Band26-5MHz-QPSK-26815-25RB#0

Band26-5MHz-QPSK-26915-25RB#0

Band26-5MHz-QPSK-27015-25RB#0

Band26-5MHz-16QAM-26815-25RB#0

Band26-5MHz-16QAM-26915-25RB#0

Band26-5MHz-16QAM-27015-25RB#0

Band26-10MHz-QPSK-26840-50RB#0

Band26-10MHz-QPSK-26915-50RB#0

Band26-10MHz-QPSK-26990-50RB#0

Band26-10MHz-16QAM-26840-50RB#0

Band26-10MHz-16QAM-26915-50RB#0

Band26-10MHz-16QAM-26990-50RB#0

Band26-15MHz-QPSK-26865-75RB#0

Band26-15MHz-QPSK-26915-75RB#0

Band26-15MHz-QPSK-26965-75RB#0

Band26-15MHz-16QAM-26865-75RB#0

Band26-15MHz-16QAM-26915-75RB#0

Band26-15MHz-16QAM-26965-75RB#0

Keysight Spectrum Analyzer - Occupied BW
Center Freq 841.500000 MHz
Center Freq: 841.500000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
08:17:17 AM Jun 15, 2023
Frequency
Ref Offset 8.68 dB
10 dB/div
Ref 30.00 dBm
Center Freq
841.500000 MHz
Center 841.5 MHz
#Res BW 300 kHz
#VBW 910 kHz
Span 30 MHz
#Sweep 100 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
13.434 MHz
Total Power 30.1 dBm
Transmit Freq Error -7.781 kHz
% of OBW Power 99.00 %
x dB Bandwidth 14.71 MHz
x dB -26.00 dB
Freq Offset
0 Hz

4. Band Edge

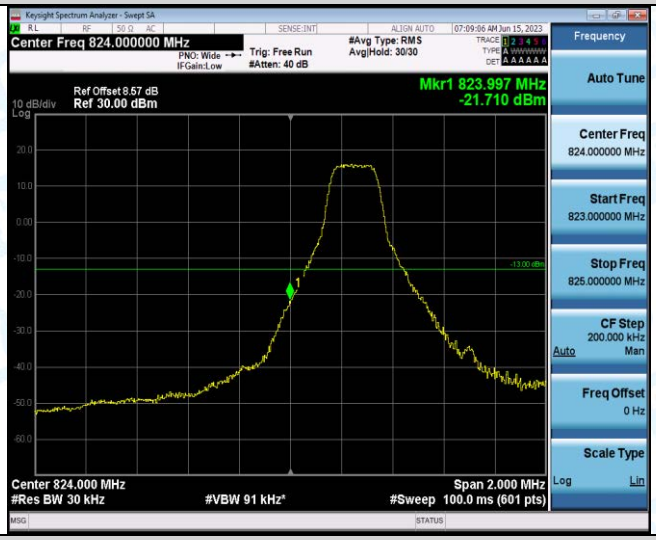
Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	-21.71	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	-46.05	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	-28.08	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	-49.73	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	-21.11	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	-27.74	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	-22.59	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	-47.21	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	-28.63	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	-50.22	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	-22.34	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	-29.14	PASS
Band26	3MHz	QPSK	26805	1RB#0	-19.43	PASS
Band26	3MHz	QPSK	26805	1RB#14	-44.08	PASS
Band26	3MHz	QPSK	26805	15RB#0	-25.22	PASS
Band26	3MHz	QPSK	27025	1RB#0	-45.53	PASS
Band26	3MHz	QPSK	27025	1RB#14	-18.20	PASS
Band26	3MHz	QPSK	27025	15RB#0	-26.30	PASS
Band26	3MHz	16QAM	26805	1RB#0	-18.89	PASS
Band26	3MHz	16QAM	26805	1RB#14	-44.21	PASS
Band26	3MHz	16QAM	26805	15RB#0	-26.20	PASS
Band26	3MHz	16QAM	27025	1RB#0	-46.09	PASS
Band26	3MHz	16QAM	27025	1RB#14	-19.69	PASS
Band26	3MHz	16QAM	27025	15RB#0	-28.30	PASS
Band26	5MHz	QPSK	26815	1RB#0	-17.51	PASS
Band26	5MHz	QPSK	26815	1RB#24	-50.64	PASS
Band26	5MHz	QPSK	26815	25RB#0	-25.09	PASS
Band26	5MHz	QPSK	27015	1RB#0	-51.31	PASS
Band26	5MHz	QPSK	27015	1RB#24	-17.61	PASS
Band26	5MHz	QPSK	27015	25RB#0	-26.32	PASS
Band26	5MHz	16QAM	26815	1RB#0	-19.03	PASS
Band26	5MHz	16QAM	26815	1RB#24	-51.35	PASS
Band26	5MHz	16QAM	26815	25RB#0	-26.18	PASS

Band26	5MHz	16QAM	27015	1RB#0	-51.68	PASS
Band26	5MHz	16QAM	27015	1RB#24	-19.78	PASS
Band26	5MHz	16QAM	27015	25RB#0	-28.06	PASS
Band26	10MHz	QPSK	26840	1RB#0	-26.07	PASS
Band26	10MHz	QPSK	26840	1RB#49	-47.94	PASS
Band26	10MHz	QPSK	26840	50RB#0	-26.32	PASS
Band26	10MHz	QPSK	26990	1RB#0	-48.59	PASS
Band26	10MHz	QPSK	26990	1RB#49	-25.08	PASS
Band26	10MHz	QPSK	26990	50RB#0	-29.42	PASS
Band26	10MHz	16QAM	26840	1RB#0	-25.73	PASS
Band26	10MHz	16QAM	26840	1RB#49	-48.80	PASS
Band26	10MHz	16QAM	26840	50RB#0	-28.11	PASS
Band26	10MHz	16QAM	26990	1RB#0	-48.64	PASS
Band26	10MHz	16QAM	26990	1RB#49	-24.93	PASS
Band26	10MHz	16QAM	26990	50RB#0	-30.13	PASS
Band26	15MHz	QPSK	26865	1RB#0	-22.51	PASS
Band26	15MHz	QPSK	26865	1RB#74	-47.08	PASS
Band26	15MHz	QPSK	26865	75RB#0	-26.62	PASS
Band26	15MHz	QPSK	26965	1RB#0	-47.58	PASS
Band26	15MHz	QPSK	26965	1RB#74	-23.68	PASS
Band26	15MHz	QPSK	26965	75RB#0	-27.98	PASS
Band26	15MHz	16QAM	26865	1RB#0	-23.11	PASS
Band26	15MHz	16QAM	26865	1RB#74	-47.48	PASS
Band26	15MHz	16QAM	26865	75RB#0	-29.98	PASS
Band26	15MHz	16QAM	26965	1RB#0	-47.03	PASS
Band26	15MHz	16QAM	26965	1RB#74	-24.61	PASS
Band26	15MHz	16QAM	26965	75RB#0	-39.37	PASS

Test Graphs

Band26-1.4MHz-QPSK-26797-1RB#0

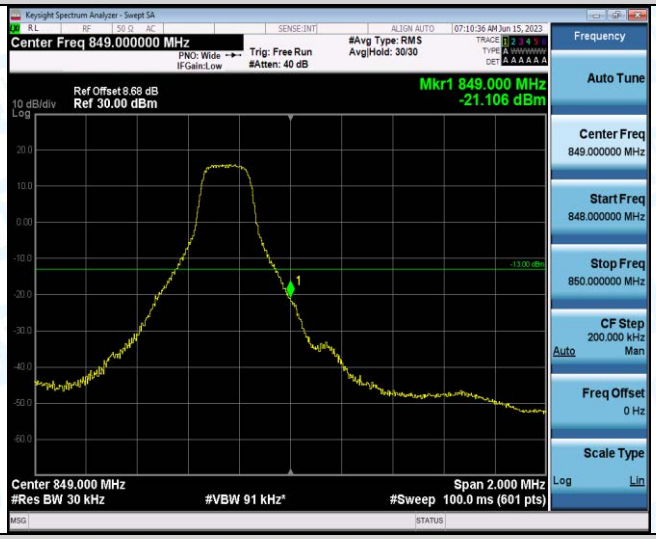


Band26-1.4MHz-QPSK-26797-1RB#5

Band26-1.4MHz-QPSK-26797-6RB#0

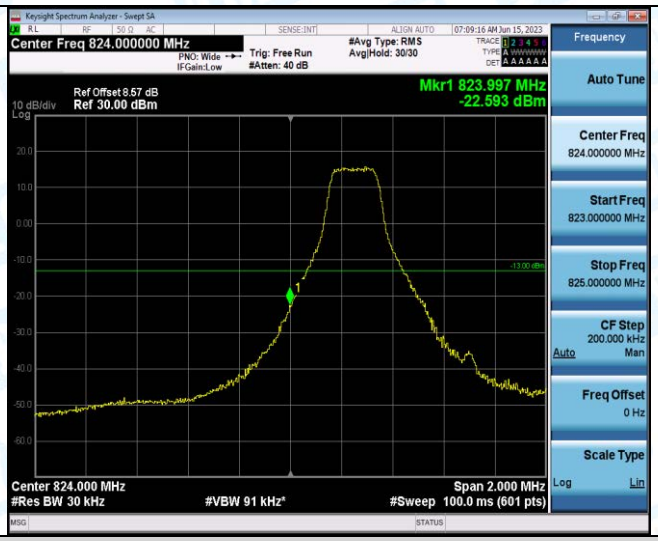
Band26-1.4MHz-QPSK-27033-1RB#0

Band26-1.4MHz-QPSK-27033-1RB#5



Band26-1.4MHz-QPSK-27033-6RB#0

Band26-1.4MHz-16QAM-26797-1RB#0

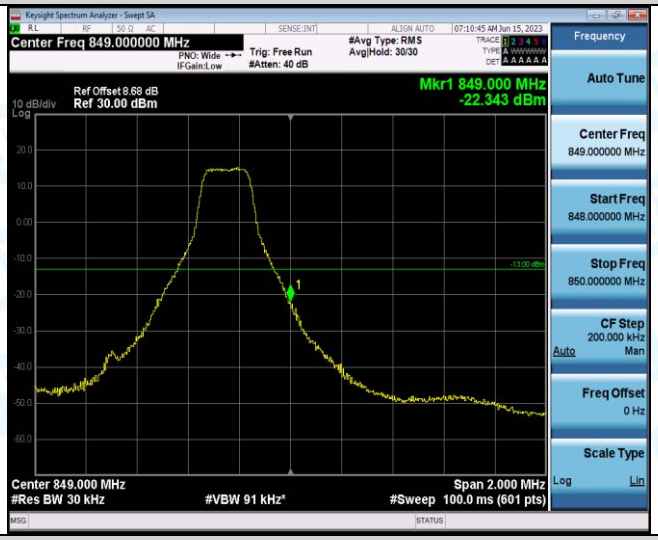


Band26-1.4MHz-16QAM-26797-1RB#5

Band26-1.4MHz-16QAM-26797-6RB#0

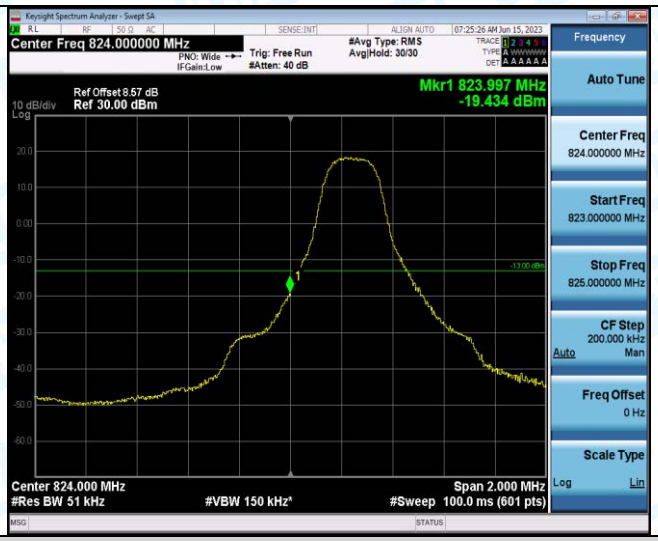
Band26-1.4MHz-16QAM-27033-1RB#0

Band26-1.4MHz-16QAM-27033-1RB#5

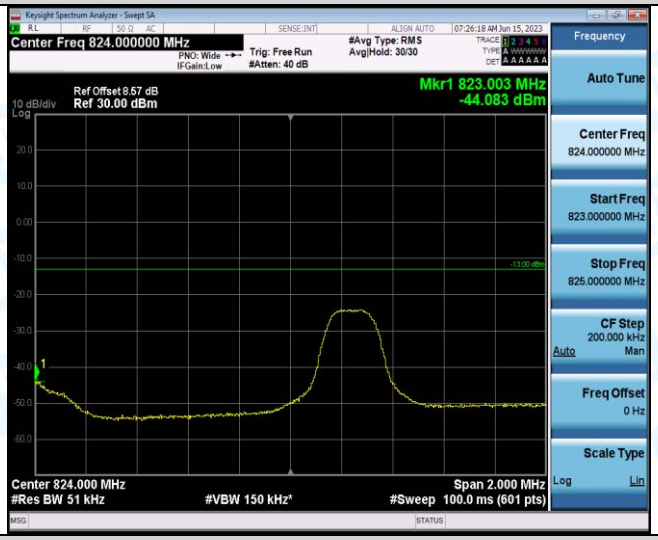


Band26-1.4MHz-16QAM-27033-6RB#0

Band26-3MHz-QPSK-26805-1RB#0

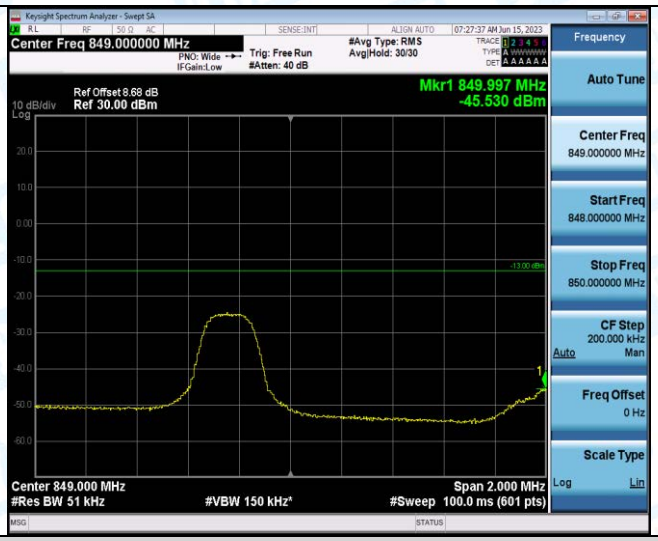


Band26-3MHz-QPSK-26805-1RB#14

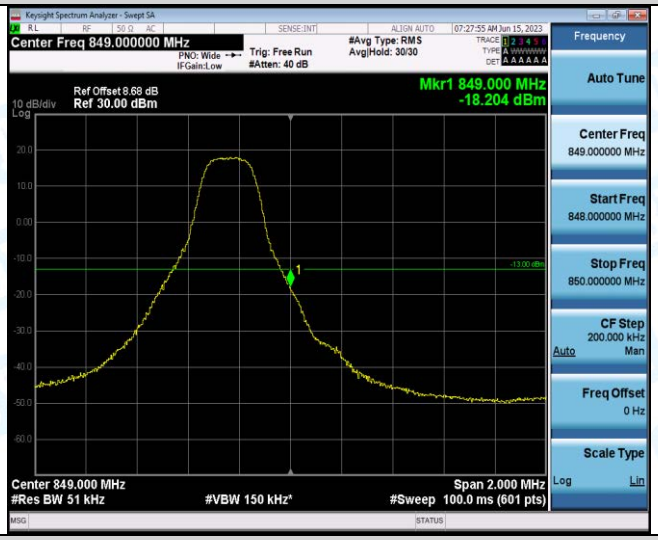


Band26-3MHz-QPSK-26805-15RB#0

Band26-3MHz-QPSK-27025-1RB#0

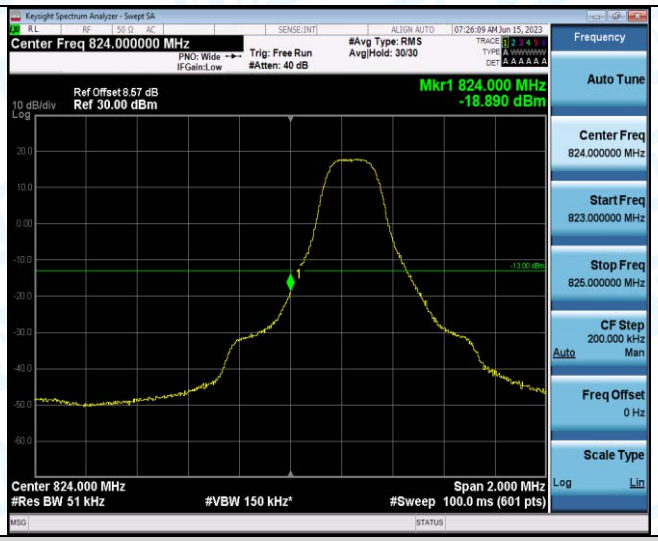


Band26-3MHz-QPSK-27025-1RB#14

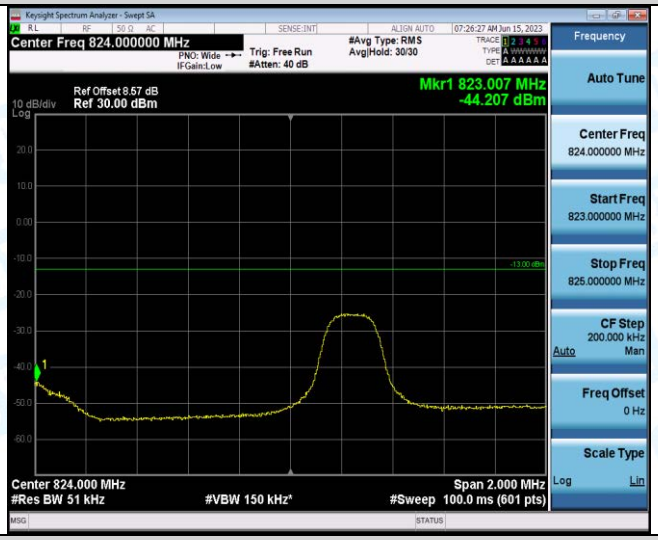


Band26-3MHz-QPSK-27025-15RB#0

Band26-3MHz-16QAM-26805-1RB#0

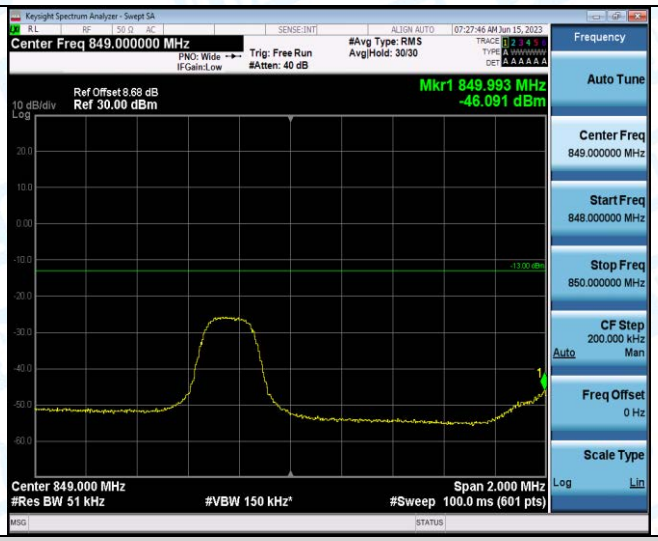


Band26-3MHz-16QAM-26805-1RB#14

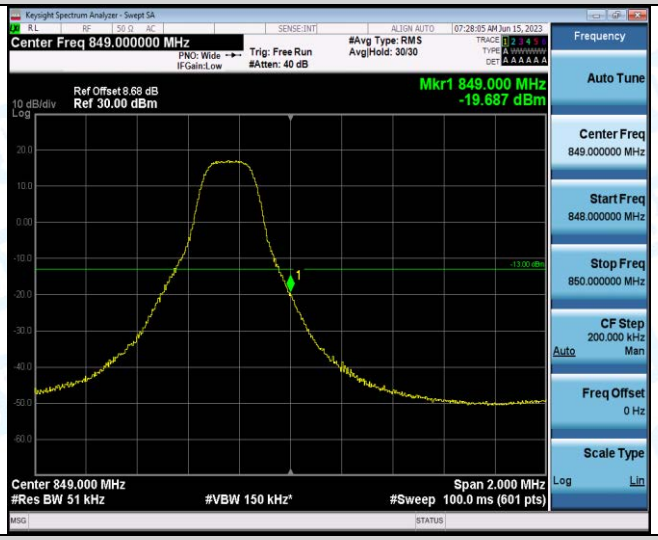


Band26-3MHz-16QAM-26805-15RB#0

Band26-3MHz-16QAM-27025-1RB#0

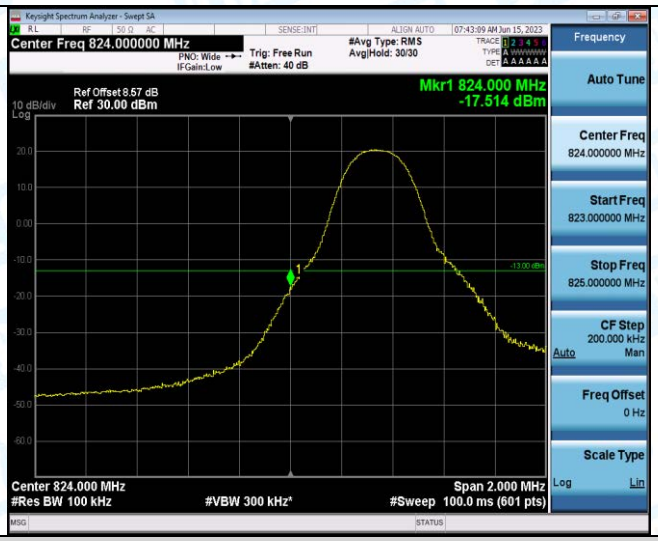


Band26-3MHz-16QAM-27025-1RB#14

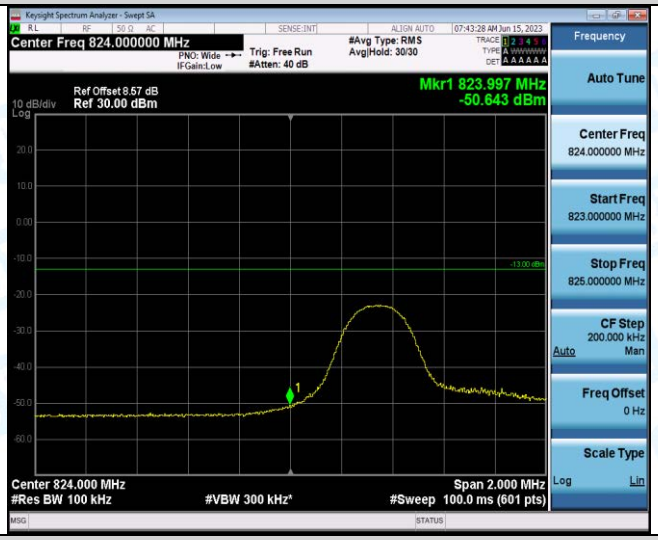


Band26-3MHz-16QAM-27025-15RB#0

Band26-5MHz-QPSK-26815-1RB#0



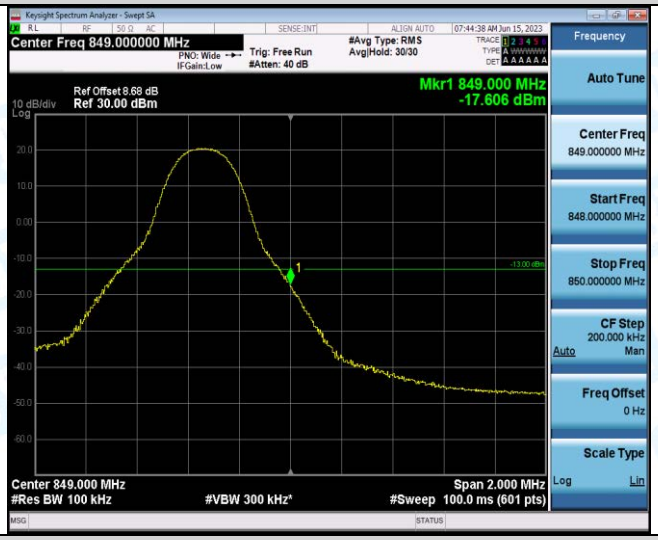
Band26-5MHz-QPSK-26815-1RB#24



Band26-5MHz-QPSK-26815-25RB#0

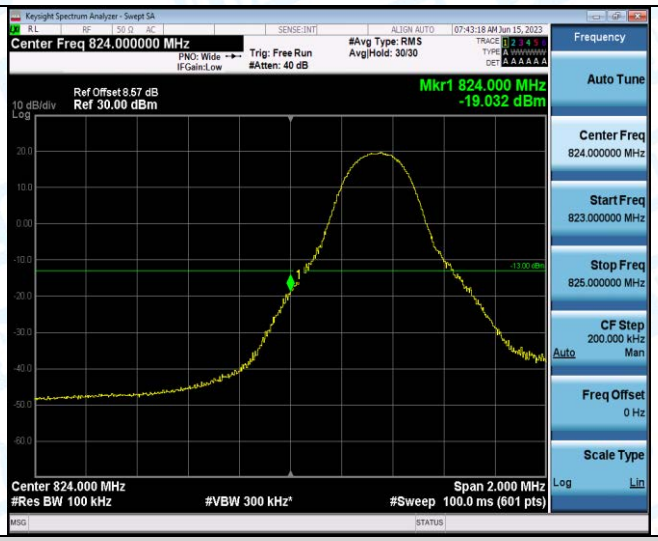
Band26-5MHz-QPSK-27015-1RB#0

Band26-5MHz-QPSK-27015-1RB#24

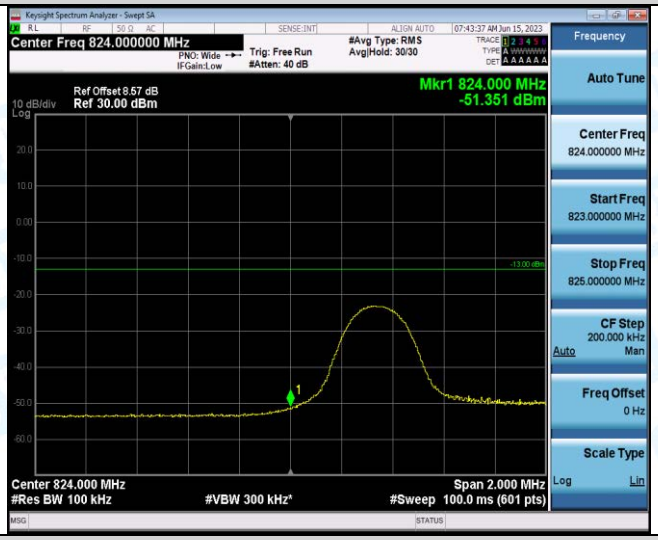


Band26-5MHz-QPSK-27015-25RB#0

Band26-5MHz-16QAM-26815-1RB#0

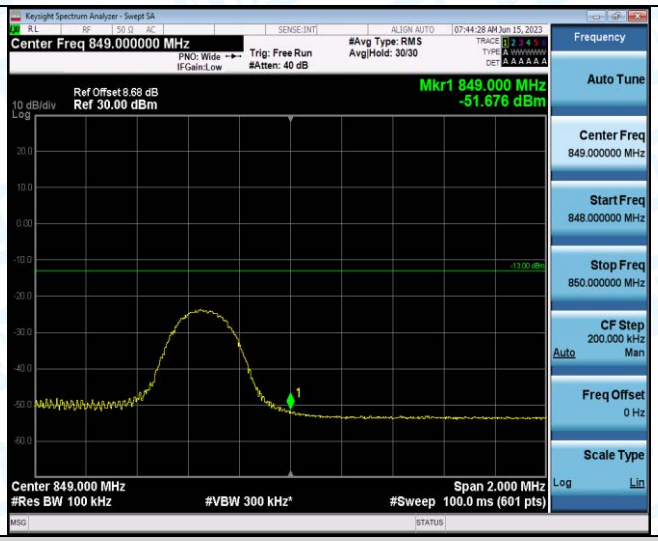


Band26-5MHz-16QAM-26815-1RB#24

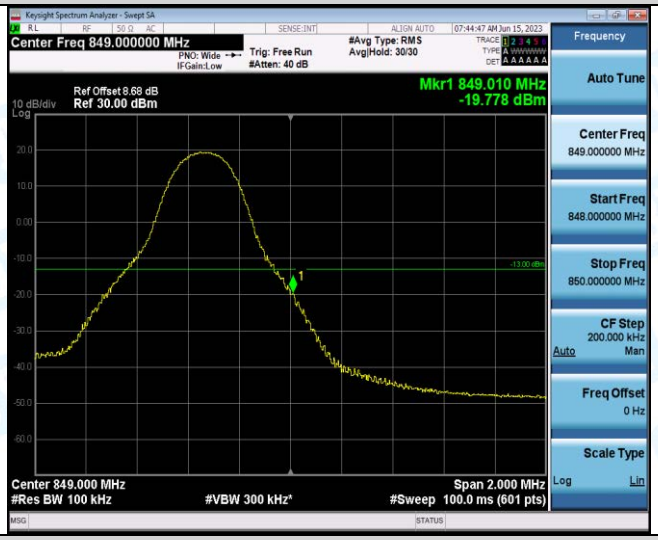


Band26-5MHz-16QAM-26815-25RB#0

Band26-5MHz-16QAM-27015-1RB#0



Band26-5MHz-16QAM-27015-1RB#24



Band26-5MHz-16QAM-27015-25RB#0

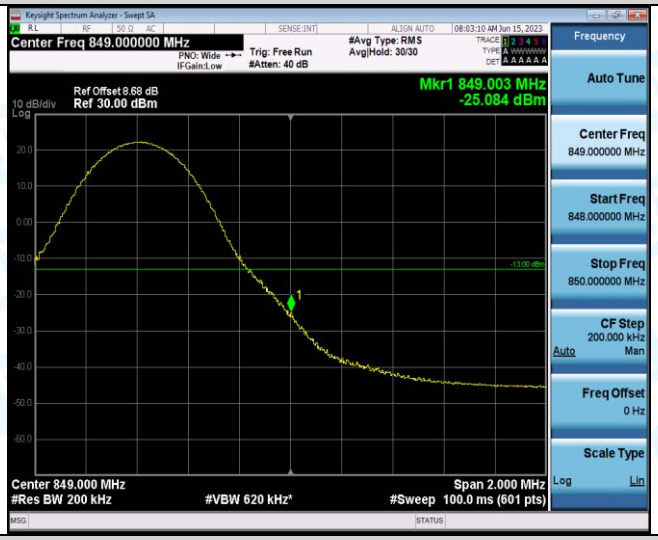
Band26-10MHz-QPSK-26840-1RB#0

Band26-10MHz-QPSK-26840-1RB#49

Band26-10MHz-QPSK-26840-50RB#0

Band26-10MHz-QPSK-26990-1RB#0

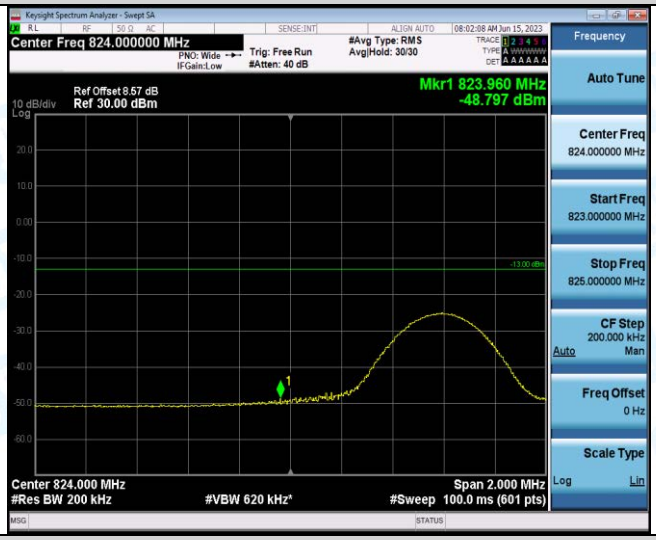
Band26-10MHz-QPSK-26990-1RB#49



Band26-10MHz-QPSK-26990-50RB#0

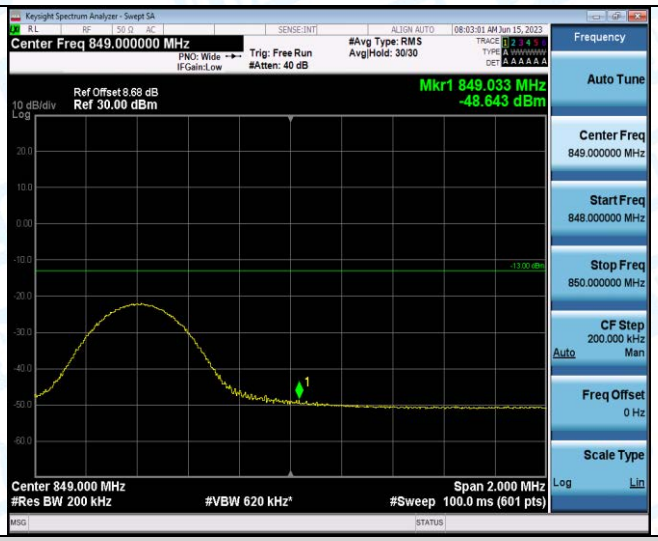
Band26-10MHz-16QAM-26840-1RB#0

Band26-10MHz-16QAM-26840-1RB#49

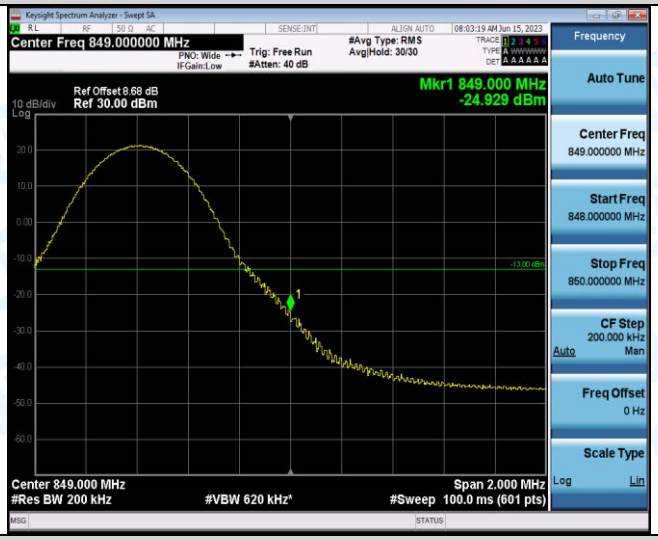


Band26-10MHz-16QAM-26840-50RB#0

Band26-10MHz-16QAM-26990-1RB#0



Band26-10MHz-16QAM-26990-1RB#49



Band26-10MHz-16QAM-26990-50RB#0

Band26-15MHz-QPSK-26865-1RB#0

Band26-15MHz-QPSK-26865-1RB#74

Band26-15MHz-QPSK-26865-75RB#0

Band26-15MHz-QPSK-26965-1RB#0

Band26-15MHz-QPSK-26965-1RB#74

Band26-15MHz-QPSK-26965-75RB#0

Band26-15MHz-16QAM-26865-1RB#0

Band26-15MHz-16QAM-26865-1RB#74

Band26-15MHz-16QAM-26865-75RB#0

Band26-15MHz-16QAM-26965-1RB#0

Band26-15MHz-16QAM-26965-1RB#74

Band26-15MHz-16QAM-26965-75RB#0

5. Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	Range1:30~1000MHz	-45.34	PASS
Band26	1.4MHz	QPSK	26797	1RB#0	Range2:1000~10000MHz	-36.5	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	Range1:30~1000MHz	-45.05	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	Range2:1000~10000MHz	-37.54	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	Range1:30~1000MHz	-45.53	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	Range2:1000~10000MHz	-37.89	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	Range1:30~1000MHz	-44.9	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	Range2:1000~10000MHz	-36.87	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	Range1:30~1000MHz	-45.65	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	Range2:1000~10000MHz	-37.29	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	Range1:30~1000MHz	-45.33	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	Range2:1000~10000MHz	-37.33	PASS
Band26	3MHz	QPSK	26805	1RB#0	Range1:30~1000MHz	-45.78	PASS
Band26	3MHz	QPSK	26805	1RB#0	Range2:1000~10000MHz	-37.47	PASS
Band26	3MHz	QPSK	26915	1RB#0	Range1:30~1000MHz	-46.13	PASS
Band26	3MHz	QPSK	26915	1RB#0	Range2:1000~10000MHz	-37.93	PASS
Band26	3MHz	QPSK	27025	1RB#0	Range1:30~1000MHz	-45.6	PASS
Band26	3MHz	QPSK	27025	1RB#0	Range2:1000~10000MHz	-36.57	PASS
Band26	3MHz	16QAM	26805	1RB#0	Range1:30~1000MHz	-45.56	PASS
Band26	3MHz	16QAM	26805	1RB#0	Range2:1000~10000MHz	-37.19	PASS
Band26	3MHz	16QAM	26915	1RB#0	Range1:30~1000MHz	-46.46	PASS
Band26	3MHz	16QAM	26915	1RB#0	Range2:1000~10000MHz	-37.52	PASS
Band26	3MHz	16QAM	27025	1RB#0	Range1:30~1000MHz	-45.71	PASS
Band26	3MHz	16QAM	27025	1RB#0	Range2:1000~10000MHz	-37.21	PASS
Band26	5MHz	QPSK	26815	1RB#0	Range1:30~1000MHz	-45.22	PASS
Band26	5MHz	QPSK	26815	1RB#0	Range2:1000~10000MHz	-35.39	PASS
Band26	5MHz	QPSK	26915	1RB#0	Range1:30~1000MHz	-45.68	PASS
Band26	5MHz	QPSK	26915	1RB#0	Range2:1000~10000MHz	-36.24	PASS
Band26	5MHz	QPSK	27015	1RB#0	Range1:30~1000MHz	-45.95	PASS
Band26	5MHz	QPSK	27015	1RB#0	Range2:1000~10000MHz	-37.07	PASS
Band26	5MHz	16QAM	26815	1RB#0	Range1:30~1000MHz	-45.7	PASS