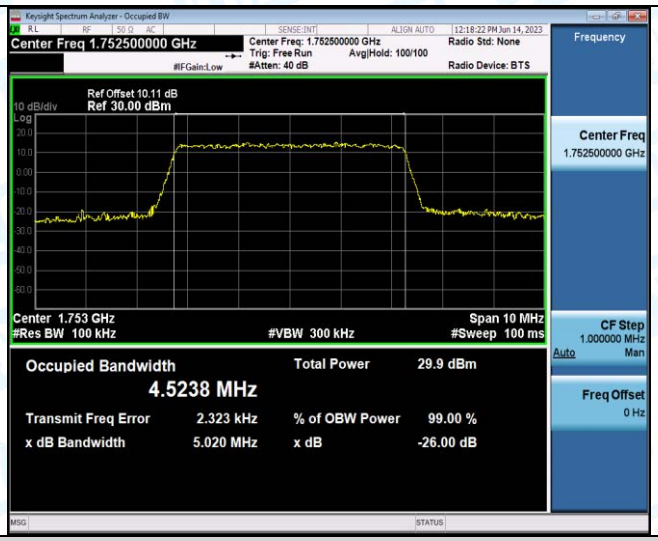
Band4-5MHz-16QAM-19975-25RB#0

Band4-5MHz-16QAM-20175-25RB#0

Band4-5MHz-16QAM-20375-25RB#0



Band4-10MHz-QPSK-20000-50RB#0

Band4-10MHz-QPSK-20175-50RB#0

Band4-10MHz-QPSK-20350-50RB#0

Band4-10MHz-16QAM-20000-50RB#0

Band4-10MHz-16QAM-20175-50RB#0

Band4-10MHz-16QAM-20350-50RB#0

Band4-15MHz-QPSK-20025-75RB#0

Band4-15MHz-QPSK-20175-75RB#0

Band4-15MHz-QPSK-20325-75RB#0

Band4-15MHz-16QAM-20025-75RB#0

Band4-15MHz-16QAM-20175-75RB#0

Band4-15MHz-16QAM-20325-75RB#0

Band4-20MHz-QPSK-20050-100RB#0

Band4-20MHz-QPSK-20175-100RB#0

Band4-20MHz-QPSK-20300-100RB#0

Band4-20MHz-16QAM-20050-100RB#0

Band4-20MHz-16QAM-20175-100RB#0

Band4-20MHz-16QAM-20300-100RB#0

Keysight Spectrum Analyzer - Occupied BW
Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 10.11 dB
10 dB/div
Ref 30.00 dBm
Center Freq
1.745000000 GHz
Center 1.745 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.931 MHz
Total Power 30.8 dBm
Transmit Freq Error 1.164 kHz
% of OBW Power 99.00 %
x dB Bandwidth 19.40 MHz
x dB -26.00 dB
Freq Offset
0 Hz

4. Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-18.58	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-44.94	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-26.15	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-40.62	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-19.02	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-24.10	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-21.44	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-46.46	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-27.15	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-39.70	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-20.54	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-26.29	PASS
Band4	3MHz	QPSK	19965	1RB#0	-17.36	PASS
Band4	3MHz	QPSK	19965	1RB#14	-42.69	PASS
Band4	3MHz	QPSK	19965	15RB#0	-23.77	PASS
Band4	3MHz	QPSK	20385	1RB#0	-42.87	PASS
Band4	3MHz	QPSK	20385	1RB#14	-15.56	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.61	PASS
Band4	3MHz	16QAM	19965	1RB#0	-18.38	PASS
Band4	3MHz	16QAM	19965	1RB#14	-43.92	PASS
Band4	3MHz	16QAM	19965	15RB#0	-25.36	PASS
Band4	3MHz	16QAM	20385	1RB#0	-43.97	PASS
Band4	3MHz	16QAM	20385	1RB#14	-16.47	PASS
Band4	3MHz	16QAM	20385	15RB#0	-25.85	PASS
Band4	5MHz	QPSK	19975	1RB#0	-16.62	PASS
Band4	5MHz	QPSK	19975	1RB#24	-49.33	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.47	PASS
Band4	5MHz	QPSK	20375	1RB#0	-49.95	PASS
Band4	5MHz	QPSK	20375	1RB#24	-16.26	PASS
Band4	5MHz	QPSK	20375	25RB#0	-23.98	PASS
Band4	5MHz	16QAM	19975	1RB#0	-17.69	PASS
Band4	5MHz	16QAM	19975	1RB#24	-49.57	PASS
Band4	5MHz	16QAM	19975	25RB#0	-24.88	PASS

Band4	5MHz	16QAM	20375	1RB#0	-50.19	PASS
Band4	5MHz	16QAM	20375	1RB#24	-17.85	PASS
Band4	5MHz	16QAM	20375	25RB#0	-25.12	PASS
Band4	10MHz	QPSK	20000	1RB#0	-23.54	PASS
Band4	10MHz	QPSK	20000	1RB#49	-47.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	-27.49	PASS
Band4	10MHz	QPSK	20350	1RB#0	-47.05	PASS
Band4	10MHz	QPSK	20350	1RB#49	-23.38	PASS
Band4	10MHz	QPSK	20350	50RB#0	-26.96	PASS
Band4	10MHz	16QAM	20000	1RB#0	-25.01	PASS
Band4	10MHz	16QAM	20000	1RB#49	-46.96	PASS
Band4	10MHz	16QAM	20000	50RB#0	-29.17	PASS
Band4	10MHz	16QAM	20350	1RB#0	-47.43	PASS
Band4	10MHz	16QAM	20350	1RB#49	-24.99	PASS
Band4	10MHz	16QAM	20350	50RB#0	-29.06	PASS
Band4	15MHz	QPSK	20025	1RB#0	-21.54	PASS
Band4	15MHz	QPSK	20025	1RB#74	-45.13	PASS
Band4	15MHz	QPSK	20025	75RB#0	-29.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	-45.70	PASS
Band4	15MHz	QPSK	20325	1RB#74	-22.99	PASS
Band4	15MHz	QPSK	20325	75RB#0	-26.71	PASS
Band4	15MHz	16QAM	20025	1RB#0	-22.47	PASS
Band4	15MHz	16QAM	20025	1RB#74	-45.40	PASS
Band4	15MHz	16QAM	20025	75RB#0	-31.01	PASS
Band4	15MHz	16QAM	20325	1RB#0	-45.79	PASS
Band4	15MHz	16QAM	20325	1RB#74	-23.77	PASS
Band4	15MHz	16QAM	20325	75RB#0	-30.01	PASS
Band4	20MHz	QPSK	20050	1RB#0	-33.73	PASS
Band4	20MHz	QPSK	20050	1RB#99	-45.26	PASS
Band4	20MHz	QPSK	20050	100RB#0	-30.66	PASS
Band4	20MHz	QPSK	20300	1RB#0	-45.17	PASS
Band4	20MHz	QPSK	20300	1RB#99	-25.66	PASS
Band4	20MHz	QPSK	20300	100RB#0	-29.09	PASS
Band4	20MHz	16QAM	20050	1RB#0	-25.14	PASS
Band4	20MHz	16QAM	20050	1RB#99	-45.30	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.49	PASS
Band4	20MHz	16QAM	20300	1RB#0	-45.34	PASS

Band4	20MHz	16QAM	20300	1RB#99	-24.62	PASS
Band4	20MHz	16QAM	20300	100RB#0	-31.14	PASS

Test Graphs

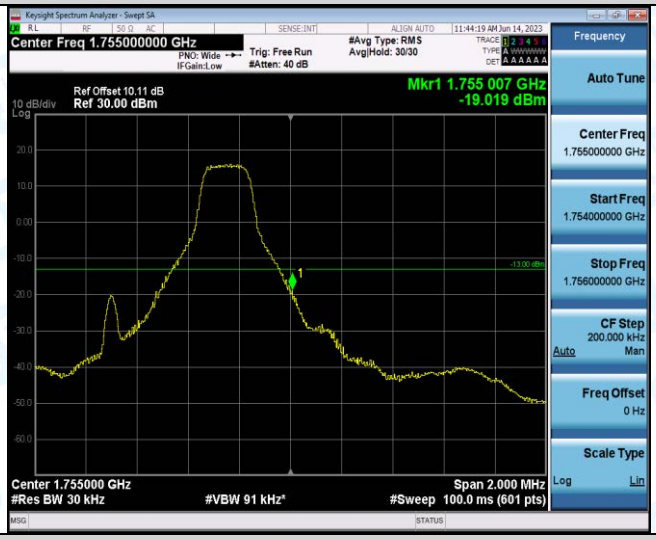
Band4-1.4MHz-QPSK-19957-1RB#0

Band4-1.4MHz-QPSK-19957-1RB#5

Band4-1.4MHz-QPSK-19957-6RB#0

Band4-1.4MHz-QPSK-20393-1RB#0

Band4-1.4MHz-QPSK-20393-1RB#5

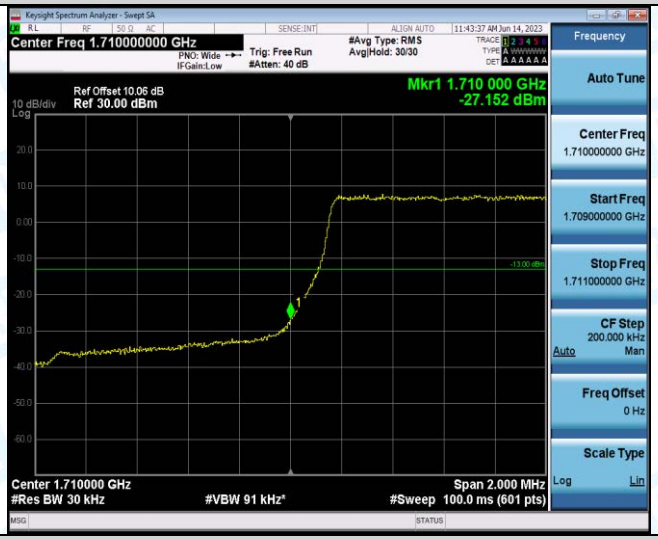


Band4-1.4MHz-QPSK-20393-6RB#0

Band4-1.4MHz-16QAM-19957-1RB#0

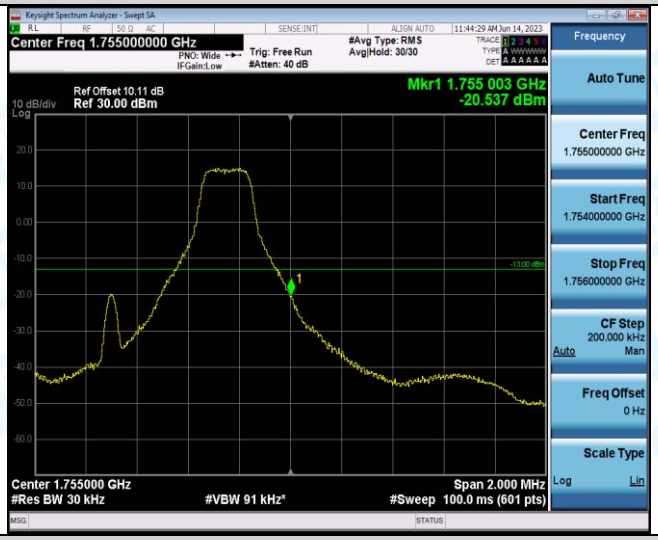
Band4-1.4MHz-16QAM-19957-1RB#5

Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#0

Band4-1.4MHz-16QAM-20393-1RB#5



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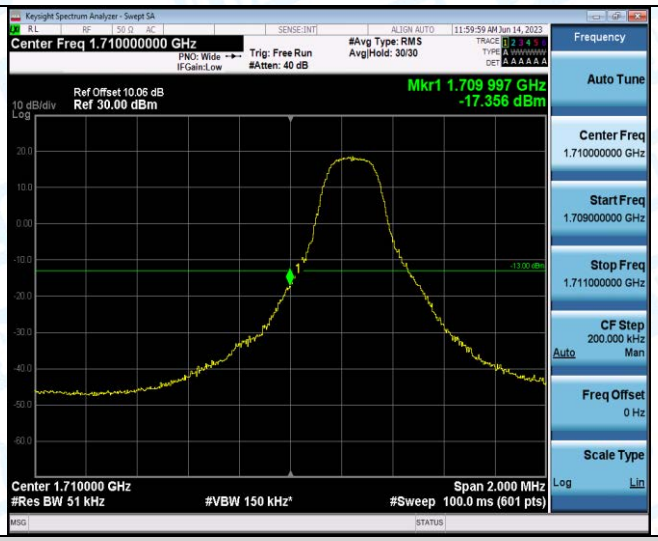
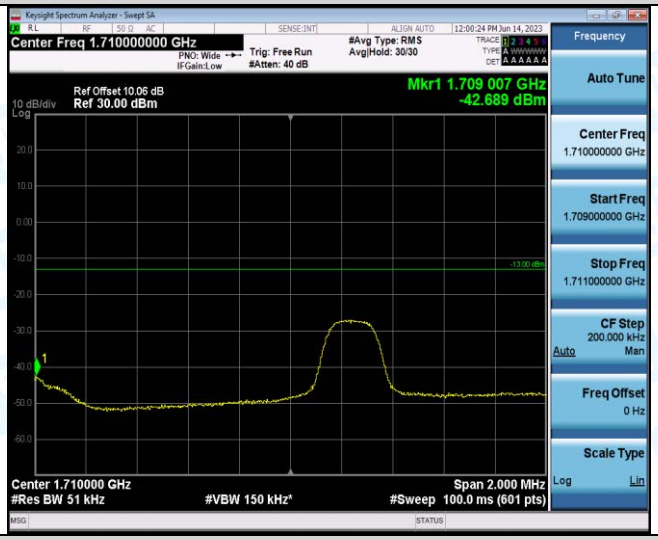
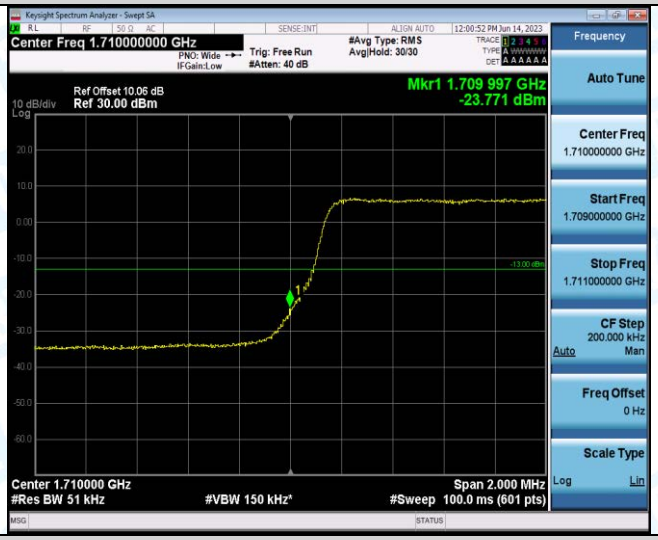
Band4-3MHz-QPSK-19965-1RB#0



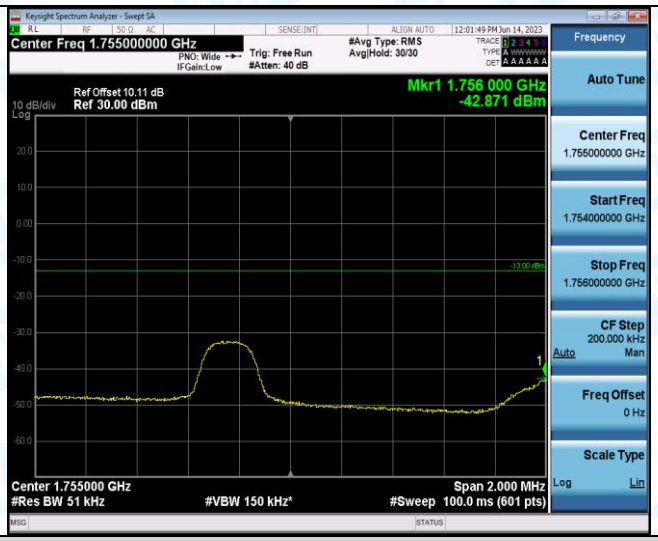
Band4-3MHz-QPSK-19965-1RB#14



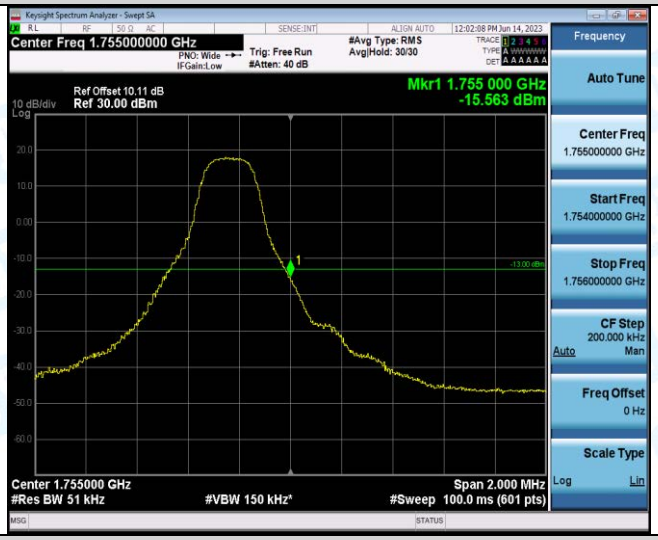
Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-1RB#0

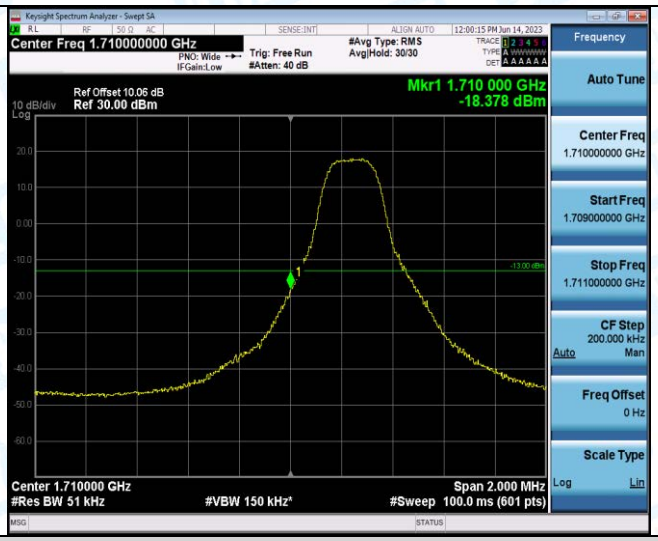


Band4-3MHz-QPSK-20385-1RB#14

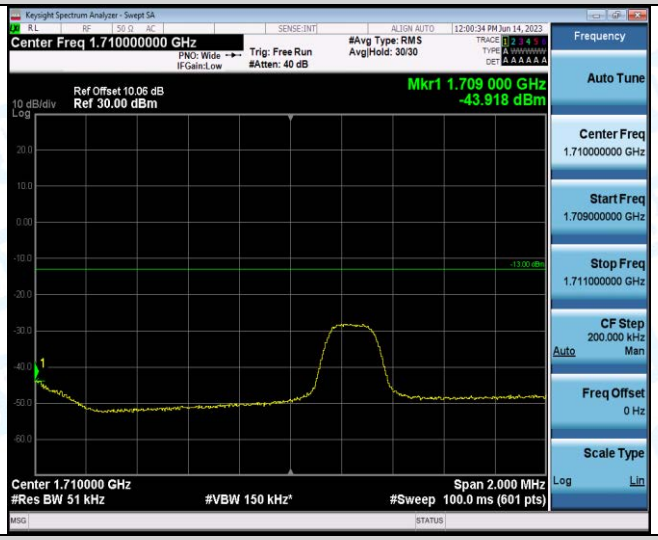


Band4-3MHz-QPSK-20385-15RB#0

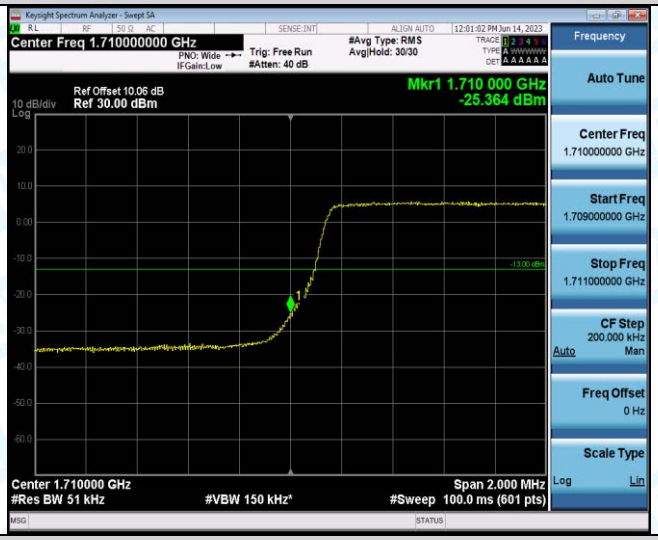
Band4-3MHz-16QAM-19965-1RB#0



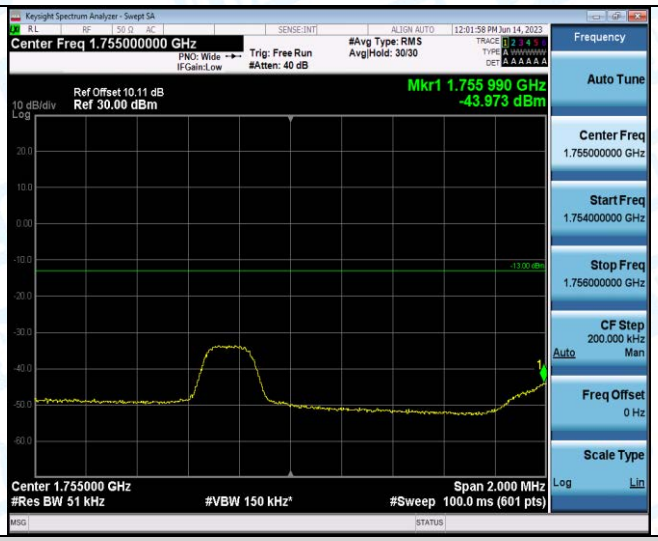
Band4-3MHz-16QAM-19965-1RB#14



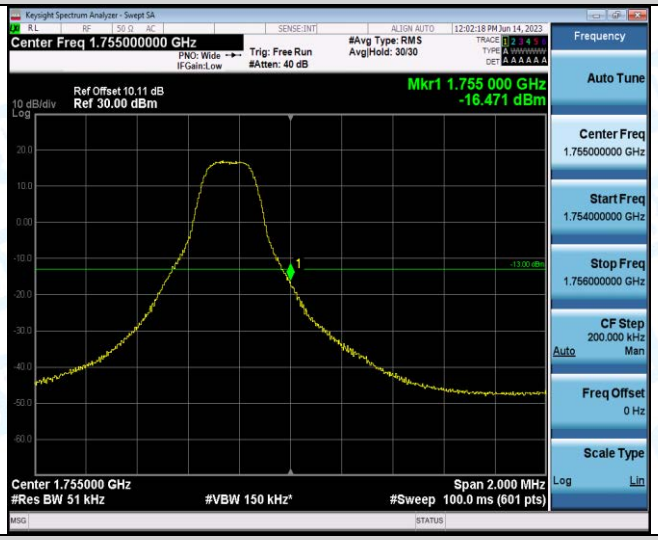
Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20385-1RB#0



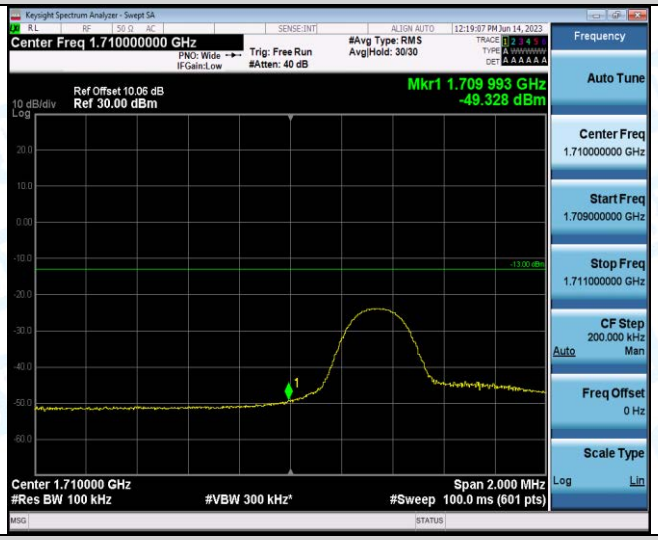
Band4-3MHz-16QAM-20385-1RB#14



Band4-3MHz-16QAM-20385-15RB#0

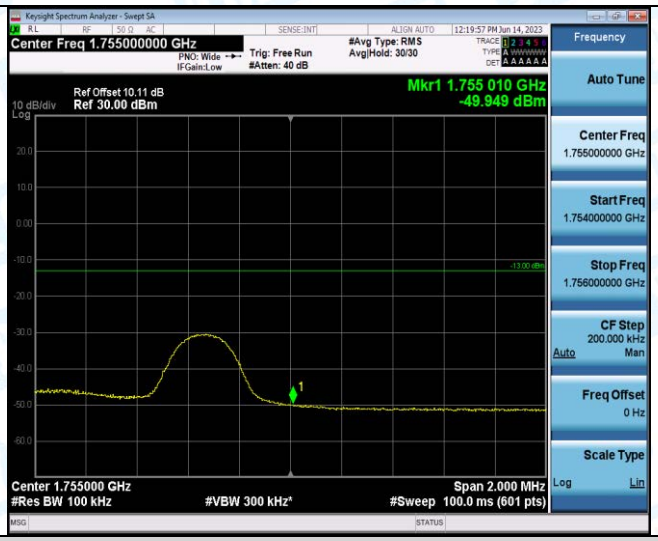
Band4-5MHz-QPSK-19975-1RB#0

Band4-5MHz-QPSK-19975-1RB#24

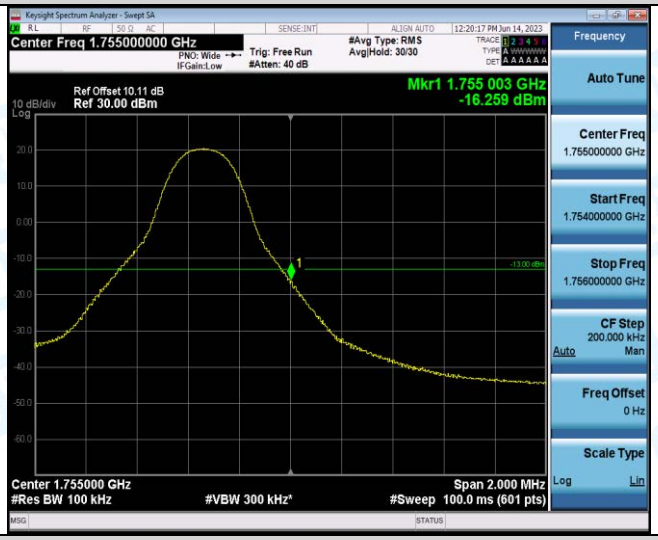


Band4-5MHz-QPSK-19975-25RB#0

Band4-5MHz-QPSK-20375-1RB#0

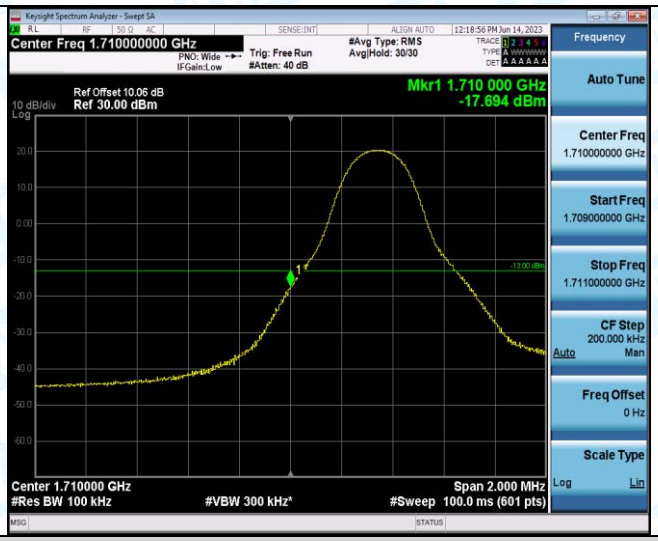


Band4-5MHz-QPSK-20375-1RB#24

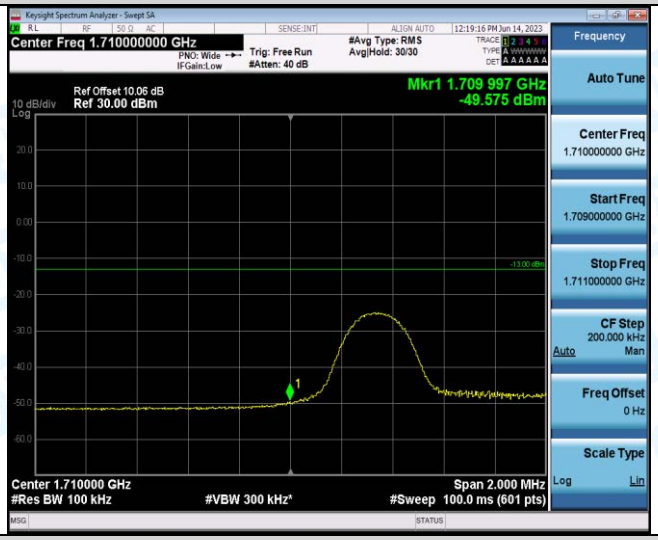


Band4-5MHz-QPSK-20375-25RB#0

Band4-5MHz-16QAM-19975-1RB#0

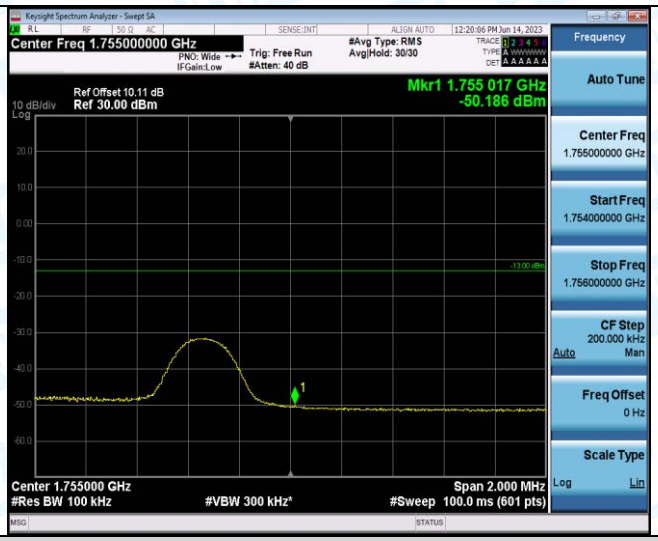


Band4-5MHz-16QAM-19975-1RB#24

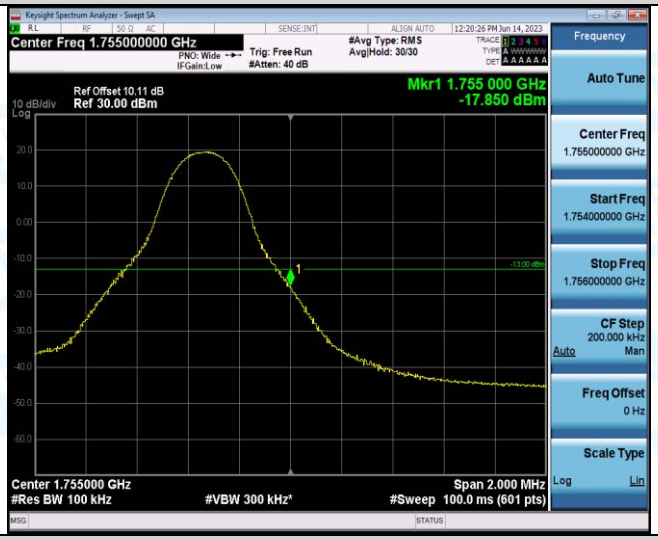


Band4-5MHz-16QAM-19975-25RB#0

Band4-5MHz-16QAM-20375-1RB#0



Band4-5MHz-16QAM-20375-1RB#24



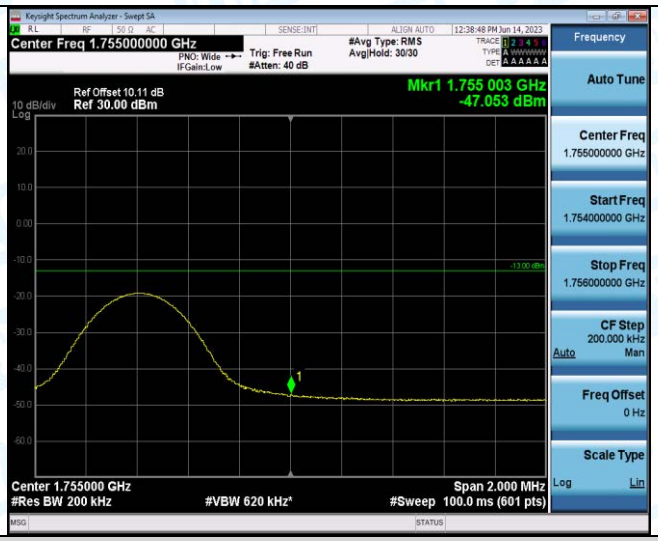
Band4-5MHz-16QAM-20375-25RB#0

Band4-10MHz-QPSK-20000-1RB#0

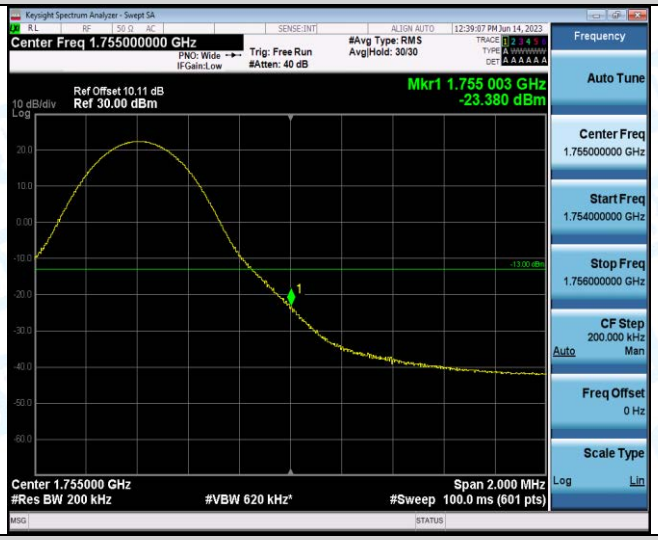
Band4-10MHz-QPSK-20000-1RB#49

Band4-10MHz-QPSK-20000-50RB#0

Band4-10MHz-QPSK-20350-1RB#0



Band4-10MHz-QPSK-20350-1RB#49



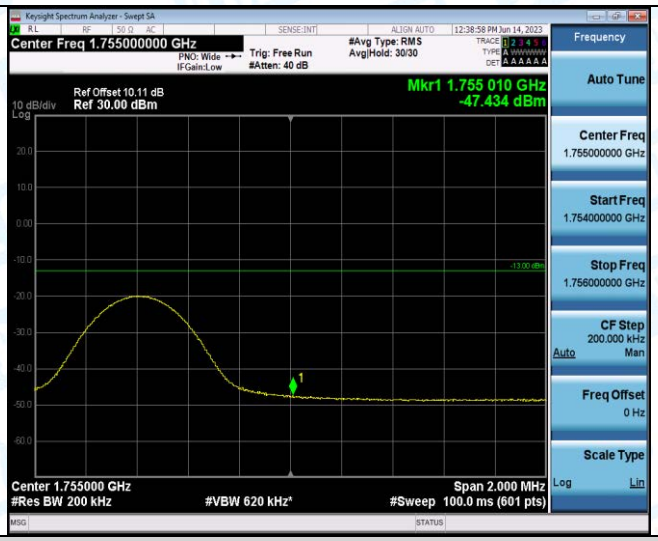
Band4-10MHz-QPSK-20350-50RB#0

Band4-10MHz-16QAM-20000-1RB#0

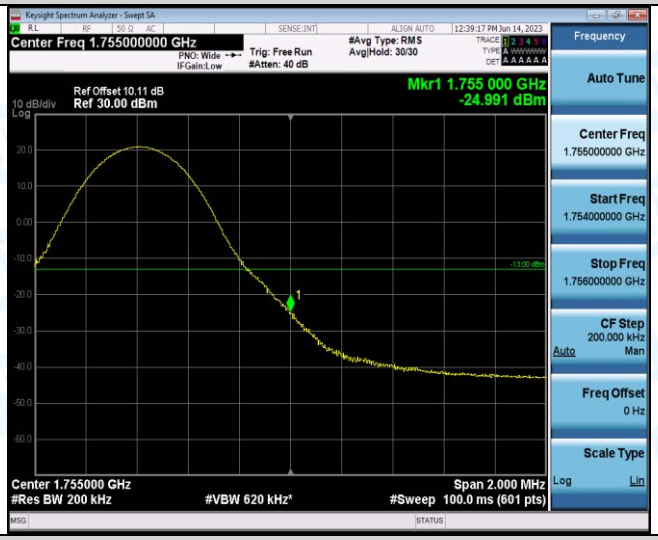
Band4-10MHz-16QAM-20000-1RB#49

Band4-10MHz-16QAM-20000-50RB#0

Band4-10MHz-16QAM-20350-1RB#0



Band4-10MHz-16QAM-20350-1RB#49



Band4-10MHz-16QAM-20350-50RB#0

Band4-15MHz-QPSK-20025-1RB#0

Band4-15MHz-QPSK-20025-1RB#74

Band4-15MHz-QPSK-20025-75RB#0

Band4-15MHz-QPSK-20325-1RB#0

Band4-15MHz-QPSK-20325-1RB#74

Band4-15MHz-QPSK-20325-75RB#0

Band4-15MHz-16QAM-20025-1RB#0

Band4-15MHz-16QAM-20025-1RB#74

Band4-15MHz-16QAM-20025-75RB#0

Band4-15MHz-16QAM-20325-1RB#0

Band4-15MHz-16QAM-20325-1RB#74

Band4-15MHz-16QAM-20325-75RB#0

Band4-20MHz-QPSK-20050-1RB#0

Band4-20MHz-QPSK-20050-1RB#99

Band4-20MHz-QPSK-20050-100RB#0

Band4-20MHz-QPSK-20300-1RB#0