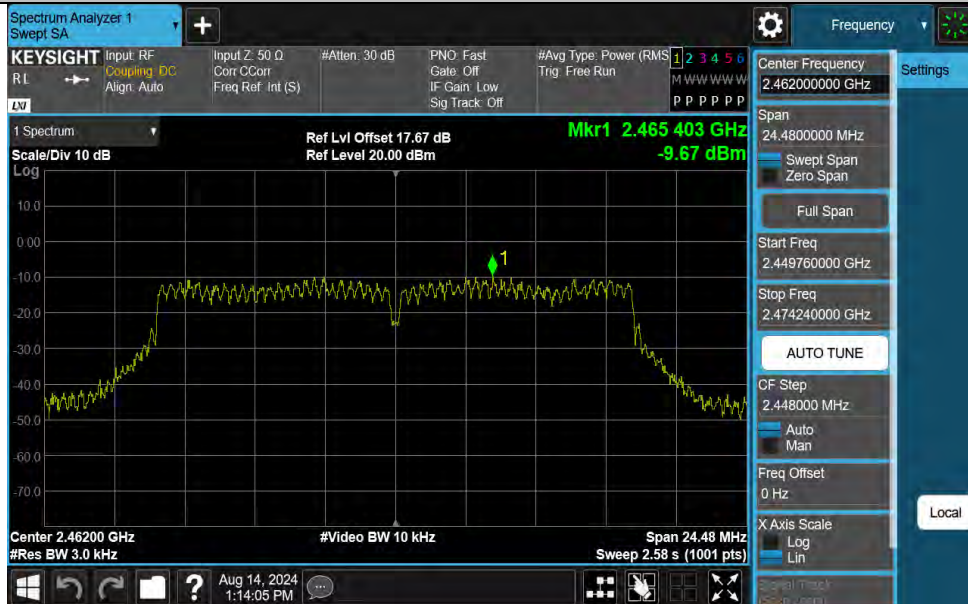


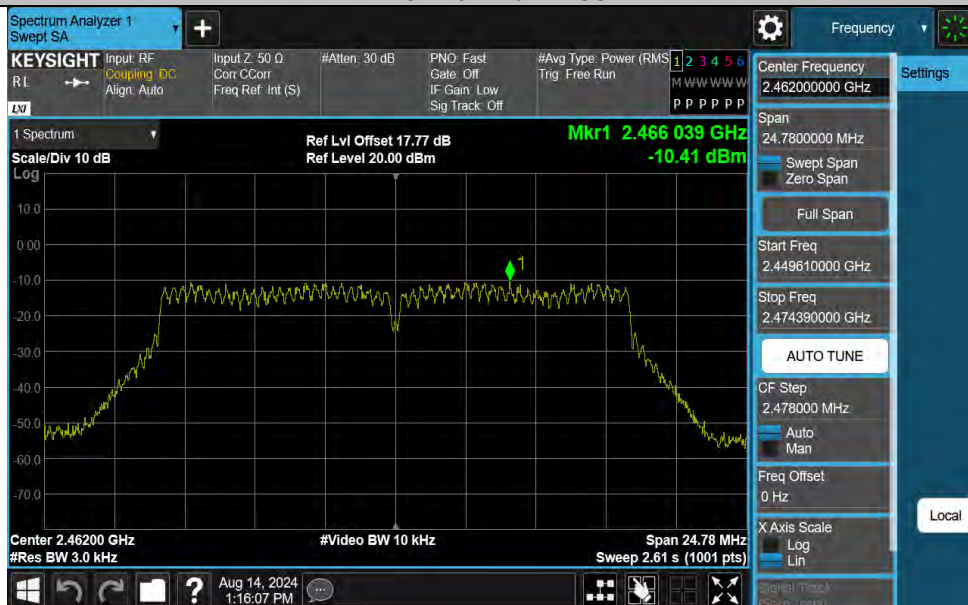
### 11G-Ant2-2437-PASS



### 11G-Ant1-2462-PASS



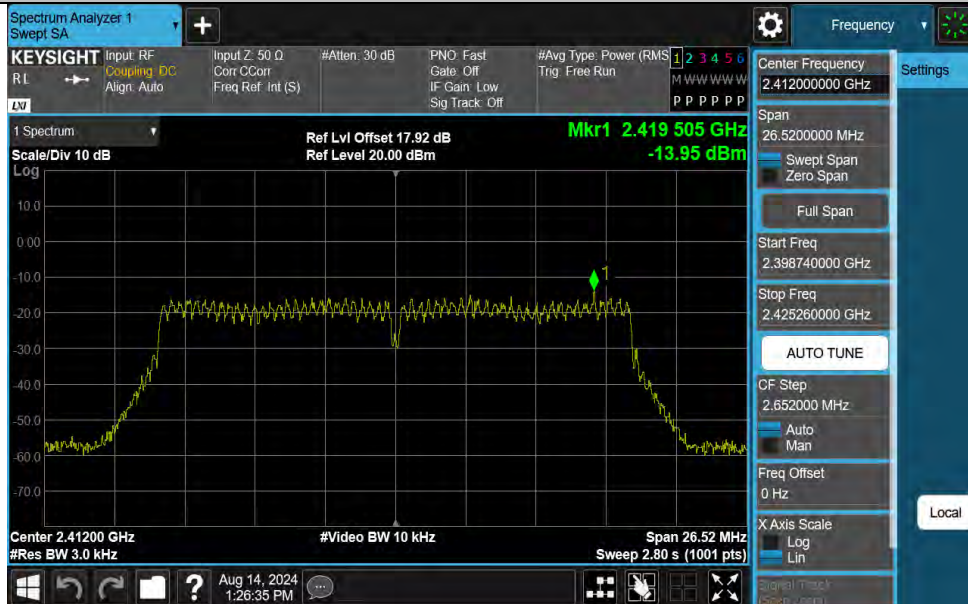
### 11G-Ant2-2462-PASS



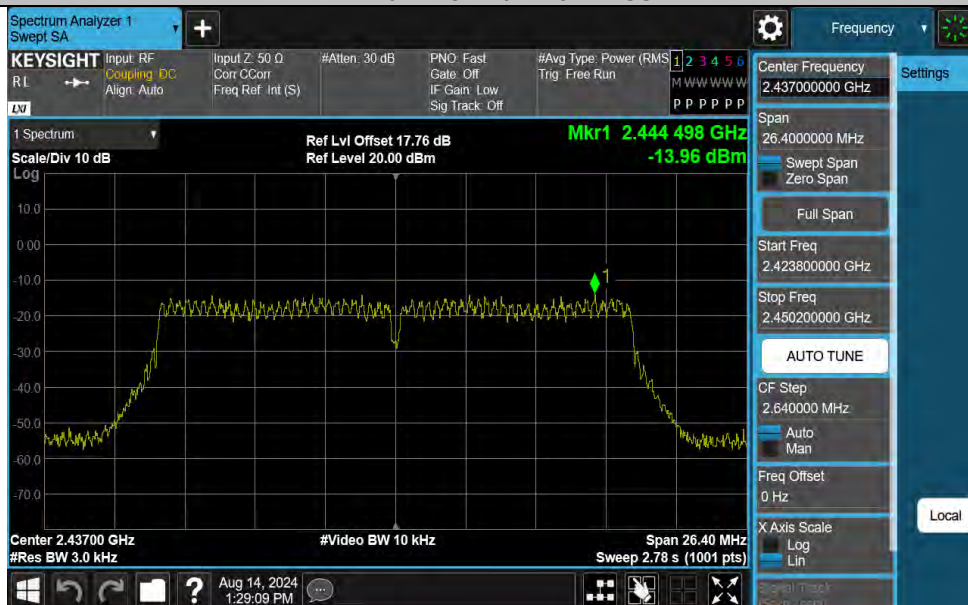
### 11N20MIMO-Ant1-2412-PASS

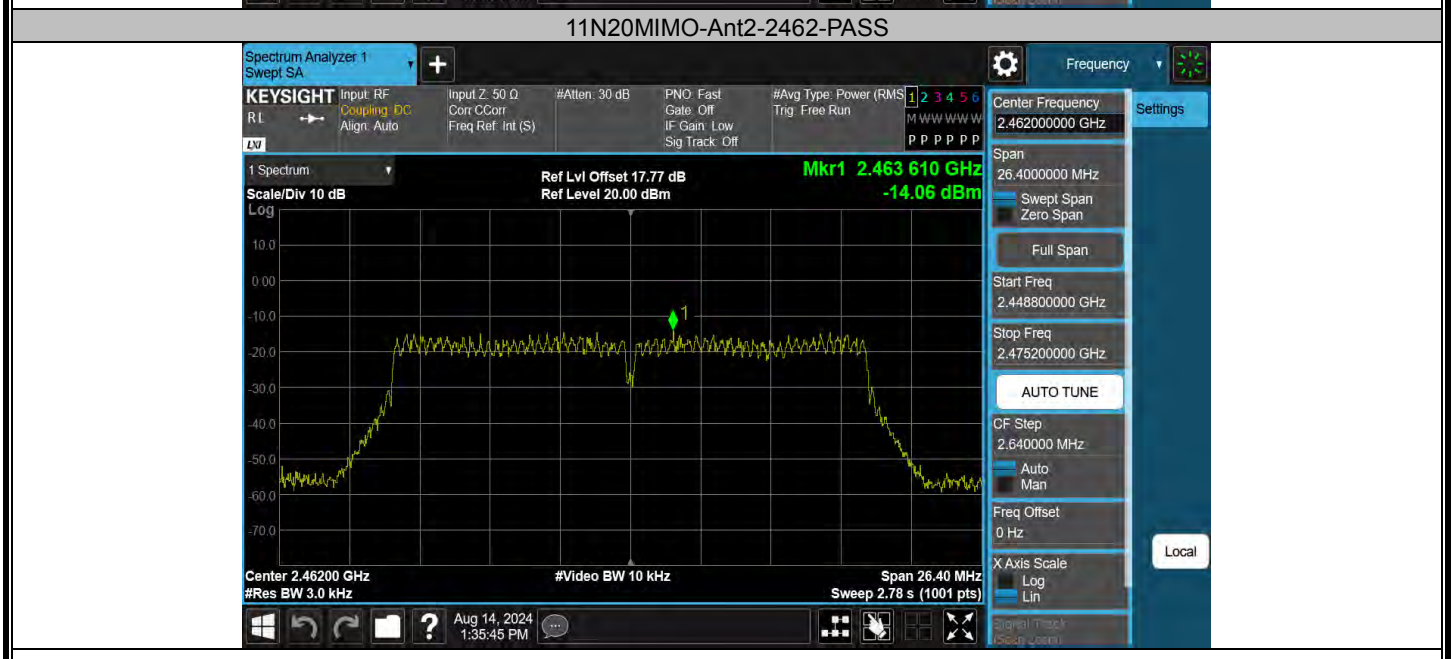
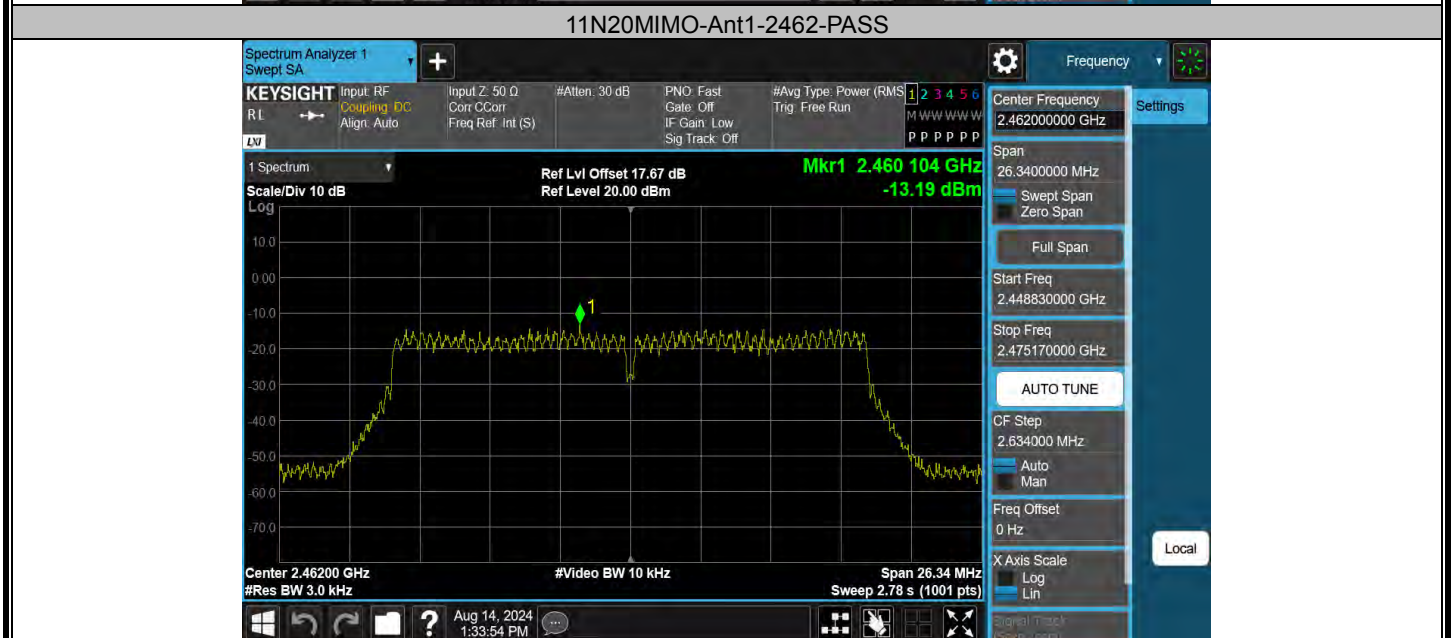
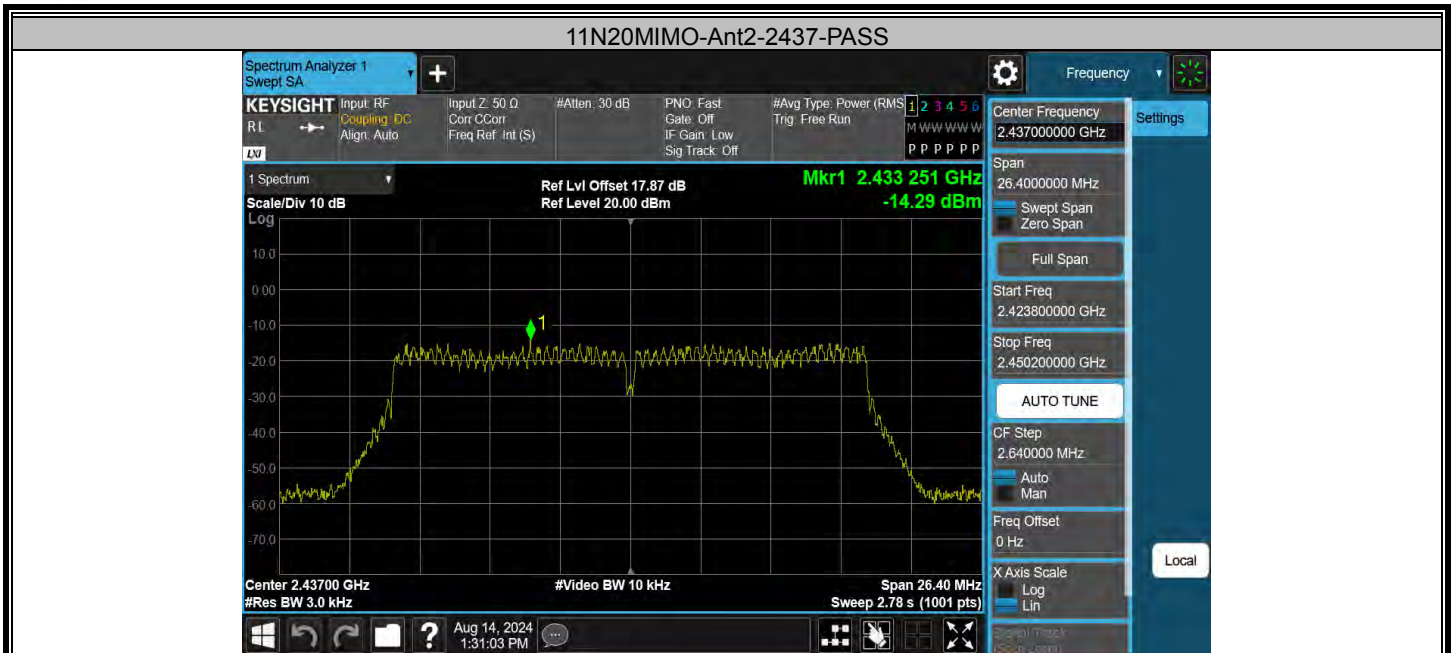


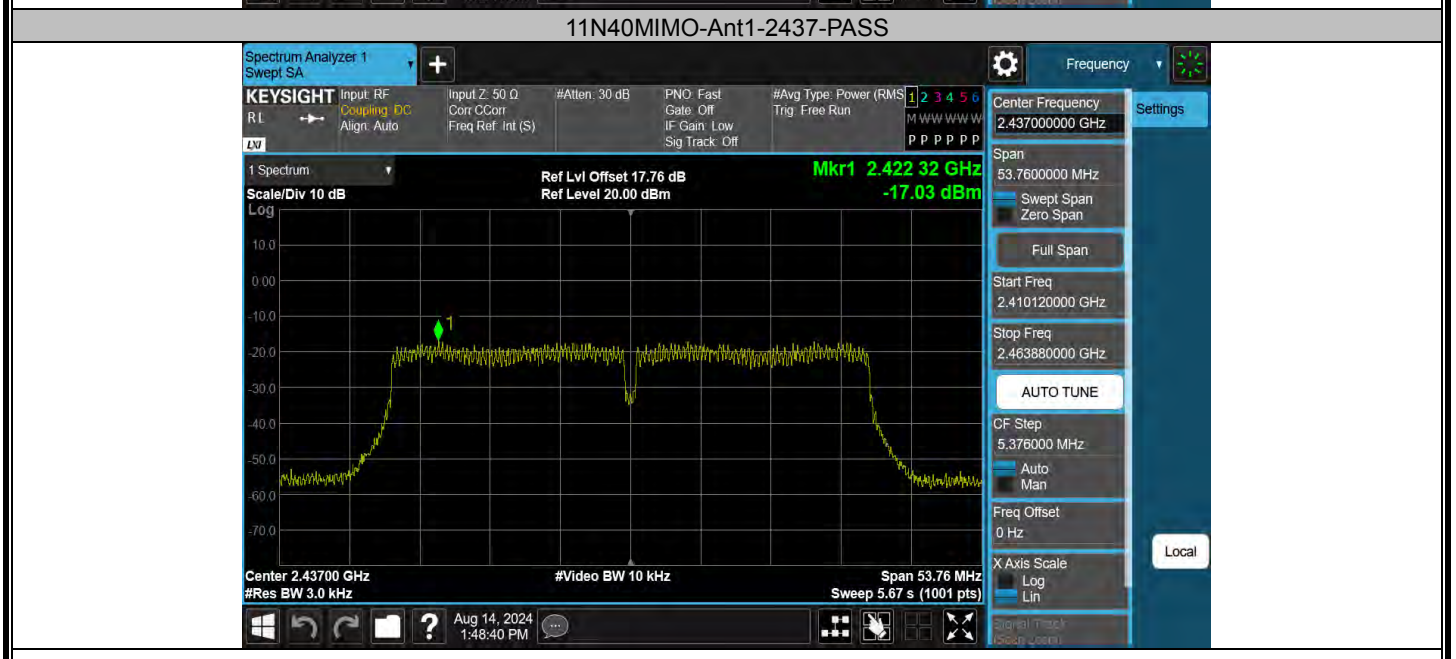
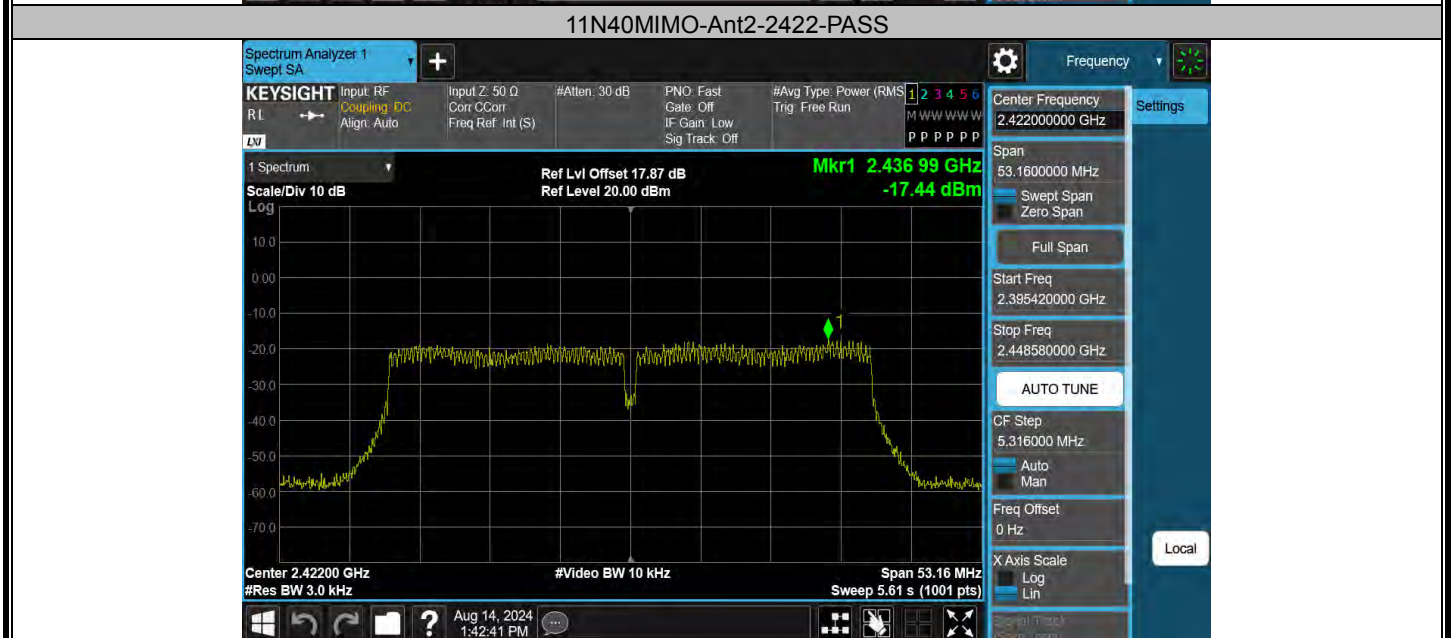
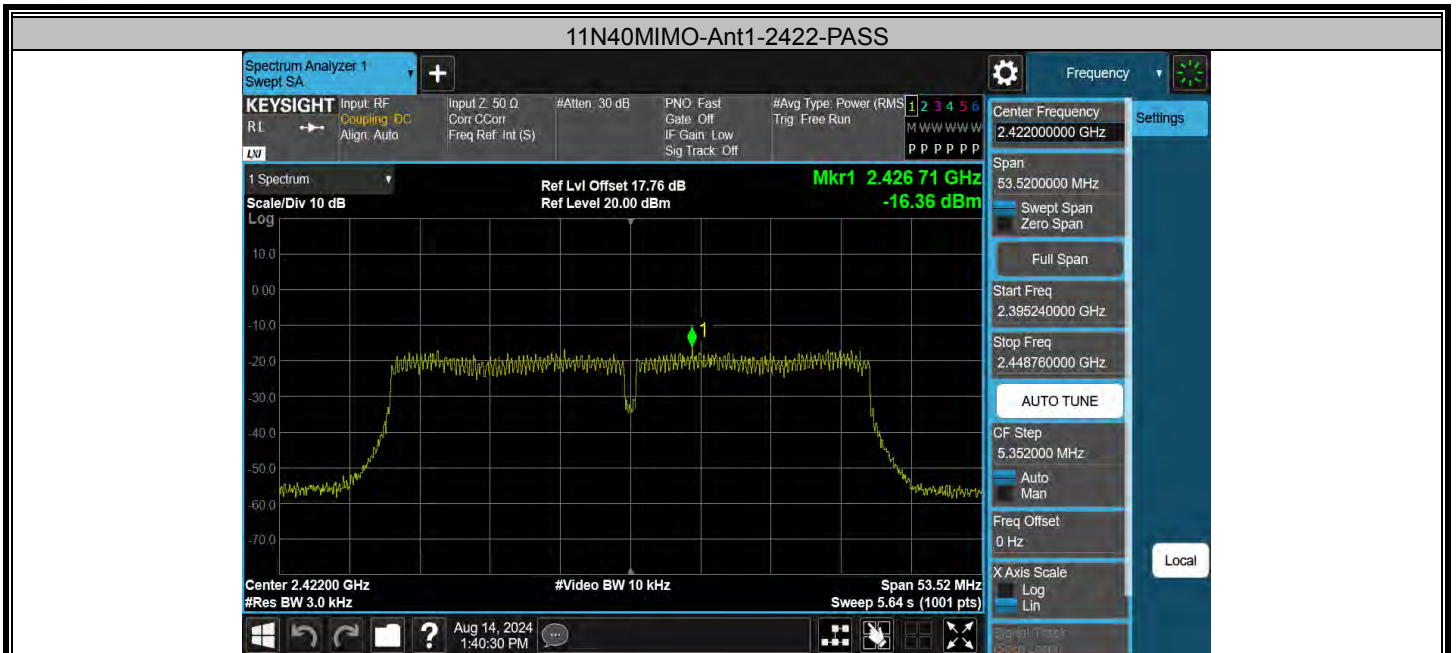
### 11N20MIMO-Ant2-2412-PASS

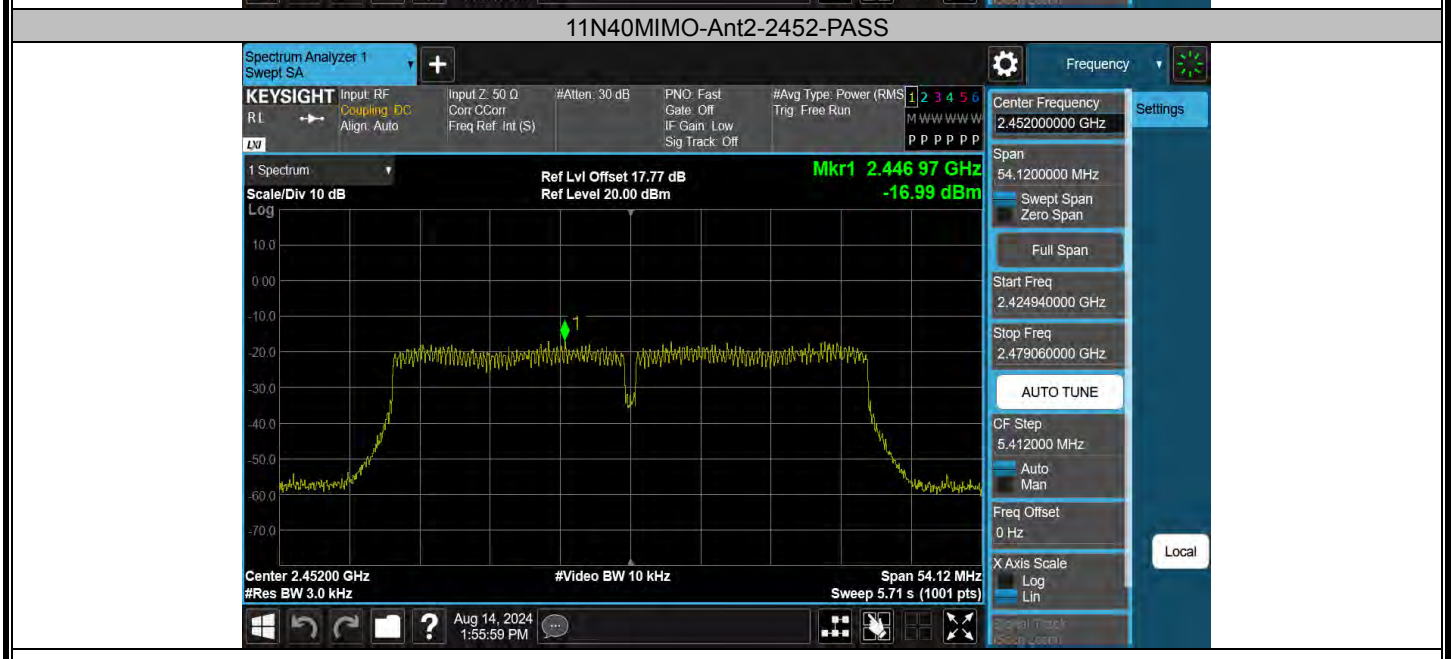
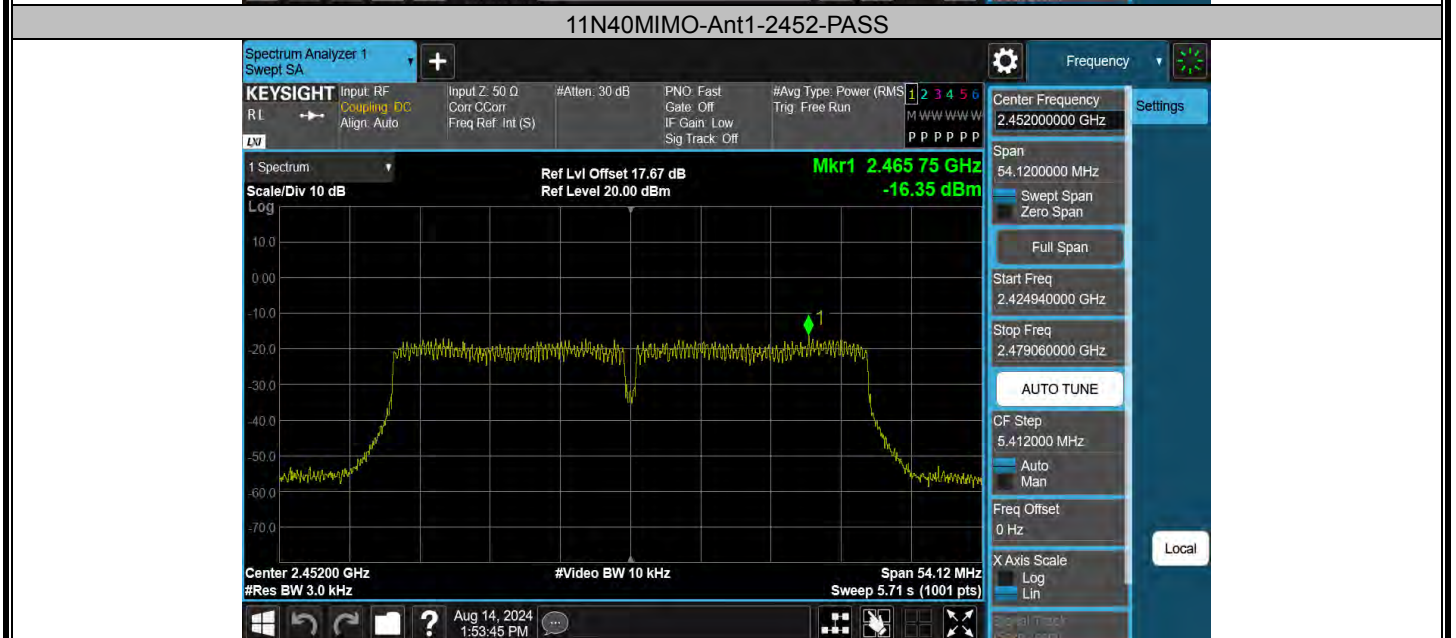
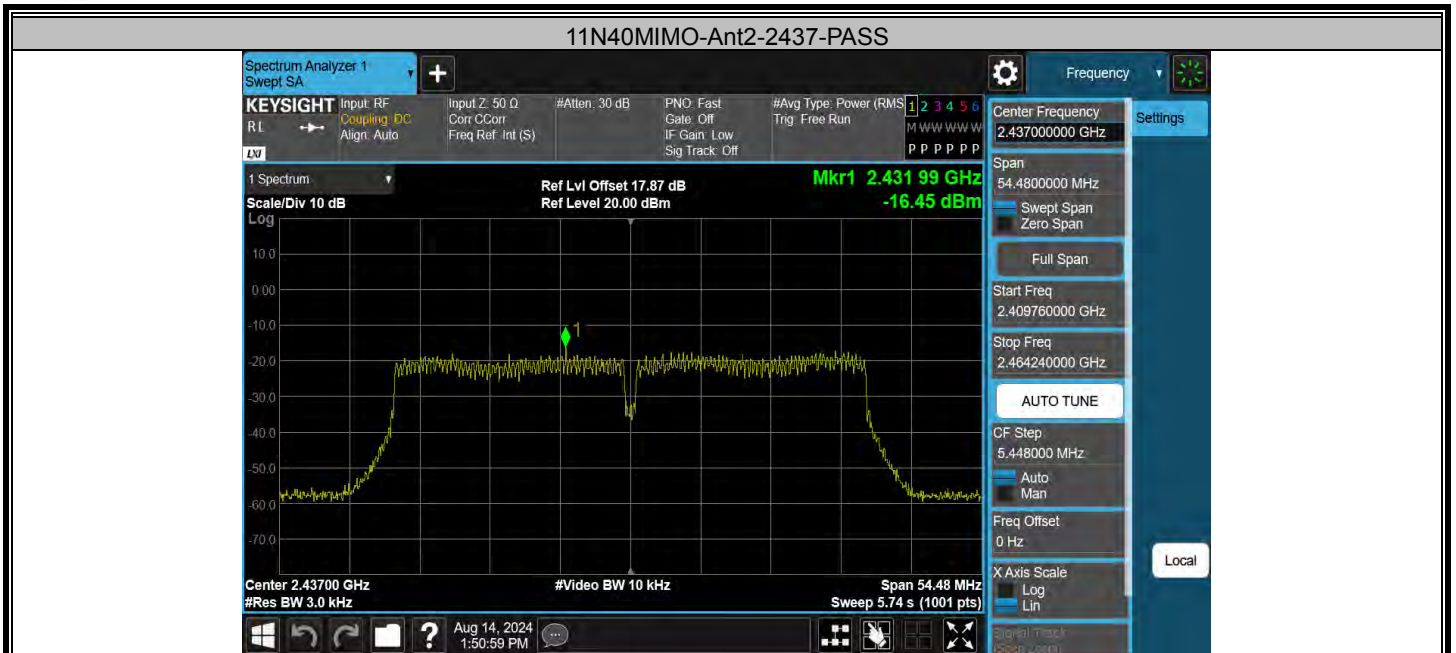


### 11N20MIMO-Ant1-2437-PASS







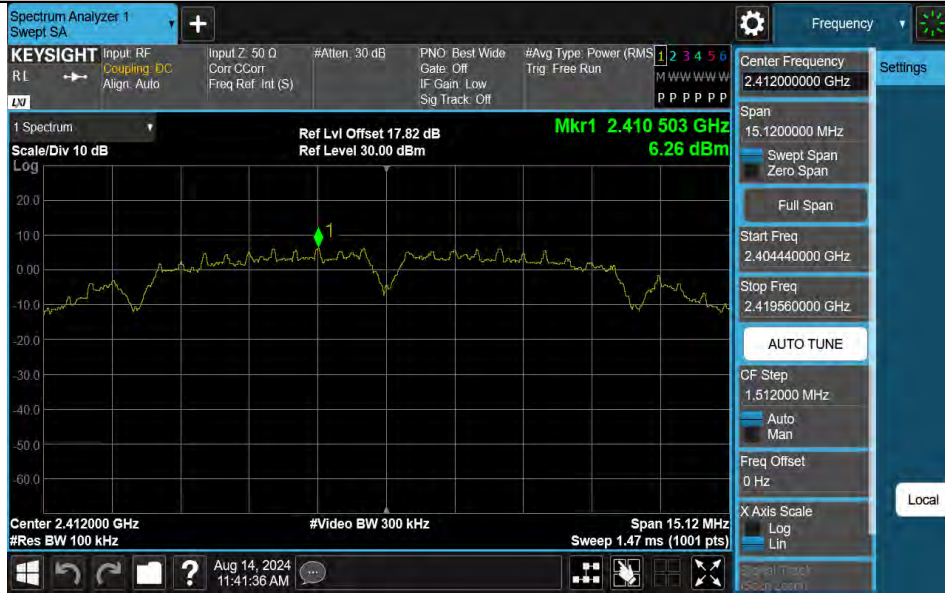


Appendix E: Reference level measurement  
Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2410.50	6.26
11B	Ant2	2412	2409.51	5.84
11B	Ant1	2437	2436.49	6.75
11B	Ant2	2437	2436.52	6.50
11B	Ant1	2462	2462.50	6.73
11B	Ant2	2462	2462.50	6.62
11G	Ant1	2412	2414.50	5.21
11G	Ant2	2412	2419.50	4.75
11G	Ant1	2437	2430.75	4.64
11G	Ant2	2437	2434.52	4.32
11G	Ant1	2462	2454.58	3.06
11G	Ant2	2462	2465.77	4.56
11N20MIMO	Ant1	2412	2409.52	-0.68
11N20MIMO	Ant2	2412	2410.73	-1.51
11N20MIMO	Ant1	2437	2433.25	-0.26
11N20MIMO	Ant2	2437	2439.46	-1.31
11N20MIMO	Ant1	2462	2464.50	0.74
11N20MIMO	Ant2	2462	2469.50	0.14
11N40MIMO	Ant1	2422	2438.22	-2.90
11N40MIMO	Ant2	2422	2436.99	-2.65
11N40MIMO	Ant1	2437	2442.00	-2.62
11N40MIMO	Ant2	2437	2453.24	-2.54
11N40MIMO	Ant1	2452	2466.99	-1.79
11N40MIMO	Ant2	2452	2457.03	-3.02

### Test Graphs

#### 11B-Ant1-2412-PASS



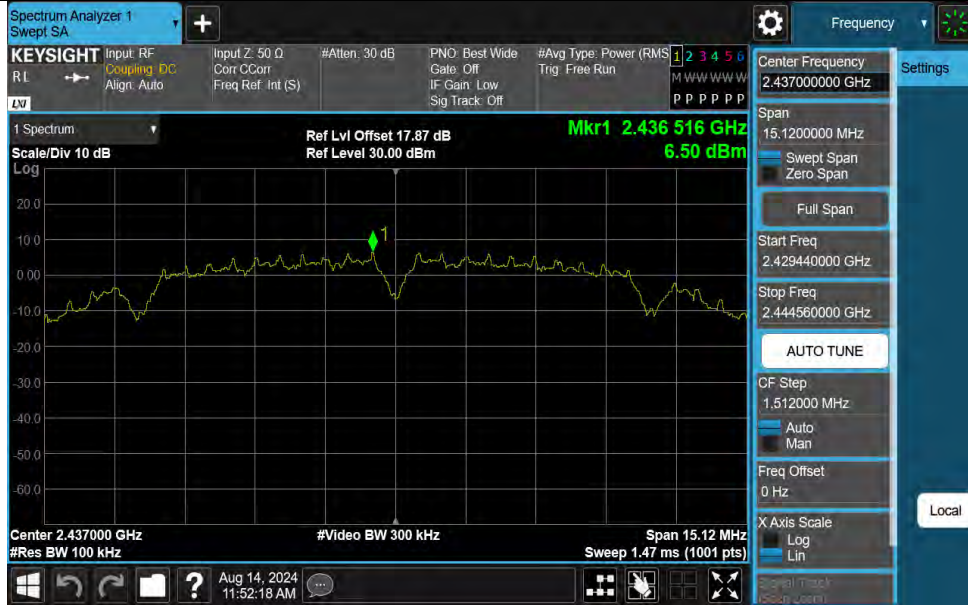
#### 11B-Ant2-2412-PASS



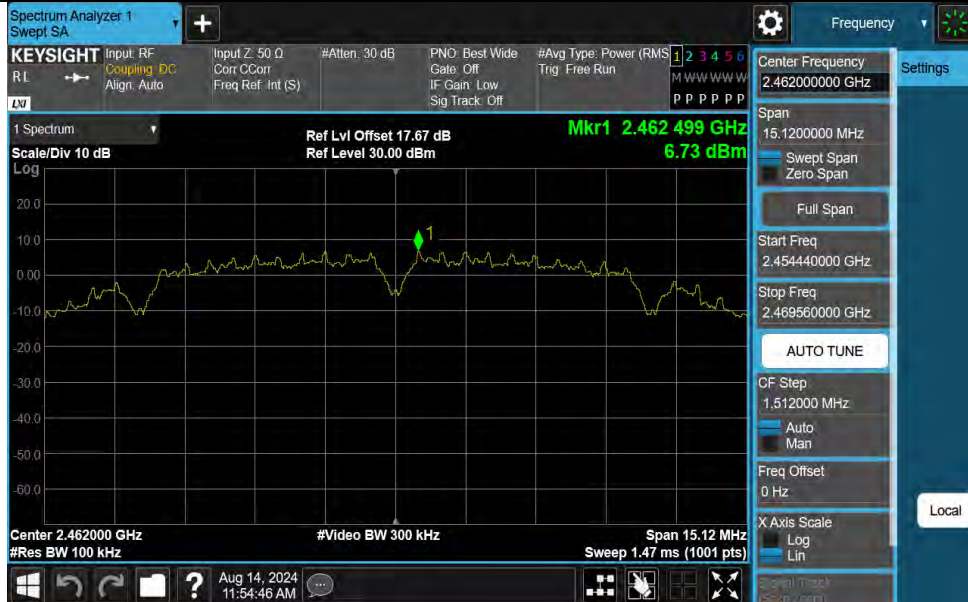
#### 11B-Ant1-2437-PASS



### 11B-Ant2-2437-PASS



### 11B-Ant1-2462-PASS

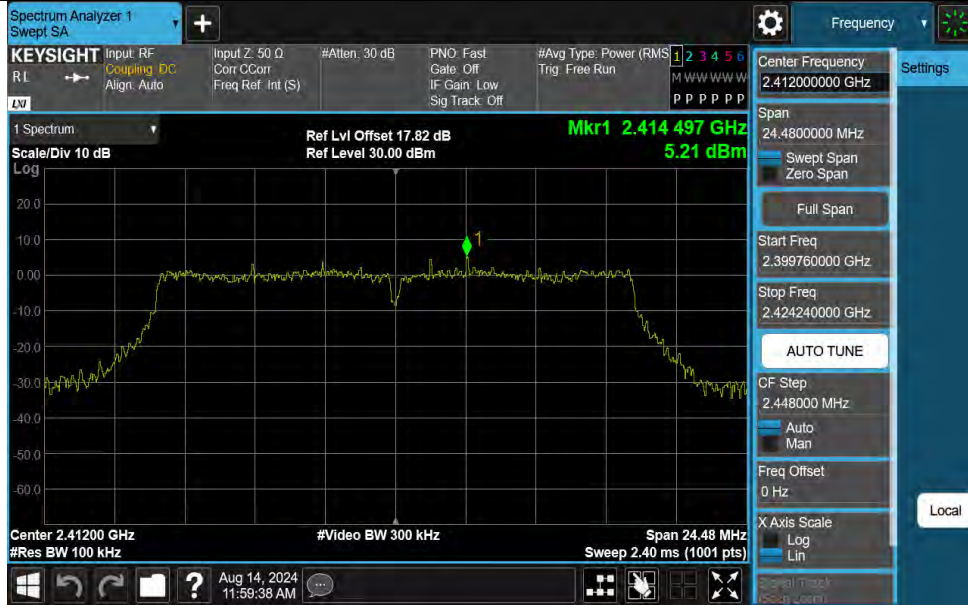


### 11B-Ant2-2462-PASS





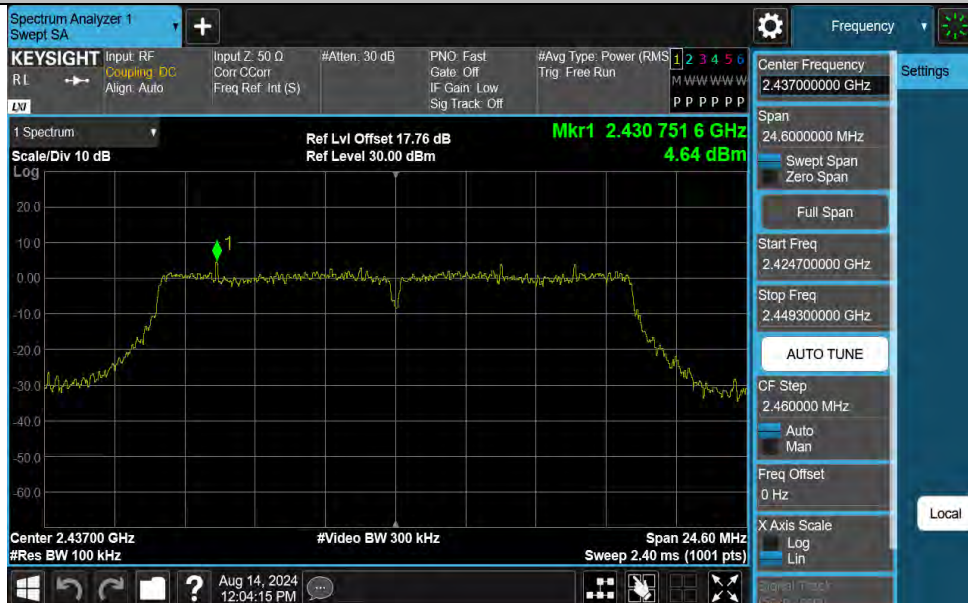
### 11G-Ant1-2412-PASS



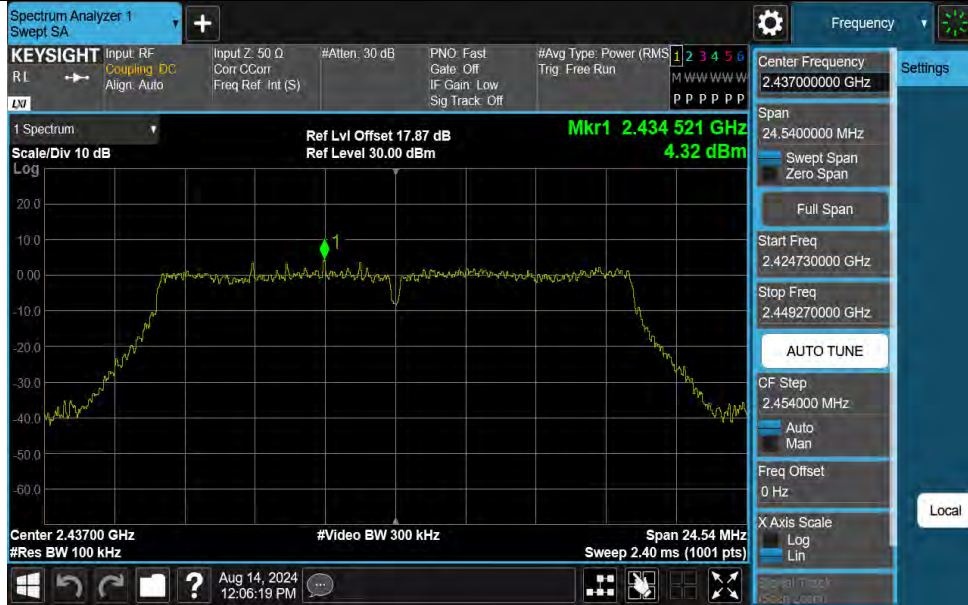
### 11G-Ant2-2412-PASS



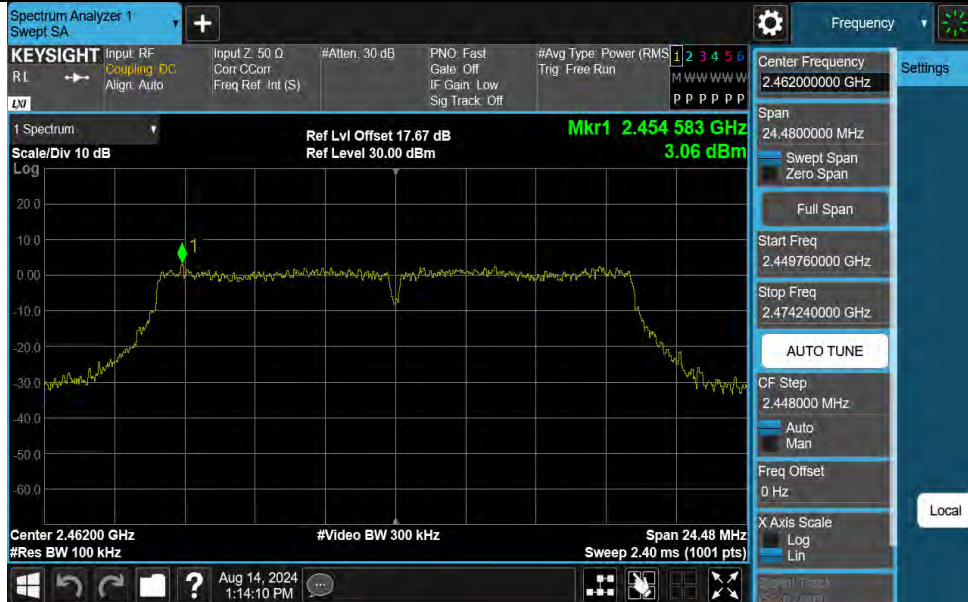
### 11G-Ant1-2437-PASS



### 11G-Ant2-2437-PASS



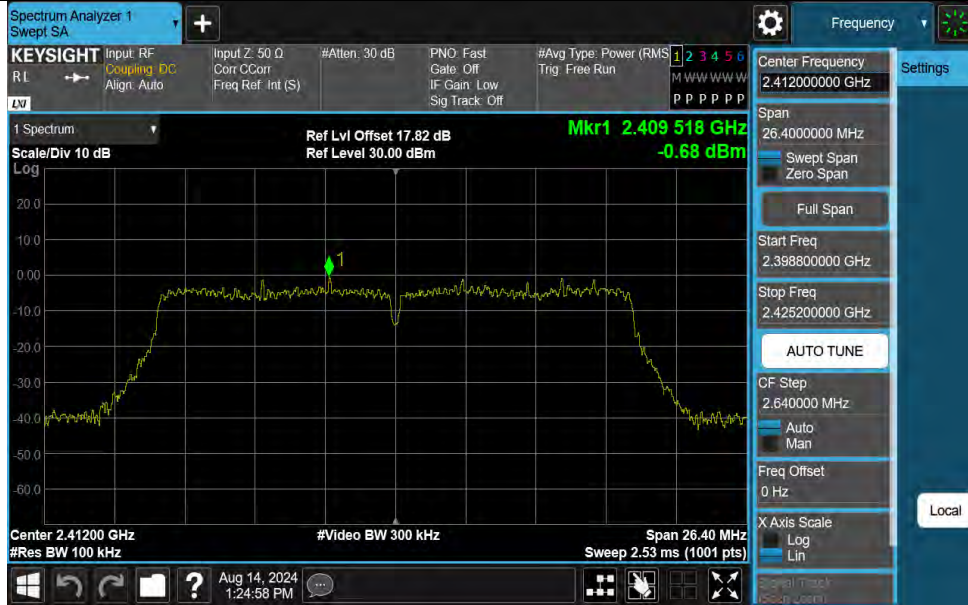
### 11G-Ant1-2462-PASS



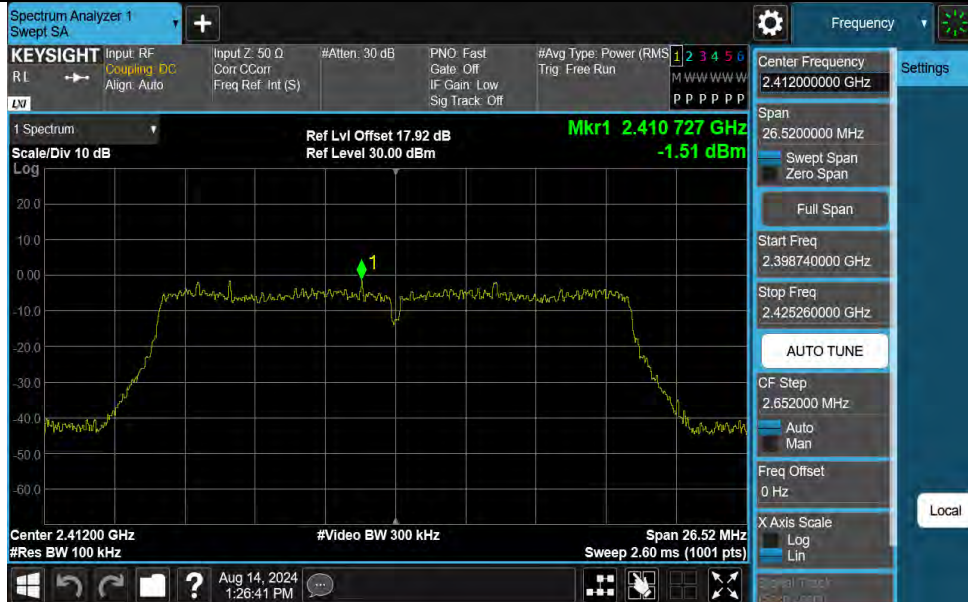
### 11G-Ant2-2462-PASS



## 11N20MIMO-Ant1-2412-PASS



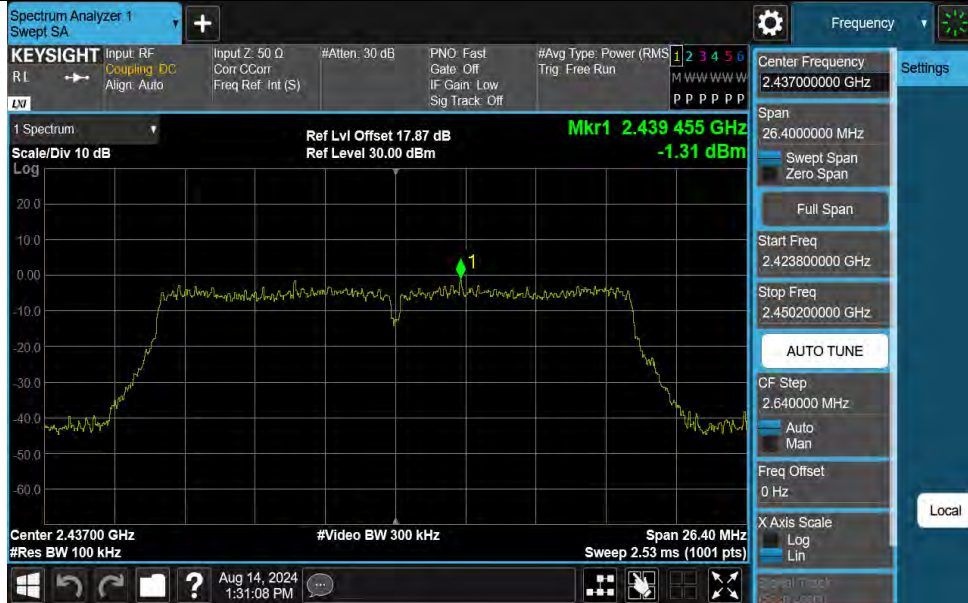
## 11N20MIMO-Ant2-2412-PASS



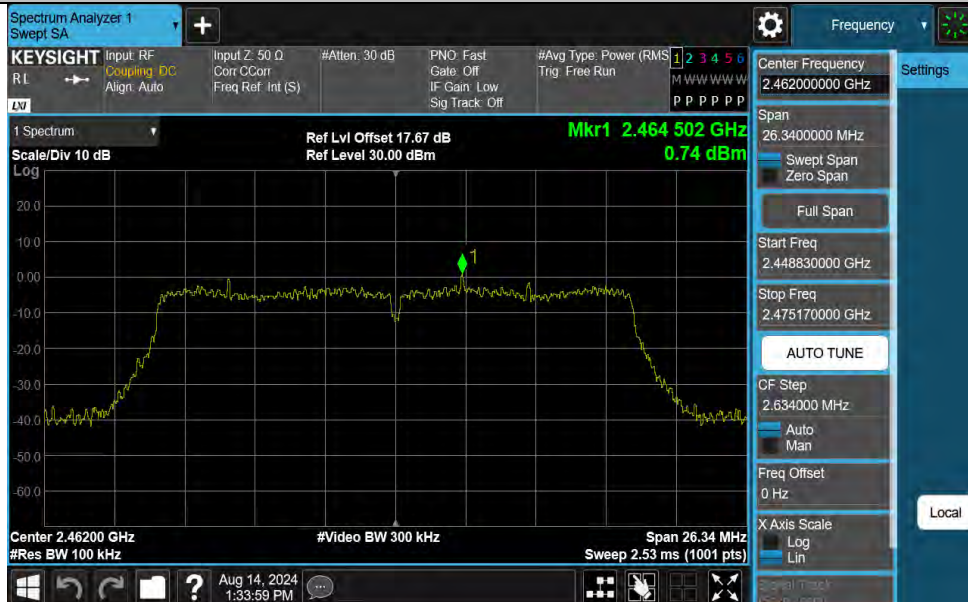
## 11N20MIMO-Ant1-2437-PASS



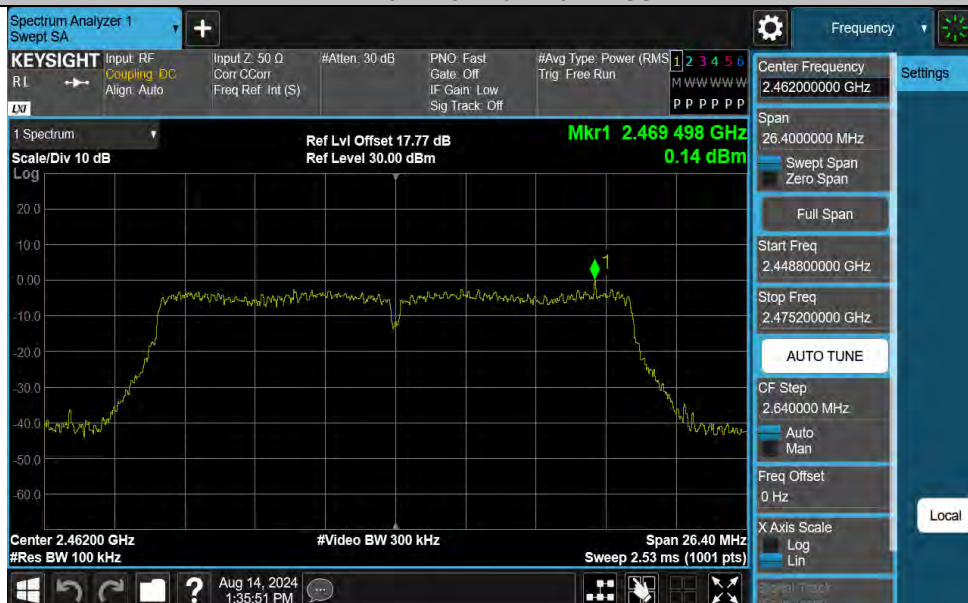
## 11N20MIMO-Ant2-2437-PASS



## 11N20MIMO-Ant1-2462-PASS



## 11N20MIMO-Ant2-2462-PASS



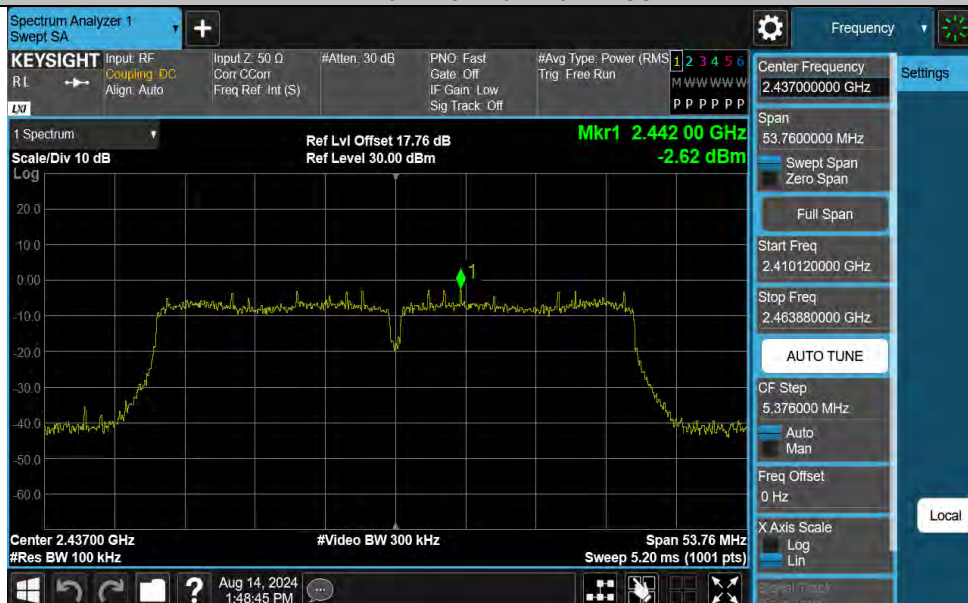
## 11N40MIMO-Ant1-2422-PASS



## 11N40MIMO-Ant2-2422-PASS



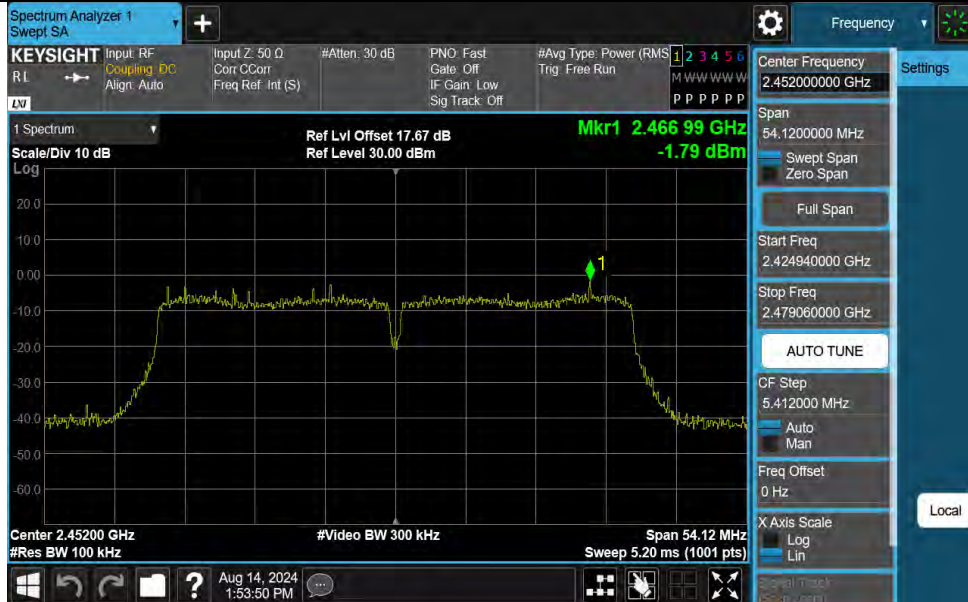
## 11N40MIMO-Ant1-2437-PASS



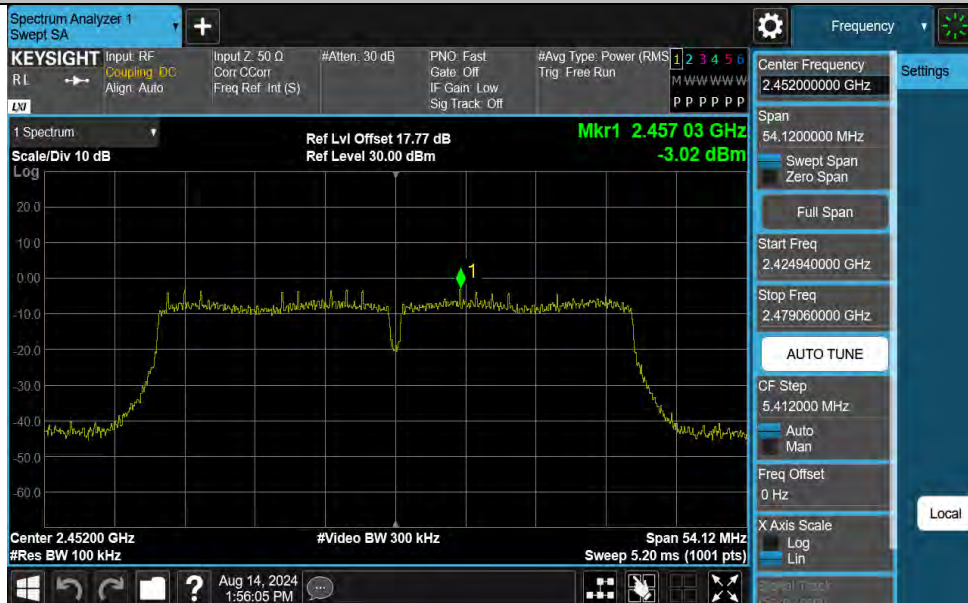
### 11N40MIMO-Ant2-2437-PASS



### 11N40MIMO-Ant1-2452-PASS



### 11N40MIMO-Ant2-2452-PASS



Appendix F: Band edge measurements  
Test Result

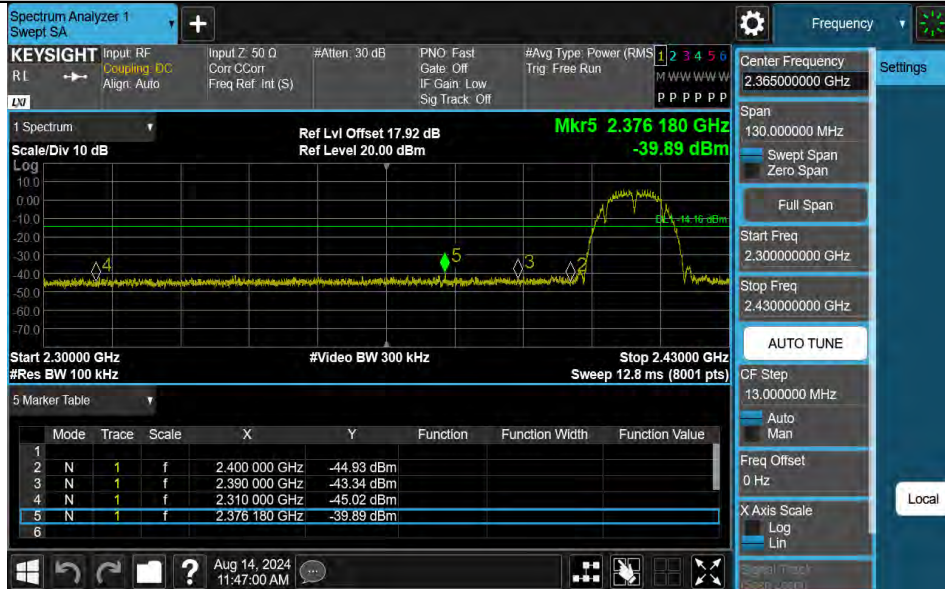
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.26	-36.25	≤-13.74	PASS
11B	Ant2	Low	2412	5.84	-39.89	≤-14.16	PASS
11B	Ant1	High	2462	6.73	-40.73	≤-13.27	PASS
11B	Ant2	High	2462	6.62	-40.35	≤-13.38	PASS
11G	Ant1	Low	2412	5.21	-28.39	≤-14.79	PASS
11G	Ant2	Low	2412	4.75	-36.74	≤-15.25	PASS
11G	Ant1	High	2462	3.06	-36.67	≤-16.94	PASS
11G	Ant2	High	2462	4.56	-39.54	≤-15.44	PASS
11N20MIMO	Ant1	Low	2412	-0.68	-37.1	≤-20.68	PASS
11N20MIMO	Ant2	Low	2412	-1.51	-39.34	≤-21.51	PASS
11N20MIMO	Ant1	High	2462	0.74	-40.8	≤-19.26	PASS
11N20MIMO	Ant2	High	2462	0.14	-40.72	≤-19.86	PASS
11N40MIMO	Ant1	Low	2422	-2.90	-37.48	≤-22.90	PASS
11N40MIMO	Ant2	Low	2422	-2.65	-40.36	≤-22.65	PASS
11N40MIMO	Ant1	High	2452	-1.79	-39.27	≤-21.79	PASS
11N40MIMO	Ant2	High	2452	-3.02	-40.83	≤-23.02	PASS

Test Graphs

11B-Ant1-2412-PASS



11B-Ant2-2412-PASS

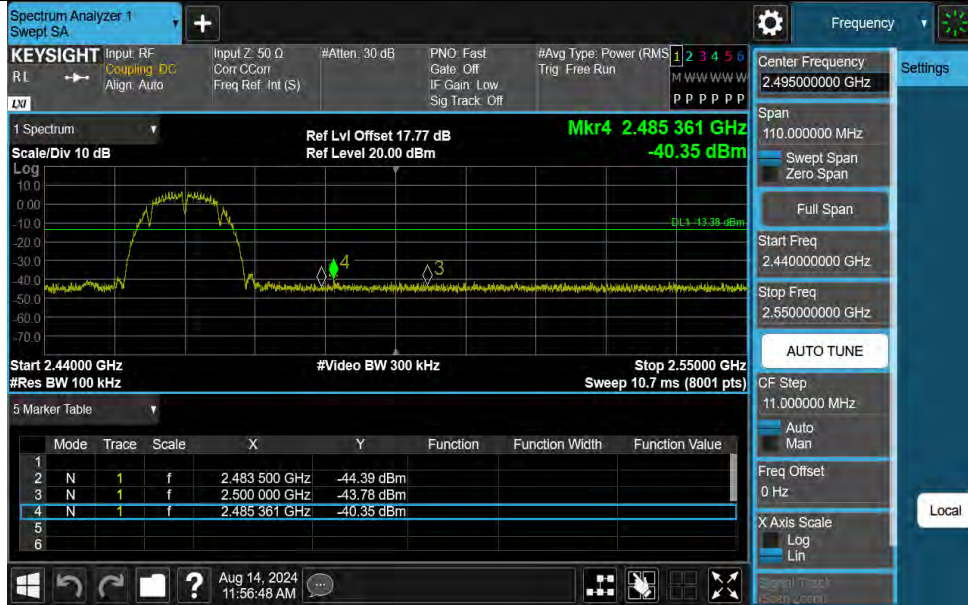


11B-Ant1-2462-PASS





11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



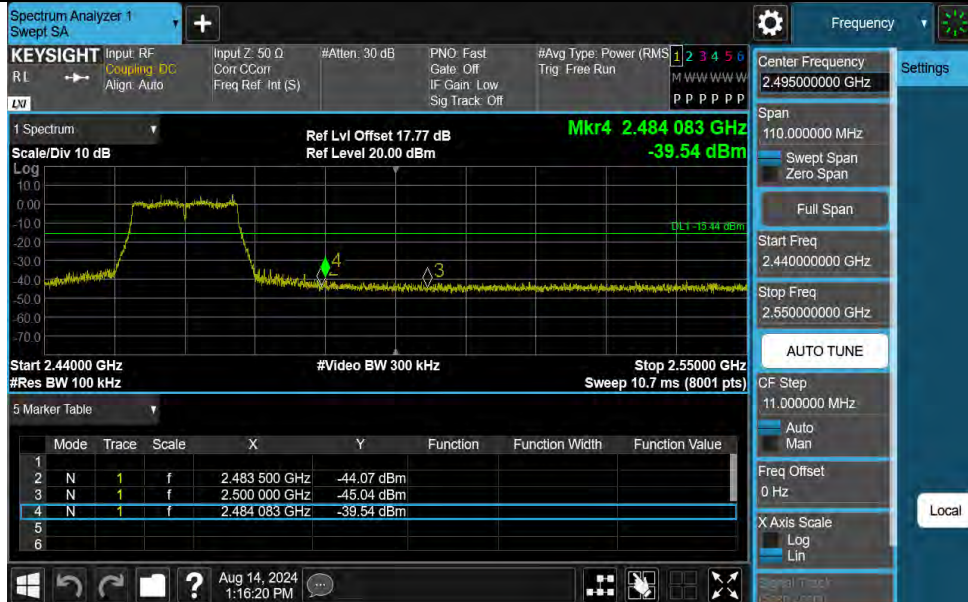
11G-Ant2-2412-PASS



### 11G-Ant1-2462-PASS

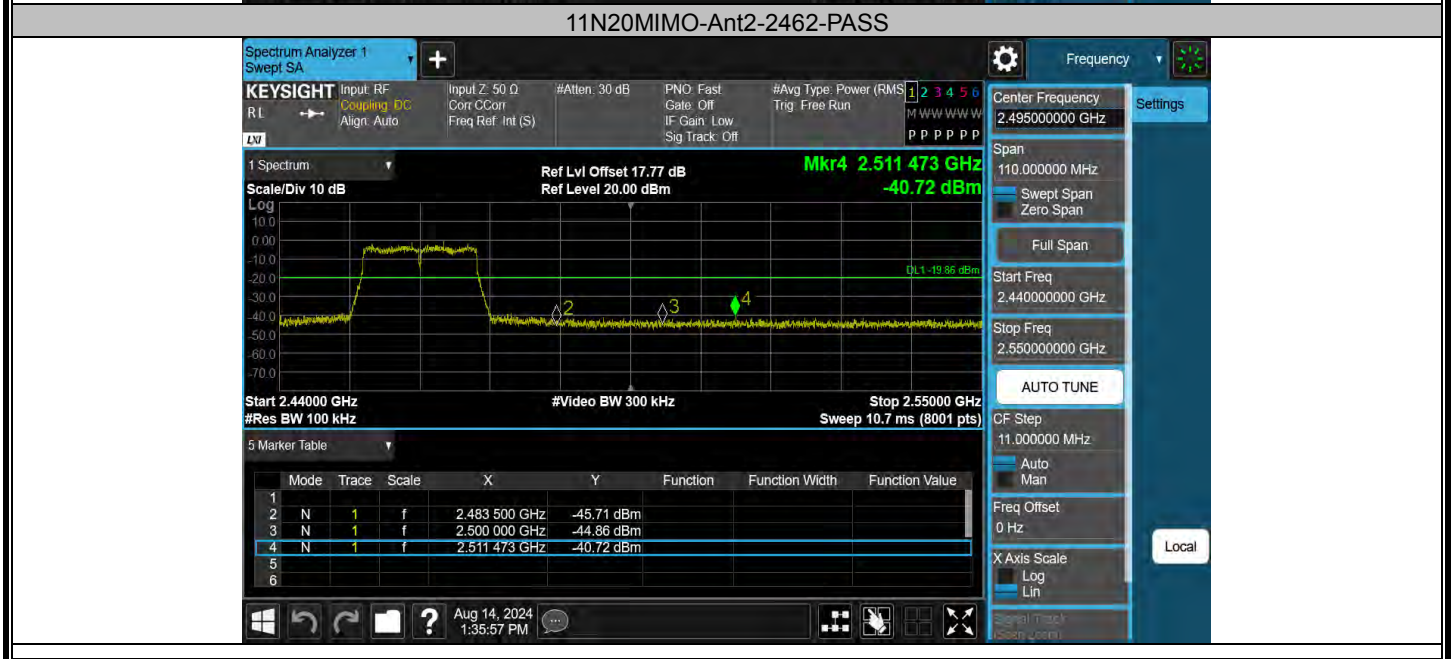
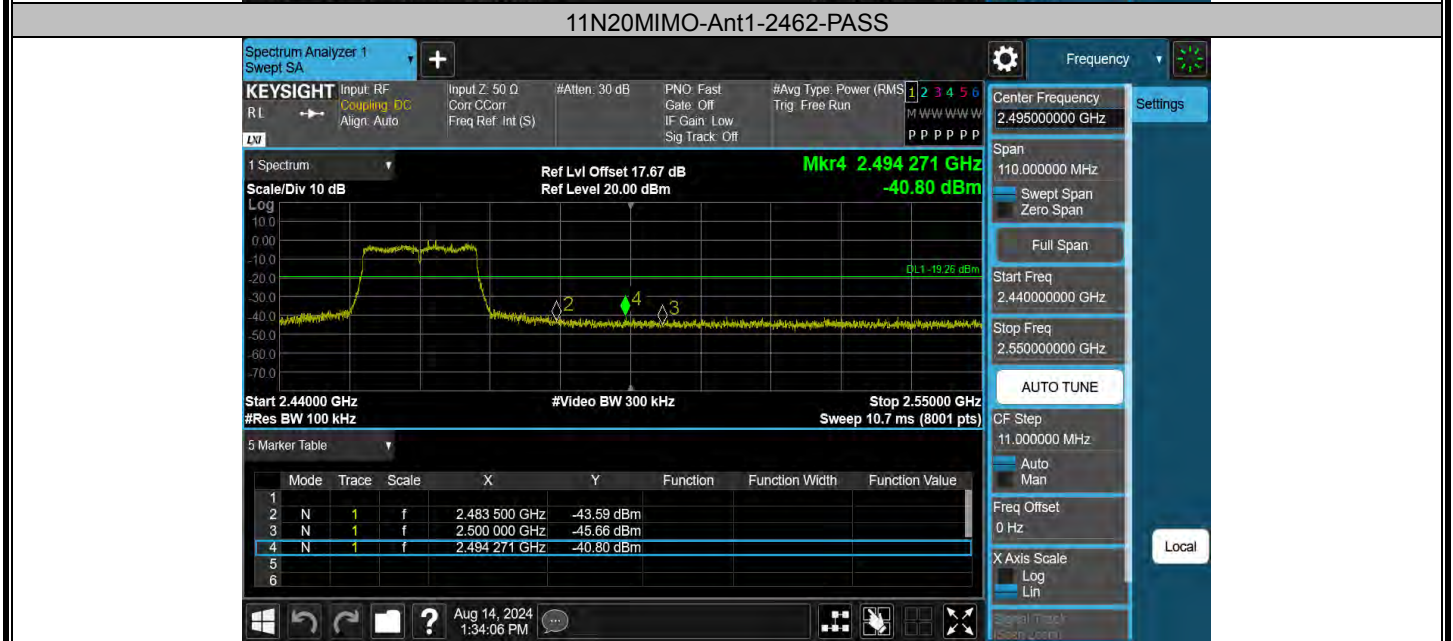
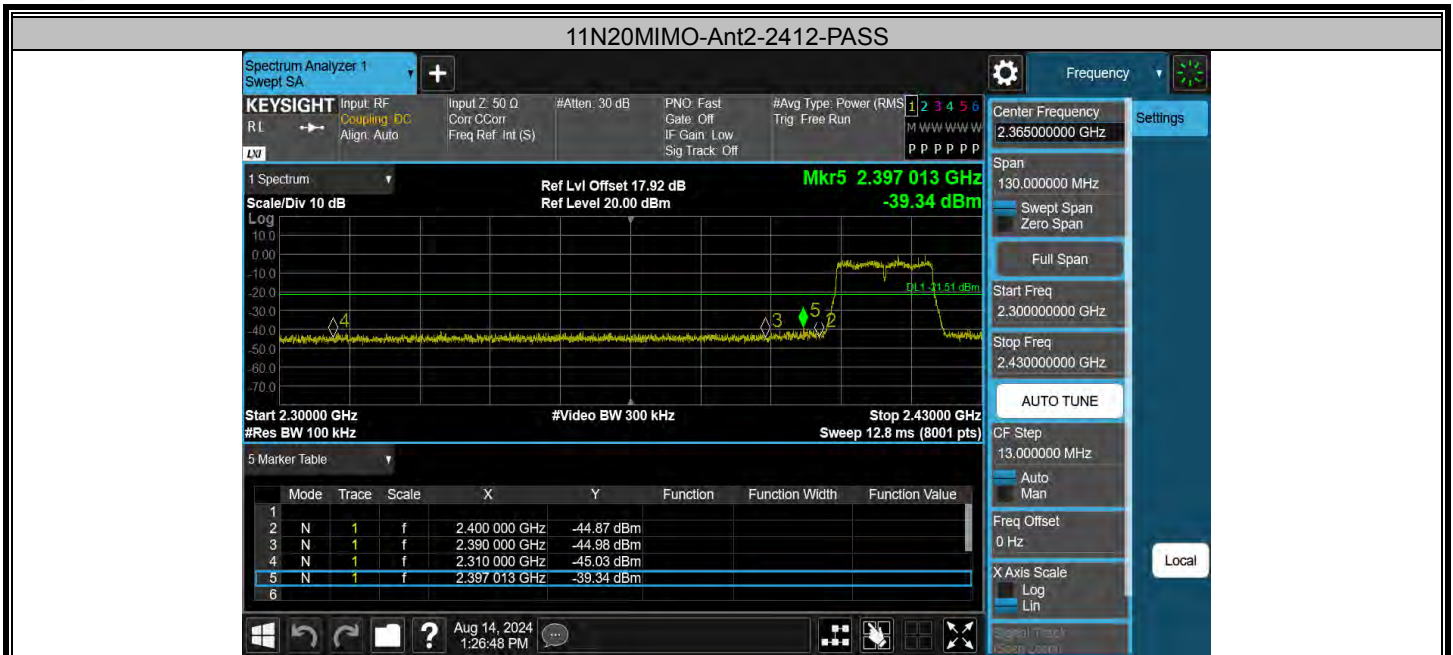


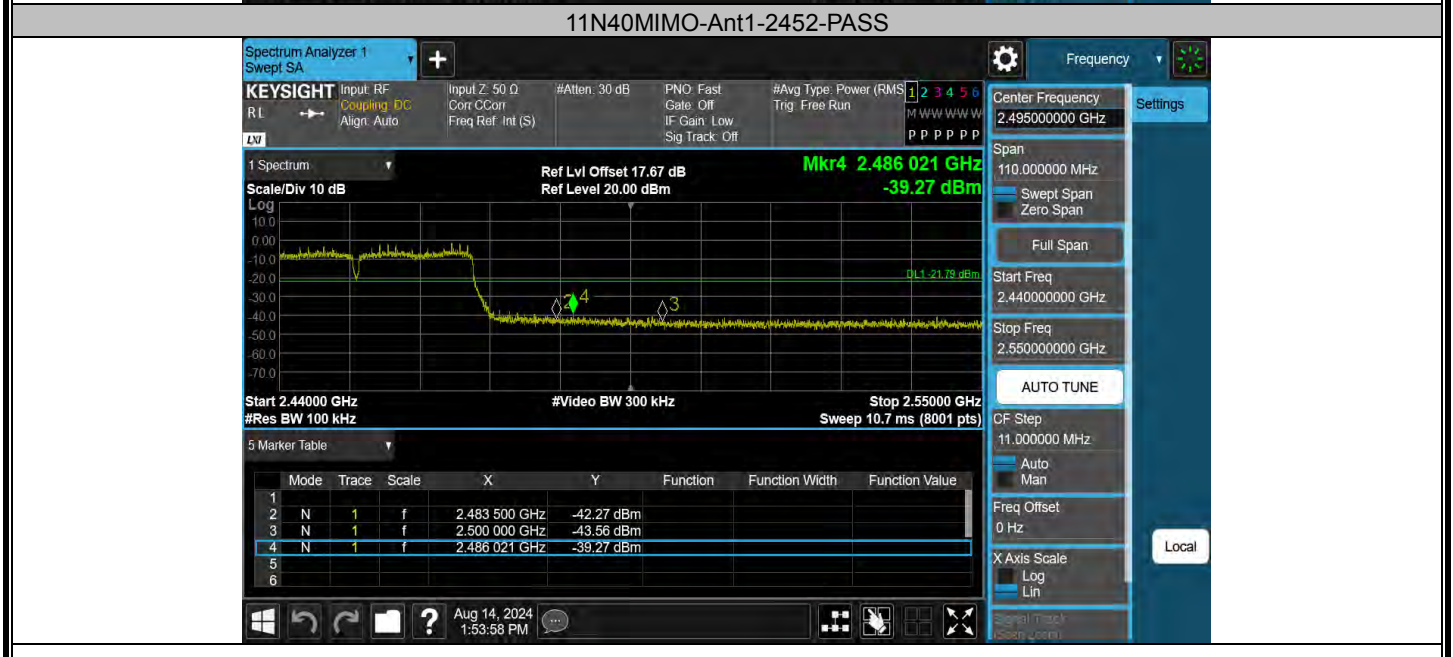
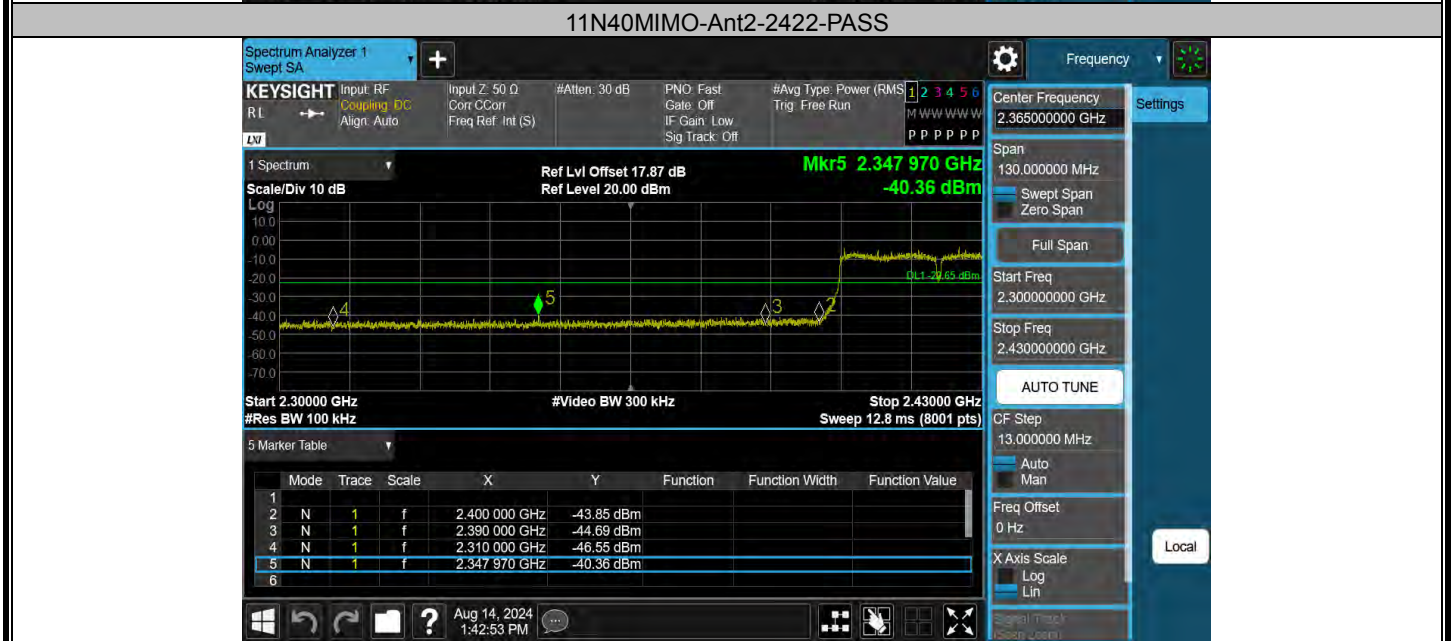
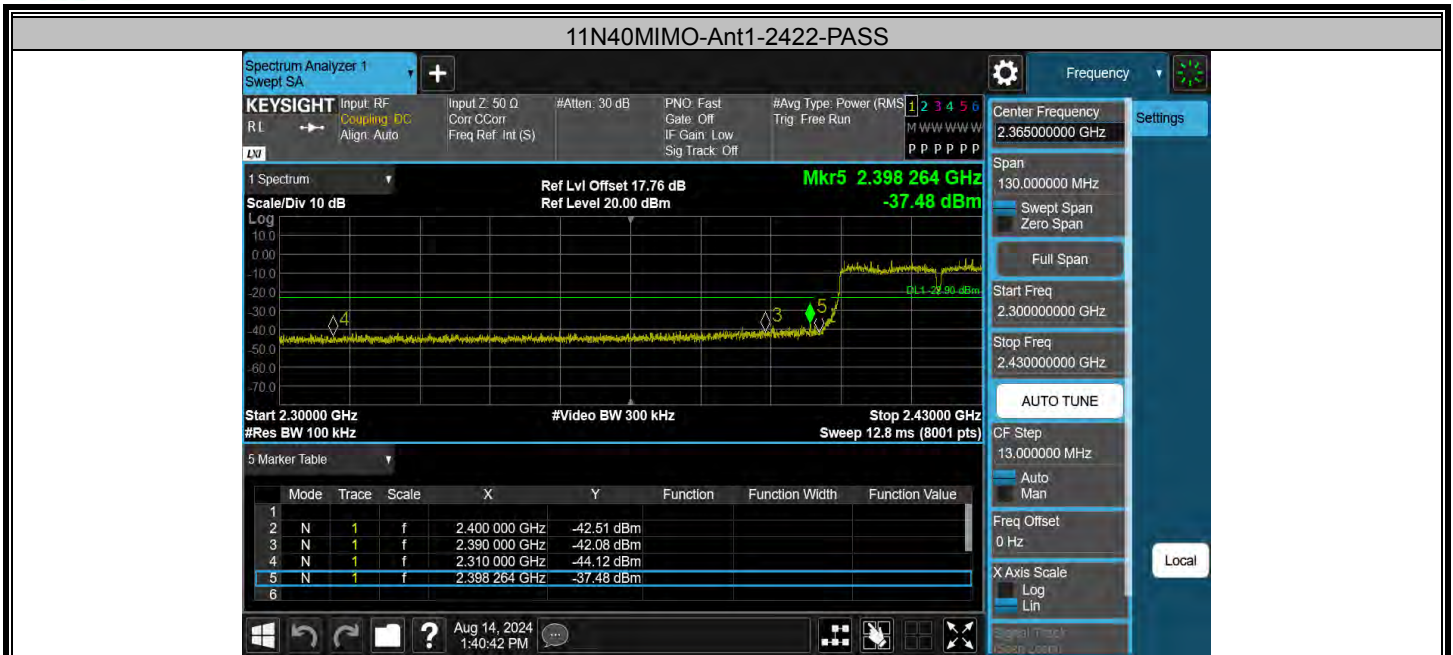
### 11G-Ant2-2462-PASS

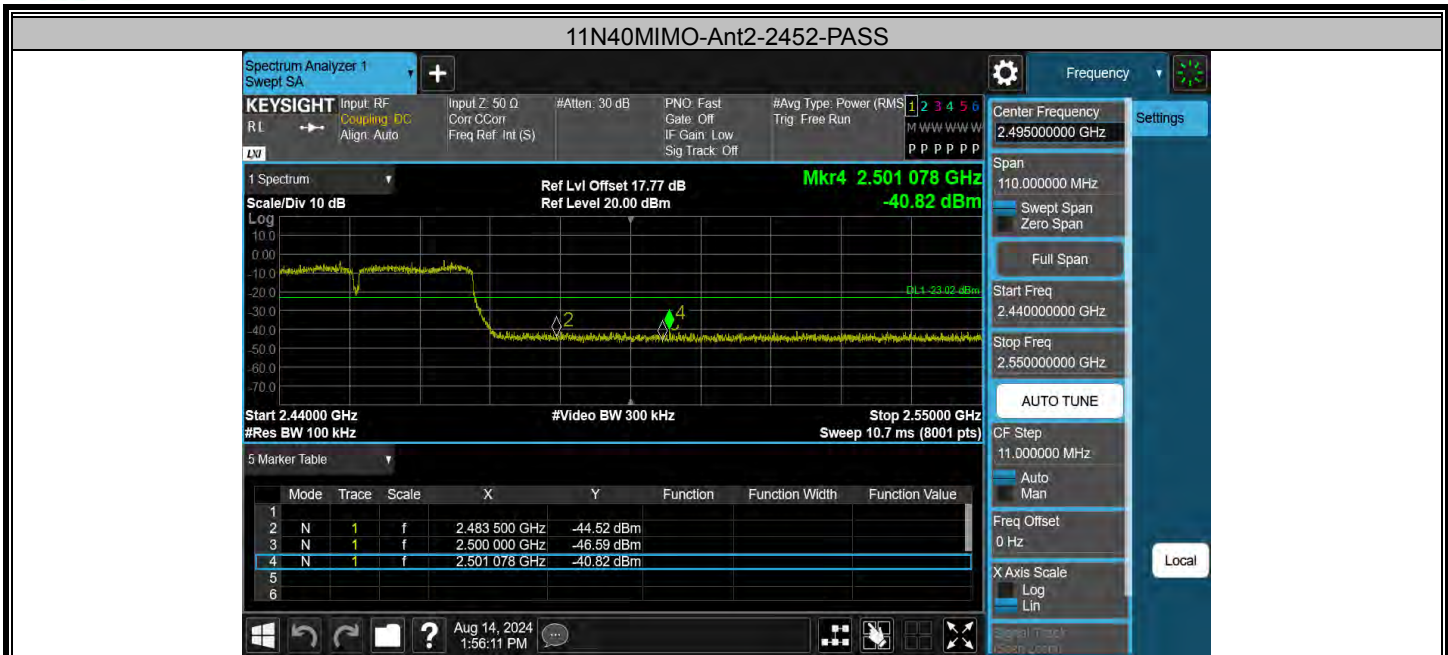


### 11N20MIMO-Ant1-2412-PASS







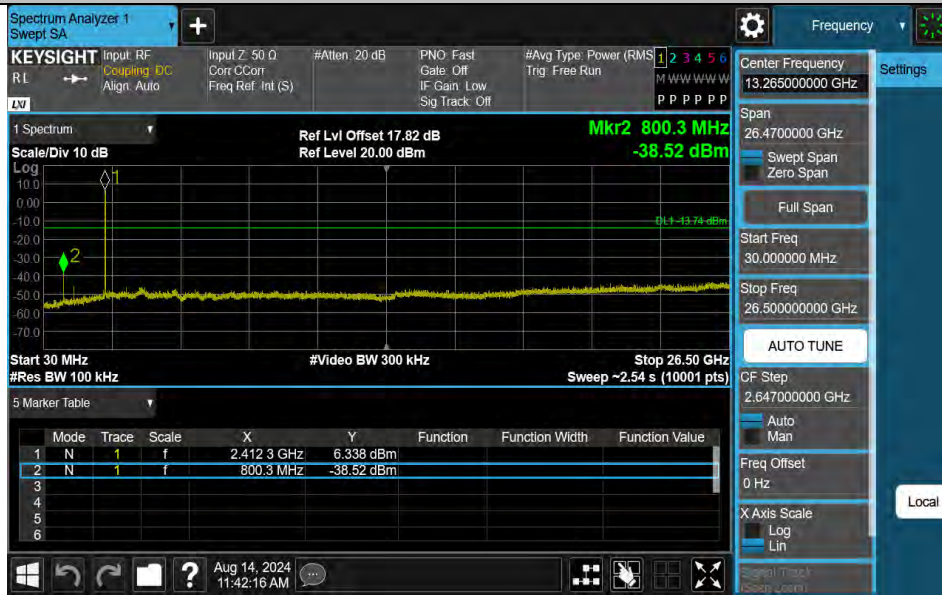


**Appendix G: Conducted Spurious Emission  
Test Result**

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	6.26	-38.52	≤-13.74	PASS
11B	Ant2	2412	30~26500	5.84	-42.68	≤-14.16	PASS
11B	Ant1	2437	30~26500	6.75	-39.26	≤-13.25	PASS
11B	Ant2	2437	30~26500	6.50	-42.61	≤-13.5	PASS
11B	Ant1	2462	30~26500	6.73	-42.38	≤-13.27	PASS
11B	Ant2	2462	30~26500	6.62	-43.19	≤-13.38	PASS
11G	Ant1	2412	30~26500	5.21	-40.67	≤-14.79	PASS
11G	Ant2	2412	30~26500	4.75	-42.62	≤-15.25	PASS
11G	Ant1	2437	30~26500	4.64	-43.34	≤-15.36	PASS
11G	Ant2	2437	30~26500	4.32	-42.32	≤-15.68	PASS
11G	Ant1	2462	30~26500	3.06	-42.5	≤-16.94	PASS
11G	Ant2	2462	30~26500	4.56	-42.43	≤-15.44	PASS
11N20MIMO	Ant1	2412	30~26500	-0.68	-43.24	≤-20.68	PASS
11N20MIMO	Ant2	2412	30~26500	-1.51	-42.63	≤-21.51	PASS
11N20MIMO	Ant1	2437	30~26500	-0.26	-43.37	≤-20.26	PASS
11N20MIMO	Ant2	2437	30~26500	-1.31	-43.46	≤-21.31	PASS
11N20MIMO	Ant1	2462	30~26500	0.74	-43.06	≤-19.26	PASS
11N20MIMO	Ant2	2462	30~26500	0.14	-43.3	≤-19.86	PASS
11N40MIMO	Ant1	2422	30~26500	-2.90	-43.14	≤-22.9	PASS
11N40MIMO	Ant2	2422	30~26500	-2.65	-43.5	≤-22.65	PASS
11N40MIMO	Ant1	2437	30~26500	-2.62	-43.21	≤-22.62	PASS
11N40MIMO	Ant2	2437	30~26500	-2.54	-42.48	≤-22.54	PASS
11N40MIMO	Ant1	2452	30~26500	-1.79	-42.9	≤-21.79	PASS
11N40MIMO	Ant2	2452	30~26500	-3.02	-42.61	≤-23.02	PASS

### Test Graphs

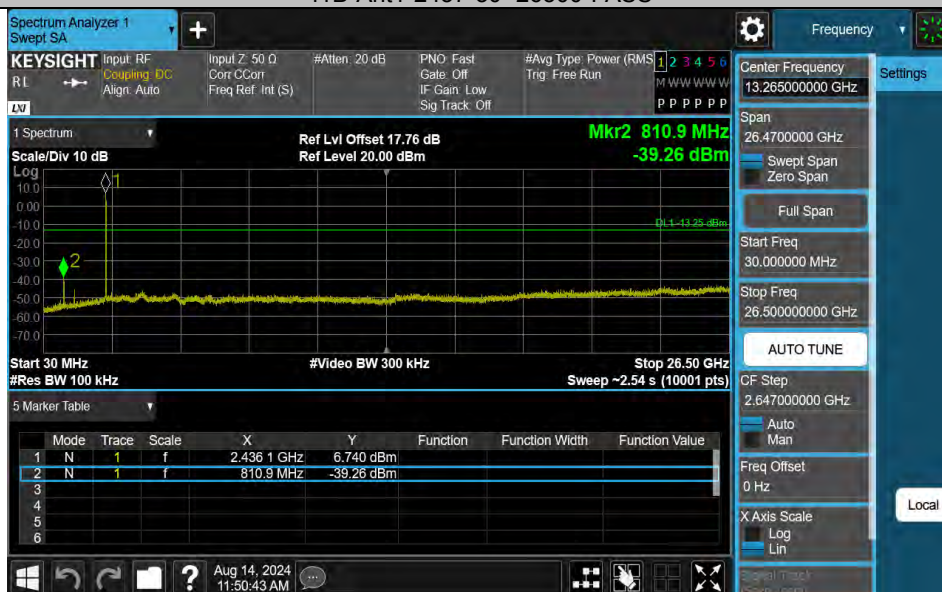
11B-Ant1-2412-30~26500-PASS

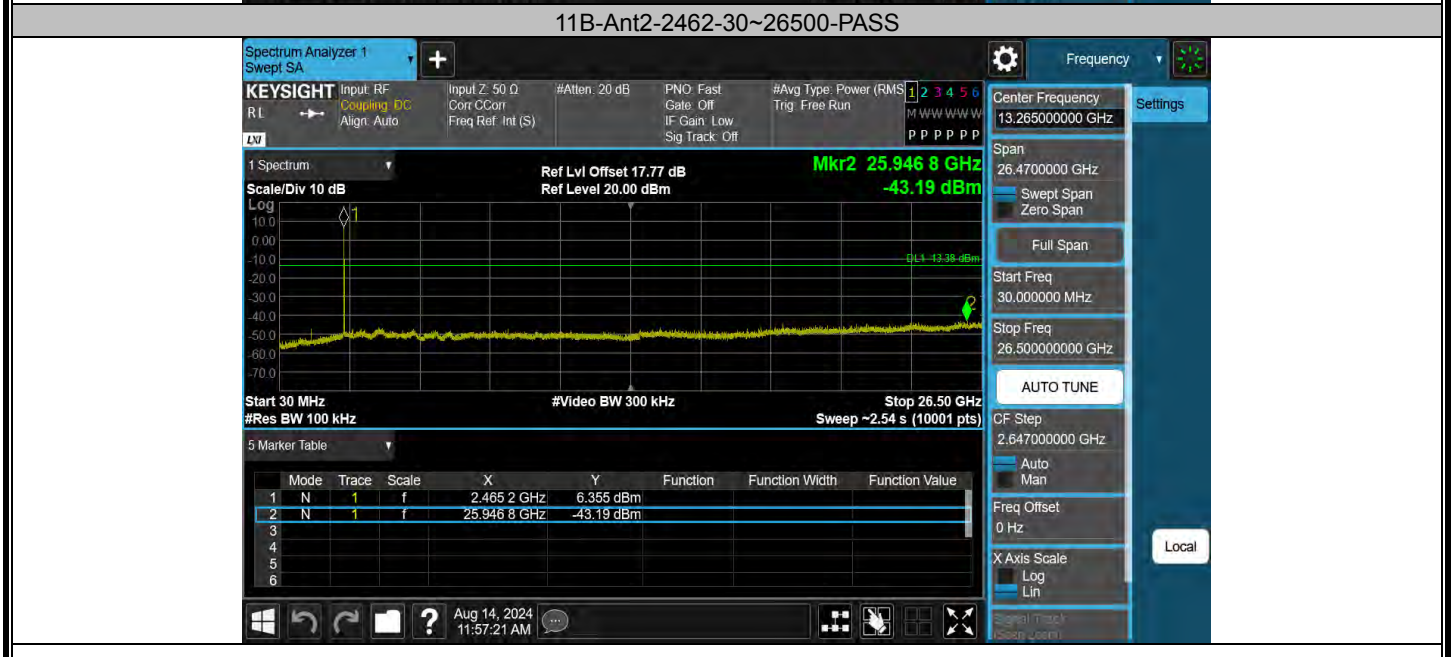
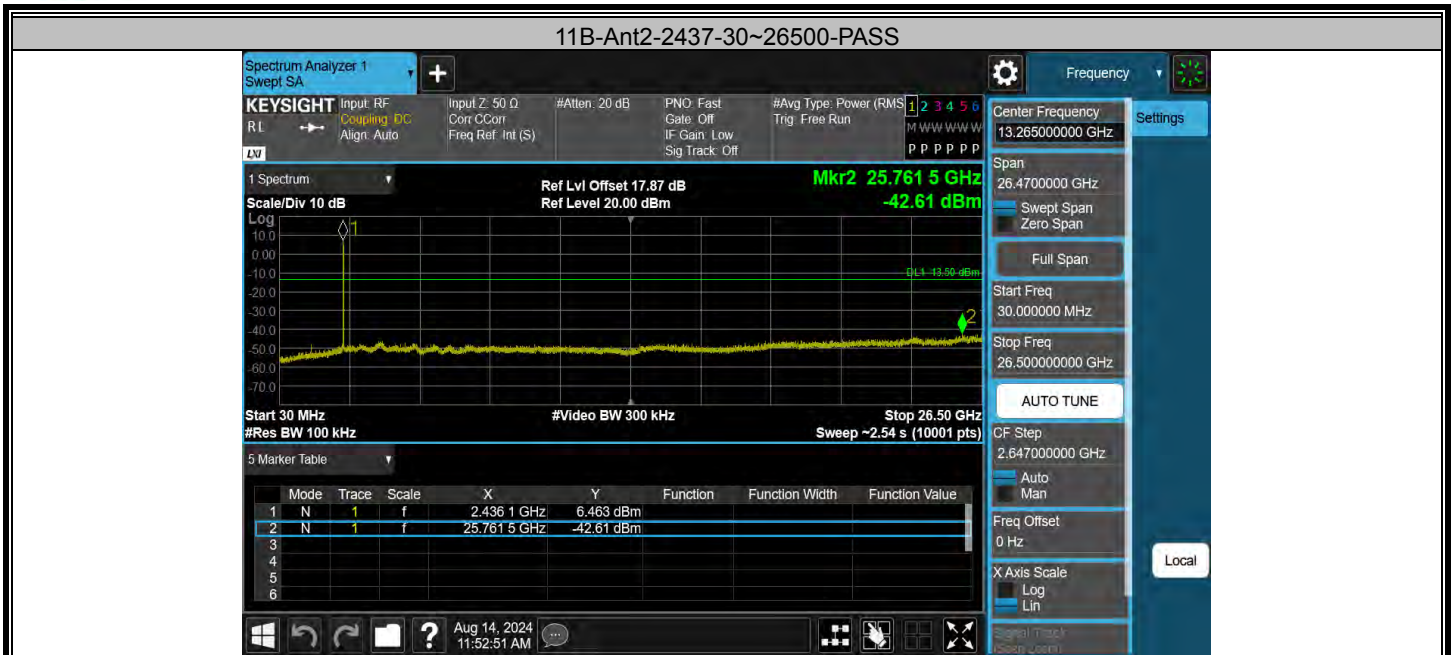


11B-Ant2-2412-30~26500-PASS

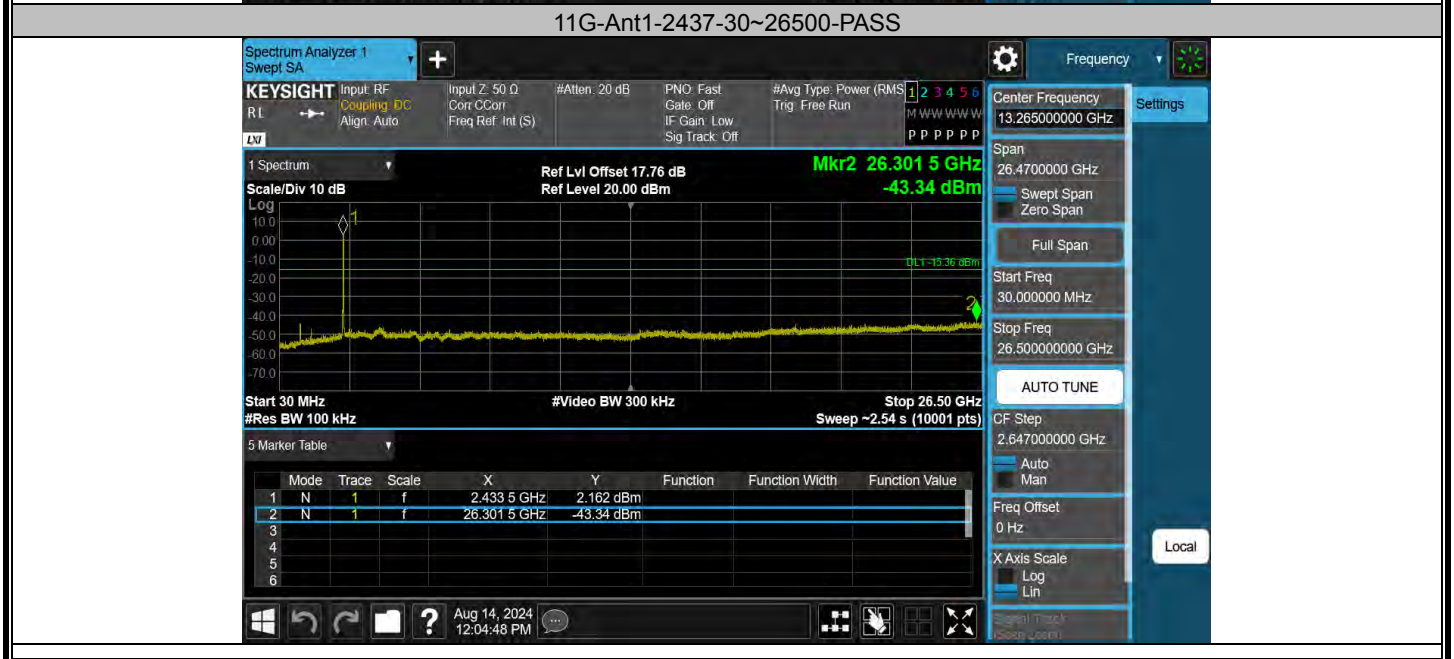
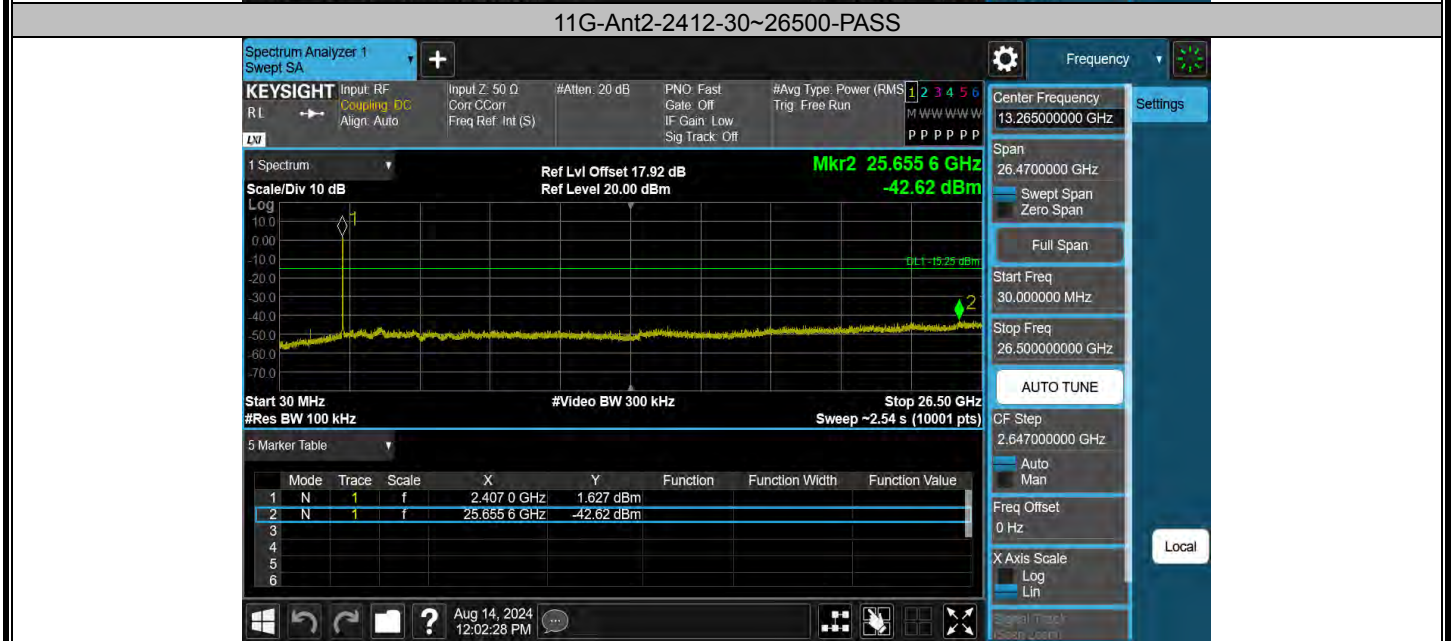
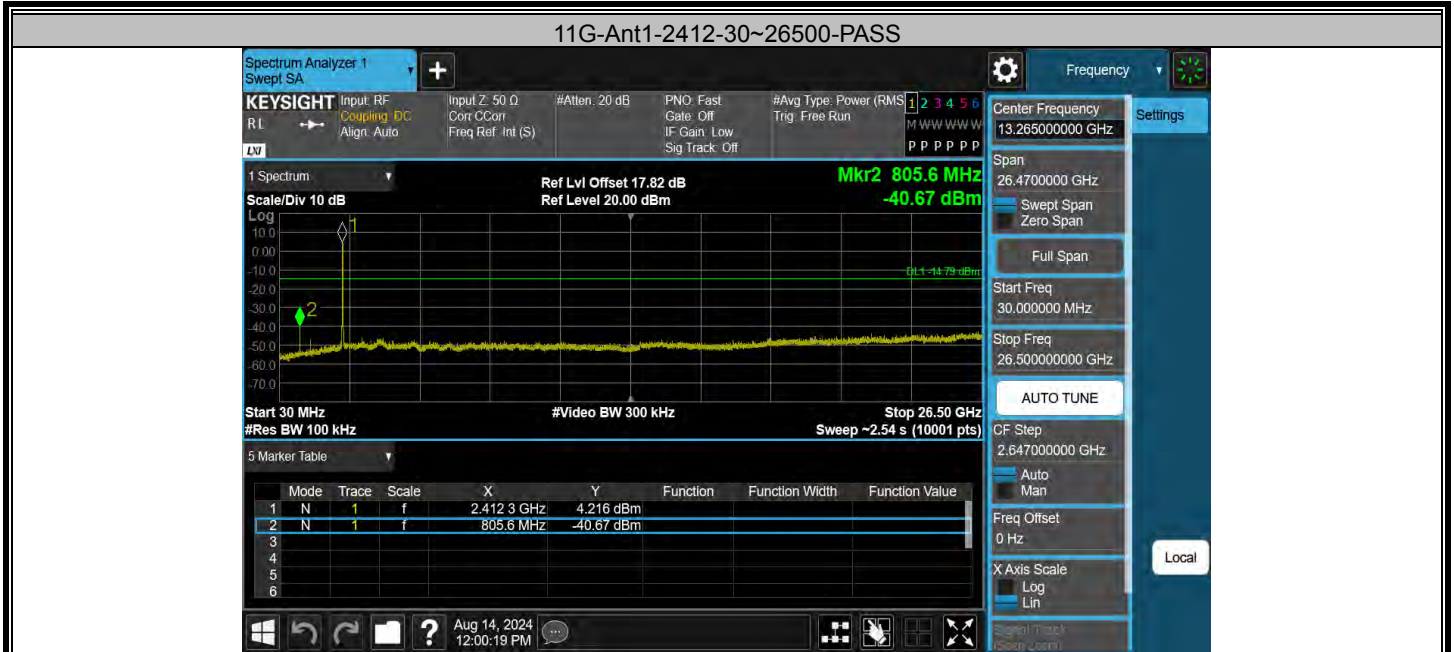


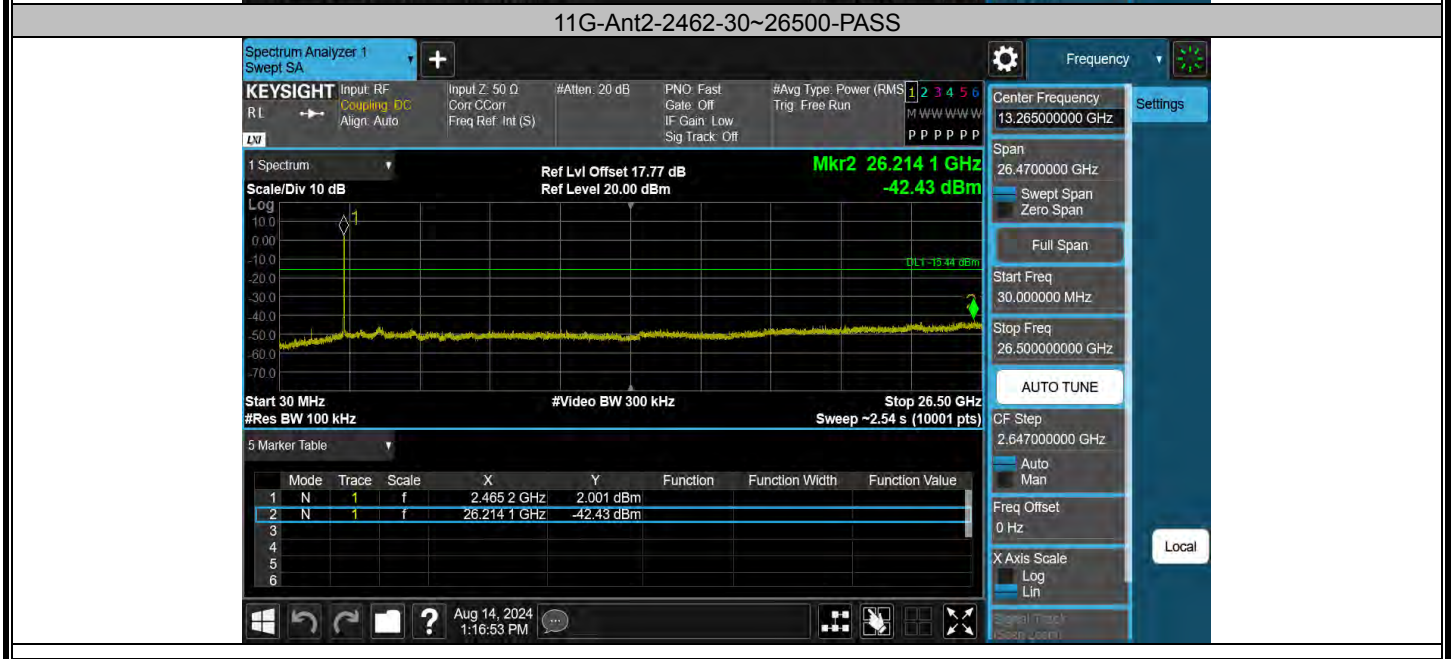
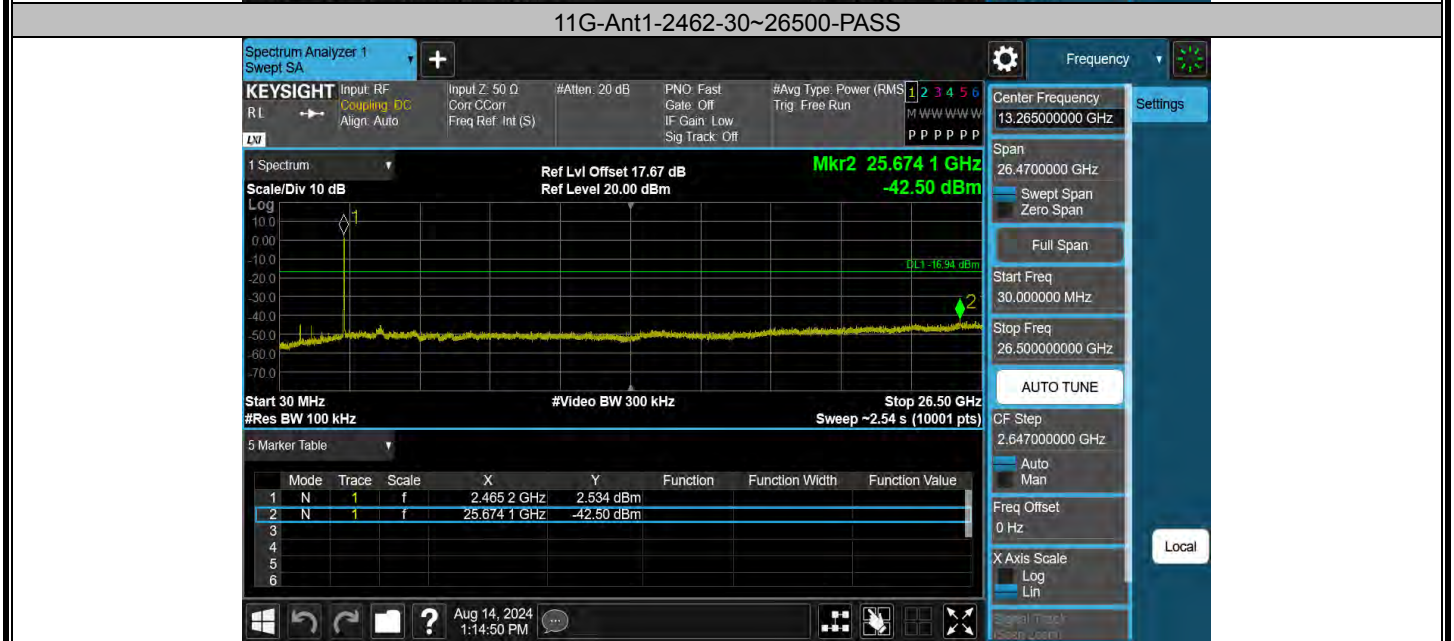
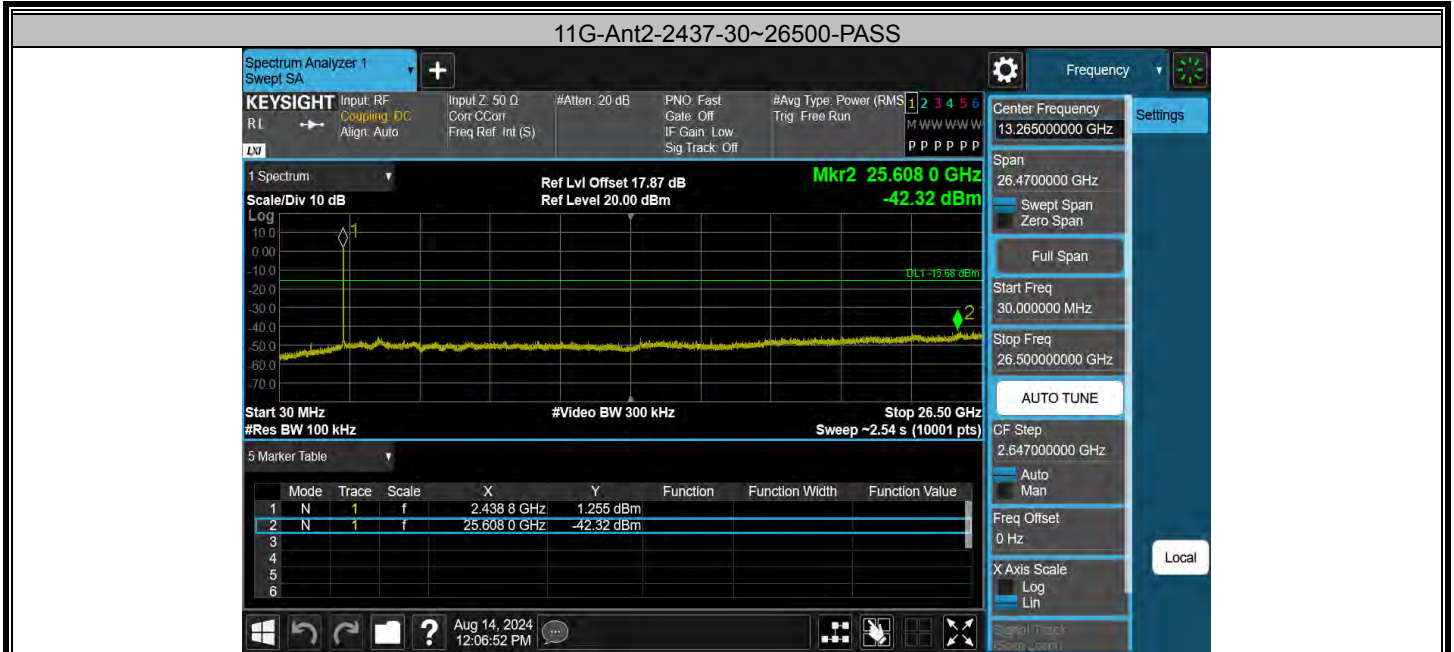
11B-Ant1-2437-30~26500-PASS

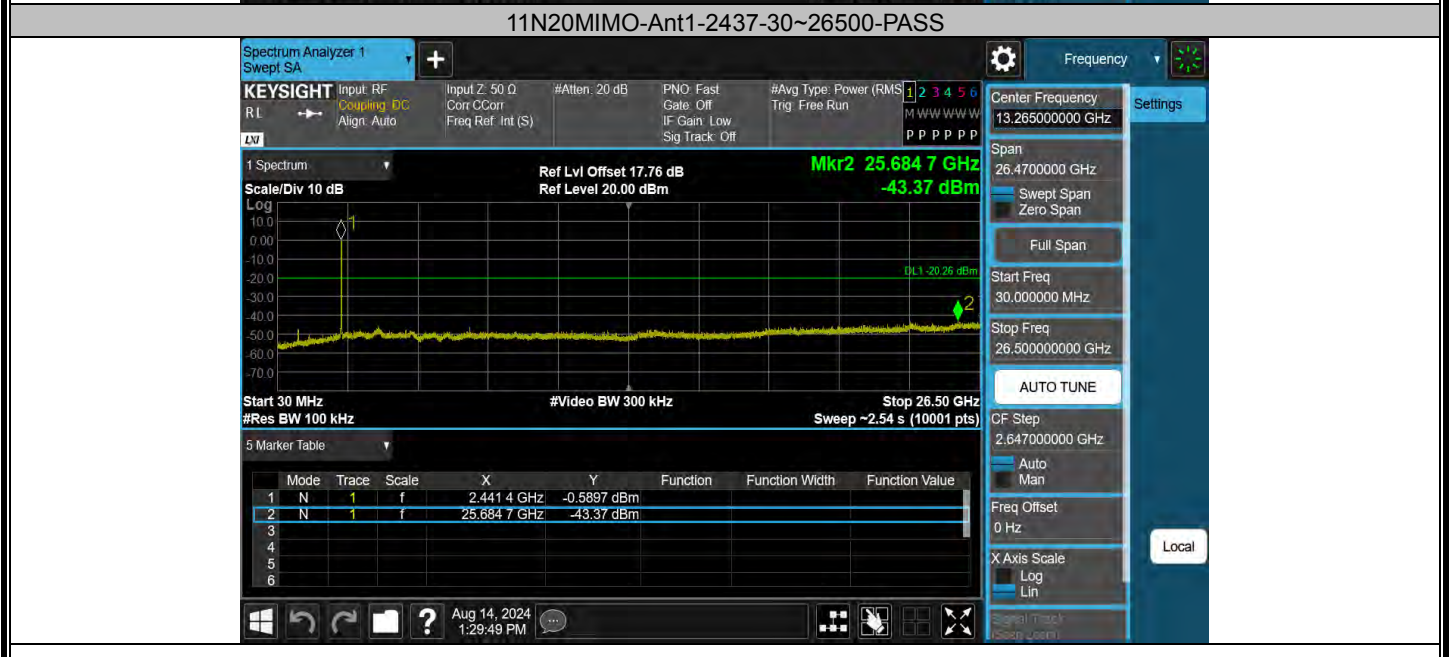
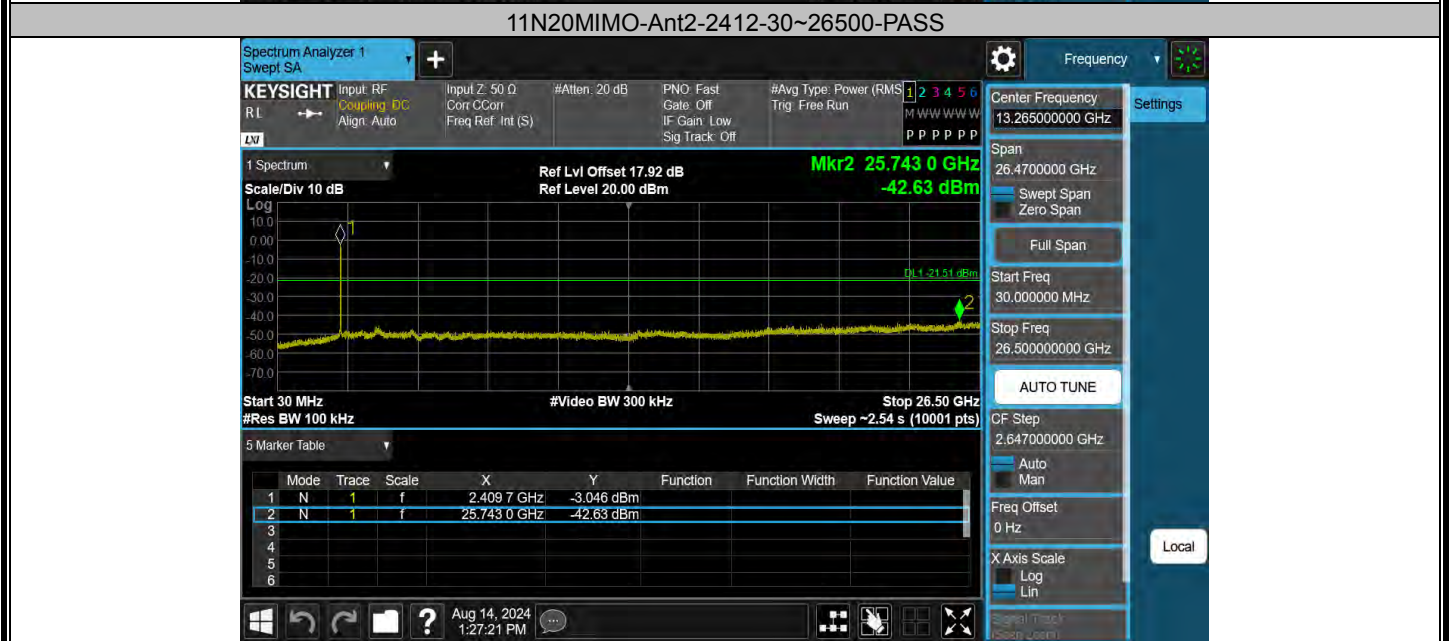
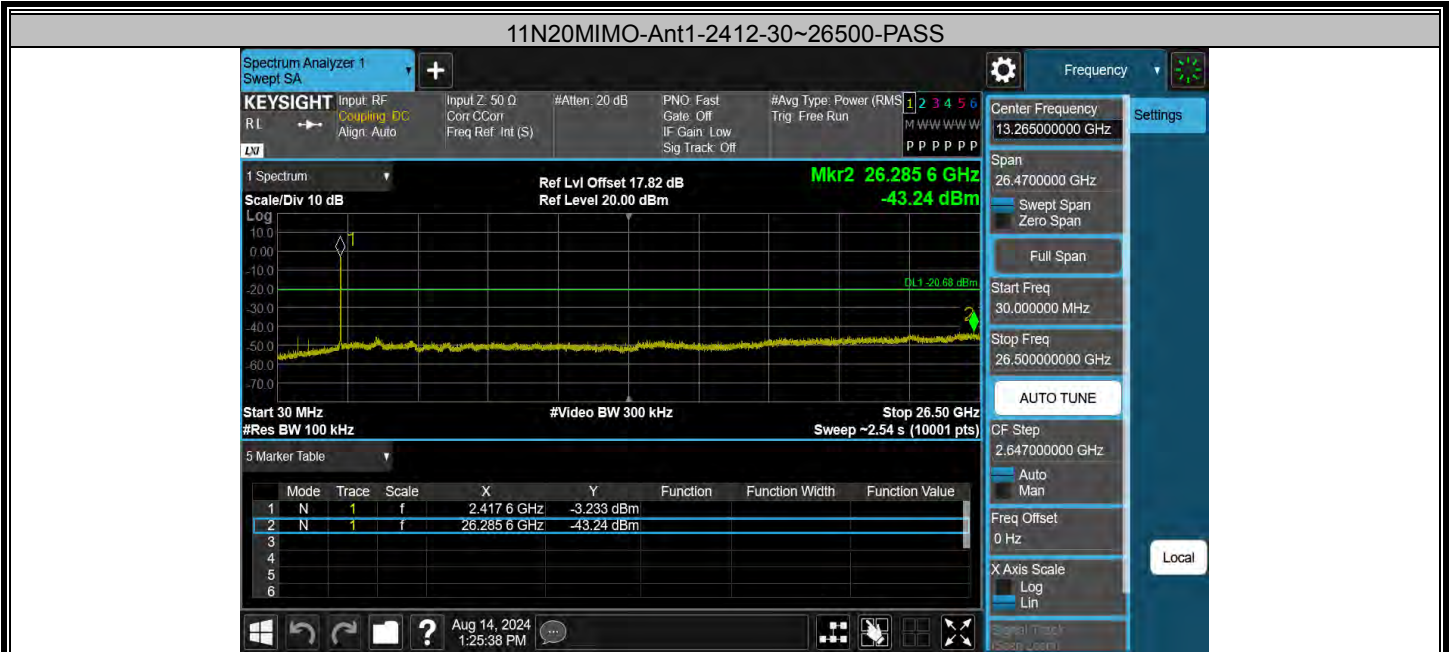


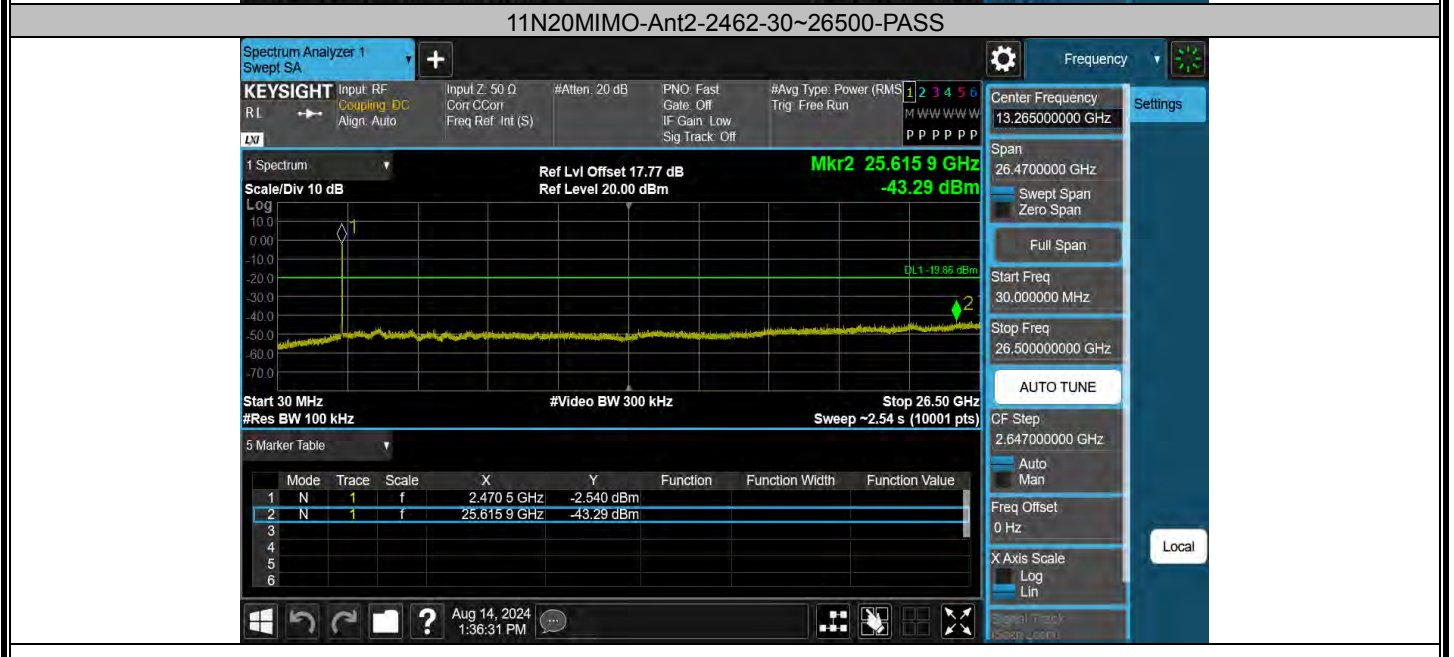
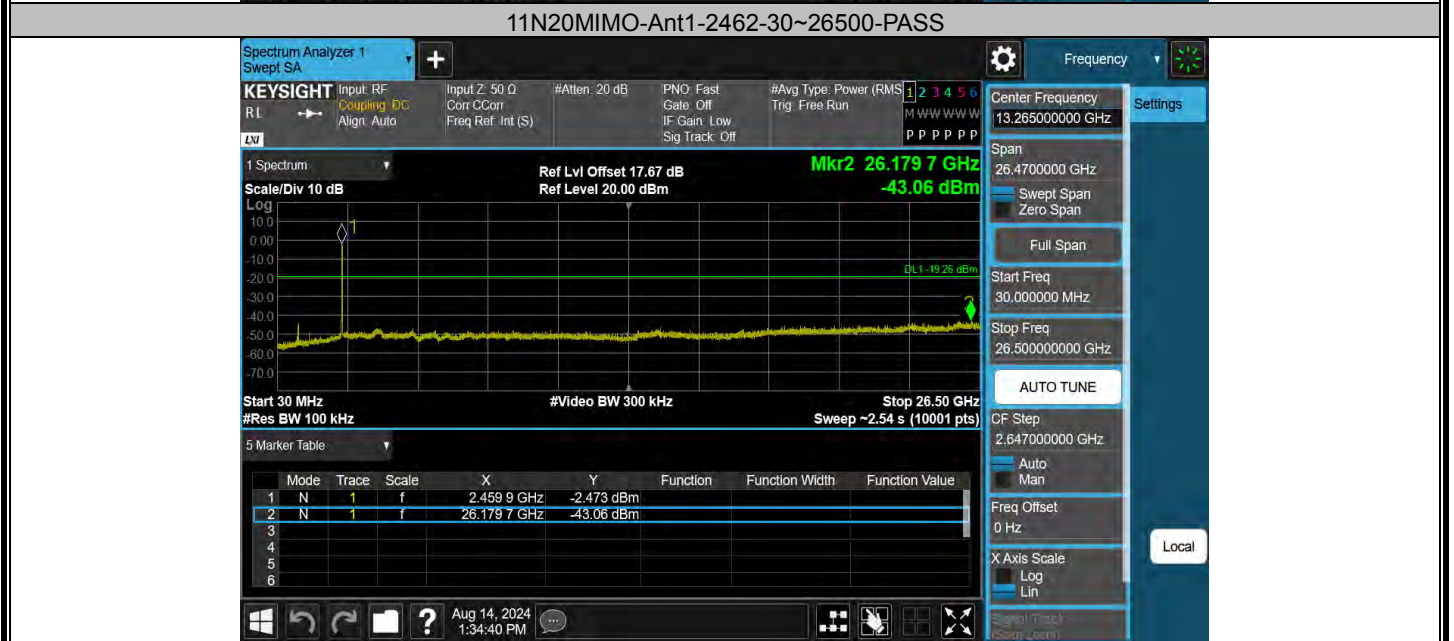
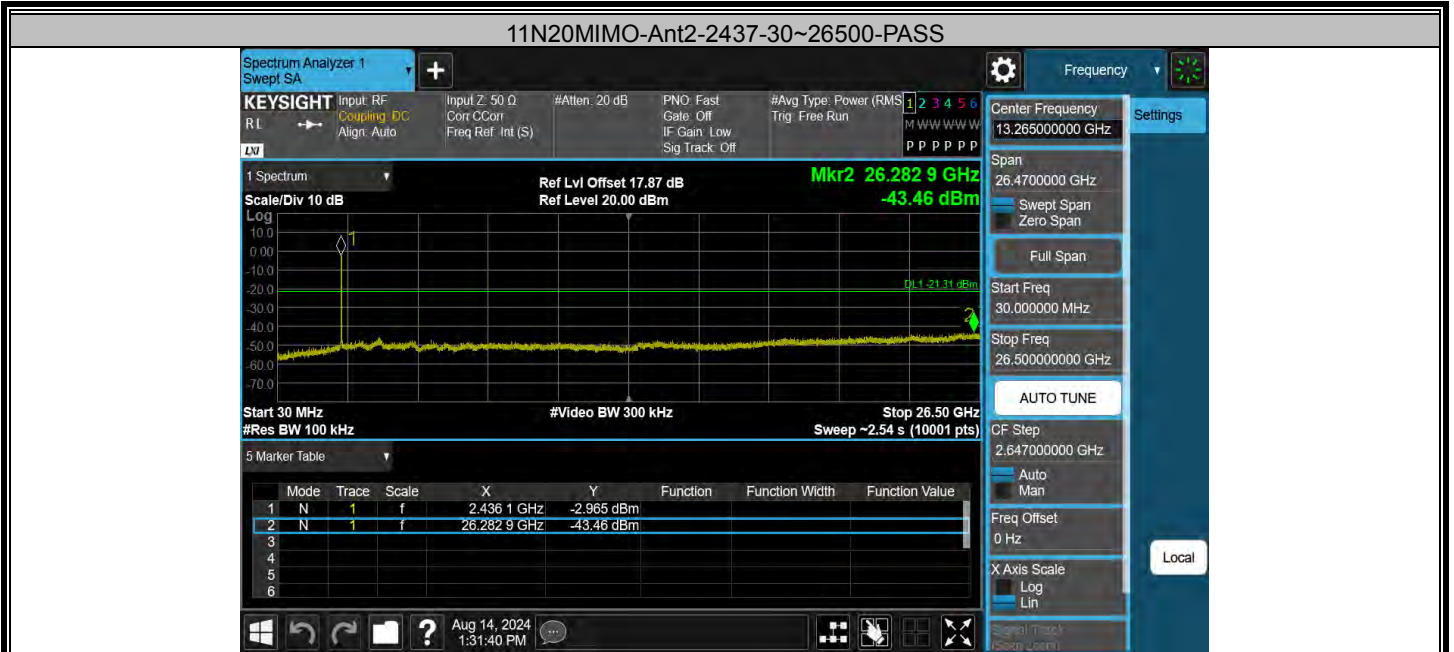


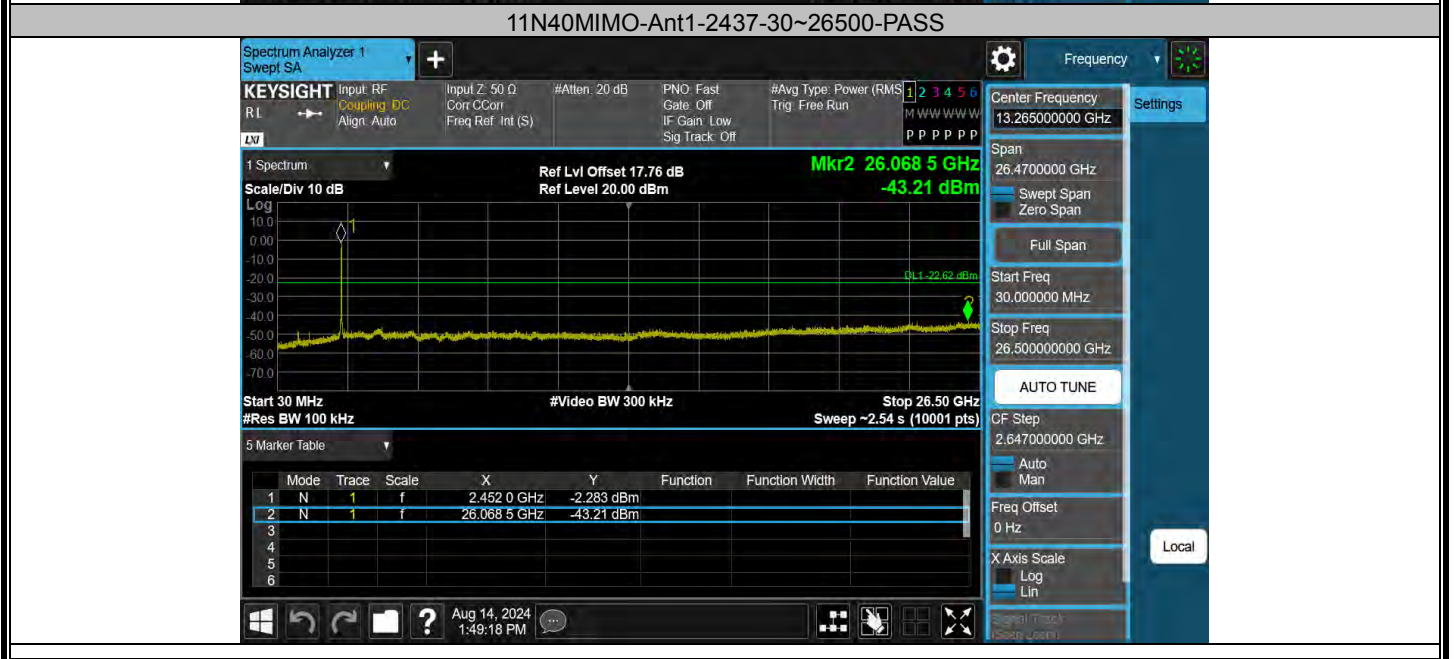
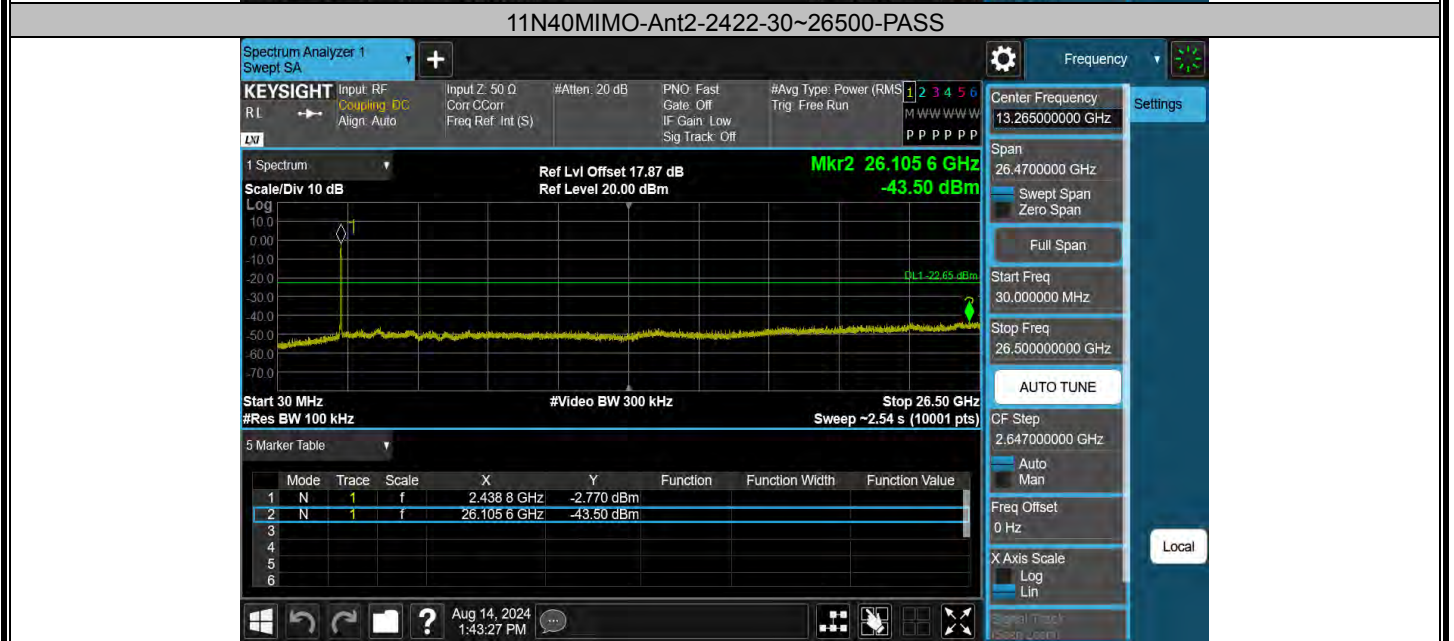
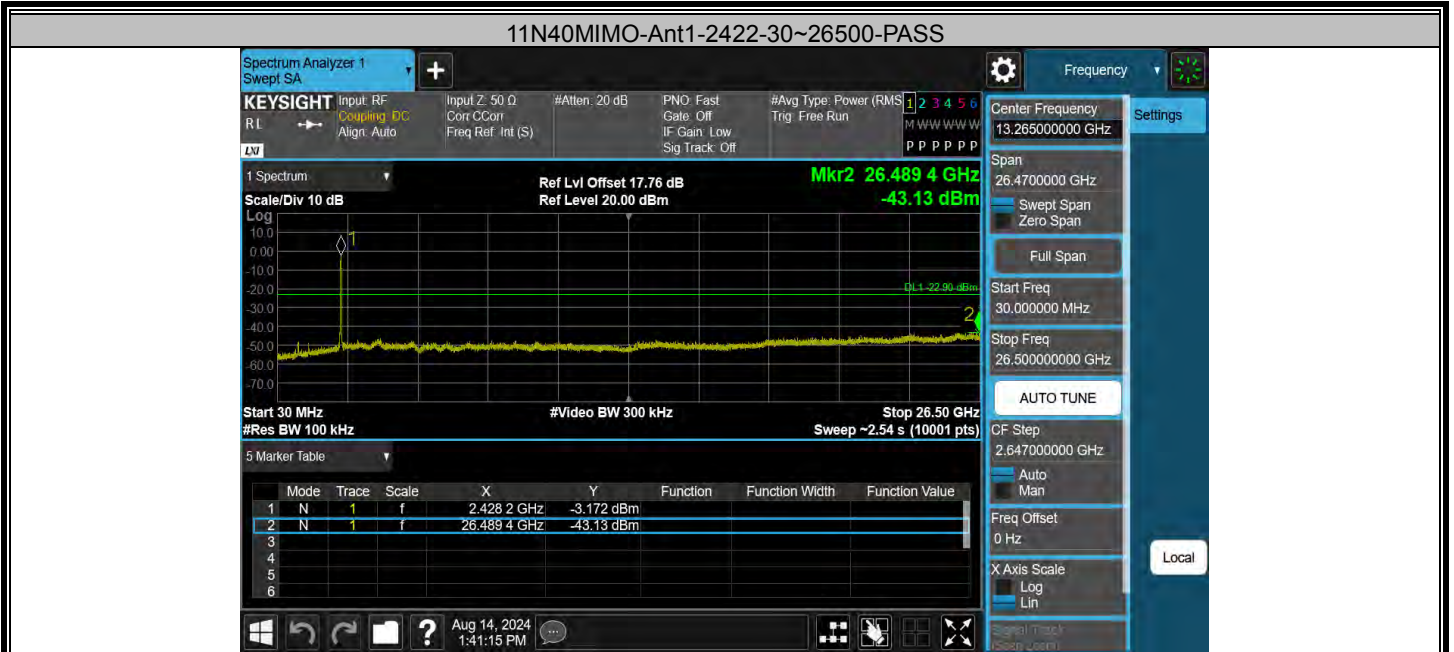


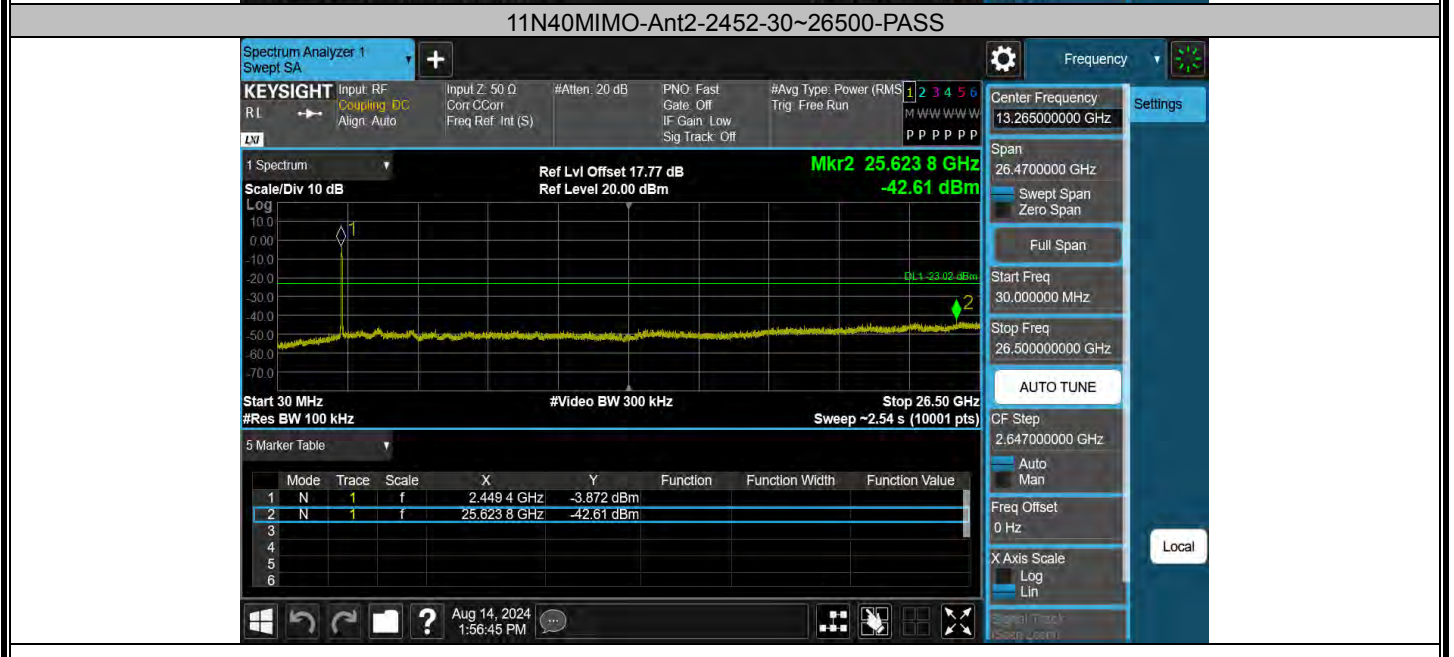
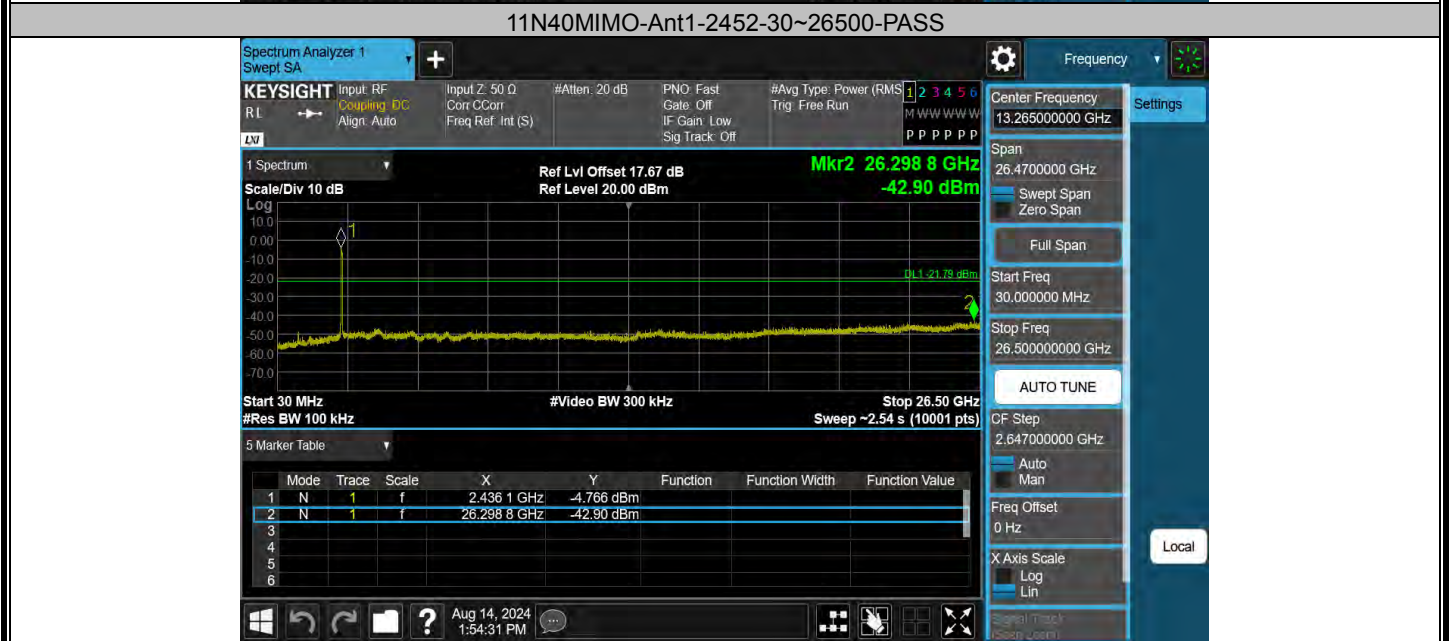
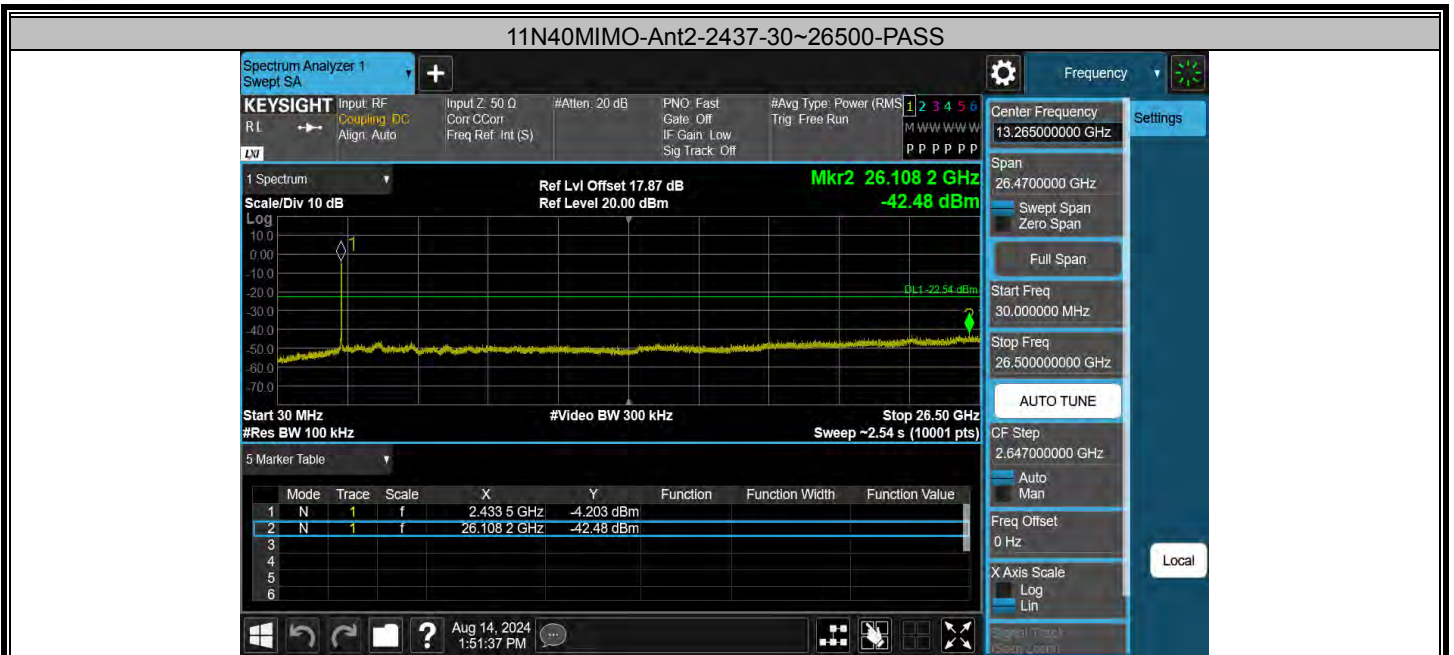










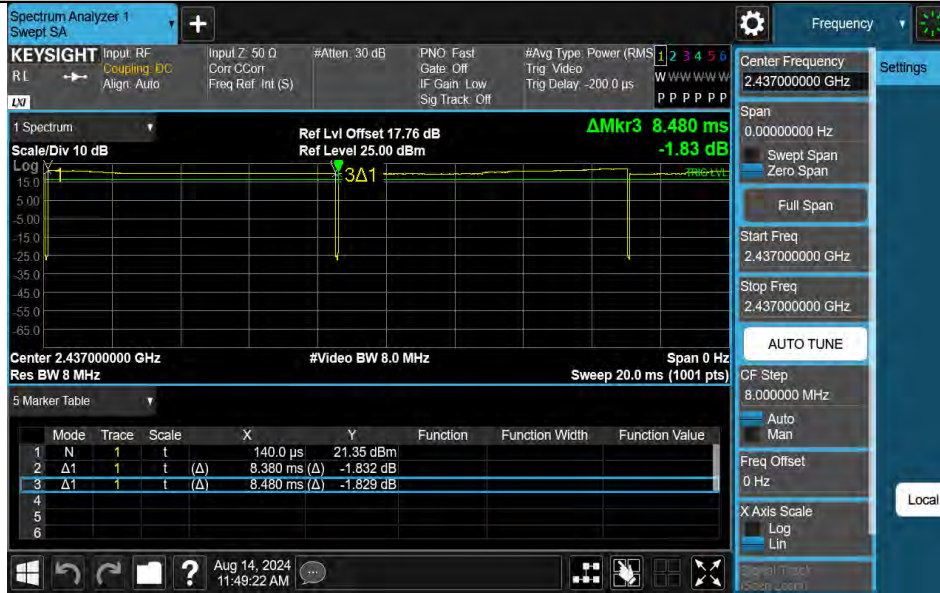


## Appendix H: Duty Cycle Test Result

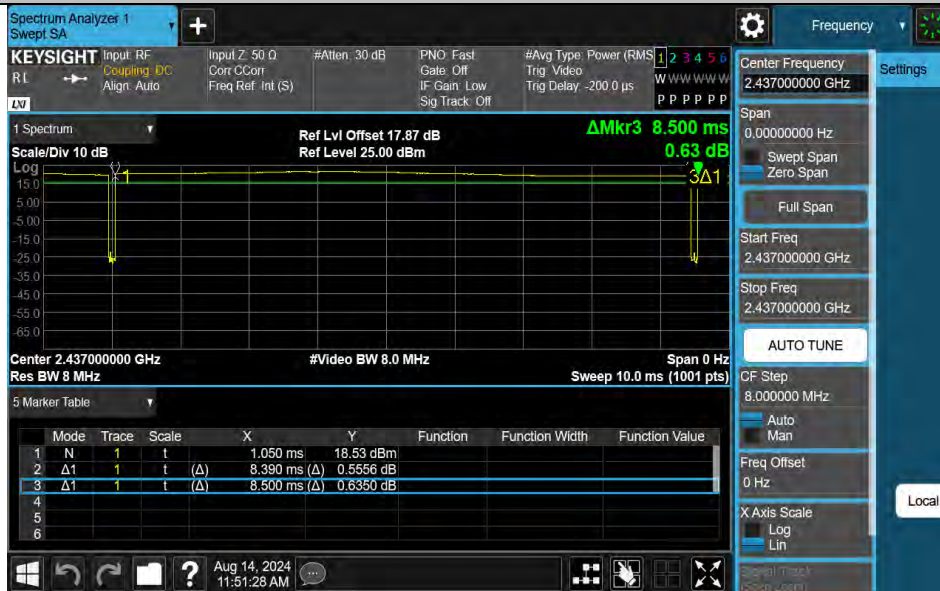
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	8.38	8.48	98.82
11B	Ant2	2437	8.39	8.50	98.71
11G	Ant1	2437	3.11	3.21	96.88
11G	Ant2	2437	3.10	3.21	96.57
11N20MIMO	Ant1	2437	4.77	4.87	97.95
11N20MIMO	Ant2	2437	4.77	4.87	97.95
11N40MIMO	Ant1	2437	2.32	2.42	95.87
11N40MIMO	Ant2	2437	2.32	2.42	95.87

### Test Graphs

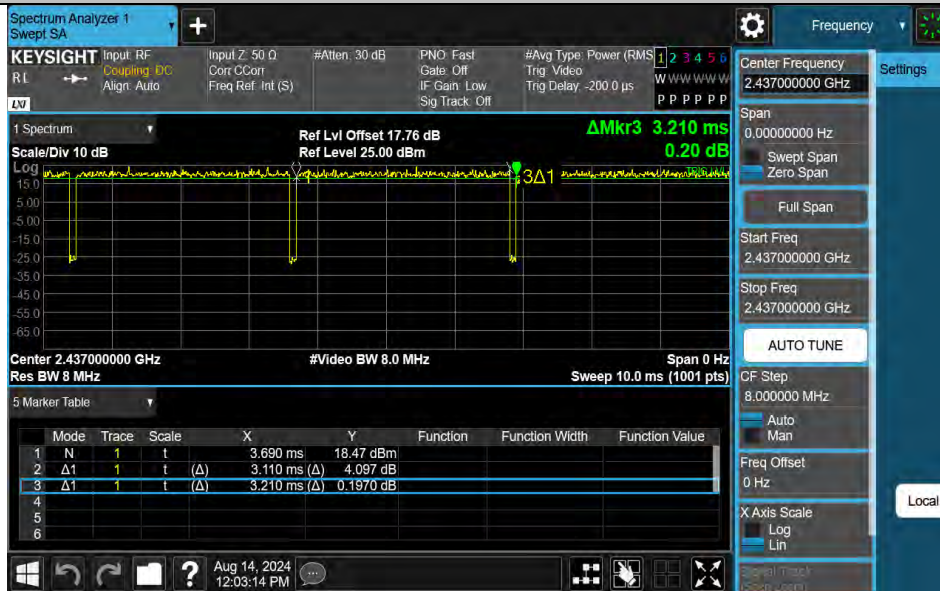
NTNV-11B-Ant1-2437



NTNV-11B-Ant2-2437

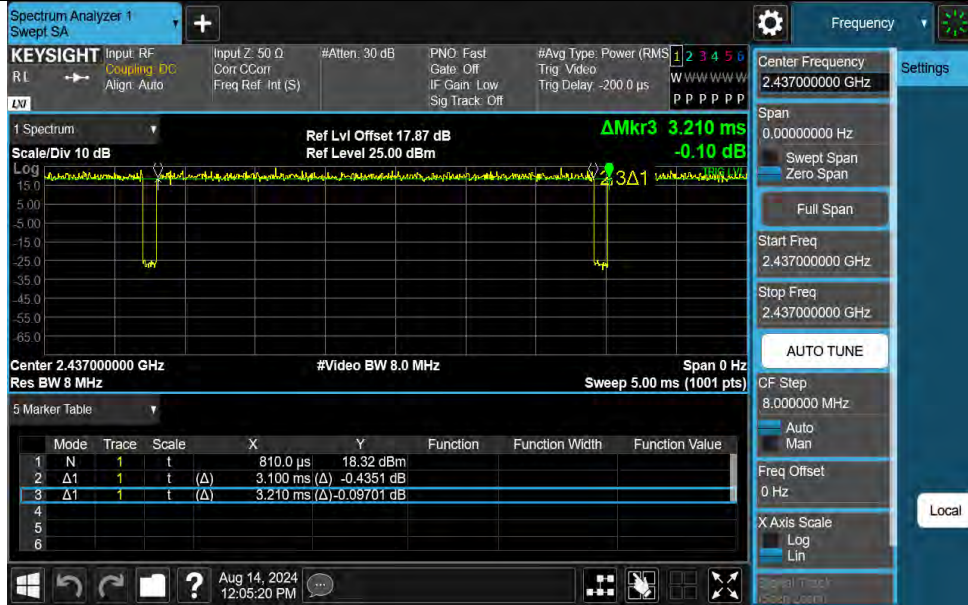


NTNV-11G-Ant1-2437

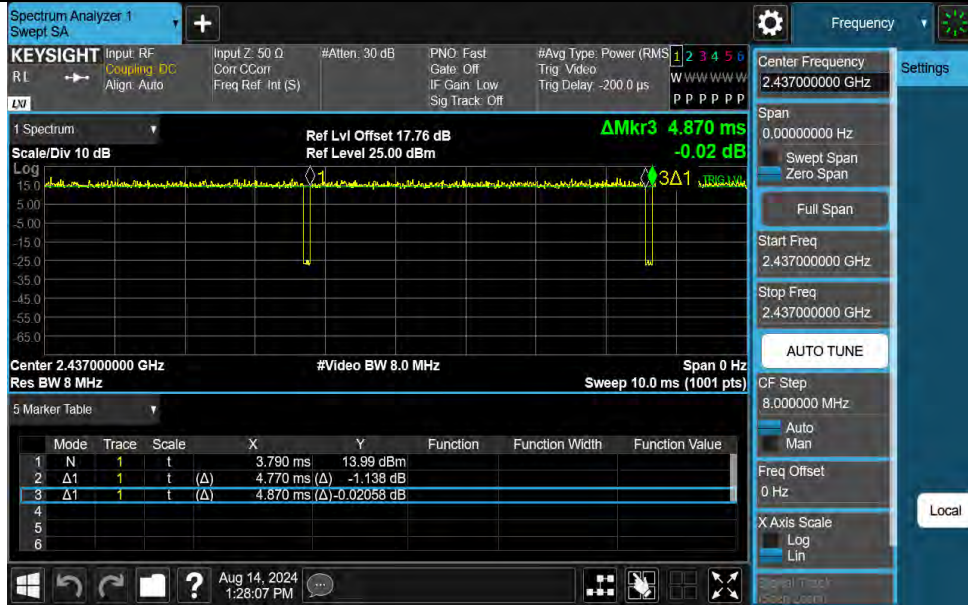




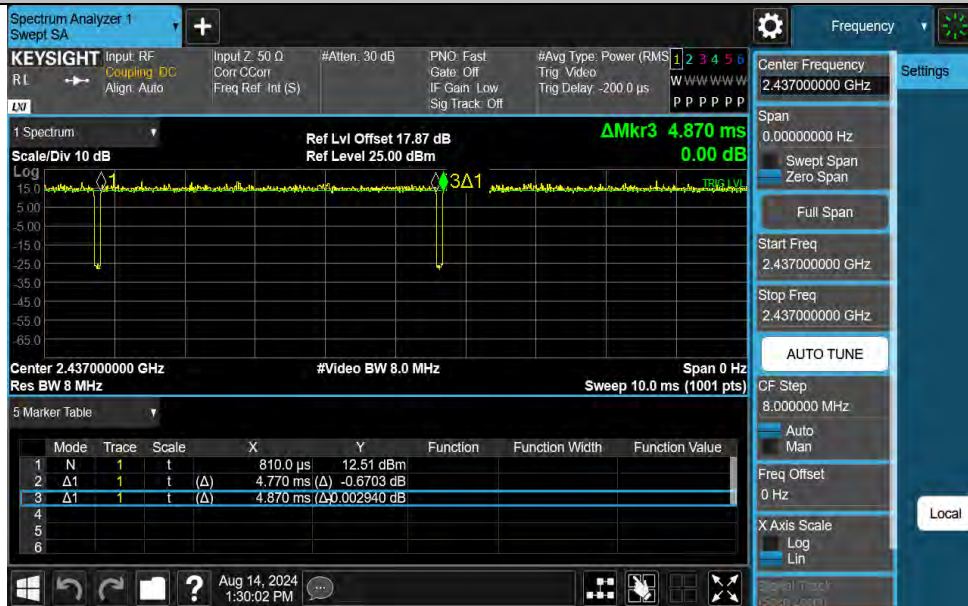
### NTNV-11G-Ant2-2437

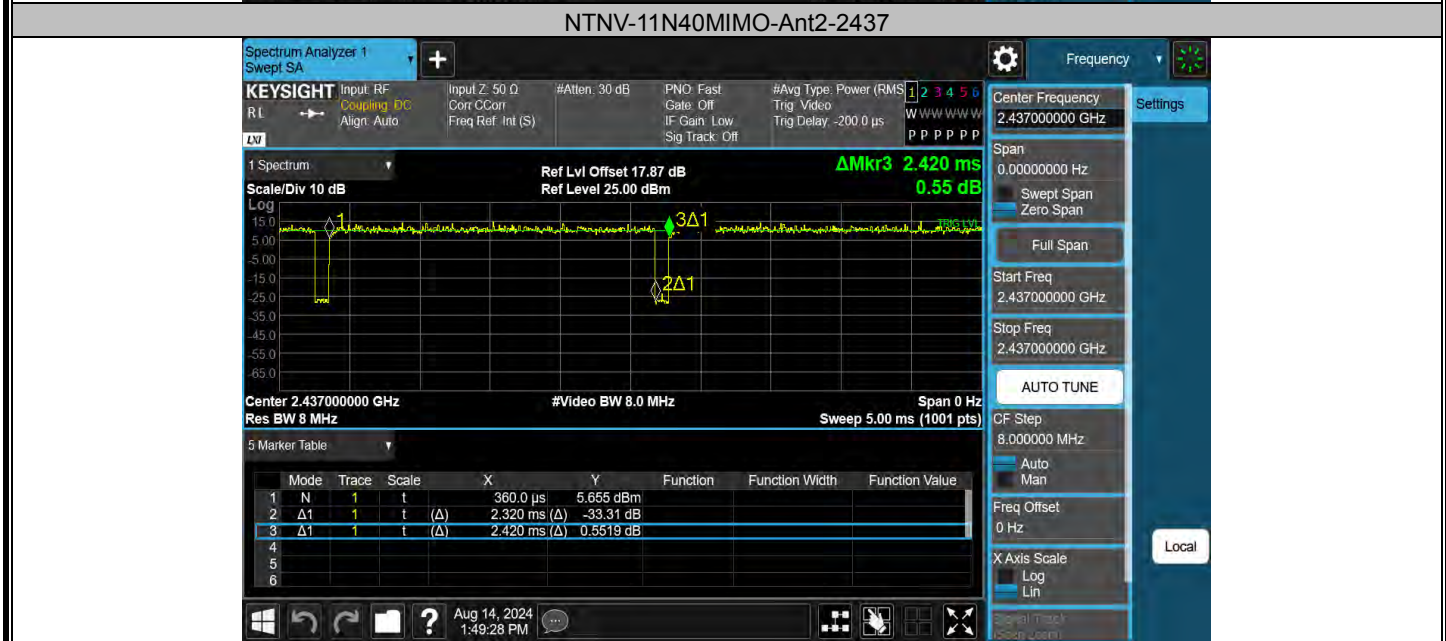
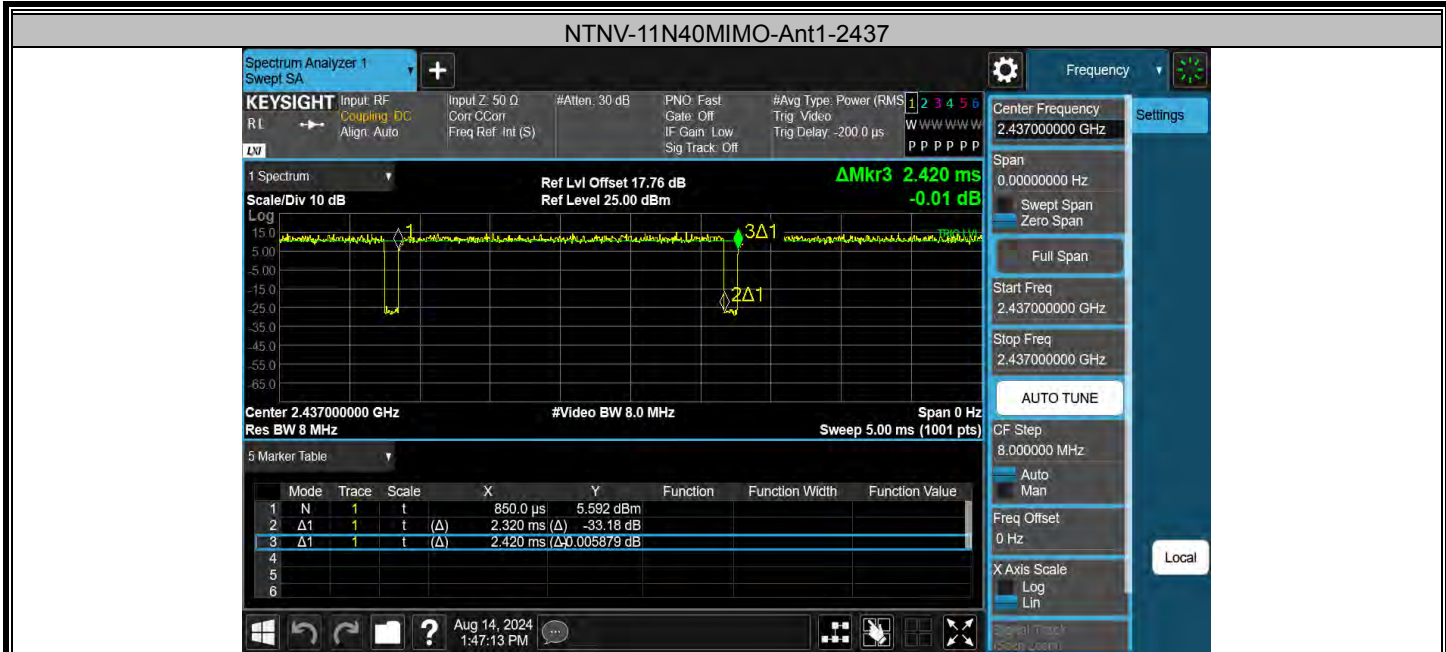


### NTNV-11N20MIMO-Ant1-2437



### NTNV-11N20MIMO-Ant2-2437



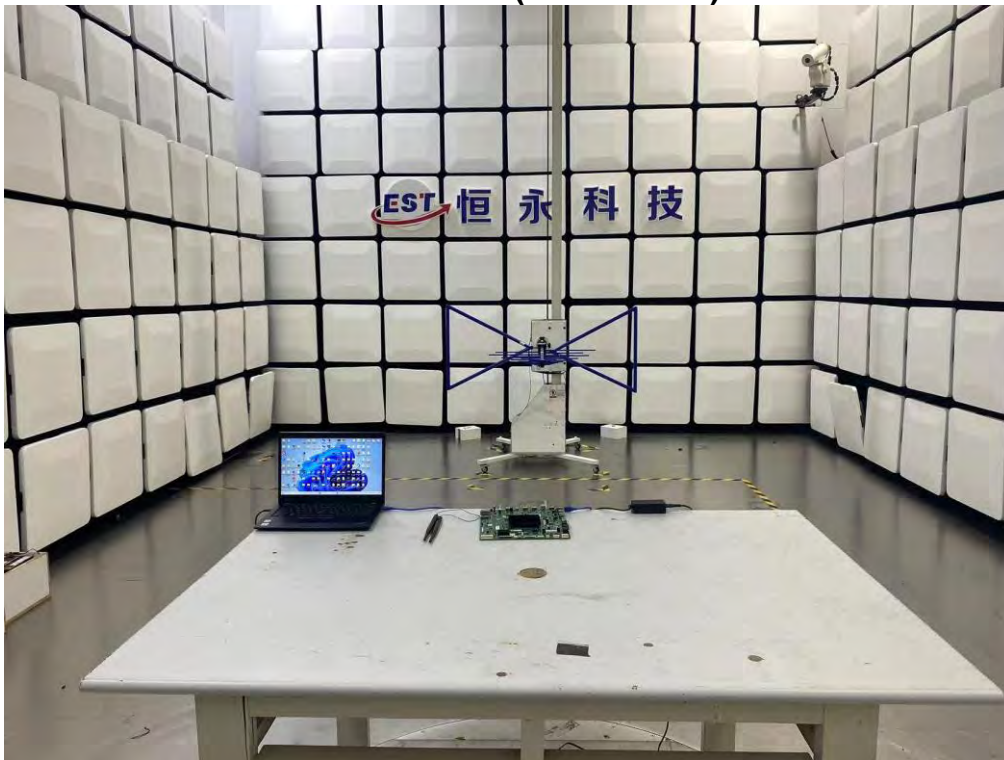


## 12. TEST SETUP PHOTO

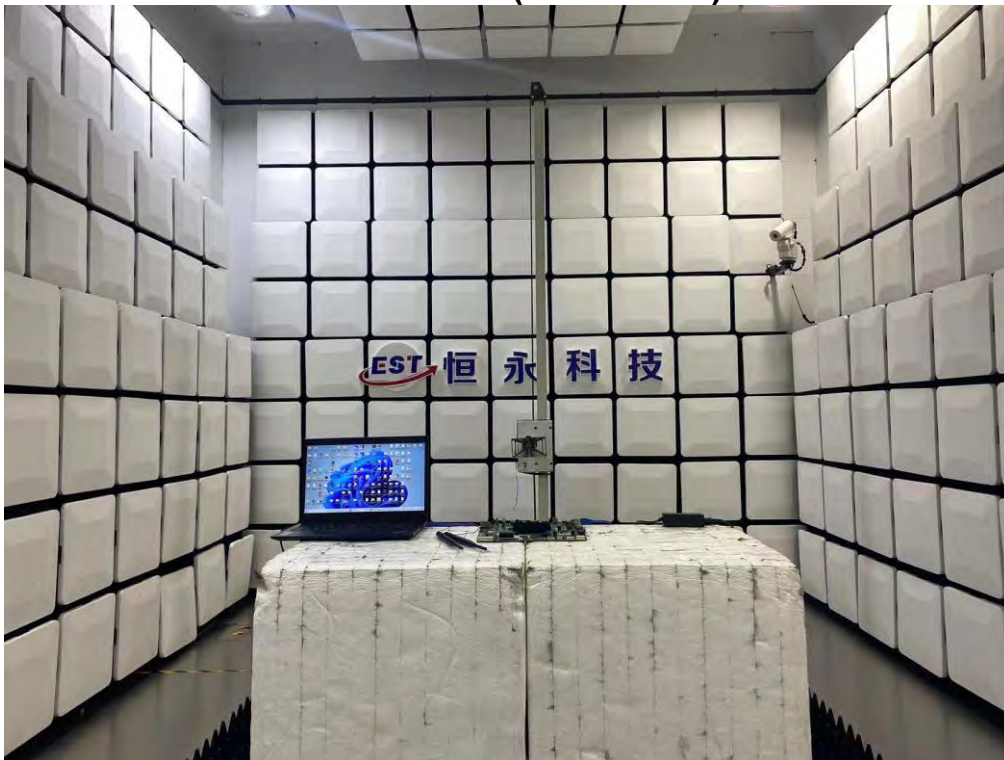
### Conducted Test



### Radiated Test (Below 1GHz)



### Radiated Test (Above 1GHz)



### 13. EUT PHOTO

**External Photos**  
M/N: RK3588.3\_004



