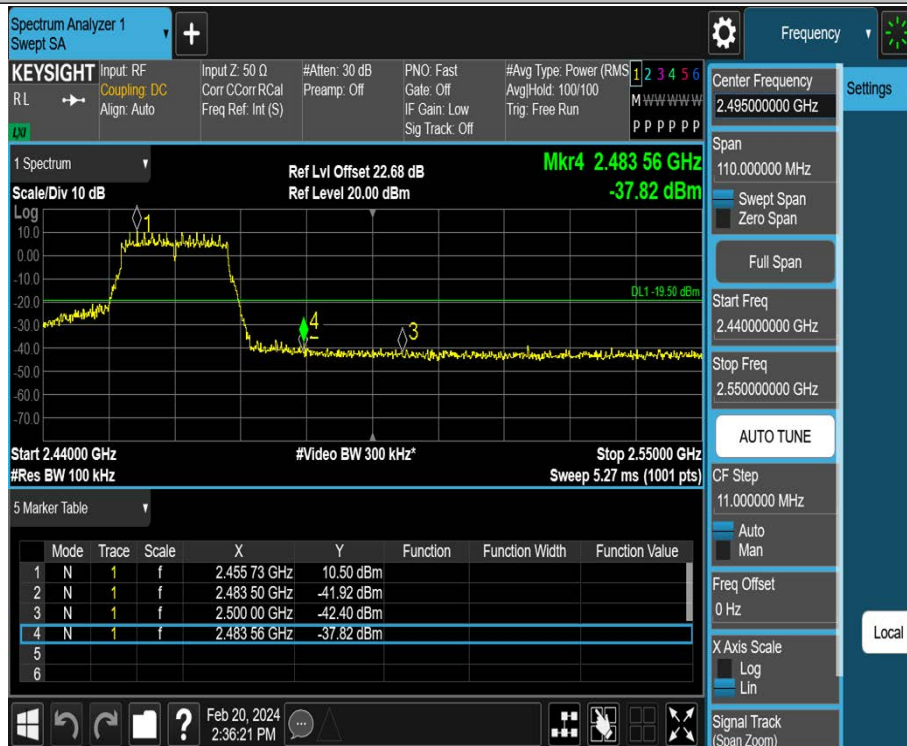


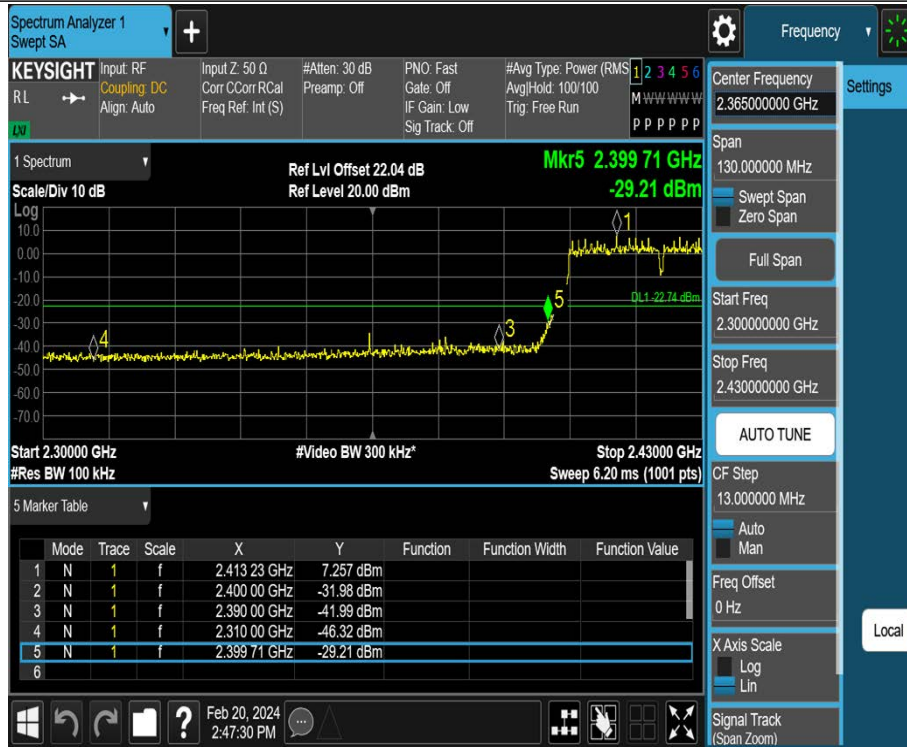
11N20MIMO_Ant3_High_2462



11N20MIMO_Ant4_High_2462



11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant3_Low_2422



11N40MIMO_Ant4_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452



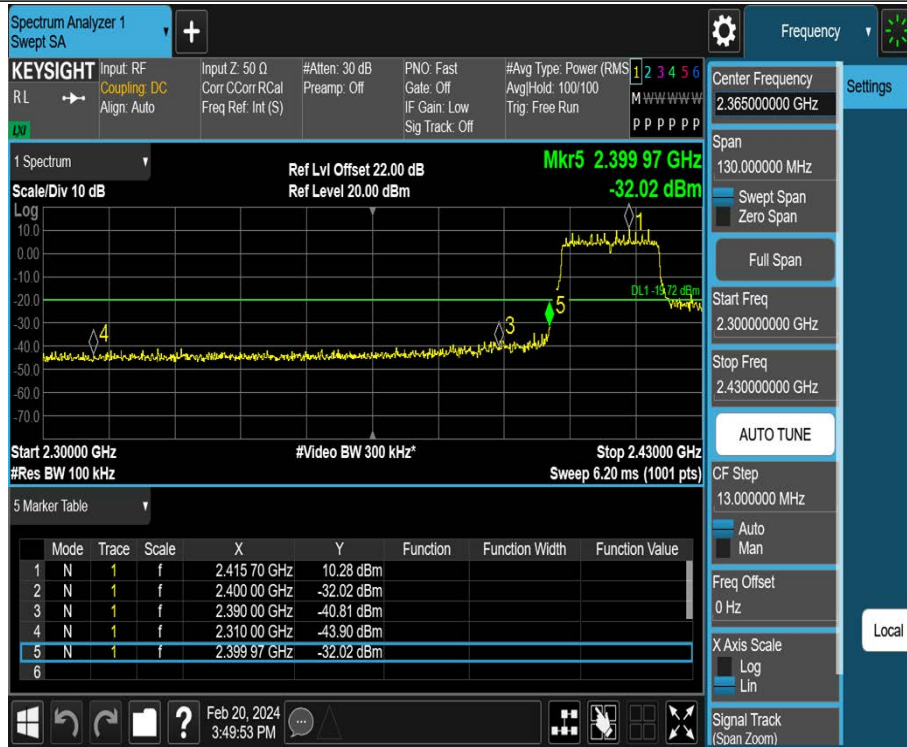
11N40MIMO_Ant3_High_2452



11N40MIMO_Ant4_High_2452



11AX20MIMO_Ant1_Low_2412



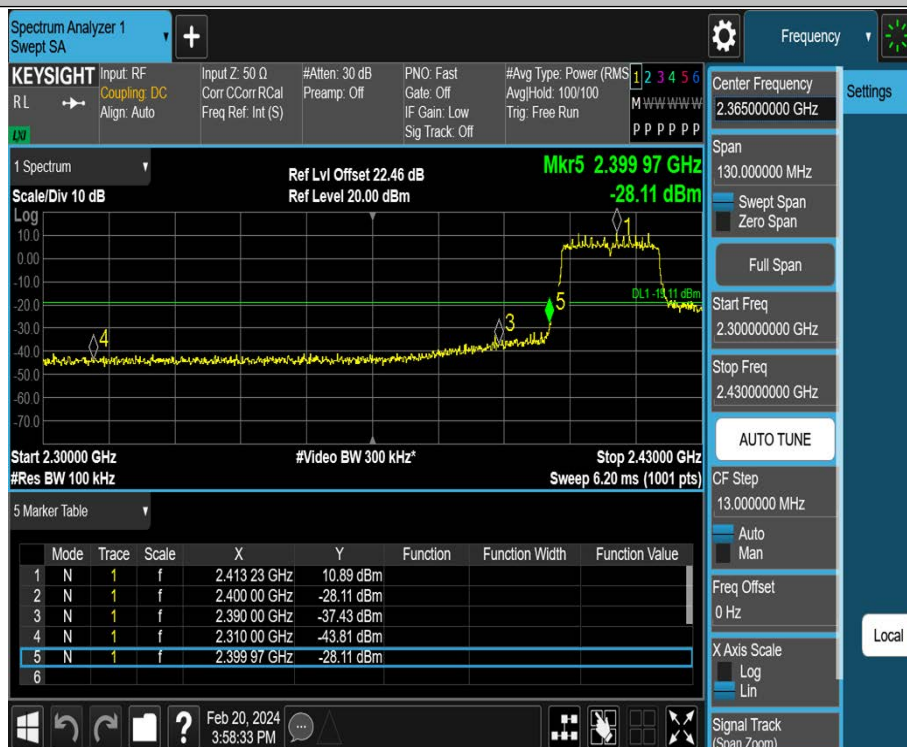
11AX20MIMO_Ant2_Low_2412



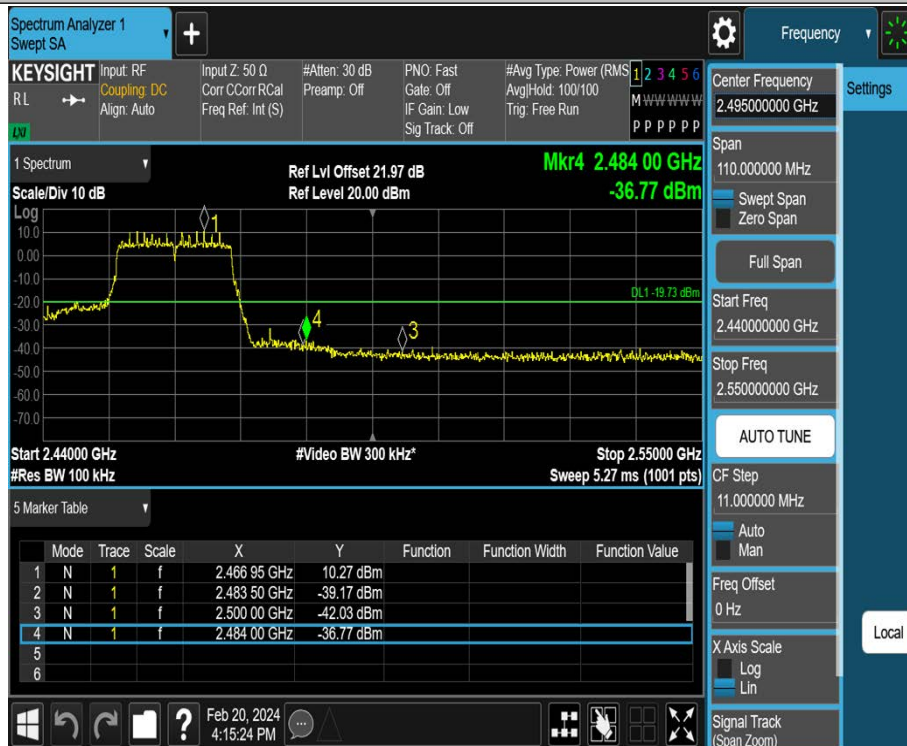
11AX20MIMO_Ant3_Low_2412



11AX20MIMO_Ant4_Low_2412



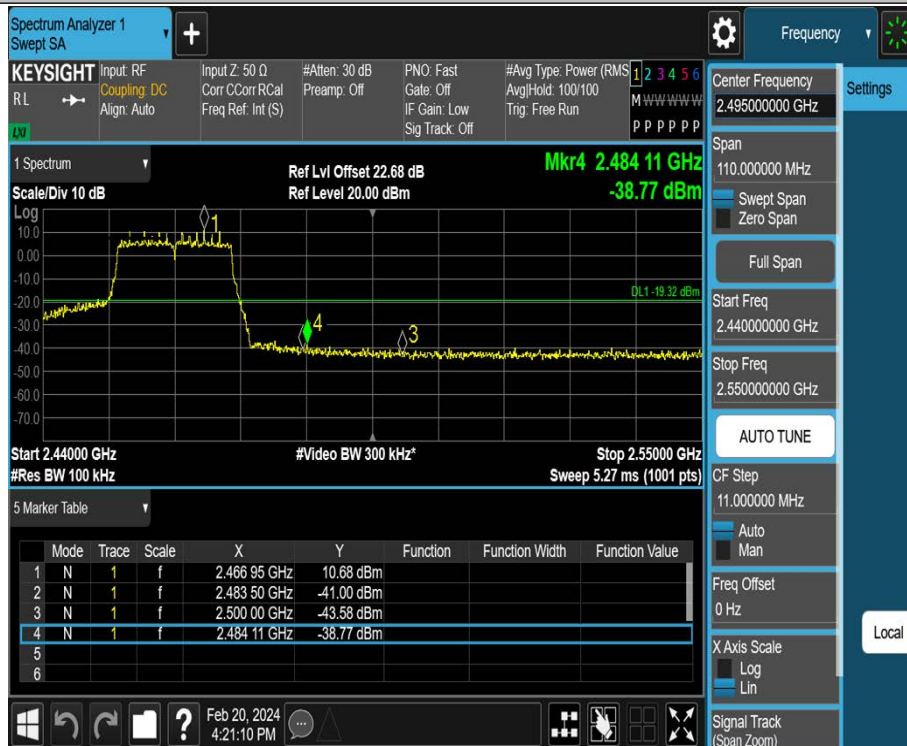
11AX20MIMO_Ant1_High_2462



11AX20MIMO_Ant2_High_2462



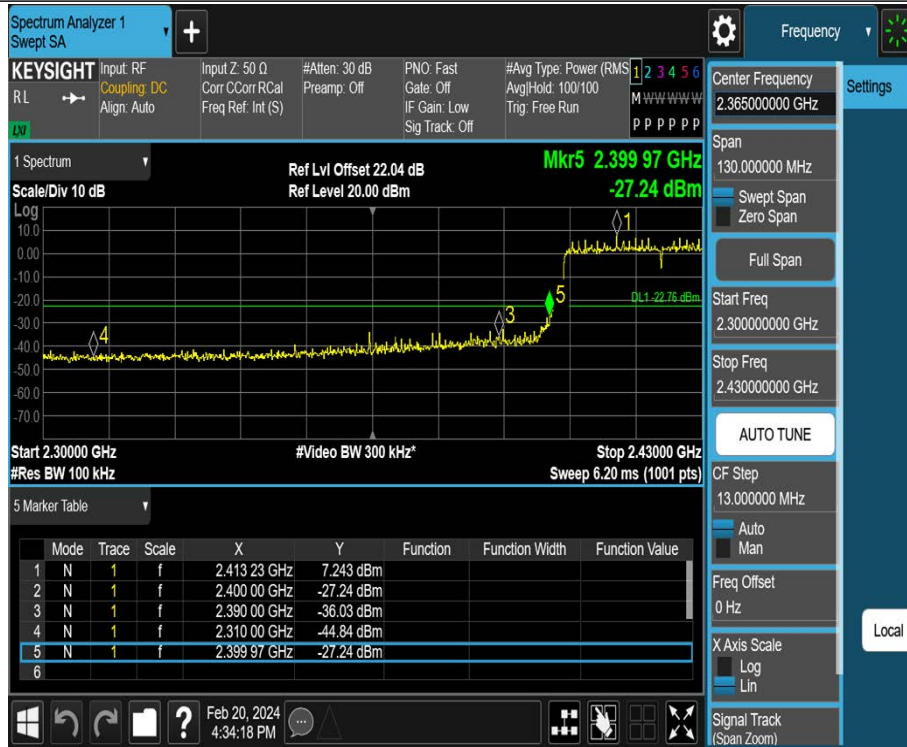
11AX20MIMO_Ant3_High_2462



11AX20MIMO_Ant4_High_2462



11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant3_Low_2422



11AX40MIMO_Ant4_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452



11AX40MIMO_Ant3_High_2452



11AX40MIMO_Ant4_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 tonscond test system, and the spectrum analyser is set as follow:

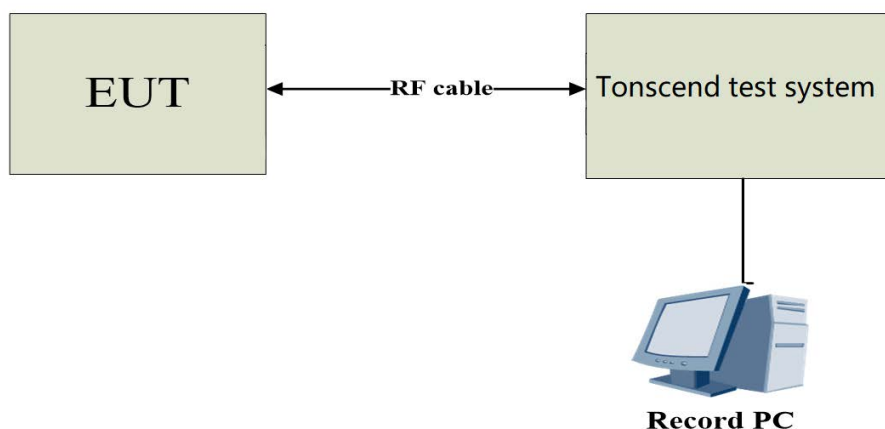
Centre Frequency	The centre frequency of the channel under test
RBW	100kHz
VBW	300kHz
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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-CDD	Ant1	2412	6.560	2408.440	2415.000	0.5	PASS
	Ant2	2412	6.560	2408.920	2415.480	0.5	PASS
	Ant3	2412	6.080	2408.920	2415.000	0.5	PASS
	Ant4	2412	7.040	2408.480	2415.520	0.5	PASS
	Ant1	2437	5.800	2434.240	2440.040	0.5	PASS
	Ant2	2437	6.280	2434.240	2440.520	0.5	PASS
	Ant3	2437	6.600	2433.920	2440.520	0.5	PASS
	Ant4	2437	6.560	2433.960	2440.520	0.5	PASS
	Ant1	2462	6.560	2458.480	2465.040	0.5	PASS
	Ant2	2462	6.080	2458.960	2465.040	0.5	PASS
	Ant3	2462	6.120	2458.920	2465.040	0.5	PASS
	Ant4	2462	7.560	2457.960	2465.520	0.5	PASS
11G-CDD	Ant1	2412	16.280	2403.840	2420.120	0.5	PASS
	Ant2	2412	16.280	2403.840	2420.120	0.5	PASS
	Ant3	2412	16.280	2403.840	2420.120	0.5	PASS
	Ant4	2412	15.800	2404.080	2419.880	0.5	PASS
	Ant1	2437	16.320	2428.840	2445.160	0.5	PASS
	Ant2	2437	16.080	2429.080	2445.160	0.5	PASS
	Ant3	2437	16.320	2428.840	2445.160	0.5	PASS
	Ant4	2437	16.320	2428.840	2445.160	0.5	PASS
	Ant1	2462	16.320	2453.840	2470.160	0.5	PASS
	Ant2	2462	16.040	2453.840	2469.880	0.5	PASS
	Ant3	2462	16.280	2453.840	2470.120	0.5	PASS
	Ant4	2462	16.280	2453.840	2470.120	0.5	PASS
11N20MIMO	Ant1	2412	17.280	2403.480	2420.760	0.5	PASS
	Ant2	2412	17.200	2403.560	2420.760	0.5	PASS
	Ant3	2412	17.560	2403.200	2420.760	0.5	PASS
	Ant4	2412	17.200	2403.560	2420.760	0.5	PASS
	Ant1	2437	17.560	2428.200	2445.760	0.5	PASS
	Ant2	2437	17.560	2428.200	2445.760	0.5	PASS
	Ant3	2437	17.560	2428.200	2445.760	0.5	PASS
	Ant4	2437	17.520	2428.240	2445.760	0.5	PASS
	Ant1	2462	17.280	2453.240	2470.520	0.5	PASS
	Ant2	2462	17.120	2453.240	2470.360	0.5	PASS
	Ant3	2462	17.560	2453.200	2470.760	0.5	PASS
	Ant4	2462	17.320	2453.200	2470.520	0.5	PASS
11N40MIMO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
	Ant2	2422	36.320	2403.840	2440.160	0.5	PASS

	Ant3	2422	36.320	2403.840	2440.160	0.5	PASS
	Ant4	2422	35.760	2403.840	2439.600	0.5	PASS
	Ant1	2437	36.320	2418.840	2455.160	0.5	PASS
	Ant2	2437	36.320	2418.840	2455.160	0.5	PASS
	Ant3	2437	35.920	2419.240	2455.160	0.5	PASS
	Ant4	2437	36.320	2418.840	2455.160	0.5	PASS
	Ant1	2452	35.440	2434.480	2469.920	0.5	PASS
	Ant2	2452	35.760	2434.400	2470.160	0.5	PASS
	Ant3	2452	36.240	2433.840	2470.080	0.5	PASS
	Ant4	2452	35.200	2434.400	2469.600	0.5	PASS
11AX20MIMO	Ant1	2412	17.760	2403.200	2420.960	0.5	PASS
	Ant2	2412	17.000	2403.200	2420.200	0.5	PASS
	Ant3	2412	18.640	2402.680	2421.320	0.5	PASS
	Ant4	2412	18.760	2402.480	2421.240	0.5	PASS
	Ant1	2437	18.400	2427.720	2446.120	0.5	PASS
	Ant2	2437	18.320	2427.640	2445.960	0.5	PASS
	Ant3	2437	18.160	2428.120	2446.280	0.5	PASS
	Ant4	2437	18.560	2427.720	2446.280	0.5	PASS
	Ant1	2462	18.280	2452.760	2471.040	0.5	PASS
	Ant2	2462	18.000	2452.880	2470.880	0.5	PASS
	Ant3	2462	17.960	2452.560	2470.520	0.5	PASS
	Ant4	2462	17.520	2453.000	2470.520	0.5	PASS
11AX40MIMO	Ant1	2422	37.680	2403.120	2440.800	0.5	PASS
	Ant2	2422	37.520	2403.200	2440.720	0.5	PASS
	Ant3	2422	37.680	2403.120	2440.800	0.5	PASS
	Ant4	2422	37.600	2403.200	2440.800	0.5	PASS
	Ant1	2437	37.360	2418.200	2455.560	0.5	PASS
	Ant2	2437	37.600	2418.120	2455.720	0.5	PASS
	Ant3	2437	37.680	2418.200	2455.880	0.5	PASS
	Ant4	2437	37.520	2418.200	2455.720	0.5	PASS
	Ant1	2452	37.440	2433.120	2470.560	0.5	PASS
	Ant2	2452	37.440	2433.280	2470.720	0.5	PASS
	Ant3	2452	37.280	2433.360	2470.640	0.5	PASS
	Ant4	2452	36.880	2433.200	2470.080	0.5	PASS

11B-CDD_Ant1_2412



11B-CDD_Ant2_2412



11B-CDD_Ant3_2412



11B-CDD_Ant4_2412



11B-CDD_Ant1_2437



11B-CDD_Ant2_2437



11B-CDD_Ant3_2437



11B-CDD_Ant4_2437



11B-CDD_Ant1_2462



11B-CDD_Ant2_2462



11B-CDD_Ant3_2462



11B-CDD_Ant4_2462



11G-CDD_Ant1_2412



11G-CDD_Ant2_2412



11G-CDD_Ant3_2412



11G-CDD_Ant4_2412



11G-CDD_Ant1_2437



11G-CDD_Ant2_2437



11G-CDD_Ant3_2437



11G-CDD_Ant4_2437



11G-CDD_Ant1_2462



11G-CDD_Ant2_2462

