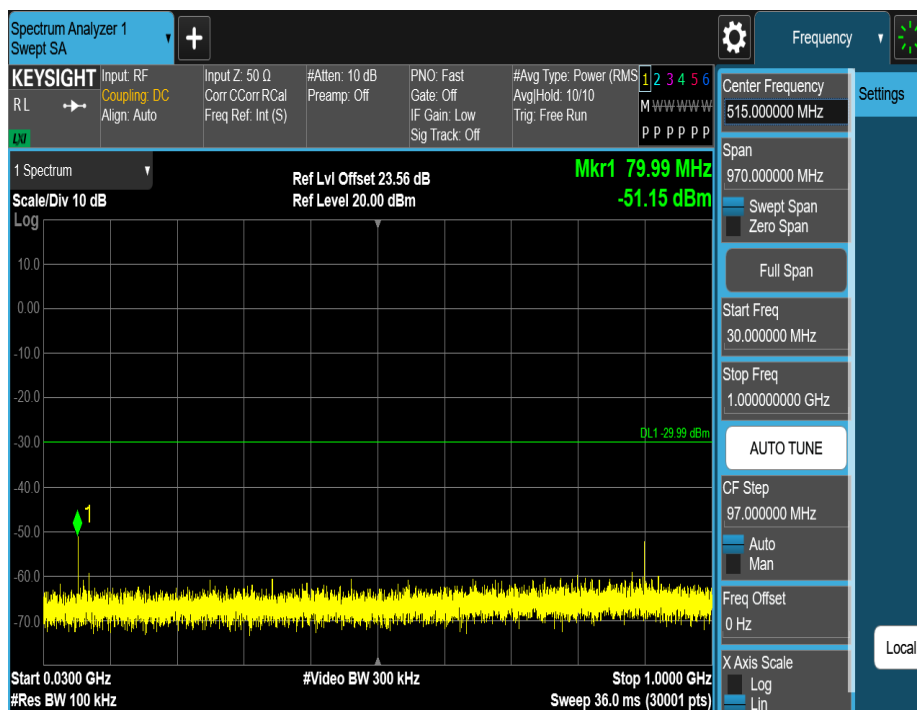
11AX40MIMO_Ant2_2437_1000~26500



11AX40MIMO_Ant1_2452_0~Reference



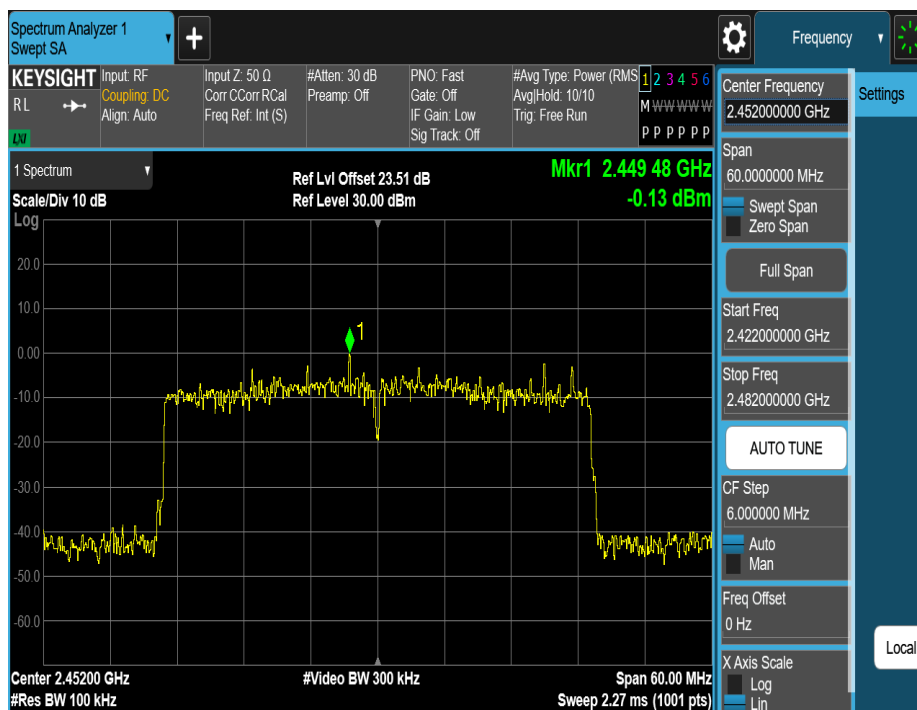
11AX40MIMO_Ant1_2452_30~1000



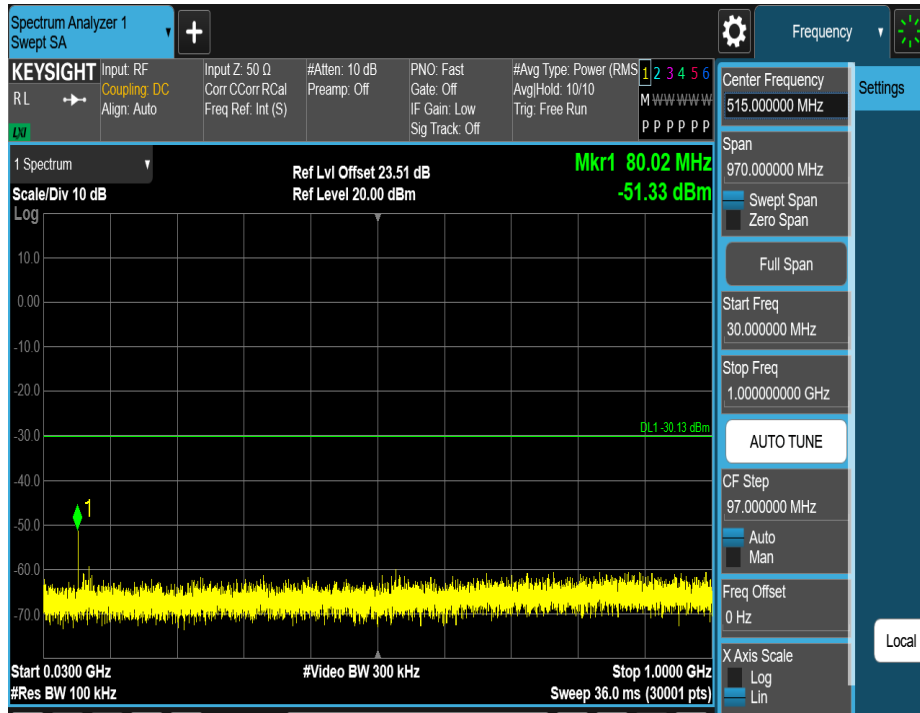
11AX40MIMO_Ant1_2452_1000~26500



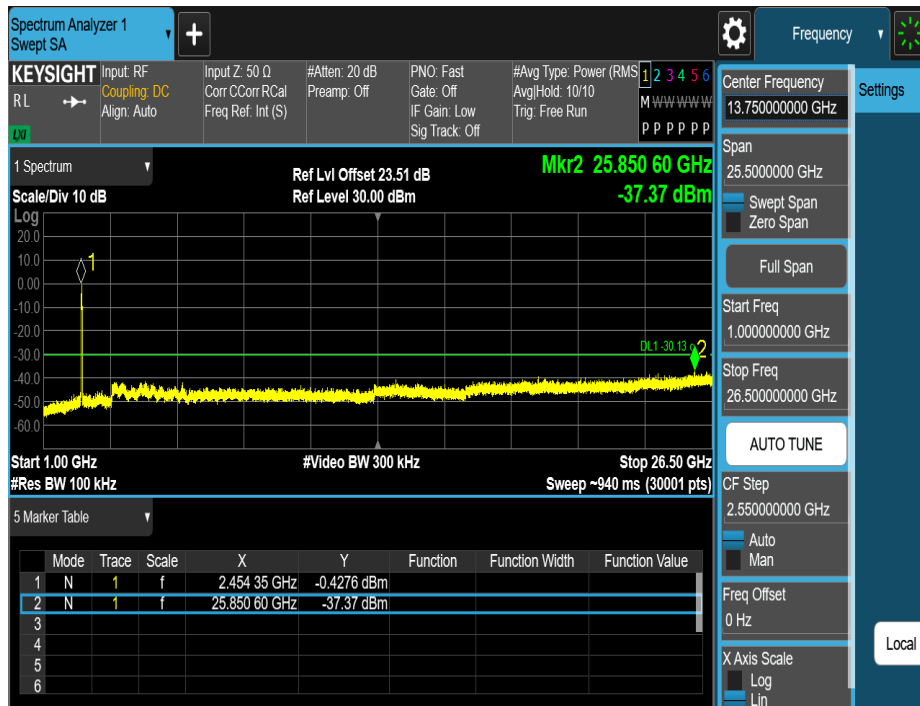
11AX40MIMO_Ant2_2452_0~Reference



11AX40MIMO_Ant2_2452_30~1000

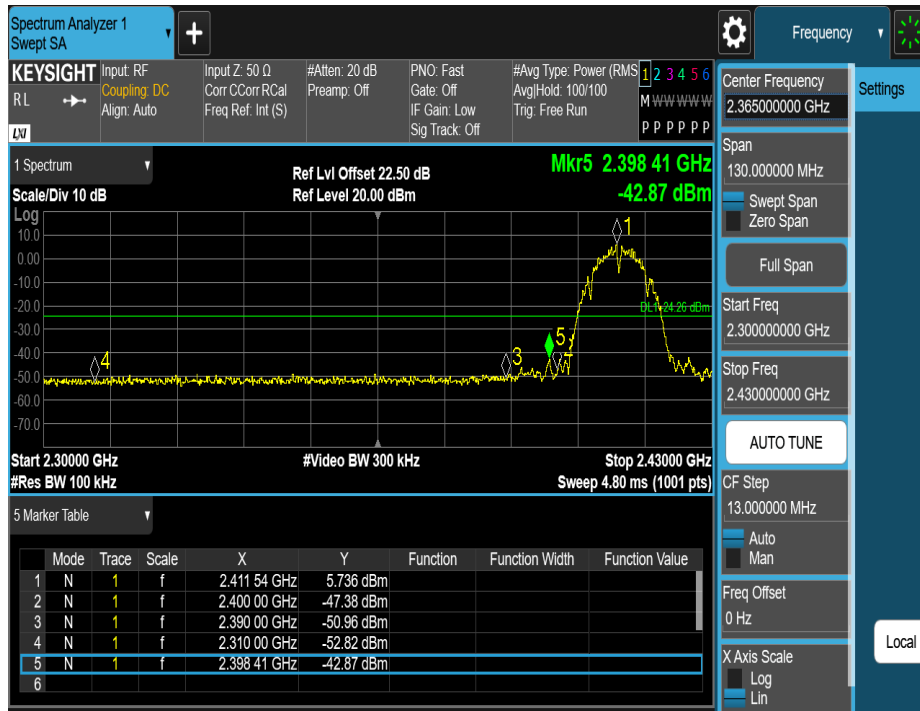


11AX40MIMO_Ant2_2452_1000~26500

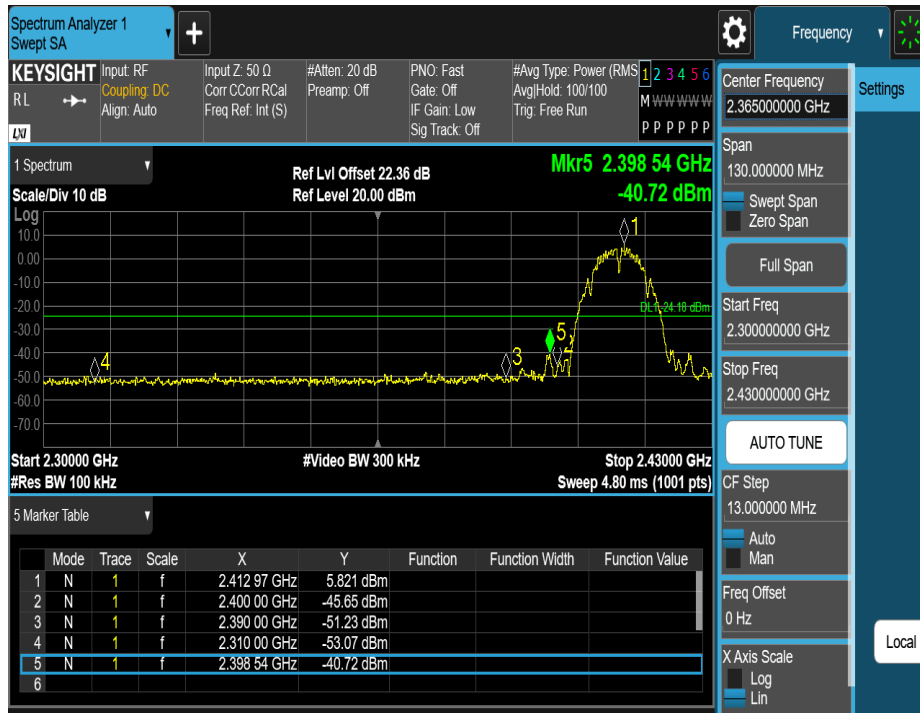


Band edge

11B_Ant1_Low_2412



11B_Ant2_Low_2412



11B_Ant1_High_2462



11B_Ant2_High_2462



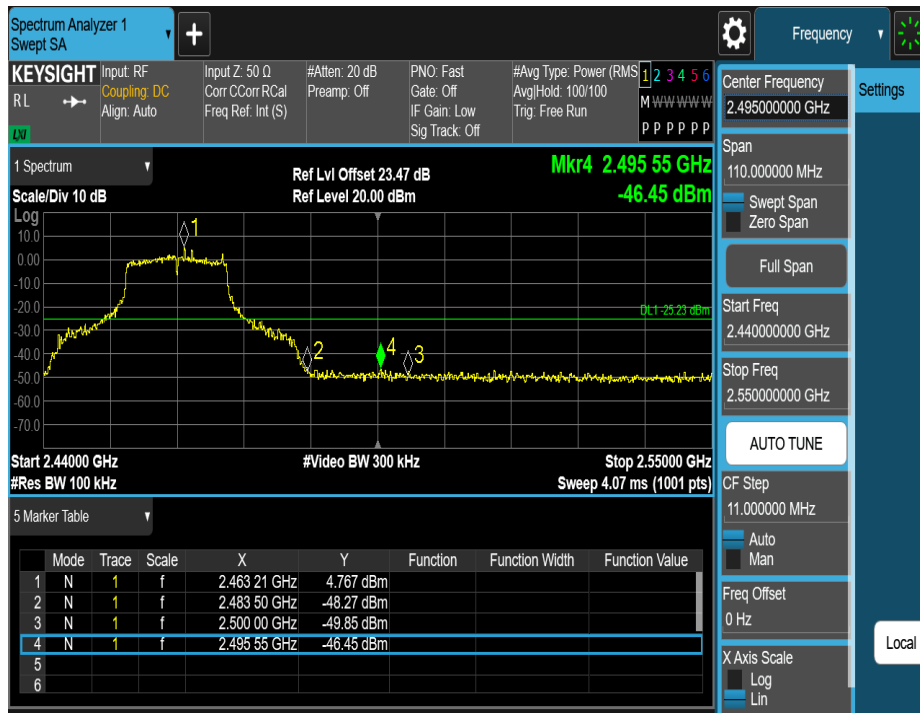
11G_Ant1_Low_2412



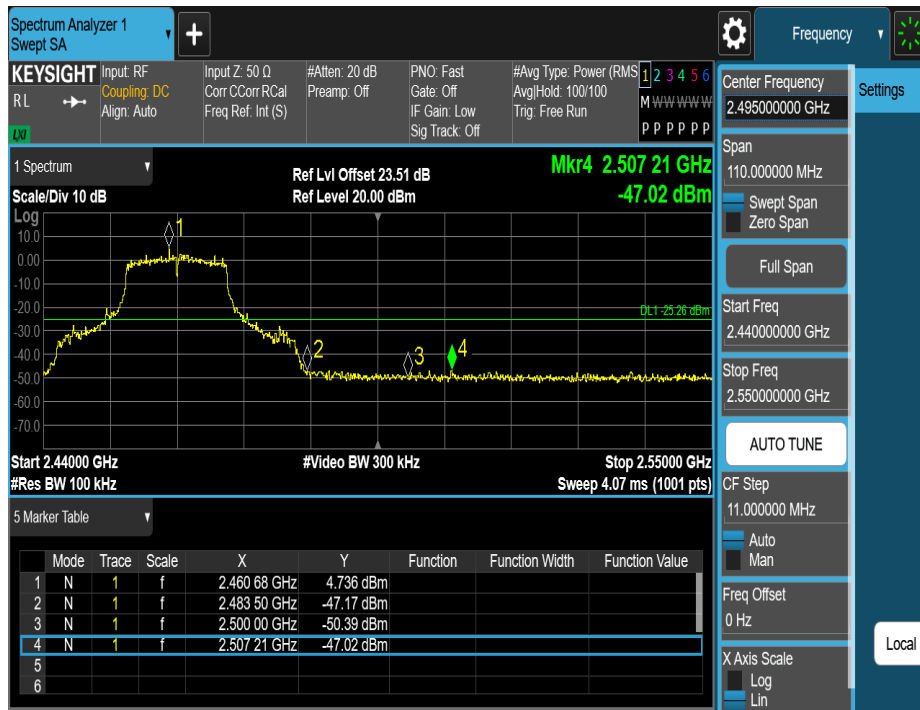
11G_Ant2_Low_2412



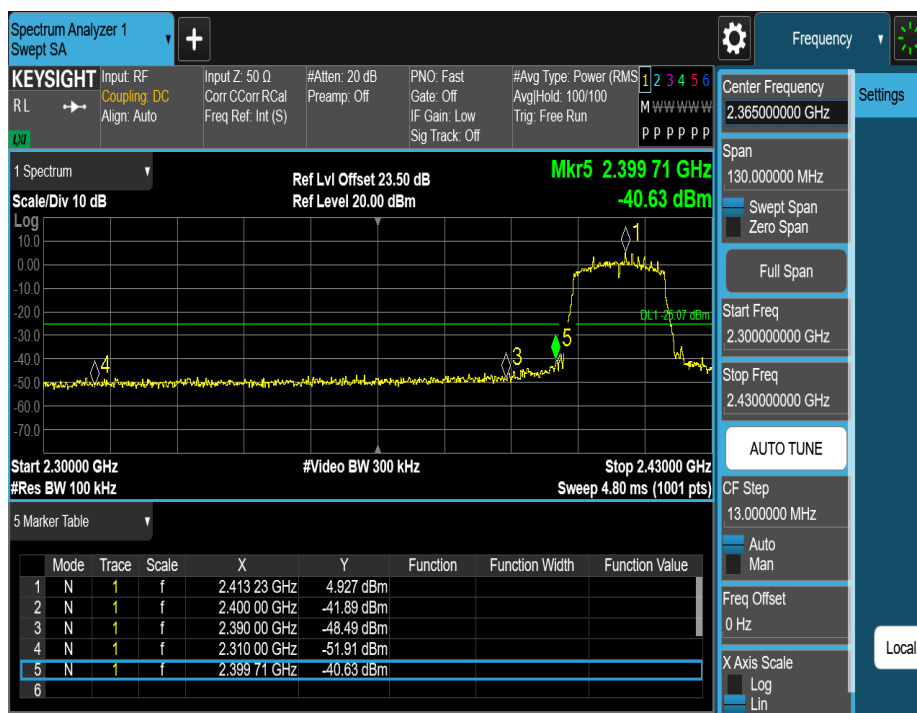
11G_Ant1_High_2462



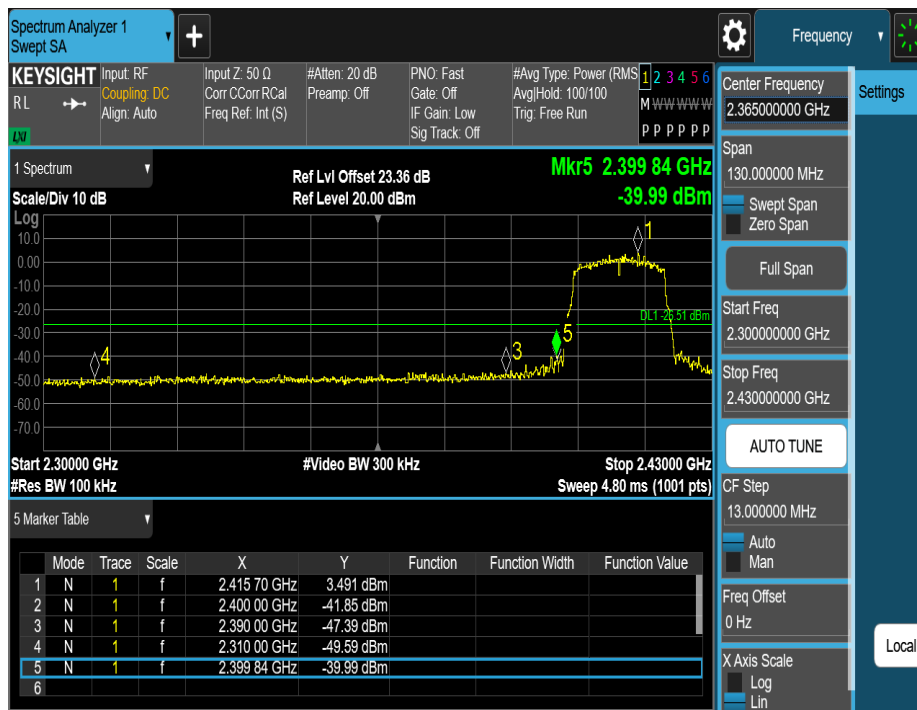
11G_Ant2_High_2462



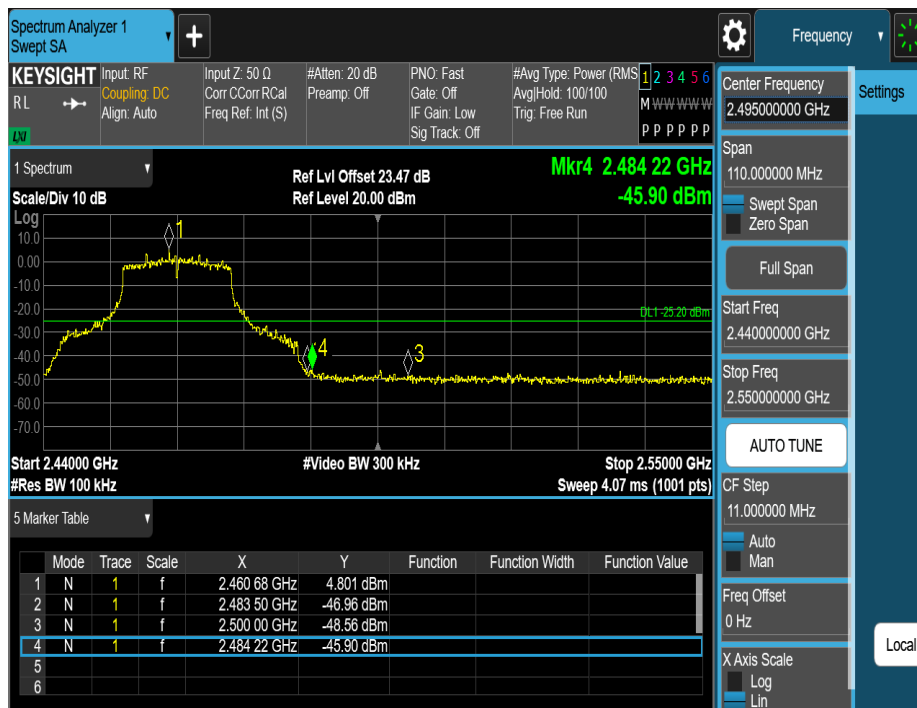
11N20MIMO_Ant1_Low_2412



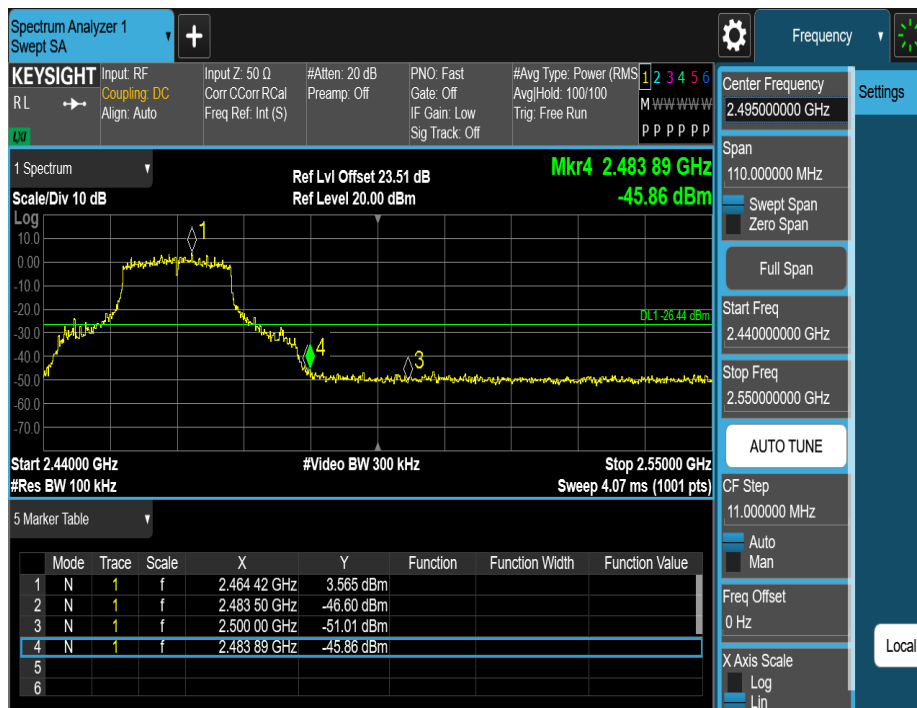
11N20MIMO_Ant2_Low_2412



11N20MIMO_Ant1_High_2462



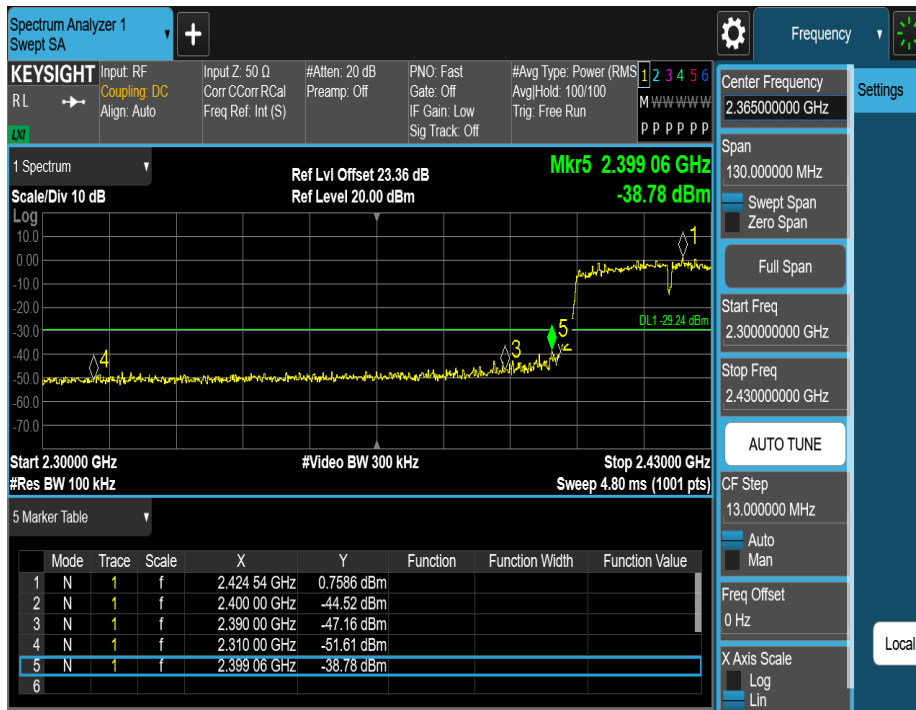
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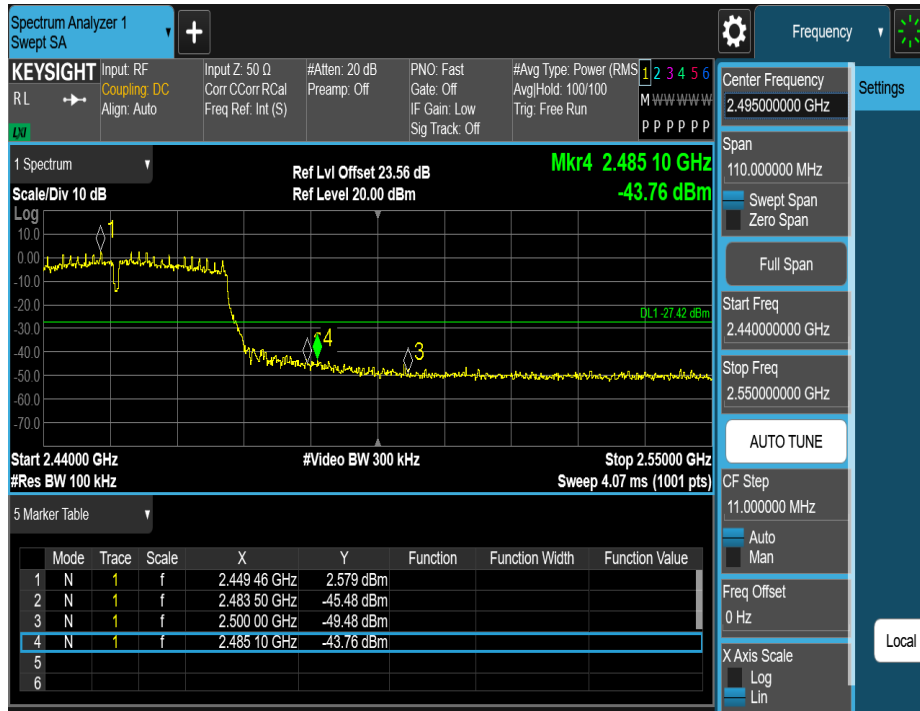
11N40MIMO_Ant1_Low_2422



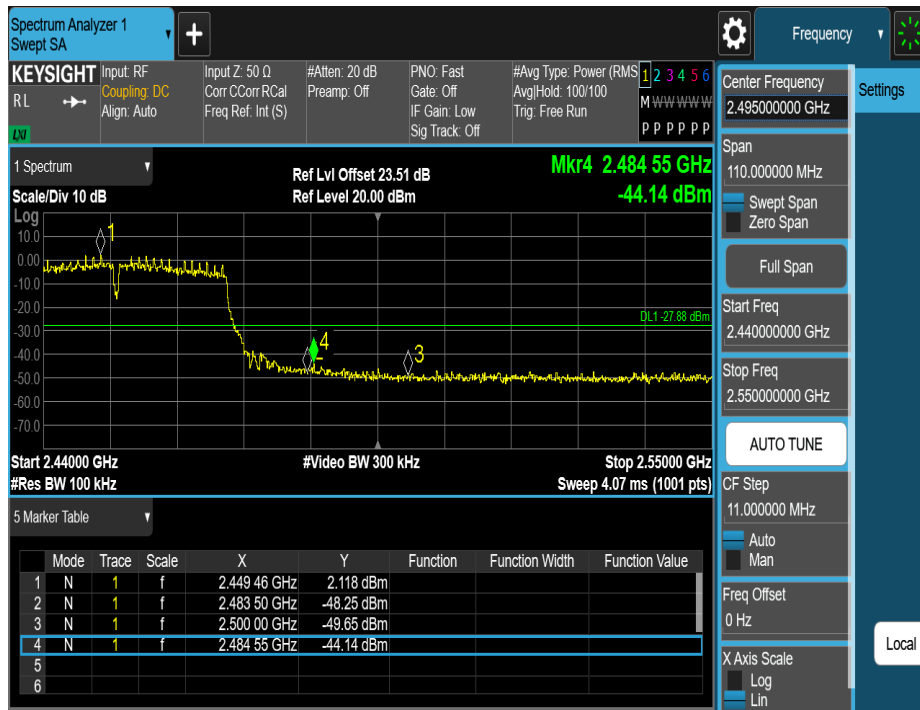
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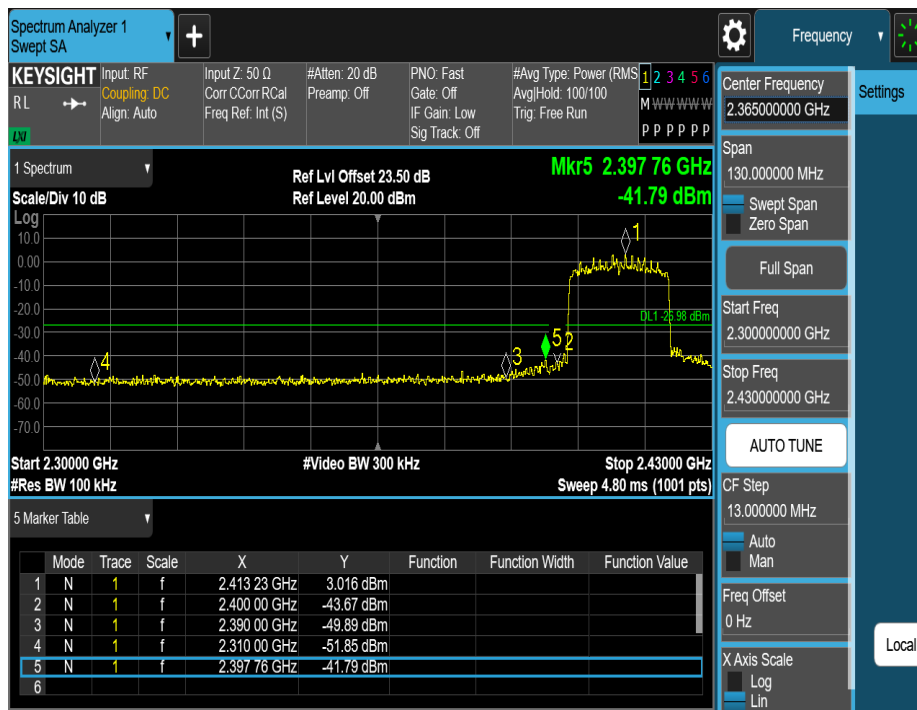
11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452



11AX20MIMO_Ant1_Low_2412



11AX20MIMO_Ant2_Low_2412



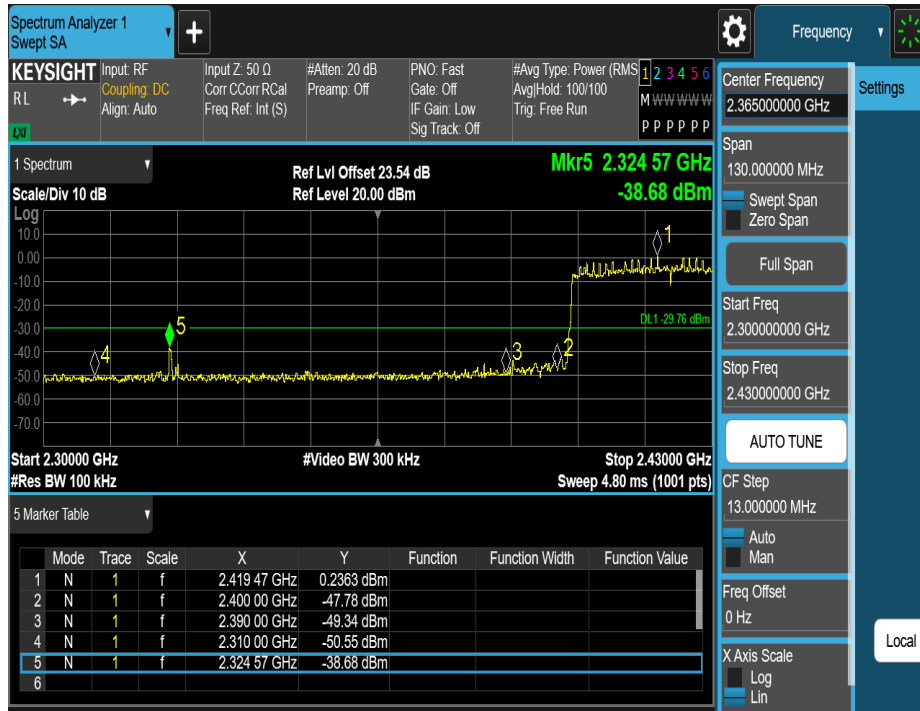
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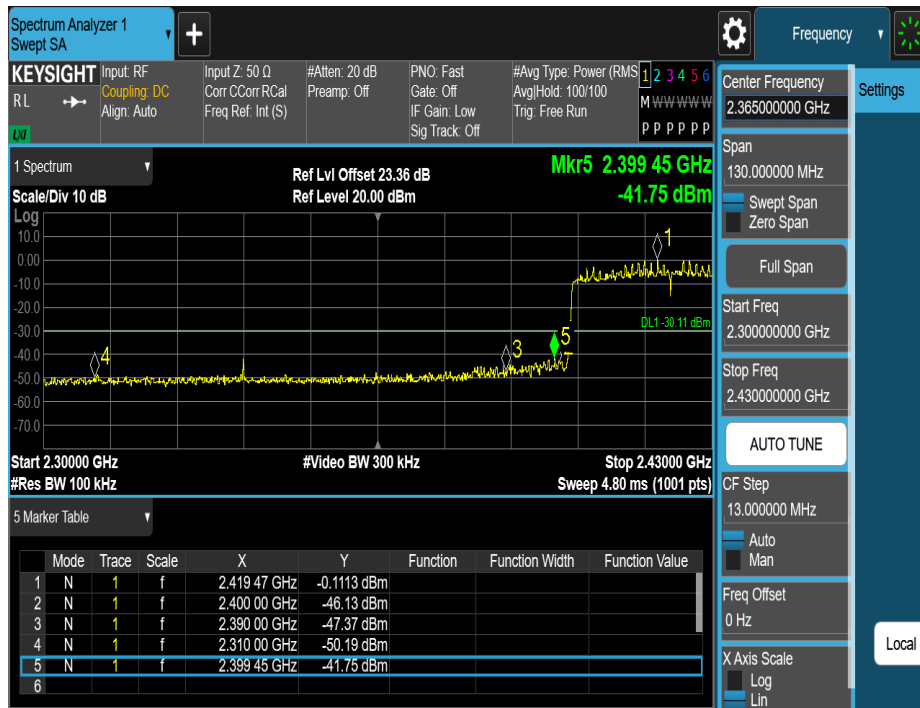
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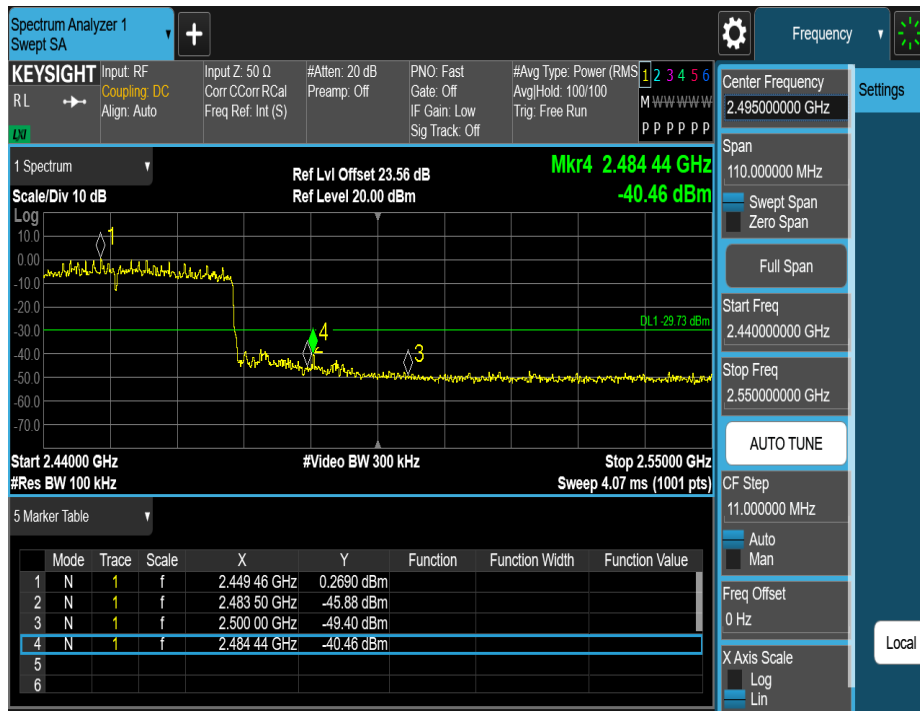
11AX40MIMO_Ant1_Low_2422



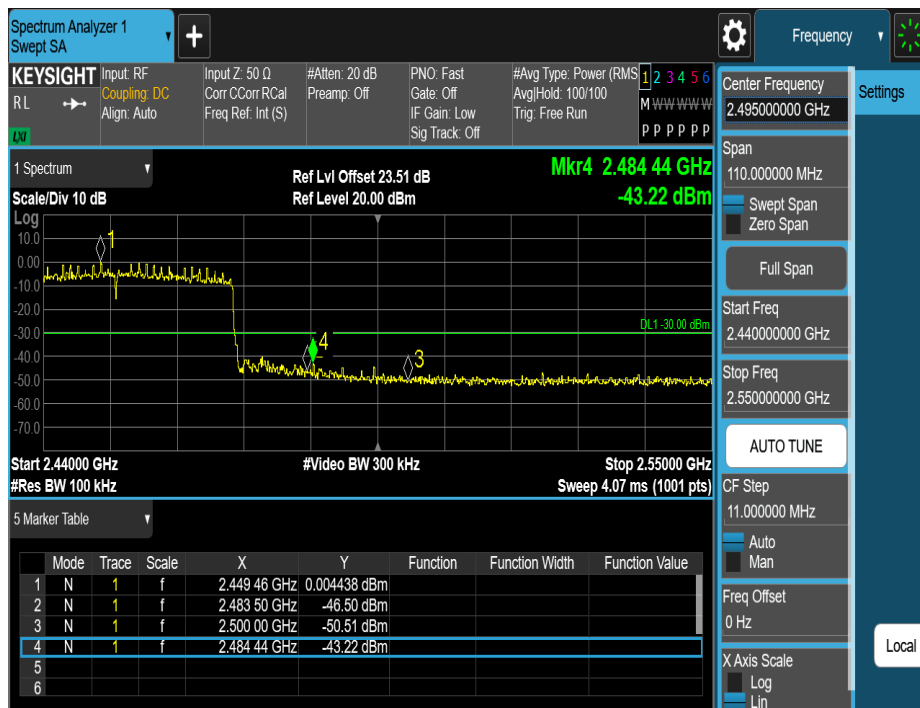
11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452



3.4 6dB Bandwidth

3.4.1 Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

3.4.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

a) The EUT was connected to the tonscend test system, and the spectrum analyser is set as follow:

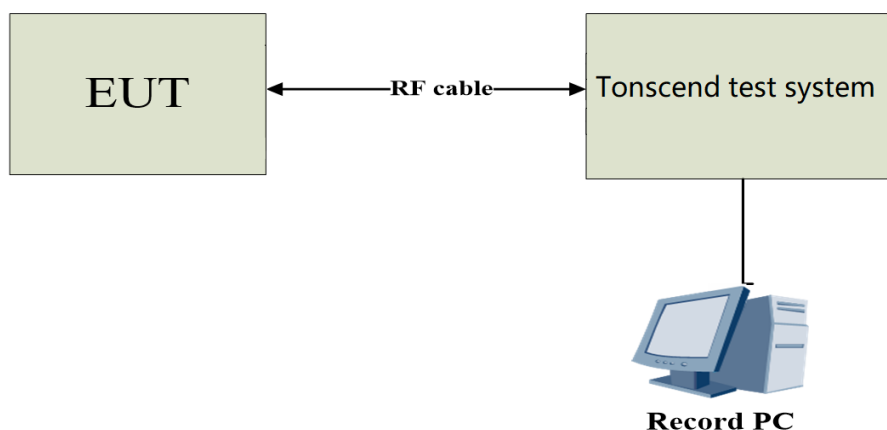
Centre Frequency	The centre frequency of the channel under test
RBW	100kHz
VBW	300kHz
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

b) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.

c) Use the -6dB bandwidth function of the spectrum analyser to measure the 6dB Bandwidth of the EUT. This value shall be recorded.

d) 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.

3.4.3 Test Setup



3.4.4 Test Result

DTS Bandwidth

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	6.600	2408.440	2415.040	0.5	PASS
	Ant2	2412	6.600	2408.920	2415.520	0.5	PASS
	Ant1	2437	7.560	2432.960	2440.520	0.5	PASS
	Ant2	2437	7.080	2433.440	2440.520	0.5	PASS
	Ant1	2462	6.600	2458.920	2465.520	0.5	PASS
	Ant2	2462	6.080	2458.920	2465.000	0.5	PASS
11G	Ant1	2412	13.800	2405.440	2419.240	0.5	PASS
	Ant2	2412	12.280	2406.320	2418.600	0.5	PASS
	Ant1	2437	16.320	2428.840	2445.160	0.5	PASS
	Ant2	2437	16.280	2428.840	2445.120	0.5	PASS
	Ant1	2462	16.360	2453.800	2470.160	0.5	PASS
	Ant2	2462	16.320	2453.800	2470.120	0.5	PASS
11N20MIMO	Ant1	2412	16.640	2403.840	2420.480	0.5	PASS
	Ant2	2412	16.920	2403.840	2420.760	0.5	PASS
	Ant1	2437	17.560	2428.200	2445.760	0.5	PASS
	Ant2	2437	17.480	2428.240	2445.720	0.5	PASS
	Ant1	2462	17.560	2453.200	2470.760	0.5	PASS
	Ant2	2462	14.440	2455.680	2470.120	0.5	PASS
11N40MIMO	Ant1	2422	30.080	2406.960	2437.040	0.5	PASS
	Ant2	2422	33.760	2404.480	2438.240	0.5	PASS
	Ant1	2437	35.040	2419.480	2454.520	0.5	PASS
	Ant2	2437	27.520	2423.240	2450.760	0.5	PASS
	Ant1	2452	34.800	2434.080	2468.880	0.5	PASS
	Ant2	2452	34.800	2434.720	2469.520	0.5	PASS
11AX20MIMO	Ant1	2412	15.080	2404.400	2419.480	0.5	PASS
	Ant2	2412	13.960	2404.400	2418.360	0.5	PASS
	Ant1	2437	14.800	2430.640	2445.440	0.5	PASS
	Ant2	2437	15.080	2429.400	2444.480	0.5	PASS
	Ant1	2462	16.280	2453.840	2470.120	0.5	PASS
	Ant2	2462	15.080	2454.440	2469.520	0.5	PASS
11AX40MIMO	Ant1	2422	31.360	2408.160	2439.520	0.5	PASS
	Ant2	2422	36.400	2404.400	2440.800	0.5	PASS
	Ant1	2437	33.440	2419.480	2452.920	0.5	PASS
	Ant2	2437	36.400	2419.400	2455.800	0.5	PASS
	Ant1	2452	36.320	2433.200	2469.520	0.5	PASS
	Ant2	2452	35.040	2434.400	2469.440	0.5	PASS

11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412



11G_Ant1_2437



11G_Ant2_2437



11G_Ant1_2462



11G_Ant2_2462





11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437

