

RF Test Data for LTE (Conducted Measurement)

Product Name: Real-time temperature logger

Trade Mark: Frigga

Test Model: V5C Non-Li(4G-60)

Sample ID: TZ220603347-1#

FCC ID: 2ATWZ-V5X4G

Environmental Conditions

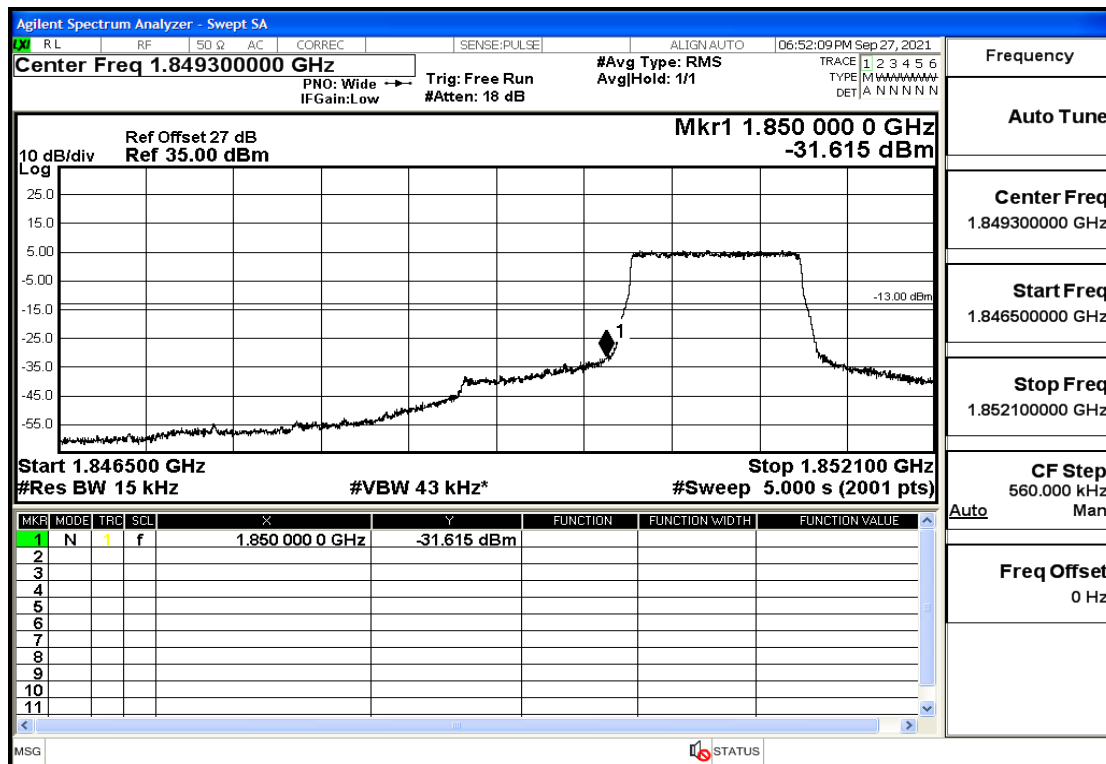
Temperature:	23.5℃
Relative Humidity:	57%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band2

Band Edge and Emission Mask

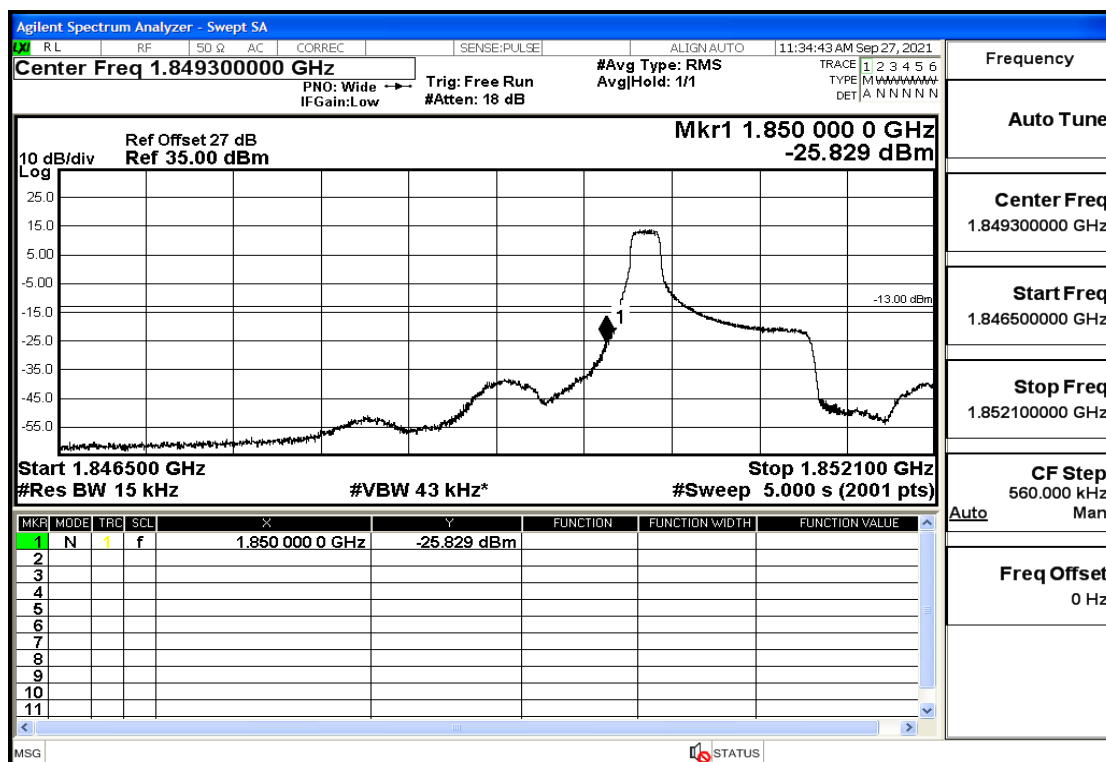
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band2	1.4	1850.7	QPSK	6	LOW	Pass
Band2	1.4	1850.7	QPSK	1	LOW	Pass
Band2	1.4	1850.7	16QAM	6	LOW	Pass
Band2	1.4	1850.7	16QAM	1	LOW	Pass
Band2	1.4	1909.3	QPSK	6	LOW	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	Pass
Band2	1.4	1909.3	16QAM	6	LOW	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	Pass
Band2	3	1851.5	QPSK	15	LOW	Pass
Band2	3	1851.5	QPSK	1	LOW	Pass
Band2	3	1851.5	16QAM	15	LOW	Pass
Band2	3	1851.5	16QAM	1	LOW	Pass
Band2	3	1908.5	QPSK	15	LOW	Pass
Band2	3	1908.5	QPSK	1	HIGH	Pass
Band2	3	1908.5	16QAM	15	LOW	Pass
Band2	3	1908.5	16QAM	1	HIGH	Pass
Band2	5	1852.5	QPSK	25	LOW	Pass
Band2	5	1852.5	QPSK	1	LOW	Pass
Band2	5	1852.5	16QAM	25	LOW	Pass
Band2	5	1852.5	16QAM	1	LOW	Pass
Band2	5	1907.5	QPSK	25	LOW	Pass
Band2	5	1907.5	QPSK	1	HIGH	Pass
Band2	5	1907.5	16QAM	25	LOW	Pass
Band2	5	1907.5	16QAM	1	HIGH	Pass
Band2	10	1855	QPSK	50	LOW	Pass
Band2	10	1855	QPSK	1	LOW	Pass
Band2	10	1855	16QAM	12	LOW	Pass
Band2	10	1855	16QAM	1	LOW	Pass
Band2	10	1905	QPSK	50	LOW	Pass
Band2	10	1905	QPSK	1	HIGH	Pass
Band2	10	1905	16QAM	12	LOW	Pass
Band2	10	1905	16QAM	1	HIGH	Pass
Band2	15	1857.5	QPSK	75	LOW	Pass
Band2	15	1857.5	QPSK	1	LOW	Pass
Band2	15	1857.5	16QAM	16	LOW	Pass
Band2	15	1857.5	16QAM	1	LOW	Pass
Band2	15	1902.5	QPSK	75	LOW	Pass
Band2	15	1902.5	QPSK	1	HIGH	Pass
Band2	15	1902.5	16QAM	16	LOW	Pass
Band2	15	1902.5	16QAM	1	HIGH	Pass
Band2	20	1860	QPSK	100	LOW	Pass

Band2	20	1860	QPSK	1	LOW	Pass
Band2	20	1860	16QAM	18	LOW	Pass
Band2	20	1860	16QAM	1	LOW	Pass
Band2	20	1900	QPSK	100	LOW	Pass
Band2	20	1900	QPSK	1	HIGH	Pass
Band2	20	1900	16QAM	18	HIGH	Pass
Band2	20	1900	16QAM	1	HIGH	Pass
Band2	10	1905	16QAM	12	HIGH	Pass
Band2	15	1902.5	16QAM	16	HIGH	Pass

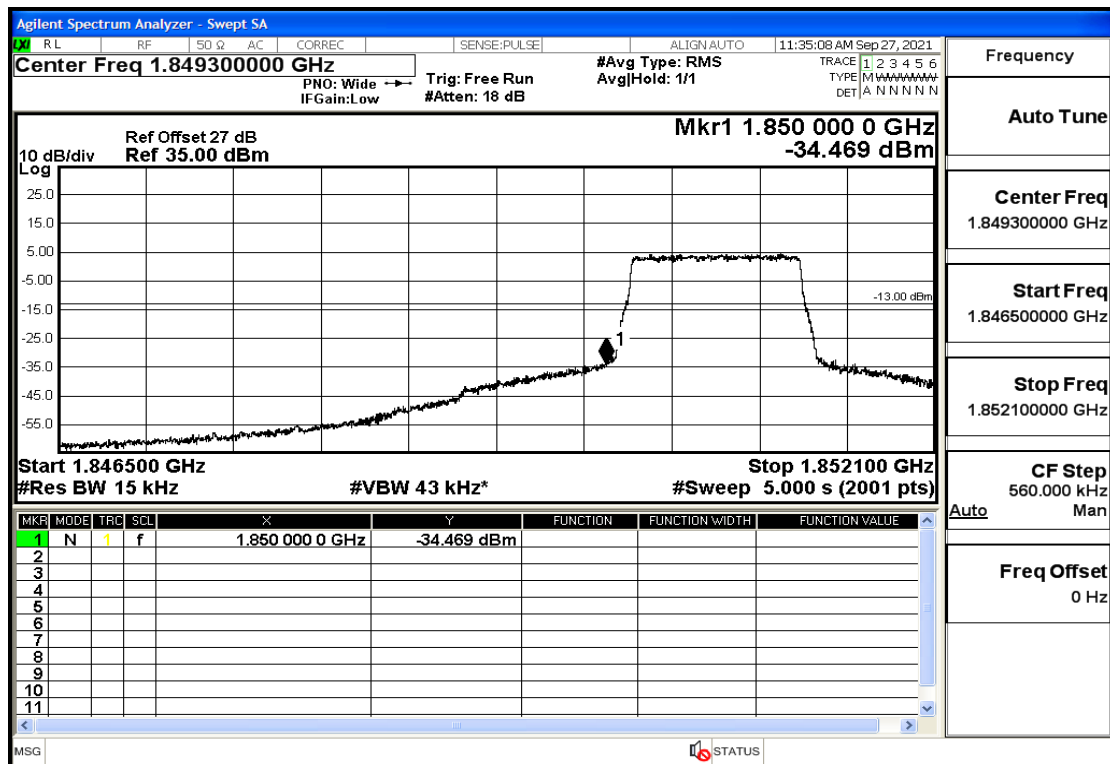
Band2-1.4-1850.7-QPSK-6#LOW@Pass



Band2-1.4-1850.7-QPSK-1#LOW@Pass



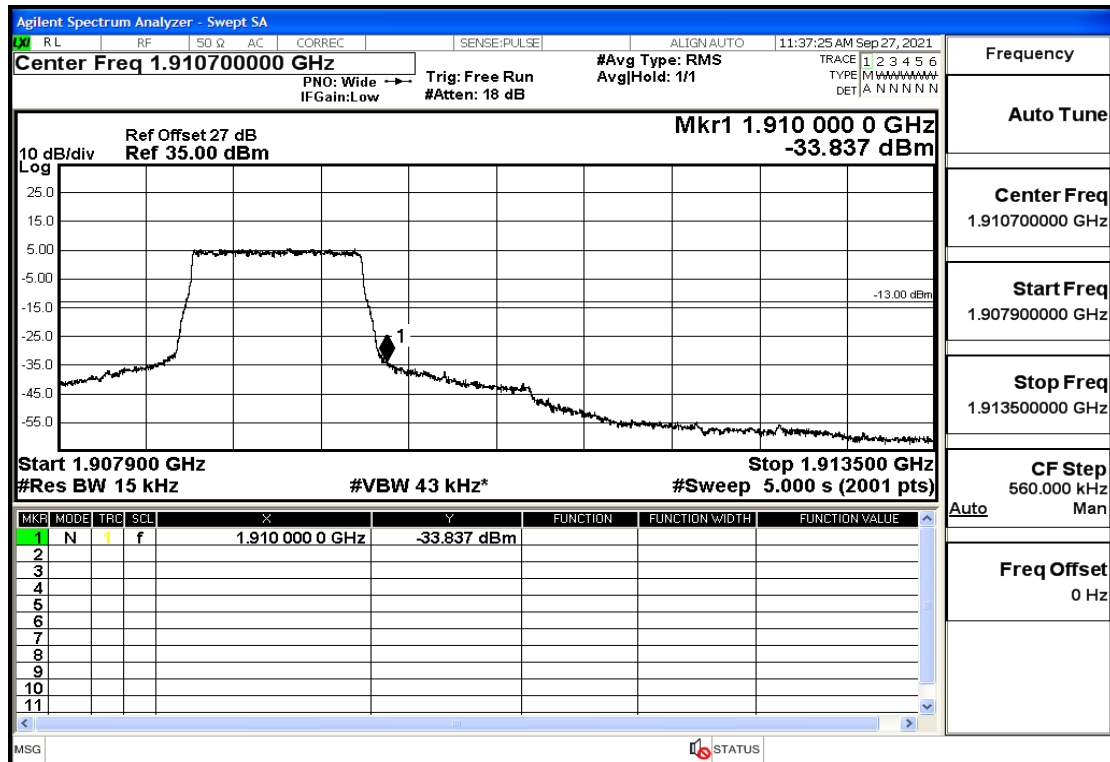
Band2-1.4-1850.7-16QAM-6#LOW@Pass



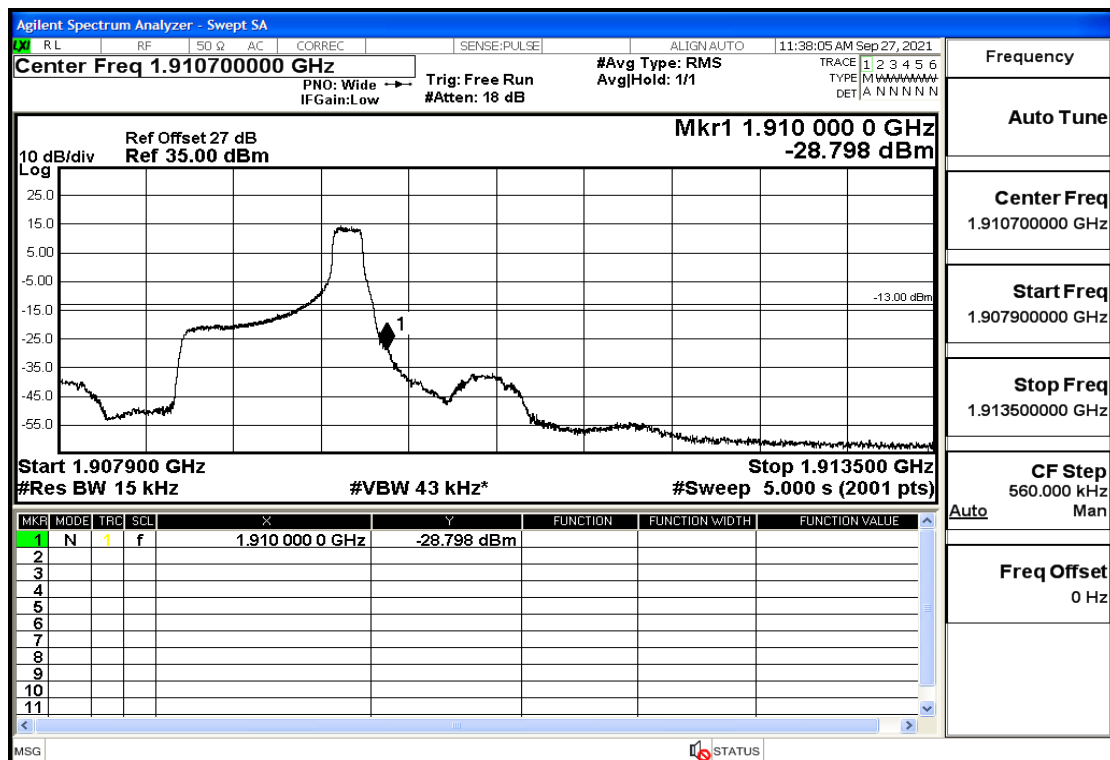
Band2-1.4-1850.7-16QAM-1#LOW@Pass



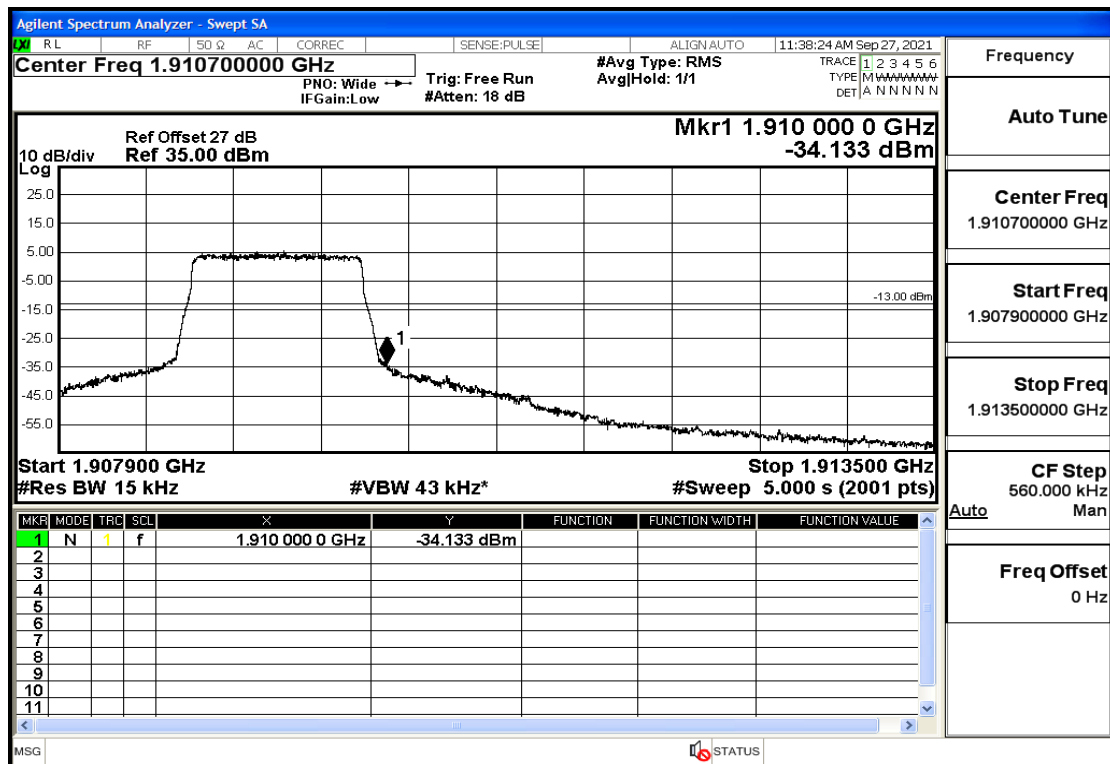
Band2-1.4-1909.3-QPSK-6#LOW@Pass



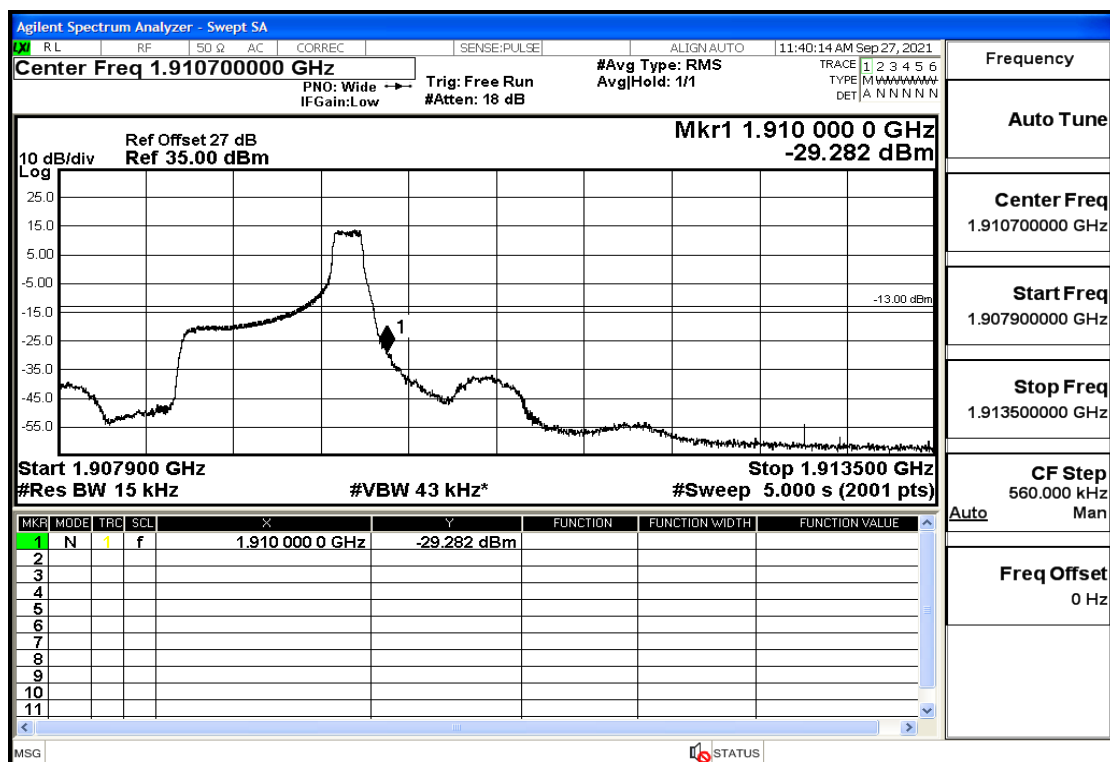
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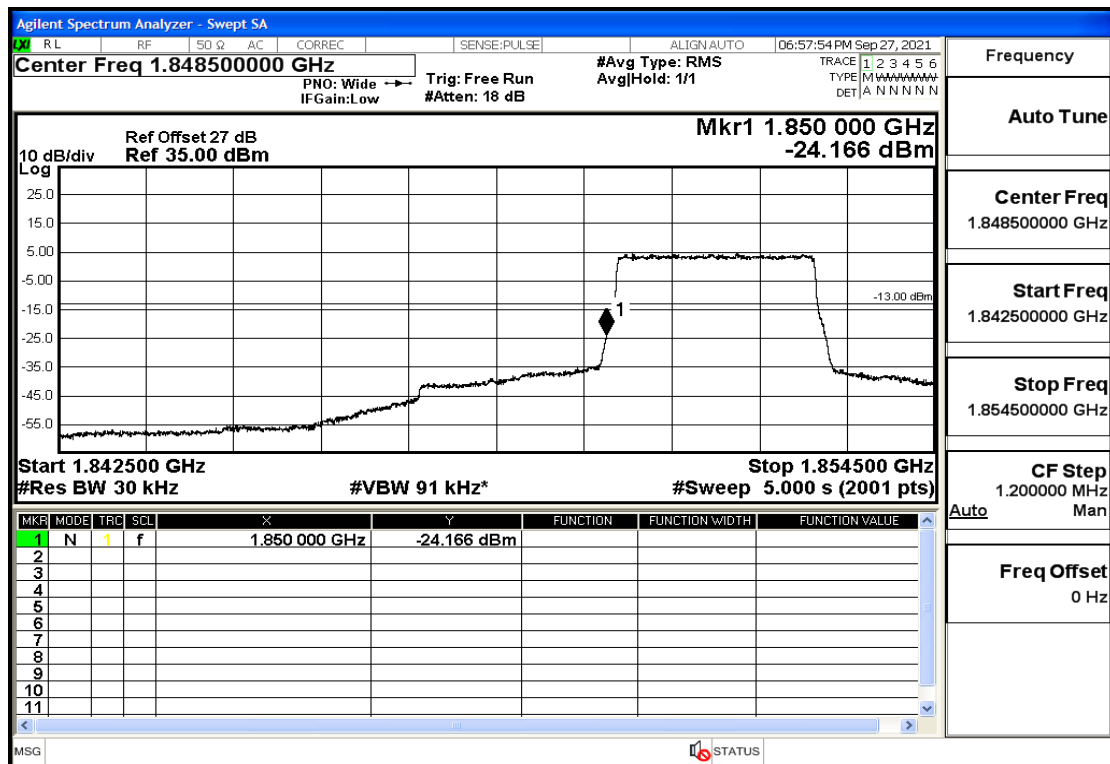
Band2-1.4-1909.3-16QAM-6#LOW@Pass



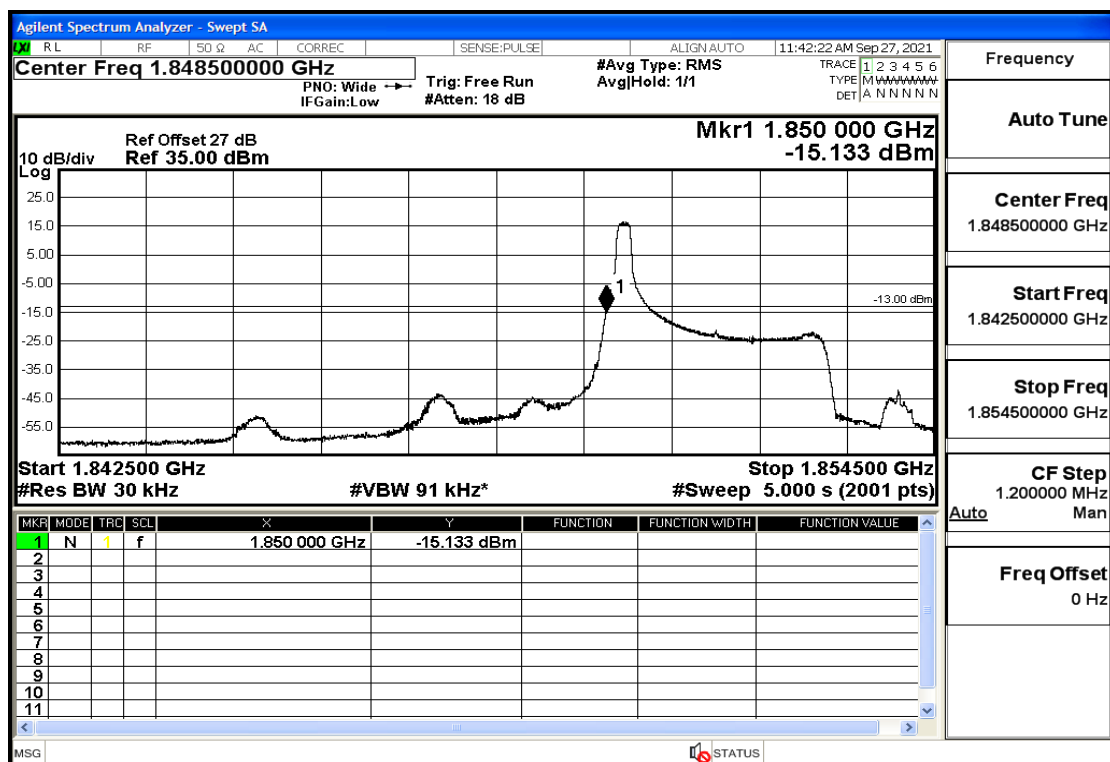
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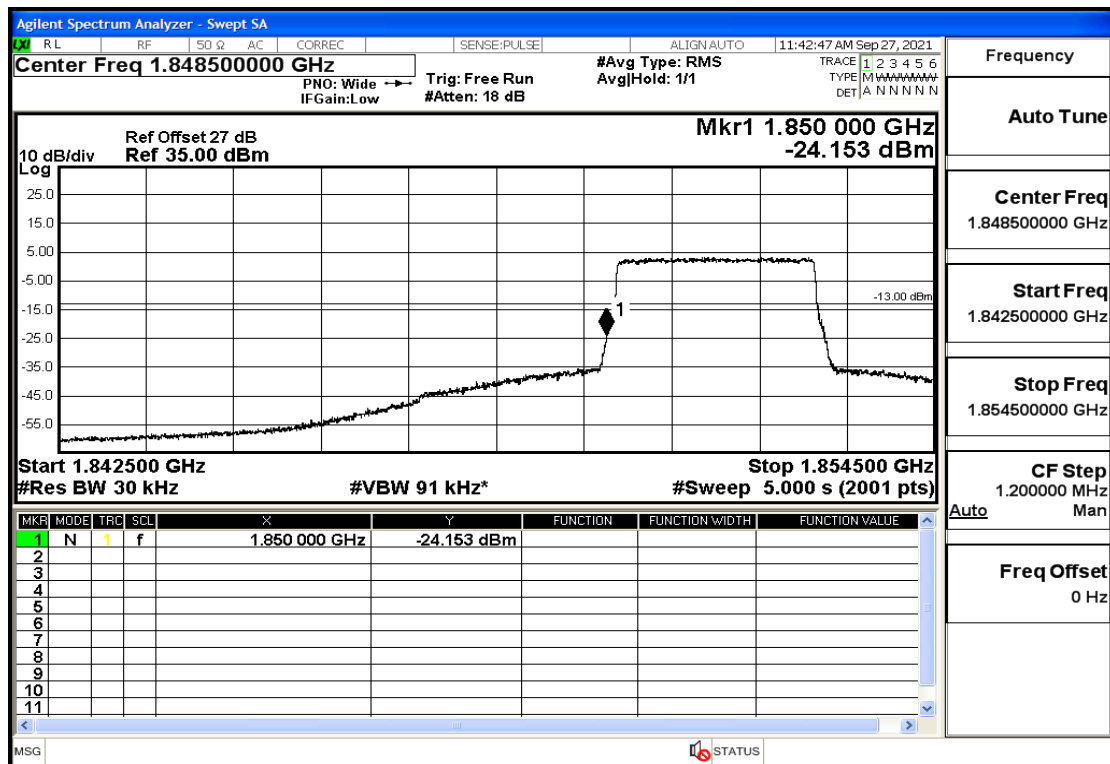
Band2-3-1851.5-QPSK-15#LOW@Pass



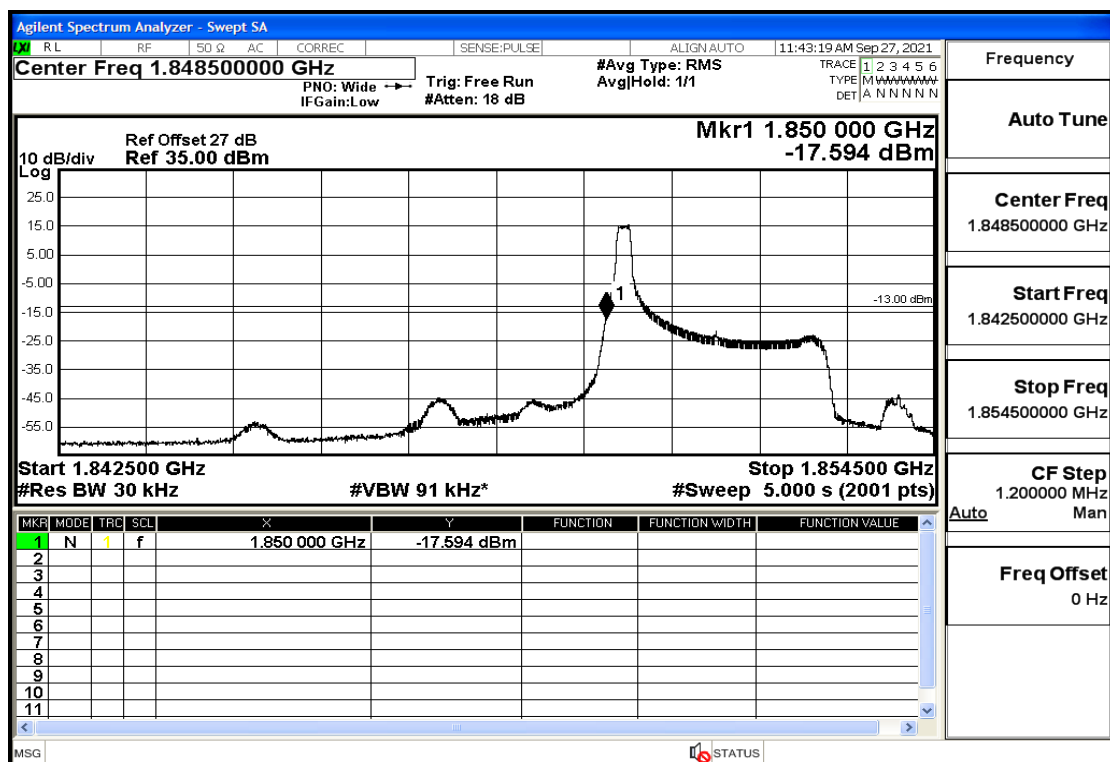
Band2-3-1851.5-QPSK-1#LOW@Pass



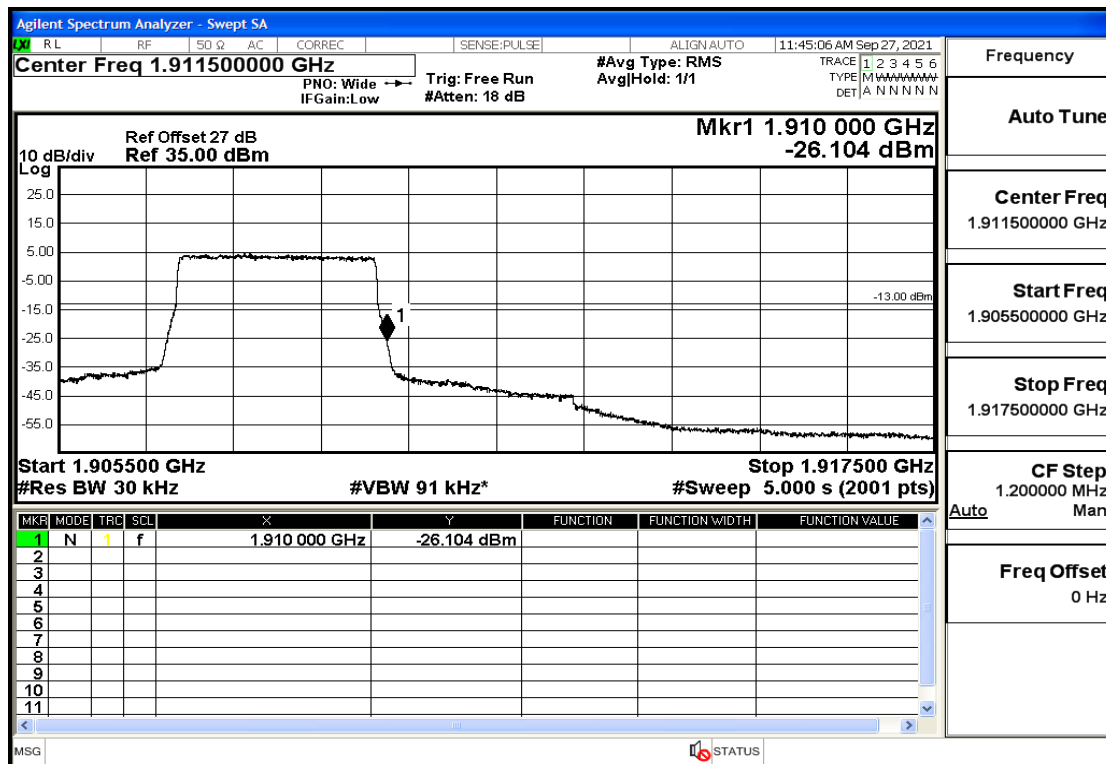
Band2-3-1851.5-16QAM-15#LOW@Pass



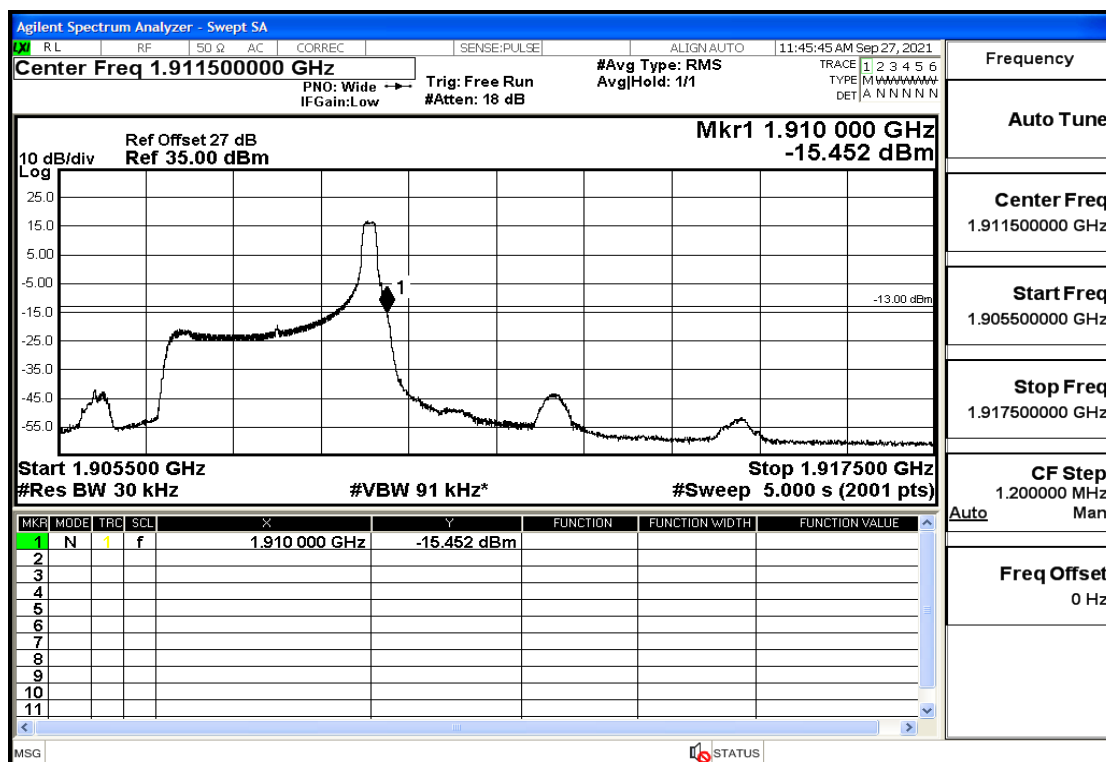
Band2-3-1851.5-16QAM-1#LOW@Pass



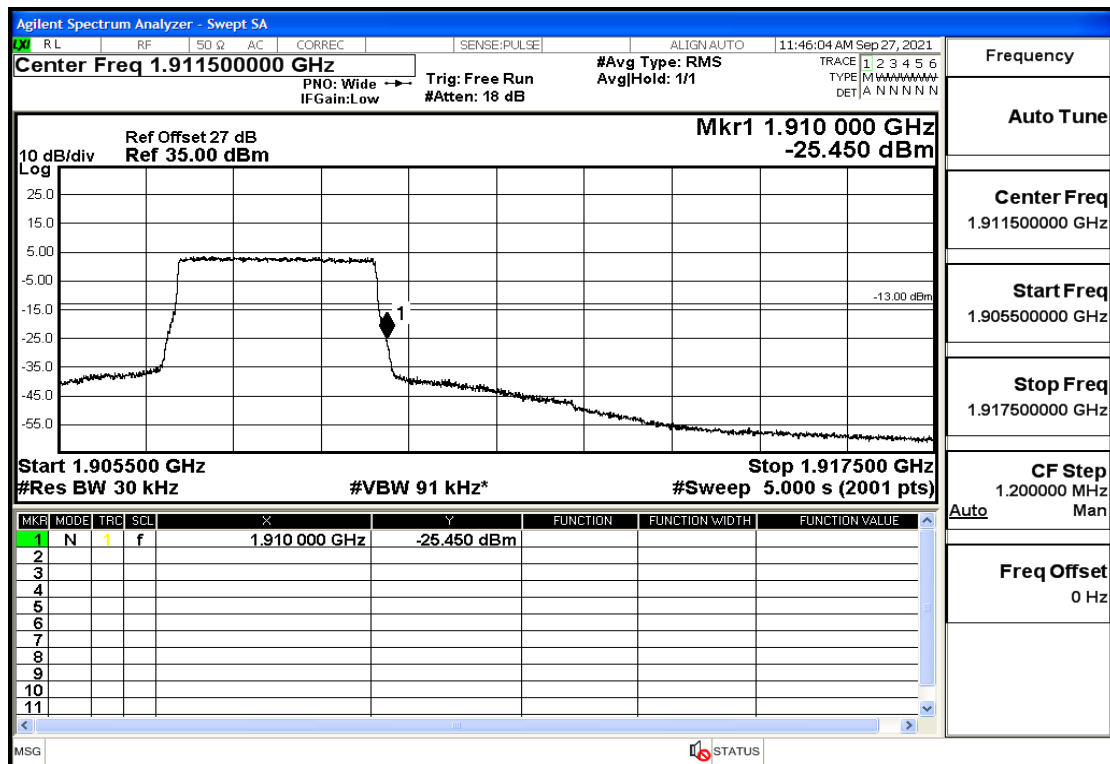
Band2-3-1908.5-QPSK-15#LOW@Pass



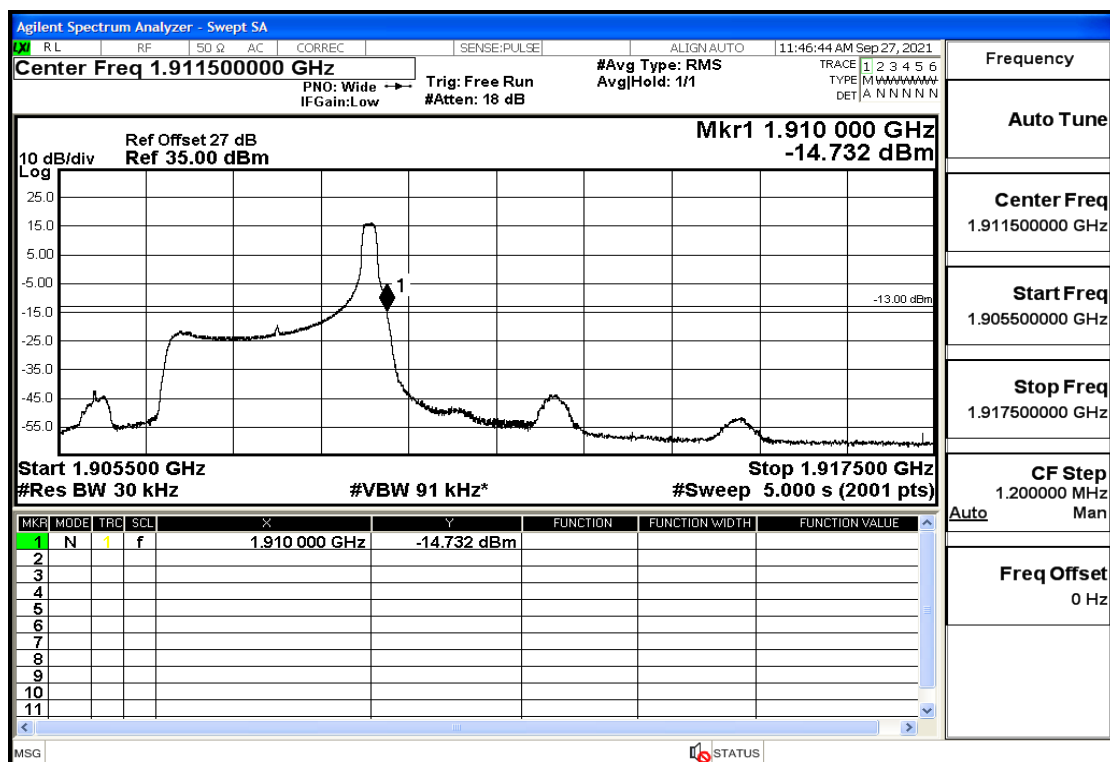
Band2-3-1908.5-QPSK-1#HIGH@Pass



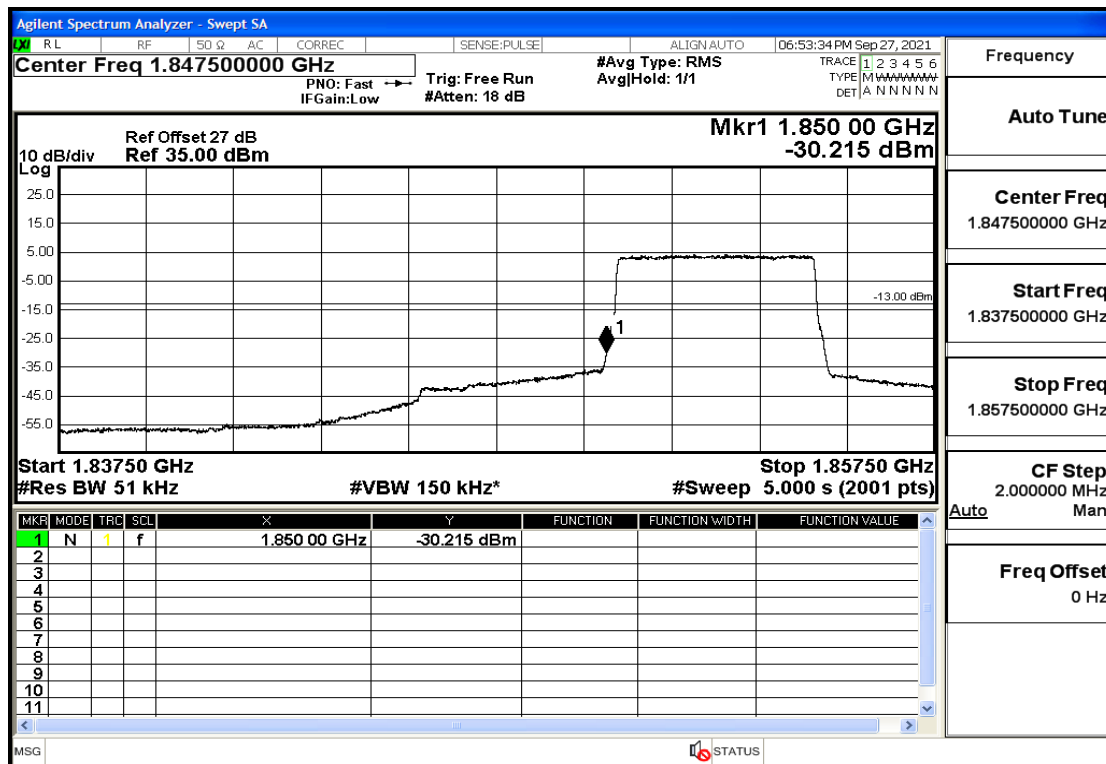
Band2-3-1908.5-16QAM-15#LOW@Pass



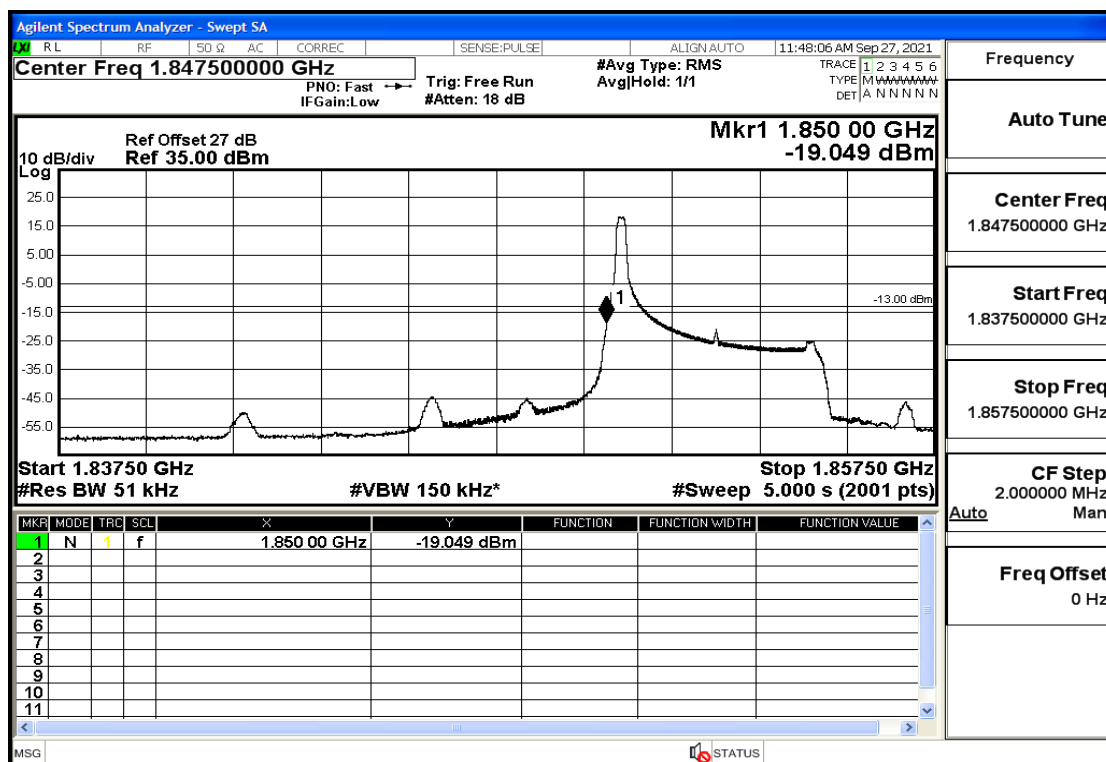
Band2-3-1908.5-16QAM-1#HIGH@Pass



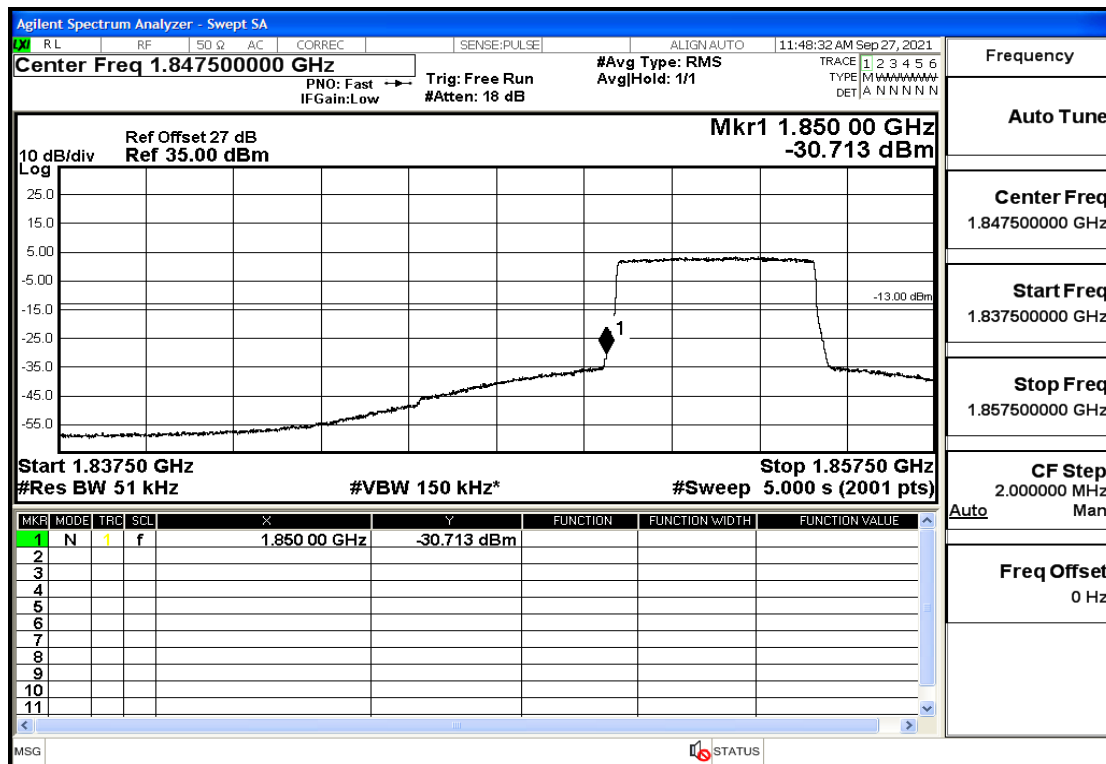
Band2-5-1852.5-QPSK-25#LOW@Pass



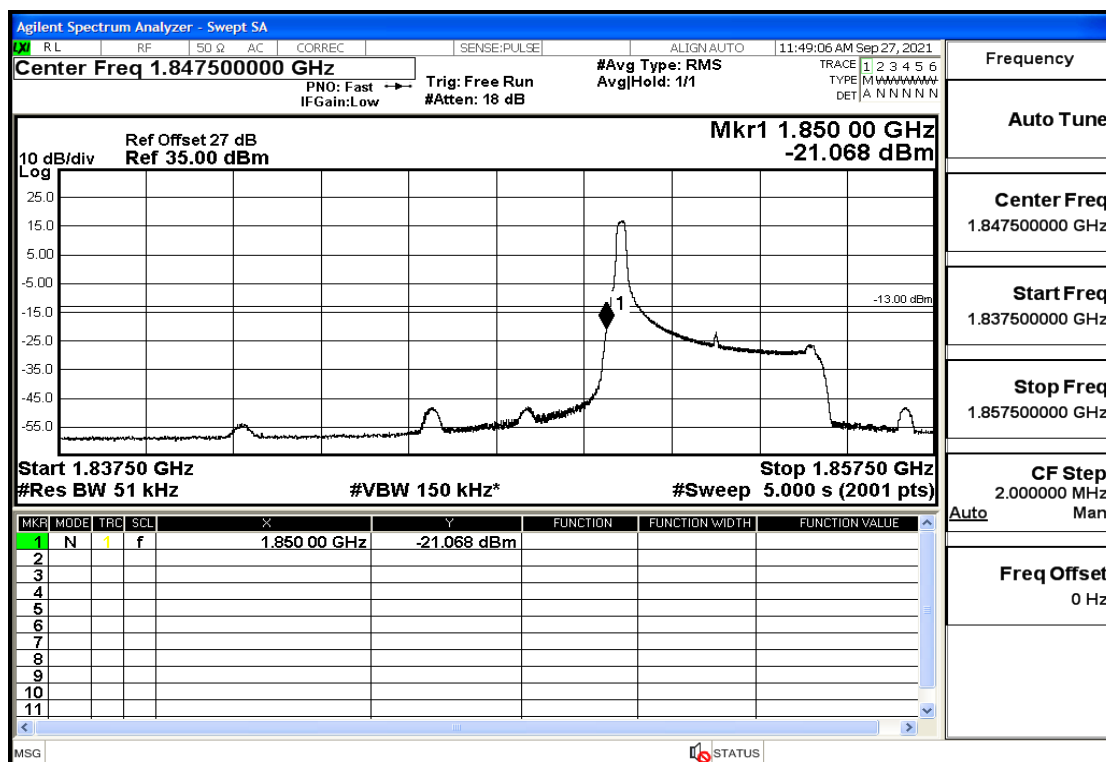
Band2-5-1852.5-QPSK-1#LOW@Pass



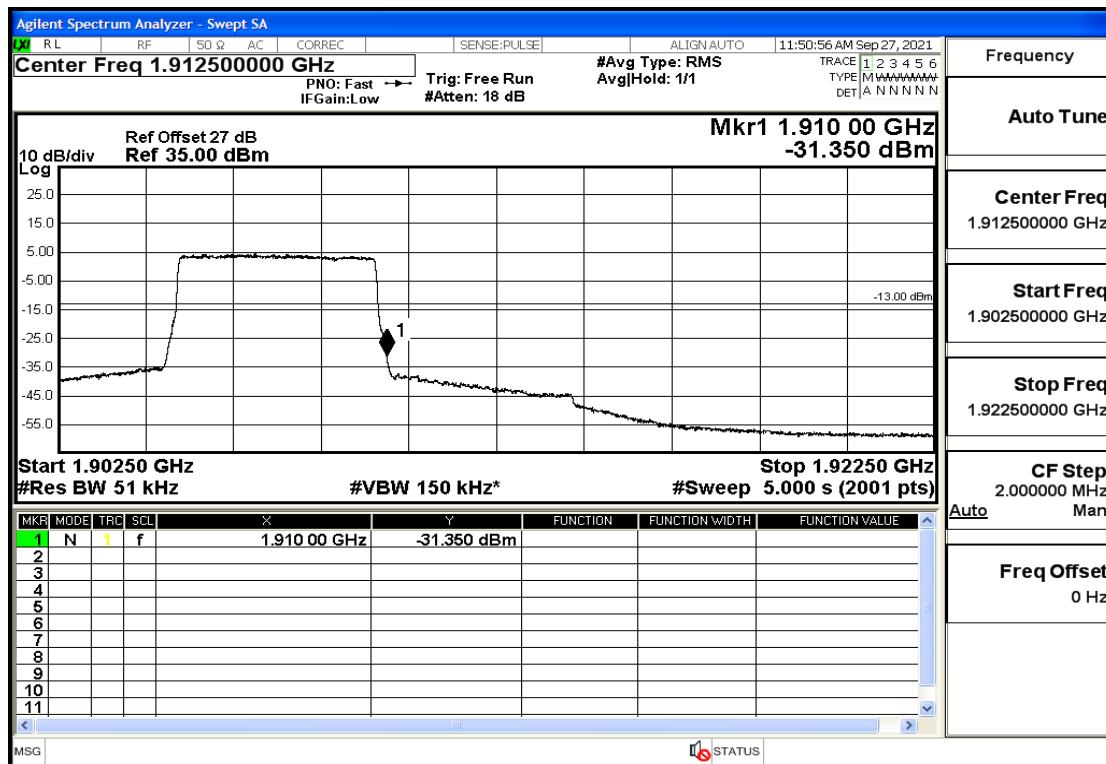
Band2-5-1852.5-16QAM-25#LOW@Pass



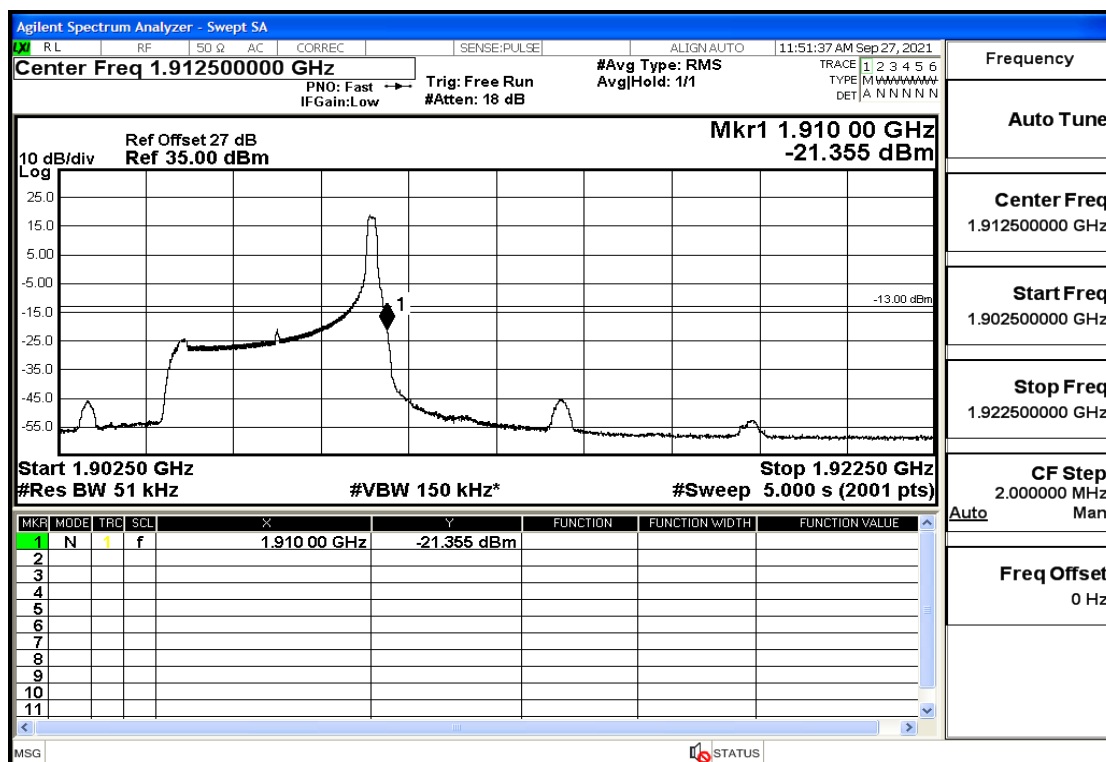
Band2-5-1852.5-16QAM-1#LOW@Pass



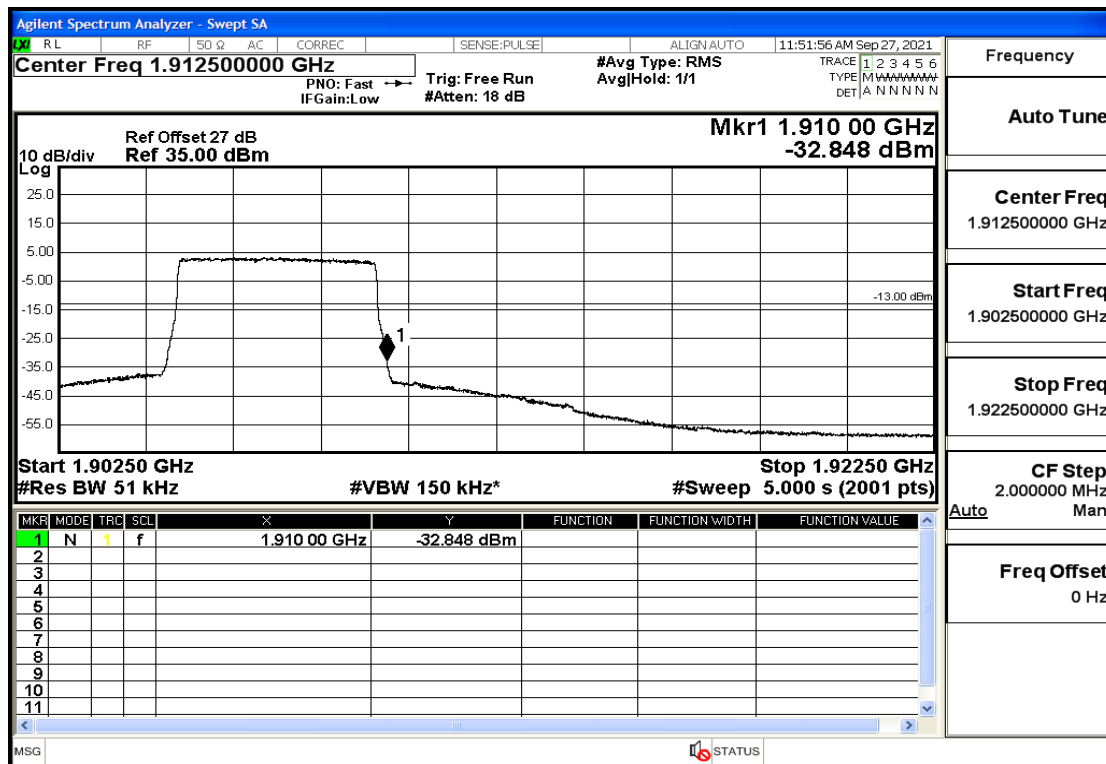
Band2-5-1907.5-QPSK-25#LOW@Pass



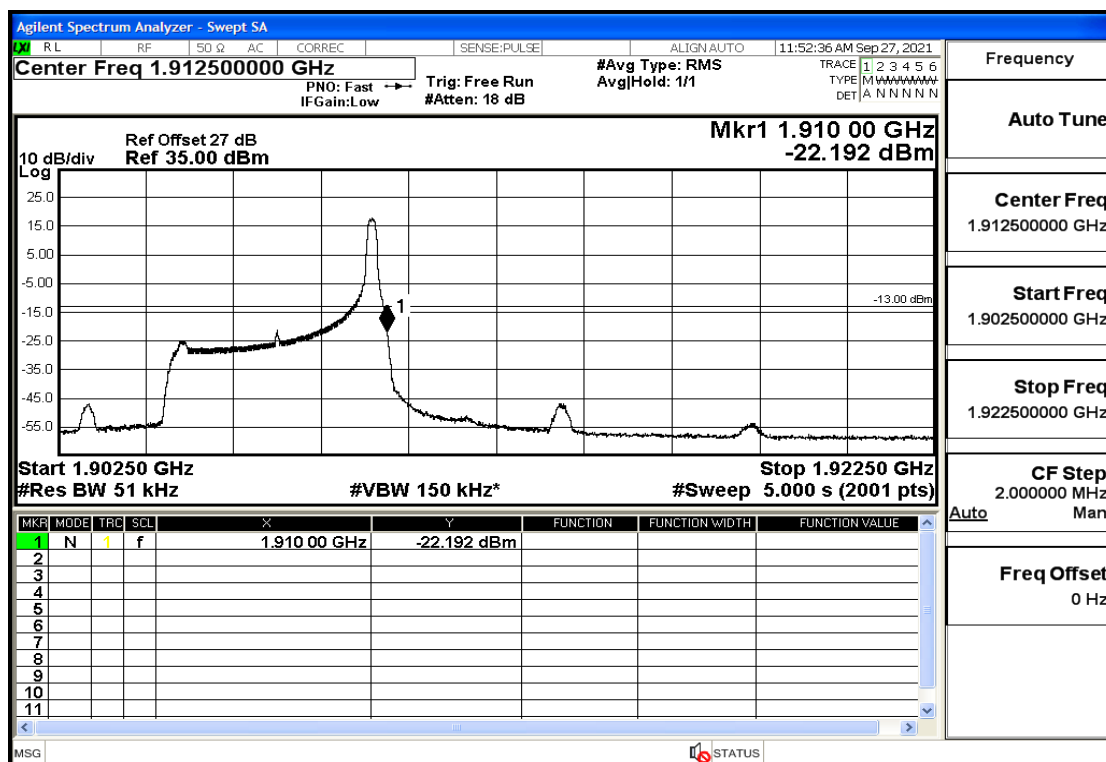
Band2-5-1907.5-QPSK-1#HIGH@Pass



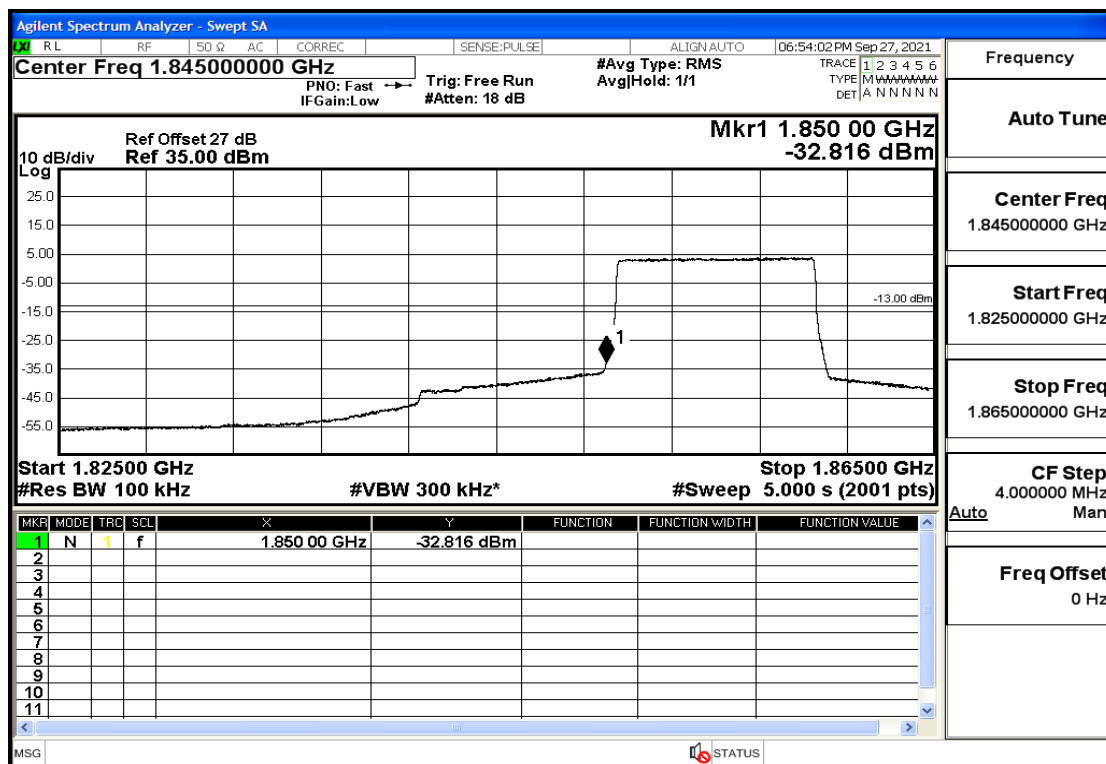
Band2-5-1907.5-16QAM-25#LOW@Pass



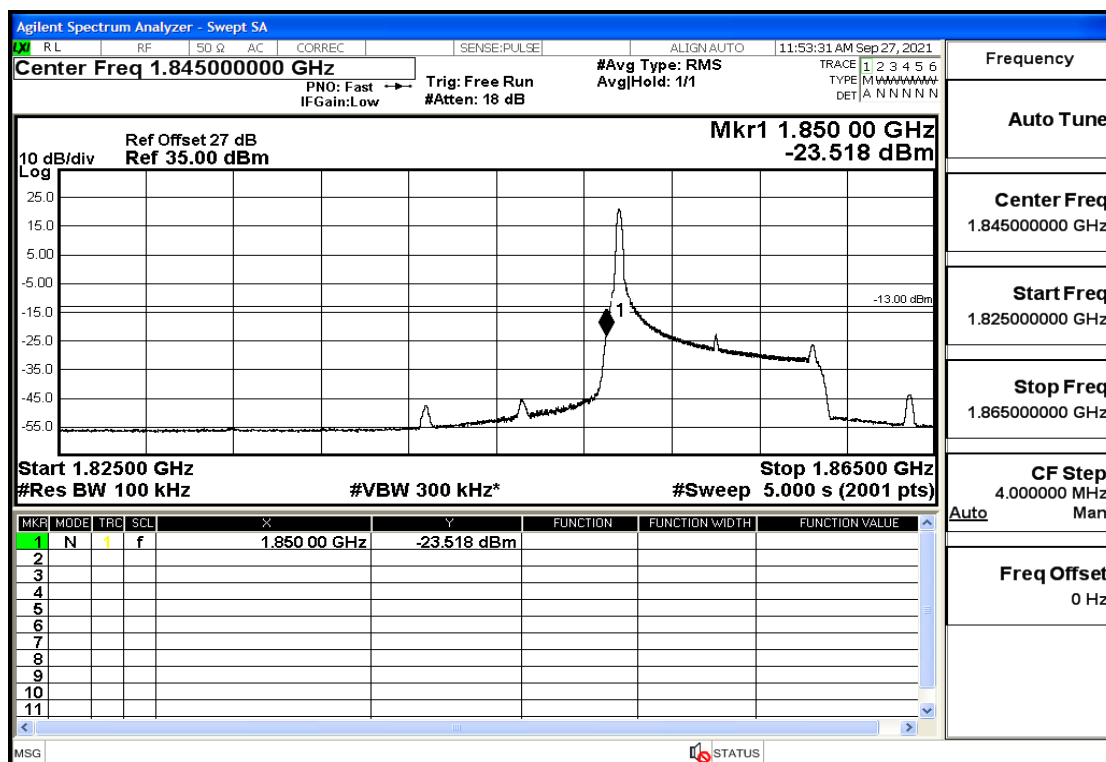
Band2-5-1907.5-16QAM-1#HIGH@Pass



Band2-10-1855-QPSK-50#LOW@Pass



Band2-10-1855-QPSK-1#LOW@Pass



Agilent Spectrum Analyzer - Swept SA

Center Freq 1.84500000 GHz

Ref Offset 27 dB
Ref 35.00 dBm

10 dB/div
Log

Mkr1 1.850 00 GHz
-23.424 dBm

Start 1.82500 GHz
#Res BW 100 kHz

Stop 1.86500 GHz
#Sweep 5.000 s (2001 pts)

#VBW 300 kHz*

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

Frequency

Auto Tune

Center Freq
1.845000000 GHz

Start Freq
1.825000000 GHz

Stop Freq
1.865000000 GHz

CF Step
4.000000 MHz
Man

Auto

Freq Offset
0 Hz

MkF	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.850 00 GHz	-23.424 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Agilent Spectrum Analyzer - Swept SA

R L	RF	50 Ω	AC	CORREC	SENSE:PULSE	ALIGN AUTO	11:54:32 AM Sep 27, 2021
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Center Freq 1.84500000 GHz

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 18 dB

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

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

Mkr1 1.850 00 GHz
-23.899 dBm

10 dB/div
Ref Offset 27 dB
Ref 35.00 dBm

Start 1.82500 GHz
#Res BW 100 kHz

Stop 1.86500 GHz
#Sweep 5.000 s (2001 pts)

#VBW 300 kHz*

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	f	1.850 00 GHz	-23.899 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

Frequency
Auto Tune

Center Freq
1.84500000 GHz

Start Freq
1.82500000 GHz

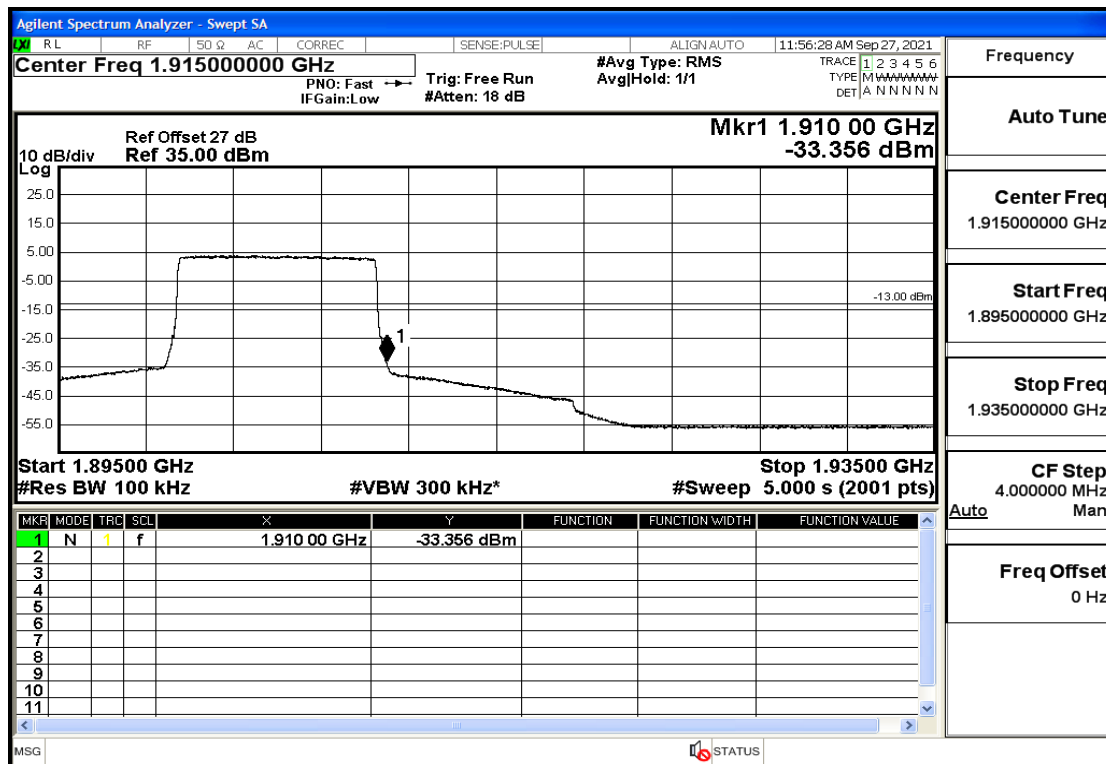
Stop Freq
1.86500000 GHz

CF Step
4.00000 MHz

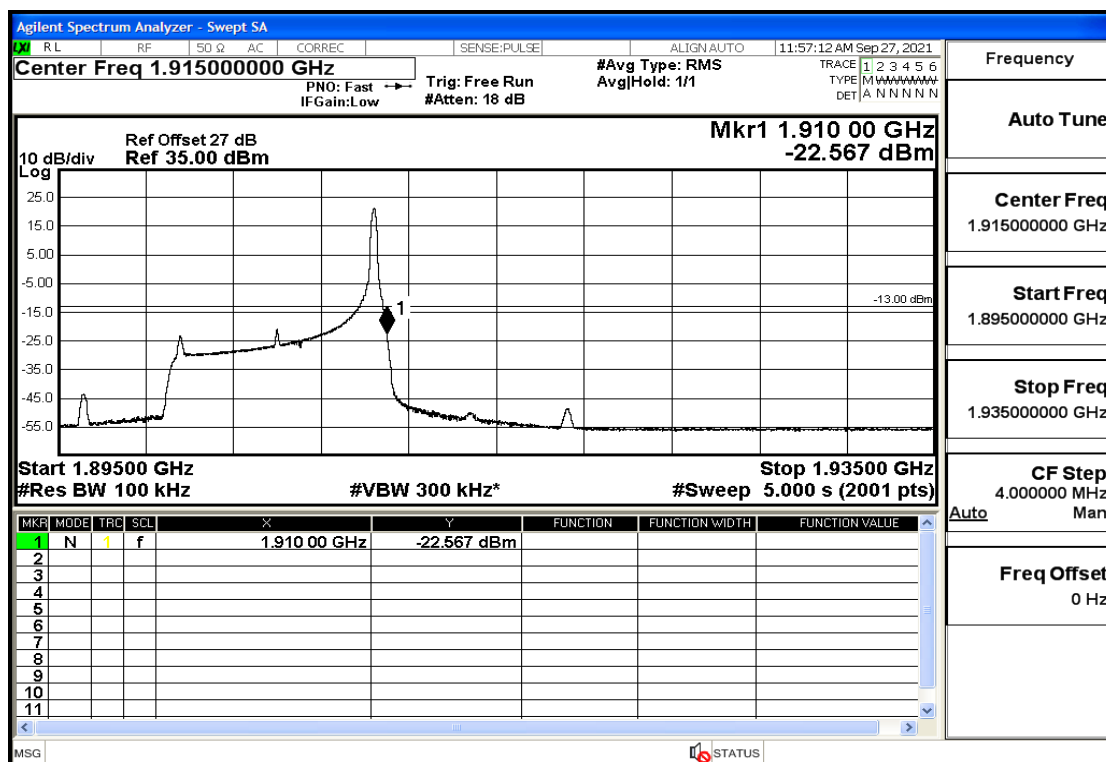
Man

Freq Offset
0 Hz

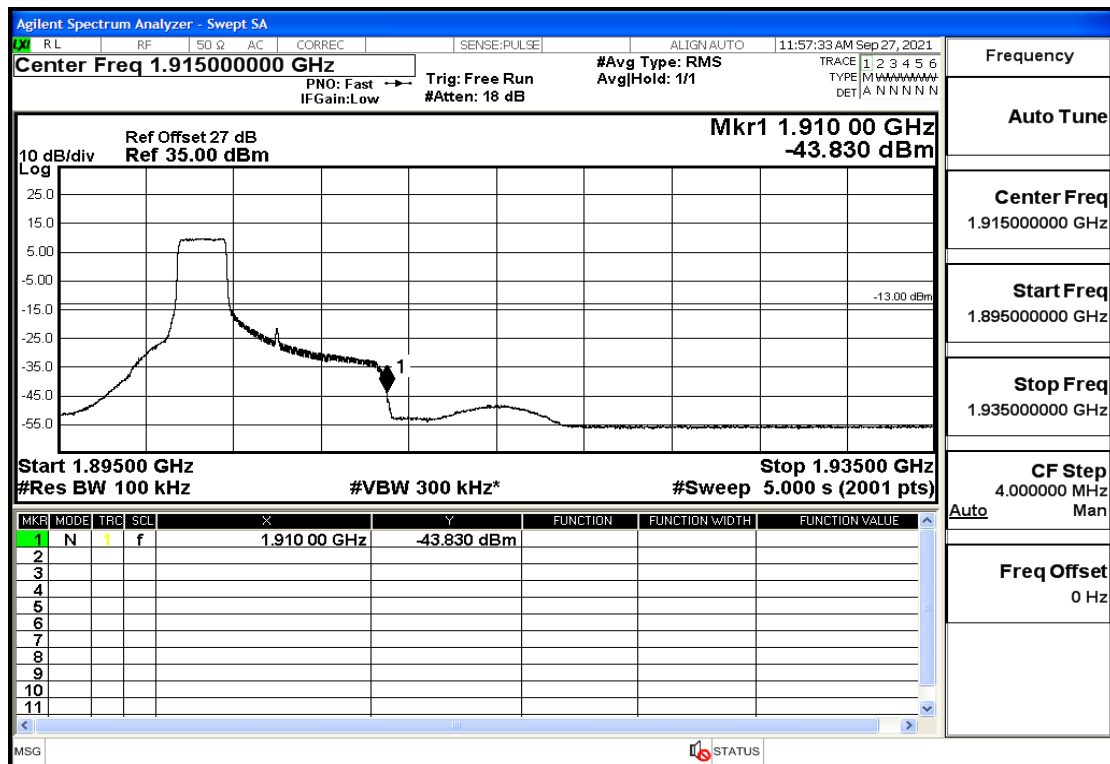
Band2-10-1905-QPSK-50#LOW@Pass



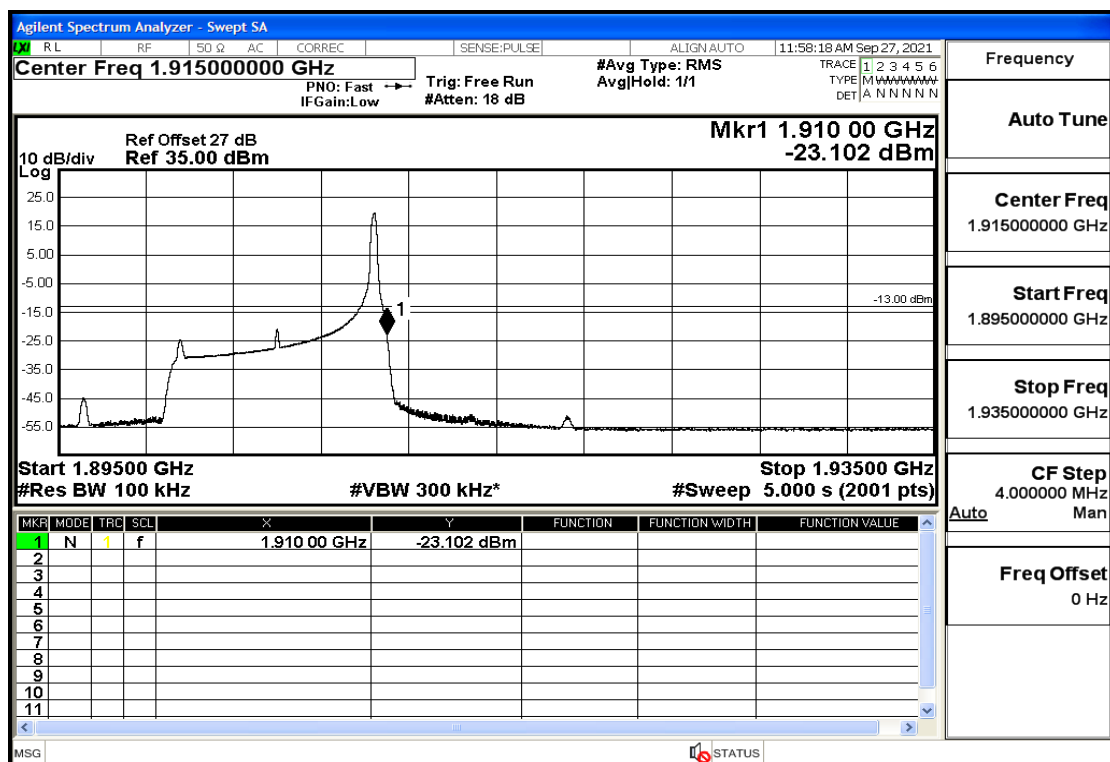
Band2-10-1905-QPSK-1#HIGH@Pass



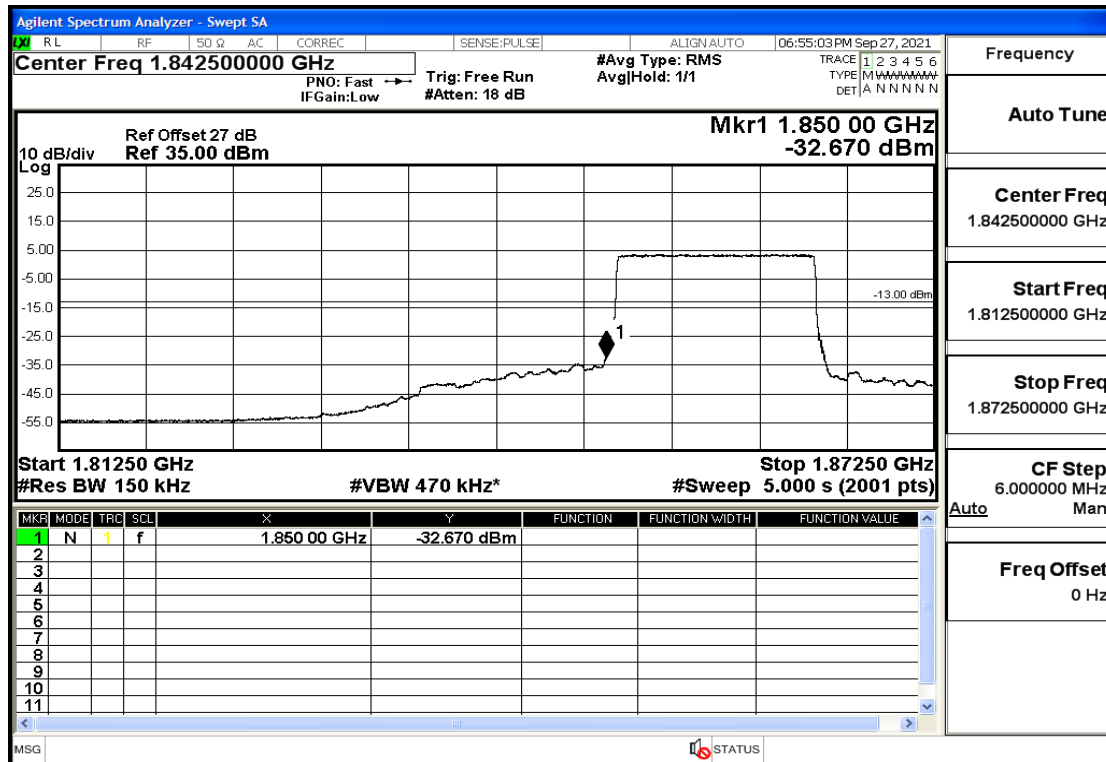
Band2-10-1905-16QAM-12#LOW@Pass



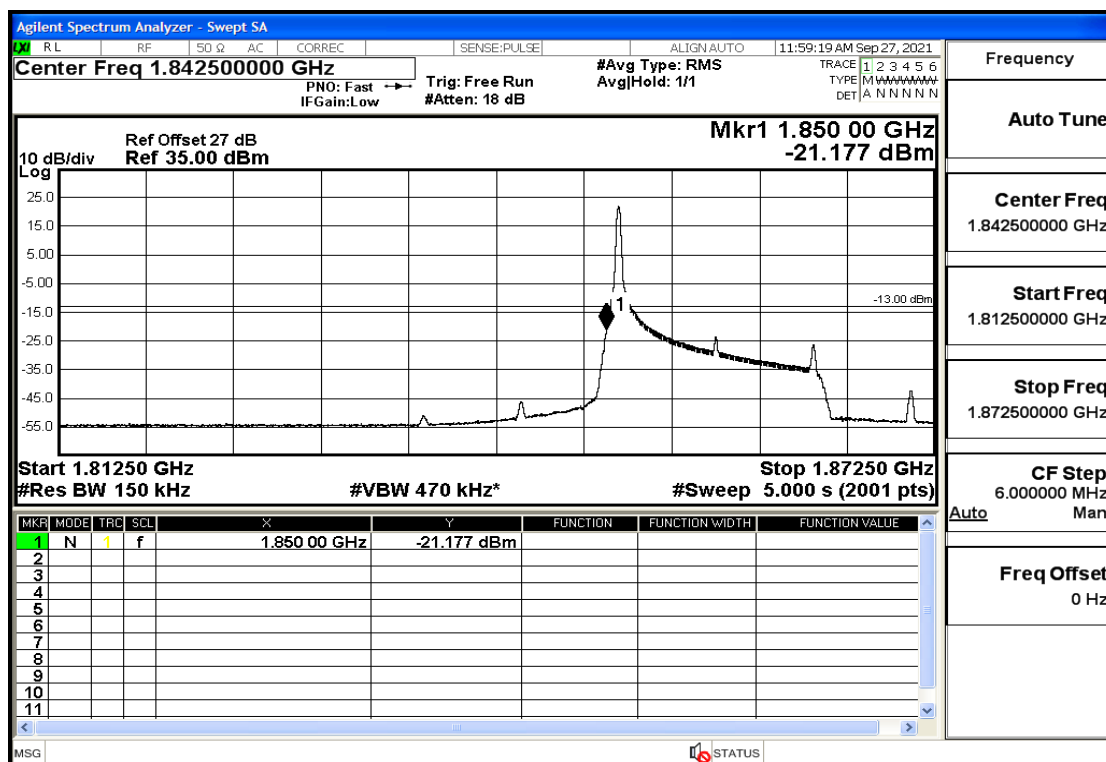
Band2-10-1905-16QAM-1#HIGH@Pass



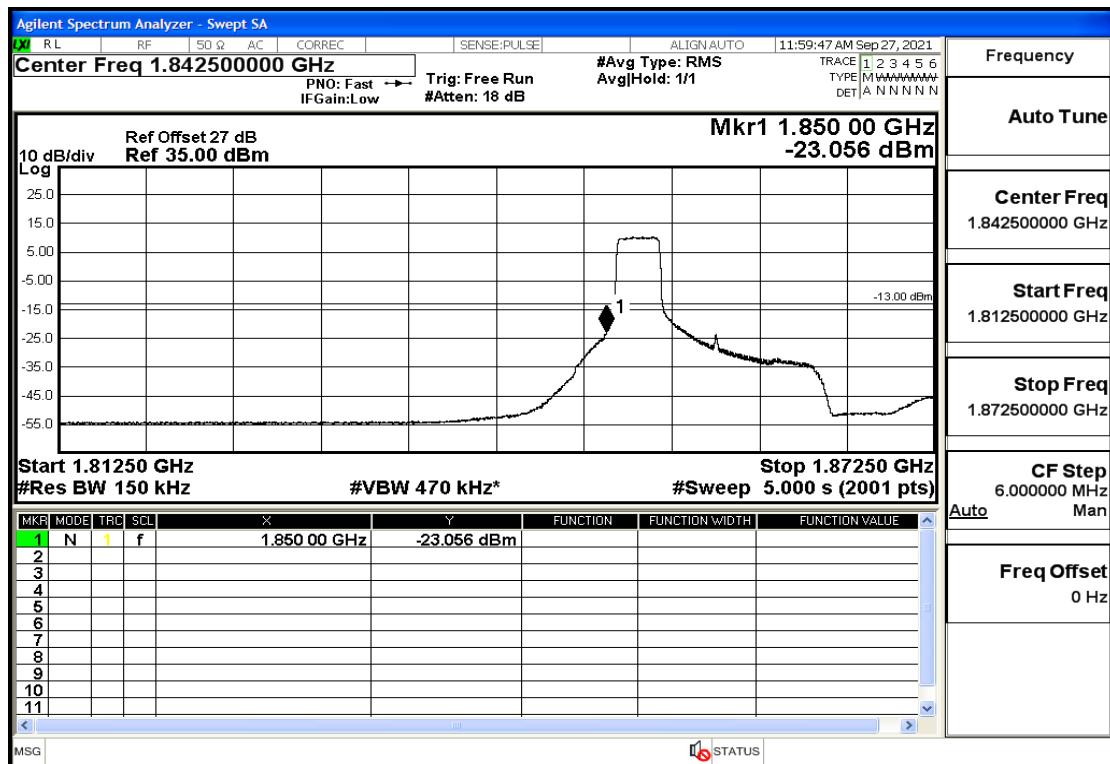
Band2-15-1857.5-QPSK-75#LOW@Pass



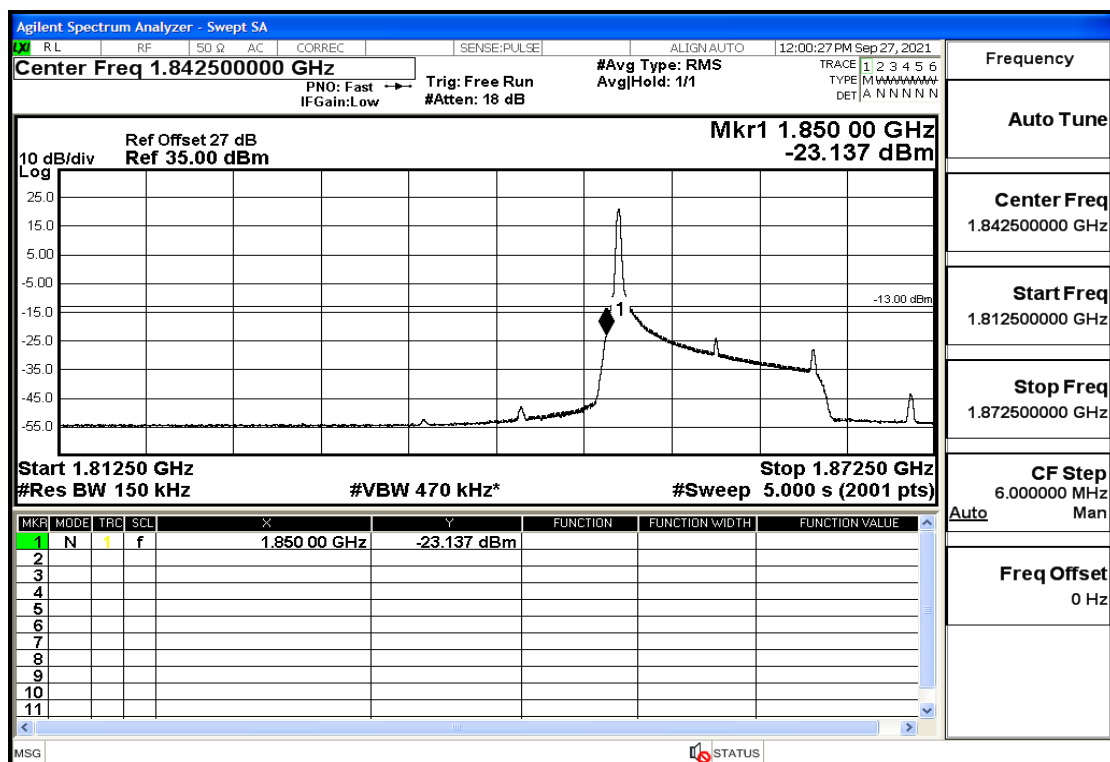
Band2-15-1857.5-QPSK-1#LOW@Pass



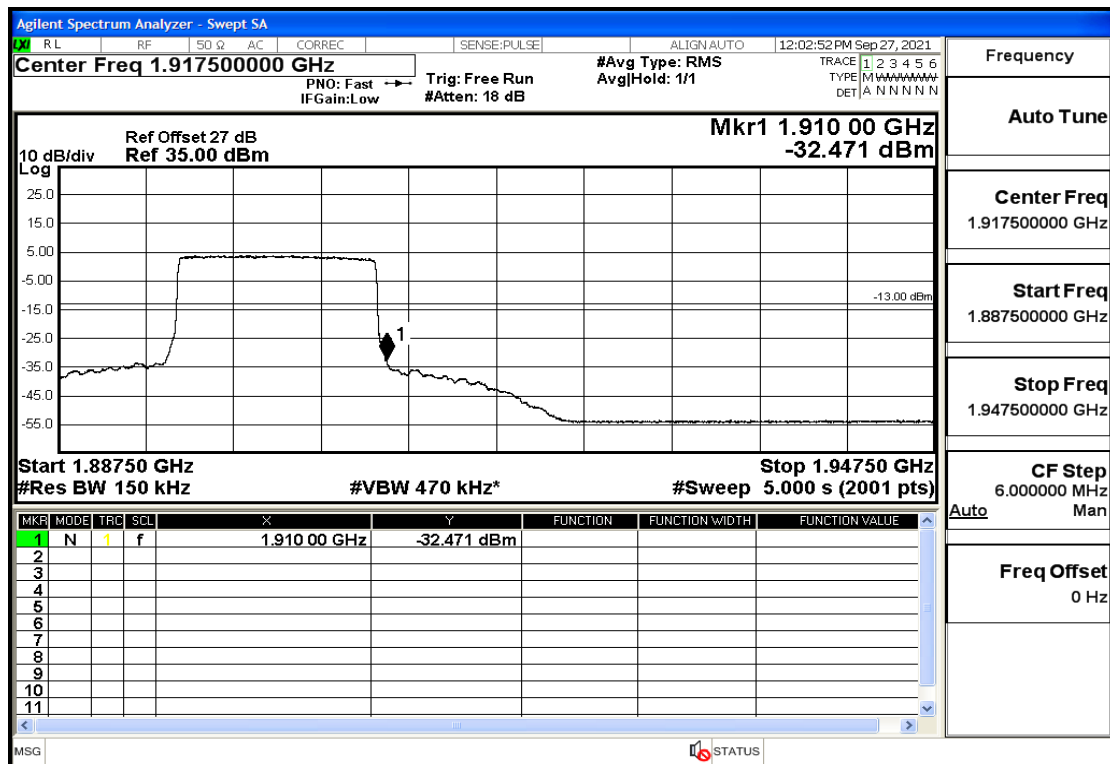
Band2-15-1857.5-16QAM-16#LOW@Pass



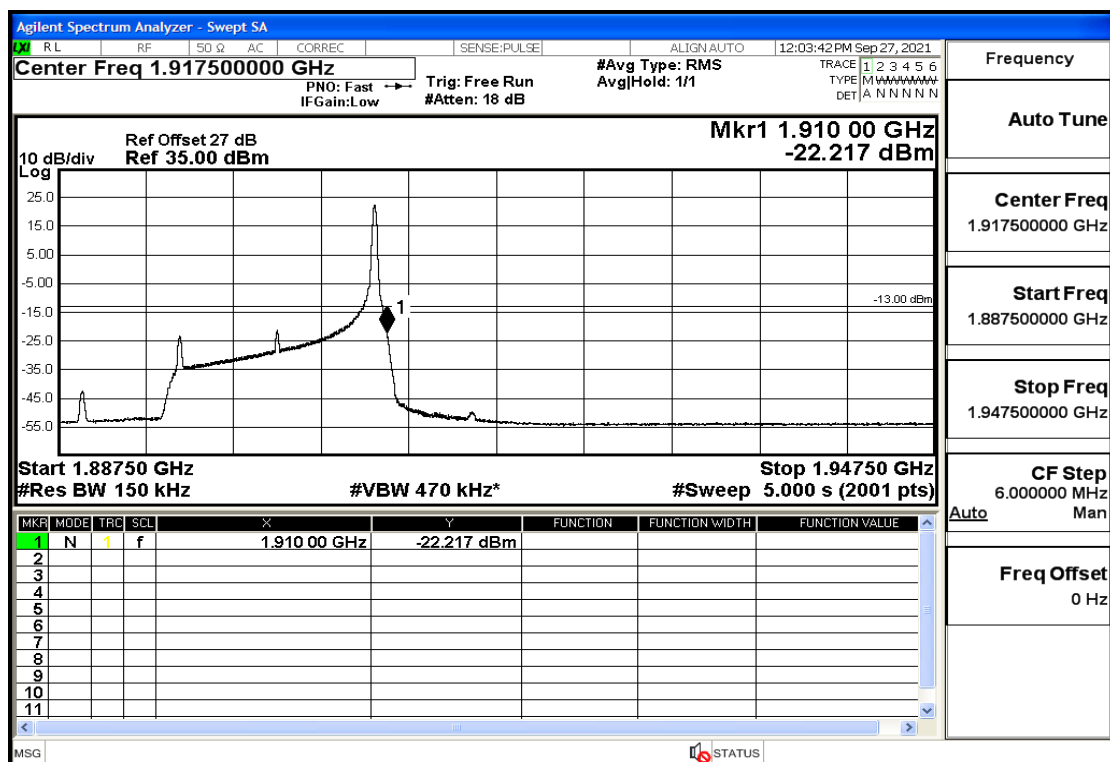
Band2-15-1857.5-16QAM-1#LOW@Pass



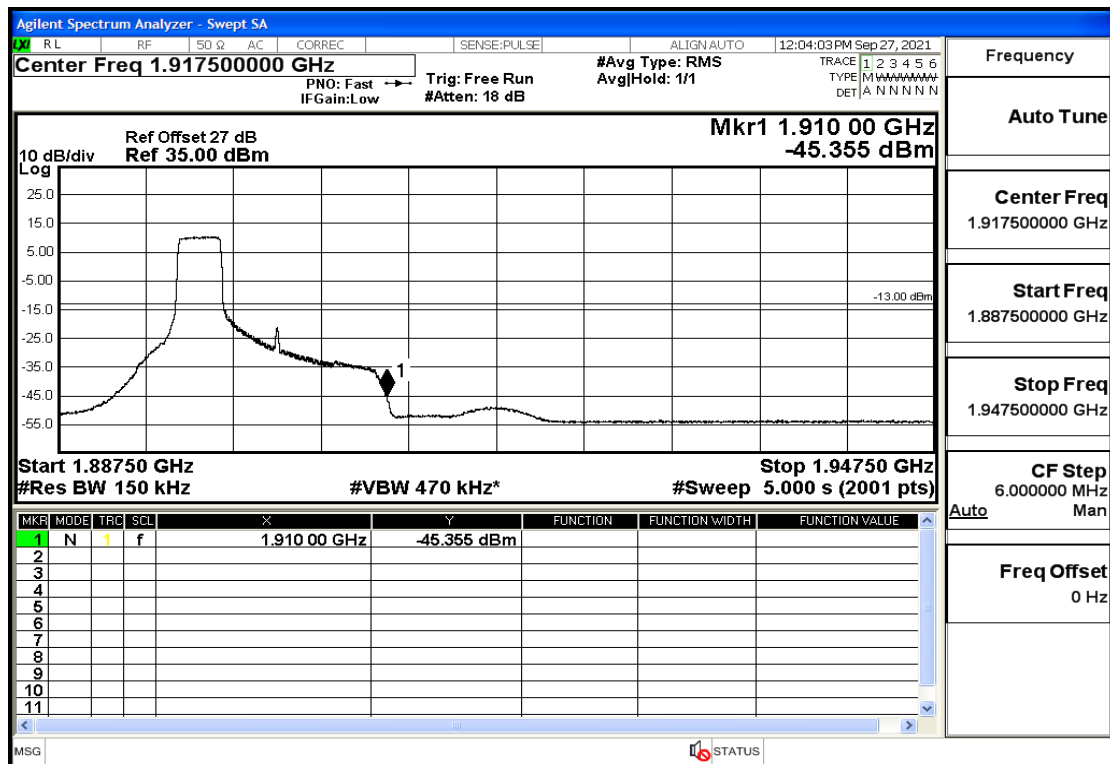
Band2-15-1902.5-QPSK-75#LOW@Pass



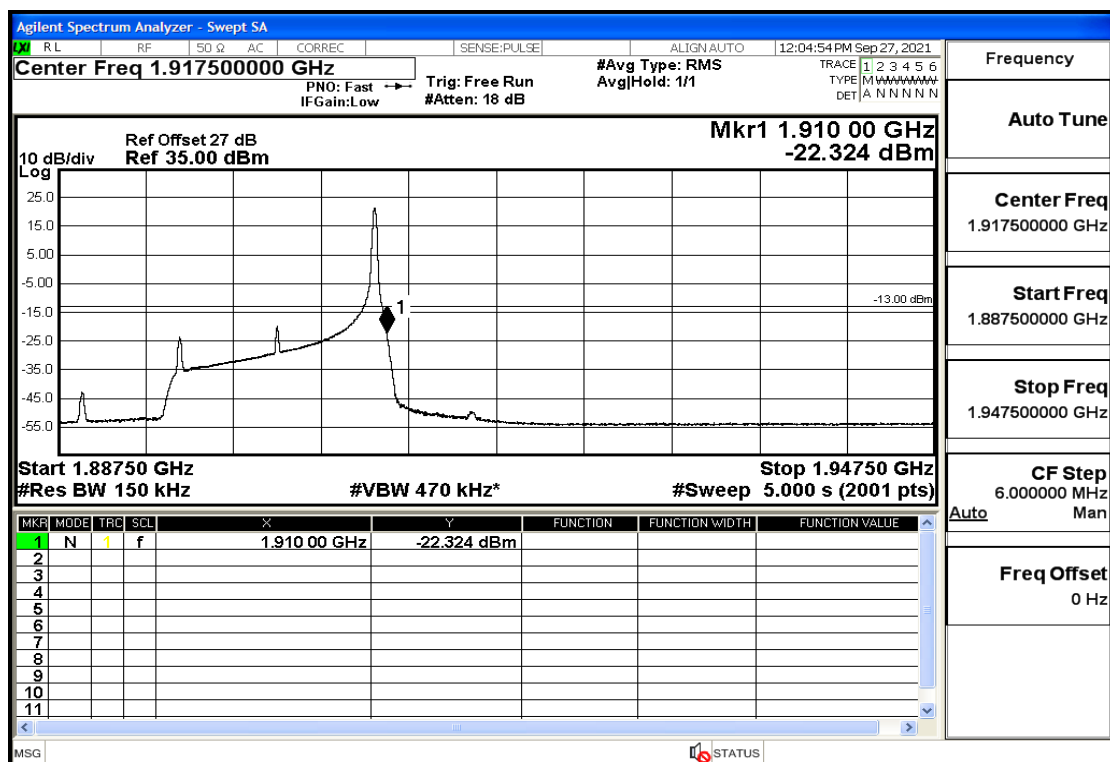
Band2-15-1902.5-QPSK-1#HIGH@Pass



Band2-15-1902.5-16QAM-16#LOW@Pass



Band2-15-1902.5-16QAM-1#HIGH@Pass



Agilent Spectrum Analyzer - Swept SA

Center Freq 1.84000000 GHz

Ref Offset 27 dB
Ref 35.00 dBm

10 dB/div
Log

Mkr1 1.850 00 GHz
-34.757 dBm

Start 1.80000 GHz
#Res BW 200 kHz

Stop 1.88000 GHz
#Sweep 5.000 s (2001 pts)

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

Trig: Free Run
#Atten: 18 dB

PN0: Fast
IF Gain: Low

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

MkF	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.850 00 GHz	-34.757 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq
1.840000000 GHz

Start Freq
1.800000000 GHz

Stop Freq
1.880000000 GHz

CF Step
8.000000 MHz

Auto Man

Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA

R L	RF	50 Ω	AC	CORREC	SENSE:PULSE	ALIGN AUTO	12:05:58 PM Sep 27, 2021
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Center Freq 1.84000000 GHz

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

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

TRACE 1 2 3 4 5 6
TYPE [M] WWWWWWWW
DET [A] NNNNNN

Mkr1 1.850 00 GHz -25.346 dBm

Ref Offset 27 dB
Ref 35.00 dBm

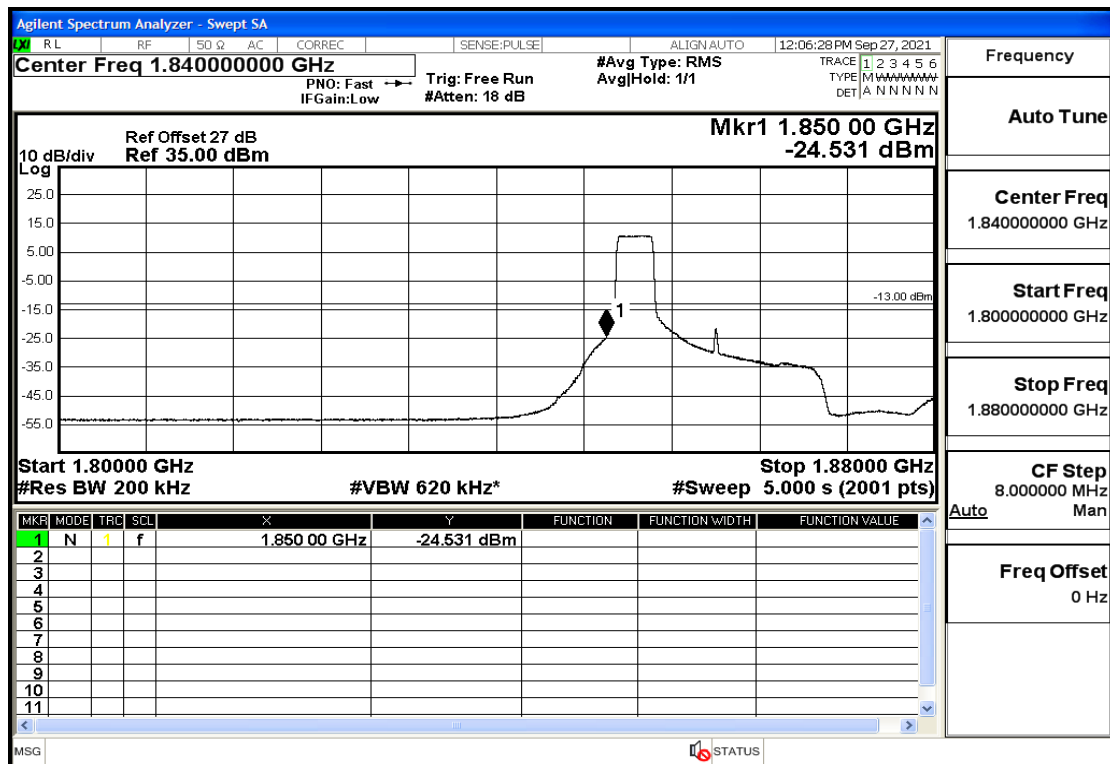
Start 1.80000 GHz Stop 1.88000 GHz
#Res BW 200 kHz #VBW 620 kHz* #Sweep 5.000 s (2001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	f	1.850 00 GHz	-25.346 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

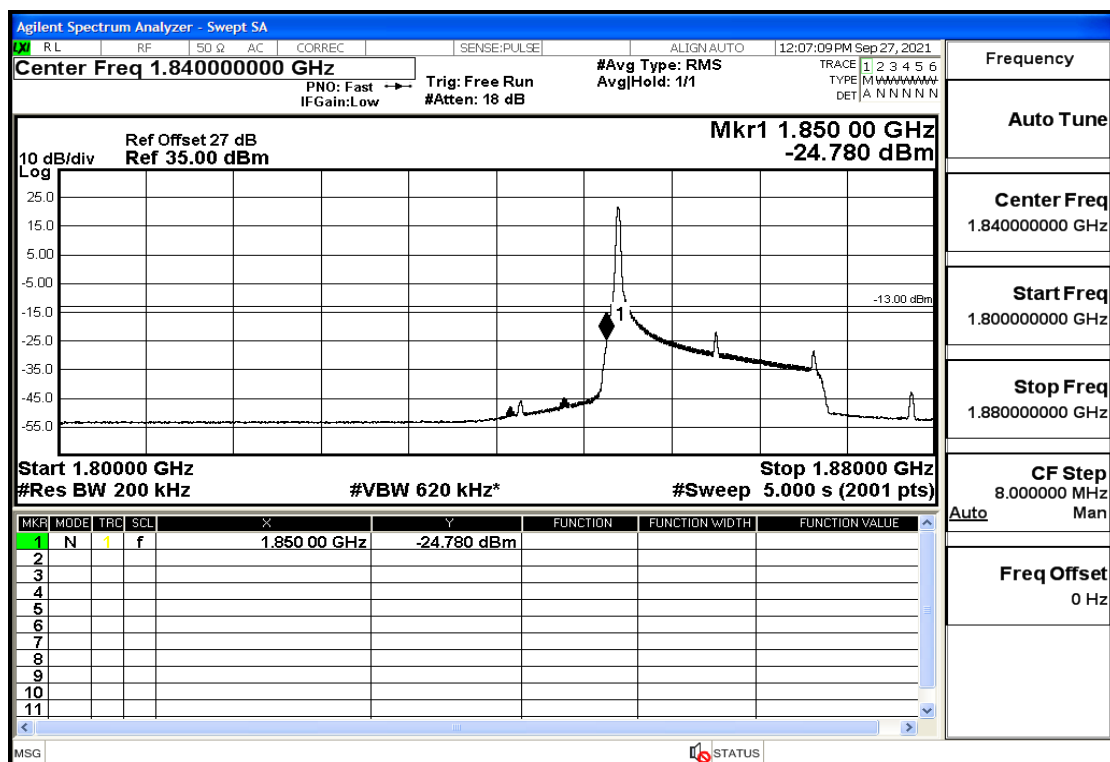
Auto Tune

Freq Offset
0 Hz

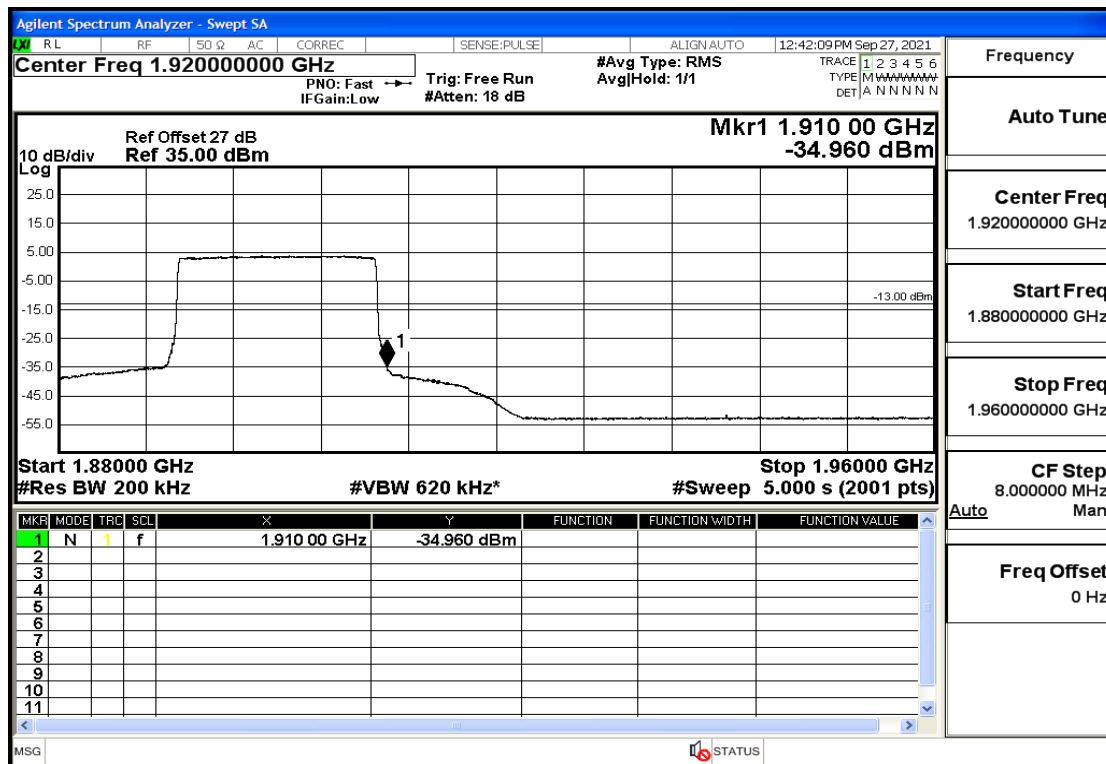
Band2-20-1860-16QAM-18#LOW@Pass



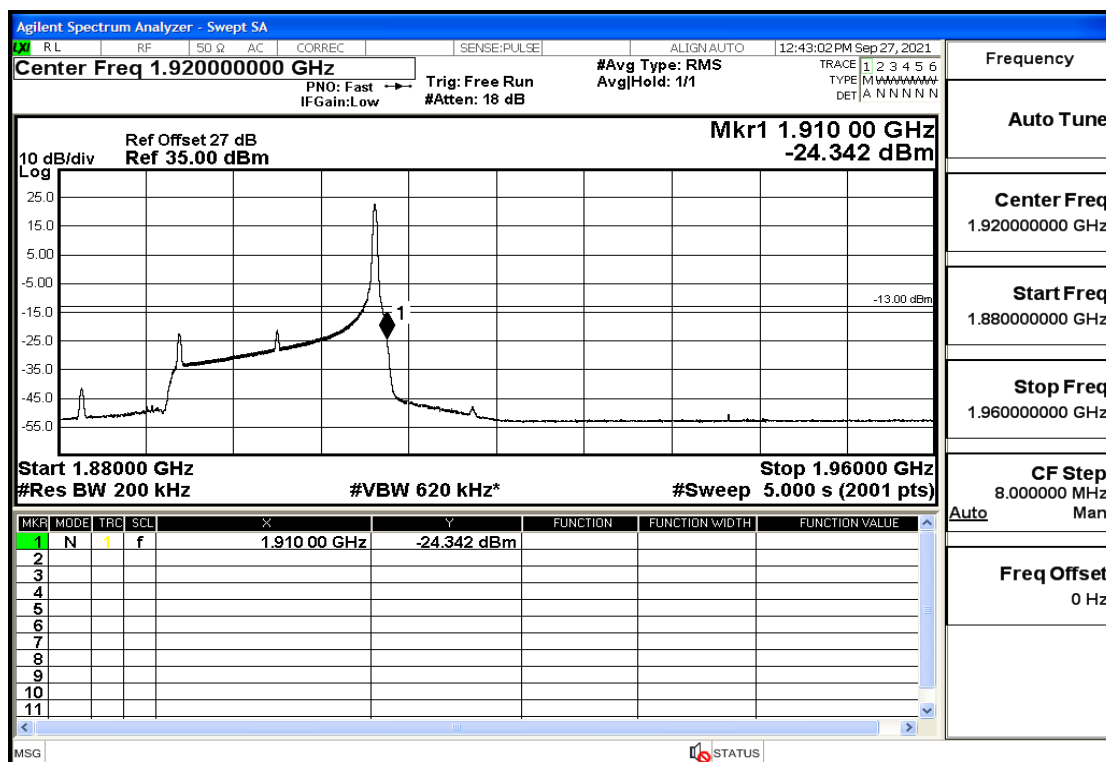
Band2-20-1860-16QAM-1#LOW@Pass



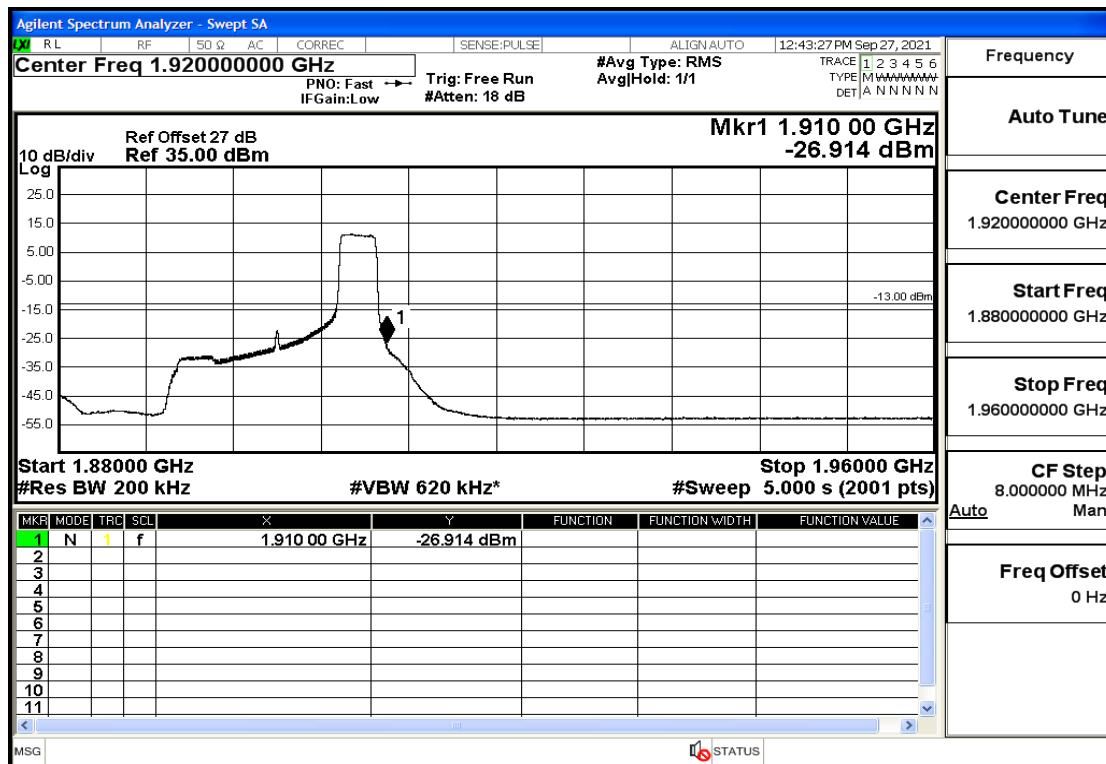
Band2-20-1900-QPSK-100#LOW@Pass



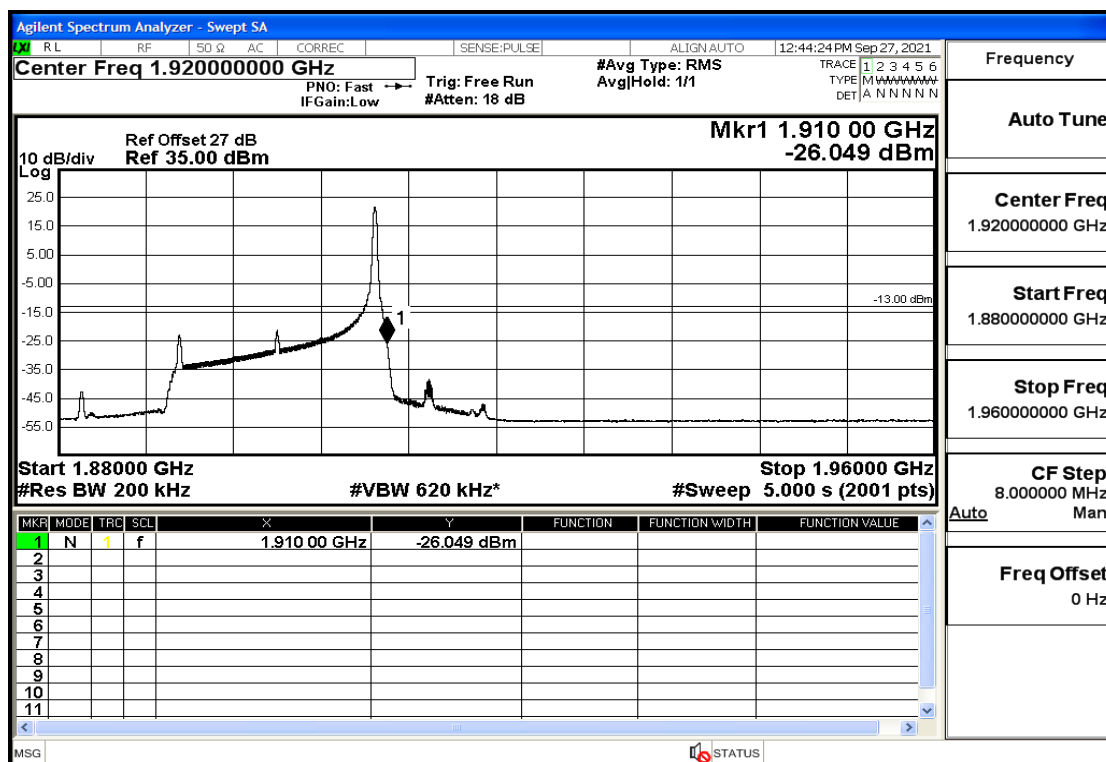
Band2-20-1900-QPSK-1#HIGH@Pass



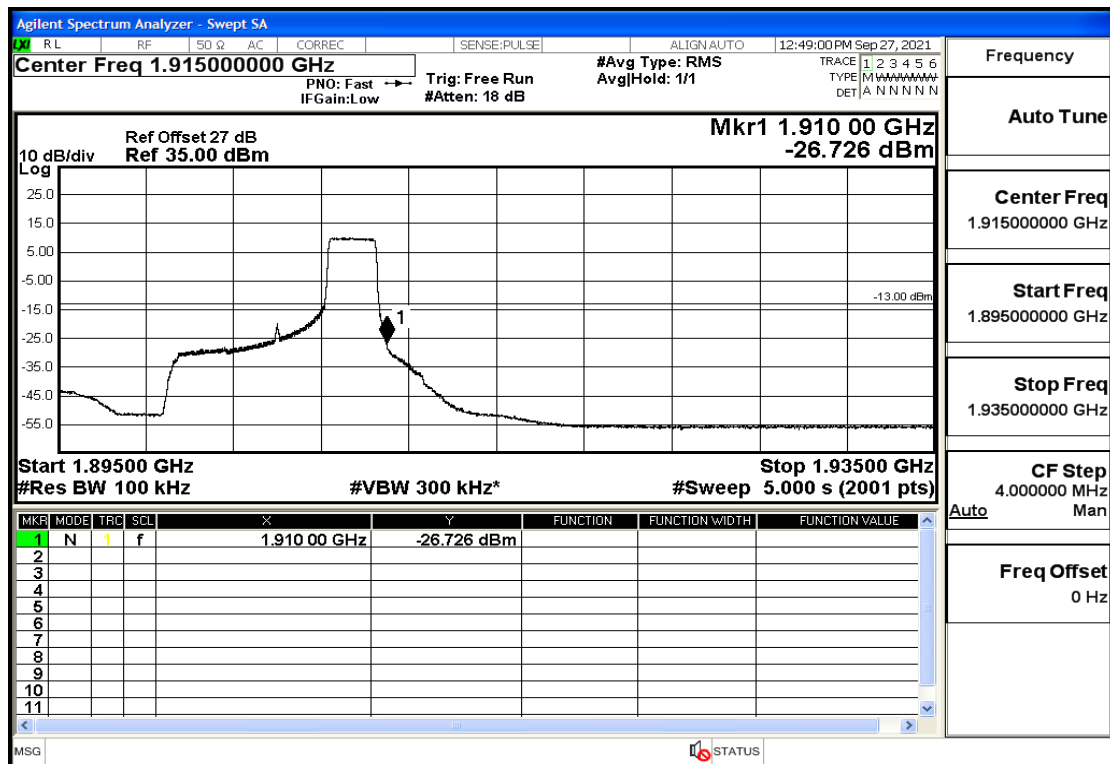
Band2-20-1900-16QAM-18#HIGH@Pass



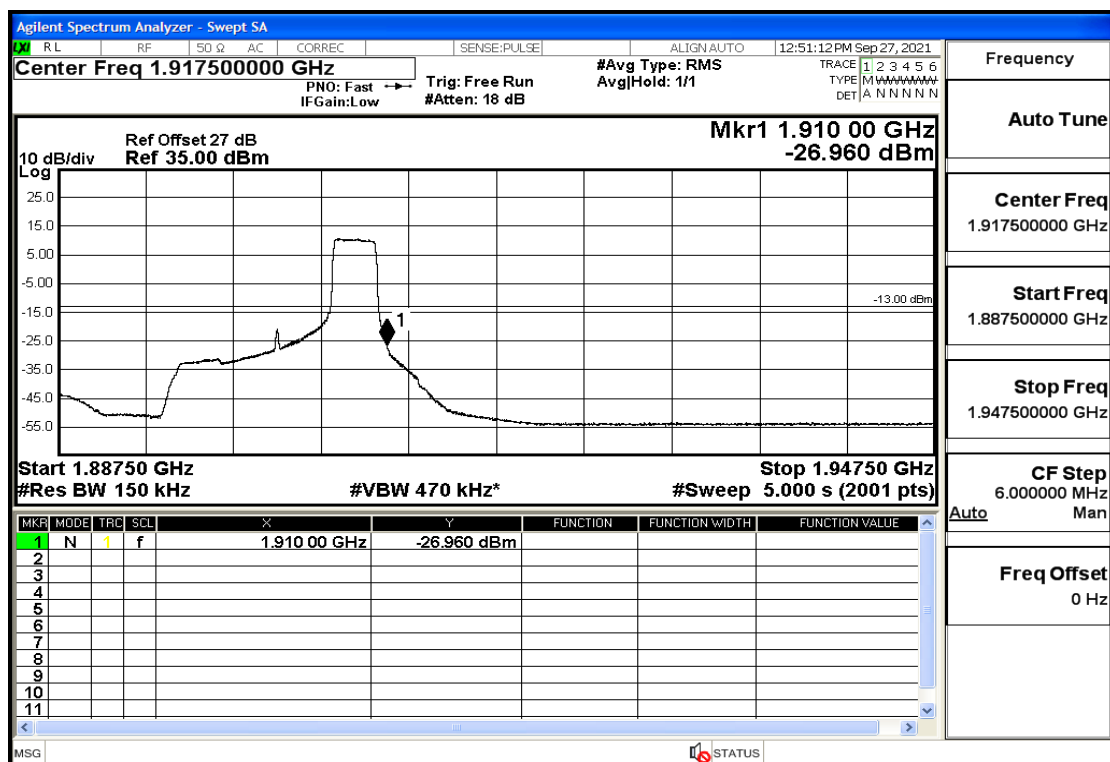
Band2-20-1900-16QAM-1#HIGH@Pass



Band2-10-1905-16QAM-12#HIGH@Pass



Band2-15-1902.5-16QAM-16#HIGH@Pass



Conducted Spurious Emission

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB2	1.4	1850.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1850.7	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	1.4	1850.7	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	1.4	1850.7	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1850.7	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1850.7	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	1.4	1850.7	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	1.4	1850.7	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	1.4	1850.7	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	1.4	1880	QPSK	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1880	QPSK	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1880	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1880	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1880	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	1.4	1880	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	1.4	1880	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1880	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1880	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	1.4	1880	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	1.4	1880	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	1.4	1880	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	1.4	1909.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1909.3	QPSK	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1909.3	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1909.3	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1909.3	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	1.4	1909.3	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	1.4	1909.3	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1909.3	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1909.3	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	1.4	1909.3	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	1.4	1909.3	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	1.4	1909.3	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	3	1851.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB2	3	1851.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB2	3	1851.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB2	3	1851.5	QPSK	15	LOW	13.6GHz-20GHz	Pass

OB2	3	1851.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	3	1851.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	3	1851.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	3	1851.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	3	1851.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	3	1851.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	3	1851.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	3	1851.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	3	1880	QPSK	15	LOW	30mHz-1GHz	Pass
OB2	3	1880	QPSK	15	LOW	1GHz-7GHz	Pass
OB2	3	1880	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB2	3	1880	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB2	3	1880	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	3	1880	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	3	1880	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	3	1880	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	3	1880	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	3	1880	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	3	1880	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	3	1880	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	3	1908.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB2	3	1908.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB2	3	1908.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB2	3	1908.5	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB2	3	1908.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	3	1908.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	3	1908.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	3	1908.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	3	1908.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	3	1908.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	3	1908.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	3	1908.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	5	1852.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB2	5	1852.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB2	5	1852.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1852.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB2	5	1852.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	5	1852.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	5	1852.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	5	1852.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	5	1852.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	5	1852.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	5	1852.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	5	1852.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	5	1880	QPSK	25	LOW	30mHz-1GHz	Pass
OB2	5	1880	QPSK	25	LOW	1GHz-7GHz	Pass

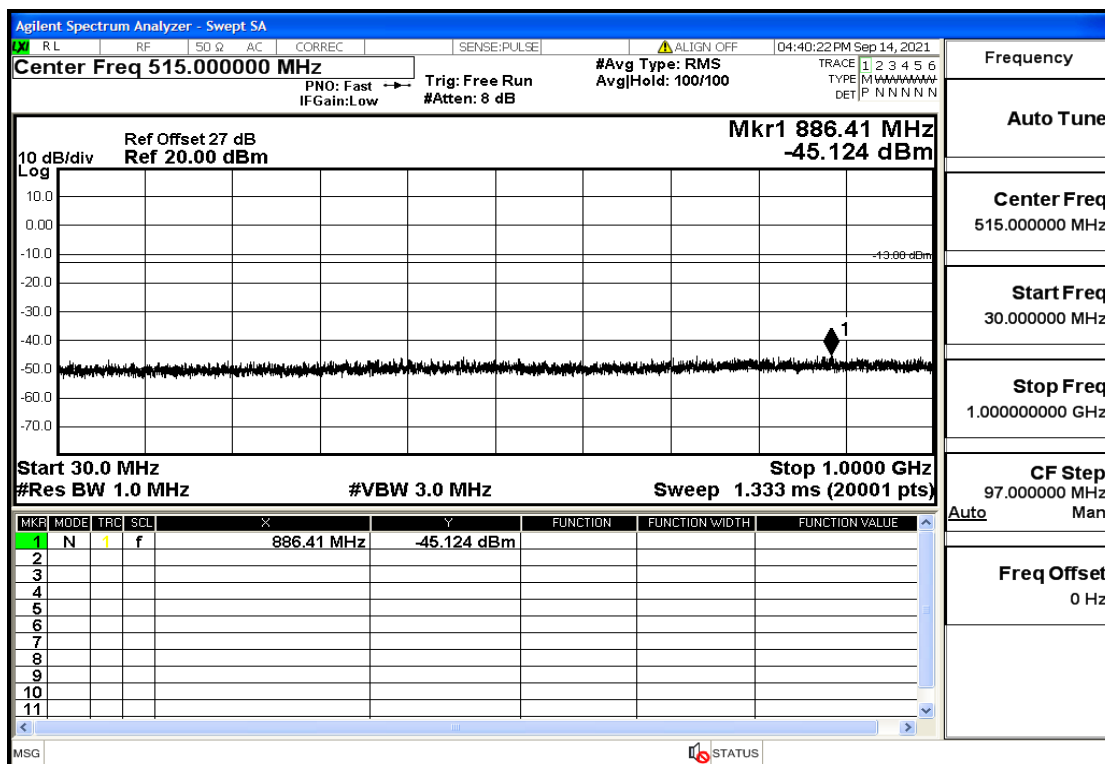
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OB2	5	1880	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB2	5	1880	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	5	1880	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	5	1880	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	5	1880	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	5	1880	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	5	1880	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	5	1880	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	5	1880	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	5	1907.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB2	5	1907.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB2	5	1907.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1907.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB2	5	1907.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	5	1907.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	5	1907.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	5	1907.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	5	1907.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	5	1907.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	5	1907.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	5	1907.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	10	1855	QPSK	50	LOW	30mHz-1GHz	Pass
OB2	10	1855	QPSK	50	LOW	1GHz-7GHz	Pass
OB2	10	1855	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB2	10	1855	QPSK	50	LOW	13.6GHz-20GHz	Pass
OB2	10	1855	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	10	1855	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	10	1855	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	10	1855	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	10	1855	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	10	1855	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	10	1855	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	10	1855	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	10	1880	QPSK	50	LOW	30mHz-1GHz	Pass
OB2	10	1880	QPSK	50	LOW	1GHz-7GHz	Pass
OB2	10	1880	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB2	10	1880	QPSK	50	LOW	13.6GHz-20GHz	Pass
OB2	10	1880	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	10	1880	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	10	1880	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	10	1880	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	10	1880	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	10	1880	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	10	1880	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	10	1880	QPSK	1	HIGH	13.6GHz-20GHz	Pass

OB2	10	1905	QPSK	50	LOW	30mHz-1GHz	Pass
OB2	10	1905	QPSK	50	LOW	1GHz-7GHz	Pass
OB2	10	1905	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB2	10	1905	QPSK	50	LOW	13.6GHz-20GHz	Pass
OB2	10	1905	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	10	1905	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	10	1905	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	10	1905	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	10	1905	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	10	1905	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	10	1905	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	10	1905	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	15	1857.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB2	15	1857.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB2	15	1857.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB2	15	1857.5	QPSK	75	LOW	13.6GHz-20GHz	Pass
OB2	15	1857.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	15	1857.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	15	1857.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	15	1857.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	15	1857.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	15	1857.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	15	1857.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	15	1857.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	15	1857.5	QPSK	75	0	30mHz-1GHz	Pass
OB2	15	1857.5	QPSK	75	0	1GHz-7GHz	Pass
OB2	15	1857.5	QPSK	75	0	7GHz-13.6GHz	Pass
OB2	15	1857.5	QPSK	75	0	13.6GHz-20GHz	Pass
OB2	15	1857.5	QPSK	1	0	30mHz-1GHz	Pass
OB2	15	1857.5	QPSK	1	0	1GHz-7GHz	Pass
OB2	15	1857.5	QPSK	1	0	7GHz-13.6GHz	Pass
OB2	15	1857.5	QPSK	1	0	13.6GHz-20GHz	Pass
OB2	15	1857.5	QPSK	1	74	30mHz-1GHz	Pass
OB2	15	1857.5	QPSK	1	74	1GHz-7GHz	Pass
OB2	15	1857.5	QPSK	1	74	7GHz-13.6GHz	Pass
OB2	15	1857.5	QPSK	1	74	13.6GHz-20GHz	Pass
OB2	15	1880	QPSK	75	0	30mHz-1GHz	Pass
OB2	15	1880	QPSK	75	0	1GHz-7GHz	Pass
OB2	15	1880	QPSK	75	0	7GHz-13.6GHz	Pass
OB2	15	1880	QPSK	75	0	13.6GHz-20GHz	Pass
OB2	15	1880	QPSK	1	0	30mHz-1GHz	Pass
OB2	15	1880	QPSK	1	0	1GHz-7GHz	Pass
OB2	15	1880	QPSK	1	0	7GHz-13.6GHz	Pass
OB2	15	1880	QPSK	1	0	13.6GHz-20GHz	Pass
OB2	15	1880	QPSK	1	68	30mHz-1GHz	Pass
OB2	15	1880	QPSK	1	68	1GHz-7GHz	Pass

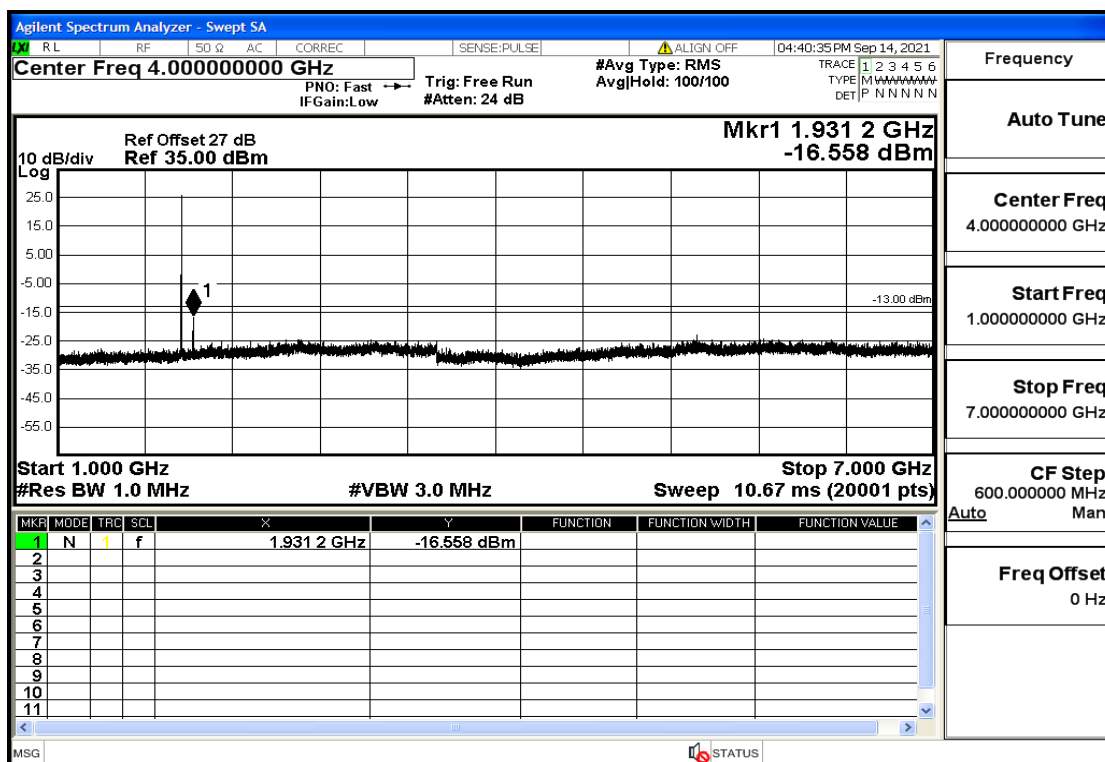
OB2	15	1880	QPSK	1	68	7GHz-13.6GHz	Pass
OB2	15	1880	QPSK	1	68	13.6GHz-20GHz	Pass
OB2	15	1902.5	QPSK	75	0	30mHz-1GHz	Pass
OB2	15	1902.5	QPSK	75	0	1GHz-7GHz	Pass
OB2	15	1902.5	QPSK	75	0	7GHz-13.6GHz	Pass
OB2	15	1902.5	QPSK	75	0	13.6GHz-20GHz	Pass
OB2	15	1902.5	QPSK	1	0	30mHz-1GHz	Pass
OB2	15	1902.5	QPSK	1	0	1GHz-7GHz	Pass
OB2	15	1902.5	QPSK	1	0	7GHz-13.6GHz	Pass
OB2	15	1902.5	QPSK	1	0	13.6GHz-20GHz	Pass
OB2	15	1902.5	QPSK	1	68	30mHz-1GHz	Pass
OB2	15	1902.5	QPSK	1	68	1GHz-7GHz	Pass
OB2	15	1902.5	QPSK	1	68	7GHz-13.6GHz	Pass
OB2	15	1902.5	QPSK	1	68	13.6GHz-20GHz	Pass
OB2	20	1860	QPSK	100	0	30mHz-1GHz	Pass
OB2	20	1860	QPSK	100	0	1GHz-7GHz	Pass
OB2	20	1860	QPSK	100	0	7GHz-13.6GHz	Pass
OB2	20	1860	QPSK	100	0	13.6GHz-20GHz	Pass
OB2	20	1860	QPSK	1	0	30mHz-1GHz	Pass
OB2	20	1860	QPSK	1	0	1GHz-7GHz	Pass
OB2	20	1860	QPSK	1	0	7GHz-13.6GHz	Pass
OB2	20	1860	QPSK	1	0	13.6GHz-20GHz	Pass
OB2	20	1860	QPSK	1	99	30mHz-1GHz	Pass
OB2	20	1860	QPSK	1	99	1GHz-7GHz	Pass
OB2	20	1860	QPSK	1	99	7GHz-13.6GHz	Pass
OB2	20	1860	QPSK	1	99	13.6GHz-20GHz	Pass
OB2	20	1880	QPSK	100	0	30mHz-1GHz	Pass
OB2	20	1880	QPSK	100	0	1GHz-7GHz	Pass
OB2	20	1880	QPSK	100	0	7GHz-13.6GHz	Pass
OB2	20	1880	QPSK	100	0	13.6GHz-20GHz	Pass
OB2	20	1880	QPSK	1	0	30mHz-1GHz	Pass
OB2	20	1880	QPSK	1	0	1GHz-7GHz	Pass
OB2	20	1880	QPSK	1	0	7GHz-13.6GHz	Pass
OB2	20	1880	QPSK	1	0	13.6GHz-20GHz	Pass
OB2	20	1880	QPSK	1	99	30mHz-1GHz	Pass
OB2	20	1880	QPSK	1	99	1GHz-7GHz	Pass
OB2	20	1880	QPSK	1	99	7GHz-13.6GHz	Pass
OB2	20	1880	QPSK	1	99	13.6GHz-20GHz	Pass
OB2	20	1900	QPSK	100	0	30mHz-1GHz	Pass
OB2	20	1900	QPSK	100	0	1GHz-7GHz	Pass
OB2	20	1900	QPSK	100	0	7GHz-13.6GHz	Pass
OB2	20	1900	QPSK	100	0	13.6GHz-20GHz	Pass
OB2	20	1900	QPSK	1	0	30mHz-1GHz	Pass
OB2	20	1900	QPSK	1	0	1GHz-7GHz	Pass
OB2	20	1900	QPSK	1	0	7GHz-13.6GHz	Pass
OB2	20	1900	QPSK	1	0	13.6GHz-20GHz	Pass

OB2	20	1900	QPSK	1	99	30mHz-1GHz	Pass
OB2	20	1900	QPSK	1	99	1GHz-7GHz	Pass
OB2	20	1900	QPSK	1	99	7GHz-13.6GHz	Pass
OB2	20	1900	QPSK	1	99	13.6GHz-20GHz	Pass

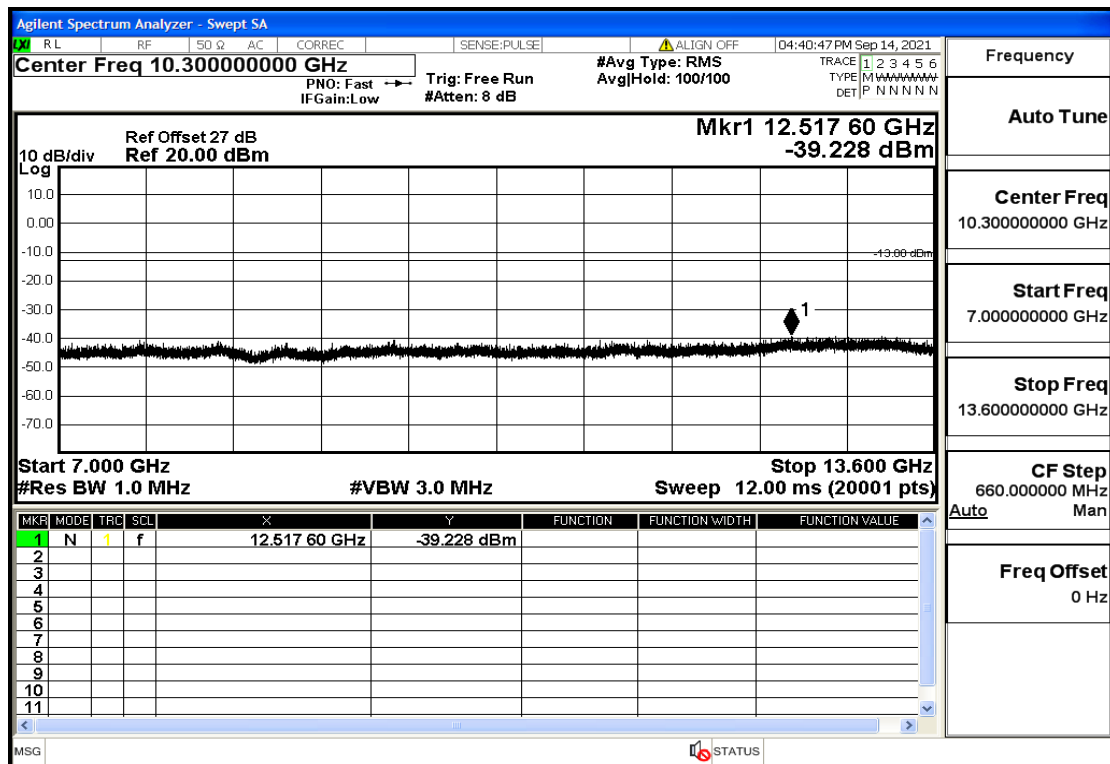
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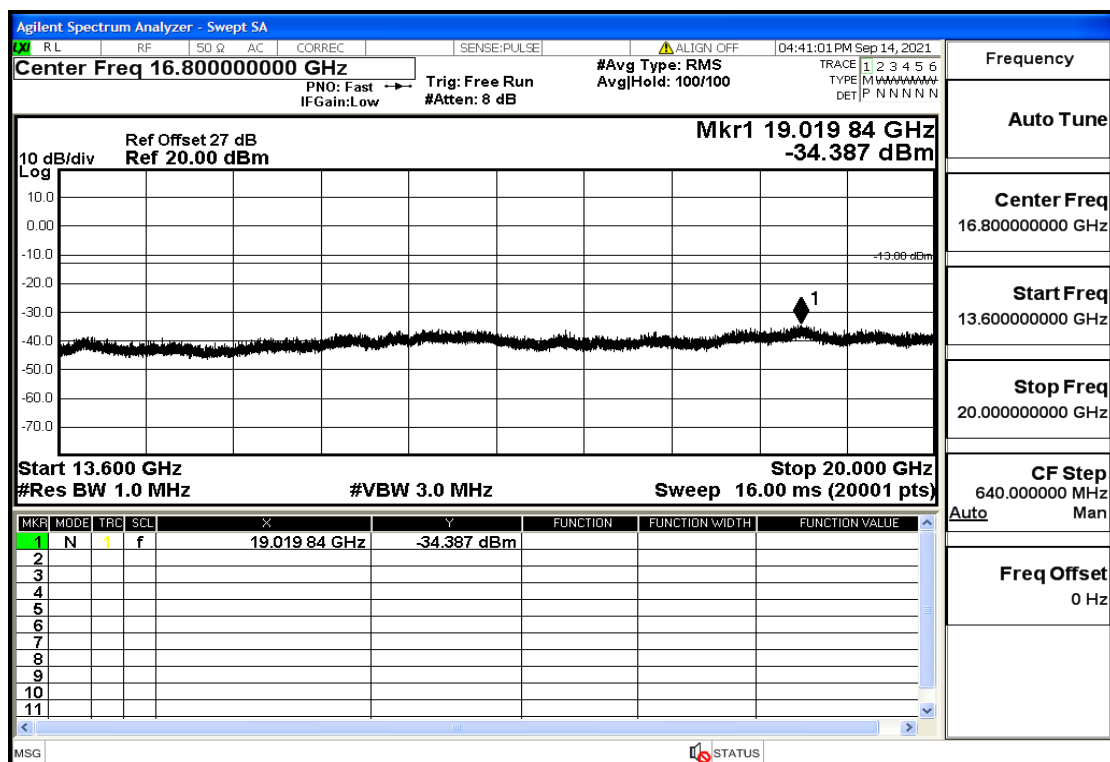
OB2-1.4-1850.7-QPSK-6#LOW@1GHz-7GHz@Pass



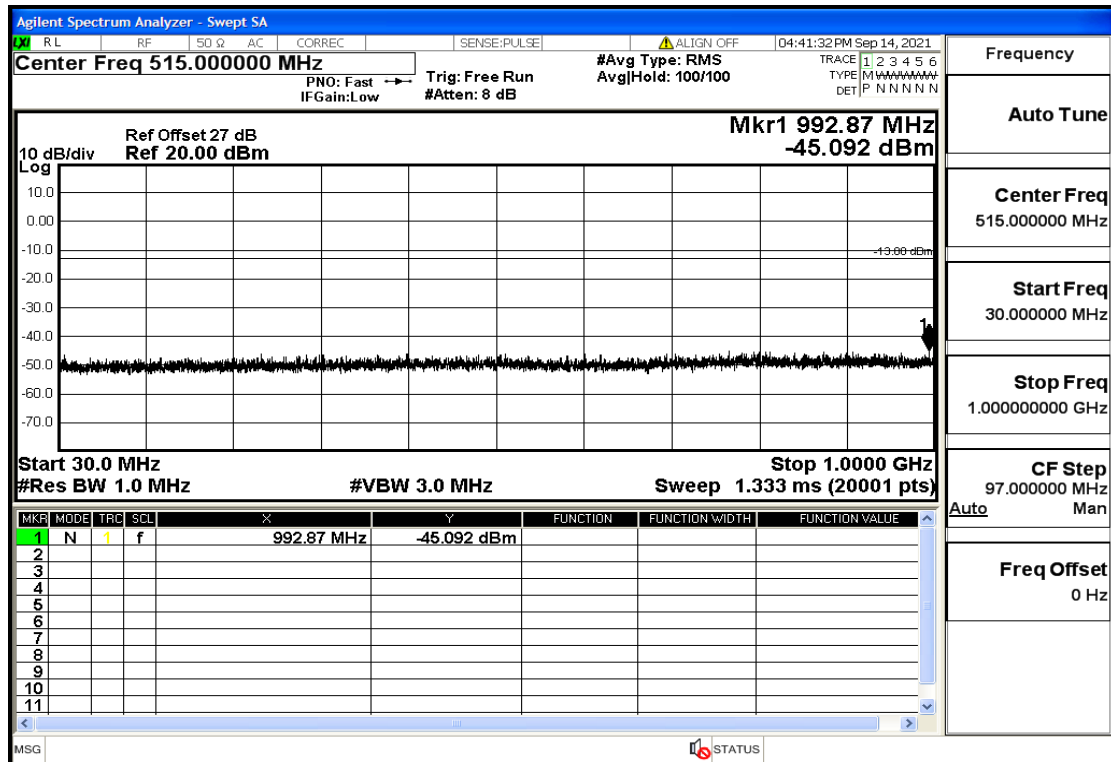
OB2-1.4-1850.7-QPSK-6#LOW@7GHz-13.6GHz@Pass



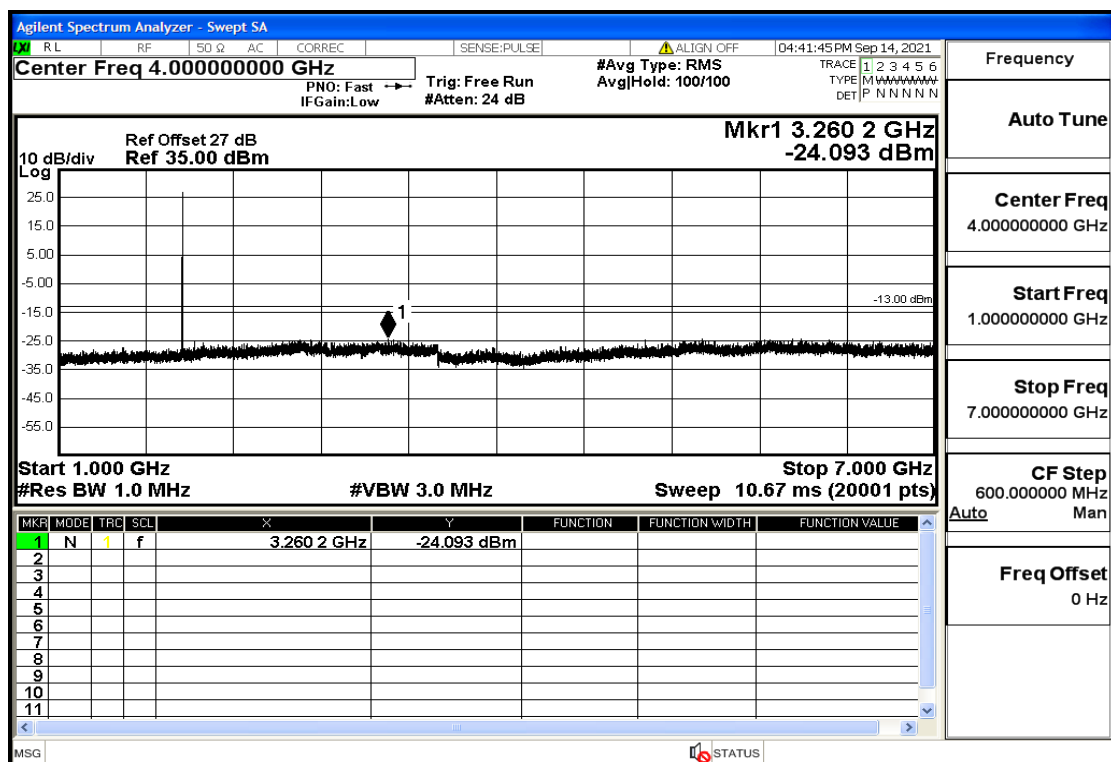
OB2-1.4-1850.7-QPSK-6#LOW@13.6GHz-20GHz@Pass



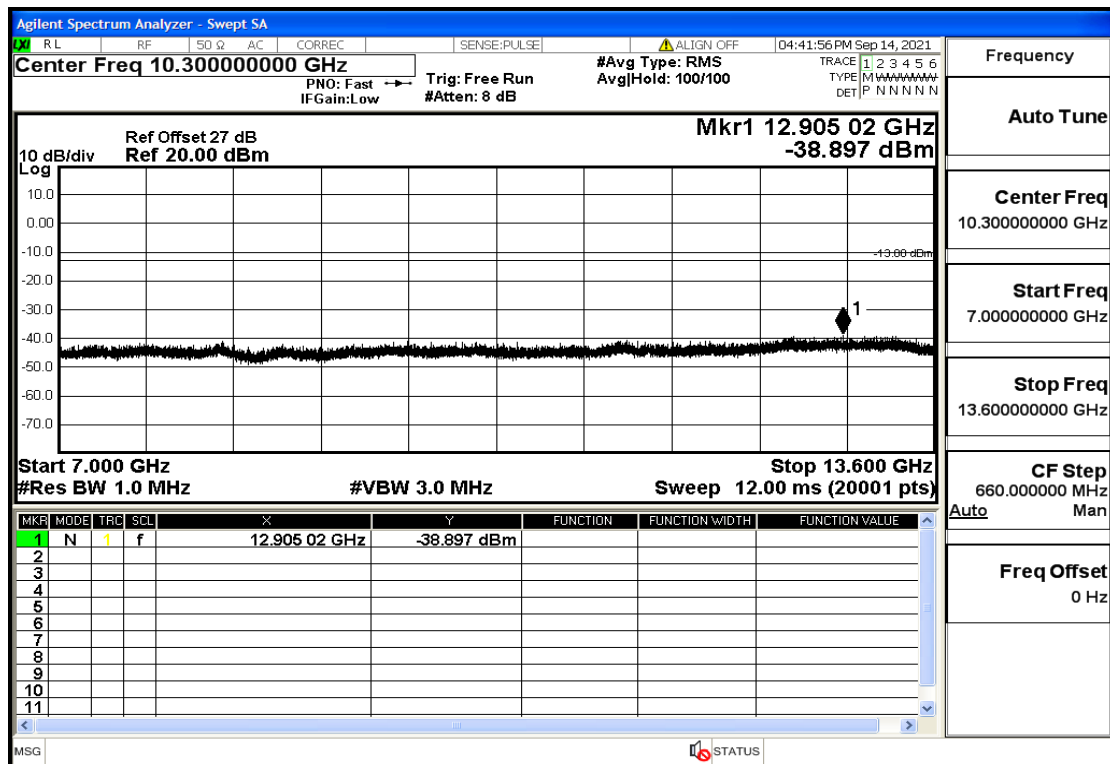
OB2-1.4-1850.7-QPSK-1#LOW@30mHz-1GHz@Pass



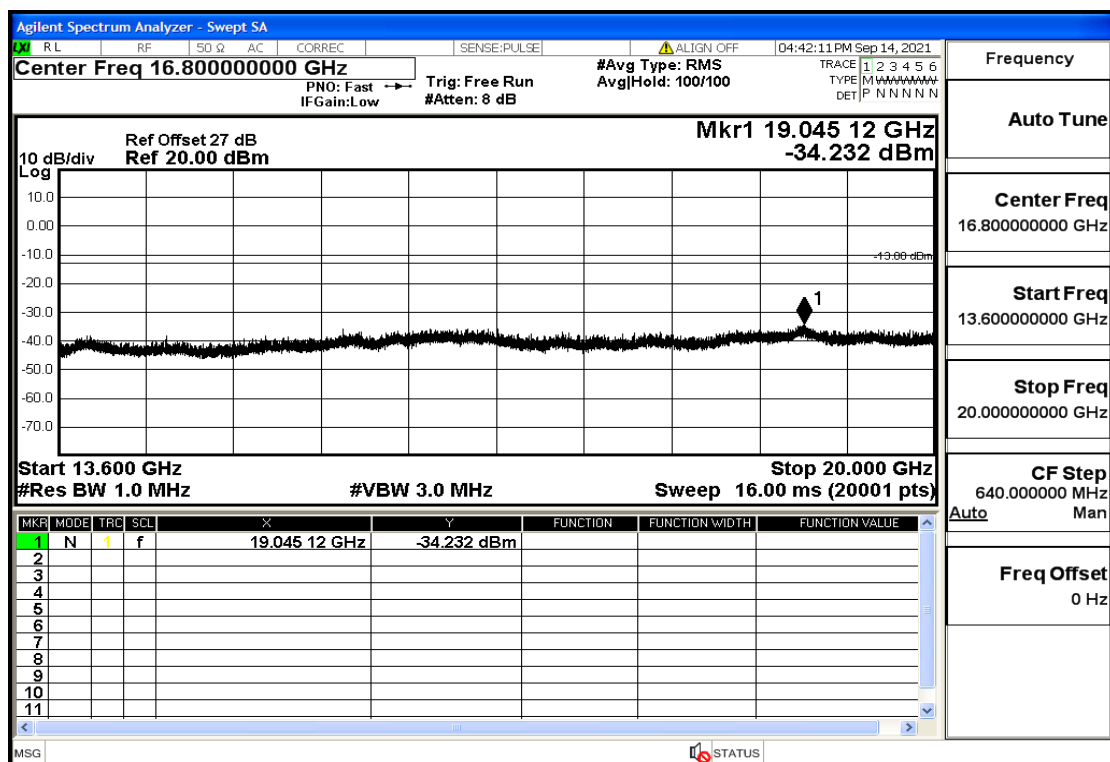
OB2-1.4-1850.7-QPSK-1#LOW@1GHz-7GHz@Pass



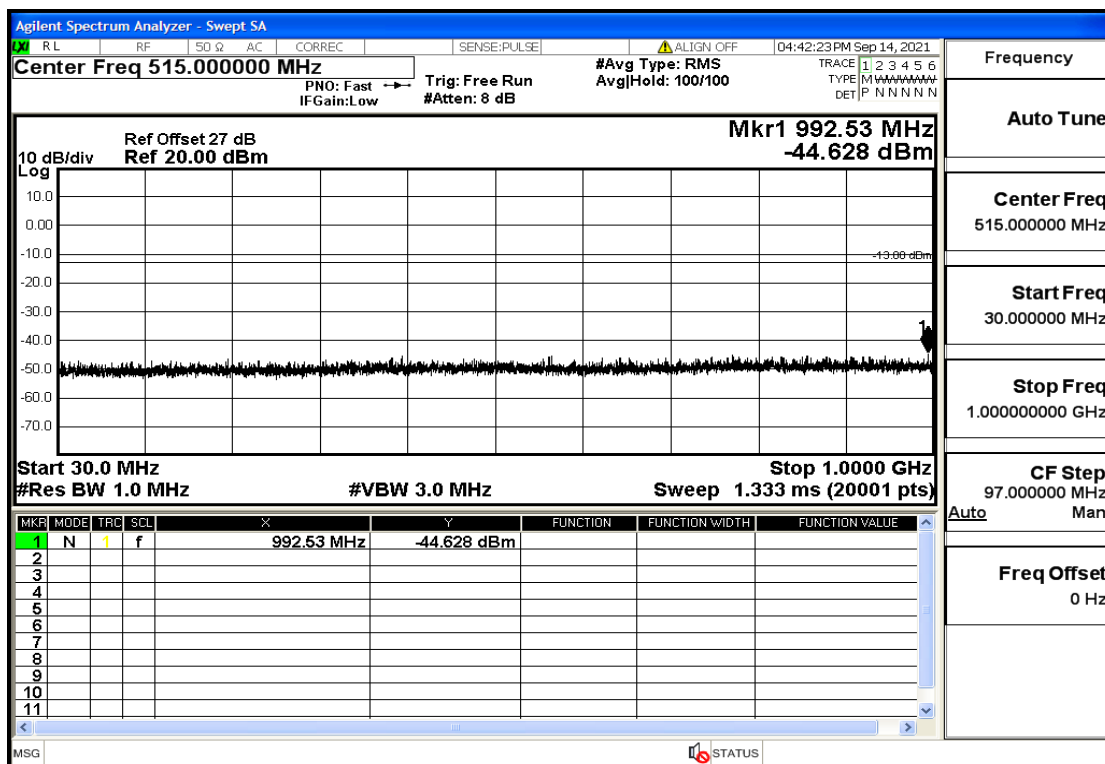
OB2-1.4-1850.7-QPSK-1#LOW@7GHz-13.6GHz@Pass



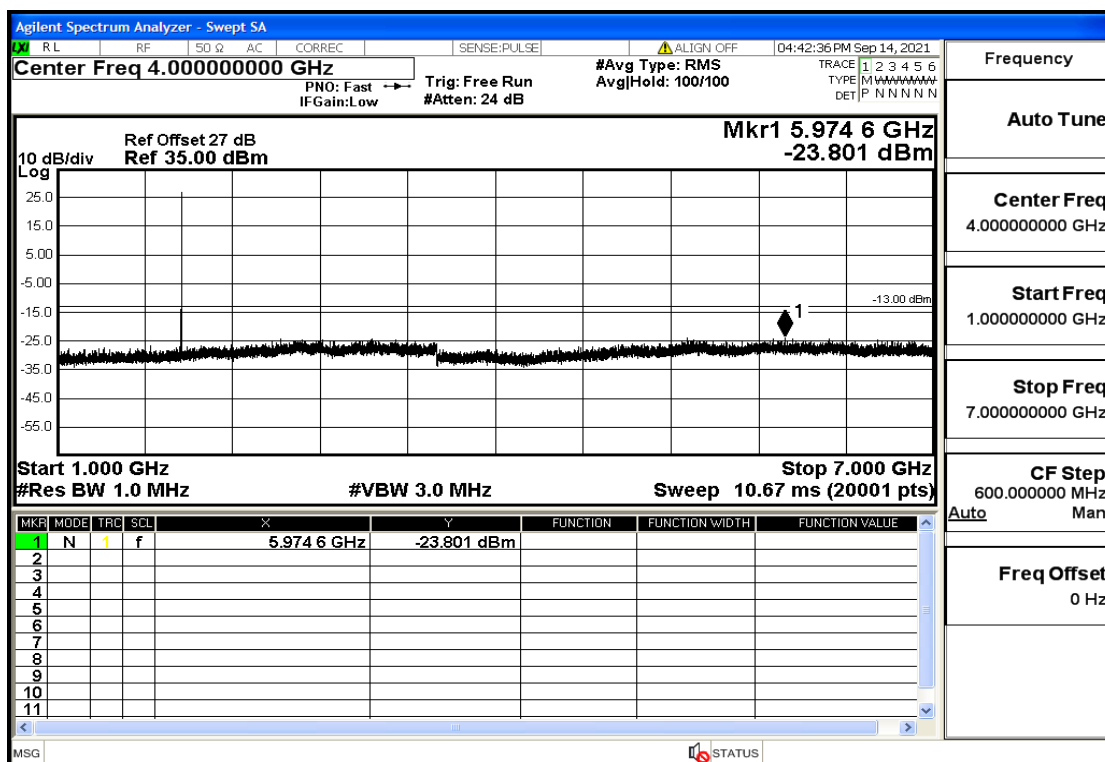
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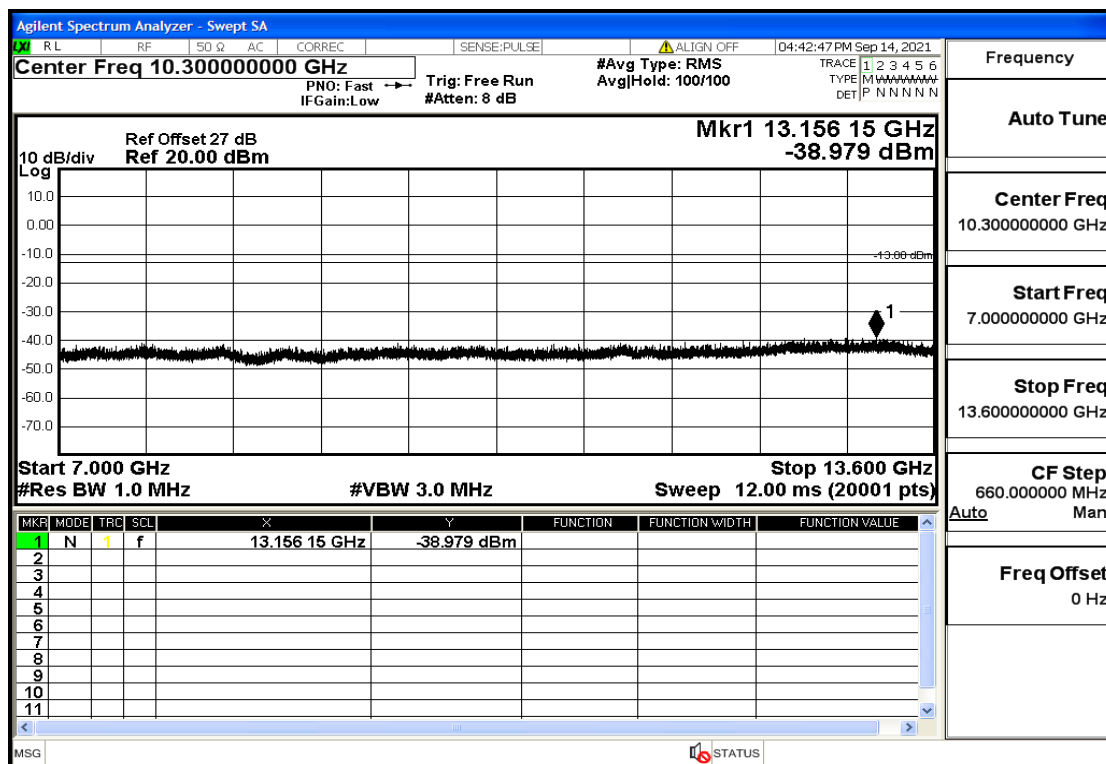
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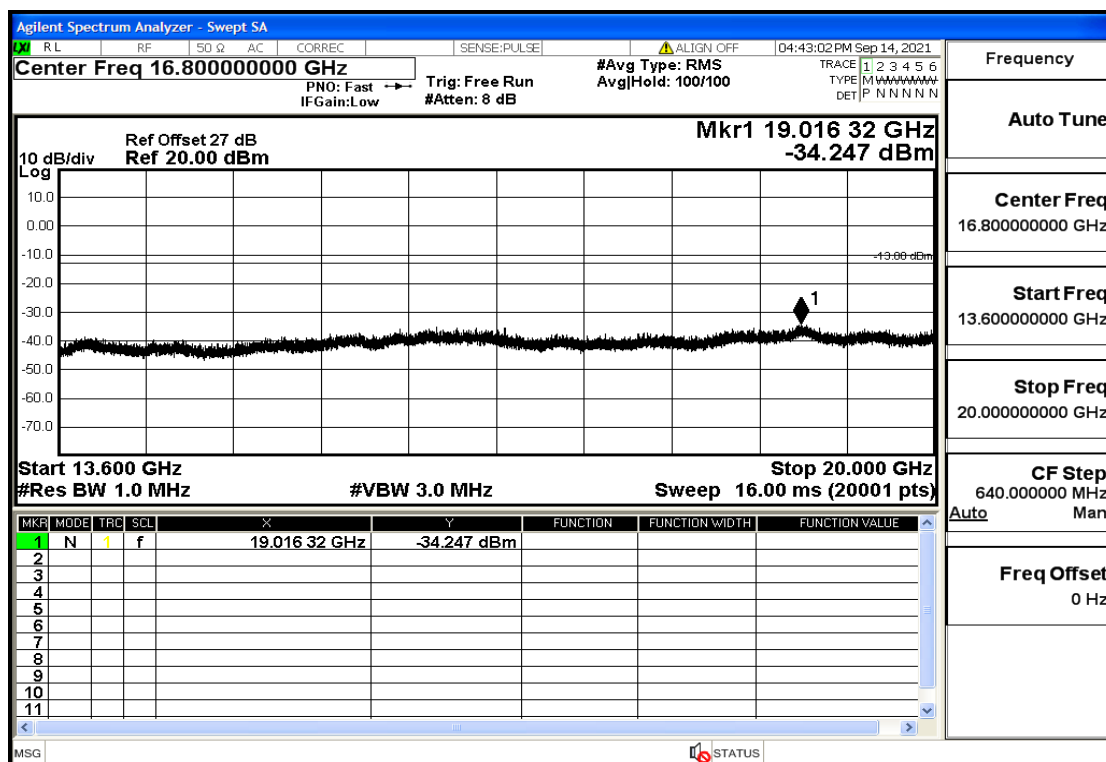
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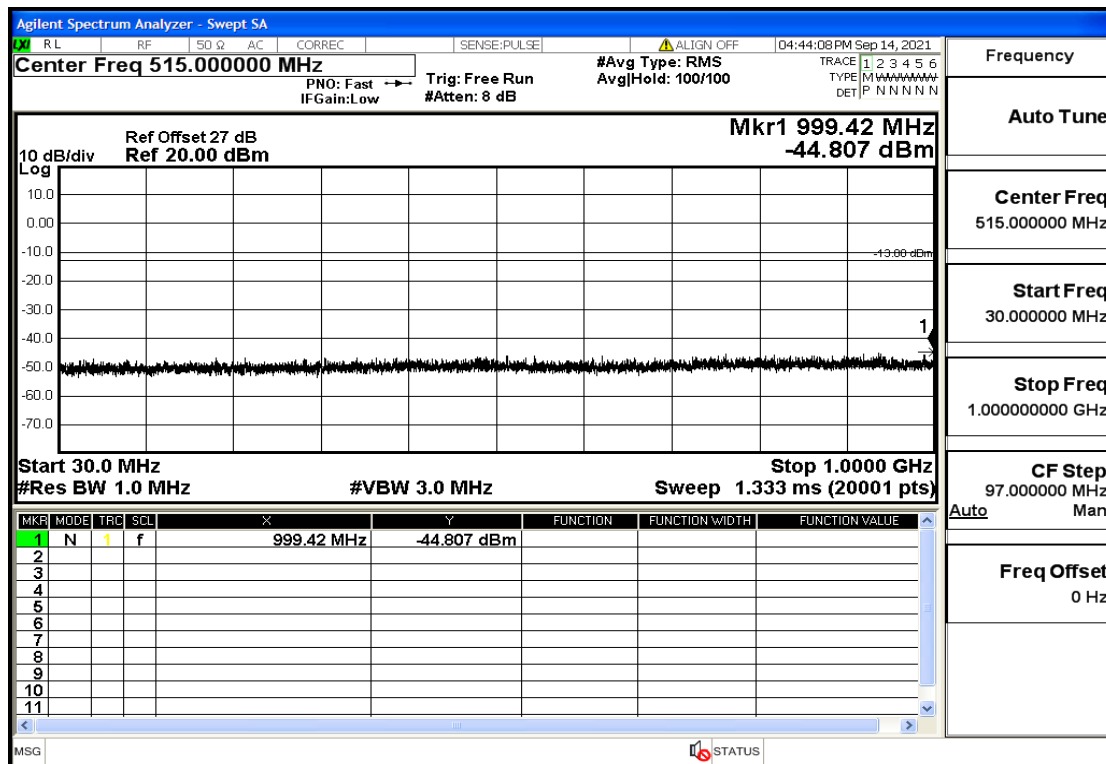
OB2-1.4-1850.7-QPSK-1#HIGH@7GHz-13.6GHz@Pass



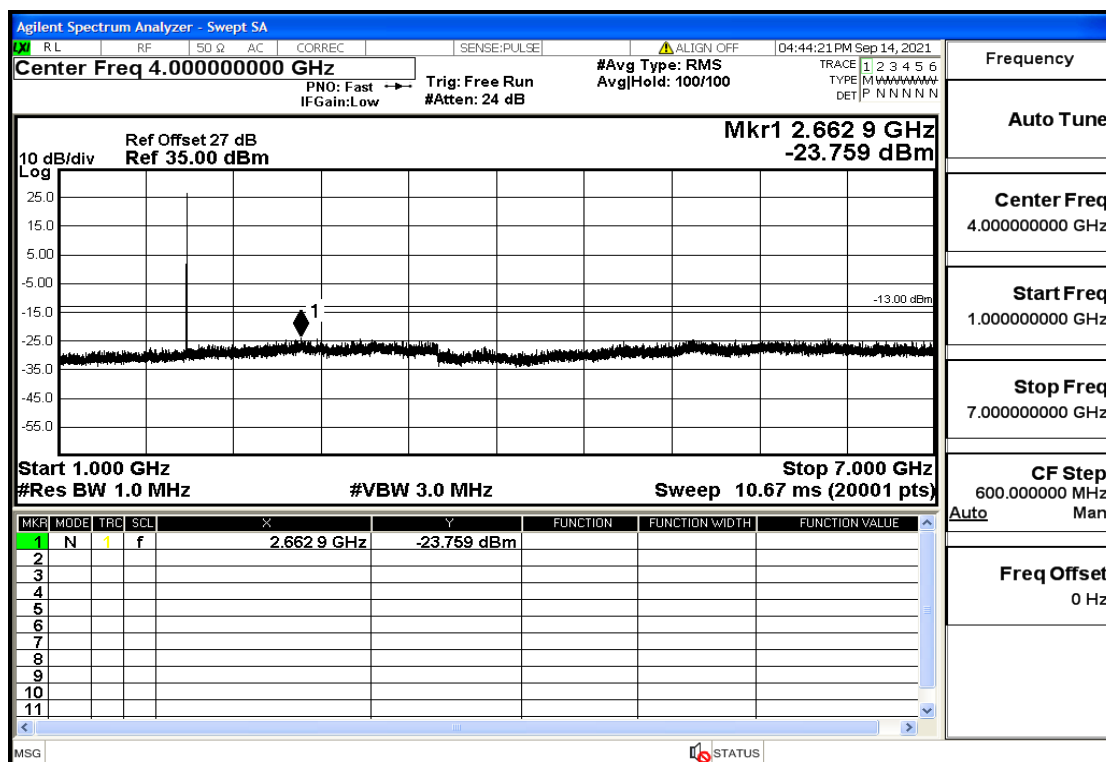
OB2-1.4-1850.7-QPSK-1#HIGH@13.6GHz-20GHz@Pass



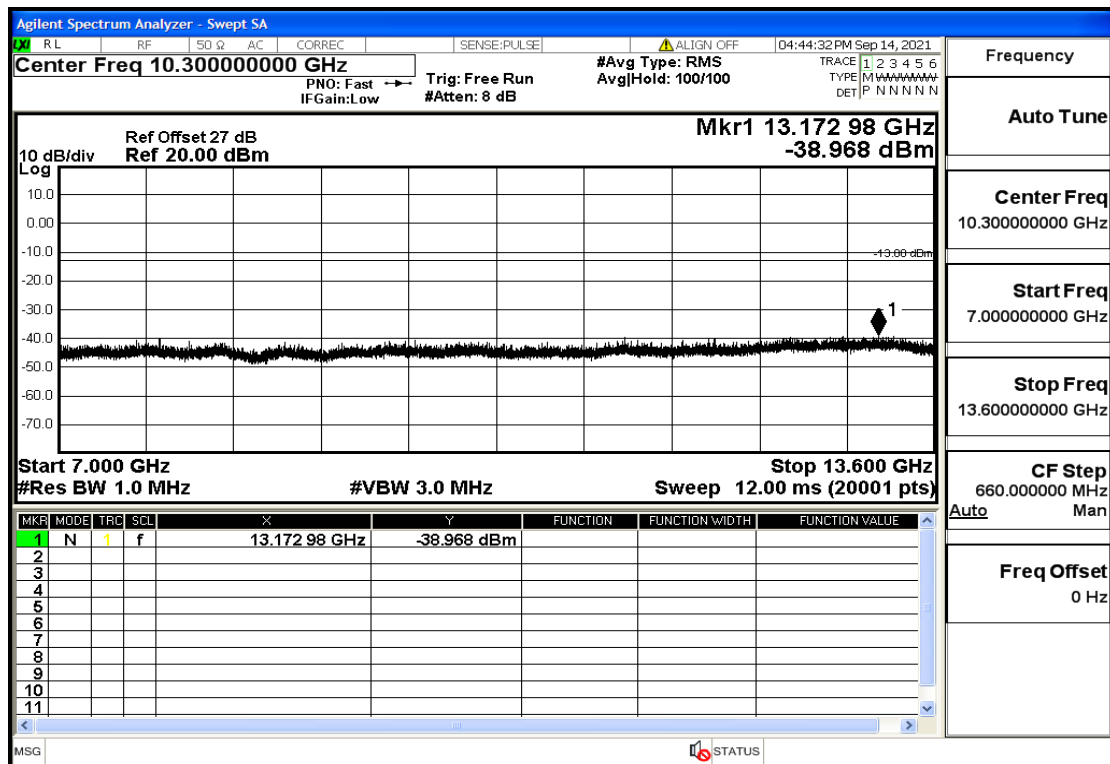
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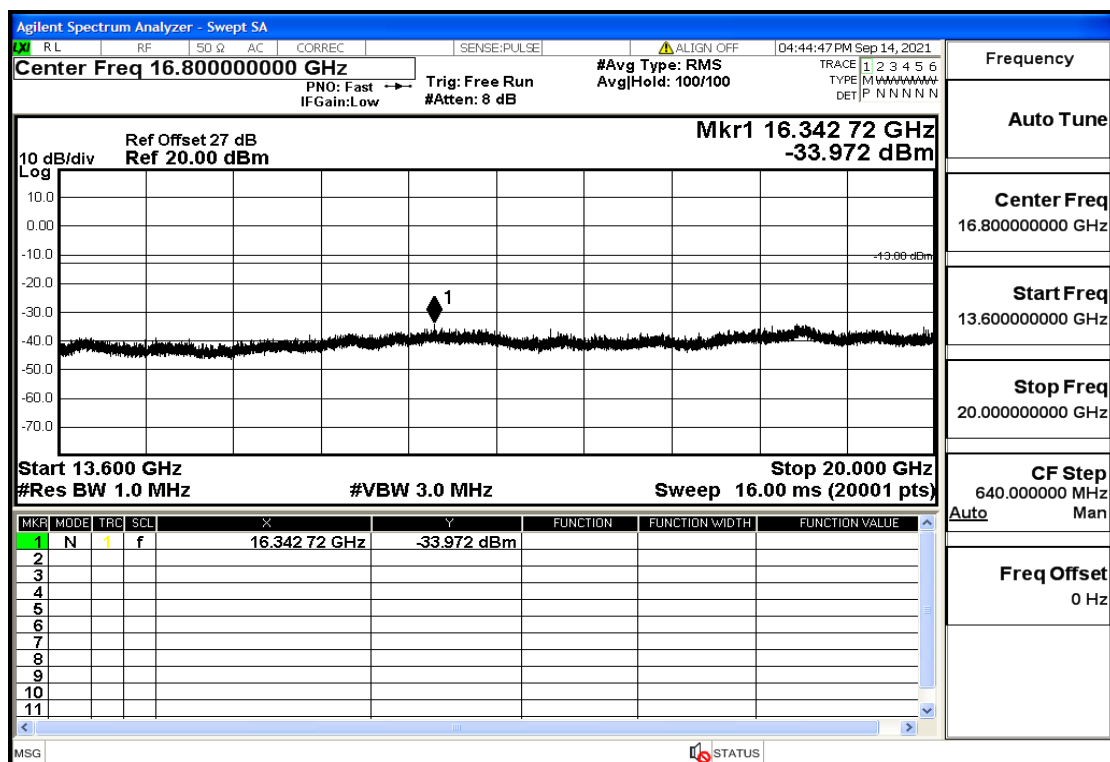
OB2-1.4-1880-QPSK-6#LOW@1GHz-7GHz@Pass



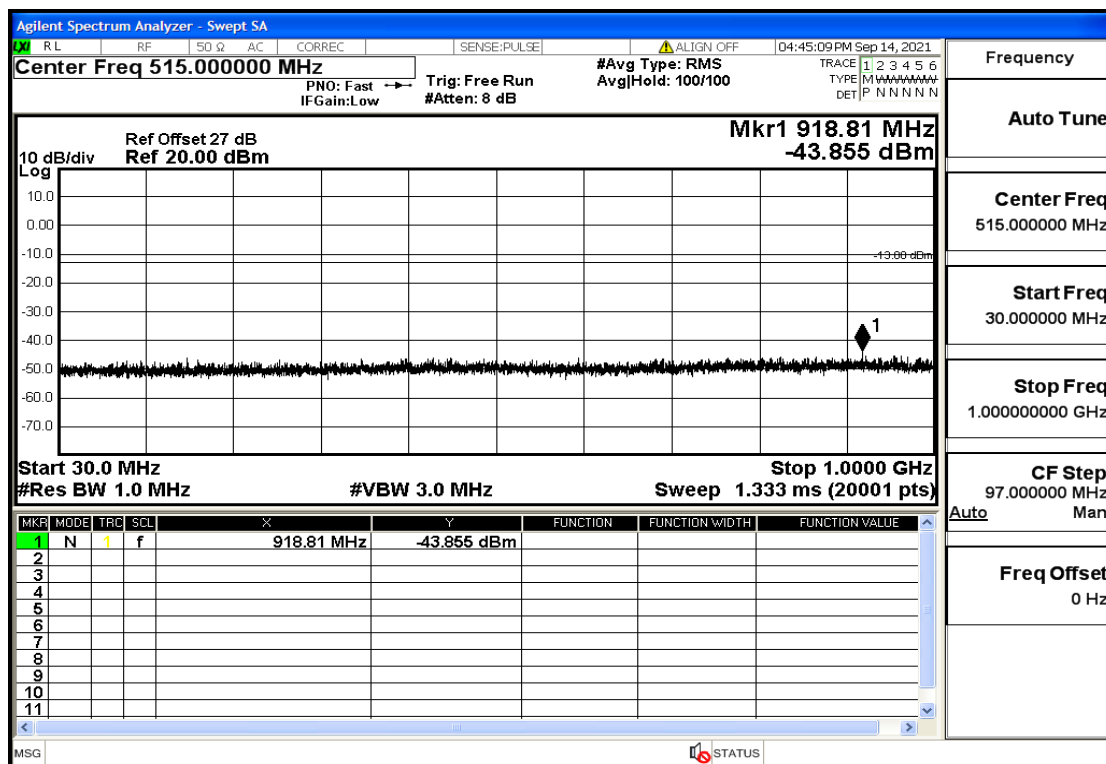
OB2-1.4-1880-QPSK-6#LOW@7GHz-13.6GHz@Pass



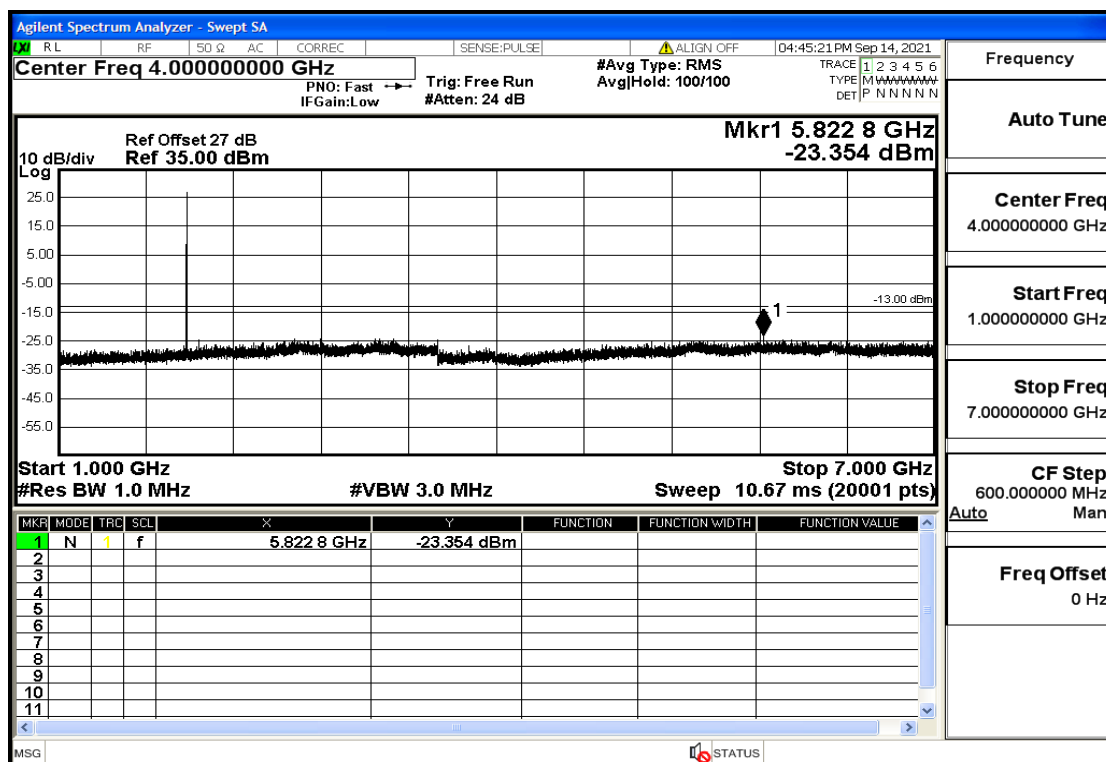
OB2-1.4-1880-QPSK-6#LOW@13.6GHz-20GHz@Pass



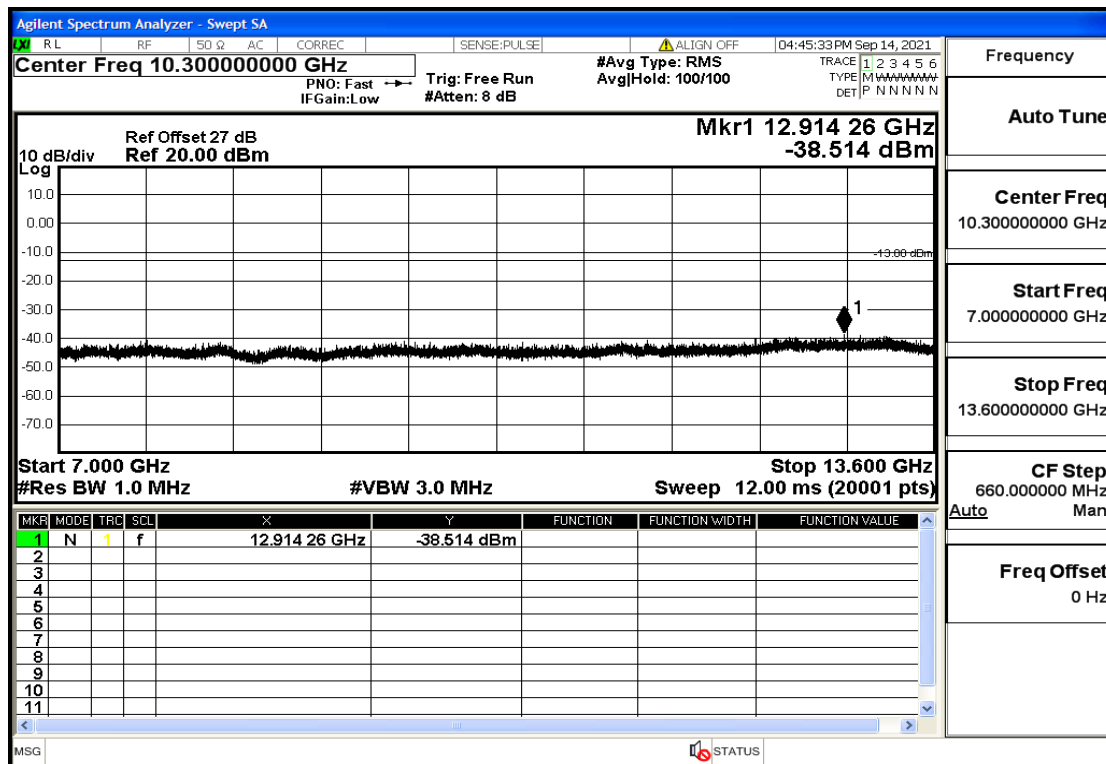
OB2-1.4-1880-QPSK-1#LOW@30mHz-1GHz@Pass



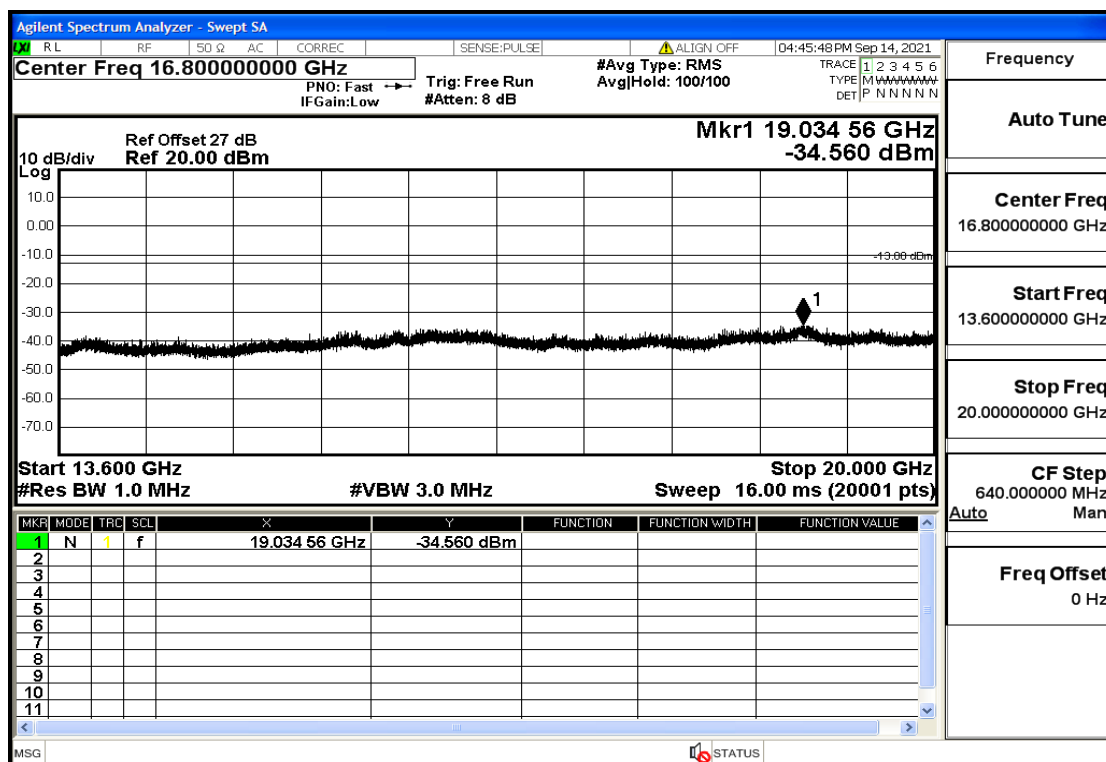
OB2-1.4-1880-QPSK-1#LOW@1GHz-7GHz@Pass



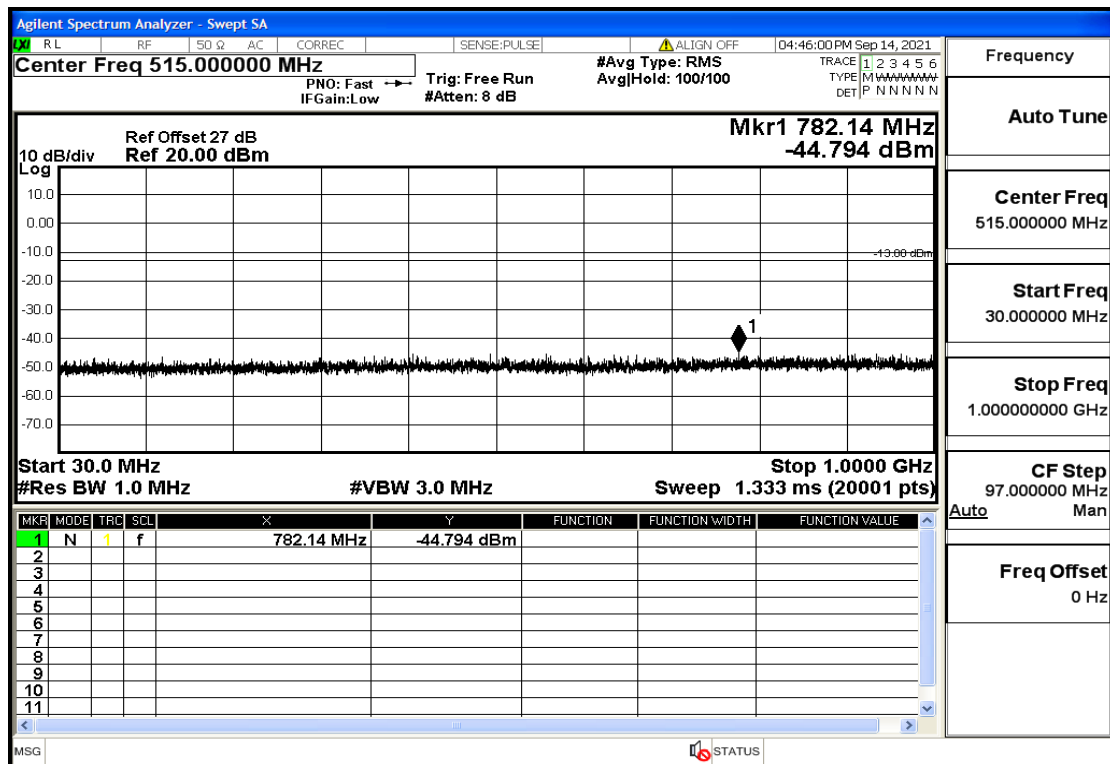
OB2-1.4-1880-QPSK-1#LOW@7GHz-13.6GHz@Pass



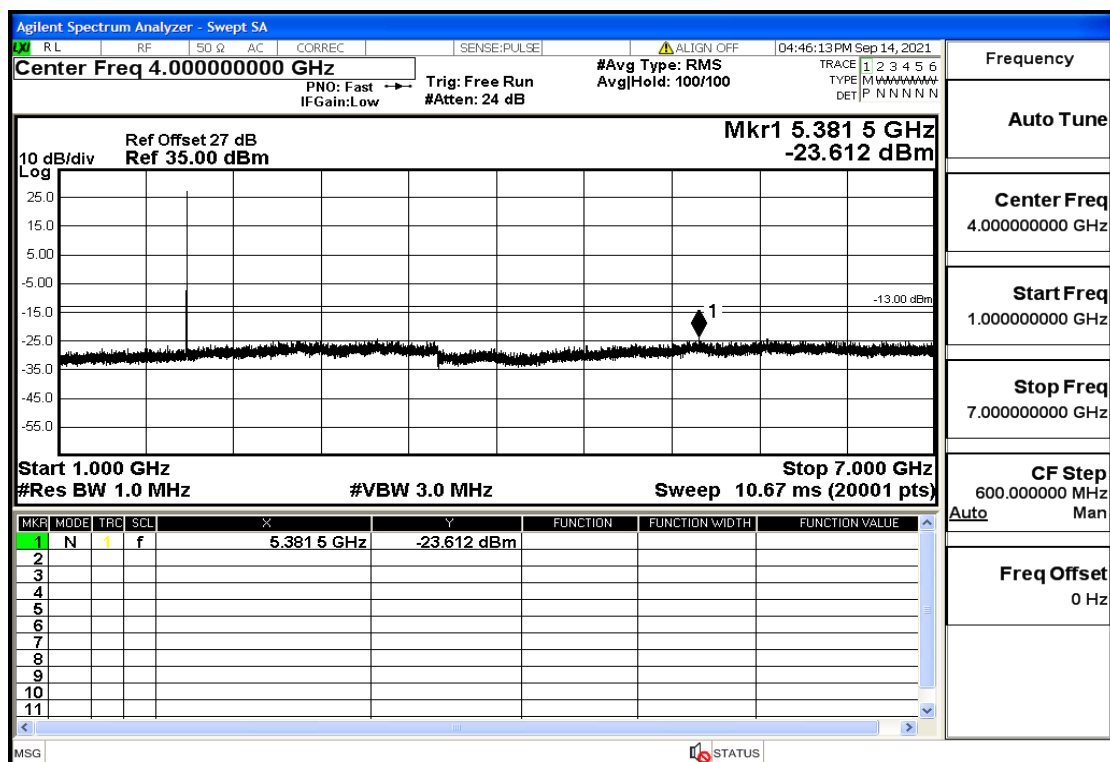
OB2-1.4-1880-QPSK-1#LOW@13.6GHz-20GHz@Pass



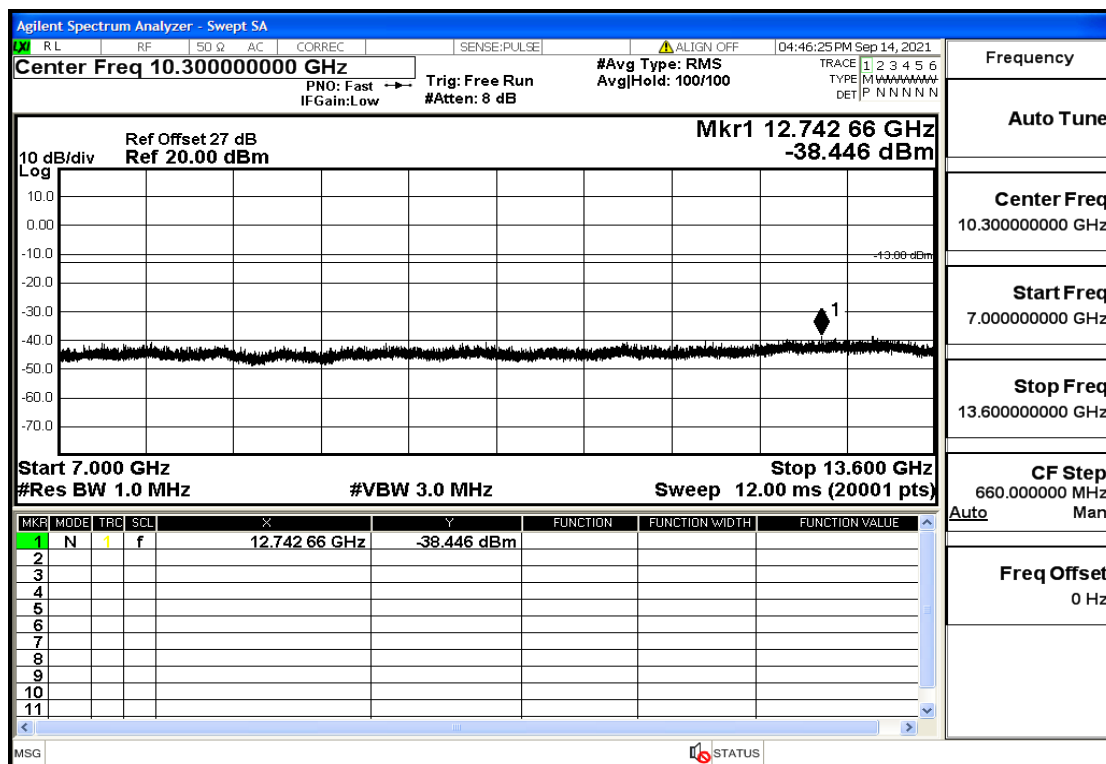
OB2-1.4-1880-QPSK-1#HIGH@30mHz-1GHz@Pass



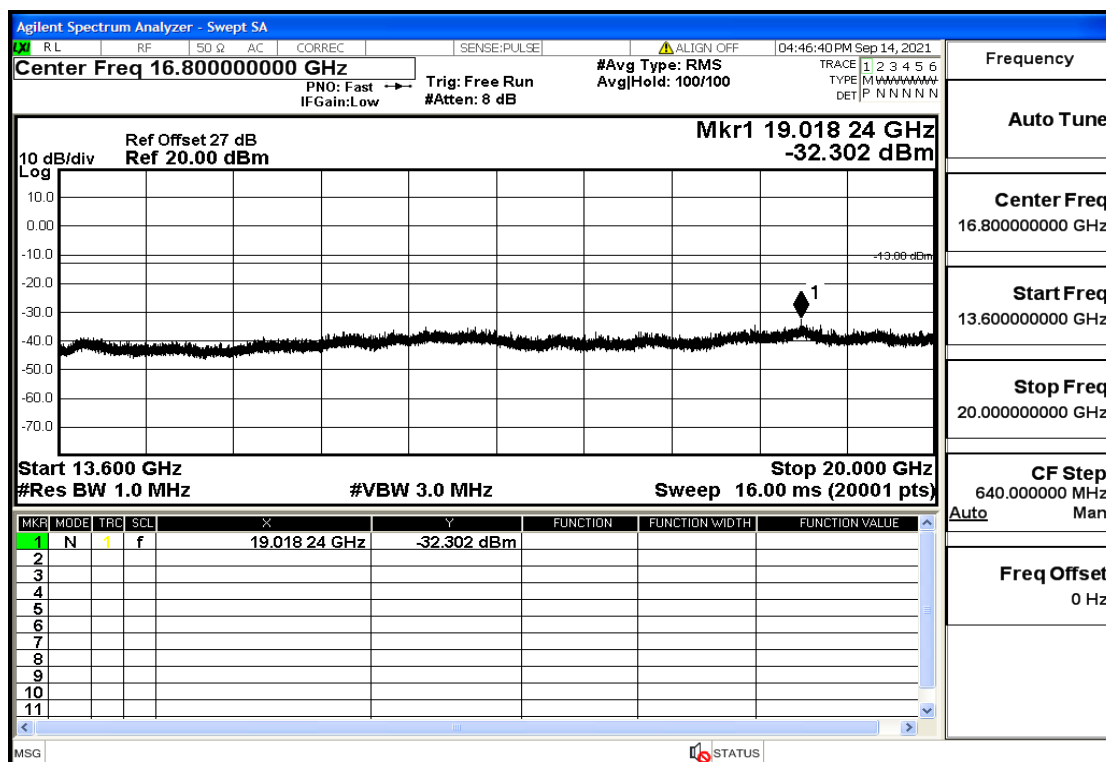
OB2-1.4-1880-QPSK-1#HIGH@1GHz-7GHz@Pass



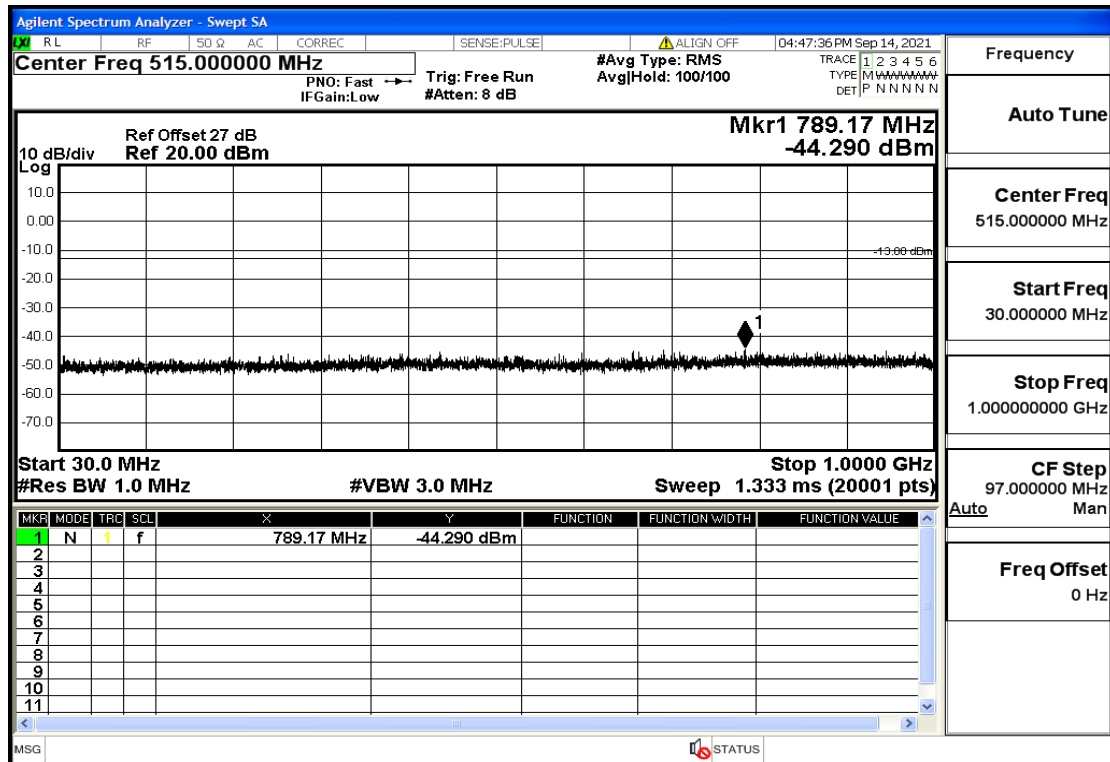
OB2-1.4-1880-QPSK-1#HIGH@7GHz-13.6GHz@Pass



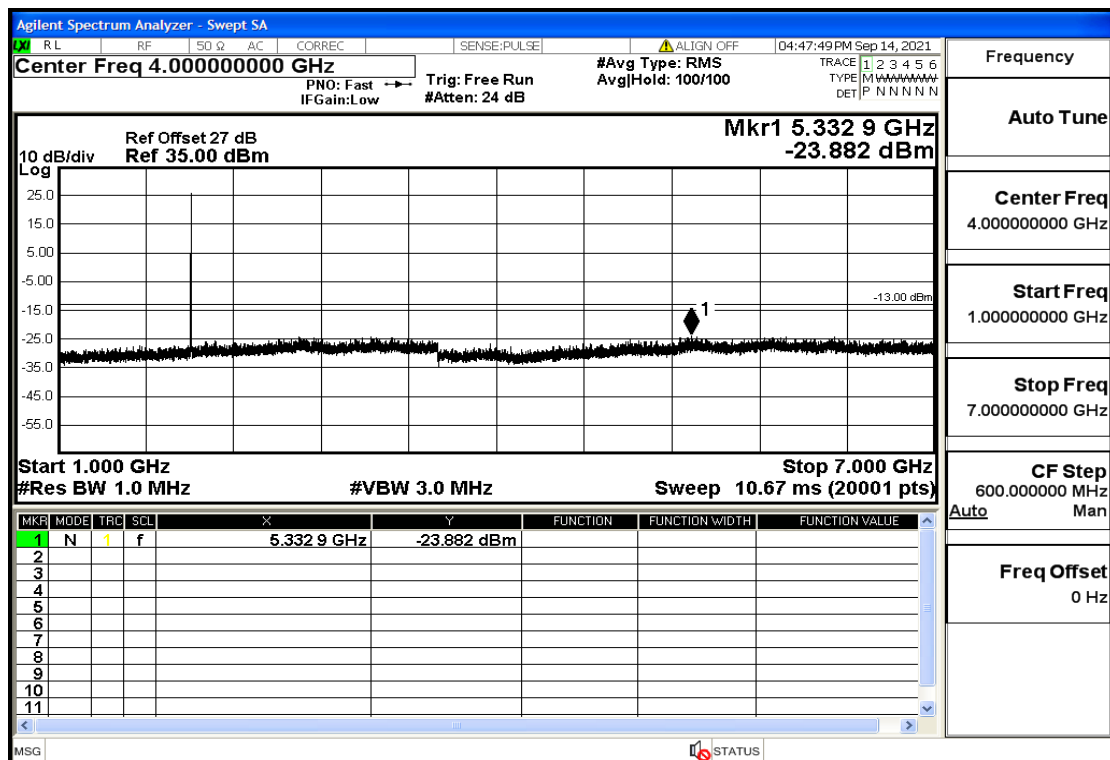
OB2-1.4-1880-QPSK-1#HIGH@13.6GHz-20GHz@Pass



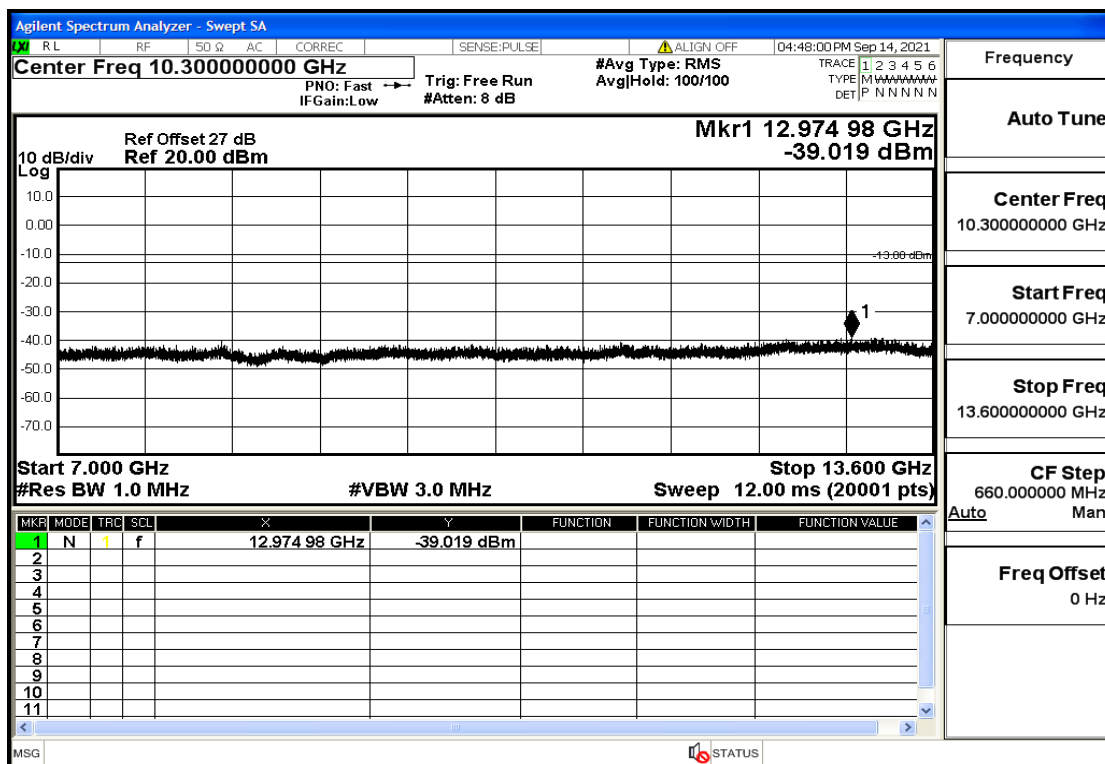
OB2-1.4-1909.3-QPSK-6#LOW@30mHz-1GHz@Pass



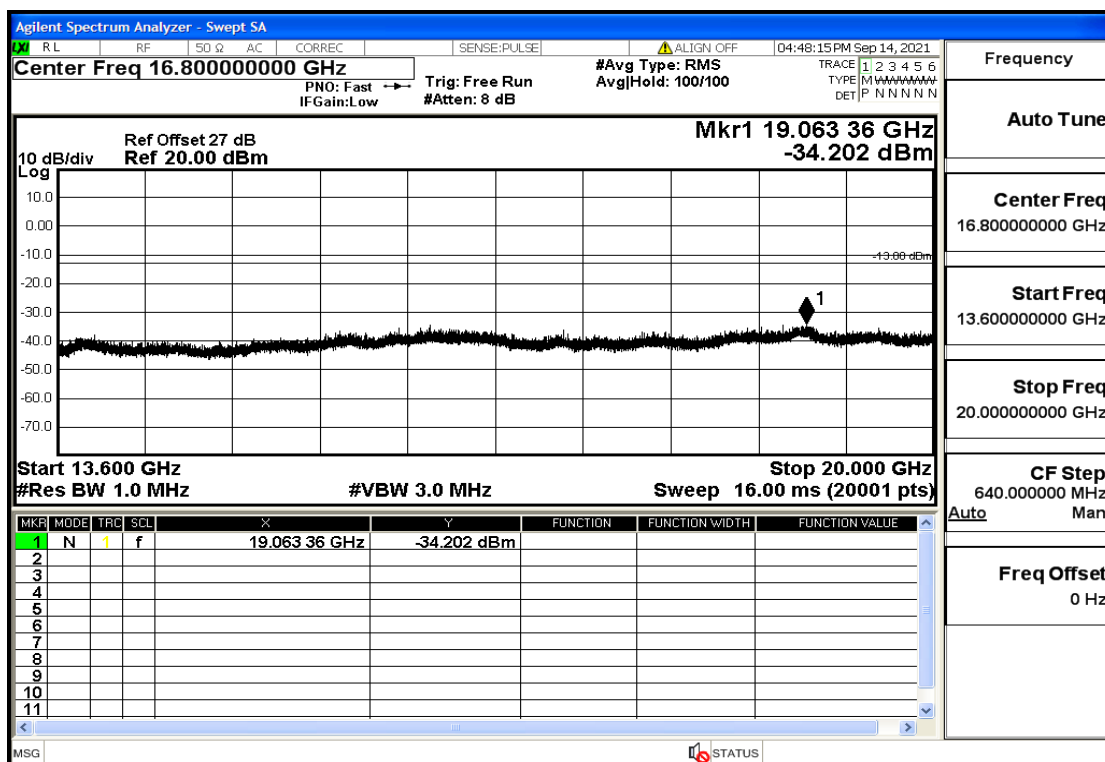
OB2-1.4-1909.3-QPSK-6#LOW@1GHz-7GHz@Pass



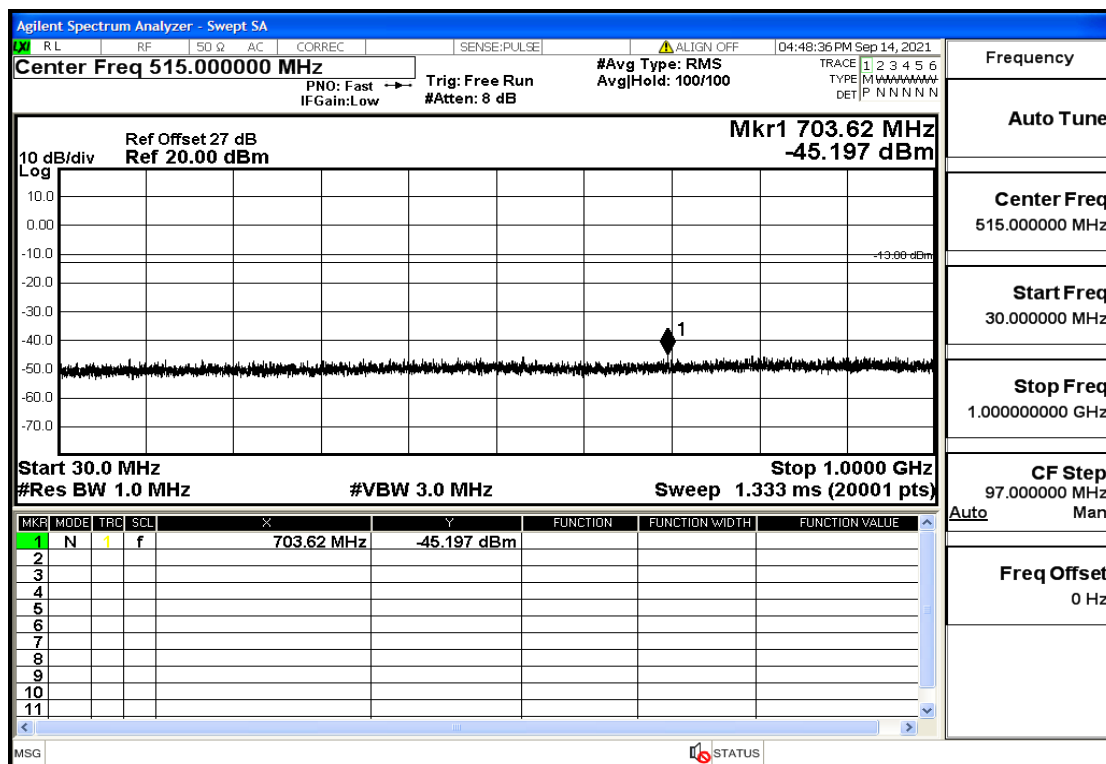
OB2-1.4-1909.3-QPSK-6#LOW@7GHz-13.6GHz@Pass



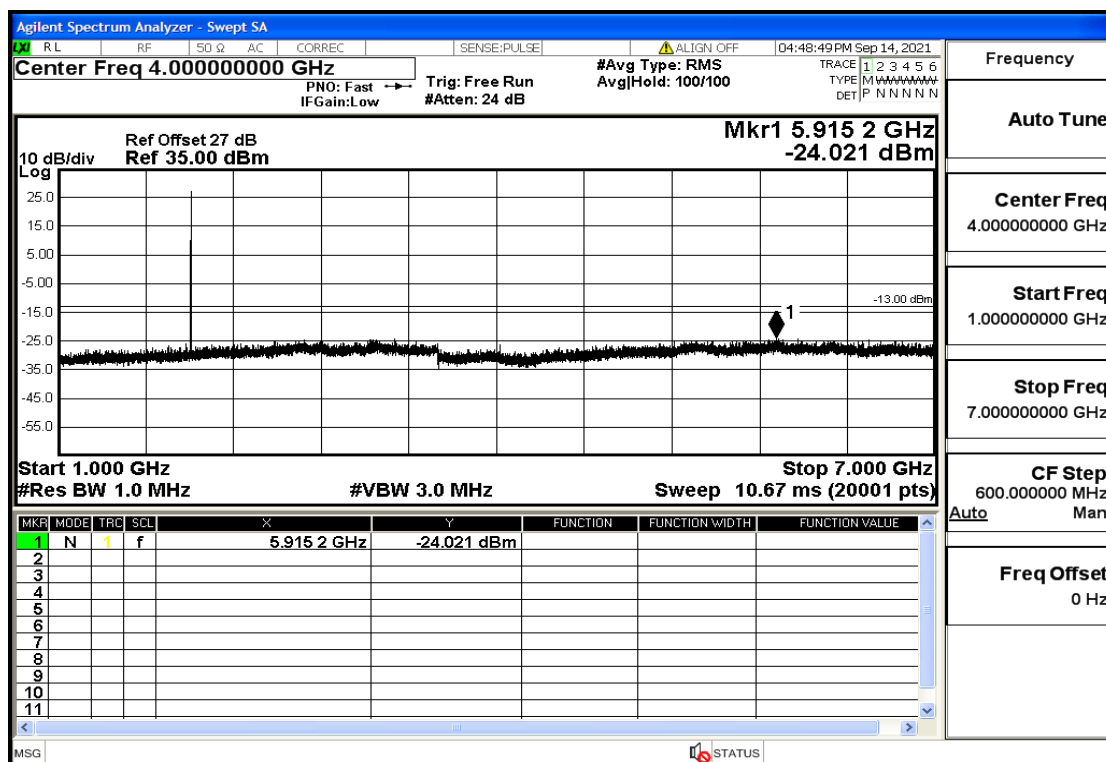
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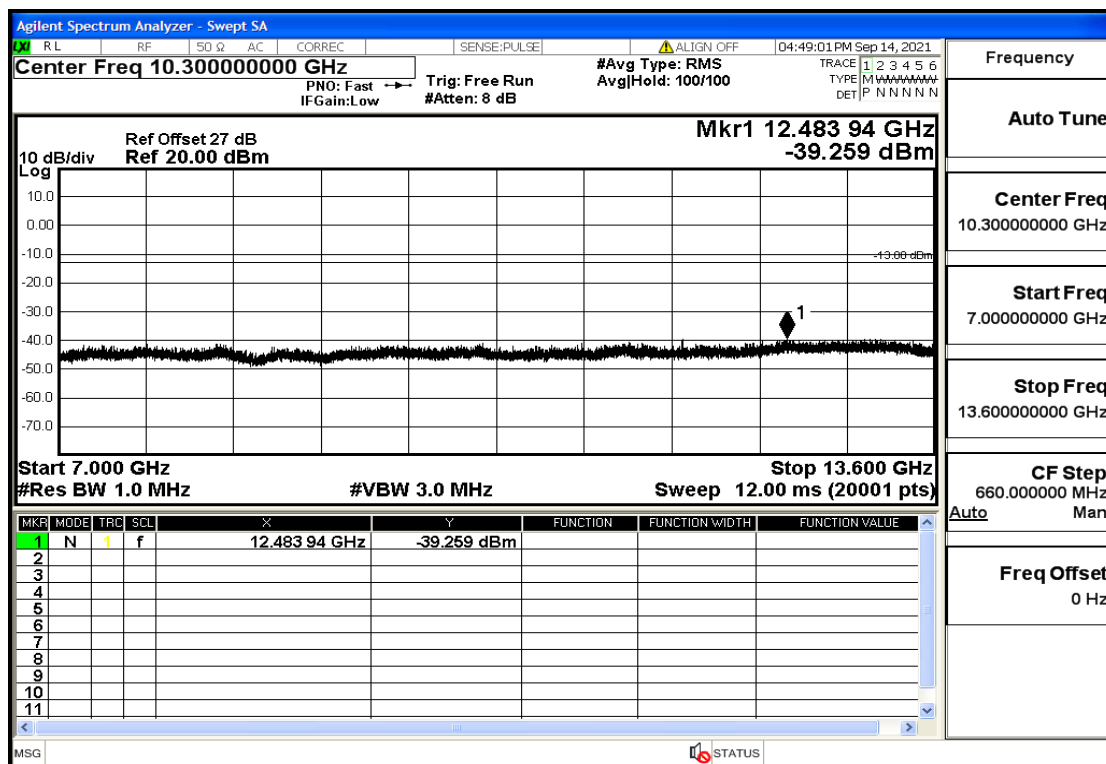
OB2-1.4-1909.3-QPSK-1#LOW@30mHz-1GHz@Pass



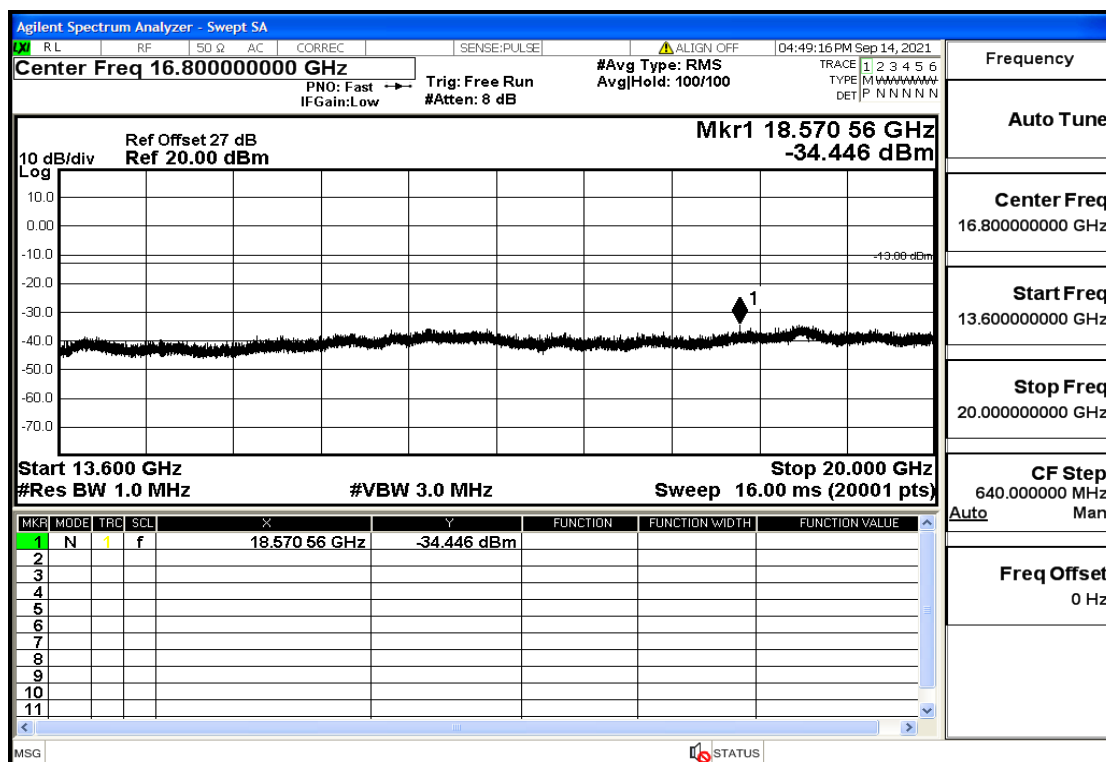
OB2-1.4-1909.3-QPSK-1#LOW@1GHz-7GHz@Pass



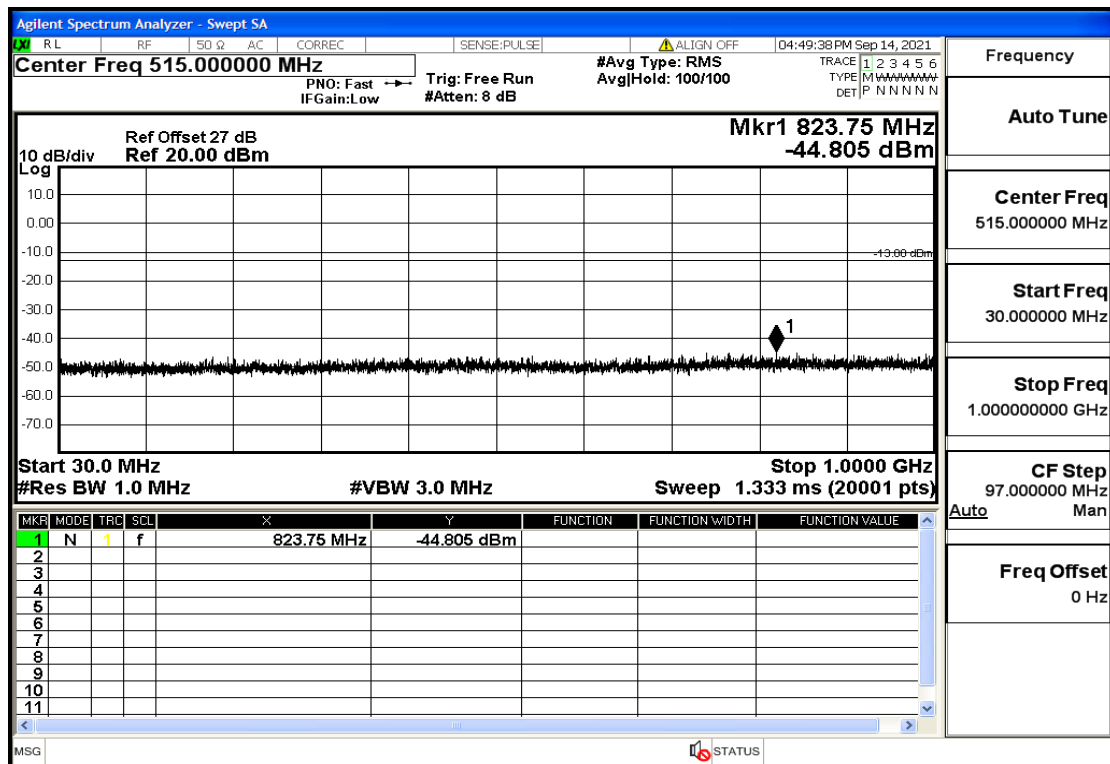
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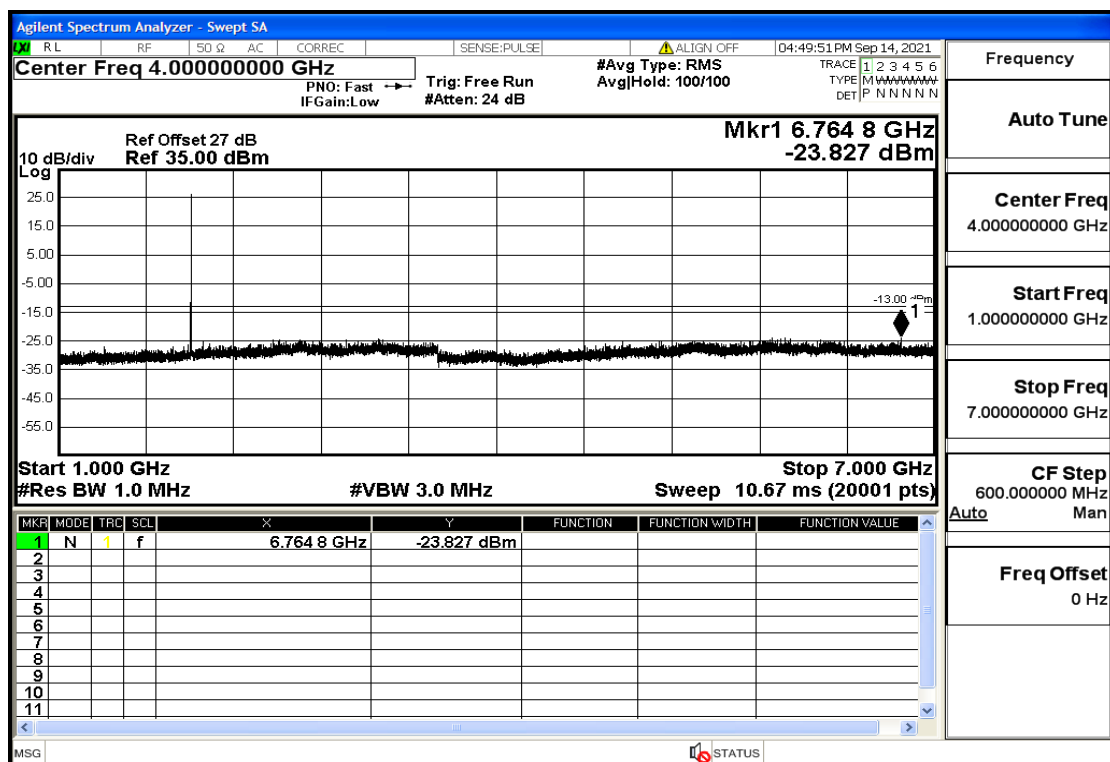
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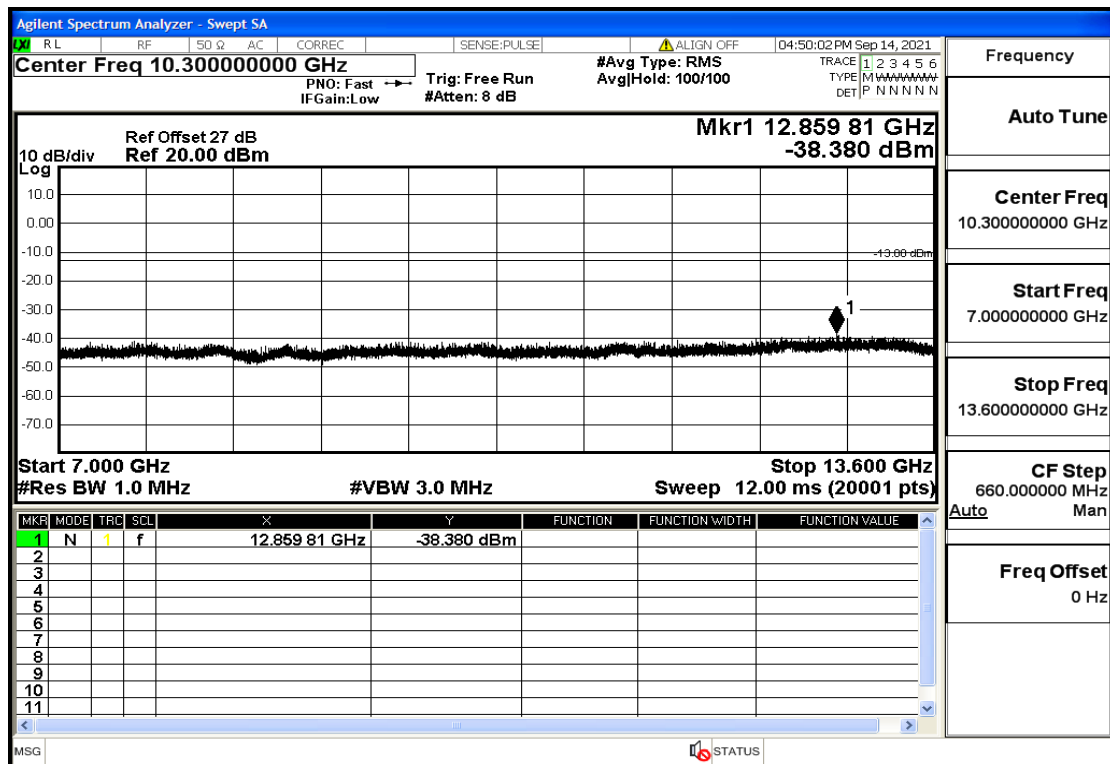
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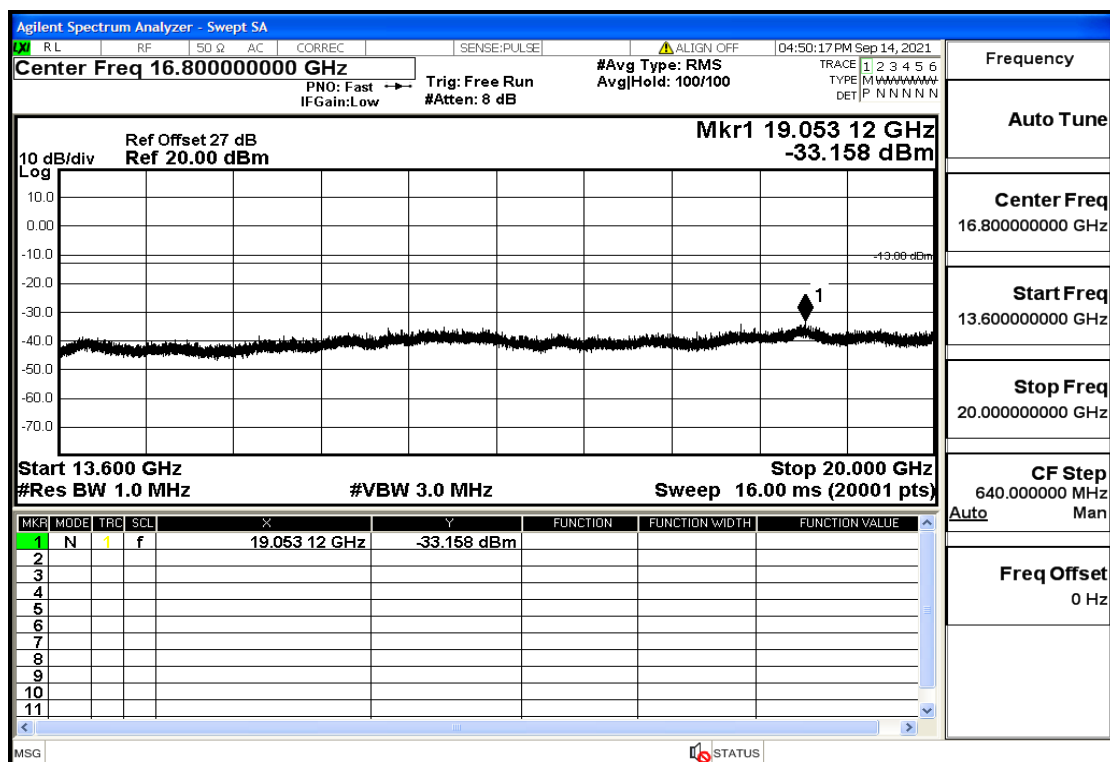
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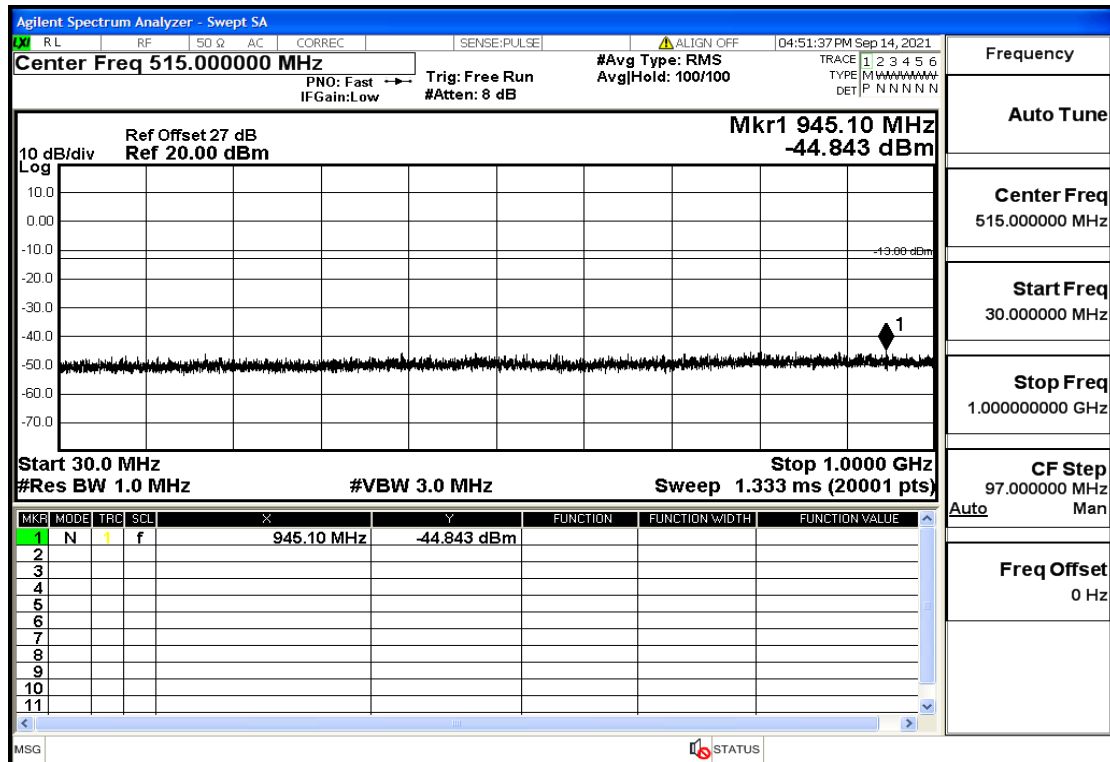
OB2-1.4-1909.3-QPSK-1#HIGH@7GHz-13.6GHz@Pass



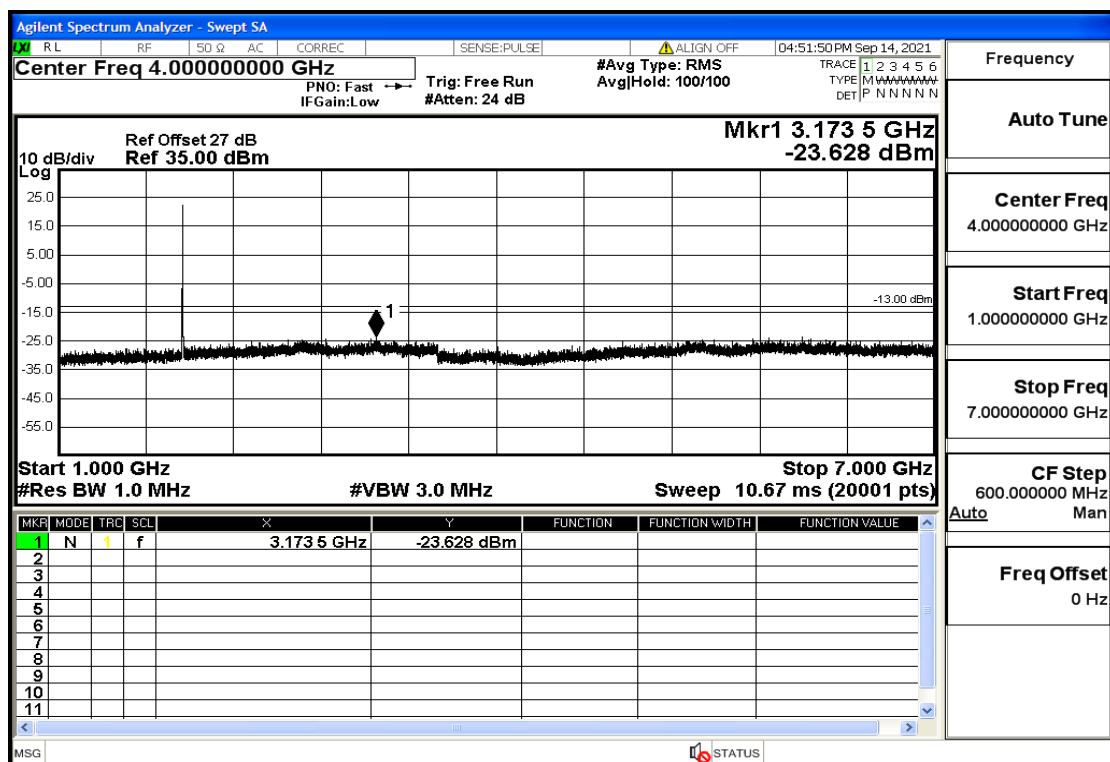
OB2-1.4-1909.3-QPSK-1#HIGH@13.6GHz-20GHz@Pass



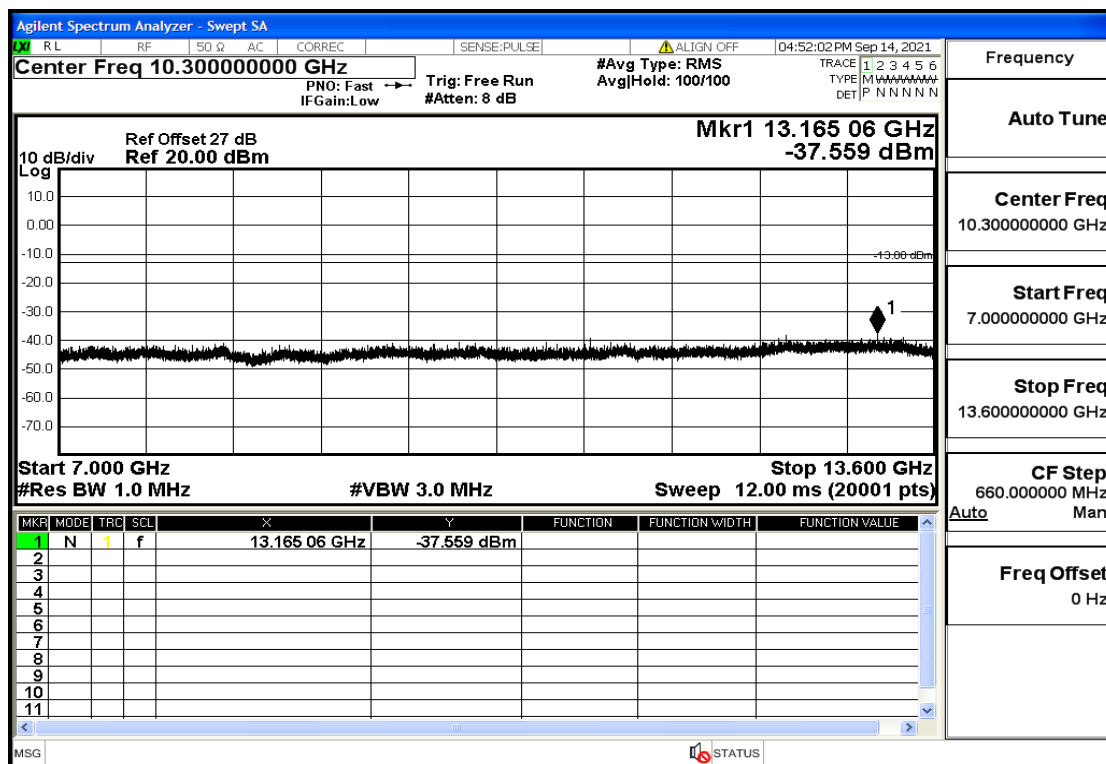
OB2-3-1851.5-QPSK-15#LOW@30MHz-1GHz@Pass



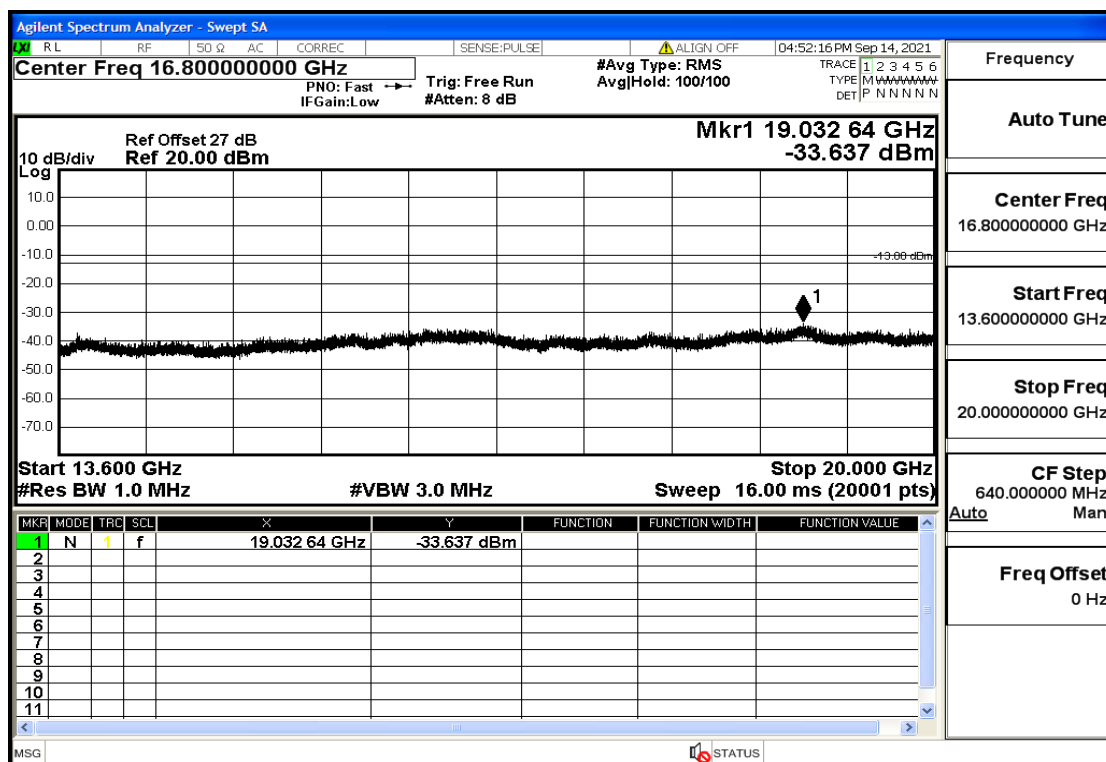
OB2-3-1851.5-QPSK-15#LOW@1GHz-7GHz@Pass



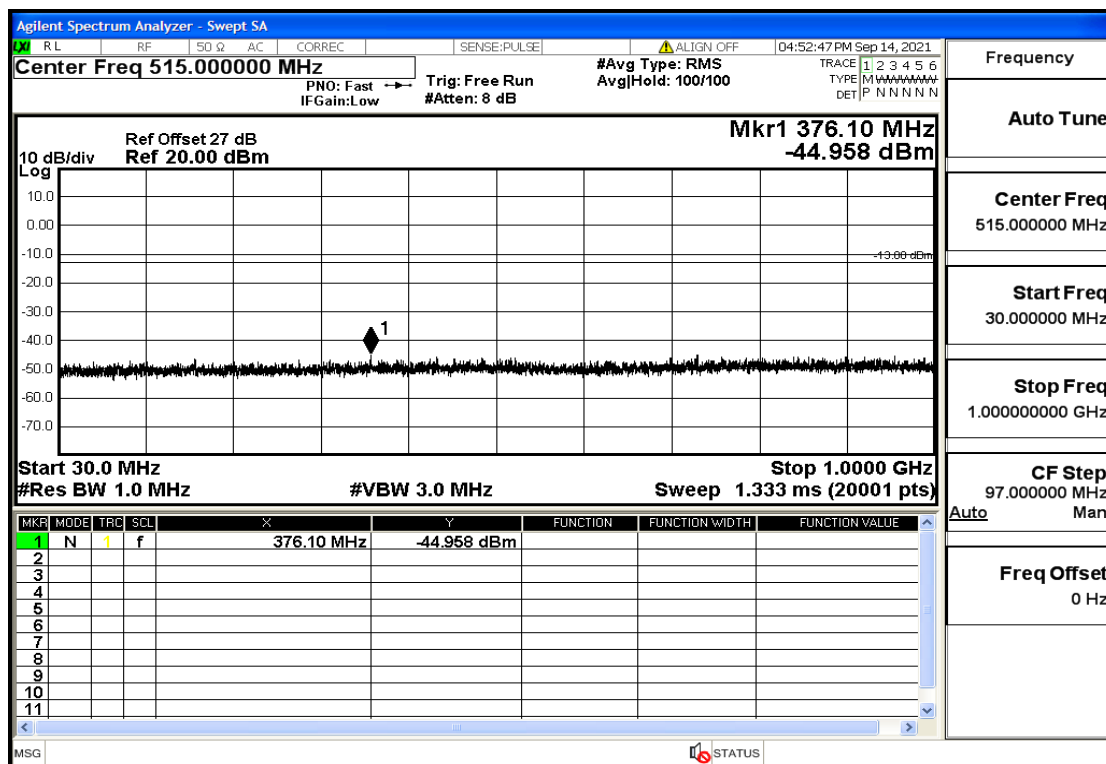
OB2-3-1851.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



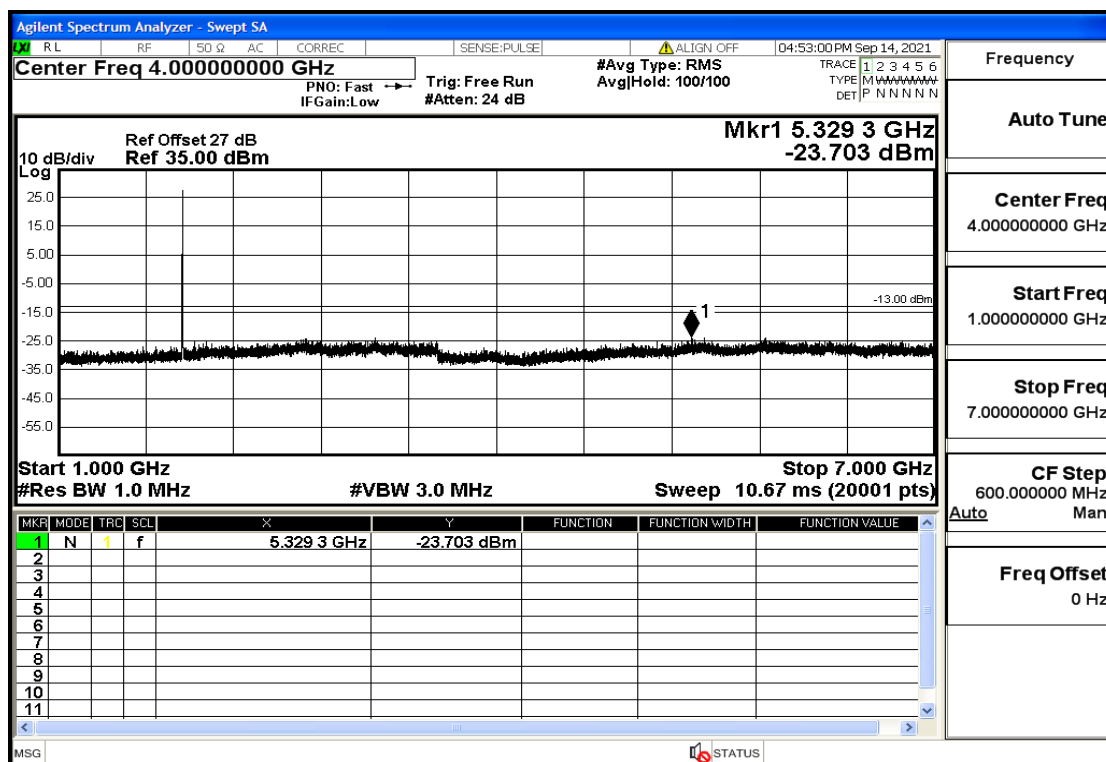
OB2-3-1851.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



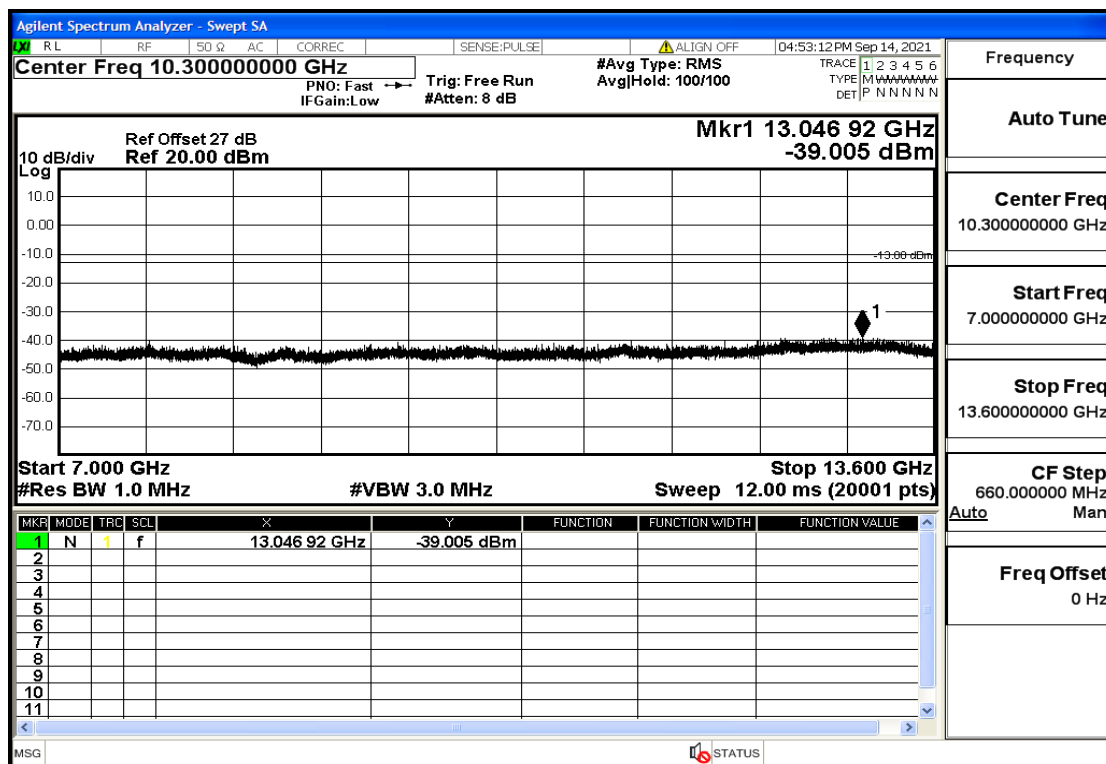
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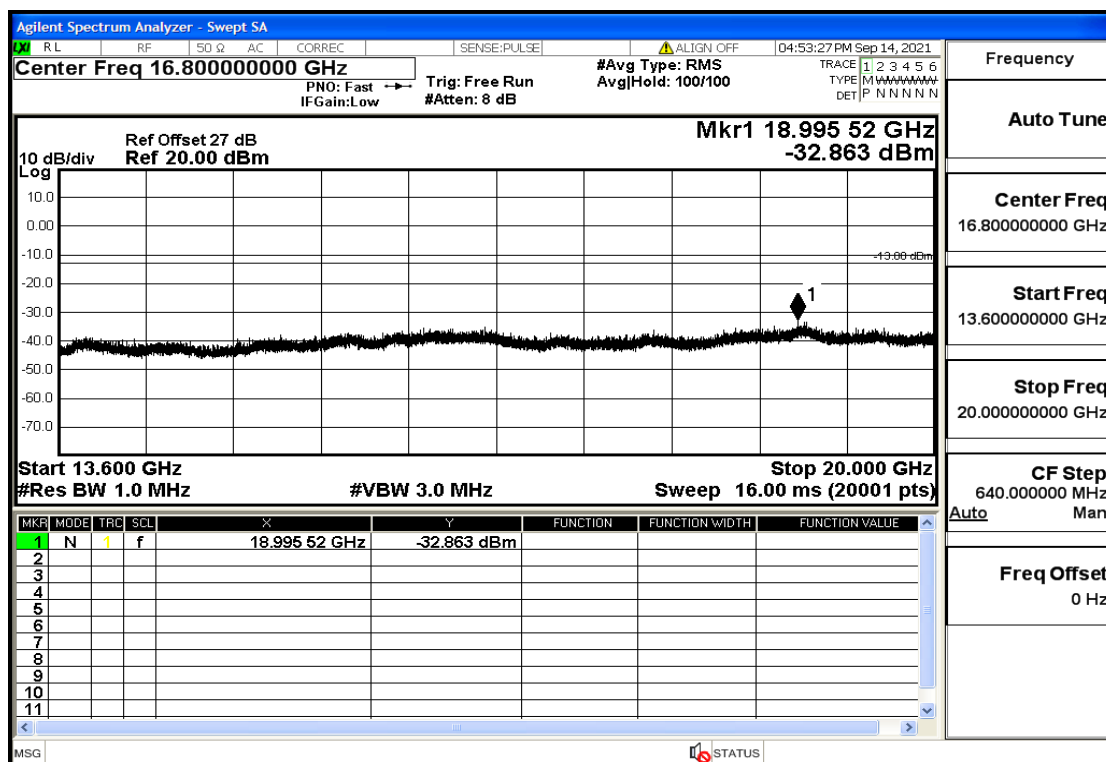
OB2-3-1851.5-QPSK-1#LOW@1GHz-7GHz@Pass



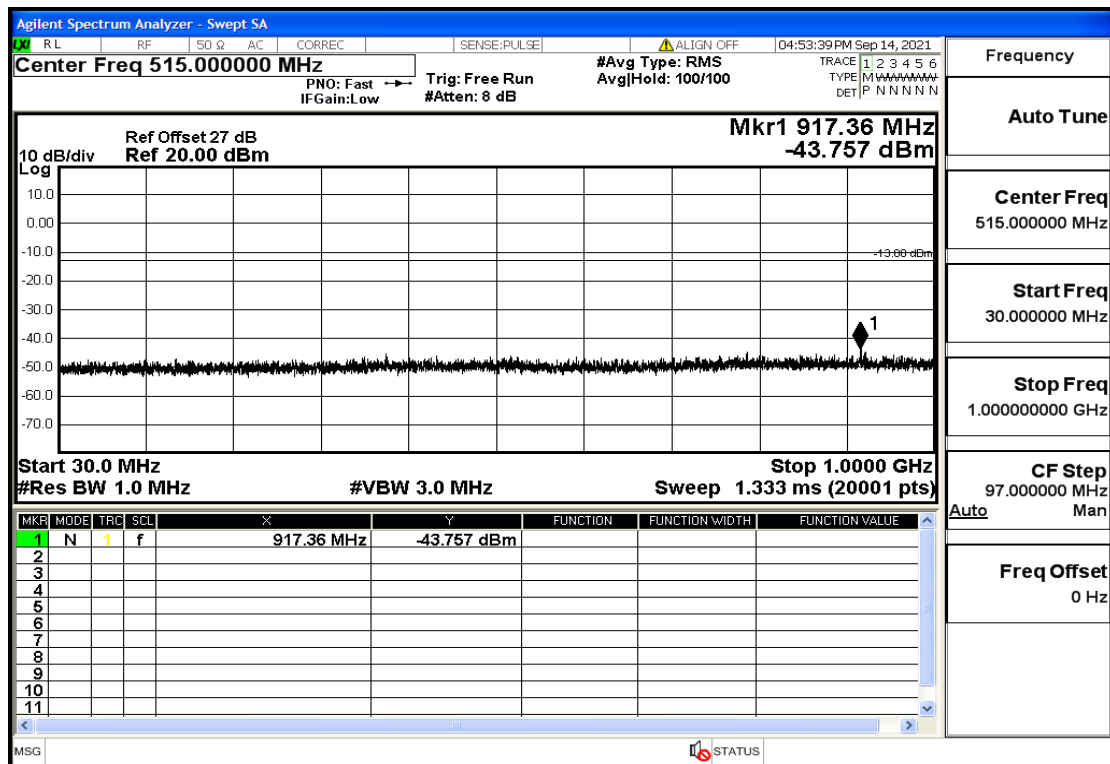
OB2-3-1851.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



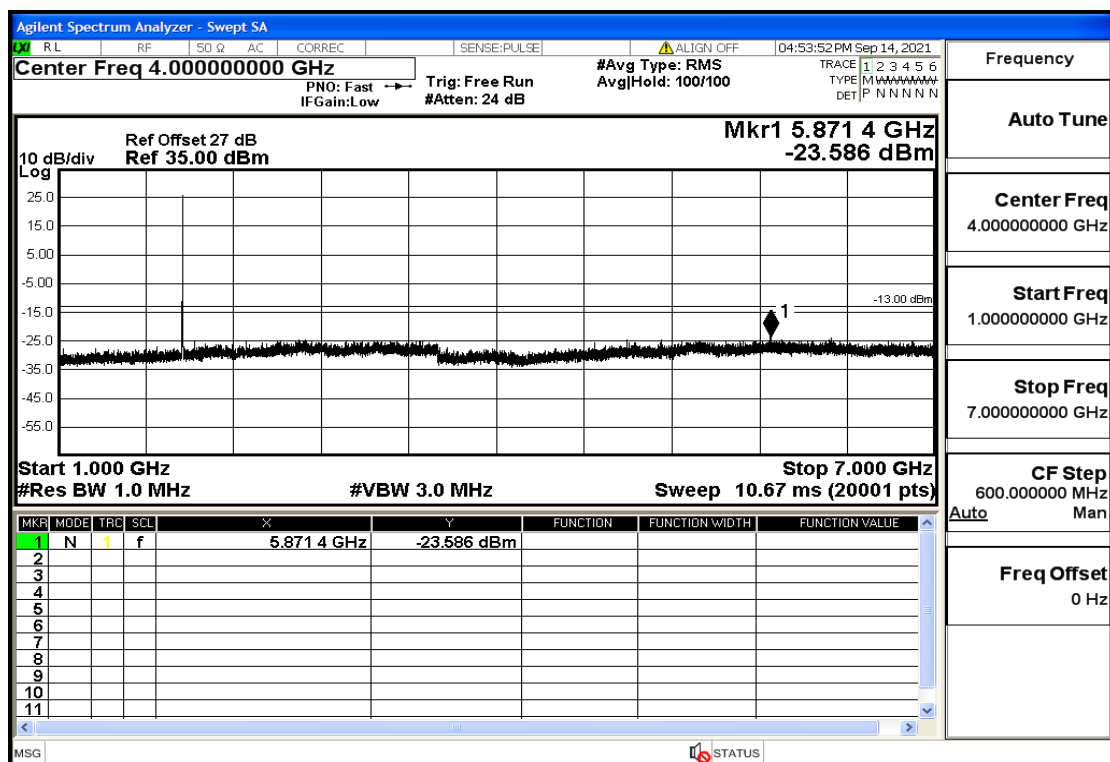
OB2-3-1851.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



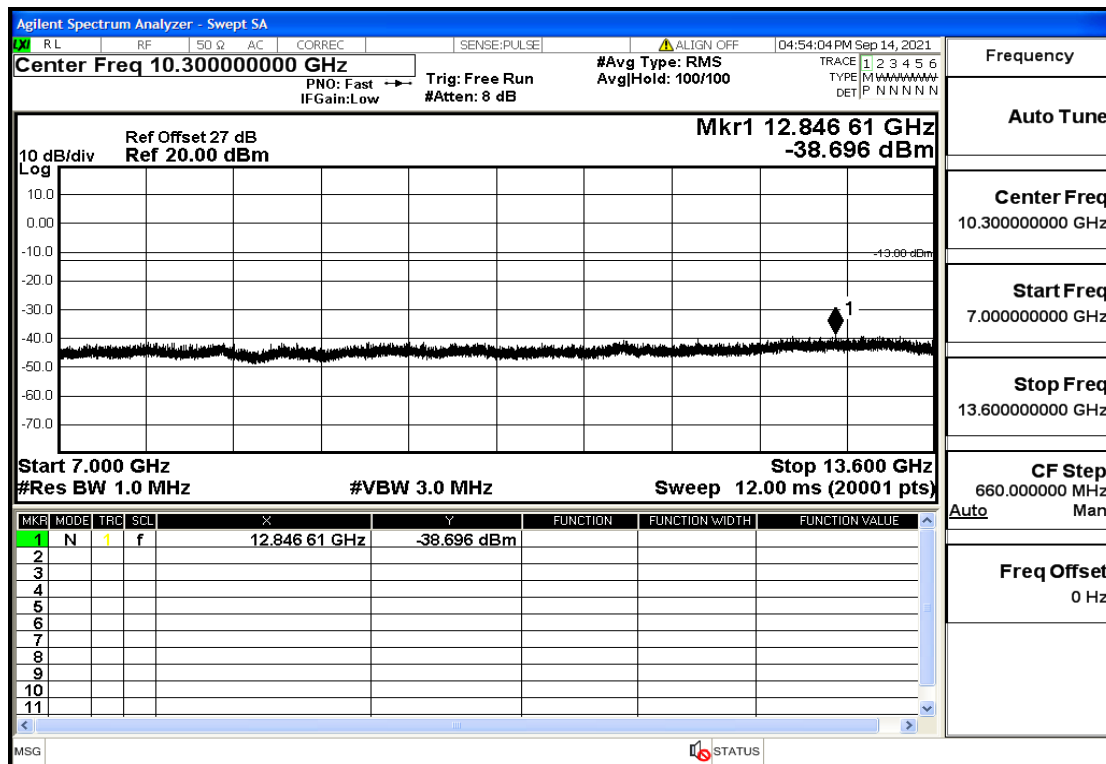
OB2-3-1851.5-QPSK-1#HIGH@30mHz-1GHz@Pass



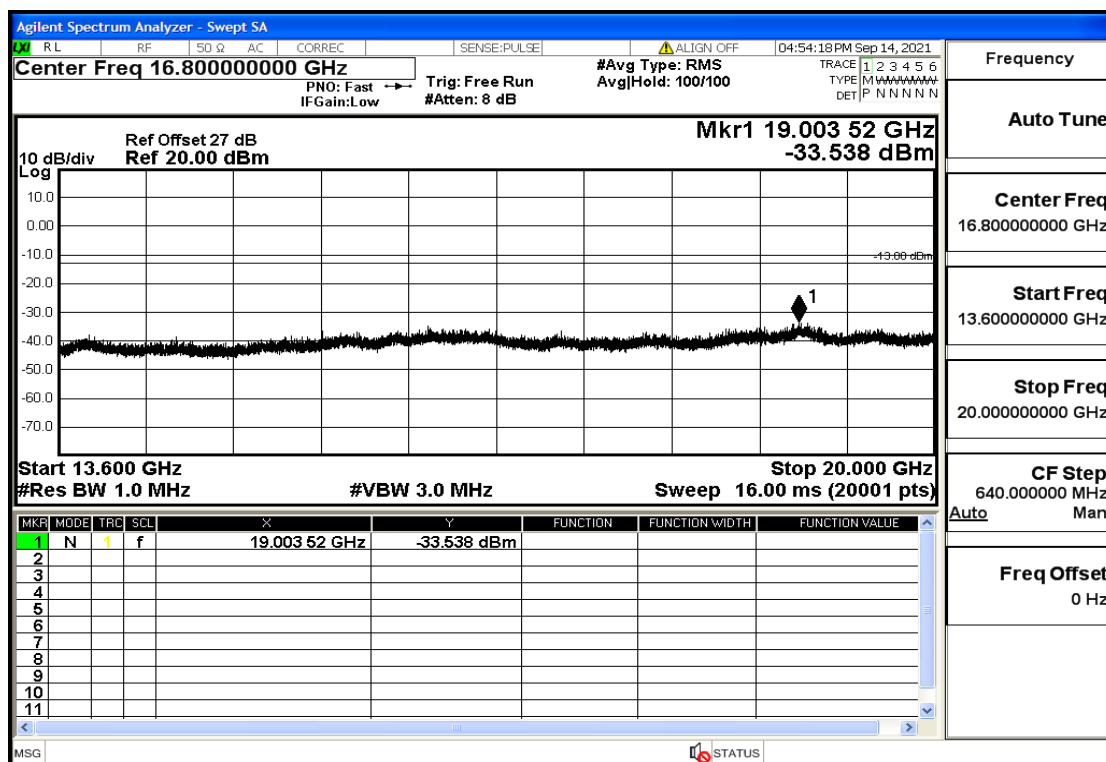
OB2-3-1851.5-QPSK-1#HIGH@1GHz-7GHz@Pass



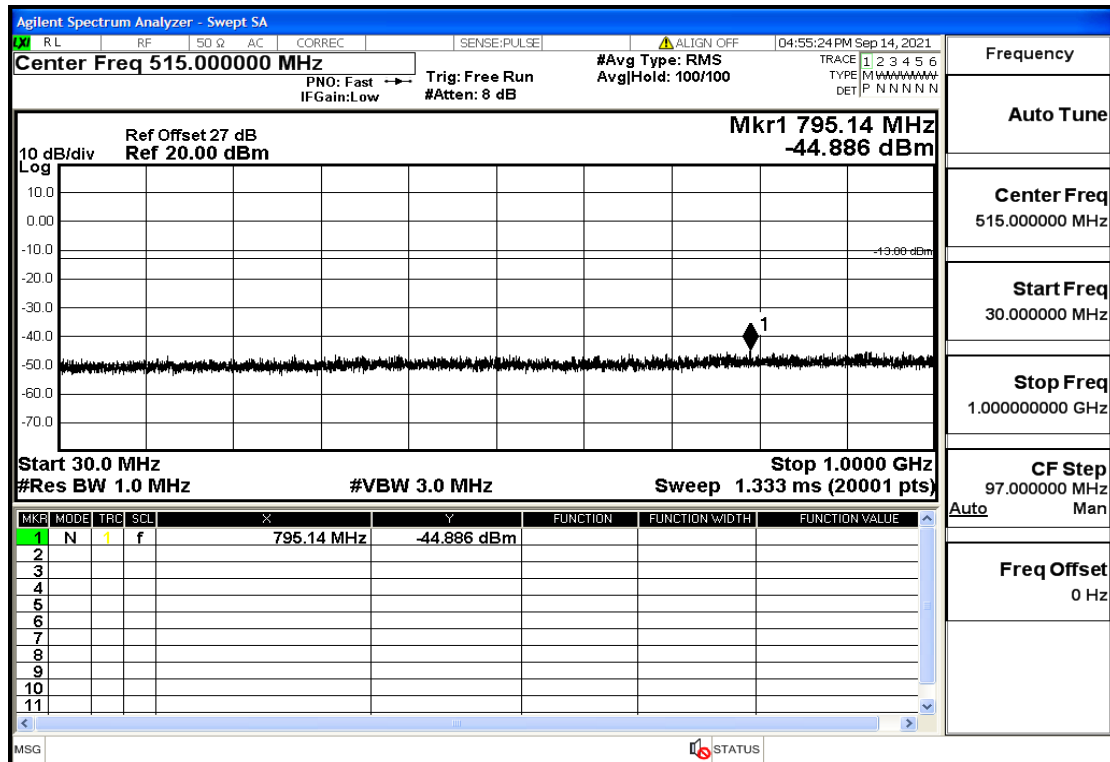
OB2-3-1851.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



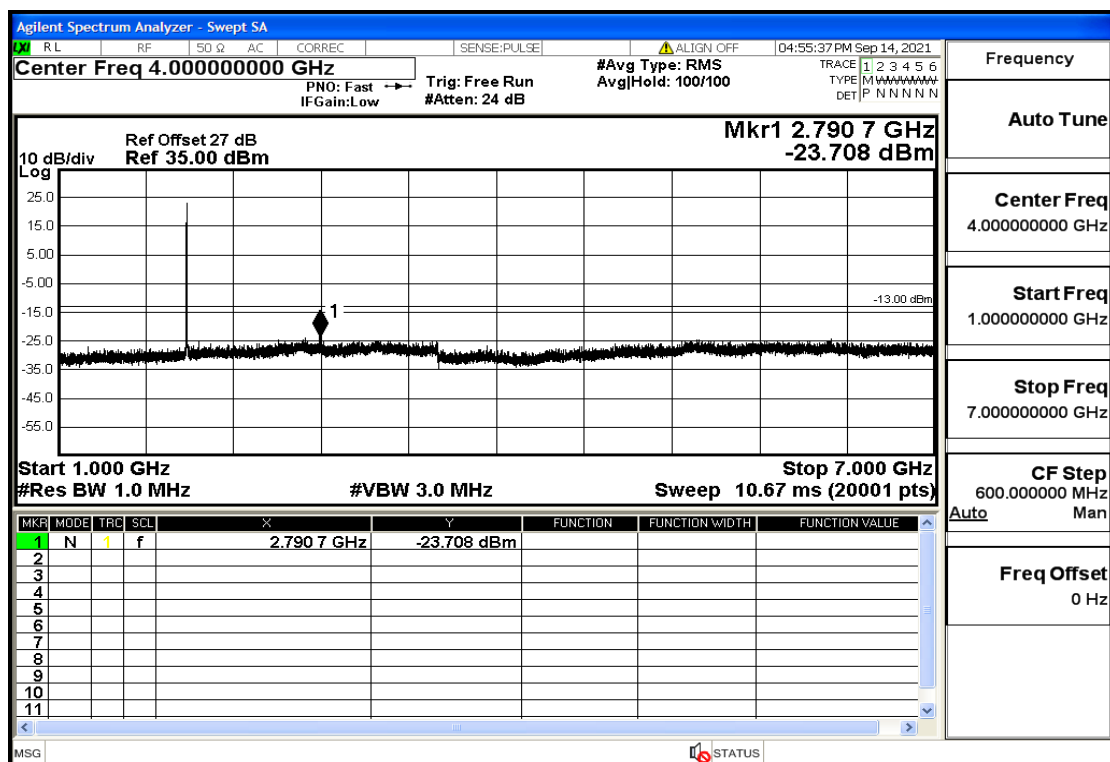
OB2-3-1851.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



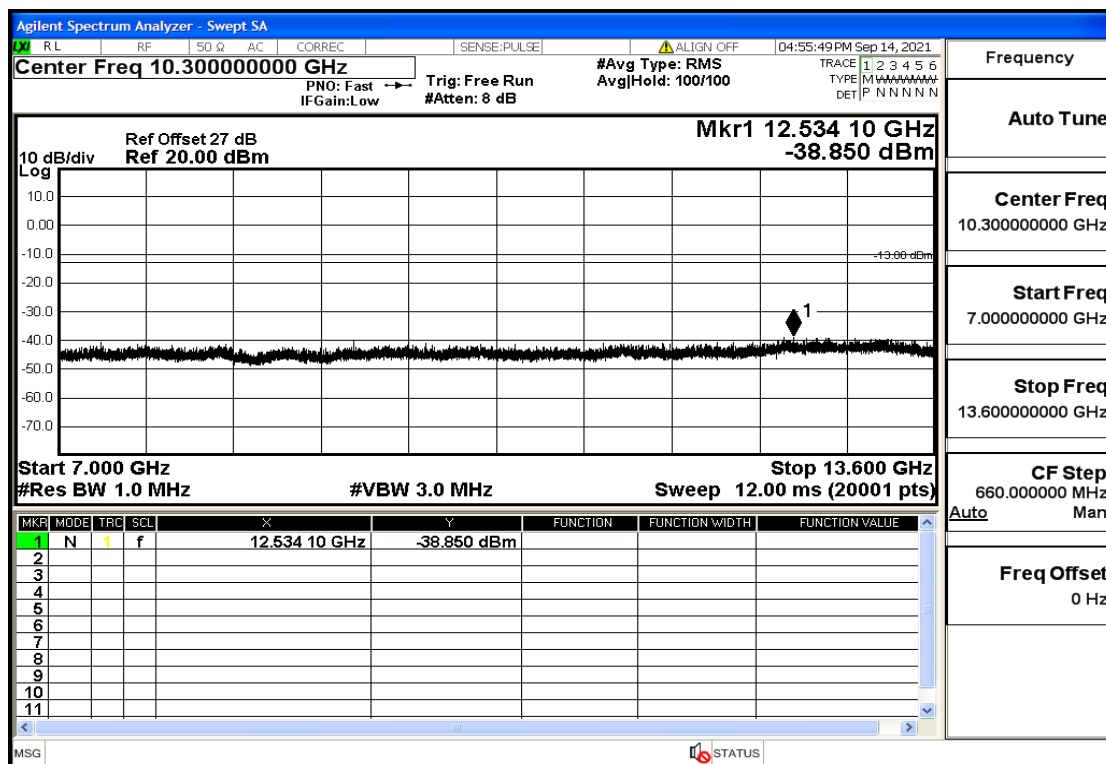
OB2-3-1880-QPSK-15#LOW@30mHz-1GHz@Pass



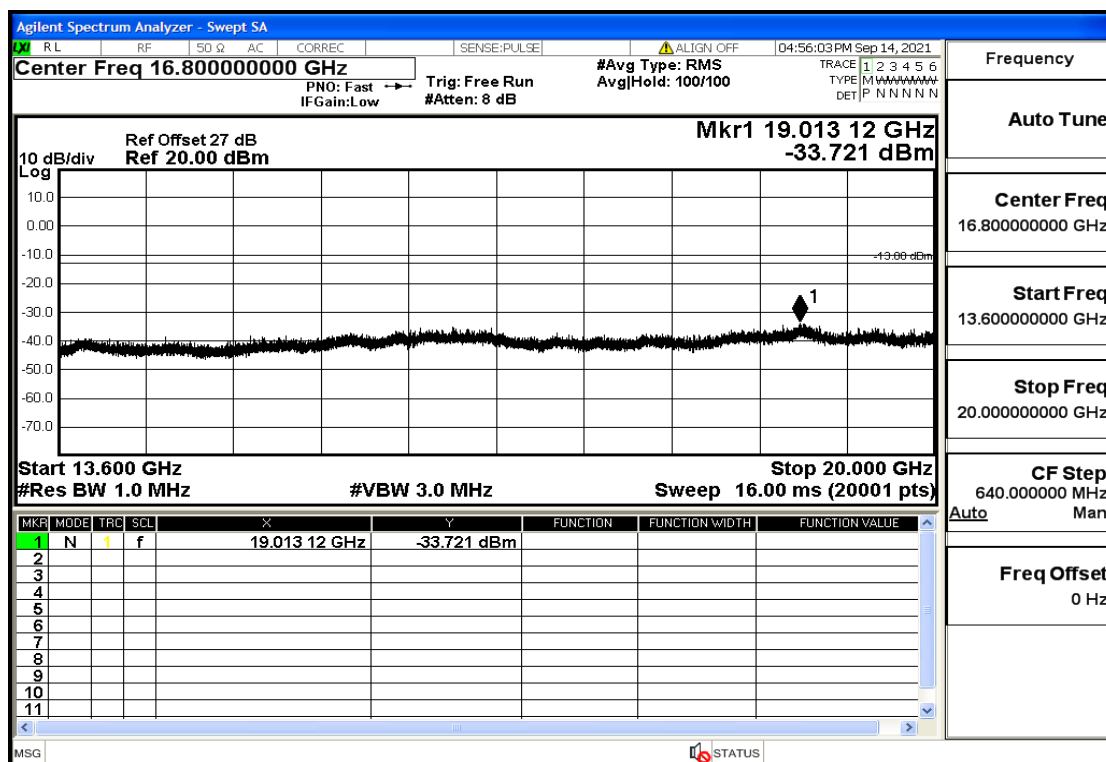
OB2-3-1880-QPSK-15#LOW@1GHz-7GHz@Pass



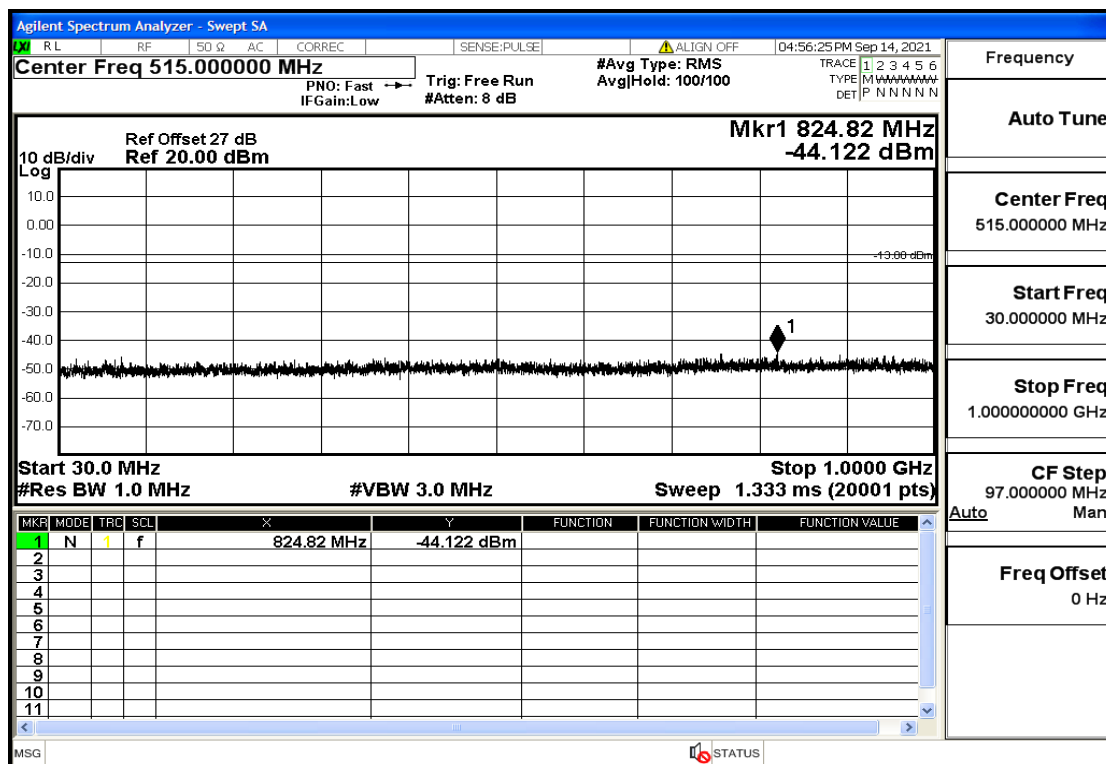
OB2-3-1880-QPSK-15#LOW@7GHz-13.6GHz@Pass



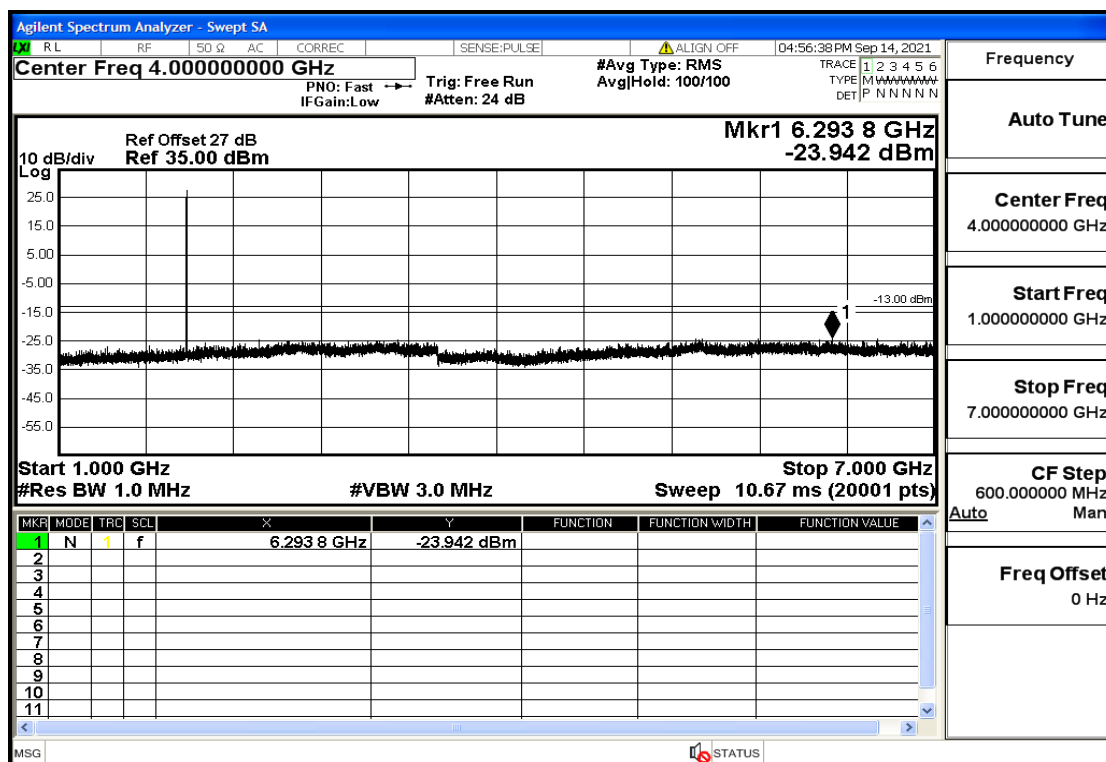
OB2-3-1880-QPSK-15#LOW@13.6GHz-20GHz@Pass



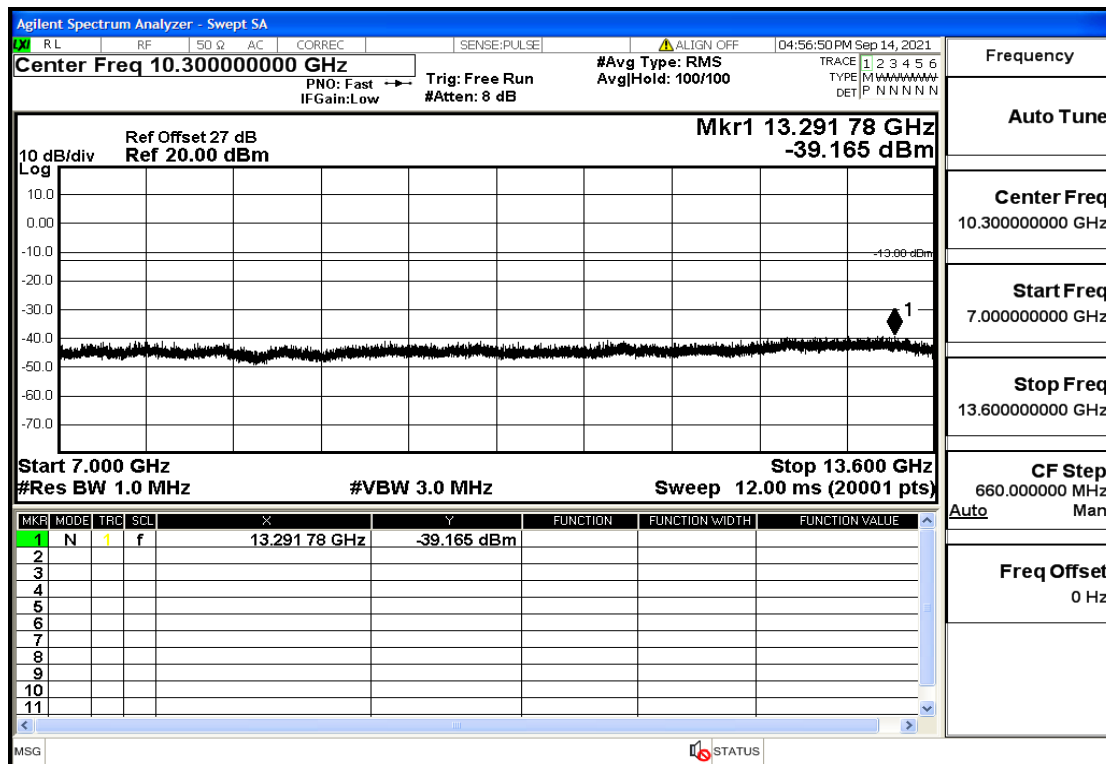
OB2-3-1880-QPSK-1#LOW@30mHz-1GHz@Pass



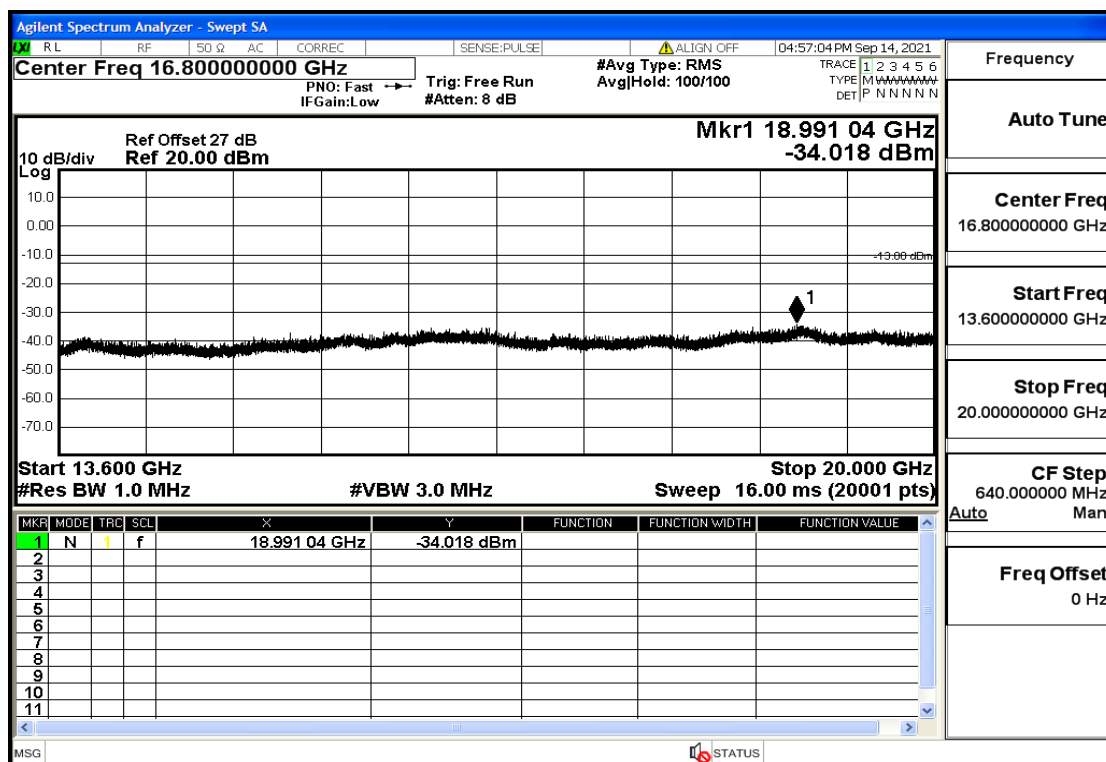
OB2-3-1880-QPSK-1#LOW@1GHz-7GHz@Pass



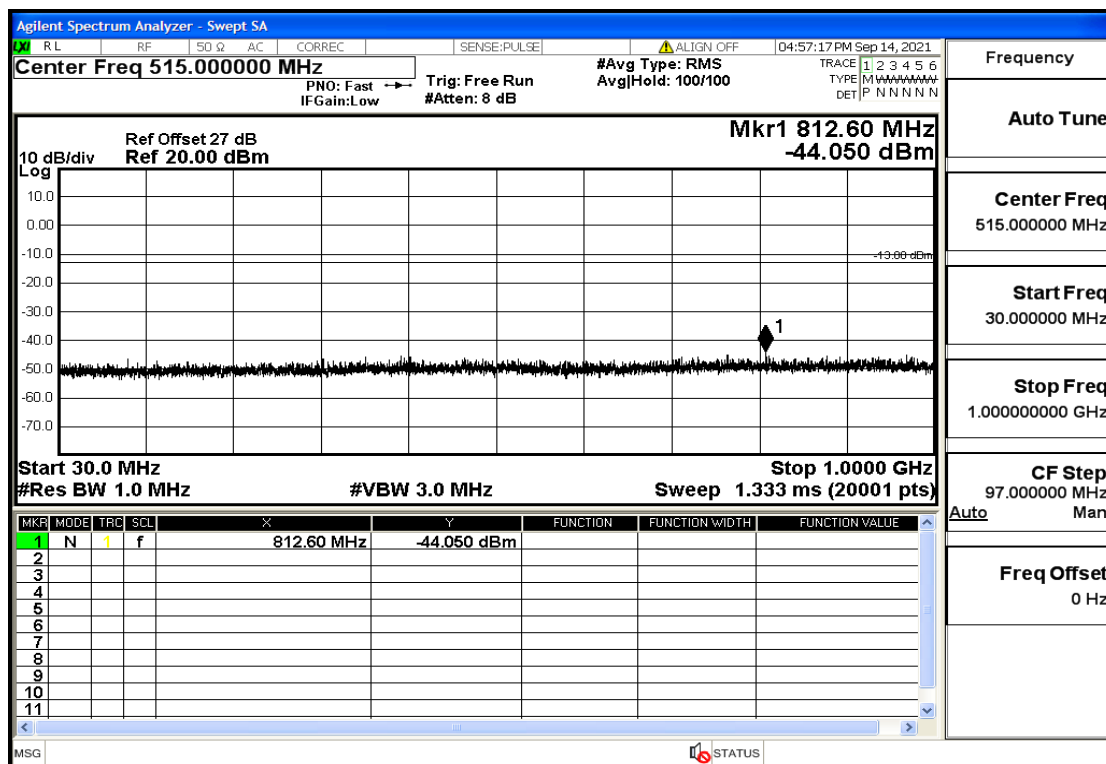
OB2-3-1880-QPSK-1#LOW@7GHz-13.6GHz@Pass



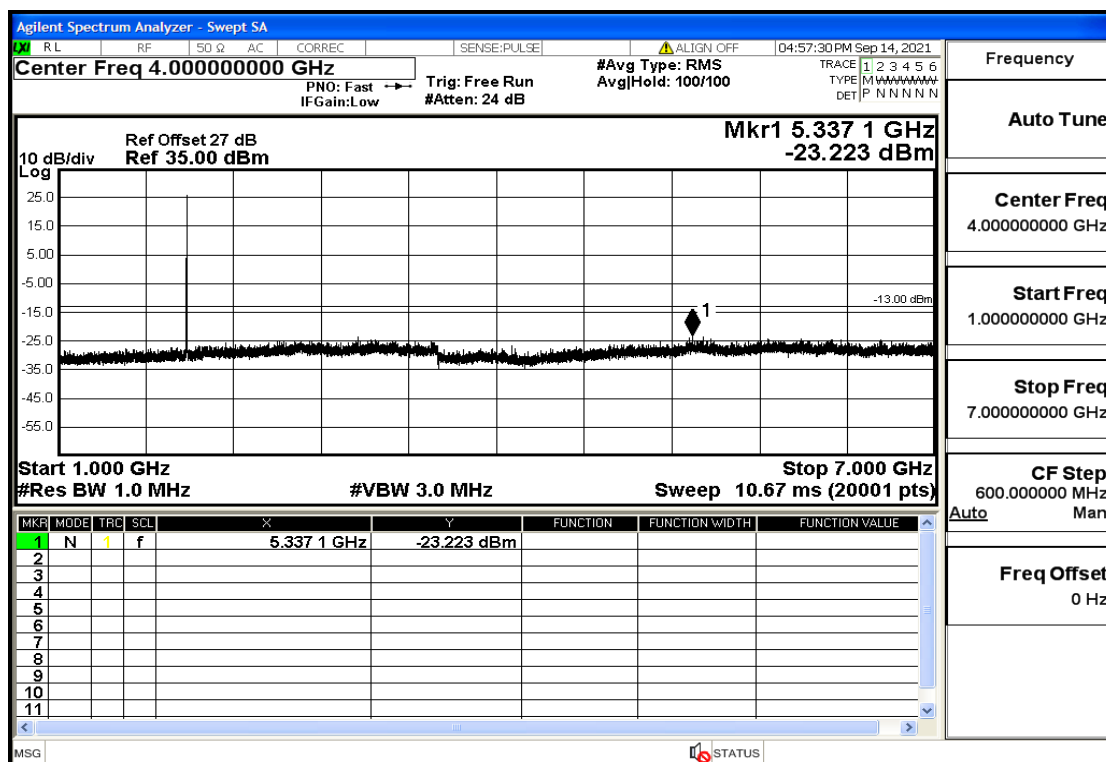
OB2-3-1880-QPSK-1#LOW@13.6GHz-20GHz@Pass



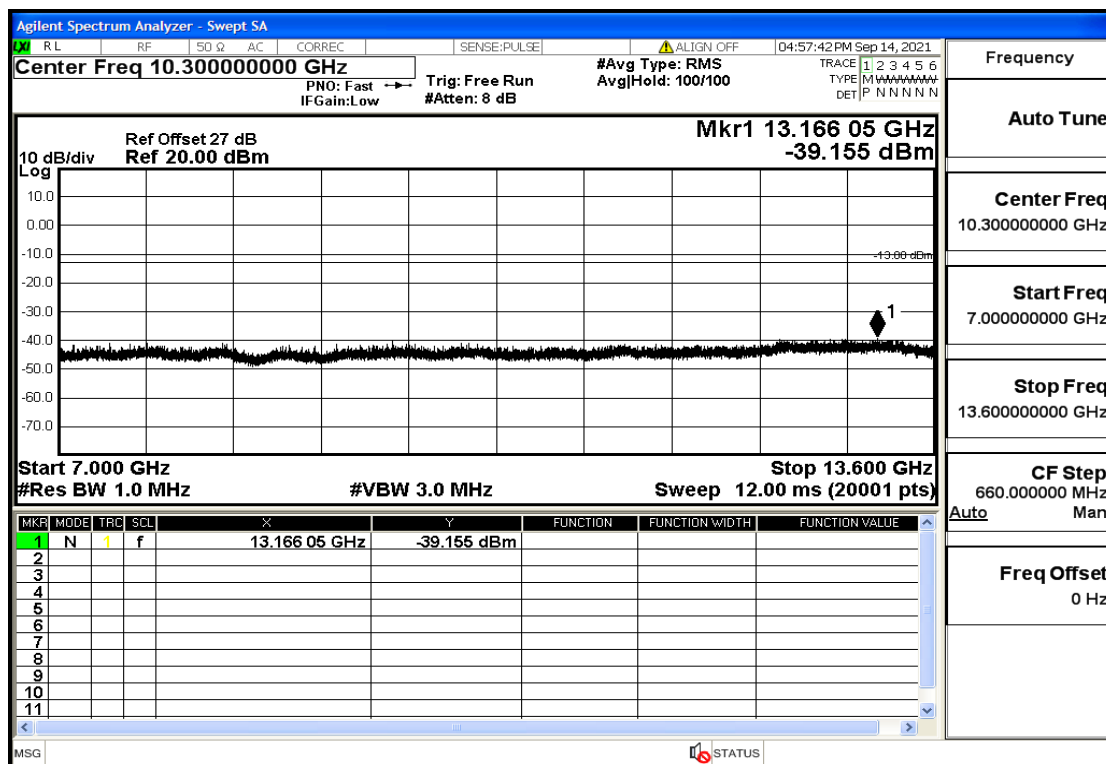
OB2-3-1880-QPSK-1#HIGH@30mHz-1GHz@Pass



OB2-3-1880-QPSK-1#HIGH@1GHz-7GHz@Pass



OB2-3-1880-QPSK-1#HIGH@7GHz-13.6GHz@Pass



OB2-3-1880-QPSK-1#HIGH@13.6GHz-20GHz@Pass

