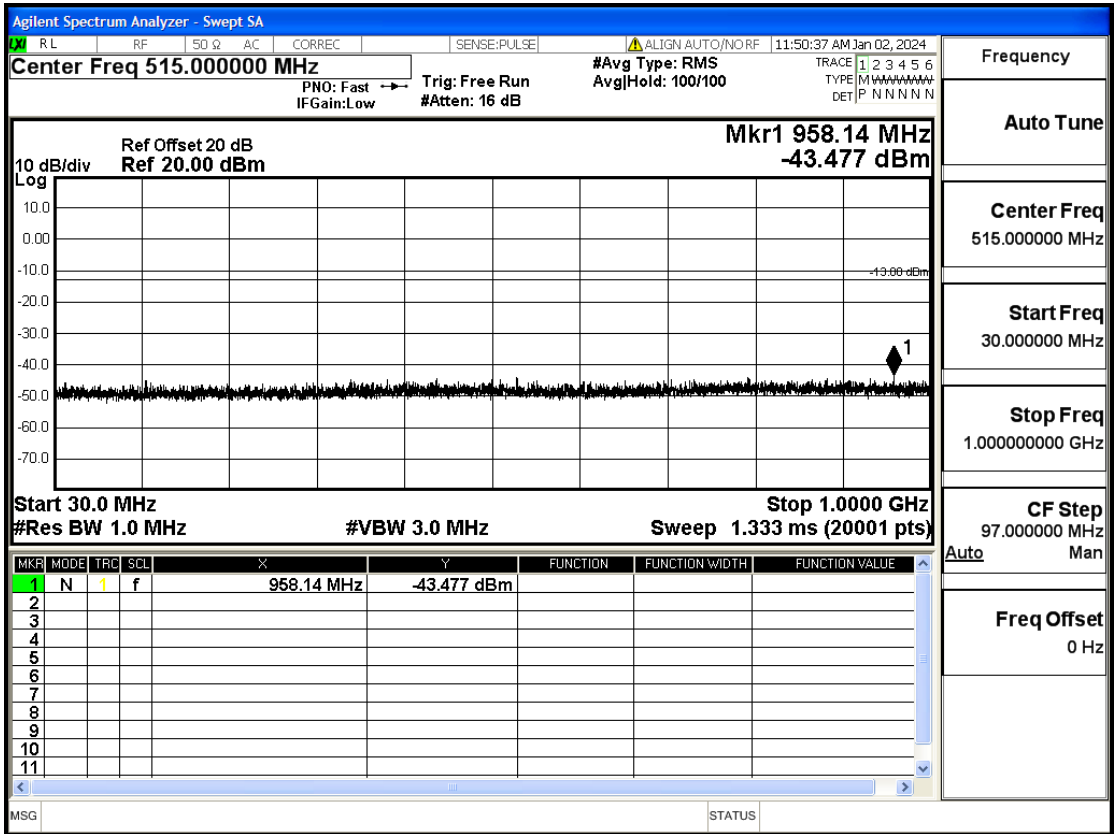
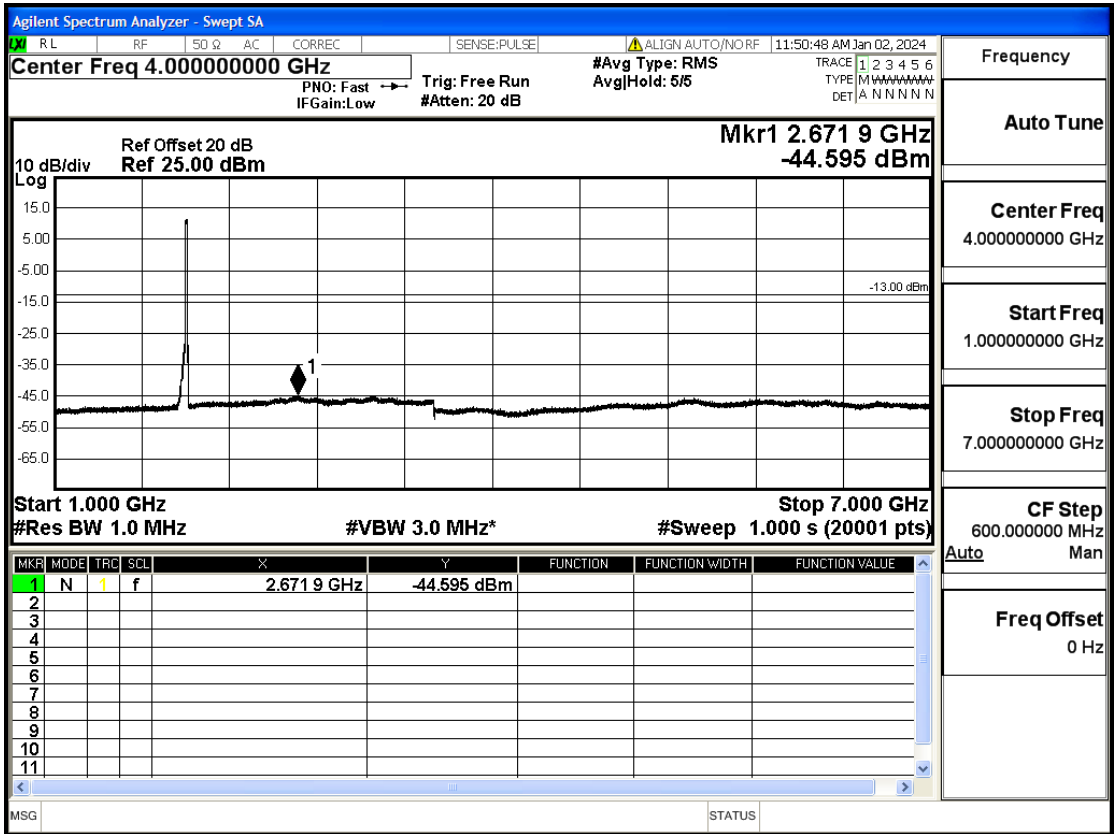


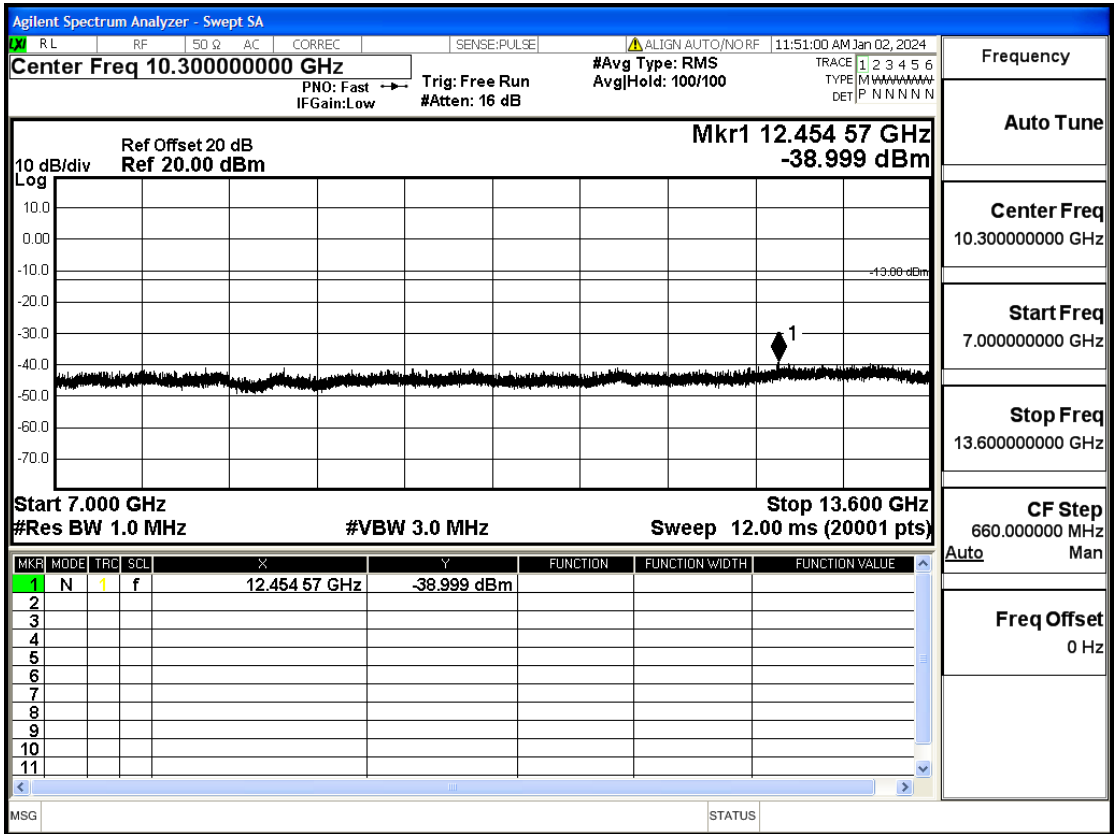
OB2-15-1902.5-QPSK-75#LOW@30mHz-1GHz@Pass



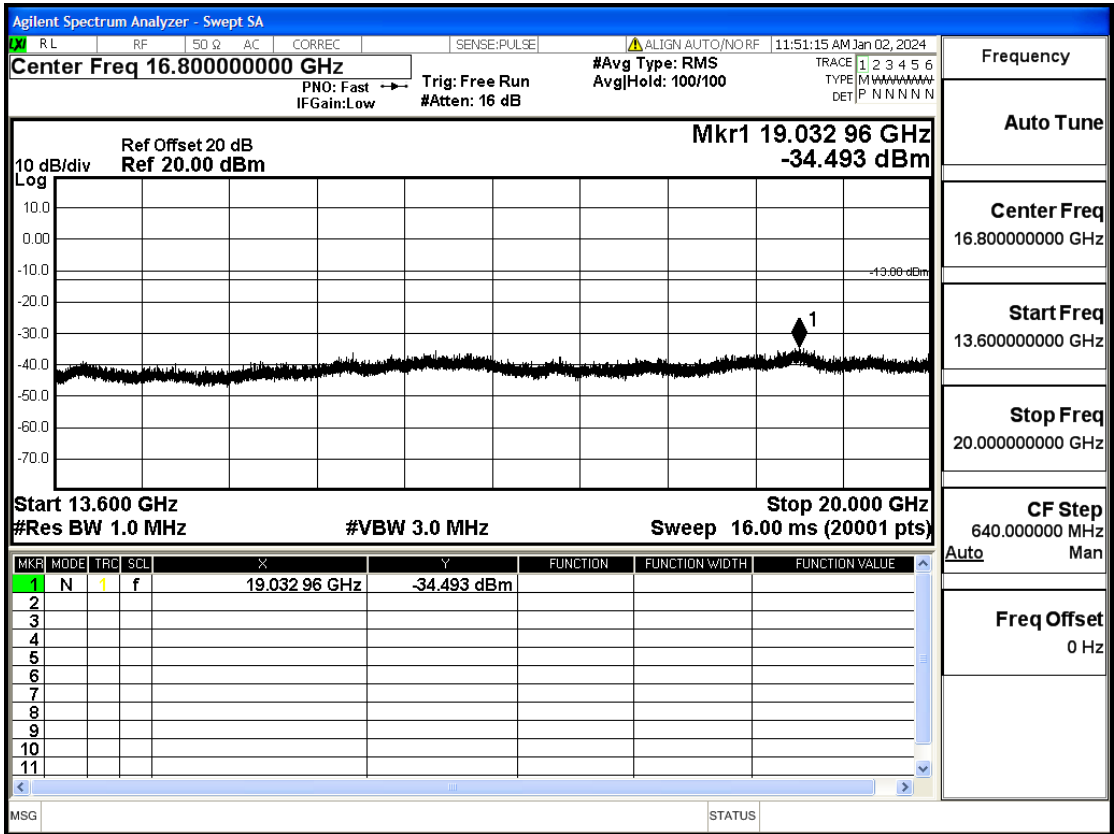
OB2-15-1902.5-QPSK-75#LOW@1GHz-7GHz@Pass



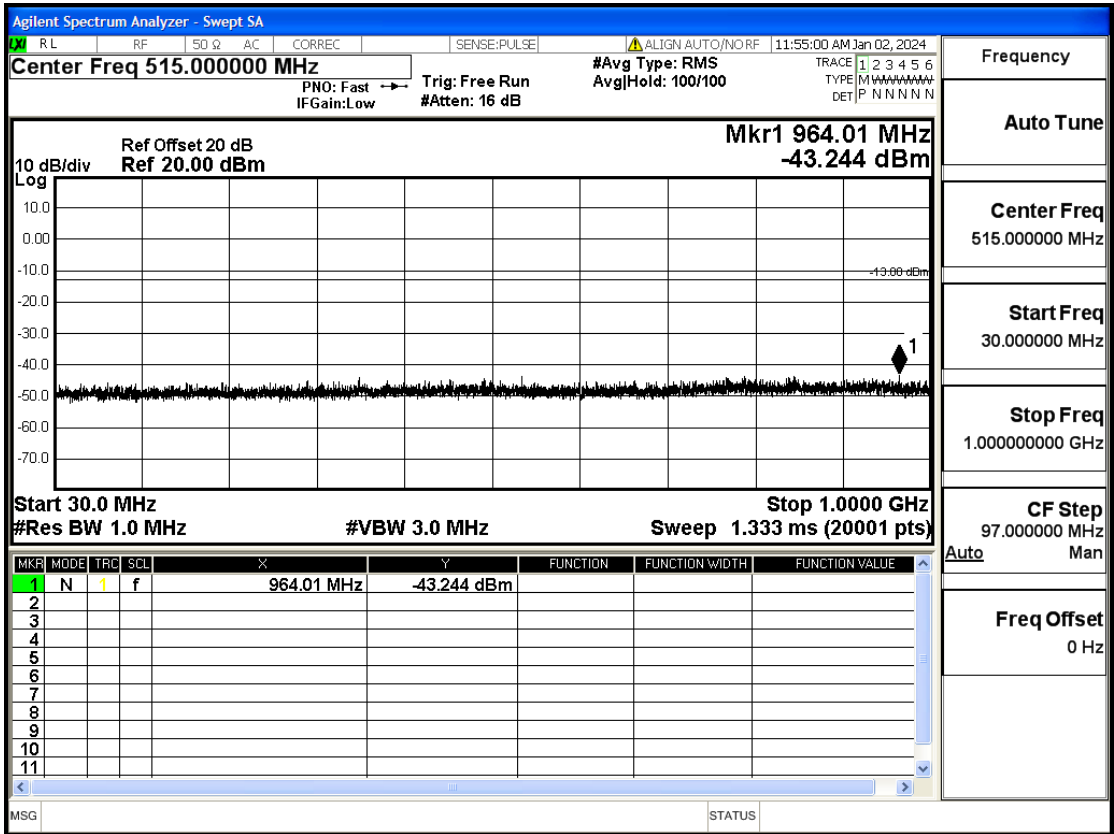
OB2-15-1902.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



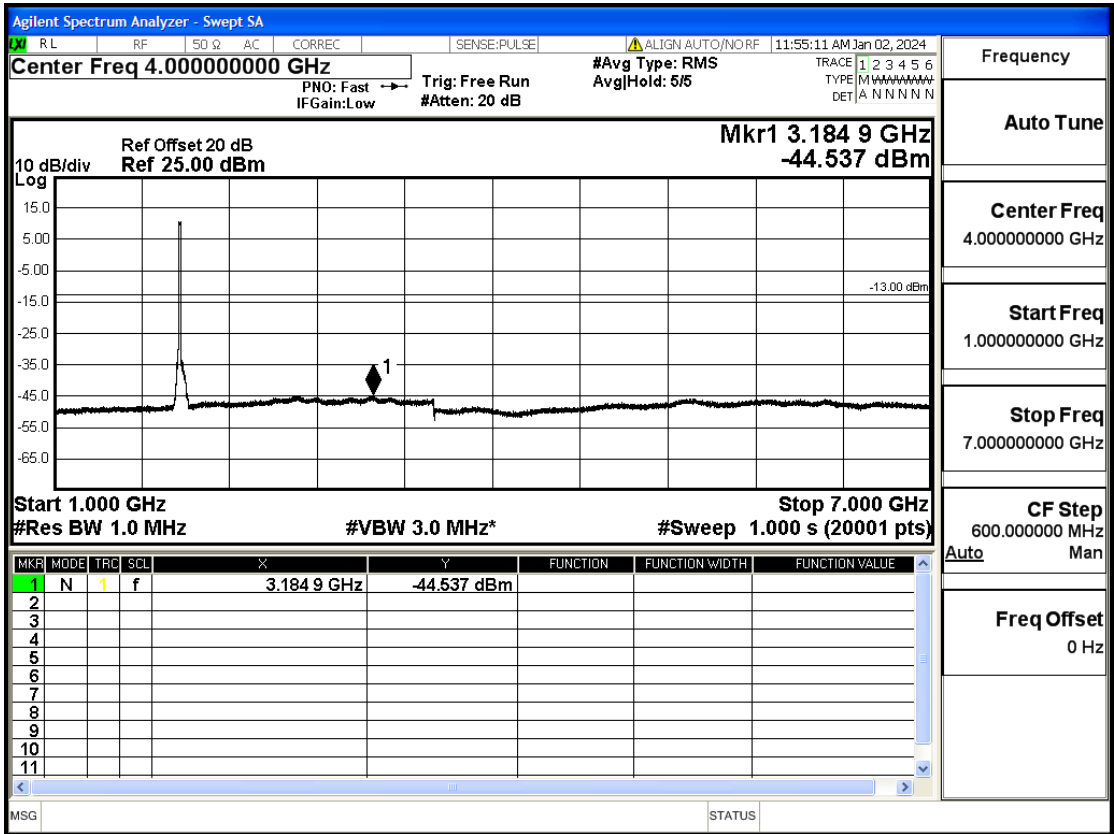
OB2-15-1902.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



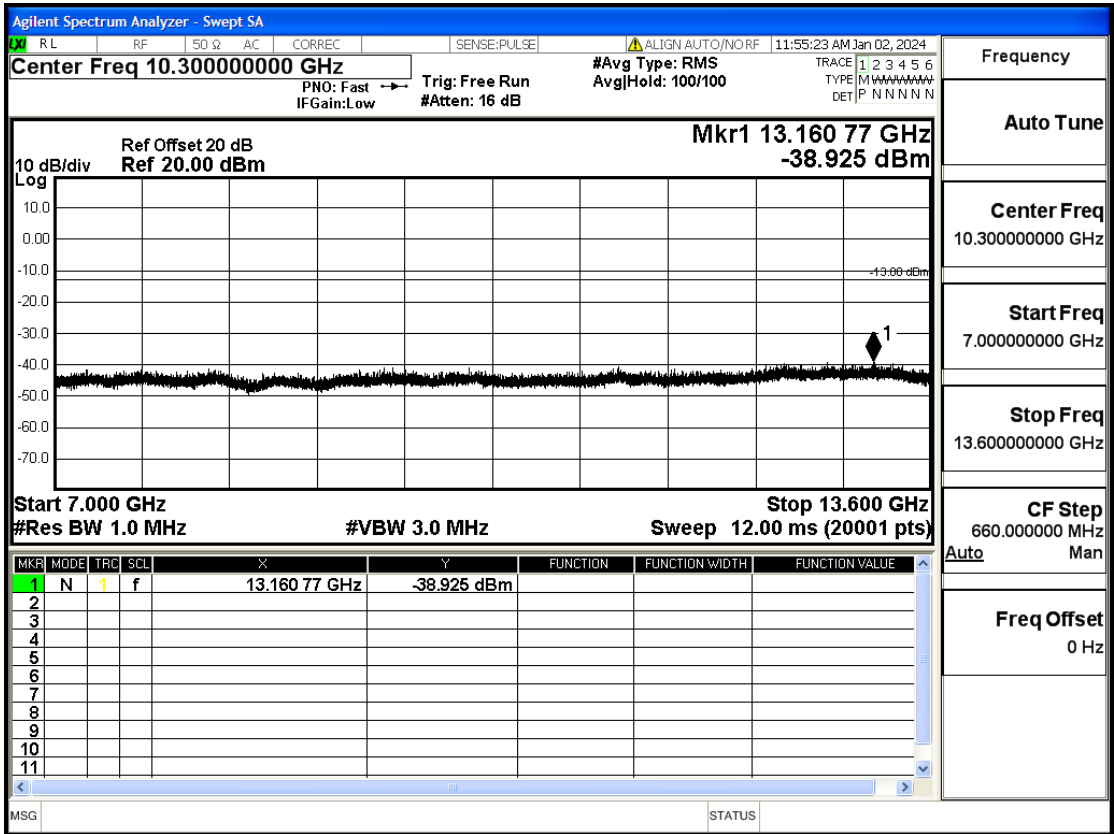
OB2-20-1860-QPSK-100#LOW@30mHz-1GHz@Pass



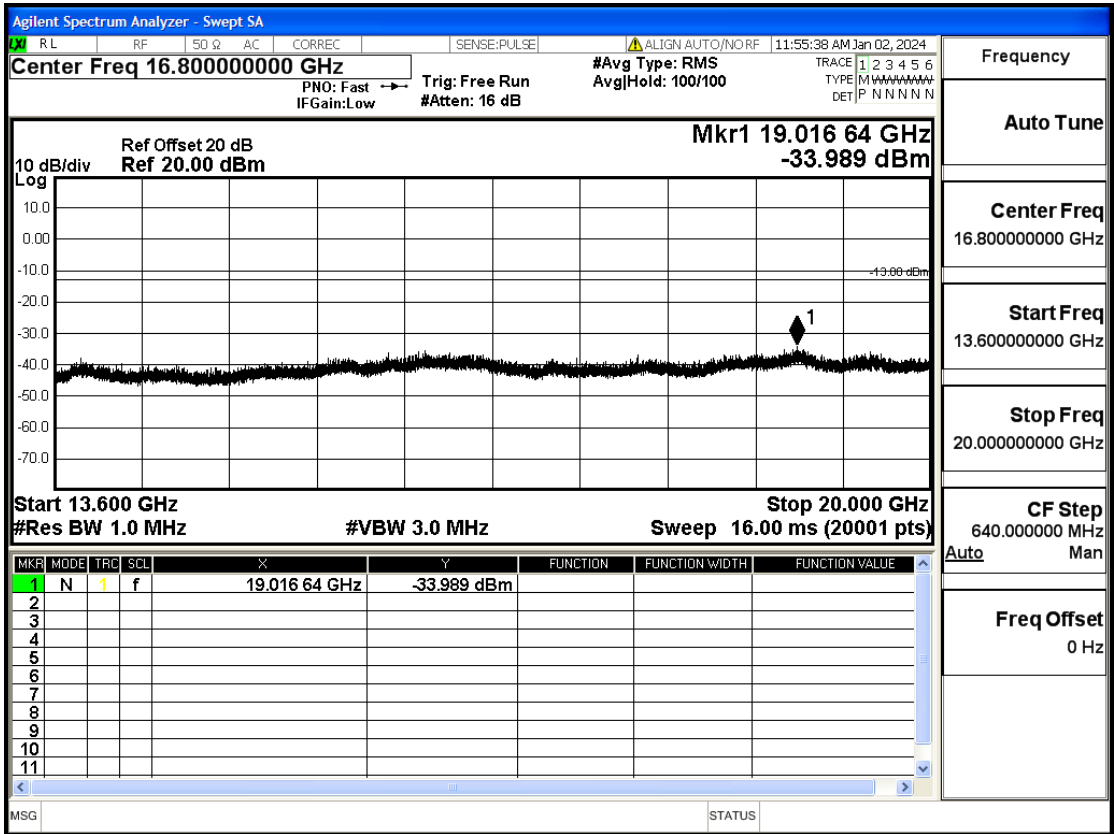
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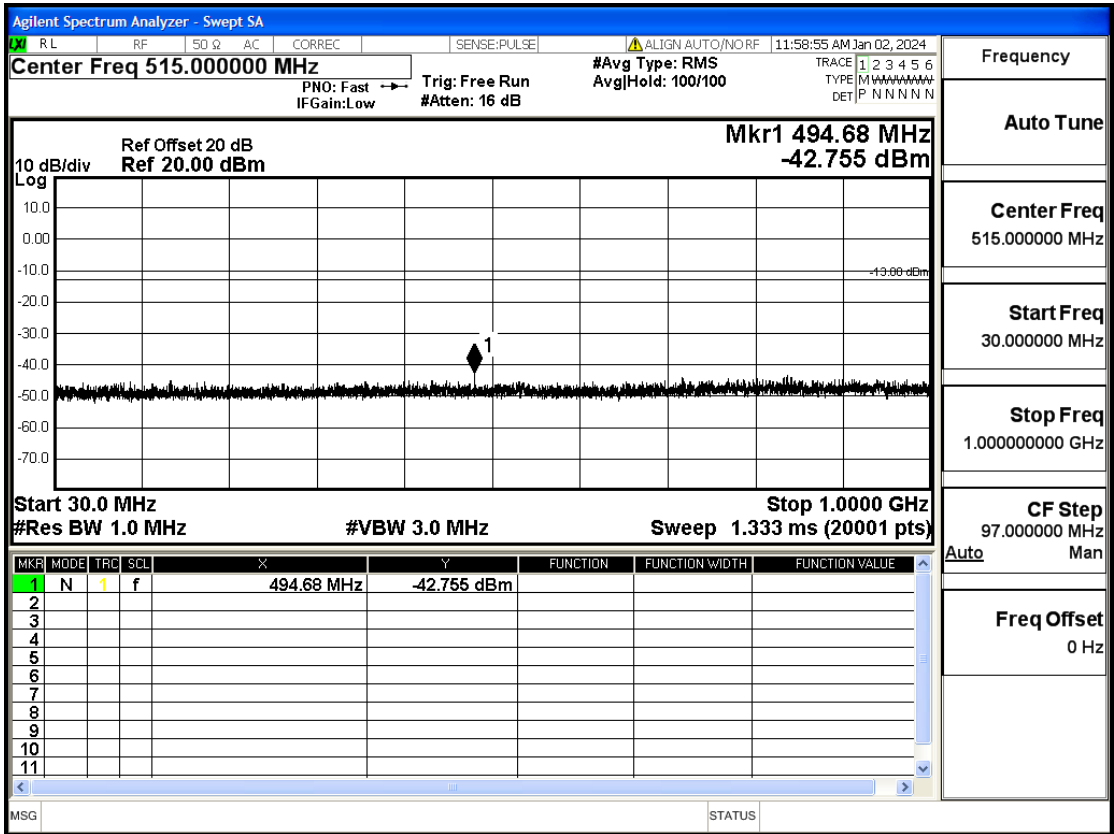
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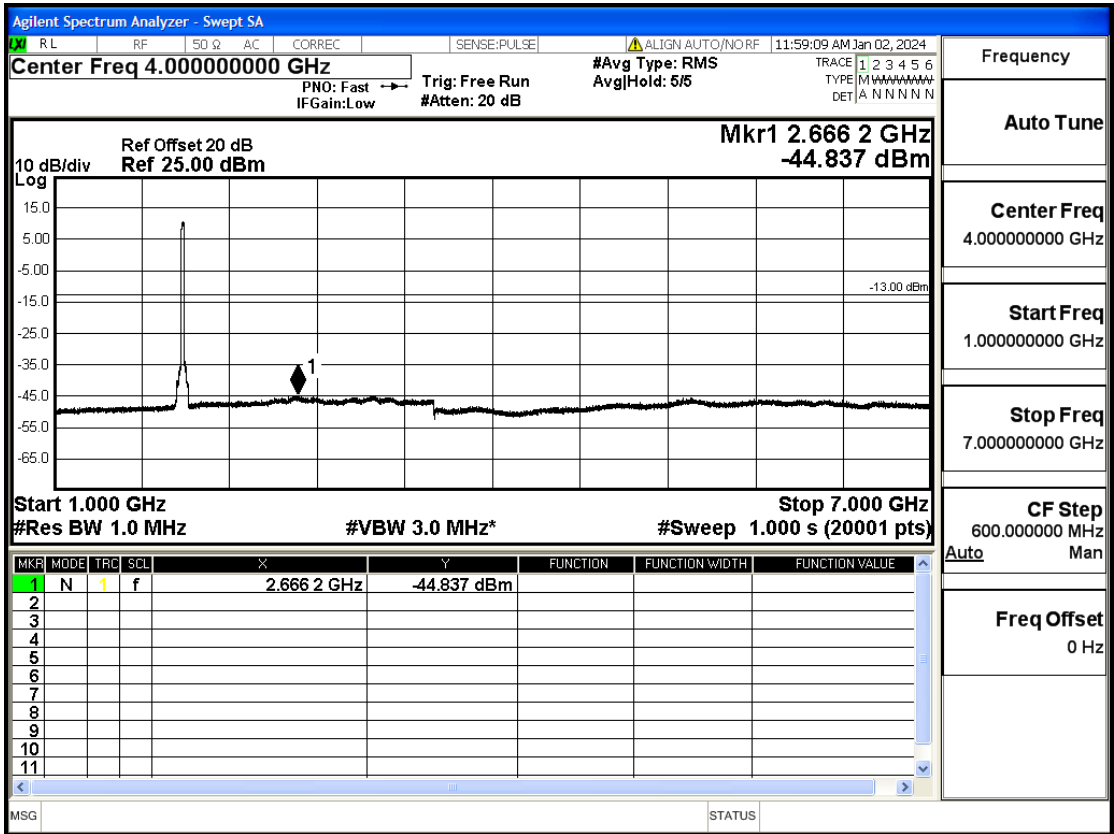
OB2-20-1860-QPSK-100#LOW@13.6GHz-20GHz@Pass



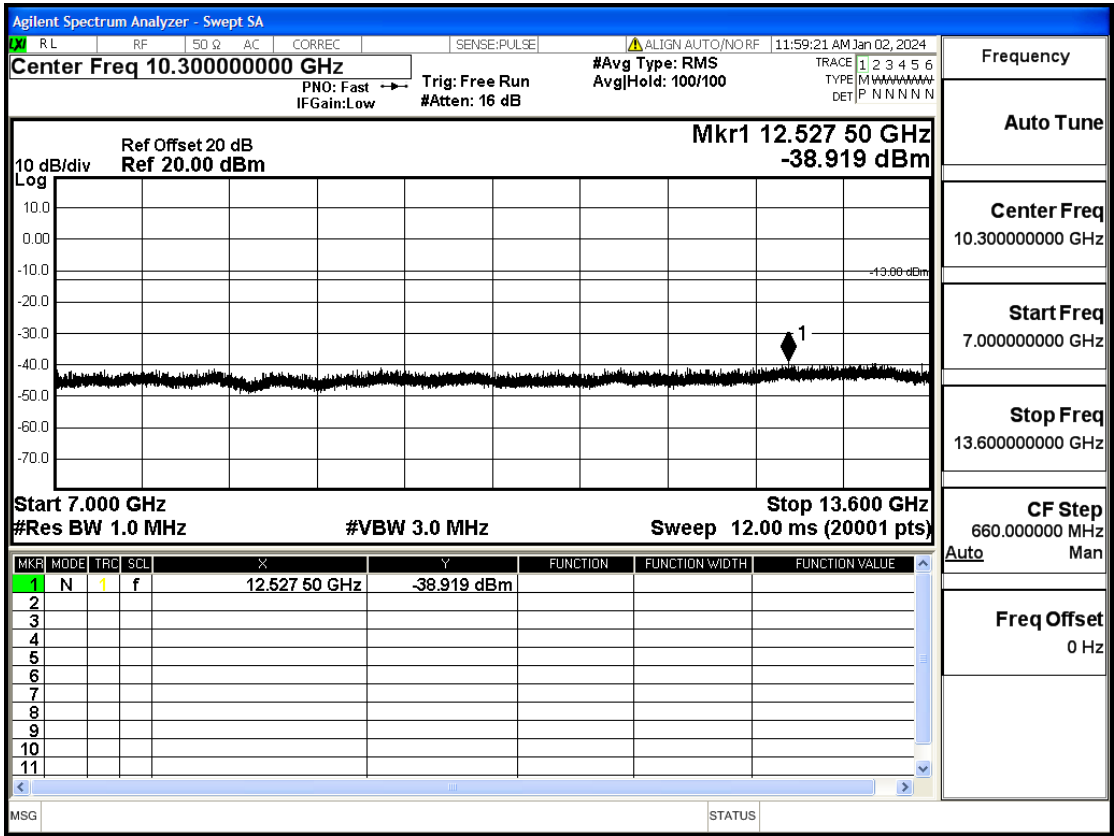
OB2-20-1880-QPSK-100#LOW@30mHz-1GHz@Pass



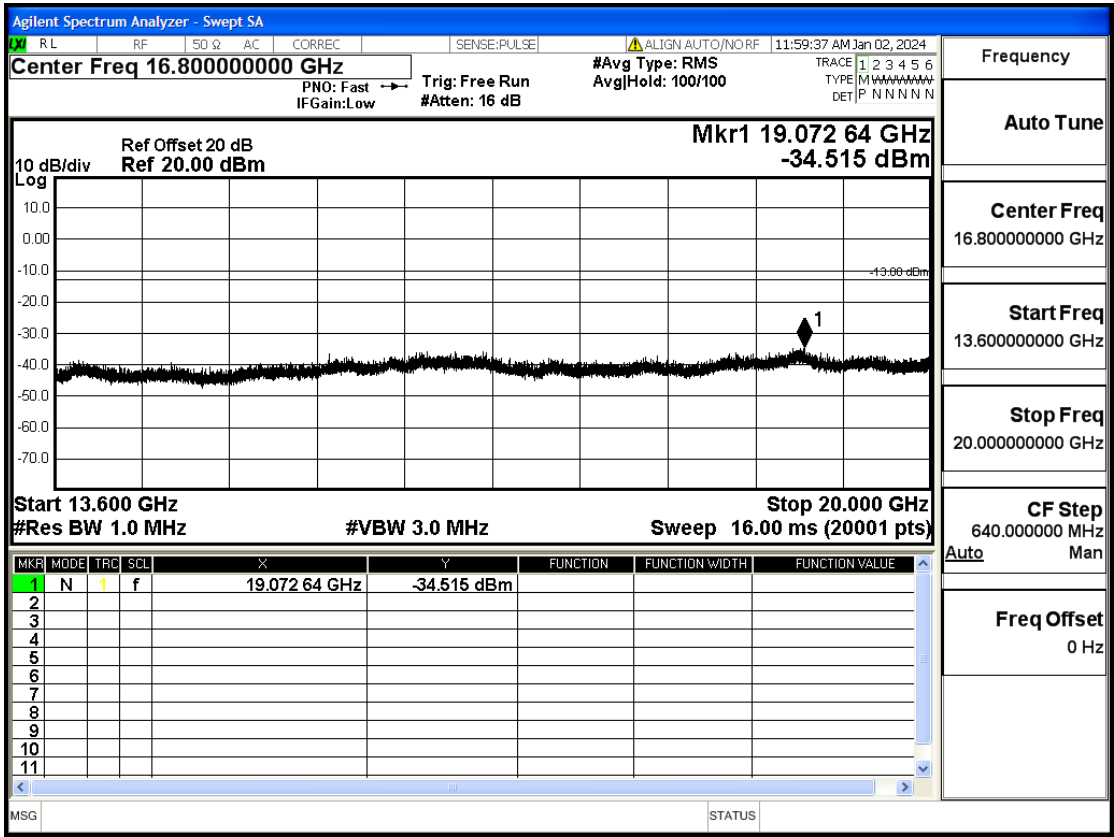
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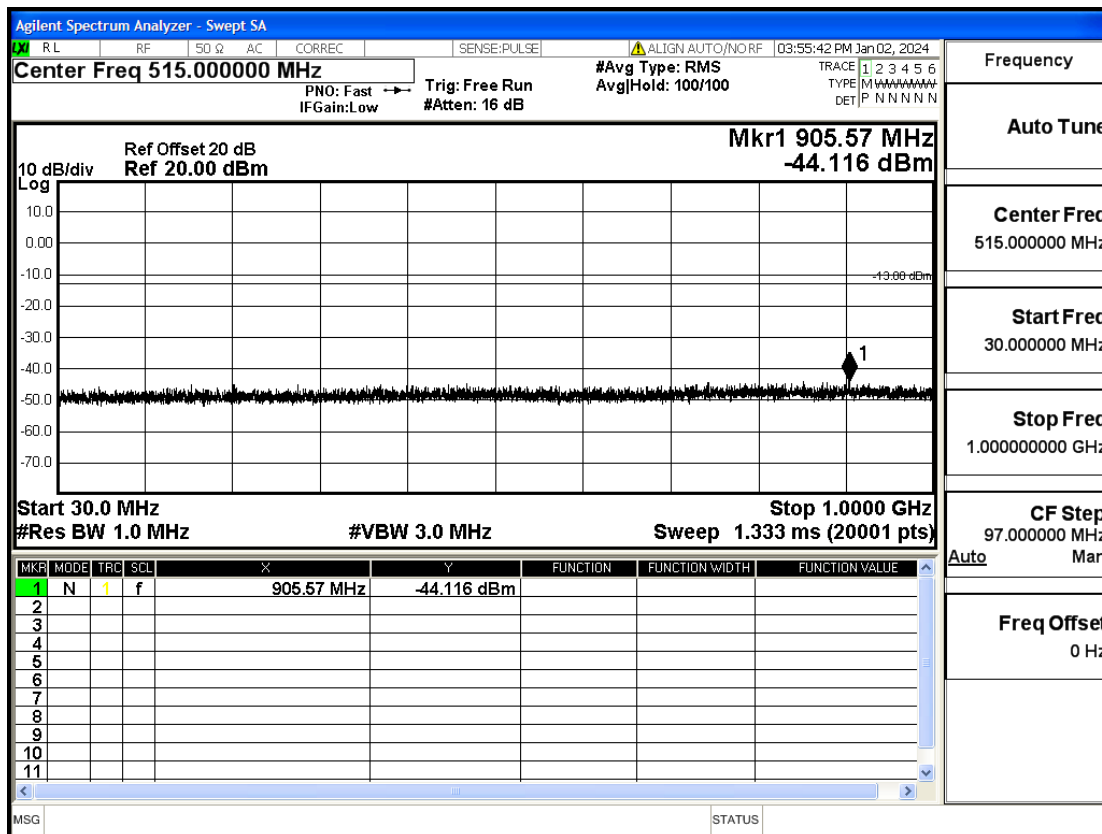
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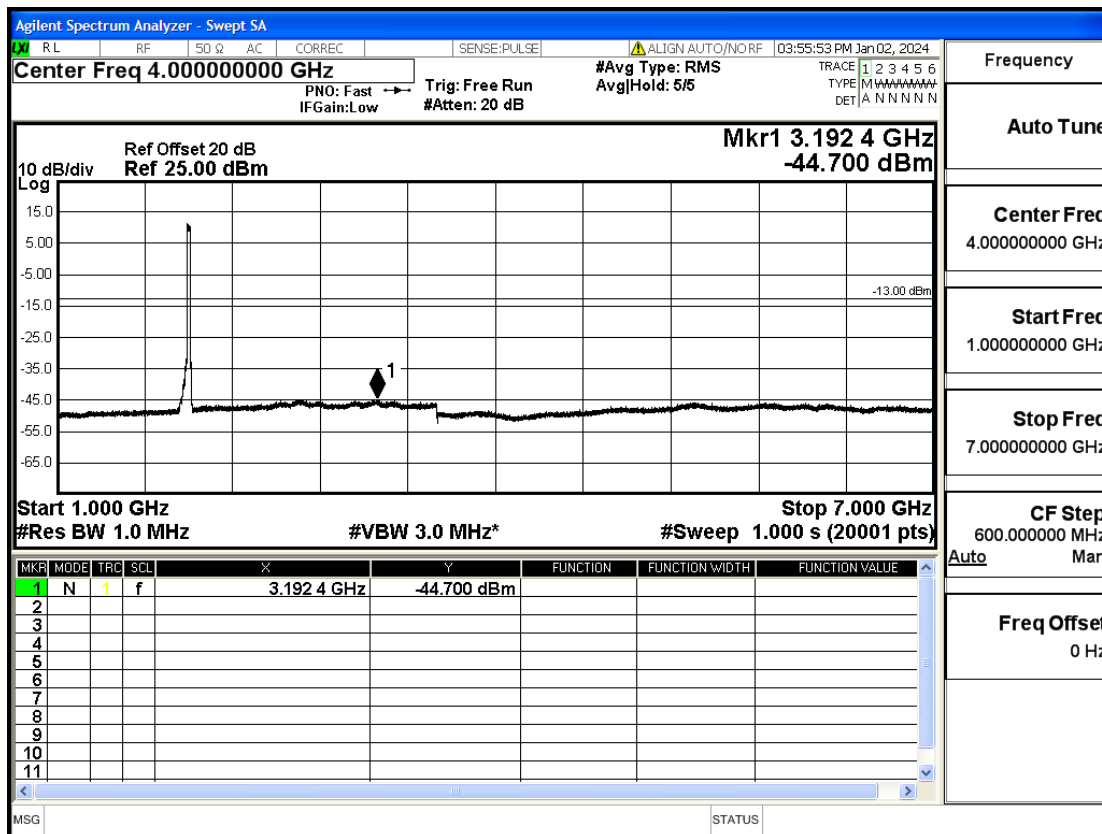
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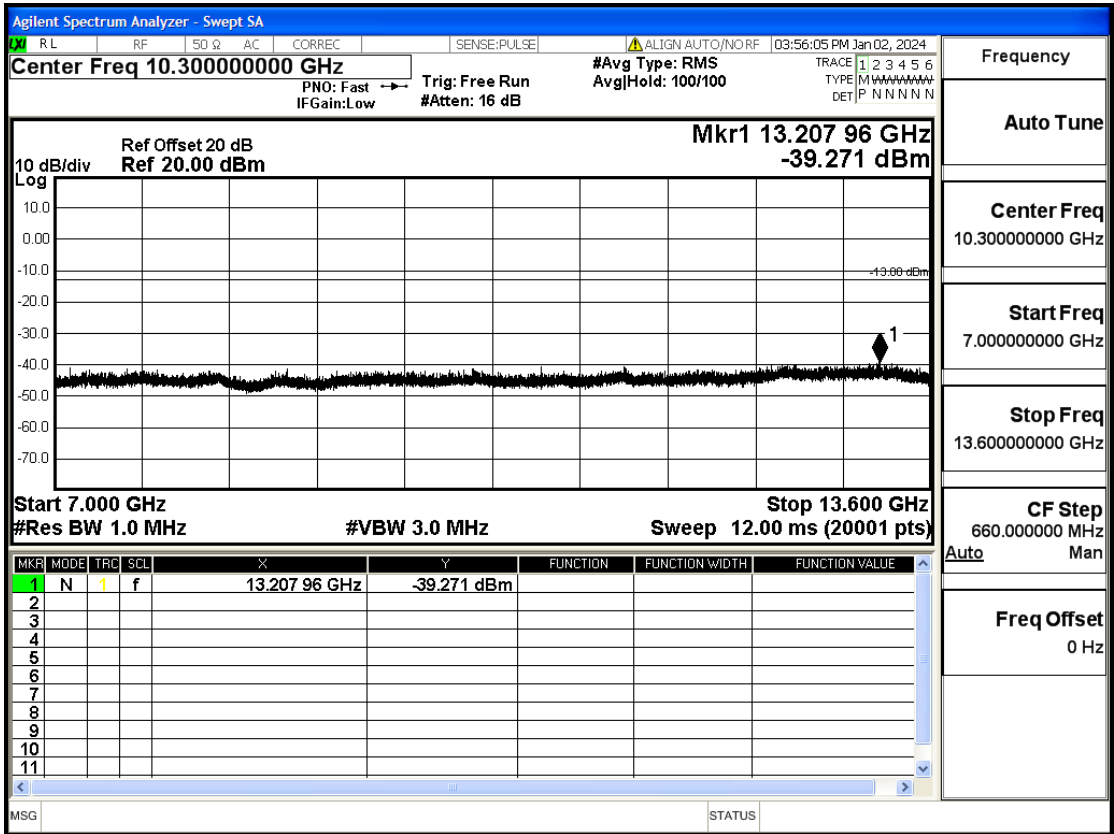
OB2-20-1900-QPSK-100#LOW@30mHz-1GHz@Pass



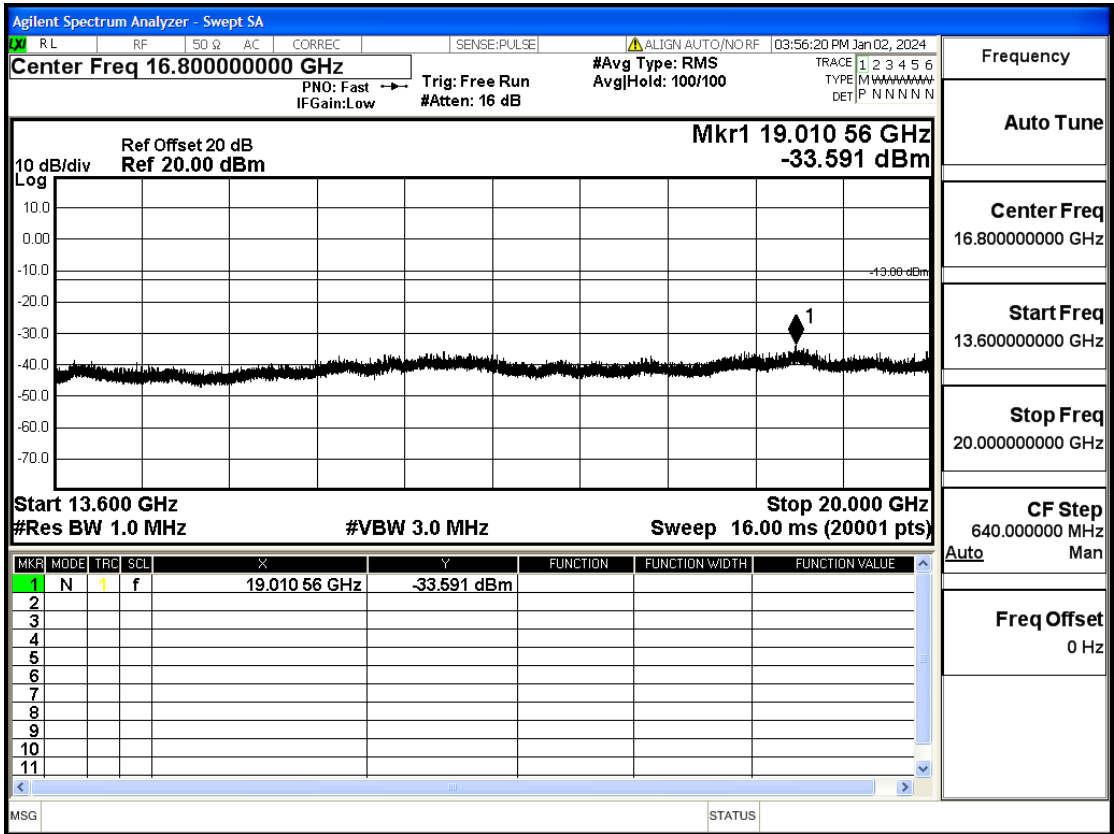
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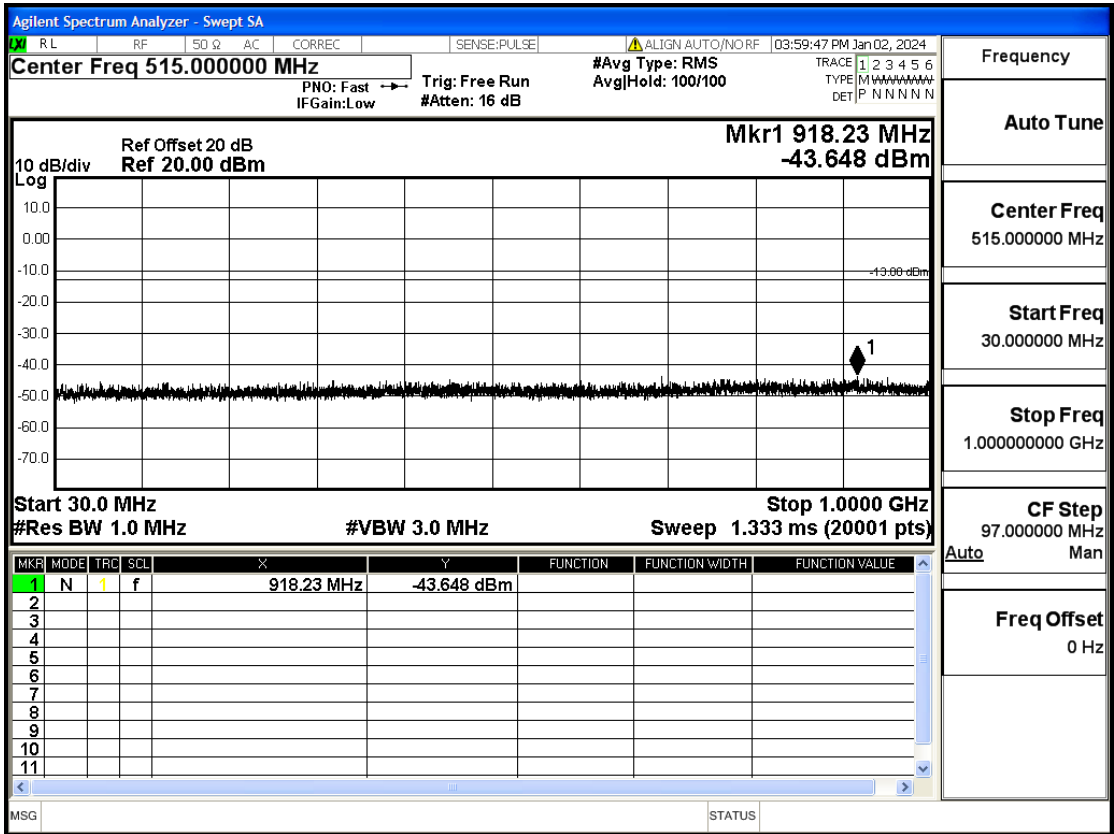
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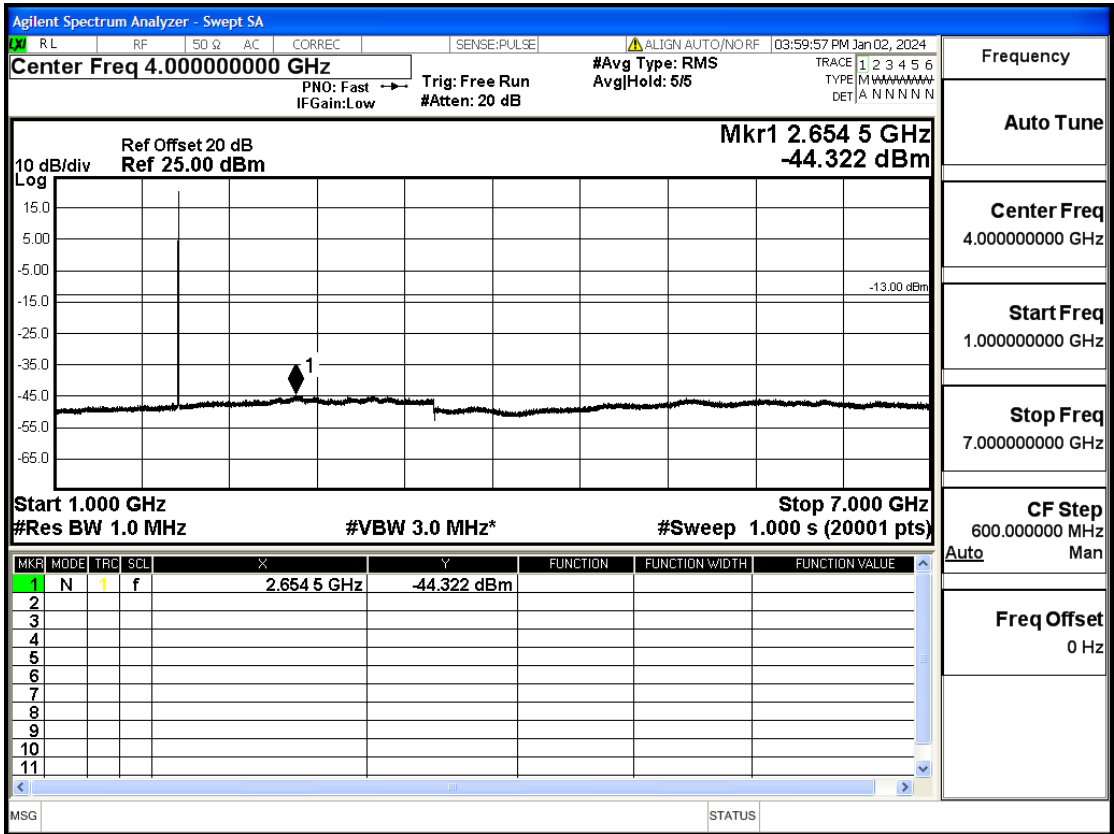
OB2-20-1900-QPSK-100#LOW@13.6GHz-20GHz@Pass



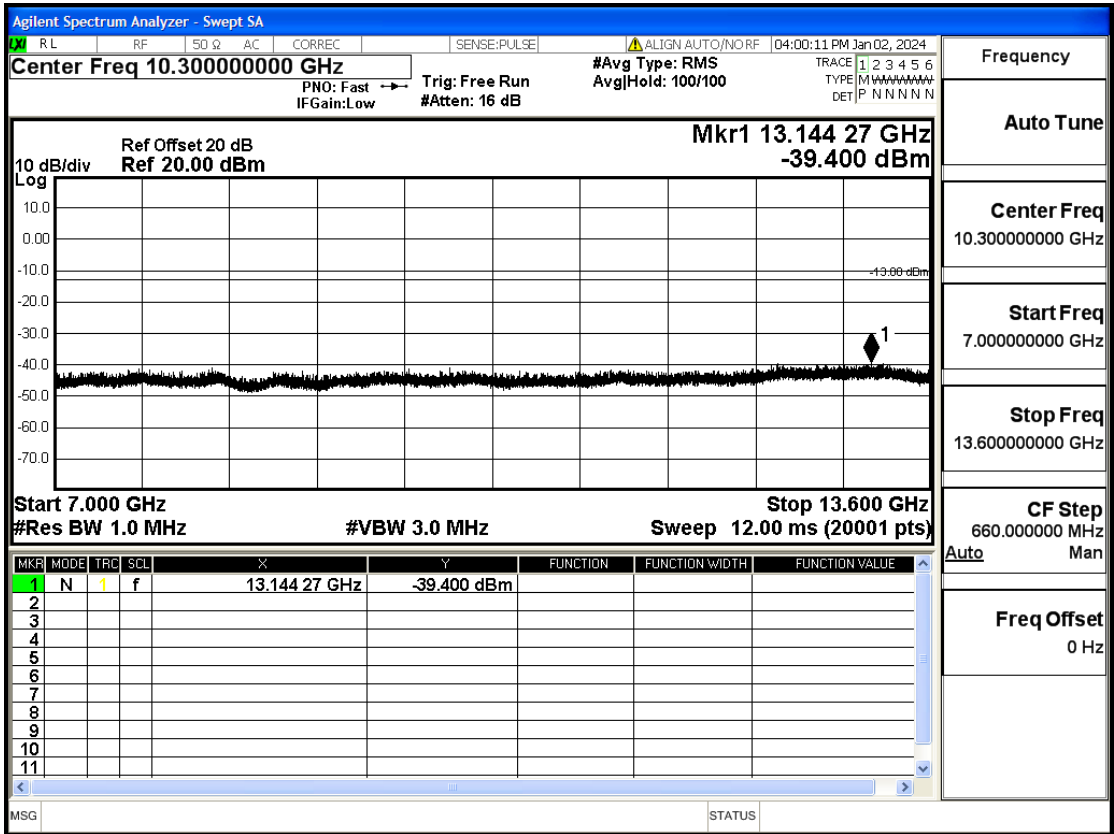
OB2-1.4-1850.7-Q16-6#LOW@30mHz-1GHz@Pass



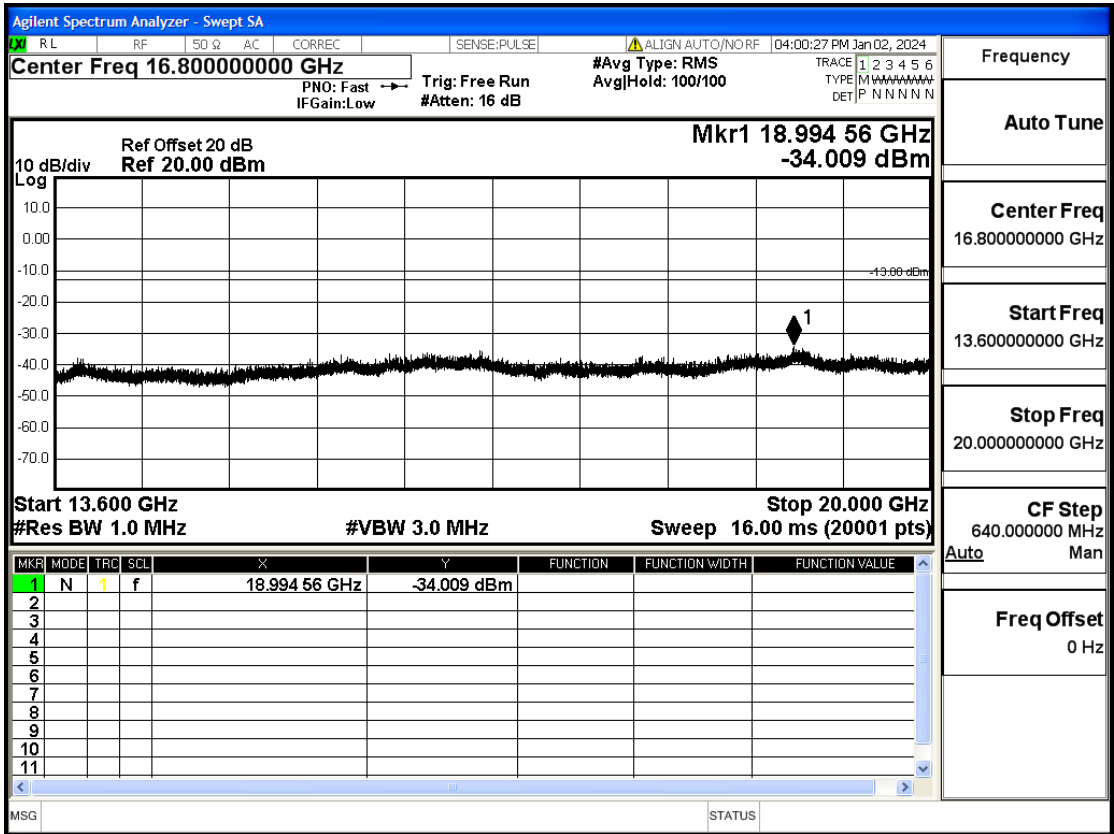
OB2-1.4-1850.7-Q16-6#LOW@1GHz-7GHz@Pass



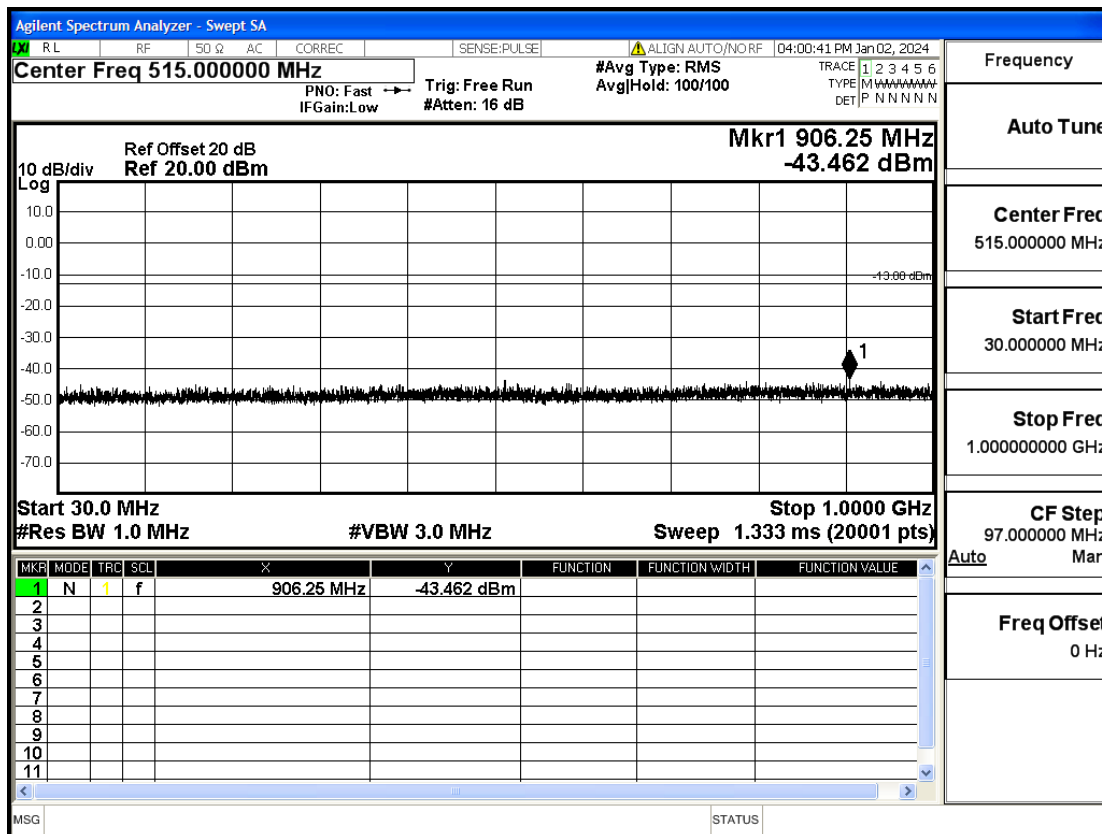
OB2-1.4-1850.7-Q16-6#LOW@7GHz-13.6GHz@Pass



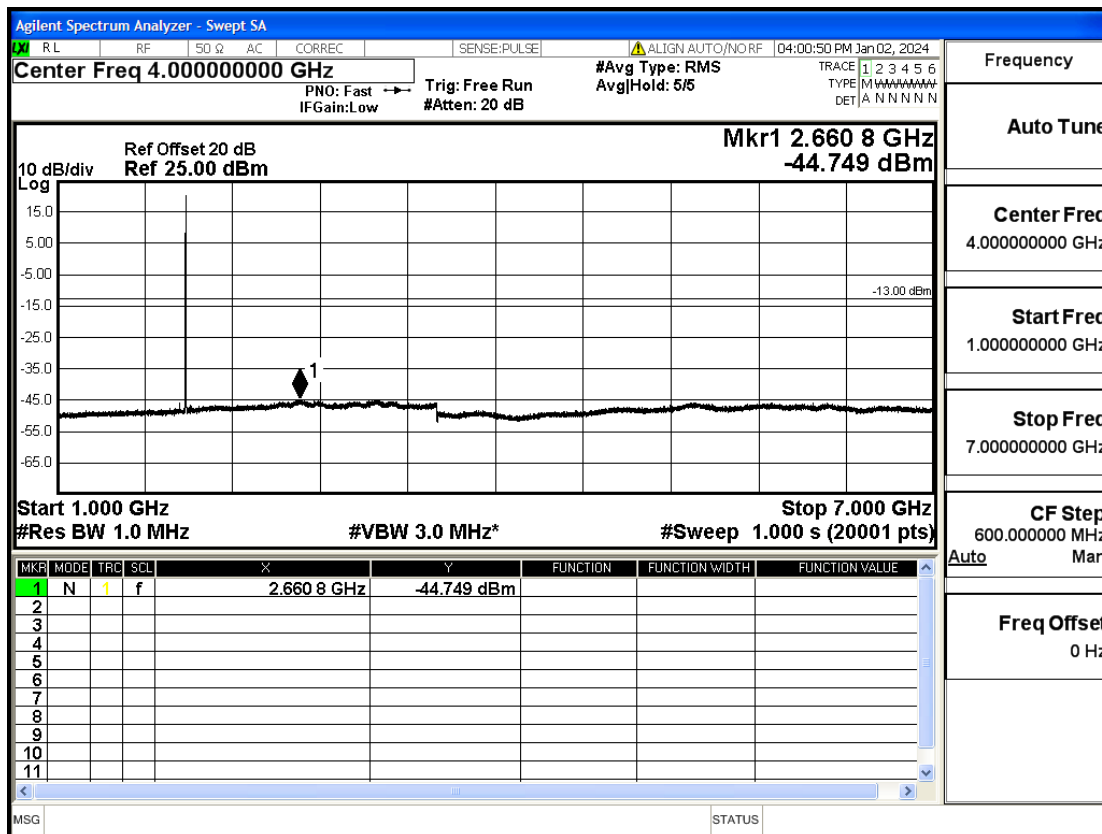
OB2-1.4-1850.7-Q16-6#LOW@13.6GHz-20GHz@Pass



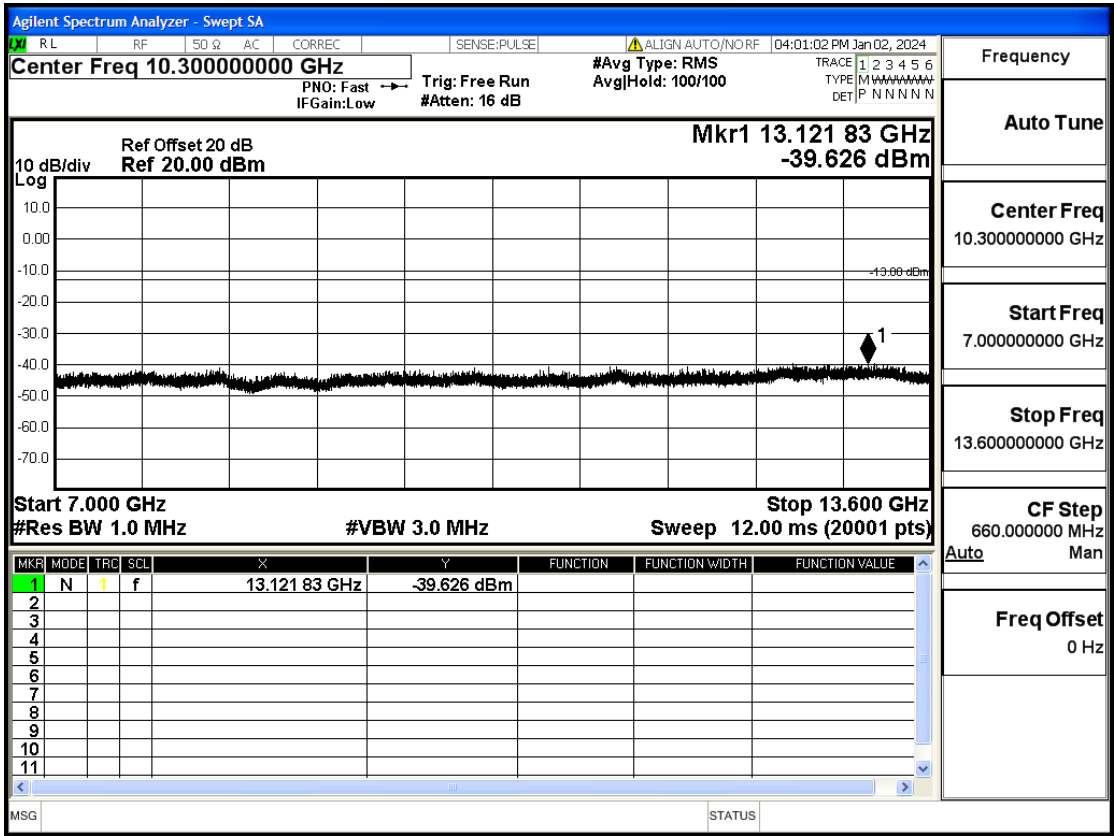
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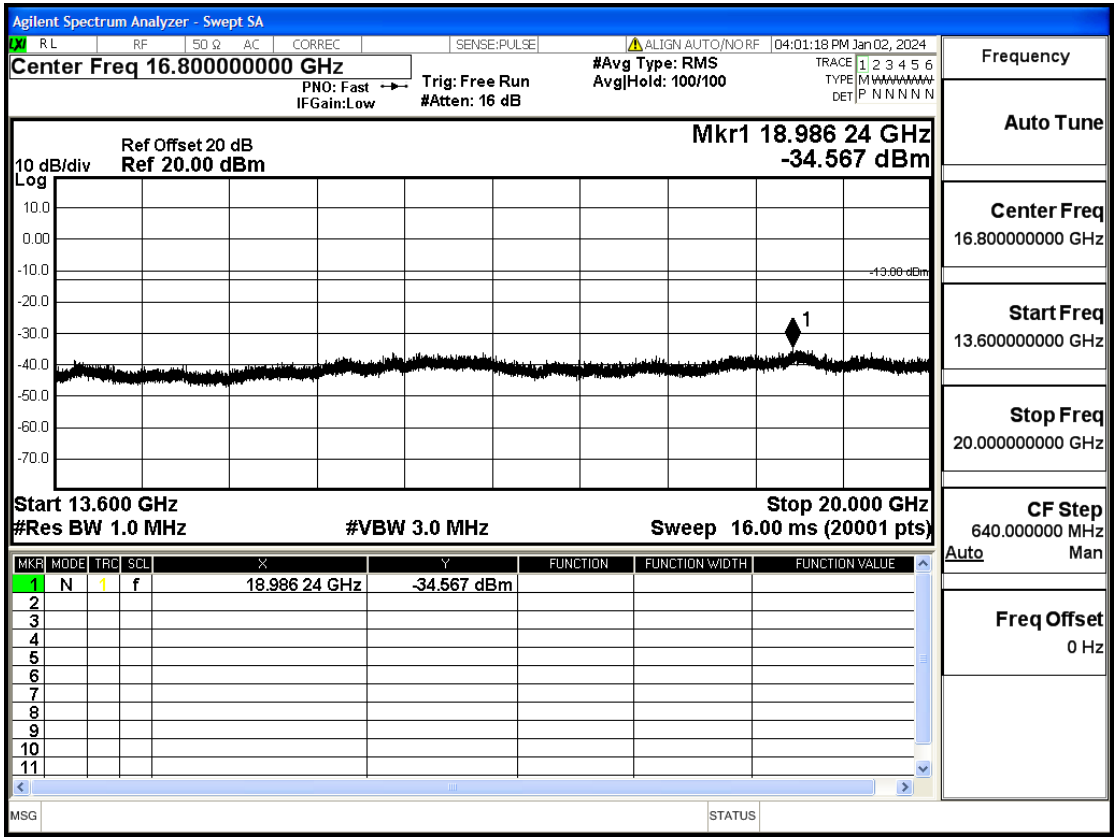
OB2-1.4-1880-Q16-6#LOW@1GHz-7GHz@Pass



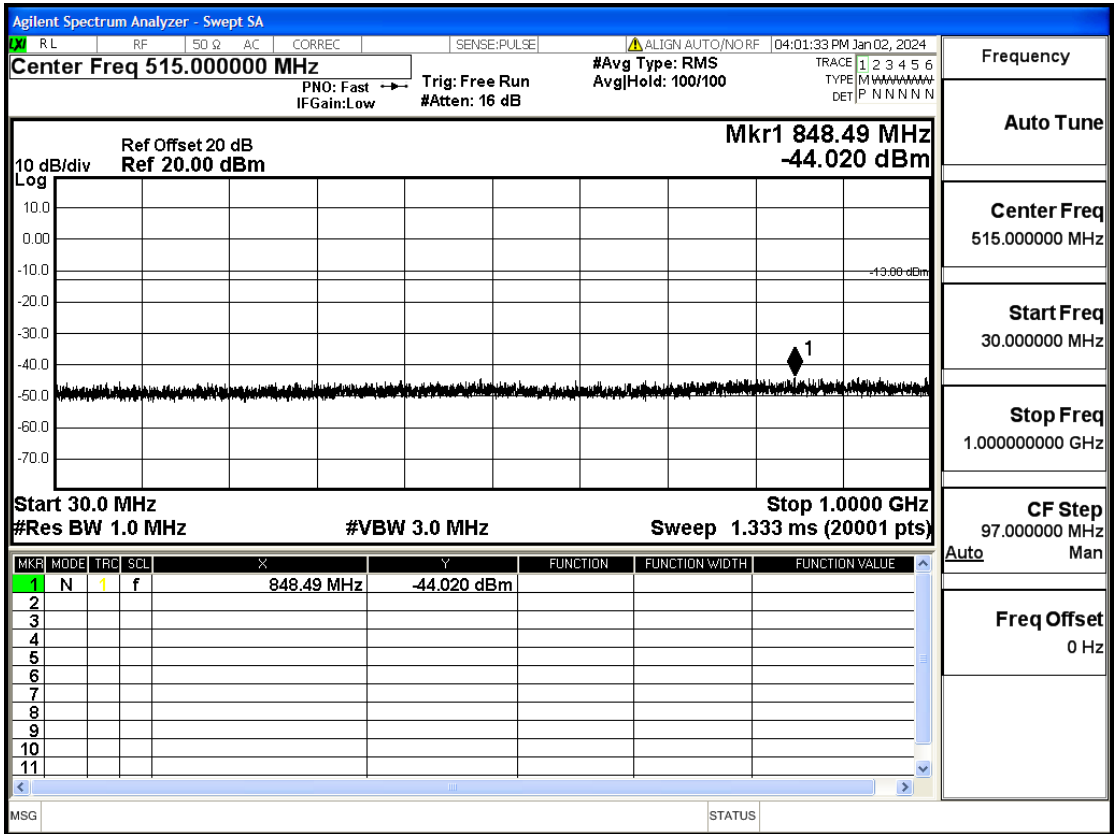
OB2-1.4-1880-Q16-6#LOW@7GHz-13.6GHz@Pass



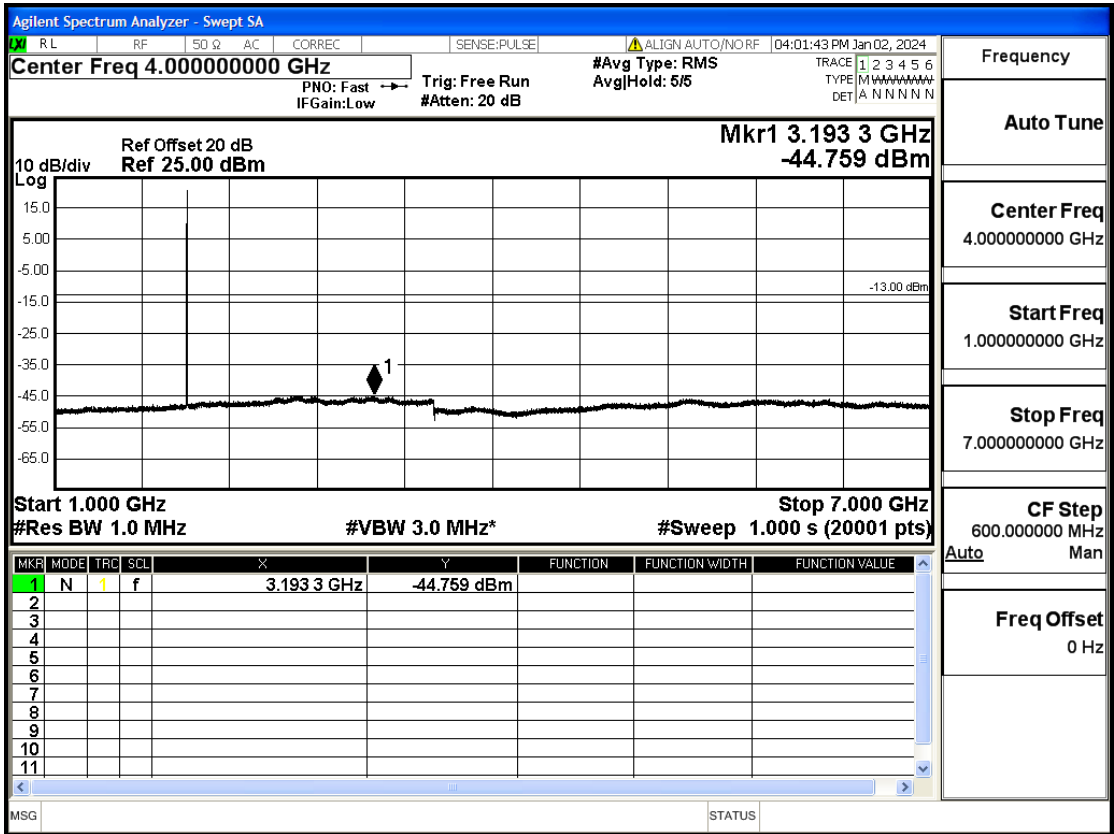
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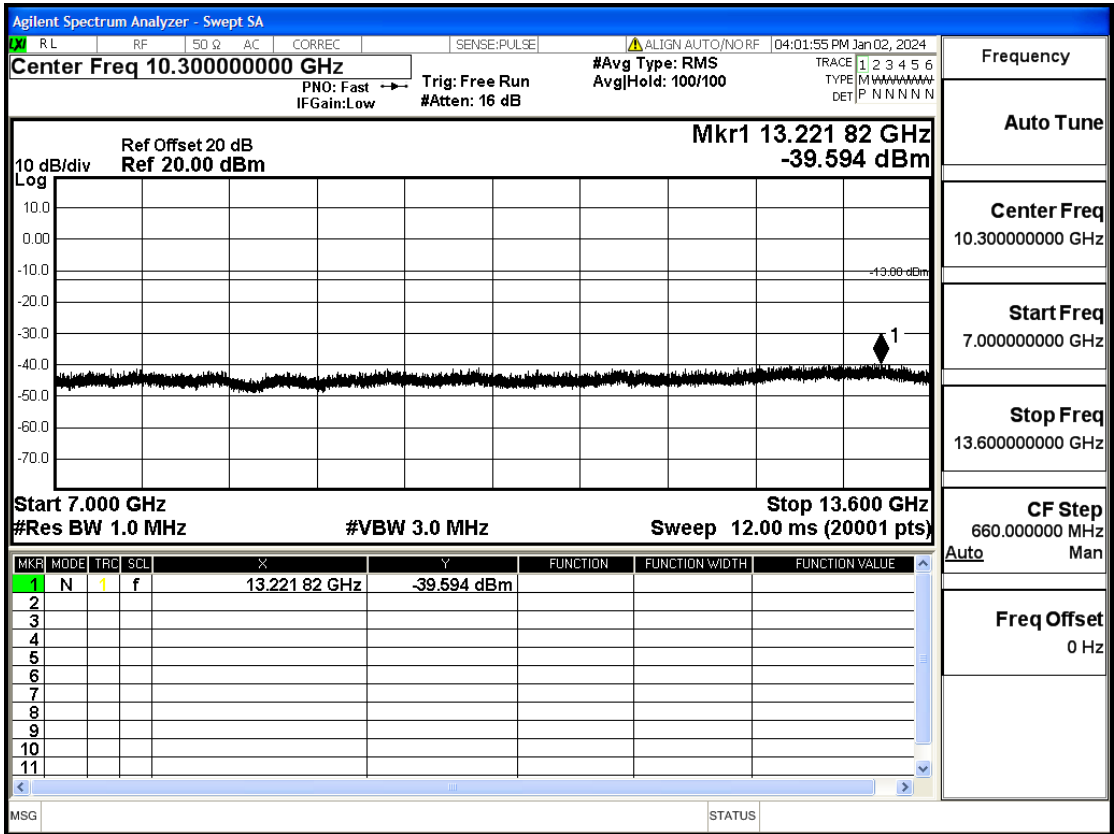
OB2-1.4-1909.3-Q16-6#LOW@30mHz-1GHz@Pass



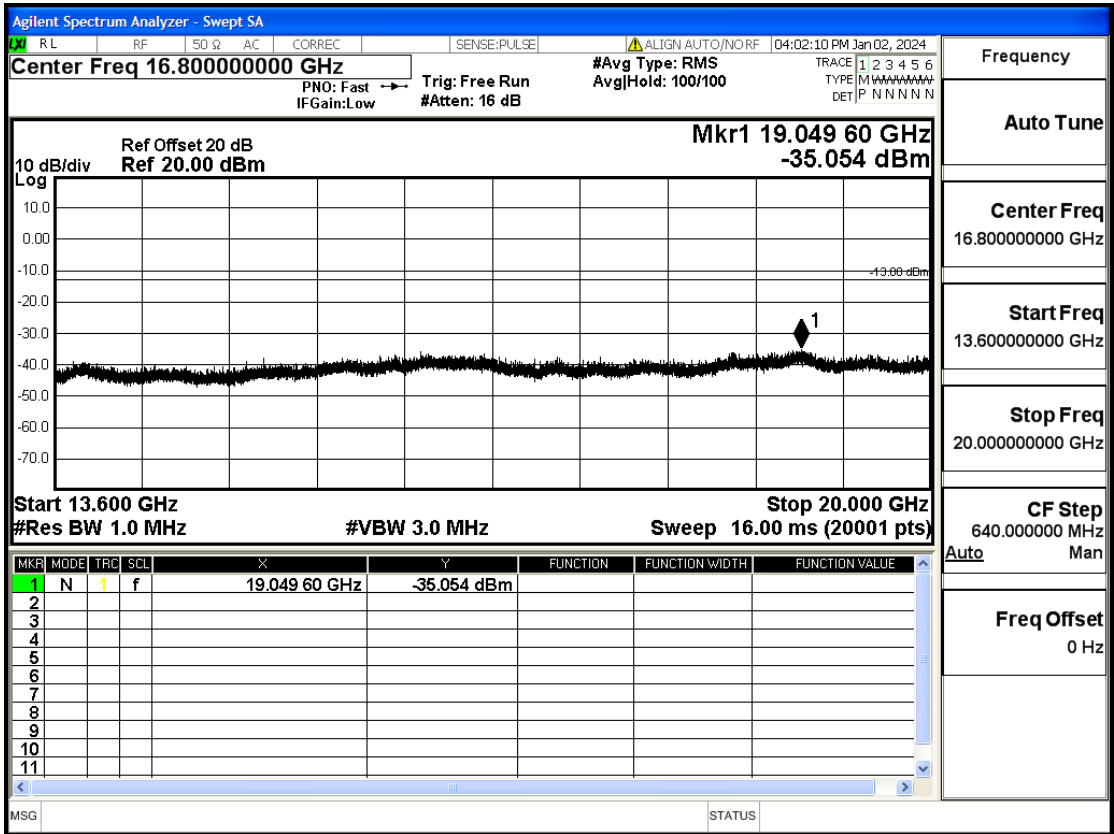
OB2-1.4-1909.3-Q16-6#LOW@1GHz-7GHz@Pass



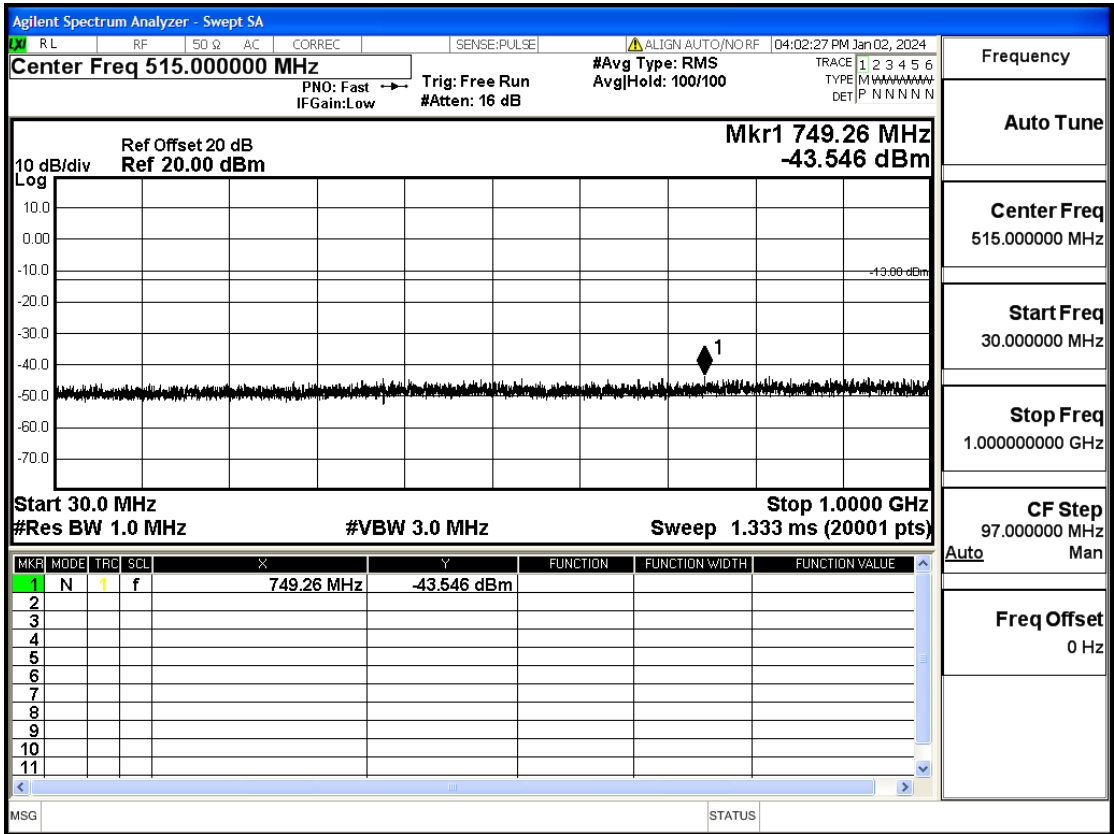
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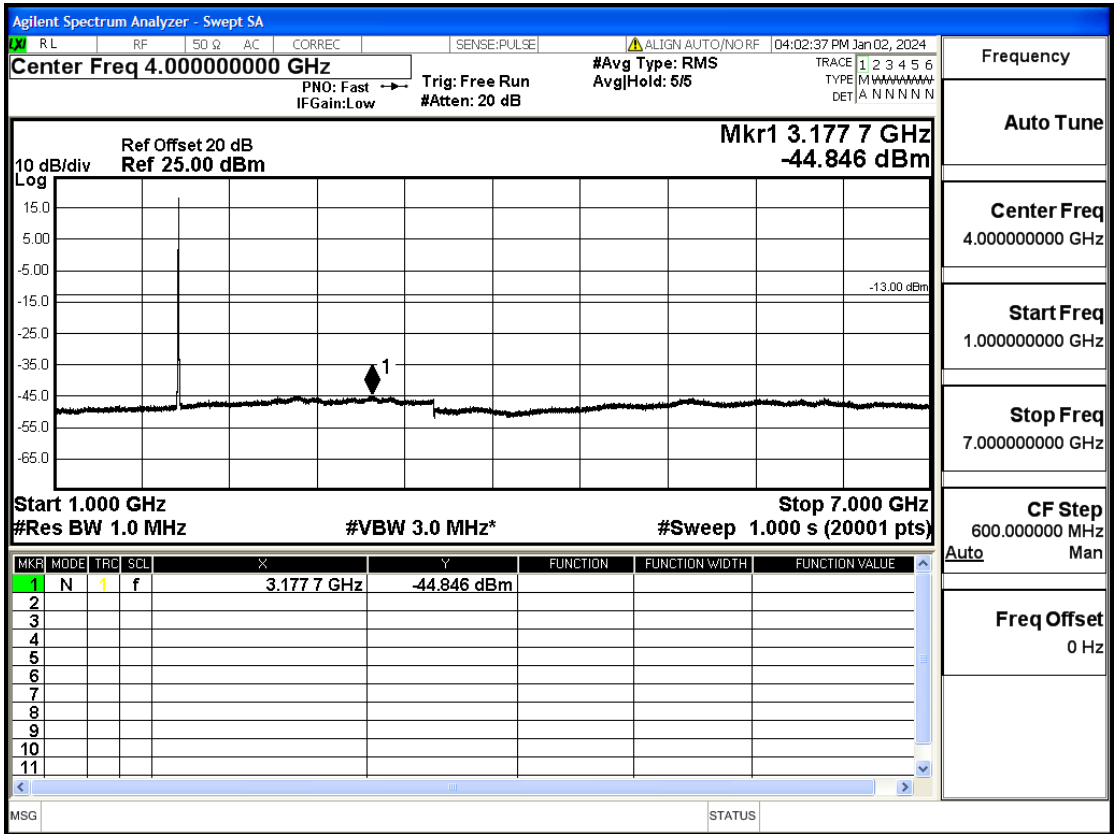
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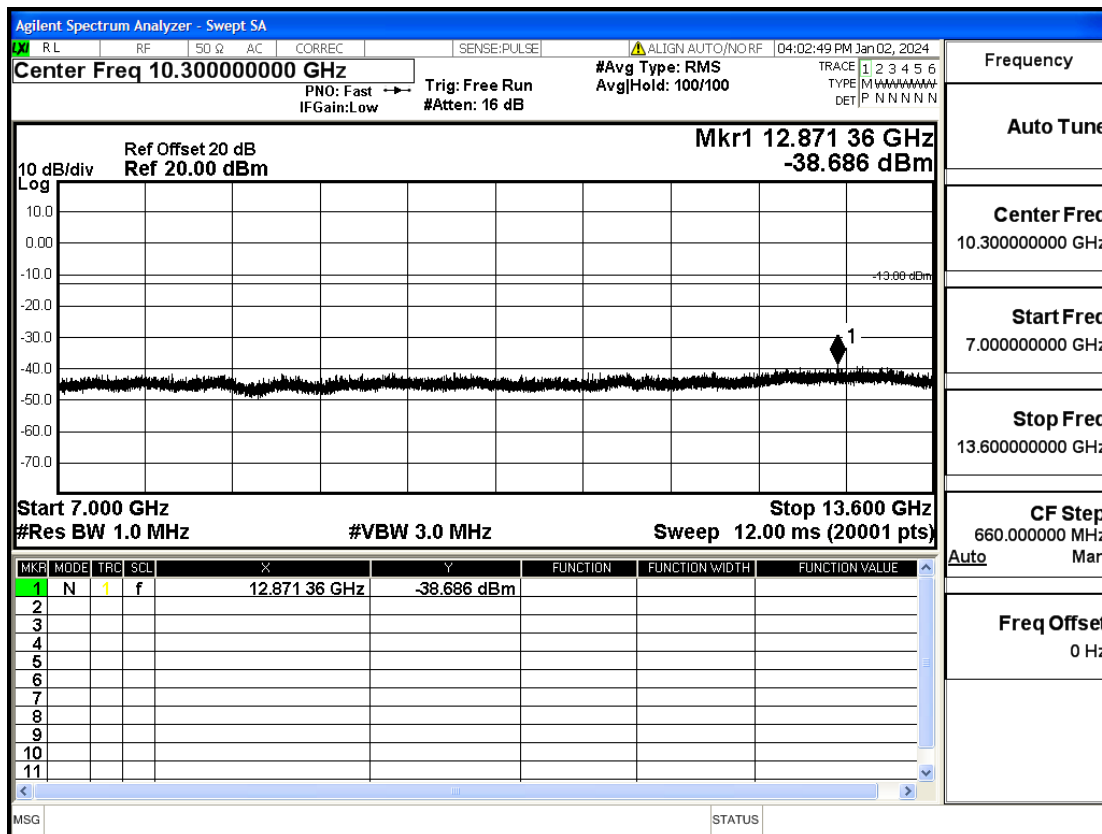
OB2-3-1851.5-Q16-15#LOW@30mHz-1GHz@Pass



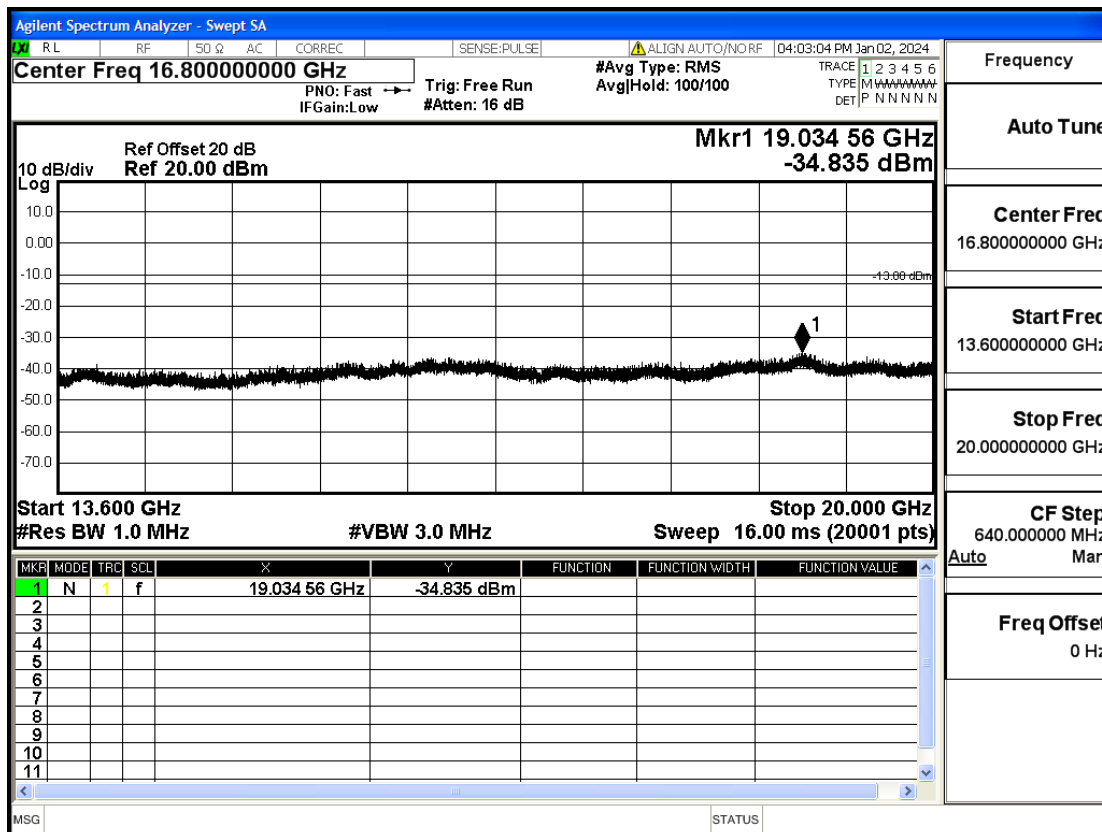
OB2-3-1851.5-Q16-15#LOW@1GHz-7GHz@Pass



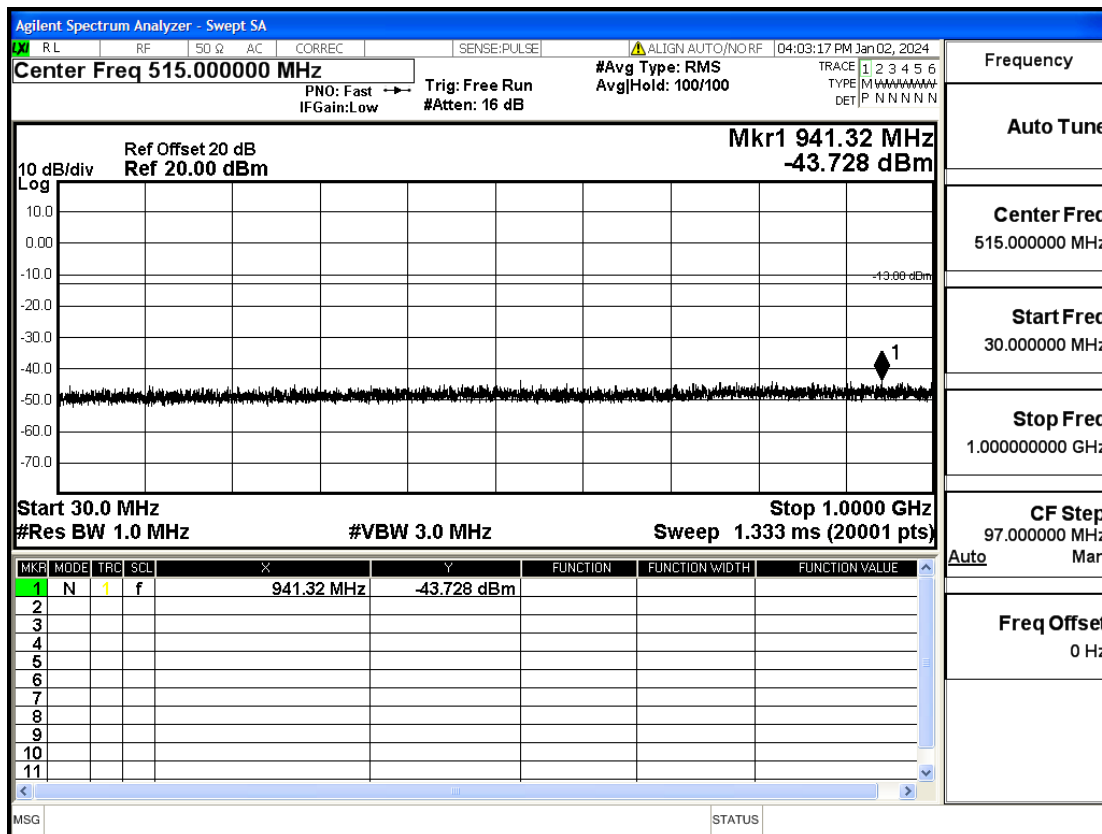
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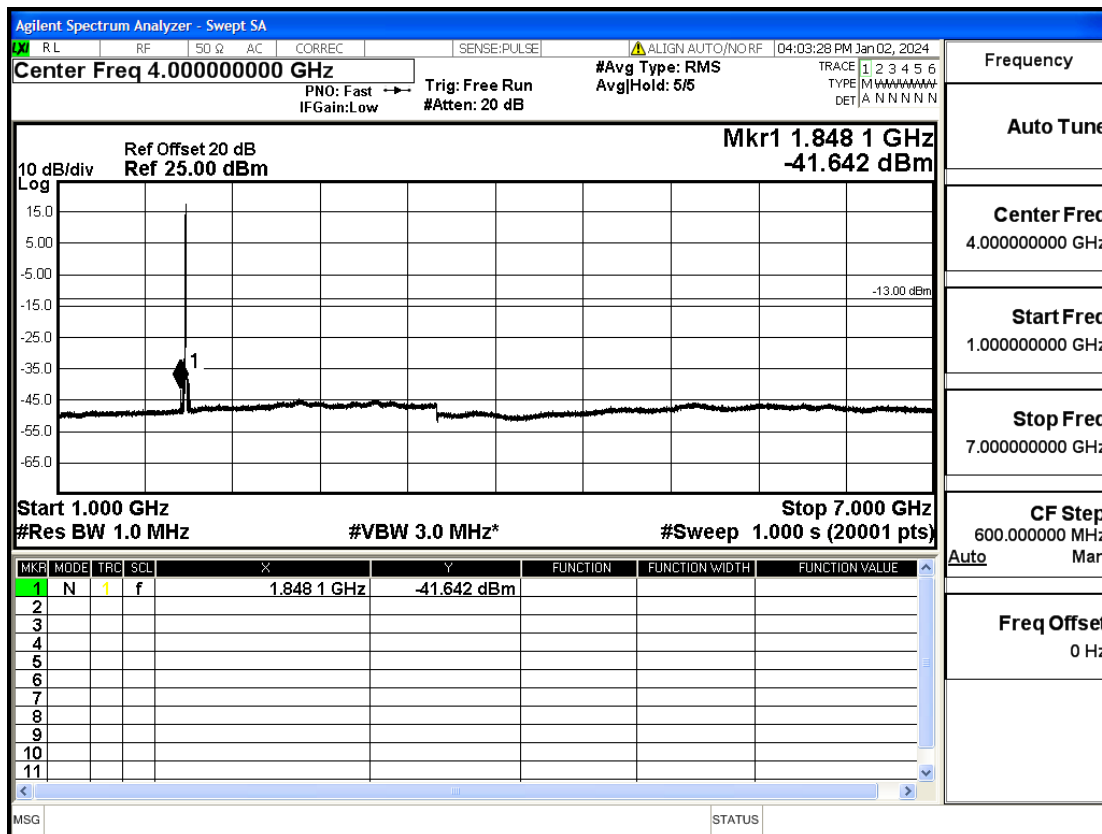
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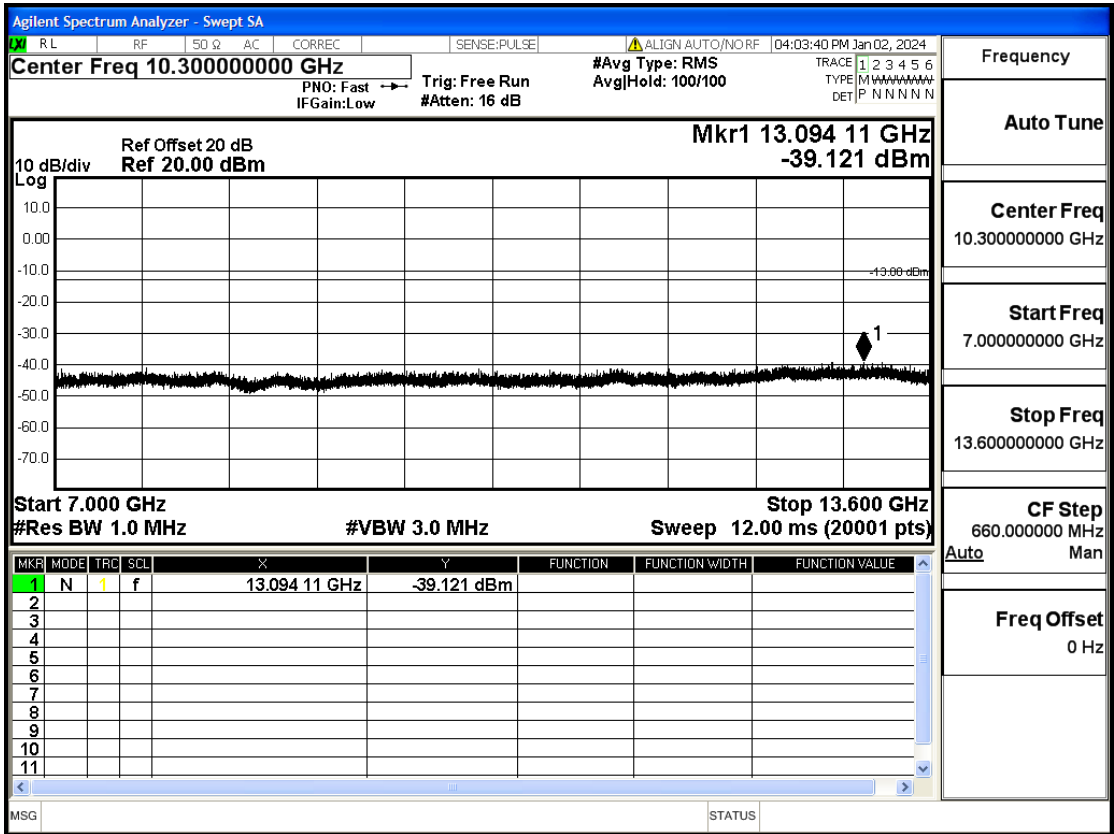
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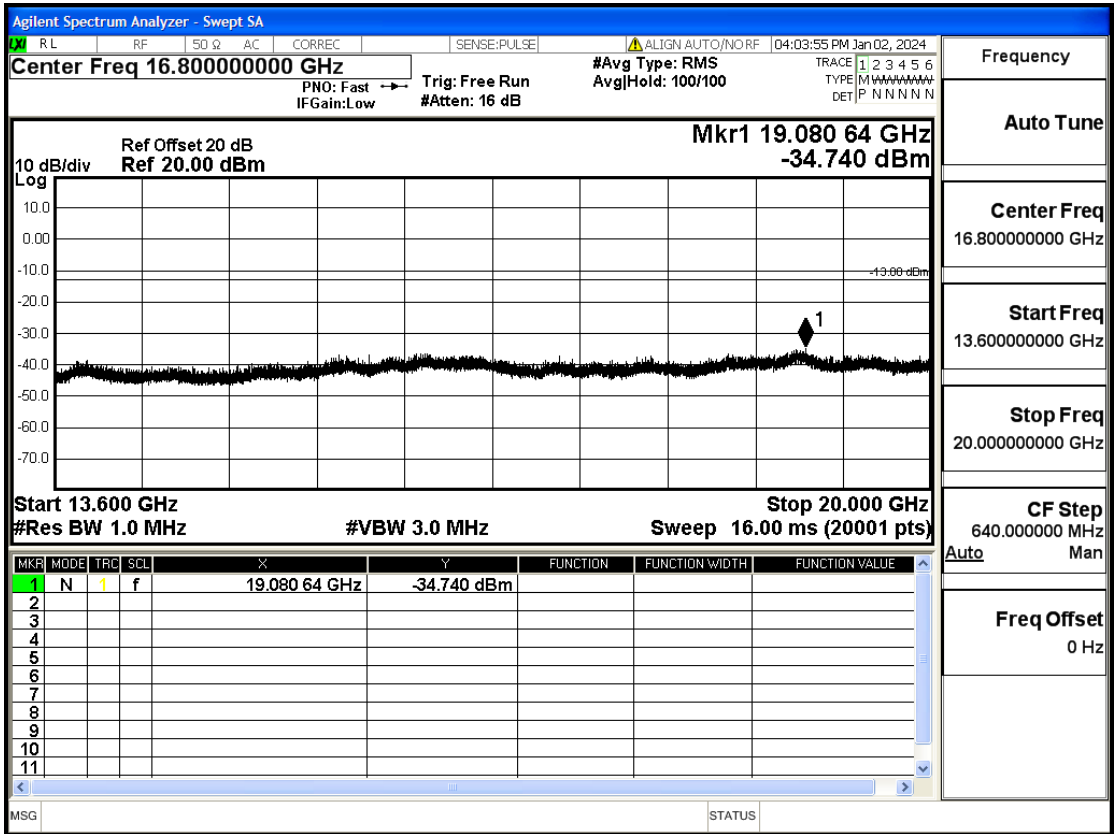
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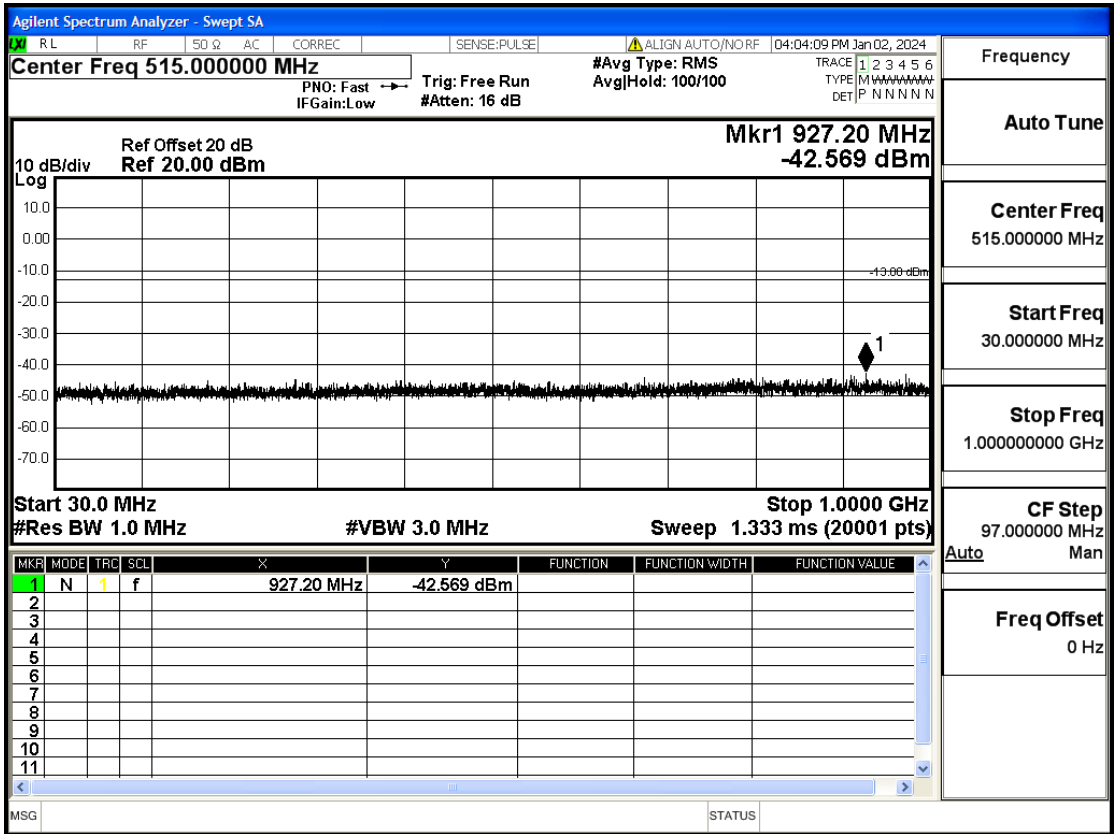
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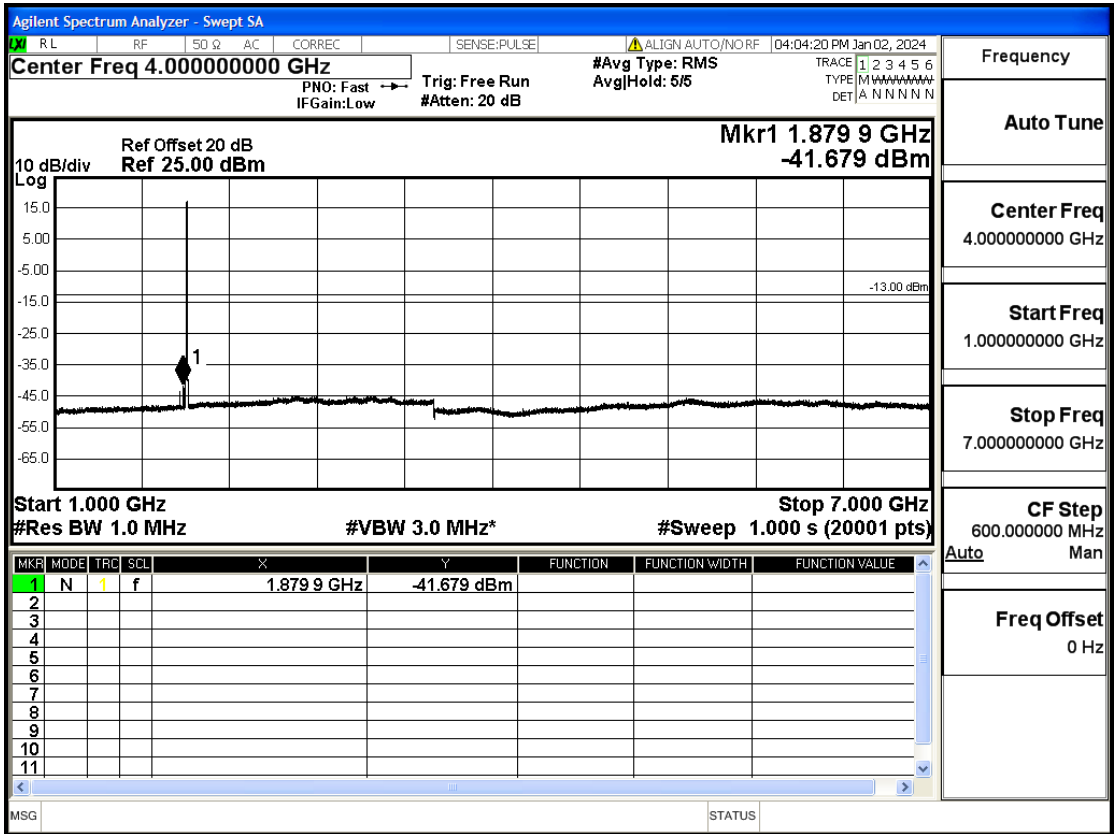
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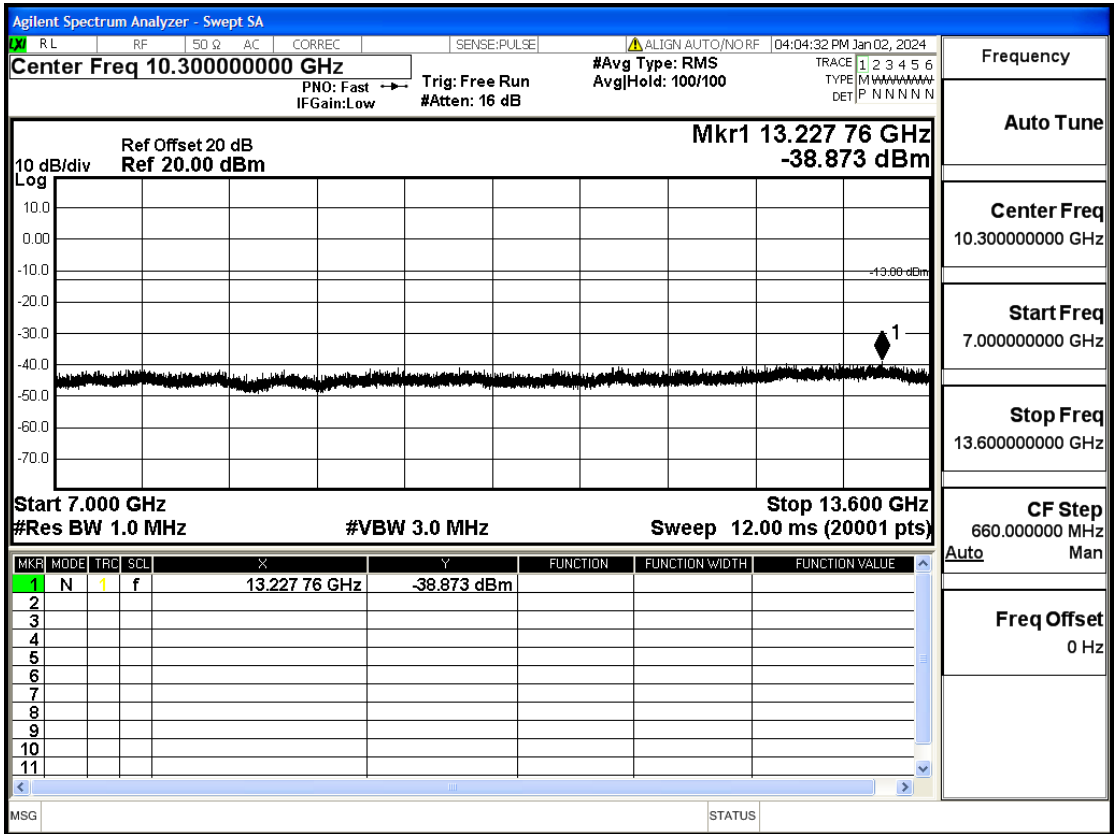
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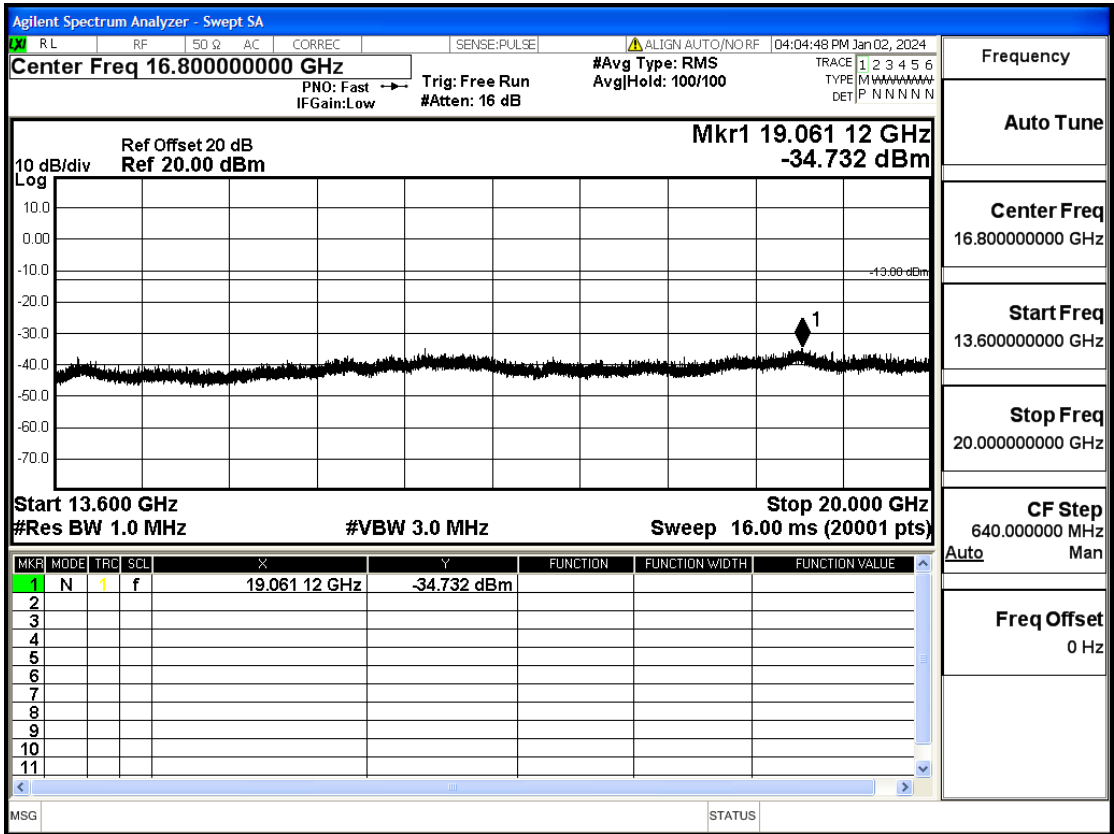
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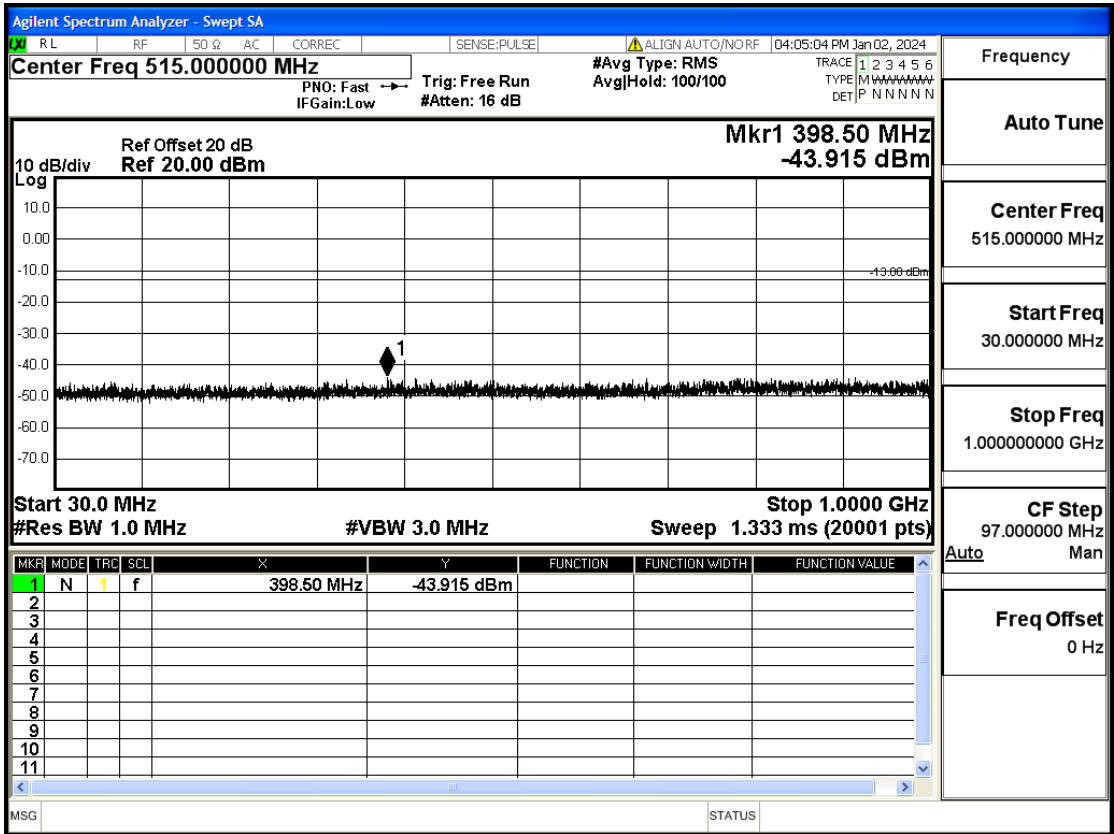
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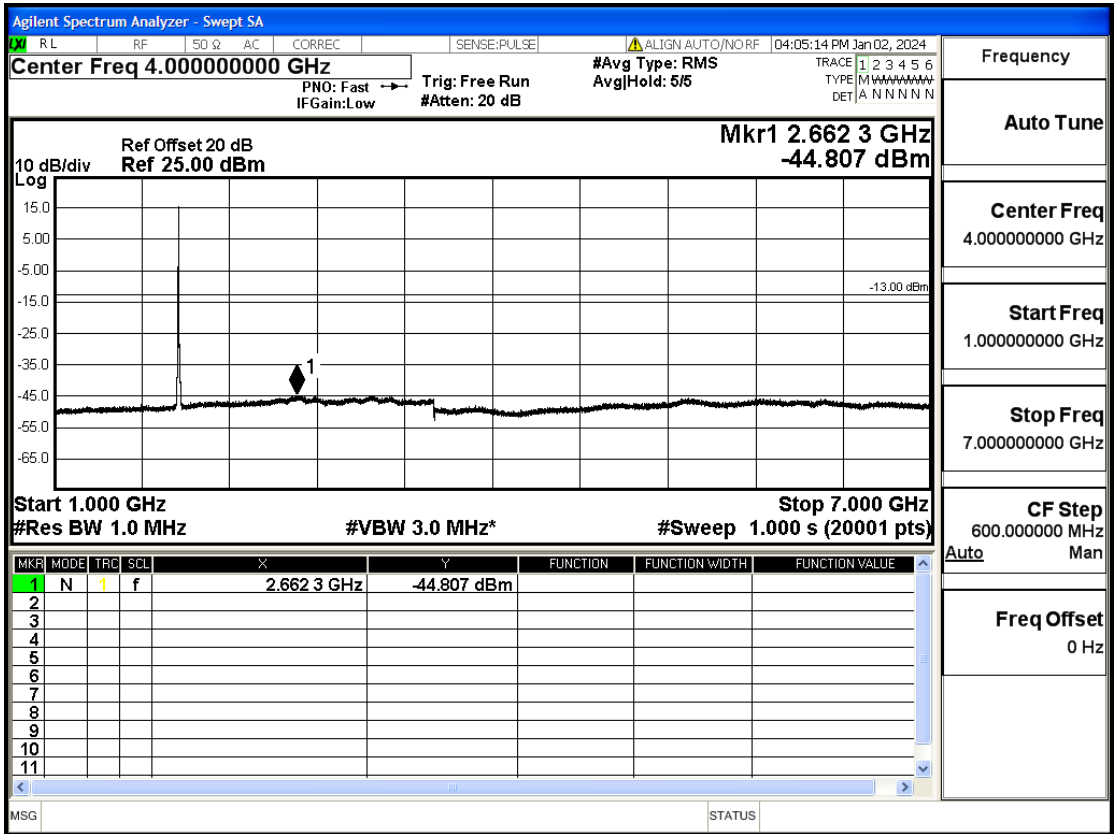
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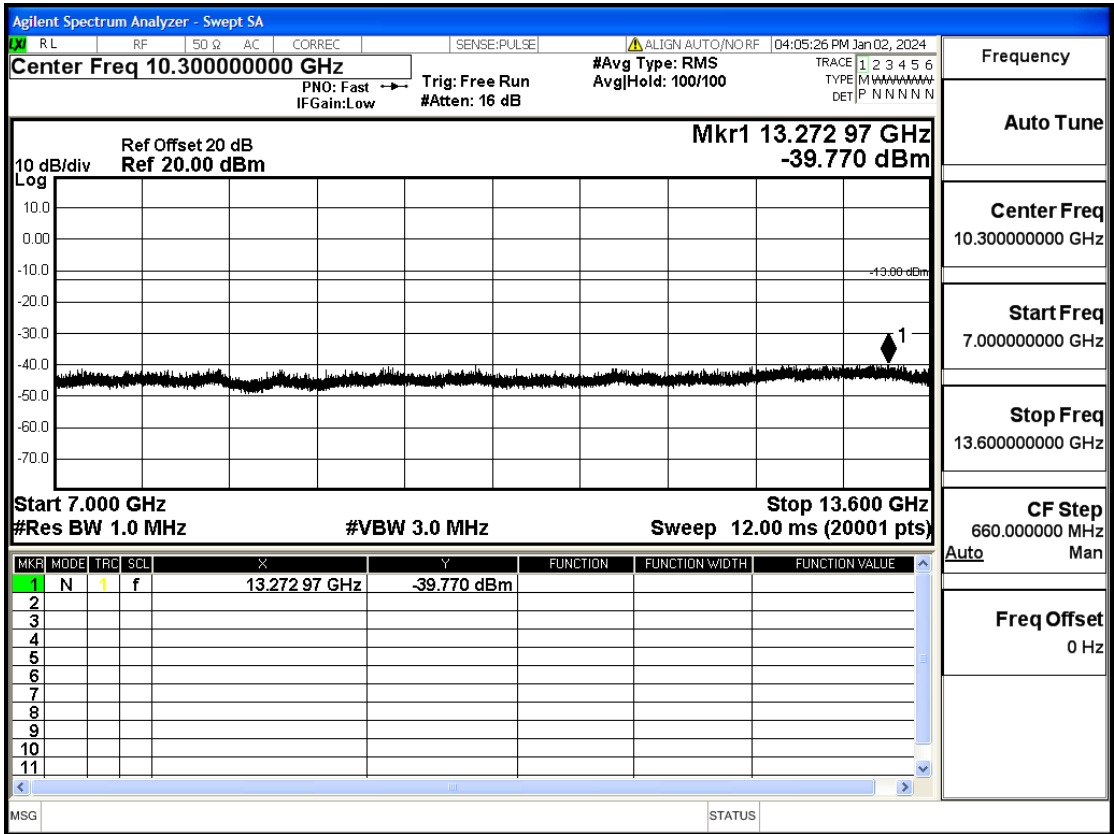
OB2-5-1852.5-Q16-25#LOW@30mHz-1GHz@Pass



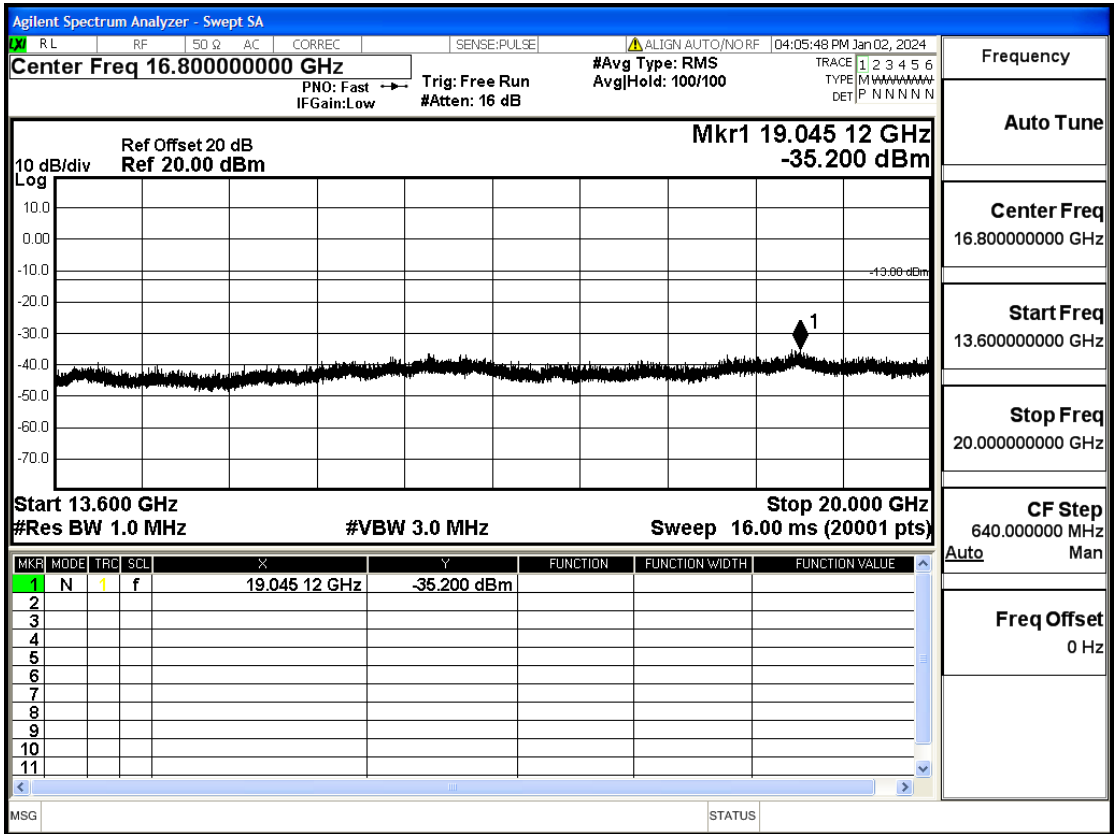
OB2-5-1852.5-Q16-25#LOW@1GHz-7GHz@Pass



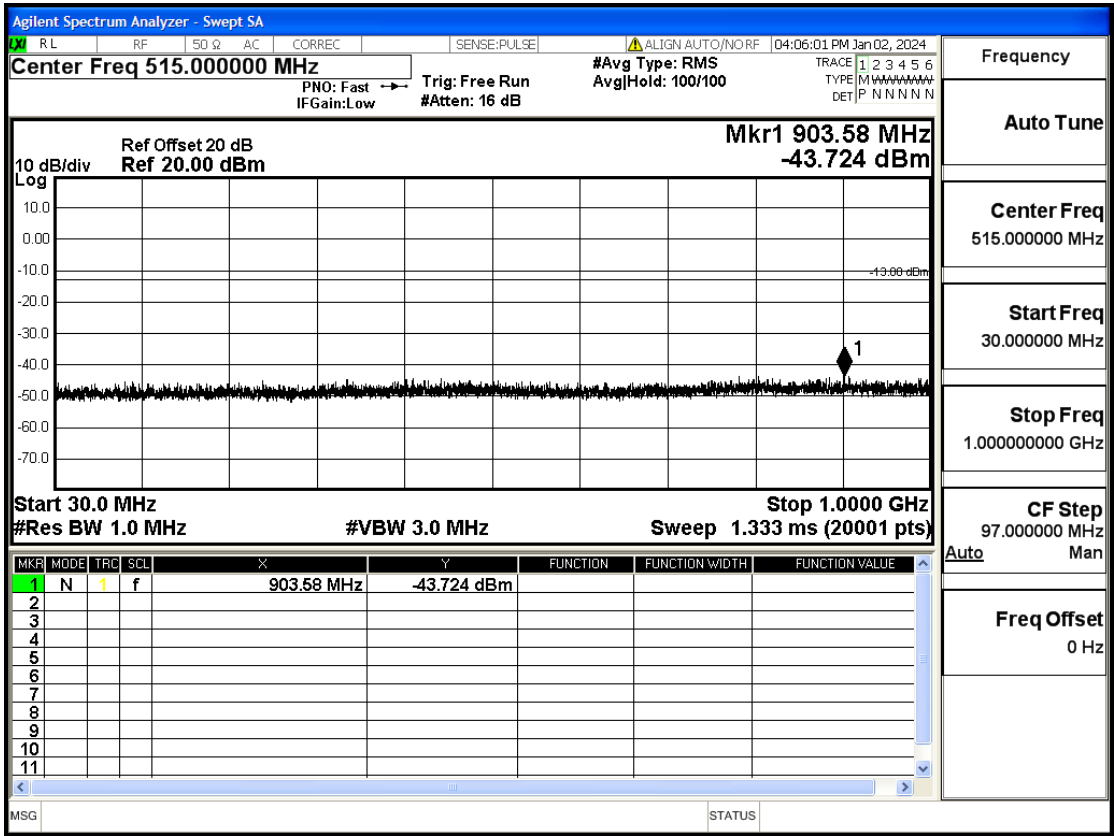
OB2-5-1852.5-Q16-25#LOW@7GHz-13.6GHz@Pass



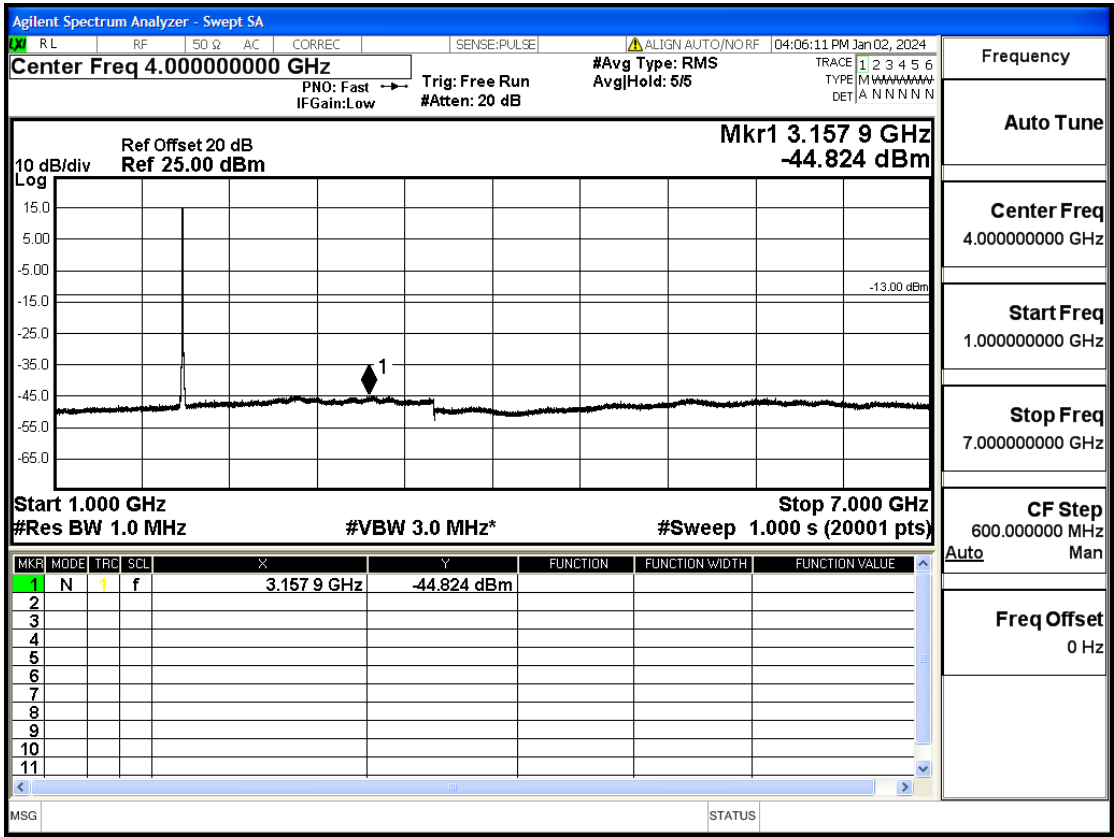
OB2-5-1852.5-Q16-25#LOW@13.6GHz-20GHz@Pass



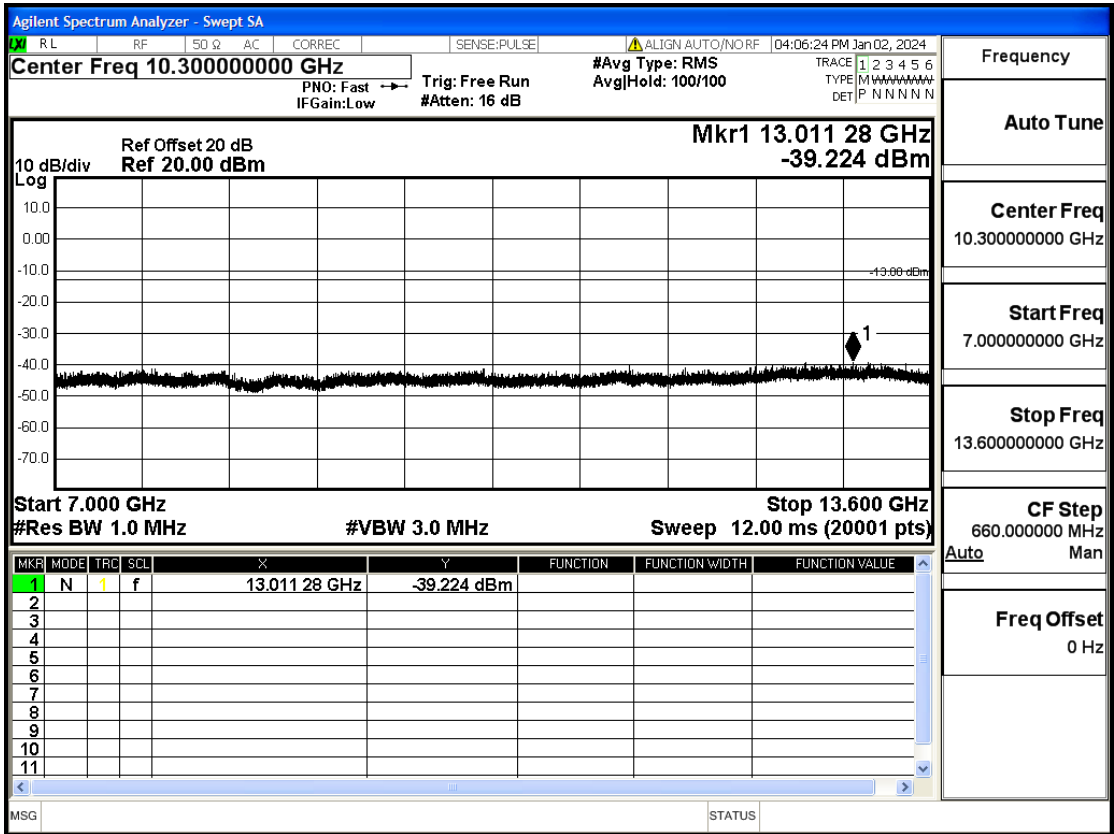
OB2-5-1880-Q16-25#LOW@30mHz-1GHz@Pass



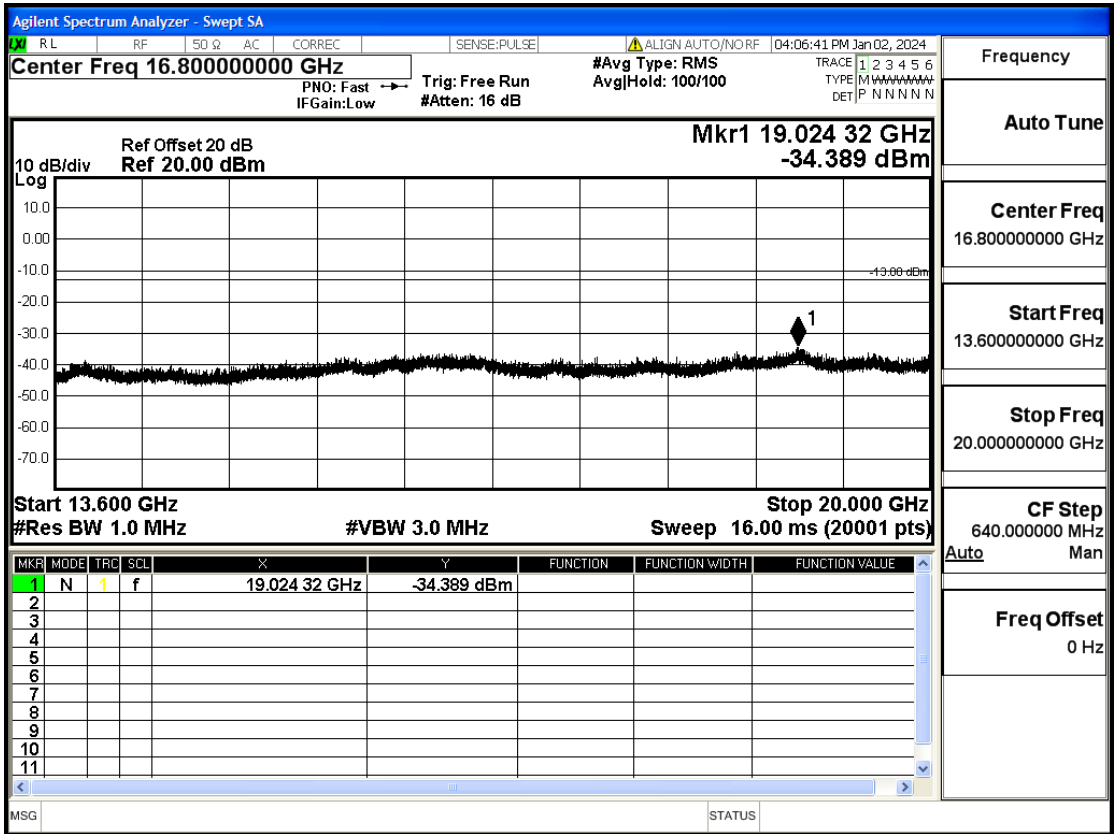
OB2-5-1880-Q16-25#LOW@1GHz-7GHz@Pass



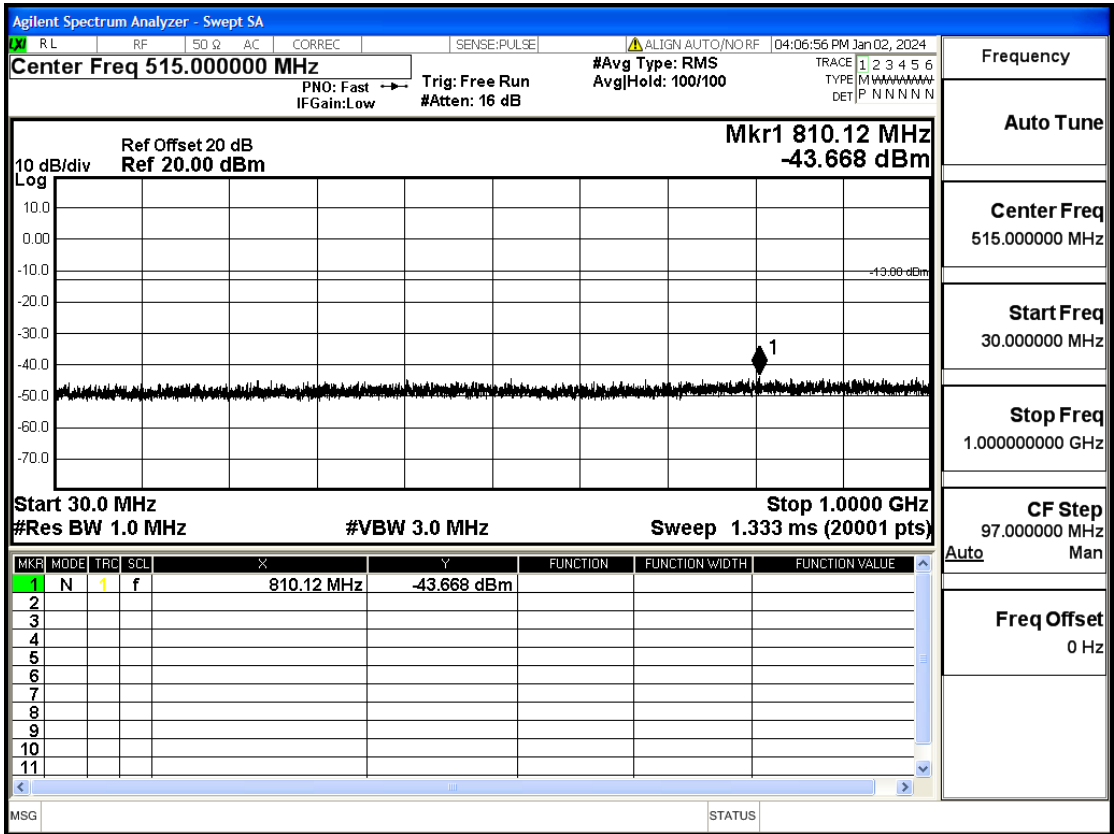
OB2-5-1880-Q16-25#LOW@7GHz-13.6GHz@Pass



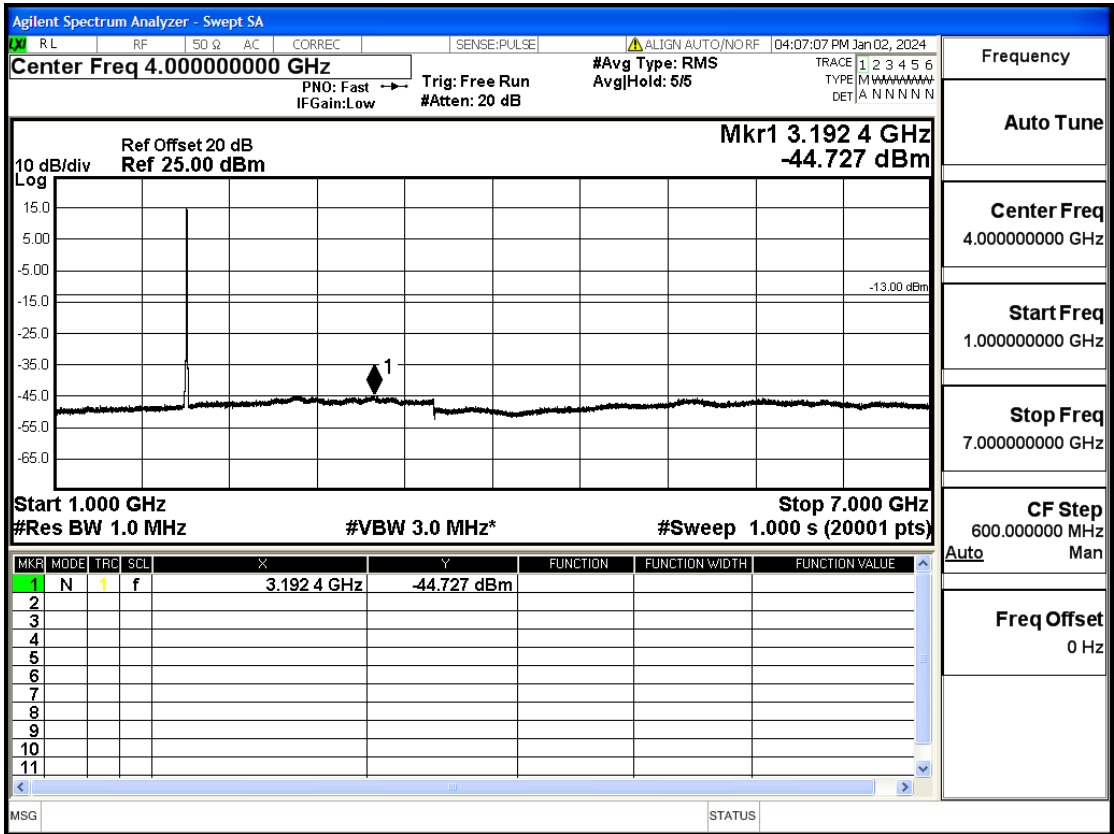
OB2-5-1880-Q16-25#LOW@13.6GHz-20GHz@Pass



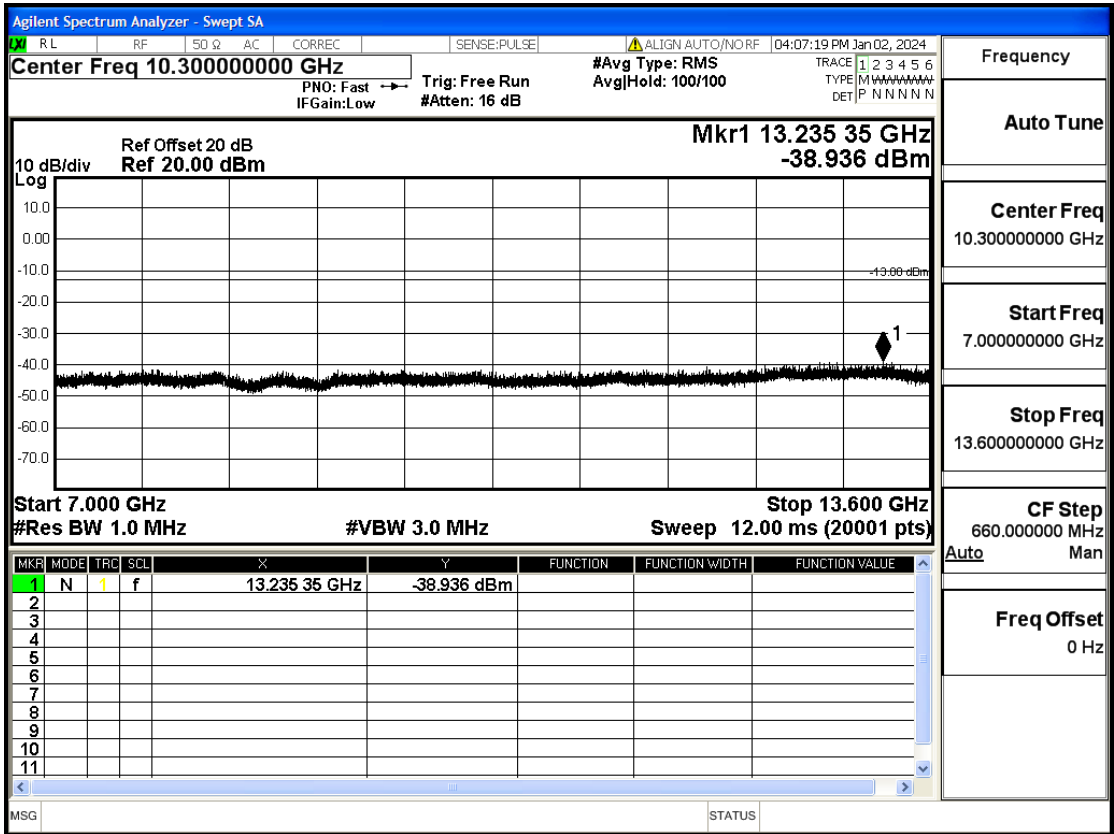
OB2-5-1907.5-Q16-25#LOW@30mHz-1GHz@Pass



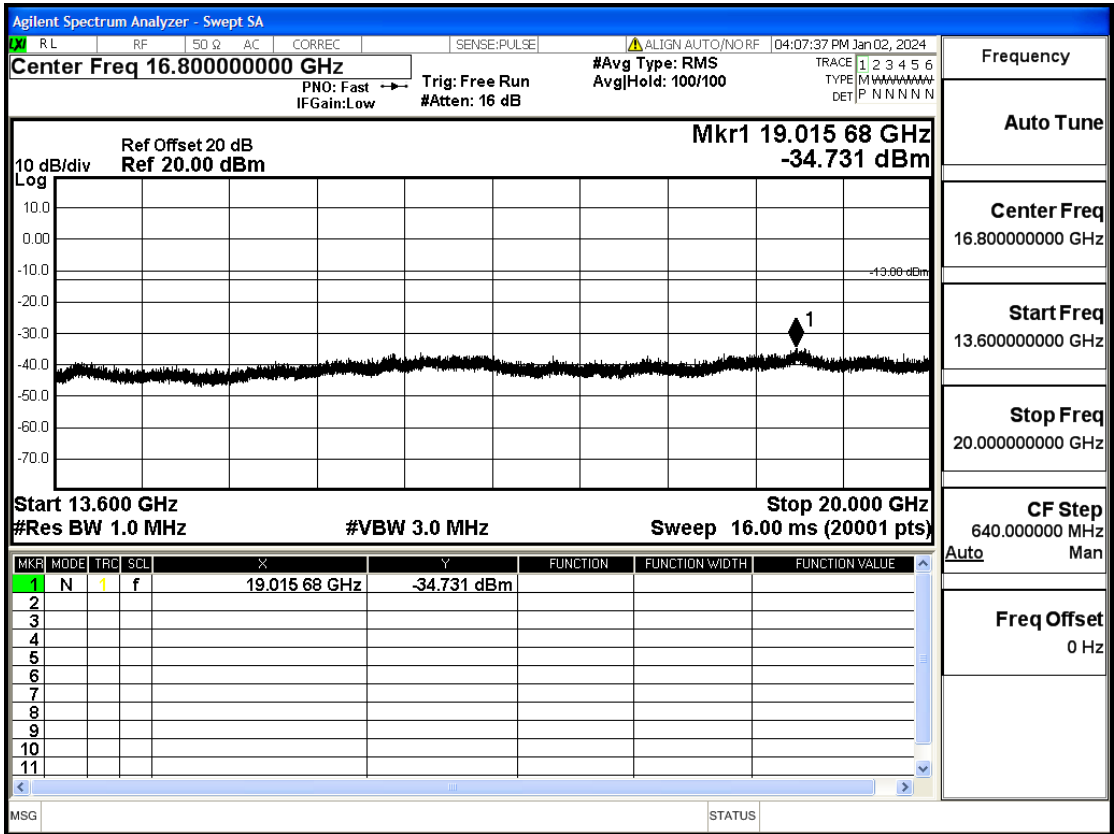
OB2-5-1907.5-Q16-25#LOW@1GHz-7GHz@Pass



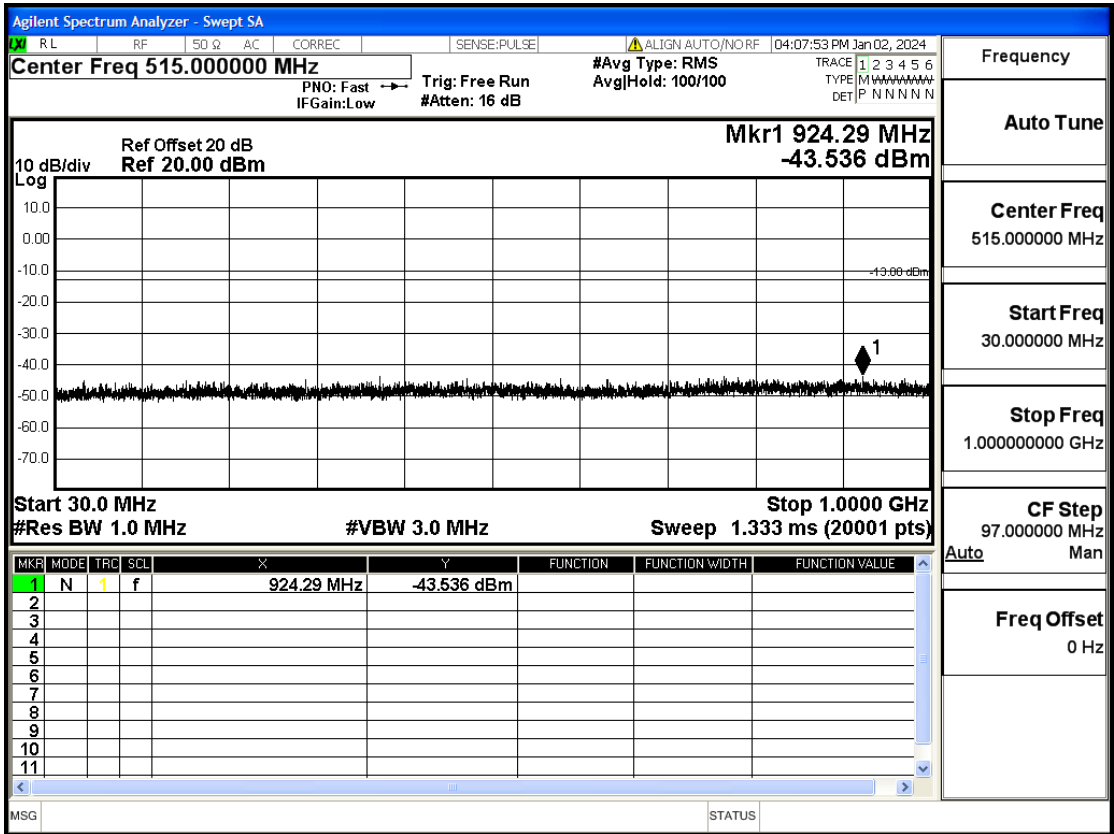
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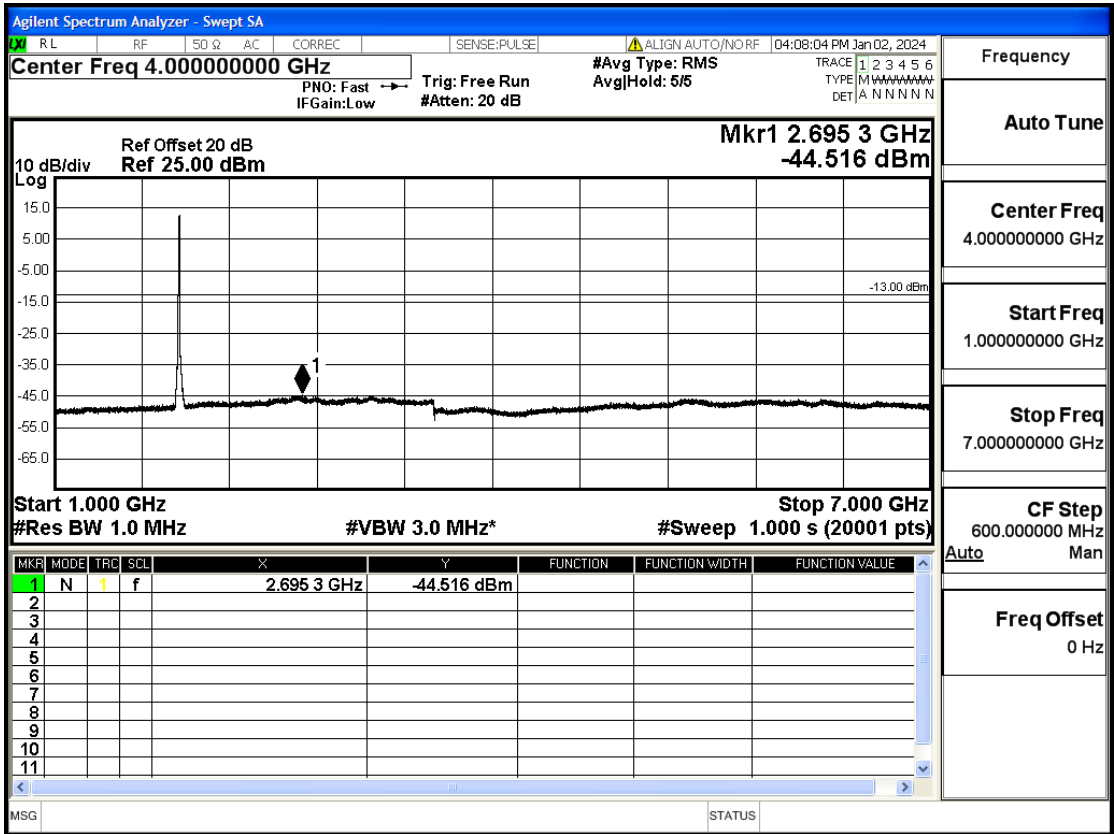
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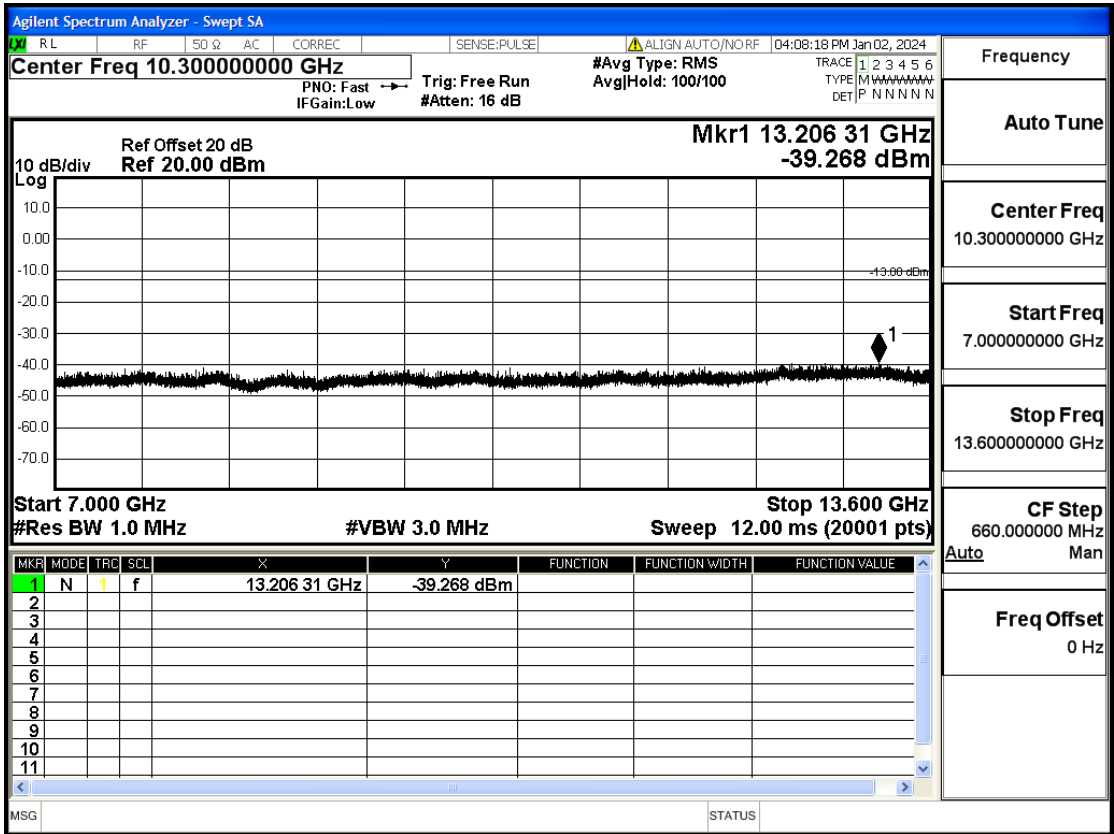
OB2-10-1855-Q16-50#LOW@30mHz-1GHz@Pass



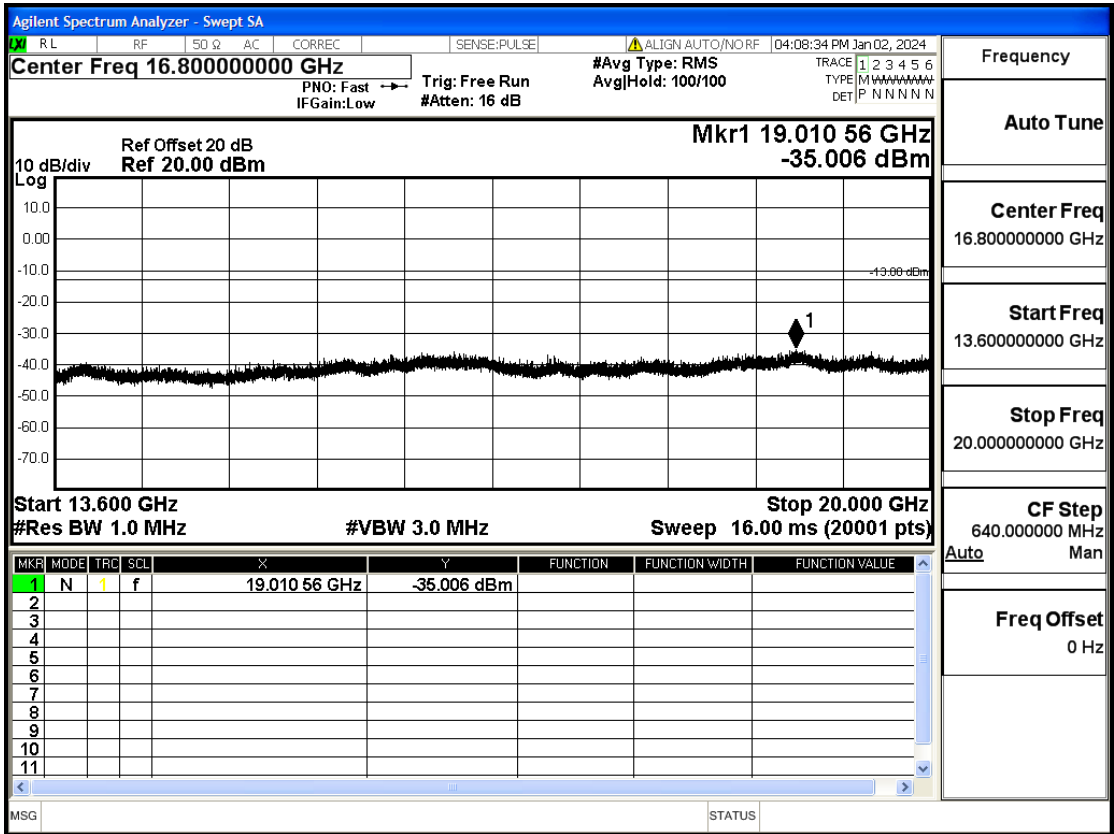
OB2-10-1855-Q16-50#LOW@1GHz-7GHz@Pass



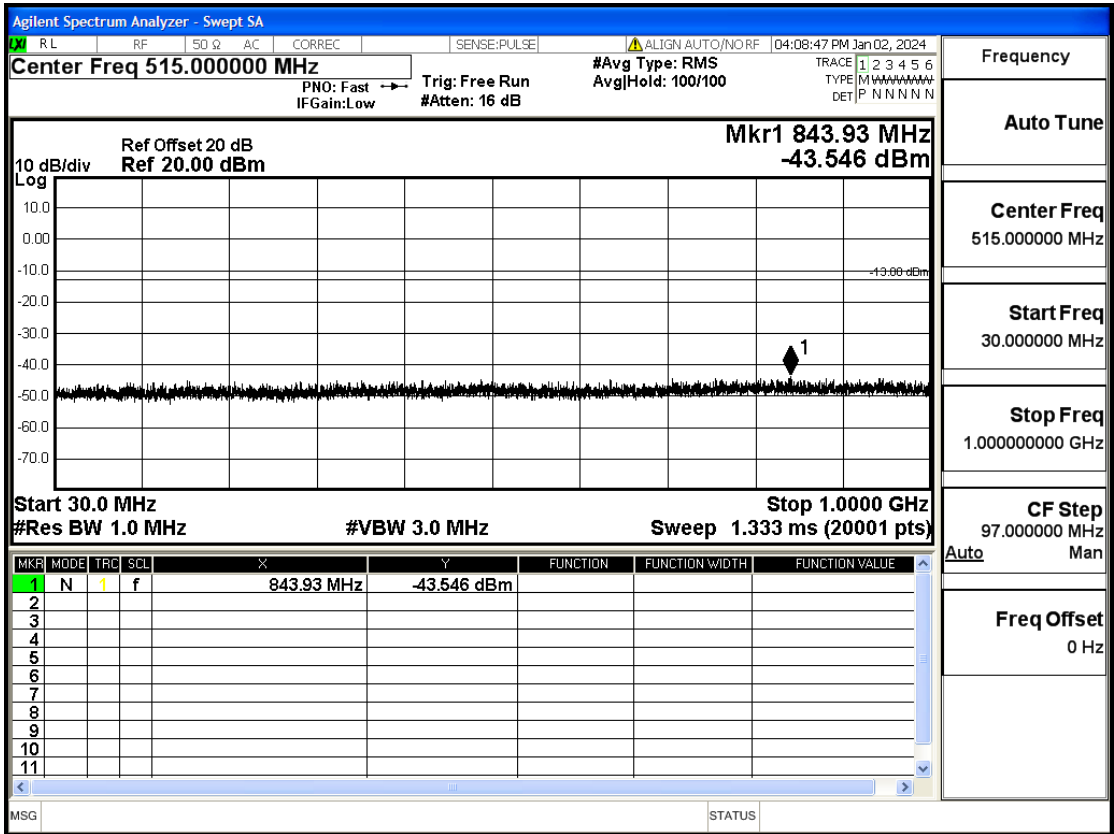
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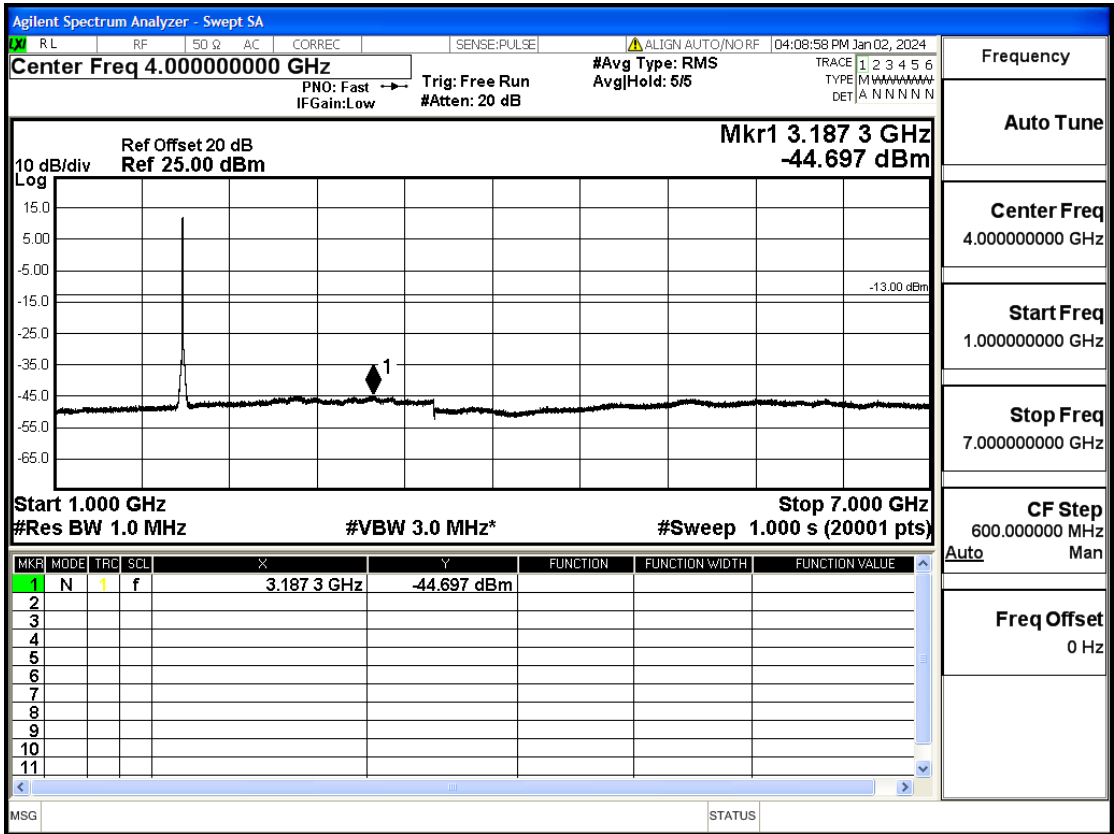
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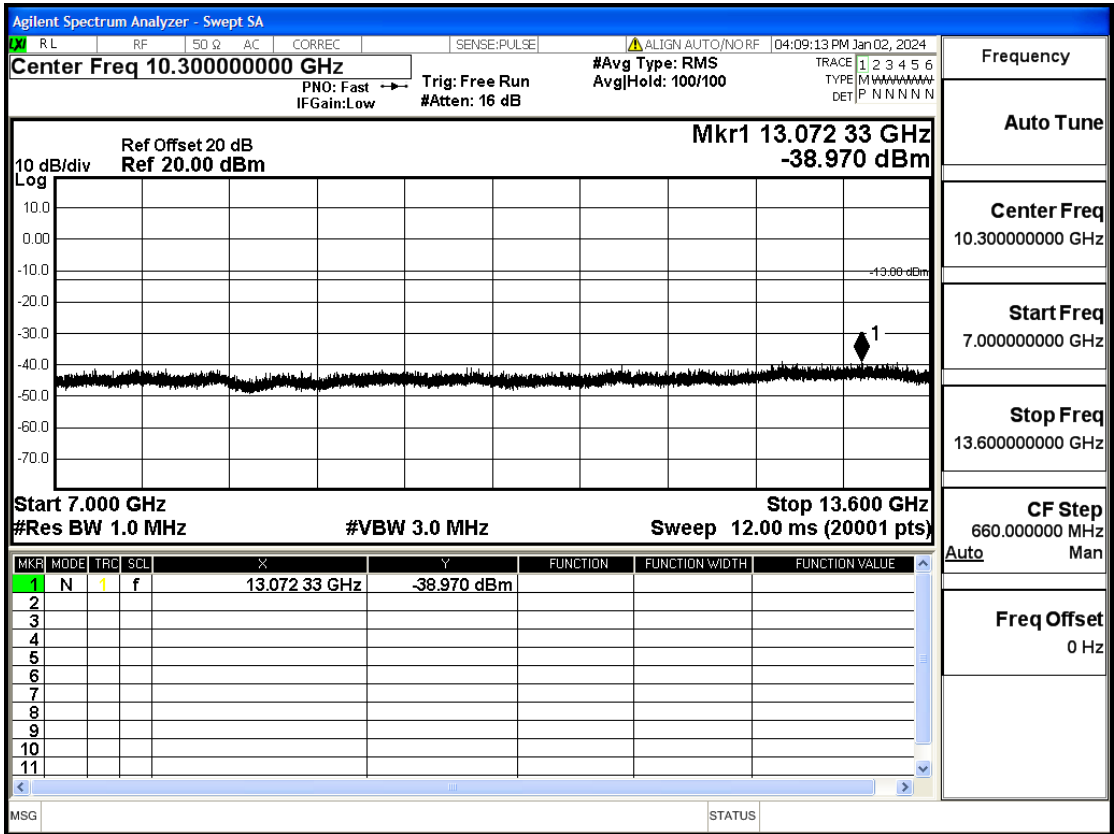
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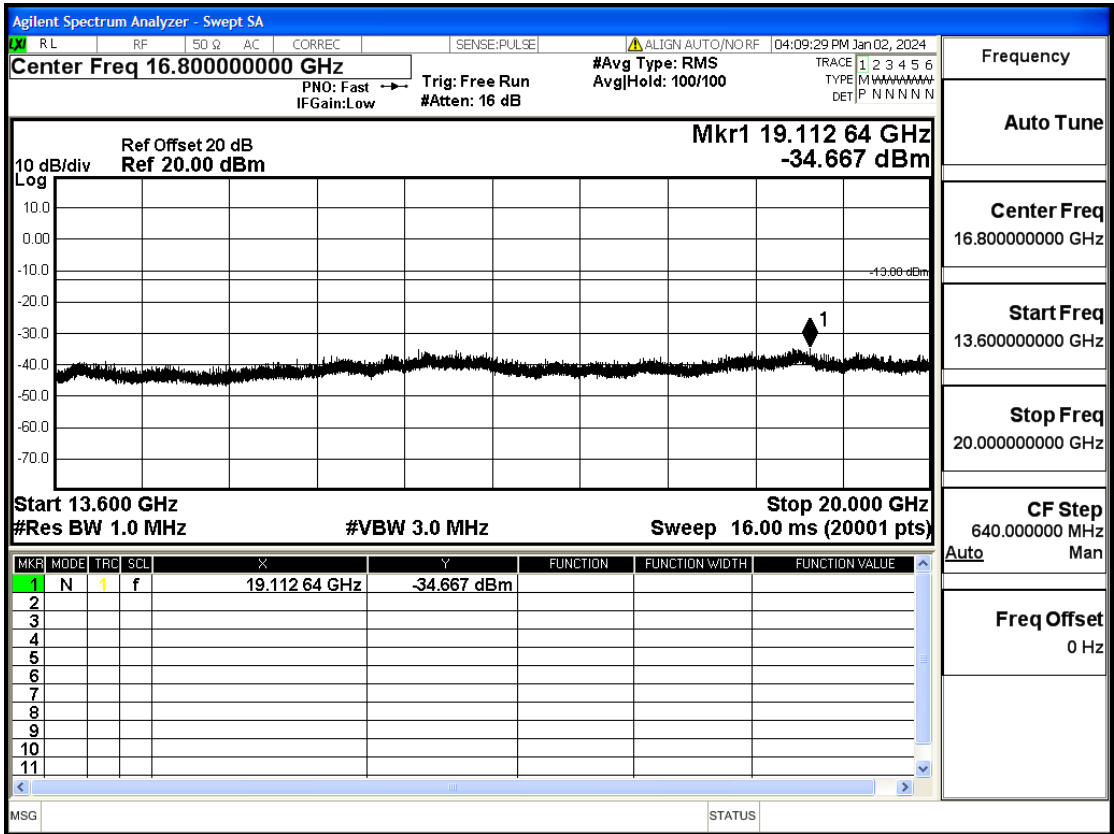
OB2-10-1880-Q16-50#LOW@1GHz-7GHz@Pass



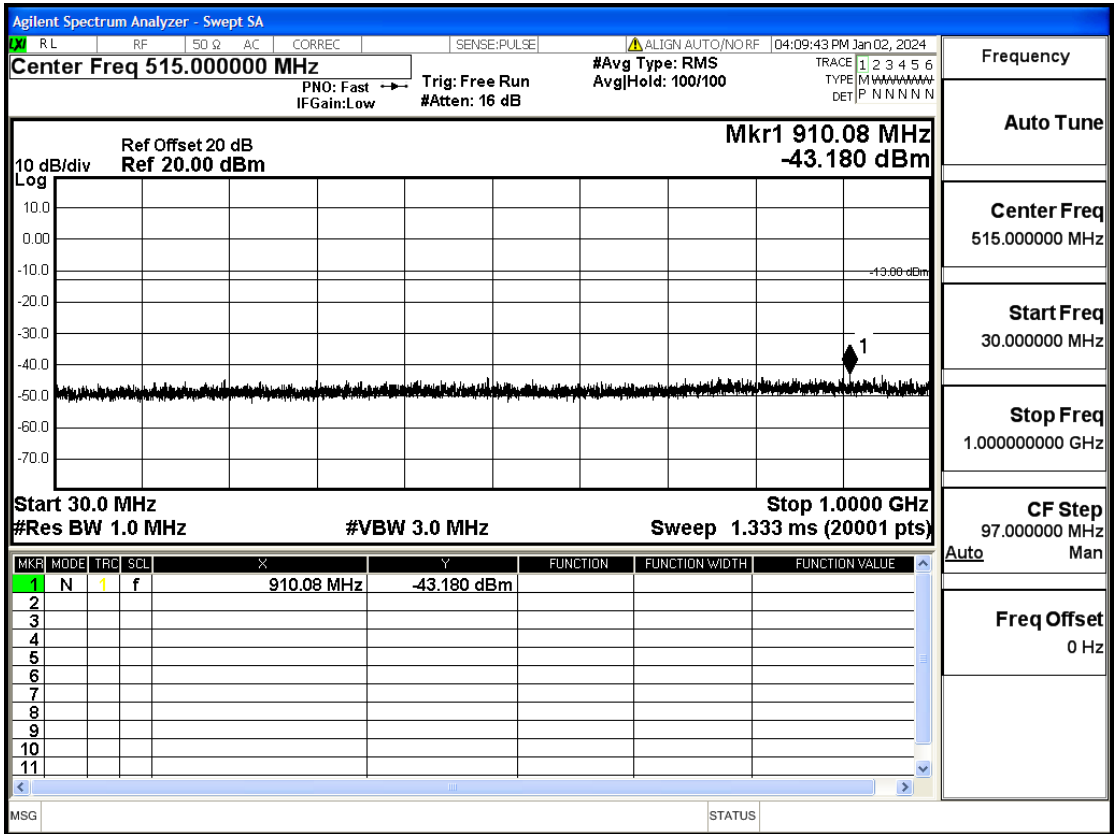
OB2-10-1880-Q16-50#LOW@7GHz-13.6GHz@Pass



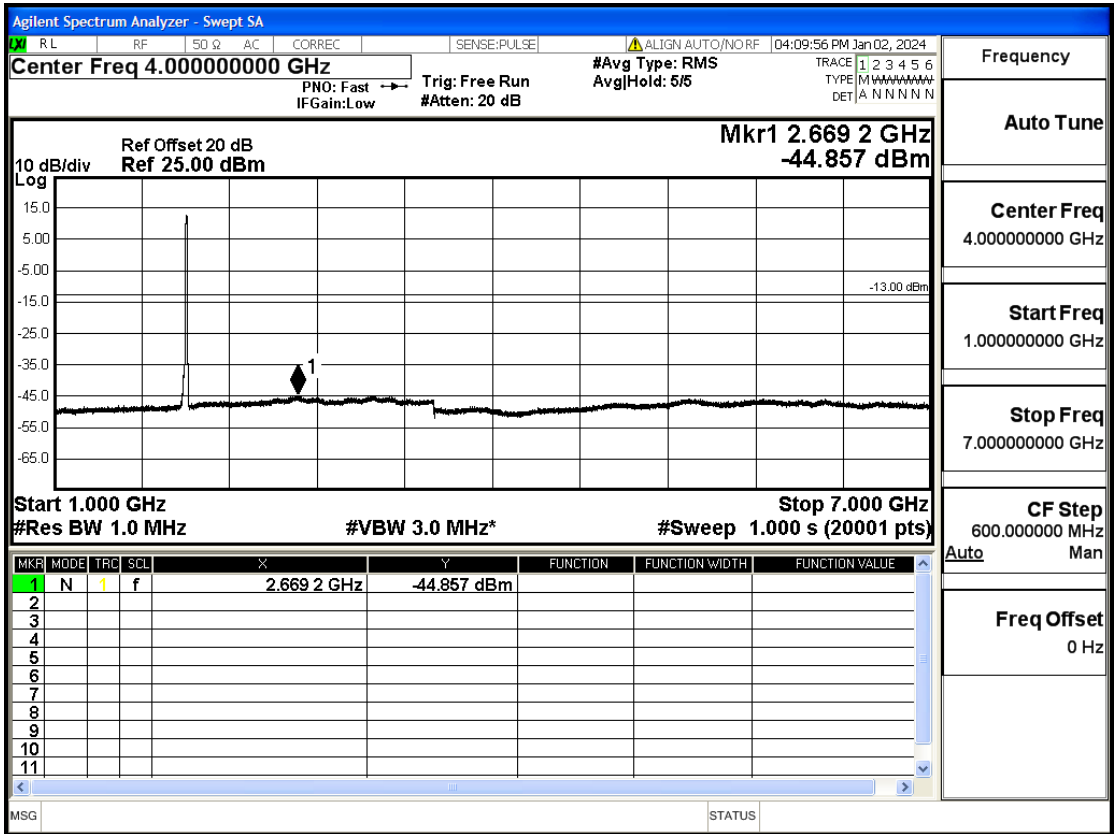
OB2-10-1880-Q16-50#LOW@13.6GHz-20GHz@Pass



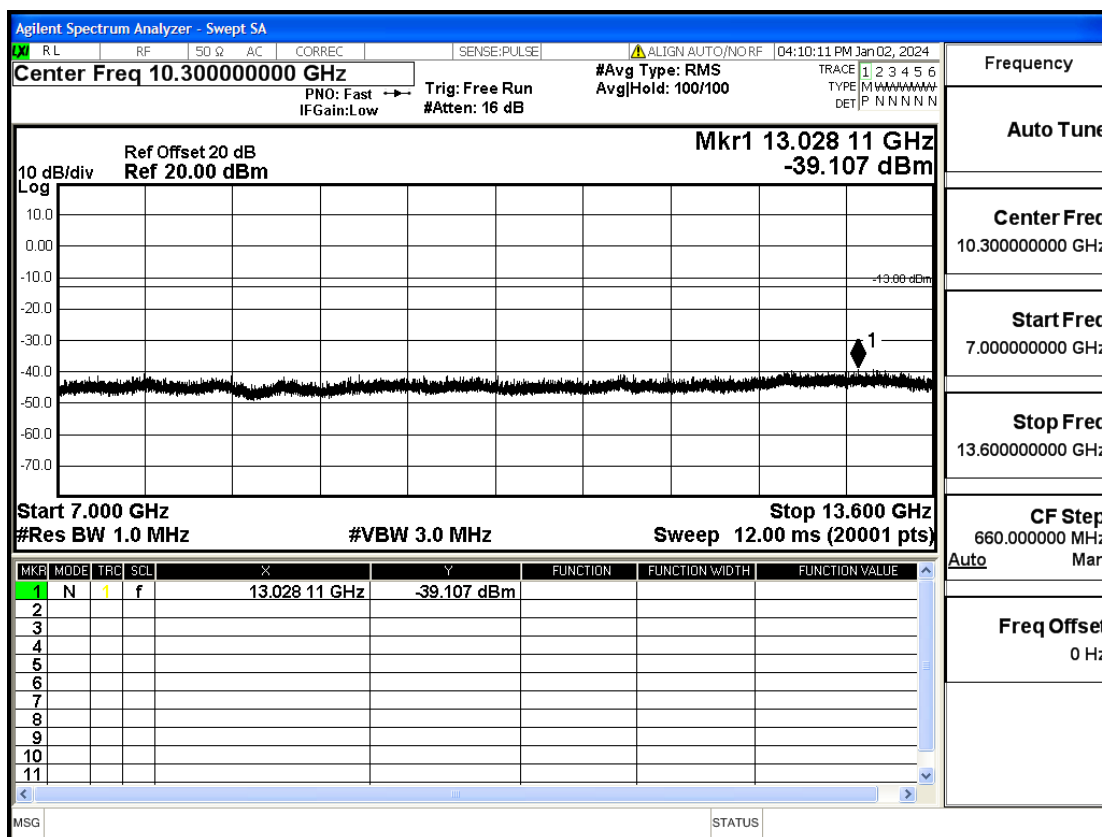
OB2-10-1905-Q16-50#LOW@30mHz-1GHz@Pass



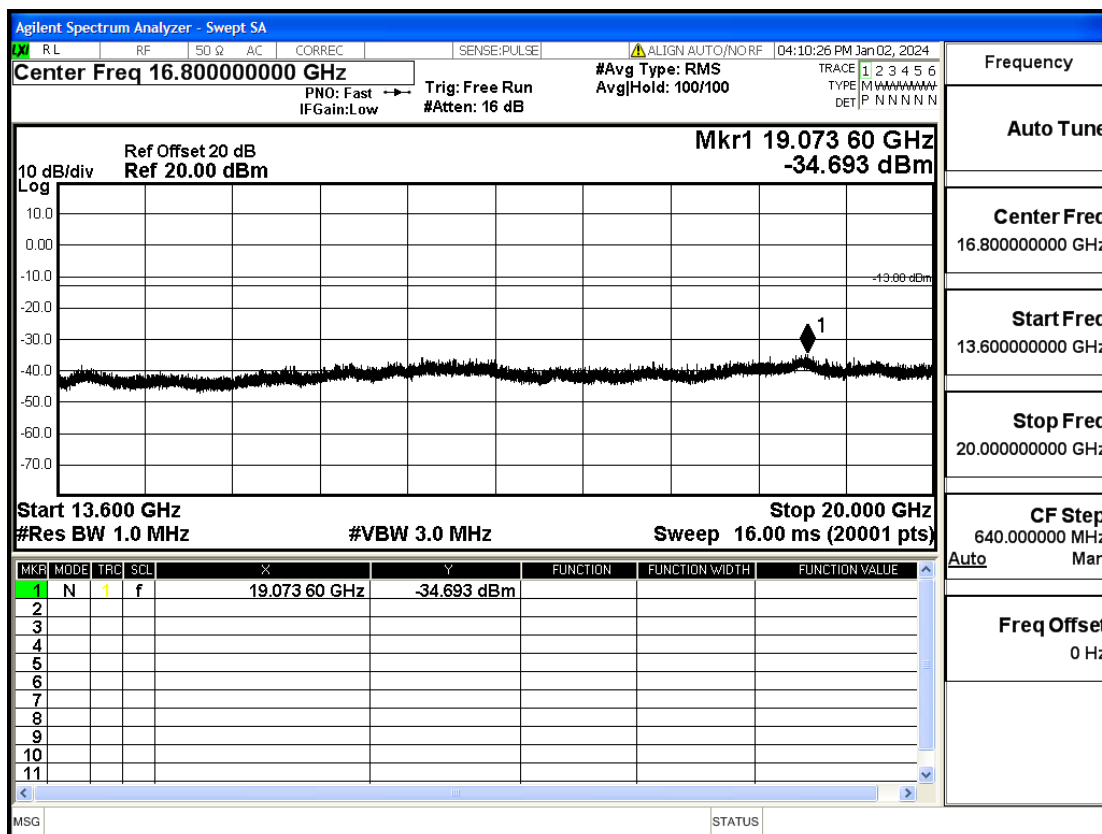
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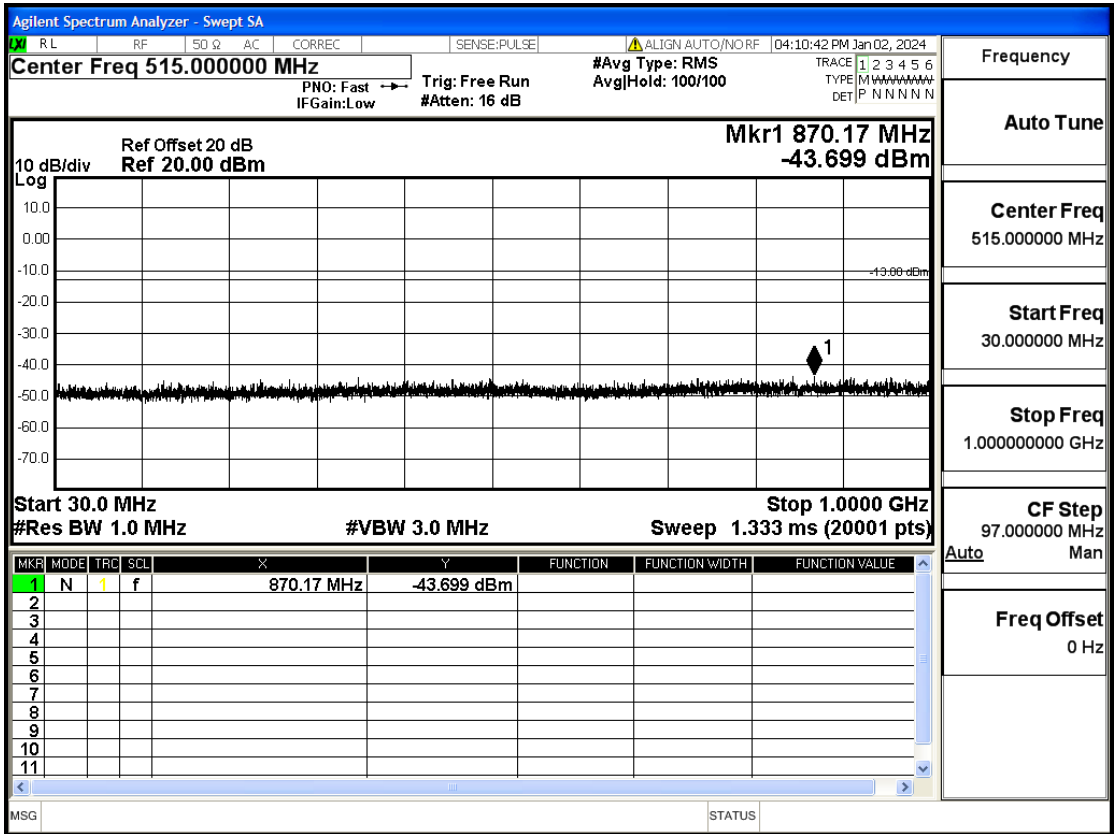
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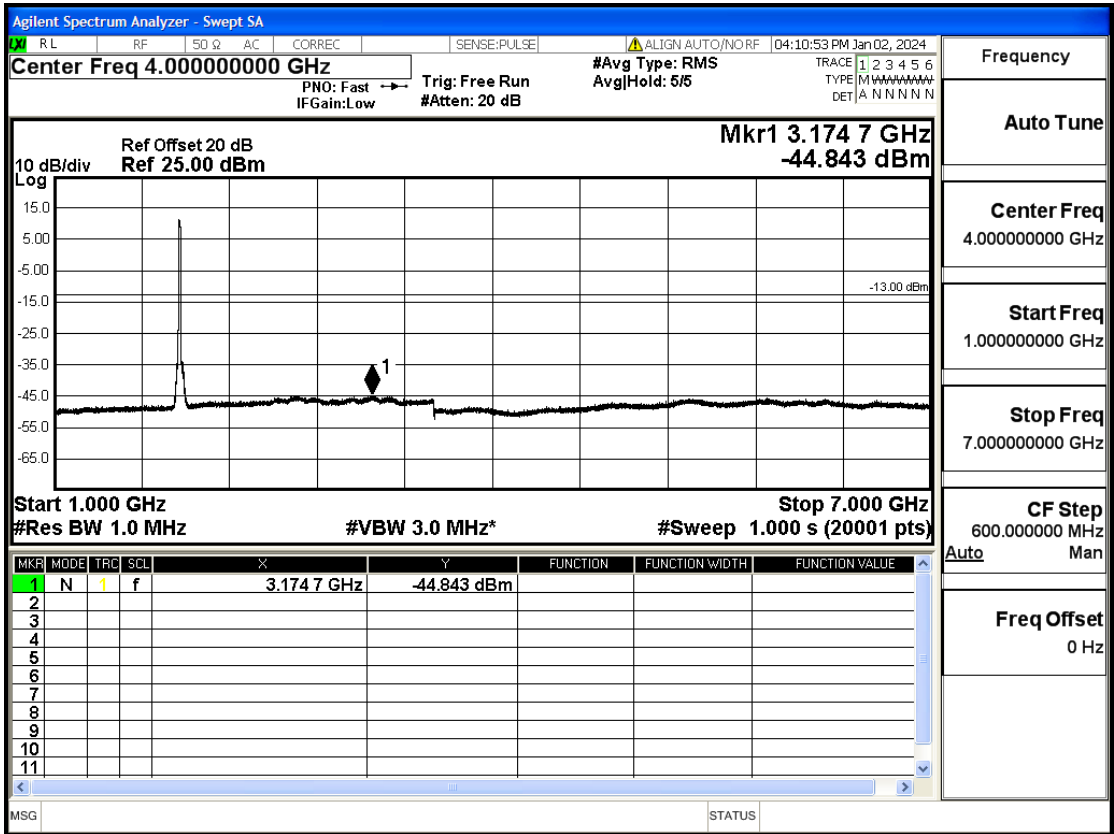
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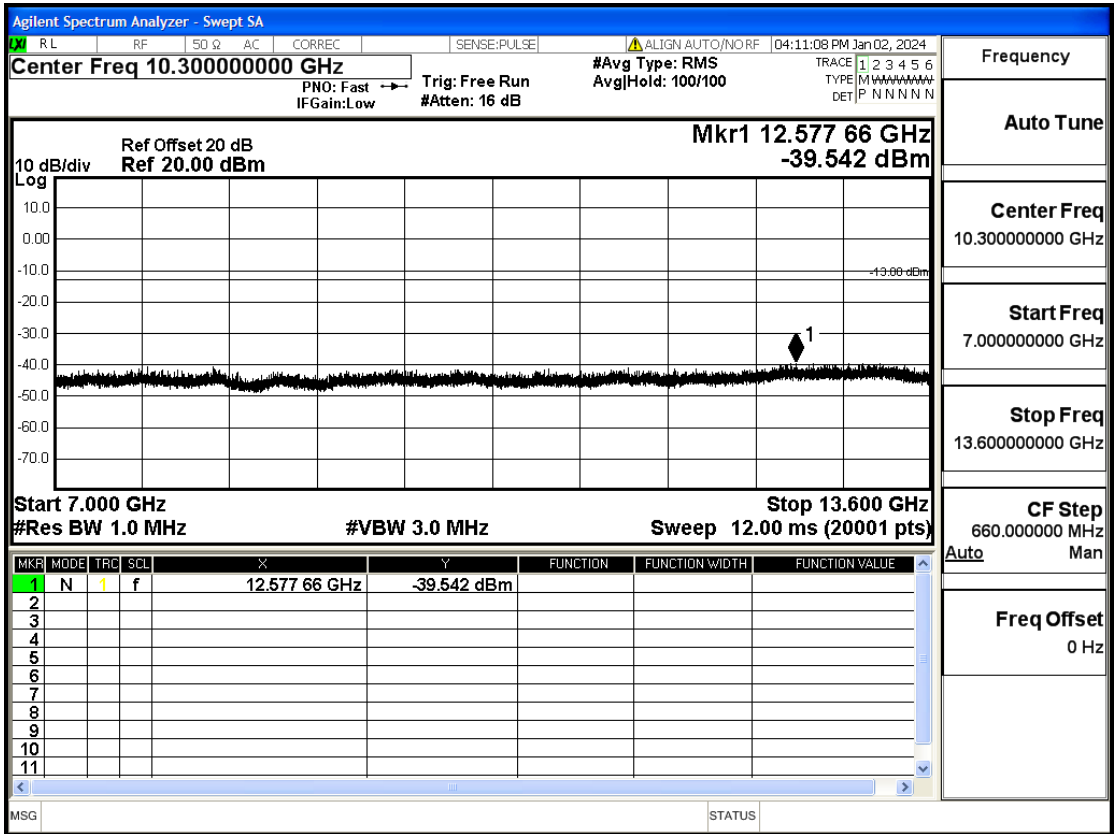
OB2-15-1857.5-Q16-75#LOW@30mHz-1GHz@Pass



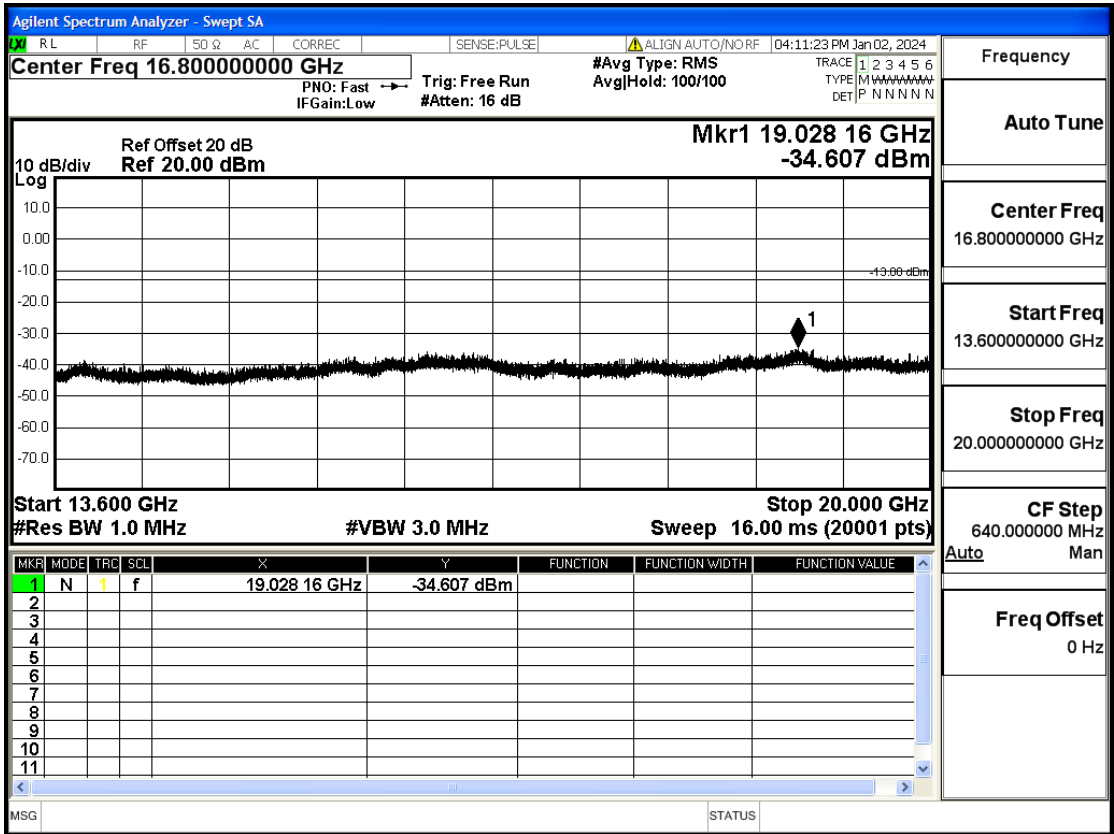
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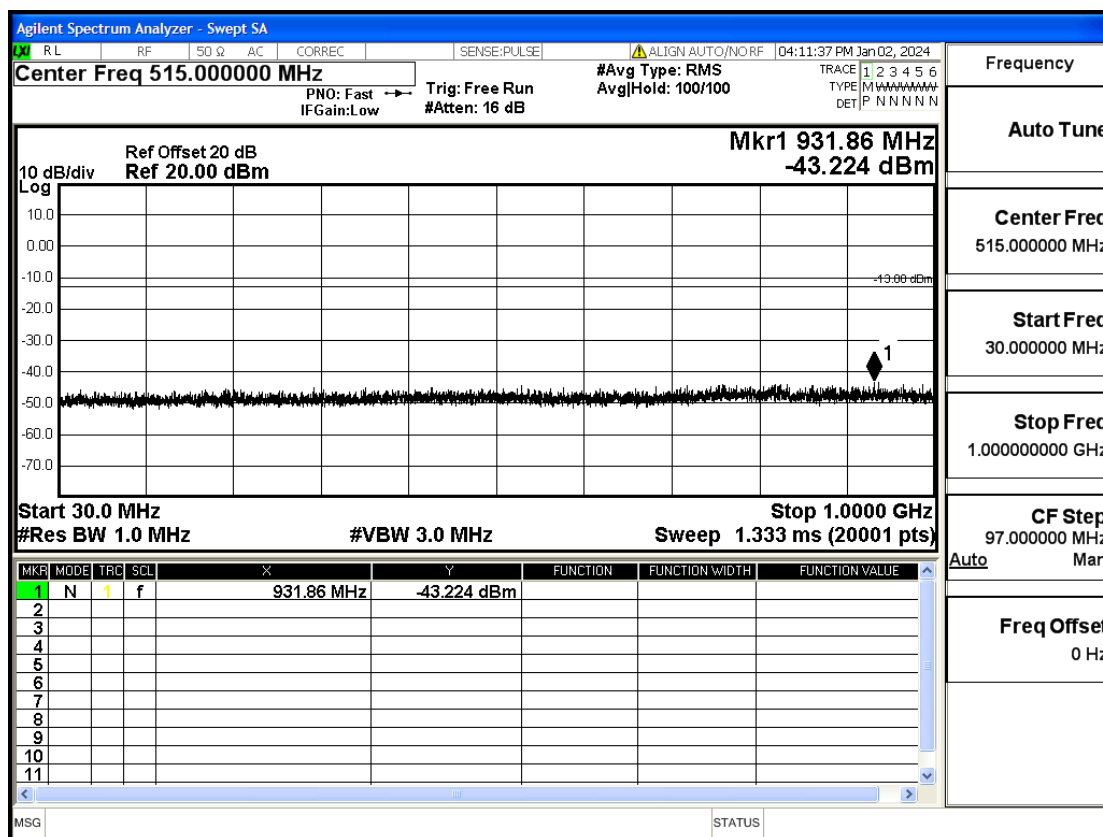
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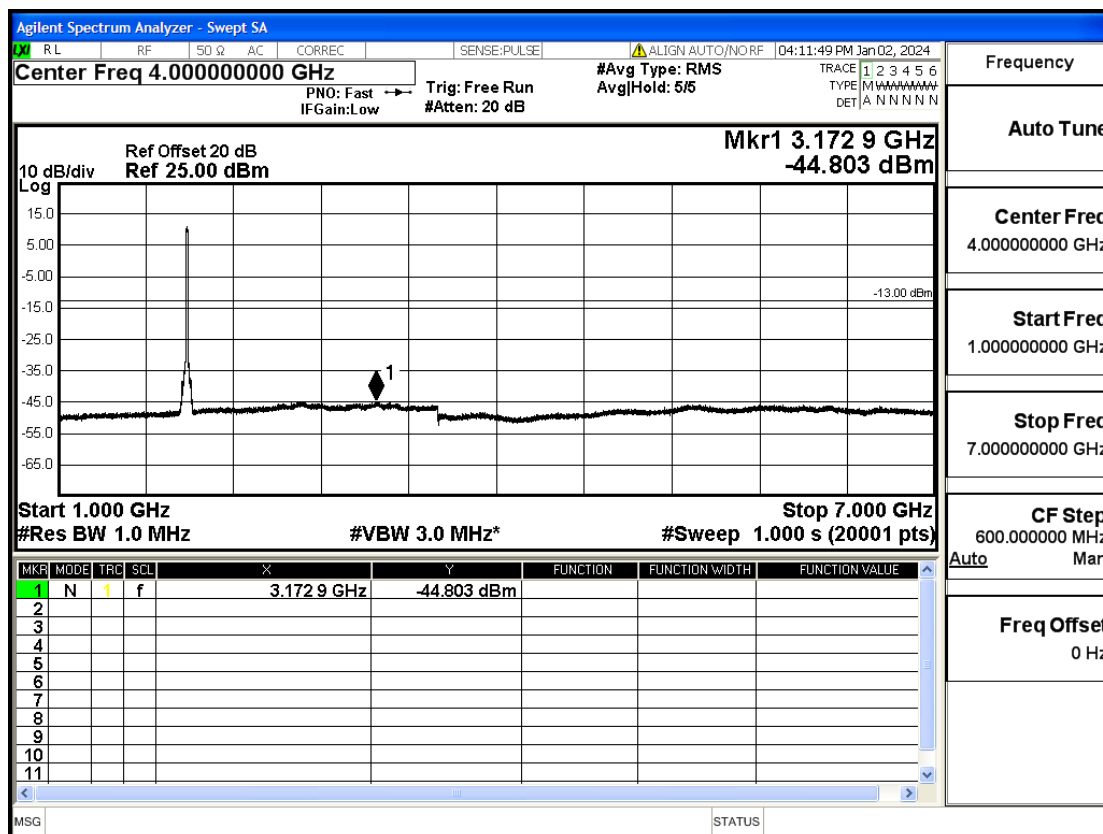
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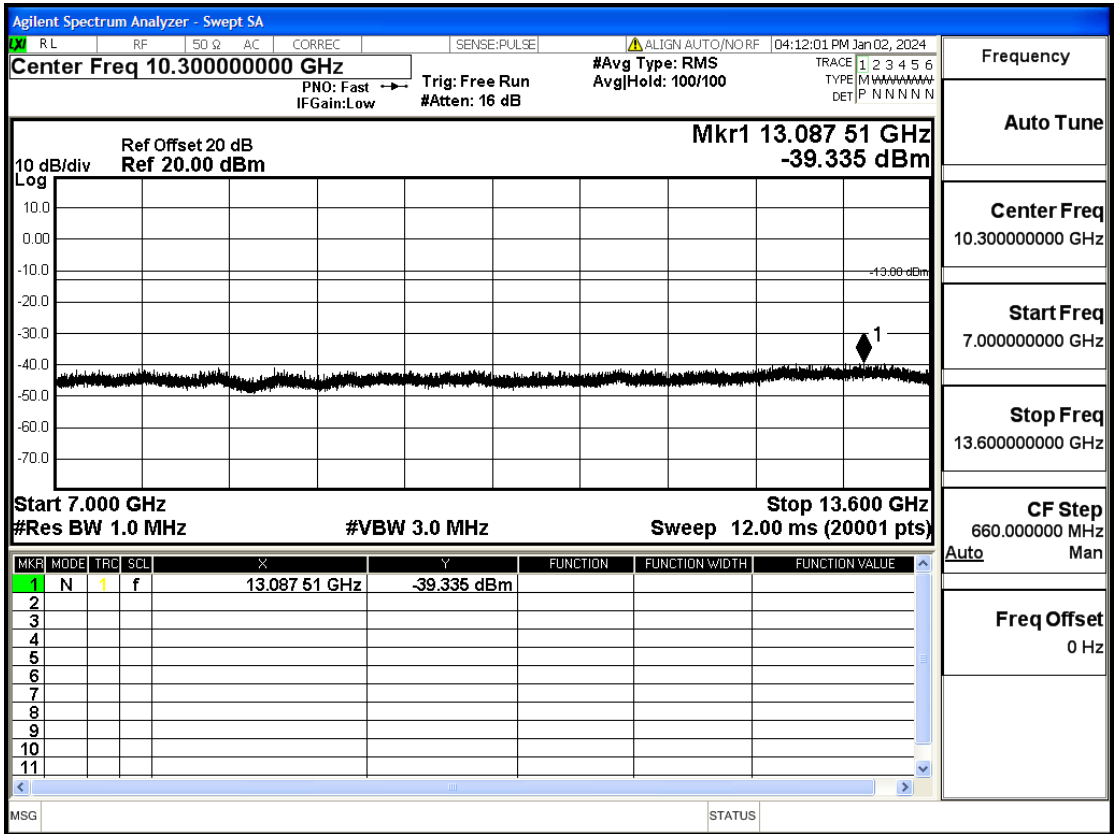
OB2-15-1880-Q16-75#LOW@30mHz-1GHz@Pass



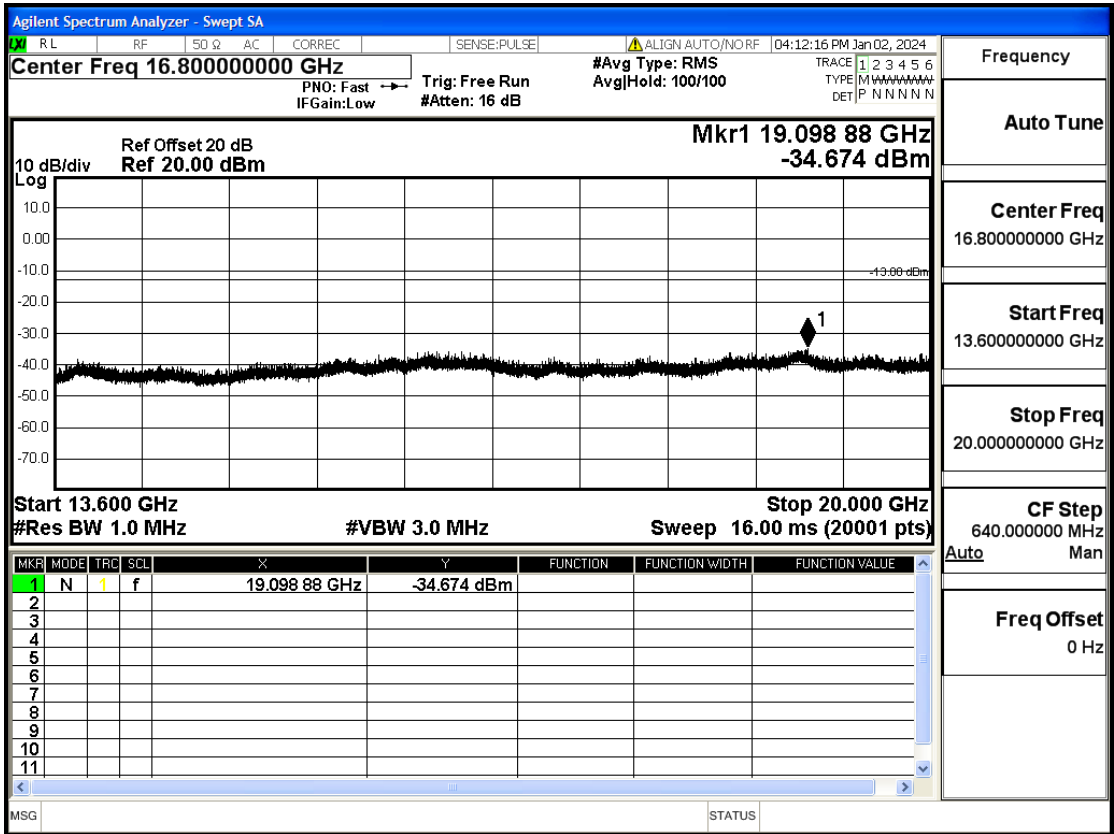
OB2-15-1880-Q16-75#LOW@1GHz-7GHz@Pass



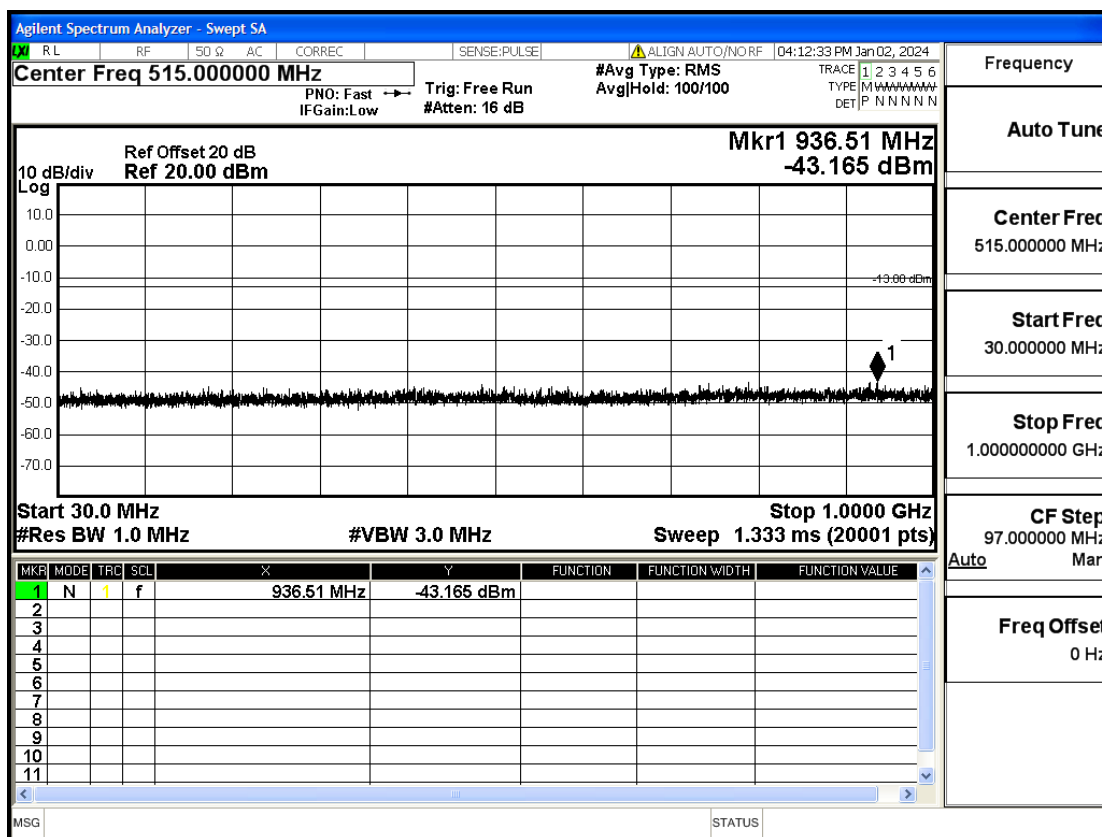
OB2-15-1880-Q16-75#LOW@7GHz-13.6GHz@Pass



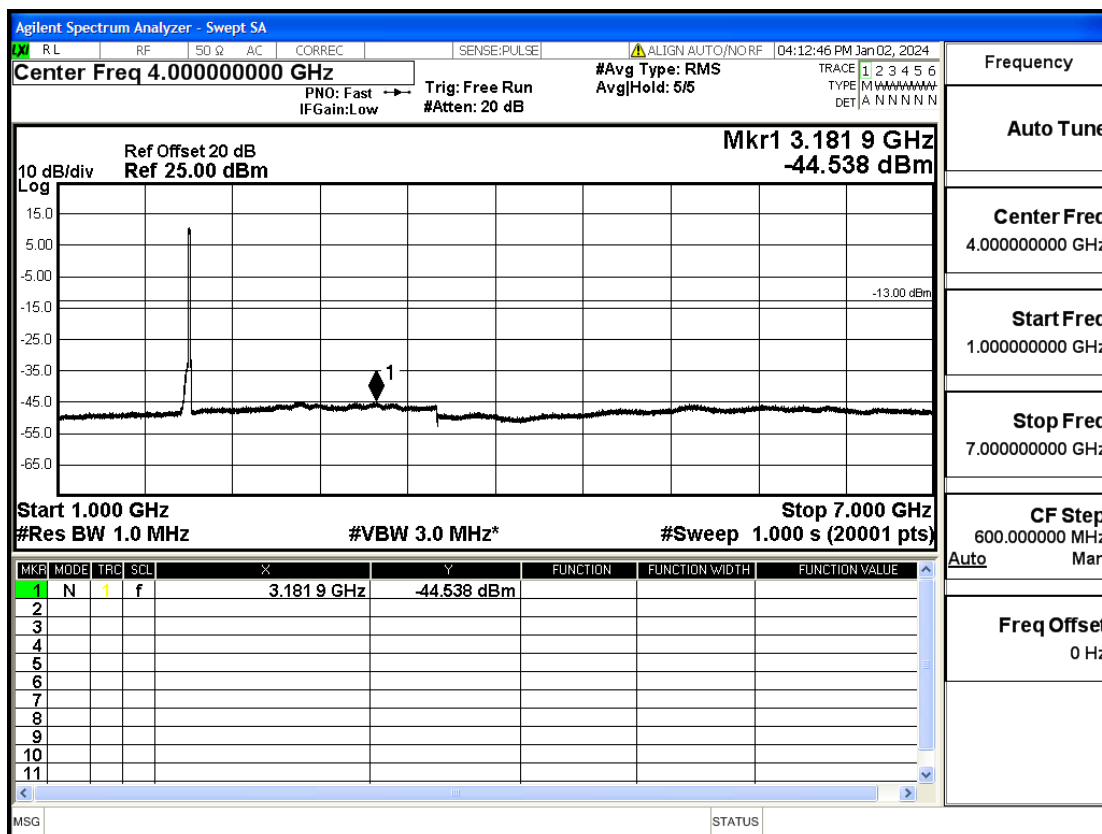
OB2-15-1880-Q16-75#LOW@13.6GHz-20GHz@Pass



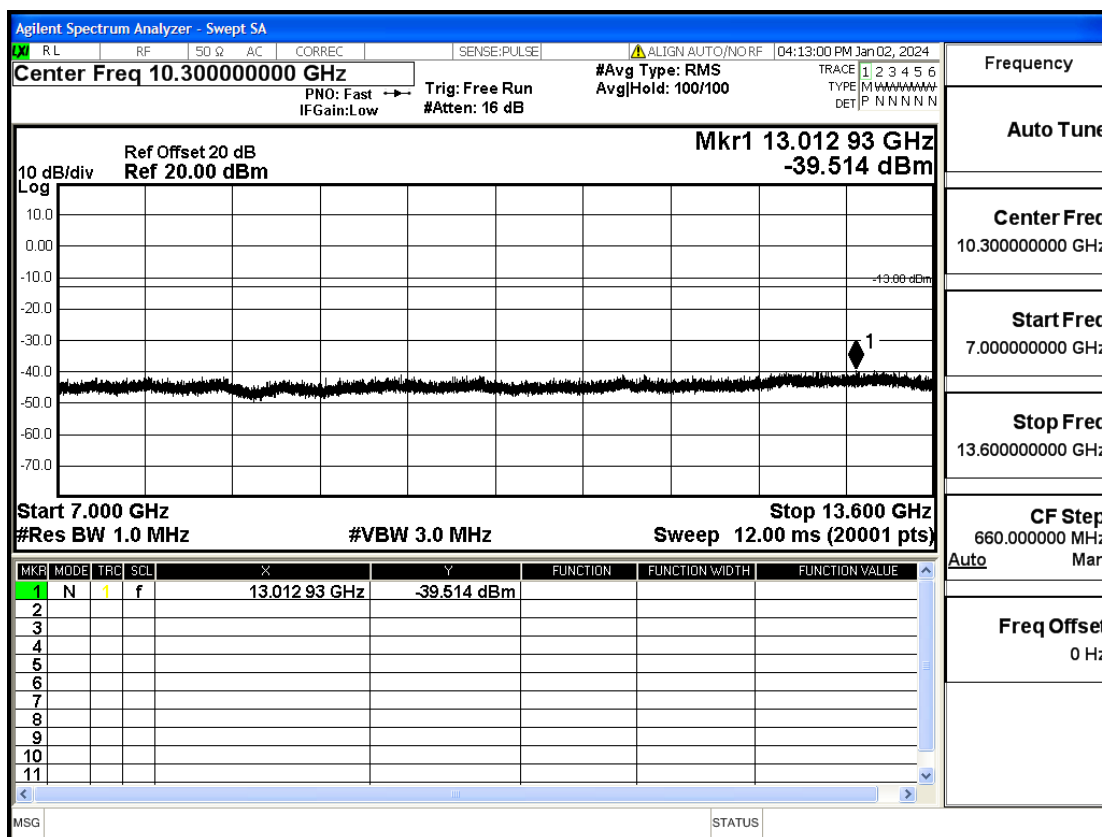
OB2-15-1902.5-Q16-75#LOW@30mHz-1GHz@Pass



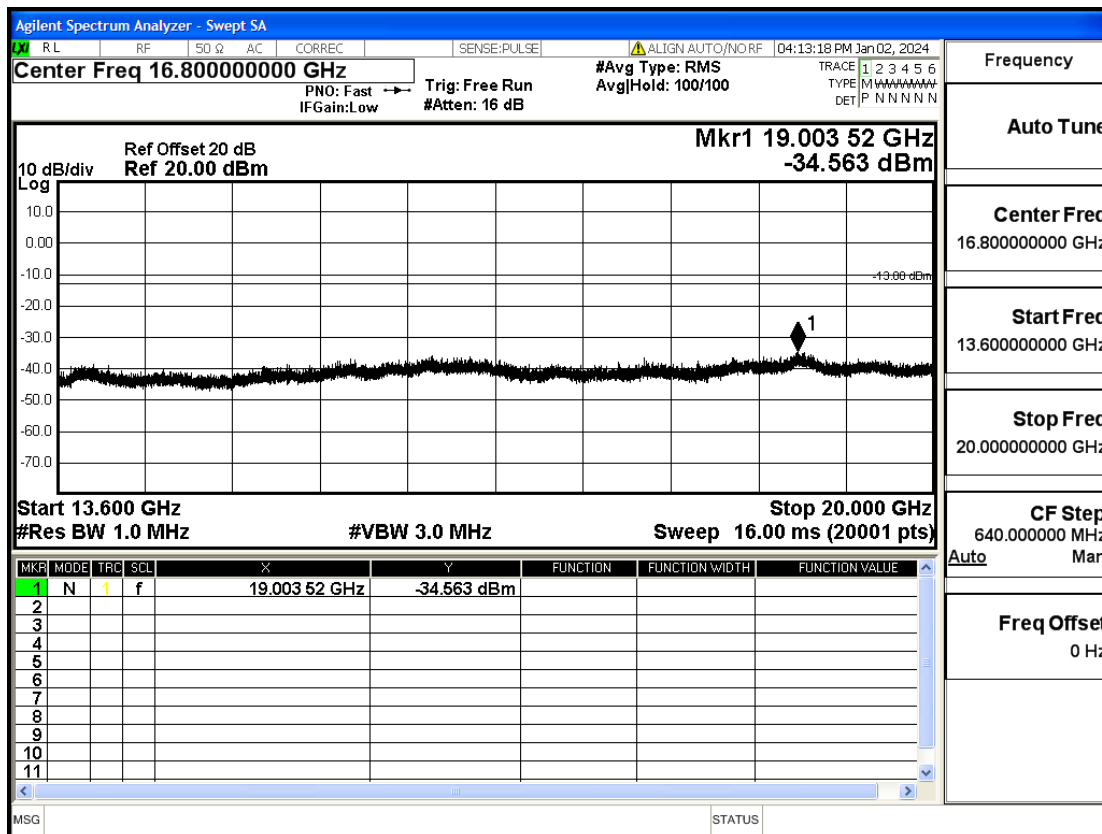
OB2-15-1902.5-Q16-75#LOW@1GHz-7GHz@Pass



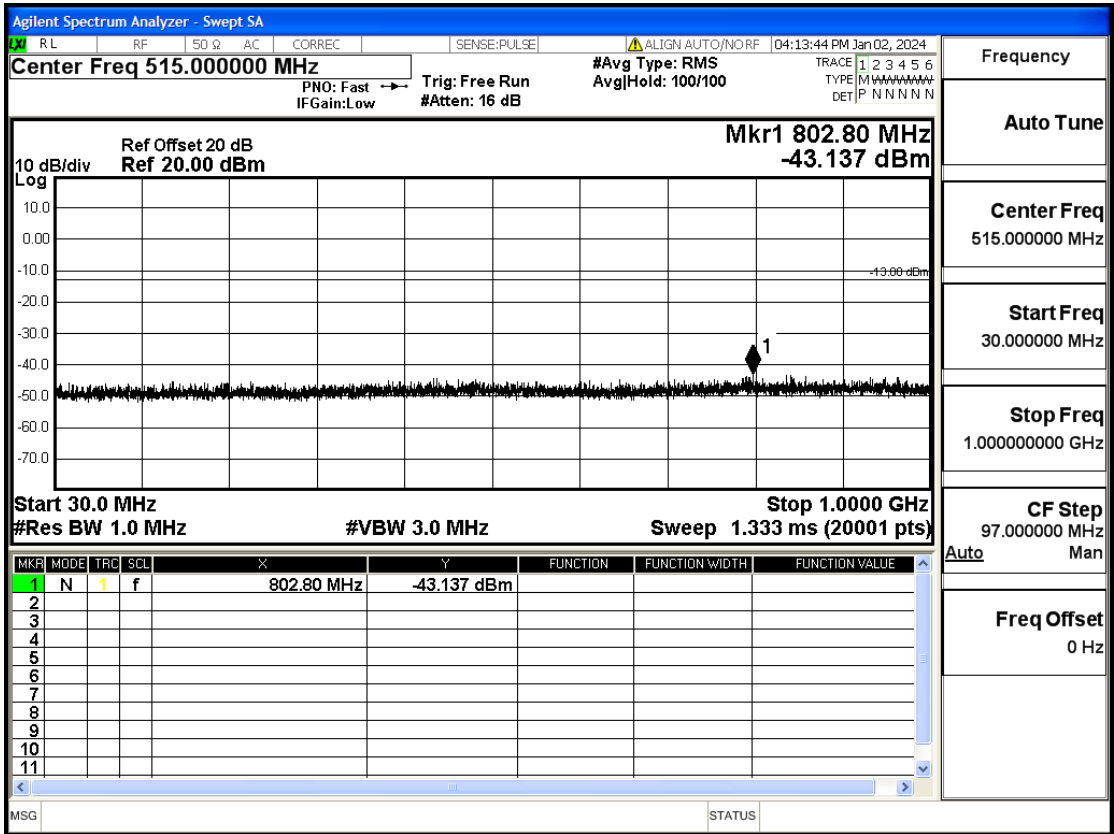
OB2-15-1902.5-Q16-75#LOW@7GHz-13.6GHz@Pass



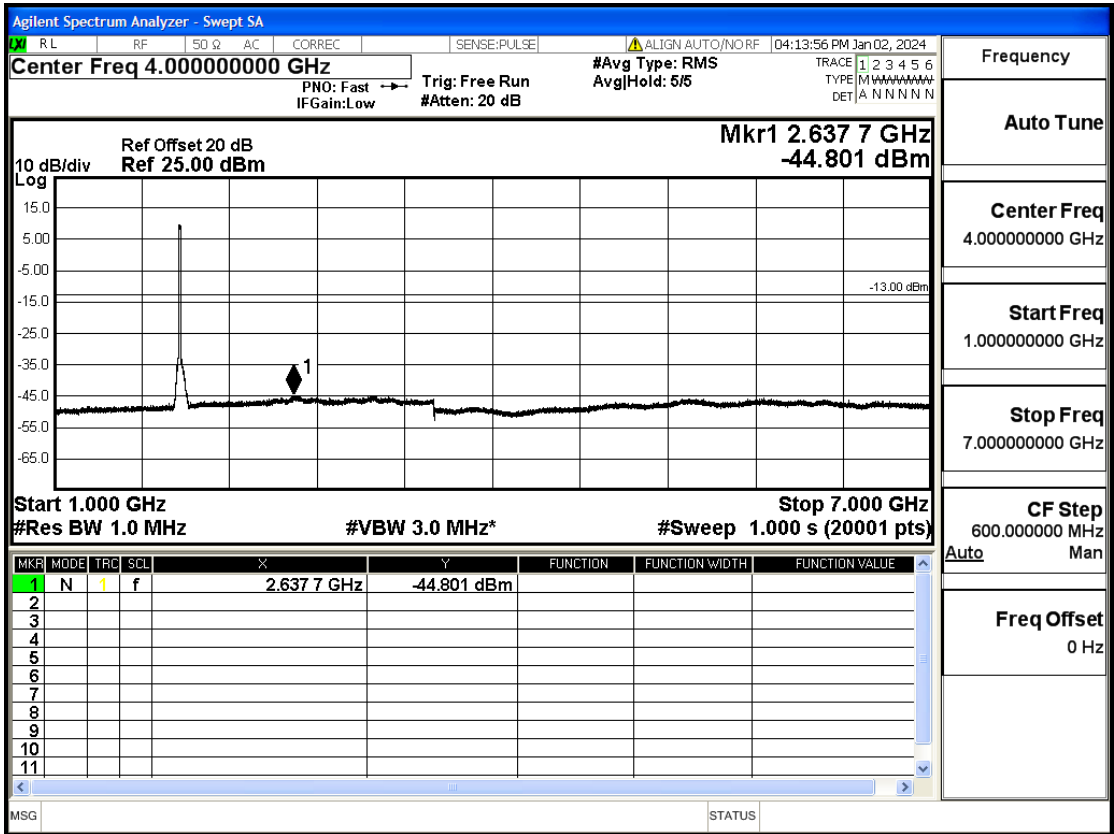
OB2-15-1902.5-Q16-75#LOW@13.6GHz-20GHz@Pass



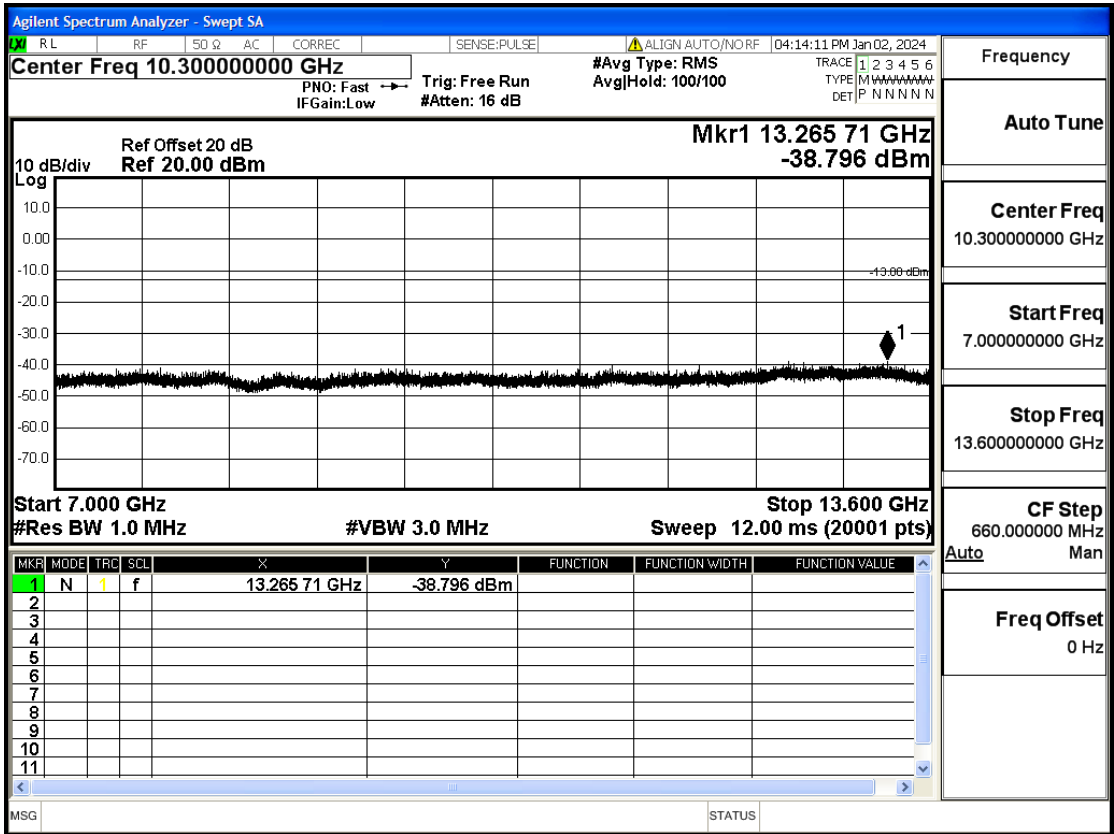
OB2-20-1860-Q16-100#LOW@30mHz-1GHz@Pass



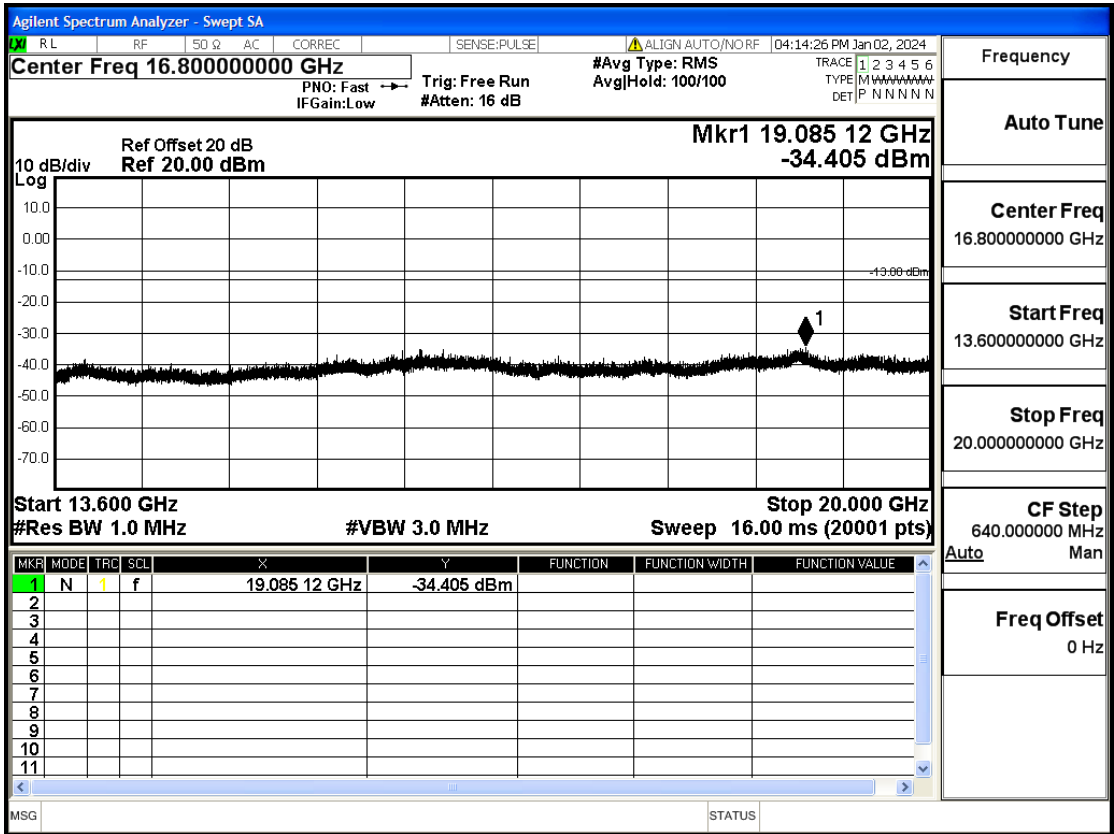
OB2-20-1860-Q16-100#LOW@1GHz-7GHz@Pass



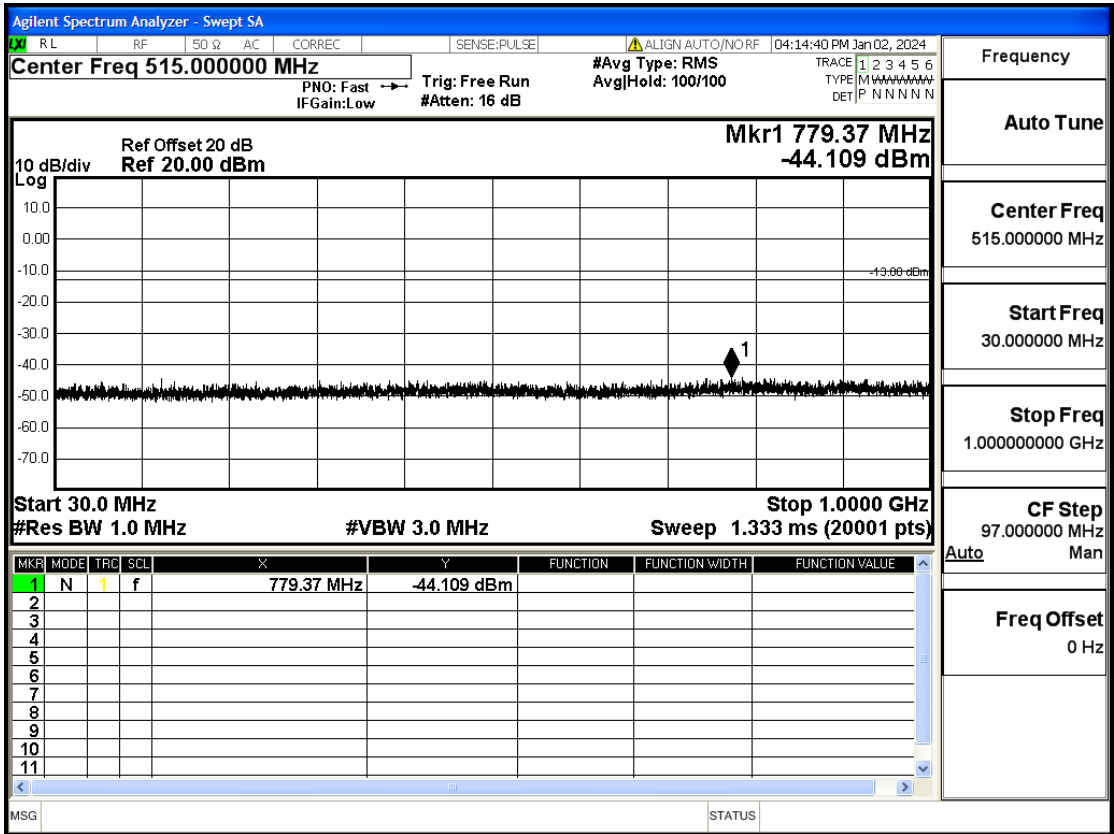
OB2-20-1860-Q16-100#LOW@7GHz-13.6GHz@Pass



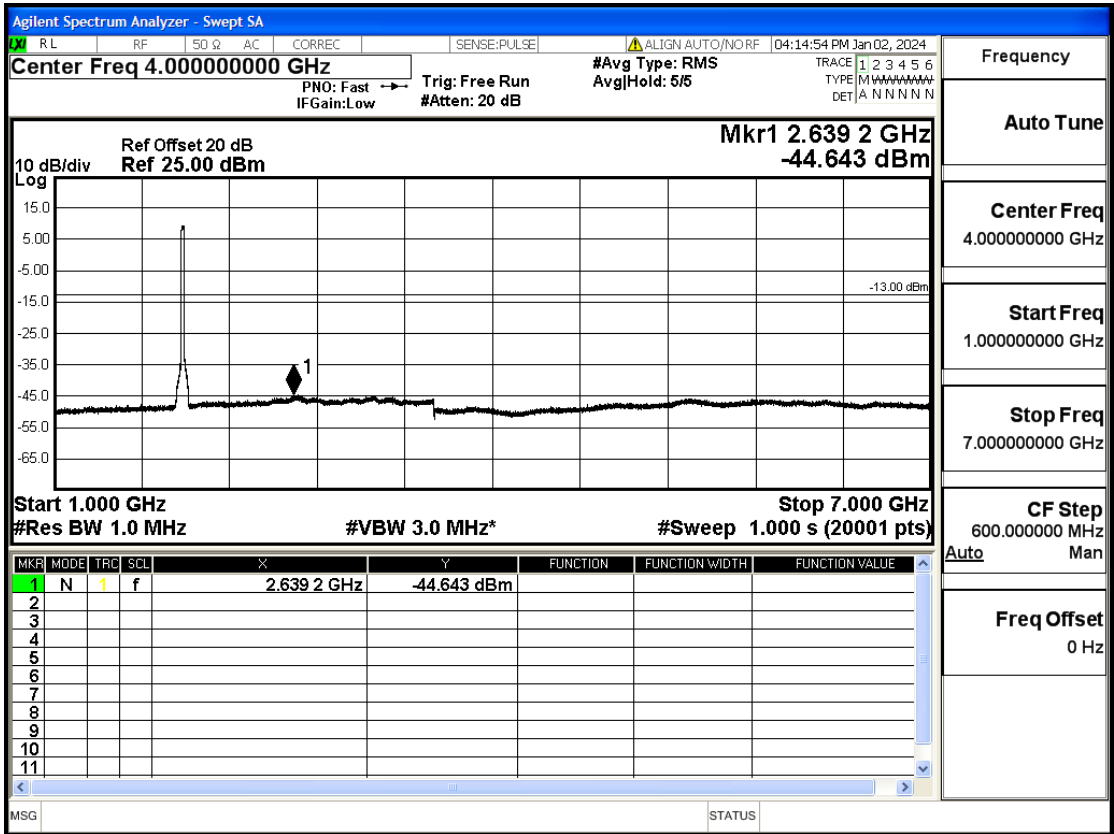
OB2-20-1860-Q16-100#LOW@13.6GHz-20GHz@Pass



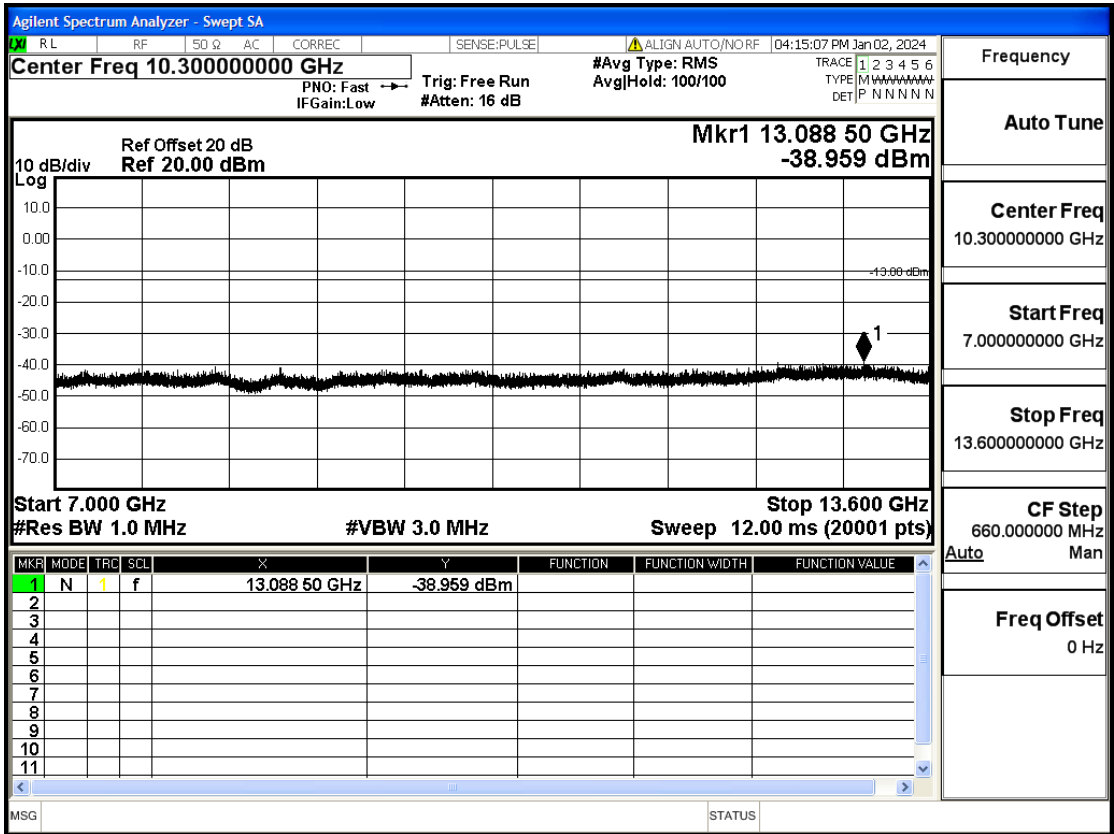
OB2-20-1880-Q16-100#LOW@30mHz-1GHz@Pass



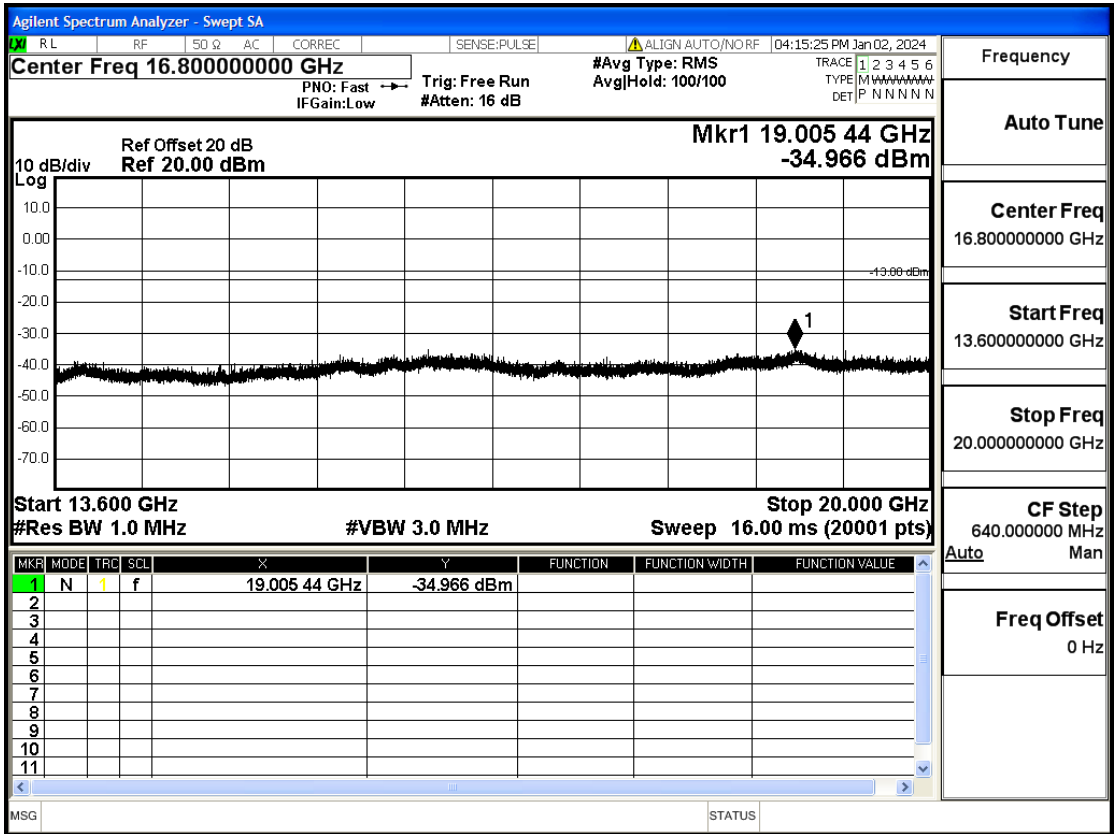
OB2-20-1880-Q16-100#LOW@1GHz-7GHz@Pass



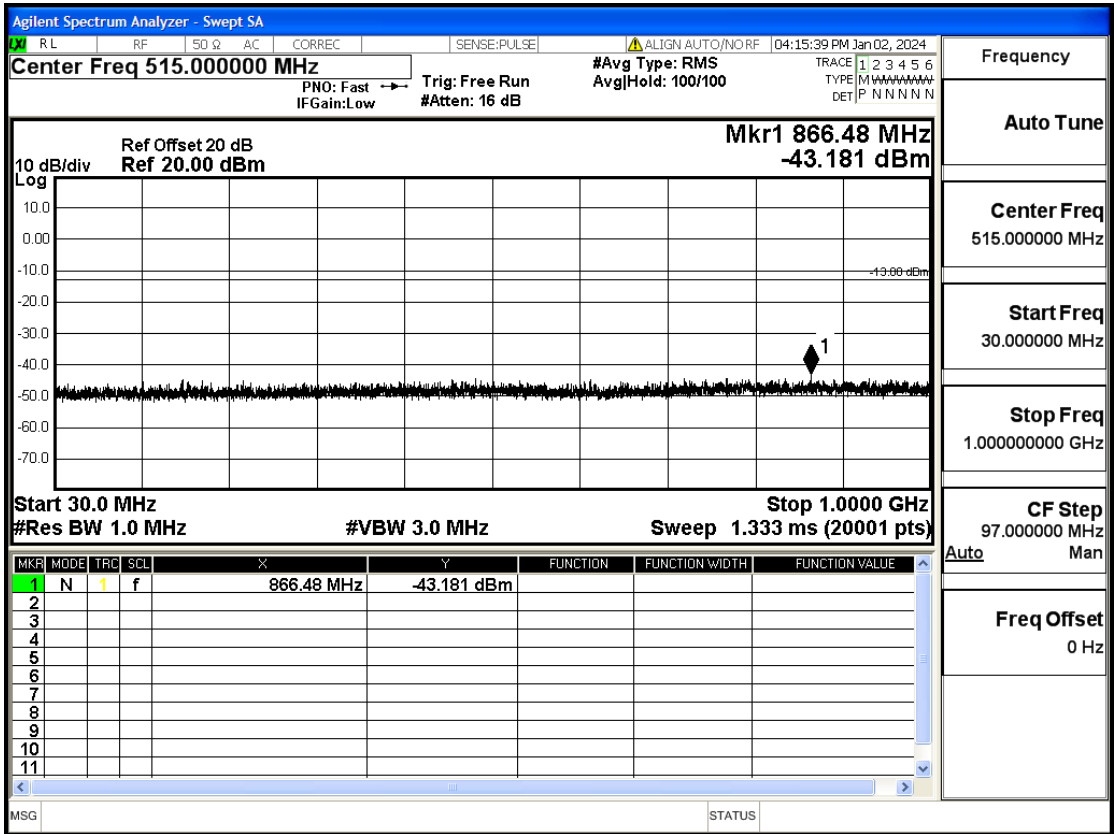
OB2-20-1880-Q16-100#LOW@7GHz-13.6GHz@Pass



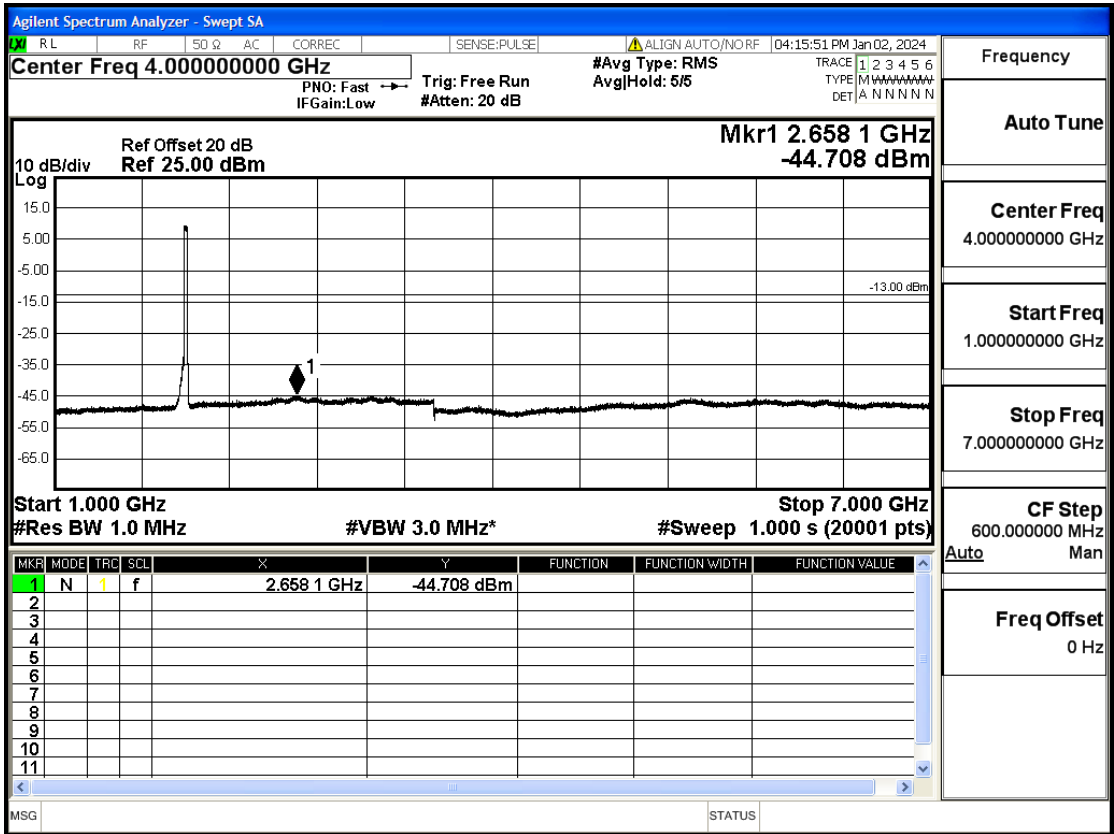
OB2-20-1880-Q16-100#LOW@13.6GHz-20GHz@Pass



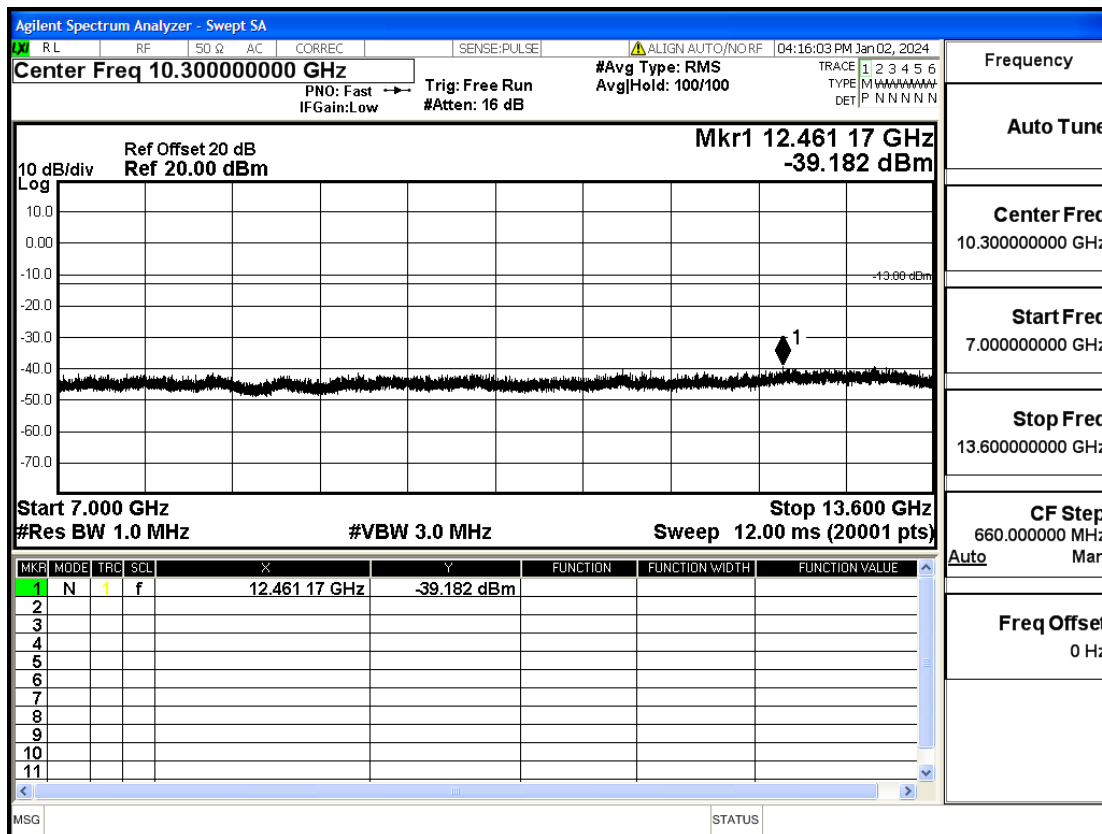
OB2-20-1900-Q16-100#LOW@30mHz-1GHz@Pass



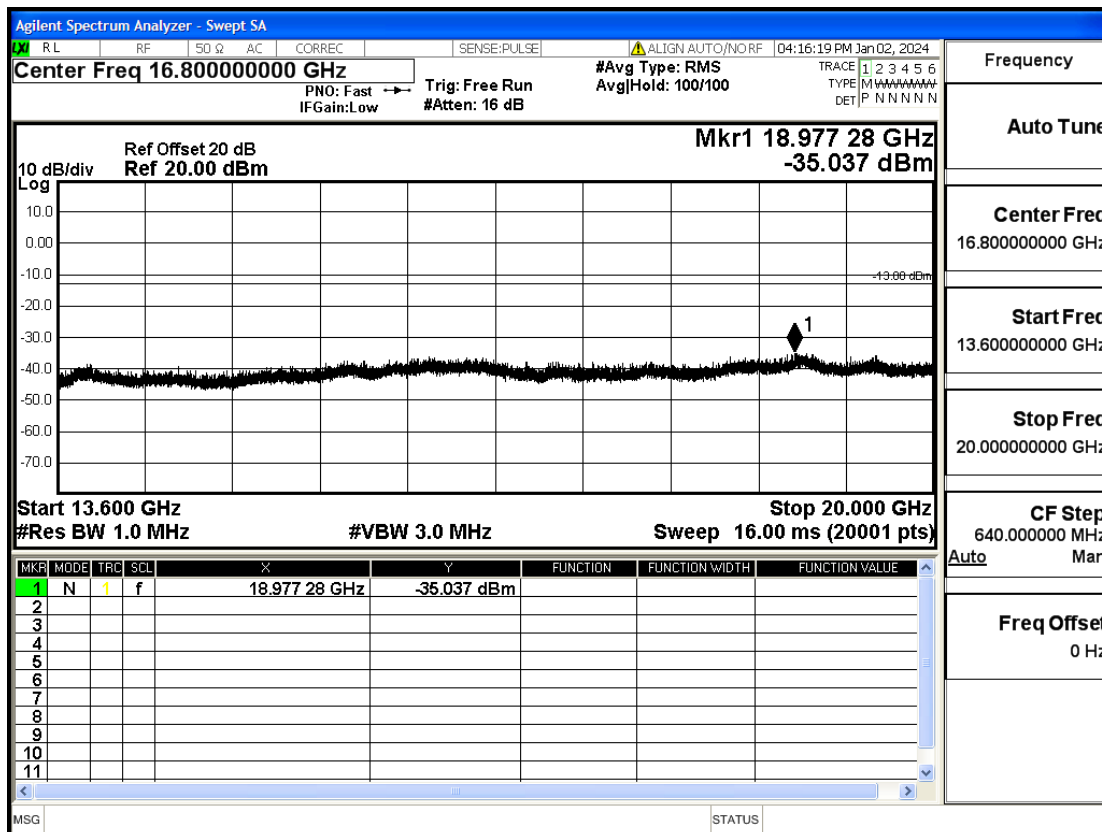
OB2-20-1900-Q16-100#LOW@1GHz-7GHz@Pass



OB2-20-1900-Q16-100#LOW@7GHz-13.6GHz@Pass



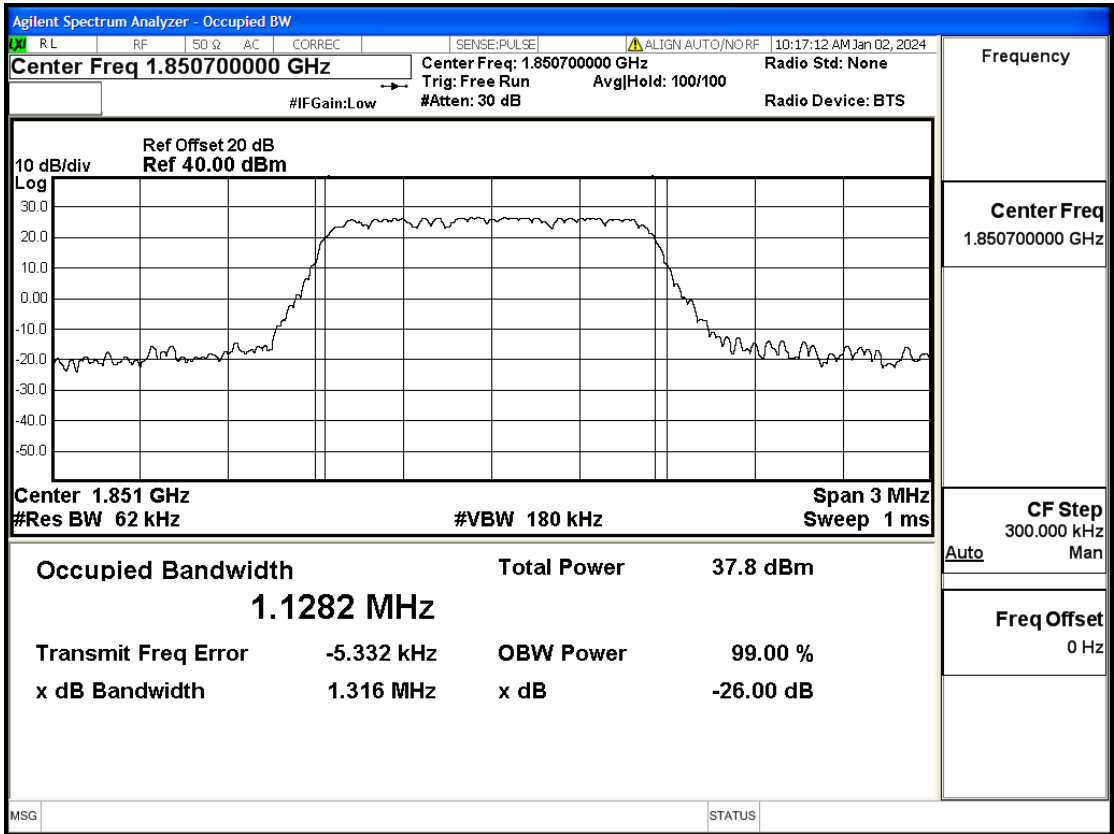
OB2-20-1900-Q16-100#LOW@13.6GHz-20GHz@Pass



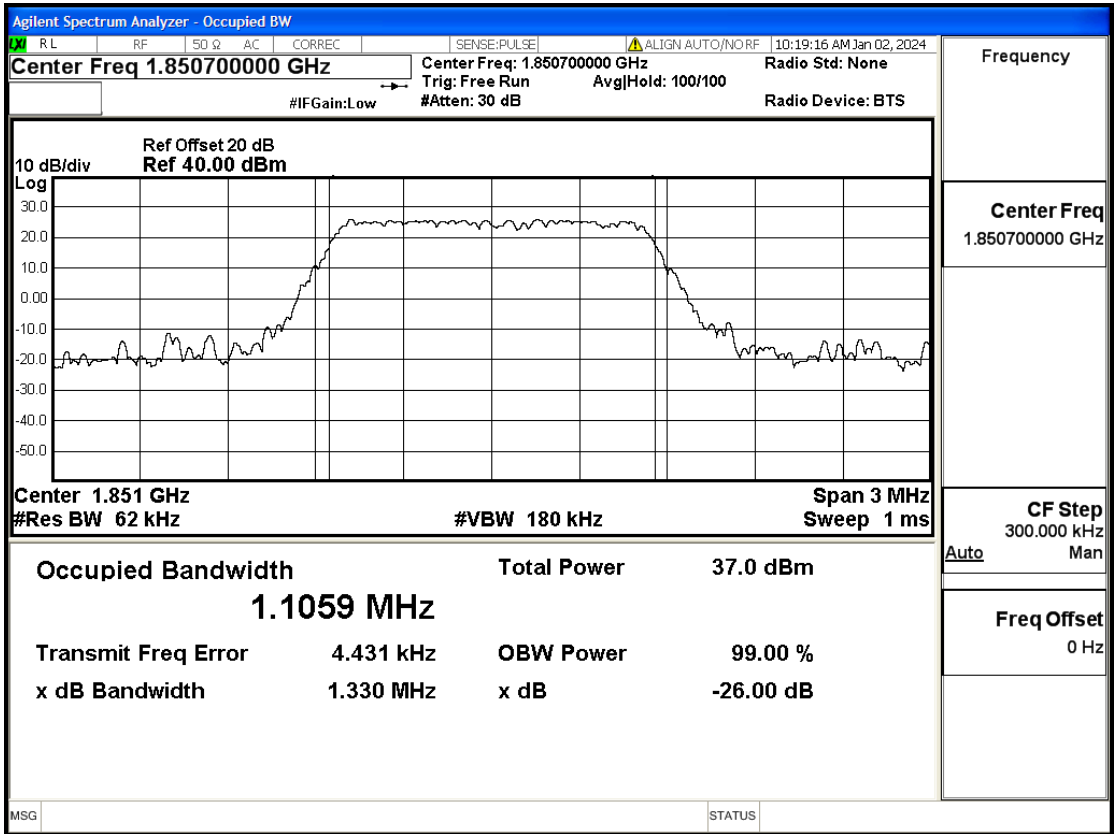
Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band2	1.4	1850.7	QPSK	6	LOW	1128.2	1316	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1105.9	1330	No limit
Band2	1.4	1880	QPSK	6	LOW	1110	1320	No limit
Band2	1.4	1880	16QAM	6	LOW	1122.2	1345	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1118.9	1342	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1117	1323	No limit
Band2	3	1851.5	QPSK	15	LOW	2736.3	2987	No limit
Band2	3	1851.5	16QAM	15	LOW	2734.7	3002	No limit
Band2	3	1880	QPSK	15	LOW	2731.9	2994	No limit
Band2	3	1880	16QAM	15	LOW	2739.3	2963	No limit
Band2	3	1908.5	QPSK	15	LOW	2735.8	3023	No limit
Band2	3	1908.5	16QAM	15	LOW	2729.9	3021	No limit
Band2	5	1852.5	QPSK	25	LOW	4594.5	5314	No limit
Band2	5	1852.5	16QAM	25	LOW	4586	5141	No limit
Band2	5	1880	QPSK	25	LOW	4609.9	5260	No limit
Band2	5	1880	16QAM	25	LOW	4582	5243	No limit
Band2	5	1907.5	QPSK	25	LOW	4581.5	5257	No limit
Band2	5	1907.5	16QAM	25	LOW	4596.8	5254	No limit
Band2	10	1855	QPSK	50	LOW	9127.8	10260	No limit
Band2	10	1855	16QAM	50	LOW	9157.2	10310	No limit
Band2	10	1880	QPSK	50	LOW	9150	10290	No limit
Band2	10	1880	16QAM	50	LOW	9129.9	10240	No limit
Band2	10	1905	QPSK	50	LOW	9093.6	10180	No limit
Band2	10	1905	16QAM	50	LOW	9117.3	10270	No limit
Band2	15	1857.5	QPSK	75	LOW	13666	15240	No limit
Band2	15	1857.5	16QAM	75	LOW	13723	15440	No limit
Band2	15	1880	QPSK	75	LOW	13717	15340	No limit
Band2	15	1880	16QAM	75	LOW	13697	15230	No limit
Band2	15	1902.5	QPSK	75	LOW	13706	15390	No limit
Band2	15	1902.5	16QAM	75	LOW	13710	15440	No limit
Band2	20	1860	QPSK	100	LOW	18258	19900	No limit
Band2	20	1860	16QAM	100	LOW	18194	20040	No limit
Band2	20	1880	QPSK	100	LOW	18236	20130	No limit
Band2	20	1880	16QAM	100	LOW	18237	20120	No limit
Band2	20	1900	QPSK	100	LOW	18228	20110	No limit
Band2	20	1900	16QAM	100	LOW	18253	20240	No limit

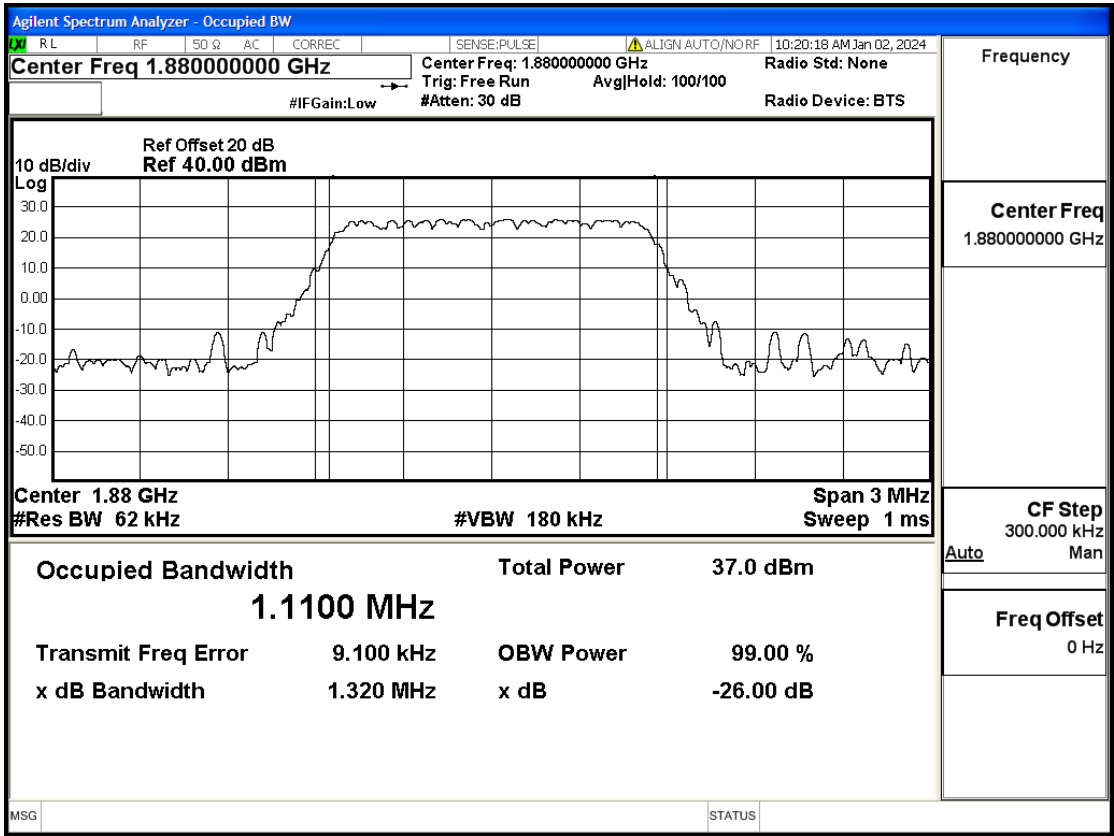
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



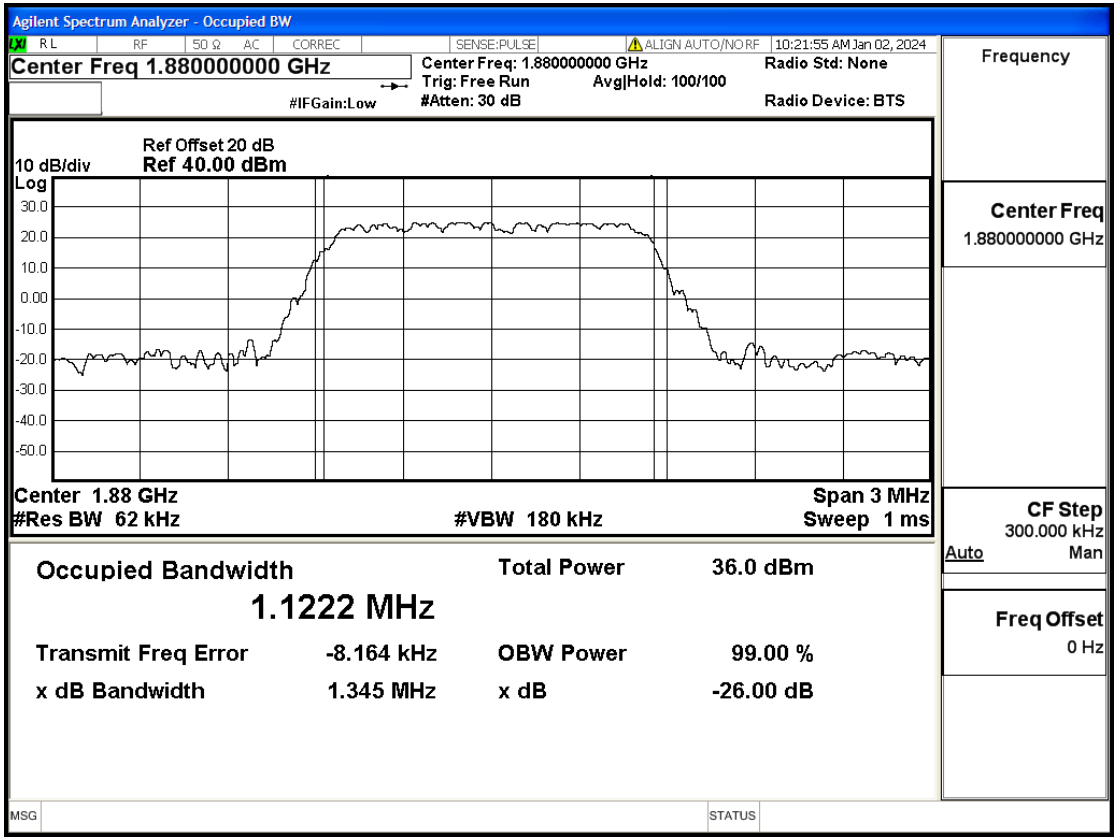
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



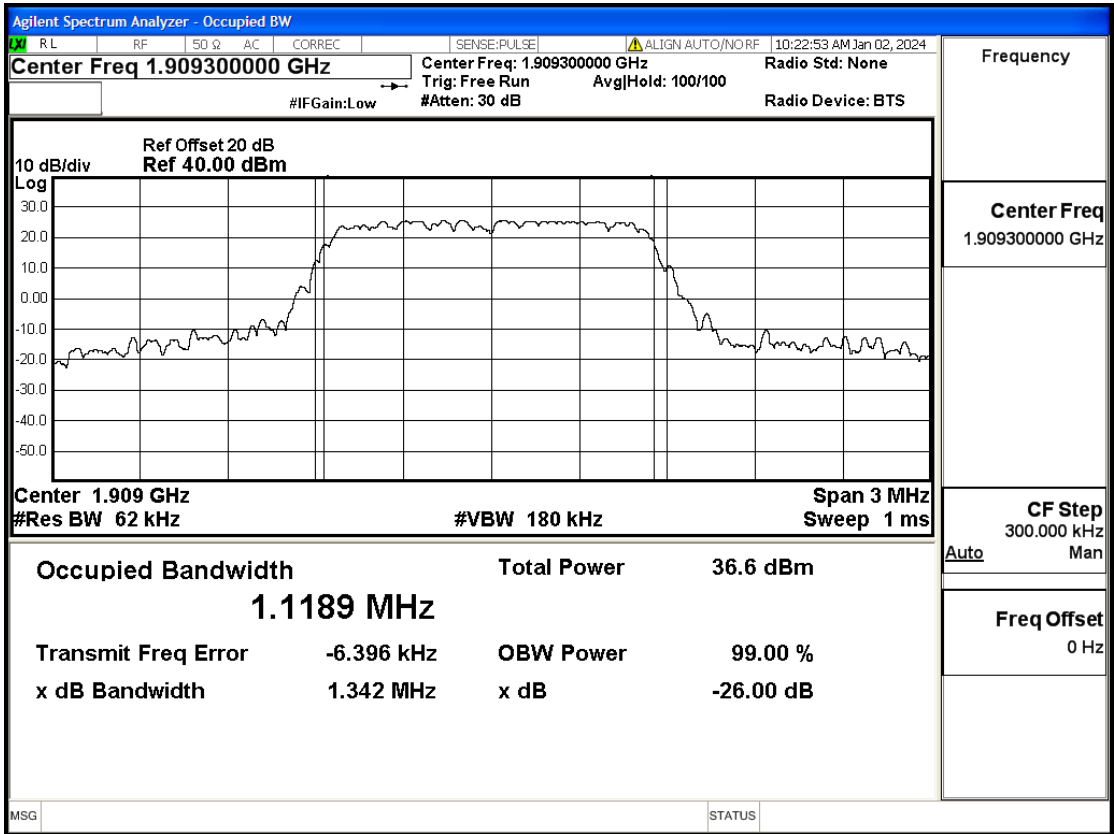
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



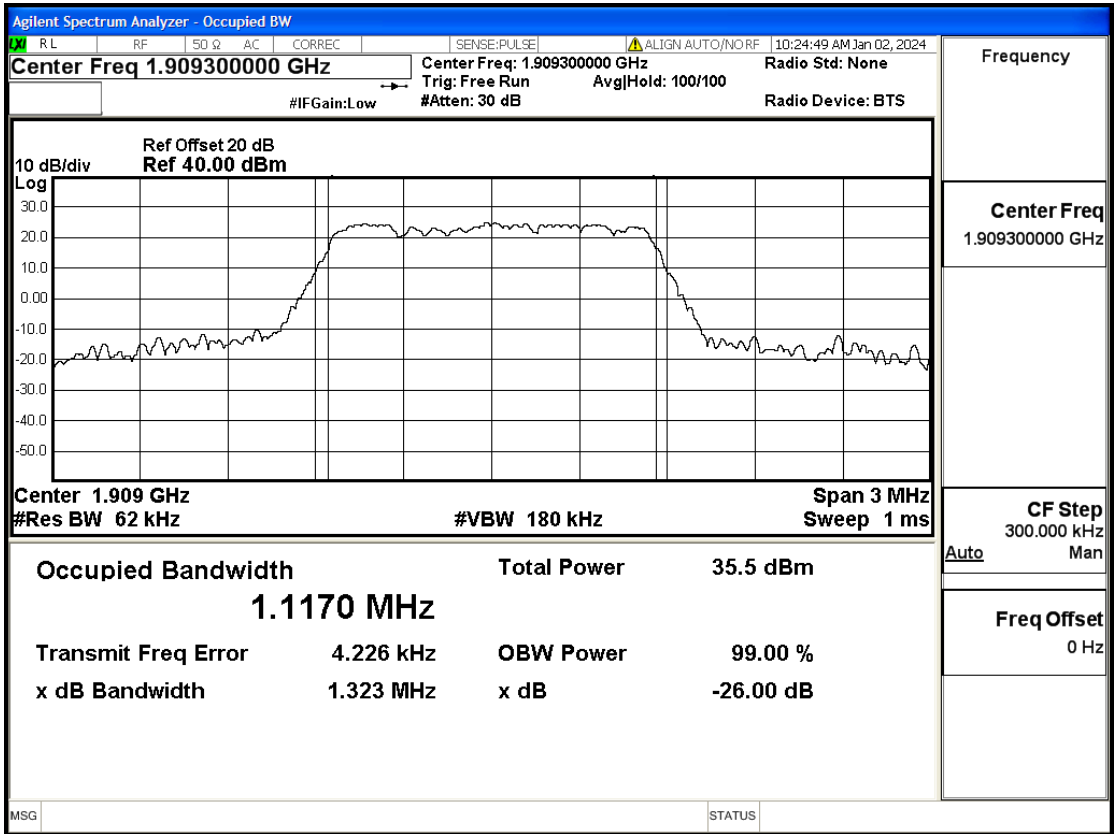
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



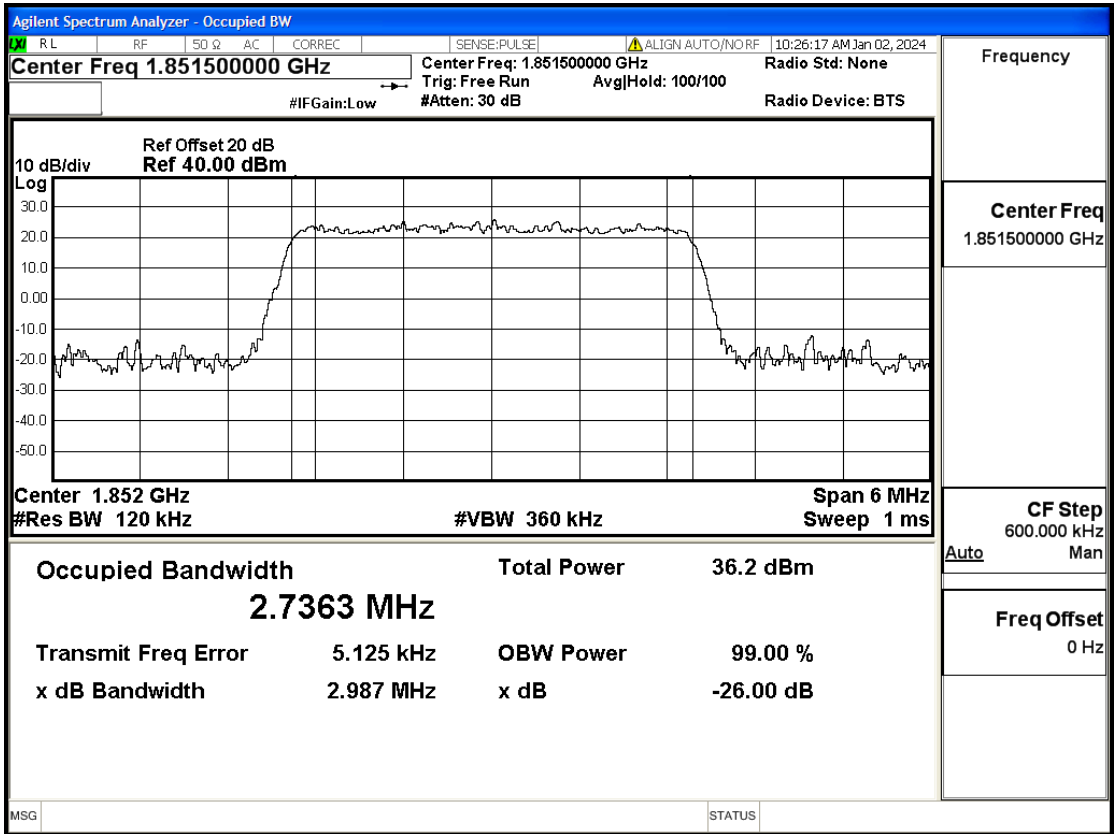
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



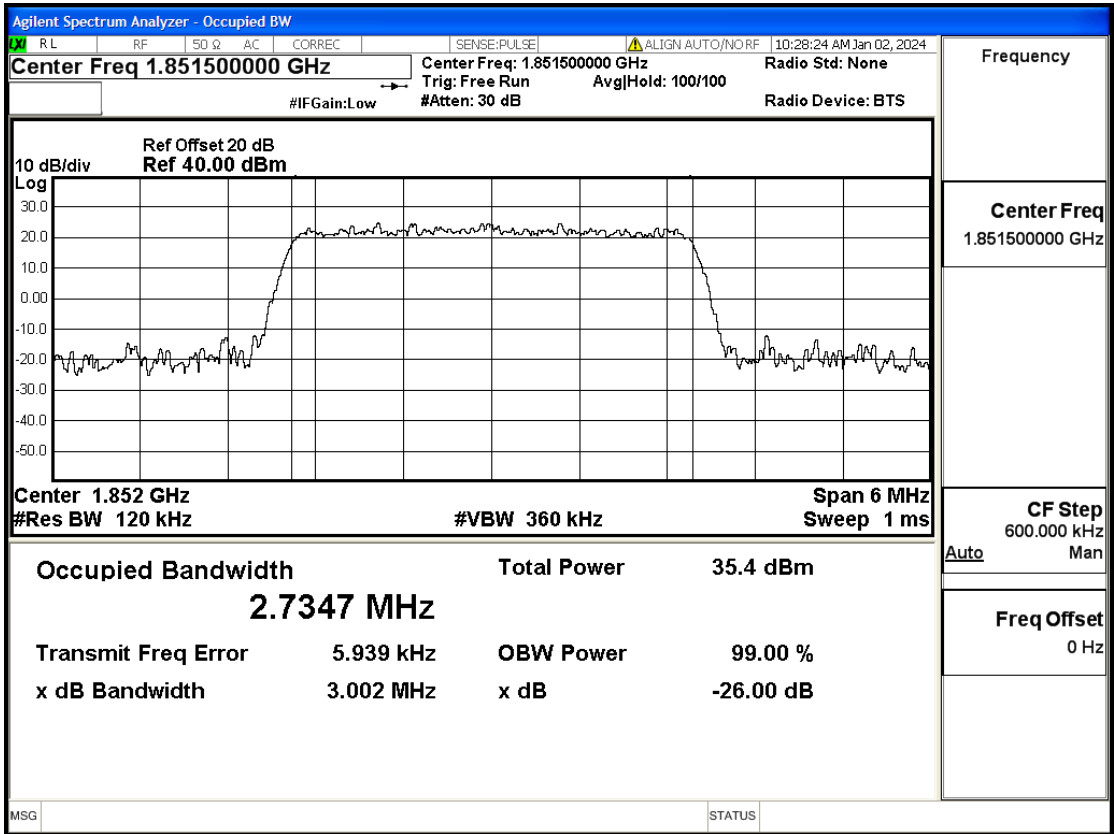
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



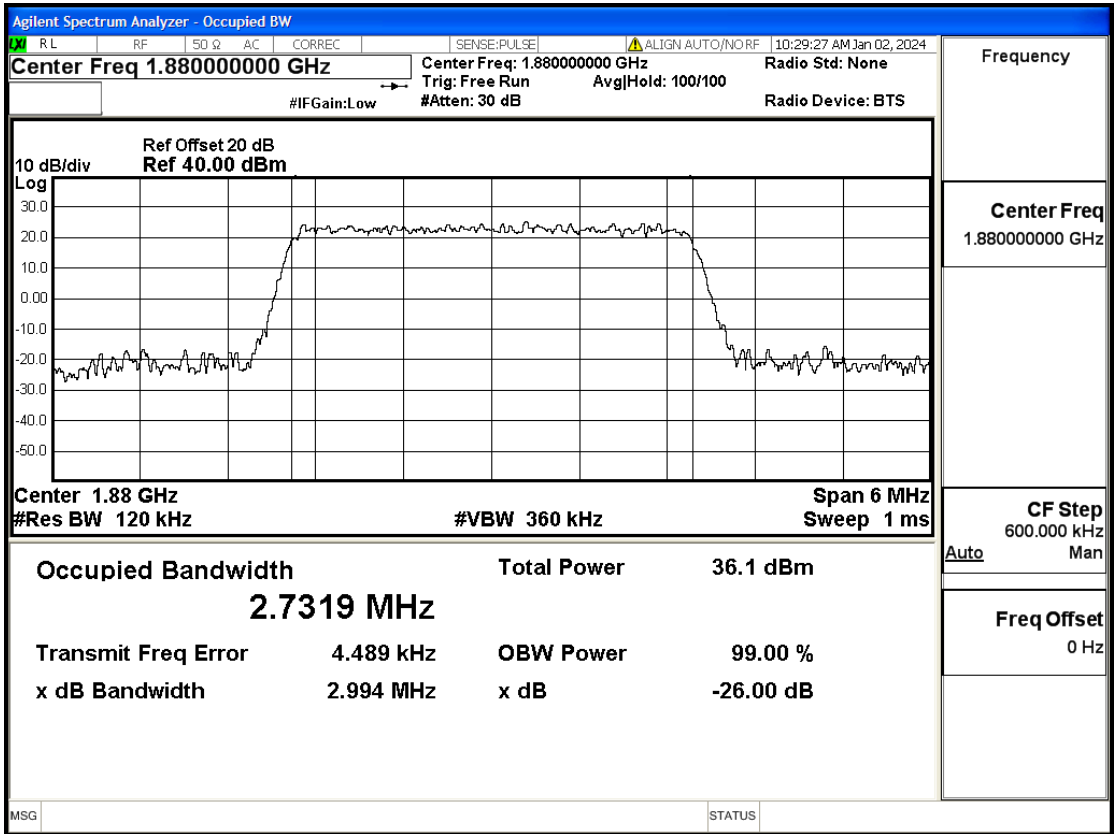
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



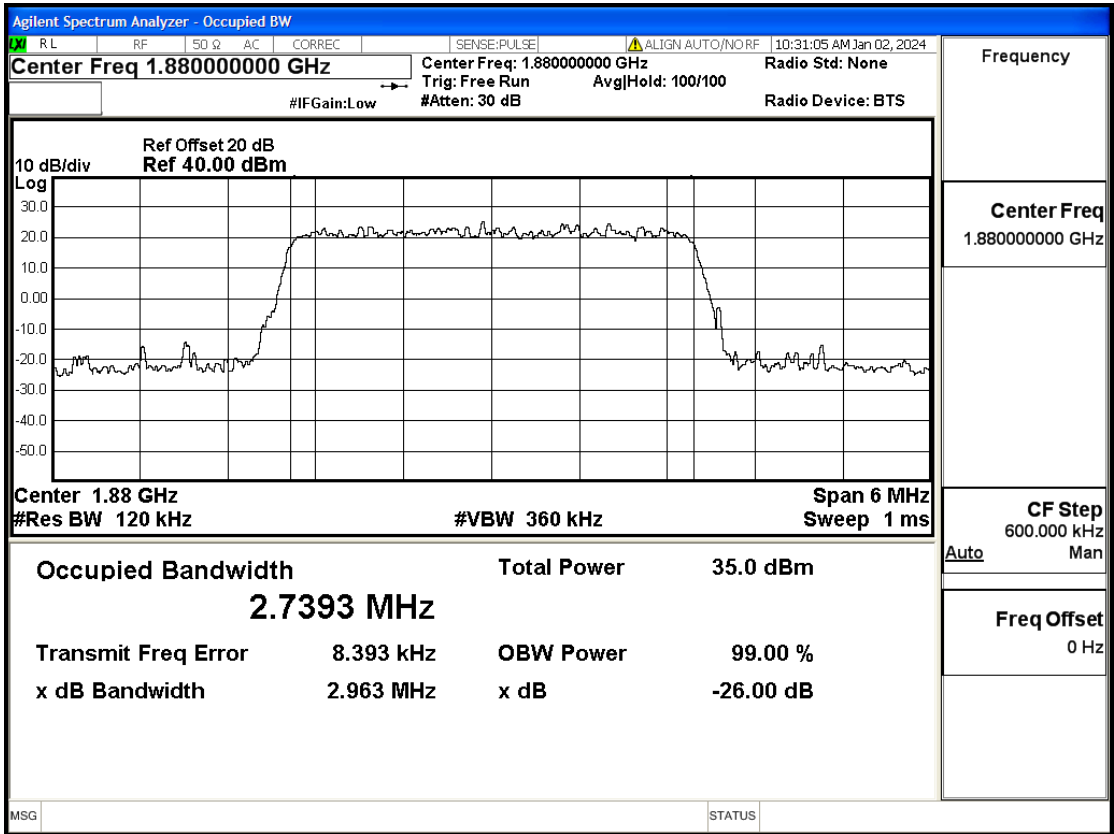
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



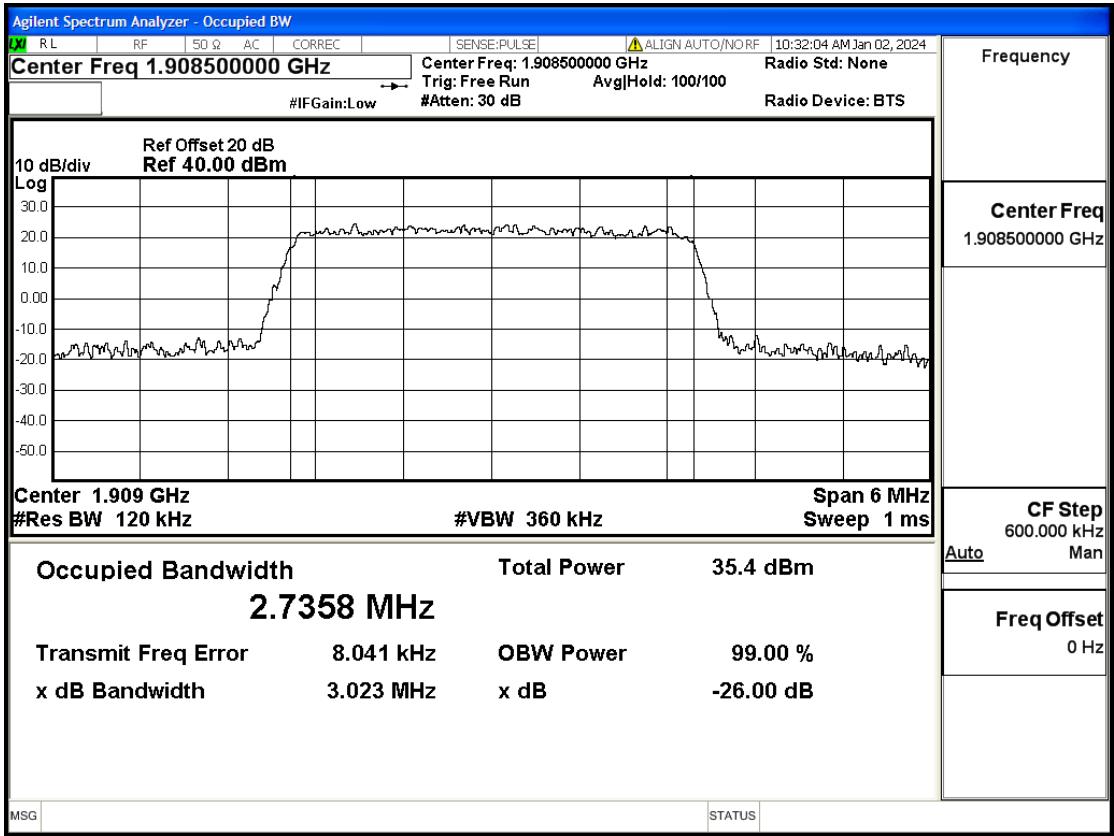
Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth



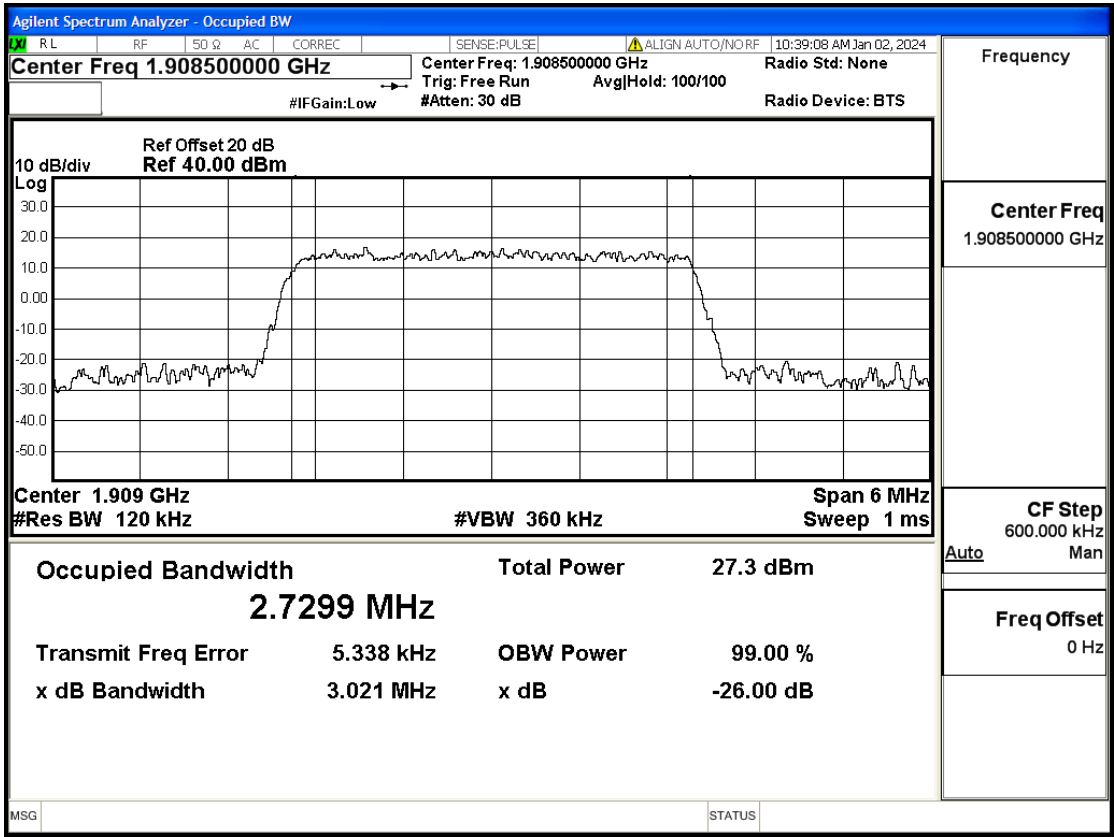
Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth



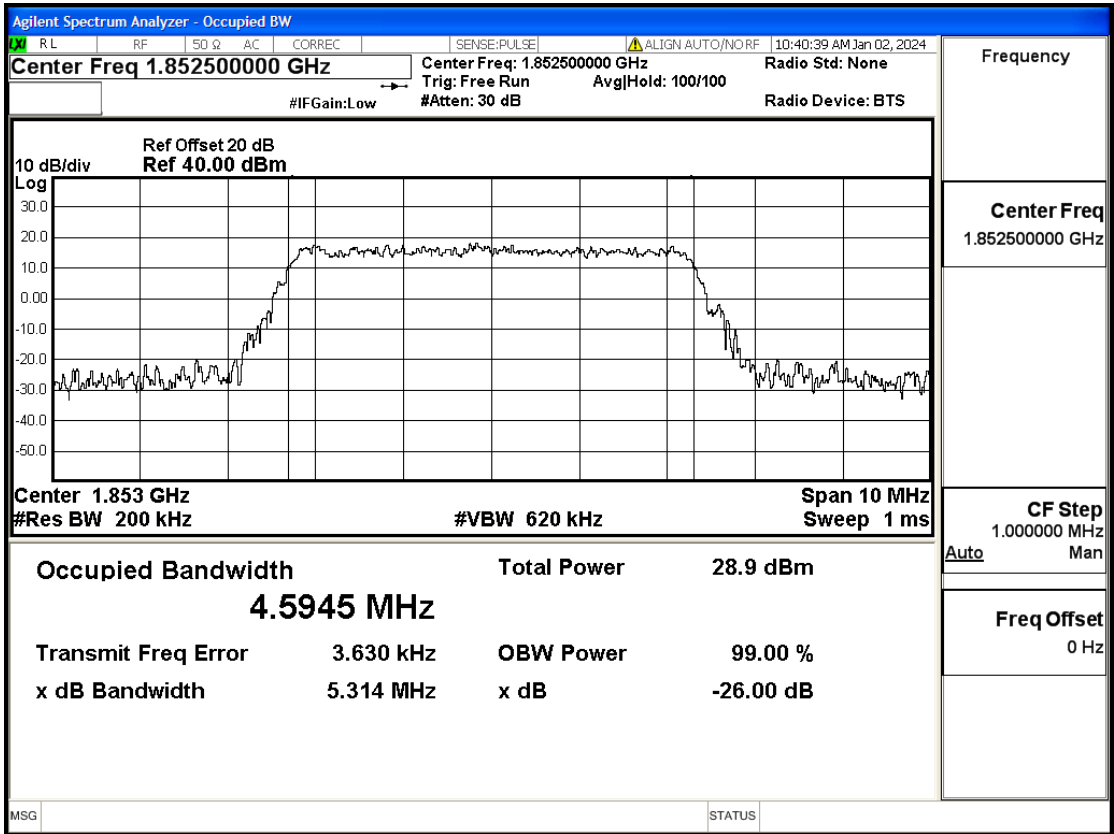
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



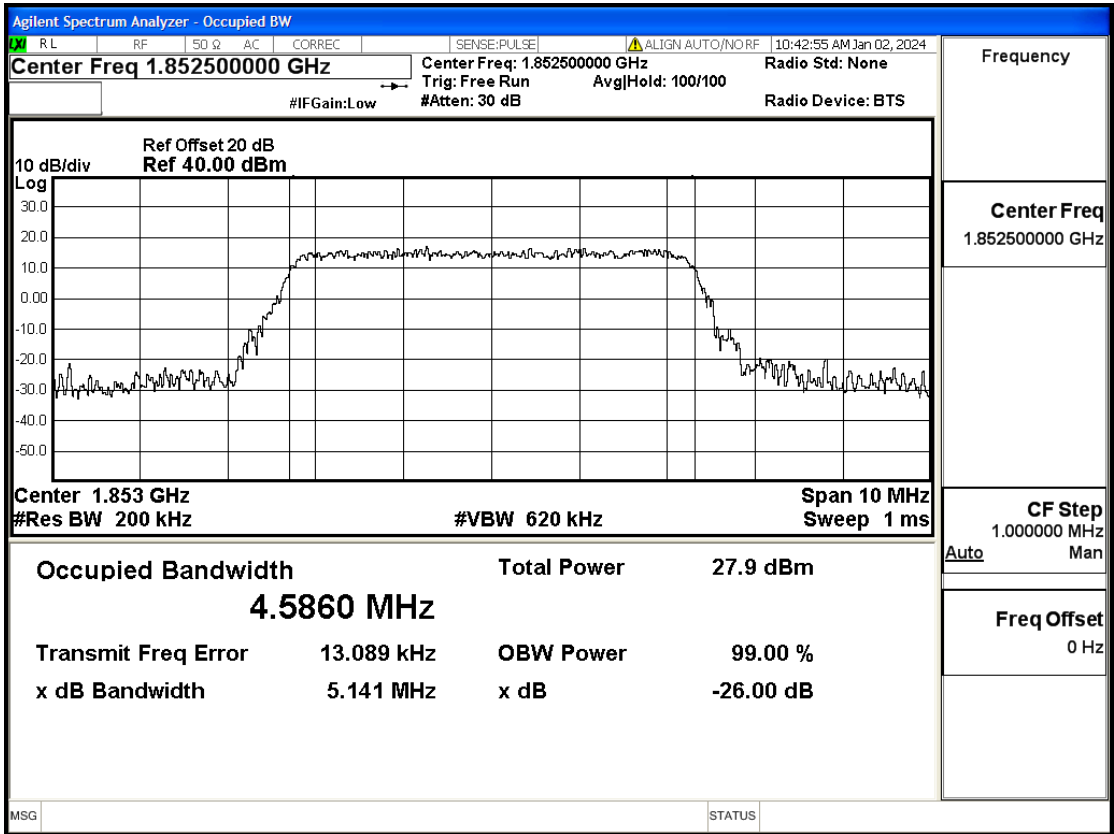
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



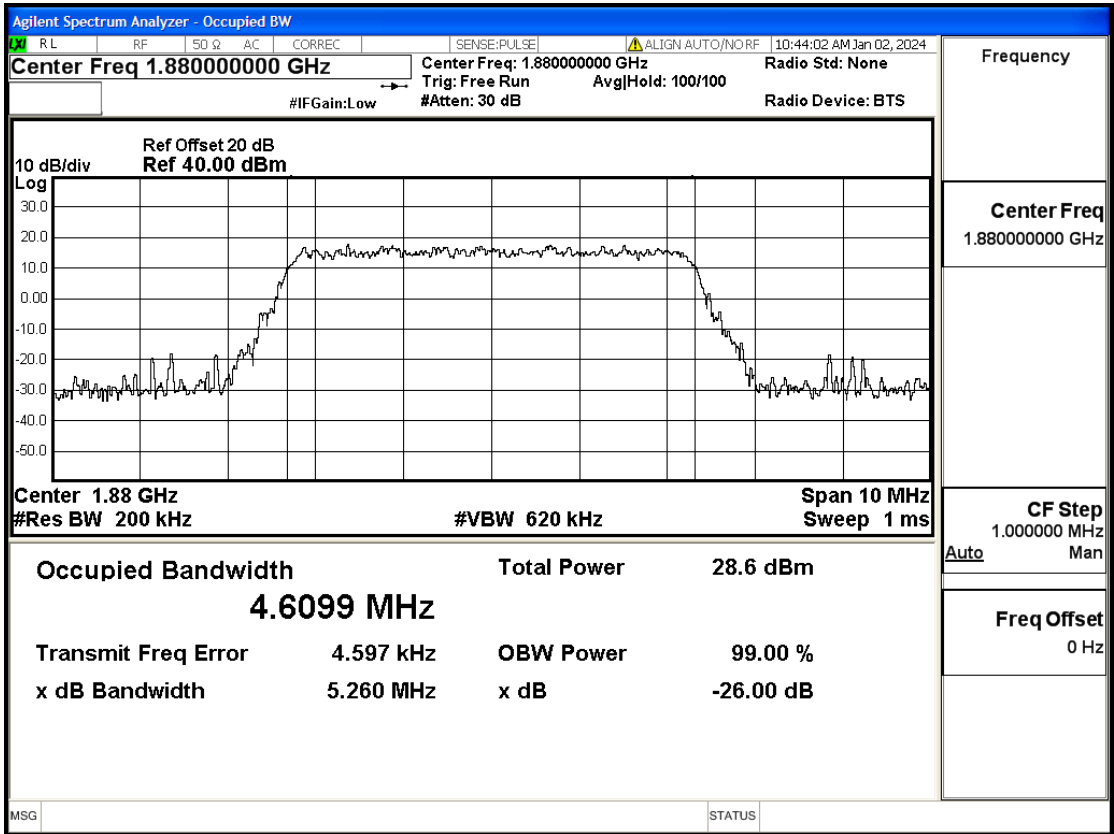
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



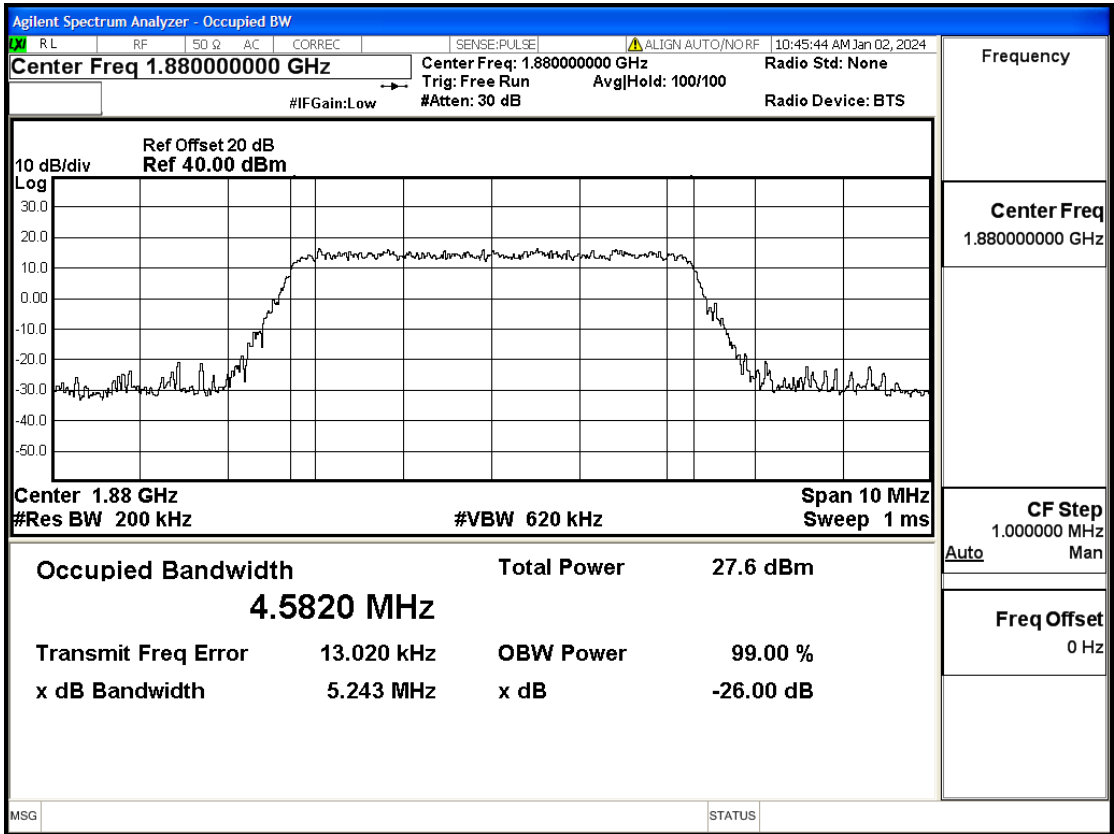
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



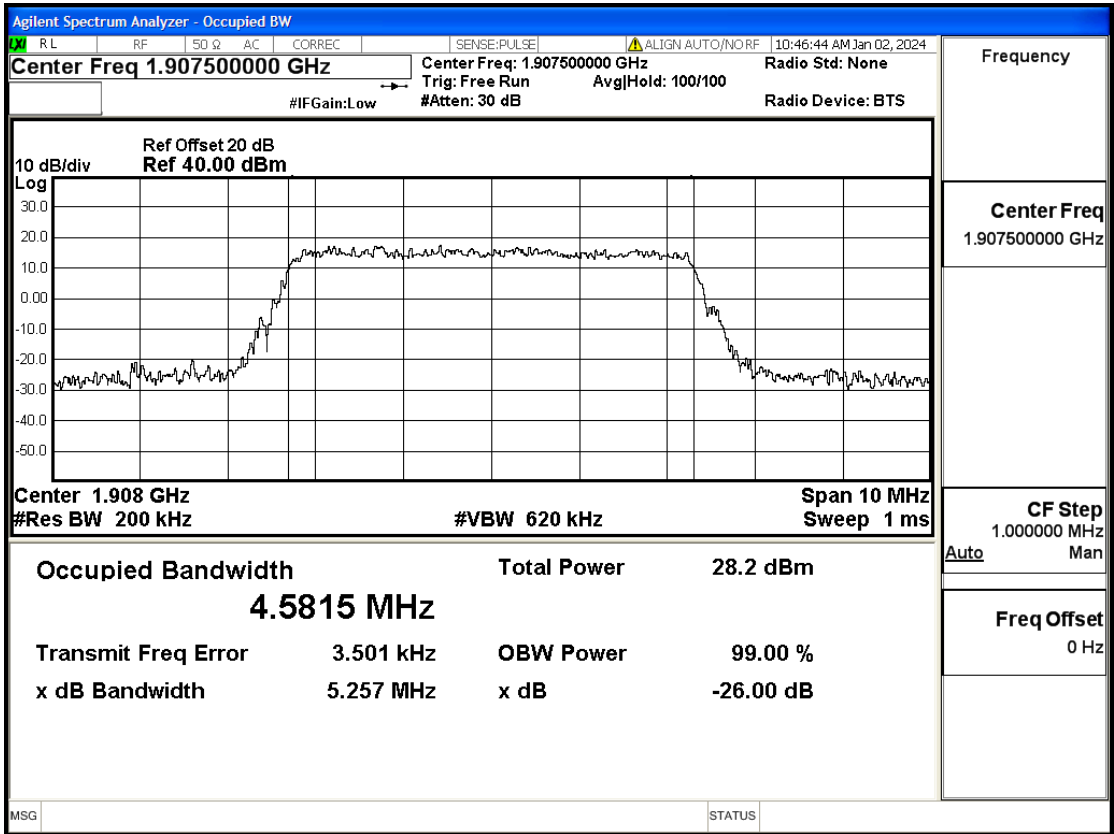
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



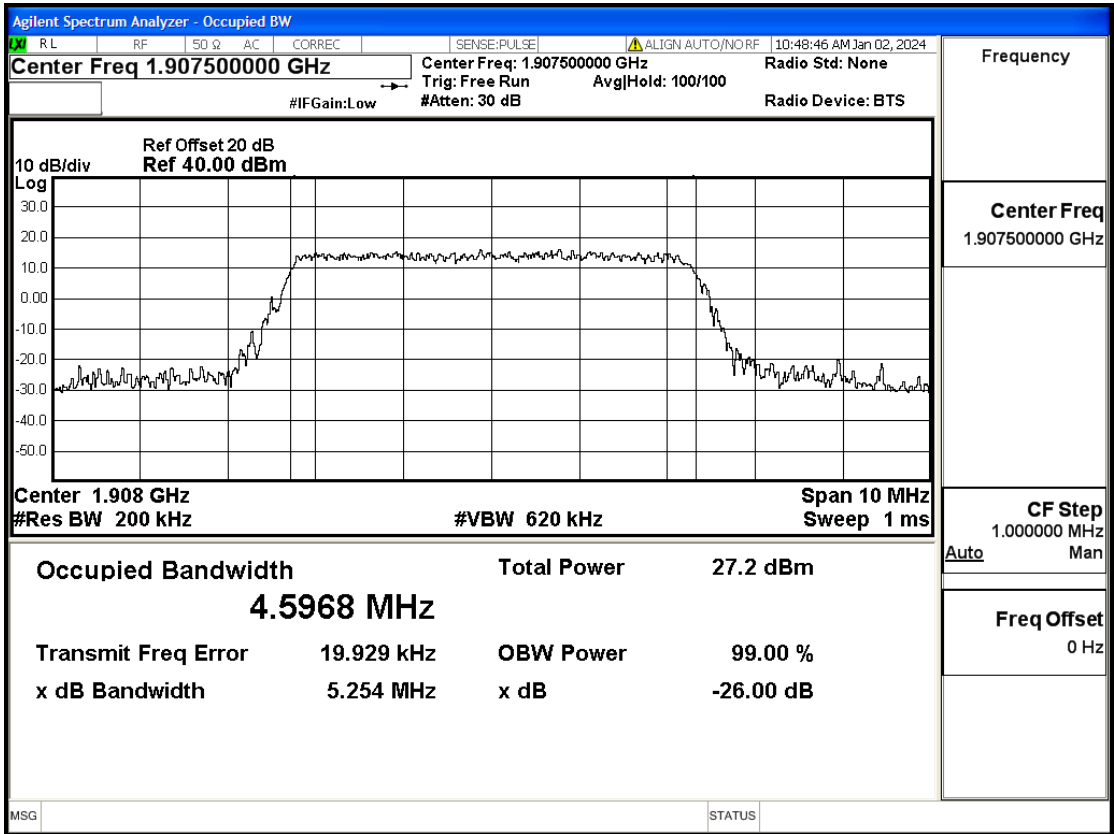
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



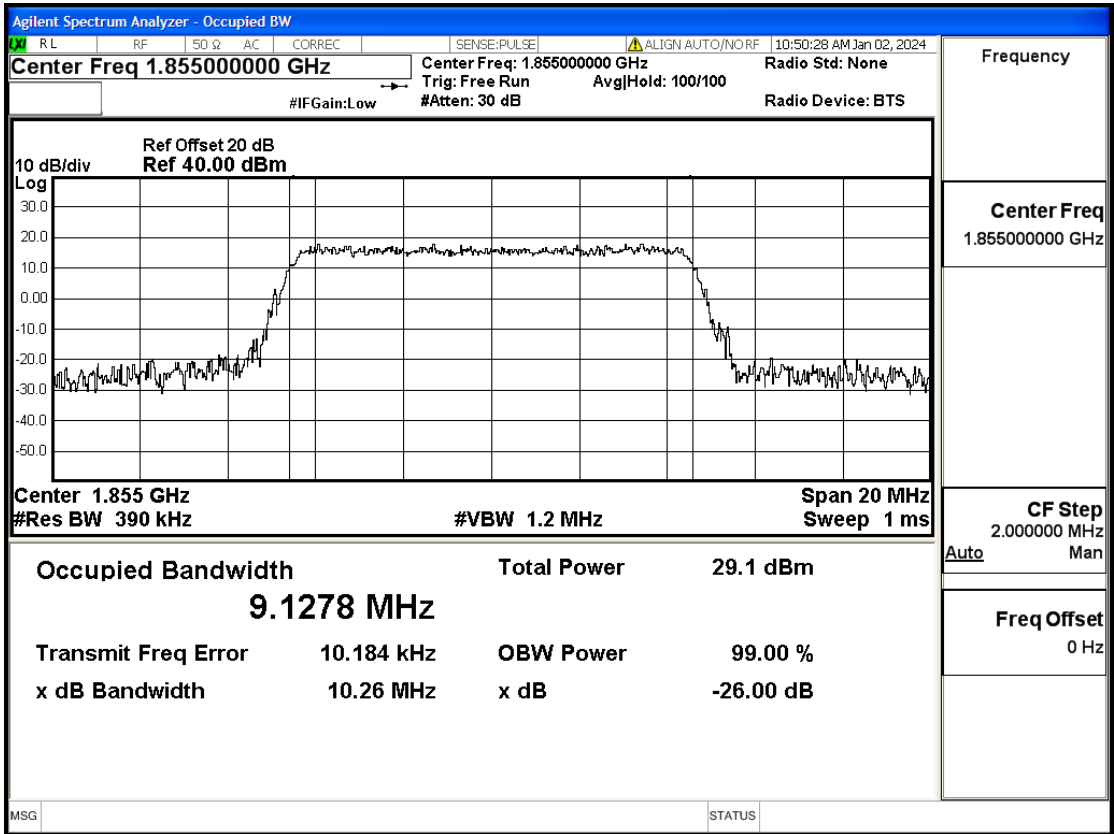
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



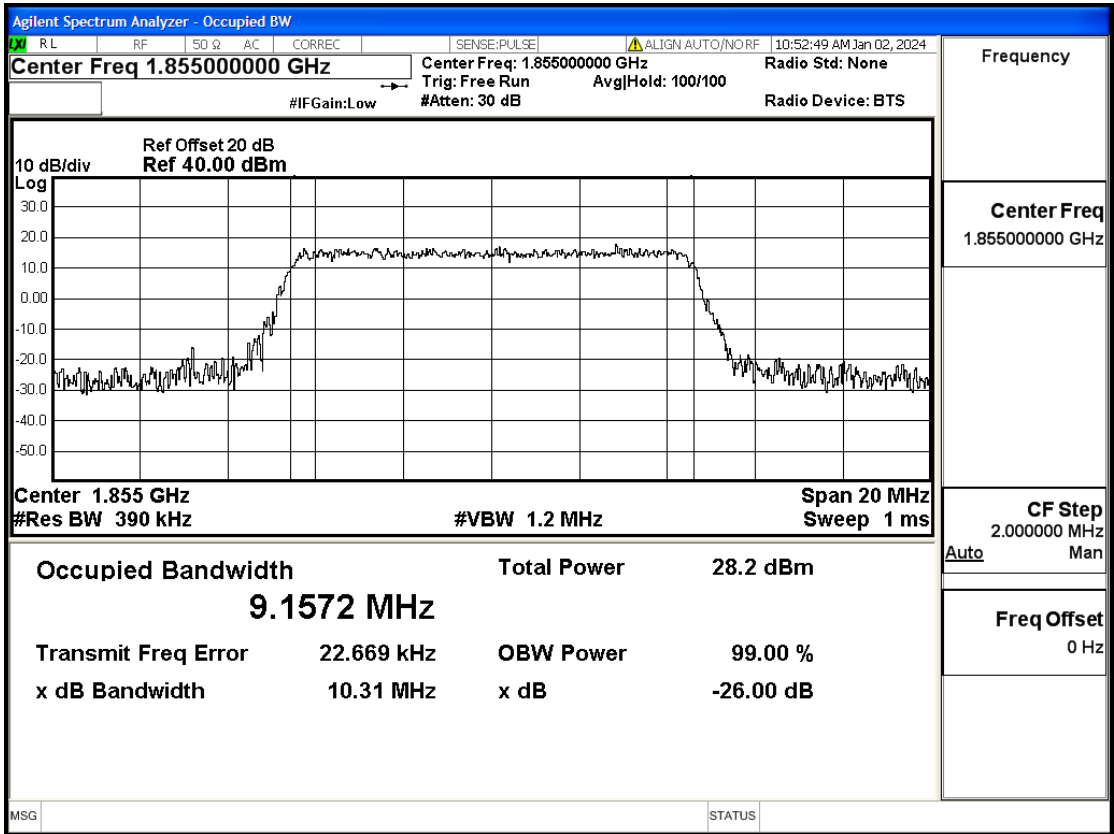
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



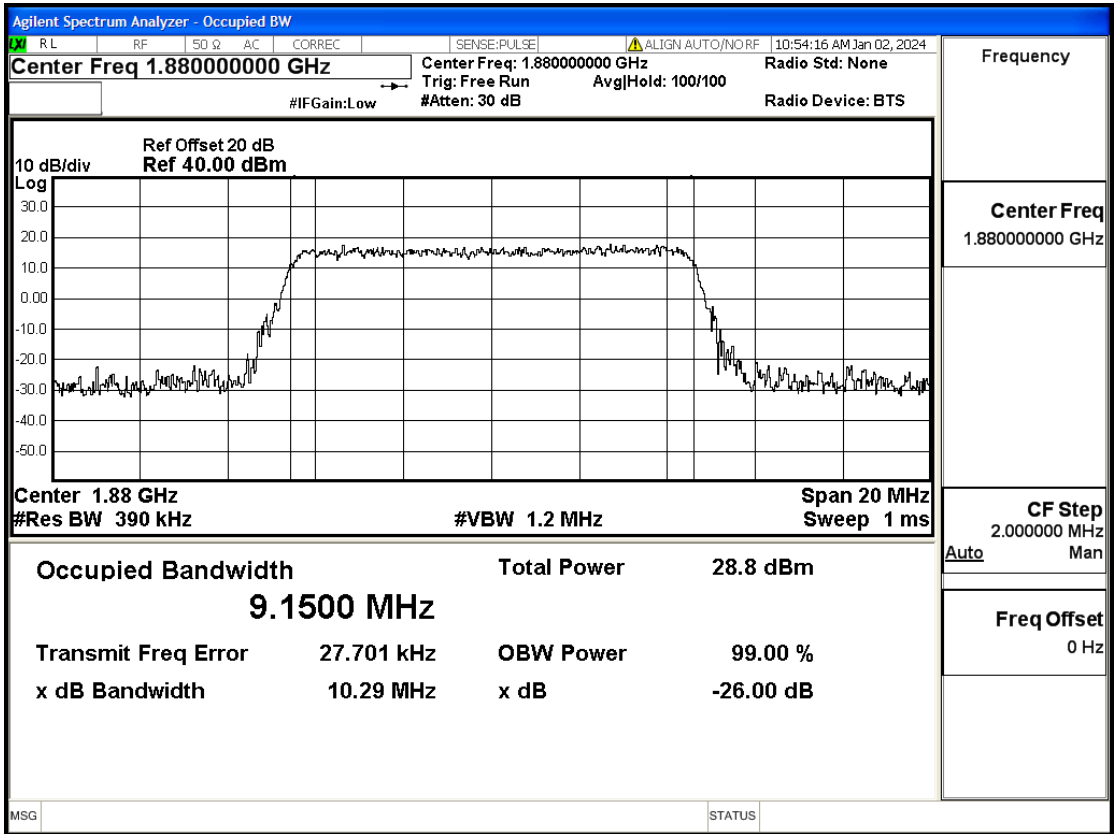
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



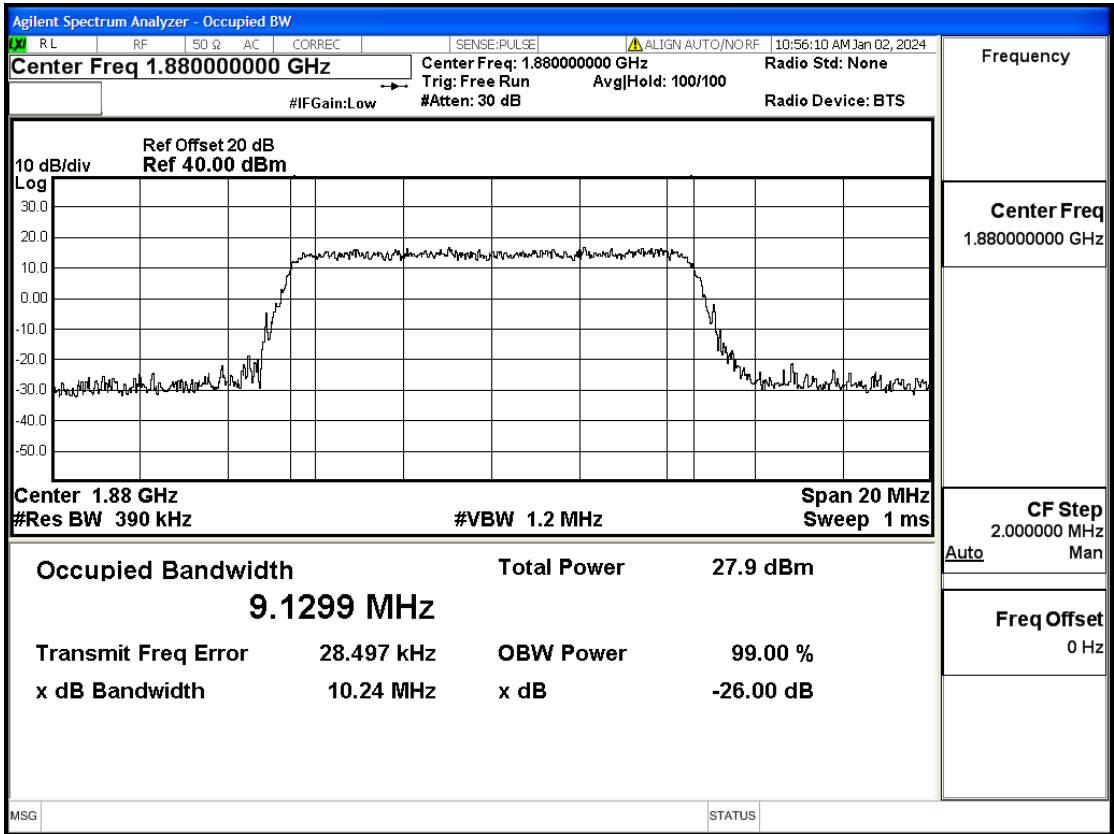
Band2-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



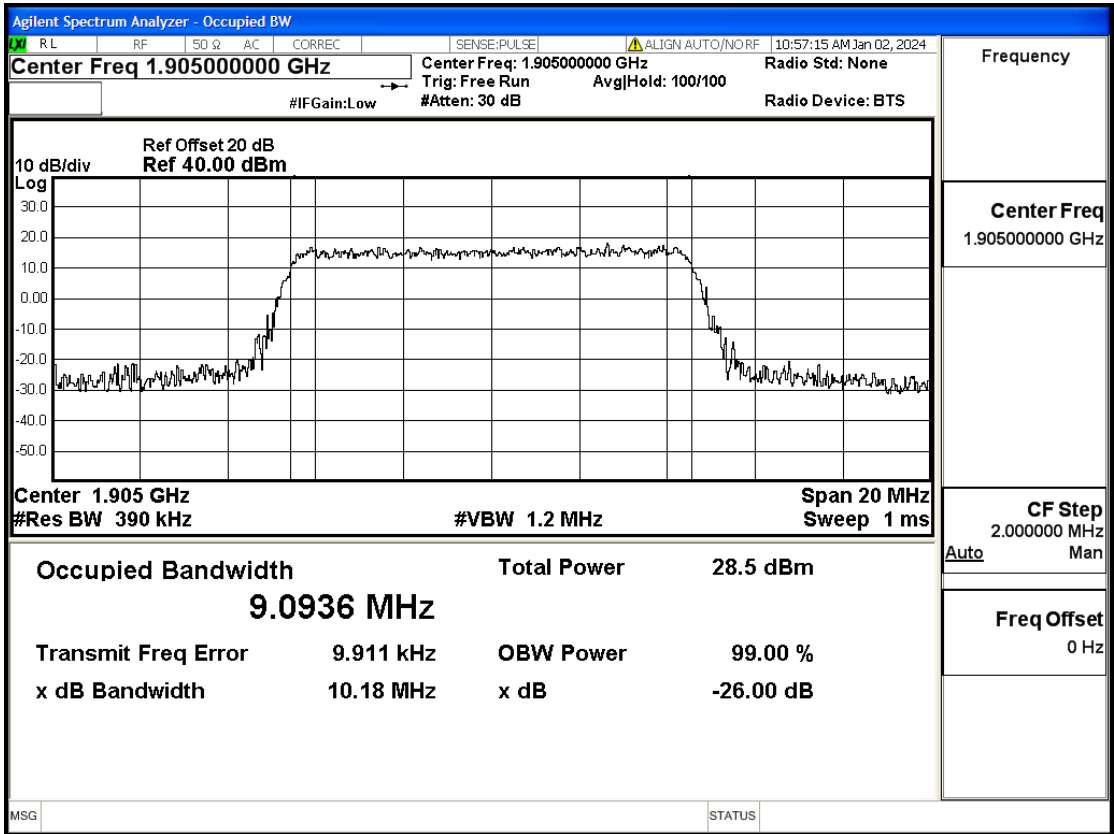
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



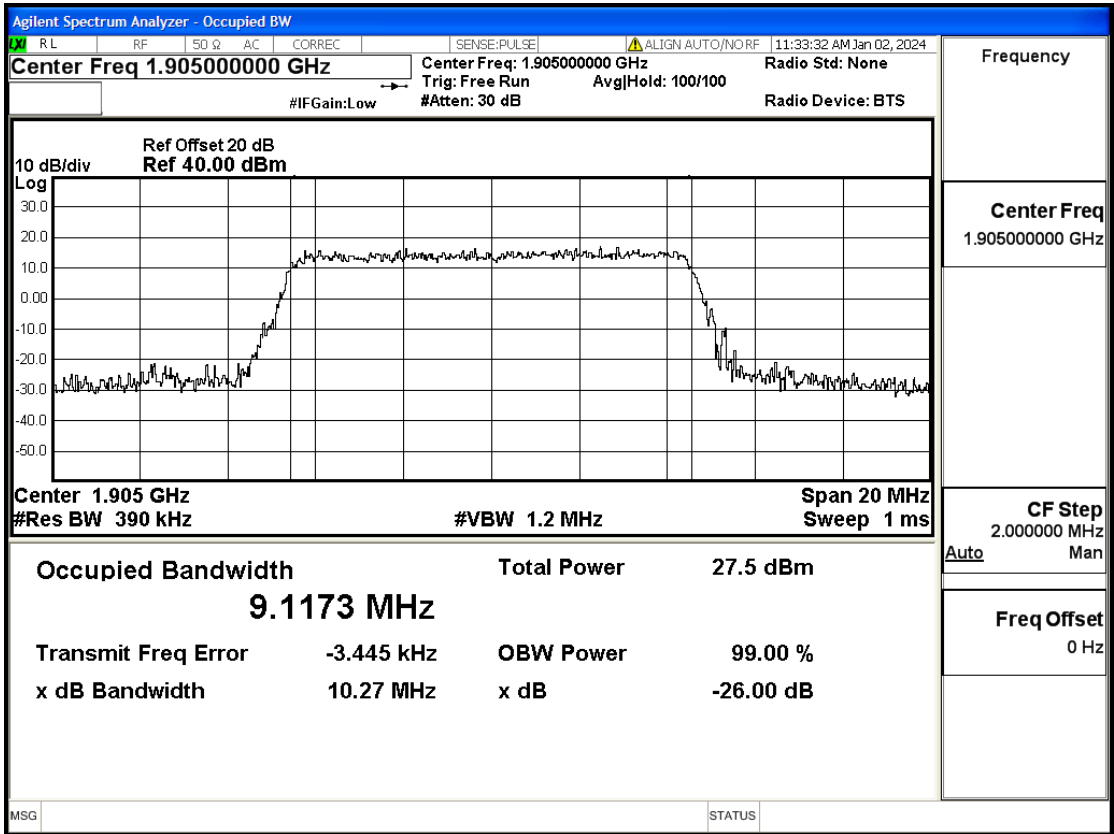
Band2-10-1880-16QAM-50#LOW@26dB and 99PCT Bandwidth



Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



Band2-10-1905-16QAM-50#LOW@26dB and 99PCT Bandwidth



Agilent Spectrum Analyzer - Occupied BW

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO/NORF 11:39:51 AM Jan 02, 2024

Center Freq 1.857500000 GHz Center Freq: 1.857500000 GHz Radio Std: None
Trig: Free Run Avg/Hold: 100/100
#IFGain: Low #Atten: 30 dB Radio Device: BTS

10 dB/div Ref Offset 20 dB
Log Ref 40.00 dBm

Center 1.858 GHz Span 30 MHz
#Res BW 620 kHz #VBW 1.8 MHz Sweep 1 ms

Occupied Bandwidth		Total Power	
13.666 MHz		29.2 dBm	

Transmit Freq Error		OBW Power	
20.041 kHz		99.00 %	
x dB Bandwidth		-26.00 dB	

MSG STATUS

Frequency

Center Freq
1.857500000 GHz

CF Stop
3.000000 MHz
Auto Mar

Freq Offset
0 Hz

Agilent Spectrum Analyzer - Occupied BW

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO/NO RF 11:45:17 AM Jan 02, 2024

Center Freq 1.857500000 GHz Center Freq: 1.857500000 GHz Radio Std: None
 Trig: Free Run Avg/Hold: 100/100
 #IFGain: Low #Atten: 30 dB Radio Device: BTS

Ref Offset 20 dB
 Ref 40.00 dBm

10 dB/div
 Log

Center 1.858 GHz Span 30 MHz
 #Res BW 620 kHz #VBW 1.8 MHz Sweep 1 ms

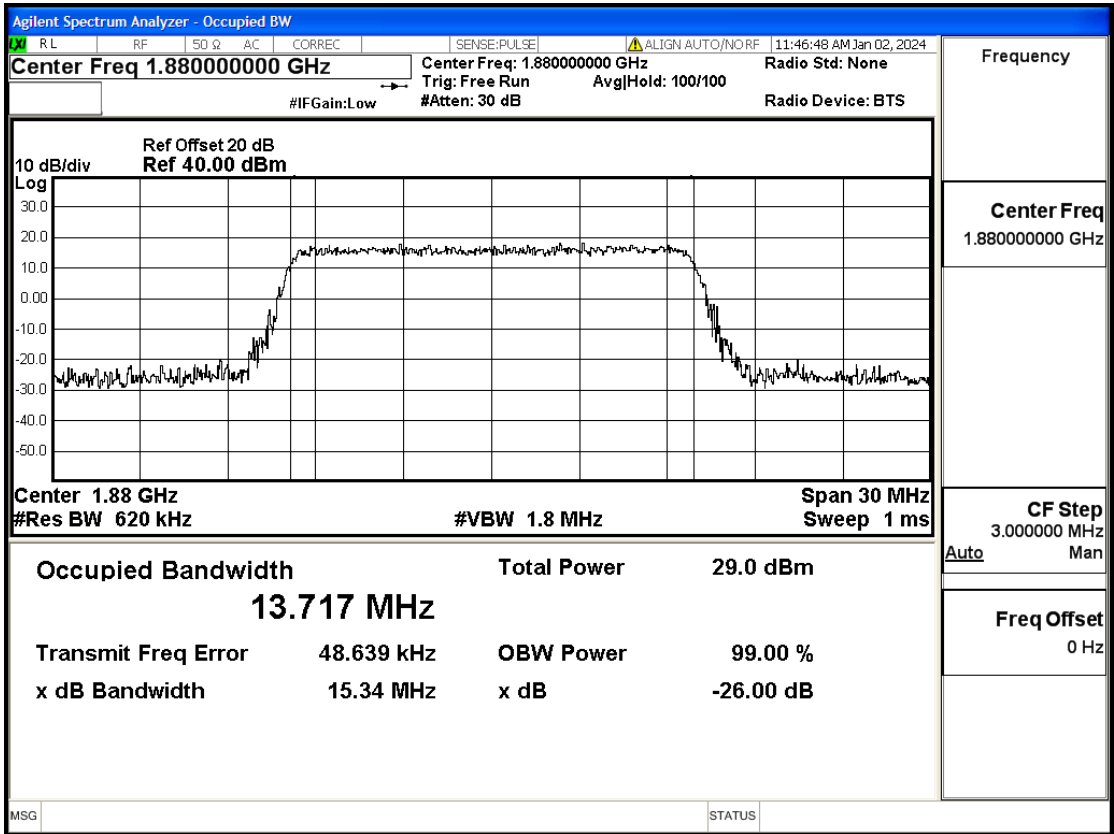
Occupied Bandwidth	Total Power	28.3 dBm
13.723 MHz		
Transmit Freq Error	60.792 kHz	OBW Power
x dB Bandwidth	15.44 MHz	x dB
		99.00 %
		-26.00 dB

CF Step 3.000000 MHz
 Auto Mar

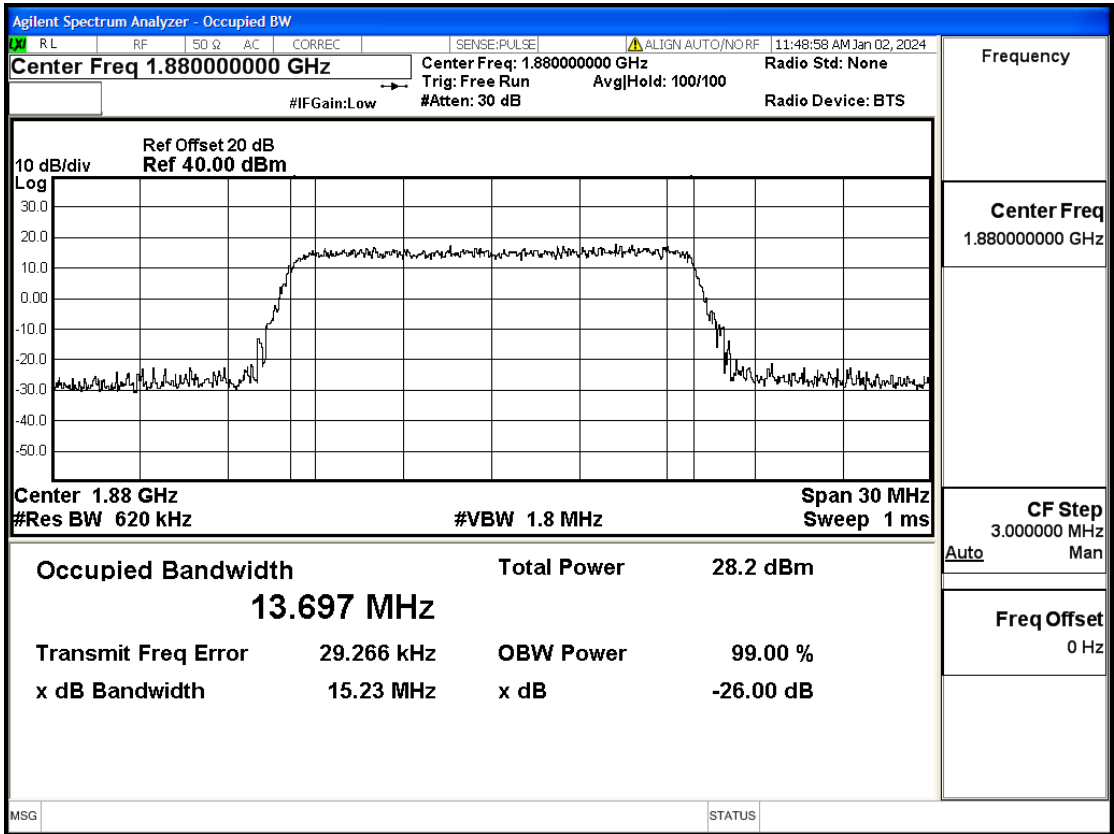
Freq Offset 0 Hz

MSG STATUS

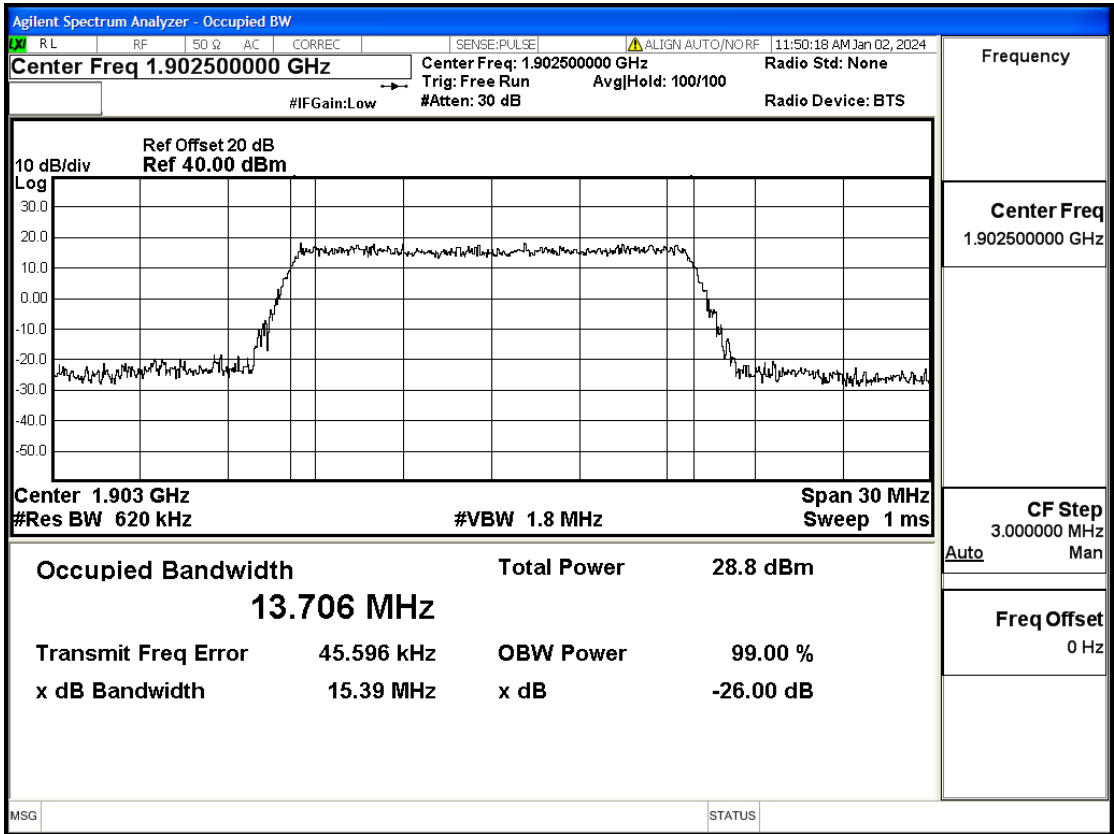
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



Band2-15-1880-16QAM-75#LOW@26dB and 99PCT Bandwidth



Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



Band2-15-1902.5-16QAM-75#LOW@26dB and 99PCT Bandwidth

