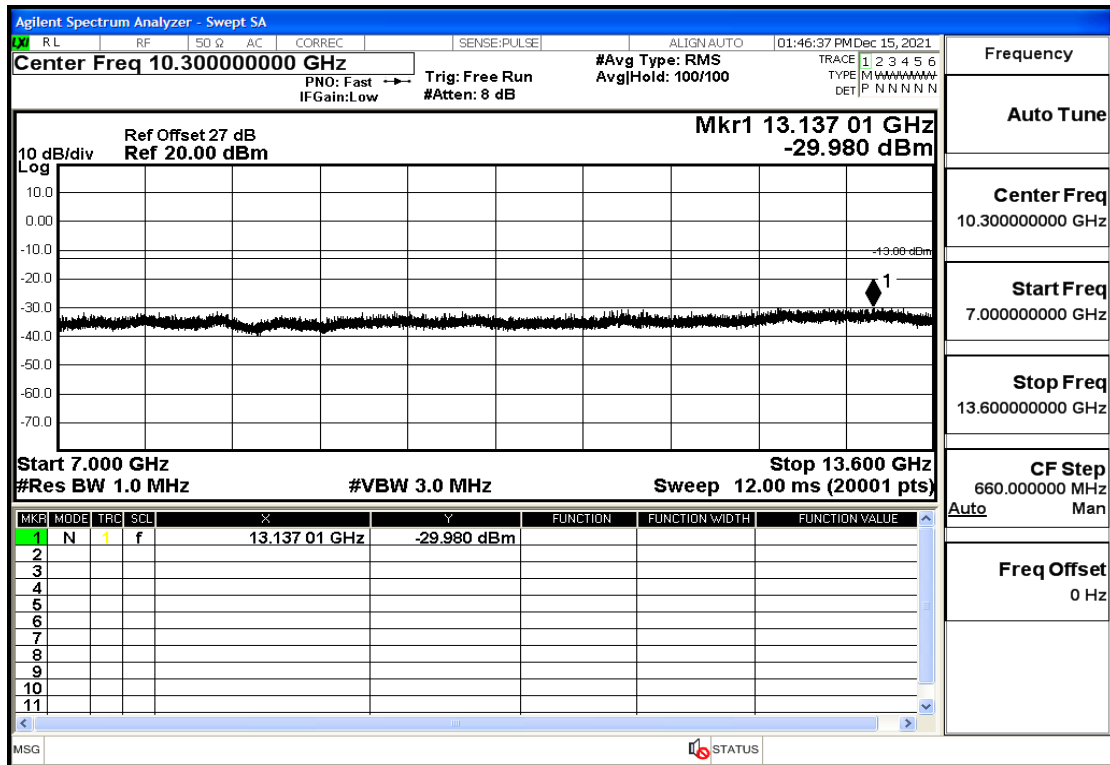
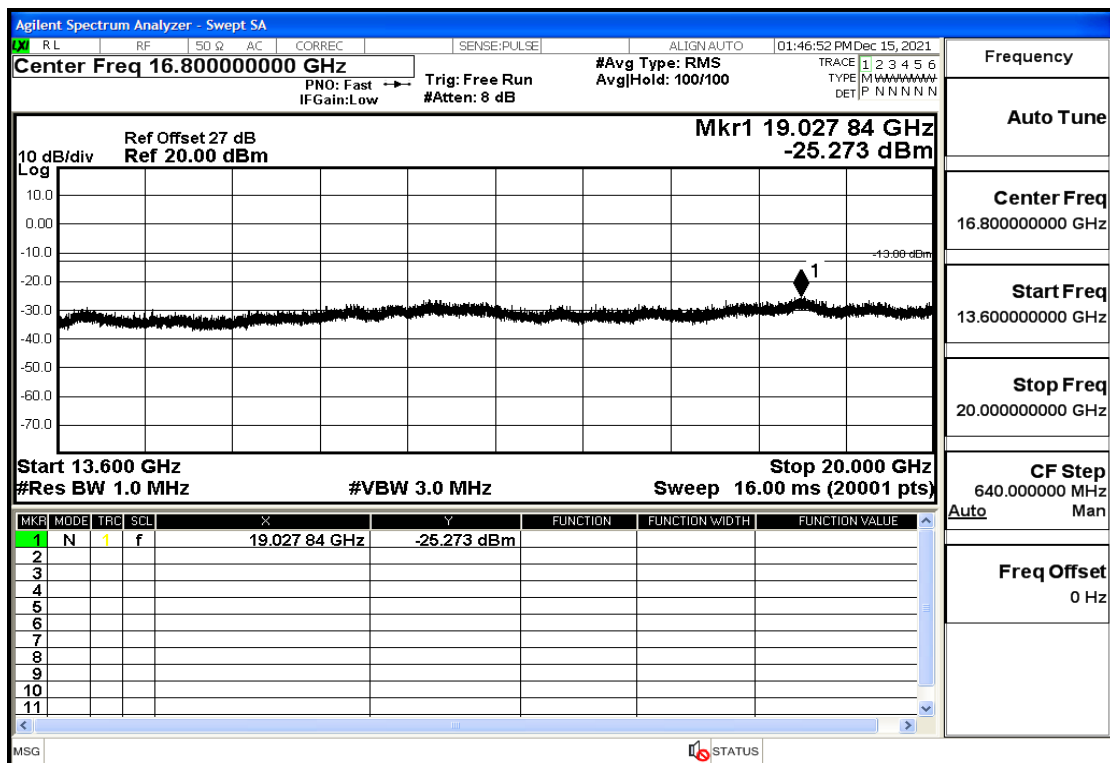


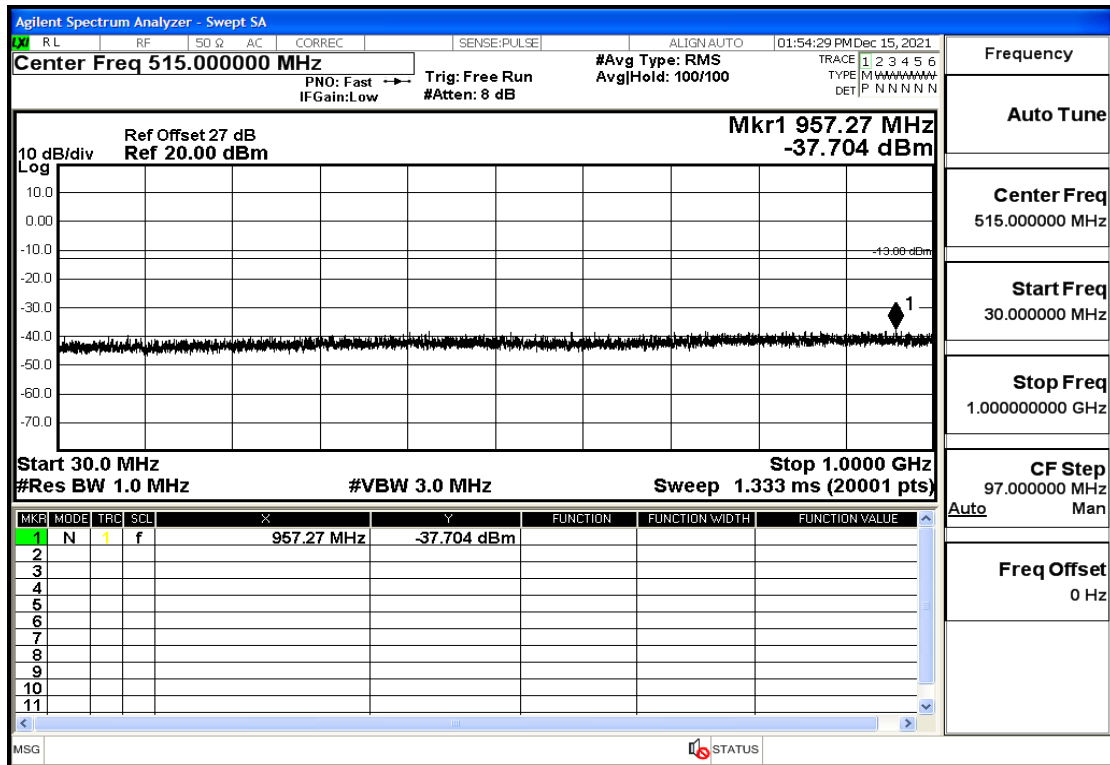
OB25-1.4-1914.3-QPSK-6#LOW@7GHz-13.6GHz@Pass



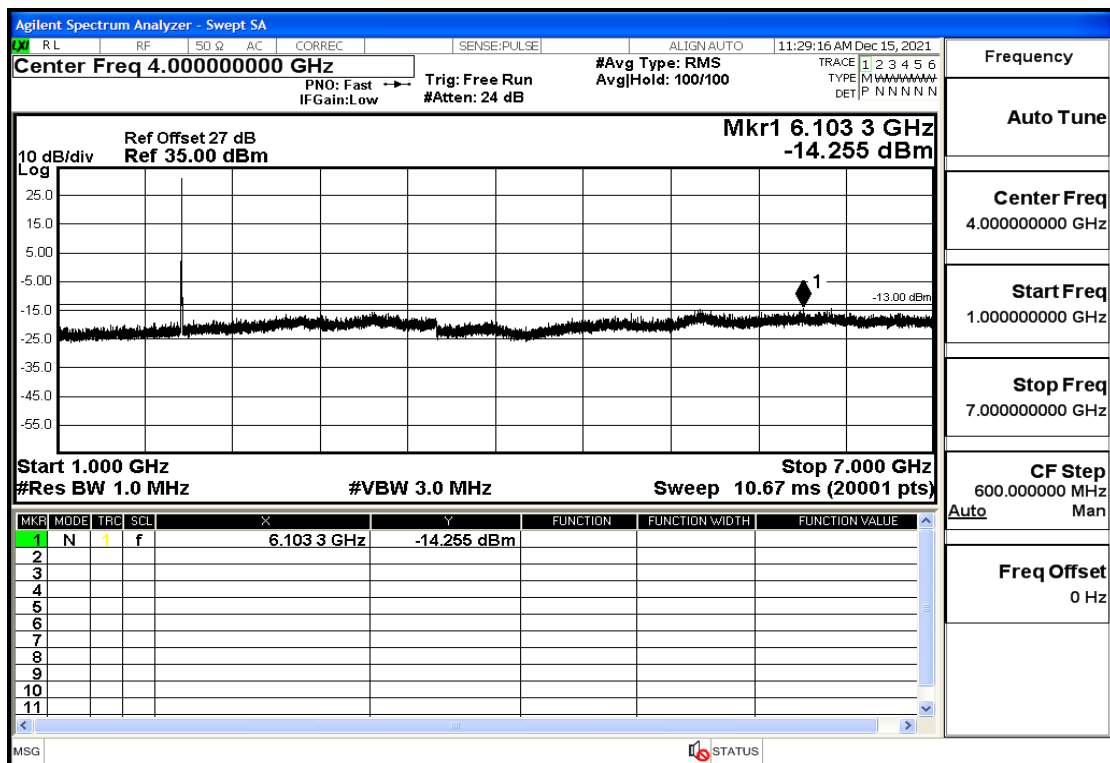
OB25-1.4-1914.3-QPSK-6#LOW@13.6GHz-20GHz@Pass



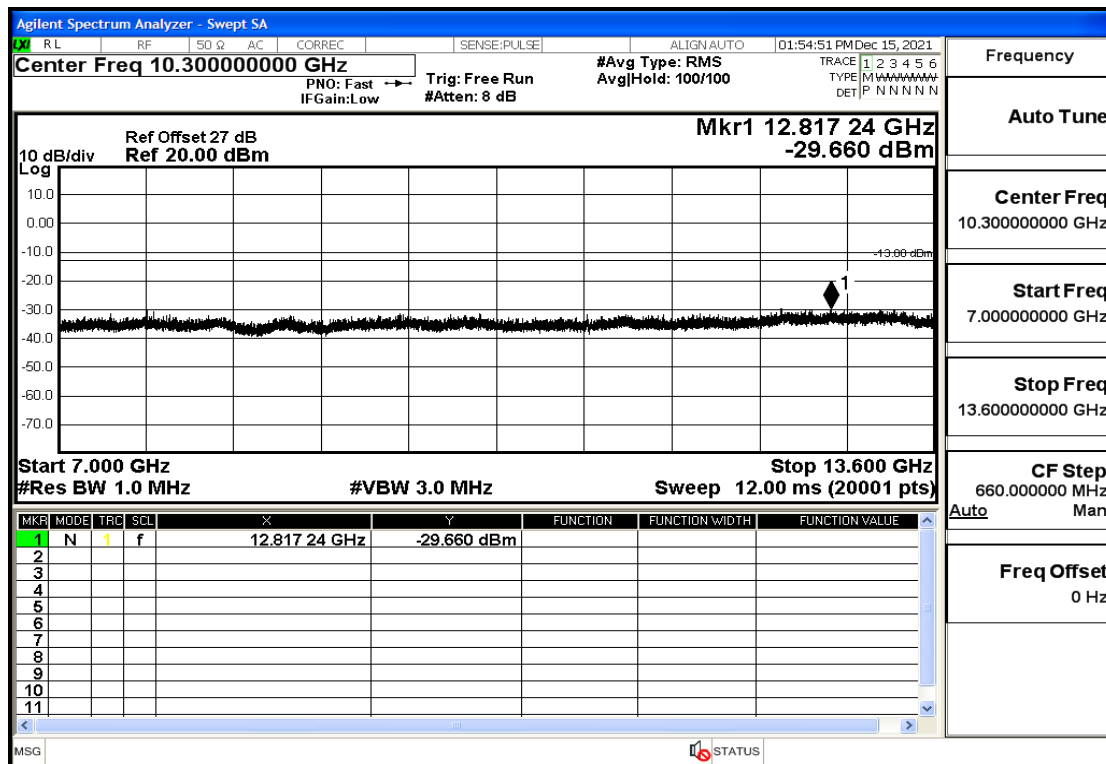
OB25-3-1851.5-QPSK-15#LOW@30mHz-1GHz@Pass



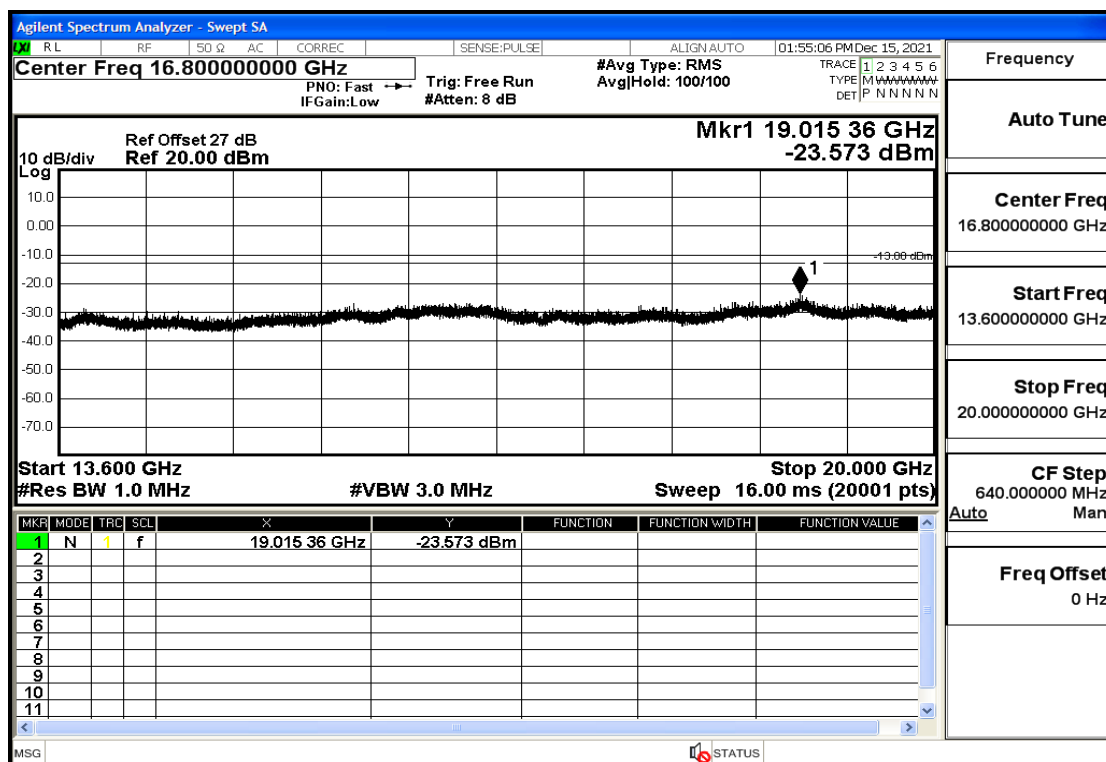
OB25-3-1851.5-QPSK-15#LOW@1GHz-7GHz@Margin Low!



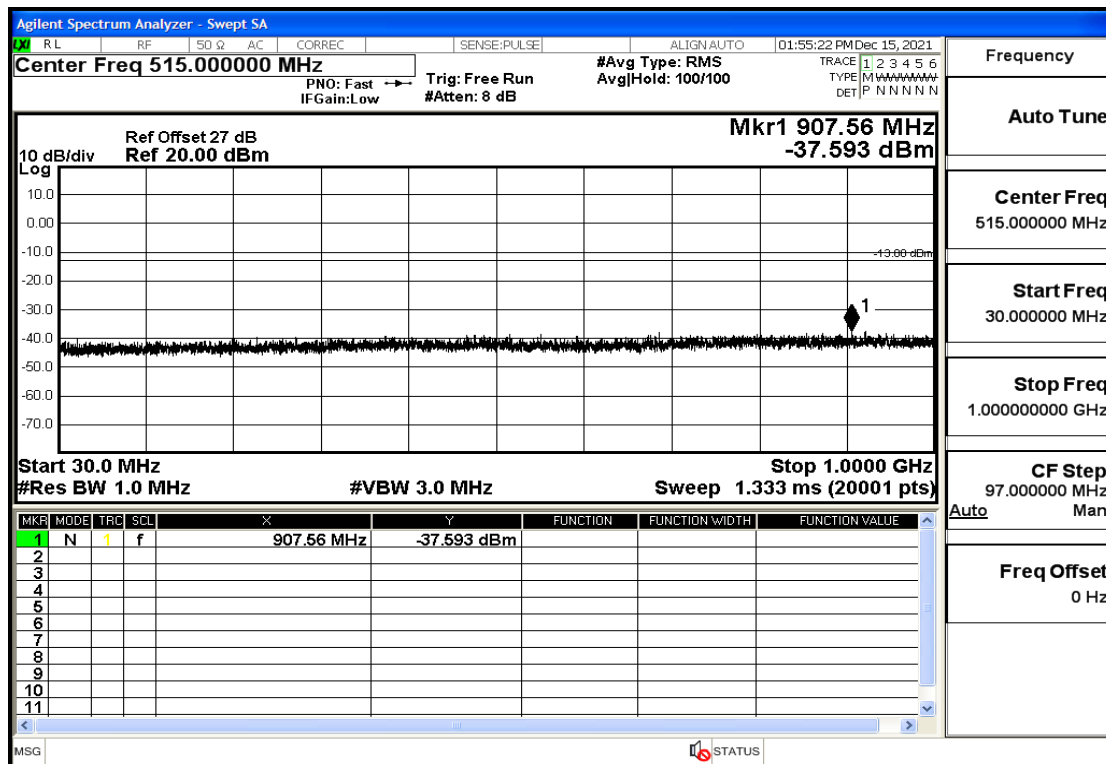
OB25-3-1851.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



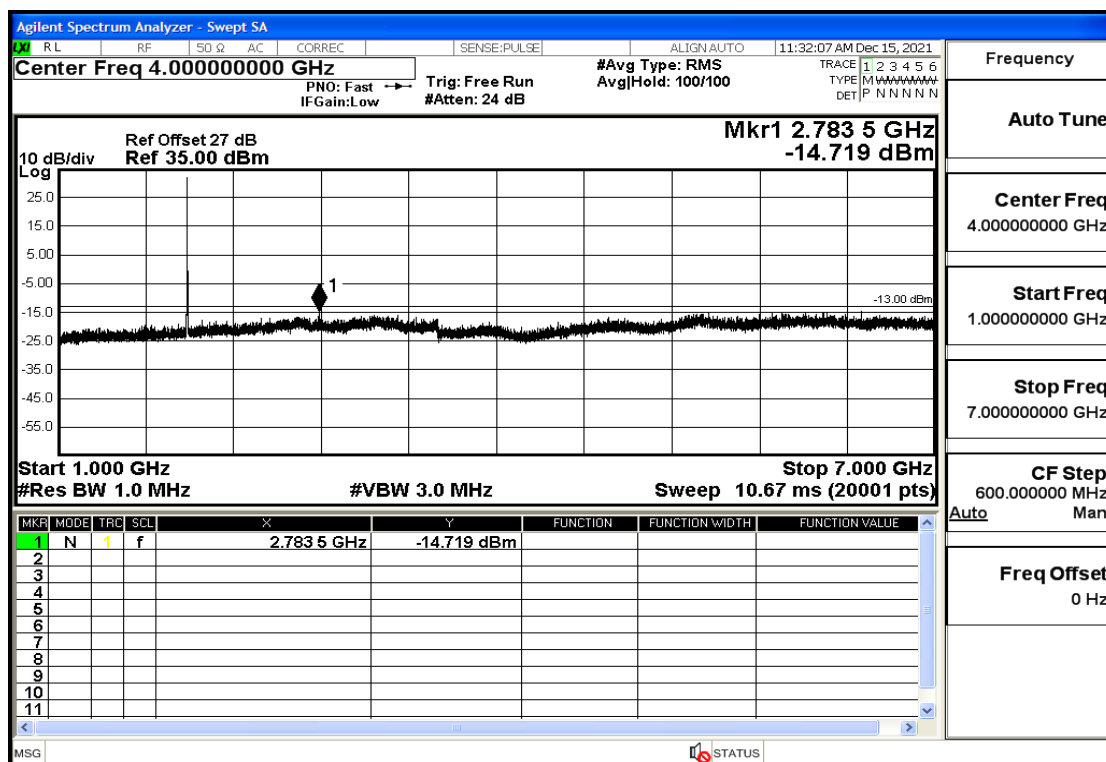
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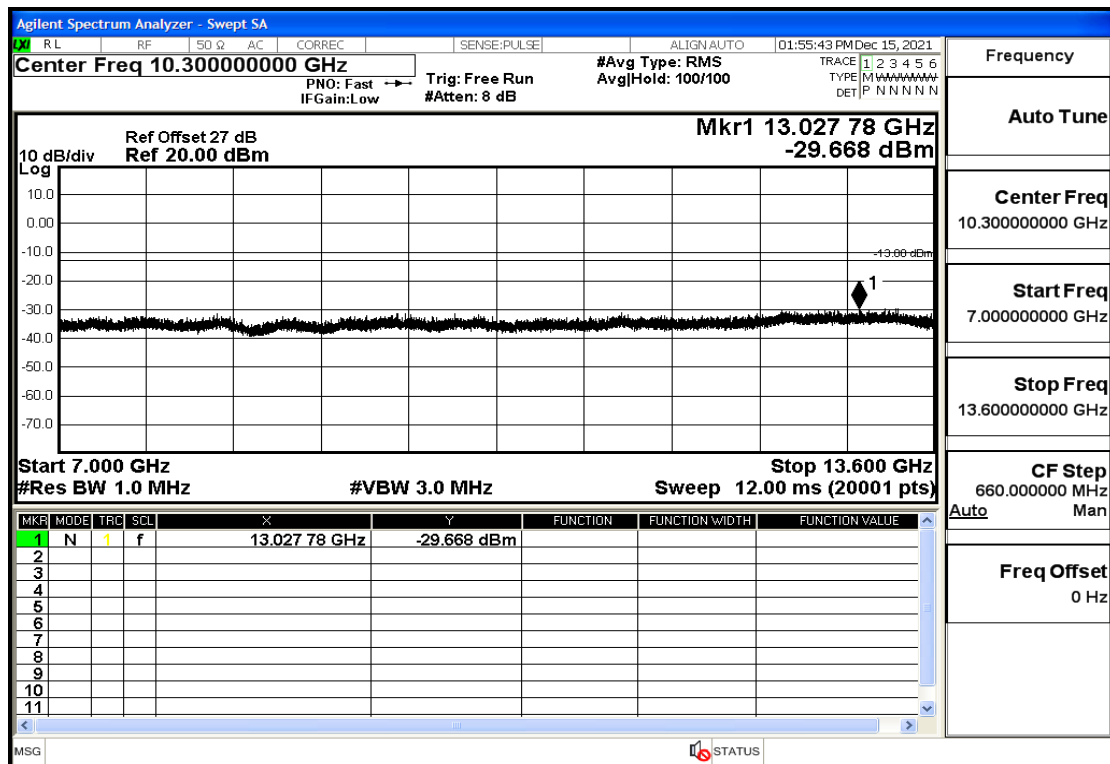
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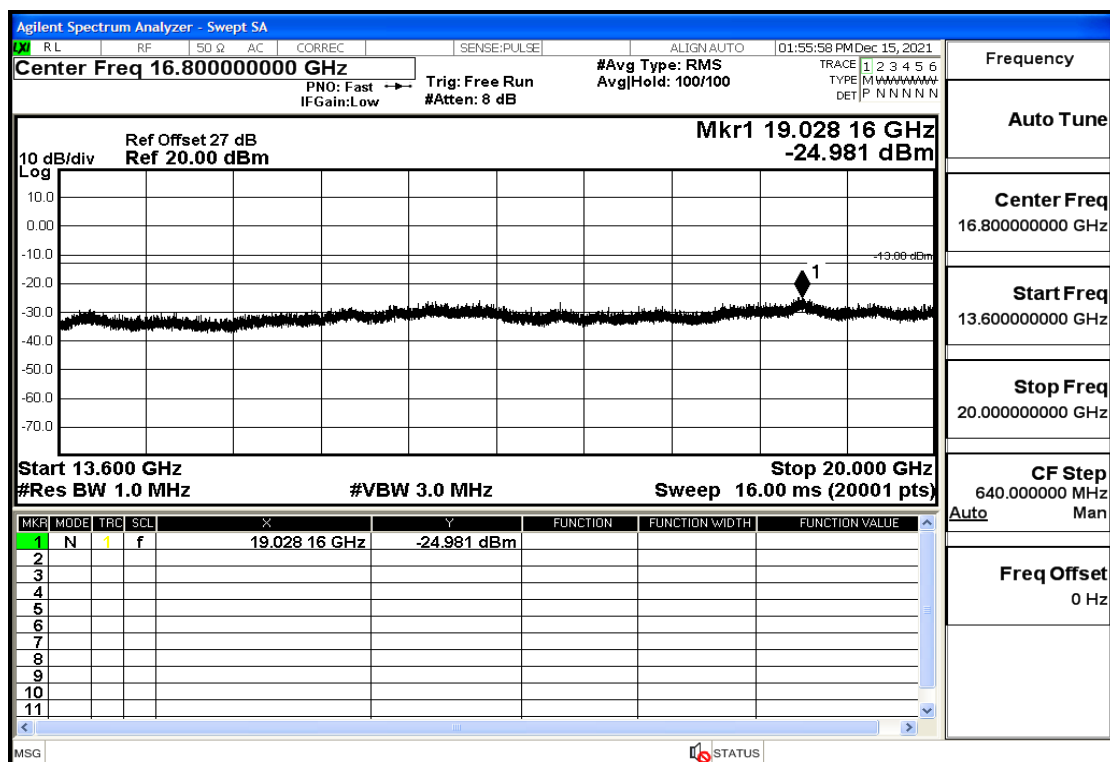
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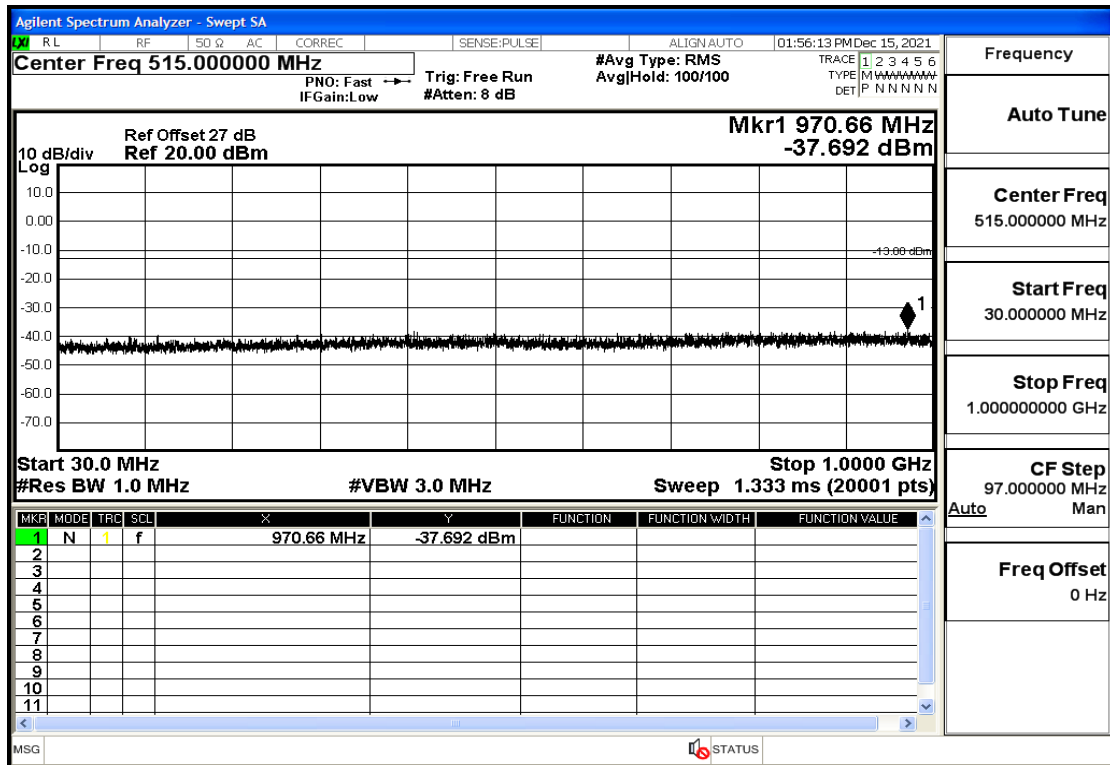
OB25-3-1882.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



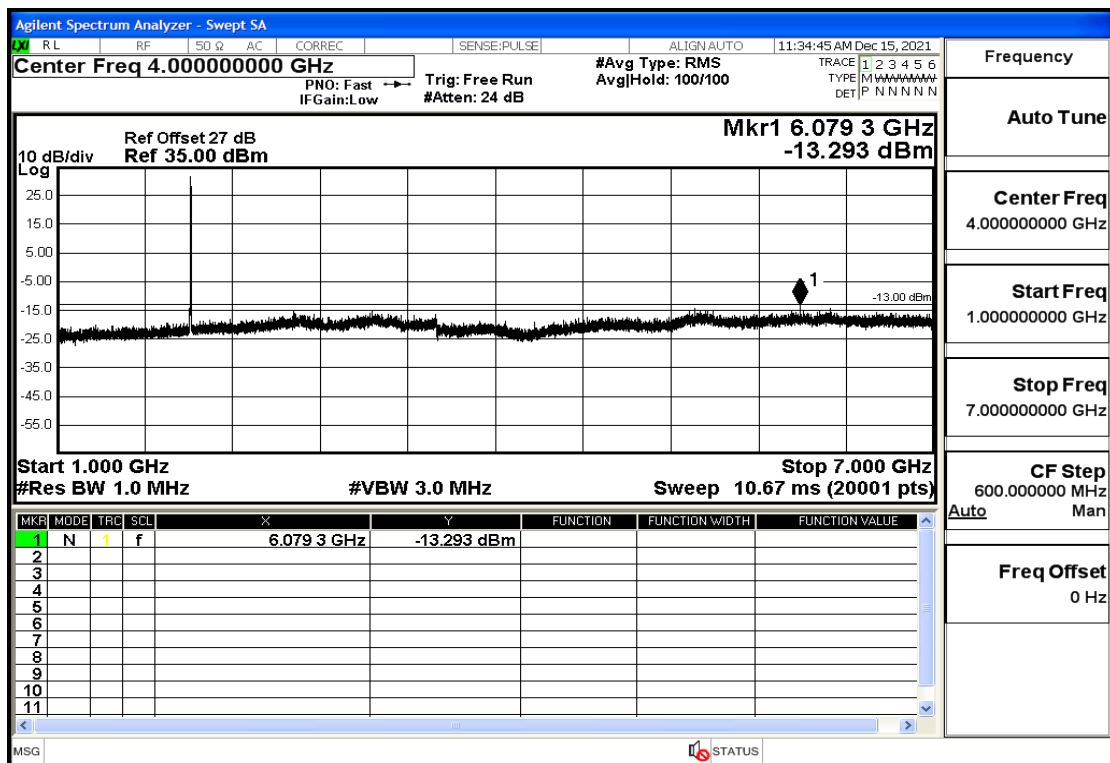
OB25-3-1882.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



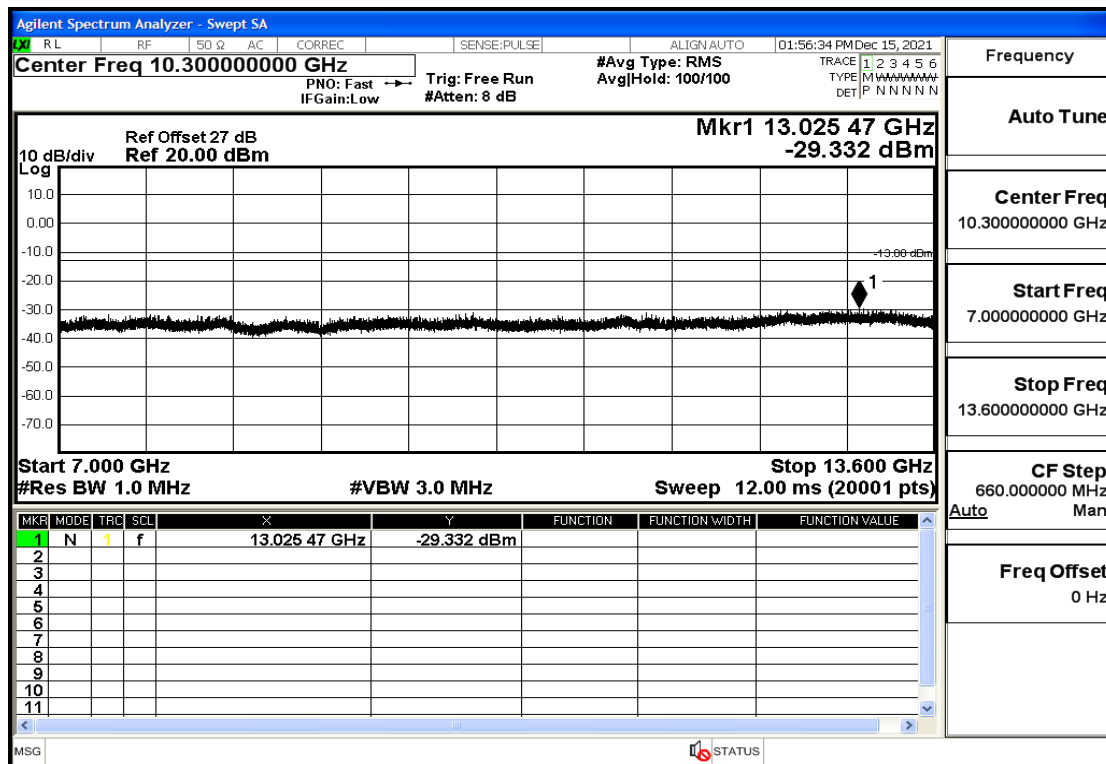
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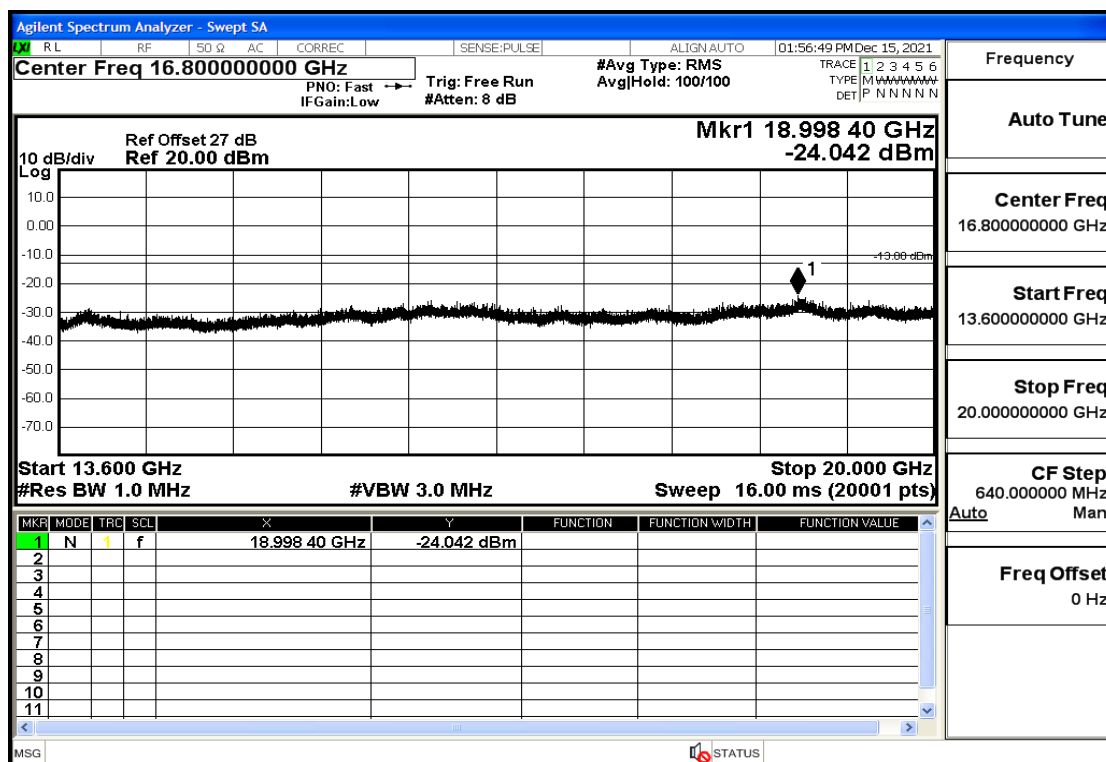
OB25-3-1913.5-QPSK-15#LOW@1GHz-7GHz@Margin Low!



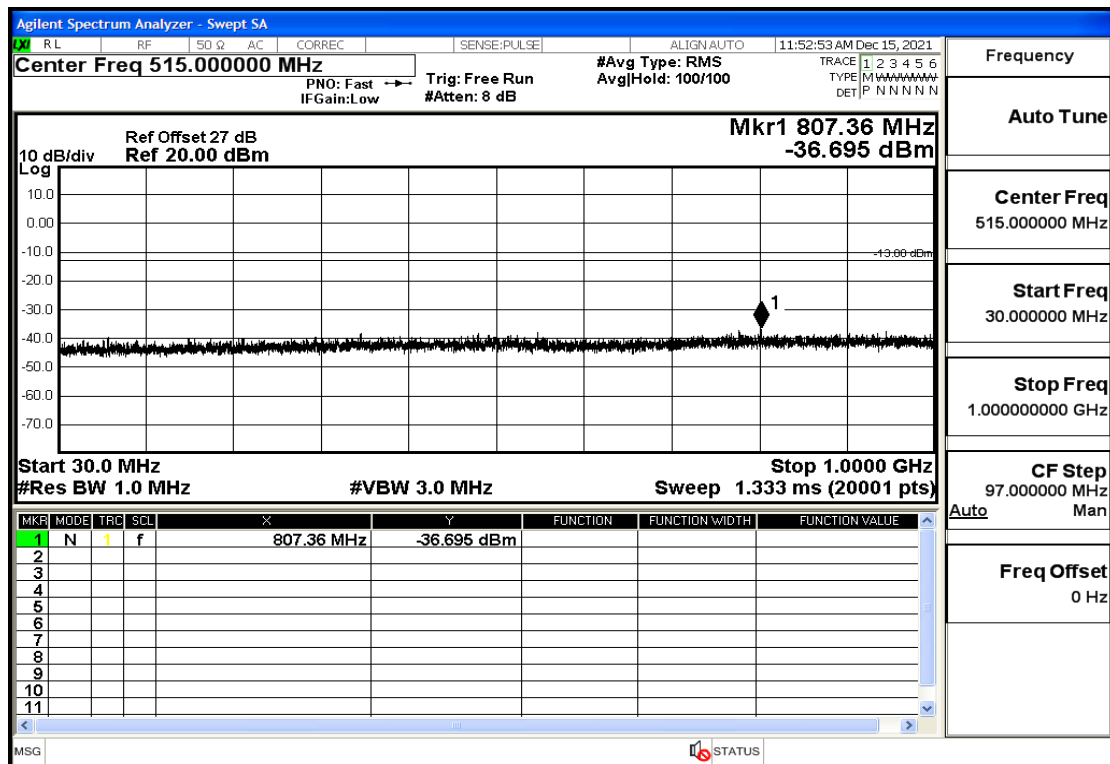
OB25-3-1913.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



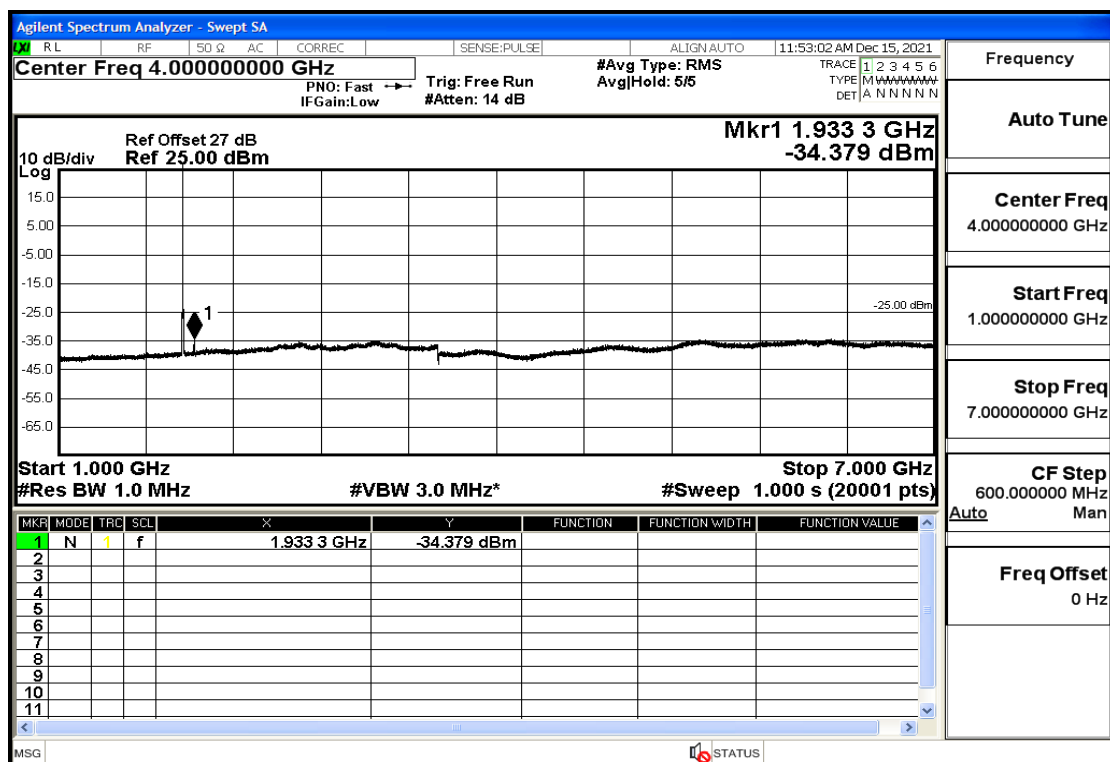
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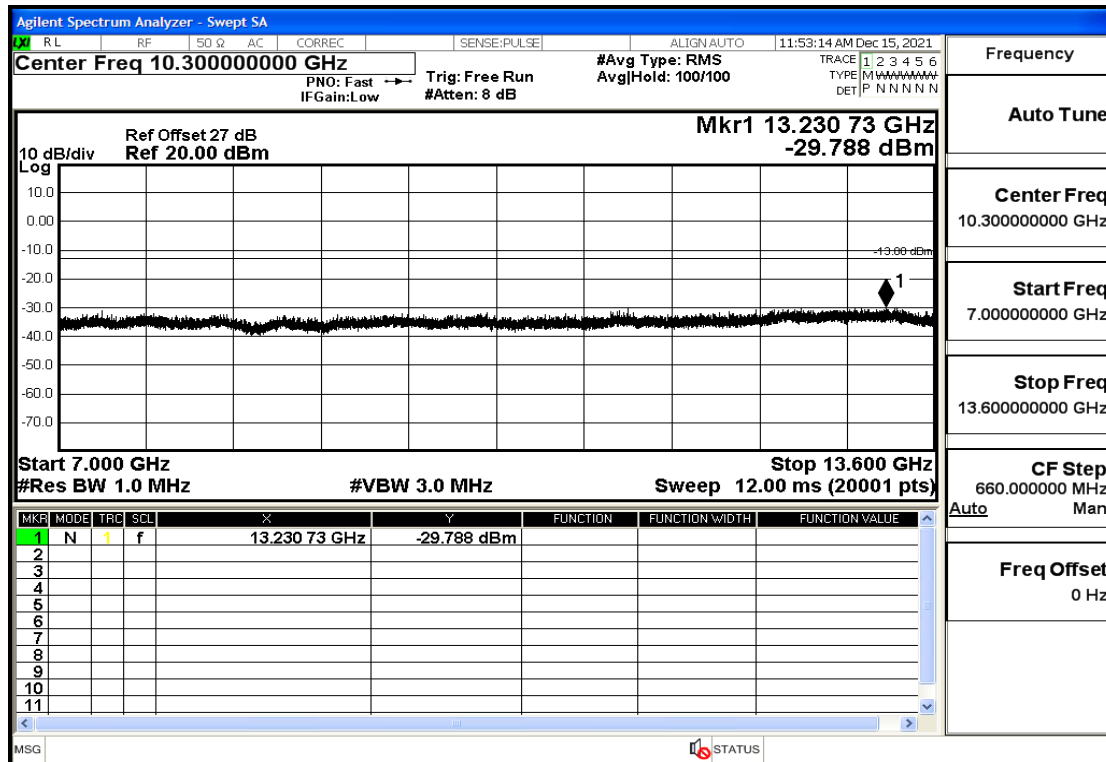
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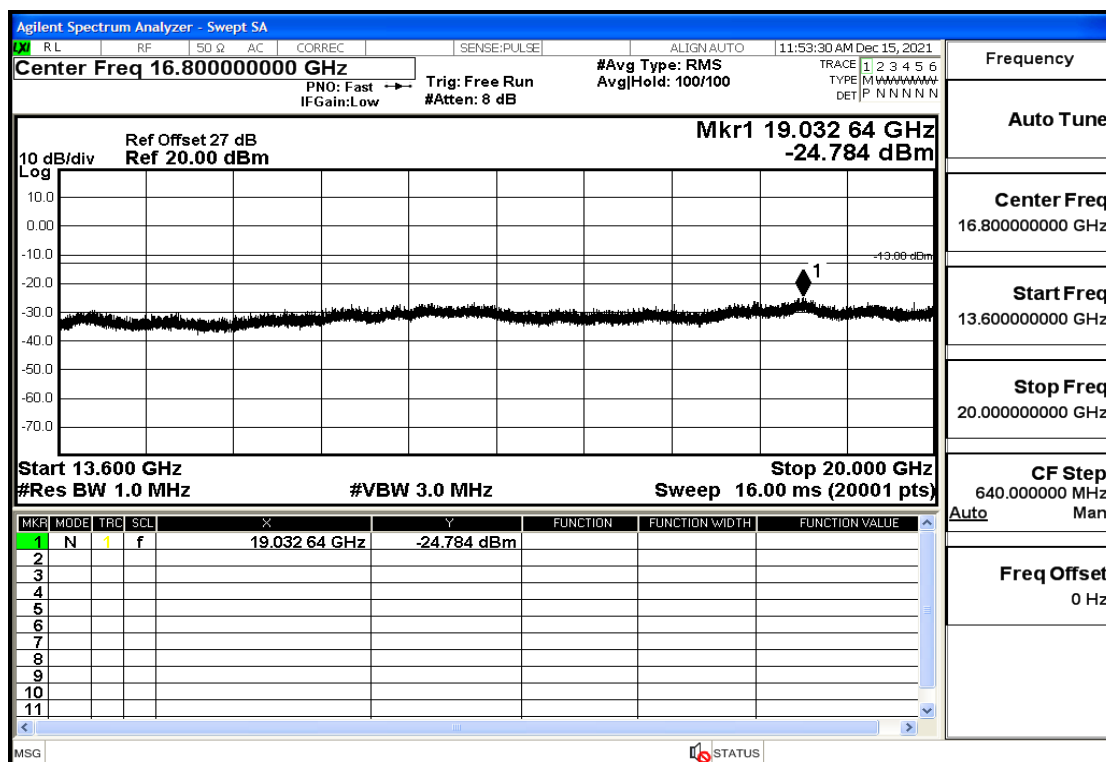
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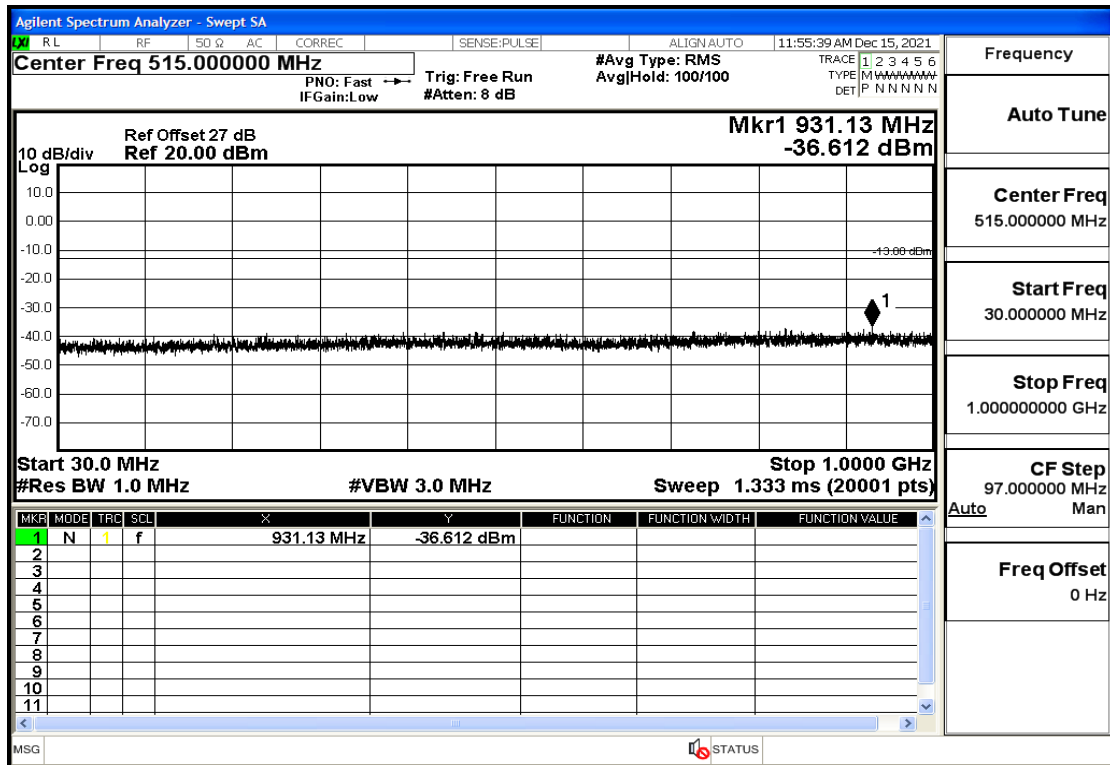
OB25-5-1852.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



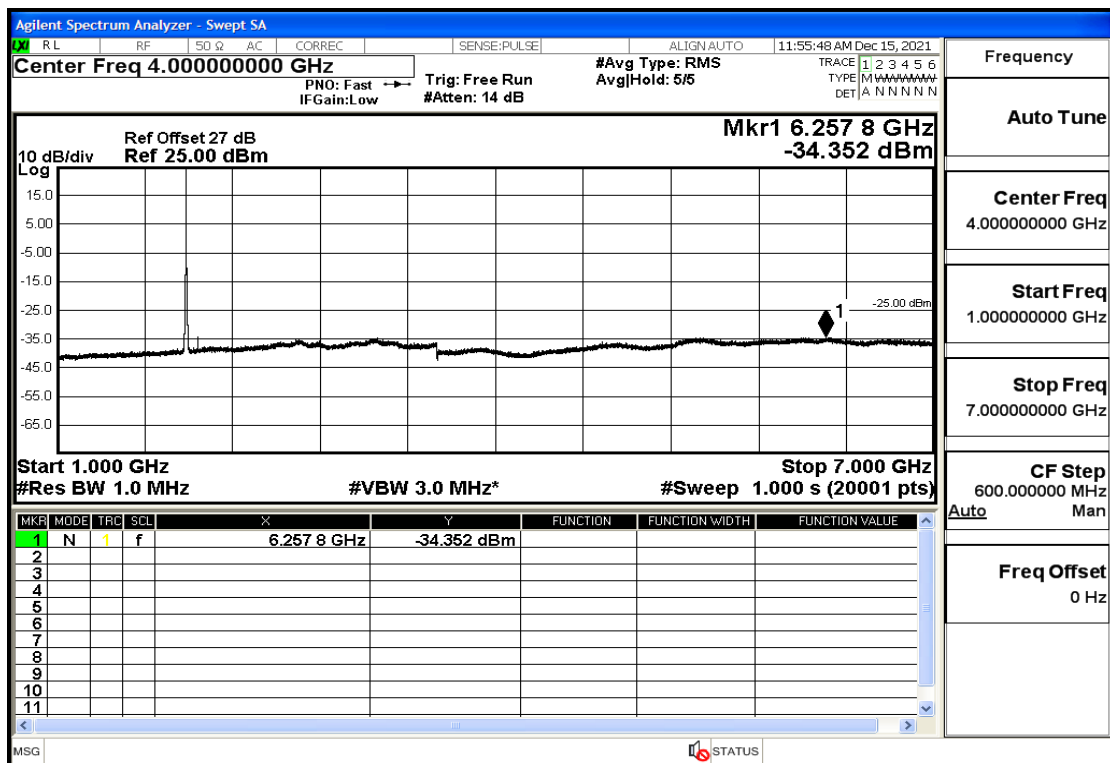
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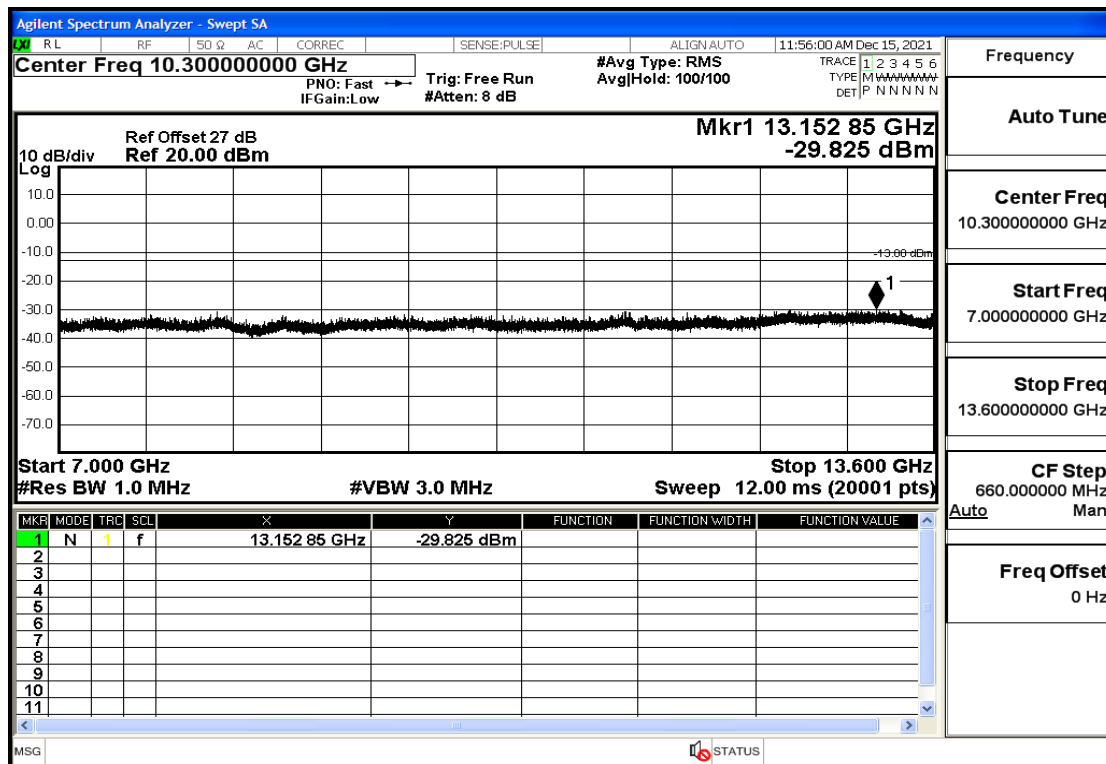
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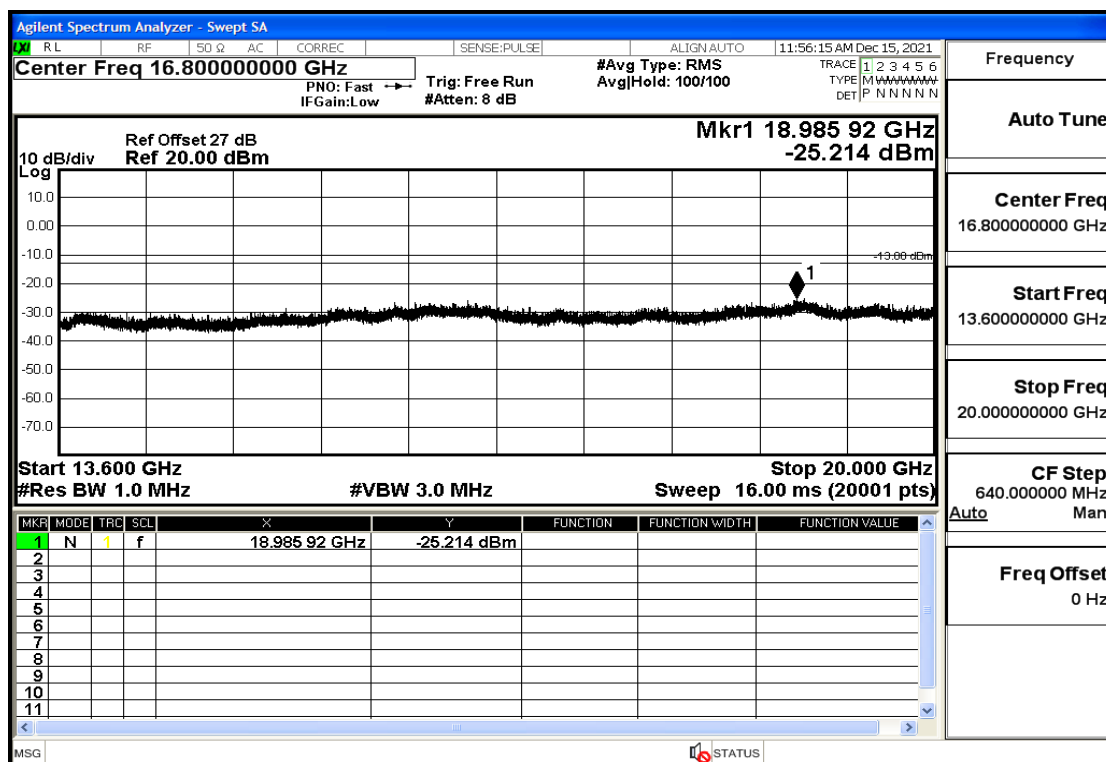
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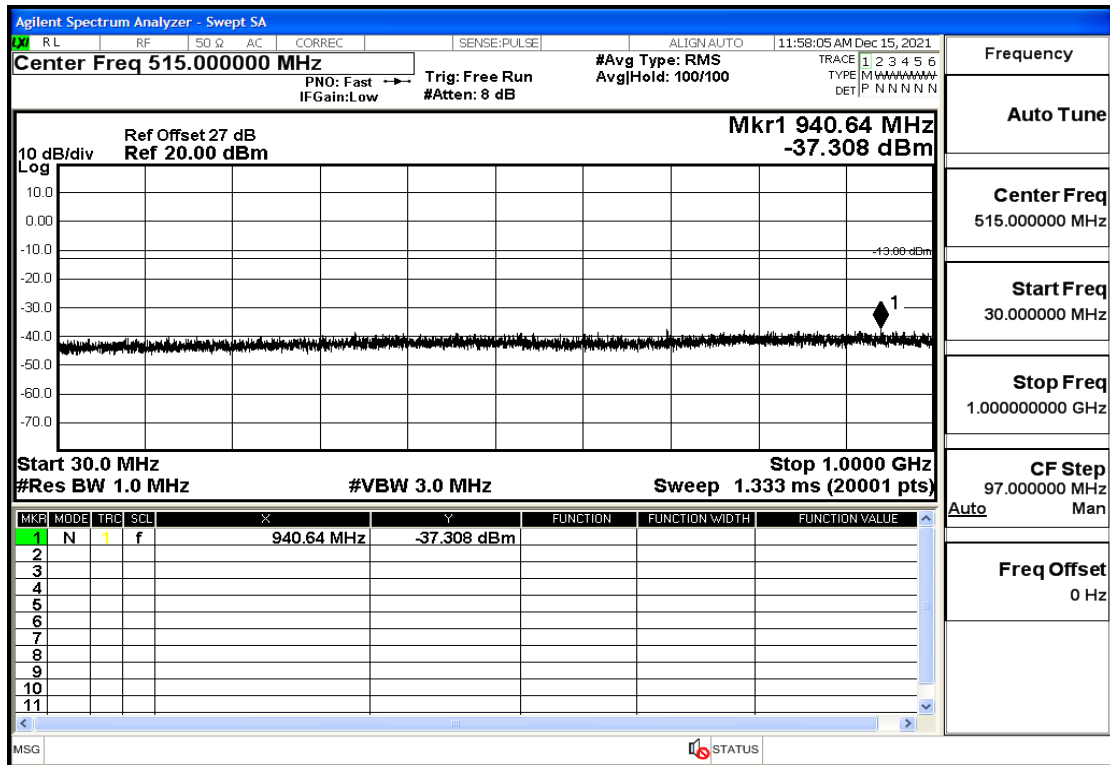
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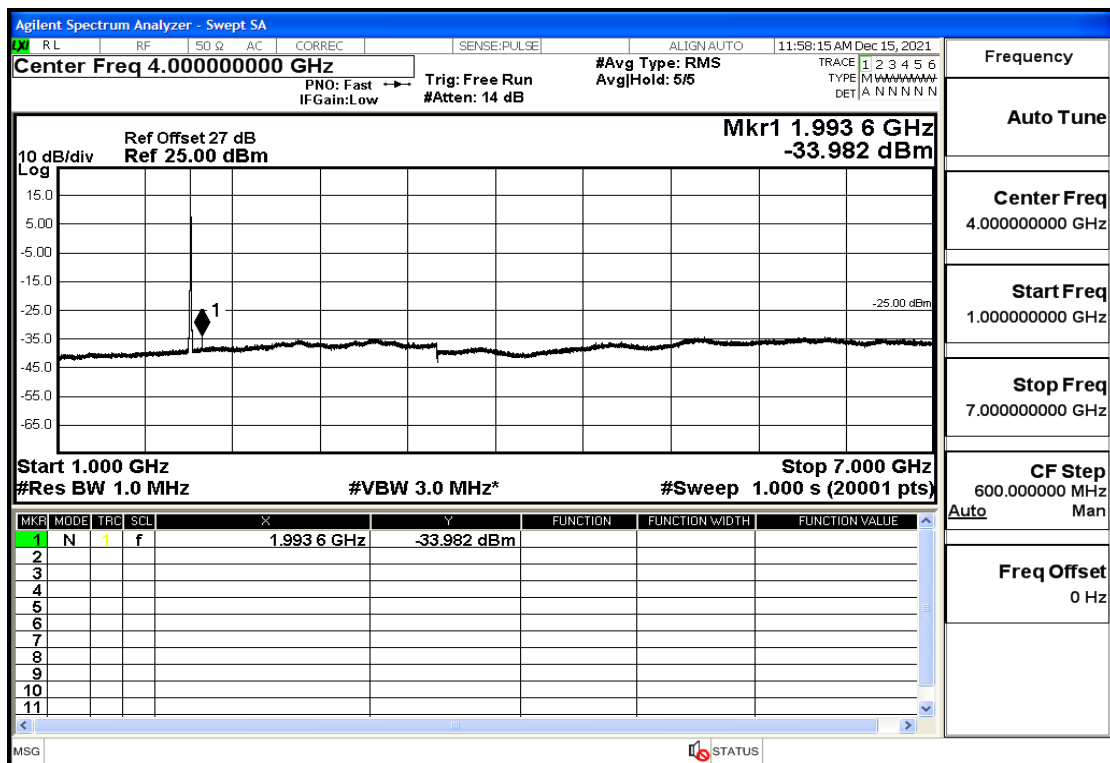
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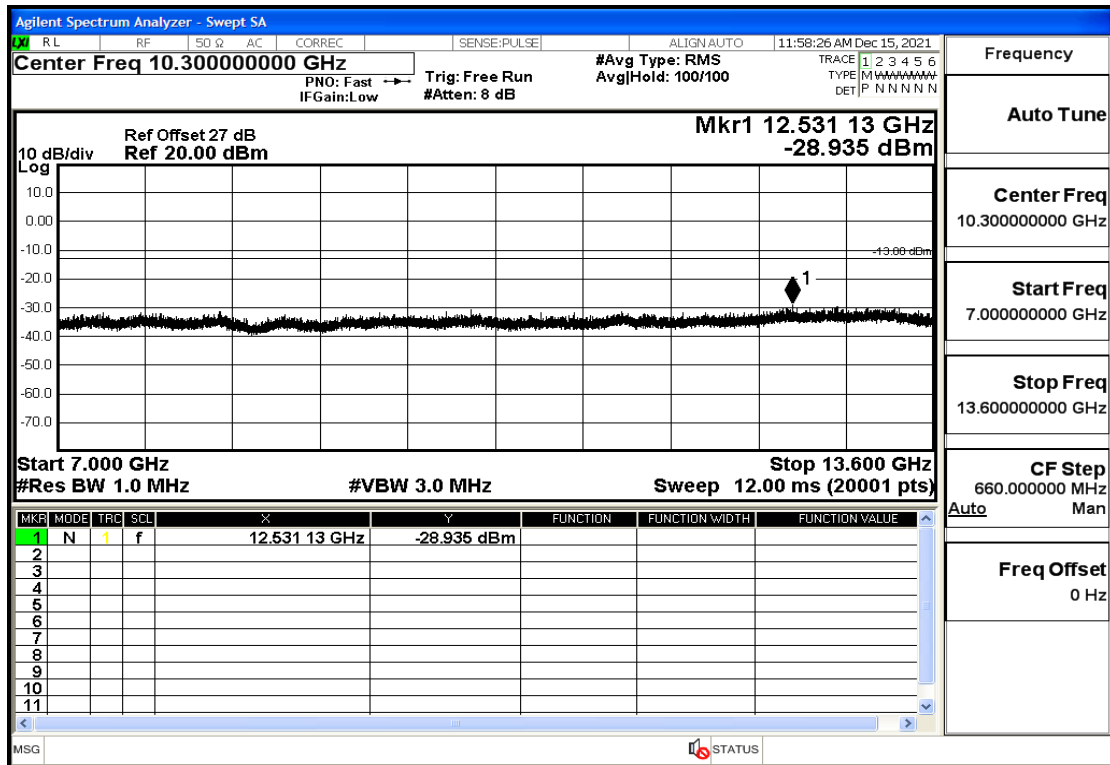
OB25-5-1912.5-QPSK-25#LOW@30mHz-1GHz@Pass



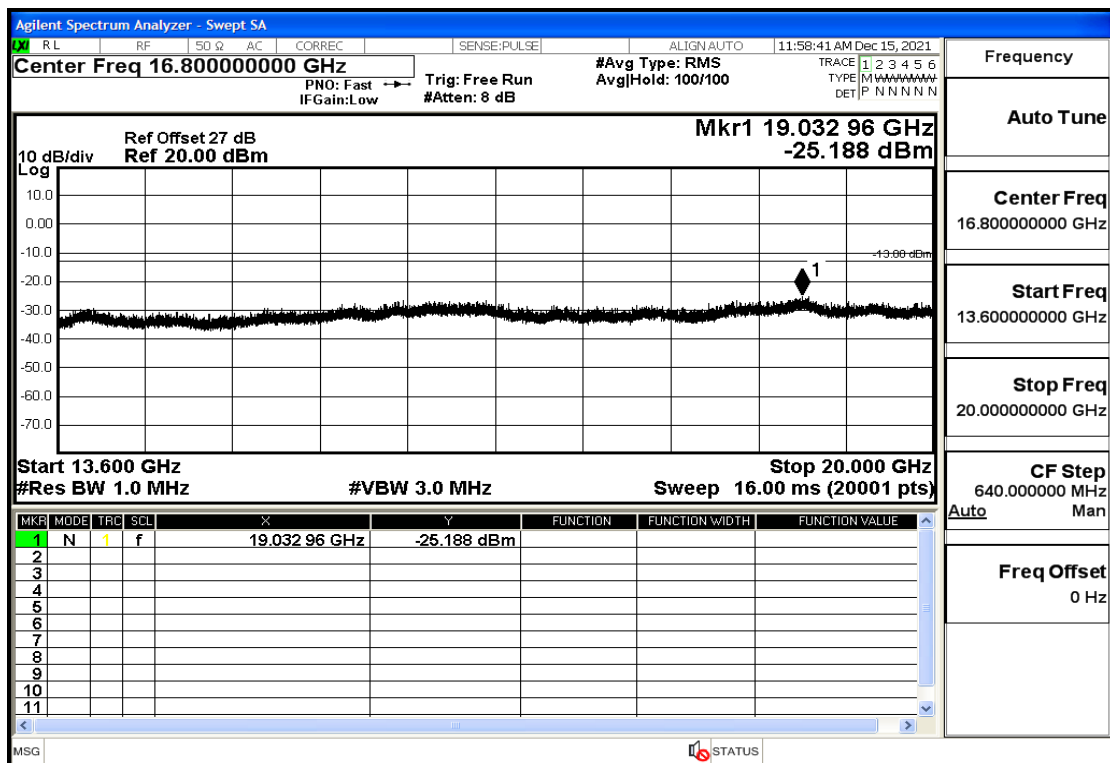
OB25-5-1912.5-QPSK-25#LOW@1GHz-7GHz@Pass



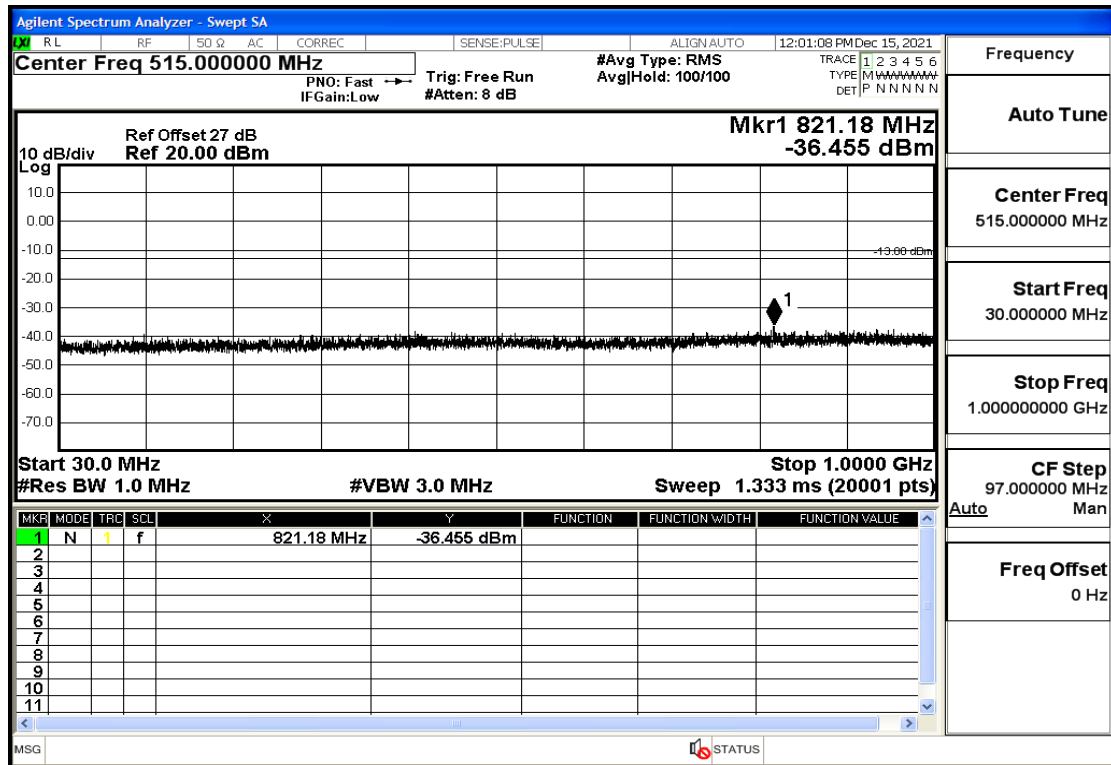
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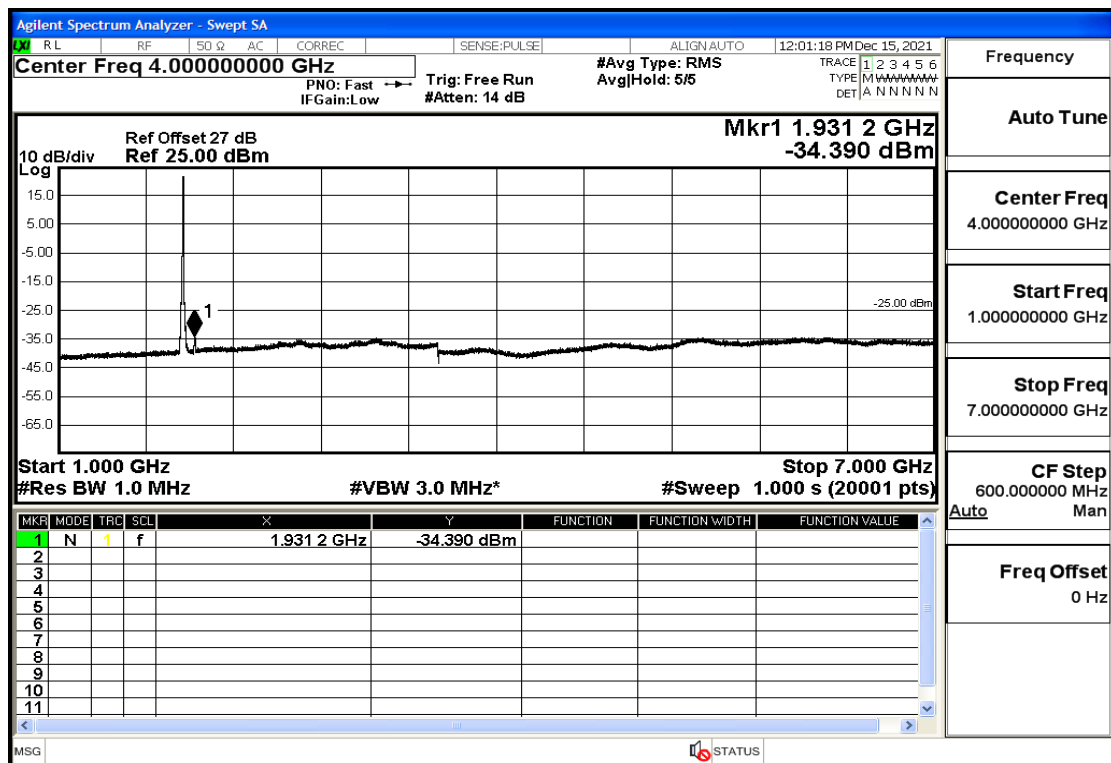
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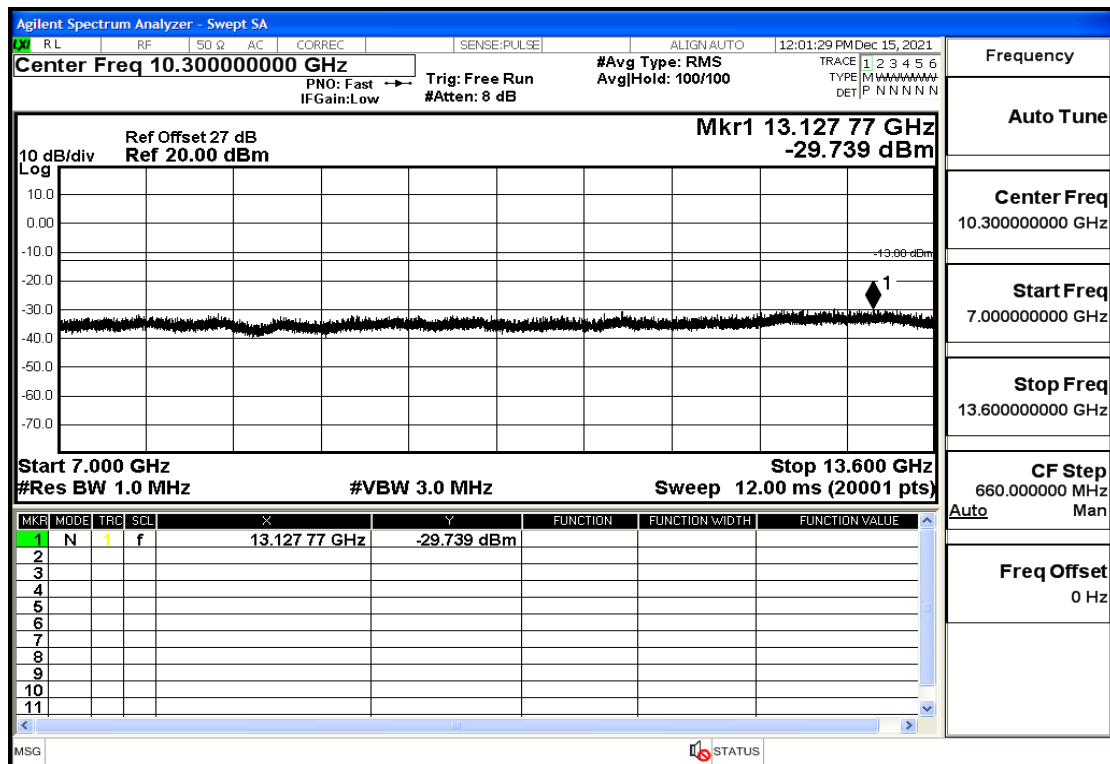
OB25-10-1855-QPSK-50#LOW@30mHz-1GHz@Pass



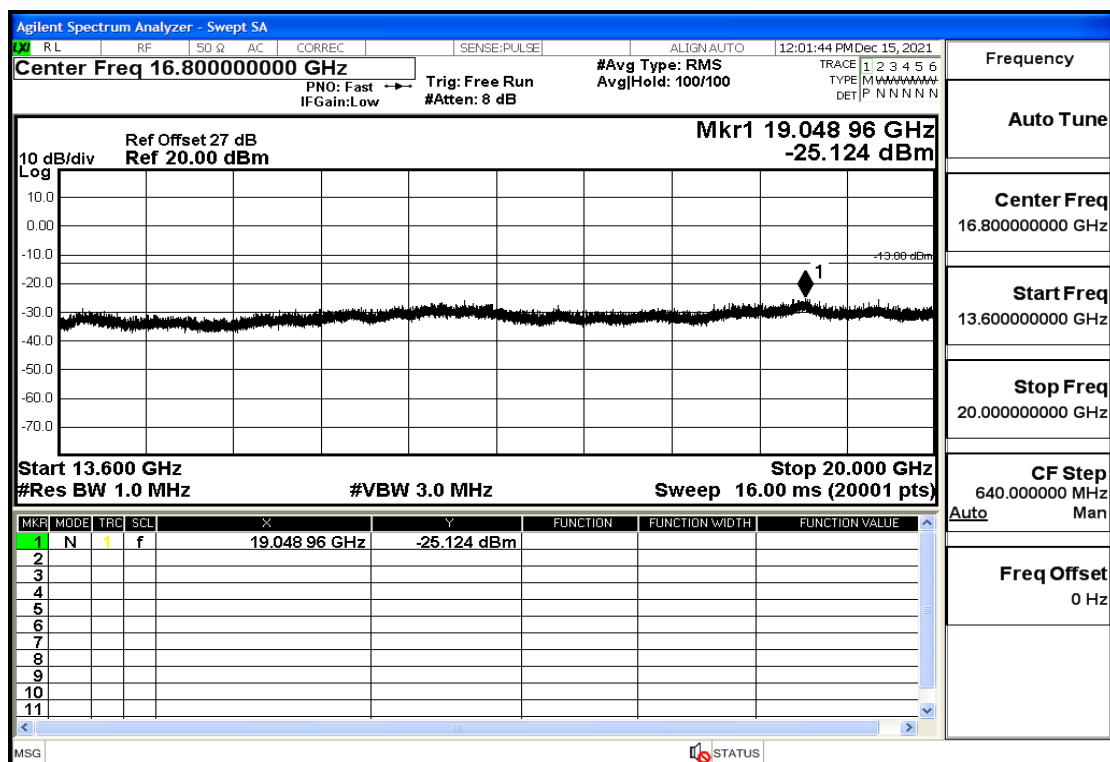
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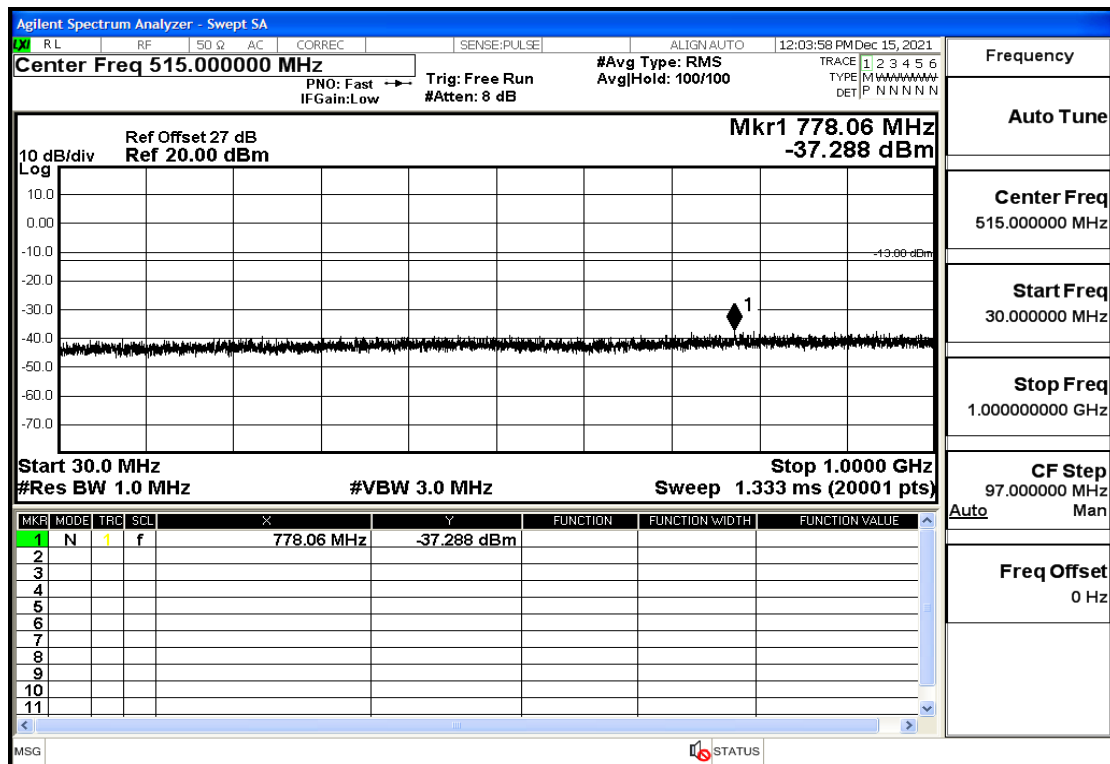
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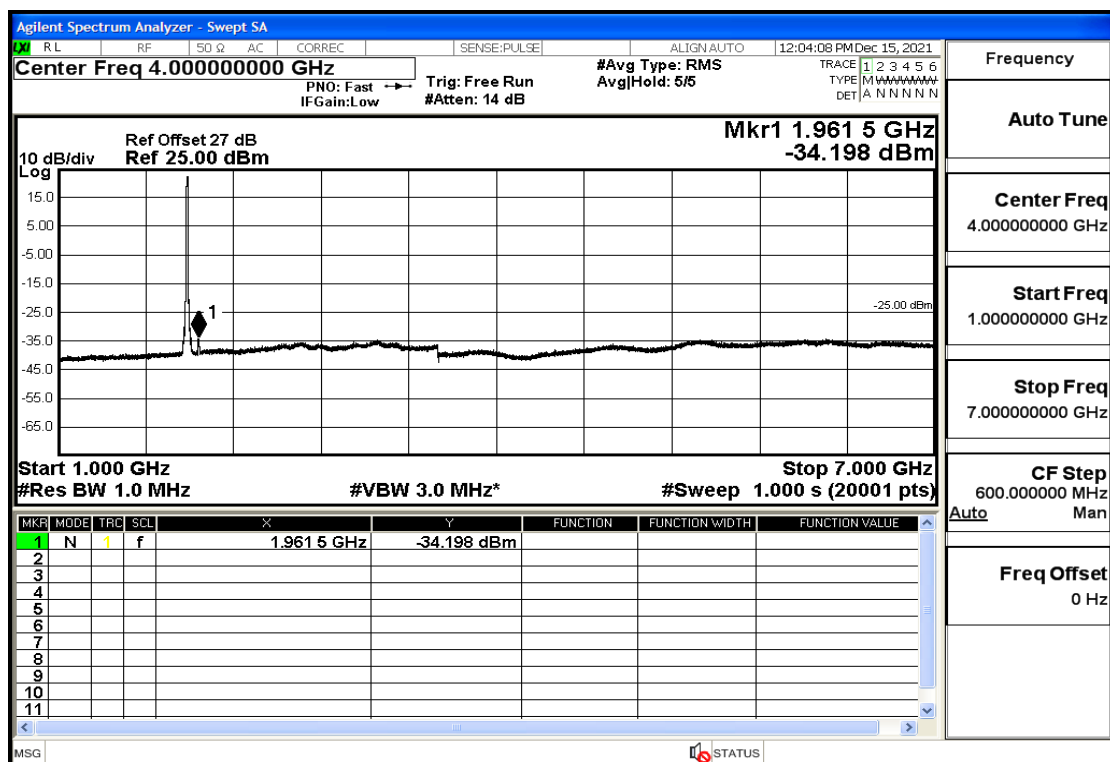
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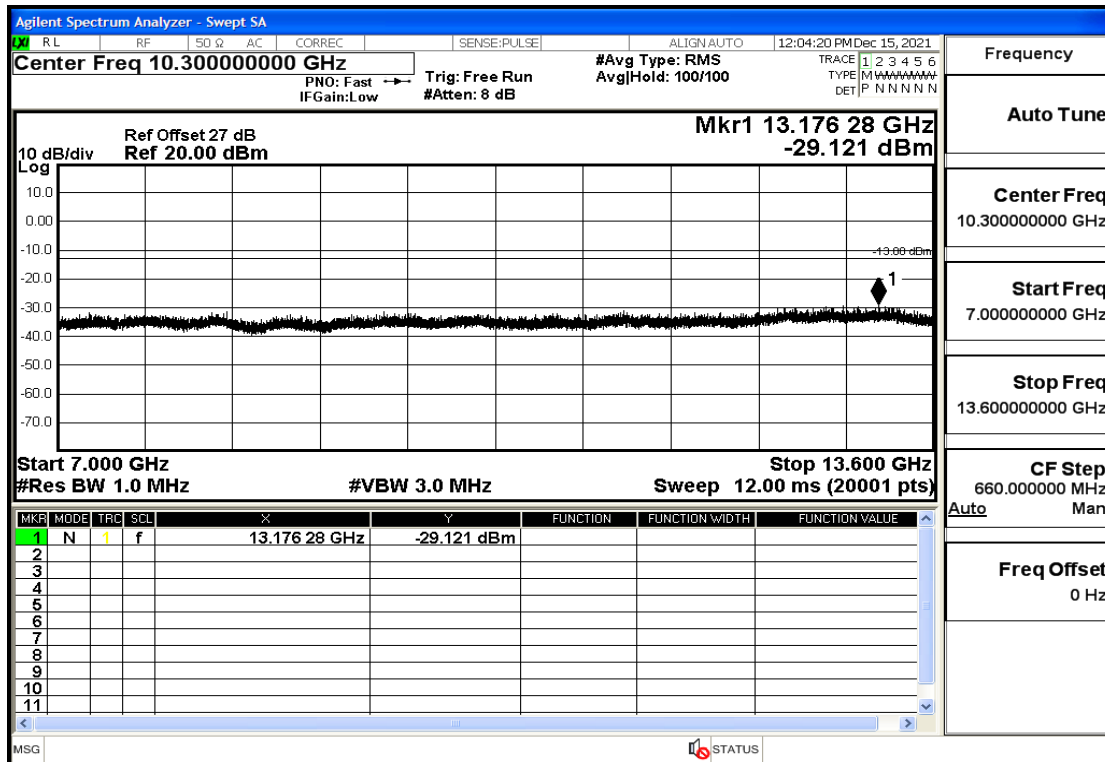
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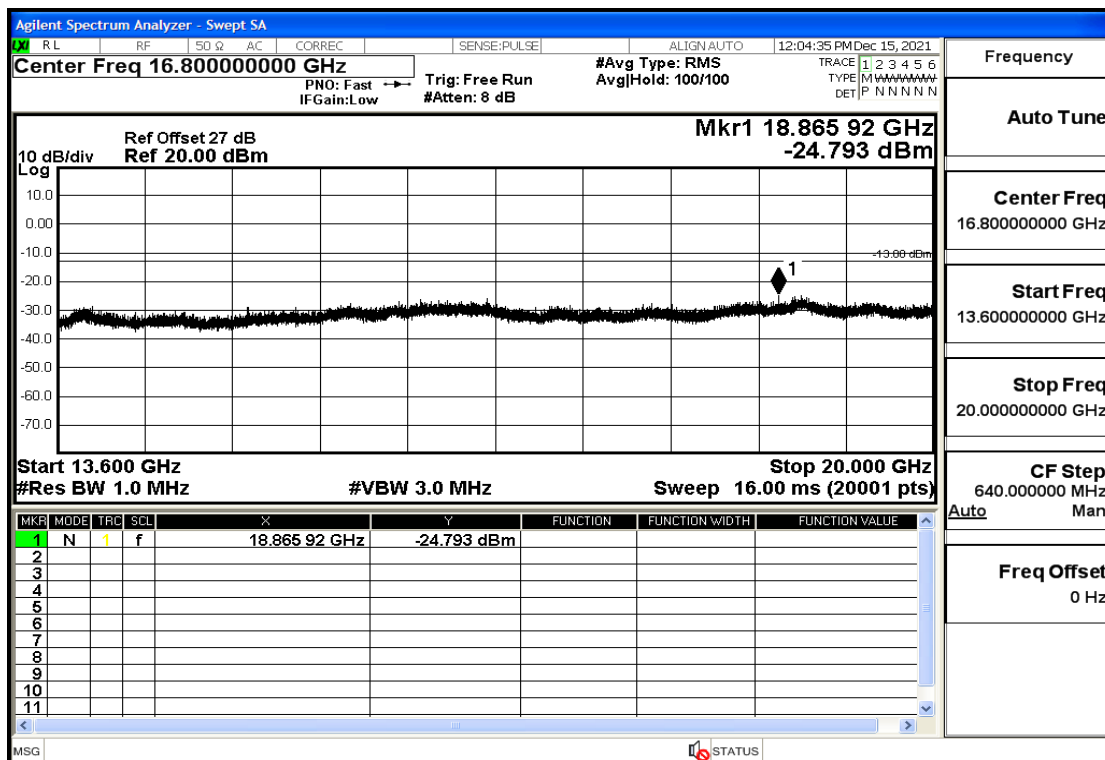
OB25-10-1882.5-QPSK-50#LOW@1GHz-7GHz@Pass



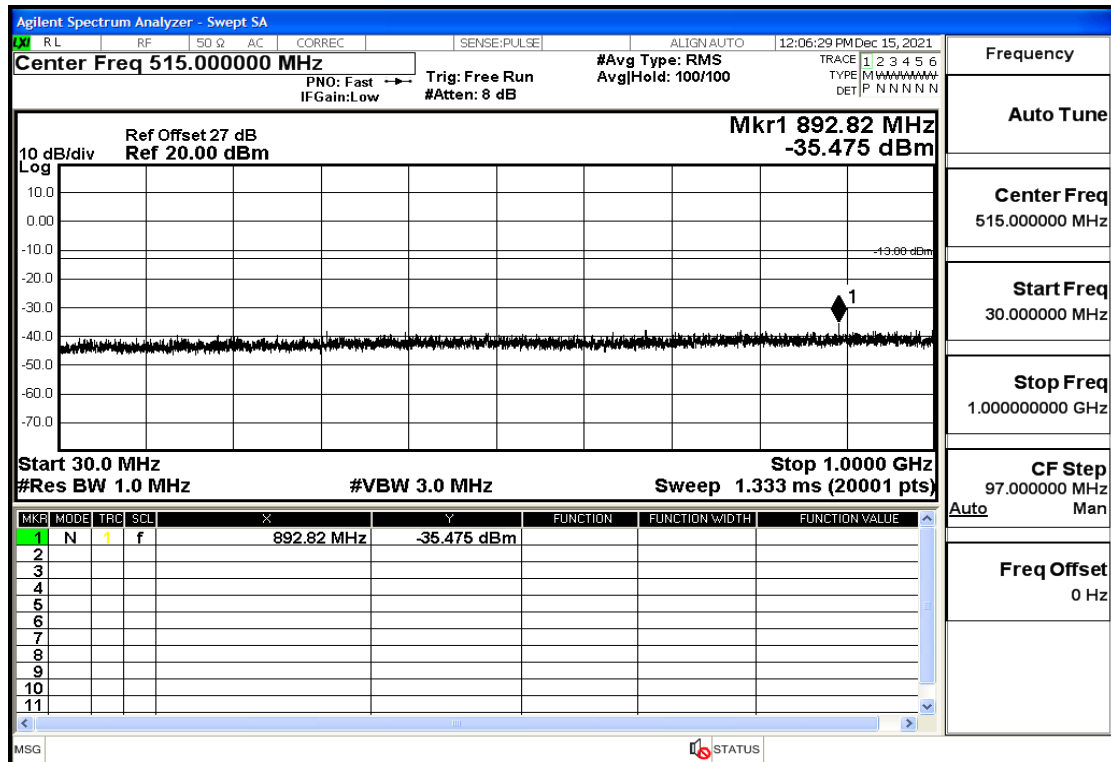
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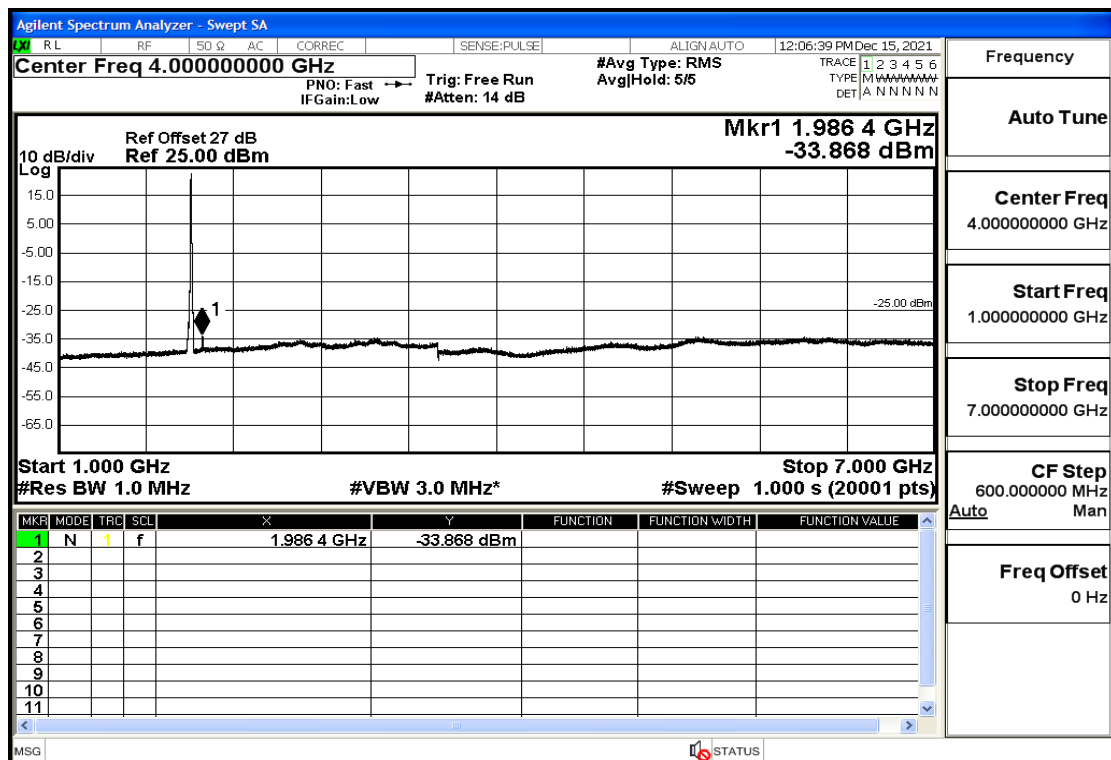
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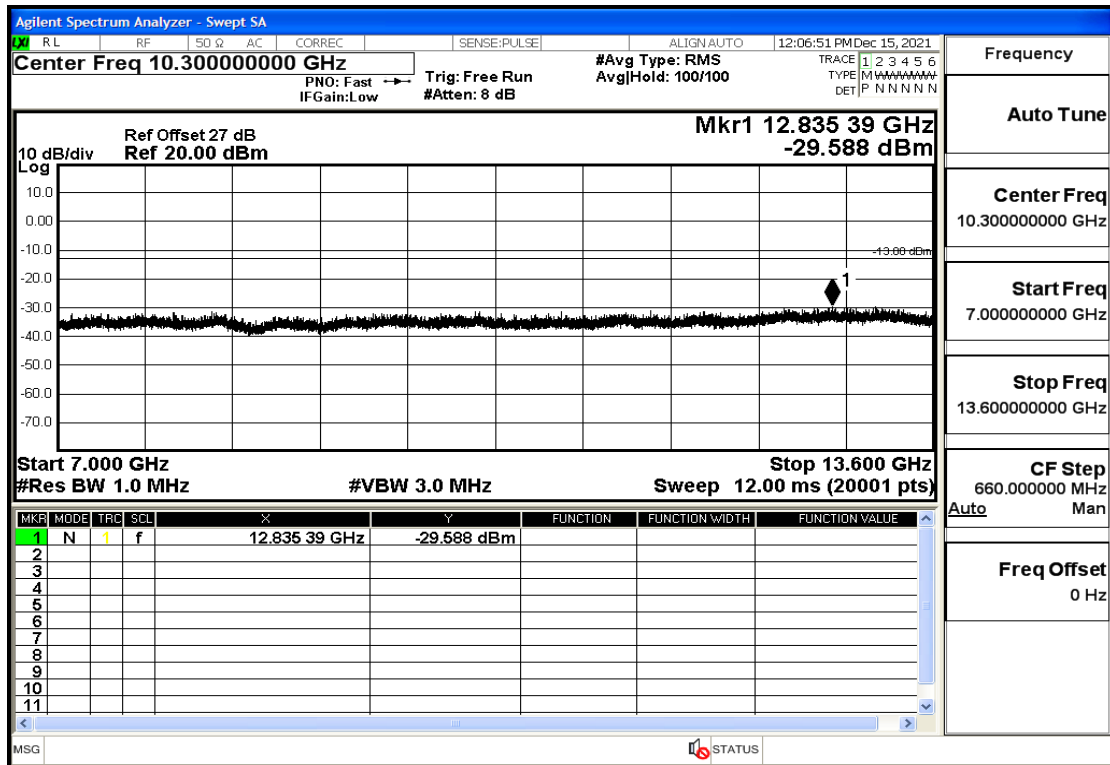
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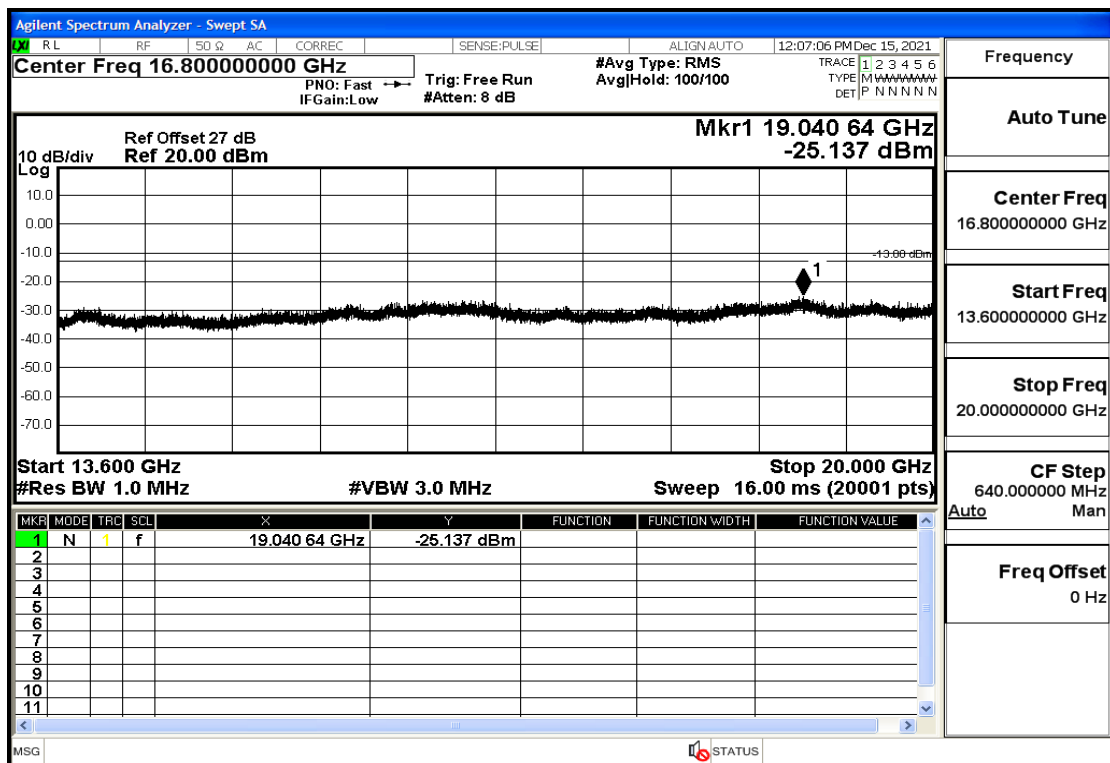
OB25-10-1910-QPSK-50#LOW@1GHz-7GHz@Pass



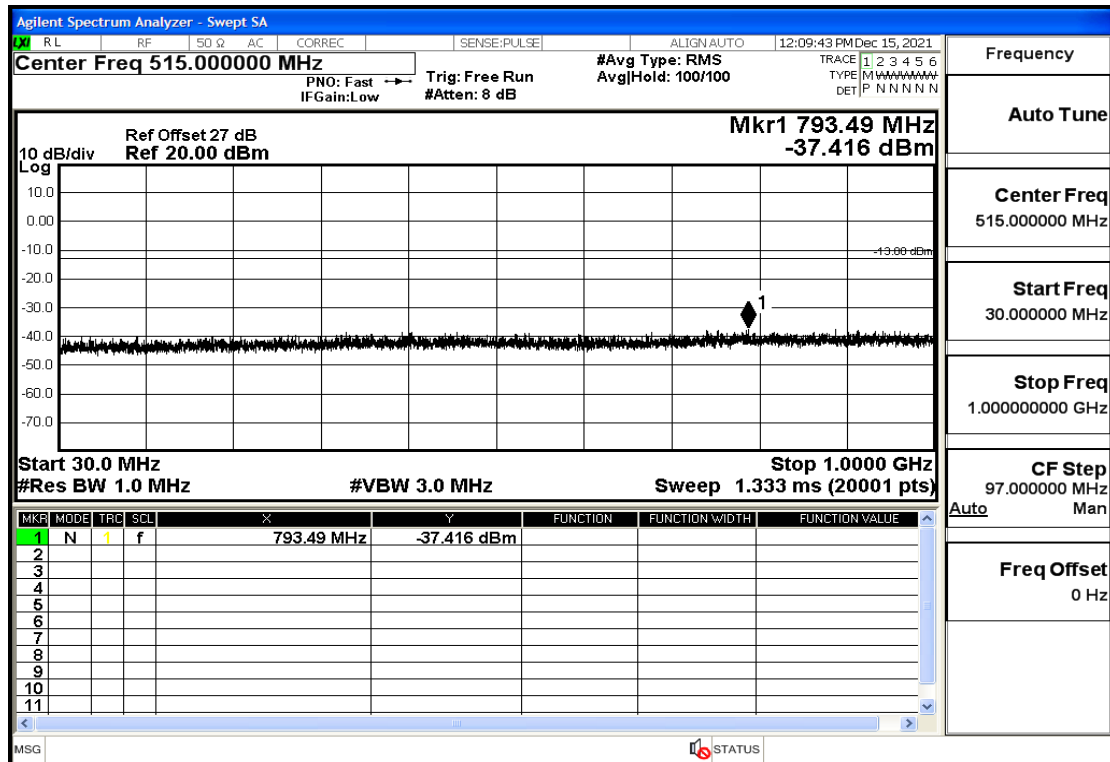
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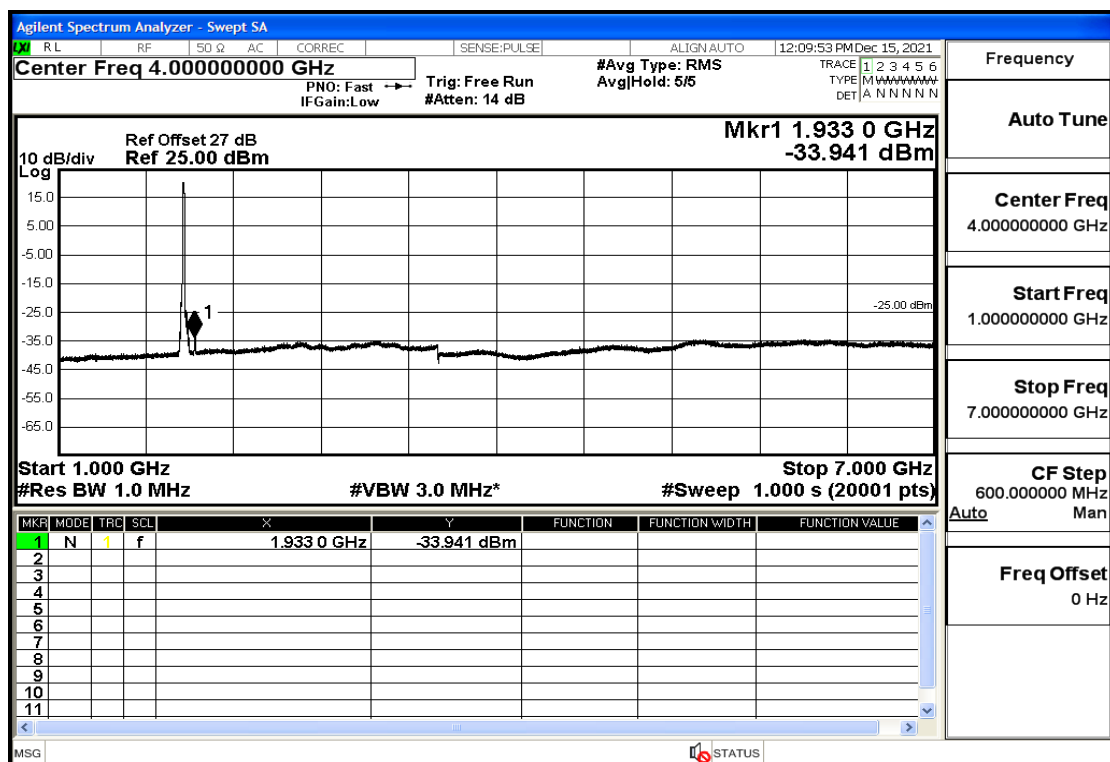
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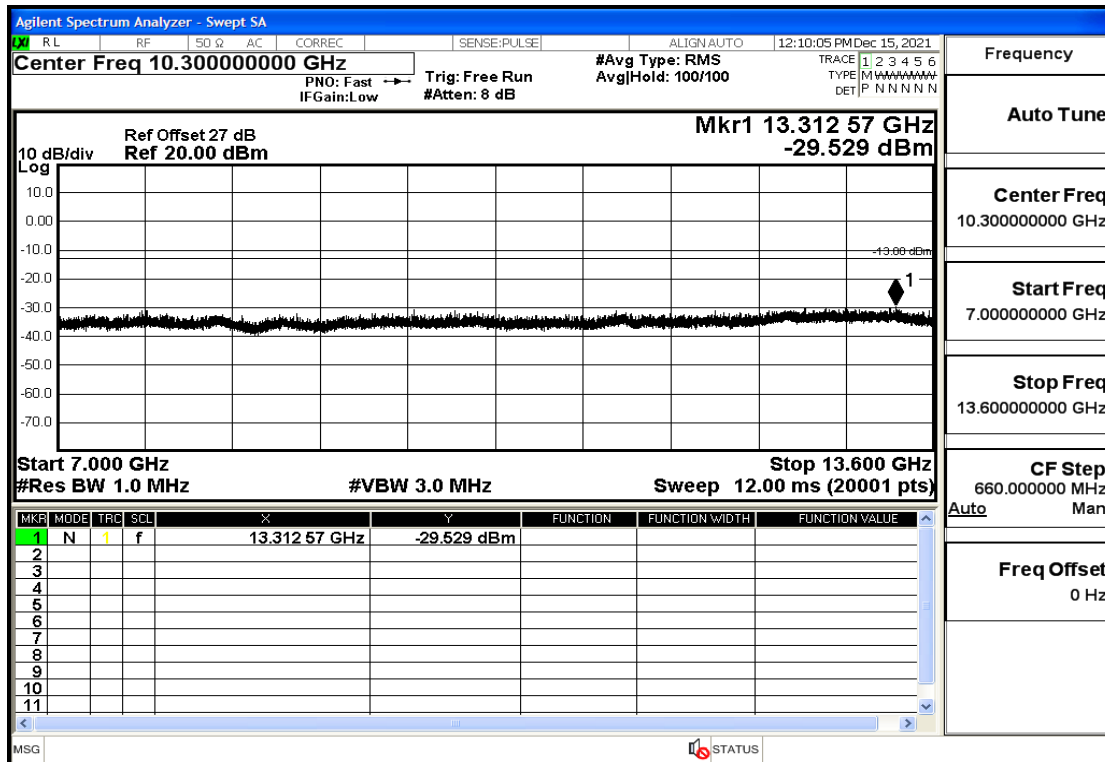
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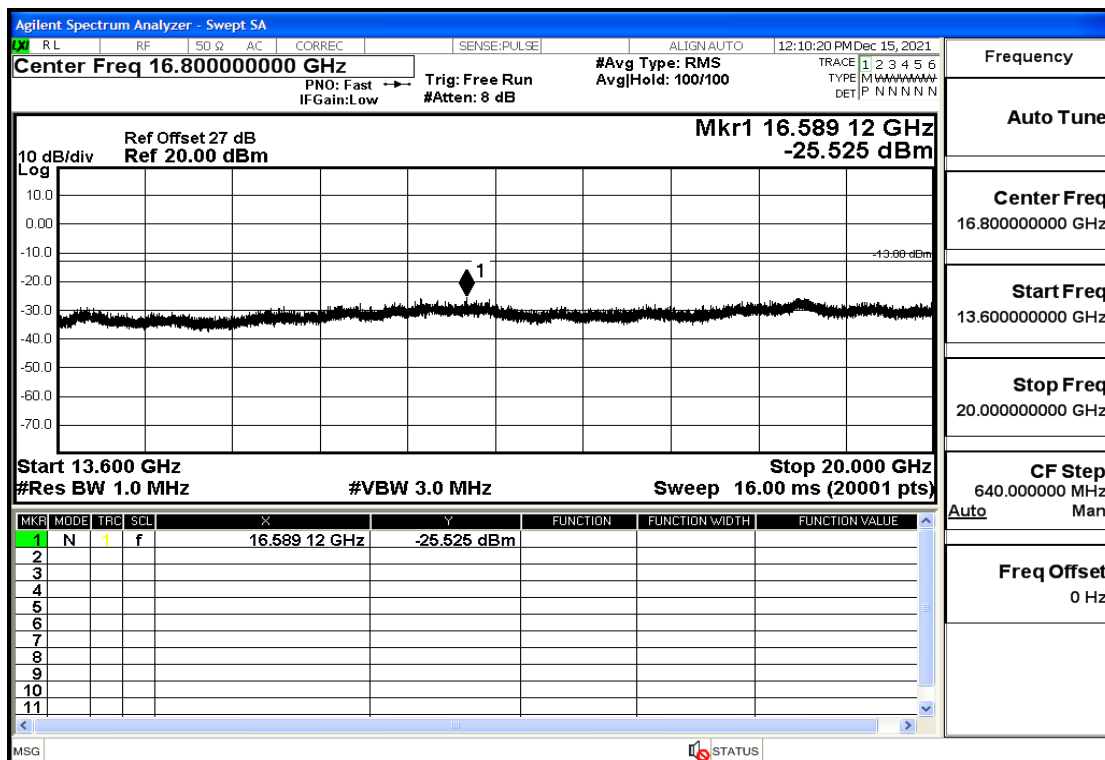
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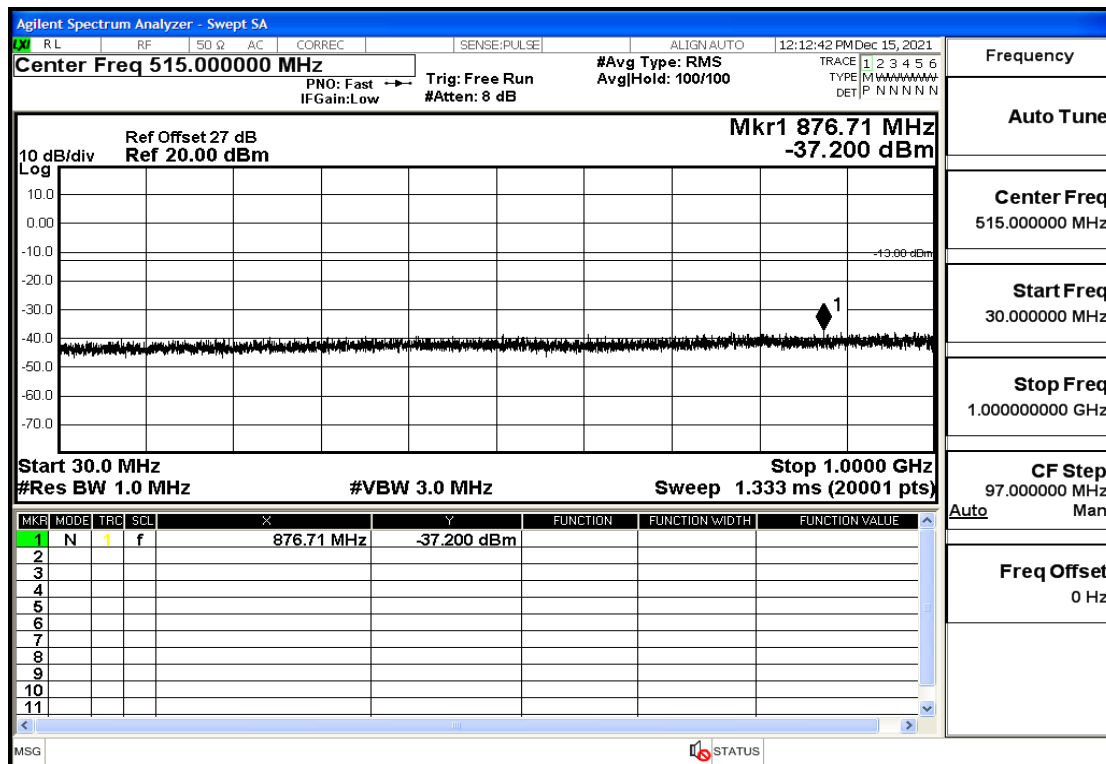
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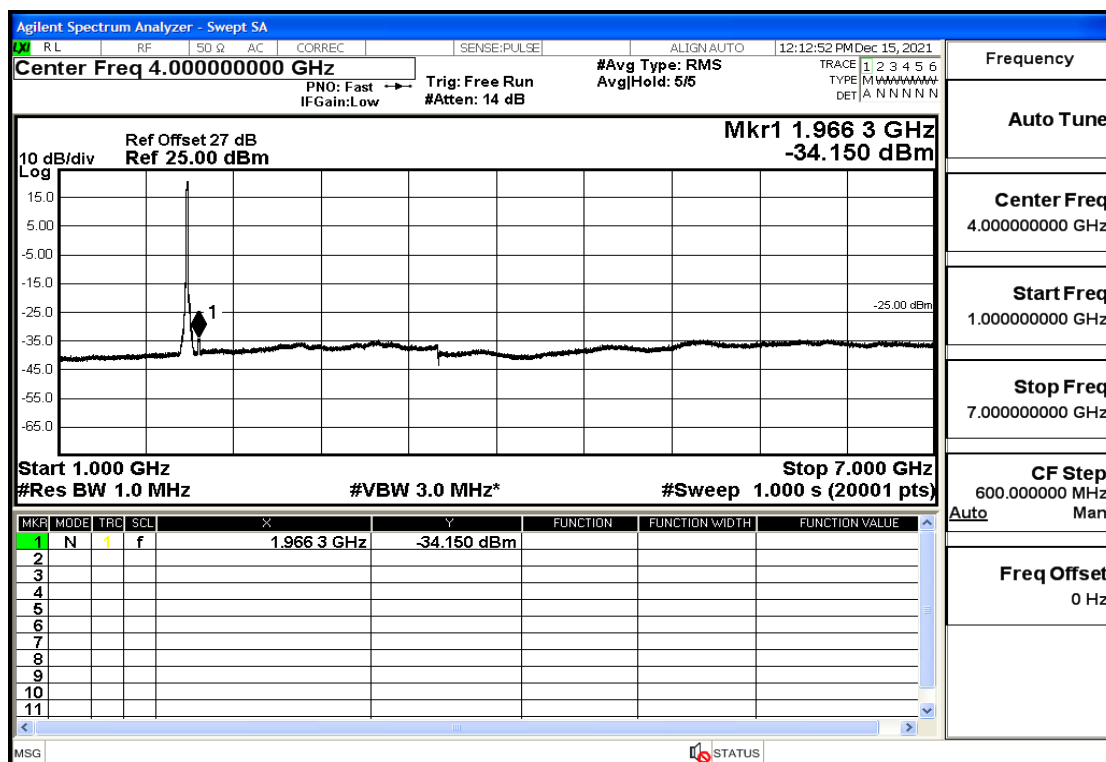
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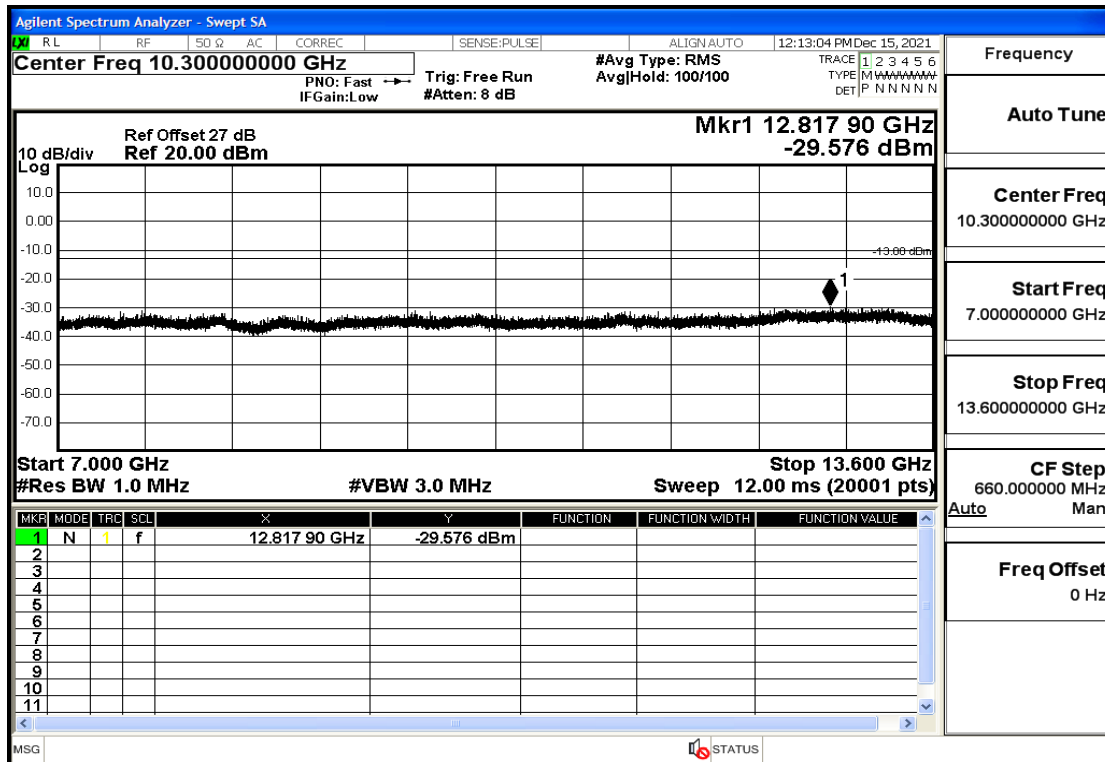
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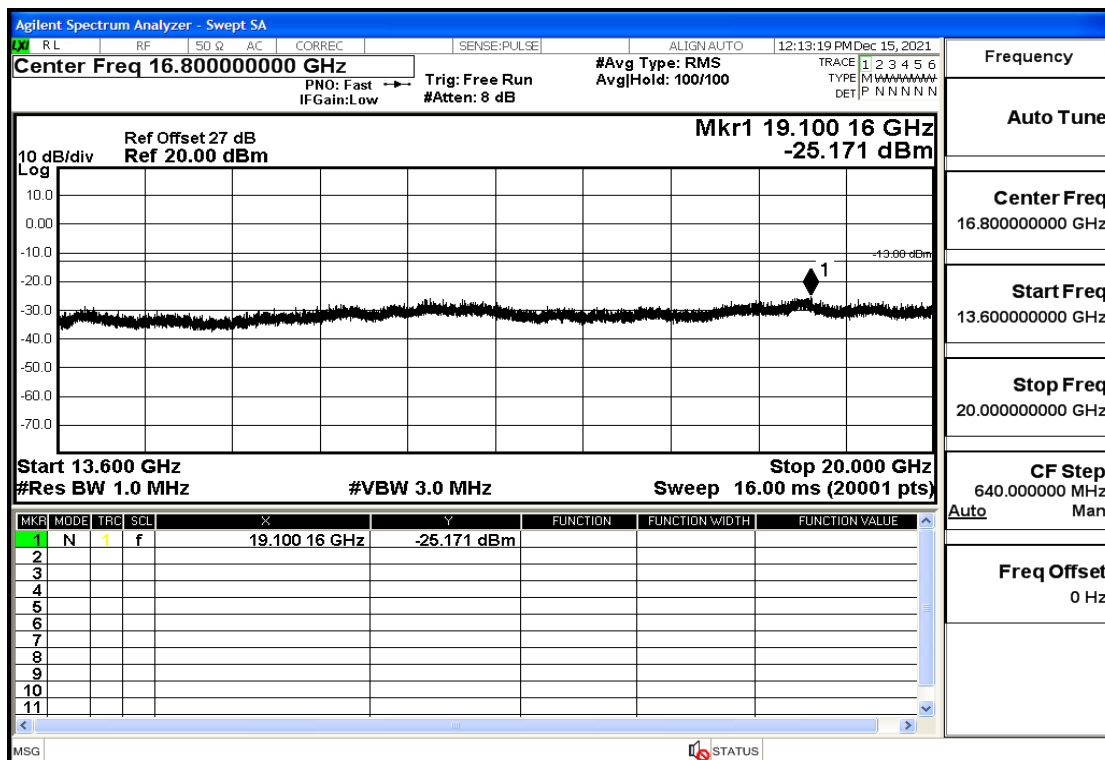
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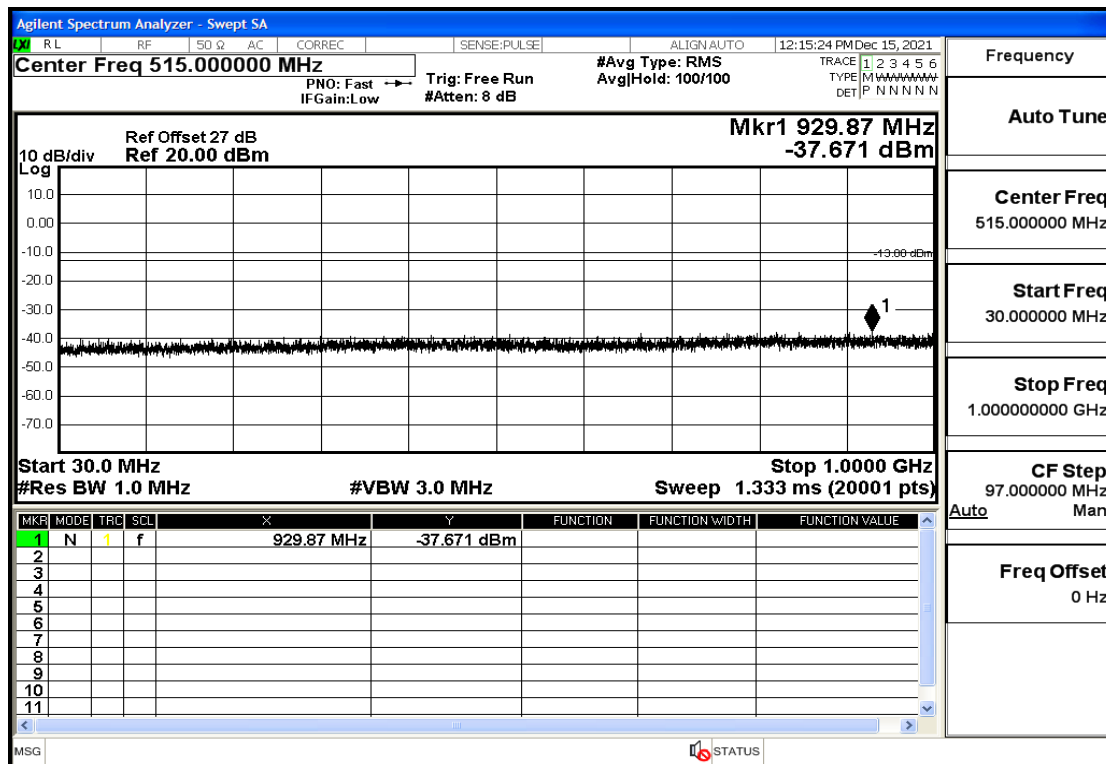
OB25-15-1882.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



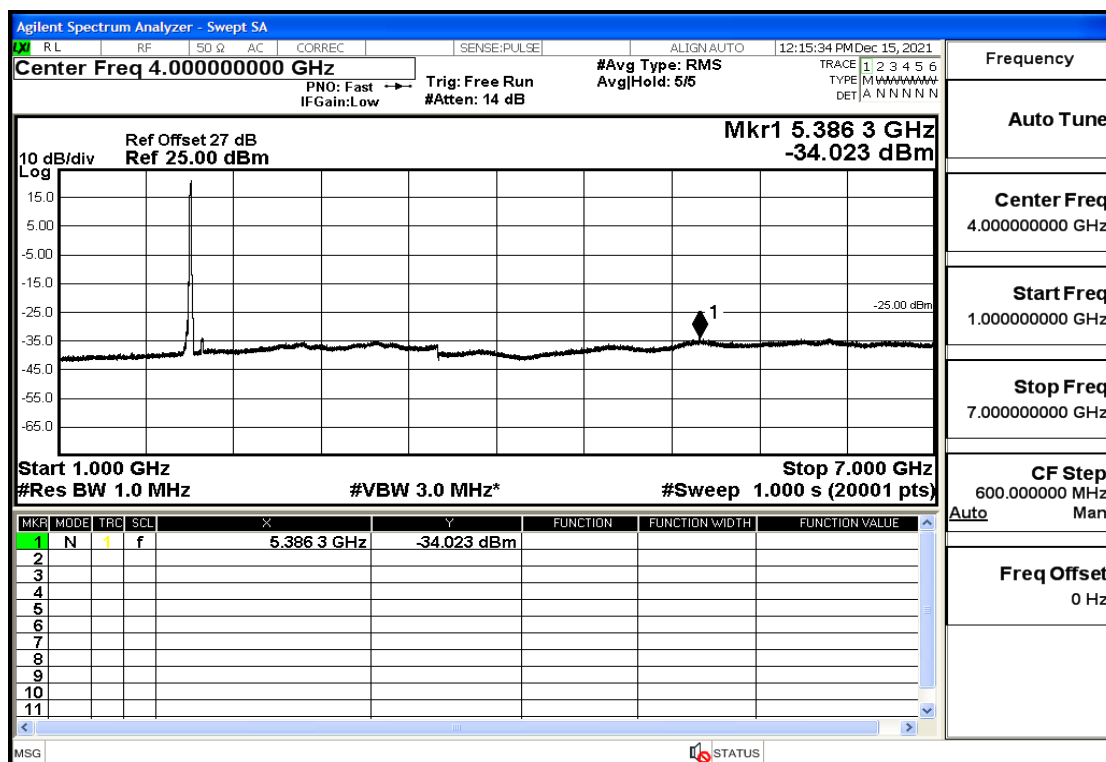
OB25-15-1882.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



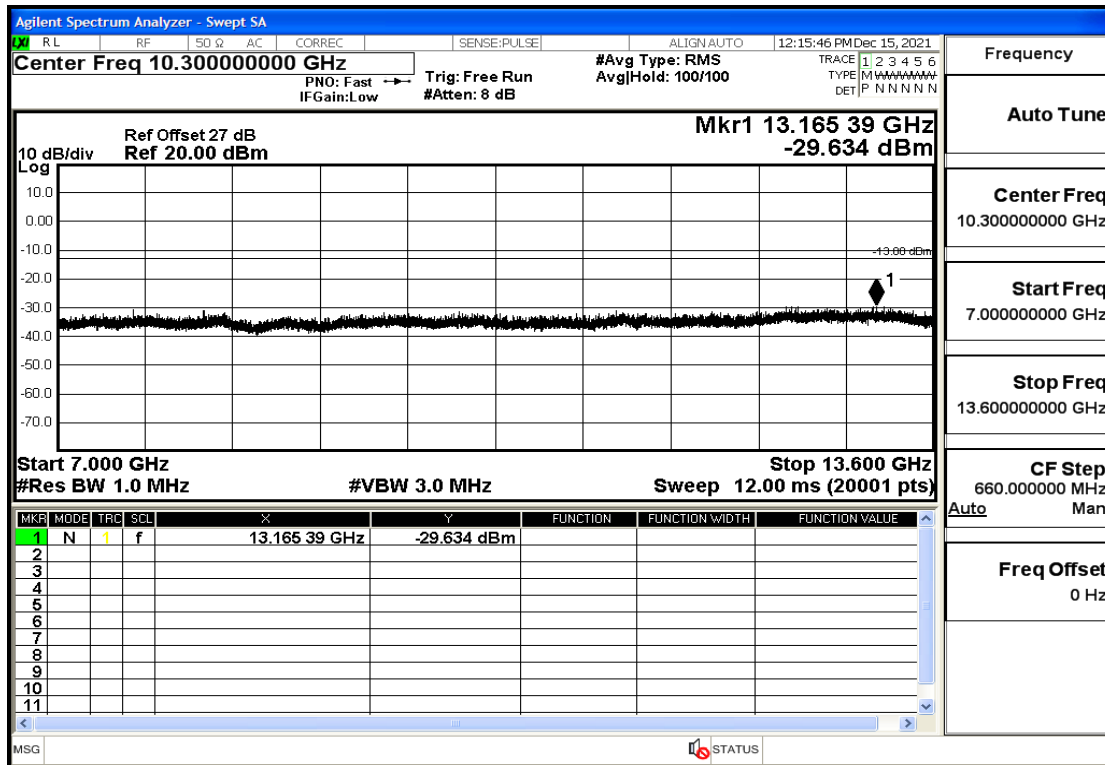
OB25-15-1907.5-QPSK-75#LOW@30mHz-1GHz@Pass



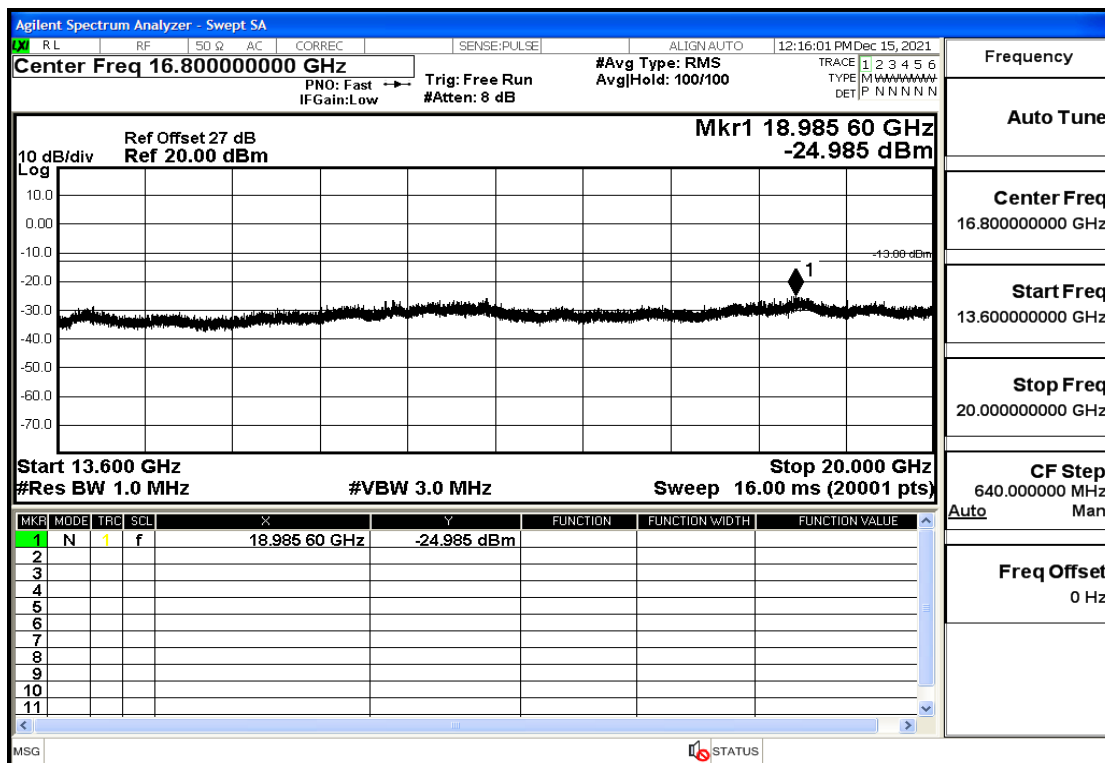
OB25-15-1907.5-QPSK-75#LOW@1GHz-7GHz@Pass



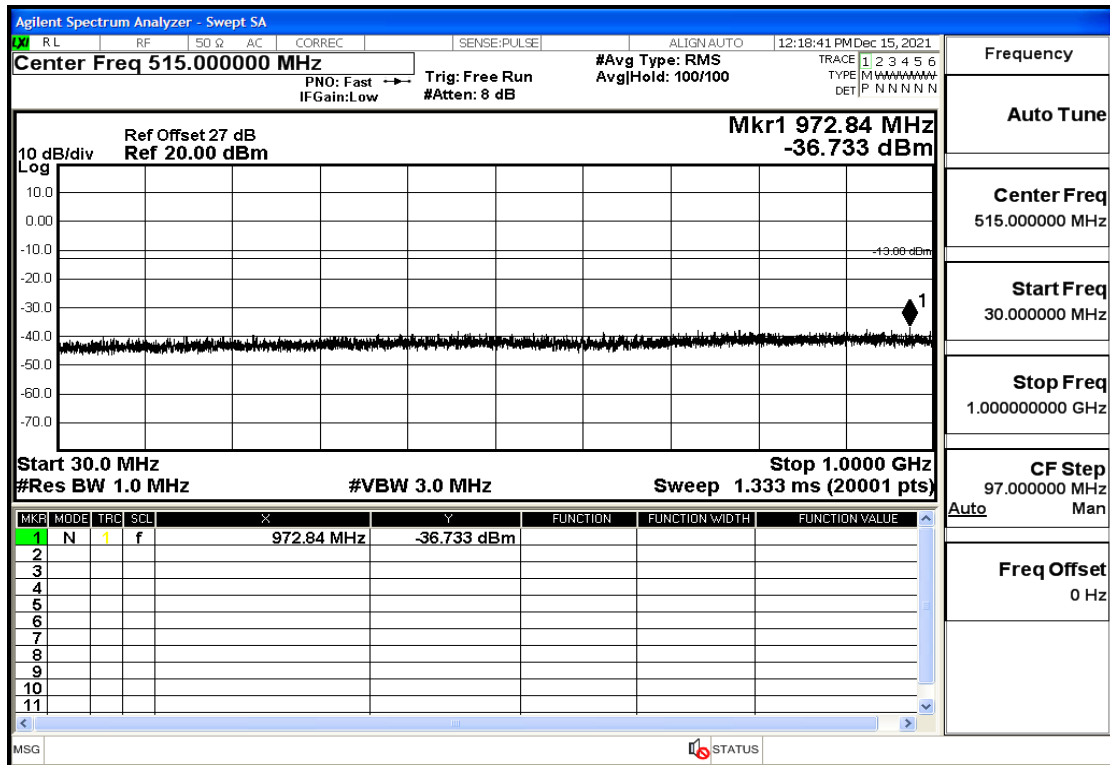
OB25-15-1907.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



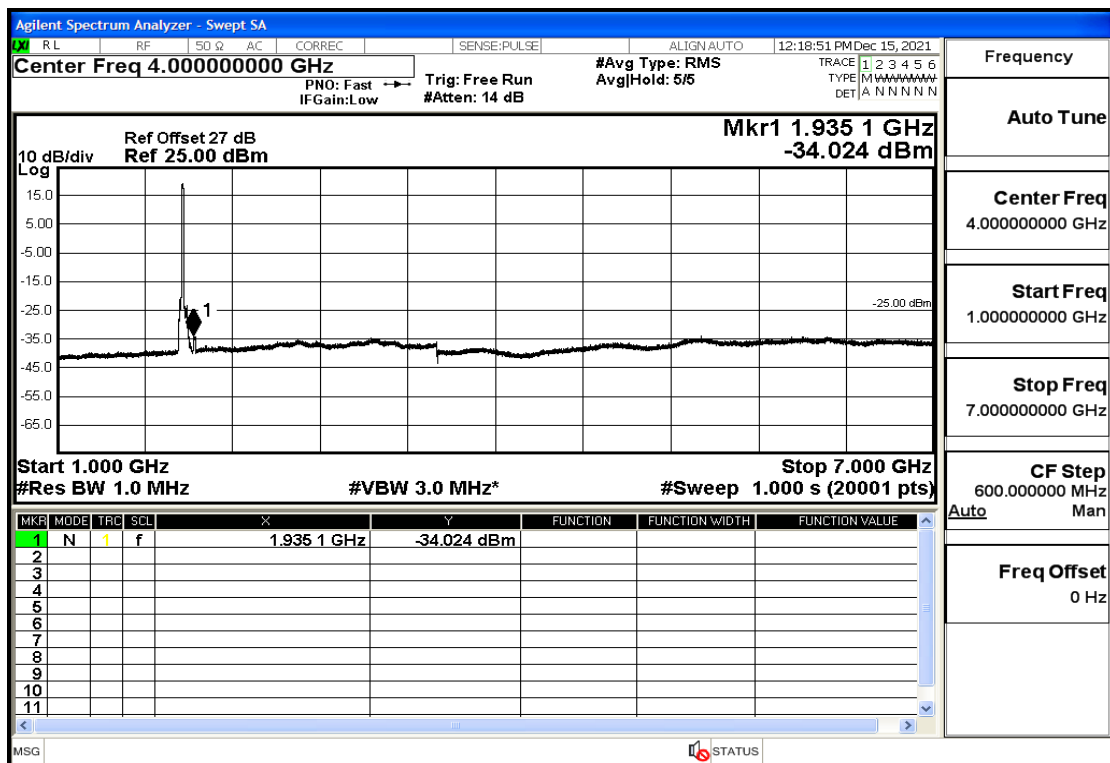
OB25-15-1907.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



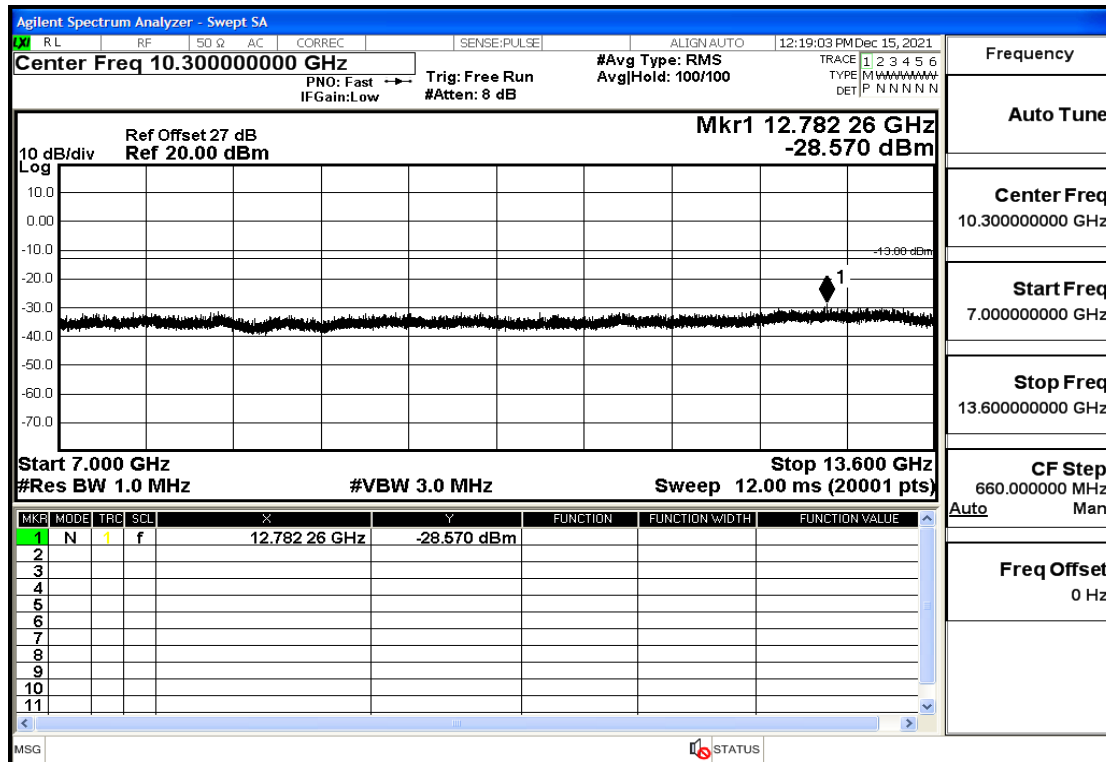
OB25-20-1860-QPSK-100#LOW@30mHz-1GHz@Pass



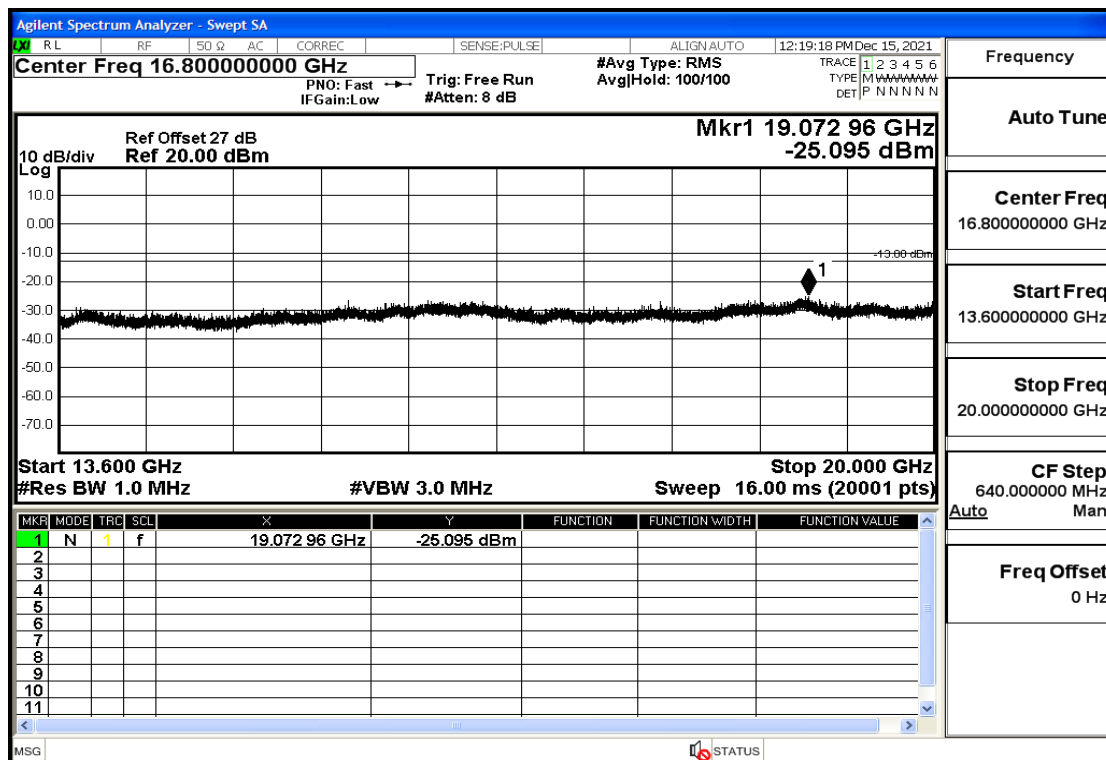
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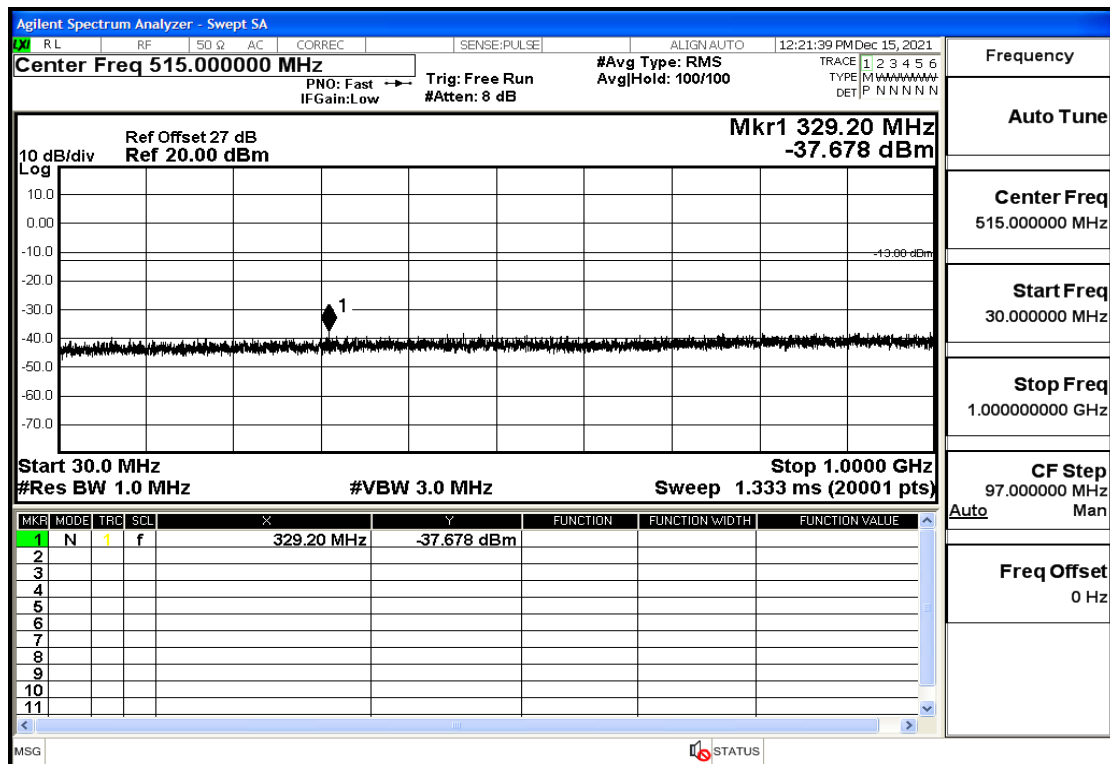
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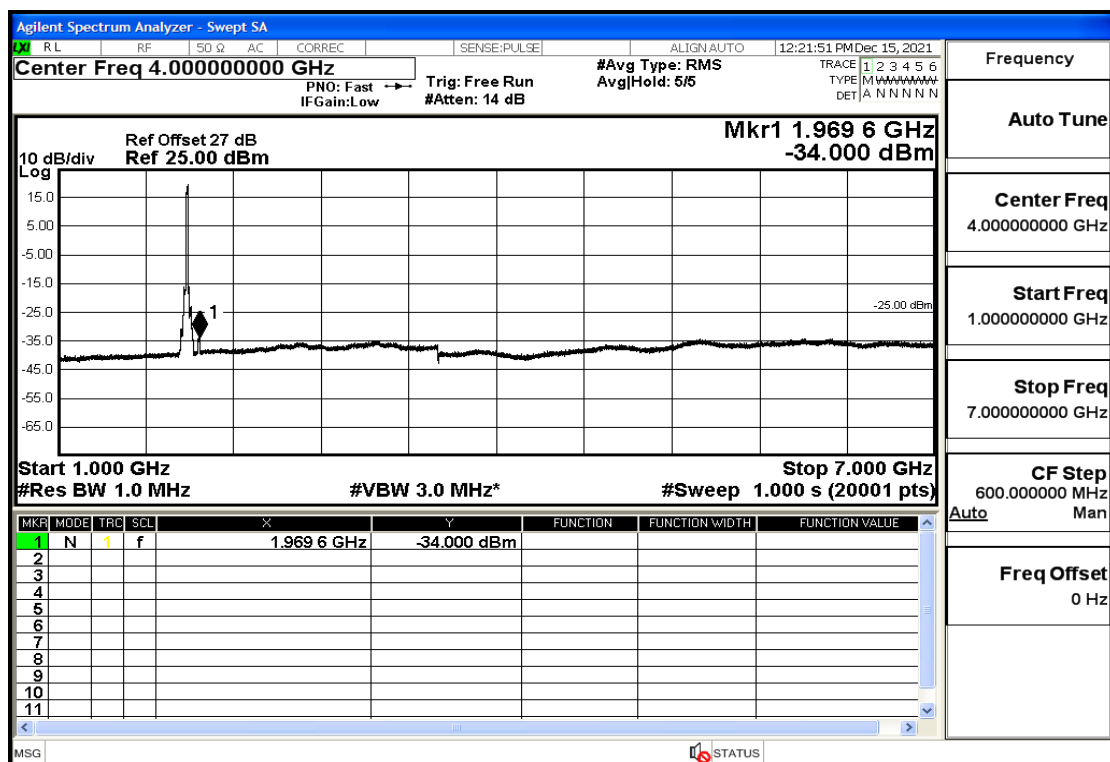
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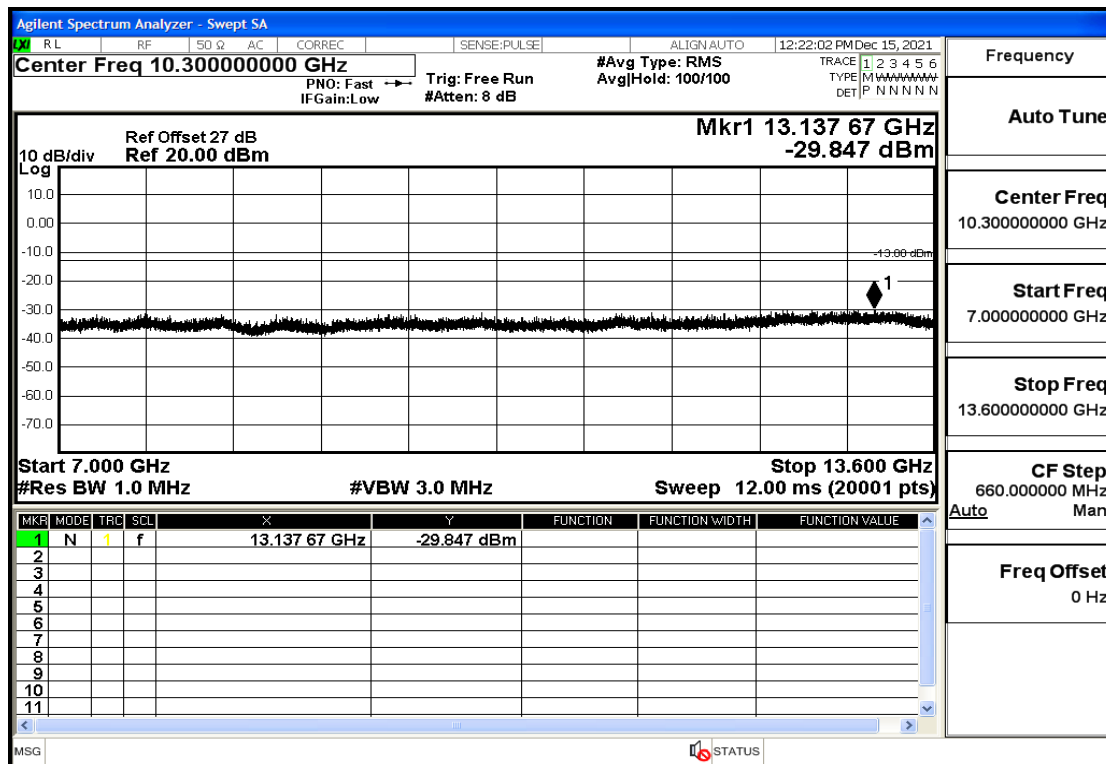
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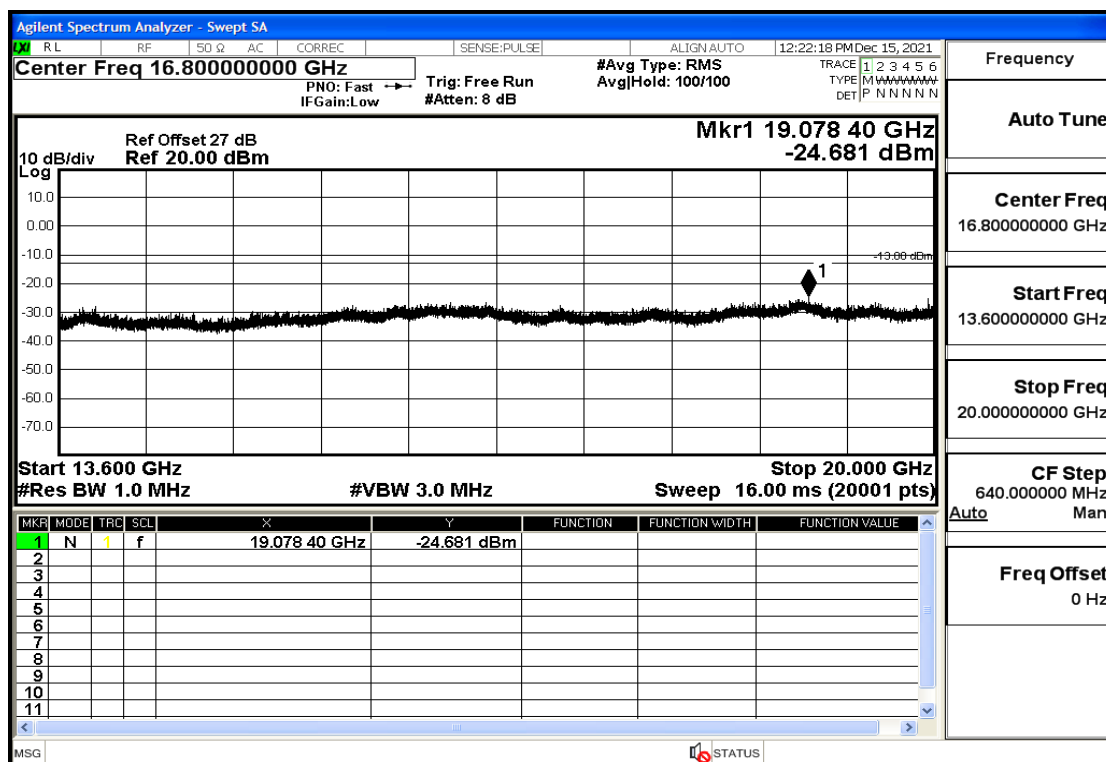
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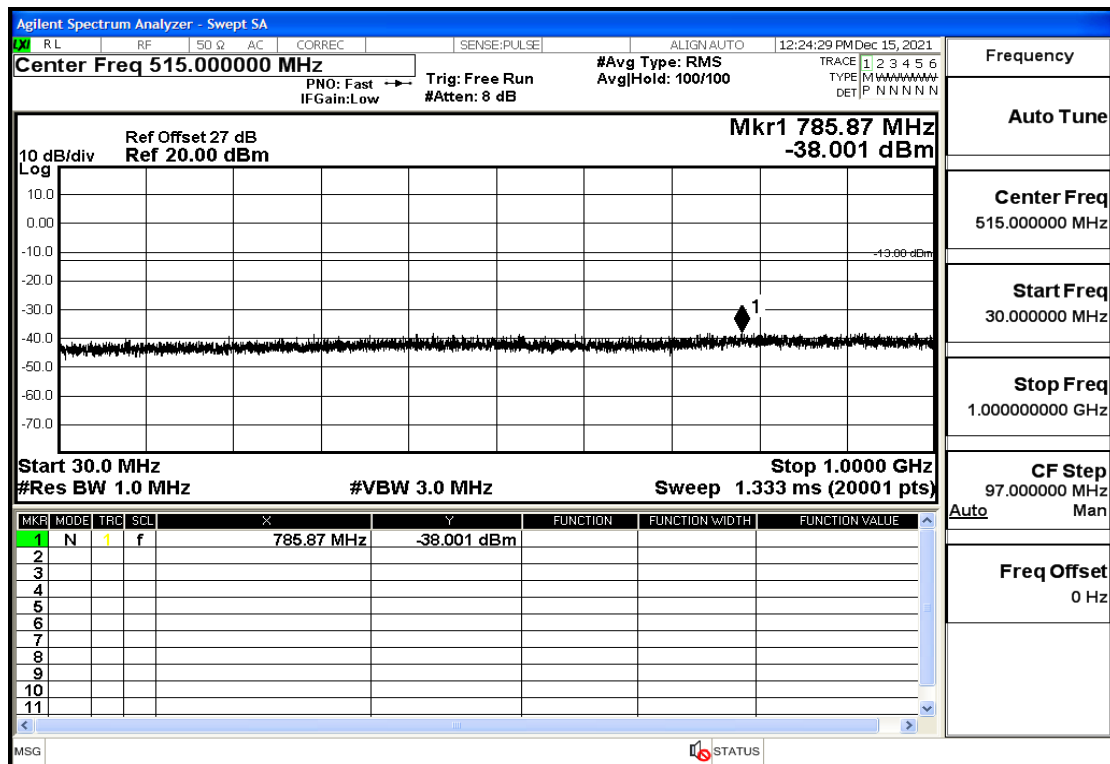
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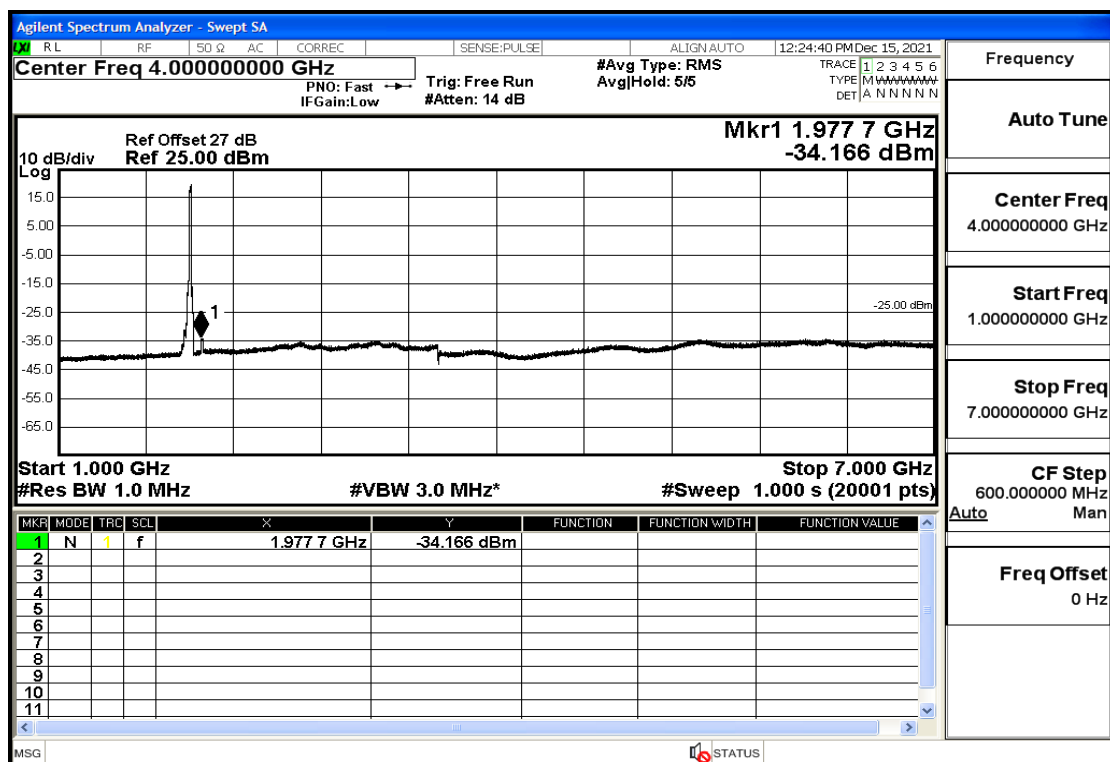
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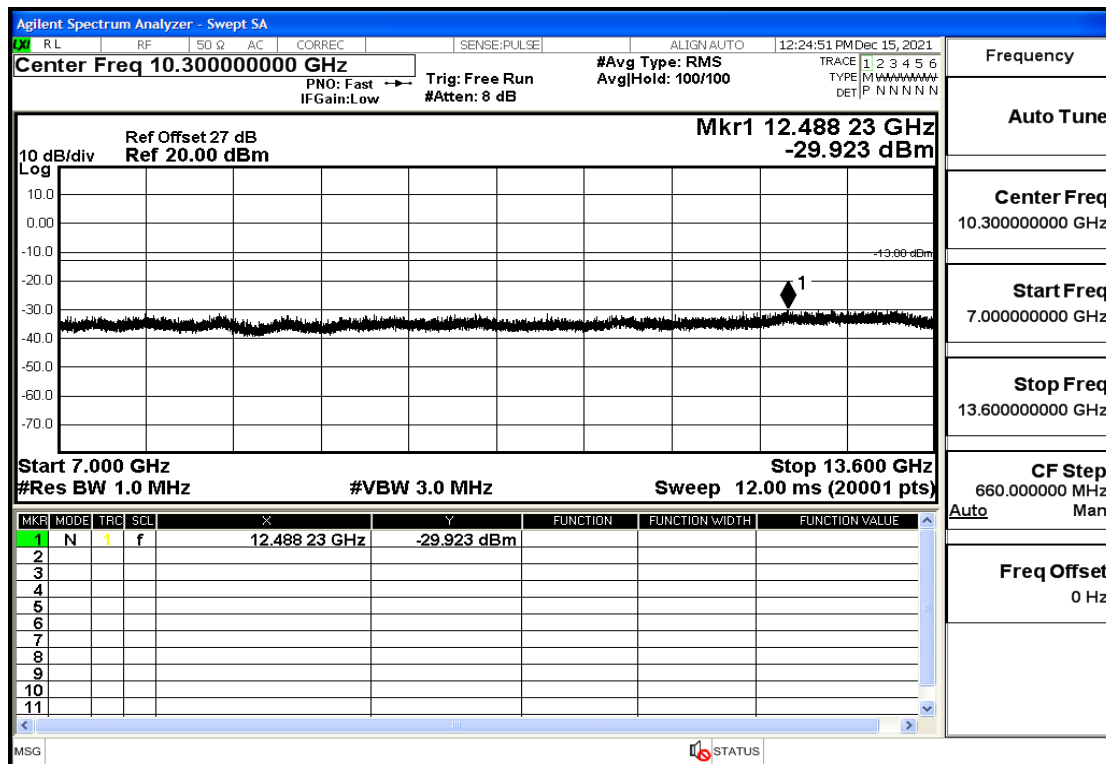
OB25-20-1905-QPSK-100#LOW@30mHz-1GHz@Pass



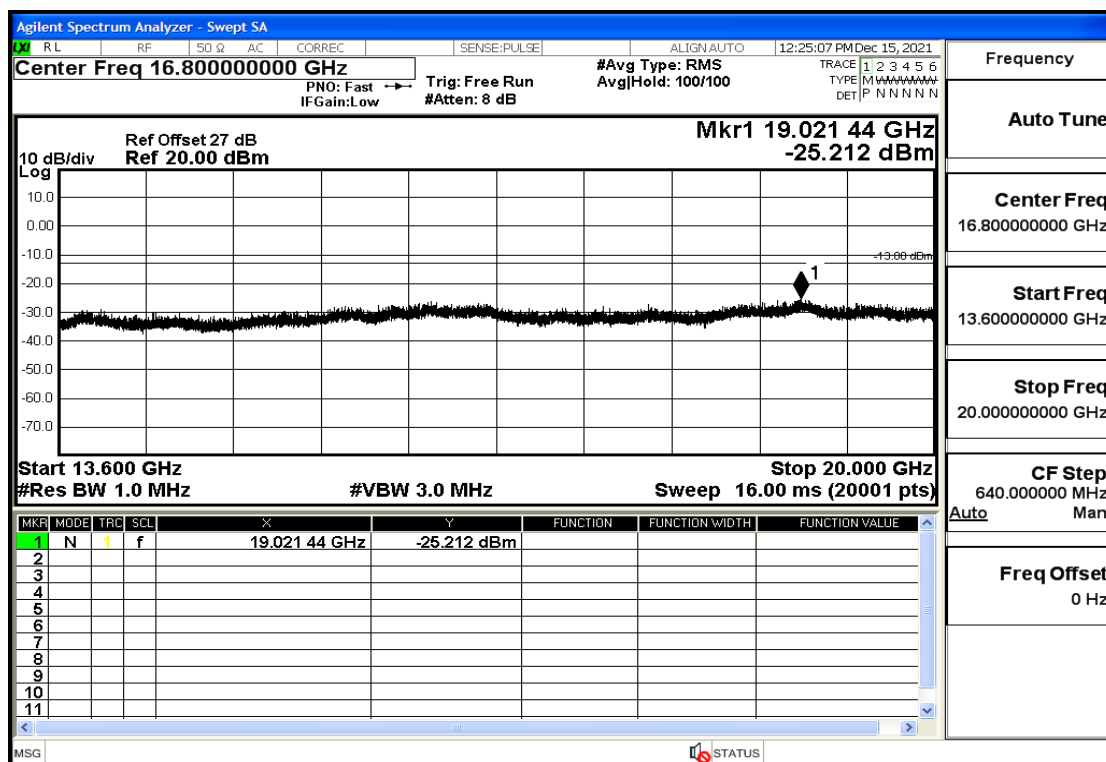
OB25-20-1905-QPSK-100#LOW@1GHz-7GHz@Pass



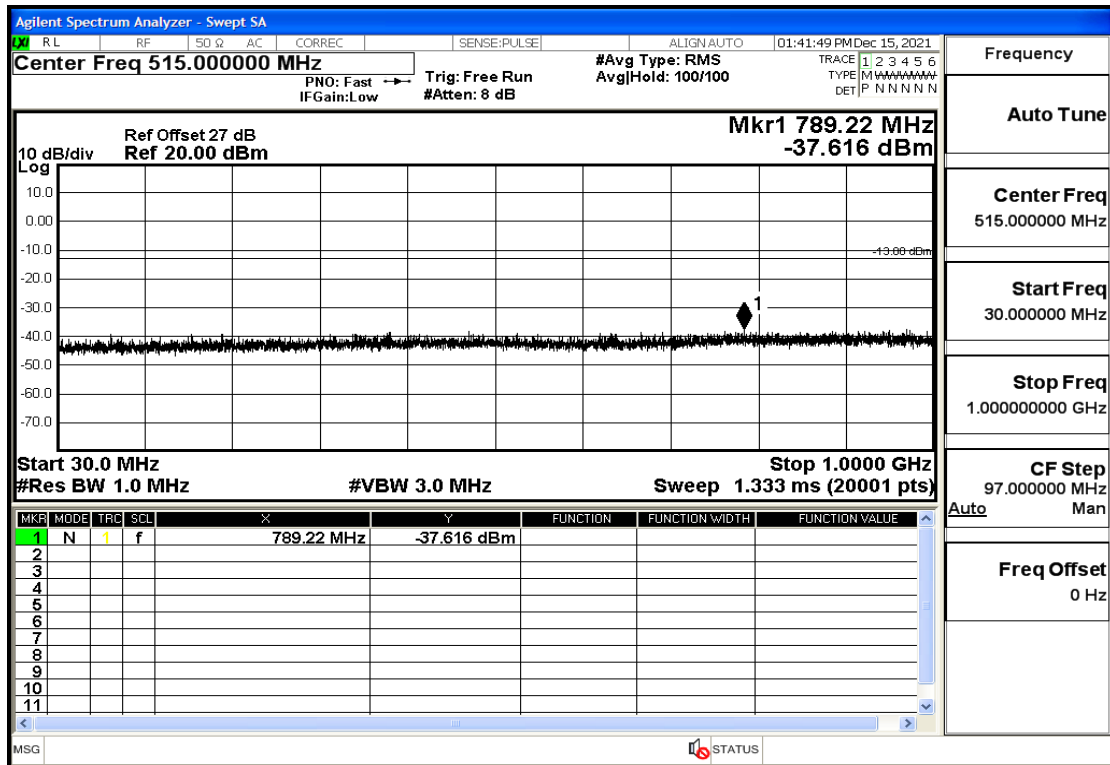
OB25-20-1905-QPSK-100#LOW@7GHz-13.6GHz@Pass



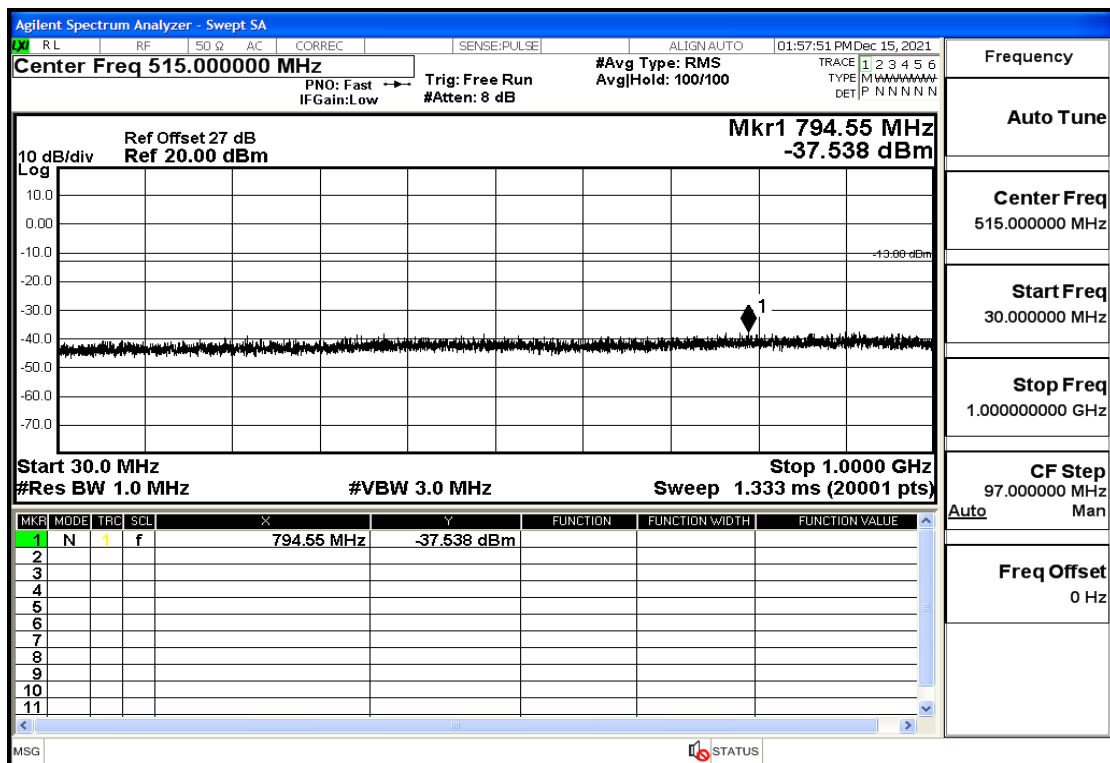
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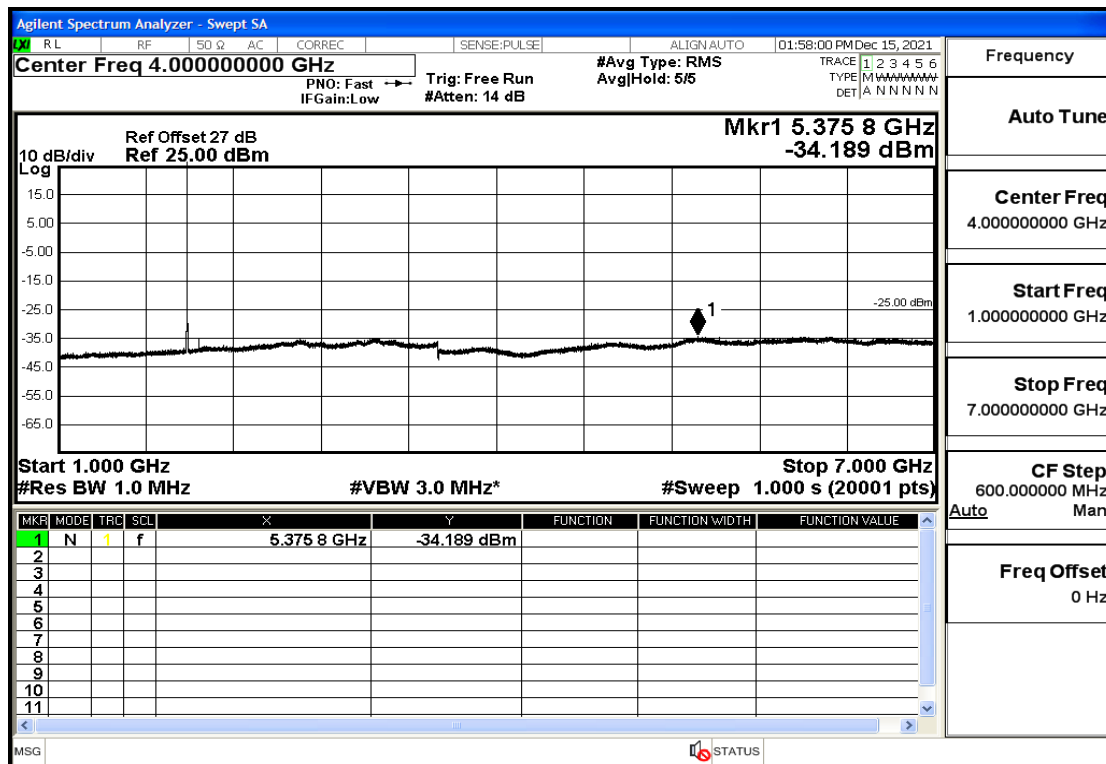
OB25-1.4-1850.7-Q16-6#LOW@30mHz-1GHz@Pass



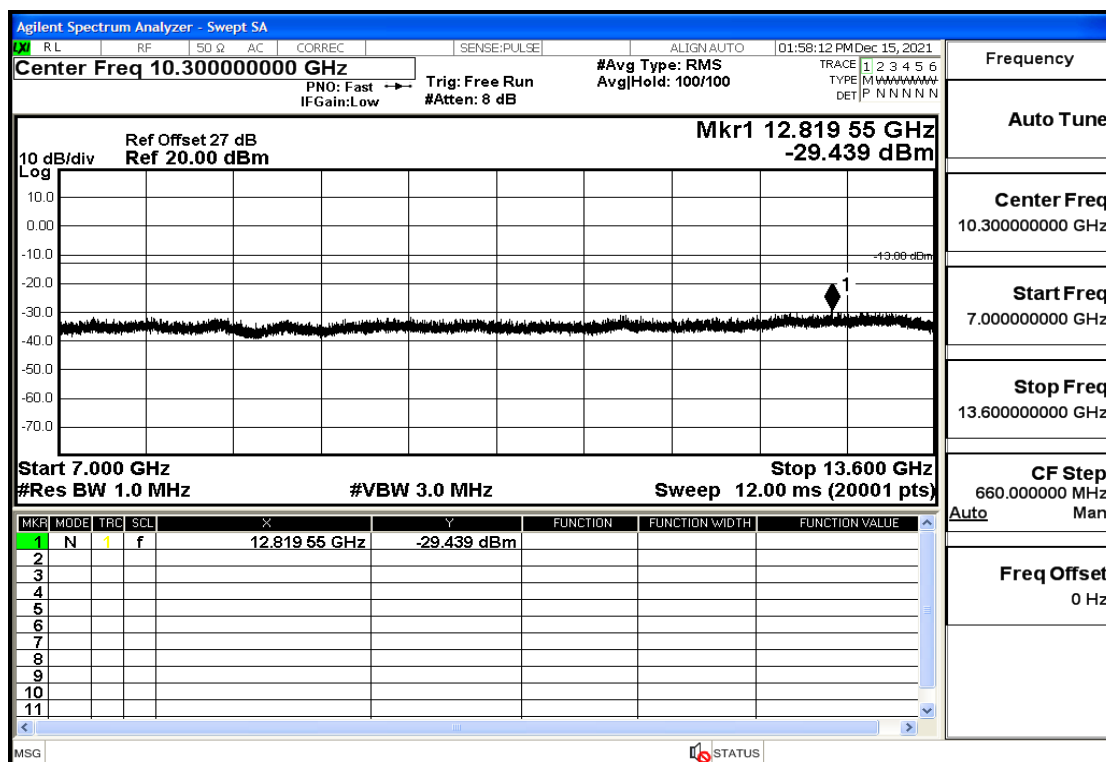
OB25-1.4-1882.5-Q16-6#LOW@30mHz-1GHz@Pass



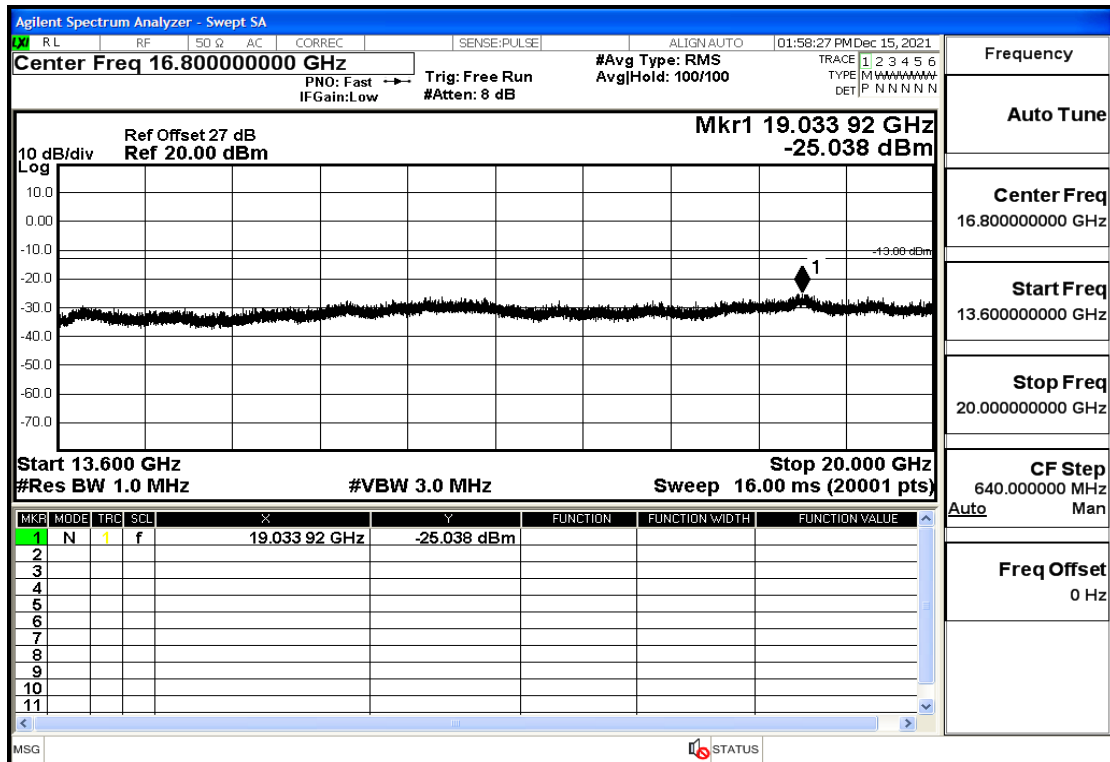
OB25-1.4-1882.5-Q16-6#LOW@1GHz-7GHz@Pass



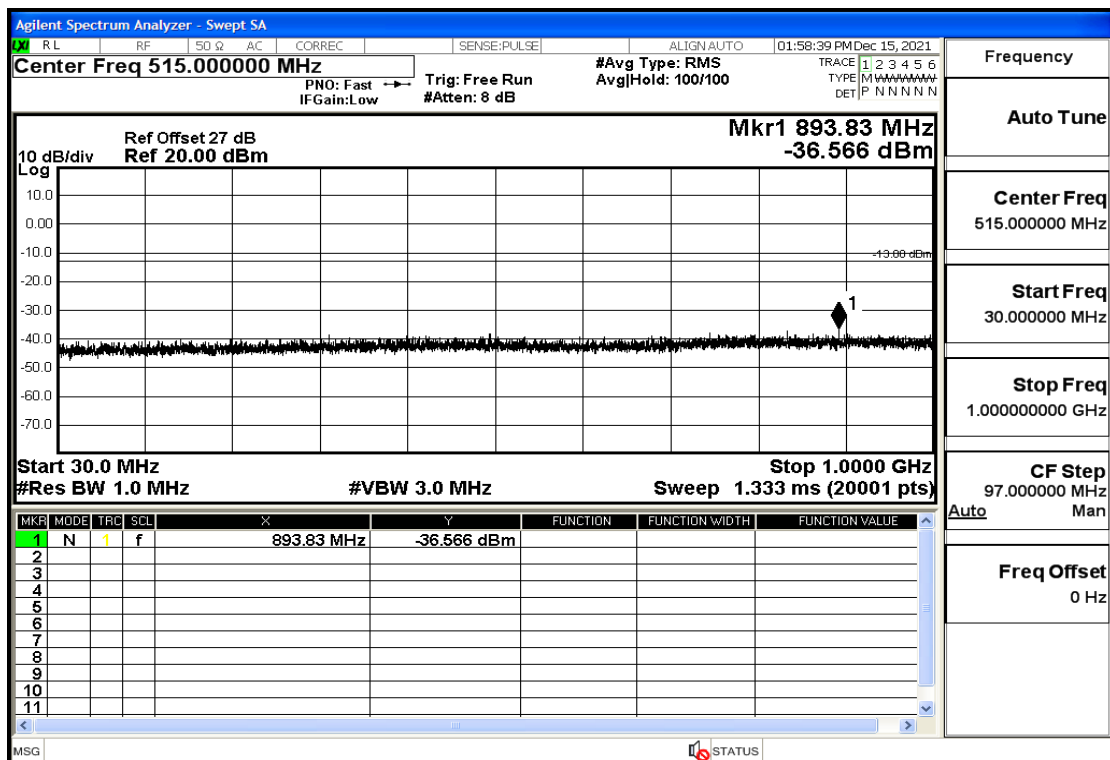
OB25-1.4-1882.5-Q16-6#LOW@7GHz-13.6GHz@Pass



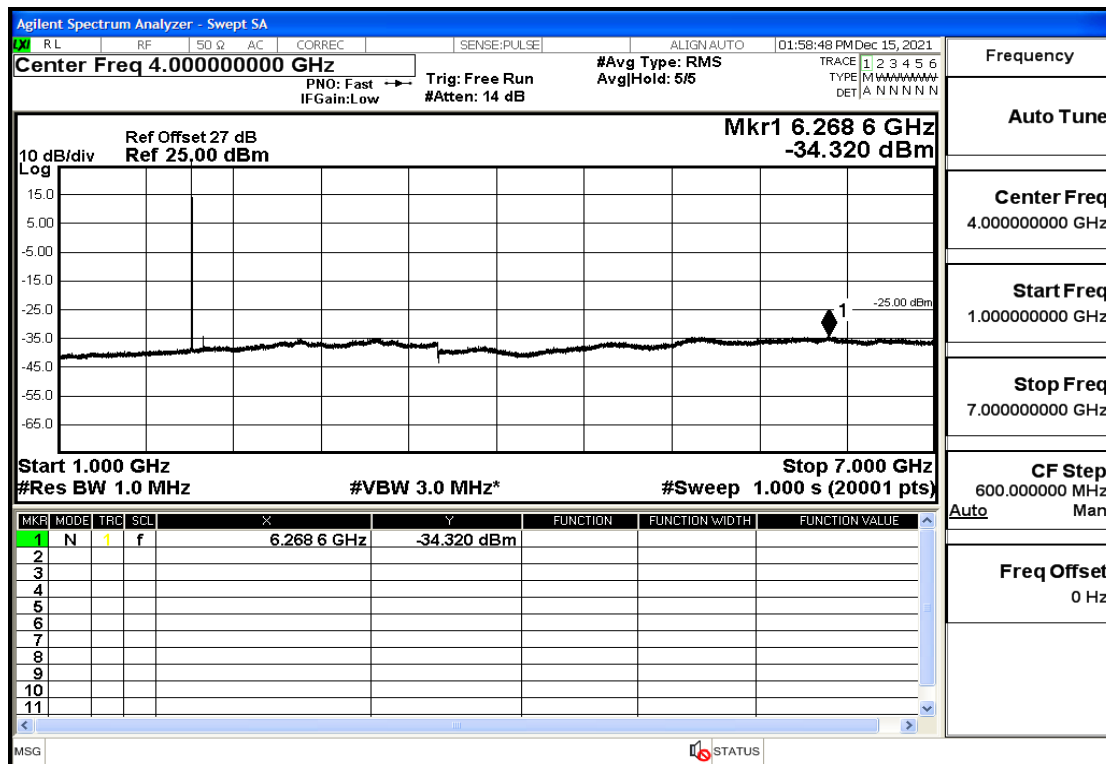
OB25-1.4-1882.5-Q16-6#LOW@13.6GHz-20GHz@Pass



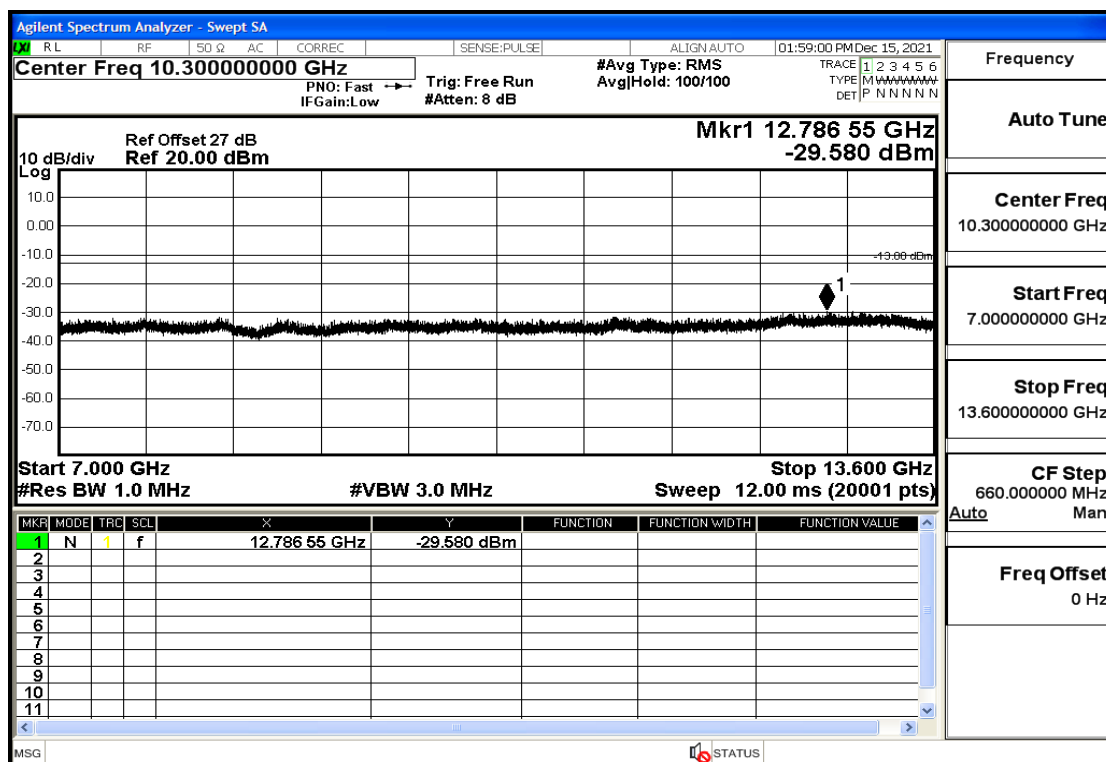
OB25-1.4-1914.3-Q16-6#LOW@30mHz-1GHz@Pass



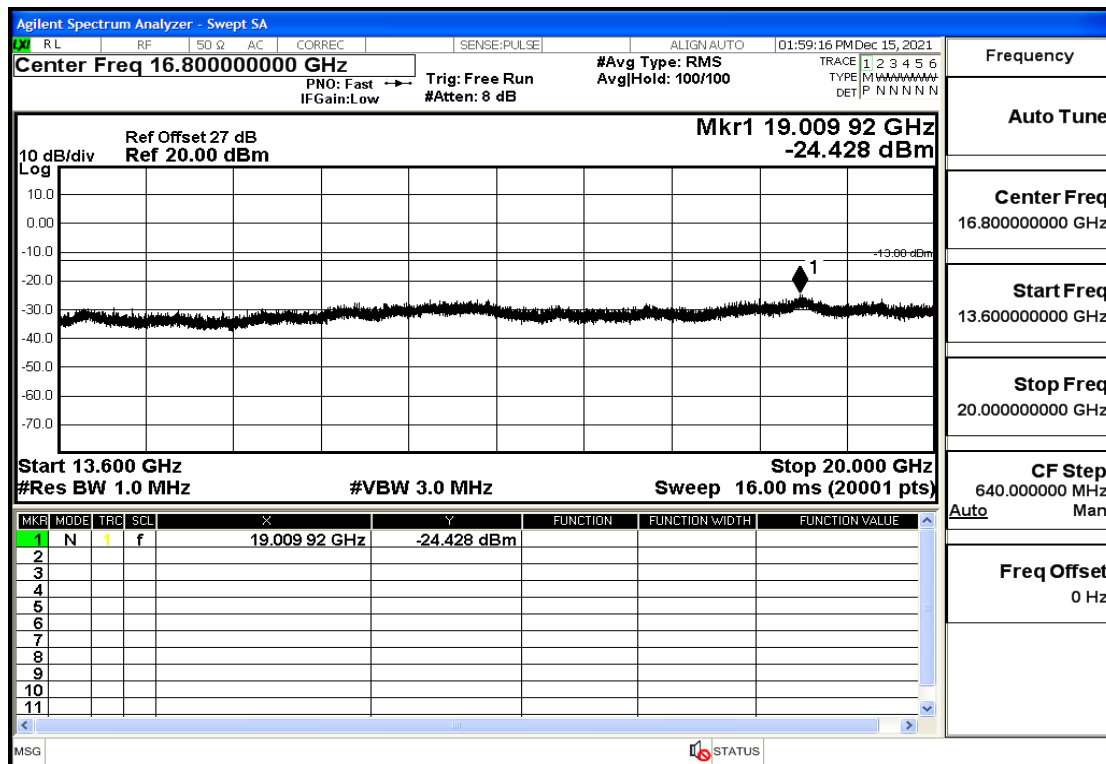
OB25-1.4-1914.3-Q16-6#LOW@1GHz-7GHz@Pass



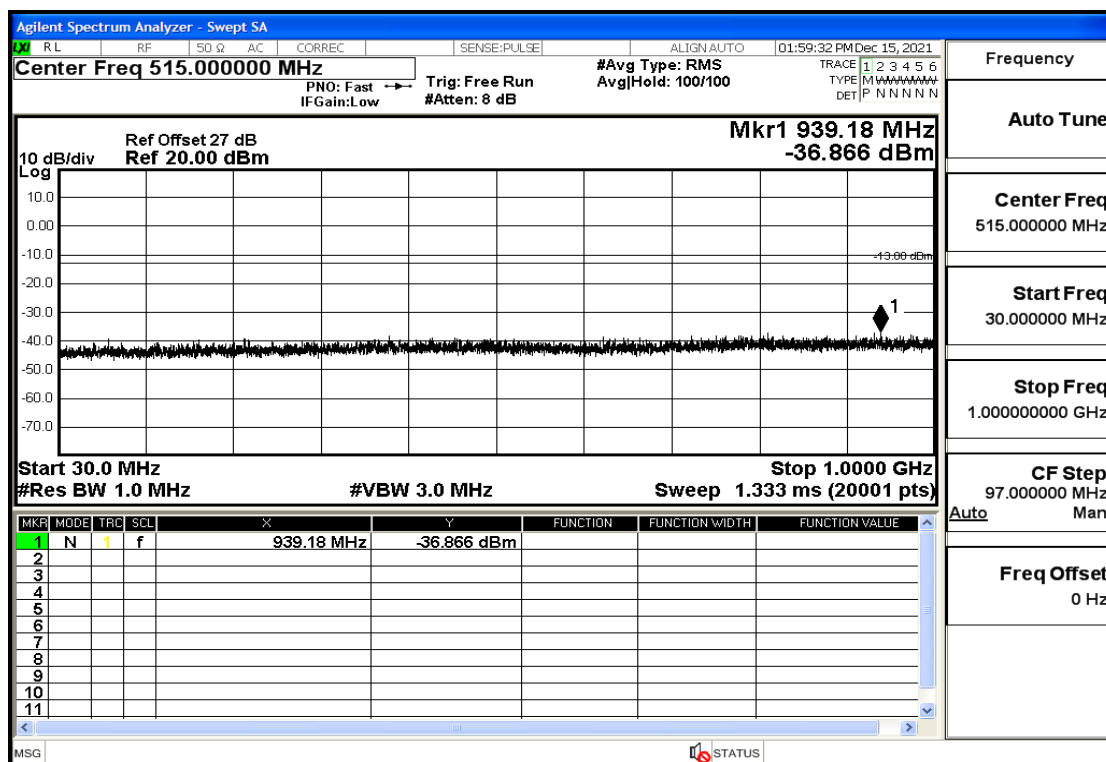
OB25-1.4-1914.3-Q16-6#LOW@7GHz-13.6GHz@Pass



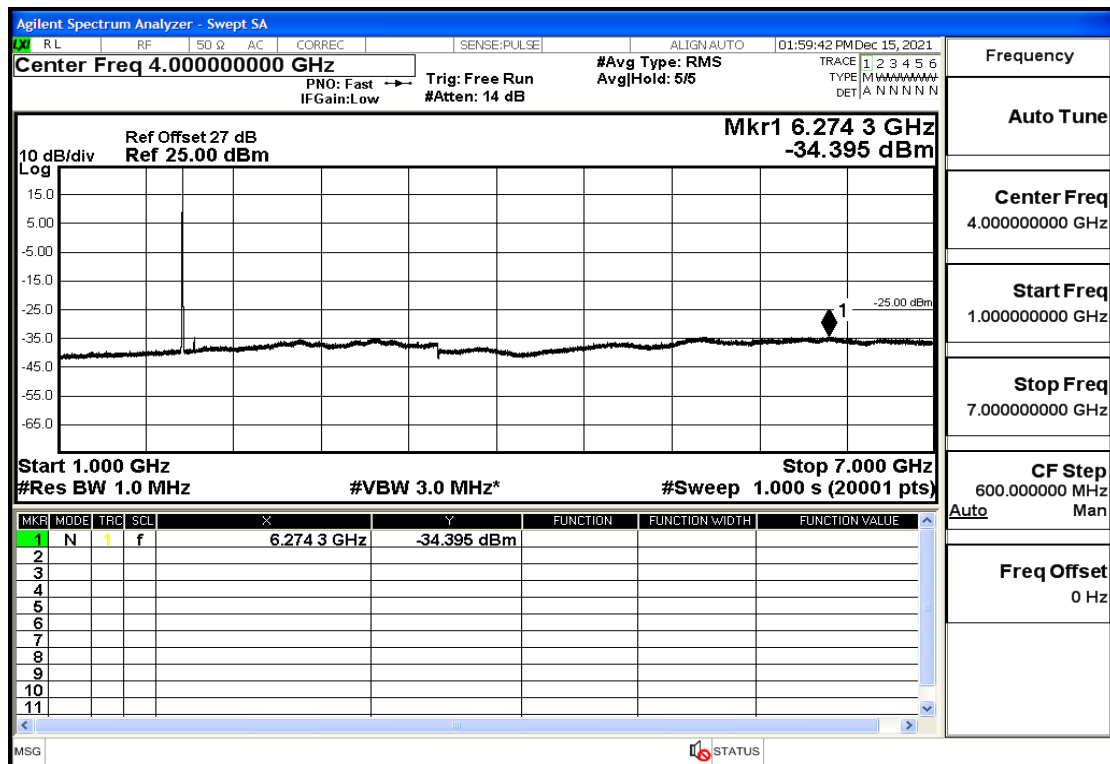
OB25-1.4-1914.3-Q16-6#LOW@13.6GHz-20GHz@Pass



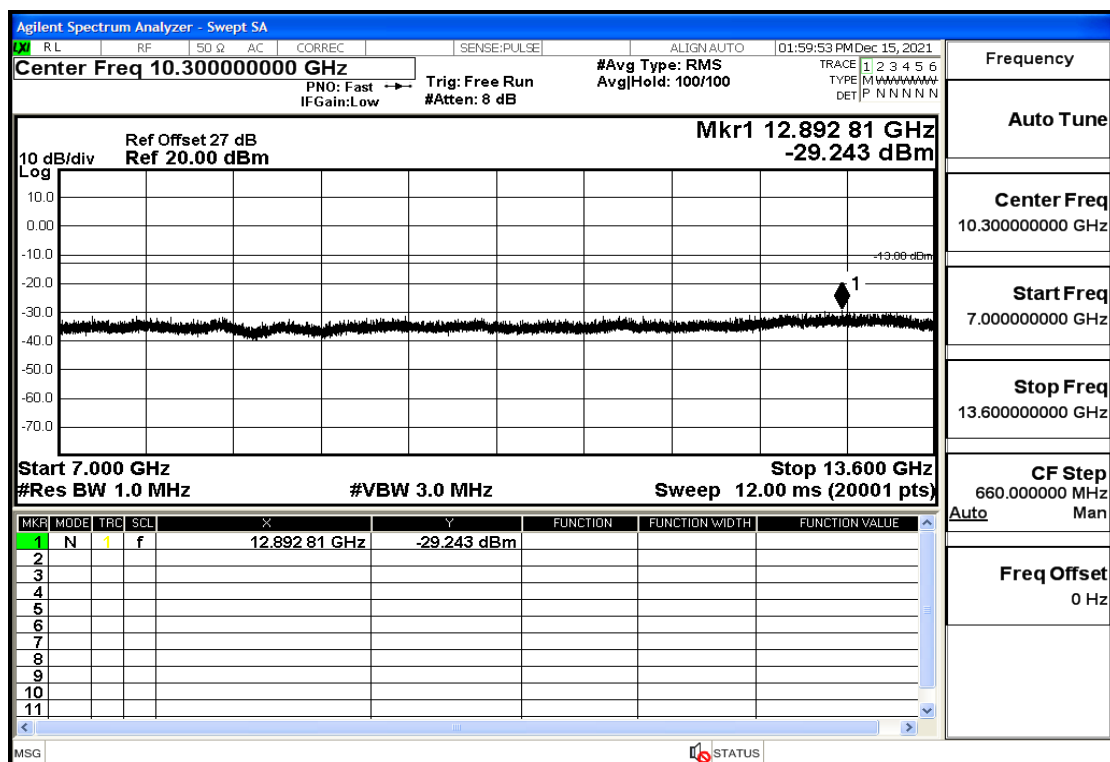
OB25-3-1851.5-Q16-15#LOW@30mHz-1GHz@Pass



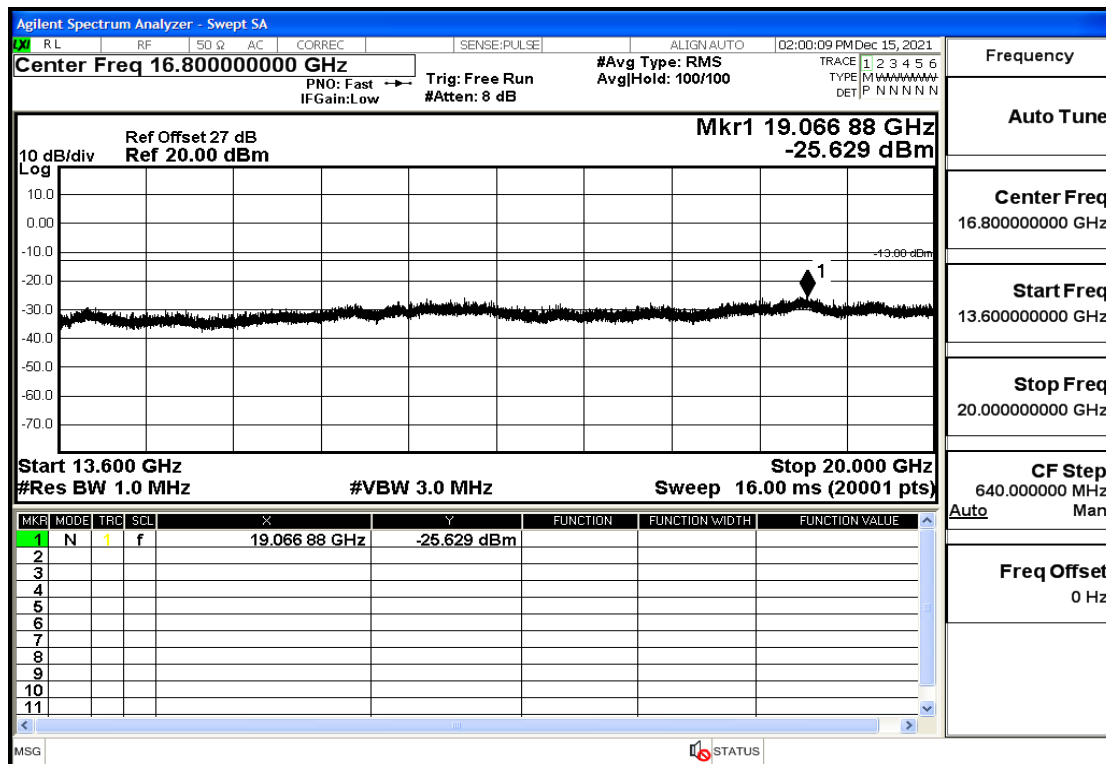
OB25-3-1851.5-Q16-15#LOW@1GHz-7GHz@Pass



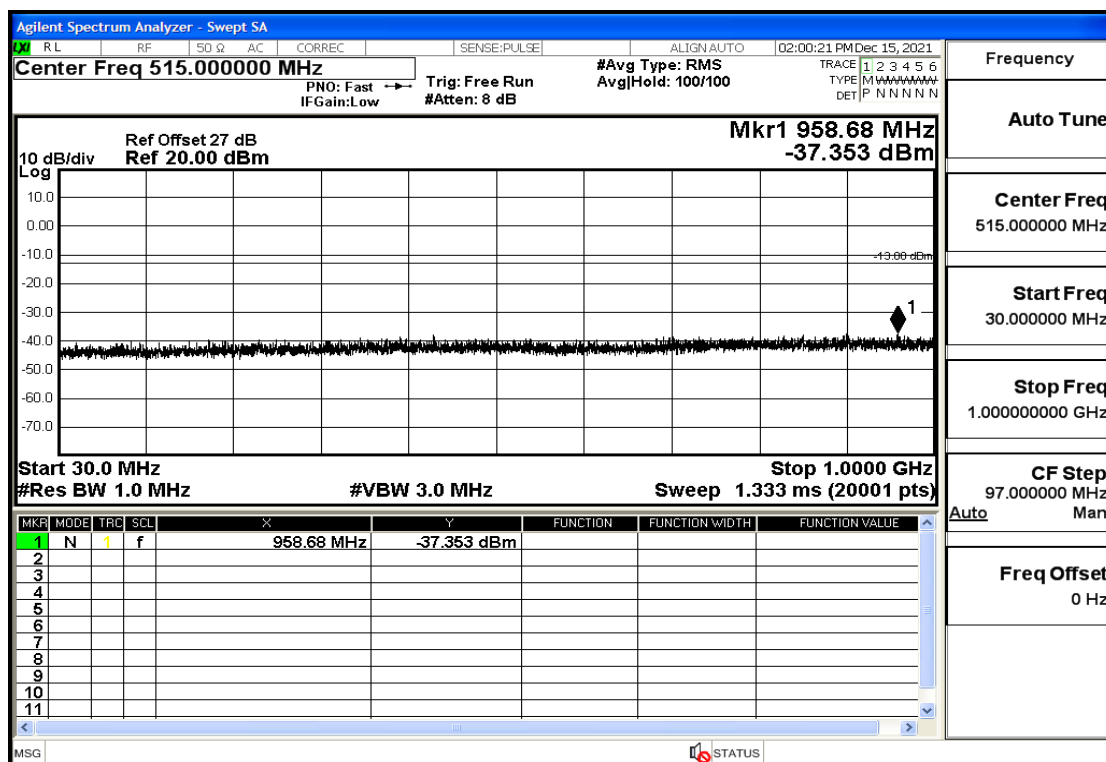
OB25-3-1851.5-Q16-15#LOW@7GHz-13.6GHz@Pass



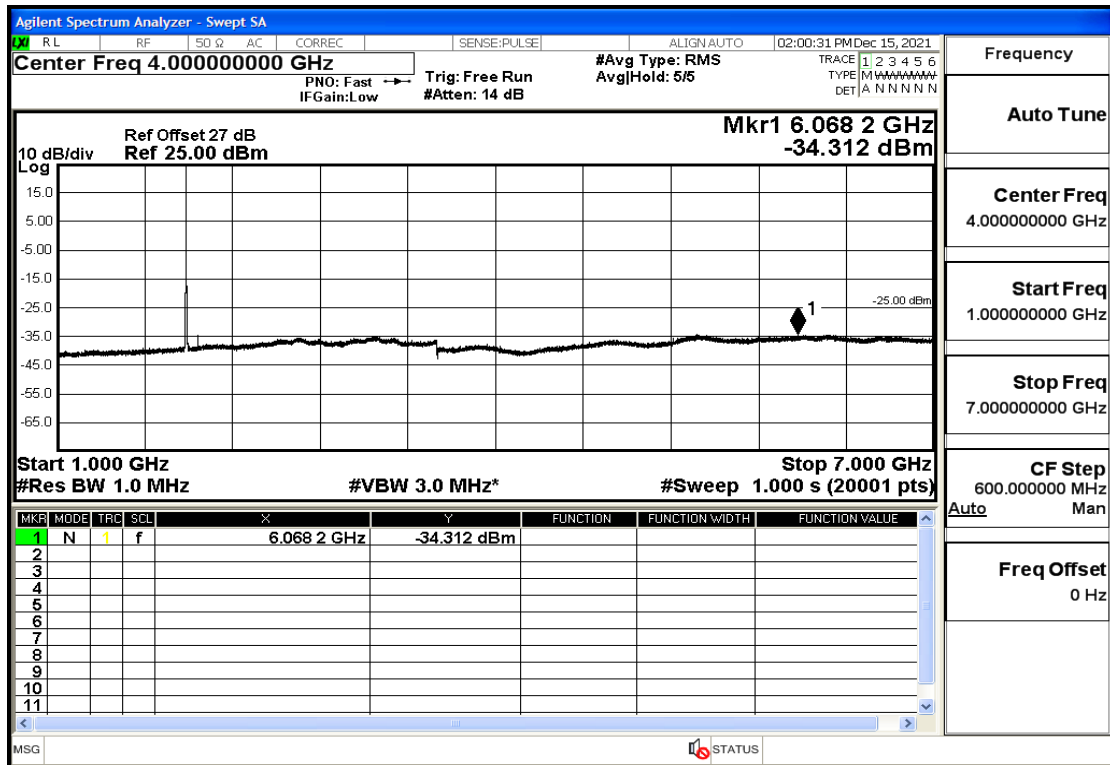
OB25-3-1851.5-Q16-15#LOW@13.6GHz-20GHz@Pass



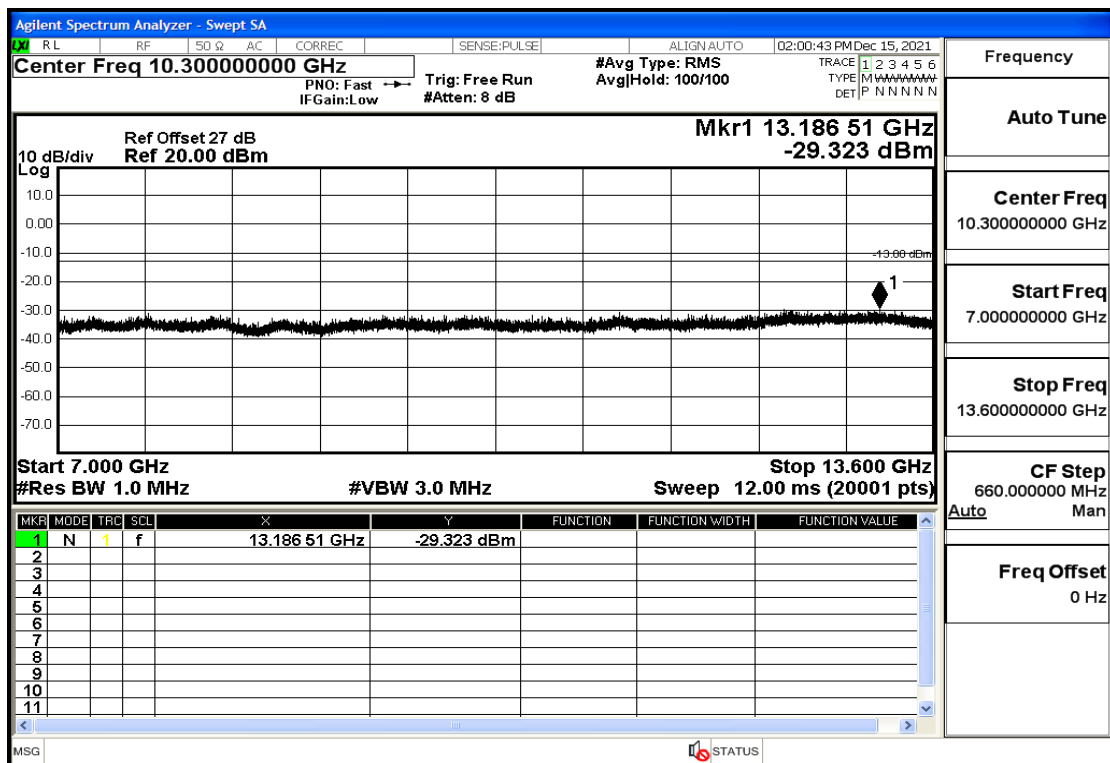
OB25-3-1882.5-Q16-15#LOW@30mHz-1GHz@Pass



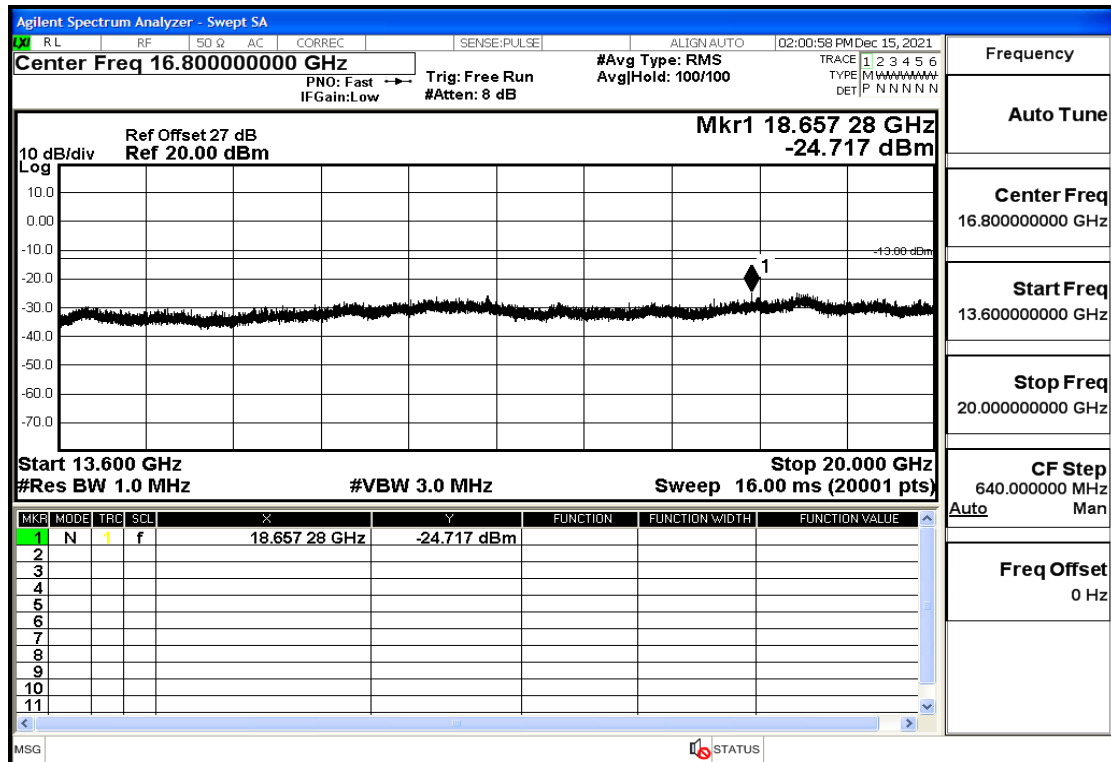
OB25-3-1882.5-Q16-15#LOW@1GHz-7GHz@Pass



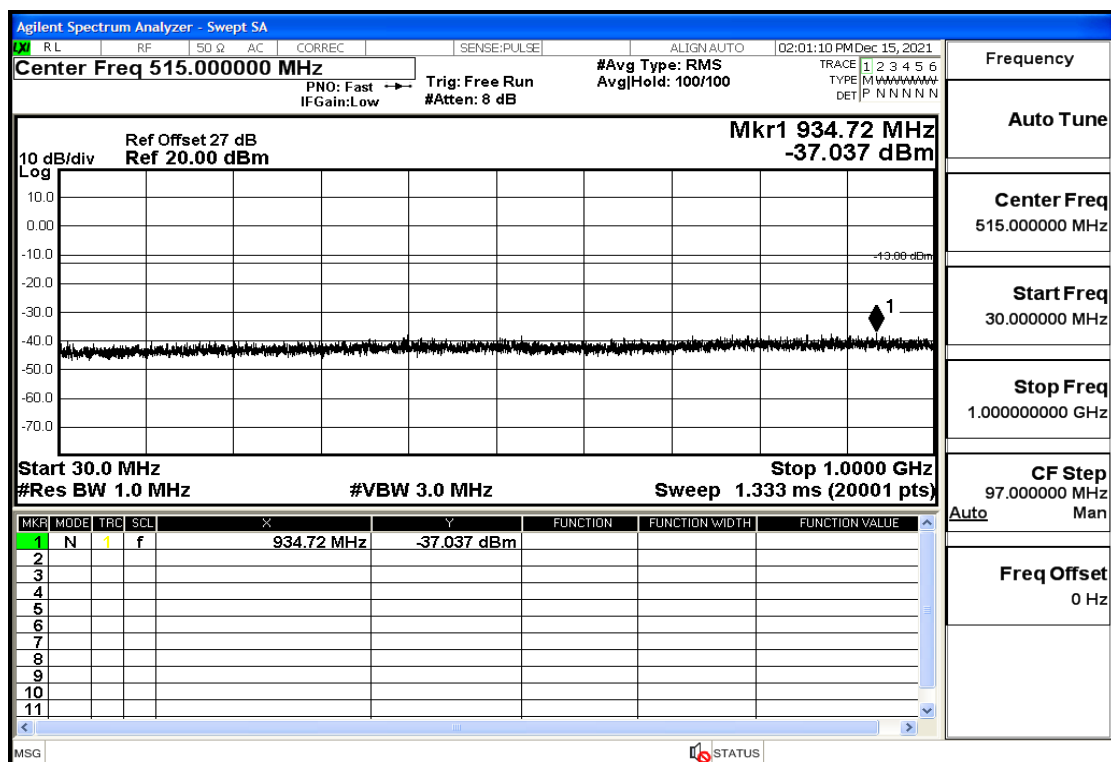
OB25-3-1882.5-Q16-15#LOW@7GHz-13.6GHz@Pass



OB25-3-1882.5-Q16-15#LOW@13.6GHz-20GHz@Pass



OB25-3-1913.5-Q16-15#LOW@30mHz-1GHz@Pass



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE/PULSE ALIGN AUTO 02:01:19 PM Dec 15, 2021

Center Freq 4.000000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 14 dB #Avg Type: RMS Avg/Hold: 5/5

Ref Offset 27 dB Ref 25.00 dBm Mkr1 6.130 0 GHz -34.004 dBm

10 dB/div Log

Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 7.000 GHz #Sweep 1.000 s (20001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	6.130 0 GHz	-34.004 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency Auto Tune Center Freq 4.000000000 GHz Start Freq 1.000000000 GHz Stop Freq 7.000000000 GHz CF Step 600.000000 MHz Man Auto Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE/PUSE ALIGN AUTO 02:01:31 PM Dec 15, 2021

Center Freq 10.30000000 GHz

PN0: Fast → Trig: Free Run #Avg Type: RMS Avg/Hold: 100/100

IF Gain: Low #Atten: 8 dB

TRACE 1 2 3 4 5 6 TYPE M N N N N N N N DET P N N N N N N

Ref Offset 27 dB Mkr1 12.703 72 GHz
Ref 20.00 dBm -29.211 dBm

10 dB/div Log

Start 7.000 GHz Stop 13.600 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 12.00 ms (20001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	12.703 72 GHz	-29.211 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq 10.30000000 GHz

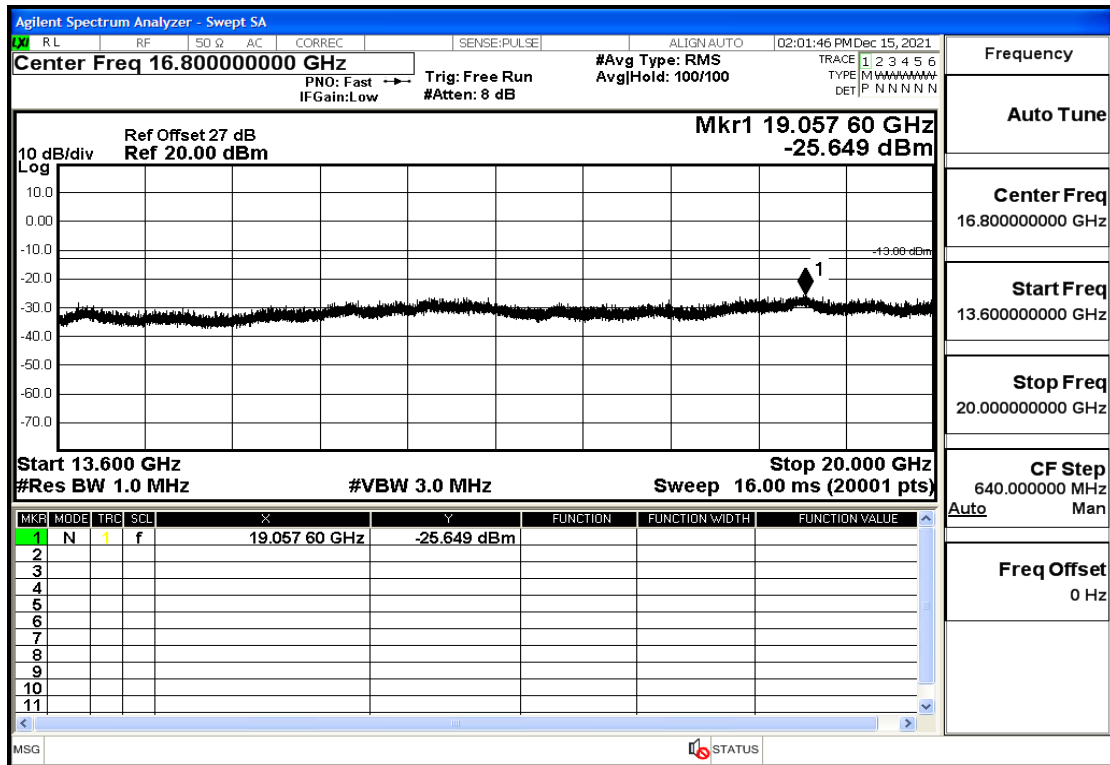
Start Freq 7.00000000 GHz

Stop Freq 13.60000000 GHz

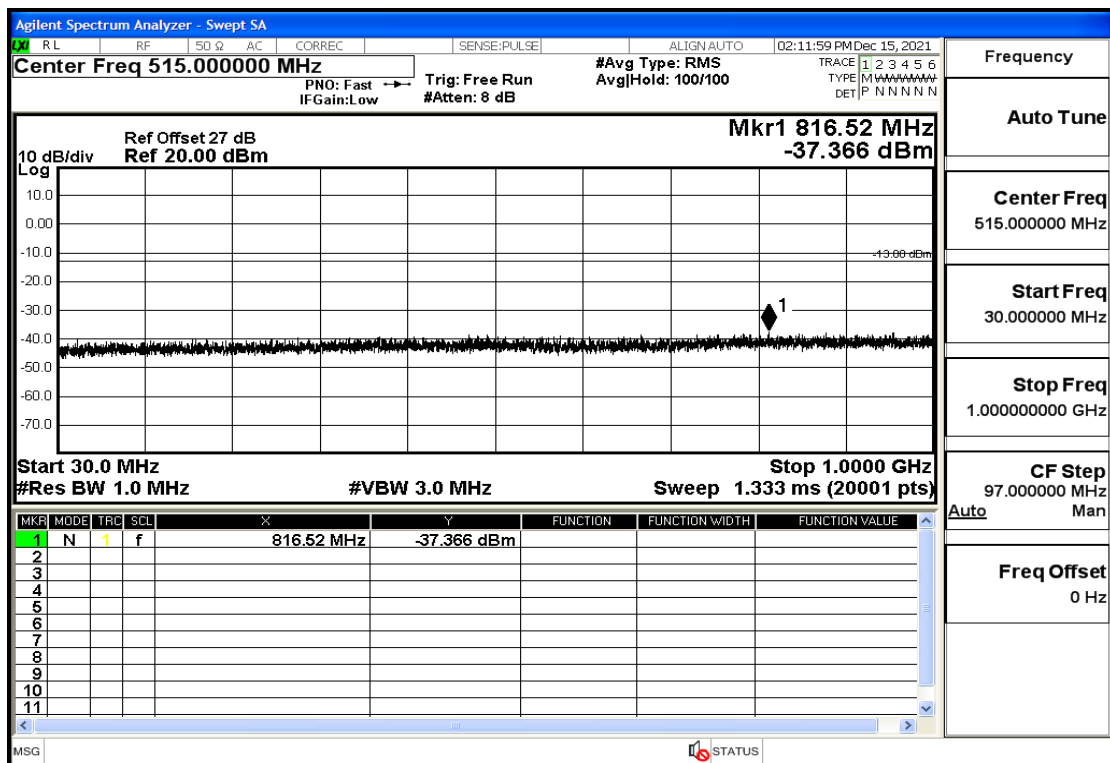
CF Step 660.000000 MHz Man

Freq Offset 0 Hz

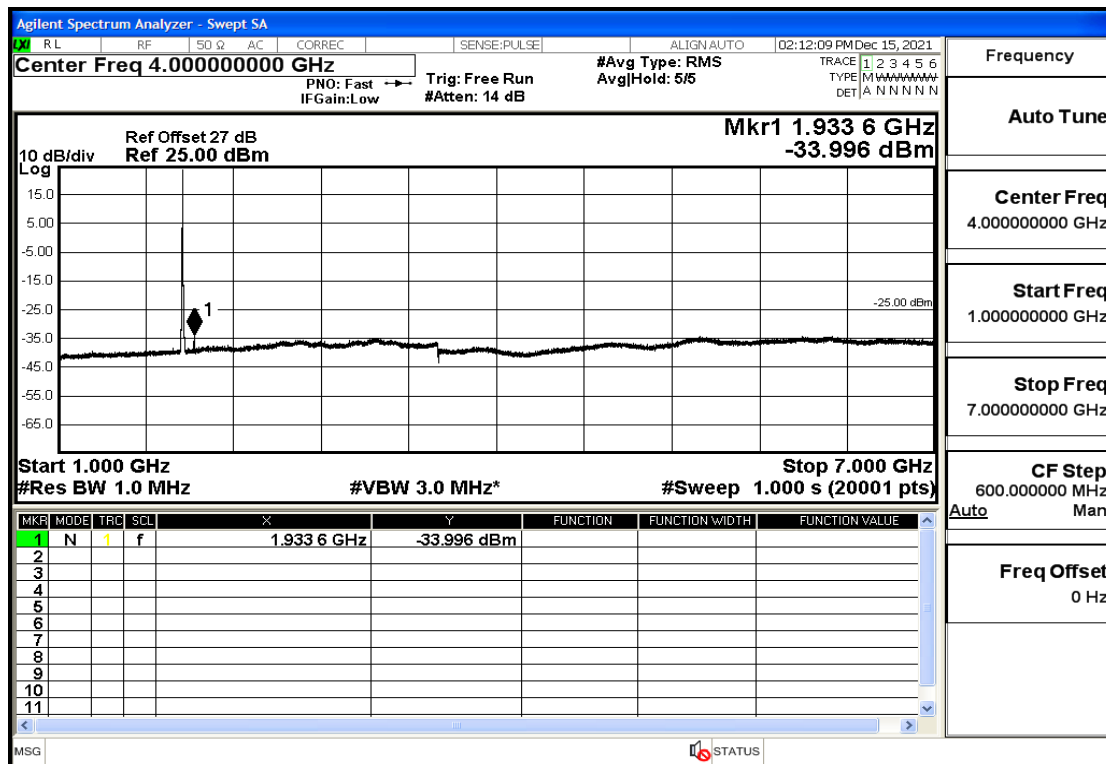
OB25-3-1913.5-Q16-15#LOW@13.6GHz-20GHz@Pass



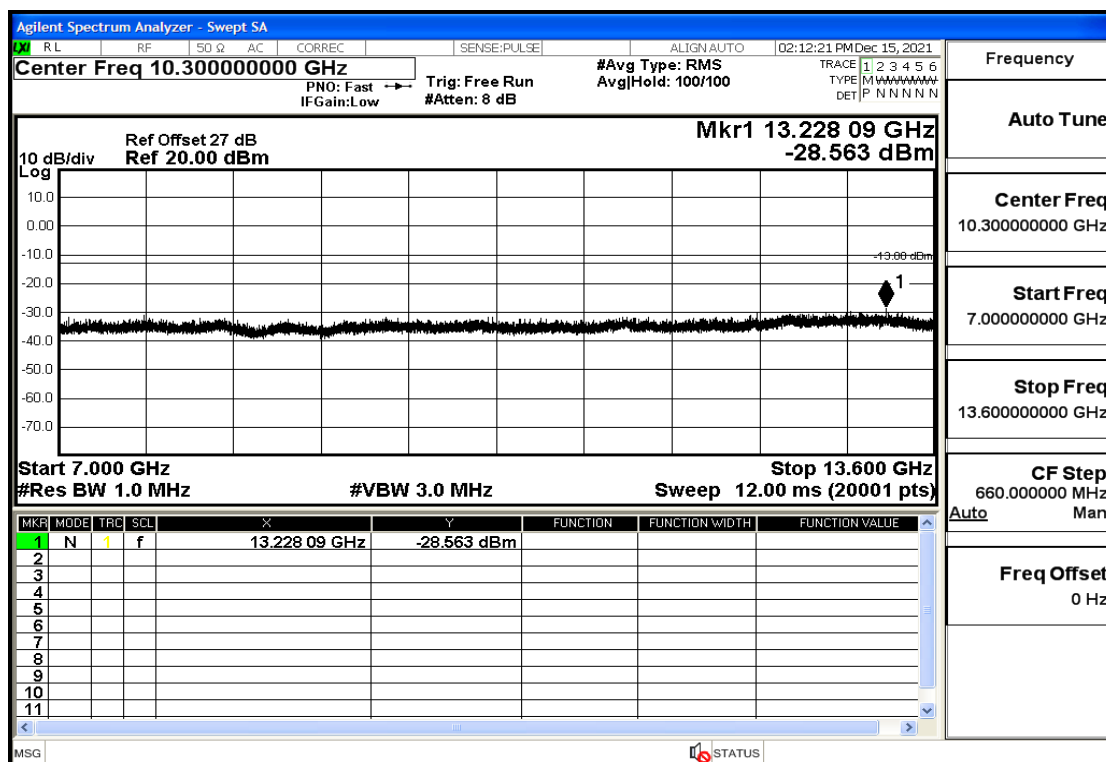
OB25-5-1852.5-Q16-25#LOW@30mHz-1GHz@Pass



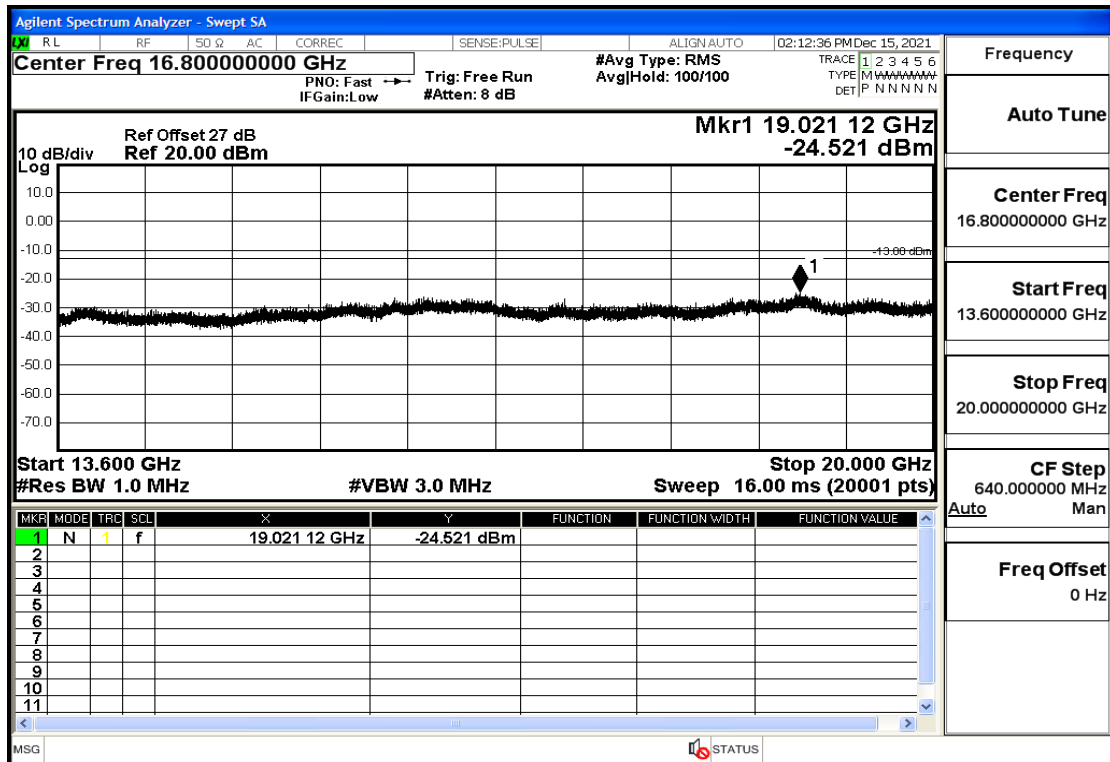
OB25-5-1852.5-Q16-25#LOW@1GHz-7GHz@Pass



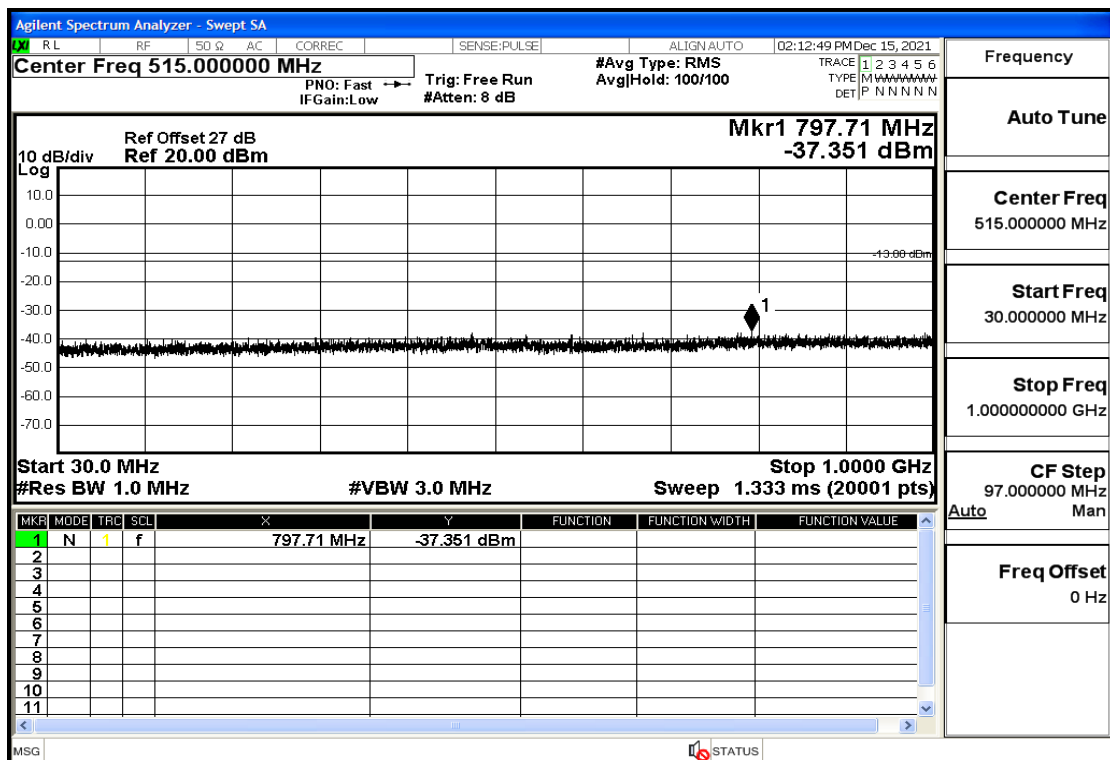
OB25-5-1852.5-Q16-25#LOW@7GHz-13.6GHz@Pass



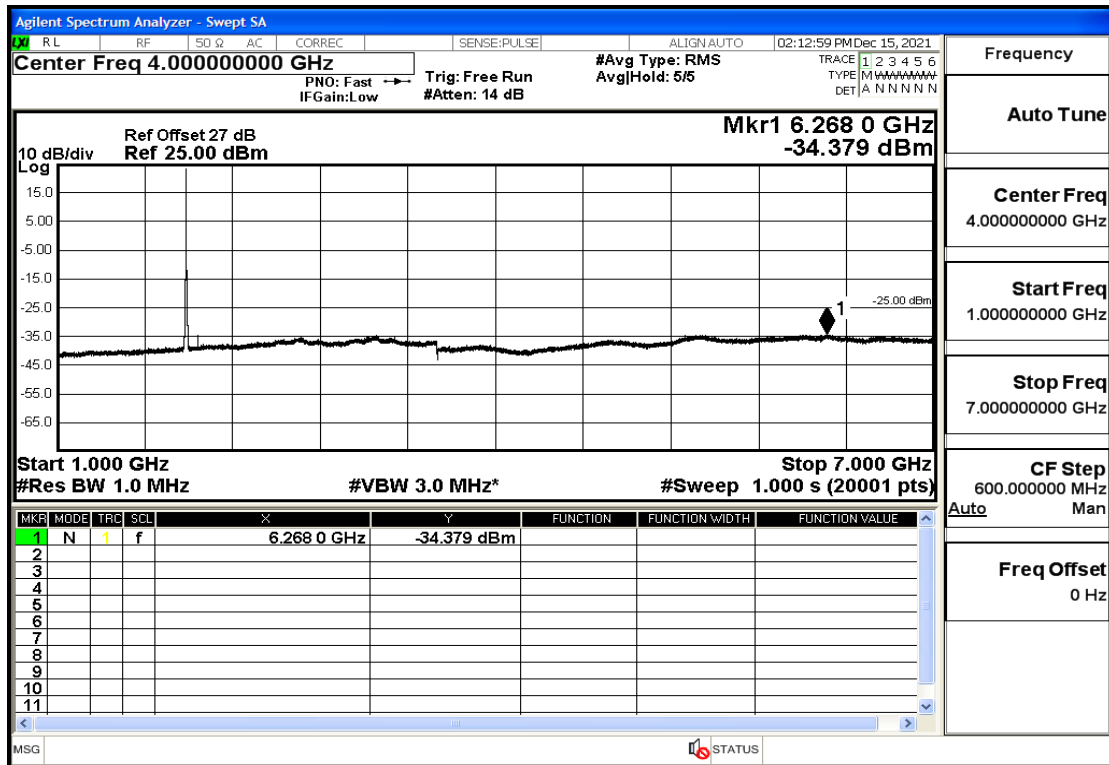
OB25-5-1852.5-Q16-25#LOW@13.6GHz-20GHz@Pass



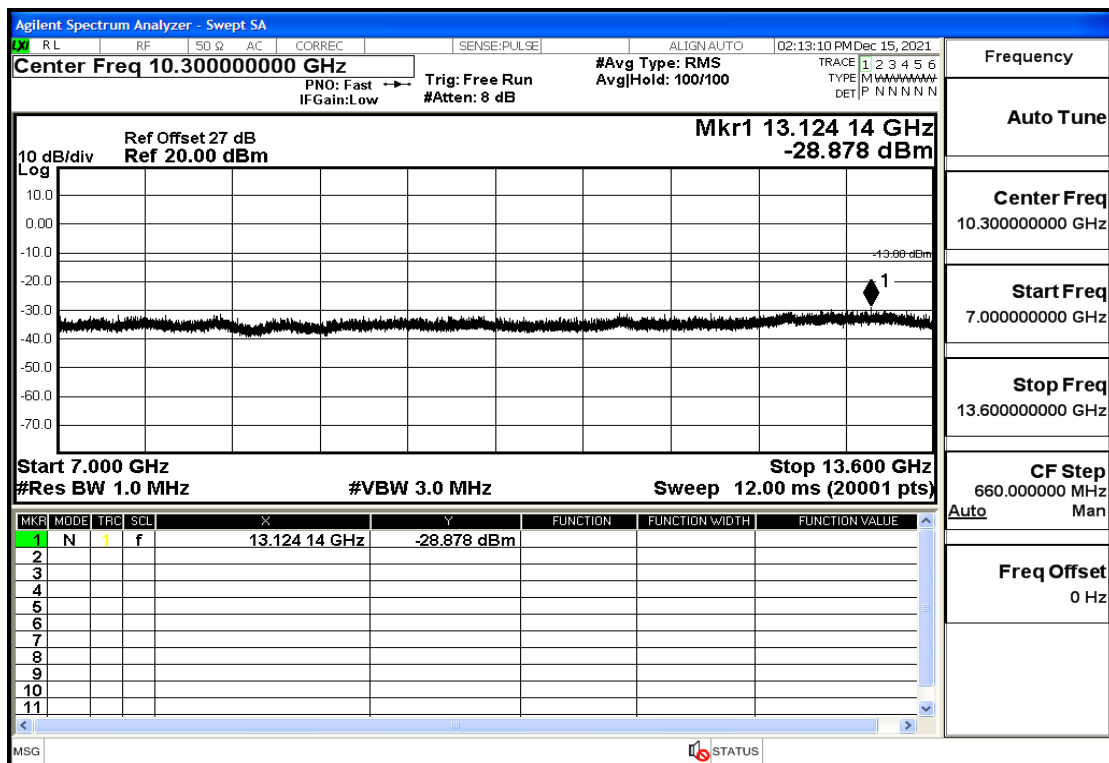
OB25-5-1882.5-Q16-25#LOW@30mHz-1GHz@Pass



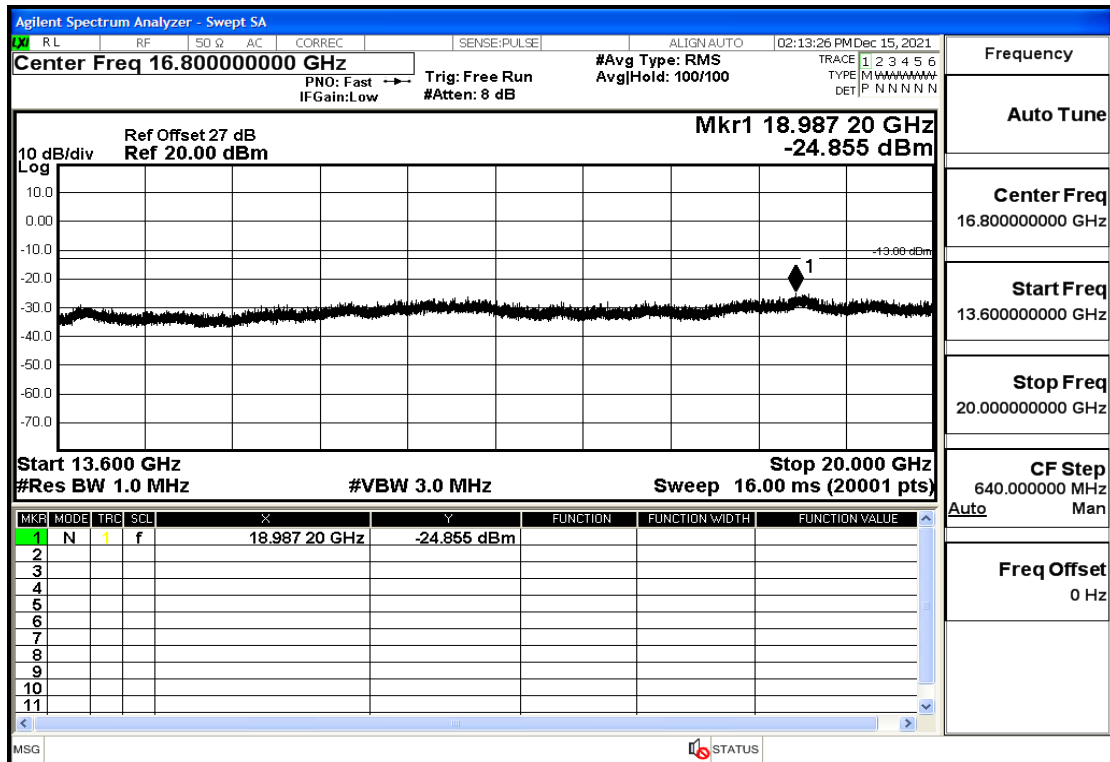
OB25-5-1882.5-Q16-25#LOW@1GHz-7GHz@Pass



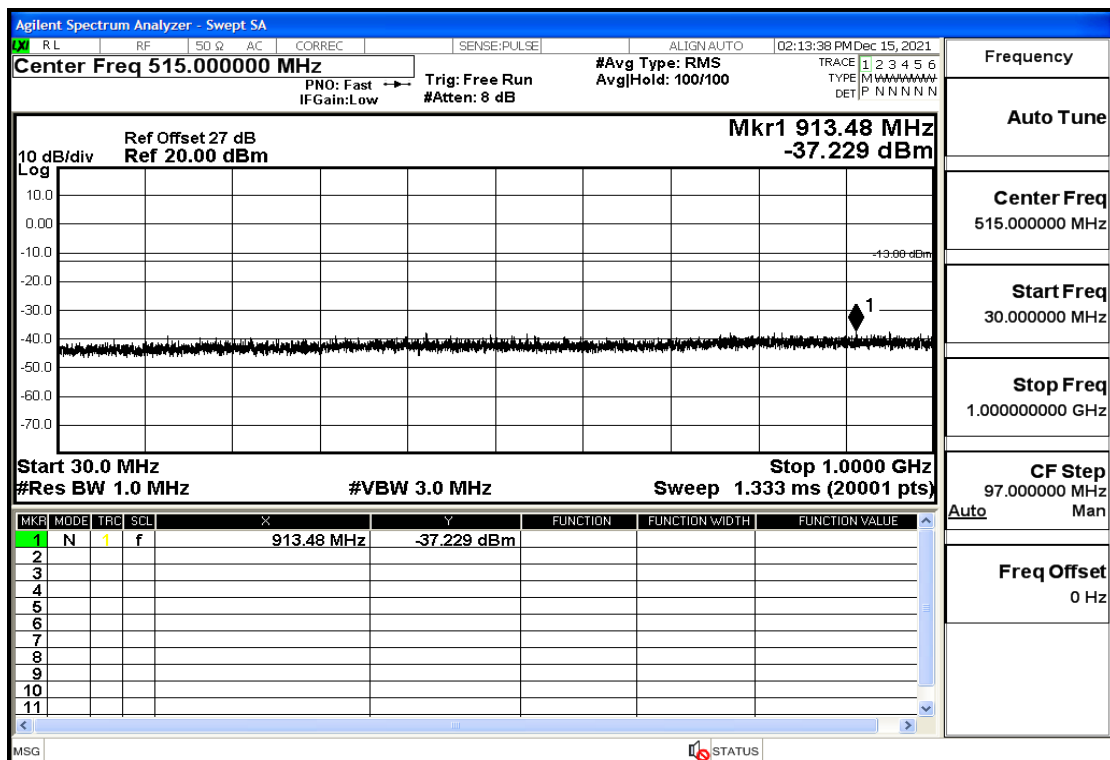
OB25-5-1882.5-Q16-25#LOW@7GHz-13.6GHz@Pass



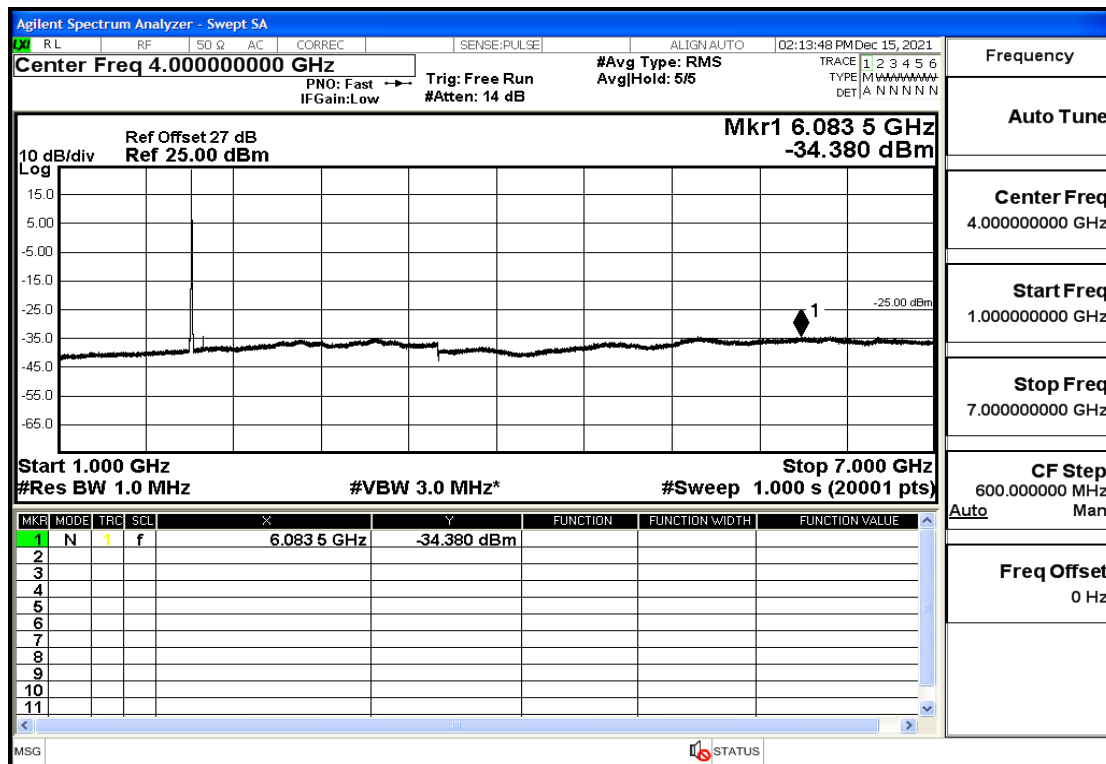
OB25-5-1882.5-Q16-25#LOW@13.6GHz-20GHz@Pass



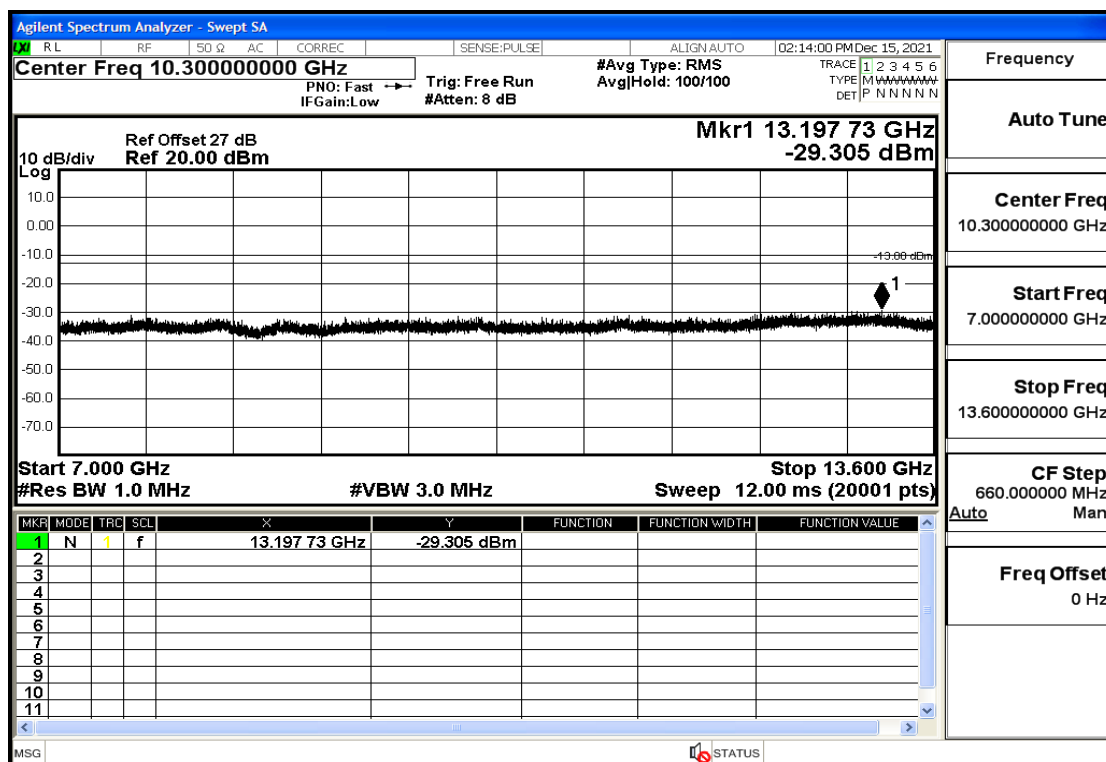
OB25-5-1912.5-Q16-25#LOW@30mHz-1GHz@Pass



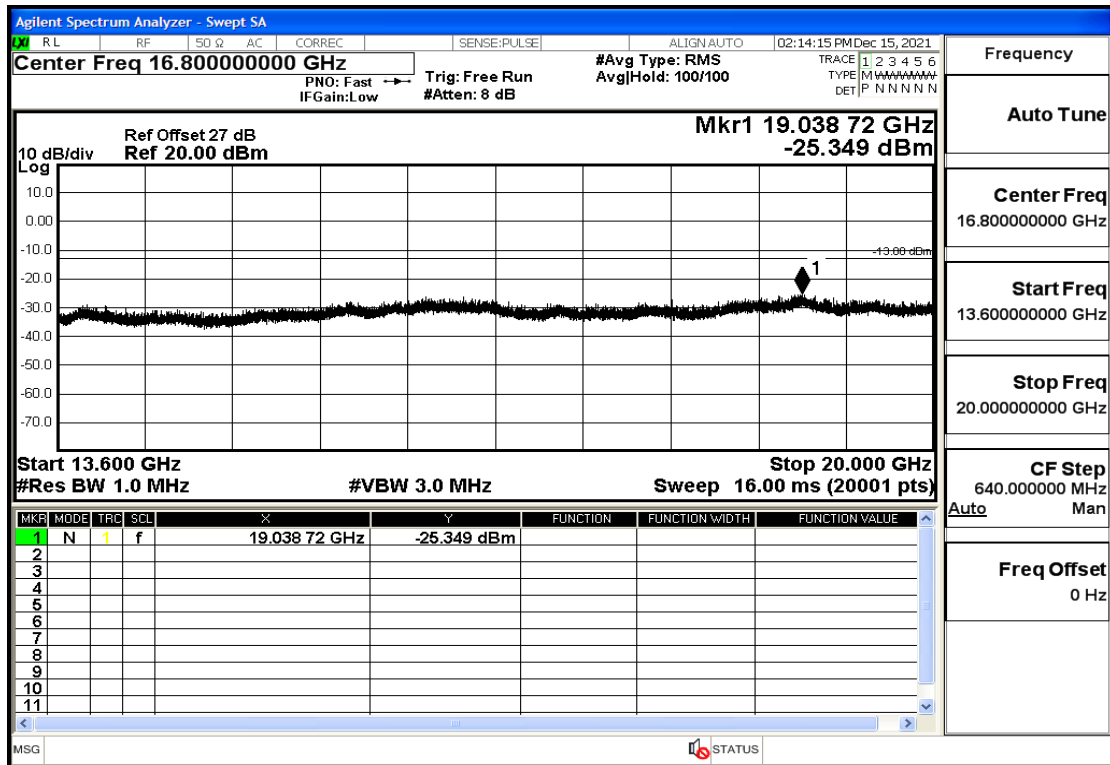
OB25-5-1912.5-Q16-25#LOW@1GHz-7GHz@Pass



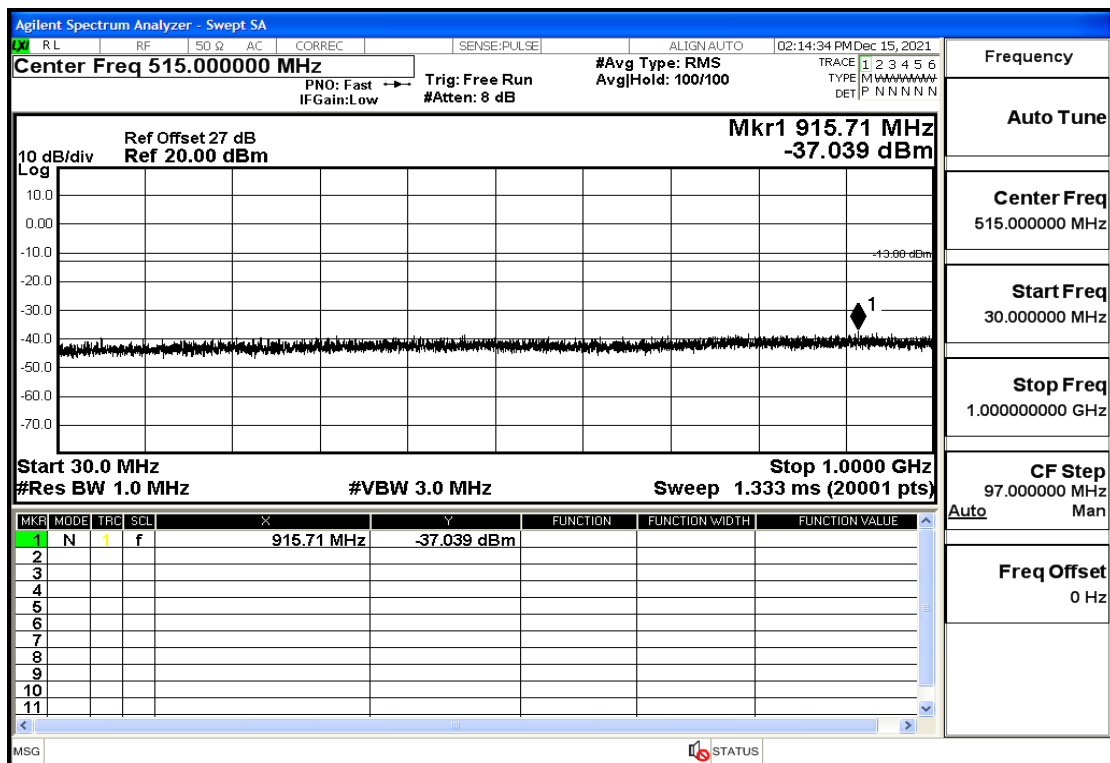
OB25-5-1912.5-Q16-25#LOW@7GHz-13.6GHz@Pass



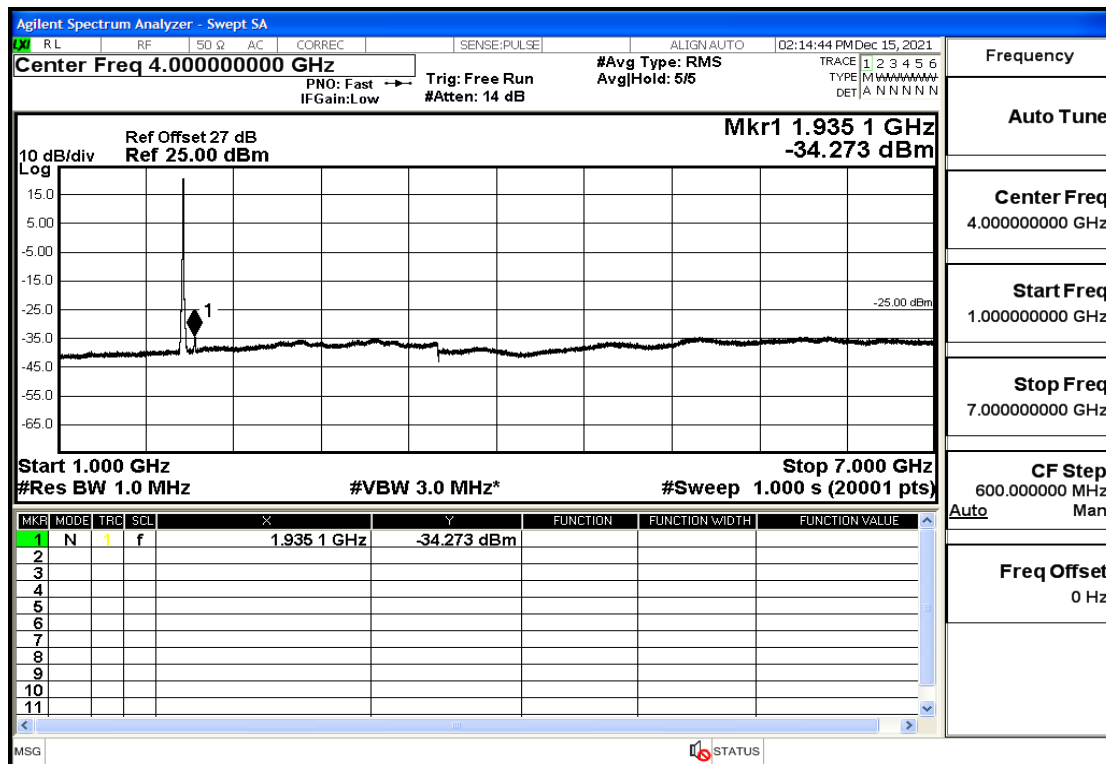
OB25-5-1912.5-Q16-25#LOW@13.6GHz-20GHz@Pass



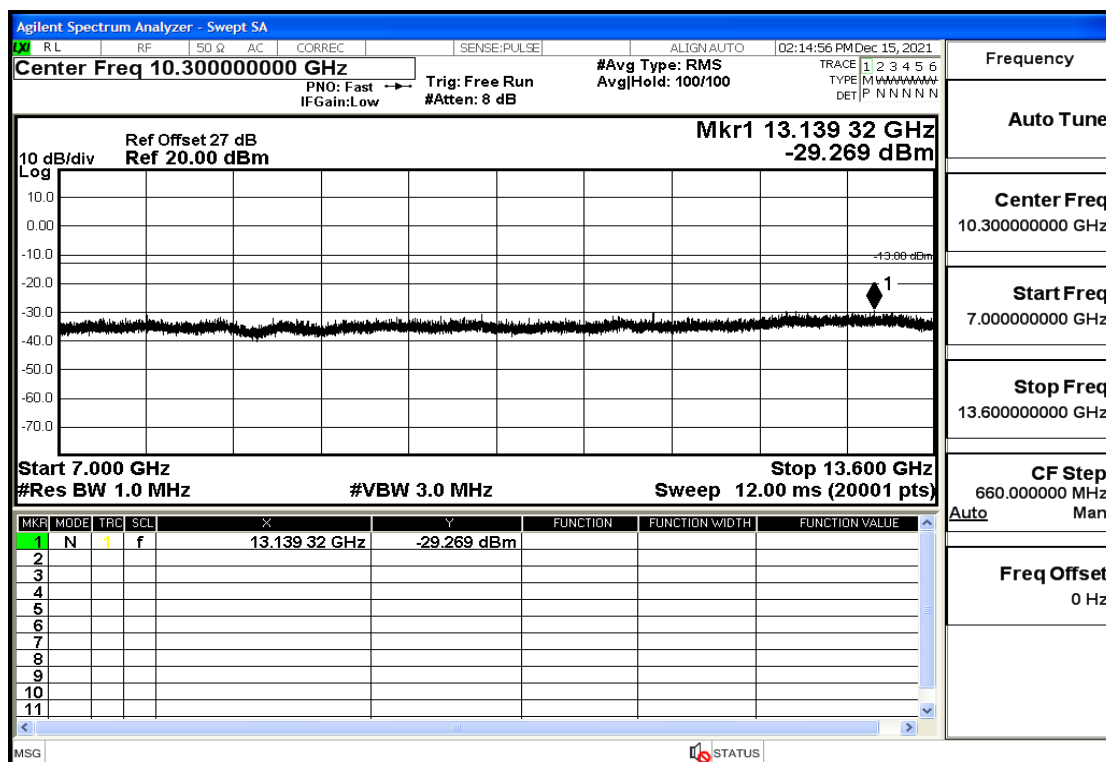
OB25-10-1855-Q16-50#LOW@30mHz-1GHz@Pass



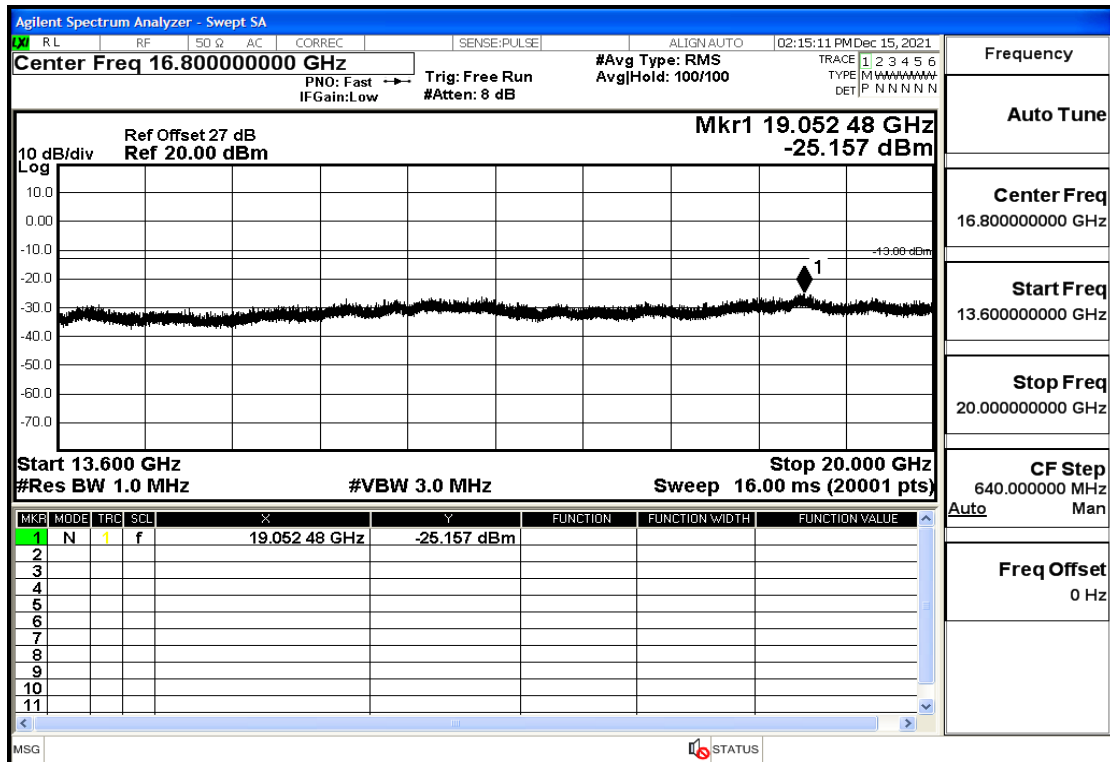
OB25-10-1855-Q16-50#LOW@1GHz-7GHz@Pass



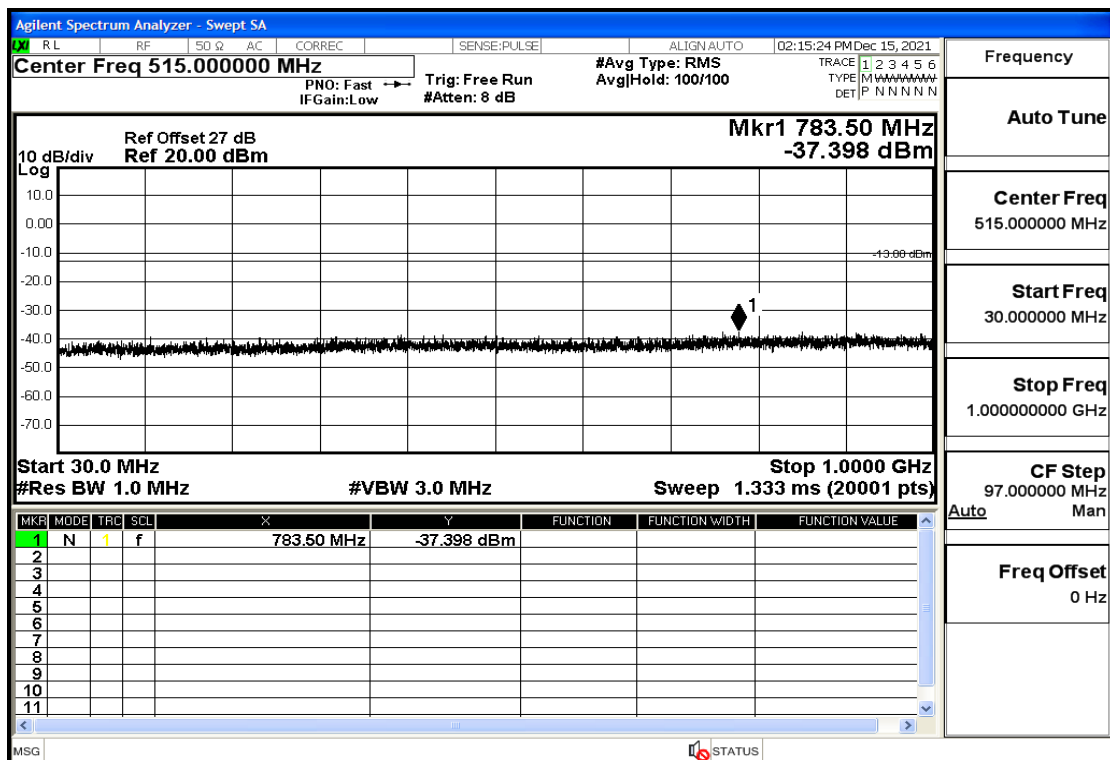
OB25-10-1855-Q16-50#LOW@7GHz-13.6GHz@Pass



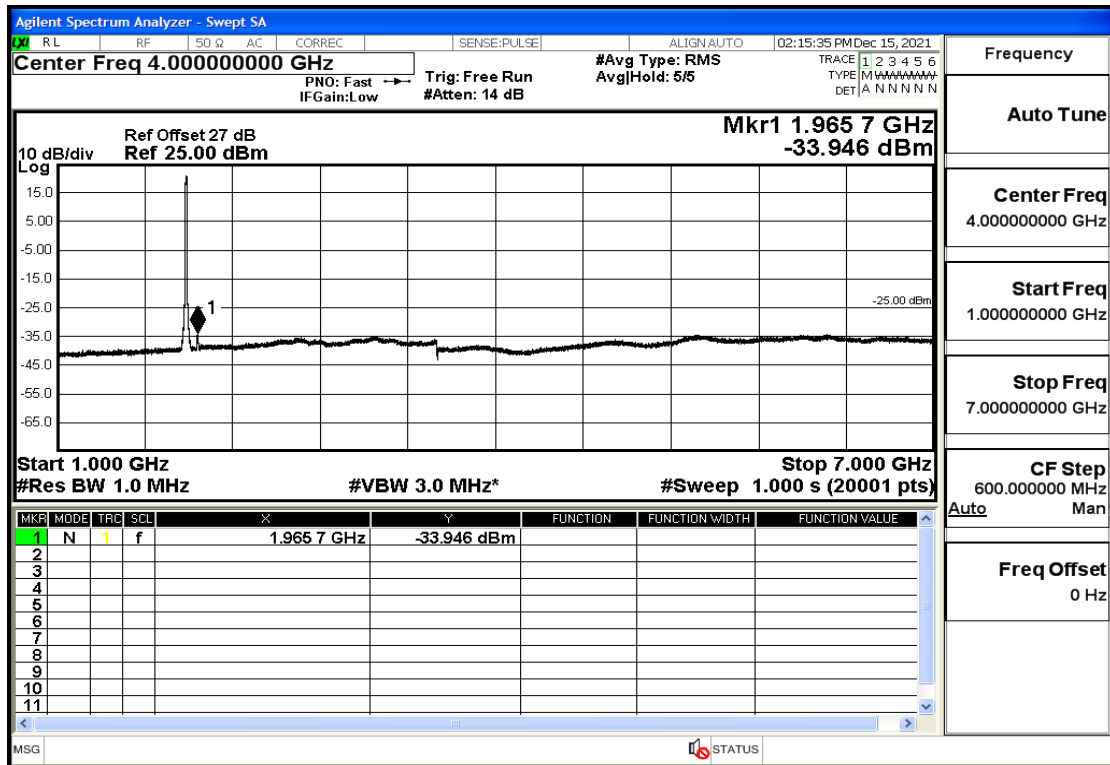
OB25-10-1855-Q16-50#LOW@13.6GHz-20GHz@Pass



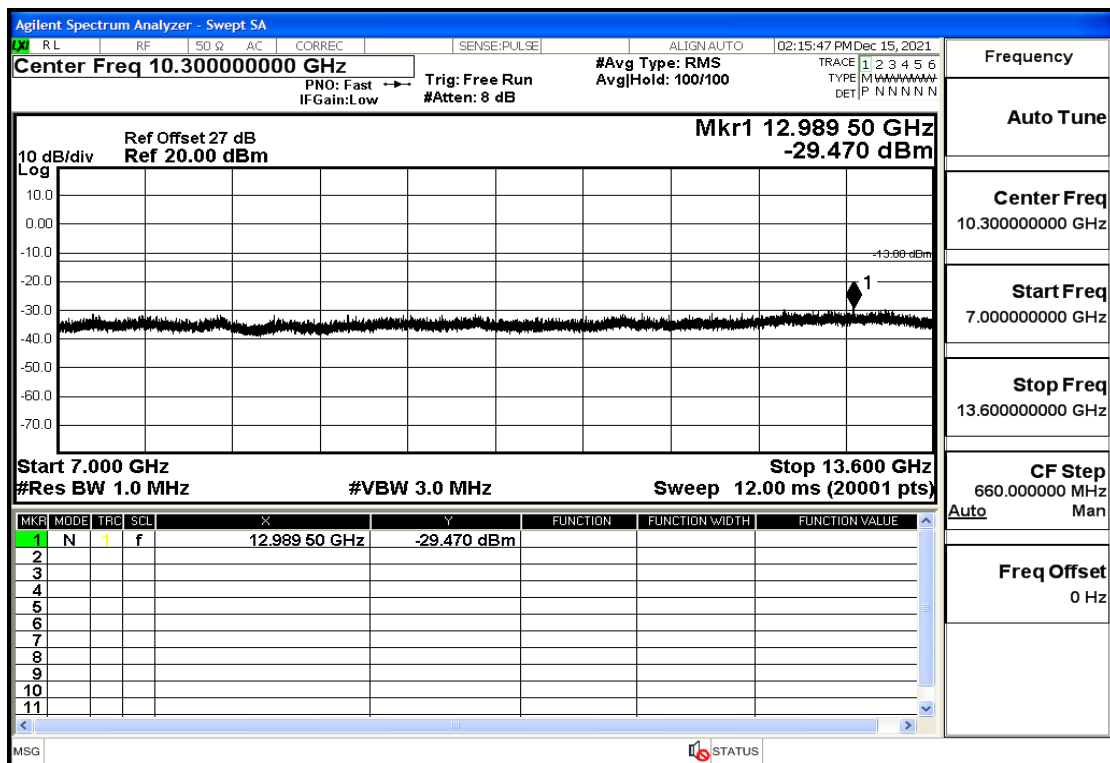
OB25-10-1882.5-Q16-50#LOW@30mHz-1GHz@Pass



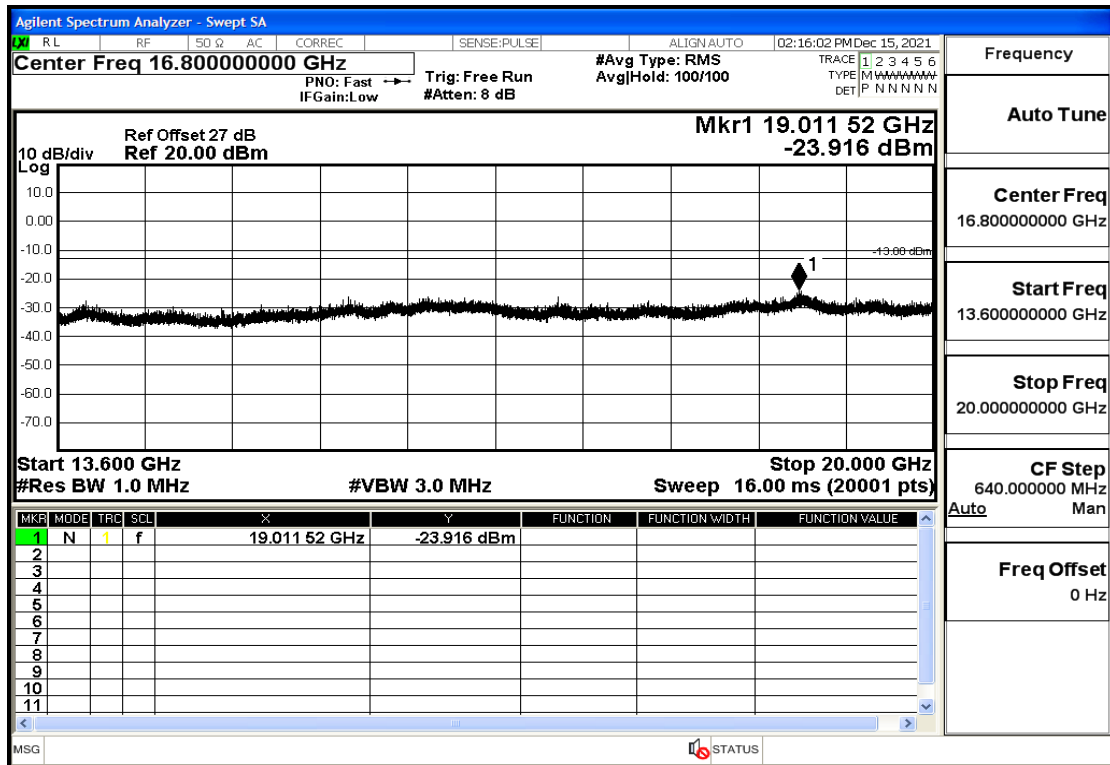
OB25-10-1882.5-Q16-50#LOW@1GHz-7GHz@Pass



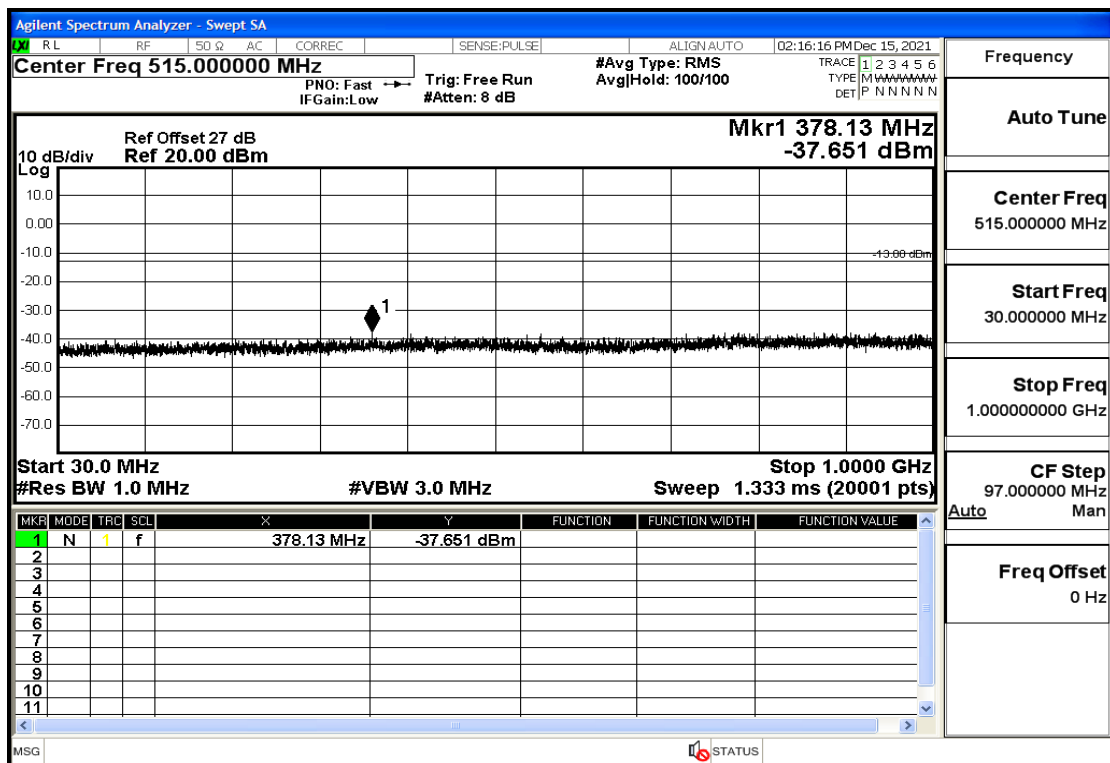
OB25-10-1882.5-Q16-50#LOW@7GHz-13.6GHz@Pass



OB25-10-1882.5-Q16-50#LOW@13.6GHz-20GHz@Pass



OB25-10-1910-Q16-50#LOW@30mHz-1GHz@Pass



[illegible]

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN:AUTO 02:16:38 PM Dec 15, 2021

Center Freq 10.30000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 8 dB #Avg Type: RMS Avg/Hold: 100/100

TRACE 1 2 3 4 5 6
TYPE N N N N N N N
DET P N N N N N N

Ref Offset 27 dB
Ref 20.00 dBm

Mkr1 12.498 13 GHz
-30.003 dBm

10 dB/div
Log

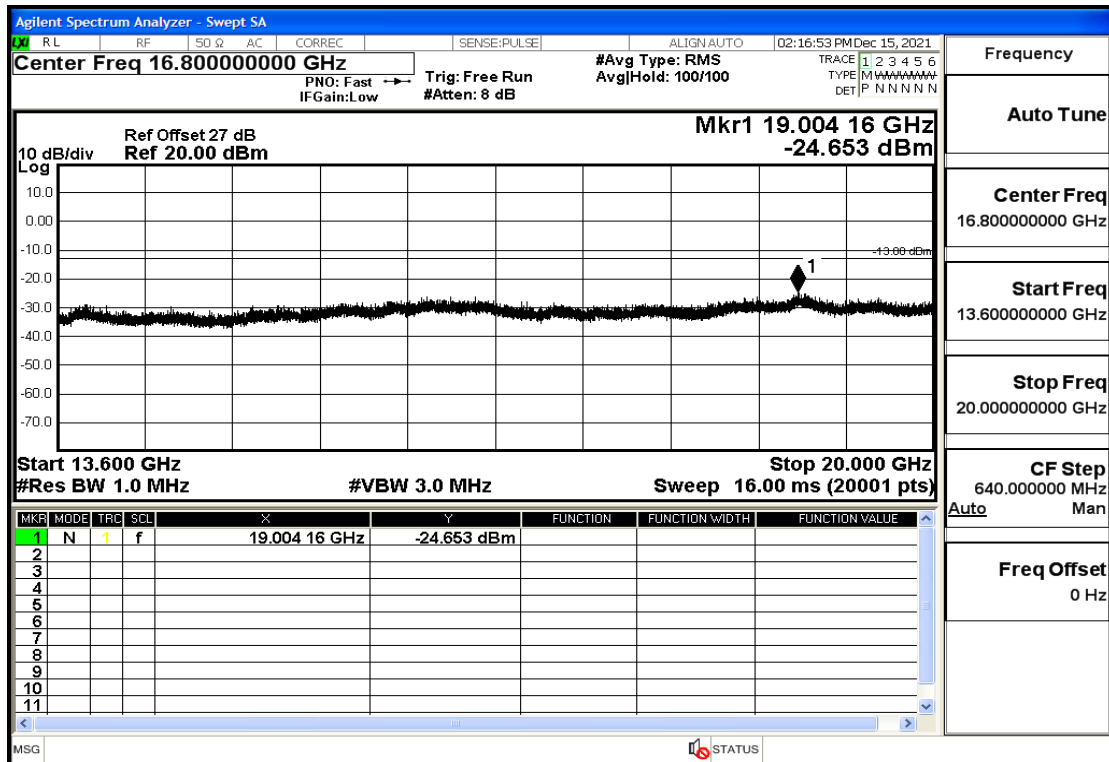
Start 7.000 GHz Stop 13.600 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 12.00 ms (20001 pts)

Mkrf	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	12.498 13 GHz	-30.003 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

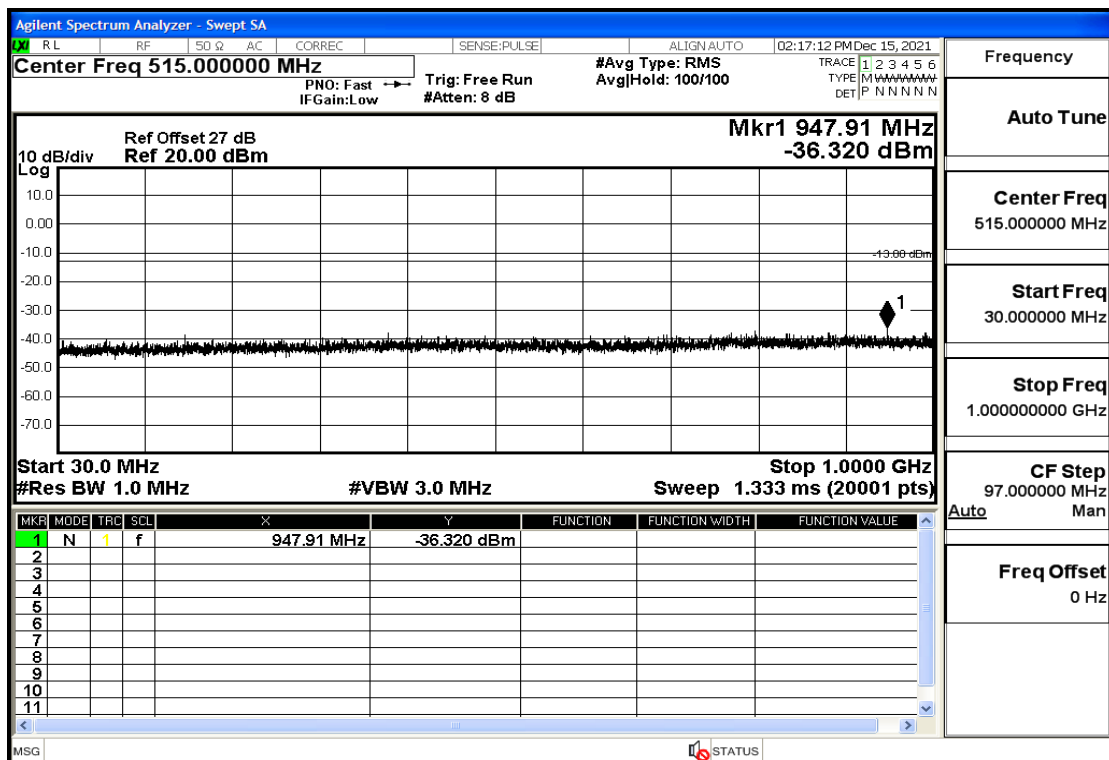
MSG STATUS

Frequency
Auto Tune
Center Freq
10.30000000 GHz
Start Freq
7.000000000 GHz
Stop Freq
13.600000000 GHz
CF Step
660.000000 MHz
Man
Auto
Freq Offset
0 Hz

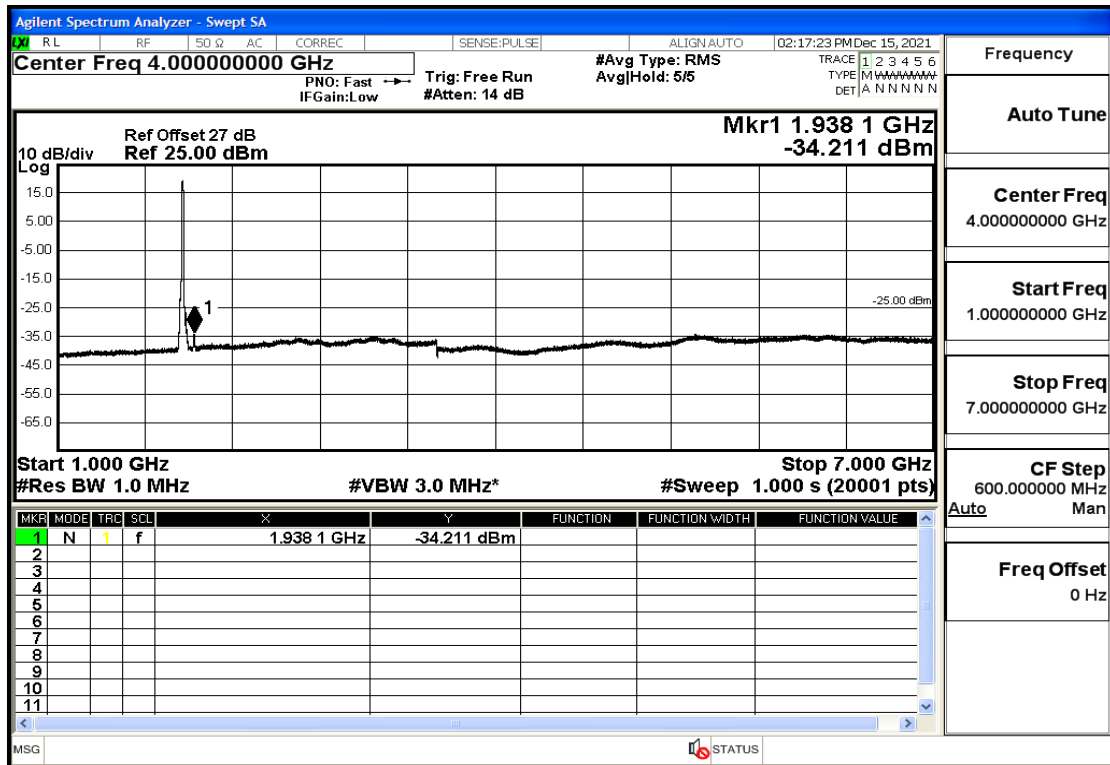
OB25-10-1910-Q16-50#LOW@13.6GHz-20GHz@Pass



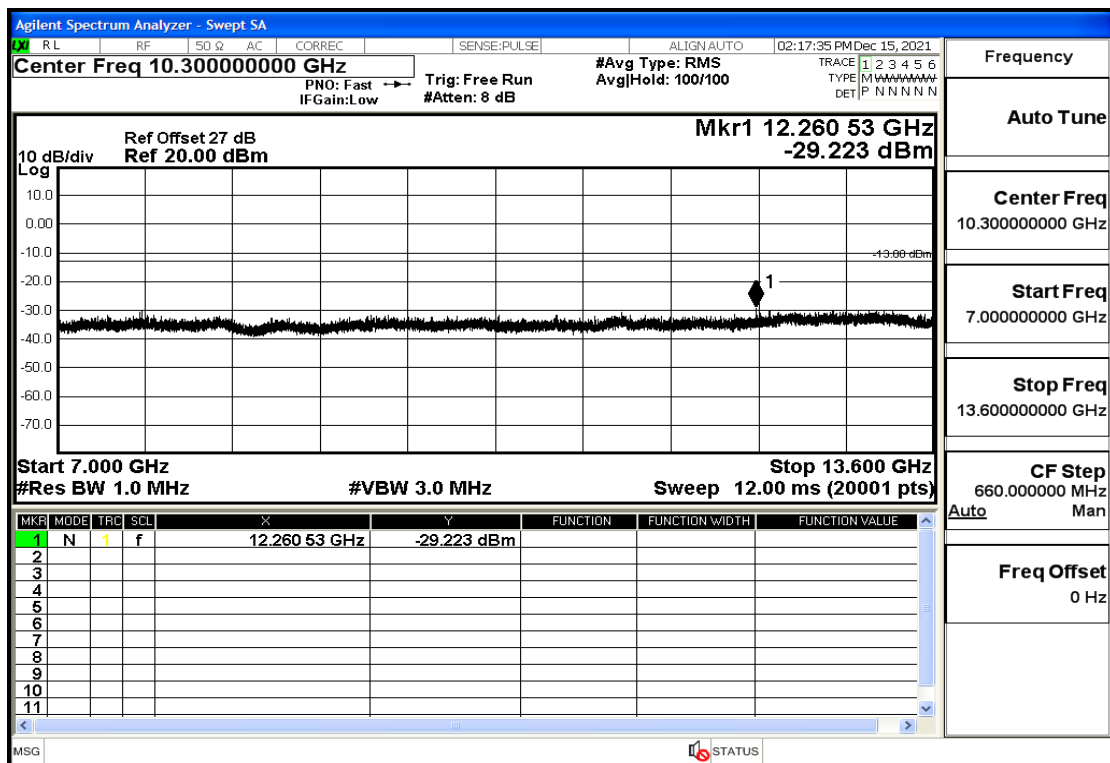
OB25-15-1857.5-Q16-75#LOW@30mHz-1GHz@Pass



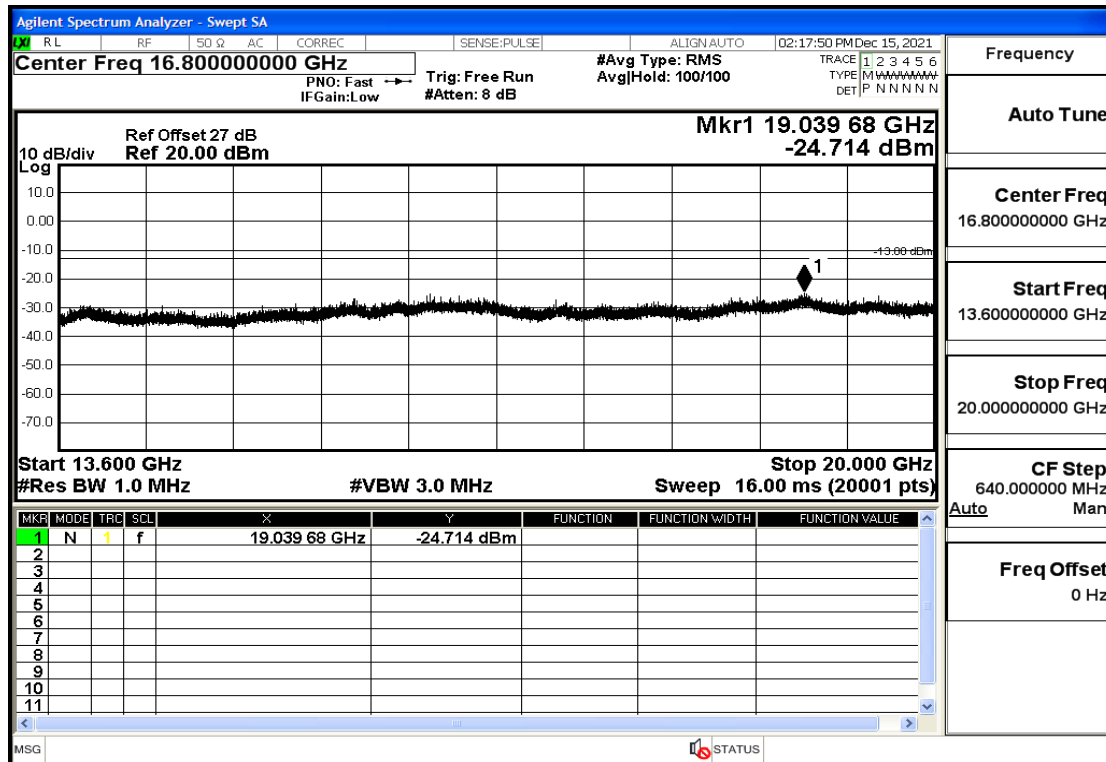
OB25-15-1857.5-Q16-75#LOW@1GHz-7GHz@Pass



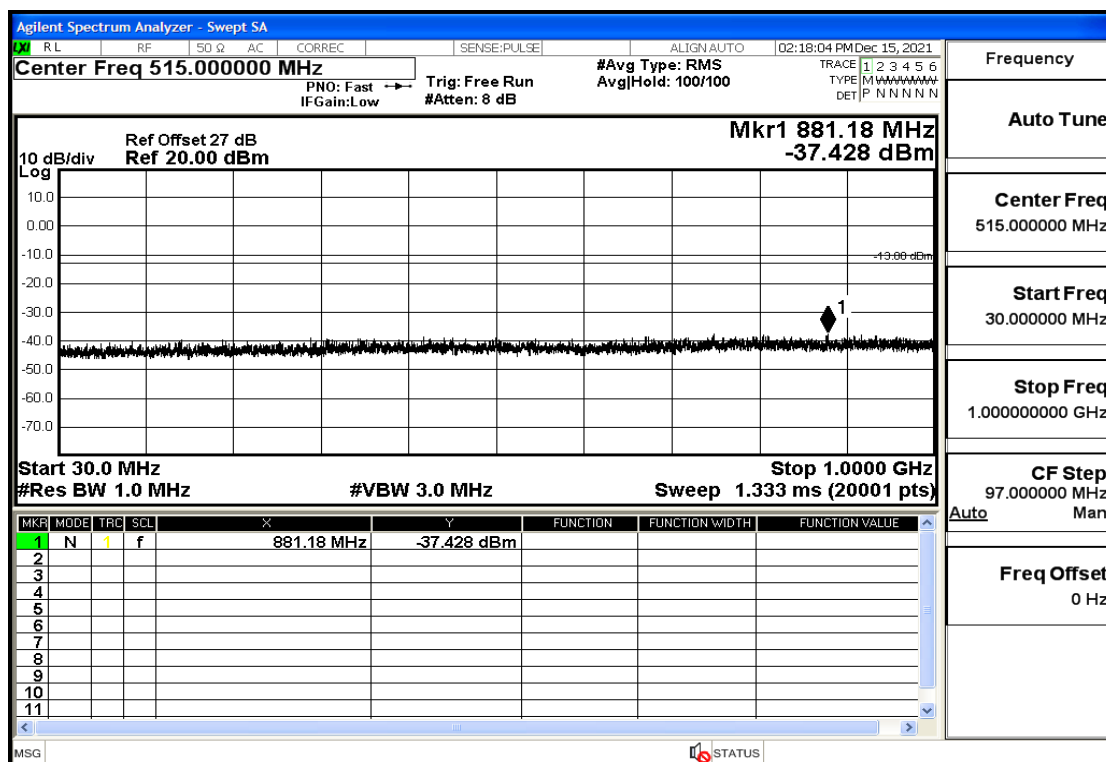
OB25-15-1857.5-Q16-75#LOW@7GHz-13.6GHz@Pass



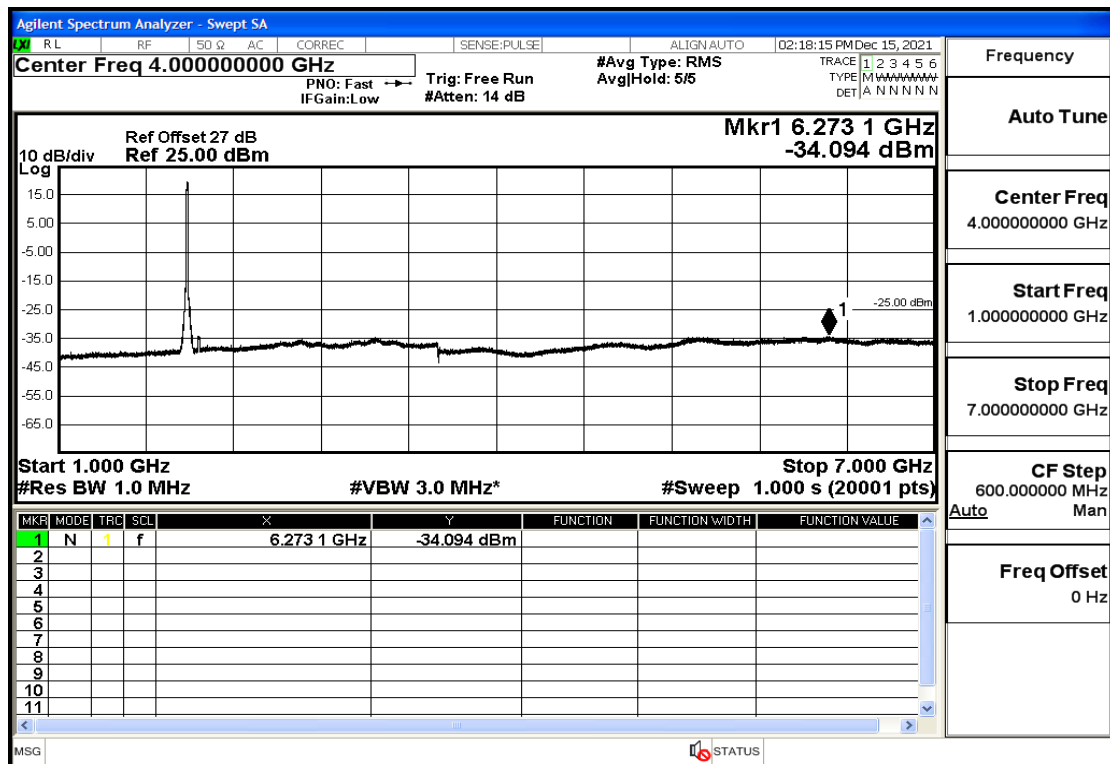
OB25-15-1857.5-Q16-75#LOW@13.6GHz-20GHz@Pass



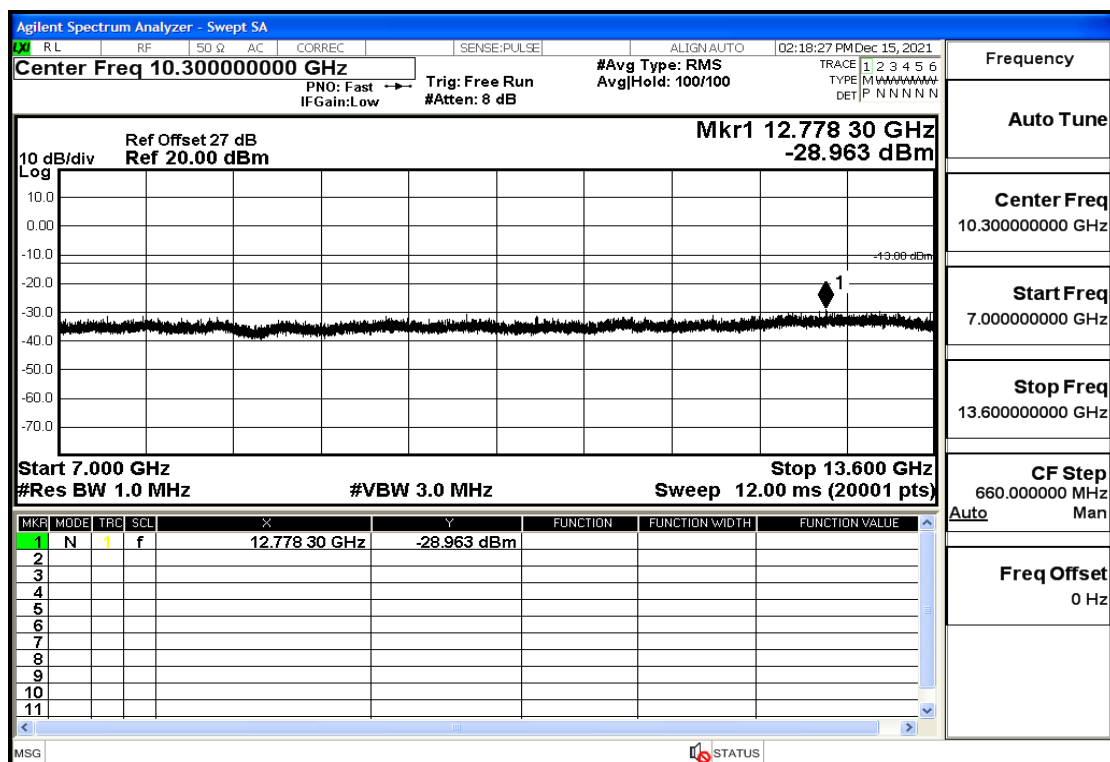
OB25-15-1882.5-Q16-75#LOW@30mHz-1GHz@Pass



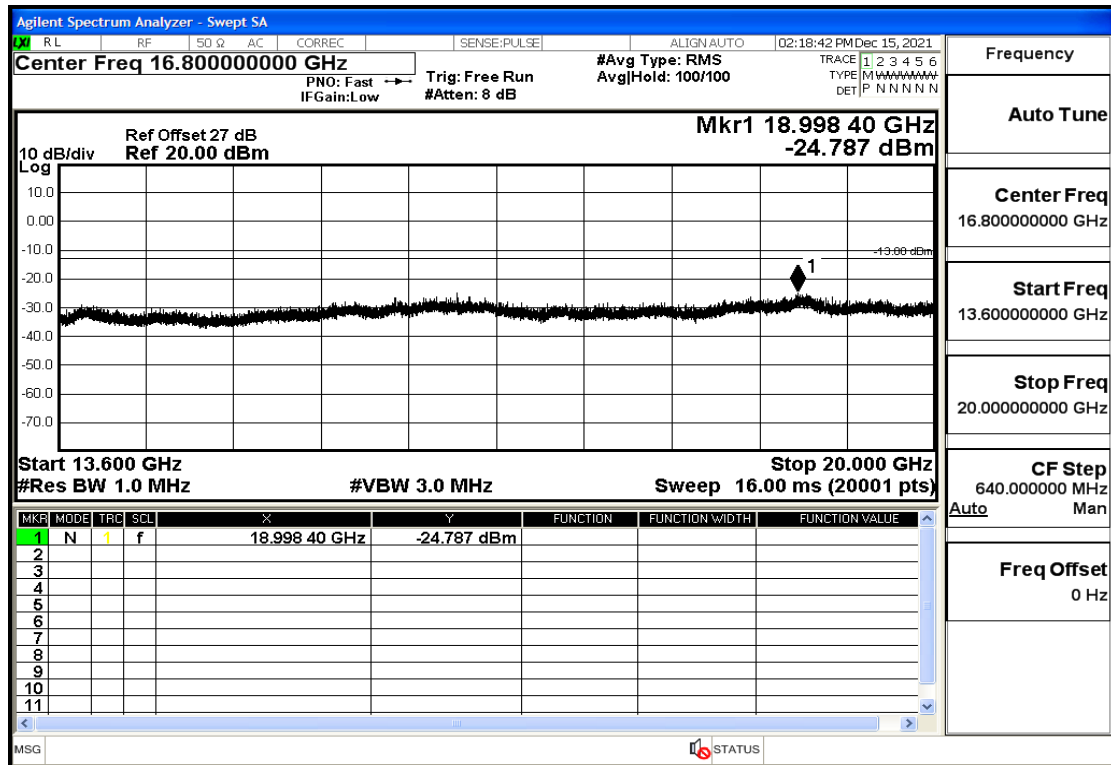
OB25-15-1882.5-Q16-75#LOW@1GHz-7GHz@Pass



OB25-15-1882.5-Q16-75#LOW@7GHz-13.6GHz@Pass



OB25-15-1882.5-Q16-75#LOW@13.6GHz-20GHz@Pass



OB25-15-1907.5-Q16-75#LOW@30mHz-1GHz@Pass

