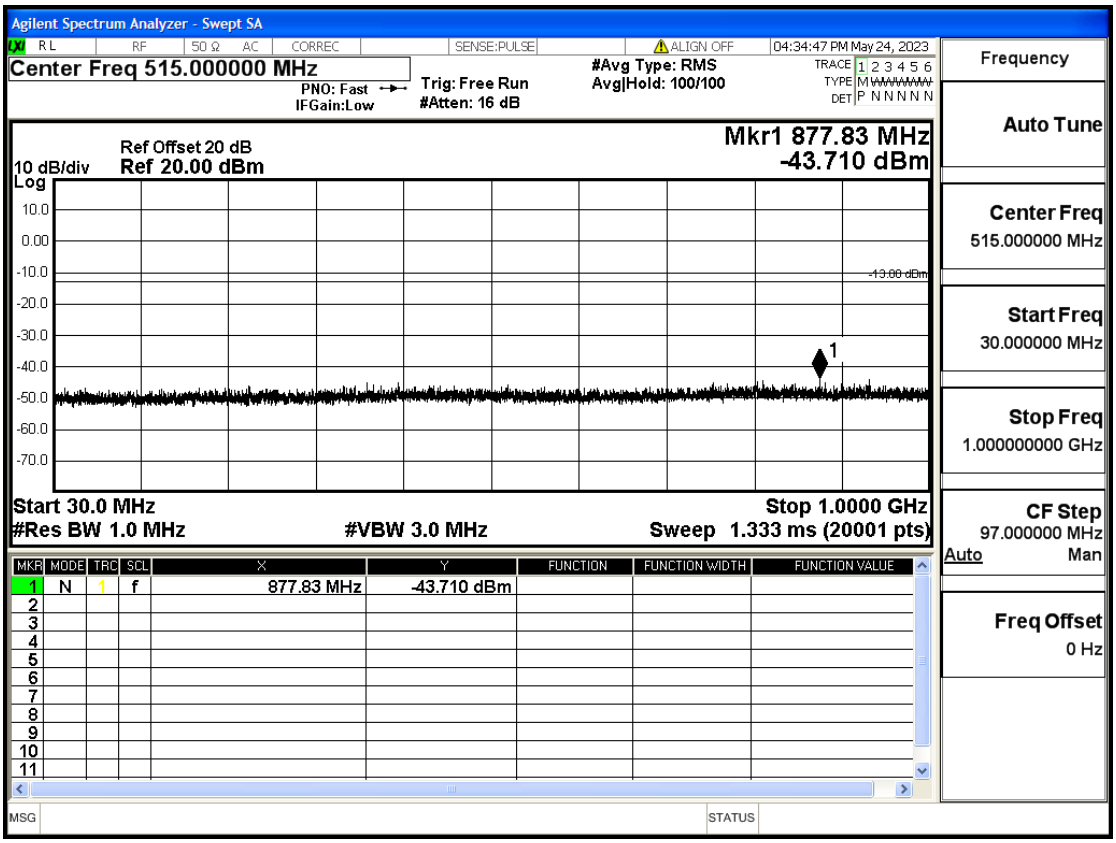
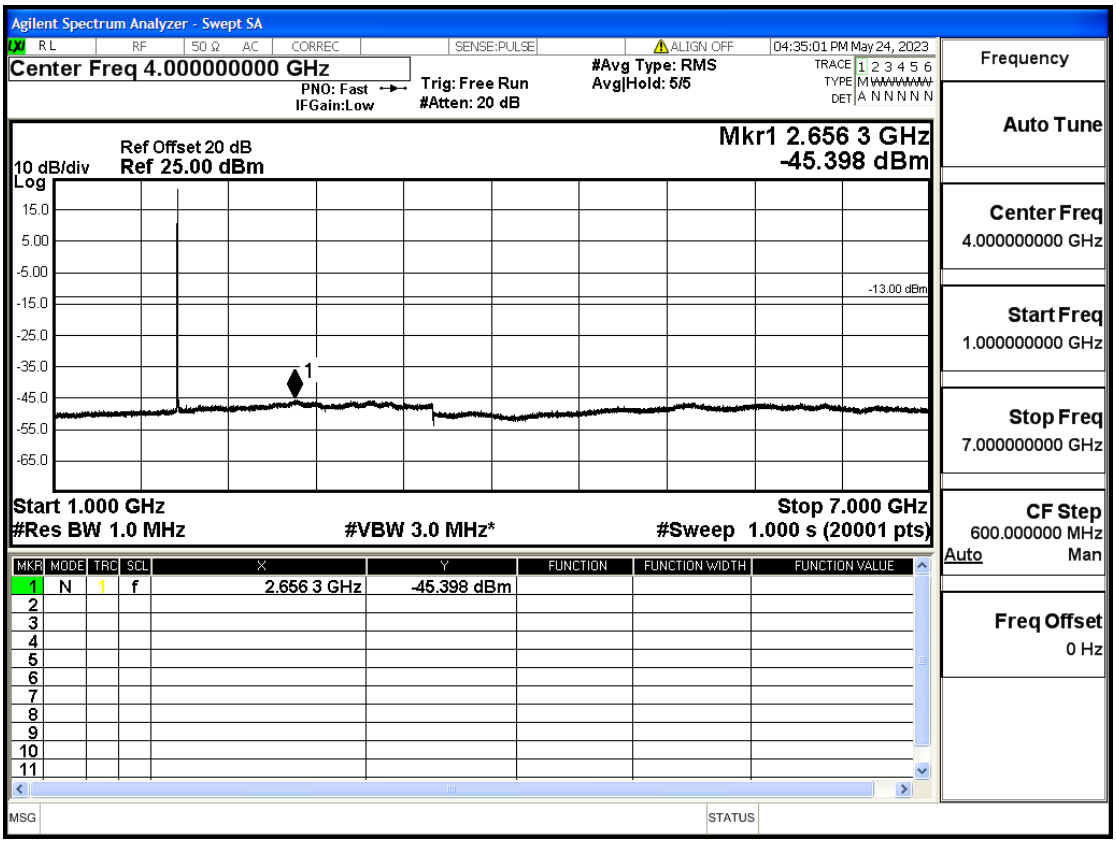
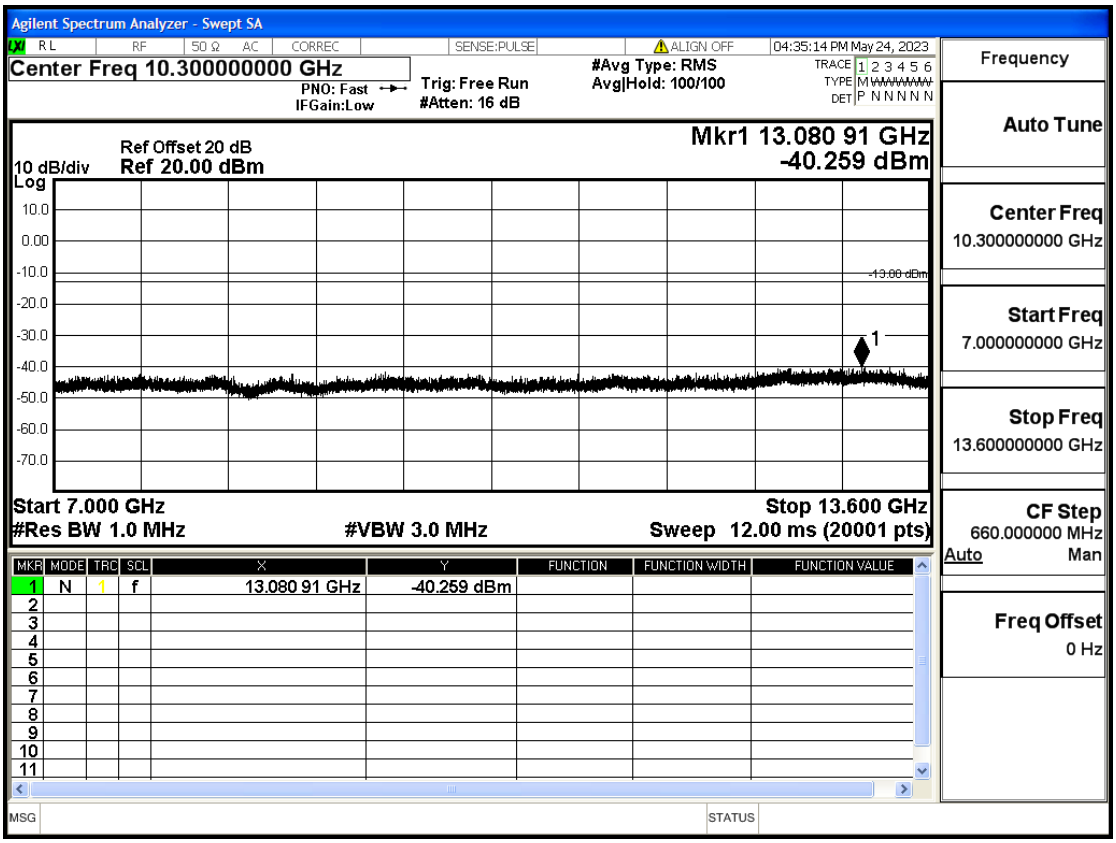
OB2-1.4-1850.7-Q16-6#LOW@30mHz-1GHz@Pass



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



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



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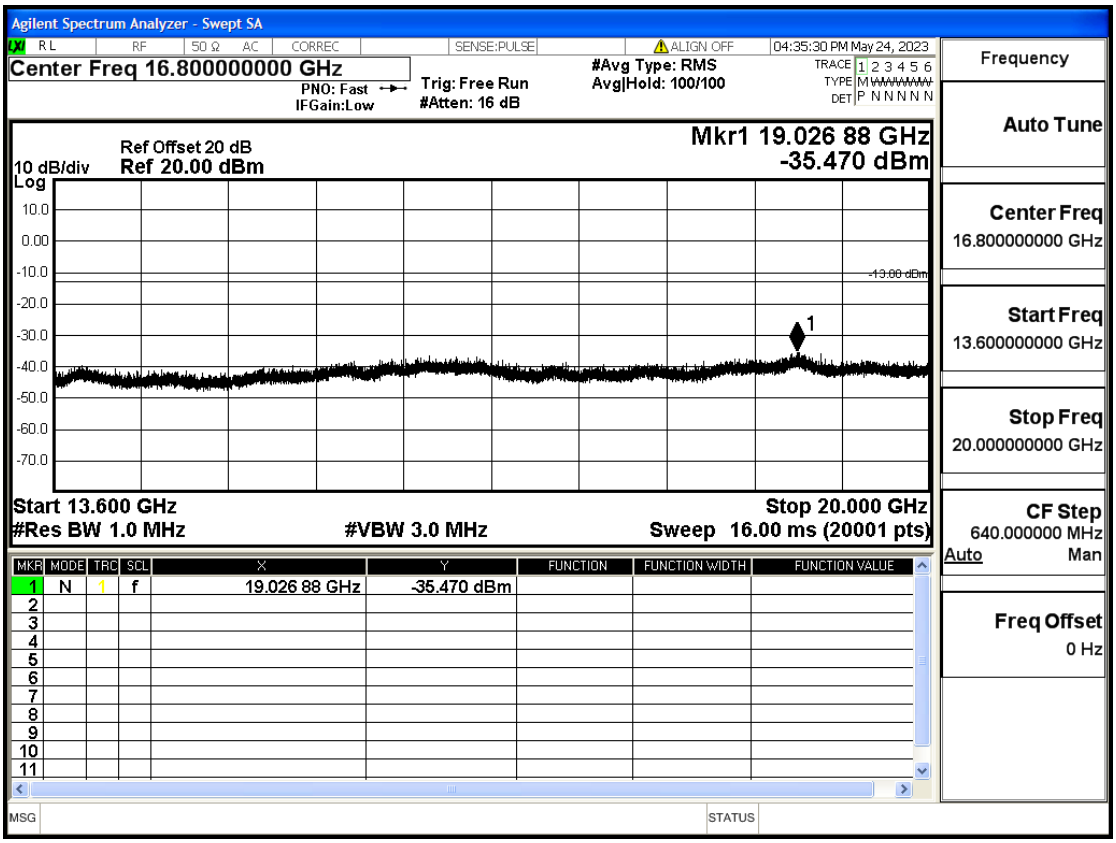
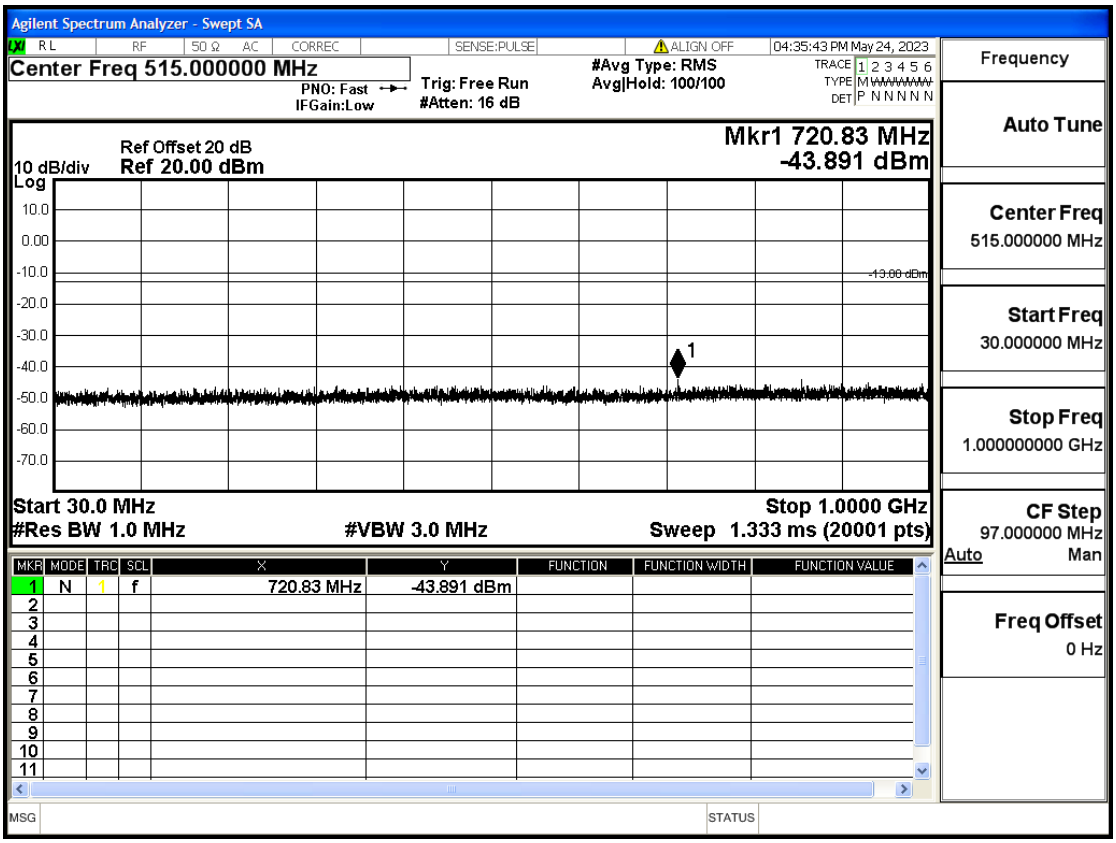


OB2-1.4-1880-Q16-6#LOW@30mHz-1GHz@Pass



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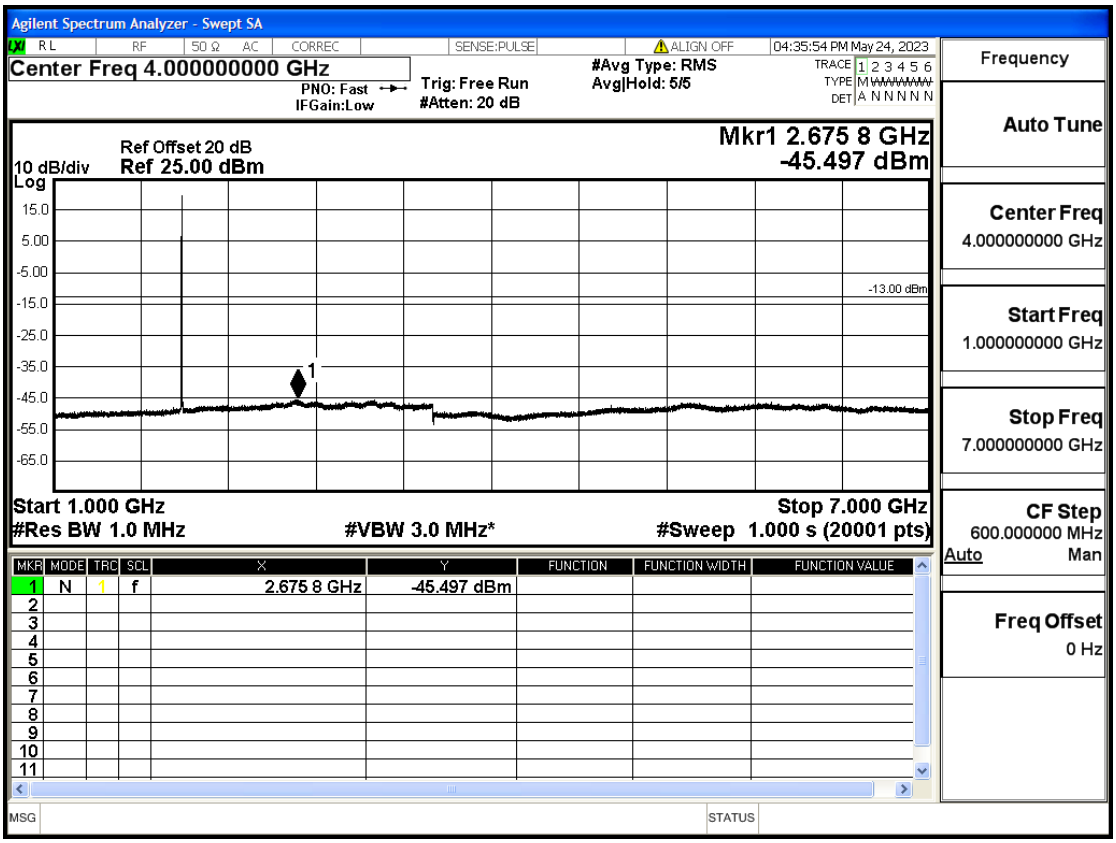
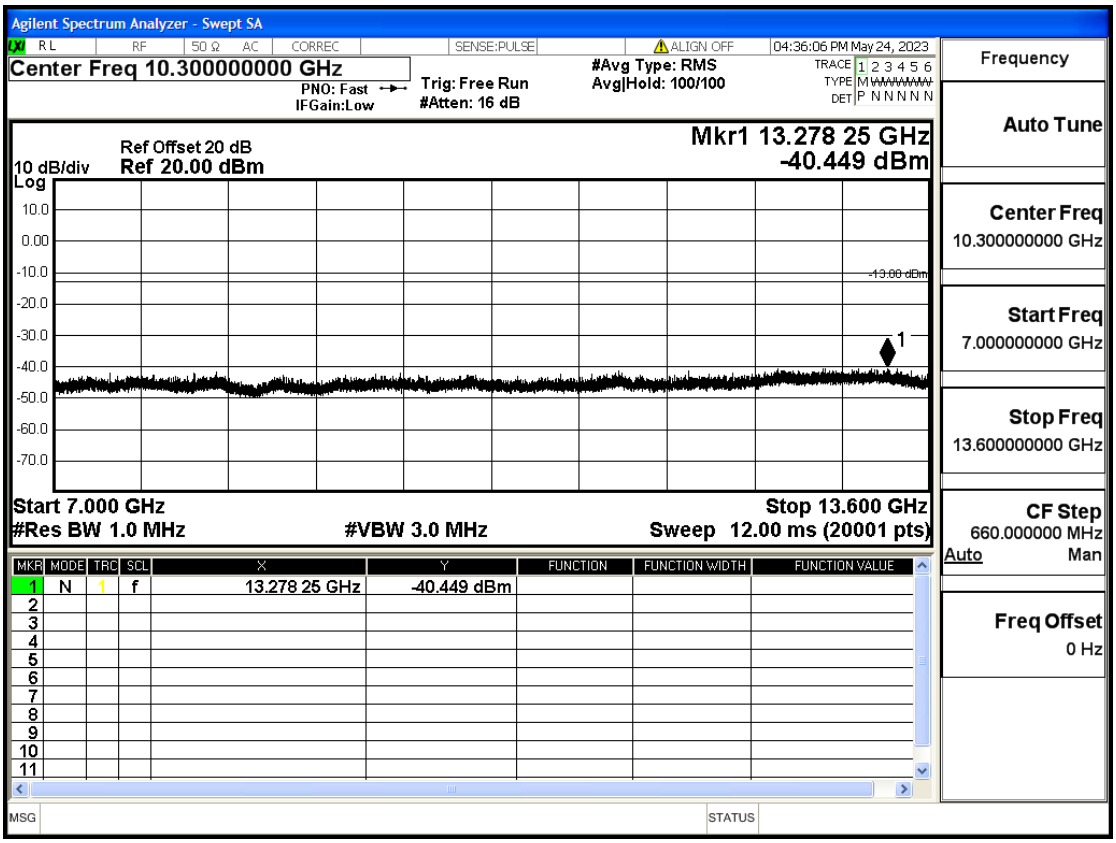


OB2-1.4-1880-Q16-6#LOW@7GHz-13.6GHz@Pass



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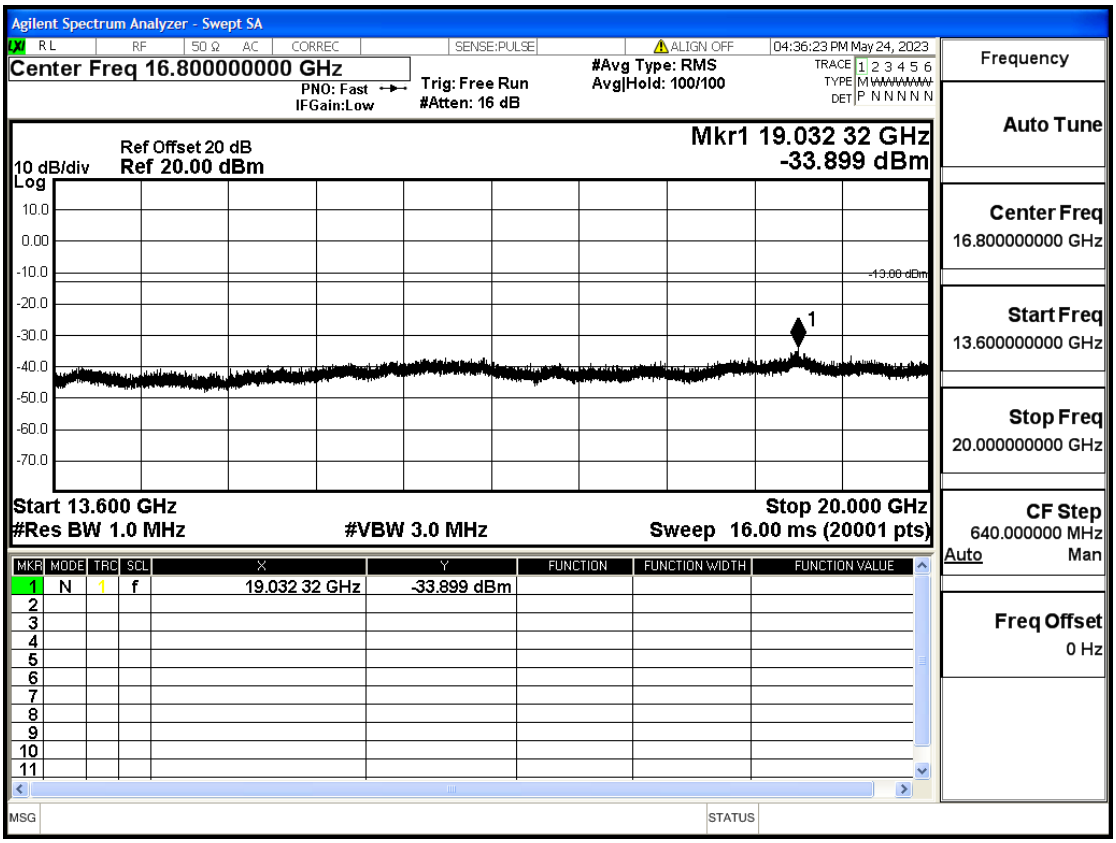

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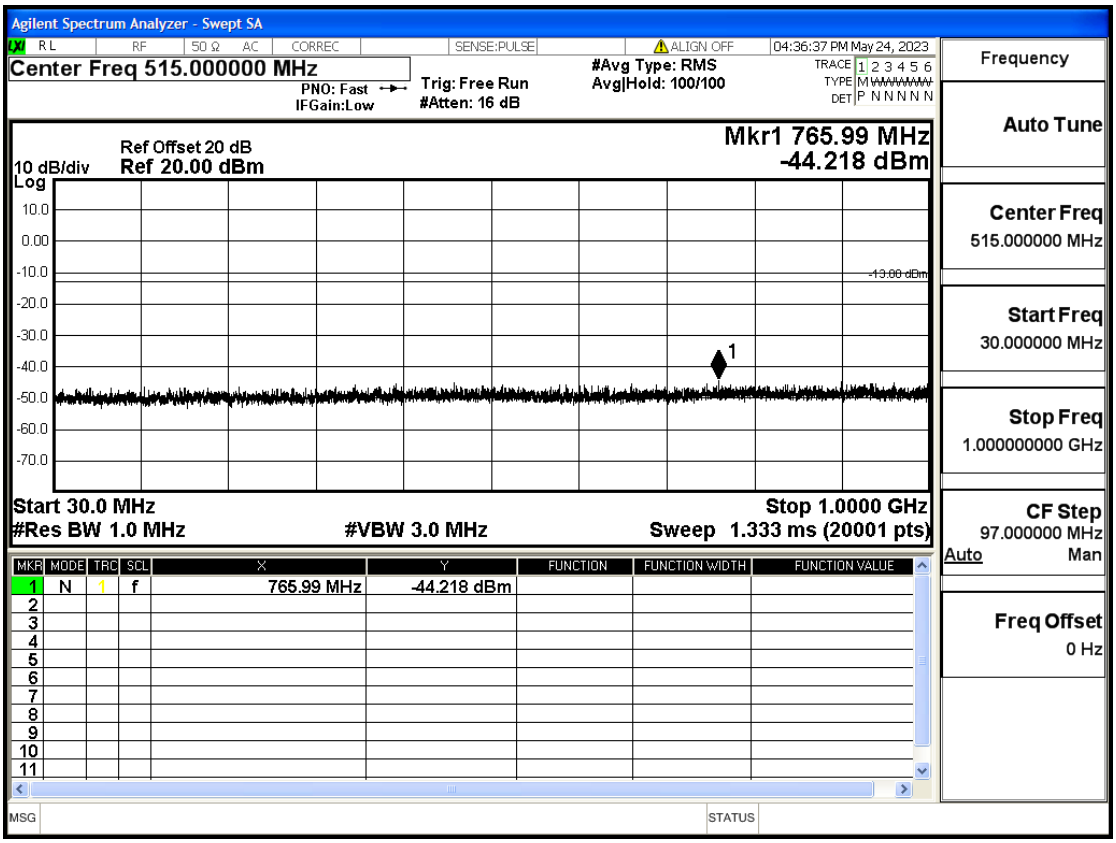
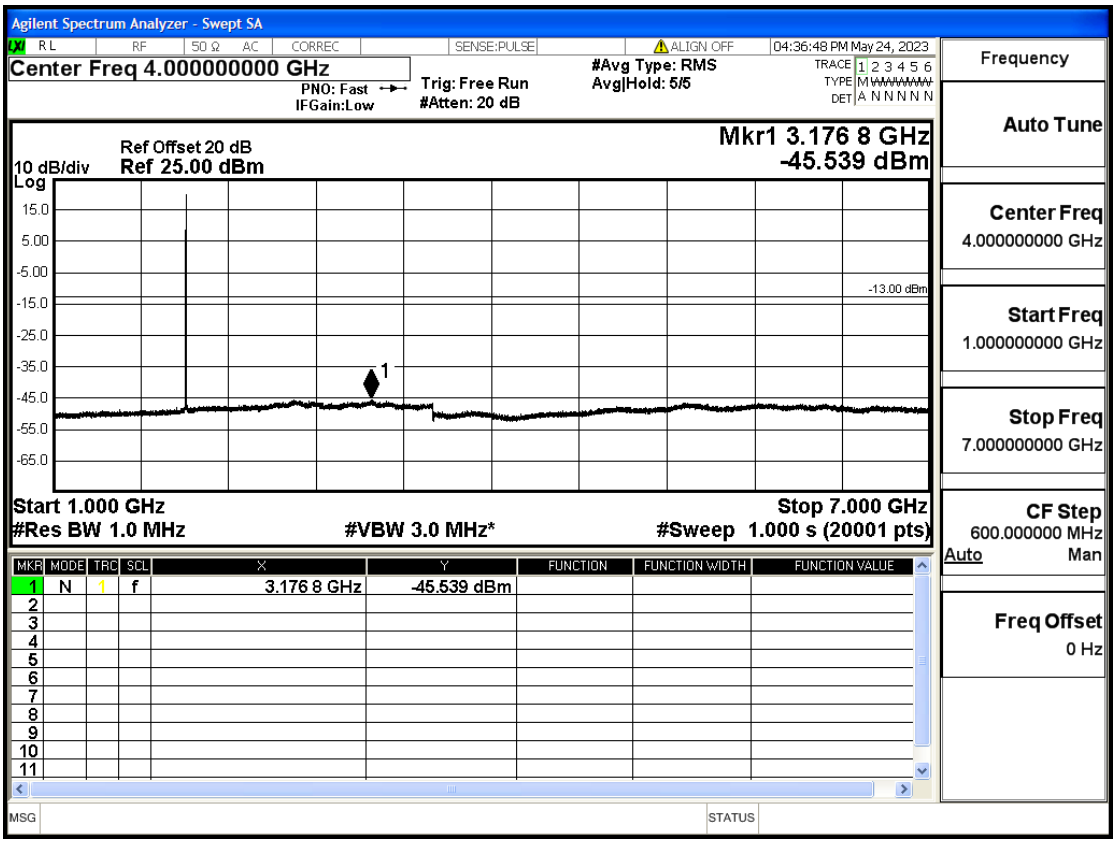
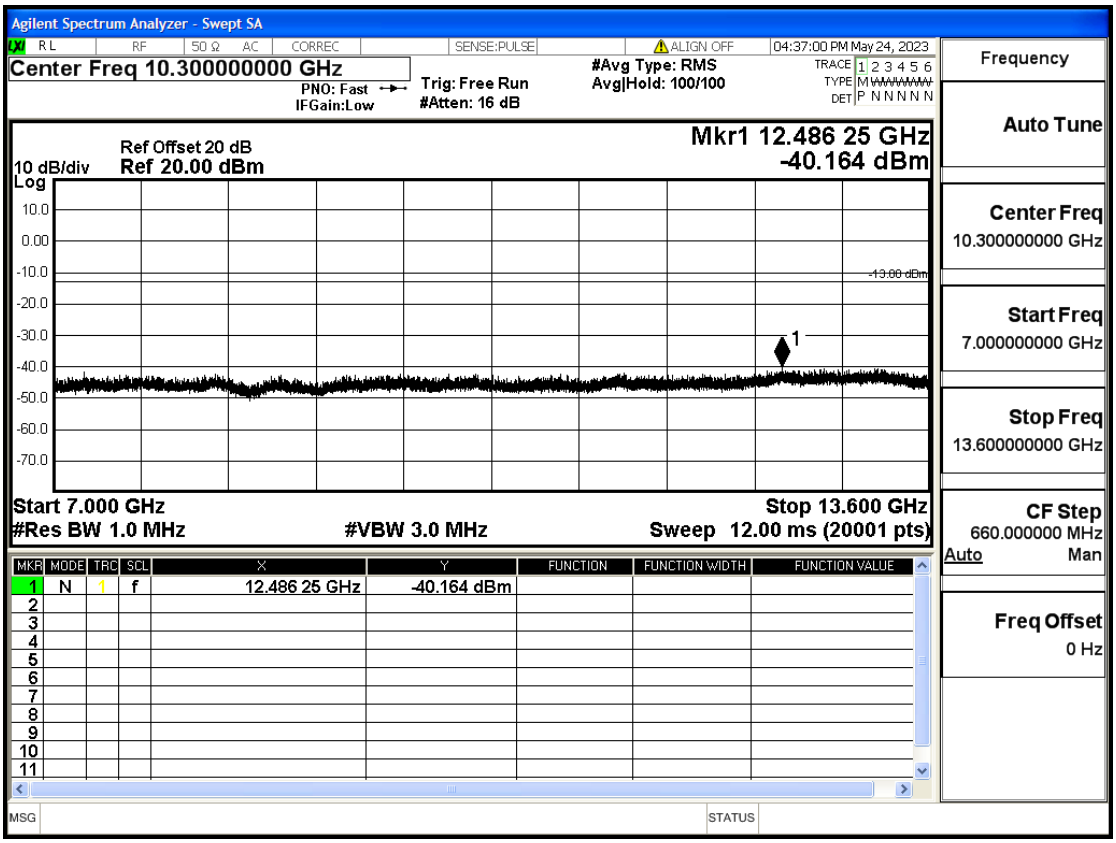


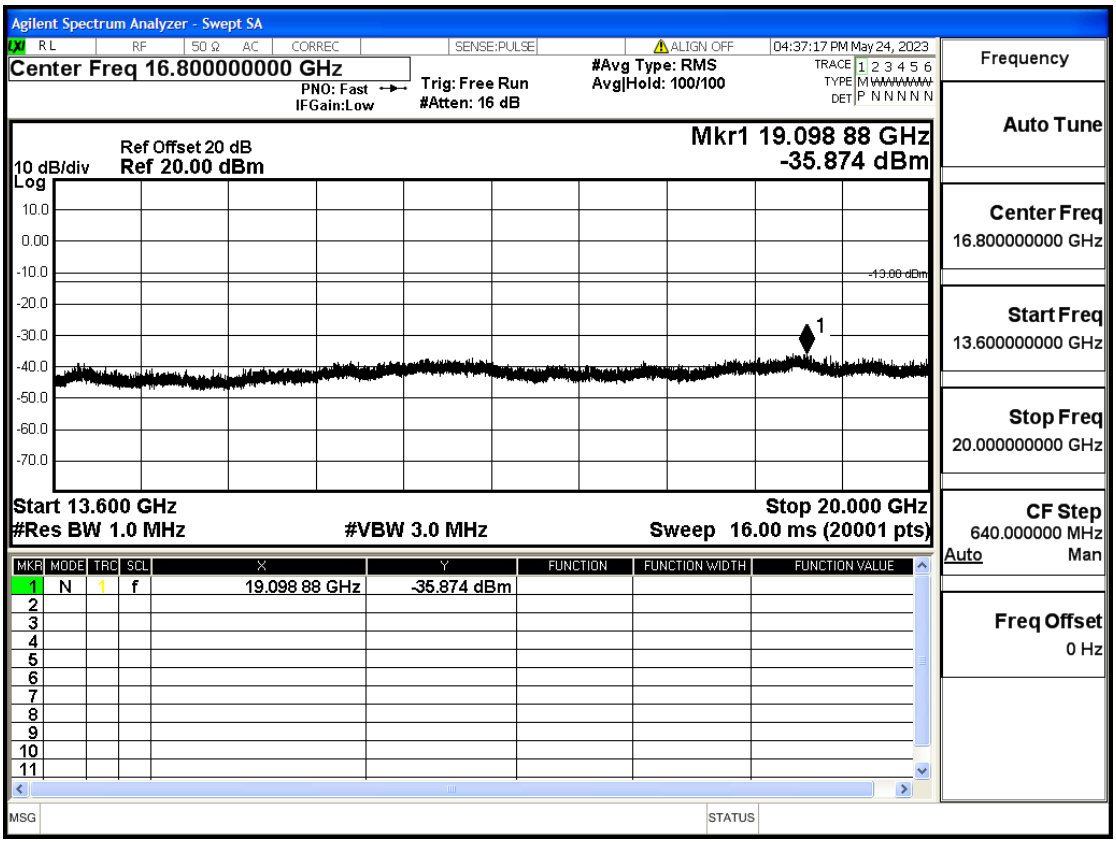
OB2-1.4-1909.3-Q16-6#LOW@1GHz-7GHz@Pass



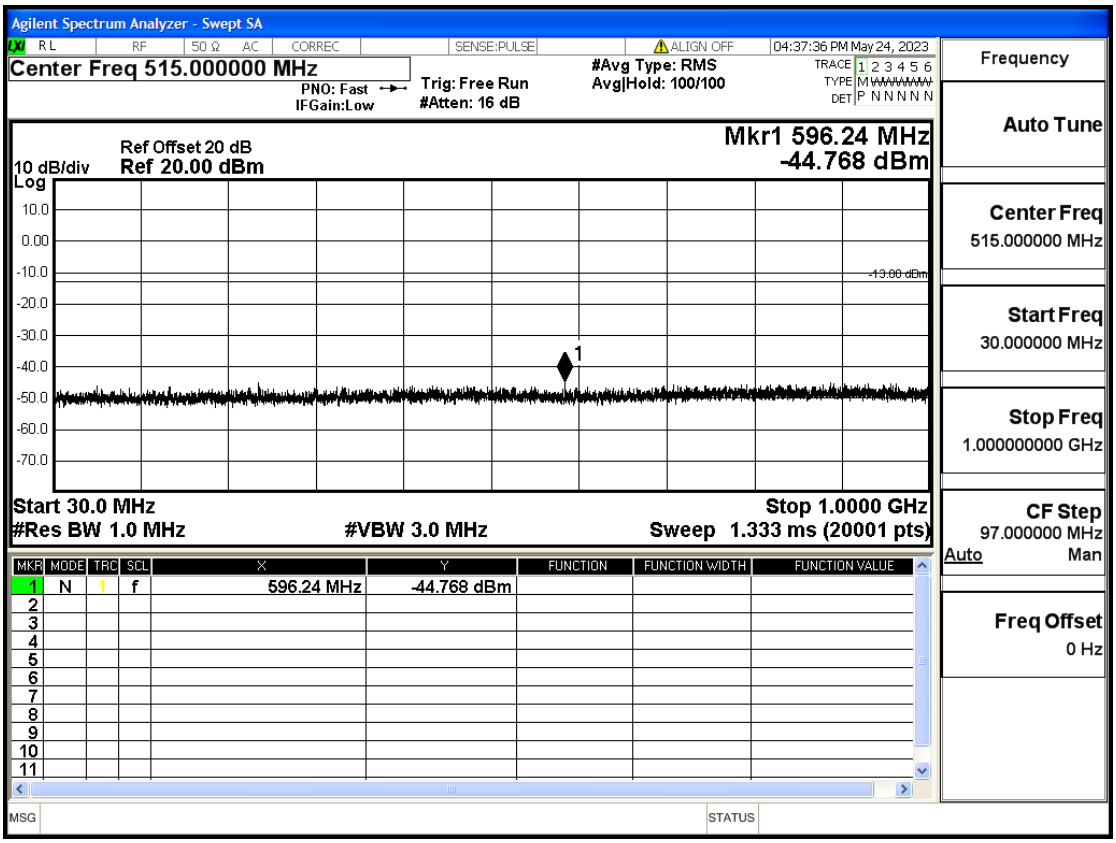
OB2-1.4-1909.3-Q16-6#LOW@7GHz-13.6GHz@Pass



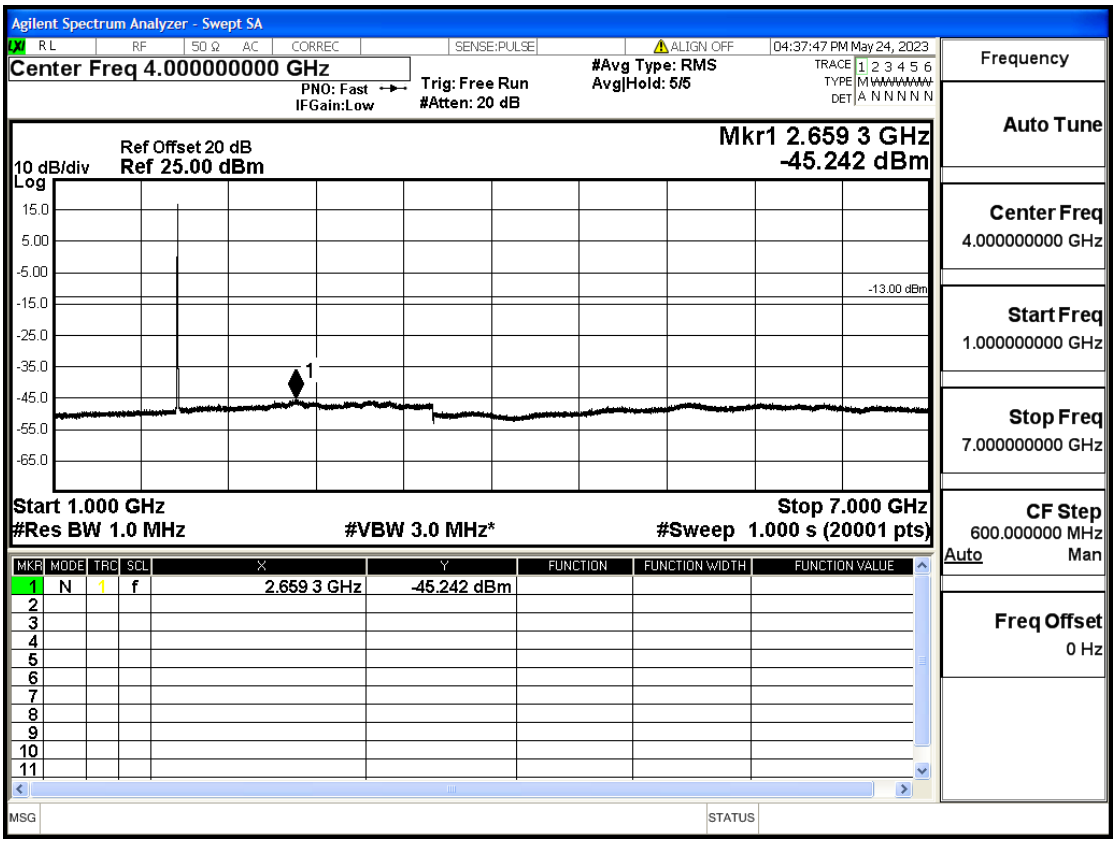
OB2-1.4-1909.3-Q16-6#LOW@13.6GHz-20GHz@Pass



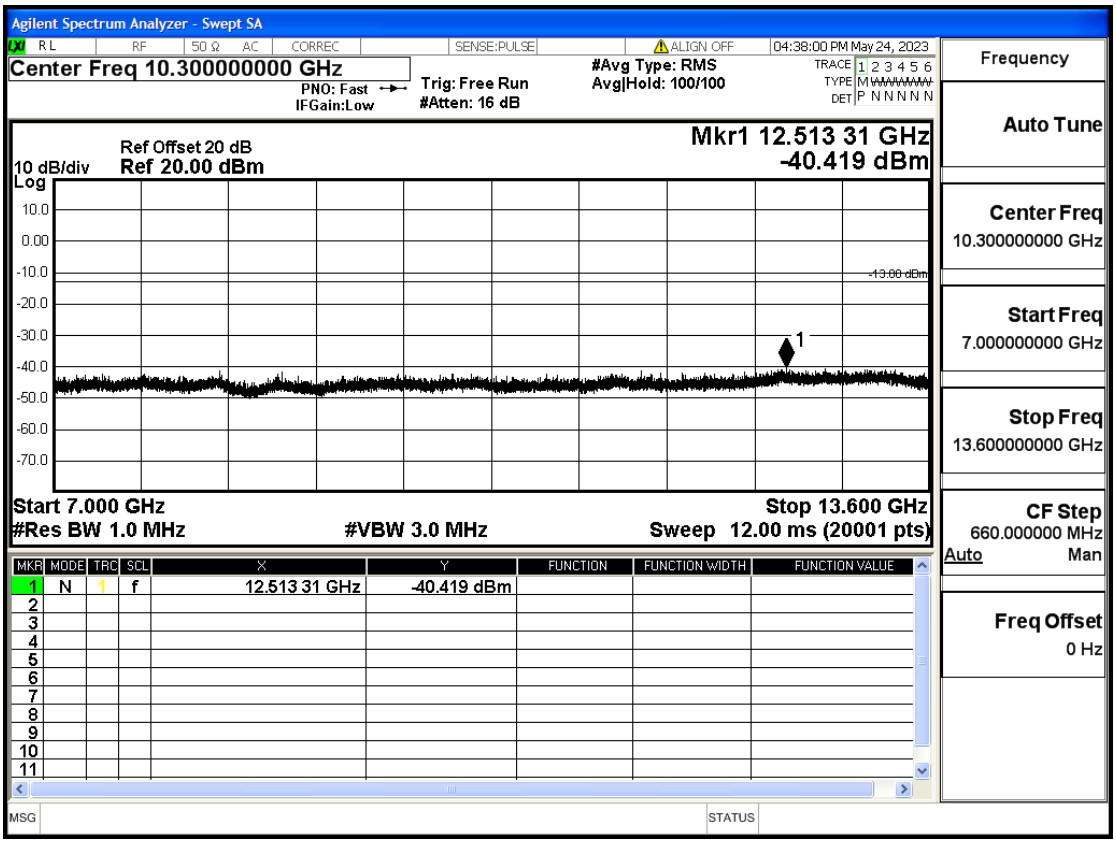
OB2-3-1851.5-Q16-15#LOW@30mHz-1GHz@Pass



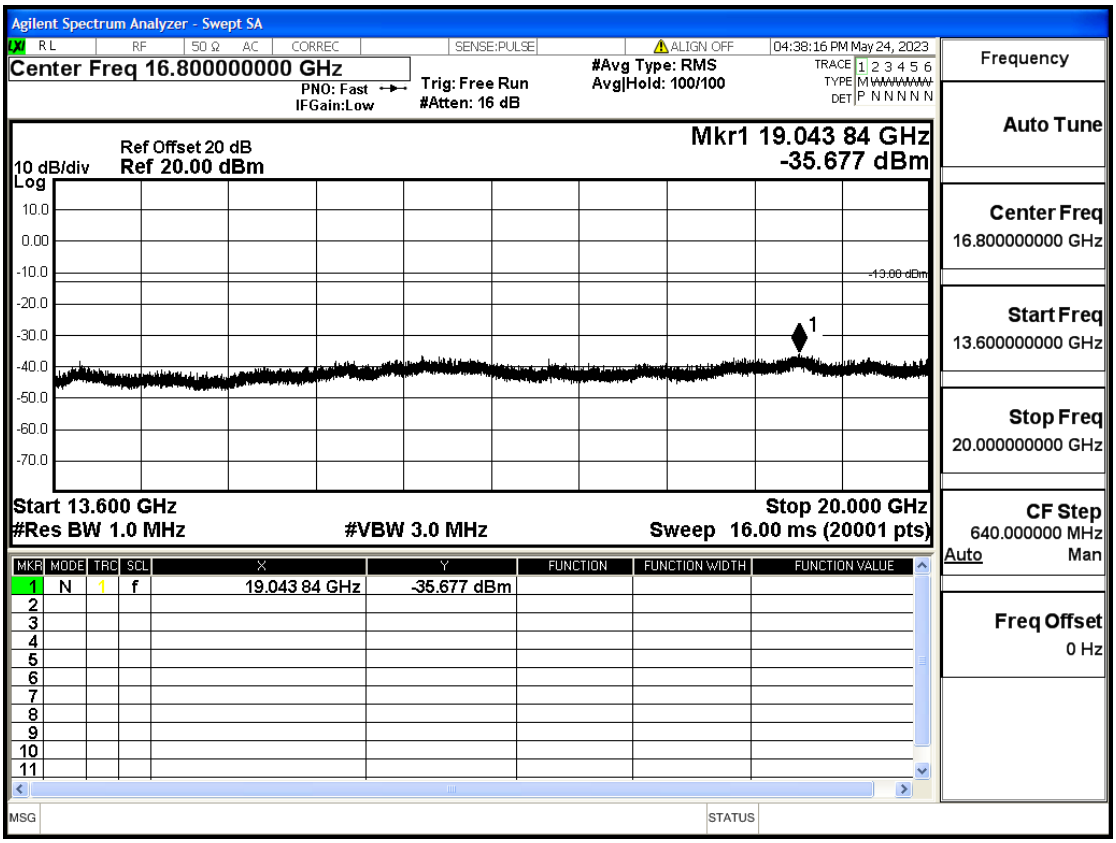
OB2-3-1851.5-Q16-15#LOW@1GHz-7GHz@Pass



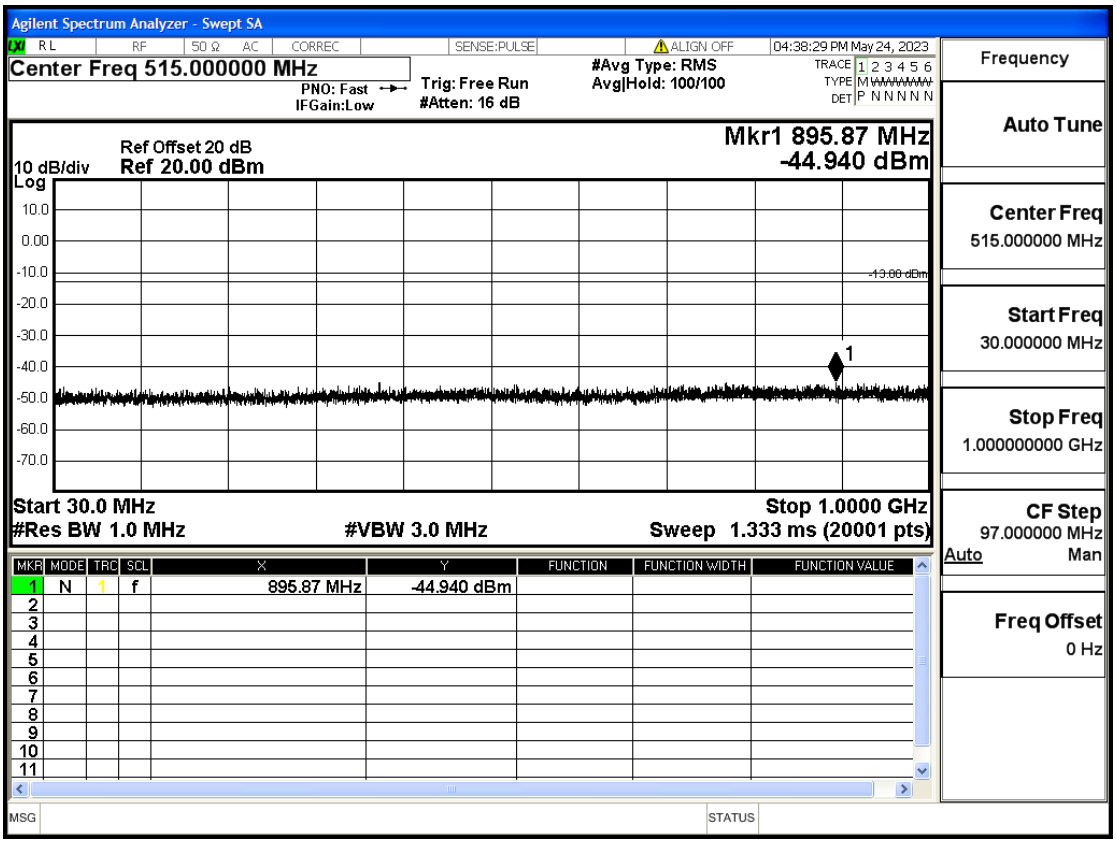
OB2-3-1851.5-Q16-15#LOW@7GHz-13.6GHz@Pass



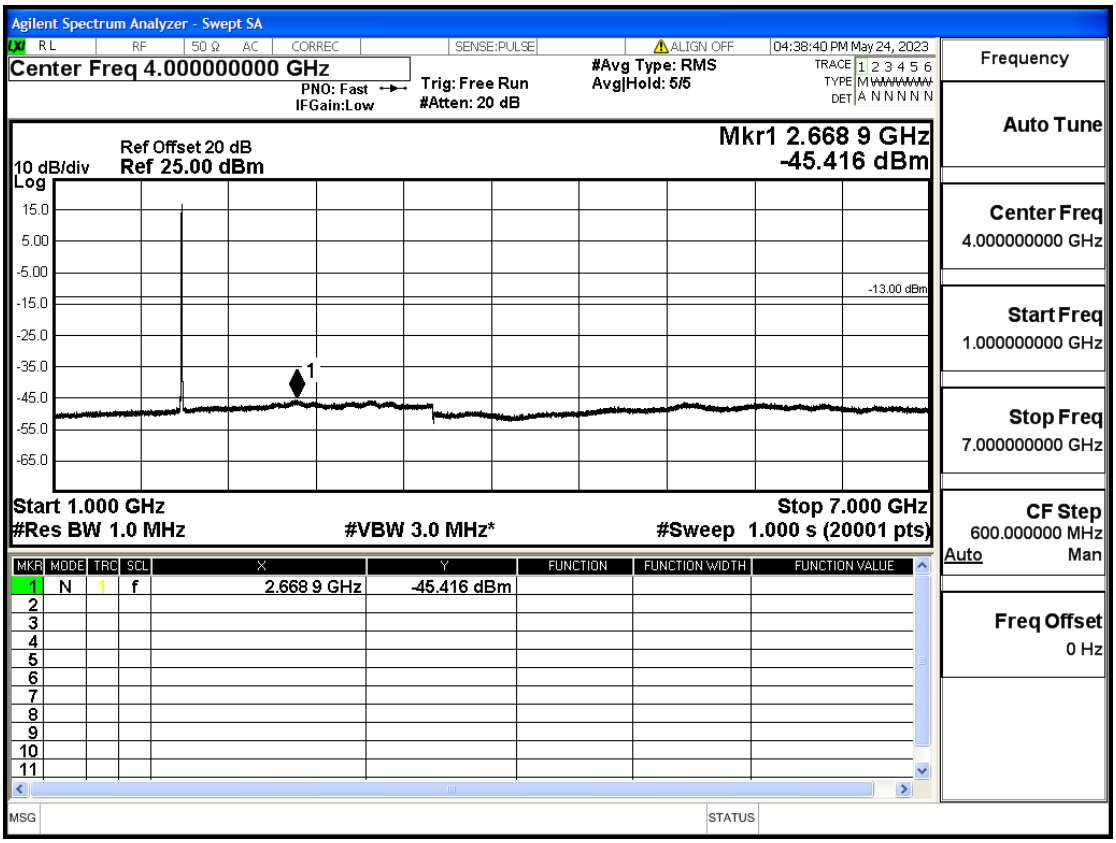
OB2-3-1851.5-Q16-15#LOW@13.6GHz-20GHz@Pass



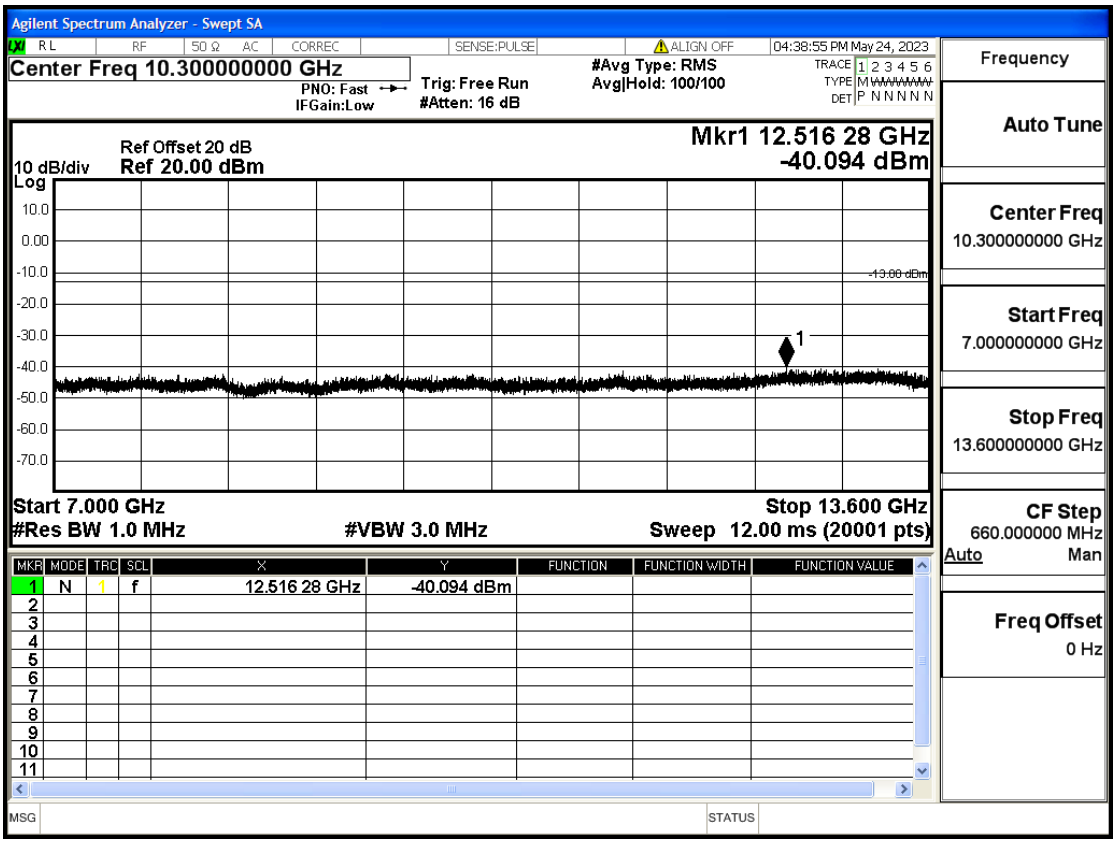
OB2-3-1880-Q16-15#LOW@30mHz-1GHz@Pass



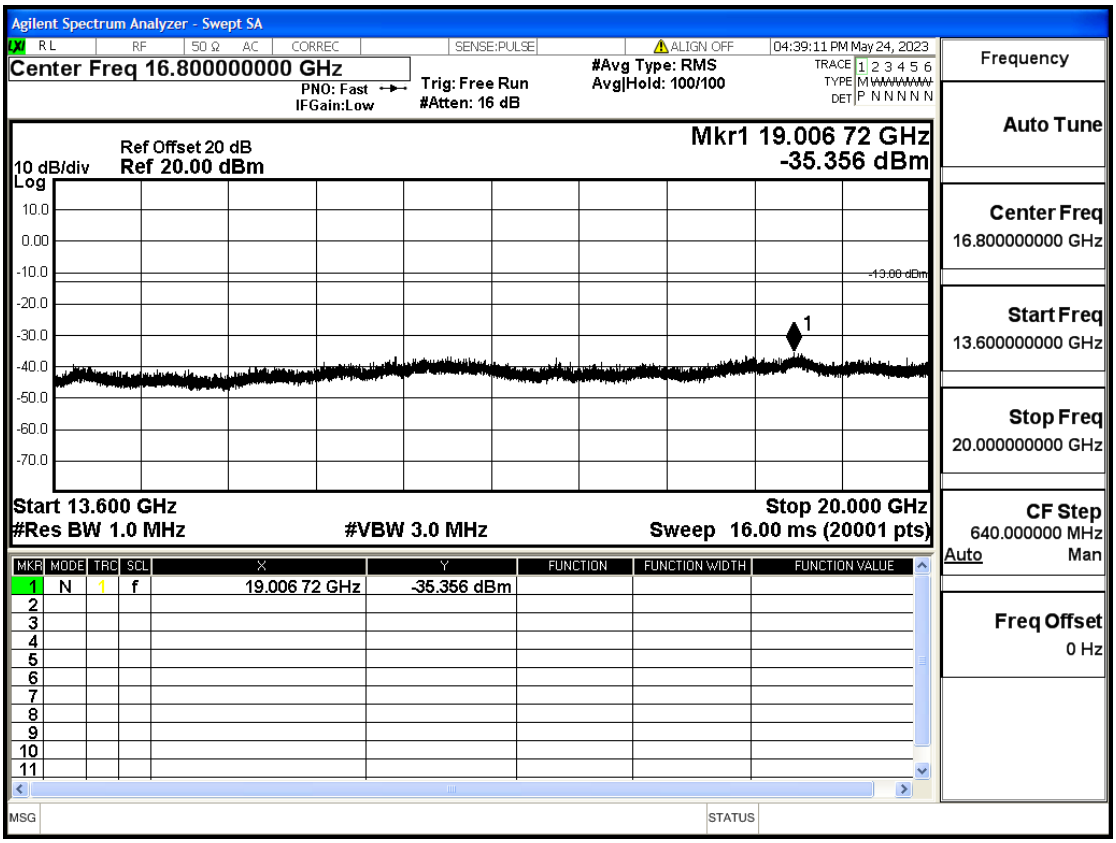
OB2-3-1880-Q16-15#LOW@1GHz-7GHz@Pass



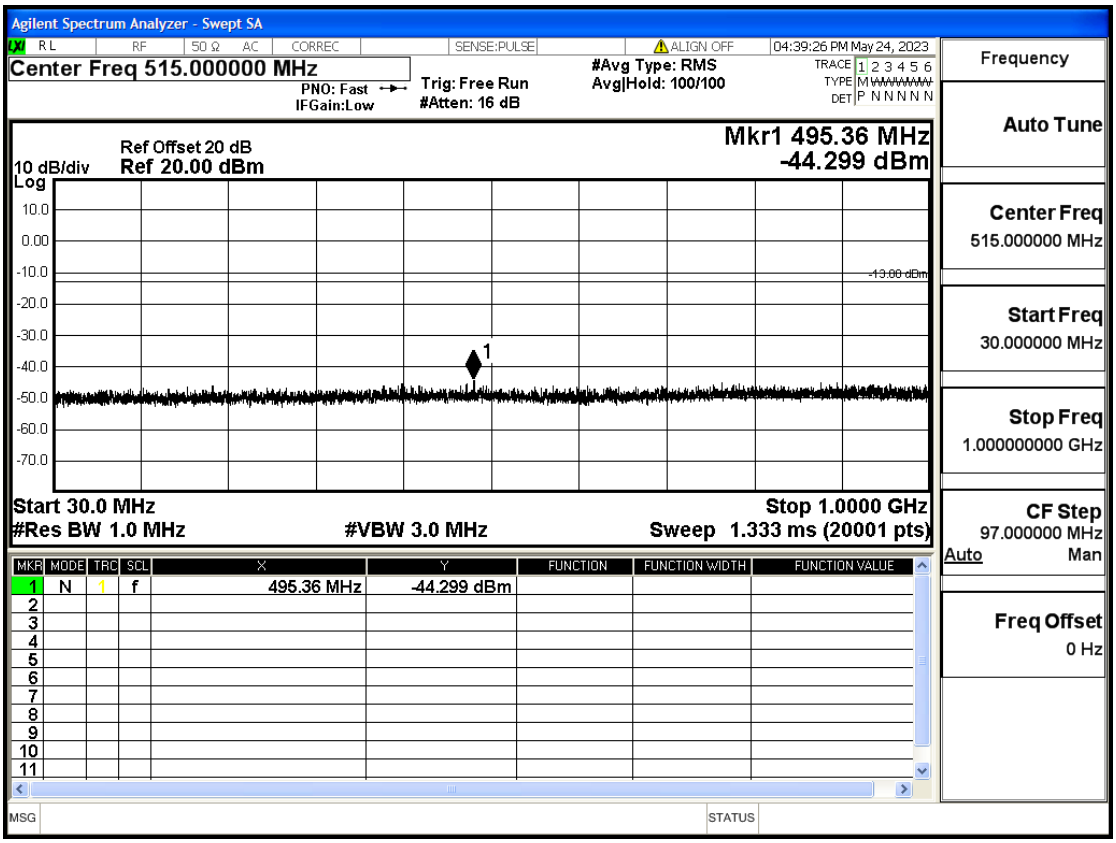
OB2-3-1880-Q16-15#LOW@7GHz-13.6GHz@Pass



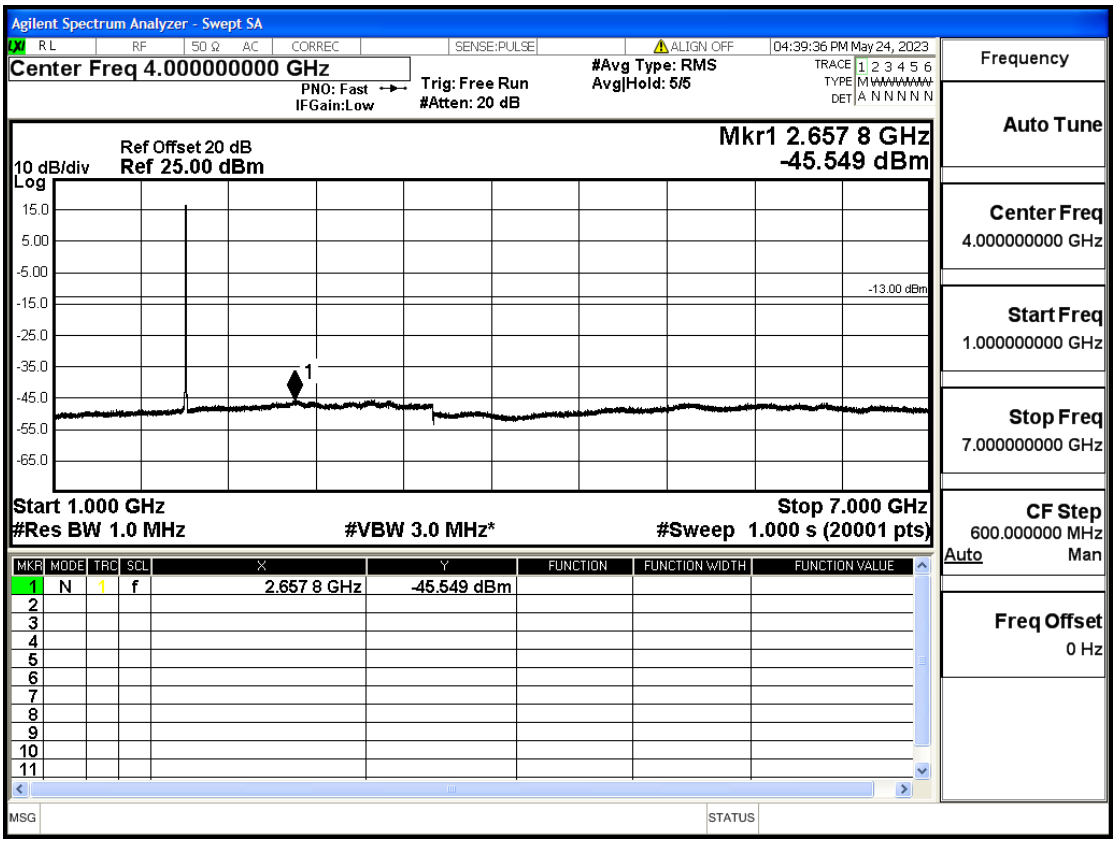
OB2-3-1880-Q16-15#LOW@13.6GHz-20GHz@Pass



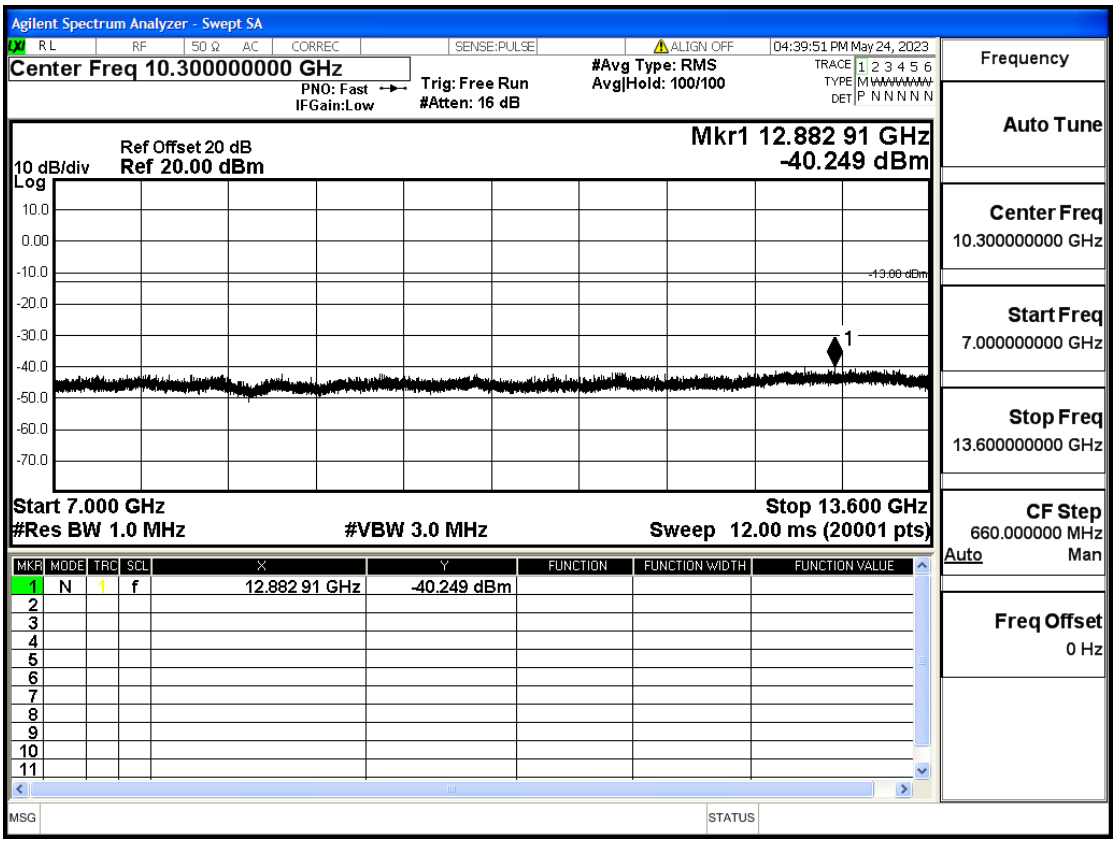
OB2-3-1908.5-Q16-15#LOW@30mHz-1GHz@Pass



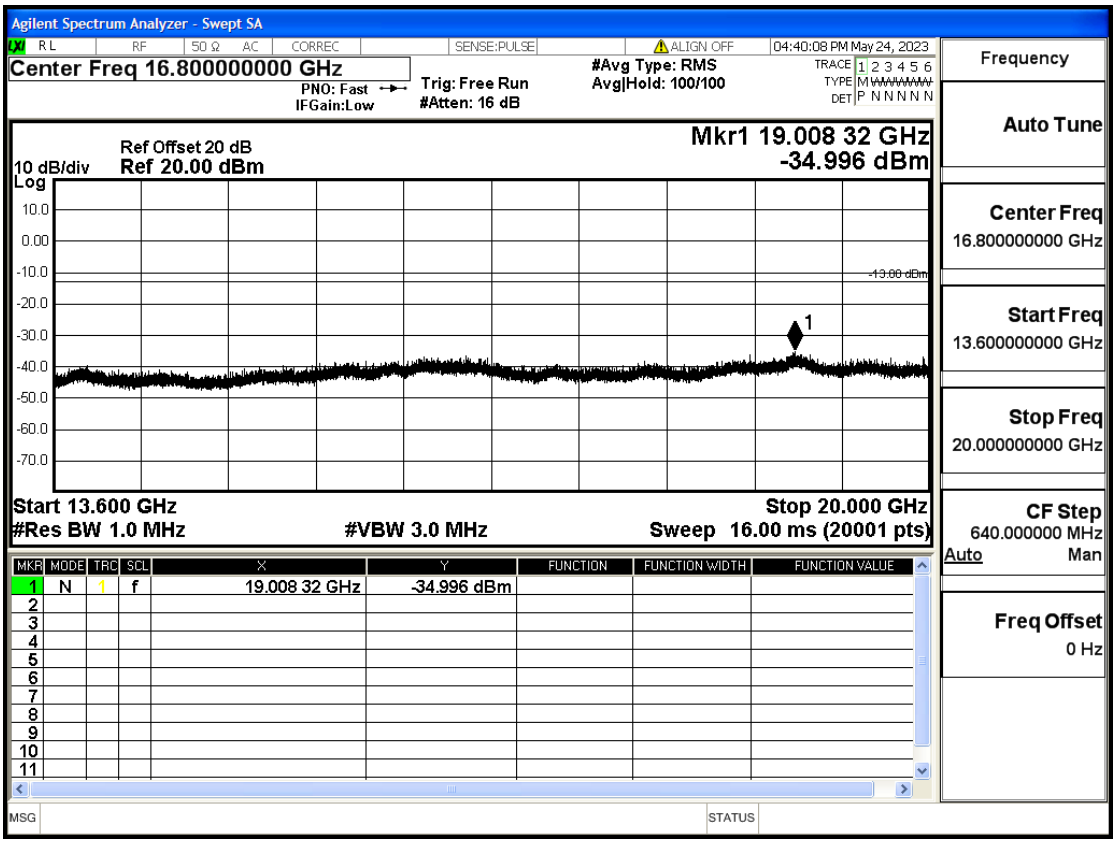
OB2-3-1908.5-Q16-15#LOW@1GHz-7GHz@Pass



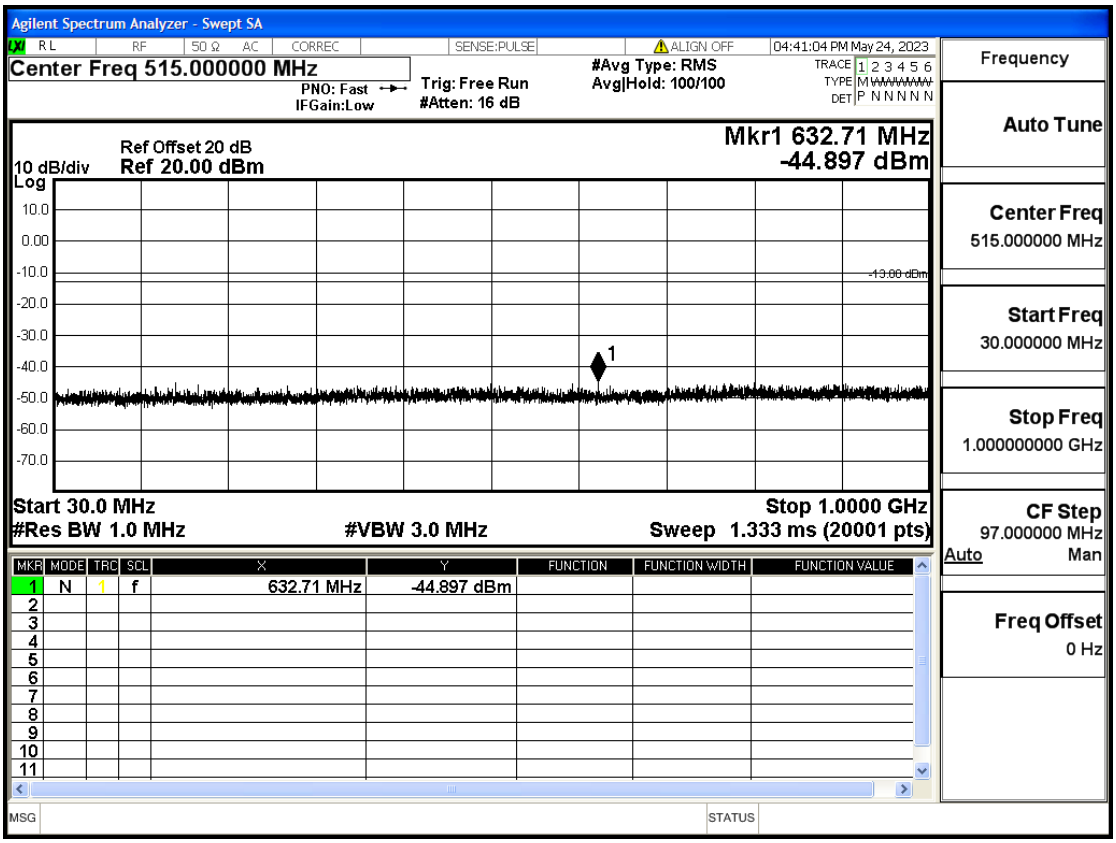
OB2-3-1908.5-Q16-15#LOW@7GHz-13.6GHz@Pass



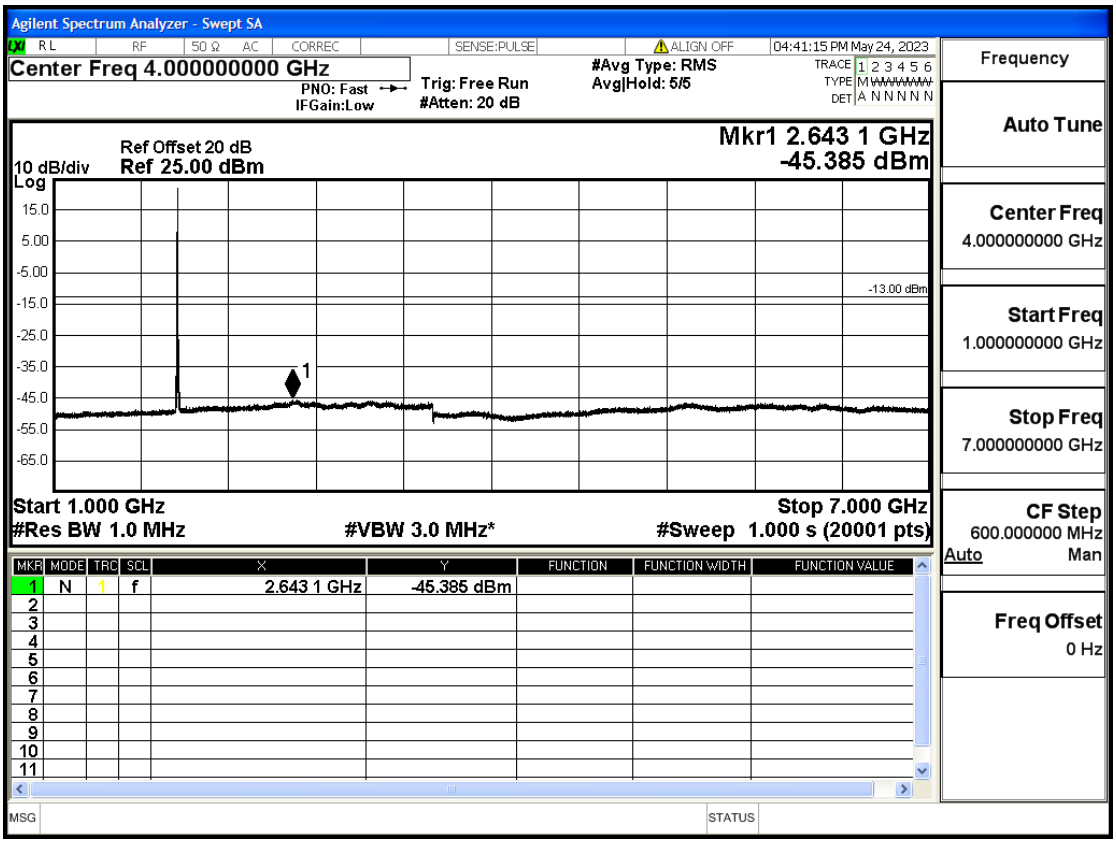
OB2-3-1908.5-Q16-15#LOW@13.6GHz-20GHz@Pass



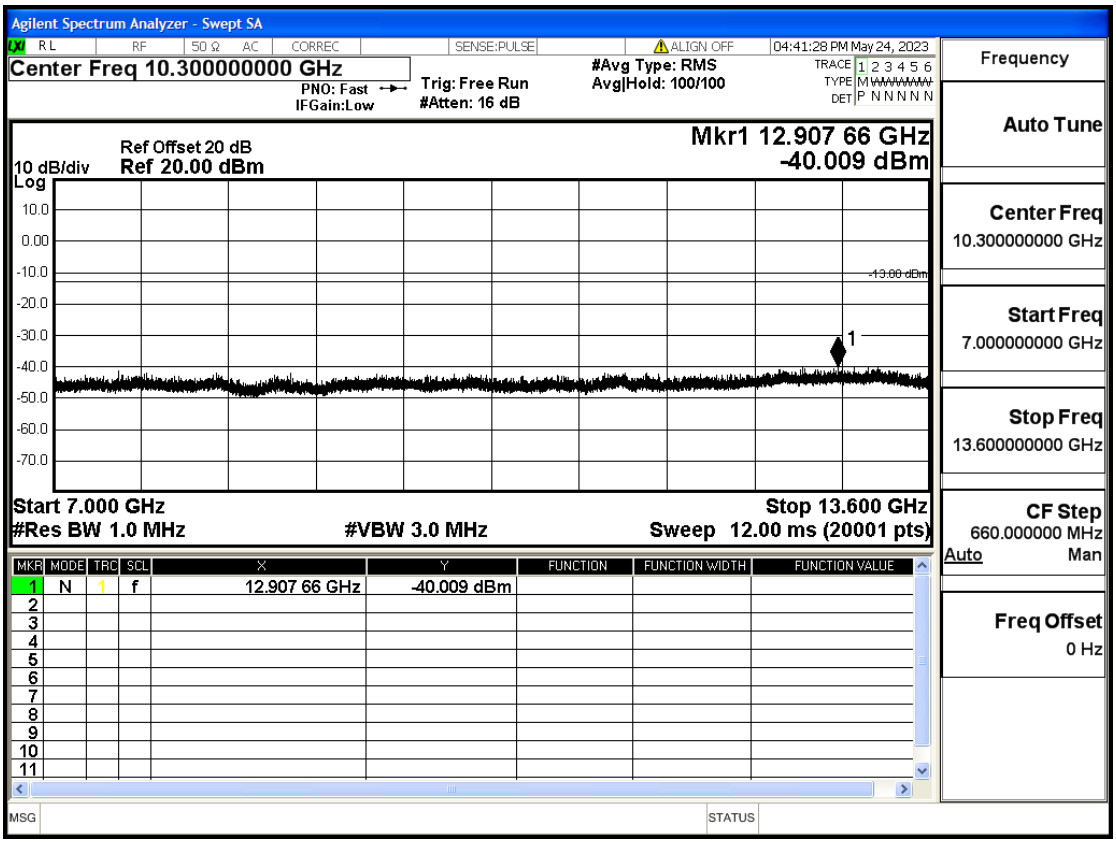
OB2-5-1852.5-Q16-25#LOW@30mHz-1GHz@Pass



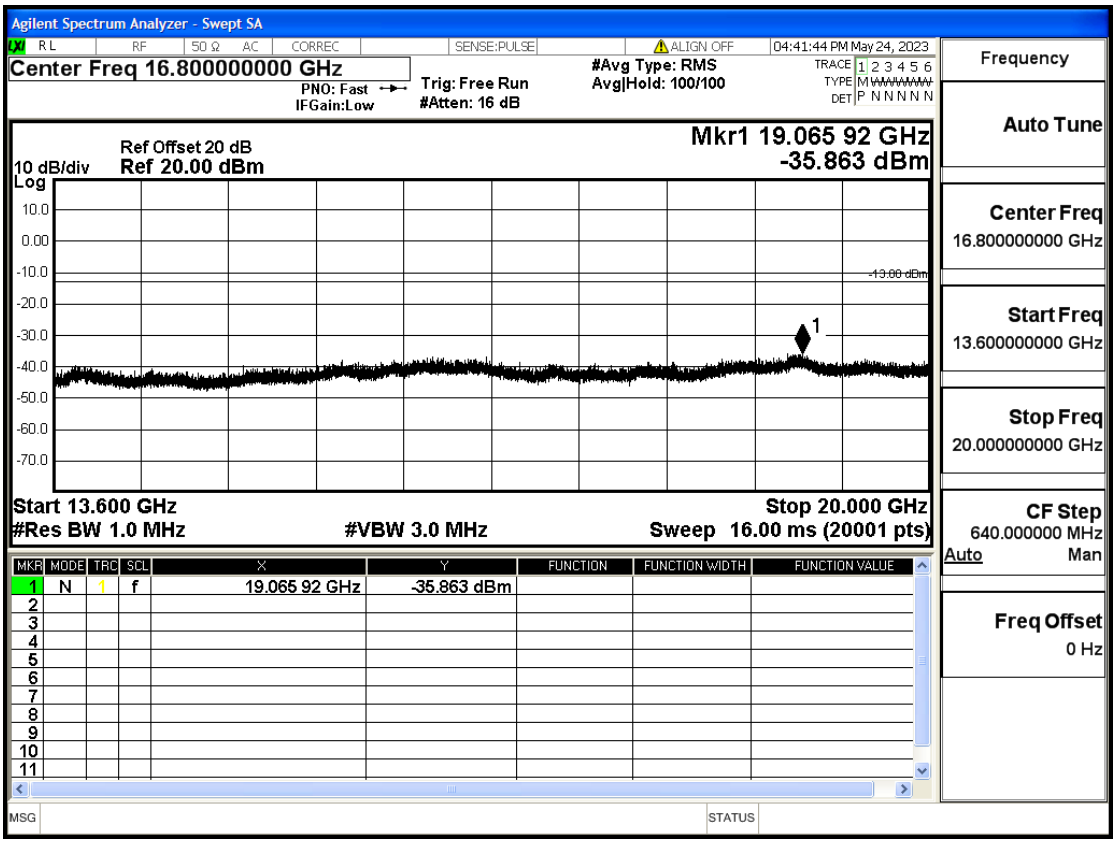
OB2-5-1852.5-Q16-25#LOW@1GHz-7GHz@Pass



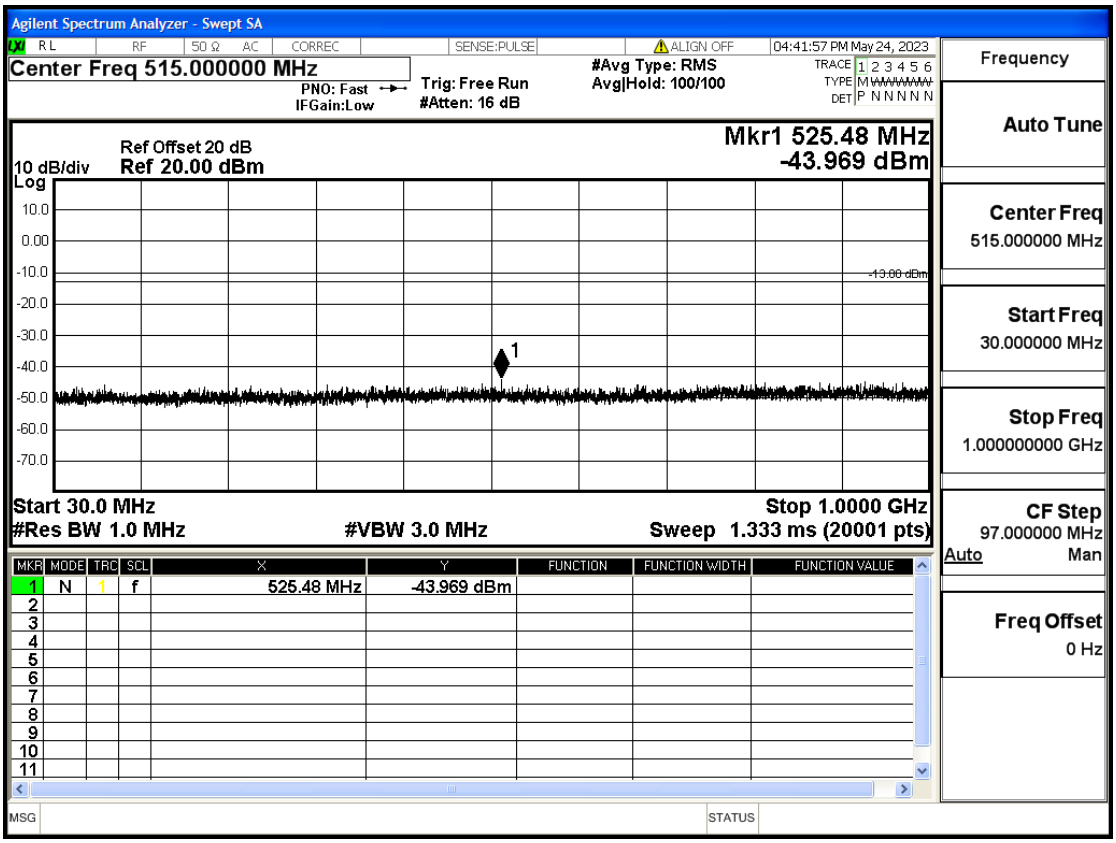
OB2-5-1852.5-Q16-25#LOW@7GHz-13.6GHz@Pass



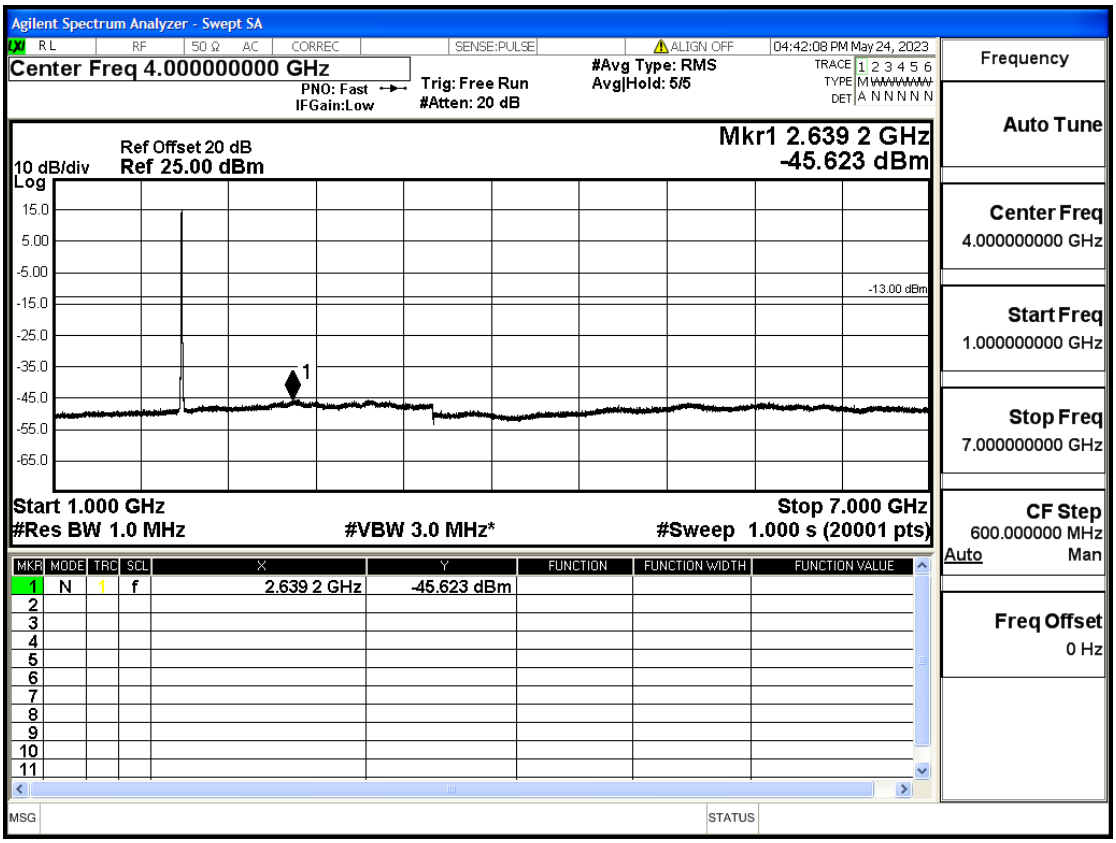
OB2-5-1852.5-Q16-25#LOW@13.6GHz-20GHz@Pass



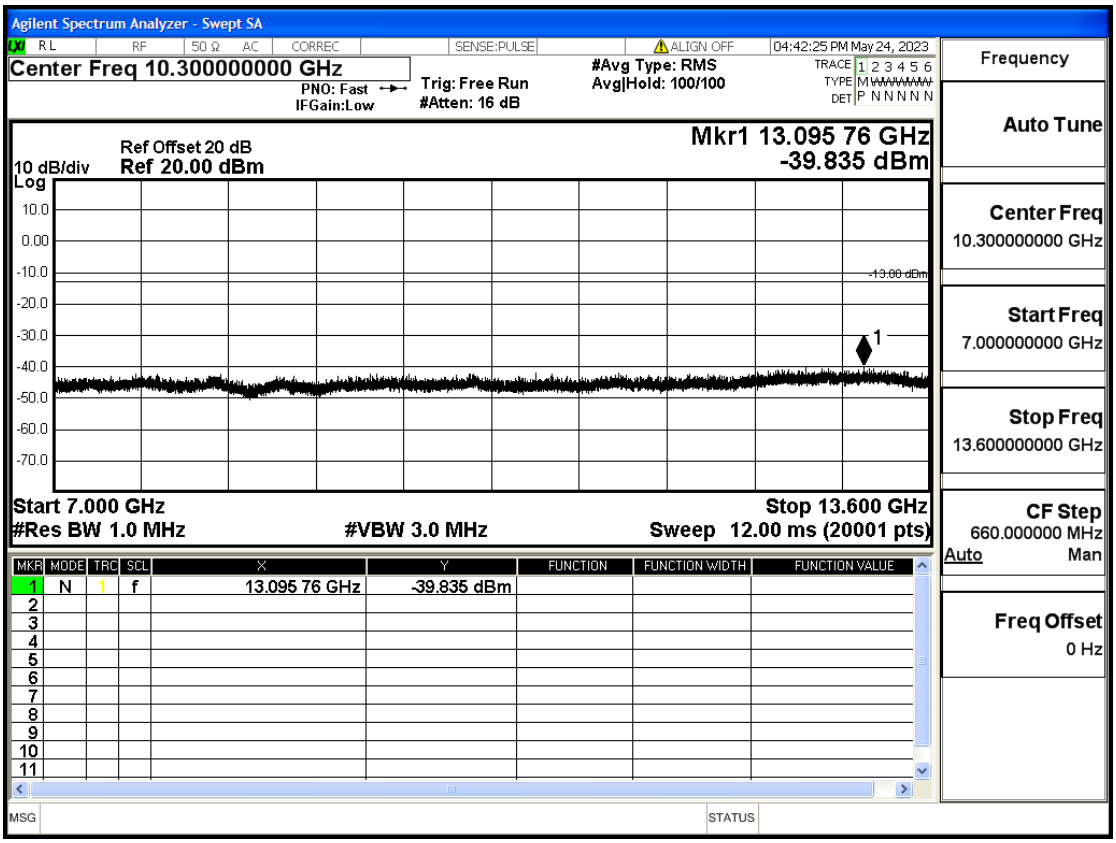
OB2-5-1880-Q16-25#LOW@30mHz-1GHz@Pass



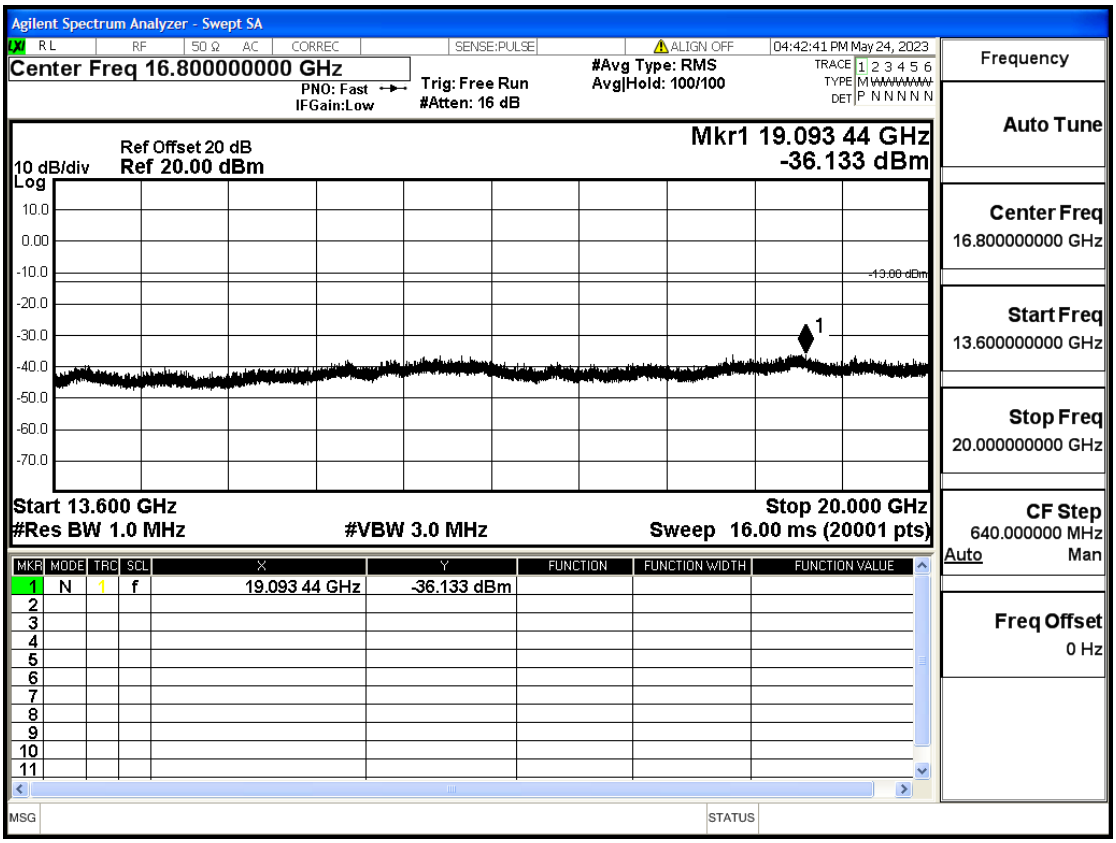
OB2-5-1880-Q16-25#LOW@1GHz-7GHz@Pass



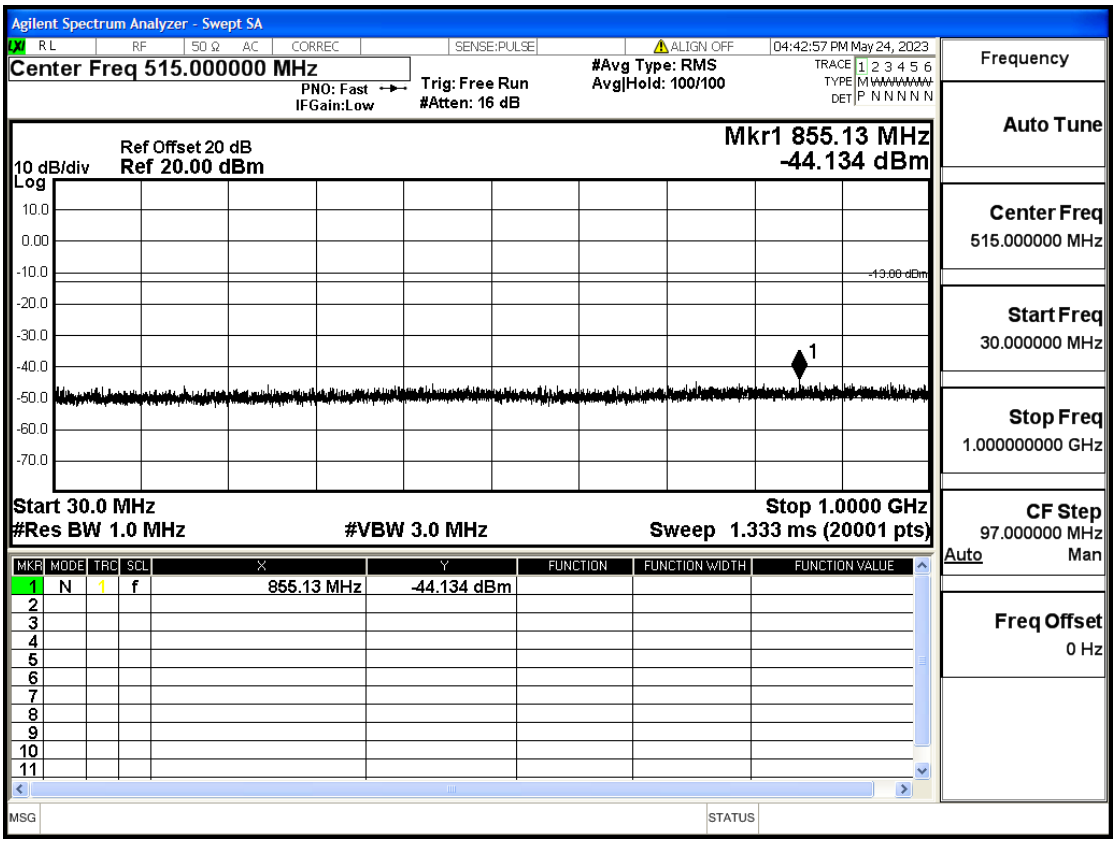
OB2-5-1880-Q16-25#LOW@7GHz-13.6GHz@Pass



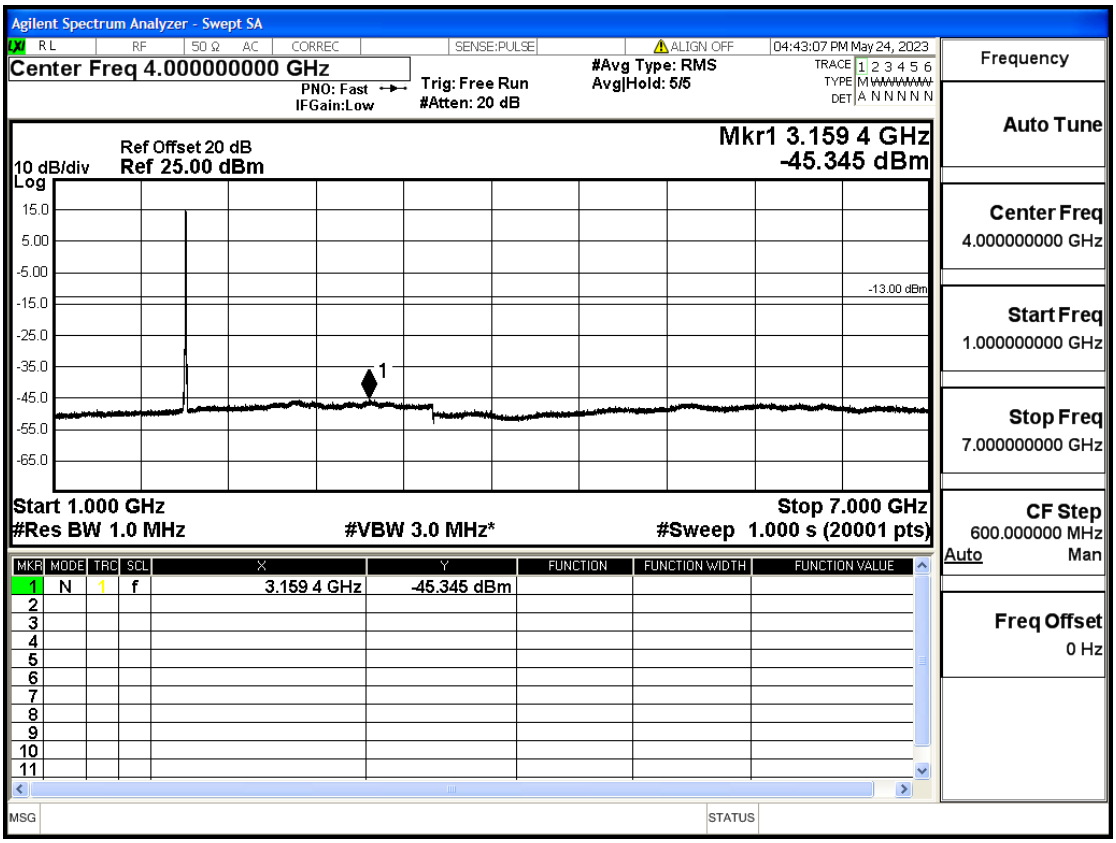
OB2-5-1880-Q16-25#LOW@13.6GHz-20GHz@Pass



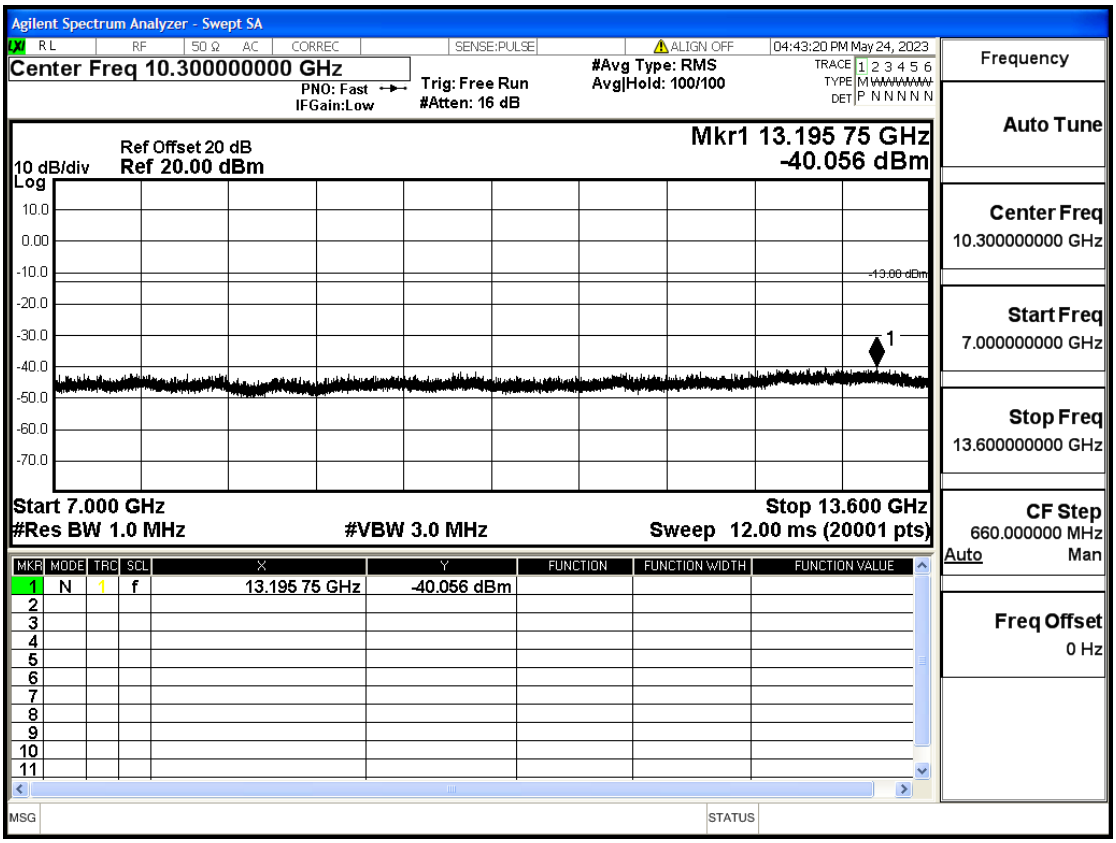
OB2-5-1907.5-Q16-25#LOW@30mHz-1GHz@Pass



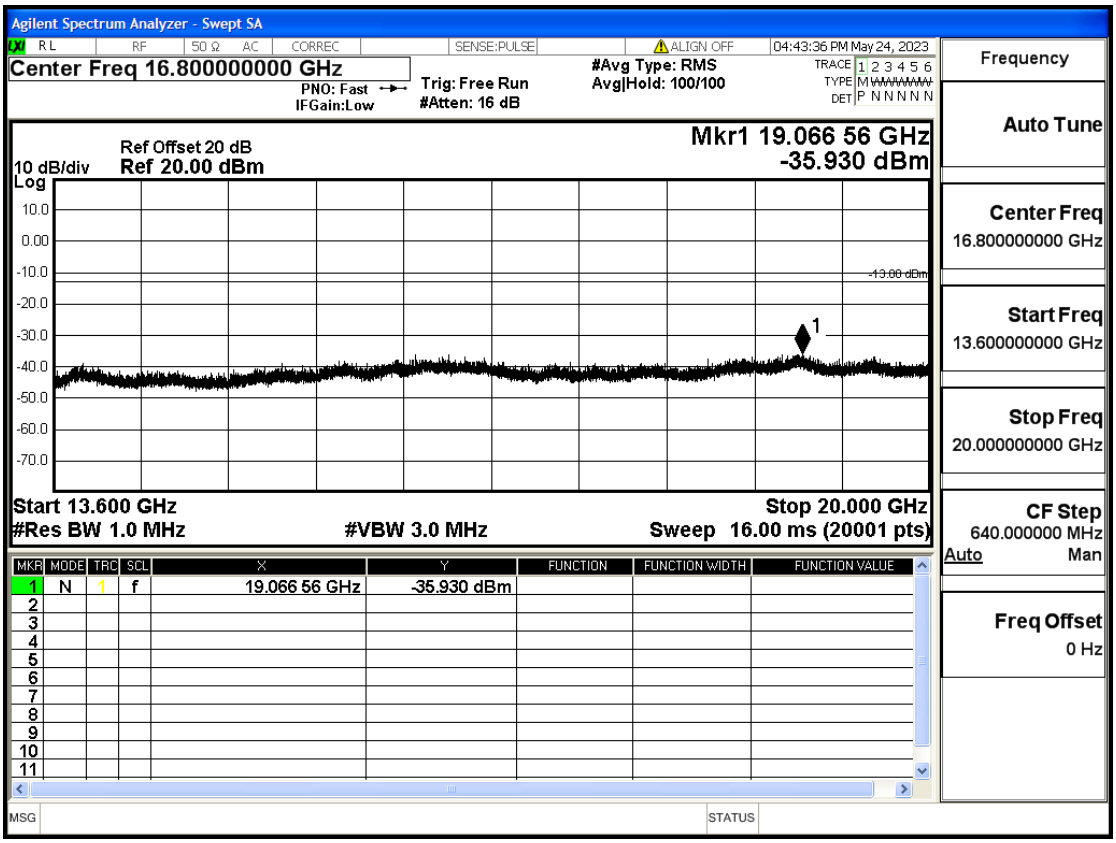
OB2-5-1907.5-Q16-25#LOW@1GHz-7GHz@Pass



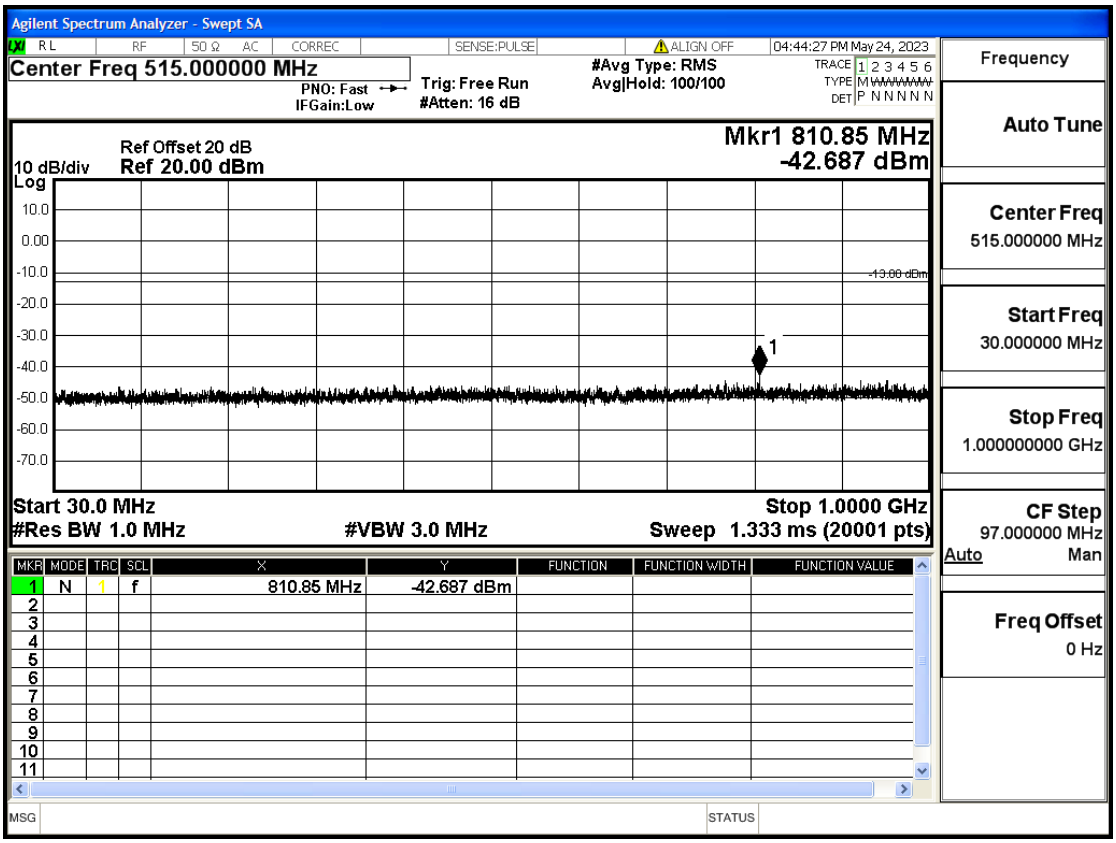
OB2-5-1907.5-Q16-25#LOW@7GHz-13.6GHz@Pass



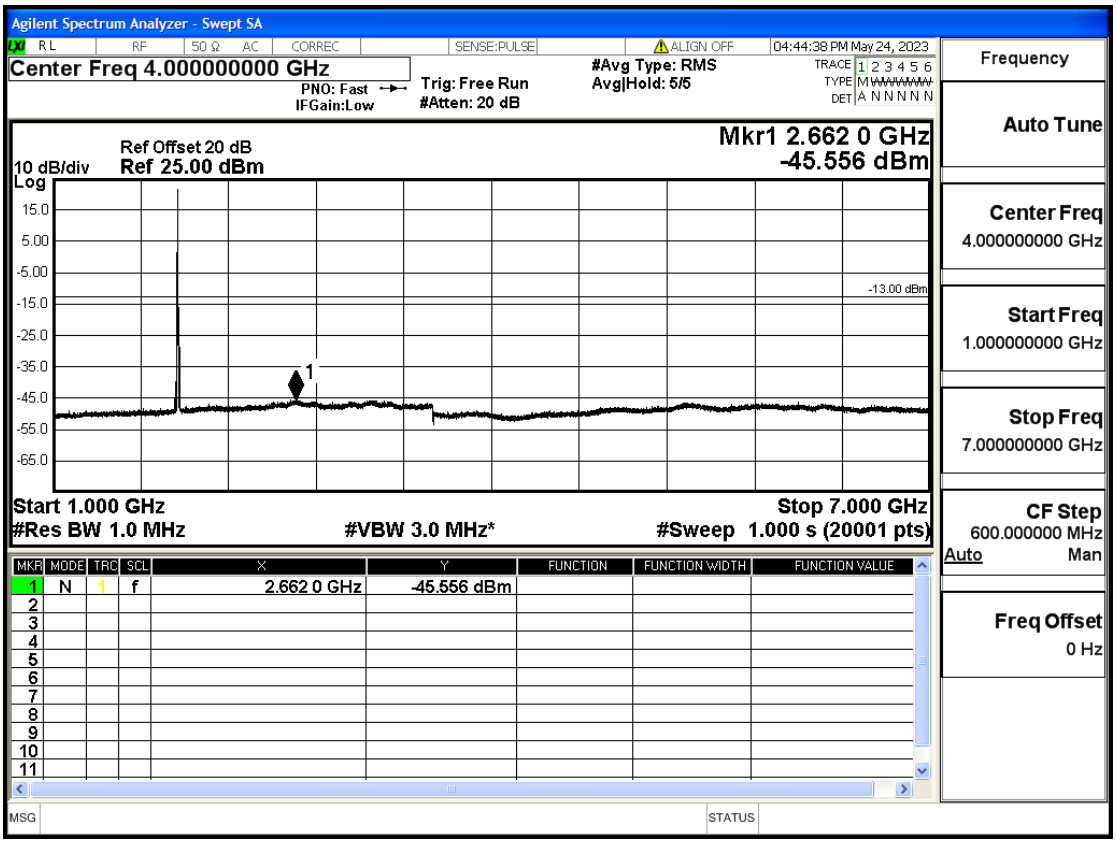
OB2-5-1907.5-Q16-25#LOW@13.6GHz-20GHz@Pass



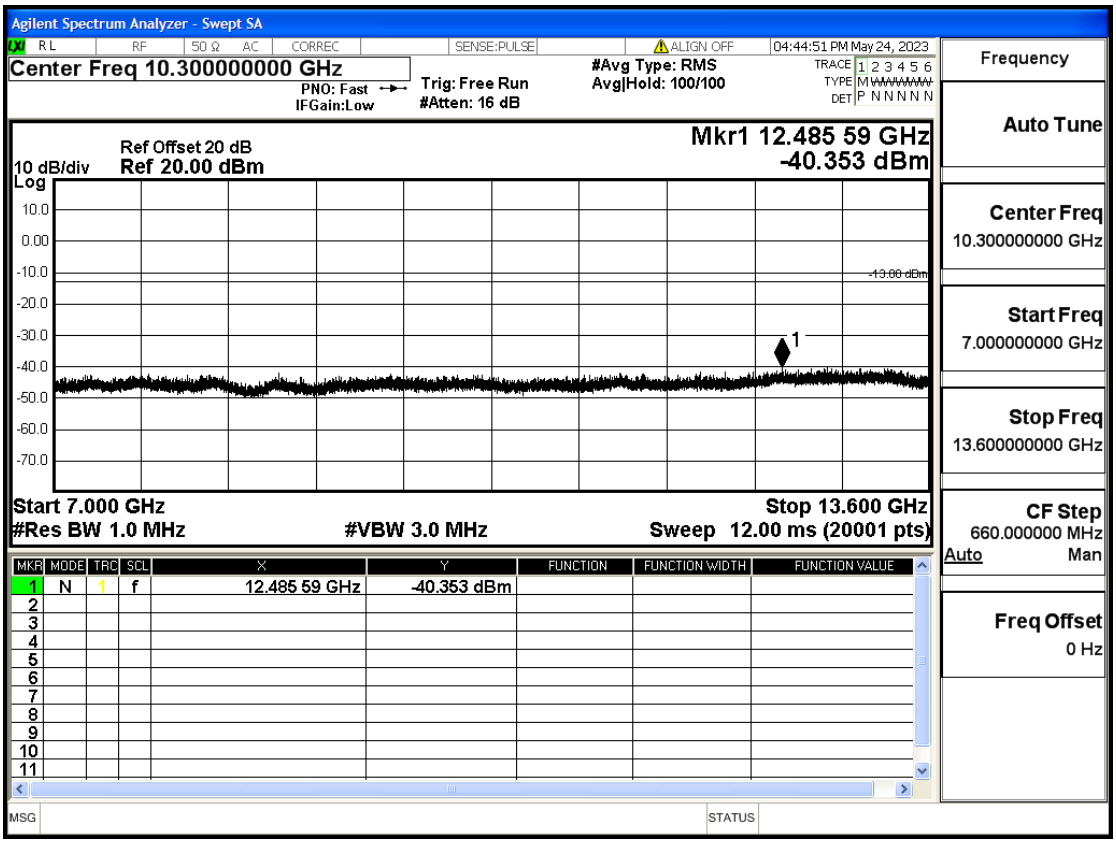
OB2-10-1855-Q16-50#LOW@30mHz-1GHz@Pass



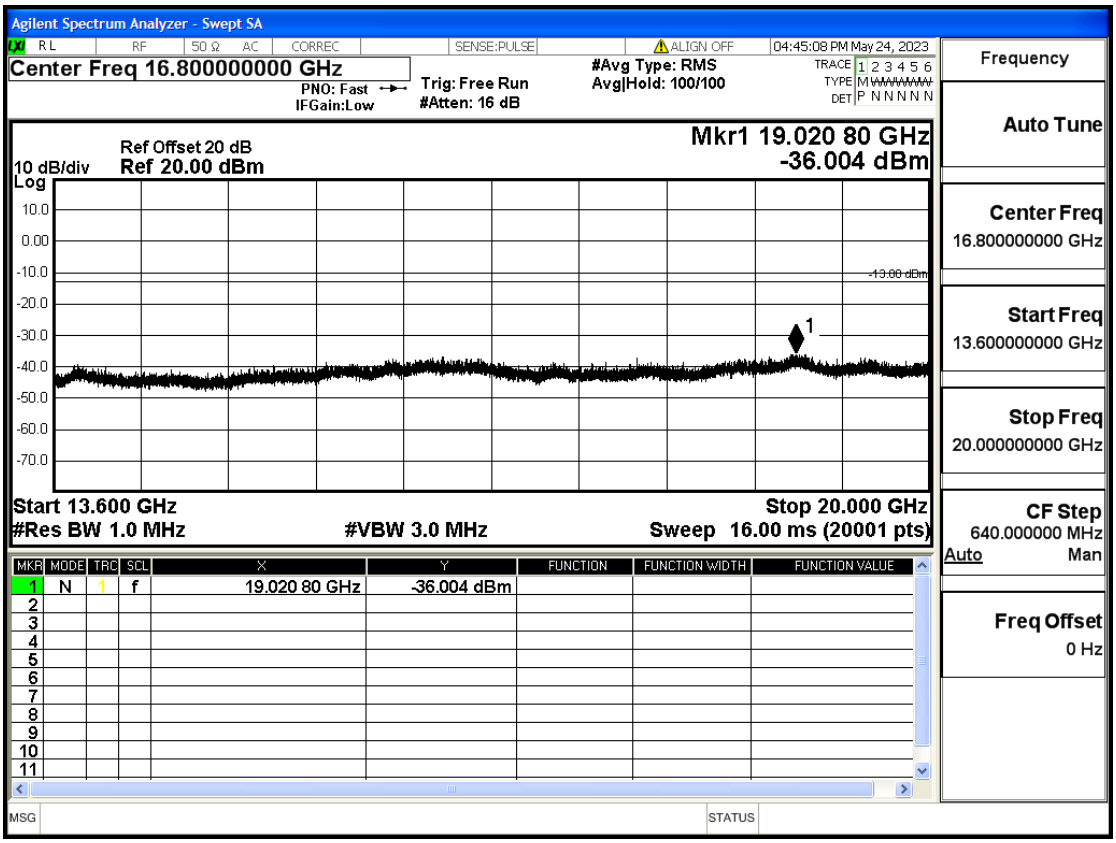
OB2-10-1855-Q16-50#LOW@1GHz-7GHz@Pass



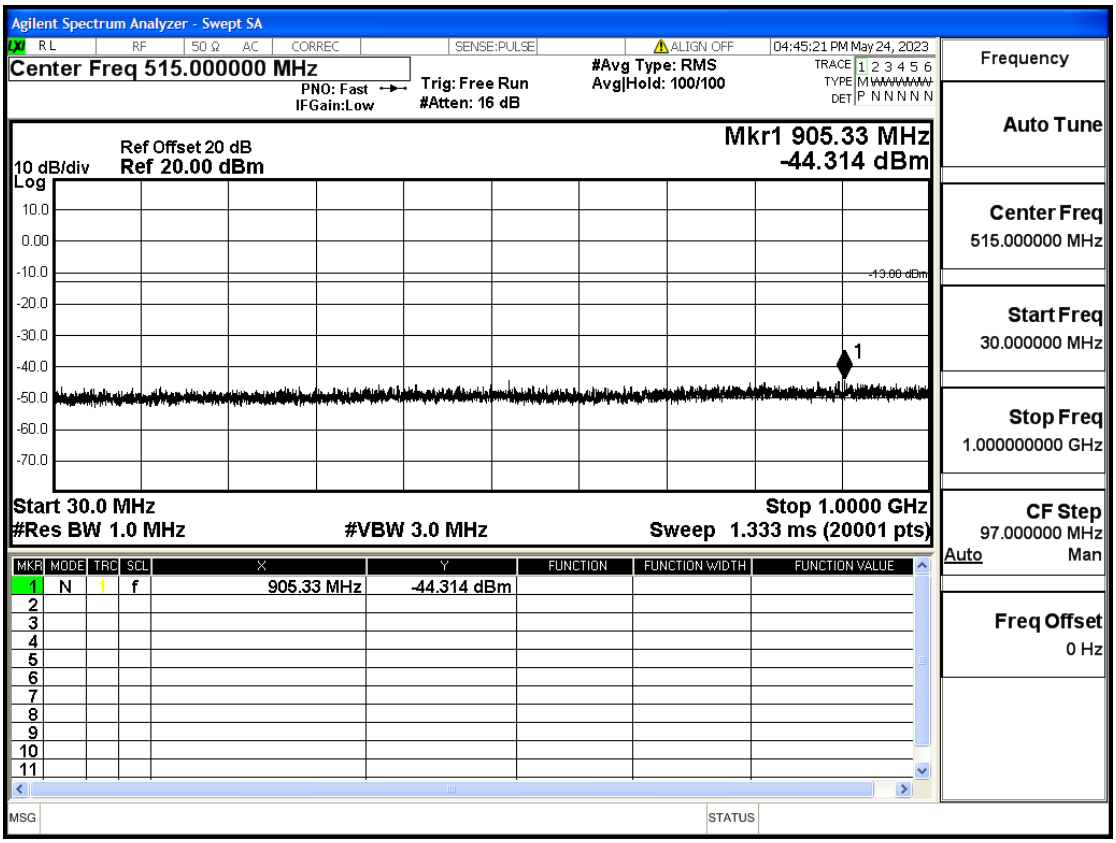
OB2-10-1855-Q16-50#LOW@7GHz-13.6GHz@Pass



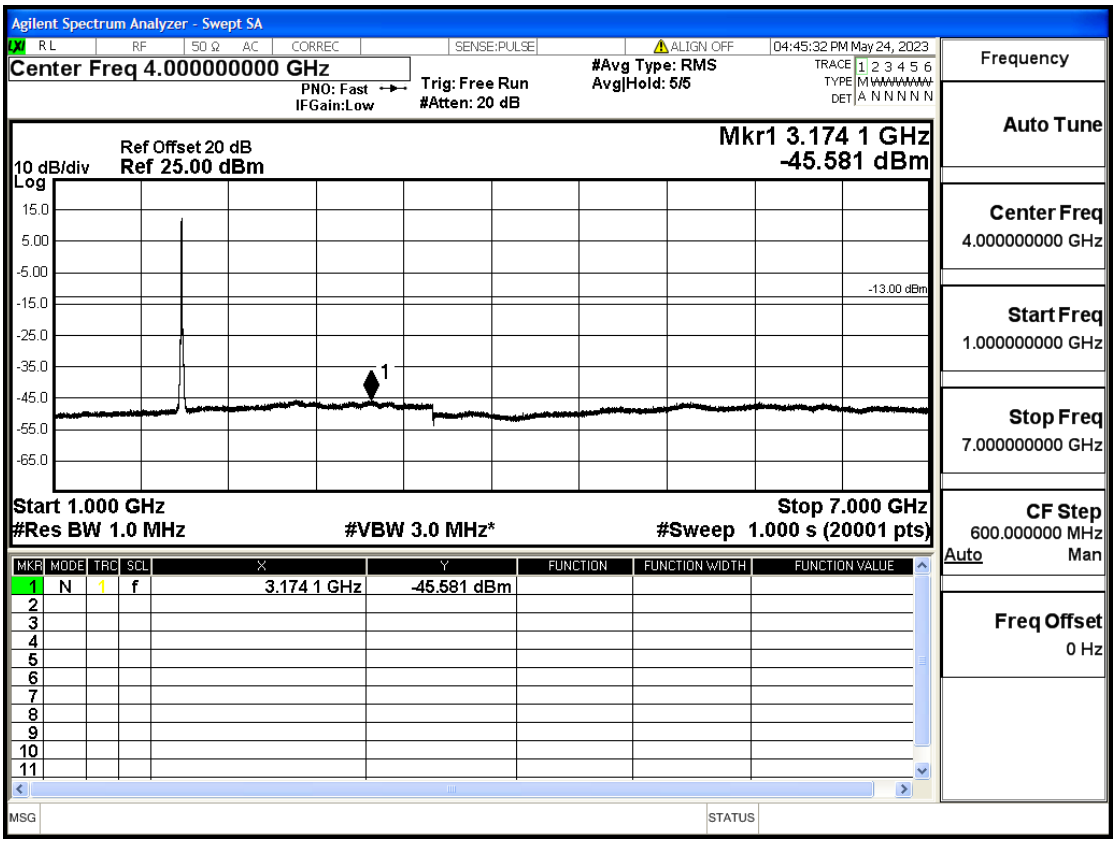
OB2-10-1855-Q16-50#LOW@13.6GHz-20GHz@Pass



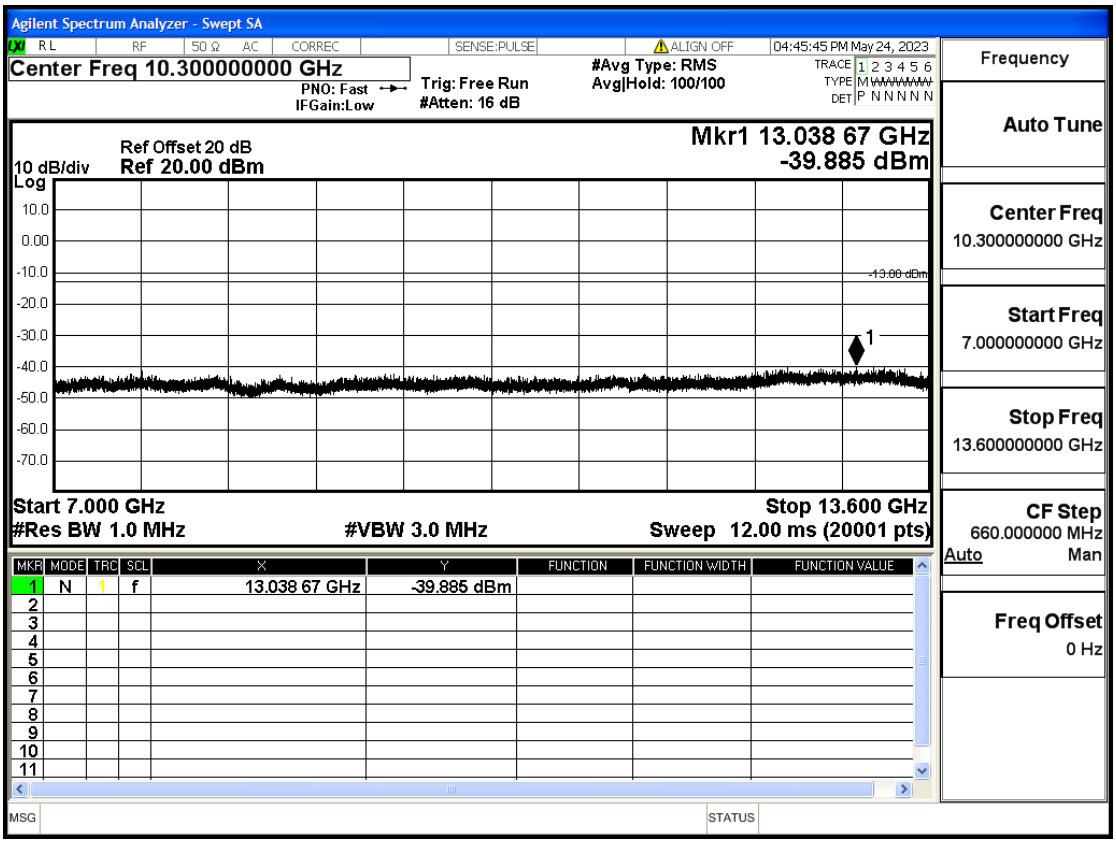
OB2-10-1880-Q16-50#LOW@30mHz-1GHz@Pass



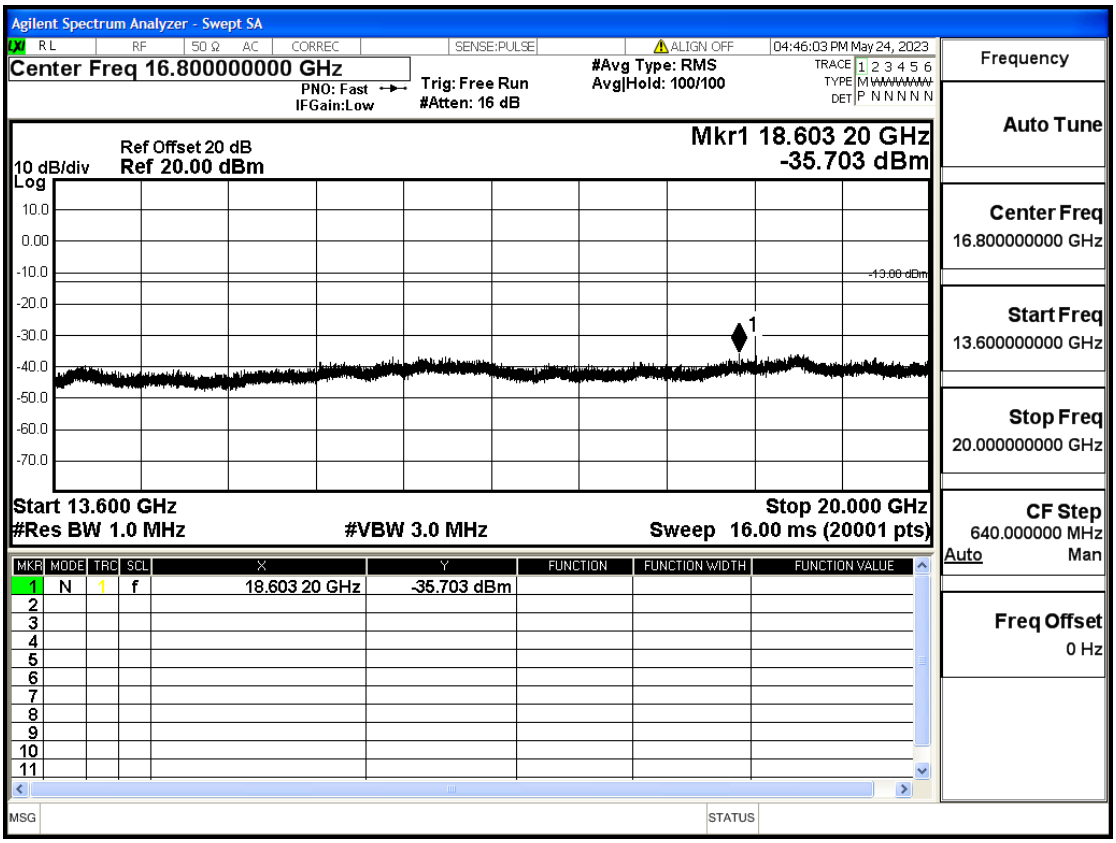
OB2-10-1880-Q16-50#LOW@1GHz-7GHz@Pass



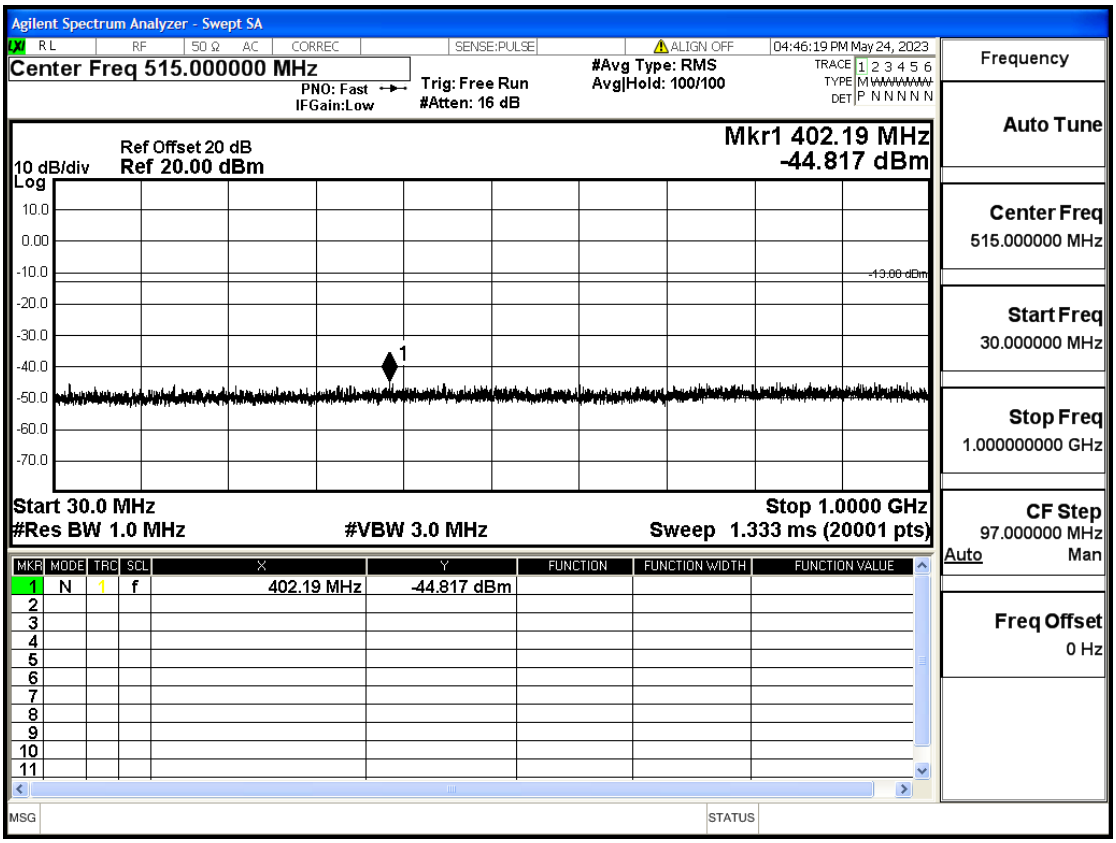
OB2-10-1880-Q16-50#LOW@7GHz-13.6GHz@Pass



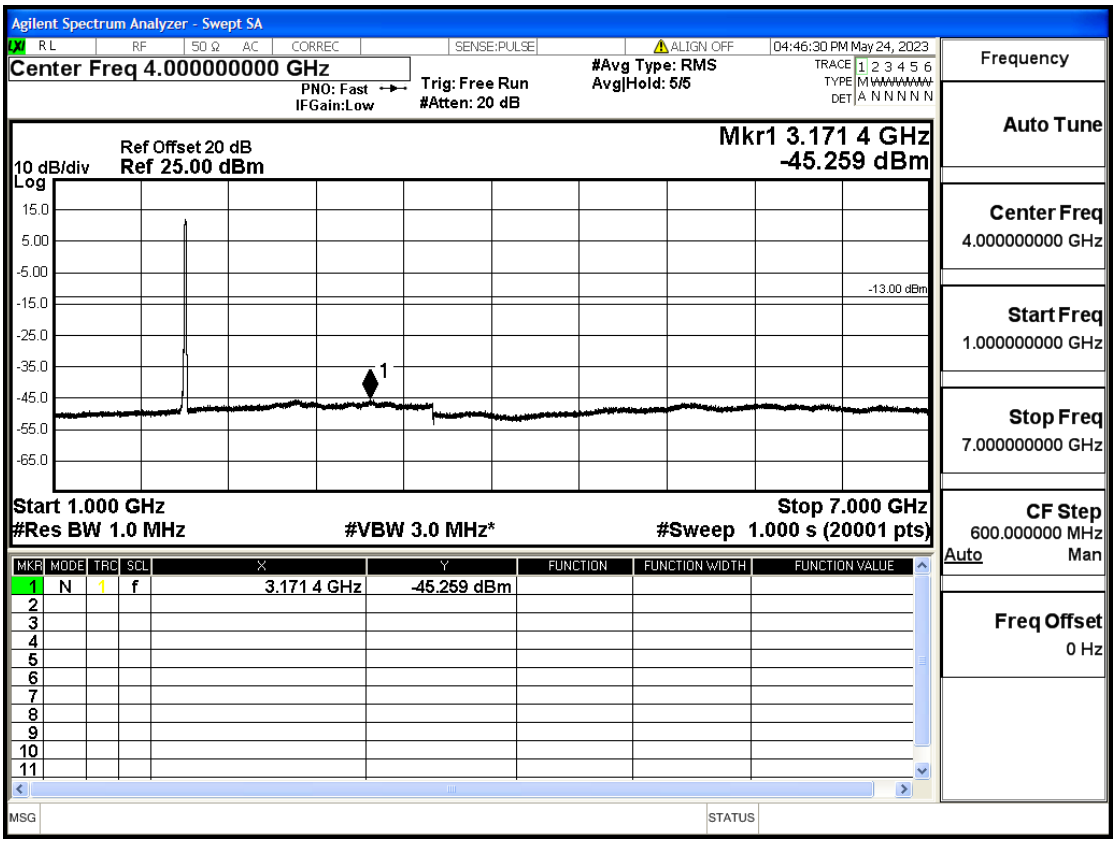
OB2-10-1880-Q16-50#LOW@13.6GHz-20GHz@Pass



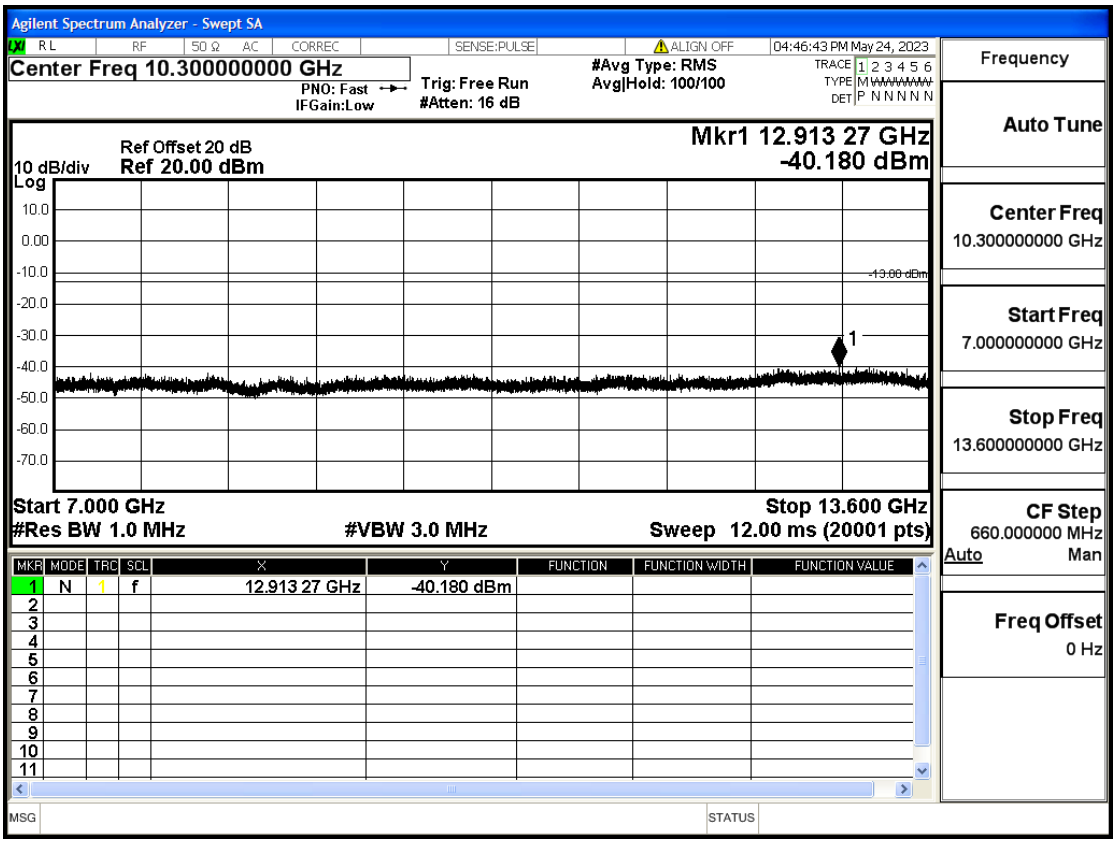
OB2-10-1905-Q16-50#LOW@30mHz-1GHz@Pass



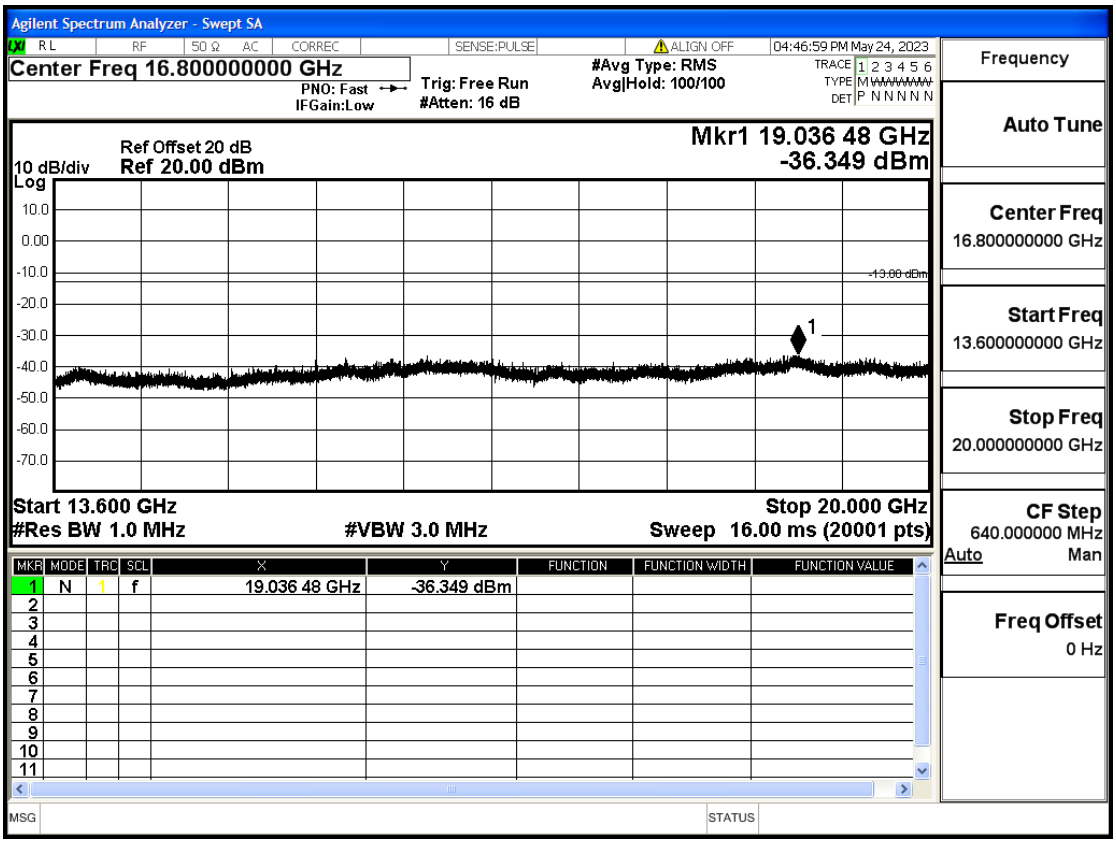
OB2-10-1905-Q16-50#LOW@1GHz-7GHz@Pass



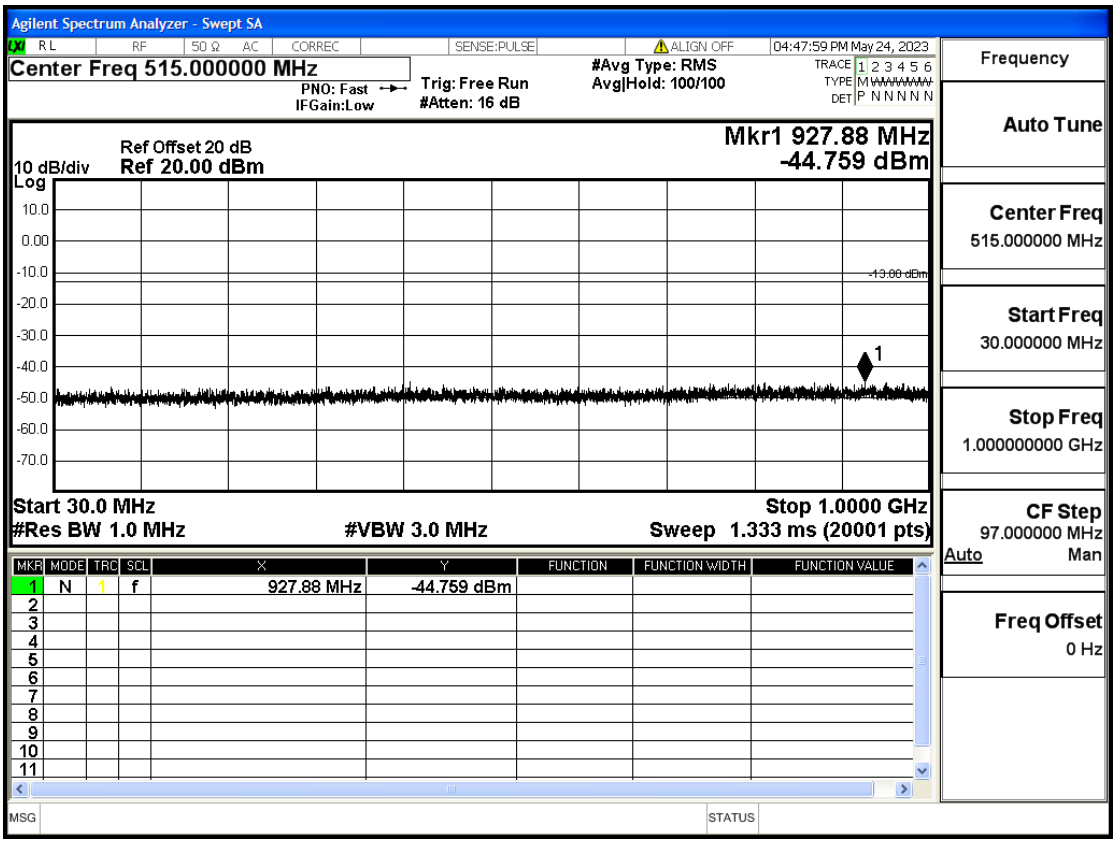
OB2-10-1905-Q16-50#LOW@7GHz-13.6GHz@Pass



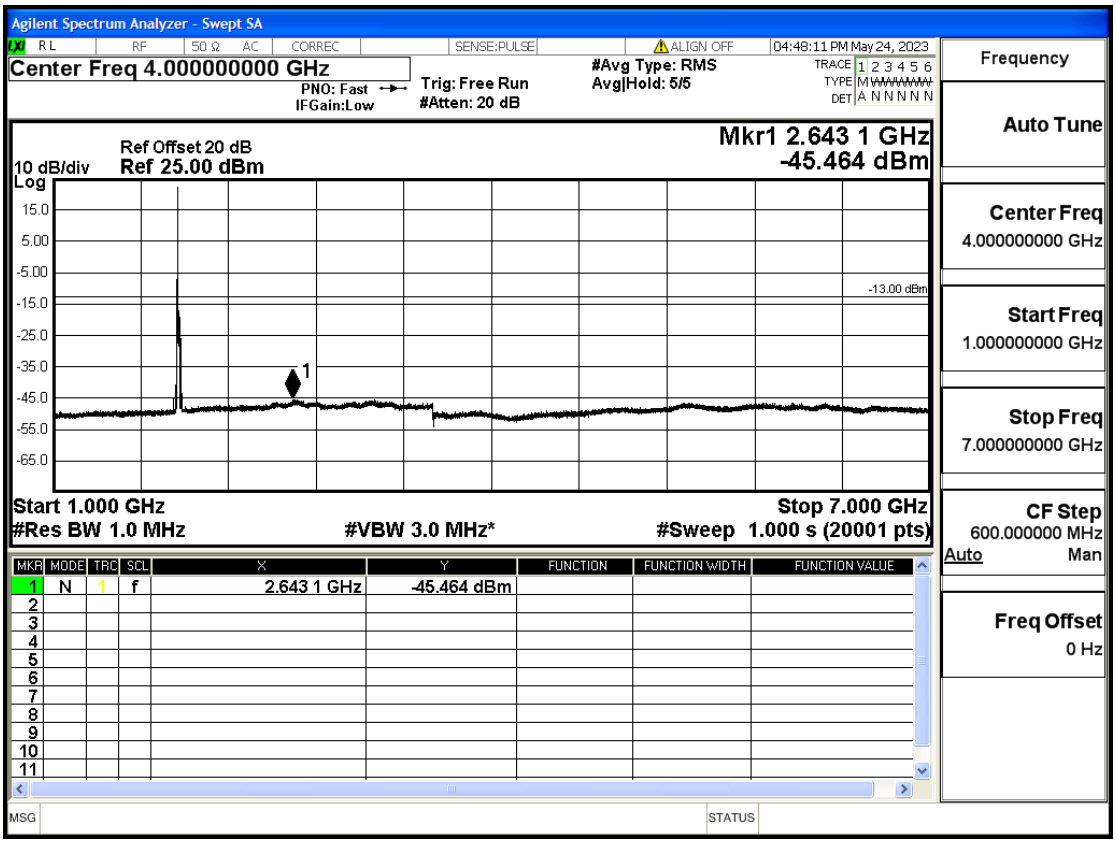
OB2-10-1905-Q16-50#LOW@13.6GHz-20GHz@Pass



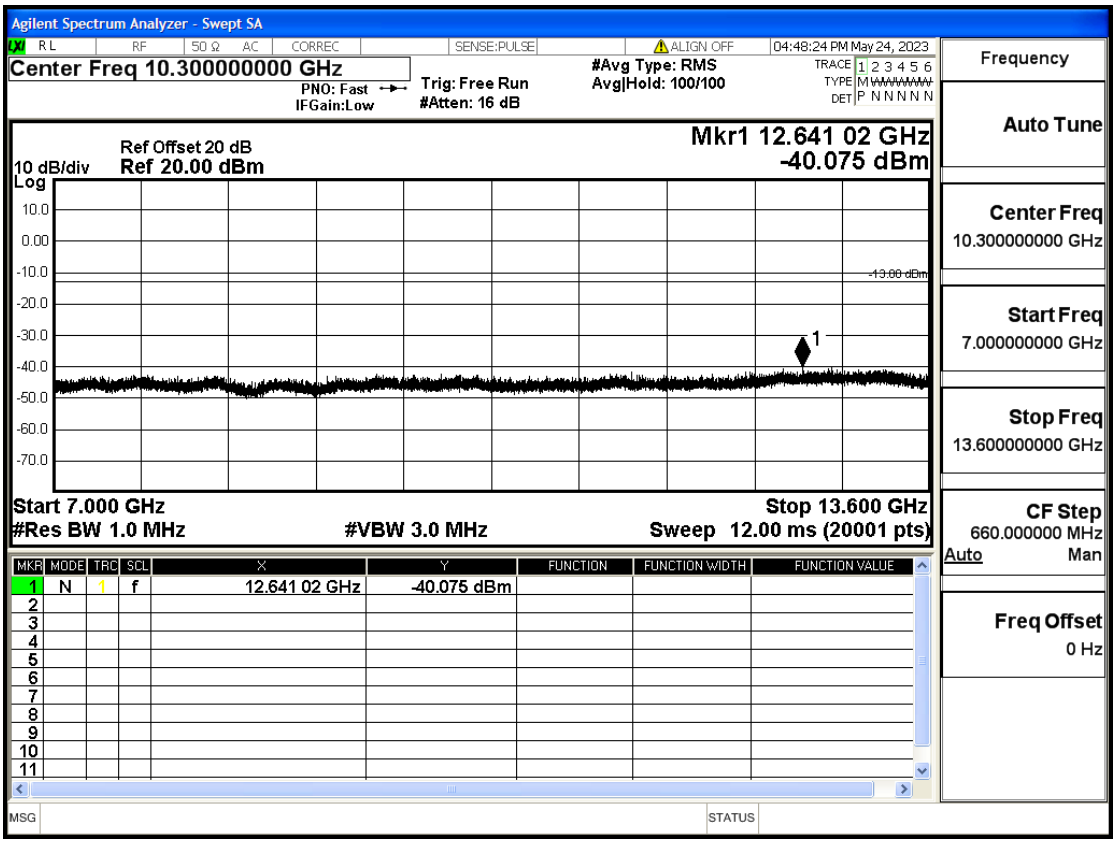
OB2-15-1857.5-Q16-75#LOW@30mHz-1GHz@Pass



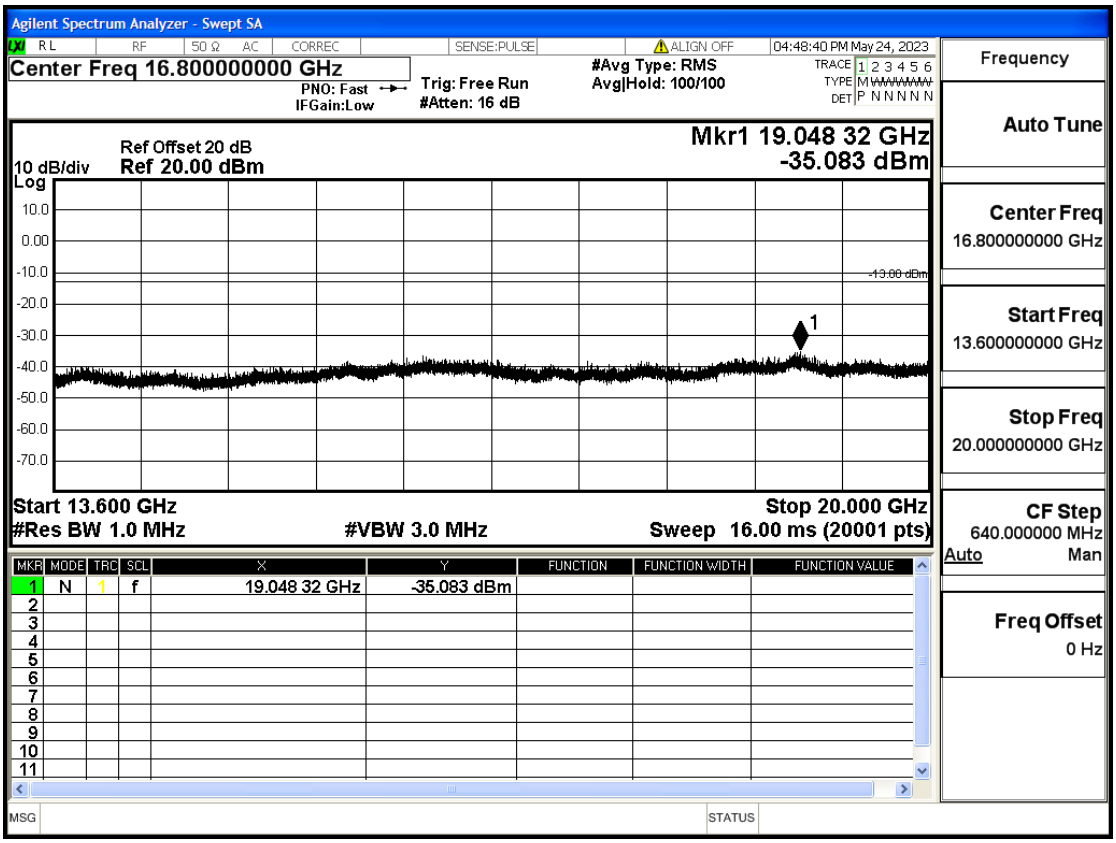
OB2-15-1857.5-Q16-75#LOW@1GHz-7GHz@Pass



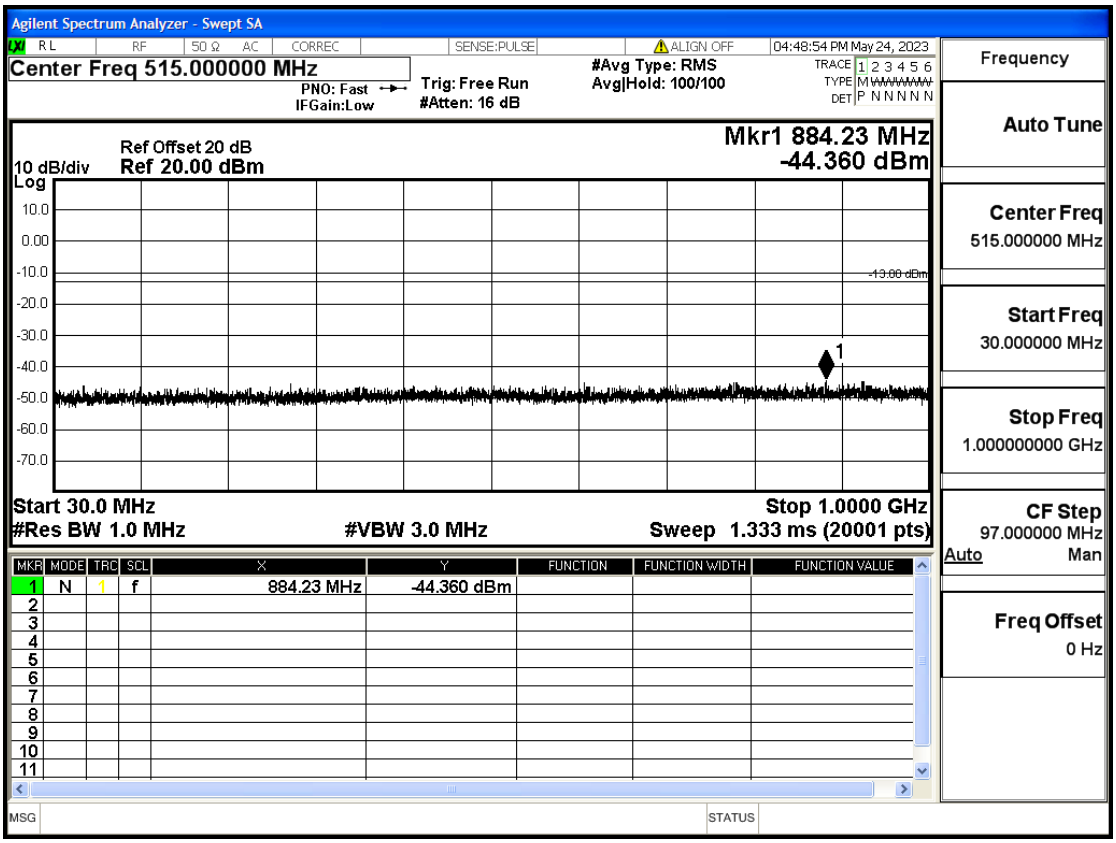
OB2-15-1857.5-Q16-75#LOW@7GHz-13.6GHz@Pass



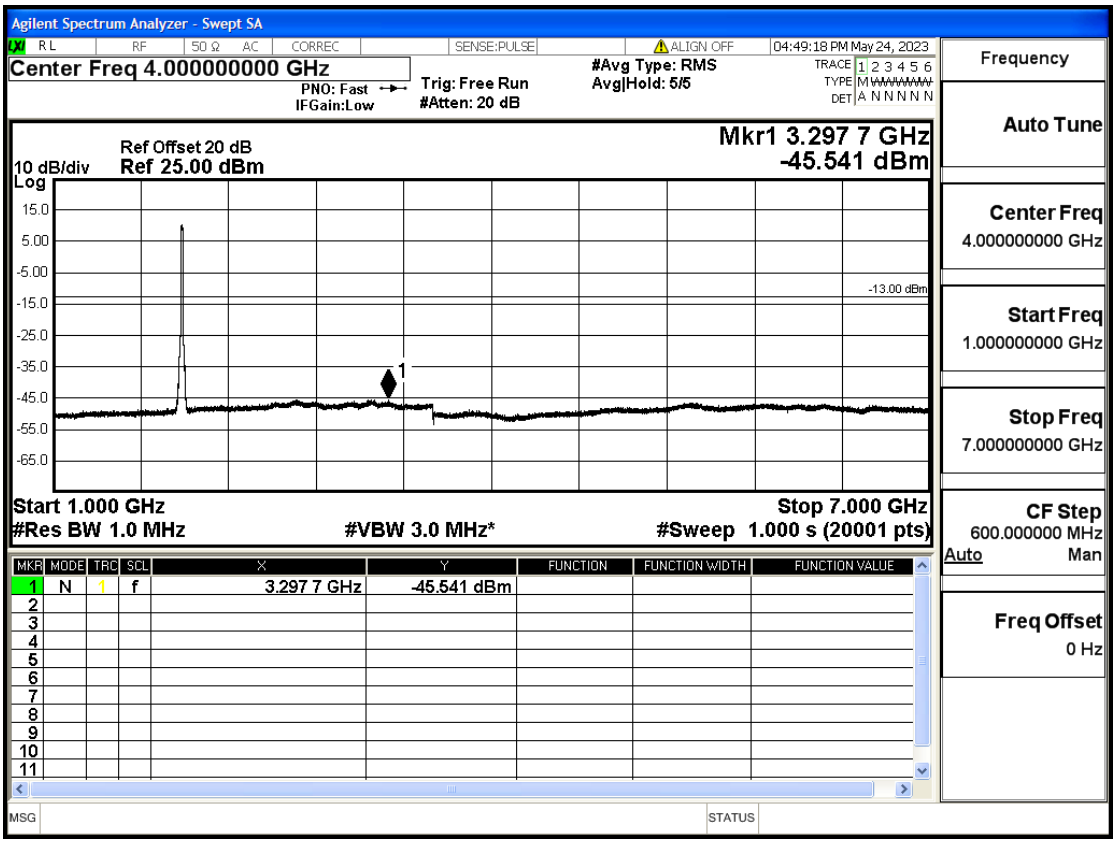
OB2-15-1857.5-Q16-75#LOW@13.6GHz-20GHz@Pass



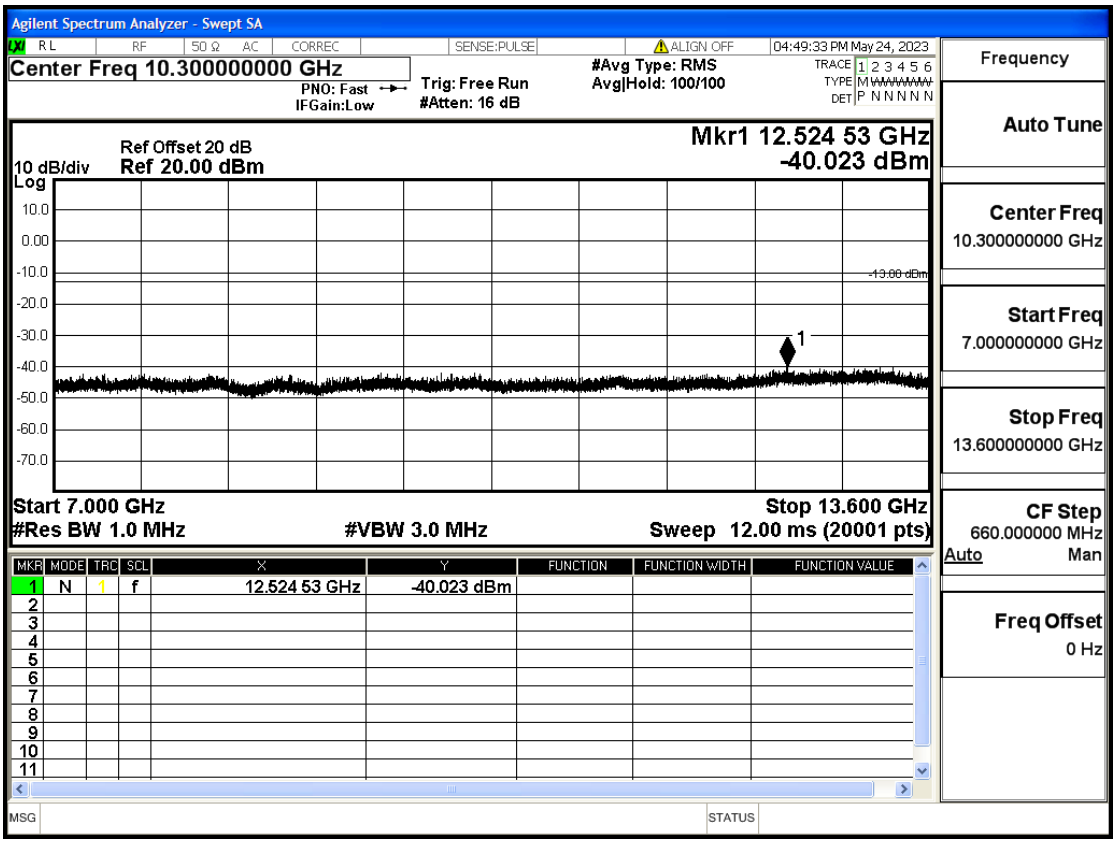
OB2-15-1880-Q16-75#LOW@30mHz-1GHz@Pass



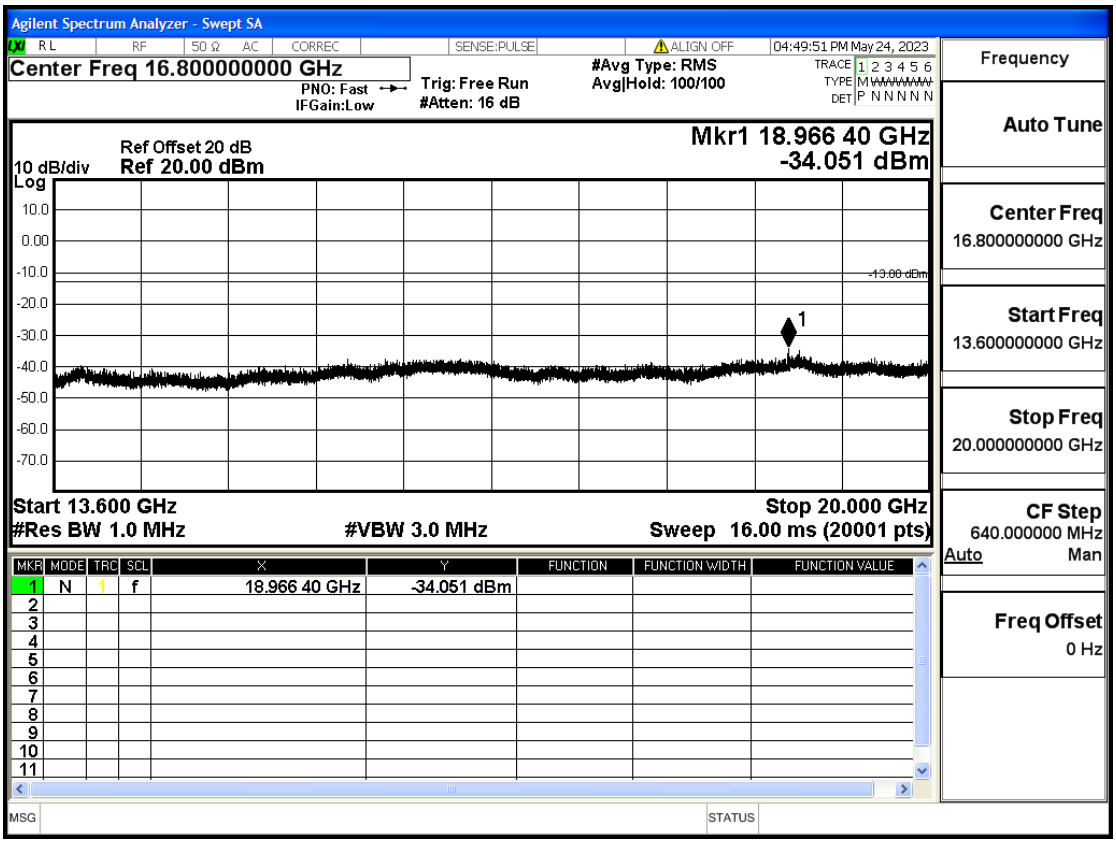
OB2-15-1880-Q16-75#LOW@1GHz-7GHz@Pass



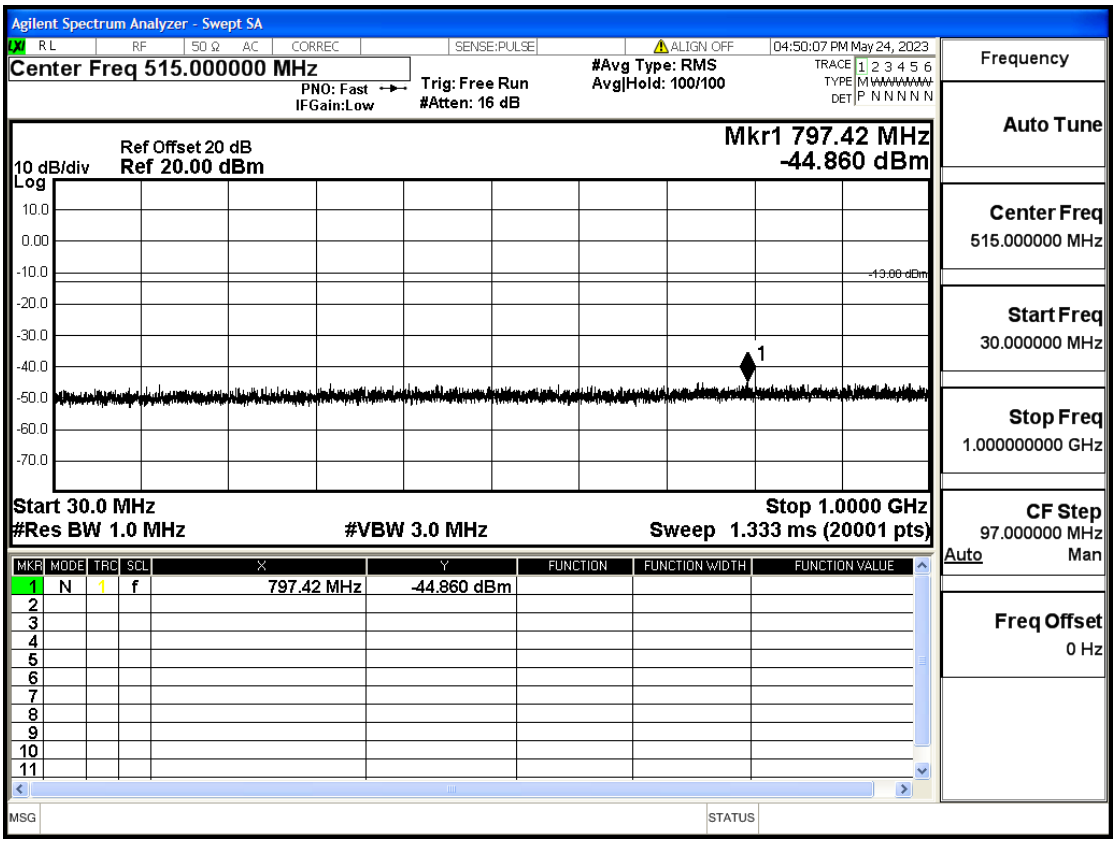
OB2-15-1880-Q16-75#LOW@7GHz-13.6GHz@Pass



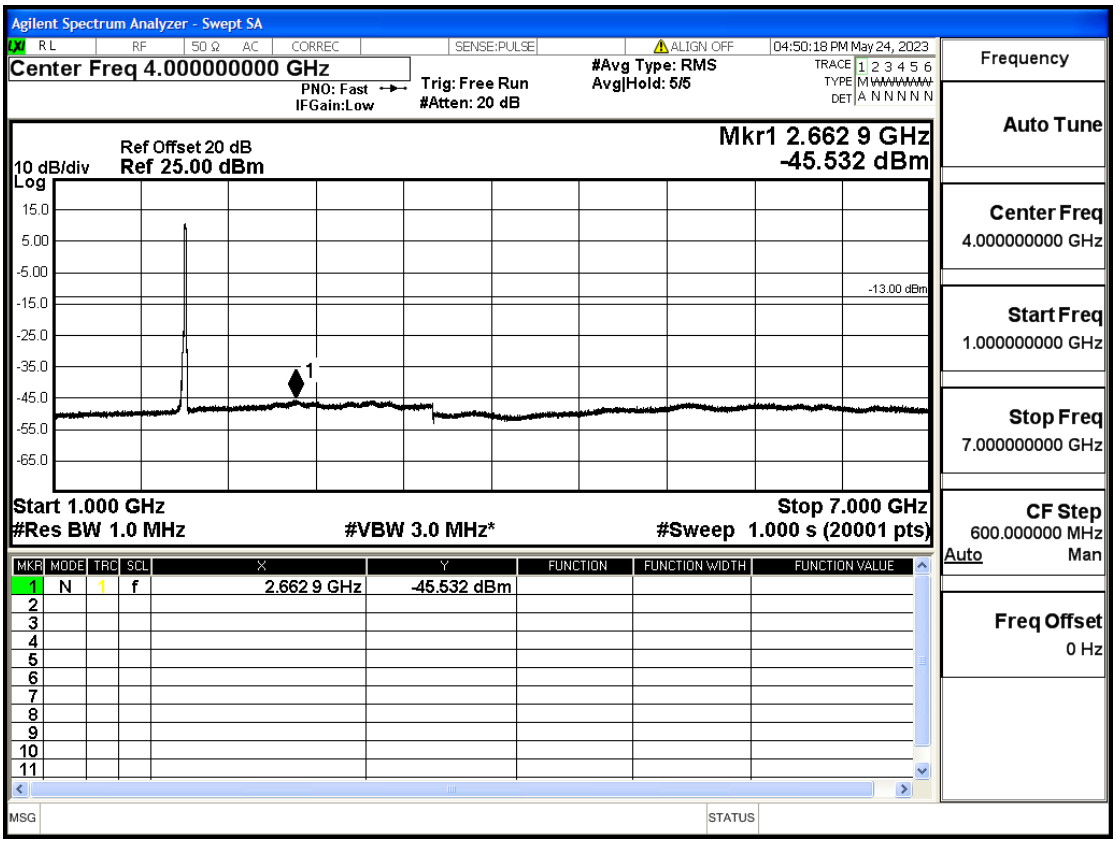
OB2-15-1880-Q16-75#LOW@13.6GHz-20GHz@Pass



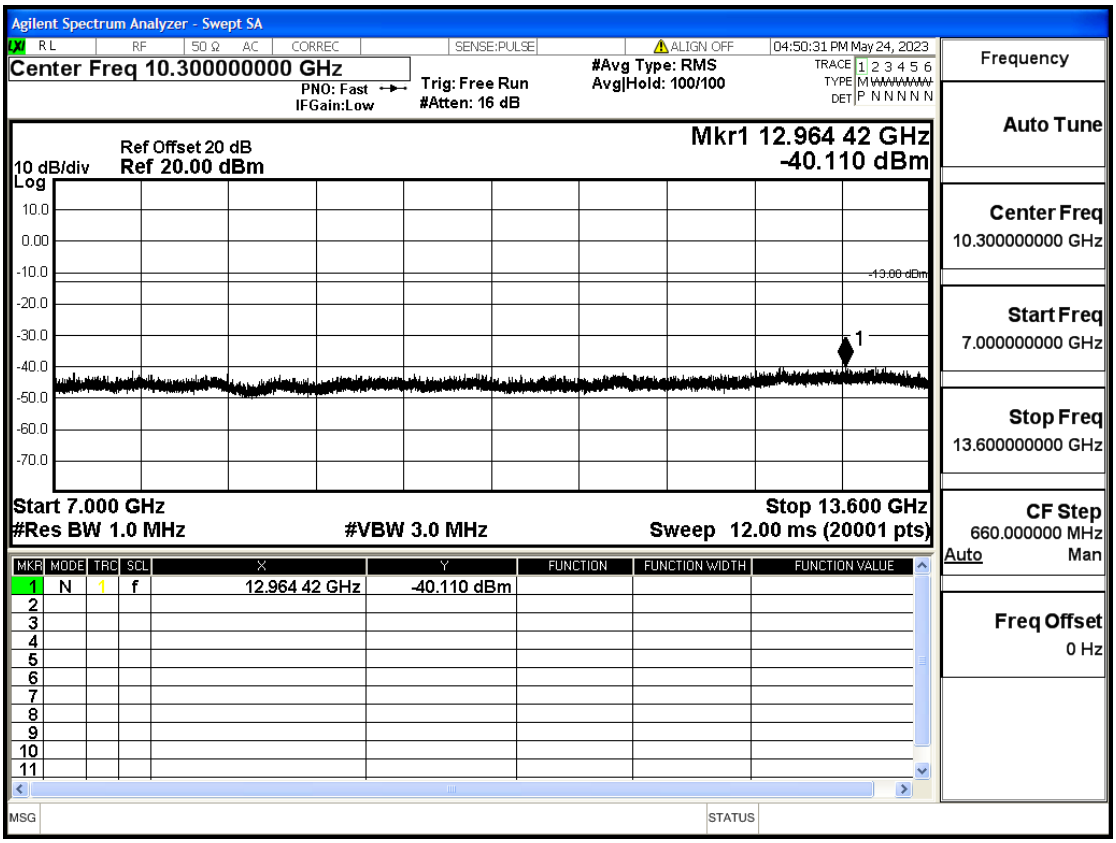
OB2-15-1902.5-Q16-75#LOW@30mHz-1GHz@Pass



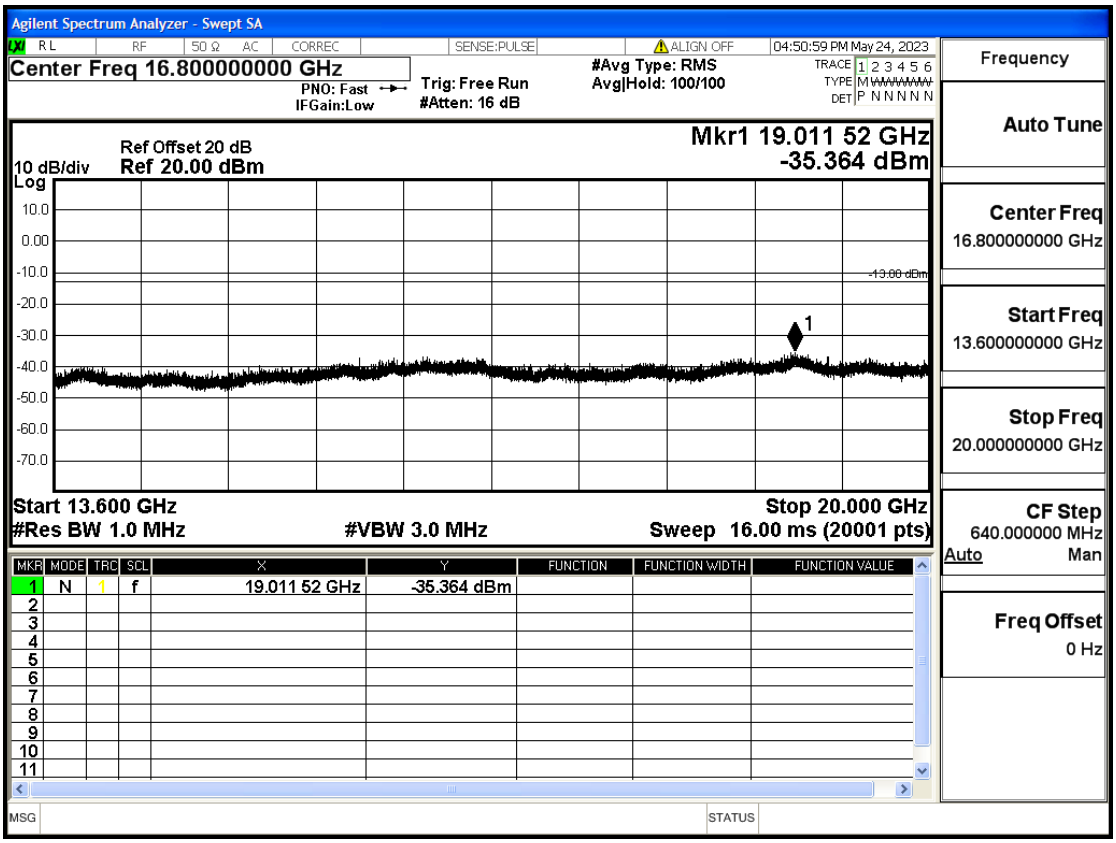
OB2-15-1902.5-Q16-75#LOW@1GHz-7GHz@Pass



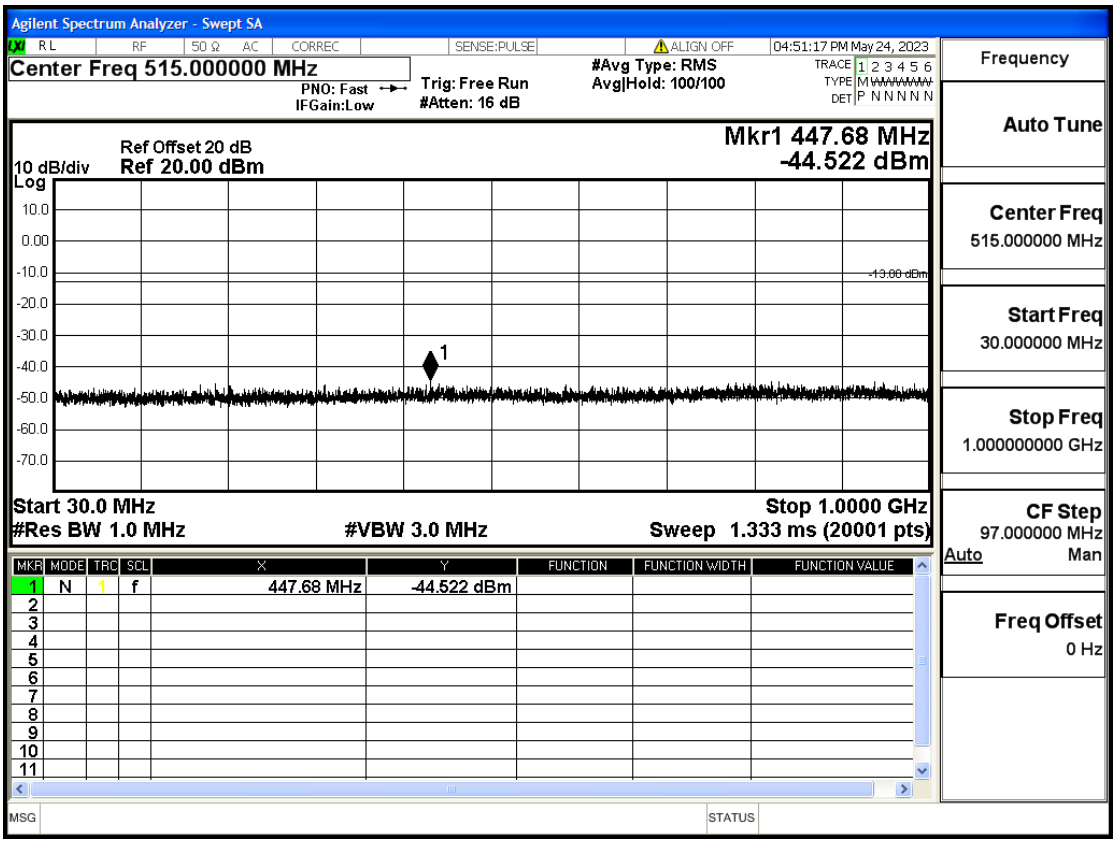
OB2-15-1902.5-Q16-75#LOW@7GHz-13.6GHz@Pass



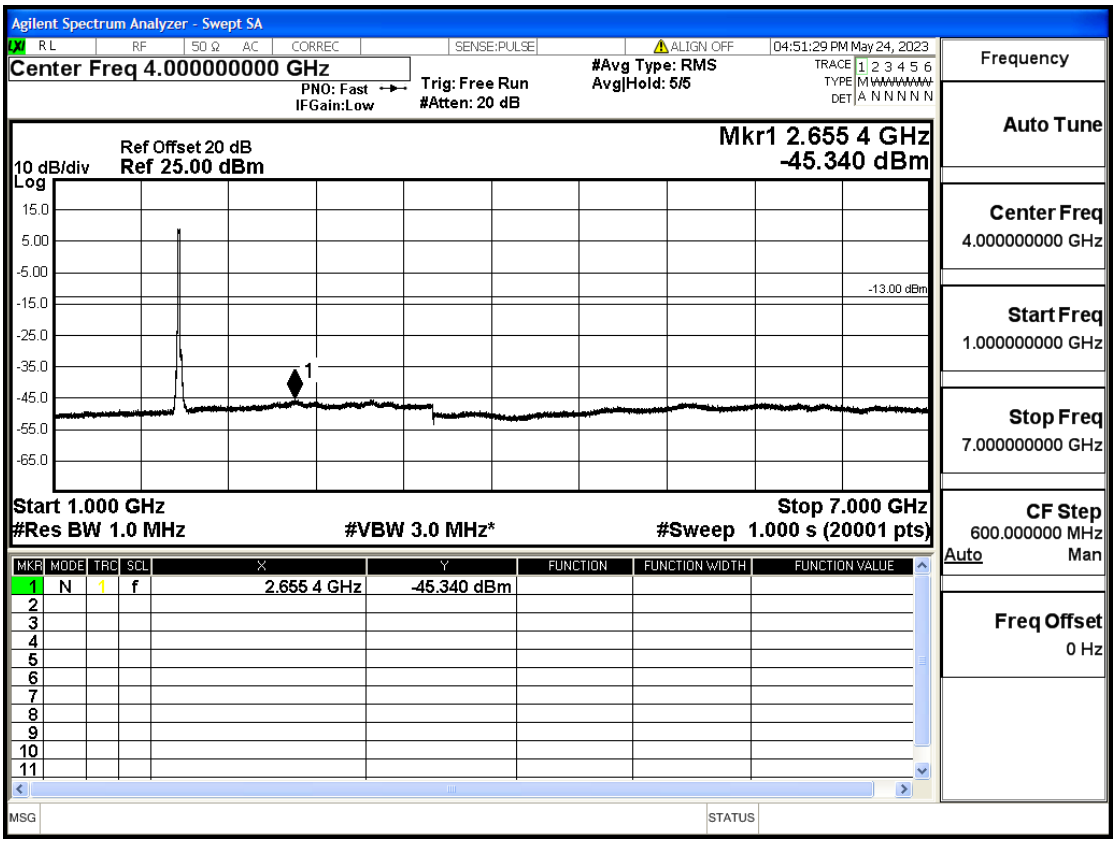
OB2-15-1902.5-Q16-75#LOW@13.6GHz-20GHz@Pass



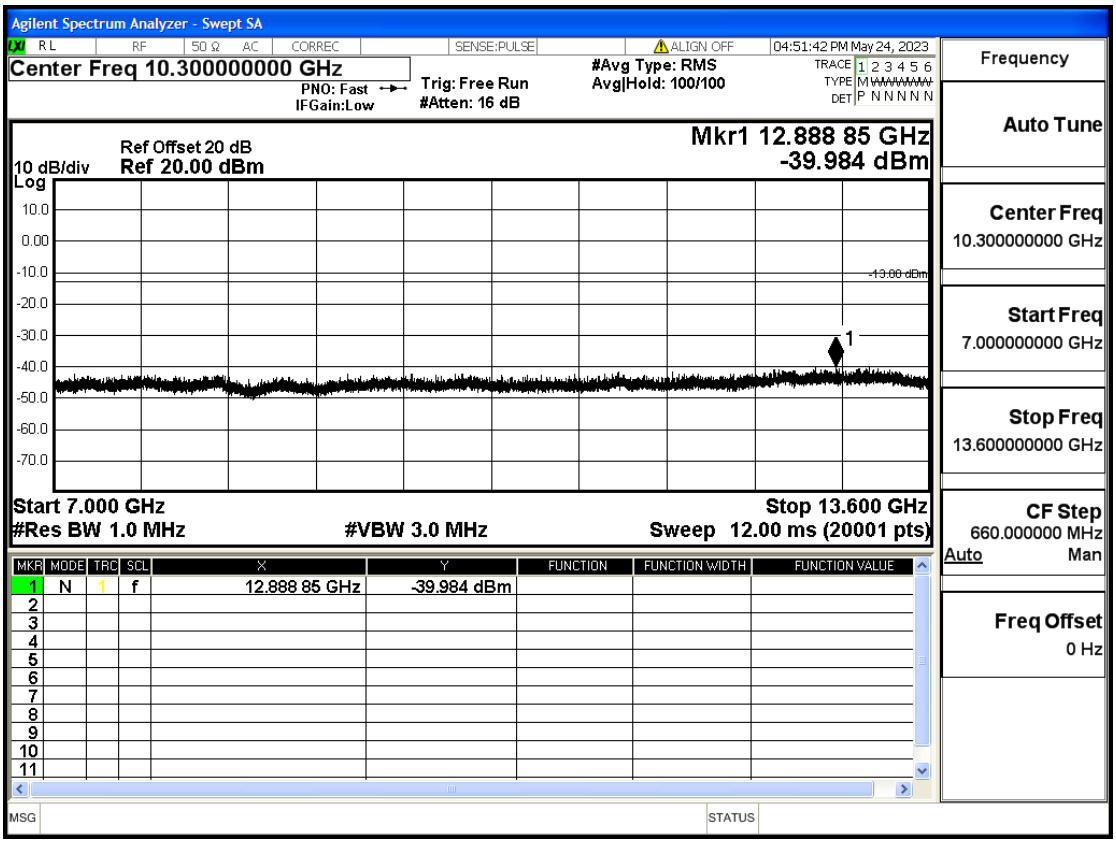
OB2-20-1860-Q16-100#LOW@30mHz-1GHz@Pass



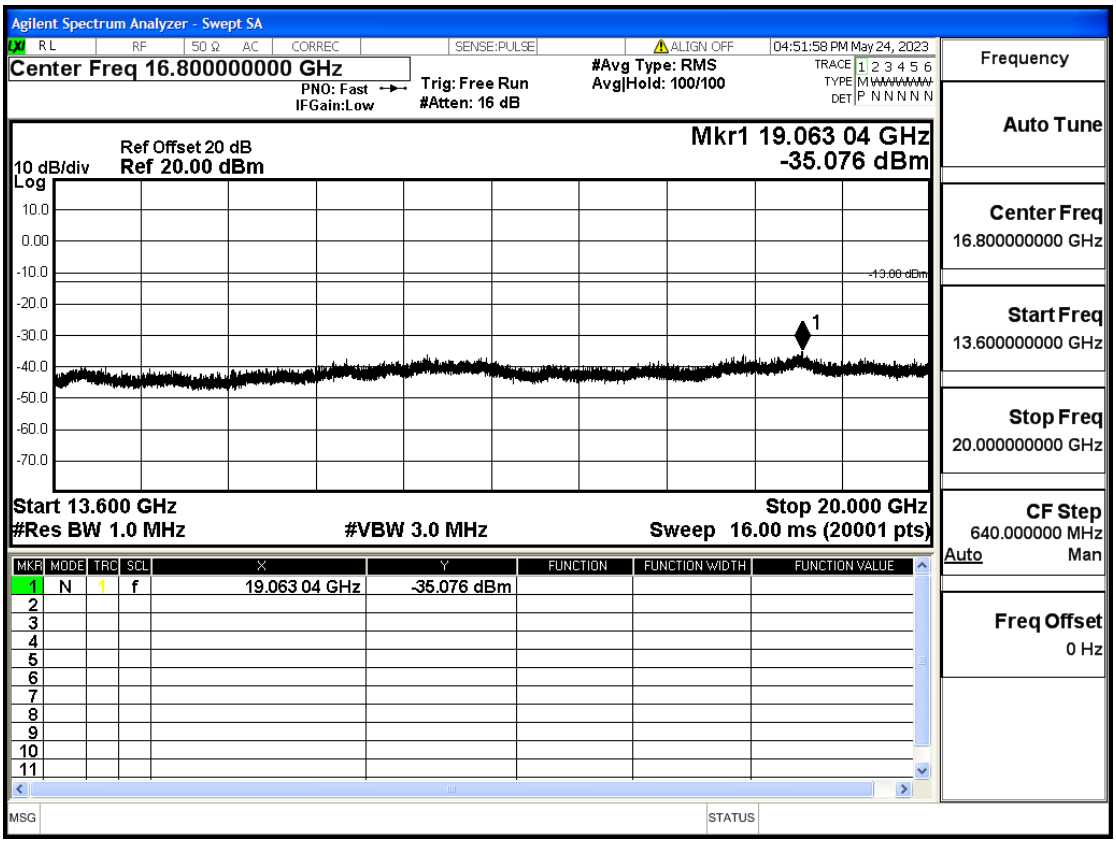
OB2-20-1860-Q16-100#LOW@1GHz-7GHz@Pass



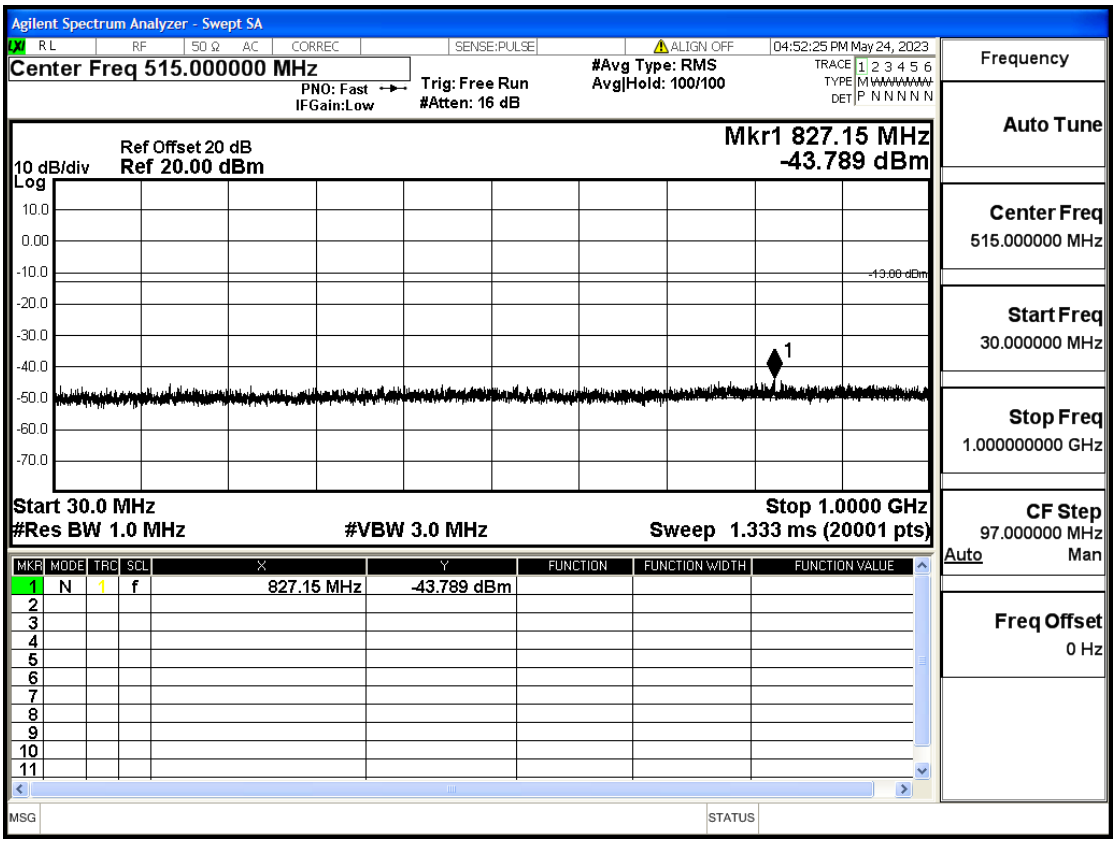
OB2-20-1860-Q16-100#LOW@7GHz-13.6GHz@Pass



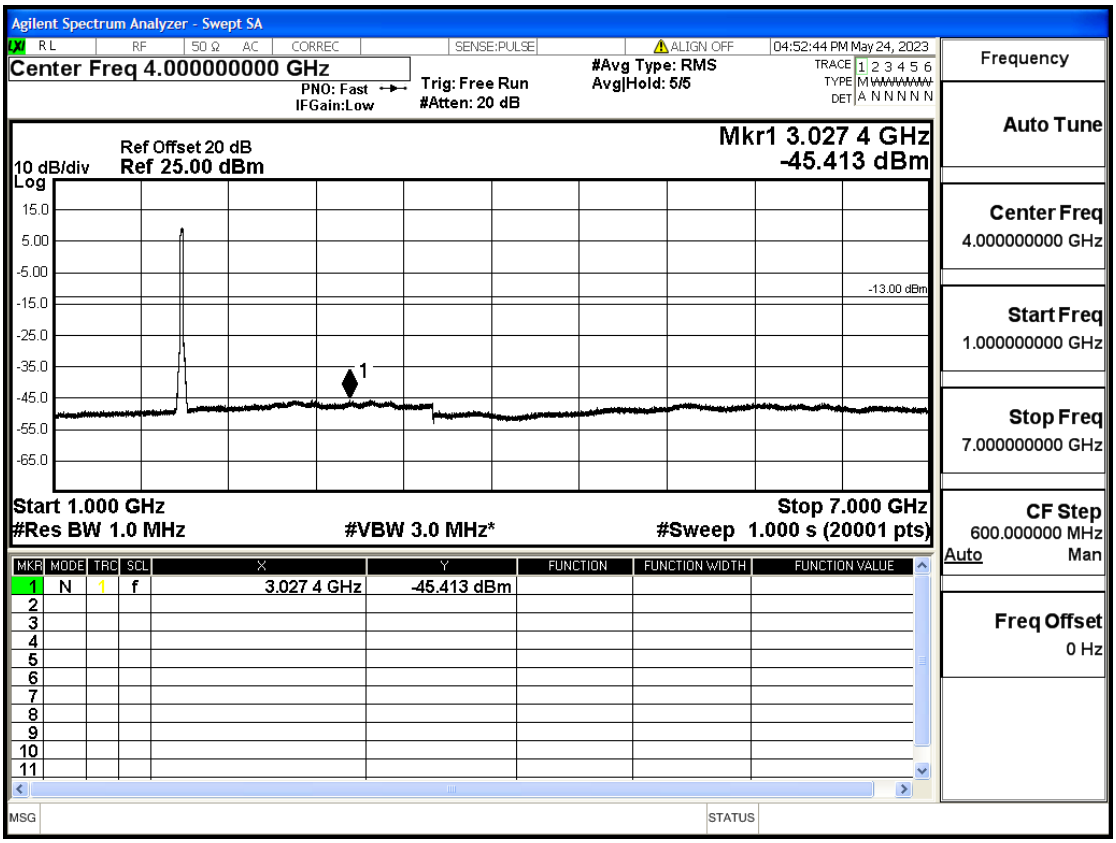
OB2-20-1860-Q16-100#LOW@13.6GHz-20GHz@Pass



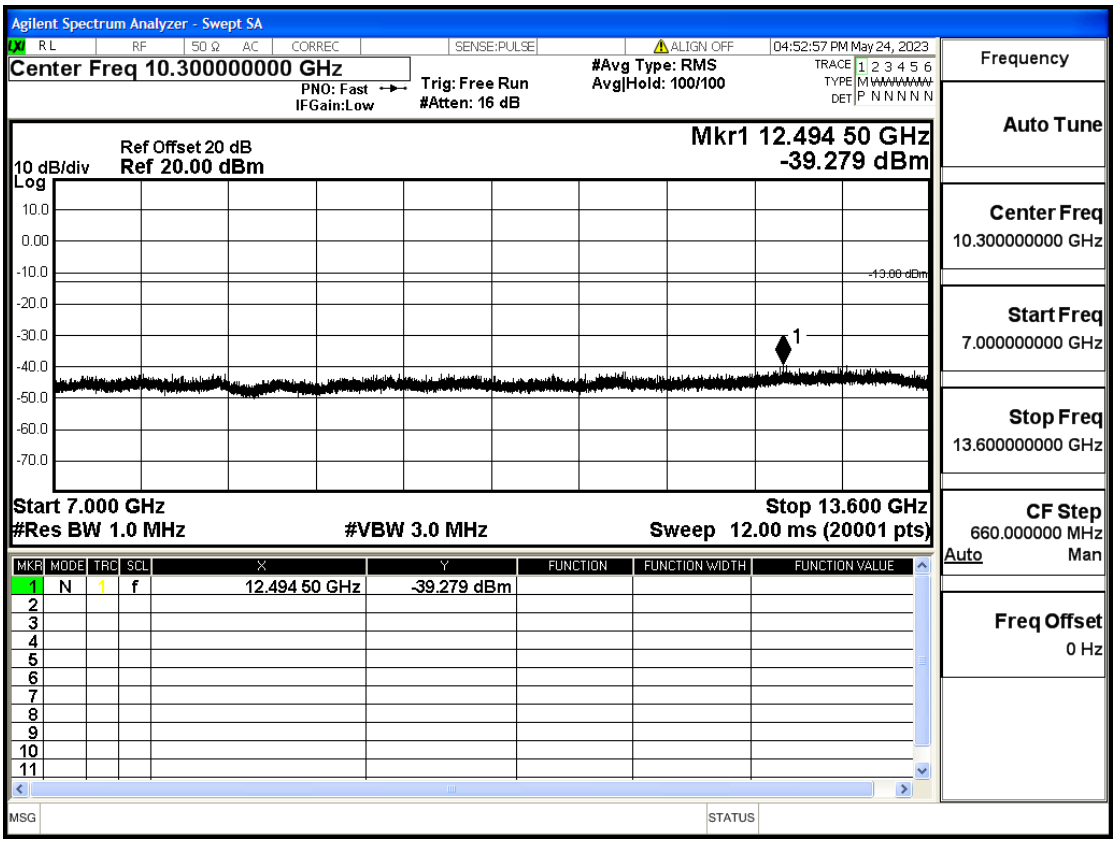
OB2-20-1880-Q16-100#LOW@30mHz-1GHz@Pass



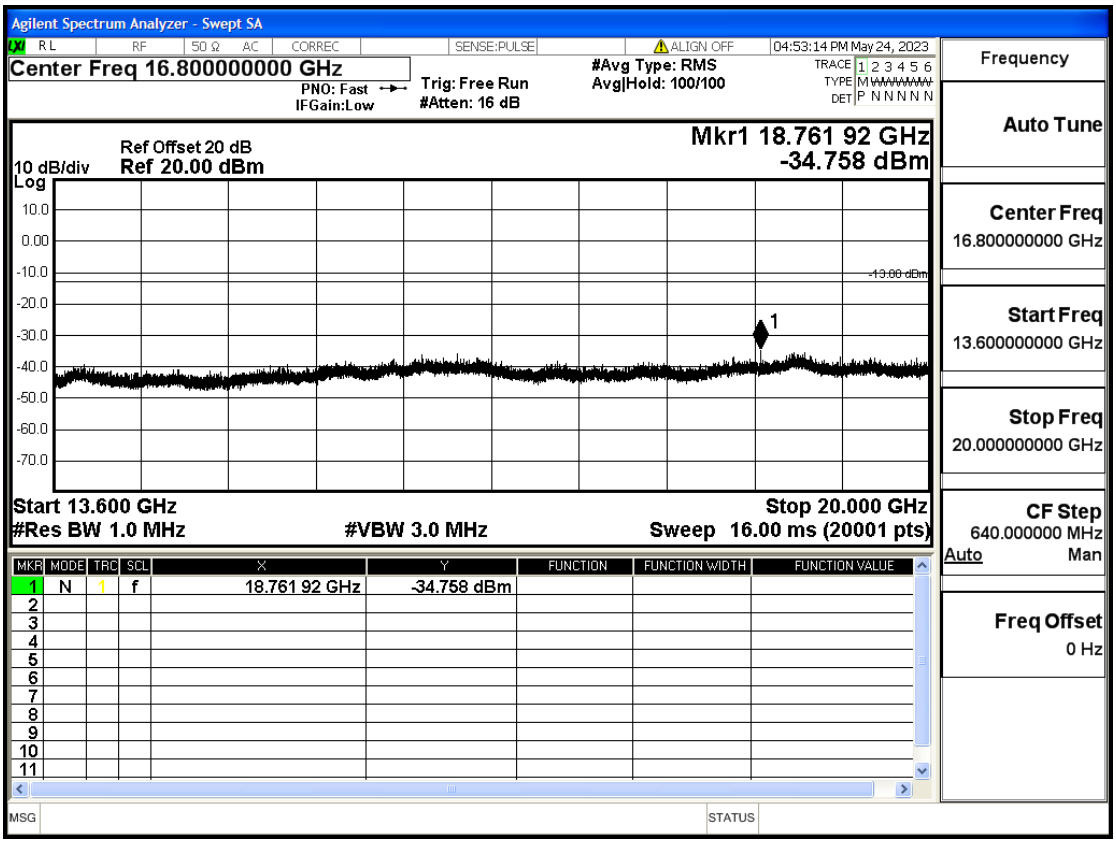
OB2-20-1880-Q16-100#LOW@1GHz-7GHz@Pass



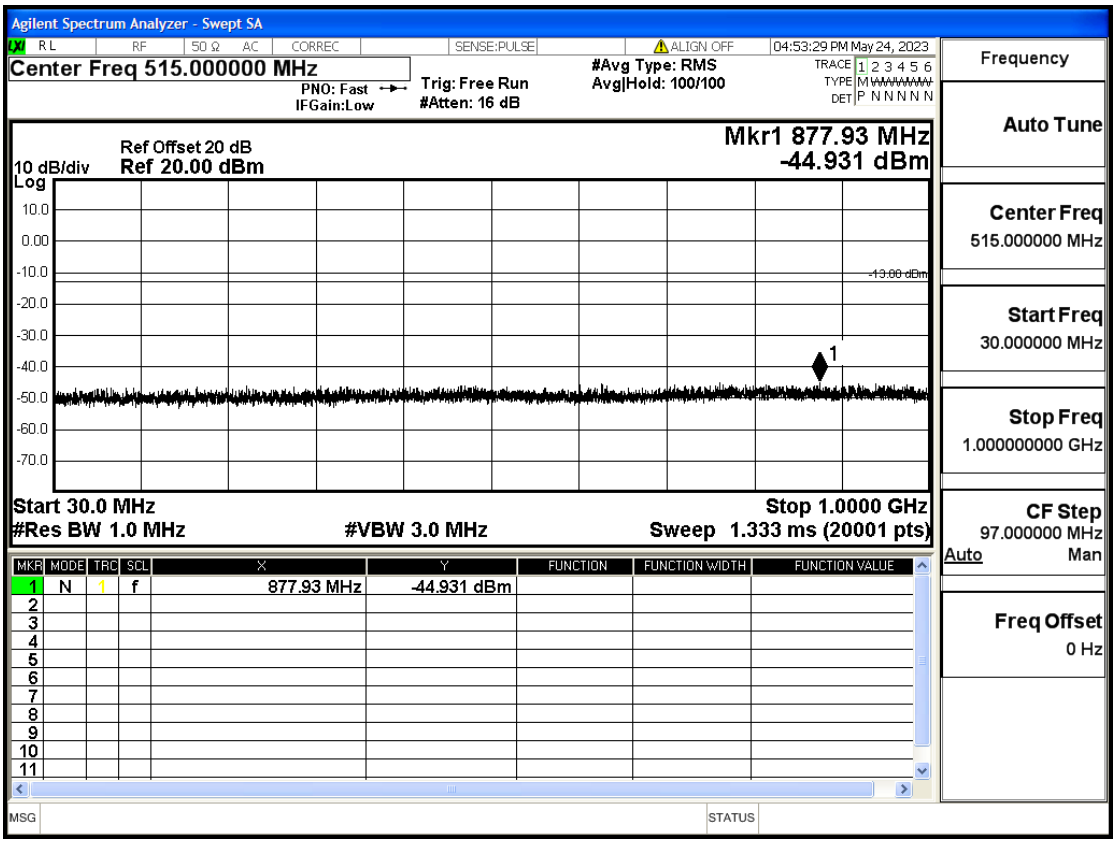
OB2-20-1880-Q16-100#LOW@7GHz-13.6GHz@Pass



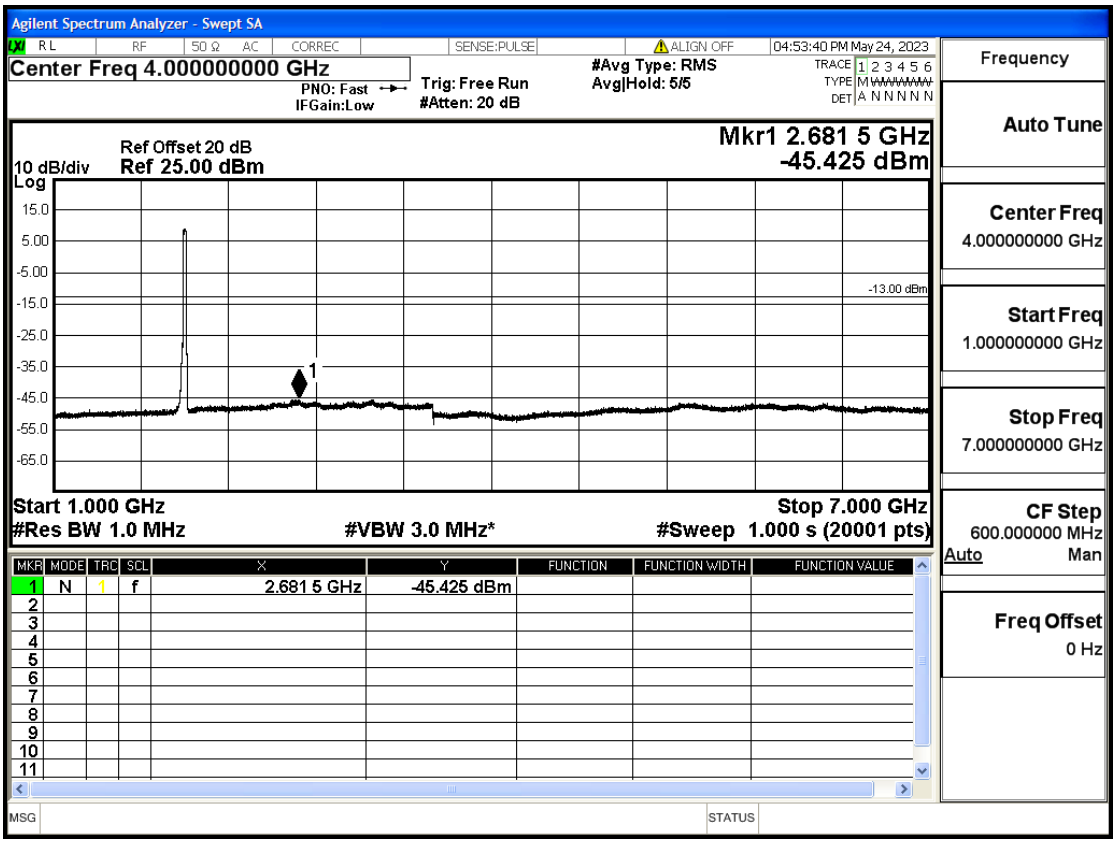
OB2-20-1880-Q16-100#LOW@13.6GHz-20GHz@Pass



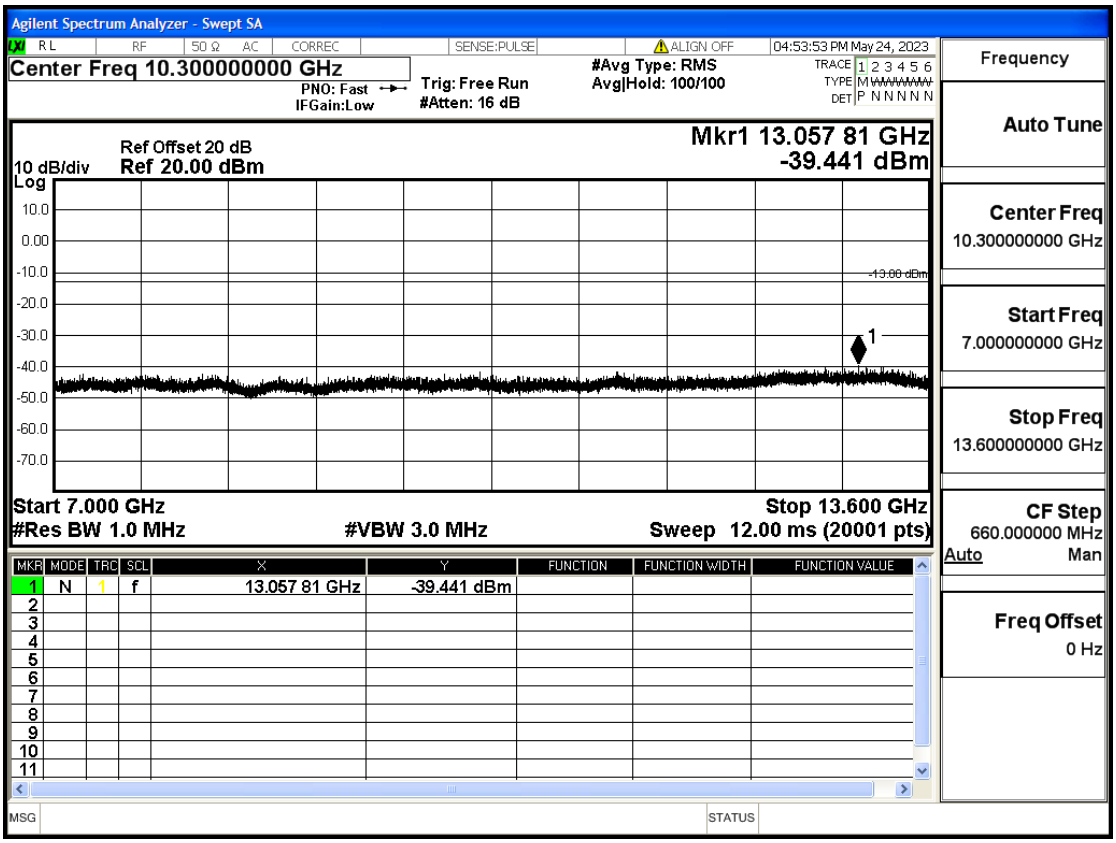
OB2-20-1900-Q16-100#LOW@30mHz-1GHz@Pass



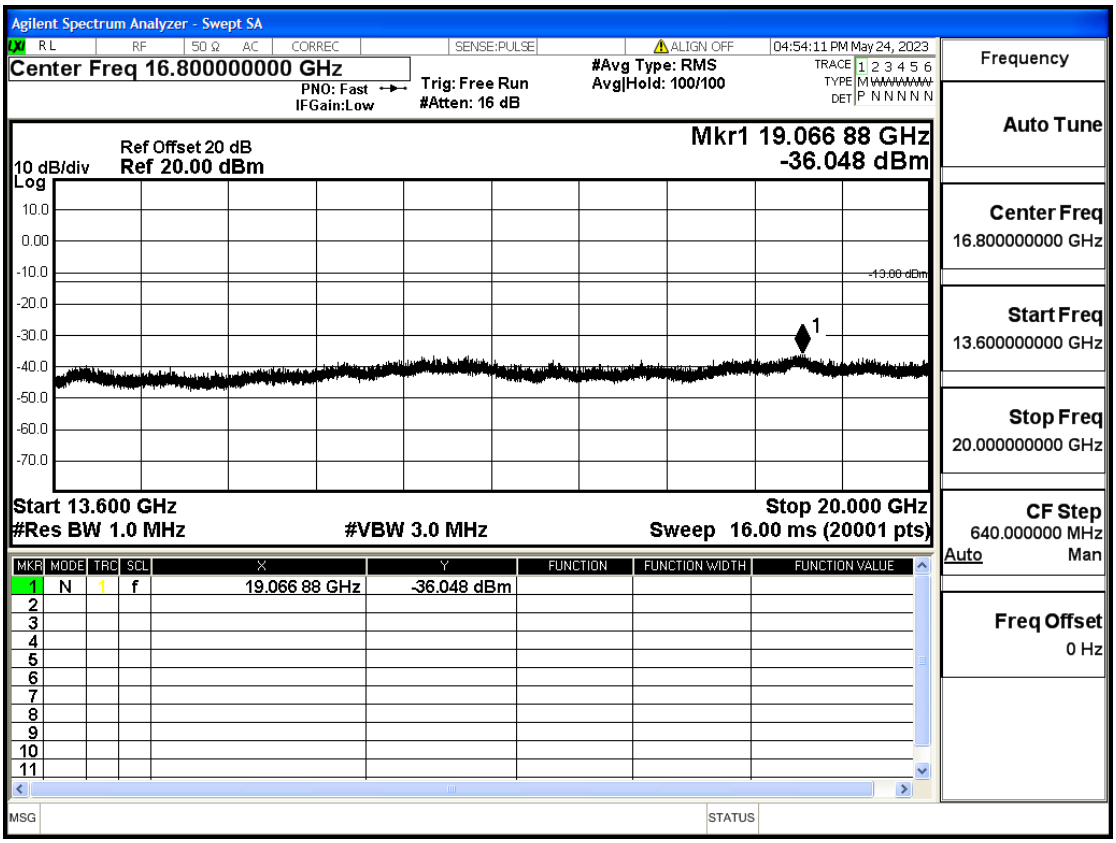
OB2-20-1900-Q16-100#LOW@1GHz-7GHz@Pass



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



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



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	1121.1	1366	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1111.8	1303	No limit
Band2	1.4	1880	QPSK	6	LOW	1108.6	1303	No limit
Band2	1.4	1880	16QAM	6	LOW	1129.2	1303	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1104.1	1326	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1128.8	1310	No limit
Band2	3	1851.5	QPSK	15	LOW	2757.3	3077	No limit
Band2	3	1851.5	16QAM	15	LOW	2769.4	3306	No limit
Band2	3	1880	QPSK	15	LOW	2771.4	3083	No limit
Band2	3	1880	16QAM	15	LOW	2768.9	3152	No limit
Band2	3	1908.5	QPSK	15	LOW	2761	3237	No limit
Band2	3	1908.5	16QAM	15	LOW	2783	3189	No limit
Band2	5	1852.5	QPSK	25	LOW	4580.4	6083	No limit
Band2	5	1852.5	16QAM	25	LOW	4581.4	5318	No limit
Band2	5	1880	QPSK	25	LOW	4589.8	5310	No limit
Band2	5	1880	16QAM	25	LOW	4569.8	5492	No limit
Band2	5	1907.5	QPSK	25	LOW	4581.8	6150	No limit
Band2	5	1907.5	16QAM	25	LOW	4587.2	5599	No limit
Band2	10	1855	QPSK	50	LOW	9091.4	10270	No limit
Band2	10	1855	16QAM	50	LOW	9073	10210	No limit
Band2	10	1880	QPSK	50	LOW	9118.6	10290	No limit
Band2	10	1880	16QAM	50	LOW	9109.2	10320	No limit
Band2	10	1905	QPSK	50	LOW	9062.8	10040	No limit
Band2	10	1905	16QAM	50	LOW	9142.9	10070	No limit
Band2	15	1857.5	QPSK	75	LOW	13689	16710	No limit
Band2	15	1857.5	16QAM	75	LOW	13715	15420	No limit
Band2	15	1880	QPSK	75	LOW	13666	15510	No limit
Band2	15	1880	16QAM	75	LOW	13670	15310	No limit
Band2	15	1902.5	QPSK	75	LOW	13636	15890	No limit
Band2	15	1902.5	16QAM	75	LOW	13660	15370	No limit
Band2	20	1860	QPSK	100	LOW	18235	20490	No limit
Band2	20	1860	16QAM	100	LOW	18295	20730	No limit
Band2	20	1880	QPSK	100	LOW	18251	20250	No limit
Band2	20	1880	16QAM	100	LOW	18233	20740	No limit
Band2	20	1900	QPSK	100	LOW	18152	20230	No limit
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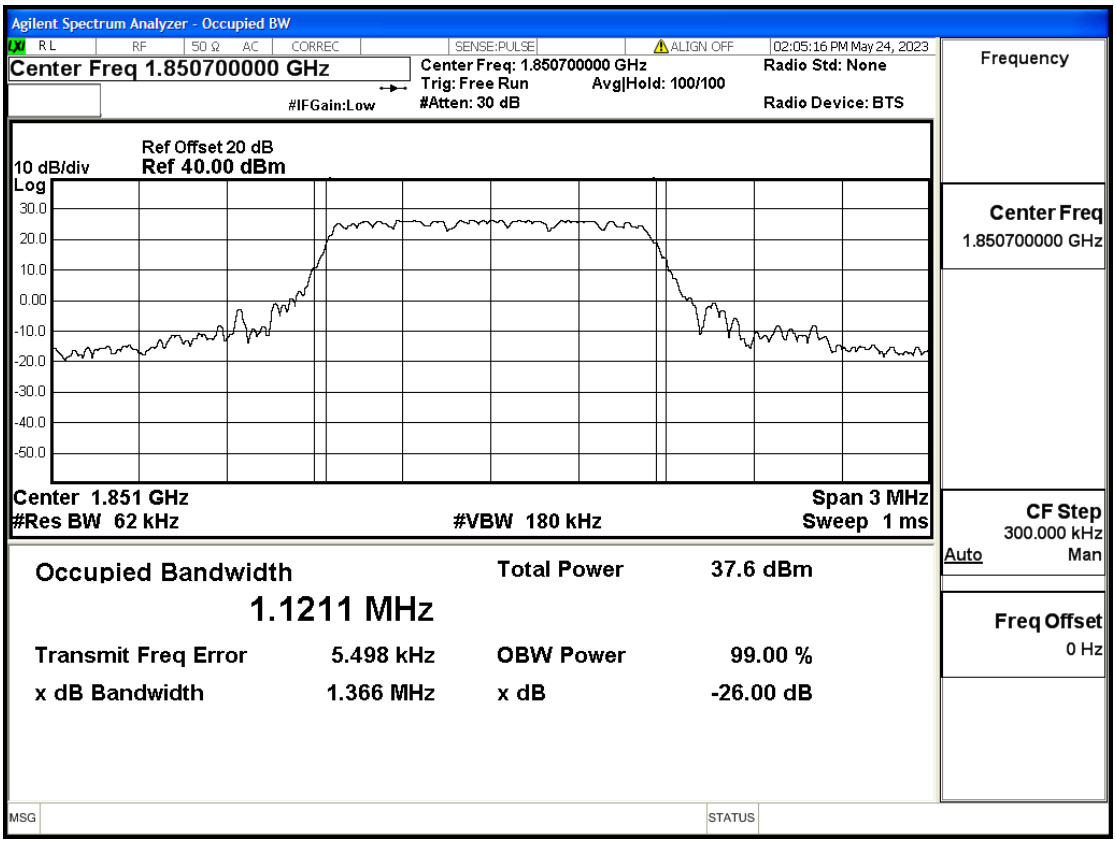
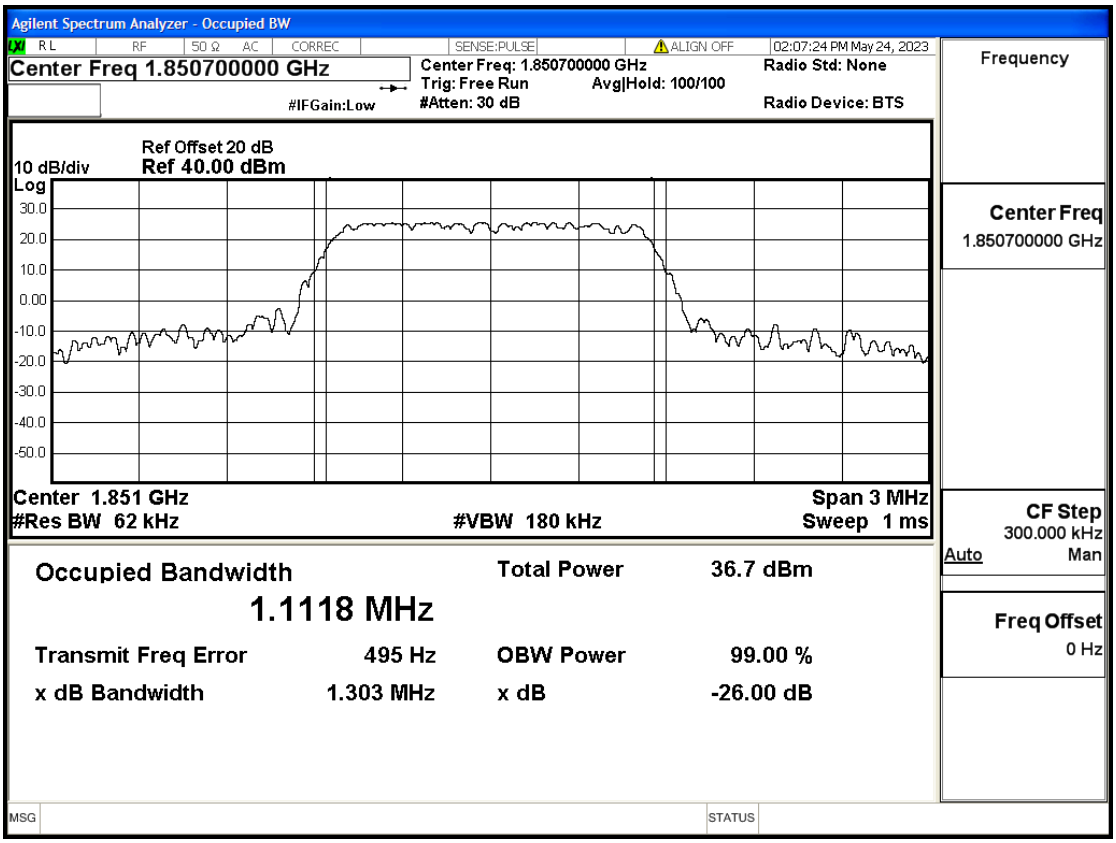
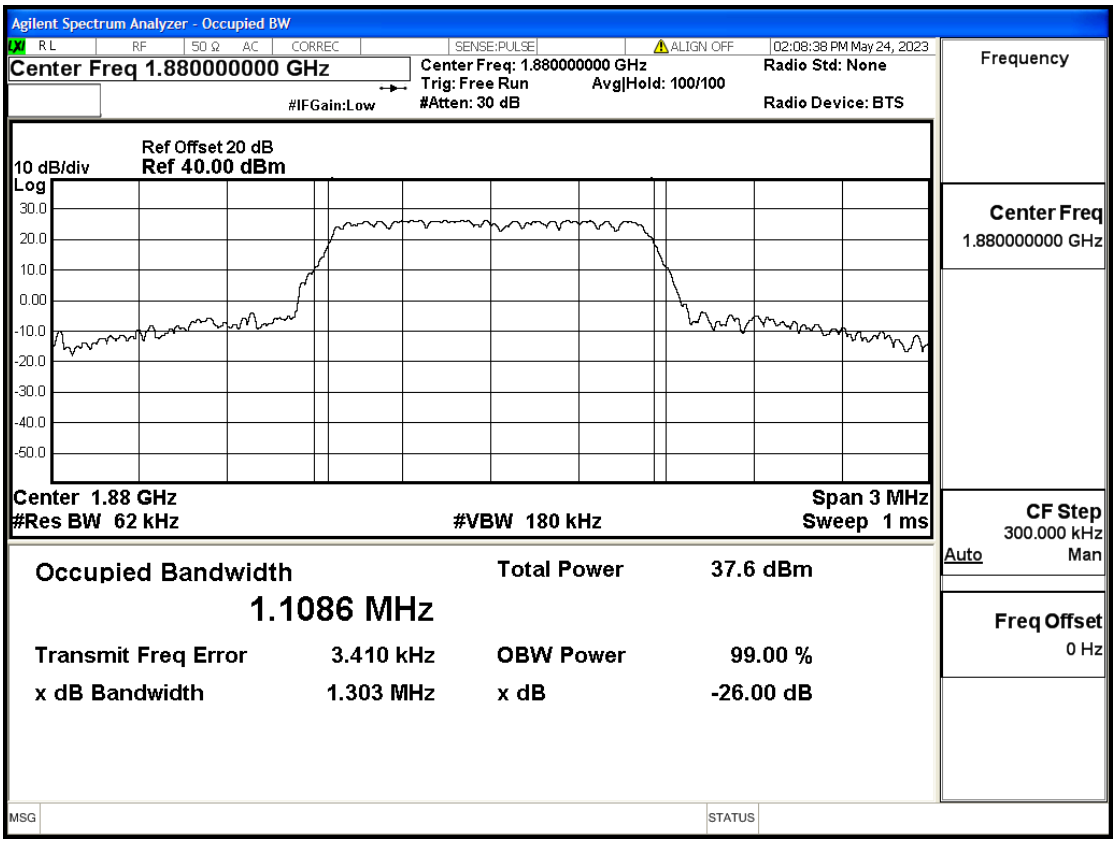
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



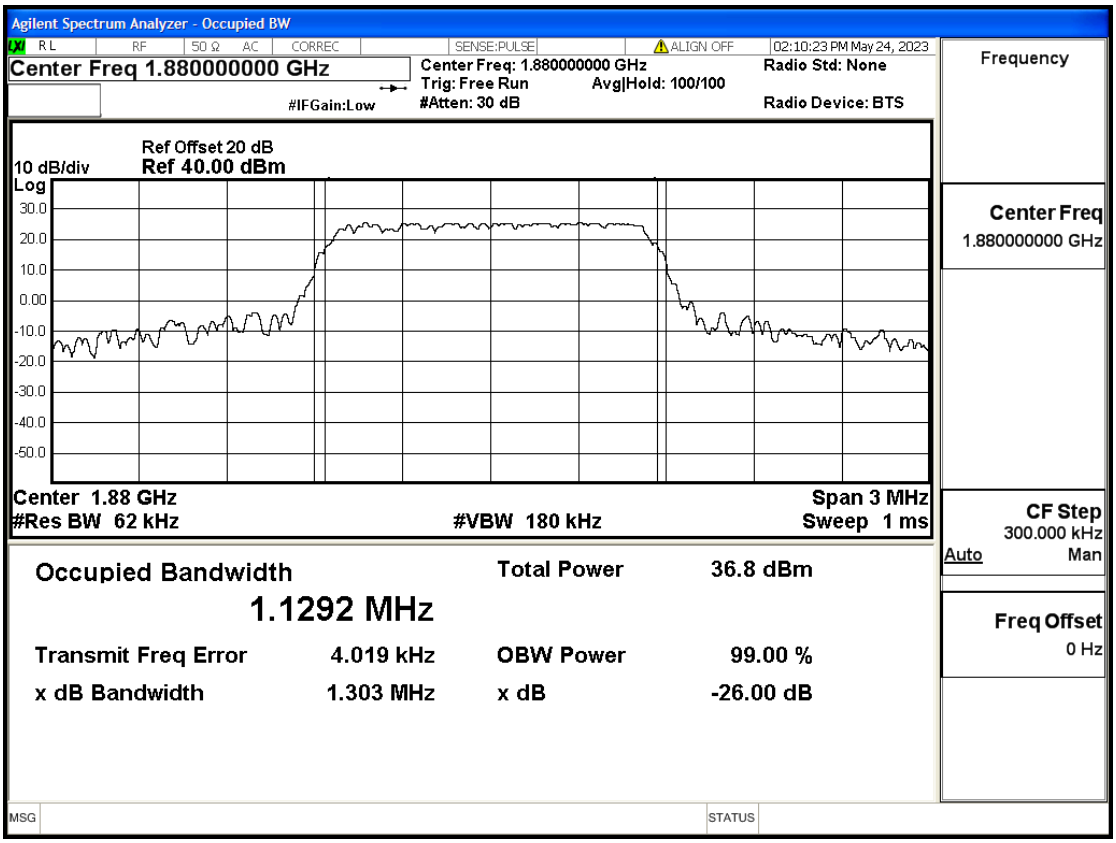
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



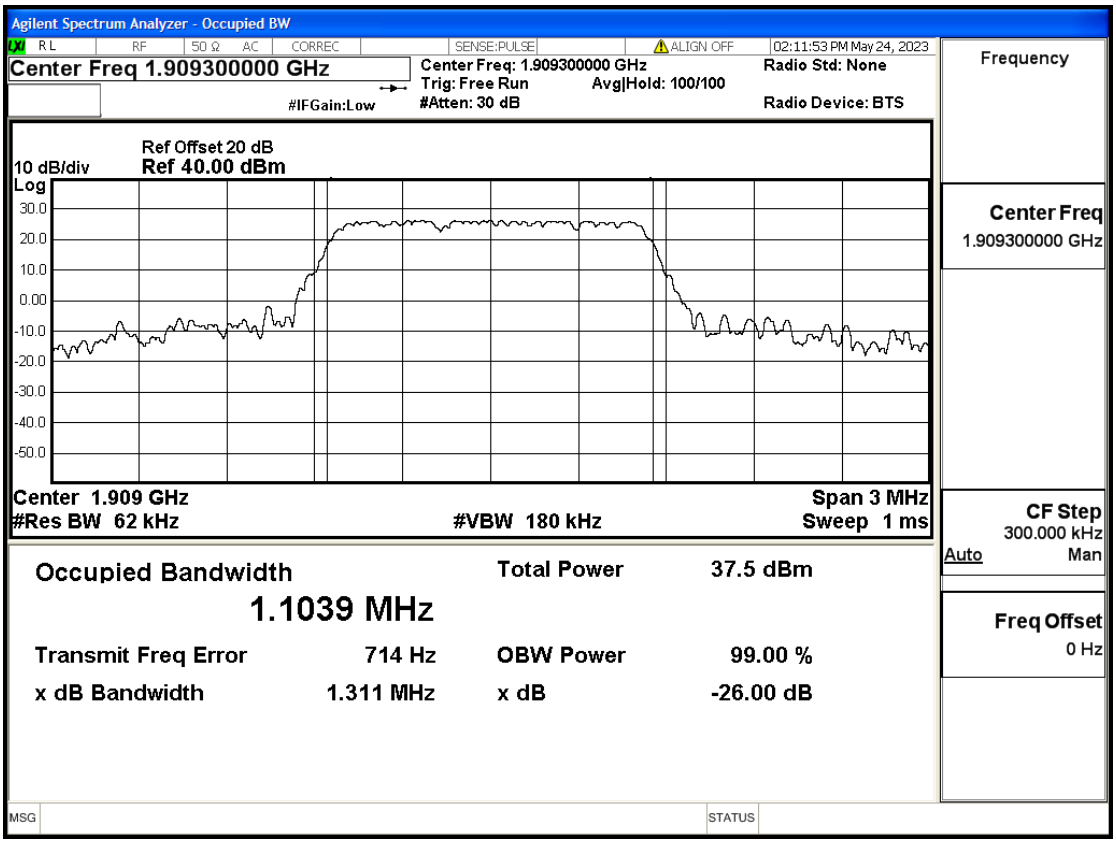
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



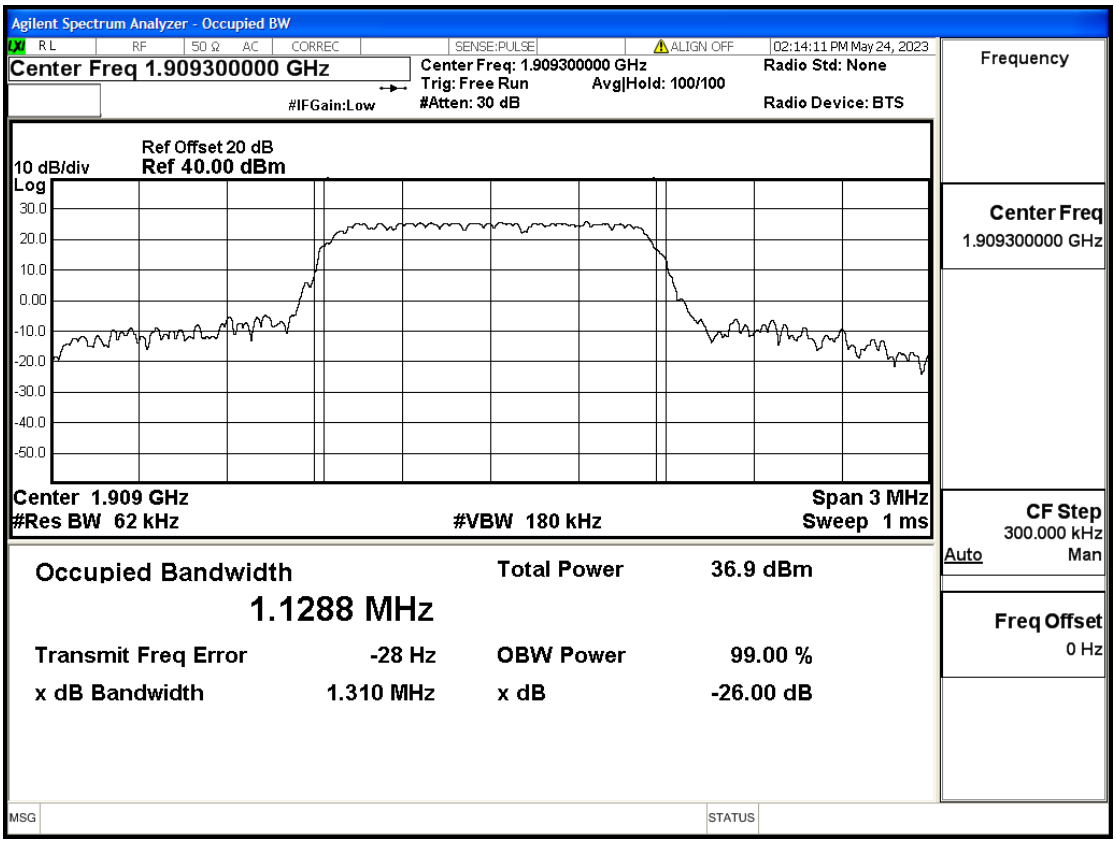
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



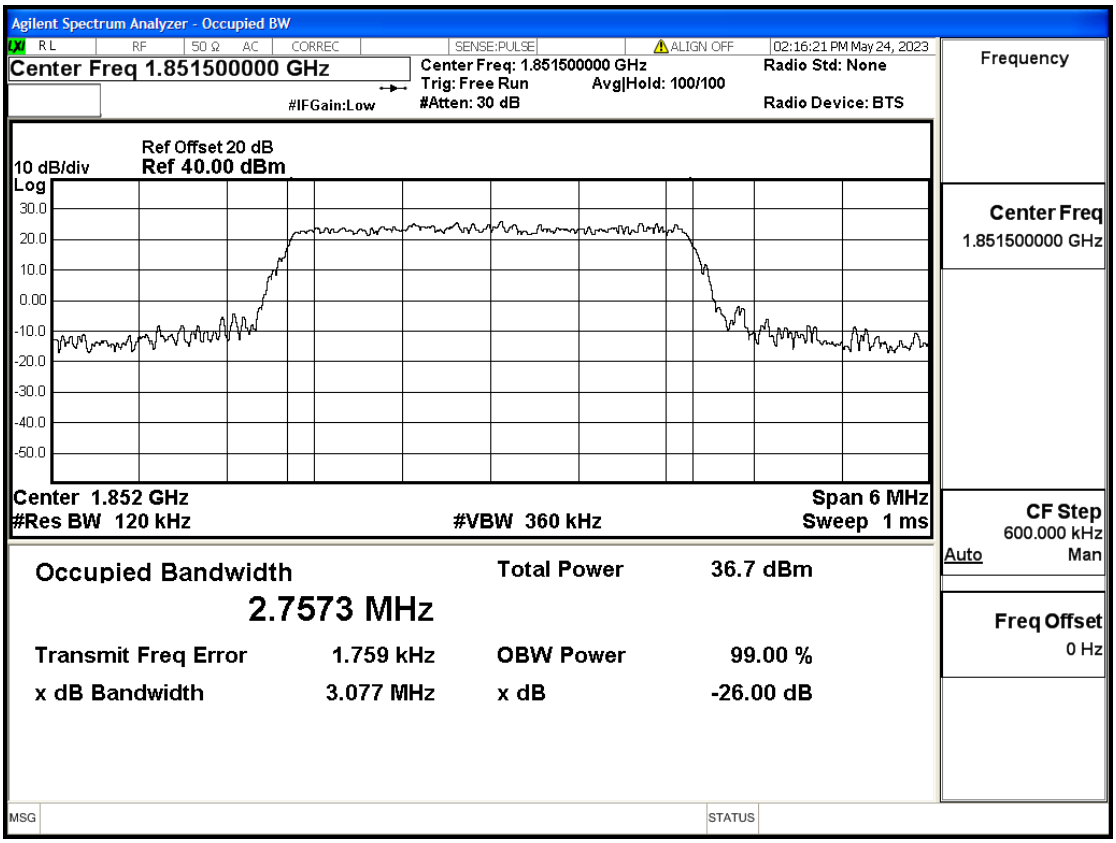
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



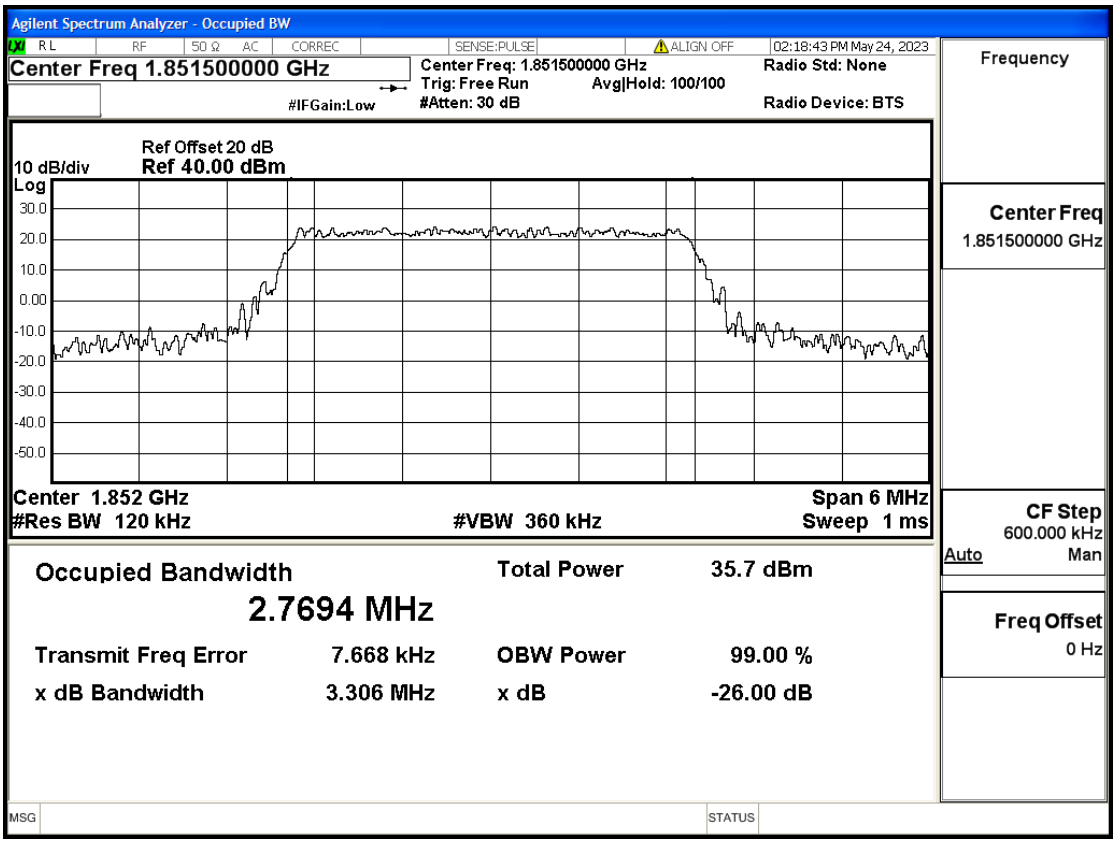
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



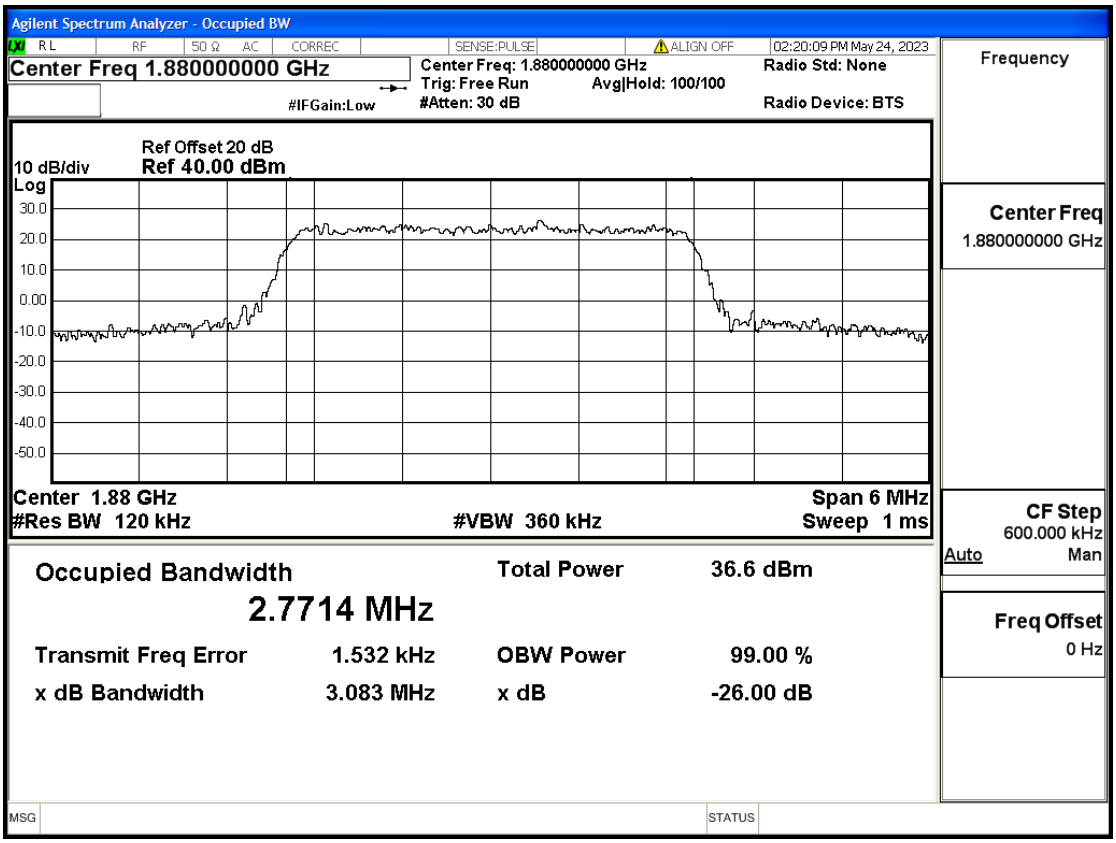
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



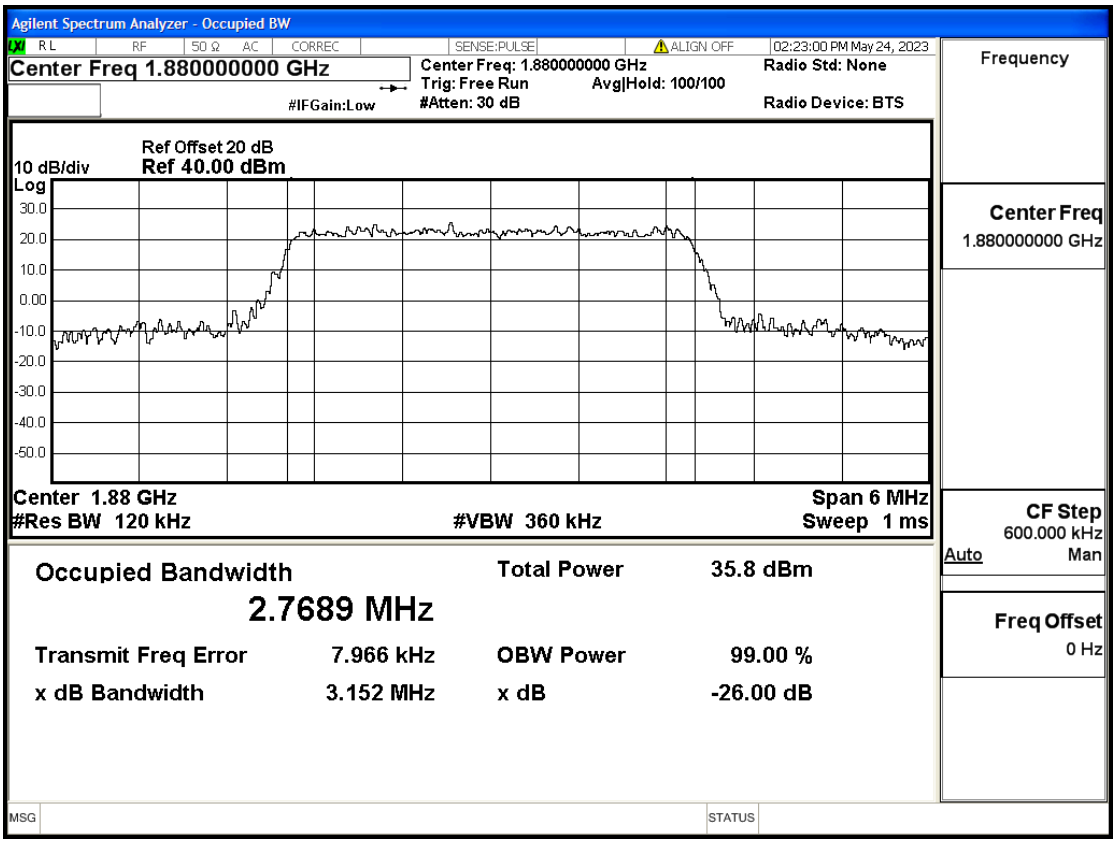
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



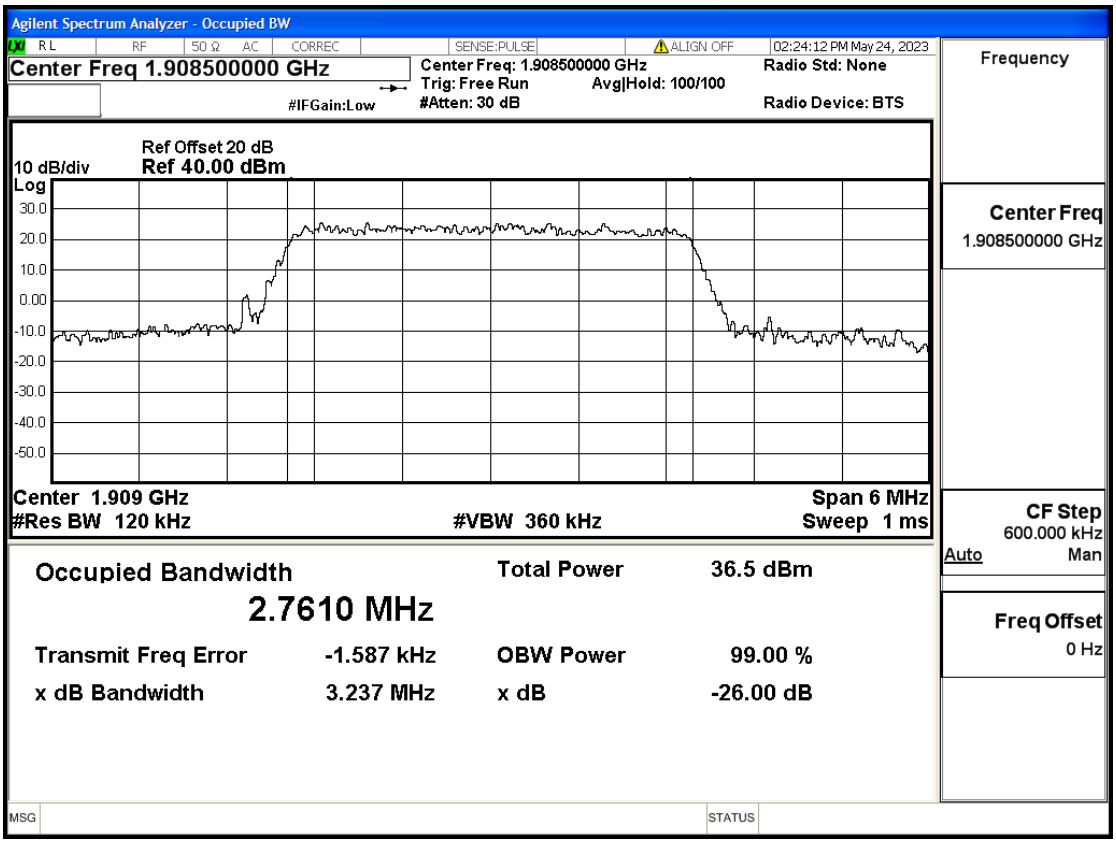
Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth



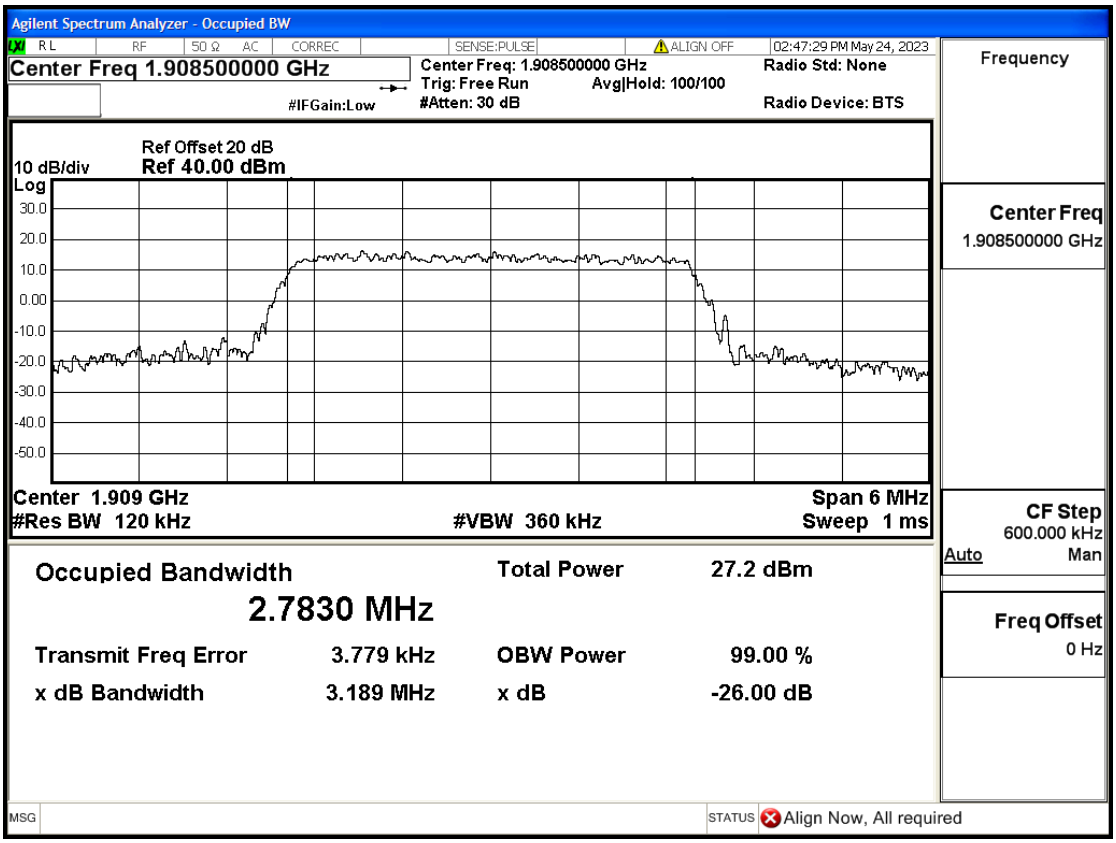
Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth



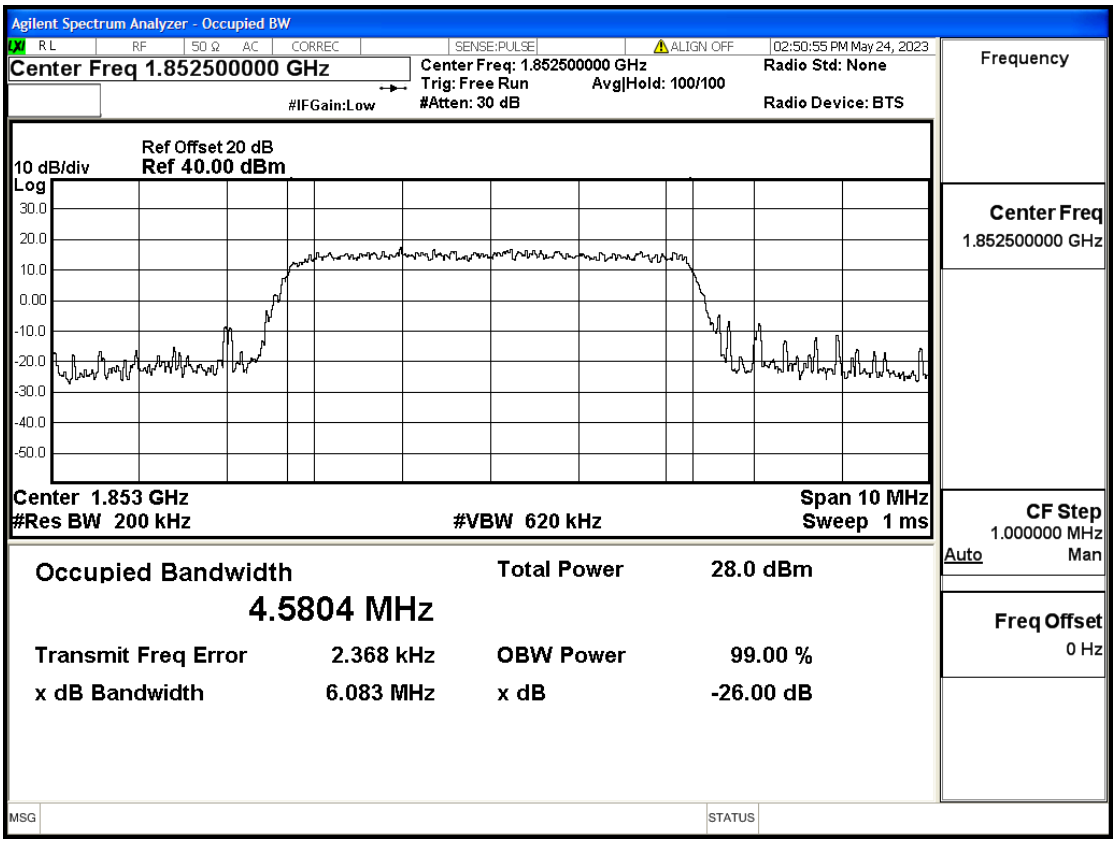
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



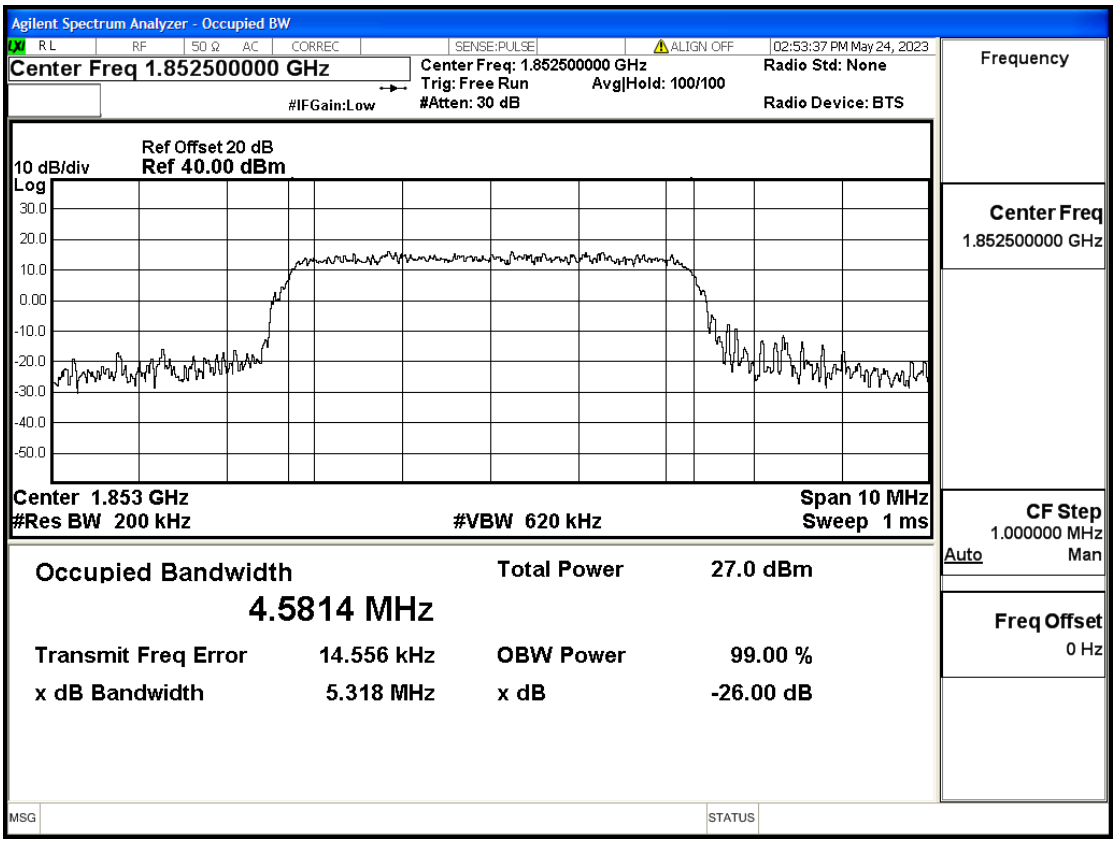
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



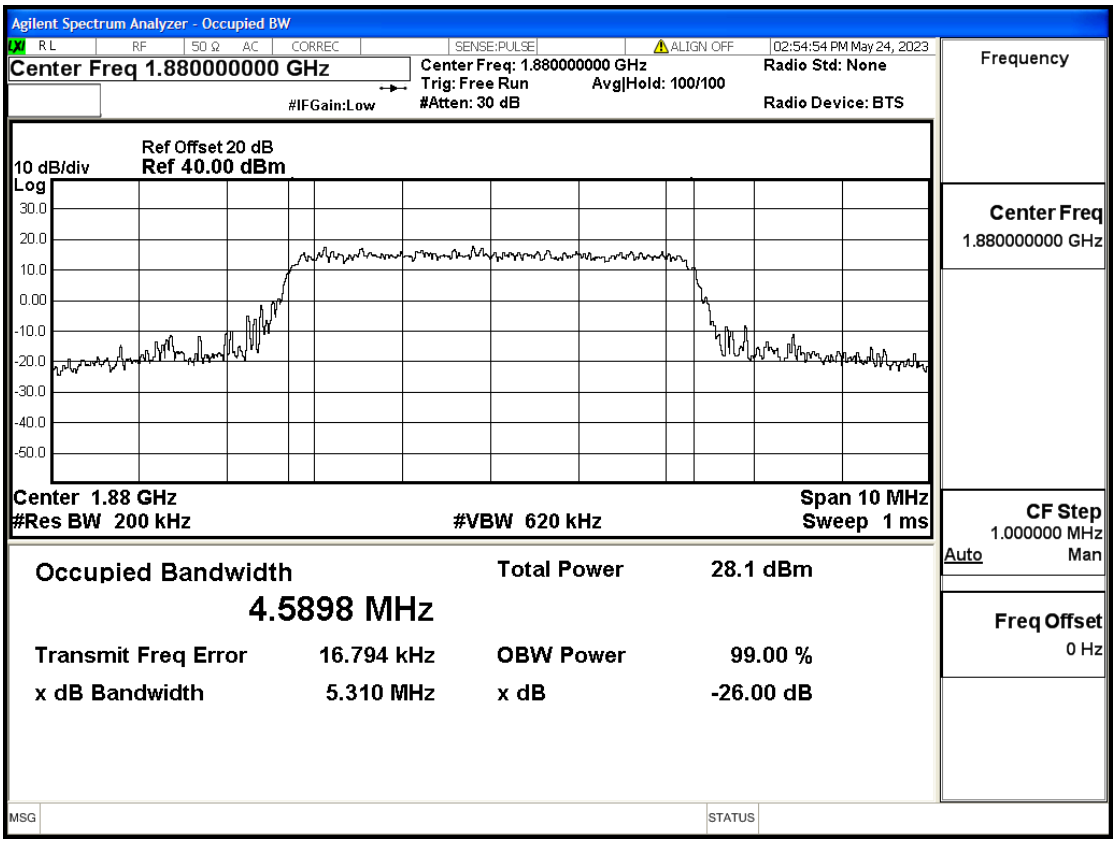
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



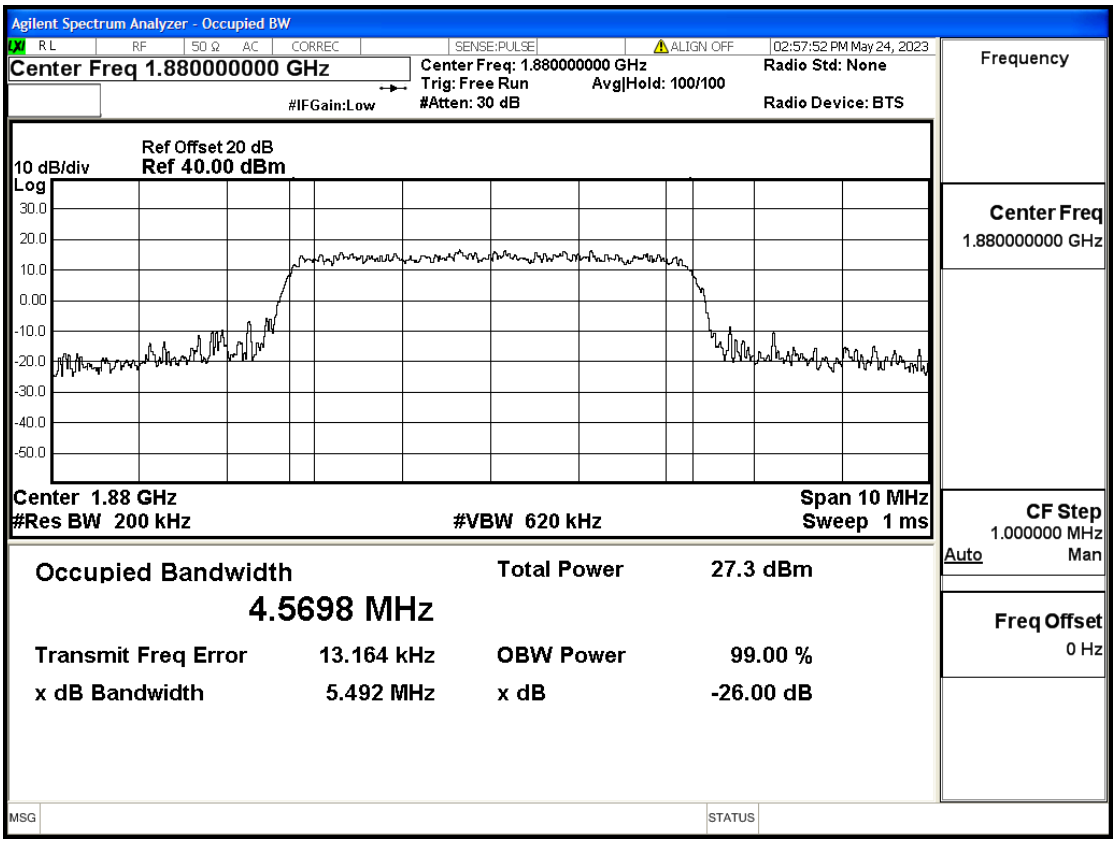
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



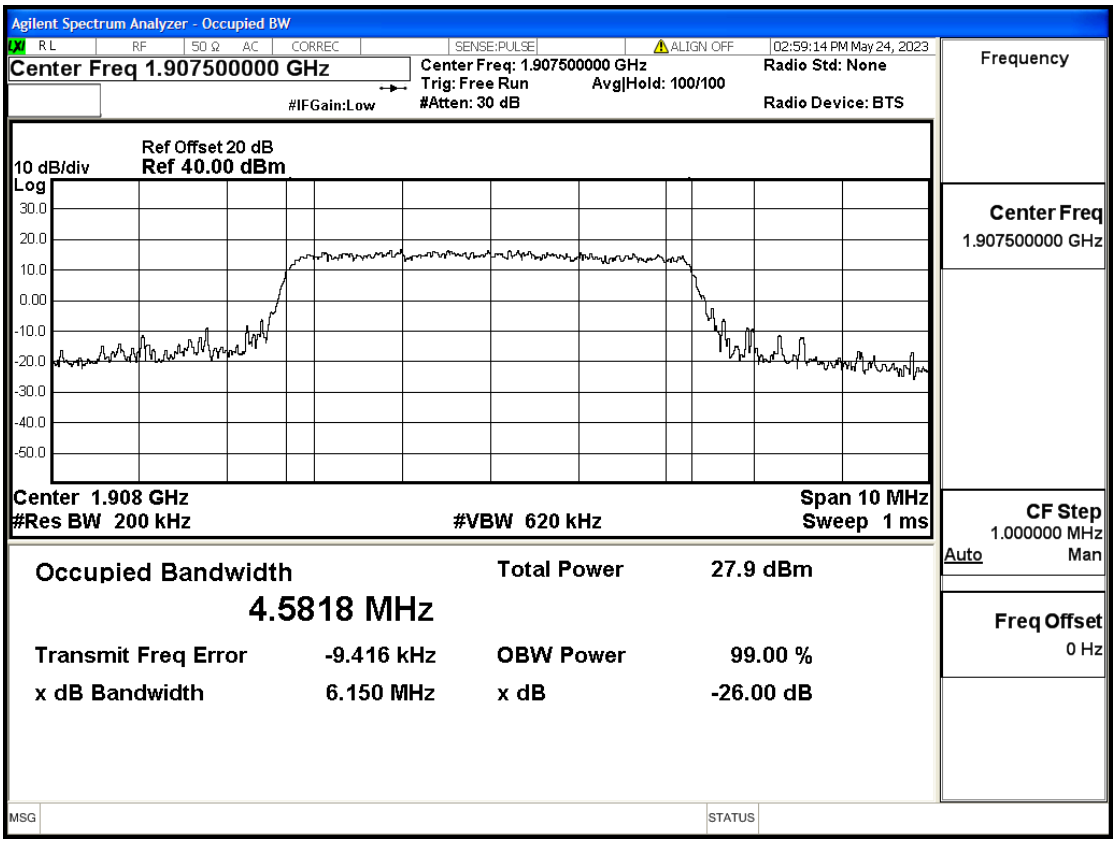
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



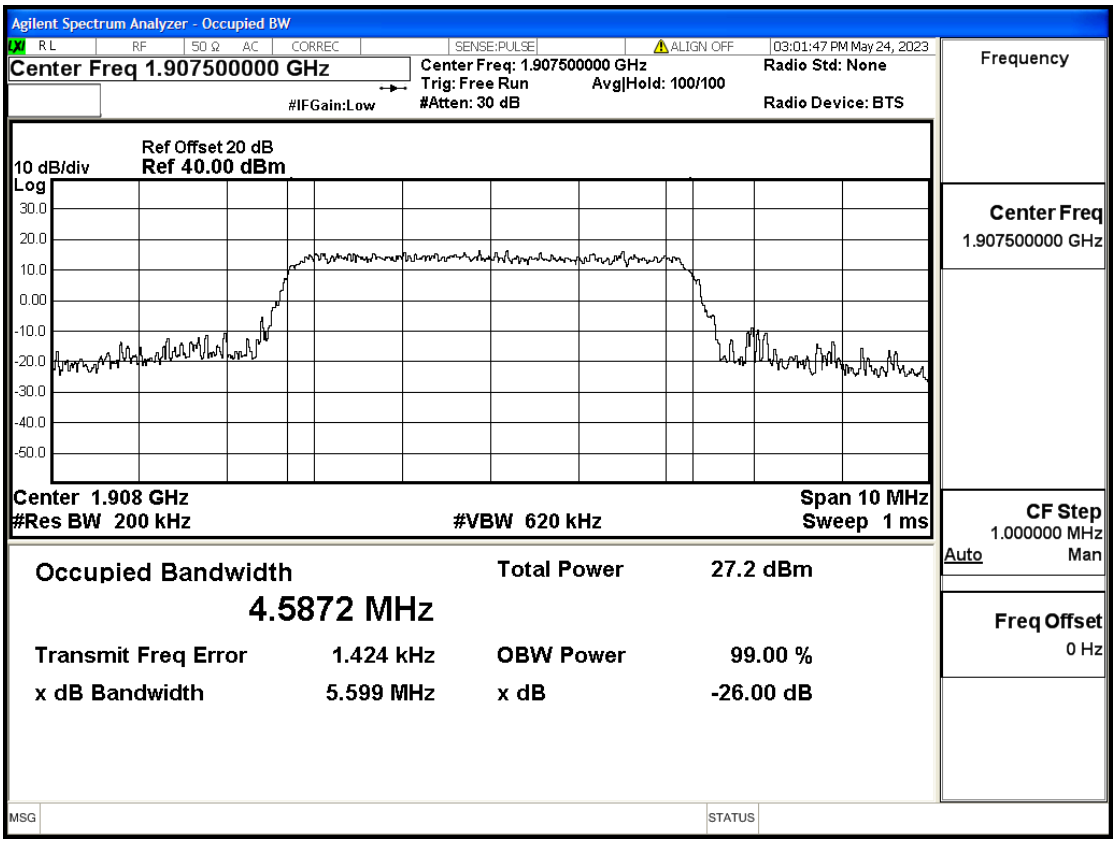
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



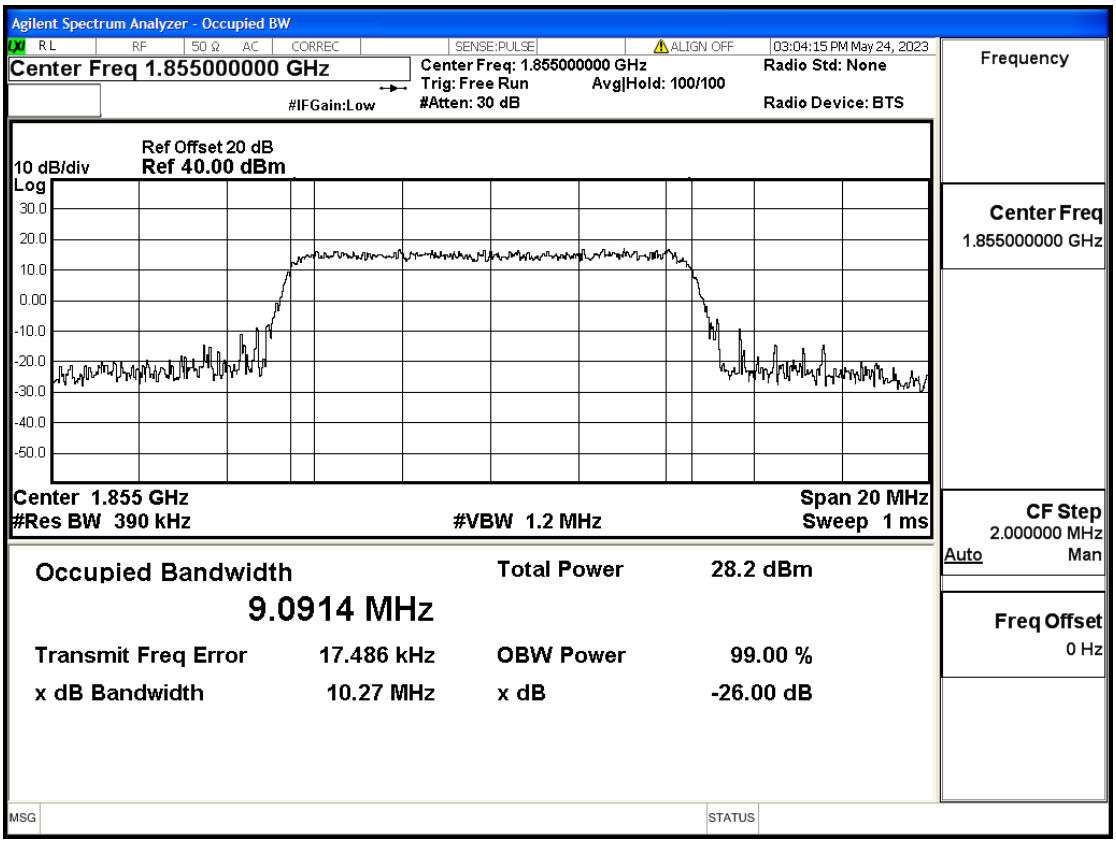
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



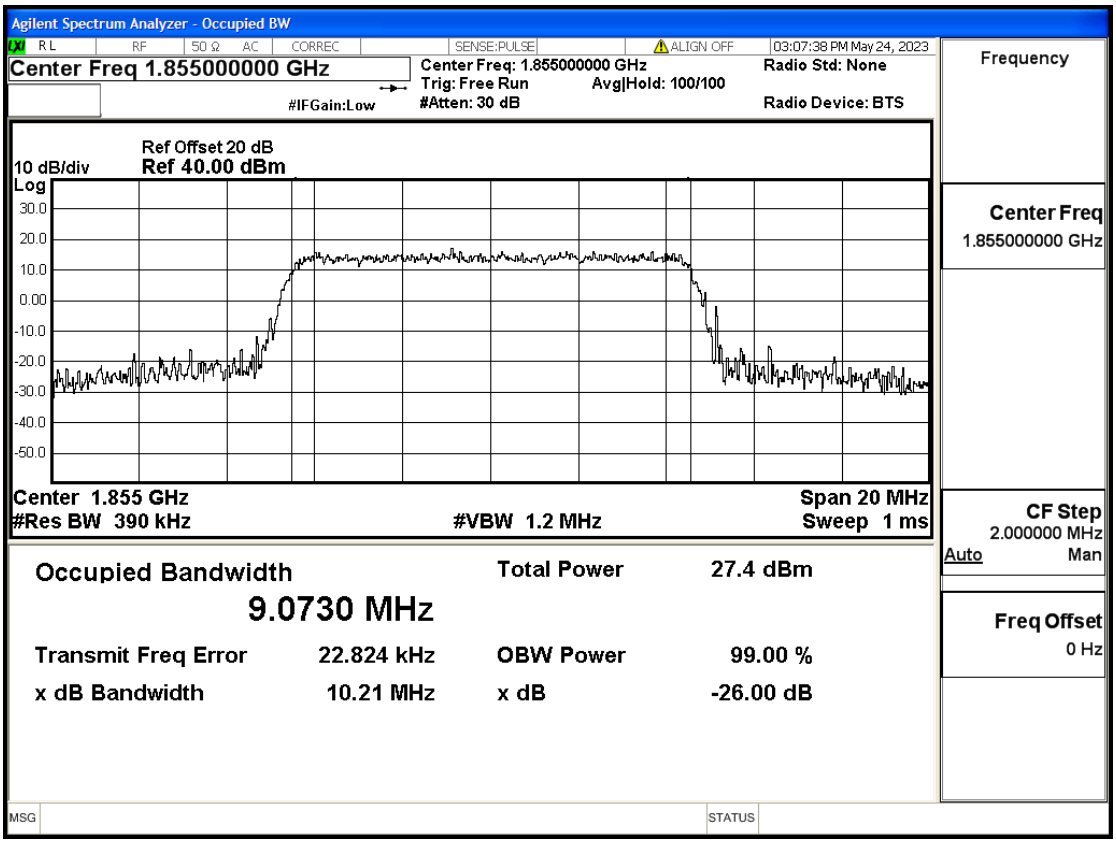
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



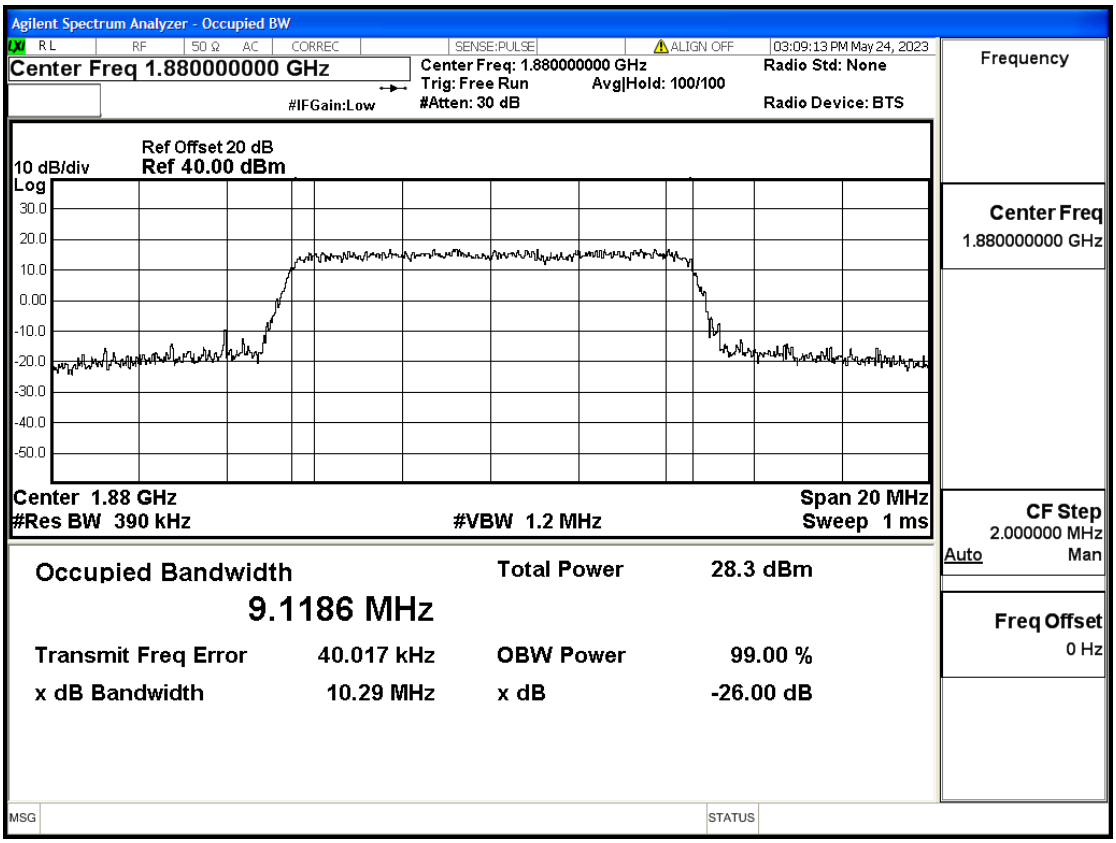
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



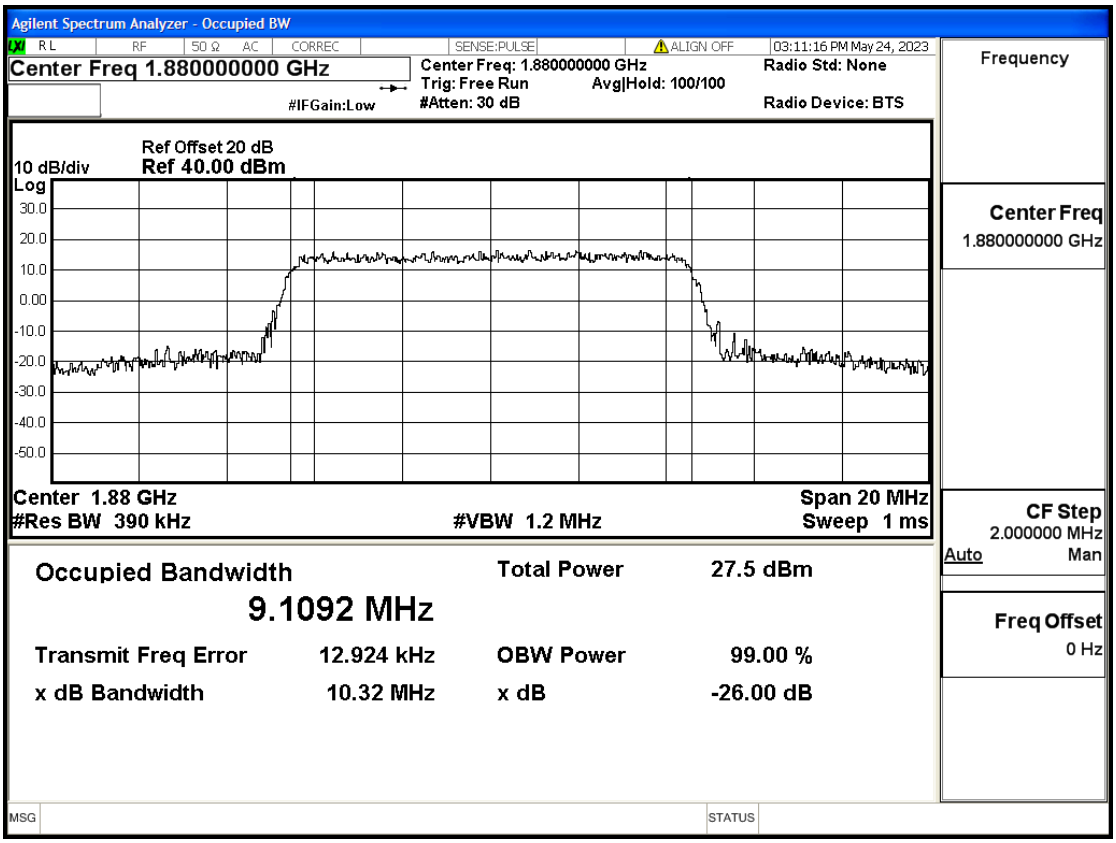
Band2-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



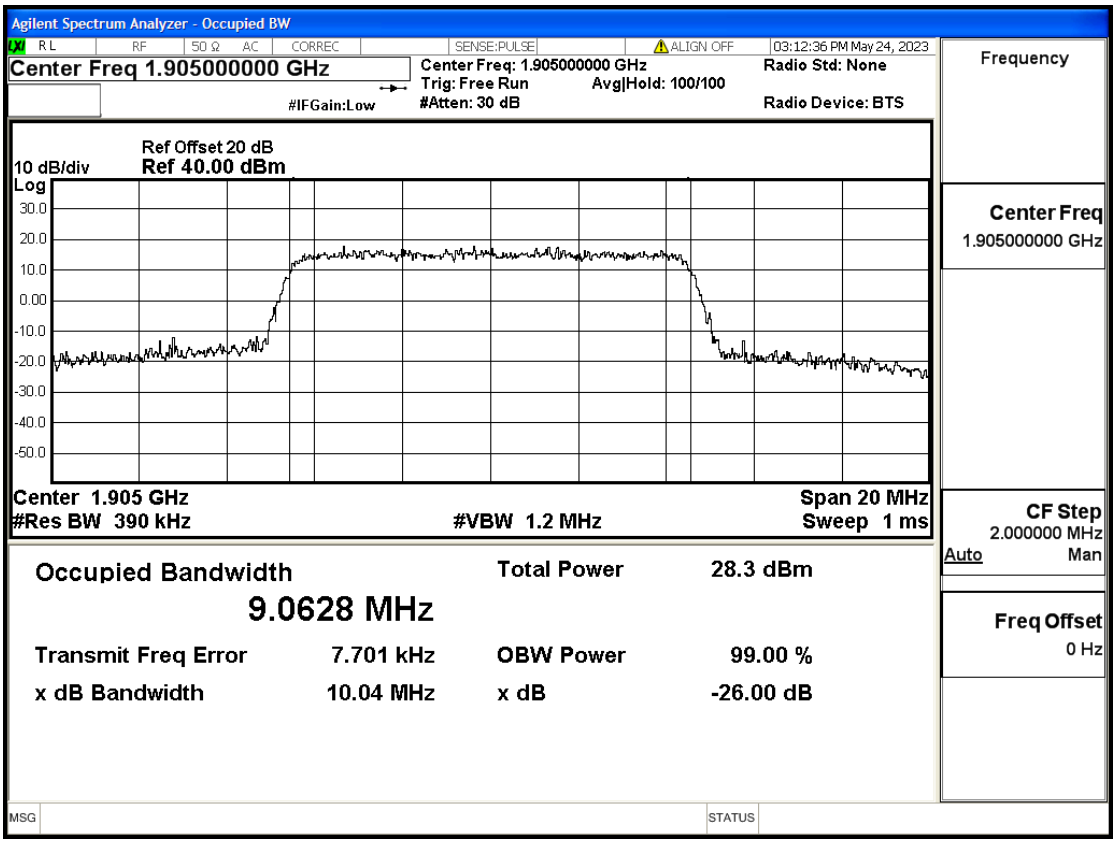
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



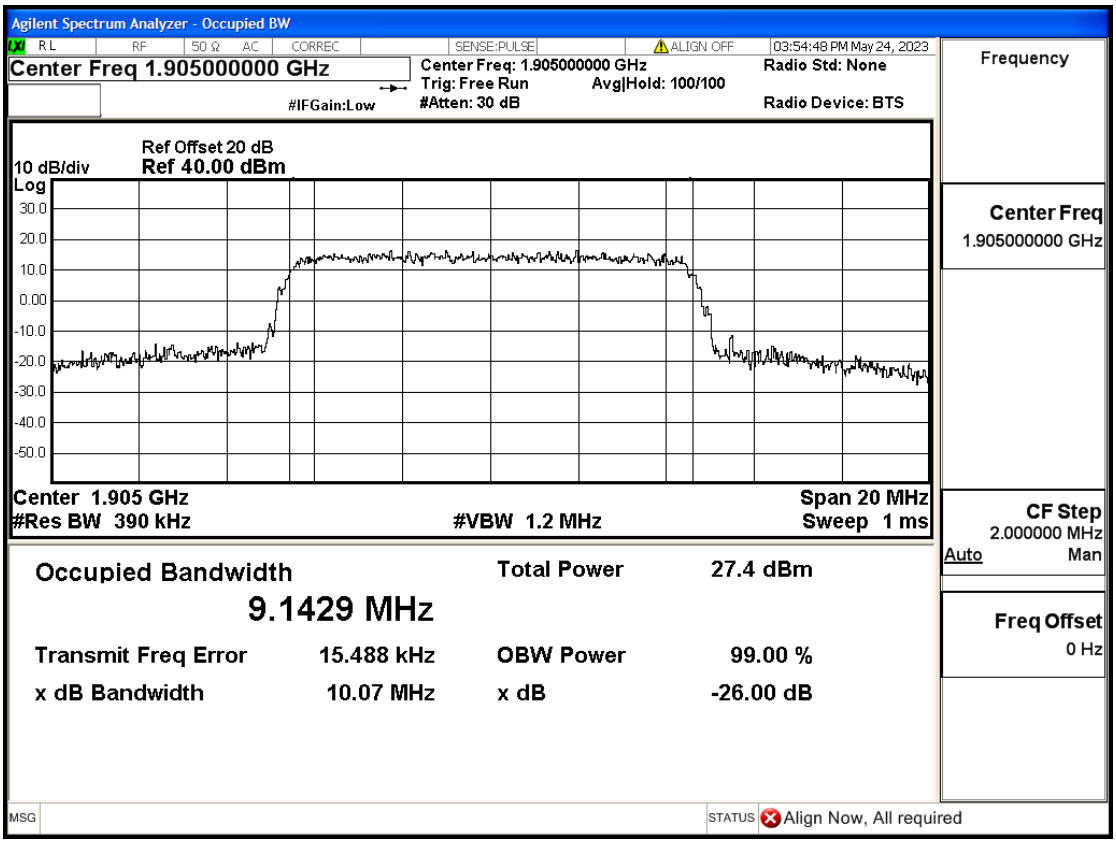
Band2-10-1880-16QAM-50#LOW@26dB and 99PCT Bandwidth



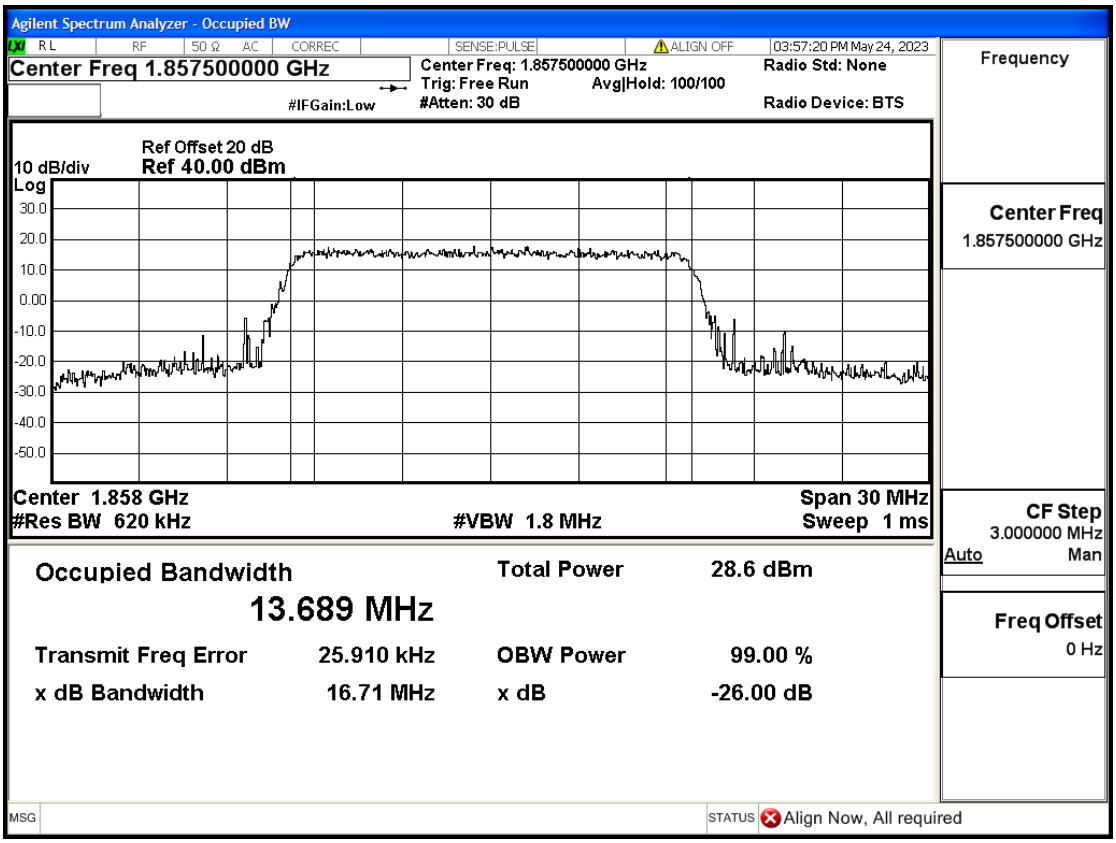
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



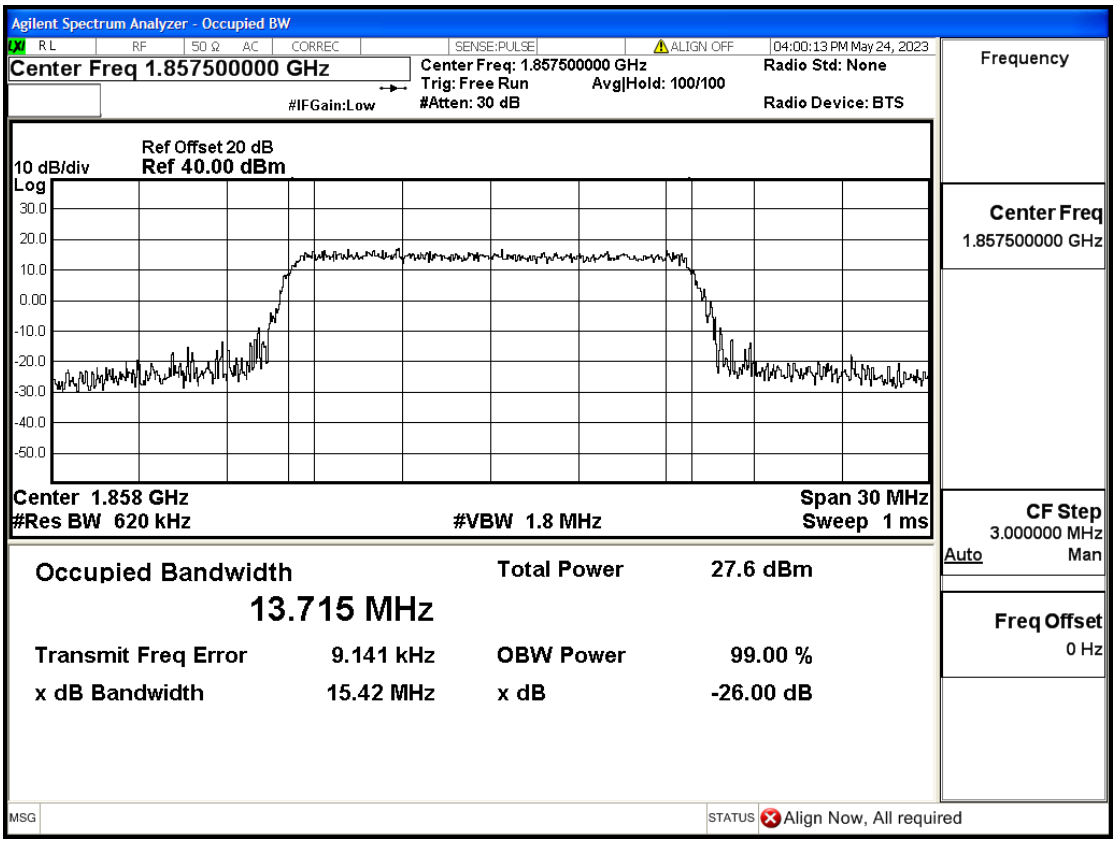
Band2-10-1905-16QAM-50#LOW@26dB and 99PCT Bandwidth



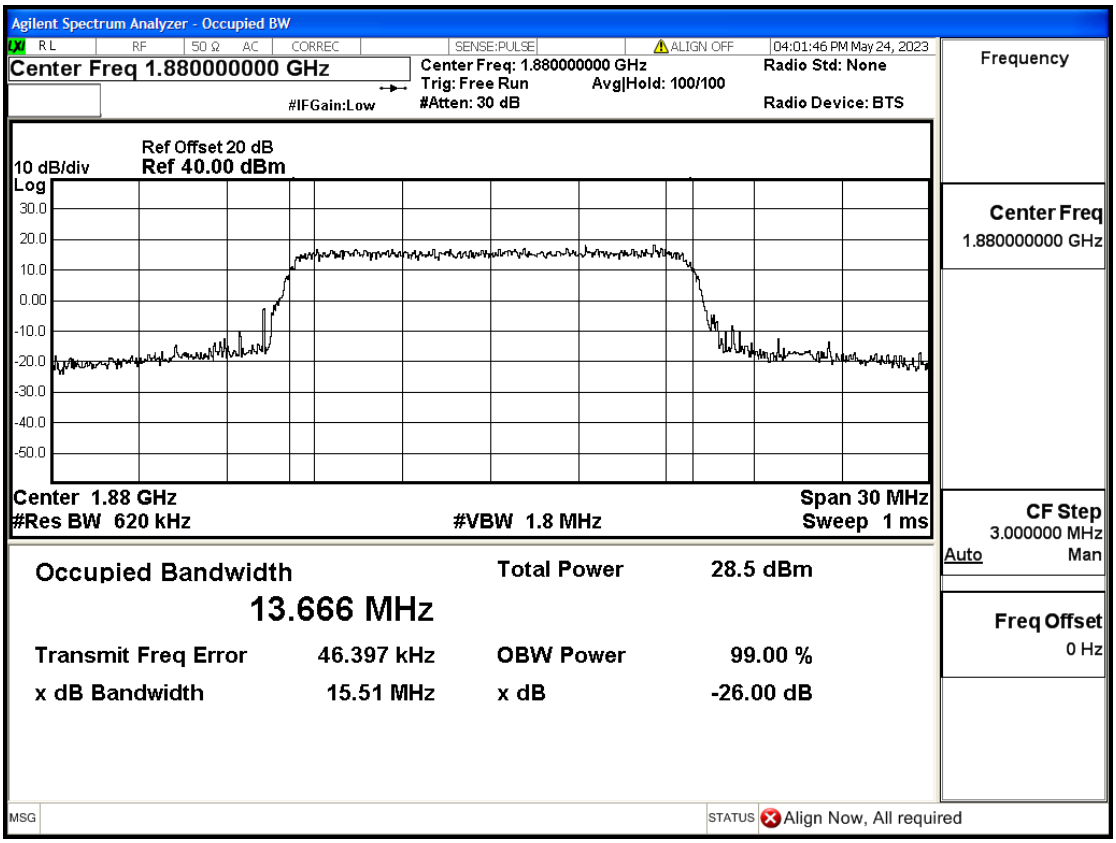
Band2-15-1857.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



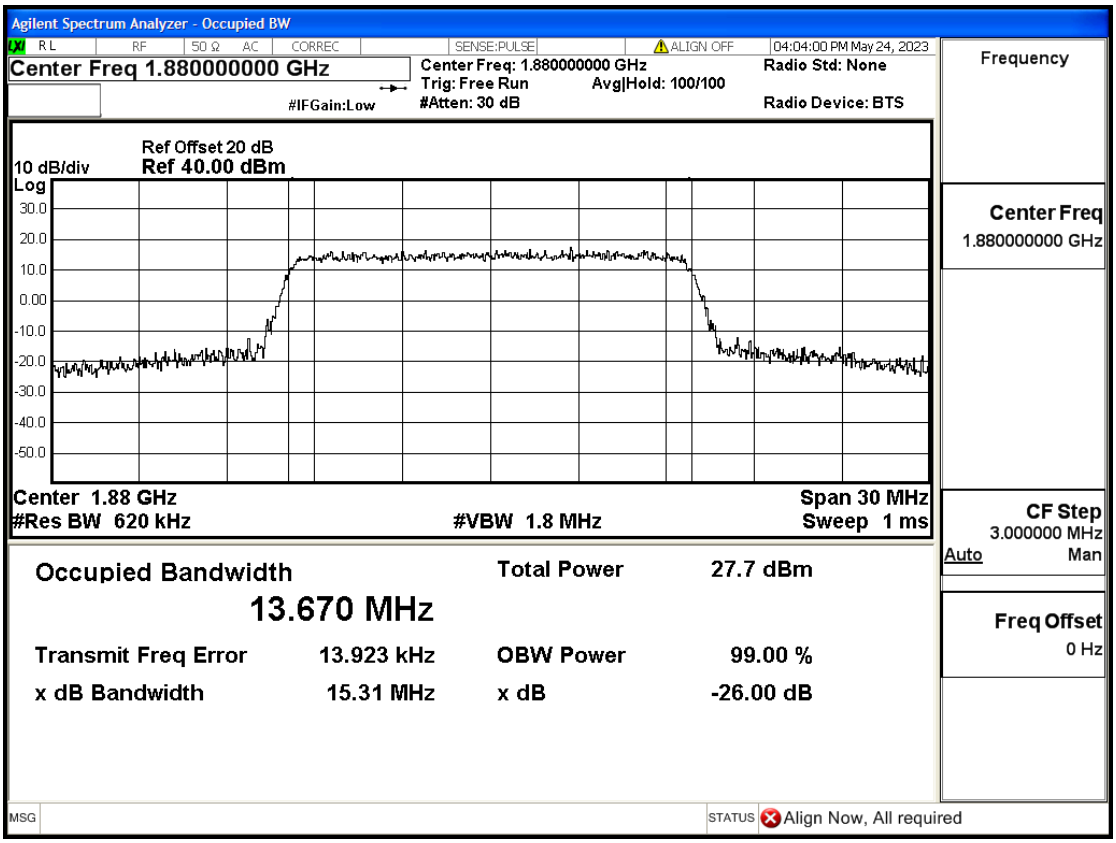
Band2-15-1857.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



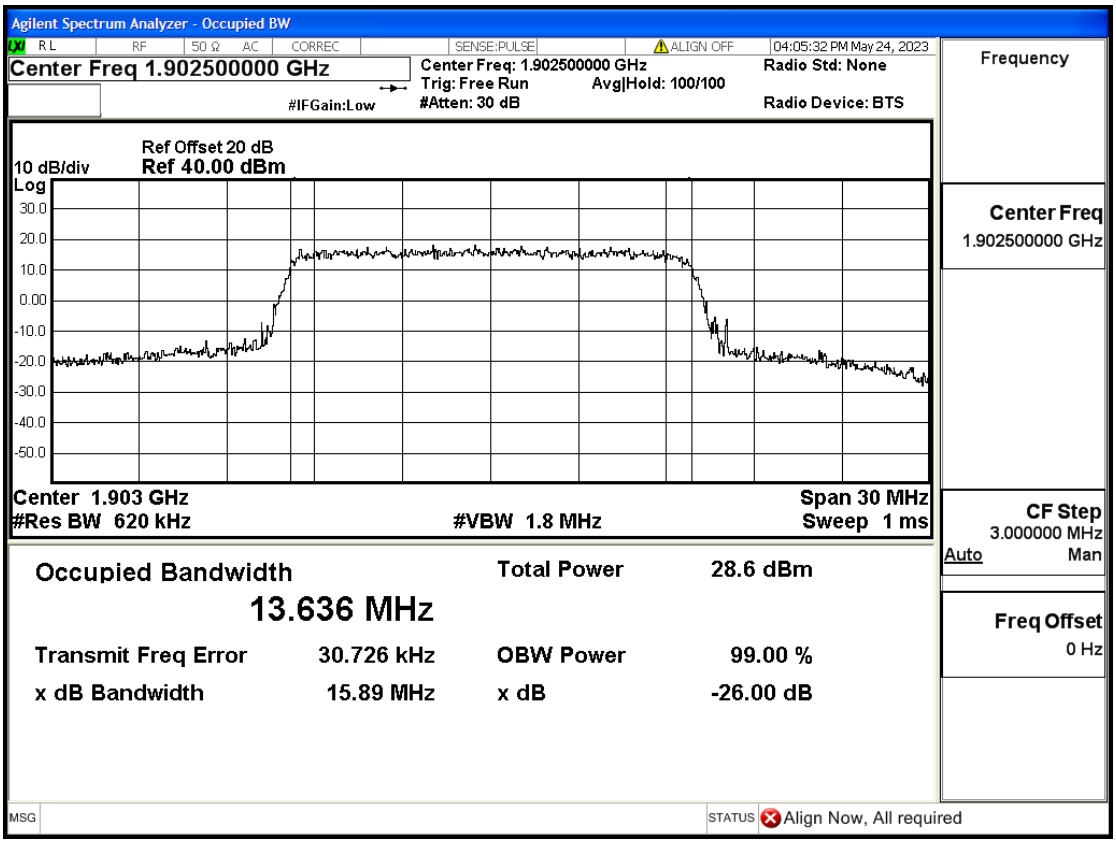
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



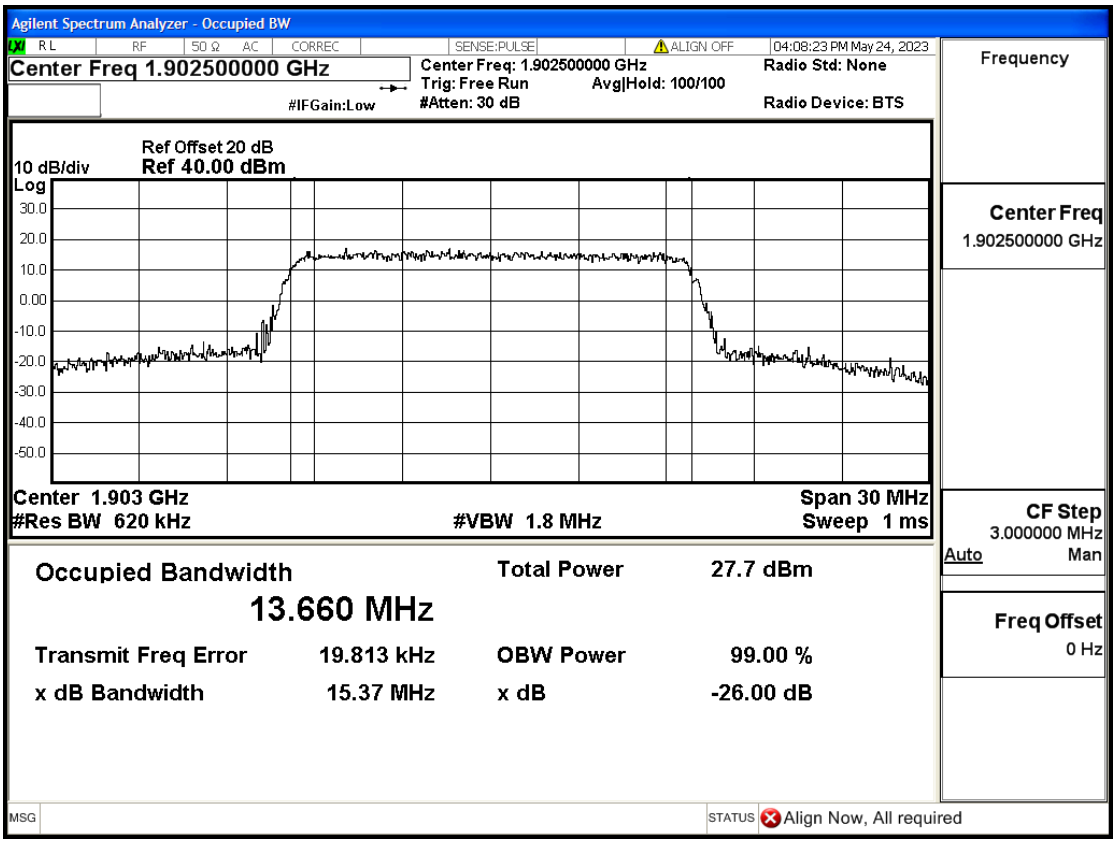
Band2-15-1880-16QAM-75#LOW@26dB and 99PCT Bandwidth



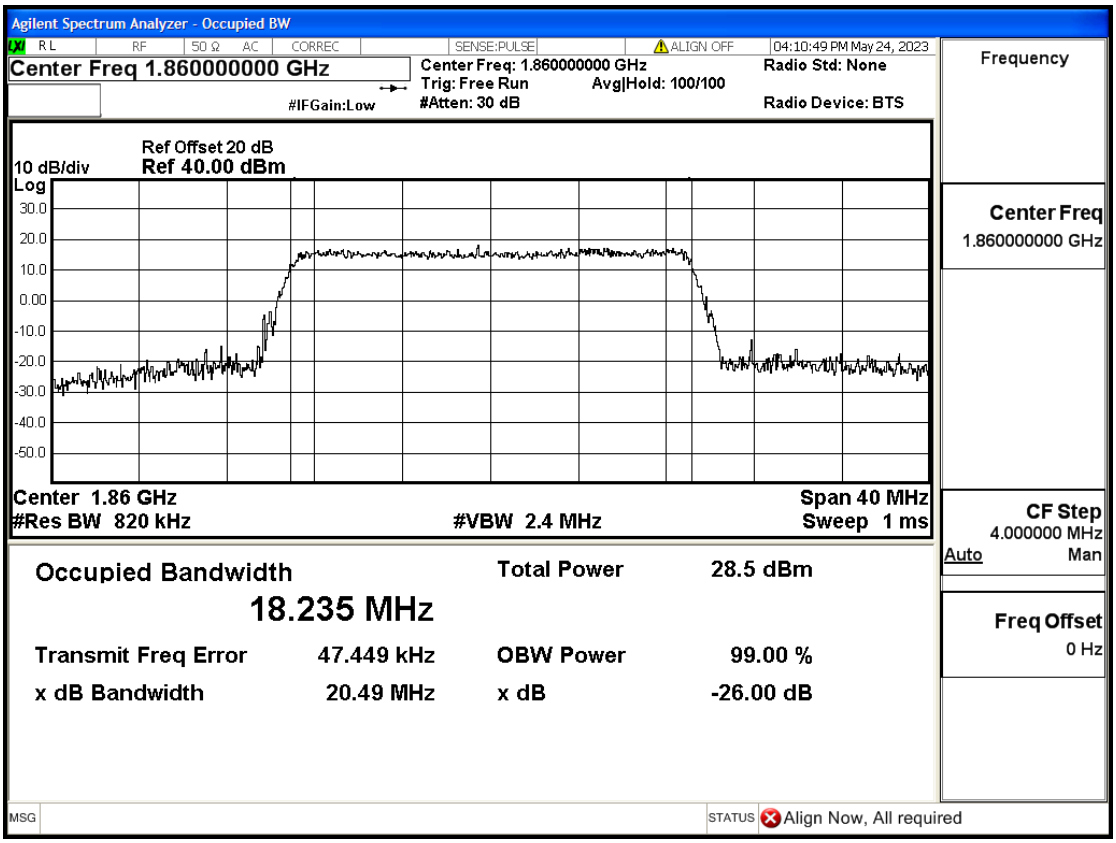
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



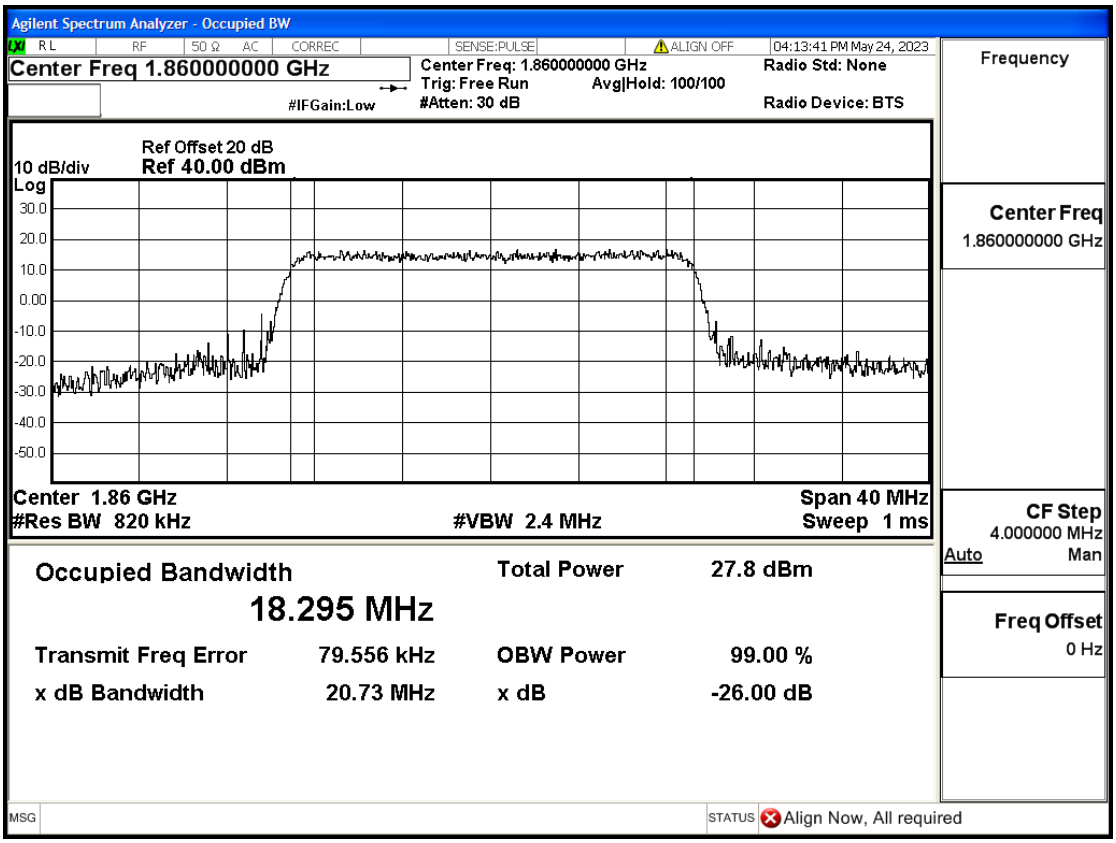
Band2-15-1902.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



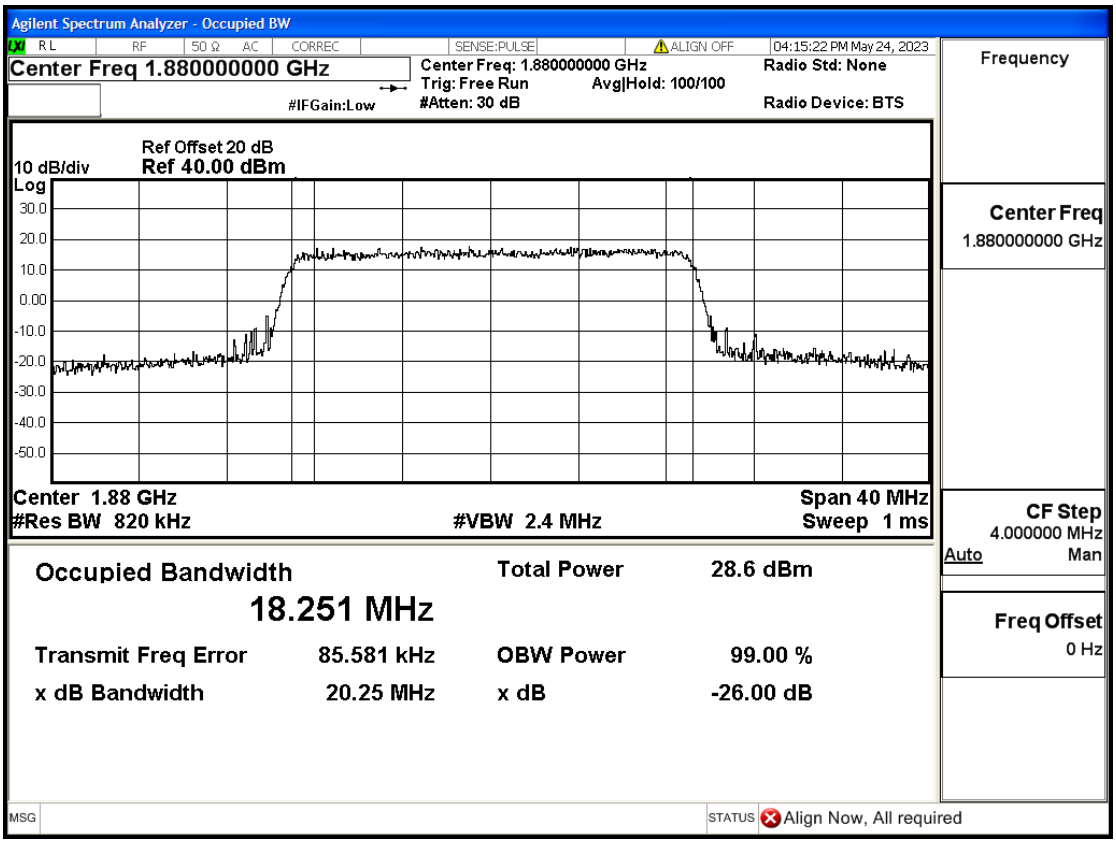
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



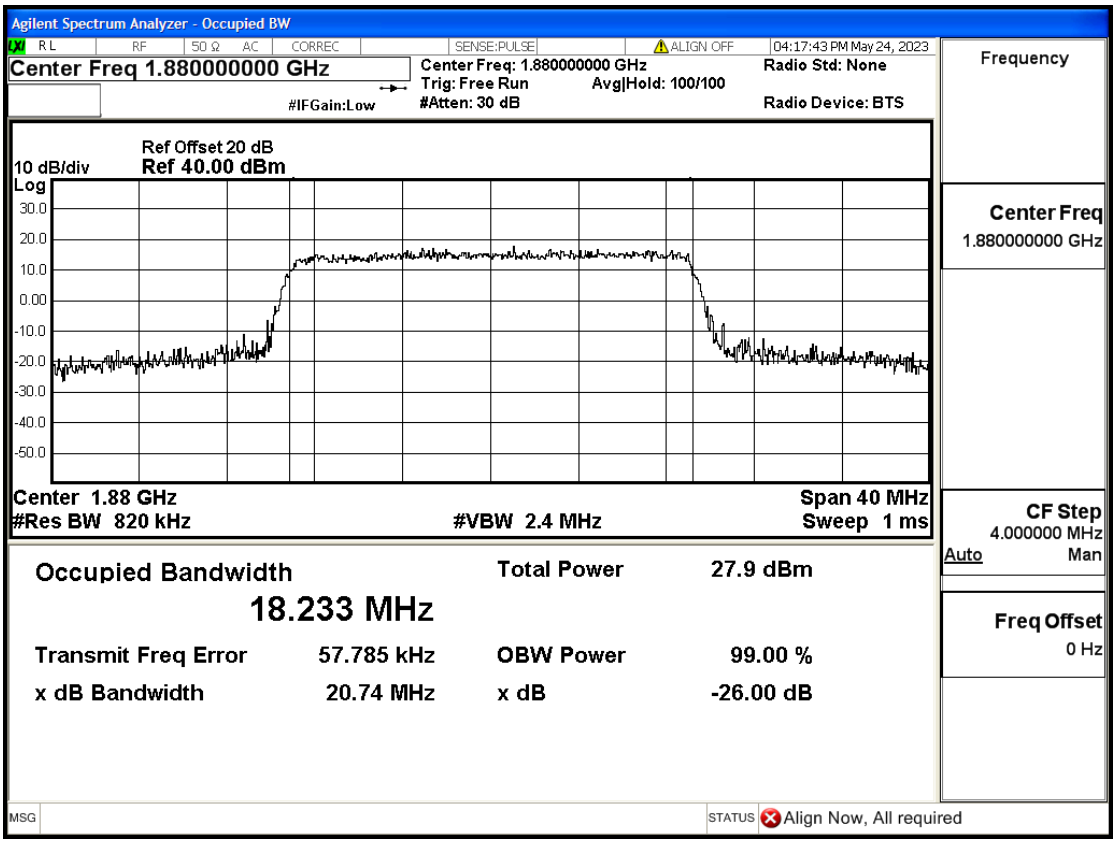
Band2-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth



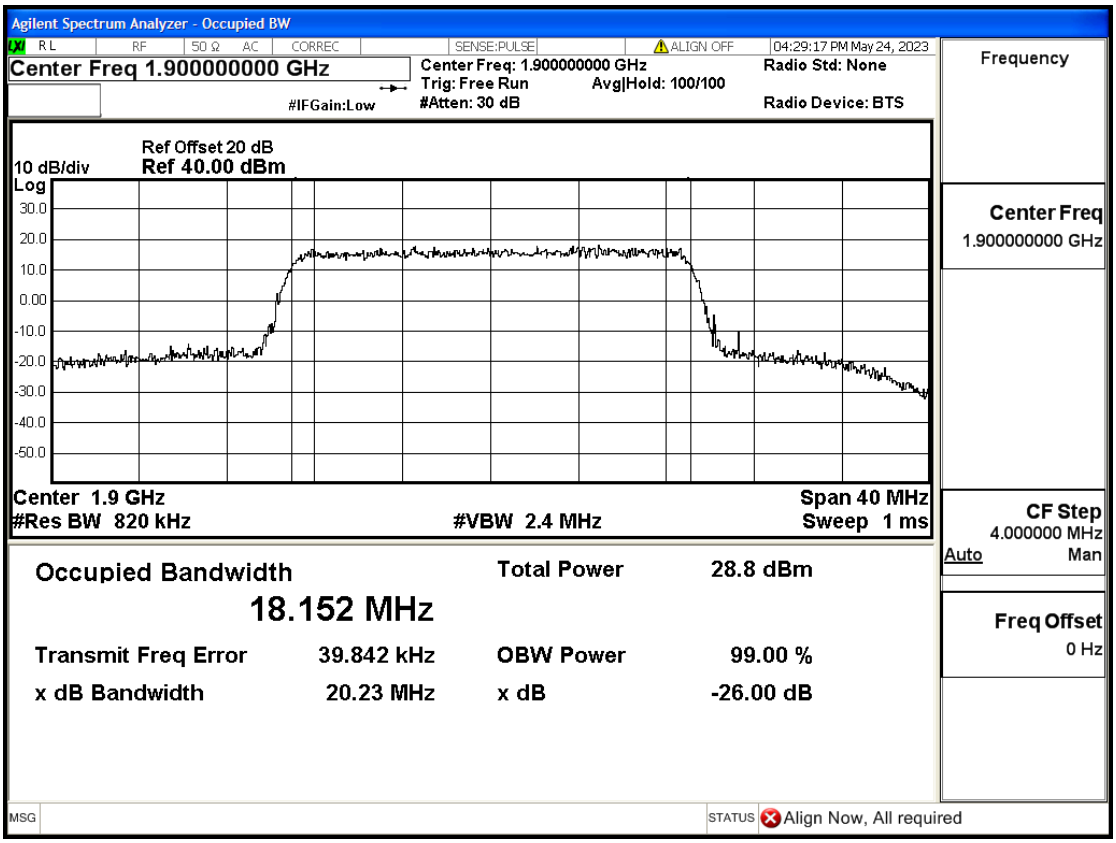
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



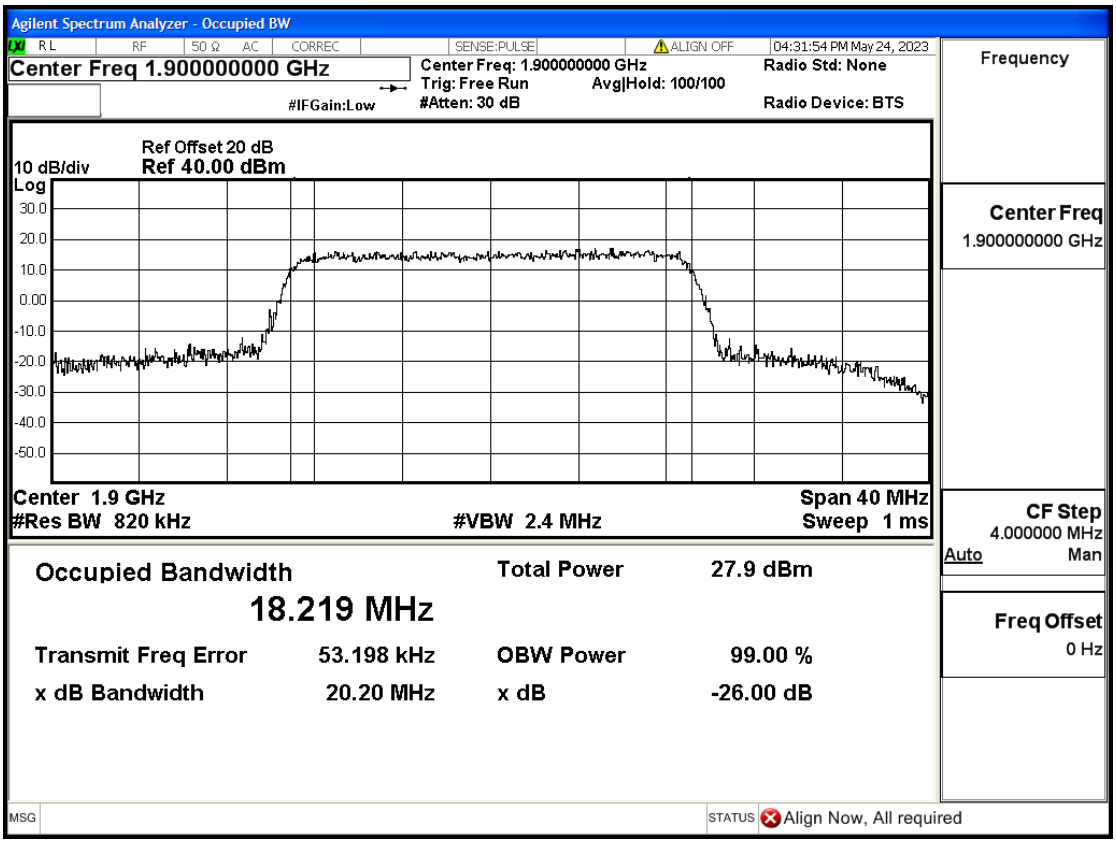
Band2-20-1880-16QAM-100#LOW@26dB and 99PCT Bandwidth



Band2-20-1900-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band2-20-1900-16QAM-100#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 2(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0573	PASS
40	Normal Voltage	0.0349	
30	Normal Voltage	0.0190	
20(Ref.)	Normal Voltage	0.0277	
10	Normal Voltage	0.0568	
0	Normal Voltage	0.0161	
-10	Normal Voltage	0.0459	
-20	Normal Voltage	0.0353	
-30	Normal Voltage	0.0165	
20	Maximum Voltage	0.0191	
20	Normal Voltage	0.0293	
20	Battery End Point	0.0619	

Peak and Average Power

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Average Power	Peak Power	Peak to Average(dB)	limit(dB)	AntGain(dBi)	ERP/EIRP(dBm)	Limit(dBm)	Conclusion
Band2	1.4	1850.7	QPSK	6	LOW	22.54	27.92	5.38	13	0.37	22.91	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	23.63	27.81	4.18	13	0.37	24	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	23.61	27.88	4.27	13	0.37	23.98	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	23.52	27.86	4.34	13	0.37	23.89	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	23.55	27.33	3.78	13	0.37	23.92	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	23.63	27.39	3.76	13	0.37	24	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	23.54	27.43	3.89	13	0.37	23.91	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	21.78	27.96	6.18	13	0.37	22.15	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	22.72	27.87	5.15	13	0.37	23.09	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	22.82	27.88	5.06	13	0.37	23.19	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	22.69	27.74	5.05	13	0.37	23.06	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	22.6	26.99	4.39	13	0.37	22.97	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	22.72	27	4.28	13	0.37	23.09	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	22.73	27.04	4.31	13	0.37	23.1	33	Pass
Band2	1.4	1880	QPSK	6	LOW	22.52	28.14	5.62	13	0.37	22.89	33	Pass
Band2	1.4	1880	QPSK	3	LOW	23.46	27.68	4.22	13	0.37	23.83	33	Pass
Band2	1.4	1880	QPSK	3	MID	23.52	27.97	4.45	13	0.37	23.89	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	23.51	27.51	4	13	0.37	23.88	33	Pass
Band2	1.4	1880	QPSK	1	LOW	23.58	27.2	3.62	13	0.37	23.95	33	Pass
Band2	1.4	1880	QPSK	1	MID	23.74	27.59	3.85	13	0.37	24.11	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	23.57	27.14	3.57	13	0.37	23.94	33	Pass
Band2	1.4	1880	16QAM	6	LOW	21.7	27.64	5.94	13	0.37	22.07	33	Pass
Band2	1.4	1880	16QAM	3	LOW	22.77	27.29	4.52	13	0.37	23.14	33	Pass
Band2	1.4	1880	16QAM	3	MID	22.77	27.25	4.48	13	0.37	23.14	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	22.67	27.46	4.79	13	0.37	23.04	33	Pass
Band2	1.4	1880	16QAM	1	LOW	22.88	27.34	4.46	13	0.37	23.25	33	Pass
Band2	1.4	1880	16QAM	1	MID	22.81	26.86	4.05	13	0.37	23.18	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	23.11	26.95	3.84	13	0.37	23.48	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	22.43	27.77	5.34	13	0.37	22.8	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	23.48	27.79	4.31	13	0.37	23.85	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	23.64	28.13	4.49	13	0.37	24.01	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	23.56	28.01	4.45	13	0.37	23.93	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	23.58	27.29	3.71	13	0.37	23.95	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	23.45	27.29	3.84	13	0.37	23.82	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	23.71	27.32	3.61	13	0.37	24.08	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	21.68	27.86	6.18	13	0.37	22.05	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	22.71	27.42	4.71	13	0.37	23.08	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	22.69	27.39	4.7	13	0.37	23.06	33	Pass

Band2	1.4	1909.3	16QAM	3	HIGH	22.74	27.67	4.93	13	0.37	23.11	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	23.33	27.22	3.89	13	0.37	23.7	33	Pass
Band2	1.4	1909.3	16QAM	1	MID	23.33	27.24	3.91	13	0.37	23.7	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	23.34	27.34	4	13	0.37	23.71	33	Pass
Band2	3	1851.5	QPSK	15	LOW	22.54	28.66	6.12	13	0.37	22.91	33	Pass
Band2	3	1851.5	QPSK	8	LOW	22.57	27.85	5.28	13	0.37	22.94	33	Pass
Band2	3	1851.5	QPSK	8	MID	22.56	27.71	5.15	13	0.37	22.93	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	22.54	27.89	5.35	13	0.37	22.91	33	Pass
Band2	3	1851.5	QPSK	1	LOW	23.75	27.21	3.46	13	0.37	24.12	33	Pass
Band2	3	1851.5	QPSK	1	MID	23.63	27.25	3.62	13	0.37	24	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	23.6	27.38	3.78	13	0.37	23.97	33	Pass
Band2	3	1851.5	16QAM	15	LOW	21.79	28.08	6.29	13	0.37	22.16	33	Pass
Band2	3	1851.5	16QAM	8	LOW	21.93	27.58	5.65	13	0.37	22.3	33	Pass
Band2	3	1851.5	16QAM	8	MID	21.93	27.61	5.68	13	0.37	22.3	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	21.91	27.41	5.5	13	0.37	22.28	33	Pass
Band2	3	1851.5	16QAM	1	LOW	22.48	26.88	4.4	13	0.37	22.85	33	Pass
Band2	3	1851.5	16QAM	1	MID	22.39	26.87	4.48	13	0.37	22.76	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	22.34	26.94	4.6	13	0.37	22.71	33	Pass
Band2	3	1880	QPSK	15	LOW	22.6	27.88	5.28	13	0.37	22.97	33	Pass
Band2	3	1880	QPSK	8	LOW	22.56	27.39	4.83	13	0.37	22.93	33	Pass
Band2	3	1880	QPSK	8	MID	22.56	27.27	4.71	13	0.37	22.93	33	Pass
Band2	3	1880	QPSK	8	HIGH	22.57	27.39	4.82	13	0.37	22.94	33	Pass
Band2	3	1880	QPSK	1	LOW	23.67	26.97	3.3	13	0.37	24.04	33	Pass
Band2	3	1880	QPSK	1	MID	23.41	26.83	3.42	13	0.37	23.78	33	Pass
Band2	3	1880	QPSK	1	HIGH	23.44	26.86	3.42	13	0.37	23.81	33	Pass
Band2	3	1880	16QAM	15	LOW	21.73	28.17	6.44	13	0.37	22.1	33	Pass
Band2	3	1880	16QAM	8	LOW	21.88	27.46	5.58	13	0.37	22.25	33	Pass
Band2	3	1880	16QAM	8	MID	21.89	27.45	5.56	13	0.37	22.26	33	Pass
Band2	3	1880	16QAM	8	HIGH	21.95	27.69	5.74	13	0.37	22.32	33	Pass
Band2	3	1880	16QAM	1	LOW	23	27.5	4.5	13	0.37	23.37	33	Pass
Band2	3	1880	16QAM	1	MID	22.83	27.03	4.2	13	0.37	23.2	33	Pass
Band2	3	1880	16QAM	1	HIGH	22.81	27.09	4.28	13	0.37	23.18	33	Pass
Band2	3	1908.5	QPSK	15	LOW	22.43	27.6	5.17	13	0.37	22.8	33	Pass
Band2	3	1908.5	QPSK	8	LOW	22.51	27.39	4.88	13	0.37	22.88	33	Pass
Band2	3	1908.5	QPSK	8	MID	22.51	27.42	4.91	13	0.37	22.88	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	22.46	27.58	5.12	13	0.37	22.83	33	Pass
Band2	3	1908.5	QPSK	1	LOW	23.61	26.91	3.3	13	0.37	23.98	33	Pass
Band2	3	1908.5	QPSK	1	MID	23.54	27.14	3.6	13	0.37	23.91	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	23.6	27.3	3.7	13	0.37	23.97	33	Pass
Band2	3	1908.5	16QAM	15	LOW	21.65	28.12	6.47	13	0.37	22.02	33	Pass
Band2	3	1908.5	16QAM	8	LOW	21.8	27.22	5.42	13	0.37	22.17	33	Pass
Band2	3	1908.5	16QAM	8	MID	21.73	27.07	5.34	13	0.37	22.1	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	21.69	27.45	5.76	13	0.37	22.06	33	Pass
Band2	3	1908.5	16QAM	1	LOW	22.78	26.69	3.91	13	0.37	23.15	33	Pass
Band2	3	1908.5	16QAM	1	MID	22.78	27.44	4.66	13	0.37	23.15	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	22.81	27.15	4.34	13	0.37	23.18	33	Pass

Band2	5	1852.5	QPSK	25	LOW	22.6	28.3	5.7	13	0.37	22.97	33	Pass
Band2	5	1852.5	QPSK	12	LOW	22.69	27.71	5.02	13	0.37	23.06	33	Pass
Band2	5	1852.5	QPSK	12	MID	22.7	27.71	5.01	13	0.37	23.07	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	22.62	27.85	5.23	13	0.37	22.99	33	Pass
Band2	5	1852.5	QPSK	1	LOW	23.69	27.5	3.81	13	0.37	24.06	33	Pass
Band2	5	1852.5	QPSK	1	MID	23.62	27.64	4.02	13	0.37	23.99	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	23.78	27.9	4.12	13	0.37	24.15	33	Pass
Band2	5	1852.5	16QAM	25	LOW	21.65	28.57	6.92	13	0.37	22.02	33	Pass
Band2	5	1852.5	16QAM	12	LOW	21.71	27.68	5.97	13	0.37	22.08	33	Pass
Band2	5	1852.5	16QAM	12	MID	21.83	27.63	5.8	13	0.37	22.2	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	21.79	27.76	5.97	13	0.37	22.16	33	Pass
Band2	5	1852.5	16QAM	1	LOW	22.46	27.32	4.86	13	0.37	22.83	33	Pass
Band2	5	1852.5	16QAM	1	MID	22.43	27.5	5.07	13	0.37	22.8	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	22.47	28.05	5.58	13	0.37	22.84	33	Pass
Band2	5	1880	QPSK	25	LOW	22.54	28.03	5.49	13	0.37	22.91	33	Pass
Band2	5	1880	QPSK	12	LOW	22.62	27.48	4.86	13	0.37	22.99	33	Pass
Band2	5	1880	QPSK	12	MID	22.62	27.42	4.8	13	0.37	22.99	33	Pass
Band2	5	1880	QPSK	12	HIGH	22.58	27.48	4.9	13	0.37	22.95	33	Pass
Band2	5	1880	QPSK	1	LOW	23.52	27.72	4.2	13	0.37	23.89	33	Pass
Band2	5	1880	QPSK	1	MID	23.49	27.51	4.02	13	0.37	23.86	33	Pass
Band2	5	1880	QPSK	1	HIGH	23.46	27.52	4.06	13	0.37	23.83	33	Pass
Band2	5	1880	16QAM	25	LOW	21.8	28.09	6.29	13	0.37	22.17	33	Pass
Band2	5	1880	16QAM	12	LOW	21.71	27.61	5.9	13	0.37	22.08	33	Pass
Band2	5	1880	16QAM	12	MID	21.72	27.54	5.82	13	0.37	22.09	33	Pass
Band2	5	1880	16QAM	12	HIGH	21.85	27.6	5.75	13	0.37	22.22	33	Pass
Band2	5	1880	16QAM	1	LOW	21.96	26.87	4.91	13	0.37	22.33	33	Pass
Band2	5	1880	16QAM	1	MID	21.85	26.75	4.9	13	0.37	22.22	33	Pass
Band2	5	1880	16QAM	1	HIGH	21.88	26.81	4.93	13	0.37	22.25	33	Pass
Band2	5	1907.5	QPSK	25	LOW	22.58	28.25	5.67	13	0.37	22.95	33	Pass
Band2	5	1907.5	QPSK	12	LOW	22.58	27.46	4.88	13	0.37	22.95	33	Pass
Band2	5	1907.5	QPSK	12	MID	22.59	27.49	4.9	13	0.37	22.96	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	22.58	27.7	5.12	13	0.37	22.95	33	Pass
Band2	5	1907.5	QPSK	1	LOW	23.75	27.68	3.93	13	0.37	24.12	33	Pass
Band2	5	1907.5	QPSK	1	MID	23.76	27.05	3.29	13	0.37	24.13	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	23.75	27.67	3.92	13	0.37	24.12	33	Pass
Band2	5	1907.5	16QAM	25	LOW	21.87	28.4	6.53	13	0.37	22.24	33	Pass
Band2	5	1907.5	16QAM	12	LOW	21.76	27.19	5.43	13	0.37	22.13	33	Pass
Band2	5	1907.5	16QAM	12	MID	21.78	27.23	5.45	13	0.37	22.15	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	21.77	27.65	5.88	13	0.37	22.14	33	Pass
Band2	5	1907.5	16QAM	1	LOW	22.9	26.8	3.9	13	0.37	23.27	33	Pass
Band2	5	1907.5	16QAM	1	MID	22.92	26.96	4.04	13	0.37	23.29	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	22.85	27.25	4.4	13	0.37	23.22	33	Pass
Band2	10	1855	QPSK	50	LOW	22.54	28.59	6.05	13	0.37	22.91	33	Pass
Band2	10	1855	QPSK	25	LOW	22.67	28.29	5.62	13	0.37	23.04	33	Pass
Band2	10	1855	QPSK	25	MID	22.55	28.27	5.72	13	0.37	22.92	33	Pass
Band2	10	1855	QPSK	25	HIGH	22.56	28.71	6.15	13	0.37	22.93	33	Pass

Band2	10	1855	QPSK	1	LOW	23.75	27.45	3.7	13	0.37	24.12	33	Pass
Band2	10	1855	QPSK	1	MID	23.63	27.84	4.21	13	0.37	24	33	Pass
Band2	10	1855	QPSK	1	HIGH	23.68	28.27	4.59	13	0.37	24.05	33	Pass
Band2	10	1855	16QAM	50	LOW	21.76	28.76	7	13	0.37	22.13	33	Pass
Band2	10	1855	16QAM	25	LOW	21.87	28.11	6.24	13	0.37	22.24	33	Pass
Band2	10	1855	16QAM	25	MID	21.88	28.12	6.24	13	0.37	22.25	33	Pass
Band2	10	1855	16QAM	25	HIGH	21.91	28.58	6.67	13	0.37	22.28	33	Pass
Band2	10	1855	16QAM	1	LOW	22.51	27.1	4.59	13	0.37	22.88	33	Pass
Band2	10	1855	16QAM	1	MID	22.41	27.31	4.9	13	0.37	22.78	33	Pass
Band2	10	1855	16QAM	1	HIGH	22.31	27.45	5.14	13	0.37	22.68	33	Pass
Band2	10	1880	QPSK	50	LOW	22.59	28.16	5.57	13	0.37	22.96	33	Pass
Band2	10	1880	QPSK	25	LOW	22.46	27.65	5.19	13	0.37	22.83	33	Pass
Band2	10	1880	QPSK	25	MID	22.46	27.68	5.22	13	0.37	22.83	33	Pass
Band2	10	1880	QPSK	25	HIGH	22.56	27.61	5.05	13	0.37	22.93	33	Pass
Band2	10	1880	QPSK	1	LOW	23.44	27.42	3.98	13	0.37	23.81	33	Pass
Band2	10	1880	QPSK	1	MID	23.44	27.07	3.63	13	0.37	23.81	33	Pass
Band2	10	1880	QPSK	1	HIGH	23.5	27.2	3.7	13	0.37	23.87	33	Pass
Band2	10	1880	16QAM	50	LOW	21.72	28.29	6.57	13	0.37	22.09	33	Pass
Band2	10	1880	16QAM	25	LOW	21.6	27.64	6.04	13	0.37	21.97	33	Pass
Band2	10	1880	16QAM	25	MID	21.61	27.65	6.04	13	0.37	21.98	33	Pass
Band2	10	1880	16QAM	25	HIGH	21.64	27.53	5.89	13	0.37	22.01	33	Pass
Band2	10	1880	16QAM	1	LOW	22.78	27.61	4.83	13	0.37	23.15	33	Pass
Band2	10	1880	16QAM	1	MID	22.97	27.34	4.37	13	0.37	23.34	33	Pass
Band2	10	1880	16QAM	1	HIGH	22.86	27.41	4.55	13	0.37	23.23	33	Pass
Band2	10	1905	QPSK	50	LOW	22.57	27.93	5.36	13	0.37	22.94	33	Pass
Band2	10	1905	QPSK	25	LOW	22.67	27.41	4.74	13	0.37	23.04	33	Pass
Band2	10	1905	QPSK	25	MID	22.67	27.37	4.7	13	0.37	23.04	33	Pass
Band2	10	1905	QPSK	25	HIGH	22.64	27.47	4.83	13	0.37	23.01	33	Pass
Band2	10	1905	QPSK	1	LOW	23.79	27.5	3.71	13	0.37	24.16	33	Pass
Band2	10	1905	QPSK	1	MID	23.69	26.82	3.13	13	0.37	24.06	33	Pass
Band2	10	1905	QPSK	1	HIGH	23.72	27.43	3.71	13	0.37	24.09	33	Pass
Band2	10	1905	16QAM	50	LOW	21.78	27.83	6.05	13	0.37	22.15	33	Pass
Band2	10	1905	16QAM	25	LOW	21.96	27.52	5.56	13	0.37	22.33	33	Pass
Band2	10	1905	16QAM	25	MID	21.96	27.48	5.52	13	0.37	22.33	33	Pass
Band2	10	1905	16QAM	25	HIGH	21.77	27.49	5.72	13	0.37	22.14	33	Pass
Band2	10	1905	16QAM	1	LOW	23.48	27.65	4.17	13	0.37	23.85	33	Pass
Band2	10	1905	16QAM	1	MID	23.44	26.74	3.3	13	0.37	23.81	33	Pass
Band2	10	1905	16QAM	1	HIGH	23.29	27.75	4.46	13	0.37	23.66	33	Pass
Band2	15	1857.5	QPSK	75	LOW	22.58	29.09	6.51	13	0.37	22.95	33	Pass
Band2	15	1857.5	QPSK	38	LOW	22.68	28.96	6.28	13	0.37	23.05	33	Pass
Band2	15	1857.5	QPSK	38	MID	22.67	29.13	6.46	13	0.37	23.04	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	22.67	29.13	6.46	13	0.37	23.04	33	Pass
Band2	15	1857.5	QPSK	1	LOW	23.53	28.12	4.59	13	0.37	23.9	33	Pass
Band2	15	1857.5	QPSK	1	MID	23.45	28.03	4.58	13	0.37	23.82	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	23.51	28.23	4.72	13	0.37	23.88	33	Pass
Band2	15	1857.5	16QAM	75	LOW	21.83	28.93	7.1	13	0.37	22.2	33	Pass

Band2	15	1857.5	16QAM	38	LOW	21.7	28.84	7.14	13	0.37	22.07	33	Pass
Band2	15	1857.5	16QAM	38	MID	21.7	28.72	7.02	13	0.37	22.07	33	Pass
Band2	15	1857.5	16QAM	38	HIGH	21.89	28.9	7.01	13	0.37	22.26	33	Pass
Band2	15	1857.5	16QAM	1	LOW	23.3	28.61	5.31	13	0.37	23.67	33	Pass
Band2	15	1857.5	16QAM	1	MID	23.24	27.85	4.61	13	0.37	23.61	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	23.2	28.68	5.48	13	0.37	23.57	33	Pass
Band2	15	1880	QPSK	75	LOW	22.66	28.66	6	13	0.37	23.03	33	Pass
Band2	15	1880	QPSK	38	LOW	22.69	28.64	5.95	13	0.37	23.06	33	Pass
Band2	15	1880	QPSK	38	MID	22.52	28.57	6.05	13	0.37	22.89	33	Pass
Band2	15	1880	QPSK	38	HIGH	22.52	28.57	6.05	13	0.37	22.89	33	Pass
Band2	15	1880	QPSK	1	LOW	23.64	27.85	4.21	13	0.37	24.01	33	Pass
Band2	15	1880	QPSK	1	MID	23.56	27.13	3.57	13	0.37	23.93	33	Pass
Band2	15	1880	QPSK	1	HIGH	23.52	27.61	4.09	13	0.37	23.89	33	Pass
Band2	15	1880	16QAM	75	LOW	21.79	28.23	6.44	13	0.37	22.16	33	Pass
Band2	15	1880	16QAM	38	LOW	21.93	28.23	6.3	13	0.37	22.3	33	Pass
Band2	15	1880	16QAM	38	MID	21.95	28.34	6.39	13	0.37	22.32	33	Pass
Band2	15	1880	16QAM	38	HIGH	21.96	28.33	6.37	13	0.37	22.33	33	Pass
Band2	15	1880	16QAM	1	LOW	22.89	27.97	5.08	13	0.37	23.26	33	Pass
Band2	15	1880	16QAM	1	MID	22.96	27.39	4.43	13	0.37	23.33	33	Pass
Band2	15	1880	16QAM	1	HIGH	22.78	27.67	4.89	13	0.37	23.15	33	Pass
Band2	15	1902.5	QPSK	75	LOW	22.58	28.63	6.05	13	0.37	22.95	33	Pass
Band2	15	1902.5	QPSK	38	LOW	22.65	28.6	5.95	13	0.37	23.02	33	Pass
Band2	15	1902.5	QPSK	38	MID	22.65	28.6	5.95	13	0.37	23.02	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	22.72	28.68	5.96	13	0.37	23.09	33	Pass
Band2	15	1902.5	QPSK	1	LOW	23.83	28.02	4.19	13	0.37	24.2	33	Pass
Band2	15	1902.5	QPSK	1	MID	23.84	26.91	3.07	13	0.37	24.21	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	23.77	27.79	4.02	13	0.37	24.14	33	Pass
Band2	15	1902.5	16QAM	75	LOW	21.81	28.43	6.62	13	0.37	22.18	33	Pass
Band2	15	1902.5	16QAM	38	LOW	21.81	28.43	6.62	13	0.37	22.18	33	Pass
Band2	15	1902.5	16QAM	38	MID	21.82	28.48	6.66	13	0.37	22.19	33	Pass
Band2	15	1902.5	16QAM	38	HIGH	21.83	28.34	6.51	13	0.37	22.2	33	Pass
Band2	15	1902.5	16QAM	1	LOW	22.92	28.05	5.13	13	0.37	23.29	33	Pass
Band2	15	1902.5	16QAM	1	MID	22.82	26.91	4.09	13	0.37	23.19	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	22.86	27.55	4.69	13	0.37	23.23	33	Pass
Band2	20	1860	QPSK	100	LOW	22.54	29.07	6.53	13	0.37	22.91	33	Pass
Band2	20	1860	QPSK	50	LOW	22.6	28.47	5.87	13	0.37	22.97	33	Pass
Band2	20	1860	QPSK	50	MID	22.6	28.44	5.84	13	0.37	22.97	33	Pass
Band2	20	1860	QPSK	50	HIGH	22.61	28.7	6.09	13	0.37	22.98	33	Pass
Band2	20	1860	QPSK	1	LOW	23.8	28.96	5.16	13	0.37	24.17	33	Pass
Band2	20	1860	QPSK	1	MID	23.82	28.49	4.67	13	0.37	24.19	33	Pass
Band2	20	1860	QPSK	1	HIGH	23.8	28.49	4.69	13	0.37	24.17	33	Pass
Band2	20	1860	16QAM	100	LOW	21.81	28.89	7.08	13	0.37	22.18	33	Pass
Band2	20	1860	16QAM	50	LOW	21.8	28.49	6.69	13	0.37	22.17	33	Pass
Band2	20	1860	16QAM	50	MID	21.81	28.49	6.68	13	0.37	22.18	33	Pass
Band2	20	1860	16QAM	50	HIGH	21.71	28.81	7.1	13	0.37	22.08	33	Pass
Band2	20	1860	16QAM	1	LOW	23.52	28.66	5.14	13	0.37	23.89	33	Pass

Band2	20	1860	16QAM	1	MID	23.47	28.38	4.91	13	0.37	23.84	33	Pass
Band2	20	1860	16QAM	1	HIGH	23.54	29.19	5.65	13	0.37	23.91	33	Pass
Band2	20	1880	QPSK	100	LOW	22.56	28.44	5.88	13	0.37	22.93	33	Pass
Band2	20	1880	QPSK	50	LOW	22.53	27.92	5.39	13	0.37	22.9	33	Pass
Band2	20	1880	QPSK	50	MID	22.52	27.92	5.4	13	0.37	22.89	33	Pass
Band2	20	1880	QPSK	50	HIGH	22.49	27.8	5.31	13	0.37	22.86	33	Pass
Band2	20	1880	QPSK	1	LOW	23.83	28.42	4.59	13	0.37	24.2	33	Pass
Band2	20	1880	QPSK	1	MID	23.81	27.32	3.51	13	0.37	24.18	33	Pass
Band2	20	1880	QPSK	1	HIGH	23.82	27.78	3.96	13	0.37	24.19	33	Pass
Band2	20	1880	16QAM	100	LOW	21.86	28.76	6.9	13	0.37	22.23	33	Pass
Band2	20	1880	16QAM	50	LOW	21.67	28.32	6.65	13	0.37	22.04	33	Pass
Band2	20	1880	16QAM	50	MID	21.67	28.31	6.64	13	0.37	22.04	33	Pass
Band2	20	1880	16QAM	50	HIGH	21.77	28.01	6.24	13	0.37	22.14	33	Pass
Band2	20	1880	16QAM	1	LOW	22.68	28.52	5.84	13	0.37	23.05	33	Pass
Band2	20	1880	16QAM	1	MID	22.81	27.22	4.41	13	0.37	23.18	33	Pass
Band2	20	1880	16QAM	1	HIGH	22.59	28.41	5.82	13	0.37	22.96	33	Pass
Band2	20	1900	QPSK	100	LOW	22.64	28.34	5.7	13	0.37	23.01	33	Pass
Band2	20	1900	QPSK	50	LOW	22.62	28.21	5.59	13	0.37	22.99	33	Pass
Band2	20	1900	QPSK	50	MID	22.61	28.24	5.63	13	0.37	22.98	33	Pass
Band2	20	1900	QPSK	50	HIGH	22.72	27.8	5.08	13	0.37	23.09	33	Pass
Band2	20	1900	QPSK	1	LOW	23.78	28.94	5.16	13	0.37	24.15	33	Pass
Band2	20	1900	QPSK	1	MID	23.68	27.14	3.46	13	0.37	24.05	33	Pass
Band2	20	1900	QPSK	1	HIGH	23.68	28.31	4.63	13	0.37	24.05	33	Pass
Band2	20	1900	16QAM	100	LOW	21.69	28.23	6.54	13	0.37	22.06	33	Pass
Band2	20	1900	16QAM	50	LOW	21.79	28.13	6.34	13	0.37	22.16	33	Pass
Band2	20	1900	16QAM	50	MID	21.79	28.18	6.39	13	0.37	22.16	33	Pass
Band2	20	1900	16QAM	50	HIGH	21.78	27.6	5.82	13	0.37	22.15	33	Pass
Band2	20	1900	16QAM	1	LOW	22.76	28	5.24	13	0.37	23.13	33	Pass
Band2	20	1900	16QAM	1	MID	22.78	27.33	4.55	13	0.37	23.15	33	Pass
Band2	20	1900	16QAM	1	HIGH	22.71	27.64	4.93	13	0.37	23.08	33	Pass