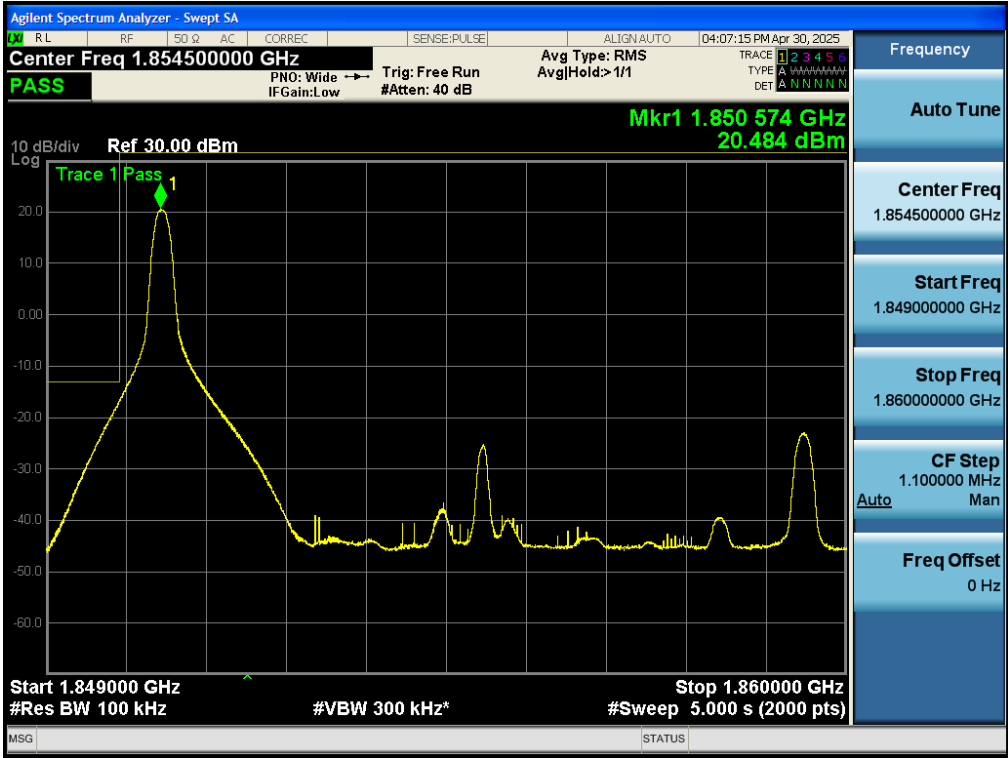
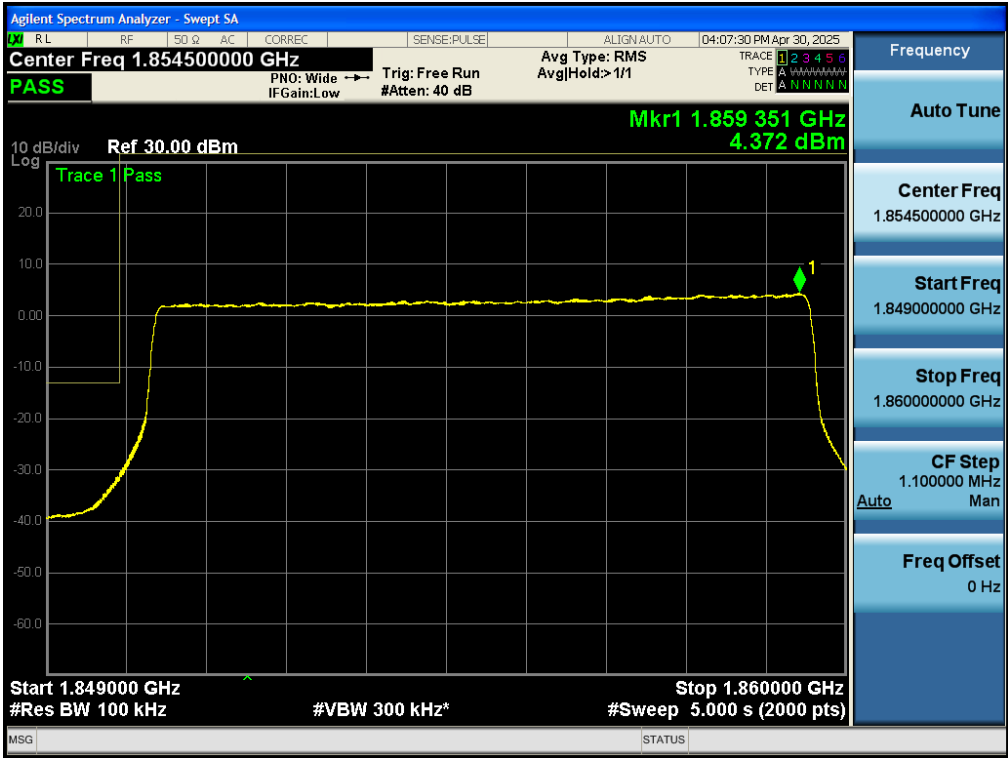
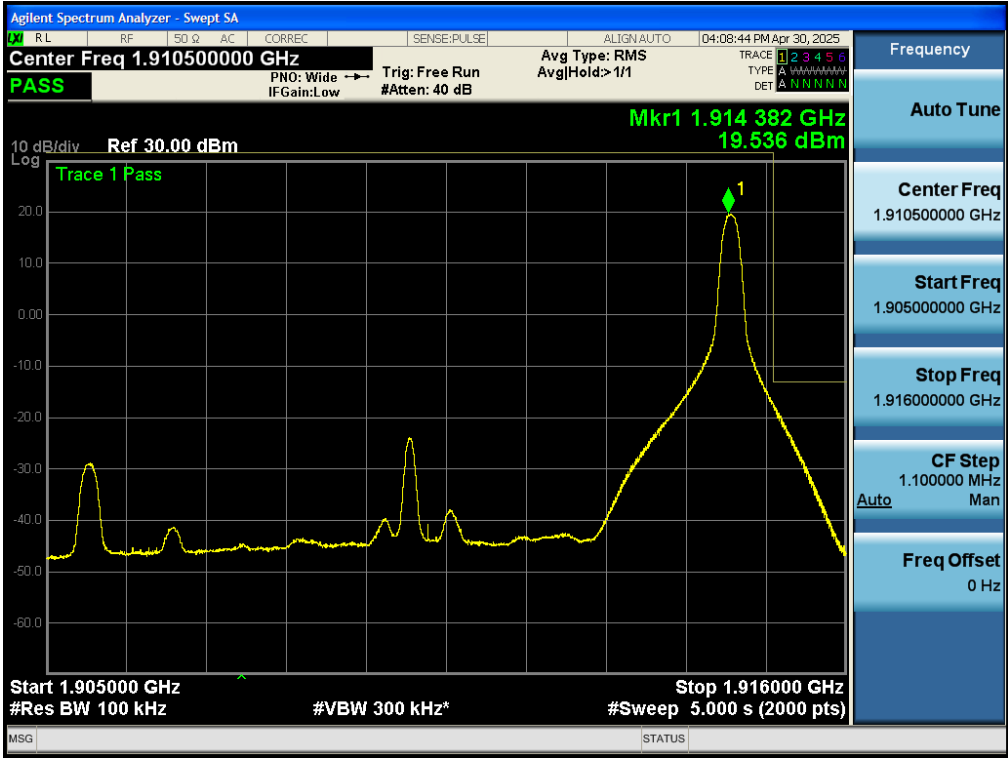




Test_Graph_band25_1855MHz_10M_QPSK_1RB#LOW_Band edge



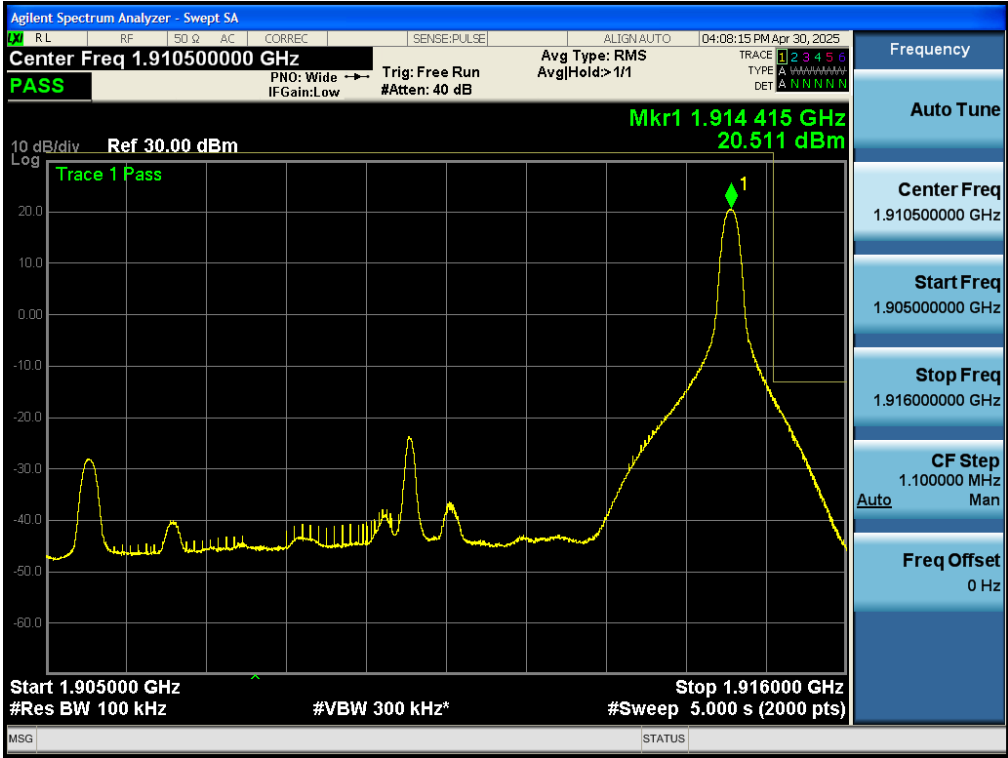
Test_Graph_band25_1855MHz_10M_QPSK_50RB#LOW_Band edge



Test_Graph_band25_1910MHz_10M_16QAM_1RB#HIGH_Band edge



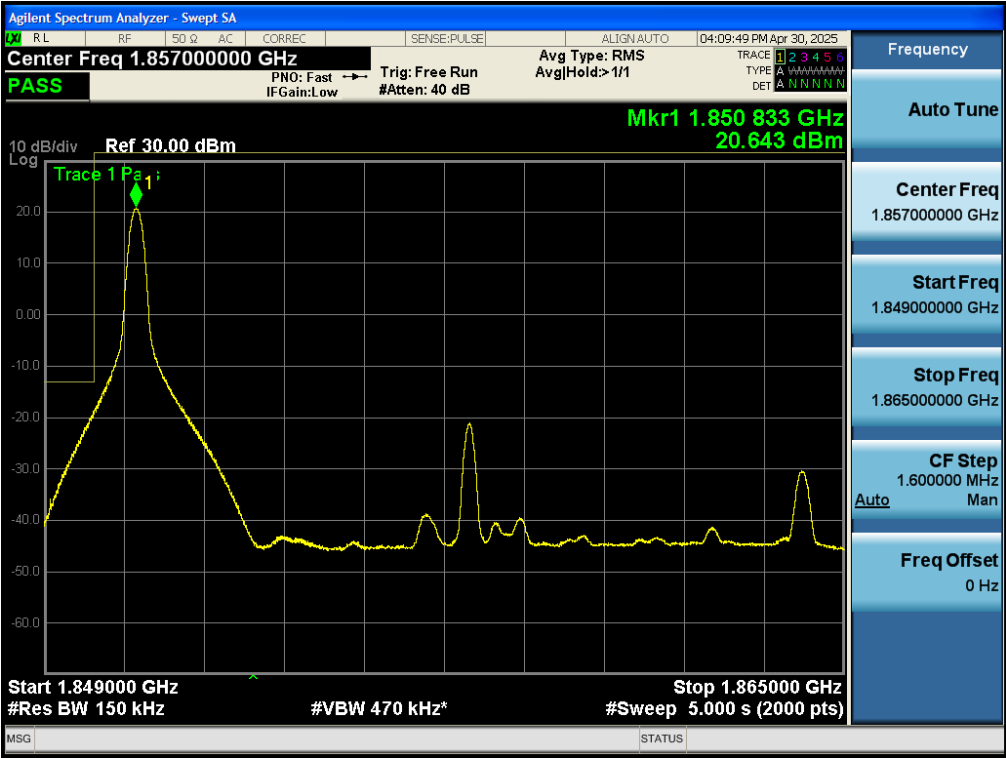
Test_Graph_band25_1910MHz_10M_16QAM_50RB#LOW_Band edge



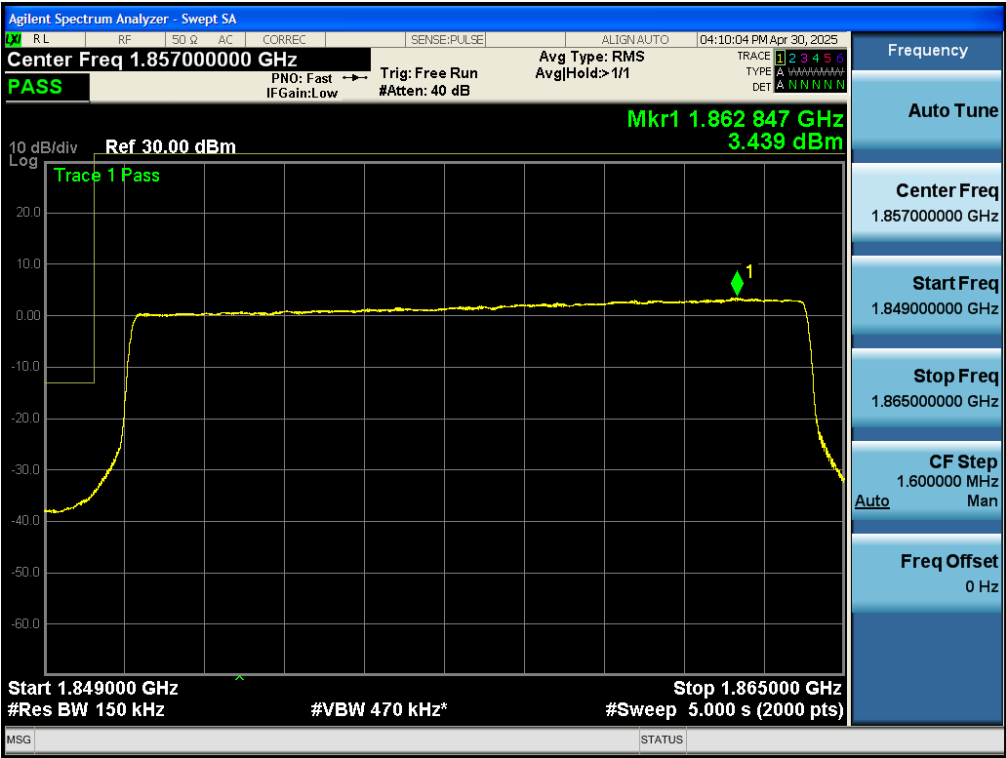
Test_Graph_band25_1910MHz_10M_QPSK_1RB#HIGH_Band edge



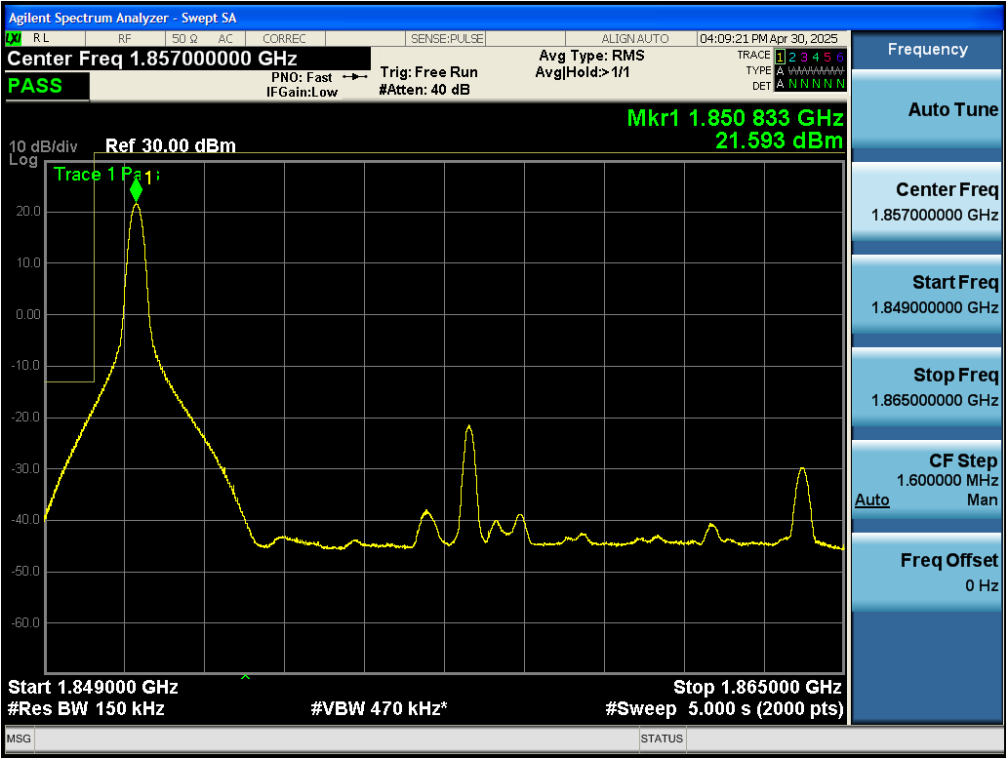
Test_Graph_band25_1910MHz_10M_QPSK_50RB#LOW_Band edge



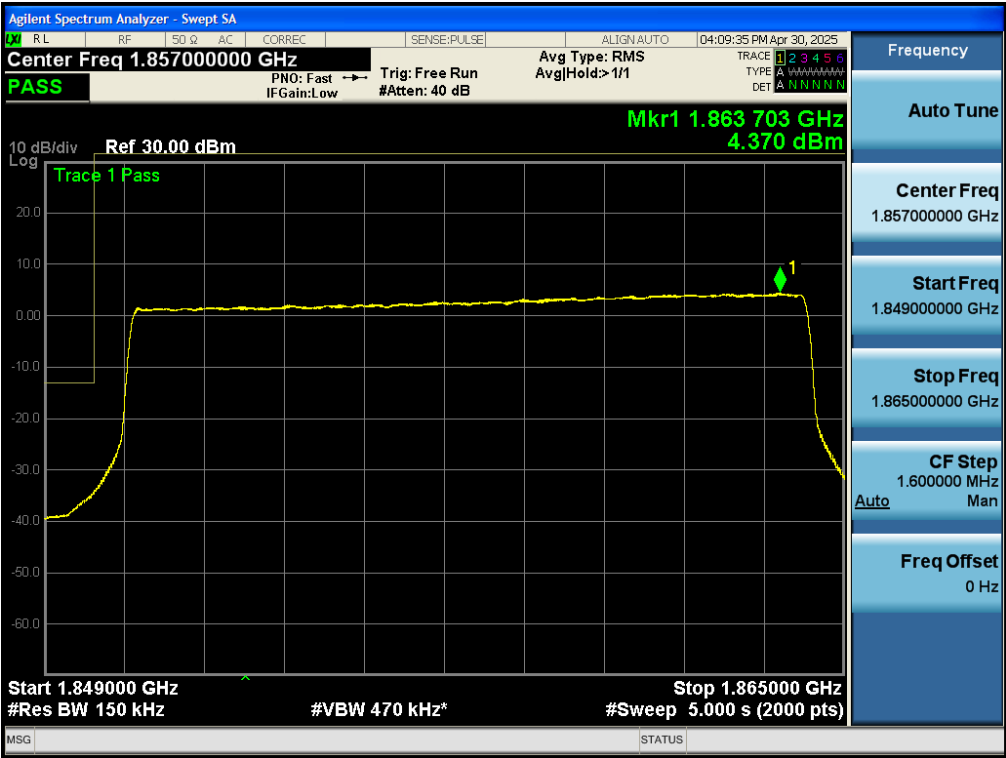
Test_Graph_band25_1857.5MHz_15M_16QAM_1RB#LOW_Band edge



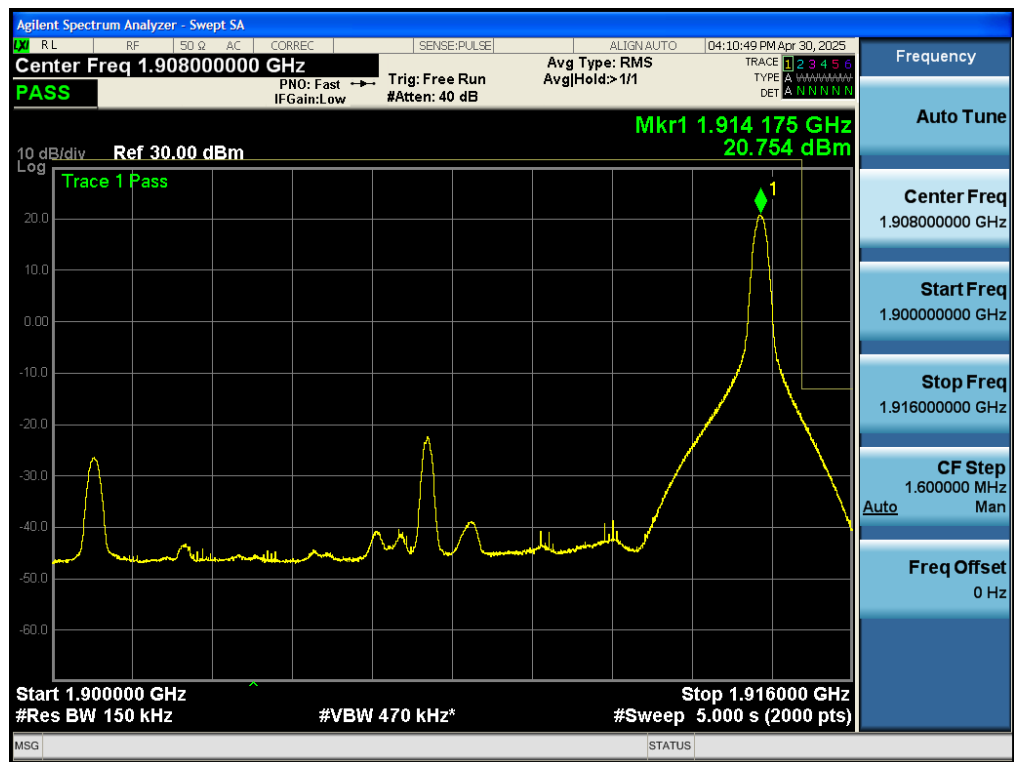
Test_Graph_band25_1857.5MHz_15M_16QAM_75RB#LOW_Band edge



Test_Graph_band25_1857.5MHz_15M_QPSK_1RB#LOW_Band edge



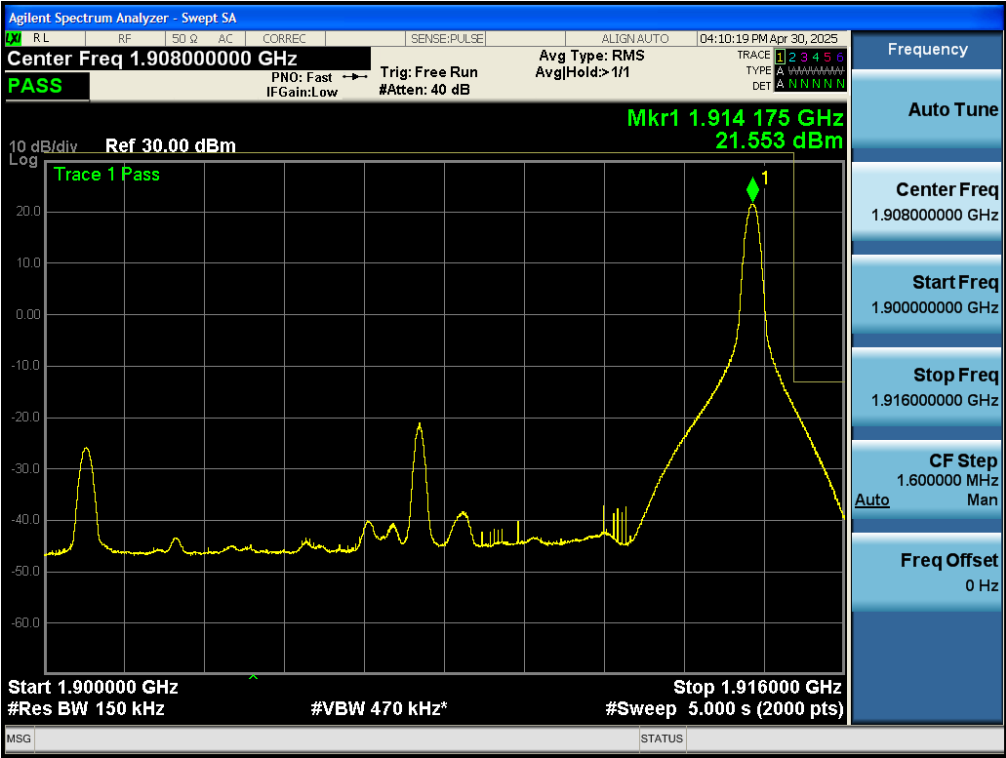
Test_Graph_band25_1857.5MHz_15M_QPSK_75RB#LOW_Band edge



Test_Graph_band25_1907.5MHz_15M_16QAM_1RB#HIGH_Band edge



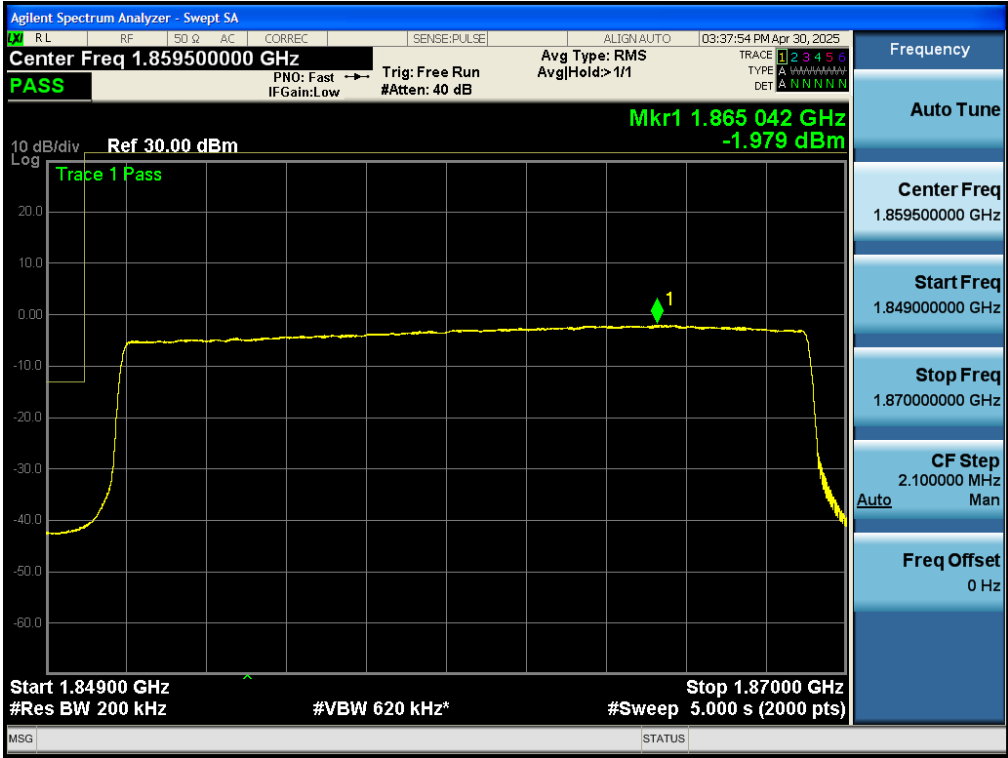
Test_Graph_band25_1907.5MHz_15M_16QAM_75RB#LOW_Band edge



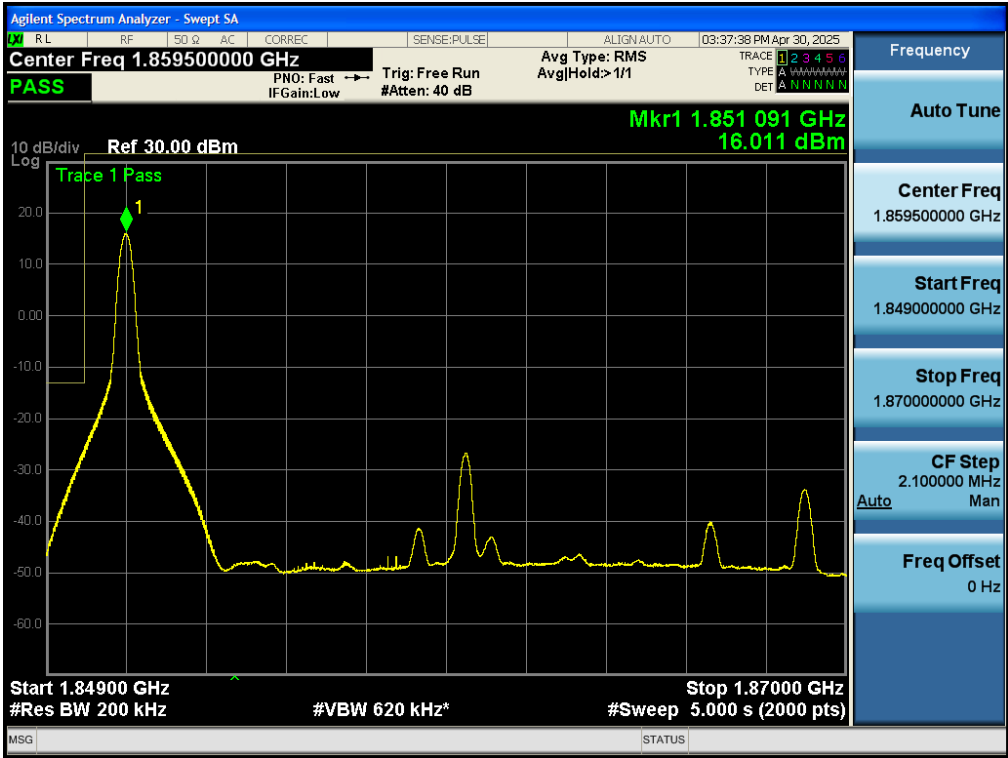
Test_Graph_band25_1907.5MHz_15M_QPSK_1RB#HIGH_Band edge



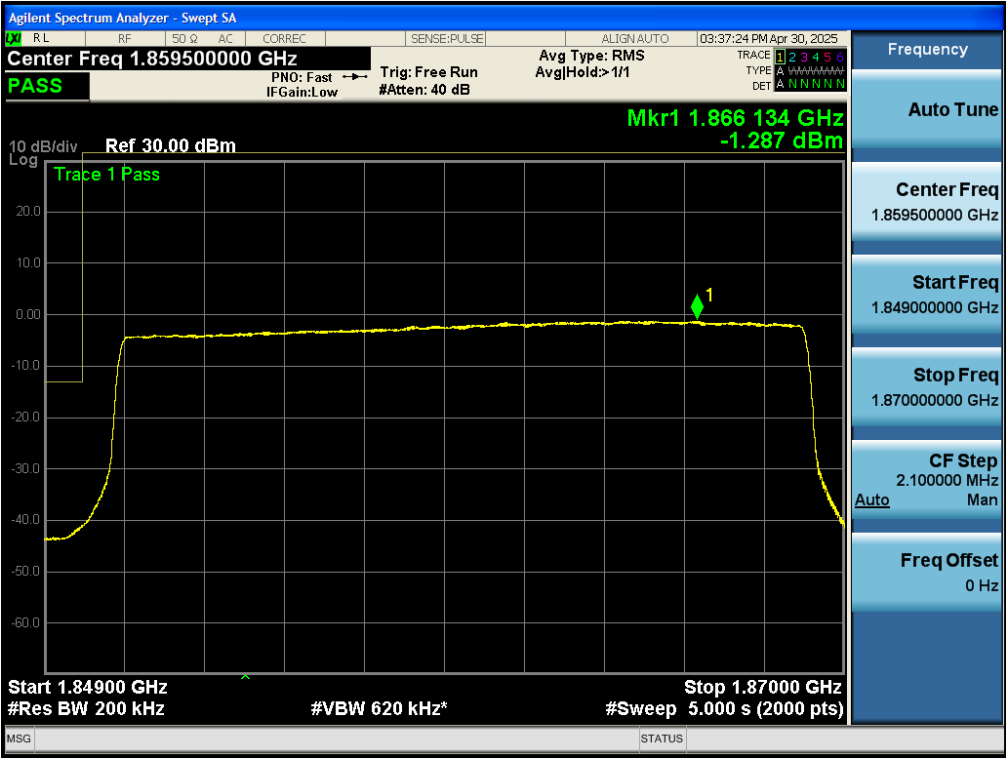
Test_Graph_band25_1907.5MHz_15M_QPSK_75RB#LOW_Band edge



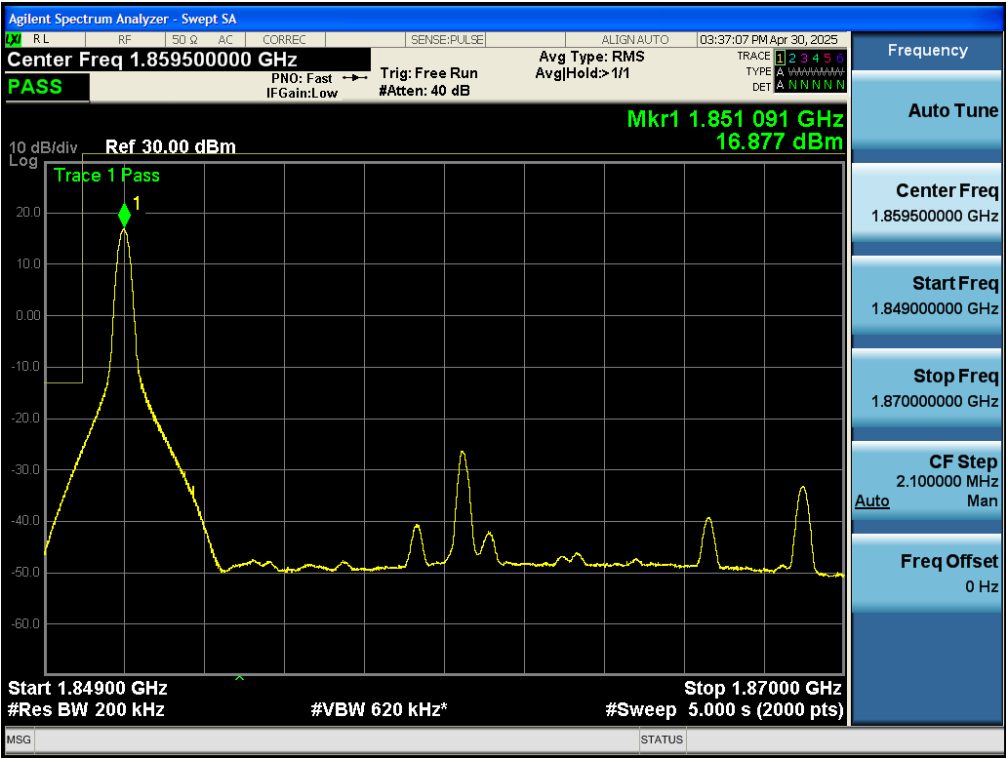
Test_Graph_band25_1860MHz_20M_16QAM_100RB#LOW_Band edge



Test_Graph_band25_1860MHz_20M_16QAM_1RB#LOW_Band edge



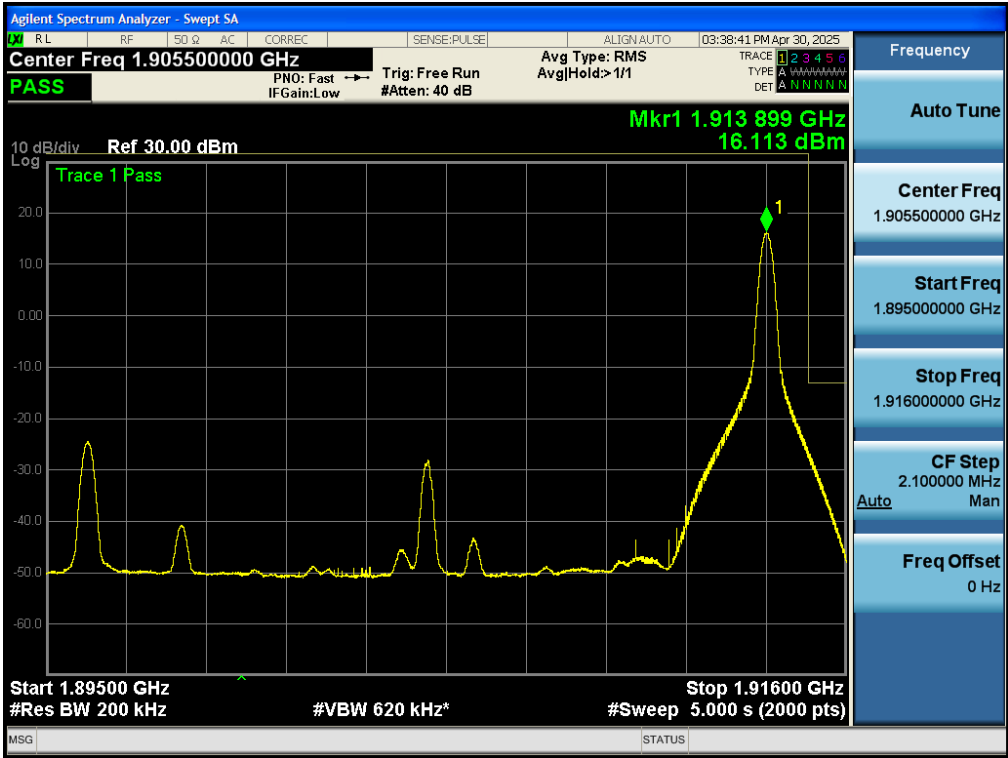
Test_Graph_band25_1860MHz_20M_QPSK_100RB#LOW_Band edge



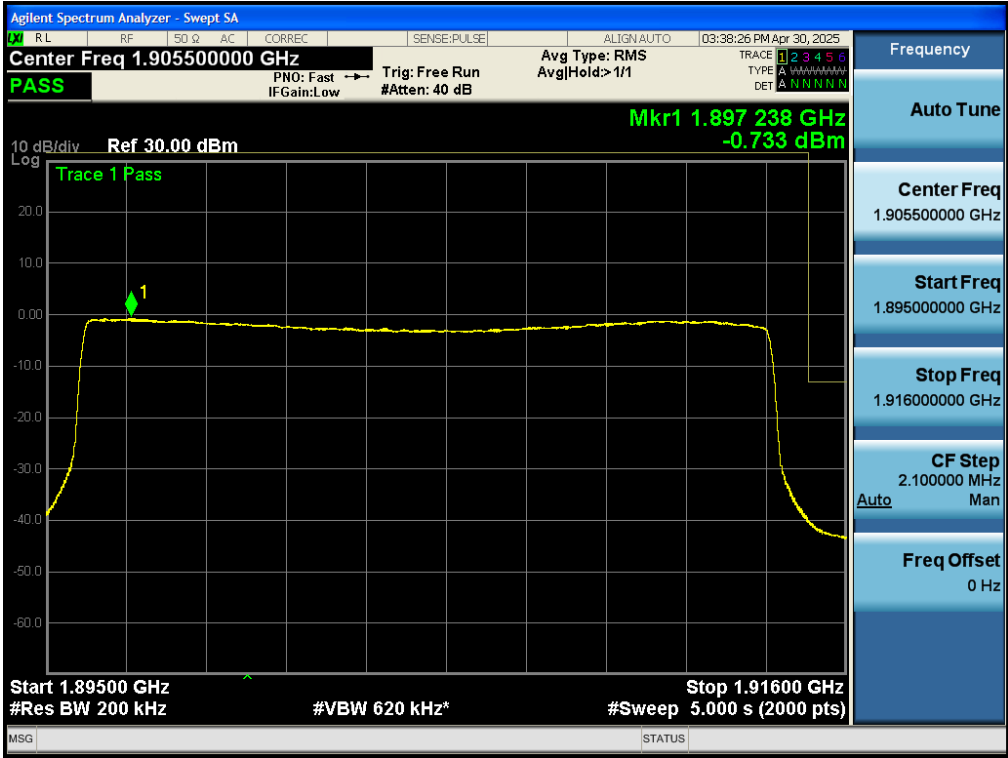
Test_Graph_band25_1860MHz_20M_QPSK_1RB#LOW_Band edge



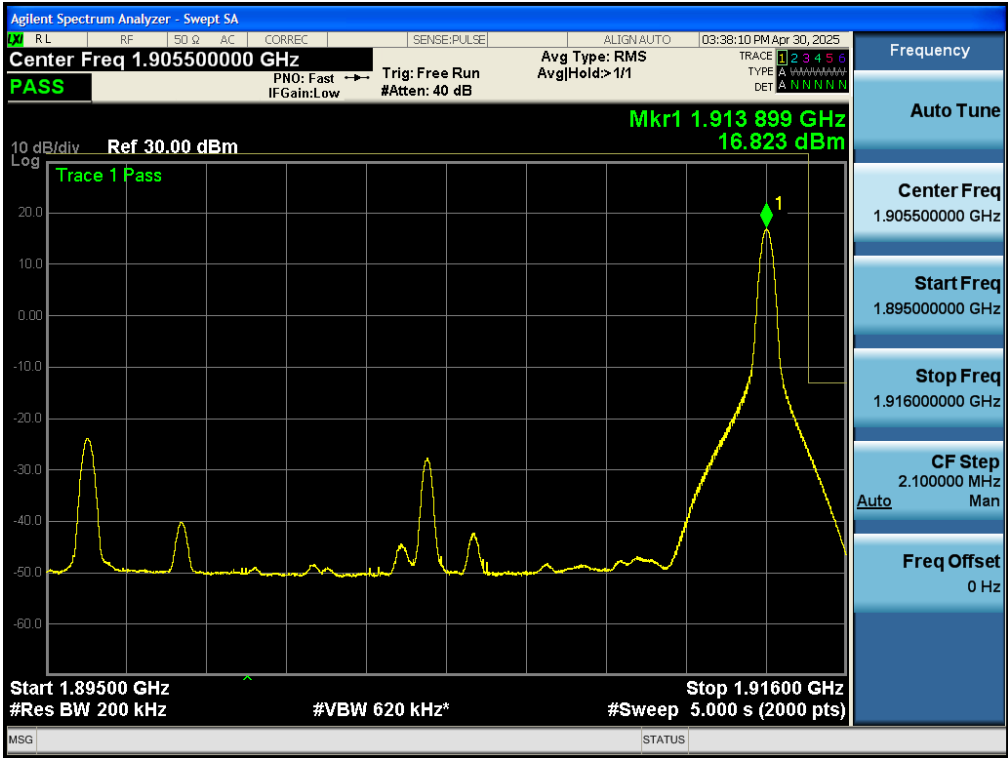
Test_Graph_band25_1905MHz_20M_16QAM_100RB#LOW_Band edge



Test_Graph_band25_1905MHz_20M_16QAM_1RB#HIGH_Band edge



Test_Graph_band25_1905MHz_20M_QPSK_100RB#LOW_Band edge



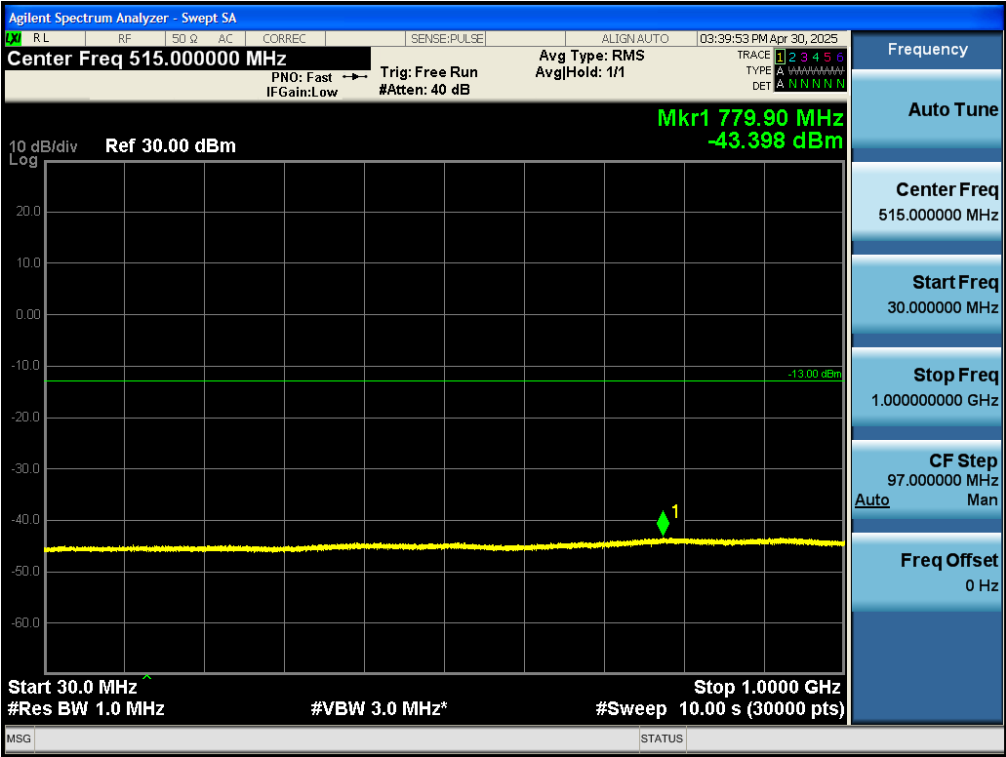
Test_Graph_band25_1905MHz_20M_QPSK_1RB#HIGH_Band edge

Appendix D: Unwanted spurious emissions at antenna terminals

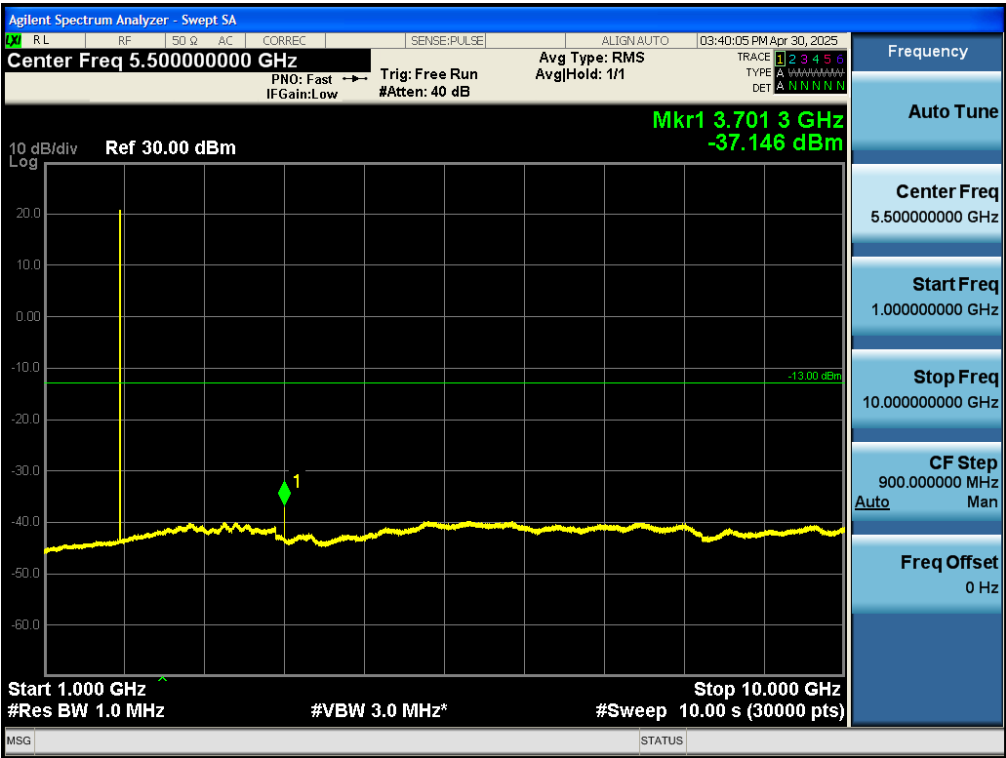
Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
25	1.4	1850.7	QPSK	6	LOW	Pass
25	1.4	1882.5	QPSK	6	LOW	Pass
25	1.4	1914.3	QPSK	6	LOW	Pass
25	3	1851.5	QPSK	15	LOW	Pass
25	3	1882.5	QPSK	15	LOW	Pass
25	3	1913.5	QPSK	15	LOW	Pass
25	5	1852.5	QPSK	25	LOW	Pass
25	5	1882.5	QPSK	25	LOW	Pass
25	5	1912.5	QPSK	25	LOW	Pass
25	10	1855	QPSK	50	LOW	Pass
25	10	1882.5	QPSK	50	LOW	Pass
25	10	1910	QPSK	50	LOW	Pass
25	15	1857.5	QPSK	75	LOW	Pass
25	15	1882.5	QPSK	75	LOW	Pass
25	15	1907.5	QPSK	75	LOW	Pass
25	20	1860	QPSK	100	LOW	Pass
25	20	1882.5	QPSK	100	LOW	Pass
25	20	1905	QPSK	100	LOW	Pass

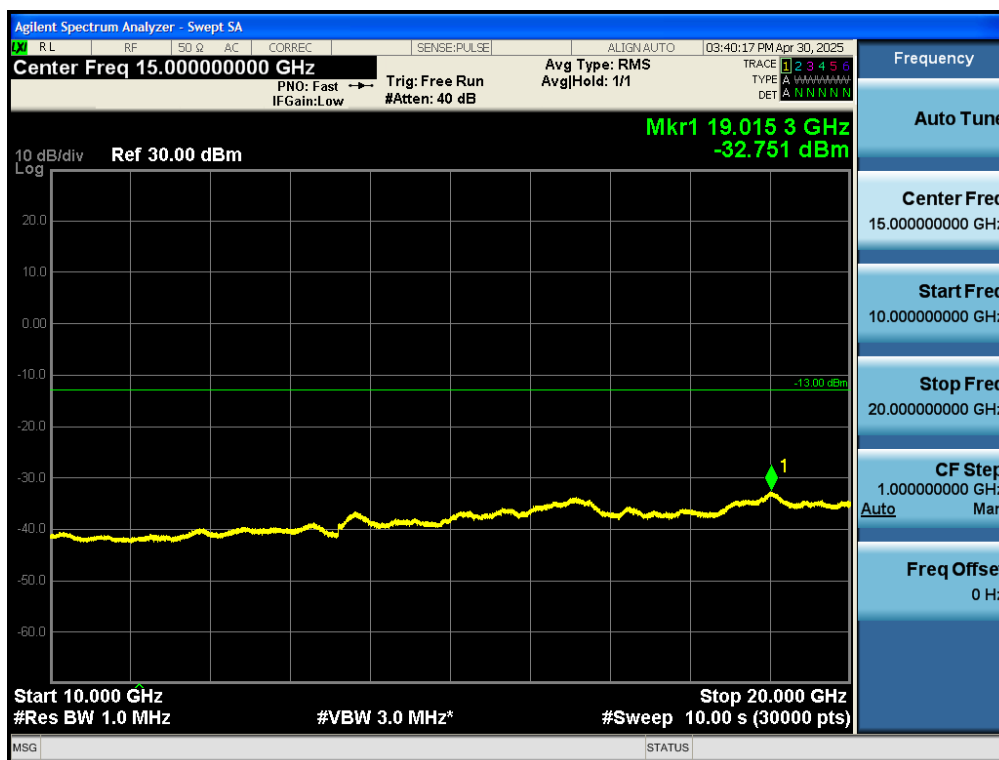
Test Graphs



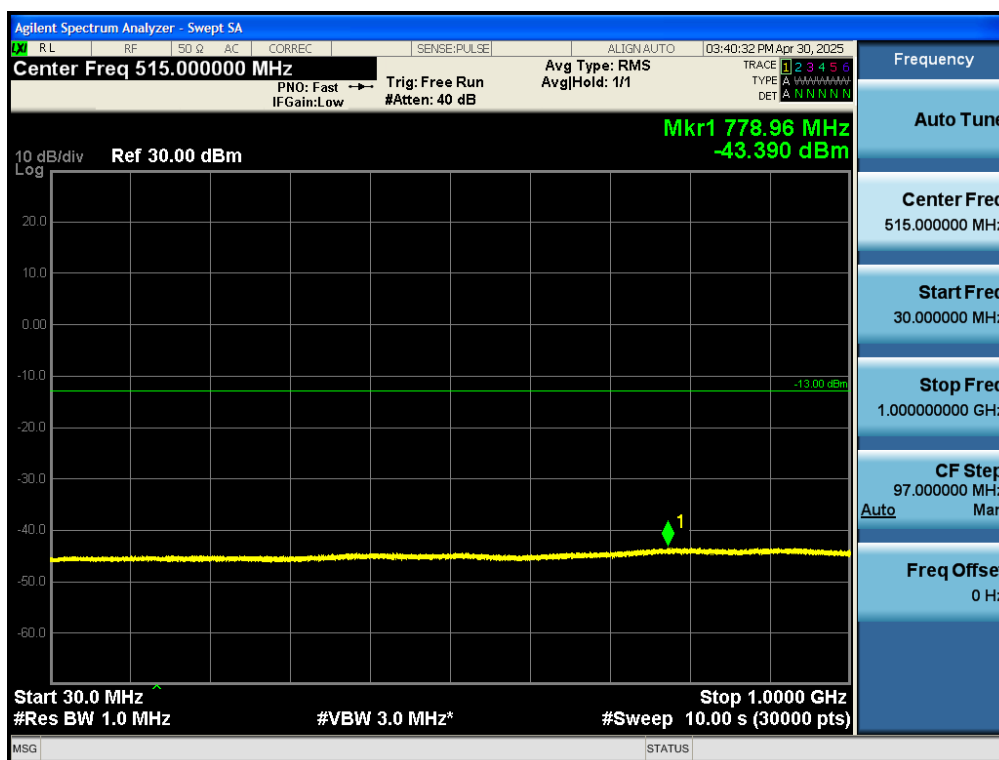
Test_Graph_band25_1850.7MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX



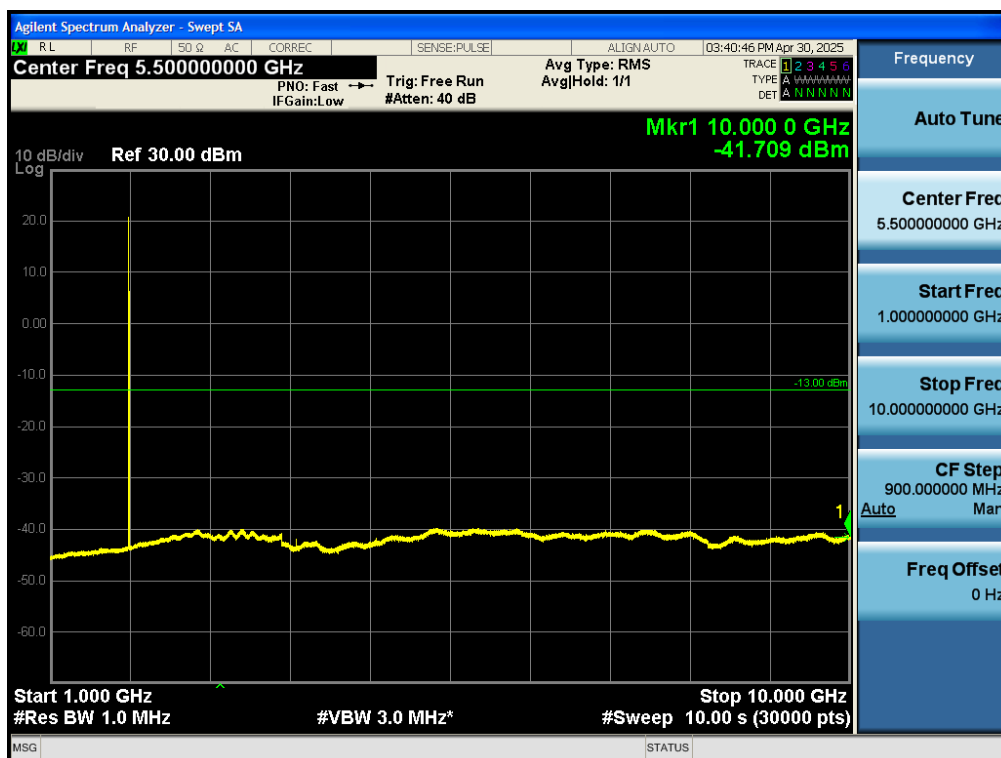
Test_Graph_band25_1850.7MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX



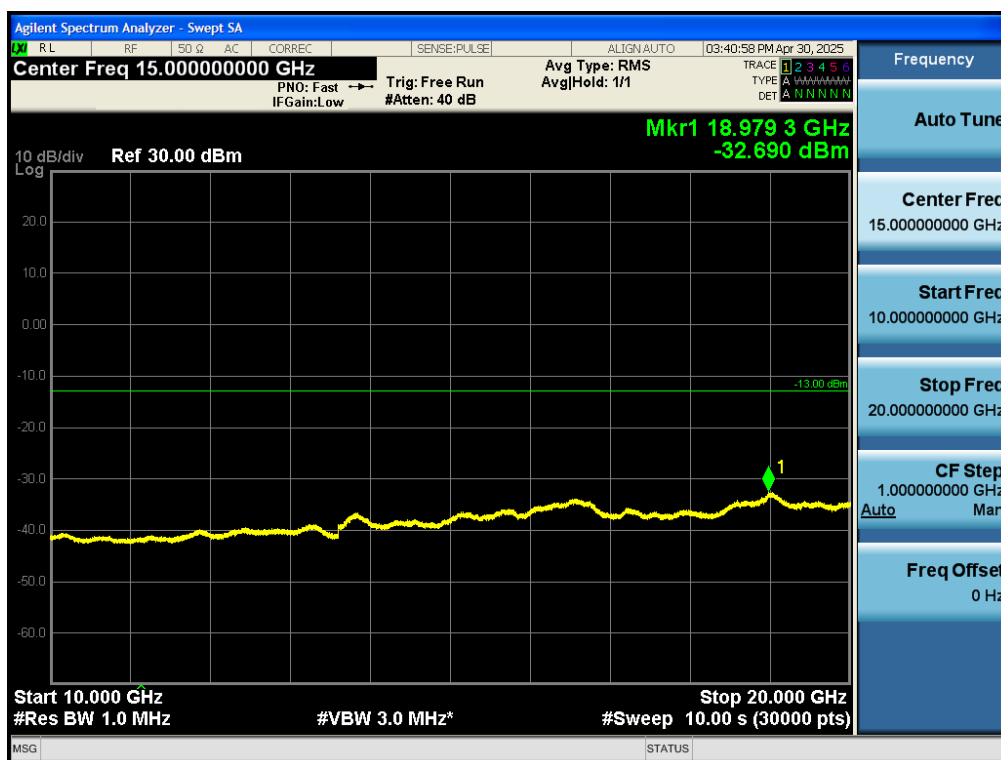
Test_Graph_band25_1850.7MHz_1.4M_QPSK_6RB#LOW_10G_20.0G_TX



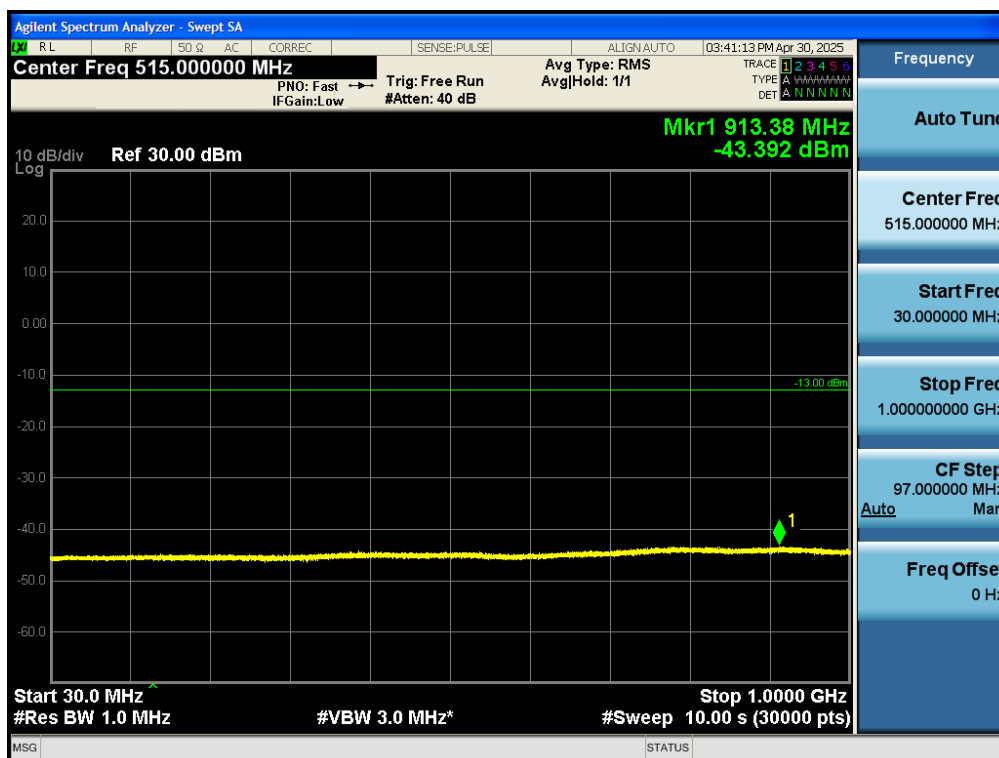
Test_Graph_band25_1882.5MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX



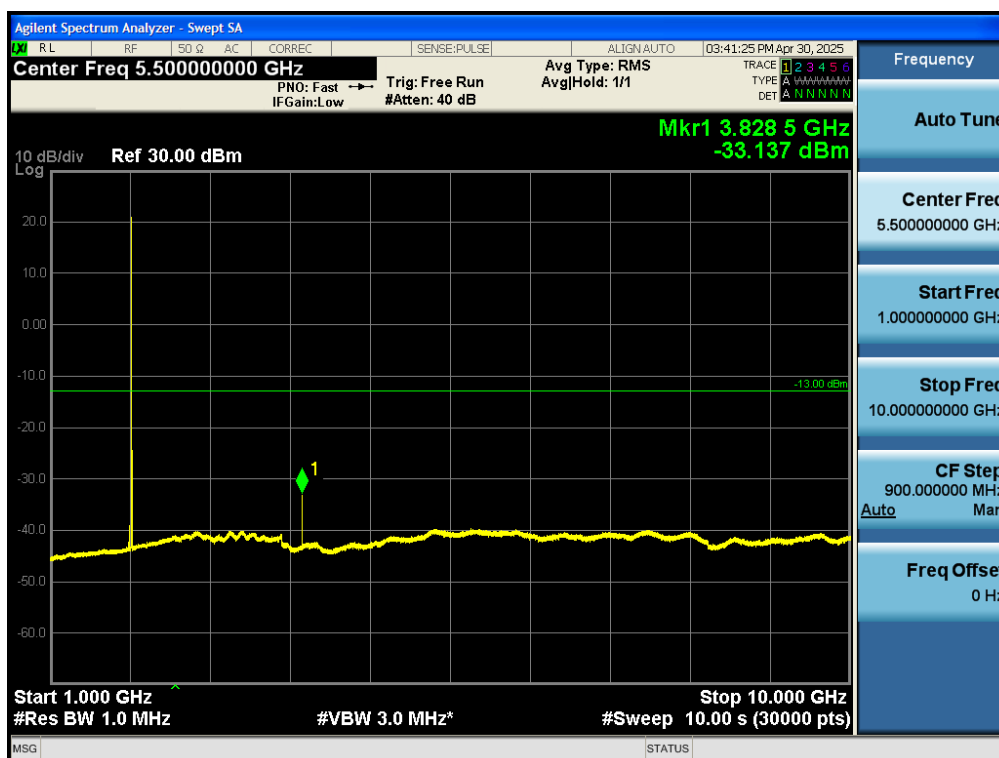
Test_Graph_band25_1882.5MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX



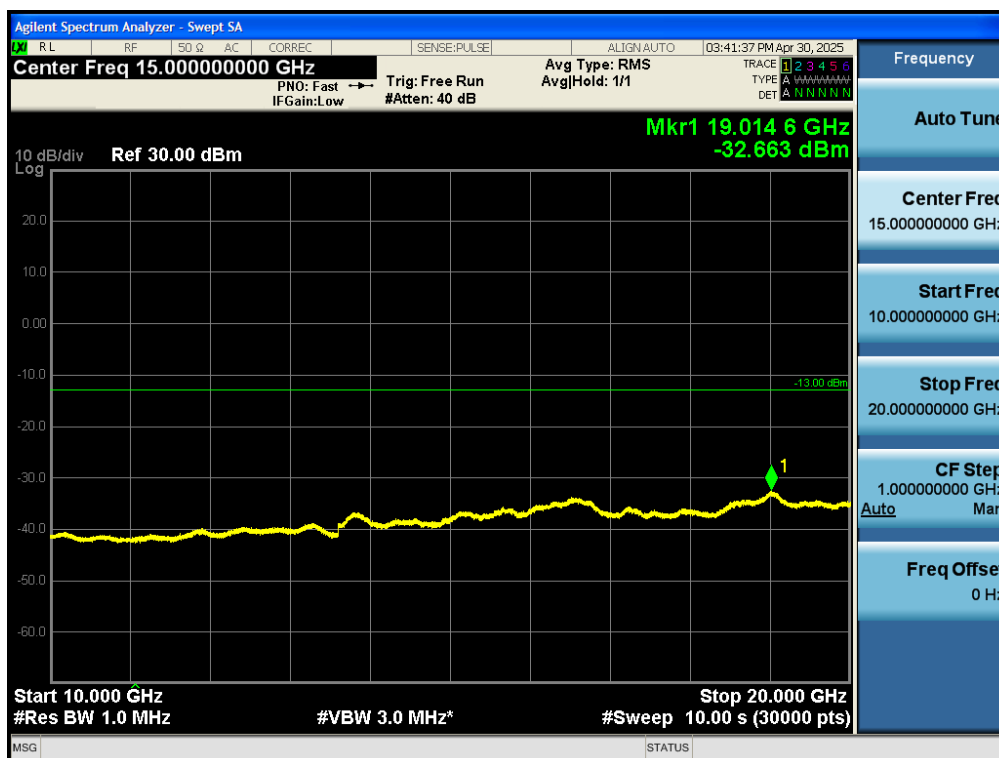
Test_Graph_band25_1882.5MHz_1.4M_QPSK_6RB#LOW_10G_20.0G_TX



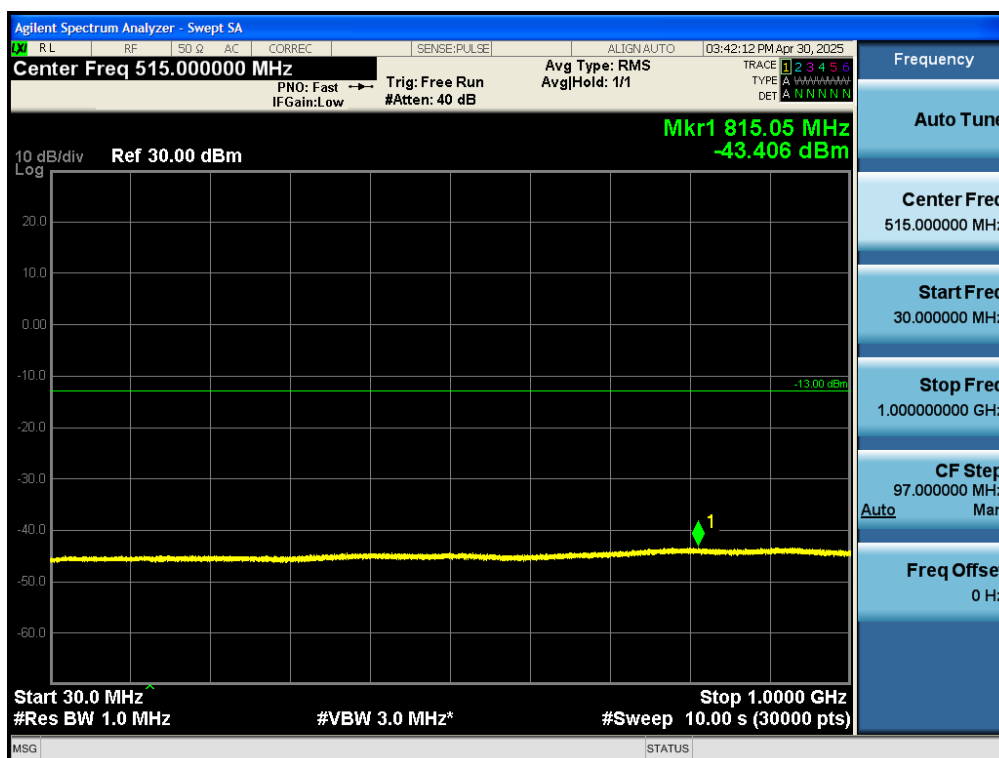
Test_Graph_band25_1914.3MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX



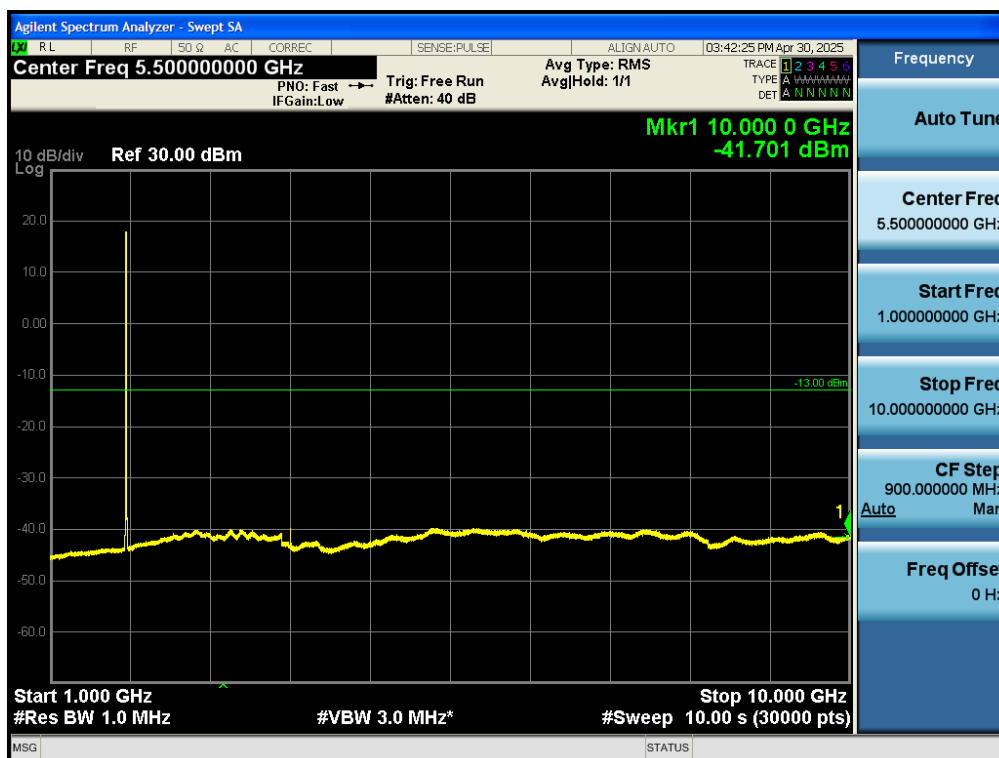
Test_Graph_band25_1914.3MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX



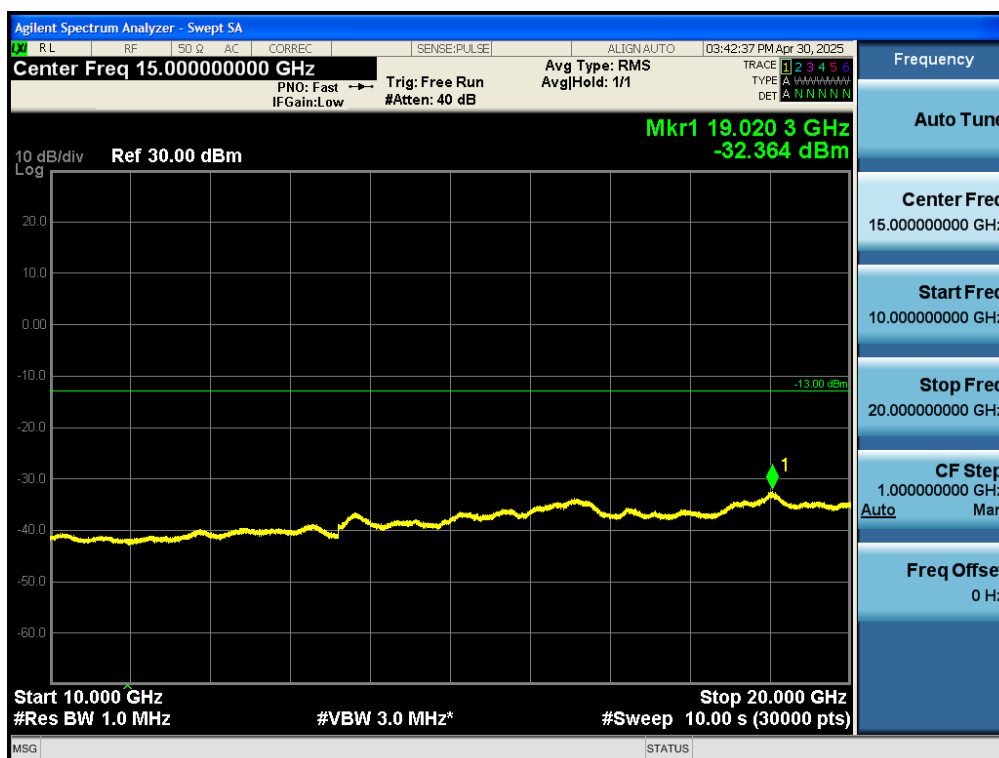
Test_Graph_band25_1914.3MHz_1.4M_QPSK_6RB#LOW_10G_20.0G_TX



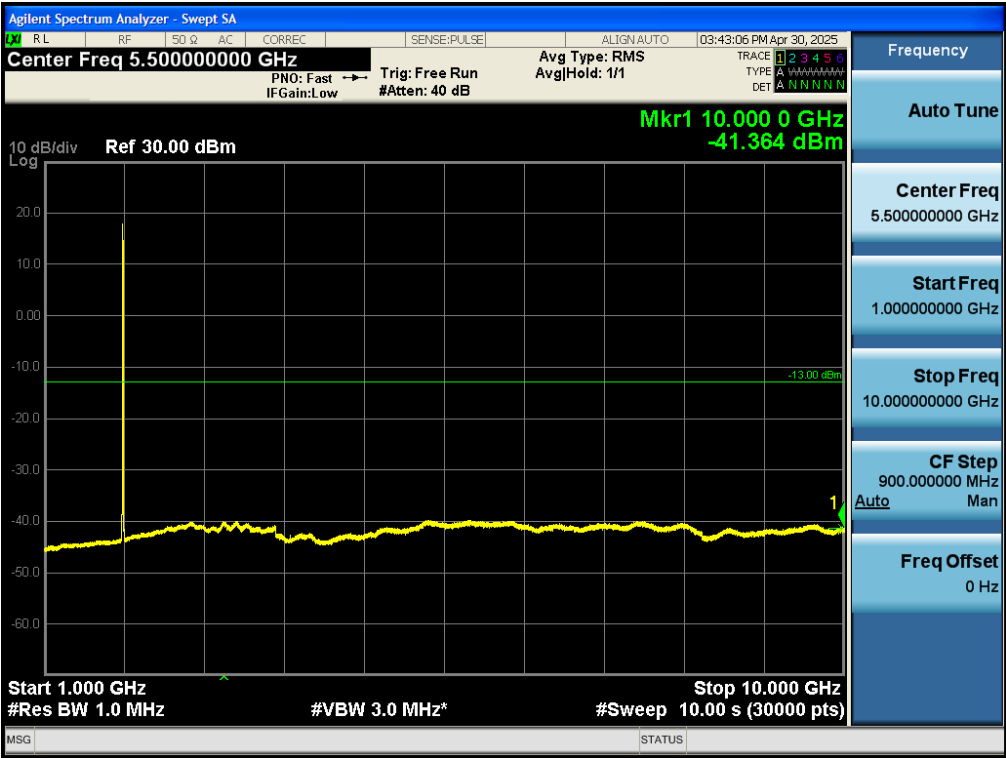
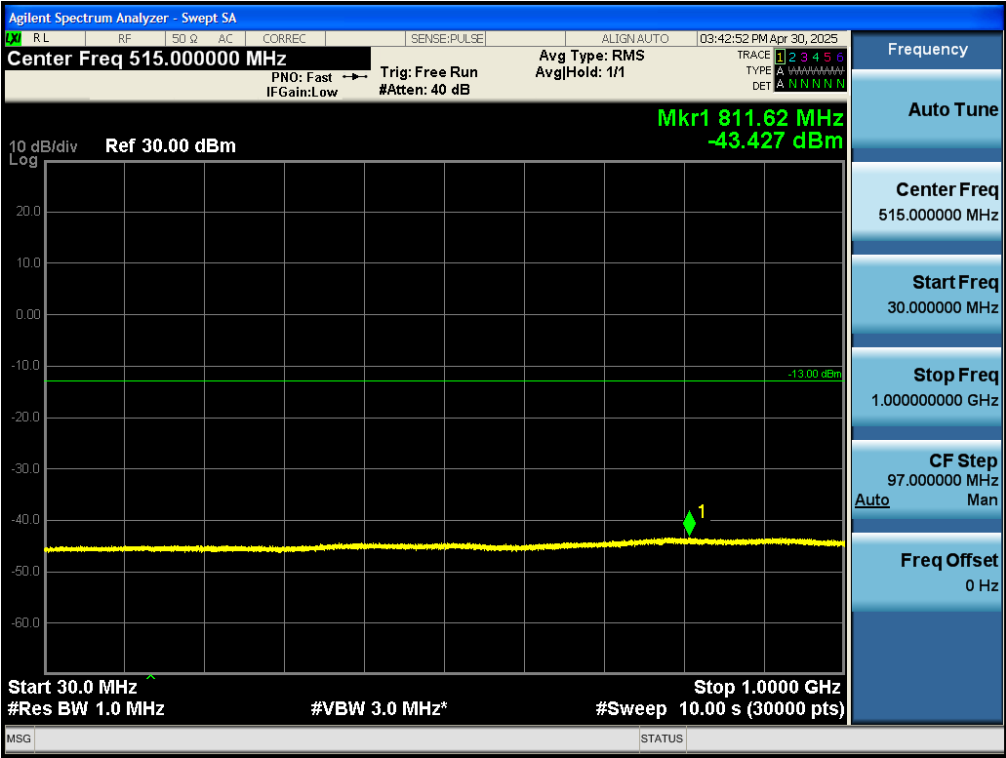
Test_Graph_band25_1851.5MHz_3M_QPSK_15RB#LOW_30M_1G_TX

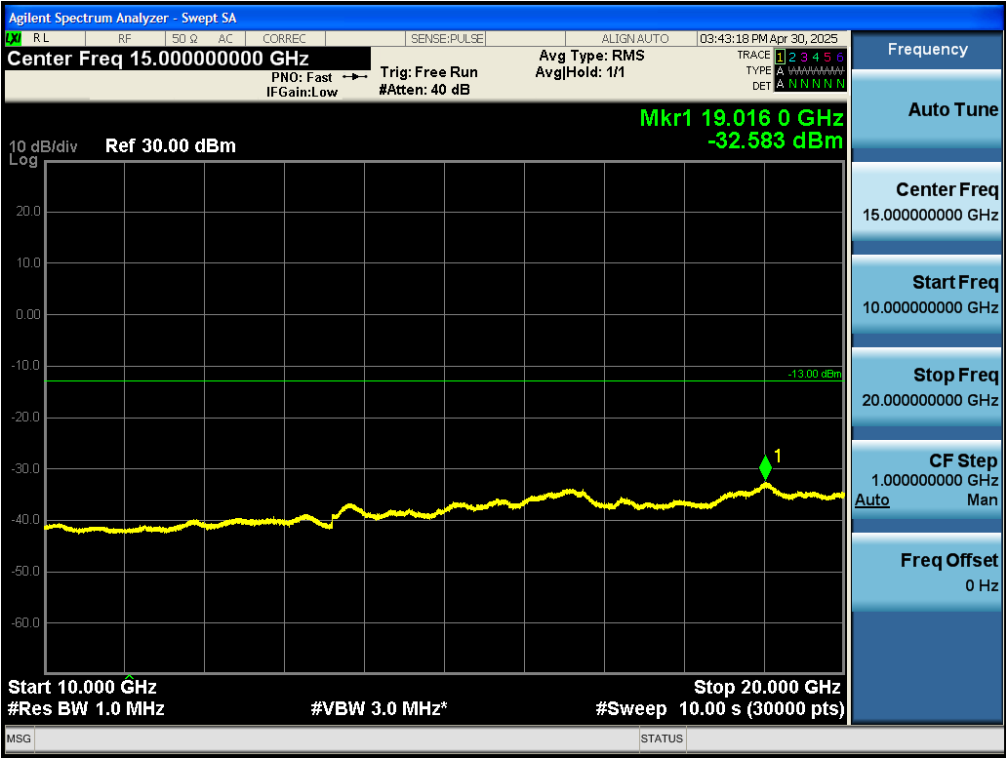


Test_Graph_band25_1851.5MHz_3M_QPSK_15RB#LOW_1G_10G_TX

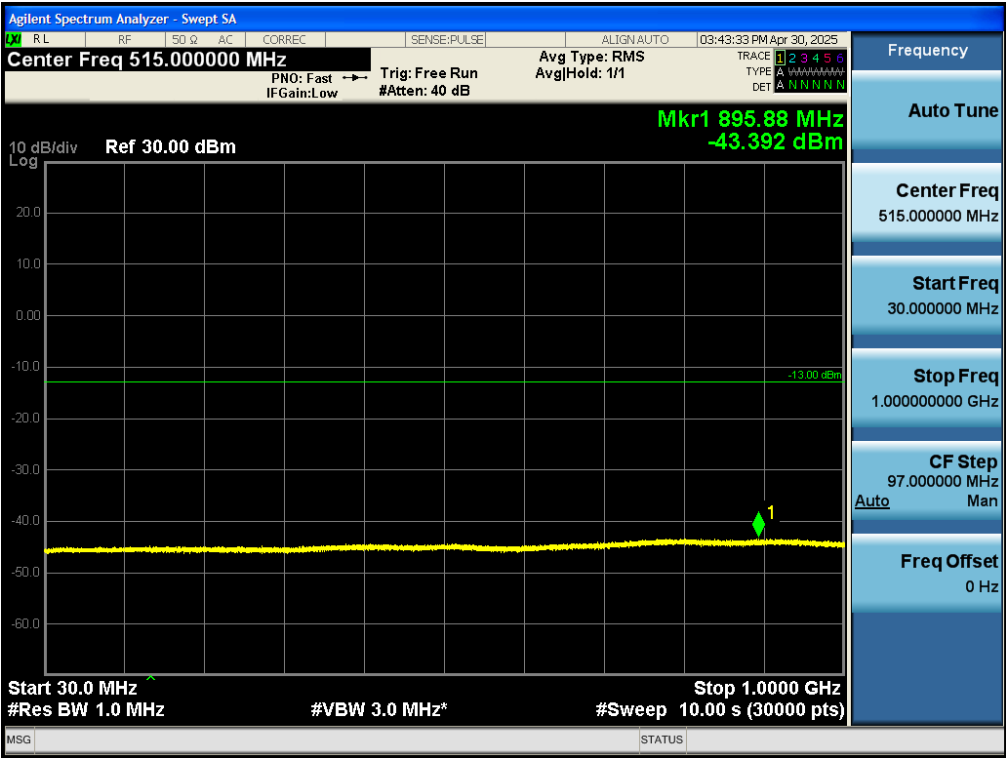


Test_Graph_band25_1851.5MHz_3M_QPSK_15RB#LOW_10G_20.0G_TX

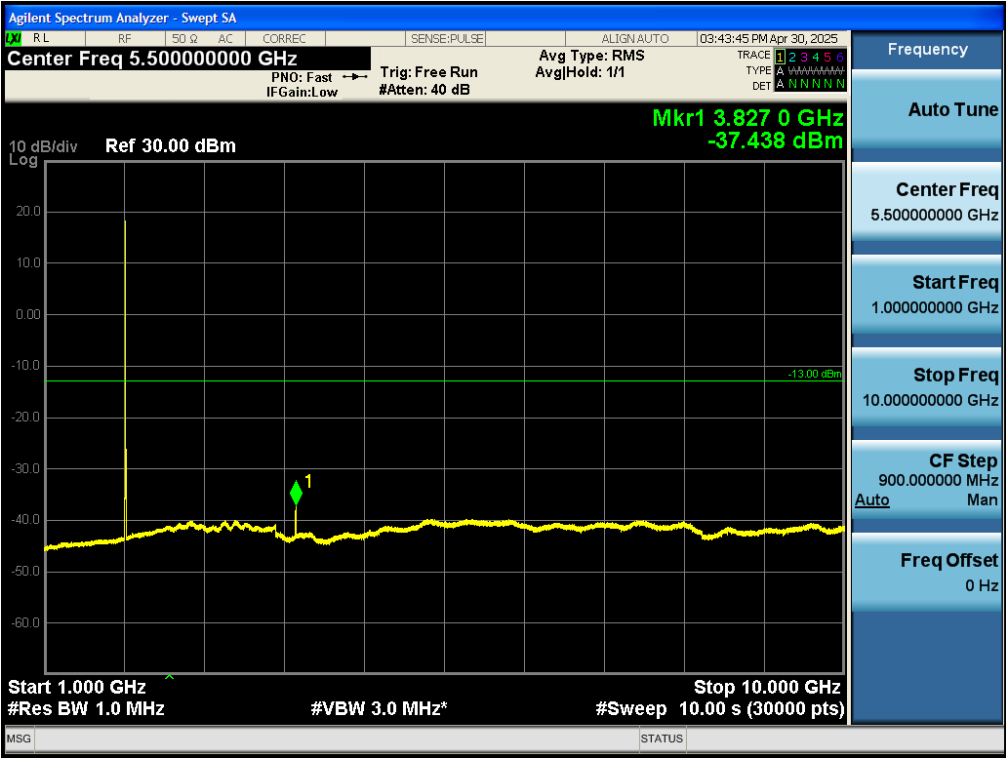




Test_Graph_band25_1882.5MHz_3M_QPSK_15RB#LOW_10G_20.0G_TX



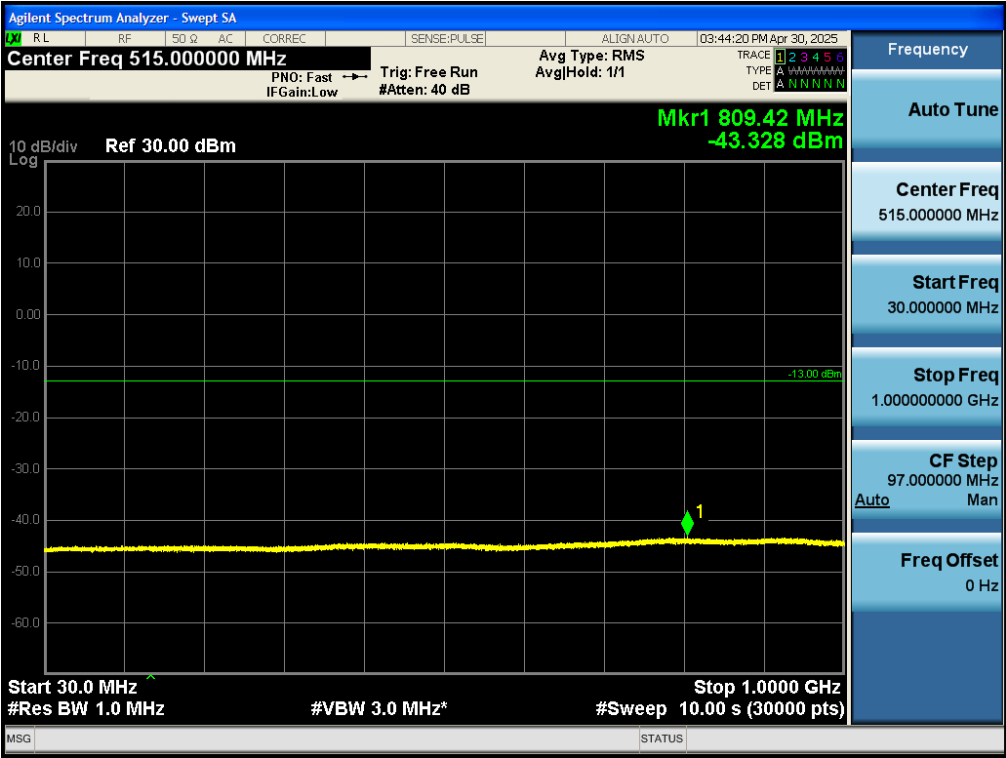
Test_Graph_band25_1913.5MHz_3M_QPSK_15RB#LOW_30M_1G_TX



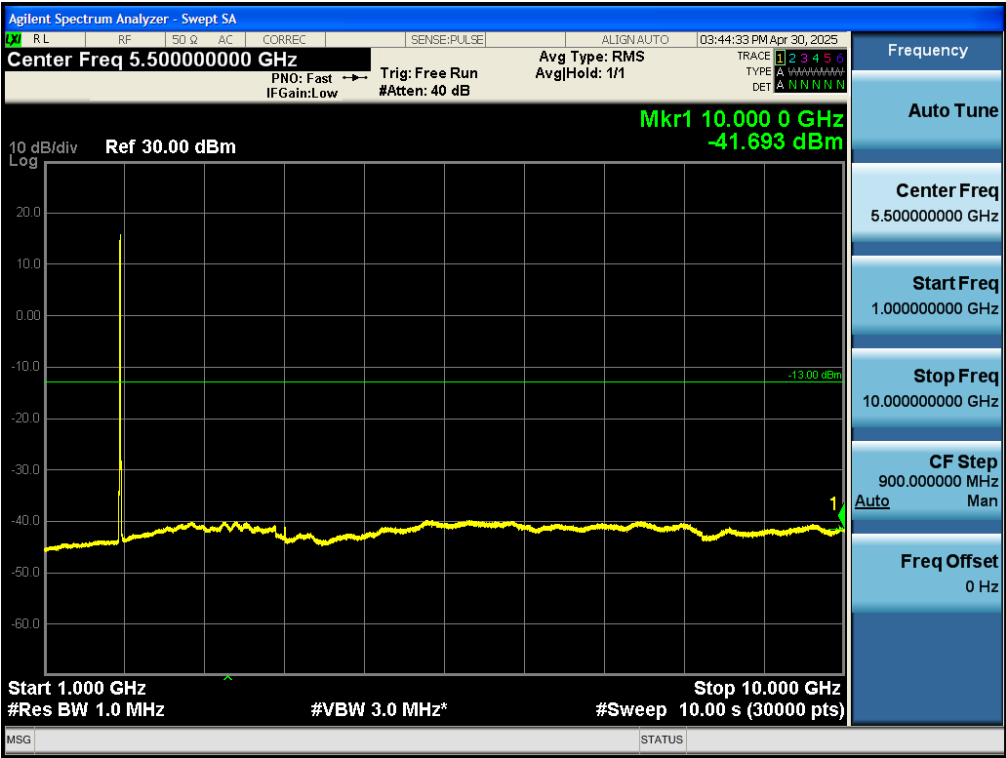
Test_Graph_band25_1913.5MHz_3M_QPSK_15RB#LOW_1G_10G_TX



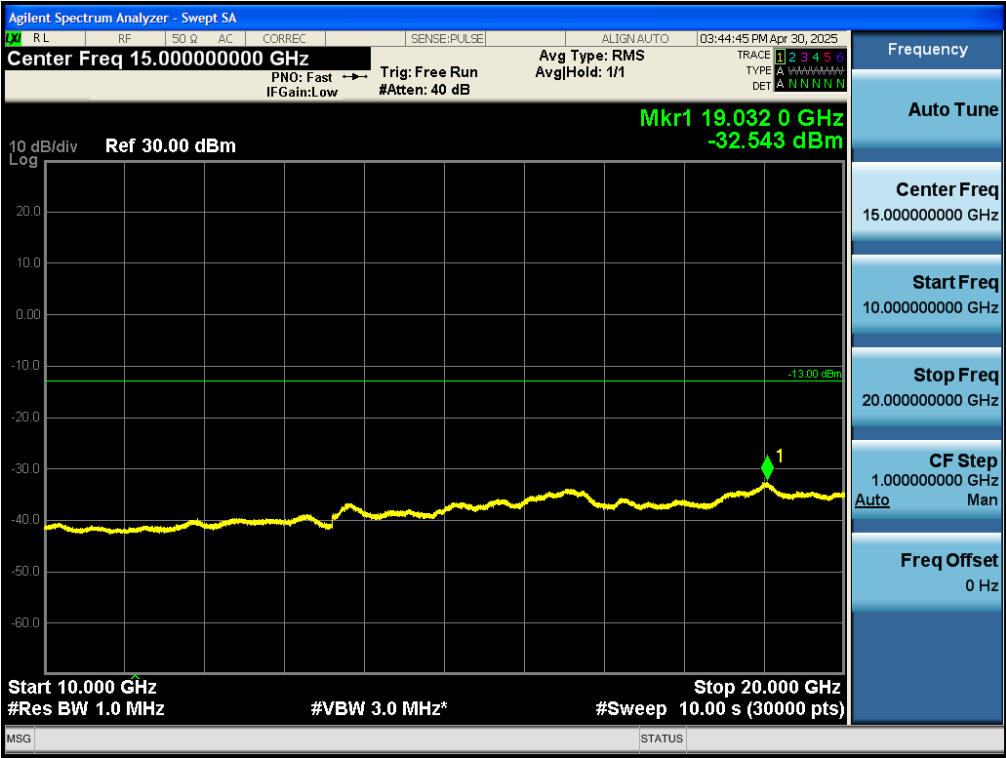
Test_Graph_band25_1913.5MHz_3M_QPSK_15RB#LOW_10G_20.0G_TX



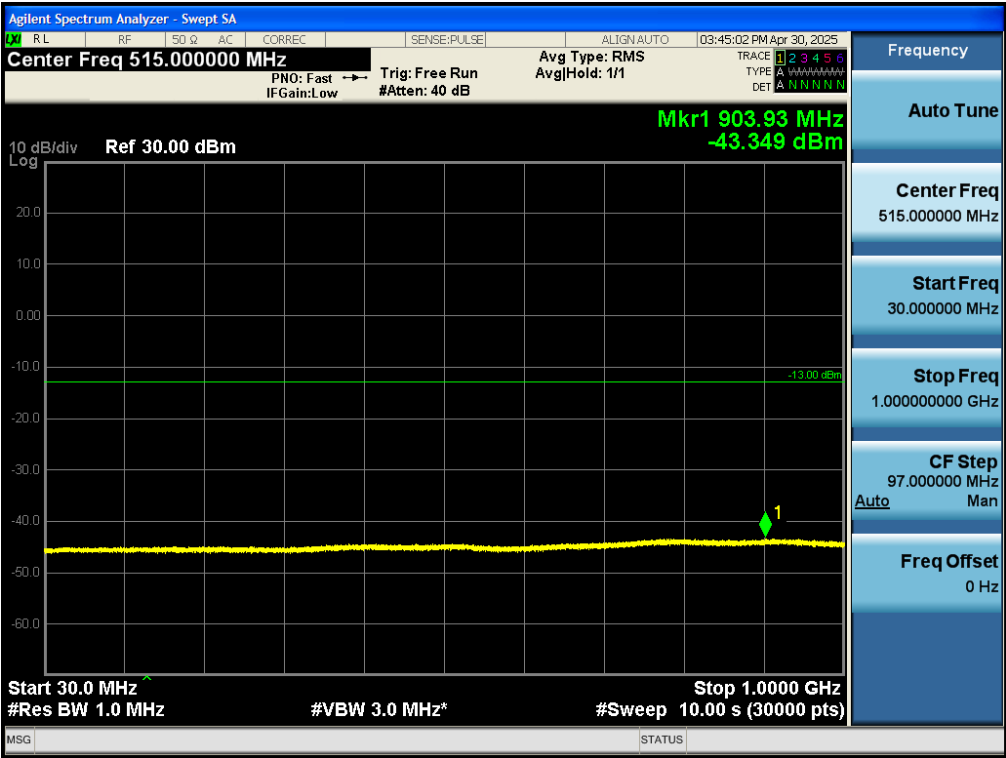
Test_Graph_band25_1852.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX



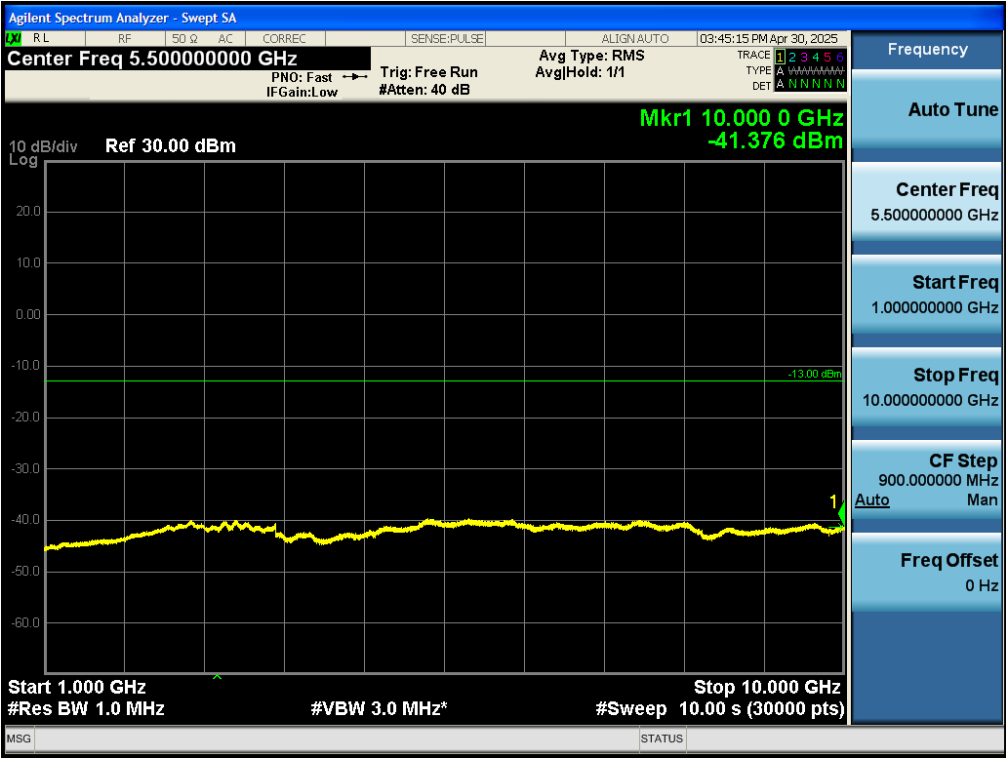
Test_Graph_band25_1852.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX



Test_Graph_band25_1852.5MHz_5M_QPSK_25RB#LOW_10G_20.0G_TX



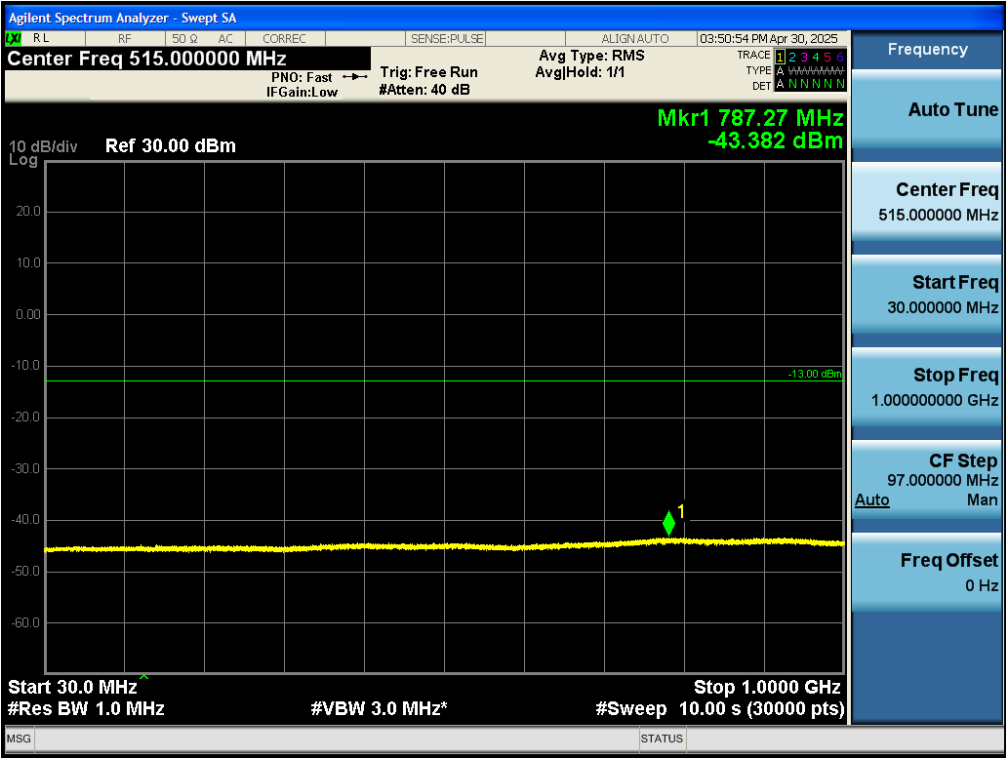
Test_Graph_band25_1882.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX



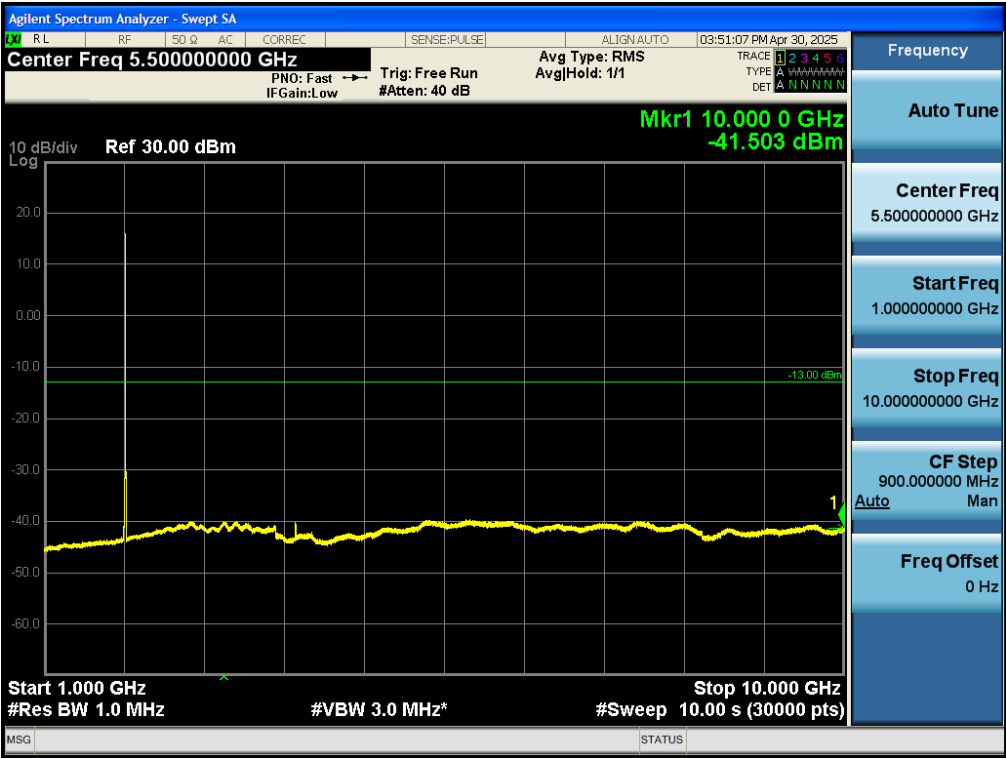
Test_Graph_band25_1882.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX



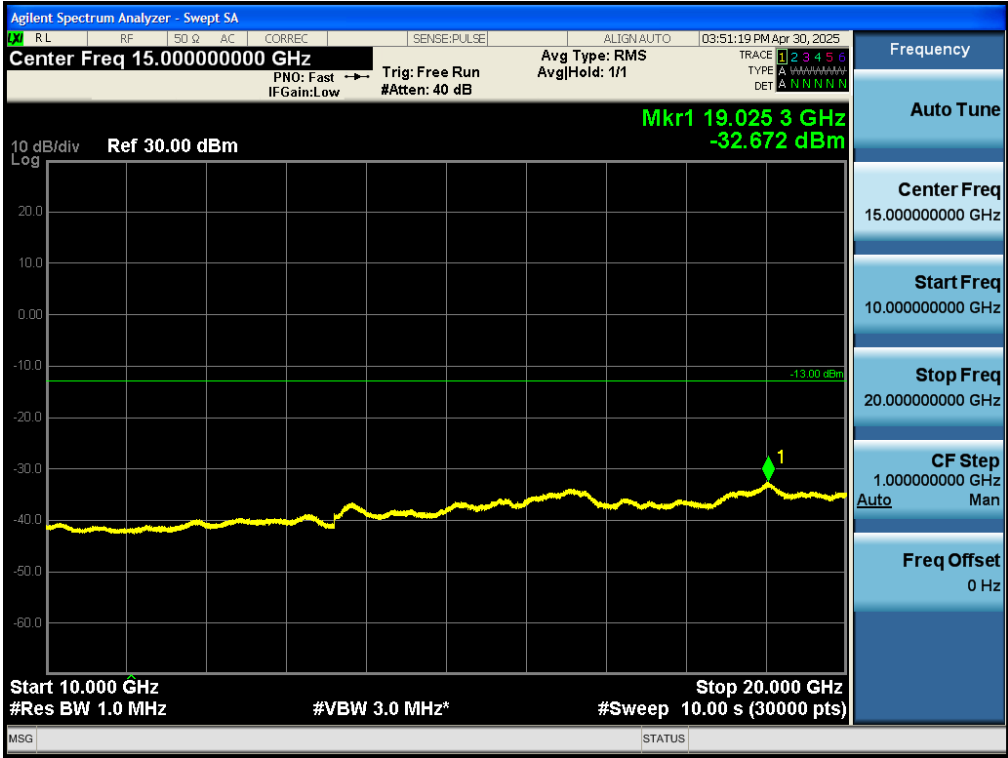
Test_Graph_band25_1882.5MHz_5M_QPSK_25RB#LOW_10G_20.0G_TX



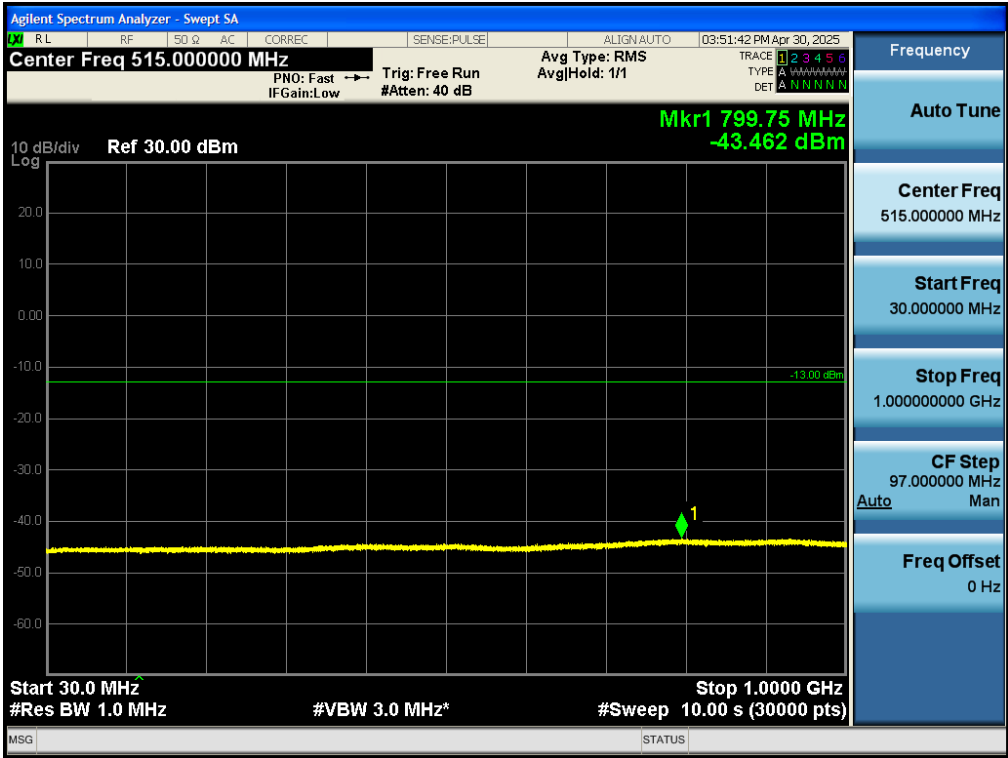
Test_Graph_band25_1912.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX



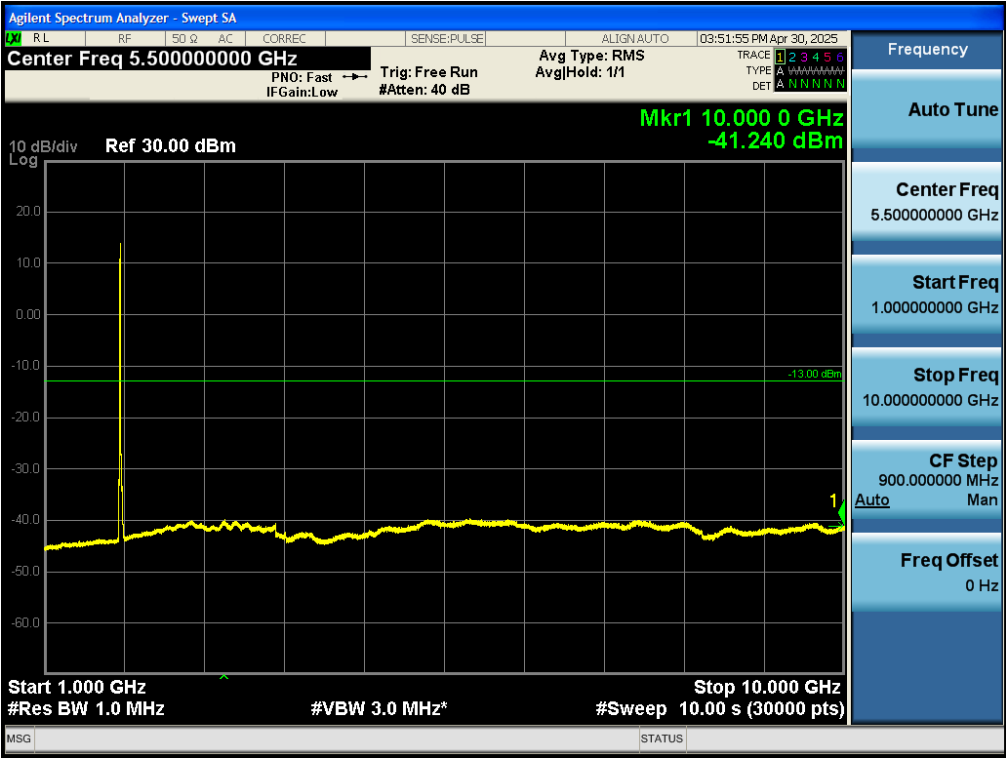
Test_Graph_band25_1912.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX



Test_Graph_band25_1912.5MHz_5M_QPSK_25RB#LOW_10G_20.0G_TX



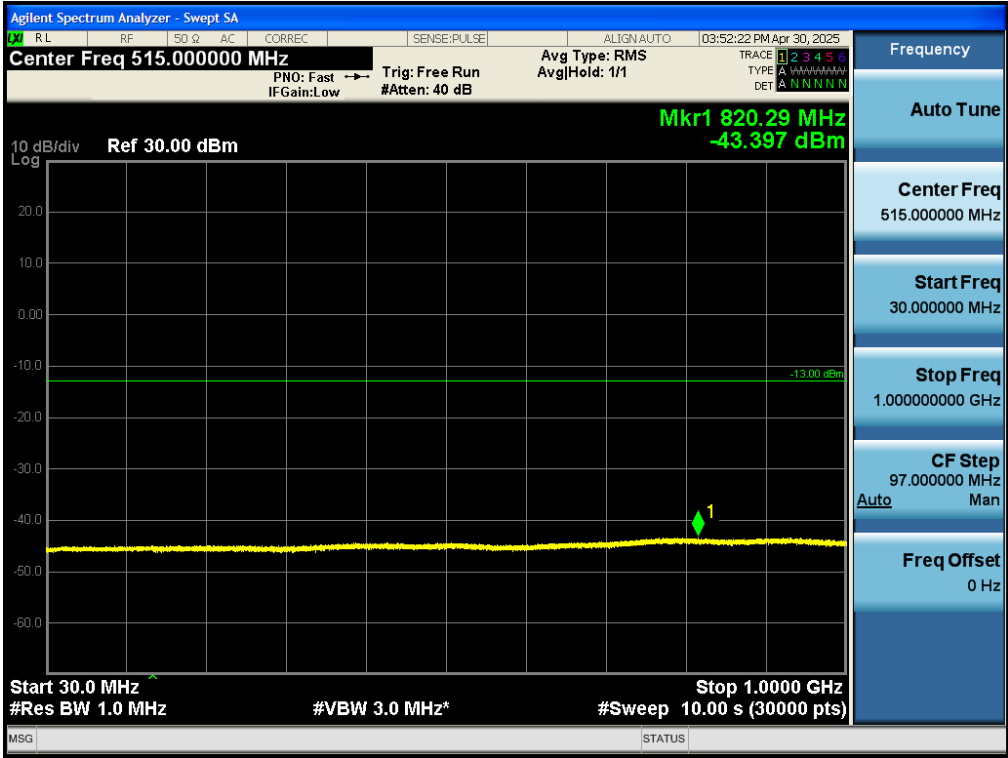
Test_Graph_band25_1855MHz_10M_QPSK_50RB#LOW_30M_1G_TX



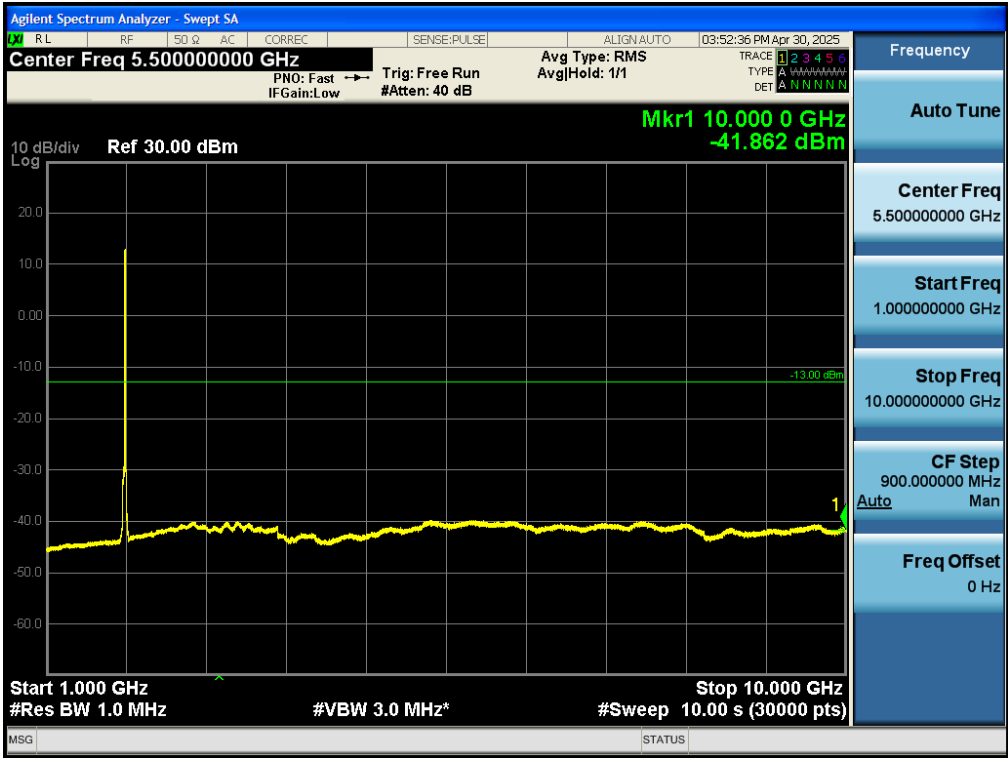
Test_Graph_band25_1855MHz_10M_QPSK_50RB#LOW_1G_10G_TX



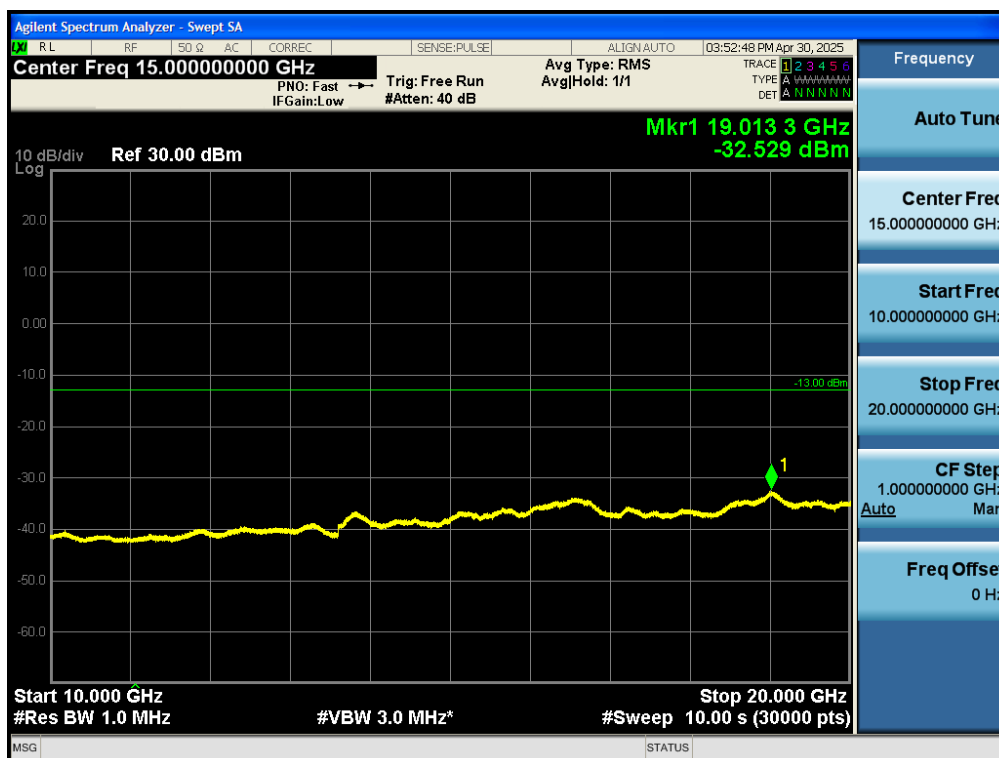
Test_Graph_band25_1855MHz_10M_QPSK_50RB#LOW_10G_20.0G_TX



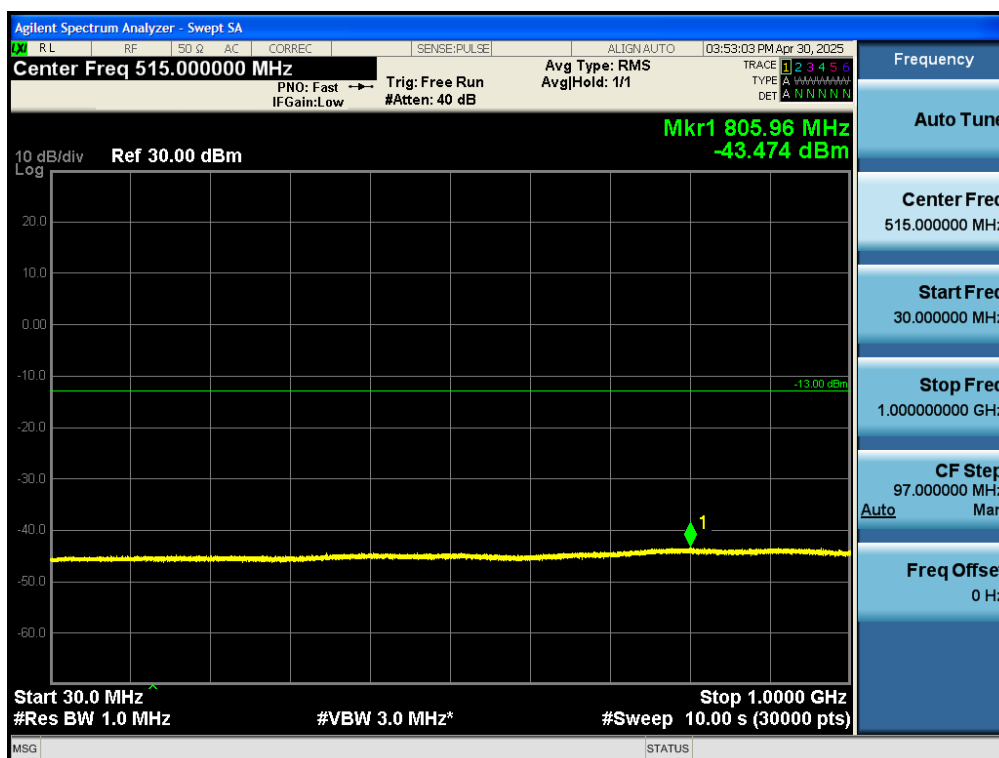
Test_Graph_band25_1882.5MHz_10M_QPSK_50RB#LOW_30M_1G_TX



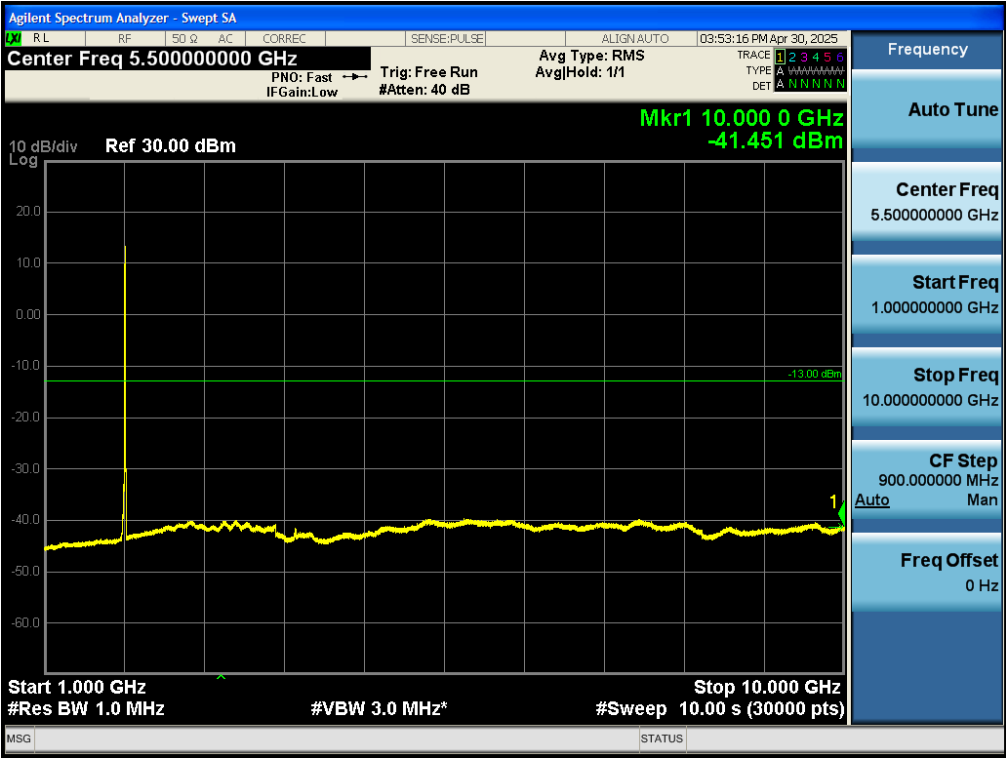
Test_Graph_band25_1882.5MHz_10M_QPSK_50RB#LOW_1G_10G_TX



Test_Graph_band25_1882.5MHz_10M_QPSK_50RB#LOW_10G_20.0G_TX



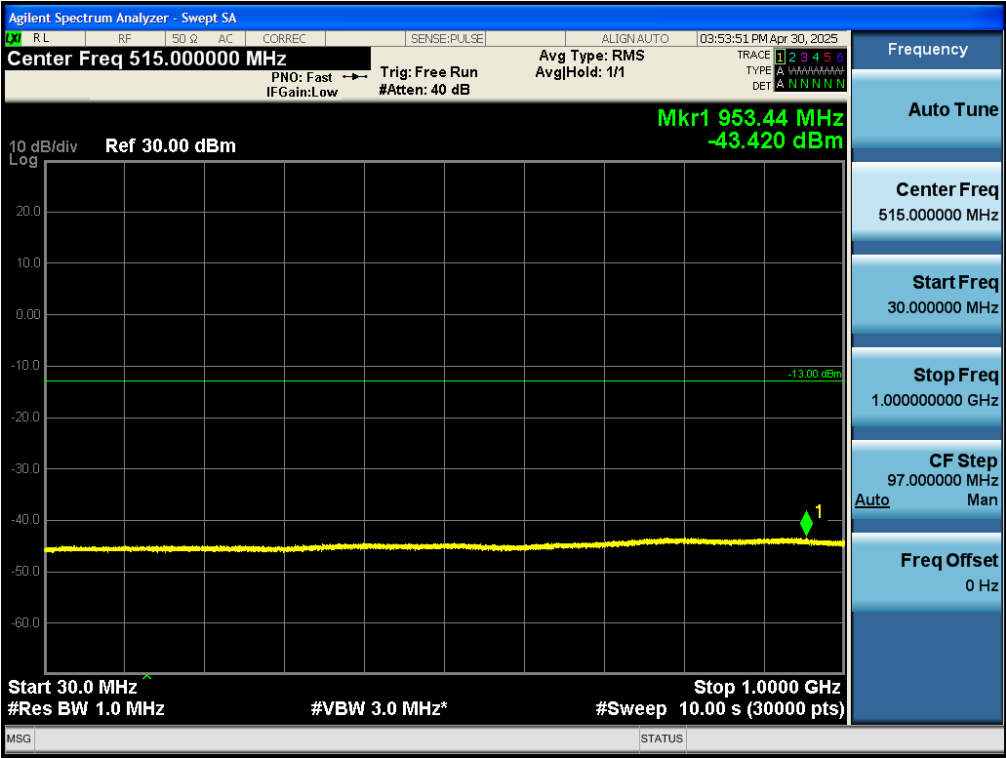
Test_Graph_band25_1910MHz_10M_QPSK_50RB#LOW_30M_1G_TX



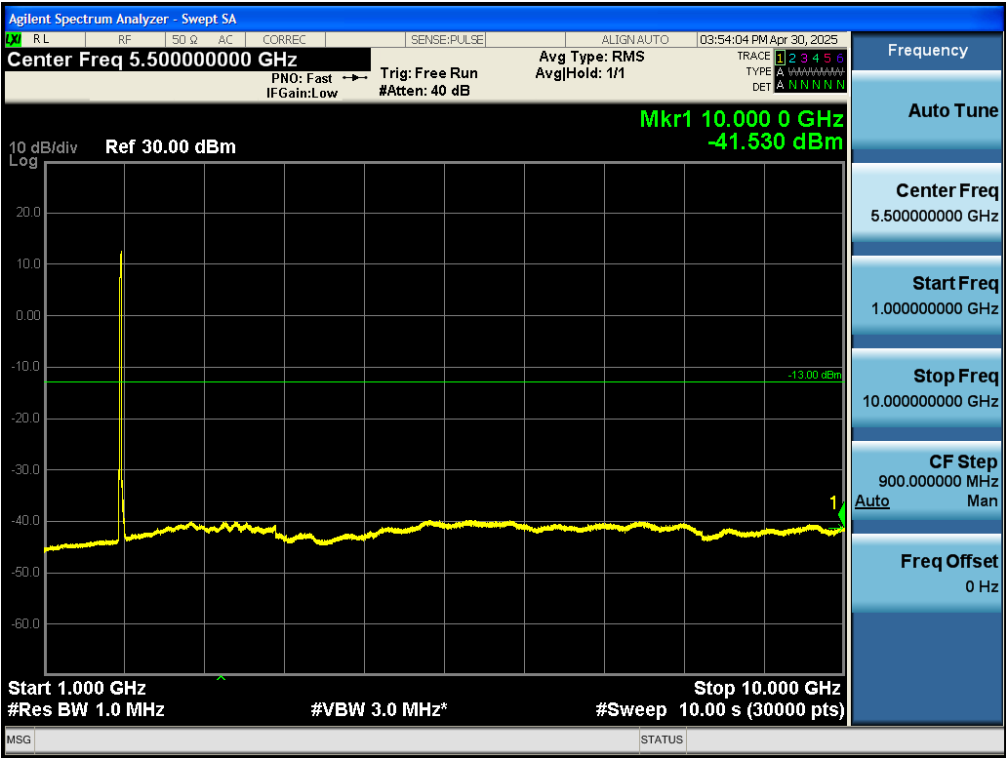
Test_Graph_band25_1910MHz_10M_QPSK_50RB#LOW_1G_10G_TX



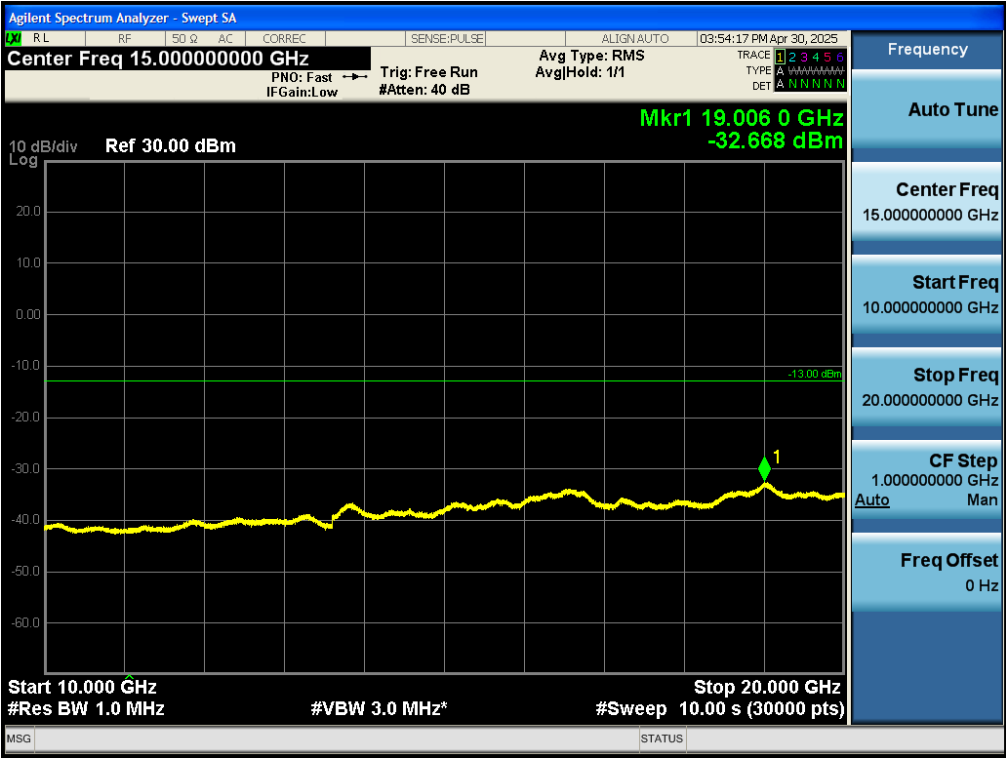
Test_Graph_band25_1910MHz_10M_QPSK_50RB#LOW_10G_20.0G_TX



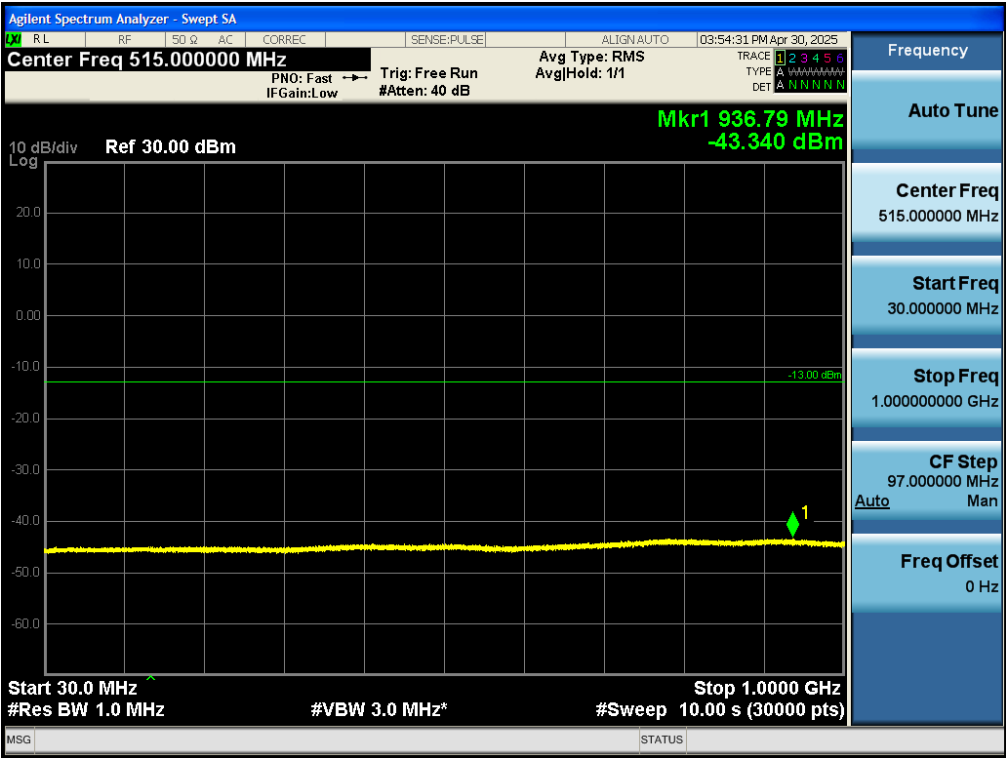
Test_Graph_band25_1857.5MHz_15M_QPSK_75RB#LOW_30M_1G_TX



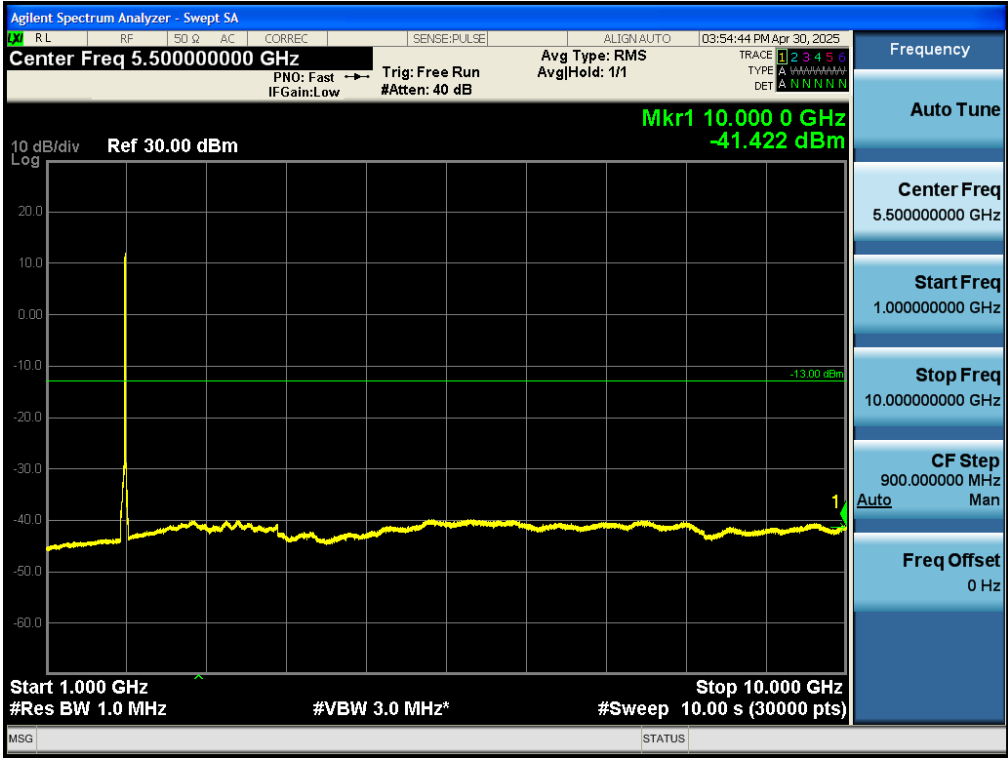
Test_Graph_band25_1857.5MHz_15M_QPSK_75RB#LOW_1G_10G_TX



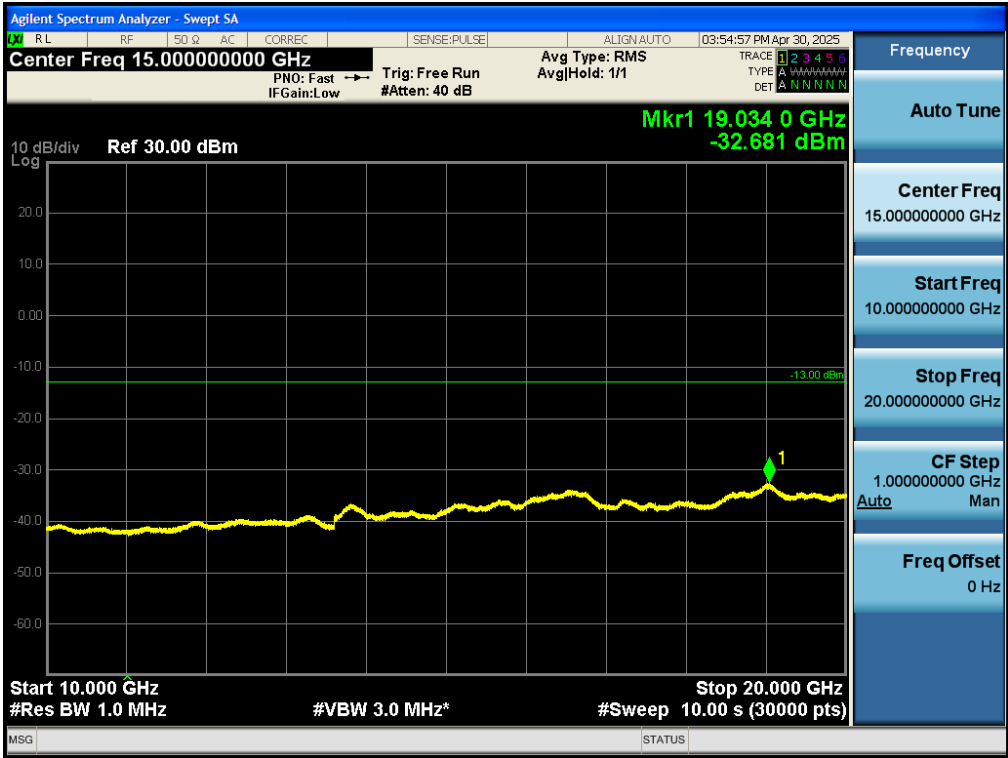
Test_Graph_band25_1857.5MHz_15M_QPSK_75RB#LOW_10G_20.0G_TX



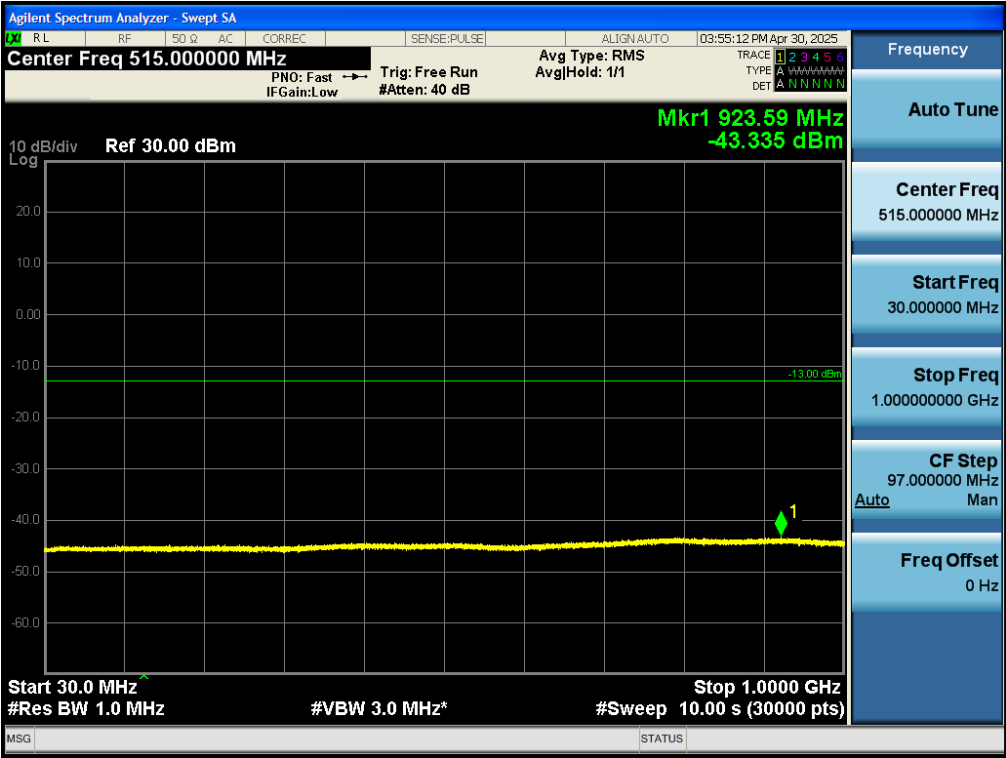
Test_Graph_band25_1882.5MHz_15M_QPSK_75RB#LOW_30M_1G_TX



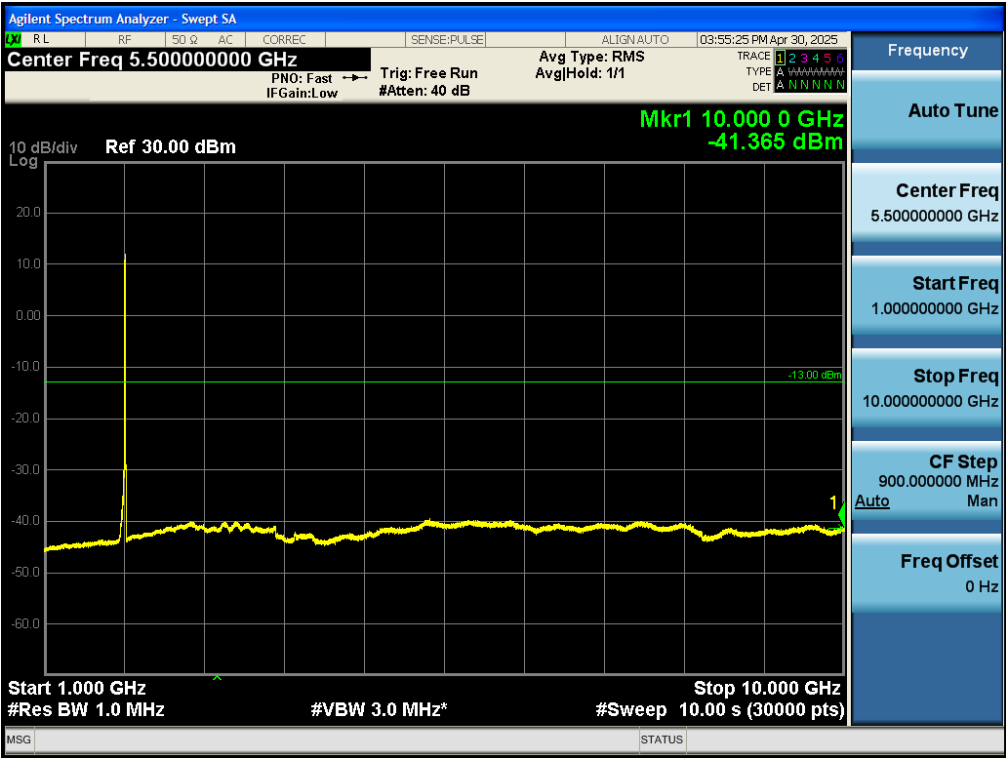
Test_Graph_band25_1882.5MHz_15M_QPSK_75RB#LOW_1G_10G_TX



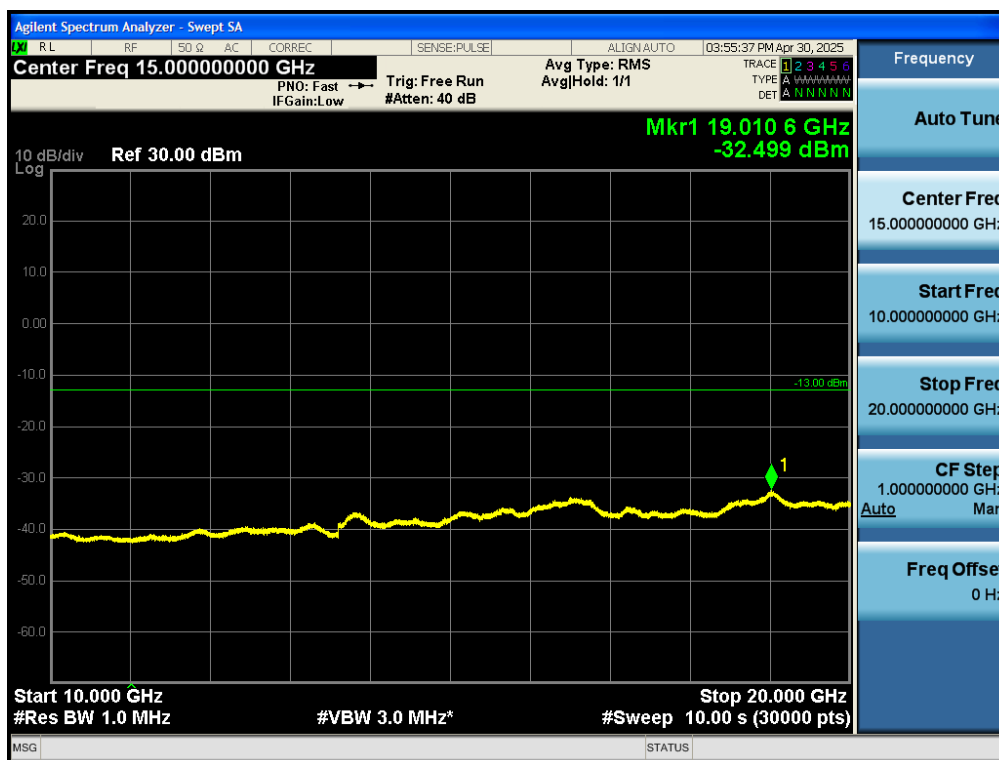
Test_Graph_band25_1882.5MHz_15M_QPSK_75RB#LOW_1G_20.0G_TX



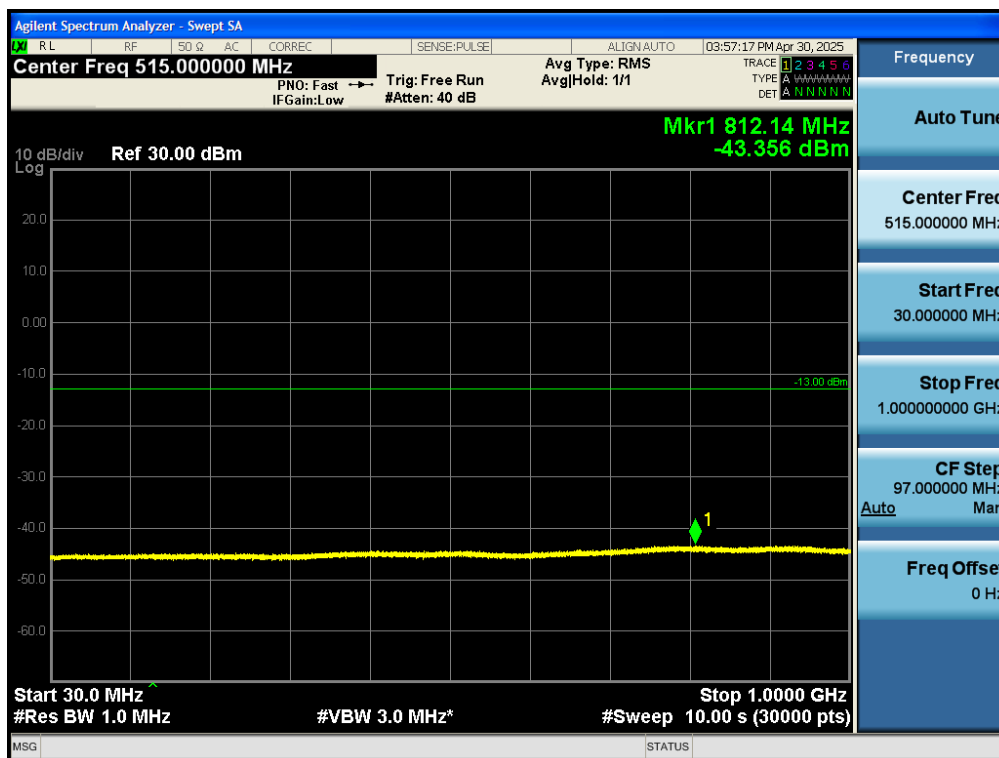
Test_Graph_band25_1907.5MHz_15M_QPSK_75RB#LOW_30M_1G_TX



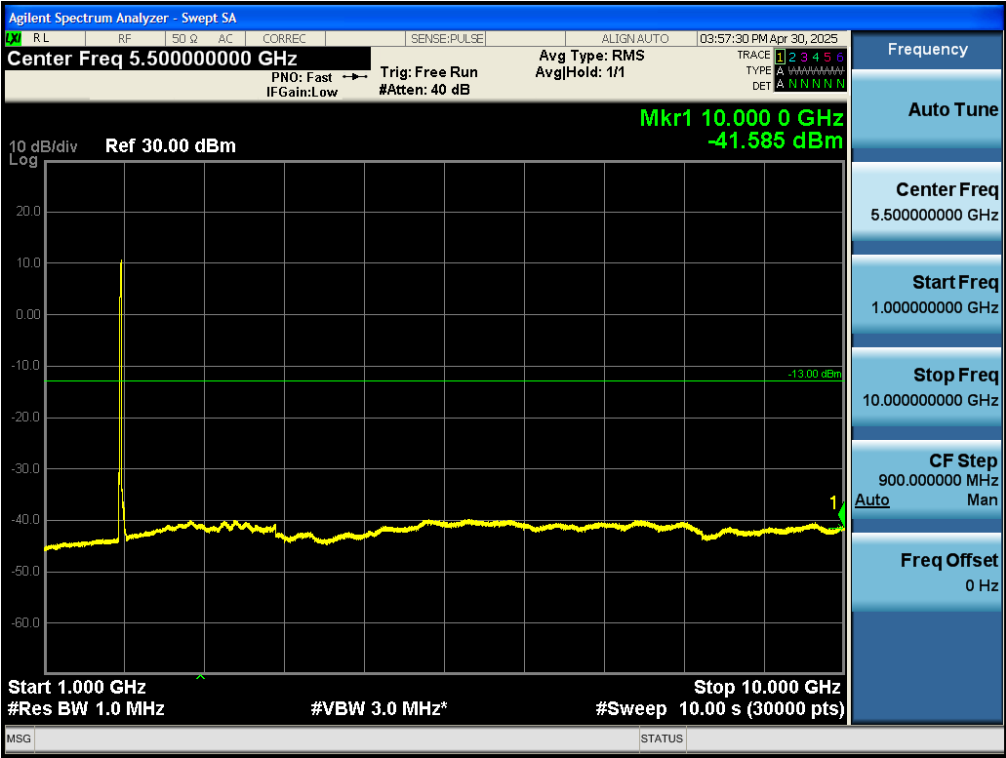
Test_Graph_band25_1907.5MHz_15M_QPSK_75RB#LOW_1G_10G_TX



Test_Graph_band25_1907.5MHz_15M_QPSK_75RB#LOW_10G_20.0G_TX



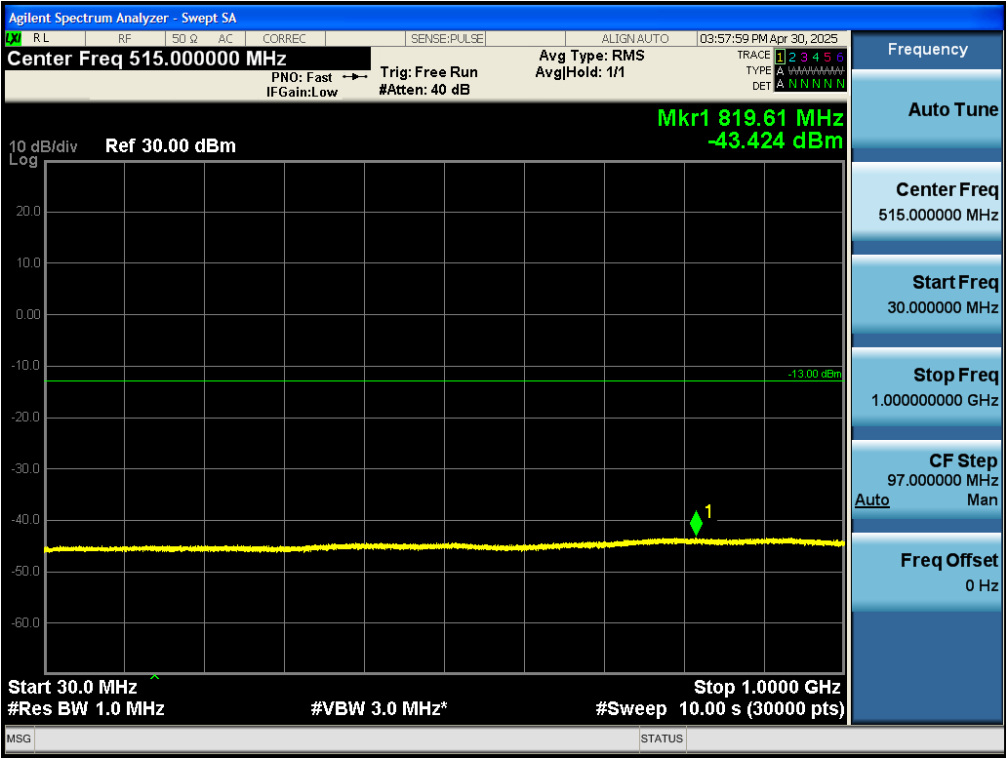
Test_Graph_band25_1860MHz_20M_QPSK_100RB#LOW_30M_1G_TX



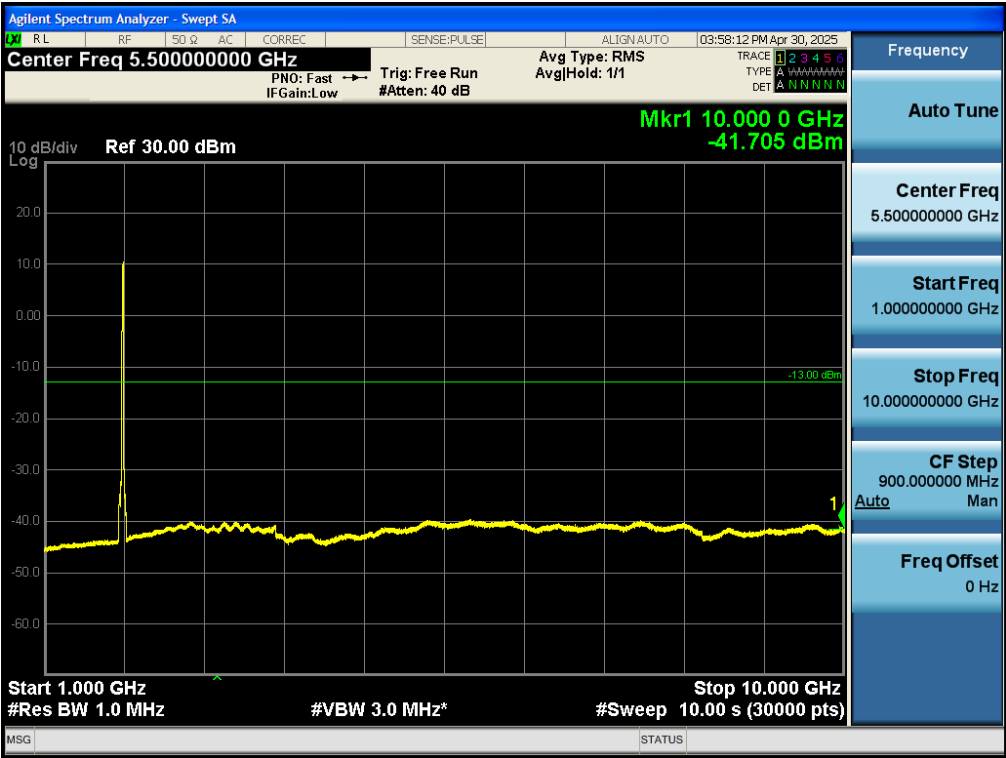
Test_Graph_band25_1860MHz_20M_QPSK_100RB#LOW_1G_10G_TX



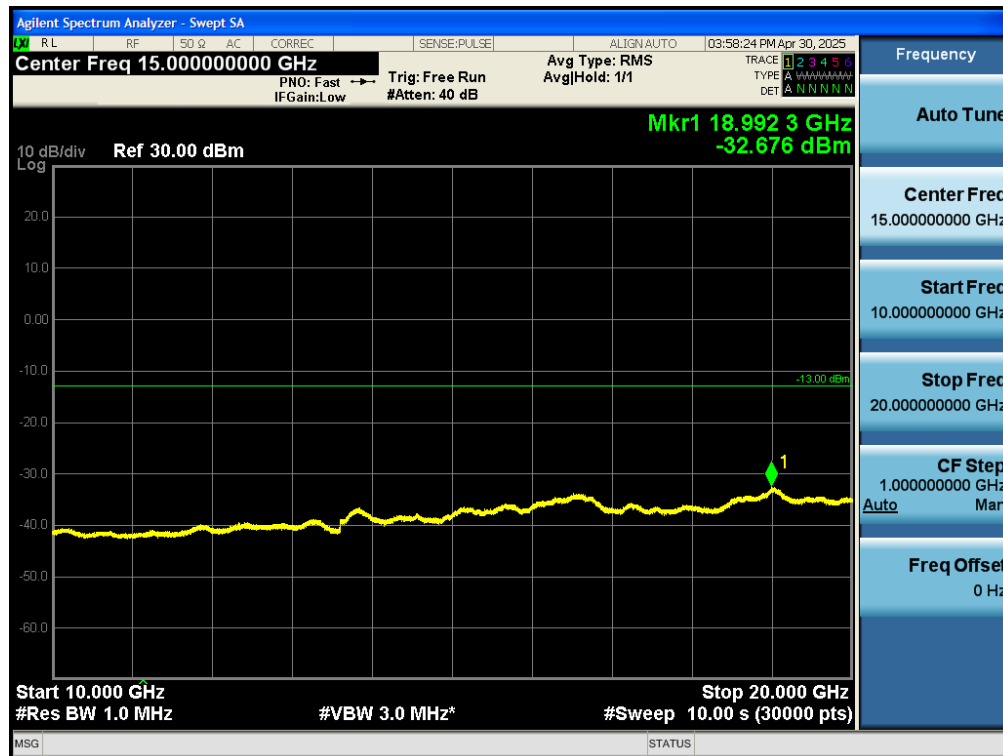
Test_Graph_band25_1860MHz_20M_QPSK_100RB#LOW_10G_20.0G_TX



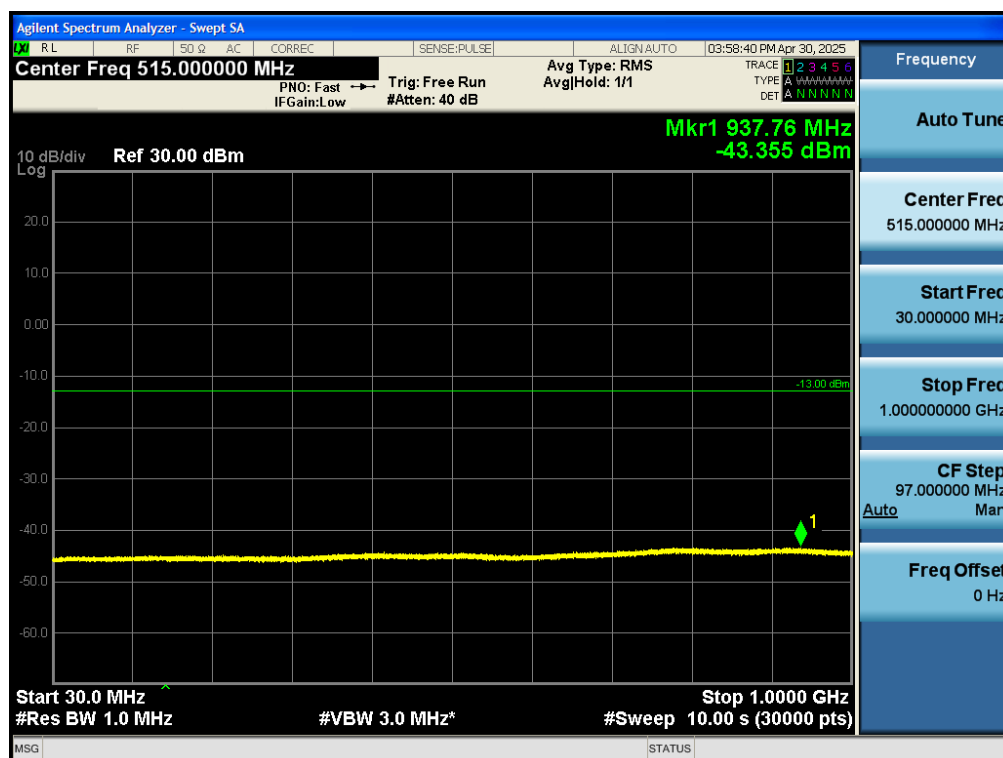
Test_Graph_band25_1882.5MHz_20M_QPSK_100RB#LOW_30M_1G_TX



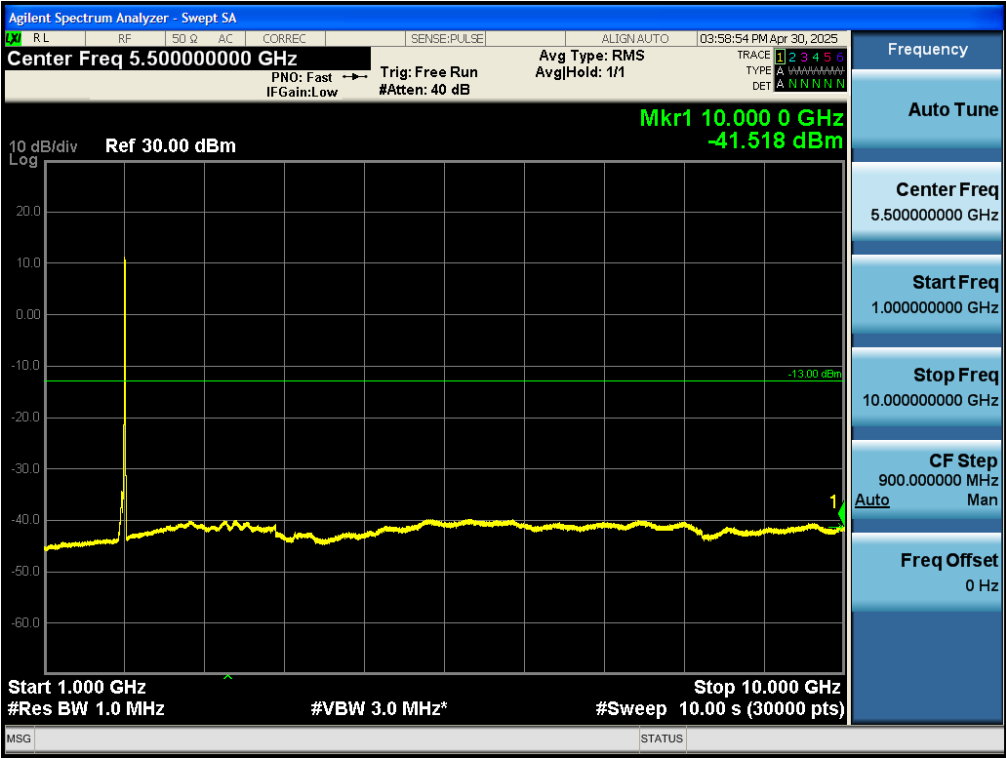
Test_Graph_band25_1882.5MHz_20M_QPSK_100RB#LOW_1G_10G_TX



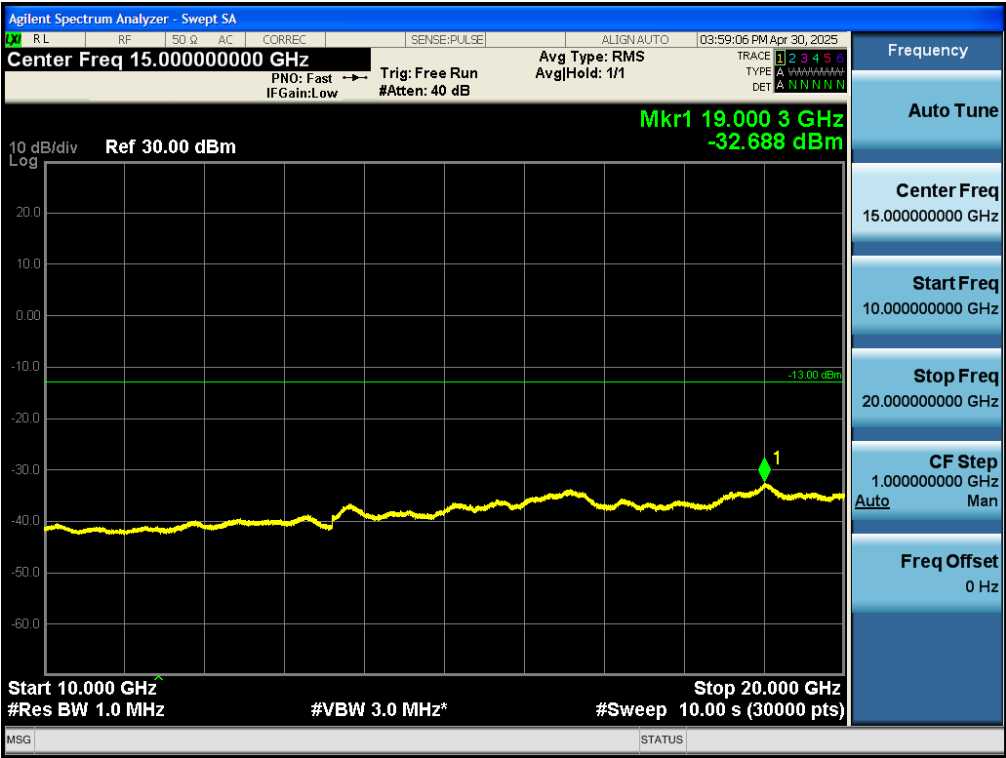
Test_Graph_band25_1882.5MHz_20M_QPSK_100RB#LOW_10G_20.0G_TX



Test_Graph_band25_1905MHz_20M_QPSK_100RB#LOW_30M_1G_TX



Test_Graph_band25_1905MHz_20M_QPSK_100RB#LOW_1G_10G_TX



Test_Graph_band25_1905MHz_20M_QPSK_100RB#LOW_10G_20.0G_TX

Appendix E: Frequency stability

Test Result

Test Conditions (LTE Band 25(QPSK) /BW 20MHz)		Frequency Range		Frequency Error	Verdict
Temperature (°C)	Voltage (Volt)	>1850 Freq Reading @ Low End (MHz)	<1915 Freq Reading @ High End (MHz)	Middle Channel	
				≤2.5ppm	
50	Normal Voltage	1851.0132	1913.9810	0.0066	PASS
40	Normal Voltage	1851.0134	1913.9812	0.0070	
30	Normal Voltage	1851.0134	1913.9811	0.0064	
20(Ref.)	Normal Voltage	1851.0133	1913.9811	0.0067	
10	Normal Voltage	1851.0133	1913.9812	0.0060	
0	Normal Voltage	1851.0132	1913.9810	0.0065	
-10	Normal Voltage	1851.0134	1913.9812	0.0060	
-20	Normal Voltage	1851.0133	1913.9812	0.0066	
-30	Normal Voltage	1851.0132	1913.9812	0.0065	
20	+15%	1851.0134	1913.9811	0.0063	
20	-15%	1851.0133	1913.9811	0.0066	
20	Battery End Point	1851.0134	1913.9811	0.0070	