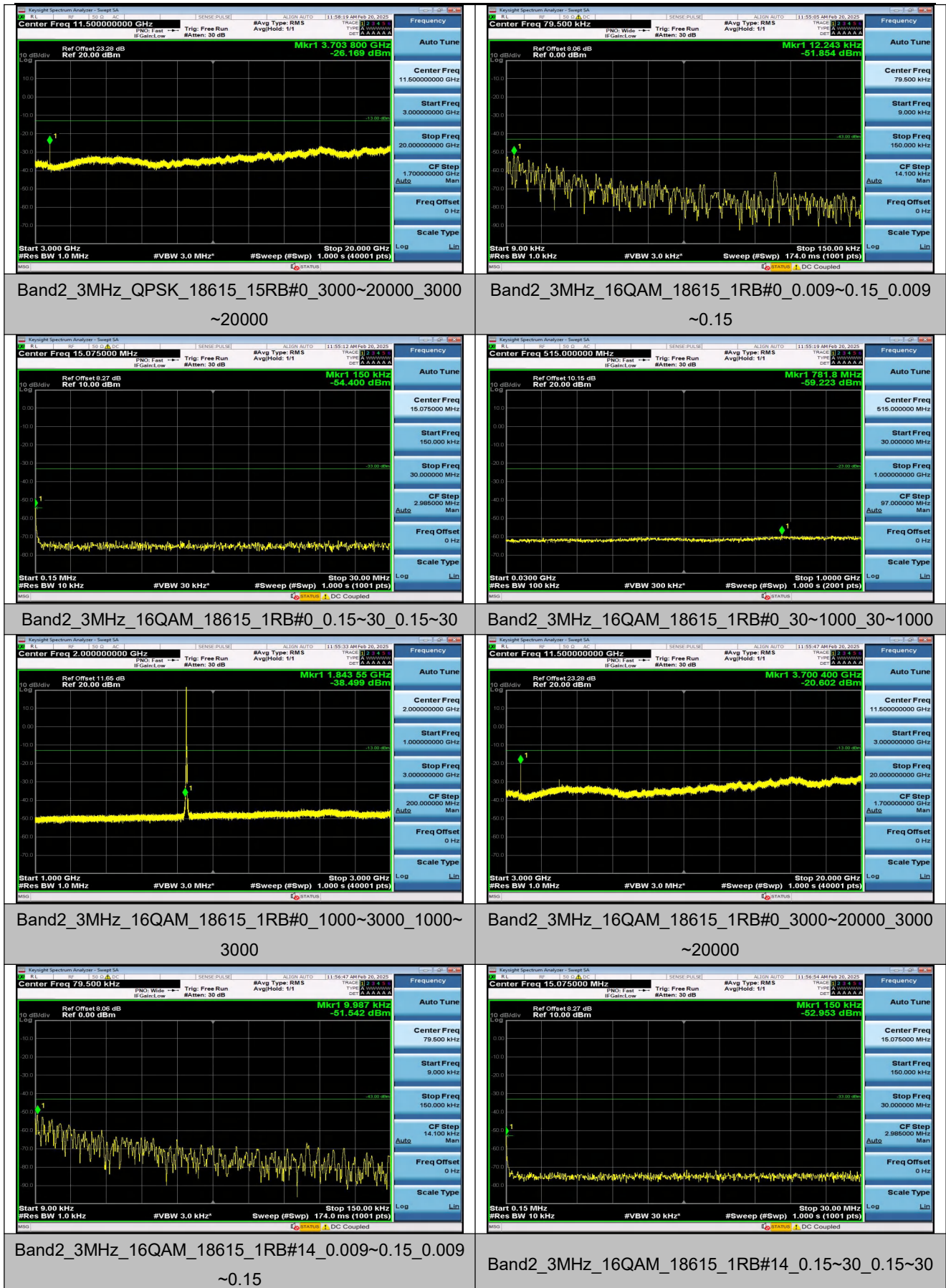
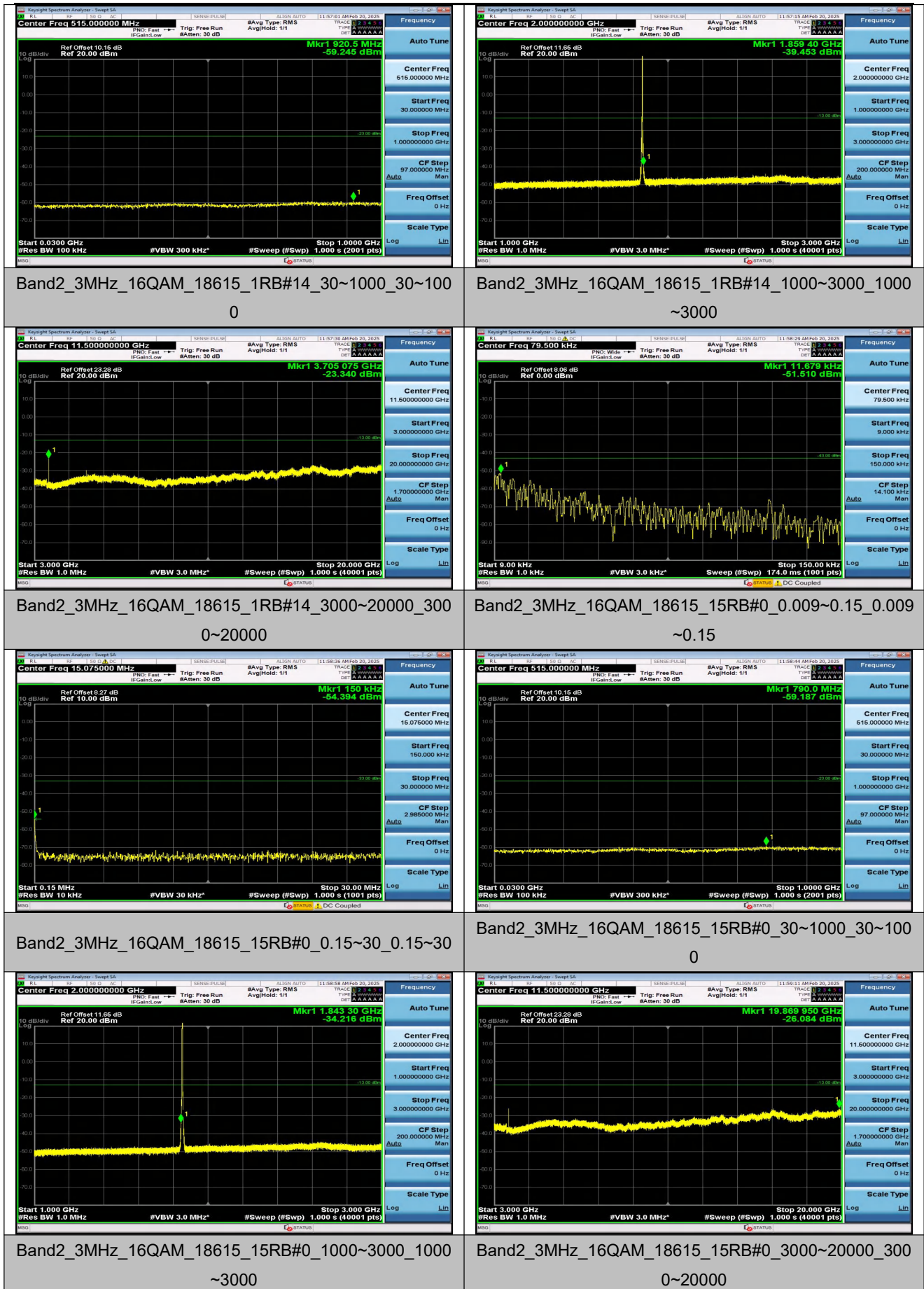






Keysight Spectrum Analyzer - Trace 5A

Center Freq 15.075000 MHz

Ref Offset 0.27 dB
Ref 10.00 cBm

Trig: Free Run
#Aber: 30 dB

Auto Freq AUTO
#Avg Type: RMS
Avg Hold: 1/1

15.07528 MHz Feb 26, 2025
TRACE 5A
TYPE A
DEF A

Mkr1 150 kHz
-65.436 dBm

10 dB/div
Log

Start 0.15 MHz
#Res BW 10 kHz
#VBW 30 kHz*

Stop 30.00 MHz
#Sweep (#Swp) 1.000 s (1001 pts)

Log LIn

Frequency

Auto Tune

Center Freq
15.075000 MHz

Span Freq
150.000 kHz

Stop Freq
30.000000 MHz

CF Step
2.985000 MHz
Auto Man

Freq Offset
0 Hz

Scale Type

Log LIn

STATUS DC Coupled

The screenshot shows a Keysight Spectrum Analyzer interface. The main display is a frequency spectrum plot with a vertical axis labeled 'dBm' ranging from -80 to 10 and a horizontal axis labeled 'MHz' ranging from 1.8 to 2.0. A prominent signal peak is visible at 1.872 GHz, with a power level of -40.283 dBm. The plot is titled 'Center Freq 1.872 20 GHz' and 'Mkr1 1.872 20 GHz -40.283 dBm'. The interface includes various control panels on the right for 'Frequency', 'Auto Tune', 'Start Freq', 'Stop Freq', 'CF Step', 'Freq Offset', 'Scale Type', and 'Log'. The bottom status bar displays parameters such as 'Start 1.000 GHz', 'Stop 3.000 GHz', 'RBW 1.0 MHz', 'VBW 3.0 MHz', and 'Sweep (Swp) 1.000 s (40001 pts)'.

Band2_3MHz_QPSK_18900_1RB#0_1000~3

000

Keysight Spectrum Analyzer - Sweep 3A

SENSE (PULSE)

Center Freq 79.500 kHz

PKW: Wide
IF Gain: Low

Trig: Free Run
#Atten: 30 dB

#Avg Type: RMS
AvgHold: 1/1

12:01:04 PM Feb 20, 2025

TRACE
TYPE: 3.000 kHz
SET: 3.000 kHz

Frequency

Auto Tune

Center Freq
79.500 kHz

Start Freq
9.000 kHz

Stop Freq
150.000 kHz

CF Step
14.100 kHz
Auto Man

Freq Offset
0 kHz

Scale Type
Log Lin

10 dBmV
Log

Ref Offset 9.06 dB
Ref 0.00 dBm

Mkr1 12.102 kHz
-61.938 dBm

-33.00 dBm

Start 9.00 kHz
#Res BW 1.0 kHz

#VBW 3.0 kHz

Sweep (#Swp) 174.0 ms (1001 pts)

Stop 150.00 kHz

Band2_3MHz_QPSK_18900_1RB#14_0.009~0.15_0.009~0.15

0.15

Keysight Spectrum Analyzer - Trace1_1A

Center Freq 515.000000 MHz

Ref Offset 10.15 dB
Ref 20.00 dBm

Mkr1 799.7 MHz
-59.12 dBm

Start 0.0300 GHz
#Res BW 100 kHz

#VBW 300 kHz

#Sweep (#Swp) 1.000 s (2001 pts)

Stop 1.0000 GHz

Frequency

Auto Tune

Center Freq
515.000000 MHz

Start Freq
30.000000 MHz

Stop Freq
1.000000000 GHz

CF Step
97.000000 MHz
Auto Man

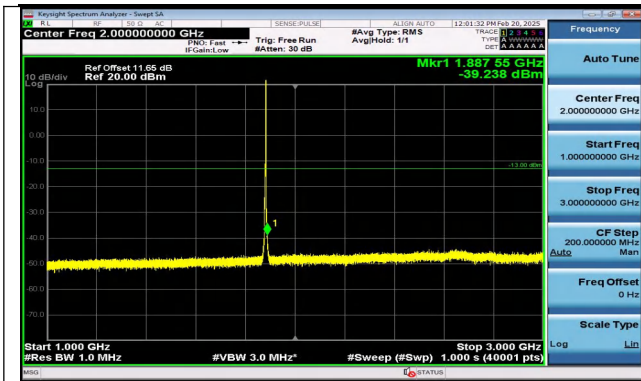
Freq Offset
0 Hz

Scale Type

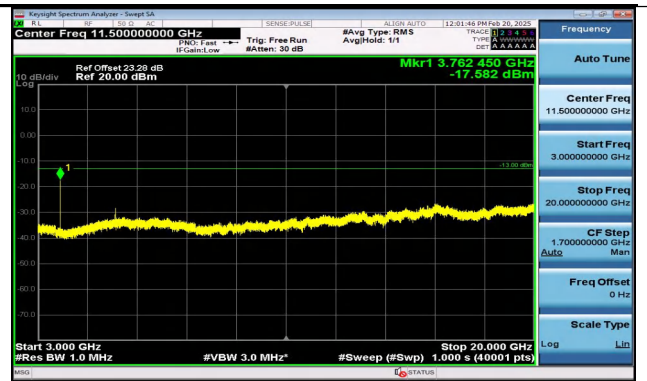
Log Lin

Band2_3MHz_QPSK_18900_1RB#14_0.15~30_0.15~30

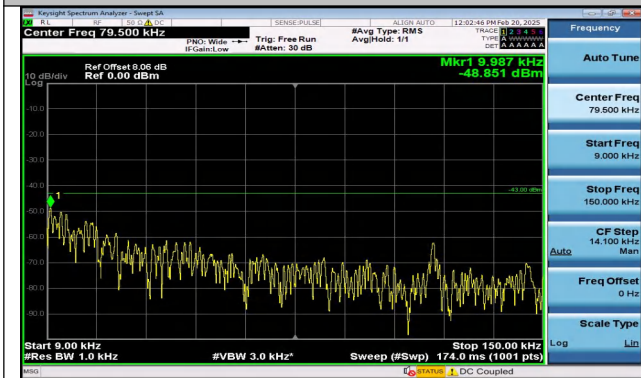
Band2_3MHz_QPSK_18900_1RB#14_30~1000_30~1000



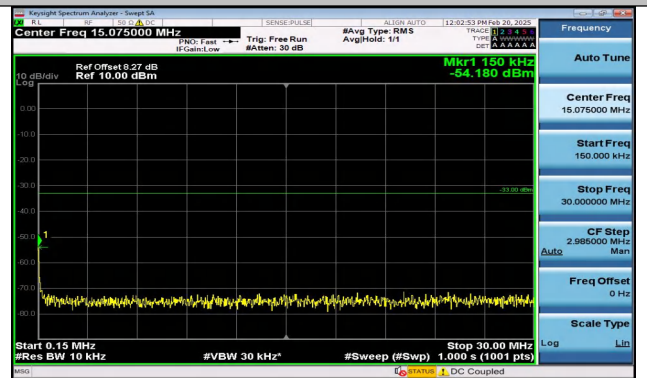
Band2_3MHz_QPSK_18900_1RB#14_1000~3000_1000~3000



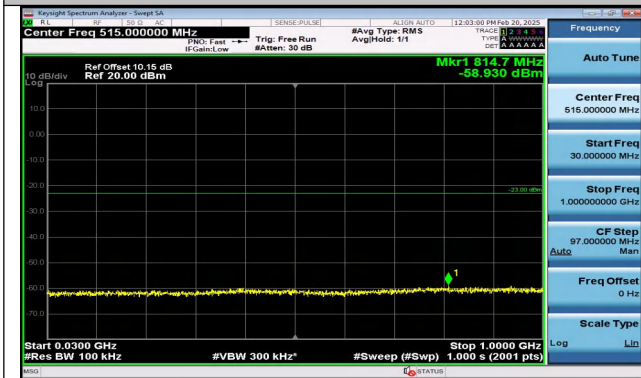
Band2_3MHz_QPSK_18900_1RB#14_3000~20000_3000~20000



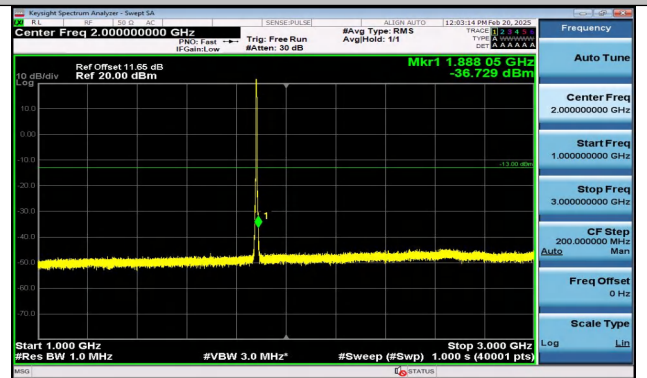
Band2_3MHz_QPSK_18900_15RB#0_0.009~0.15_0.009~0.15



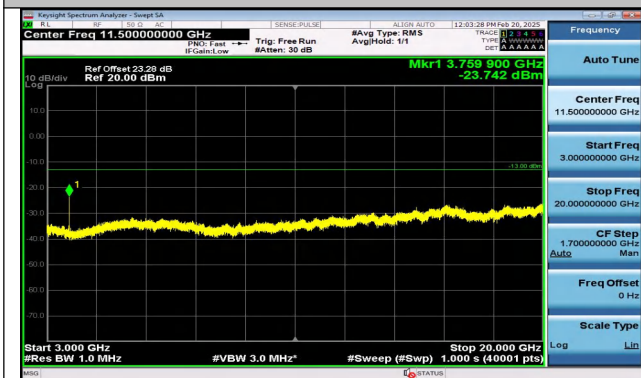
Band2_3MHz_QPSK_18900_15RB#0_0.15~30_0.15~30



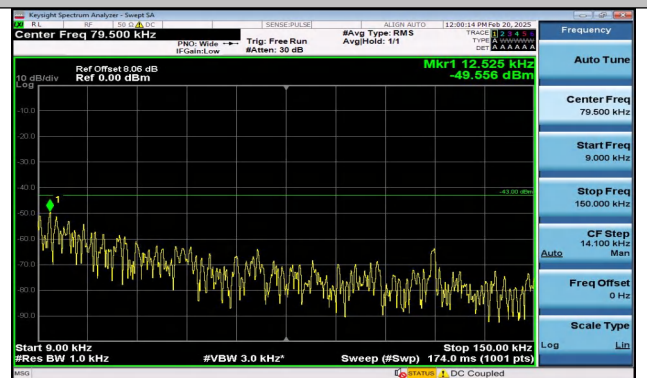
Band2_3MHz_QPSK_18900_15RB#0_30~1000_30~1000



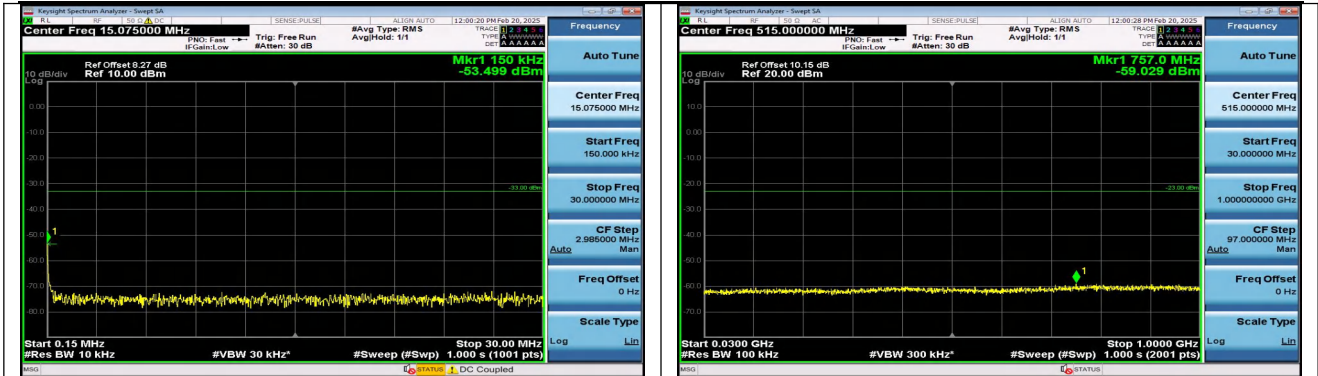
Band2_3MHz_QPSK_18900_15RB#0_1000~3000_1000~3000



Band2_3MHz_QPSK_18900_15RB#0_3000~20000_3000~20000

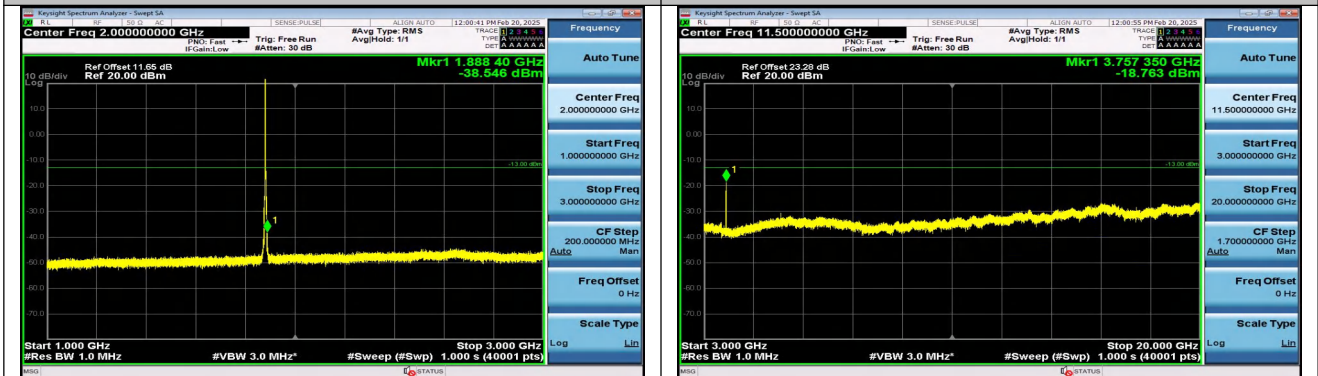


Band2_3MHz_16QAM_18900_1RB#0_0.009~0.15_0.009~0.15



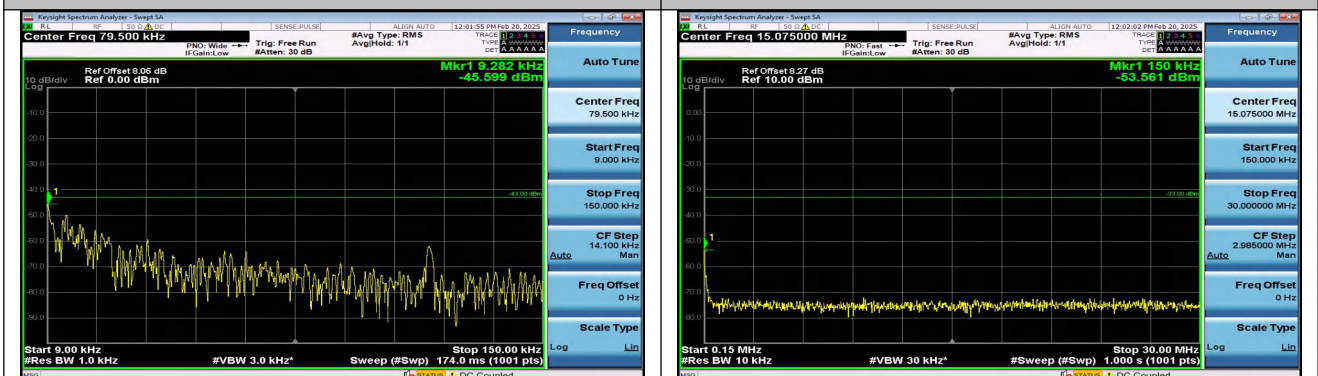
Band2_3MHz_16QAM_18900_1RB#0_0.15~30

Band2_3MHz_16QAM_18900_1RB#0_30~1000



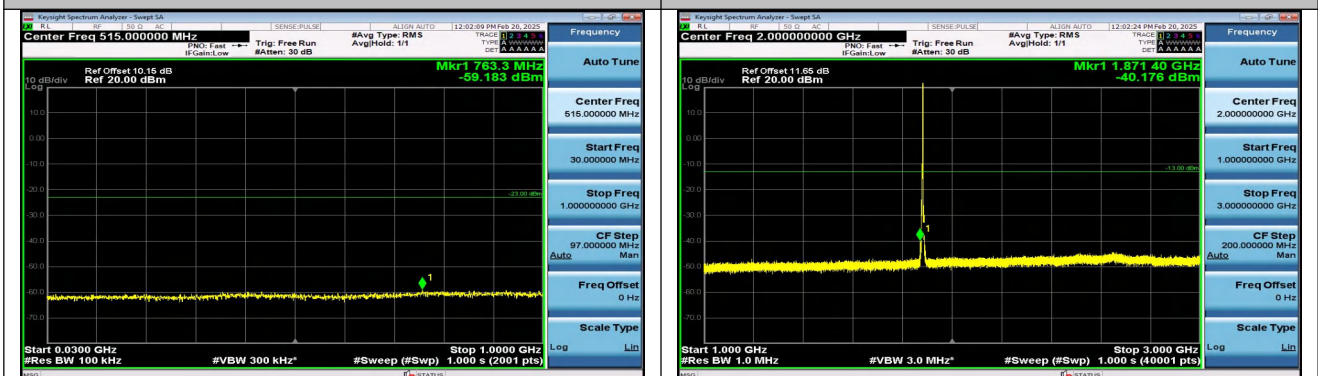
Band2_3MHz_16QAM_18900_1RB#0_1000~3000_1000~3000

Band2_3MHz_16QAM_18900_1RB#0_3000~20000_3000~20000



Band2_3MHz_16QAM_18900_1RB#14_0.009~0.15_0.009~0.15

Band2_3MHz_16QAM_18900_1RB#14_0.15~30_0.15~30

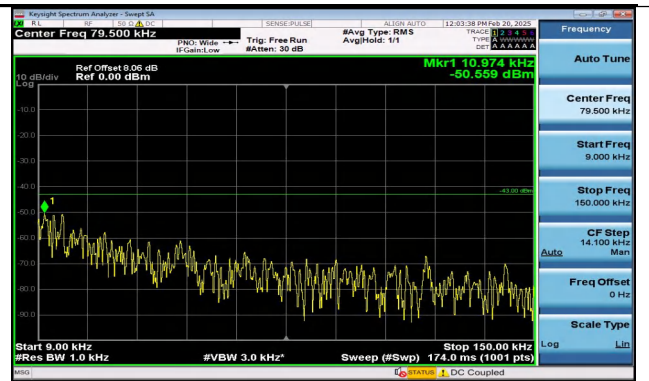


Band2_3MHz_16QAM_18900_1RB#14_30~1000_30~1000

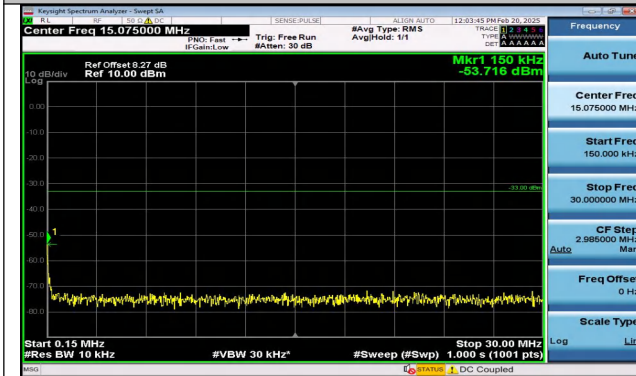
Band2_3MHz_16QAM_18900_1RB#14_1000~3000_1000~3000



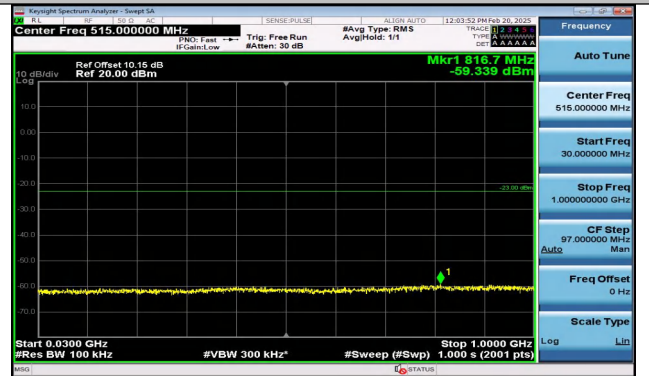
Band2_3MHz_16QAM_18900_1RB#14_3000~20000_300
0~20000



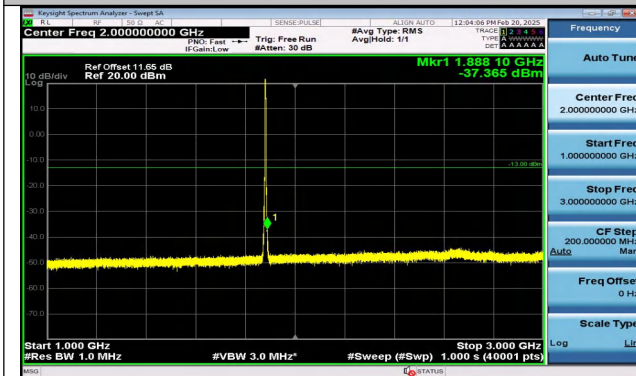
Band2_3MHz_16QAM_18900_15RB#0_0.009~0.15_0.009
~0.15



Band2_3MHz_16QAM_18900_15RB#0_0.15~30_0.15~30



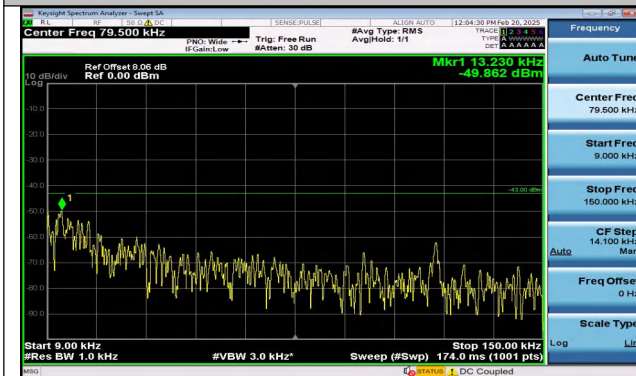
Band2_3MHz_16QAM_18900_15RB#0_30~1000_30~100
0



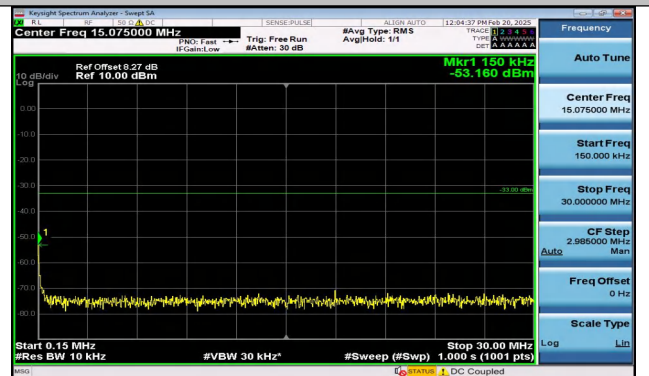
Band2_3MHz_16QAM_18900_15RB#0_1000~3000_1000
~3000



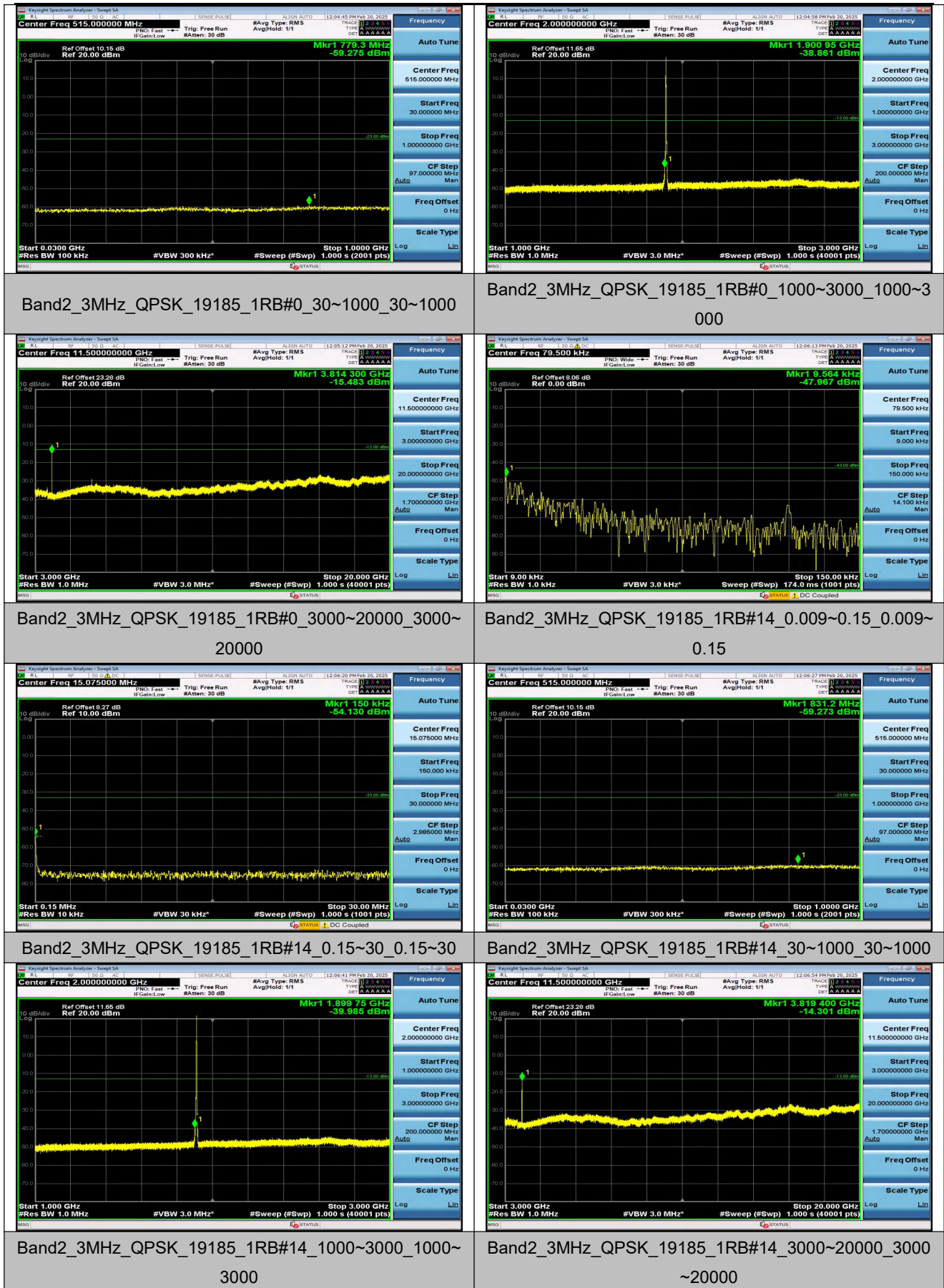
Band2_3MHz_16QAM_18900_15RB#0_3000~20000_300
0~20000

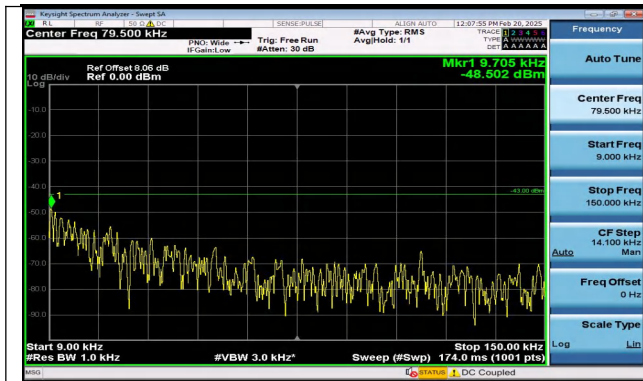


Band2_3MHz_QPSK_19185_1RB#0_0.009~0.15_0.009~0
.15

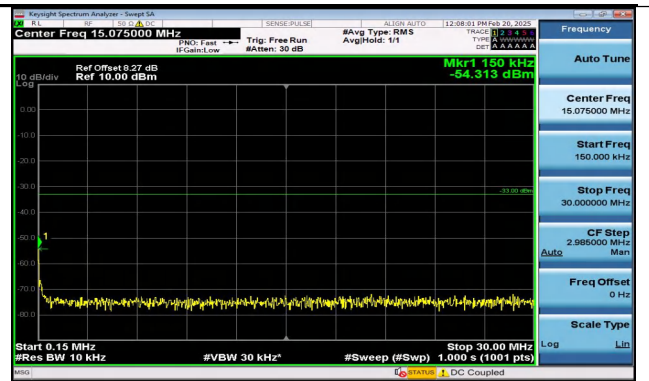


Band2_3MHz_QPSK_19185_1RB#0_0.15~30_0.15~30

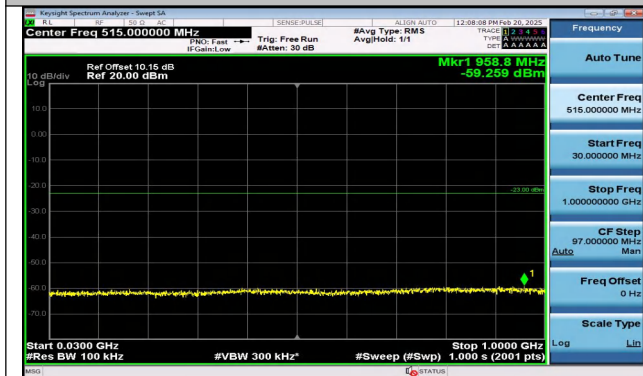




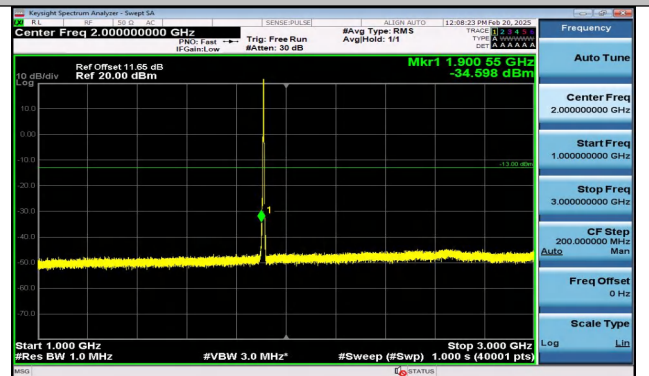
Band2_3MHz_QPSK_19185_15RB#0_0.009~0.15_0.009~0.15



Band2_3MHz_QPSK_19185_15RB#0_0.15~30_0.15~30



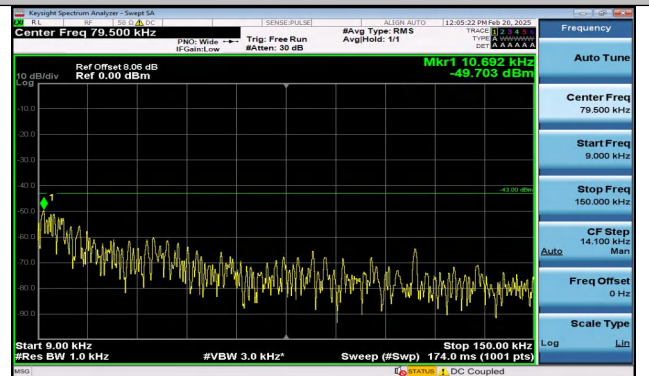
Band2_3MHz_QPSK_19185_15RB#0_30~1000_30~1000



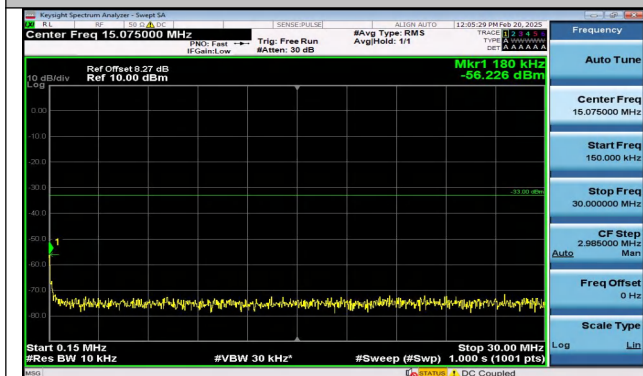
Band2_3MHz_QPSK_19185_15RB#0_1000~3000_1000~3000



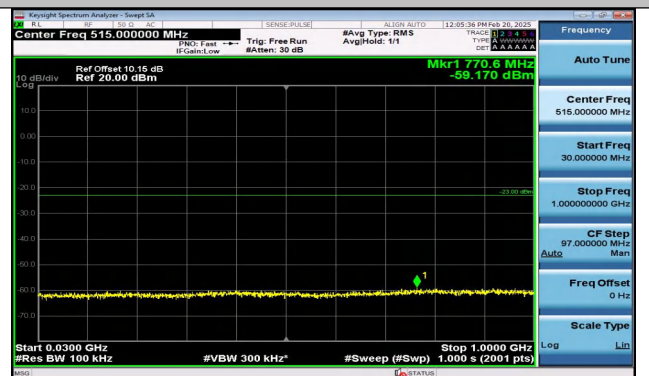
Band2_3MHz_QPSK_19185_15RB#0_3000~20000_3000~20000



Band2_3MHz_16QAM_19185_1RB#0_0.009~0.15_0.009~0.15



Band2_3MHz_16QAM_19185_1RB#0_0.15~30_0.15~30



Band2_3MHz_16QAM_19185_1RB#0_30~1000_30~1000