

## RF Test Data for WLAN(2.4G) (Conducted Measurement)

Product Name: Set Top Box

Trade Mark: N/A

Test Model: SN8BKCC

FCC ID: 2AOVU-SN8BKC

### Environmental Conditions

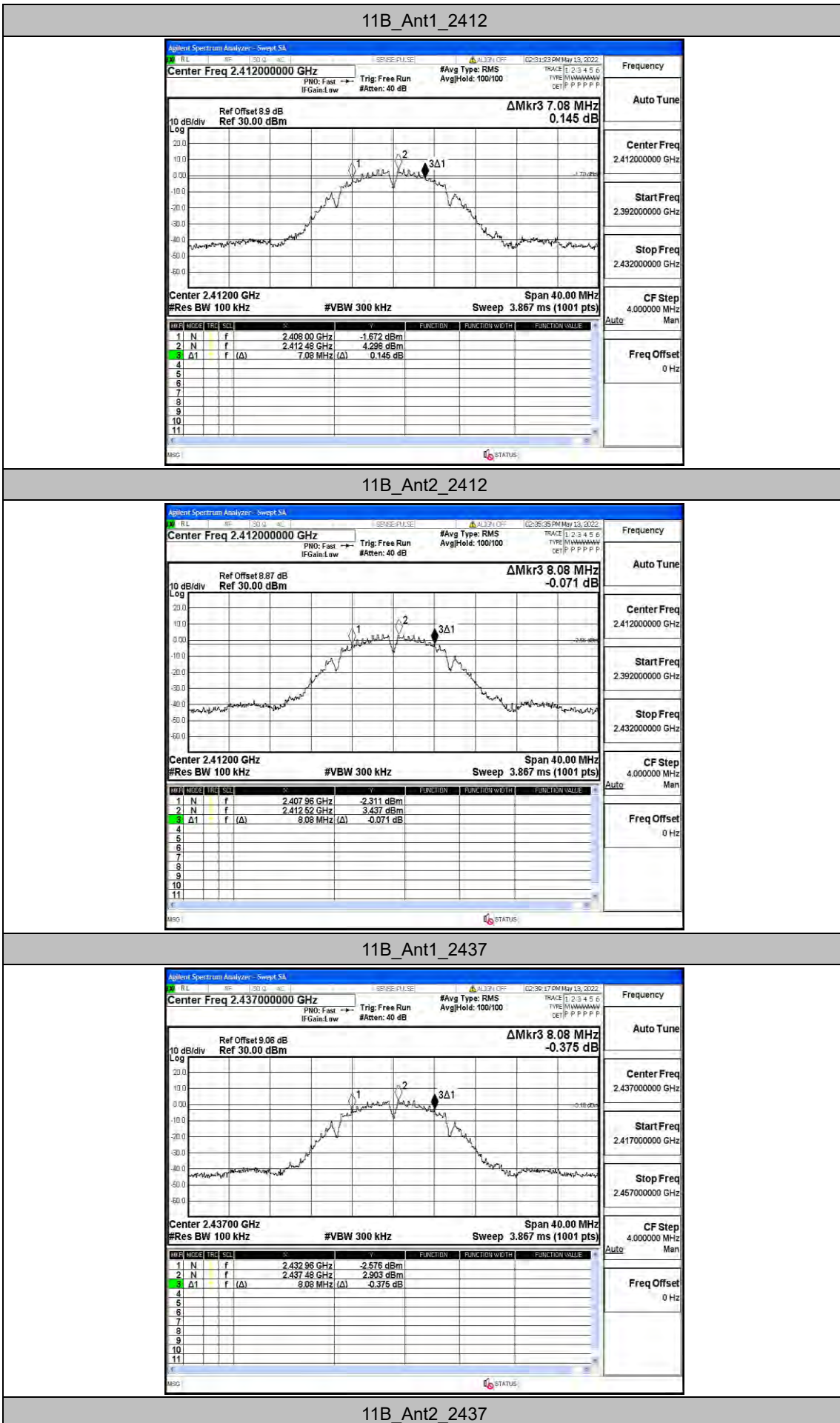
Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

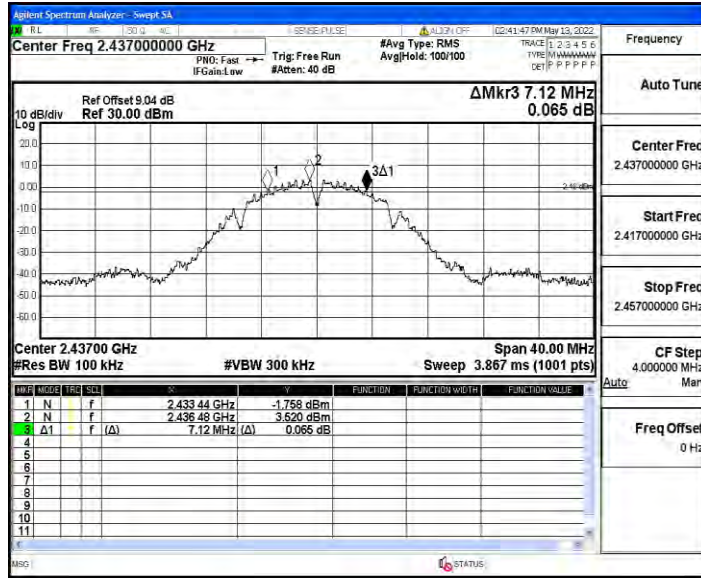
### Appendix A: DTS Bandwidth

#### Test Result

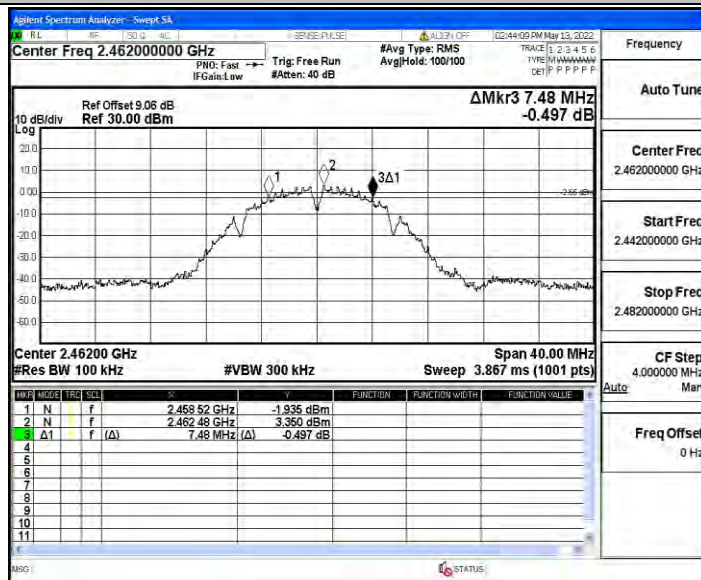
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.080	2408.000	2415.080	0.5	PASS
	Ant2	2412	8.080	2407.960	2416.040	0.5	PASS
	Ant1	2437	8.080	2432.960	2441.040	0.5	PASS
	Ant2	2437	7.120	2433.440	2440.560	0.5	PASS
	Ant1	2462	7.480	2458.520	2466.000	0.5	PASS
	Ant2	2462	7.040	2458.480	2465.520	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
	Ant2	2412	16.280	2403.880	2420.160	0.5	PASS
	Ant1	2437	16.400	2428.800	2445.200	0.5	PASS
	Ant2	2437	16.360	2428.840	2445.200	0.5	PASS
	Ant1	2462	16.120	2454.080	2470.200	0.5	PASS
	Ant2	2462	16.400	2453.840	2470.240	0.5	PASS
11AX20SISO	Ant1	2412	19.080	2402.480	2421.560	0.5	PASS
	Ant2	2412	19.040	2402.520	2421.560	0.5	PASS
	Ant1	2437	19.040	2427.520	2446.560	0.5	PASS
	Ant2	2437	19.000	2427.520	2446.520	0.5	PASS
	Ant1	2462	19.040	2452.520	2471.560	0.5	PASS
	Ant2	2462	19.040	2452.480	2471.520	0.5	PASS
11N20MIMO	Ant1	2412	17.640	2403.200	2420.840	0.5	PASS
	Ant2	2412	17.720	2403.160	2420.880	0.5	PASS
	Ant1	2437	17.720	2428.160	2445.880	0.5	PASS
	Ant2	2437	17.680	2428.120	2445.800	0.5	PASS
	Ant1	2462	17.680	2453.200	2470.880	0.5	PASS
	Ant2	2462	17.680	2453.160	2470.840	0.5	PASS

Test Graphs

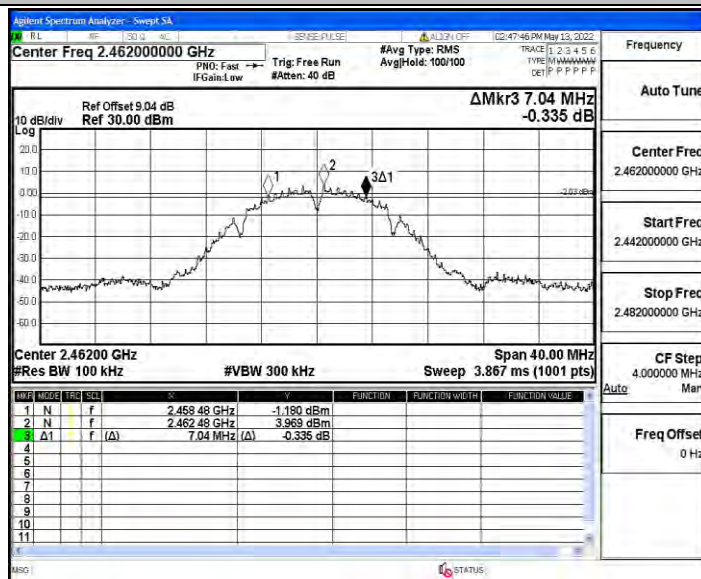




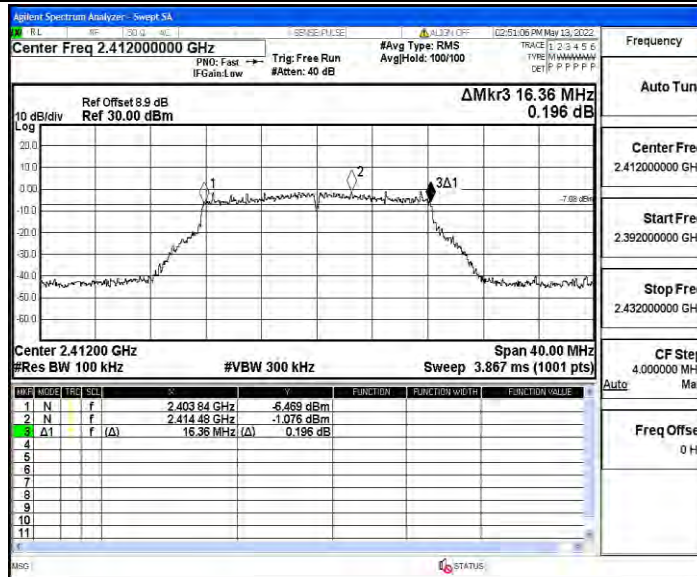
11B\_Ant1\_2462



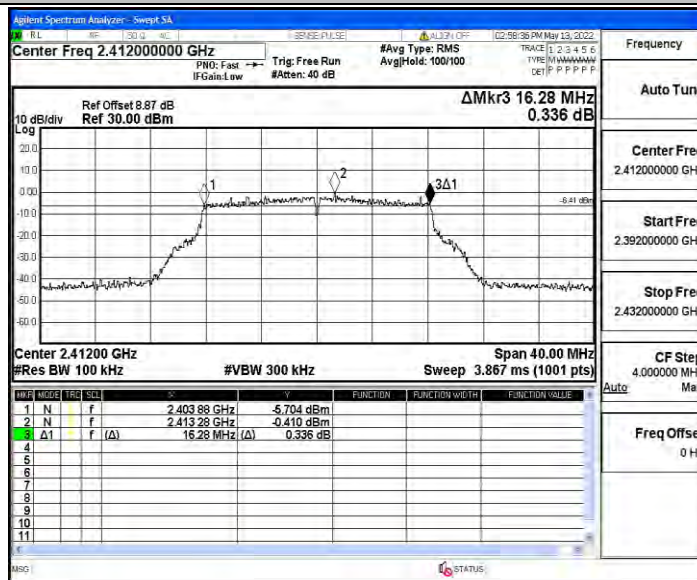
11B\_Ant2\_2462



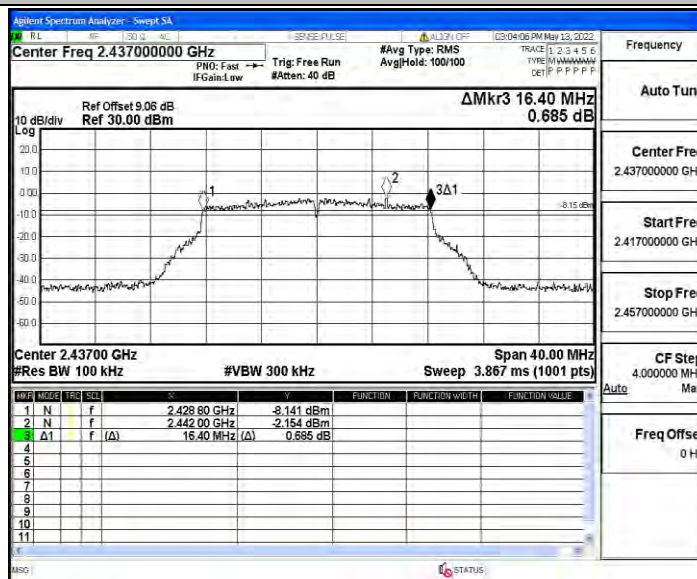
11G\_Ant1\_2412



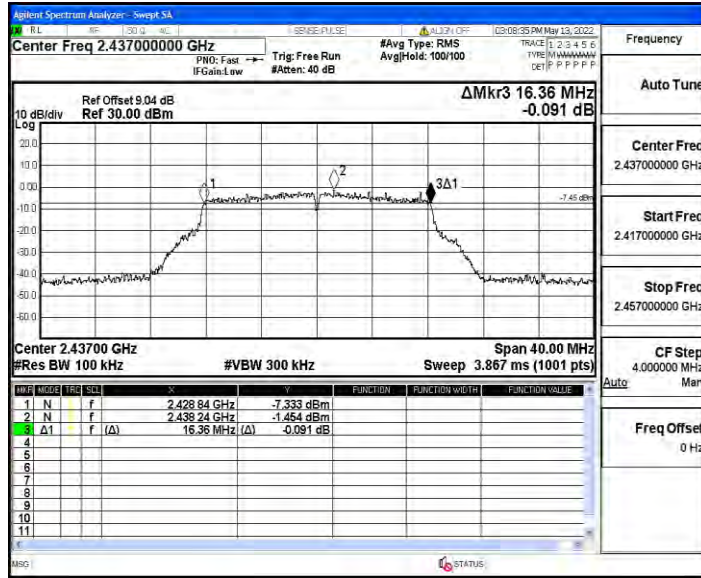
11G\_Ant2\_2412



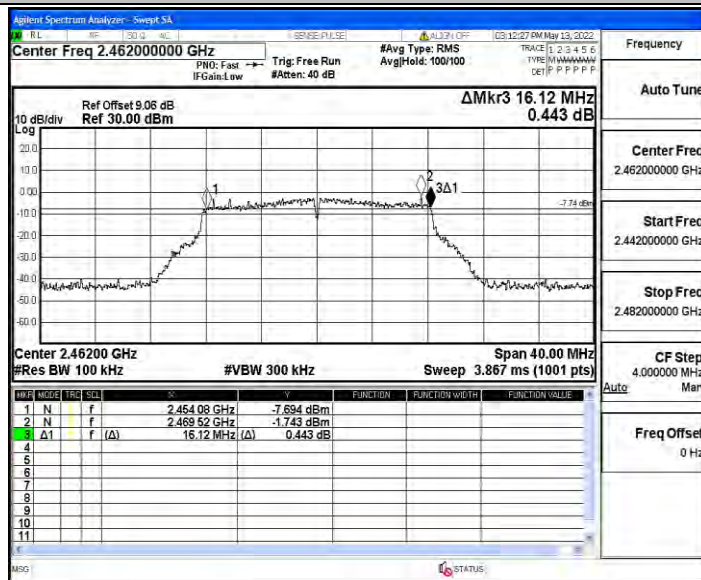
11G\_Ant1\_2437



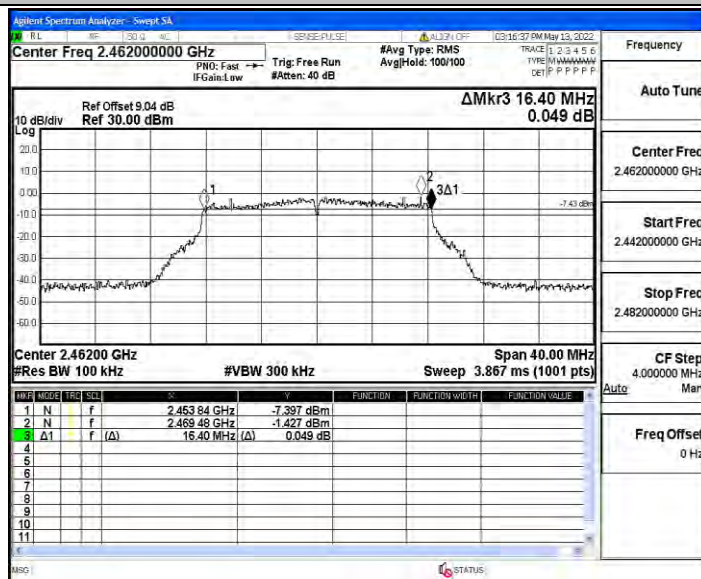
11G\_Ant2\_2437



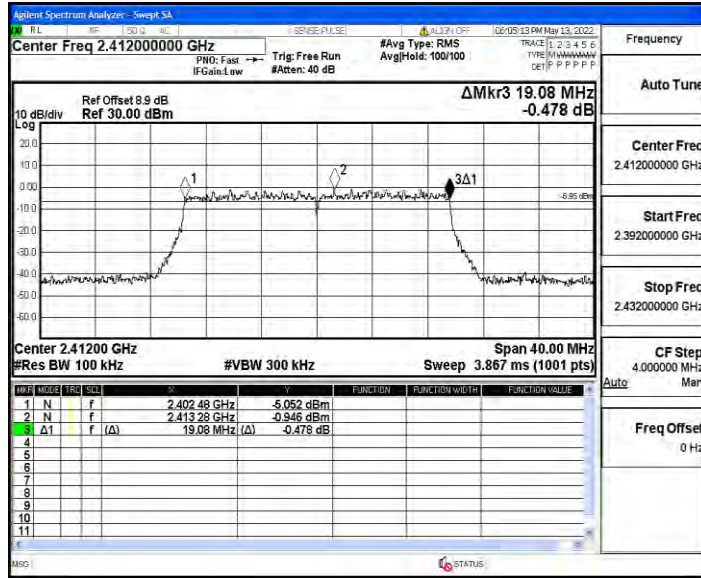
11G\_Ant1\_2462



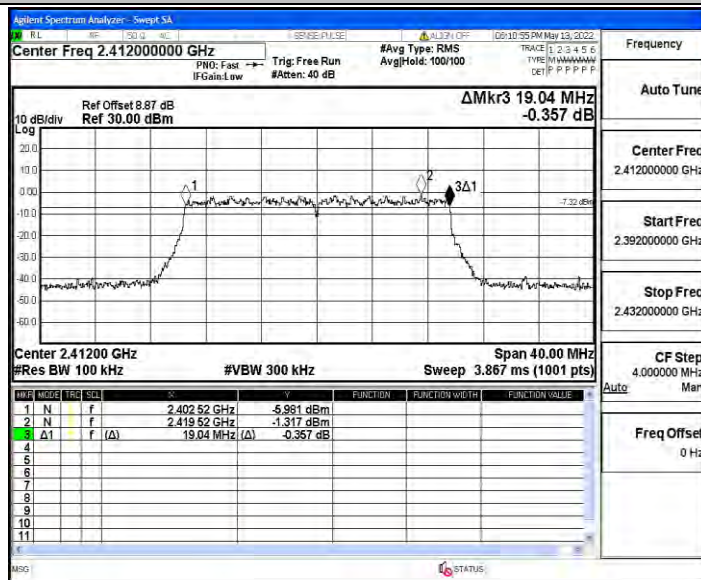
11G\_Ant2\_2462



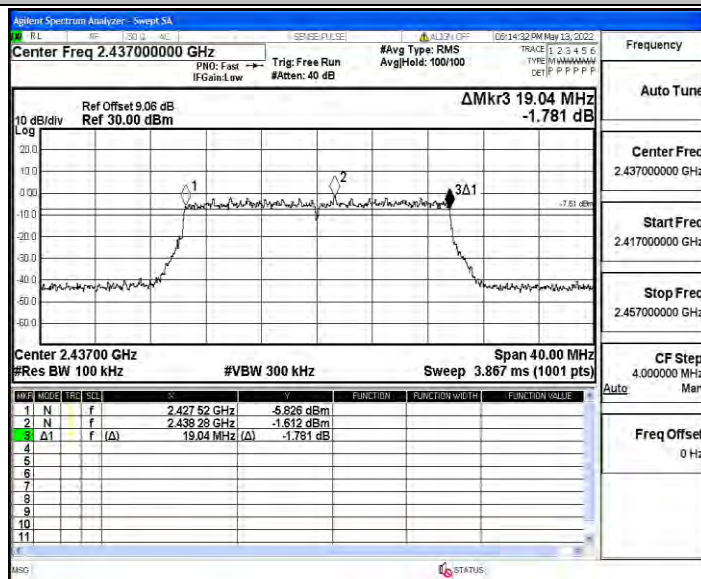
11AX20SISO\_Ant1\_2412



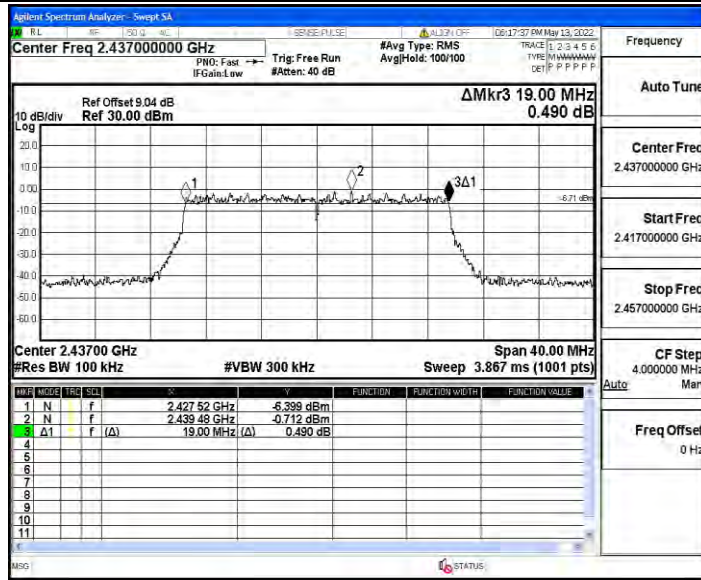
11AX20SISO\_Ant2\_2412



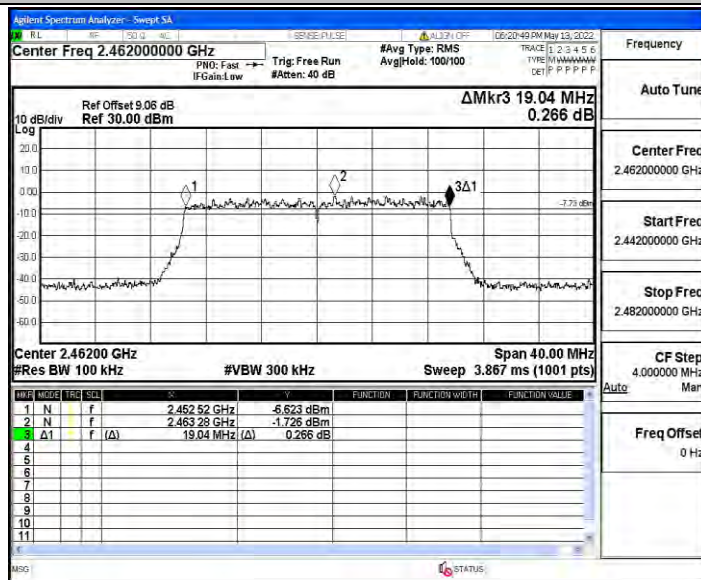
11AX20SISO\_Ant1\_2437



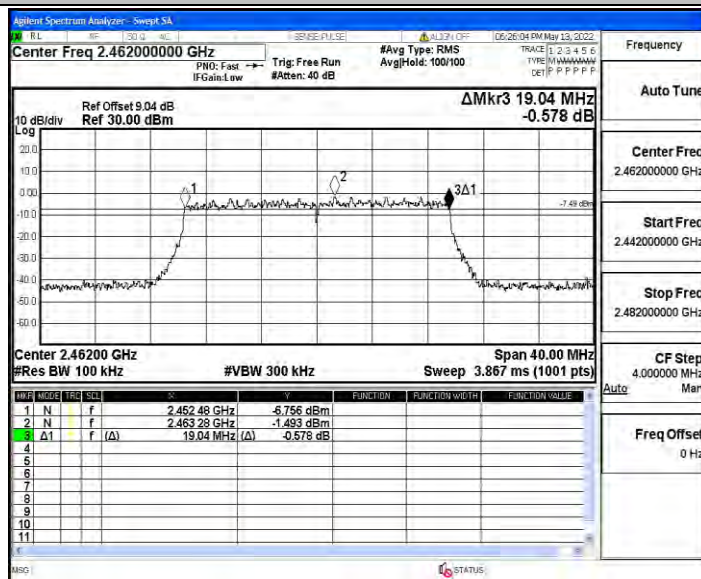
11AX20SISO\_Ant2\_2437



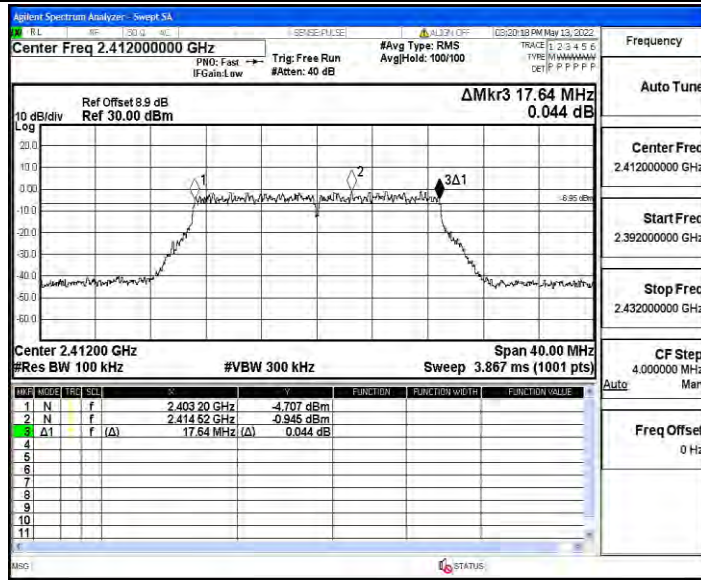
11AX20SISO\_Ant1\_2462



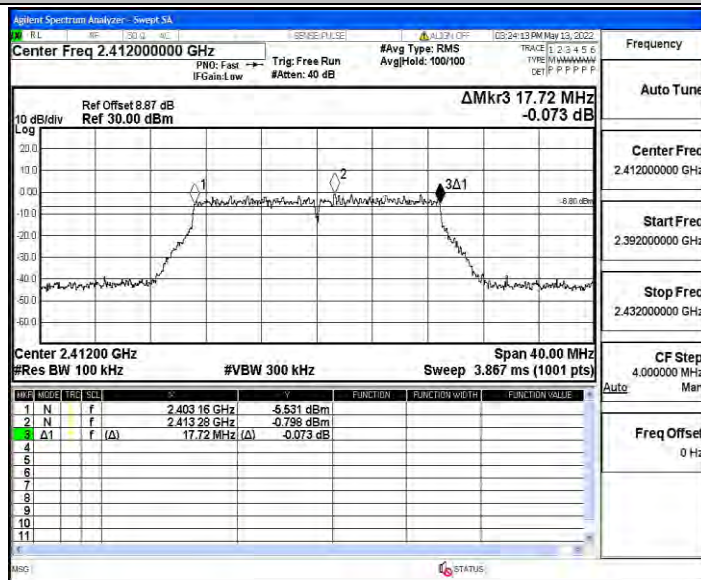
11AX20SISO\_Ant2\_2462



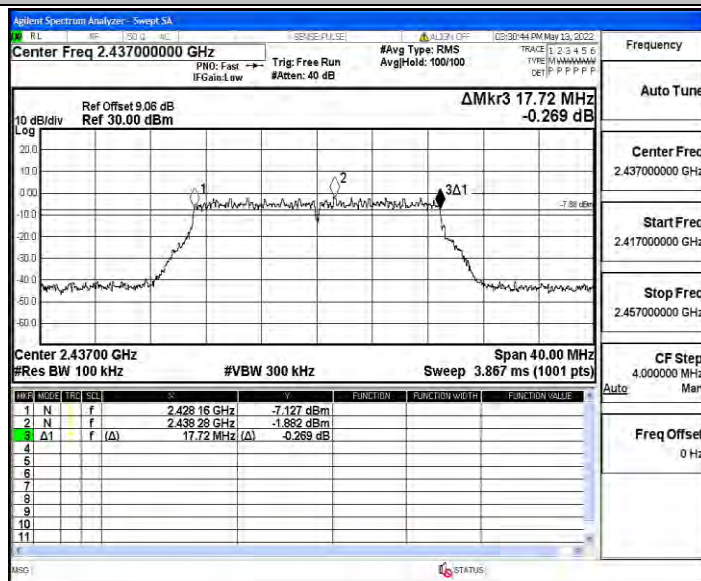
11N20MIMO\_Ant1\_2412



11N20MIMO\_Ant2\_2412

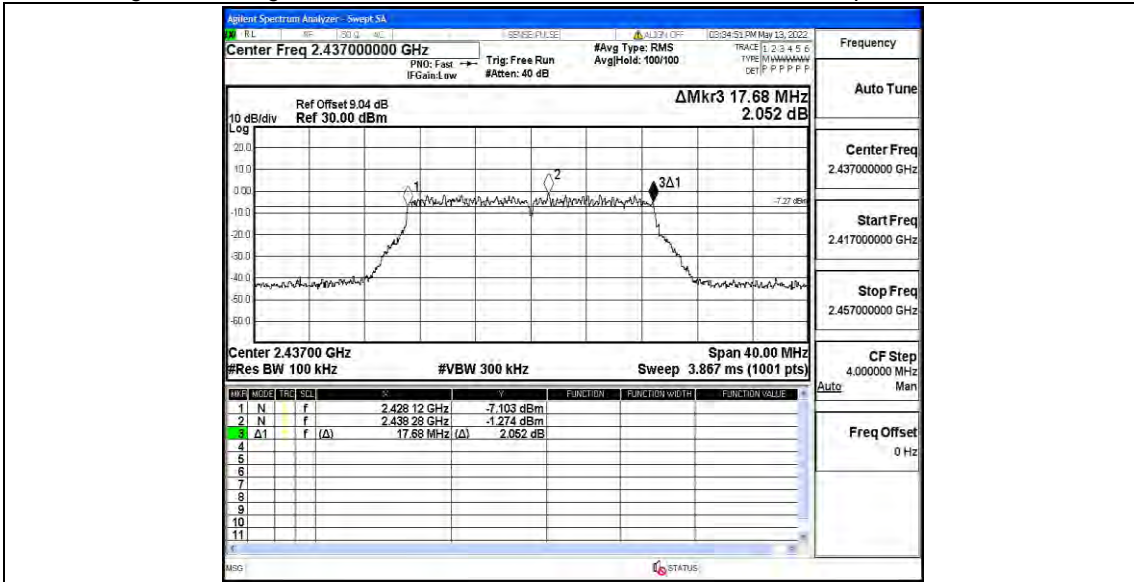


11N20MIMO\_Ant1\_2437

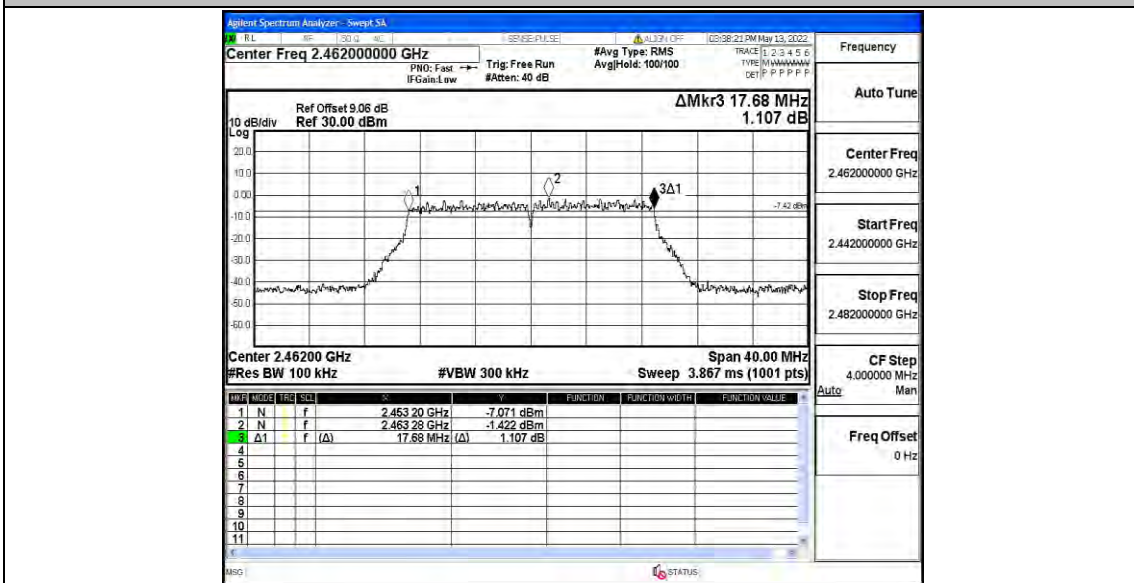


11N20MIMO\_Ant2\_2437

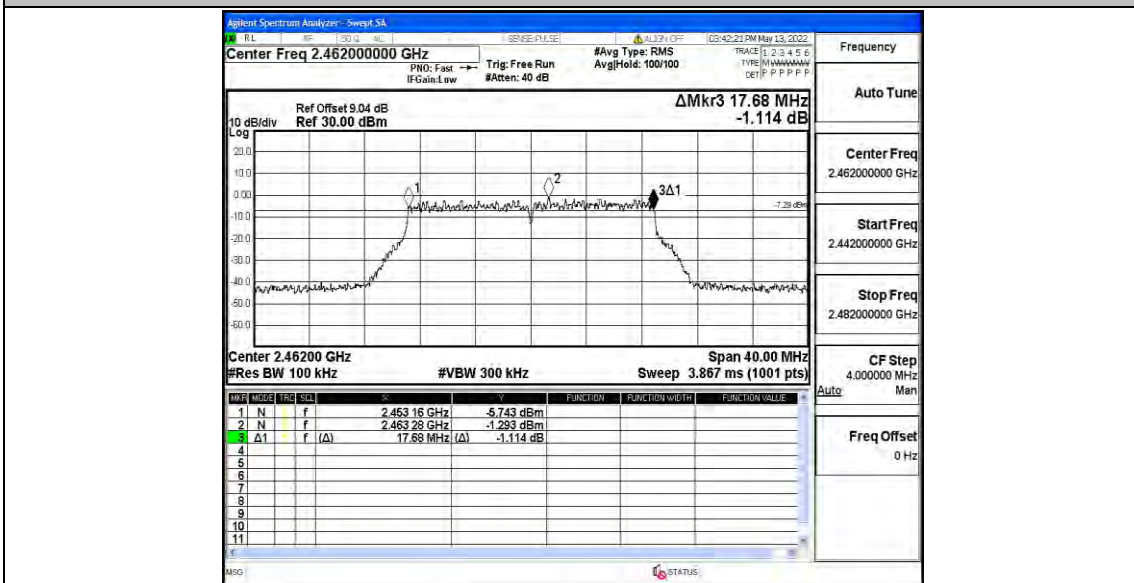




11N20MIMO\_Ant1\_2462



11N20MIMO\_Ant2\_2462

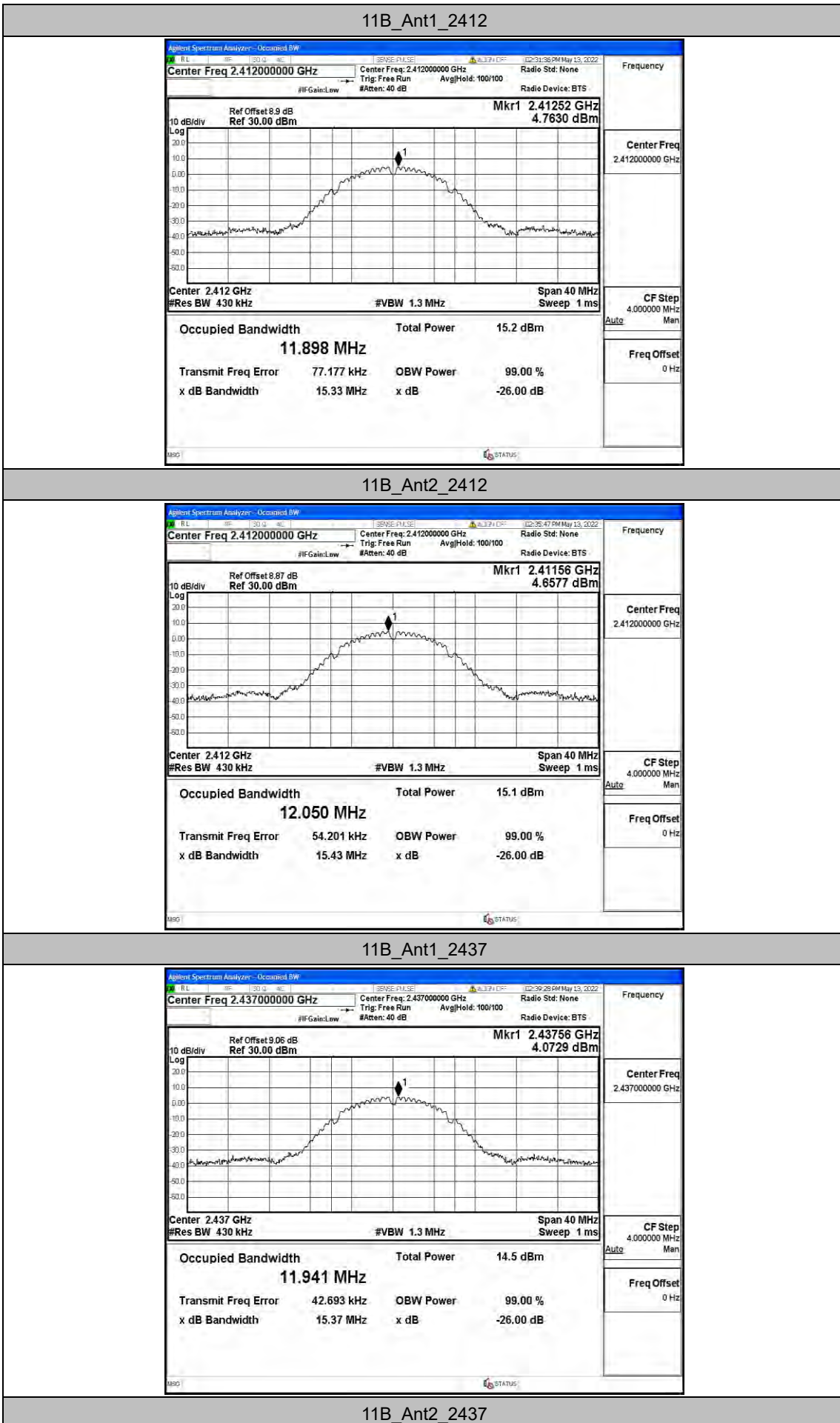


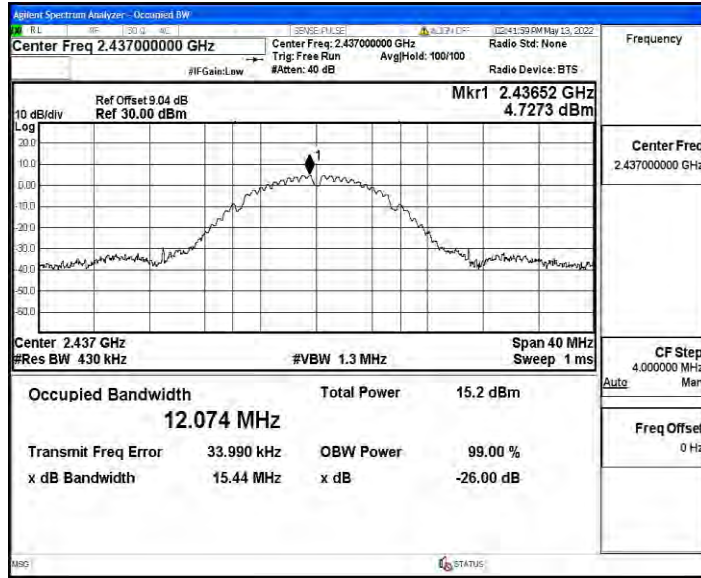
## Appendix B: Occupied Channel Bandwidth

### Test Result

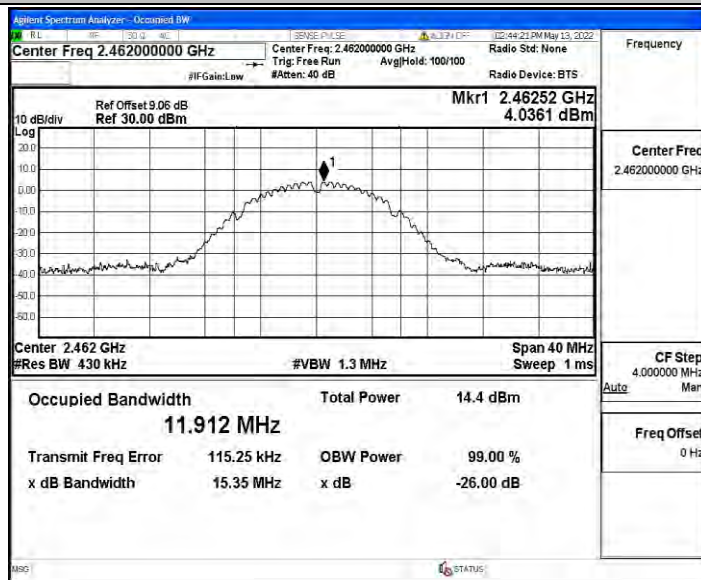
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.898	2406.128	2418.026	---	PASS
	Ant2	2412	12.050	2406.029	2418.079	---	PASS
	Ant1	2437	11.941	2431.072	2443.013	---	PASS
	Ant2	2437	12.074	2430.997	2443.071	---	PASS
	Ant1	2462	11.912	2456.159	2468.071	---	PASS
	Ant2	2462	12.030	2456.086	2468.116	---	PASS
11G	Ant1	2412	17.145	2403.504	2420.649	---	PASS
	Ant2	2412	17.187	2403.459	2420.646	---	PASS
	Ant1	2437	17.193	2428.413	2445.606	---	PASS
	Ant2	2437	17.142	2428.464	2445.606	---	PASS
	Ant1	2462	17.135	2453.526	2470.661	---	PASS
	Ant2	2462	17.216	2453.511	2470.727	---	PASS
11AX20SISO	Ant1	2412	19.118	2402.501	2421.619	---	PASS
	Ant2	2412	19.107	2402.515	2421.622	---	PASS
	Ant1	2437	19.113	2427.491	2446.604	---	PASS
	Ant2	2437	19.143	2427.464	2446.607	---	PASS
	Ant1	2462	19.083	2452.510	2471.593	---	PASS
	Ant2	2462	19.057	2452.544	2471.601	---	PASS
11N20MIMO	Ant1	2412	18.189	2402.987	2421.176	---	PASS
	Ant2	2412	18.118	2402.957	2421.075	---	PASS
	Ant1	2437	18.162	2427.955	2446.117	---	PASS
	Ant2	2437	18.134	2427.987	2446.121	---	PASS
	Ant1	2462	18.156	2453.025	2471.181	---	PASS
	Ant2	2462	18.058	2453.047	2471.105	---	PASS

Test Graphs

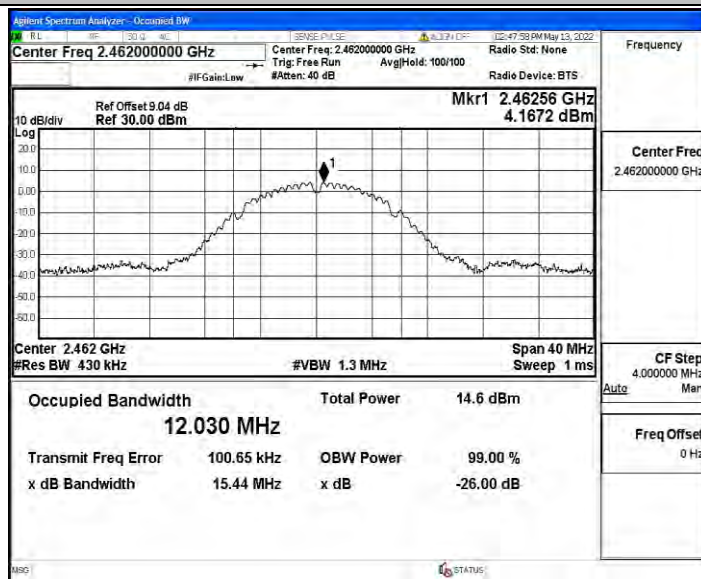




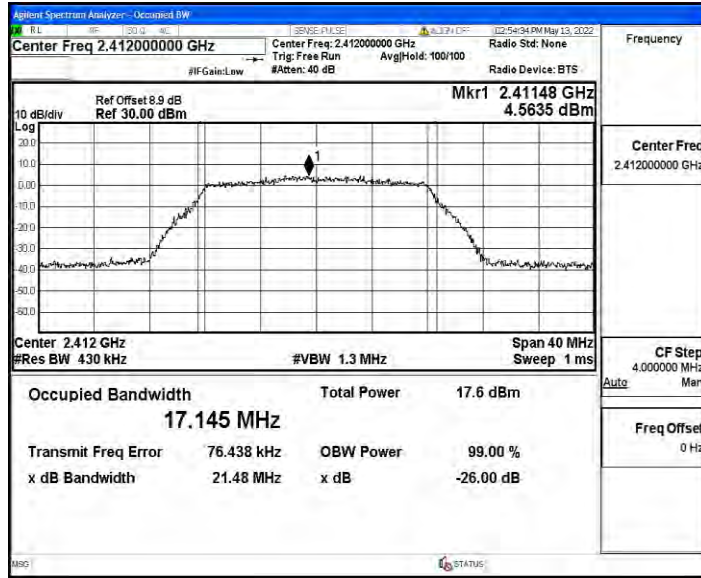
11B\_Ant1\_2462



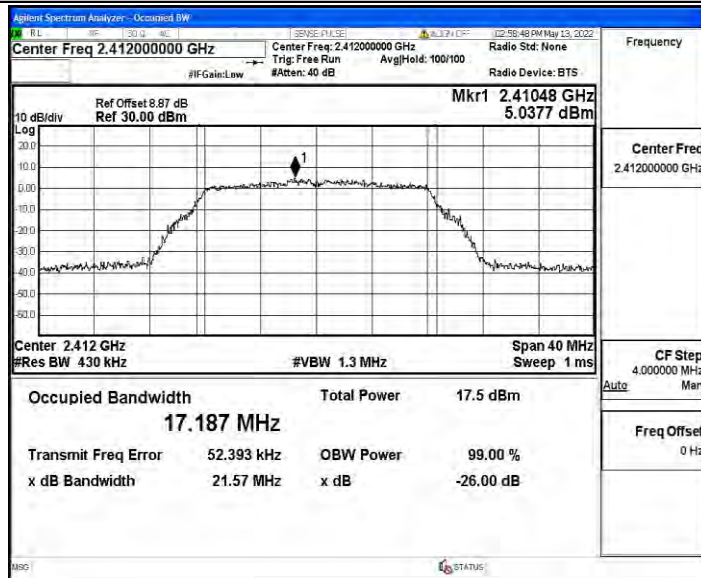
11B\_Ant2\_2462



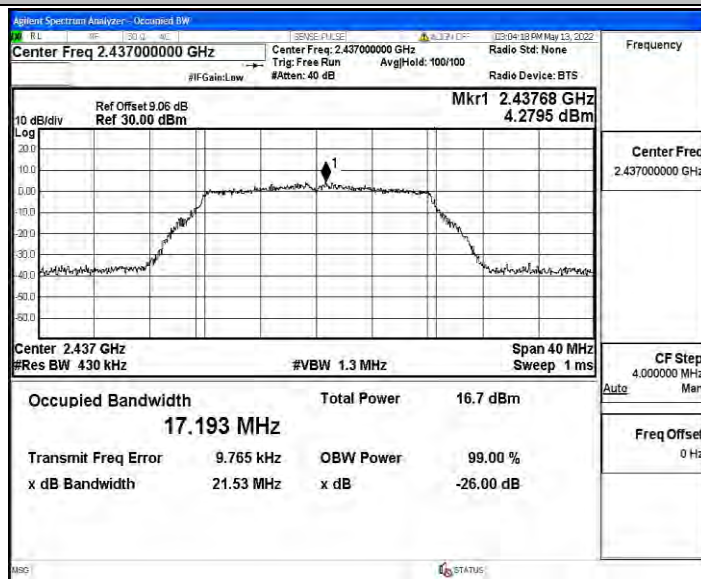
11G\_Ant1\_2412



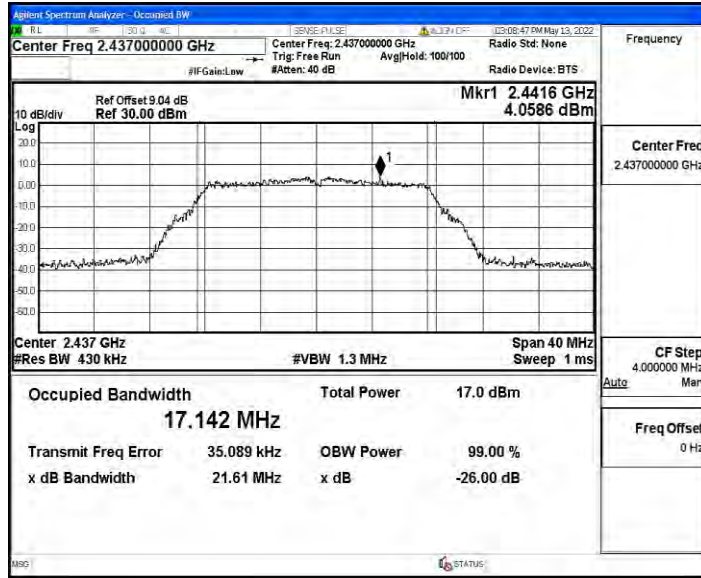
11G\_Ant2\_2412



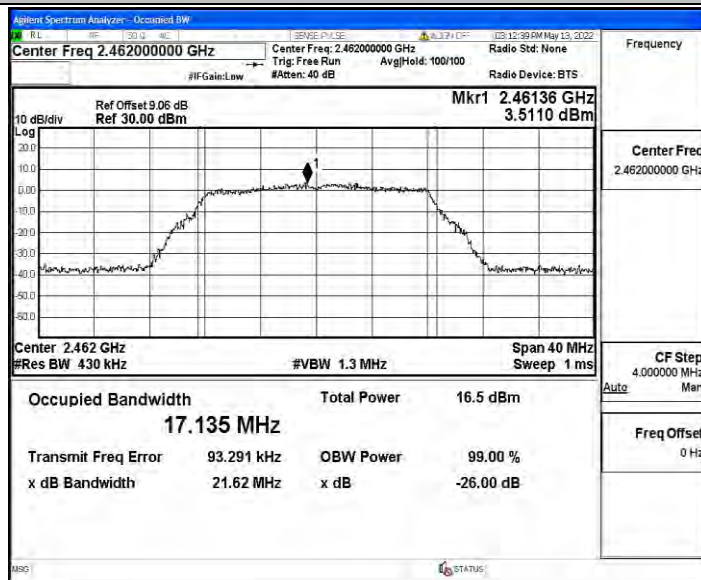
11G\_Ant1\_2437



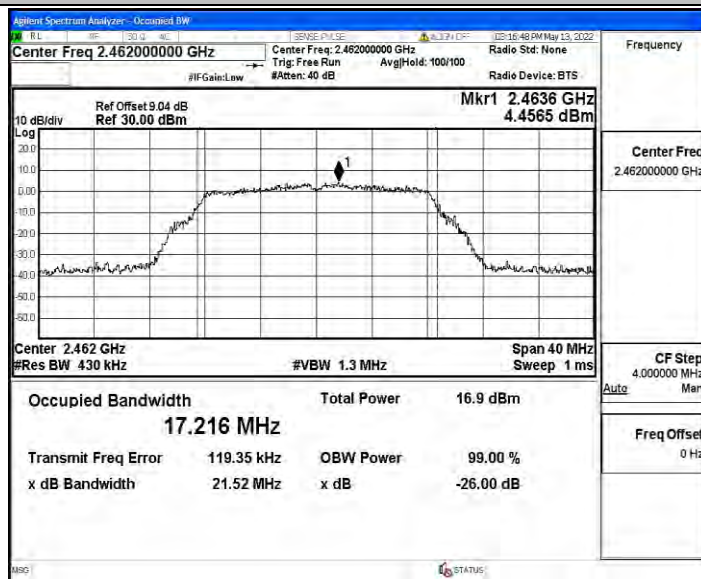
11G\_Ant2\_2437



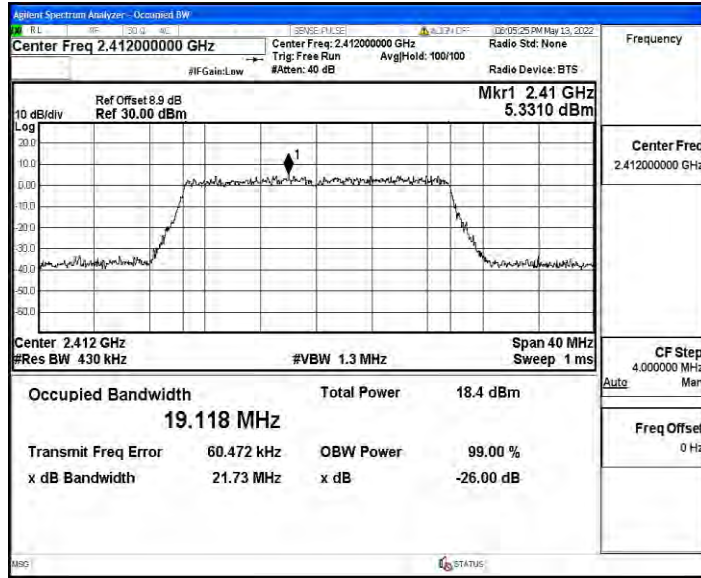
11G\_Ant1\_2462



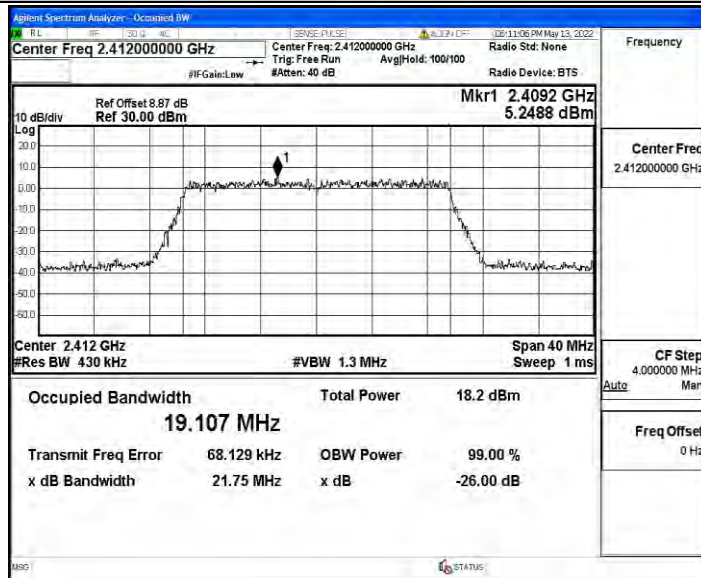
11G\_Ant2\_2462



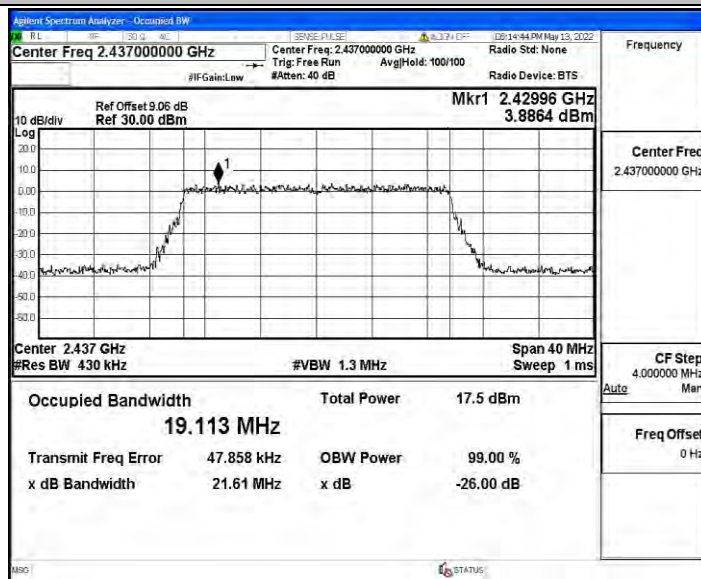
11AX20SISO\_Ant1\_2412



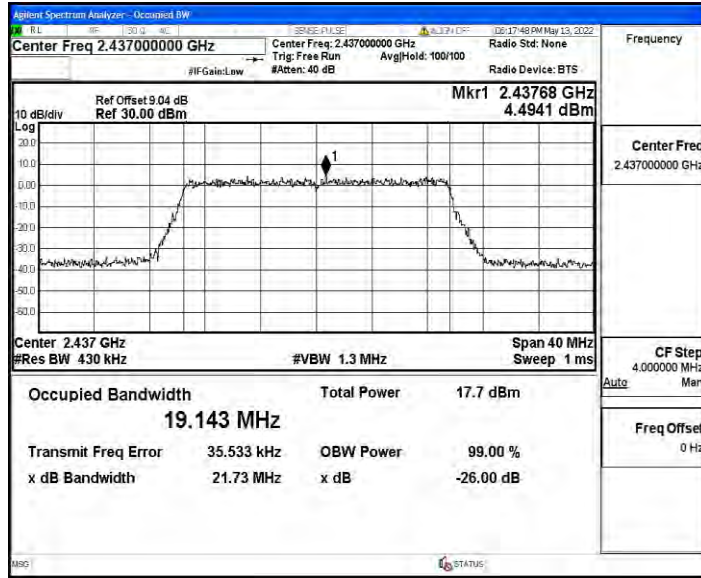
11AX20SISO\_Ant2\_2412



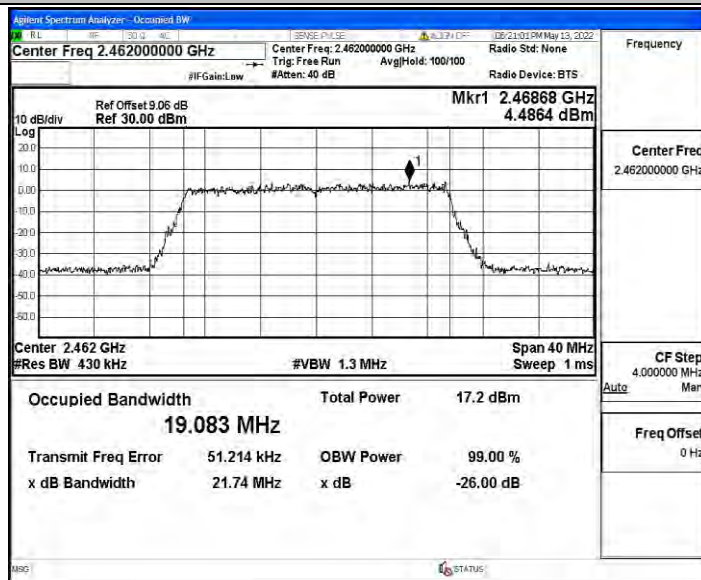
11AX20SISO\_Ant1\_2437



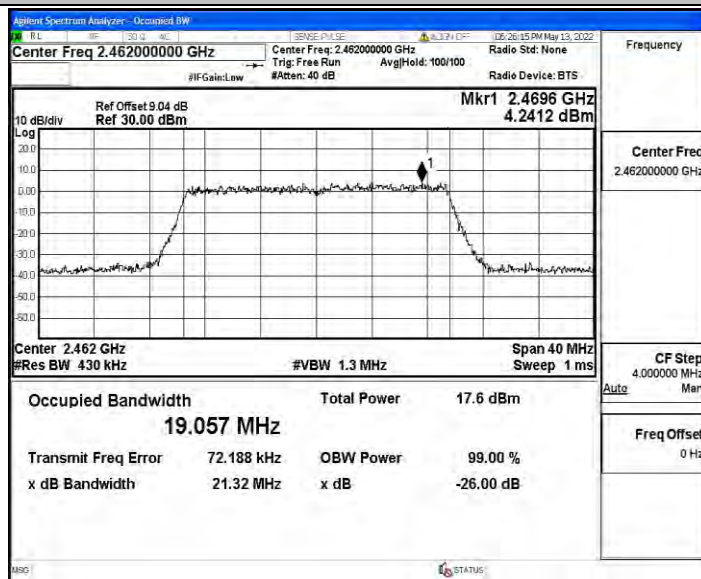
11AX20SISO\_Ant2\_2437



11AX20SISO\_Ant1\_2462

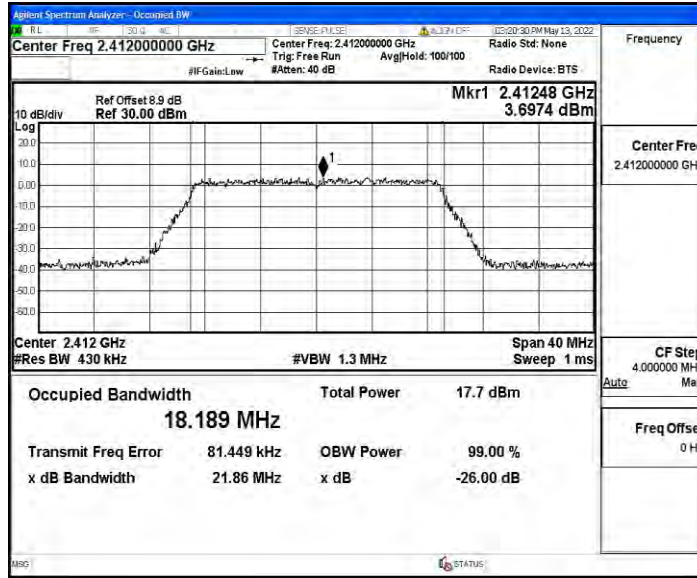


11AX20SISO\_Ant2\_2462

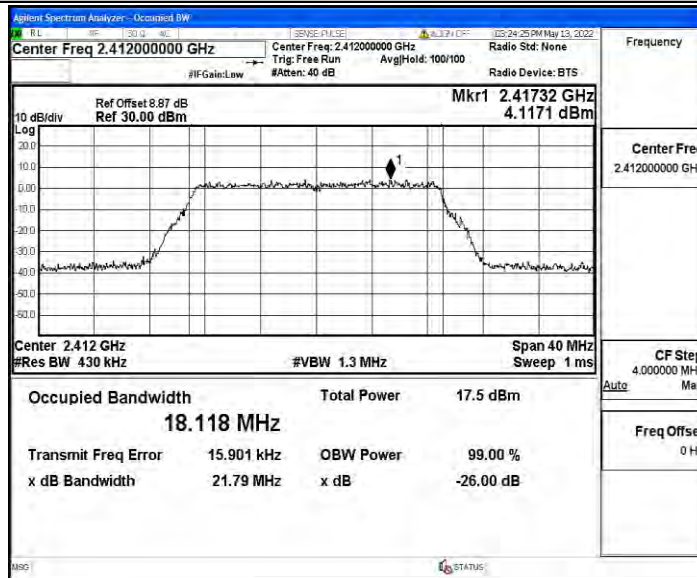


11N20MIMO\_Ant1\_2412

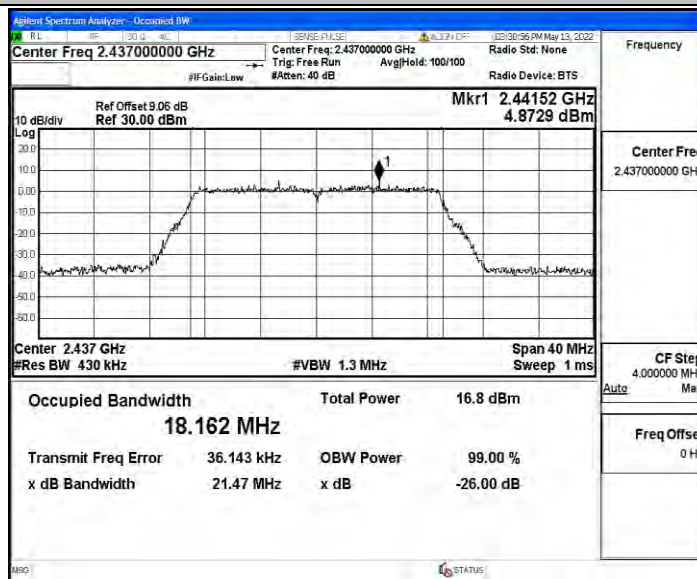




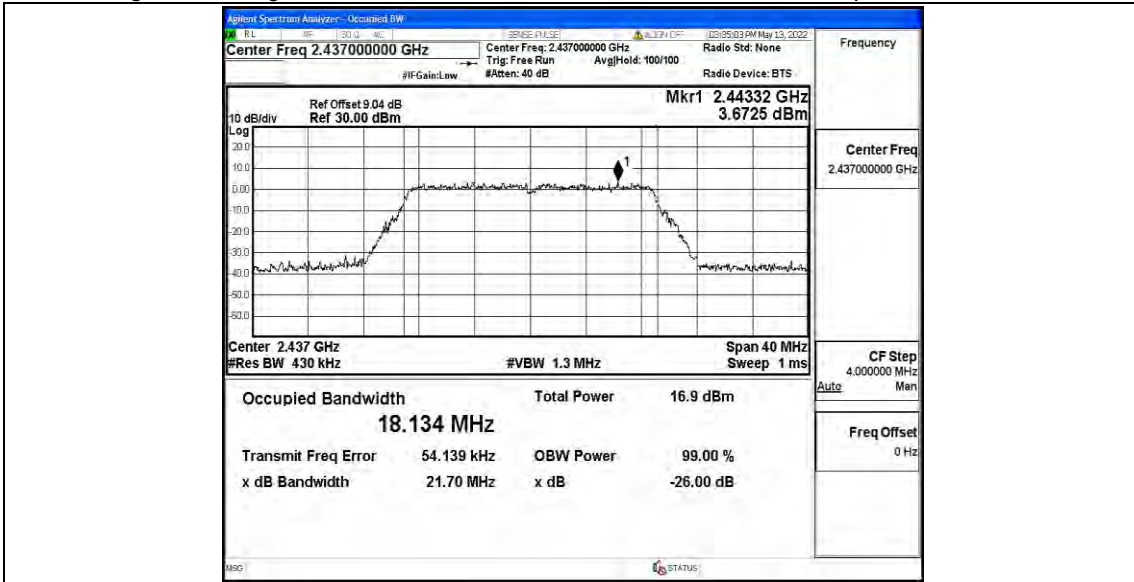
11N20MIMO\_Ant2\_2412



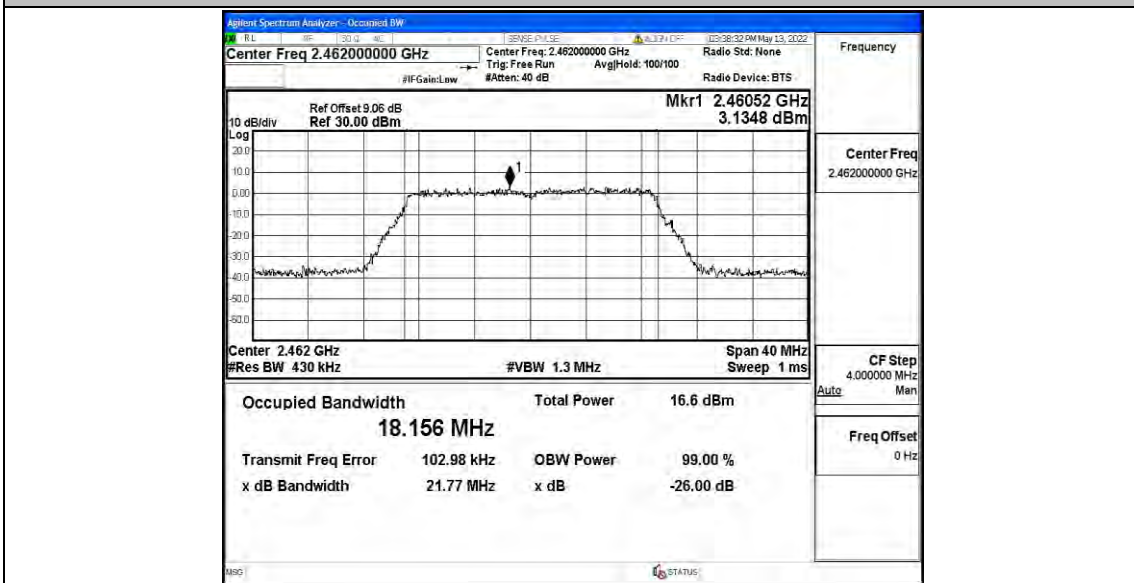
11N20MIMO\_Ant1\_2437



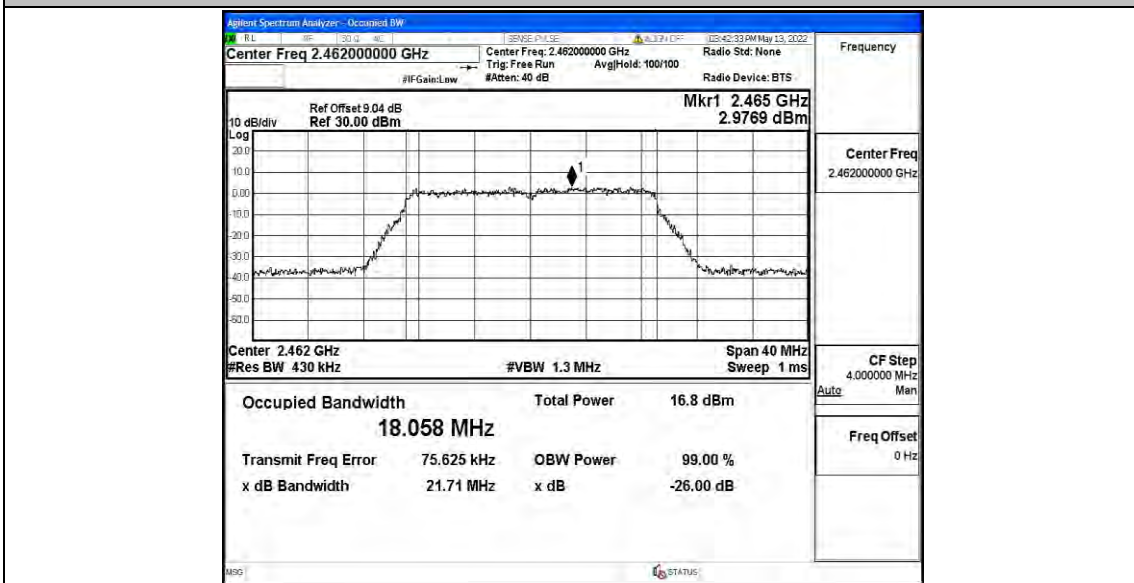
11N20MIMO\_Ant2\_2437



11N20MIMO\_Ant1\_2462



11N20MIMO\_Ant2\_2462



## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	12.29	≤30.00	PASS
	Ant2	2412	12.09	≤30.00	PASS
	Ant1	2437	11.61	≤30.00	PASS
	Ant2	2437	11.96	≤30.00	PASS
	Ant1	2462	11.49	≤30.00	PASS
	Ant2	2462	11.61	≤30.00	PASS
11G	Ant1	2412	11.35	≤30.00	PASS
	Ant2	2412	11.29	≤30.00	PASS
	Ant1	2437	10.62	≤30.00	PASS
	Ant2	2437	10.80	≤30.00	PASS
	Ant1	2462	10.39	≤30.00	PASS
	Ant2	2462	10.80	≤30.00	PASS
11AX20SISO	Ant1	2412	11.49	≤30.00	PASS
	Ant2	2412	11.61	≤30.00	PASS
	total	2412	14.56	≤30.00	PASS
	Ant1	2437	10.56	≤30.00	PASS
	Ant2	2437	10.93	≤30.00	PASS
	total	2437	13.76	≤30.00	PASS
	Ant1	2462	10.50	≤30.00	PASS
	Ant2	2462	10.66	≤30.00	PASS
	total	2462	13.59	≤30.00	PASS
11N20MIMO	Ant1	2412	11.33	≤30.00	PASS
	Ant2	2412	11.19	≤30.00	PASS
	total	2412	14.27	≤30.00	PASS
	Ant1	2437	10.29	≤30.00	PASS
	Ant2	2437	10.85	≤30.00	PASS
	total	2437	13.59	≤30.00	PASS
	Ant1	2462	10.27	≤30.00	PASS
	Ant2	2462	10.59	≤30.00	PASS
	total	2462	13.44	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.

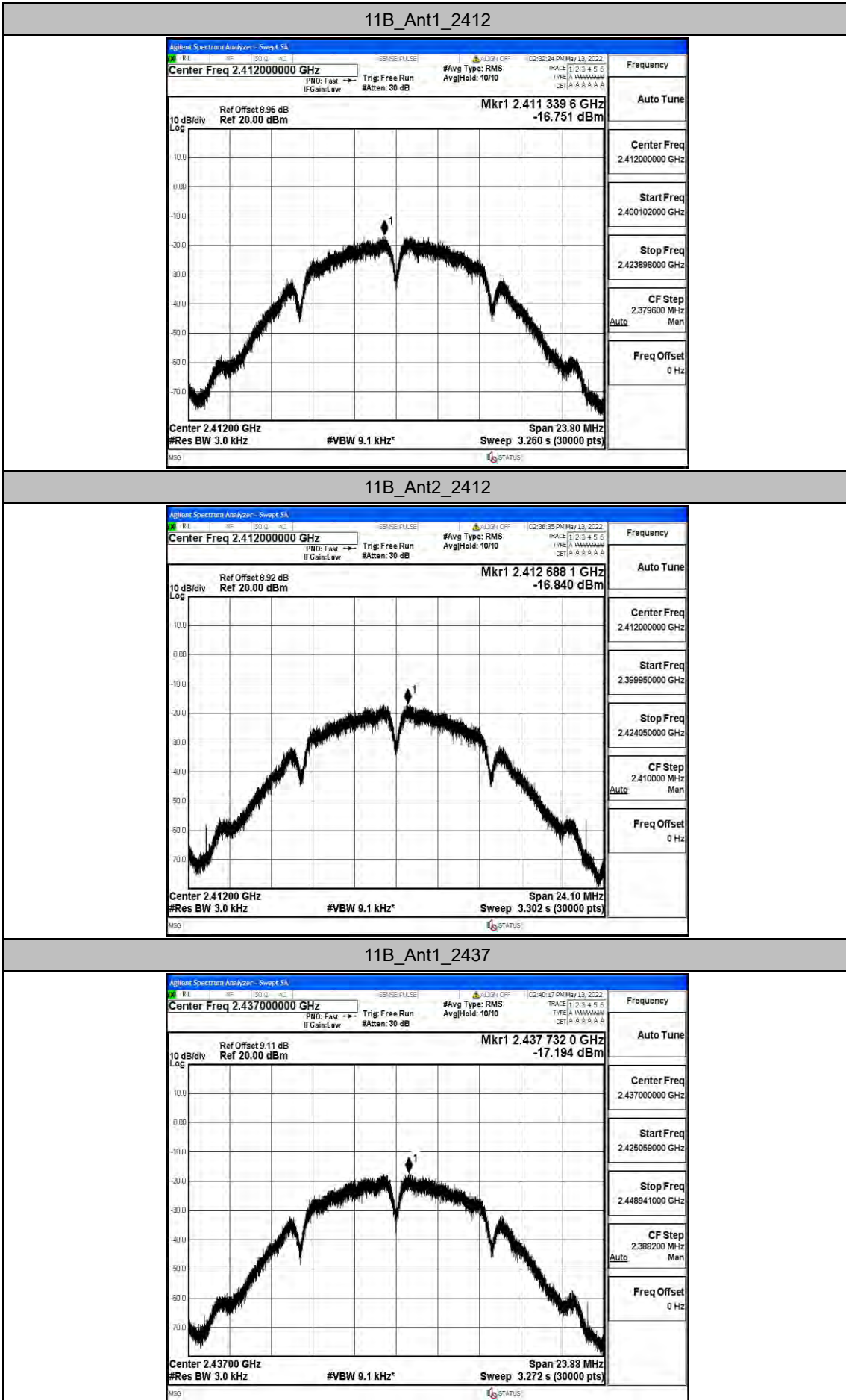
## Appendix D: Maximum power spectral density

### Test Result

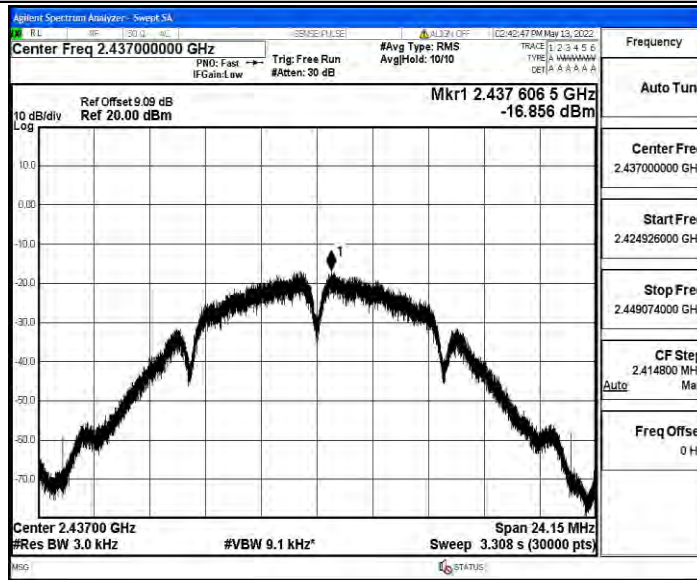
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.75	≤8.00	PASS
	Ant2	2412	-16.84	≤8.00	PASS
	Ant1	2437	-17.19	≤8.00	PASS
	Ant2	2437	-16.86	≤8.00	PASS
	Ant1	2462	-17.23	≤8.00	PASS
	Ant2	2462	-16.98	≤8.00	PASS
11G	Ant1	2412	-19.48	≤8.00	PASS
	Ant2	2412	-20.03	≤8.00	PASS
	Ant1	2437	-20.37	≤8.00	PASS
	Ant2	2437	-19.79	≤8.00	PASS
	Ant1	2462	-19.68	≤8.00	PASS
	Ant2	2462	-19.87	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.35	≤8.00	PASS
	Ant2	2412	-16.2	≤8.00	PASS
	total	2412	-13.26	≤8.00	PASS
	Ant1	2437	-17.27	≤8.00	PASS
	Ant2	2437	-16.72	≤8.00	PASS
	total	2437	-13.98	≤8.00	PASS
	Ant1	2462	-17.7	≤8.00	PASS
	Ant2	2462	-17.75	≤8.00	PASS
	total	2462	-14.71	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.07	≤8.00	PASS
	Ant2	2412	-18.05	≤8.00	PASS
	total	2412	-15.05	≤8.00	PASS
	Ant1	2437	-20.09	≤8.00	PASS
	Ant2	2437	-19.32	≤8.00	PASS
	total	2437	-16.68	≤8.00	PASS
	Ant1	2462	-19.54	≤8.00	PASS
	Ant2	2462	-18.96	≤8.00	PASS
	total	2462	-16.23	≤8.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.

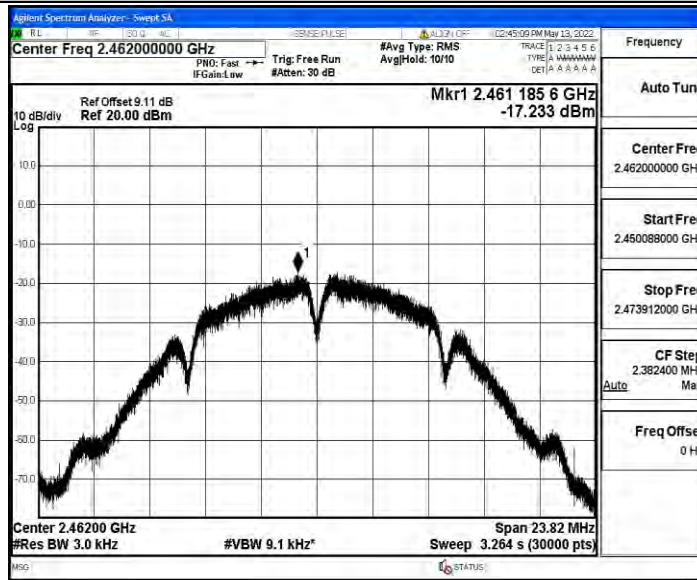
### Test Graphs



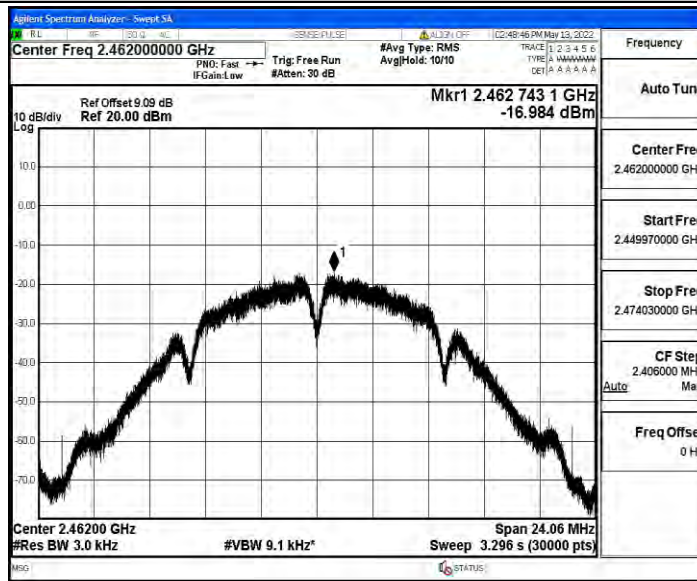
11B\_Ant2\_2437



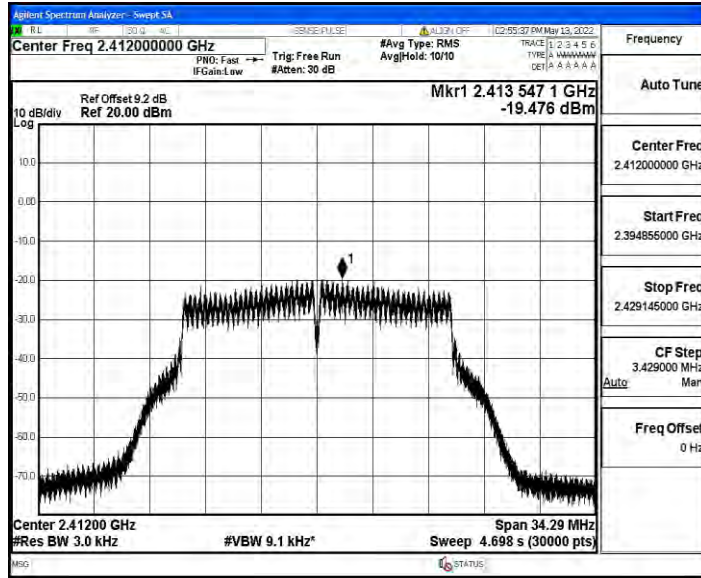
11B\_Ant1\_2462



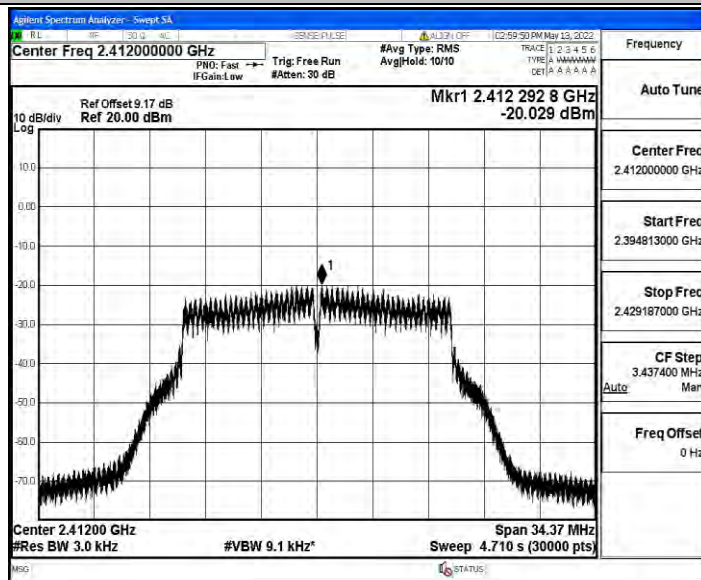
11B\_Ant2\_2462



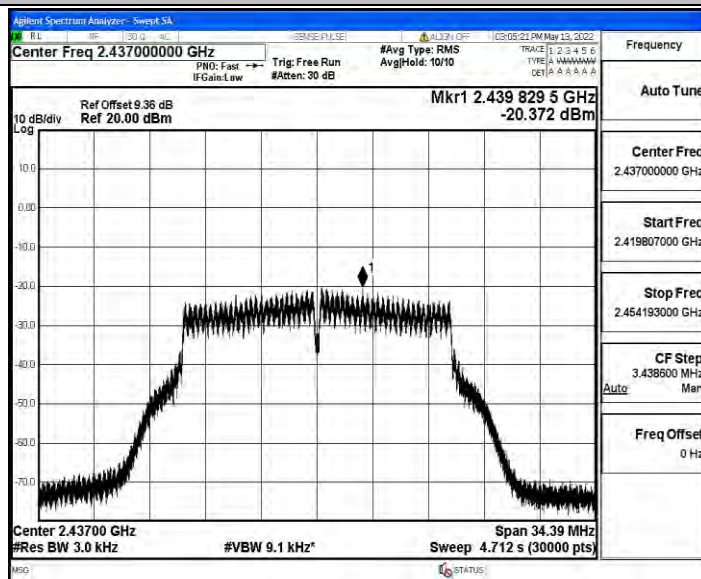
11G\_Ant1\_2412



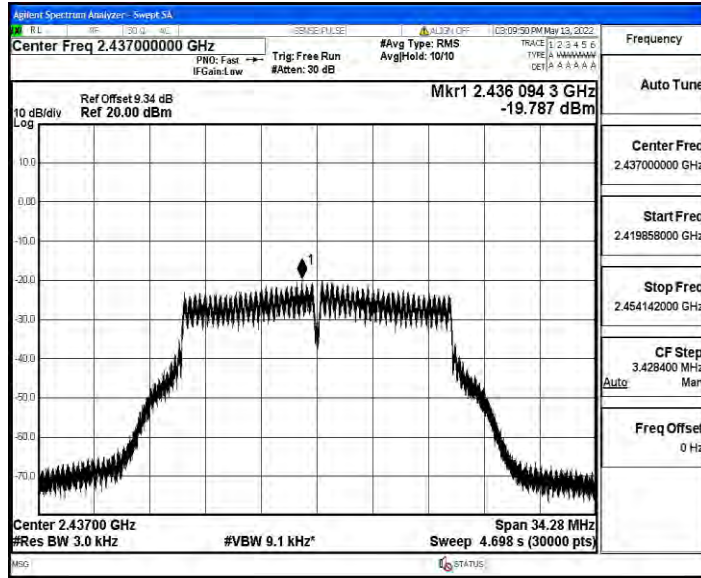
11G\_Ant2\_2412



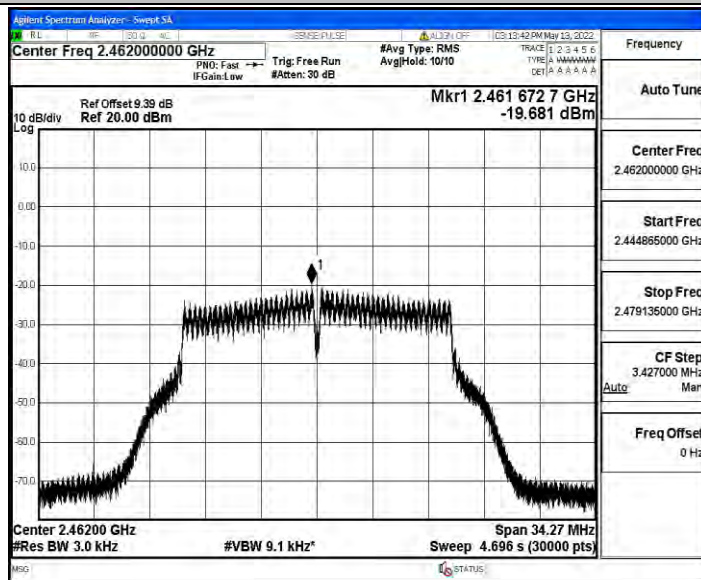
11G\_Ant1\_2437



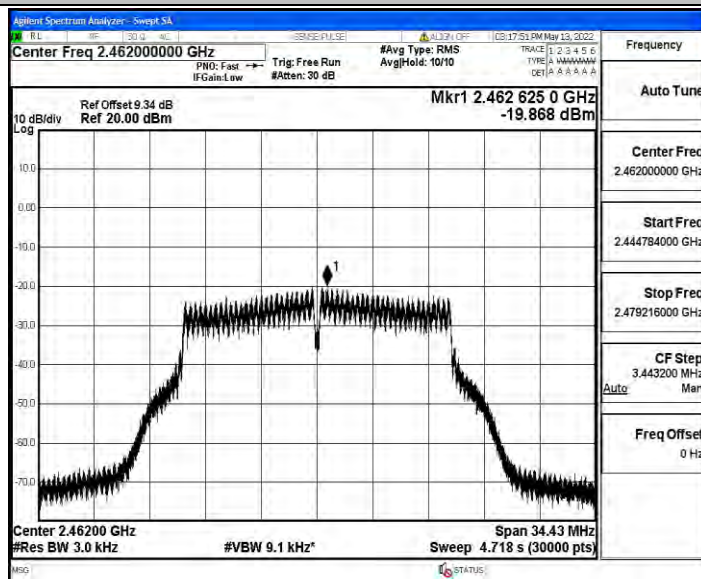
11G\_Ant2\_2437



11G\_Ant1\_2462

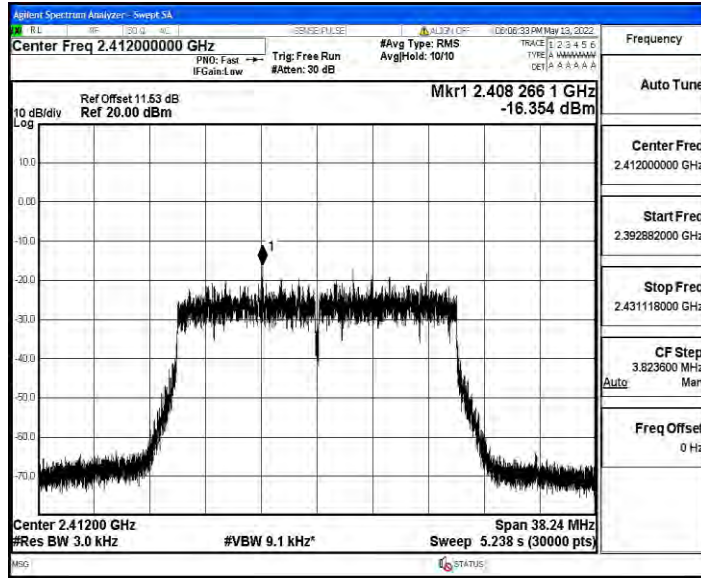


11G\_Ant2\_2462

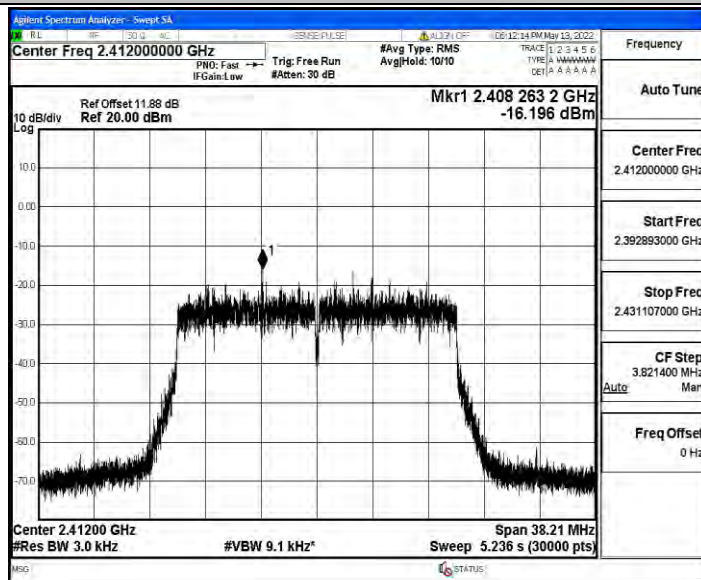


11AX20SISO\_Ant1\_2412

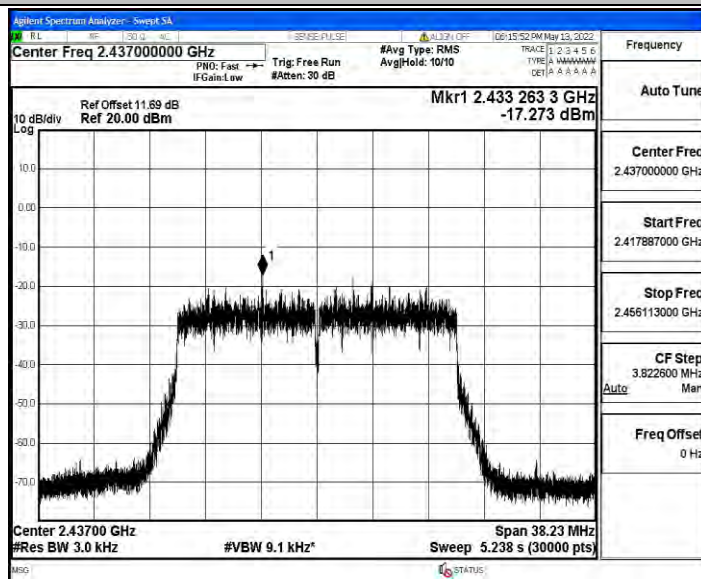




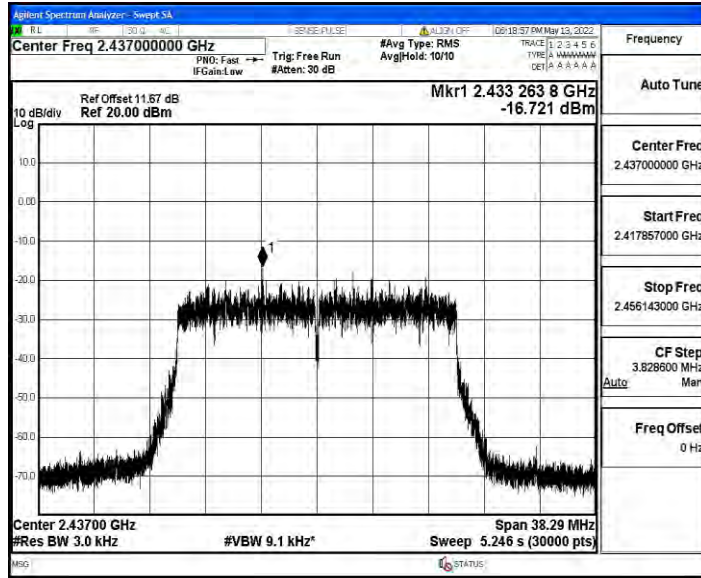
11AX20SISO\_Ant2\_2412



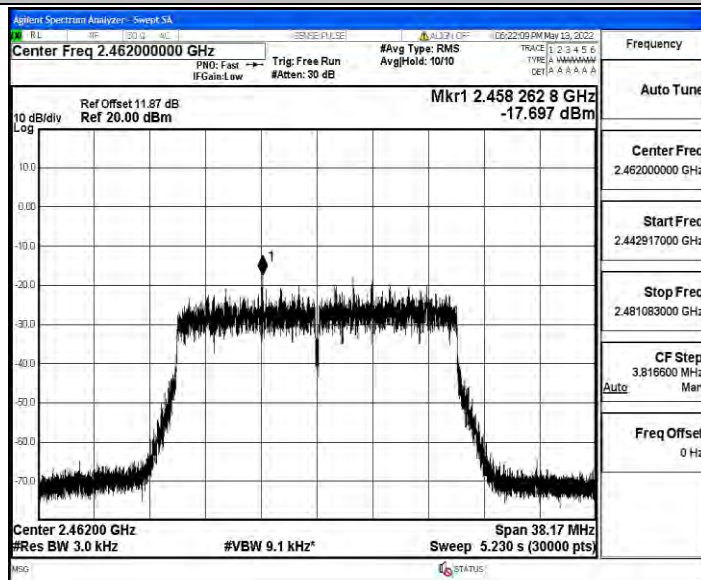
11AX20SISO\_Ant1\_2437



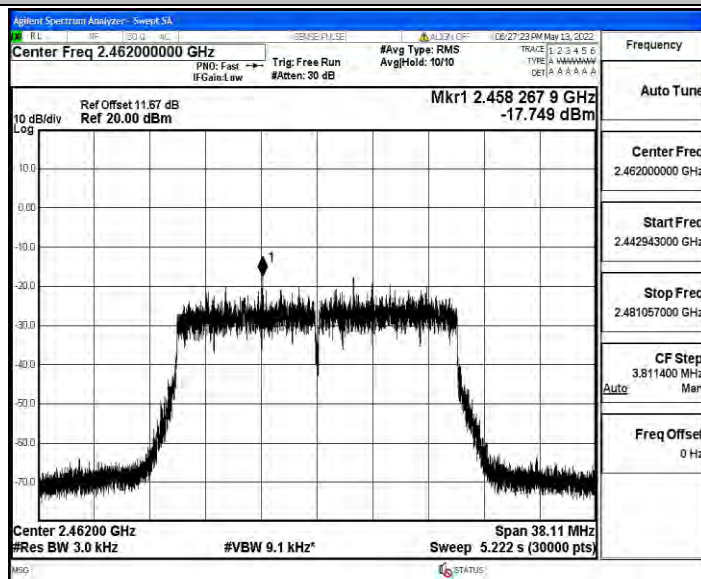
11AX20SISO\_Ant2\_2437



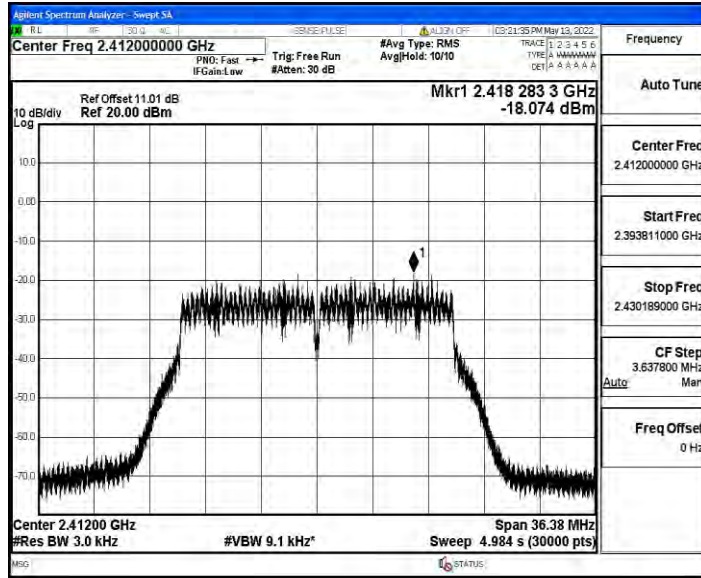
11AX20SISO\_Ant1\_2462



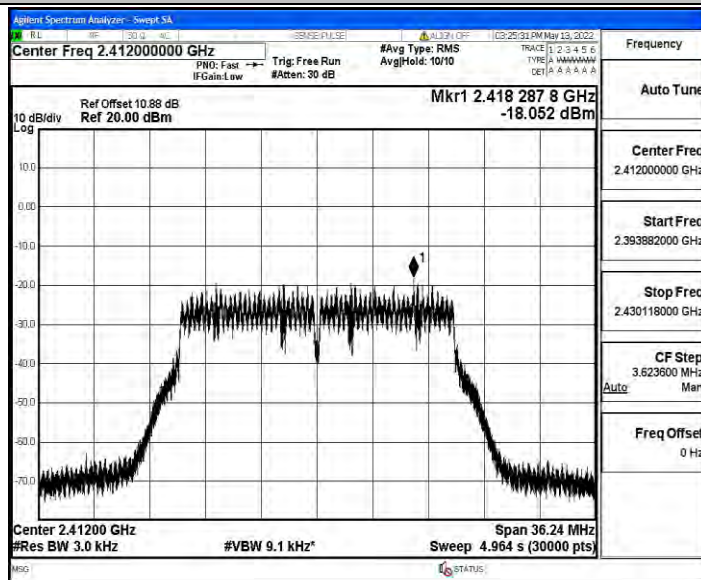
11AX20SISO\_Ant2\_2462



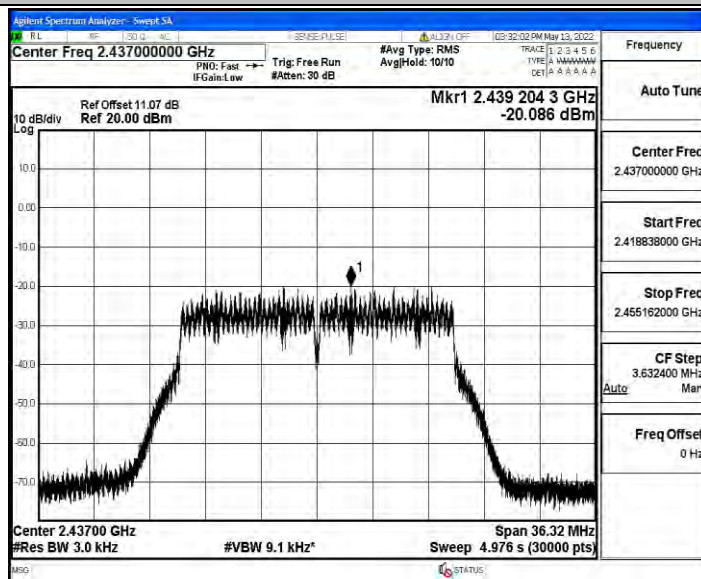
11N20MIMO\_Ant1\_2412



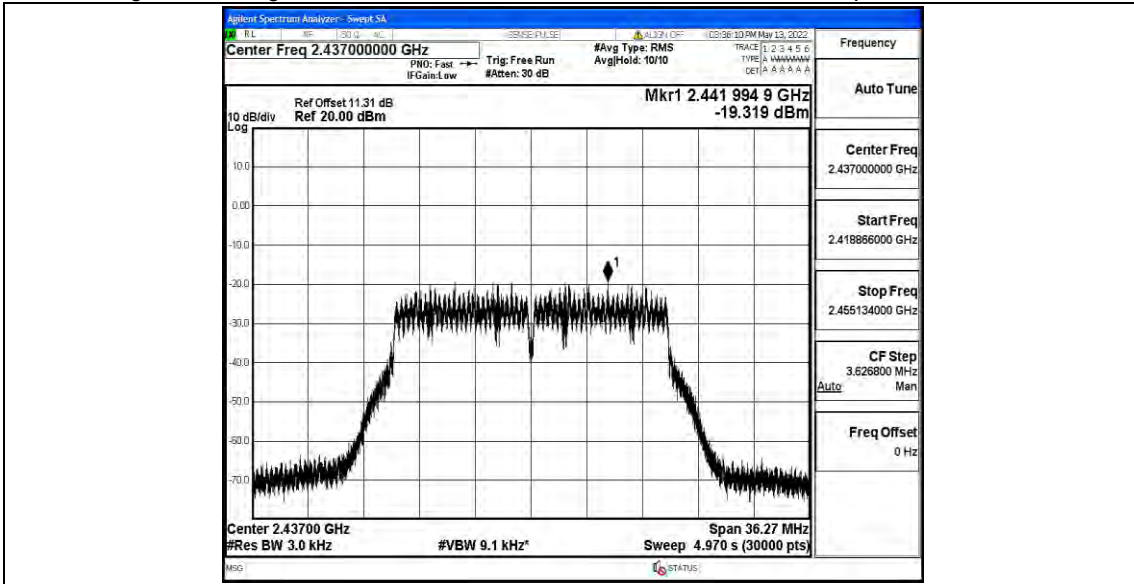
11N20MIMO\_Ant2\_2412



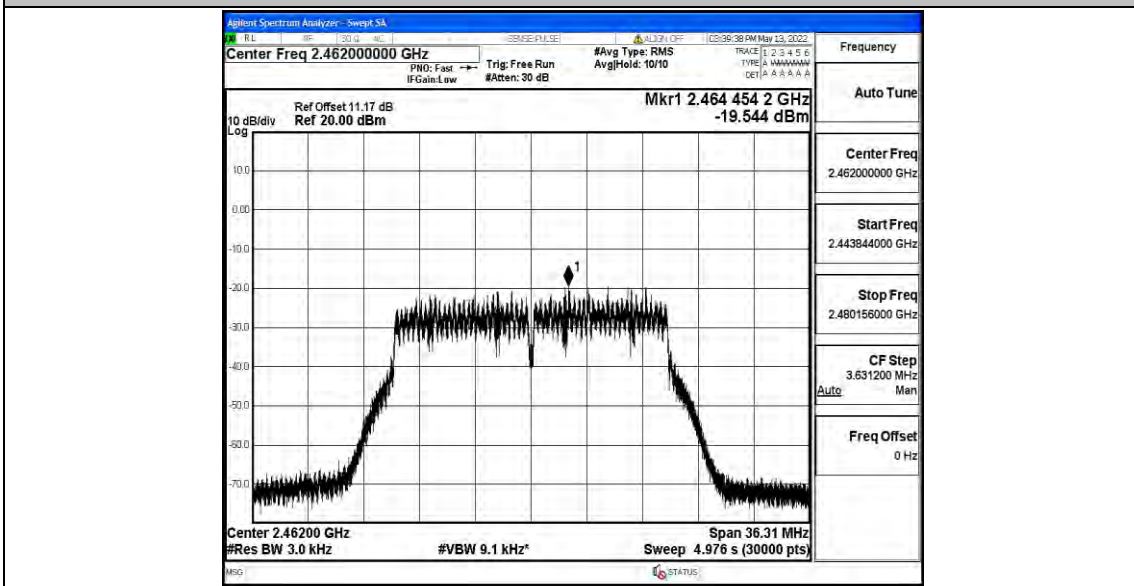
11N20MIMO\_Ant1\_2437



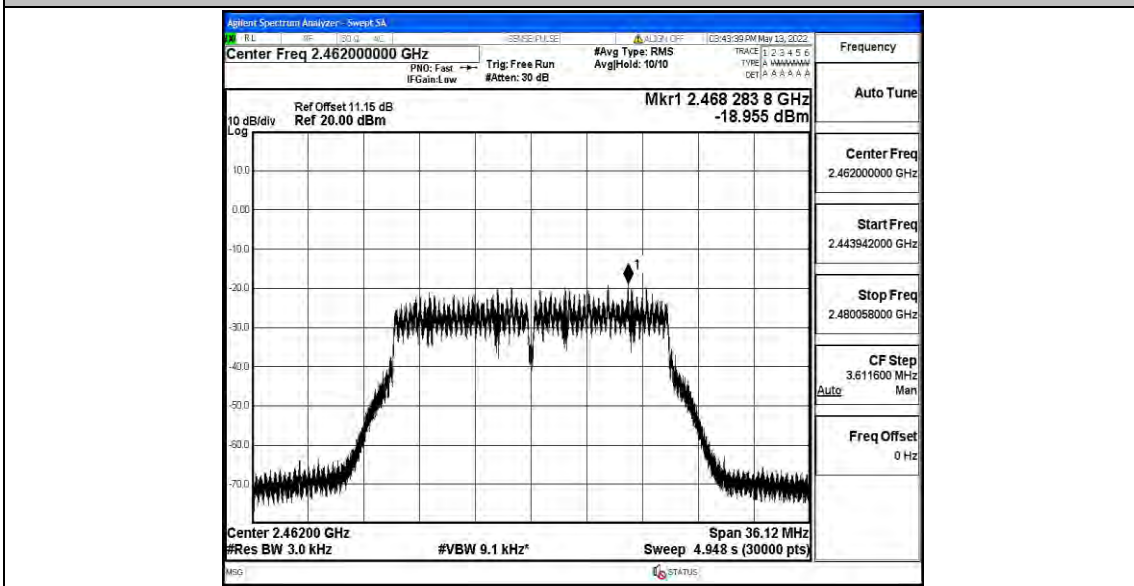
11N20MIMO\_Ant2\_2437



11N20MIMO\_Ant1\_2462



11N20MIMO\_Ant2\_2462

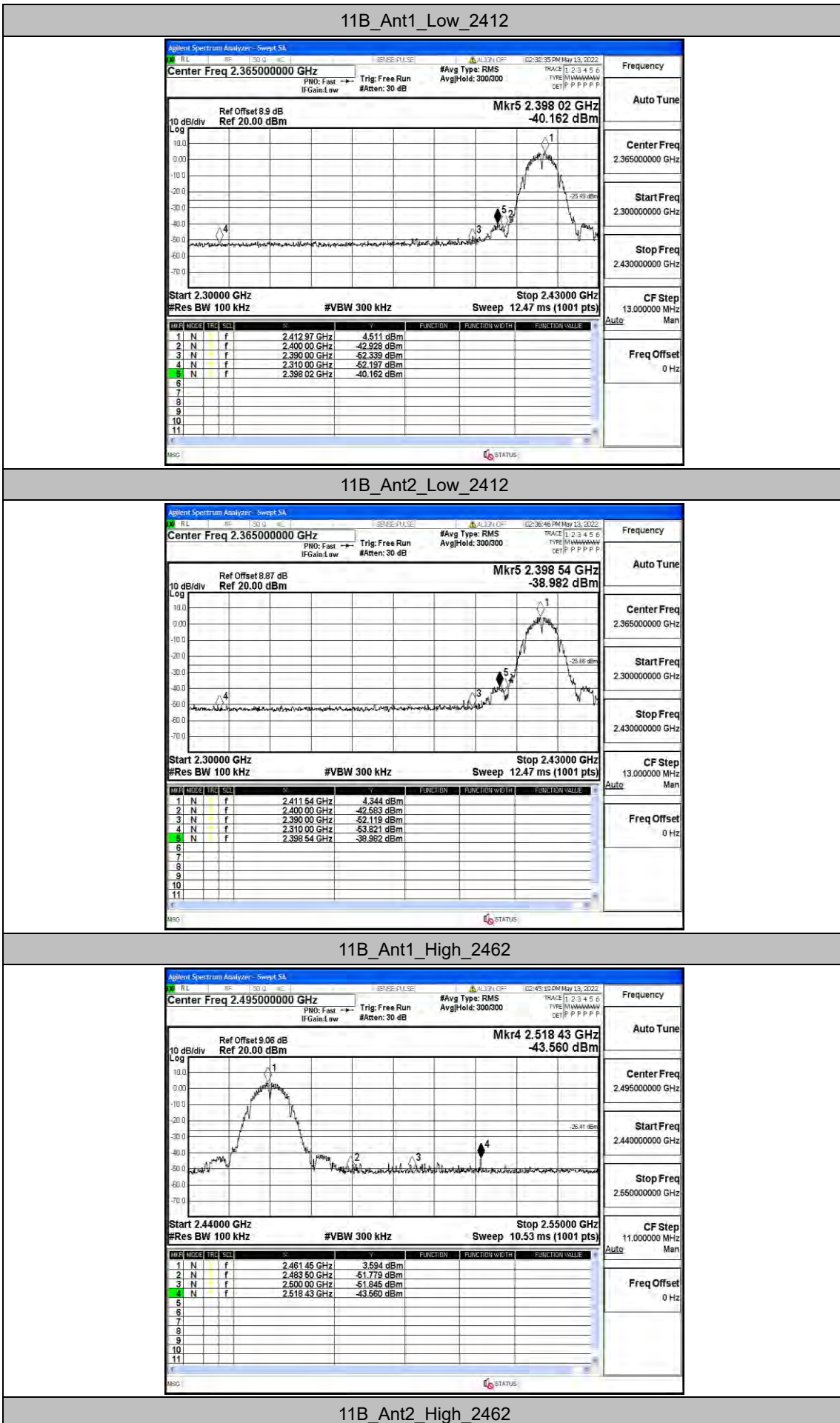


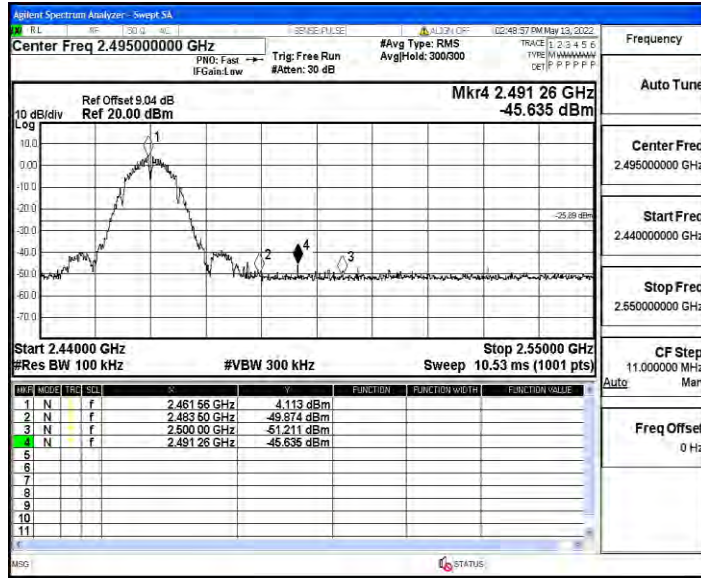
## Appendix E: Band edge measurements

### Test Result

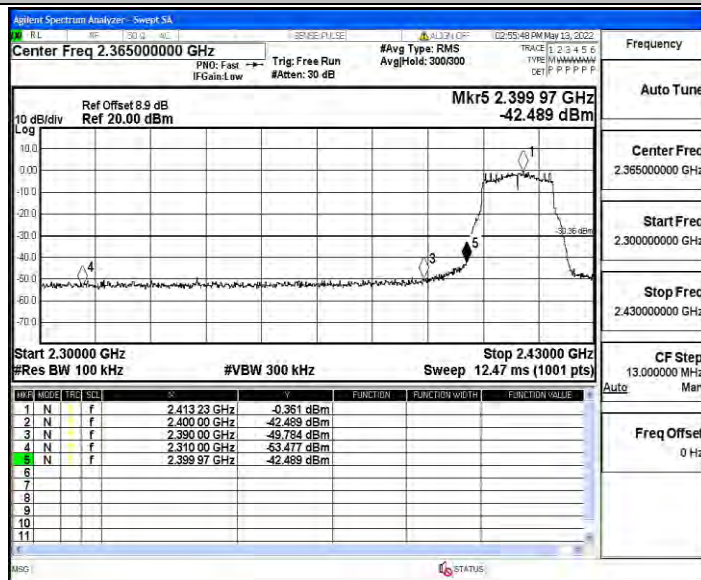
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.51	-40.16	≤-25.49	PASS
	Ant2	Low	2412	4.34	-38.98	≤-25.66	PASS
	Ant1	High	2462	3.59	-43.56	≤-26.41	PASS
	Ant2	High	2462	4.11	-45.64	≤-25.89	PASS
11G	Ant1	Low	2412	-0.36	-42.49	≤-30.36	PASS
	Ant2	Low	2412	-0.53	-41.73	≤-30.53	PASS
	Ant1	High	2462	-1.46	-48.74	≤-31.46	PASS
	Ant2	High	2462	-1.33	-48.7	≤-31.33	PASS
11AX20SISO	Ant1	Low	2412	-0.60	-40.8	≤-30.6	PASS
	Ant2	Low	2412	-0.84	-39.67	≤-30.84	PASS
	Ant1	High	2462	-1.60	-48.47	≤-31.6	PASS
	Ant2	High	2462	-1.31	-46.43	≤-31.31	PASS
11N20MIMO	Ant1	Low	2412	-0.58	-41.81	≤-30.58	PASS
	Ant2	Low	2412	-0.79	-40.16	≤-30.79	PASS
	Ant1	High	2462	-1.43	-48.77	≤-31.43	PASS
	Ant2	High	2462	-1.30	-47.72	≤-31.3	PASS

Test Graphs

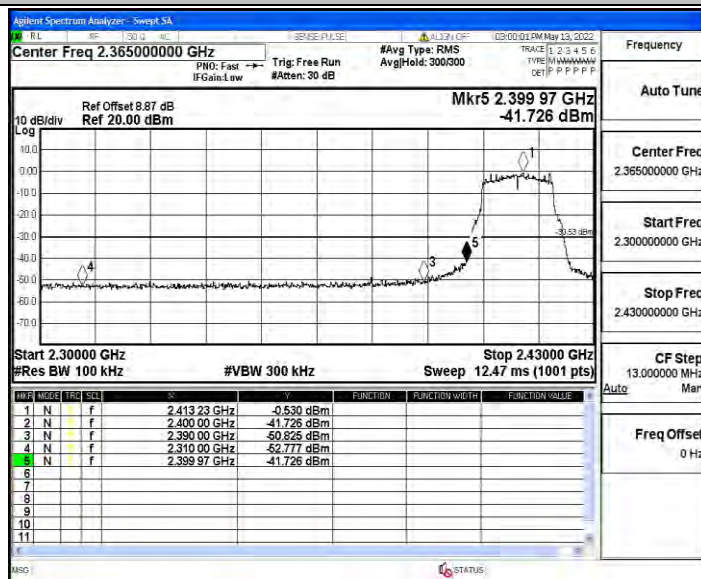




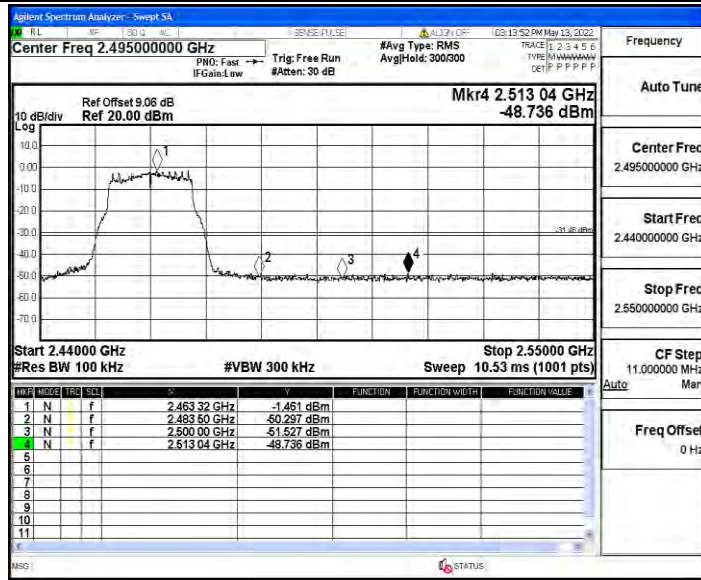
11G\_Ant1\_Low\_2412



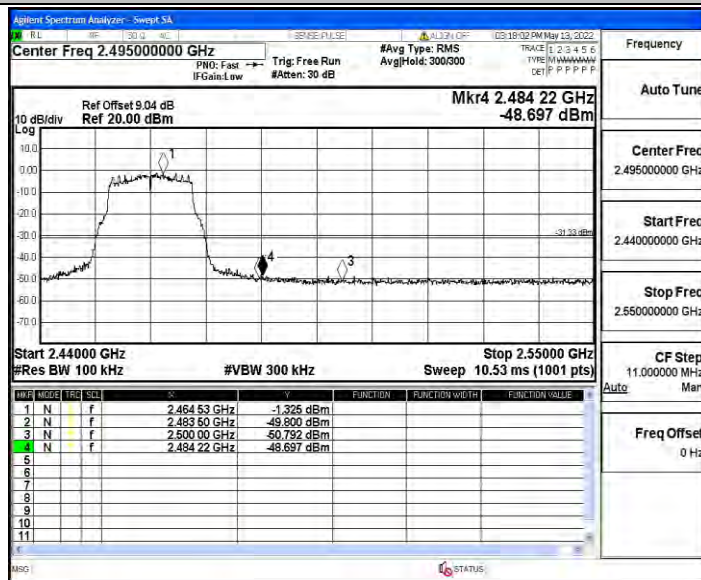
11G\_Ant2\_Low\_2412



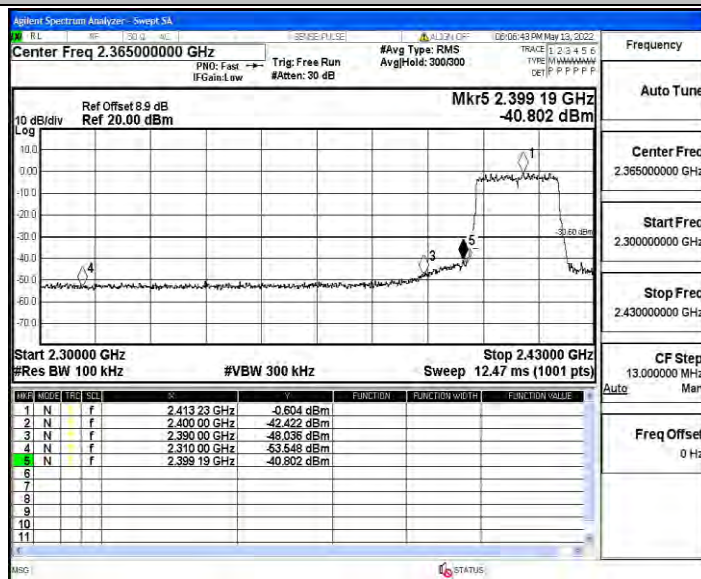
11G\_Ant1\_High\_2462



11G\_Ant2\_High\_2462

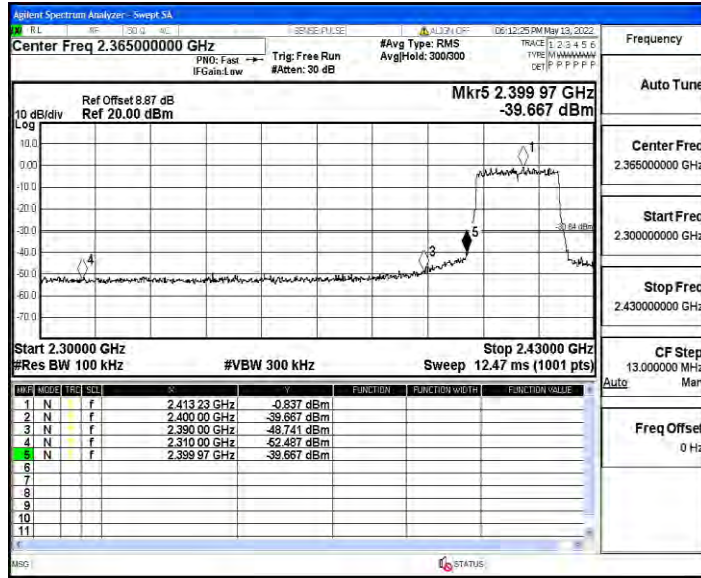


11AX20SISO\_Ant1\_Low\_2412

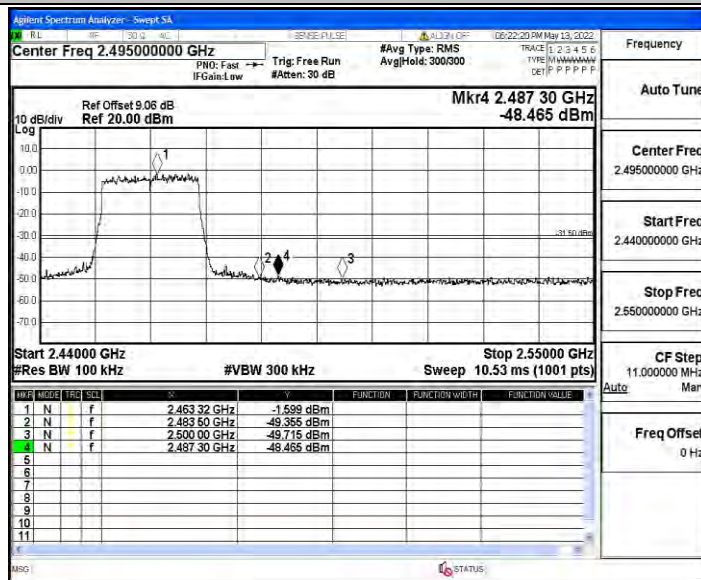


11AX20SISO\_Ant2\_Low\_2412

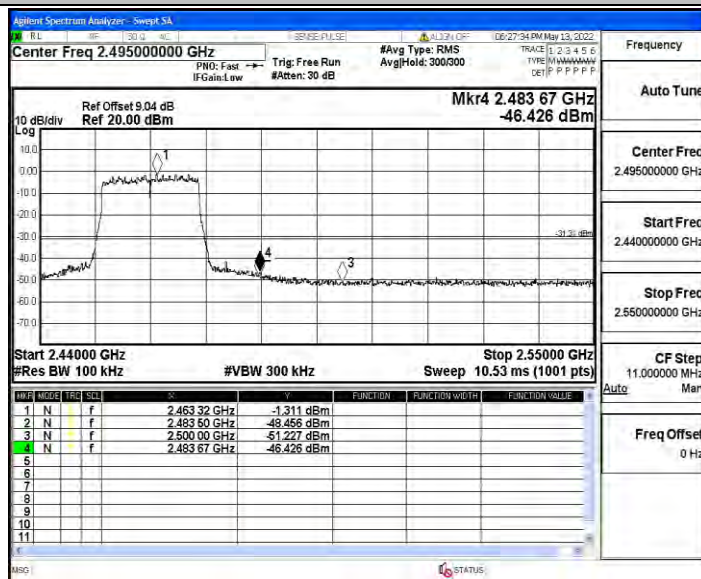




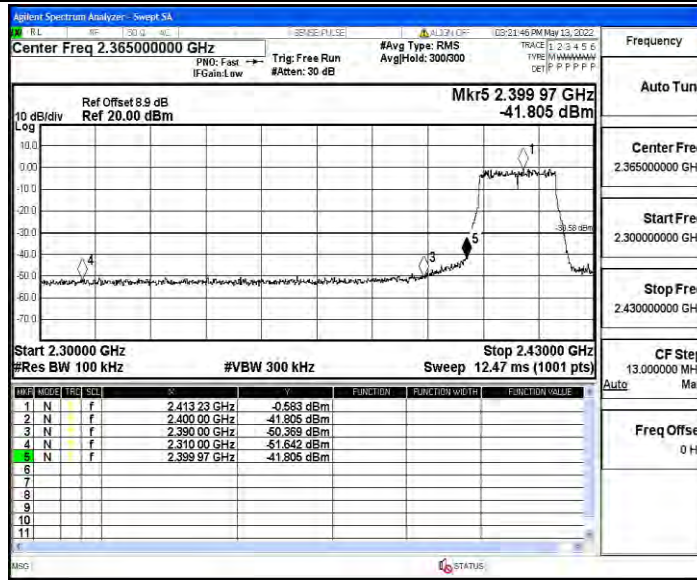
11AX20SISO\_Ant1\_High\_2462



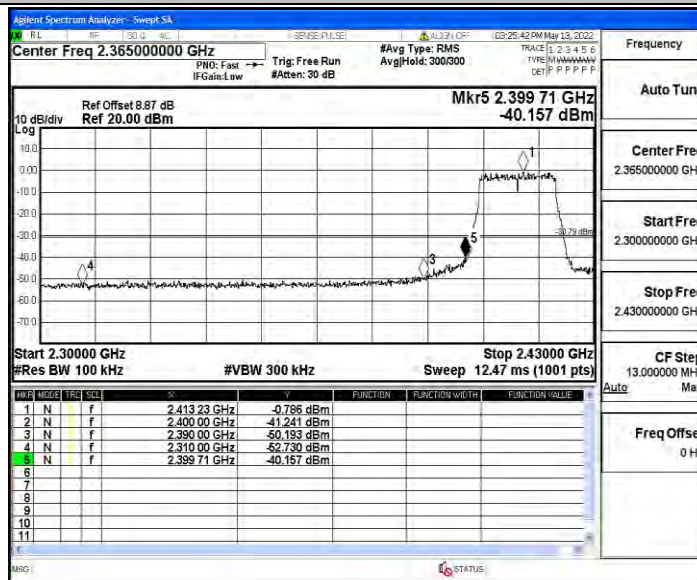
11AX20SISO\_Ant2\_High\_2462



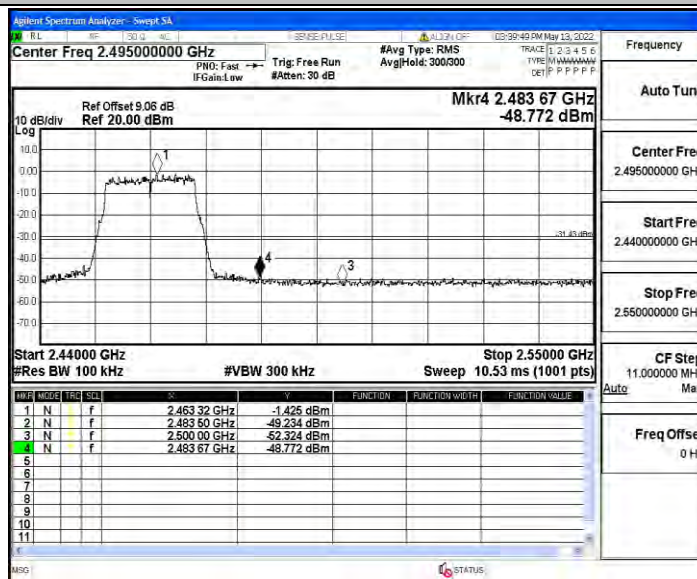
11N20MIMO\_Ant1\_Low\_2412



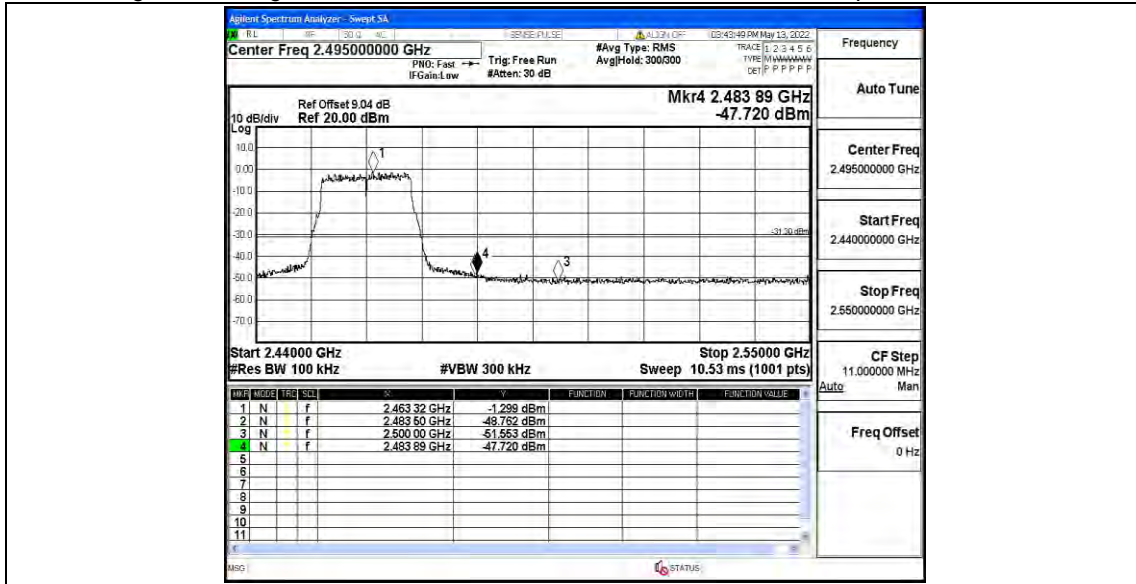
11N20MIMO\_Ant2\_Low\_2412



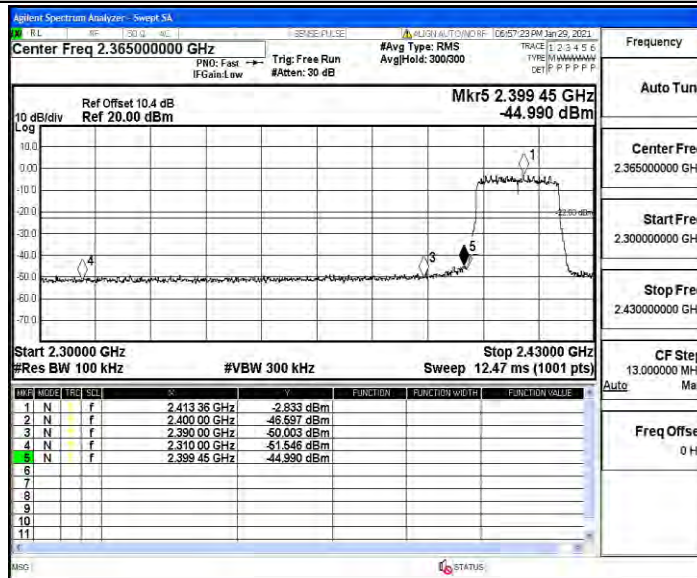
11N20MIMO\_Ant1\_High\_2462



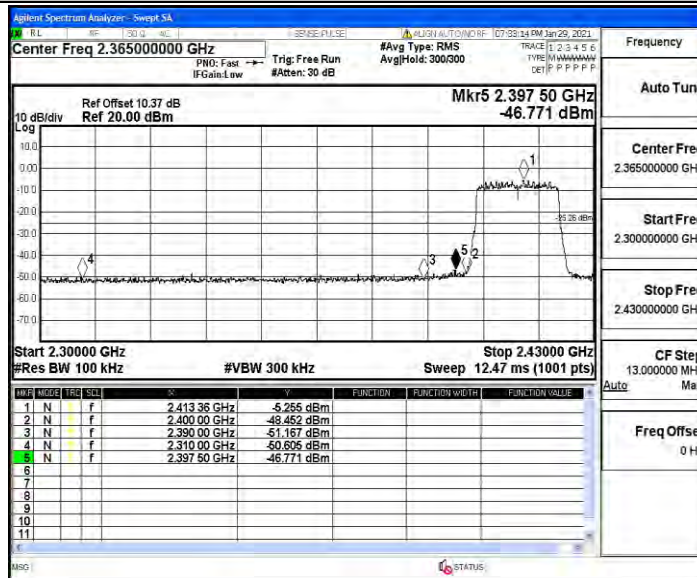
11N20MIMO\_Ant2\_High\_2462



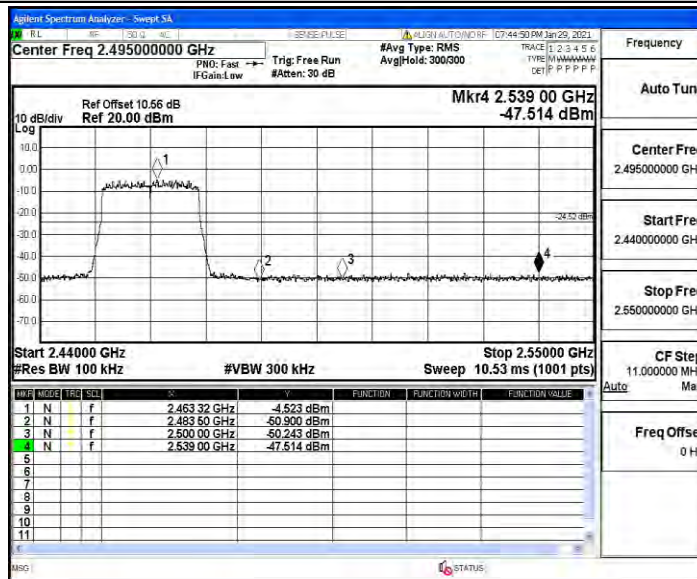
11AX20MIMO\_Ant1\_Low\_2412



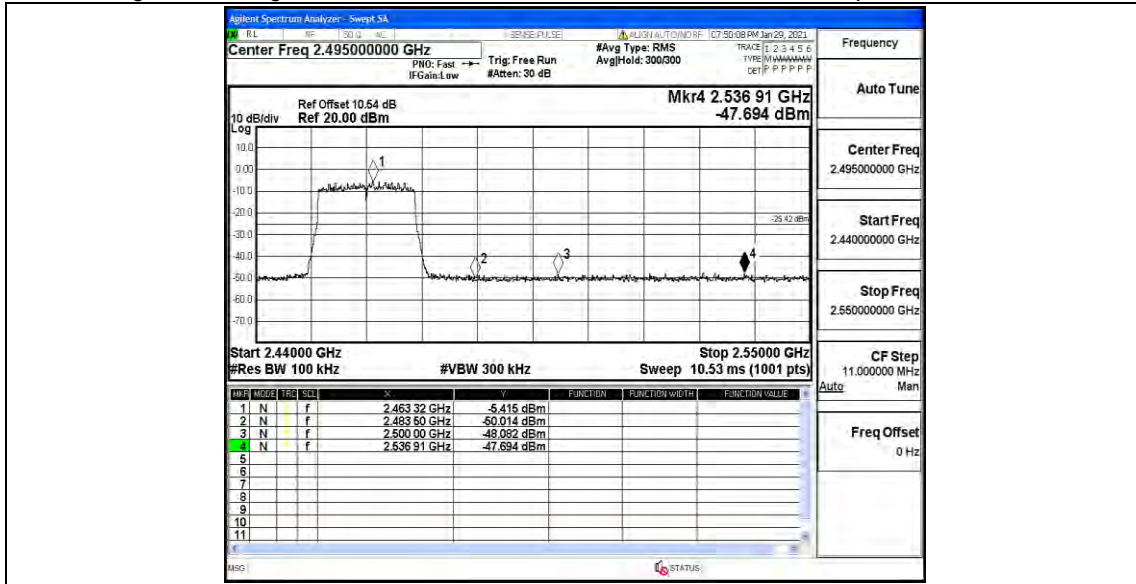
11AX20MIMO\_Ant2\_Low\_2412



11AX20MIMO\_Ant1\_High\_2462



11AX20MIMO\_Ant2\_High\_2462



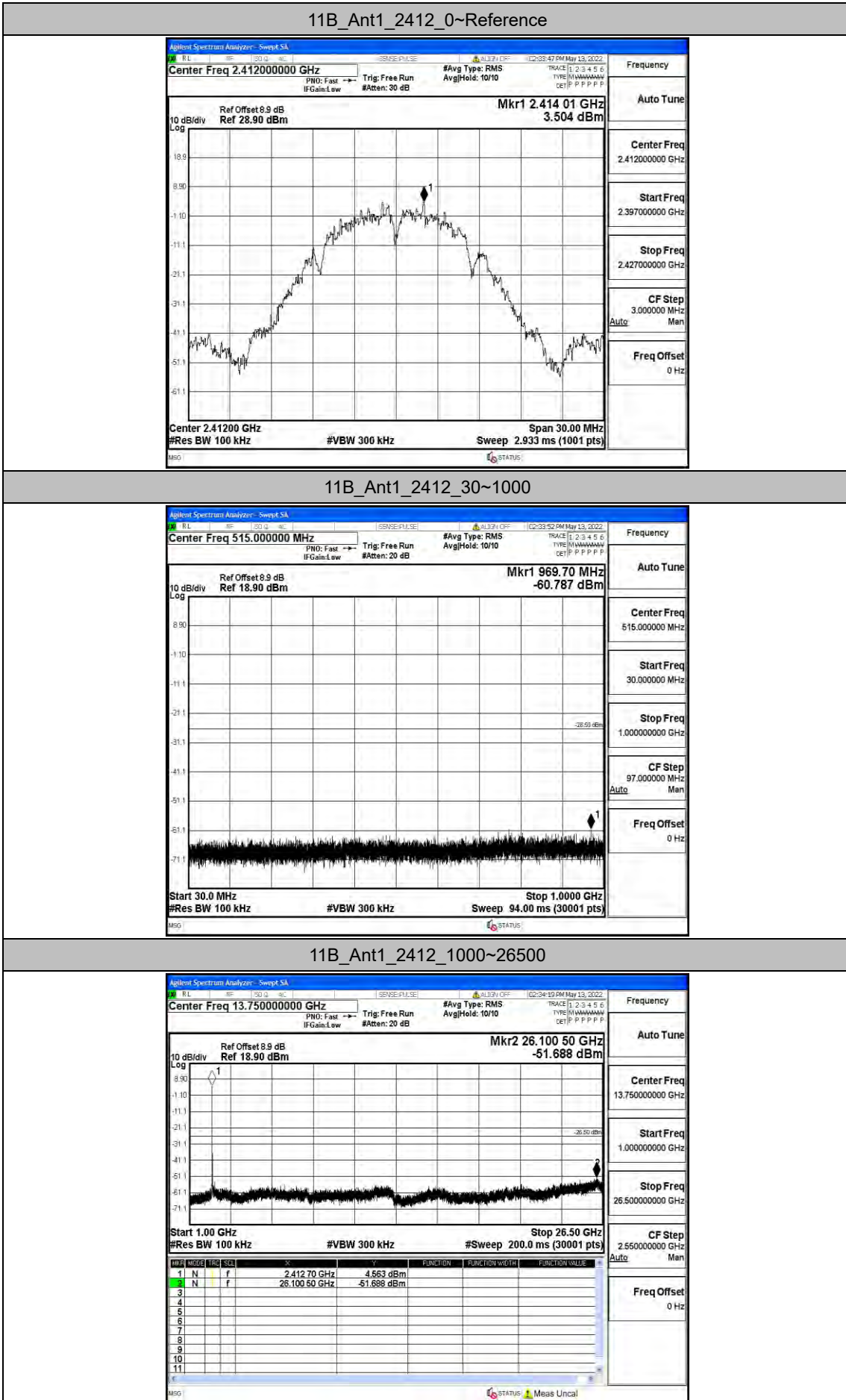
## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict	
11B	Ant1	2412	Reference	3.50	3.50	---	PASS	
			30~1000	3.50	-60.79	≤-26.5	PASS	
			1000~26500	3.50	-51.69	≤-26.5	PASS	
	Ant2	2412	Reference	3.83	3.83	---	PASS	
			30~1000	3.83	-61.39	≤-26.17	PASS	
			1000~26500	3.83	-51.32	≤-26.17	PASS	
	Ant1	2437	Reference	2.72	2.72	---	PASS	
			30~1000	2.72	-61.6	≤-27.28	PASS	
			1000~26500	2.72	-51.34	≤-27.28	PASS	
	Ant2	2437	Reference	3.24	3.24	---	PASS	
			30~1000	3.24	-61.31	≤-26.76	PASS	
			1000~26500	3.24	-51.81	≤-26.76	PASS	
	Ant1	2462	Reference	2.19	2.19	---	PASS	
			30~1000	2.19	-61.71	≤-27.81	PASS	
			1000~26500	2.19	-50.79	≤-27.81	PASS	
	Ant2	2462	Reference	2.43	2.43	---	PASS	
			30~1000	2.43	-61.45	≤-27.57	PASS	
			1000~26500	2.43	-51.54	≤-27.57	PASS	
	11G	Ant1	2412	Reference	-1.84	-1.84	---	PASS
				30~1000	-1.84	-61.32	≤-31.84	PASS
				1000~26500	-1.84	-51.5	≤-31.84	PASS
		Ant2	2412	Reference	-2.58	-2.58	---	PASS
				30~1000	-2.58	-61.53	≤-32.58	PASS
				1000~26500	-2.58	-51.37	≤-32.58	PASS
Ant1		2437	Reference	-2.63	-2.63	---	PASS	
			30~1000	-2.63	-60.96	≤-32.63	PASS	
			1000~26500	-2.63	-51.48	≤-32.63	PASS	
Ant2		2437	Reference	-2.32	-2.32	---	PASS	
			30~1000	-2.32	-61.09	≤-32.32	PASS	
			1000~26500	-2.32	-51.34	≤-32.32	PASS	
Ant1		2462	Reference	-2.92	-2.92	---	PASS	
			30~1000	-2.92	-61.81	≤-32.92	PASS	
			1000~26500	-2.92	-52.14	≤-32.92	PASS	
Ant2		2462	Reference	-2.89	-2.89	---	PASS	
			30~1000	-2.89	-61.27	≤-32.89	PASS	
			1000~26500	-2.89	-49.93	≤-32.89	PASS	
11AX20SISO		Ant1	2412	Reference	-0.95	-0.95	---	PASS
				30~1000	-0.95	-60.61	≤-30.95	PASS
				1000~26500	-0.95	-50.82	≤-30.95	PASS
		Ant2	2412	Reference	-2.19	-2.19	---	PASS

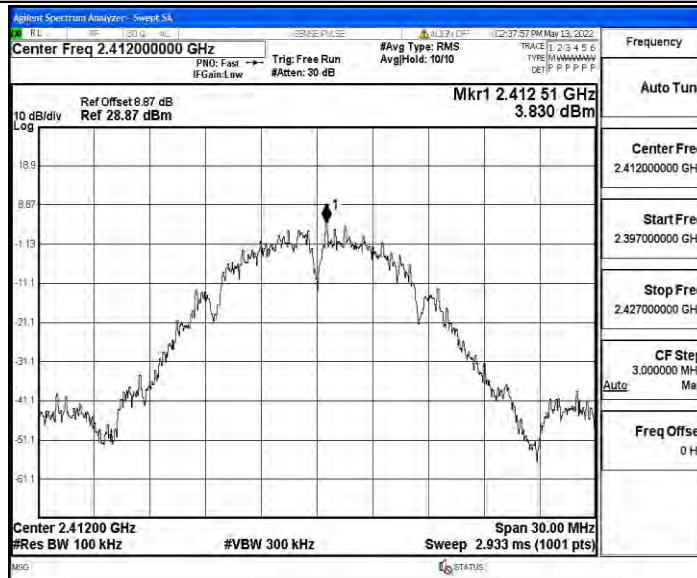
			30~1000	-2.19	-62.03	$\leq -32.19$	PASS
			1000~26500	-2.19	-51.25	$\leq -32.19$	PASS
	Ant1	2437	Reference	-2.23	-2.23	---	PASS
			30~1000	-2.23	-61.95	$\leq -32.23$	PASS
	Ant2	2437	1000~26500	-2.23	-51.37	$\leq -32.23$	PASS
			Reference	-1.28	-1.28	---	PASS
			30~1000	-1.28	-61.64	$\leq -31.28$	PASS
	Ant1	2462	1000~26500	-1.28	-51.38	$\leq -31.28$	PASS
			Reference	-2.51	-2.51	---	PASS
			30~1000	-2.51	-61.59	$\leq -32.51$	PASS
	Ant2	2462	1000~26500	-2.51	-51.74	$\leq -32.51$	PASS
			Reference	-1.69	-1.69	---	PASS
30~1000			-1.69	-61.2	$\leq -31.69$	PASS	
11N20MIMO	Ant1	2412	1000~26500	-1.69	-51.63	$\leq -31.69$	PASS
			Reference	-0.97	-0.97	---	PASS
			30~1000	-0.97	-61.48	$\leq -30.97$	PASS
	Ant2	2412	1000~26500	-0.97	-51.5	$\leq -30.97$	PASS
			Reference	-1.84	-1.84	---	PASS
			30~1000	-1.84	-60.81	$\leq -31.84$	PASS
	Ant1	2437	1000~26500	-1.84	-50.98	$\leq -31.84$	PASS
			Reference	-1.97	-1.97	---	PASS
			30~1000	-1.97	-60.67	$\leq -31.97$	PASS
	Ant2	2437	1000~26500	-1.97	-51.53	$\leq -31.97$	PASS
			Reference	-1.35	-1.35	---	PASS
			30~1000	-1.35	-61.16	$\leq -31.35$	PASS
	Ant1	2462	1000~26500	-1.35	-50.66	$\leq -31.35$	PASS
			Reference	-1.95	-1.95	---	PASS
			30~1000	-1.95	-61.25	$\leq -31.95$	PASS
	Ant2	2462	1000~26500	-1.95	-50.77	$\leq -31.95$	PASS
			Reference	-1.73	-1.73	---	PASS
			30~1000	-1.73	-61.32	$\leq -31.73$	PASS
			1000~26500	-1.73	-50.75	$\leq -31.73$	PASS

Test Graphs

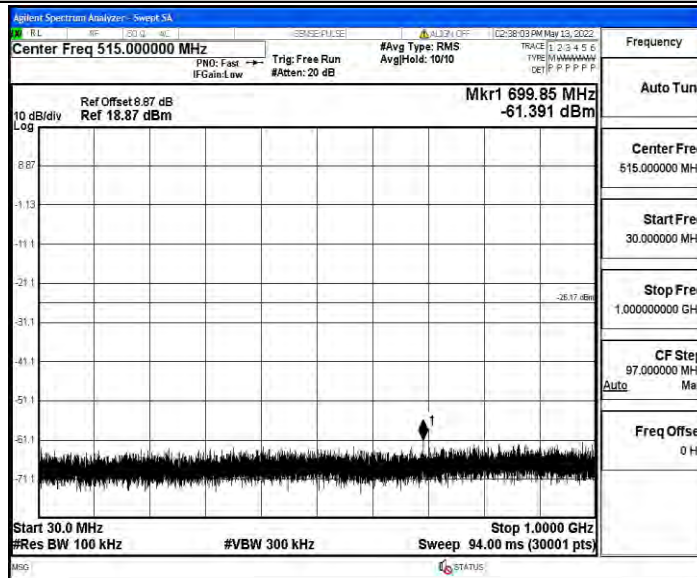




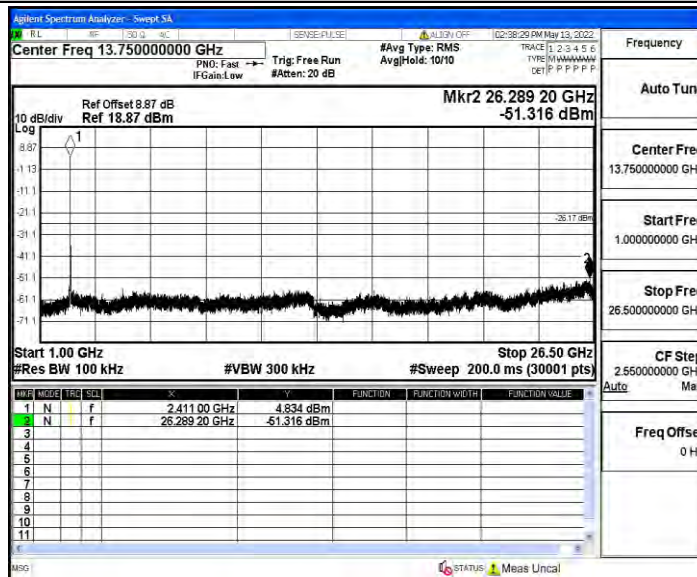
11B\_Ant2\_2412\_0~Reference



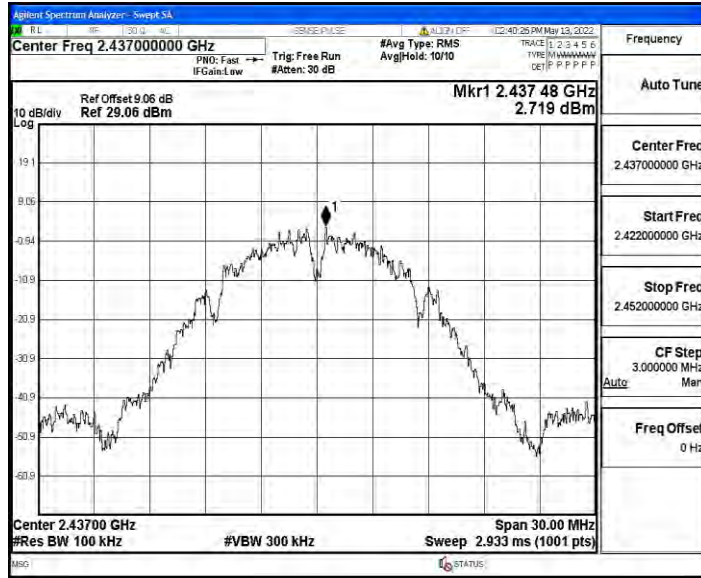
11B\_Ant2\_2412\_30~1000



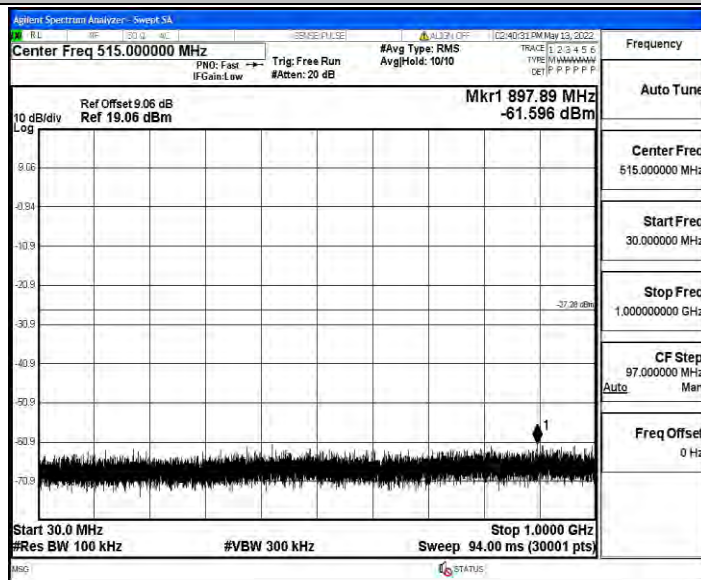
11B\_Ant2\_2412\_1000~26500



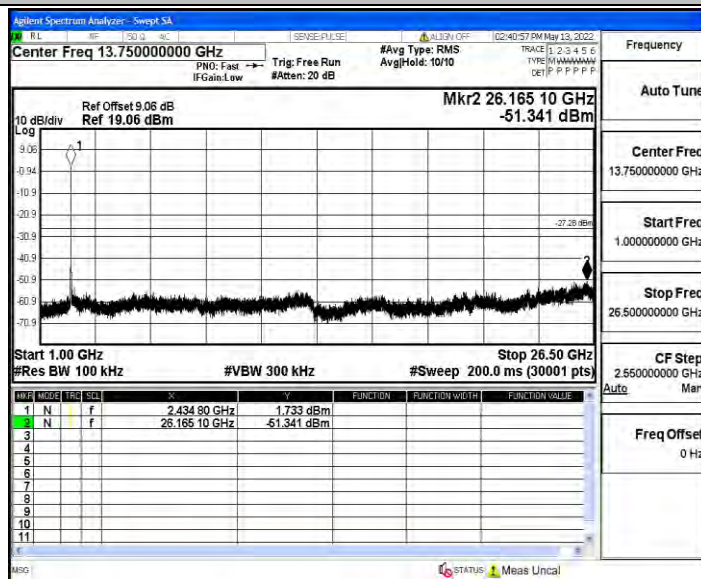
11B\_Ant1\_2437\_0~Reference



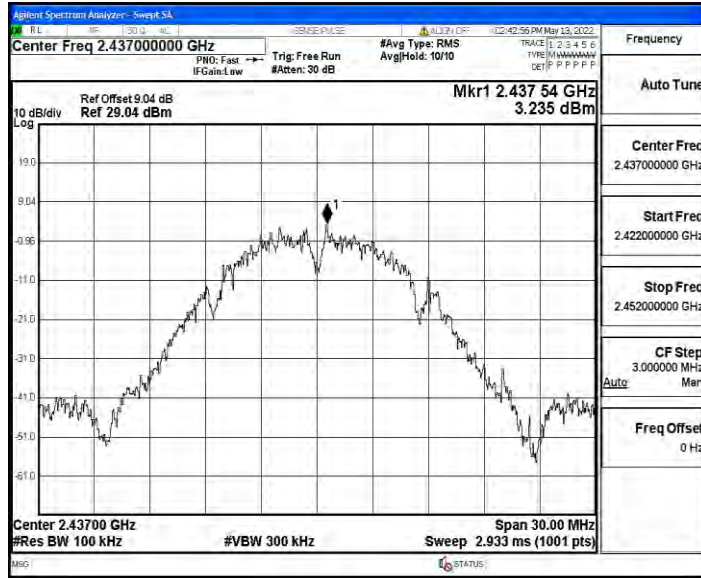
11B\_Ant1\_2437\_30~1000



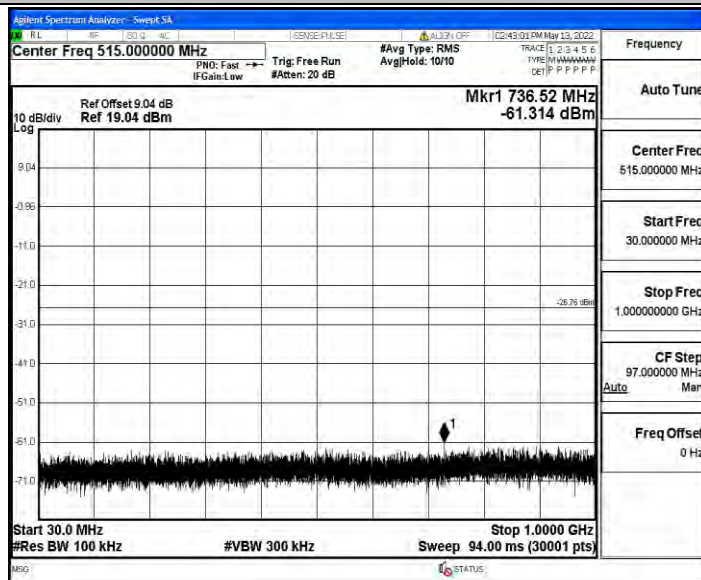
11B\_Ant1\_2437\_1000~26500



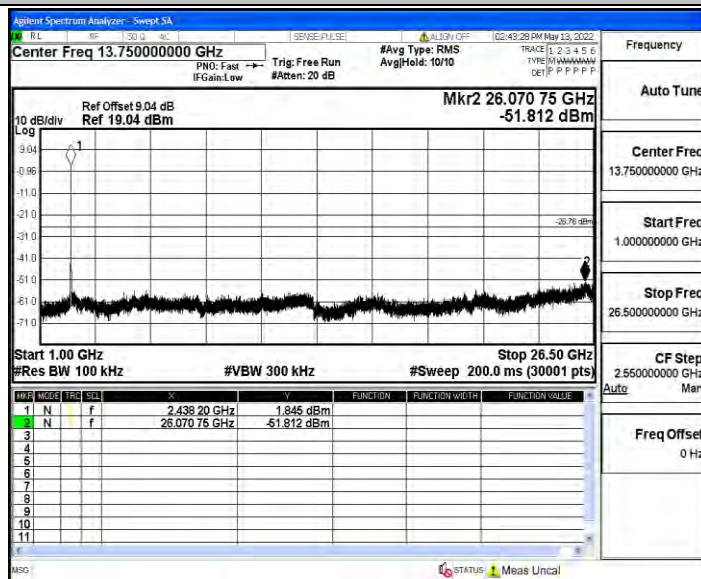
11B\_Ant2\_2437\_0~Reference



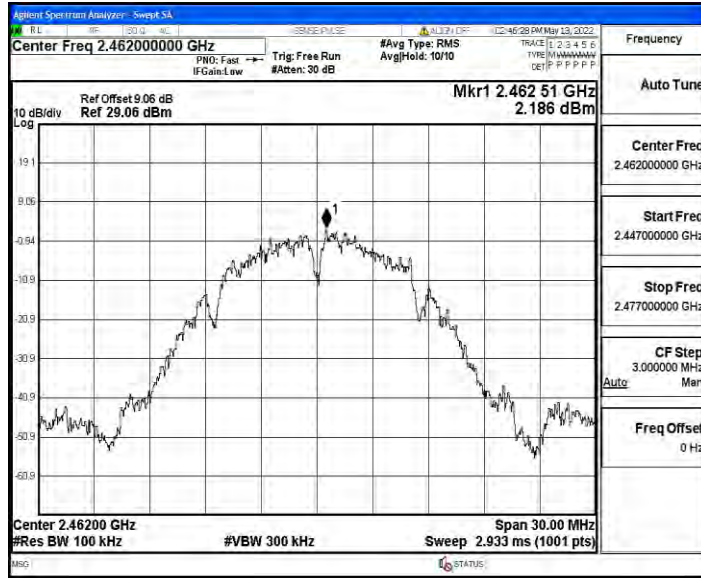
11B\_Ant2\_2437\_30~1000



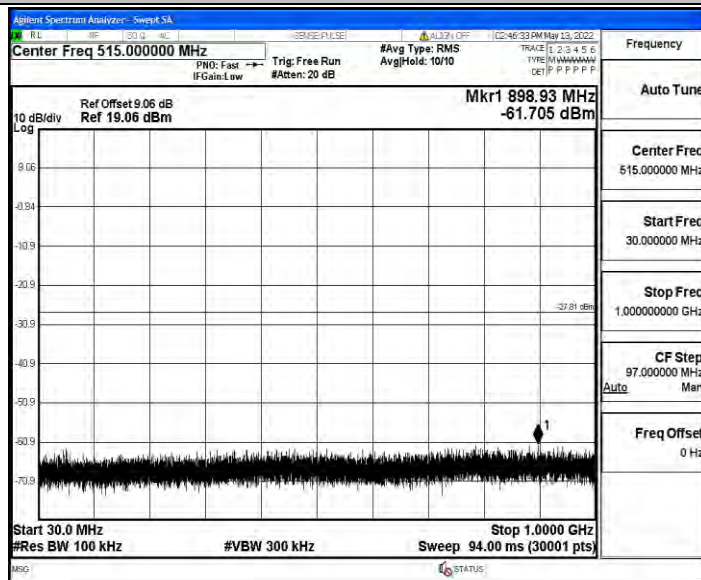
11B\_Ant2\_2437\_1000~26500



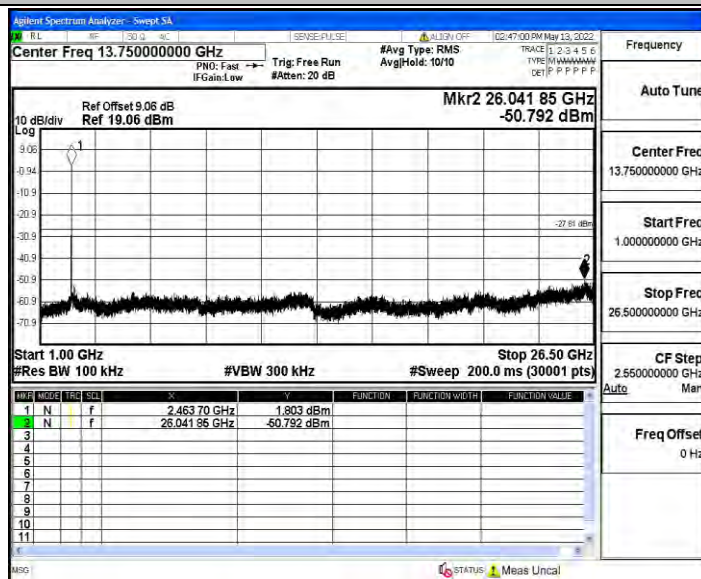
11B\_Ant1\_2462\_0~Reference



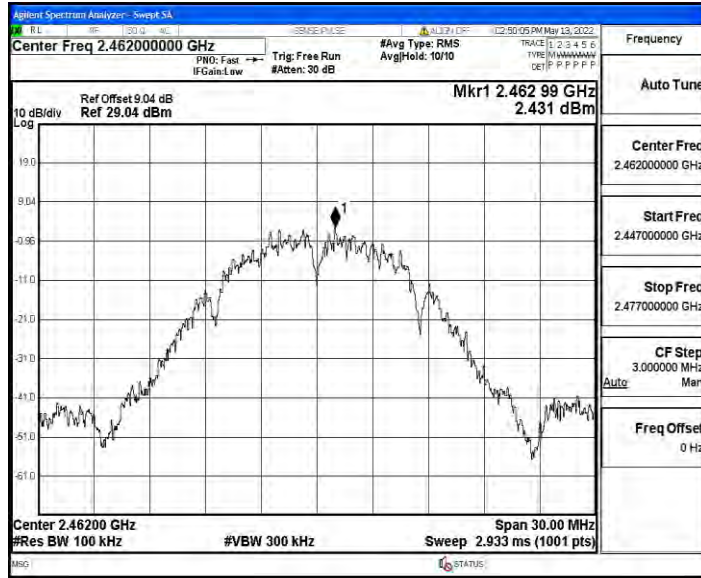
11B\_Ant1\_2462\_30~1000



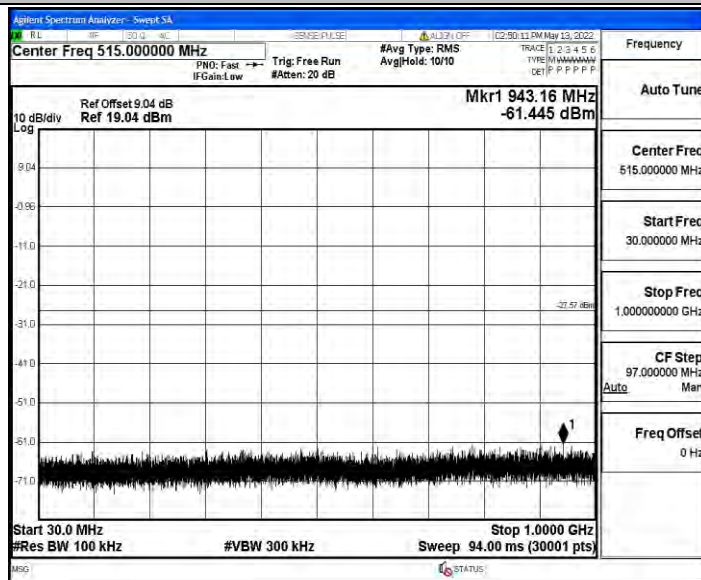
11B\_Ant1\_2462\_1000~26500



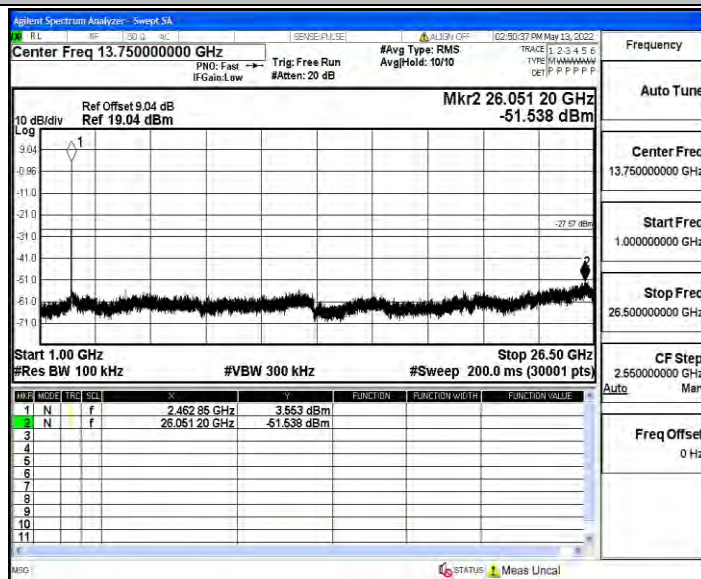
11B\_Ant2\_2462\_0~Reference



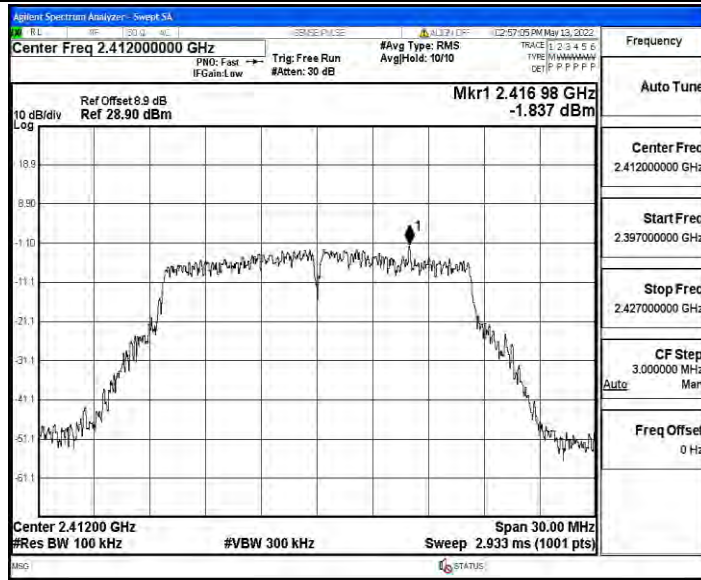
11B\_Ant2\_2462\_30~1000



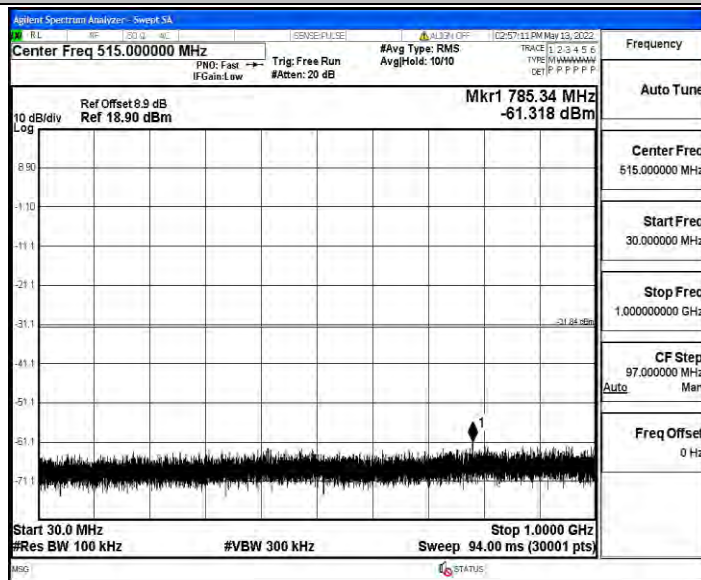
11B\_Ant2\_2462\_1000~26500



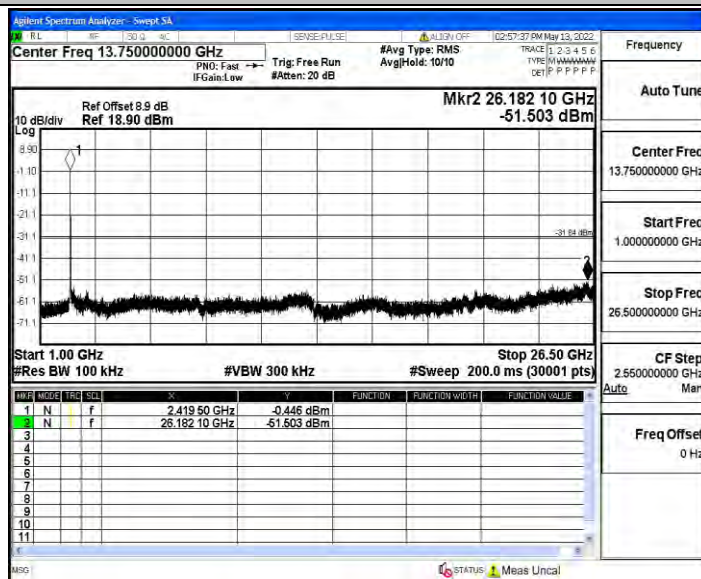
11G\_Ant1\_2412\_0~Reference



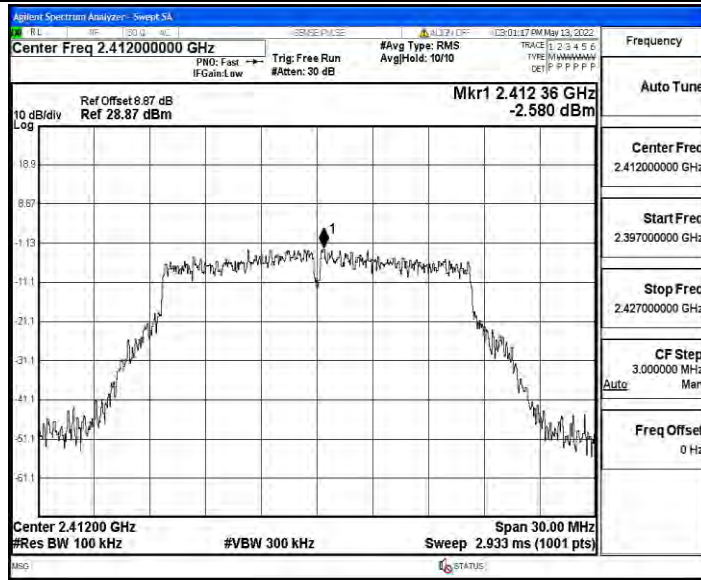
11G\_Ant1\_2412\_30~1000



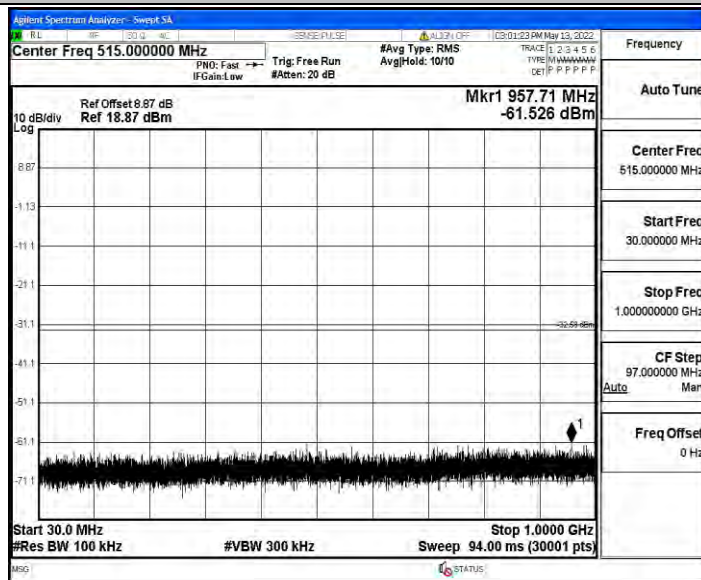
11G\_Ant1\_2412\_1000~26500



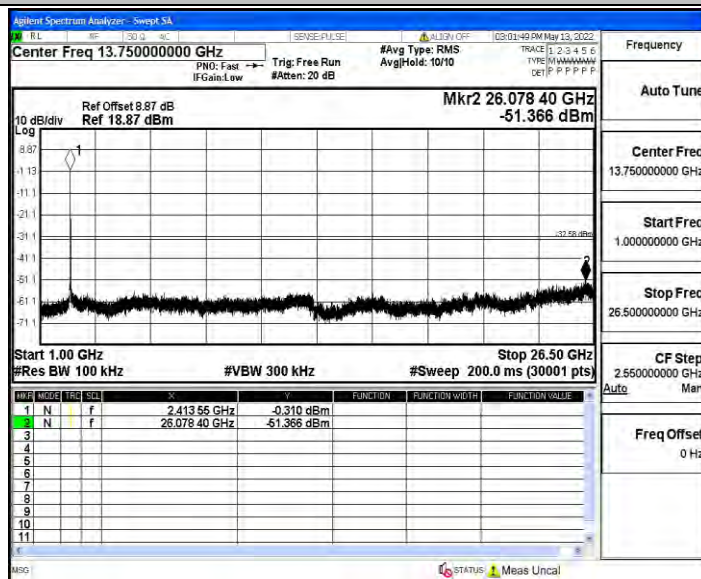
11G\_Ant2\_2412\_0~Reference



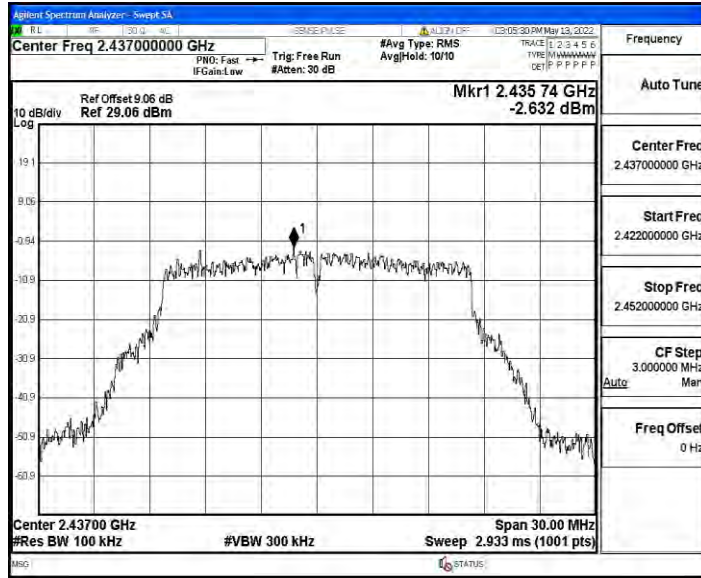
11G\_Ant2\_2412\_30~1000



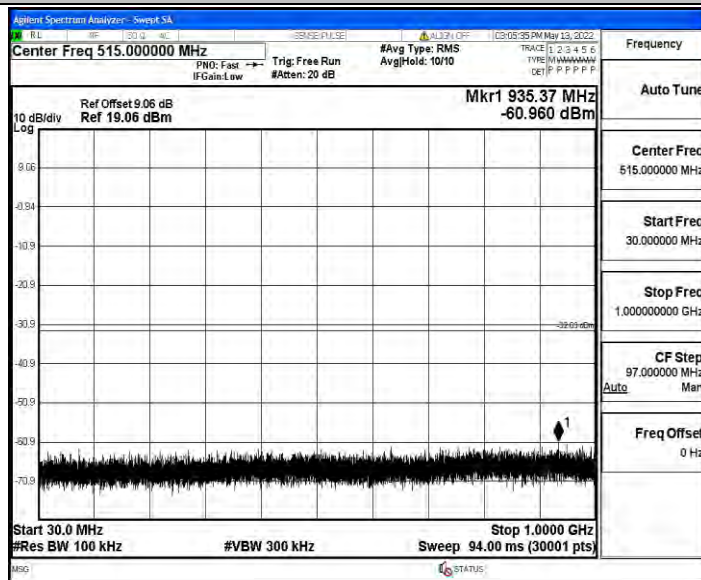
11G\_Ant2\_2412\_1000~26500



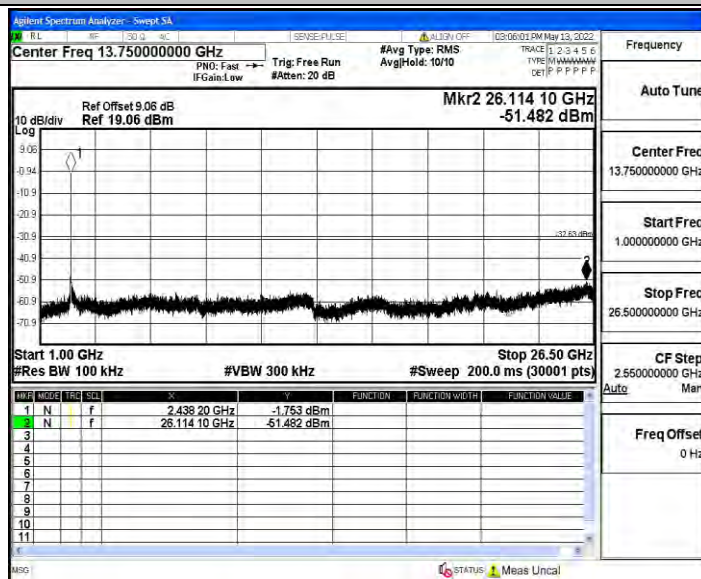
11G\_Ant1\_2437\_0~Reference



11G\_Ant1\_2437\_30~1000

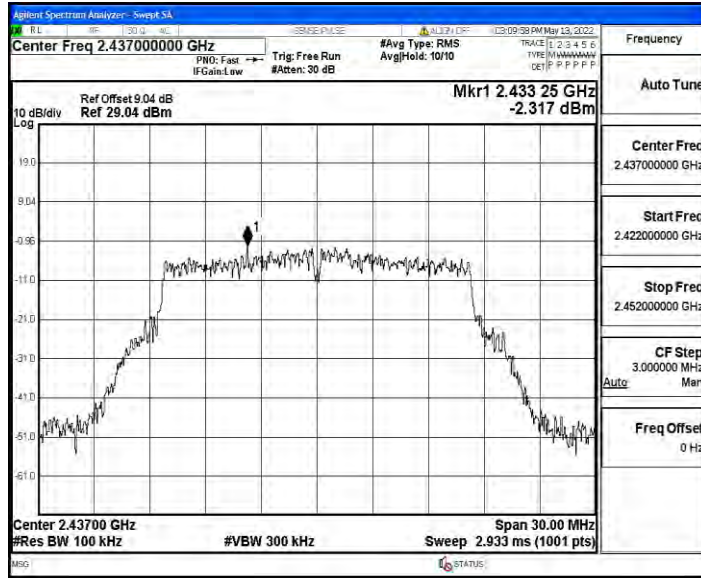


11G\_Ant1\_2437\_1000~26500

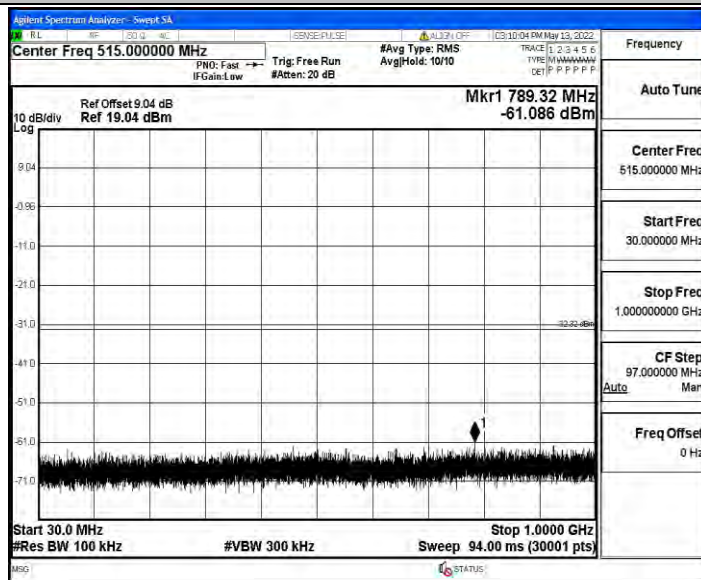


11G\_Ant2\_2437\_0~Reference

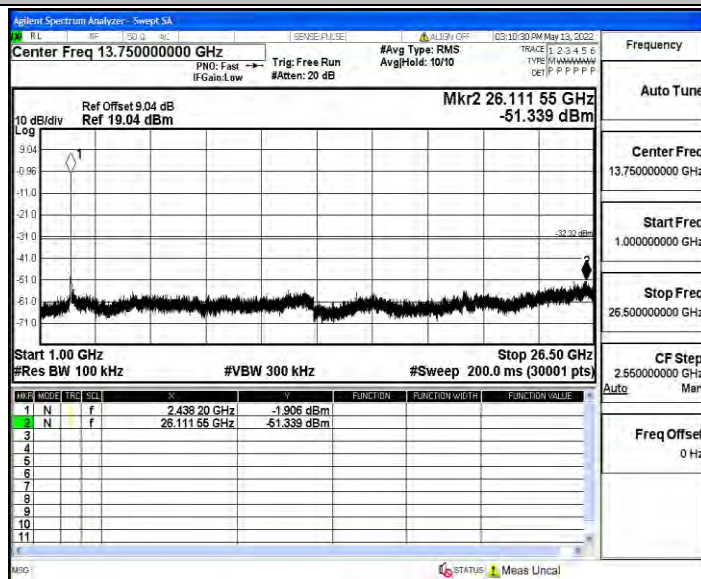




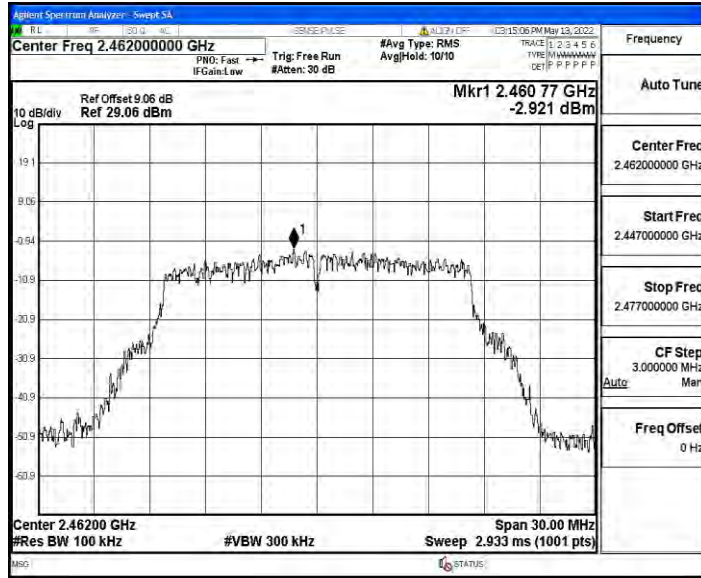
11G\_Ant2\_2437\_30~1000



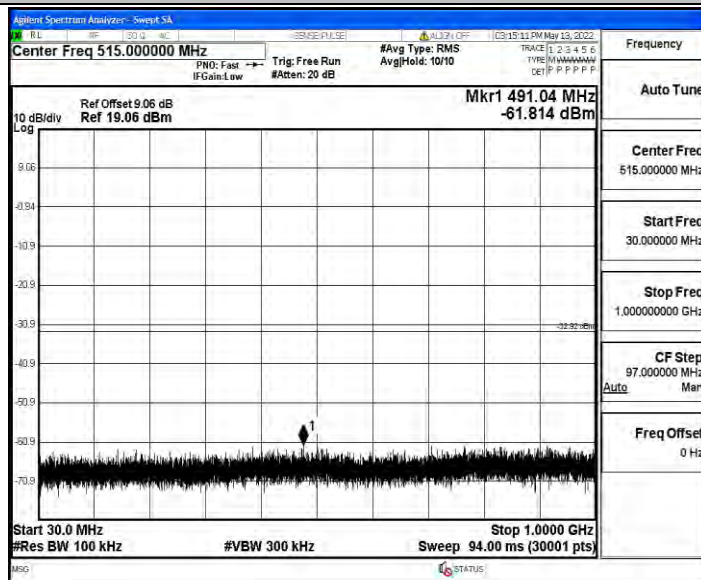
11G\_Ant2\_2437\_1000~26500



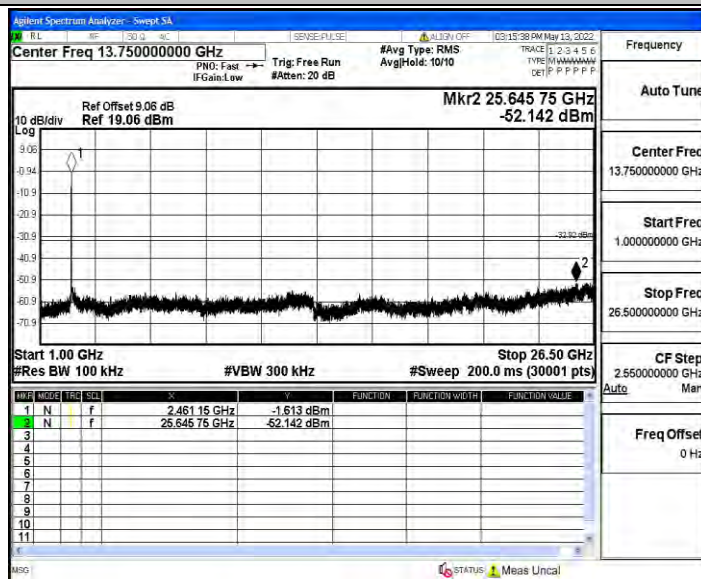
11G\_Ant1\_2462\_0~Reference



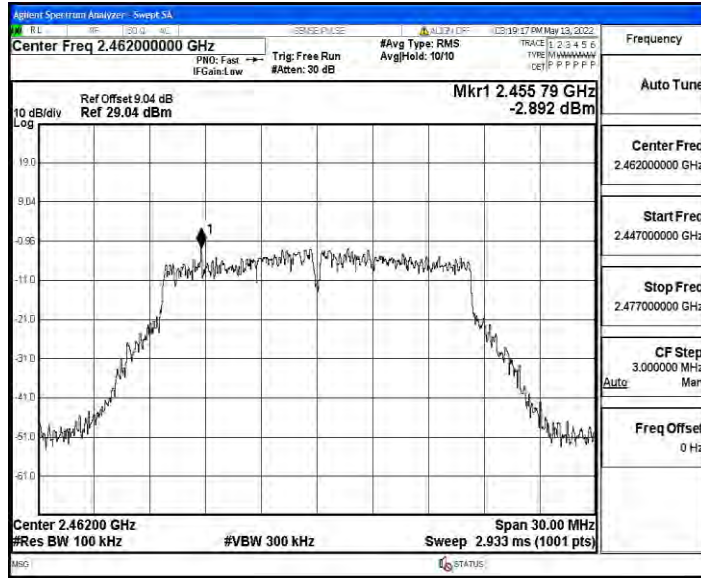
11G\_Ant1\_2462\_30~1000



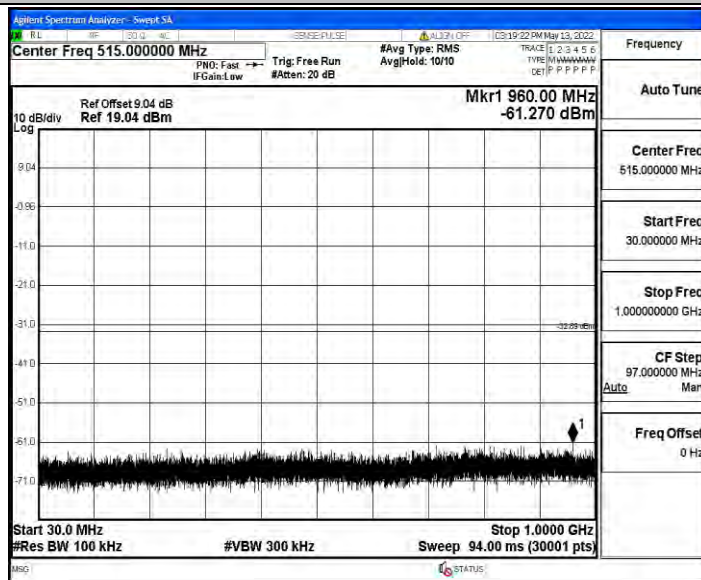
11G\_Ant1\_2462\_1000~26500



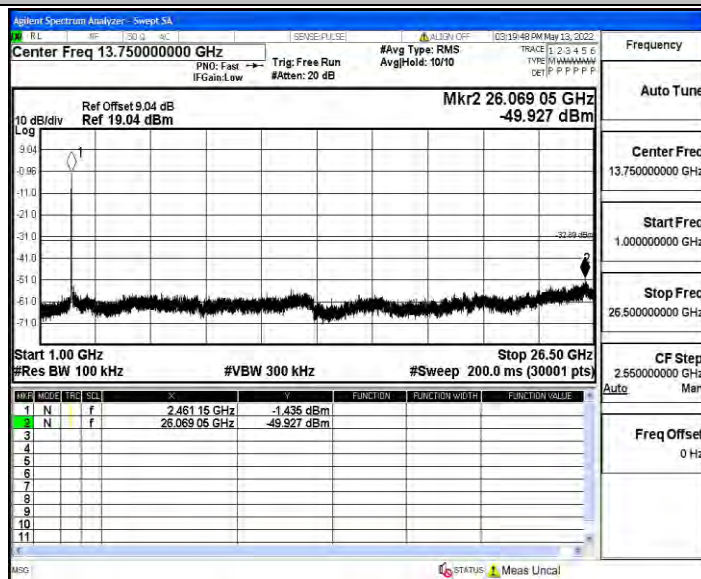
11G\_Ant2\_2462\_0~Reference



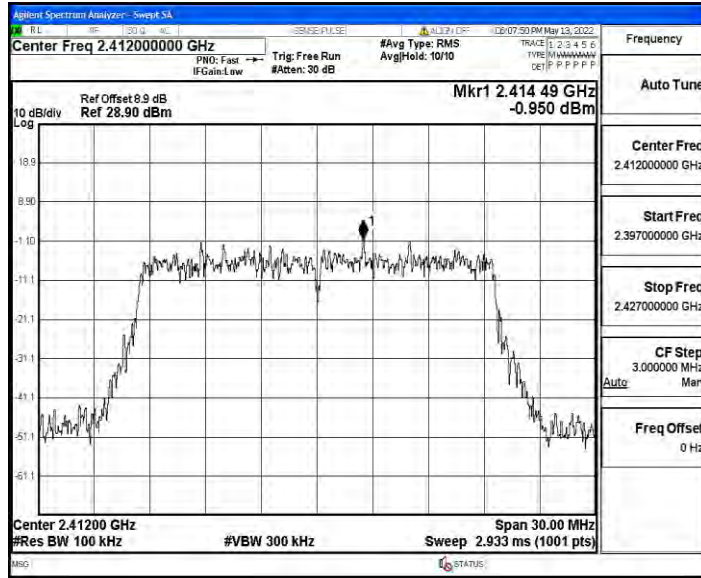
11G\_Ant2\_2462\_30~1000



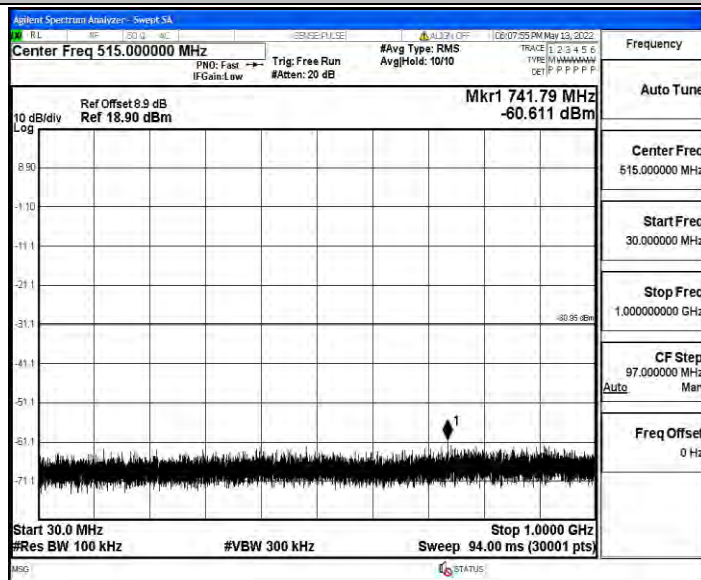
11G\_Ant2\_2462\_1000~26500



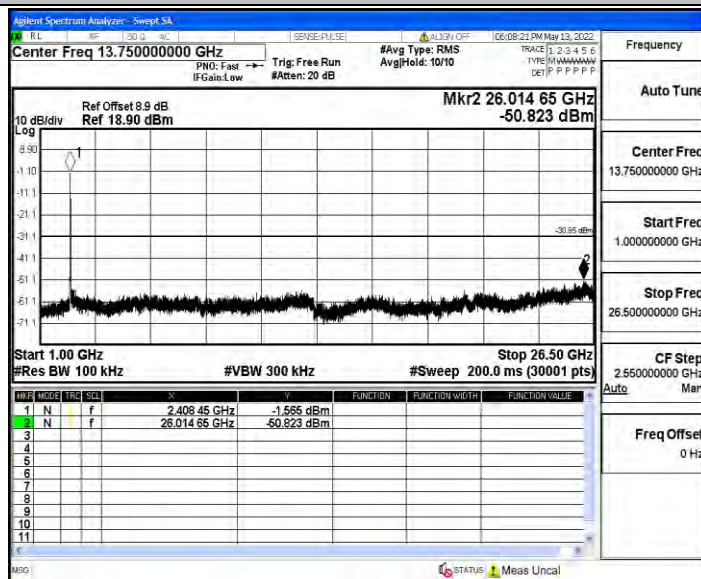
11AX20SISO\_Ant1\_2412\_0~Reference



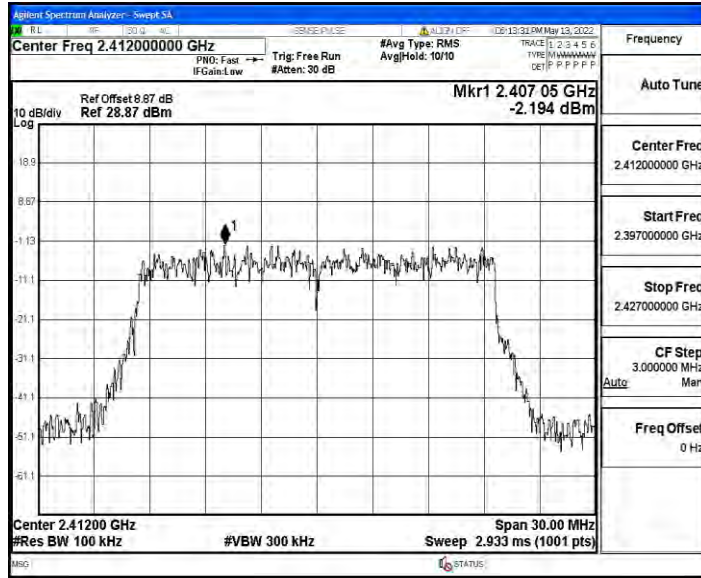
11AX20SISO\_Ant1\_2412\_30~1000



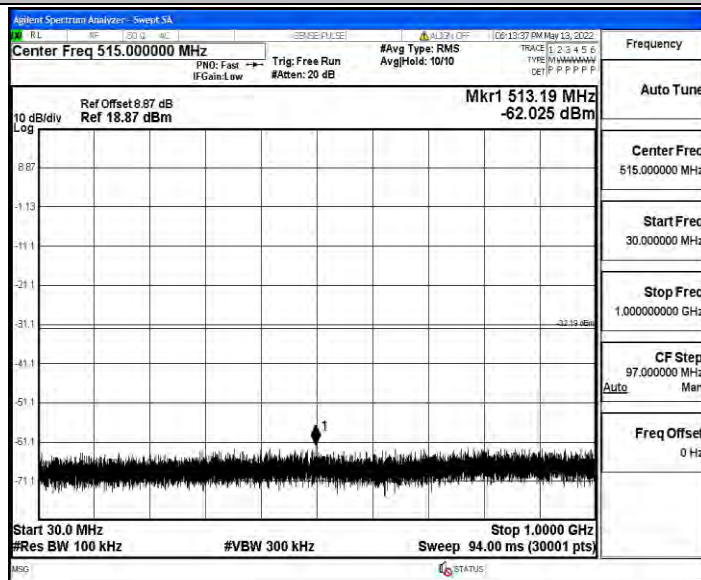
11AX20SISO\_Ant1\_2412\_1000~26500



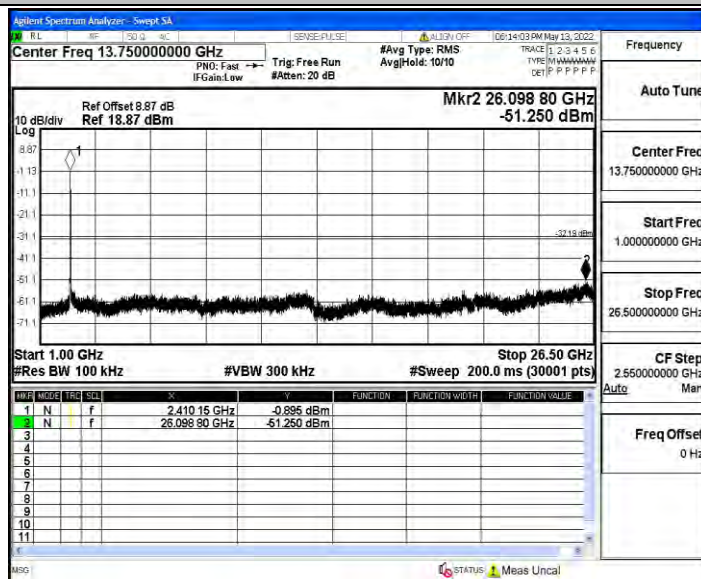
11AX20SISO\_Ant2\_2412\_0~Reference



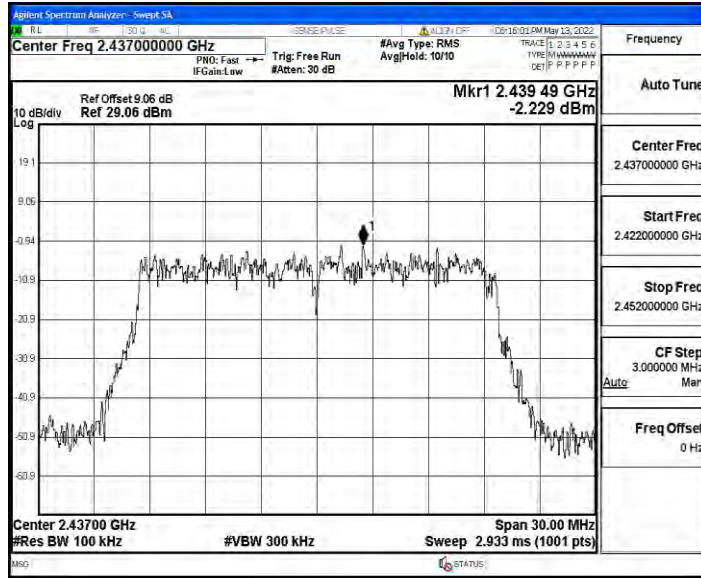
11AX20SISO\_Ant2\_2412\_30~1000



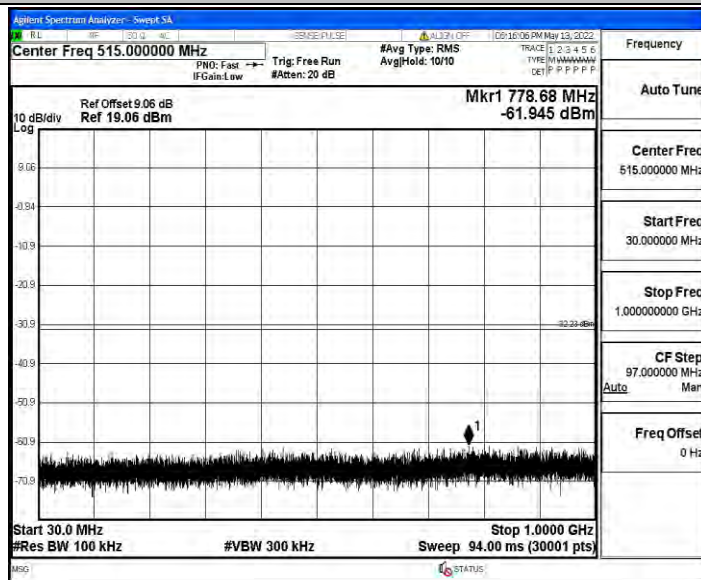
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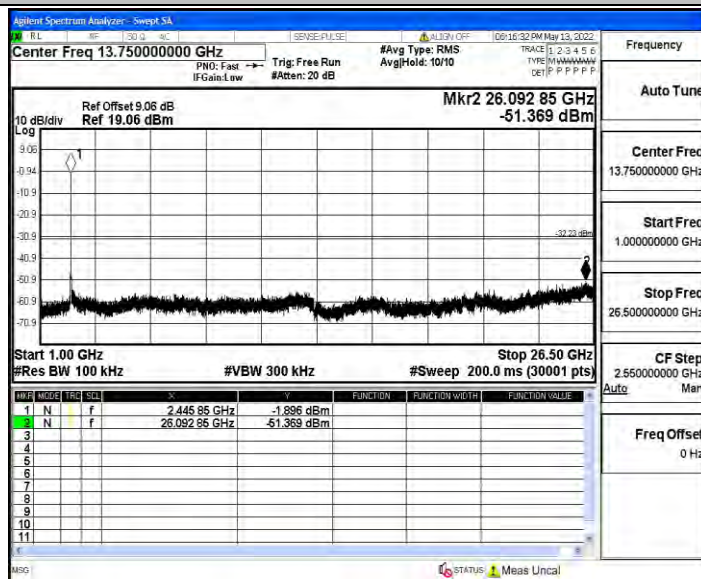
11AX20SISO\_Ant1\_2437\_0~Reference



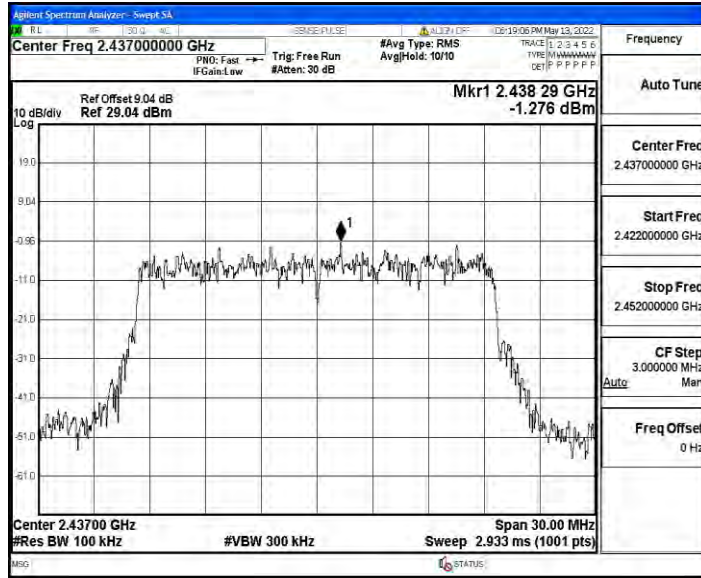
11AX20SISO\_Ant1\_2437\_30~1000



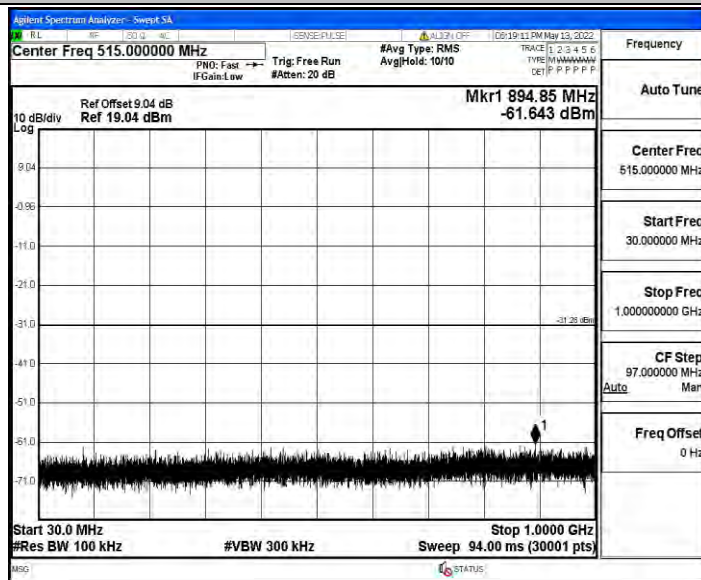
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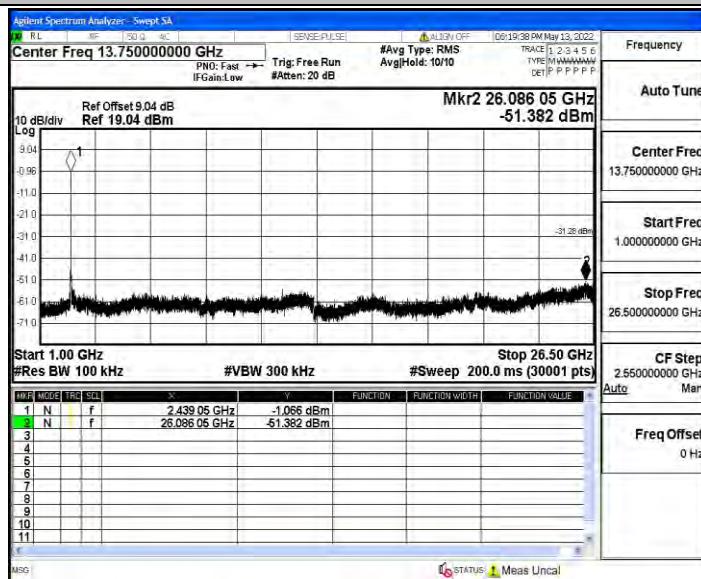
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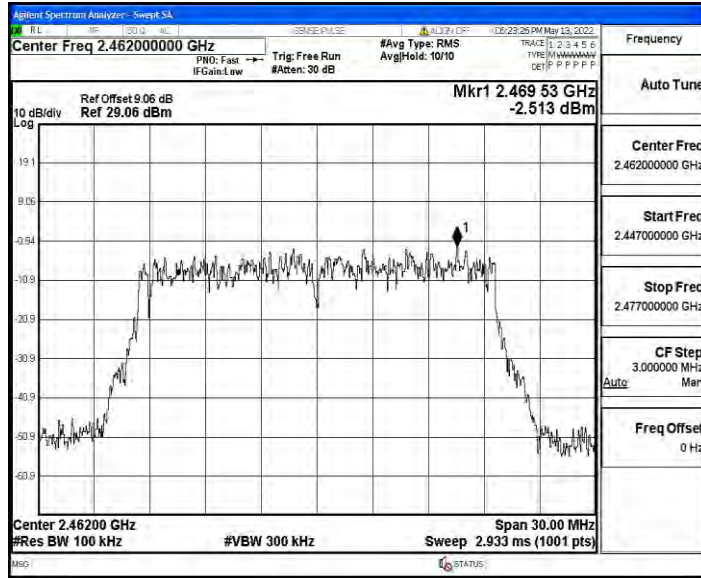
11AX20SISO\_Ant2\_2437\_30~1000



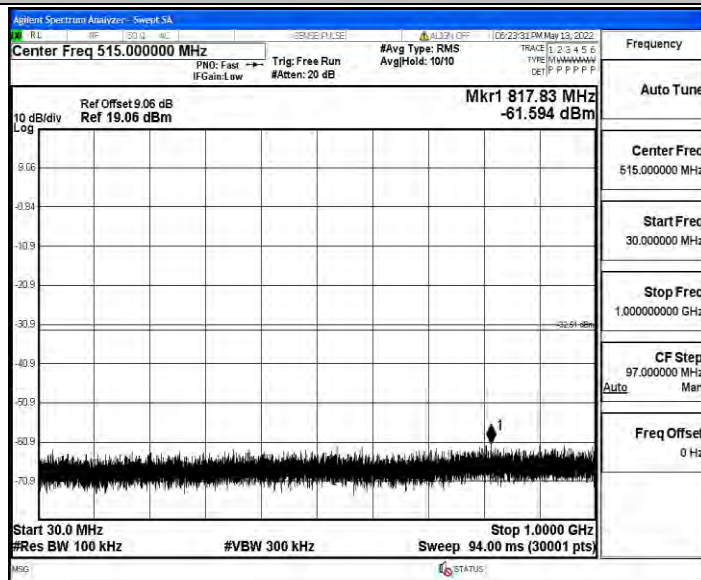
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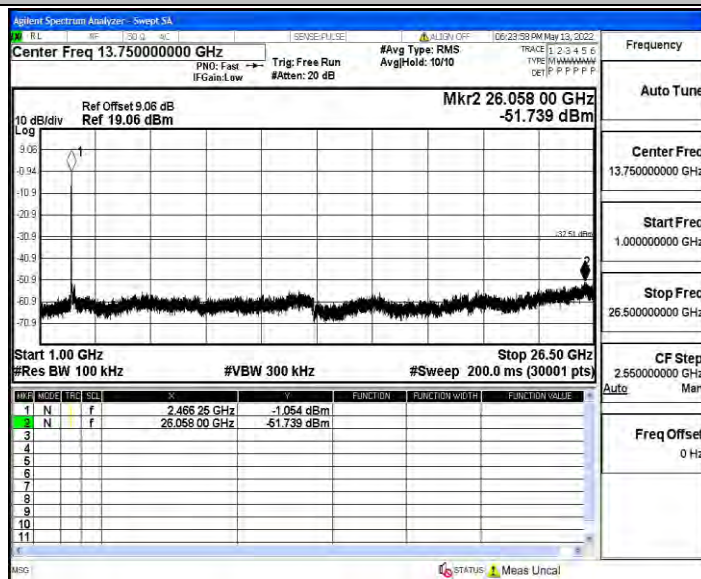
11AX20SISO\_Ant1\_2462\_0~Reference



11AX20SISO\_Ant1\_2462\_30~1000

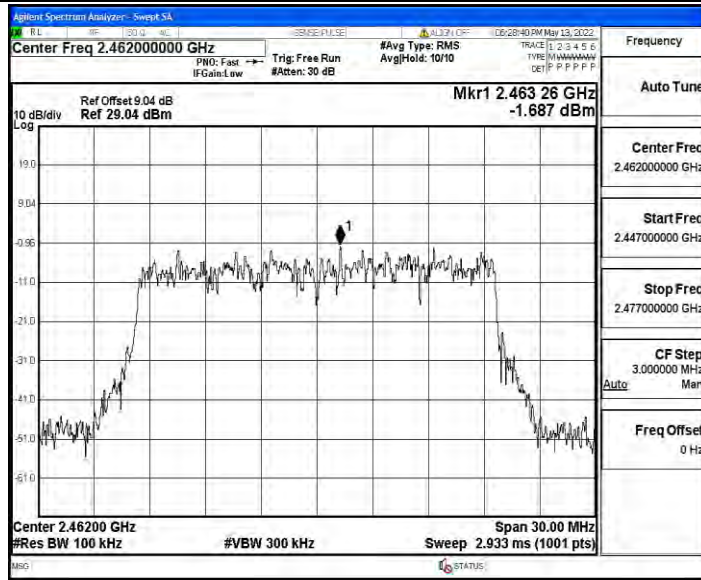


11AX20SISO\_Ant1\_2462\_1000~26500

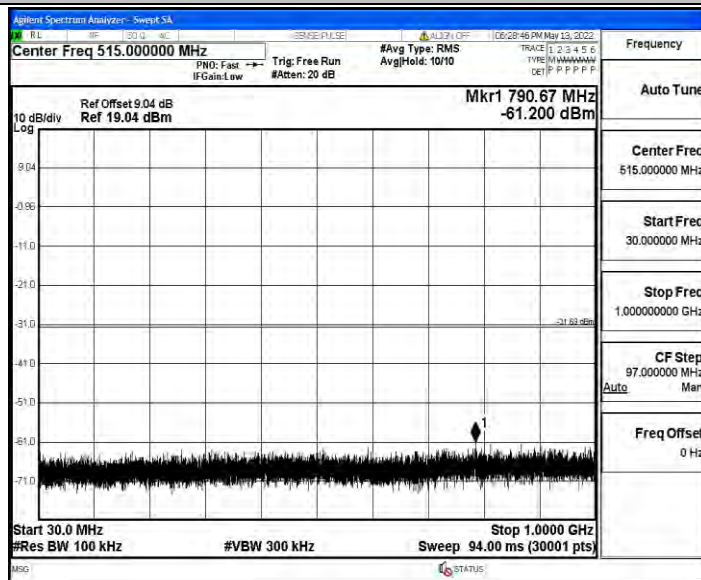


11AX20SISO\_Ant2\_2462\_0~Reference

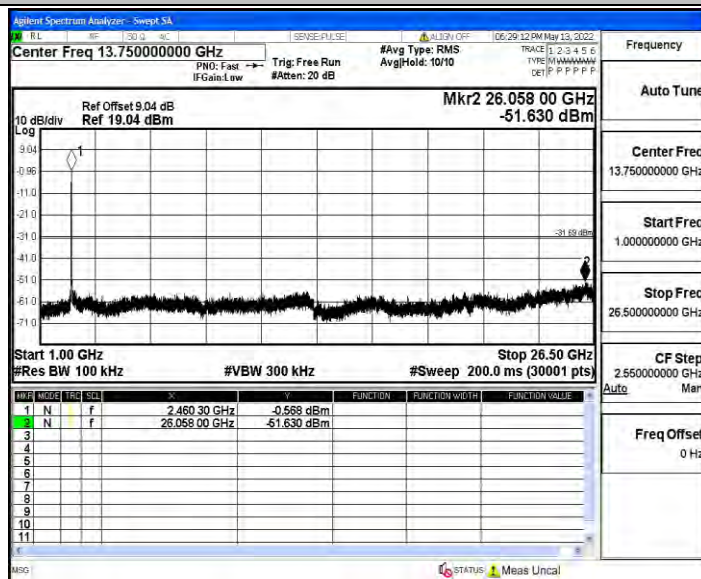




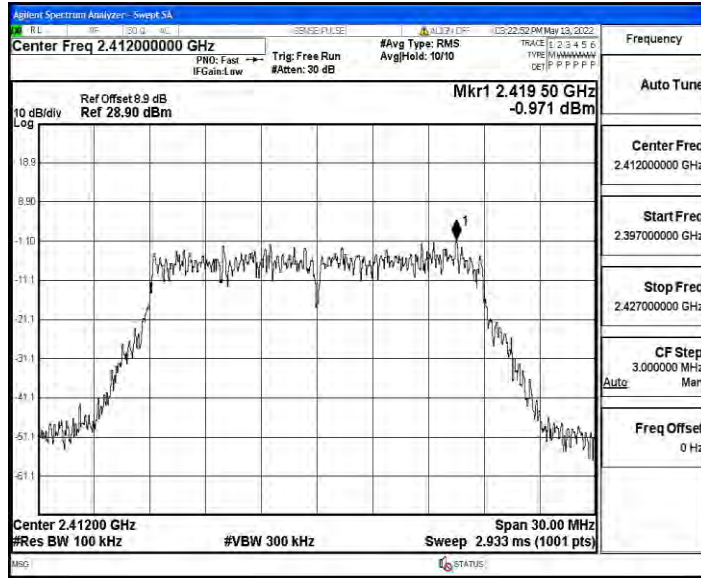
11AX20SISO\_Ant2\_2462\_30~1000



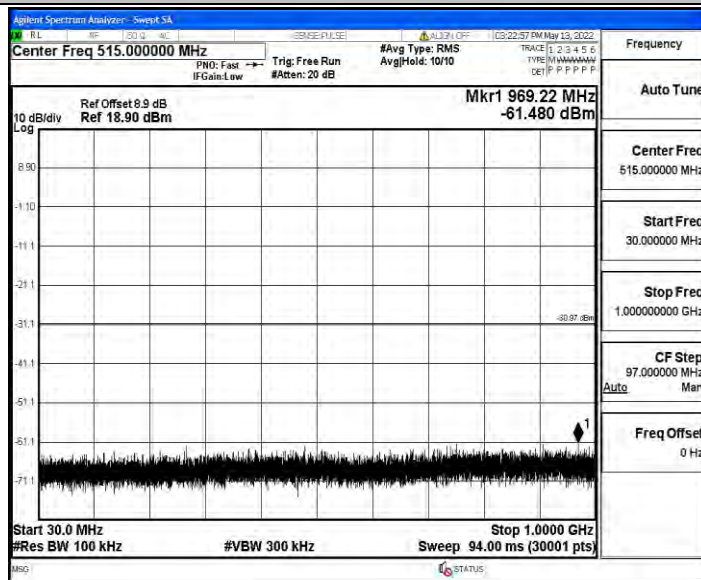
11AX20SISO\_Ant2\_2462\_1000~26500



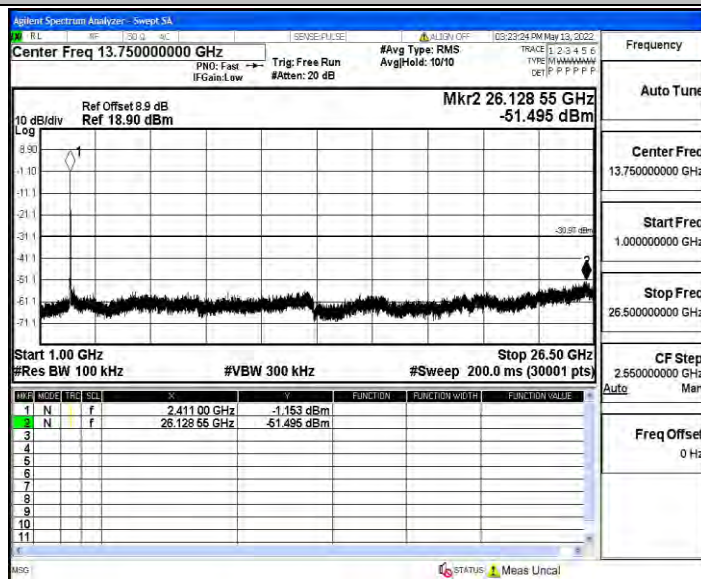
11N20MIMO\_Ant1\_2412\_0~Reference



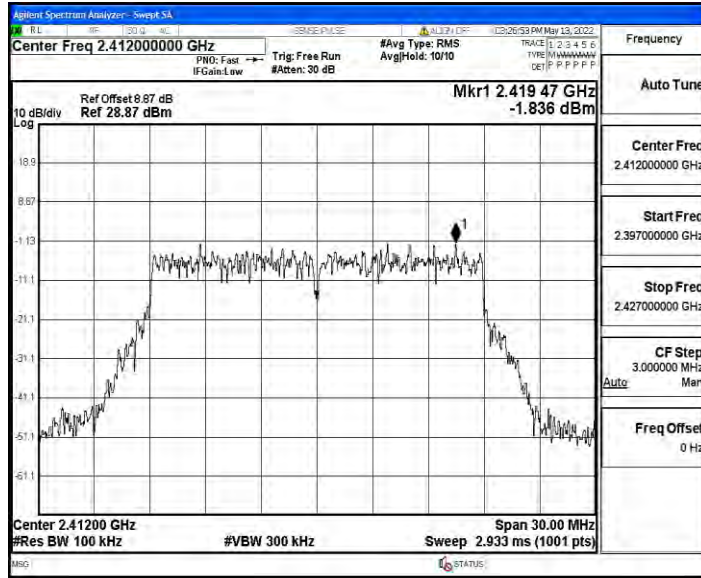
11N20MIMO\_Ant1\_2412\_30~1000



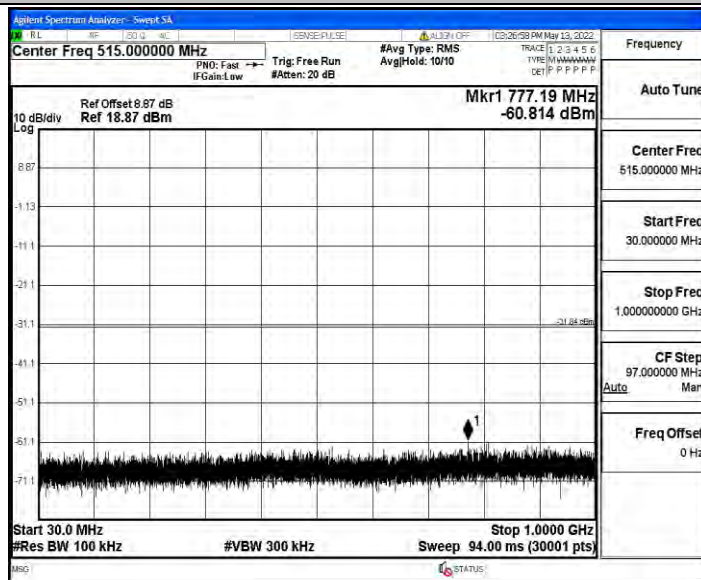
11N20MIMO\_Ant1\_2412\_1000~26500



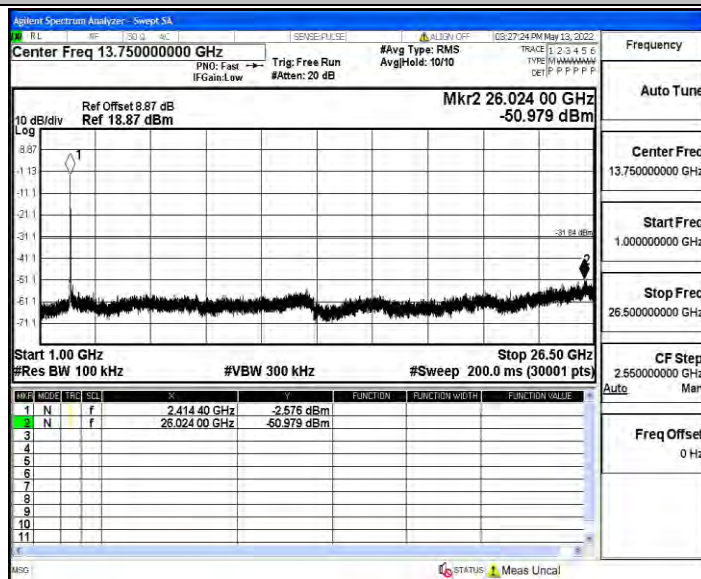
11N20MIMO\_Ant2\_2412\_0~Reference



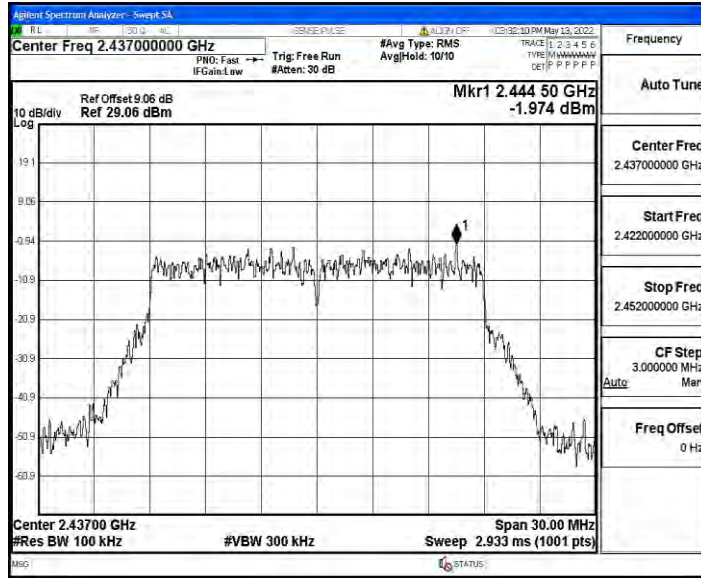
11N20MIMO\_Ant2\_2412\_30~1000



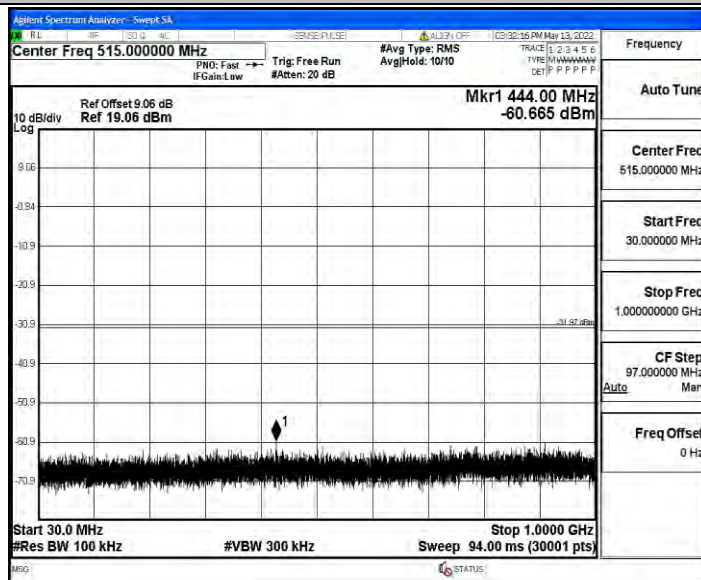
11N20MIMO\_Ant2\_2412\_1000~26500



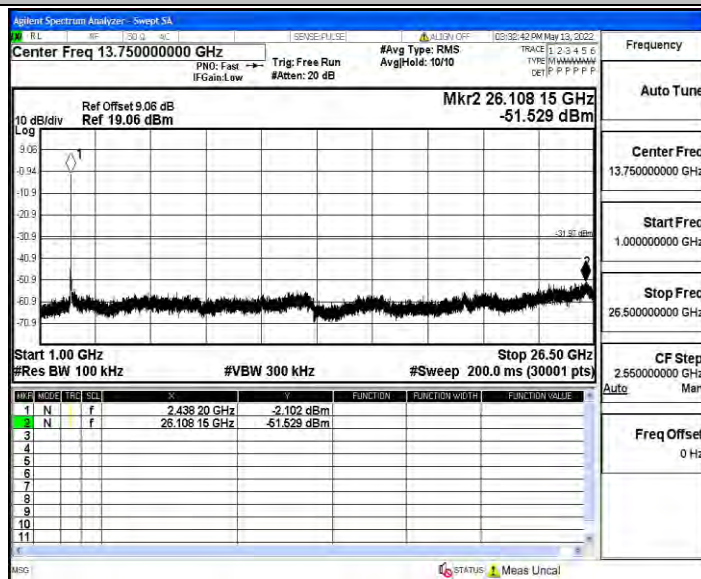
11N20MIMO\_Ant1\_2437\_0~Reference



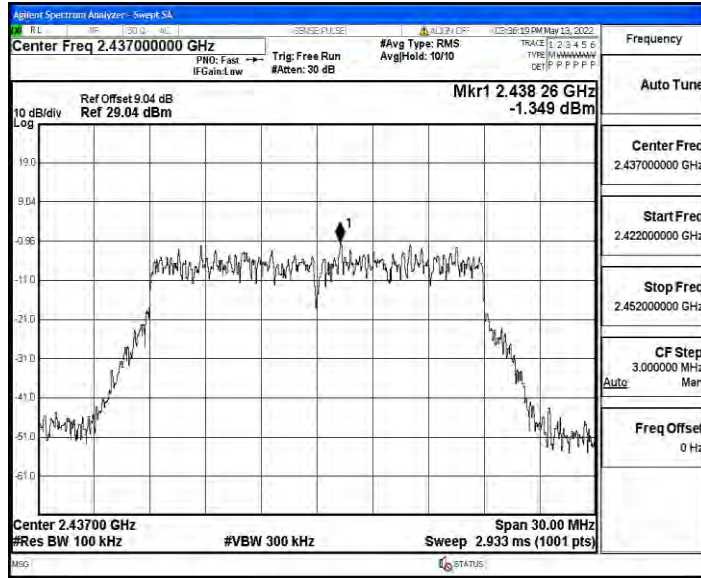
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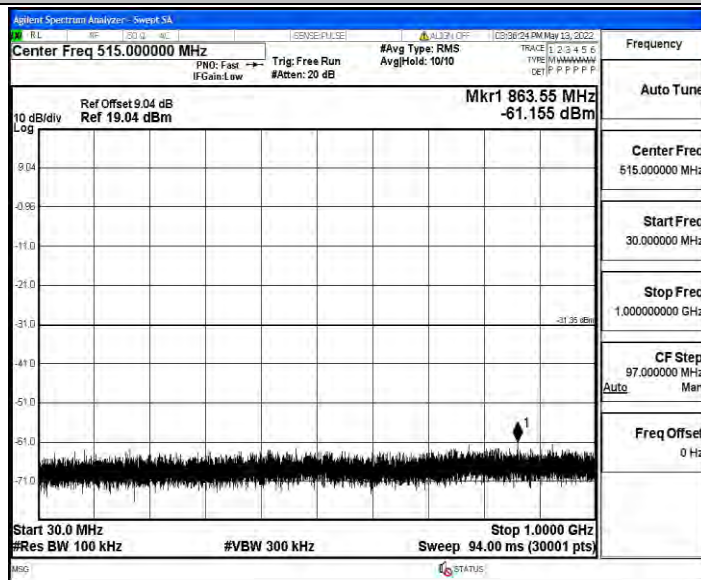
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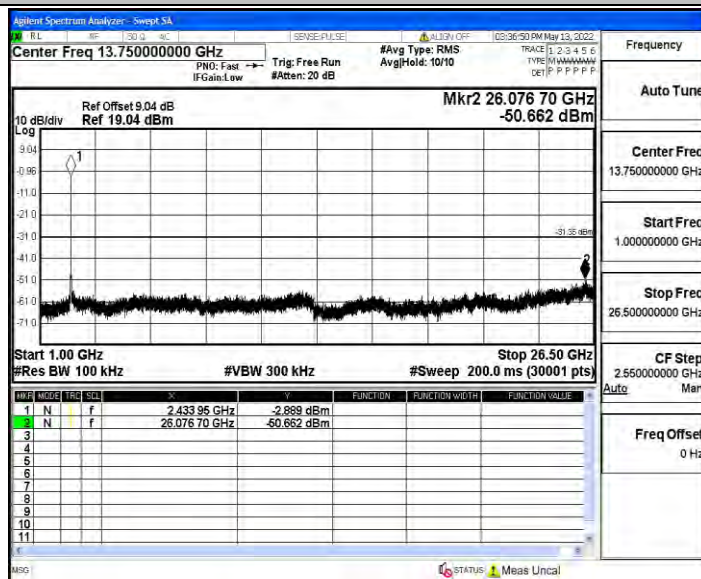
11N20MIMO\_Ant2\_2437\_0~Reference



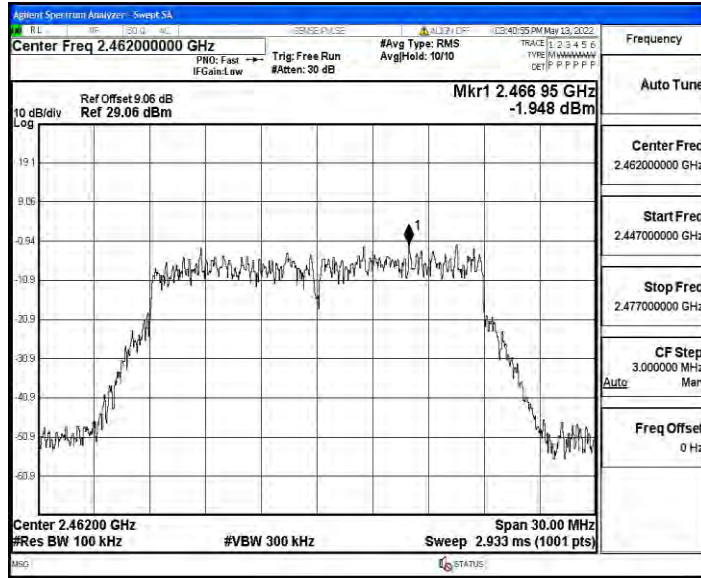
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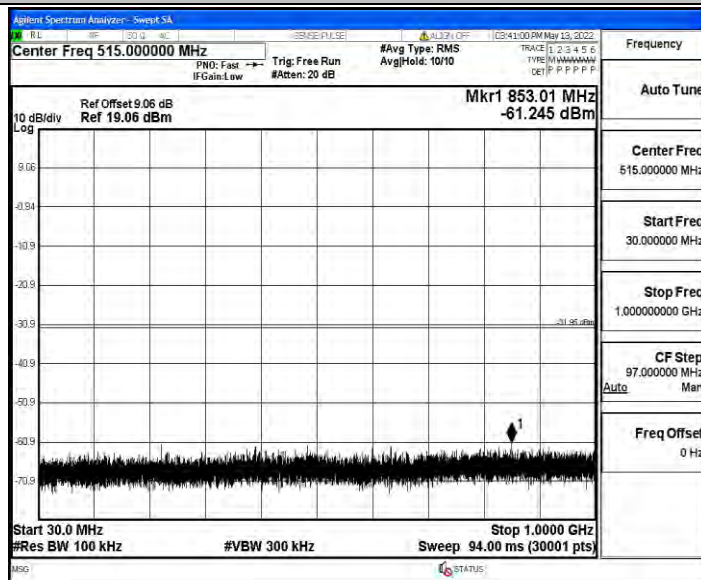
11N20MIMO\_Ant2\_2437\_1000~26500



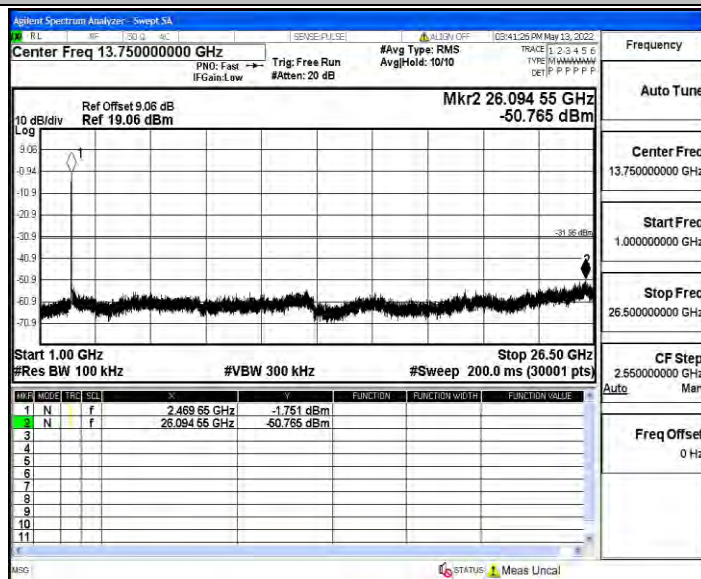
11N20MIMO\_Ant1\_2462\_0~Reference



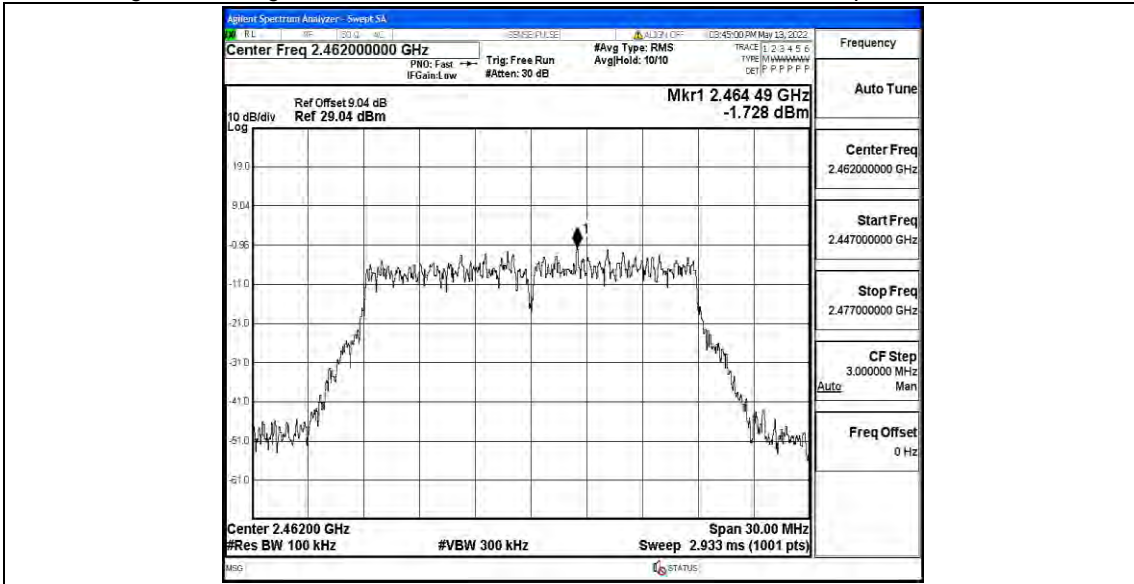
11N20MIMO\_Ant1\_2462\_30~1000



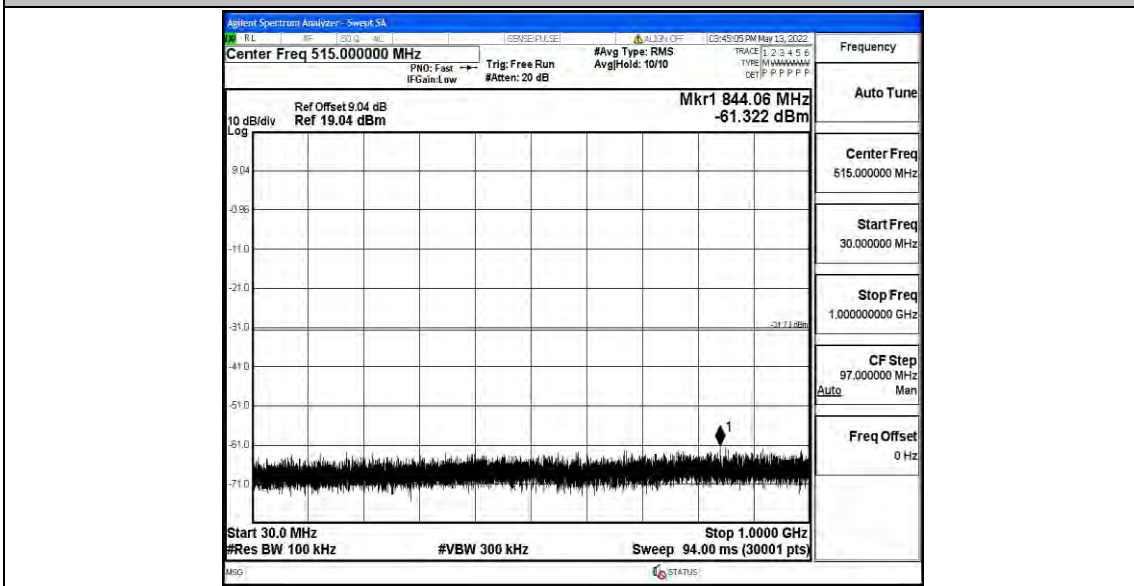
11N20MIMO\_Ant1\_2462\_1000~26500



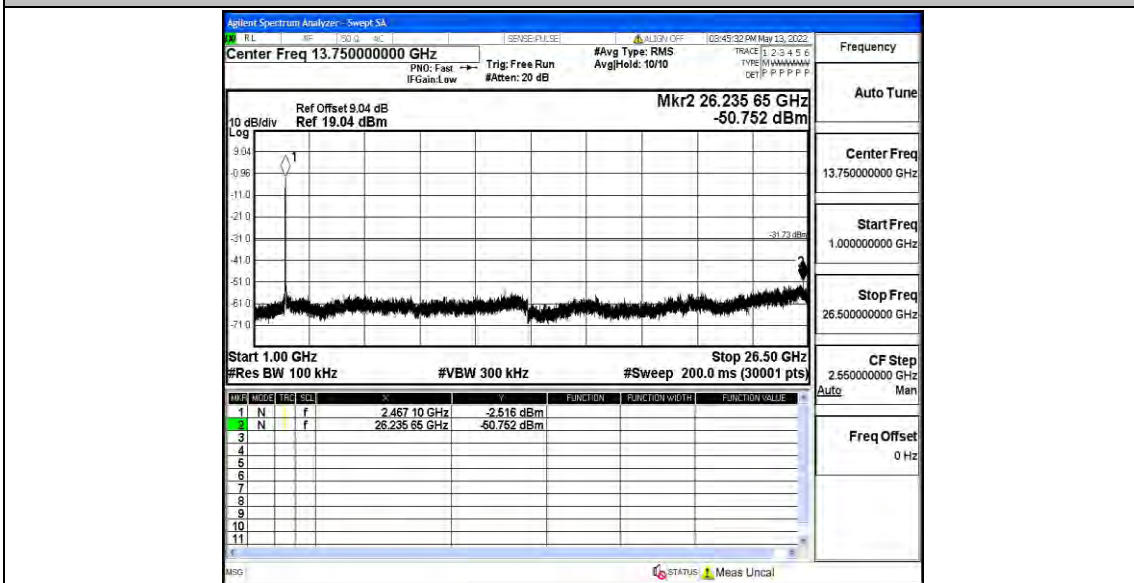
11N20MIMO\_Ant2\_2462\_0~Reference



11N20MIMO\_Ant2\_2462\_30~1000



11N20MIMO\_Ant2\_2462\_1000~26500



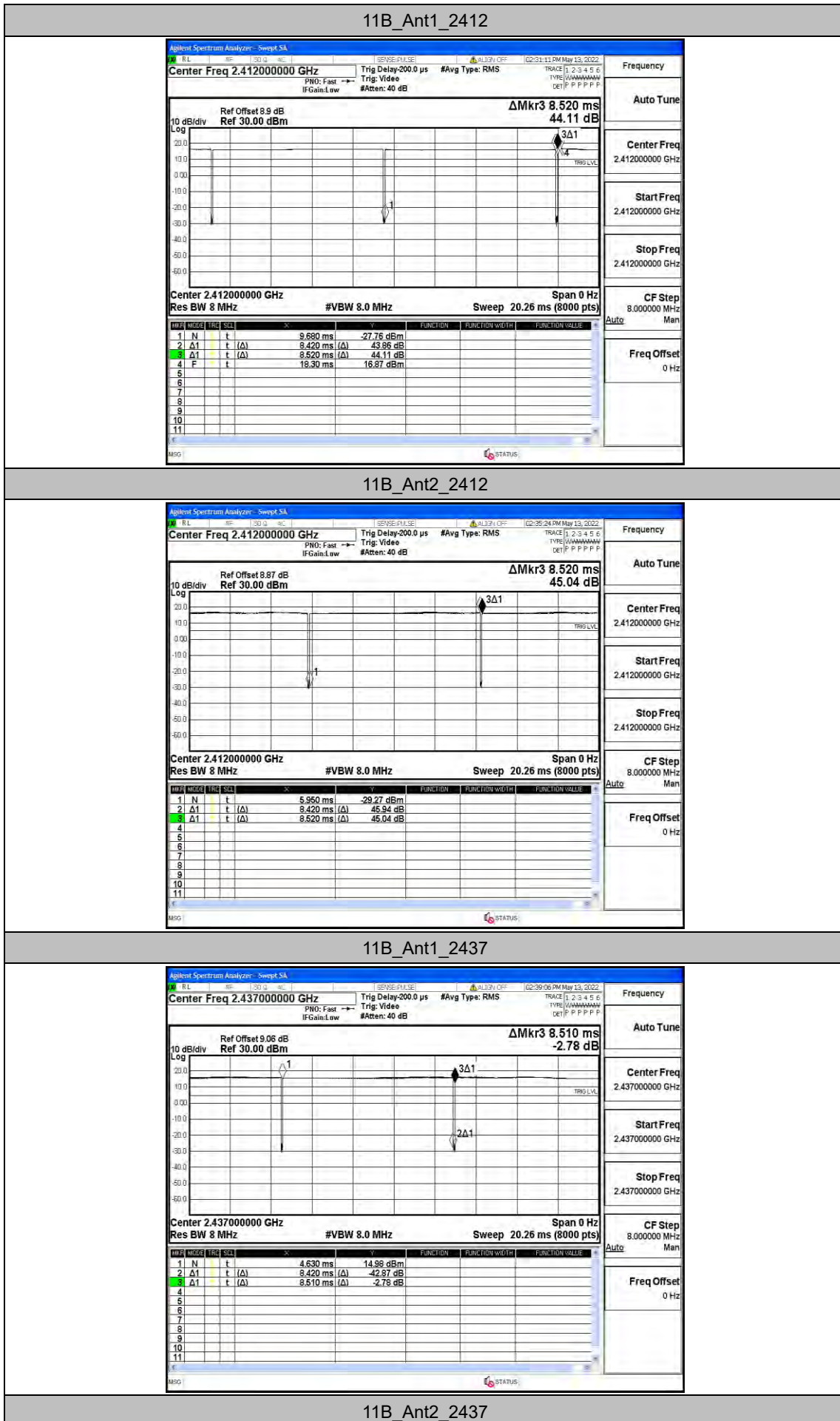
## Appendix G: Duty Cycle

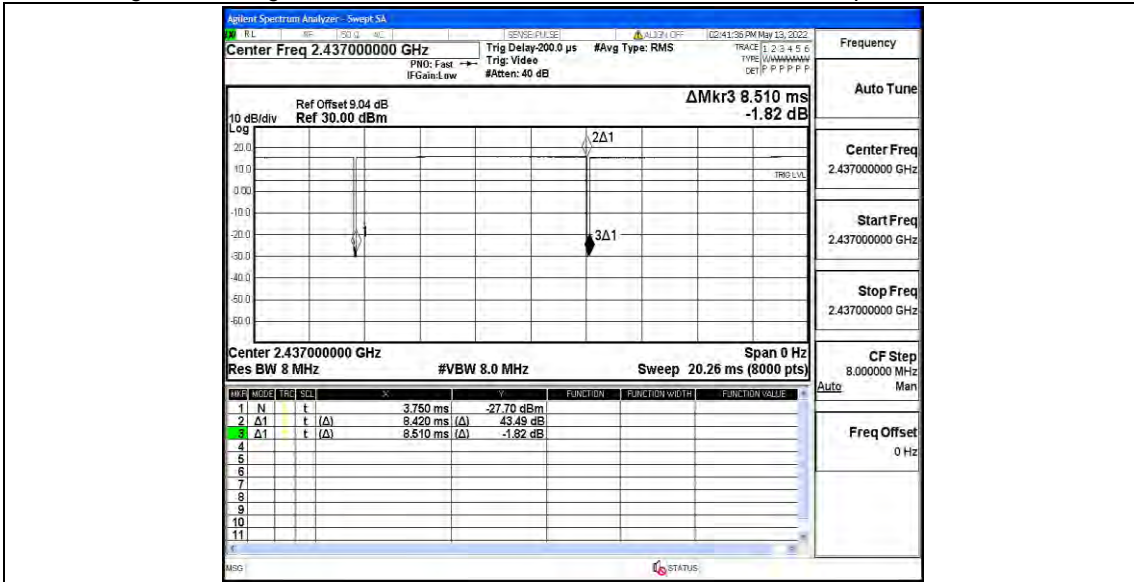
### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]
11B	Ant1	2412	8.42	8.52	98.83	0.12
	Ant2	2412	8.42	8.52	98.83	0.12
	Ant1	2437	8.42	8.51	98.94	0.12
	Ant2	2437	8.42	8.51	98.94	0.12
	Ant1	2462	8.42	8.51	98.94	0.12
	Ant2	2462	8.42	8.51	98.94	0.12
11G	Ant1	2412	1.40	1.50	93.33	0.71
	Ant2	2412	1.39	1.49	93.29	0.72
	Ant1	2437	1.40	1.50	93.33	0.71
	Ant2	2437	1.40	1.50	93.33	0.71
	Ant1	2462	1.39	1.50	92.67	0.72
	Ant2	2462	1.40	1.50	93.33	0.71
11AX20SISO	Ant1	2412	0.12	0.22	54.55	8.33
	Ant2	2412	0.11	0.22	50.00	9.09
	Ant1	2437	0.12	0.22	54.55	8.33
	Ant2	2437	0.12	0.22	54.55	8.33
	Ant1	2462	0.11	0.21	52.38	9.09
	Ant2	2462	0.12	0.22	54.55	8.33
11N20MIMO	Ant1	2412	0.16	0.26	61.54	6.25
	Ant2	2412	0.17	0.27	62.96	5.88
	Ant1	2437	0.17	0.27	62.96	5.88
	Ant2	2437	0.16	0.27	59.26	6.25
	Ant1	2462	0.16	0.26	61.54	6.25
	Ant2	2462	0.16	0.26	61.54	6.25

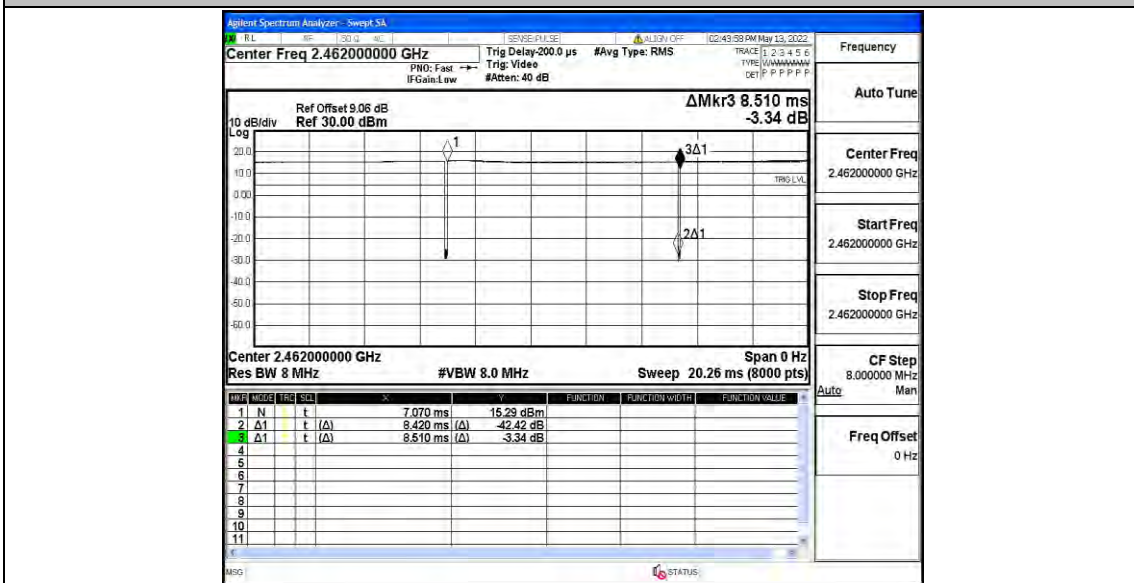


Test Graphs

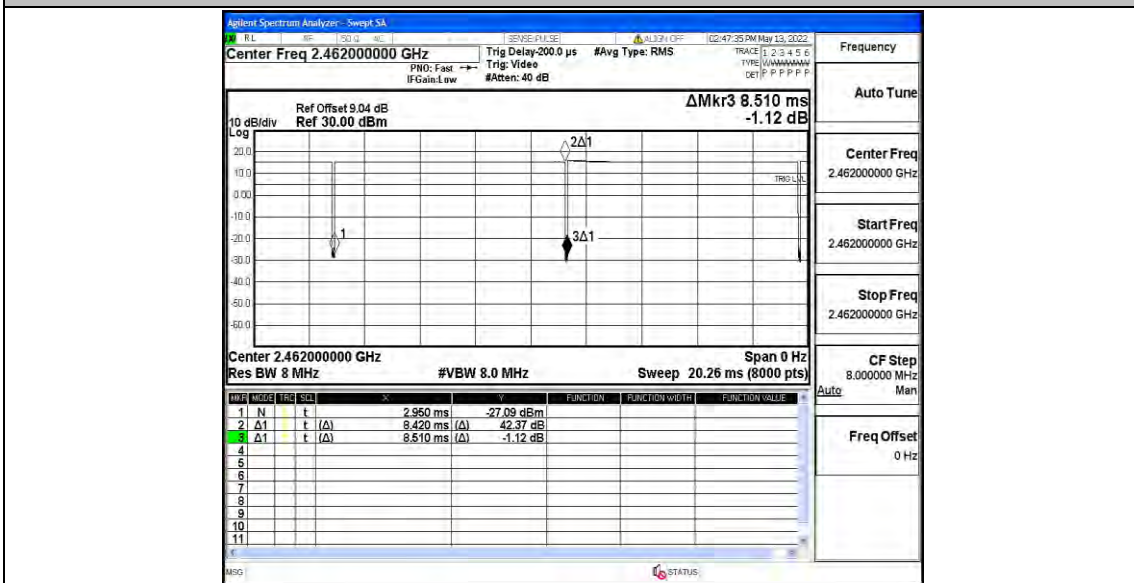




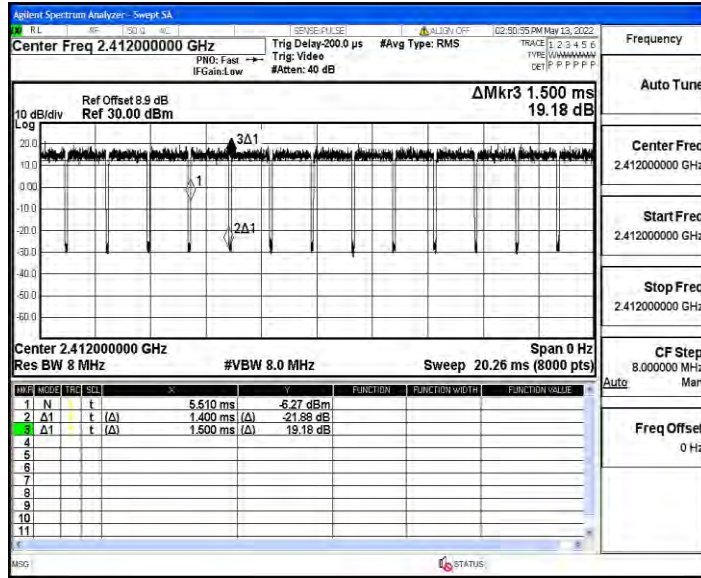
11B\_Ant1\_2462



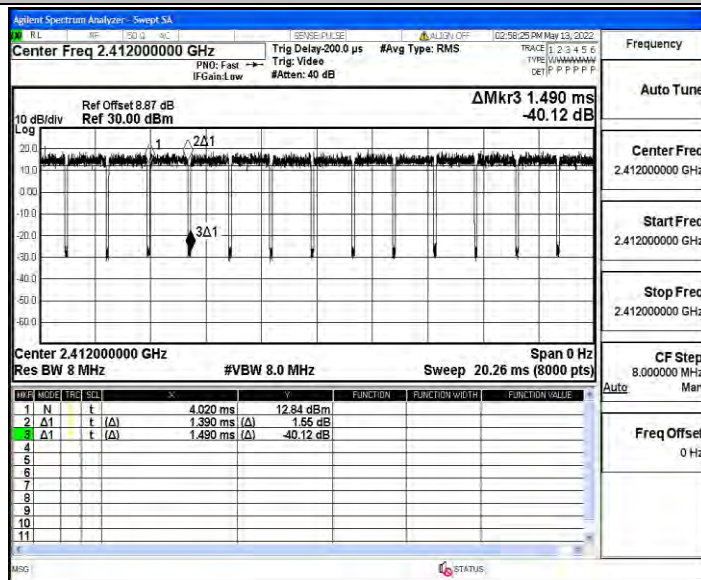
11B\_Ant2\_2462



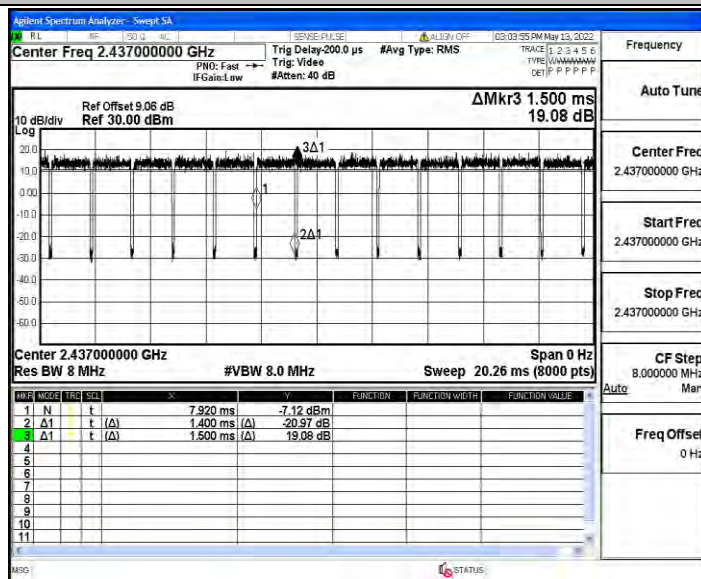
11G\_Ant1\_2412



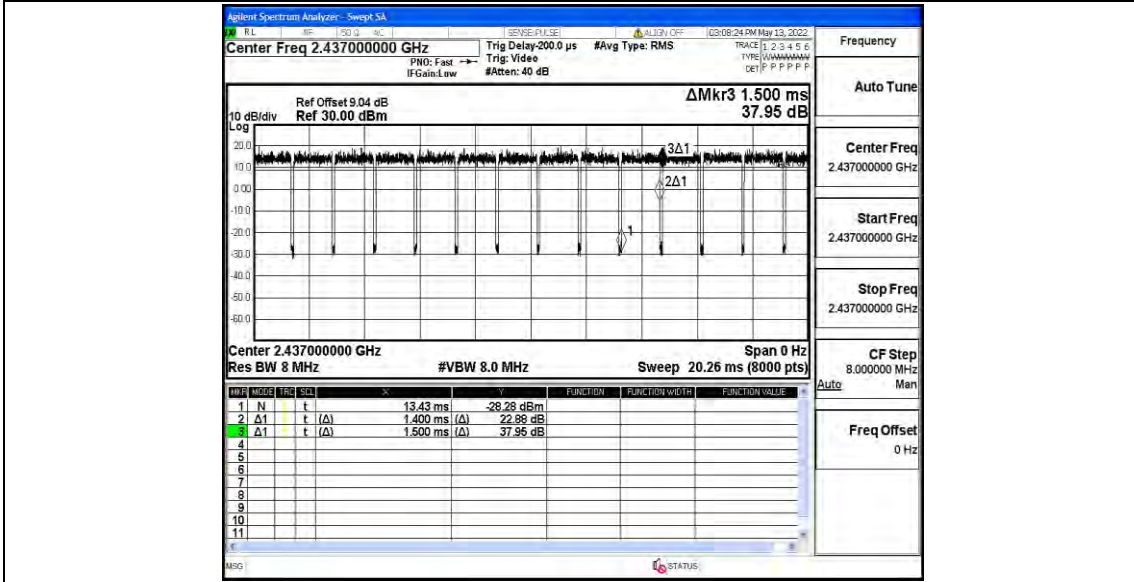
11G\_Ant2\_2412



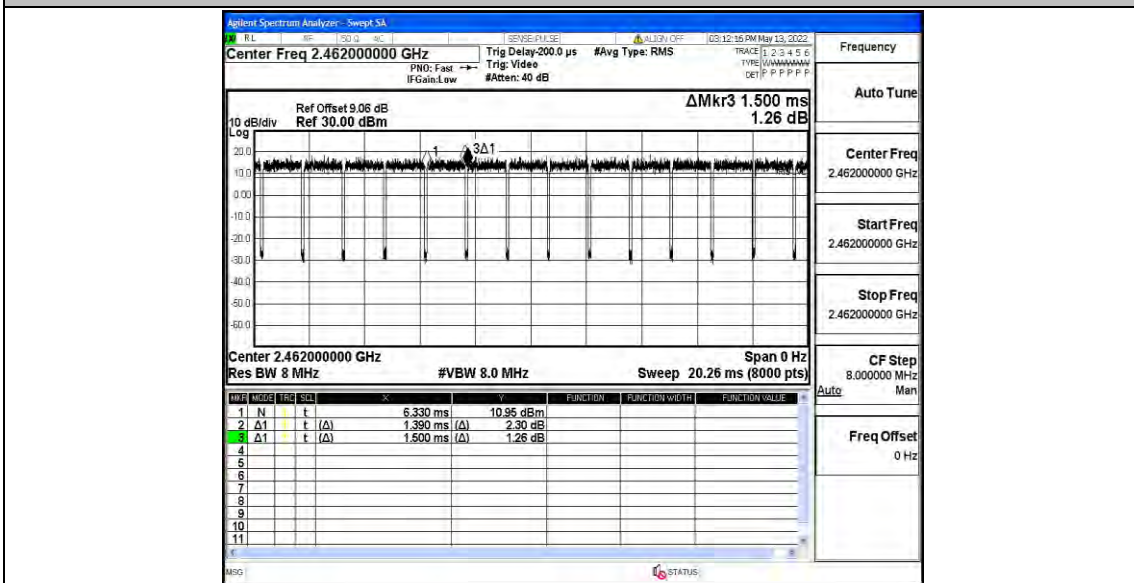
11G\_Ant1\_2437



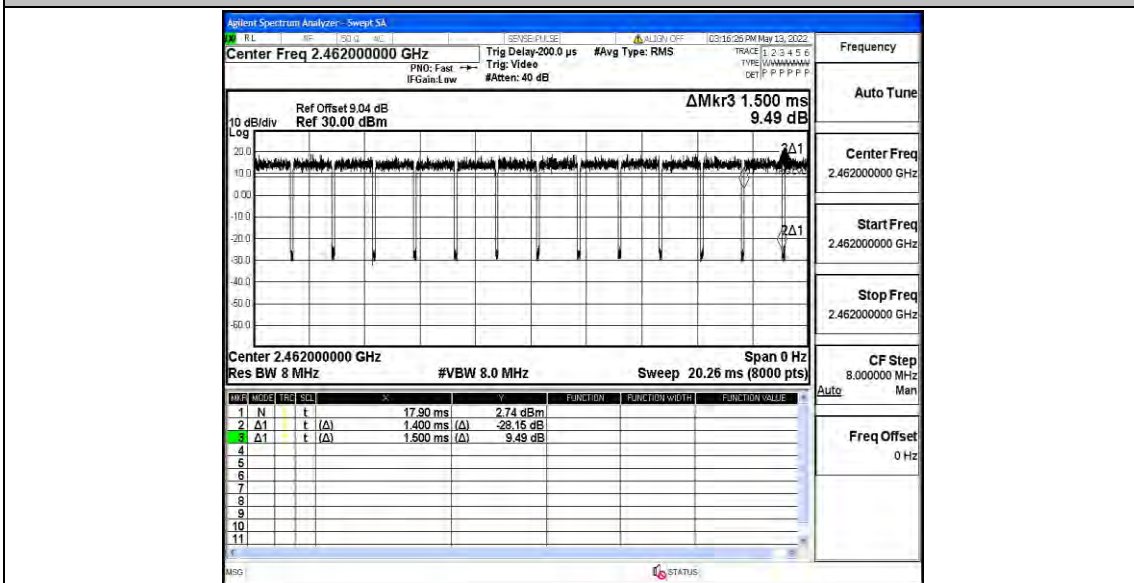
11G\_Ant2\_2437



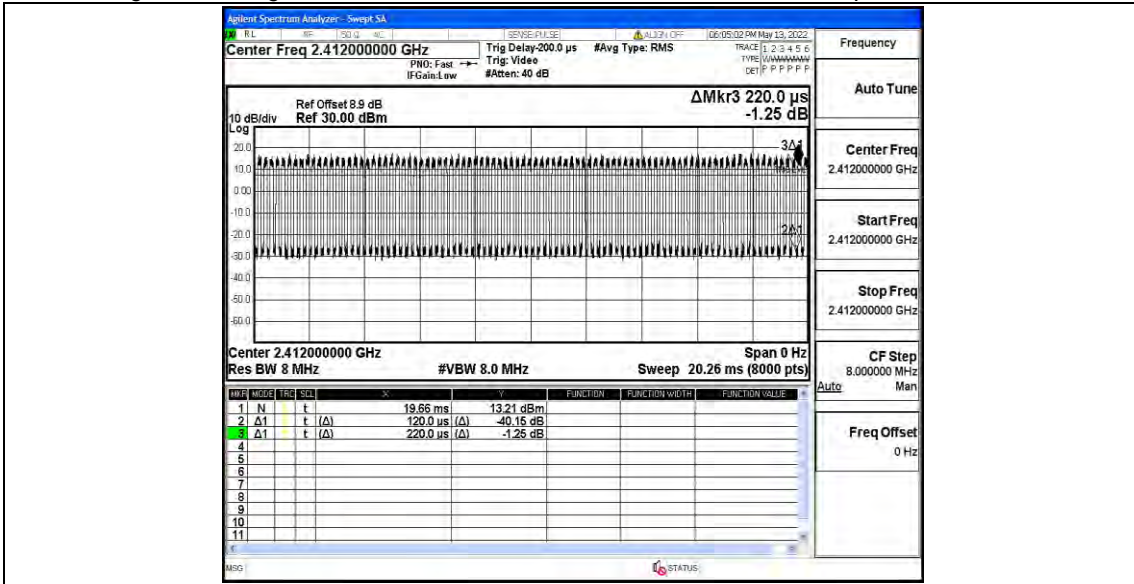
11G\_Ant1\_2462



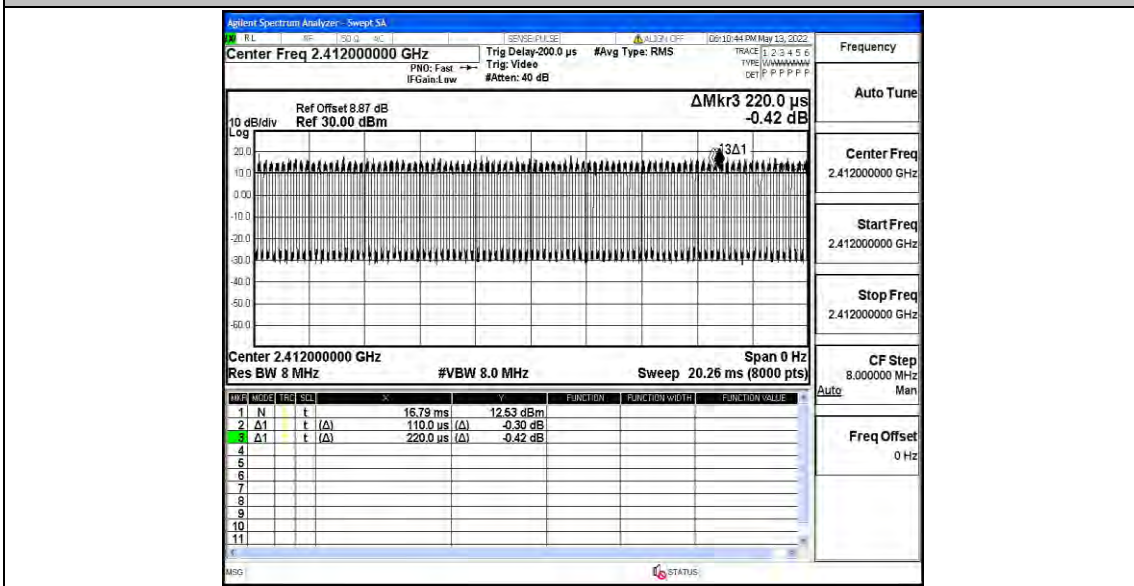
11G\_Ant2\_2462



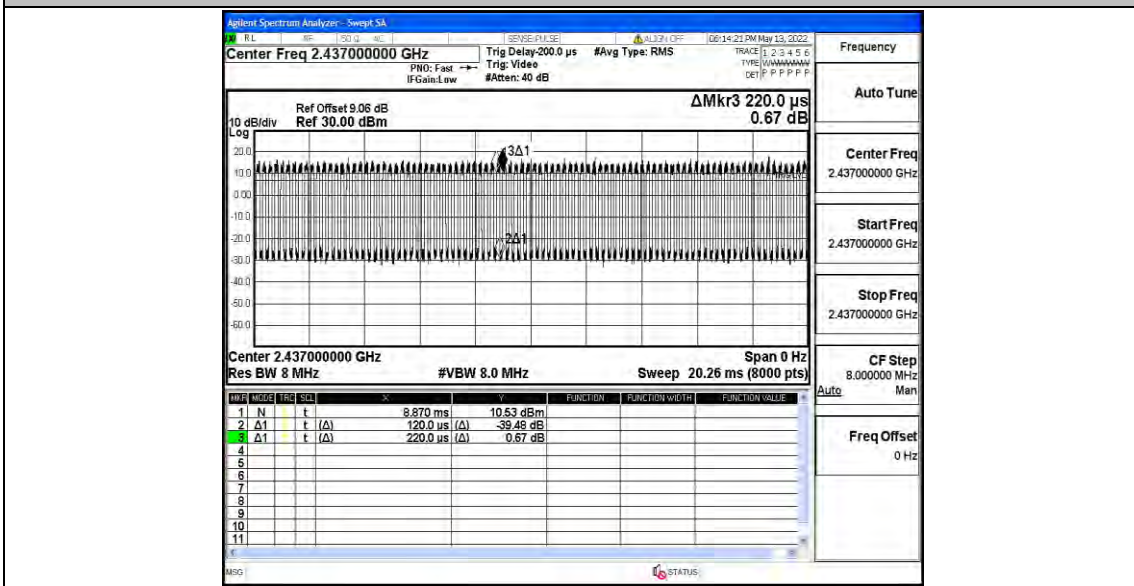
11AX20SISO\_Ant1\_2412



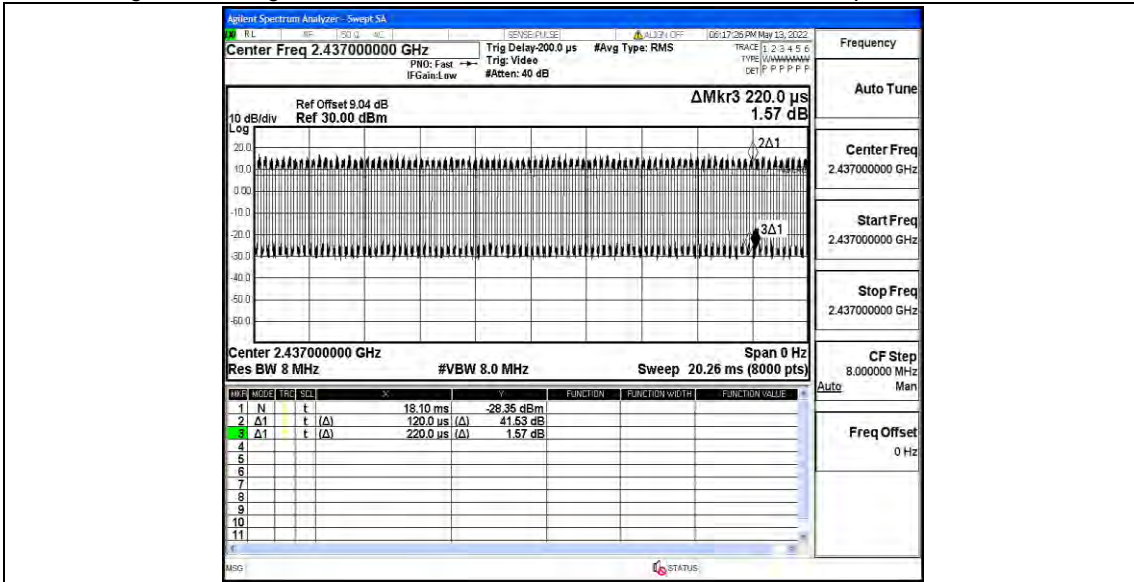
11AX20SISO\_Ant2\_2412



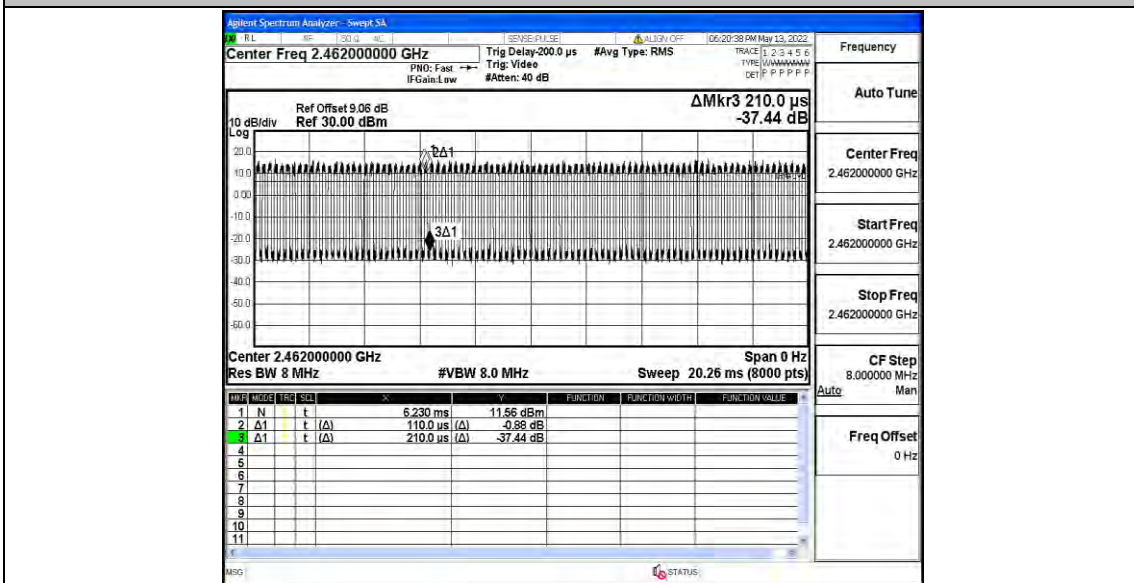
11AX20SISO\_Ant1\_2437



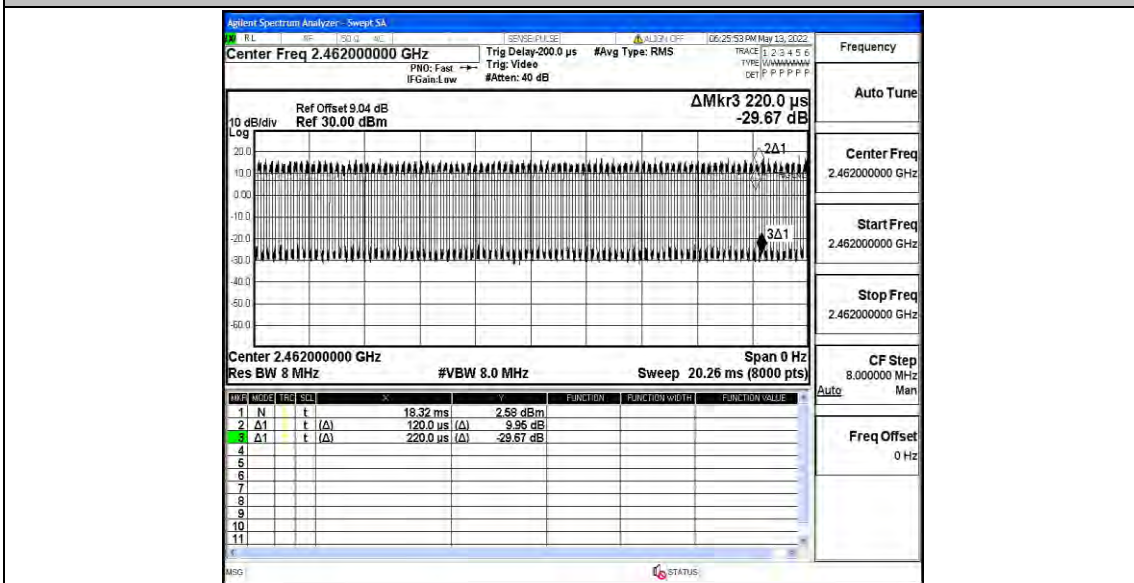
11AX20SISO\_Ant2\_2437



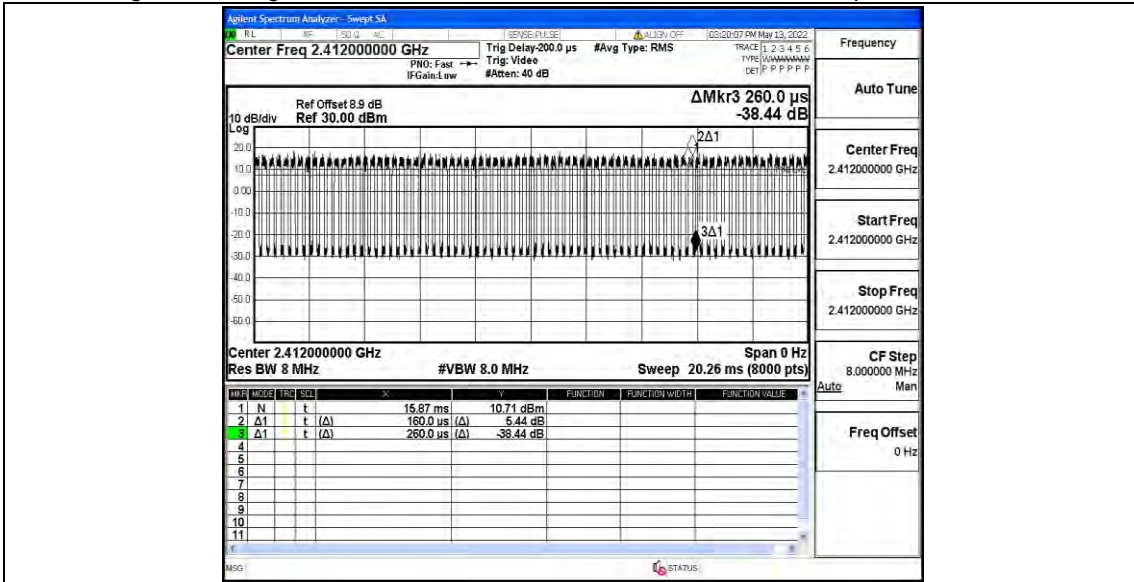
11AX20SISO\_Ant1\_2462



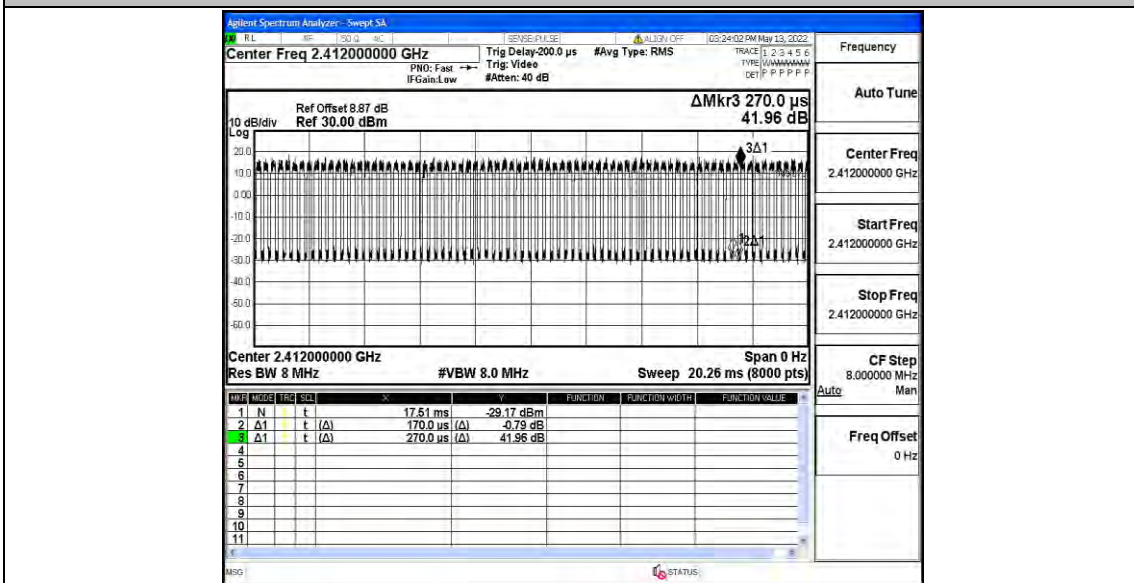
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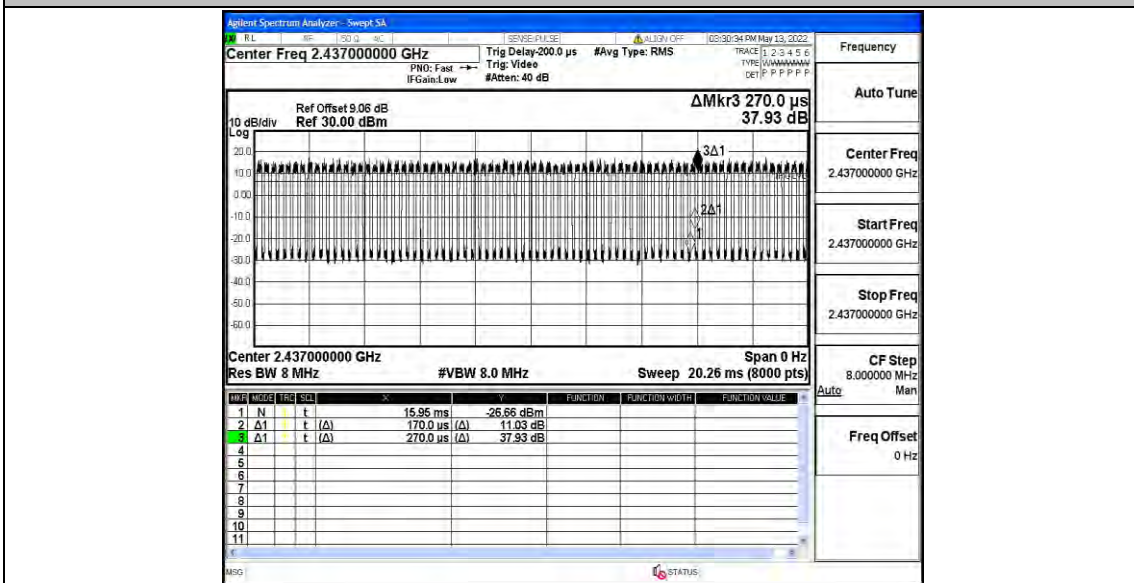
11N20MIMO\_Ant1\_2412



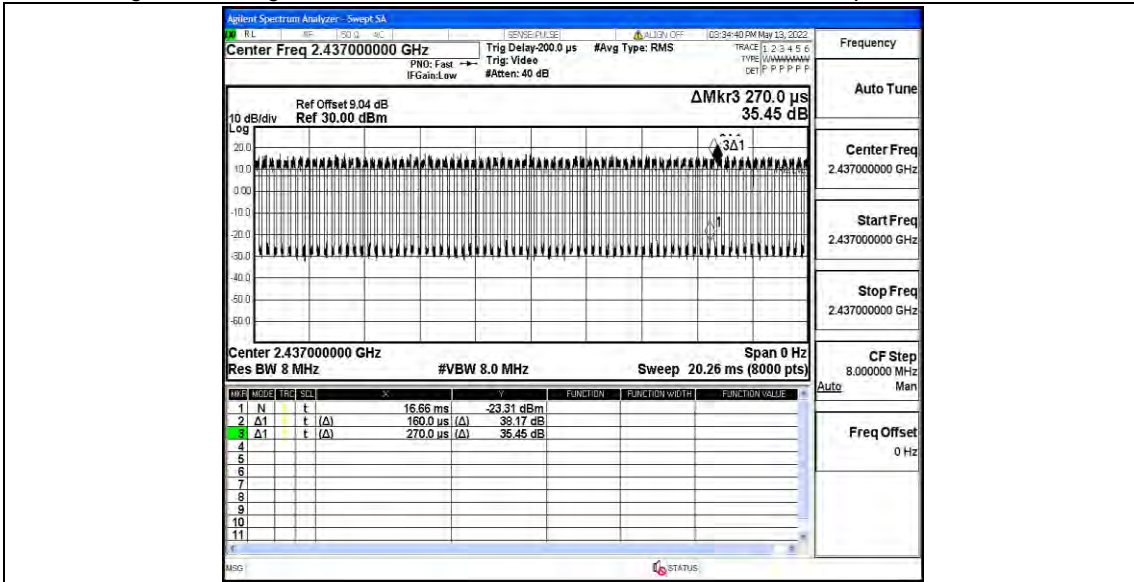
11N20MIMO\_Ant2\_2412



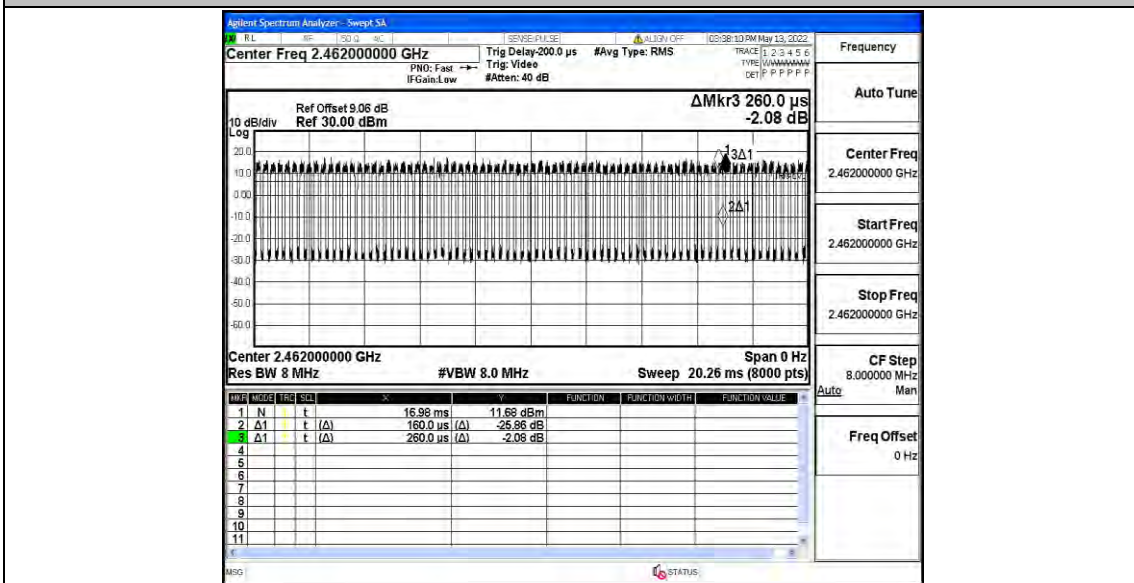
11N20MIMO\_Ant1\_2437



11N20MIMO\_Ant2\_2437



11N20MIMO\_Ant1\_2462



11N20MIMO\_Ant2\_2462

