

RF Test Data for LTE (Conducted Measurement)

Product Name: Smart phone

Trade Mark:



Test Model: K50

FCC ID: 2APX7K50

Environmental Conditions

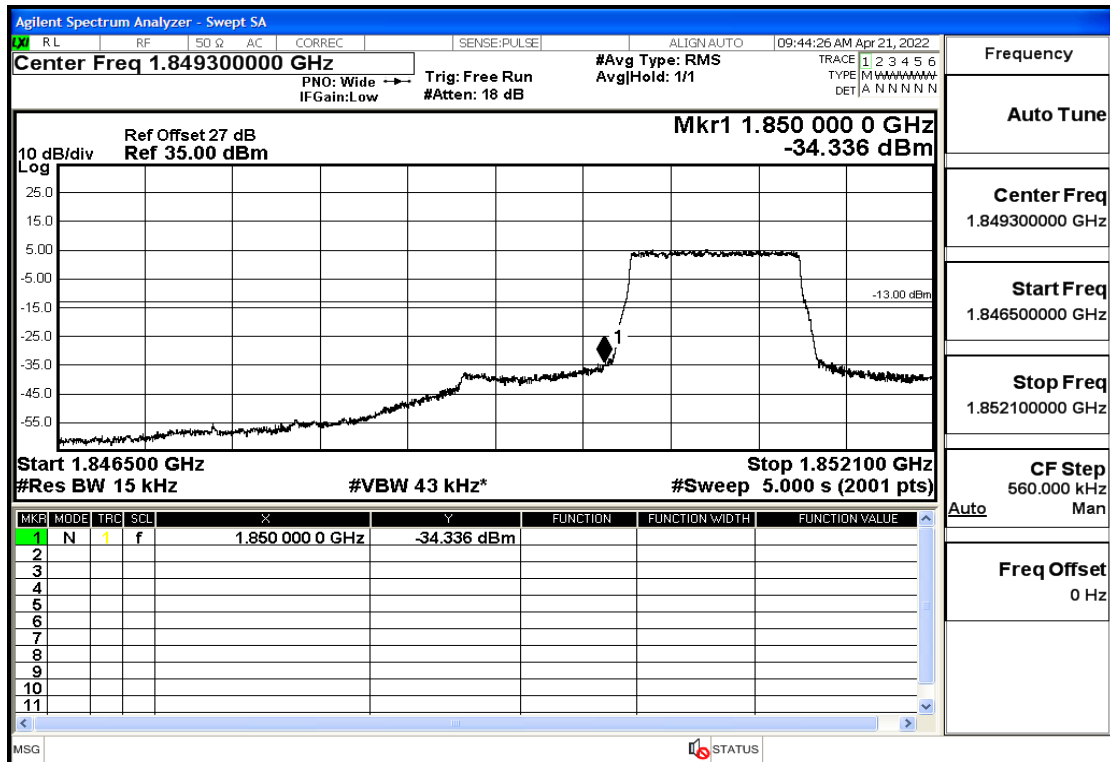
Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band2

Band Edge and Emission Mask

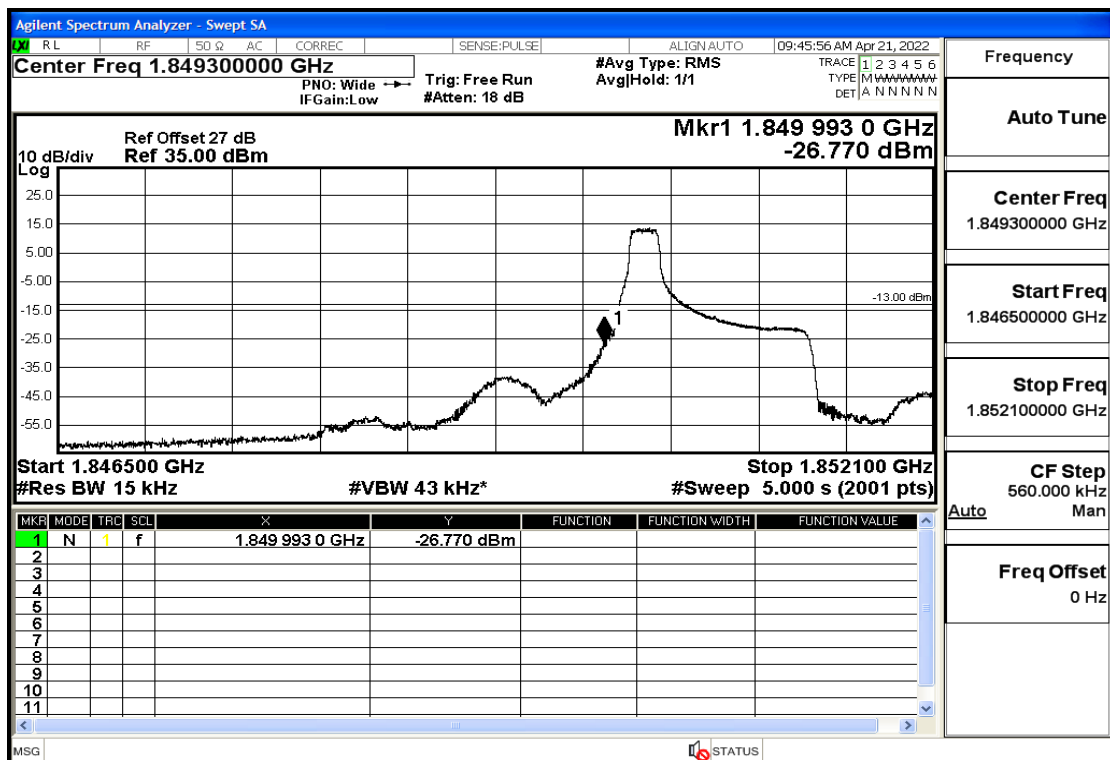
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band2	1.4	1850.7	QPSK	6	LOW	Pass
Band2	1.4	1850.7	QPSK	1	LOW	Pass
Band2	1.4	1850.7	16QAM	6	LOW	Pass
Band2	1.4	1850.7	16QAM	1	LOW	Pass
Band2	1.4	1909.3	QPSK	6	LOW	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	Pass
Band2	1.4	1909.3	16QAM	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	50	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	50	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	75	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	75	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	100	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	100	LOW	Pass
Band2	20	1900	16QAM	1	HIGH	Pass

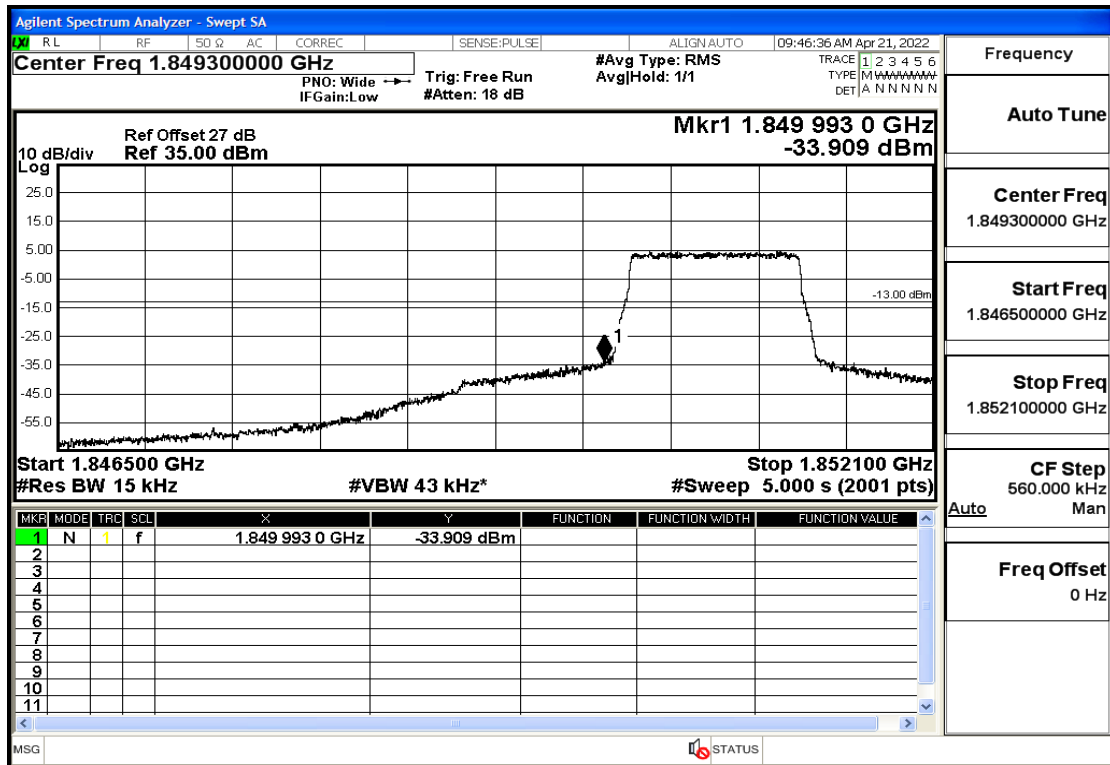
Band2-1.4-1850.7-QPSK-6#LOW@Pass



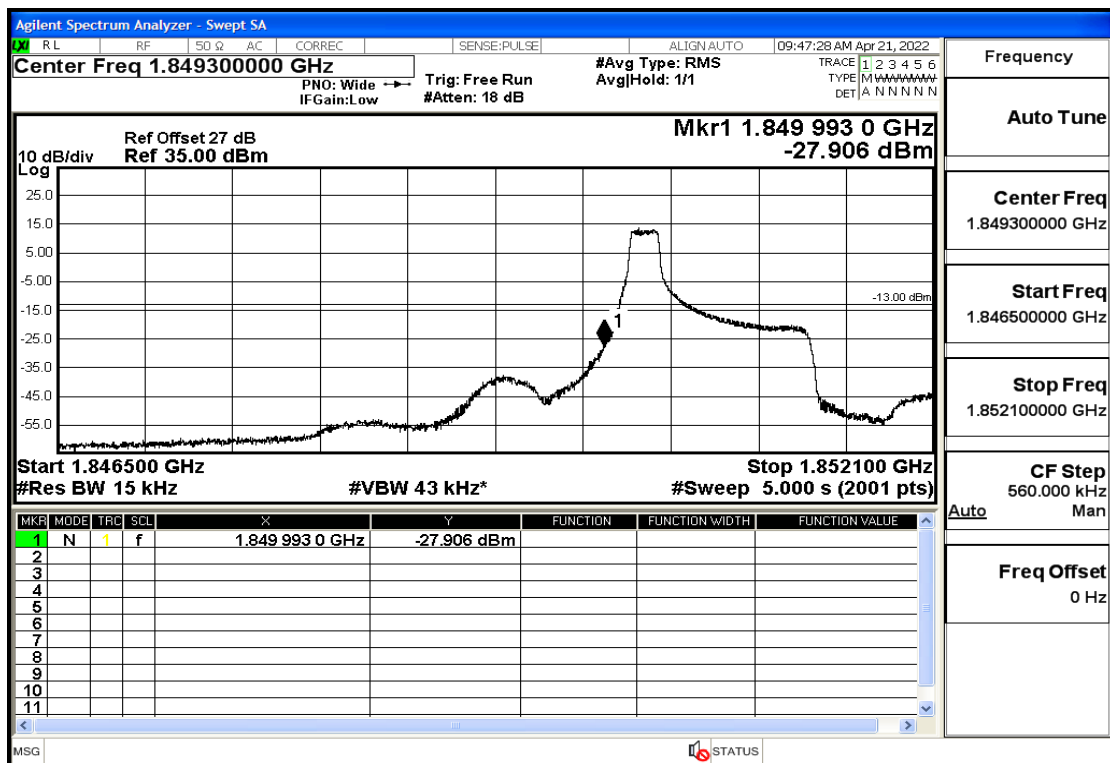
Band2-1.4-1850.7-QPSK-1#LOW@Pass



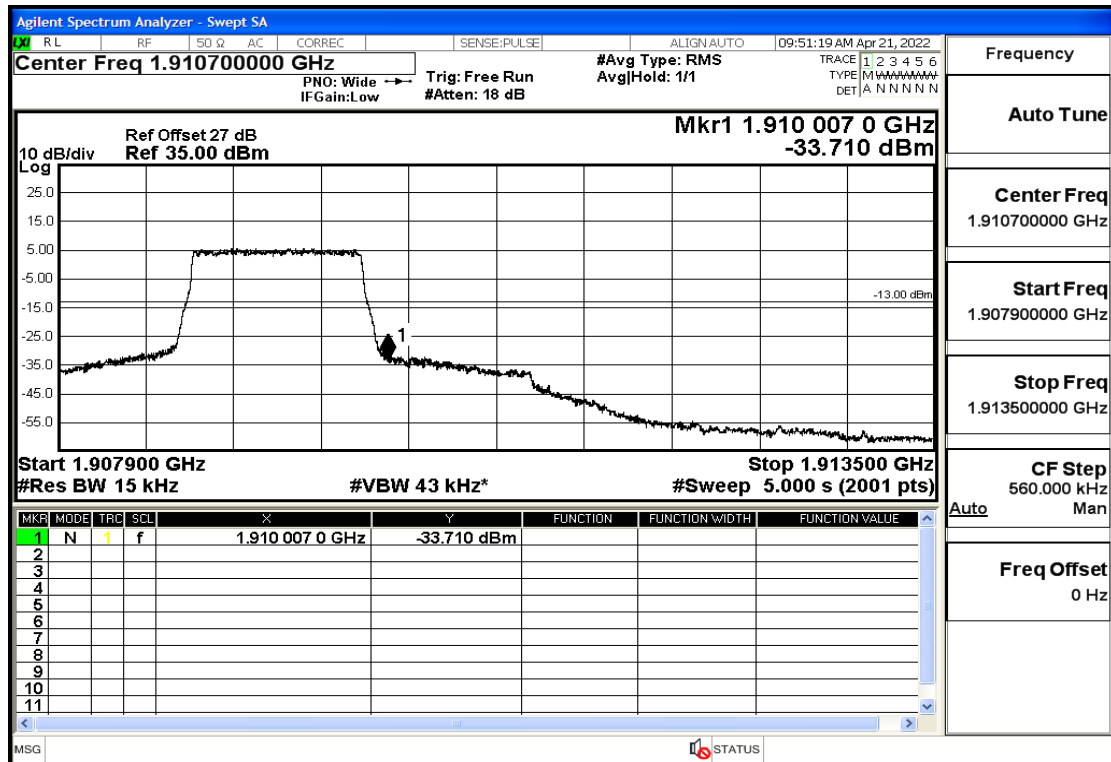
Band2-1.4-1850.7-16QAM-6#LOW@Pass



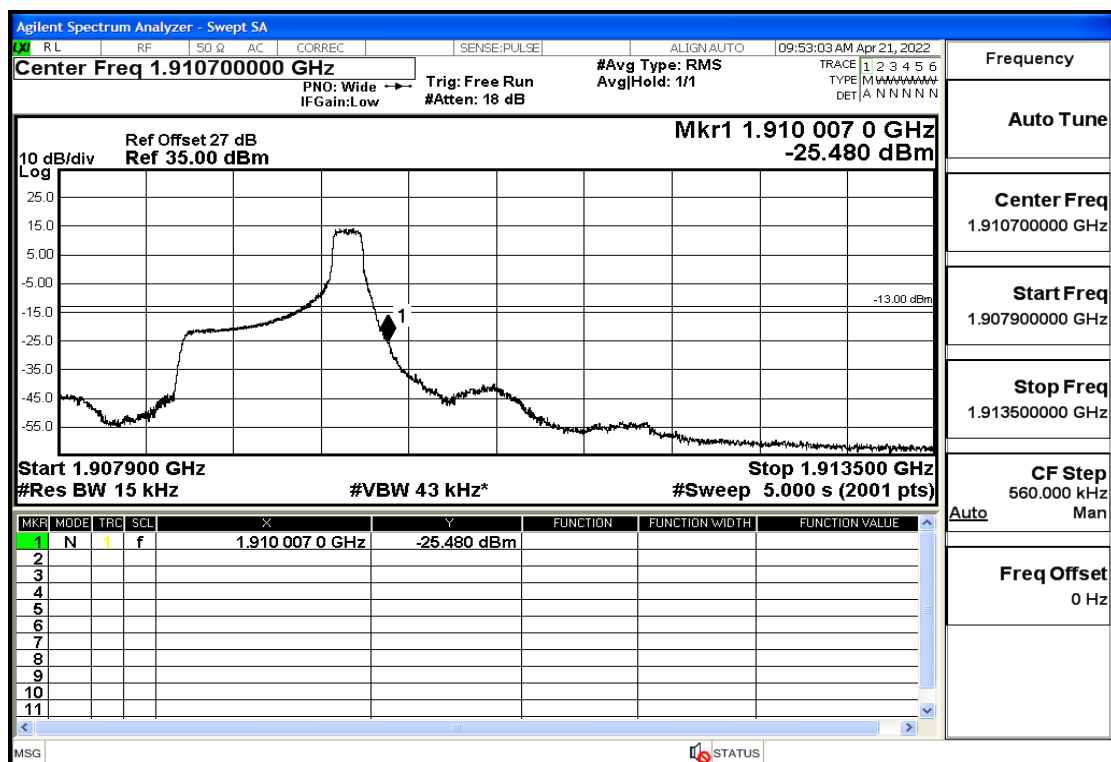
Band2-1.4-1850.7-16QAM-1#LOW@Pass



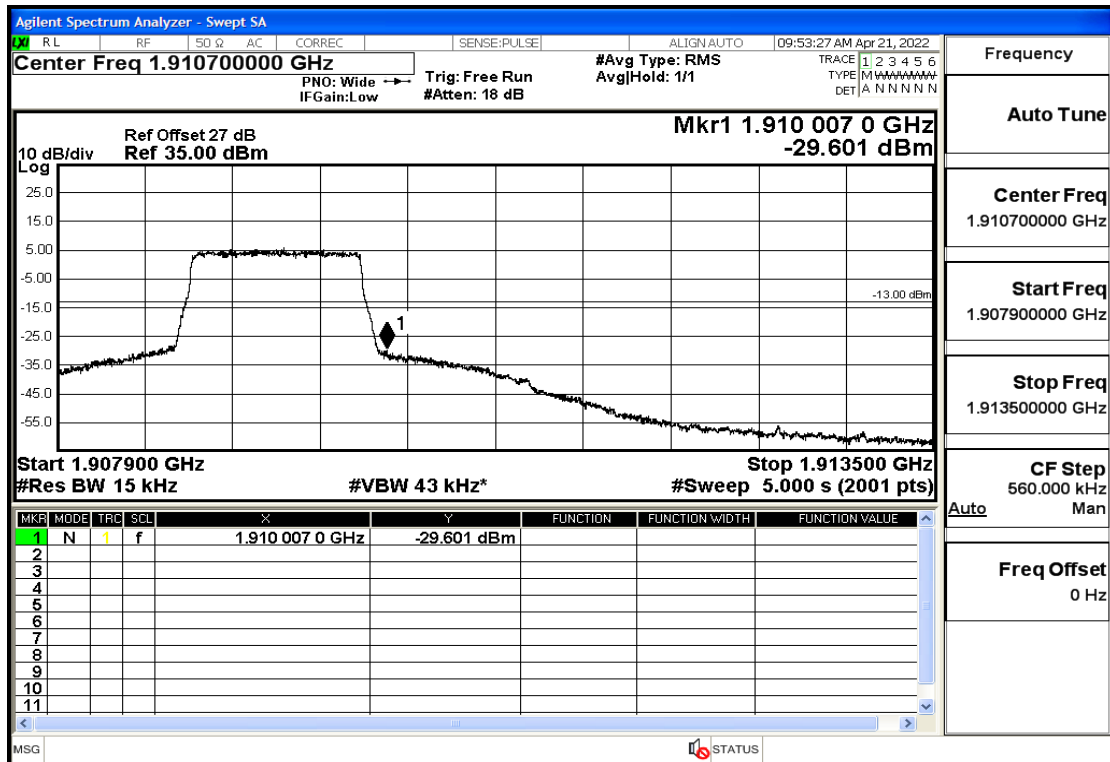
Band2-1.4-1909.3-QPSK-6#LOW@Pass



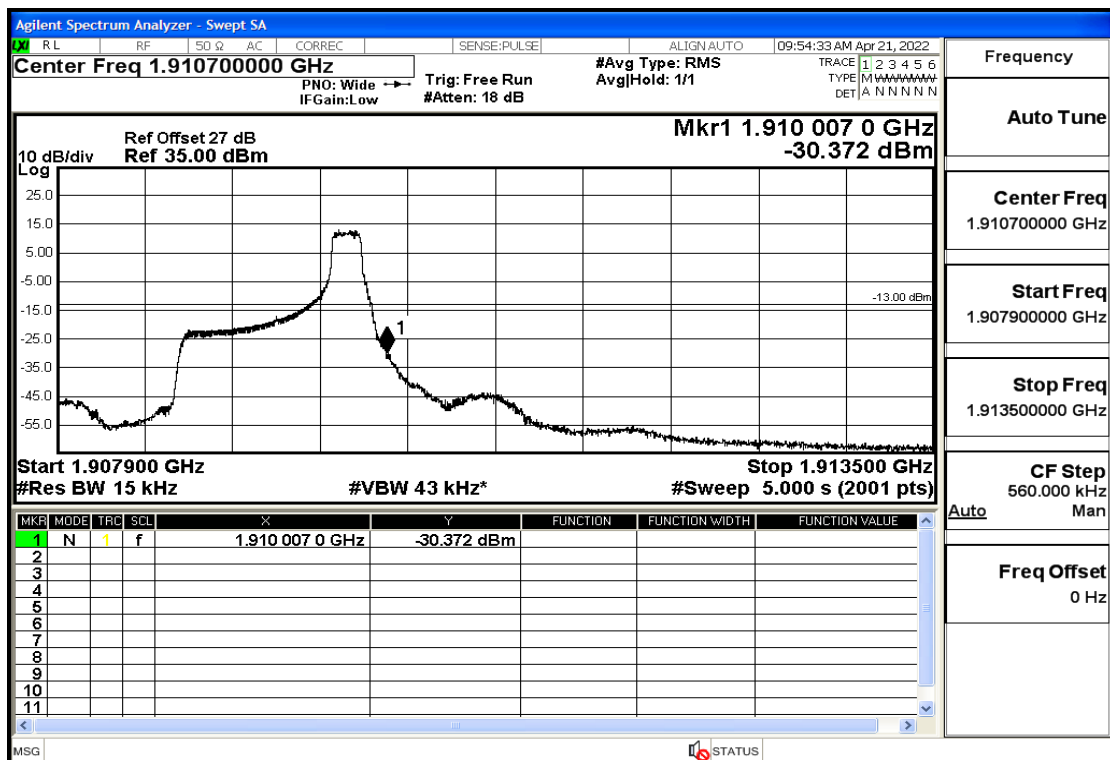
Band2-1.4-1909.3-QPSK-1#HIGH@Pass



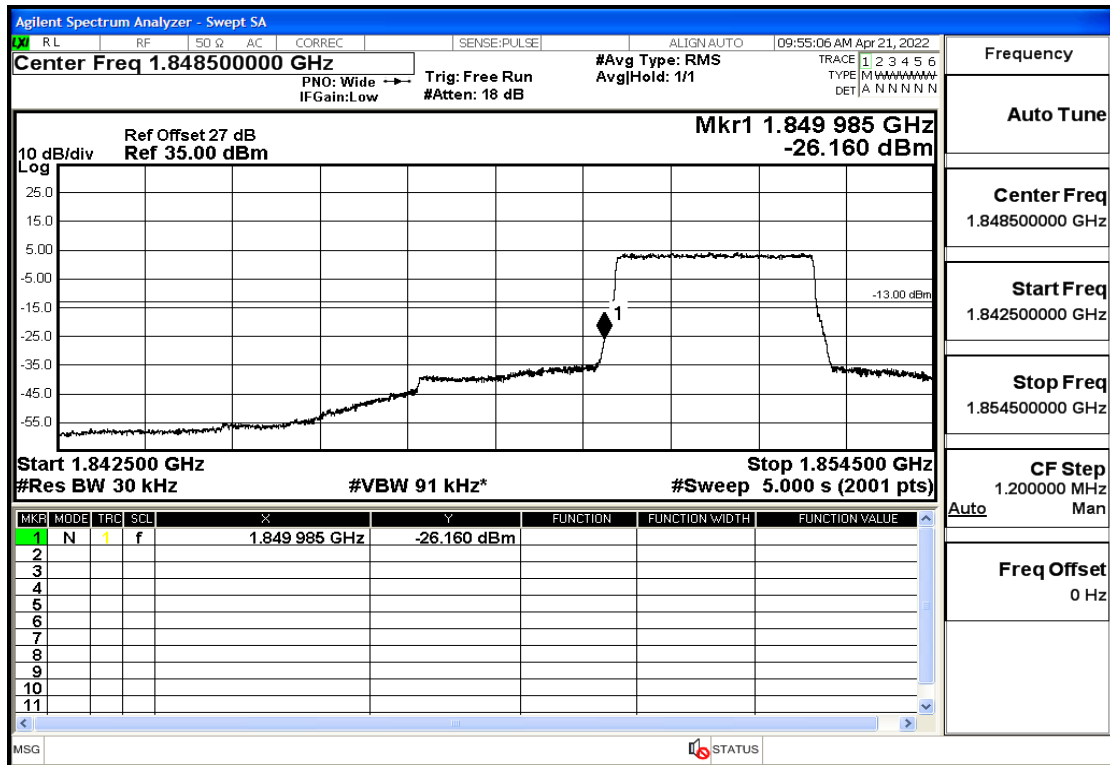
Band2-1.4-1909.3-16QAM-6#LOW@Pass



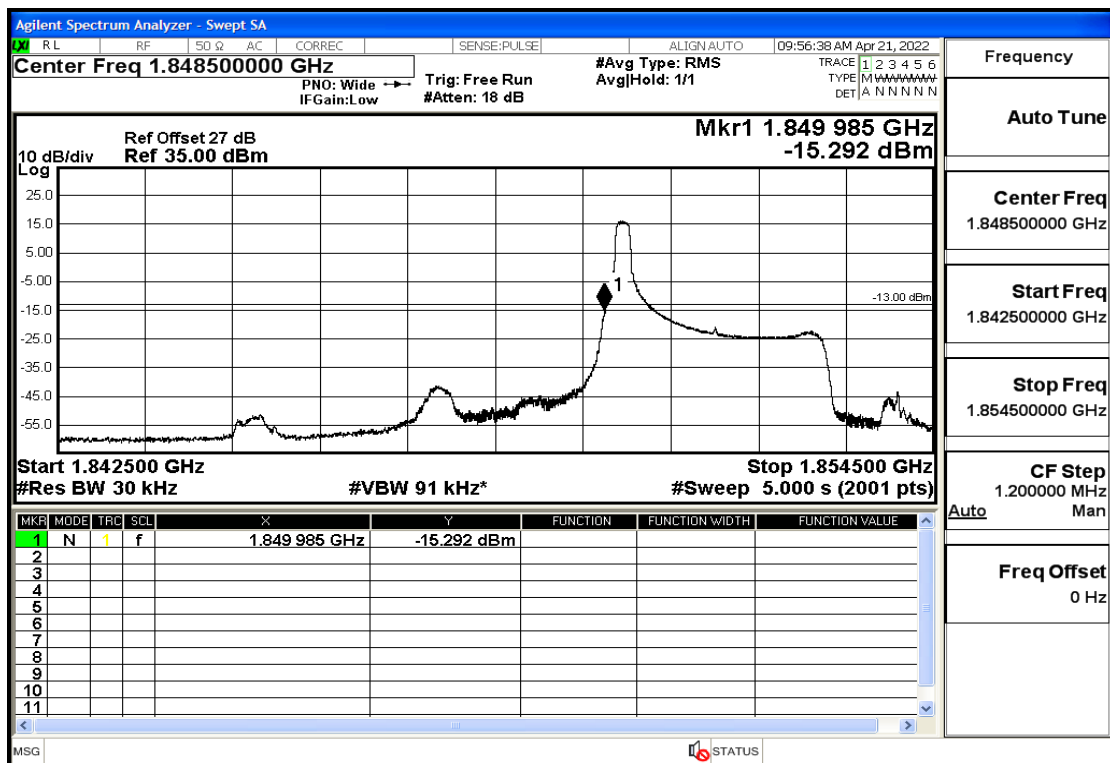
Band2-1.4-1909.3-16QAM-1#HIGH@Pass



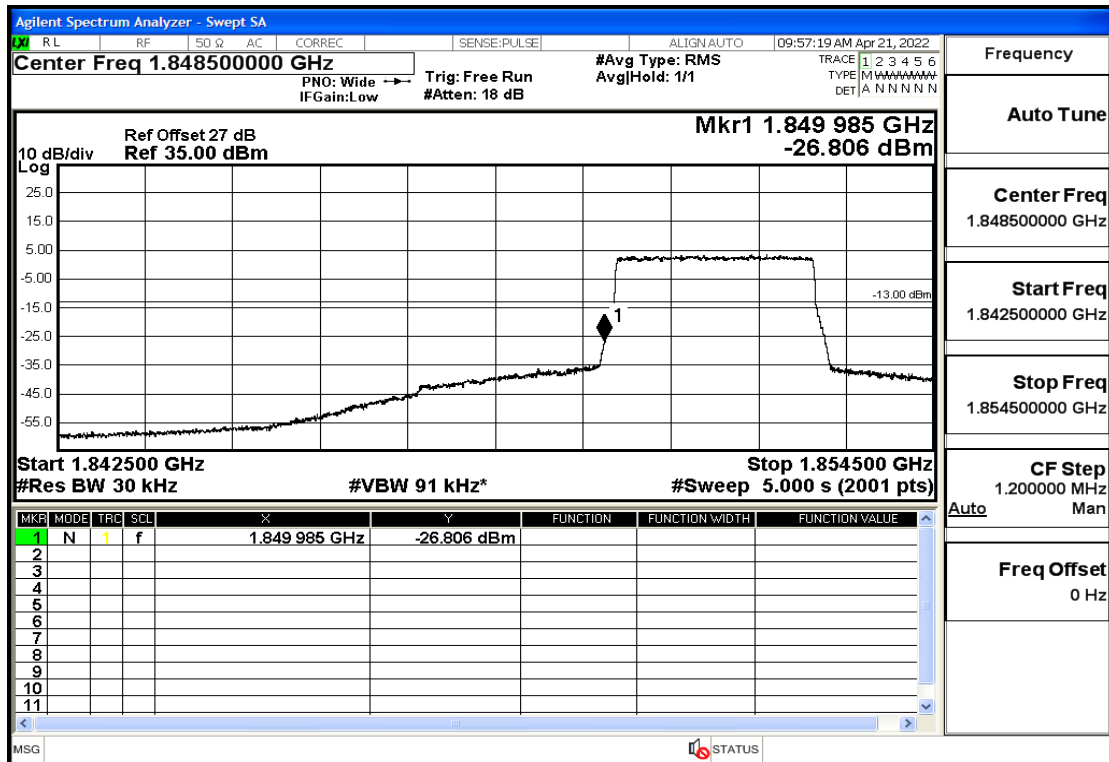
Band2-3-1851.5-QPSK-15#LOW@Pass



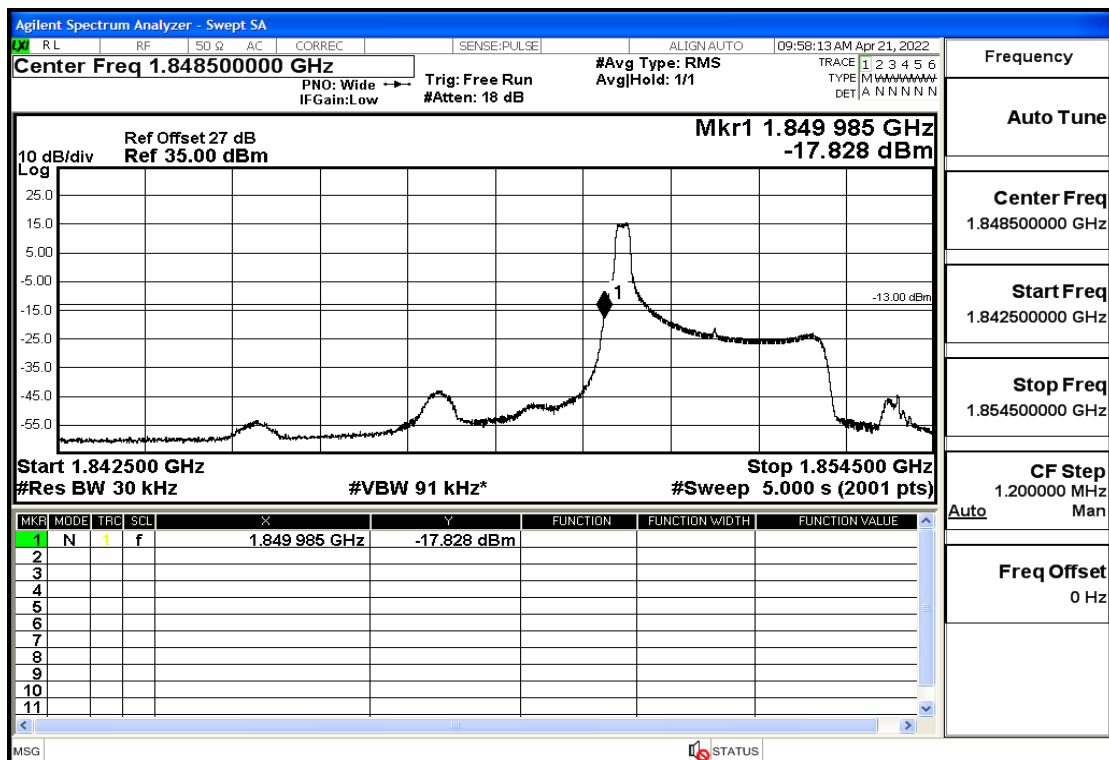
Band2-3-1851.5-QPSK-1#LOW@Pass



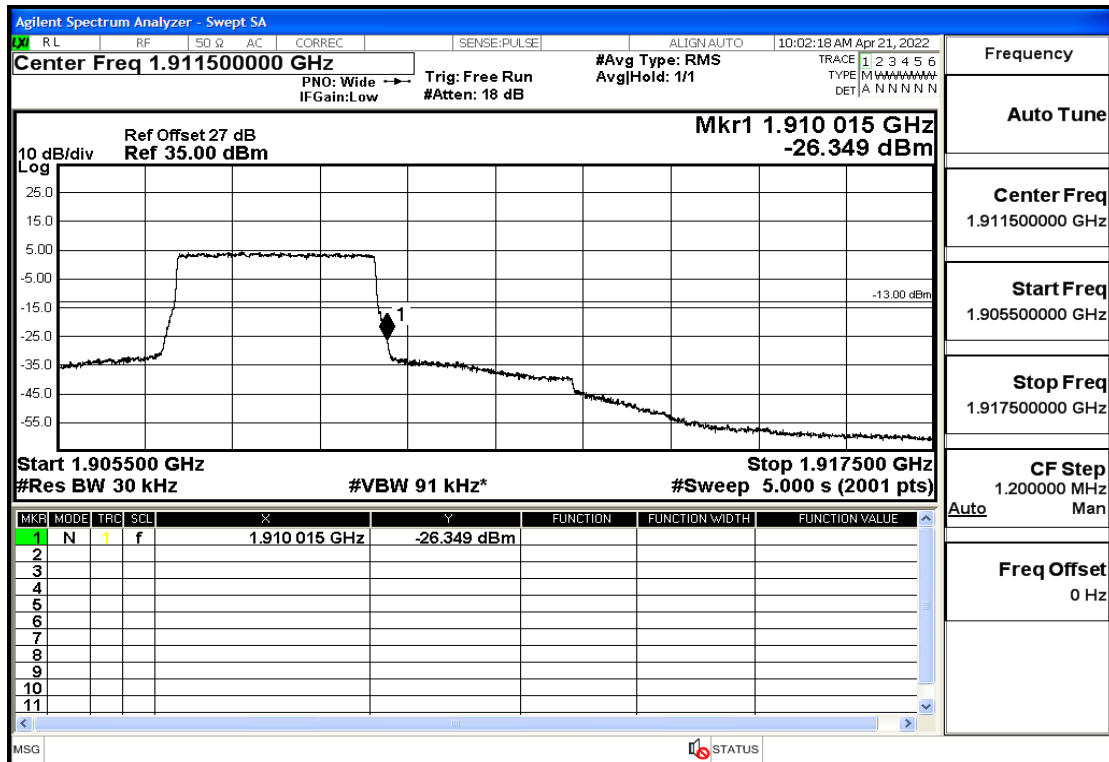
Band2-3-1851.5-16QAM-15#LOW@Pass



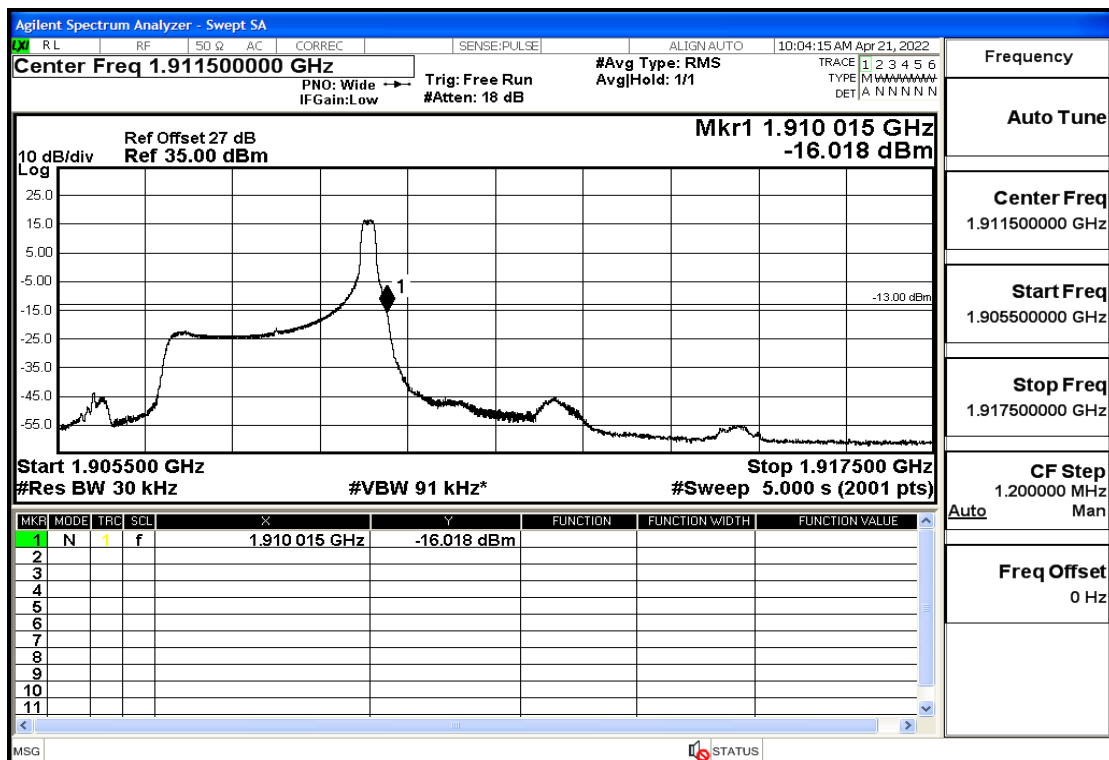
Band2-3-1851.5-16QAM-1#LOW@Pass



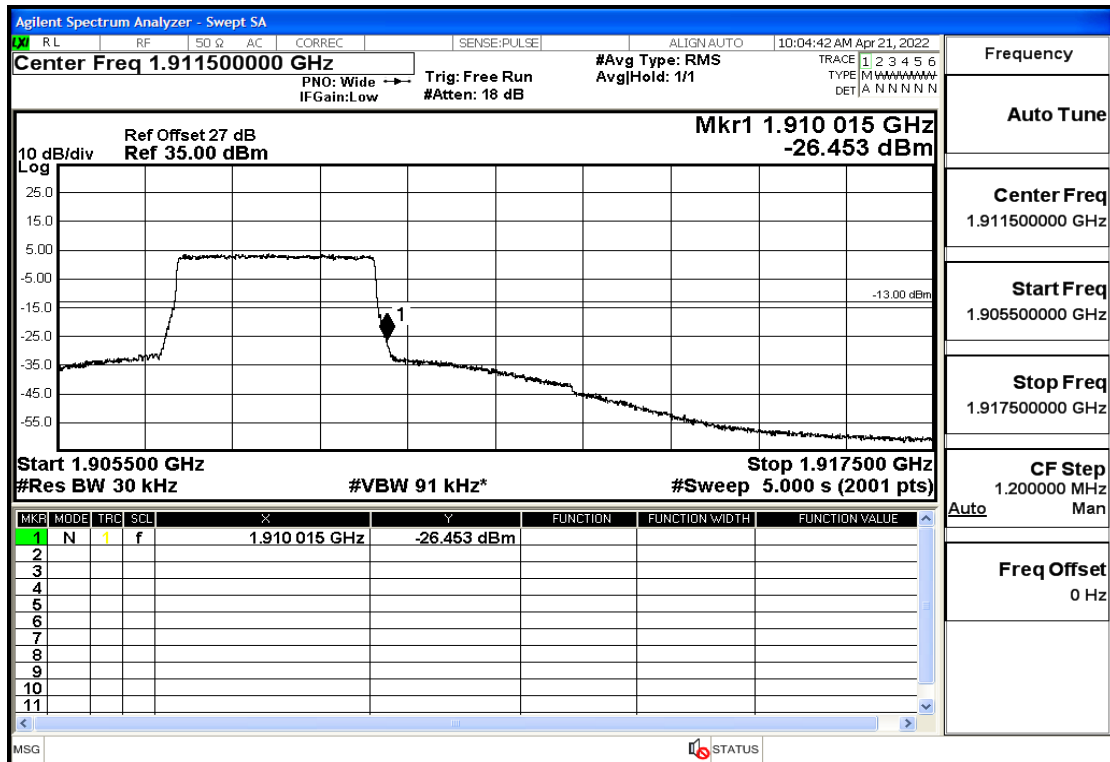
Band2-3-1908.5-QPSK-15#LOW@Pass



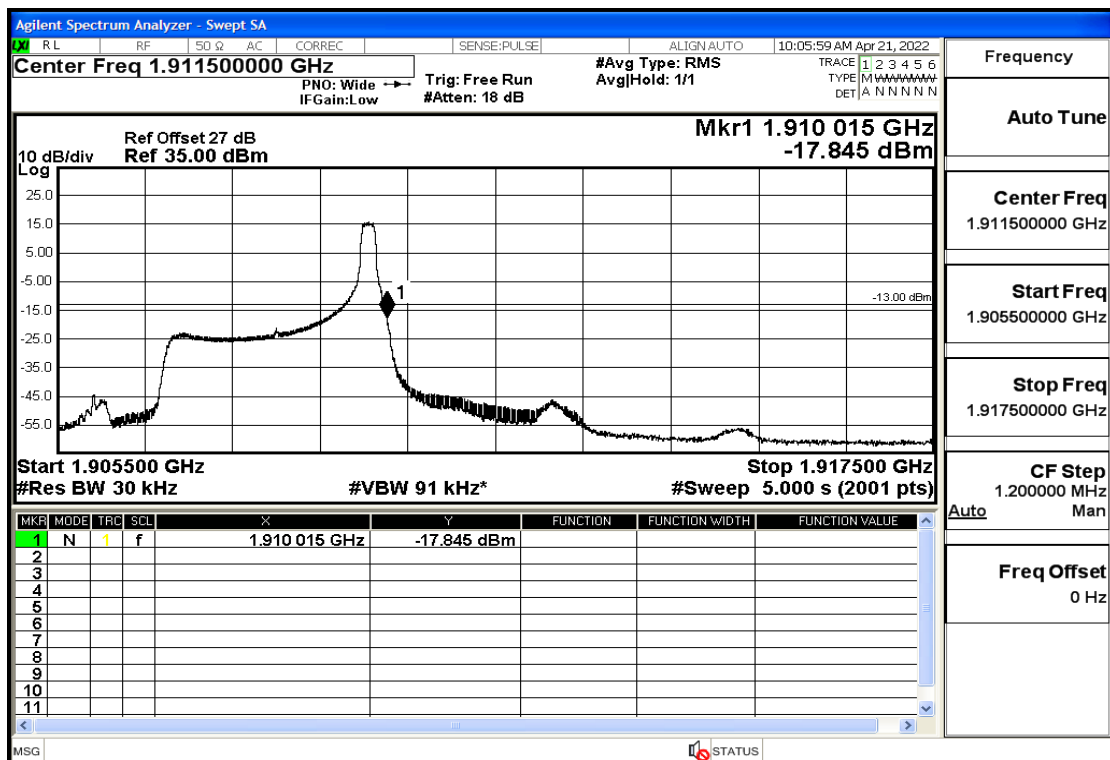
Band2-3-1908.5-QPSK-1#HIGH@Pass



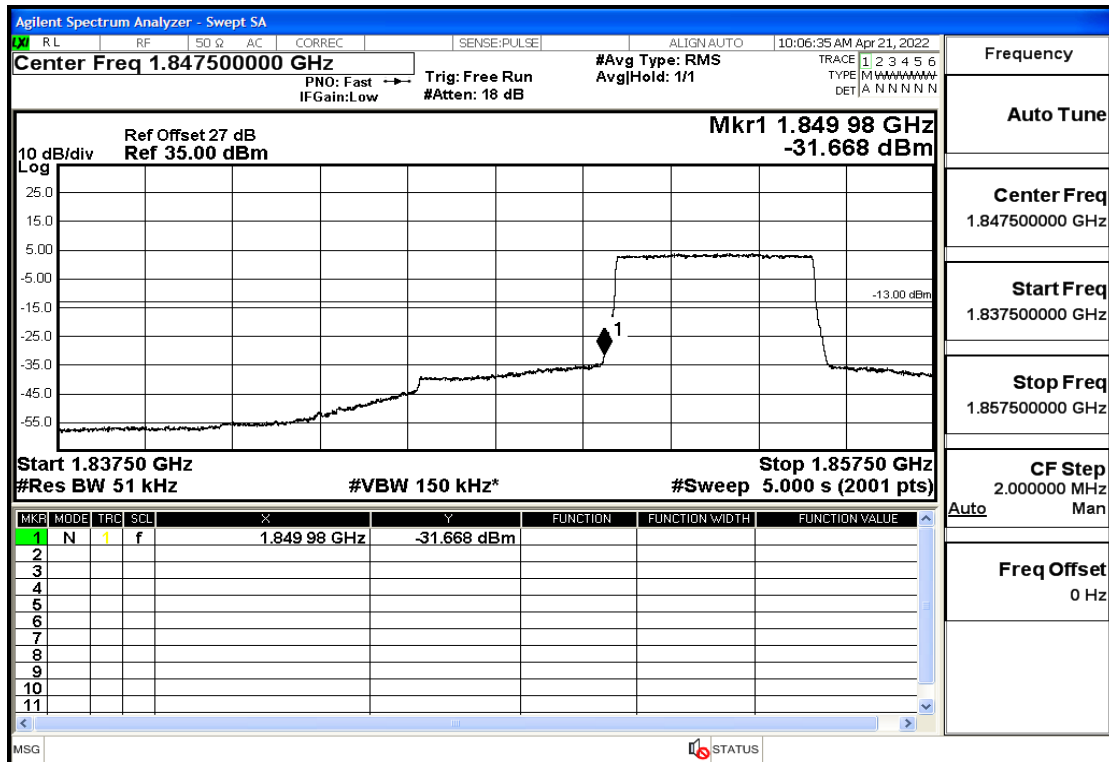
Band2-3-1908.5-16QAM-15#LOW@Pass



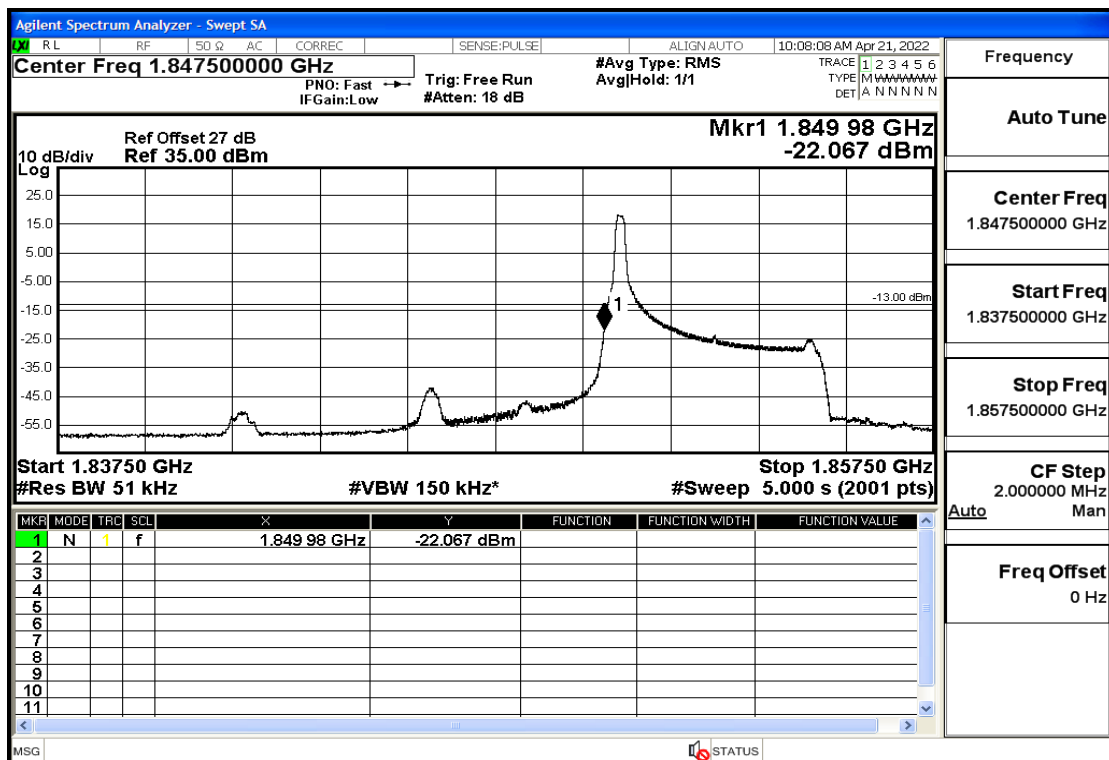
Band2-3-1908.5-16QAM-1#HIGH@Pass



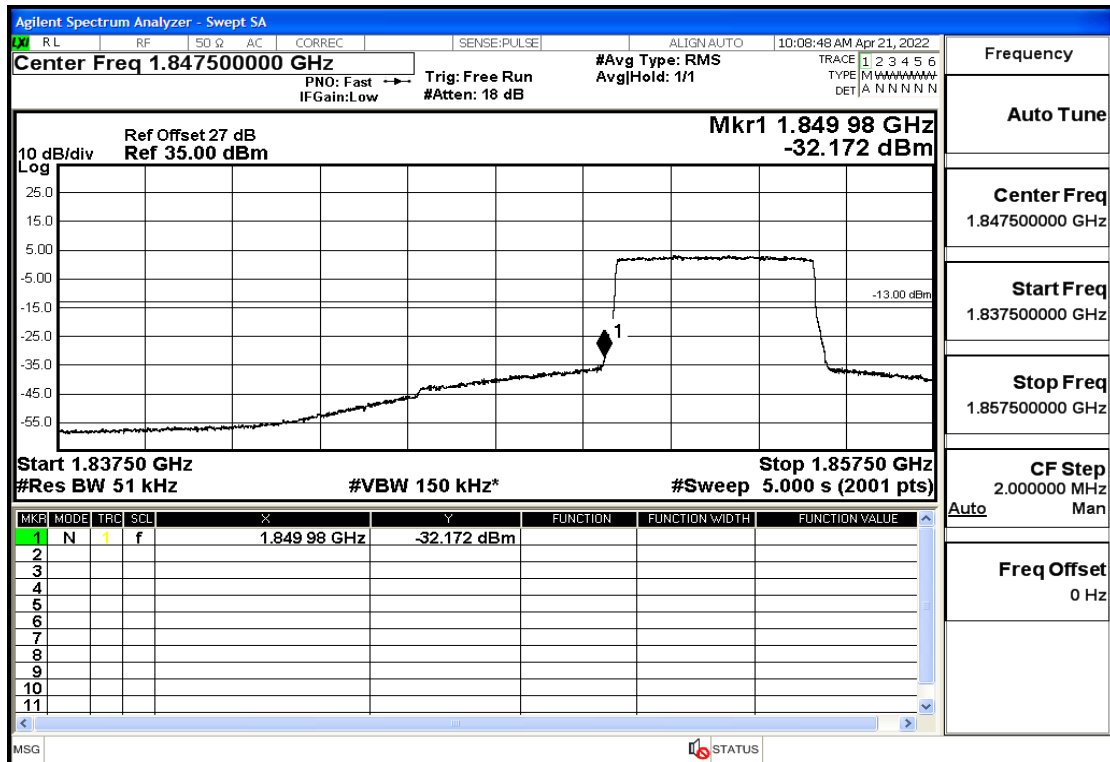
Band2-5-1852.5-QPSK-25#LOW@Pass



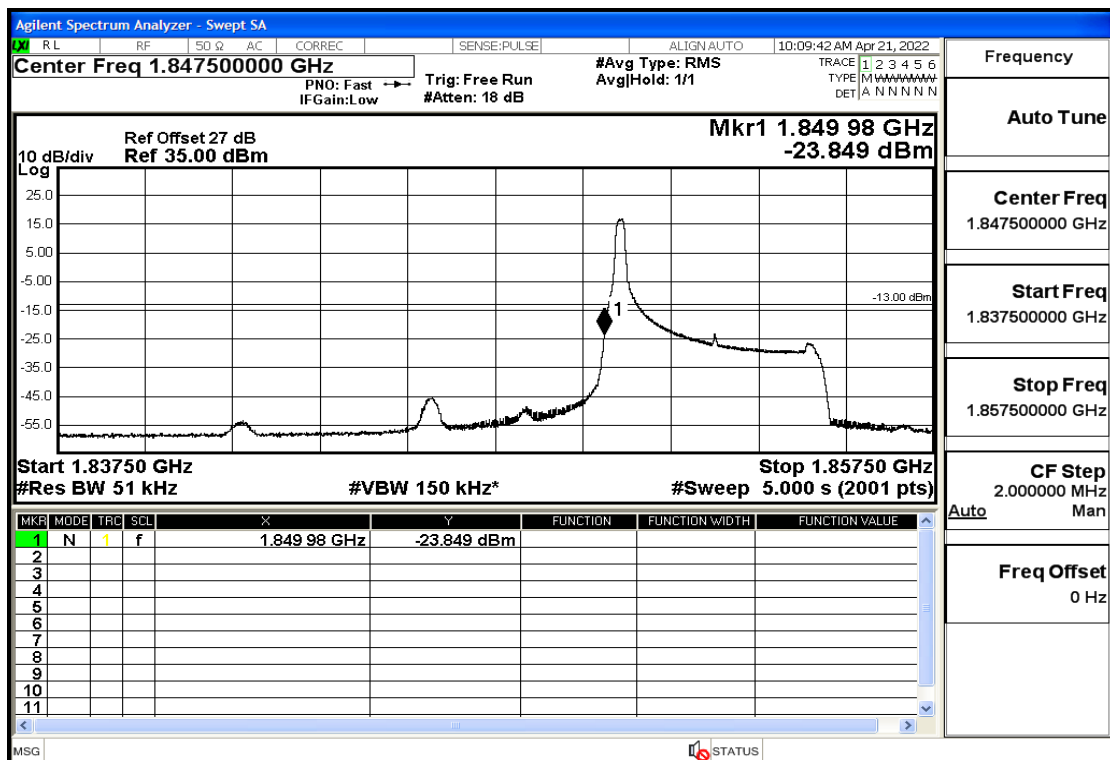
Band2-5-1852.5-QPSK-1#LOW@Pass



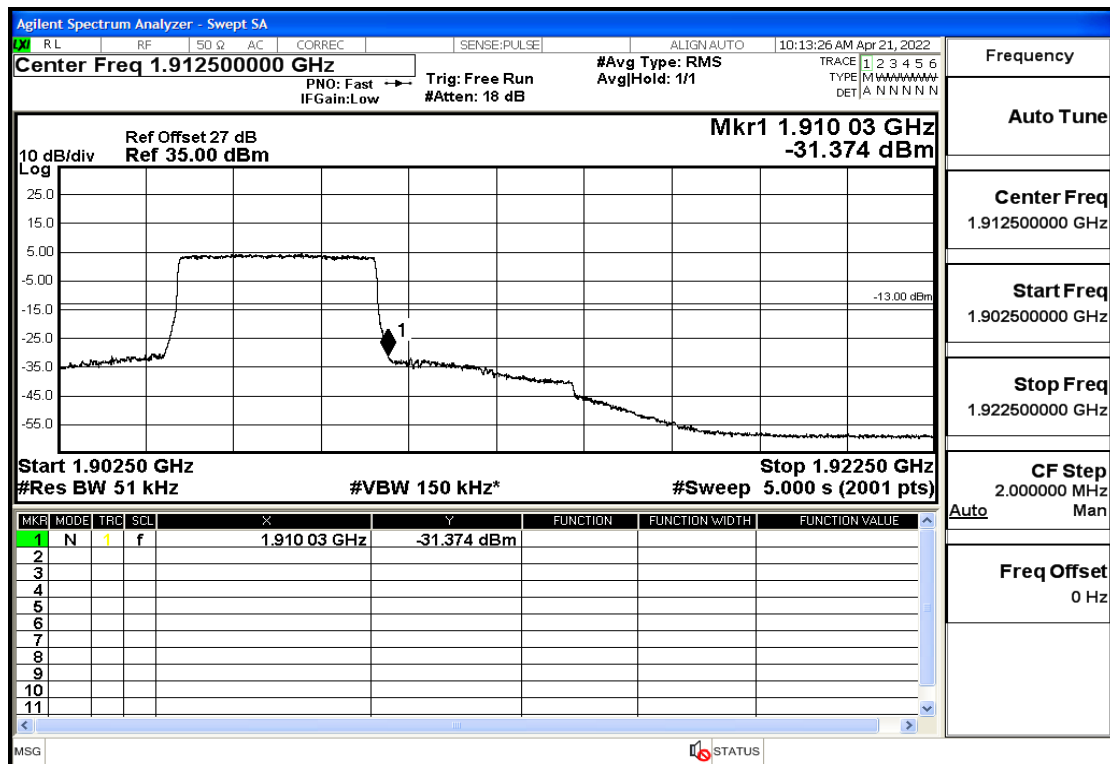
Band2-5-1852.5-16QAM-25#LOW@Pass



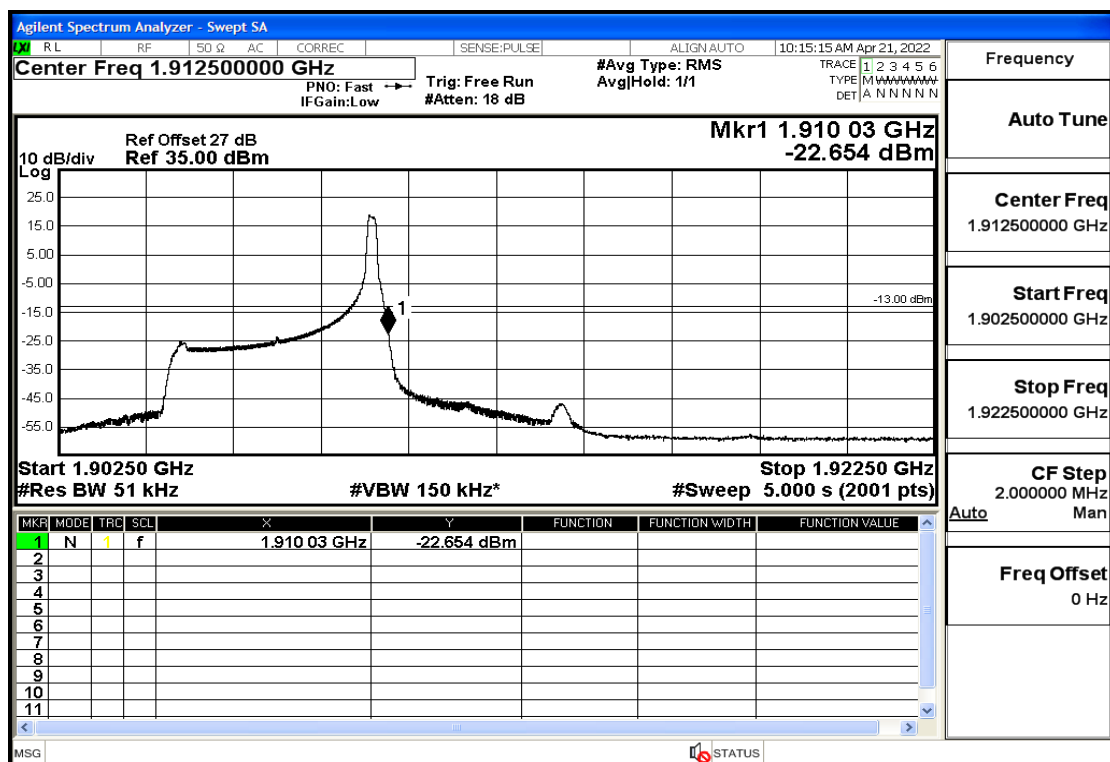
Band2-5-1852.5-16QAM-1#LOW@Pass



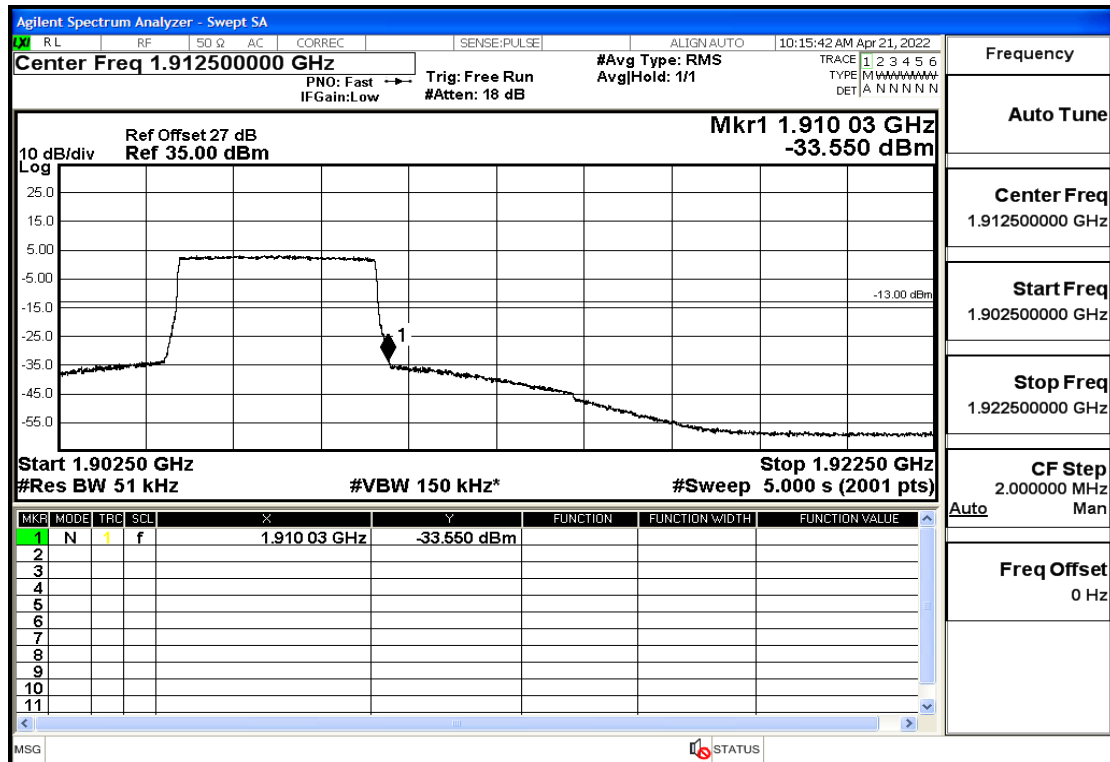
Band2-5-1907.5-QPSK-25#LOW@Pass



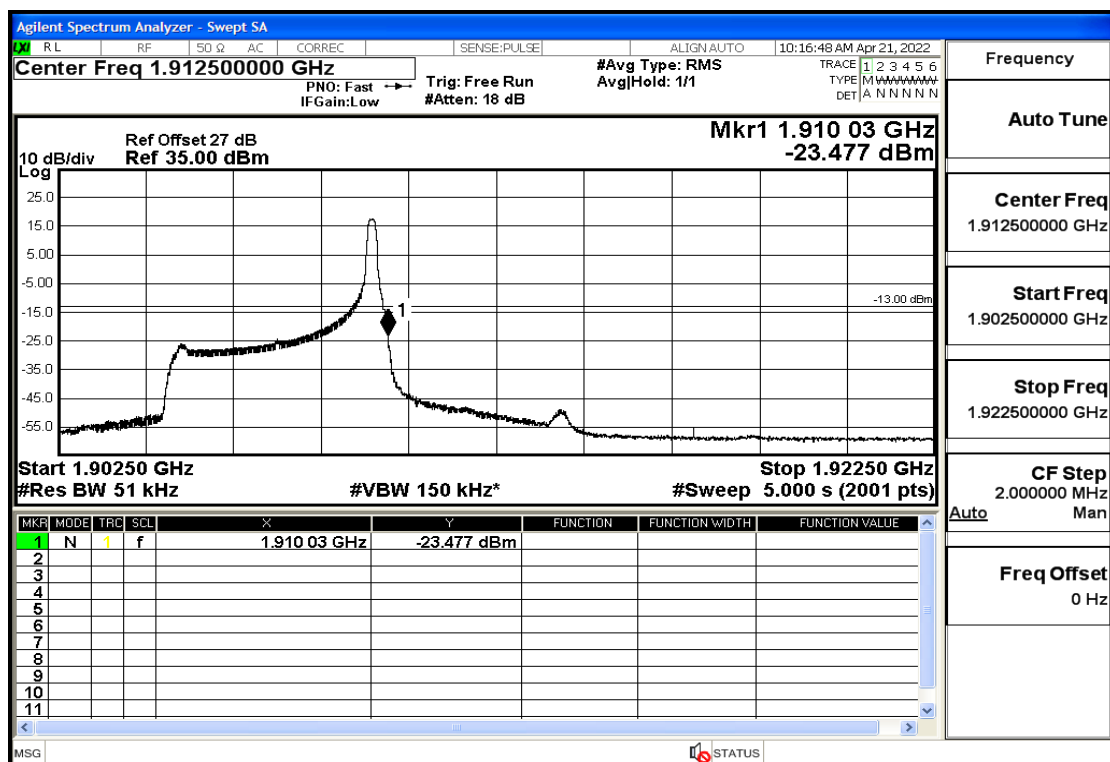
Band2-5-1907.5-QPSK-1#HIGH@Pass



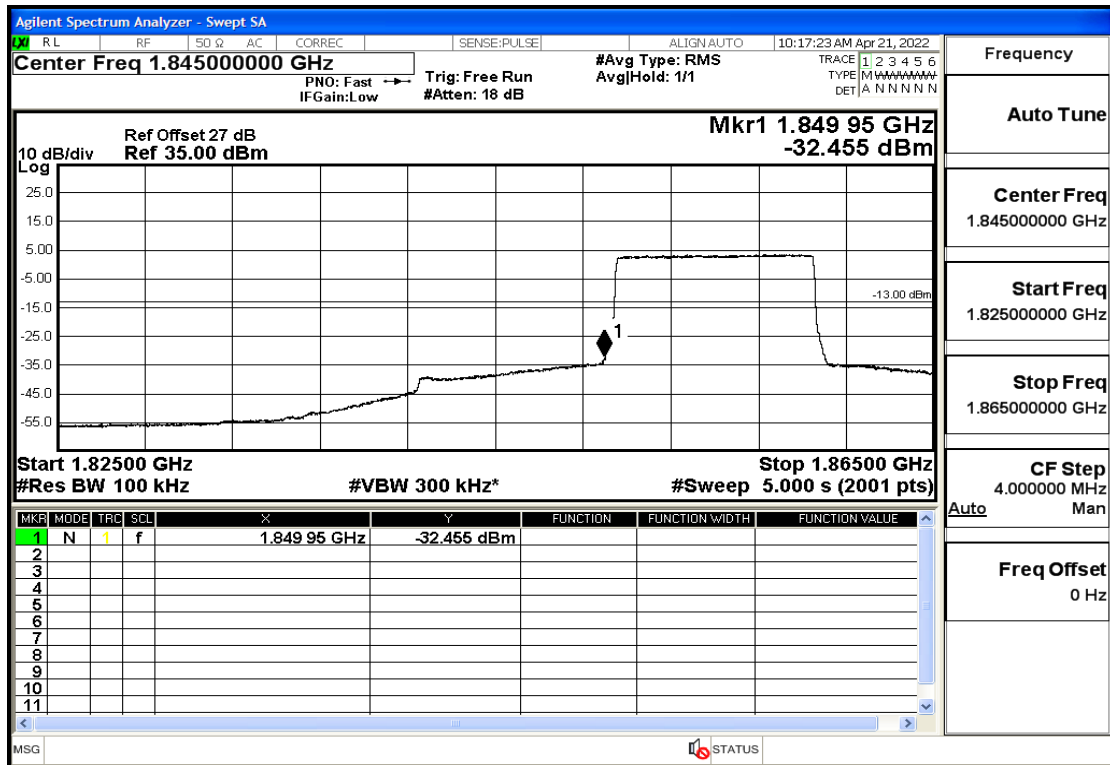
Band2-5-1907.5-16QAM-25#LOW@Pass



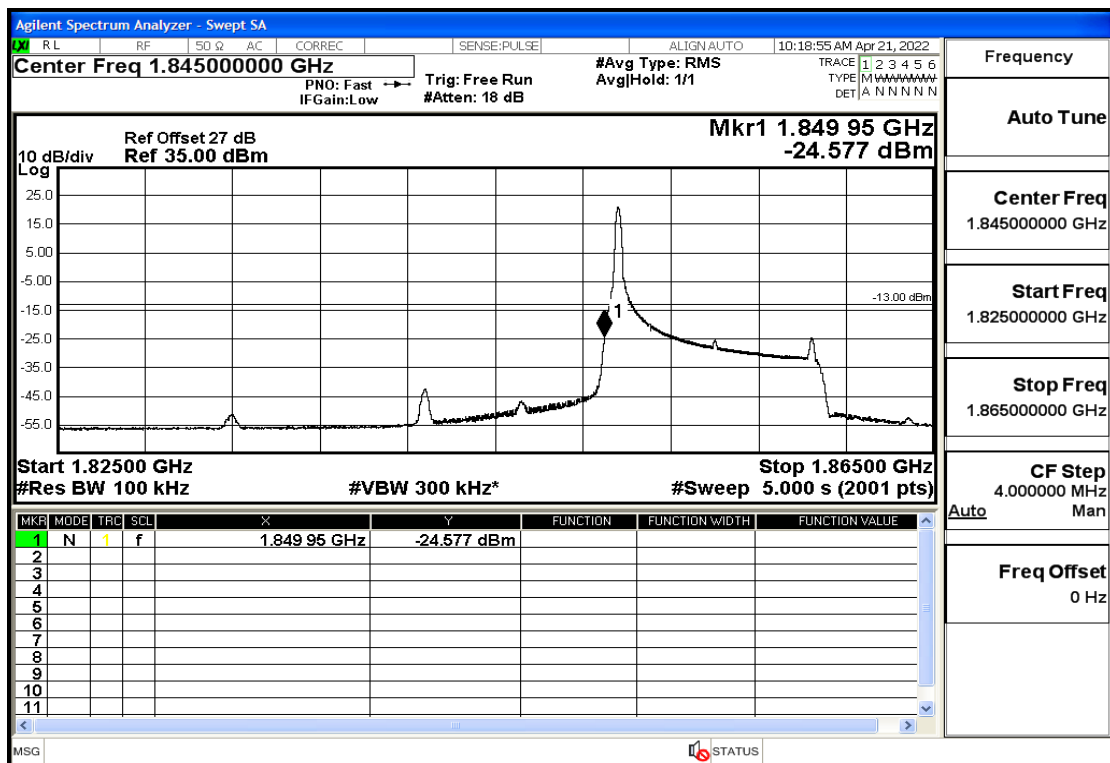
Band2-5-1907.5-16QAM-1#HIGH@Pass



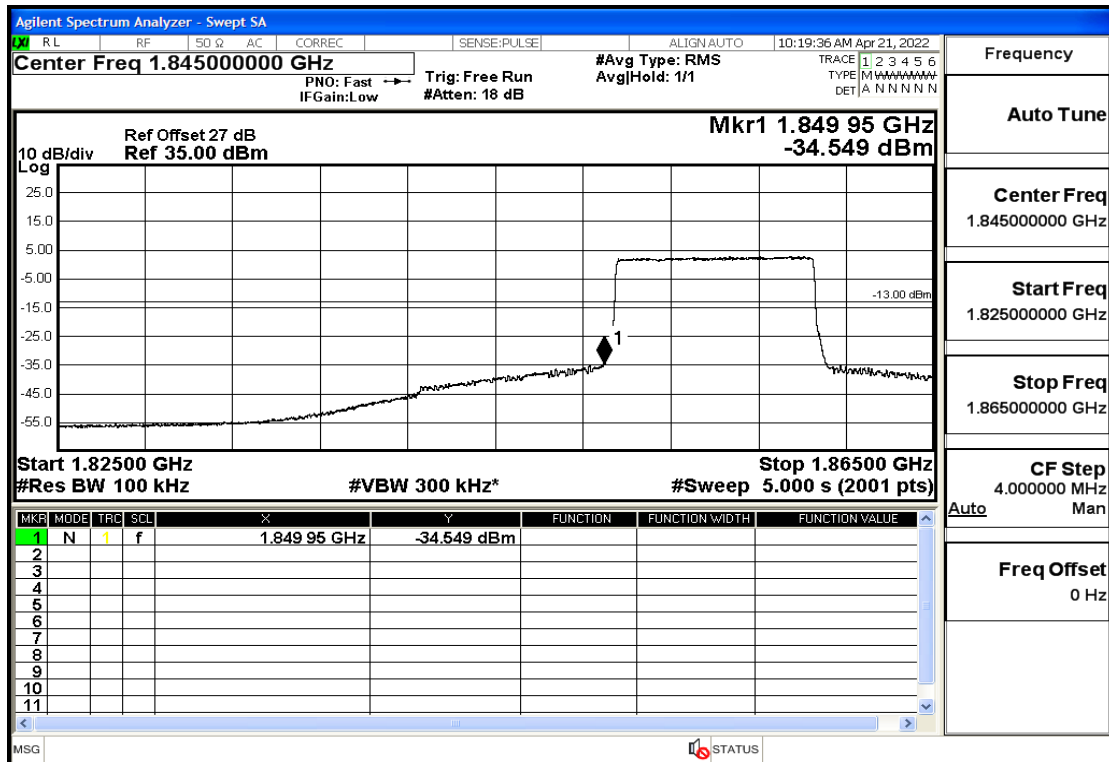
Band2-10-1855-QPSK-50#LOW@Pass



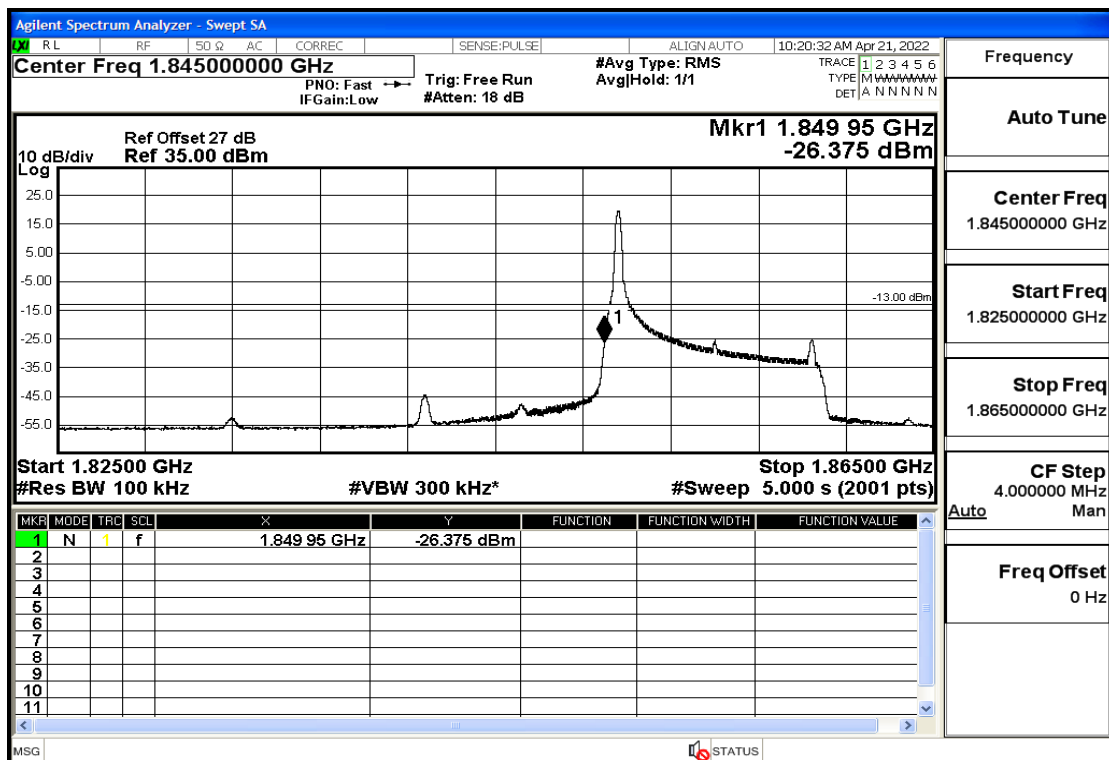
Band2-10-1855-QPSK-1#LOW@Pass



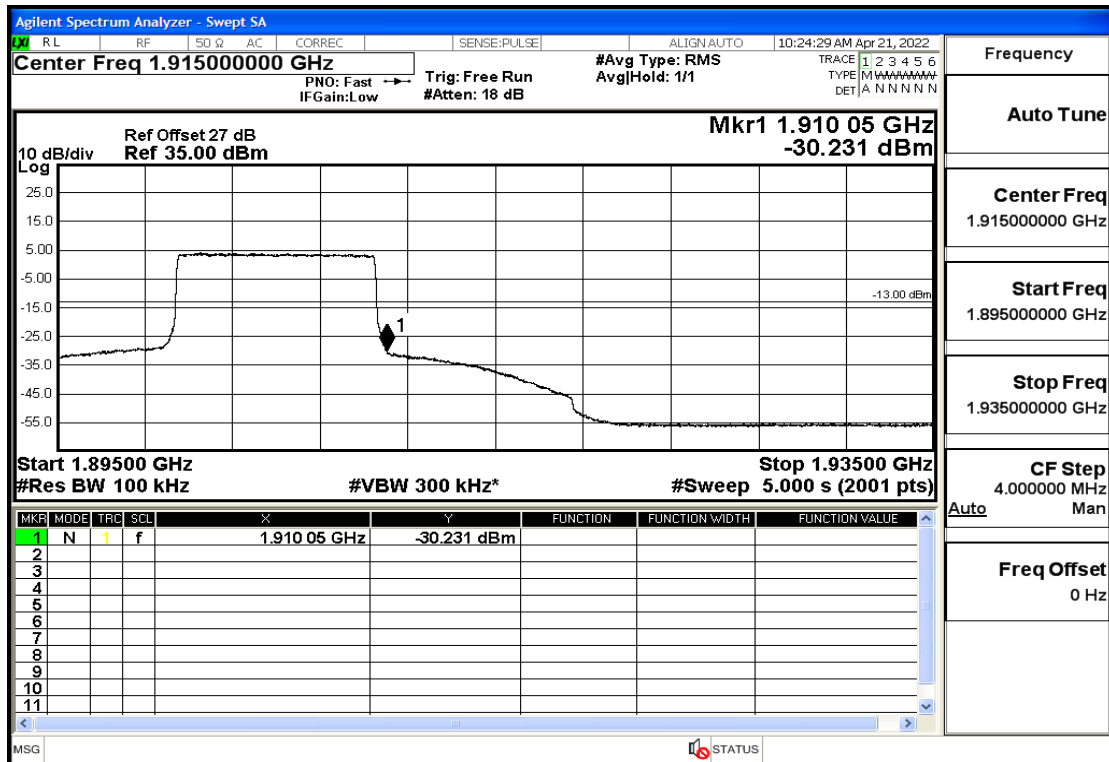
Band2-10-1855-16QAM-50#LOW@Pass



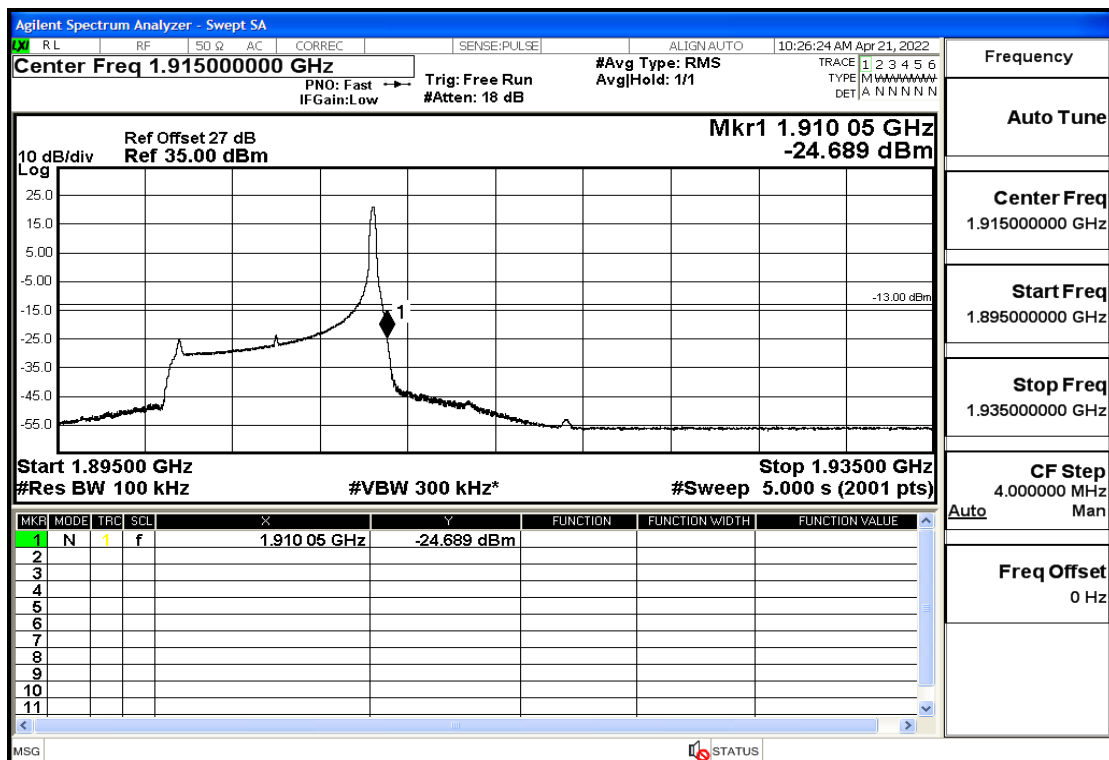
Band2-10-1855-16QAM-1#LOW@Pass



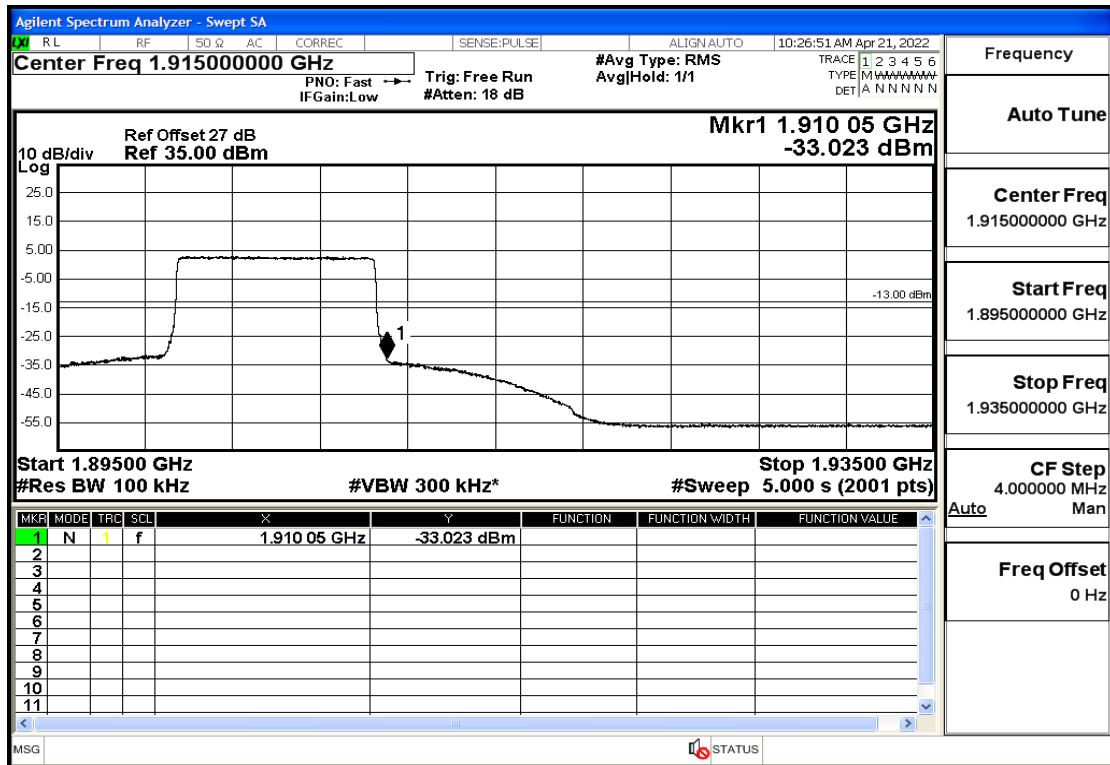
Band2-10-1905-QPSK-50#LOW@Pass



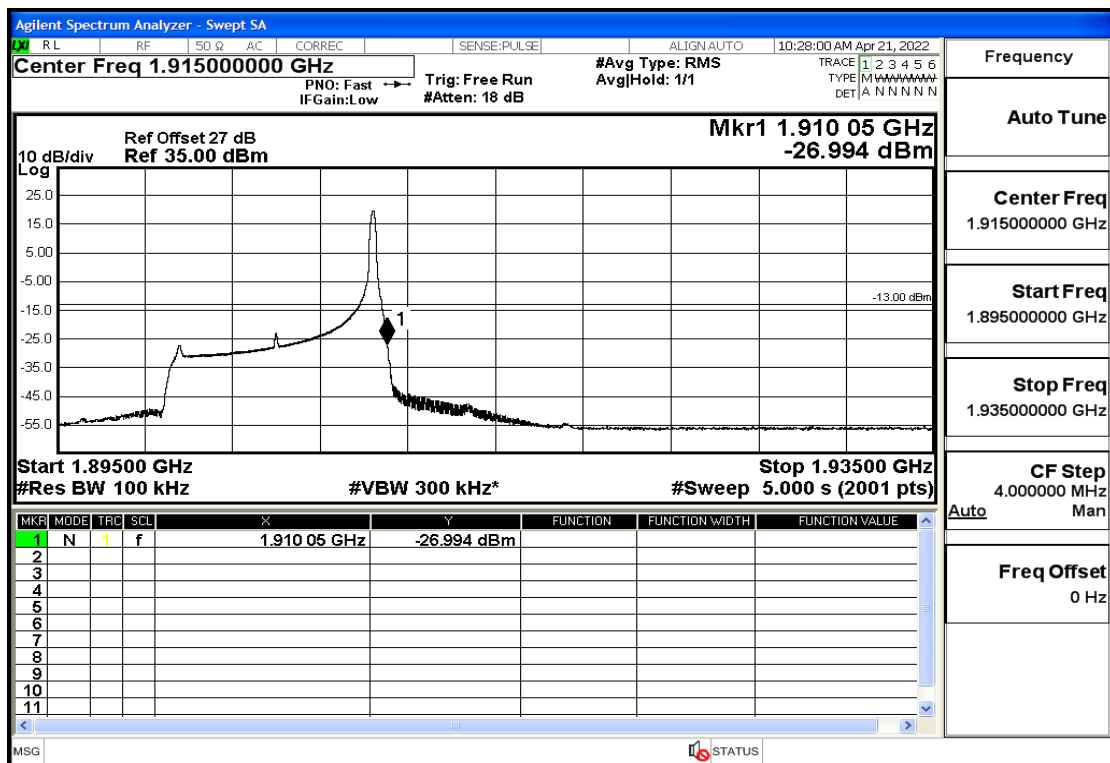
Band2-10-1905-QPSK-1#HIGH@Pass



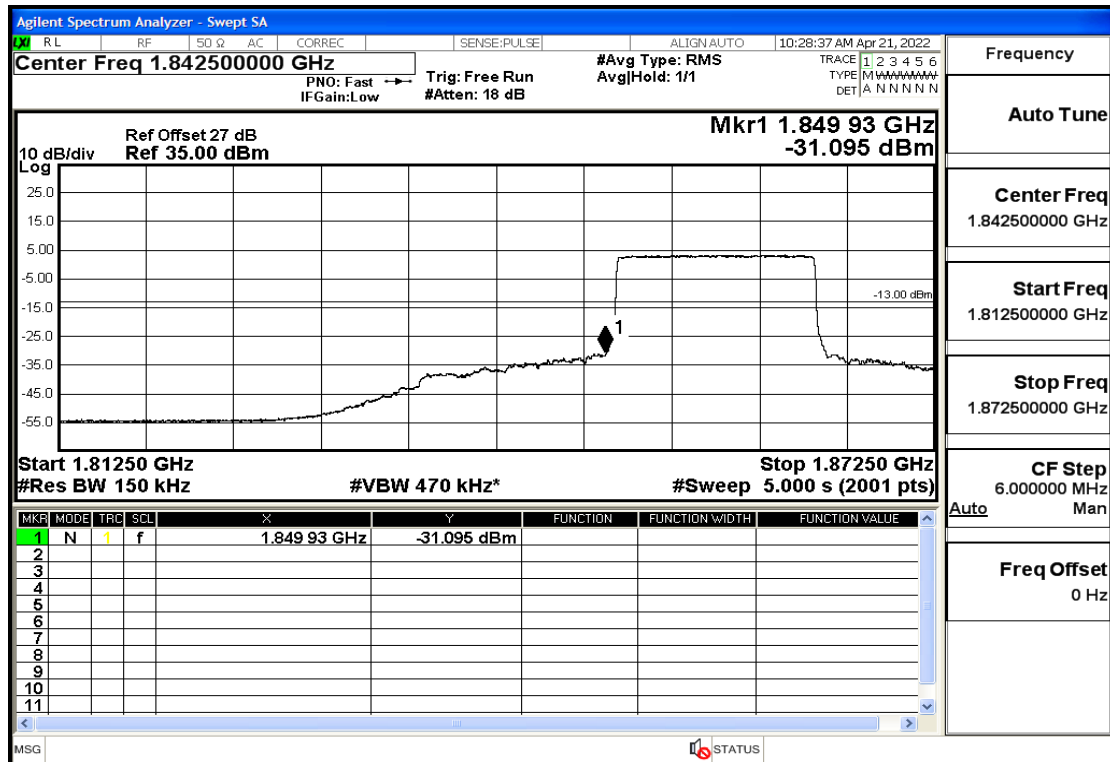
Band2-10-1905-16QAM-50#LOW@Pass



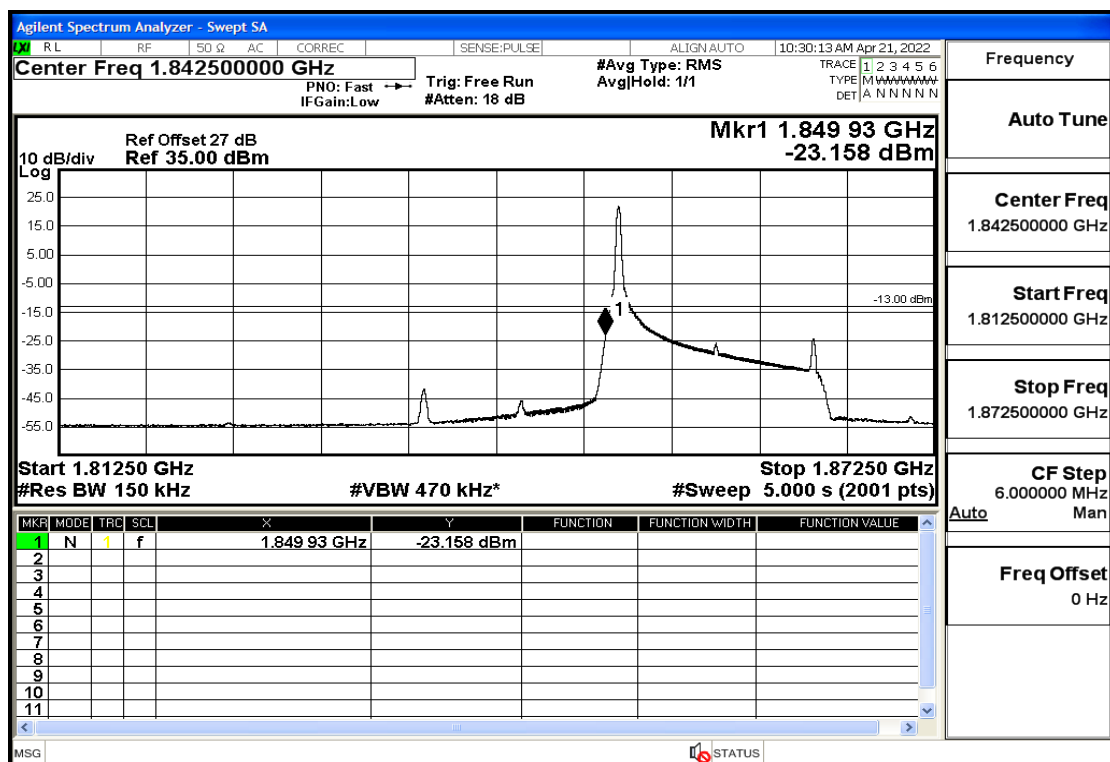
Band2-10-1905-16QAM-1#HIGH@Pass



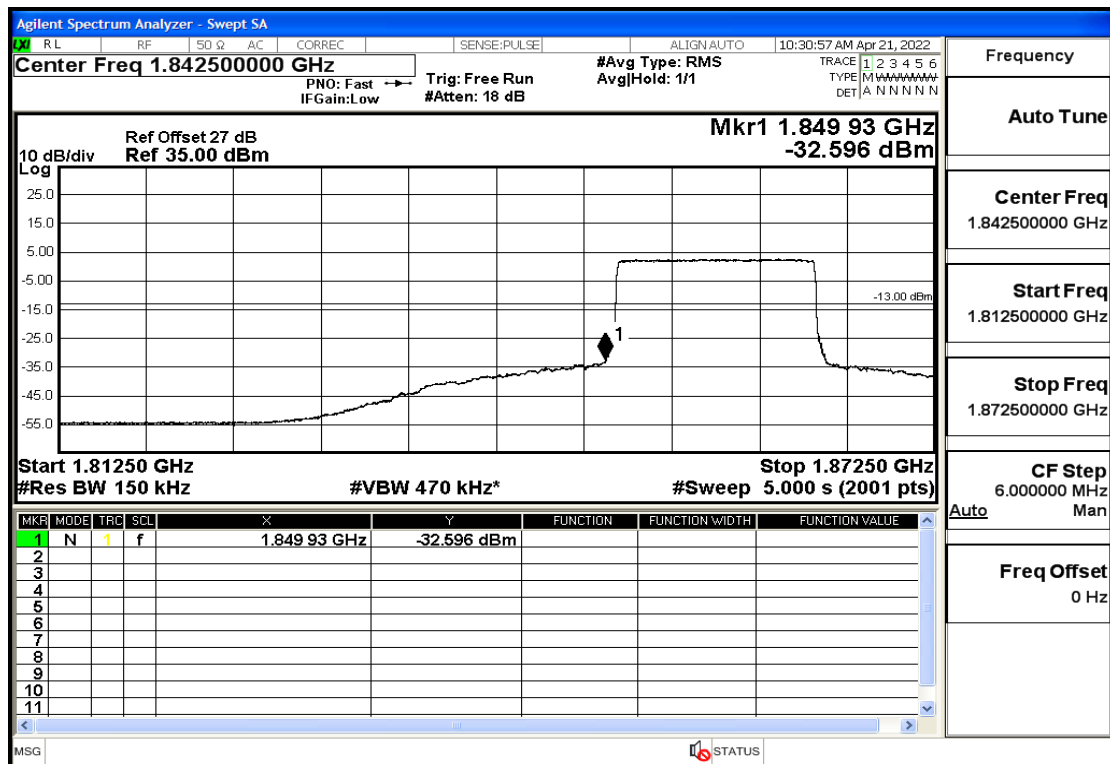
Band2-15-1857.5-QPSK-75#LOW@Pass



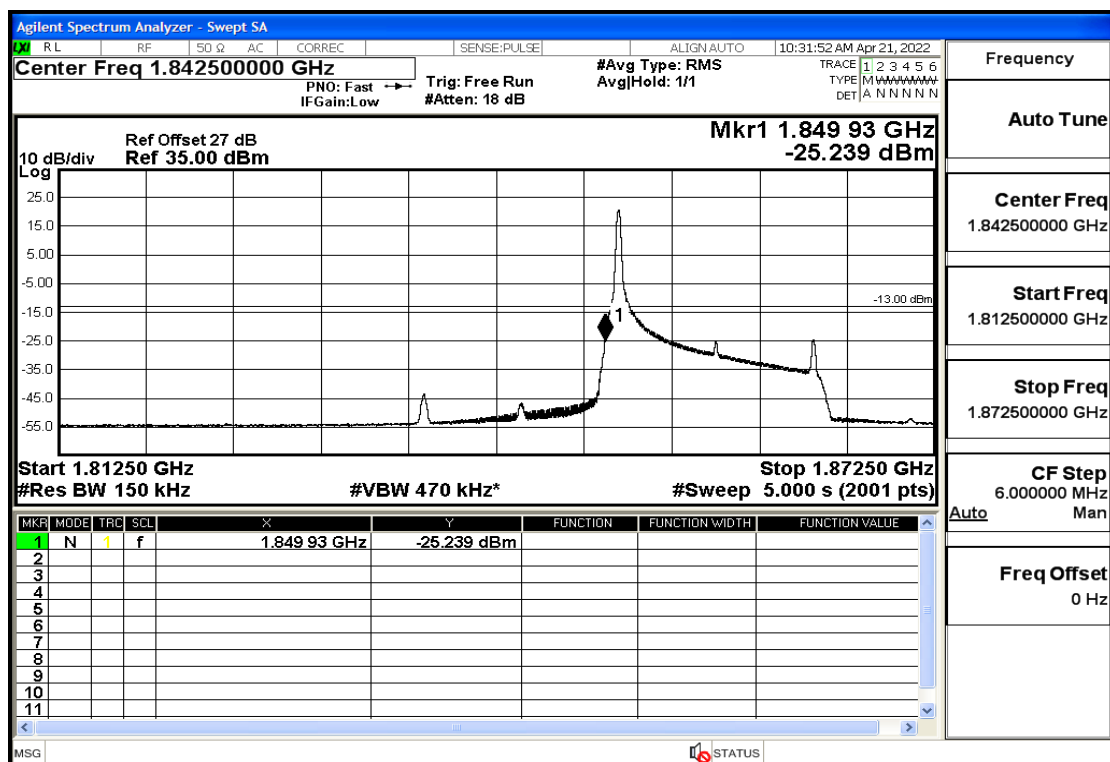
Band2-15-1857.5-QPSK-1#LOW@Pass



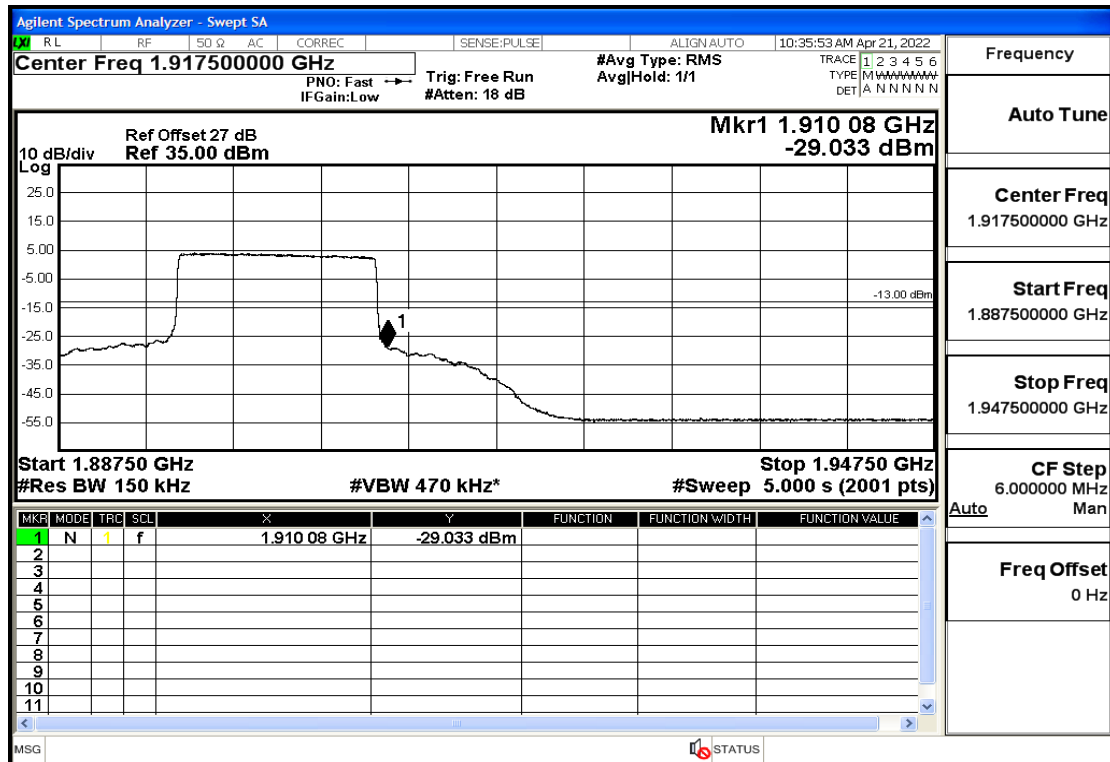
Band2-15-1857.5-16QAM-75#LOW@Pass



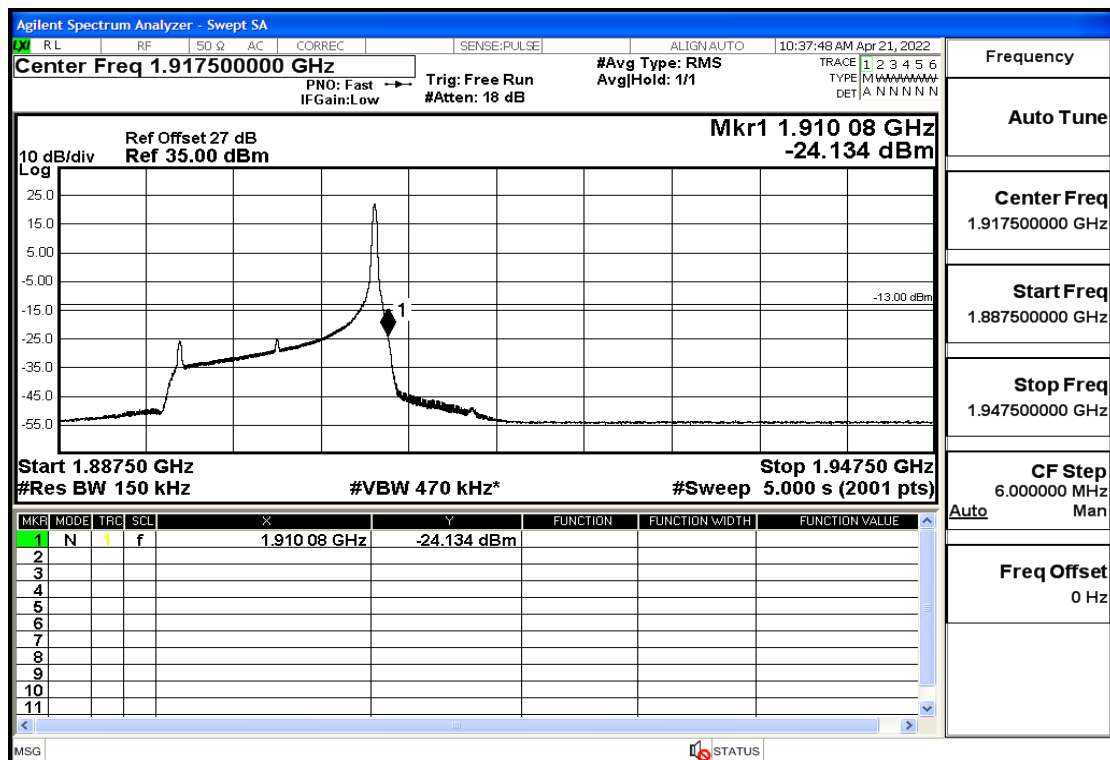
Band2-15-1857.5-16QAM-1#LOW@Pass



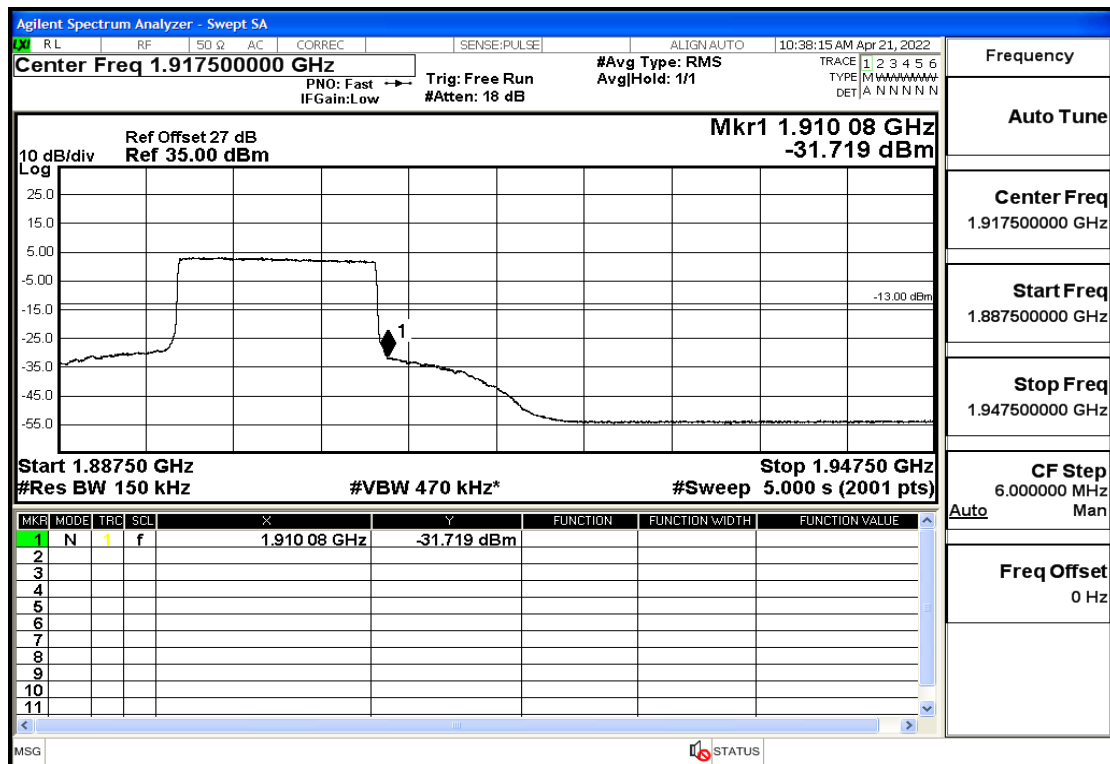
Band2-15-1902.5-QPSK-75#LOW@Pass



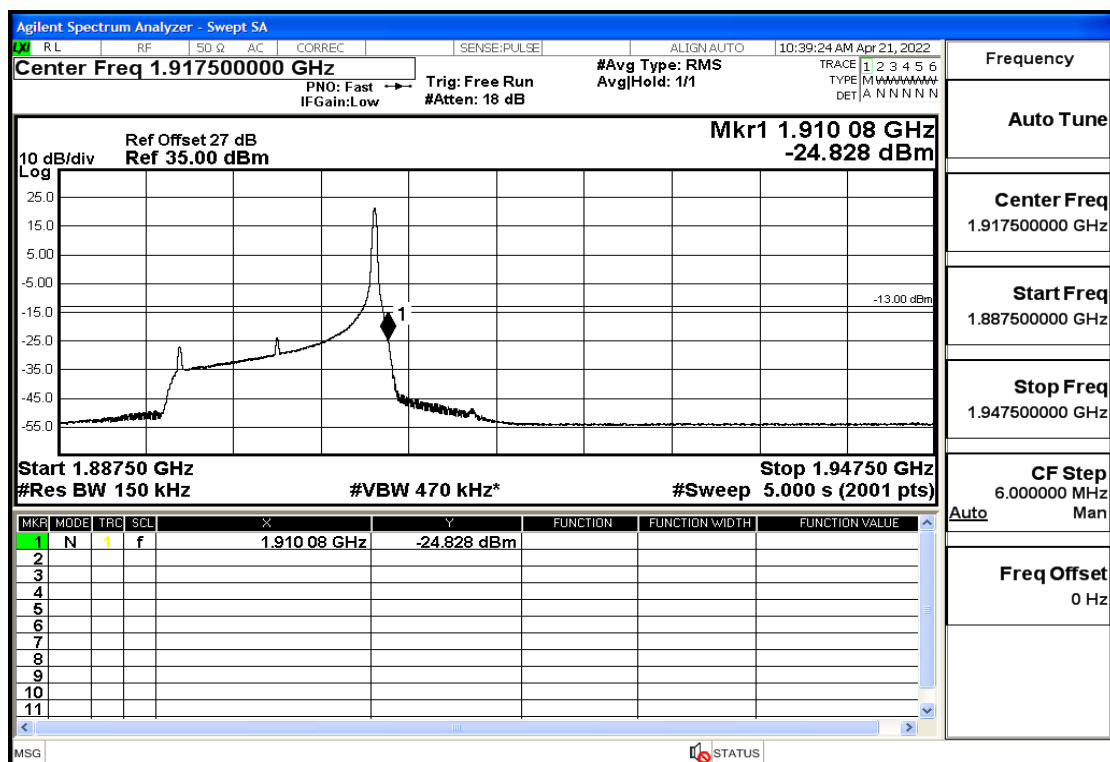
Band2-15-1902.5-QPSK-1#HIGH@Pass



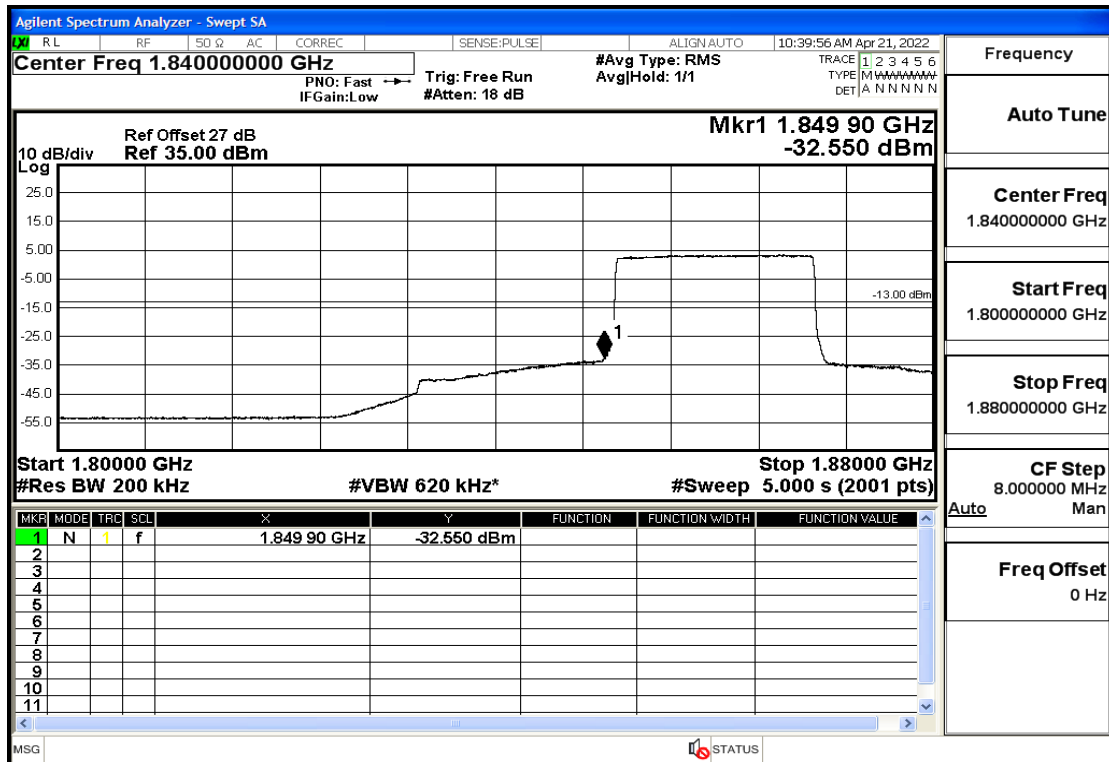
Band2-15-1902.5-16QAM-75#LOW@Pass



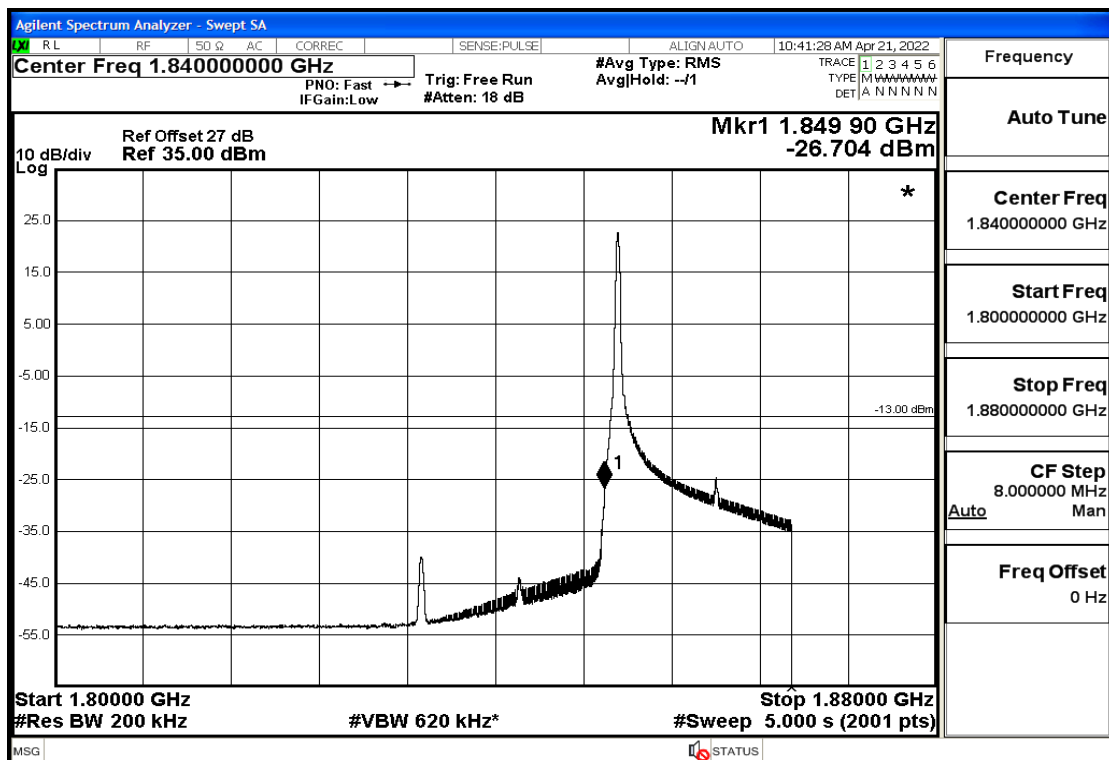
Band2-15-1902.5-16QAM-1#HIGH@Pass



Band2-20-1860-QPSK-100#LOW@Pass



Band2-20-1860-QPSK-1#LOW@Pass



Agilent Spectrum Analyzer - Swept SA

Center Freq 1.840000000 GHz

Ref Offset 27 dB
Ref 35.00 dBm

10 dB/div
Log

Mkr1 1.849 90 GHz
-36.622 dBm

Start 1.80000 GHz
#Res BW 200 kHz

Stop 1.88000 GHz
#Sweep 5.000 s (2001 pts)

#VBW 620 kHz*

#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 W
DET A N N N N N N

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	1.849 90 GHz	-36.622 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

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

MSG

STATUS

Agilent Spectrum Analyzer - Swept SA

R L RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO 11:22:12 AM Apr 21, 2022

Center Freq 1.84000000 GHz PNO: Fast → Trig: Free Run #Avg Type: RMS AvgHold: 1/1 TRAC 1 2 3 4 5 6
IFGain:Low #Atten: 18 dB TYPE M N N N N N N DET A N N N N N

Mkr1 1.849 90 GHz -28.557 dBm

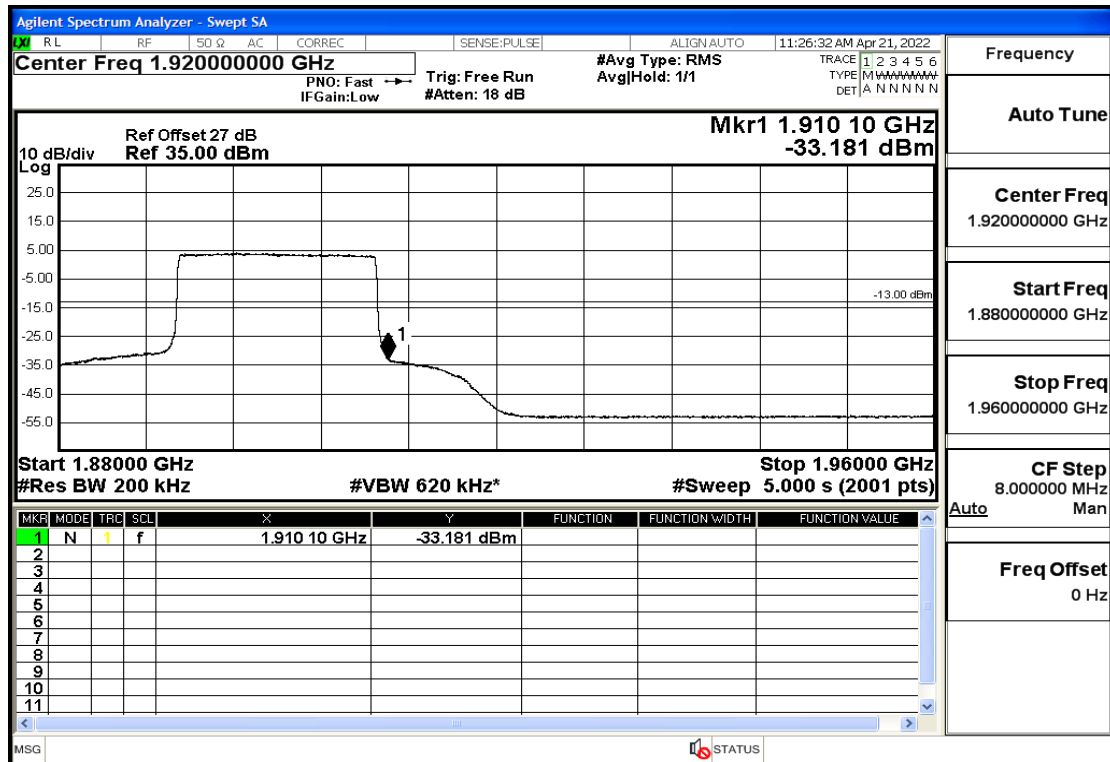
10 dB/div Ref Offset 27 dB Log Ref 35.00 dBm

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

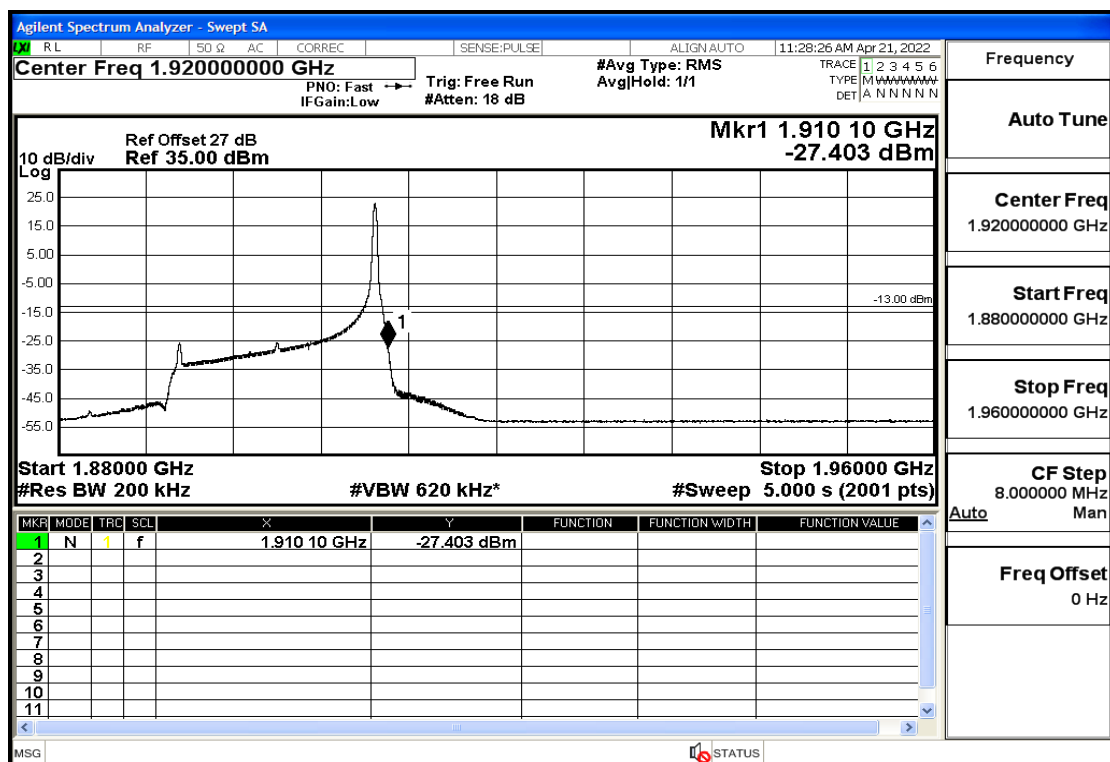
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	f	1.849 90 GHz	-28.557 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

Freq Offset 0 Hz

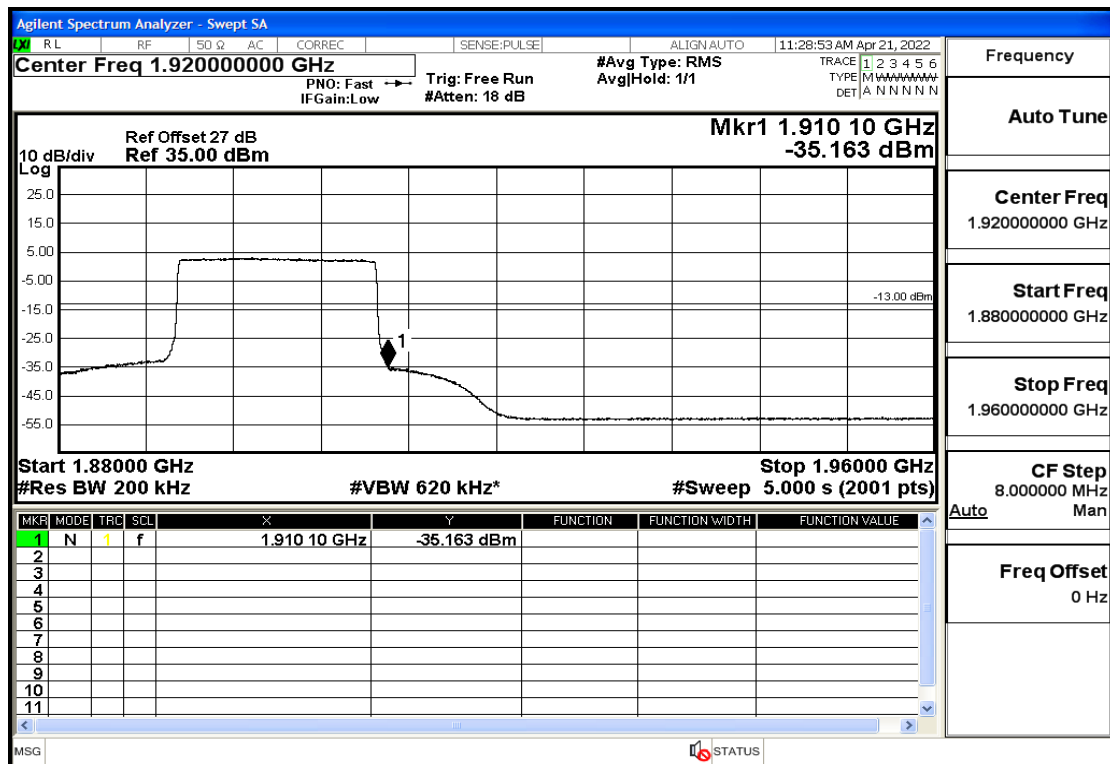
Band2-20-1900-QPSK-100#LOW@Pass



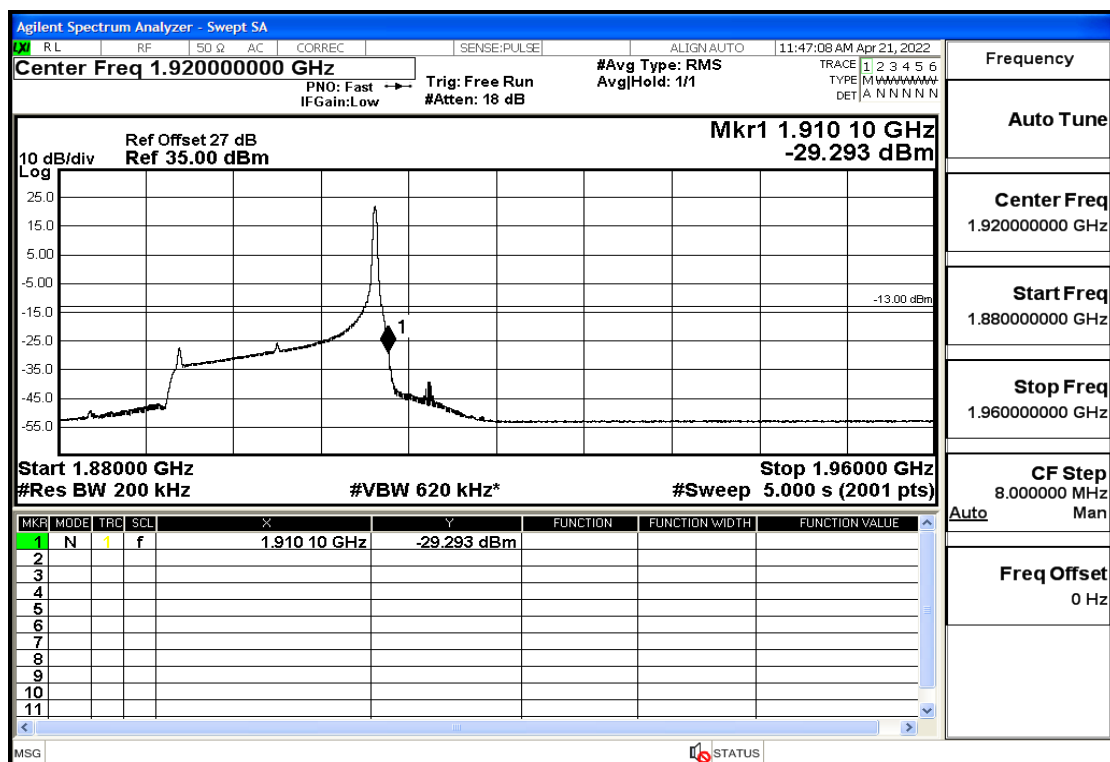
Band2-20-1900-QPSK-1#HIGH@Pass



Band2-20-1900-16QAM-100#LOW@Pass



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



Conducted Spurious Emission

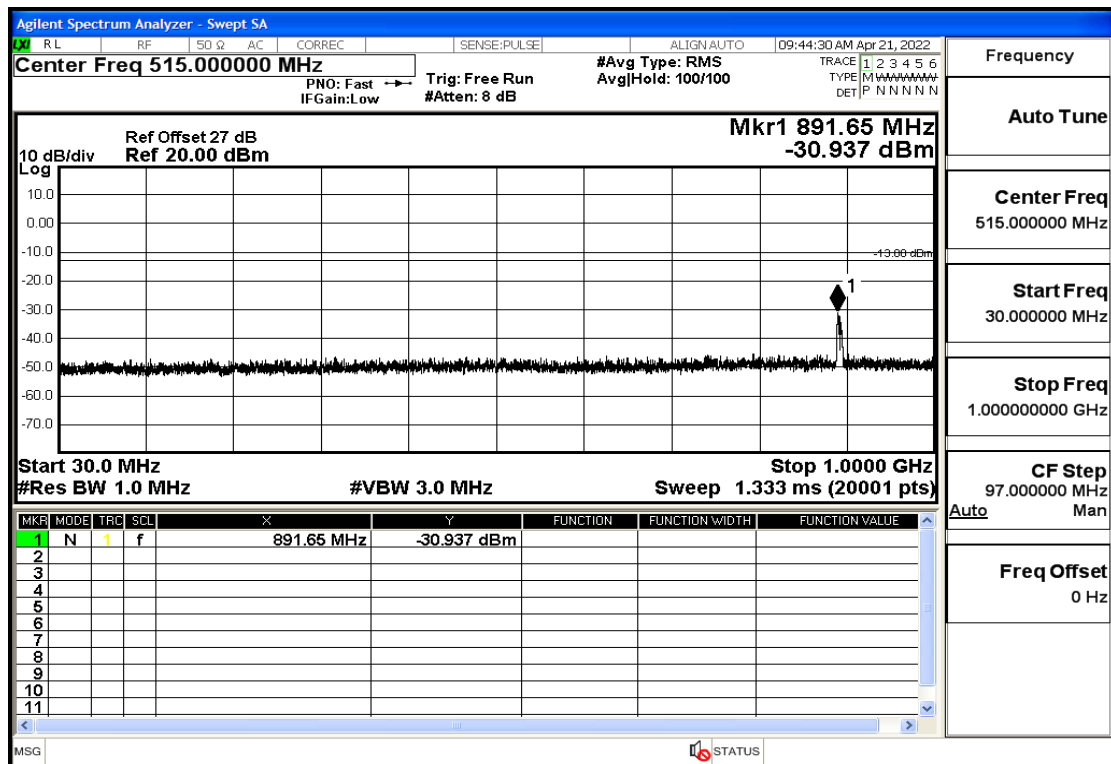
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB2	1.4	1850.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	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	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	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	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	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	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	1880	QPSK	25	LOW	30mHz-1GHz	Pass
OB2	5	1880	QPSK	25	LOW	1GHz-7GHz	Pass
OB2	5	1880	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1880	QPSK	25	LOW	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	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	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	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	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	1880	QPSK	75	LOW	30mHz-1GHz	Pass
OB2	15	1880	QPSK	75	LOW	1GHz-7GHz	Pass
OB2	15	1880	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB2	15	1880	QPSK	75	LOW	13.6GHz-20GHz	Pass
OB2	15	1902.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB2	15	1902.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB2	15	1902.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB2	15	1902.5	QPSK	75	LOW	13.6GHz-20GHz	Pass
OB2	20	1860	QPSK	100	LOW	30mHz-1GHz	Pass
OB2	20	1860	QPSK	100	LOW	1GHz-7GHz	Pass
OB2	20	1860	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB2	20	1860	QPSK	100	LOW	13.6GHz-20GHz	Pass
OB2	20	1880	QPSK	100	LOW	30mHz-1GHz	Pass
OB2	20	1880	QPSK	100	LOW	1GHz-7GHz	Pass
OB2	20	1880	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB2	20	1880	QPSK	100	LOW	13.6GHz-20GHz	Pass
OB2	20	1900	QPSK	100	LOW	30mHz-1GHz	Pass
OB2	20	1900	QPSK	100	LOW	1GHz-7GHz	Pass
OB2	20	1900	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB2	20	1900	QPSK	100	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1850.7	Q16	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1850.7	Q16	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1850.7	Q16	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1850.7	Q16	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1880	Q16	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1880	Q16	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1880	Q16	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1880	Q16	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1909.3	Q16	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1909.3	Q16	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1909.3	Q16	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1909.3	Q16	6	LOW	13.6GHz-20GHz	Pass
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OB2	3	1851.5	Q16	15	LOW	1GHz-7GHz	Pass

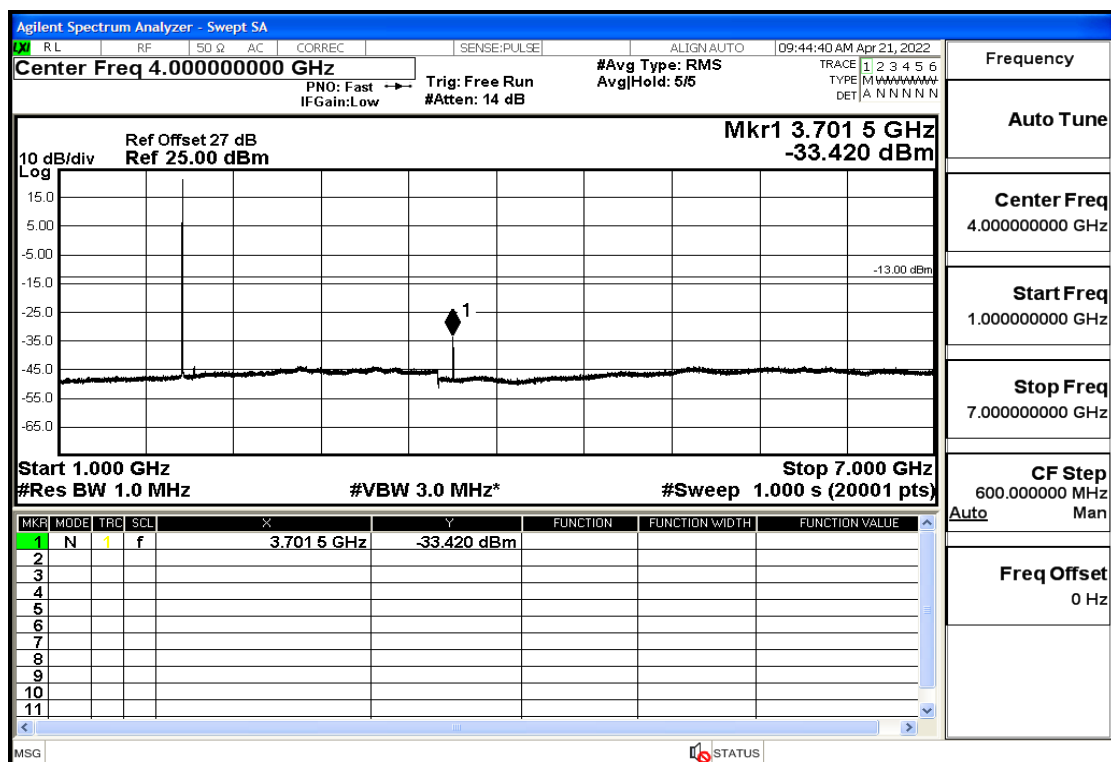
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OB2	3	1851.5	Q16	15	LOW	13.6GHz-20GHz	Pass
OB2	3	1880	Q16	15	LOW	30mHz-1GHz	Pass
OB2	3	1880	Q16	15	LOW	1GHz-7GHz	Pass
OB2	3	1880	Q16	15	LOW	7GHz-13.6GHz	Pass
OB2	3	1880	Q16	15	LOW	13.6GHz-20GHz	Pass
OB2	3	1908.5	Q16	15	LOW	30mHz-1GHz	Pass
OB2	3	1908.5	Q16	15	LOW	1GHz-7GHz	Pass
OB2	3	1908.5	Q16	15	LOW	7GHz-13.6GHz	Pass
OB2	3	1908.5	Q16	15	LOW	13.6GHz-20GHz	Pass
OB2	5	1852.5	Q16	25	LOW	30mHz-1GHz	Pass
OB2	5	1852.5	Q16	25	LOW	1GHz-7GHz	Pass
OB2	5	1852.5	Q16	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1852.5	Q16	25	LOW	13.6GHz-20GHz	Pass
OB2	5	1880	Q16	25	LOW	30mHz-1GHz	Pass
OB2	5	1880	Q16	25	LOW	1GHz-7GHz	Pass
OB2	5	1880	Q16	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1880	Q16	25	LOW	13.6GHz-20GHz	Pass
OB2	5	1907.5	Q16	25	LOW	30mHz-1GHz	Pass
OB2	5	1907.5	Q16	25	LOW	1GHz-7GHz	Pass
OB2	5	1907.5	Q16	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1907.5	Q16	25	LOW	13.6GHz-20GHz	Pass
OB2	10	1855	Q16	50	LOW	30mHz-1GHz	Pass
OB2	10	1855	Q16	50	LOW	1GHz-7GHz	Pass
OB2	10	1855	Q16	50	LOW	7GHz-13.6GHz	Pass
OB2	10	1855	Q16	50	LOW	13.6GHz-20GHz	Pass
OB2	10	1880	Q16	50	LOW	30mHz-1GHz	Pass
OB2	10	1880	Q16	50	LOW	1GHz-7GHz	Pass
OB2	10	1880	Q16	50	LOW	7GHz-13.6GHz	Pass
OB2	10	1880	Q16	50	LOW	13.6GHz-20GHz	Pass
OB2	10	1905	Q16	50	LOW	30mHz-1GHz	Pass
OB2	10	1905	Q16	50	LOW	1GHz-7GHz	Pass
OB2	10	1905	Q16	50	LOW	7GHz-13.6GHz	Pass
OB2	10	1905	Q16	50	LOW	13.6GHz-20GHz	Pass
OB2	15	1857.5	Q16	75	LOW	30mHz-1GHz	Pass
OB2	15	1857.5	Q16	75	LOW	1GHz-7GHz	Pass
OB2	15	1857.5	Q16	75	LOW	7GHz-13.6GHz	Pass
OB2	15	1857.5	Q16	75	LOW	13.6GHz-20GHz	Pass
OB2	15	1880	Q16	75	LOW	30mHz-1GHz	Pass
OB2	15	1880	Q16	75	LOW	1GHz-7GHz	Pass
OB2	15	1880	Q16	75	LOW	7GHz-13.6GHz	Pass
OB2	15	1880	Q16	75	LOW	13.6GHz-20GHz	Pass
OB2	15	1902.5	Q16	75	LOW	30mHz-1GHz	Pass
OB2	15	1902.5	Q16	75	LOW	1GHz-7GHz	Pass
OB2	15	1902.5	Q16	75	LOW	7GHz-13.6GHz	Pass
OB2	15	1902.5	Q16	75	LOW	13.6GHz-20GHz	Pass

OB2	20	1860	Q16	100	LOW	30mHz-1GHz	Pass
OB2	20	1860	Q16	100	LOW	1GHz-7GHz	Pass
OB2	20	1860	Q16	100	LOW	7GHz-13.6GHz	Pass
OB2	20	1860	Q16	100	LOW	13.6GHz-20GHz	Pass
OB2	20	1880	Q16	100	LOW	30mHz-1GHz	Pass
OB2	20	1880	Q16	100	LOW	1GHz-7GHz	Pass
OB2	20	1880	Q16	100	LOW	7GHz-13.6GHz	Pass
OB2	20	1880	Q16	100	LOW	13.6GHz-20GHz	Pass
OB2	20	1900	Q16	100	LOW	30mHz-1GHz	Pass
OB2	20	1900	Q16	100	LOW	1GHz-7GHz	Pass
OB2	20	1900	Q16	100	LOW	7GHz-13.6GHz	Pass
OB2	20	1900	Q16	100	LOW	13.6GHz-20GHz	Pass

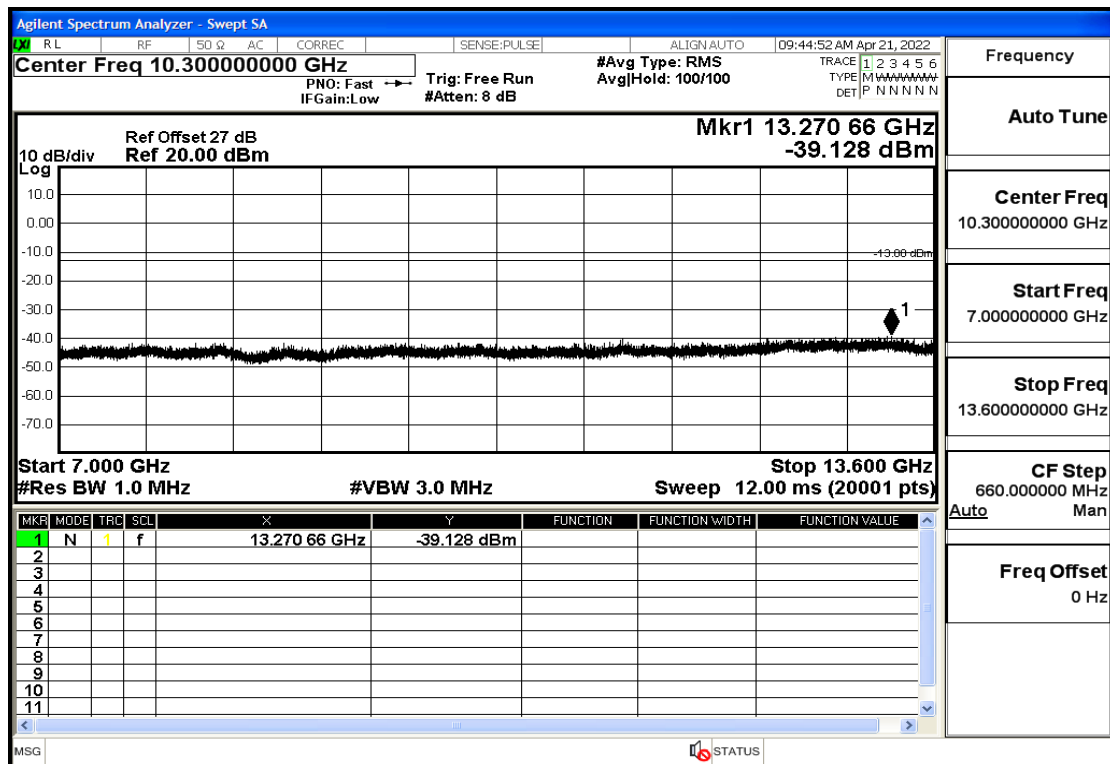
OB2-1.4-1850.7-QPSK-6#LOW@30mHz-1GHz@Pass



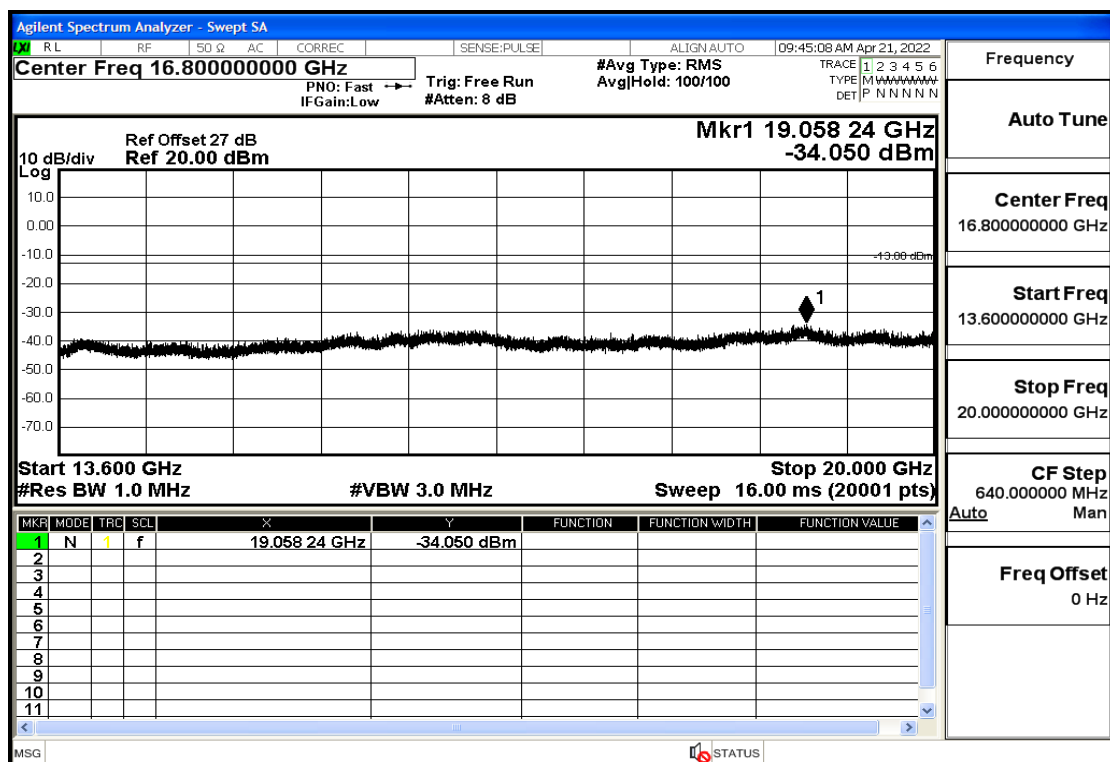
OB2-1.4-1850.7-QPSK-6#LOW@1GHz-7GHz@Pass



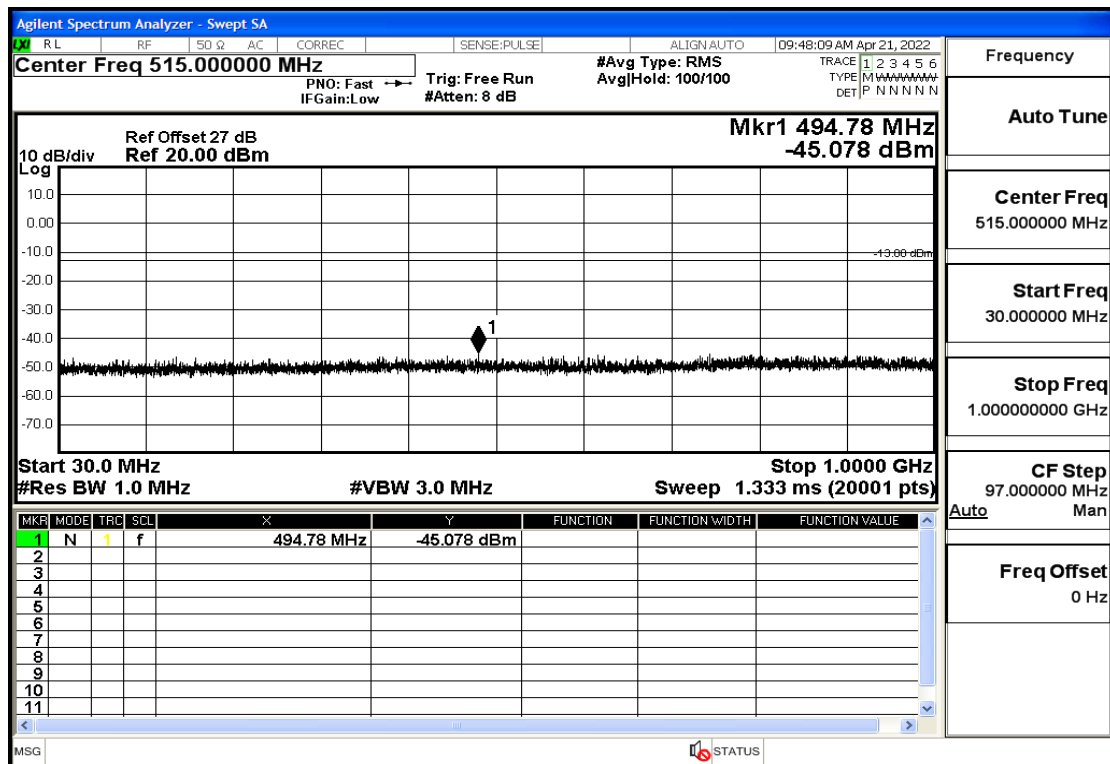
OB2-1.4-1850.7-QPSK-6#LOW@7GHz-13.6GHz@Pass



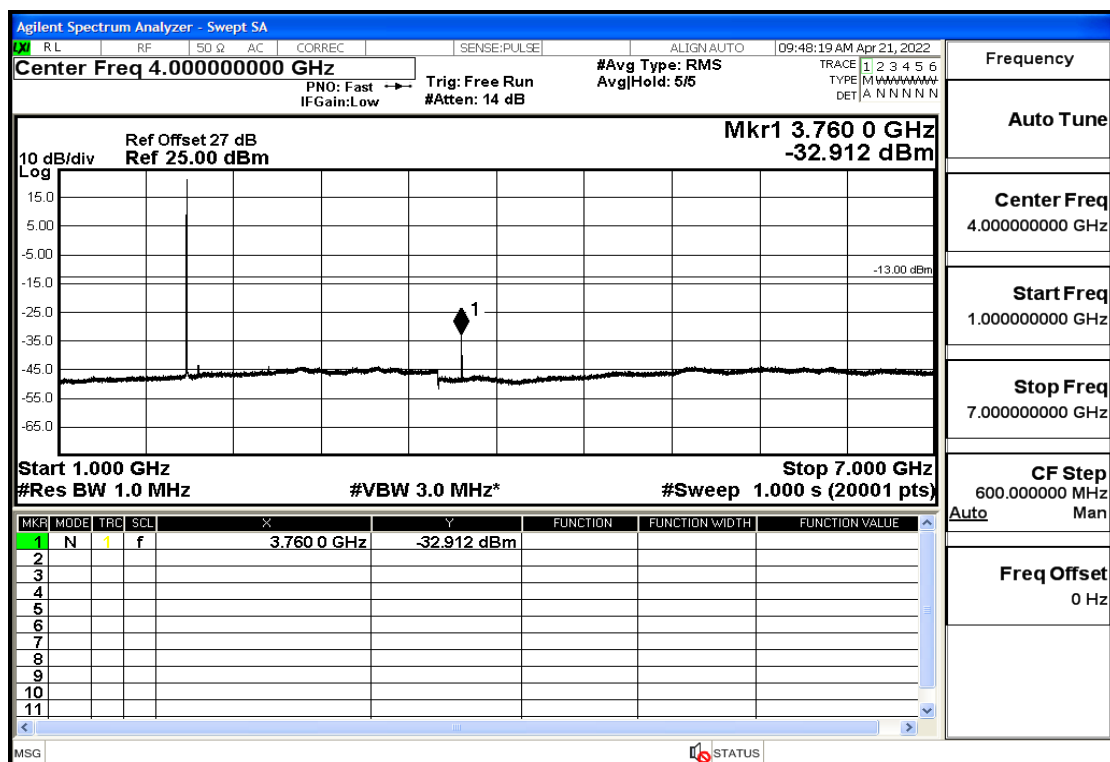
OB2-1.4-1850.7-QPSK-6#LOW@13.6GHz-20GHz@Pass



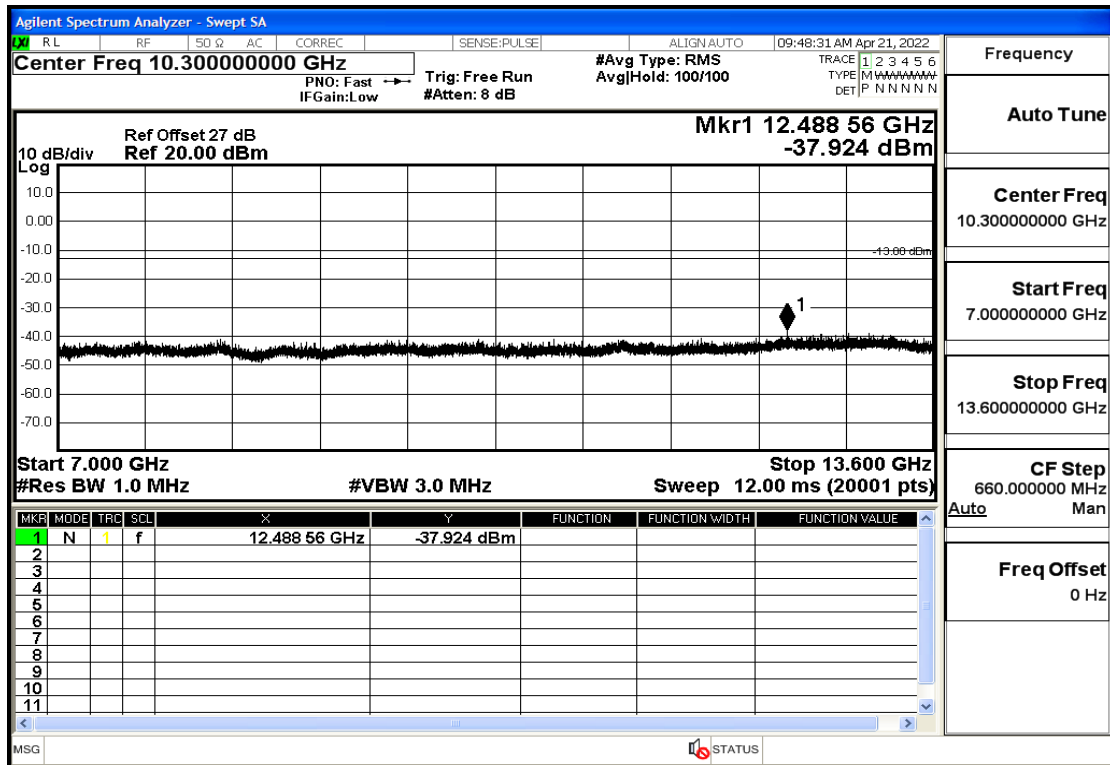
OB2-1.4-1880-QPSK-6#LOW@30mHz-1GHz@Pass



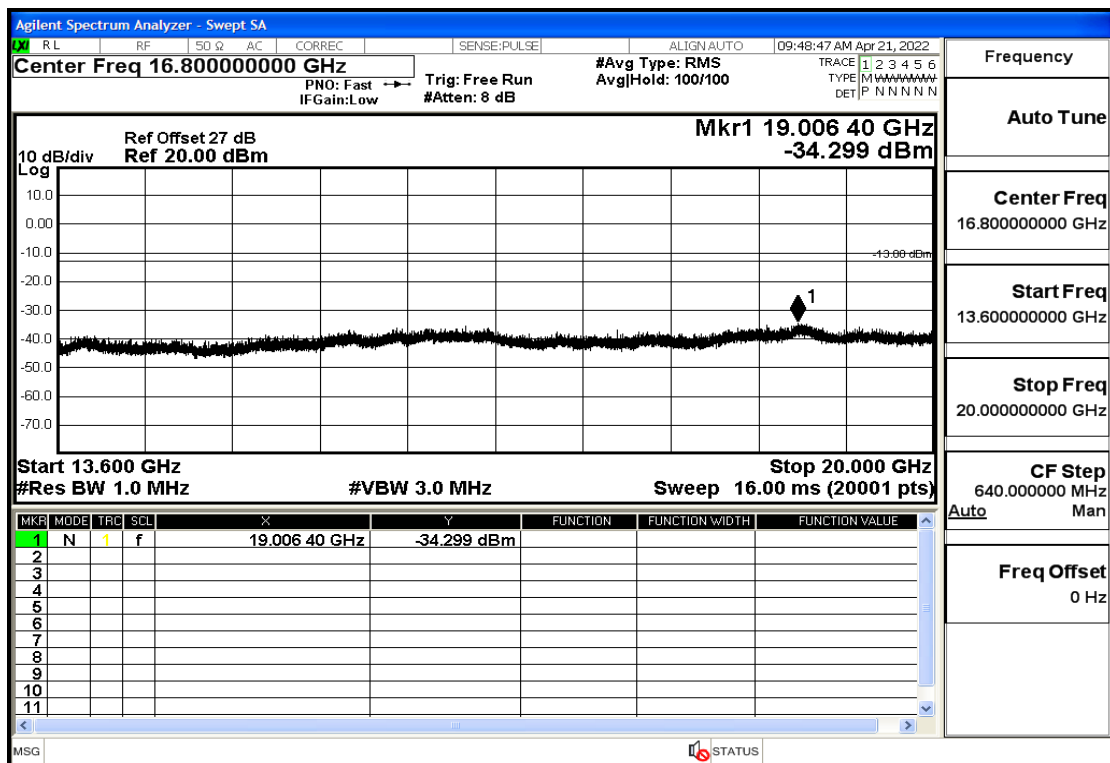
OB2-1.4-1880-QPSK-6#LOW@1GHz-7GHz@Pass



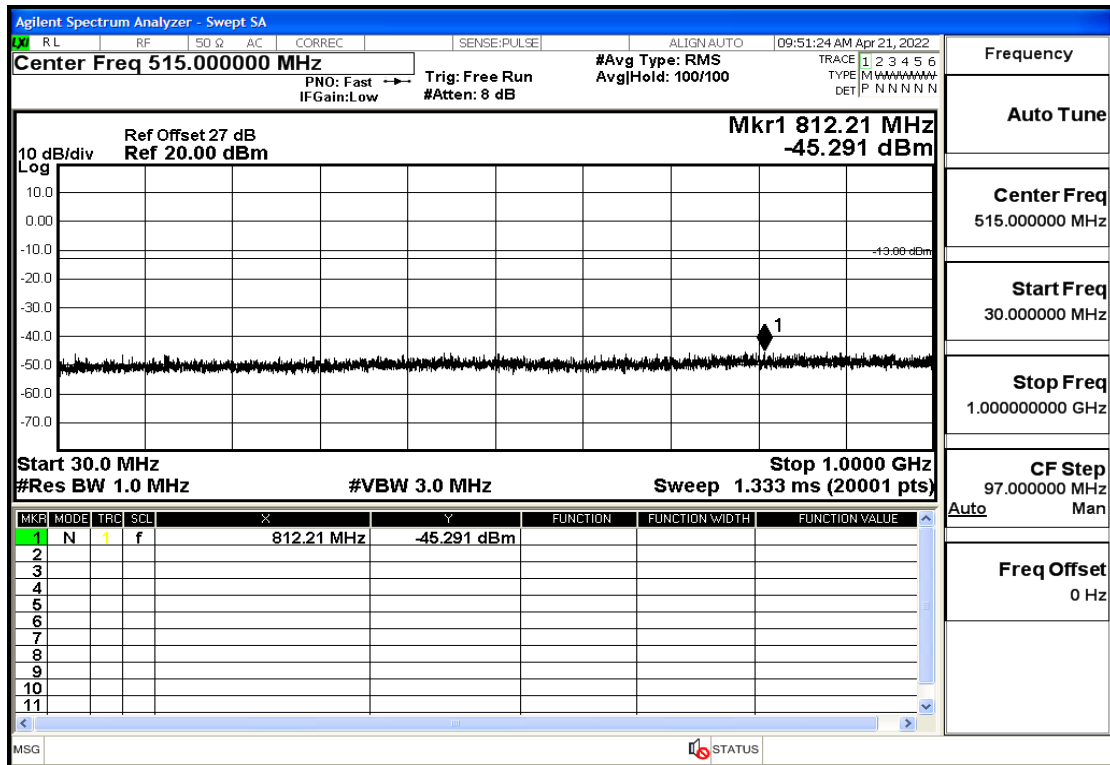
OB2-1.4-1880-QPSK-6#LOW@7GHz-13.6GHz@Pass



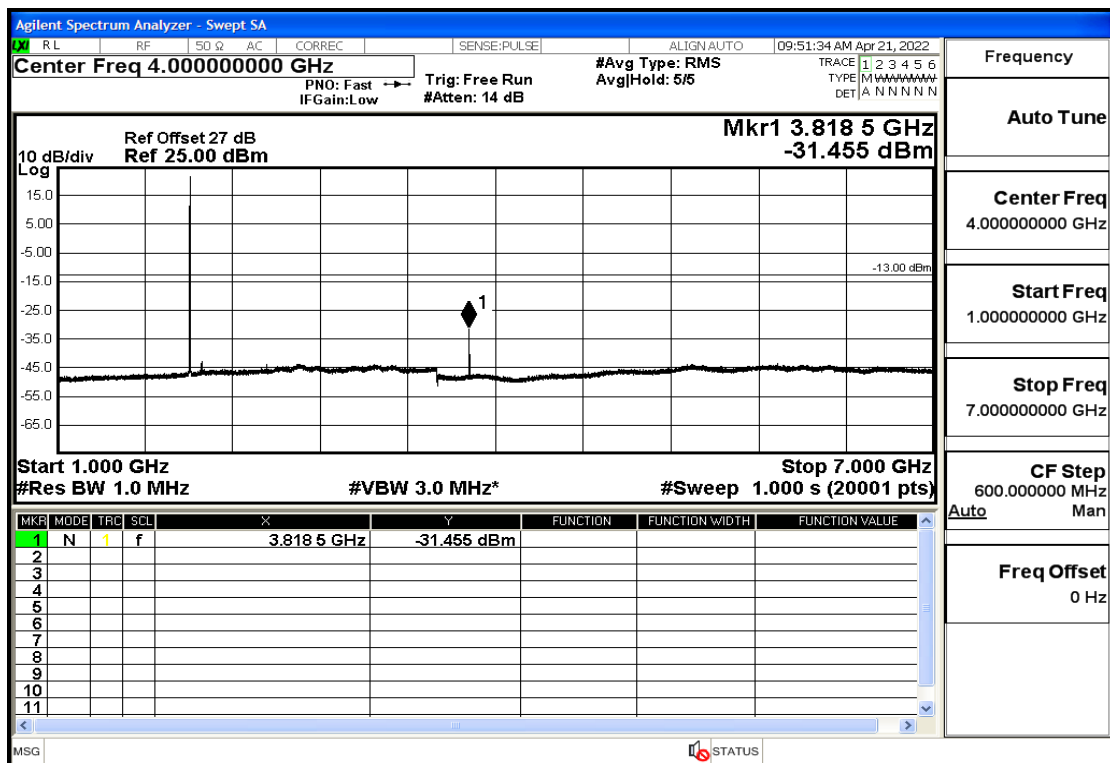
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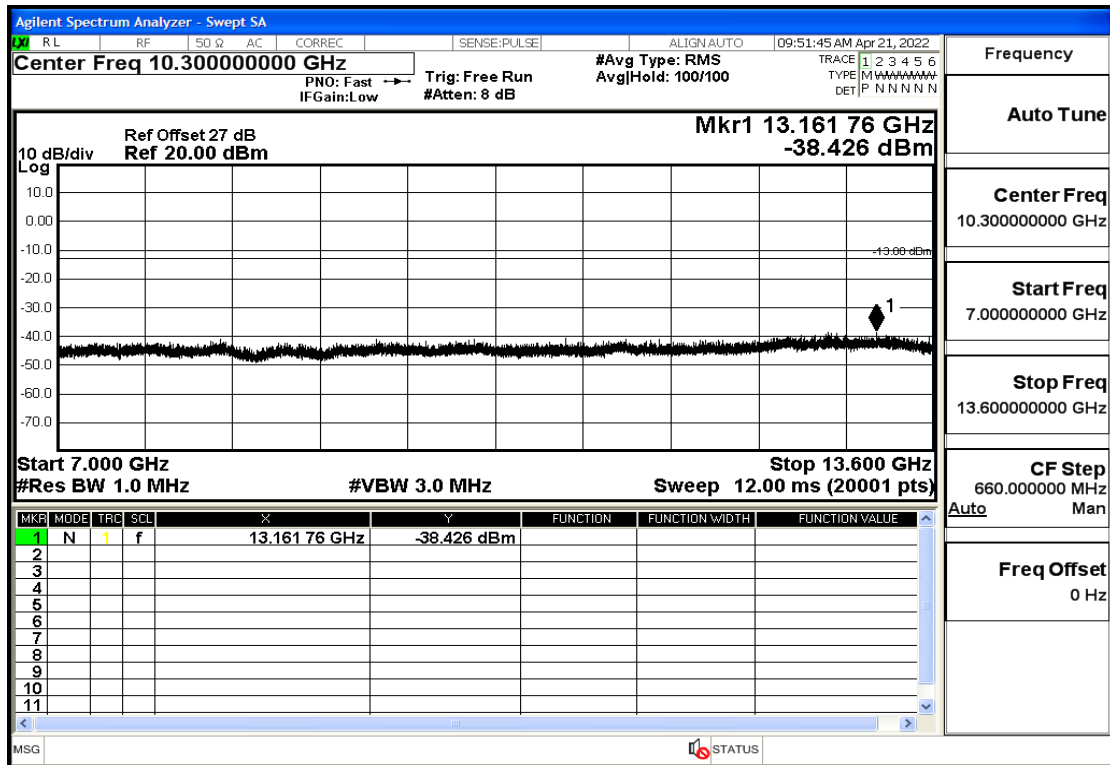
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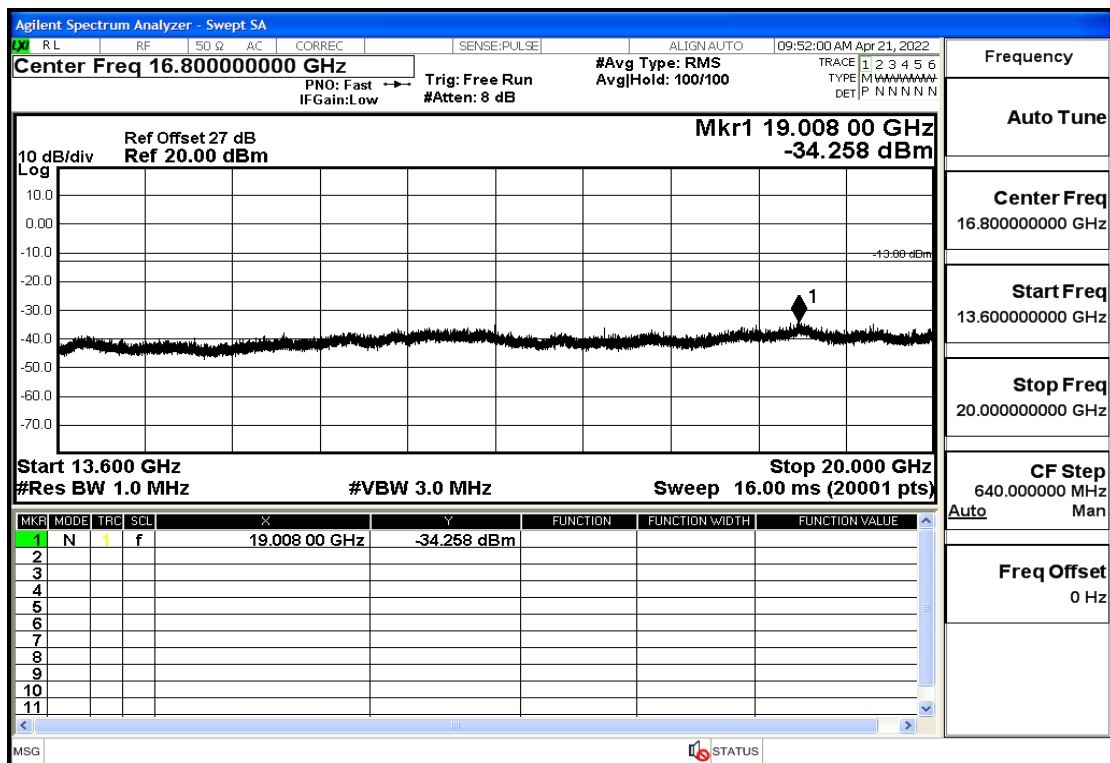
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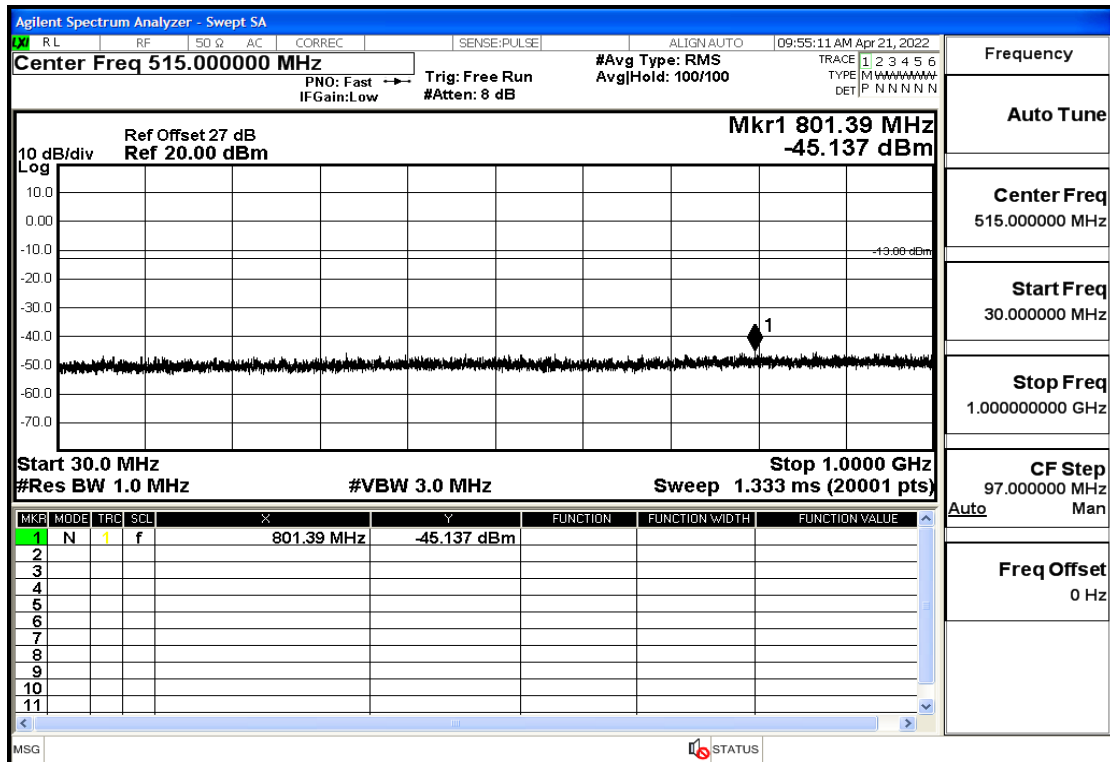
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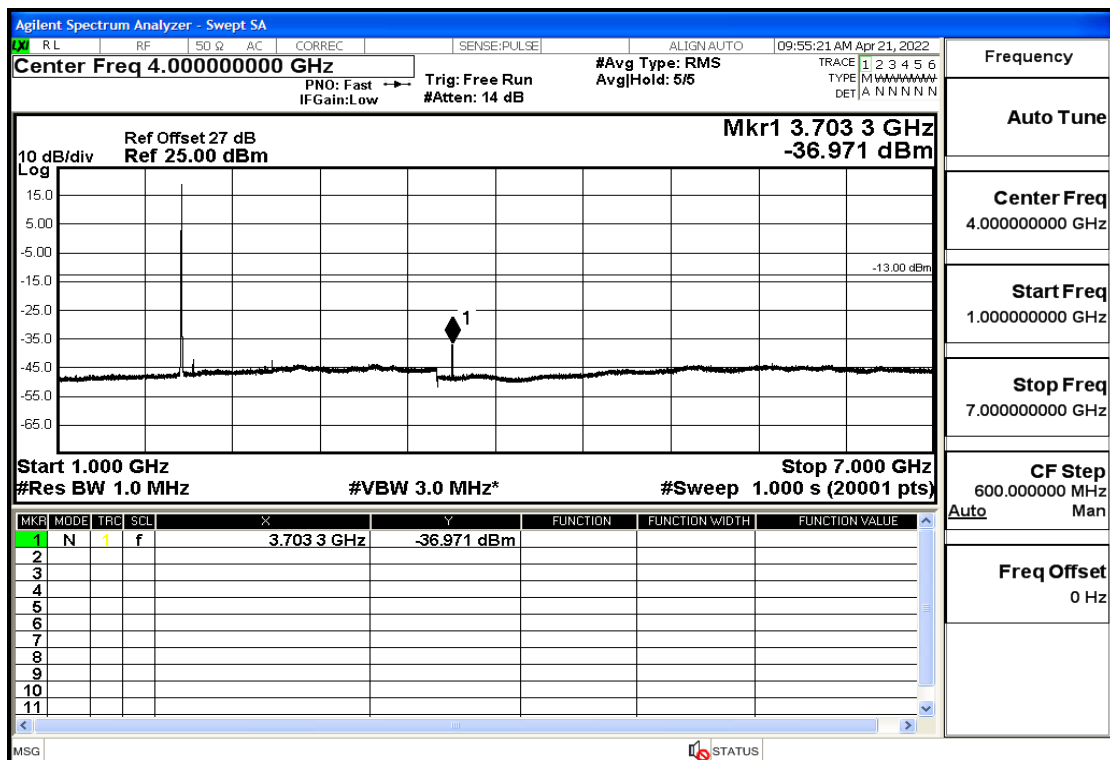
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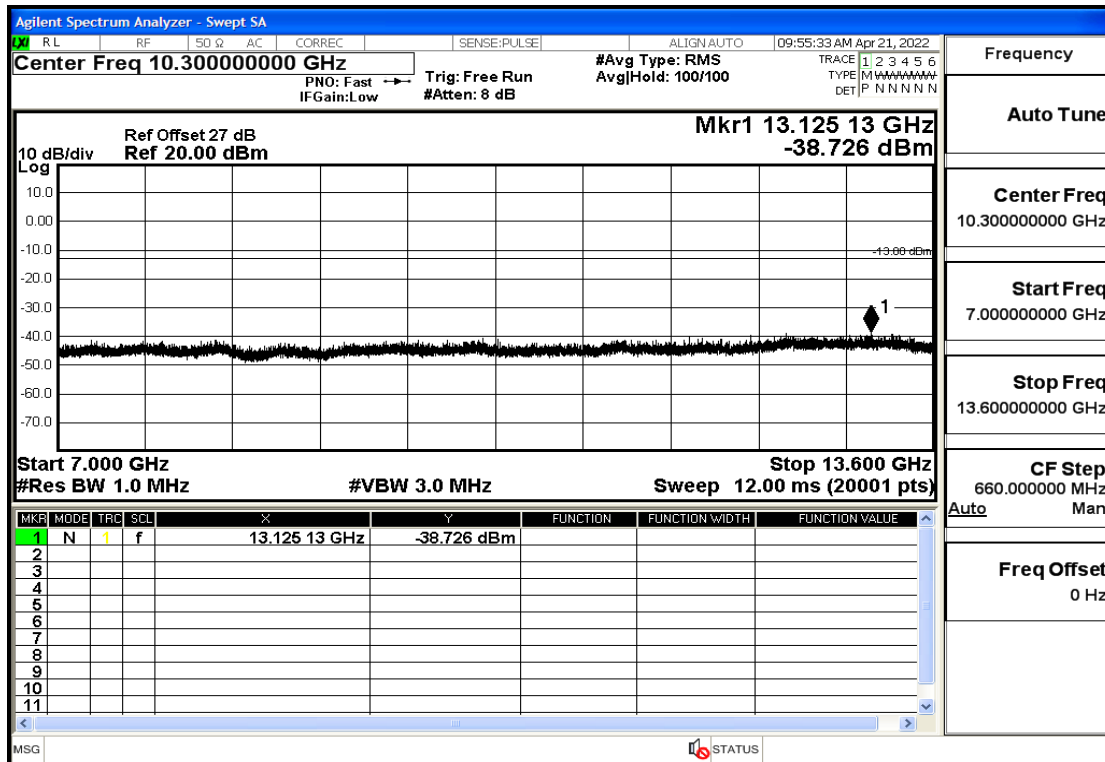
OB2-3-1851.5-QPSK-15#LOW@30MHz-1GHz@Pass



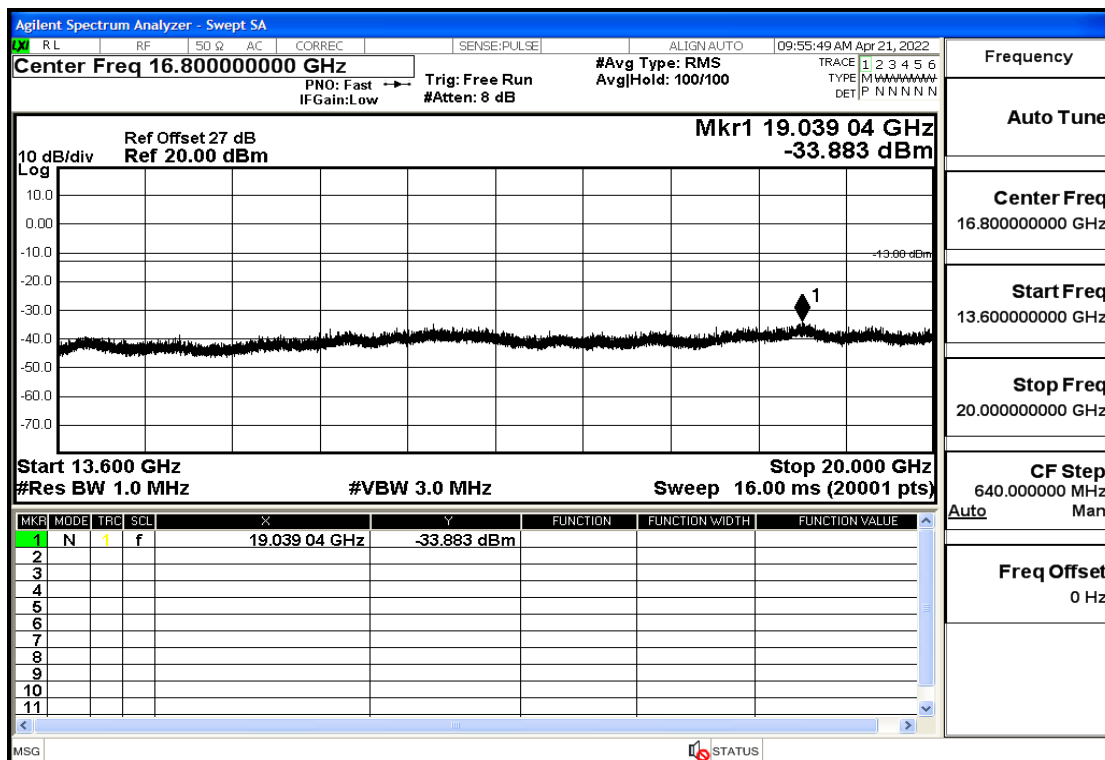
OB2-3-1851.5-QPSK-15#LOW@1GHz-7GHz@Pass



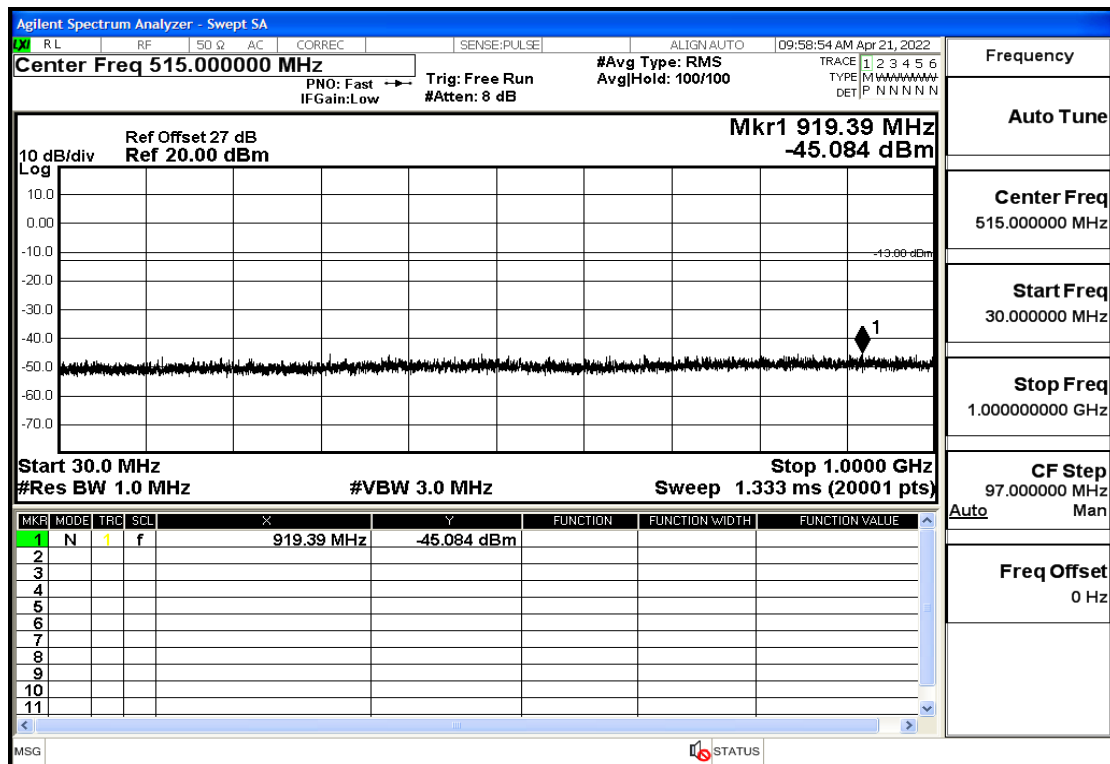
OB2-3-1851.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



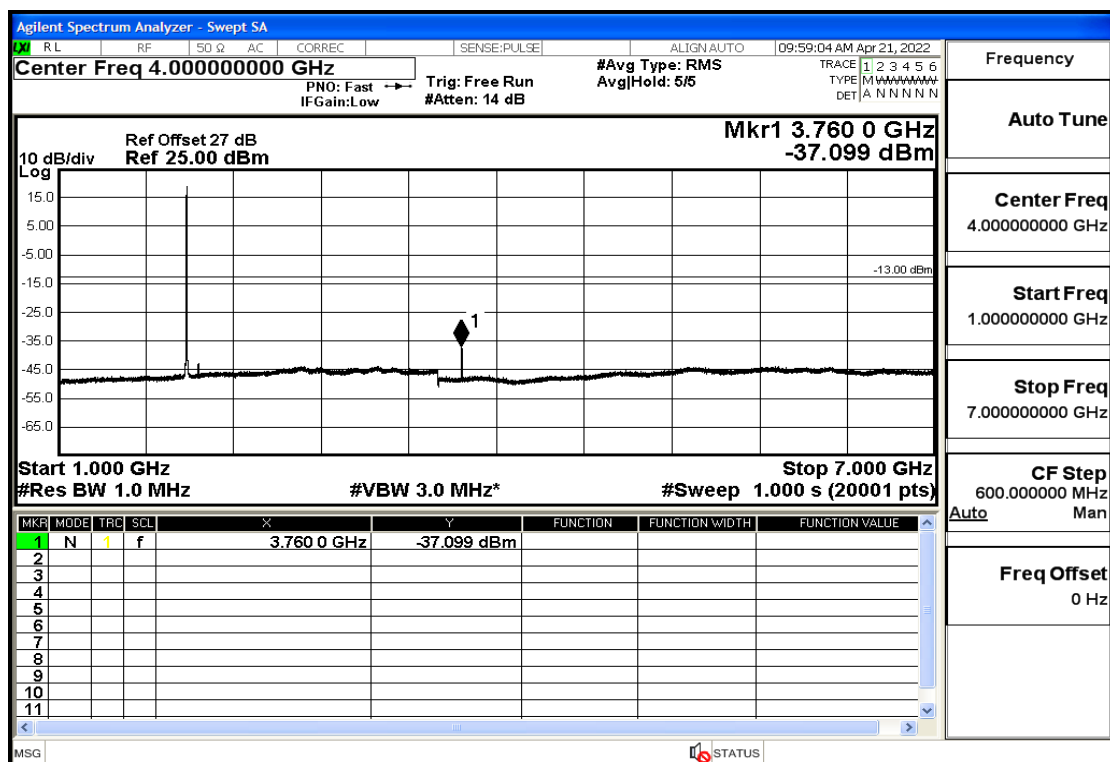
OB2-3-1851.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



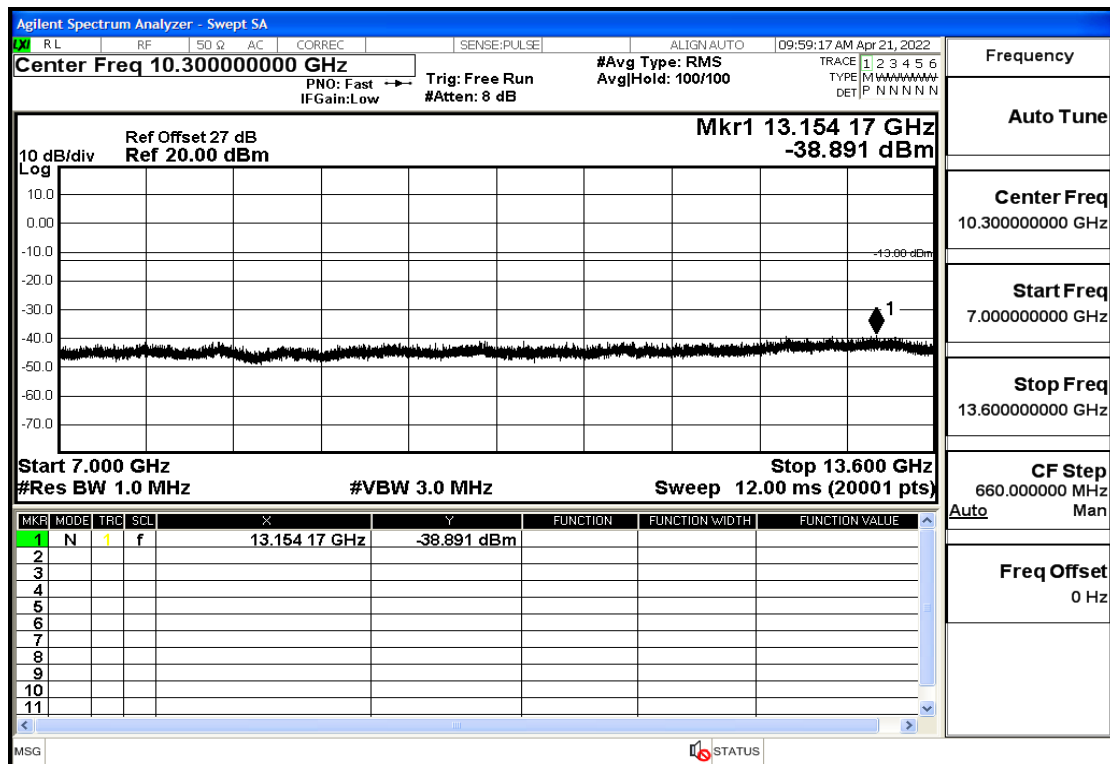
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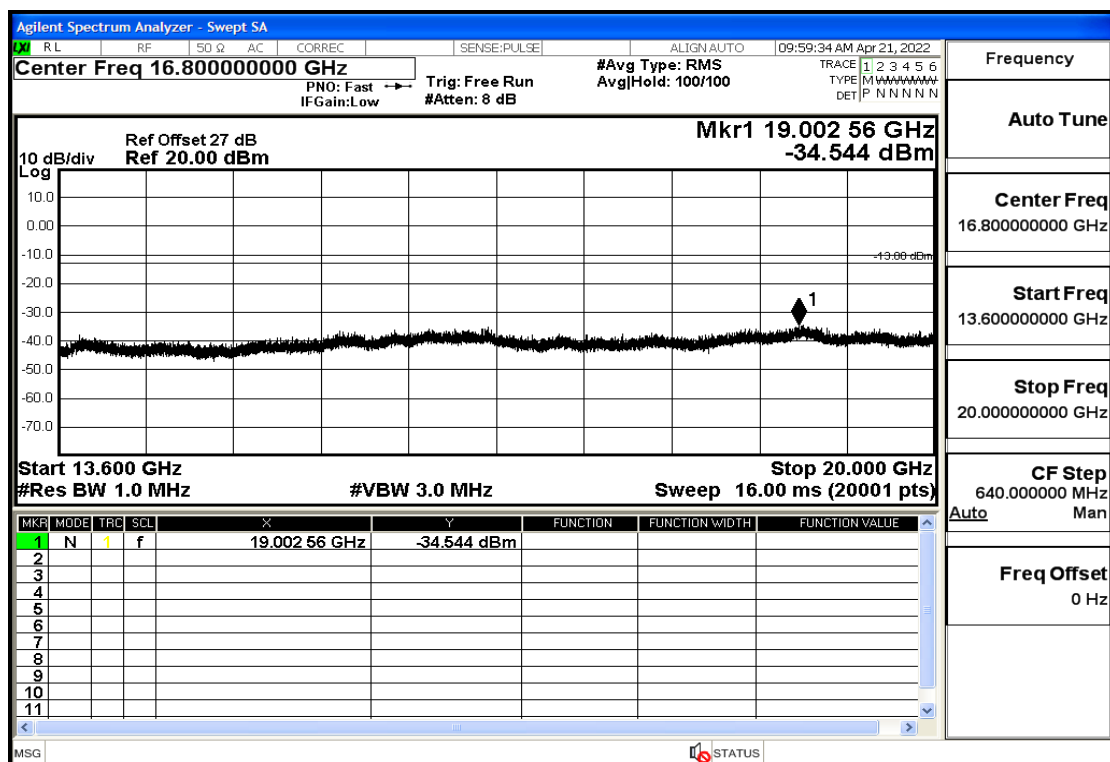
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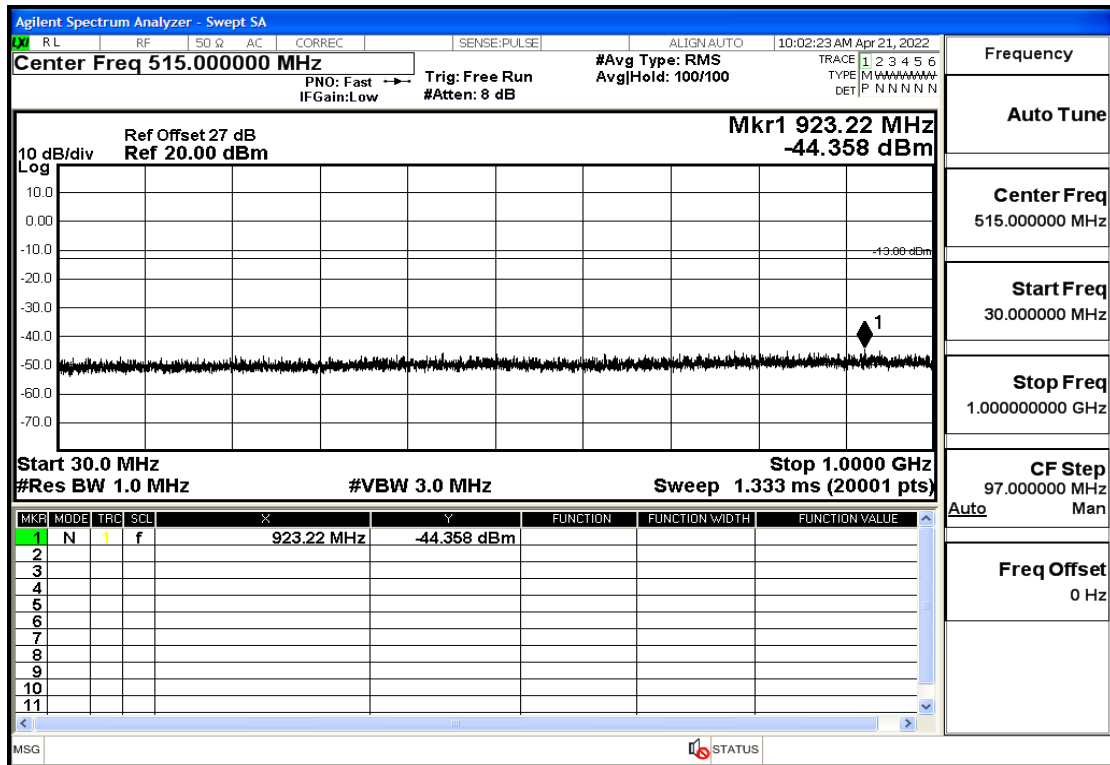
OB2-3-1880-QPSK-15#LOW@7GHz-13.6GHz@Pass



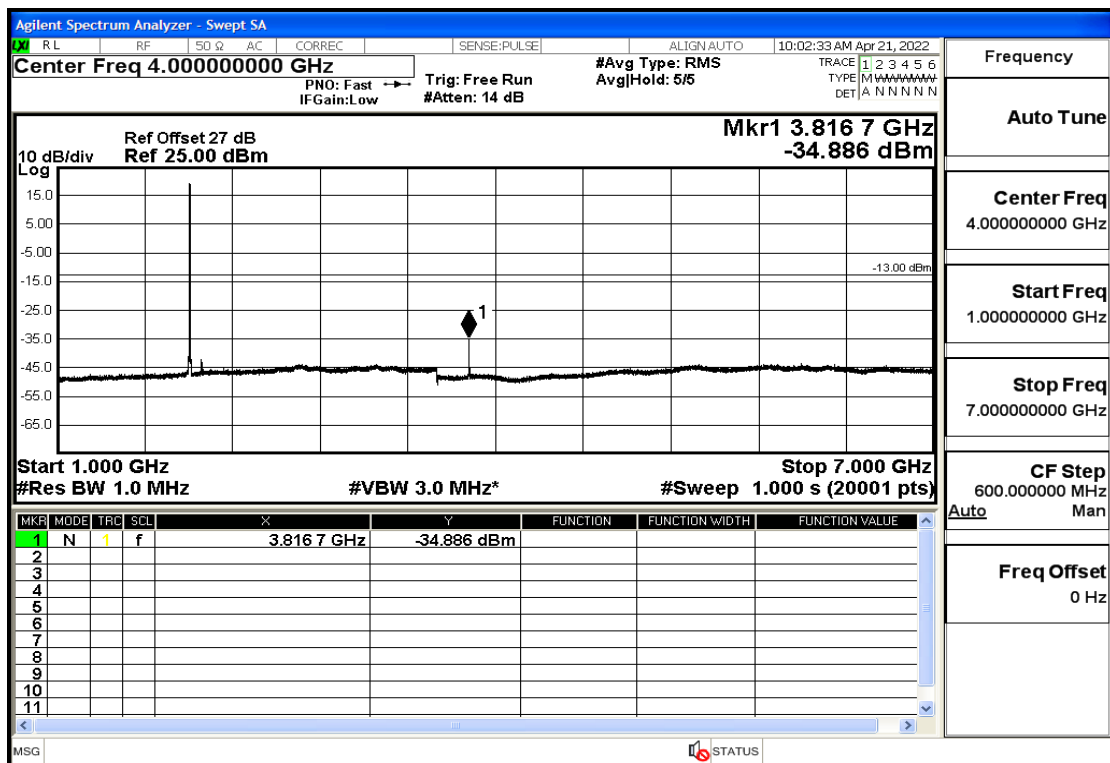
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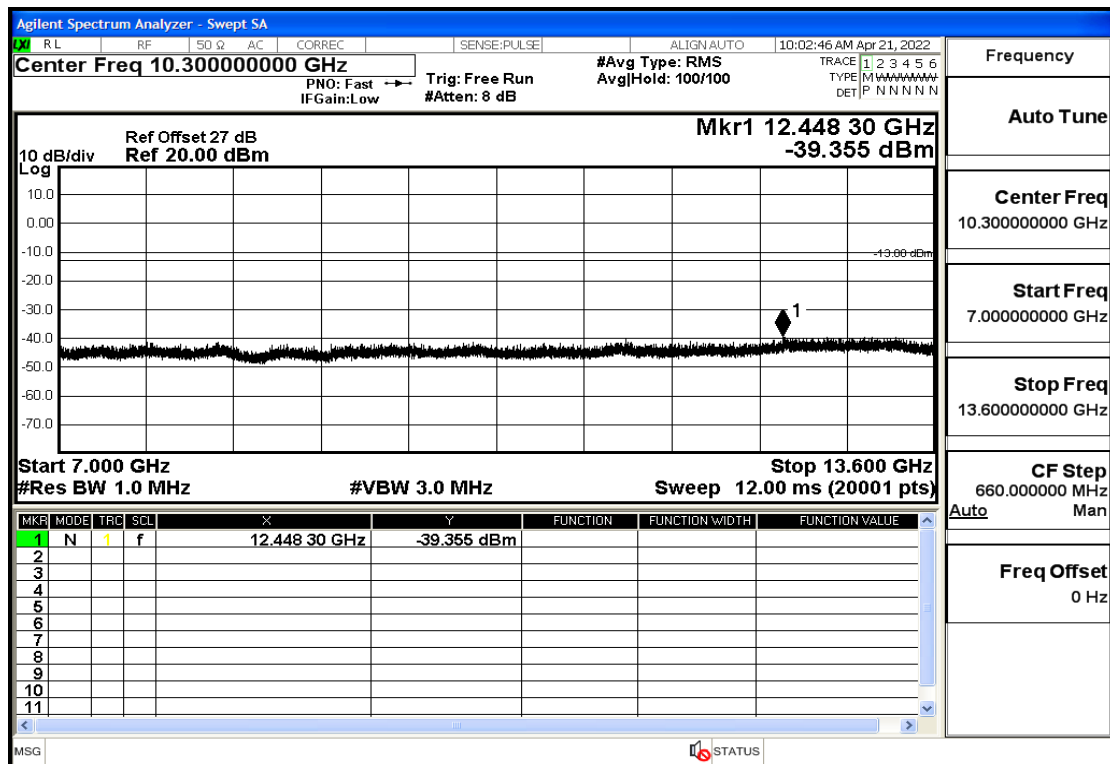
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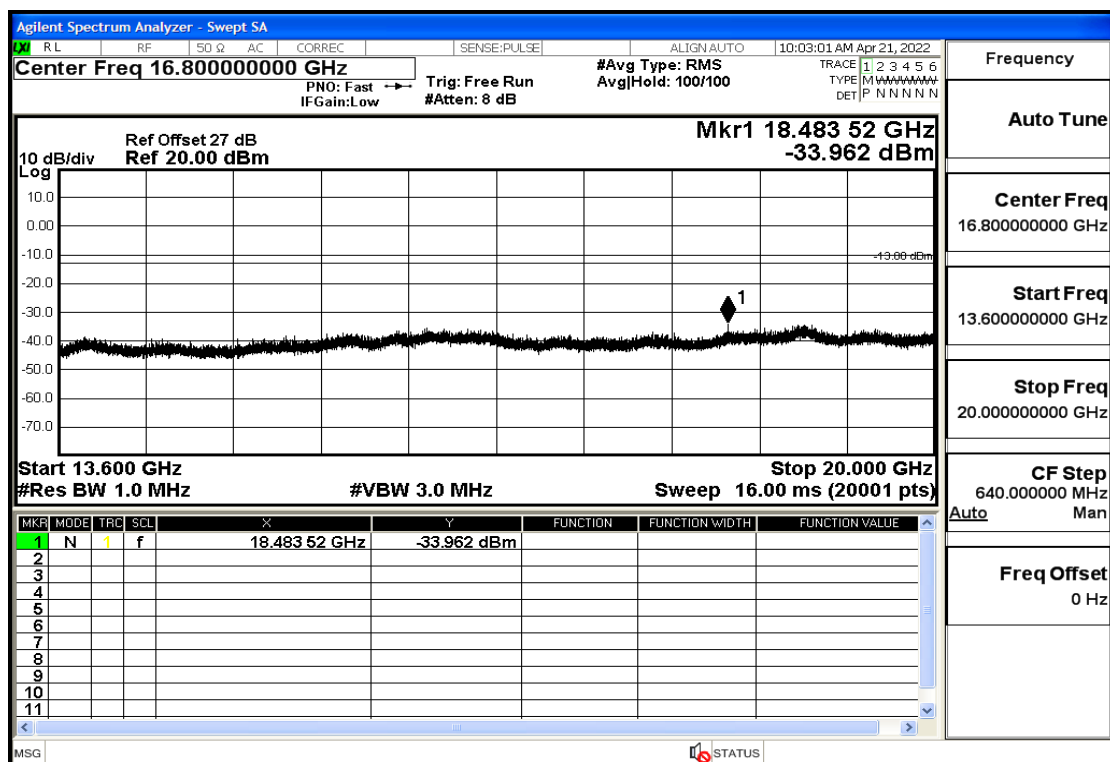
OB2-3-1908.5-QPSK-15#LOW@1GHz-7GHz@Pass



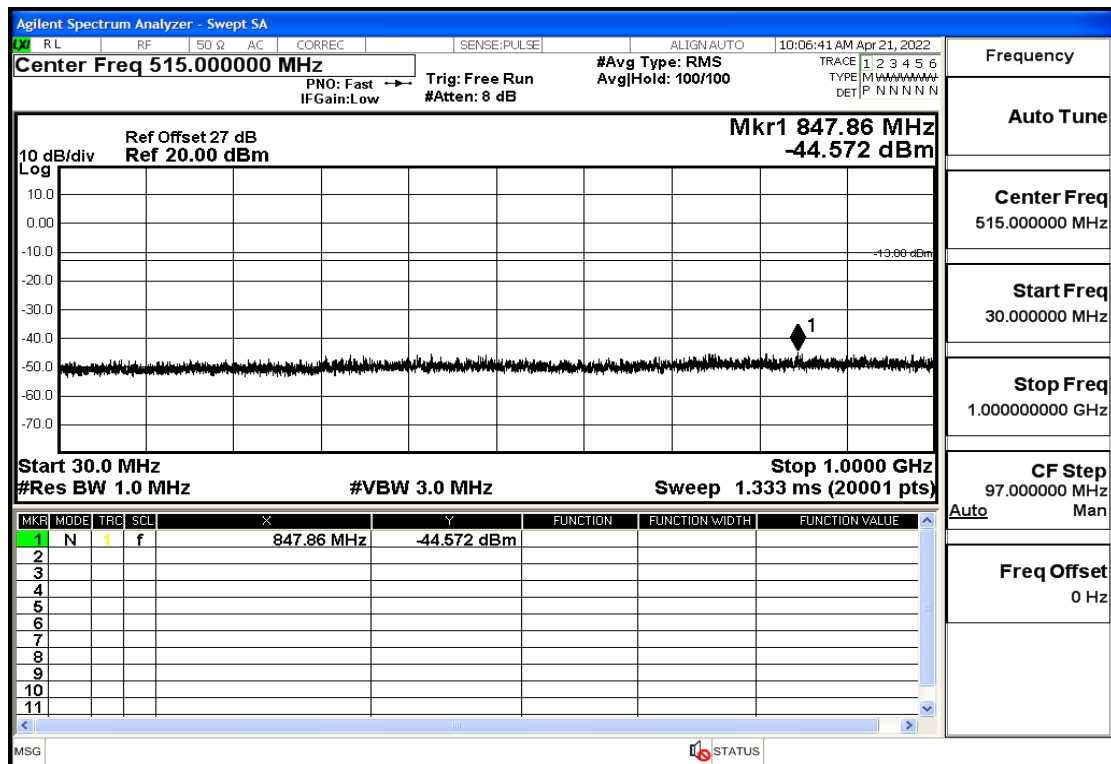
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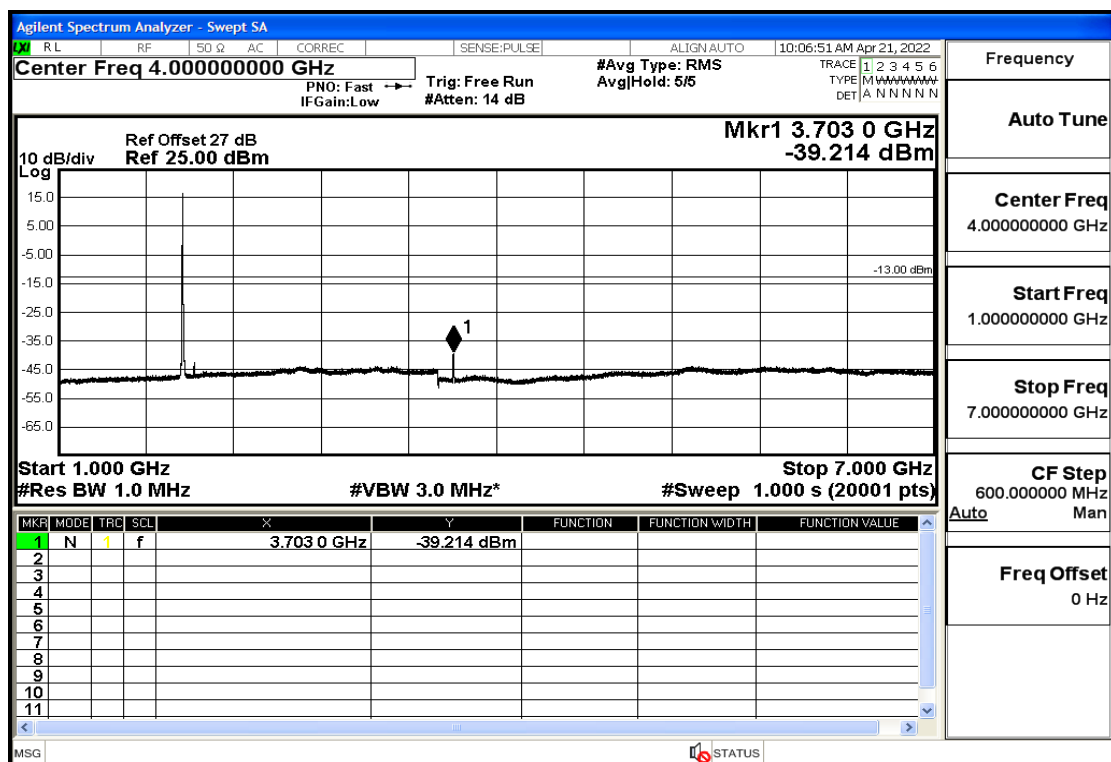
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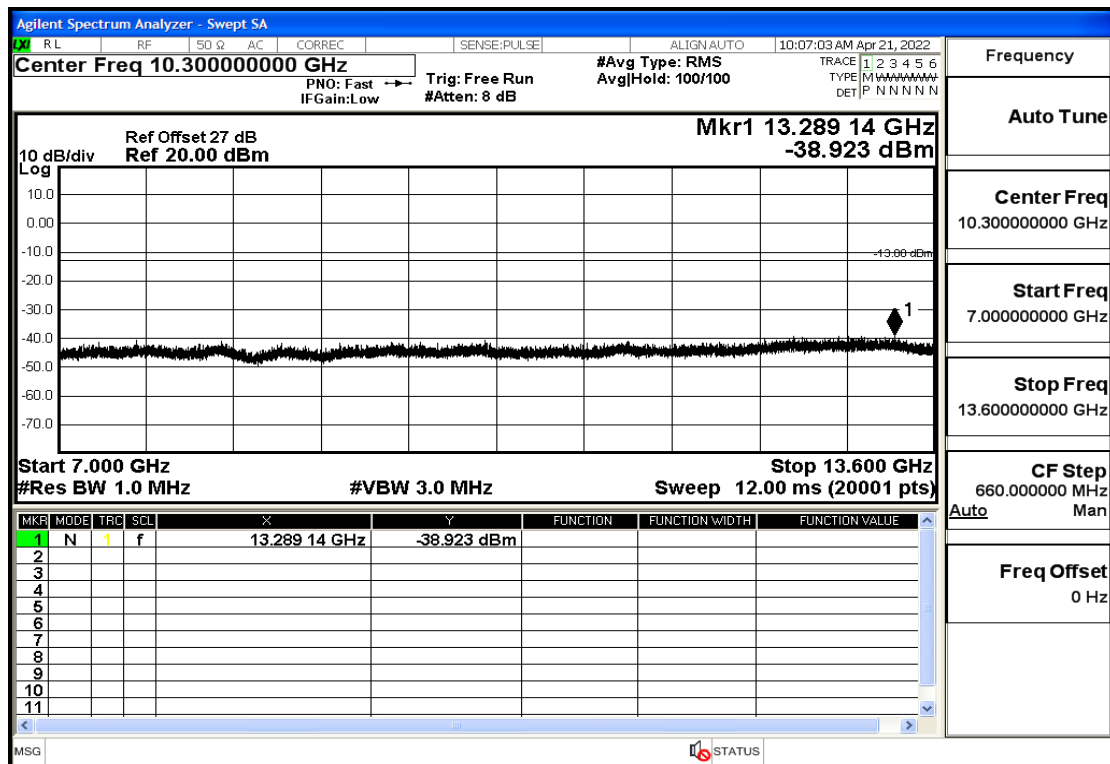
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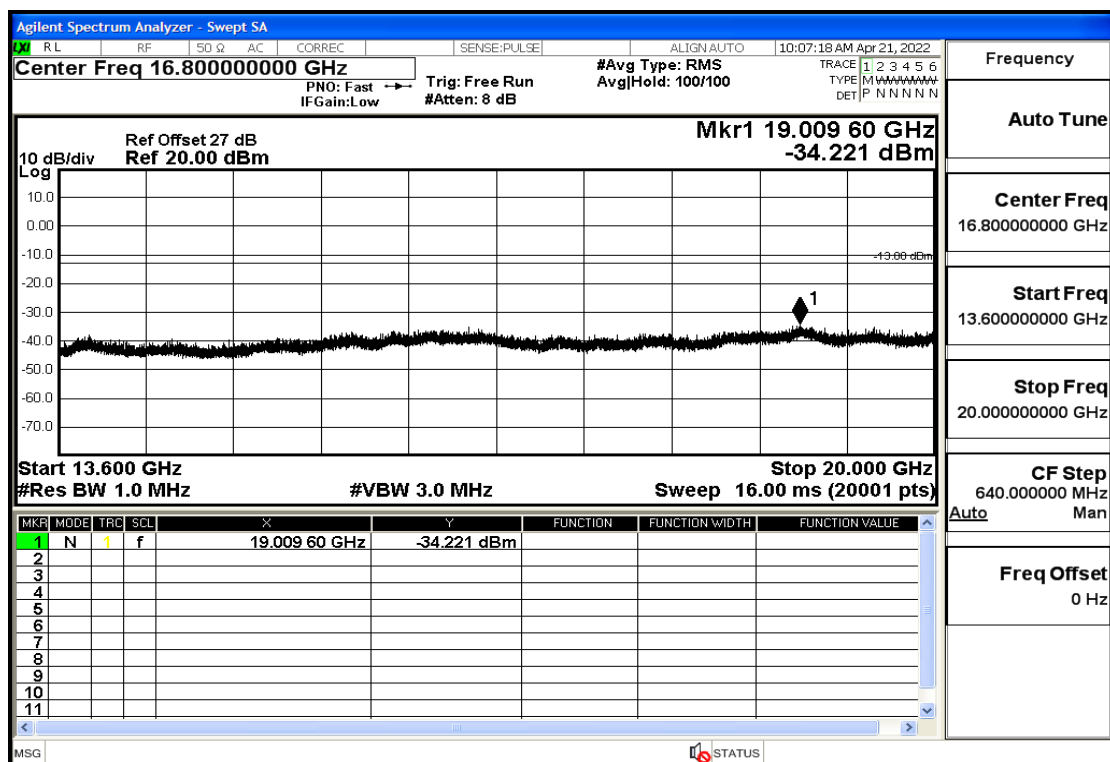
OB2-5-1852.5-QPSK-25#LOW@1GHz-7GHz@Pass



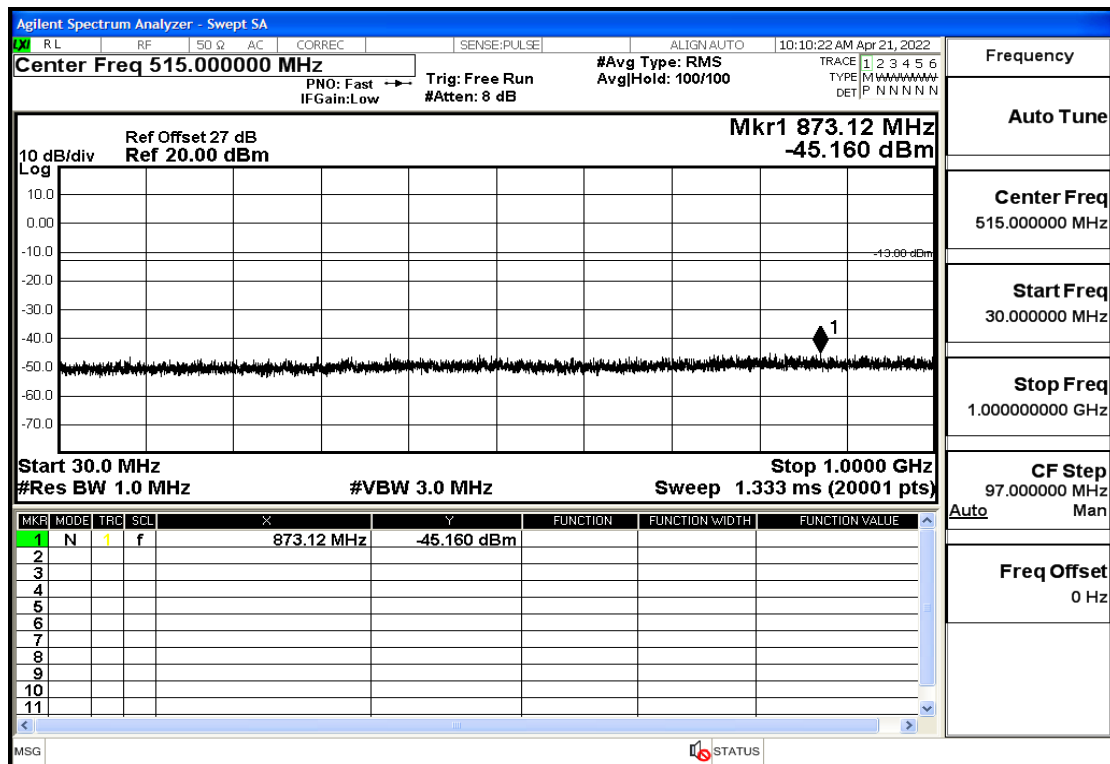
OB2-5-1852.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



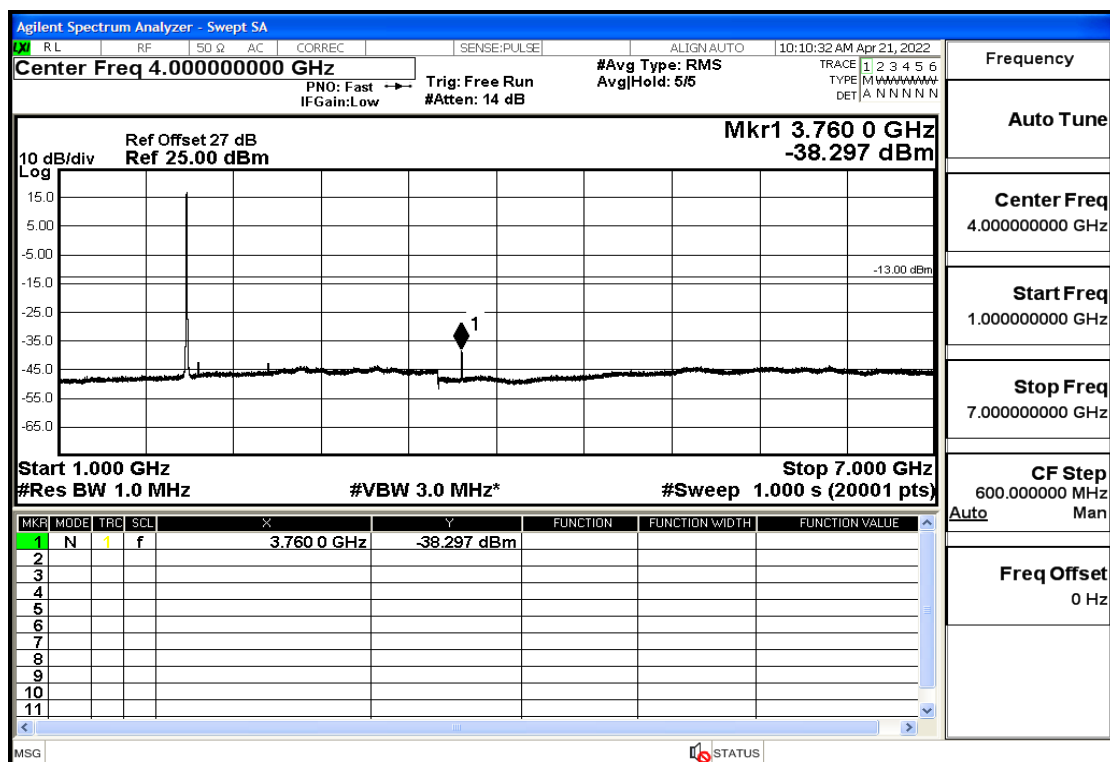
OB2-5-1852.5-QPSK-25#LOW@13.6GHz-20GHz@Pass



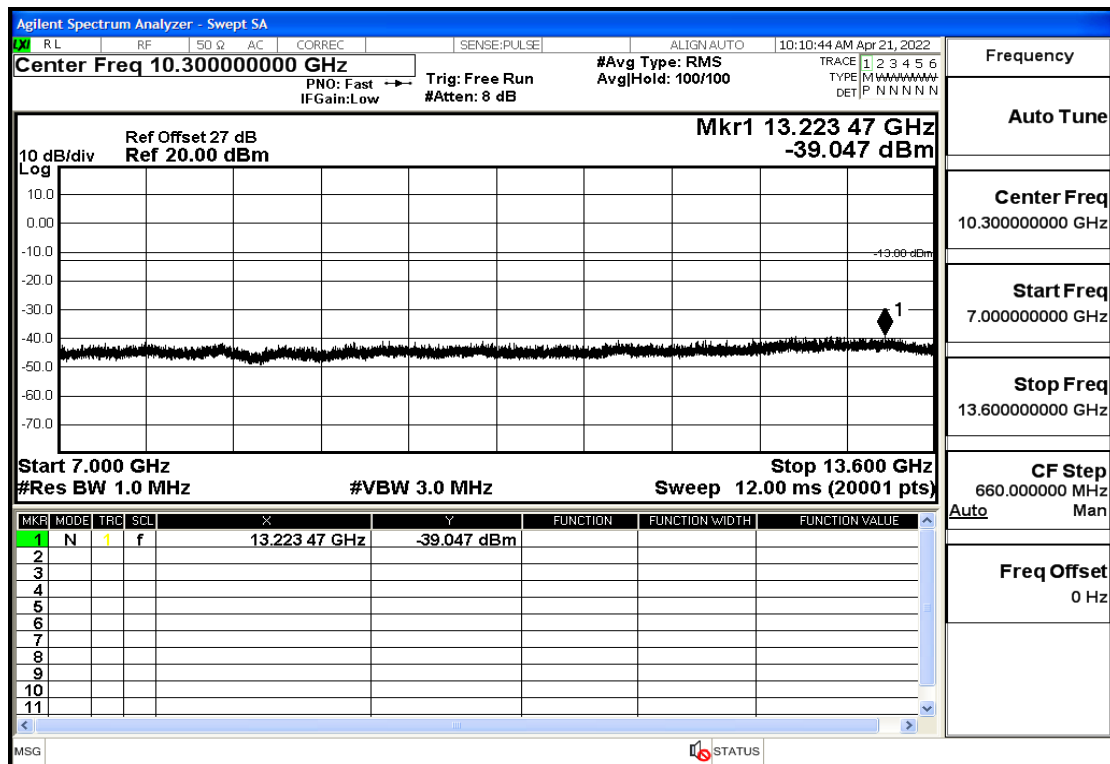
OB2-5-1880-QPSK-25#LOW@30mHz-1GHz@Pass



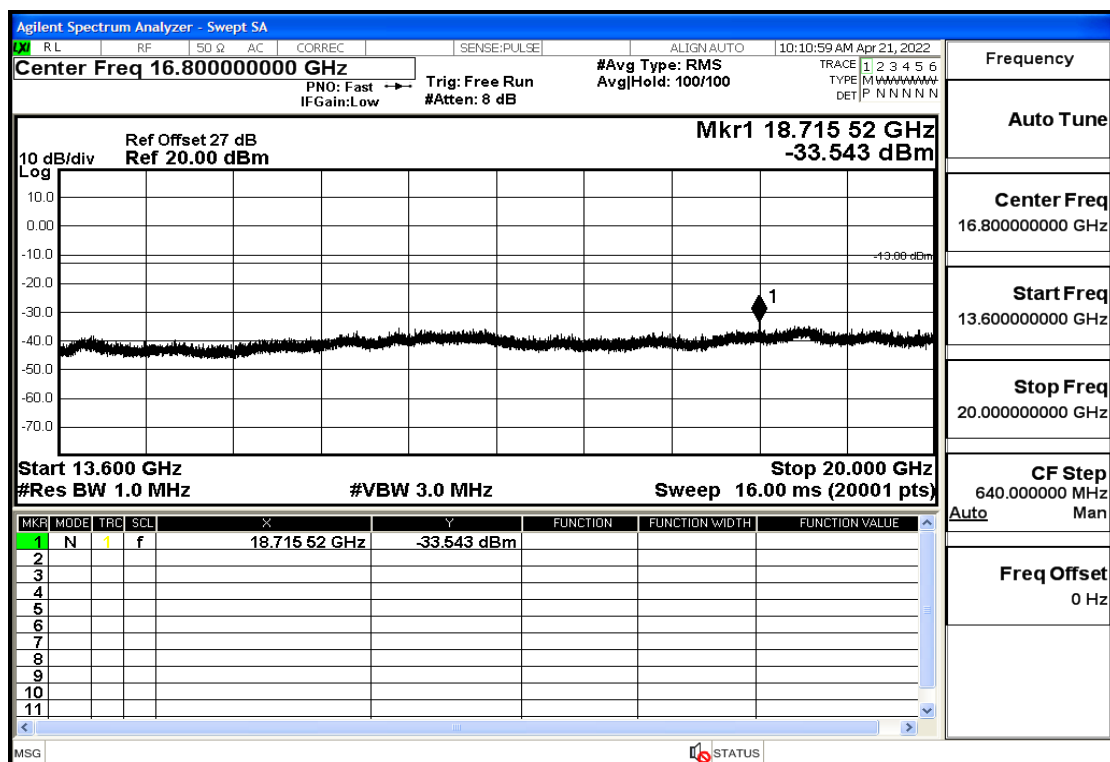
OB2-5-1880-QPSK-25#LOW@1GHz-7GHz@Pass



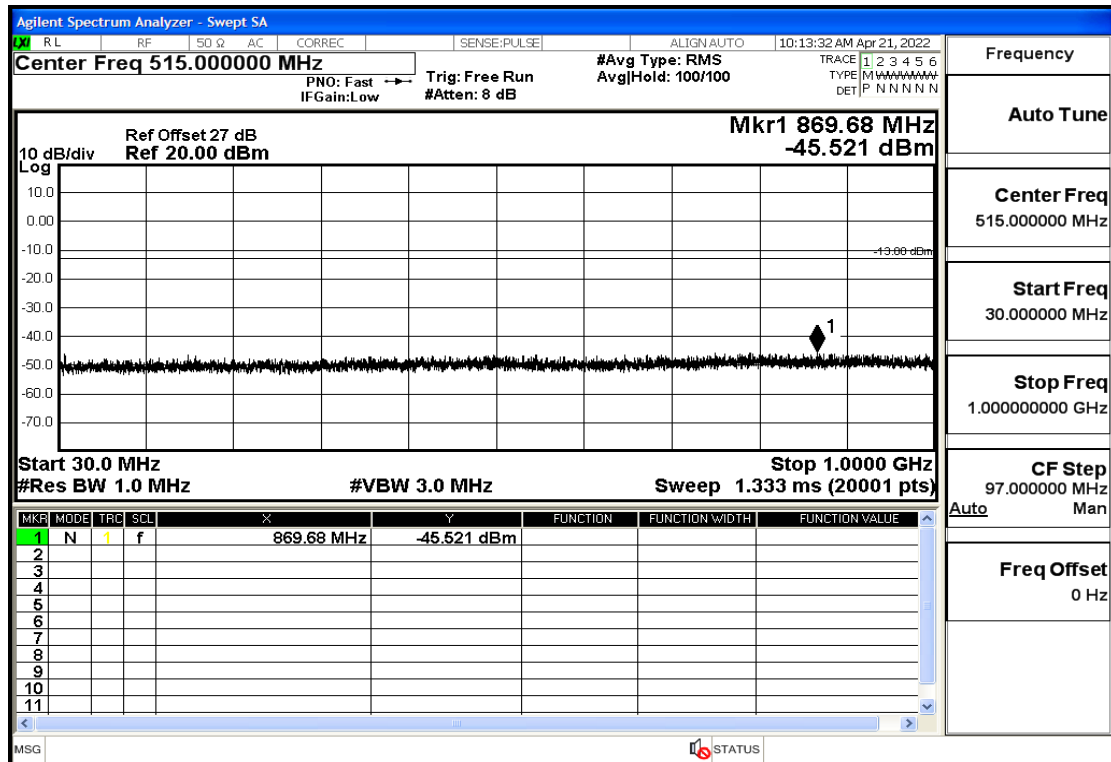
OB2-5-1880-QPSK-25#LOW@7GHz-13.6GHz@Pass



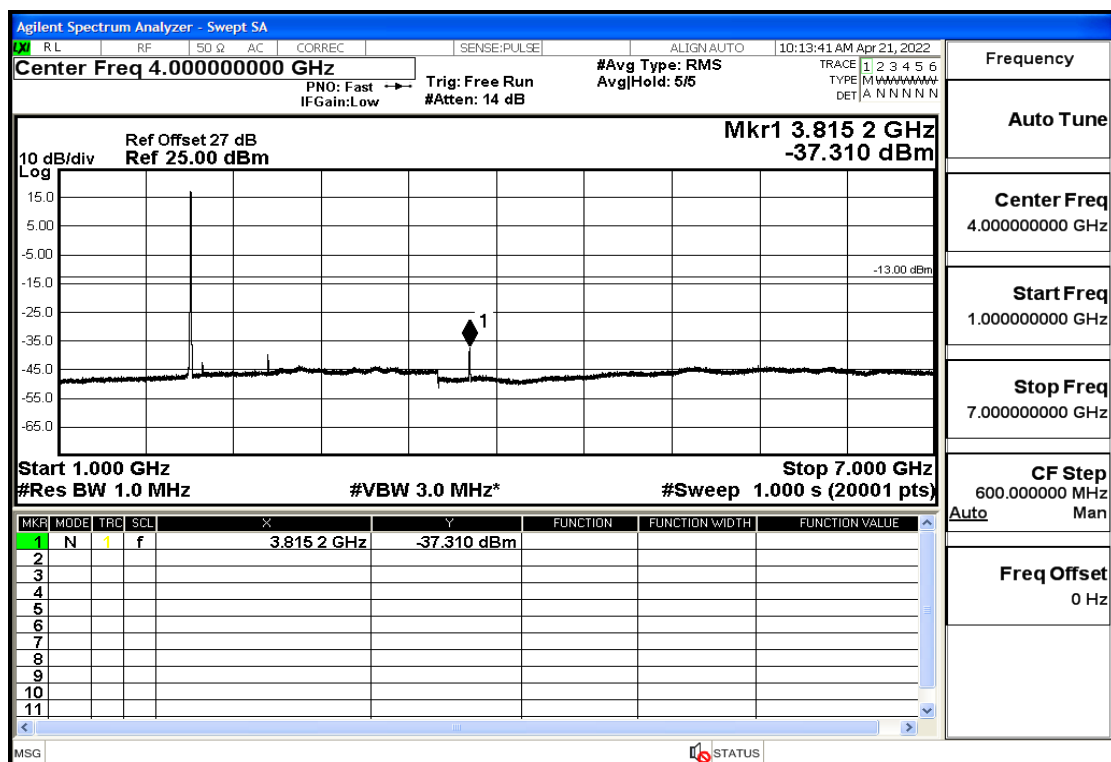
OB2-5-1880-QPSK-25#LOW@13.6GHz-20GHz@Pass



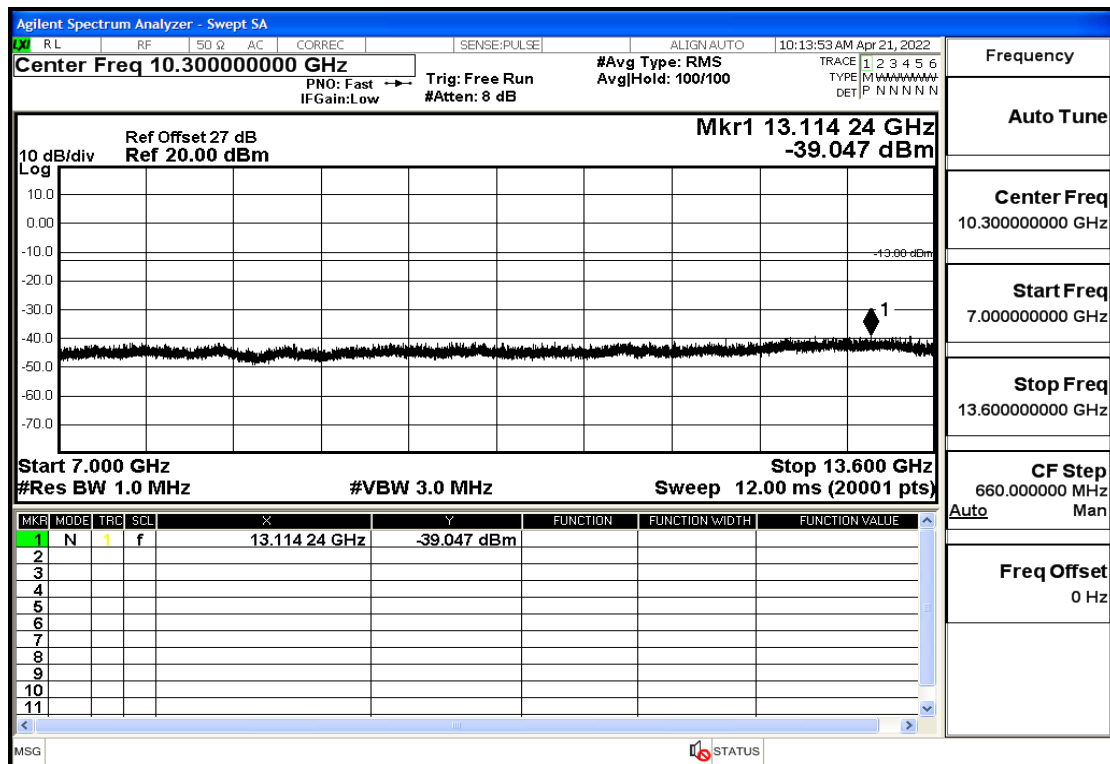
OB2-5-1907.5-QPSK-25#LOW@30MHz-1GHz@Pass



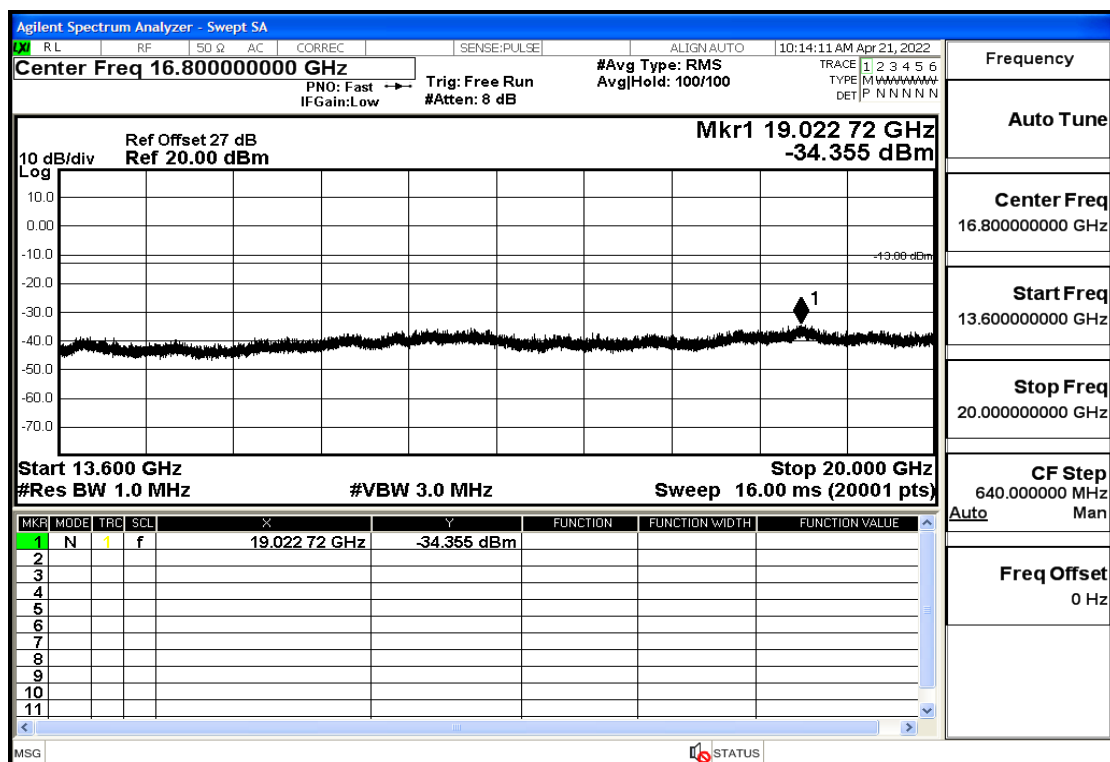
OB2-5-1907.5-QPSK-25#LOW@1GHz-7GHz@Pass



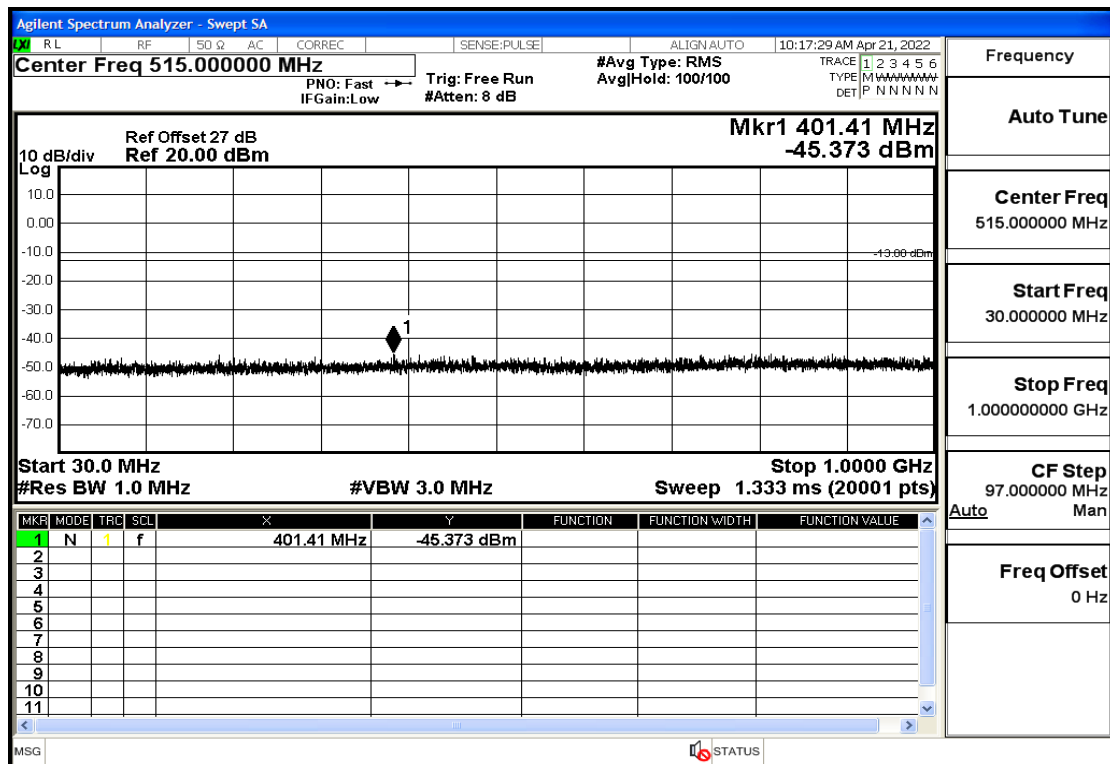
OB2-5-1907.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



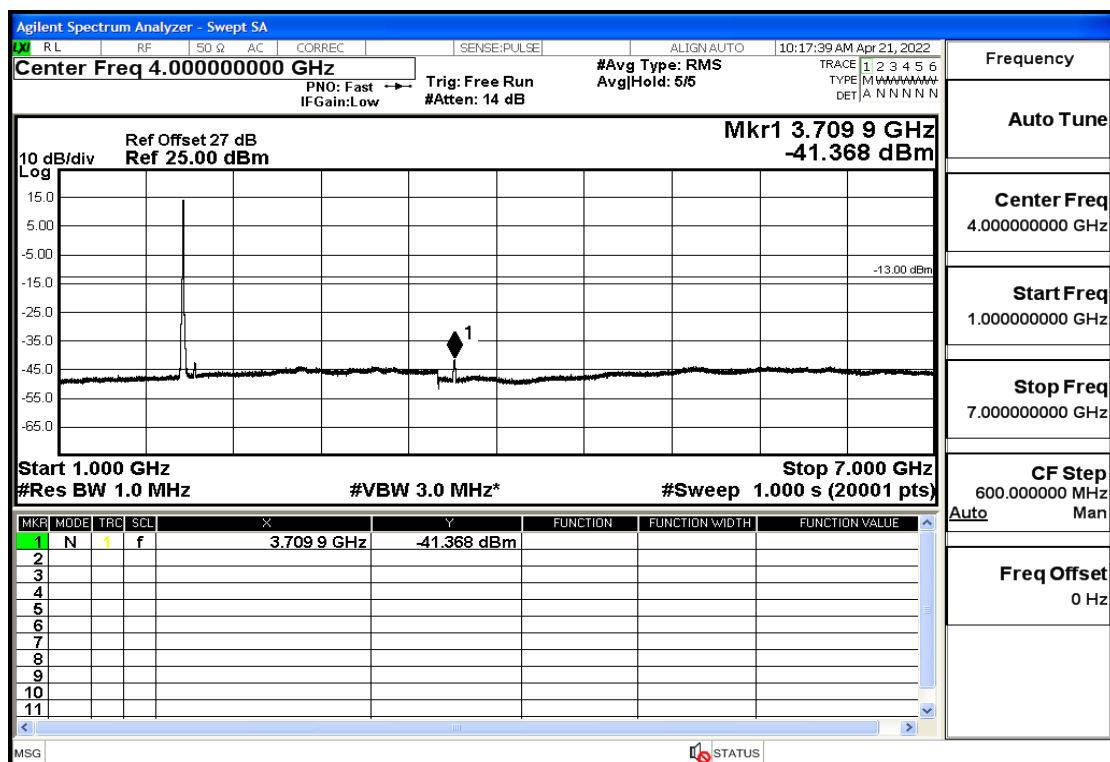
OB2-5-1907.5-QPSK-25#LOW@13.6GHz-20GHz@Pass



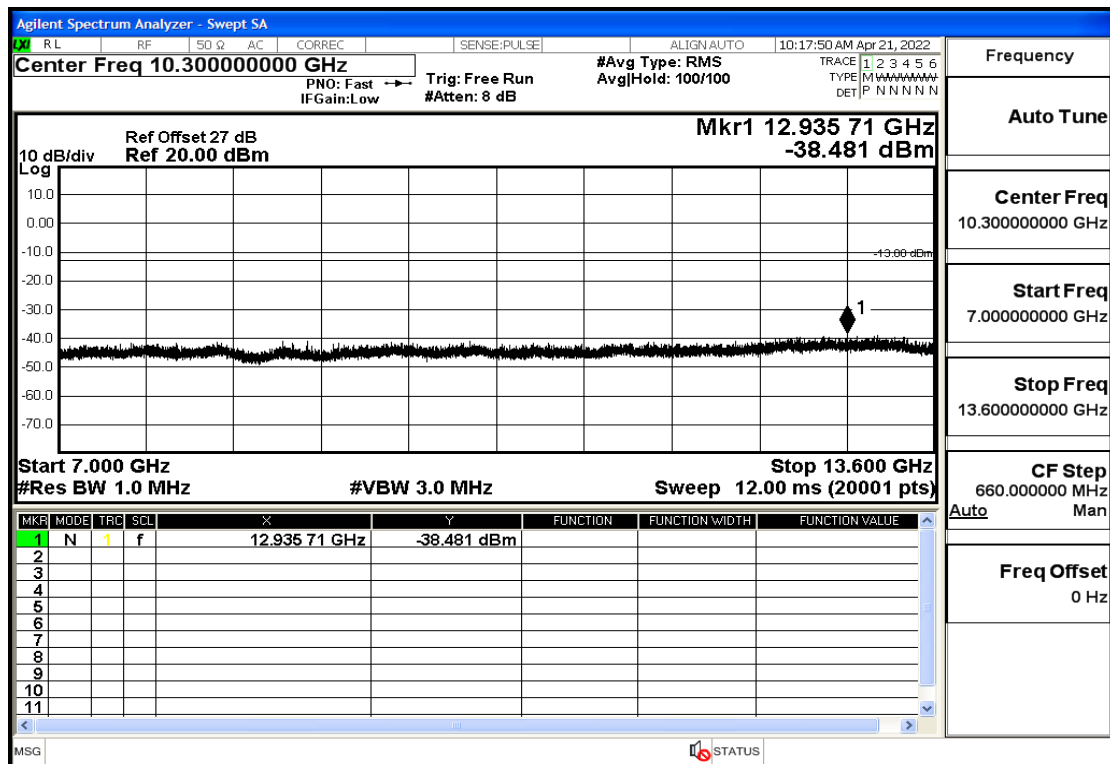
OB2-10-1855-QPSK-50#LOW@30MHz-1GHz@Pass



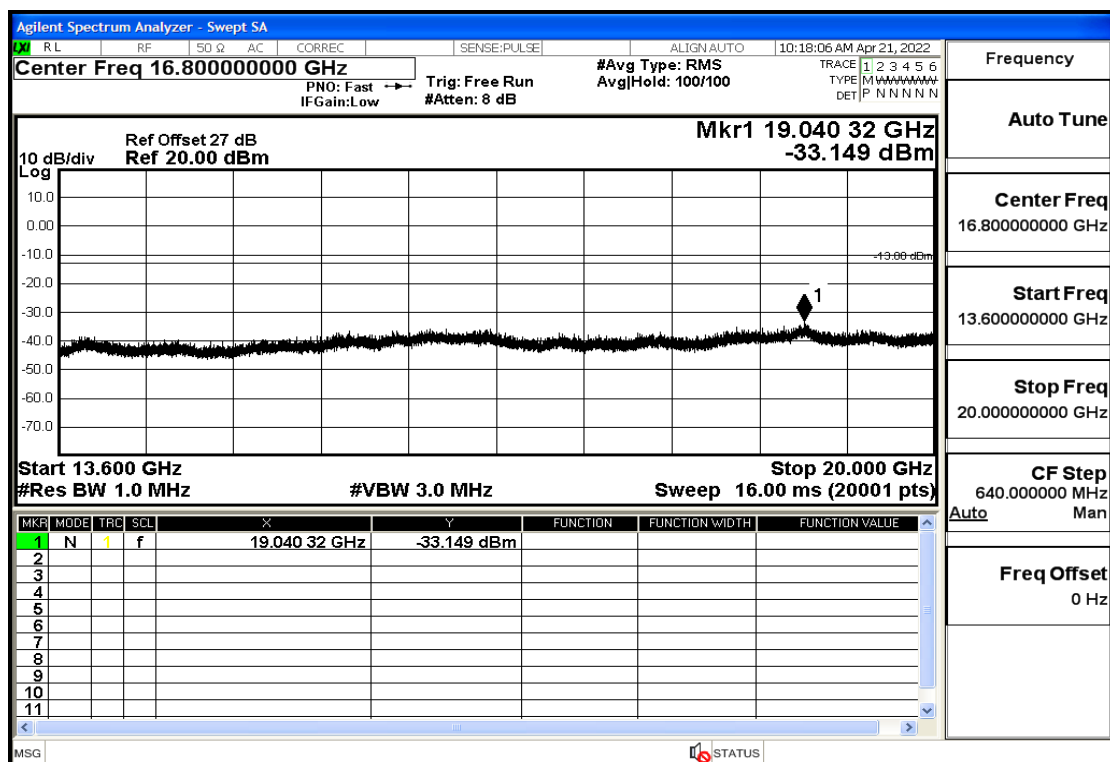
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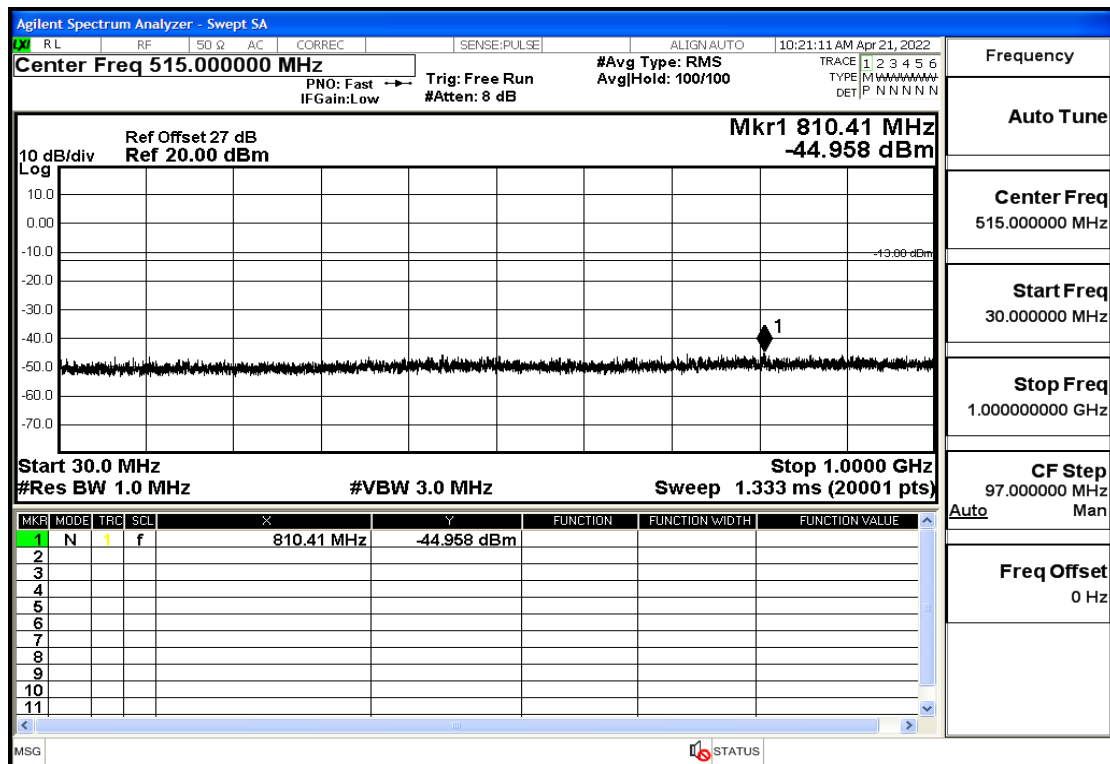
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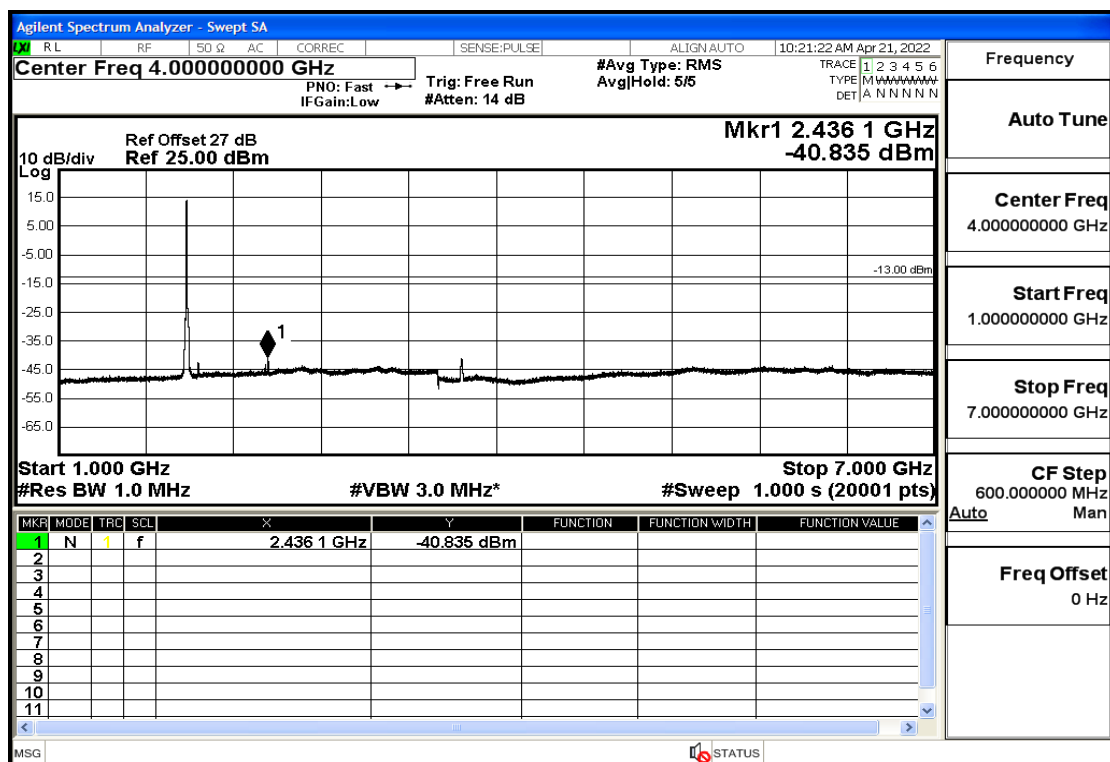
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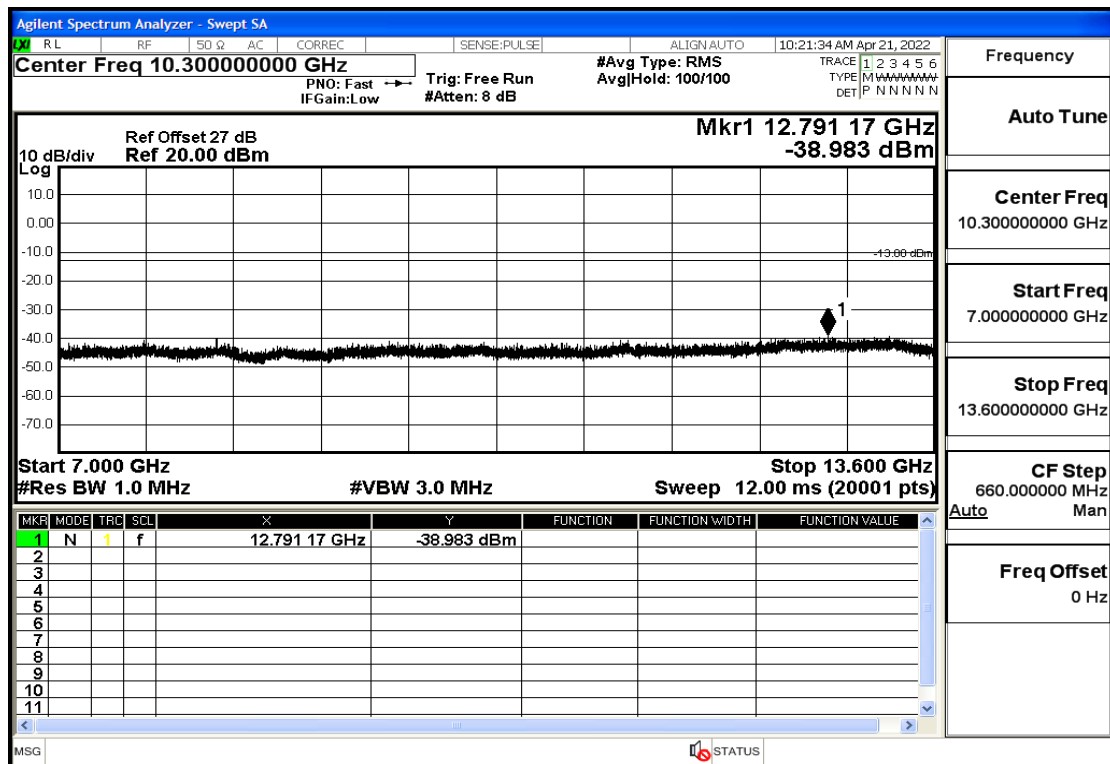
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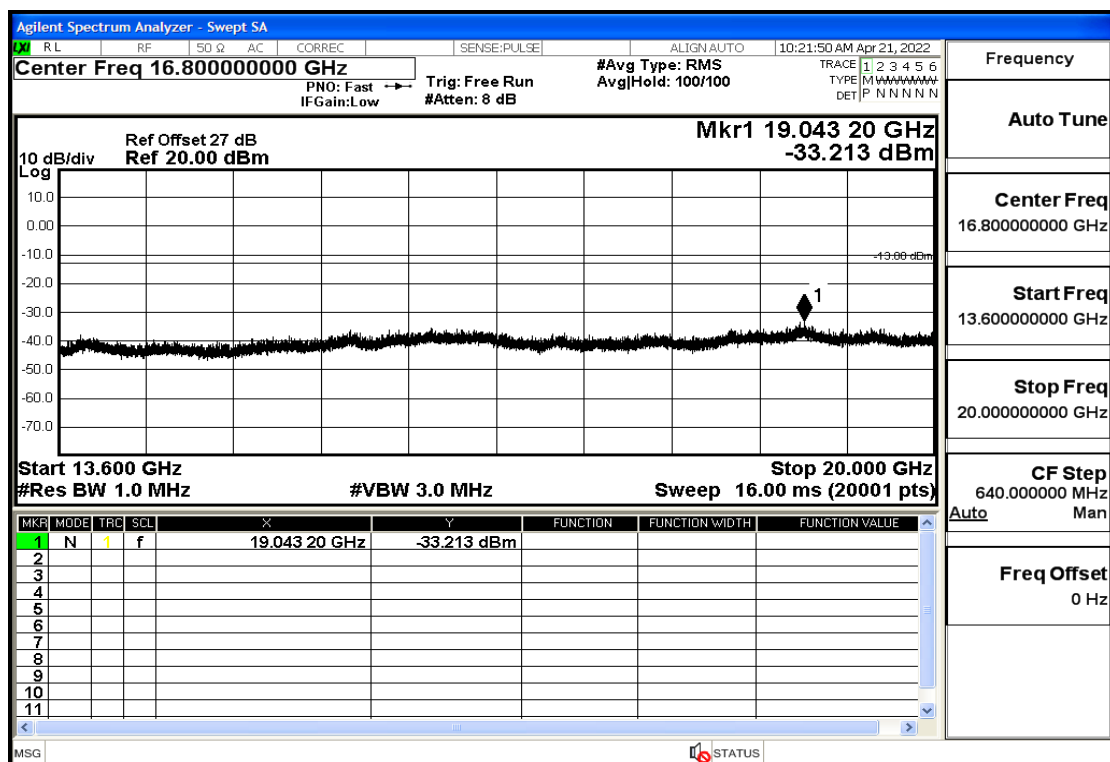
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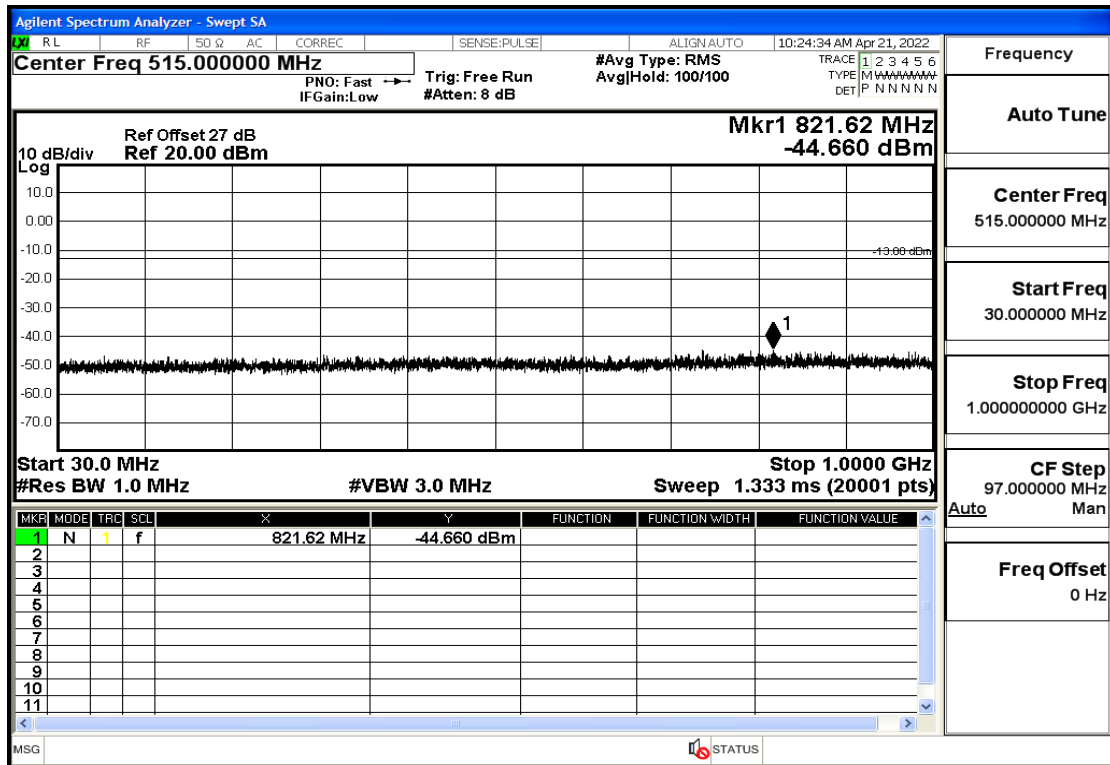
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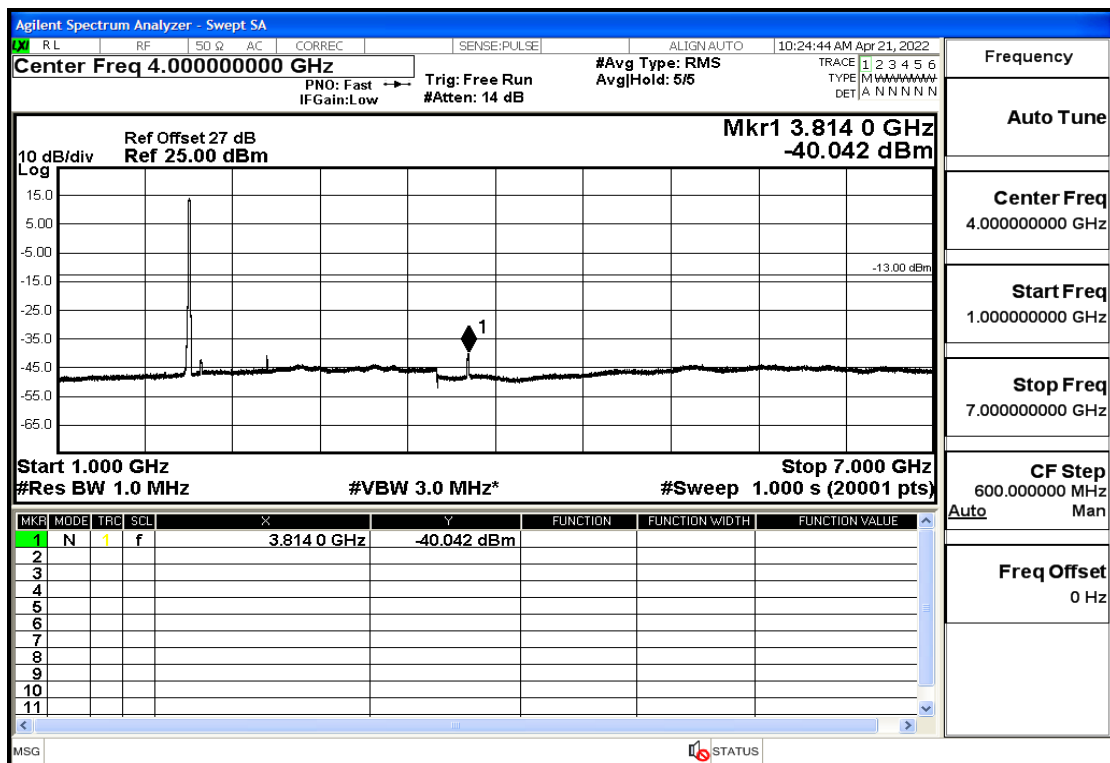
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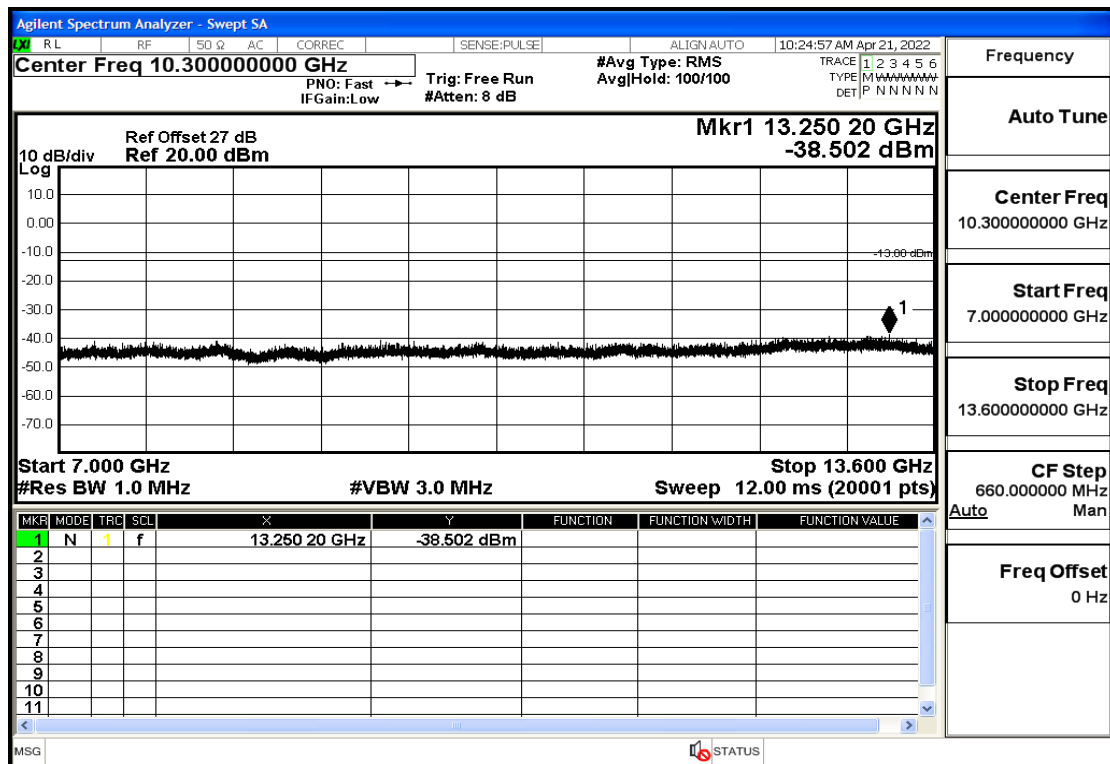
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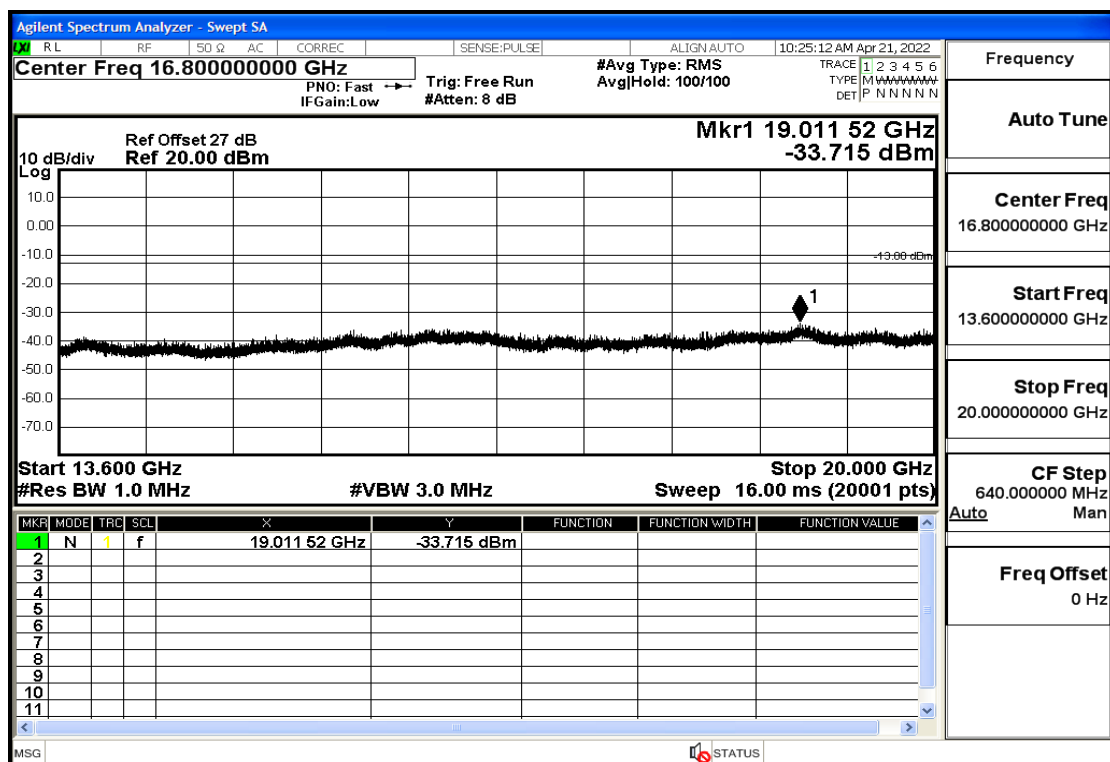
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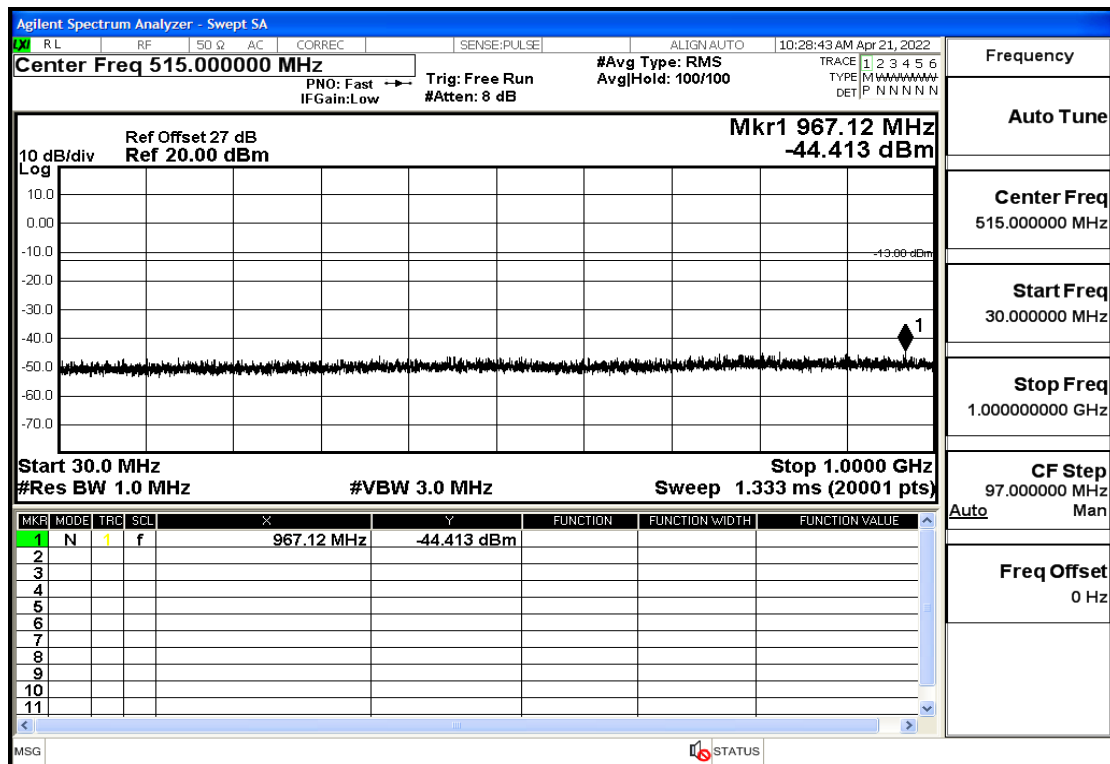
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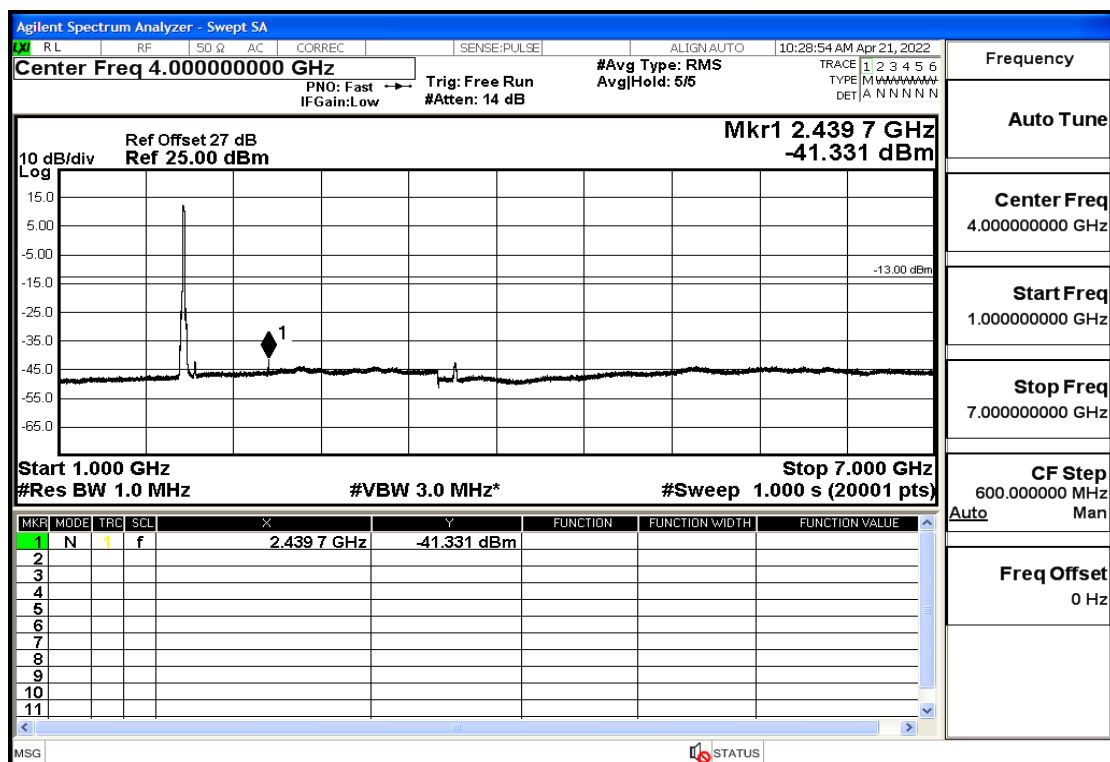
OB2-10-1905-QPSK-50#LOW@13.6GHz-20GHz@Pass



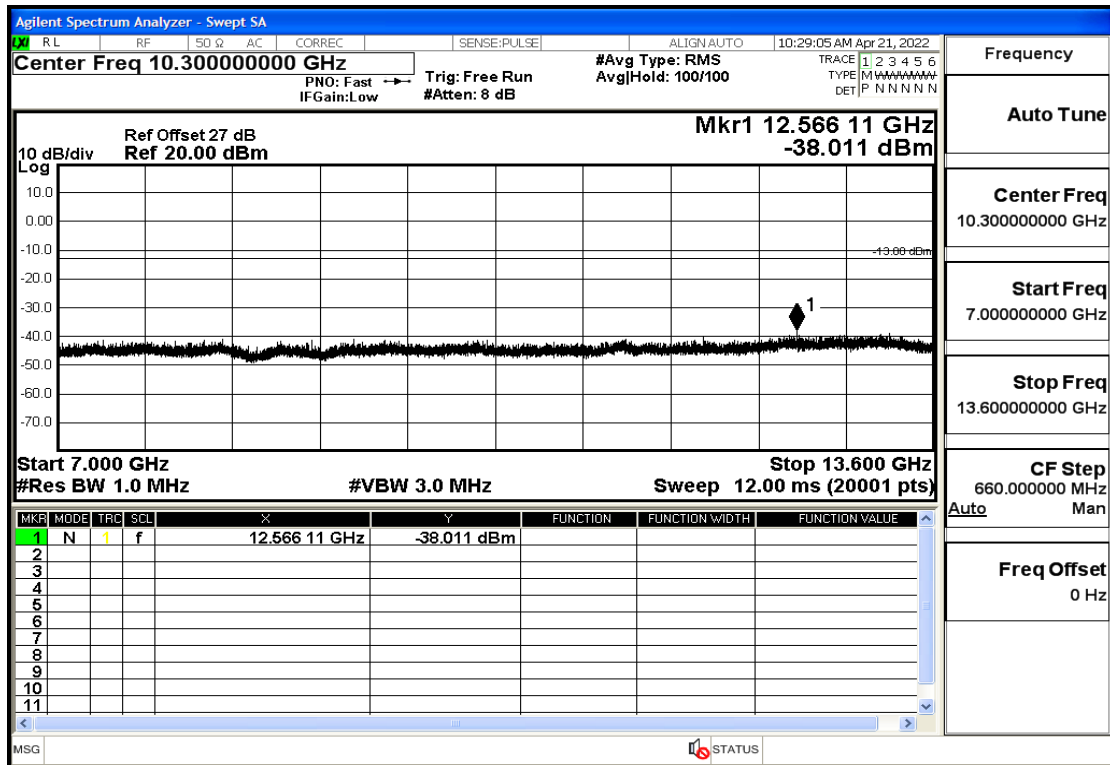
OB2-15-1857.5-QPSK-75#LOW@30mHz-1GHz@Pass



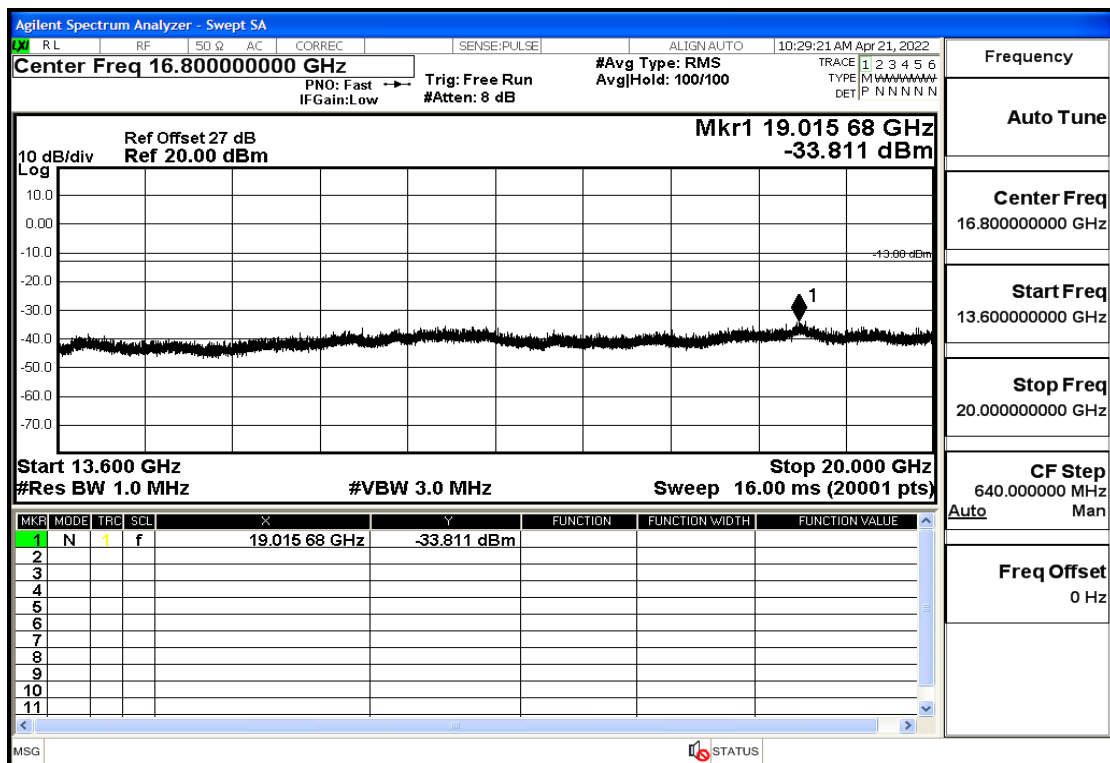
OB2-15-1857.5-QPSK-75#LOW@1GHz-7GHz@Pass



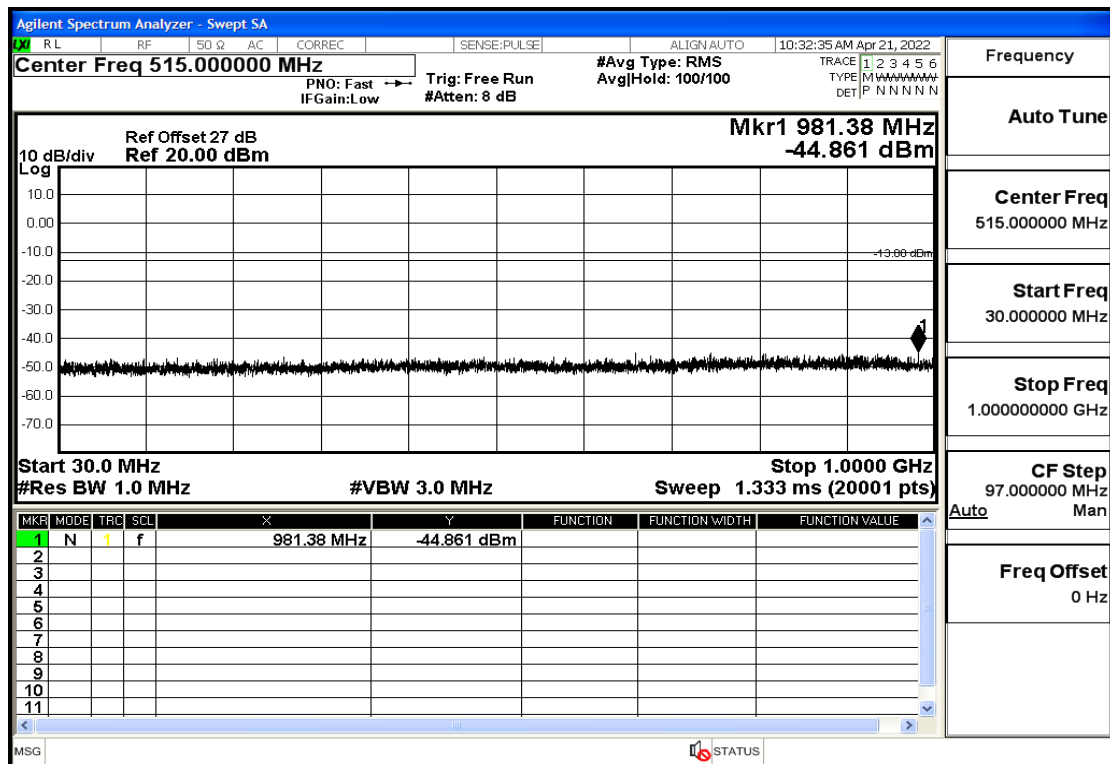
OB2-15-1857.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



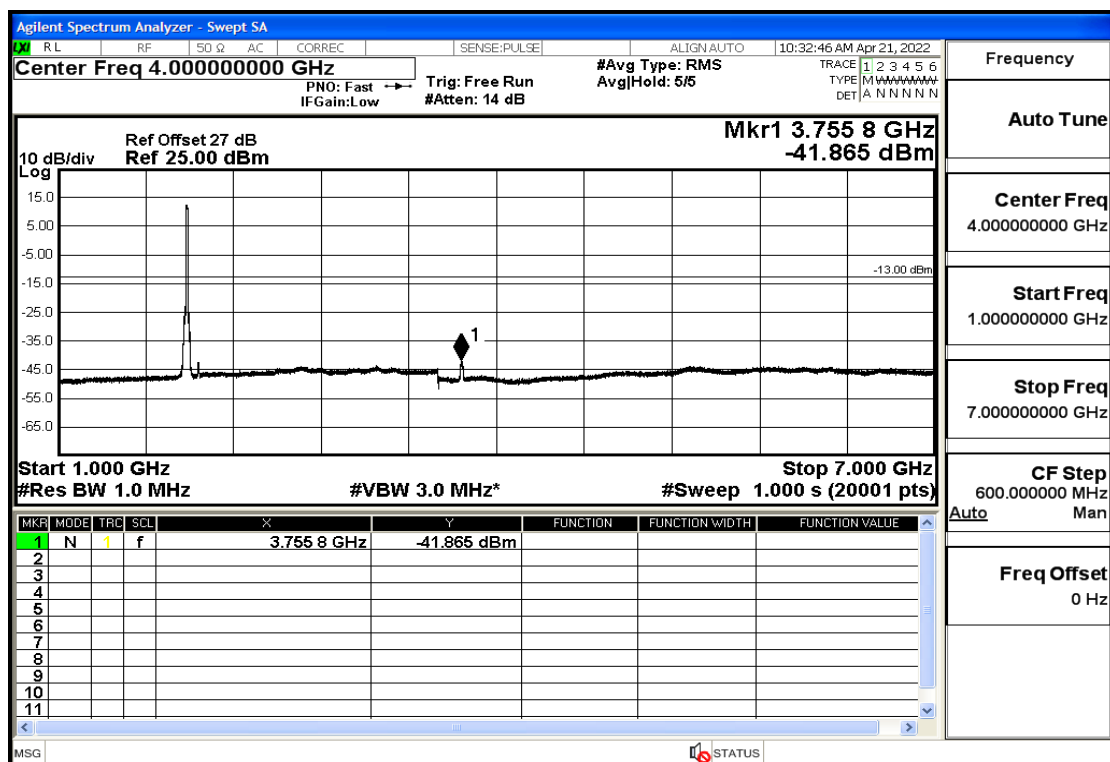
OB2-15-1857.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



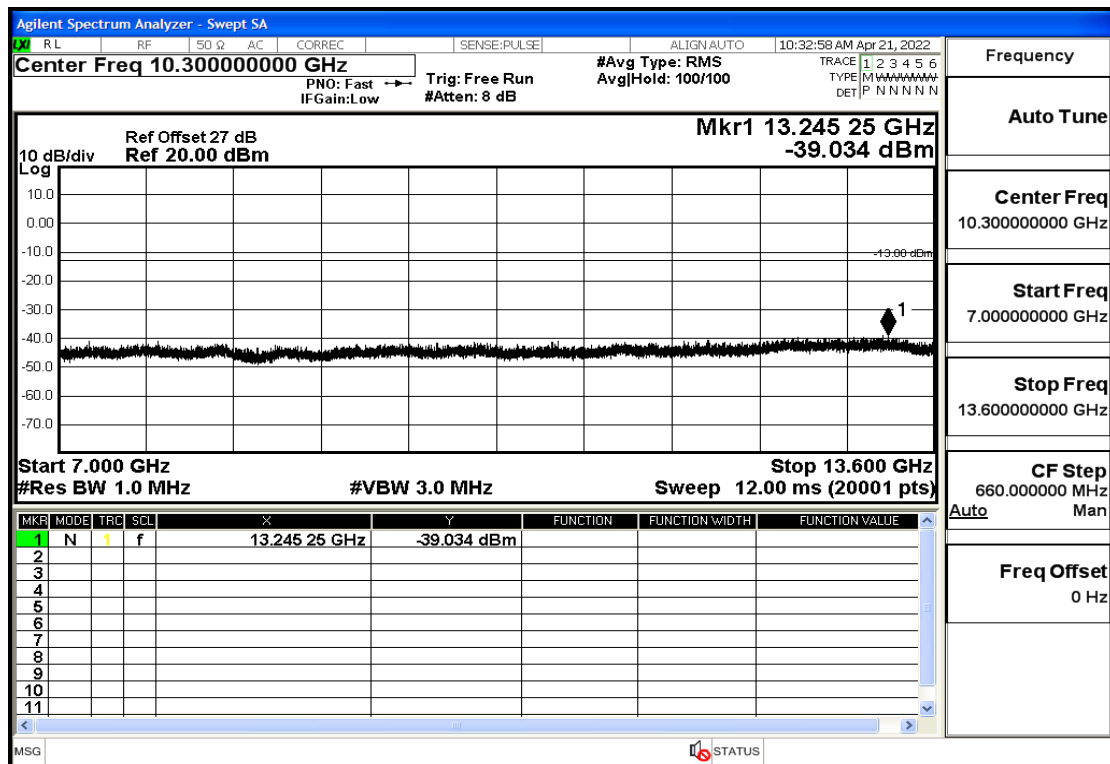
OB2-15-1880-QPSK-75#LOW@30mHz-1GHz@Pass



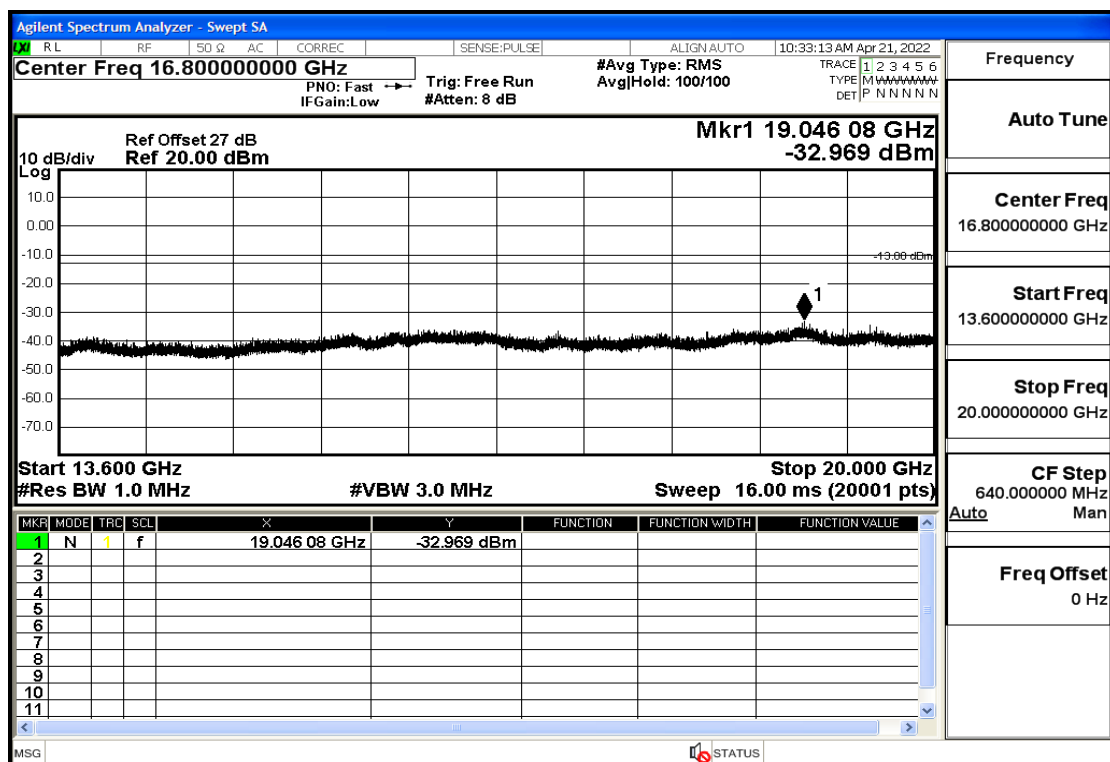
OB2-15-1880-QPSK-75#LOW@1GHz-7GHz@Pass



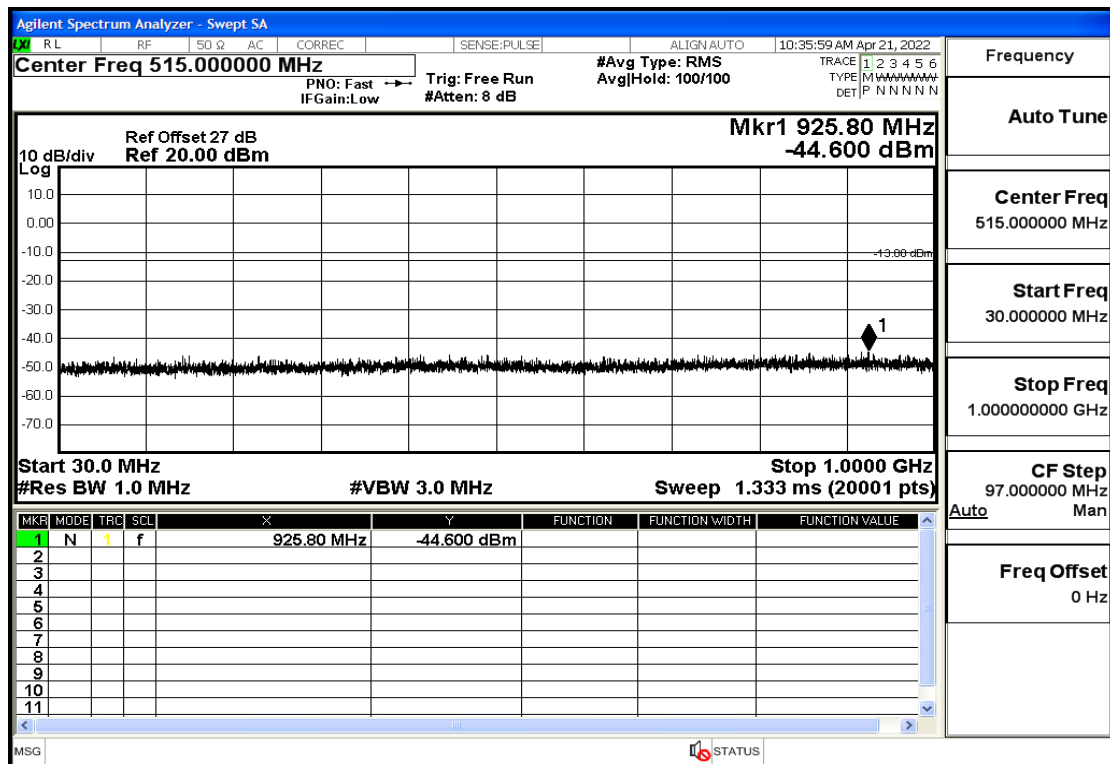
OB2-15-1880-QPSK-75#LOW@7GHz-13.6GHz@Pass



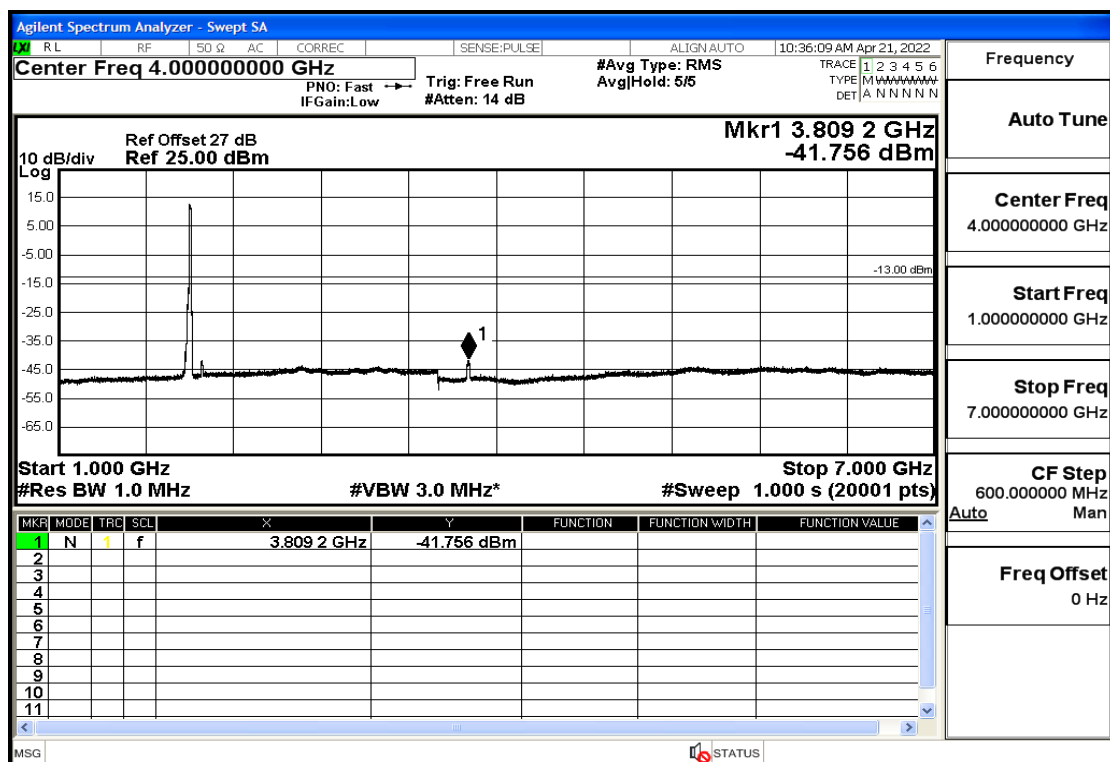
OB2-15-1880-QPSK-75#LOW@13.6GHz-20GHz@Pass



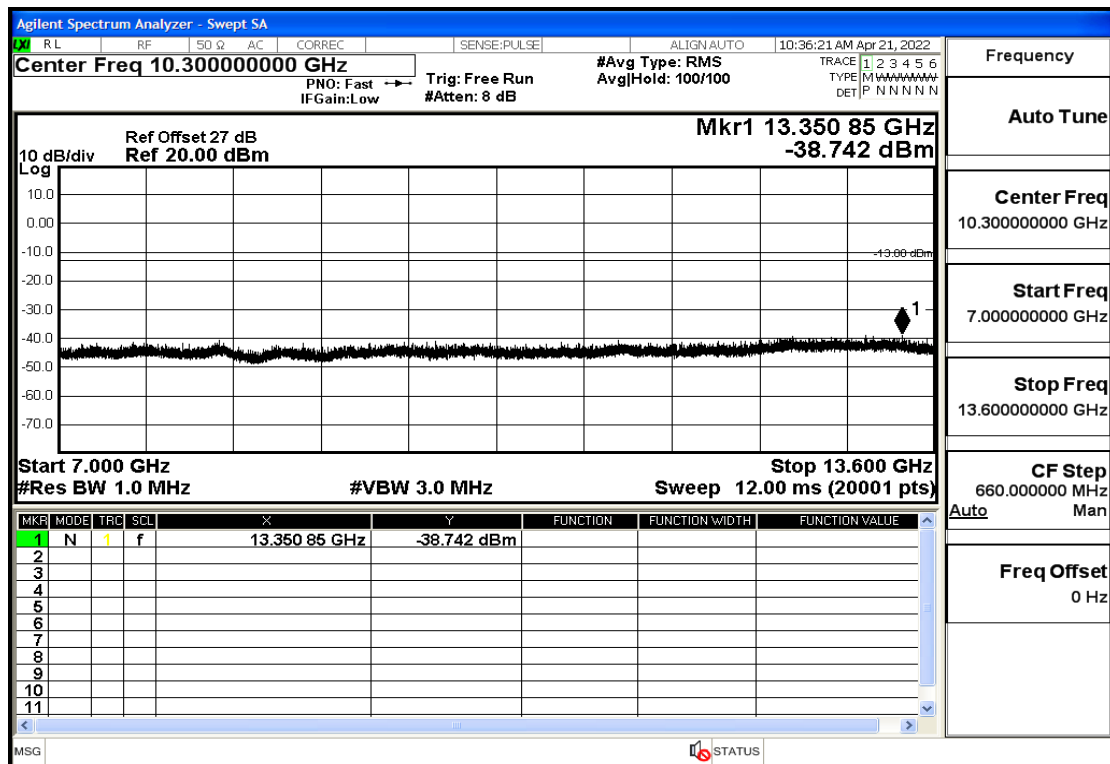
OB2-15-1902.5-QPSK-75#LOW@30mHz-1GHz@Pass



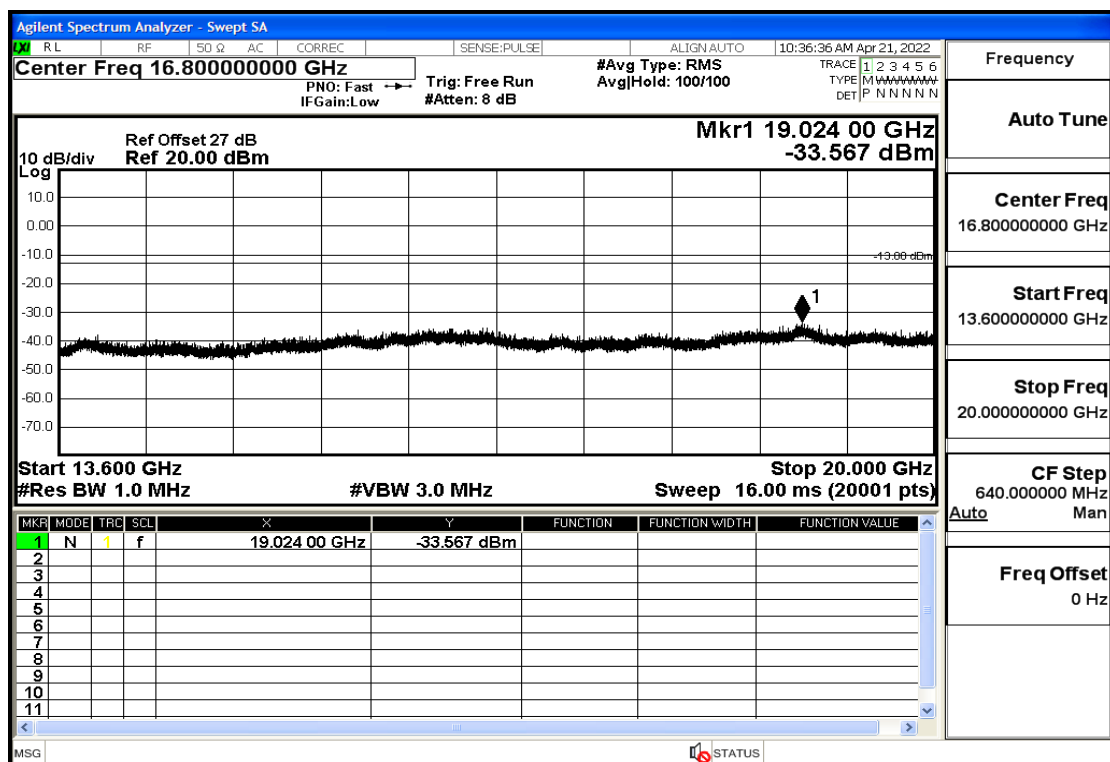
OB2-15-1902.5-QPSK-75#LOW@1GHz-7GHz@Pass



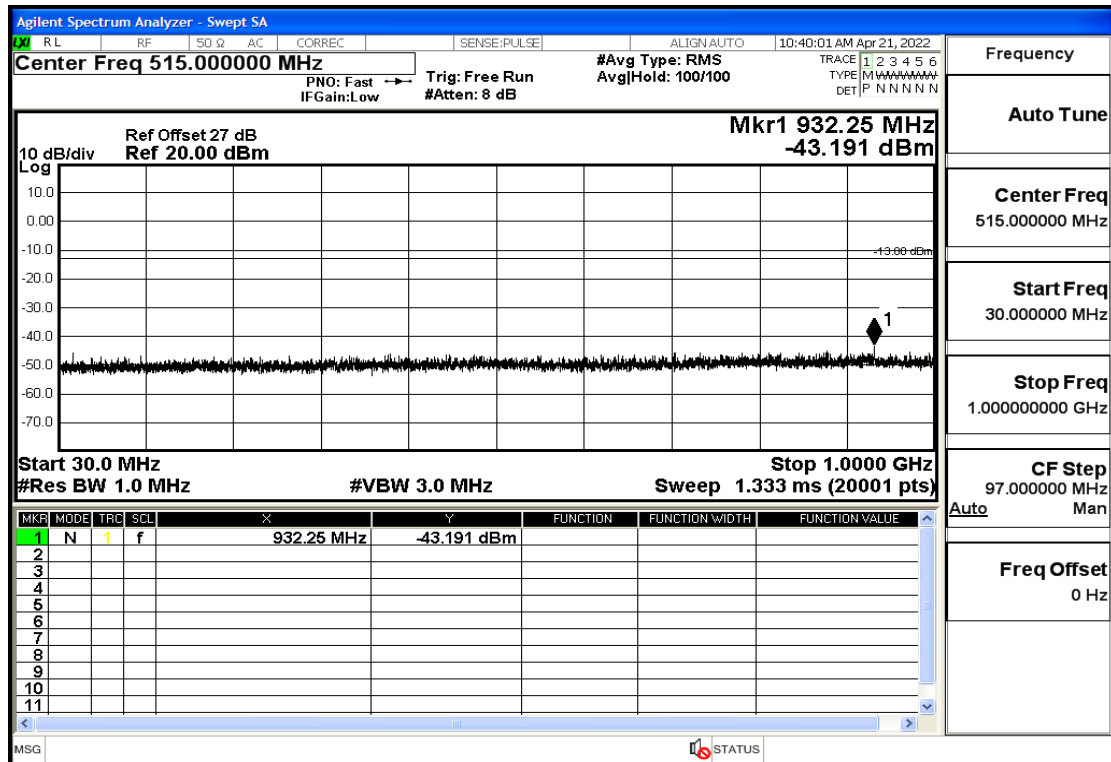
OB2-15-1902.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



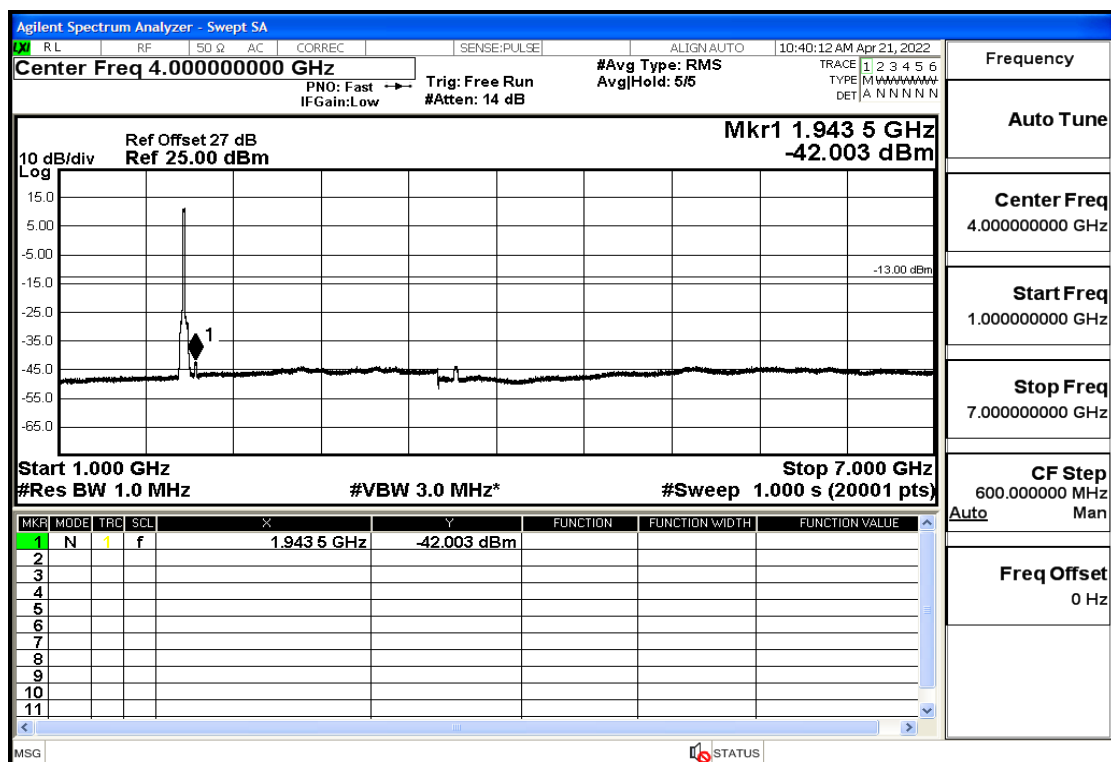
OB2-15-1902.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



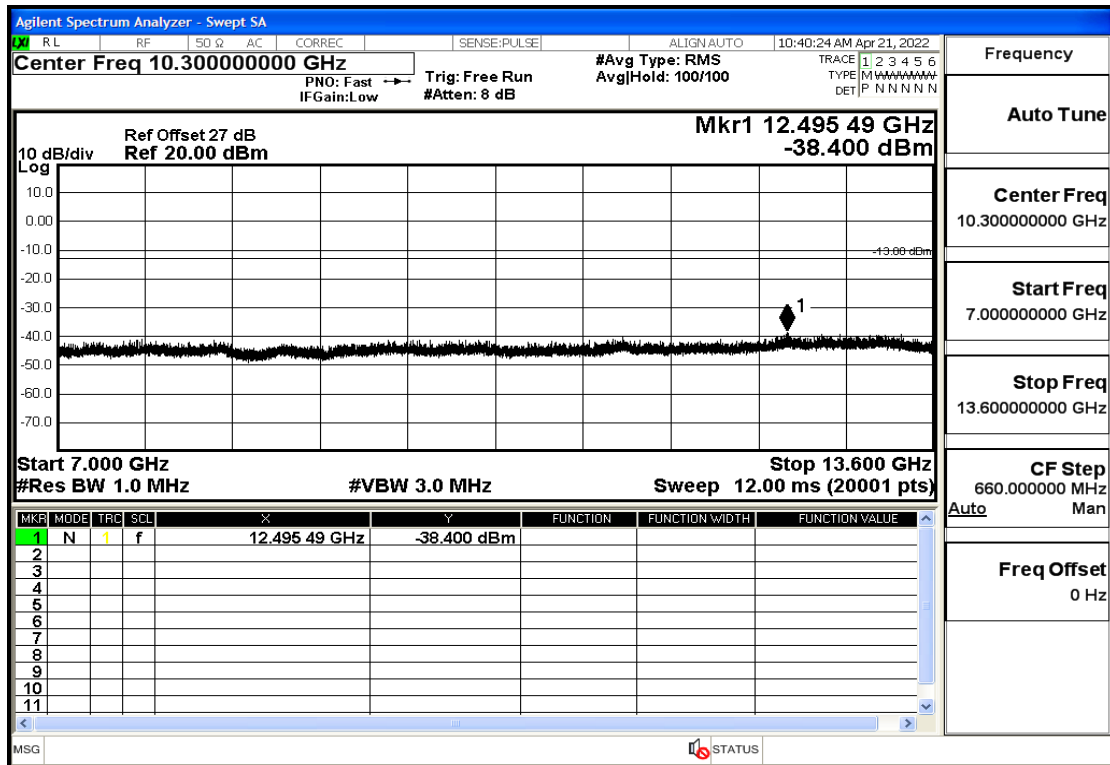
OB2-20-1860-QPSK-100#LOW@30mHz-1GHz@Pass



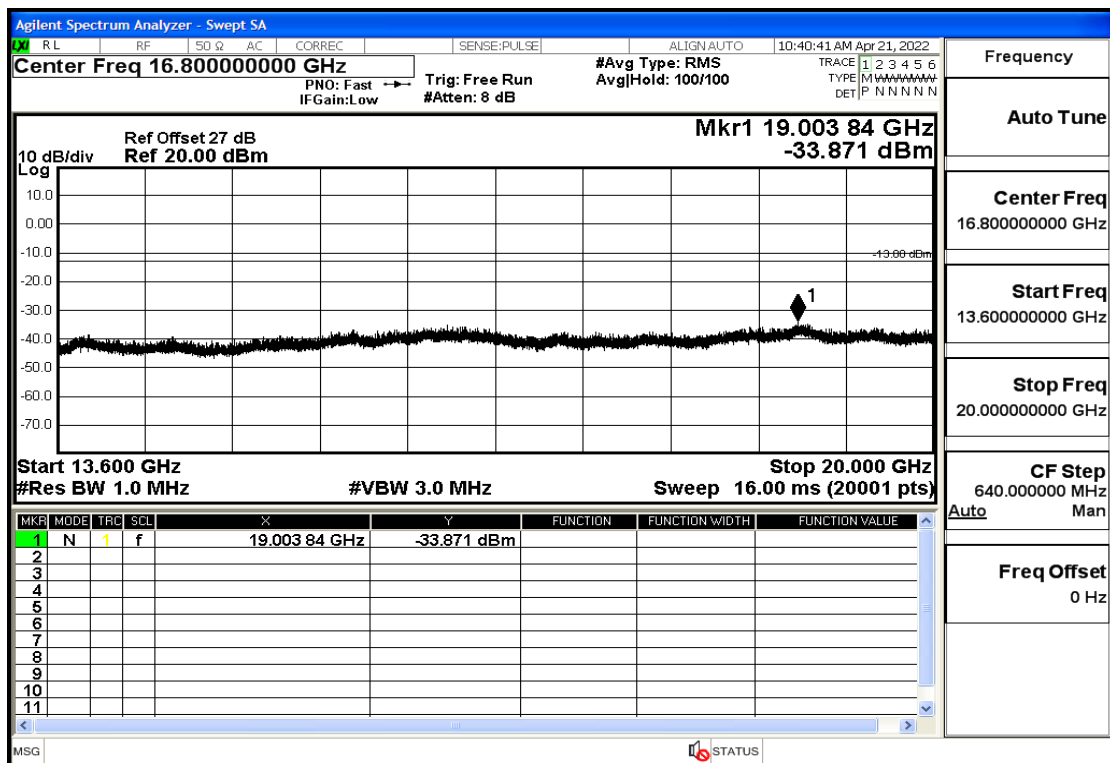
OB2-20-1860-QPSK-100#LOW@1GHz-7GHz@Pass



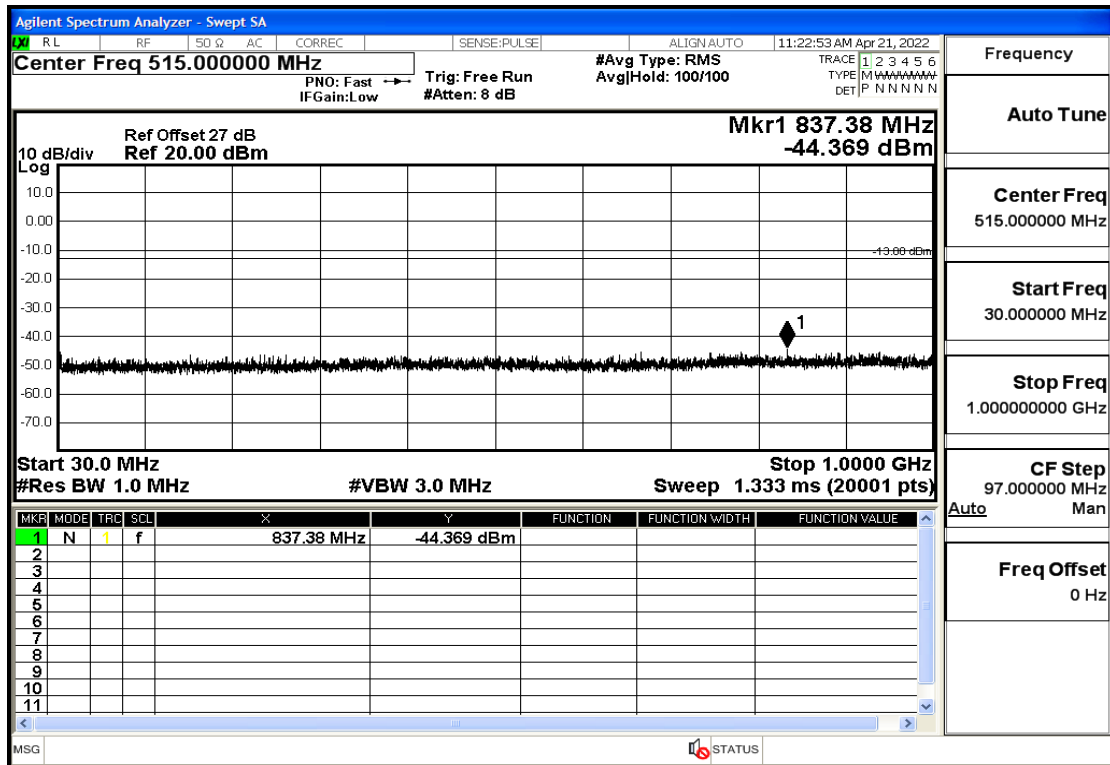
OB2-20-1860-QPSK-100#LOW@7GHz-13.6GHz@Pass



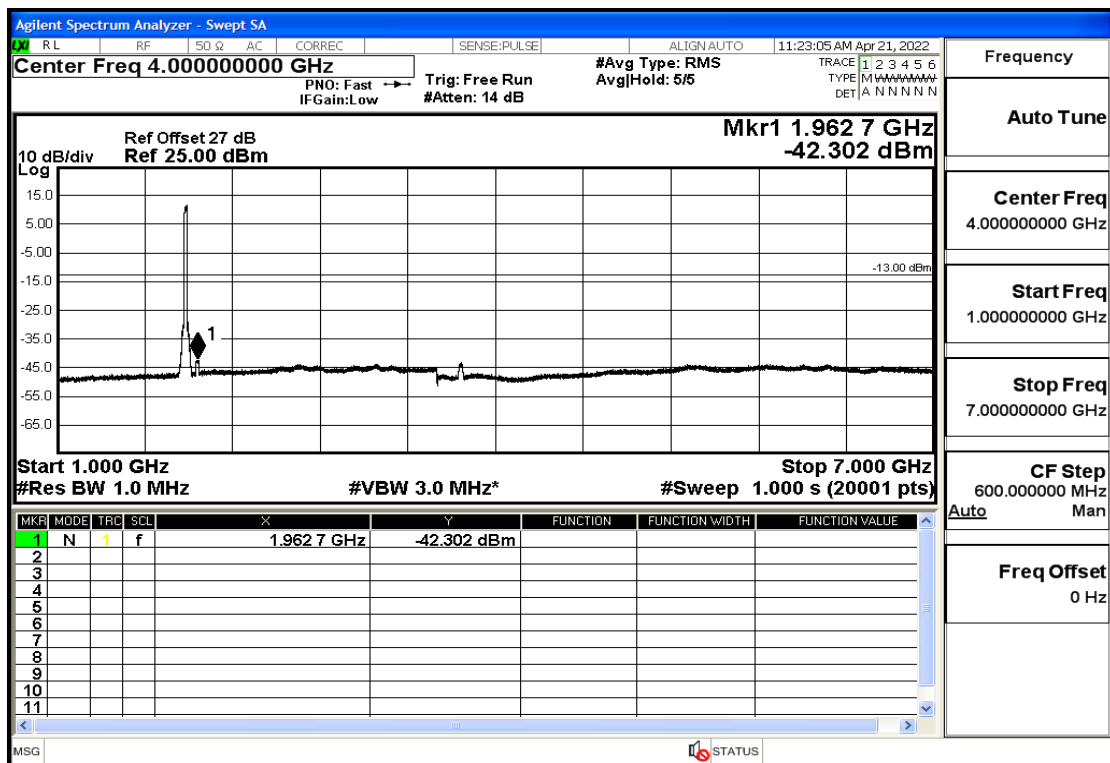
OB2-20-1860-QPSK-100#LOW@13.6GHz-20GHz@Pass



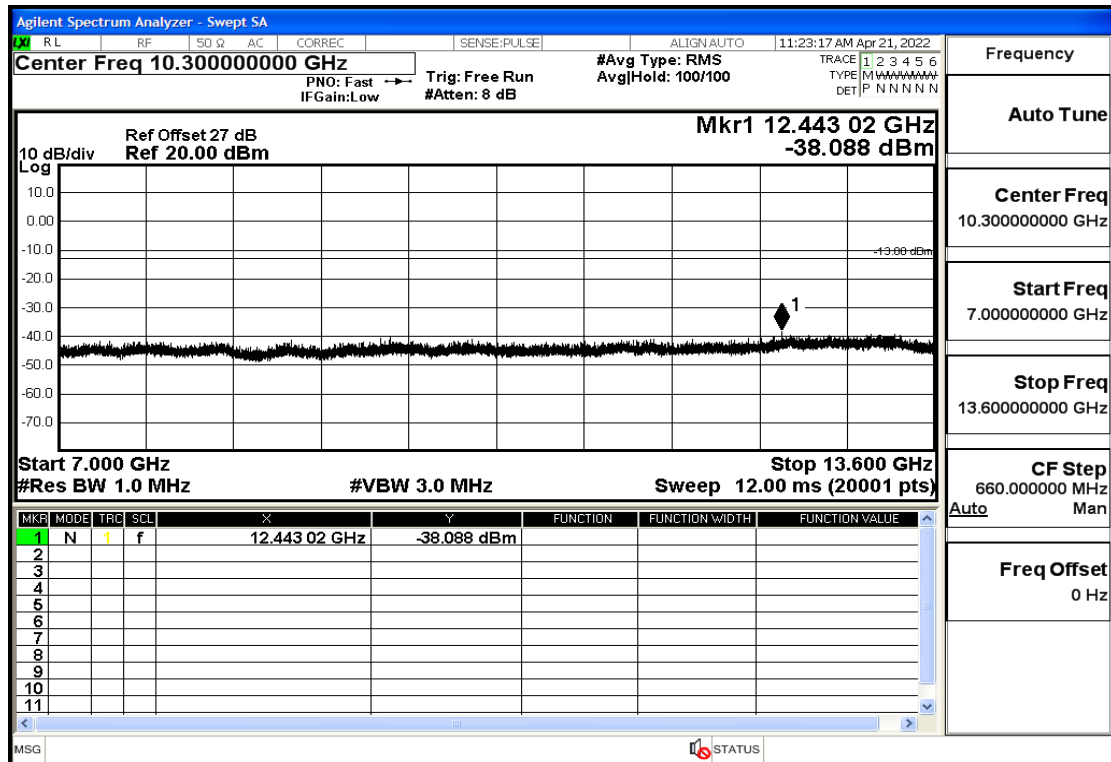
OB2-20-1880-QPSK-100#LOW@30MHz-1GHz@Pass



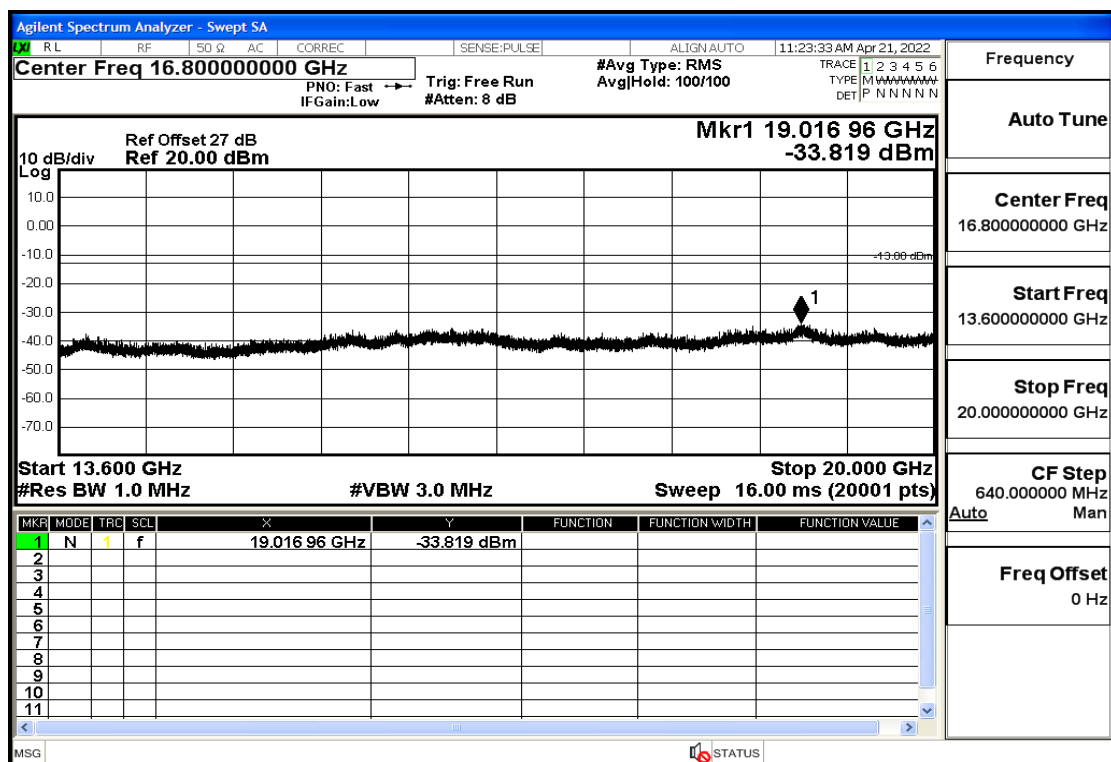
OB2-20-1880-QPSK-100#LOW@1GHz-7GHz@Pass



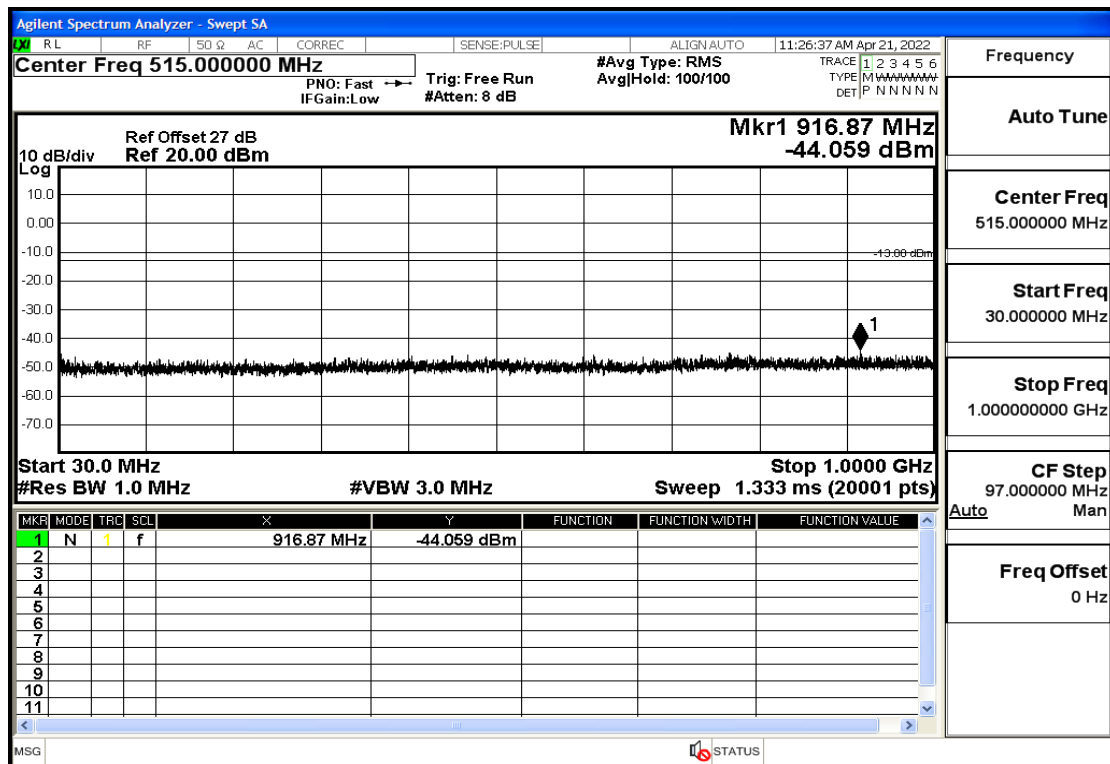
OB2-20-1880-QPSK-100#LOW@7GHz-13.6GHz@Pass



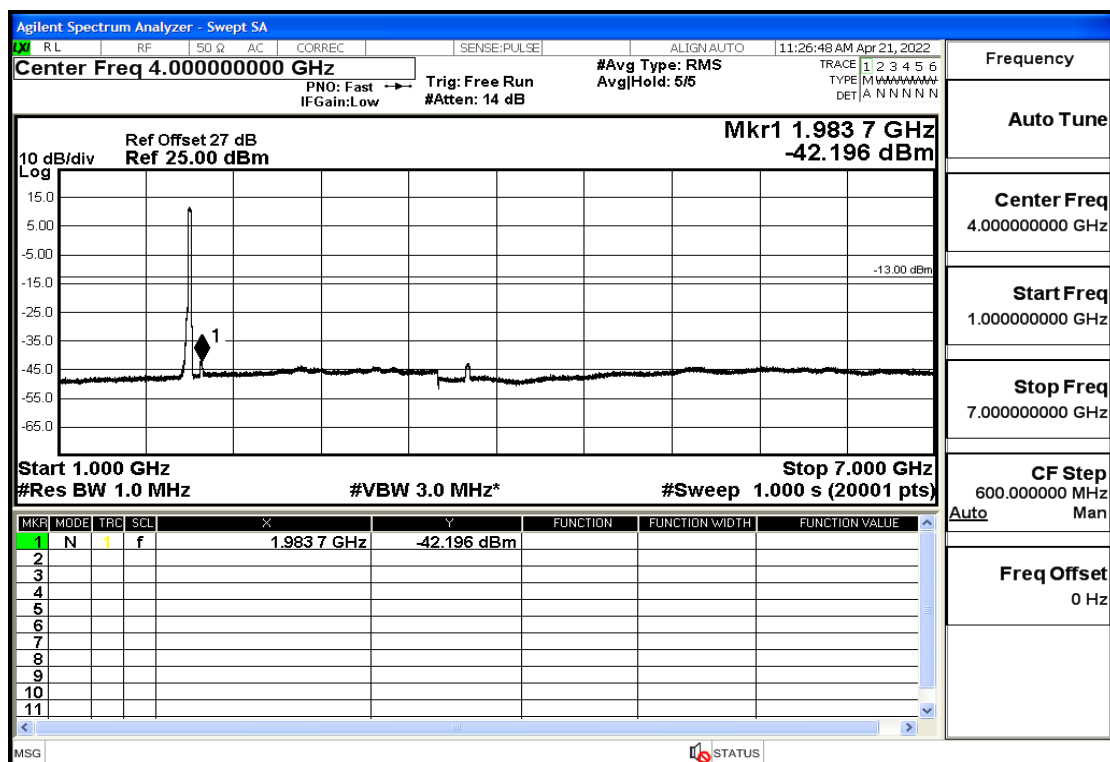
OB2-20-1880-QPSK-100#LOW@13.6GHz-20GHz@Pass



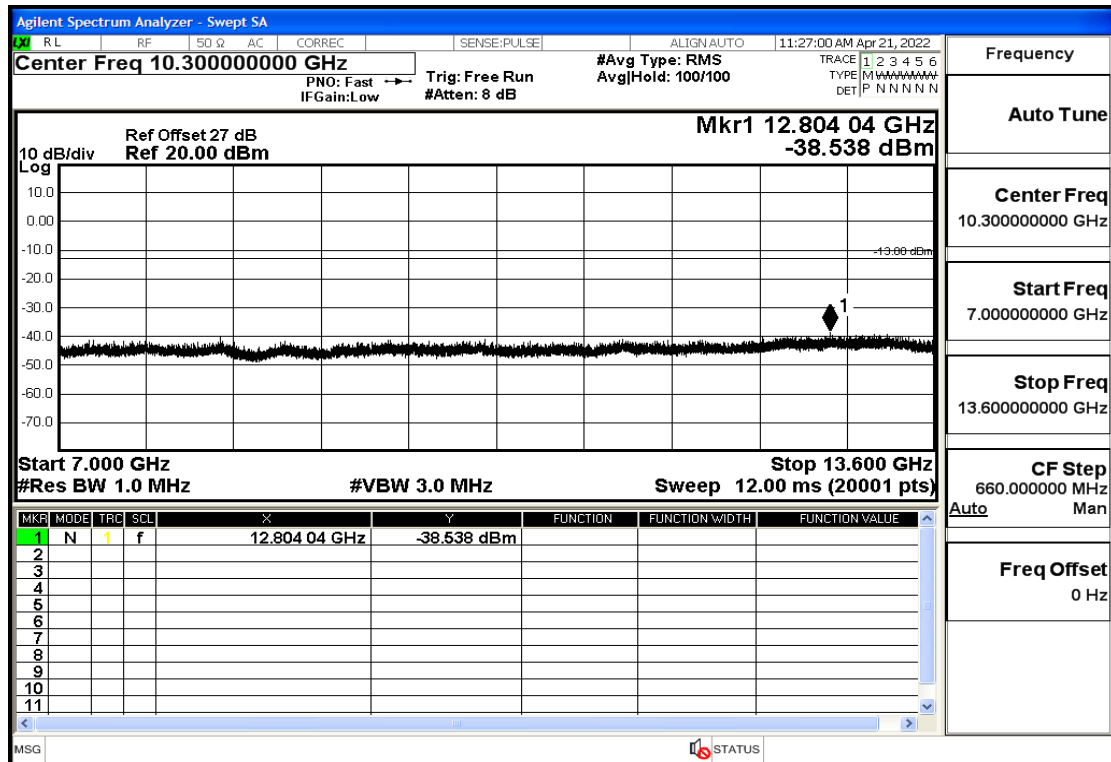
OB2-20-1900-QPSK-100#LOW@30mHz-1GHz@Pass



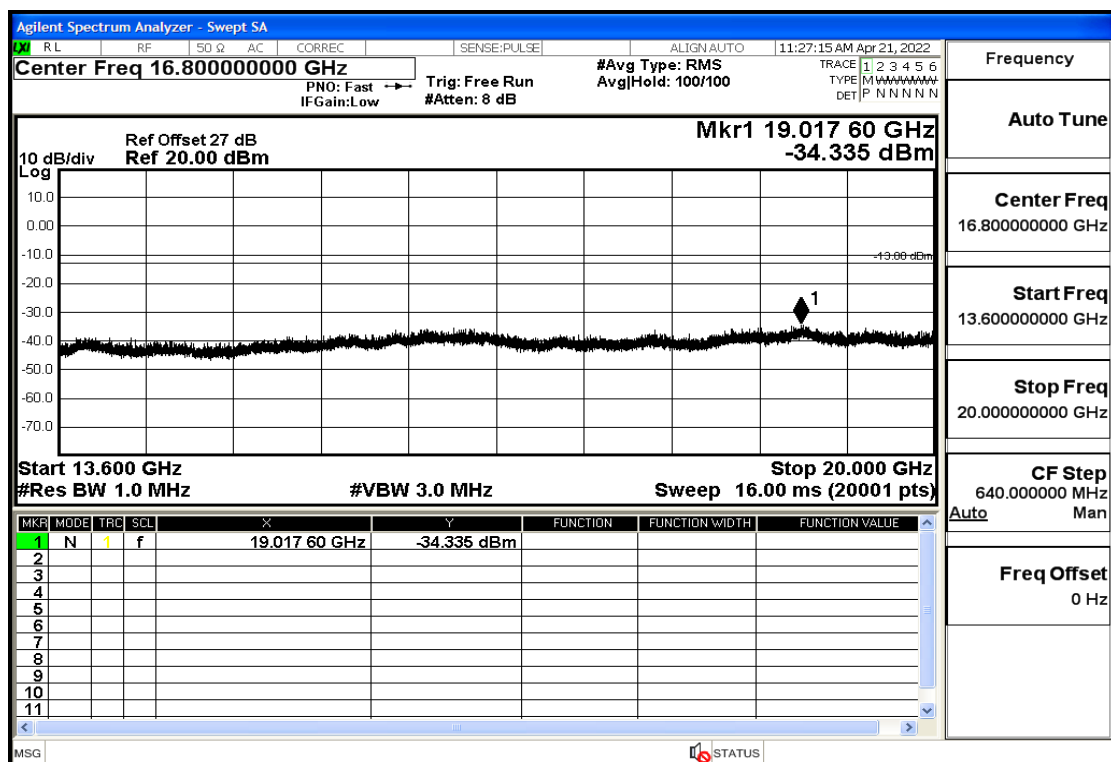
OB2-20-1900-QPSK-100#LOW@1GHz-7GHz@Pass



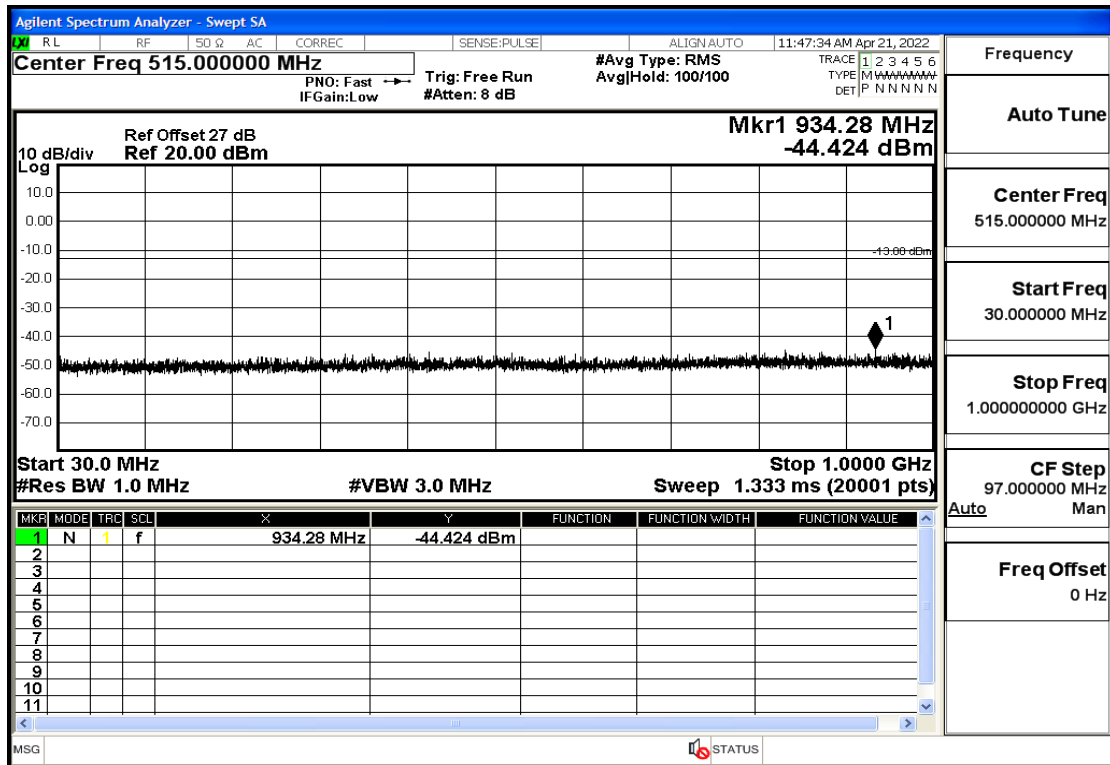
OB2-20-1900-QPSK-100#LOW@7GHz-13.6GHz@Pass



OB2-20-1900-QPSK-100#LOW@13.6GHz-20GHz@Pass



OB2-1.4-1850.7-Q16-6#LOW@30mHz-1GHz@Pass



OB2-1.4-1850.7-Q16-6#LOW@1GHz-7GHz@Pass

