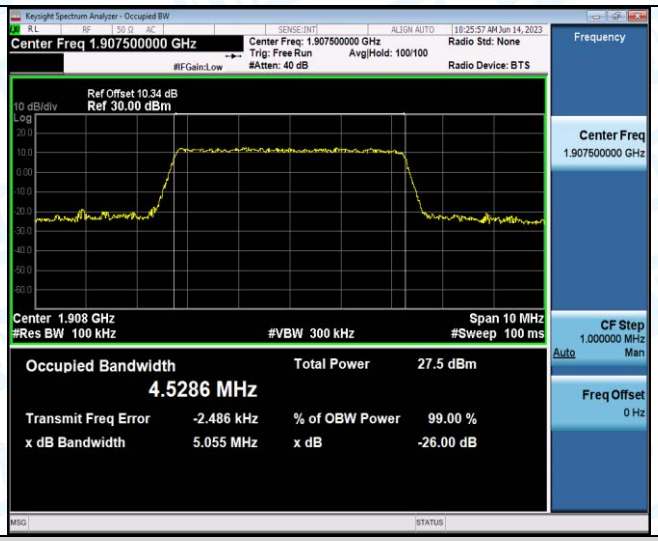
Band2-5MHz-16QAM-18625-25RB#0

Band2-5MHz-16QAM-18900-25RB#0

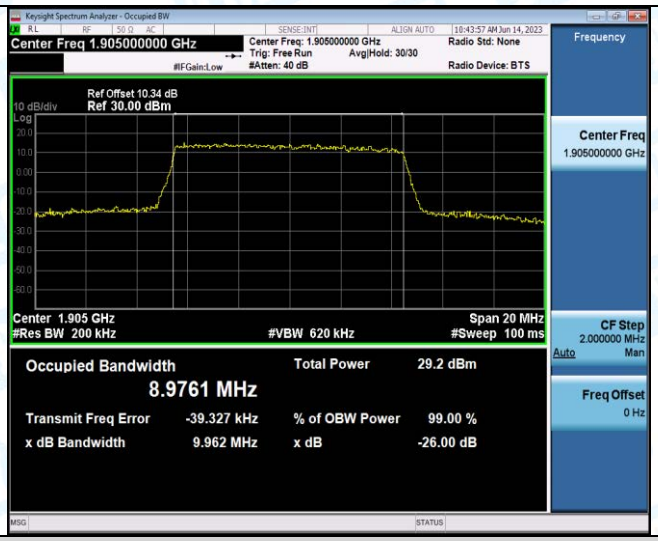
Band2-5MHz-16QAM-19175-25RB#0



Band2-10MHz-QPSK-18650-50RB#0

Band2-10MHz-QPSK-18900-50RB#0

Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-16QAM-18650-50RB#0

Band2-10MHz-16QAM-18900-50RB#0

Band2-10MHz-16QAM-19150-50RB#0

Band2-15MHz-QPSK-18675-75RB#0

Band2-15MHz-QPSK-18900-75RB#0

Band2-15MHz-QPSK-19125-75RB#0

Band2-15MHz-16QAM-18675-75RB#0

Band2-15MHz-16QAM-18900-75RB#0

Band2-15MHz-16QAM-19125-75RB#0

Band2-20MHz-QPSK-18700-100RB#0

Band2-20MHz-QPSK-18900-100RB#0

Band2-20MHz-QPSK-19100-100RB#0

Band2-20MHz-16QAM-18700-100RB#0

Band2-20MHz-16QAM-18900-100RB#0

Band2-20MHz-16QAM-19100-100RB#0

Keysight Spectrum Analyzer - Occupied BW
Center Freq 1.900000000 GHz
Center Freq: 1.900000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
11:23:08 AM Jun 14, 2023
Frequency
Ref Offset 10.34 dB
10 dB/div
Ref 30.00 dBm
Center Freq
1.900000000 GHz
Center 1.9 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.806 MHz
Total Power 28.9 dBm
Transmit Freq Error -47.009 kHz
% of OBW Power 99.00 %
x dB Bandwidth 19.37 MHz
x dB -26.00 dB
Freq Offset
0 Hz

4. Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-18.62	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-39.75	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-22.67	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-37.89	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-21.15	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-26.98	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-19.58	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-40.77	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-25.09	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-39.51	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-22.61	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-28.39	PASS
Band2	3MHz	QPSK	18615	1RB#0	-14.12	PASS
Band2	3MHz	QPSK	18615	1RB#14	-44.05	PASS
Band2	3MHz	QPSK	18615	15RB#0	-22.25	PASS
Band2	3MHz	QPSK	19185	1RB#0	-45.90	PASS
Band2	3MHz	QPSK	19185	1RB#14	-17.80	PASS
Band2	3MHz	QPSK	19185	15RB#0	-27.09	PASS
Band2	3MHz	16QAM	18615	1RB#0	-17.90	PASS
Band2	3MHz	16QAM	18615	1RB#14	-44.29	PASS
Band2	3MHz	16QAM	18615	15RB#0	-23.55	PASS
Band2	3MHz	16QAM	19185	1RB#0	-45.94	PASS
Band2	3MHz	16QAM	19185	1RB#14	-18.71	PASS
Band2	3MHz	16QAM	19185	15RB#0	-28.28	PASS
Band2	5MHz	QPSK	18625	1RB#0	-16.23	PASS
Band2	5MHz	QPSK	18625	1RB#24	-48.28	PASS
Band2	5MHz	QPSK	18625	25RB#0	-21.49	PASS
Band2	5MHz	QPSK	19175	1RB#0	-49.26	PASS
Band2	5MHz	QPSK	19175	1RB#24	-18.15	PASS
Band2	5MHz	QPSK	19175	25RB#0	-26.56	PASS
Band2	5MHz	16QAM	18625	1RB#0	-16.89	PASS
Band2	5MHz	16QAM	18625	1RB#24	-48.43	PASS
Band2	5MHz	16QAM	18625	25RB#0	-23.86	PASS

Band2	5MHz	16QAM	19175	1RB#0	-50.41	PASS
Band2	5MHz	16QAM	19175	1RB#24	-20.72	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.40	PASS
Band2	10MHz	QPSK	18650	1RB#0	-20.70	PASS
Band2	10MHz	QPSK	18650	1RB#49	-45.90	PASS
Band2	10MHz	QPSK	18650	50RB#0	-34.75	PASS
Band2	10MHz	QPSK	19150	1RB#0	-46.35	PASS
Band2	10MHz	QPSK	19150	1RB#49	-20.44	PASS
Band2	10MHz	QPSK	19150	50RB#0	-32.32	PASS
Band2	10MHz	16QAM	18650	1RB#0	-21.82	PASS
Band2	10MHz	16QAM	18650	1RB#49	-45.91	PASS
Band2	10MHz	16QAM	18650	50RB#0	-35.83	PASS
Band2	10MHz	16QAM	19150	1RB#0	-46.36	PASS
Band2	10MHz	16QAM	19150	1RB#49	-20.42	PASS
Band2	10MHz	16QAM	19150	50RB#0	-33.72	PASS
Band2	15MHz	QPSK	18675	1RB#0	-21.40	PASS
Band2	15MHz	QPSK	18675	1RB#74	-45.95	PASS
Band2	15MHz	QPSK	18675	75RB#0	-19.47	PASS
Band2	15MHz	QPSK	19125	1RB#0	-45.86	PASS
Band2	15MHz	QPSK	19125	1RB#74	-27.42	PASS
Band2	15MHz	QPSK	19125	75RB#0	-26.40	PASS
Band2	15MHz	16QAM	18675	1RB#0	-22.73	PASS
Band2	15MHz	16QAM	18675	1RB#74	-46.59	PASS
Band2	15MHz	16QAM	18675	75RB#0	-22.82	PASS
Band2	15MHz	16QAM	19125	1RB#0	-45.77	PASS
Band2	15MHz	16QAM	19125	1RB#74	-26.77	PASS
Band2	15MHz	16QAM	19125	75RB#0	-29.62	PASS
Band2	20MHz	QPSK	18700	1RB#0	-24.55	PASS
Band2	20MHz	QPSK	18700	1RB#99	-45.23	PASS
Band2	20MHz	QPSK	18700	100RB#0	-21.99	PASS
Band2	20MHz	QPSK	19100	1RB#0	-44.94	PASS
Band2	20MHz	QPSK	19100	1RB#99	-27.58	PASS
Band2	20MHz	QPSK	19100	100RB#0	-28.86	PASS
Band2	20MHz	16QAM	18700	1RB#0	-23.73	PASS
Band2	20MHz	16QAM	18700	1RB#99	-45.21	PASS
Band2	20MHz	16QAM	18700	100RB#0	-24.49	PASS
Band2	20MHz	16QAM	19100	1RB#0	-44.95	PASS

Band2	20MHz	16QAM	19100	1RB#99	-27.38	PASS
Band2	20MHz	16QAM	19100	100RB#0	-31.29	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0

Band2-1.4MHz-QPSK-18607-1RB#5

Band2-1.4MHz-QPSK-18607-6RB#0

Band2-1.4MHz-QPSK-19193-1RB#0

Band2-1.4MHz-QPSK-19193-1RB#5

Band2-1.4MHz-QPSK-19193-6RB#0

Band2-1.4MHz-16QAM-18607-1RB#0

Band2-1.4MHz-16QAM-18607-1RB#5

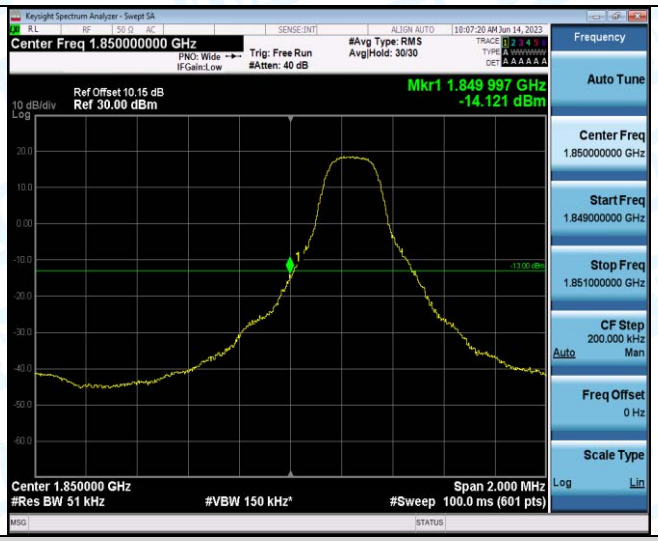
Band2-1.4MHz-16QAM-18607-6RB#0

Band2-1.4MHz-16QAM-19193-1RB#0

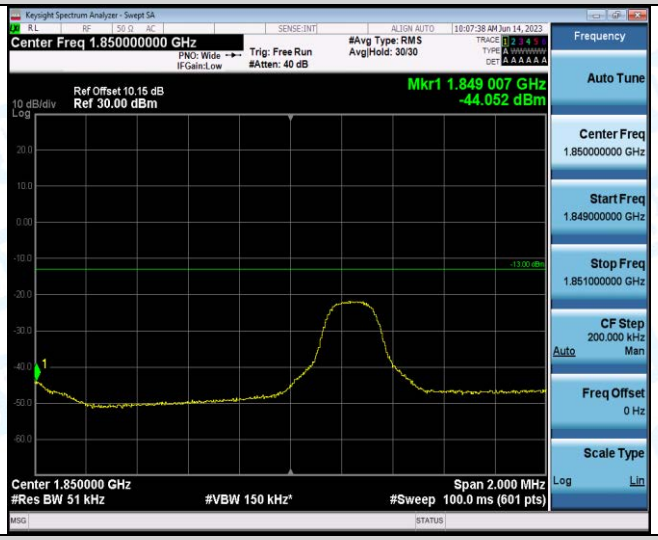
Band2-1.4MHz-16QAM-19193-1RB#5

Band2-1.4MHz-16QAM-19193-6RB#0

Band2-3MHz-QPSK-18615-1RB#0

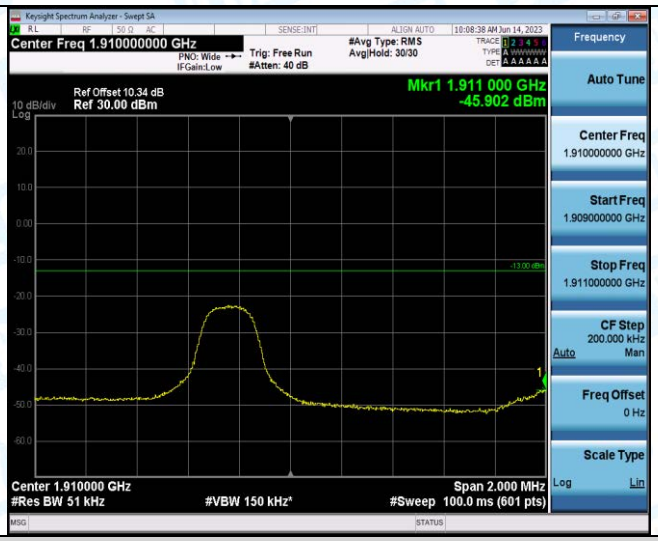


Band2-3MHz-QPSK-18615-1RB#14

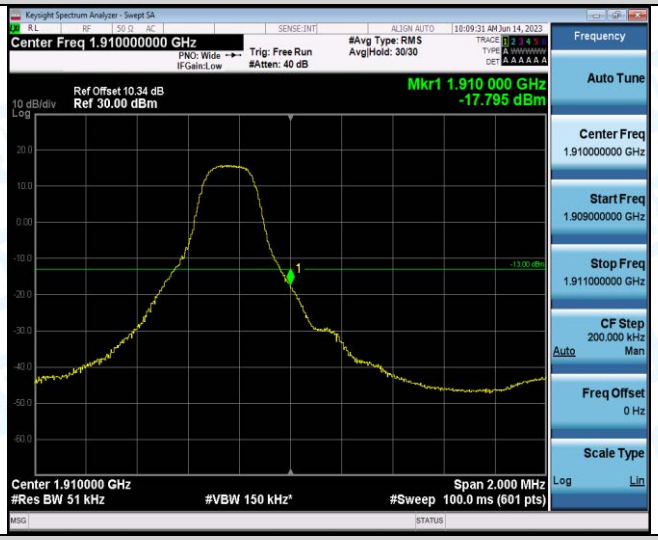


Band2-3MHz-QPSK-18615-15RB#0

Band2-3MHz-QPSK-19185-1RB#0

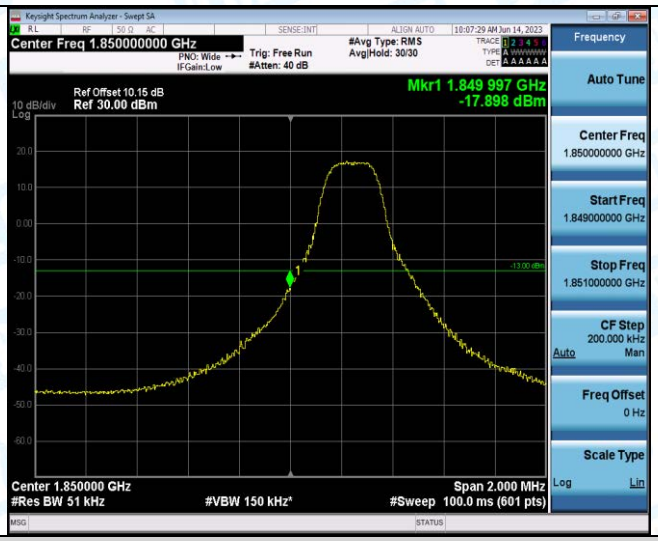


Band2-3MHz-QPSK-19185-1RB#14

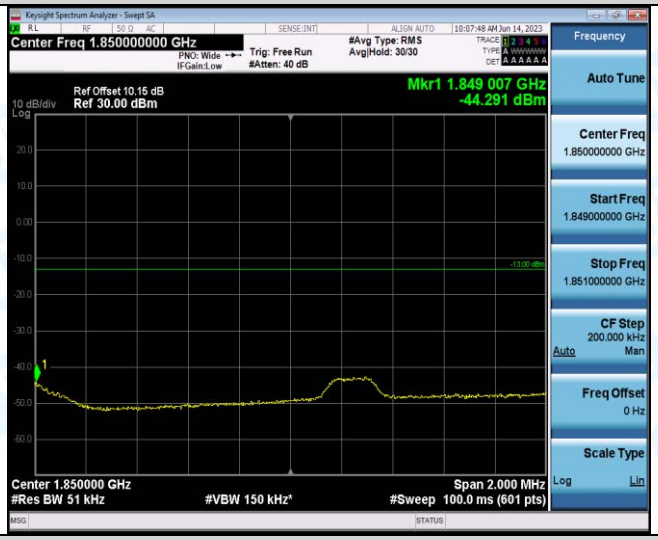


Band2-3MHz-QPSK-19185-15RB#0

Band2-3MHz-16QAM-18615-1RB#0

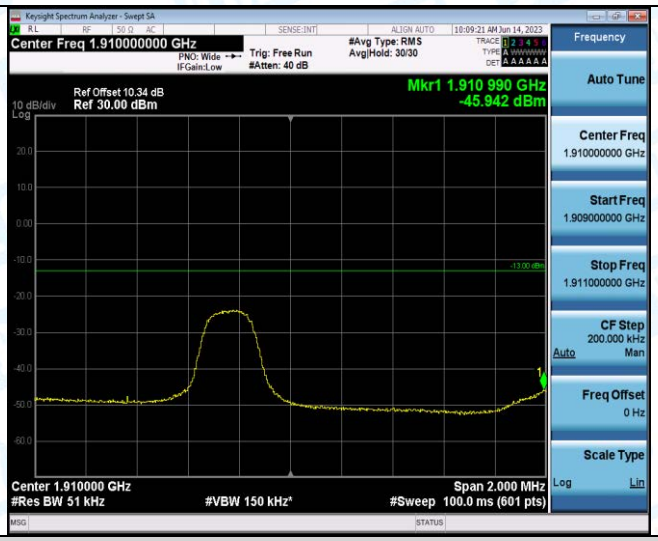


Band2-3MHz-16QAM-18615-1RB#14

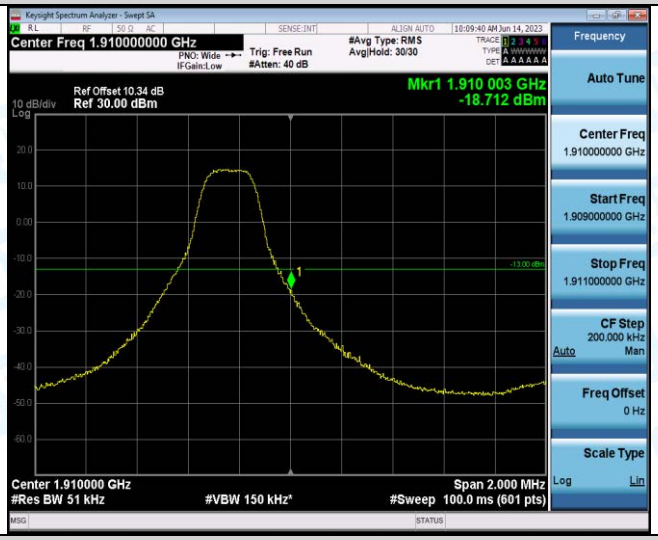


Band2-3MHz-16QAM-18615-15RB#0

Band2-3MHz-16QAM-19185-1RB#0



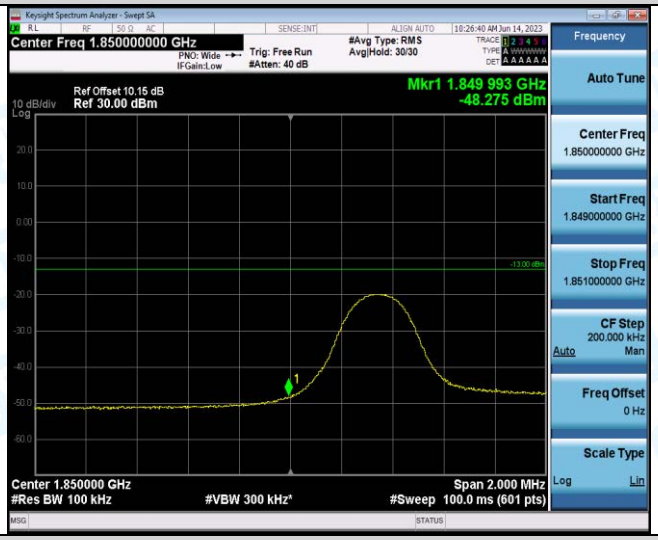
Band2-3MHz-16QAM-19185-1RB#14



Band2-3MHz-16QAM-19185-15RB#0

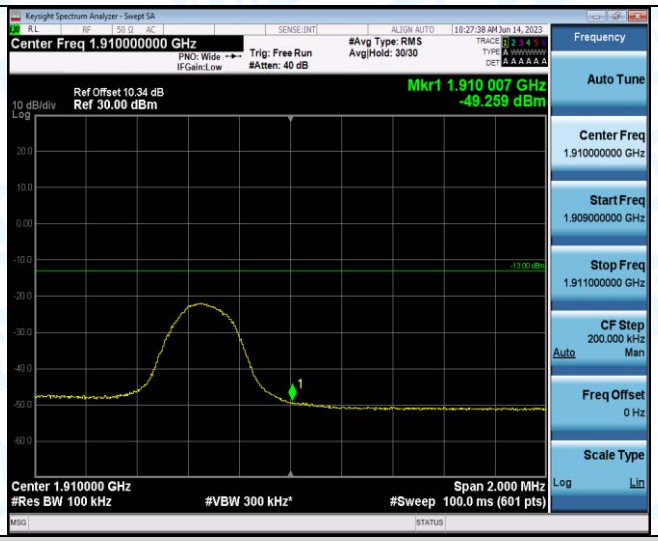
Band2-5MHz-QPSK-18625-1RB#0

Band2-5MHz-QPSK-18625-1RB#24

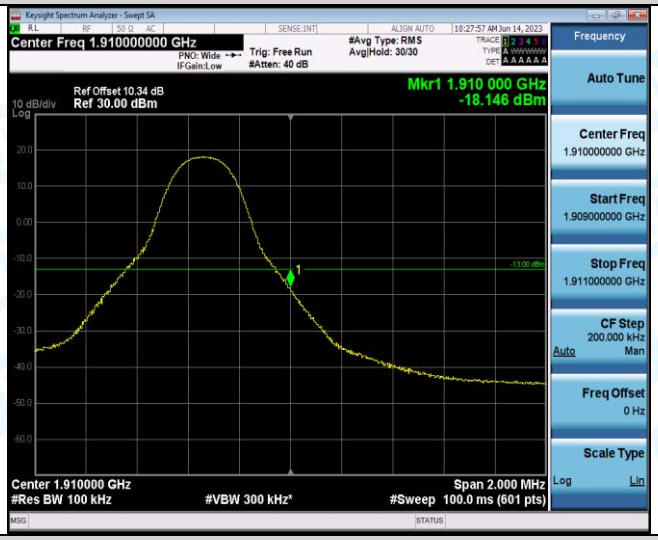


Band2-5MHz-QPSK-18625-25RB#0

Band2-5MHz-QPSK-19175-1RB#0



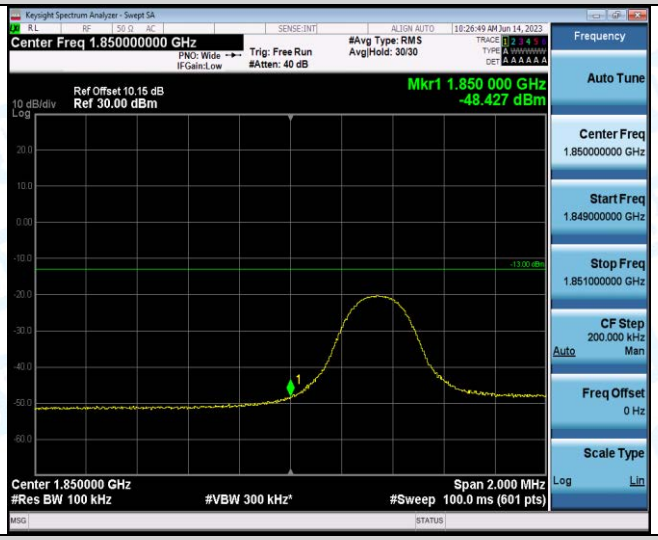
Band2-5MHz-QPSK-19175-1RB#24



Band2-5MHz-QPSK-19175-25RB#0

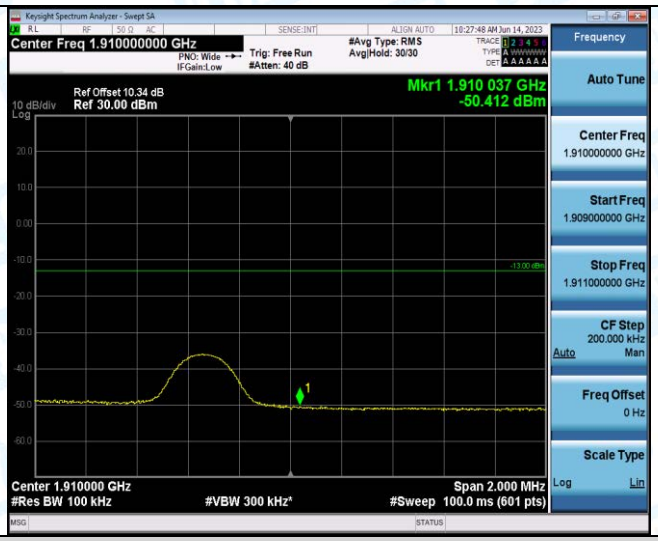
Band2-5MHz-16QAM-18625-1RB#0

Band2-5MHz-16QAM-18625-1RB#24

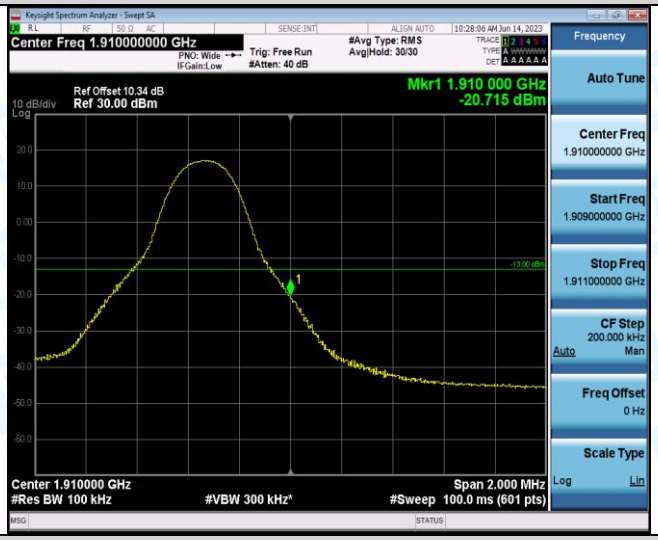


Band2-5MHz-16QAM-18625-25RB#0

Band2-5MHz-16QAM-19175-1RB#0



Band2-5MHz-16QAM-19175-1RB#24



Band2-5MHz-16QAM-19175-25RB#0

Band2-10MHz-QPSK-18650-1RB#0

Band2-10MHz-QPSK-18650-1RB#49

Band2-10MHz-QPSK-18650-50RB#0

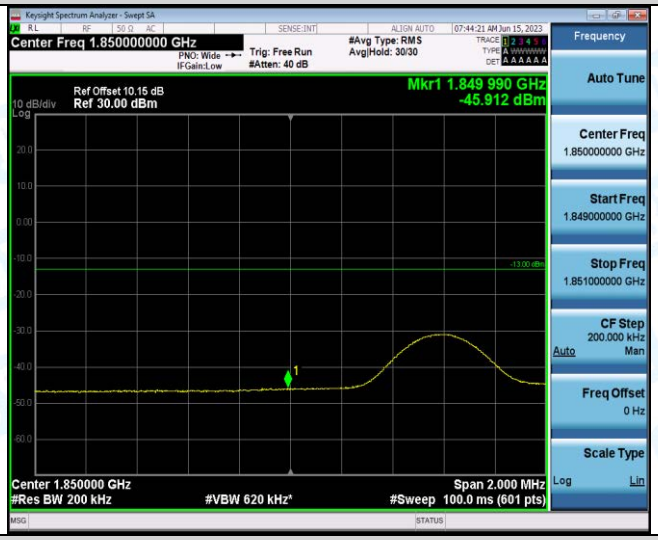
Band2-10MHz-QPSK-19150-1RB#0

Band2-10MHz-QPSK-19150-1RB#49

Band2-10MHz-QPSK-19150-50RB#0

Band2-10MHz-16QAM-18650-1RB#0

Band2-10MHz-16QAM-18650-1RB#49



Band2-10MHz-16QAM-18650-50RB#0

Band2-10MHz-16QAM-19150-1RB#0

Band2-10MHz-16QAM-19150-1RB#49

Band2-10MHz-16QAM-19150-50RB#0

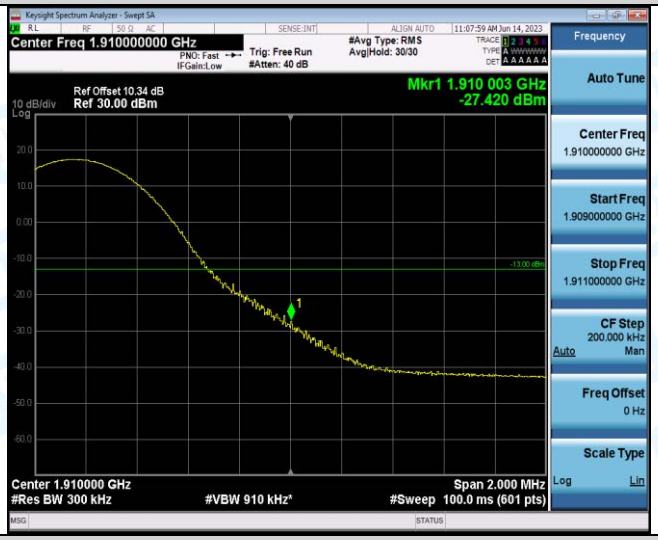
Band2-15MHz-QPSK-18675-1RB#0

Band2-15MHz-QPSK-18675-1RB#74

Band2-15MHz-QPSK-18675-75RB#0

Band2-15MHz-QPSK-19125-1RB#0

Band2-15MHz-QPSK-19125-1RB#74

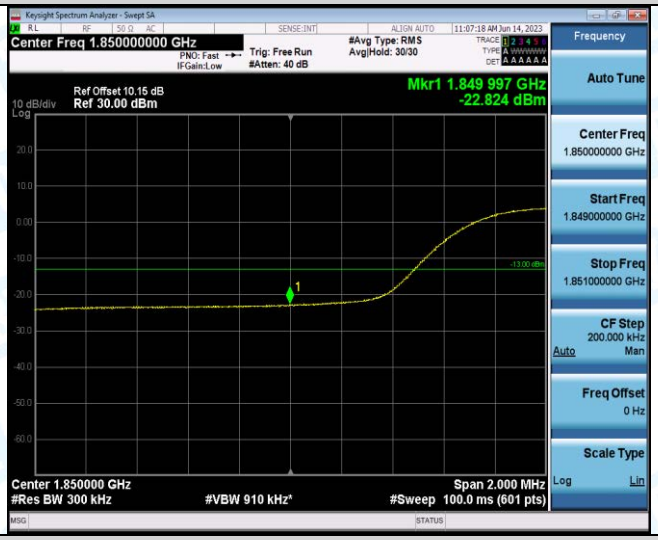


Band2-15MHz-QPSK-19125-75RB#0

Band2-15MHz-16QAM-18675-1RB#0

Band2-15MHz-16QAM-18675-1RB#74

Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-19125-1RB#0

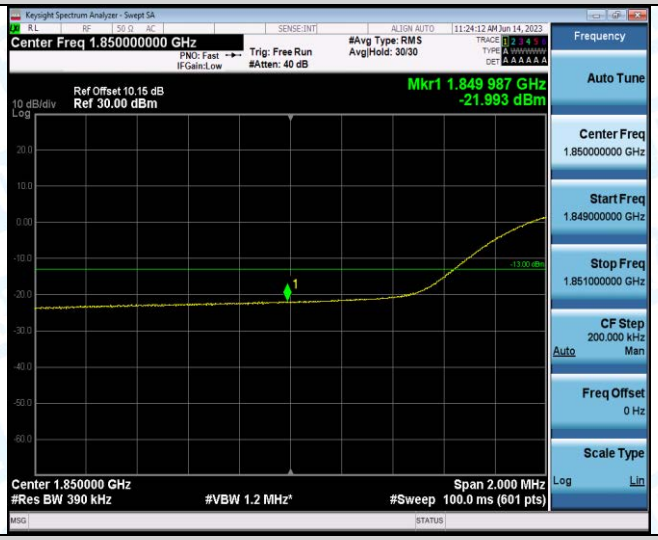
Band2-15MHz-16QAM-19125-1RB#74

Band2-15MHz-16QAM-19125-75RB#0

Band2-20MHz-QPSK-18700-1RB#0

Band2-20MHz-QPSK-18700-1RB#99

Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-19100-1RB#0