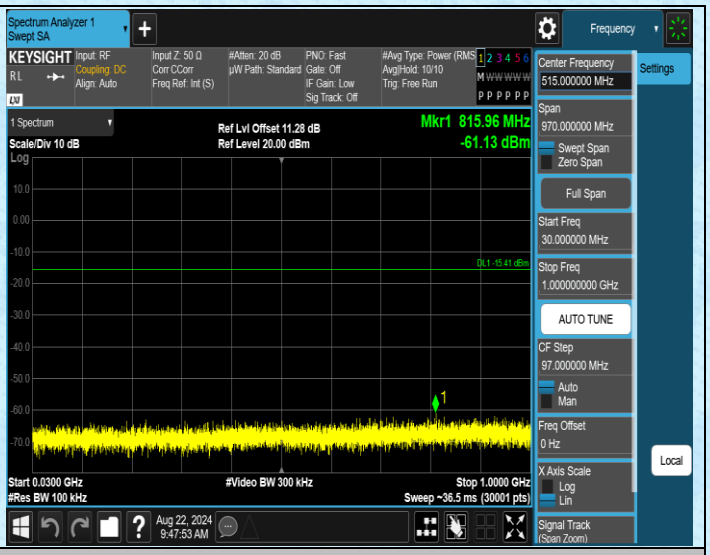
AppendixF:Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	0~Reference	4.59	4.59	---	PASS
11B	Ant1	2412	1Mbps	30~1000	4.59	-61.13	≤-15.41	PASS
11B	Ant1	2412	1Mbps	1000~26500	4.59	-49.51	≤-15.41	PASS
11B	Ant1	2437	1Mbps	0~Reference	4.01	4.01	---	PASS
11B	Ant1	2437	1Mbps	30~1000	4.01	-62.06	≤-15.99	PASS
11B	Ant1	2437	1Mbps	1000~26500	4.01	-49.89	≤-15.99	PASS
11B	Ant1	2462	1Mbps	0~Reference	4.53	4.53	---	PASS
11B	Ant1	2462	1Mbps	30~1000	4.53	-61.67	≤-15.47	PASS
11B	Ant1	2462	1Mbps	1000~26500	4.53	-49.38	≤-15.47	PASS
11G	Ant1	2412	6Mbps	0~Reference	-3.65	-3.65	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-3.65	-61.24	≤-23.65	PASS
11G	Ant1	2412	6Mbps	1000~26500	-3.65	-50.46	≤-23.65	PASS
11G	Ant1	2437	6Mbps	0~Reference	-2.86	-2.86	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-2.86	-61.73	≤-22.86	PASS
11G	Ant1	2437	6Mbps	1000~26500	-2.86	-49.85	≤-22.86	PASS
11G	Ant1	2462	6Mbps	0~Reference	-3.61	-3.61	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-3.61	-61.03	≤-23.61	PASS
11G	Ant1	2462	6Mbps	1000~26500	-3.61	-49.51	≤-23.61	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-3.96	-3.96	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-3.96	-61.99	≤-23.96	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-3.96	-49.93	≤-23.96	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-0.52	-0.52	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-0.52	-61.7	≤-20.52	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-0.52	-50.15	≤-20.52	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-1.06	-1.06	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-1.06	-61.72	≤-21.06	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-1.06	-49.65	≤-21.06	PASS
11N40SISO	Ant1	2422	MCS0	0~Reference	-4.64	-4.64	---	PASS
11N40SISO	Ant1	2422	MCS0	30~1000	-4.64	-61.88	≤-24.64	PASS
11N40SISO	Ant1	2422	MCS0	1000~26500	-4.64	-49.52	≤-24.64	PASS
11N40SISO	Ant1	2437	MCS0	0~Reference	-4.39	-4.39	---	PASS
11N40SISO	Ant1	2437	MCS0	30~1000	-4.39	-61.14	≤-24.39	PASS
11N40SISO	Ant1	2437	MCS0	1000~26500	-4.39	-49.63	≤-24.39	PASS
11N40SISO	Ant1	2452	MCS0	0~Reference	-5.48	-5.48	---	PASS
11N40SISO	Ant1	2452	MCS0	30~1000	-5.48	-62.21	≤-25.48	PASS
11N40SISO	Ant1	2452	MCS0	1000~26500	-5.48	-49.73	≤-25.48	PASS

Test Graphs

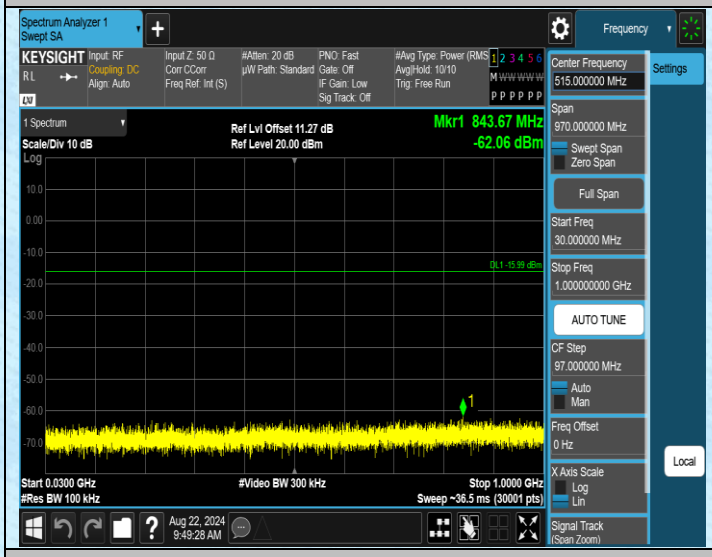
11B-Ant1-2412-0~Reference-PASS



11B-Ant1-2412-30~1000-PASS

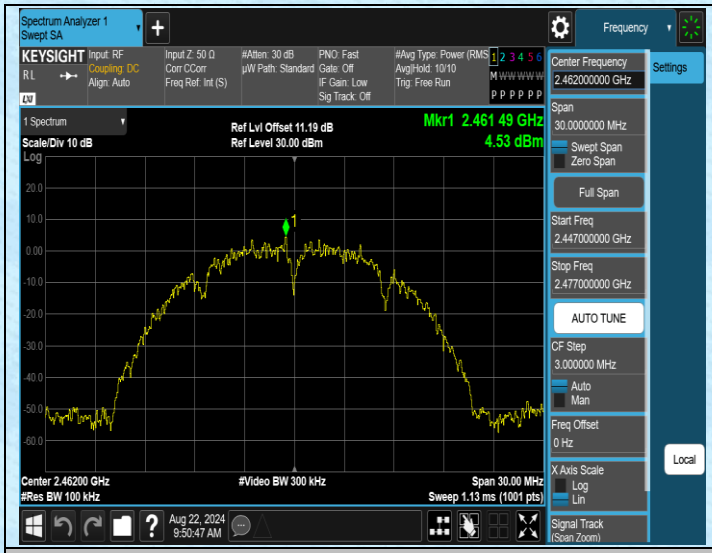
11B-Ant1-2412-1000~26500-PASS

11B-Ant1-2437-0~Reference-PASS

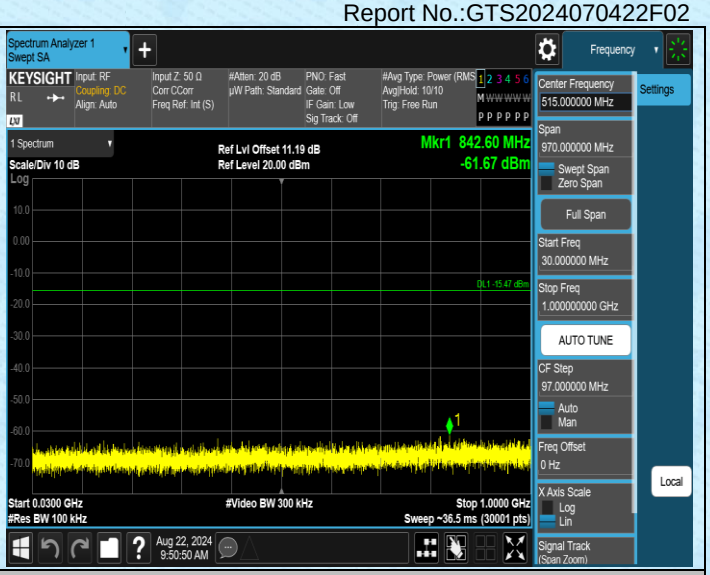


11B-Ant1-2437-30~1000-PASS

11B-Ant1-2437-1000~26500-PASS

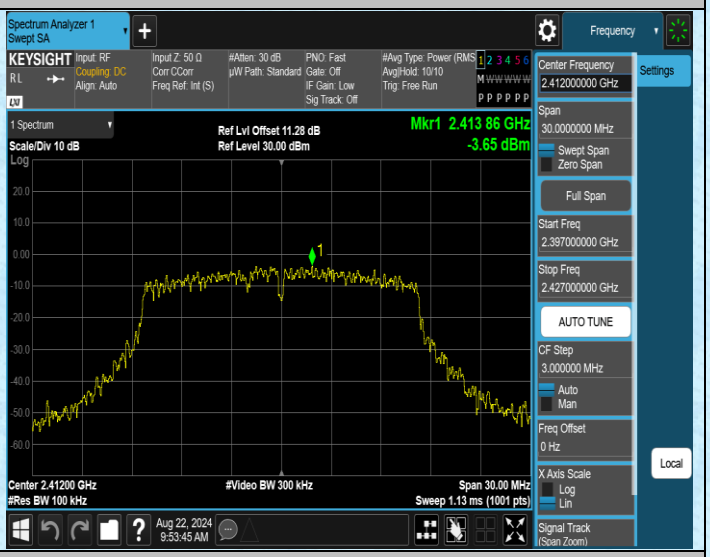


11B-Ant1-2462-0~Reference-PASS

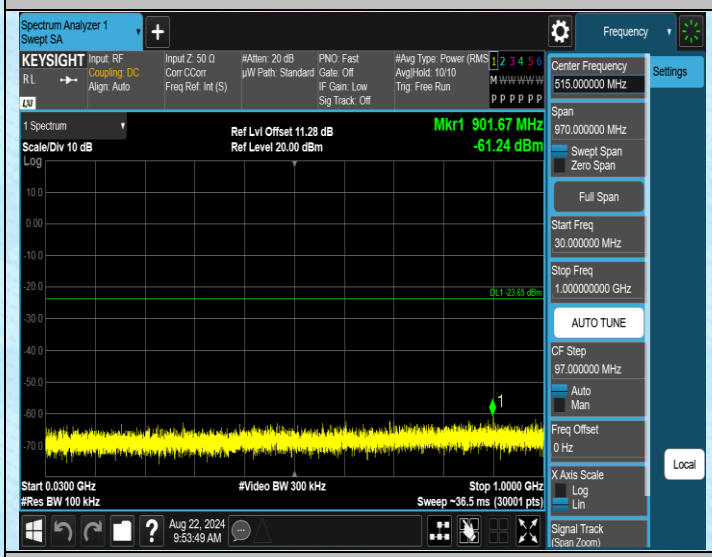


11B-Ant1-2462-30~1000-PASS

11B-Ant1-2462-1000~26500-PASS

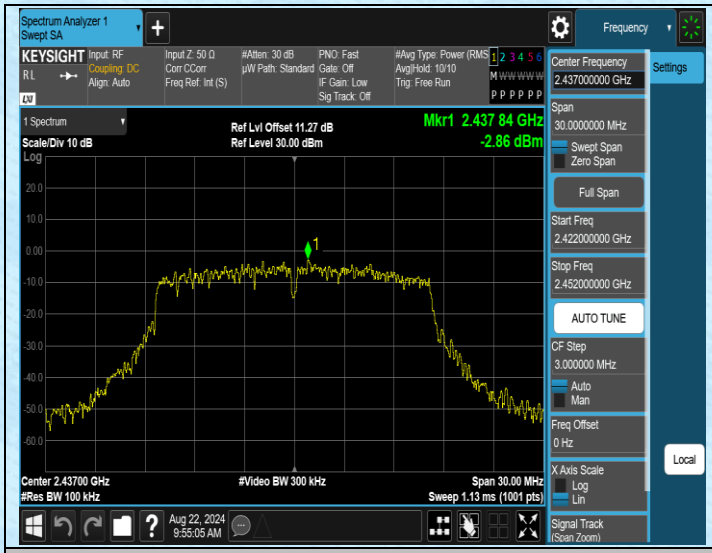


11G-Ant1-2412-0~Reference-PASS

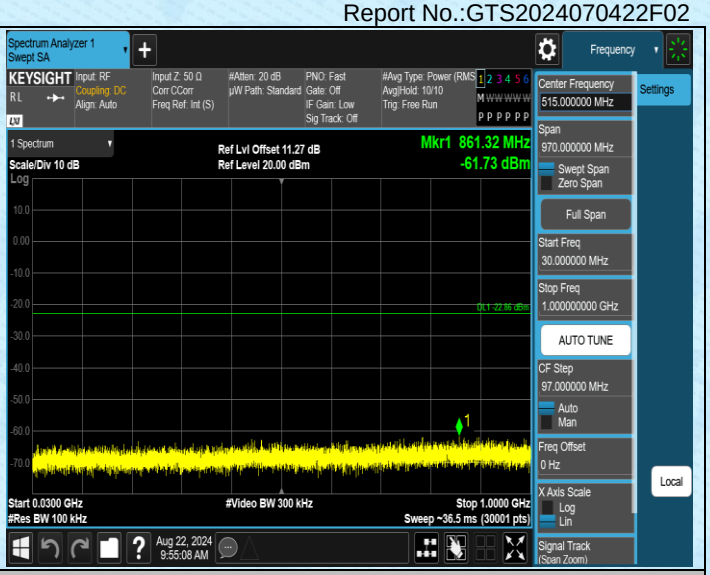


11G-Ant1-2412-30~1000-PASS

11G-Ant1-2412-1000~26500-PASS

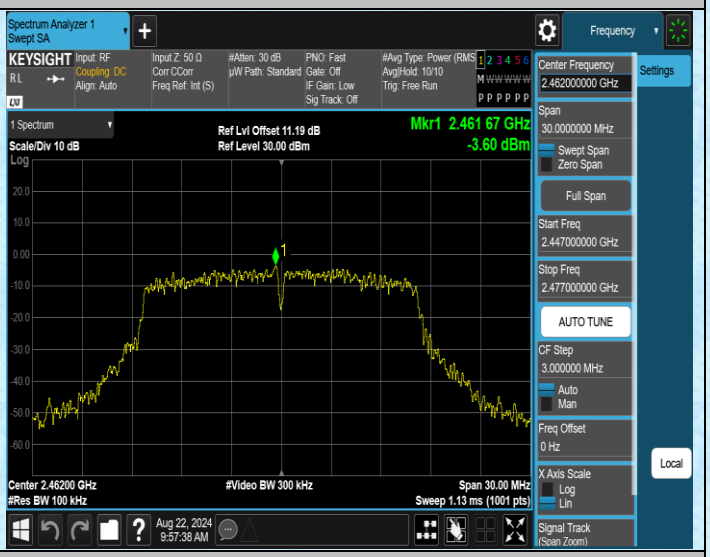


11G-Ant1-2437-0~Reference-PASS

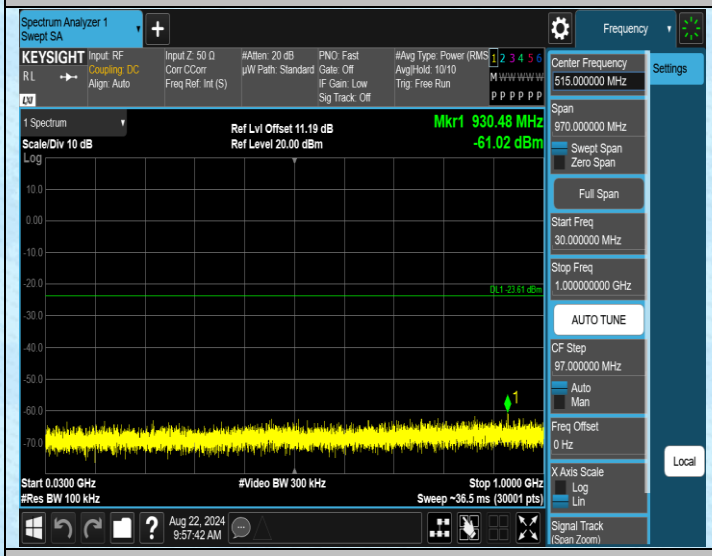


11G-Ant1-2437-30~1000-PASS

11G-Ant1-2437-1000~26500-PASS

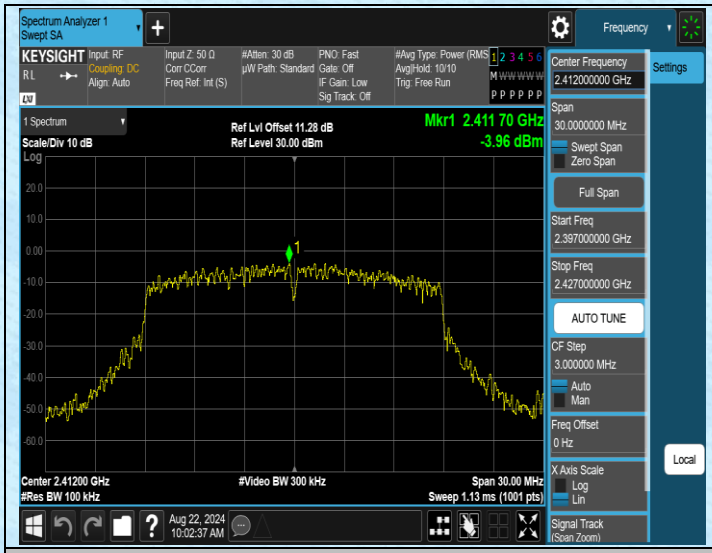


11G-Ant1-2462-0~Reference-PASS

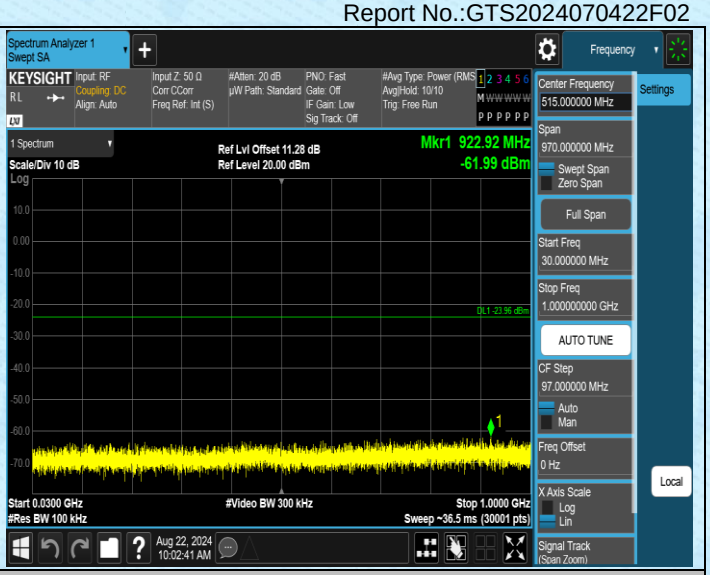


11G-Ant1-2462-30~1000-PASS

11G-Ant1-2462-1000~26500-PASS

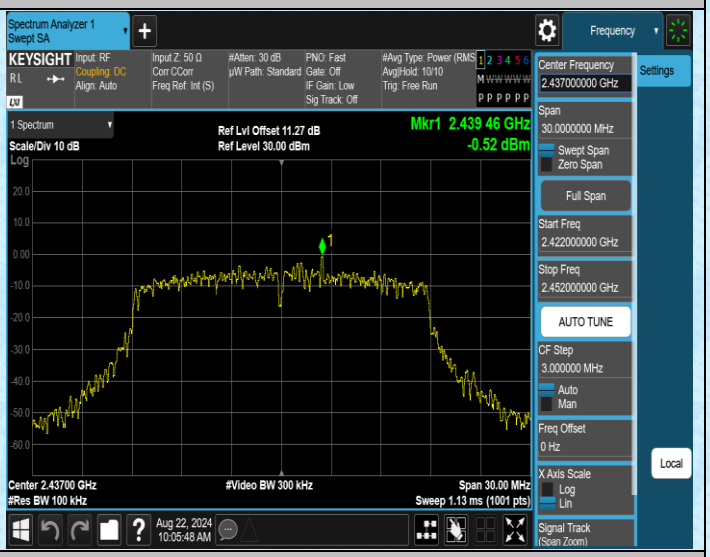


11N20SISO-Ant1-2412-0~Reference-PASS

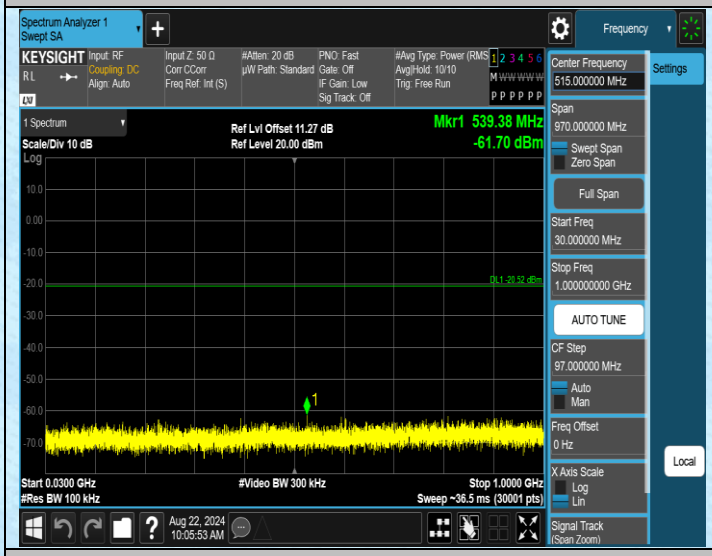


11N20SISO-Ant1-2412-30~1000-PASS

11N20SISO-Ant1-2412-1000~26500-PASS

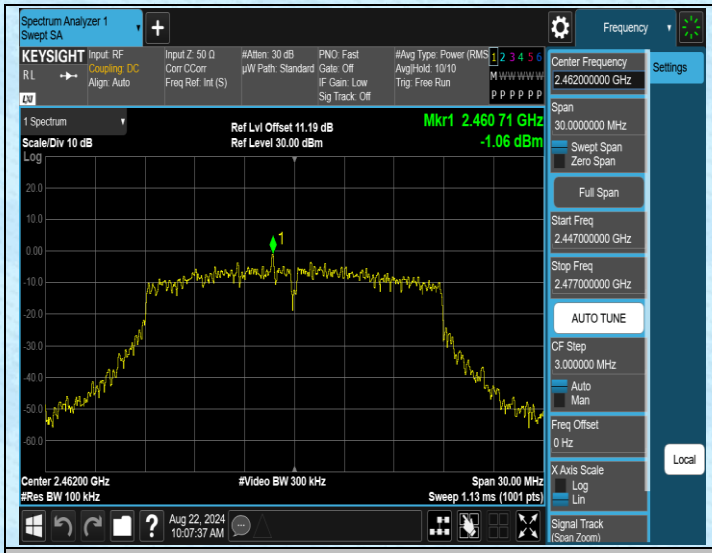


11N20SISO-Ant1-2437-0~Reference-PASS



11N20SISO-Ant1-2437-30~1000-PASS

11N20SISO-Ant1-2437-1000~26500-PASS



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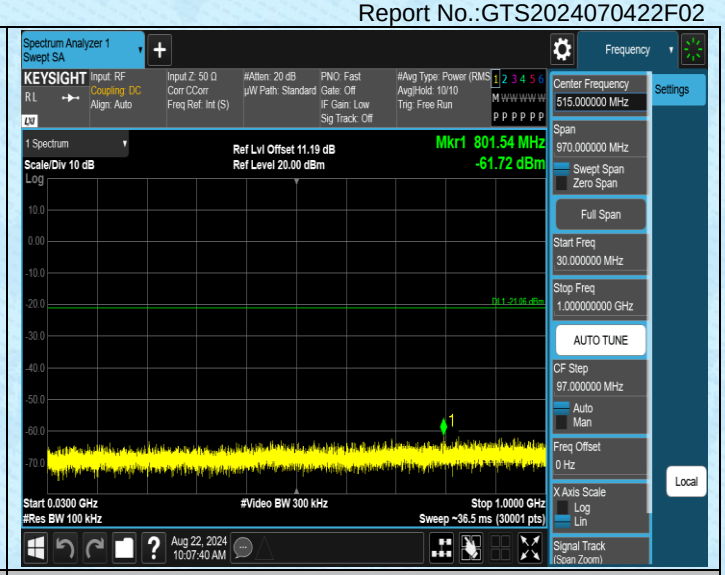
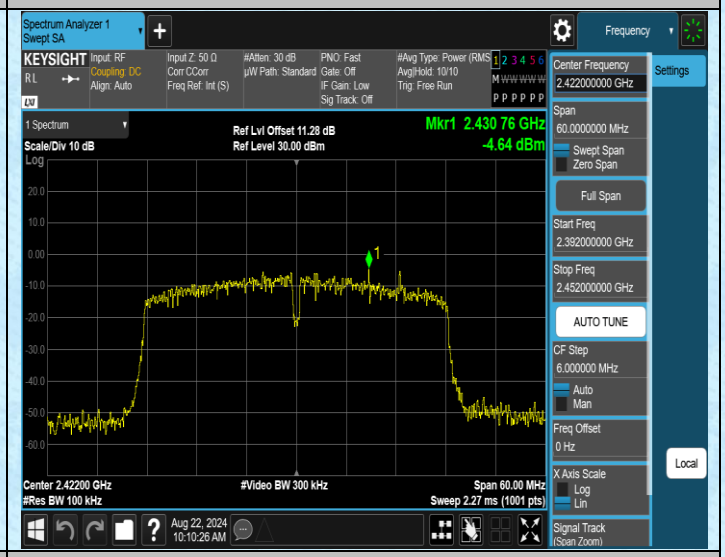
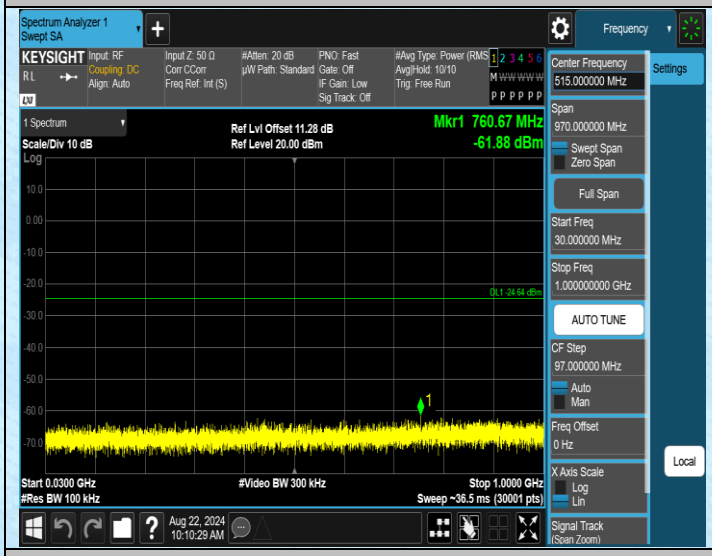


11N20SISO-Ant1-2462-30~1000-PASS

11N20SISO-Ant1-2462-1000~26500-PASS

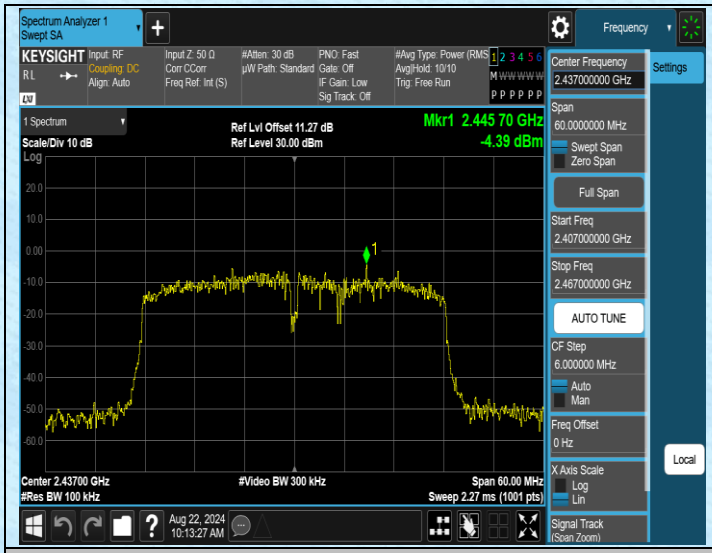


11N40SISO-Ant1-2422-0~Reference-PASS

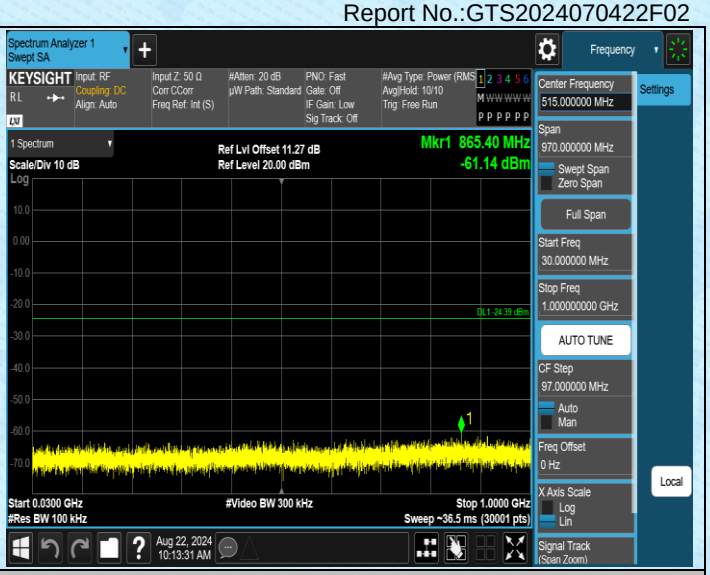


11N40SISO-Ant1-2422-30~1000-PASS

11N40SISO-Ant1-2422-1000~26500-PASS

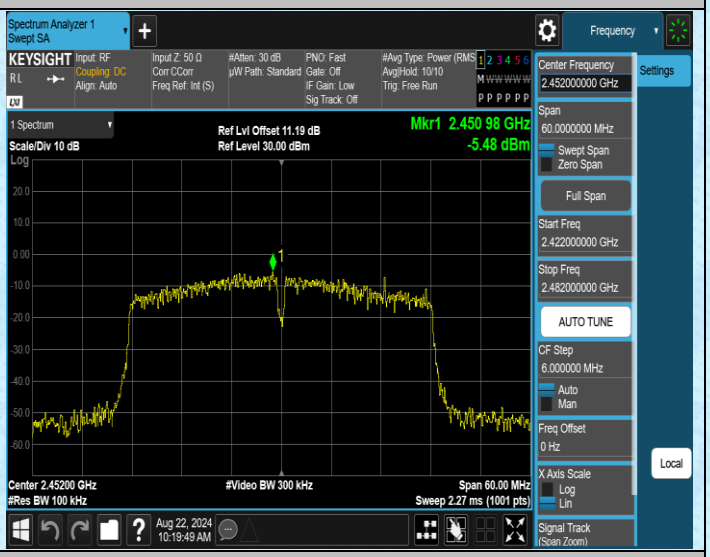


11N40SISO-Ant1-2437-0~Reference-PASS

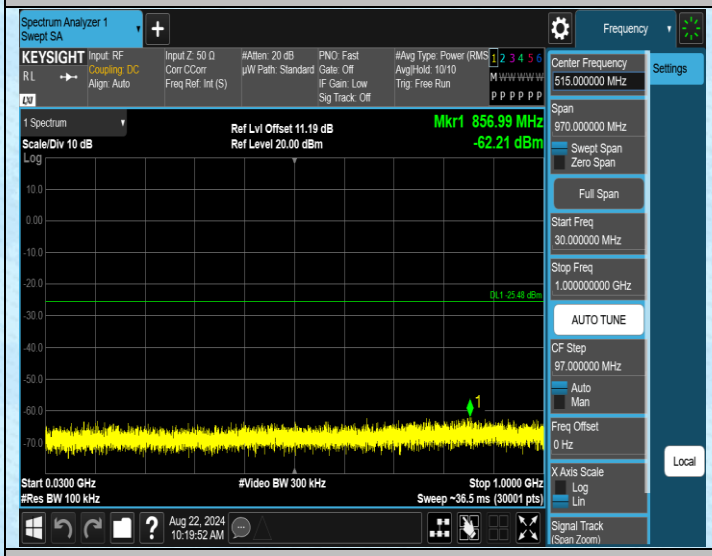


11N40SISO-Ant1-2437-30~1000-PASS

11N40SISO-Ant1-2437-1000~26500-PASS



11N40SISO-Ant1-2452-0~Reference-PASS



11N40SISO-Ant1-2452-30~1000-PASS

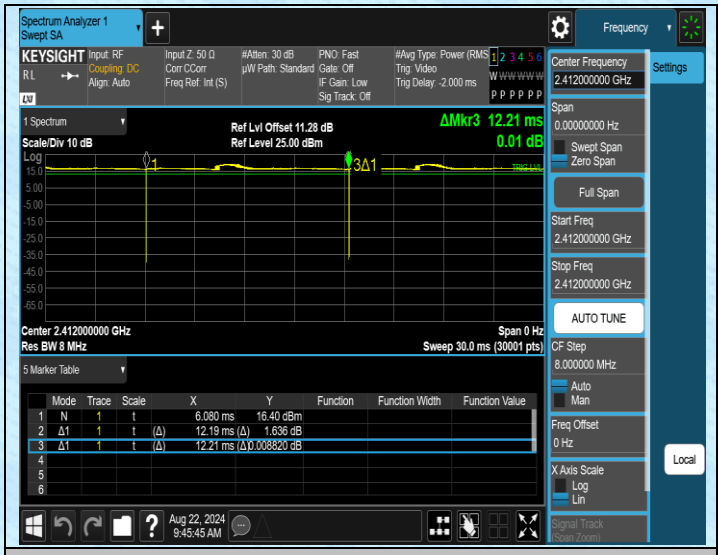
11N40SISO-Ant1-2452-1000~26500-PASS

AppendixG: Duty Cycle

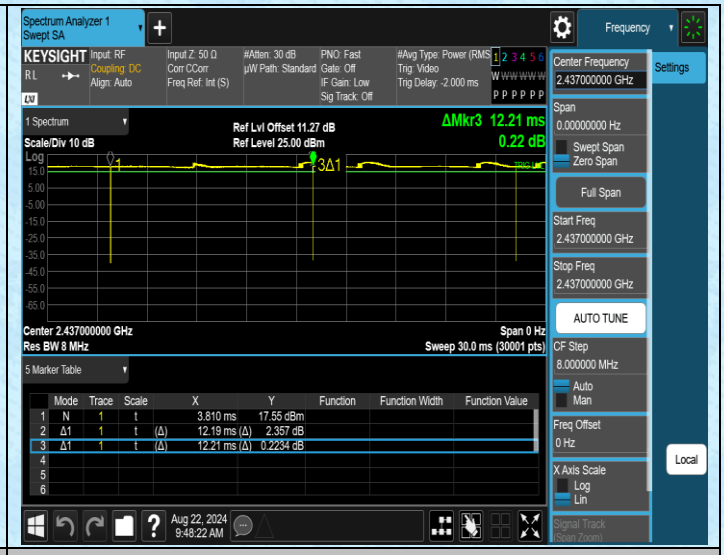
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	1Mbps	12.19	12.21	99.84	0.01
11B	Ant1	2437	1Mbps	12.19	12.21	99.84	0.01
11B	Ant1	2462	1Mbps	12.19	12.21	99.84	0.01
11G	Ant1	2412	6Mbps	2.02	2.52	80.16	0.96
11G	Ant1	2437	6Mbps	2.03	2.53	80.24	0.96
11G	Ant1	2462	6Mbps	2.02	2.53	79.84	0.98
11N20SISO	Ant1	2412	MCS0	1.89	2.39	79.08	1.02
11N20SISO	Ant1	2437	MCS0	1.89	2.39	79.08	1.02
11N20SISO	Ant1	2462	MCS0	1.89	2.39	79.08	1.02
11N40SISO	Ant1	2422	MCS0	0.93	1.43	65.03	1.87
11N40SISO	Ant1	2437	MCS0	0.93	1.43	65.03	1.87
11N40SISO	Ant1	2452	MCS0	0.93	1.43	65.03	1.87

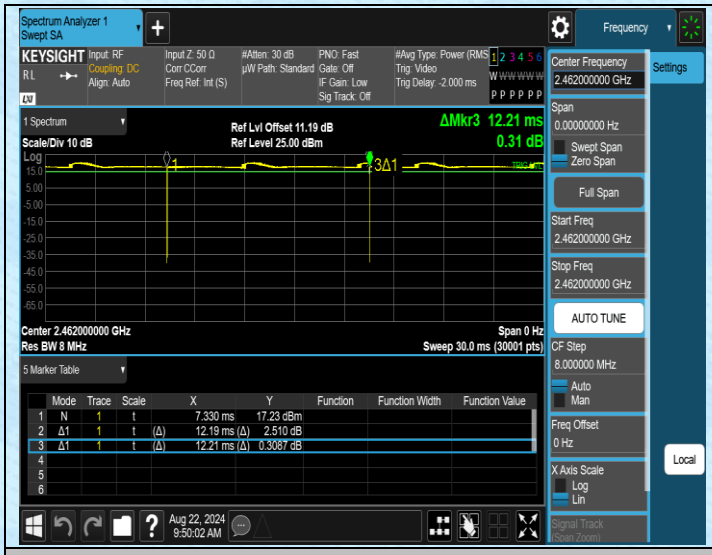
Test Graphs



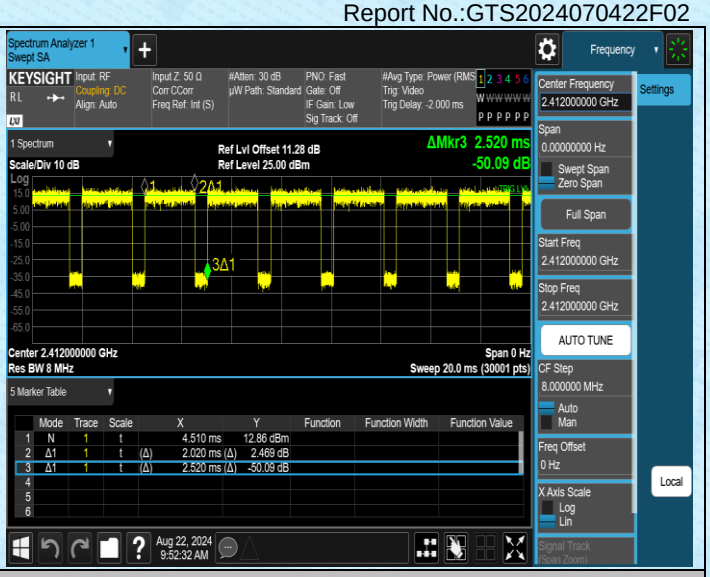
NTNV-11B-Ant1-2412



NTNV-11B-Ant1-2437

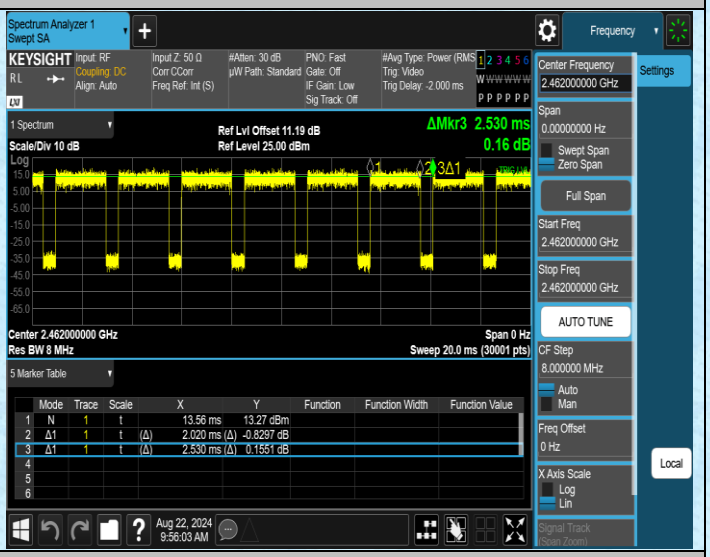


NTNV-11B-Ant1-2462

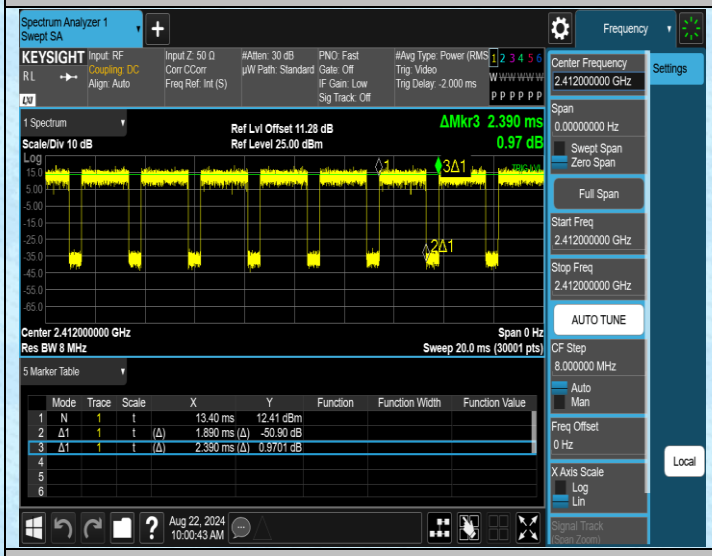


NTNV-11G-Ant1-2412

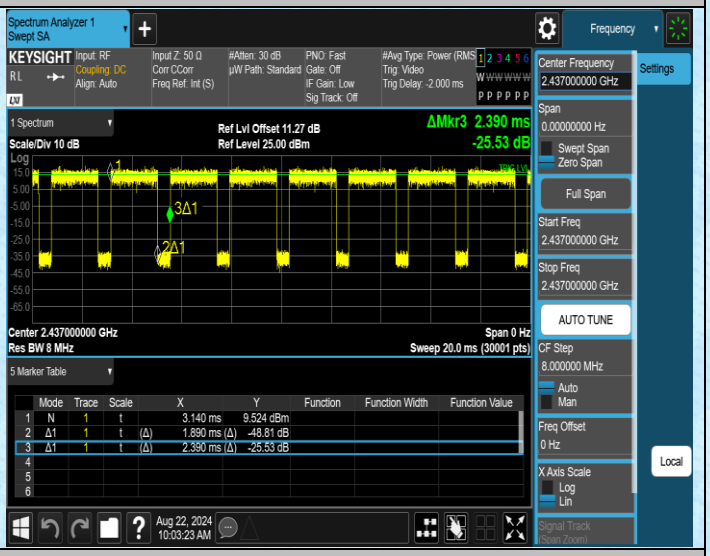
NTNV-11G-Ant1-2437



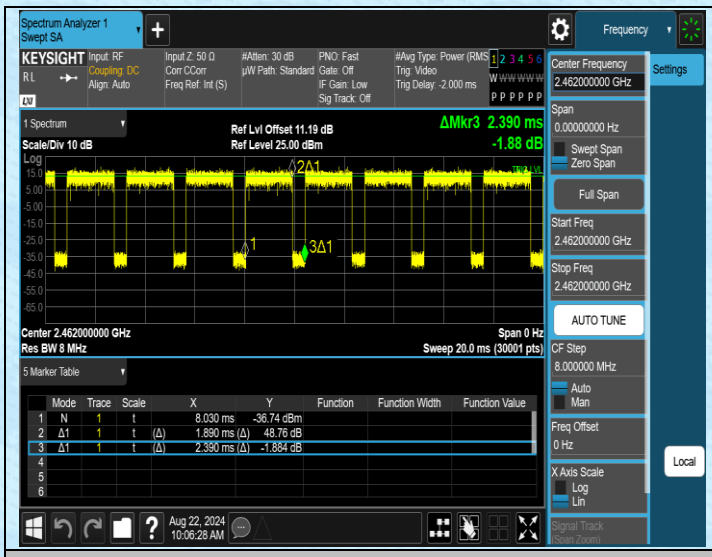
NTNV-11G-Ant1-2462



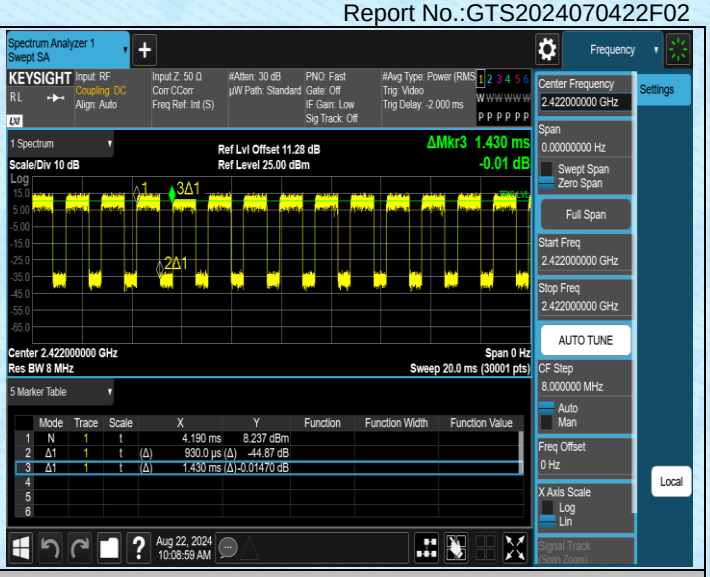
NTNV-11N20SISO-Ant1-2412



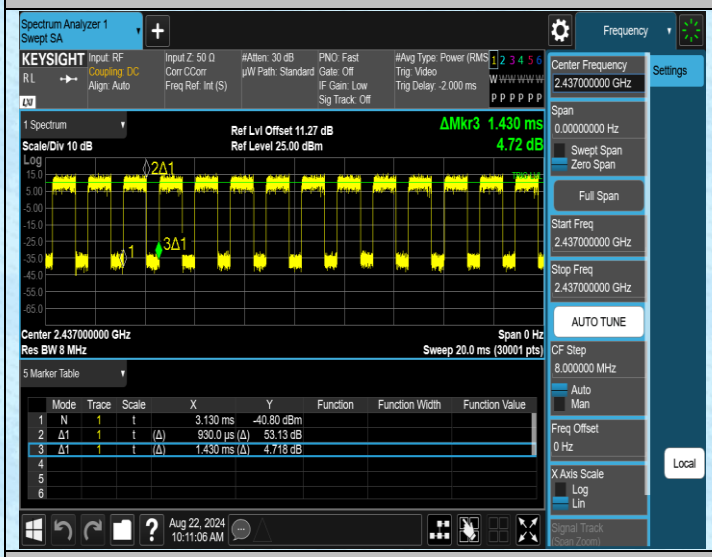
NTNV-11N20SISO-Ant1-2437



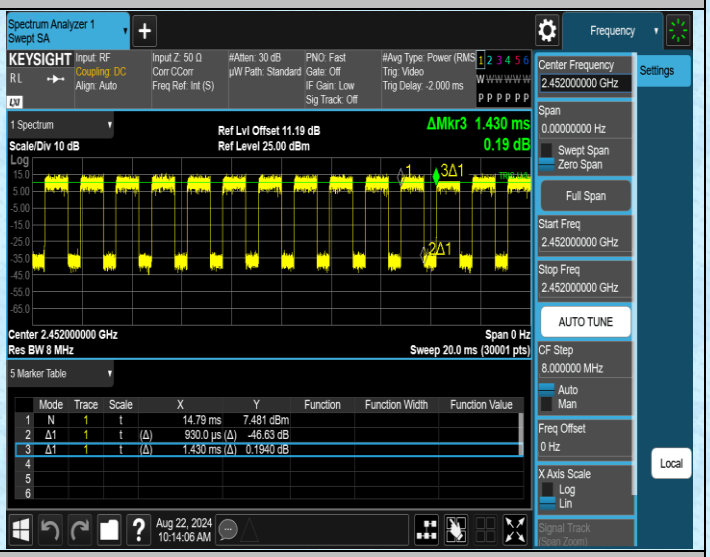
NTNV-11N20SISO-Ant1-2462



NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437



NTNV-11N40SISO-Ant1-2452

------End------