Band25-5MHz-16QAM-26065-25RB#0

Band25-5MHz-16QAM-26365-25RB#0

Band25-5MHz-16QAM-26665-25RB#0

Band25-10MHz-QPSK-26090-50RB#0

Band25-10MHz-QPSK-26365-50RB#0

Band25-10MHz-QPSK-26640-50RB#0

Band25-10MHz-16QAM-26090-50RB#0

Band25-10MHz-16QAM-26365-50RB#0

Band25-10MHz-16QAM-26640-50RB#0

Band25-15MHz-QPSK-26115-75RB#0

Band25-15MHz-QPSK-26365-75RB#0

Band25-15MHz-QPSK-26615-75RB#0

Band25-15MHz-16QAM-26115-75RB#0

Band25-15MHz-16QAM-26365-75RB#0

Band25-15MHz-16QAM-26615-75RB#0

Band25-20MHz-QPSK-26140-100RB#0

Band25-20MHz-QPSK-26365-100RB#0

Band25-20MHz-QPSK-26590-100RB#0

Band25-20MHz-16QAM-26140-100RB#0

Band25-20MHz-16QAM-26365-100RB#0

Band25-20MHz-16QAM-26590-100RB#0

Keysight Spectrum Analyzer - Occupied BW
Center Freq 1.905000000 GHz
Center Freq: 1.905000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
01:10:25 AM Jun 15, 2023
Frequency
Ref Offset 10.34 dB
10 dB/div
Ref 30.00 dBm
Center Freq
1.905000000 GHz
Center 1.905 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.915 MHz
Total Power 28.8 dBm
Transmit Freq Error -36.250 kHz
% of OBW Power 99.00 %
x dB Bandwidth 19.51 MHz
x dB -26.00 dB
Freq Offset
0 Hz

4. Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	-18.20	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	-40.01	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-22.25	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	-55.55	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-53.07	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-15.94	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	-20.68	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	-41.41	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-24.49	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	-42.68	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-18.04	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-18.45	PASS
Band25	3MHz	QPSK	26055	1RB#0	-32.84	PASS
Band25	3MHz	QPSK	26055	1RB#14	-48.63	PASS
Band25	3MHz	QPSK	26055	15RB#0	-23.36	PASS
Band25	3MHz	QPSK	26675	1RB#0	-50.86	PASS
Band25	3MHz	QPSK	26675	1RB#14	-57.12	PASS
Band25	3MHz	QPSK	26675	15RB#0	-16.38	PASS
Band25	3MHz	16QAM	26055	1RB#0	-27.03	PASS
Band25	3MHz	16QAM	26055	1RB#14	-48.57	PASS
Band25	3MHz	16QAM	26055	15RB#0	-26.13	PASS
Band25	3MHz	16QAM	26675	1RB#0	-50.98	PASS
Band25	3MHz	16QAM	26675	1RB#14	-16.84	PASS
Band25	3MHz	16QAM	26675	15RB#0	-20.12	PASS
Band25	5MHz	QPSK	26065	1RB#0	-16.47	PASS
Band25	5MHz	QPSK	26065	1RB#24	-49.82	PASS
Band25	5MHz	QPSK	26065	25RB#0	-21.17	PASS
Band25	5MHz	QPSK	26665	1RB#0	-48.27	PASS
Band25	5MHz	QPSK	26665	1RB#24	-47.84	PASS
Band25	5MHz	QPSK	26665	25RB#0	-19.95	PASS
Band25	5MHz	16QAM	26065	1RB#0	-17.30	PASS
Band25	5MHz	16QAM	26065	1RB#24	-50.13	PASS
Band25	5MHz	16QAM	26065	25RB#0	-23.76	PASS

Band25	5MHz	16QAM	26665	1RB#0	-48.87	PASS
Band25	5MHz	16QAM	26665	1RB#24	-16.03	PASS
Band25	5MHz	16QAM	26665	25RB#0	-23.77	PASS
Band25	10MHz	QPSK	26090	1RB#0	-28.14	PASS
Band25	10MHz	QPSK	26090	1RB#49	-46.92	PASS
Band25	10MHz	QPSK	26090	50RB#0	-20.19	PASS
Band25	10MHz	QPSK	26640	1RB#0	-47.52	PASS
Band25	10MHz	QPSK	26640	1RB#49	-17.84	PASS
Band25	10MHz	QPSK	26640	50RB#0	-23.85	PASS
Band25	10MHz	16QAM	26090	1RB#0	-24.39	PASS
Band25	10MHz	16QAM	26090	1RB#49	-47.45	PASS
Band25	10MHz	16QAM	26090	50RB#0	-23.85	PASS
Band25	10MHz	16QAM	26640	1RB#0	-47.60	PASS
Band25	10MHz	16QAM	26640	1RB#49	-20.17	PASS
Band25	10MHz	16QAM	26640	50RB#0	-28.53	PASS
Band25	15MHz	QPSK	26115	1RB#0	-21.60	PASS
Band25	15MHz	QPSK	26115	1RB#74	-45.70	PASS
Band25	15MHz	QPSK	26115	75RB#0	-18.89	PASS
Band25	15MHz	QPSK	26615	1RB#0	-45.94	PASS
Band25	15MHz	QPSK	26615	1RB#74	-46.14	PASS
Band25	15MHz	QPSK	26615	75RB#0	-25.08	PASS
Band25	15MHz	16QAM	26115	1RB#0	-22.47	PASS
Band25	15MHz	16QAM	26115	1RB#74	-46.04	PASS
Band25	15MHz	16QAM	26115	75RB#0	-22.63	PASS
Band25	15MHz	16QAM	26615	1RB#0	-46.05	PASS
Band25	15MHz	16QAM	26615	1RB#74	-22.86	PASS
Band25	15MHz	16QAM	26615	75RB#0	-33.12	PASS
Band25	20MHz	QPSK	26140	1RB#0	-24.55	PASS
Band25	20MHz	QPSK	26140	1RB#99	-45.03	PASS
Band25	20MHz	QPSK	26140	100RB#0	-20.17	PASS
Band25	20MHz	QPSK	26590	1RB#0	-45.09	PASS
Band25	20MHz	QPSK	26590	1RB#99	-45.20	PASS
Band25	20MHz	QPSK	26590	100RB#0	-26.84	PASS
Band25	20MHz	16QAM	26140	1RB#0	-23.20	PASS
Band25	20MHz	16QAM	26140	1RB#99	-45.21	PASS
Band25	20MHz	16QAM	26140	100RB#0	-23.03	PASS
Band25	20MHz	16QAM	26590	1RB#0	-45.12	PASS

Band25	20MHz	16QAM	26590	1RB#99	-22.62	PASS
Band25	20MHz	16QAM	26590	100RB#0	-29.36	PASS

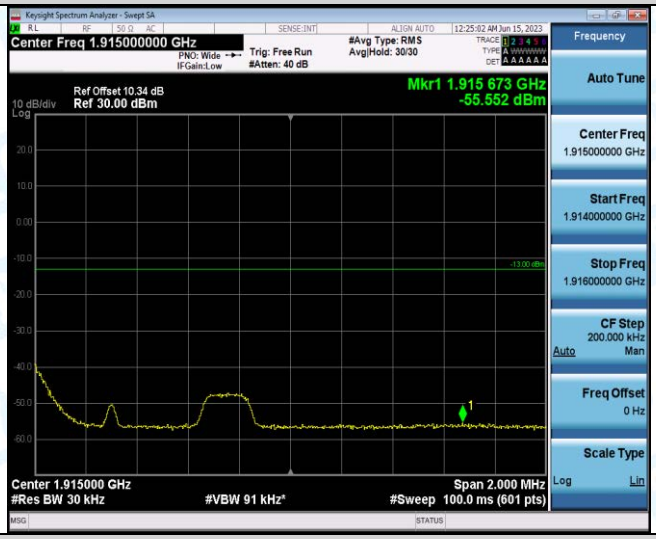
Test Graphs

Band25-1.4MHz-QPSK-26047-1RB#0

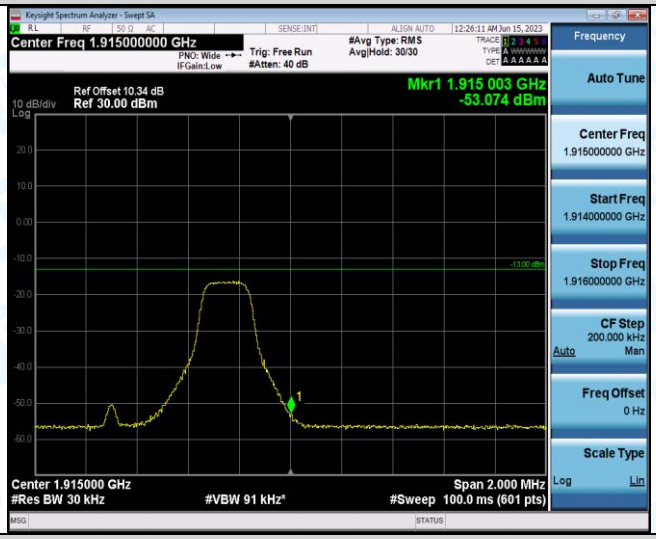
Band25-1.4MHz-QPSK-26047-1RB#5

Band25-1.4MHz-QPSK-26047-6RB#0

Band25-1.4MHz-QPSK-26683-1RB#0



Band25-1.4MHz-QPSK-26683-1RB#5



Band25-1.4MHz-QPSK-26683-6RB#0

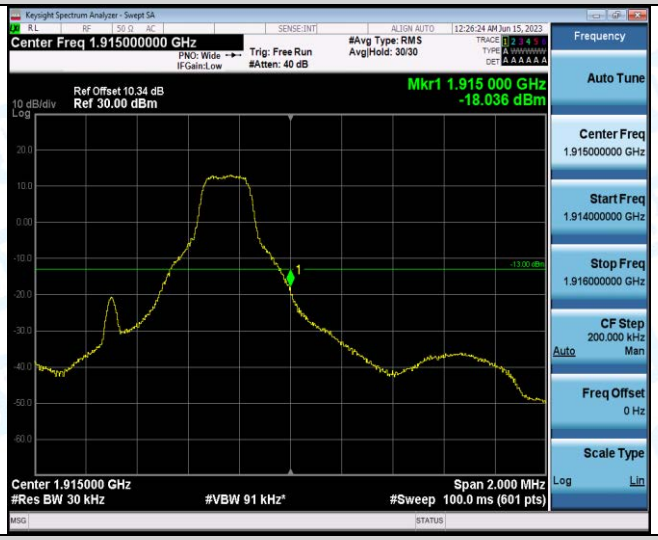
Band25-1.4MHz-16QAM-26047-1RB#0

Band25-1.4MHz-16QAM-26047-1RB#5

Band25-1.4MHz-16QAM-26047-6RB#0

Band25-1.4MHz-16QAM-26683-1RB#0

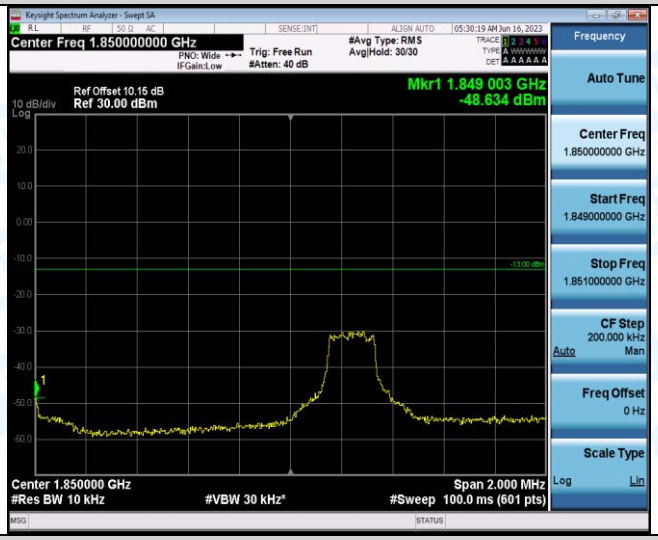
Band25-1.4MHz-16QAM-26683-1RB#5



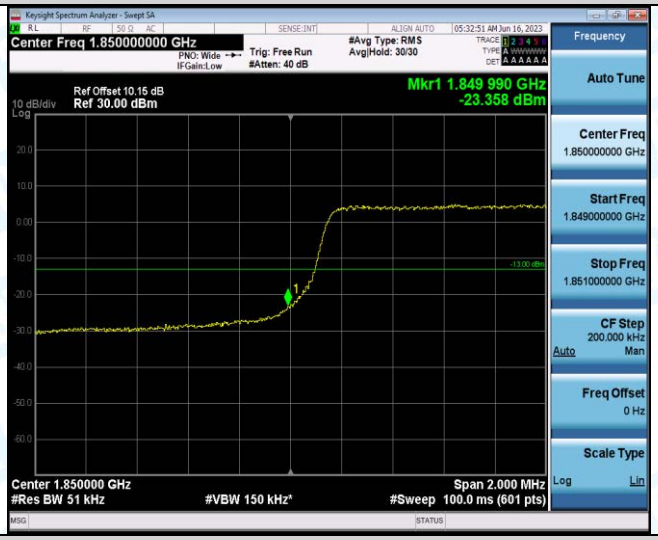
Band25-1.4MHz-16QAM-26683-6RB#0

Band25-3MHz-QPSK-26055-1RB#0

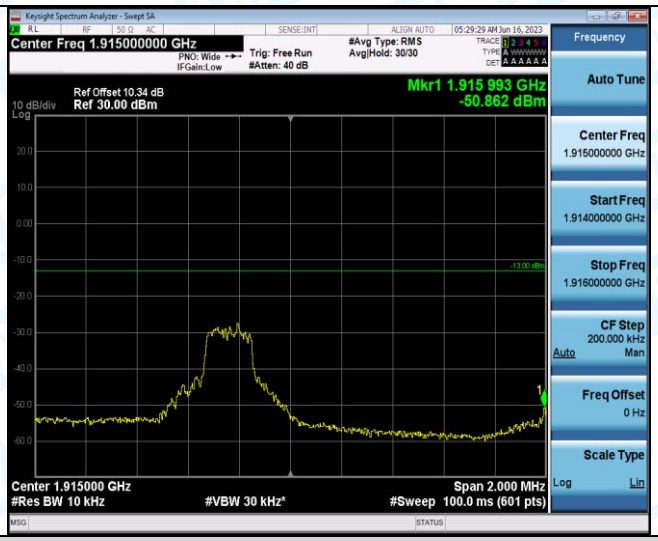
Band25-3MHz-QPSK-26055-1RB#14



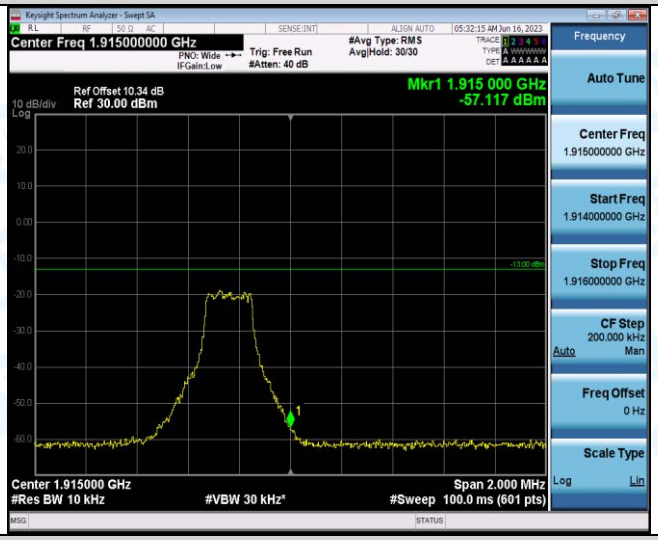
Band25-3MHz-QPSK-26055-15RB#0



Band25-3MHz-QPSK-26675-1RB#0

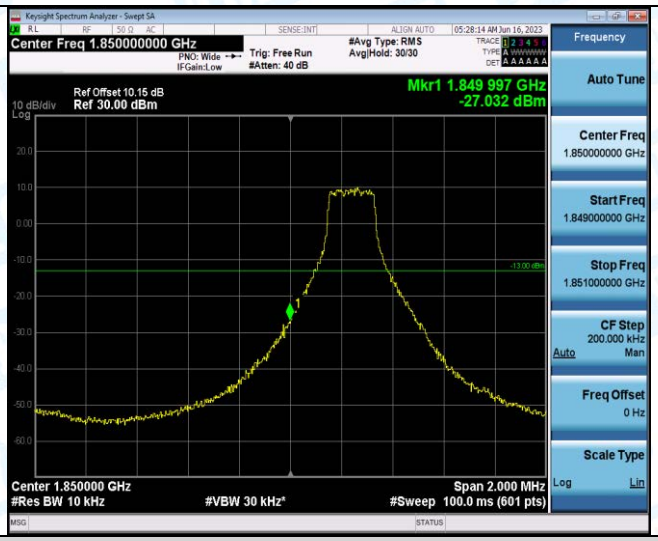


Band25-3MHz-QPSK-26675-1RB#14



Band25-3MHz-QPSK-26675-15RB#0

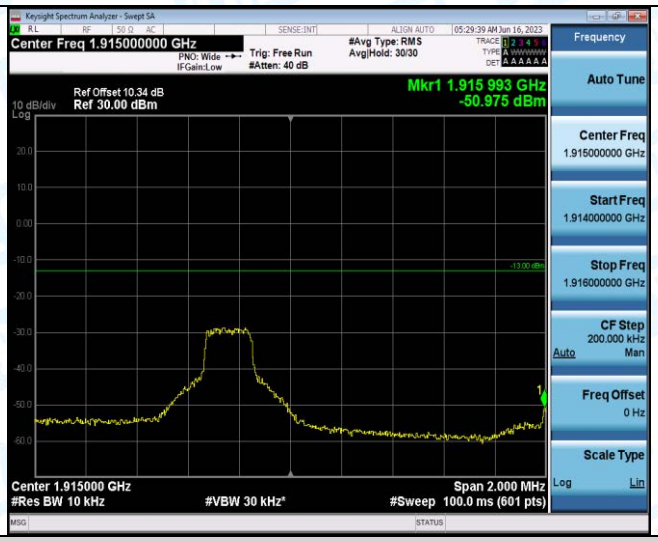
Band25-3MHz-16QAM-26055-1RB#0



Band25-3MHz-16QAM-26055-1RB#14

Band25-3MHz-16QAM-26055-15RB#0

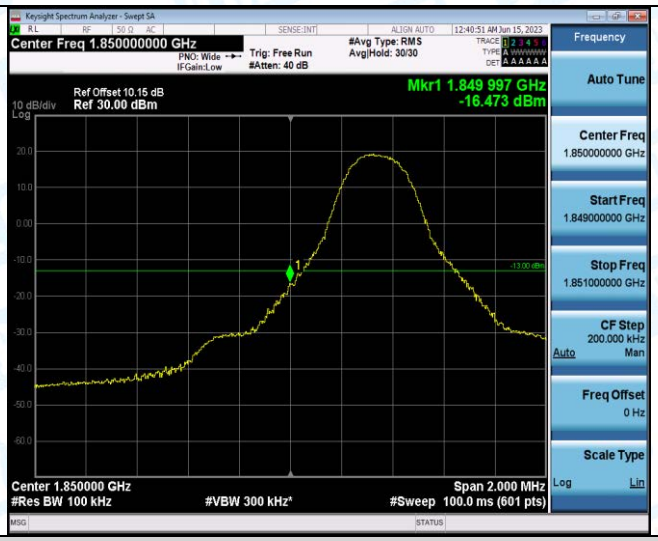
Band25-3MHz-16QAM-26675-1RB#0



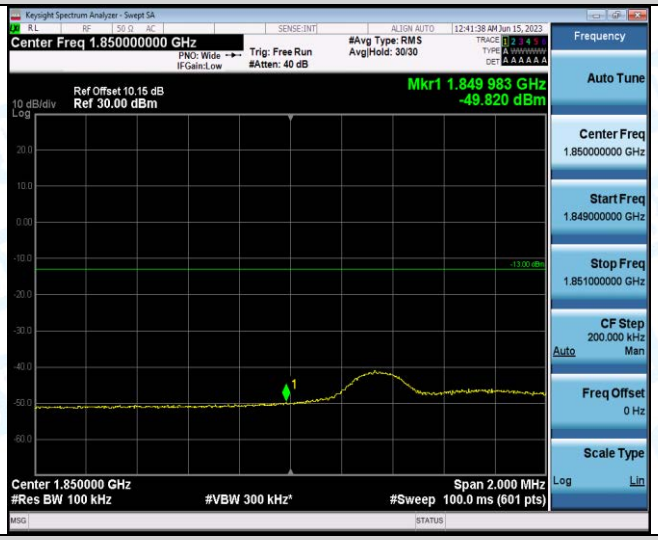
Band25-3MHz-16QAM-26675-1RB#14

Band25-3MHz-16QAM-26675-15RB#0

Band25-5MHz-QPSK-26065-1RB#0

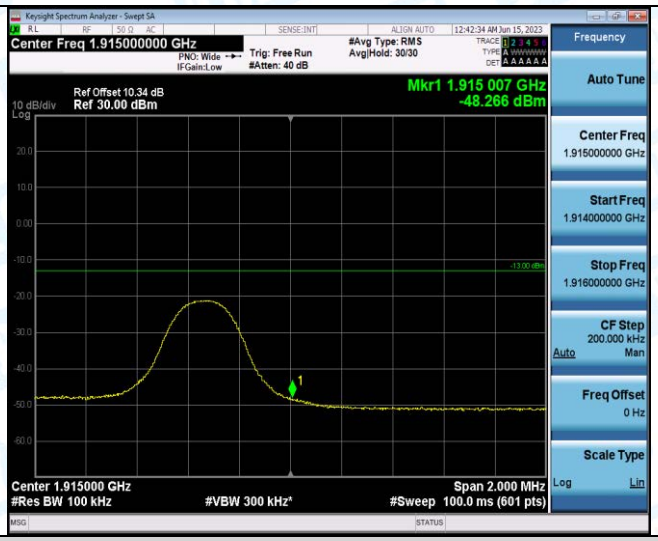


Band25-5MHz-QPSK-26065-1RB#24

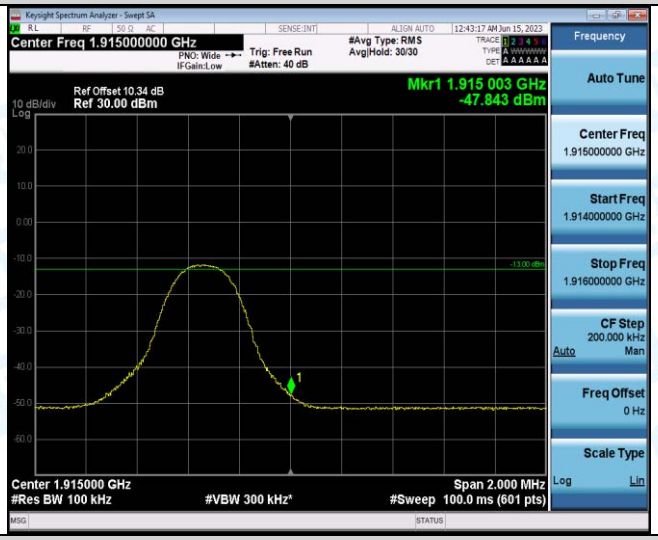


Band25-5MHz-QPSK-26065-25RB#0

Band25-5MHz-QPSK-26665-1RB#0



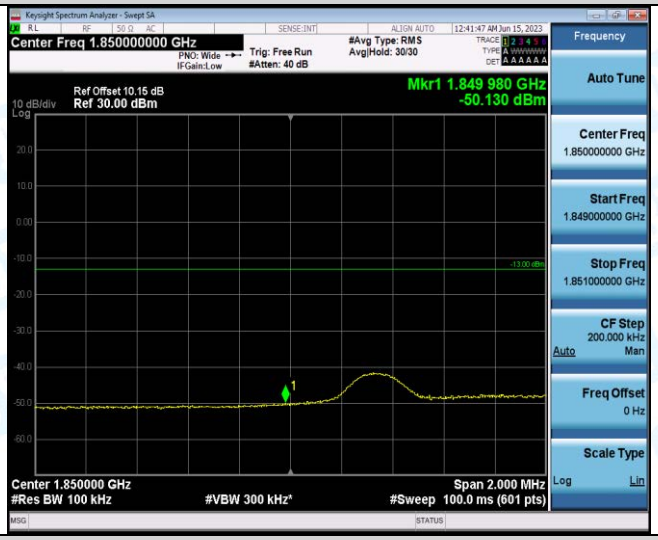
Band25-5MHz-QPSK-26665-1RB#24



Band25-5MHz-QPSK-26665-25RB#0

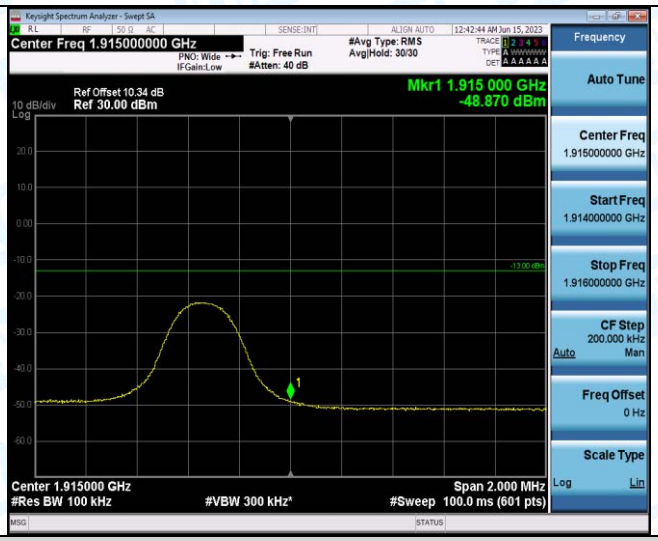
Band25-5MHz-16QAM-26065-1RB#0

Band25-5MHz-16QAM-26065-1RB#24

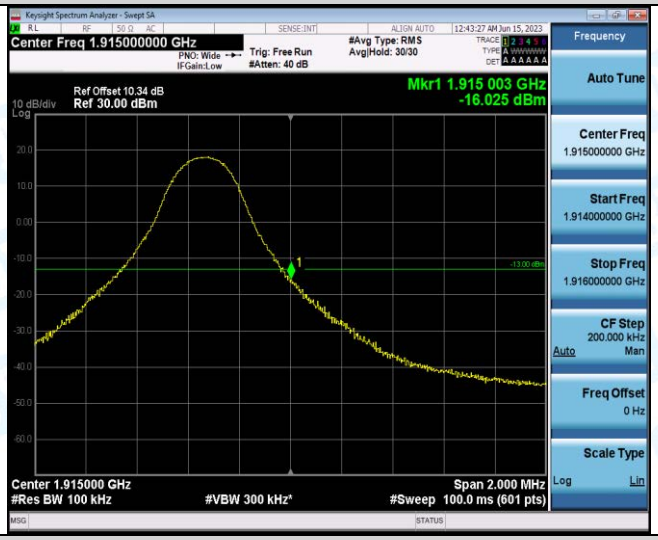


Band25-5MHz-16QAM-26065-25RB#0

Band25-5MHz-16QAM-26665-1RB#0

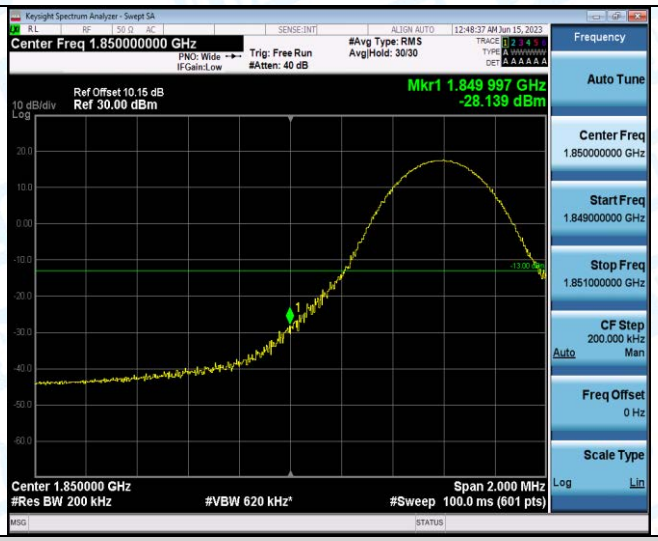


Band25-5MHz-16QAM-26665-1RB#24

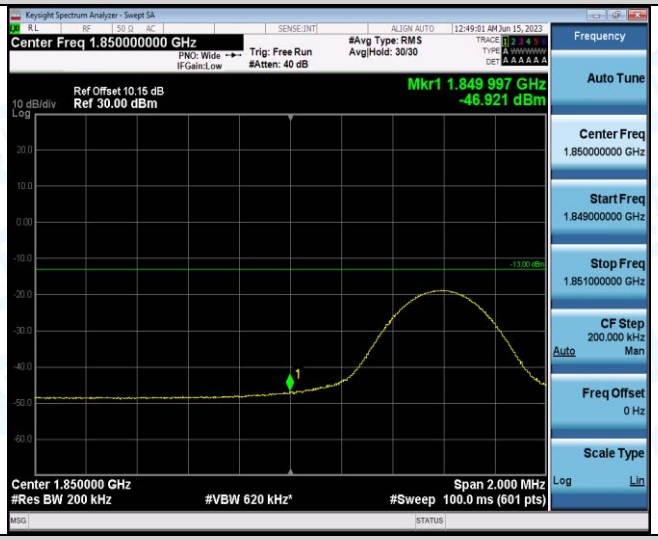


Band25-5MHz-16QAM-26665-25RB#0

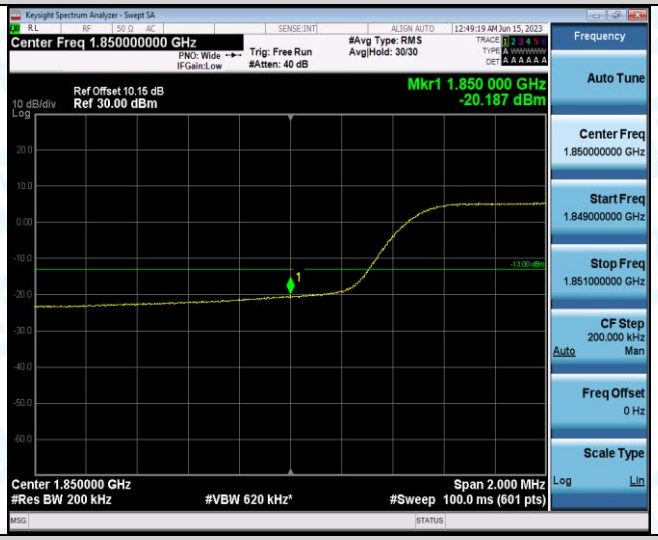
Band25-10MHz-QPSK-26090-1RB#0



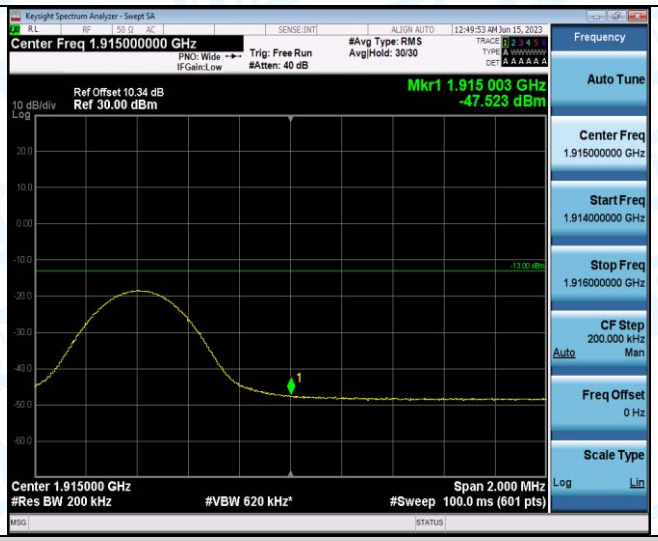
Band25-10MHz-QPSK-26090-1RB#49



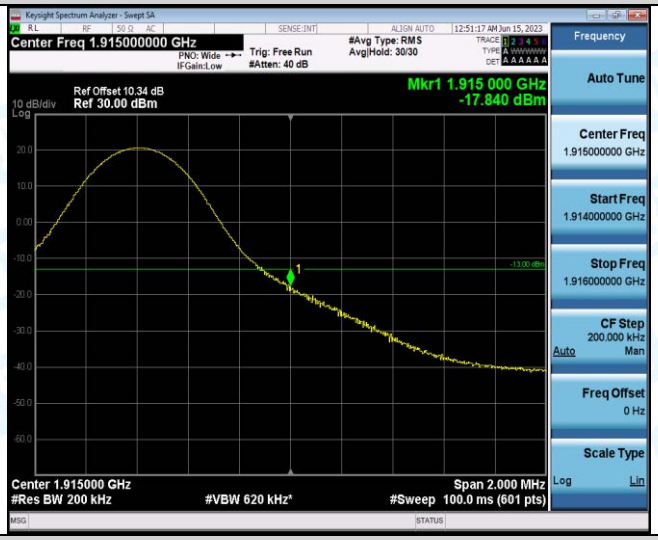
Band25-10MHz-QPSK-26090-50RB#0



Band25-10MHz-QPSK-26640-1RB#0



Band25-10MHz-QPSK-26640-1RB#49

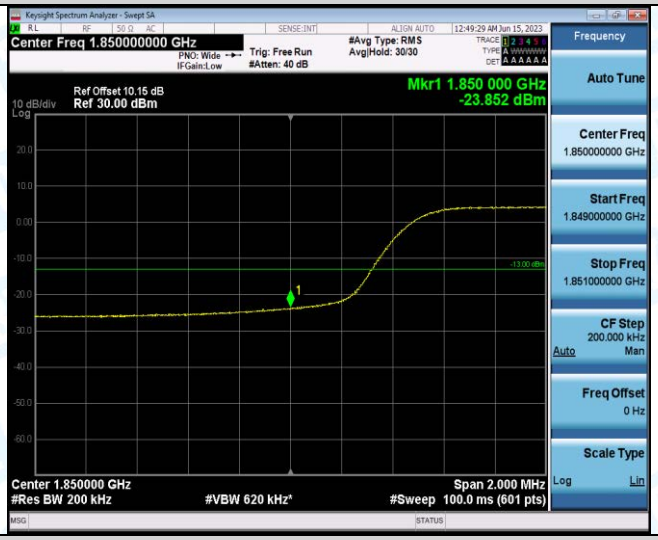


Band25-10MHz-QPSK-26640-50RB#0

Band25-10MHz-16QAM-26090-1RB#0

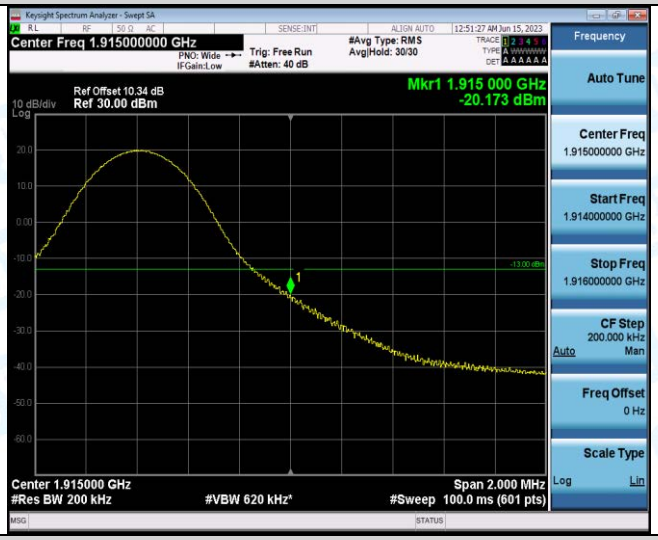
Band25-10MHz-16QAM-26090-1RB#49

Band25-10MHz-16QAM-26090-50RB#0



Band25-10MHz-16QAM-26640-1RB#0

Band25-10MHz-16QAM-26640-1RB#49



Band25-10MHz-16QAM-26640-50RB#0

Band25-15MHz-QPSK-26115-1RB#0

Band25-15MHz-QPSK-26115-1RB#74

Band25-15MHz-QPSK-26115-75RB#0

Band25-15MHz-QPSK-26615-1RB#0

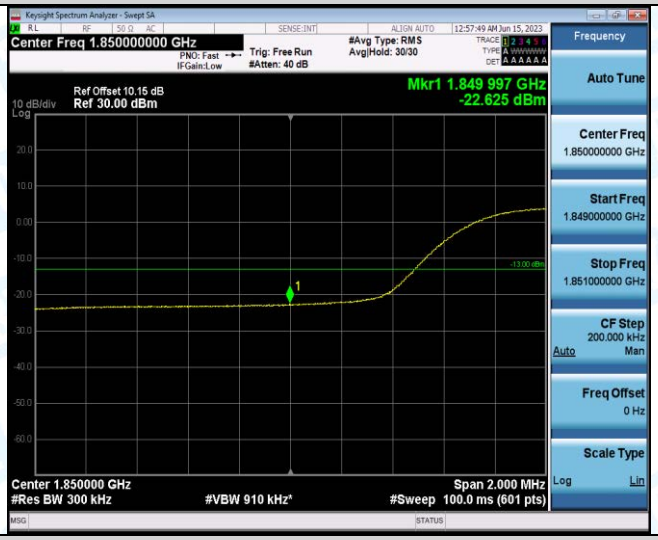
Band25-15MHz-QPSK-26615-1RB#74

Band25-15MHz-QPSK-26615-75RB#0

Band25-15MHz-16QAM-26115-1RB#0

Band25-15MHz-16QAM-26115-1RB#74

Band25-15MHz-16QAM-26115-75RB#0



Band25-15MHz-16QAM-26615-1RB#0

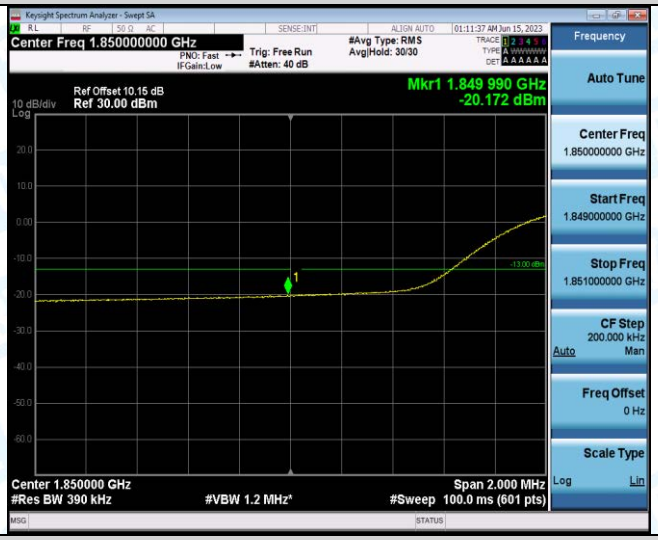
Band25-15MHz-16QAM-26615-1RB#74

Band25-15MHz-16QAM-26615-75RB#0

Band25-20MHz-QPSK-26140-1RB#0

Band25-20MHz-QPSK-26140-1RB#99

Band25-20MHz-QPSK-26140-100RB#0



Band25-20MHz-QPSK-26590-1RB#0