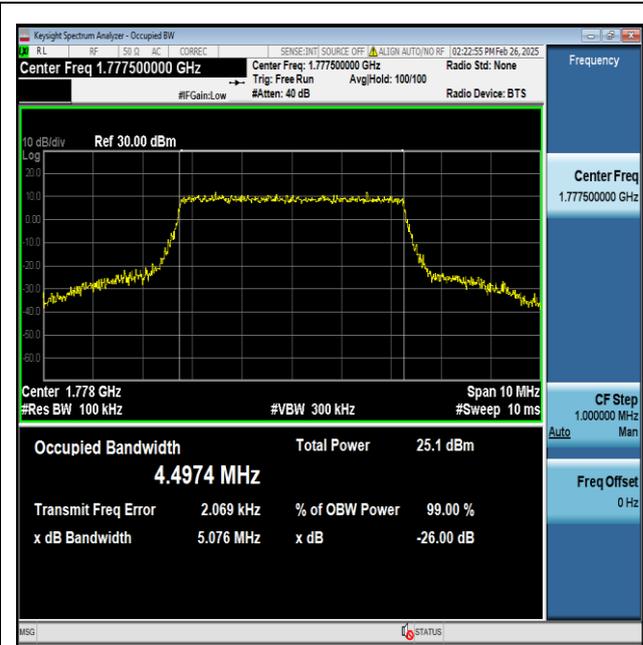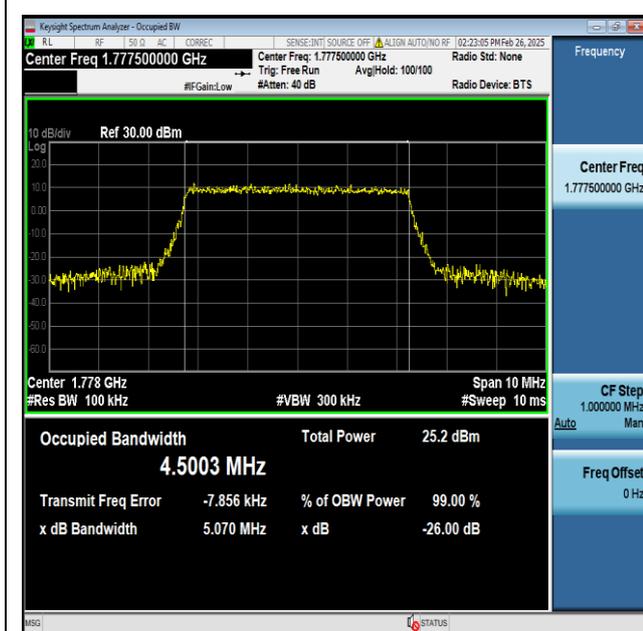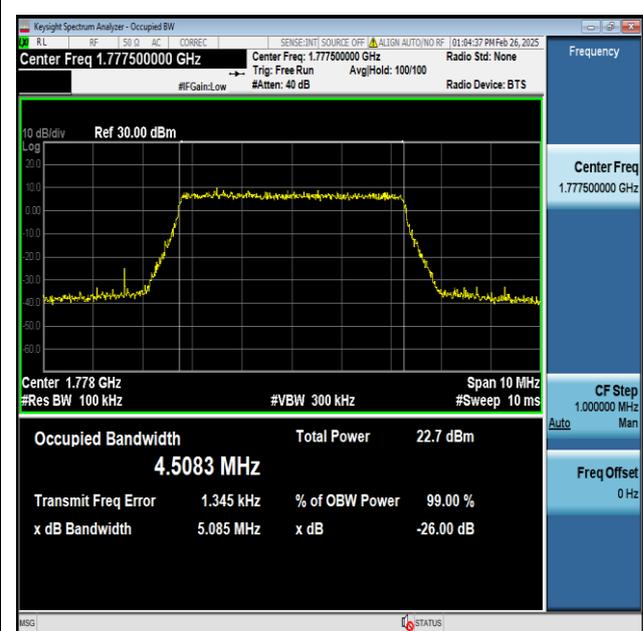Band66-5MHz-QPSK-132647-25RB#0-PASS
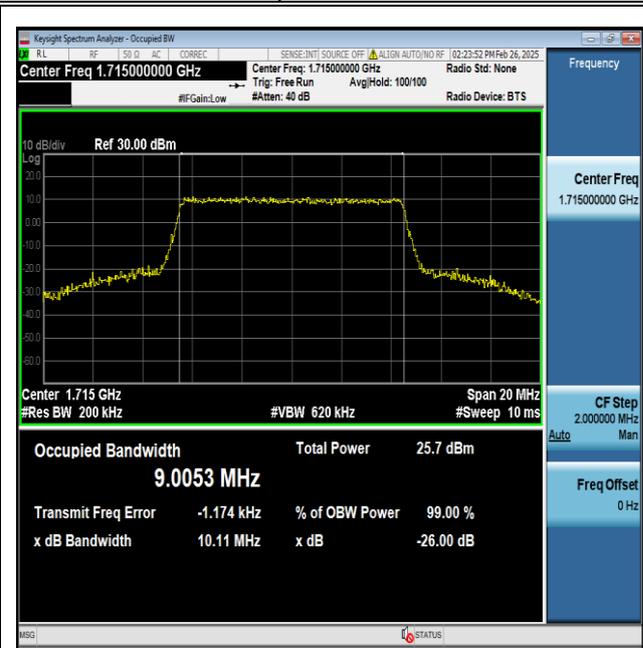

Band66-5MHz-16QAM-132647-25RB#0-PASS

Band66-5MHz-64QAM-132647-25RB#0-PASS

Band66-5MHz-256QAM-132647-25RB#0-PASS
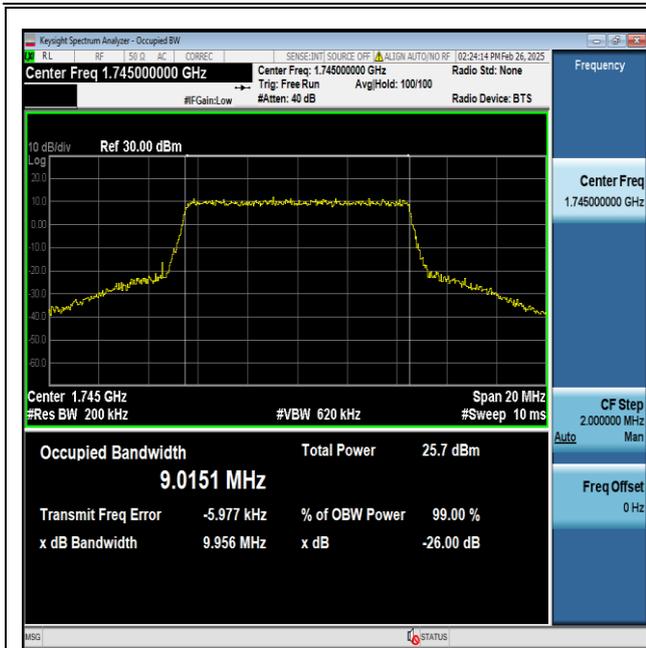
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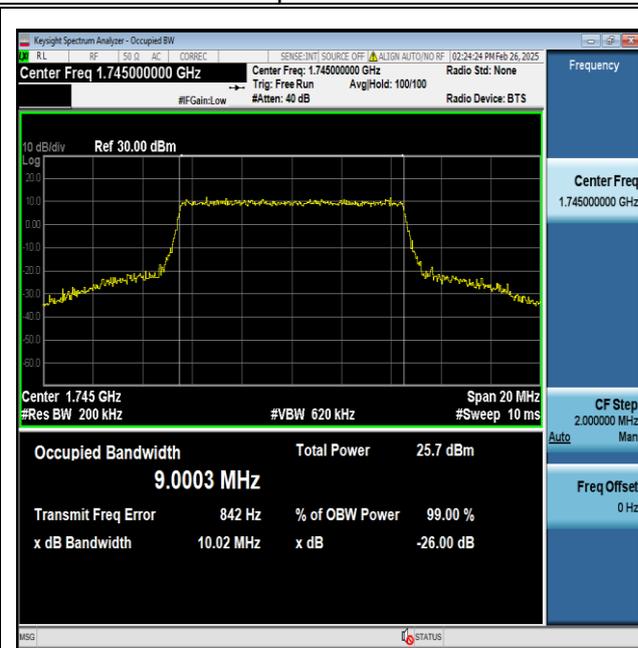

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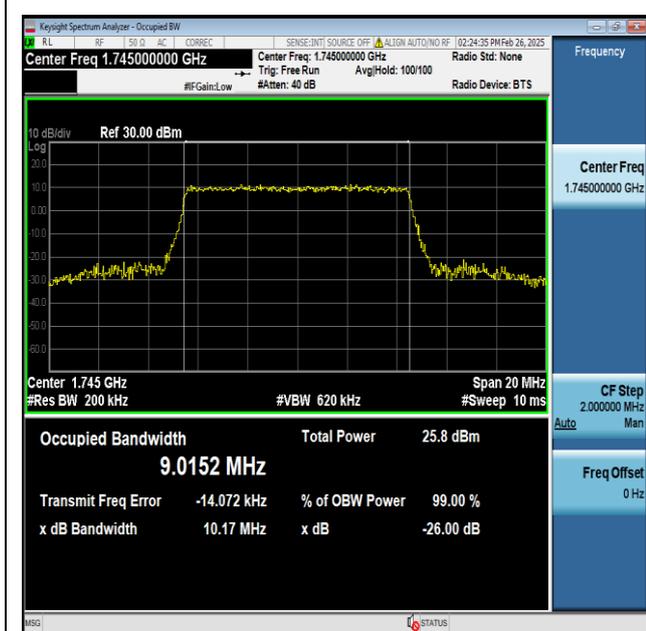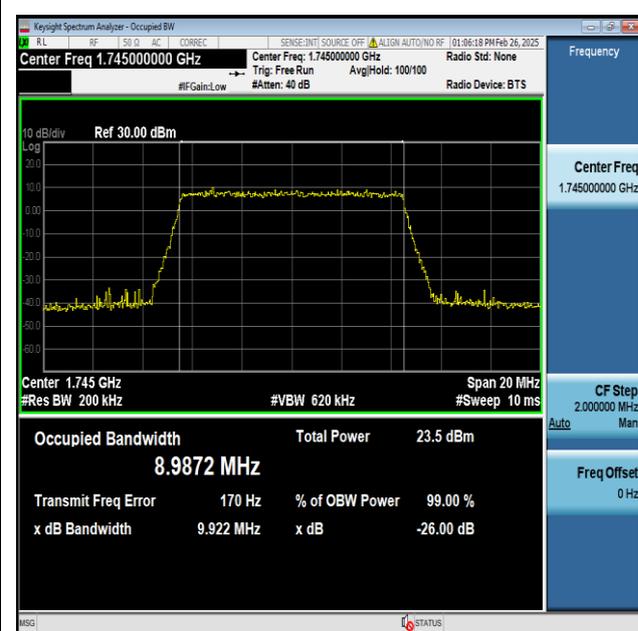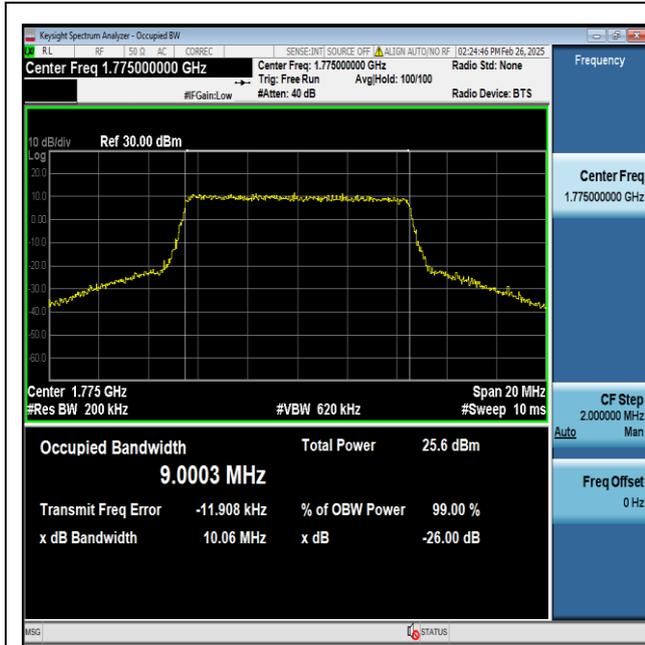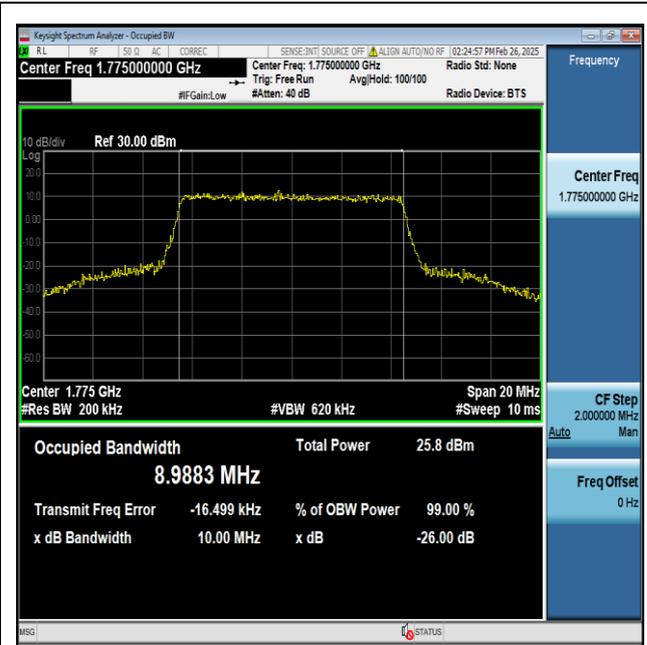Band66-10MHz-64QAM-132022-50RB#0-PASS
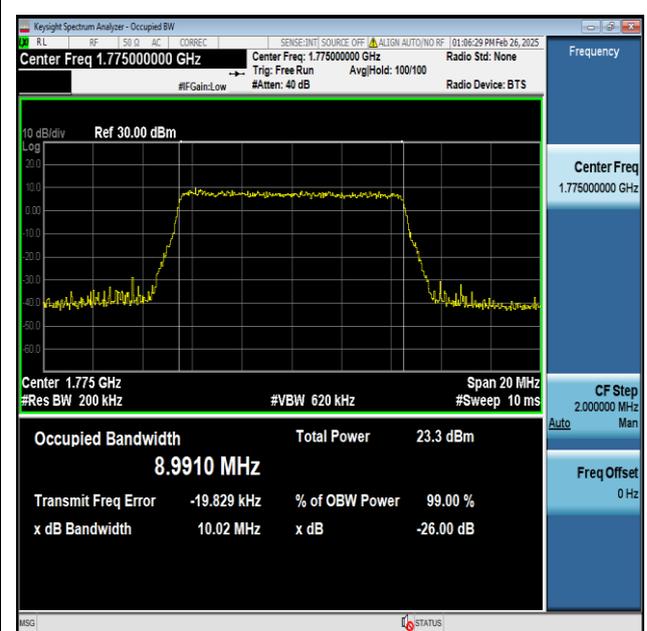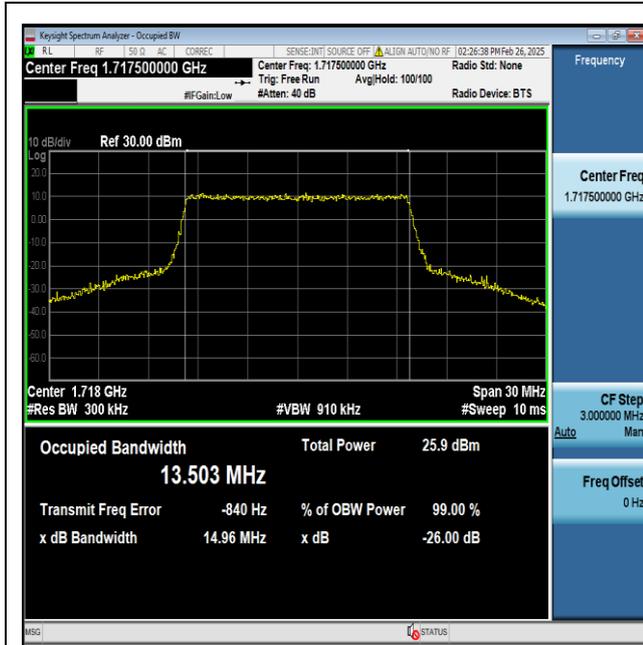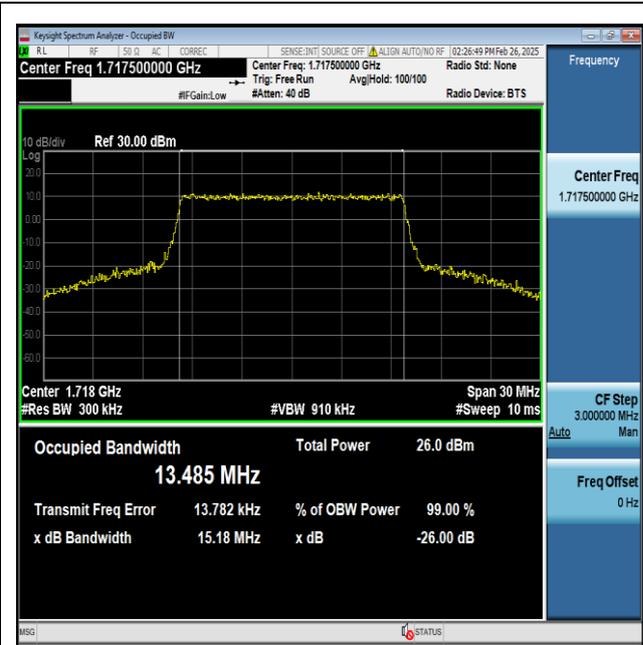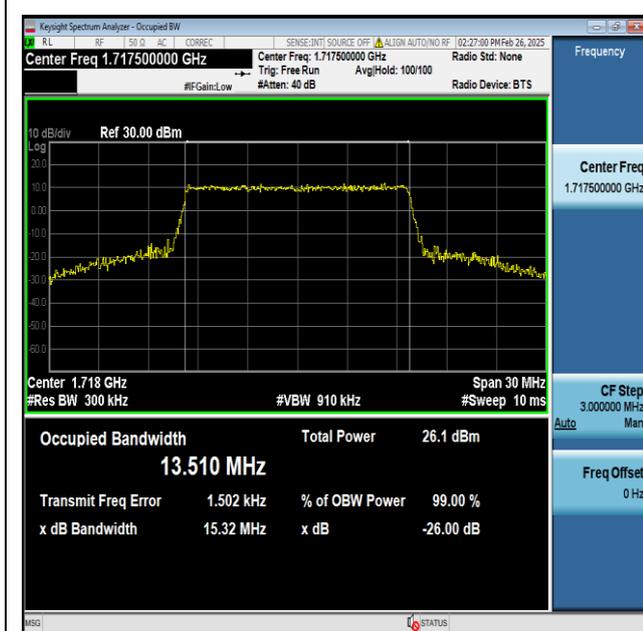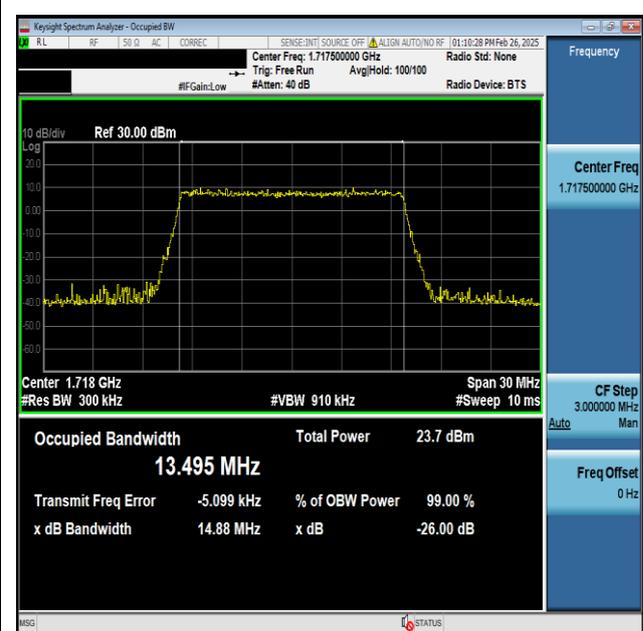

Band66-10MHz-256QAM-132022-50RB#0-PASS

Band66-10MHz-QPSK-132322-50RB#0-PASS

Keysight Spectrum Analyzer - Occupied BW
Center Freq 1.745000000 GHz | Center Freq: 1.745000000 GHz | Radio Std: None
Trig: Free Run | Avg|Hold: 100/100
#IFGain:Low | #Atten: 40 dB | Radio Device: BTS
10 dB/div | Ref 30.00 dBm
Center 1.745 GHz | Span 20 MHz
#Res BW 200 kHz | #VBW 620 kHz | #Sweep 10 ms

Occupied Bandwidth	Total Power	25.7 dBm
9.0151 MHz		
Transmit Freq Error	-5.977 kHz	% of OBW Power	99.00 %
x dB Bandwidth	9.956 MHz	x dB	-26.00 dB

Band66-10MHz-16QAM-132322-50RB#0-PASS

Occupied Bandwidth	Total Power	25.7 dBm
9.0003 MHz		
Transmit Freq Error	842 Hz	% of OBW Power	99.00 %
x dB Bandwidth	10.02 MHz	x dB	-26.00 dB

Band66-10MHz-64QAM-132322-50RB#0-PASS

Occupied Bandwidth	Total Power	25.8 dBm
9.0152 MHz		
Transmit Freq Error	-14.072 kHz	% of OBW Power	99.00 %
x dB Bandwidth	10.17 MHz	x dB	-26.00 dB

Band66-10MHz-256QAM-132322-50RB#0-PASS

Occupied Bandwidth	Total Power	23.5 dBm
8.9872 MHz		
Transmit Freq Error	170 Hz	% of OBW Power	99.00 %
x dB Bandwidth	9.922 MHz	x dB	-26.00 dB

Occupied Bandwidth	Total Power	25.6 dBm
9.0003 MHz		
Transmit Freq Error -11.908 kHz	% of OBW Power	99.00 %
x dB Bandwidth 10.06 MHz	x dB	-26.00 dB

Band66-10MHz-QPSK-132622-50RB#0-PASS

Occupied Bandwidth	Total Power	25.8 dBm
8.9883 MHz		
Transmit Freq Error -16.499 kHz	% of OBW Power	99.00 %
x dB Bandwidth 10.00 MHz	x dB	-26.00 dB

Band66-10MHz-16QAM-132622-50RB#0-PASS

Occupied Bandwidth	Total Power	25.7 dBm
8.9949 MHz		
Transmit Freq Error -14.483 kHz	% of OBW Power	99.00 %
x dB Bandwidth 9.923 MHz	x dB	-26.00 dB

Band66-10MHz-64QAM-132622-50RB#0-PASS

Occupied Bandwidth	Total Power	23.3 dBm
8.9910 MHz		
Transmit Freq Error -19.829 kHz	% of OBW Power	99.00 %
x dB Bandwidth 10.02 MHz	x dB	-26.00 dB

Band66-10MHz-256QAM-132622-50RB#0-PASS

Band66-15MHz-QPSK-132047-75RB#0-PASS

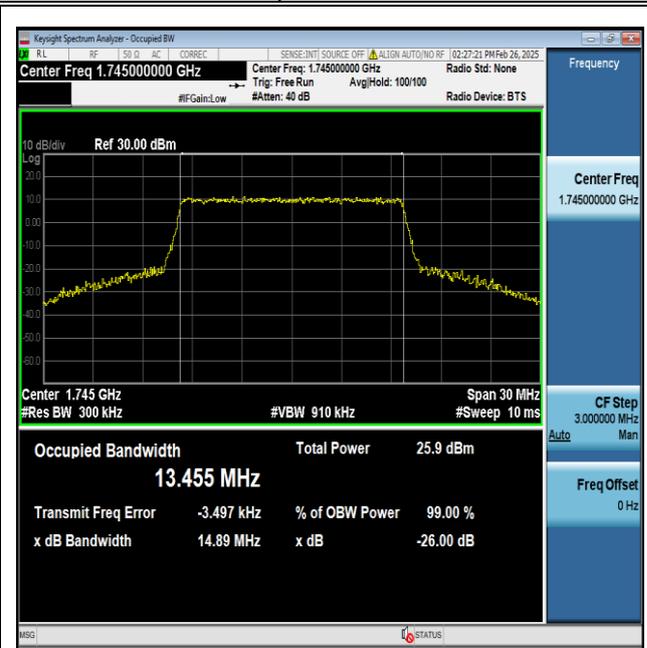**Band66-15MHz-16QAM-132047-75RB#0-PASS**

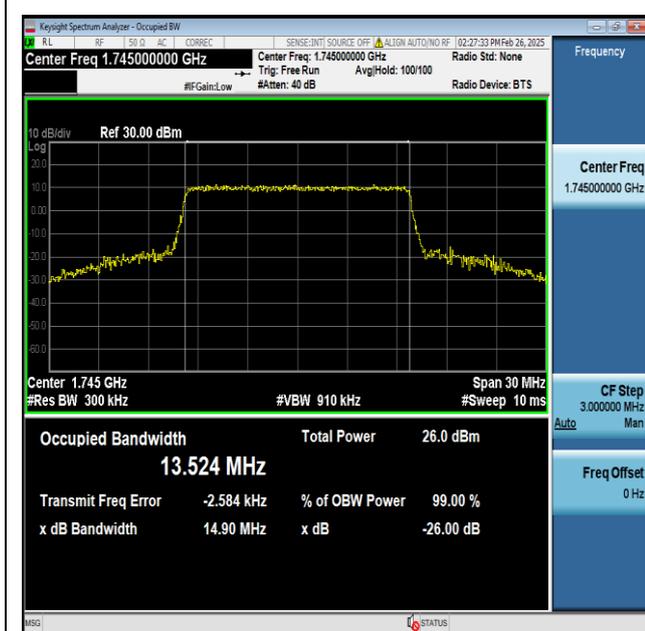

Band66-15MHz-64QAM-132047-75RB#0-PASS
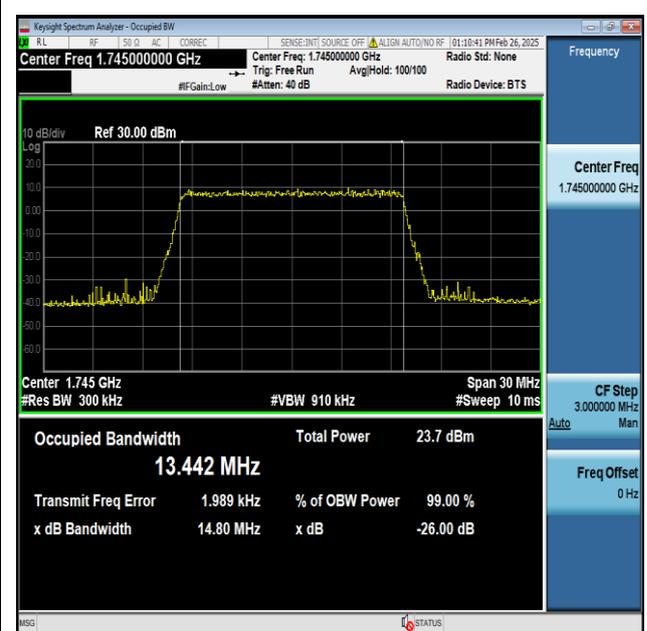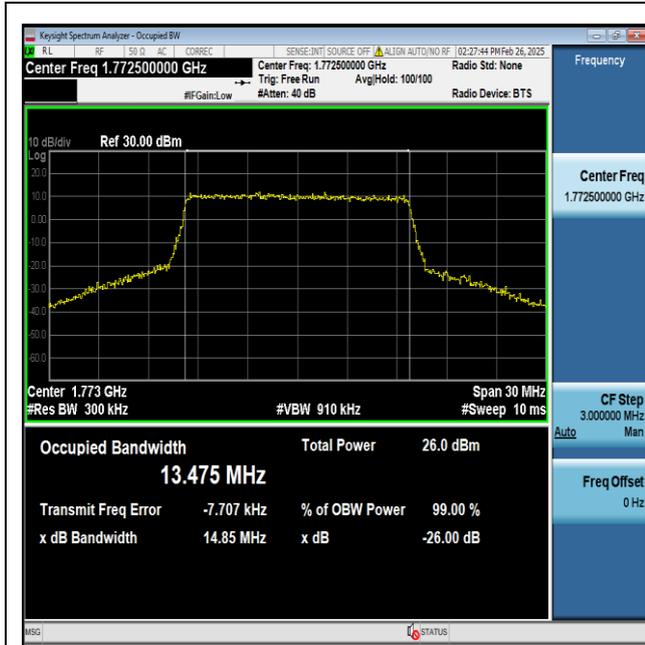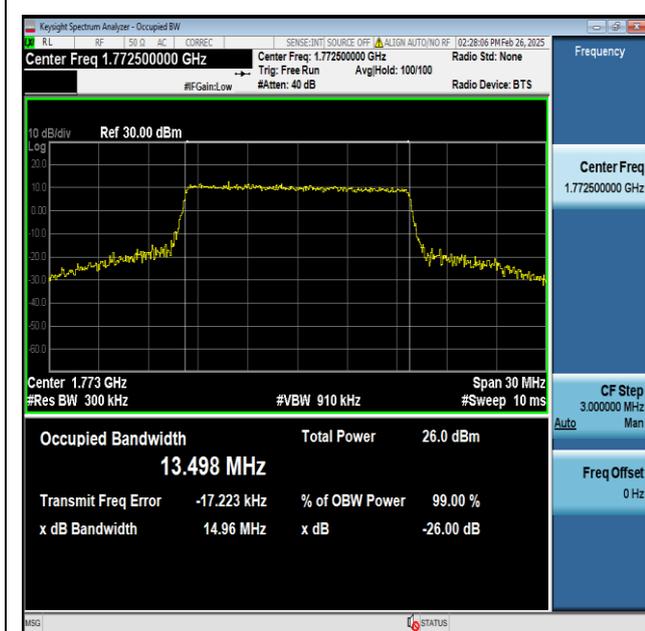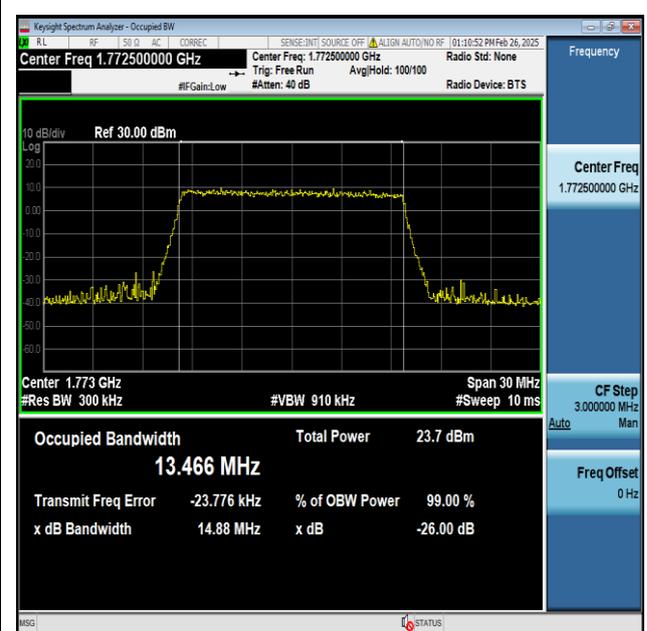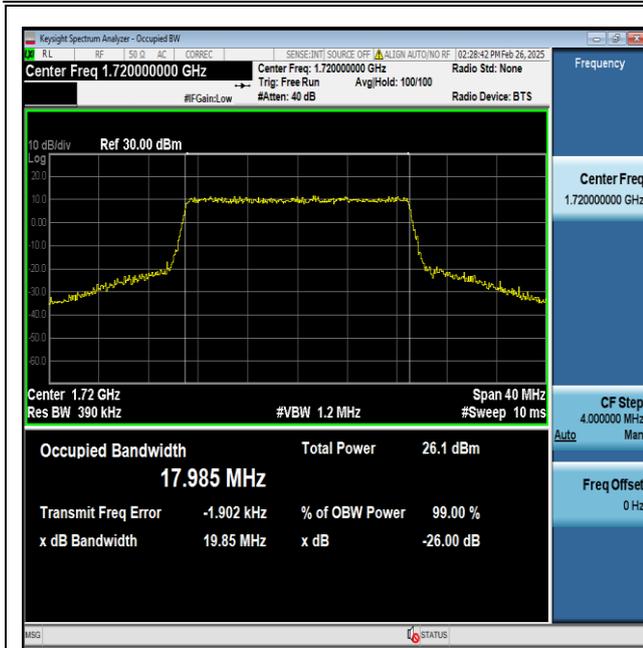

Band66-15MHz-256QAM-132047-75RB#0-PASS

Band66-15MHz-QPSK-132322-75RB#0-PASS	Band66-15MHz-16QAM-132322-75RB#0-PASS

Band66-15MHz-64QAM-132322-75RB#0-PASS	Band66-15MHz-256QAM-132322-75RB#0-PASS
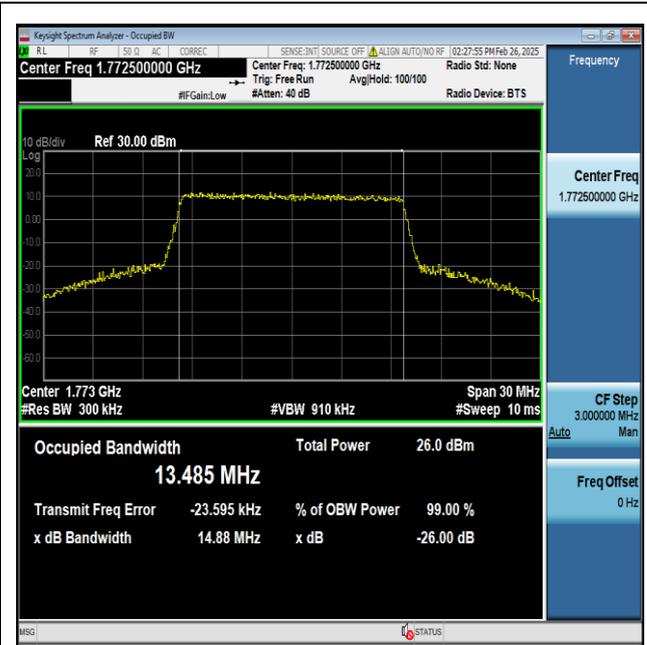
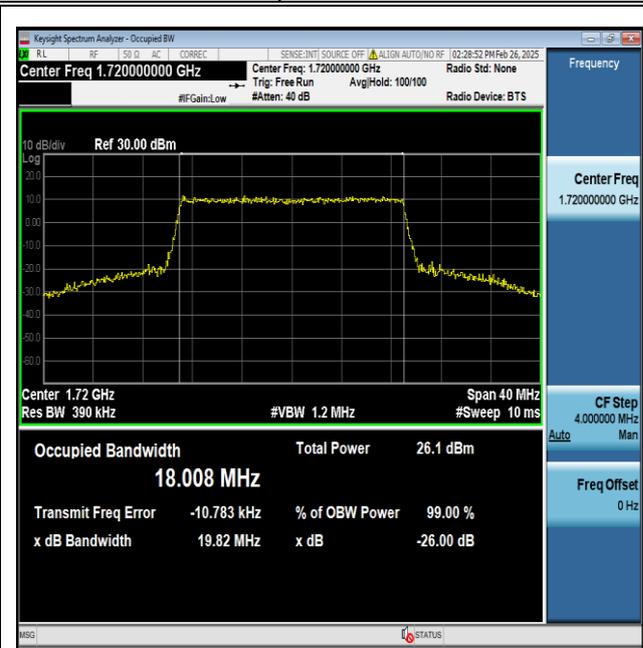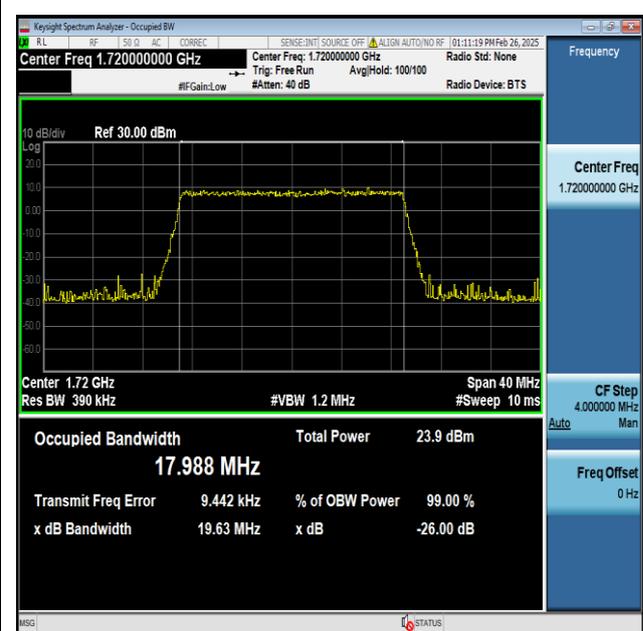|	
Band66-15MHz-QPSK-132597-75RB#0-PASS	Band66-15MHz-16QAM-132597-75RB#0-PASS
Band66-15MHz-64QAM-132597-75RB#0-PASS	Band66-15MHz-256QAM-132597-75RB#0-PASS

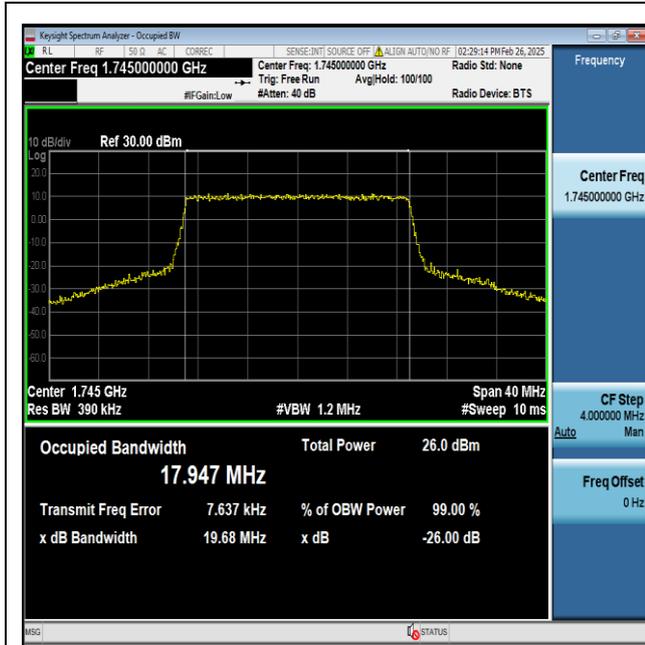Band66-20MHz-QPSK-132072-100RB#0-PASS

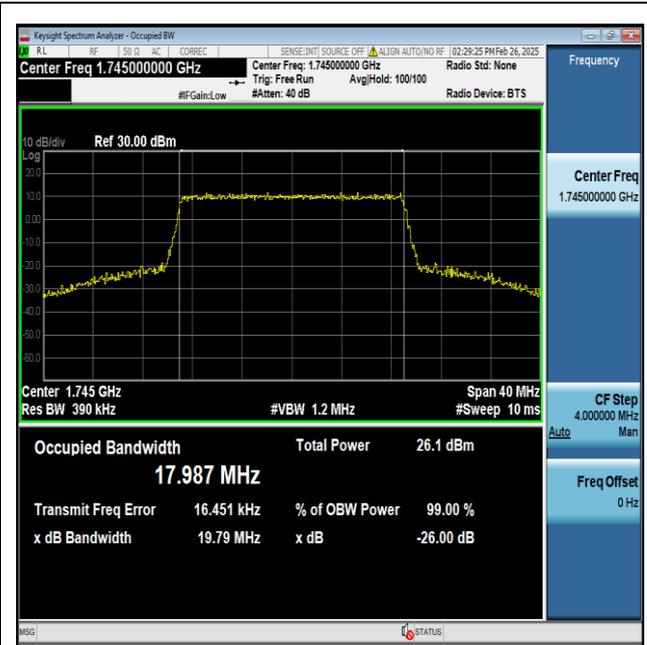Band66-20MHz-16QAM-132072-100RB#0-PASS
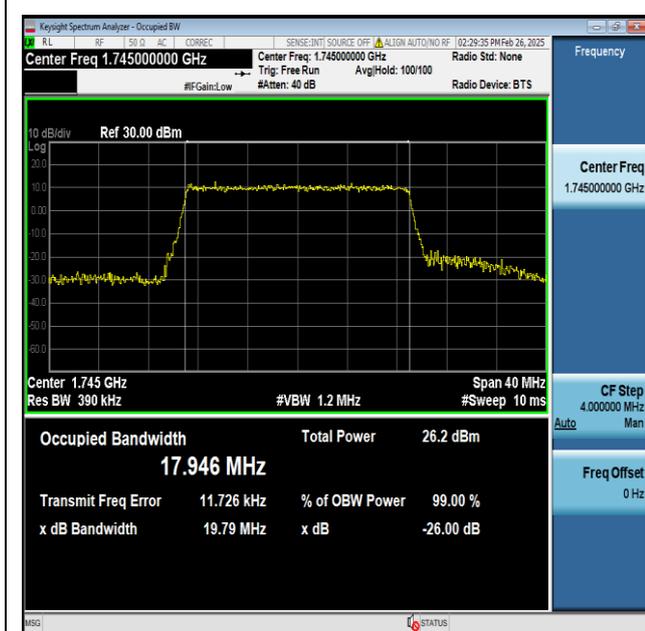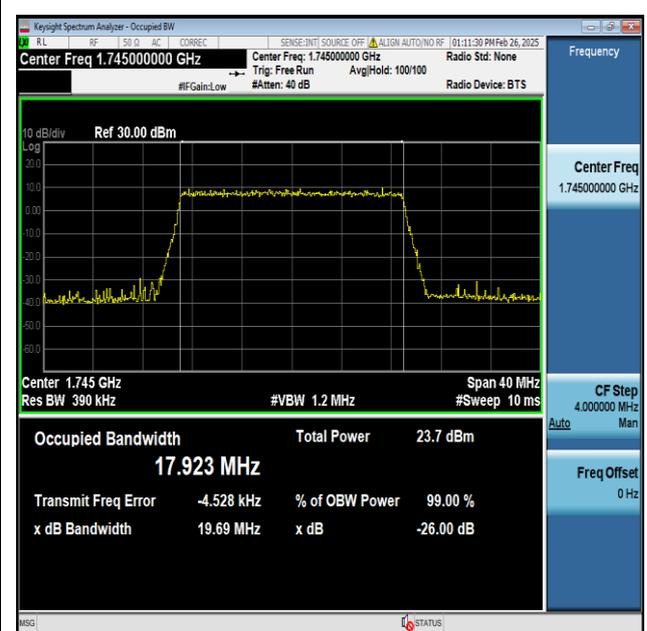

Band66-20MHz-64QAM-132072-100RB#0-PASS

Band66-20MHz-256QAM-132072-100RB#0-PASS

Band66-20MHz-QPSK-132322-100RB#0-PASS
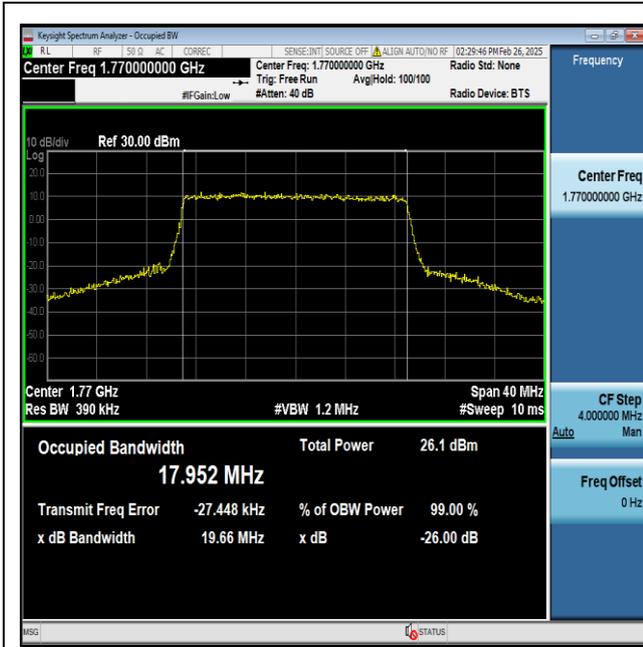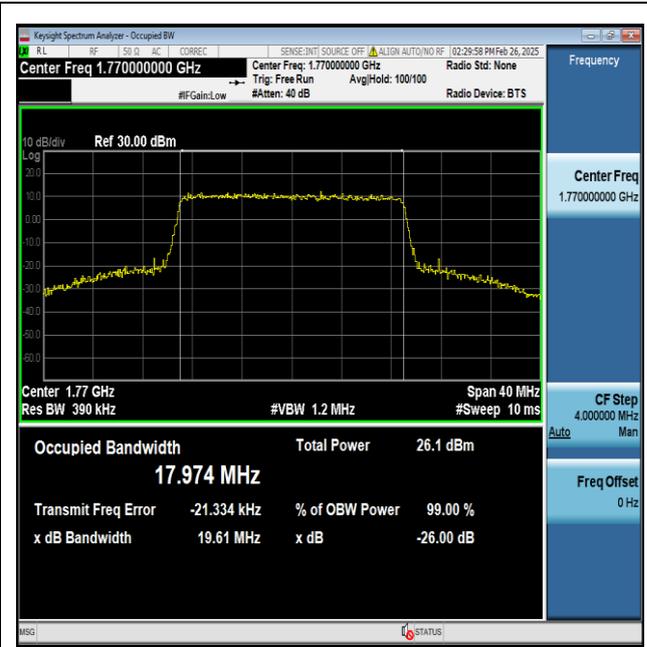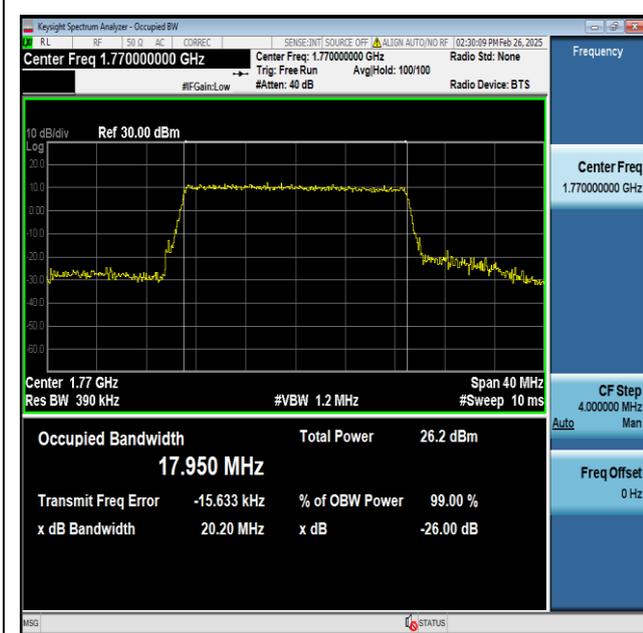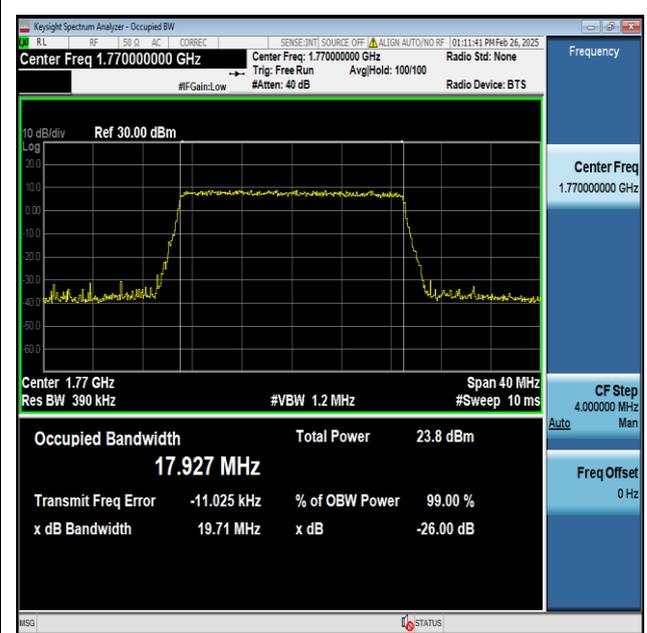

Band66-20MHz-16QAM-132322-100RB#0-PASS

Band66-20MHz-64QAM-132322-100RB#0-PASS

Band66-20MHz-256QAM-132322-100RB#0-PASS

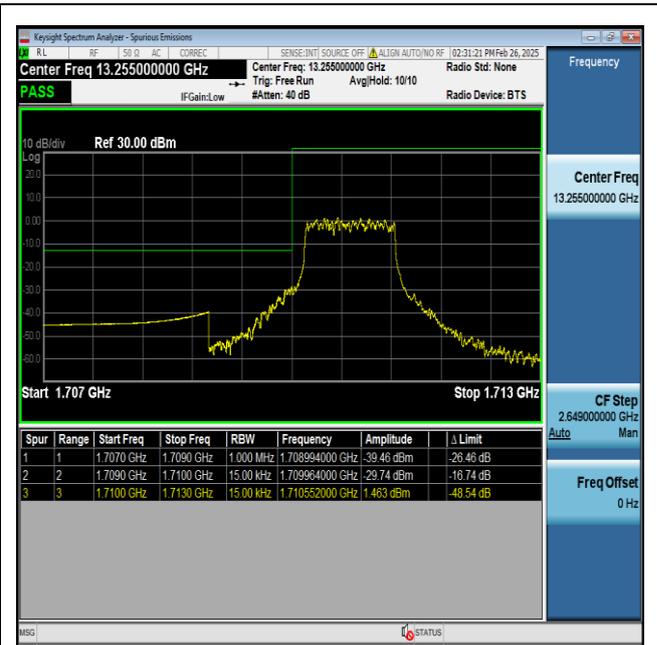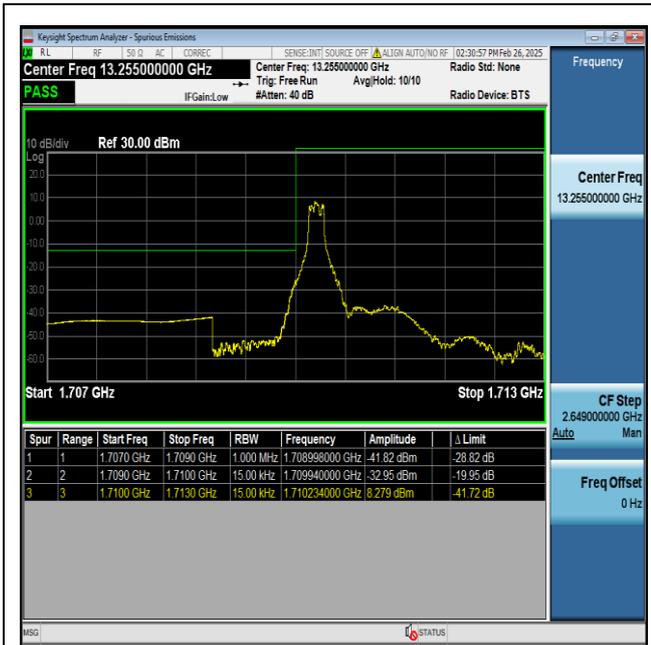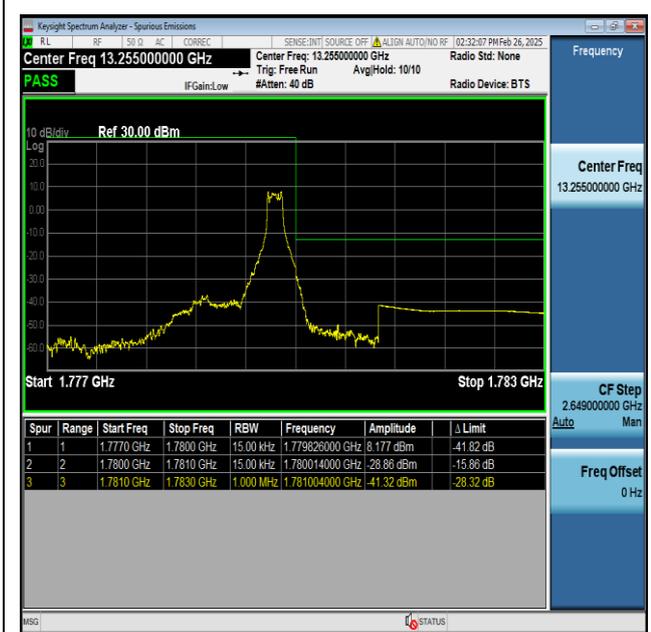|	
Band66-20MHz-QPSK-132572-100RB#0-PASS	**Band66-20MHz-16QAM-132572-100RB#0-PASS**
Band66-20MHz-64QAM-132572-100RB#0-PASS	**Band66-20MHz-256QAM-132572-100RB#0-PASS**

Band Edge

Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0-PASS

Band66-1.4MHz-QPSK-131979-6RB#0-PASS

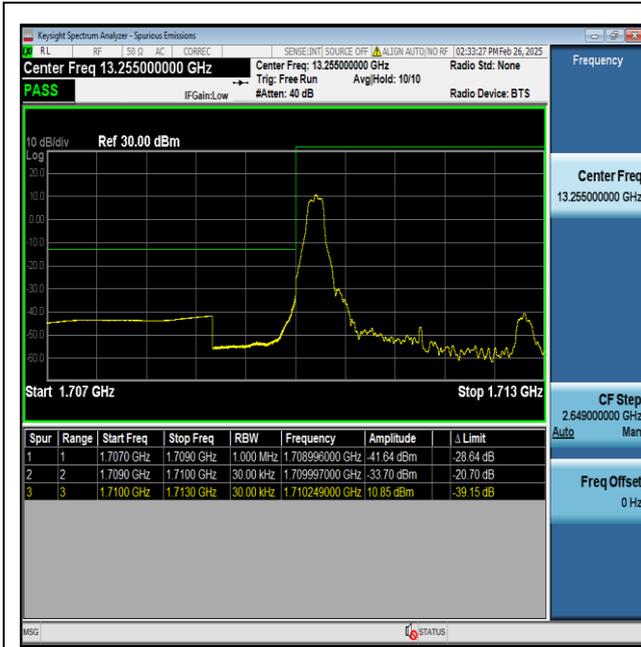| Band66-1.4MHz-QPSK-132665-1RB#5-PASS |
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Band66-1.4MHz-QPSK-132665-6RB#0-PASS

Band66-3MHz-QPSK-131987-1RB#0-PASS
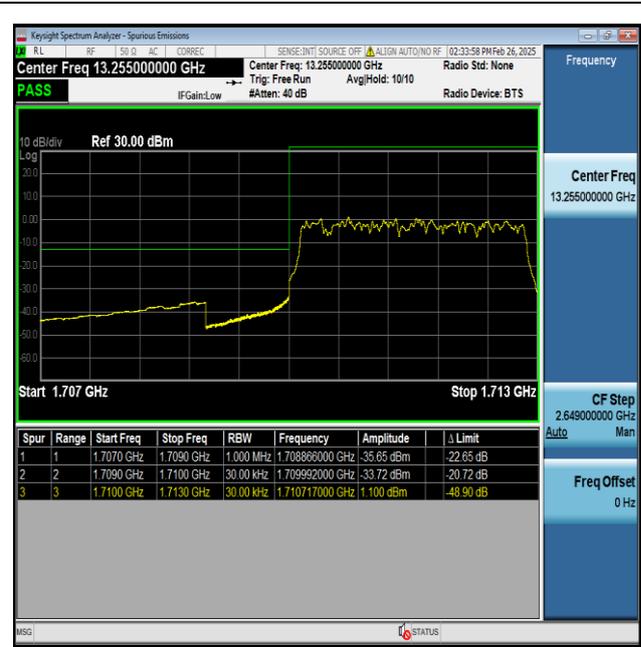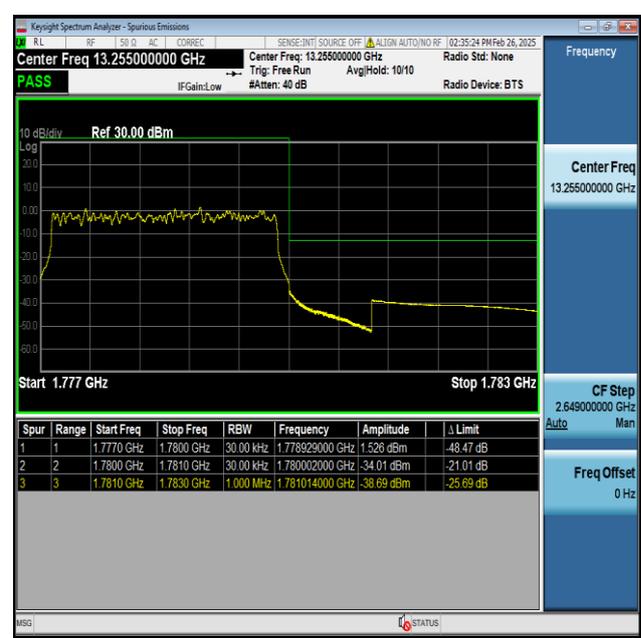

Band66-3MHz-QPSK-131987-15RB#0-PASS

Band66-3MHz-QPSK-132657-1RB#14-PASS

Band66-3MHz-QPSK-132657-15RB#0-PASS

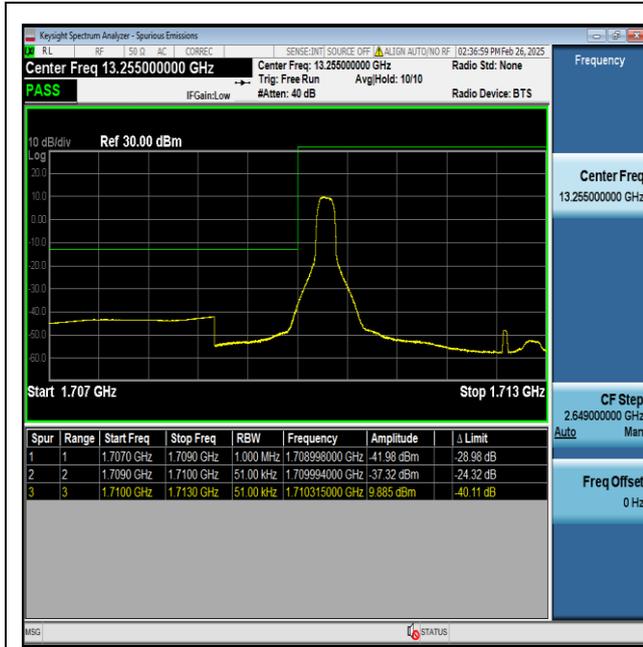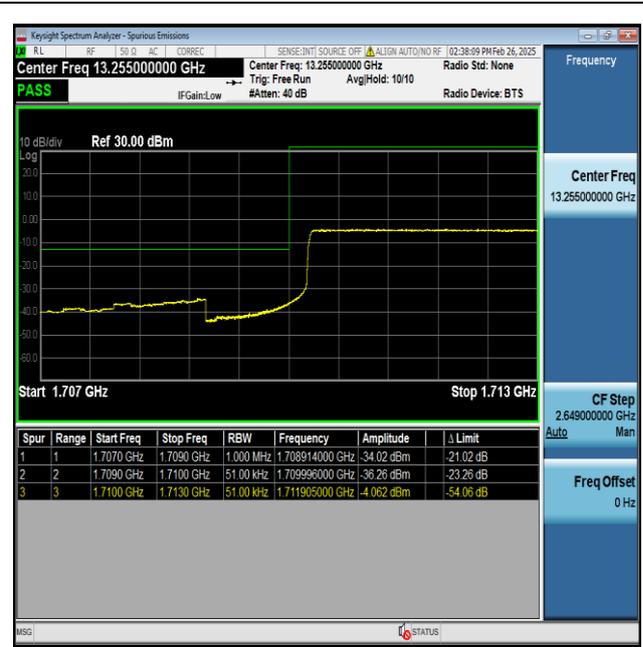Band66-5MHz-QPSK-131997-1RB#0-PASS

Band66-5MHz-QPSK-131997-25RB#0-PASS

Band66-5MHz-QPSK-132647-1RB#24-PASS

Band66-5MHz-QPSK-132647-25RB#0-PASS

Band66-10MHz-QPSK-132022-1RB#0-PASS

Band66-10MHz-QPSK-132022-50RB#0-PASS

Band66-10MHz-QPSK-132622-1RB#49-PASS

Band66-10MHz-QPSK-132622-50RB#0-PASS
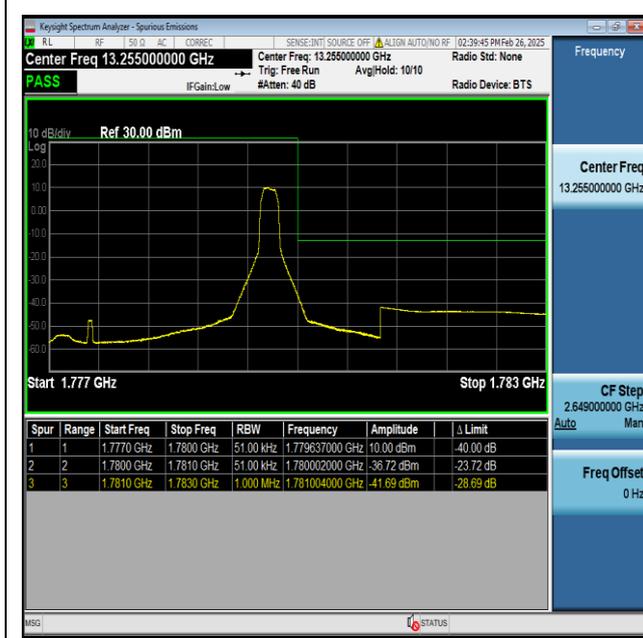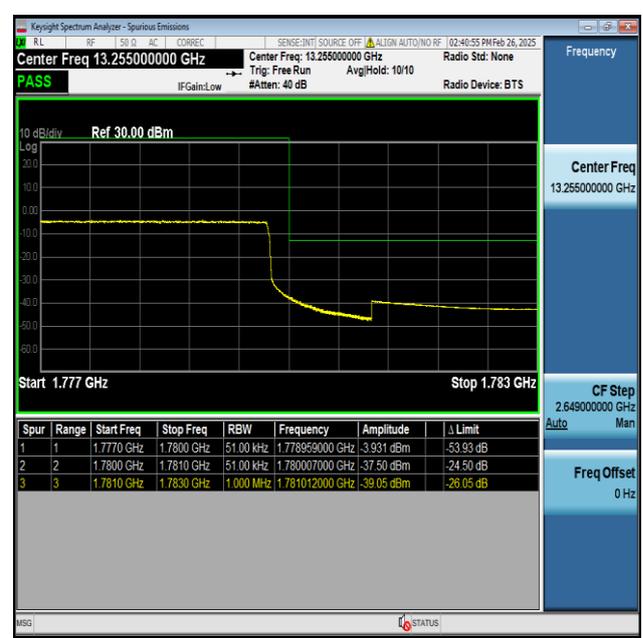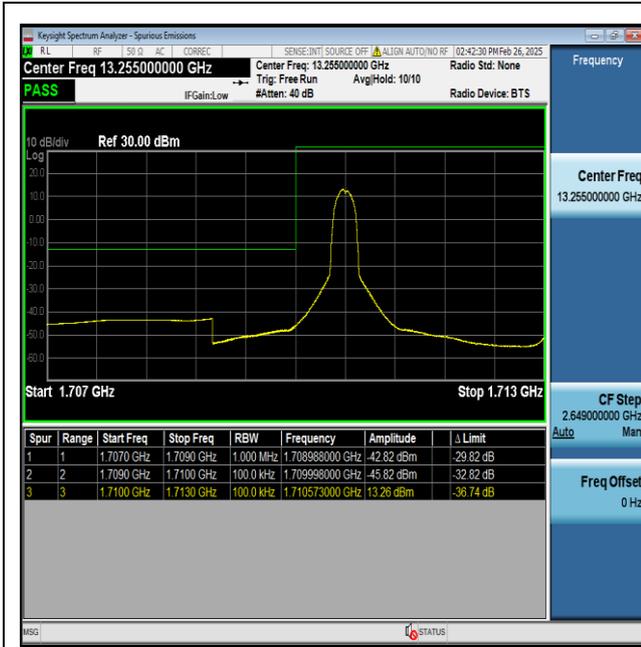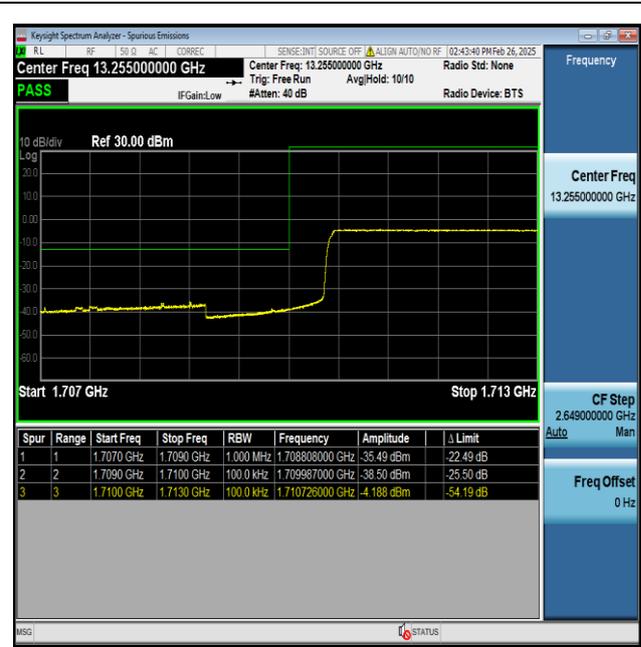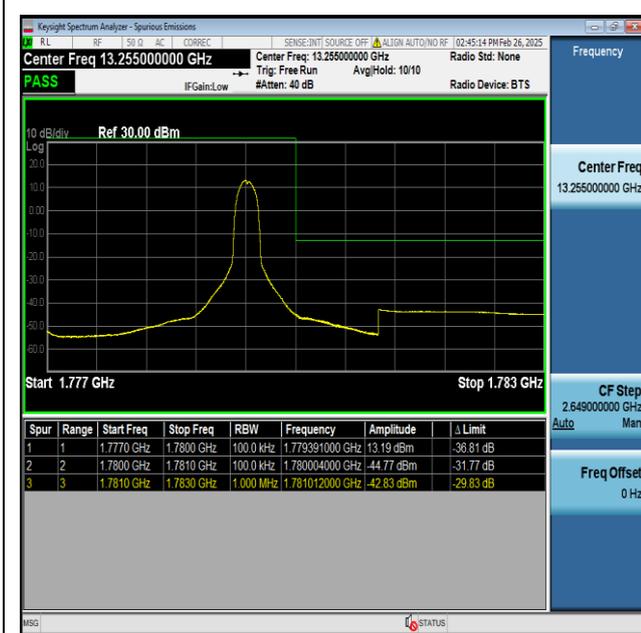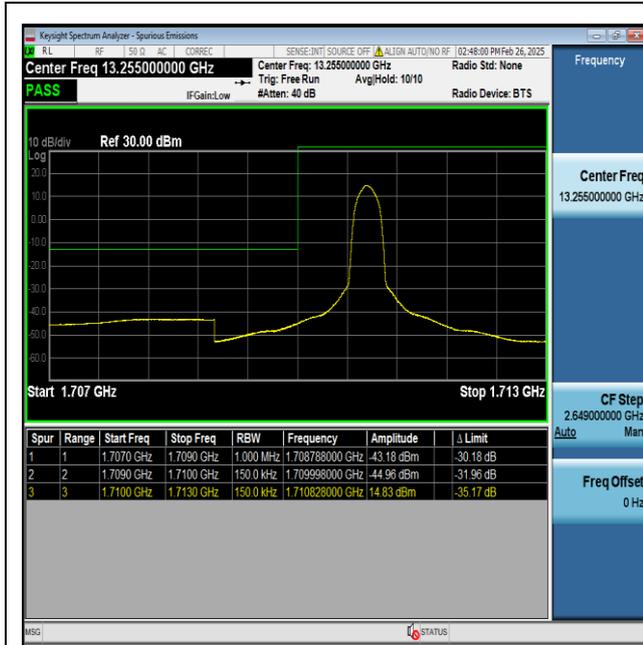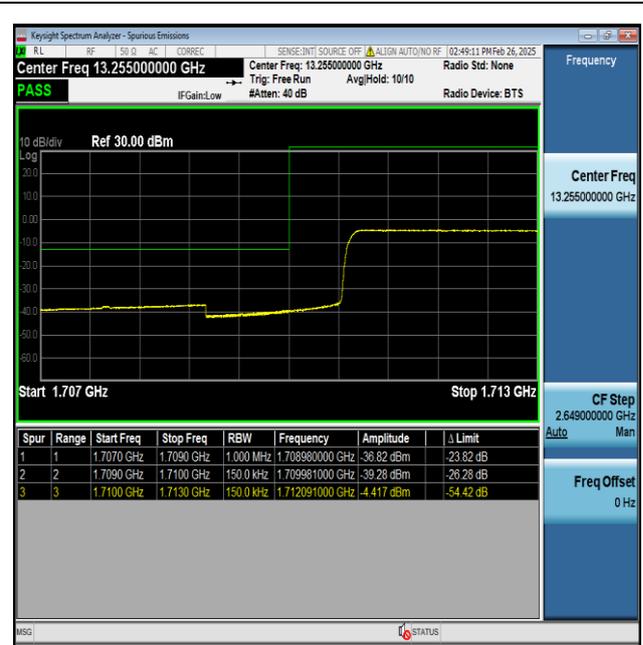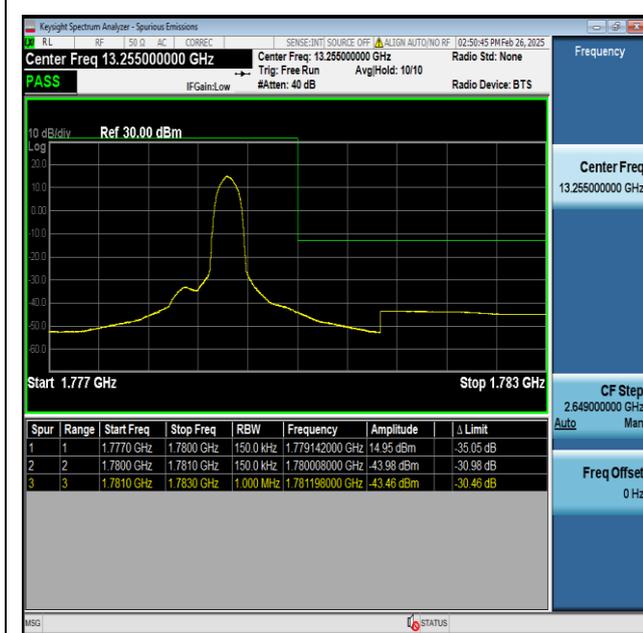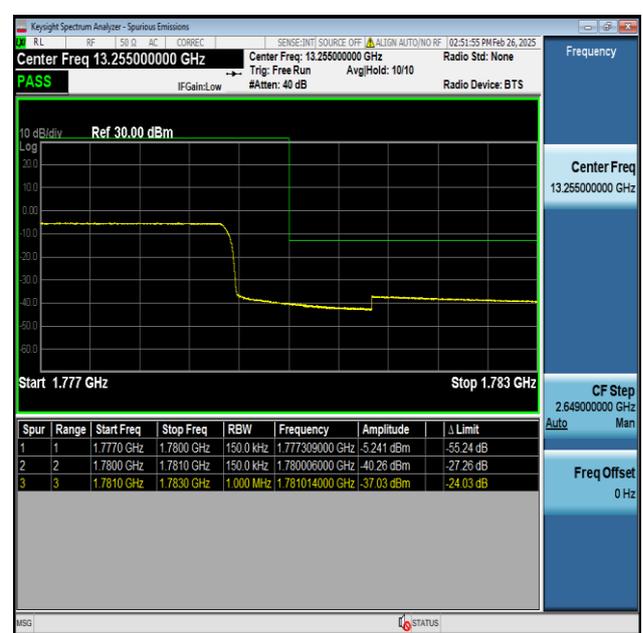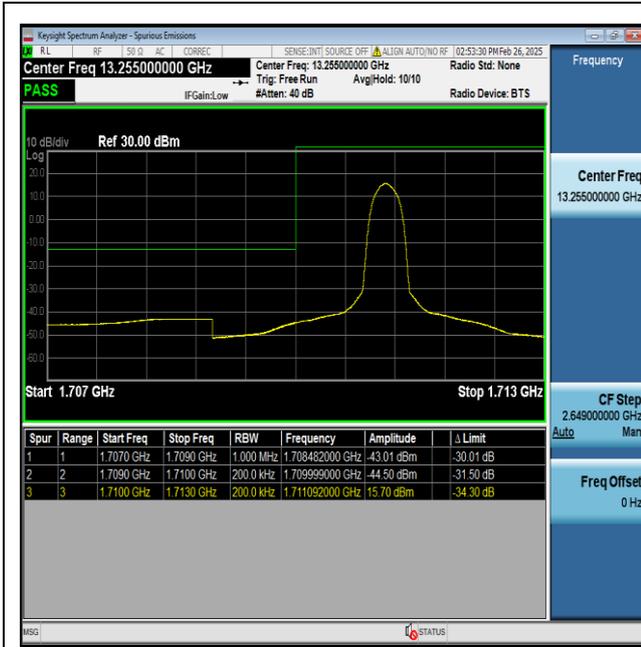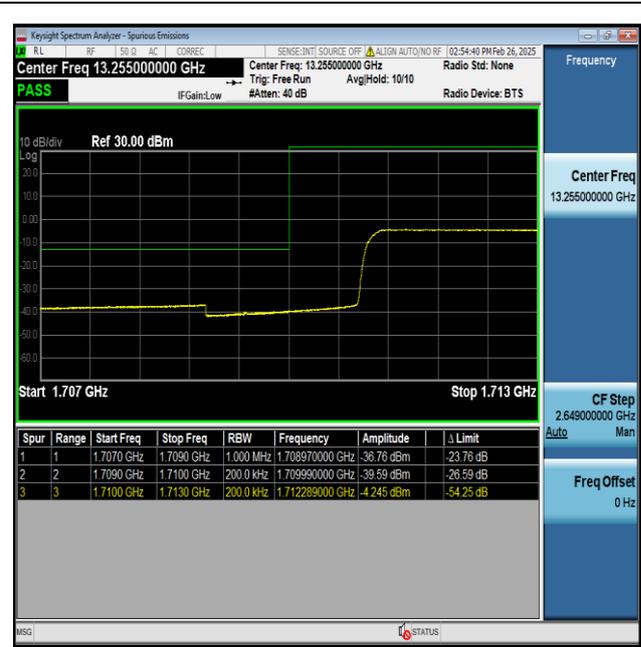
Band66-15MHz-QPSK-132047-1RB#0-PASS

Band66-15MHz-QPSK-132047-75RB#0-PASS

Band66-15MHz-QPSK-132597-1RB#74-PASS

Band66-15MHz-QPSK-132597-75RB#0-PASS
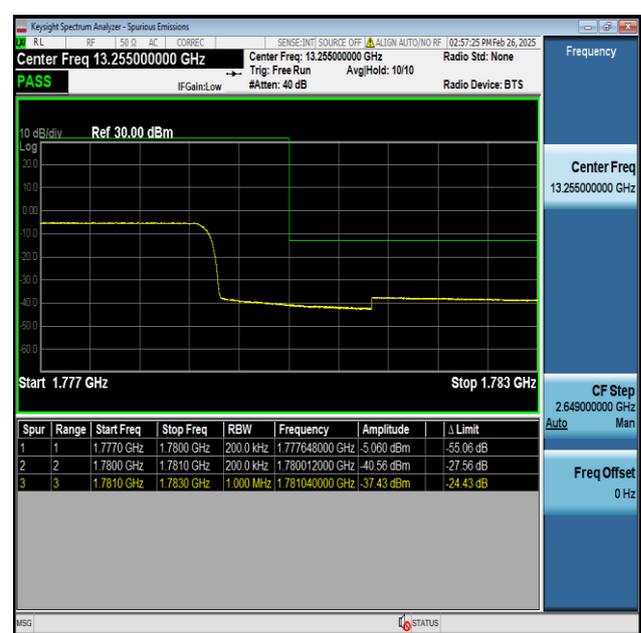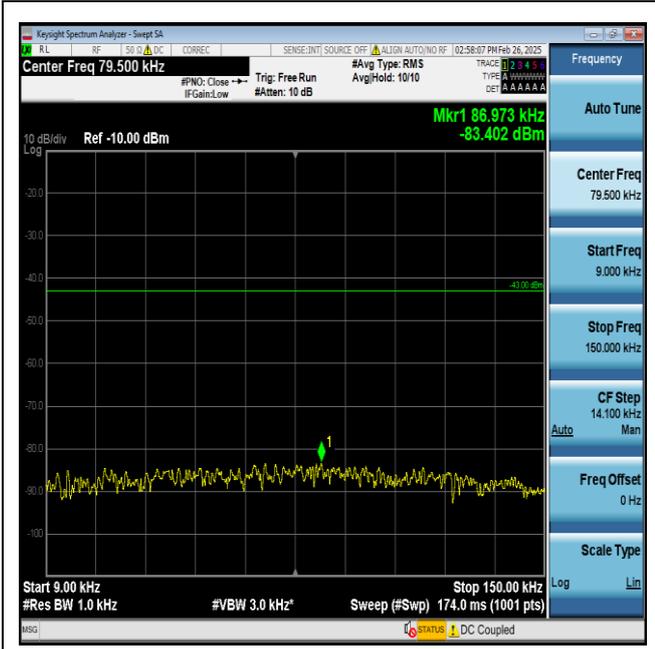
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7070 GHz	1.7090 GHz	1.000 MHz	1.708482000 GHz	-43.01 dBm	-30.01 dB
2	2	1.7090 GHz	1.7100 GHz	200.0 kHz	1.709999000 GHz	-44.50 dBm	-31.50 dB
3	3	1.7100 GHz	1.7130 GHz	200.0 kHz	1.711092000 GHz	15.70 dBm	-34.30 dB

Band66-20MHz-QPSK-132072-1RB#0-PASS

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7070 GHz	1.7090 GHz	1.000 MHz	1.708970000 GHz	-36.76 dBm	-23.76 dB
2	2	1.7090 GHz	1.7100 GHz	200.0 kHz	1.709990000 GHz	-39.59 dBm	-26.59 dB
3	3	1.7100 GHz	1.7130 GHz	200.0 kHz	1.712289000 GHz	-4.245 dBm	-54.25 dB

Band66-20MHz-QPSK-132072-100RB#0-PASS

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7770 GHz	1.7800 GHz	200.0 kHz	1.778914000 GHz	15.73 dBm	-34.27 dB
2	2	1.7800 GHz	1.7810 GHz	200.0 kHz	1.780002000 GHz	-40.25 dBm	-27.25 dB
3	3	1.7810 GHz	1.7830 GHz	1.000 MHz	1.781018000 GHz	-42.20 dBm	-29.20 dB

Band66-20MHz-QPSK-132572-1RB#99-PASS

| Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7770 GHz	1.7800 GHz	200.0 kHz	1.777648000 GHz	-5.060 dBm	-55.06 dB
2	2	1.7800 GHz	1.7810 GHz	200.0 kHz	1.780012000 GHz	-40.56 dBm	-27.56 dB
3	3	1.7810 GHz	1.7830 GHz	1.000 MHz	1.781040000 GHz	-37.43 dBm	-24.43 dB

Band66-20MHz-QPSK-132572-100RB#0-PASS

Conducted Spurious Emission

Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-0.009~0.15-PASS
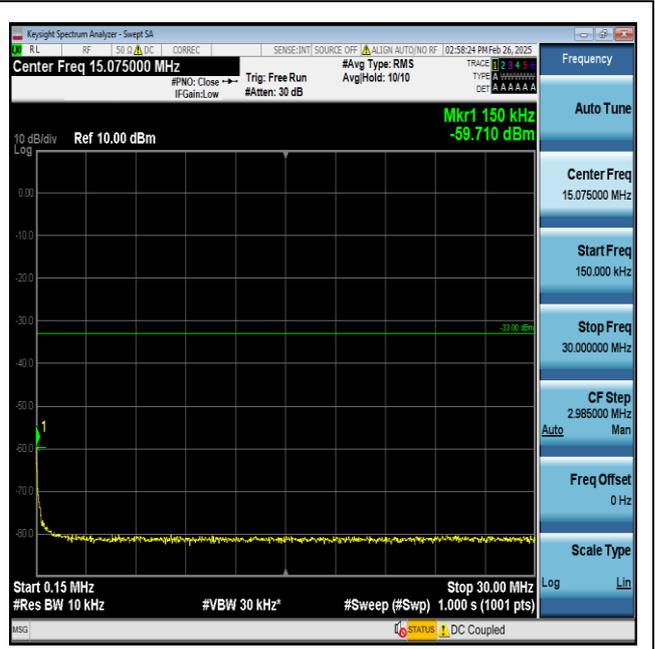
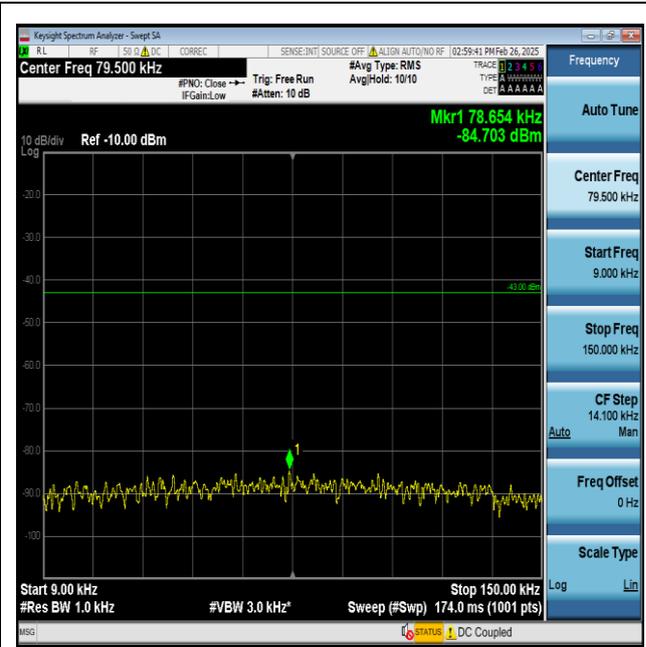Band66-20MHz-QPSK-132072-1RB#0-0.15~30-PASS
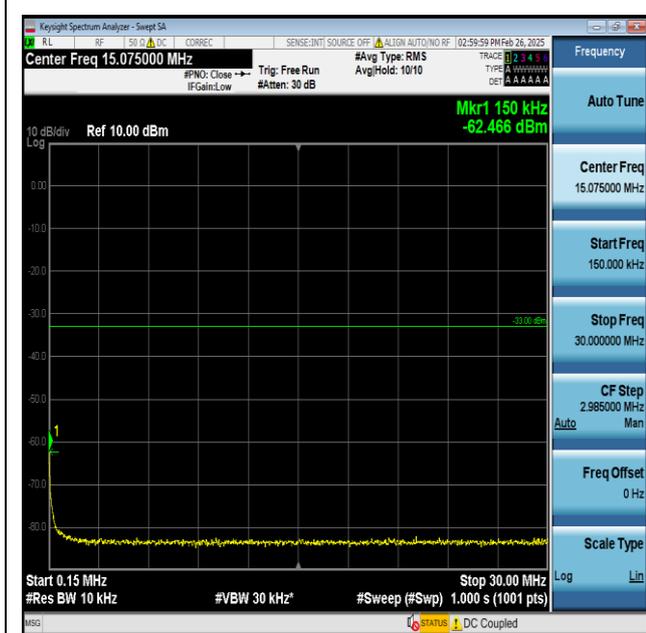

Band66-20MHz-QPSK-132072-1RB#0-30~1000-PASS

Band66-20MHz-QPSK-132072-1RB#0-1000~3000-PASS

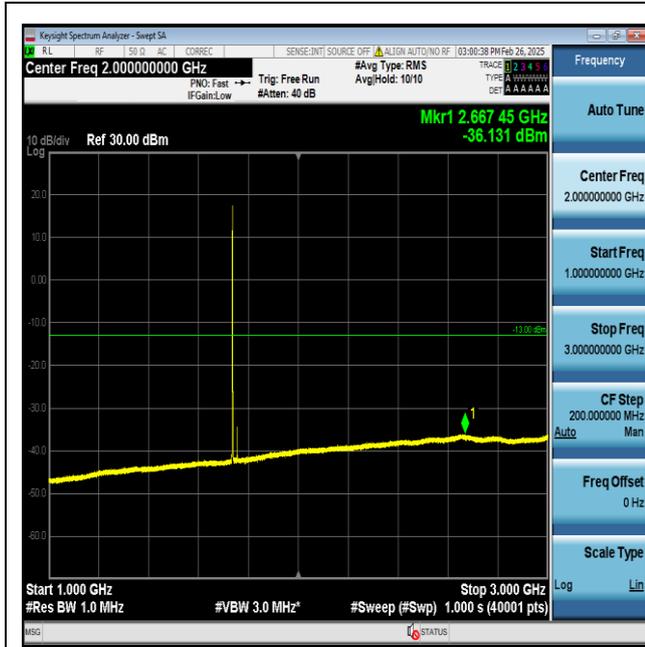Band66-20MHz-QPSK-132072-1RB#0-3000~20000-PASS

Band66-20MHz-QPSK-132322-1RB#0-0.009~0.15-PASS

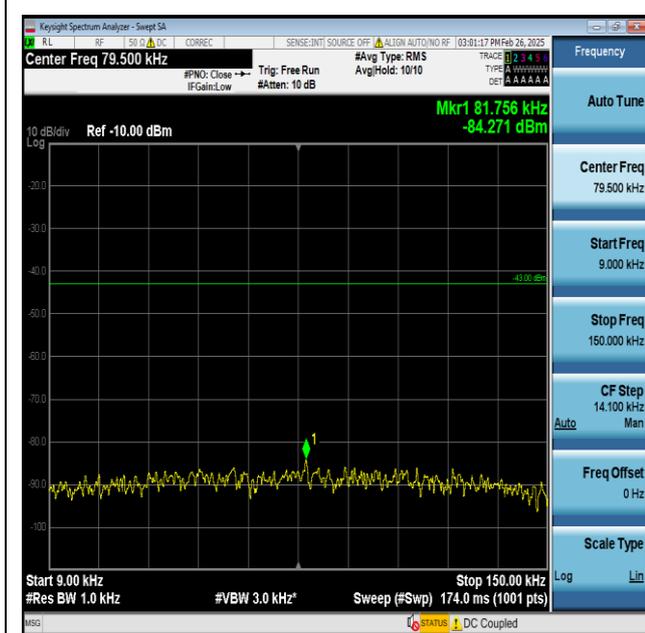Band66-20MHz-QPSK-132322-1RB#0-0.15~30-PASS

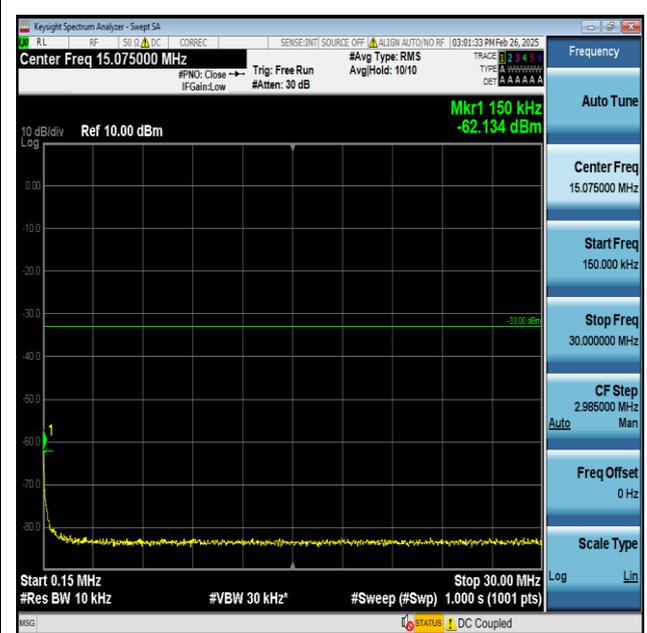Band66-20MHz-QPSK-132322-1RB#0-30~1000-PASS

Band66-20MHz-QPSK-132322-1RB#0-1000~3000-PASS

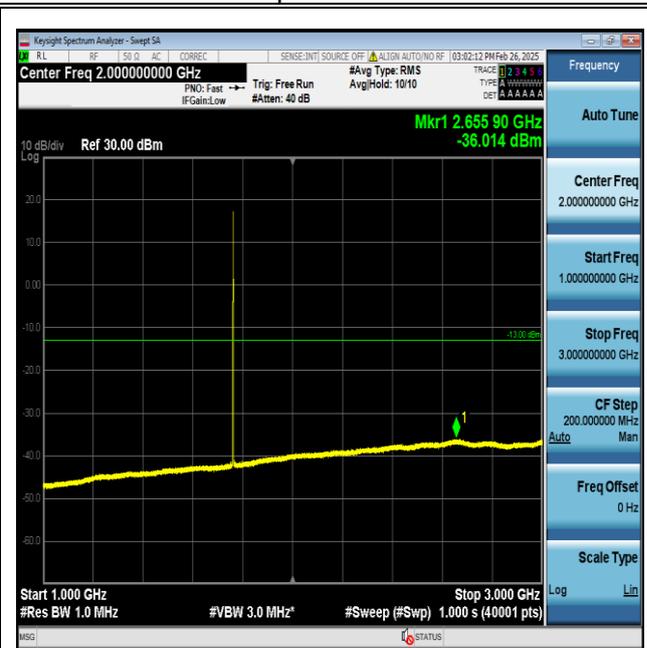Band66-20MHz-QPSK-132322-1RB#0-3000~20000-PASS

Band66-20MHz-QPSK-132572-1RB#0-0.009~0.15-PASS

Band66-20MHz-QPSK-132572-1RB#0-0.15~30-PASS

Band66-20MHz-QPSK-132572-1RB#0-30~1000-PASS	Band66-20MHz-QPSK-132572-1RB#0-1000~3000-PASS

Band66-20MHz-QPSK-132572-1RB#0-3000~20000-PASS	