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
07:14:46 AM May 13, 2023
Frequency
Ref Offset 10.84 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
17.923 MHz
Total Power
29.4 dBm
Transmit Freq Error
-4.344 kHz
% of OBW Power
99.00 %
x dB Bandwidth
19.38 MHz
x dB
-26.00 dB
Freq Offset
0 Hz

4. Band Edge

Test Result

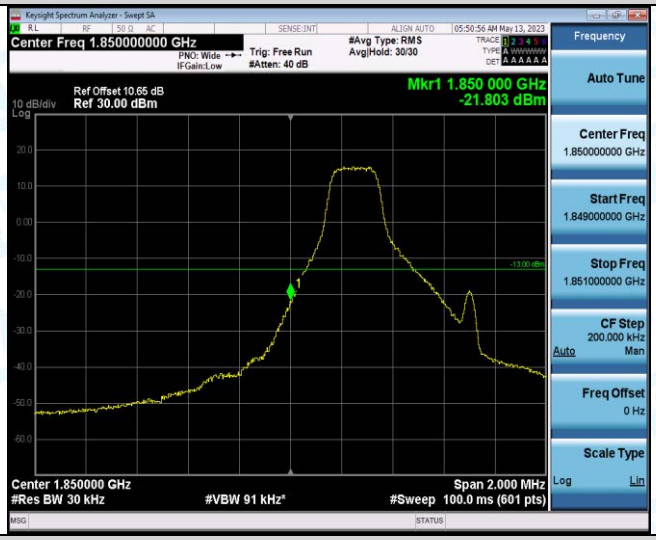
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-21.80	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-30.42	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-34.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-22.53	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-29.94	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-23.28	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-34.56	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-30.94	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-36.14	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-22.46	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-31.32	PASS
Band2	3MHz	QPSK	18615	1RB#0	-19.67	PASS
Band2	3MHz	QPSK	18615	1RB#14	-47.95	PASS
Band2	3MHz	QPSK	18615	15RB#0	-31.78	PASS
Band2	3MHz	QPSK	19185	1RB#0	-48.80	PASS
Band2	3MHz	QPSK	19185	1RB#14	-19.56	PASS
Band2	3MHz	QPSK	19185	15RB#0	-31.72	PASS
Band2	3MHz	16QAM	18615	1RB#0	-20.74	PASS
Band2	3MHz	16QAM	18615	1RB#14	-47.70	PASS
Band2	3MHz	16QAM	18615	15RB#0	-33.20	PASS
Band2	3MHz	16QAM	19185	1RB#0	-48.94	PASS
Band2	3MHz	16QAM	19185	1RB#14	-20.28	PASS
Band2	3MHz	16QAM	19185	15RB#0	-32.98	PASS
Band2	5MHz	QPSK	18625	1RB#0	-17.47	PASS
Band2	5MHz	QPSK	18625	1RB#24	-46.14	PASS
Band2	5MHz	QPSK	18625	25RB#0	-29.70	PASS
Band2	5MHz	QPSK	19175	1RB#0	-46.87	PASS
Band2	5MHz	QPSK	19175	1RB#24	-17.25	PASS
Band2	5MHz	QPSK	19175	25RB#0	-30.43	PASS
Band2	5MHz	16QAM	18625	1RB#0	-16.83	PASS
Band2	5MHz	16QAM	18625	1RB#24	-46.20	PASS
Band2	5MHz	16QAM	18625	25RB#0	-30.30	PASS

Band2	5MHz	16QAM	19175	1RB#0	-46.71	PASS
Band2	5MHz	16QAM	19175	1RB#24	-18.72	PASS
Band2	5MHz	16QAM	19175	25RB#0	-31.78	PASS
Band2	10MHz	QPSK	18650	1RB#0	-19.32	PASS
Band2	10MHz	QPSK	18650	1RB#49	-44.93	PASS
Band2	10MHz	QPSK	18650	50RB#0	-32.97	PASS
Band2	10MHz	QPSK	19150	1RB#0	-45.72	PASS
Band2	10MHz	QPSK	19150	1RB#49	-19.38	PASS
Band2	10MHz	QPSK	19150	50RB#0	-31.73	PASS
Band2	10MHz	16QAM	18650	1RB#0	-20.49	PASS
Band2	10MHz	16QAM	18650	1RB#49	-45.07	PASS
Band2	10MHz	16QAM	18650	50RB#0	-34.25	PASS
Band2	10MHz	16QAM	19150	1RB#0	-45.72	PASS
Band2	10MHz	16QAM	19150	1RB#49	-19.85	PASS
Band2	10MHz	16QAM	19150	50RB#0	-33.36	PASS
Band2	15MHz	QPSK	18675	1RB#0	-20.04	PASS
Band2	15MHz	QPSK	18675	1RB#74	-44.39	PASS
Band2	15MHz	QPSK	18675	75RB#0	-34.44	PASS
Band2	15MHz	QPSK	19125	1RB#0	-44.59	PASS
Band2	15MHz	QPSK	19125	1RB#74	-20.75	PASS
Band2	15MHz	QPSK	19125	75RB#0	-32.54	PASS
Band2	15MHz	16QAM	18675	1RB#0	-20.22	PASS
Band2	15MHz	16QAM	18675	1RB#74	-44.40	PASS
Band2	15MHz	16QAM	18675	75RB#0	-35.59	PASS
Band2	15MHz	16QAM	19125	1RB#0	-44.62	PASS
Band2	15MHz	16QAM	19125	1RB#74	-21.93	PASS
Band2	15MHz	16QAM	19125	75RB#0	-34.62	PASS
Band2	20MHz	QPSK	18700	1RB#0	-23.09	PASS
Band2	20MHz	QPSK	18700	1RB#99	-43.39	PASS
Band2	20MHz	QPSK	18700	100RB#0	-36.37	PASS
Band2	20MHz	QPSK	19100	1RB#0	-43.33	PASS
Band2	20MHz	QPSK	19100	1RB#99	-23.53	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.97	PASS
Band2	20MHz	16QAM	18700	1RB#0	-22.51	PASS
Band2	20MHz	16QAM	18700	1RB#99	-43.42	PASS
Band2	20MHz	16QAM	18700	100RB#0	-36.87	PASS
Band2	20MHz	16QAM	19100	1RB#0	-43.30	PASS

Band2	20MHz	16QAM	19100	1RB#99	-23.67	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.89	PASS

Test Graphs

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

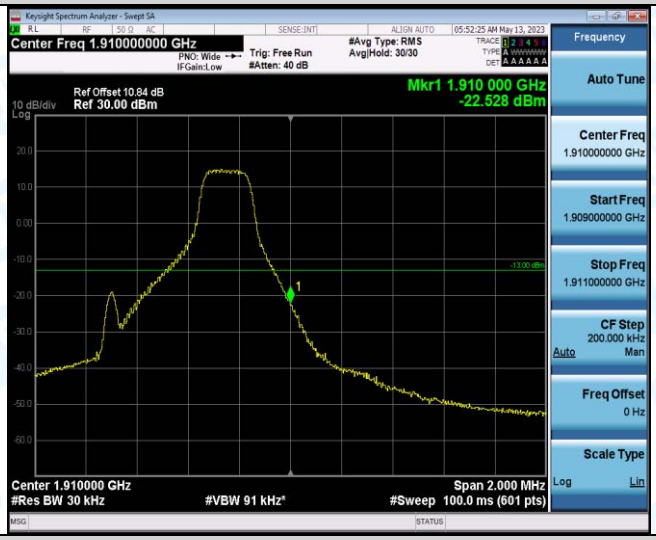


Band2-1.4MHz-QPSK-18607-1RB#5

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

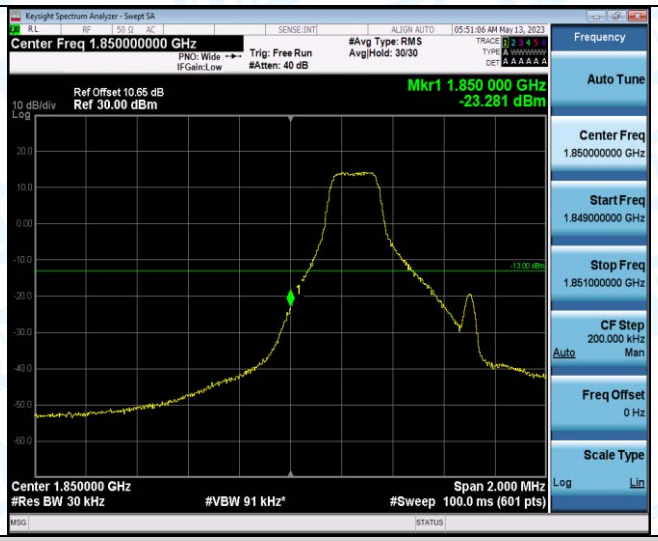
Band2-1.4MHz-QPSK-19193-1RB#0

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



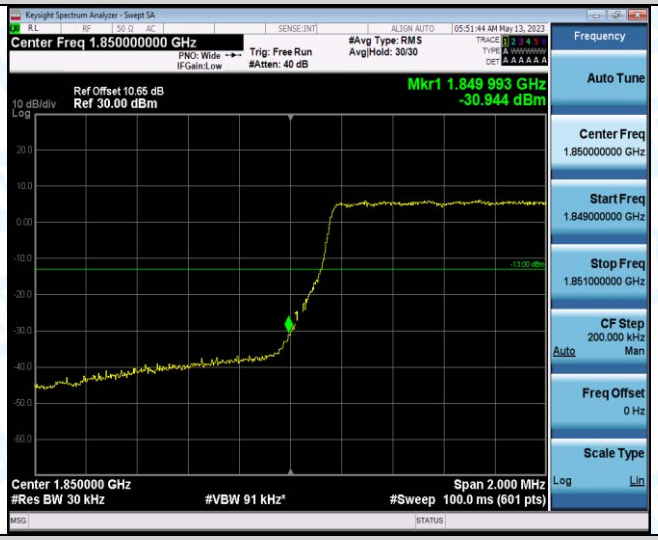
Band2-1.4MHz-QPSK-19193-6RB#0

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



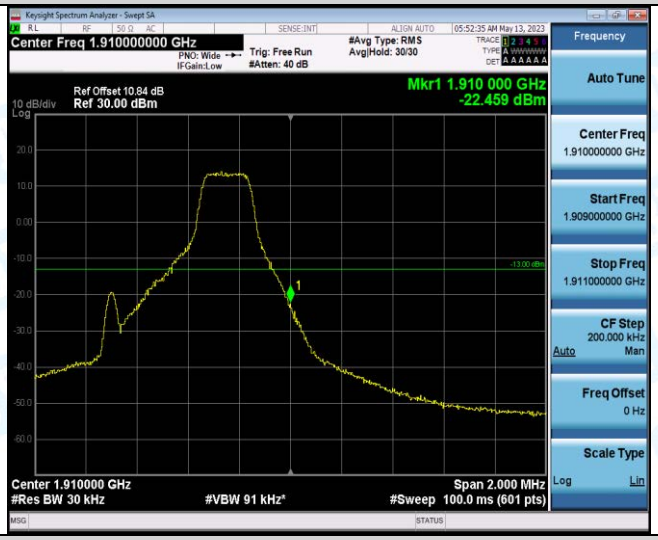
Band2-1.4MHz-16QAM-18607-1RB#5

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



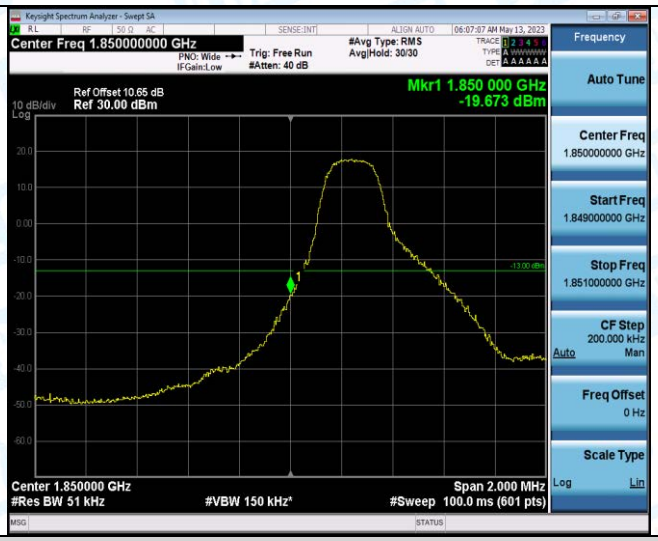
Band2-1.4MHz-16QAM-19193-1RB#0

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



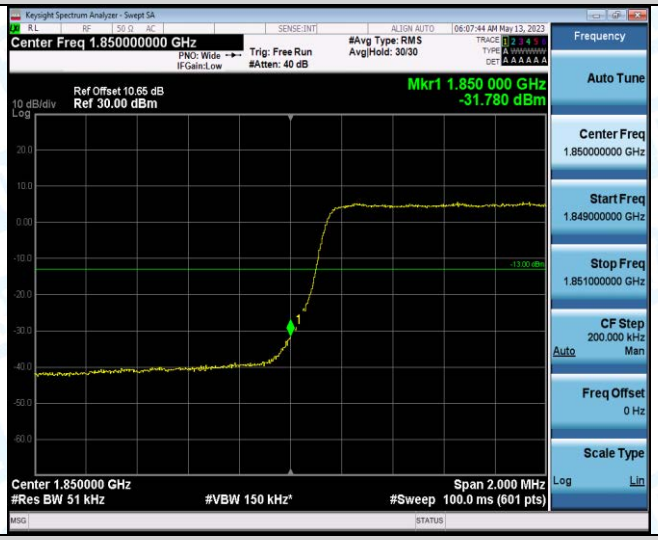
Band2-1.4MHz-16QAM-19193-6RB#0

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



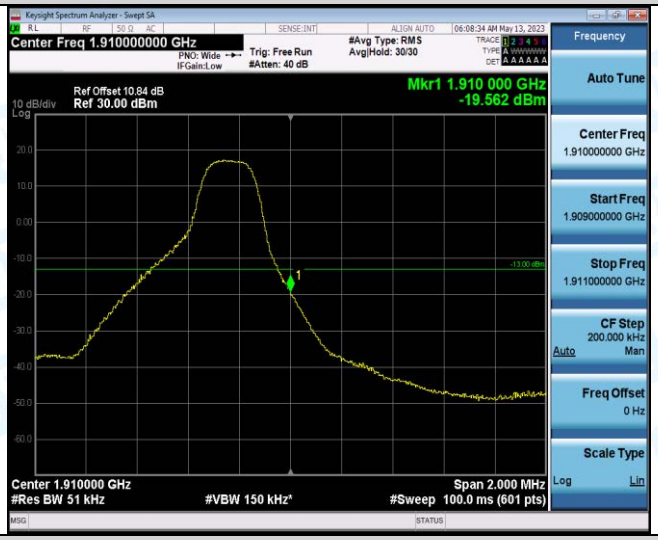
Band2-3MHz-QPSK-18615-1RB#14

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



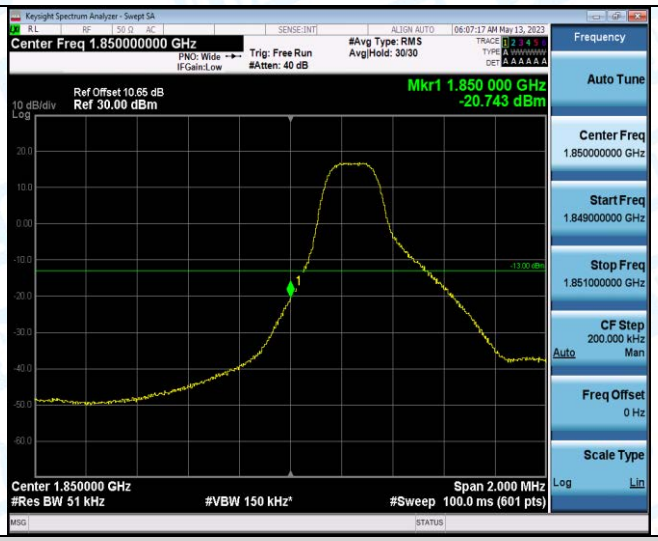
Band2-3MHz-QPSK-19185-1RB#0

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



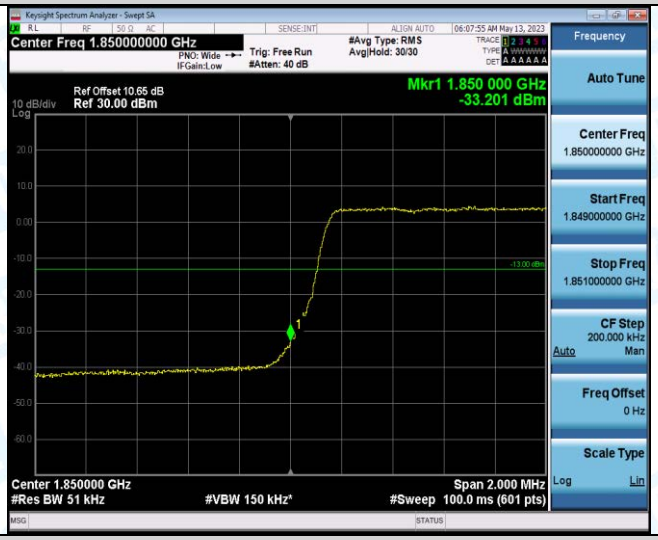
Band2-3MHz-QPSK-19185-15RB#0

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



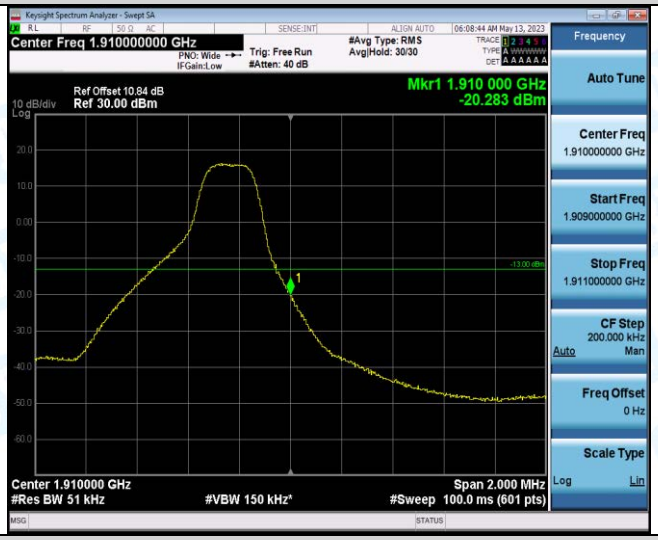
Band2-3MHz-16QAM-18615-1RB#14

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

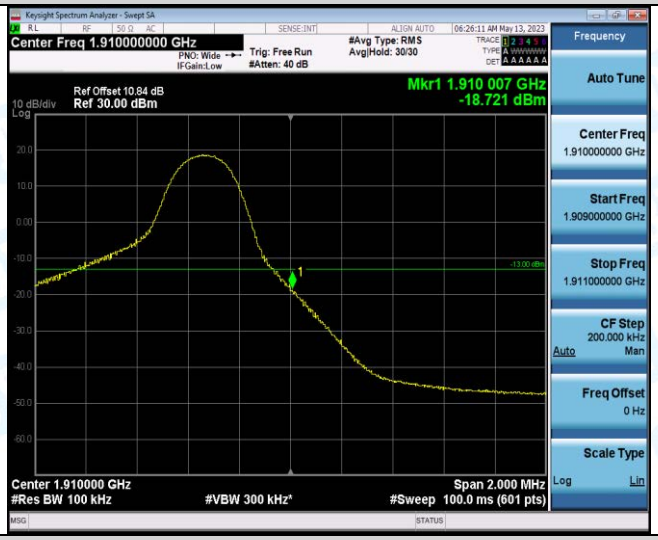
Band2-5MHz-16QAM-18625-1RB#0

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

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

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

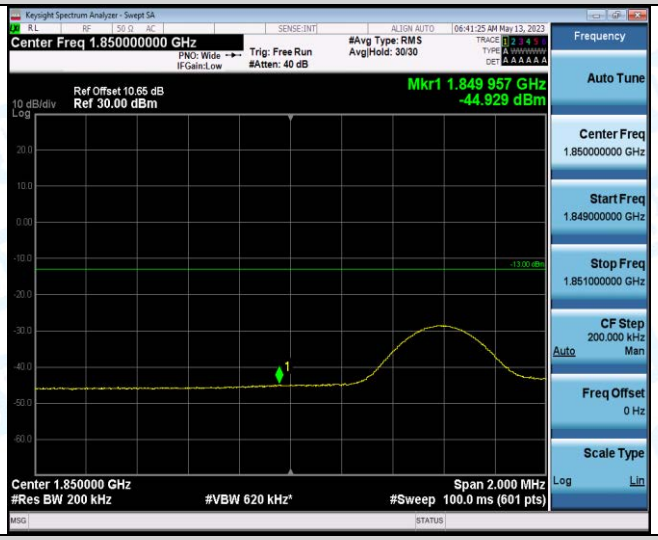
Band2-5MHz-16QAM-19175-1RB#24



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

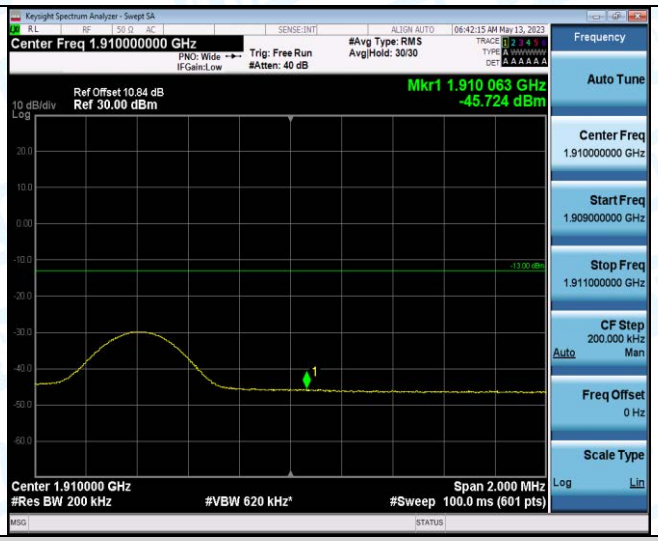
Band2-10MHz-QPSK-18650-1RB#0

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

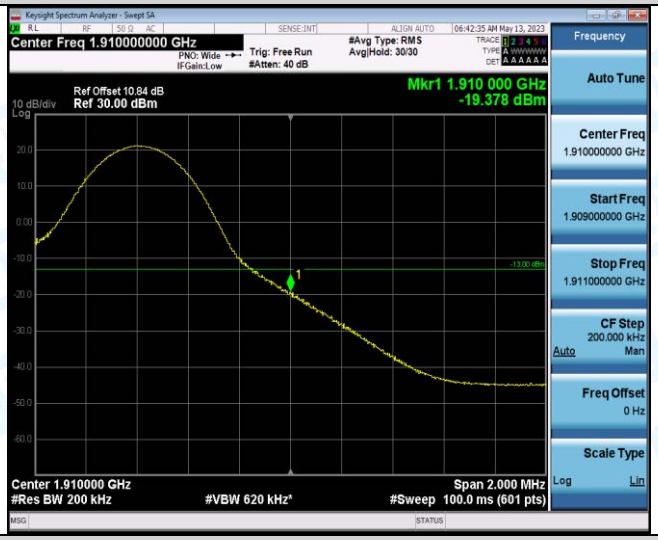


Band2-10MHz-QPSK-18650-50RB#0

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



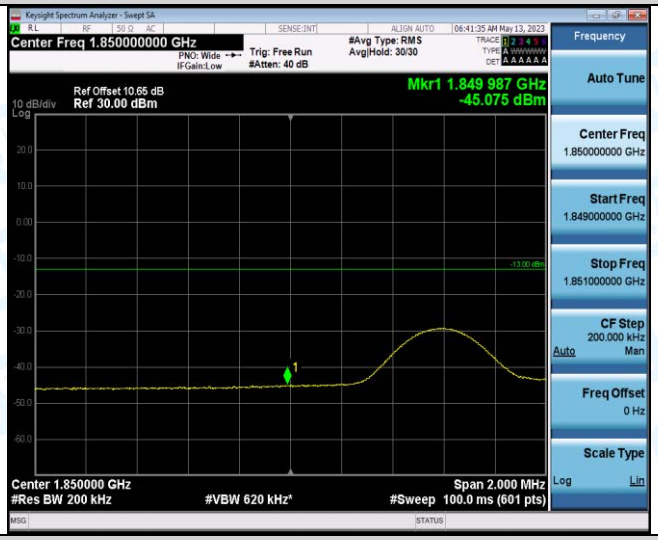
Band2-10MHz-QPSK-19150-1RB#49



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

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

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



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

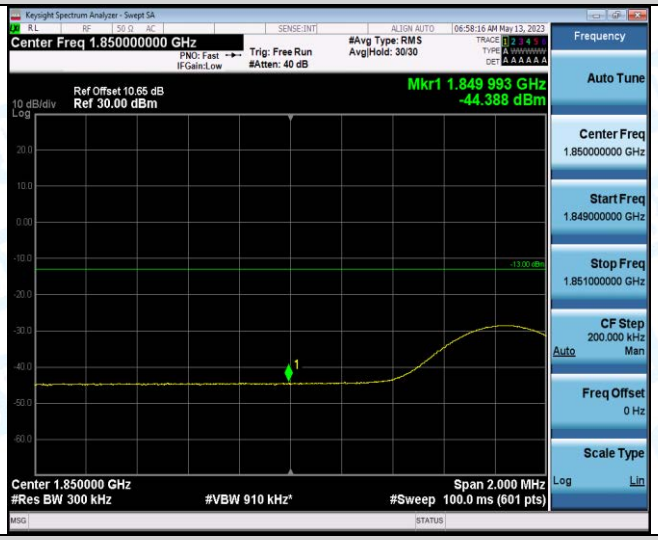
Band2-10MHz-16QAM-19150-1RB#0

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

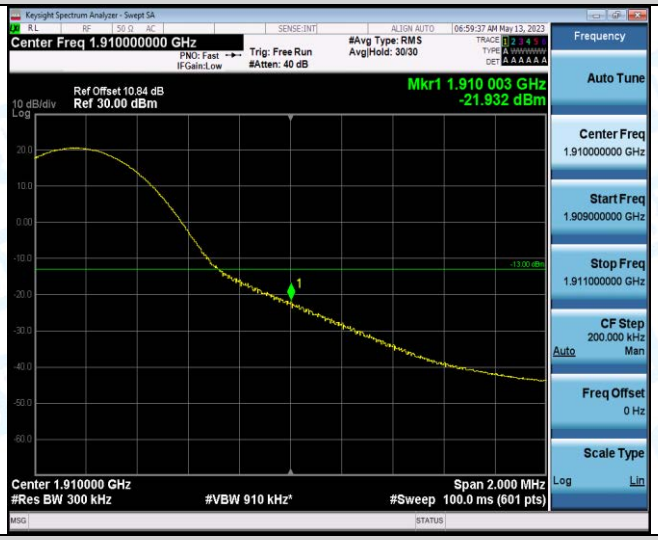
Band2-15MHz-16QAM-18675-1RB#0

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