

Appendix Test Data(Conducted) for LTE Band4

Product Name: FH Emergency Medical Device - V1-4G

Trade Mark: FastHelp

Test Model: FH-V1-4G

FCC ID: 2AJG4-FH-V1-4G

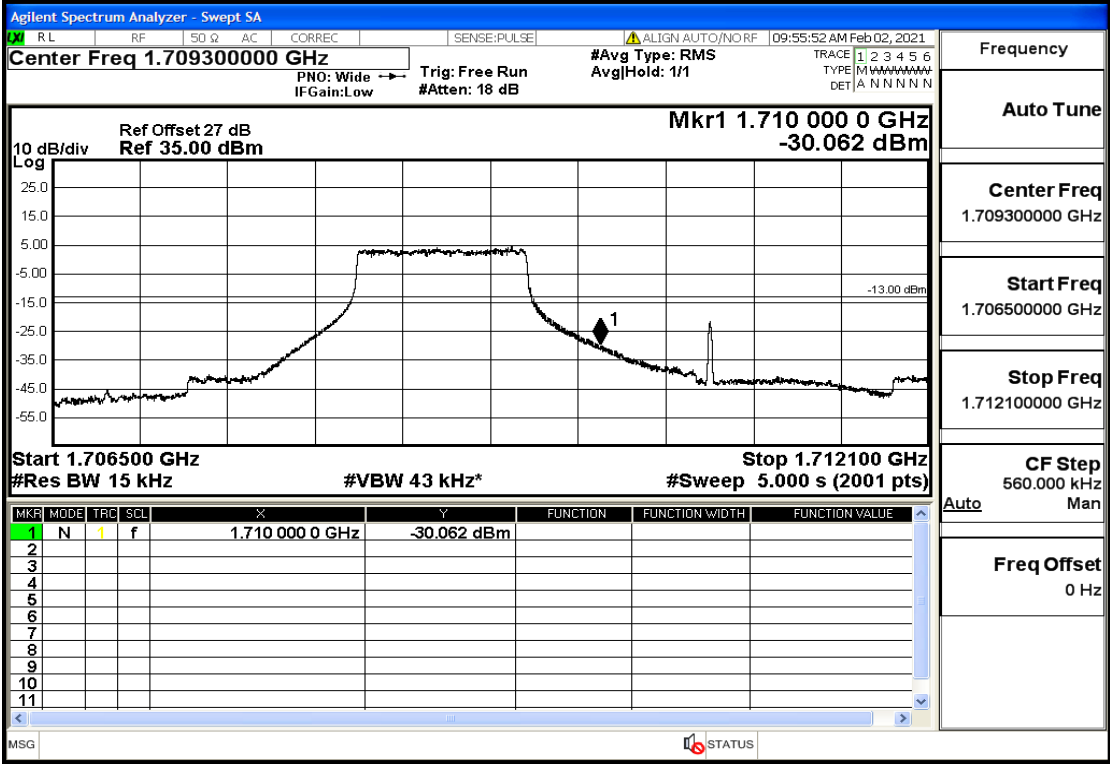
Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	For Band 4

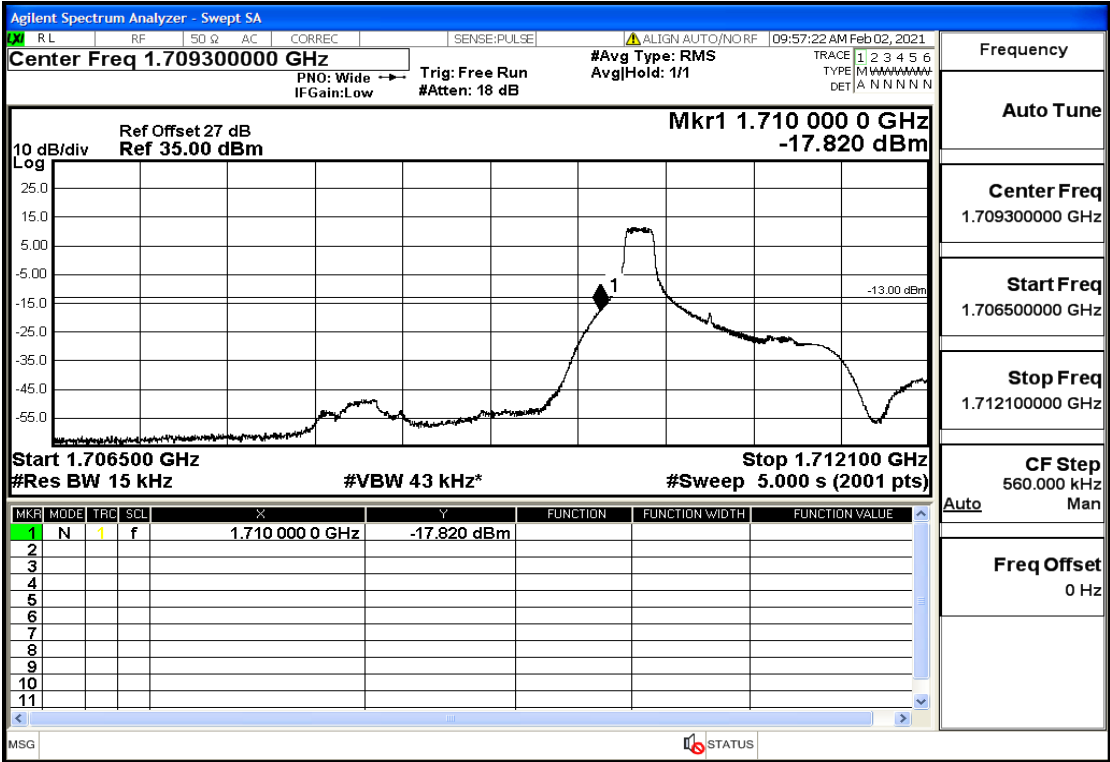
Band Edge and Emission Mask

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

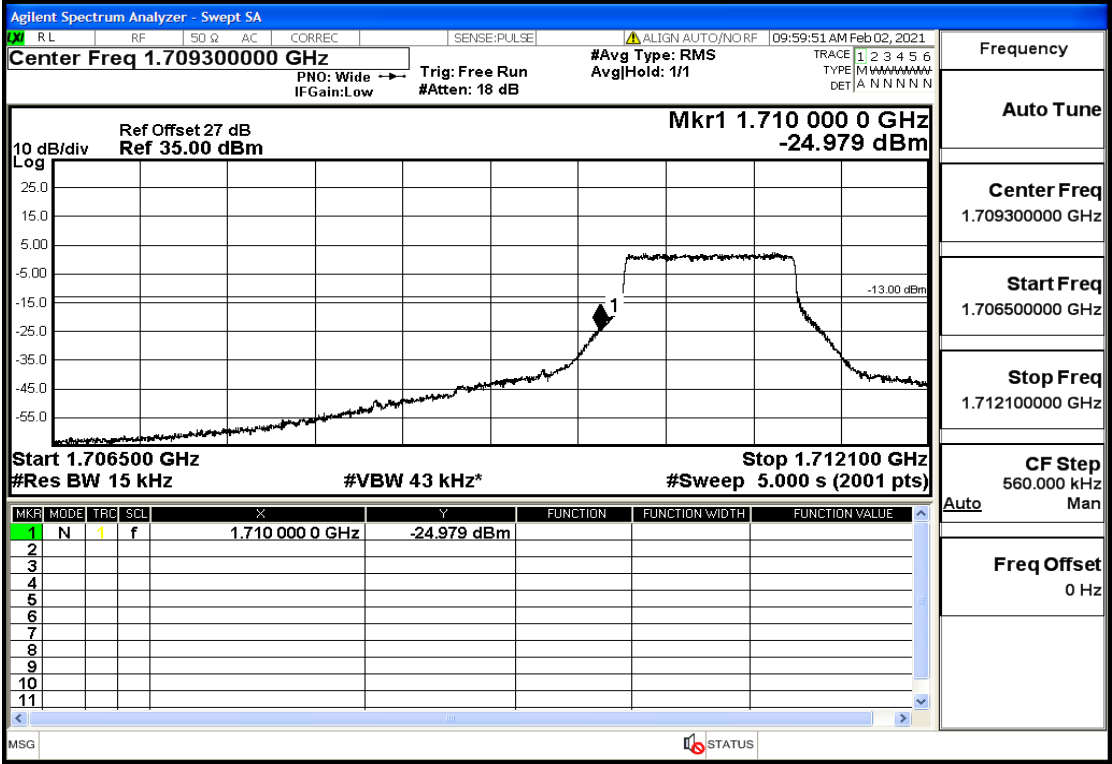
Band4-1.4-1710.7-QPSK-6#LOW@Pass



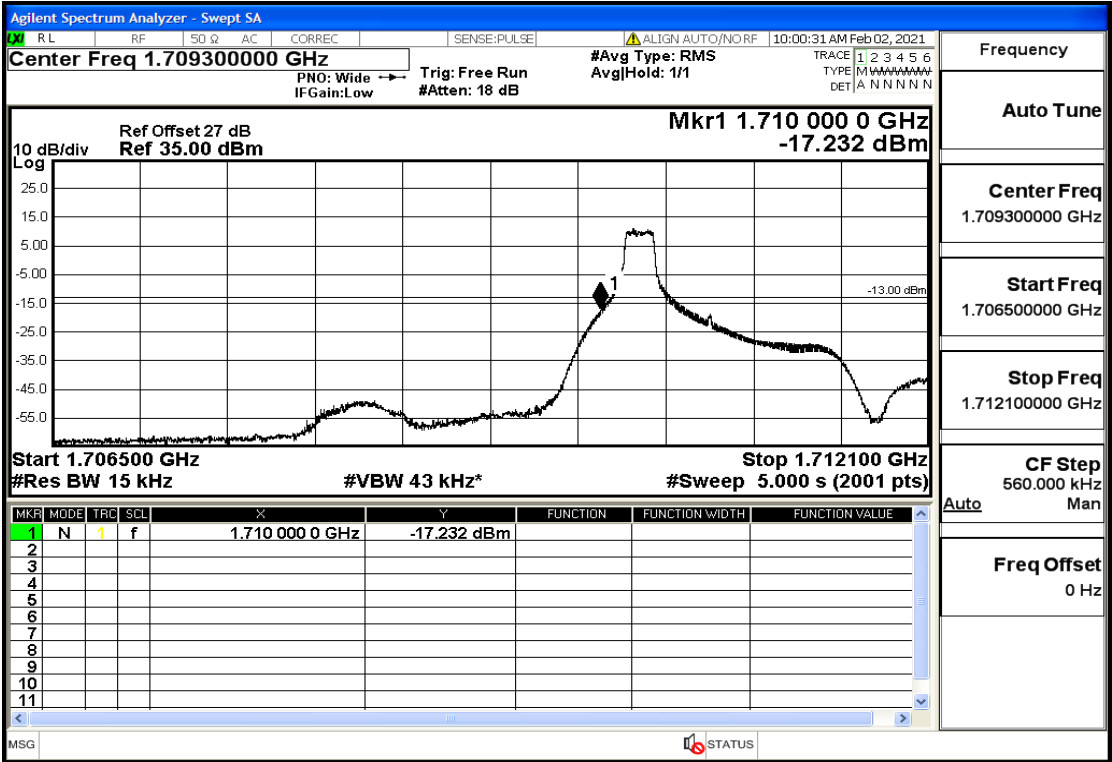
Band4-1.4-1710.7-QPSK-1#LOW@Pass



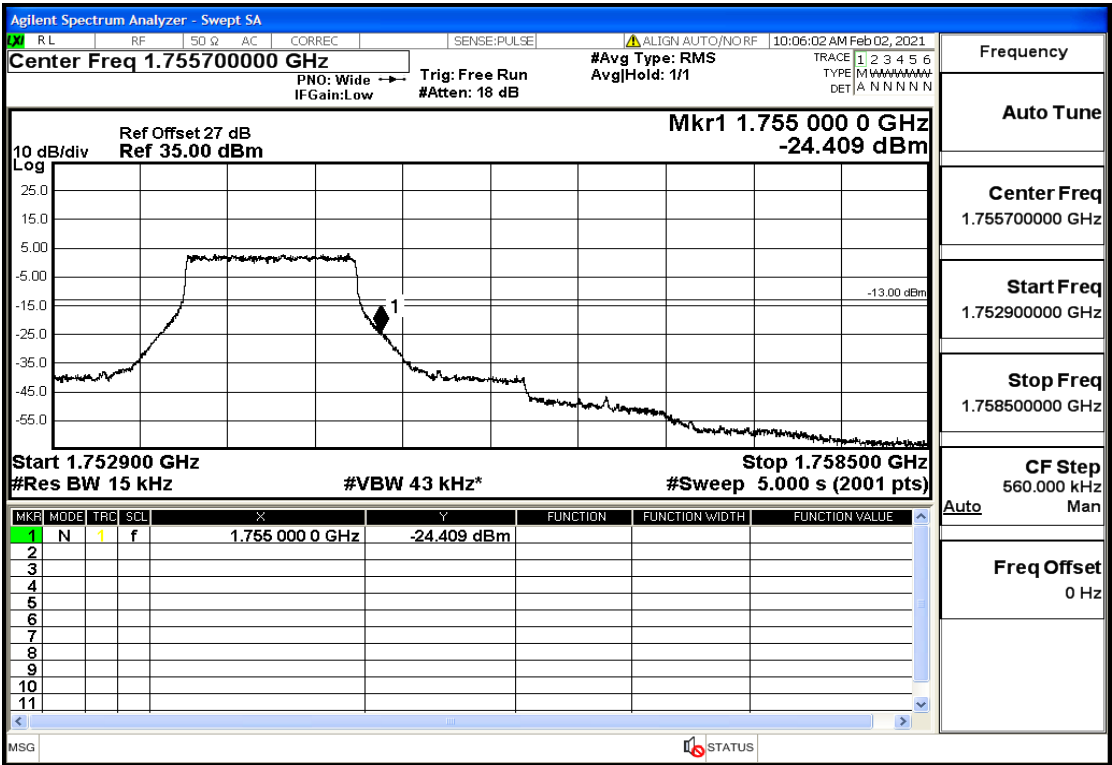
Band4-1.4-1710.7-16QAM-6#LOW@Pass



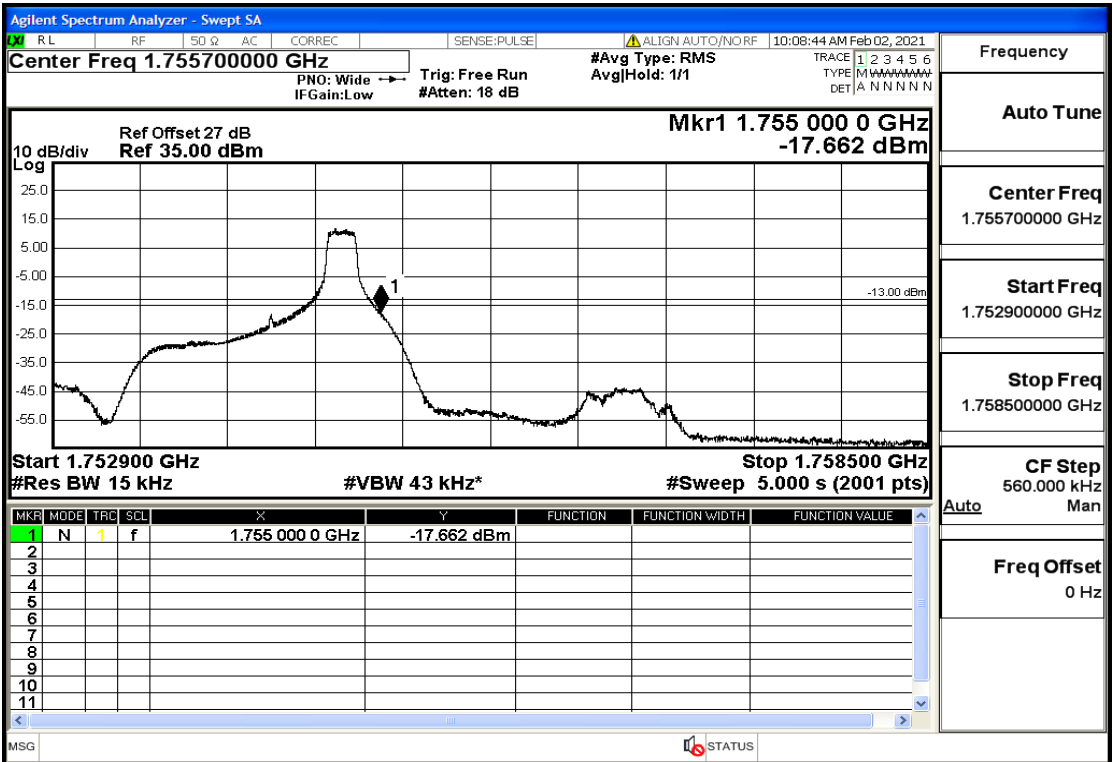
Band4-1.4-1710.7-16QAM-1#LOW@Pass



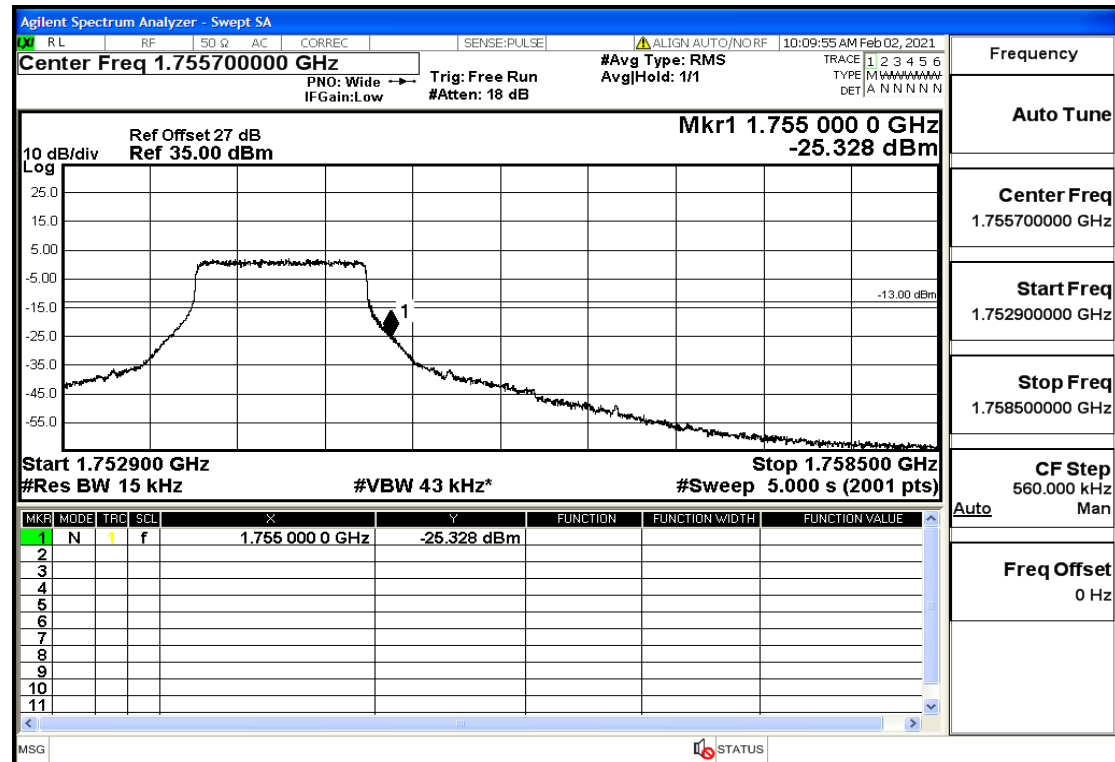
Band4-1.4-1754.3-QPSK-6#LOW@Pass



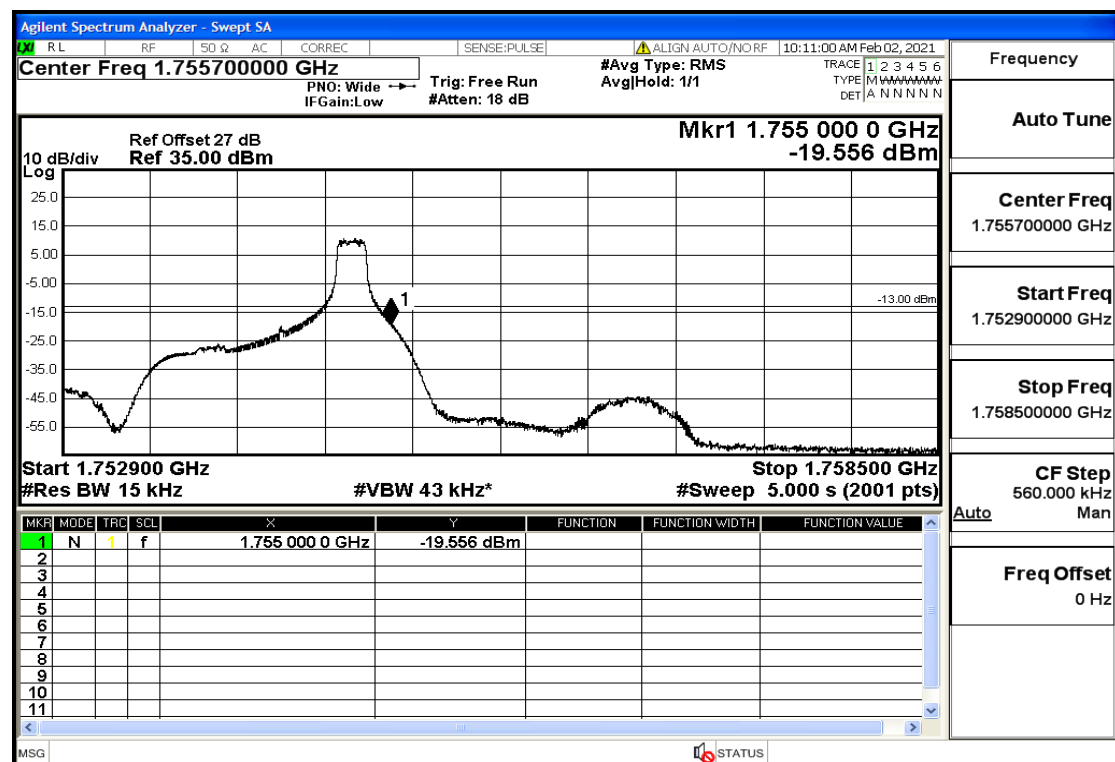
Band4-1.4-1754.3-QPSK-1#HIGH@Pass



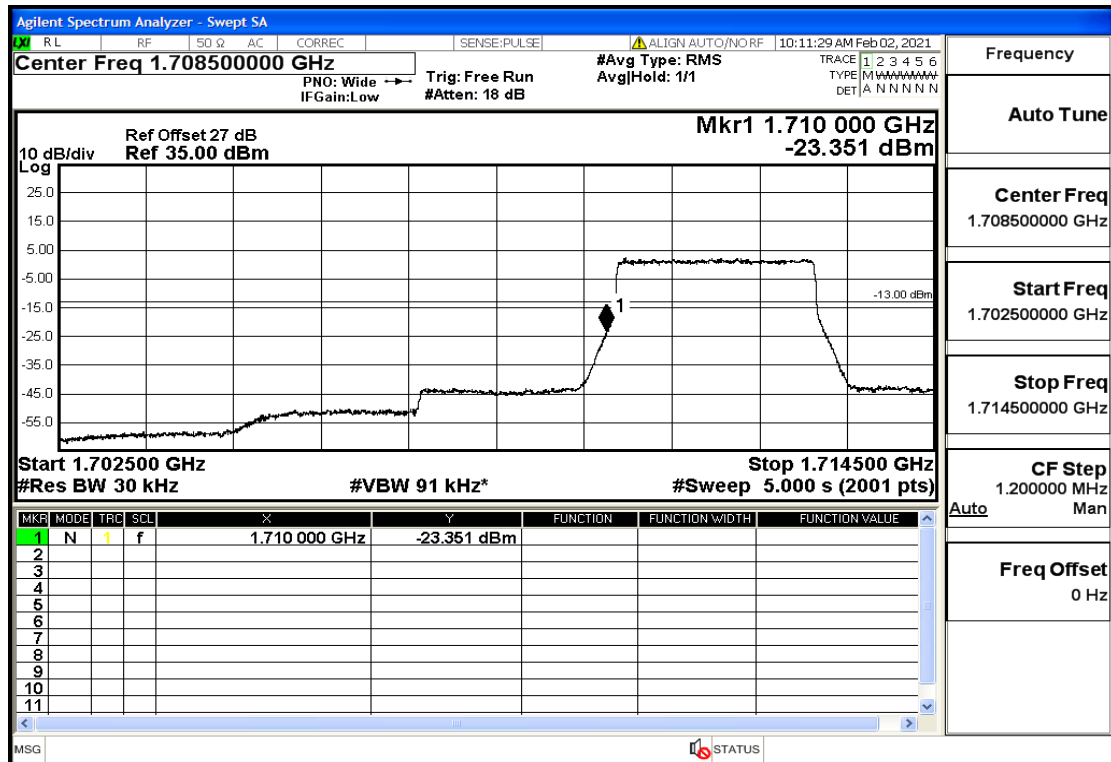
Band4-1.4-1754.3-16QAM-6#LOW@Pass



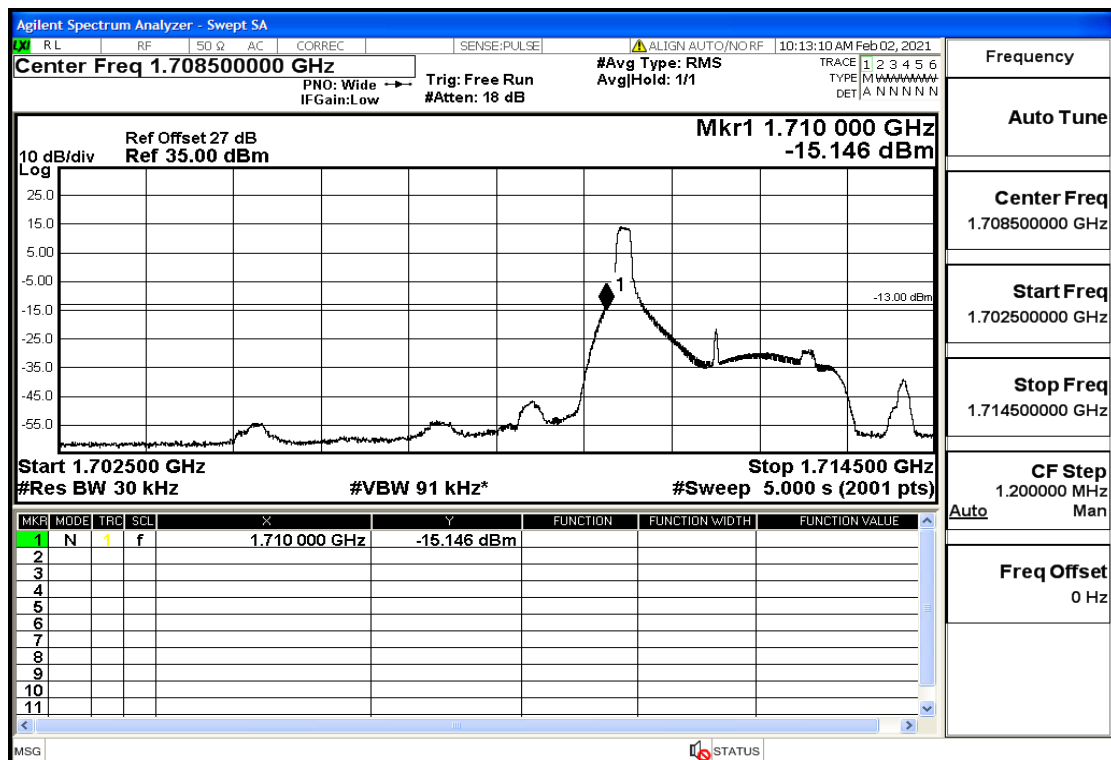
Band4-1.4-1754.3-16QAM-1#HIGH@Pass



Band4-3-1711.5-QPSK-15#LOW@Pass



Band4-3-1711.5-QPSK-1#LOW@Pass



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE/PULSE ALIGN AUTO/NORF 10:15:33 AM Feb 02, 2021

Center Freq 1.708500000 GHz PNO: Wide → Trig: Free Run #Atten: 18 dB
IFGain:Low

#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 1.710 000 GHz -24.267 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	f	f	1.710 000 GHz	-24.267 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

XI RL	RF	50 Ω AC	CORREC	SENSE:PULSE	ALIGN AUTO/NORM	10:16:26 AM Feb 02, 2021
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Center Freq 1.708500000 GHz

PNO: Wide → Trig: Free Run
IFGain:Low #Atten: 18 dB

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

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

The spectrum plot displays frequency from approximately 1.7025 GHz to 1.7145 GHz. The vertical axis shows power density in Log scale from -55.0 dBm/div to 25.0 dBm/div. A prominent peak is visible at 1.710 GHz, labeled with a marker '1' indicating its center frequency and another label '-14.661 dBm' indicating its amplitude.

Mkr1 1.710 000 GHz
-14.661 dBm

Ref Offset 27 dB
Ref 35.00 dBm

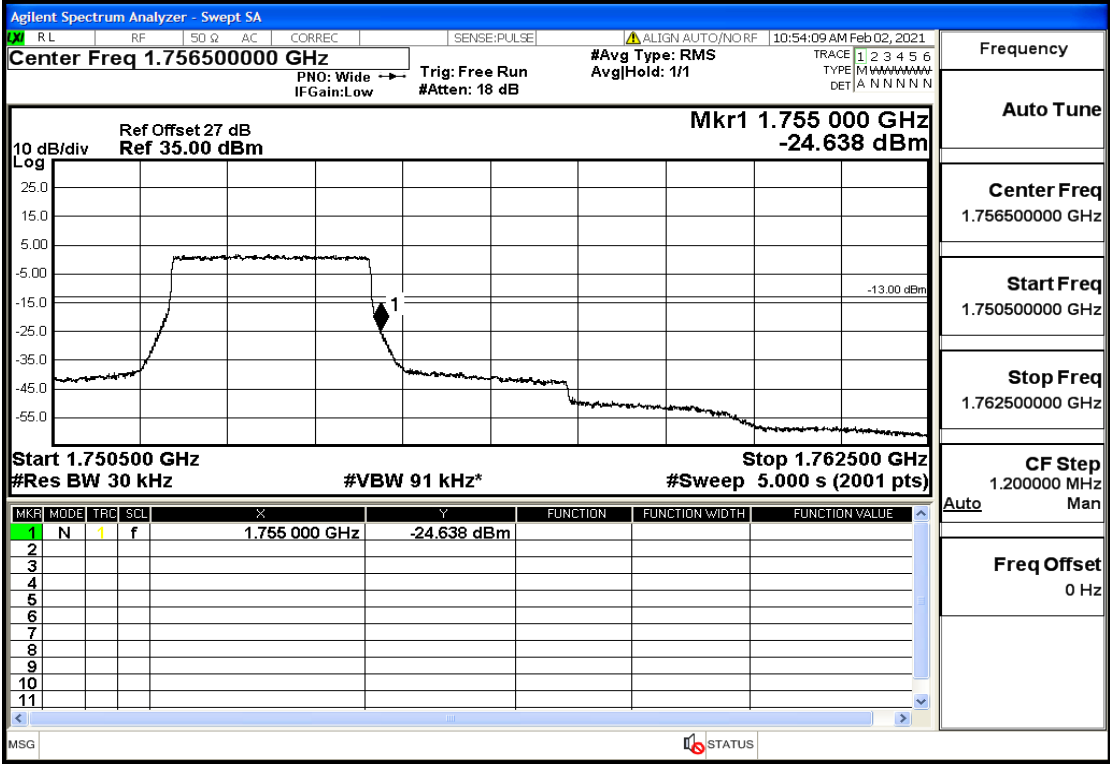
Start 1.702500 GHz Stop 1.714500 GHz
#Res BW 30 kHz #VBW 91 kHz* #Sweep 5.000 s (2001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	f	1.710 000 GHz	-14.661 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

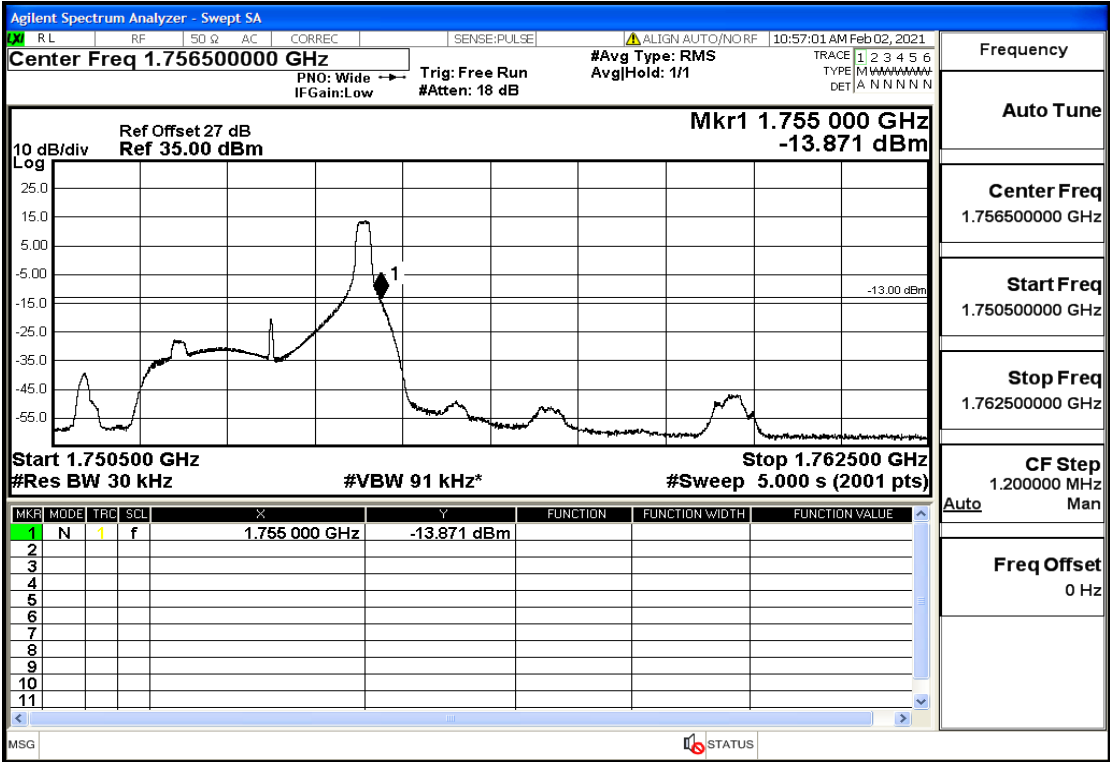
Auto Tune

Freq Offset
0 Hz

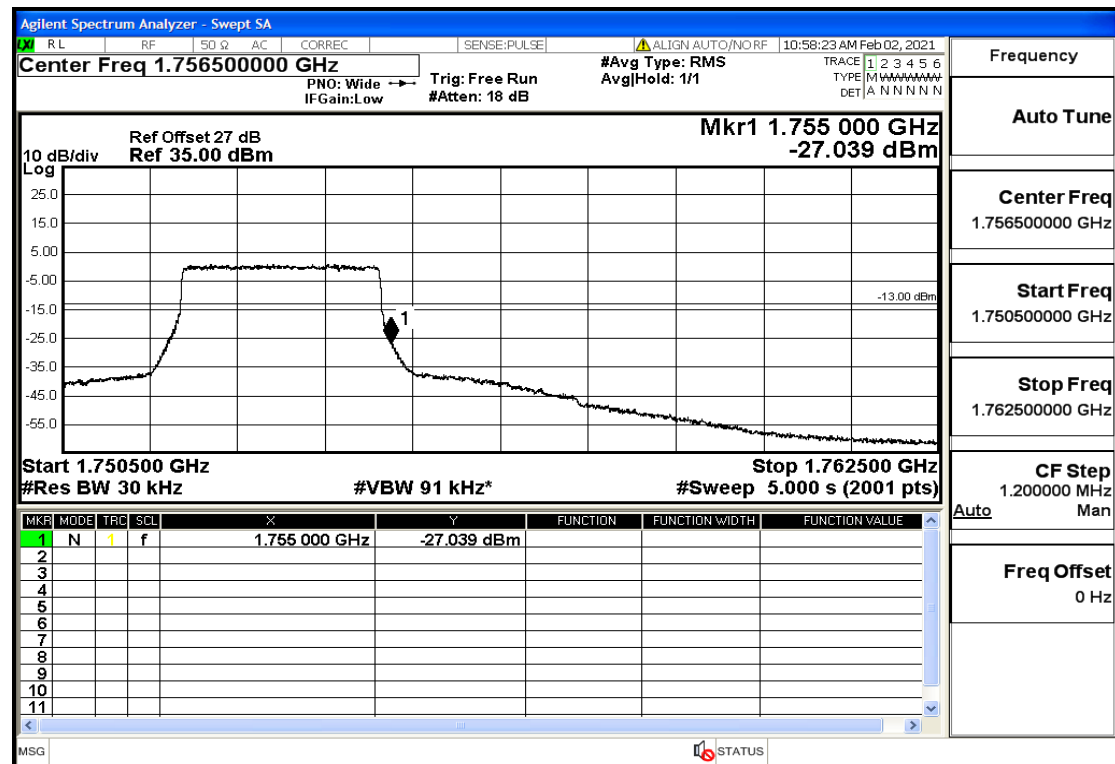
Band4-3-1753.5-QPSK-15#LOW@Pass



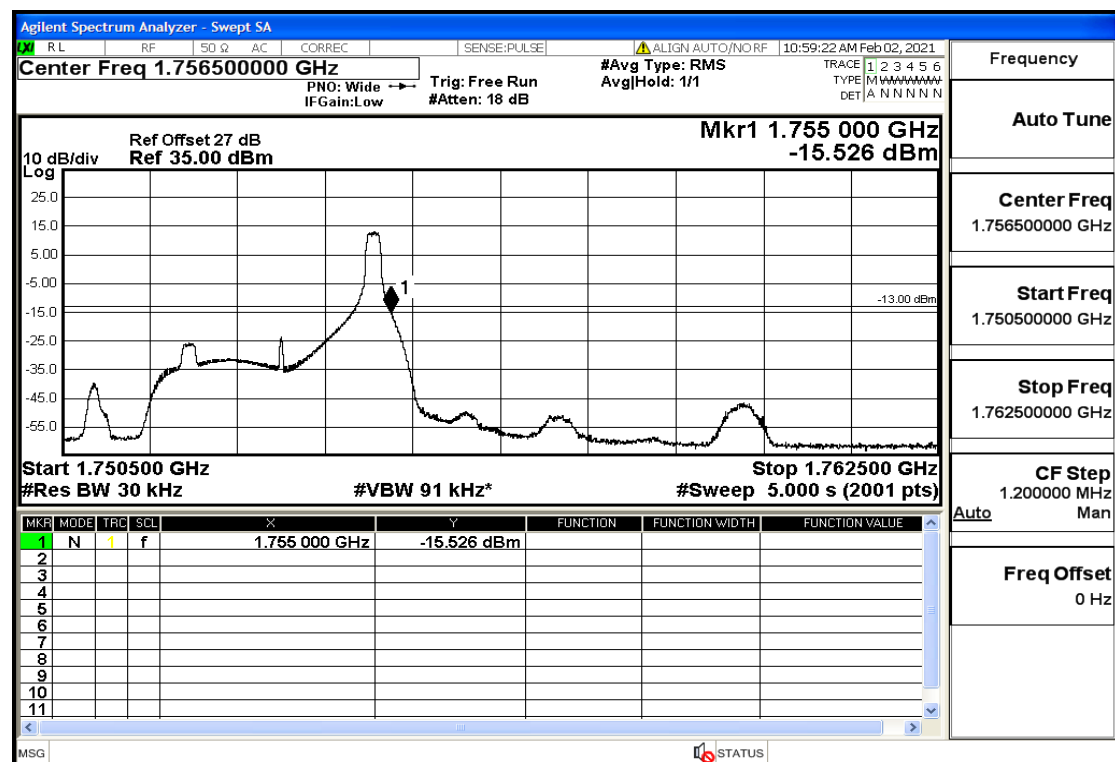
Band4-3-1753.5-QPSK-1#HIGH@Pass



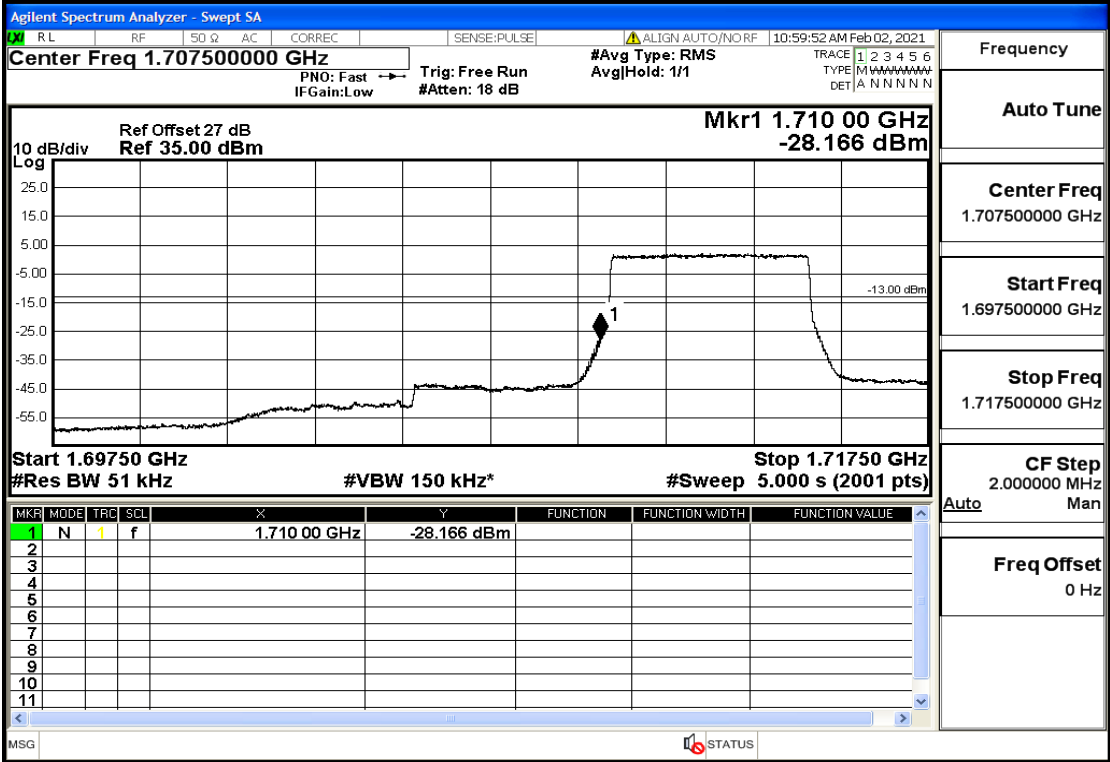
Band4-3-1753.5-16QAM-15#LOW@Pass



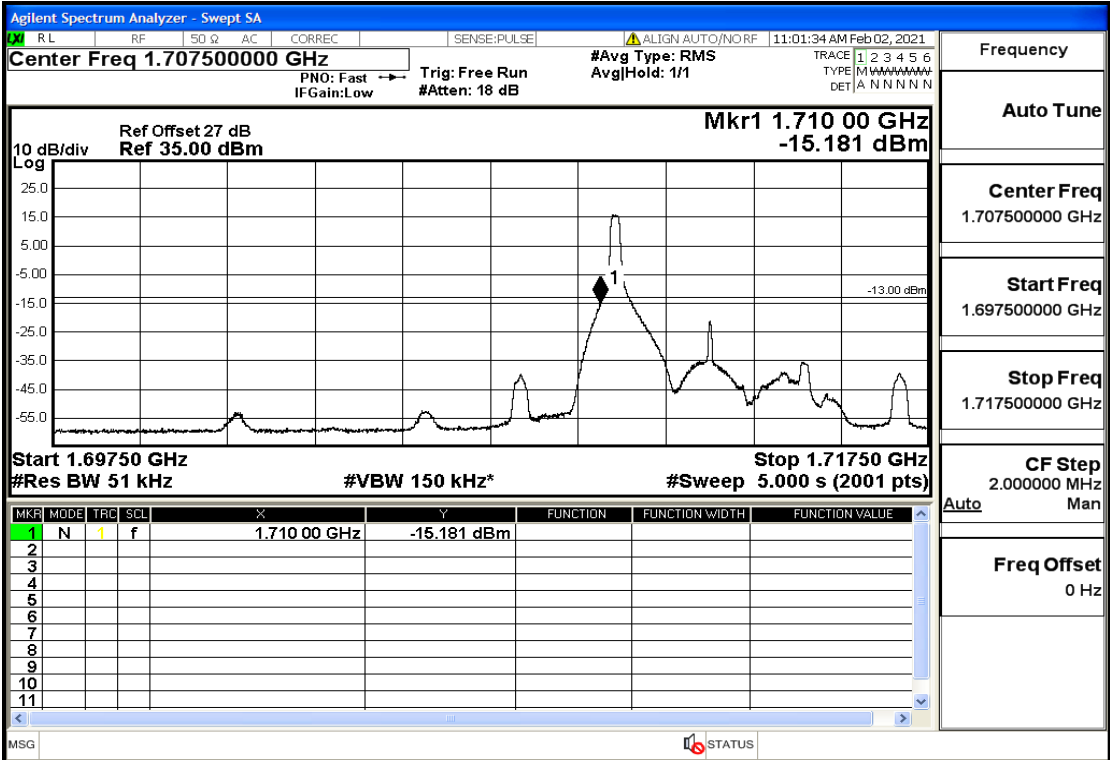
Band4-3-1753.5-16QAM-1#HIGH@Pass



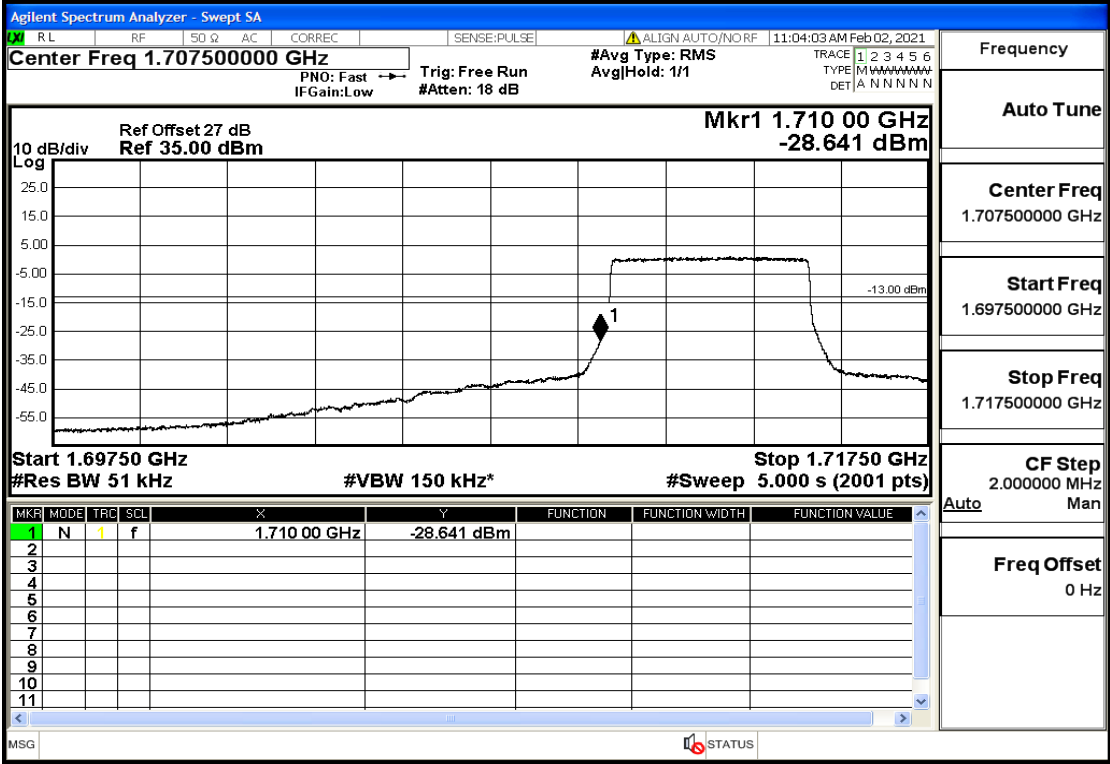
Band4-5-1712.5-QPSK-25#LOW@Pass



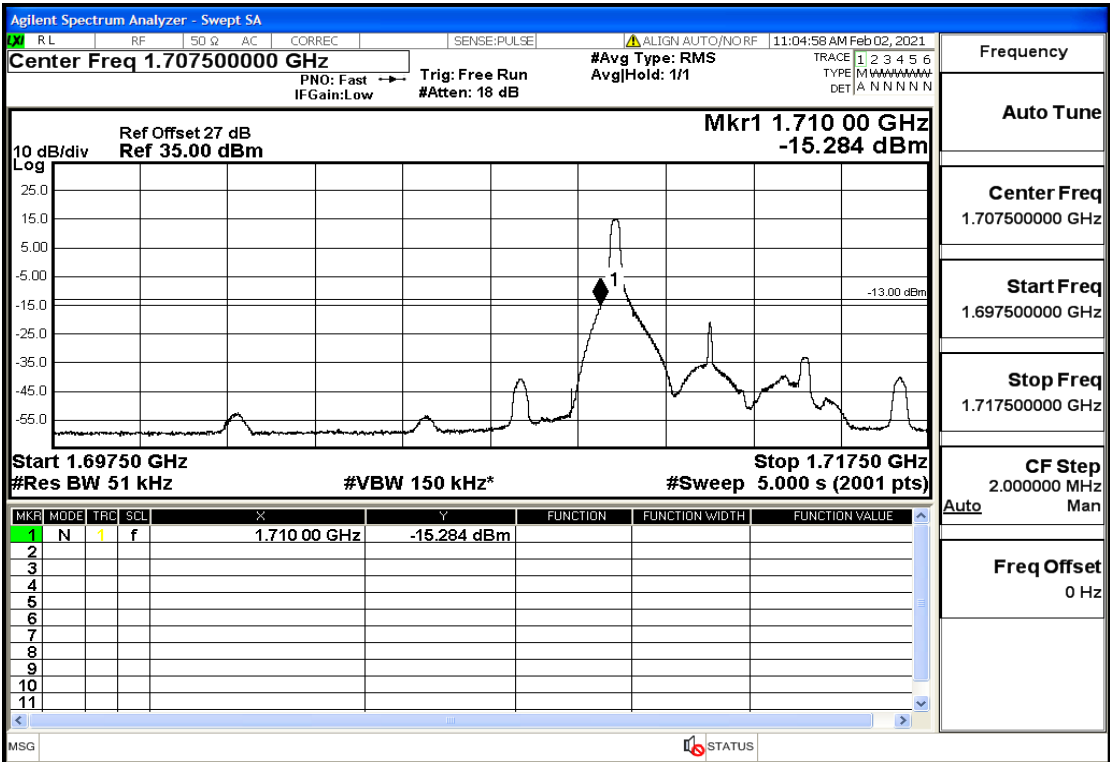
Band4-5-1712.5-QPSK-1#LOW@Pass



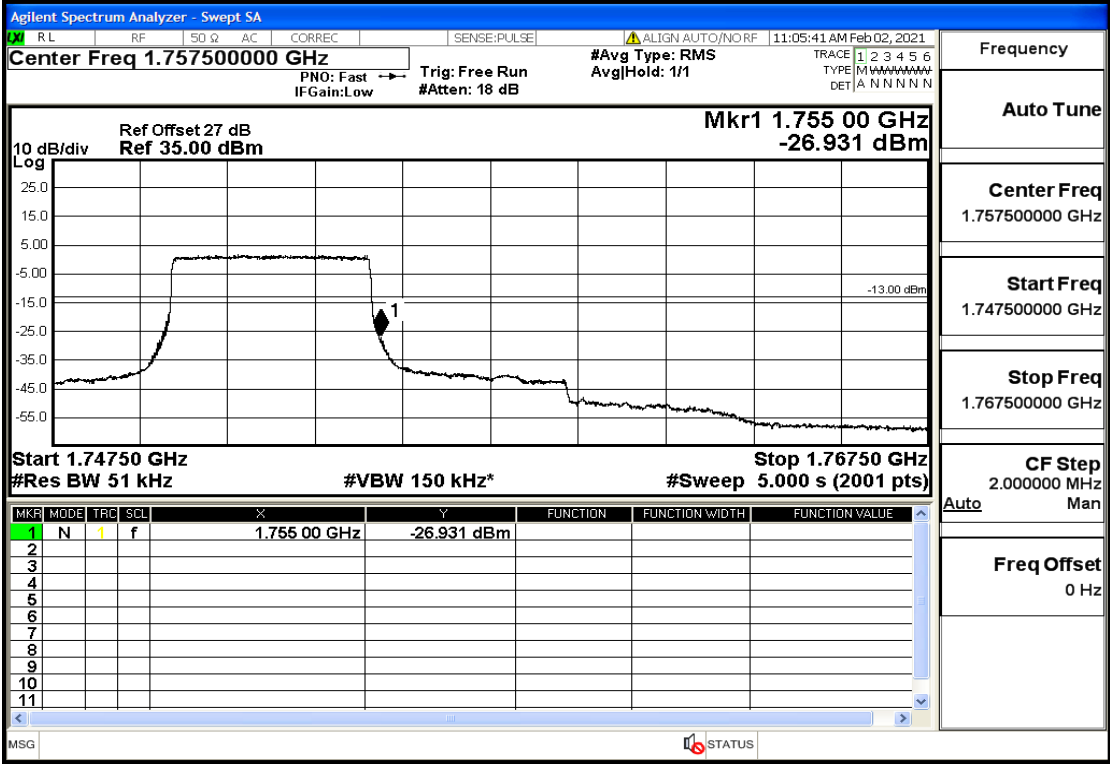
Band4-5-1712.5-16QAM-25#LOW@Pass



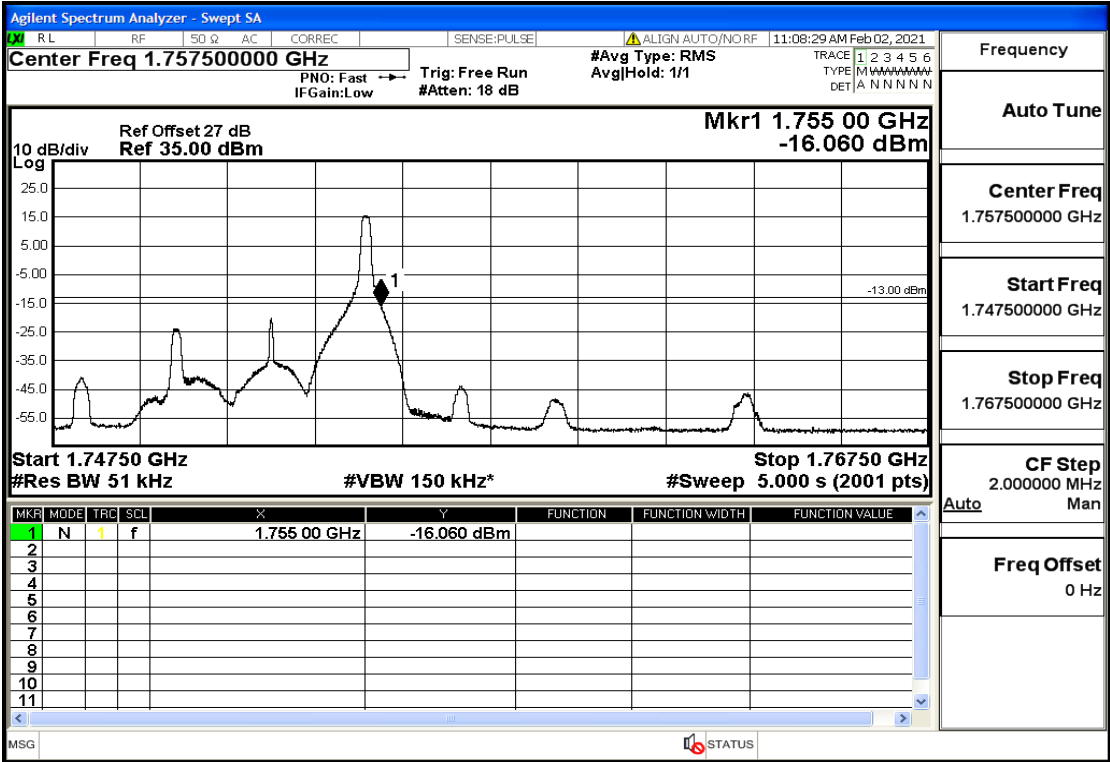
Band4-5-1712.5-16QAM-1#LOW@Pass



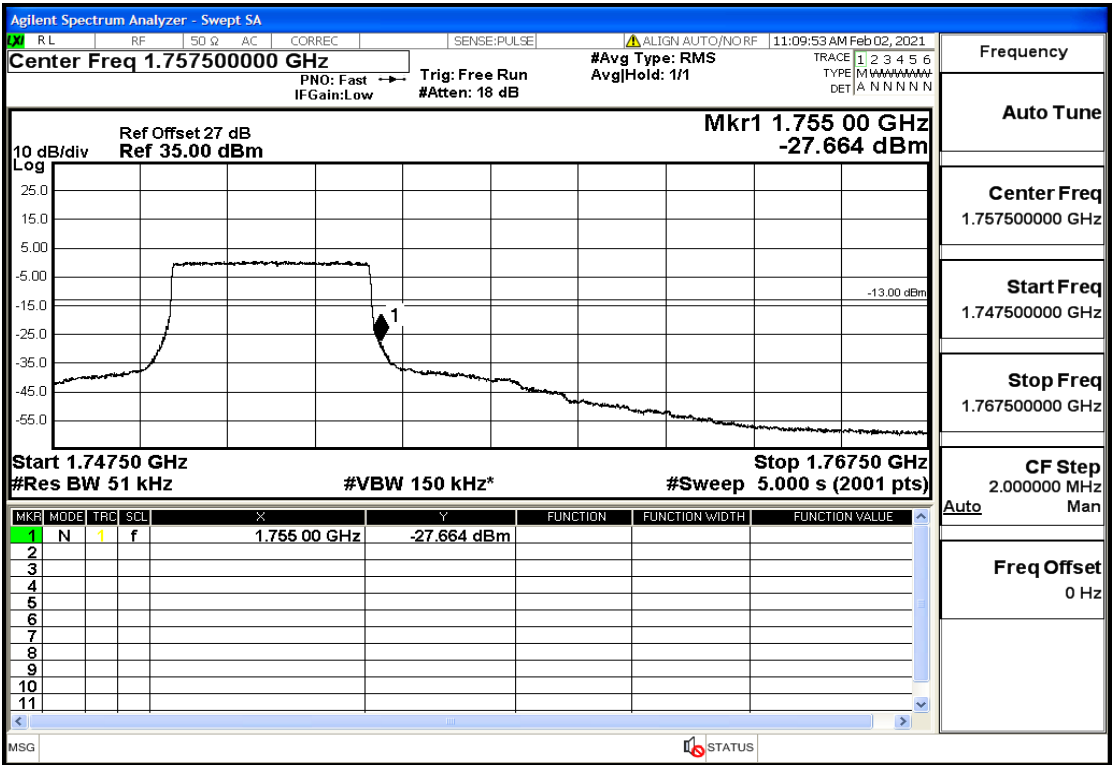
Band4-5-1752.5-QPSK-25#LOW@Pass



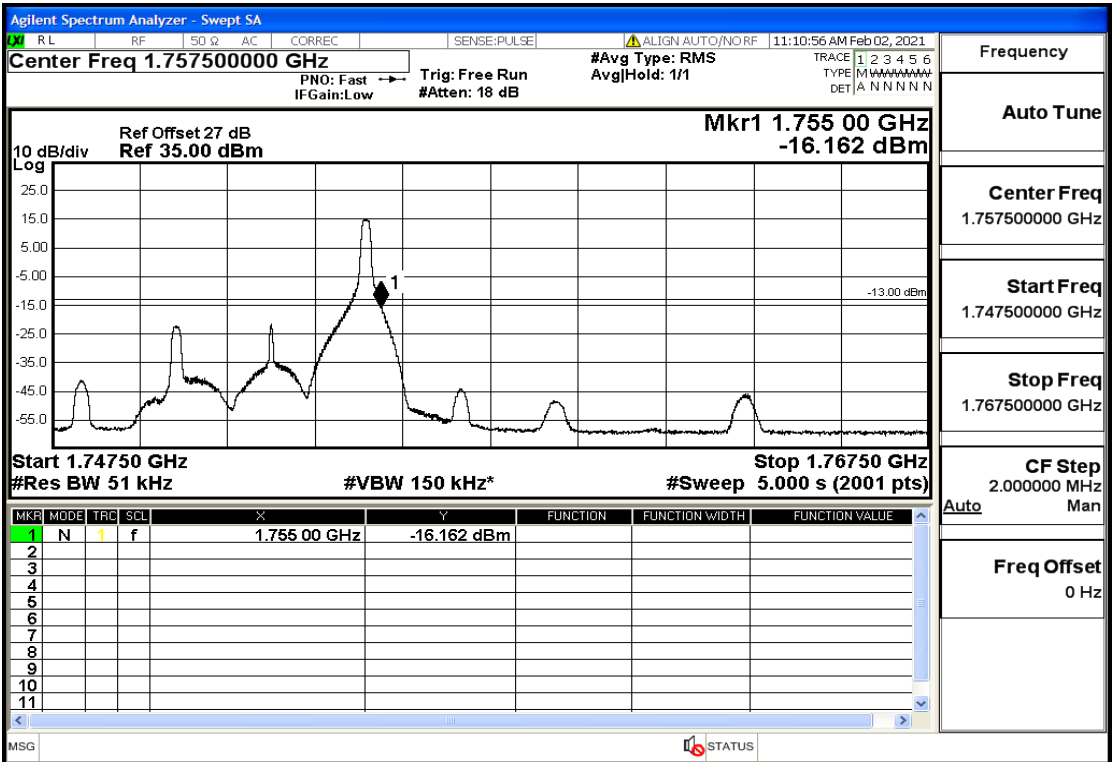
Band4-5-1752.5-QPSK-1#HIGH@Pass



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



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



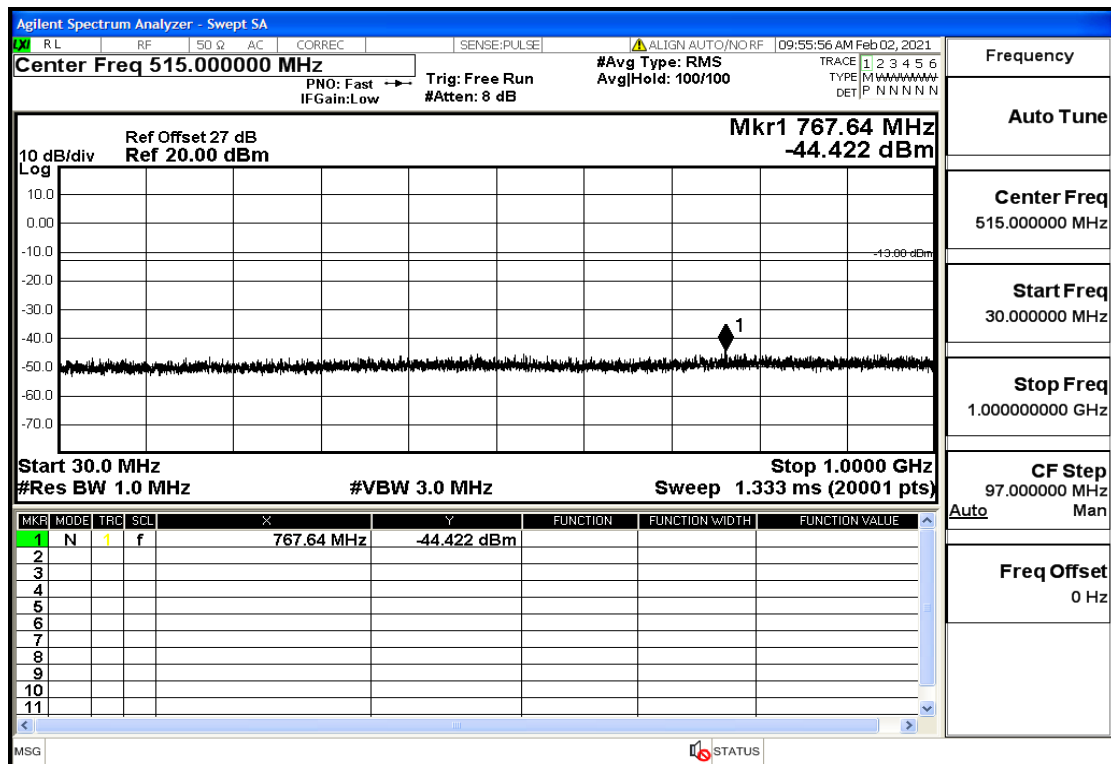
Conducted Spurious Emission

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	1710.7	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	1.4	1710.7	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	1.4	1710.7	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1710.7	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1710.7	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	1.4	1710.7	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	1.4	1710.7	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	1.4	1710.7	QPSK	1	HIGH	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	1732.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	1.4	1732.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	1.4	1732.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1732.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1732.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	1.4	1732.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	1.4	1732.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	1.4	1732.5	QPSK	1	HIGH	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	1.4	1754.3	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	1.4	1754.3	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	1.4	1754.3	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1754.3	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1754.3	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	1.4	1754.3	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	1.4	1754.3	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	1.4	1754.3	QPSK	1	HIGH	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

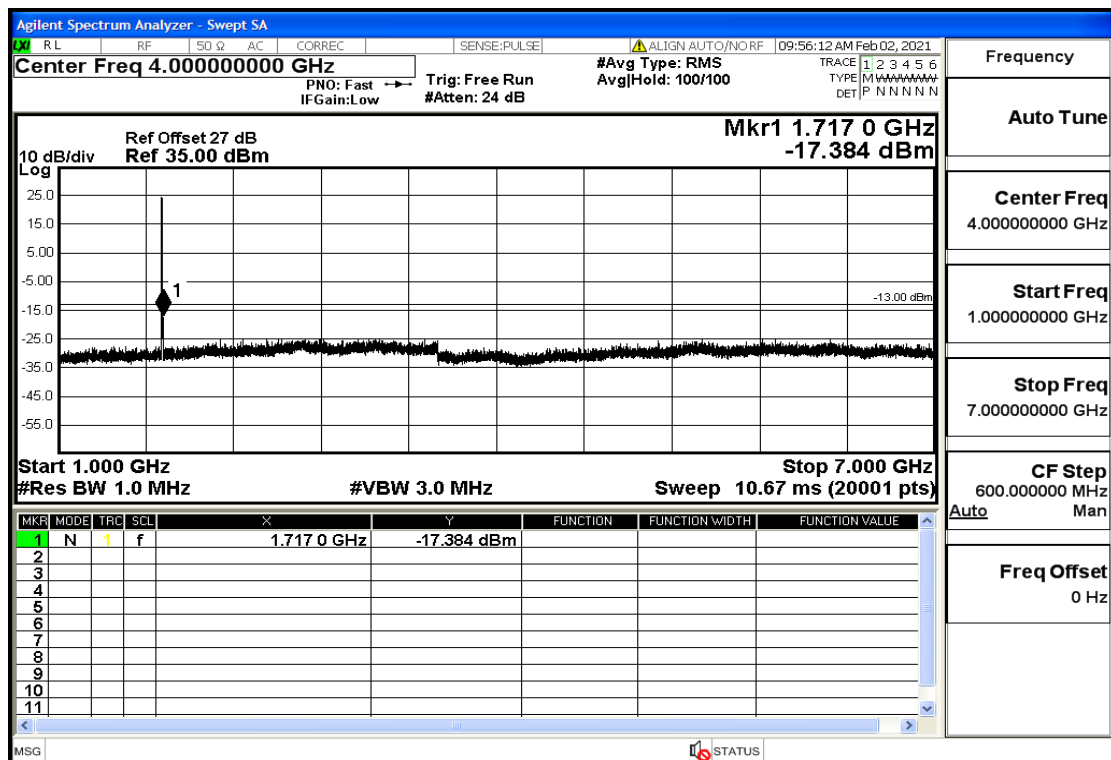
OB4	3	1711.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	3	1711.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	3	1711.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	3	1711.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	3	1711.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	3	1711.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	3	1711.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	3	1711.5	QPSK	1	HIGH	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	1732.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	3	1732.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	3	1732.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	3	1732.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	3	1732.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	3	1732.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	3	1732.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	3	1732.5	QPSK	1	HIGH	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	3	1753.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	3	1753.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	3	1753.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	3	1753.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	3	1753.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	3	1753.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	3	1753.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	3	1753.5	QPSK	1	HIGH	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	1712.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	5	1712.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	5	1712.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	5	1712.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	5	1712.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	5	1712.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	5	1712.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	5	1712.5	QPSK	1	HIGH	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	5	1752.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	5	1752.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	5	1752.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	5	1752.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	5	1752.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	5	1752.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	5	1752.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	5	1752.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass

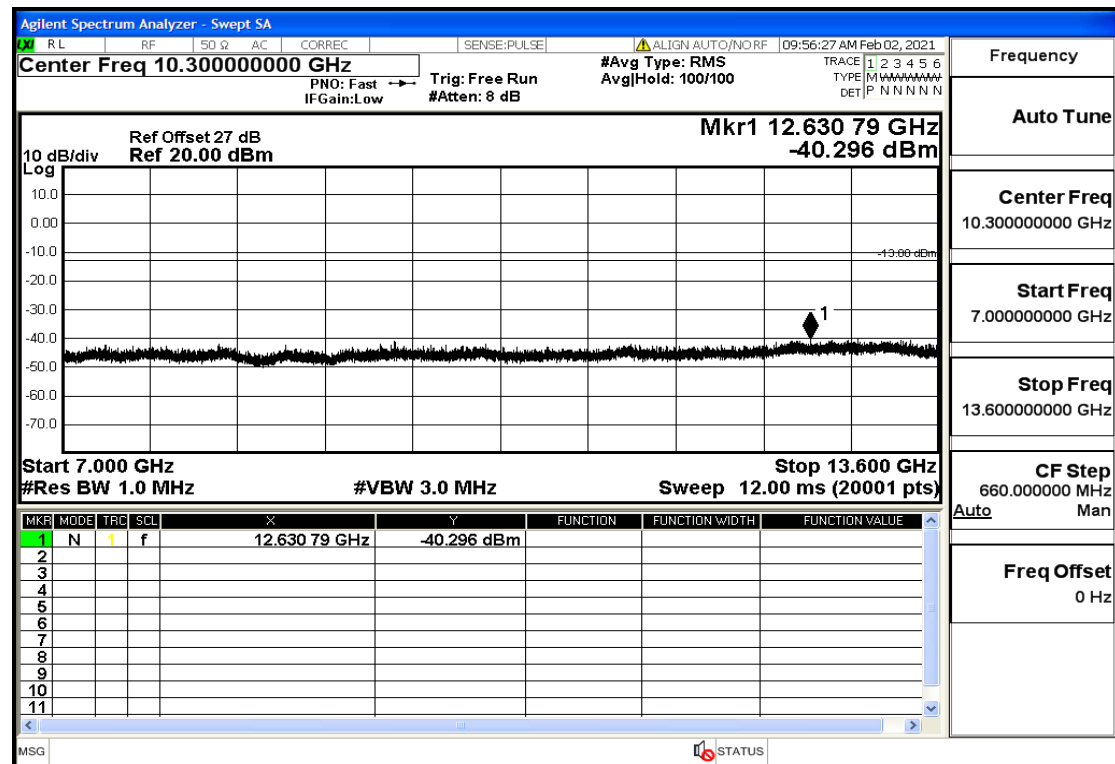
OB4-1.4-1710.7-QPSK-6#LOW@30mHz-1GHz@Pass



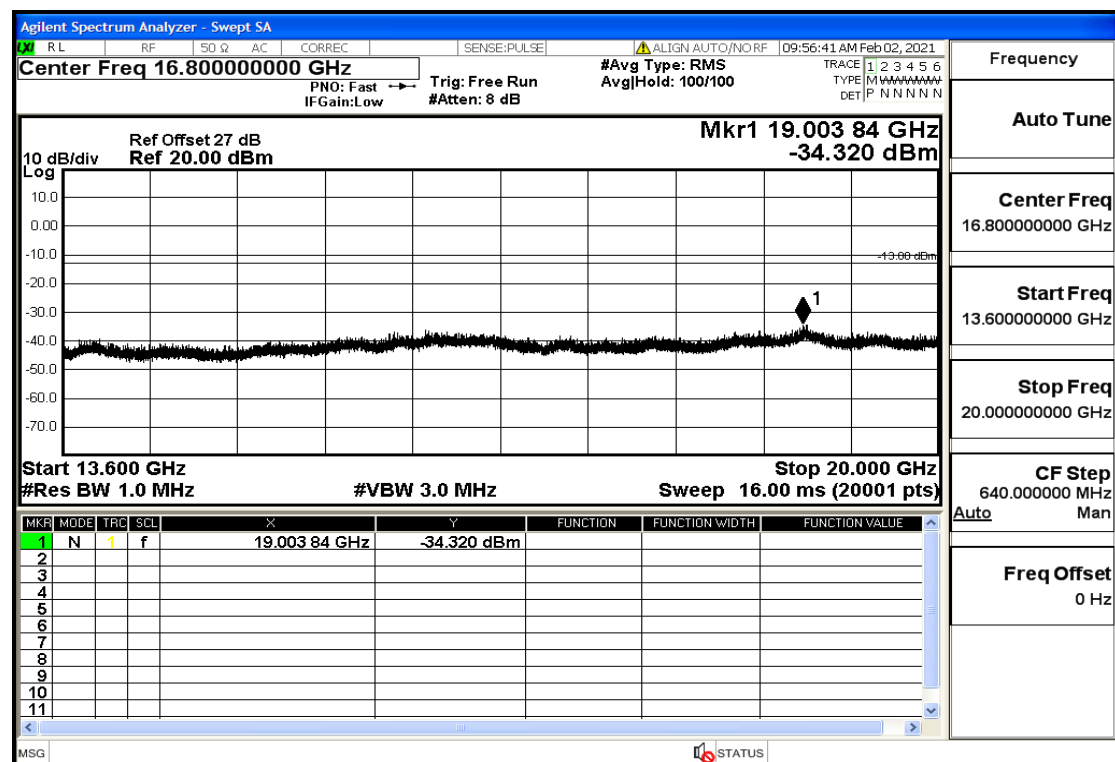
OB4-1.4-1710.7-QPSK-6#LOW@1GHz-7GHz@Pass



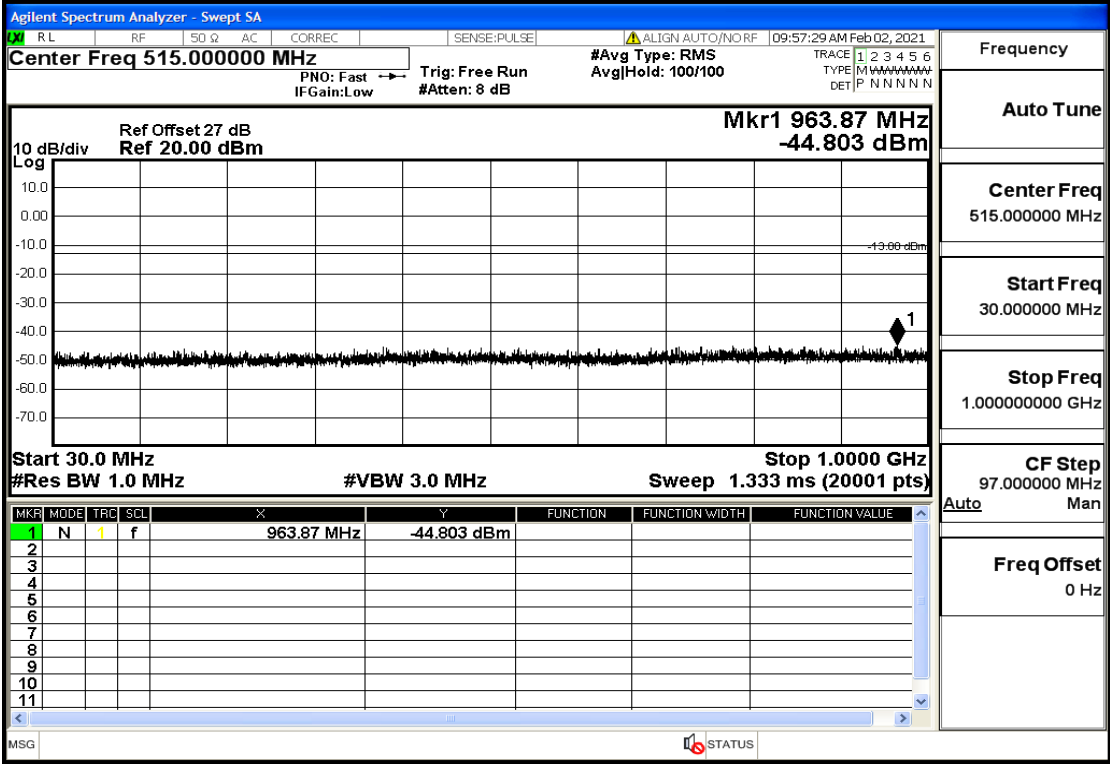
OB4-1.4-1710.7-QPSK-6#LOW@7GHz-13.6GHz@Pass



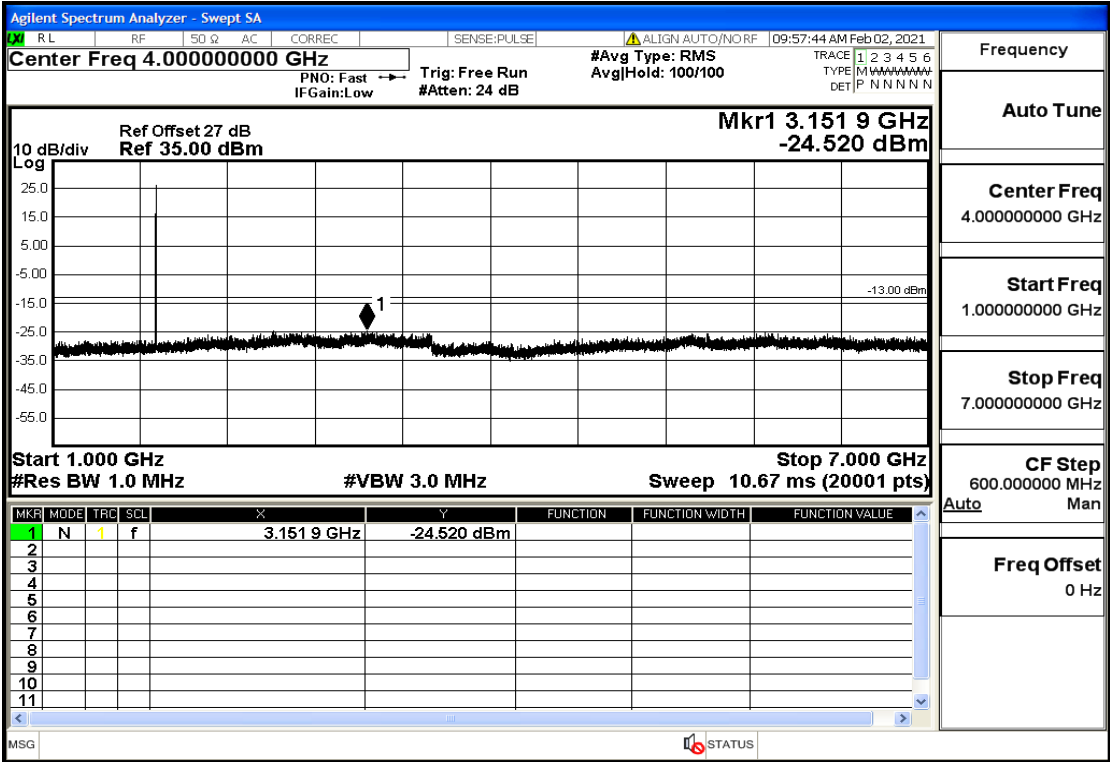
OB4-1.4-1710.7-QPSK-6#LOW@13.6GHz-20GHz@Pass



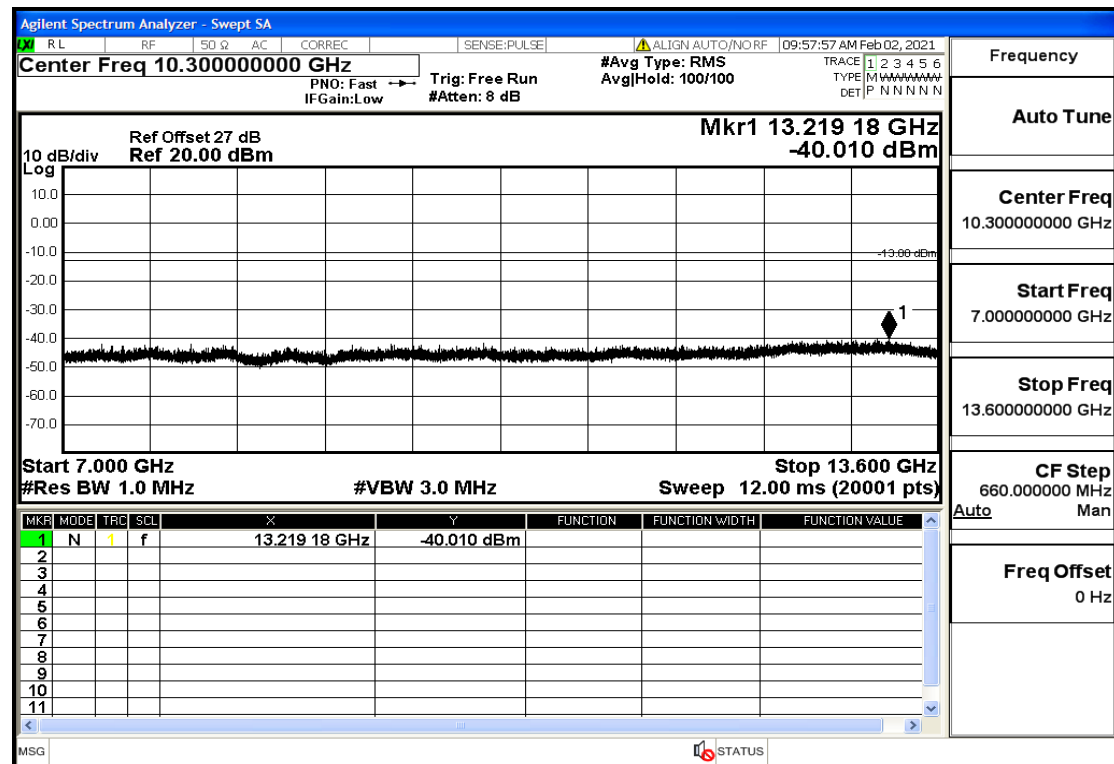
OB4-1.4-1710.7-QPSK-1#LOW@30mHz-1GHz@Pass



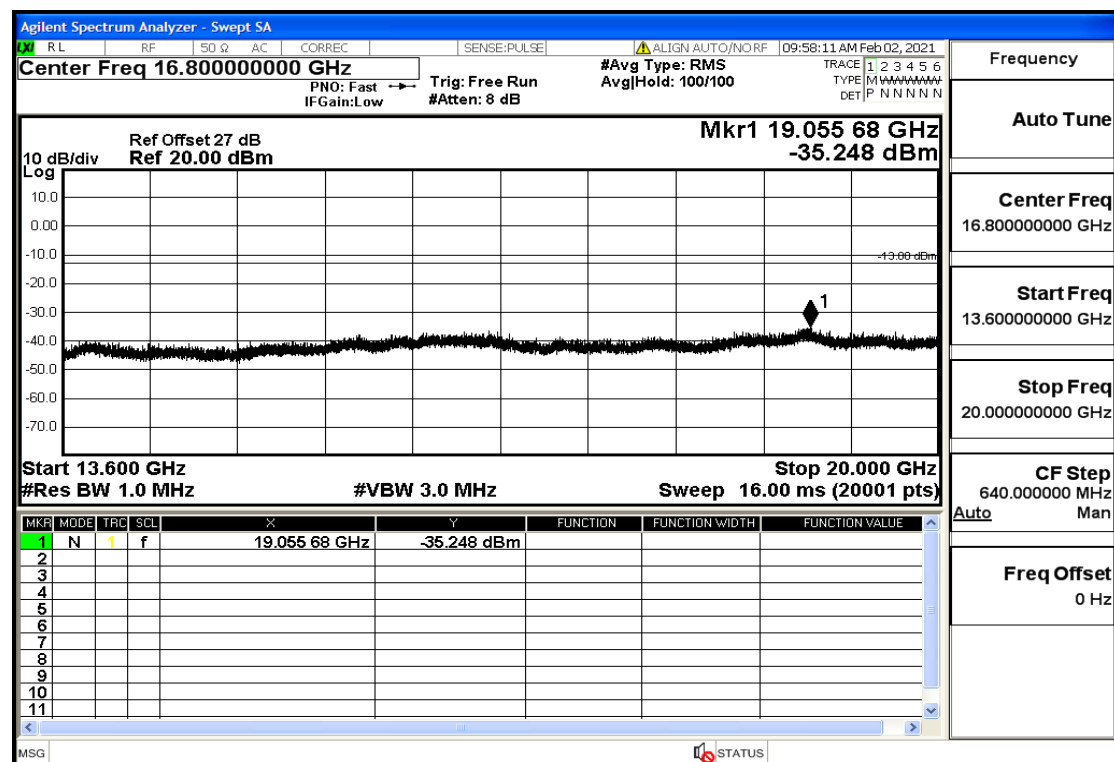
OB4-1.4-1710.7-QPSK-1#LOW@1GHz-7GHz@Pass



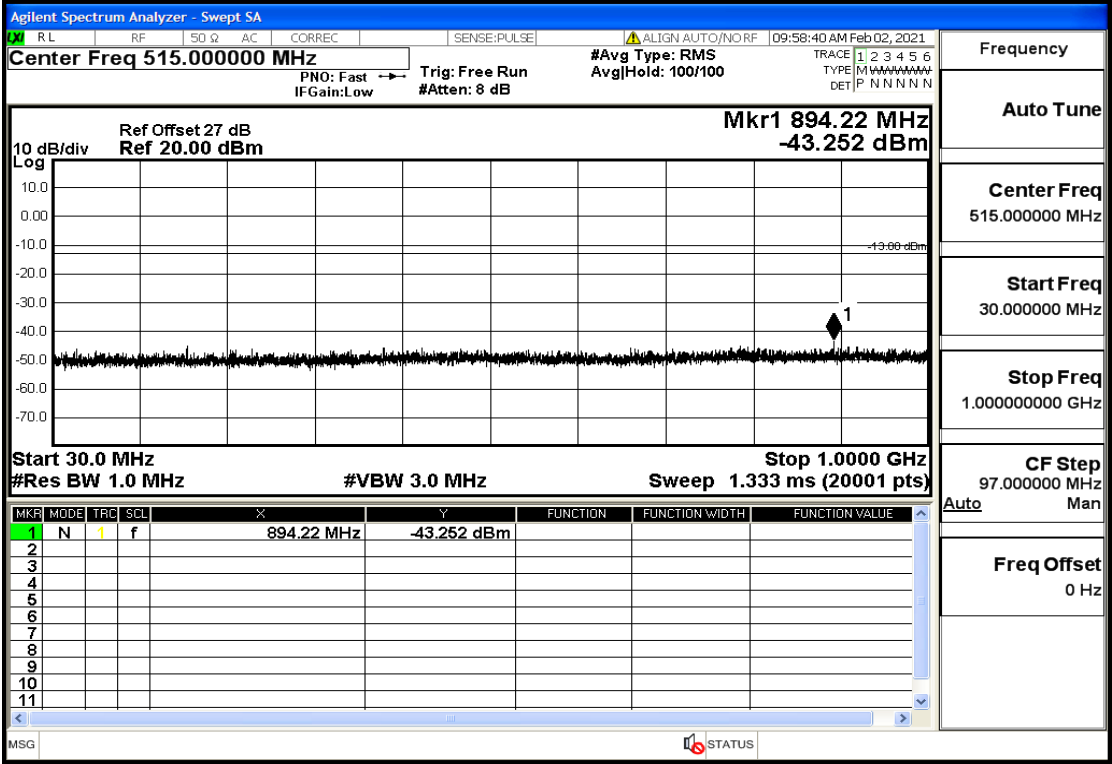
OB4-1.4-1710.7-QPSK-1#LOW@7GHz-13.6GHz@Pass



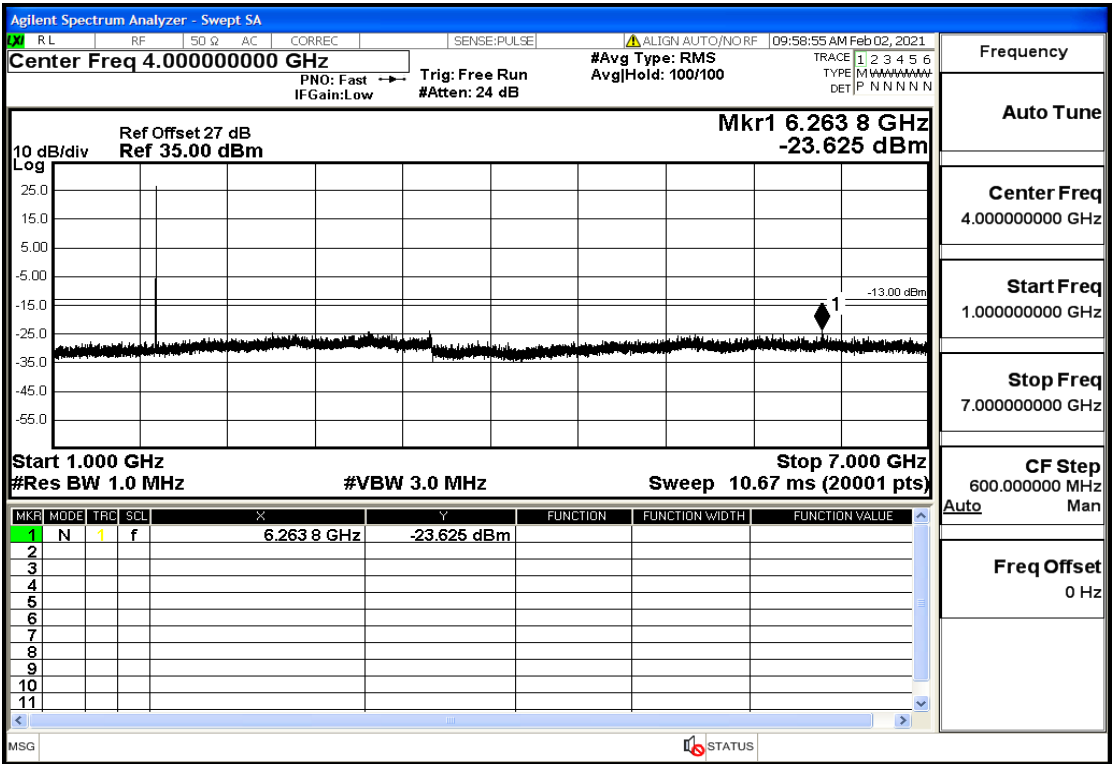
OB4-1.4-1710.7-QPSK-1#LOW@13.6GHz-20GHz@Pass



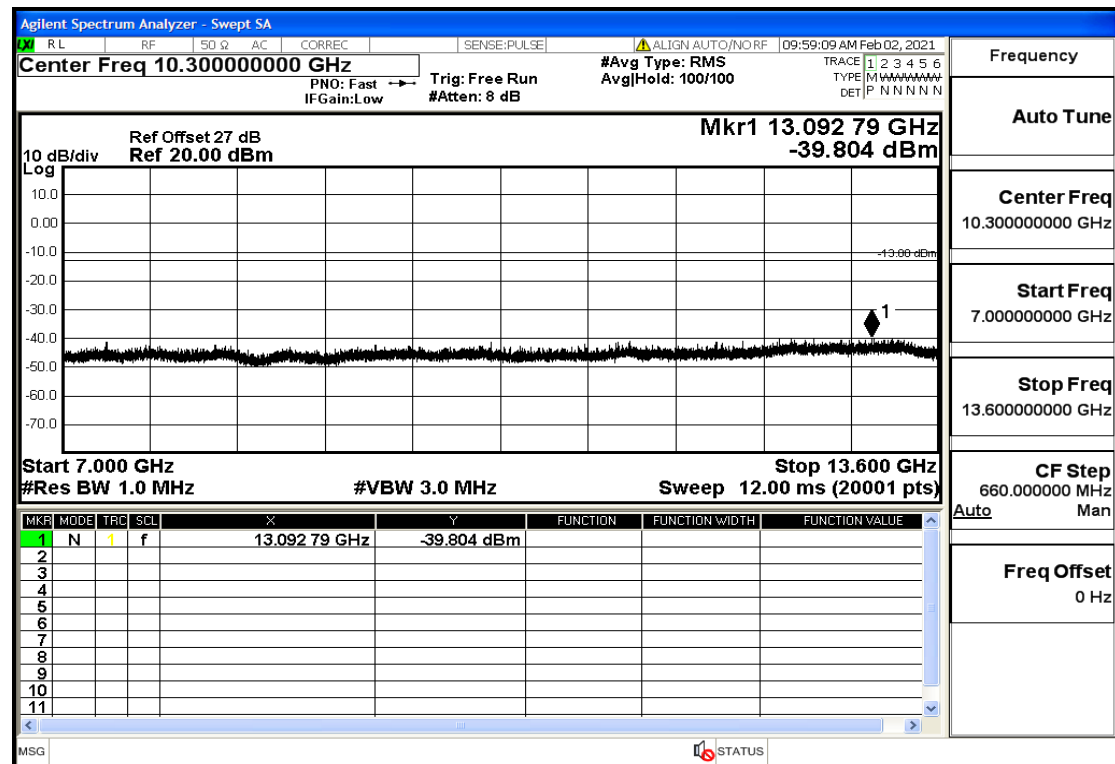
OB4-1.4-1710.7-QPSK-1#HIGH@30mHz-1GHz@Pass



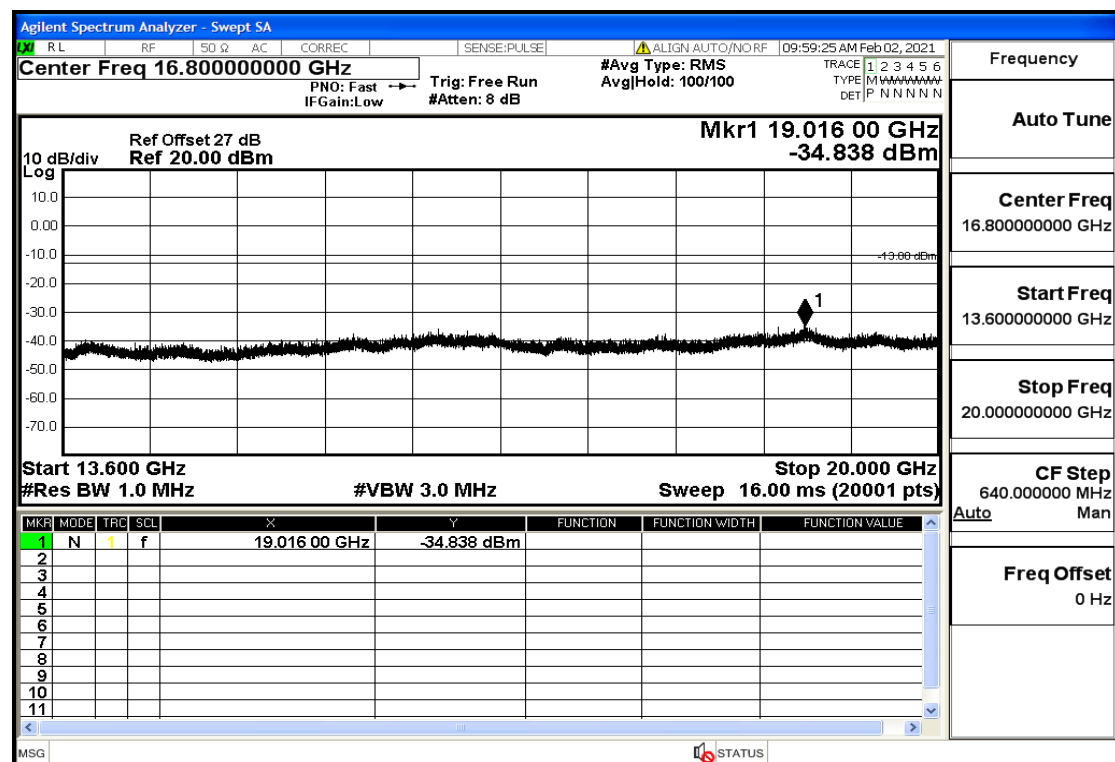
OB4-1.4-1710.7-QPSK-1#HIGH@1GHz-7GHz@Pass



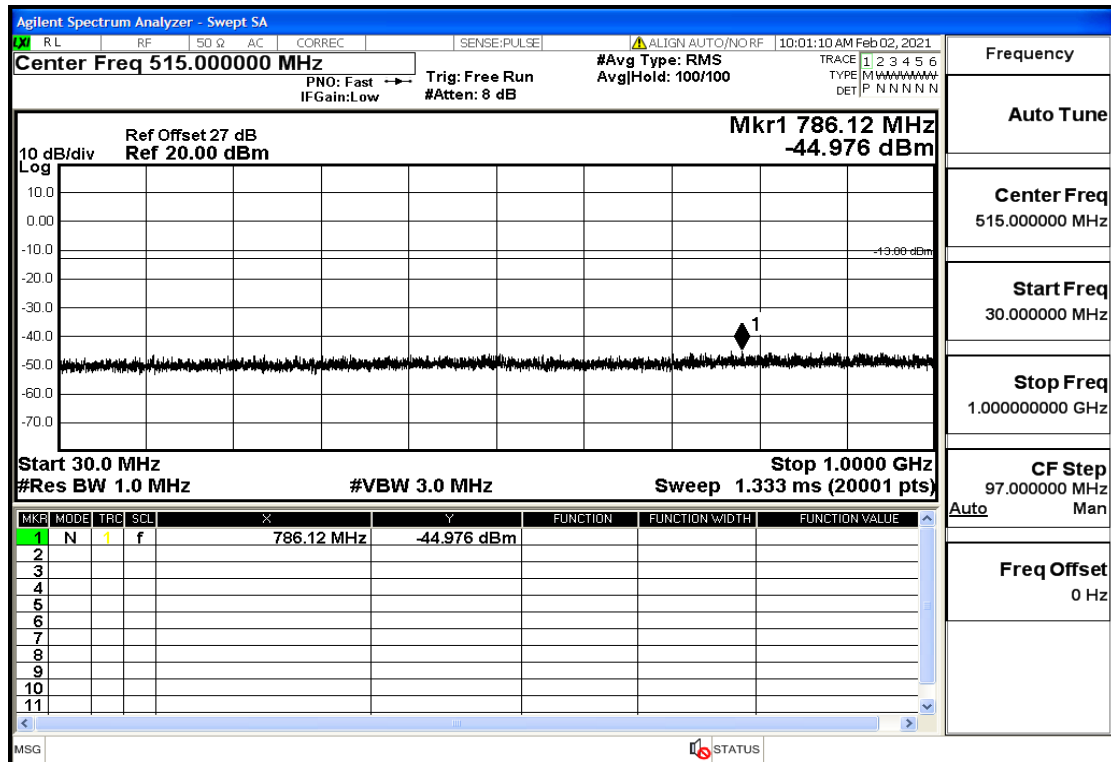
OB4-1.4-1710.7-QPSK-1#HIGH@7GHz-13.6GHz@Pass



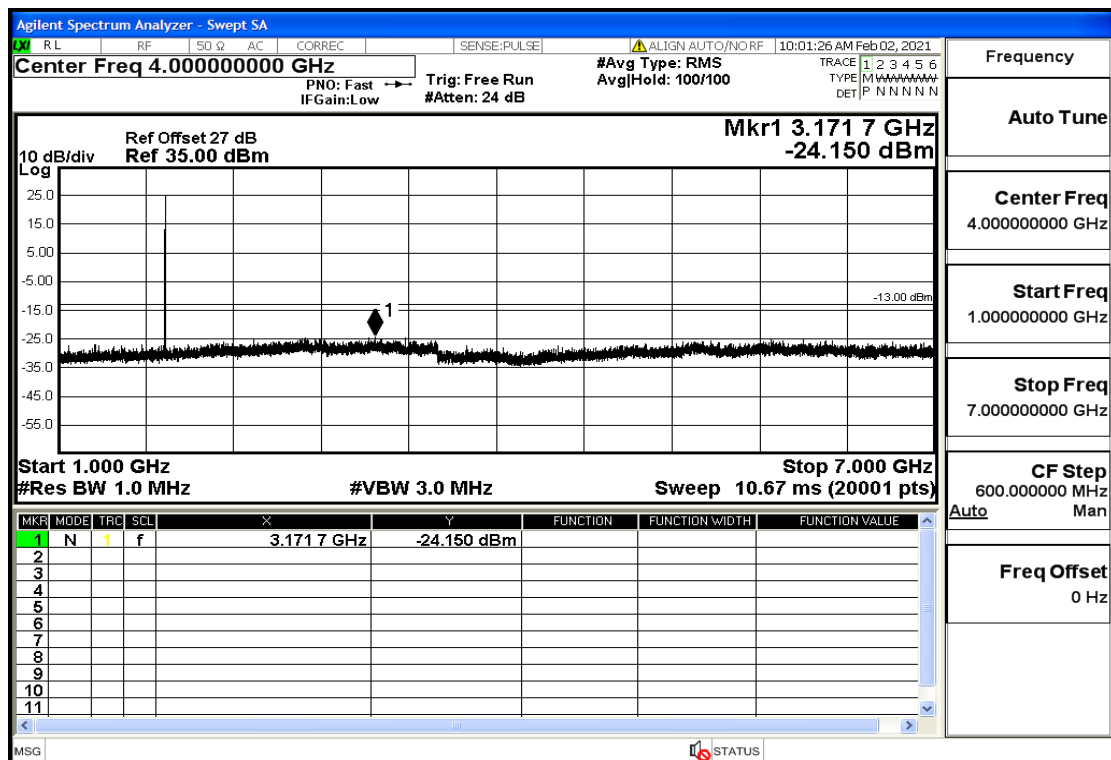
OB4-1.4-1710.7-QPSK-1#HIGH@13.6GHz-20GHz@Pass



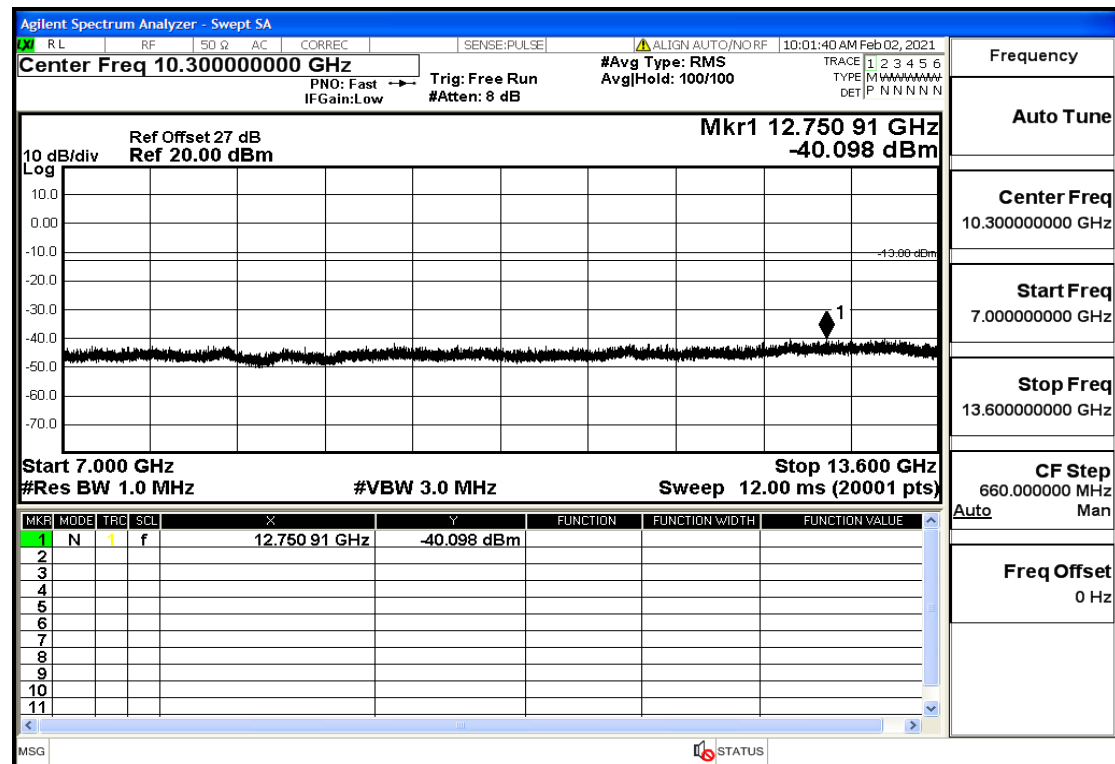
OB4-1.4-1732.5-QPSK-6#LOW@30mHz-1GHz@Pass



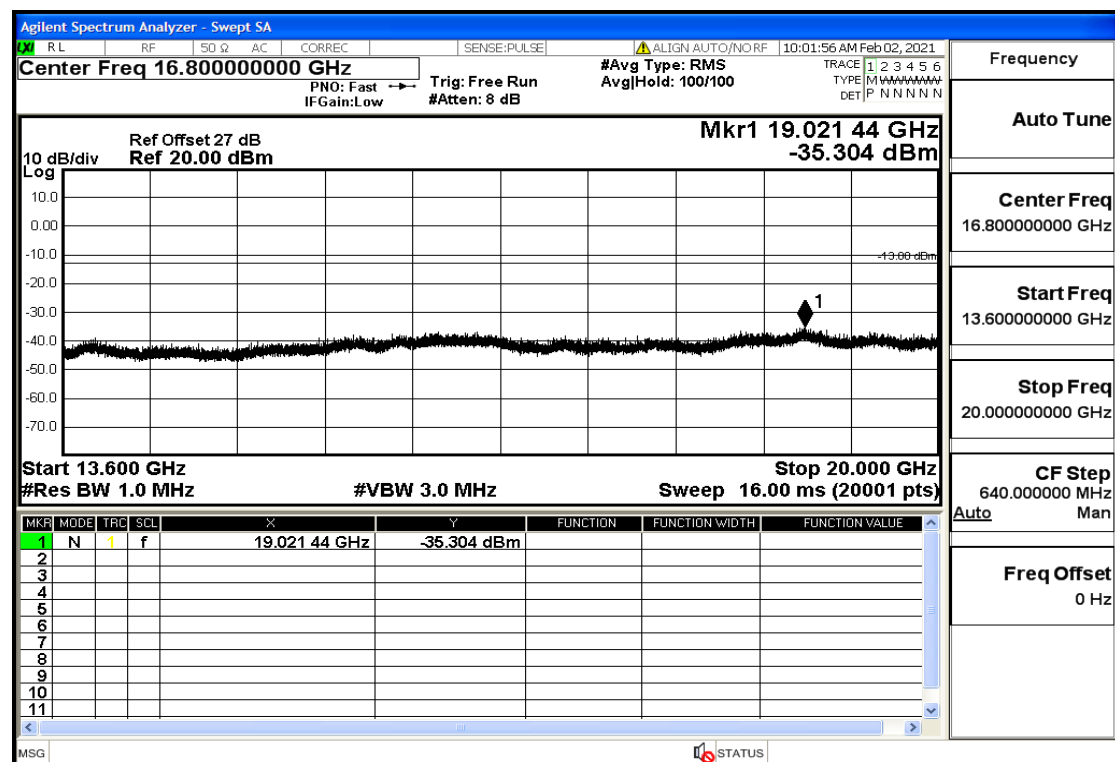
OB4-1.4-1732.5-QPSK-6#LOW@1GHz-7GHz@Pass



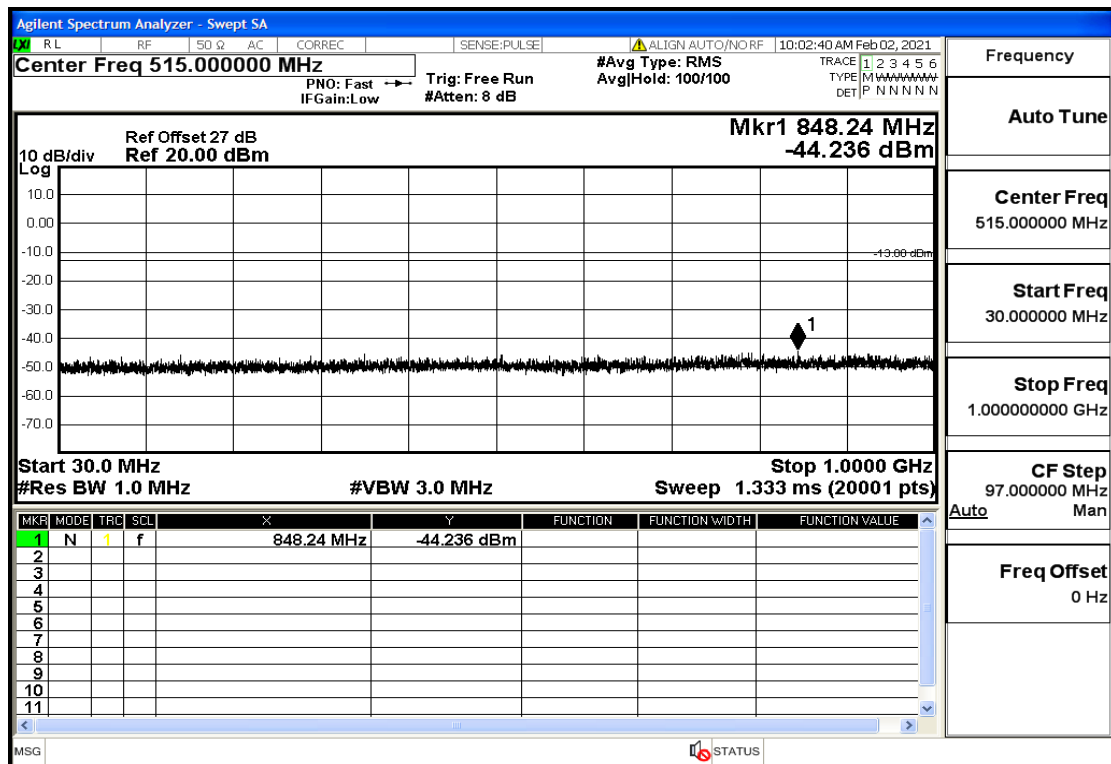
OB4-1.4-1732.5-QPSK-6#LOW@7GHz-13.6GHz@Pass



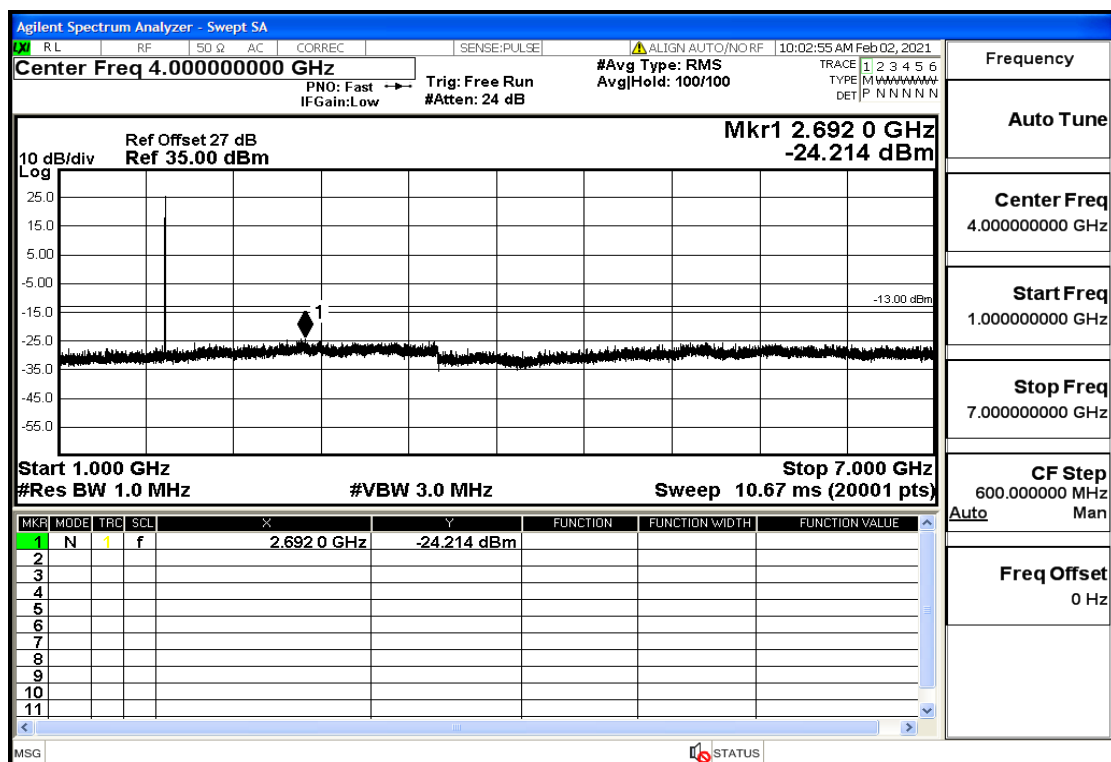
OB4-1.4-1732.5-QPSK-6#LOW@13.6GHz-20GHz@Pass



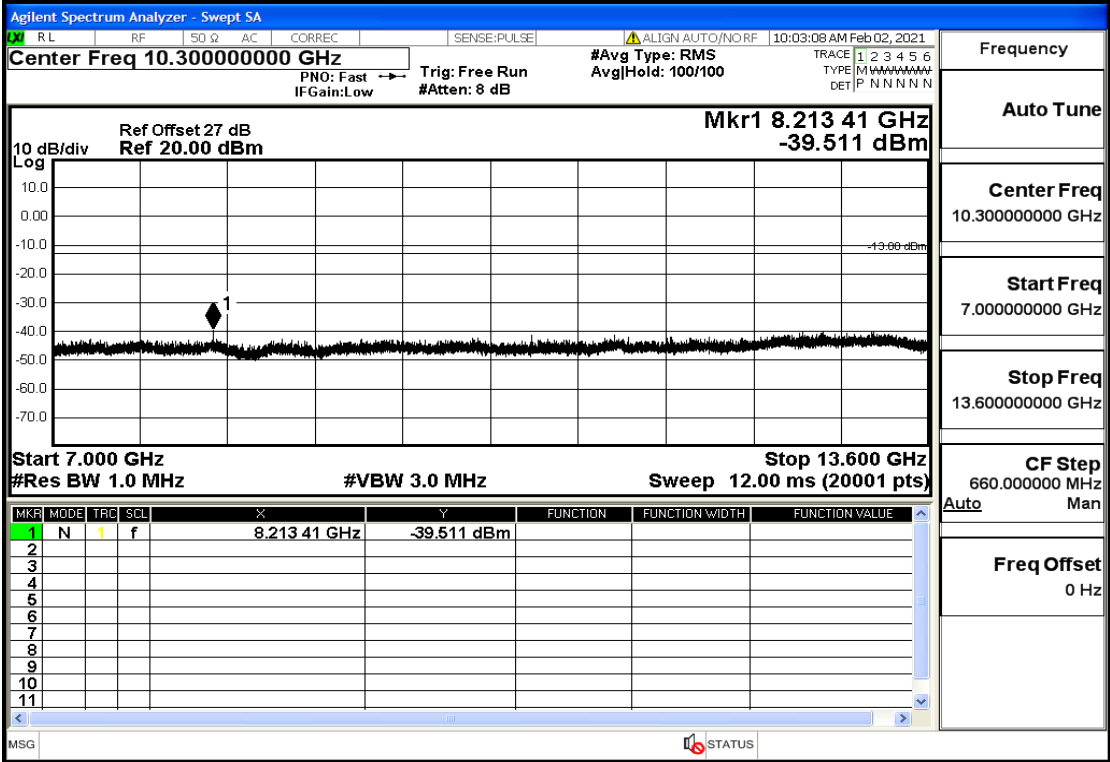
OB4-1.4-1732.5-QPSK-1#LOW@30mHz-1GHz@Pass



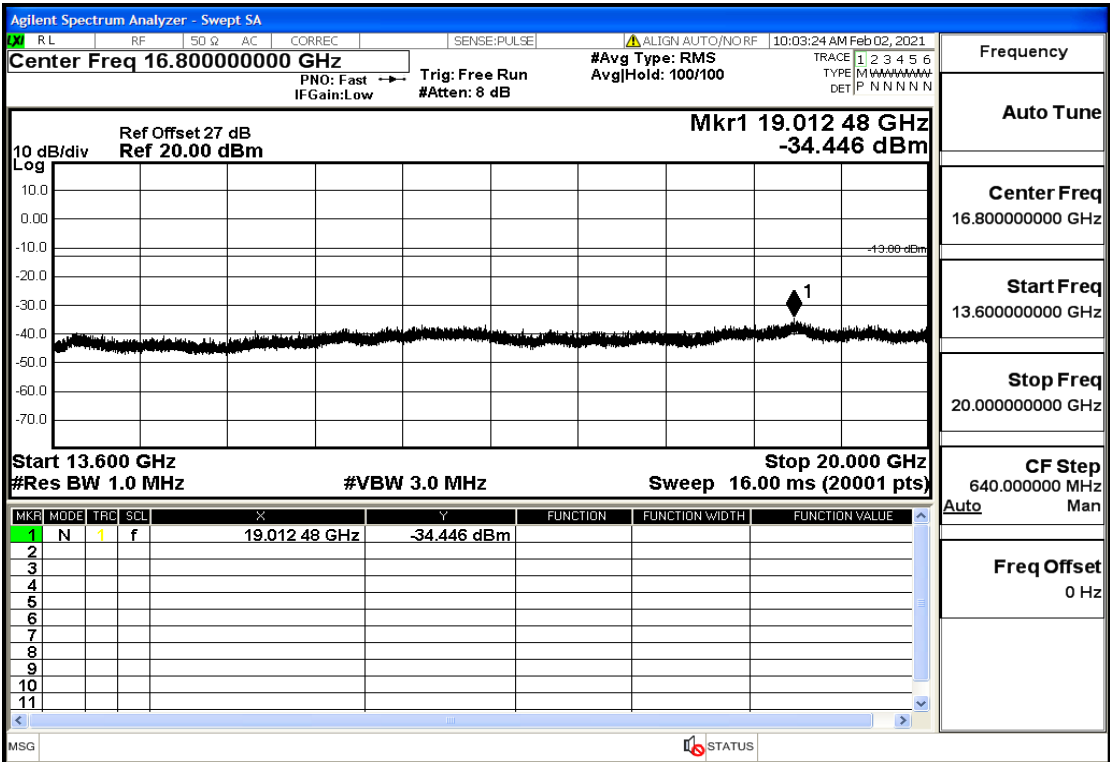
OB4-1.4-1732.5-QPSK-1#LOW@1GHz-7GHz@Pass



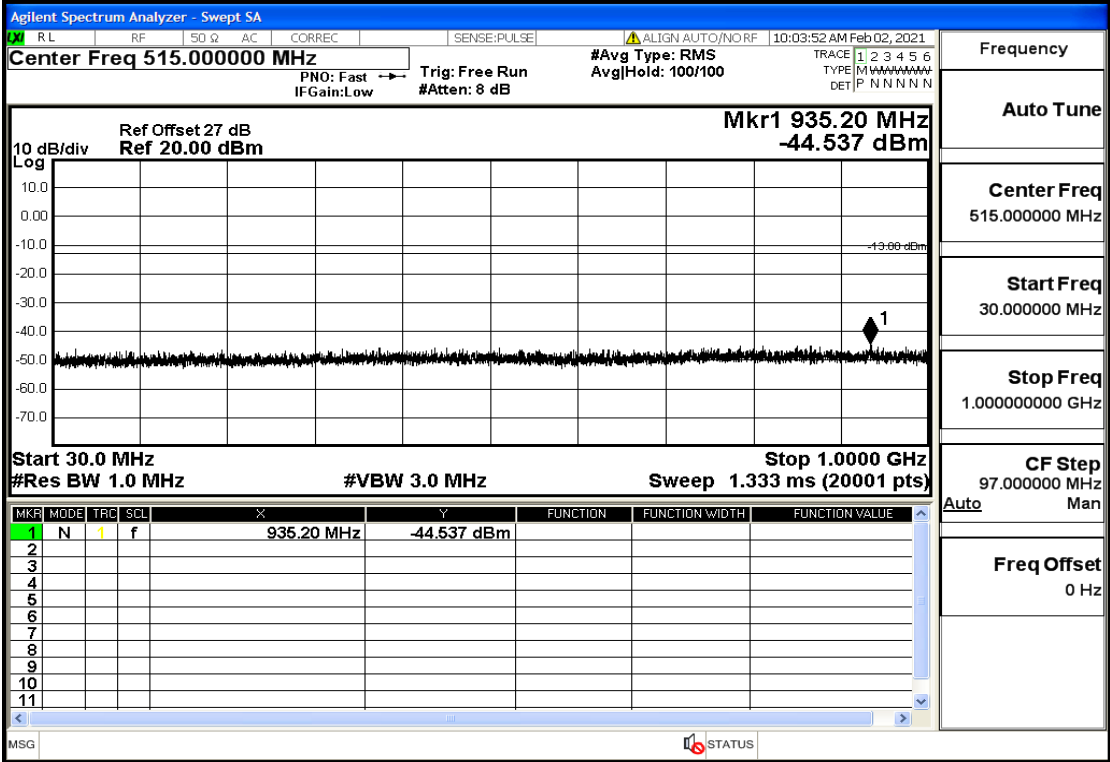
OB4-1.4-1732.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



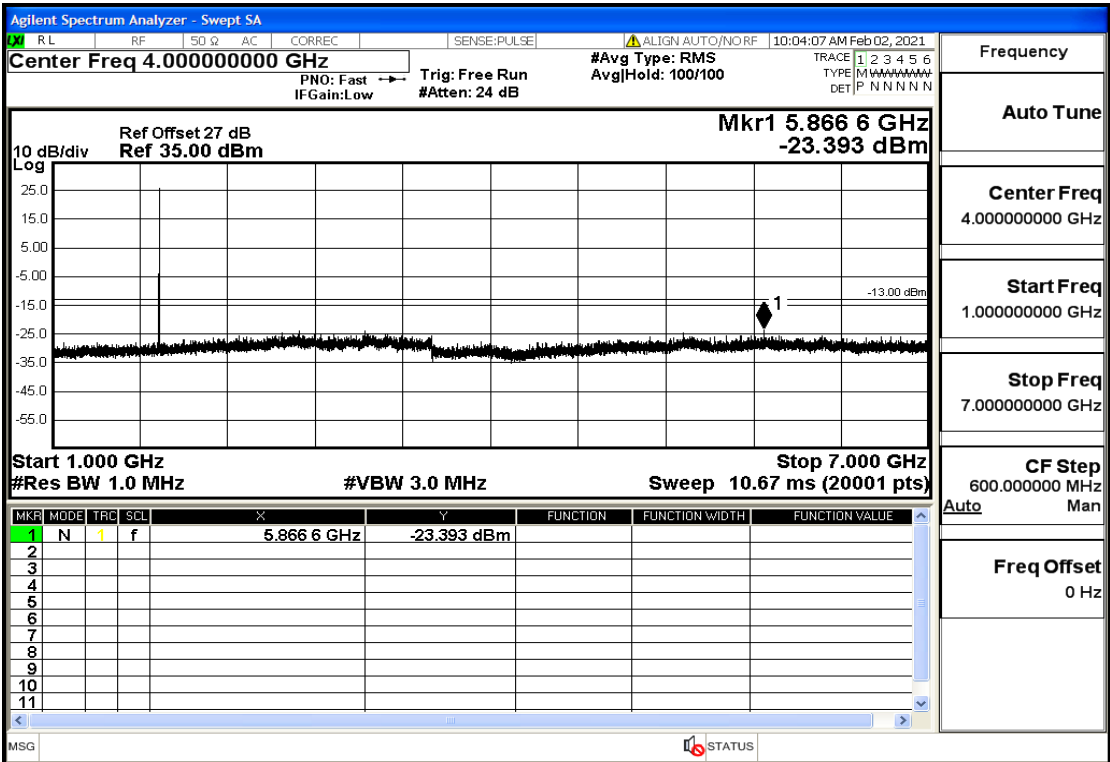
OB4-1.4-1732.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



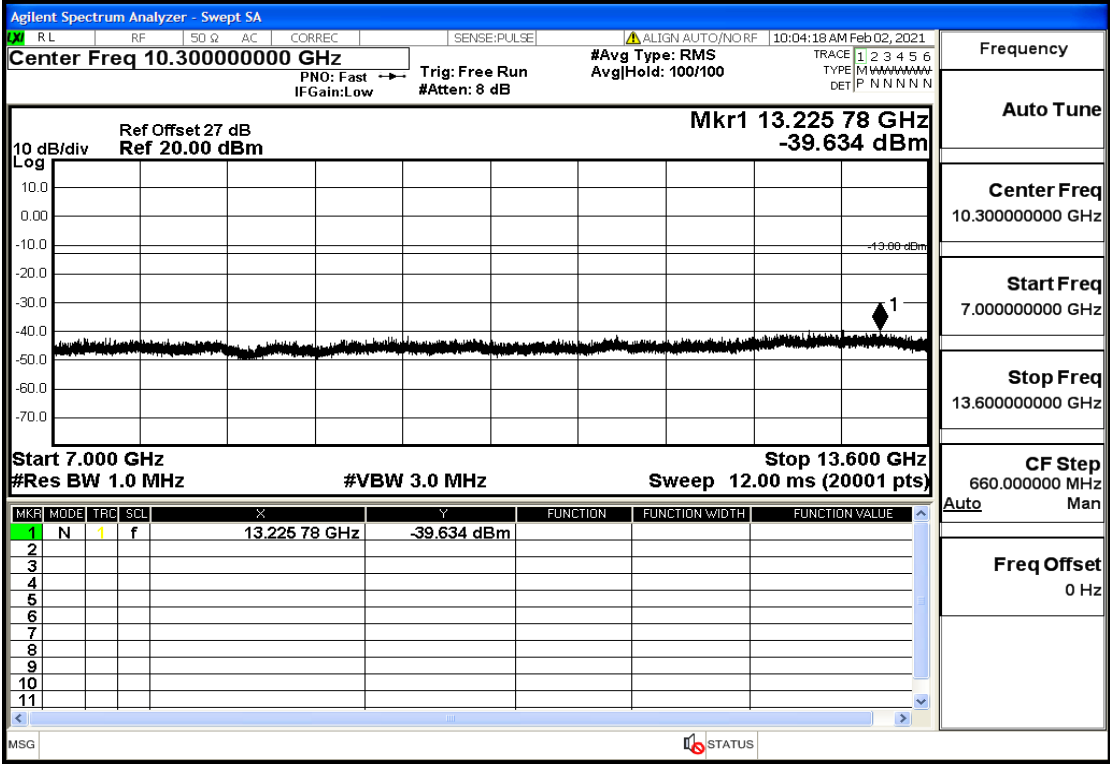
OB4-1.4-1732.5-QPSK-1#HIGH@30mHz-1GHz@Pass



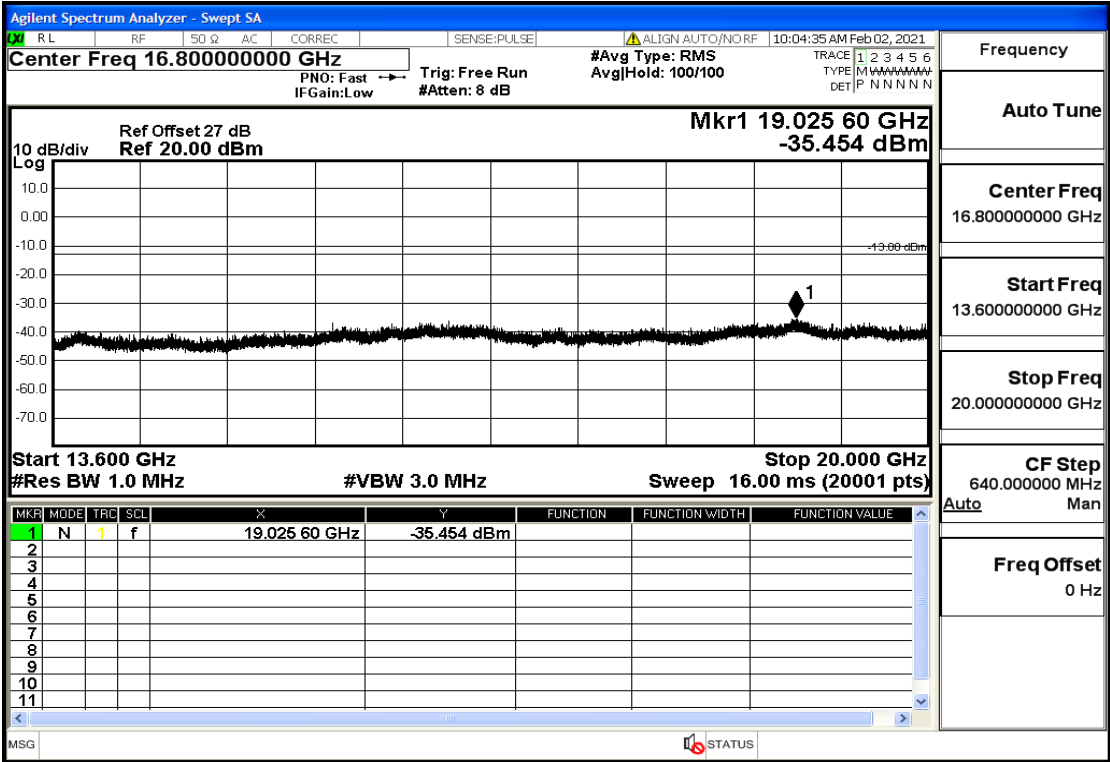
OB4-1.4-1732.5-QPSK-1#HIGH@1GHz-7GHz@Pass



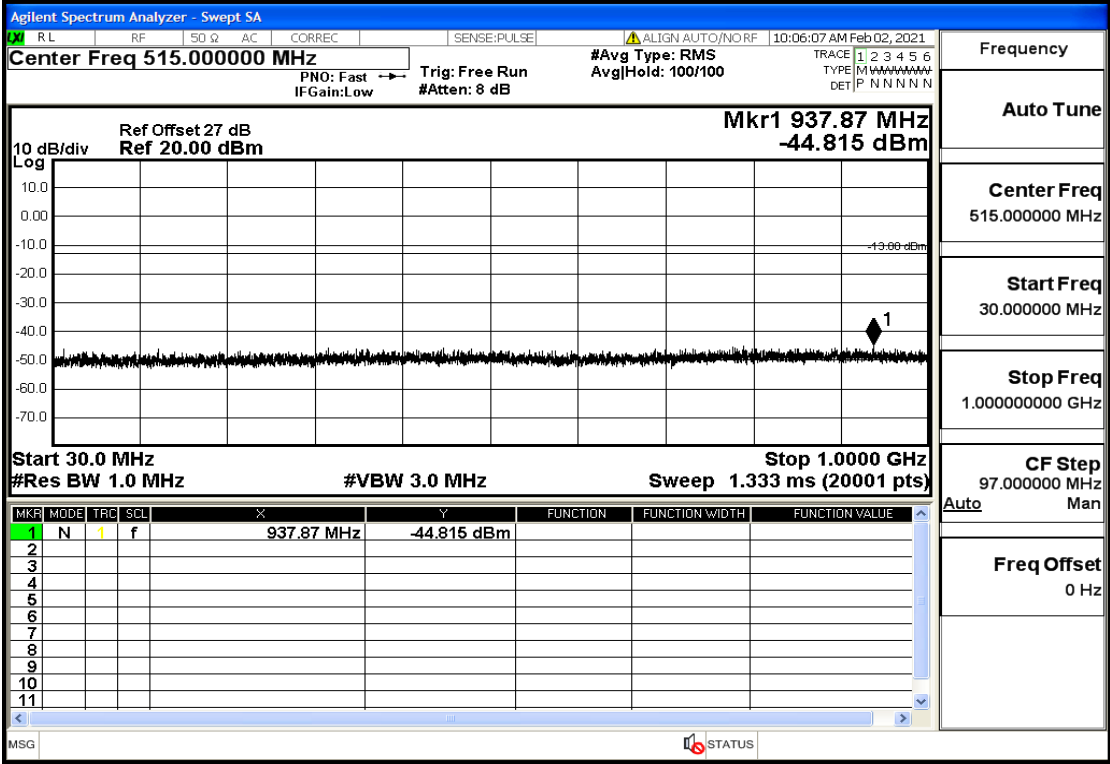
OB4-1.4-1732.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



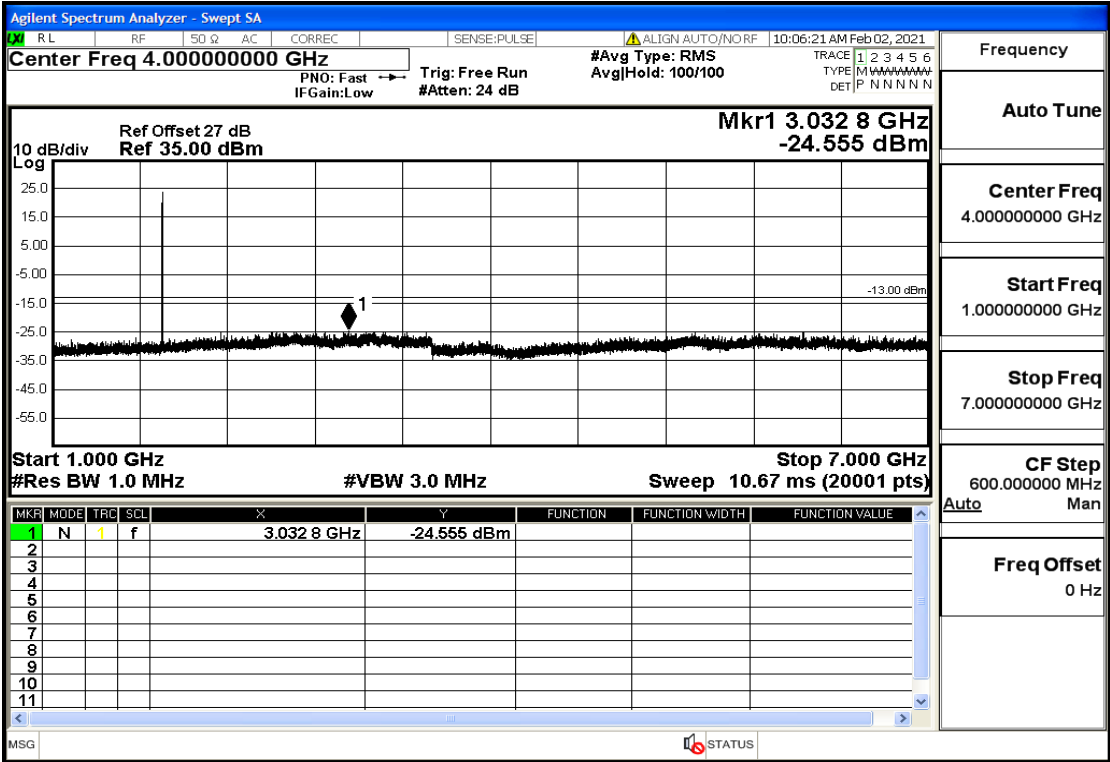
OB4-1.4-1732.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



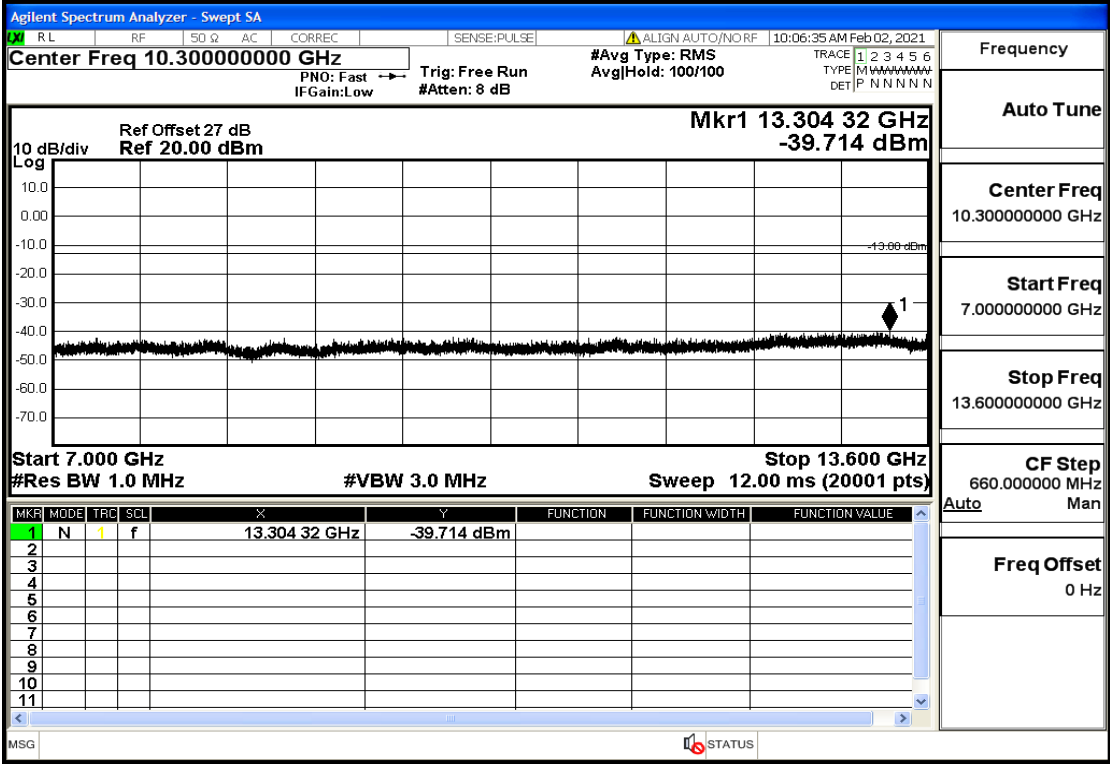
OB4-1.4-1754.3-QPSK-6#LOW@30mHz-1GHz@Pass



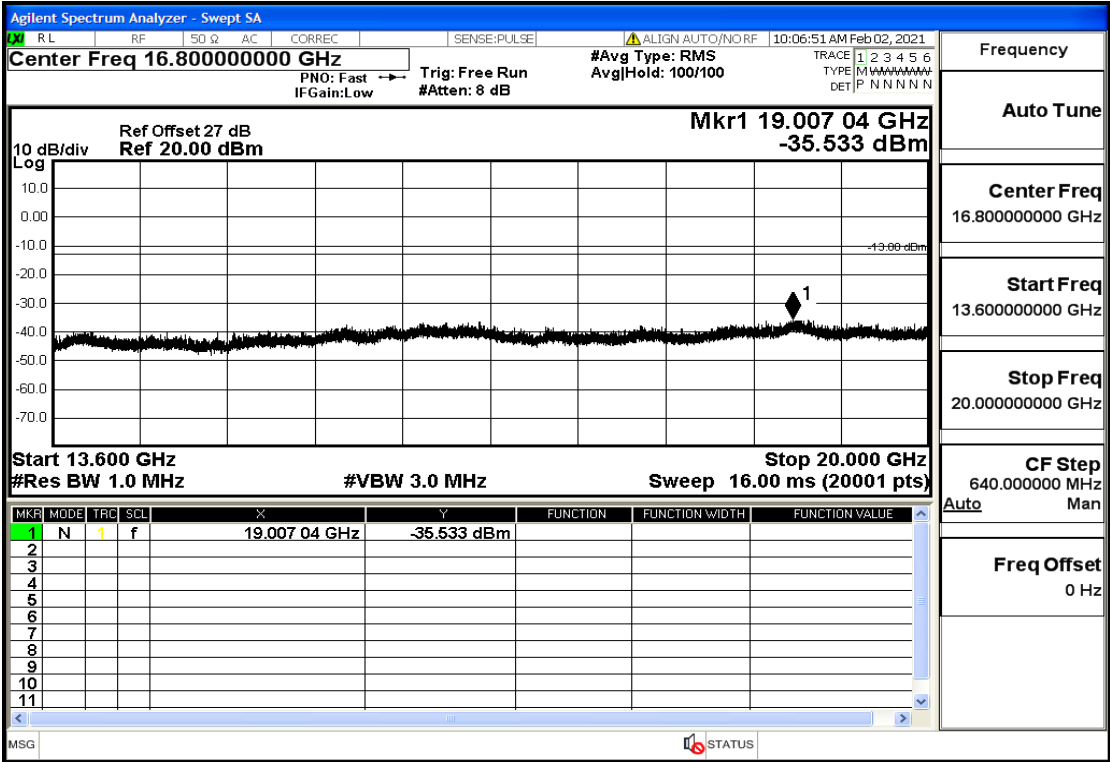
OB4-1.4-1754.3-QPSK-6#LOW@1GHz-7GHz@Pass



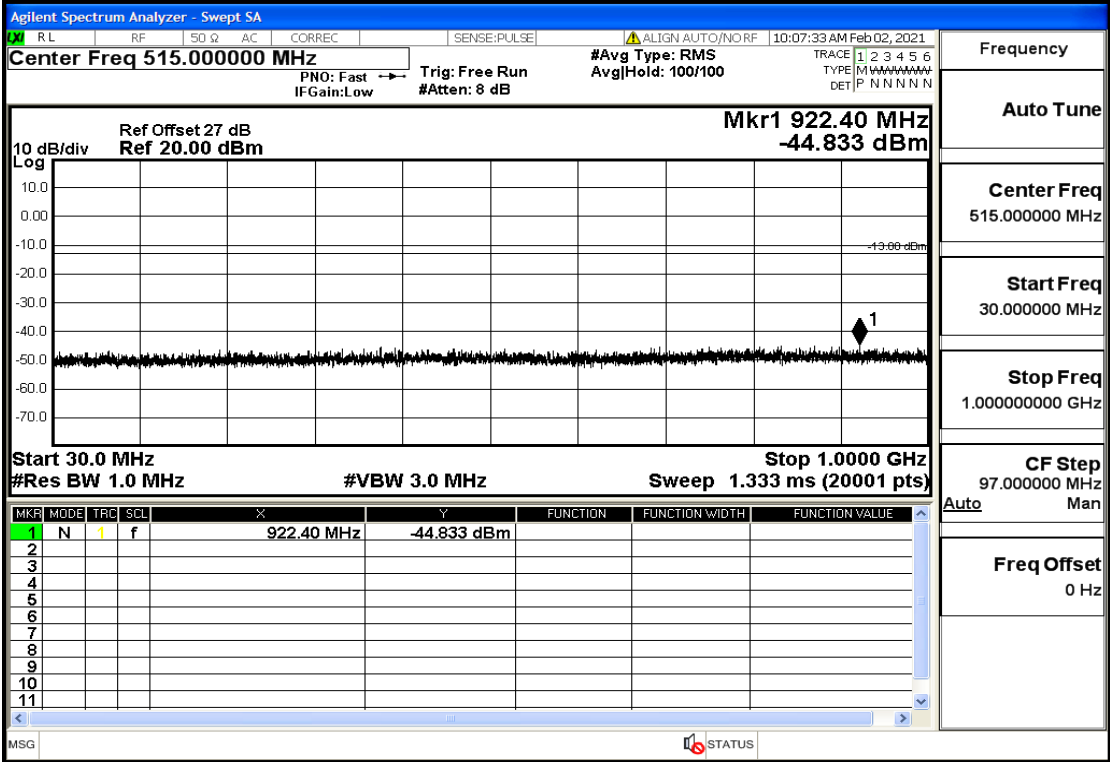
OB4-1.4-1754.3-QPSK-6#LOW@7GHz-13.6GHz@Pass



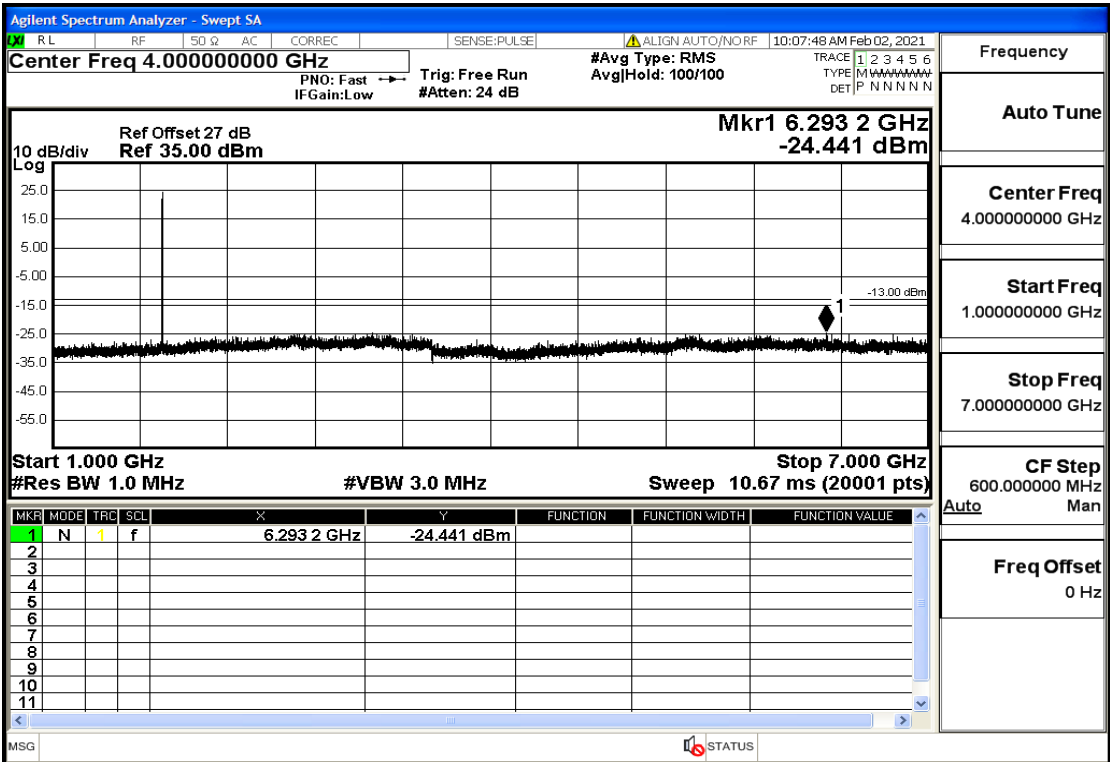
OB4-1.4-1754.3-QPSK-6#LOW@13.6GHz-20GHz@Pass



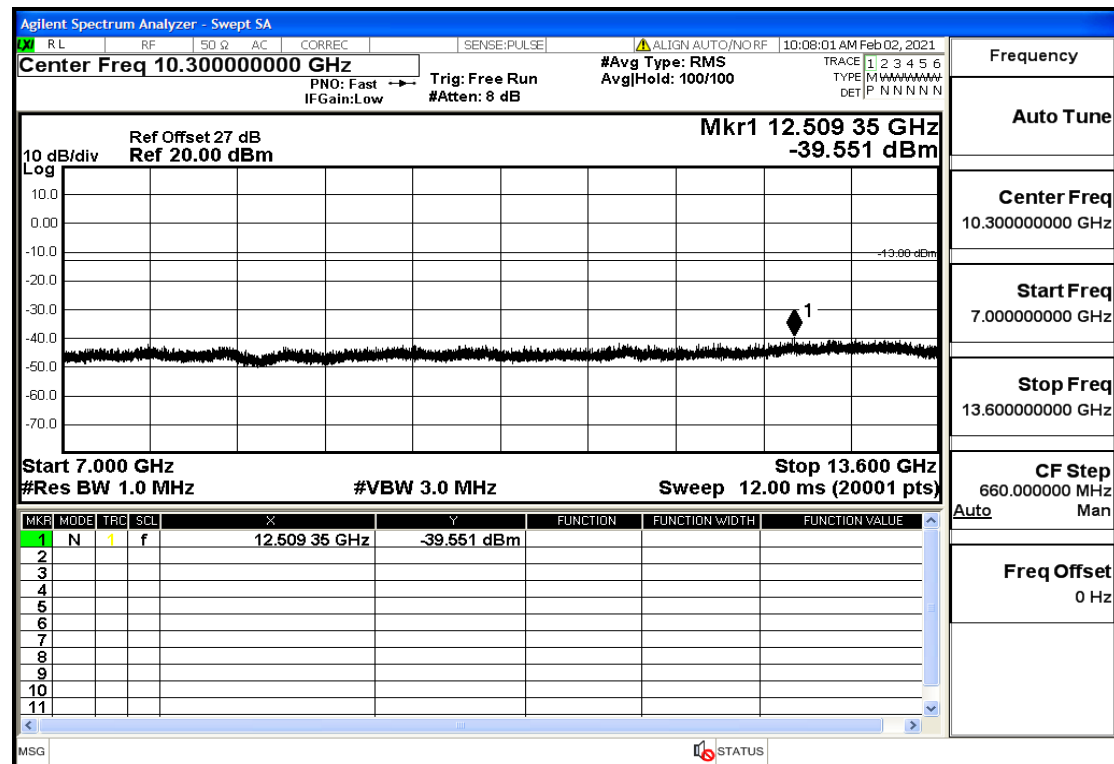
OB4-1.4-1754.3-QPSK-1#LOW@30mHz-1GHz@Pass



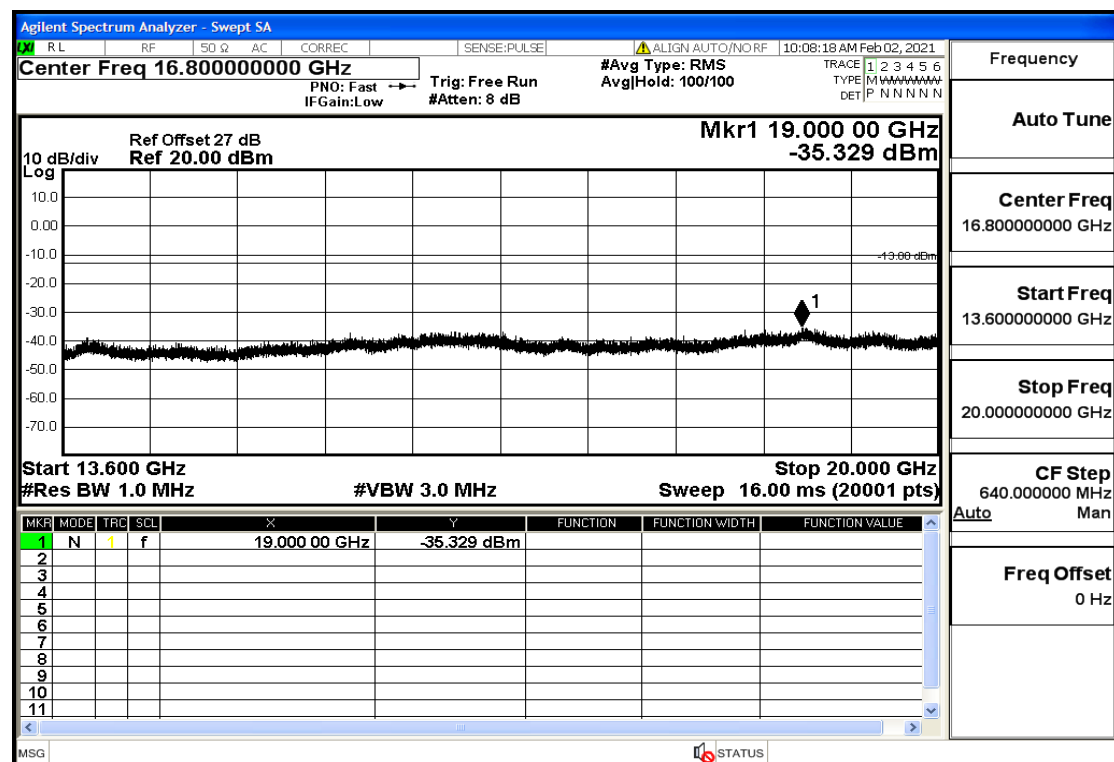
OB4-1.4-1754.3-QPSK-1#LOW@1GHz-7GHz@Pass



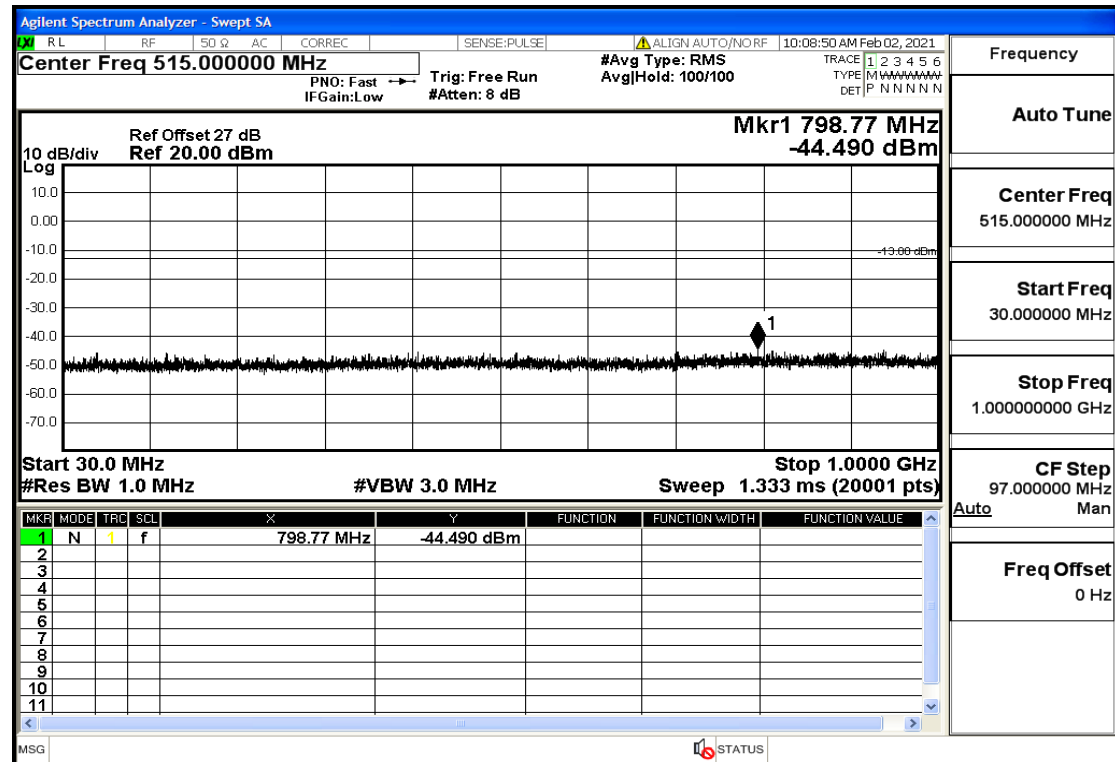
OB4-1.4-1754.3-QPSK-1#LOW@7GHz-13.6GHz@Pass



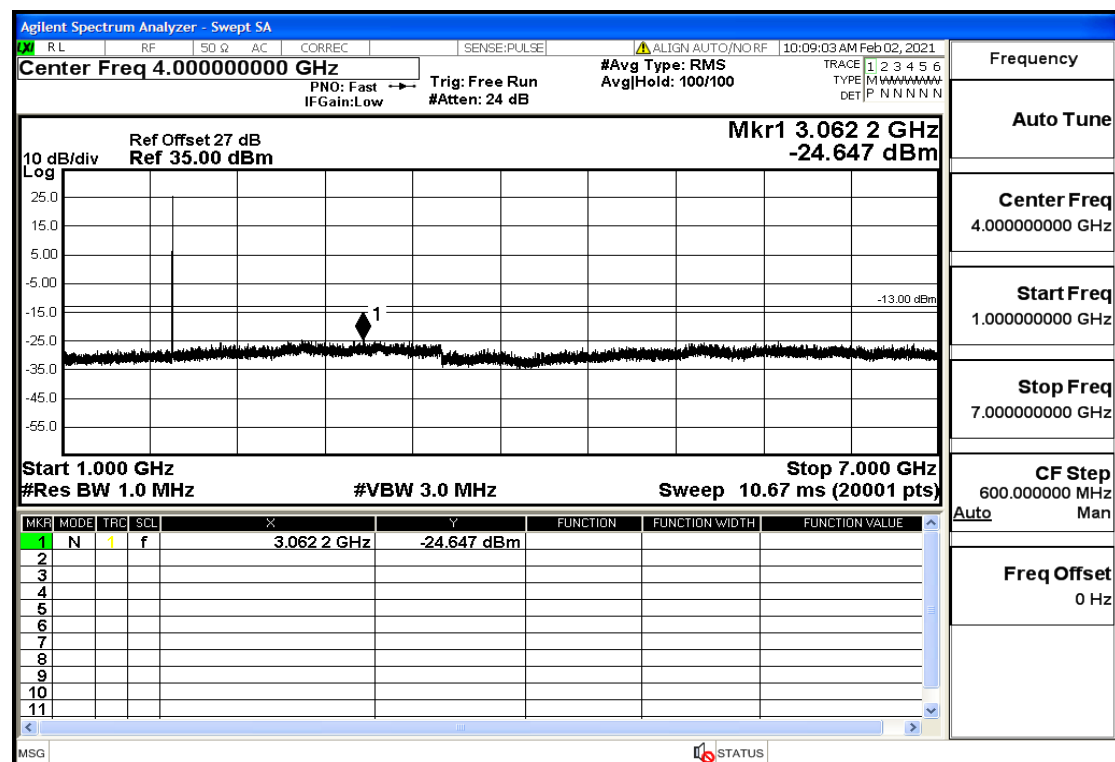
OB4-1.4-1754.3-QPSK-1#LOW@13.6GHz-20GHz@Pass



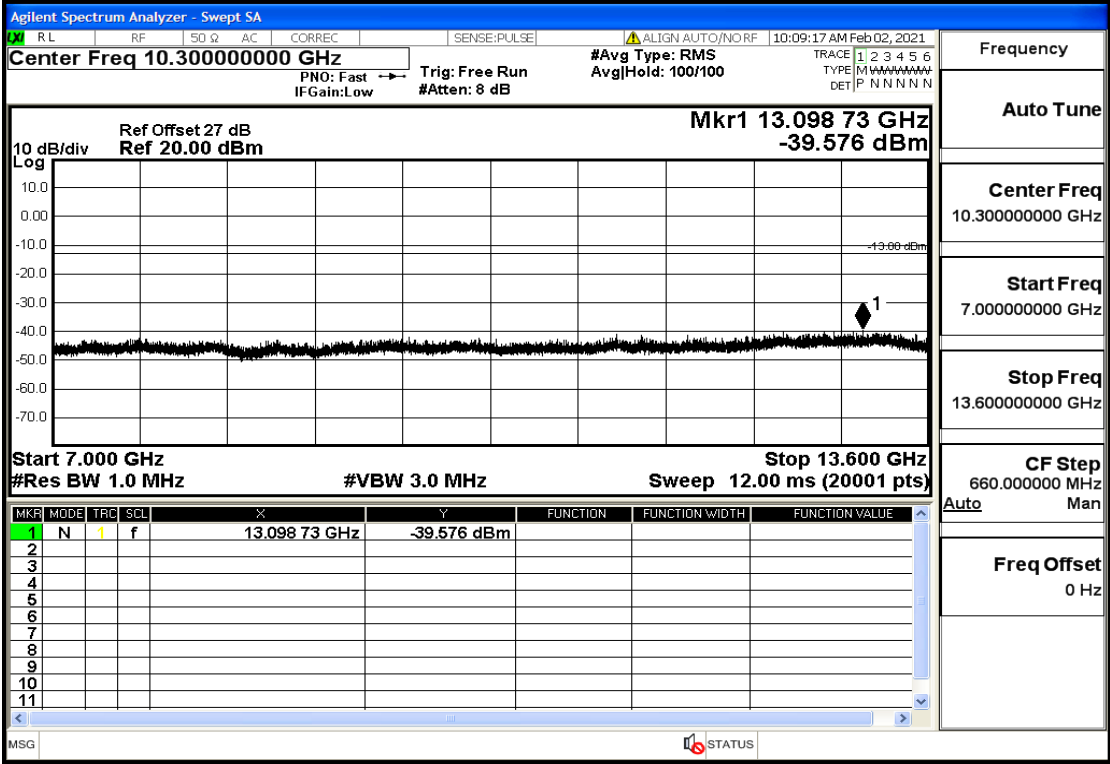
OB4-1.4-1754.3-QPSK-1#HIGH@30mHz-1GHz@Pass



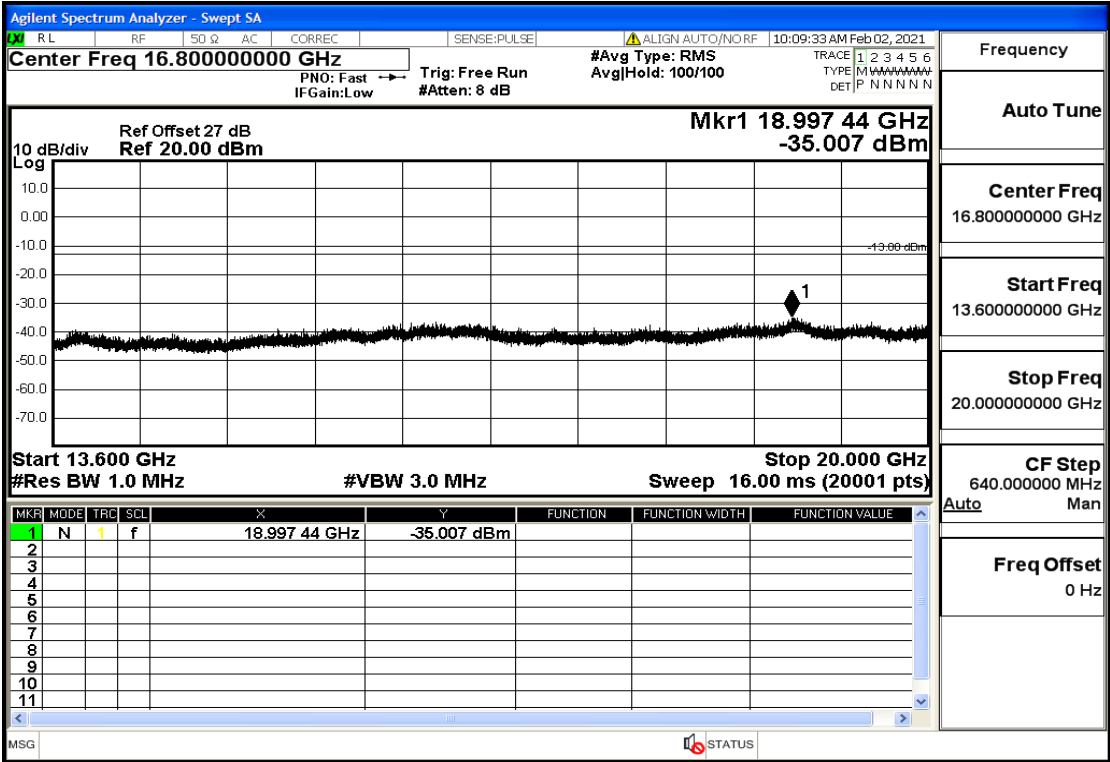
OB4-1.4-1754.3-QPSK-1#HIGH@1GHz-7GHz@Pass



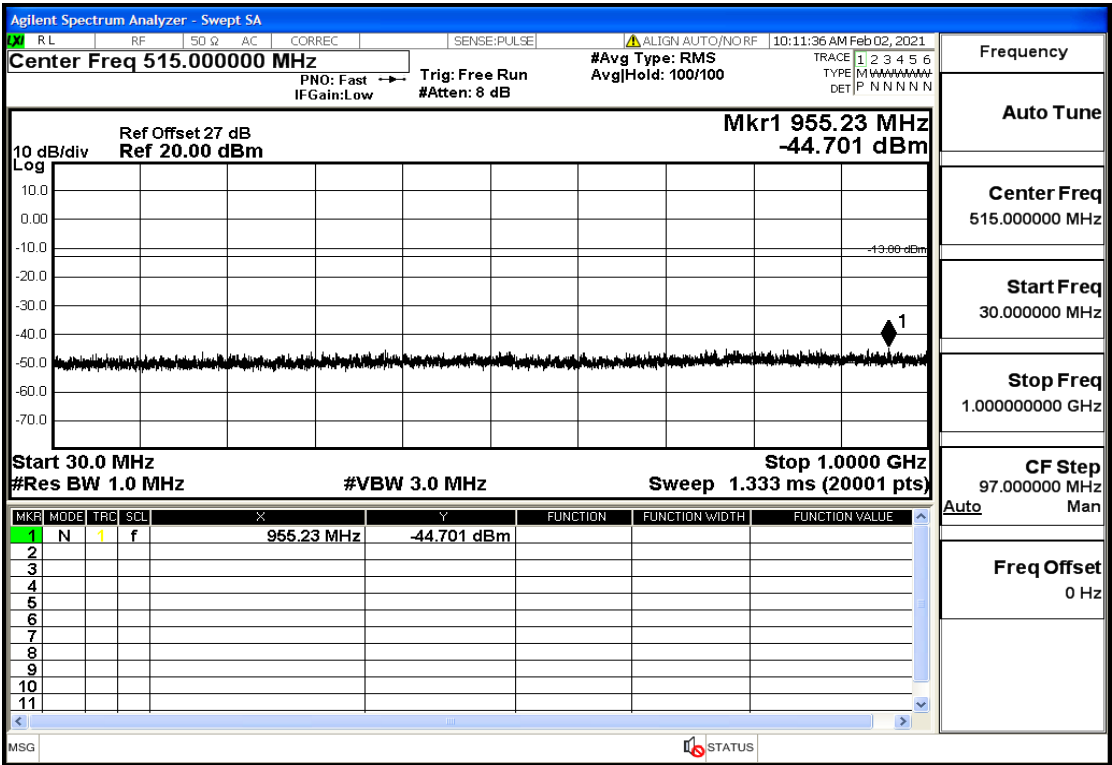
OB4-1.4-1754.3-QPSK-1#HIGH@7GHz-13.6GHz@Pass



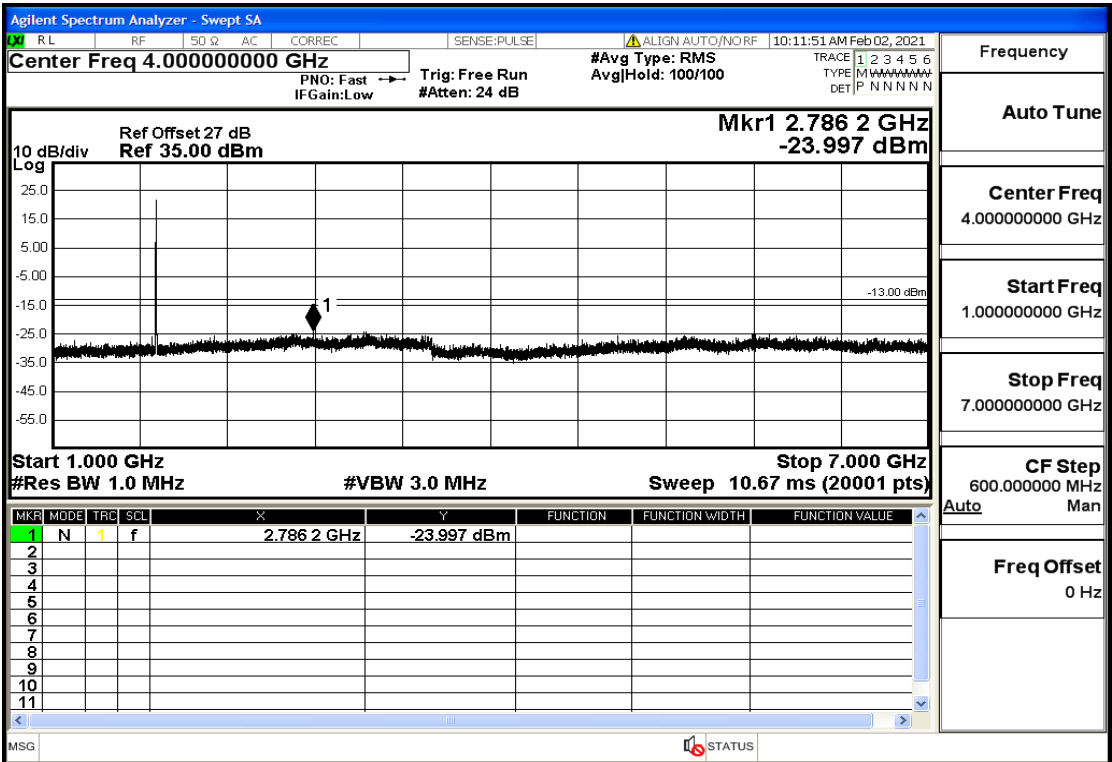
OB4-1.4-1754.3-QPSK-1#HIGH@13.6GHz-20GHz@Pass



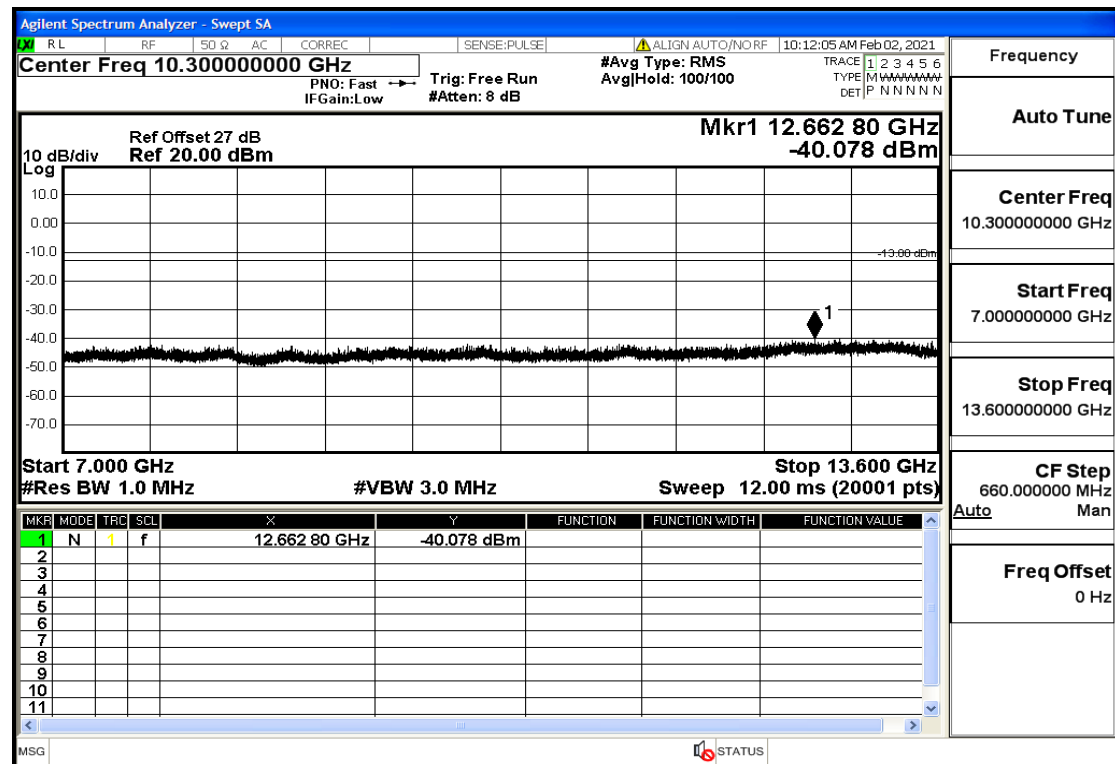
OB4-3-1711.5-QPSK-15#LOW@30mHz-1GHz@Pass



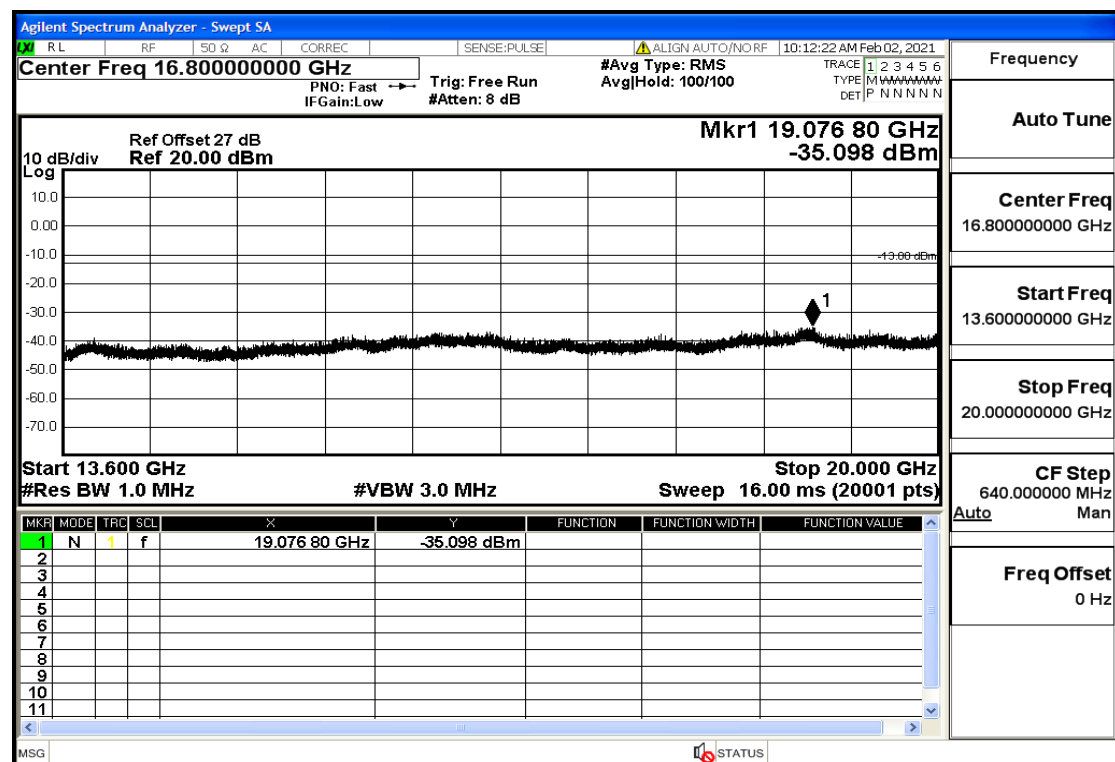
OB4-3-1711.5-QPSK-15#LOW@1GHz-7GHz@Pass



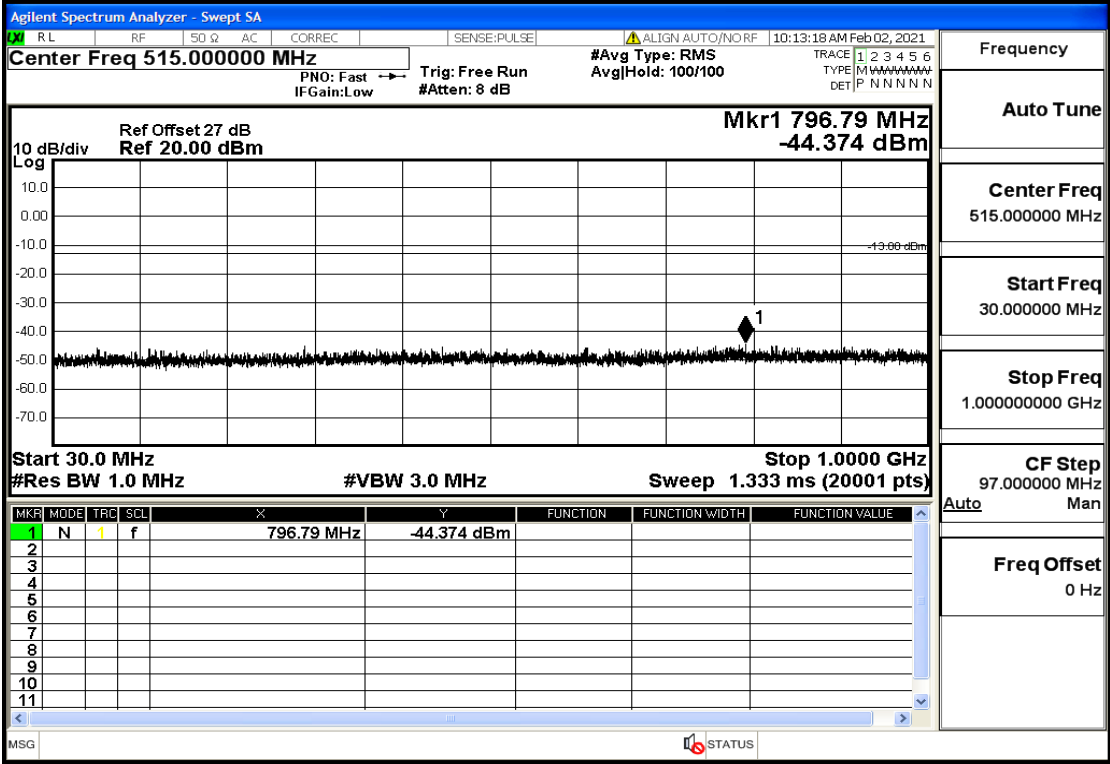
OB4-3-1711.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



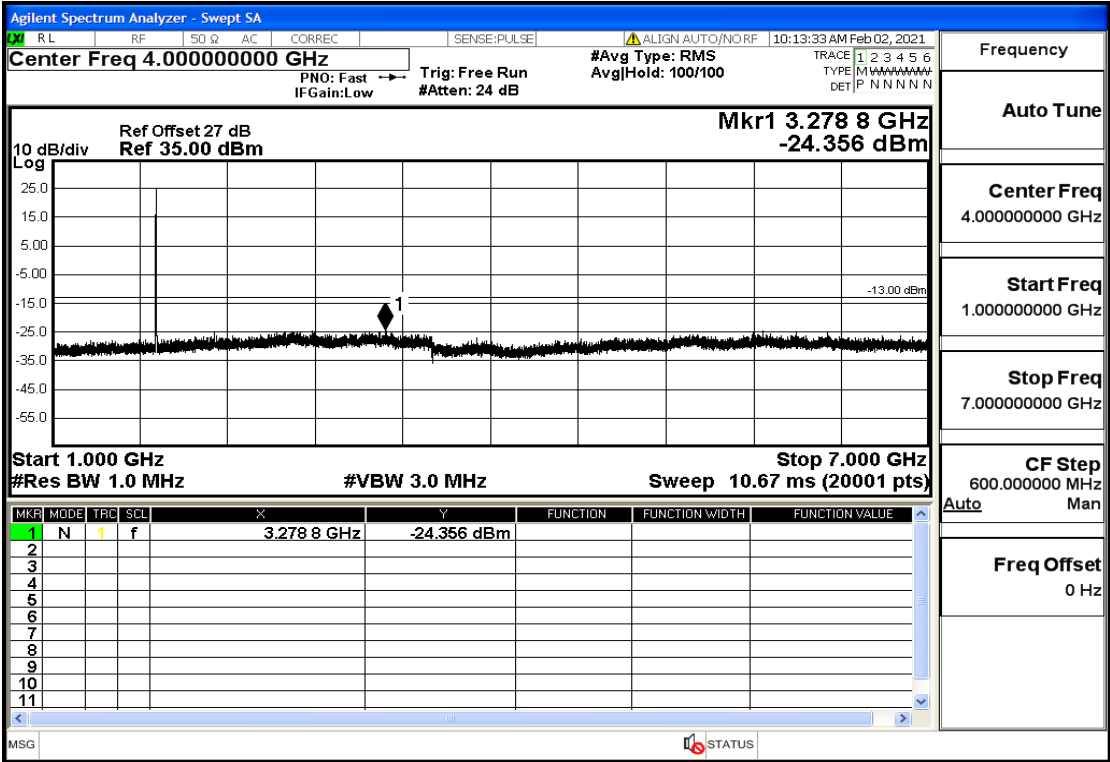
OB4-3-1711.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



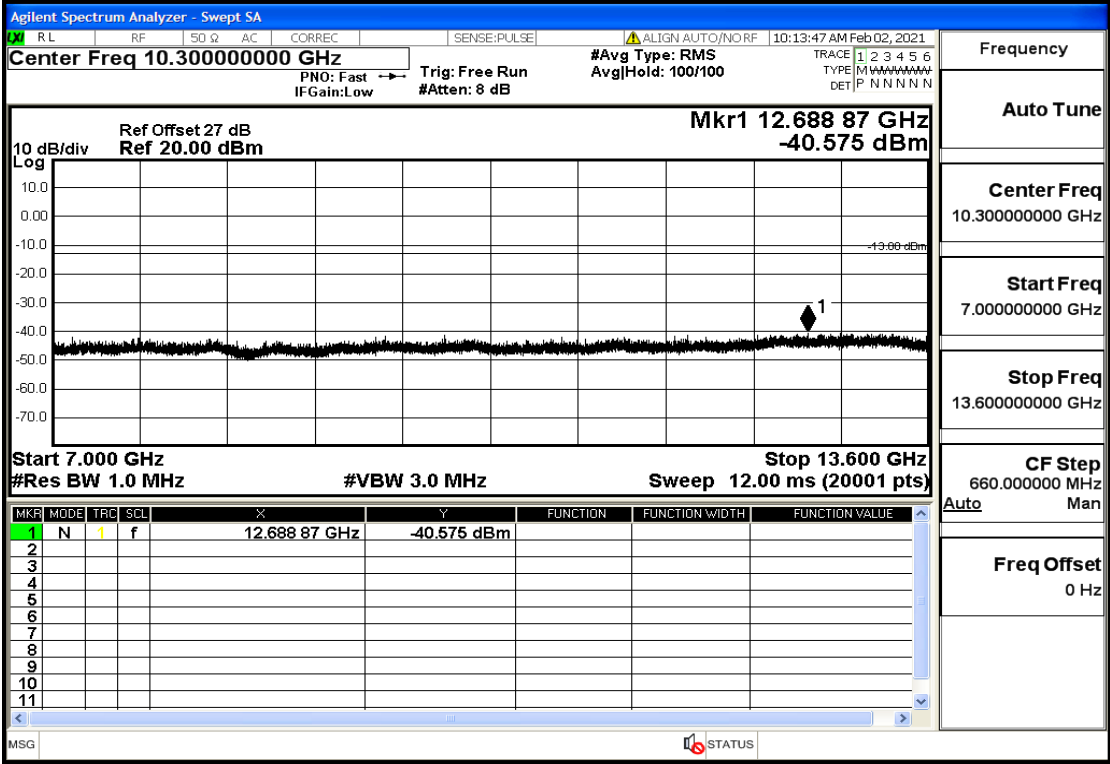
OB4-3-1711.5-QPSK-1#LOW@30mHz-1GHz@Pass



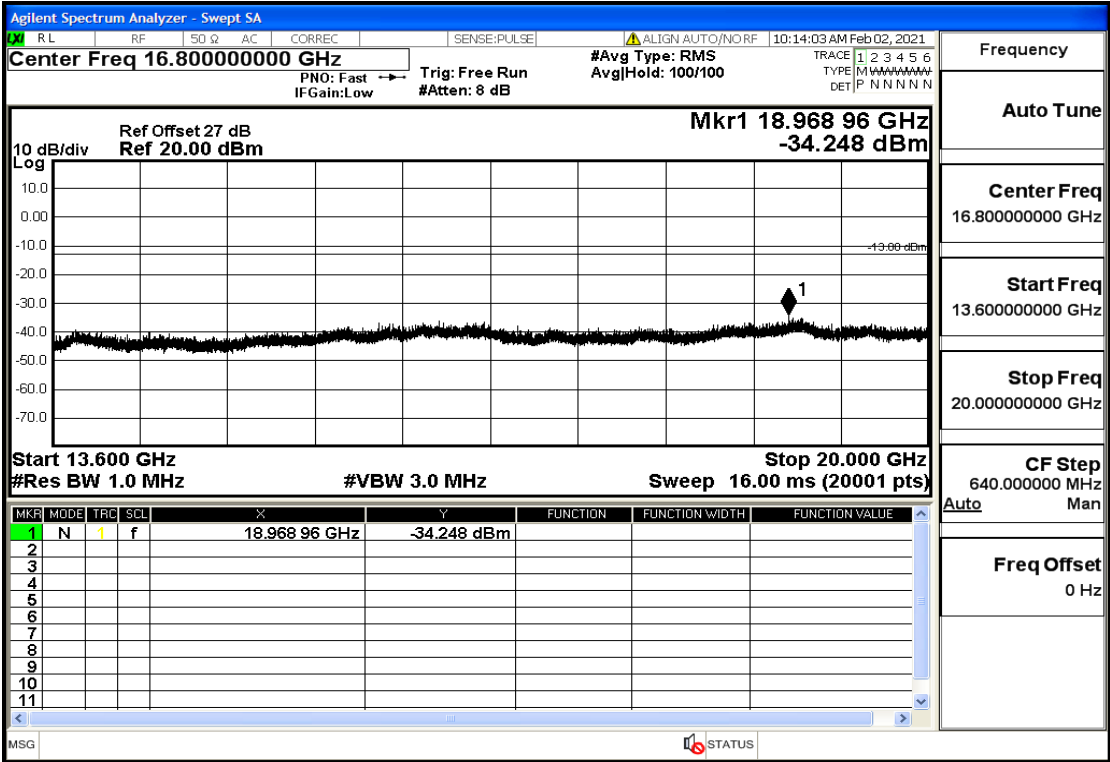
OB4-3-1711.5-QPSK-1#LOW@1GHz-7GHz@Pass



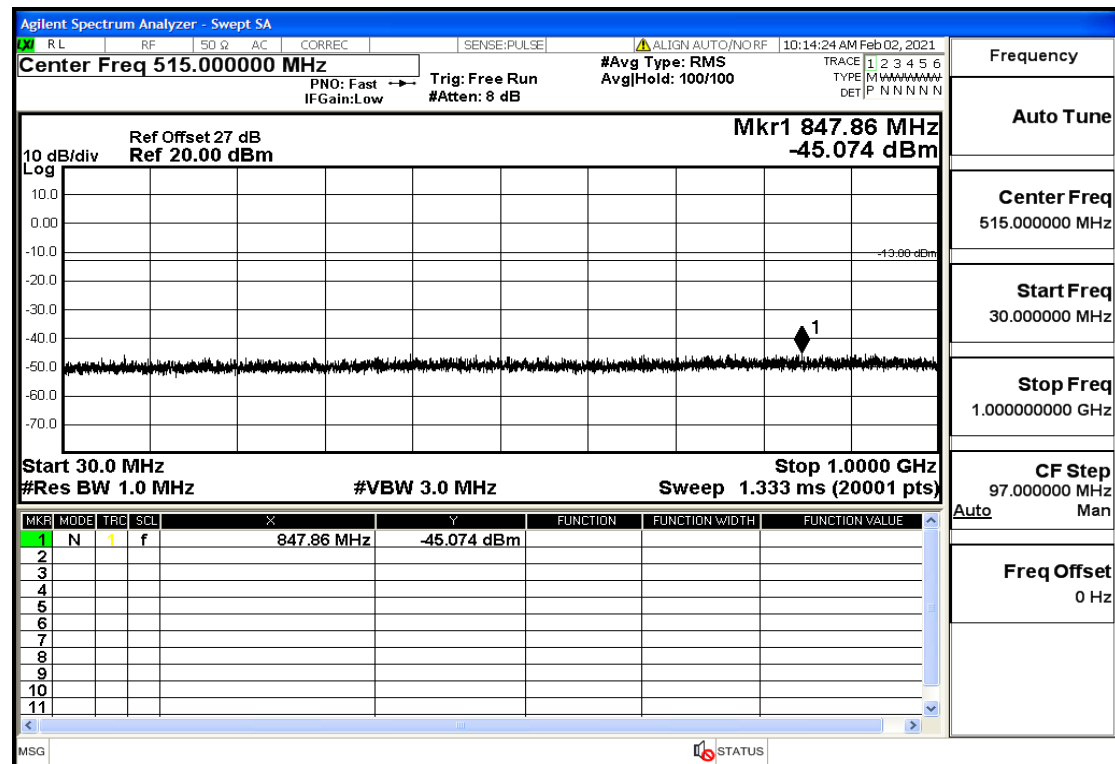
OB4-3-1711.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



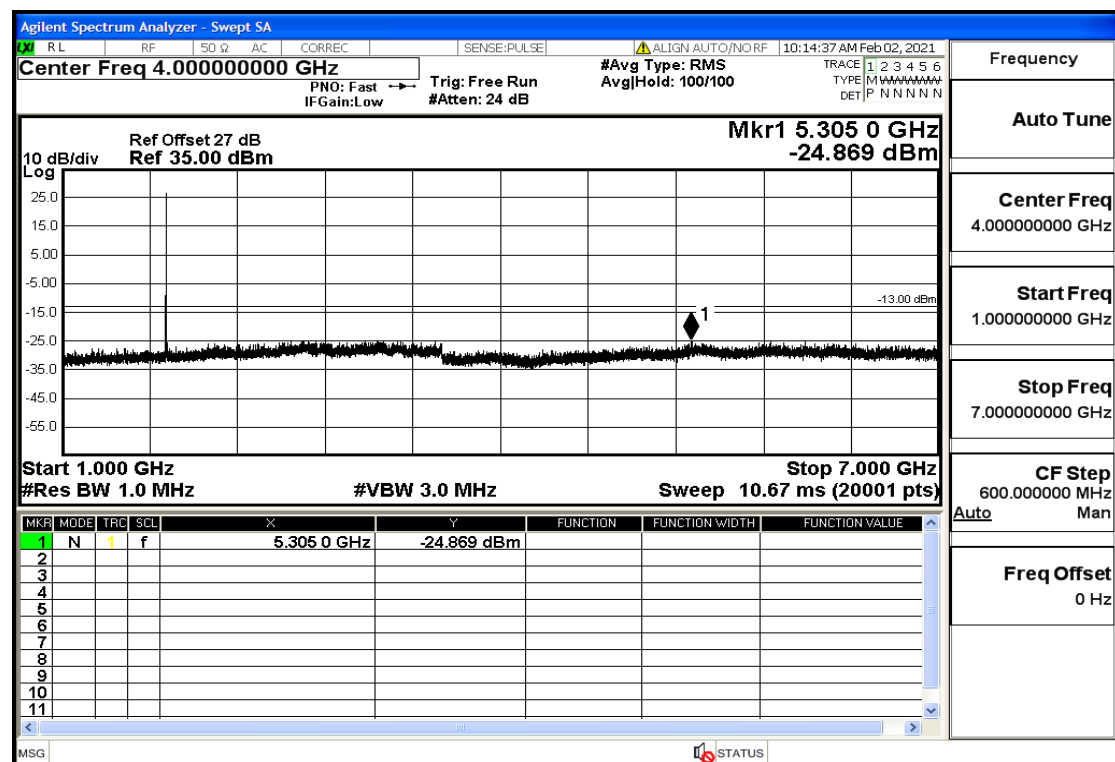
OB4-3-1711.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



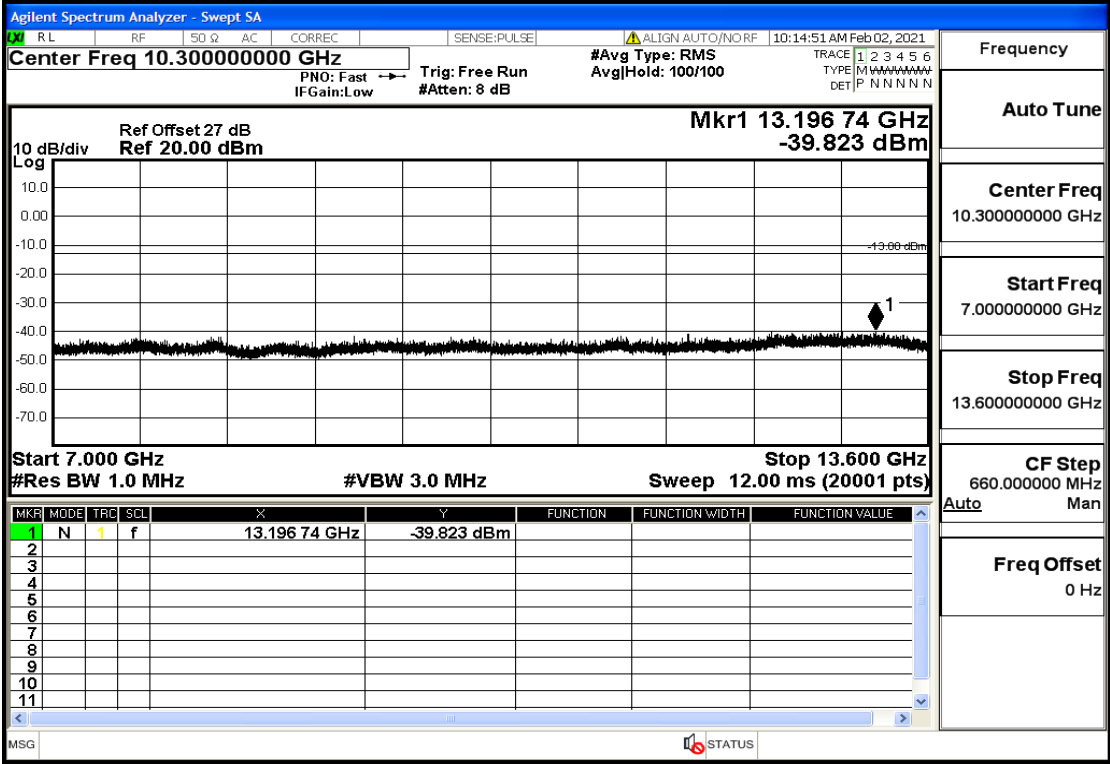
OB4-3-1711.5-QPSK-1#HIGH@30mHz-1GHz@Pass



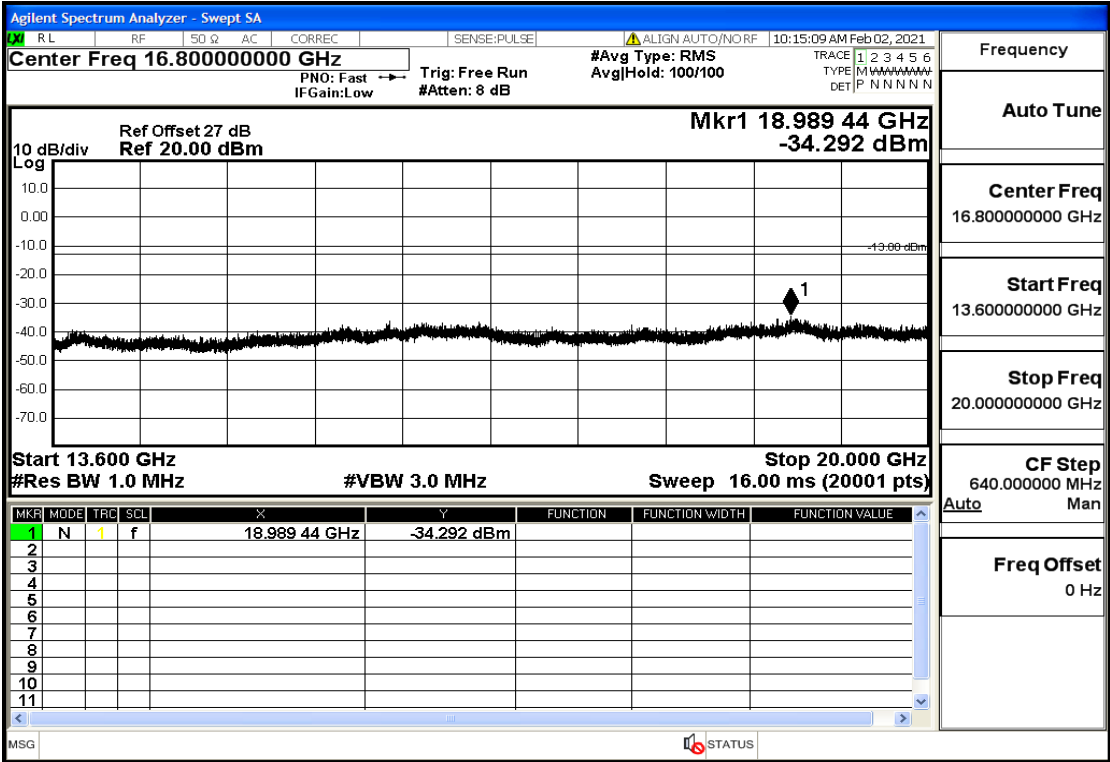
OB4-3-1711.5-QPSK-1#HIGH@1GHz-7GHz@Pass



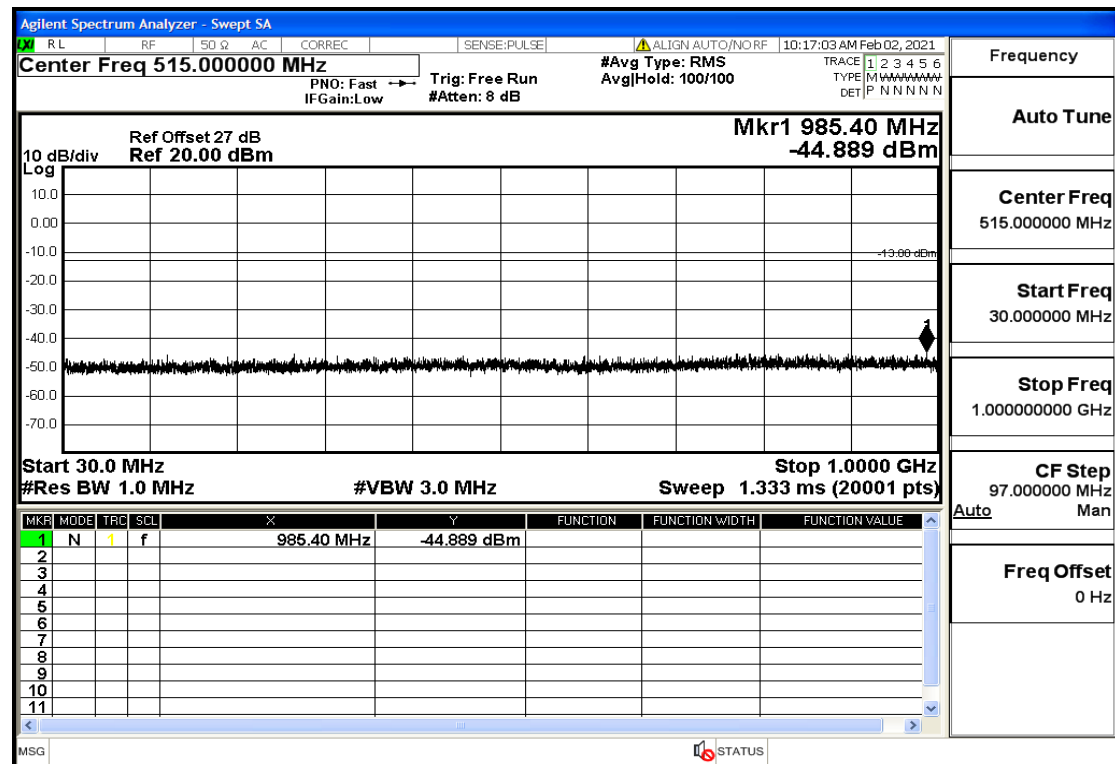
OB4-3-1711.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



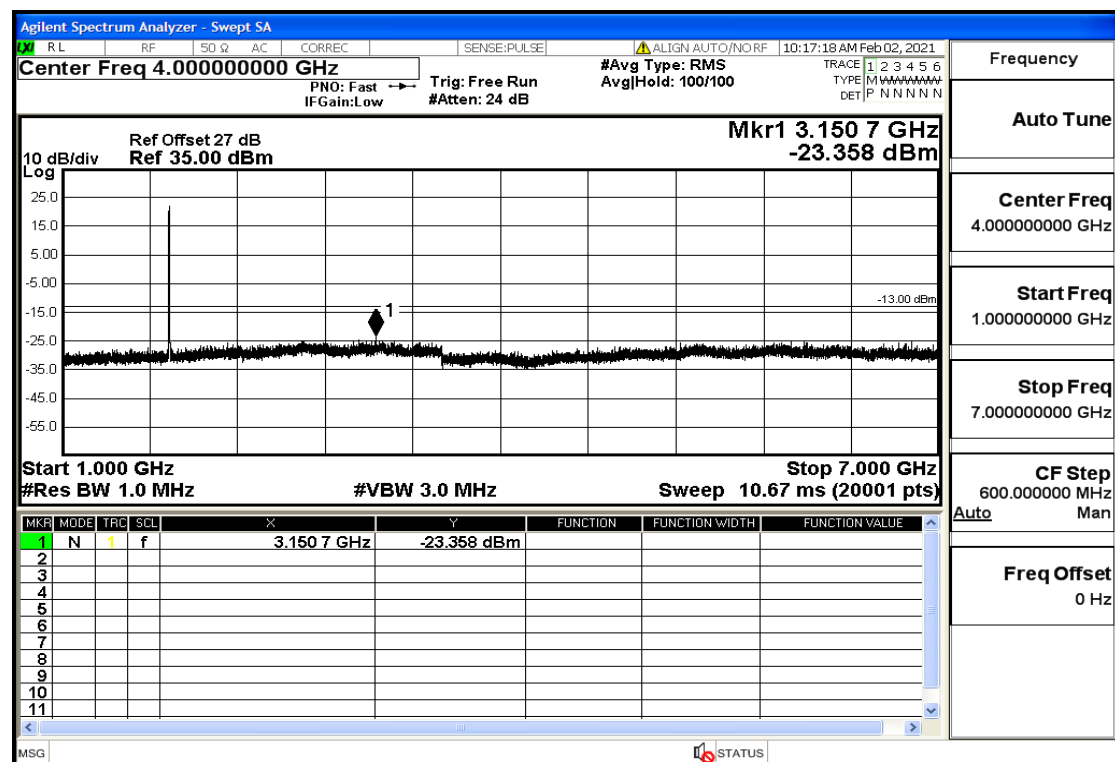
OB4-3-1711.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



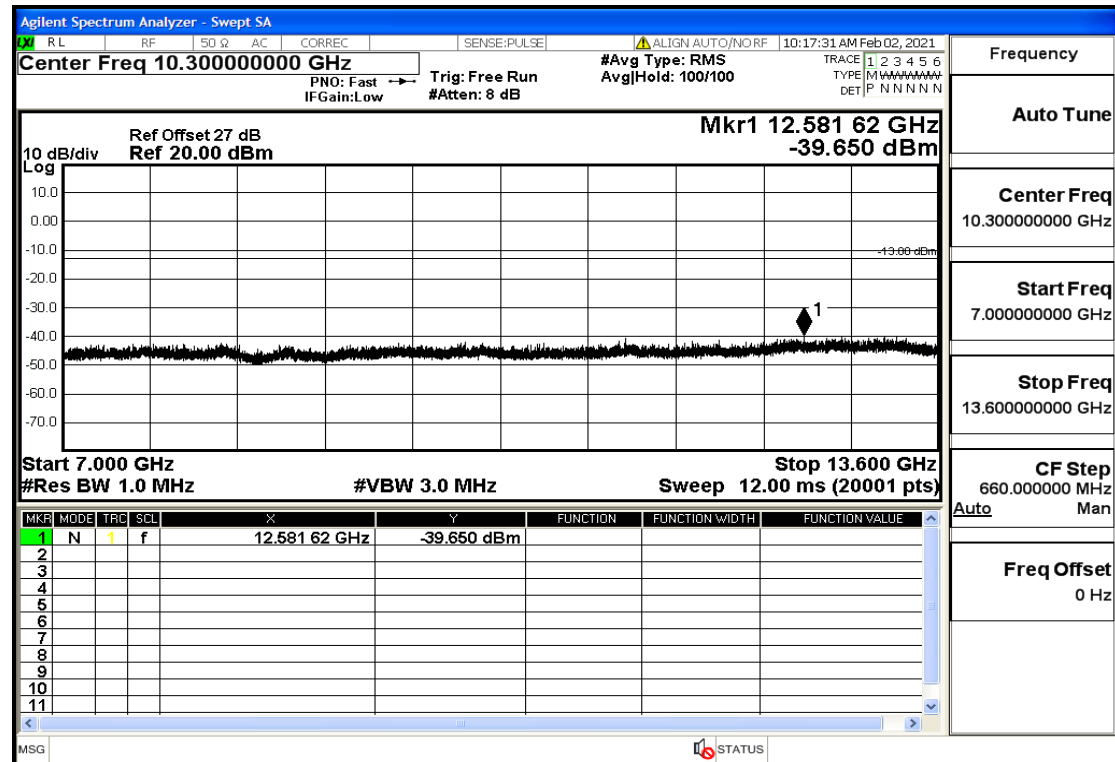
OB4-3-1732.5-QPSK-15#LOW@30mHz-1GHz@Pass



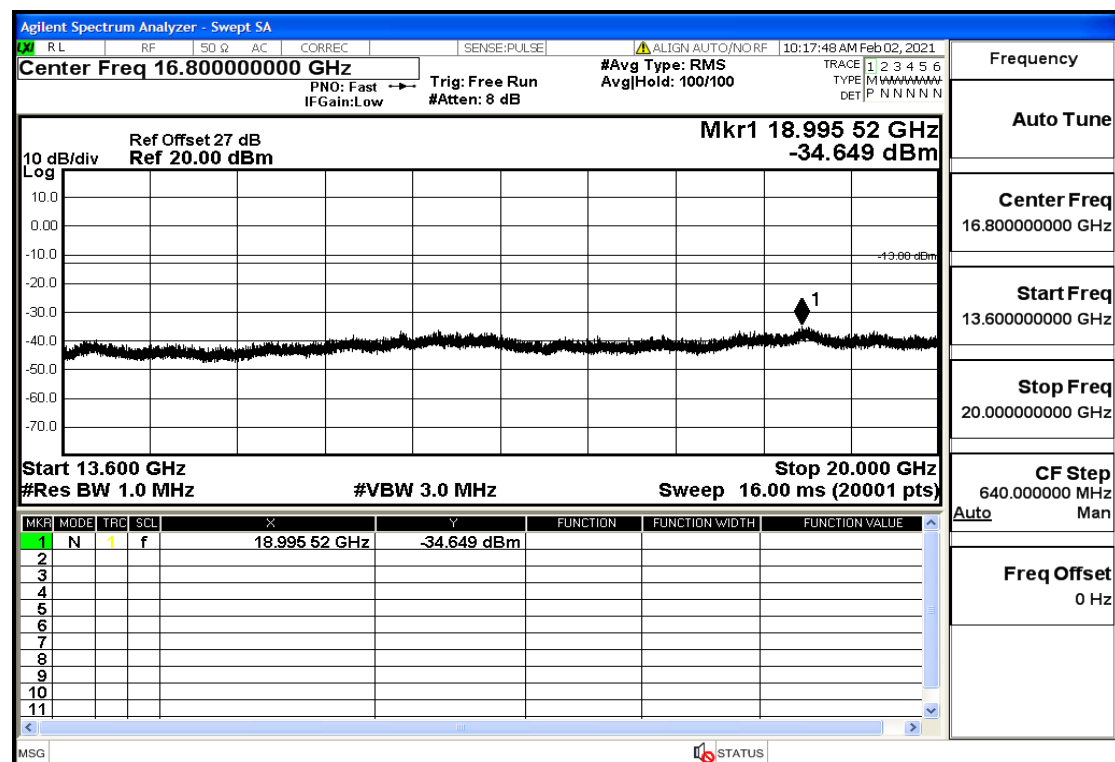
OB4-3-1732.5-QPSK-15#LOW@1GHz-7GHz@Pass



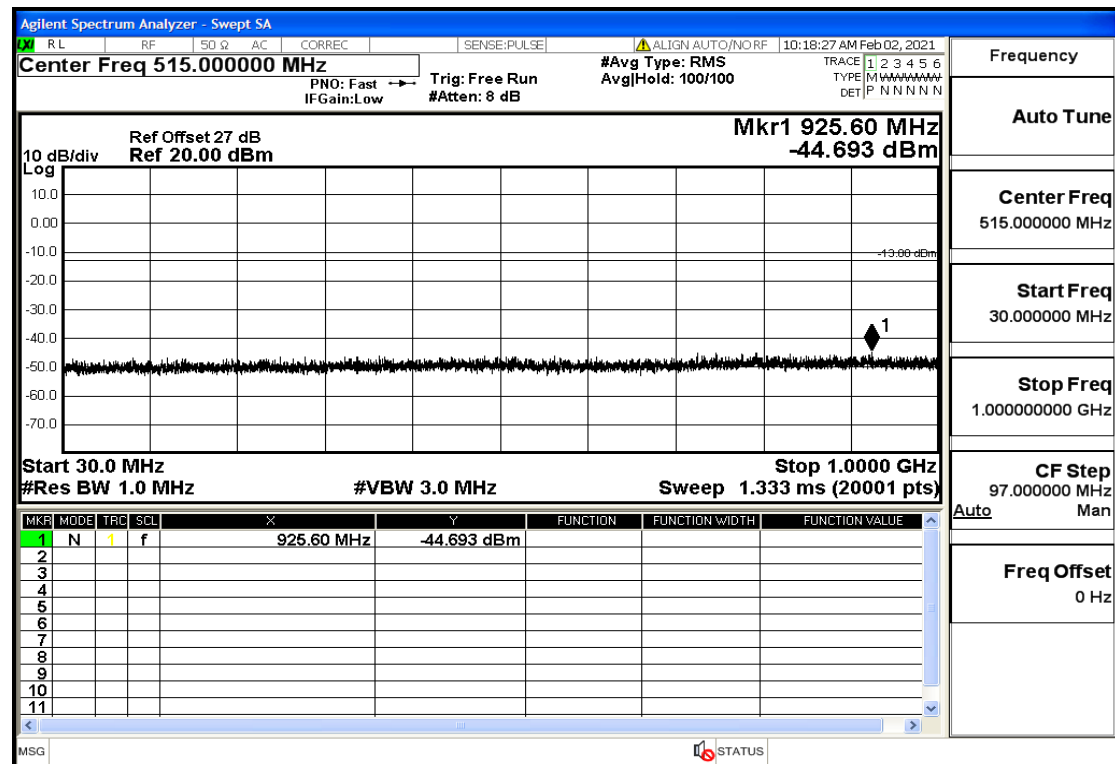
OB4-3-1732.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



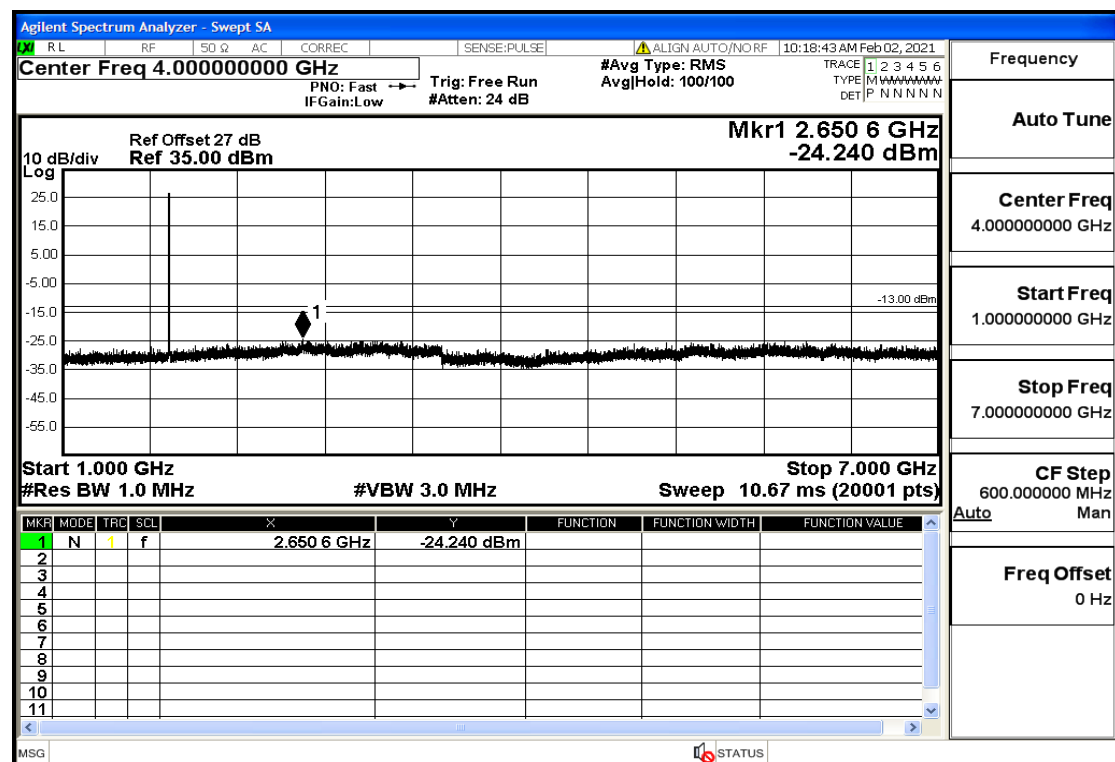
OB4-3-1732.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



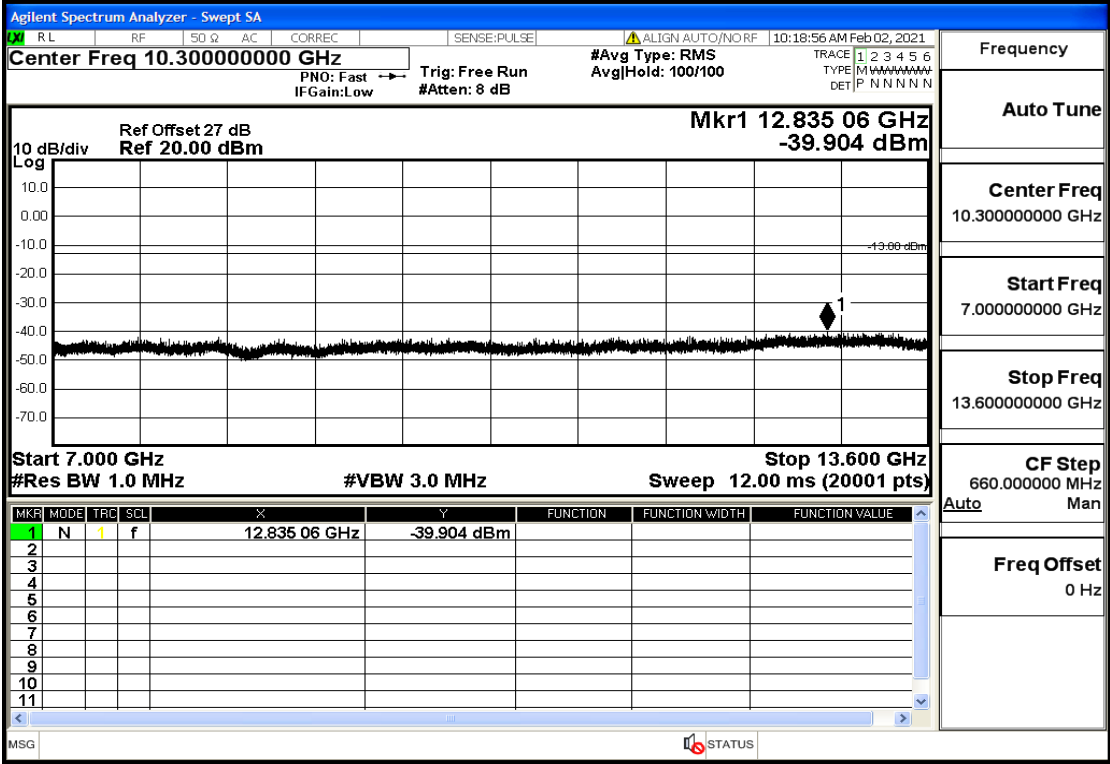
OB4-3-1732.5-QPSK-1#LOW@30mHz-1GHz@Pass



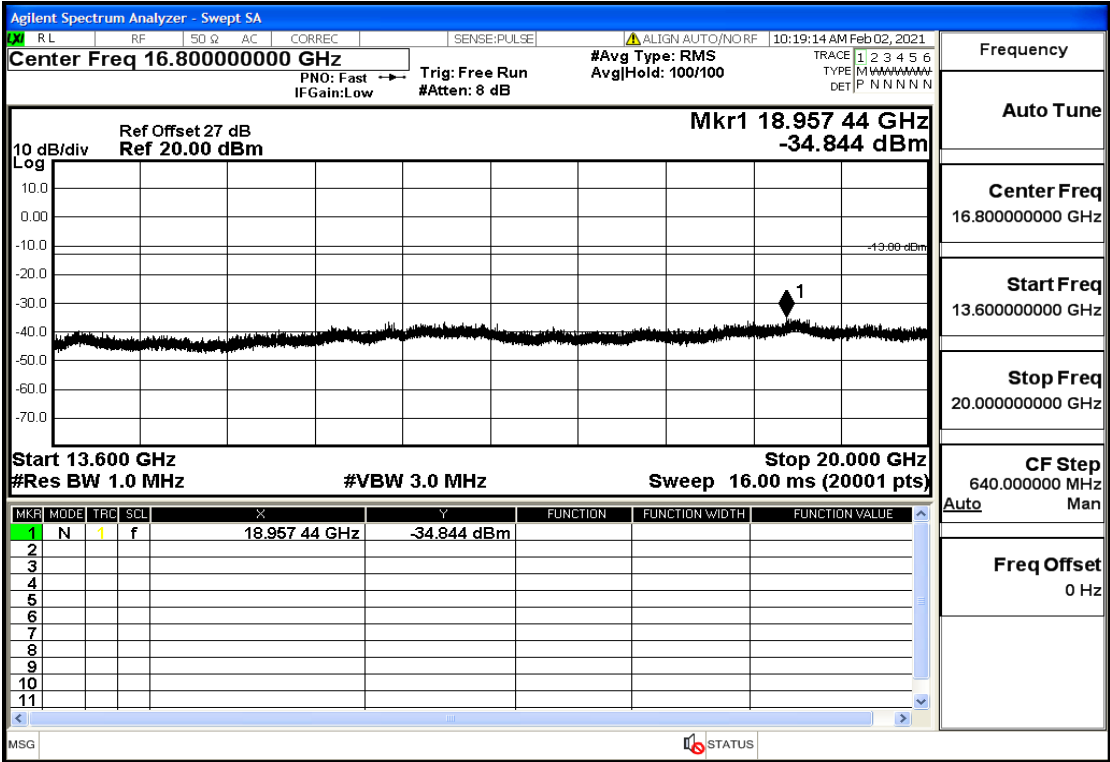
OB4-3-1732.5-QPSK-1#LOW@1GHz-7GHz@Pass



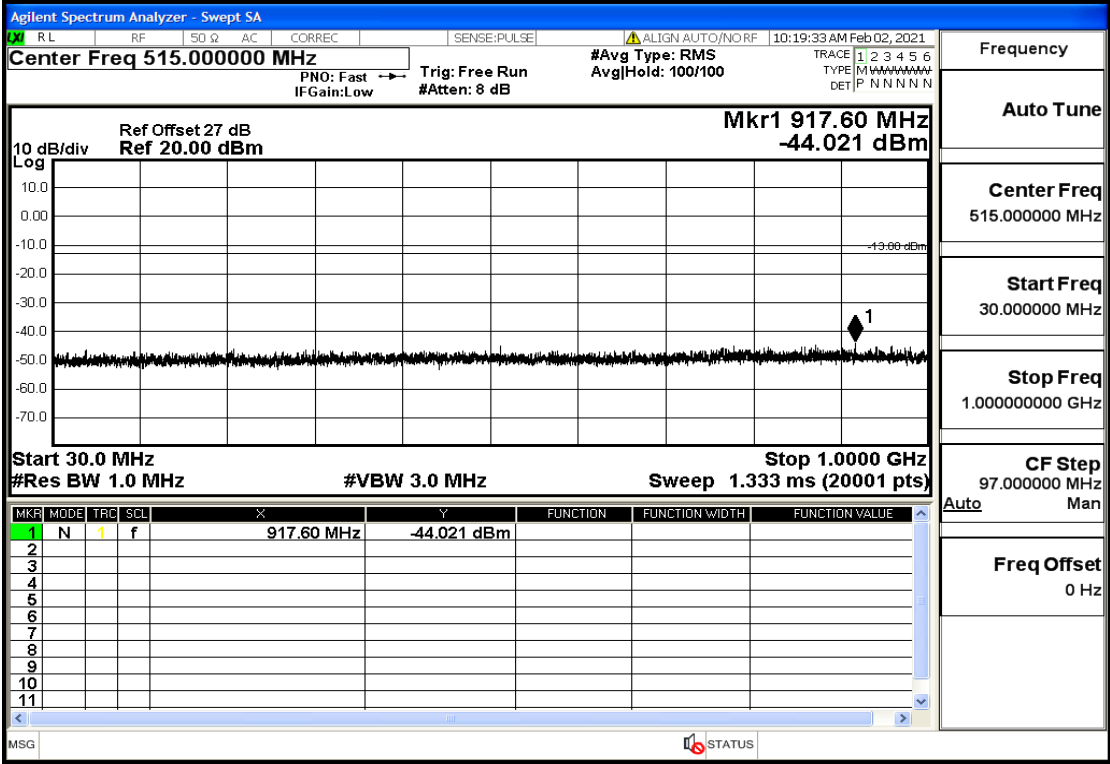
OB4-3-1732.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



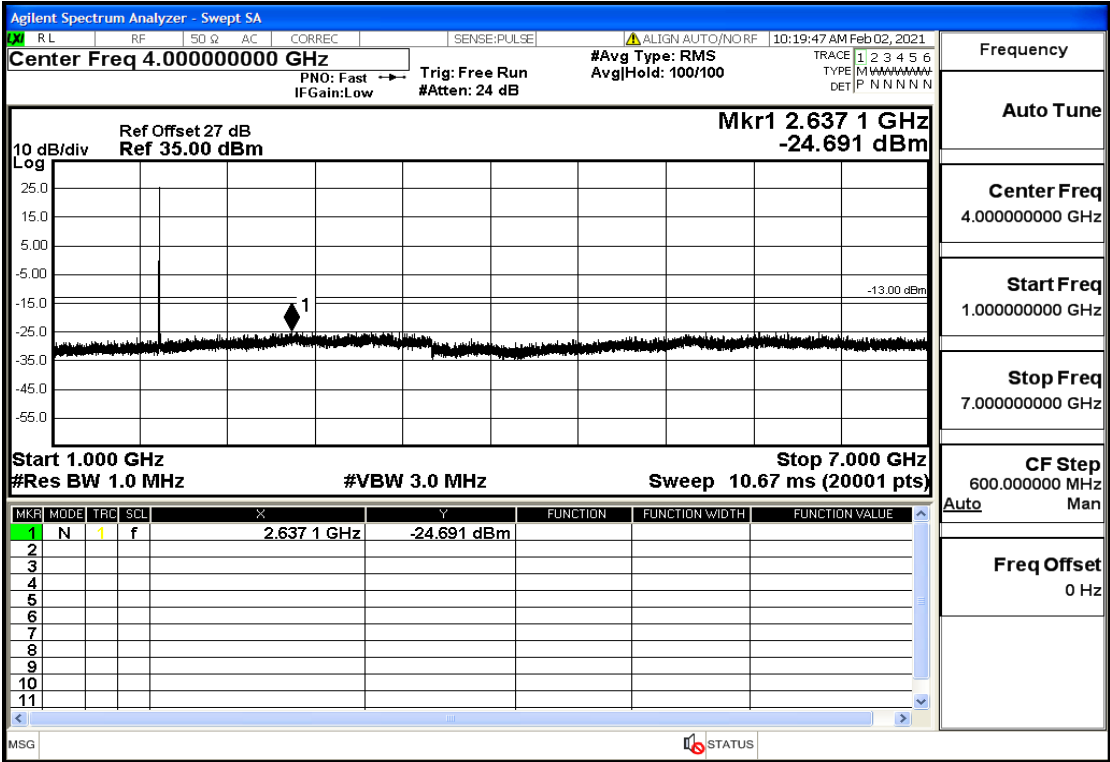
OB4-3-1732.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



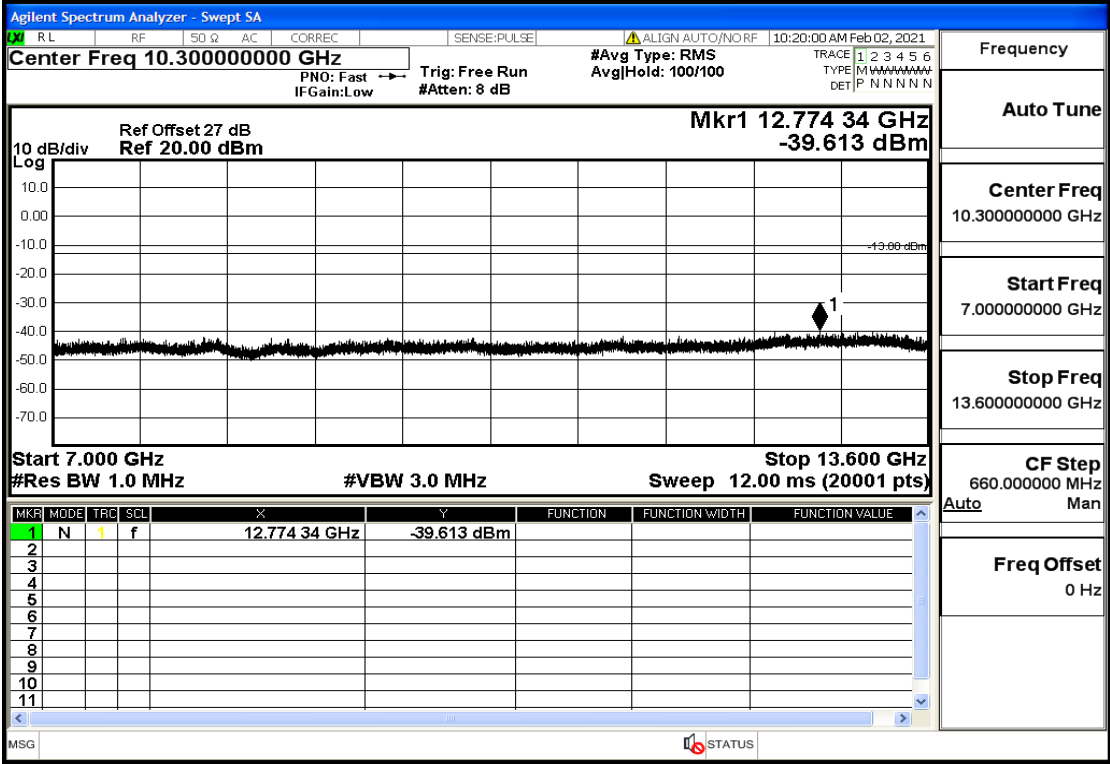
OB4-3-1732.5-QPSK-1#HIGH@30mHz-1GHz@Pass



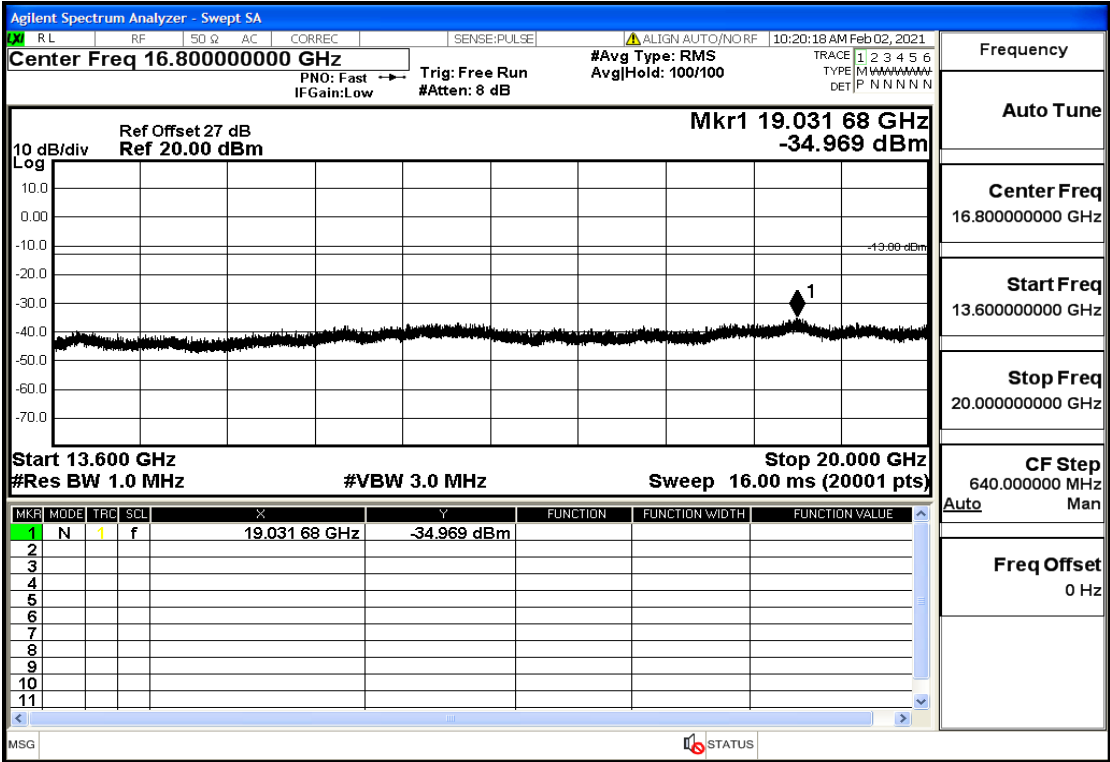
OB4-3-1732.5-QPSK-1#HIGH@1GHz-7GHz@Pass



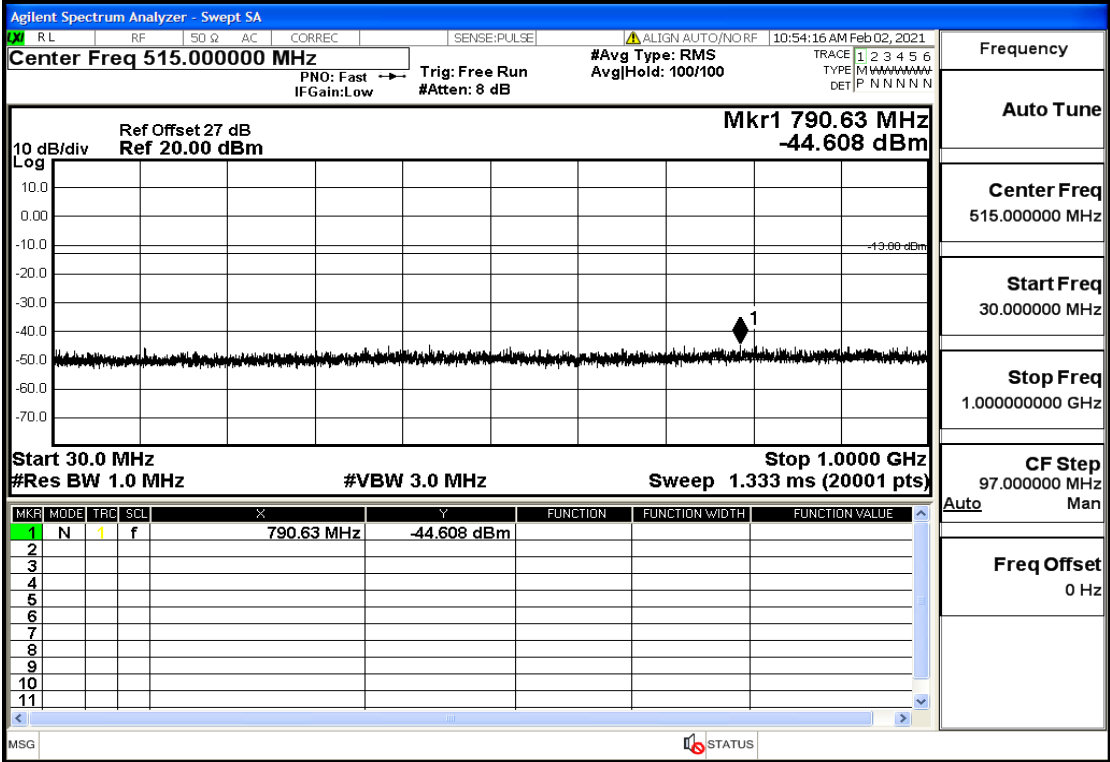
OB4-3-1732.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



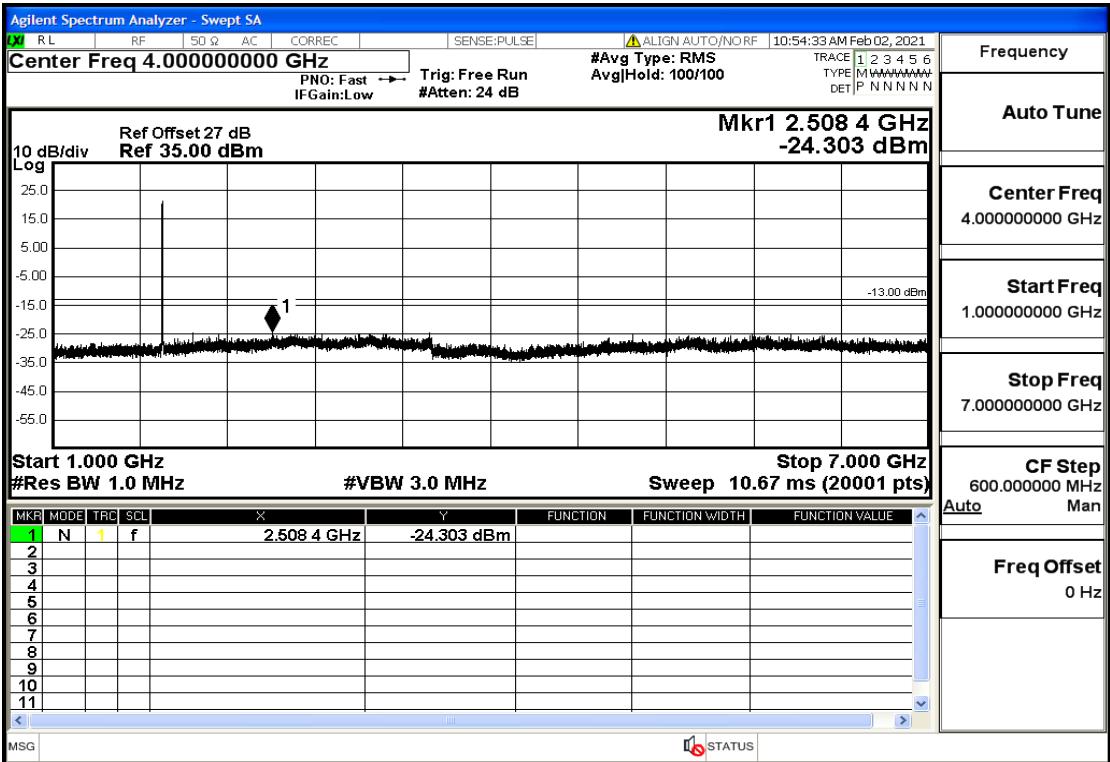
OB4-3-1732.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



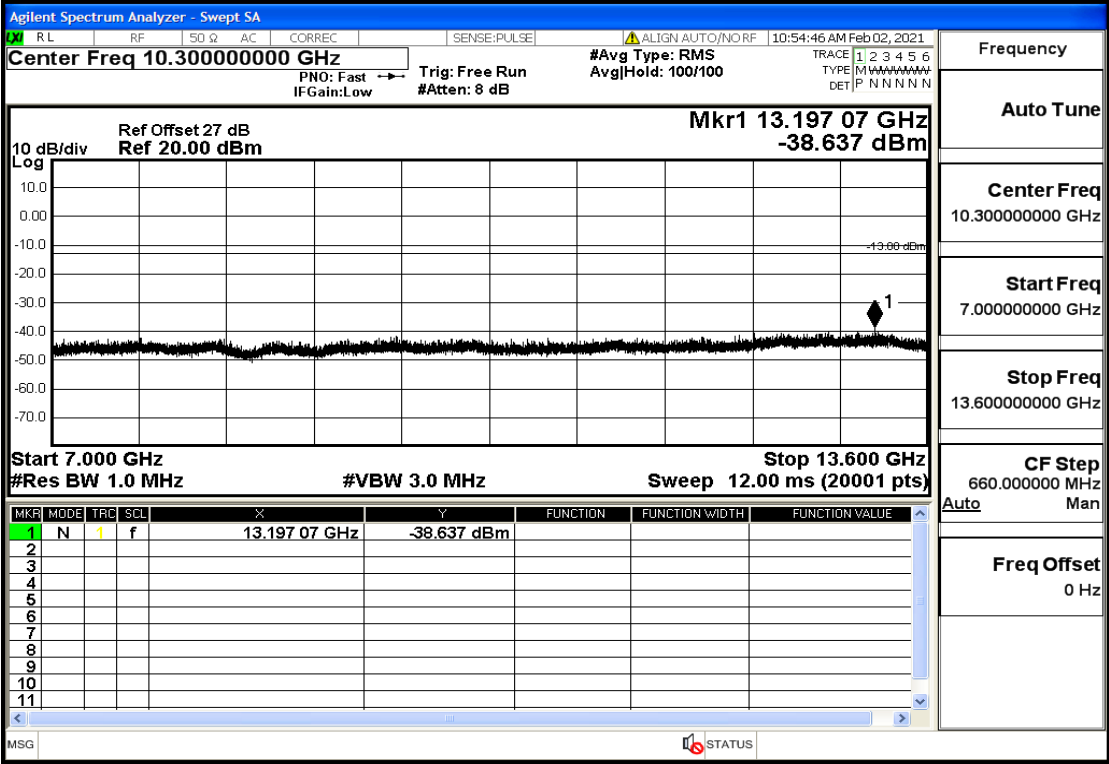
OB4-3-1753.5-QPSK-15#LOW@30mHz-1GHz@Pass



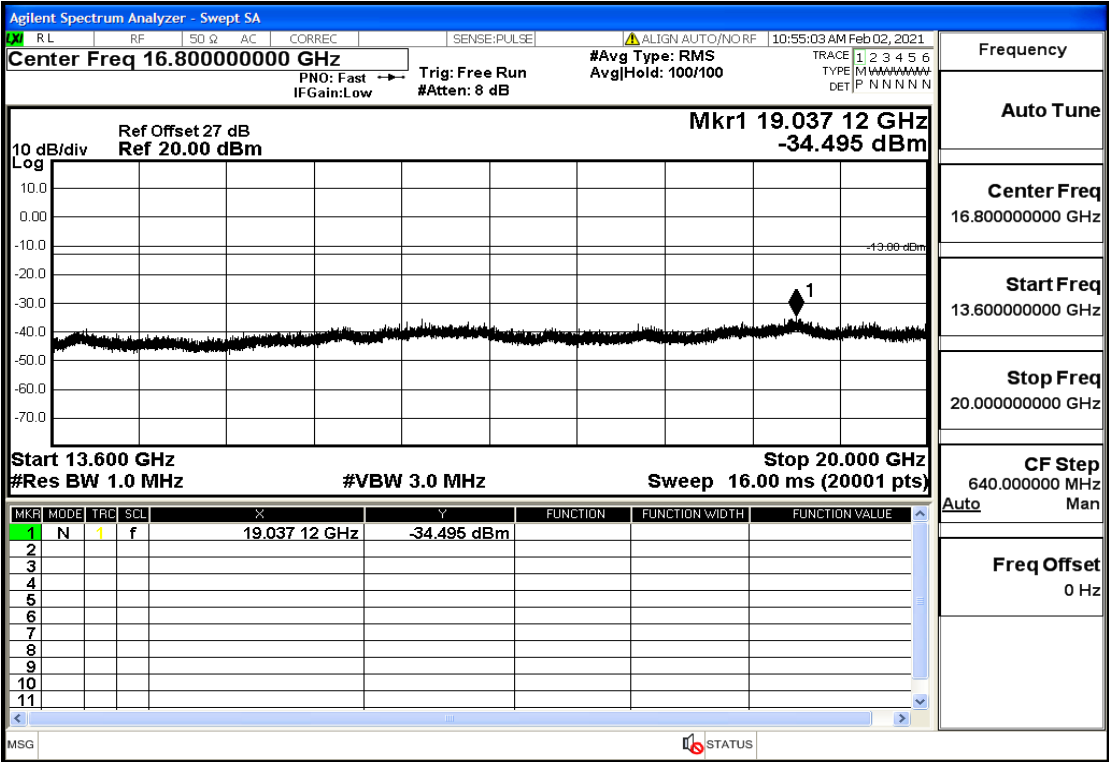
OB4-3-1753.5-QPSK-15#LOW@1GHz-7GHz@Pass



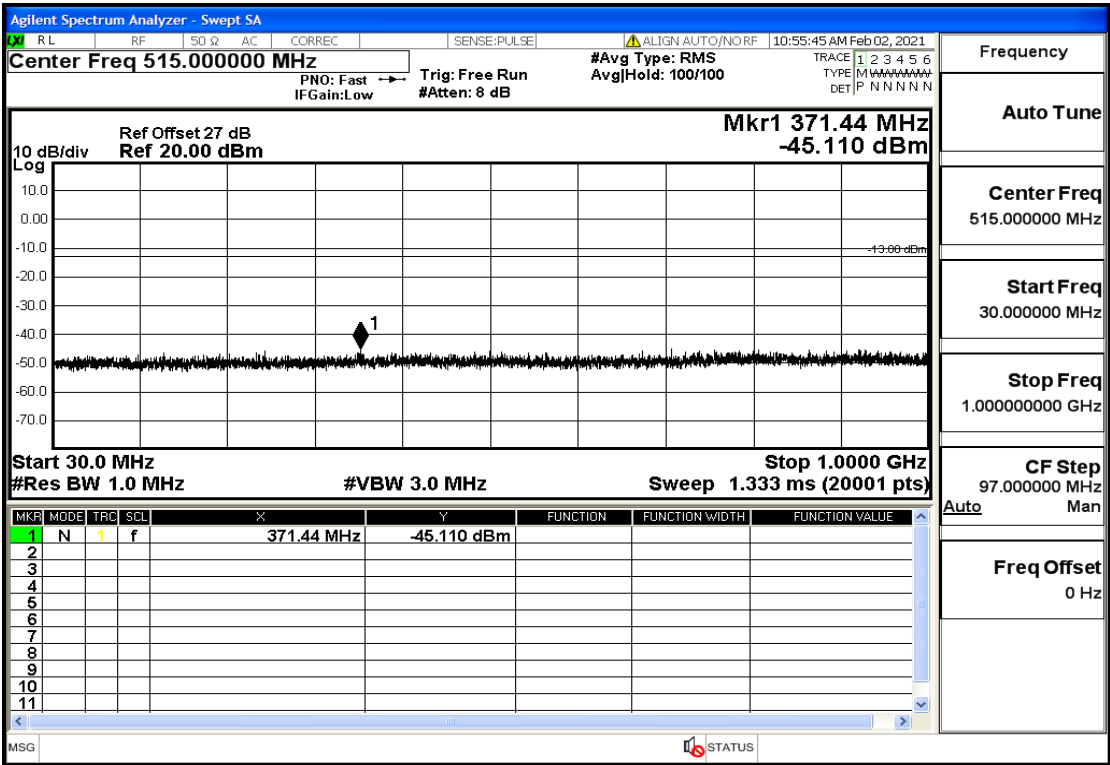
OB4-3-1753.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



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



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



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

