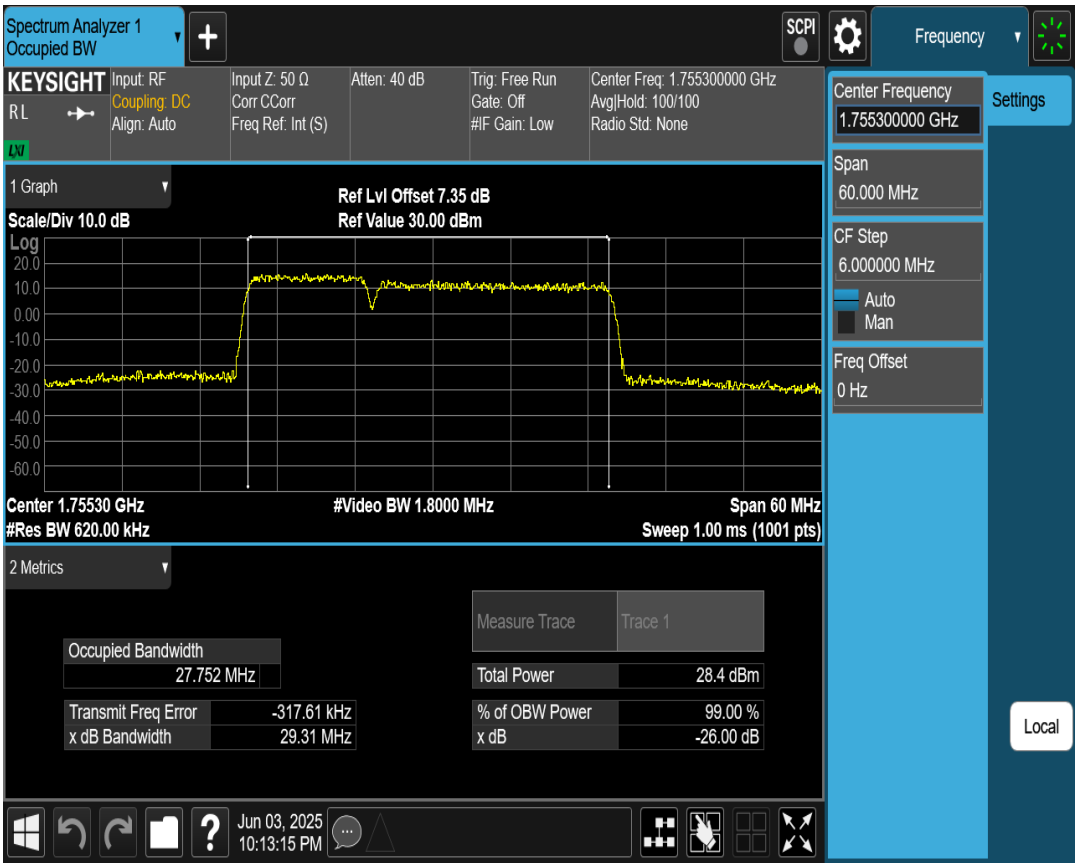
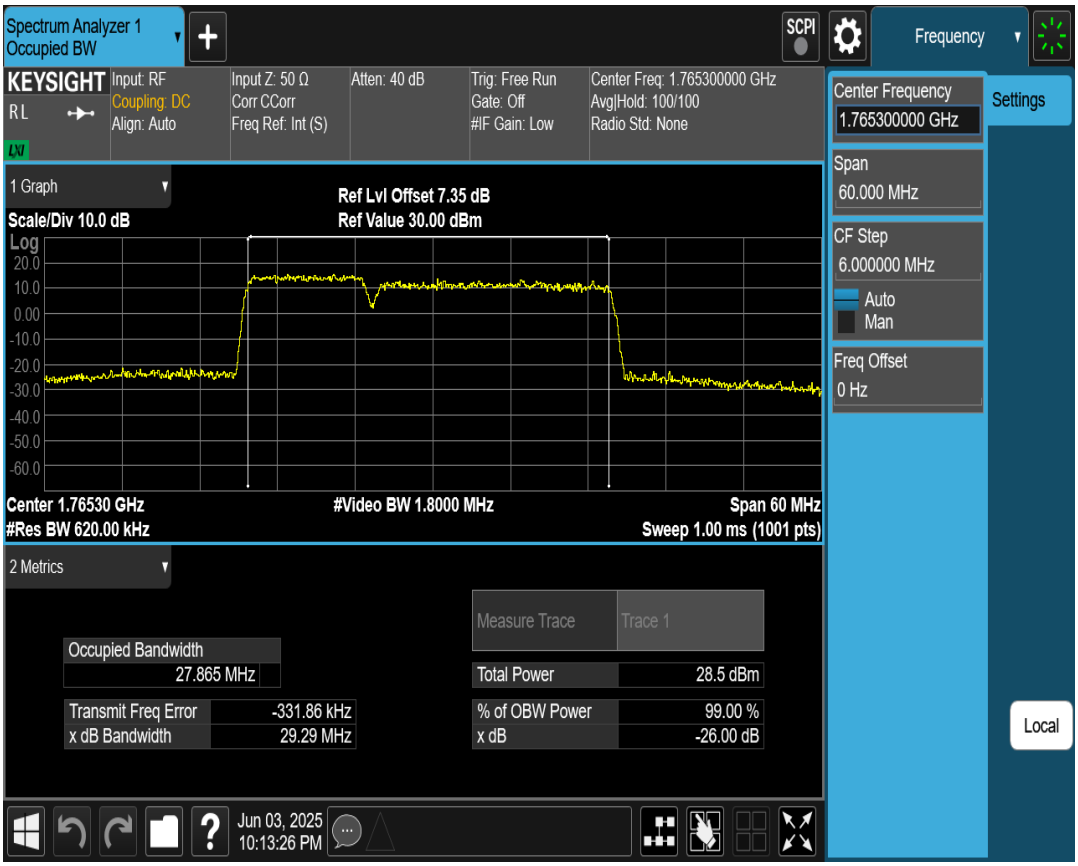
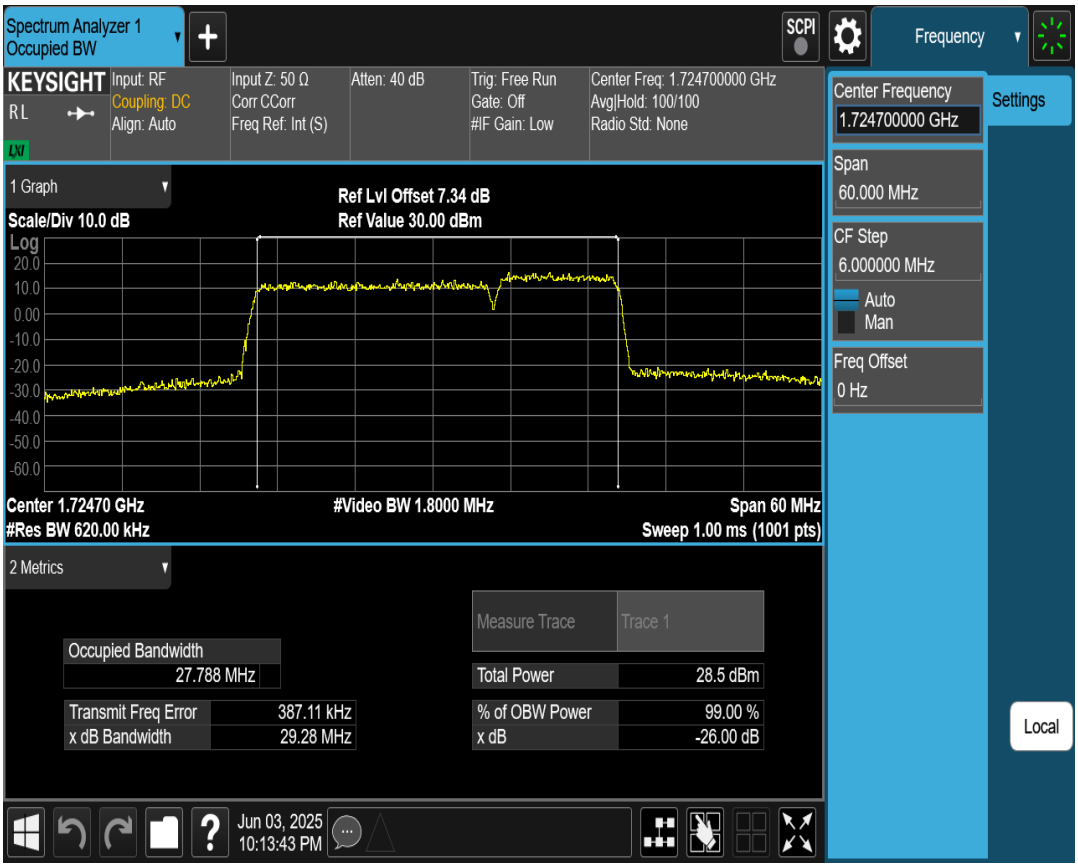


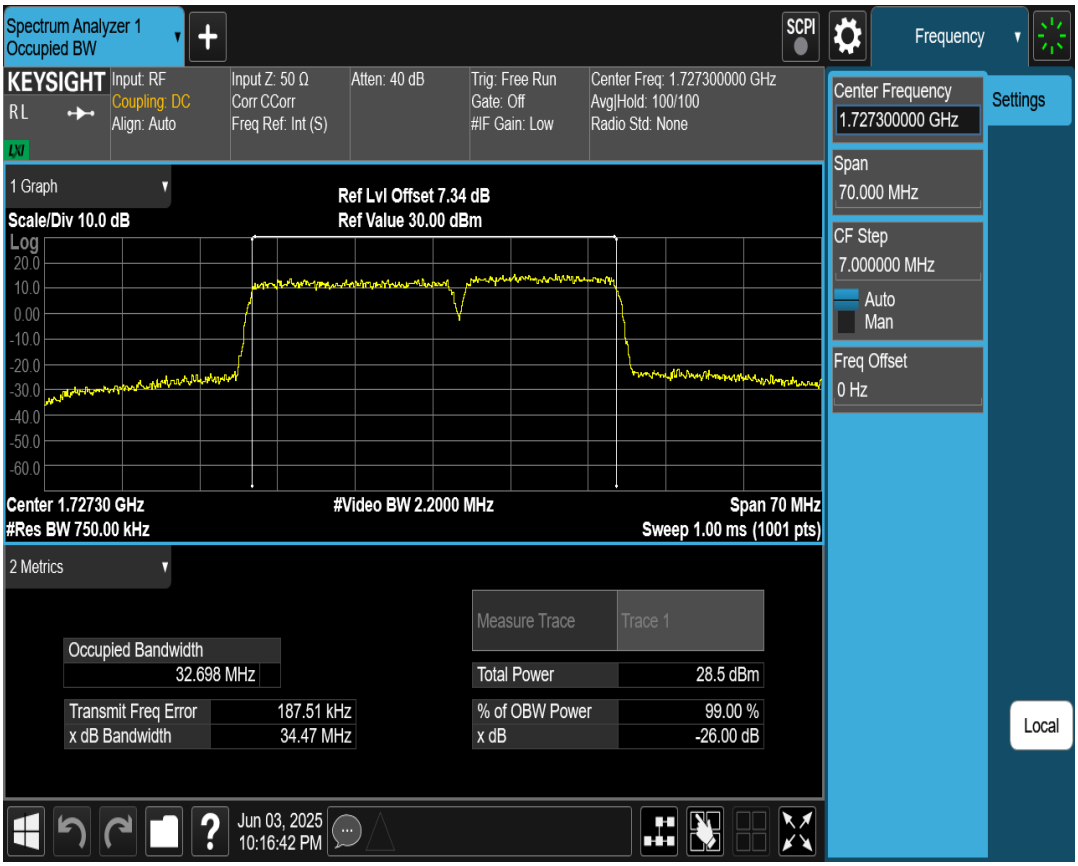
66C QPSK PCC BW=10MHz Ch=66892 RB=50@0,SCC BW=20MHz Ch=67036 RB=100@0



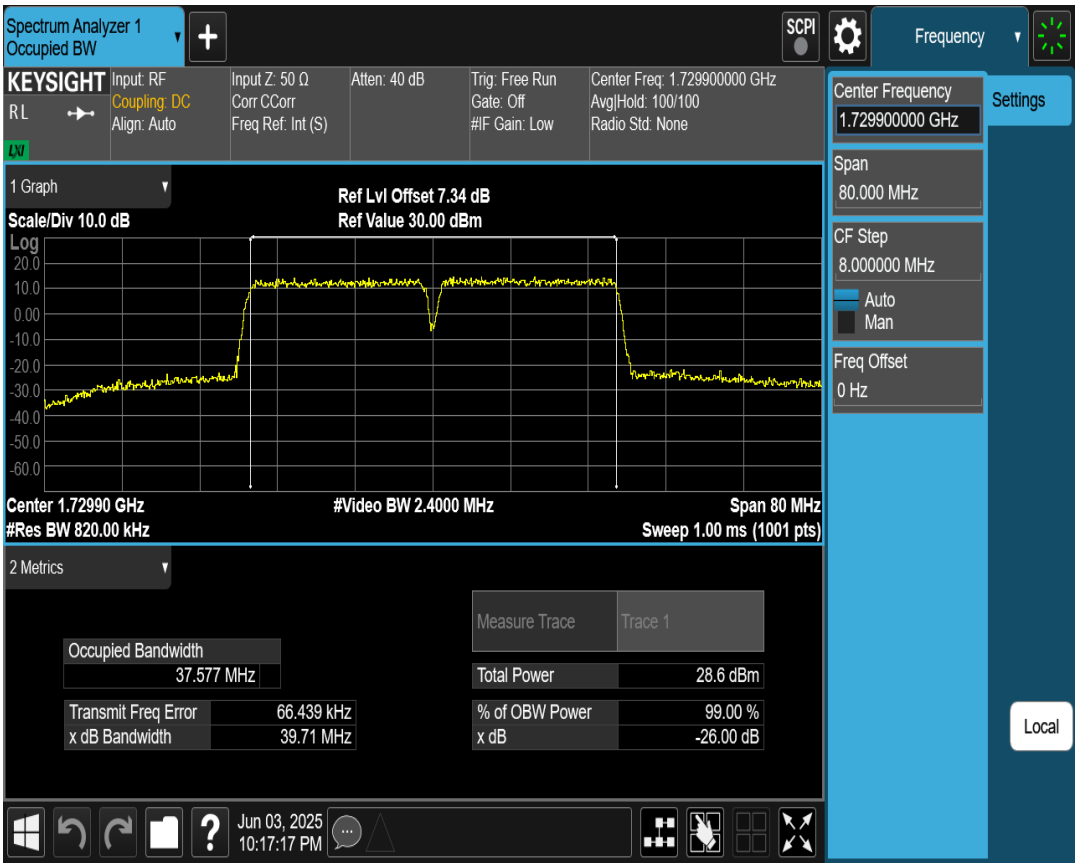
66C QPSK PCC BW=20MHz Ch=66536 RB=100@0,SCC BW=10MHz Ch=66680 RB=50@0



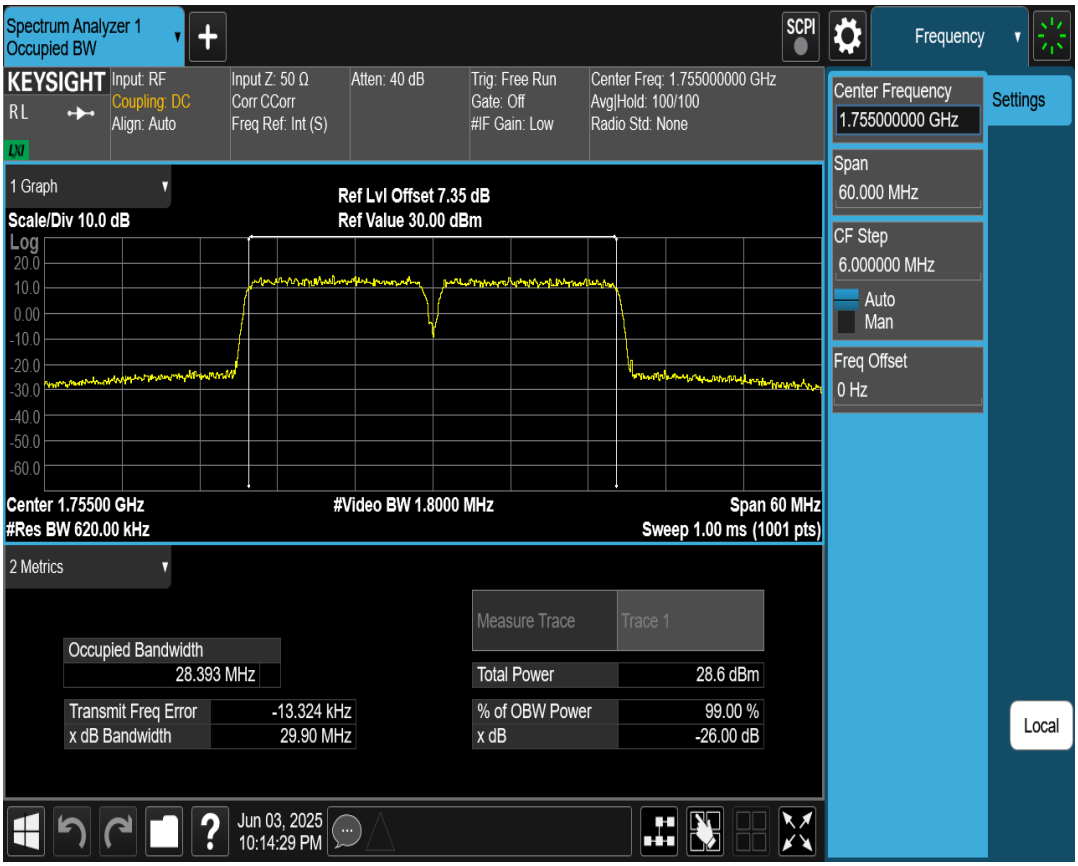
66C QPSK PCC BW=20MHz Ch=66536 RB=100@0,SCC BW=15MHz Ch=66707 RB=75@0



66C QPSK PCC BW=20MHz Ch=66536 RB=100@0,SCC BW=20MHz Ch=66734 RB=100@0

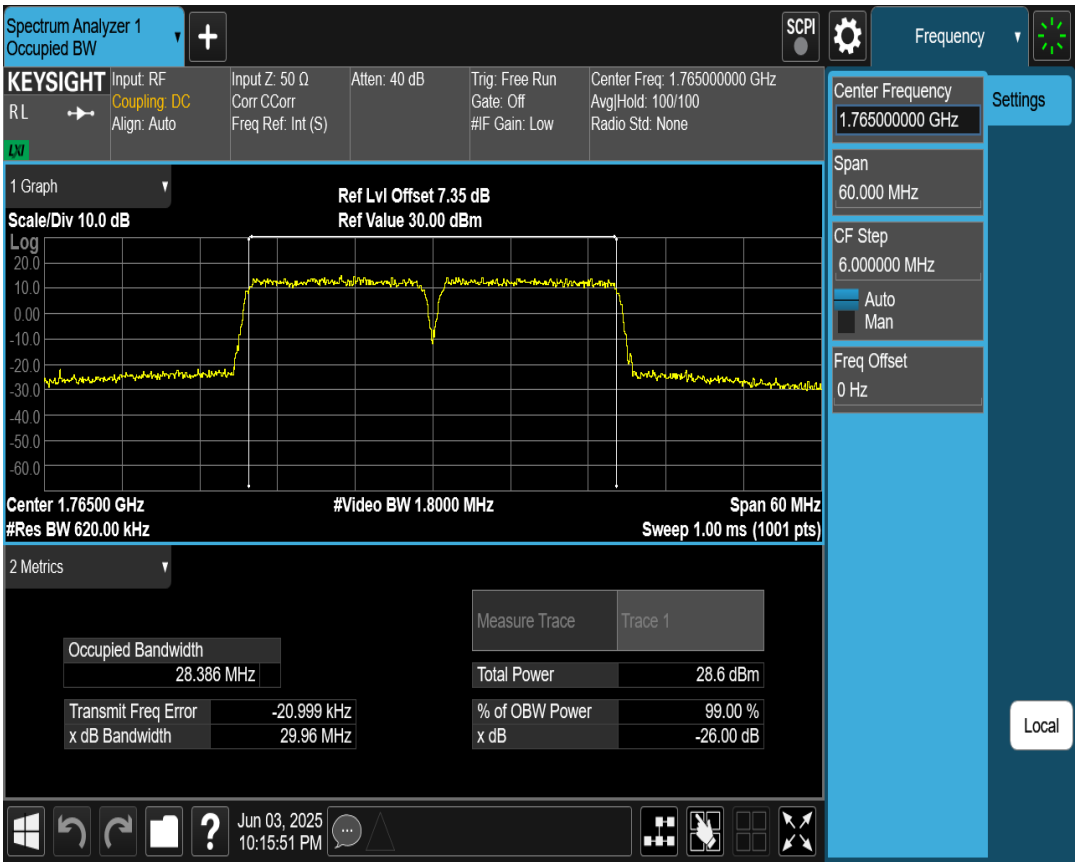


66C QPSK PCC BW=15MHz Ch=66811 RB=75@0,SCC BW=15MHz Ch=66961 RB=75@0



66C QPSK PCC BW=15MHz Ch=66885 RB=75@0,SCC BW=20MHz Ch=67036 RB=100@0

66C QPSK PCC BW=15MHz Ch=66911 RB=75@0,SCC BW=15MHz Ch=67061 RB=75@0



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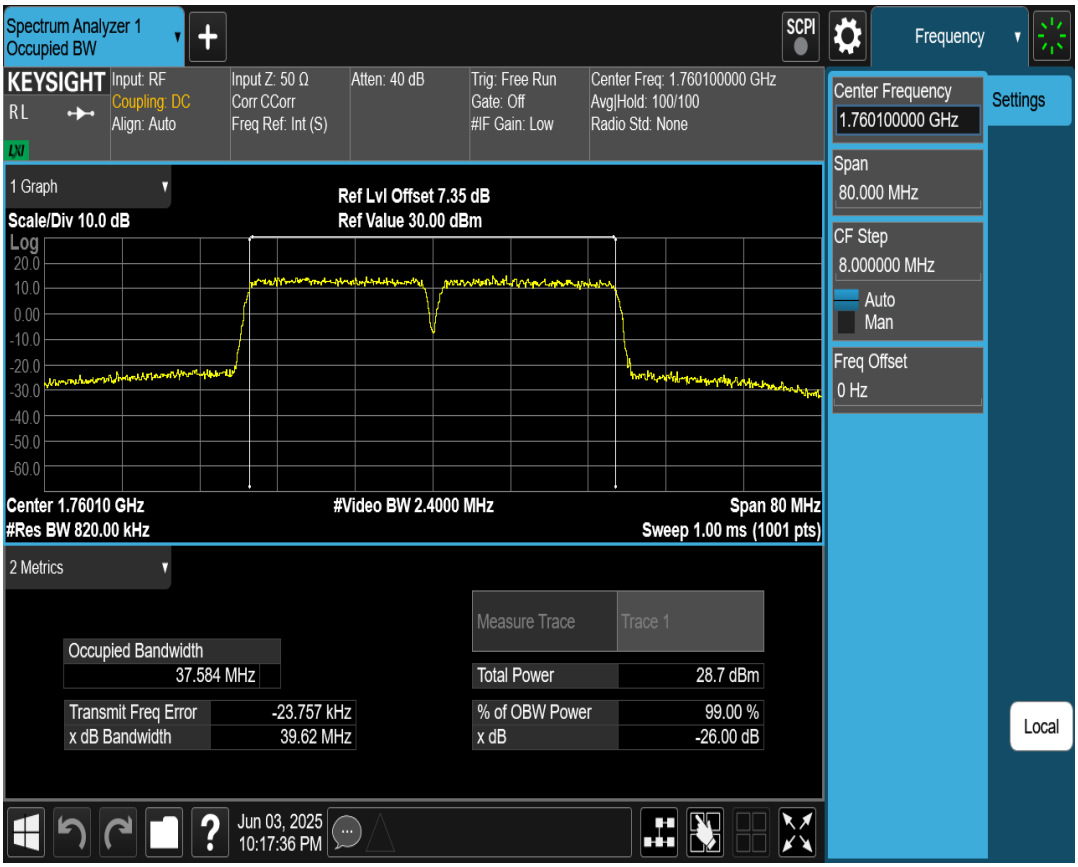
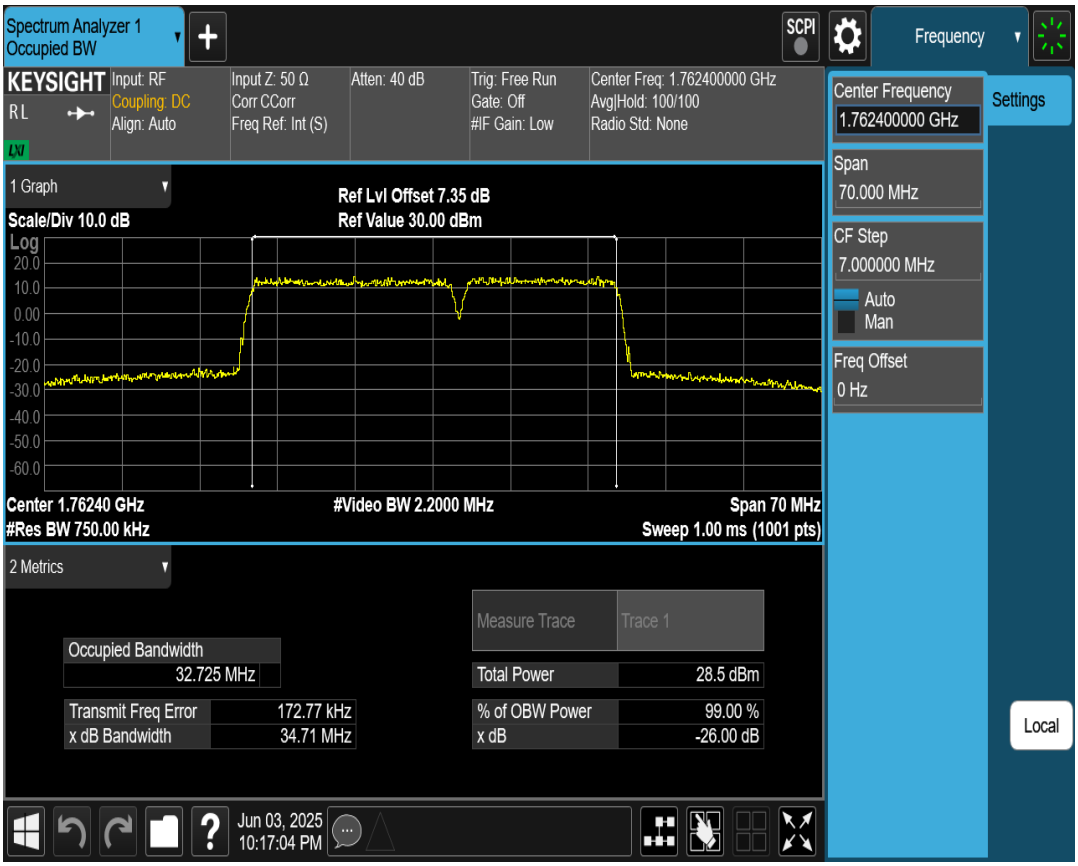
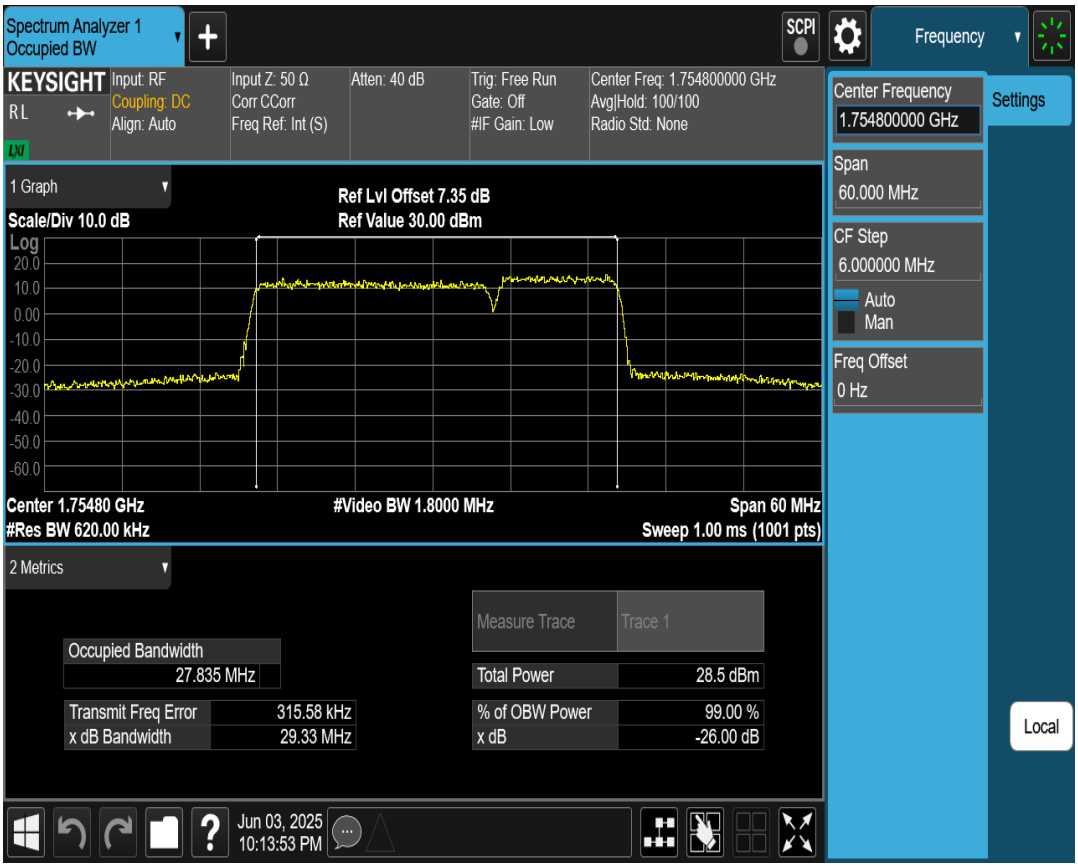


66C QPSK PCC BW=20MHz Ch=66887 RB=100@0,SCC BW=15MHz Ch=67058 RB=75@0



66C QPSK PCC BW=20MHz Ch=66837 RB=100@0,SCC BW=10MHz Ch=66981 RB=50@0



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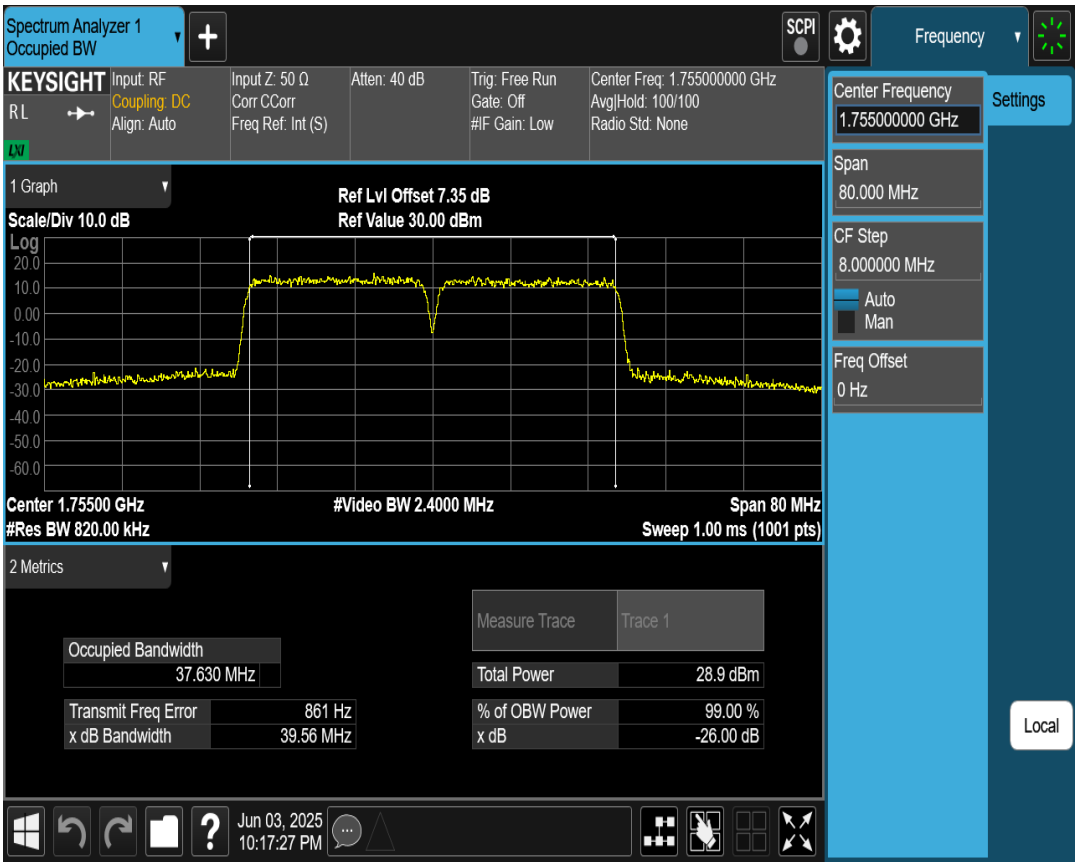
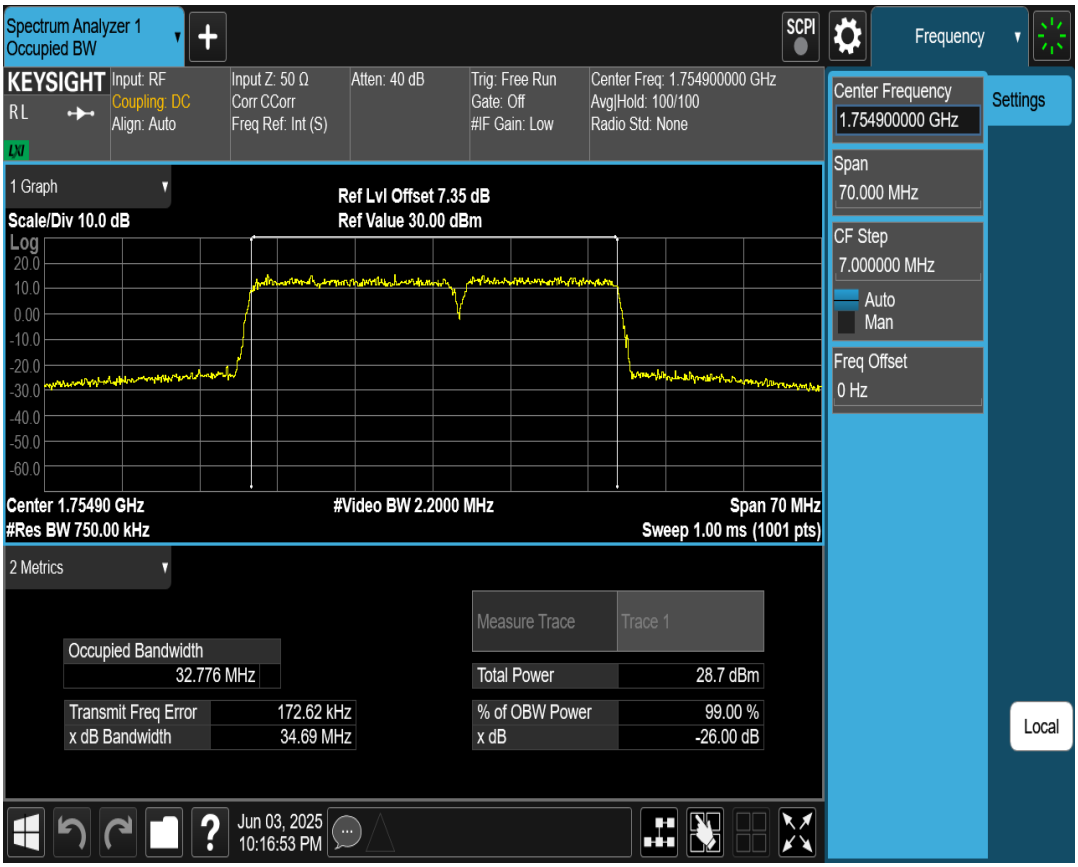
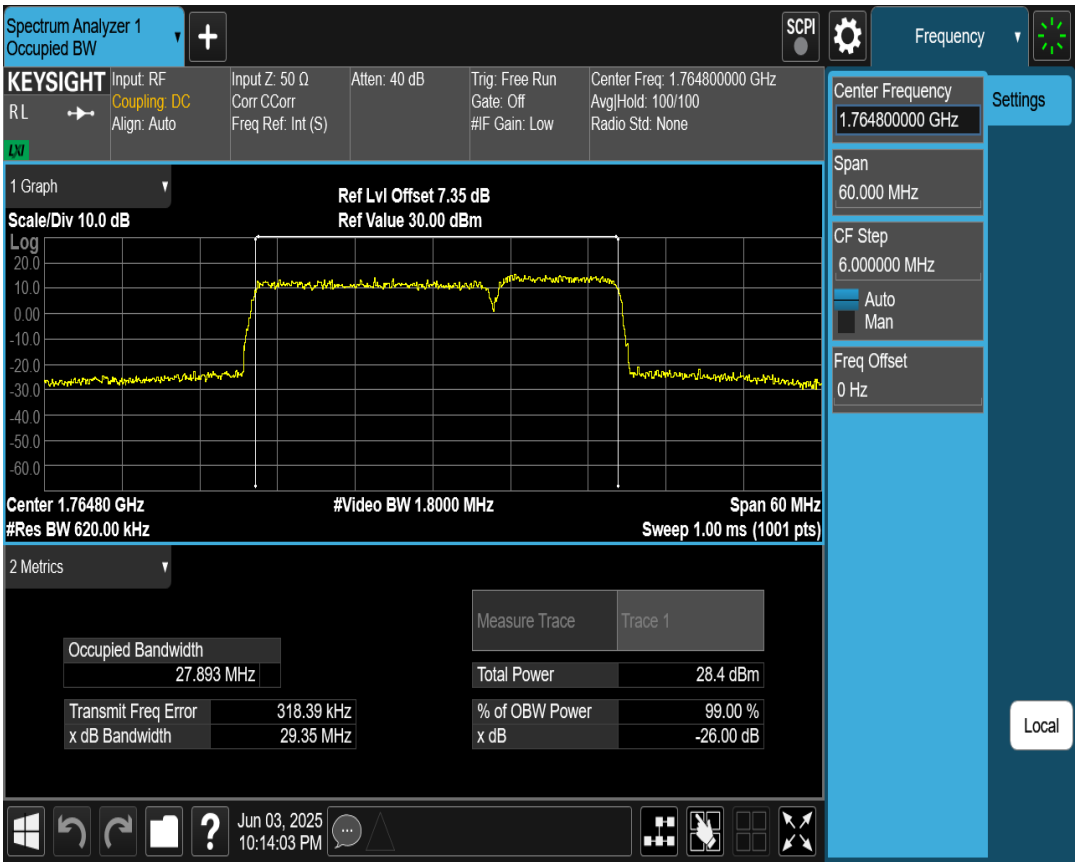


66C QPSK PCC BW=20MHz Ch=66812 RB=100@0,SCC BW=15MHz Ch=66983 RB=75@0



66C QPSK PCC BW=20MHz Ch=66937 RB=100@0,SCC BW=10MHz Ch=67081 RB=50@0

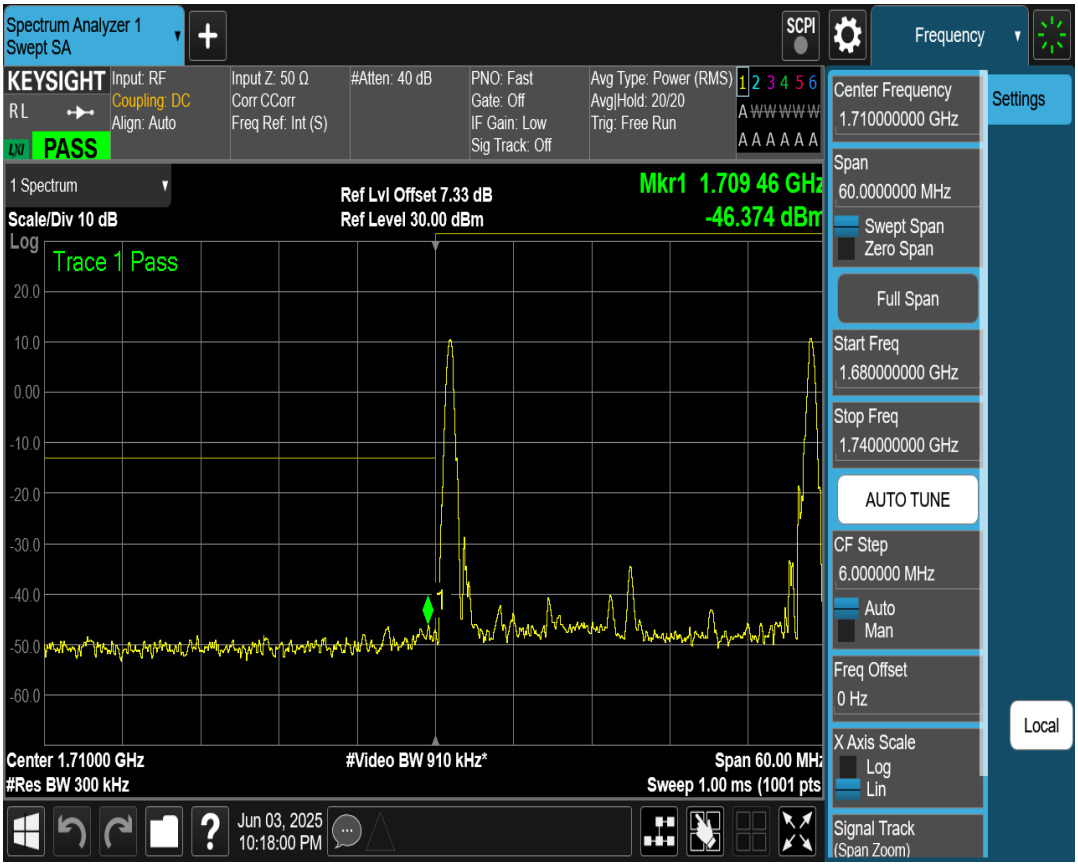


05 Band edge for intra-band contiguous CA

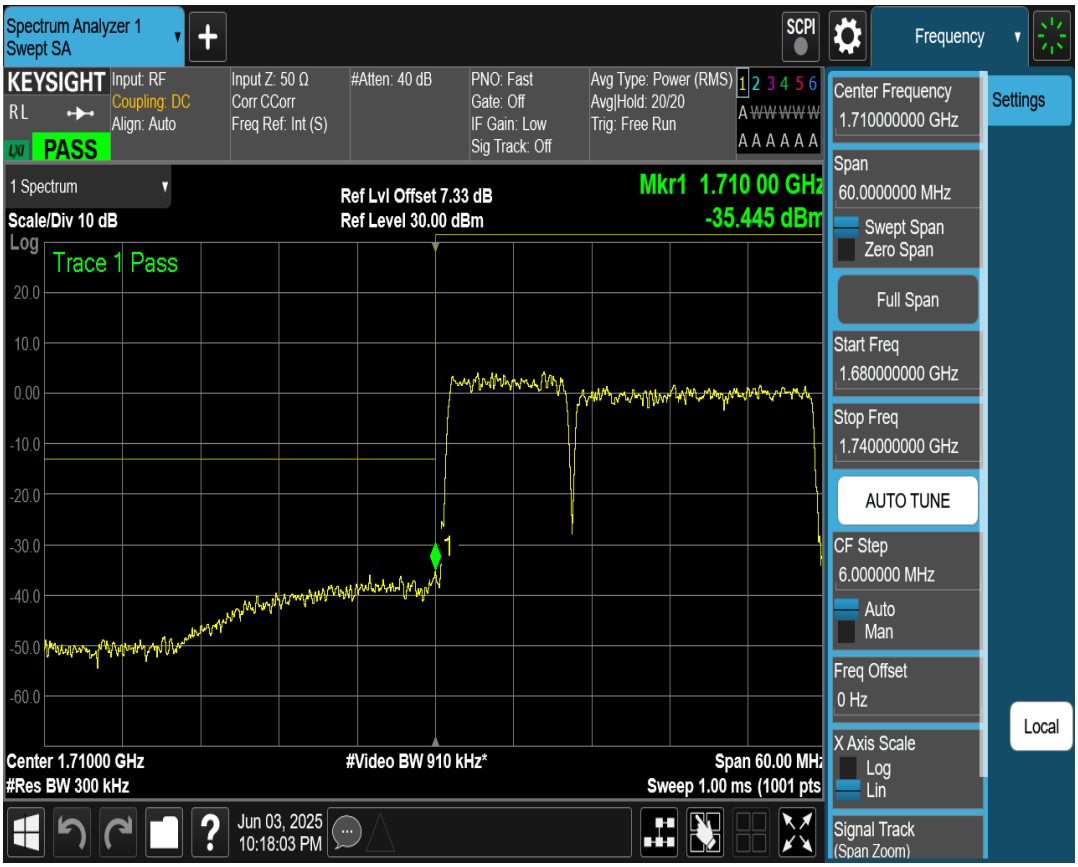
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
66C	10	66491	1@0	20	66635	1@99	QPSK	1706.40	-45.57	-13	PASS
66C	10	66491	50@0	20	66635	100@0	QPSK	1704.12	-35.34	-13	PASS
66C	10	66491	1@0	20	66635	1@99	16QAM	1709.46	-46.37	-13	PASS
66C	10	66491	50@0	20	66635	100@0	16QAM	1710.00	-35.44	-13	PASS
66C	10	66892	1@0	20	67036	1@99	QPSK	1780.00	-26.68	-13	PASS
66C	10	66892	50@0	20	67036	100@0	QPSK	1780.66	-34.40	-13	PASS
66C	10	66892	1@0	20	67036	1@99	16QAM	1780.12	-30.18	-13	PASS
66C	10	66892	50@0	20	67036	100@0	16QAM	1781.56	-36.44	-13	PASS
66C	20	66536	1@0	10	66680	1@49	QPSK	1709.94	-35.28	-13	PASS
66C	20	66536	100@0	10	66680	50@0	QPSK	1709.70	-35.96	-13	PASS
66C	20	66536	1@0	10	66680	1@49	16QAM	1709.88	-33.66	-13	PASS
66C	20	66536	100@0	10	66680	50@0	16QAM	1708.44	-37.09	-13	PASS
66C	20	66937	1@0	10	67081	1@49	QPSK	1806.58	-40.28	-13	PASS
66C	20	66937	100@0	10	67081	50@0	QPSK	1782.52	-32.64	-13	PASS
66C	20	66937	1@0	10	67081	1@49	16QAM	1806.64	-39.73	-13	PASS
66C	20	66937	100@0	10	67081	50@0	16QAM	1780.42	-34.22	-13	PASS
66C	15	66511	1@0	15	66661	1@74	QPSK	1709.88	-29.33	-13	PASS
66C	15	66511	75@0	15	66661	75@0	QPSK	1708.98	-35.11	-13	PASS
66C	15	66511	1@0	15	66661	1@74	16QAM	1709.88	-37.27	-13	PASS
66C	15	66511	75@0	15	66661	75@0	16QAM	1706.70	-36.34	-13	PASS
66C	15	66911	1@0	15	67061	1@74	QPSK	1780.06	-31.11	-13	PASS
66C	15	66911	75@0	15	67061	75@0	QPSK	1780.90	-34.25	-13	PASS
66C	15	66911	1@0	15	67061	1@74	16QAM	1780.18	-30.10	-13	PASS
66C	15	66911	75@0	15	67061	75@0	16QAM	1781.92	-34.62	-13	PASS
66C	15	66514	1@0	20	66685	1@99	QPSK	1709.93	-38.21	-13	PASS
66C	15	66514	75@0	20	66685	100@0	QPSK	1708.67	-34.73	-13	PASS
66C	15	66514	1@0	20	66685	1@99	16QAM	1710.00	-30.85	-13	PASS
66C	15	66514	75@0	20	66685	100@0	16QAM	1708.74	-35.44	-13	PASS
66C	15	66885	1@0	20	67036	1@99	QPSK	1787.63	-42.39	-13	PASS
66C	15	66885	75@0	20	67036	100@0	QPSK	1780.49	-39.59	-13	PASS
66C	15	66885	1@0	20	67036	1@99	16QAM	1787.56	-43.15	-13	PASS
66C	15	66885	75@0	20	67036	100@0	16QAM	1781.12	-40.02	-13	PASS
66C	20	66536	1@0	15	66707	1@74	QPSK	1710.00	-38.92	-13	PASS
66C	20	66536	100@0	15	66707	75@0	QPSK	1709.93	-34.03	-13	PASS
66C	20	66536	1@0	15	66707	1@74	16QAM	1709.86	-31.40	-13	PASS
66C	20	66536	100@0	15	66707	75@0	16QAM	1709.72	-36.48	-13	PASS
66C	20	66887	1@0	15	67058	1@74	QPSK	1780.00	-41.35	-13	PASS
66C	20	66887	100@0	15	67058	75@0	QPSK	1780.84	-33.92	-13	PASS
66C	20	66887	1@0	15	67058	1@74	16QAM	1780.07	-38.50	-13	PASS

66C	20	66887	100@0	15	67058	75@0	16QAM	1782.17	-34.91	-13	PASS
66C	20	66536	1@0	20	66734	1@99	QPSK	1710.00	-25.57	-13	PASS
66C	20	66536	100@0	20	66734	100@0	QPSK	1708.64	-35.33	-13	PASS
66C	20	66536	1@0	20	66734	1@99	16QAM	1708.80	-45.42	-13	PASS
66C	20	66536	100@0	20	66734	100@0	16QAM	1706.56	-35.57	-13	PASS
66C	20	66838	1@0	20	67036	1@99	QPSK	1780.00	-32.45	-13	PASS
66C	20	66838	100@0	20	67036	100@0	QPSK	1781.20	-34.48	-13	PASS
66C	20	66838	1@0	20	67036	1@99	16QAM	1780.00	-24.86	-13	PASS
66C	20	66838	100@0	20	67036	100@0	16QAM	1780.88	-34.68	-13	PASS

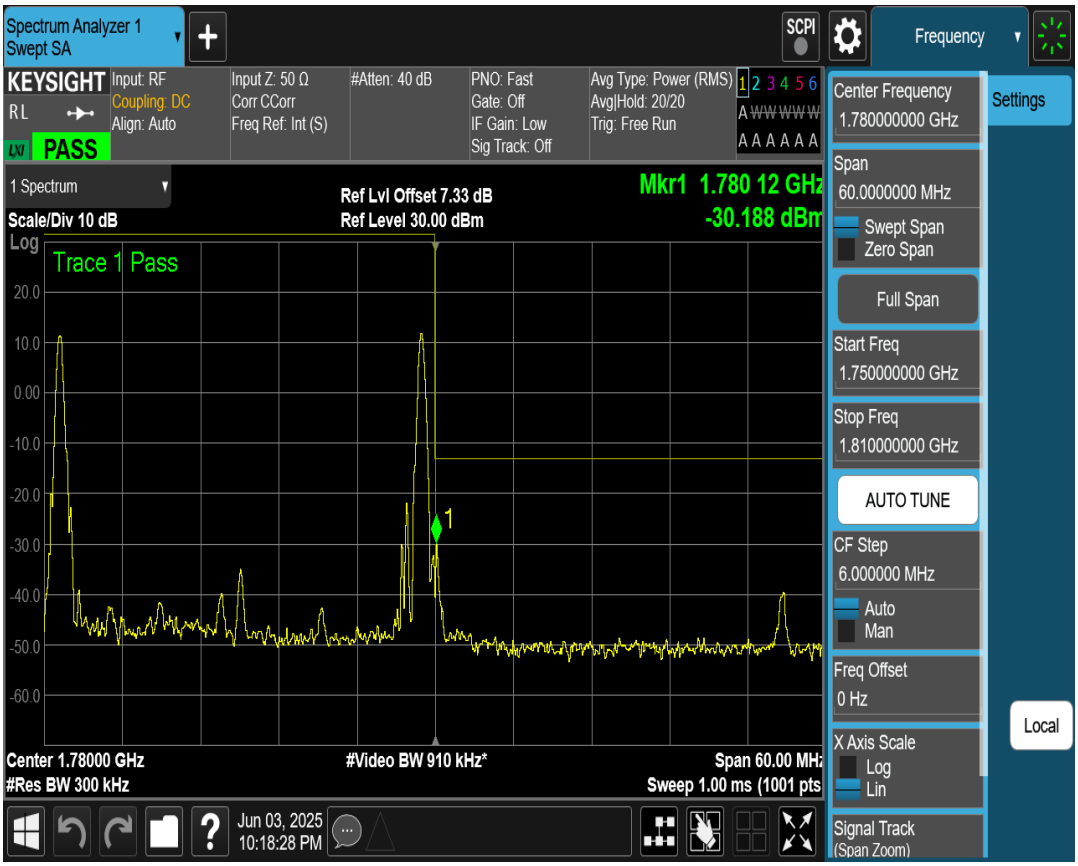
66C 16QAM PCC BW=10MHz Ch=66491 RB=1@0,SCC BW=20MHz Ch=66635 RB=1@99



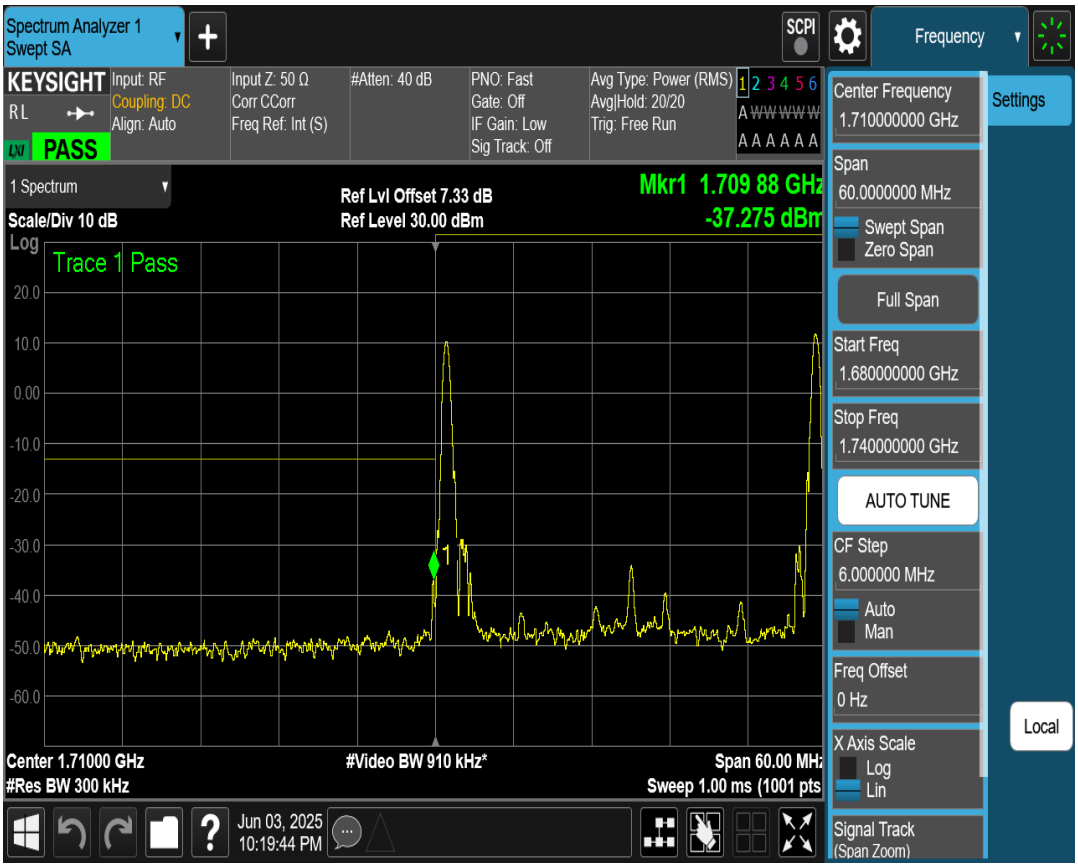
66C 16QAM PCC BW=10MHz Ch=66491 RB=50@0,SCC BW=20MHz Ch=66635 RB=100@0



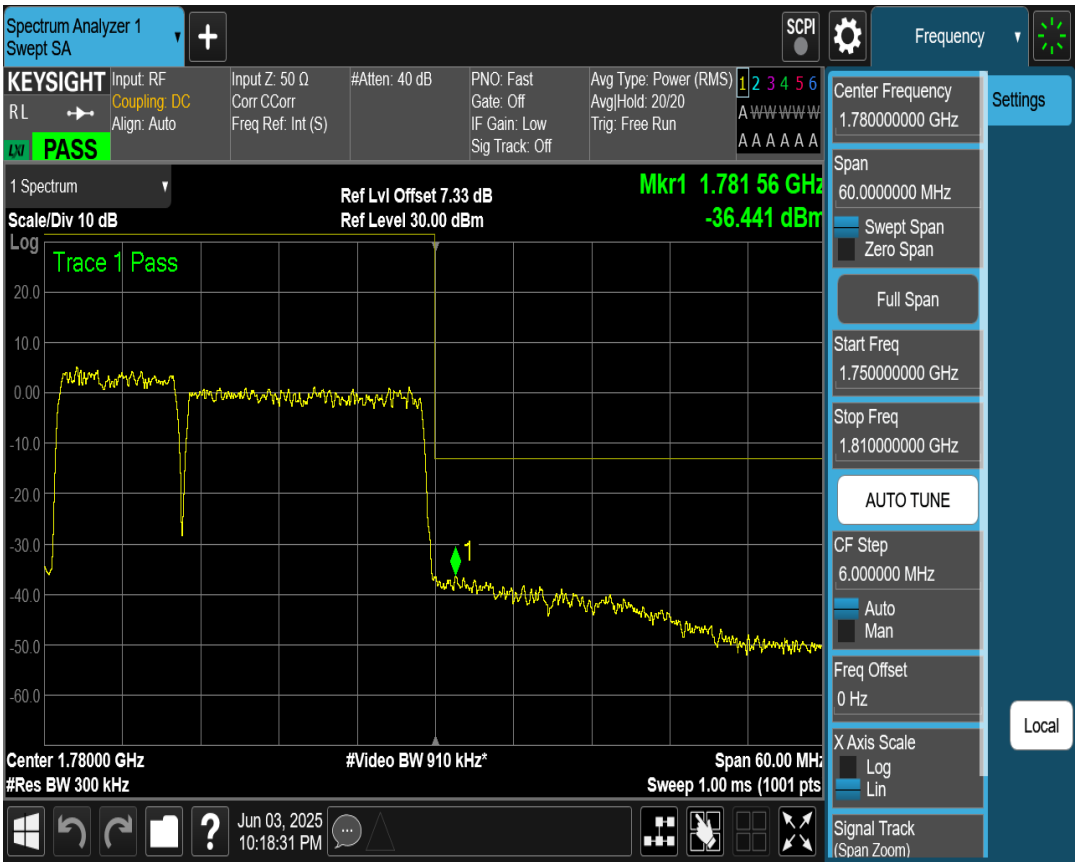
66C 16QAM PCC BW=10MHz Ch=66892 RB=1@0,SCC BW=20MHz Ch=67036 RB=1@99



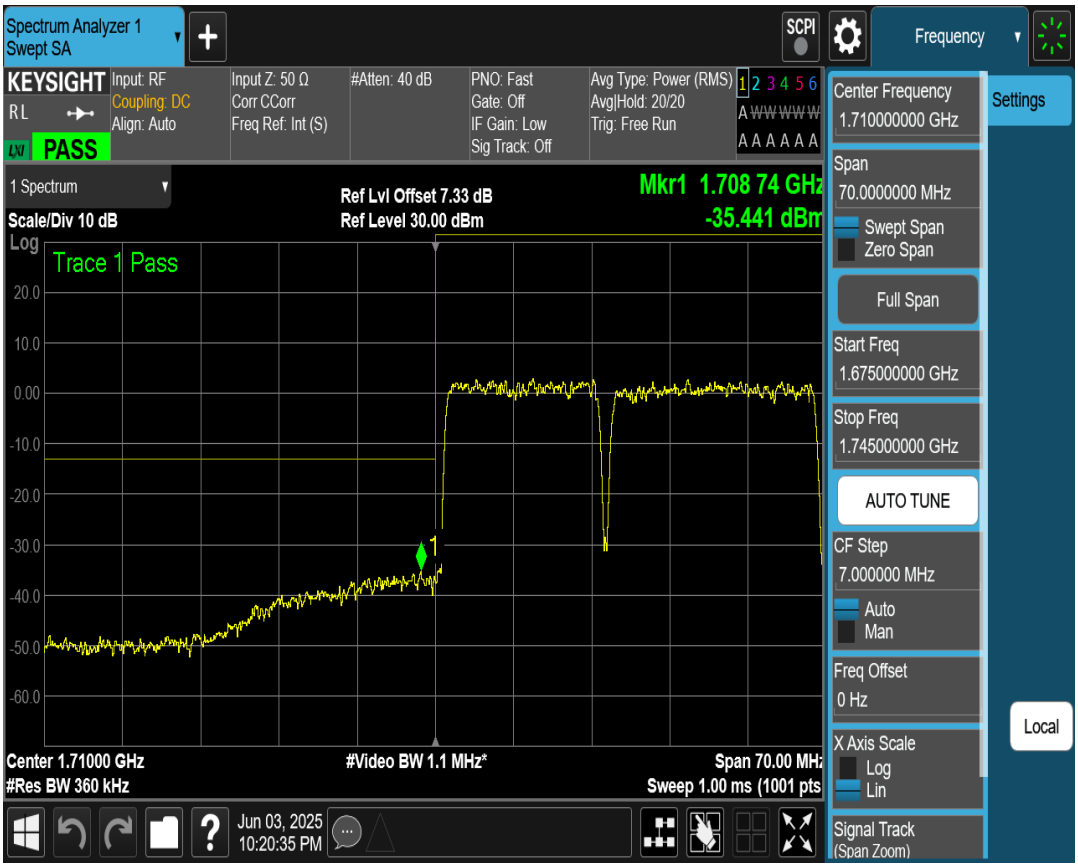
66C 16QAM PCC BW=15MHz Ch=66511 RB=1@0,SCC BW=15MHz Ch=66661 RB=1@74



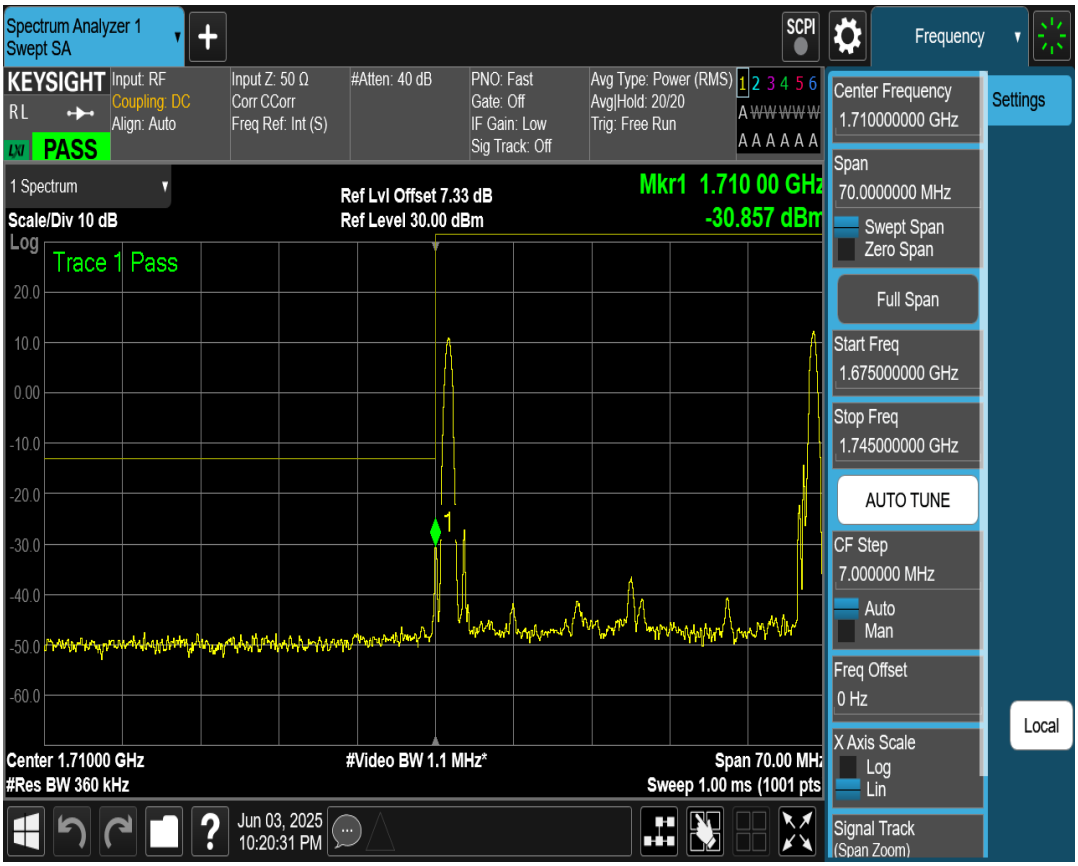
66C 16QAM PCC BW=10MHz Ch=66892 RB=50@0,SCC BW=20MHz Ch=67036 RB=100@0



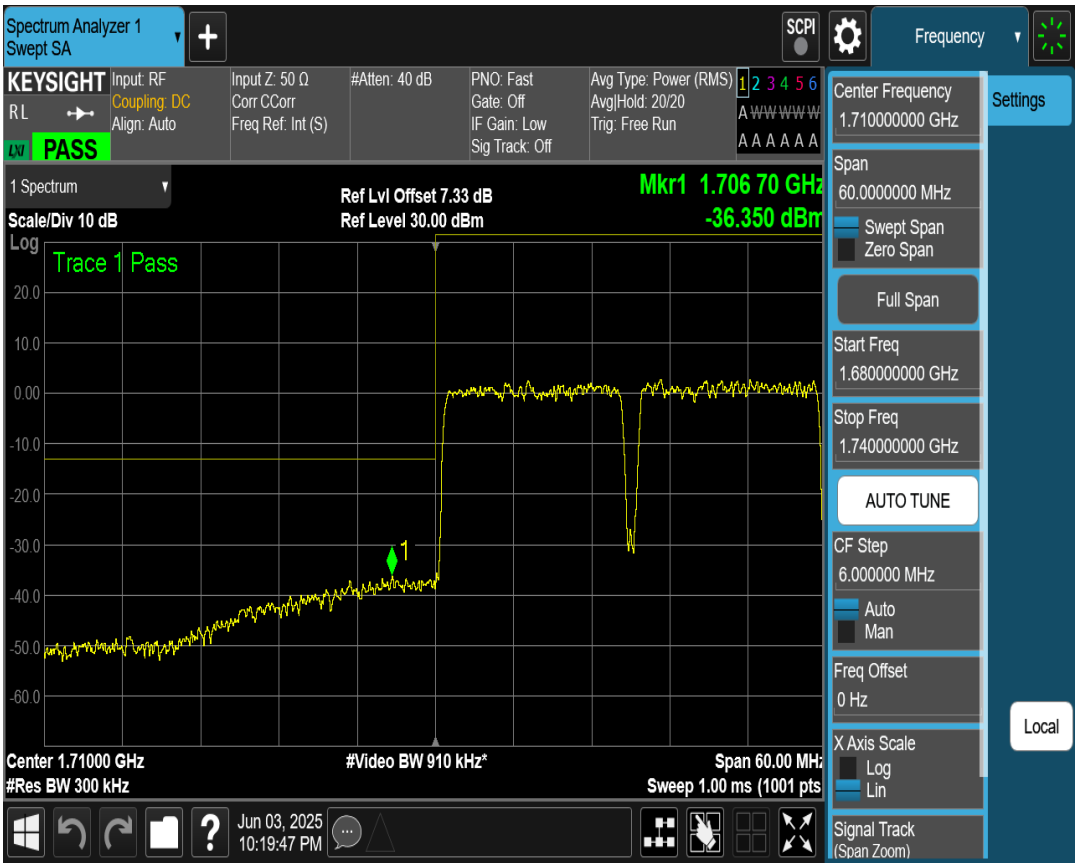
66C 16QAM PCC BW=15MHz Ch=66514 RB=75@0,SCC BW=20MHz Ch=66685 RB=100@0



66C 16QAM PCC BW=15MHz Ch=66514 RB=1@0,SCC BW=20MHz Ch=66685 RB=1@99



66C 16QAM PCC BW=15MHz Ch=66511 RB=75@0,SCC BW=15MHz Ch=66661 RB=75@0



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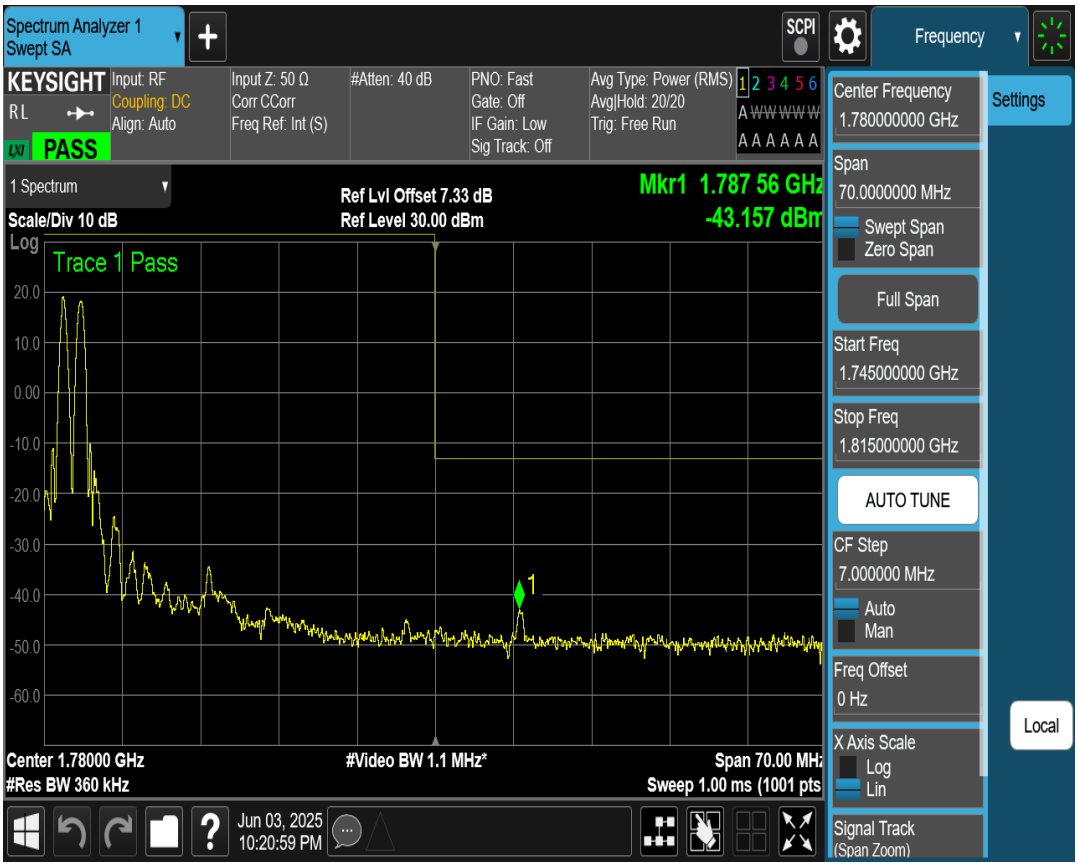
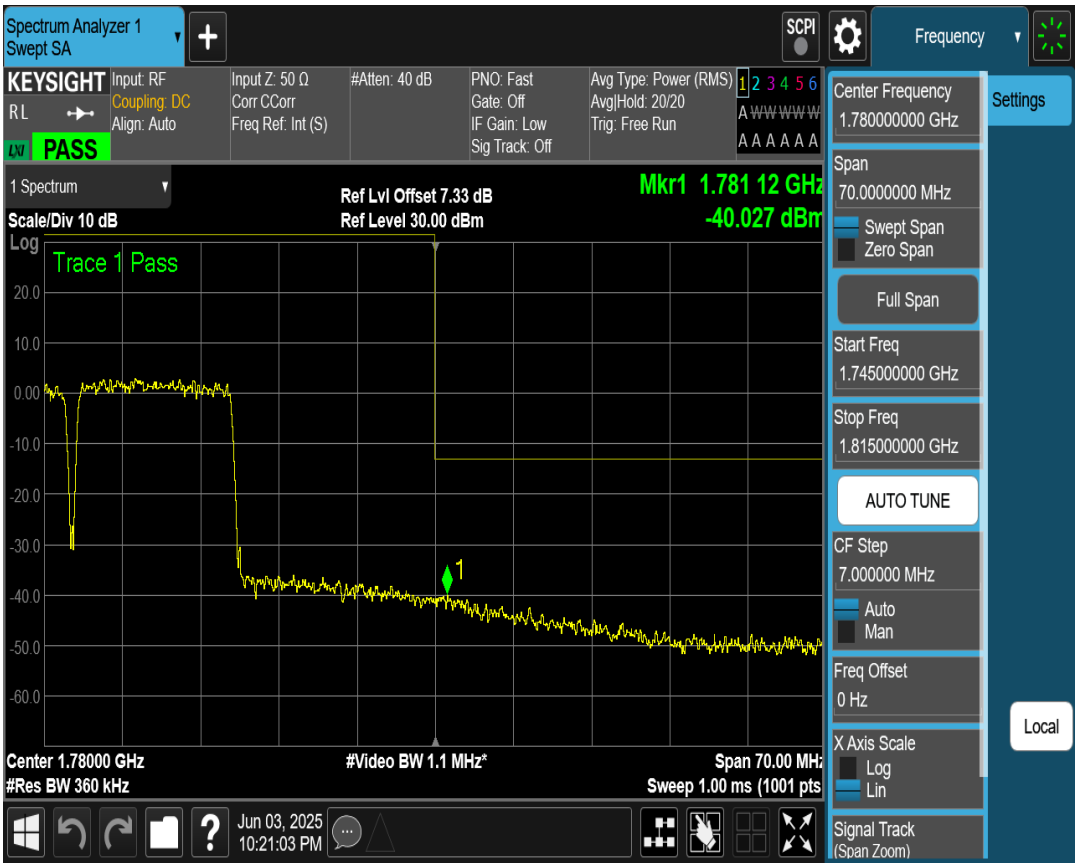
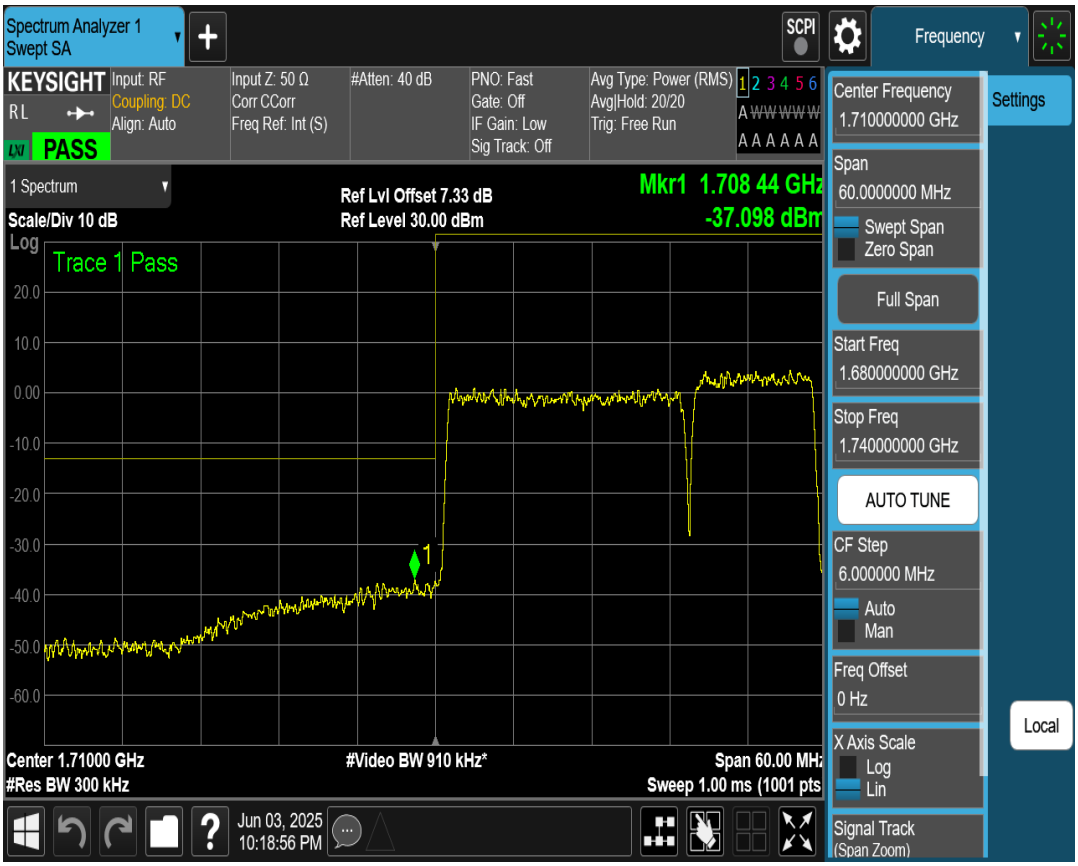


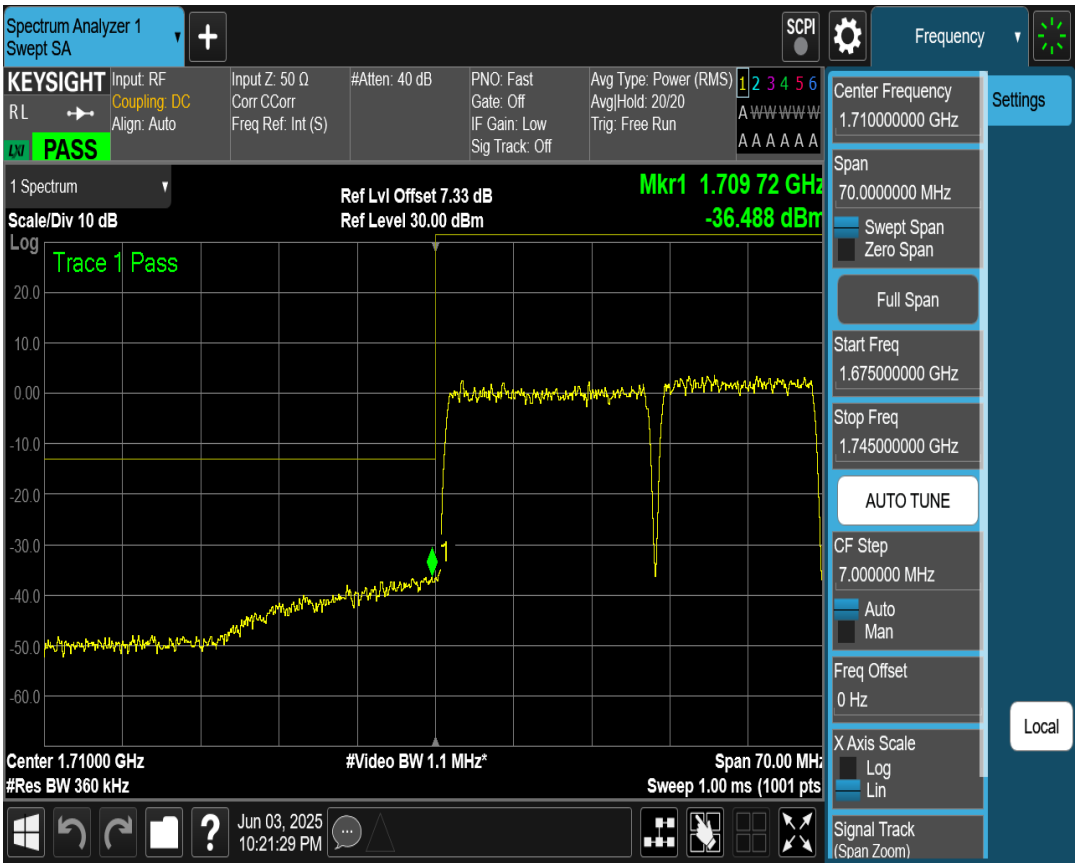
66C 16QAM PCC BW=15MHz Ch=66885 RB=75@0,SCC BW=20MHz Ch=67036 RB=100@0



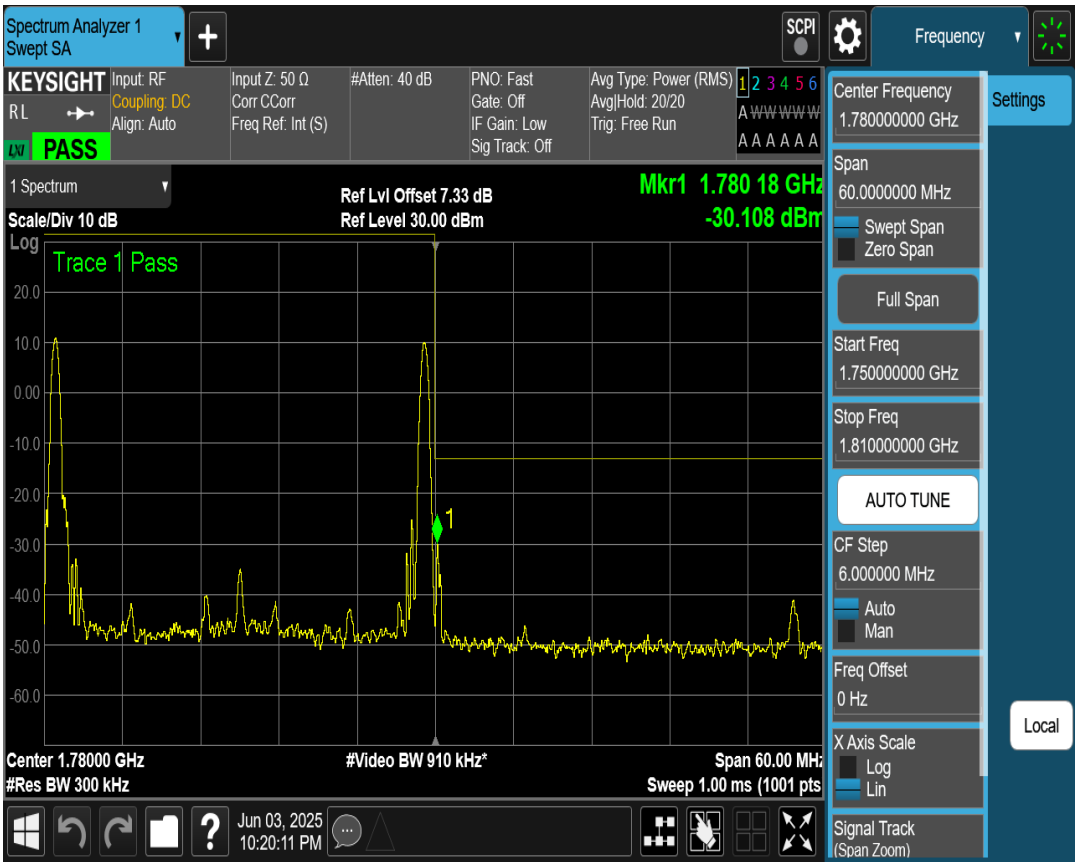
66C 16QAM PCC BW=20MHz Ch=66536 RB=100@0,SCC BW=10MHz Ch=66680 RB=50@0



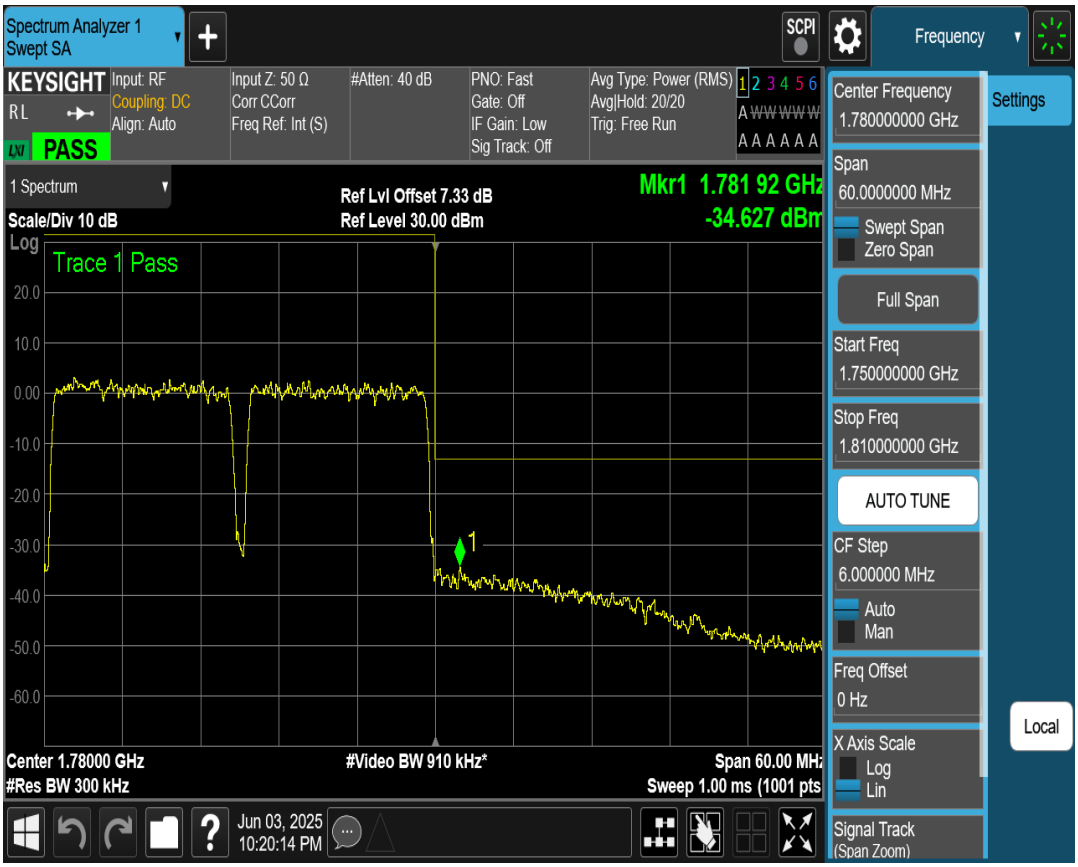
66C 16QAM PCC BW=20MHz Ch=66536 RB=100@0,SCC BW=15MHz Ch=66707 RB=75@0



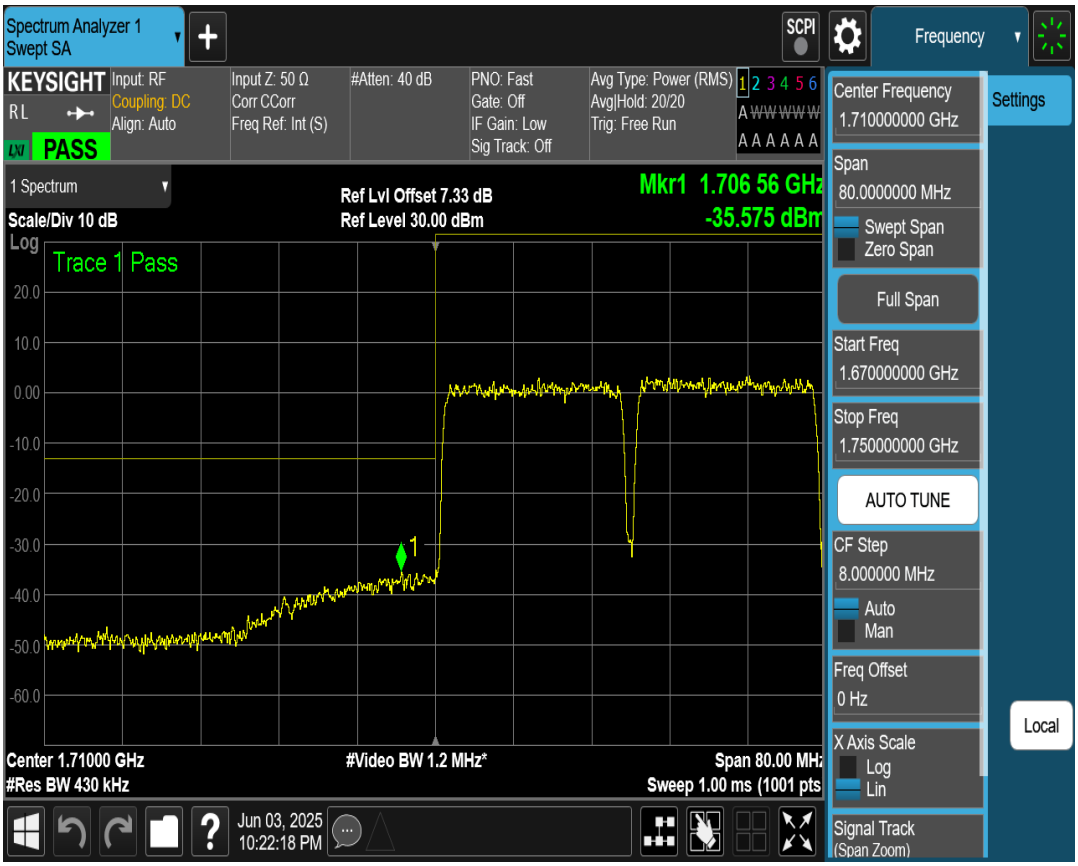
66C 16QAM PCC BW=15MHz Ch=66911 RB=1@0,SCC BW=15MHz Ch=67061 RB=1@74



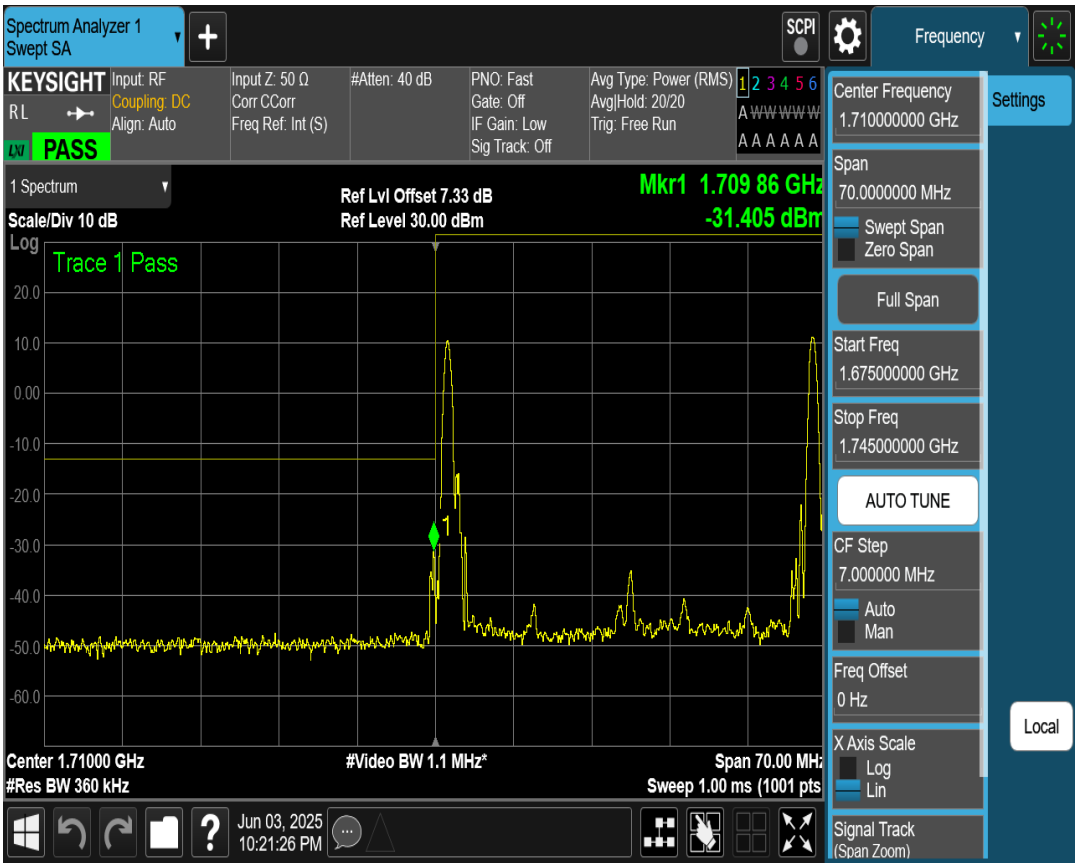
66C 16QAM PCC BW=15MHz Ch=66911 RB=75@0,SCC BW=15MHz Ch=67061 RB=75@0



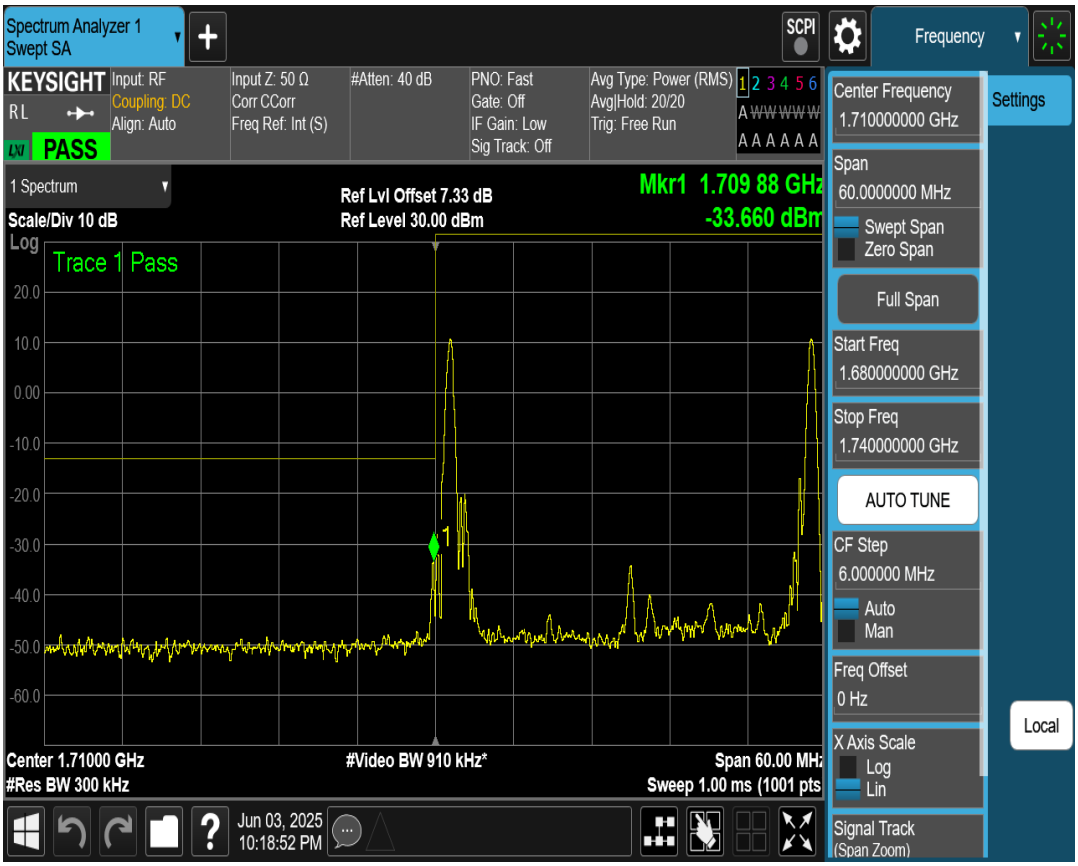
66C 16QAM PCC BW=20MHz Ch=66536 RB=100@0,SCC BW=20MHz Ch=66734 RB=100@0



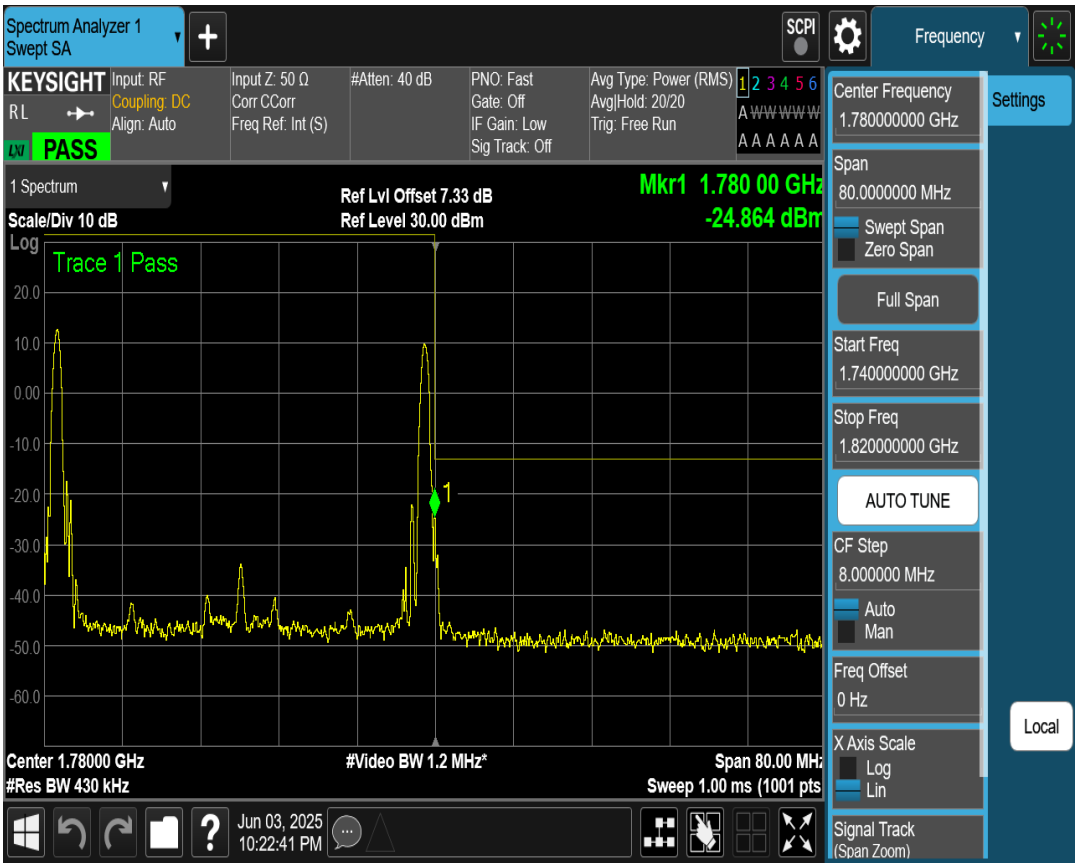
66C 16QAM PCC BW=20MHz Ch=66536 RB=1@0,SCC BW=15MHz Ch=66707 RB=1@74



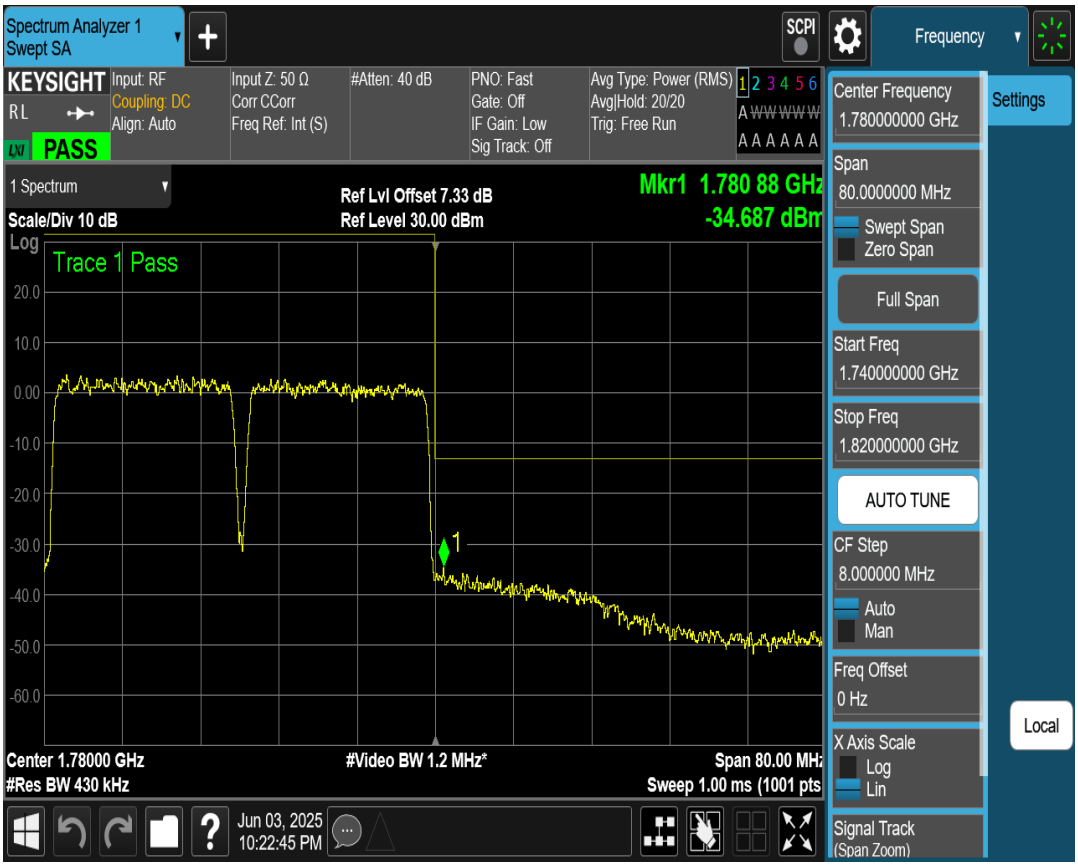
66C 16QAM PCC BW=20MHz Ch=66536 RB=1@0,SCC BW=10MHz Ch=66680 RB=1@49



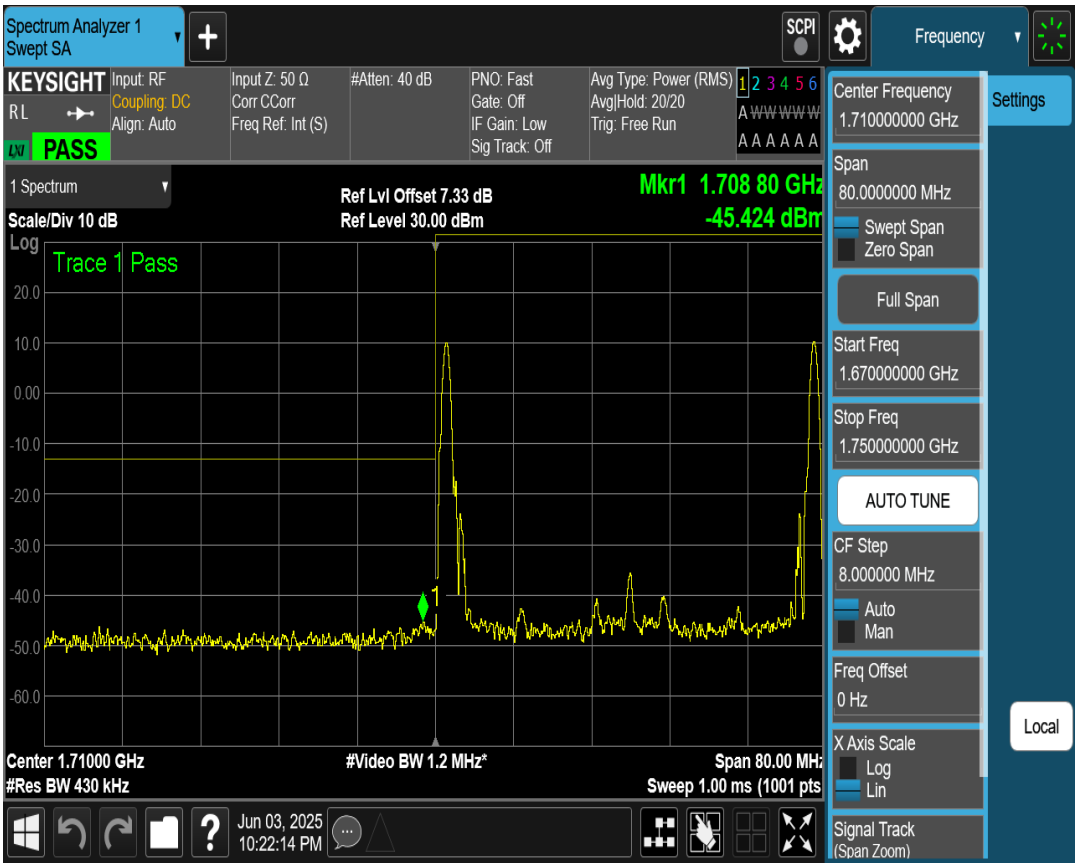
66C 16QAM PCC BW=20MHz Ch=66838 RB=1@0,SCC BW=20MHz Ch=67036 RB=1@99



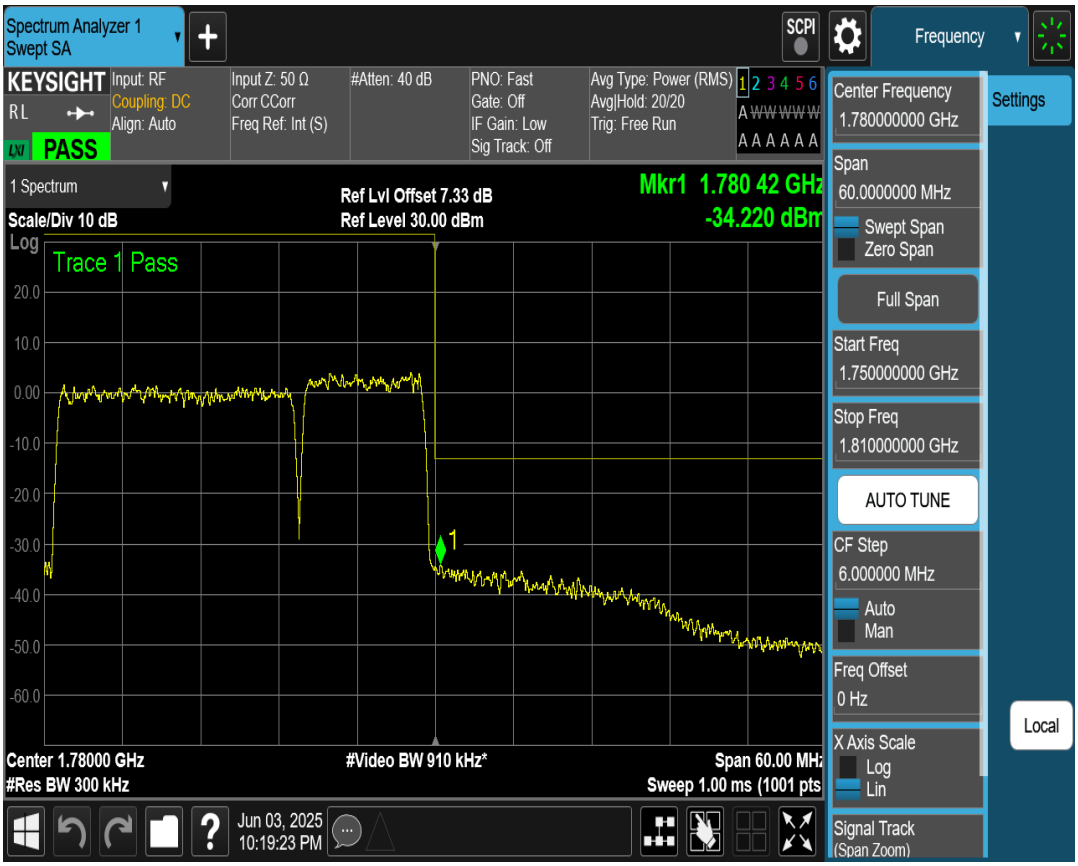
66C 16QAM PCC BW=20MHz Ch=66838 RB=100@0,SCC BW=20MHz Ch=67036 RB=100@0



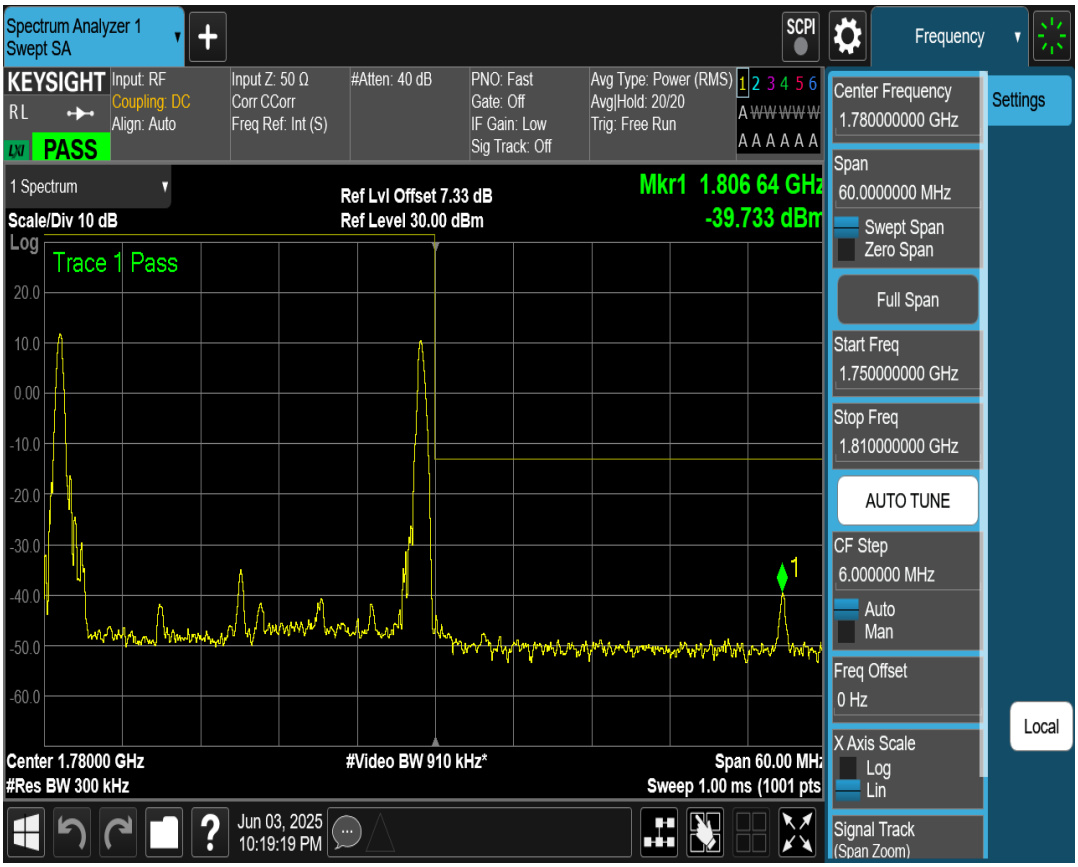
66C 16QAM PCC BW=20MHz Ch=66536 RB=1@0,SCC BW=20MHz Ch=66734 RB=1@99



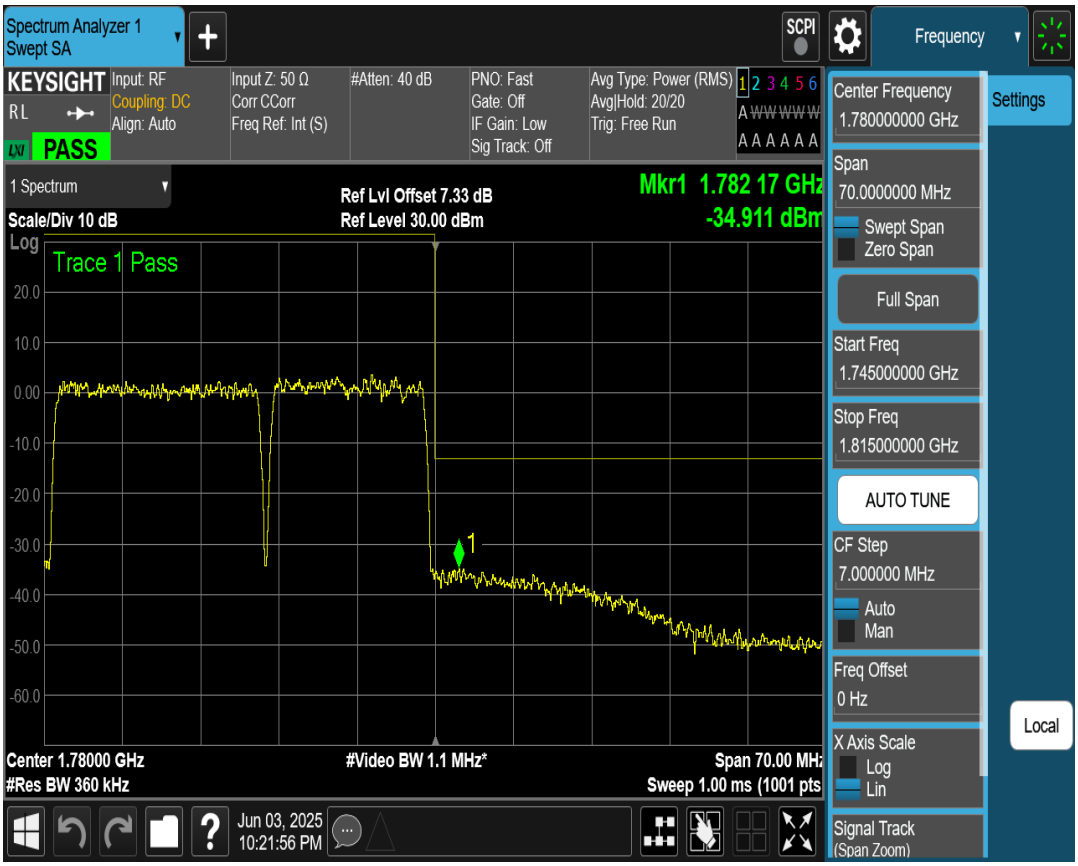
66C 16QAM PCC BW=20MHz Ch=66937 RB=100@0,SCC BW=10MHz Ch=67081 RB=50@0



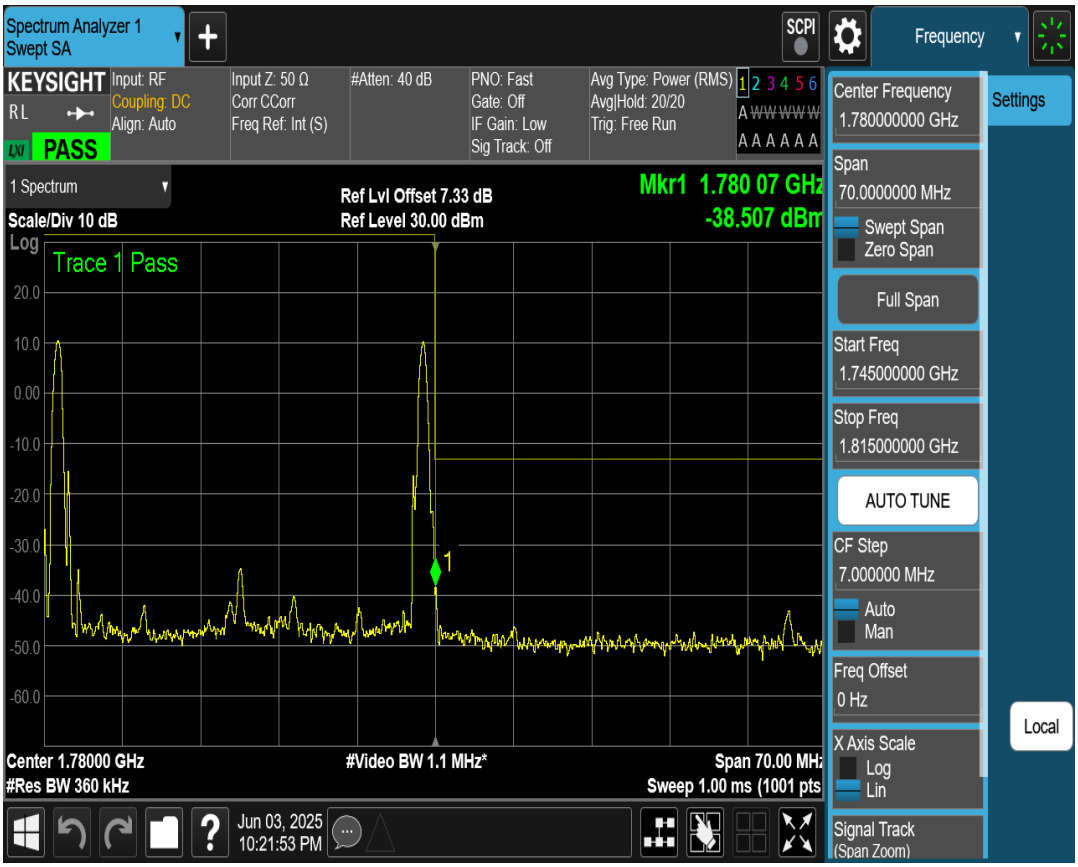
66C 16QAM PCC BW=20MHz Ch=66937 RB=1@0,SCC BW=10MHz Ch=67081 RB=1@49



66C 16QAM PCC BW=20MHz Ch=66887 RB=100@0,SCC BW=15MHz Ch=67058 RB=75@0

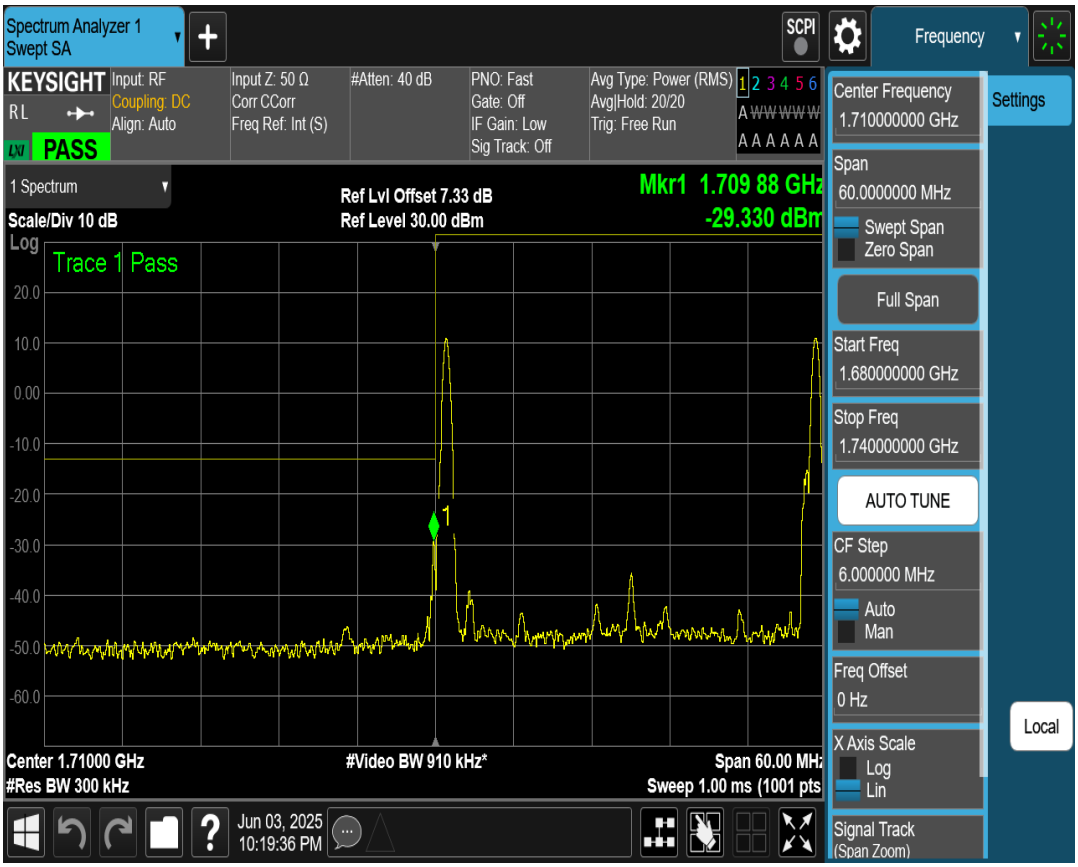


66C 16QAM PCC BW=20MHz Ch=66887 RB=1@0,SCC BW=15MHz Ch=67058 RB=1@74

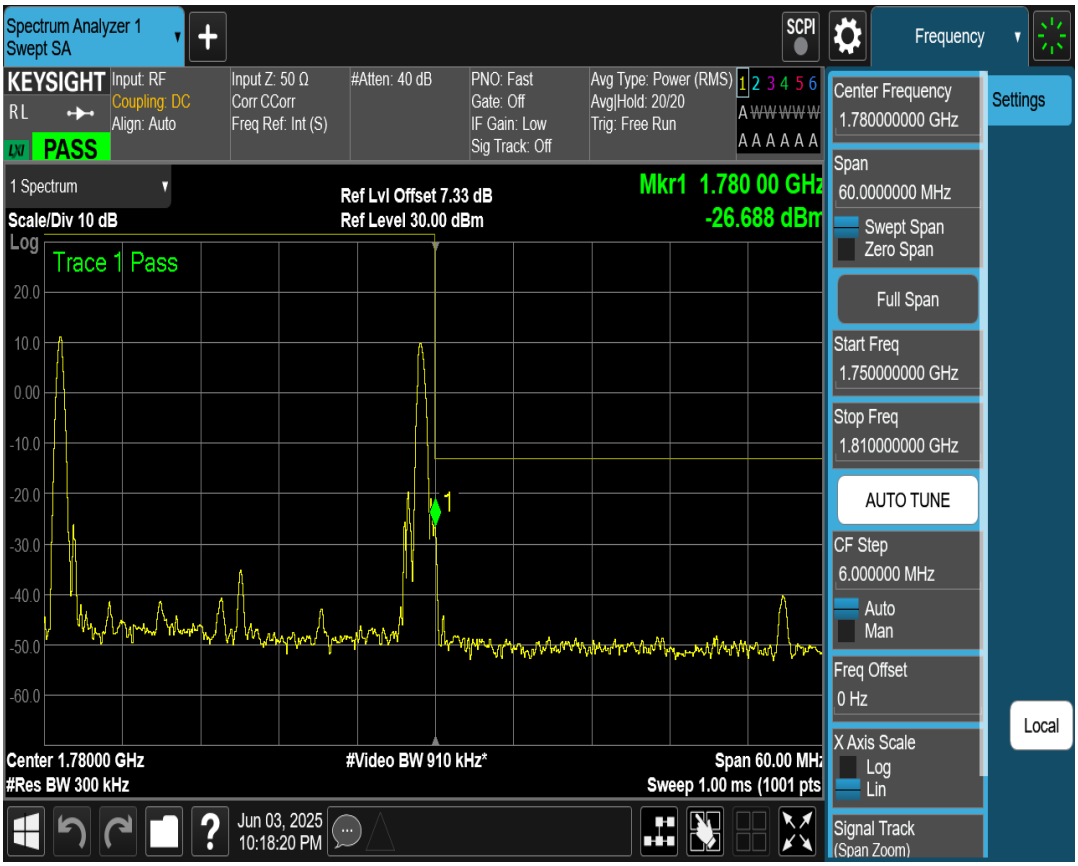


66C QPSK PCC BW=10MHz Ch=66892 RB=50@0,SCC BW=20MHz Ch=67036 RB=100@0

66C QPSK PCC BW=15MHz Ch=66511 RB=1@0,SCC BW=15MHz Ch=66661 RB=1@74



66C QPSK PCC BW=10MHz Ch=66892 RB=1@0,SCC BW=20MHz Ch=67036 RB=1@99



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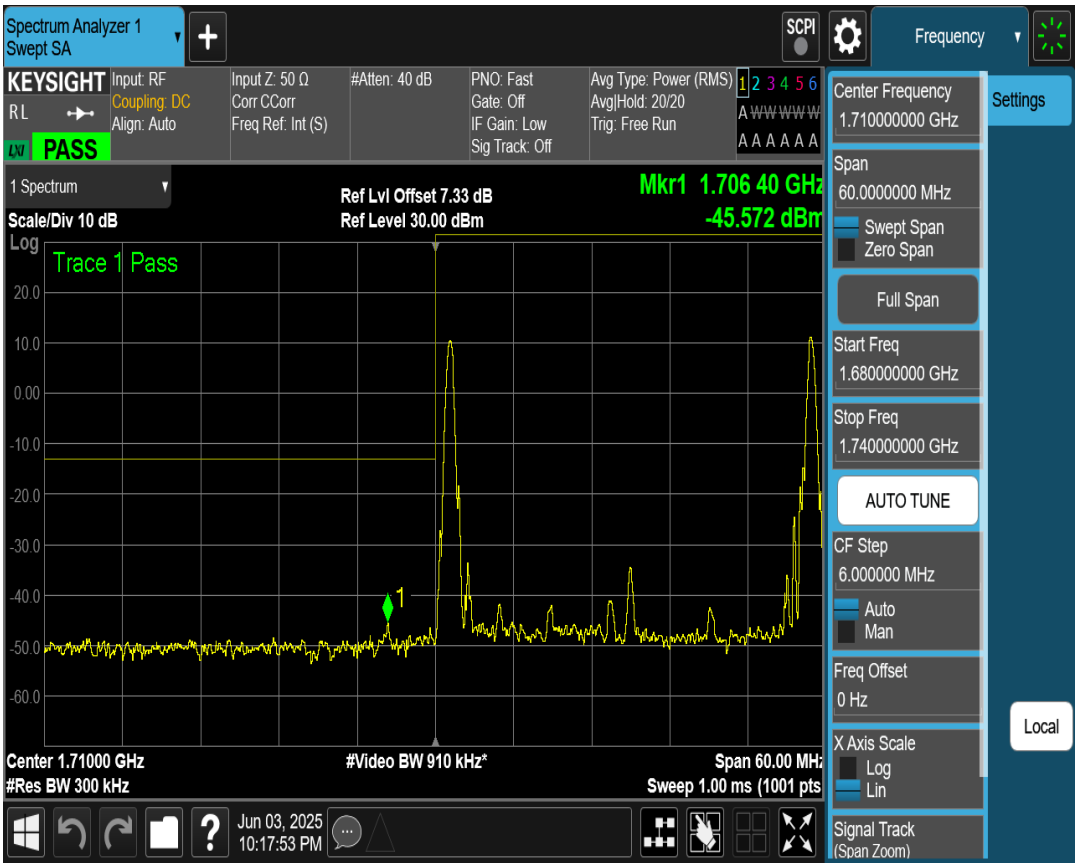
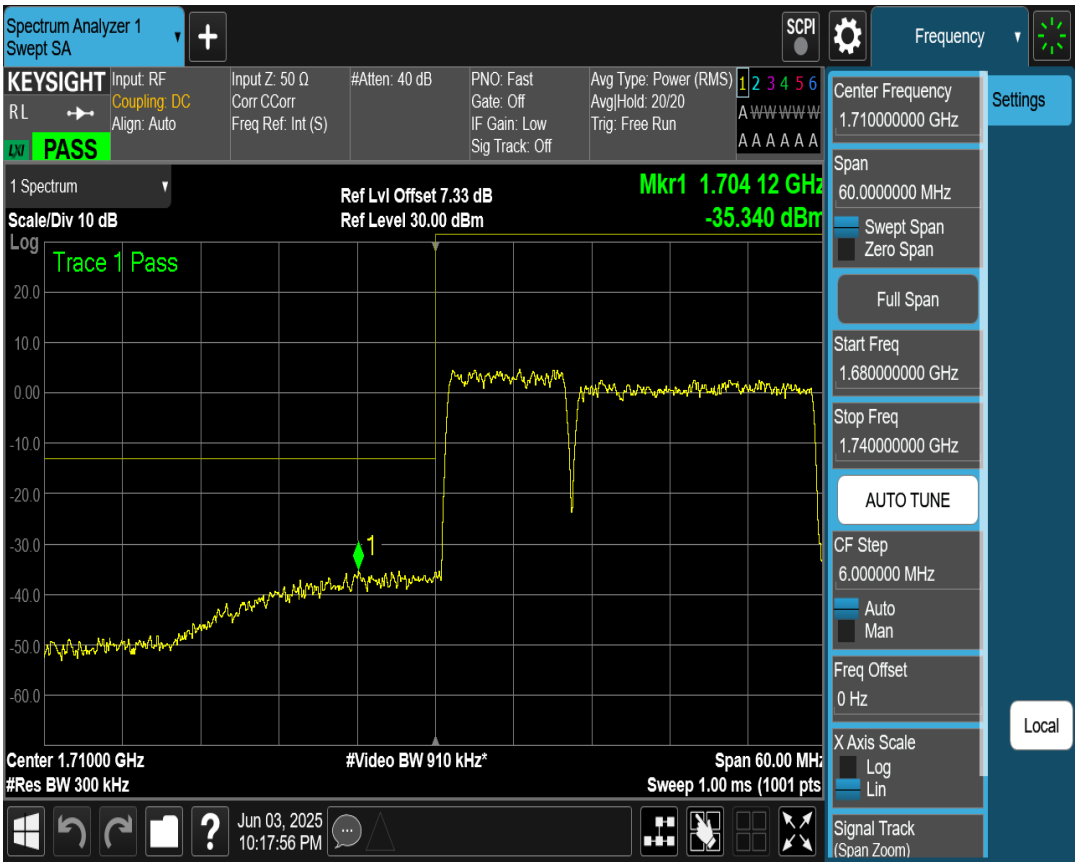
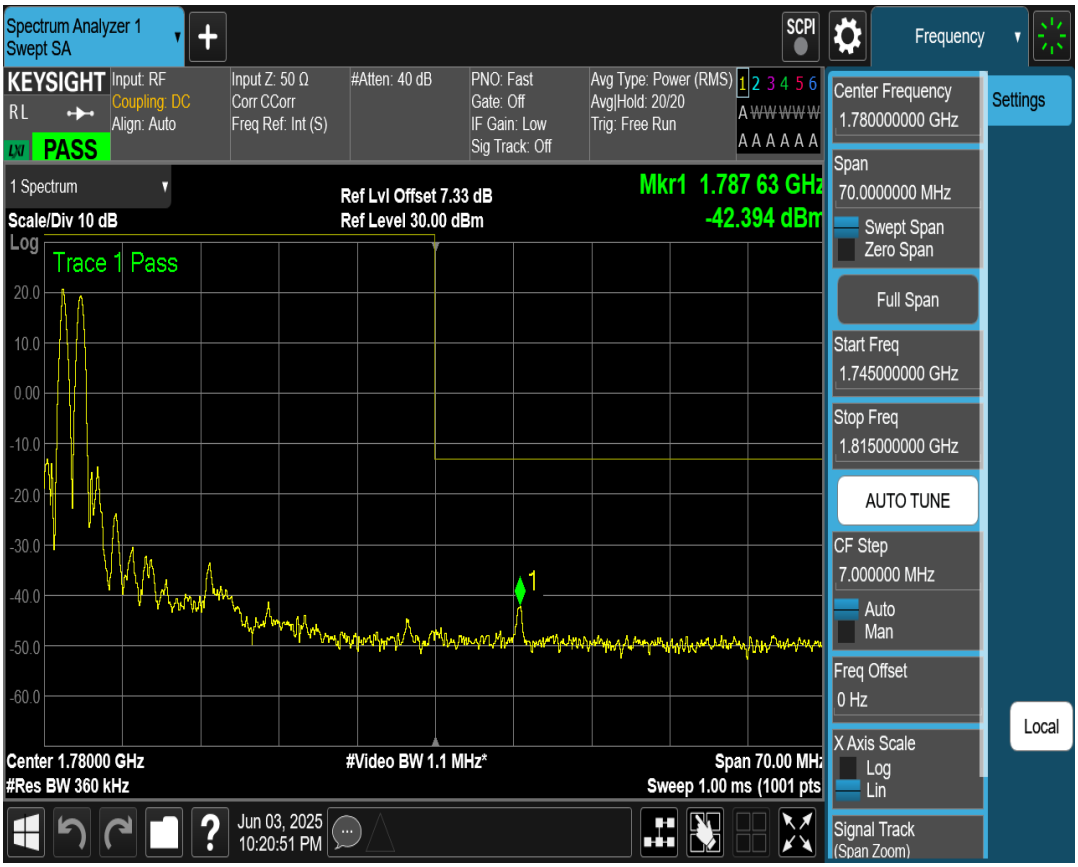


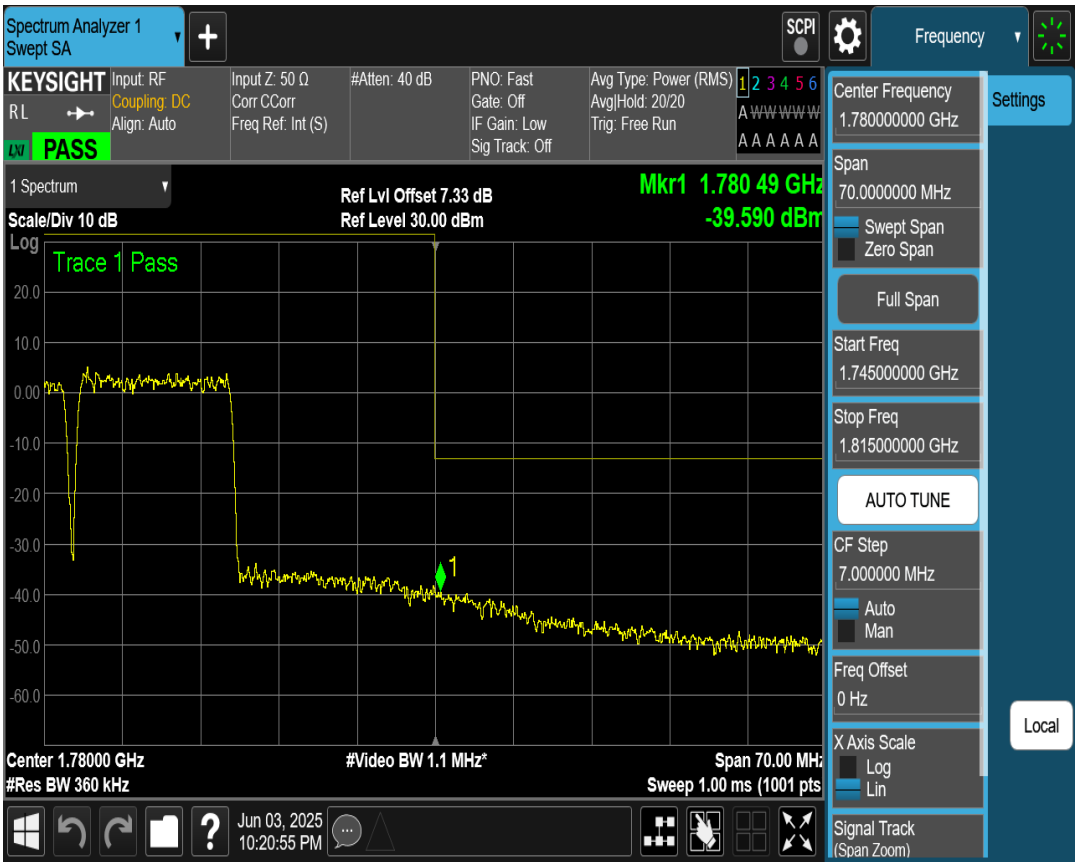
66C QPSK PCC BW=10MHz Ch=66491 RB=50@0,SCC BW=20MHz Ch=66635 RB=100@0



66C QPSK PCC BW=15MHz Ch=66885 RB=1@0,SCC BW=20MHz Ch=67036 RB=1@99



66C QPSK PCC BW=15MHz Ch=66885 RB=75@0,SCC BW=20MHz Ch=67036 RB=100@0



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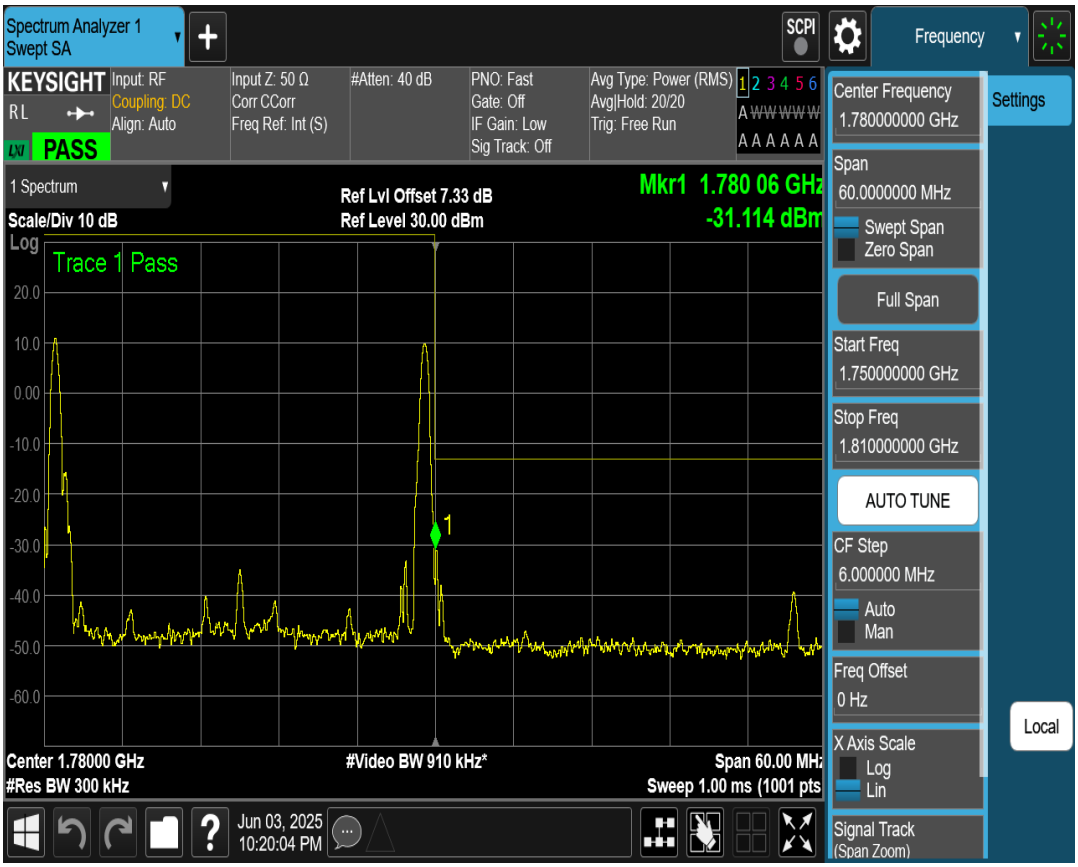

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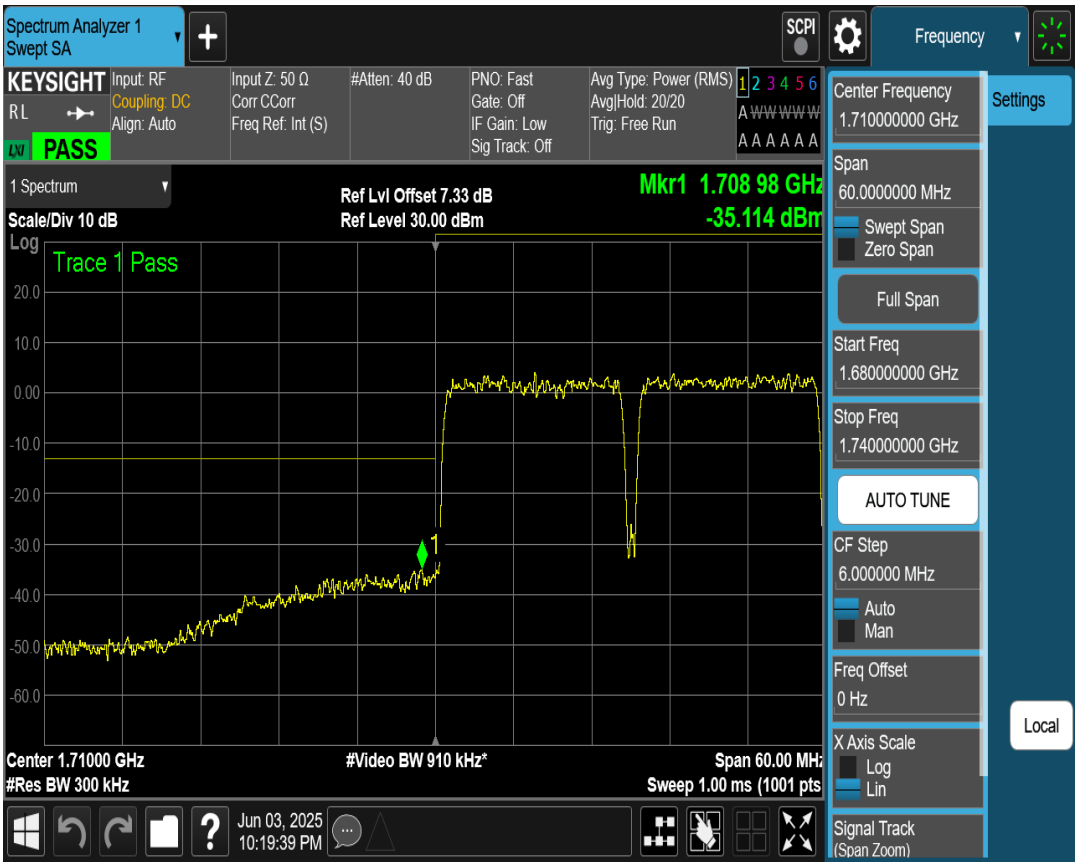
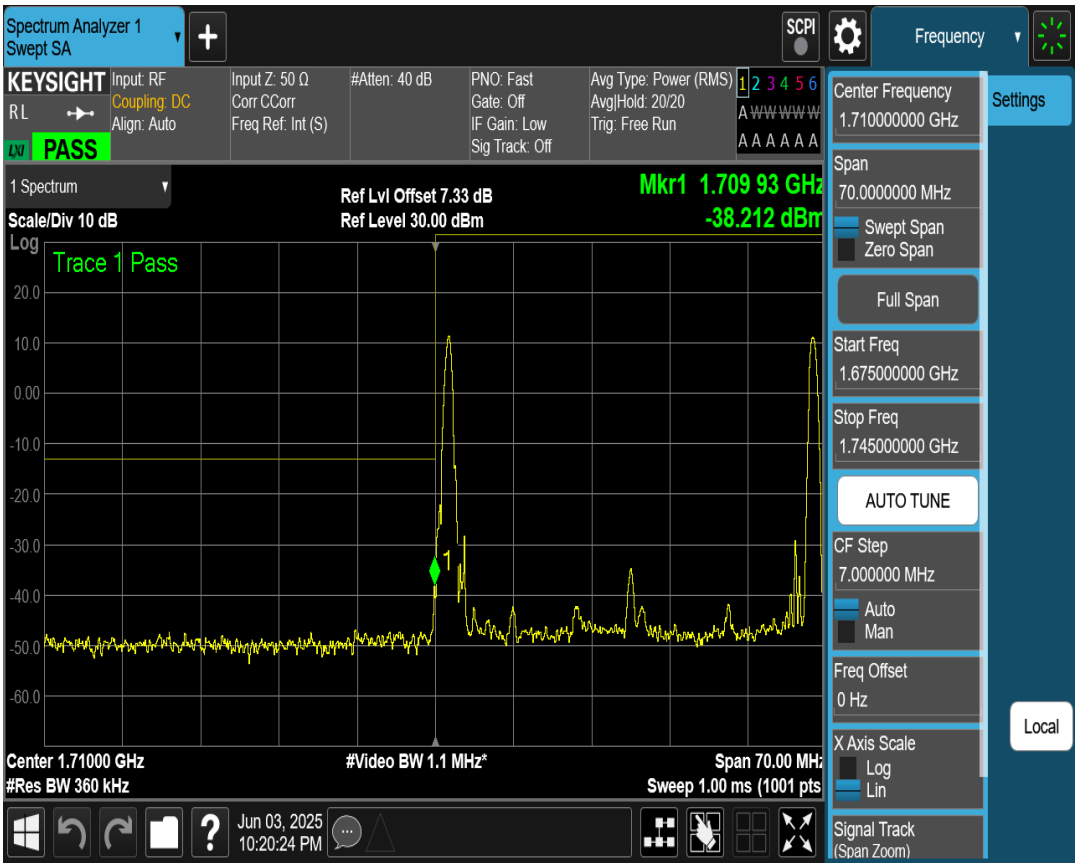
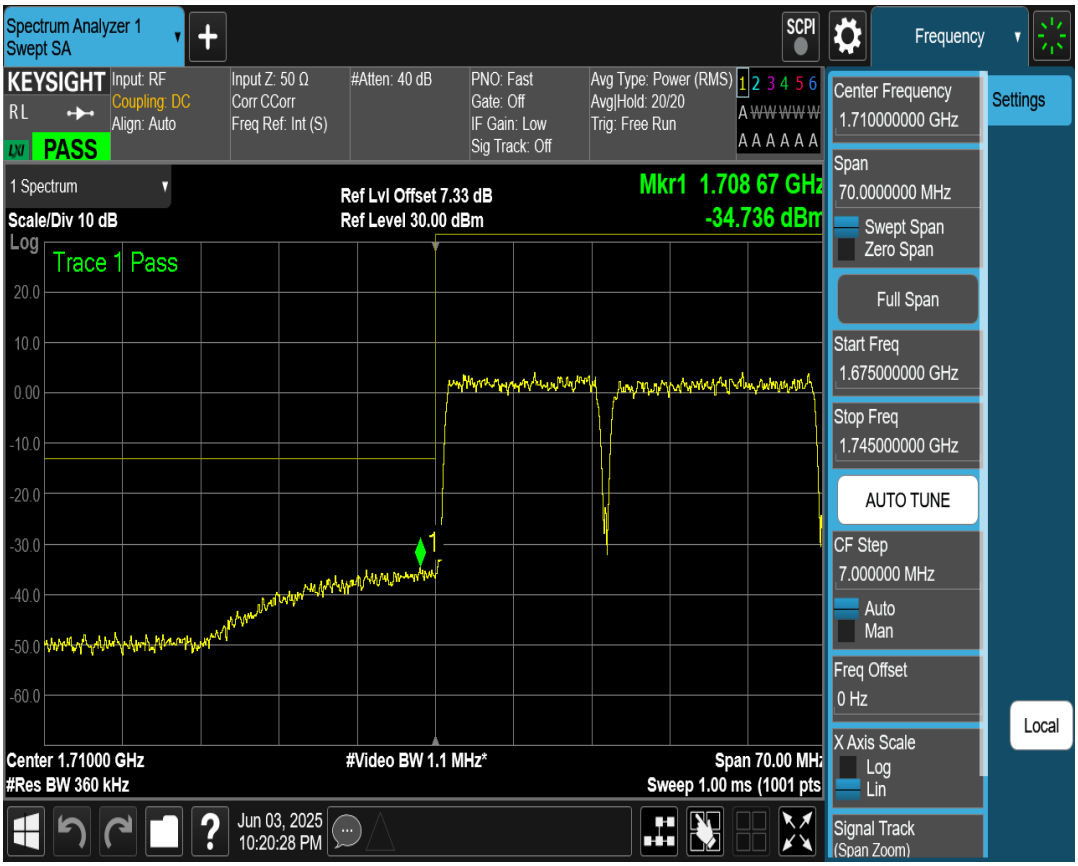


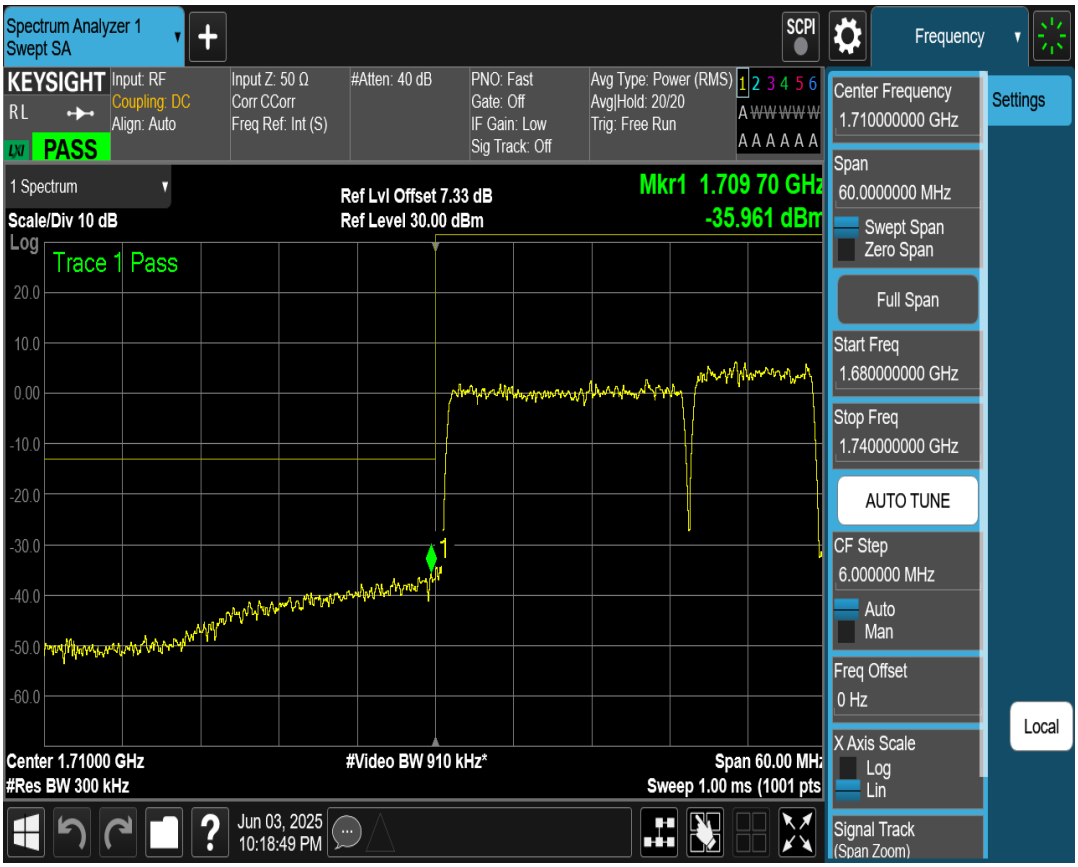
66C QPSK PCC BW=15MHz Ch=66514 RB=1@0,SCC BW=20MHz Ch=66685 RB=1@99



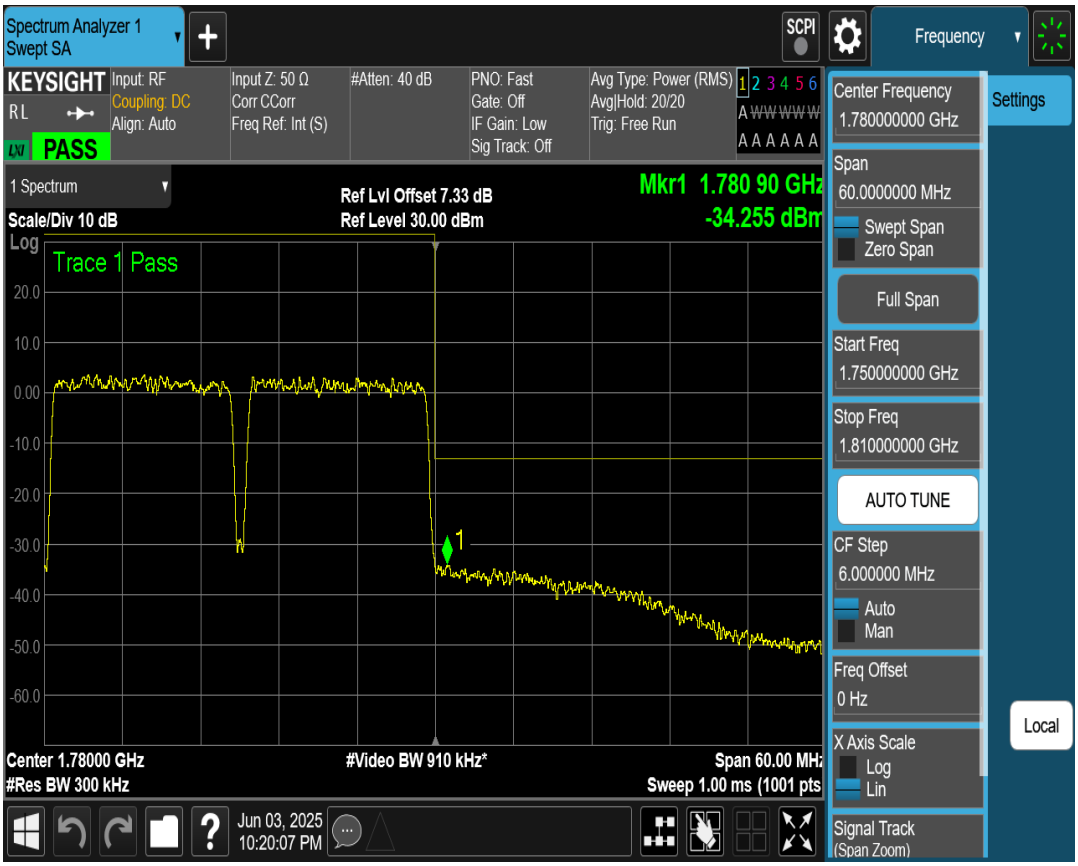
66C QPSK PCC BW=15MHz Ch=66514 RB=75@0,SCC BW=20MHz Ch=66685 RB=100@0



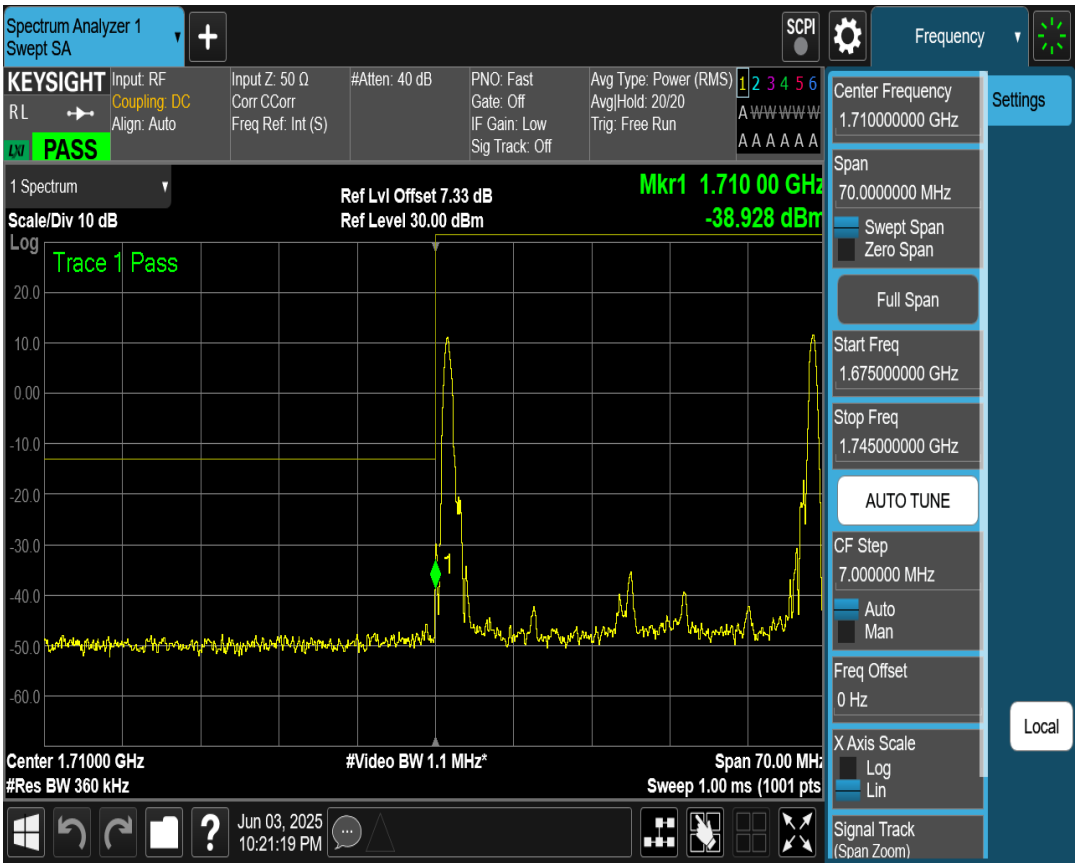
66C QPSK PCC BW=20MHz Ch=66536 RB=100@0,SCC BW=10MHz Ch=66680 RB=50@0



66C QPSK PCC BW=15MHz Ch=66911 RB=75@0,SCC BW=15MHz Ch=67061 RB=75@0



66C QPSK PCC BW=20MHz Ch=66536 RB=1@0,SCC BW=15MHz Ch=66707 RB=1@74



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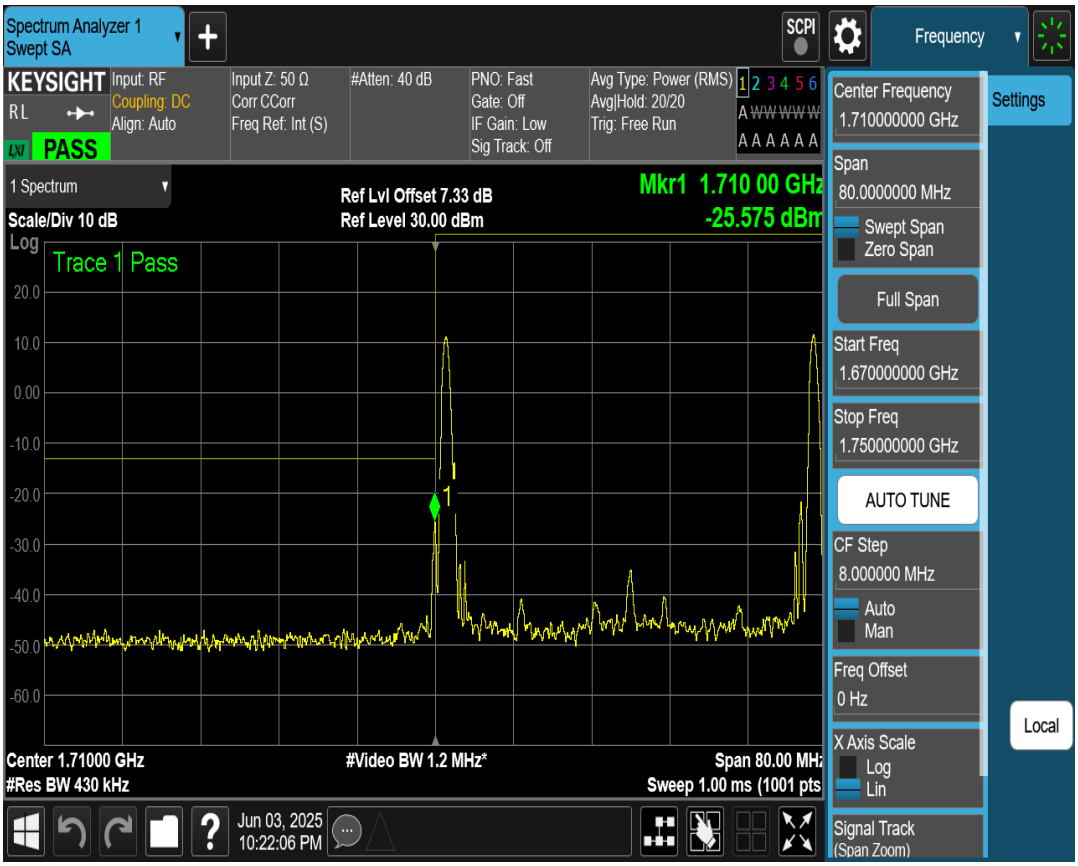
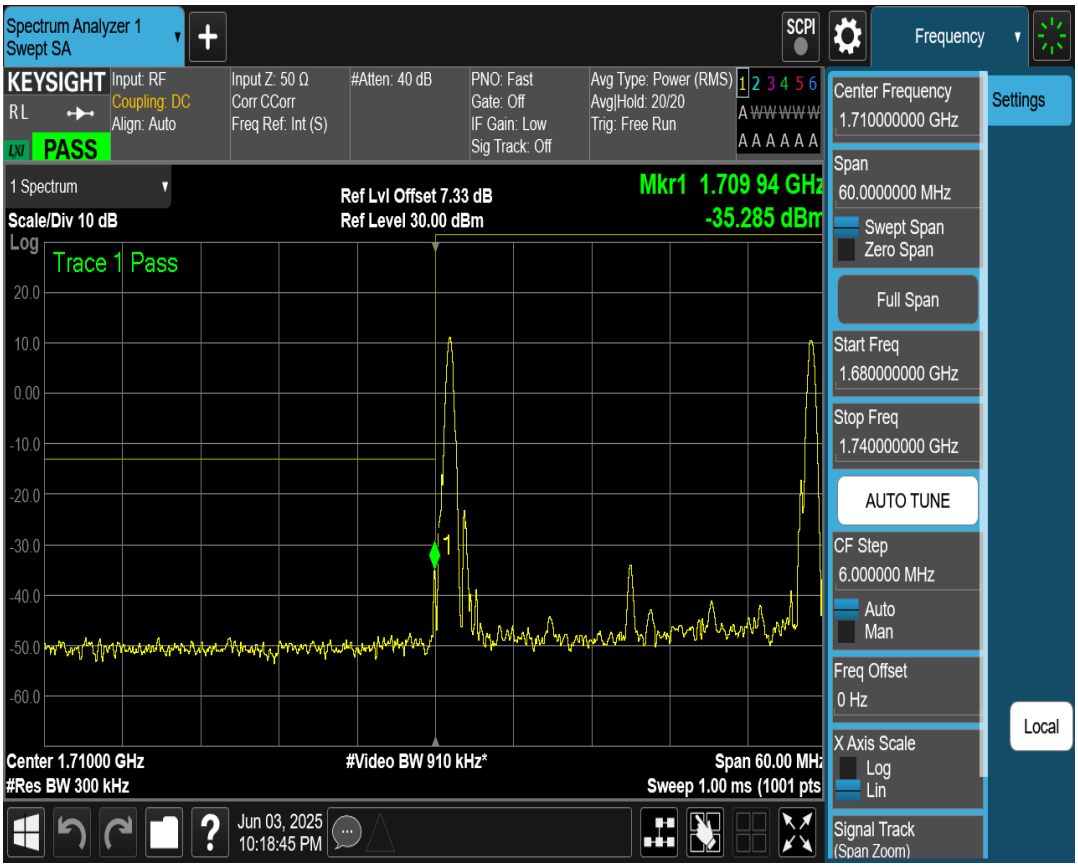


66C QPSK PCC BW=20MHz Ch=66536 RB=1@0,SCC BW=10MHz Ch=66680 RB=1@49



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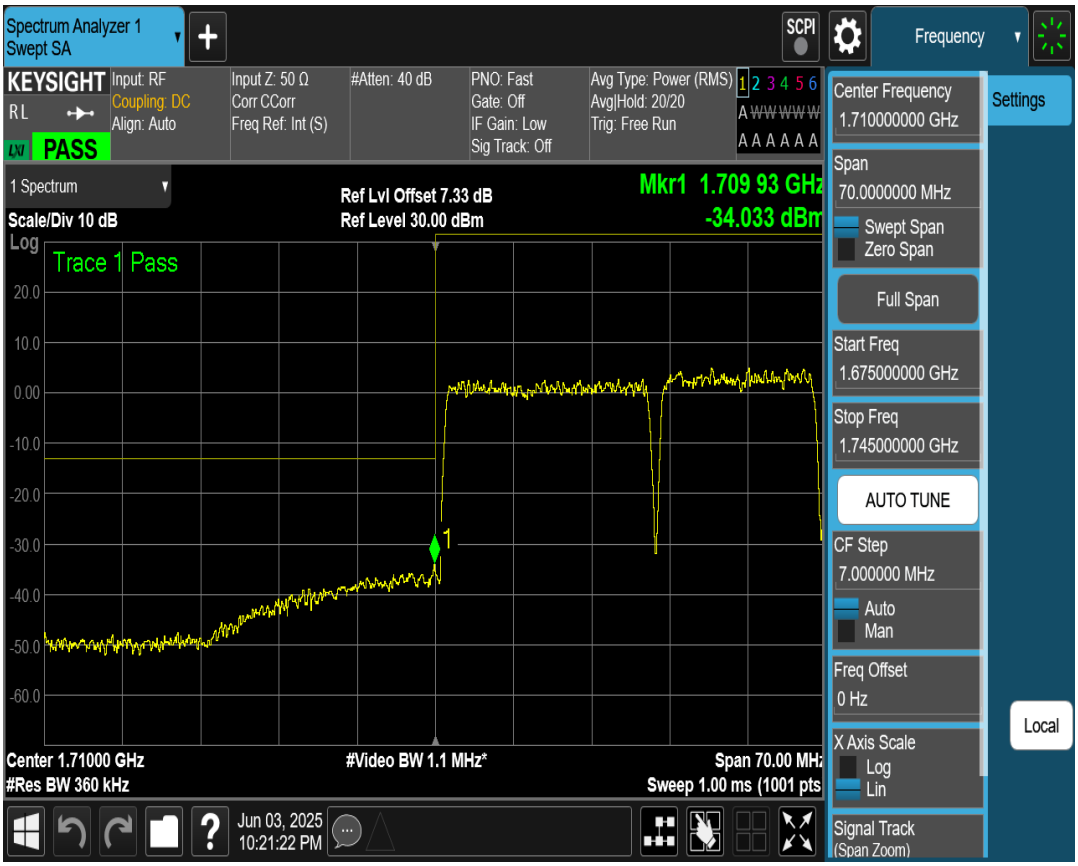
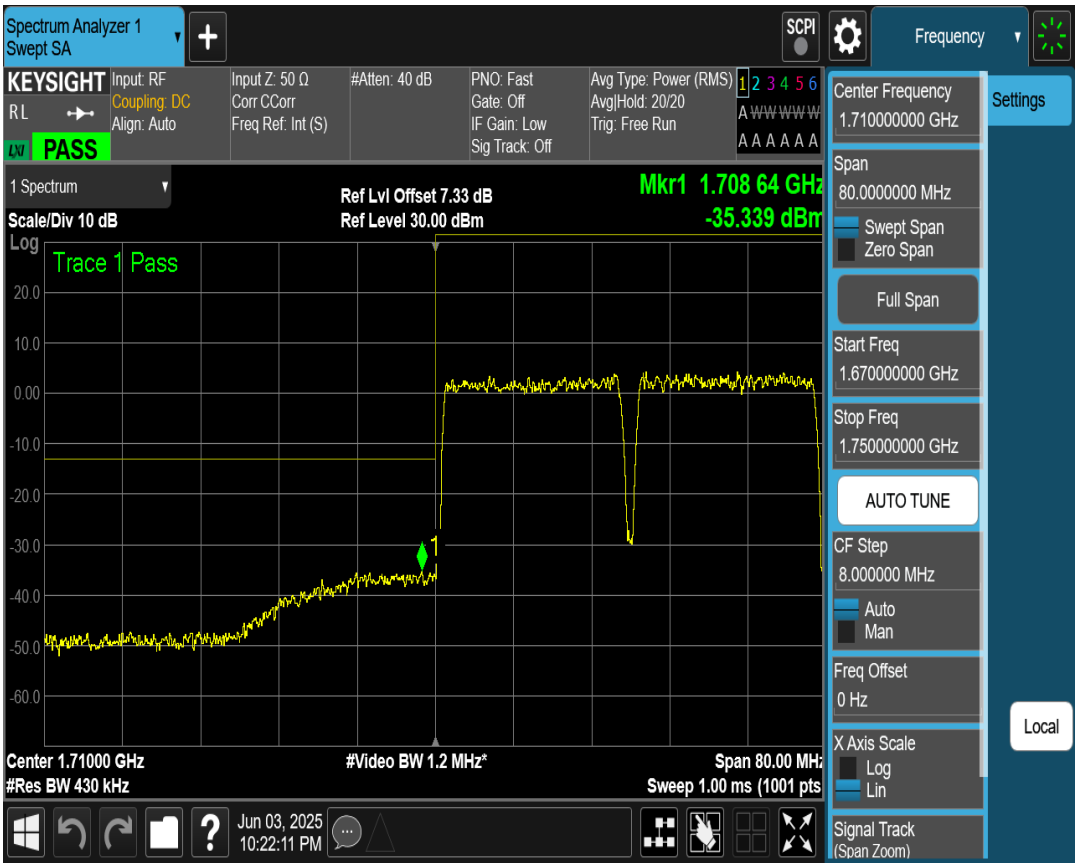
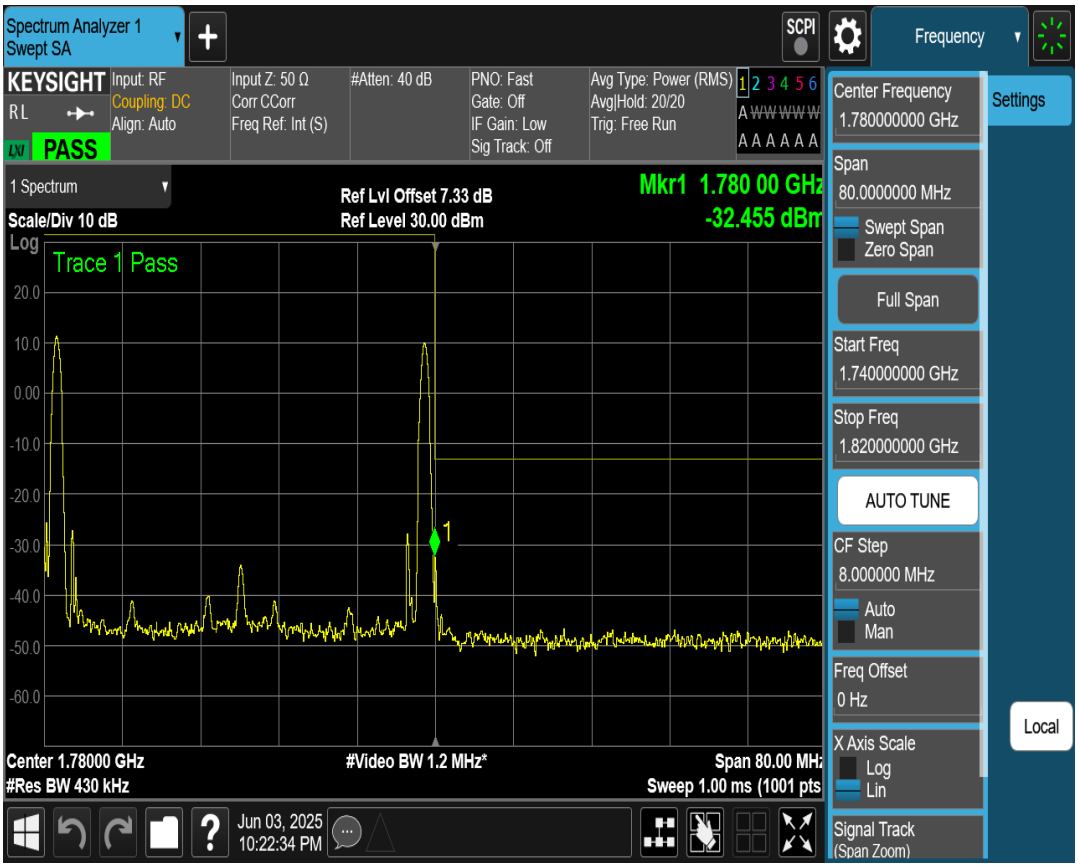


66C QPSK PCC BW=20MHz Ch=66536 RB=100@0,SCC BW=20MHz Ch=66734 RB=100@0

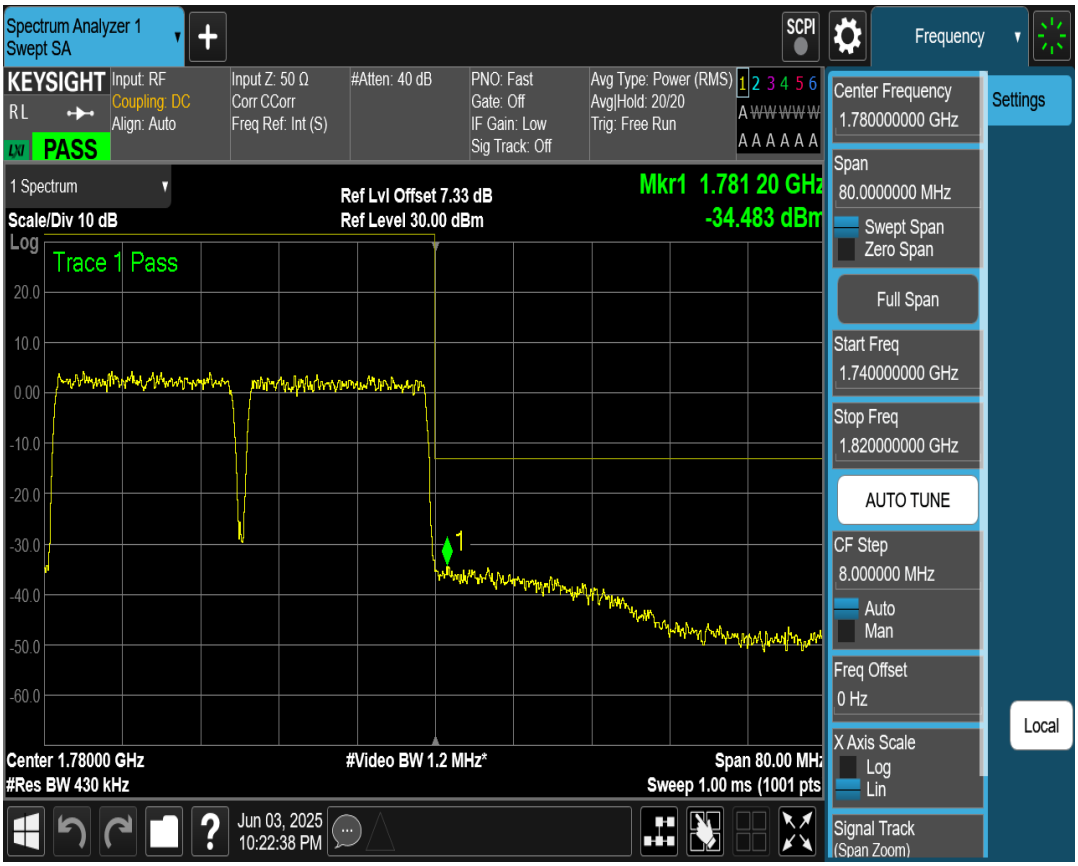


66C QPSK PCC BW=20MHz Ch=66887 RB=100@0,SCC BW=15MHz Ch=67058 RB=75@0

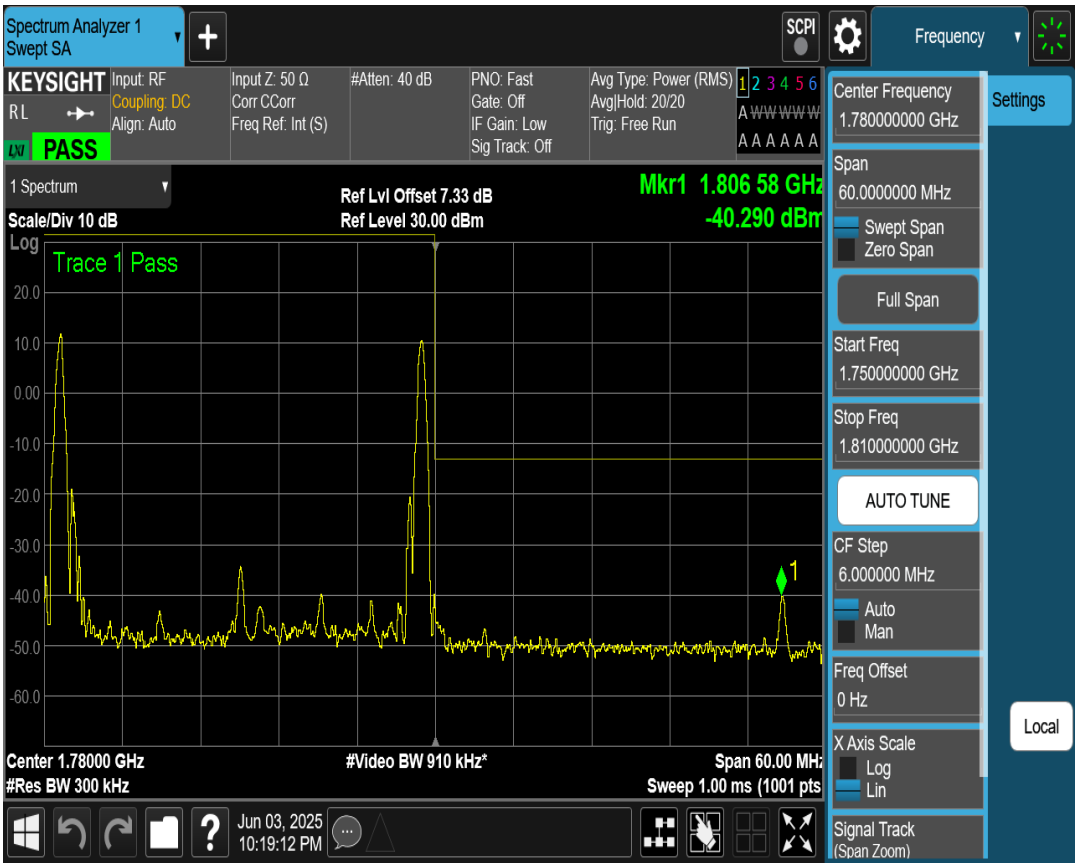
66C QPSK PCC BW=20MHz Ch=66838 RB=1@0,SCC BW=20MHz Ch=67036 RB=1@99



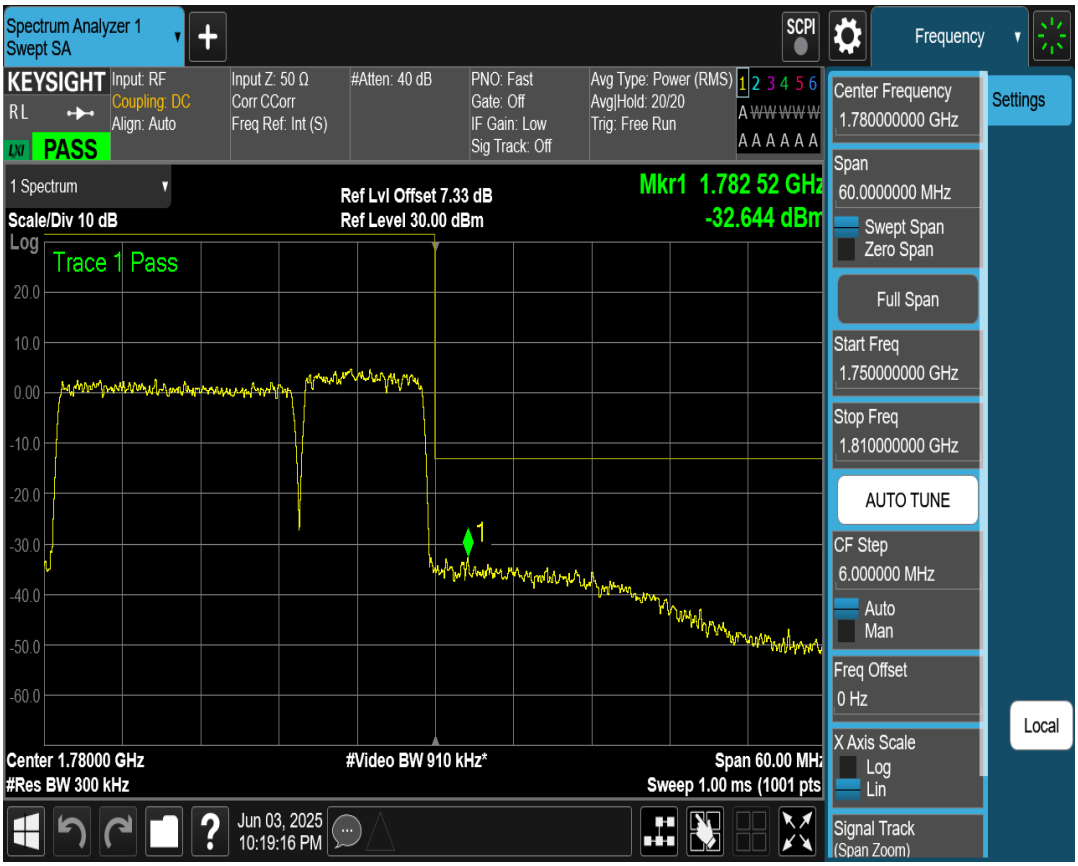
66C QPSK PCC BW=20MHz Ch=66838 RB=100@0,SCC BW=20MHz Ch=67036 RB=100@0



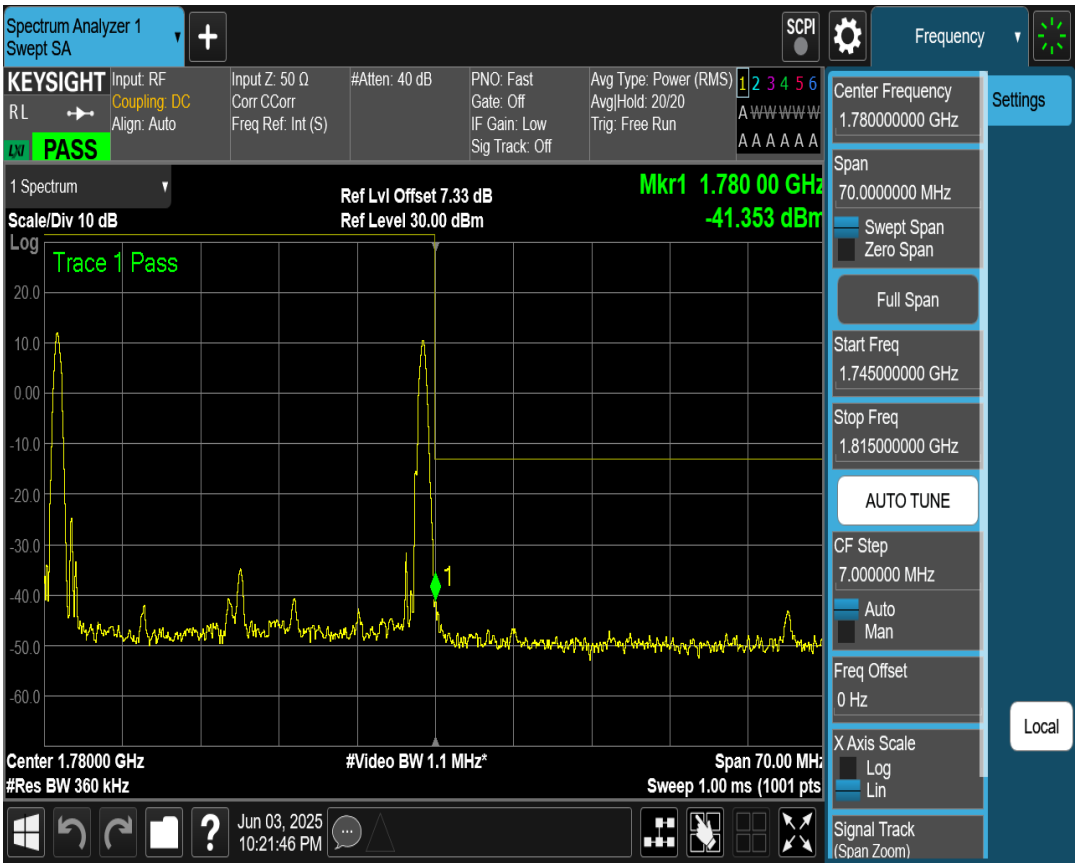
66C QPSK PCC BW=20MHz Ch=66937 RB=1@0,SCC BW=10MHz Ch=67081 RB=1@49



66C QPSK PCC BW=20MHz Ch=66937 RB=100@0,SCC BW=10MHz Ch=67081 RB=50@0



66C QPSK PCC BW=20MHz Ch=66887 RB=1@0,SCC BW=15MHz Ch=67058 RB=1@74


Spectrum Analyzer 1
Swept SA
SCPI
Frequency
KEYSIGHT
RL
PASS
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
#Atten: 40 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 20/20
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 7.33 dB
Ref Level 30.00 dBm
Mkr1 1.780 00 GHz
-41.353 dBm
Trace 1 Pass
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 1.78000 GHz
#Res BW 360 kHz
#Video BW 1.1 MHz*
Span 70.00 MHz
Sweep 1.00 ms (1001 pts
Jun 03, 2025
10:21:46 PM
Center Frequency
1.780000000 GHz
Span
70.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
1.745000000 GHz
Stop Freq
1.815000000 GHz
AUTO TUNE
CF Step
7.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Settings
Local