

RF Test Data for LTE (Conducted Measurement)

Product Name: smart phone

Trade Mark: YEZZ

Test Model: MAX 3 PLUS

FCC ID: 2APW4MAX3P

Environmental Conditions

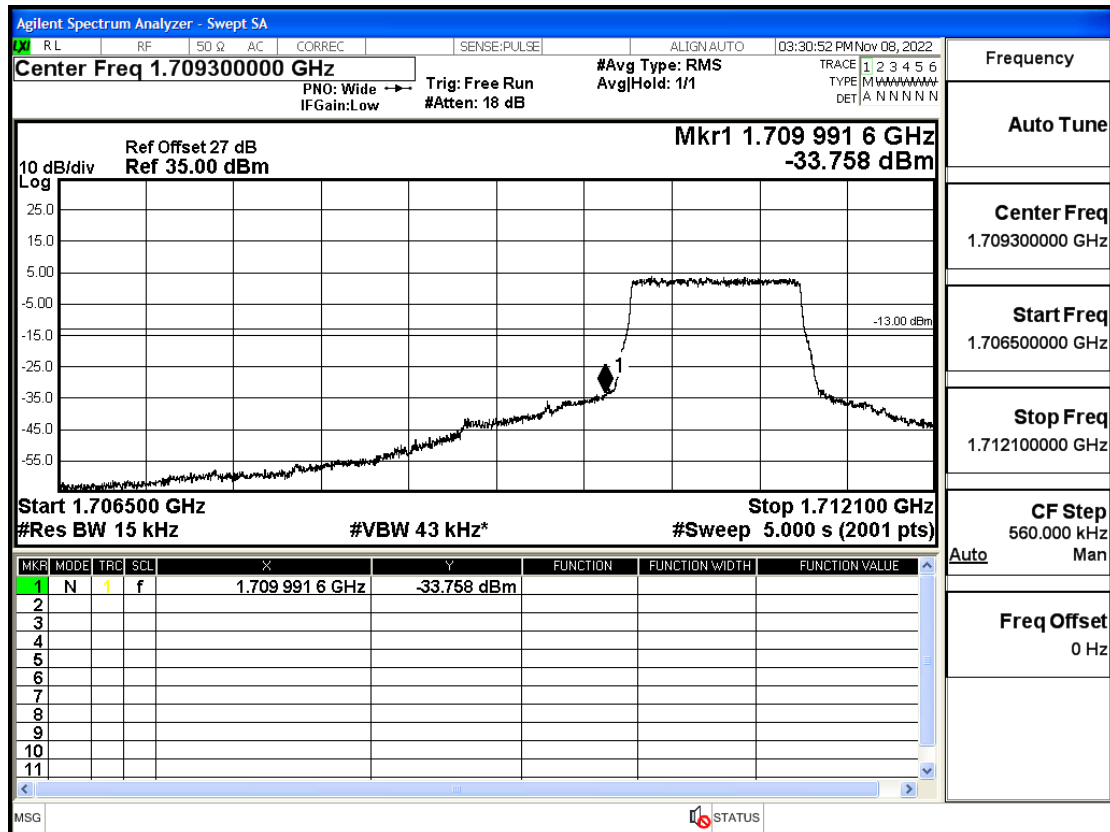
Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band4

Band Edge and Emission Mask

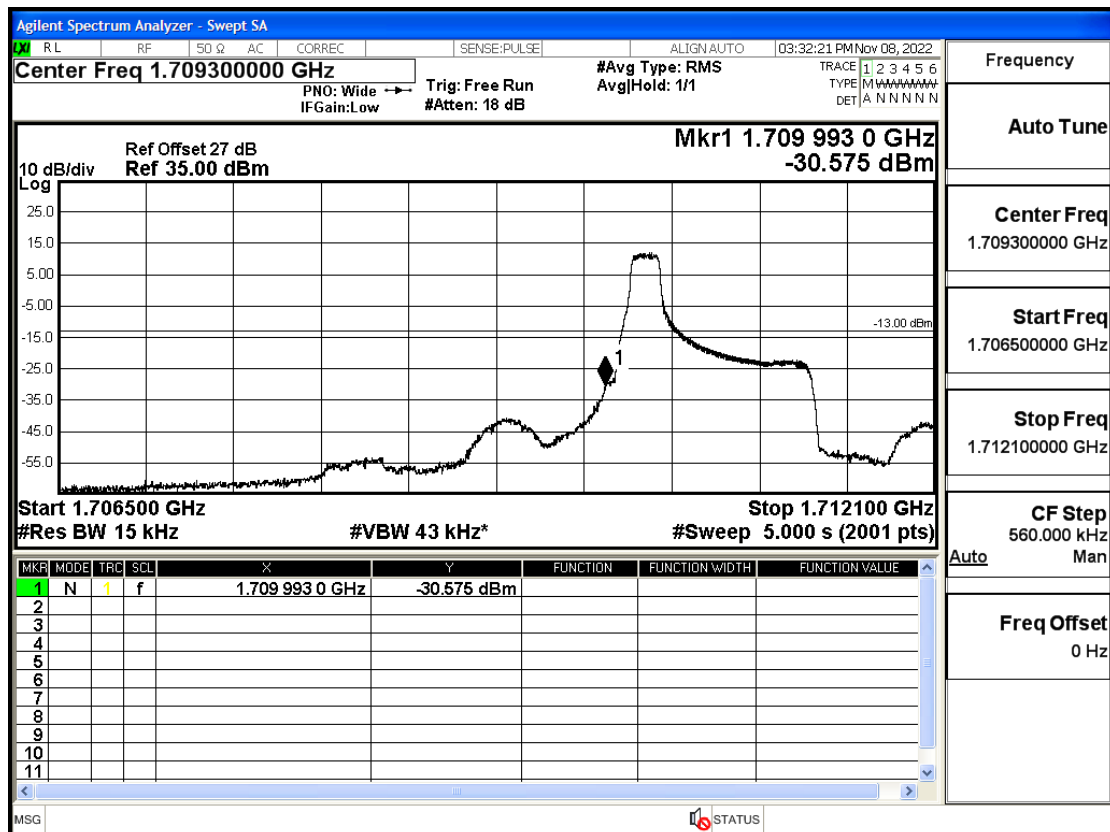
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band4	1.4	1710.7	QPSK	6	LOW	Pass
Band4	1.4	1710.7	QPSK	1	LOW	Pass
Band4	1.4	1710.7	16QAM	6	LOW	Pass
Band4	1.4	1710.7	16QAM	1	LOW	Pass
Band4	1.4	1754.3	QPSK	6	LOW	Pass
Band4	1.4	1754.3	QPSK	1	HIGH	Pass
Band4	1.4	1754.3	16QAM	6	LOW	Pass
Band4	1.4	1754.3	16QAM	1	HIGH	Pass
Band4	3	1711.5	QPSK	15	LOW	Pass
Band4	3	1711.5	QPSK	1	LOW	Pass
Band4	3	1711.5	16QAM	15	LOW	Pass
Band4	3	1711.5	16QAM	1	LOW	Pass
Band4	3	1753.5	QPSK	15	LOW	Pass
Band4	3	1753.5	QPSK	1	HIGH	Pass
Band4	3	1753.5	16QAM	15	LOW	Pass
Band4	3	1753.5	16QAM	1	HIGH	Pass
Band4	5	1712.5	QPSK	25	LOW	Pass
Band4	5	1712.5	QPSK	1	LOW	Pass
Band4	5	1712.5	16QAM	25	LOW	Pass
Band4	5	1712.5	16QAM	1	LOW	Pass
Band4	5	1752.5	QPSK	25	LOW	Pass
Band4	5	1752.5	QPSK	1	HIGH	Pass
Band4	5	1752.5	16QAM	25	LOW	Pass
Band4	5	1752.5	16QAM	1	HIGH	Pass
Band4	10	1715	QPSK	50	LOW	Pass
Band4	10	1715	QPSK	1	LOW	Pass
Band4	10	1715	16QAM	50	LOW	Pass
Band4	10	1715	16QAM	1	LOW	Pass
Band4	10	1750	QPSK	50	LOW	Pass
Band4	10	1750	QPSK	1	HIGH	Pass
Band4	10	1750	16QAM	50	LOW	Pass
Band4	10	1750	16QAM	1	HIGH	Pass
Band4	15	1717.5	QPSK	75	LOW	Pass
Band4	15	1717.5	QPSK	1	LOW	Pass
Band4	15	1717.5	16QAM	75	LOW	Pass
Band4	15	1717.5	16QAM	1	LOW	Pass
Band4	15	1747.5	QPSK	75	LOW	Pass
Band4	15	1747.5	QPSK	1	HIGH	Pass
Band4	15	1747.5	16QAM	75	LOW	Pass
Band4	15	1747.5	16QAM	1	HIGH	Pass
Band4	20	1720	QPSK	100	LOW	Pass

Band4	20	1720	QPSK	1	LOW	Pass
Band4	20	1720	16QAM	100	LOW	Pass
Band4	20	1720	16QAM	1	LOW	Pass
Band4	20	1745	QPSK	100	LOW	Pass
Band4	20	1745	QPSK	1	HIGH	Pass
Band4	20	1745	16QAM	100	LOW	Pass
Band4	20	1745	16QAM	1	HIGH	Pass

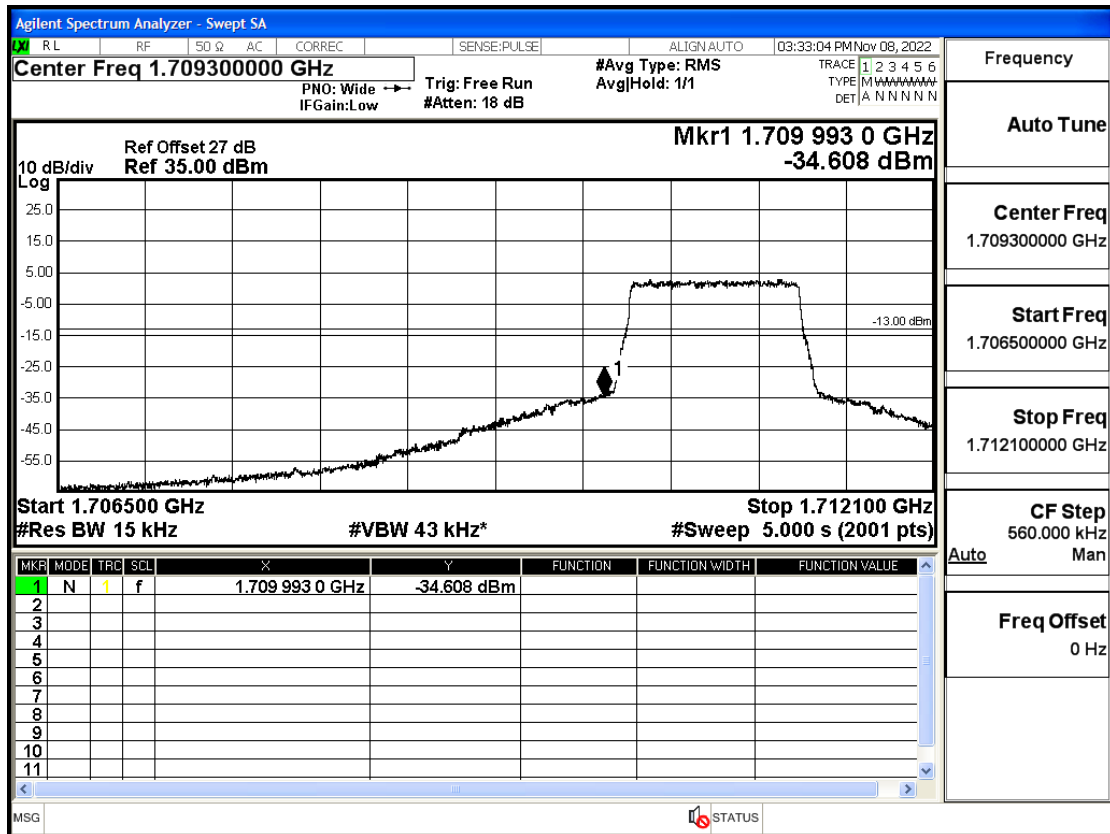
Band4-1.4-1710.7-QPSK-6#LOW@Pass



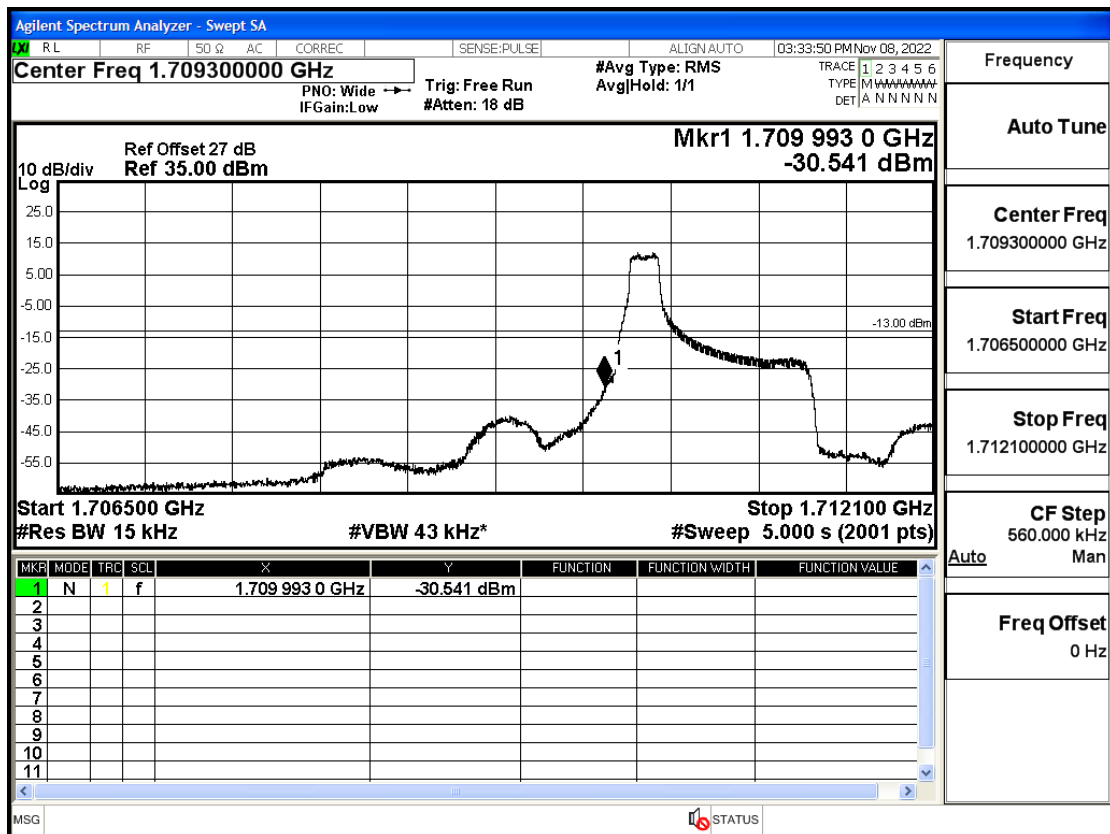
Band4-1.4-1710.7-QPSK-1#LOW@Pass



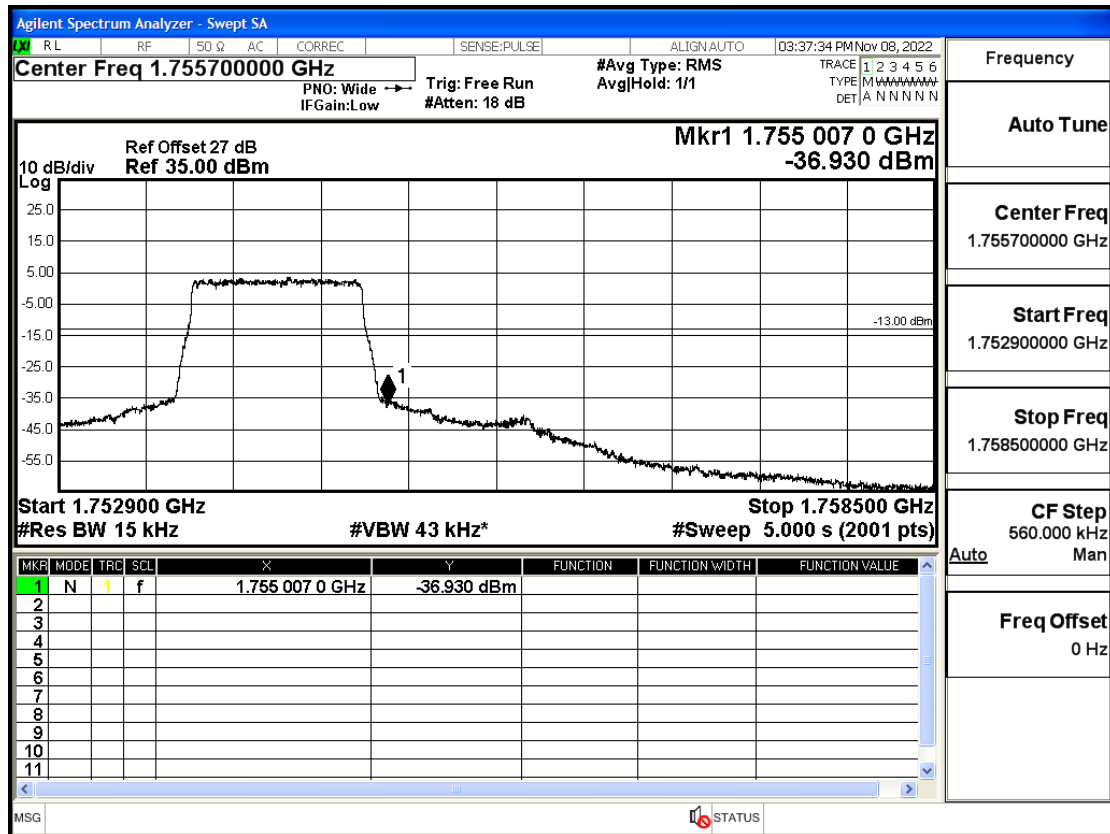
Band4-1.4-1710.7-16QAM-6#LOW@Pass



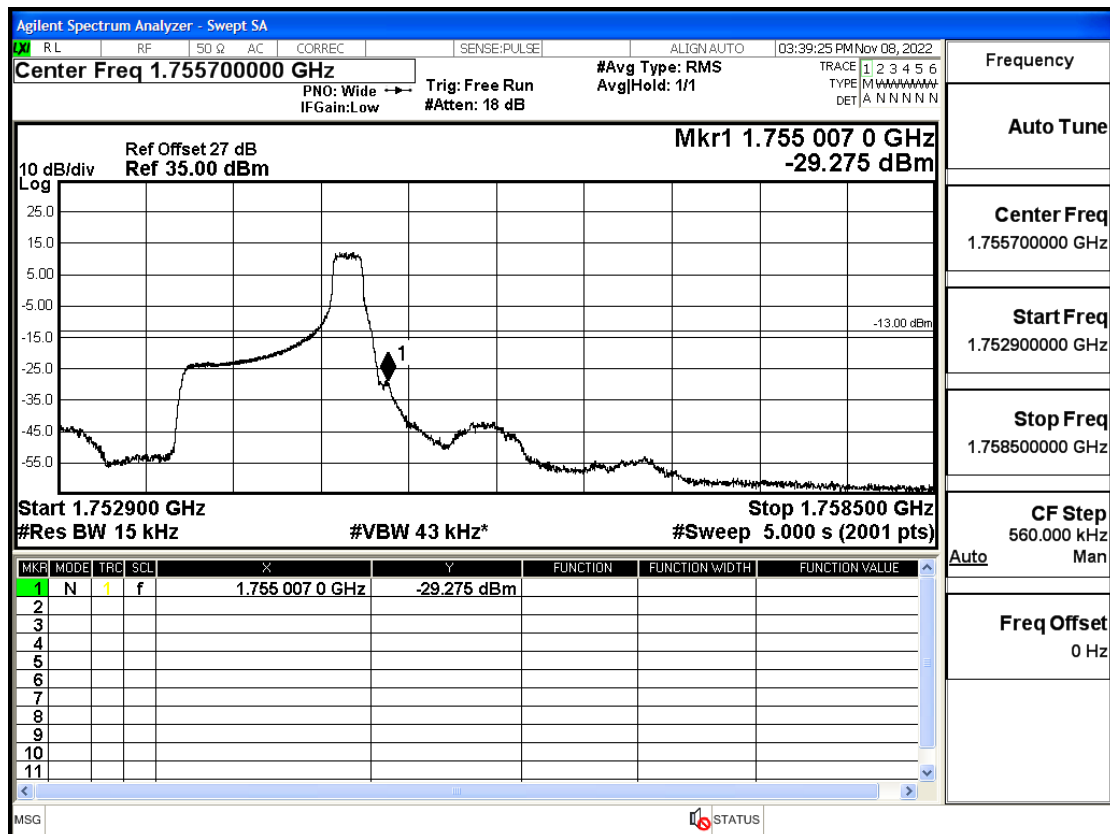
Band4-1.4-1710.7-16QAM-1#LOW@Pass



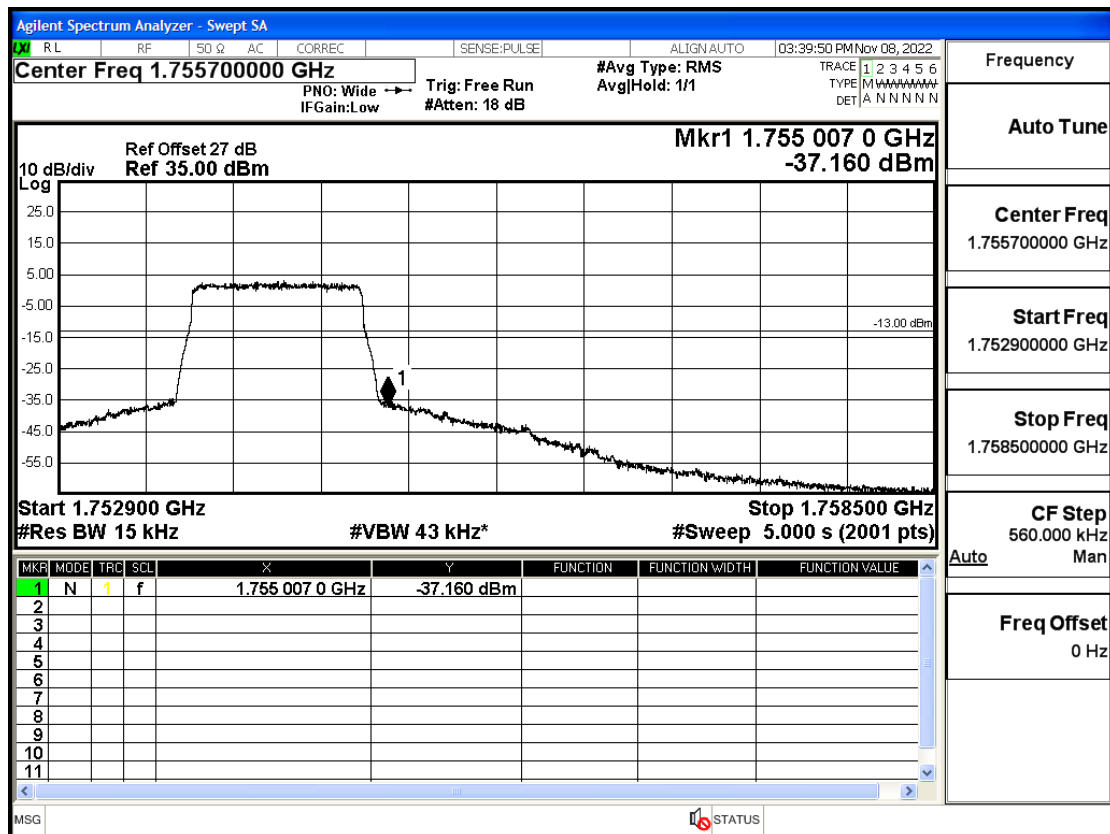
Band4-1.4-1754.3-QPSK-6#LOW@Pass



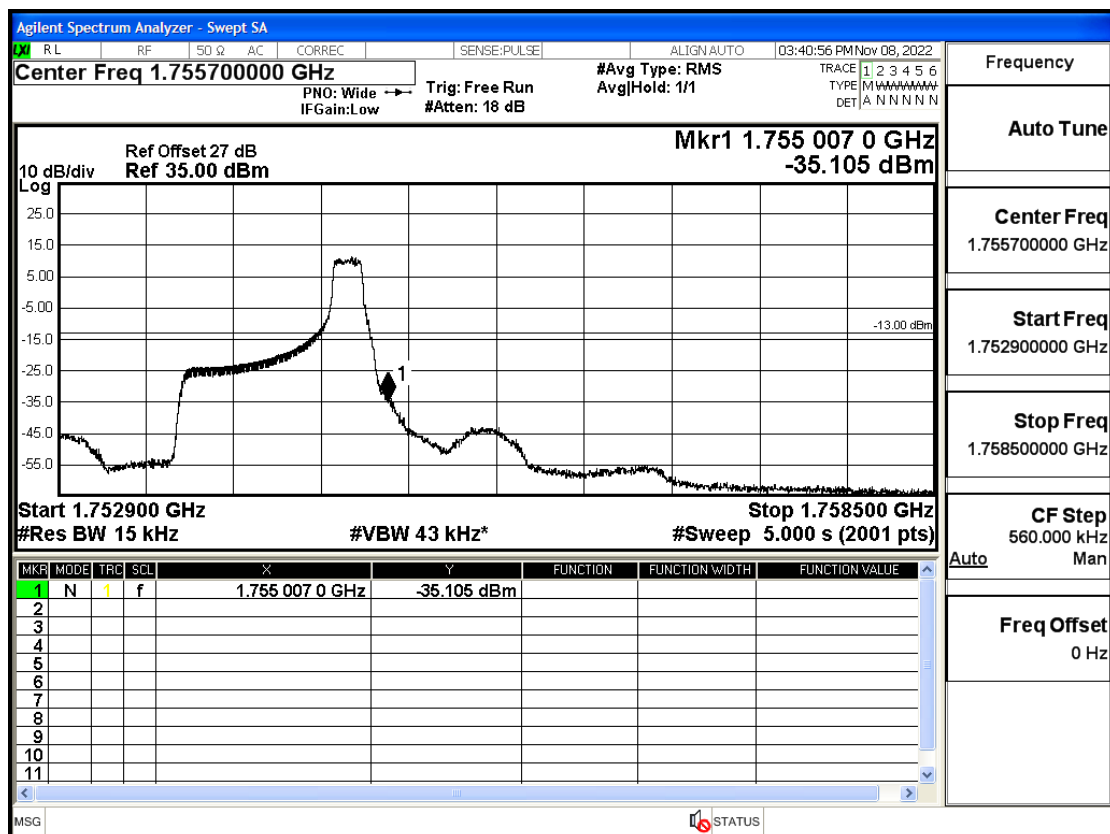
Band4-1.4-1754.3-QPSK-1#HIGH@Pass



Band4-1.4-1754.3-16QAM-6#LOW@Pass



Band4-1.4-1754.3-16QAM-1#HIGH@Pass



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO 03:41:25 PM Nov 08, 2022

Center Freq 1.708500000 GHz PNO: Wide IFGain: Low Trig: Free Run #Atten: 18 dB #Avg Type: RMS Avg/Hold: 1/1

TRACE 1 2 3 4 5 6
TYPE [M] [W] [A] [N] [N] [N] [N]
DET [A] [N] [N] [N] [N] [N]

Ref Offset 27 dB
Ref 35.00 dBm

Mkr1 1.709 985 GHz
-27.826 dBm

10 dB/div
Log

Start 1.702500 GHz Stop 1.714500 GHz
#Res BW 30 kHz #VBW 91 kHz* #Sweep 5.000 s (2001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.709 985 GHz	-27.826 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency
Auto Tune
Center Freq
1.708500000 GHz
Start Freq
1.702500000 GHz
Stop Freq
1.714500000 GHz
CF Step
1.200000 MHz
Man
Auto
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO 03:42:56 PM Nov 08, 2022

Center Freq 1.708500000 GHz #Avg Type: RMS AvgHold: 1/1 PNO: Wide IFGain: Low Trig: Free Run #Atten: 18 dB TRACE 1 2 3 4 5 6 TYPE M N N N N N N DET A N N N N N N

Ref Offset 27 dB Mkr1 1.709 985 GHz
Ref 35.00 dBm -20.461 dBm

10 dB/div Log

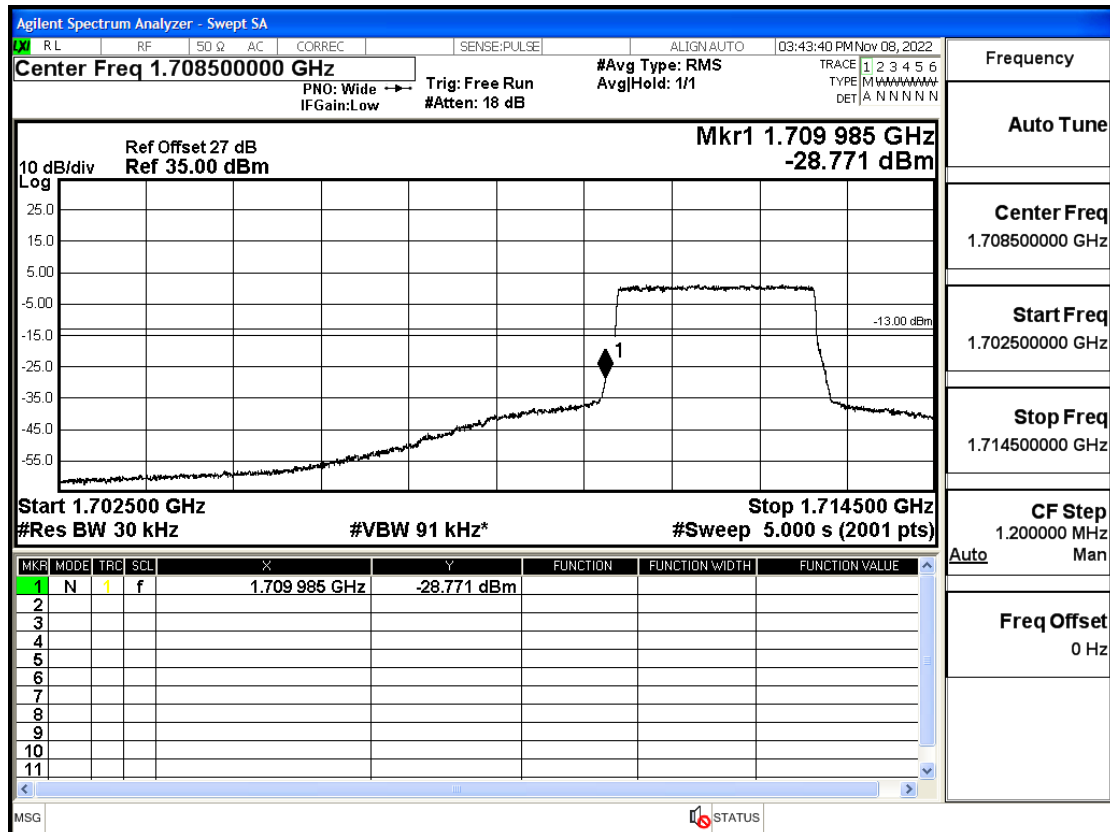
Start 1.702500 GHz Stop 1.714500 GHz
#Res BW 30 kHz #VBW 91 kHz* #Sweep 5.000 s (2001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.709 985 GHz	-20.461 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

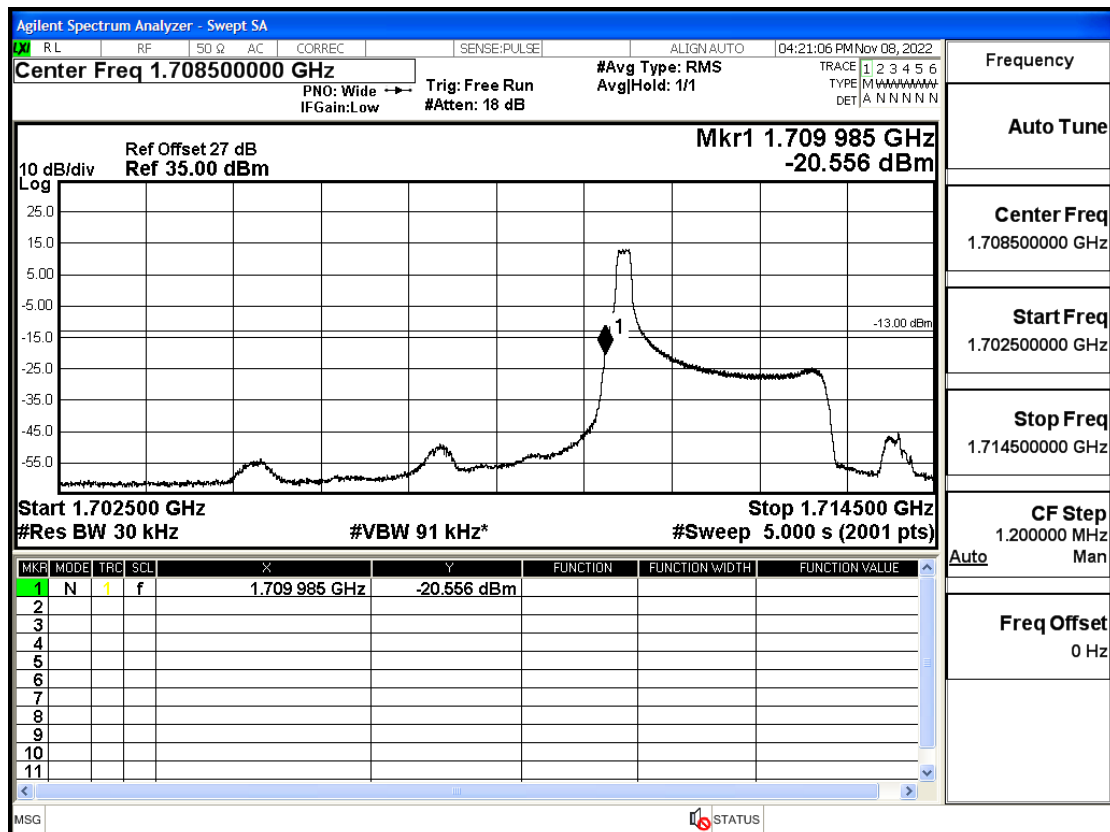
MSG STATUS

Frequency Auto Tune Center Freq 1.708500000 GHz Start Freq 1.702500000 GHz Stop Freq 1.714500000 GHz CF Step 1.200000 MHz Man Freq Offset 0 Hz

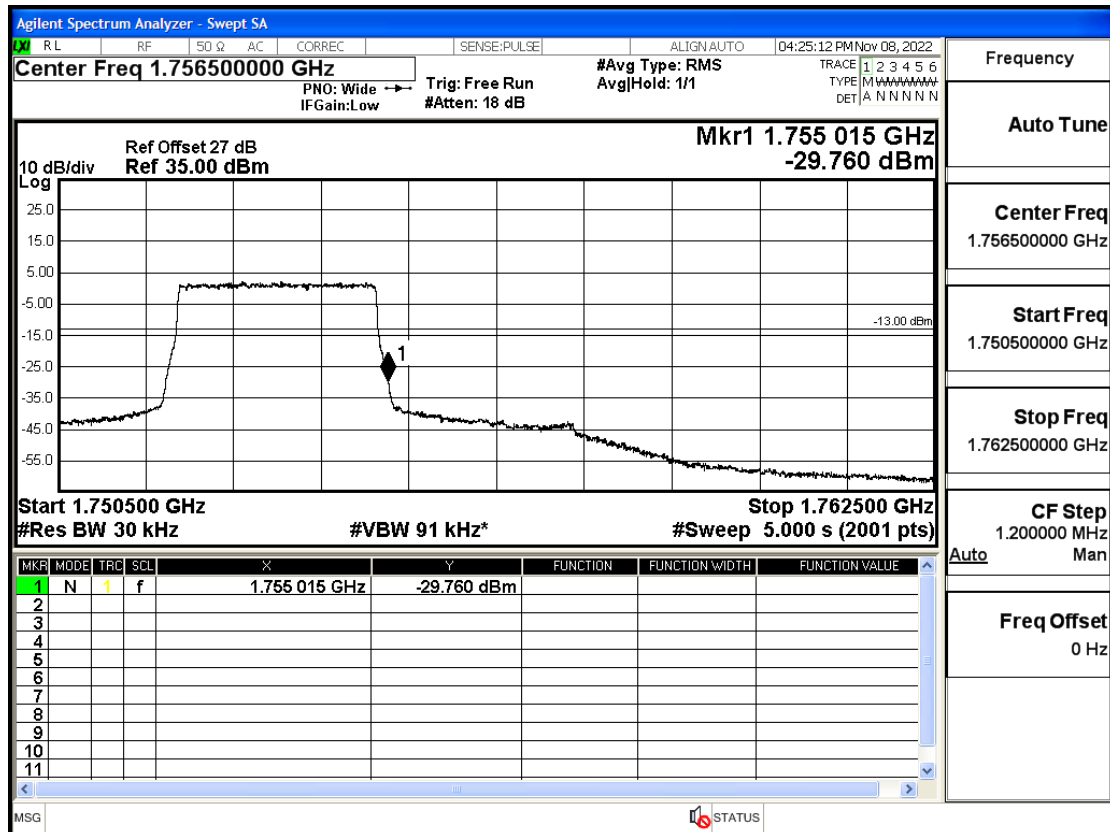
Band4-3-1711.5-16QAM-15#LOW@Pass



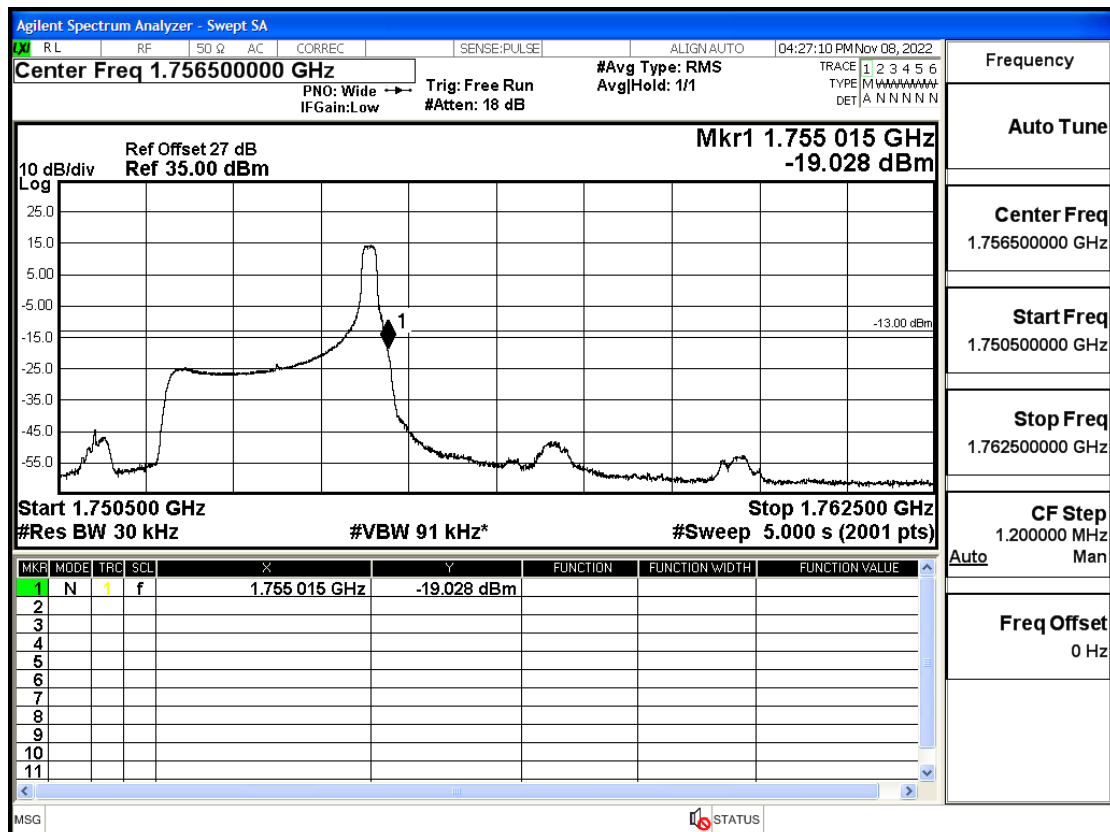
Band4-3-1711.5-16QAM-1#LOW@Pass



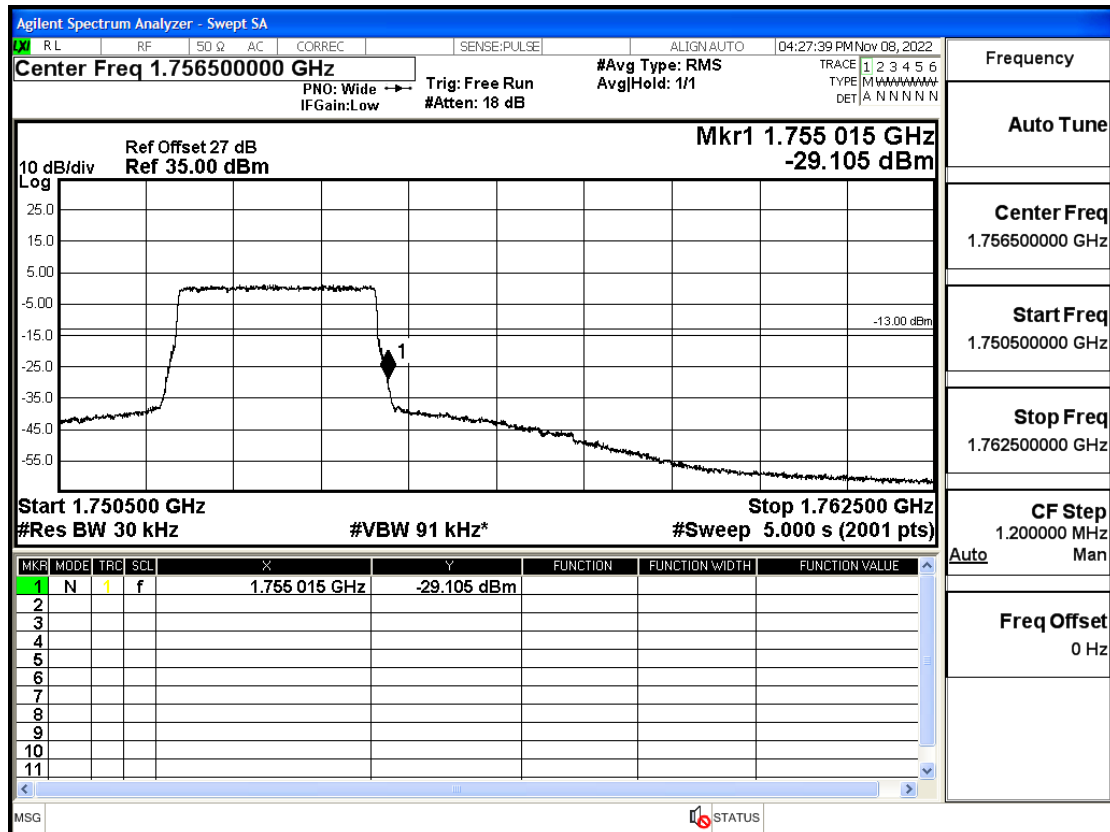
Band4-3-1753.5-QPSK-15#LOW@Pass



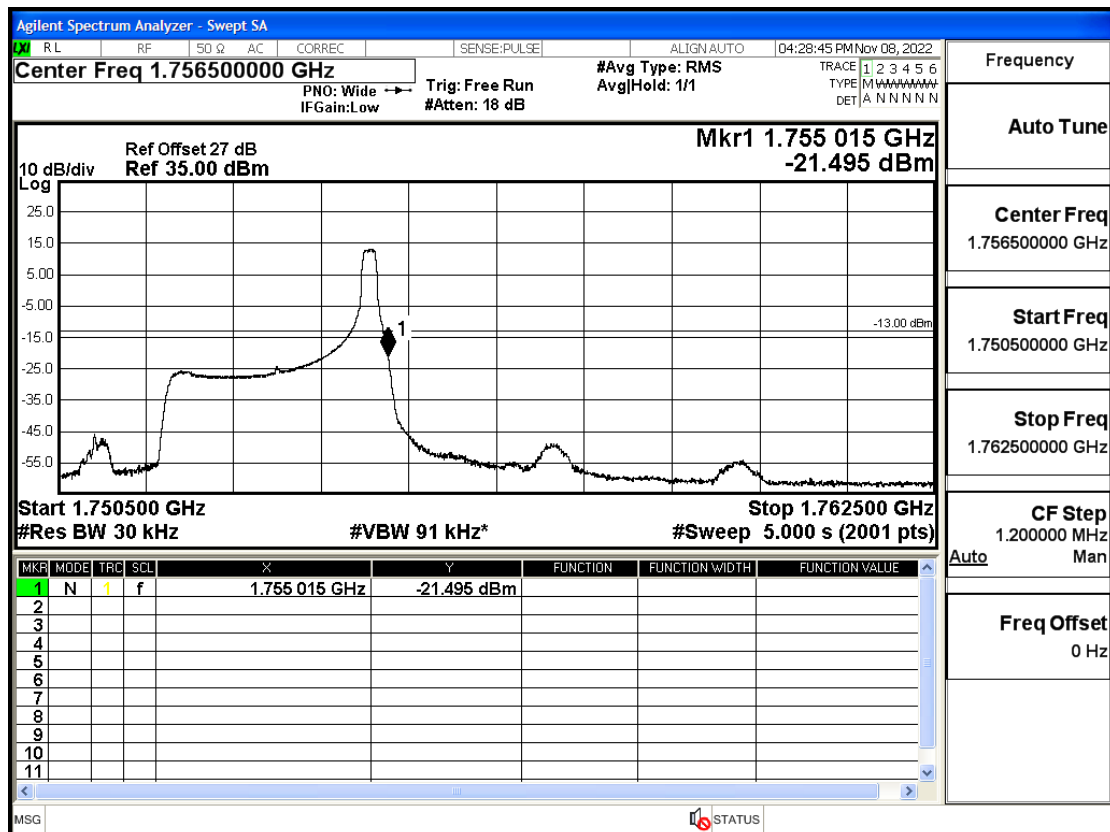
Band4-3-1753.5-QPSK-1#HIGH@Pass



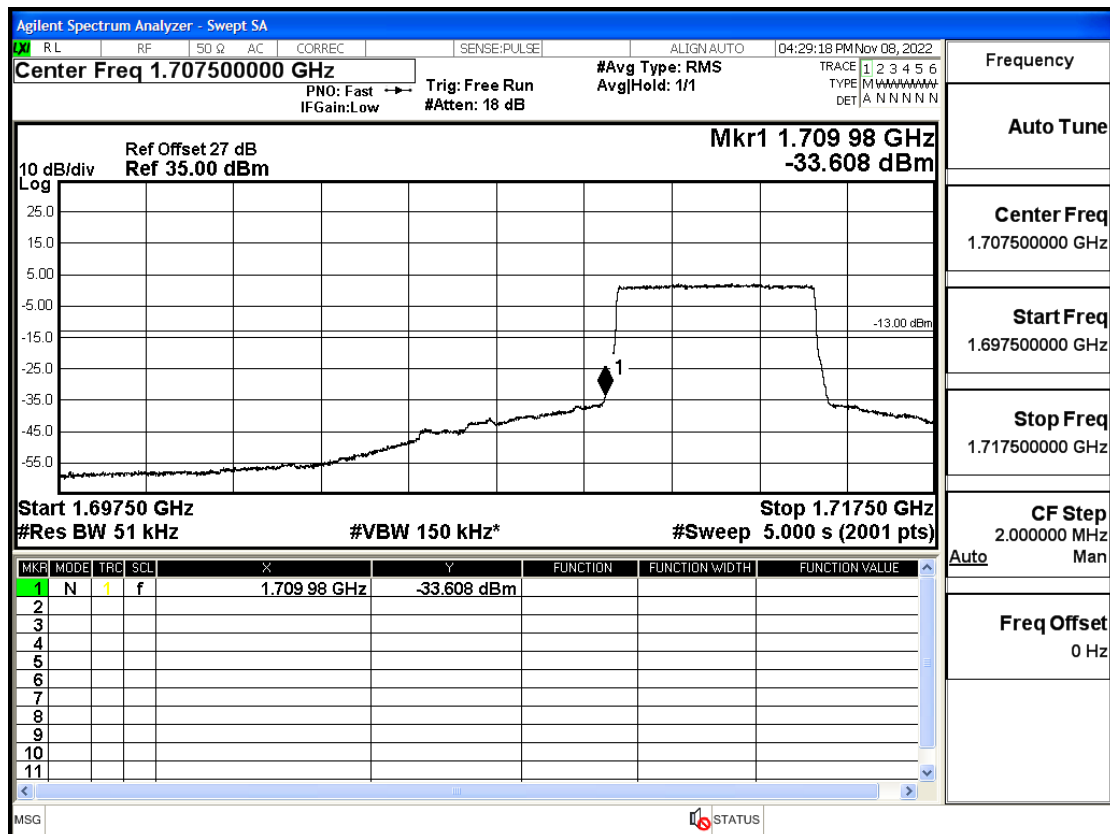
Band4-3-1753.5-16QAM-15#LOW@Pass



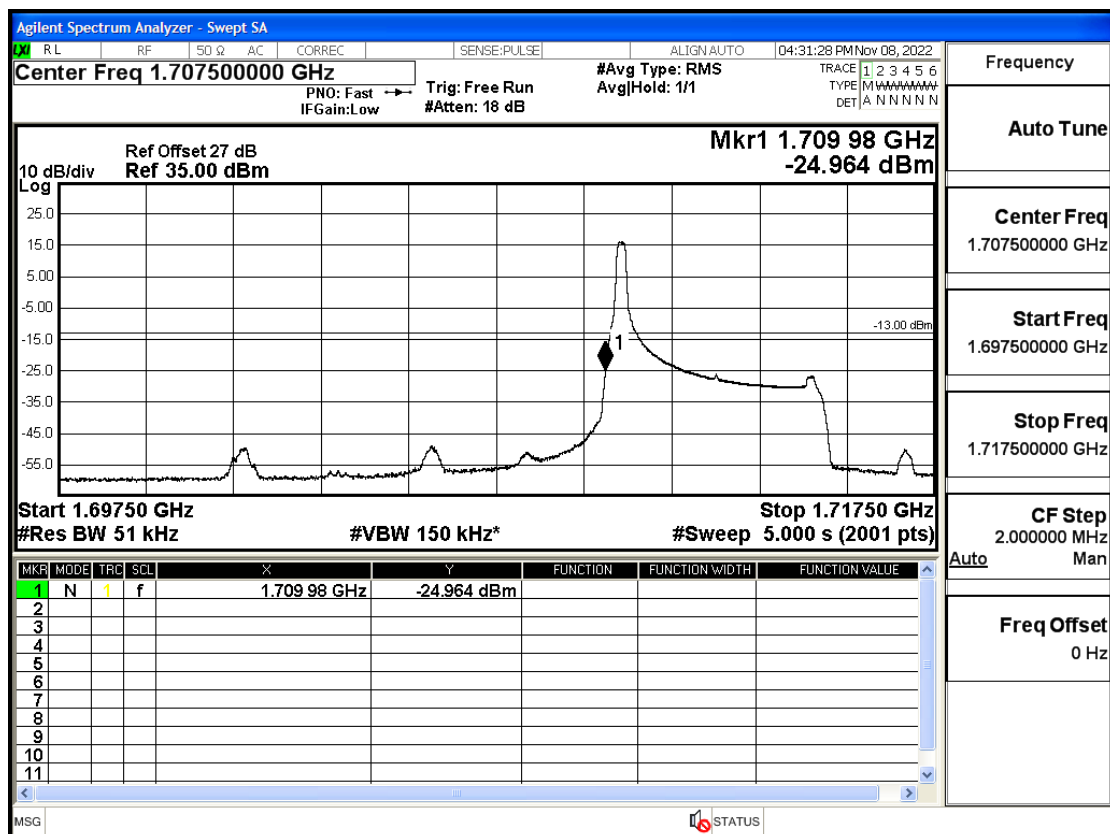
Band4-3-1753.5-16QAM-1#HIGH@Pass



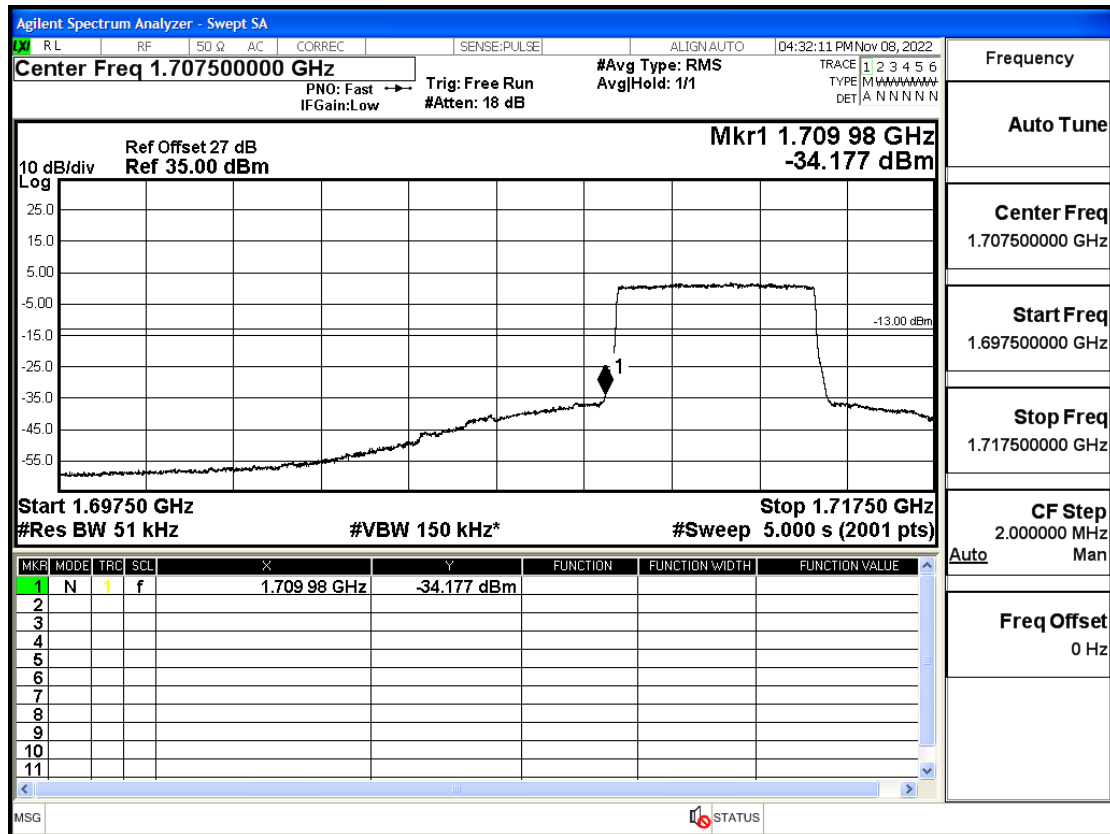
Band4-5-1712.5-QPSK-25#LOW@Pass



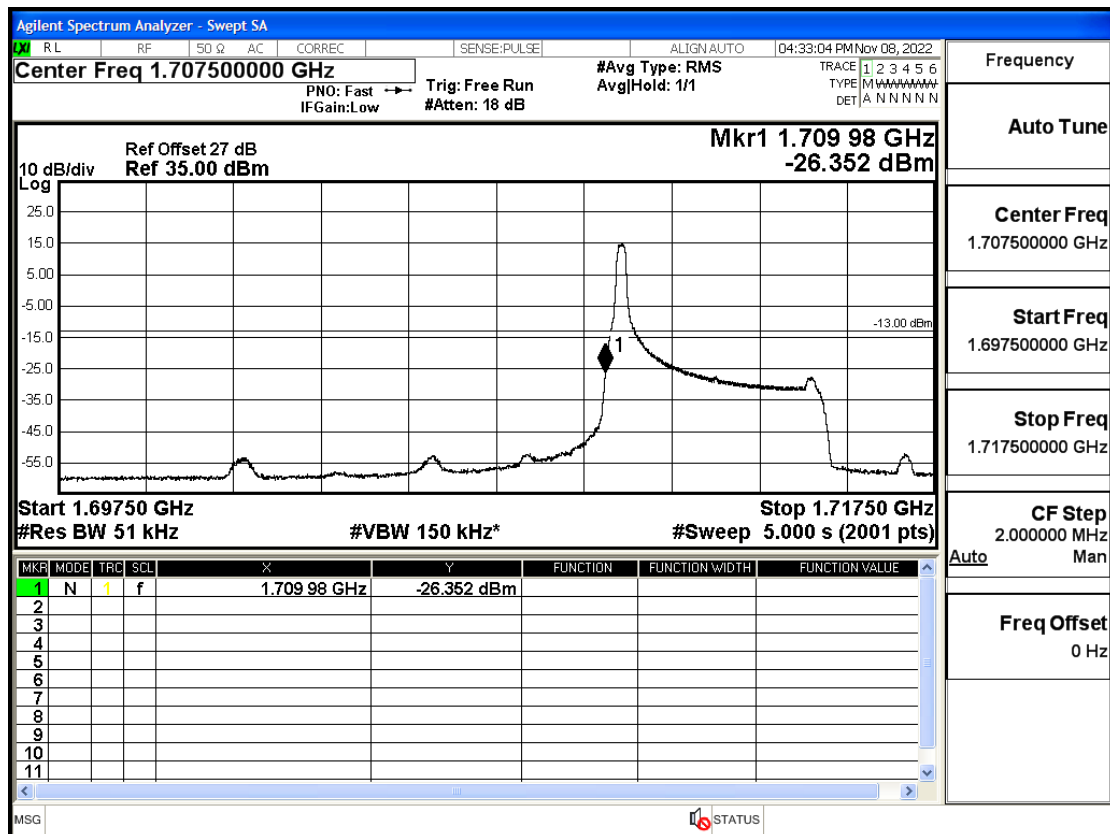
Band4-5-1712.5-QPSK-1#LOW@Pass



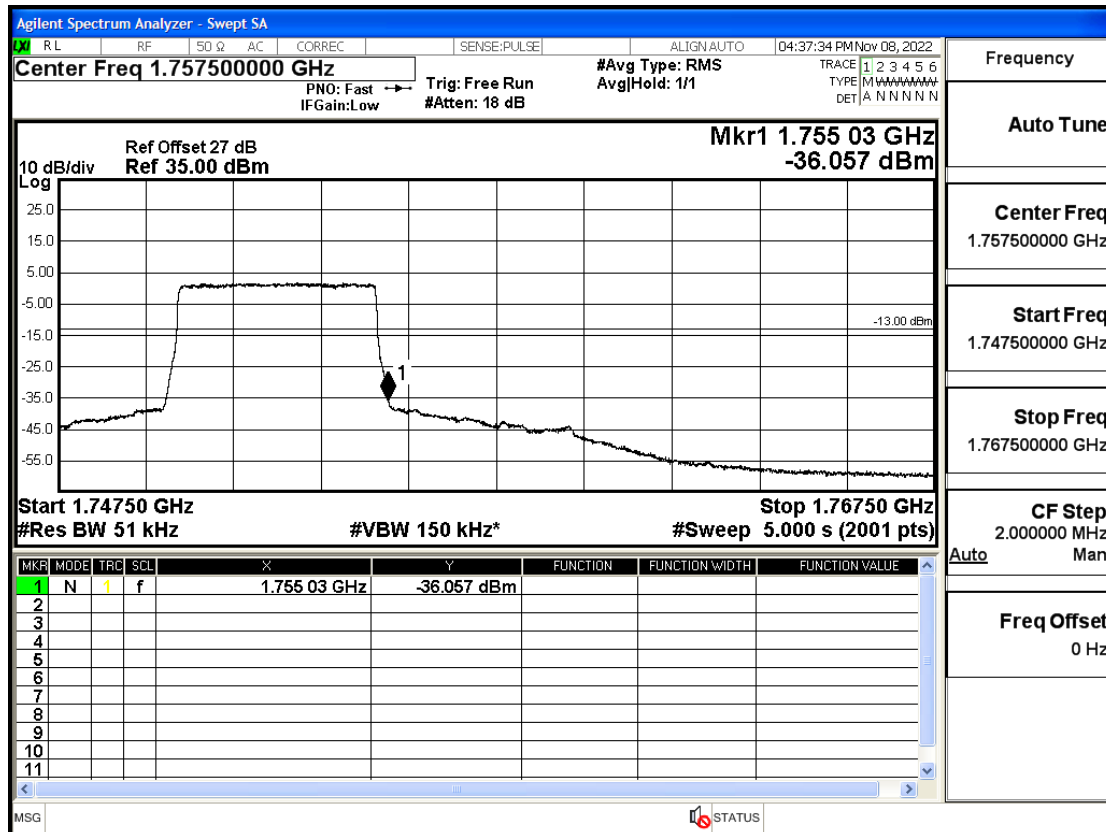
Band4-5-1712.5-16QAM-25#LOW@Pass



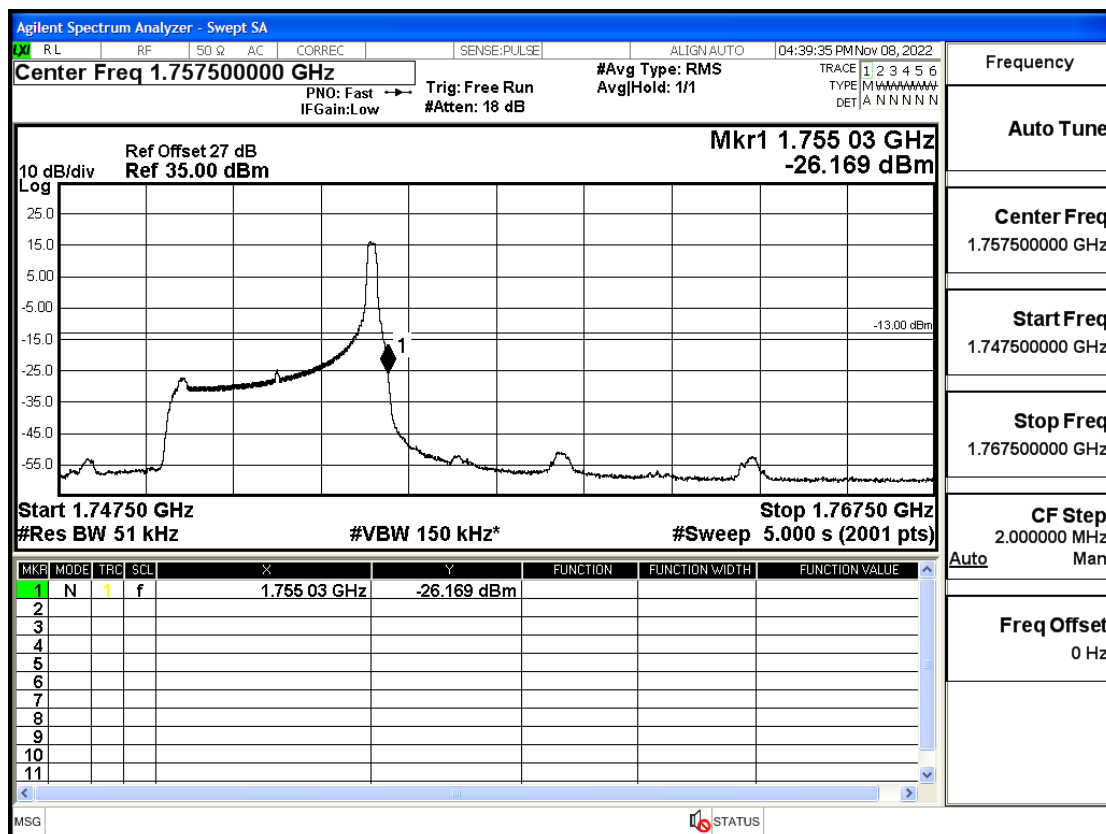
Band4-5-1712.5-16QAM-1#LOW@Pass



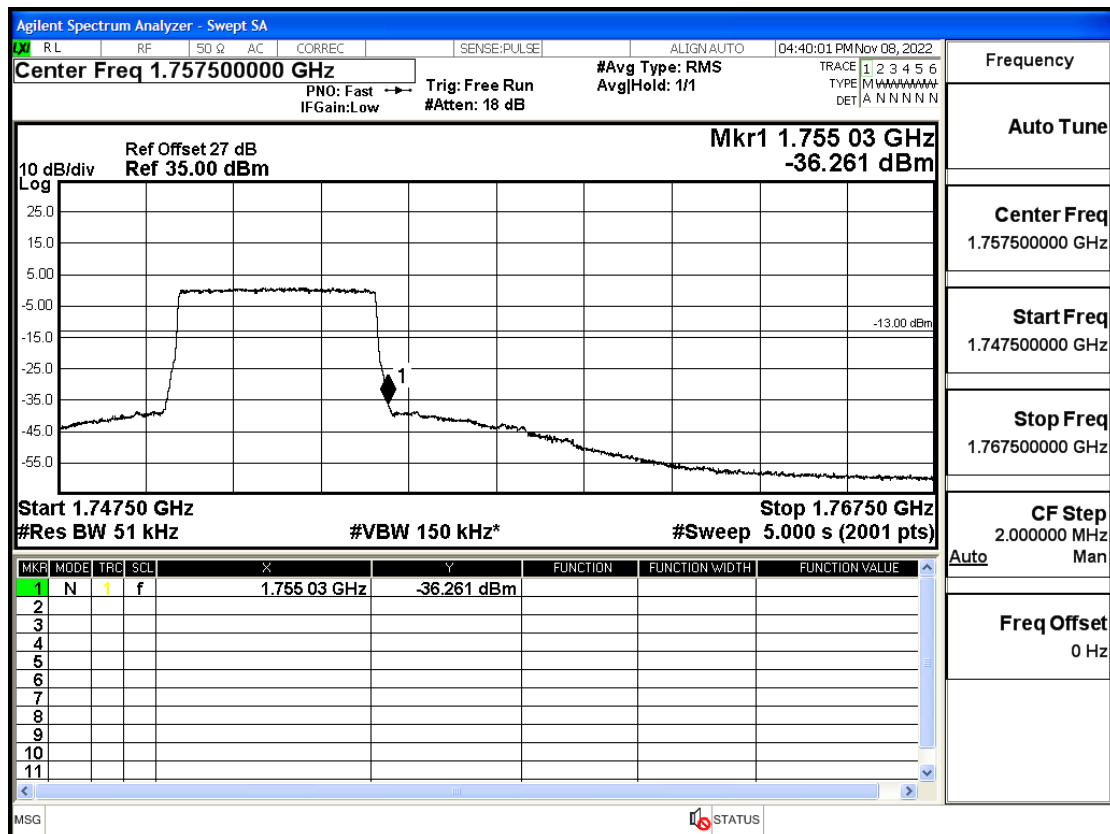
Band4-5-1752.5-QPSK-25#LOW@Pass



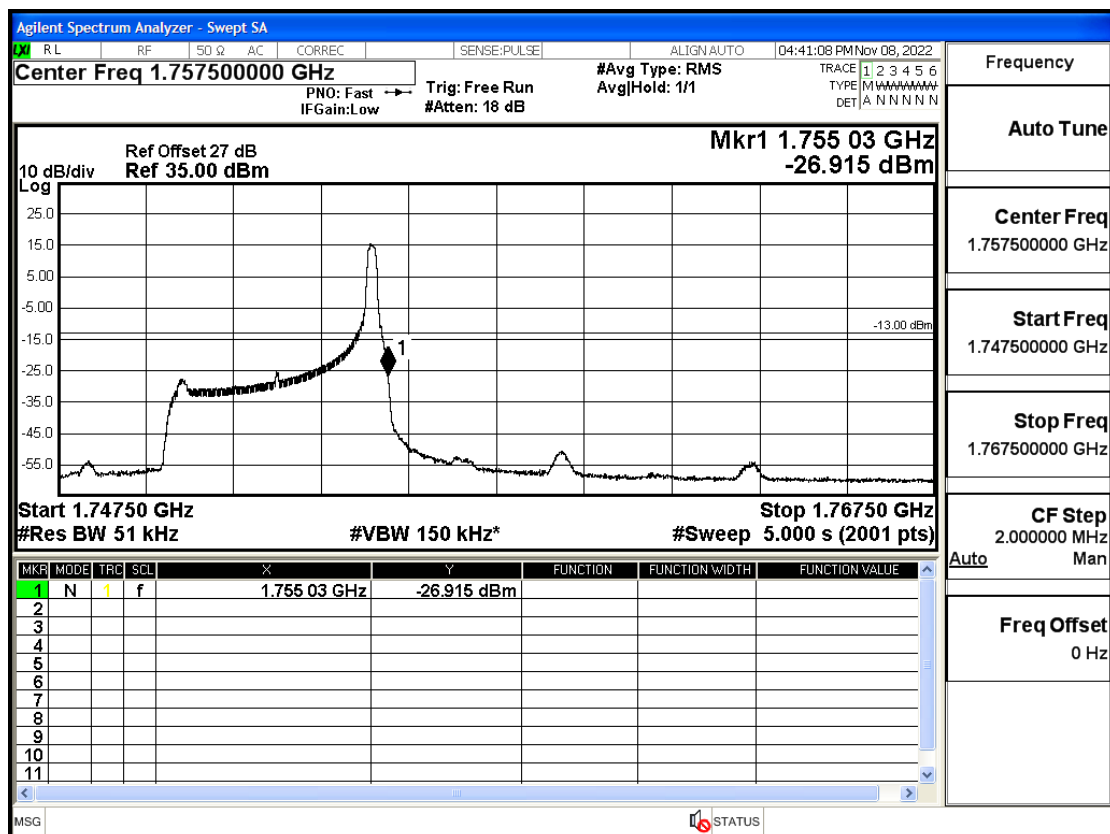
Band4-5-1752.5-QPSK-1#HIGH@Pass



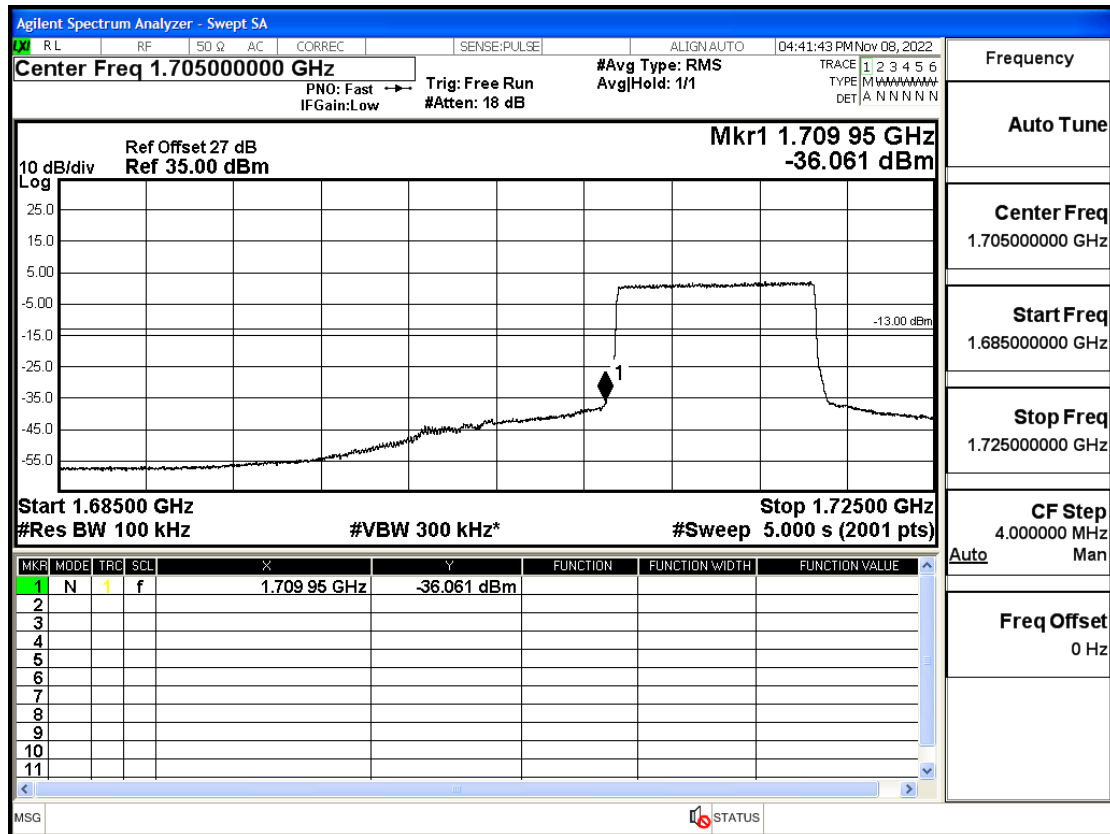
Band4-5-1752.5-16QAM-25#LOW@Pass



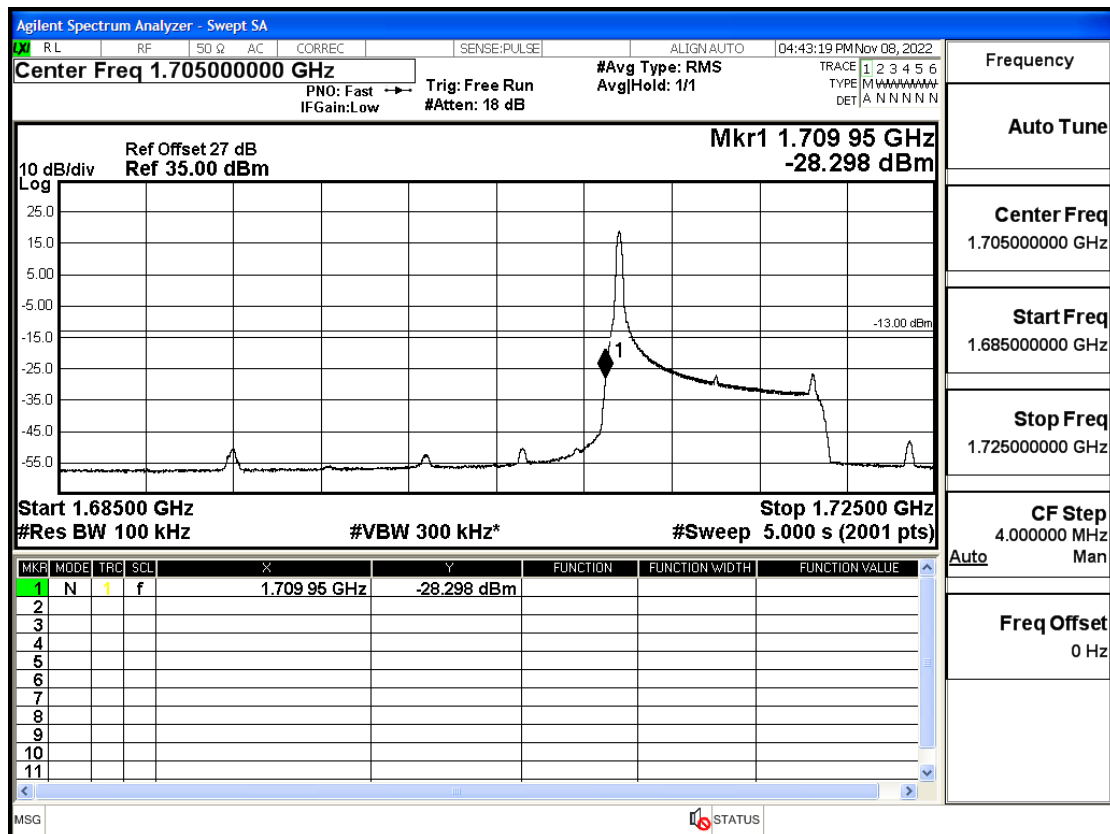
Band4-5-1752.5-16QAM-1#HIGH@Pass



Band4-10-1715-QPSK-50#LOW@Pass



Band4-10-1715-QPSK-1#LOW@Pass



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO 04:44:01 PM Nov 08, 2022

Center Freq 1.705000000 GHz

PNO: Fast IFGain: Low Trig: Free Run #Atten: 18 dB

#Avg Type: RMS AvgHld: 1/1

TRACE 1 2 3 4 5 6
TYPE [M] [W] [A] [N] [N] [N] [N]
DET [A] [N] [N] [N] [N] [N]

Ref Offset 27 dB
Ref 35.00 dBm

Mkr1 1.709 95 GHz
-36.863 dBm

10 dB/div
Log

Start 1.68500 GHz
#Res BW 100 kHz

Stop 1.72500 GHz
#Sweep 5.000 s (2001 pts)

#VBW 300 kHz*

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.709 95 GHz	-36.863 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
1.705000000 GHz

Start Freq
1.685000000 GHz

Stop Freq
1.725000000 GHz

CF Step
4.000000 MHz

Man

Auto

Freq Offset
0 Hz

MSG

STATUS

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO 04:45:01 PM Nov 08, 2022

Center Freq 1.705000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 18 dB #Avg Type: RMS Avg/Hold: 1/1 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET A N N N N N N

Ref Offset 27 dB
Ref 35.00 dBm

Mkr1 1.709 95 GHz
-29.266 dBm

10 dB/div
Log

Start 1.68500 GHz
#Res BW 100 kHz

Stop 1.72500 GHz
#Sweep 5.000 s (2001 pts)

#VBW 300 kHz*

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.709 95 GHz	-29.266 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
1.705000000 GHz

Start Freq
1.685000000 GHz

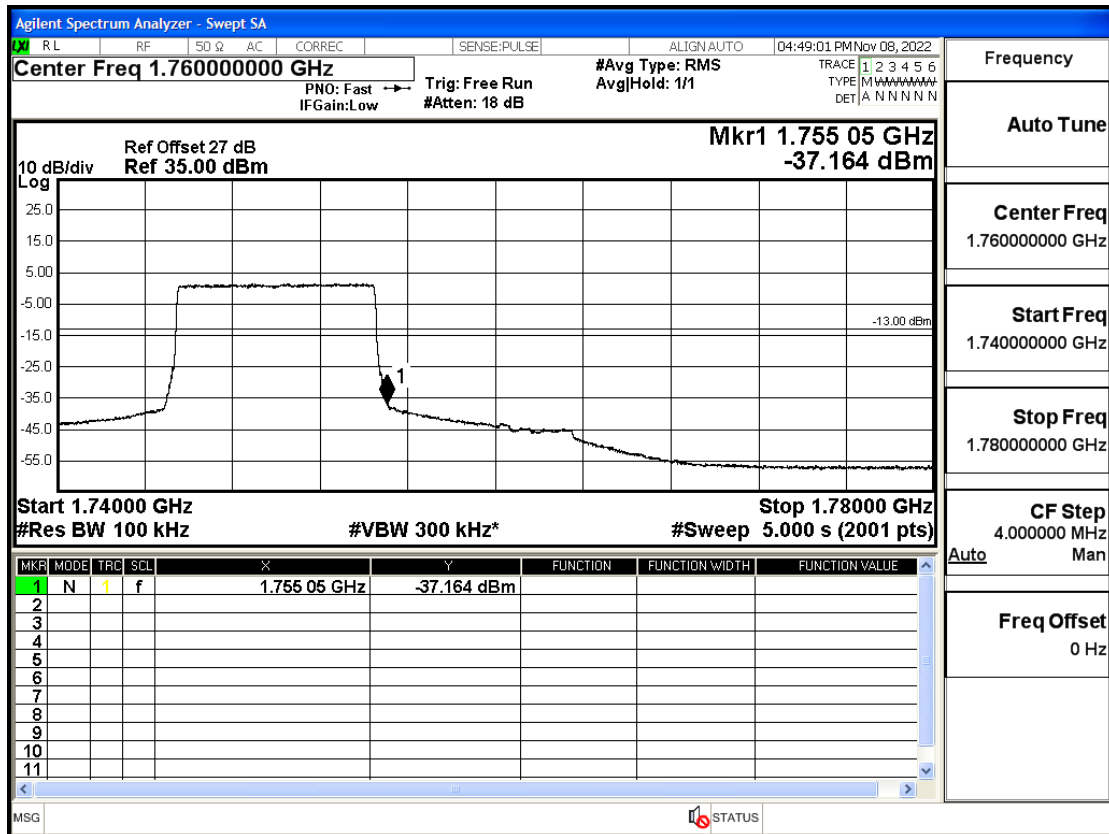
Stop Freq
1.725000000 GHz

CF Step
4.000000 MHz

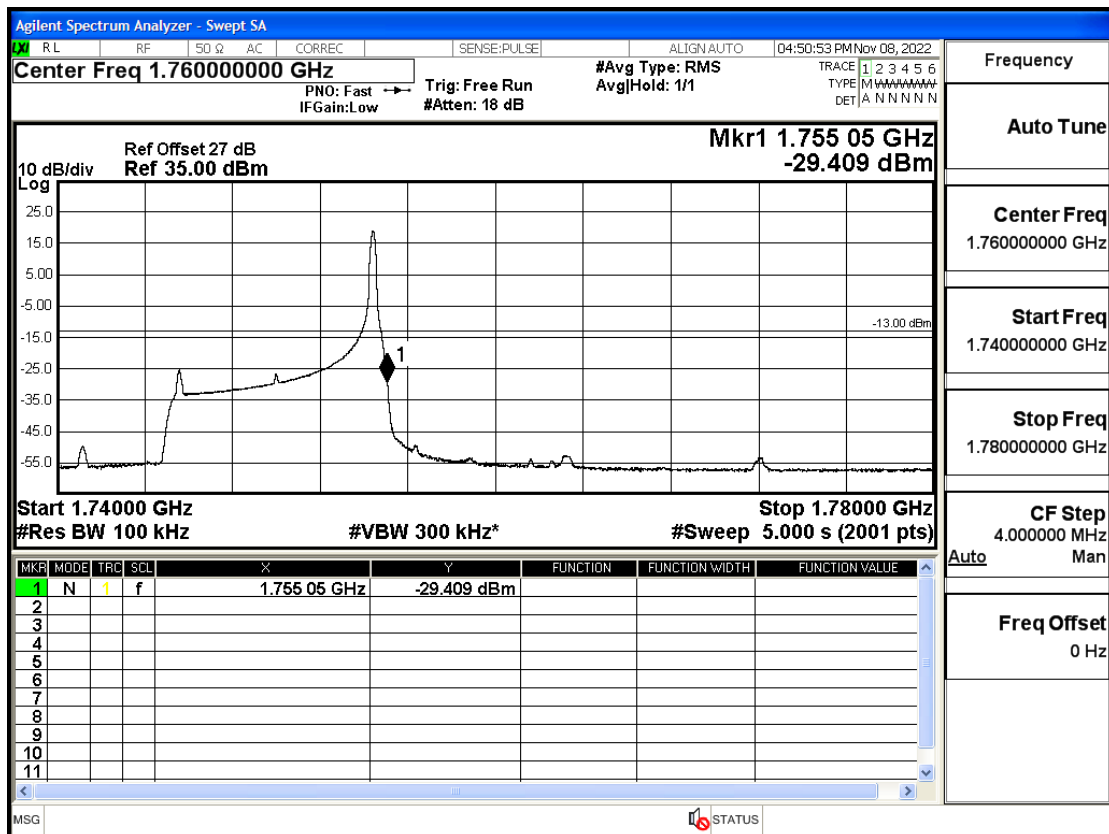
Auto Man

Freq Offset
0 Hz

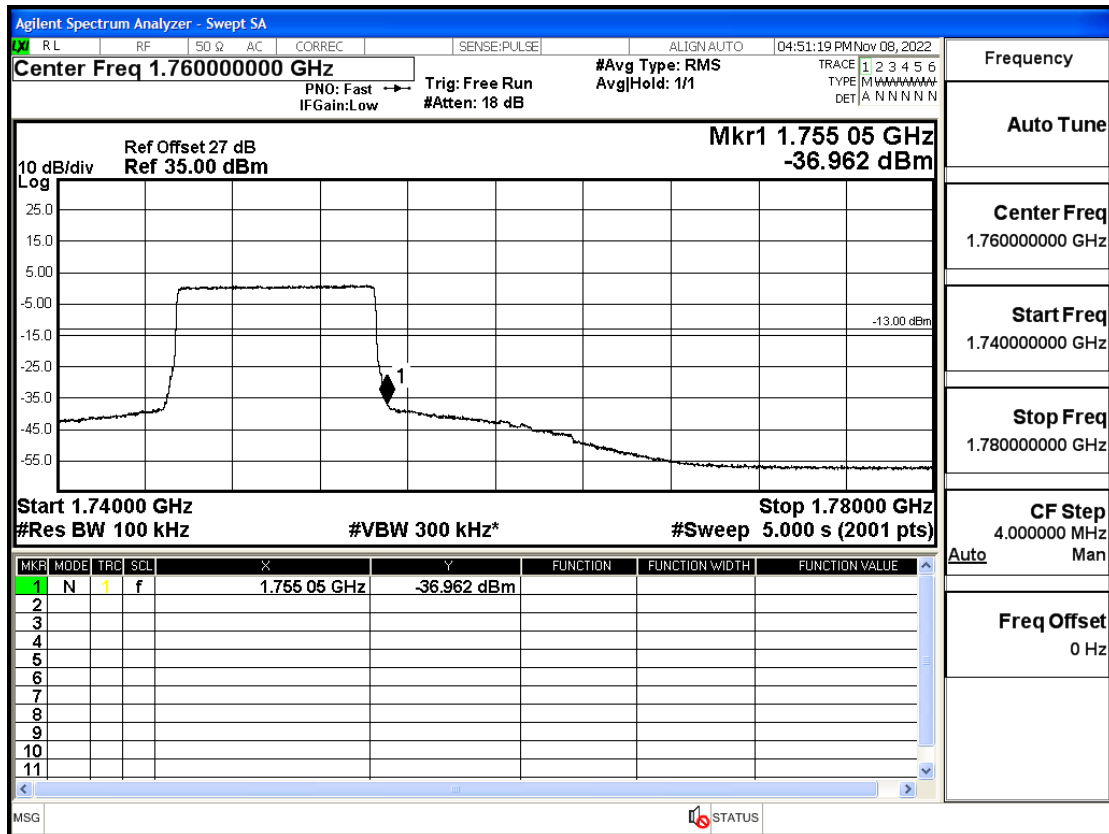
Band4-10-1750-QPSK-50#LOW@Pass



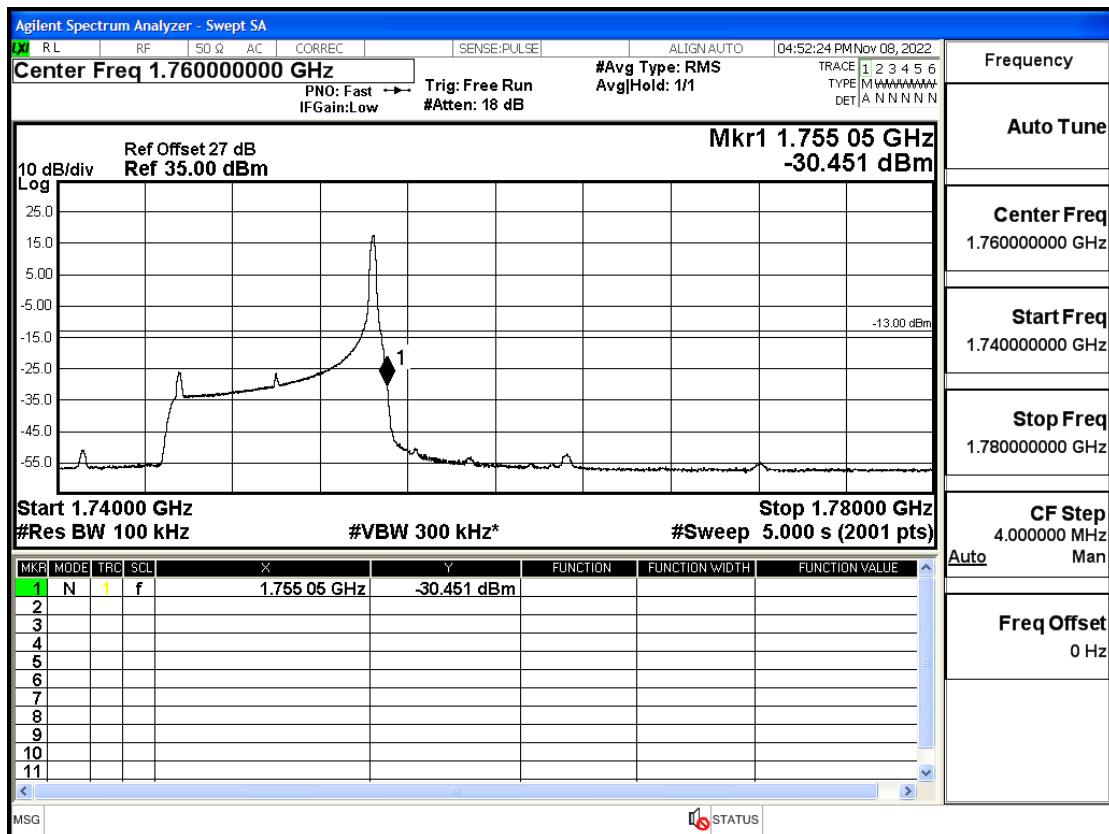
Band4-10-1750-QPSK-1#HIGH@Pass



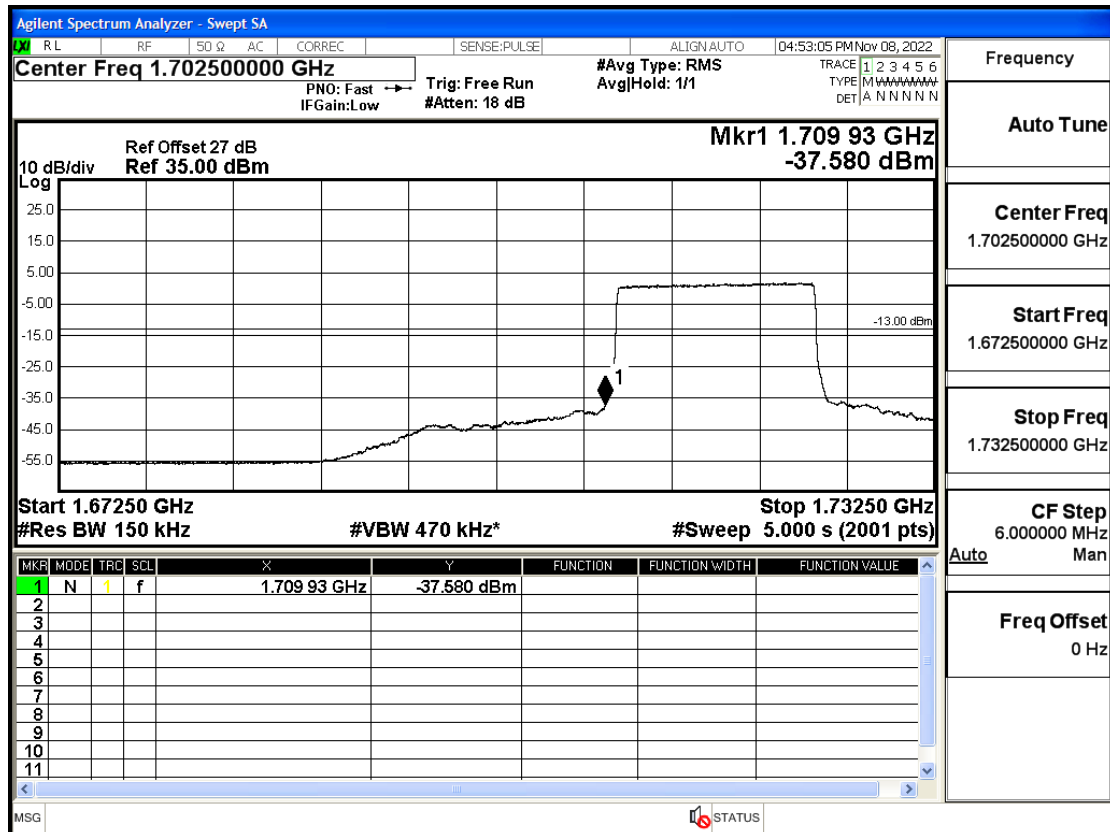
Band4-10-1750-16QAM-50#LOW@Pass



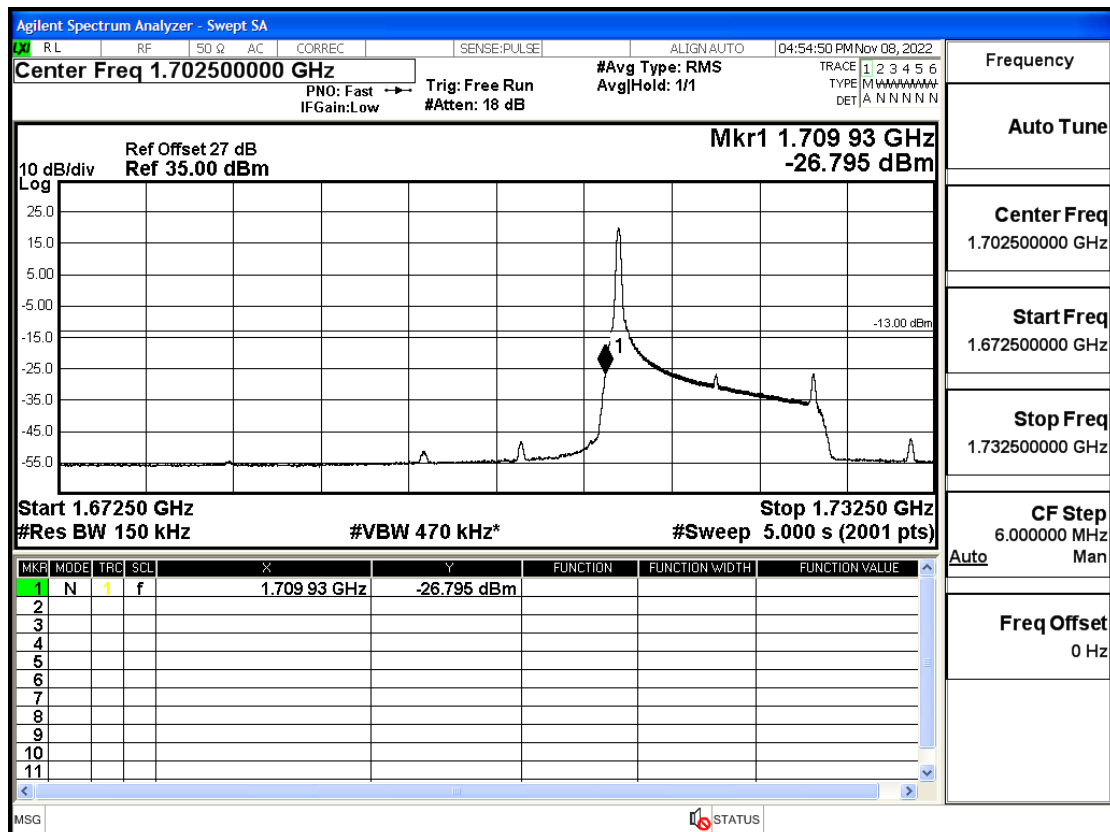
Band4-10-1750-16QAM-1#HIGH@Pass



Band4-15-1717.5-QPSK-75#LOW@Pass



Band4-15-1717.5-QPSK-1#LOW@Pass



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Center Freq 1.702500000 GHz

Ref Offset 27 dB
Ref 35.00 dBm

Mkr1 1.709 93 GHz
-37.011 dBm

10 dB/div
Log

Start 1.67250 GHz
#Res BW 150 kHz

Stop 1.73250 GHz
#Sweep 5.000 s (2001 pts)

#VBW 470 kHz*

Trig: Free Run
#Atten: 18 dB

#Avg Type: RMS
Avg/Hold: 1/1

TRACE 1 1 2 3 4 5 6
TYPE [M] W W W W W W W
DET [A] N N N N N

PNO: Fast
IFGain: Low

Frequency

Auto Tune

Center Freq
1.702500000 GHz

Start Freq
1.672500000 GHz

Stop Freq
1.732500000 GHz

CF Step
6.000000 MHz

Man

Auto

Freq Offset
0 Hz

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.709 93 GHz	-37.011 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO 04:56:33 PM Nov 08, 2022

Center Freq 1.702500000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 18 dB #Avg Type: RMS Avg/Hold: 1/1 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET A N N N N N N

Ref Offset 27 dB
Ref 35.00 dBm

Mkr1 1.709 93 GHz
-26.431 dBm

10 dB/div
Log

Start 1.67250 GHz
#Res BW 150 kHz

Stop 1.73250 GHz
#Sweep 5.000 s (2001 pts)

#VBW 470 kHz*

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.709 93 GHz	-26.431 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
1.702500000 GHz

Start Freq
1.672500000 GHz

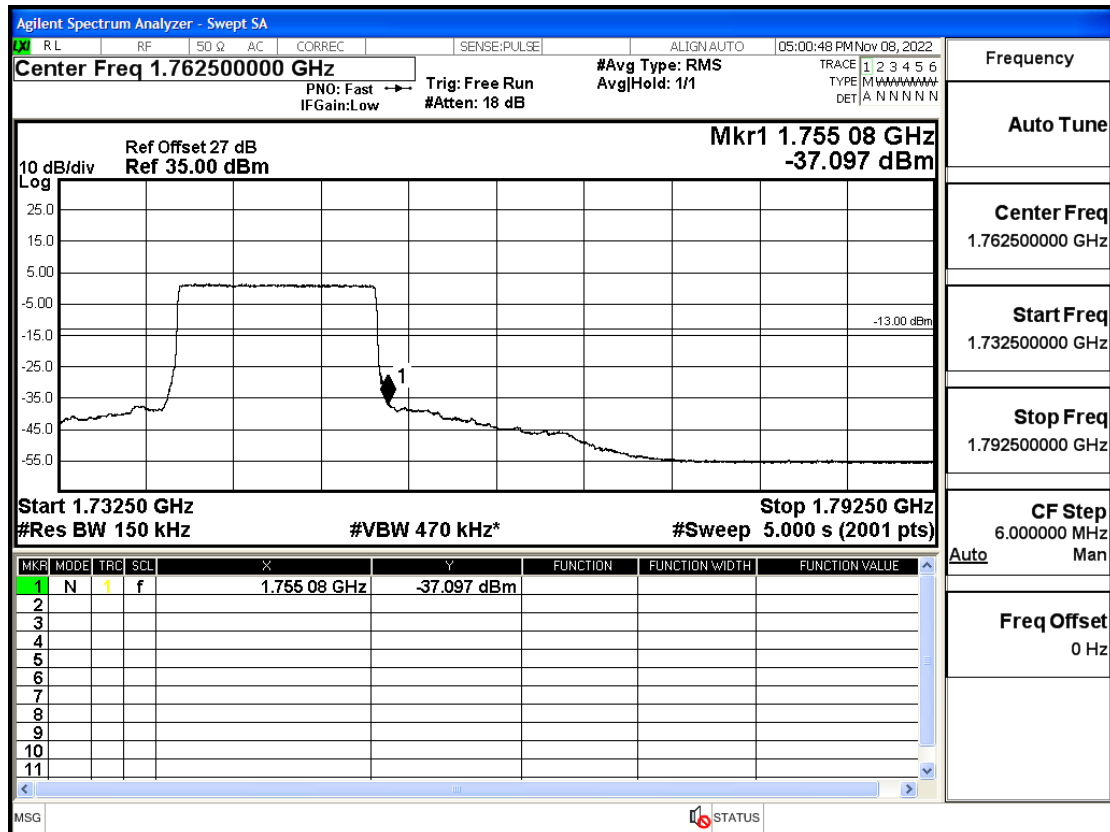
Stop Freq
1.732500000 GHz

CF Step
6.000000 MHz

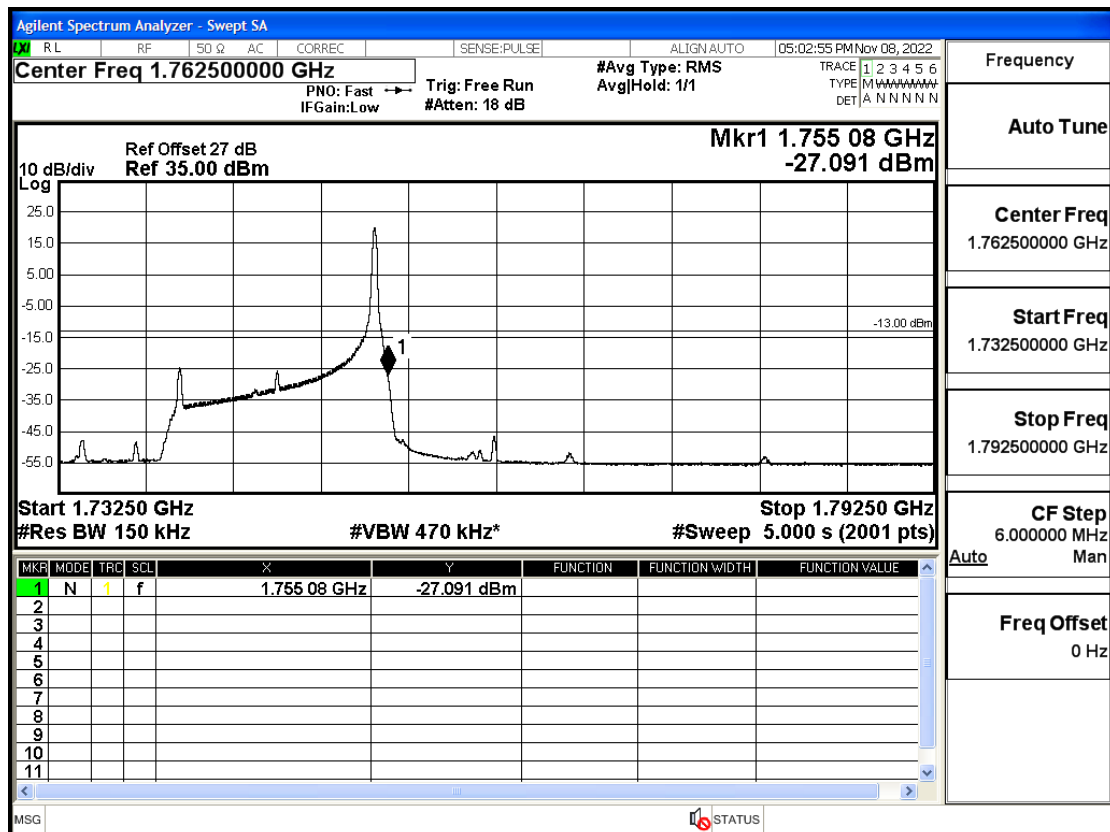
Auto Man

Freq Offset
0 Hz

Band4-15-1747.5-QPSK-75#LOW@Pass



Band4-15-1747.5-QPSK-1#HIGH@Pass



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO 05:03:26 PM Nov 08, 2022

Center Freq 1.762500000 GHz

PNO: Fast IFGain:Low Trig: Free Run #Atten: 18 dB

#Avg Type: RMS AvgHold: 1/1

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

Ref Offset 27 dB
Ref 35.00 dBm

Mkr1 1.755 08 GHz
-37.022 dBm

10 dB/div
Log

Start 1.73250 GHz
#Res BW 150 kHz

Stop 1.79250 GHz
#Sweep 5.000 s (2001 pts)

#VBW 470 kHz*

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.755 08 GHz	-37.022 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq
1.762500000 GHz

Start Freq
1.732500000 GHz

Stop Freq
1.792500000 GHz

CF Step
6.000000 MHz

Auto Man

Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN:AUTO 05:04:44 PM Nov 08, 2022

Center Freq 1.762500000 GHz PNO: Fast IFGain:Low Trig: Free Run #Atten: 18 dB #Avg Type: RMS Avg|Hold: 1/1 TRACE 1 2 3 4 5 6 TYPE M M M M M M M M DET A N N N N N

Ref Offset 27 dB Mkr1 1.755 08 GHz
Ref 35.00 dBm -28.033 dBm

10 dB/div Log

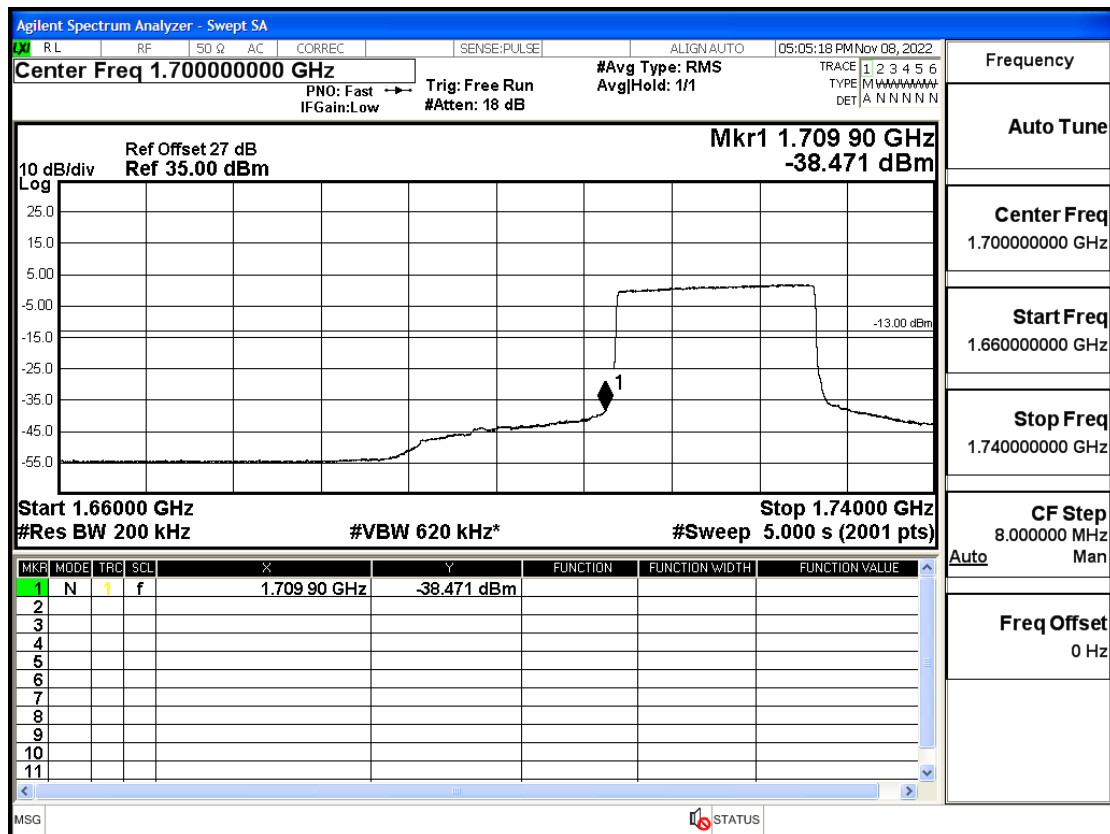
Start 1.73250 GHz Stop 1.79250 GHz
#Res BW 150 kHz #VBW 470 kHz* #Sweep 5.000 s (2001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.755 08 GHz	-28.033 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

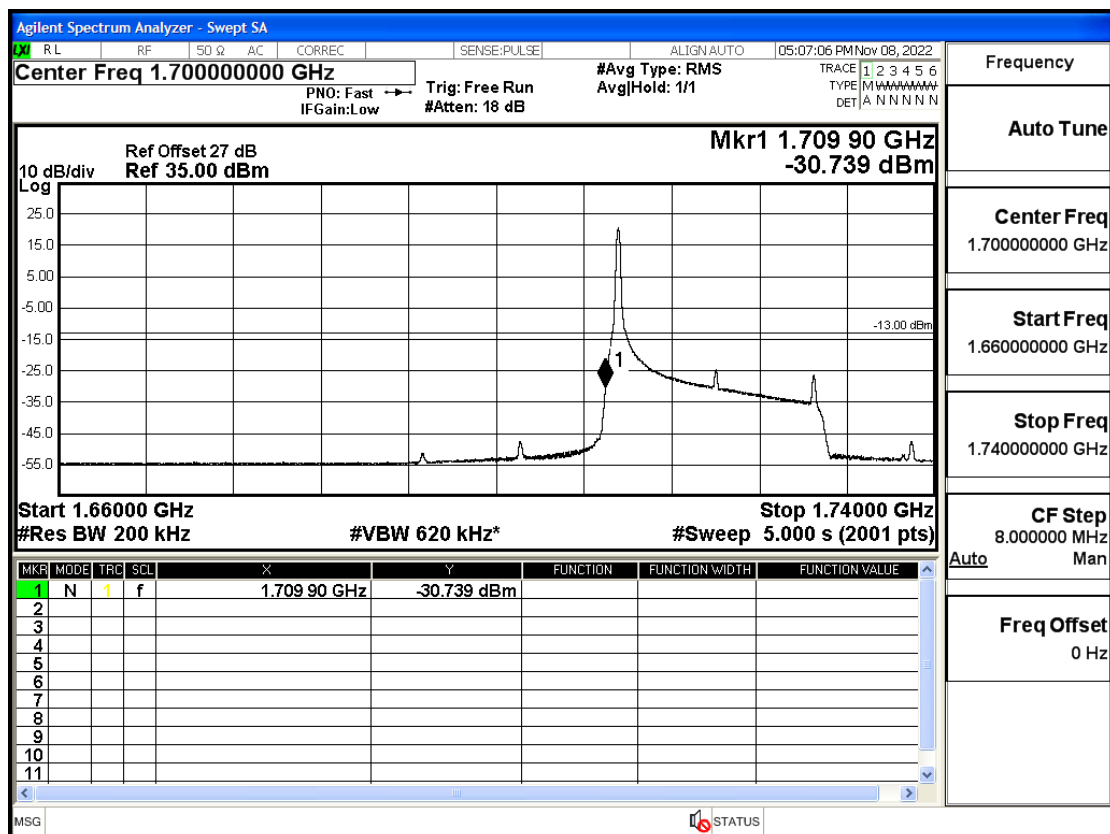
MSG STATUS

Frequency Auto Tune Center Freq 1.762500000 GHz Start Freq 1.732500000 GHz Stop Freq 1.792500000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz

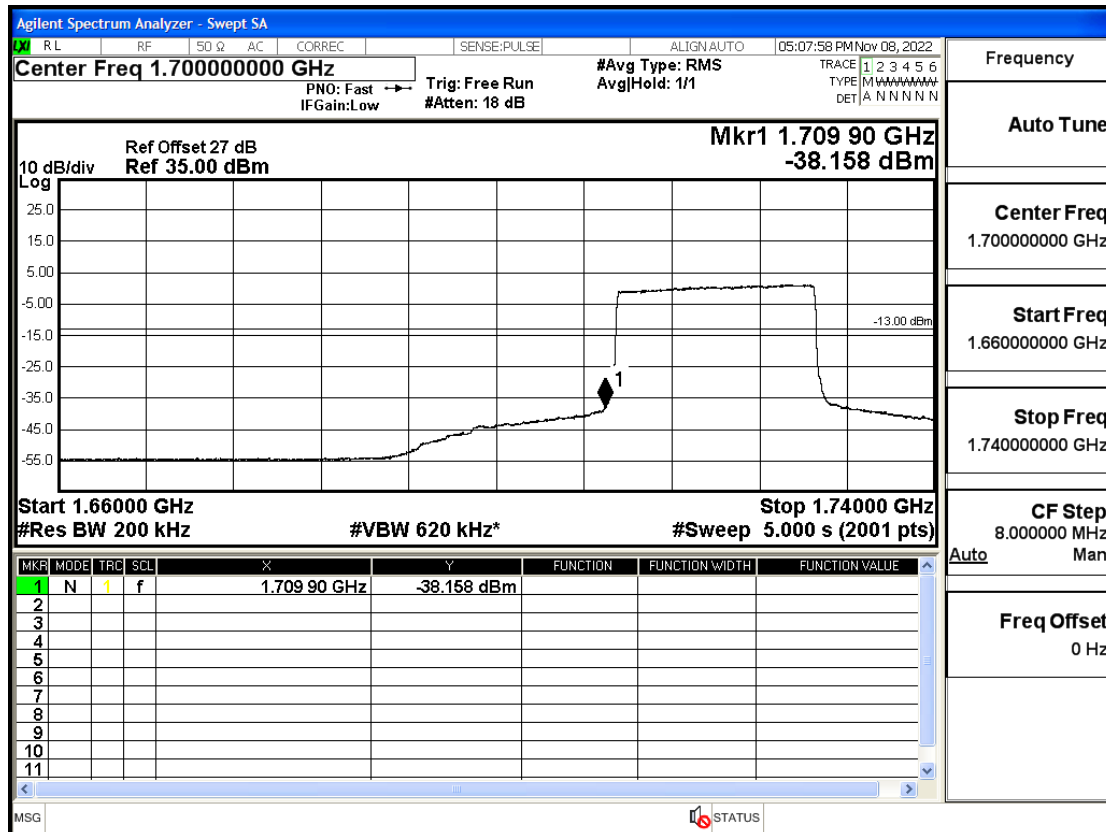
Band4-20-1720-QPSK-100#LOW@Pass



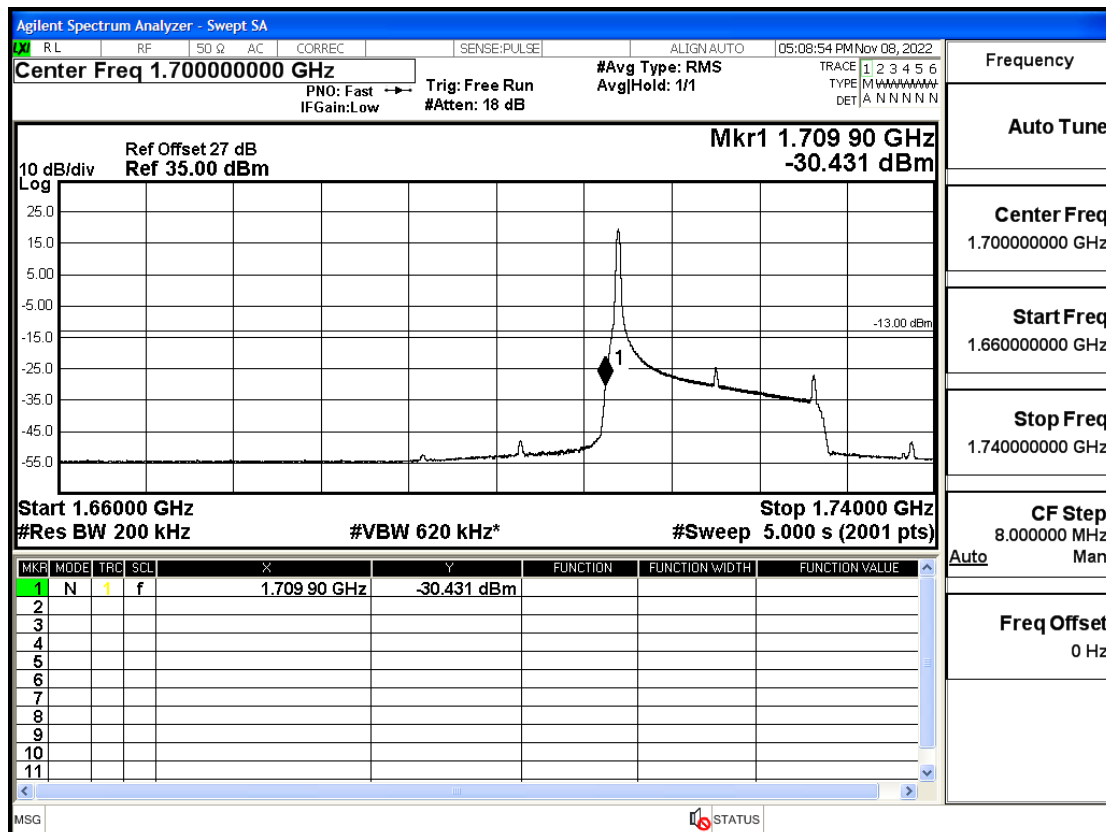
Band4-20-1720-QPSK-1#LOW@Pass



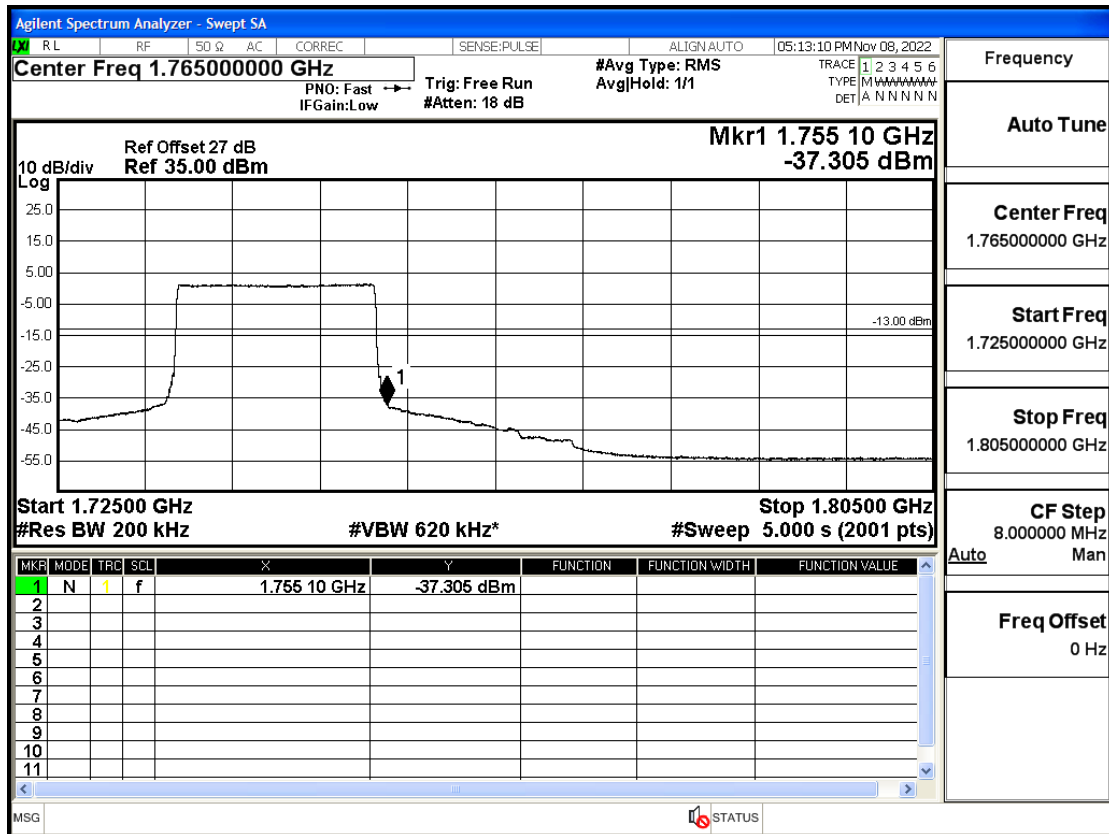
Band4-20-1720-16QAM-100#LOW@Pass



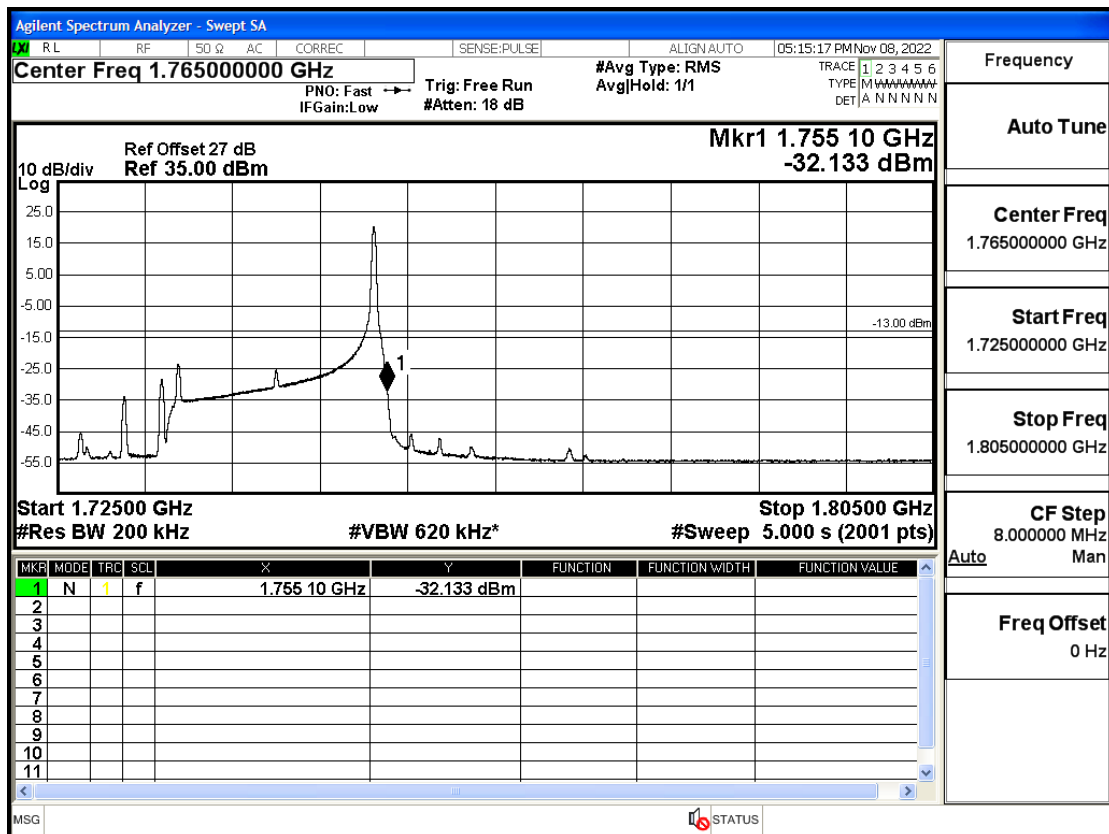
Band4-20-1720-16QAM-1#LOW@Pass



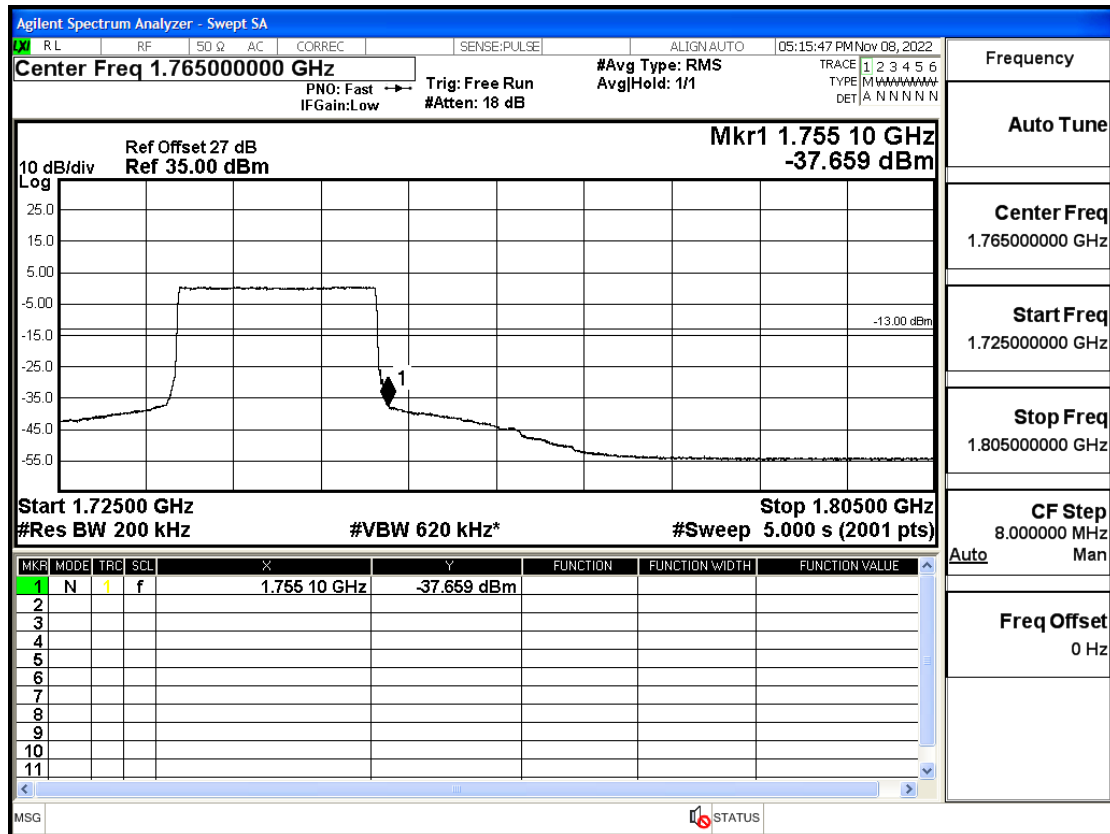
Band4-20-1745-QPSK-100#LOW@Pass



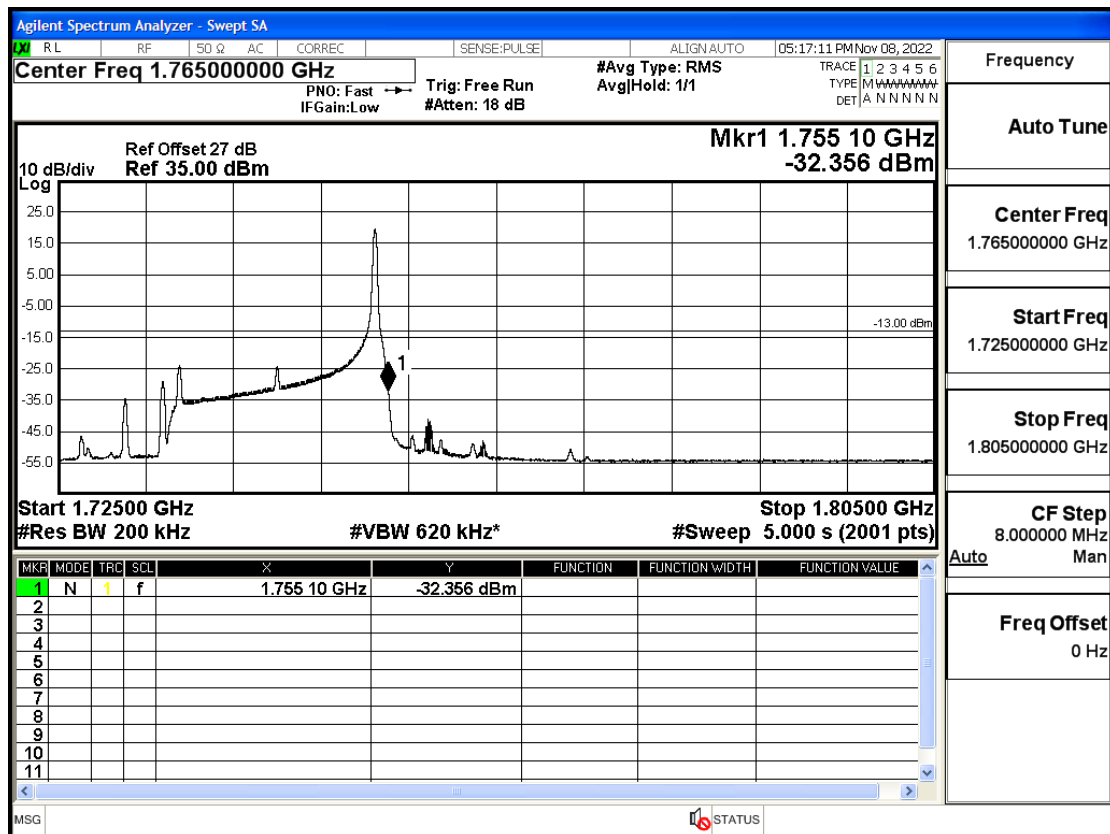
Band4-20-1745-QPSK-1#HIGH@Pass



Band4-20-1745-16QAM-100#LOW@Pass



Band4-20-1745-16QAM-1#HIGH@Pass



Conducted Spurious Emission

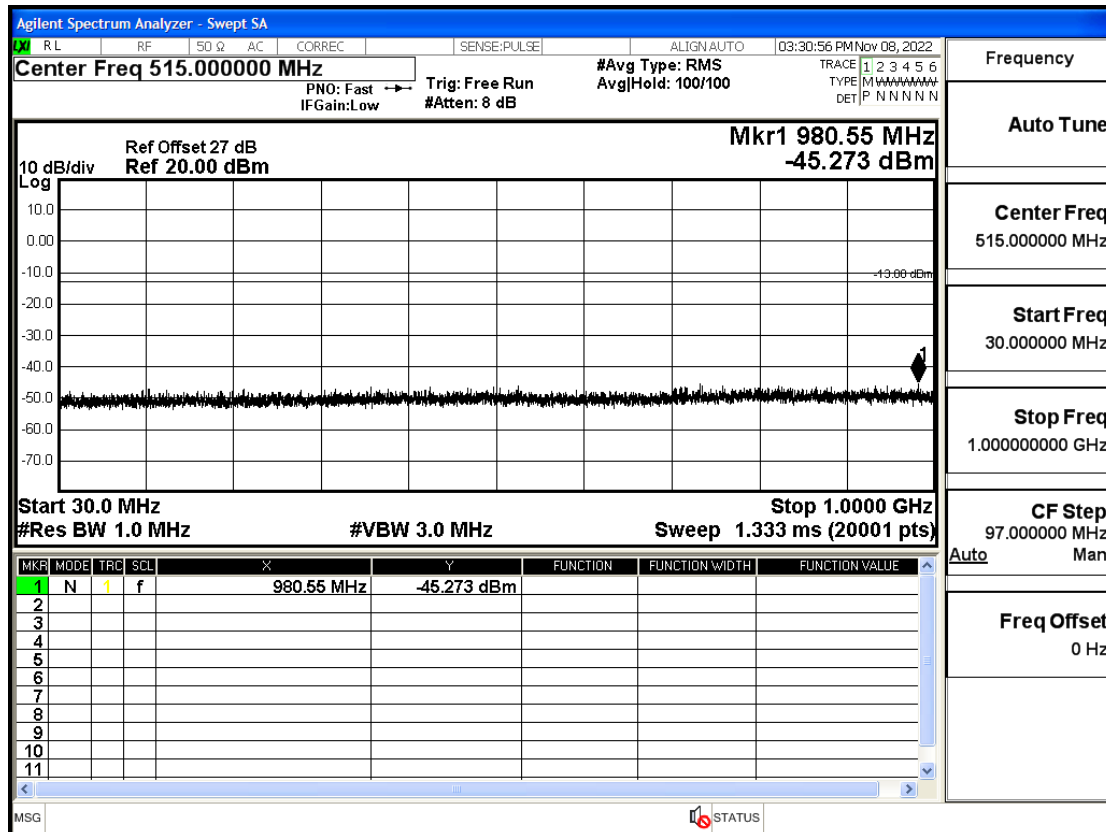
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB4	1.4	1710.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1710.7	QPSK	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1710.7	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1710.7	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1732.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1732.5	QPSK	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1732.5	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1732.5	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1754.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1754.3	QPSK	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1754.3	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1754.3	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB4	3	1711.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB4	3	1711.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB4	3	1711.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1711.5	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB4	3	1732.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB4	3	1732.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB4	3	1732.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1732.5	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB4	3	1753.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB4	3	1753.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB4	3	1753.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1753.5	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB4	5	1712.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB4	5	1712.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB4	5	1712.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1712.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB4	5	1732.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB4	5	1732.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB4	5	1732.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1732.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB4	5	1752.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB4	5	1752.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB4	5	1752.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1752.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB4	10	1715	QPSK	50	LOW	30mHz-1GHz	Pass
OB4	10	1715	QPSK	50	LOW	1GHz-7GHz	Pass
OB4	10	1715	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB4	10	1715	QPSK	50	LOW	13.6GHz-20GHz	Pass

OB4	10	1732.5	QPSK	50	LOW	30mHz-1GHz	Pass
OB4	10	1732.5	QPSK	50	LOW	1GHz-7GHz	Pass
OB4	10	1732.5	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB4	10	1732.5	QPSK	50	LOW	13.6GHz-20GHz	Pass
OB4	10	1750	QPSK	50	LOW	30mHz-1GHz	Pass
OB4	10	1750	QPSK	50	LOW	1GHz-7GHz	Pass
OB4	10	1750	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB4	10	1750	QPSK	50	LOW	13.6GHz-20GHz	Pass
OB4	15	1717.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB4	15	1717.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB4	15	1717.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB4	15	1717.5	QPSK	75	LOW	13.6GHz-20GHz	Pass
OB4	15	1732.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB4	15	1732.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB4	15	1732.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB4	15	1732.5	QPSK	75	LOW	13.6GHz-20GHz	Pass
OB4	15	1747.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB4	15	1747.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB4	15	1747.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB4	15	1747.5	QPSK	75	LOW	13.6GHz-20GHz	Pass
OB4	20	1720	QPSK	100	LOW	30mHz-1GHz	Pass
OB4	20	1720	QPSK	100	LOW	1GHz-7GHz	Pass
OB4	20	1720	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB4	20	1720	QPSK	100	LOW	13.6GHz-20GHz	Pass
OB4	20	1732.5	QPSK	100	LOW	30mHz-1GHz	Pass
OB4	20	1732.5	QPSK	100	LOW	1GHz-7GHz	Pass
OB4	20	1732.5	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB4	20	1732.5	QPSK	100	LOW	13.6GHz-20GHz	Pass
OB4	20	1745	QPSK	100	LOW	30mHz-1GHz	Pass
OB4	20	1745	QPSK	100	LOW	1GHz-7GHz	Pass
OB4	20	1745	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB4	20	1745	QPSK	100	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1710.7	Q16	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1710.7	Q16	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1710.7	Q16	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1710.7	Q16	6	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1732.5	Q16	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1732.5	Q16	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1732.5	Q16	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1732.5	Q16	6	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1754.3	Q16	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1754.3	Q16	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1754.3	Q16	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1754.3	Q16	6	LOW	13.6GHz-20GHz	Pass
OB4	3	1711.5	Q16	15	LOW	30mHz-1GHz	Pass
OB4	3	1711.5	Q16	15	LOW	1GHz-7GHz	Pass

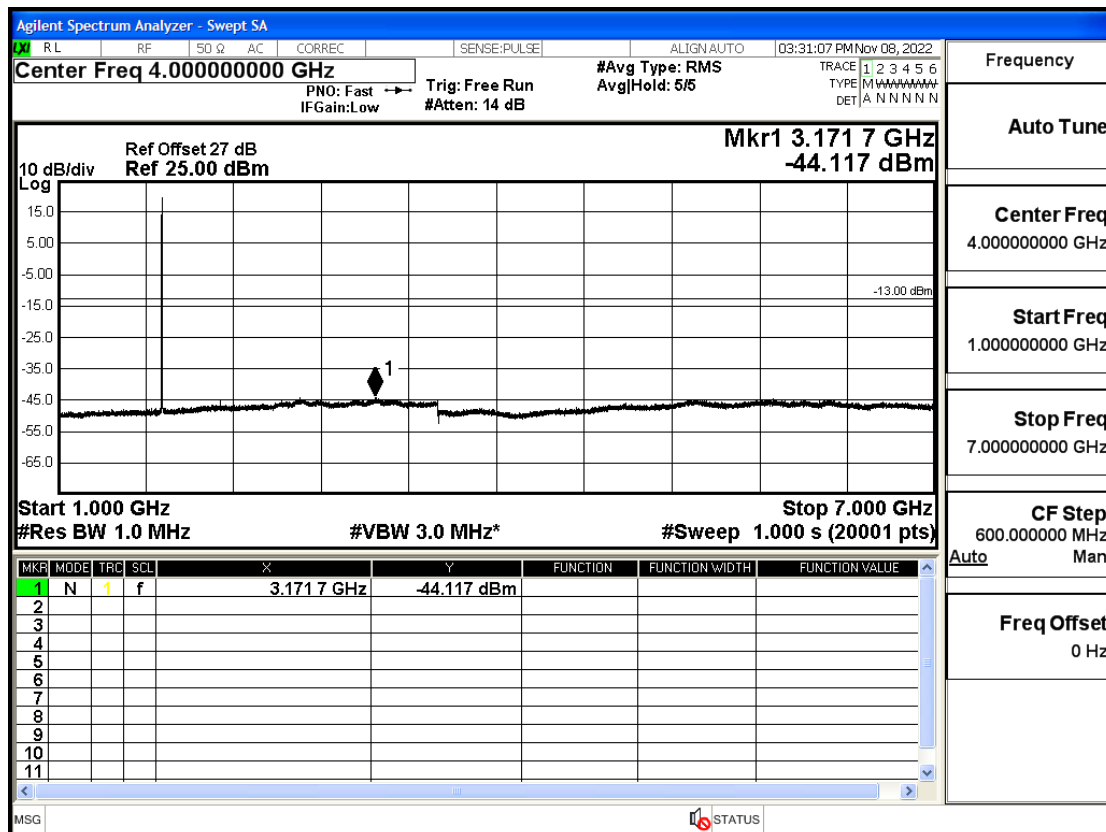
OB4	3	1711.5	Q16	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1711.5	Q16	15	LOW	13.6GHz-20GHz	Pass
OB4	3	1732.5	Q16	15	LOW	30mHz-1GHz	Pass
OB4	3	1732.5	Q16	15	LOW	1GHz-7GHz	Pass
OB4	3	1732.5	Q16	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1732.5	Q16	15	LOW	13.6GHz-20GHz	Pass
OB4	3	1753.5	Q16	15	LOW	30mHz-1GHz	Pass
OB4	3	1753.5	Q16	15	LOW	1GHz-7GHz	Pass
OB4	3	1753.5	Q16	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1753.5	Q16	15	LOW	13.6GHz-20GHz	Pass
OB4	5	1712.5	Q16	25	LOW	30mHz-1GHz	Pass
OB4	5	1712.5	Q16	25	LOW	1GHz-7GHz	Pass
OB4	5	1712.5	Q16	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1712.5	Q16	25	LOW	13.6GHz-20GHz	Pass
OB4	5	1732.5	Q16	25	LOW	30mHz-1GHz	Pass
OB4	5	1732.5	Q16	25	LOW	1GHz-7GHz	Pass
OB4	5	1732.5	Q16	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1732.5	Q16	25	LOW	13.6GHz-20GHz	Pass
OB4	5	1752.5	Q16	25	LOW	30mHz-1GHz	Pass
OB4	5	1752.5	Q16	25	LOW	1GHz-7GHz	Pass
OB4	5	1752.5	Q16	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1752.5	Q16	25	LOW	13.6GHz-20GHz	Pass
OB4	10	1715	Q16	50	LOW	30mHz-1GHz	Pass
OB4	10	1715	Q16	50	LOW	1GHz-7GHz	Pass
OB4	10	1715	Q16	50	LOW	7GHz-13.6GHz	Pass
OB4	10	1715	Q16	50	LOW	13.6GHz-20GHz	Pass
OB4	10	1732.5	Q16	50	LOW	30mHz-1GHz	Pass
OB4	10	1732.5	Q16	50	LOW	1GHz-7GHz	Pass
OB4	10	1732.5	Q16	50	LOW	7GHz-13.6GHz	Pass
OB4	10	1732.5	Q16	50	LOW	13.6GHz-20GHz	Pass
OB4	10	1750	Q16	50	LOW	30mHz-1GHz	Pass
OB4	10	1750	Q16	50	LOW	1GHz-7GHz	Pass
OB4	10	1750	Q16	50	LOW	7GHz-13.6GHz	Pass
OB4	10	1750	Q16	50	LOW	13.6GHz-20GHz	Pass
OB4	15	1717.5	Q16	75	LOW	30mHz-1GHz	Pass
OB4	15	1717.5	Q16	75	LOW	1GHz-7GHz	Pass
OB4	15	1717.5	Q16	75	LOW	7GHz-13.6GHz	Pass
OB4	15	1717.5	Q16	75	LOW	13.6GHz-20GHz	Pass
OB4	15	1732.5	Q16	75	LOW	30mHz-1GHz	Pass
OB4	15	1732.5	Q16	75	LOW	1GHz-7GHz	Pass
OB4	15	1732.5	Q16	75	LOW	7GHz-13.6GHz	Pass
OB4	15	1732.5	Q16	75	LOW	13.6GHz-20GHz	Pass
OB4	15	1747.5	Q16	75	LOW	30mHz-1GHz	Pass
OB4	15	1747.5	Q16	75	LOW	1GHz-7GHz	Pass
OB4	15	1747.5	Q16	75	LOW	7GHz-13.6GHz	Pass
OB4	15	1747.5	Q16	75	LOW	13.6GHz-20GHz	Pass

OB4	20	1720	Q16	100	LOW	30mHz-1GHz	Pass
OB4	20	1720	Q16	100	LOW	1GHz-7GHz	Pass
OB4	20	1720	Q16	100	LOW	7GHz-13.6GHz	Pass
OB4	20	1720	Q16	100	LOW	13.6GHz-20GHz	Pass
OB4	20	1732.5	Q16	100	LOW	30mHz-1GHz	Pass
OB4	20	1732.5	Q16	100	LOW	1GHz-7GHz	Pass
OB4	20	1732.5	Q16	100	LOW	7GHz-13.6GHz	Pass
OB4	20	1732.5	Q16	100	LOW	13.6GHz-20GHz	Pass
OB4	20	1745	Q16	100	LOW	30mHz-1GHz	Pass
OB4	20	1745	Q16	100	LOW	1GHz-7GHz	Pass
OB4	20	1745	Q16	100	LOW	7GHz-13.6GHz	Pass
OB4	20	1745	Q16	100	LOW	13.6GHz-20GHz	Pass

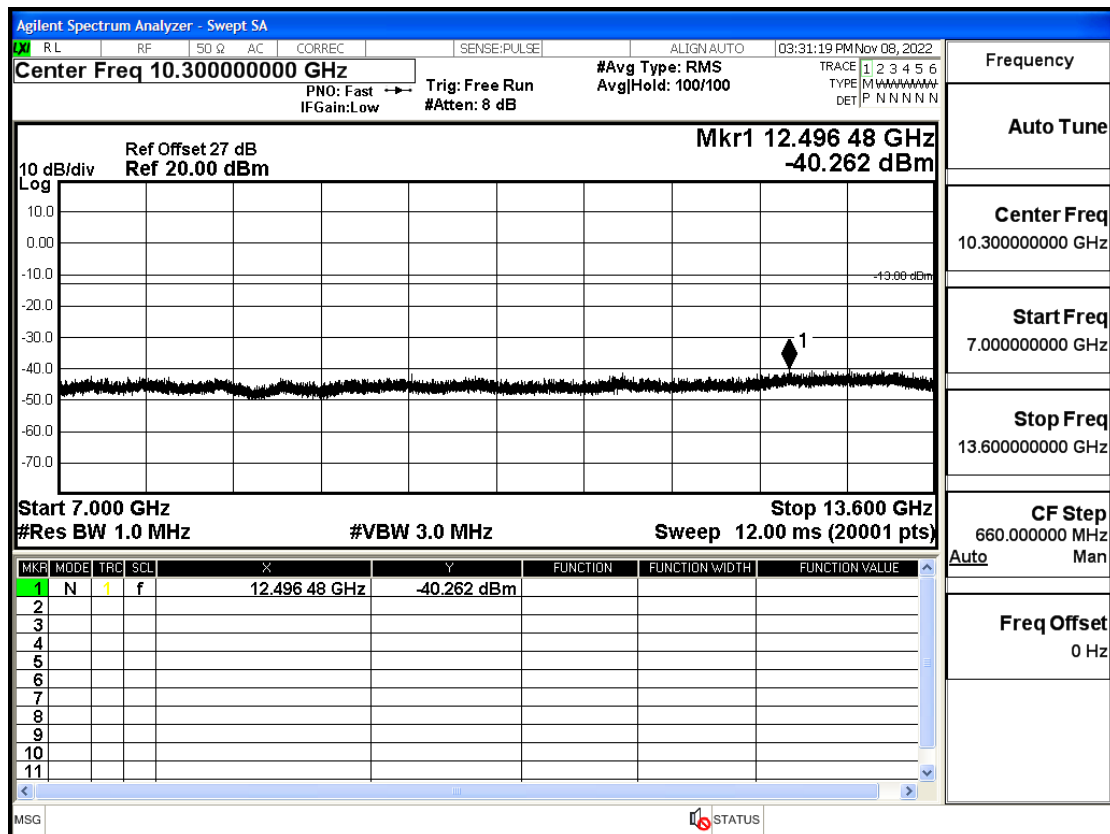
OB4-1.4-1710.7-QPSK-6#LOW@30mHz-1GHz@Pass



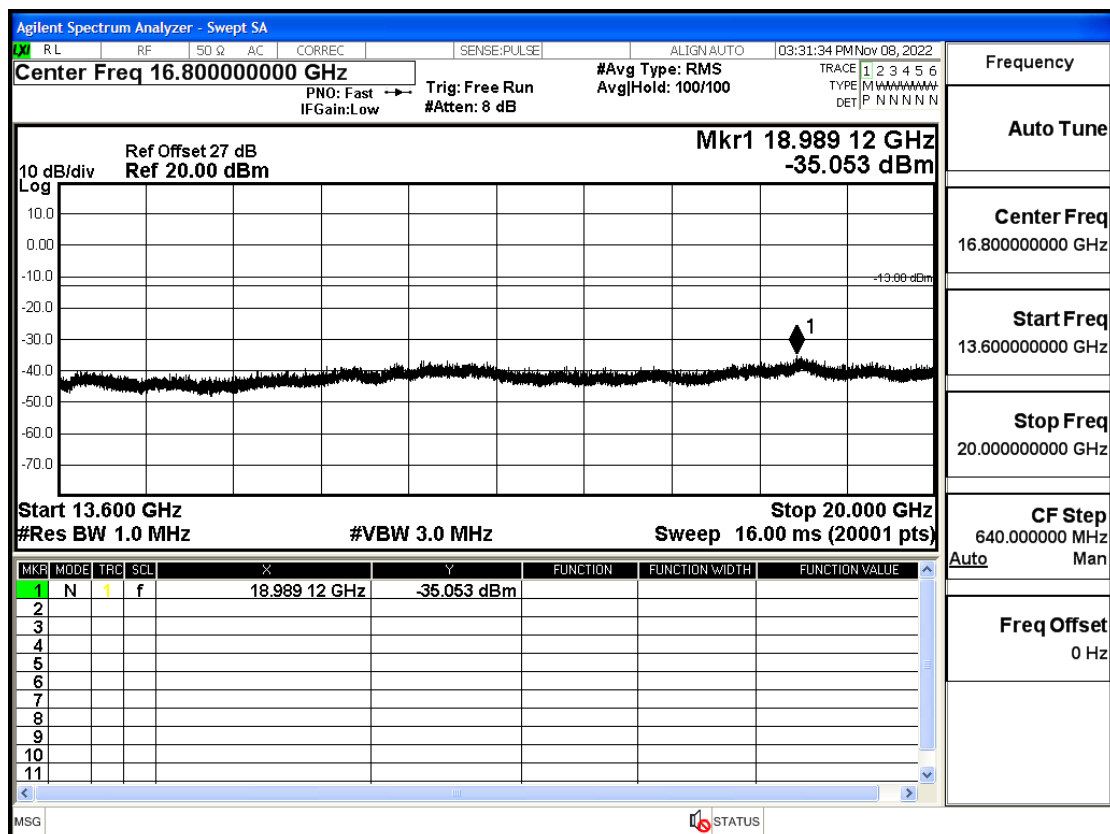
OB4-1.4-1710.7-QPSK-6#LOW@1GHz-7GHz@Pass



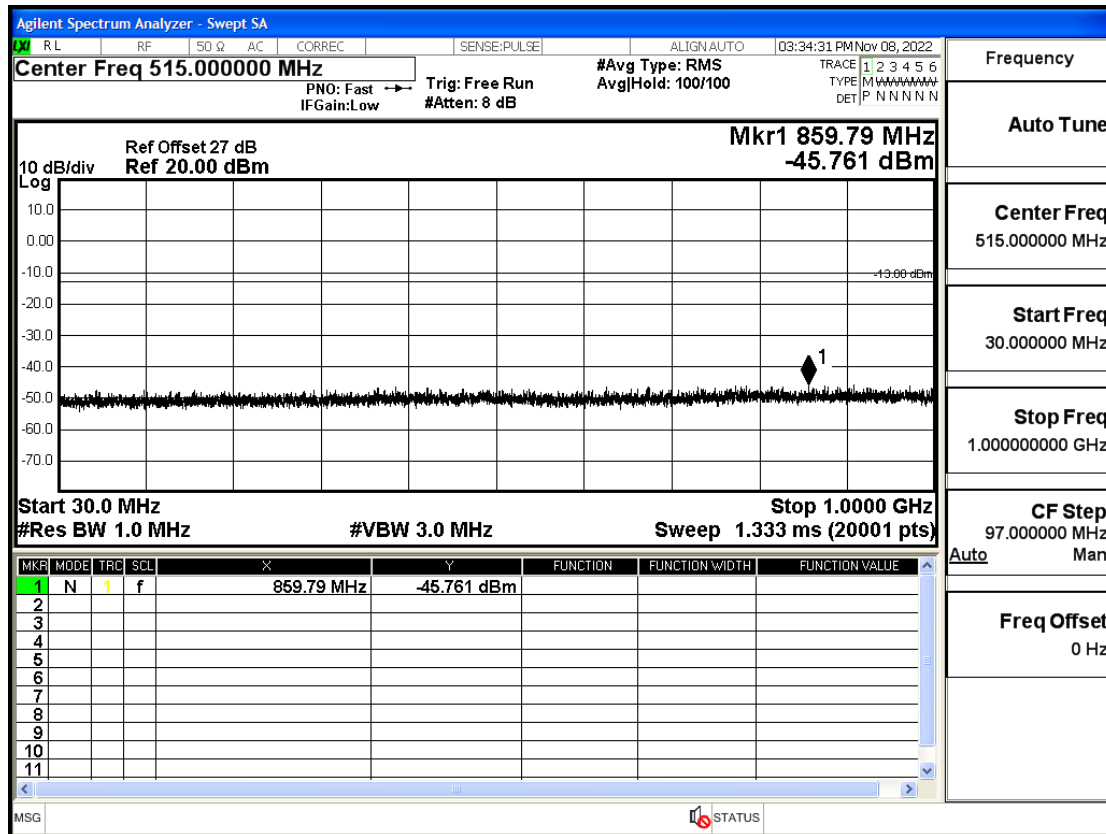
OB4-1.4-1710.7-QPSK-6#LOW@7GHz-13.6GHz@Pass



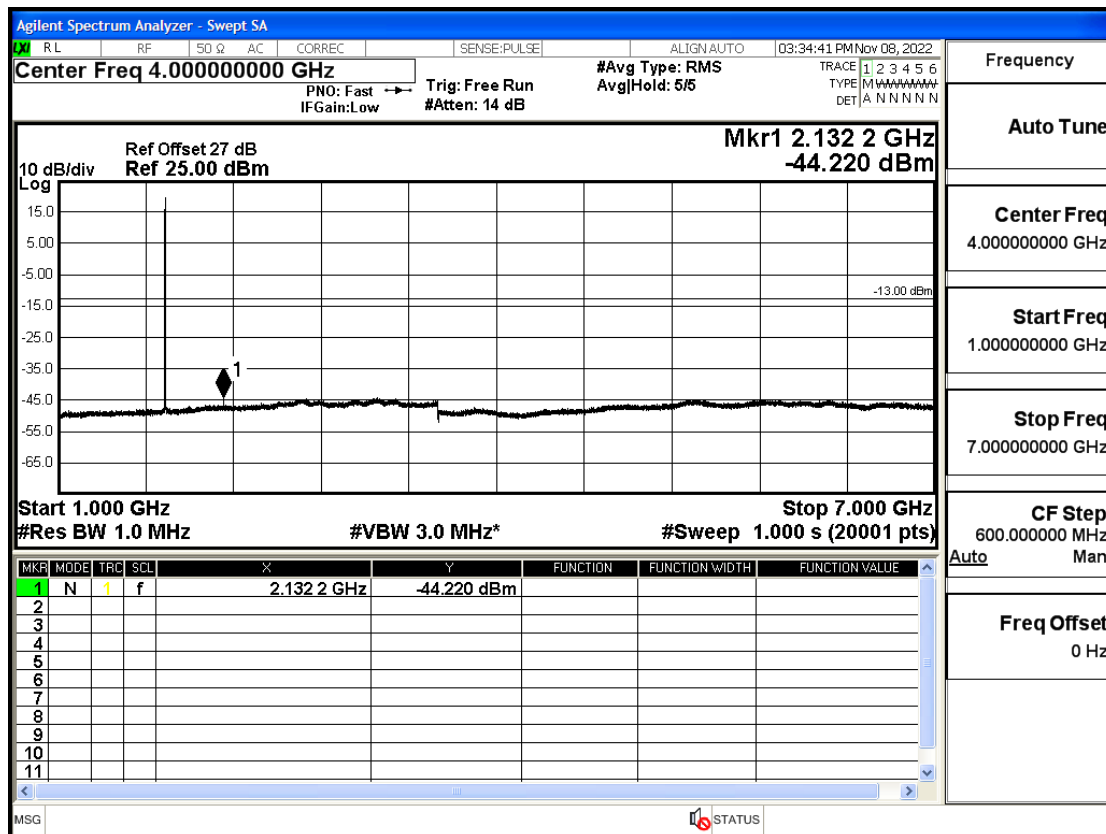
OB4-1.4-1710.7-QPSK-6#LOW@13.6GHz-20GHz@Pass



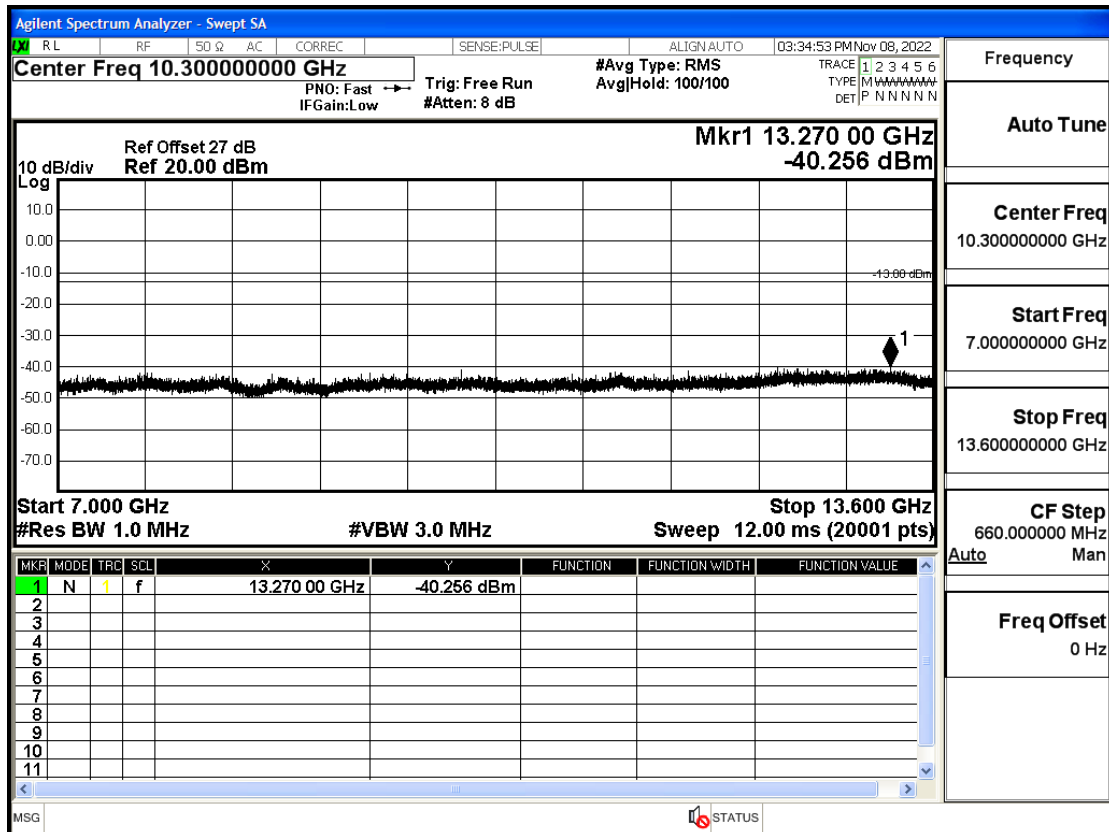
OB4-1.4-1732.5-QPSK-6#LOW@30mHz-1GHz@Pass



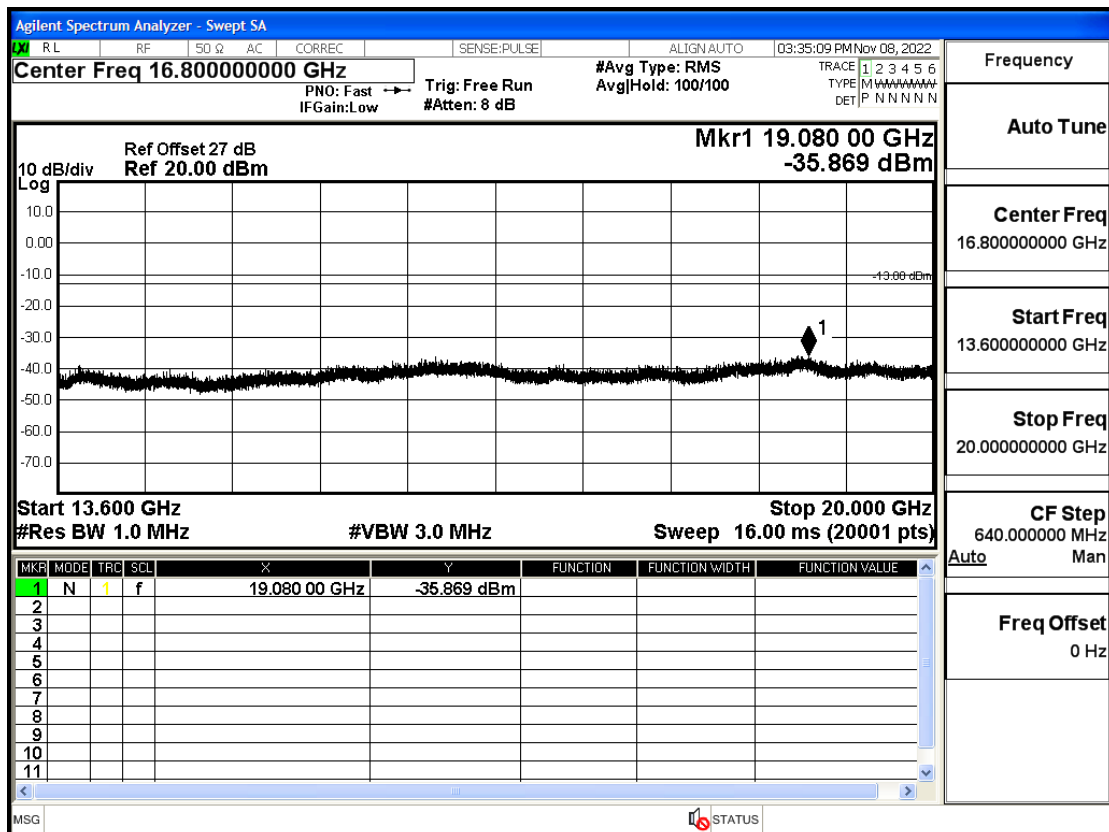
OB4-1.4-1732.5-QPSK-6#LOW@1GHz-7GHz@Pass



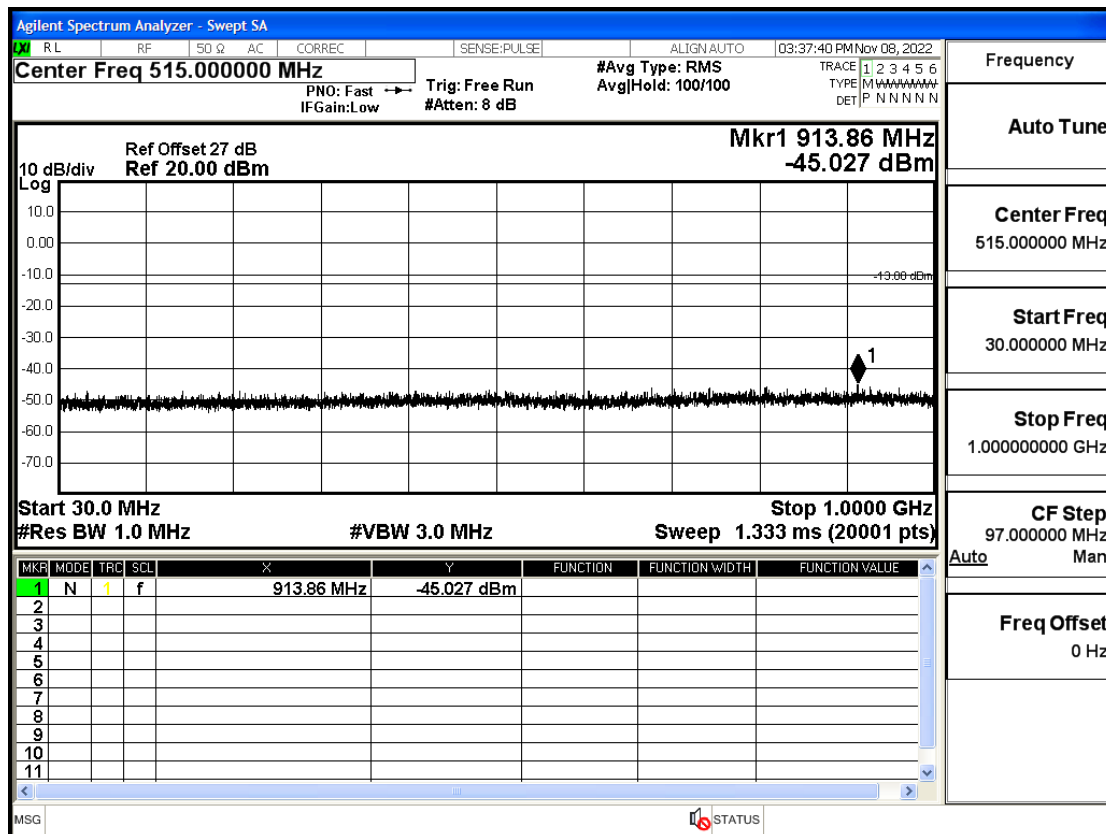
OB4-1.4-1732.5-QPSK-6#LOW@7GHz-13.6GHz@Pass



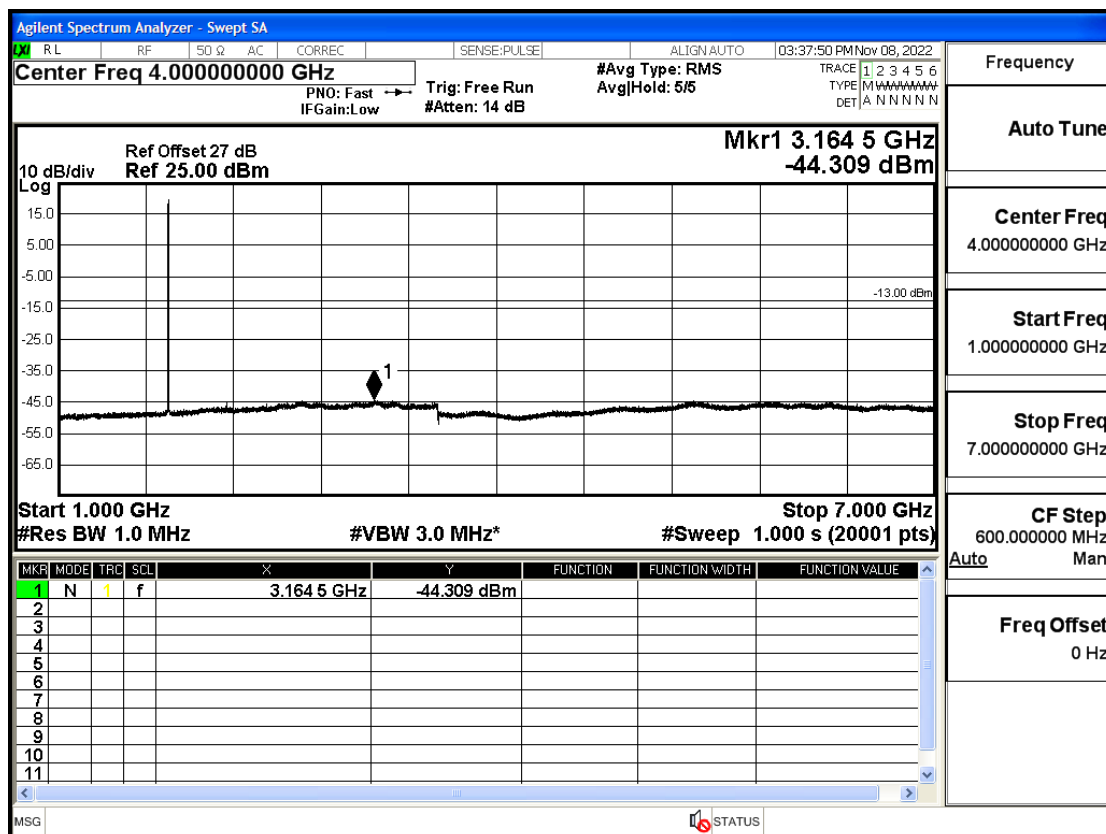
OB4-1.4-1732.5-QPSK-6#LOW@13.6GHz-20GHz@Pass



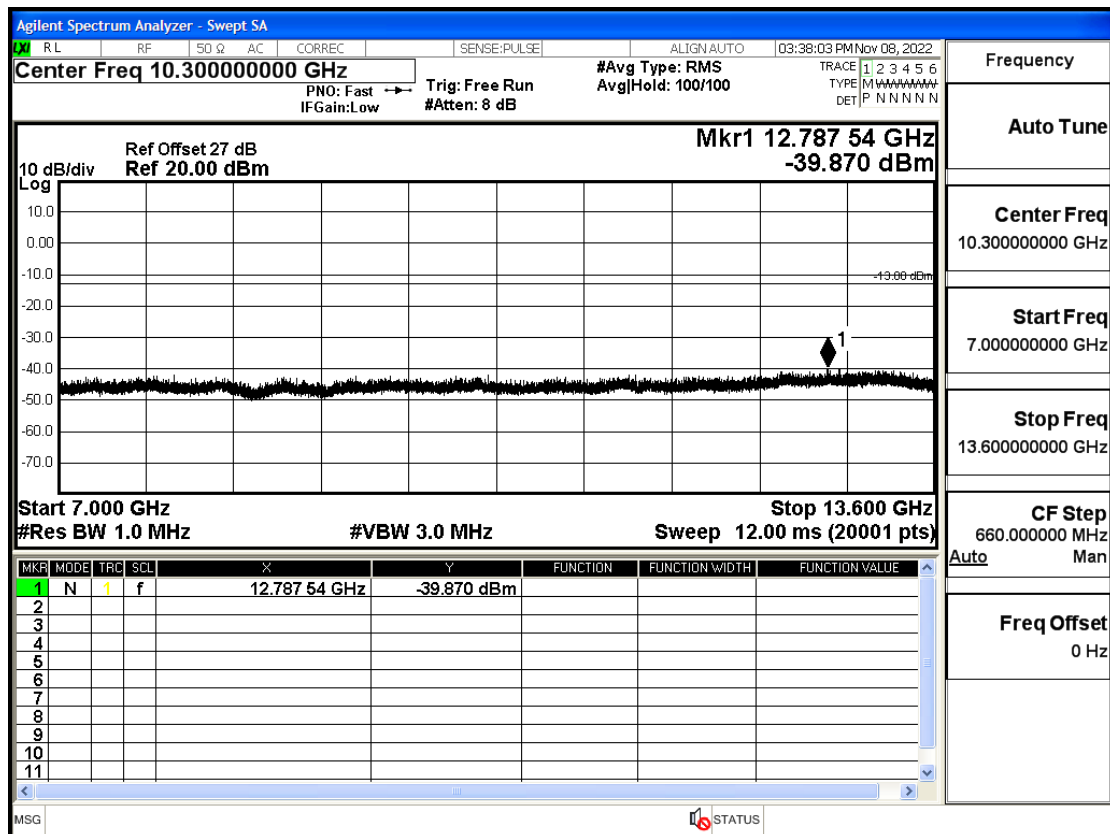
OB4-1.4-1754.3-QPSK-6#LOW@30mHz-1GHz@Pass



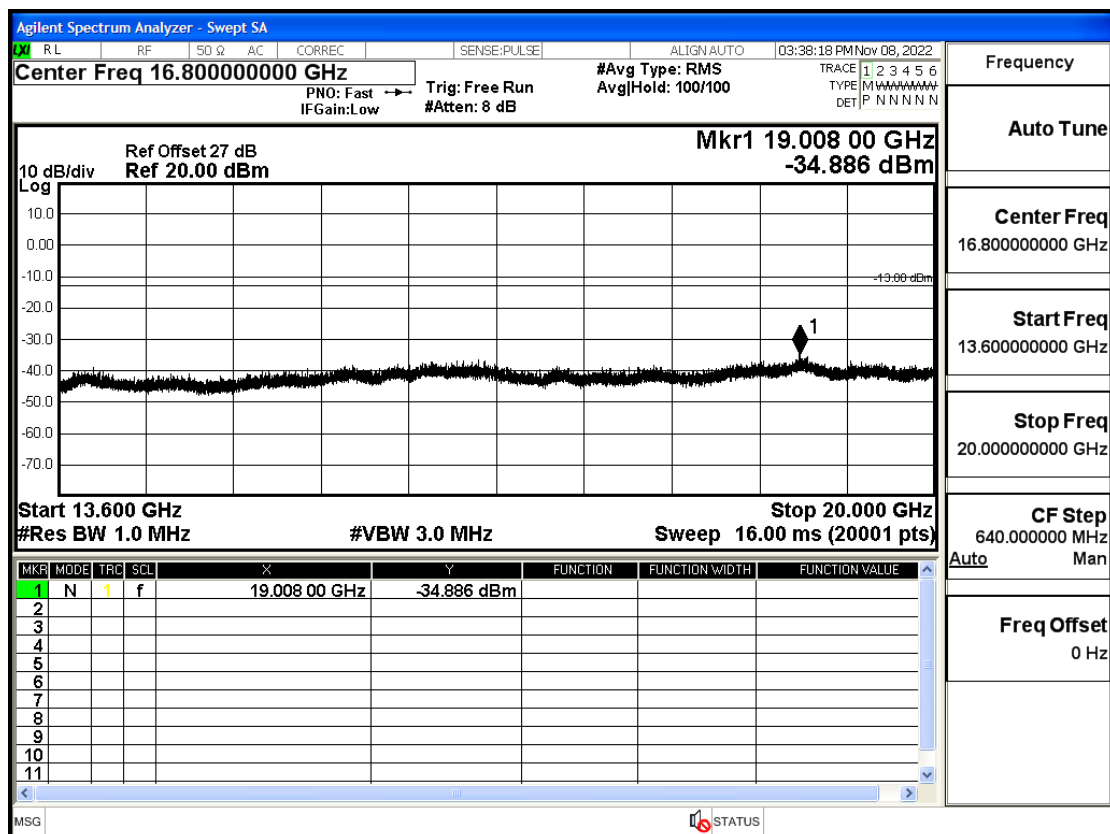
OB4-1.4-1754.3-QPSK-6#LOW@1GHz-7GHz@Pass



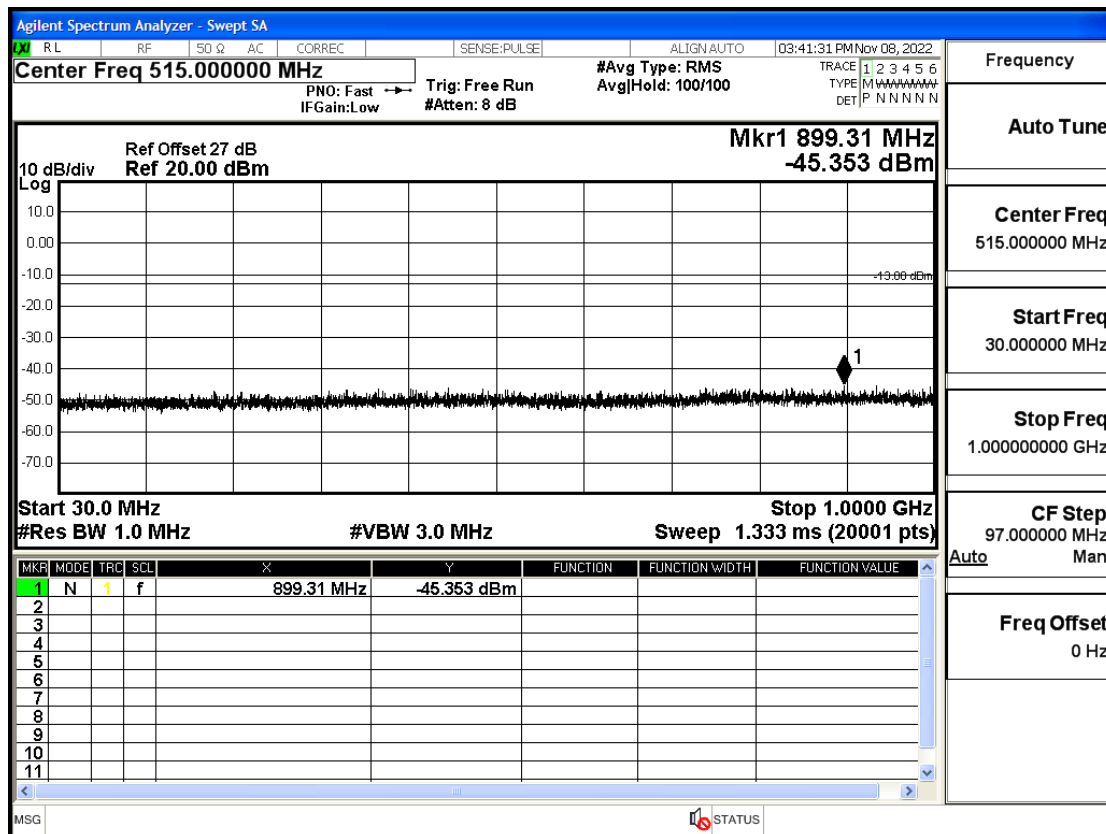
OB4-1.4-1754.3-QPSK-6#LOW@7GHz-13.6GHz@Pass



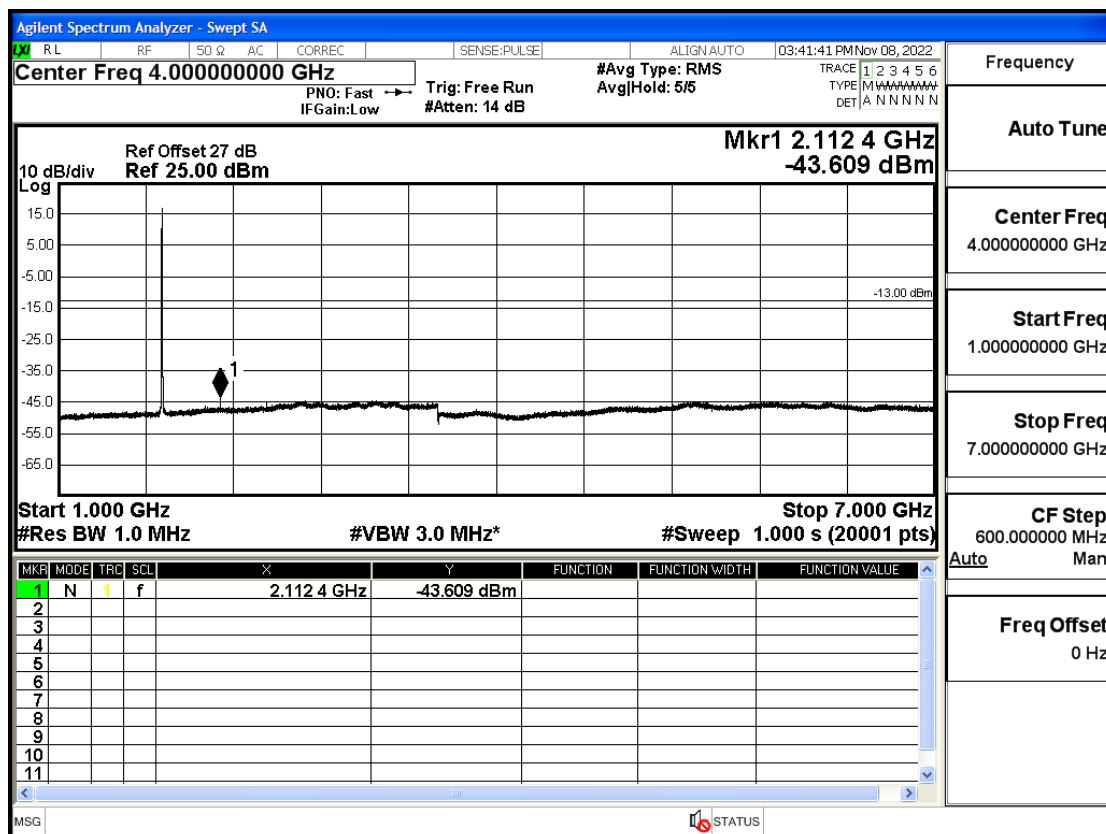
OB4-1.4-1754.3-QPSK-6#LOW@13.6GHz-20GHz@Pass



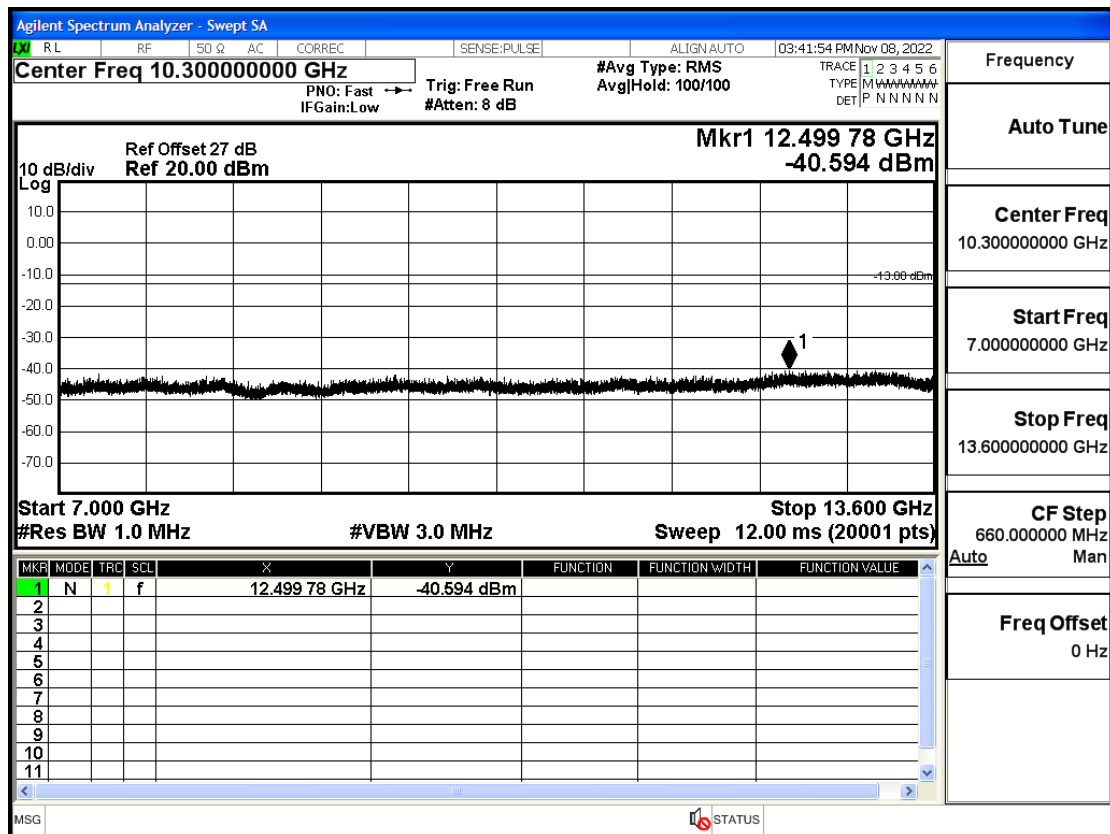
OB4-3-1711.5-QPSK-15#LOW@30mHz-1GHz@Pass



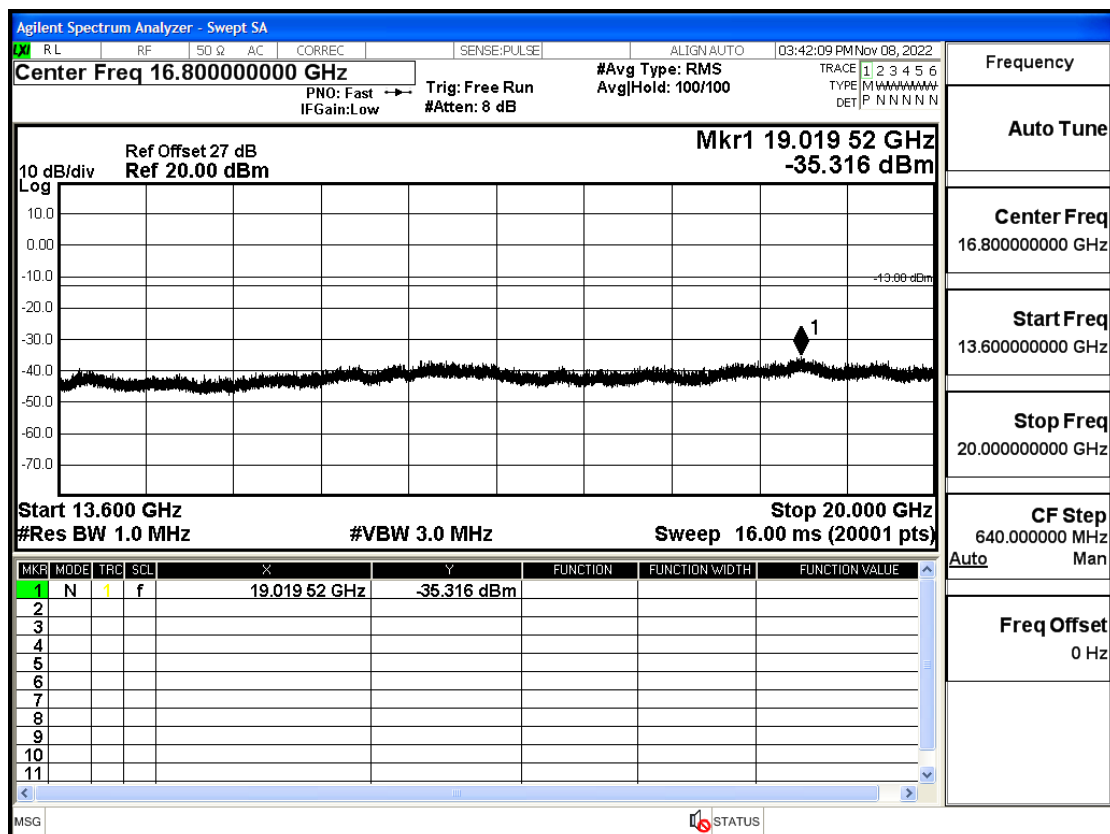
OB4-3-1711.5-QPSK-15#LOW@1GHz-7GHz@Pass



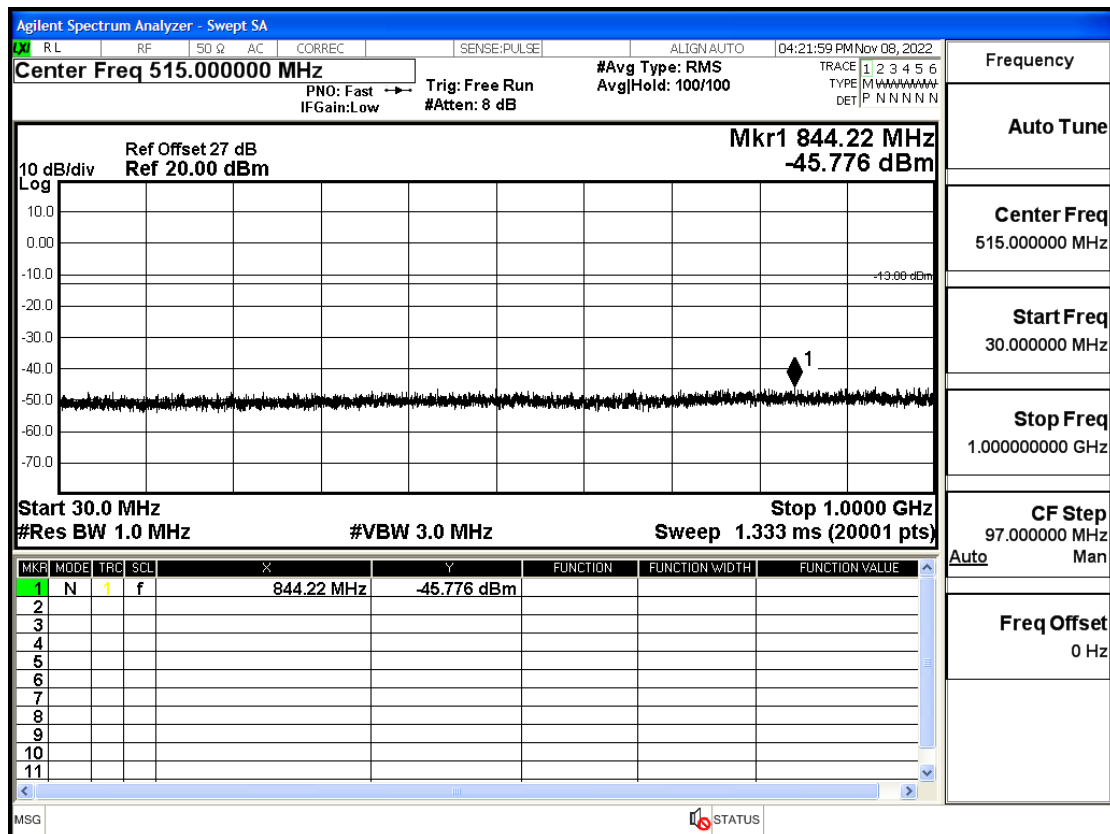
OB4-3-1711.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



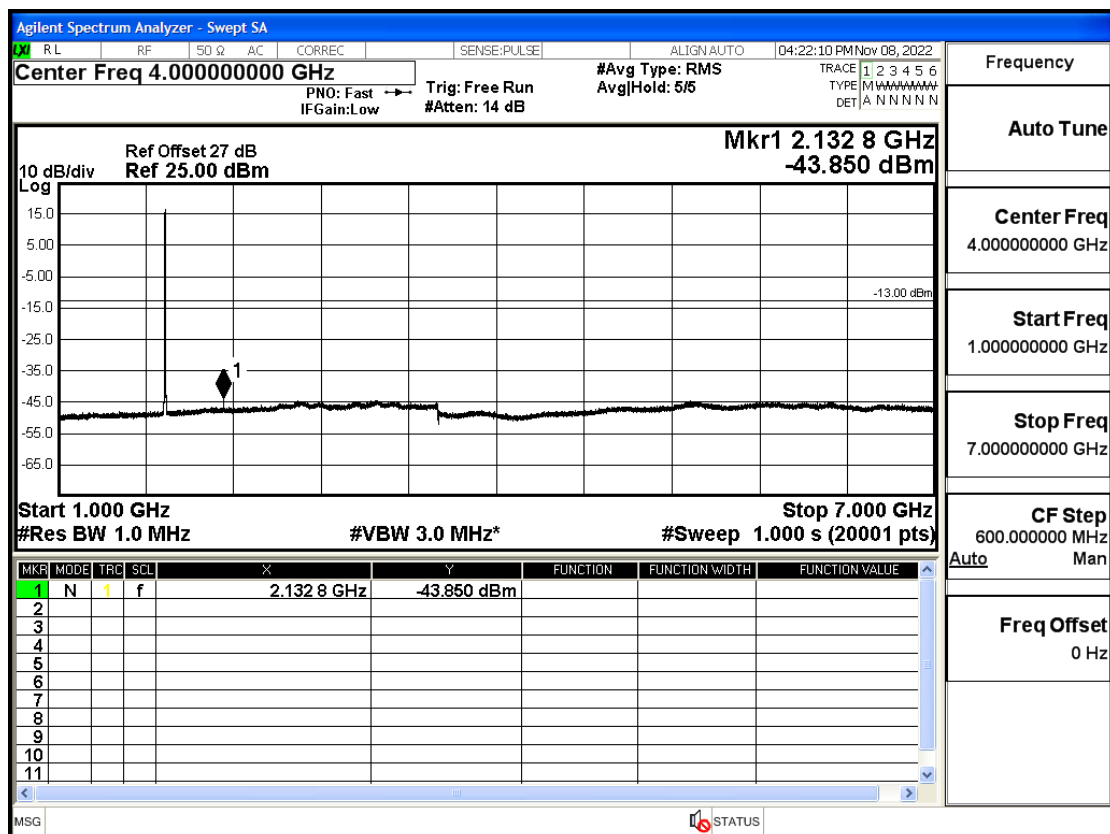
OB4-3-1711.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



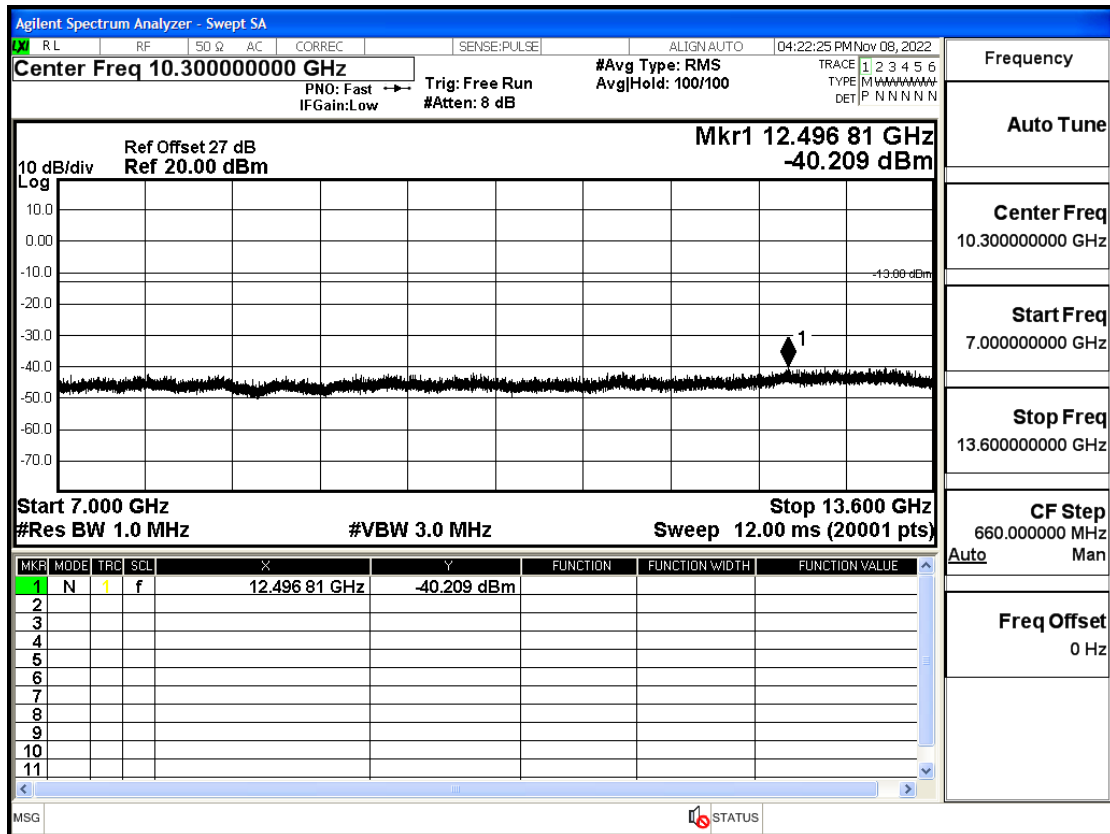
OB4-3-1732.5-QPSK-15#LOW@30mHz-1GHz@Pass



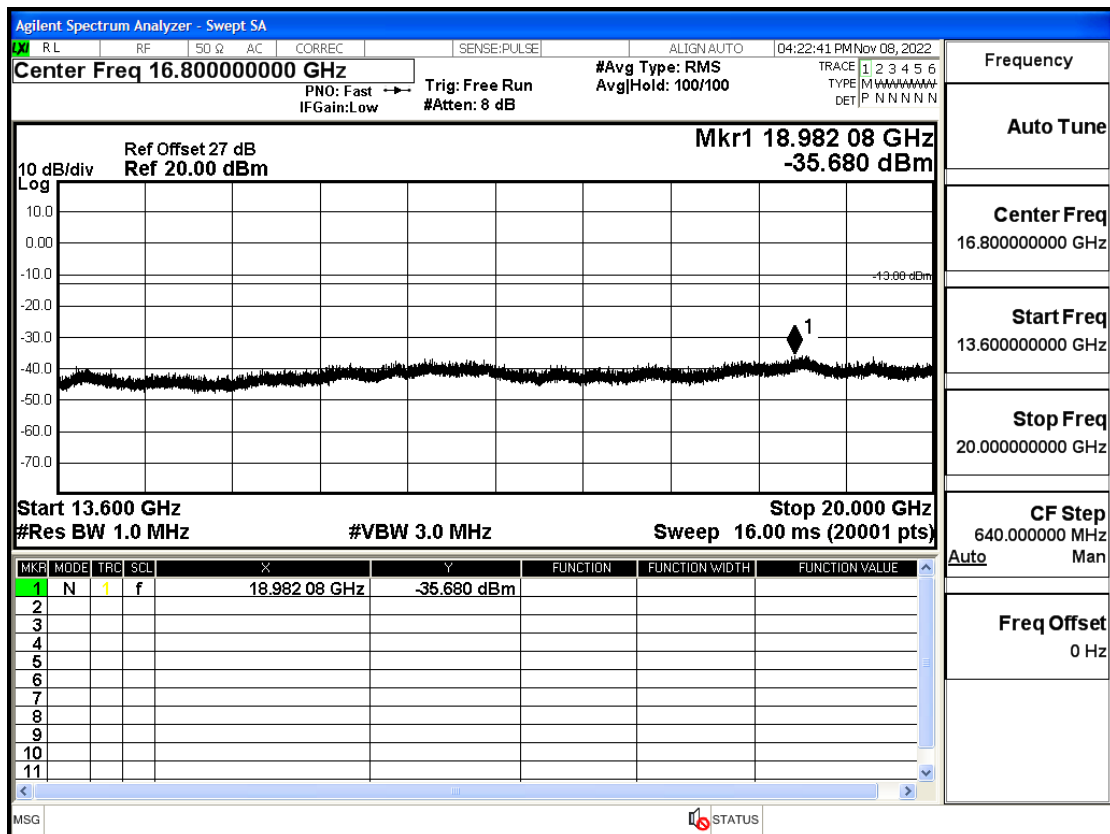
OB4-3-1732.5-QPSK-15#LOW@1GHz-7GHz@Pass



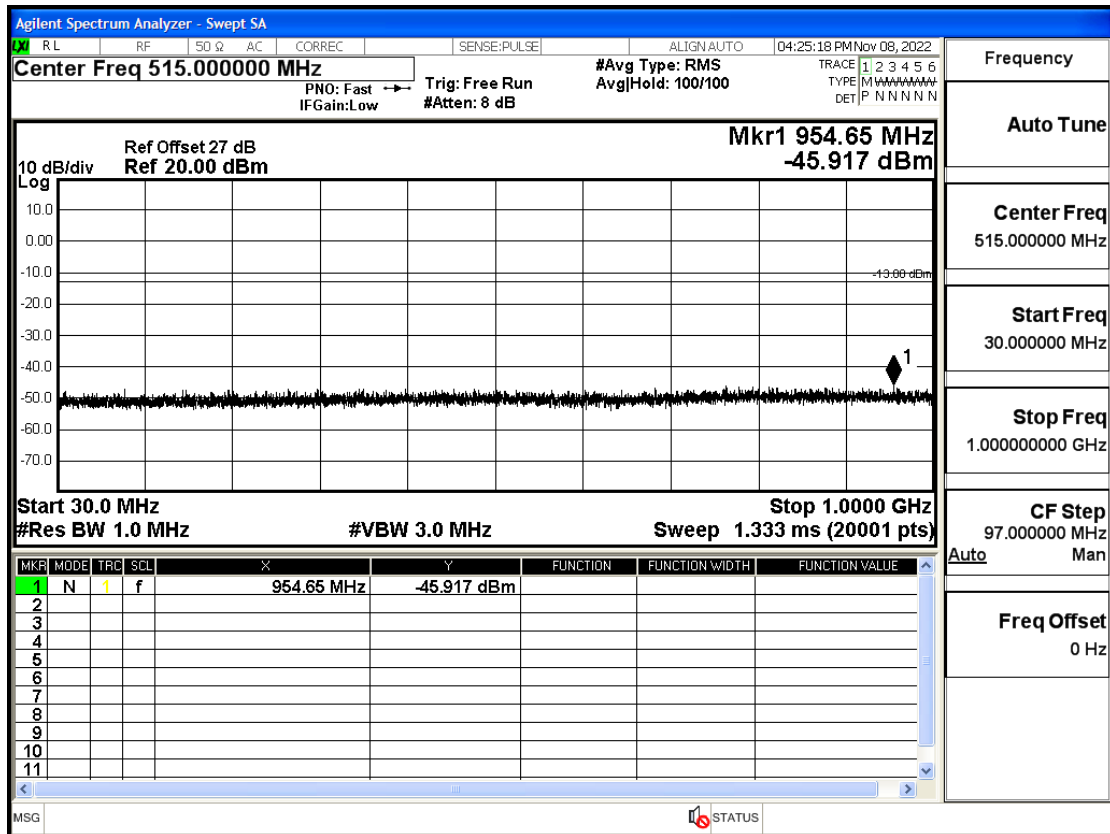
OB4-3-1732.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



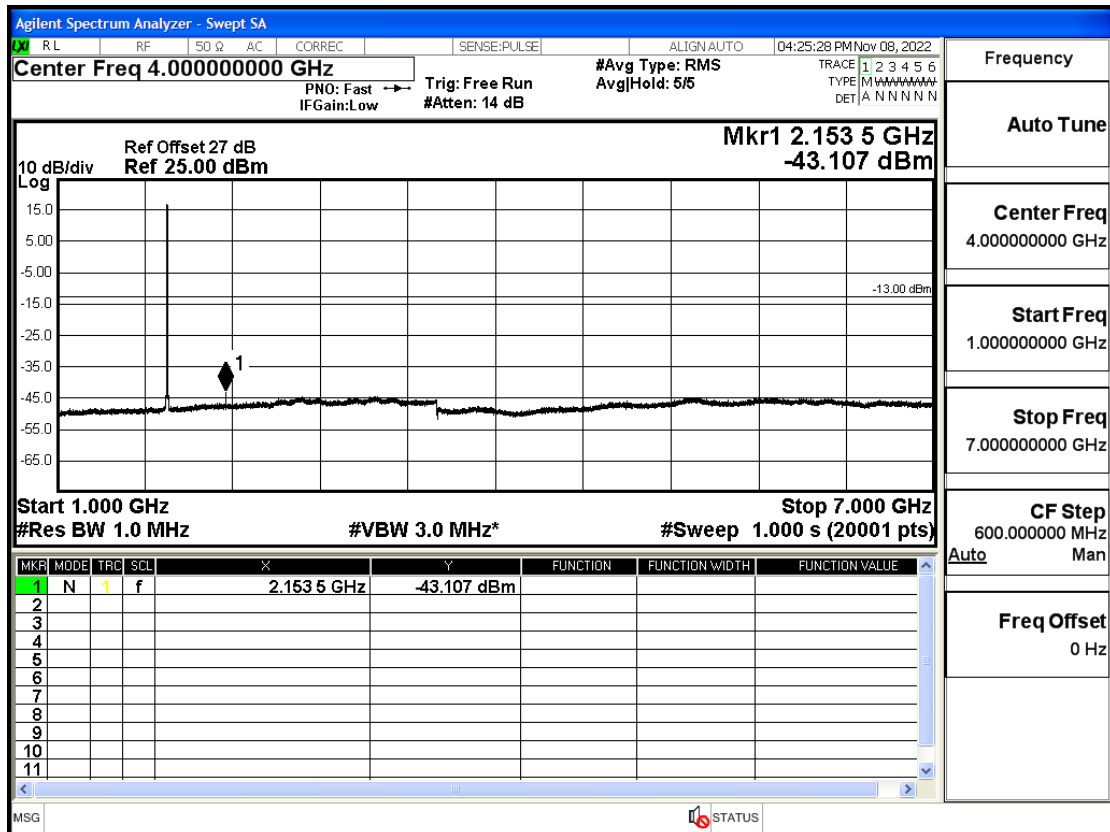
OB4-3-1732.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



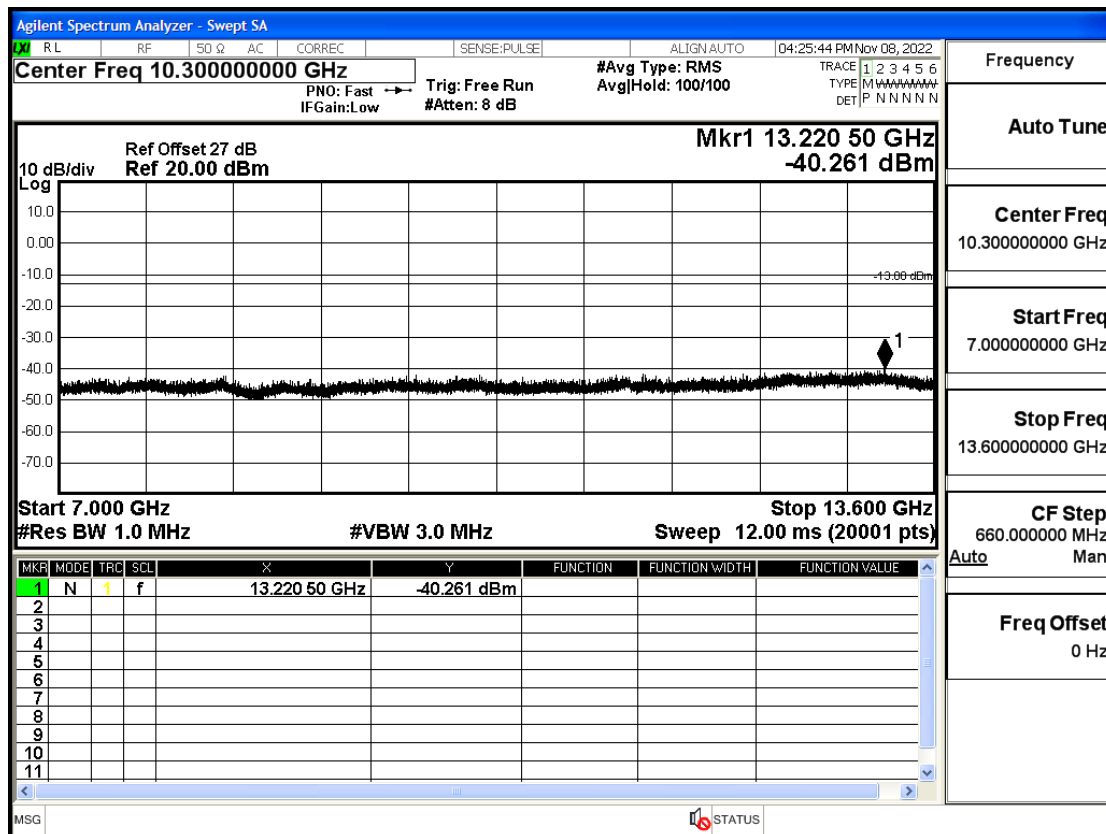
OB4-3-1753.5-QPSK-15#LOW@30mHz-1GHz@Pass



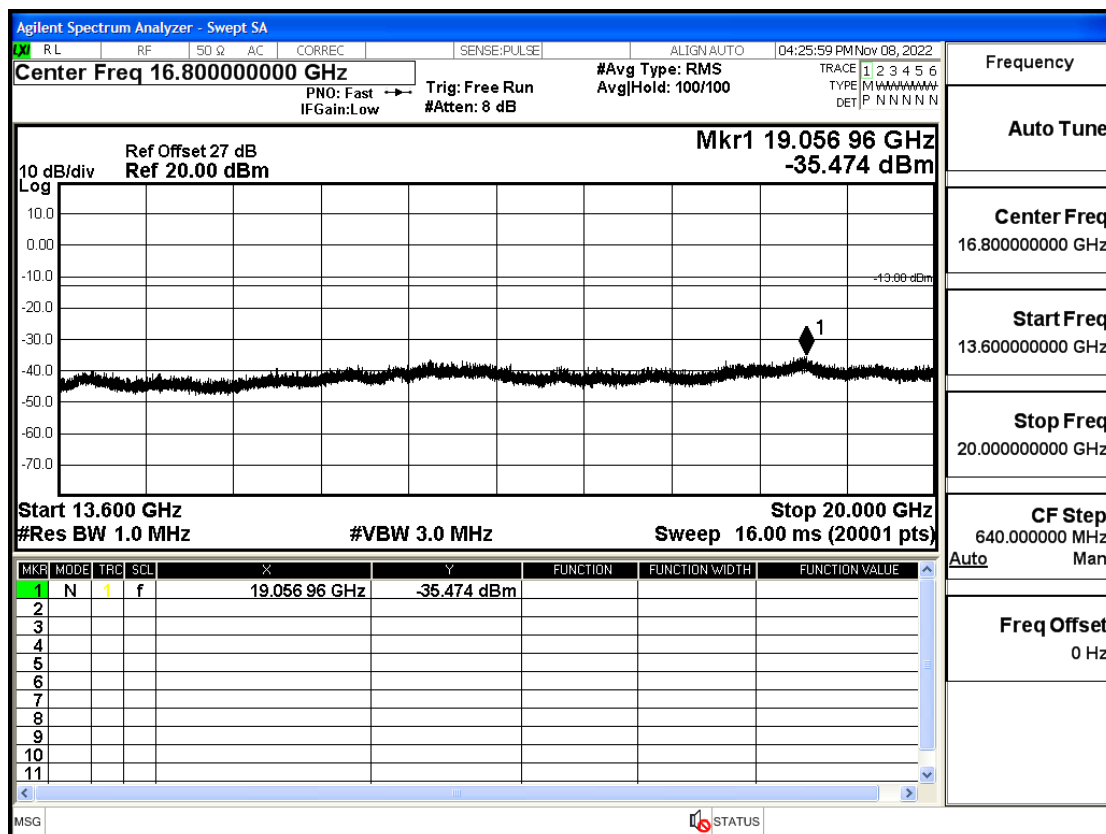
OB4-3-1753.5-QPSK-15#LOW@1GHz-7GHz@Pass



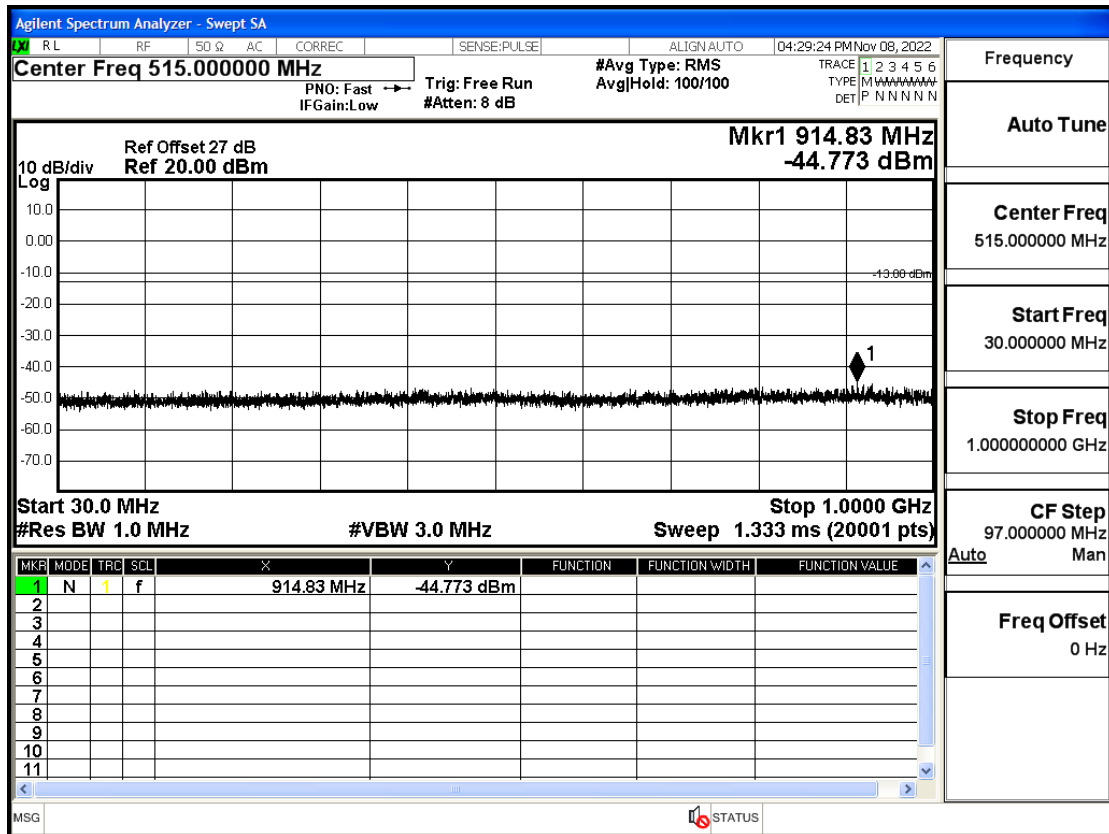
OB4-3-1753.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



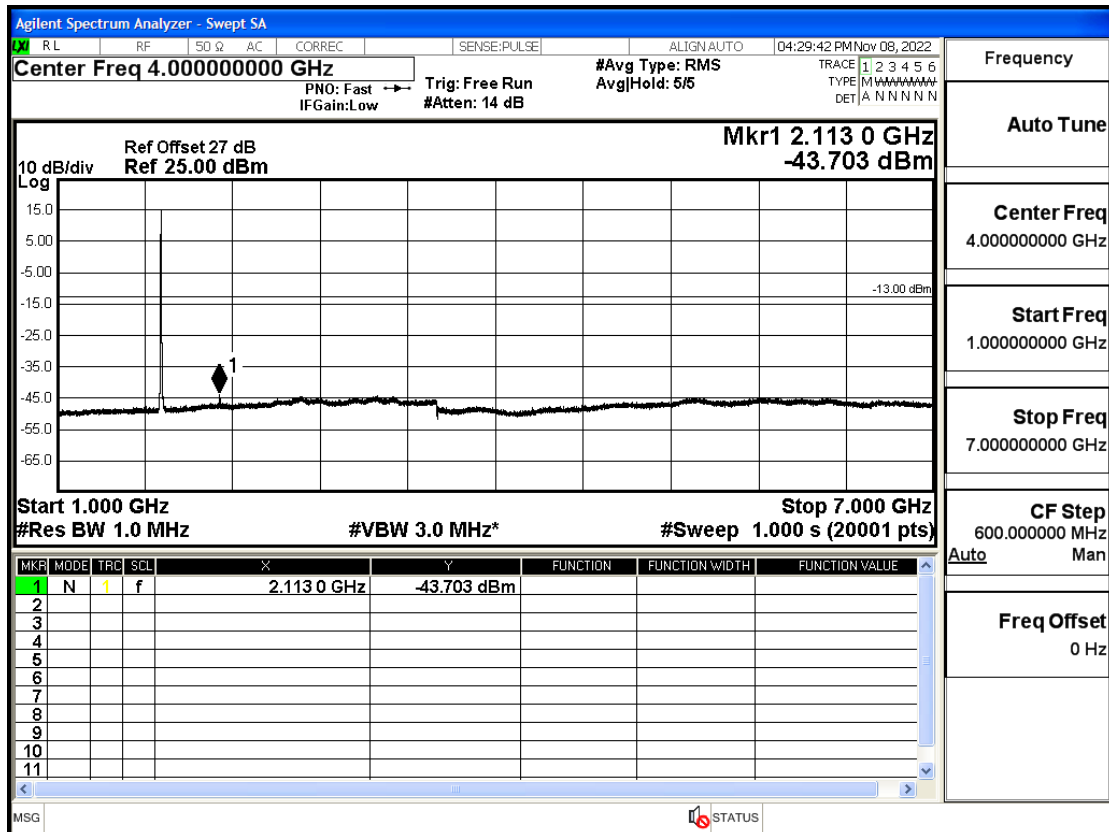
OB4-3-1753.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



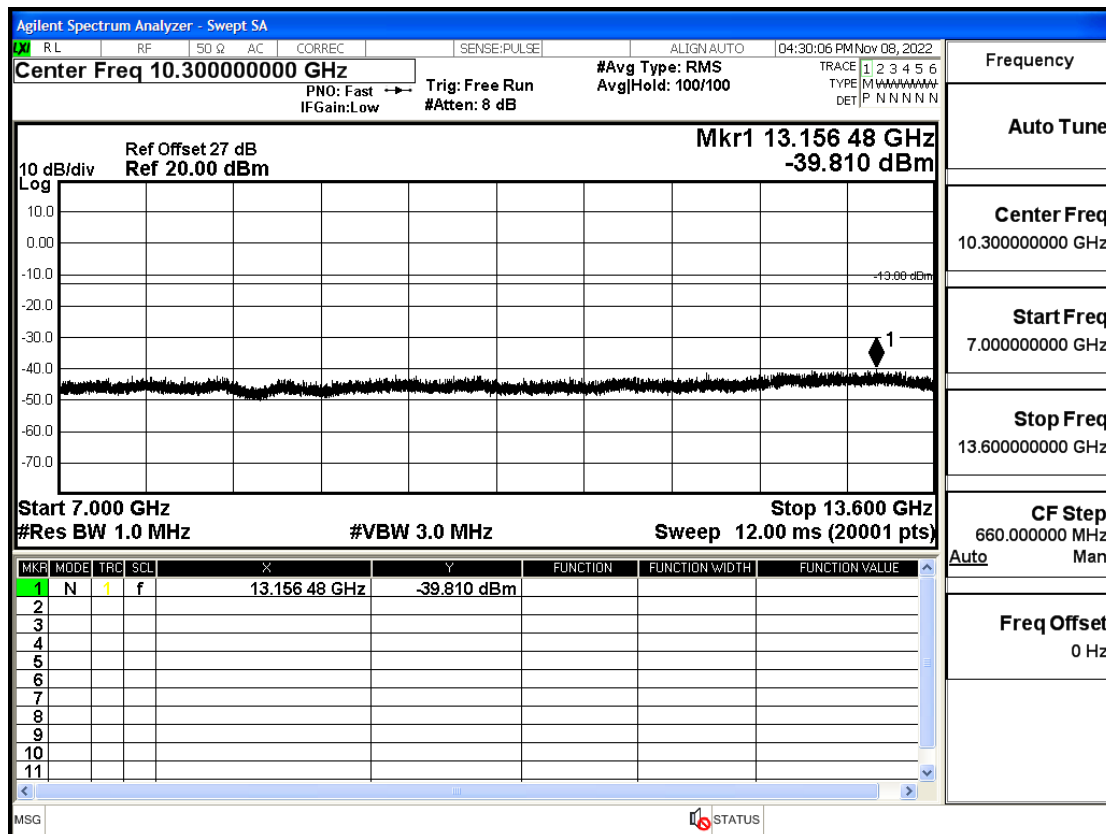
OB4-5-1712.5-QPSK-25#LOW@30mHz-1GHz@Pass



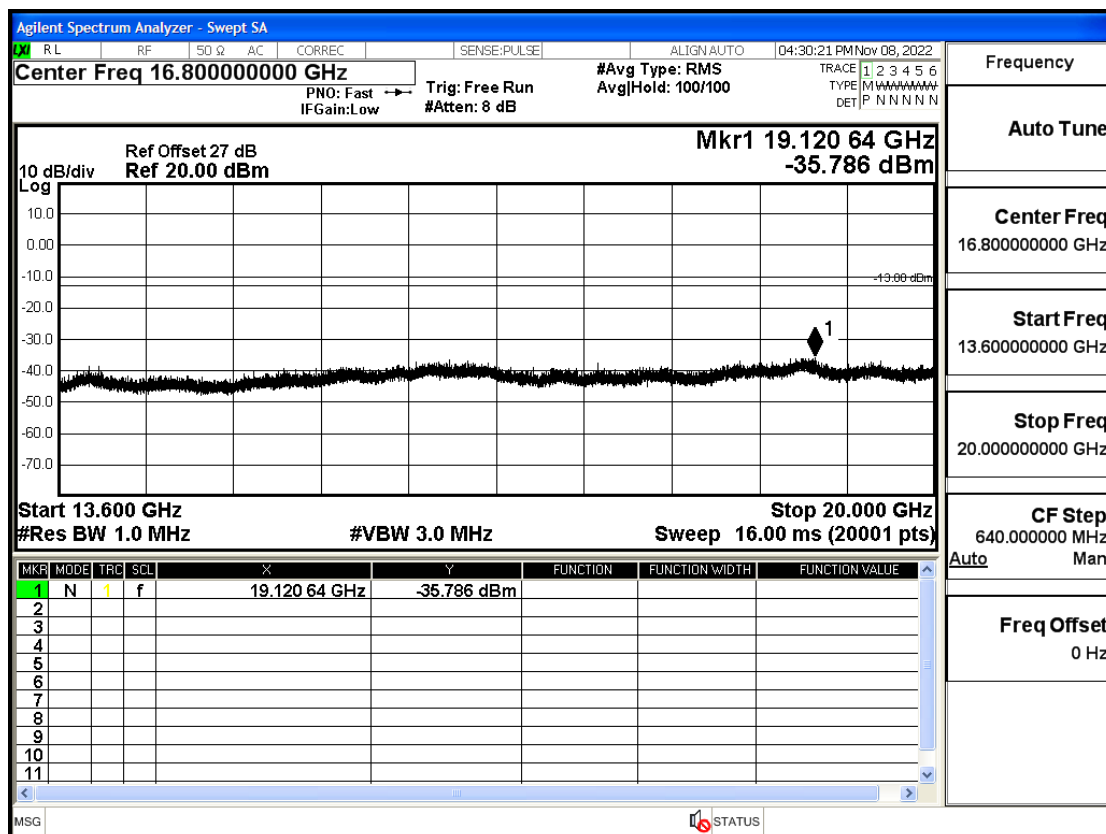
OB4-5-1712.5-QPSK-25#LOW@1GHz-7GHz@Pass



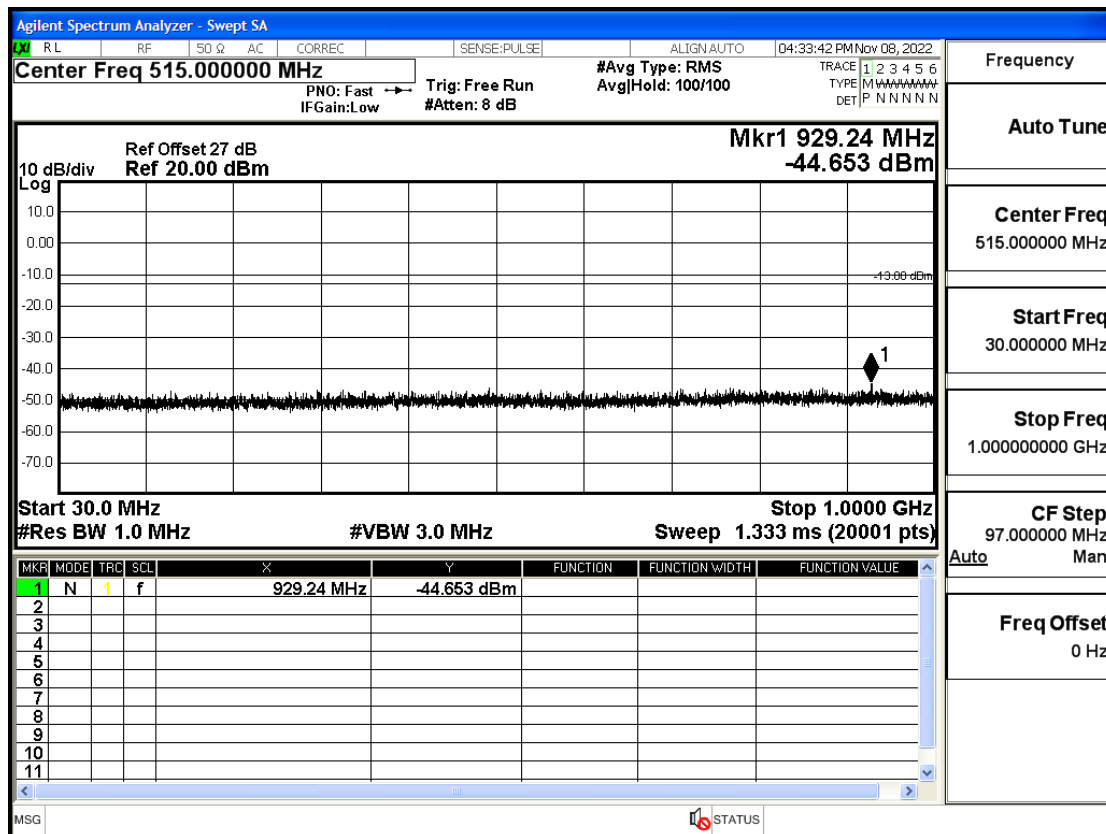
OB4-5-1712.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



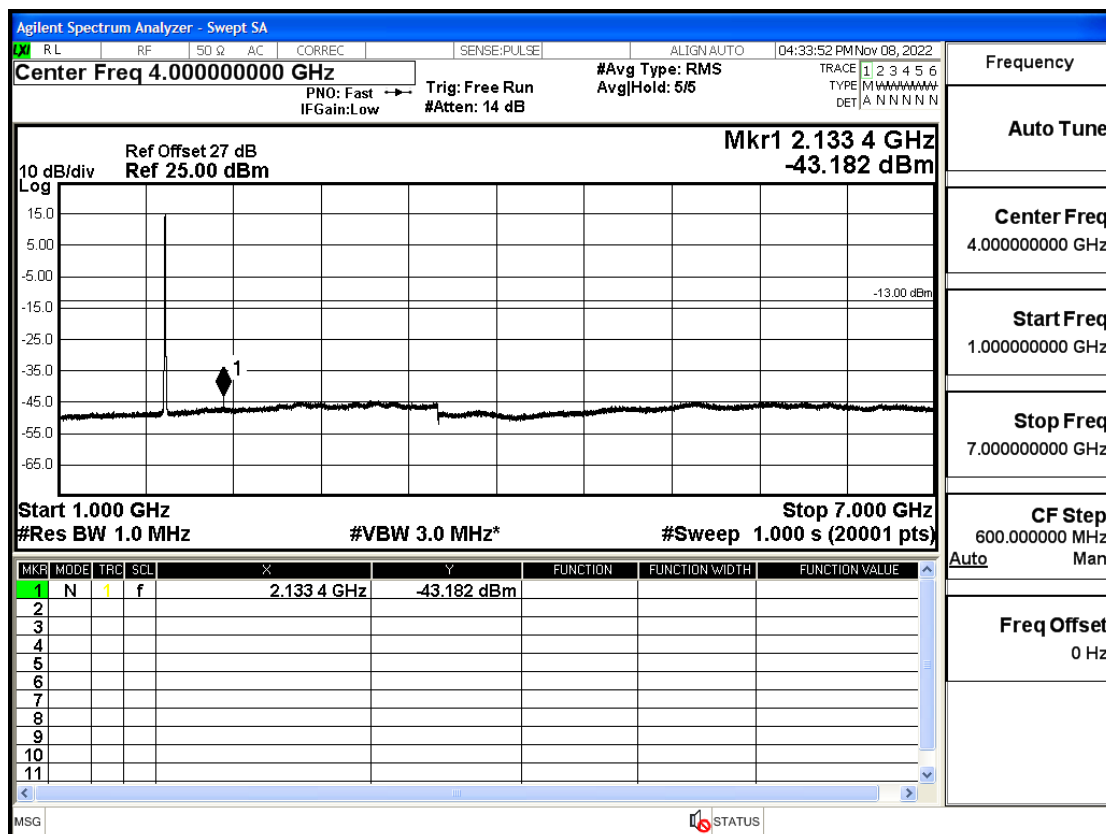
OB4-5-1712.5-QPSK-25#LOW@13.6GHz-20GHz@Pass



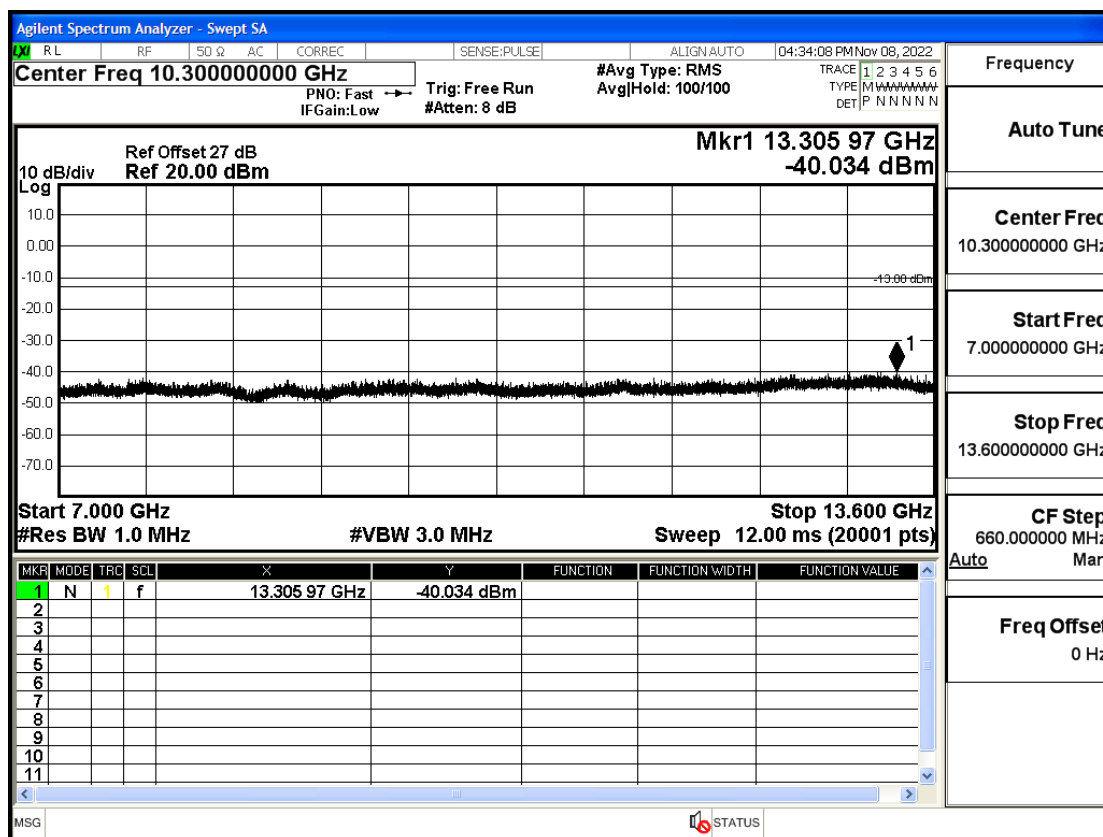
OB4-5-1732.5-QPSK-25#LOW@30mHz-1GHz@Pass



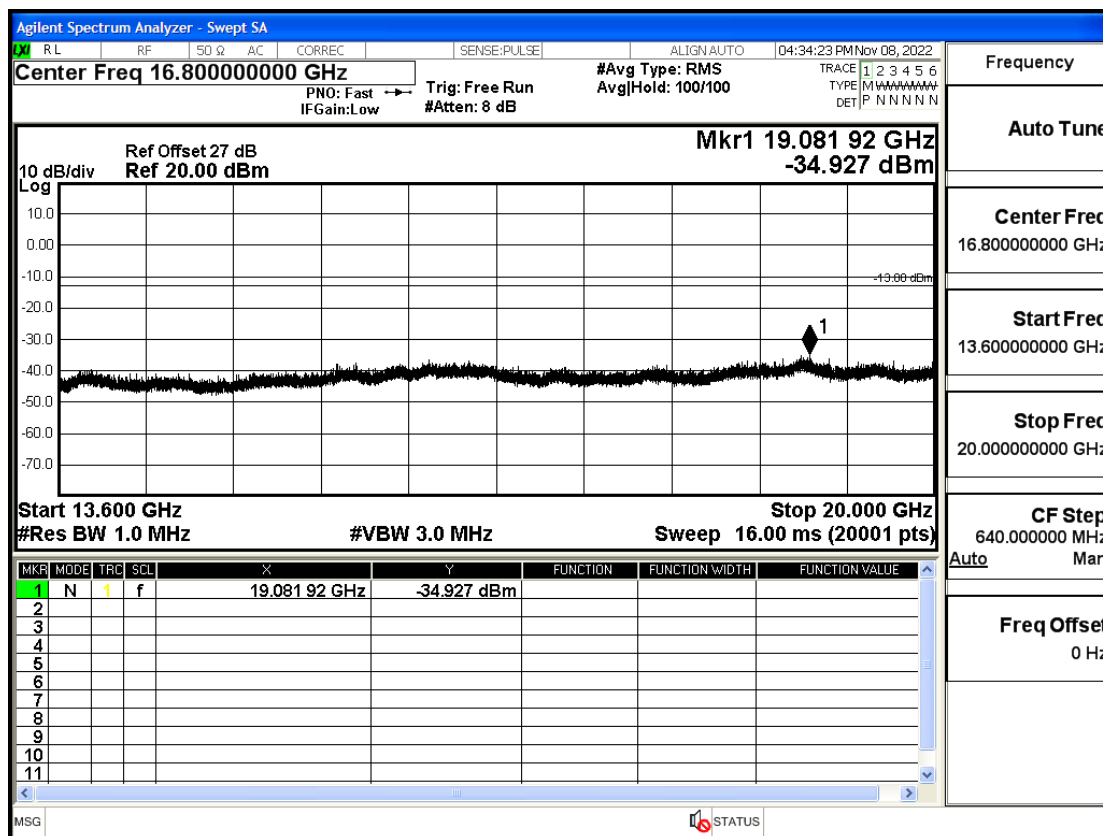
OB4-5-1732.5-QPSK-25#LOW@1GHz-7GHz@Pass



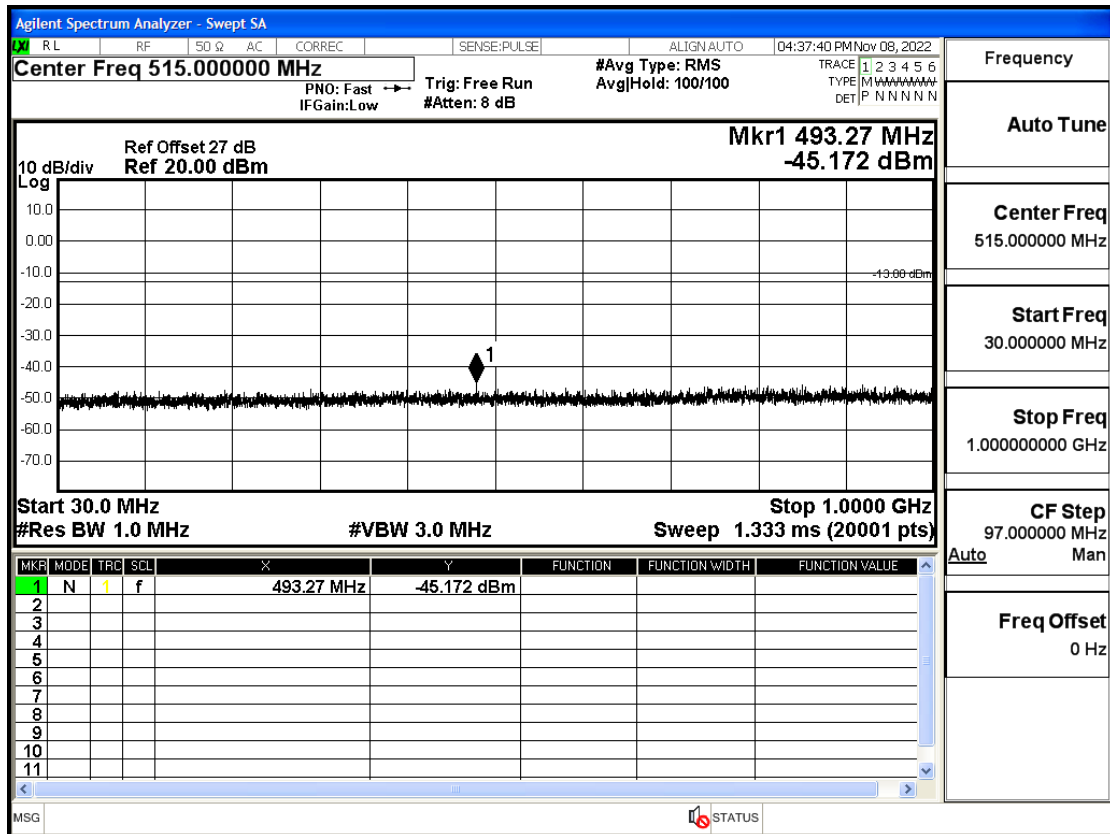
OB4-5-1732.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



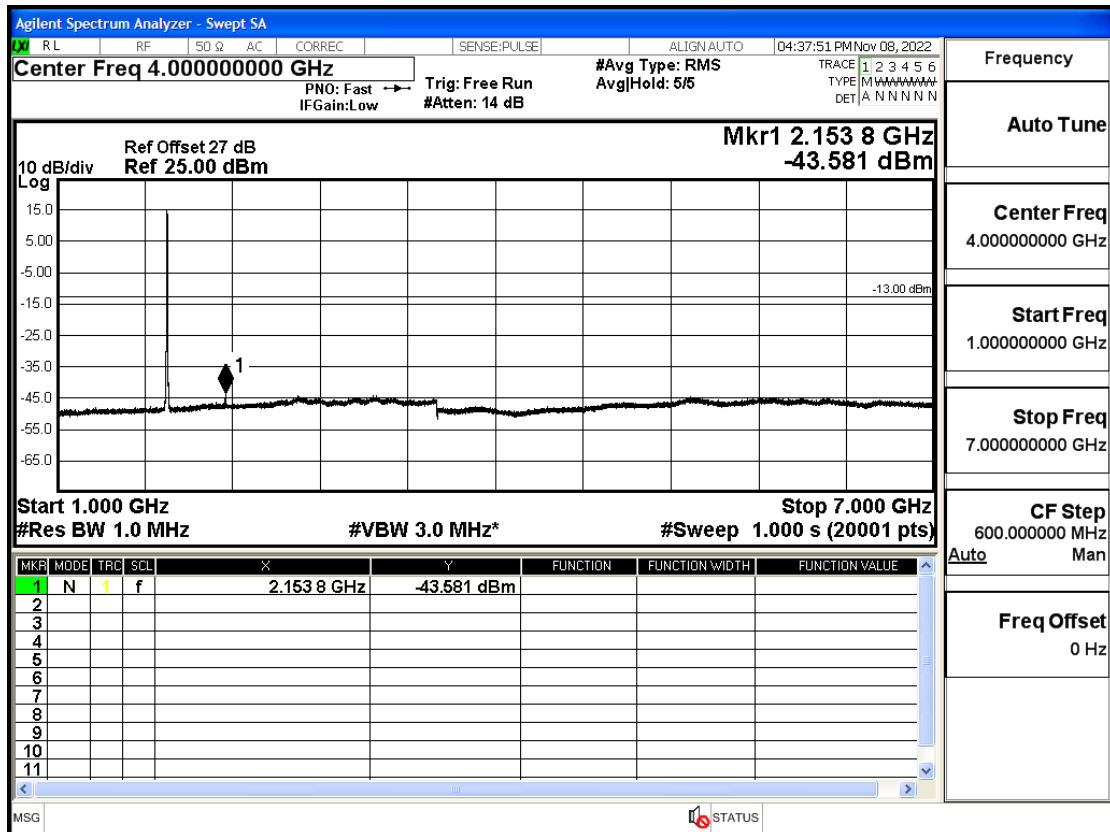
OB4-5-1732.5-QPSK-25#LOW@13.6GHz-20GHz@Pass



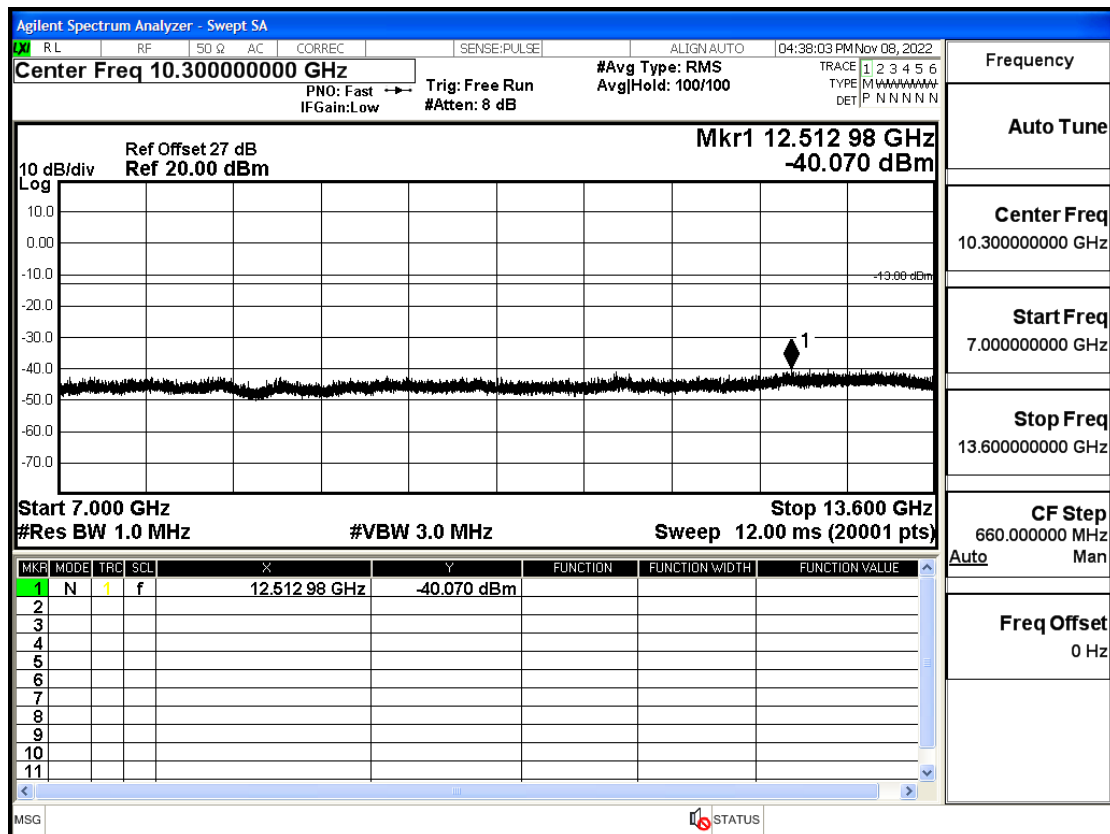
OB4-5-1752.5-QPSK-25#LOW@30mHz-1GHz@Pass



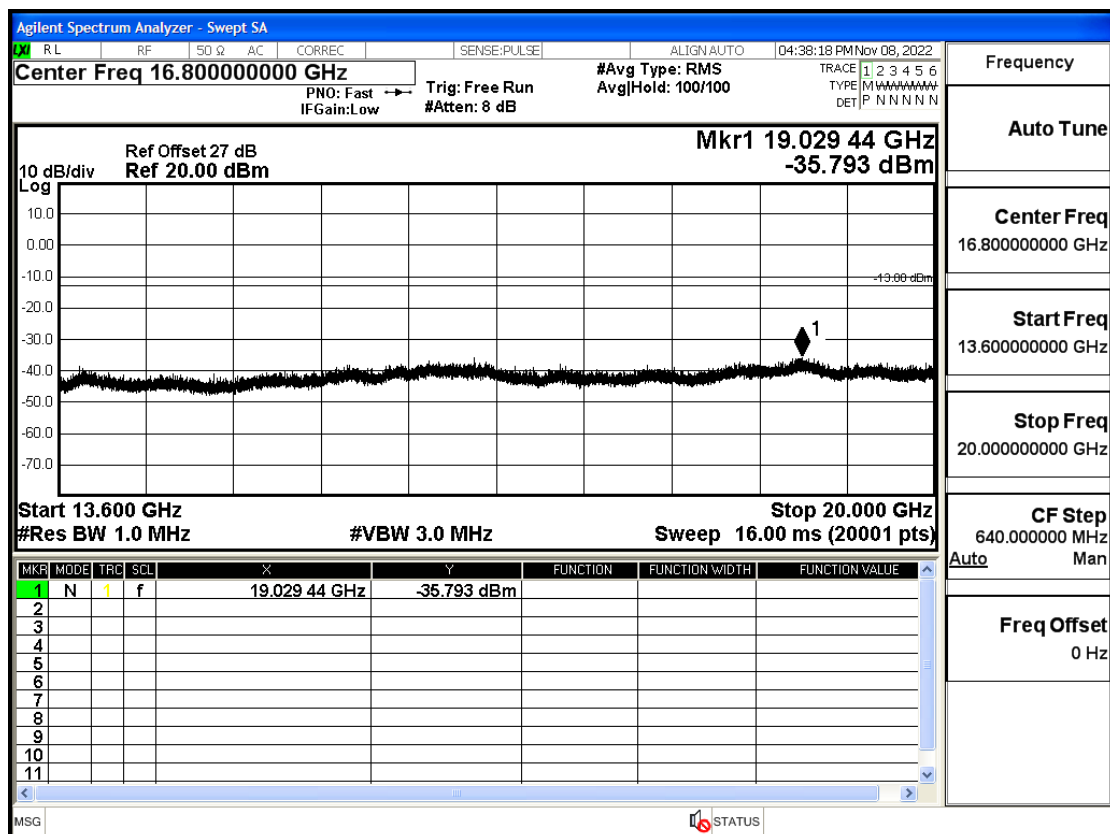
OB4-5-1752.5-QPSK-25#LOW@1GHz-7GHz@Pass



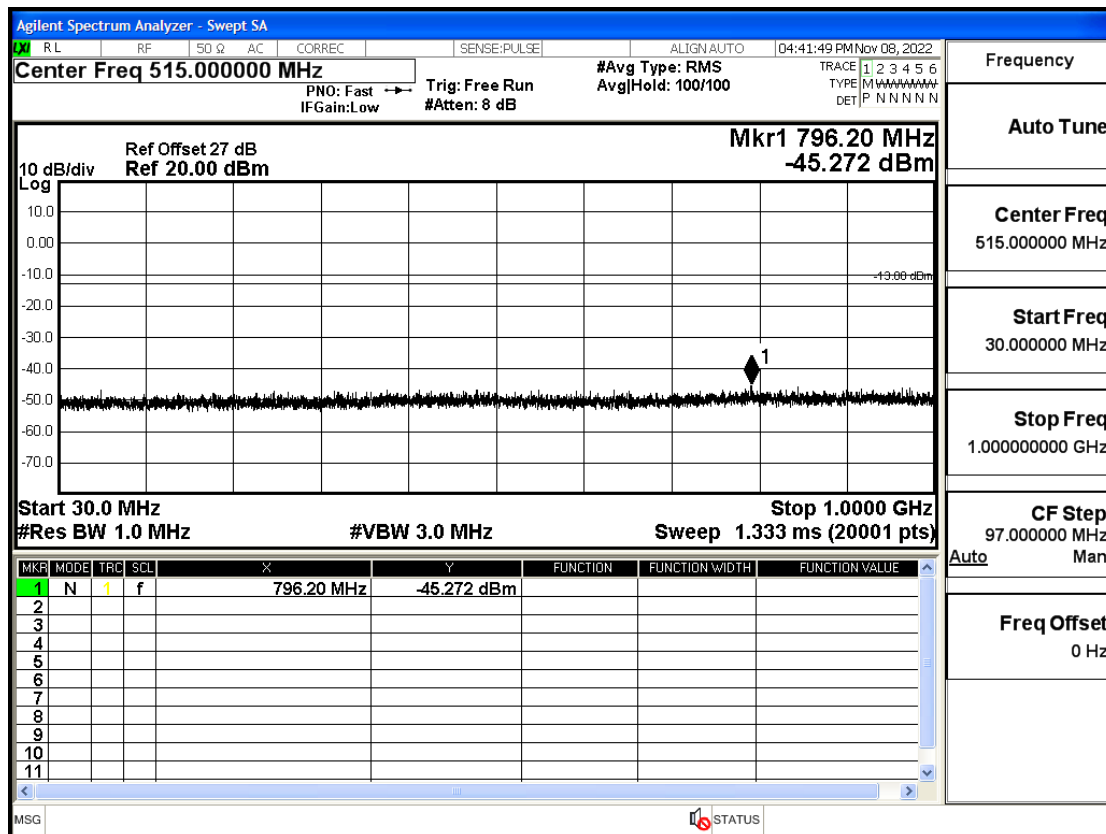
OB4-5-1752.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



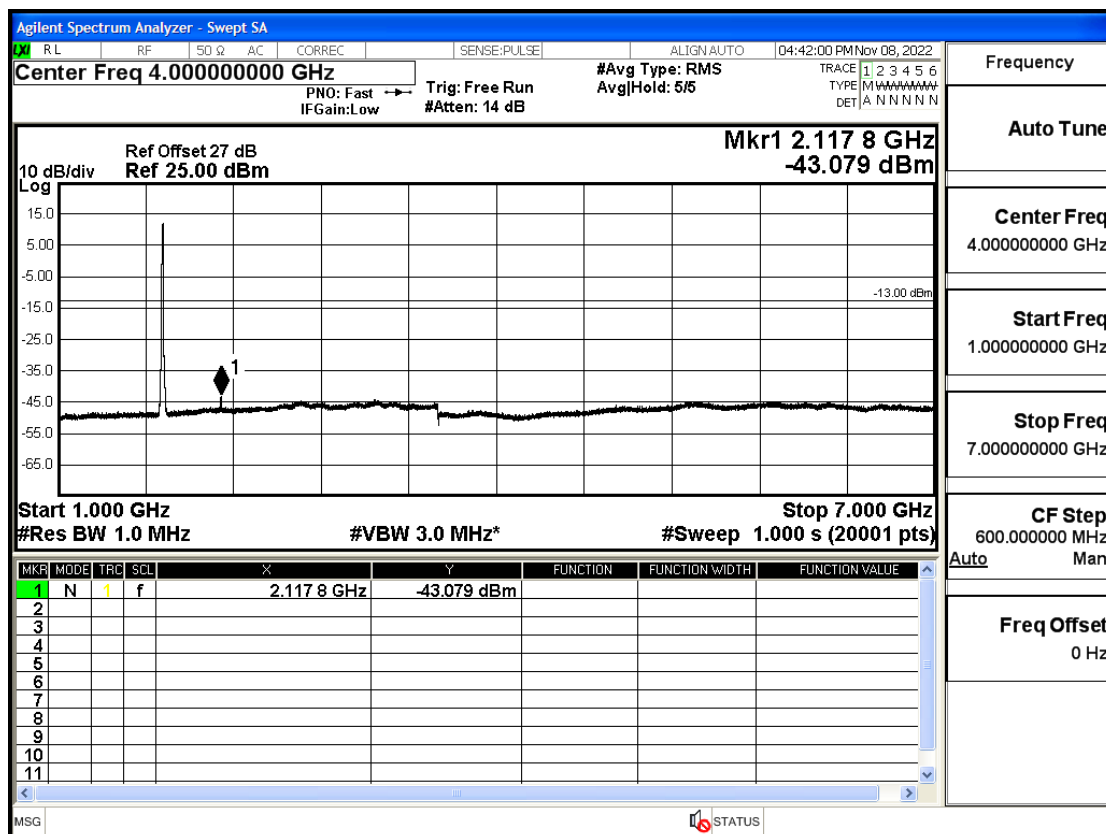
OB4-5-1752.5-QPSK-25#LOW@13.6GHz-20GHz@Pass



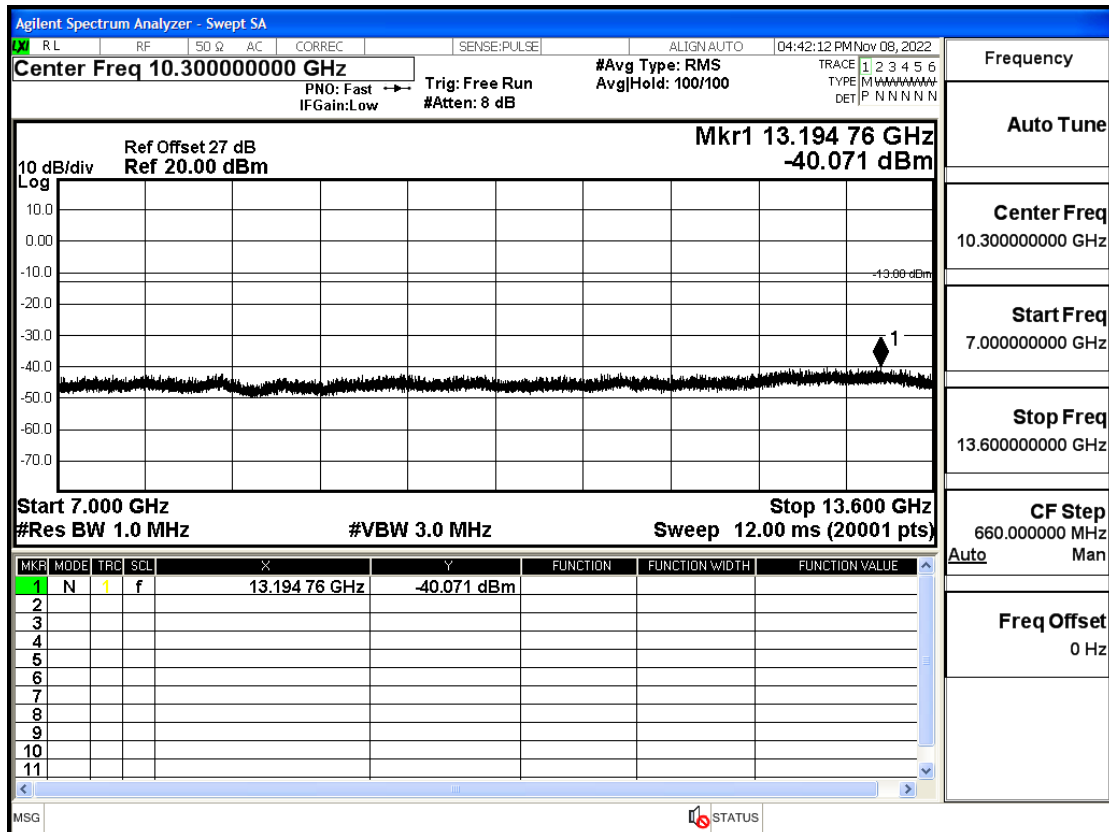
OB4-10-1715-QPSK-50#LOW@30mHz-1GHz@Pass



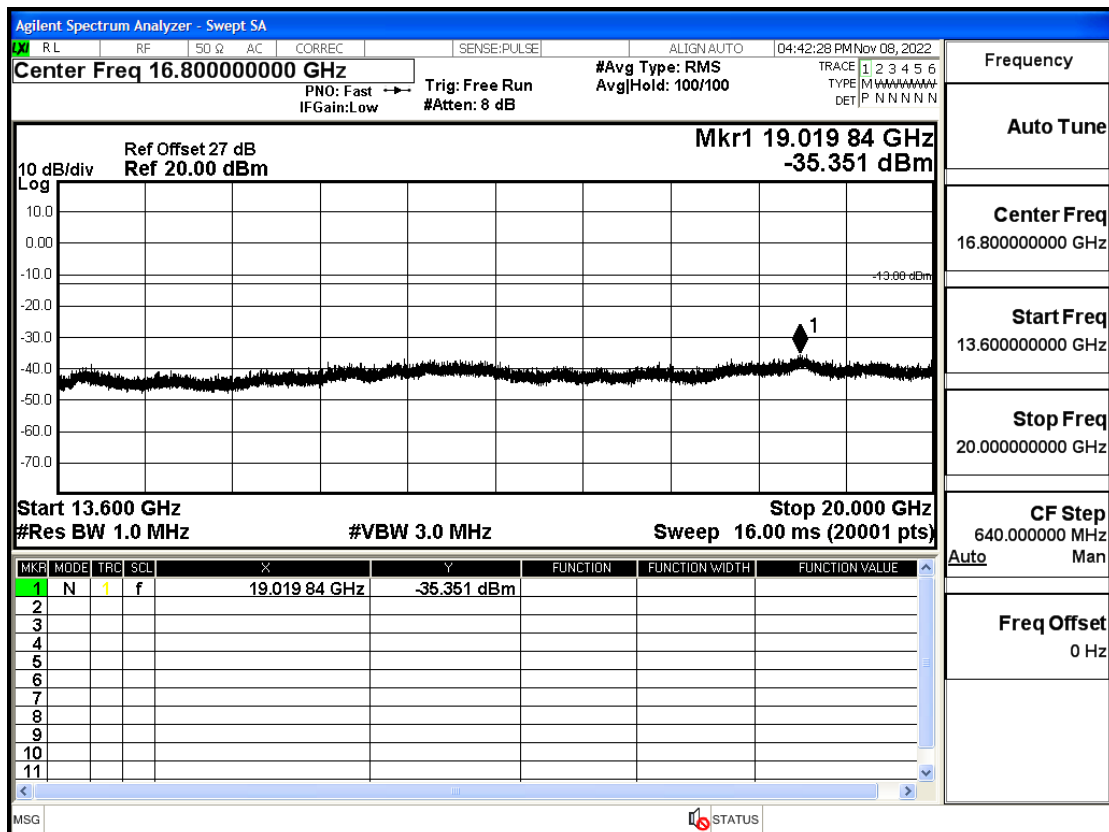
OB4-10-1715-QPSK-50#LOW@1GHz-7GHz@Pass



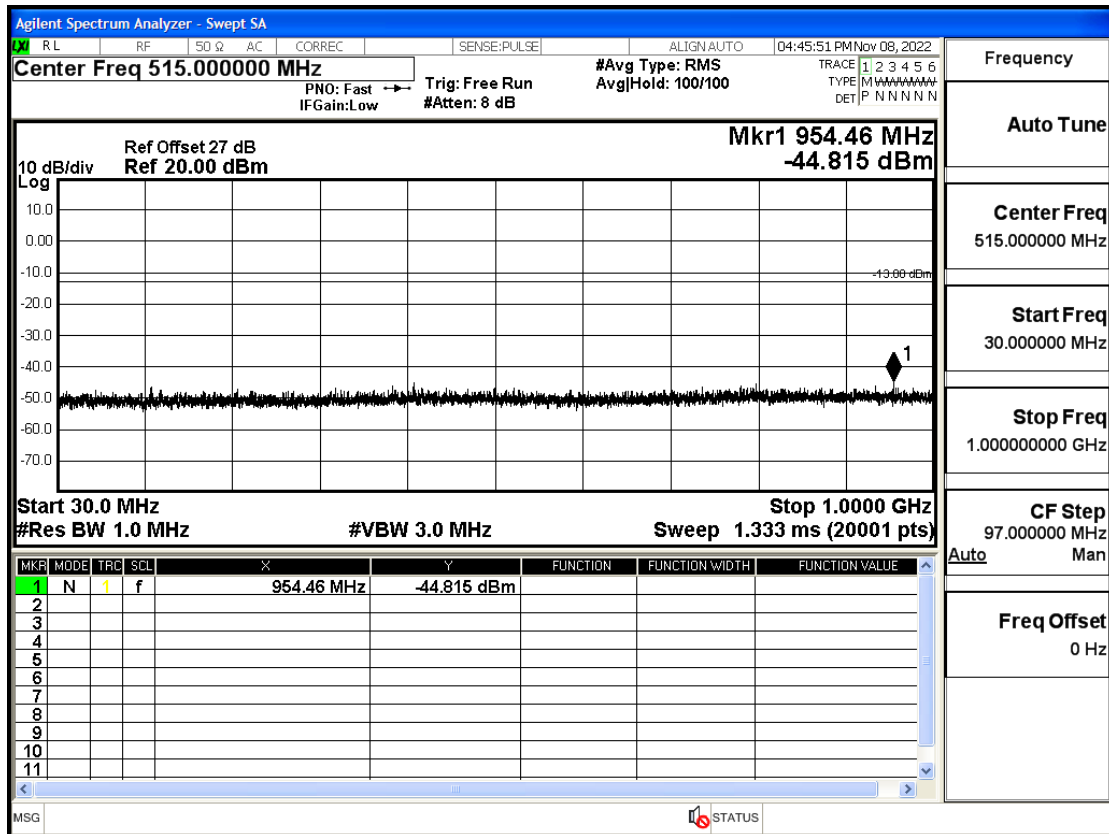
OB4-10-1715-QPSK-50#LOW@7GHz-13.6GHz@Pass



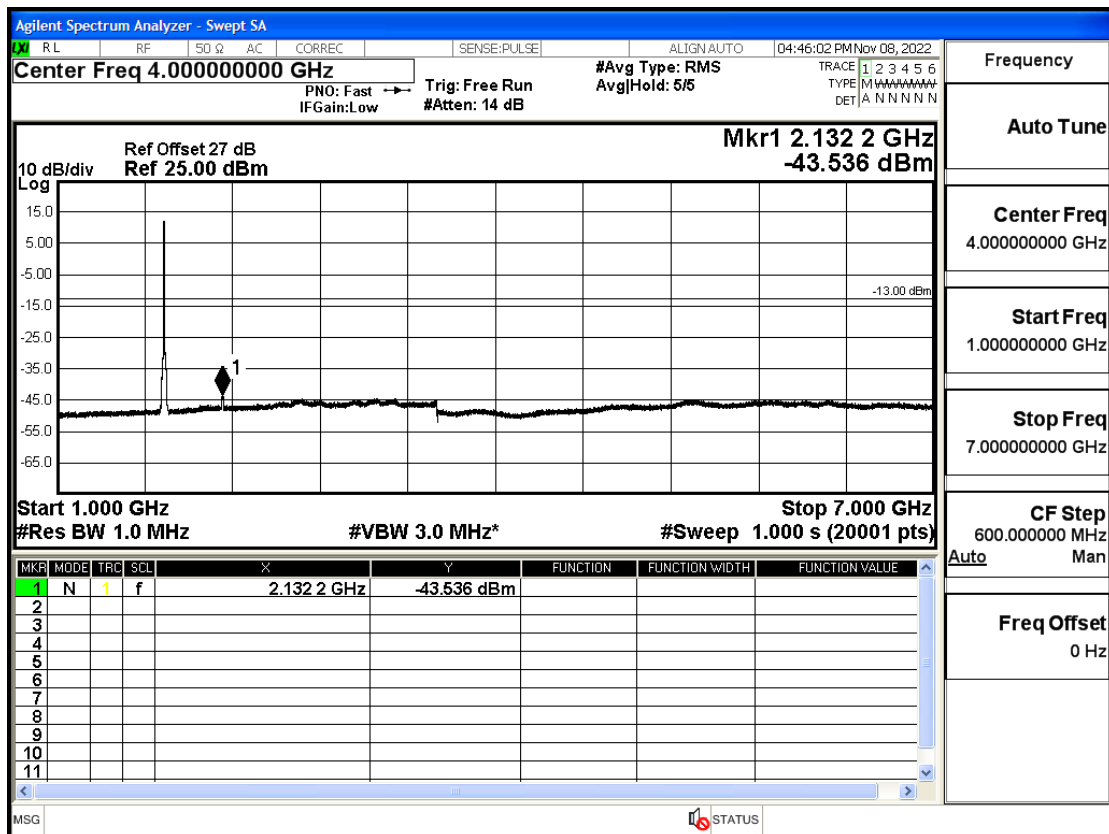
OB4-10-1715-QPSK-50#LOW@13.6GHz-20GHz@Pass



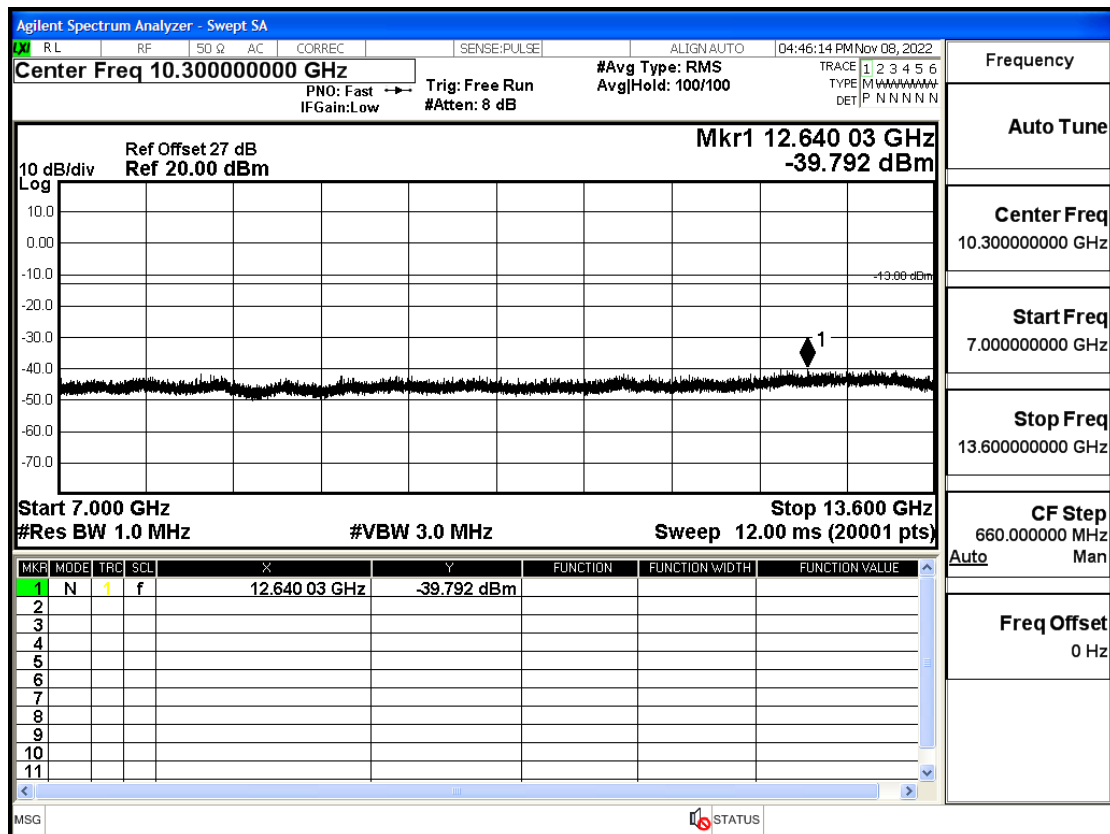
OB4-10-1732.5-QPSK-50#LOW@30mHz-1GHz@Pass



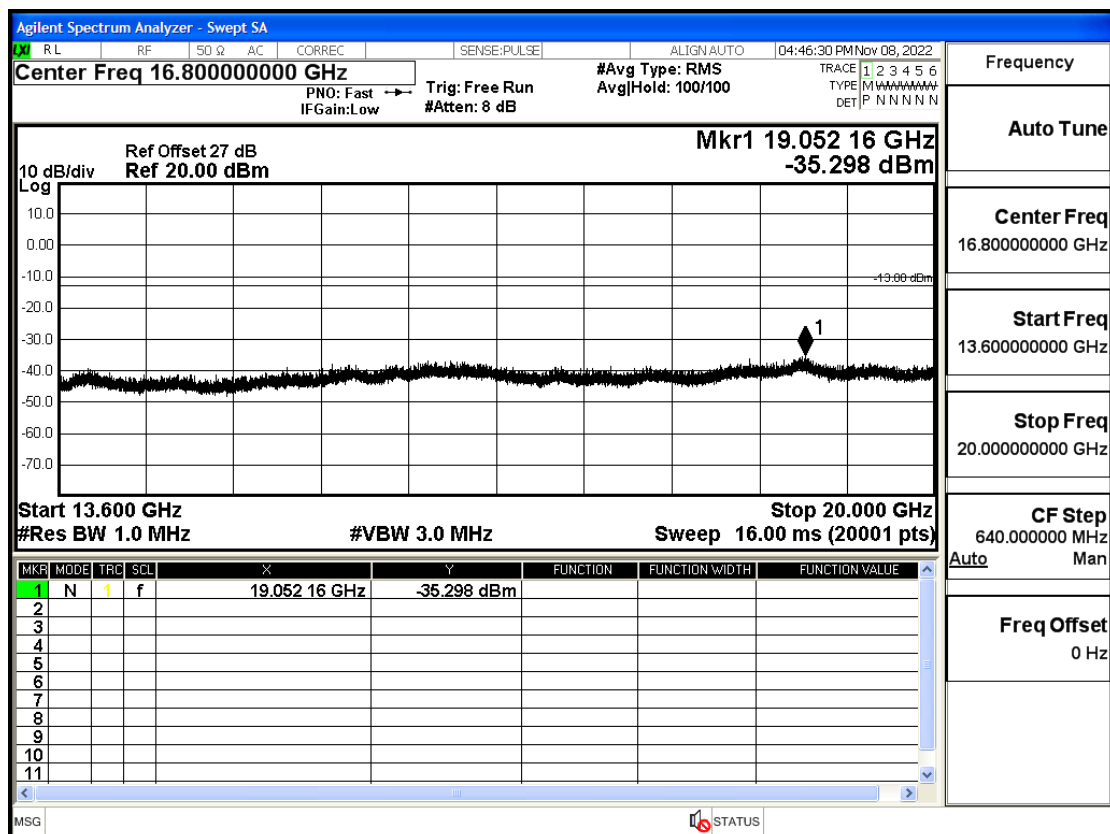
OB4-10-1732.5-QPSK-50#LOW@1GHz-7GHz@Pass



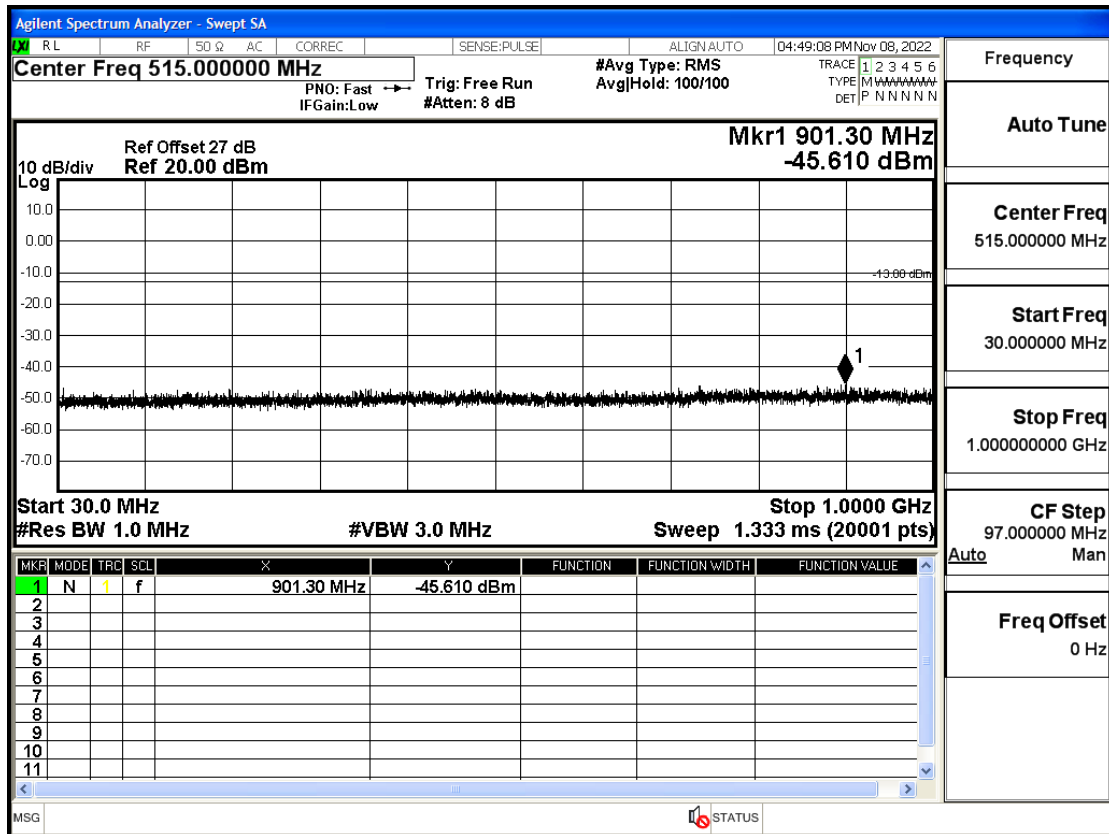
OB4-10-1732.5-QPSK-50#LOW@7GHz-13.6GHz@Pass



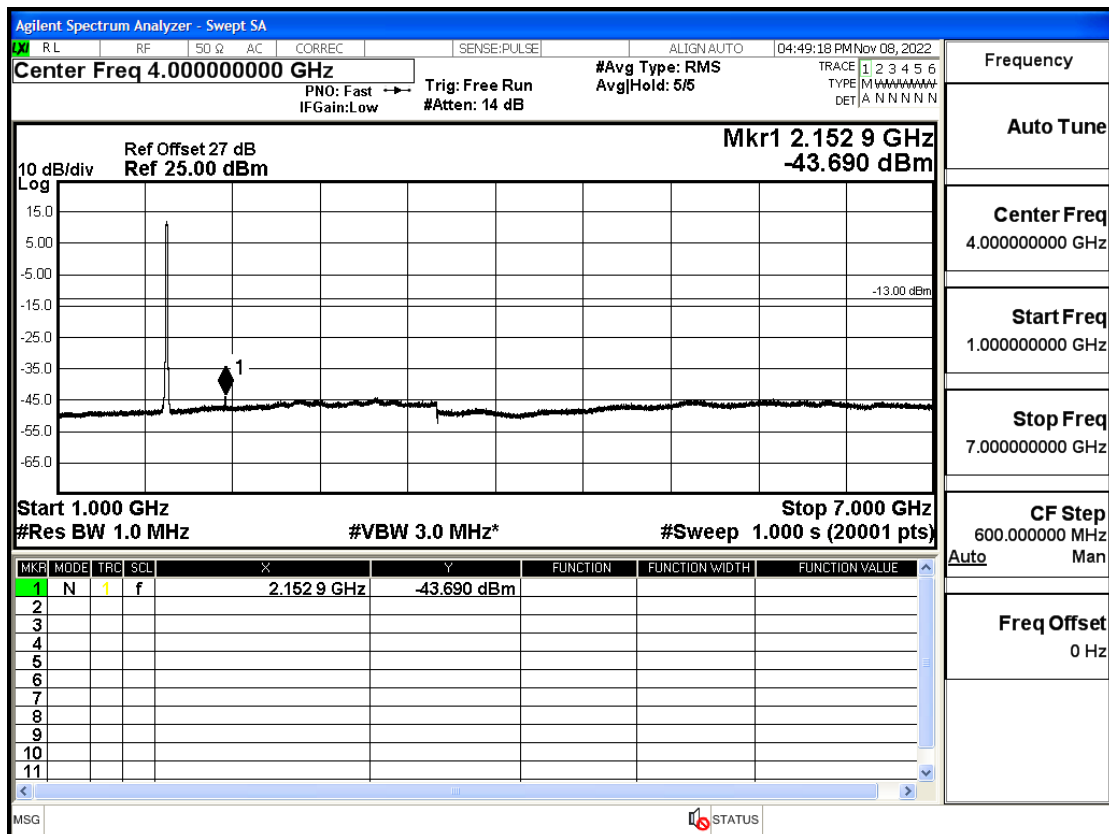
OB4-10-1732.5-QPSK-50#LOW@13.6GHz-20GHz@Pass



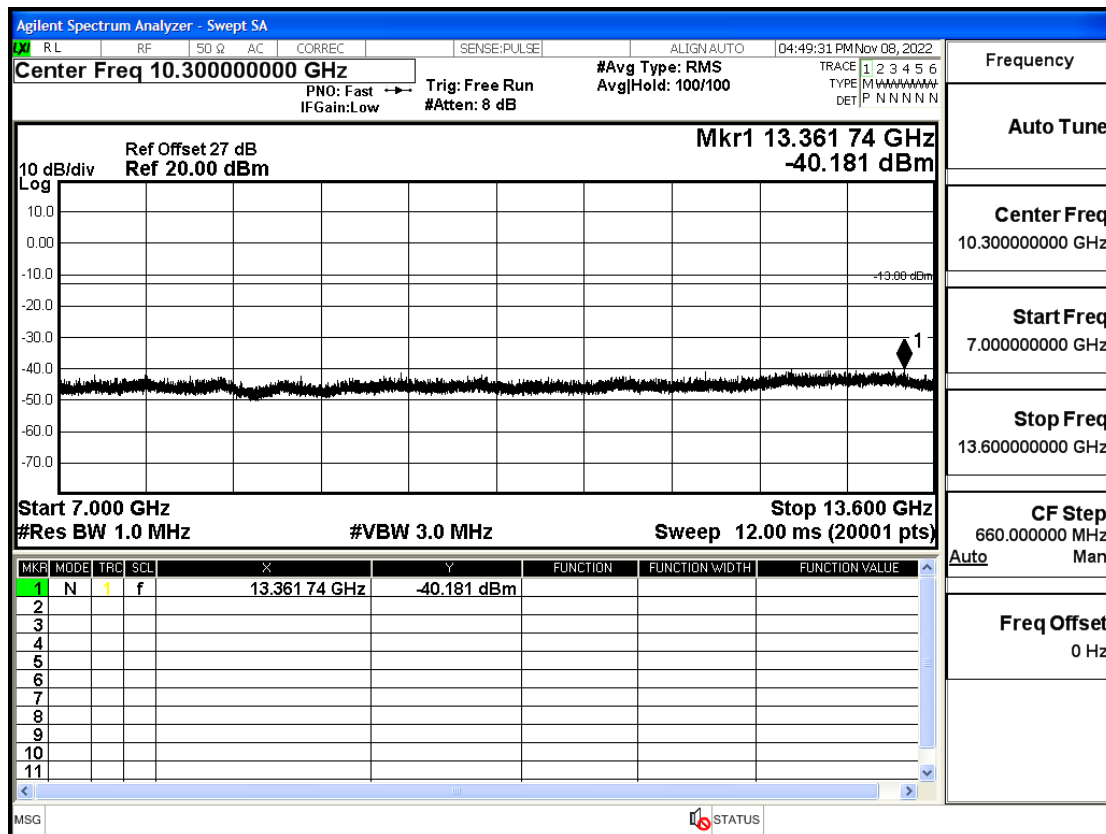
OB4-10-1750-QPSK-50#LOW@30mHz-1GHz@Pass



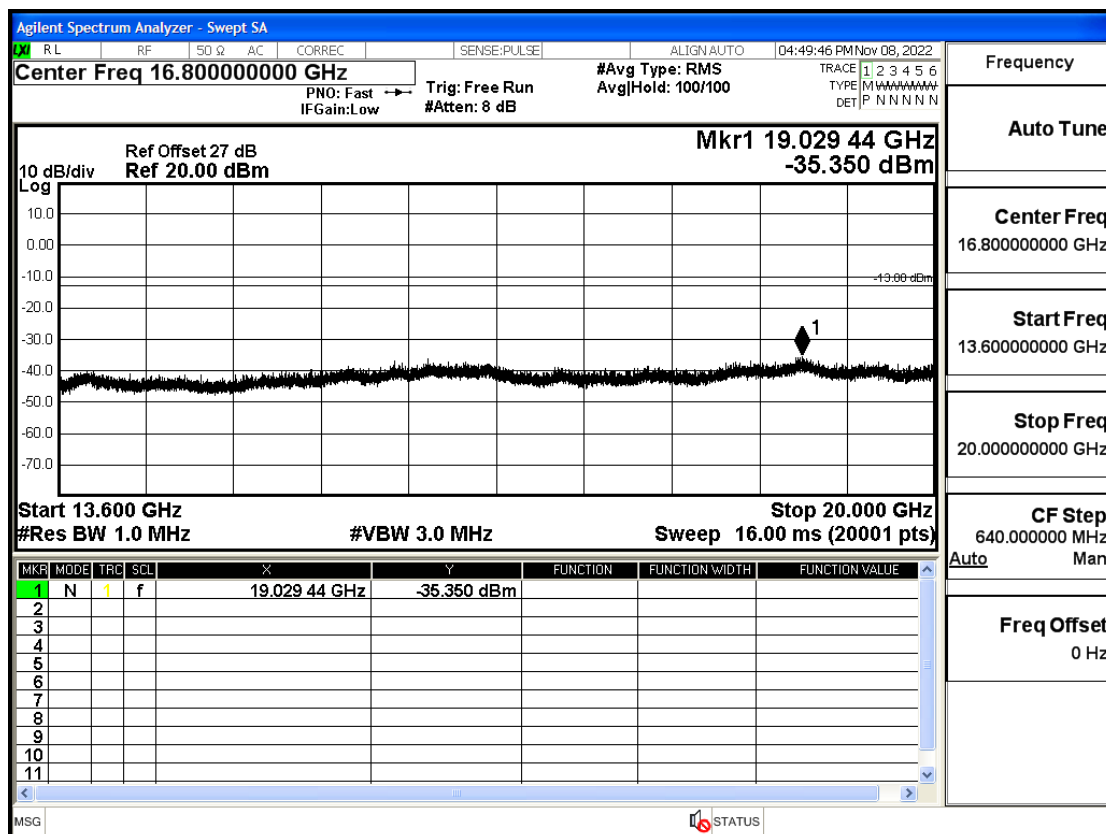
OB4-10-1750-QPSK-50#LOW@1GHz-7GHz@Pass



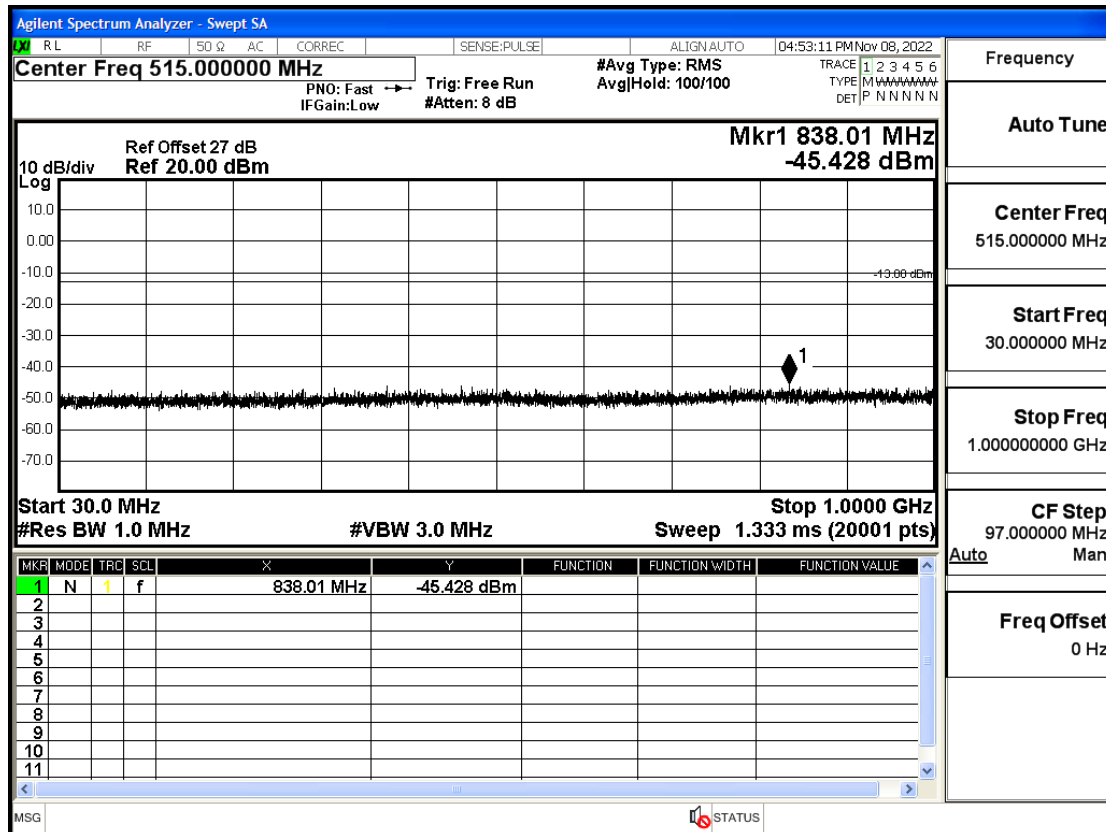
OB4-10-1750-QPSK-50#LOW@7GHz-13.6GHz@Pass



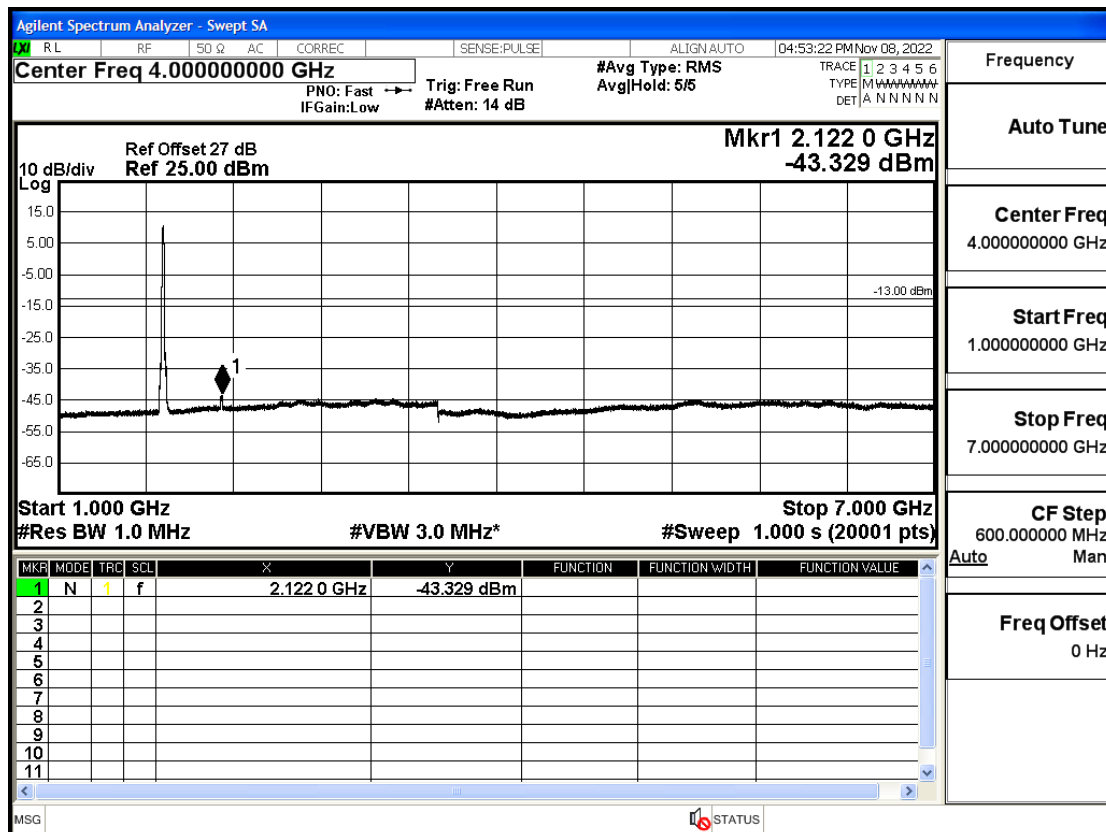
OB4-10-1750-QPSK-50#LOW@13.6GHz-20GHz@Pass



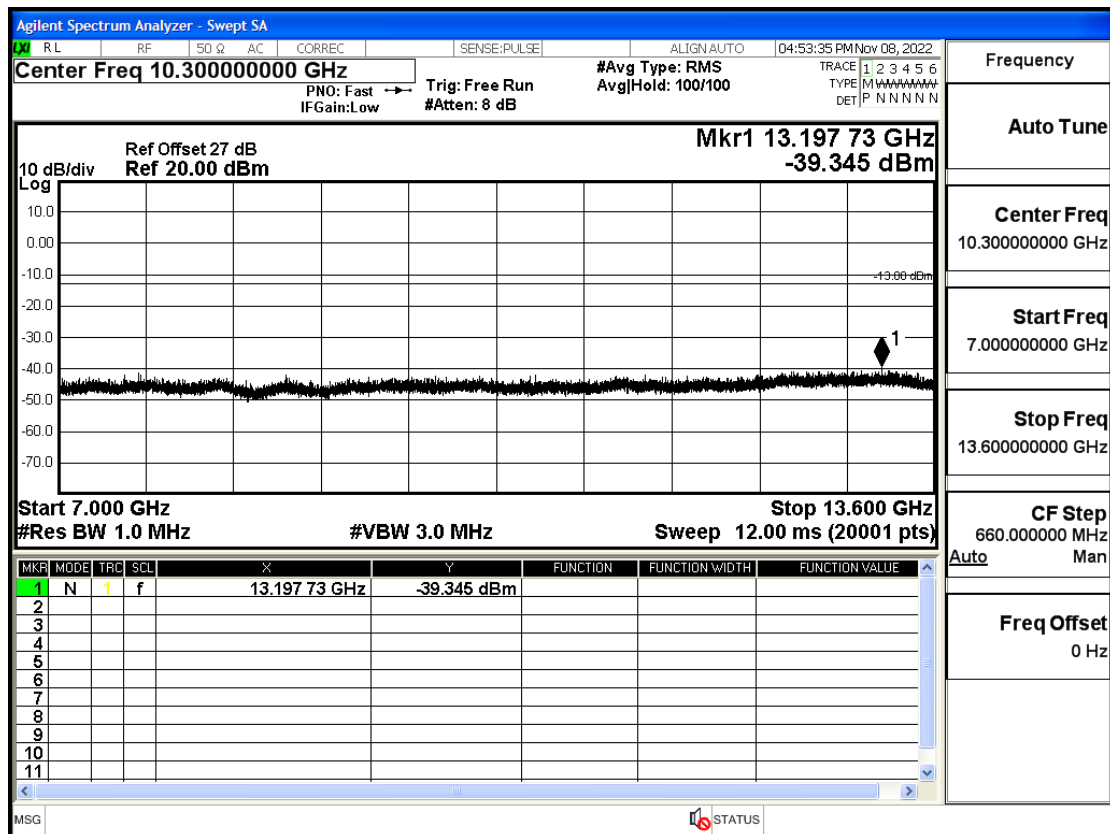
OB4-15-1717.5-QPSK-75#LOW@30mHz-1GHz@Pass



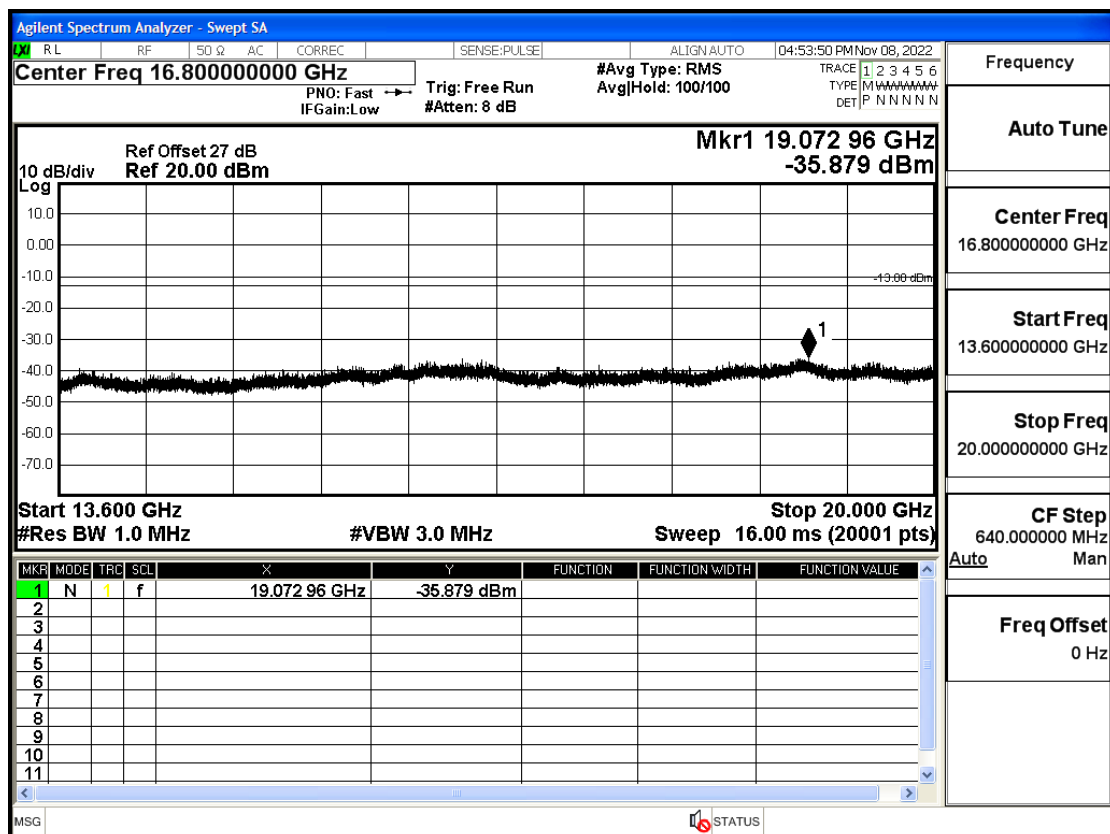
OB4-15-1717.5-QPSK-75#LOW@1GHz-7GHz@Pass



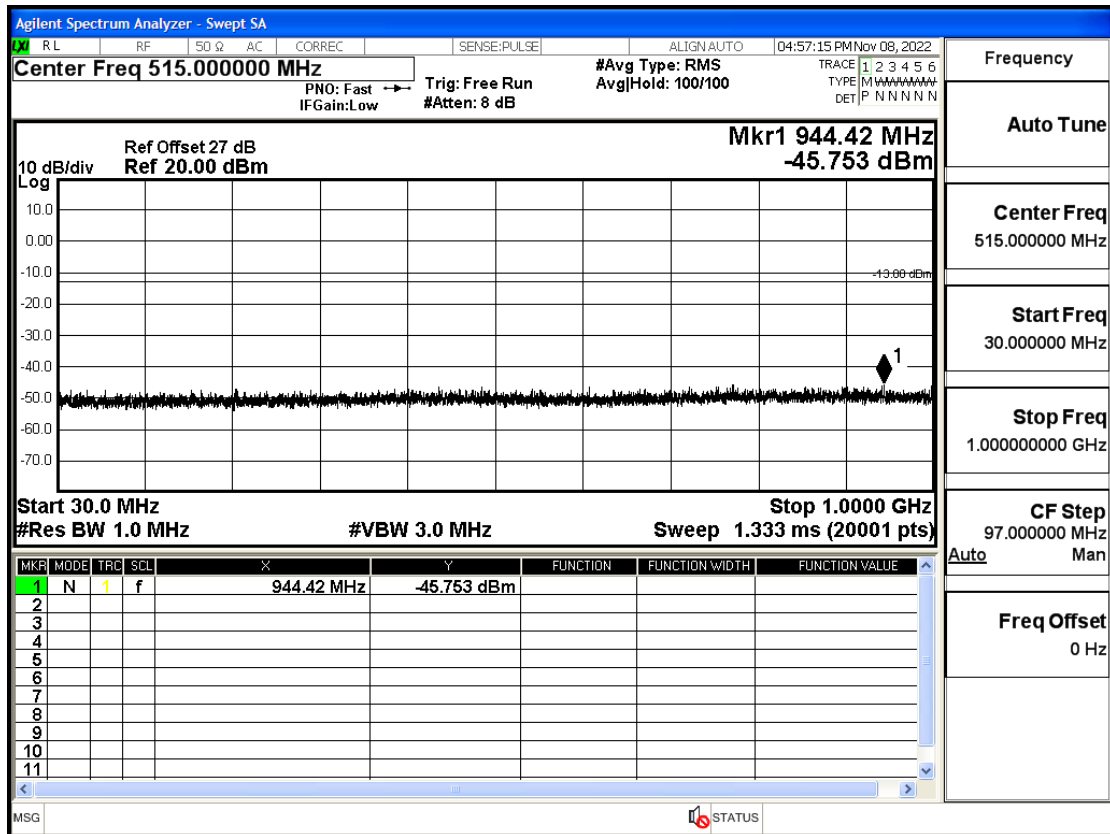
OB4-15-1717.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



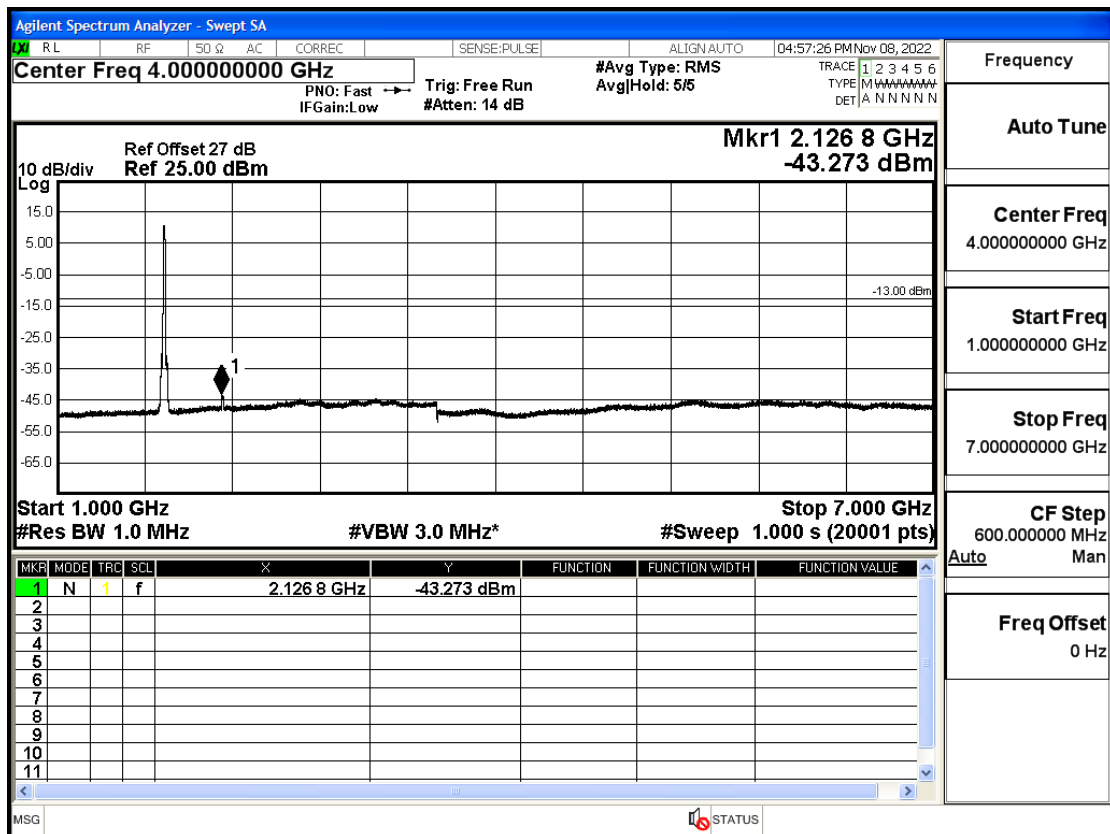
OB4-15-1717.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



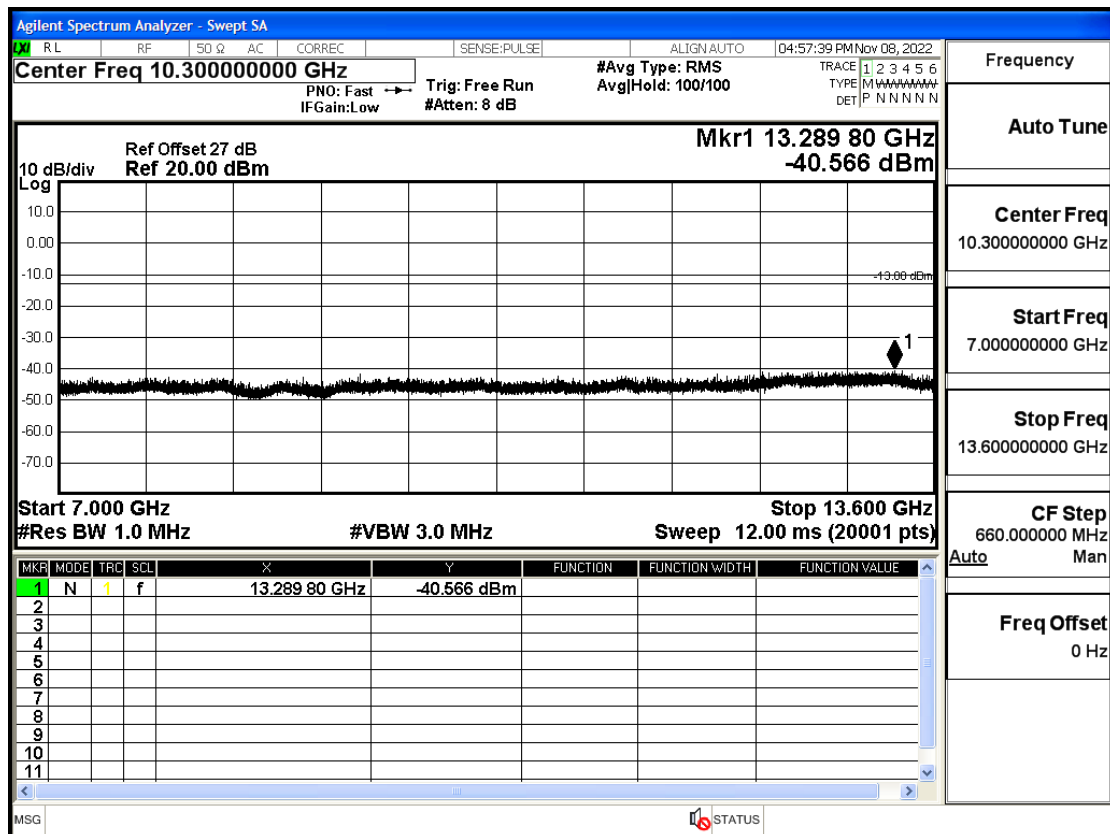
OB4-15-1732.5-QPSK-75#LOW@30mHz-1GHz@Pass



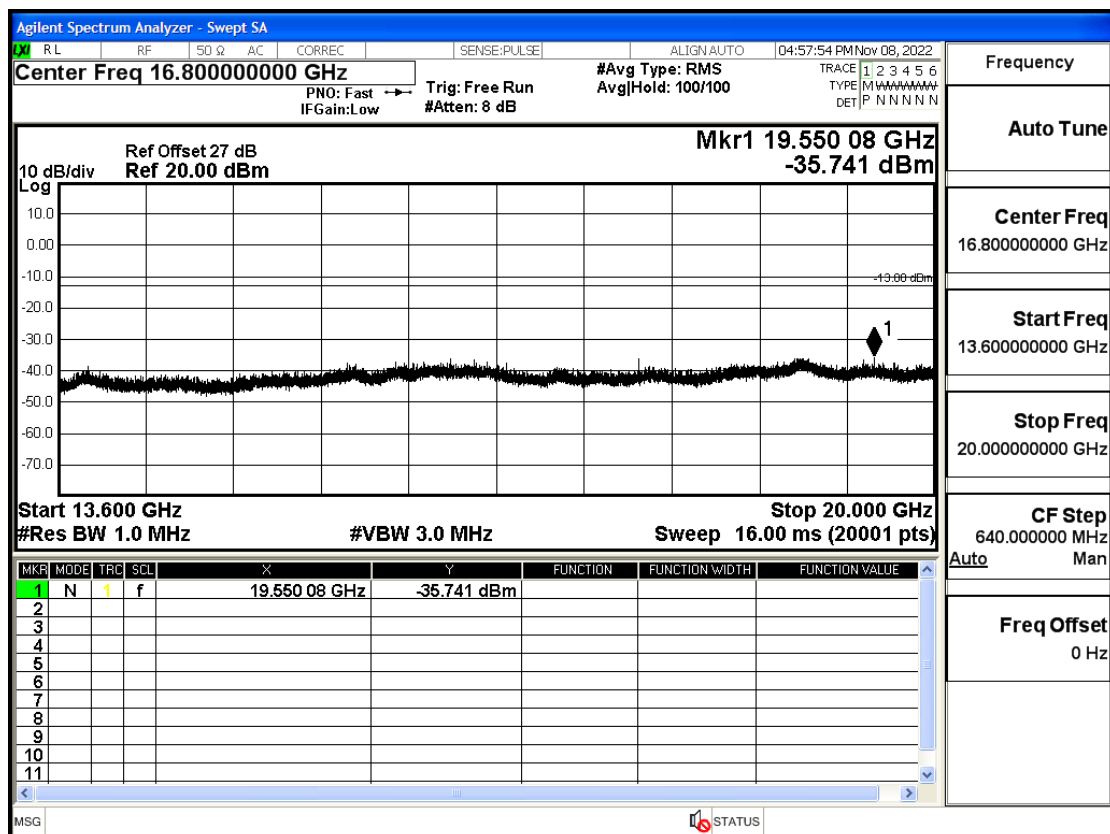
OB4-15-1732.5-QPSK-75#LOW@1GHz-7GHz@Pass



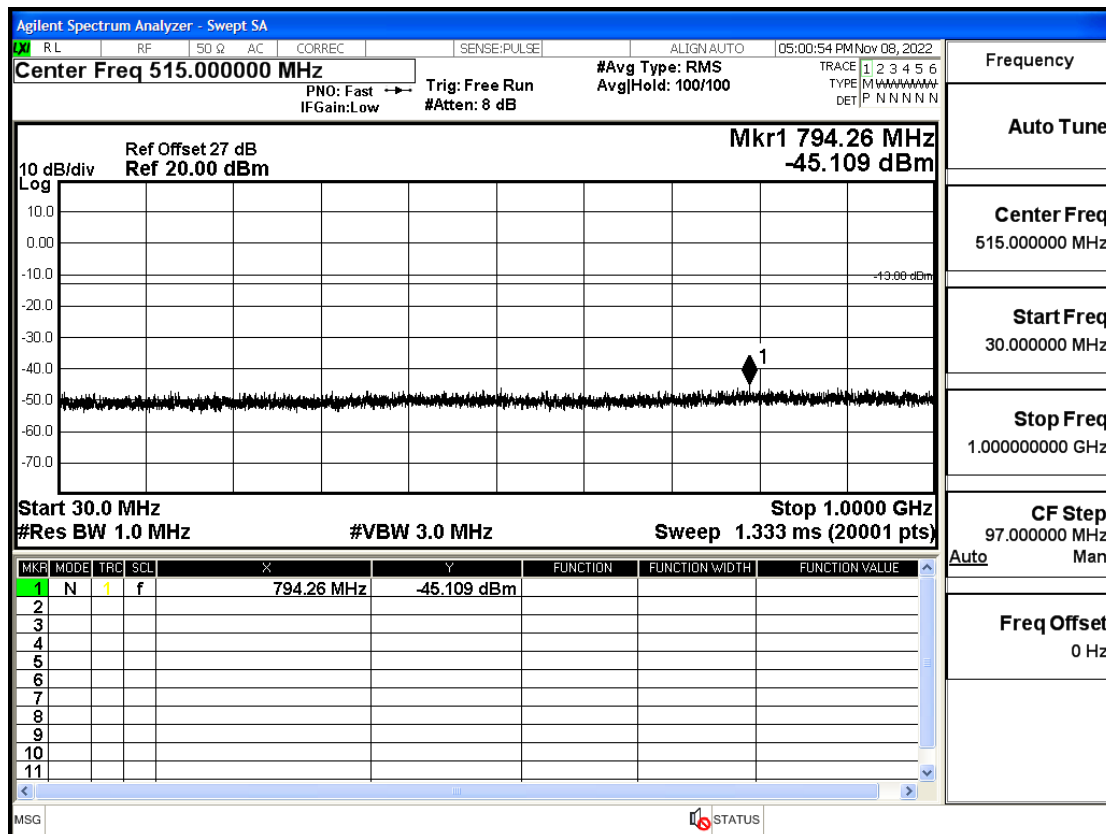
OB4-15-1732.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



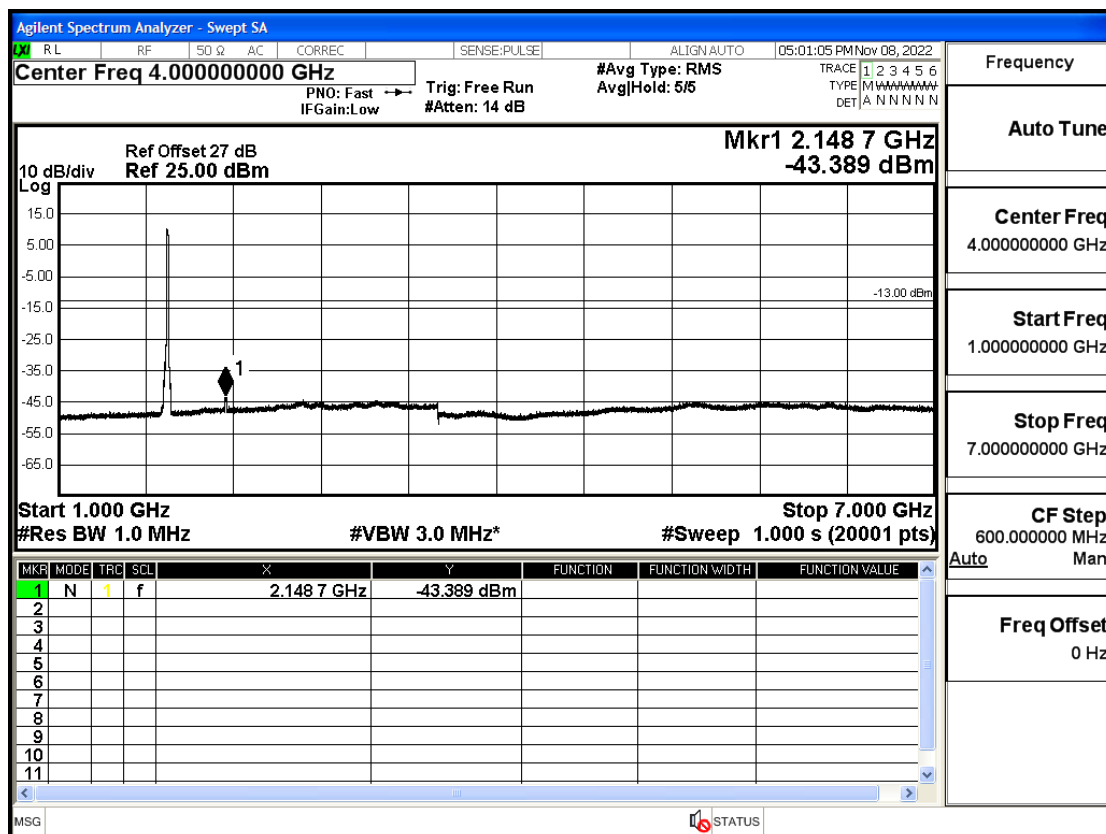
OB4-15-1732.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



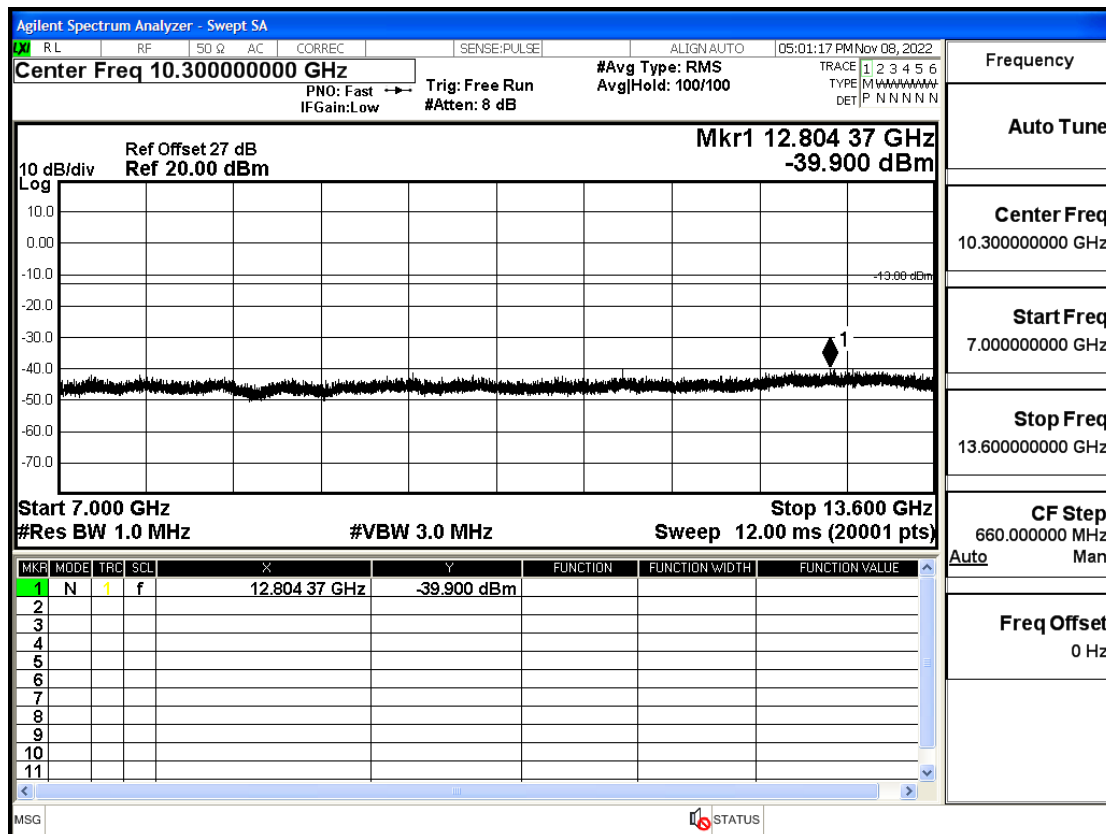
OB4-15-1747.5-QPSK-75#LOW@30mHz-1GHz@Pass



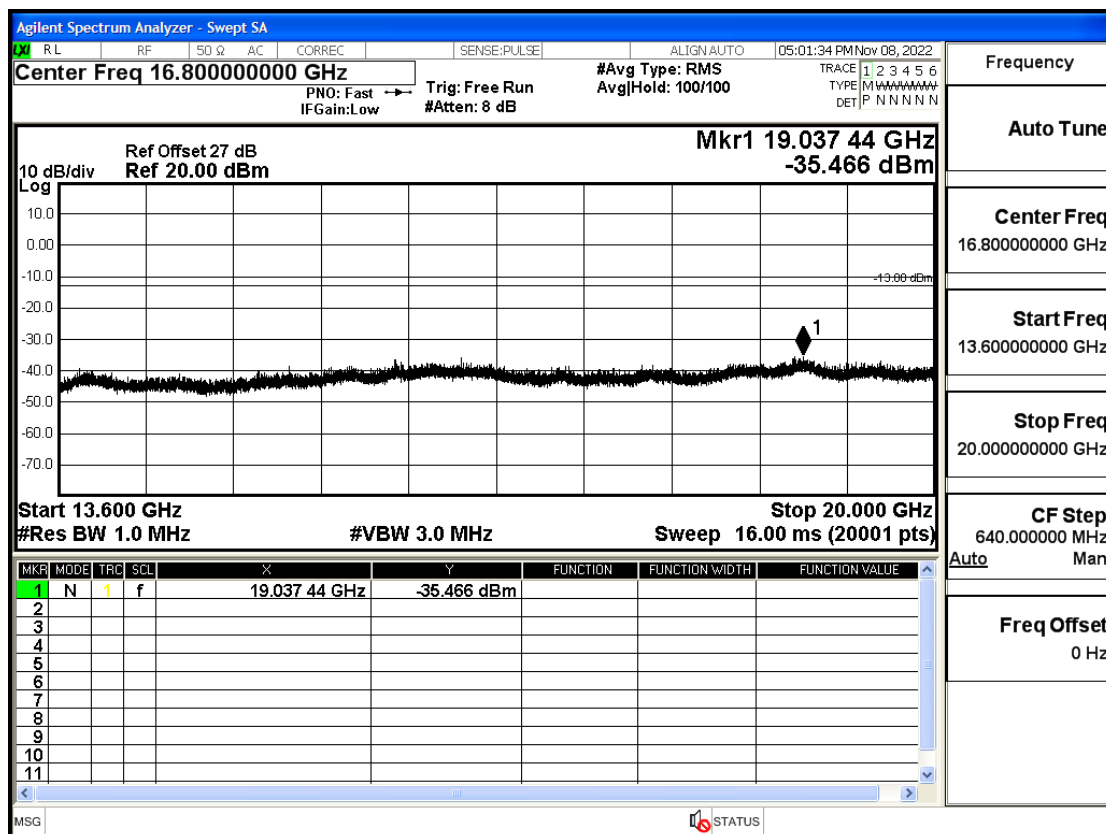
OB4-15-1747.5-QPSK-75#LOW@1GHz-7GHz@Pass



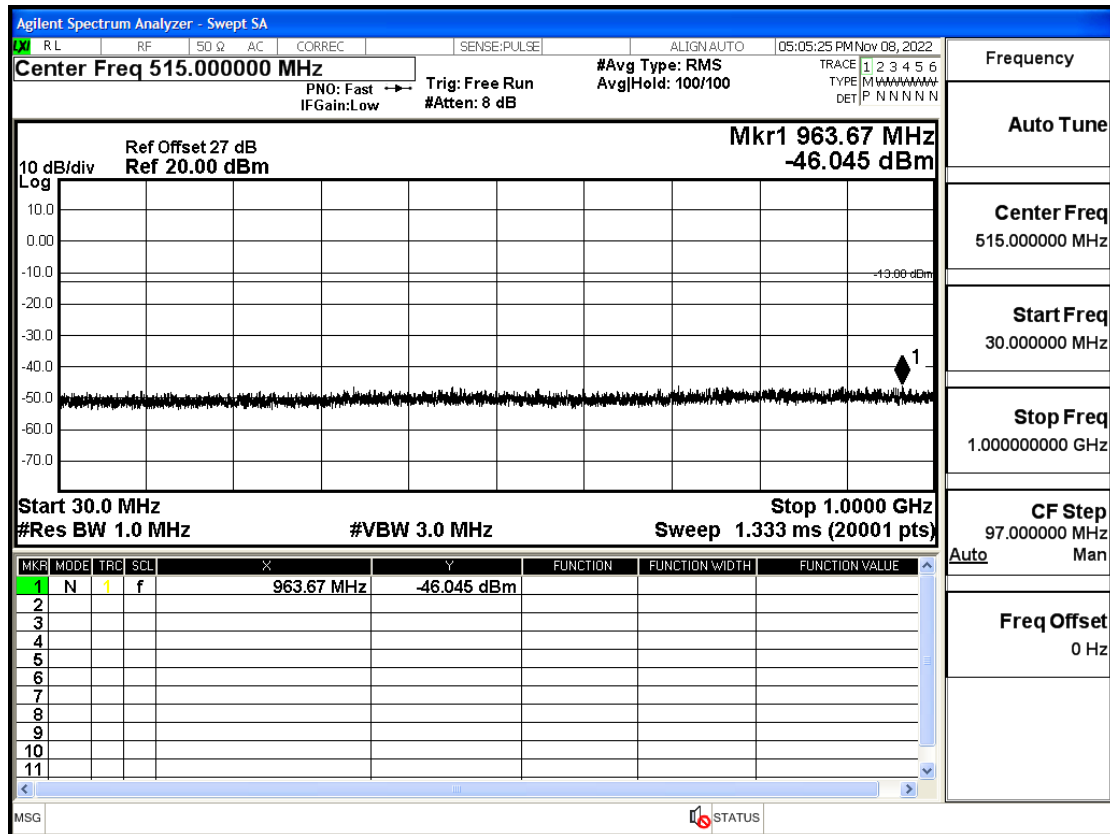
OB4-15-1747.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



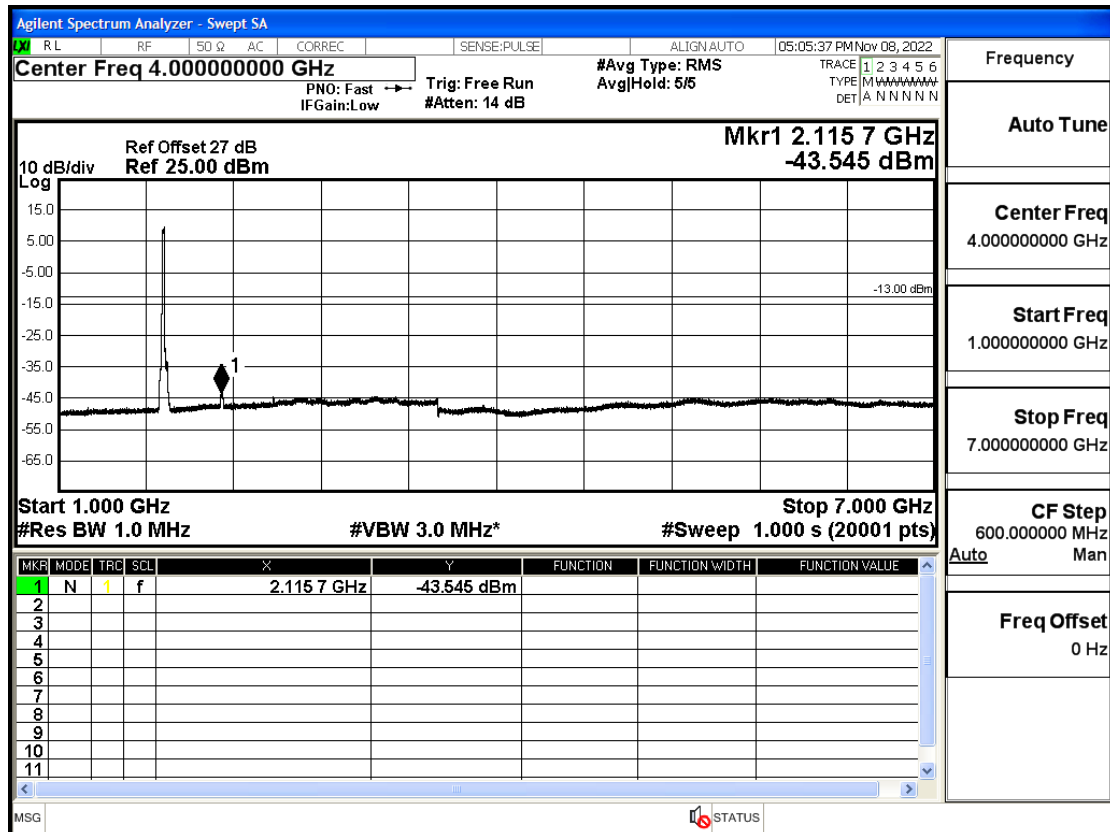
OB4-15-1747.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



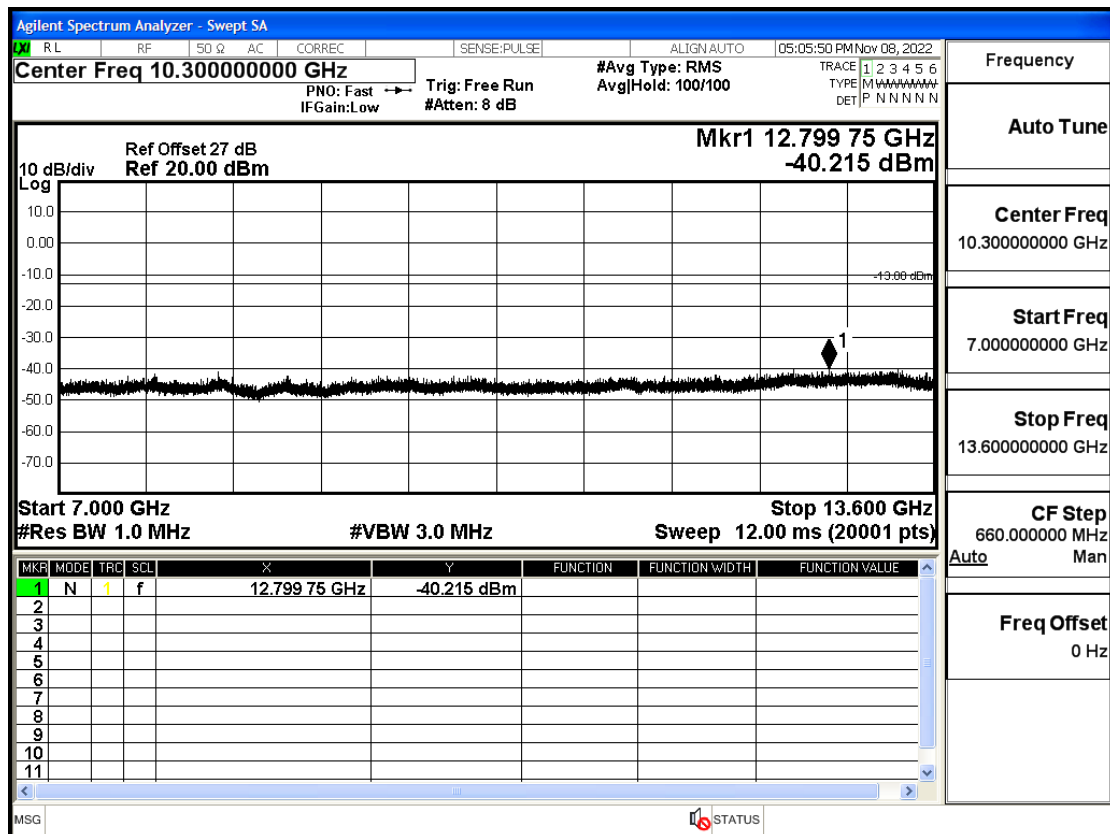
OB4-20-1720-QPSK-100#LOW@30mHz-1GHz@Pass



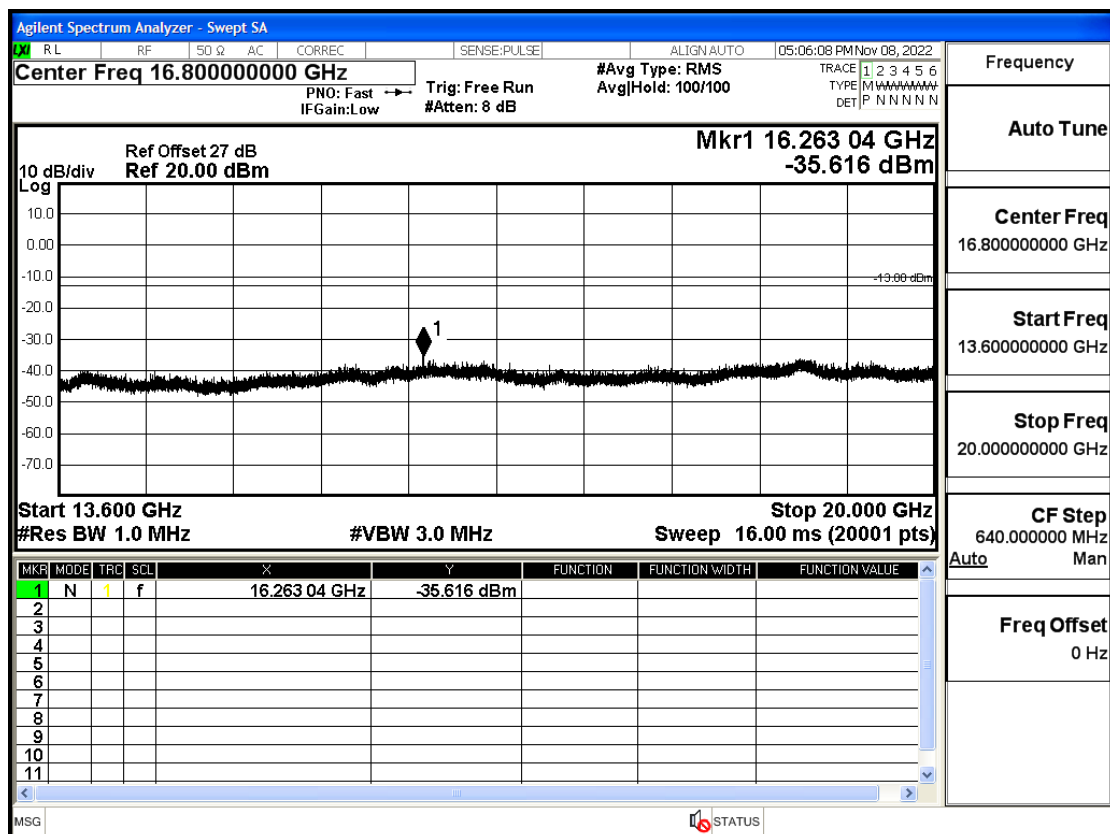
OB4-20-1720-QPSK-100#LOW@1GHz-7GHz@Pass



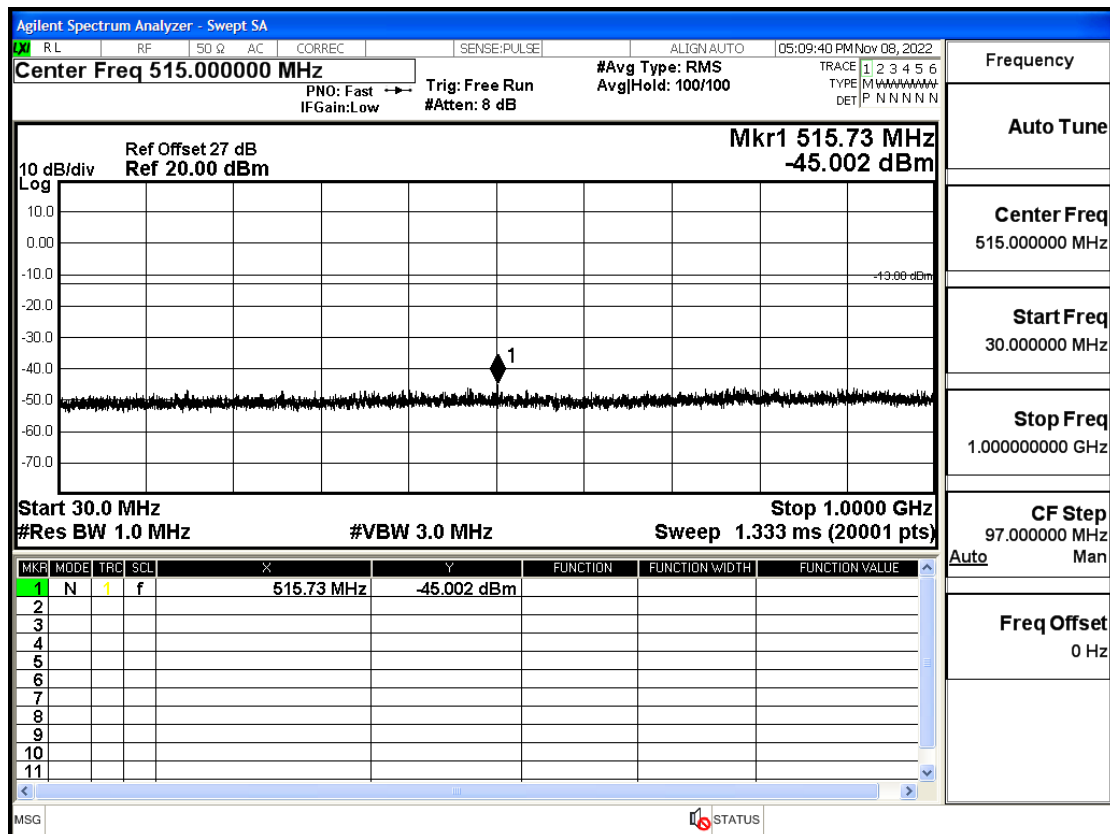
OB4-20-1720-QPSK-100#LOW@7GHz-13.6GHz@Pass



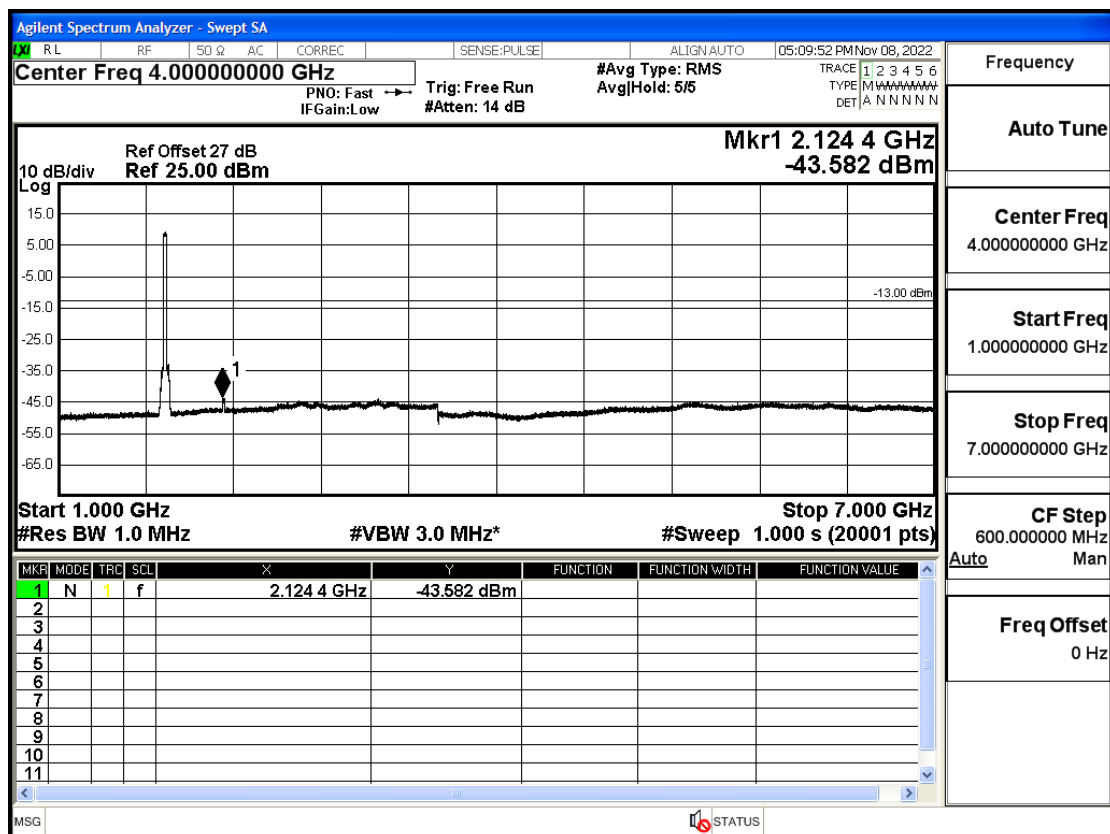
OB4-20-1720-QPSK-100#LOW@13.6GHz-20GHz@Pass



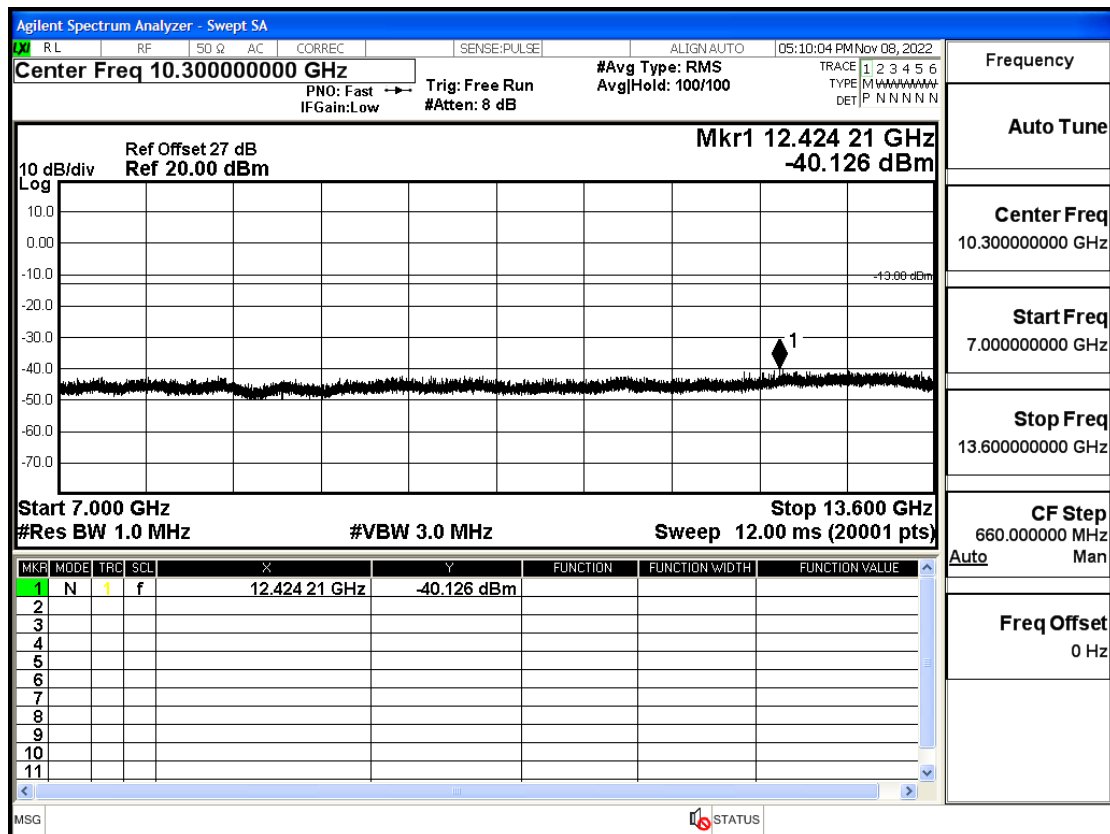
OB4-20-1732.5-QPSK-100#LOW@30MHz-1GHz@Pass



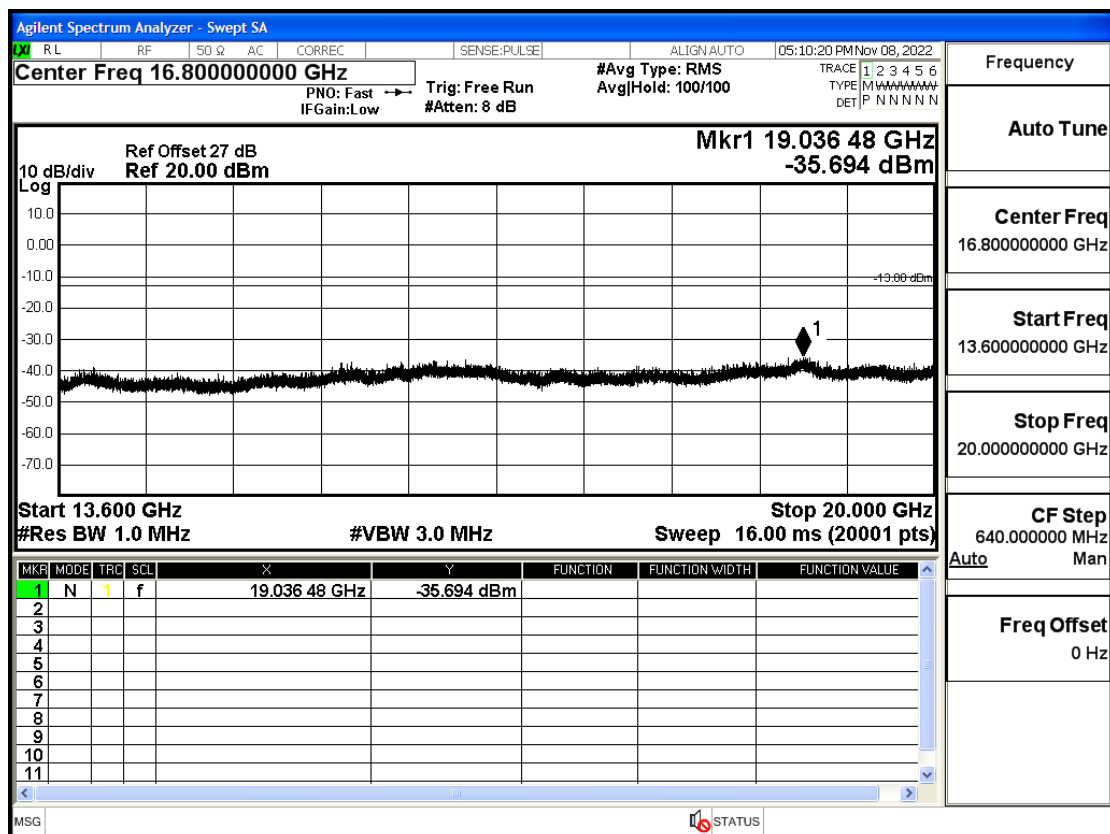
OB4-20-1732.5-QPSK-100#LOW@1GHz-7GHz@Pass



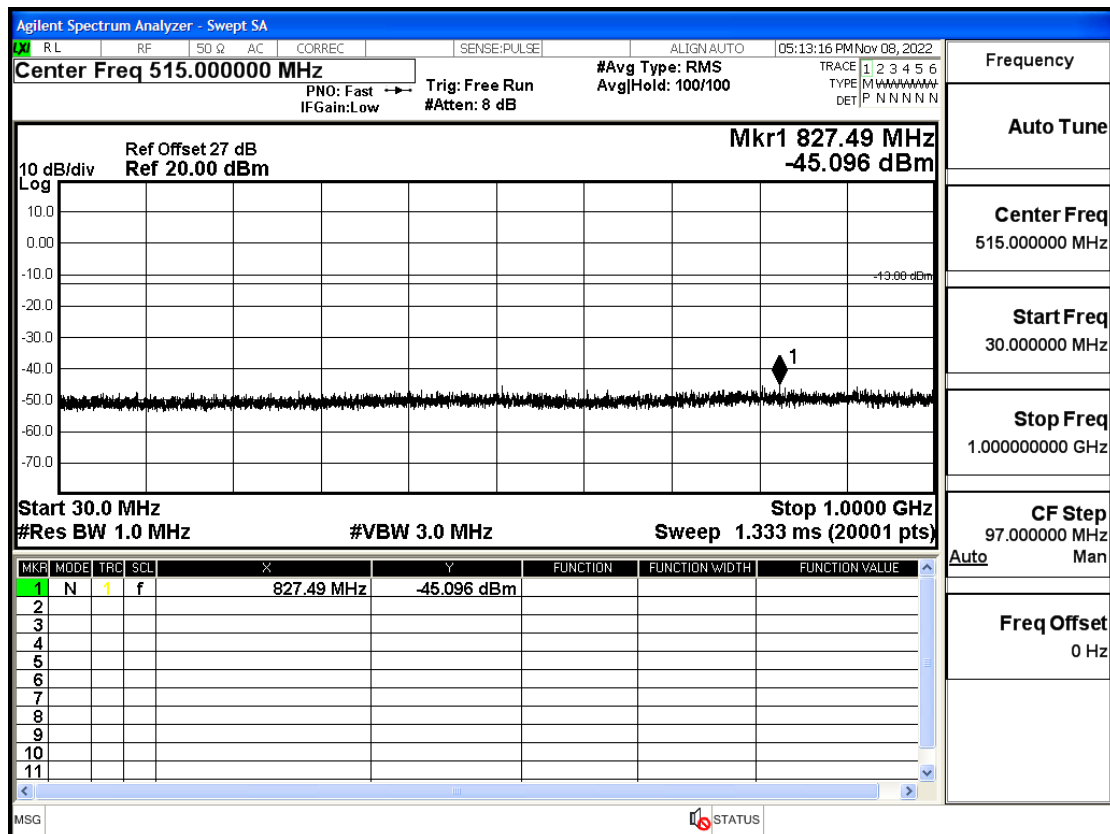
OB4-20-1732.5-QPSK-100#LOW@7GHz-13.6GHz@Pass



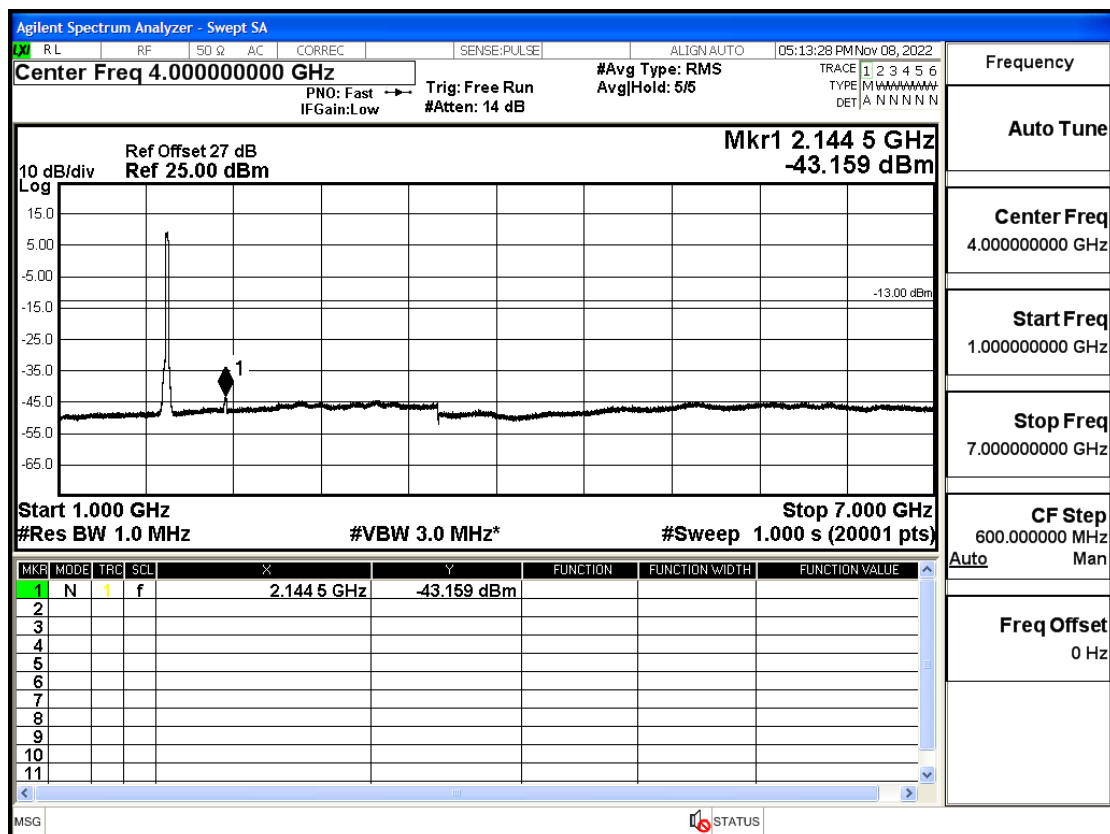
OB4-20-1732.5-QPSK-100#LOW@13.6GHz-20GHz@Pass



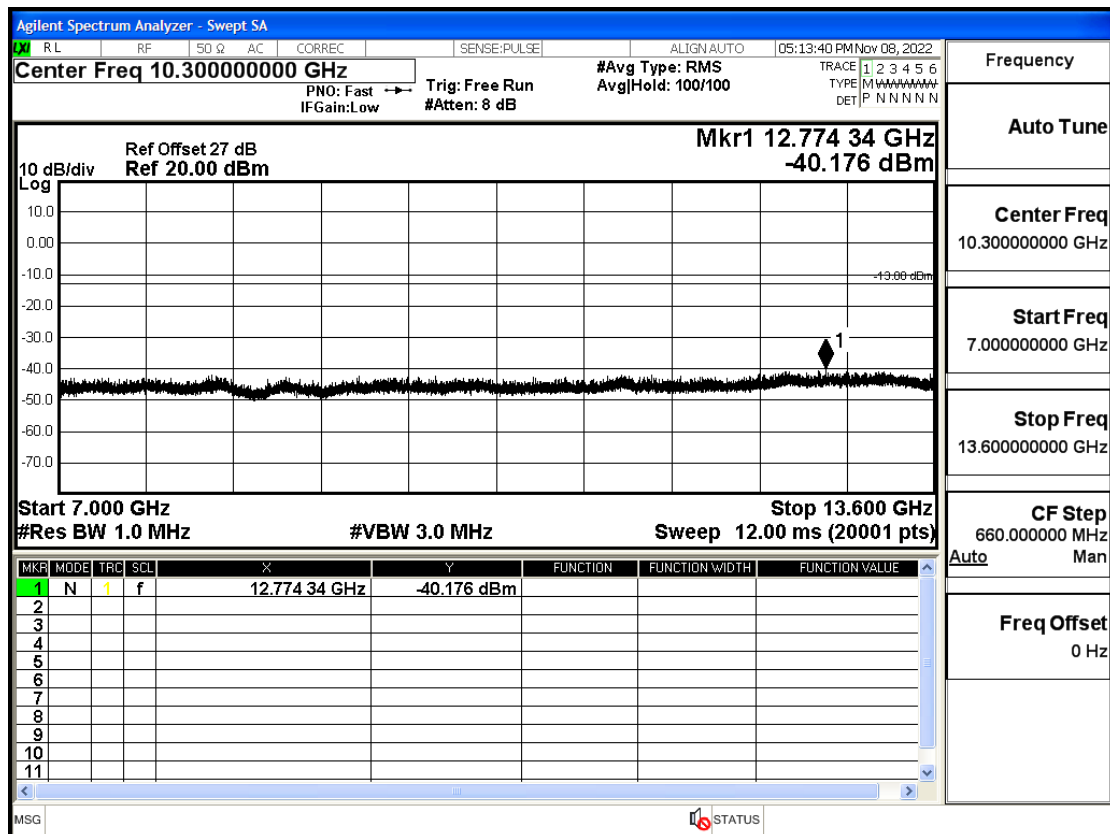
OB4-20-1745-QPSK-100#LOW@30mHz-1GHz@Pass



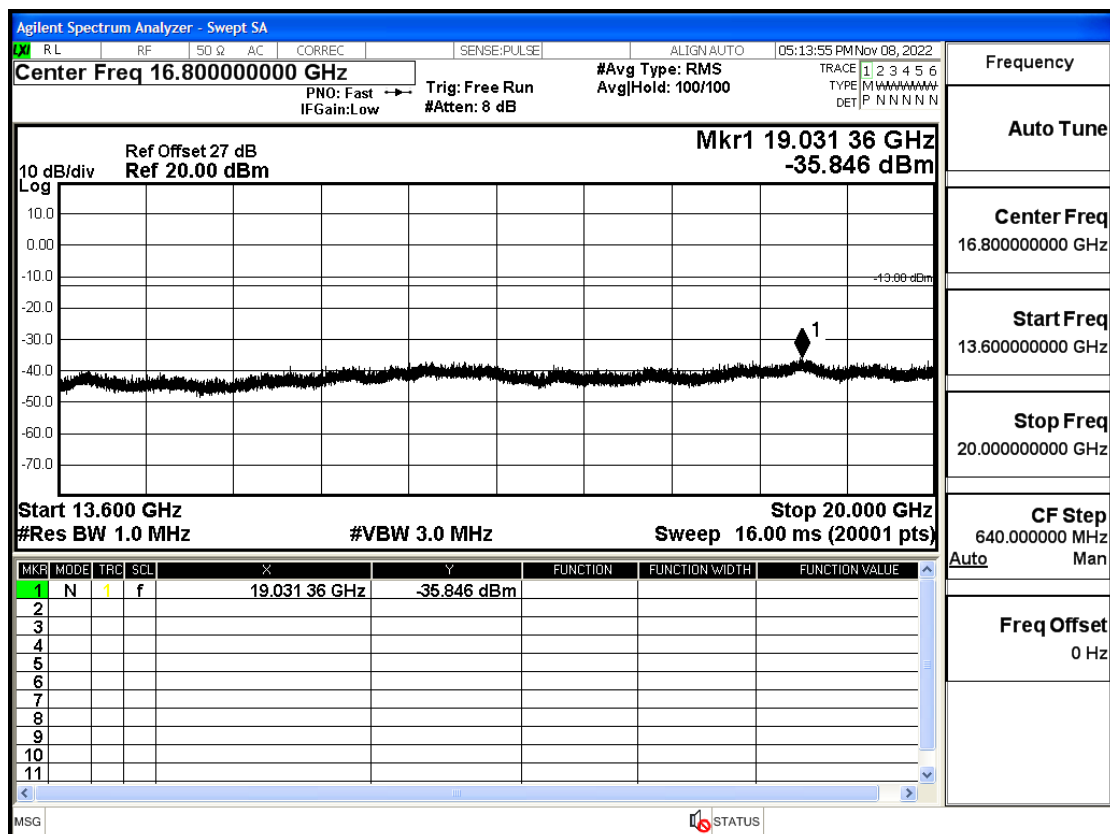
OB4-20-1745-QPSK-100#LOW@1GHz-7GHz@Pass



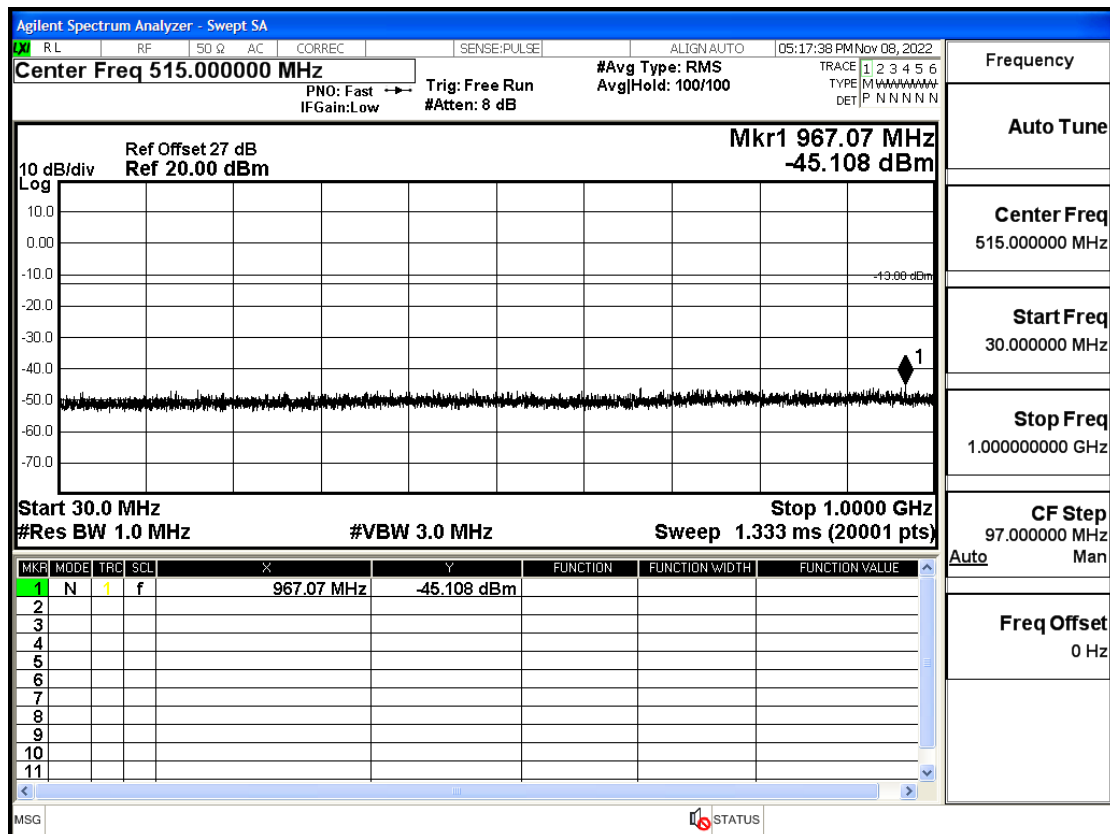
OB4-20-1745-QPSK-100#LOW@7GHz-13.6GHz@Pass



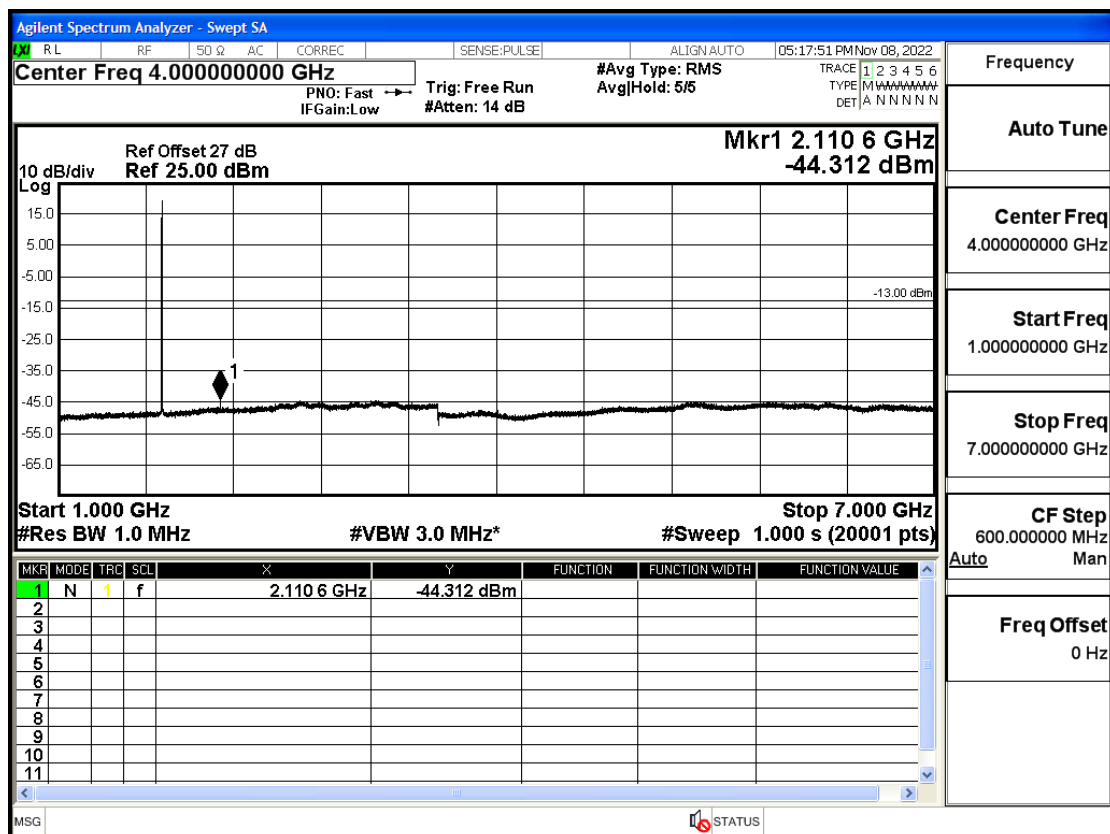
OB4-20-1745-QPSK-100#LOW@13.6GHz-20GHz@Pass



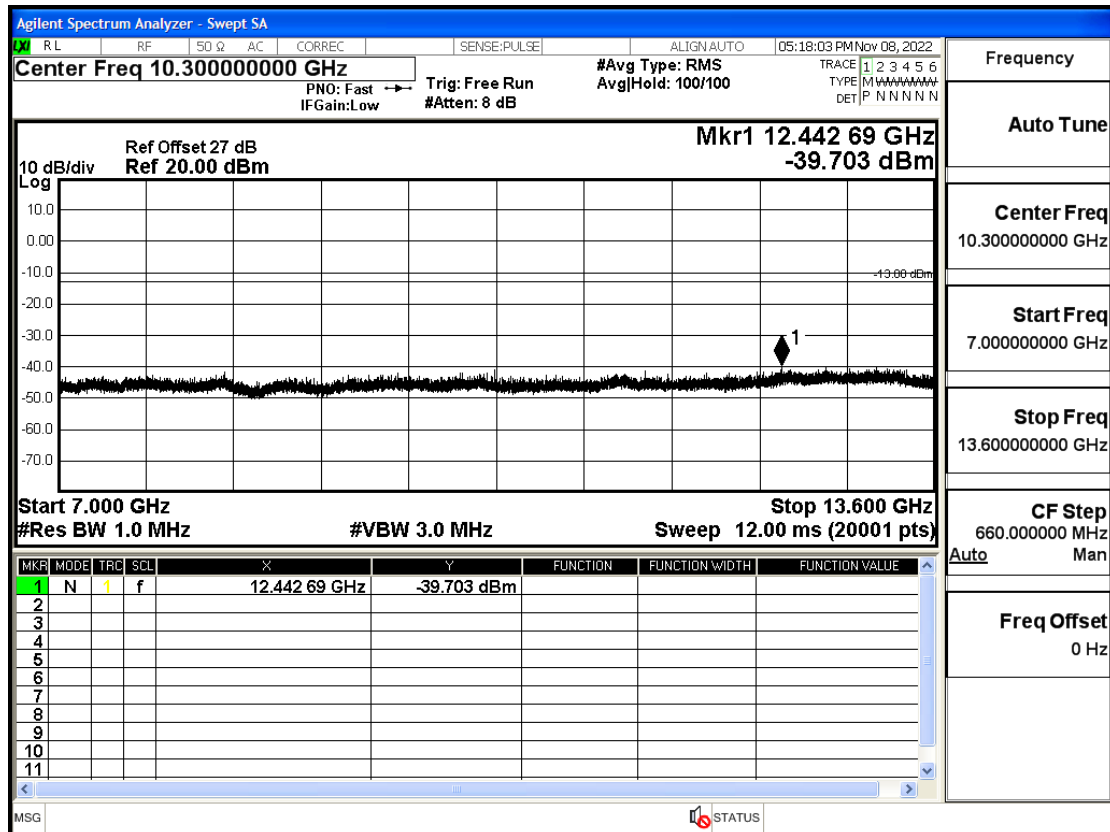
OB4-1.4-1710.7-Q16-6#LOW@30mHz-1GHz@Pass



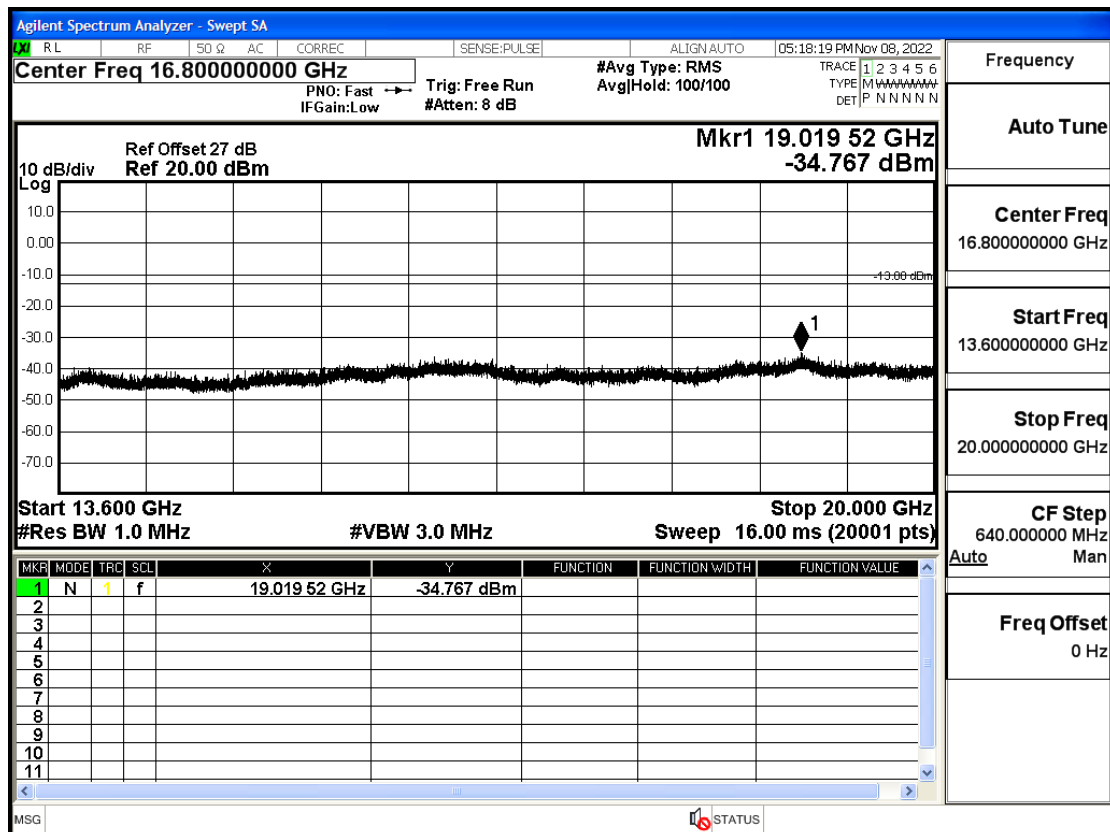
OB4-1.4-1710.7-Q16-6#LOW@1GHz-7GHz@Pass



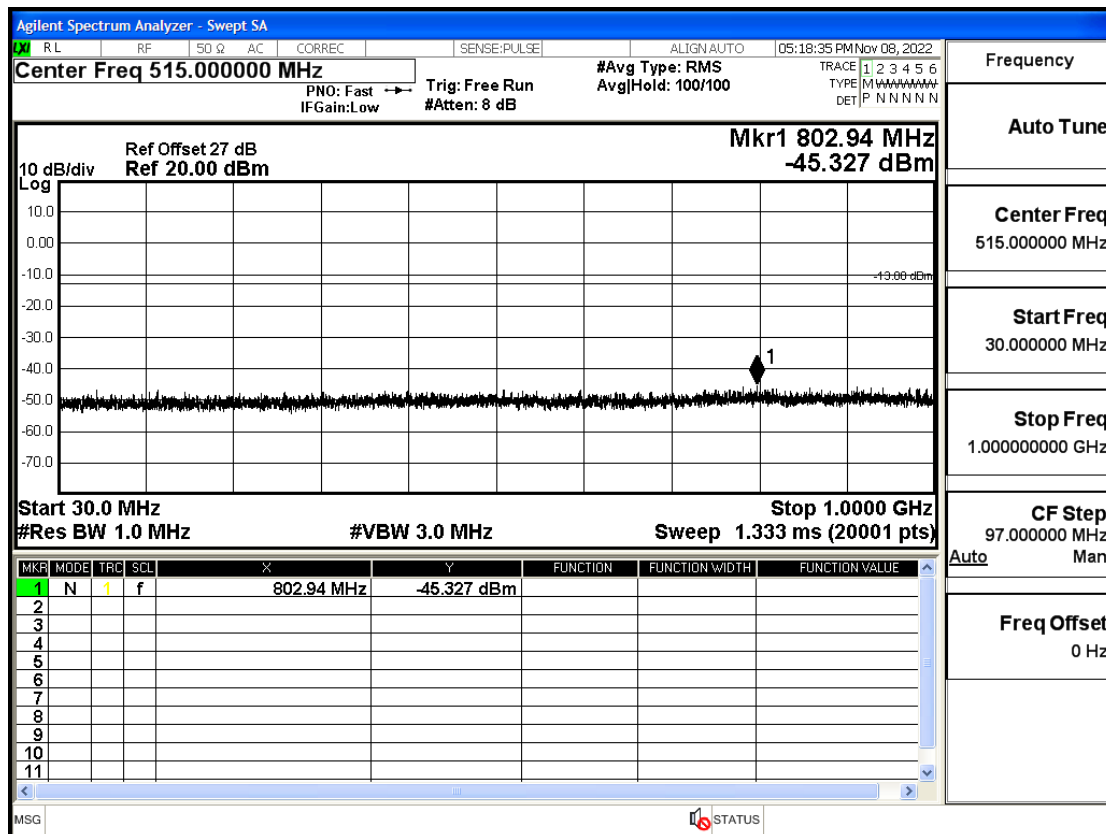
OB4-1.4-1710.7-Q16-6#LOW@7GHz-13.6GHz@Pass



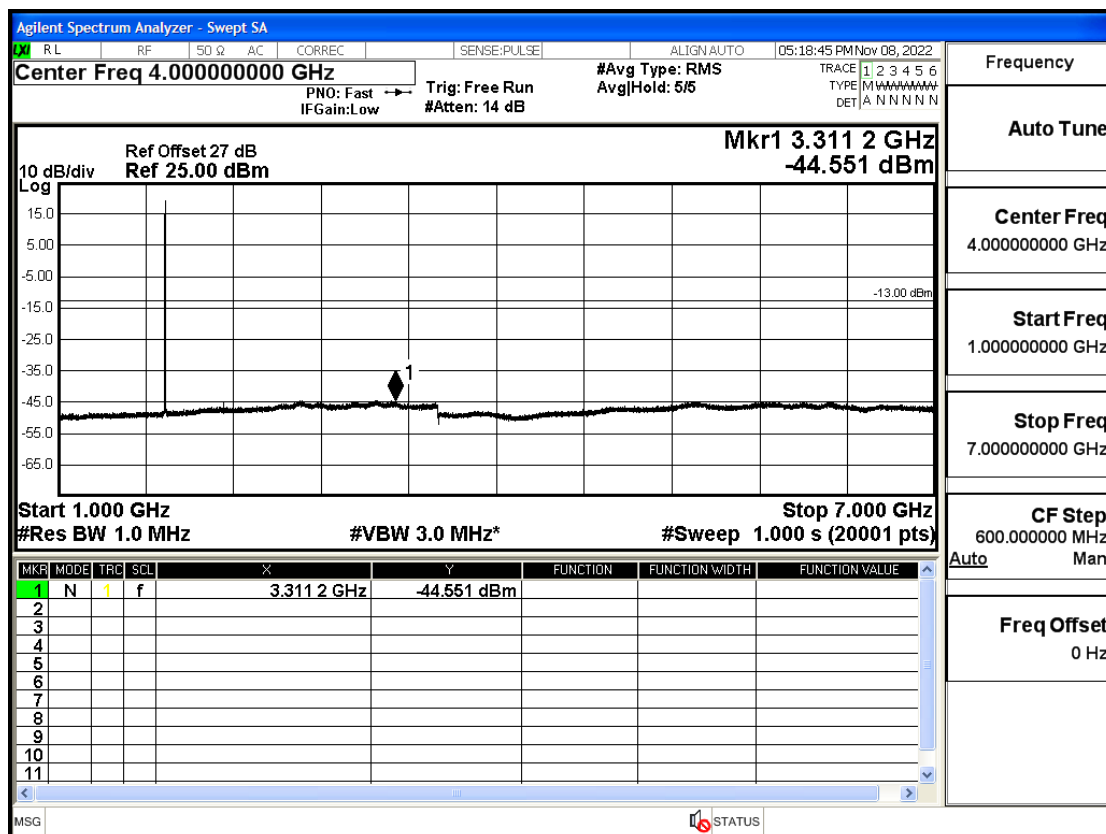
OB4-1.4-1710.7-Q16-6#LOW@13.6GHz-20GHz@Pass



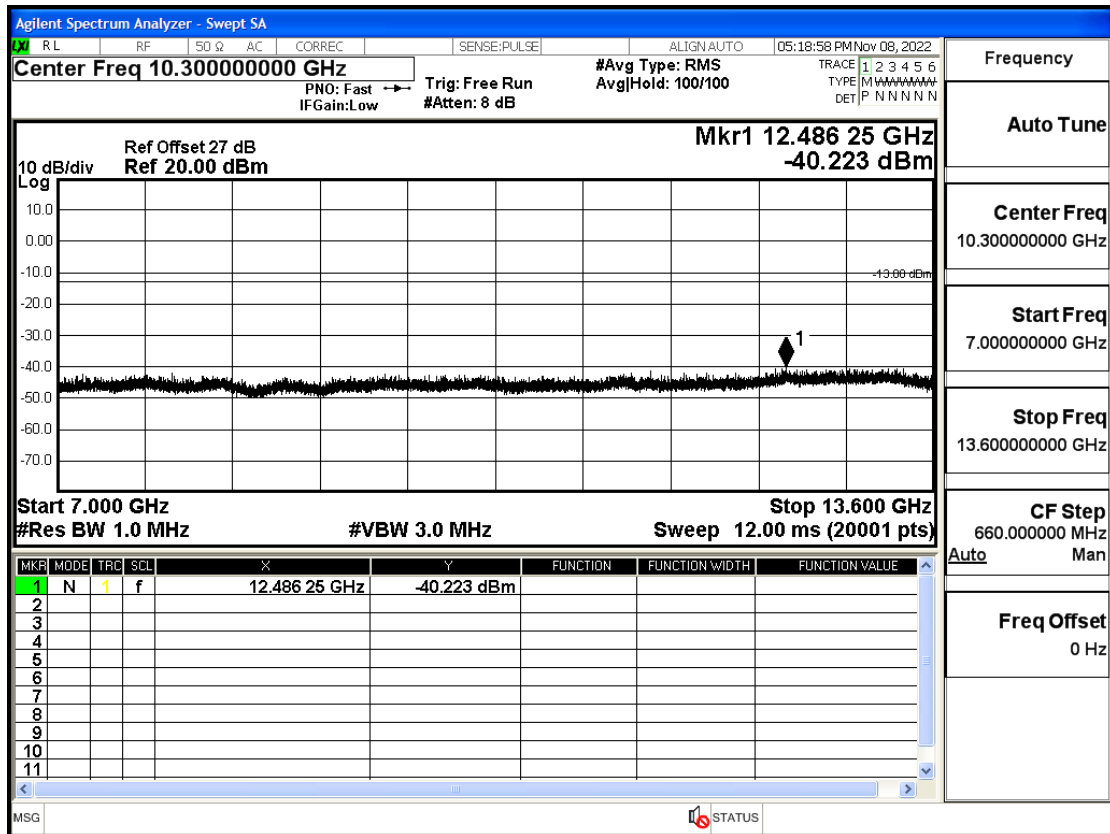
OB4-1.4-1732.5-Q16-6#LOW@30mHz-1GHz@Pass



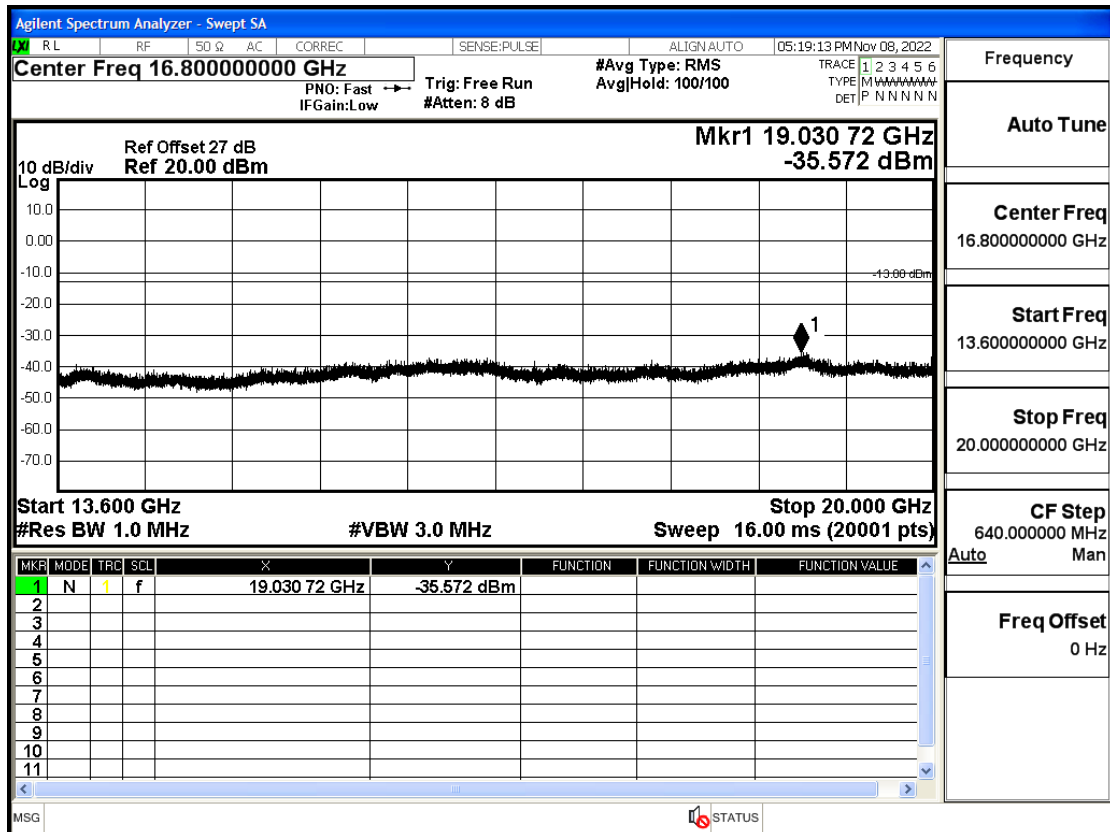
OB4-1.4-1732.5-Q16-6#LOW@1GHz-7GHz@Pass



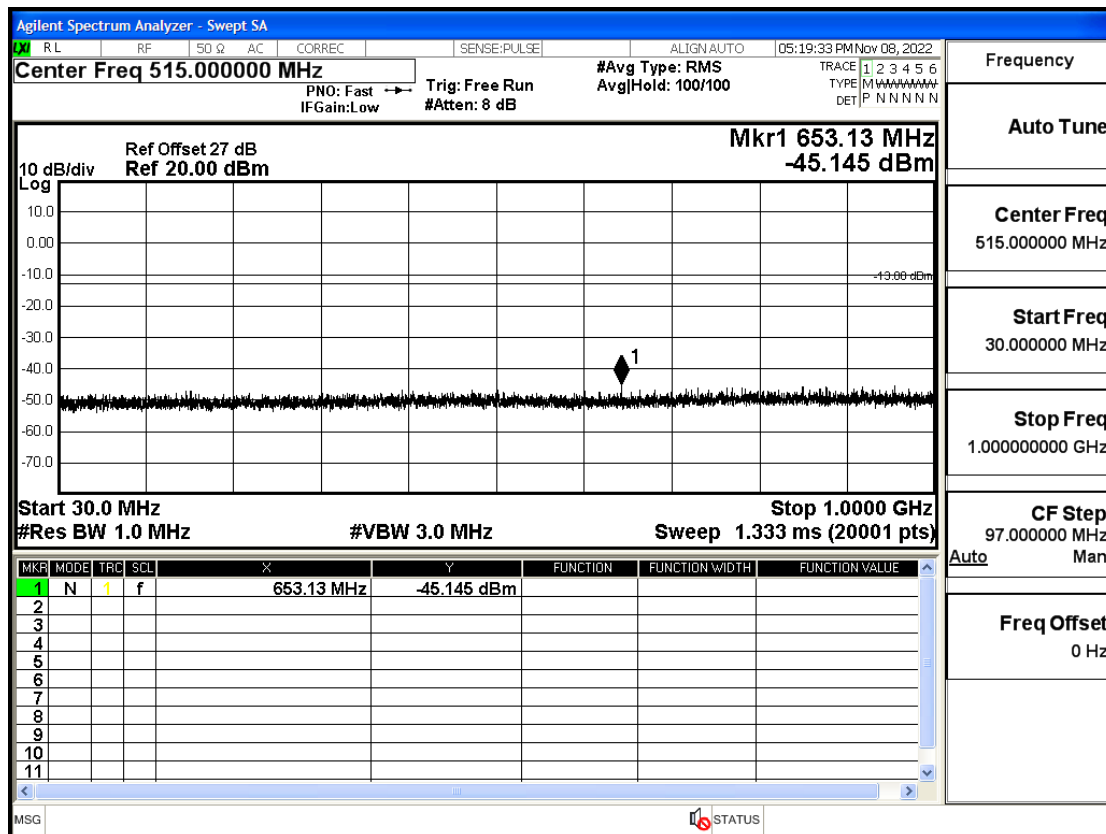
OB4-1.4-1732.5-Q16-6#LOW@7GHz-13.6GHz@Pass



OB4-1.4-1732.5-Q16-6#LOW@13.6GHz-20GHz@Pass



OB4-1.4-1754.3-Q16-6#LOW@30mHz-1GHz@Pass



OB4-1.4-1754.3-Q16-6#LOW@1GHz-7GHz@Pass

