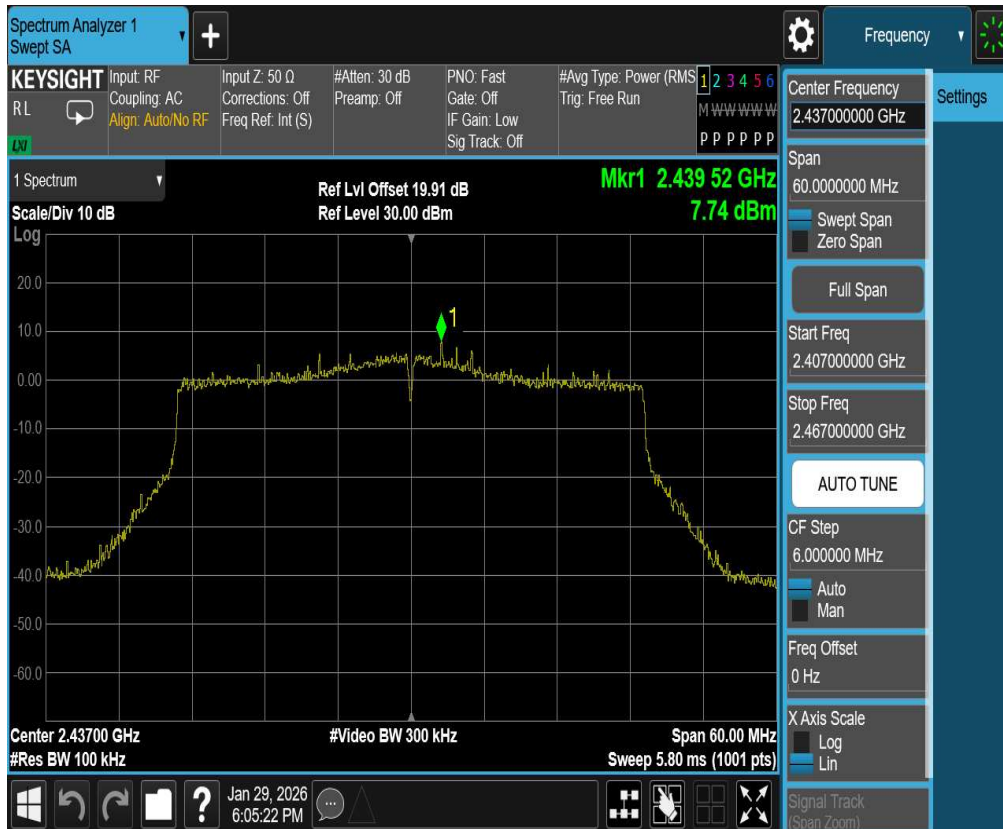
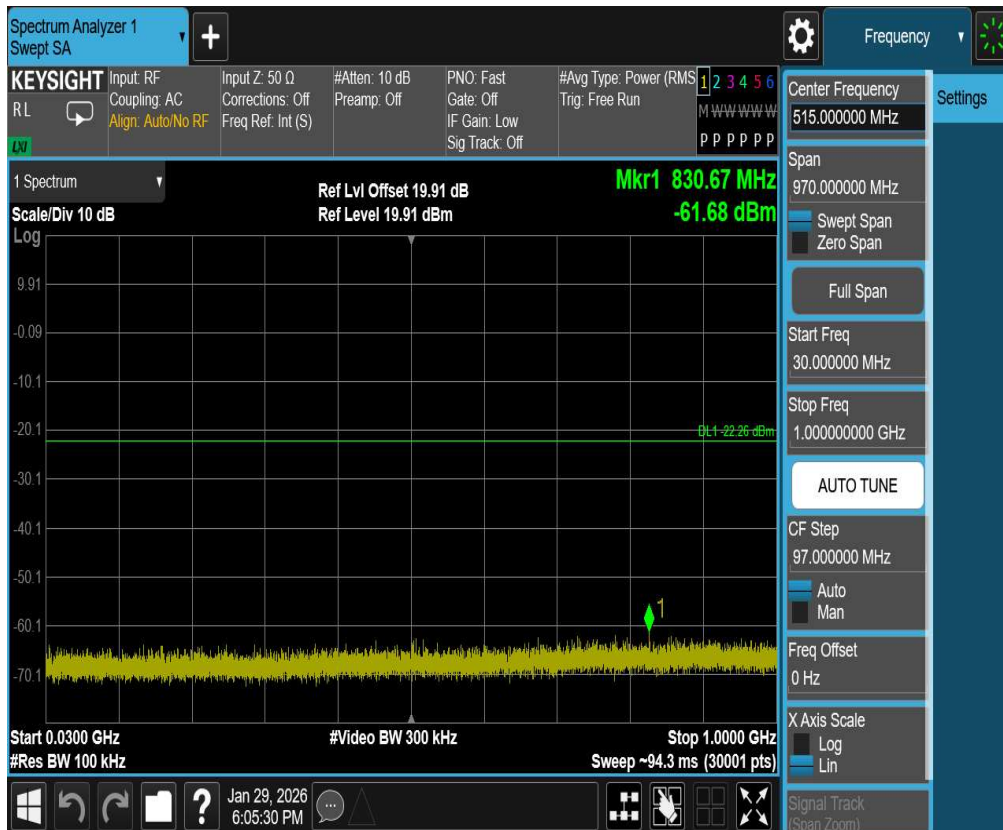


11BE40MIMO_Ant0_2437_0~Reference



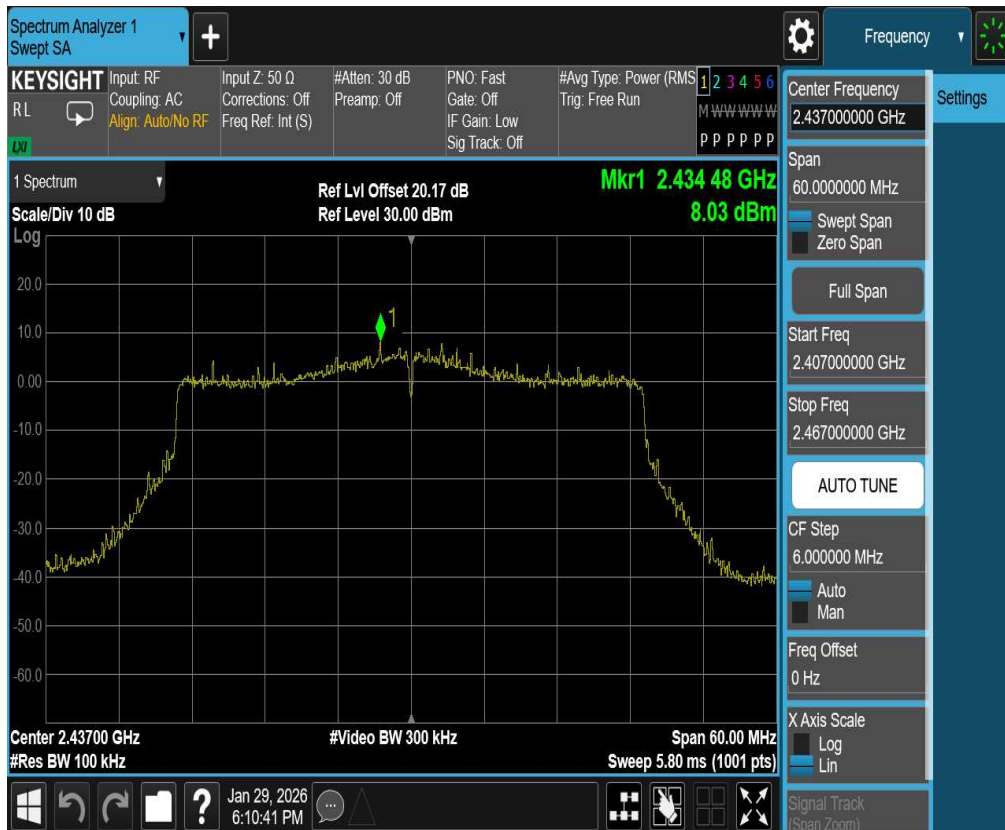
11BE40MIMO_Ant0_2437_30~1000



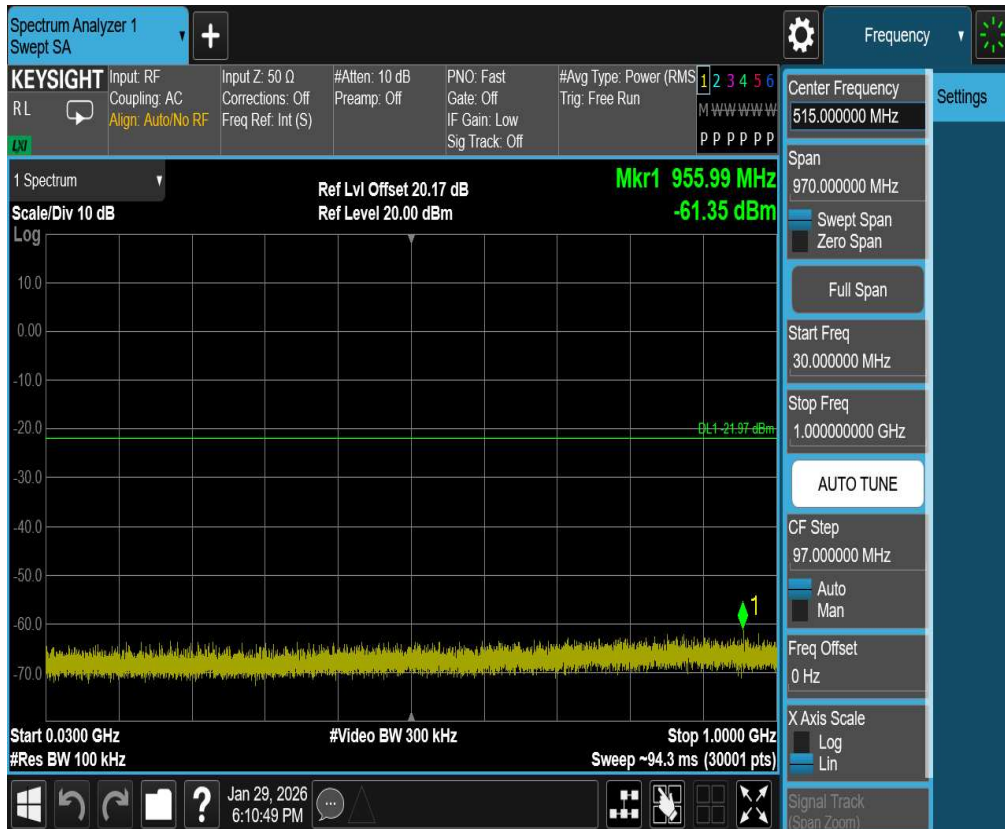
11BE40MIMO_Ant0_2437_1000~26500



11BE40MIMO_Ant1_2437_0~Reference



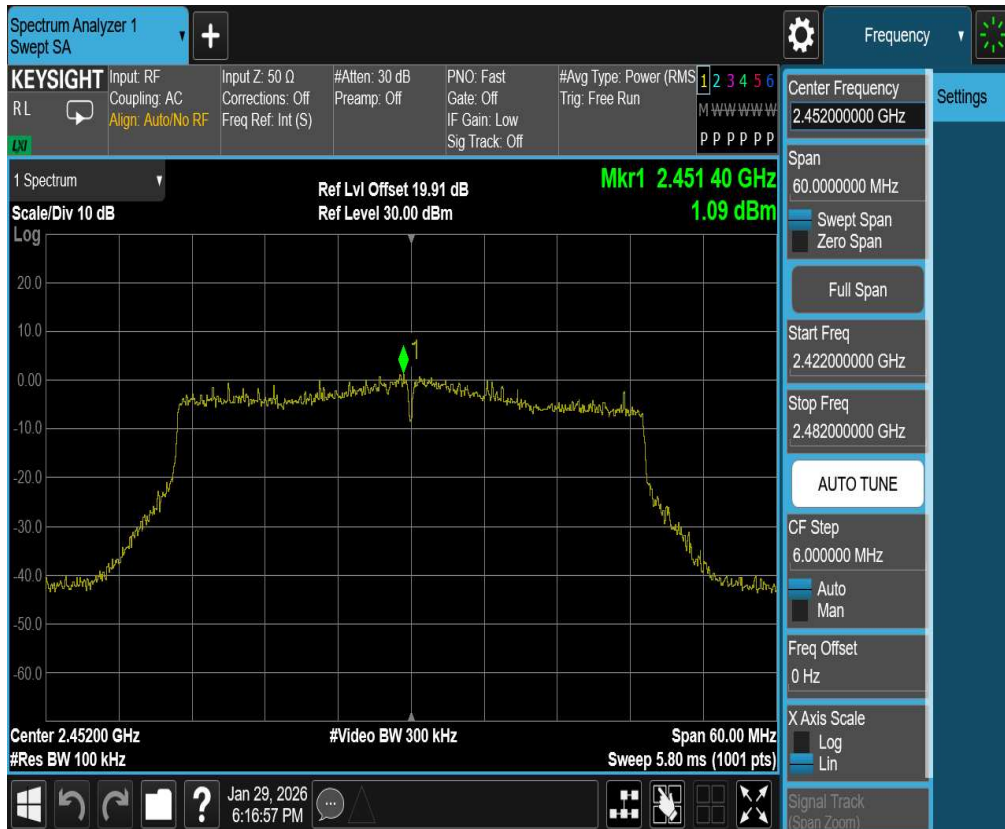
11BE40MIMO_Ant1_2437_30~1000



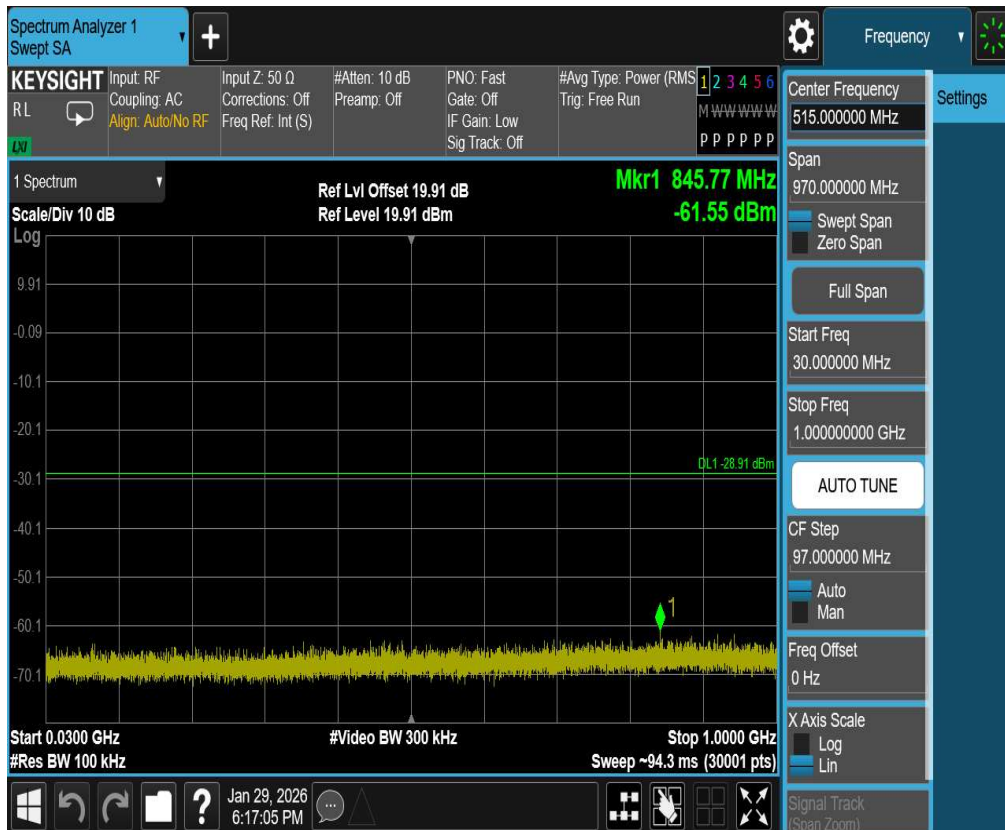
11BE40MIMO_Ant1_2437_1000~26500



11BE40MIMO_Ant0_2452_0~Reference



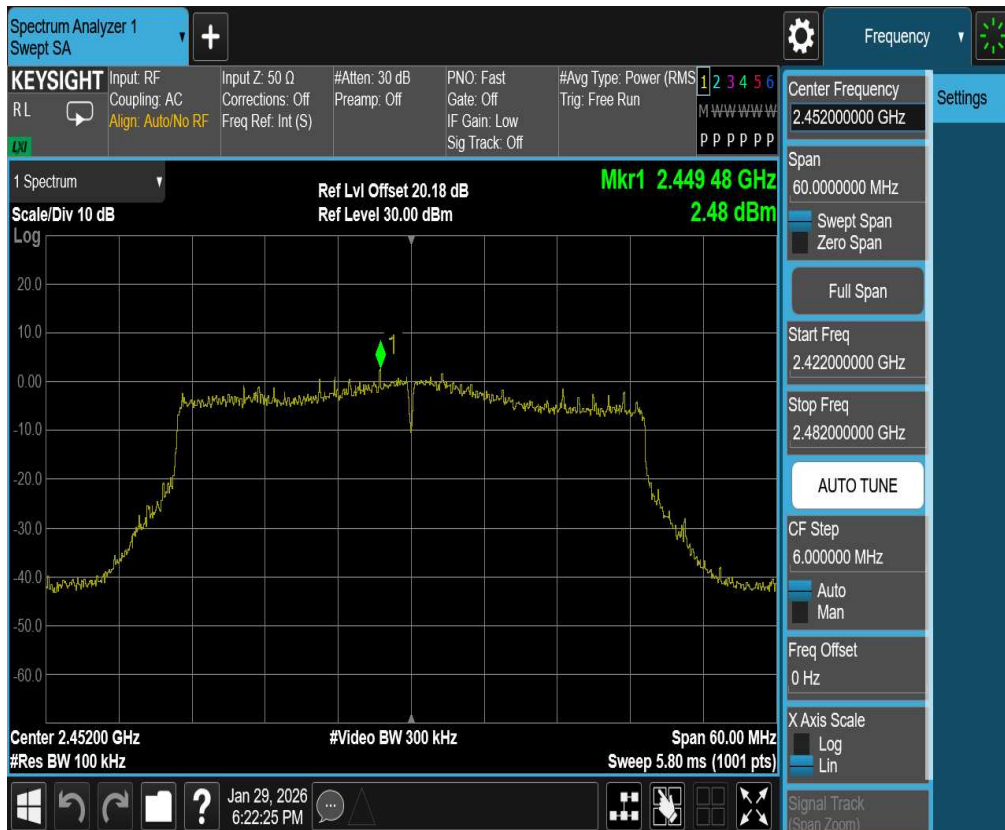
11BE40MIMO_Ant0_2452_30~1000



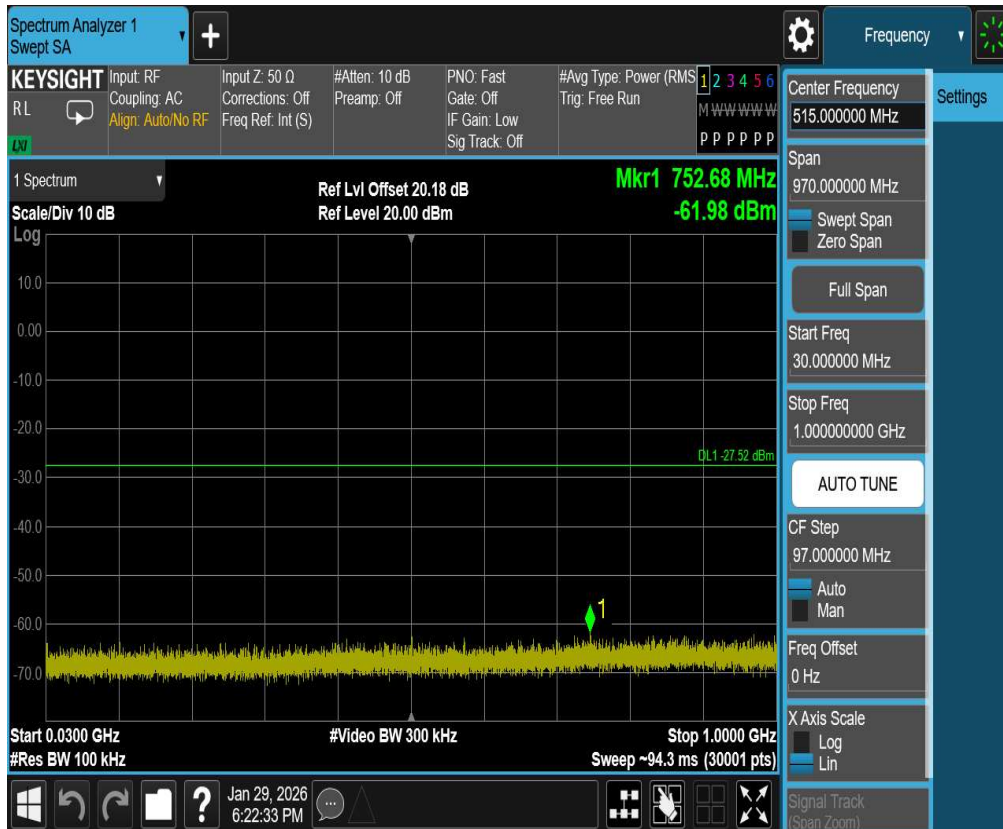
11BE40MIMO_Ant0_2452_1000~26500



11BE40MIMO_Ant1_2452_0~Reference



11BE40MIMO_Ant1_2452_30~1000



11BE40MIMO_Ant1_2452_1000~26500



Band edge:

11B-CDD_Ant0_Low_2412



11B-CDD_Ant1_Low_2412



11B-CDD_Ant0_High_2462



11B-CDD_Ant1_High_2462



11G-CDD_Ant0_Low_2412



11G-CDD_Ant1_Low_2412



11G-CDD_Ant0_High_2462



11G-CDD_Ant1_High_2462



11AX20MIMO_Ant0_Low_2412



11AX20MIMO_Ant1_Low_2412



11AX20MIMO_Ant0_High_2462



11AX20MIMO_Ant1_High_2462



11AX40MIMO_Ant0_Low_2422



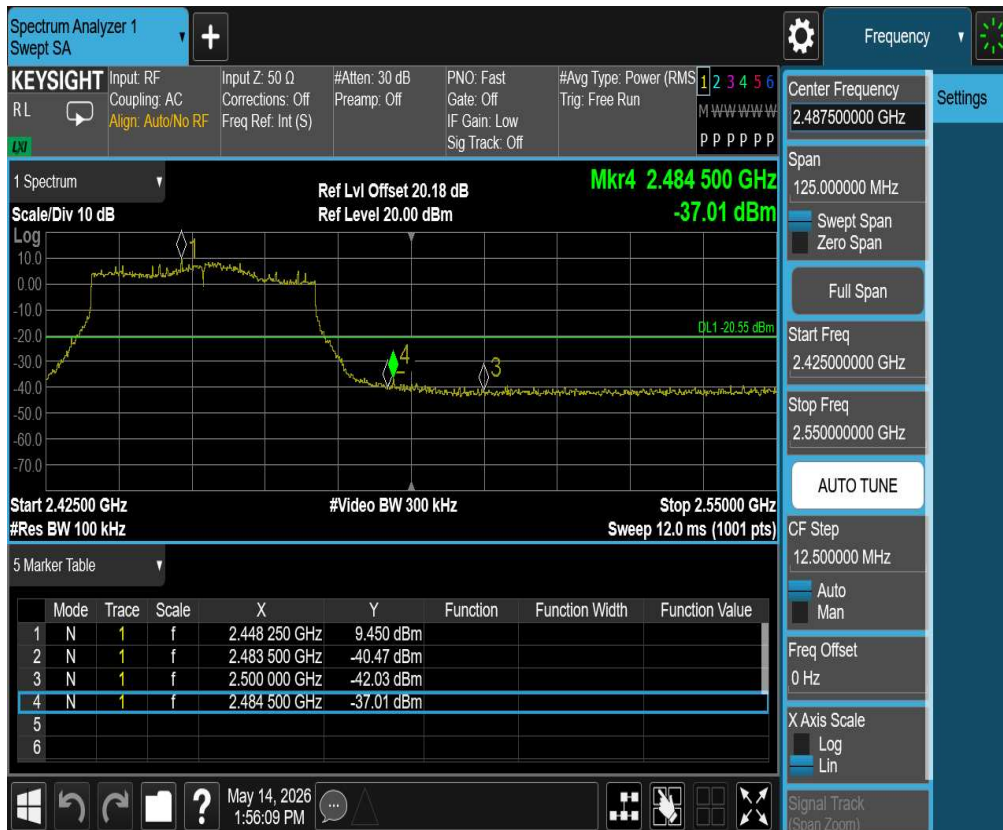
11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant0_High_2452



11AX40MIMO_Ant1_High_2452



11BE20MIMO_Ant0_Low_2412



11BE20MIMO_Ant1_Low_2412



11BE20MIMO_Ant0_High_2462



11BE20MIMO_Ant1_High_2462



11BE40MIMO_Ant0_Low_2422



11BE40MIMO_Ant1_Low_2422



11BE40MIMO_Ant0_High_2452



11BE40MIMO_Ant1_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:

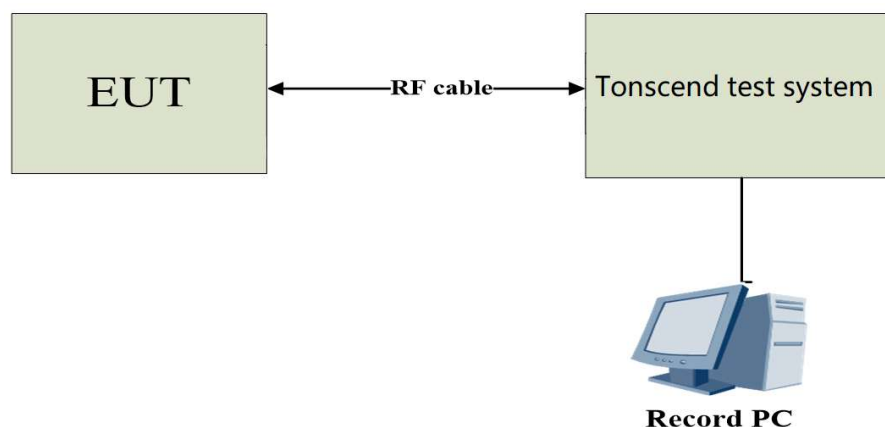
Centre Frequency	The center frequency of the channel under test
RBW	shall be in the range of 1% to 5% of the OBW but not less than 100 kHz
VBW	$\geq [3 \times \text{RBW}]$
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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-CDD	Ant0	2412	8.120	2407.920	2416.040	0.5	PASS
	Ant1	2412	7.640	2407.960	2415.600	0.5	PASS
	Ant0	2437	7.640	2433.360	2441.000	0.5	PASS
	Ant1	2437	7.680	2433.360	2441.040	0.5	PASS
	Ant0	2462	7.680	2458.360	2466.040	0.5	PASS
	Ant1	2462	7.160	2458.400	2465.560	0.5	PASS
11G-CDD	Ant0	2412	15.720	2404.160	2419.880	0.5	PASS
	Ant1	2412	15.120	2404.560	2419.680	0.5	PASS
	Ant0	2437	15.560	2429.160	2444.720	0.5	PASS
	Ant1	2437	15.200	2429.440	2444.640	0.5	PASS
	Ant0	2462	14.600	2454.280	2468.880	0.5	PASS
	Ant1	2462	15.240	2454.400	2469.640	0.5	PASS
11AX20MIMO	Ant0	2412	16.720	2404.000	2420.720	0.5	PASS
	Ant1	2412	18.240	2403.040	2421.280	0.5	PASS
	Ant0	2437	17.120	2428.000	2445.120	0.5	PASS
	Ant1	2437	18.360	2427.800	2446.160	0.5	PASS
	Ant0	2462	16.240	2453.880	2470.120	0.5	PASS
	Ant1	2462	17.560	2452.800	2470.360	0.5	PASS
11AX40MIMO	Ant0	2422	35.120	2404.640	2439.760	0.5	PASS
	Ant1	2422	36.240	2403.600	2439.840	0.5	PASS
	Ant0	2437	36.800	2418.120	2454.920	0.5	PASS
	Ant1	2437	33.200	2418.840	2452.040	0.5	PASS
	Ant0	2452	33.120	2433.120	2466.240	0.5	PASS
	Ant1	2452	28.080	2433.440	2461.520	0.5	PASS
11BE20MIMO	Ant0	2412	18.520	2402.640	2421.160	0.5	PASS
	Ant1	2412	17.760	2403.280	2421.040	0.5	PASS
	Ant0	2437	18.200	2427.840	2446.040	0.5	PASS
	Ant1	2437	18.000	2428.160	2446.160	0.5	PASS
	Ant0	2462	17.000	2453.200	2470.200	0.5	PASS
	Ant1	2462	18.360	2452.760	2471.120	0.5	PASS
11BE40MIMO	Ant0	2422	37.040	2403.280	2440.320	0.5	PASS
	Ant1	2422	36.080	2404.160	2440.240	0.5	PASS
	Ant0	2437	35.680	2419.480	2455.160	0.5	PASS
	Ant1	2437	35.360	2419.880	2455.240	0.5	PASS
	Ant0	2452	37.280	2433.200	2470.480	0.5	PASS
	Ant1	2452	36.000	2433.040	2469.040	0.5	PASS