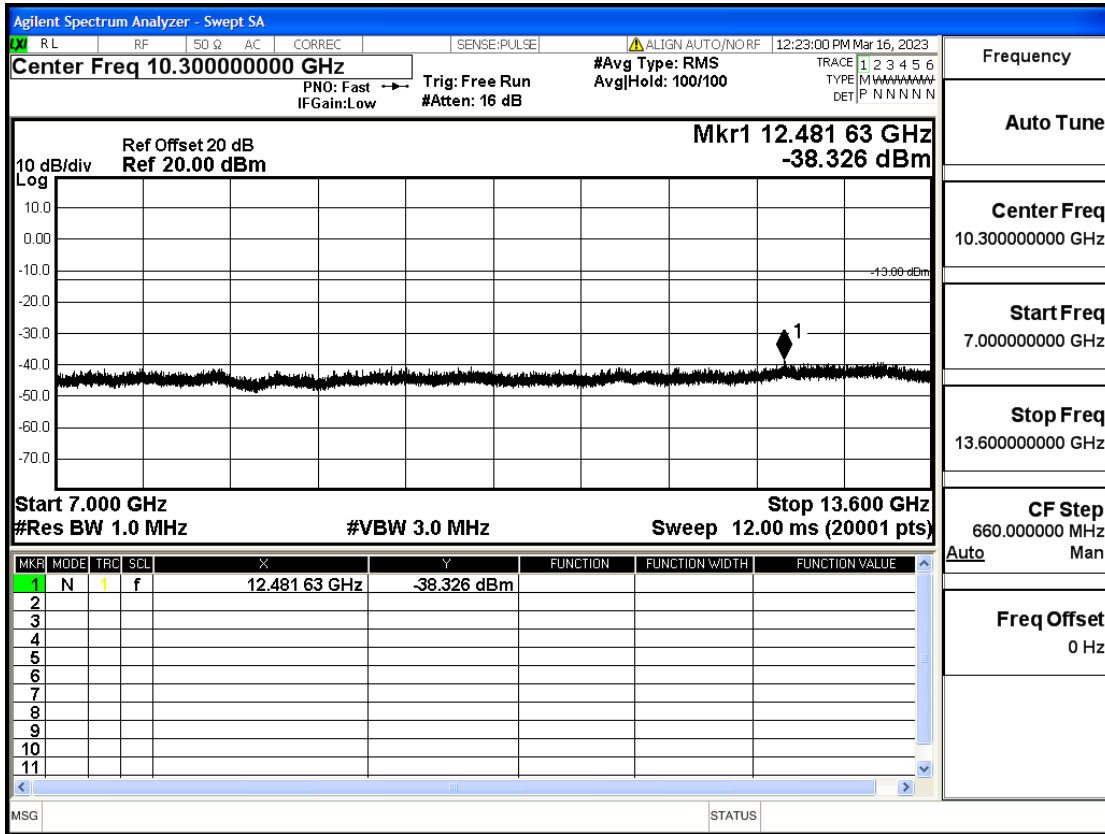
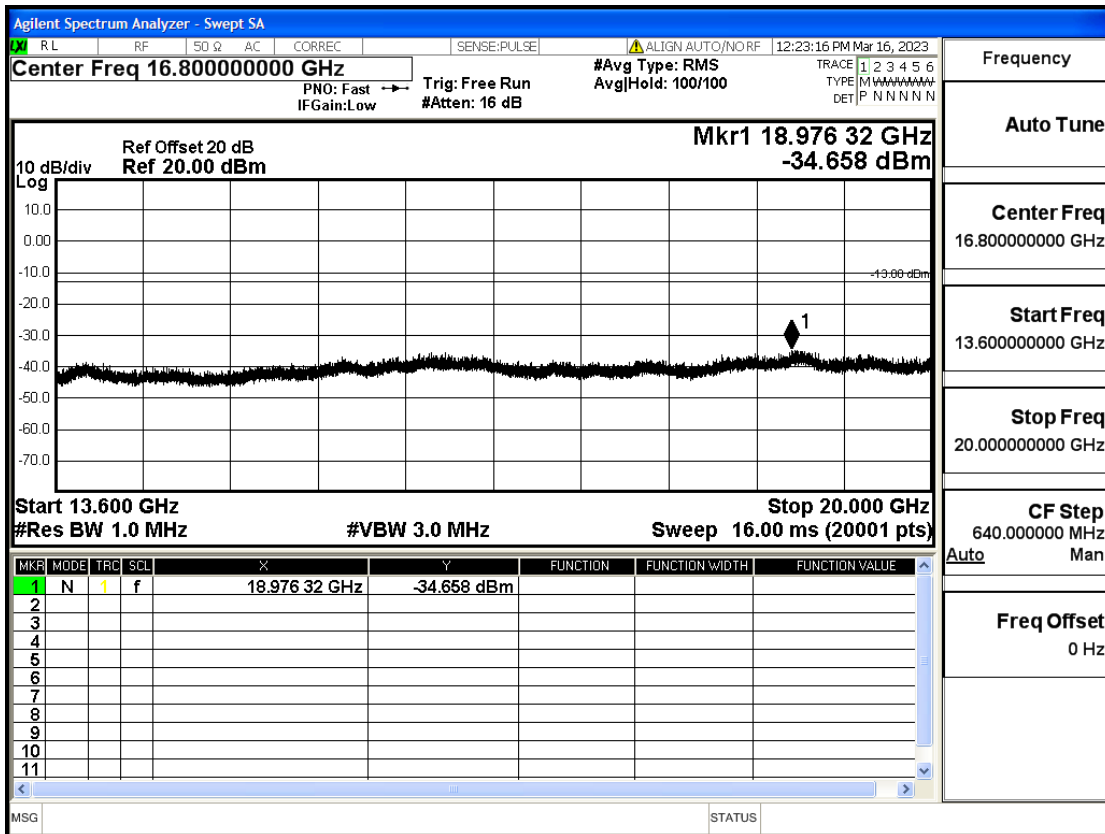


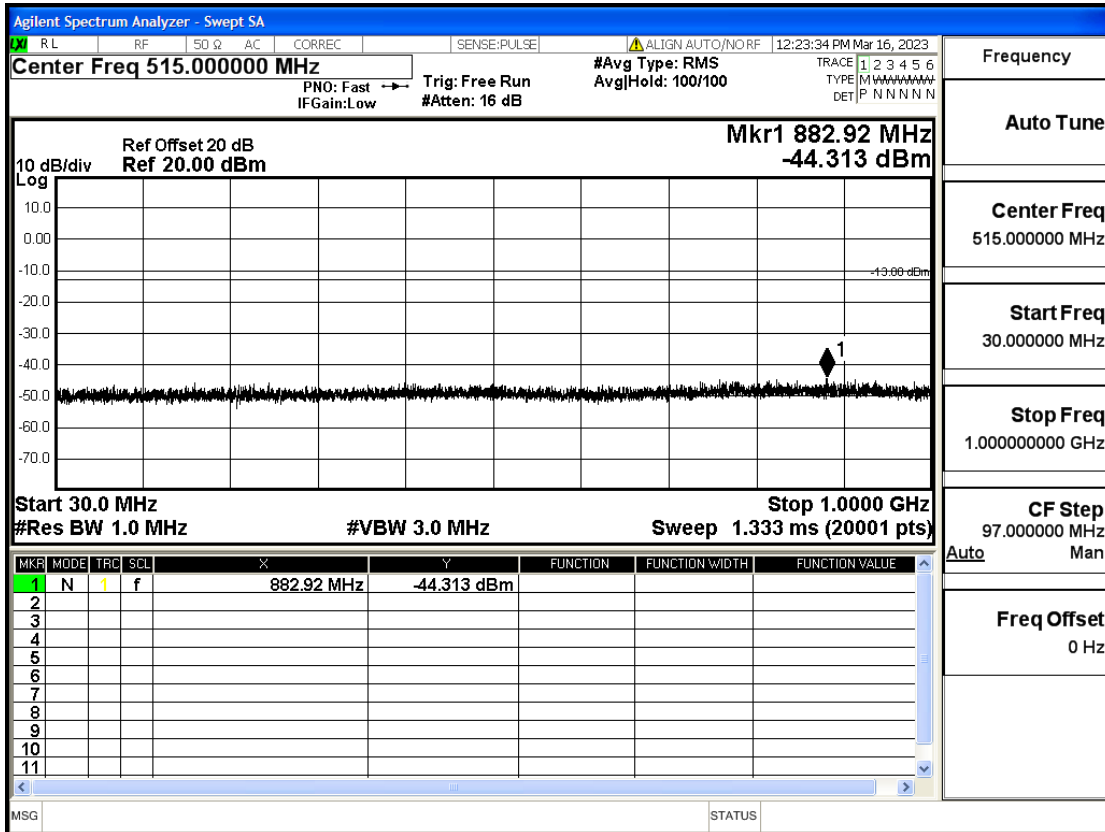
OB2-1.4-1880-Q16-6#LOW@7GHz-13.6GHz@Pass



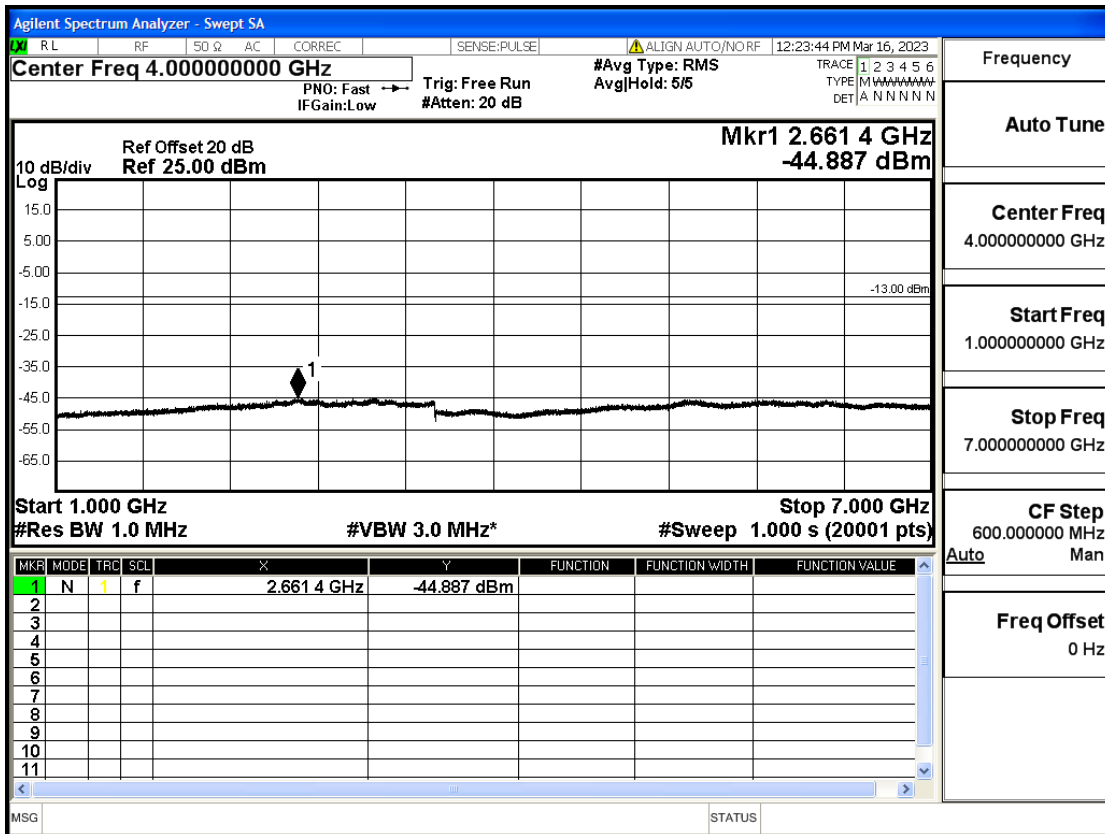
OB2-1.4-1880-Q16-6#LOW@13.6GHz-20GHz@Pass



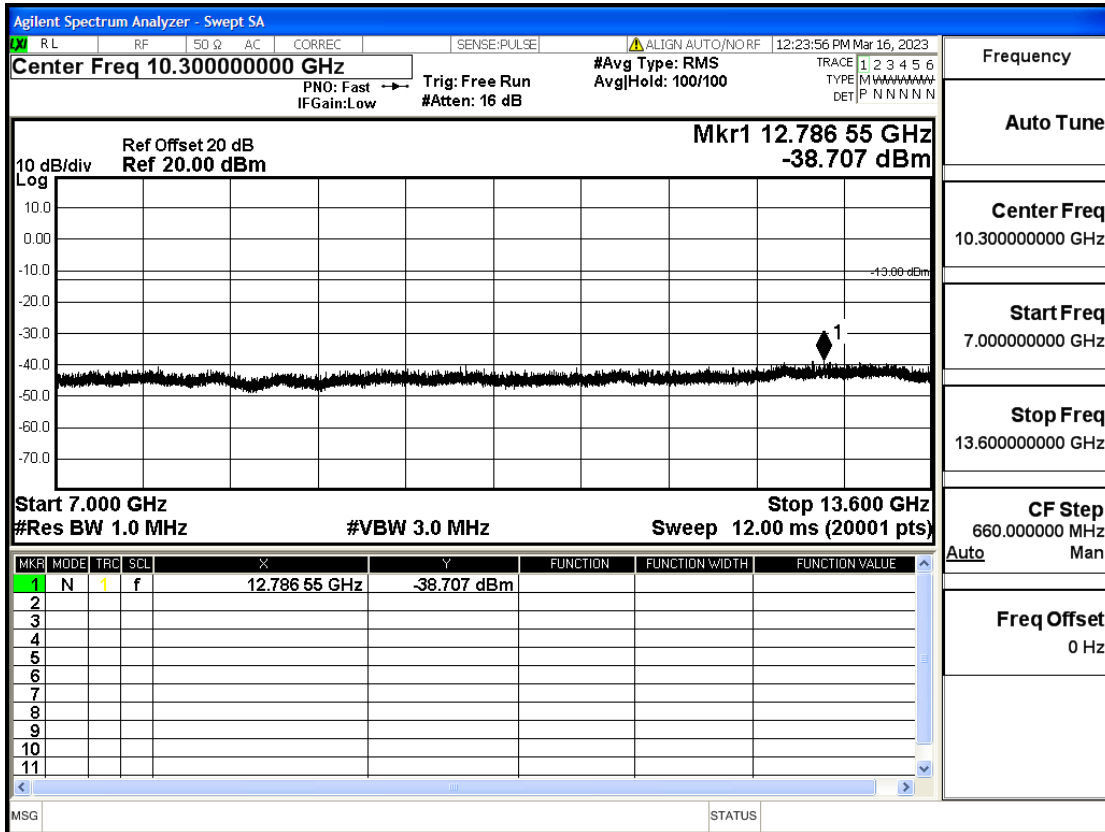
OB2-1.4-1909.3-Q16-6#LOW@30mHz-1GHz@Pass



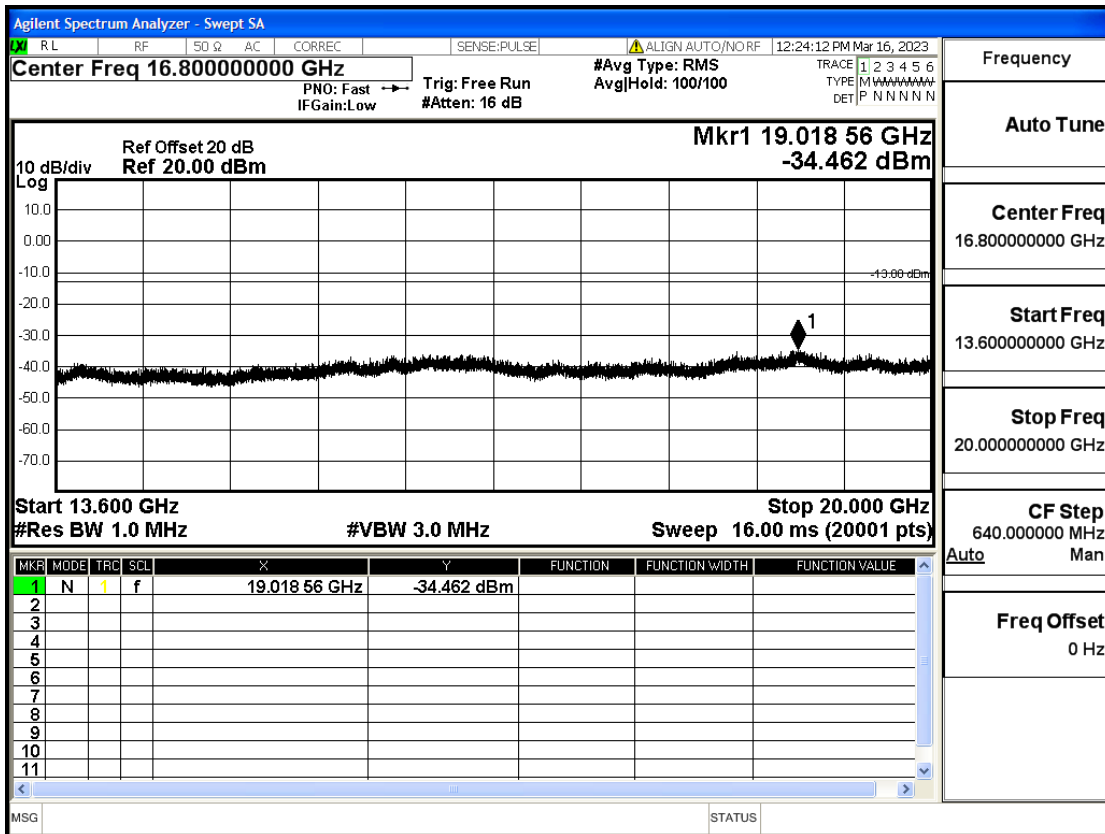
OB2-1.4-1909.3-Q16-6#LOW@1GHz-7GHz@Pass



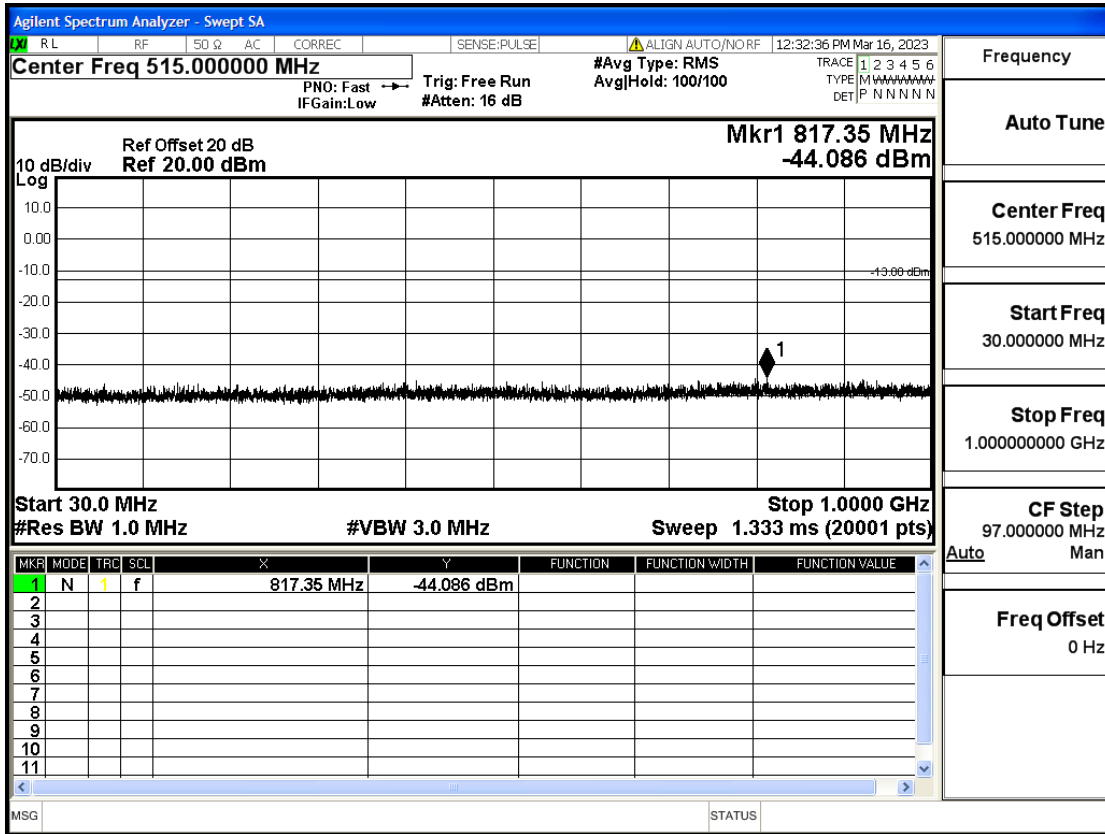
OB2-1.4-1909.3-Q16-6#LOW@7GHz-13.6GHz@Pass



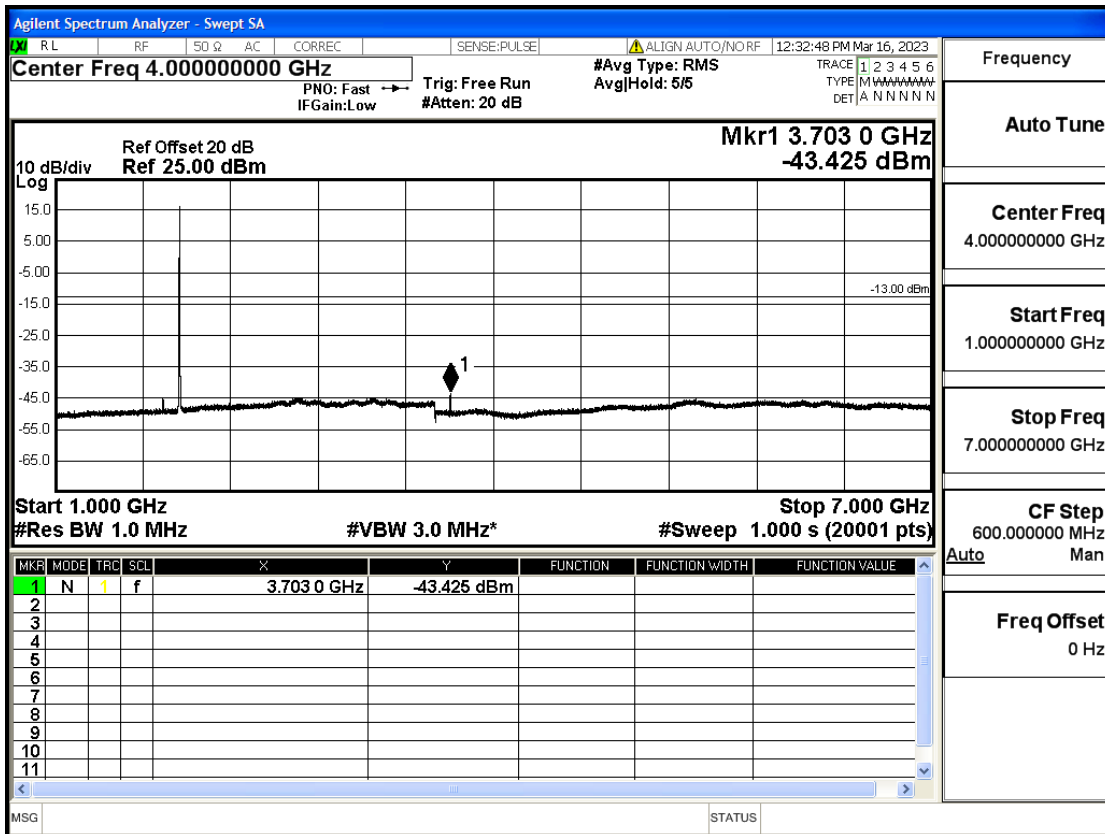
OB2-1.4-1909.3-Q16-6#LOW@13.6GHz-20GHz@Pass



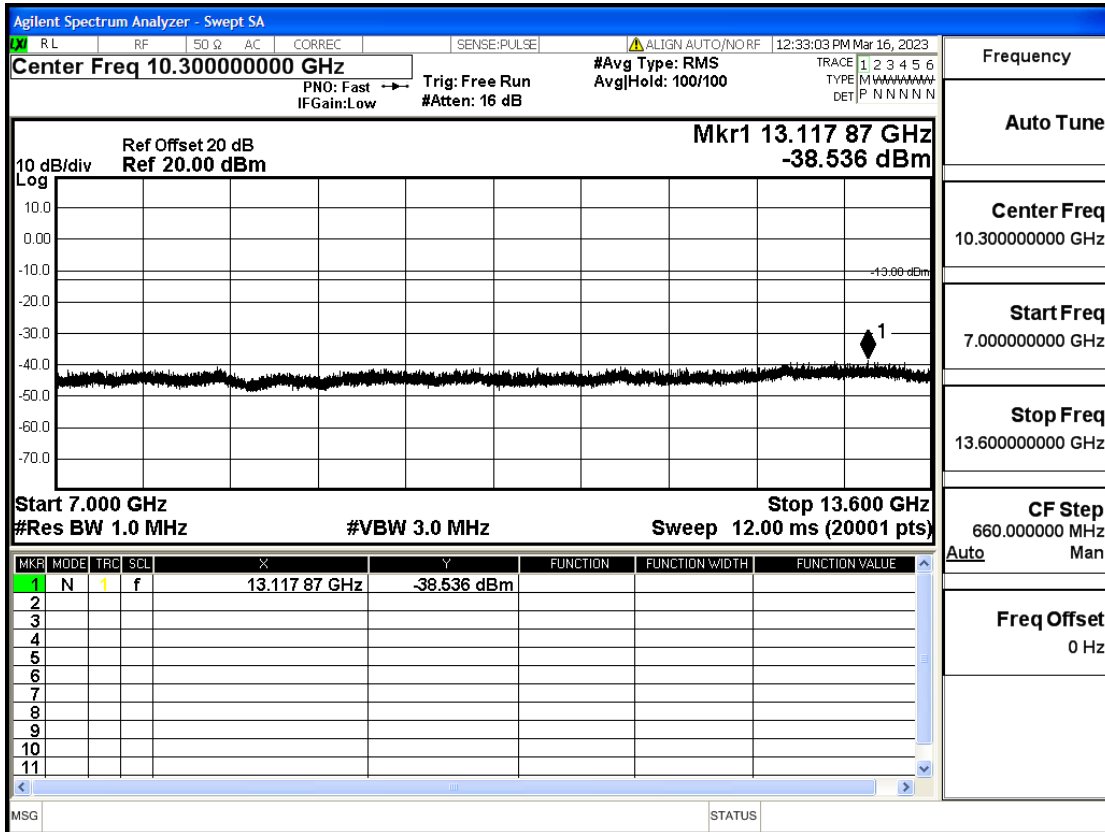
OB2-3-1851.5-Q16-15#LOW@30mHz-1GHz@Pass



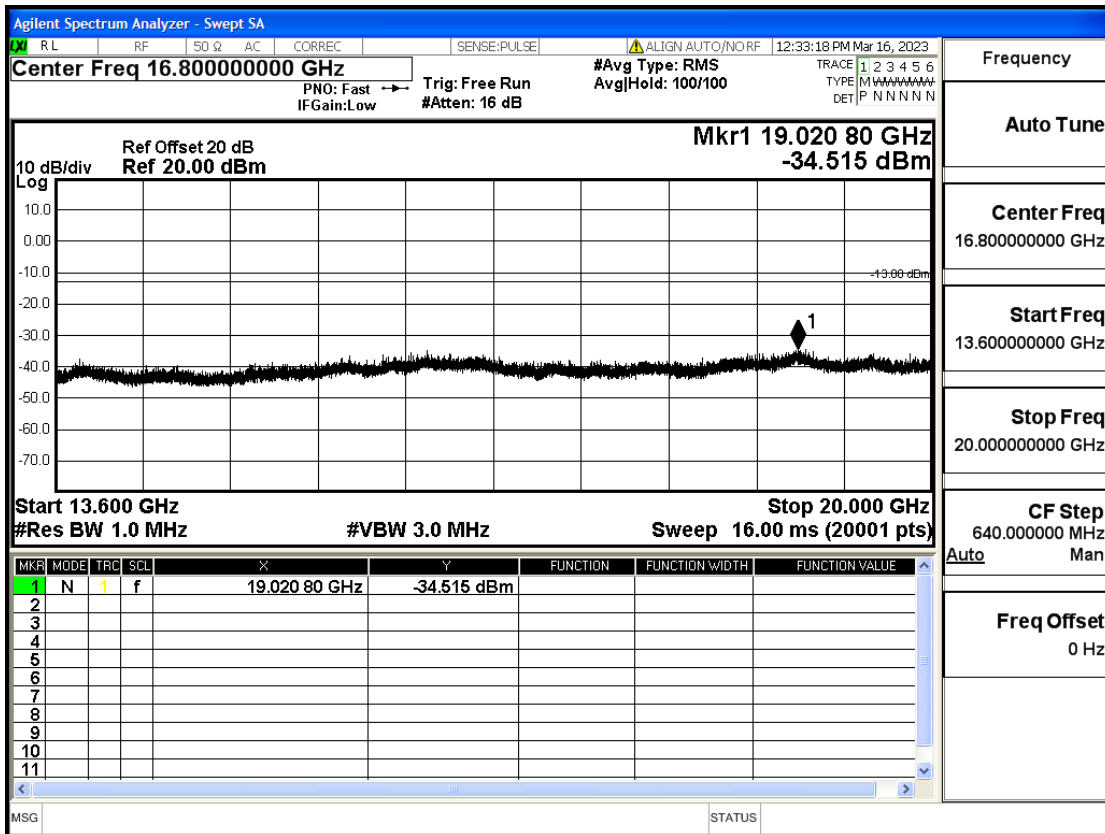
OB2-3-1851.5-Q16-15#LOW@1GHz-7GHz@Pass



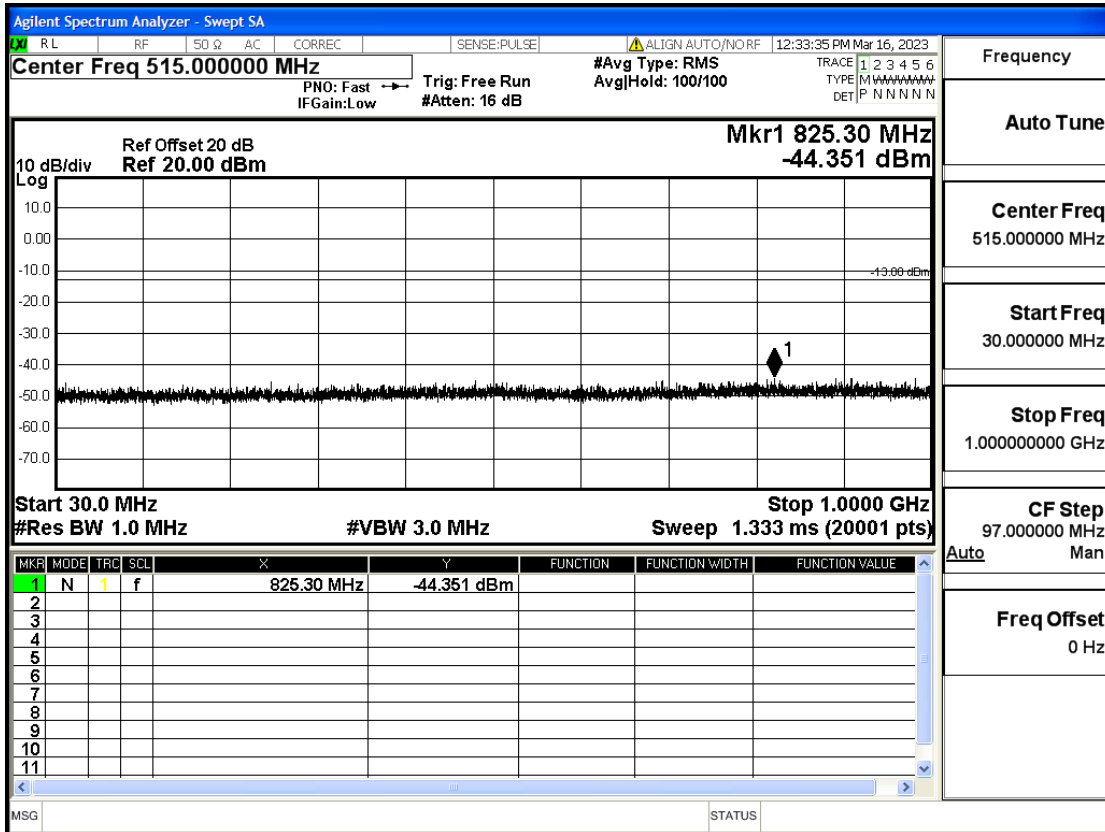
OB2-3-1851.5-Q16-15#LOW@7GHz-13.6GHz@Pass



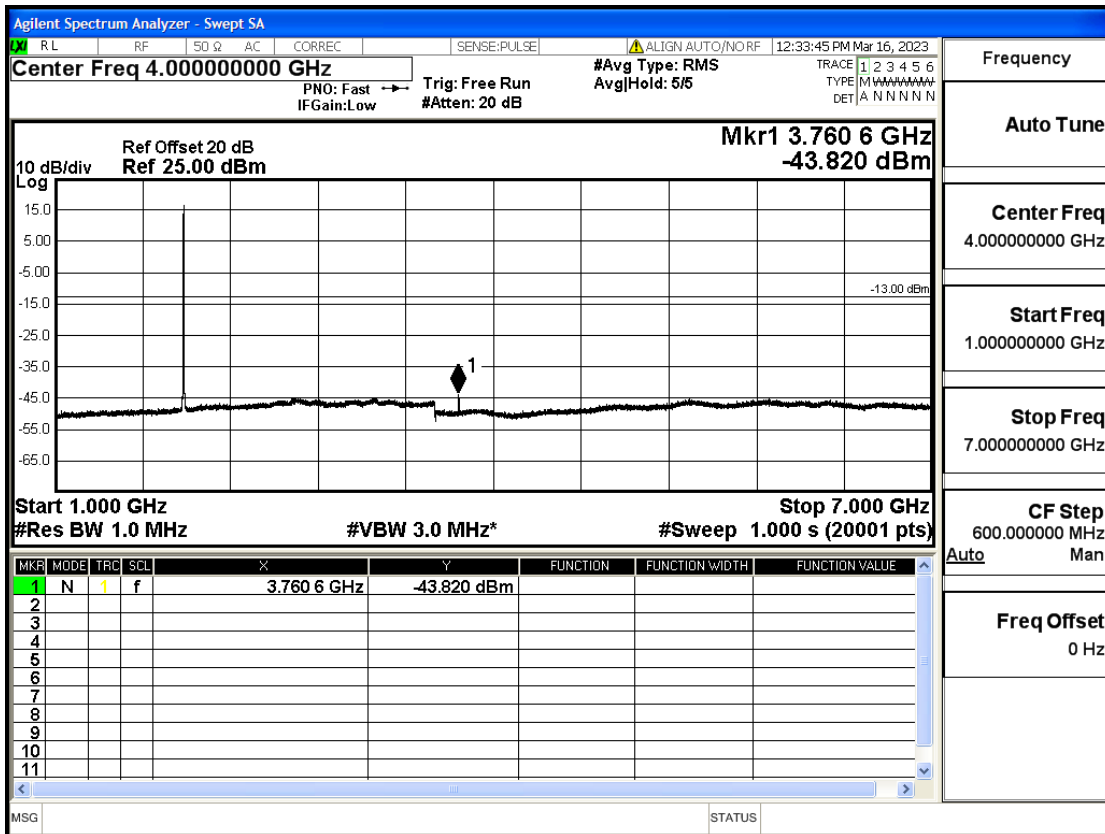
OB2-3-1851.5-Q16-15#LOW@13.6GHz-20GHz@Pass



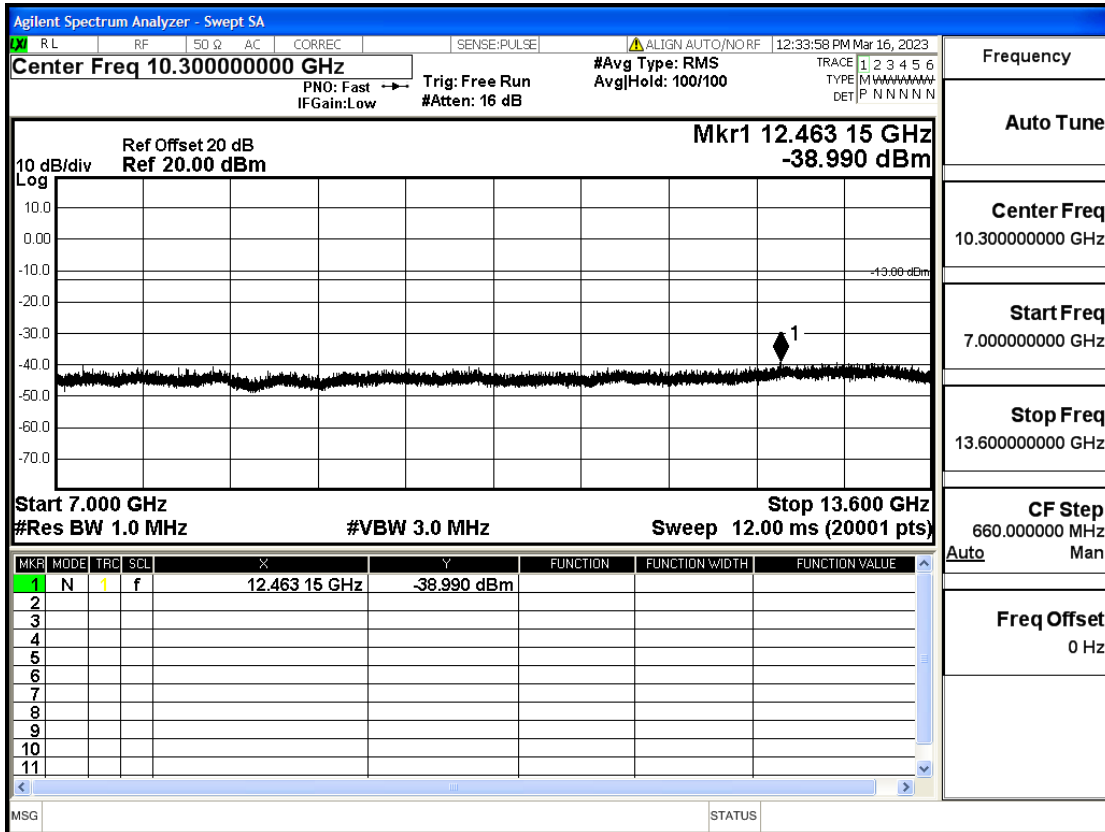
OB2-3-1880-Q16-15#LOW@30mHz-1GHz@Pass



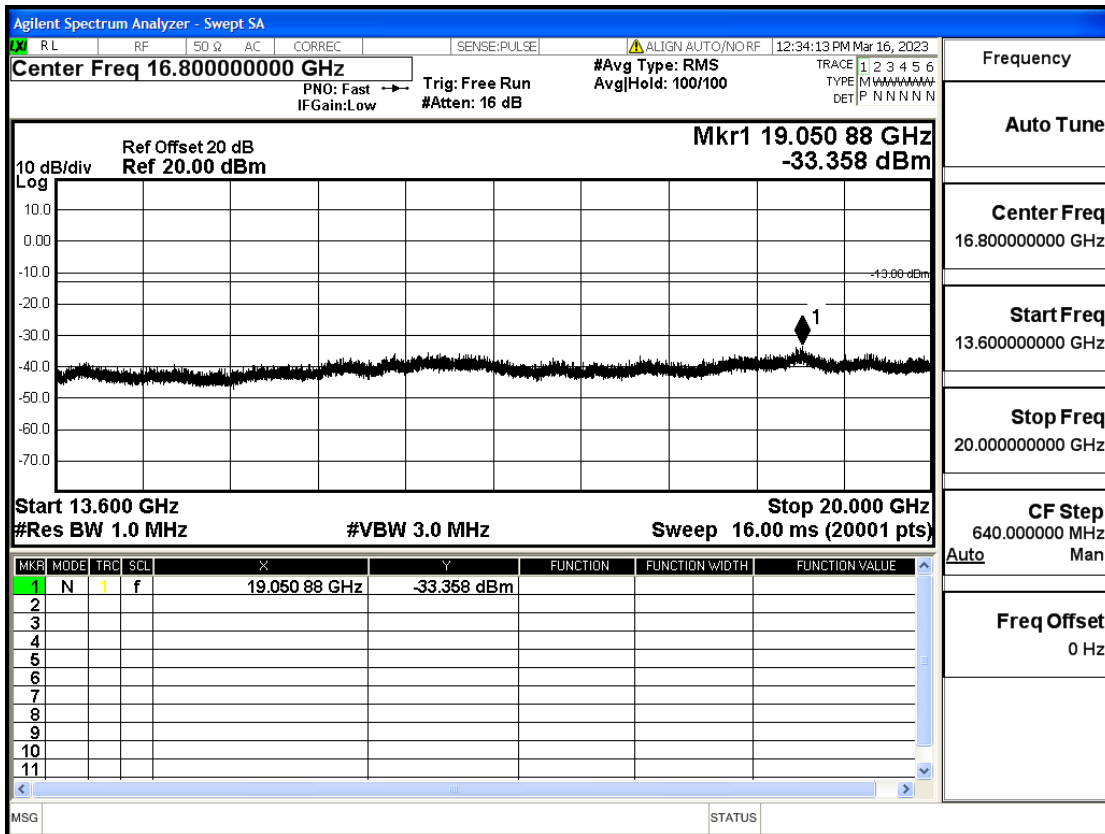
OB2-3-1880-Q16-15#LOW@1GHz-7GHz@Pass



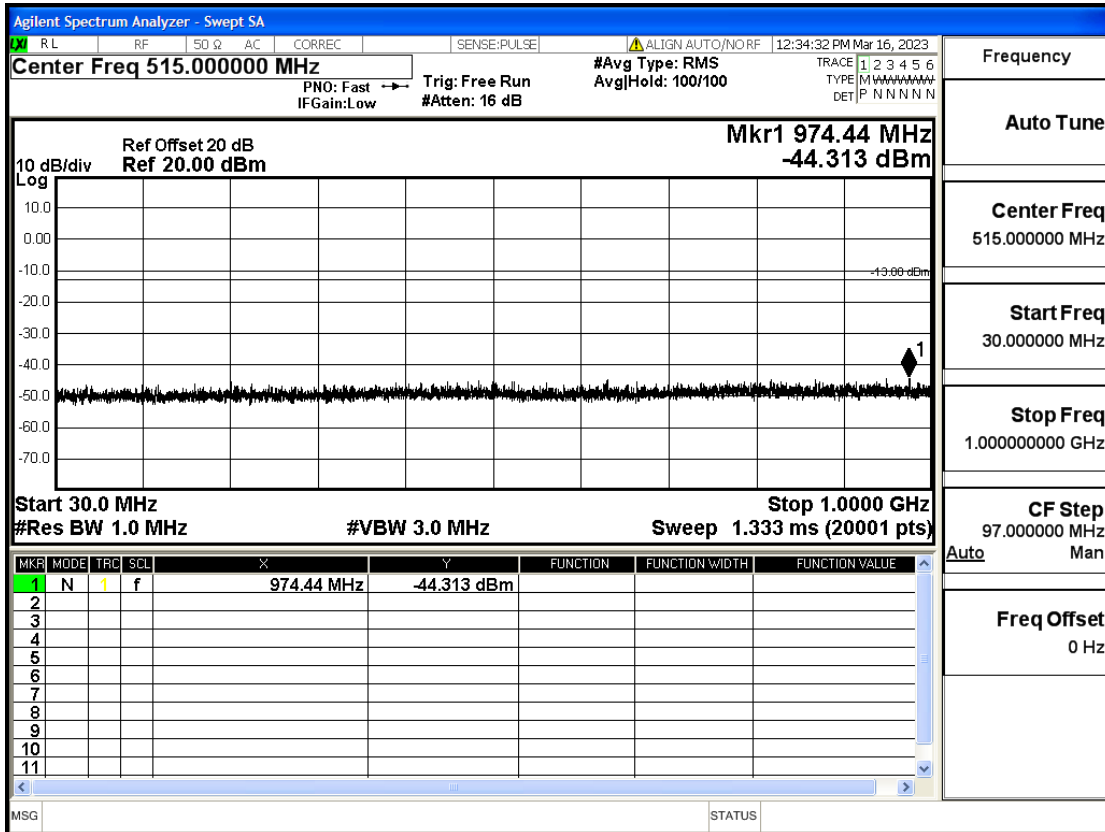
OB2-3-1880-Q16-15#LOW@7GHz-13.6GHz@Pass



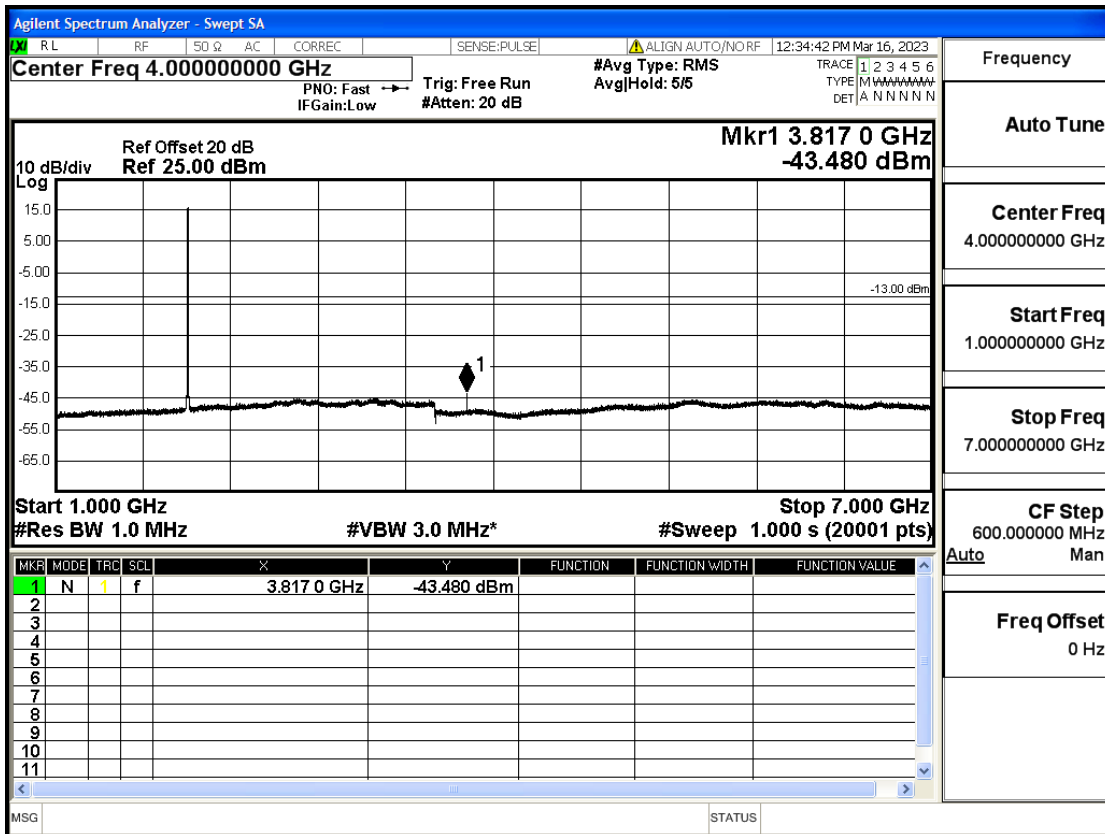
OB2-3-1880-Q16-15#LOW@13.6GHz-20GHz@Pass



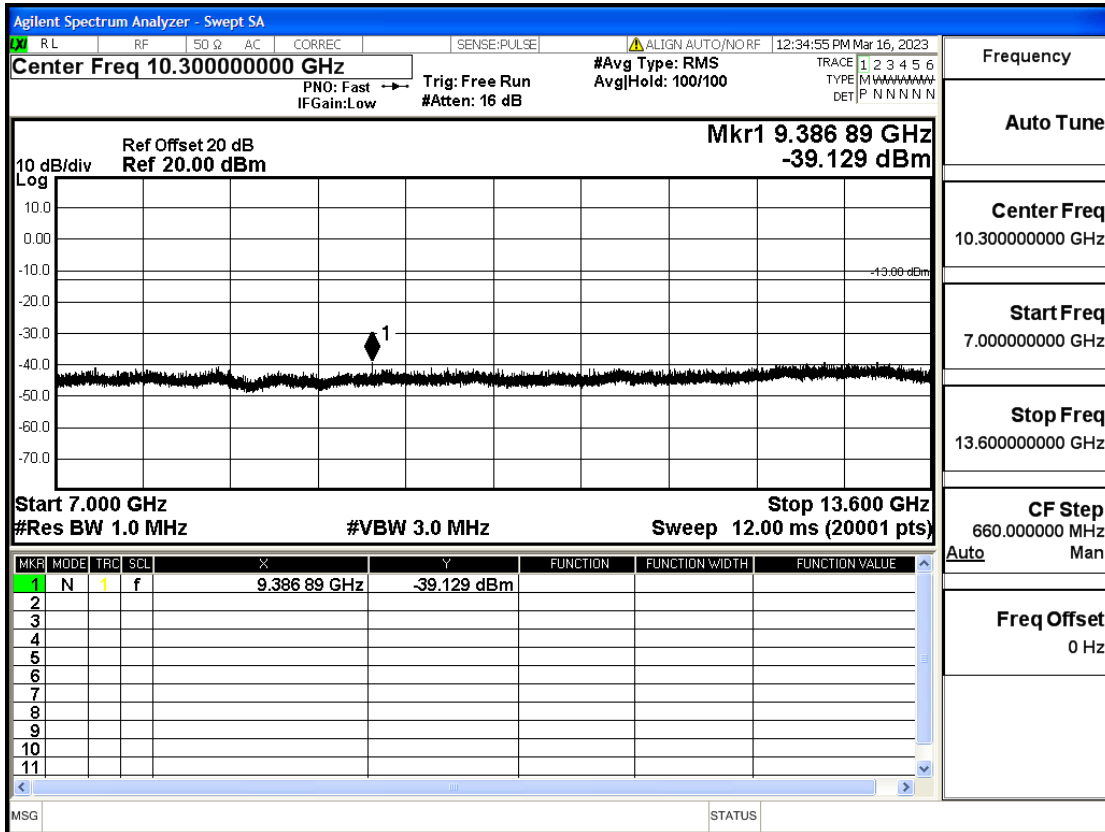
OB2-3-1908.5-Q16-15#LOW@30mHz-1GHz@Pass



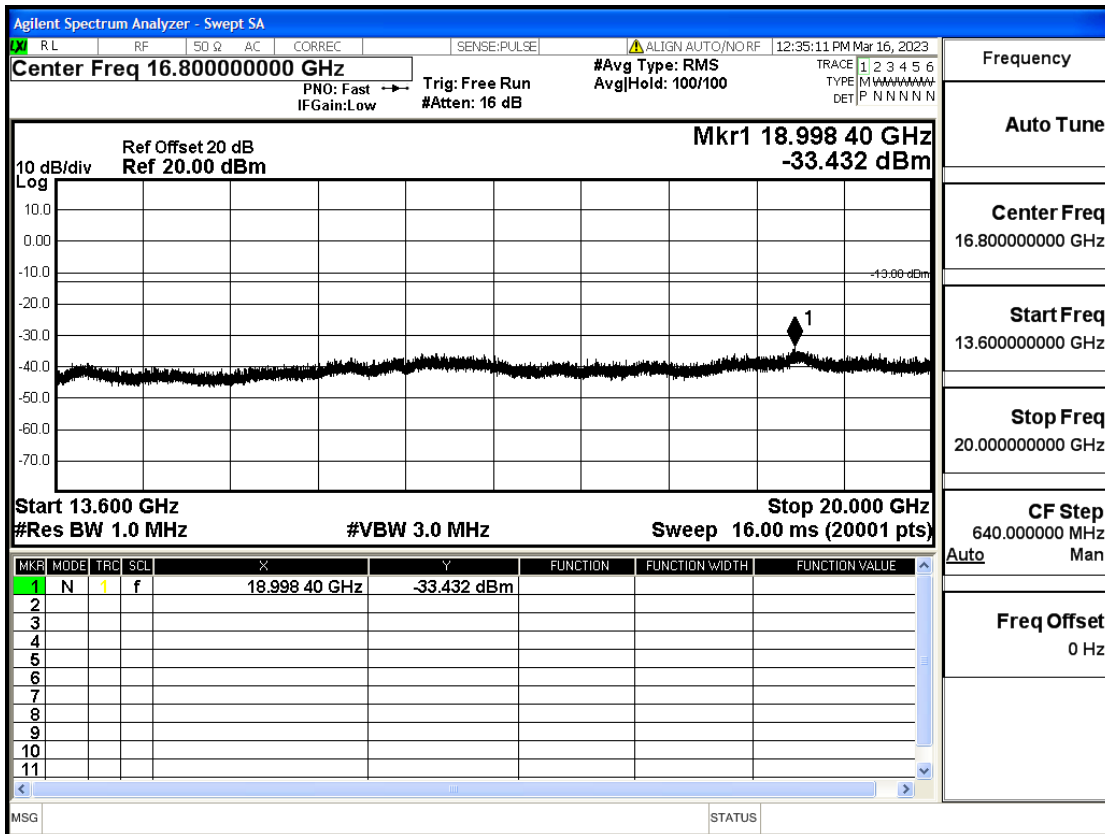
OB2-3-1908.5-Q16-15#LOW@1GHz-7GHz@Pass



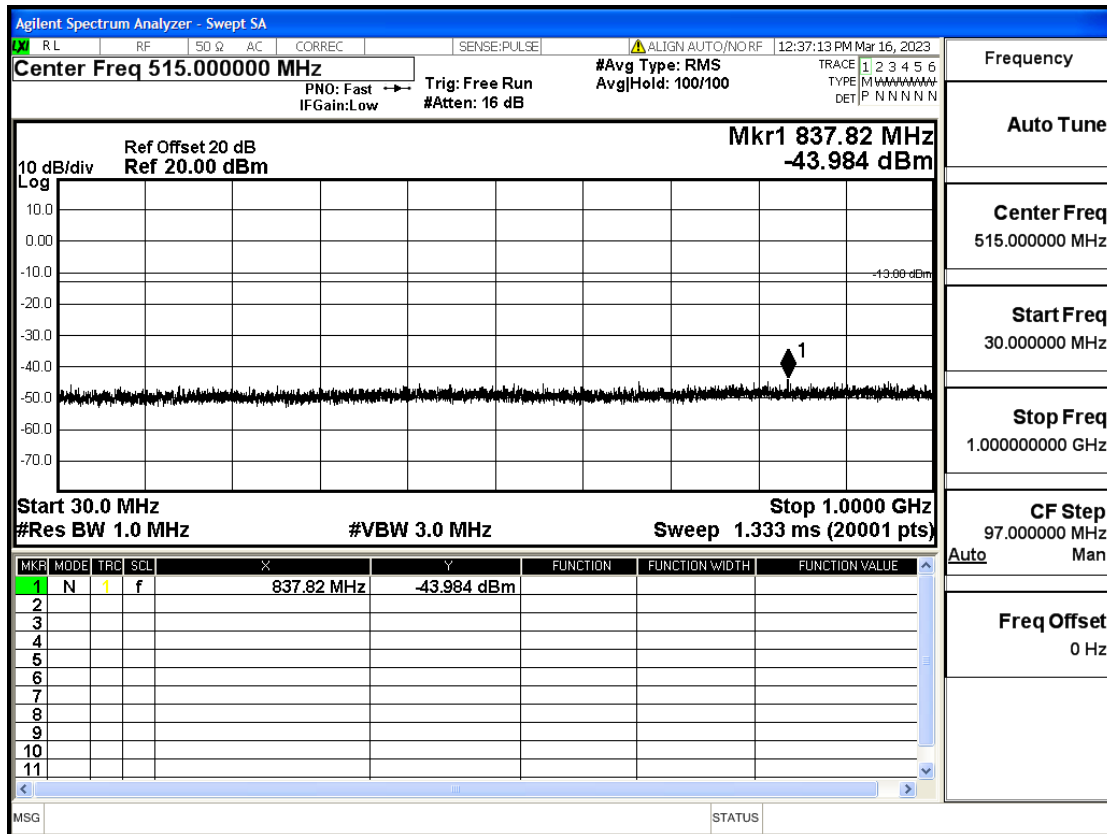
OB2-3-1908.5-Q16-15#LOW@7GHz-13.6GHz@Pass



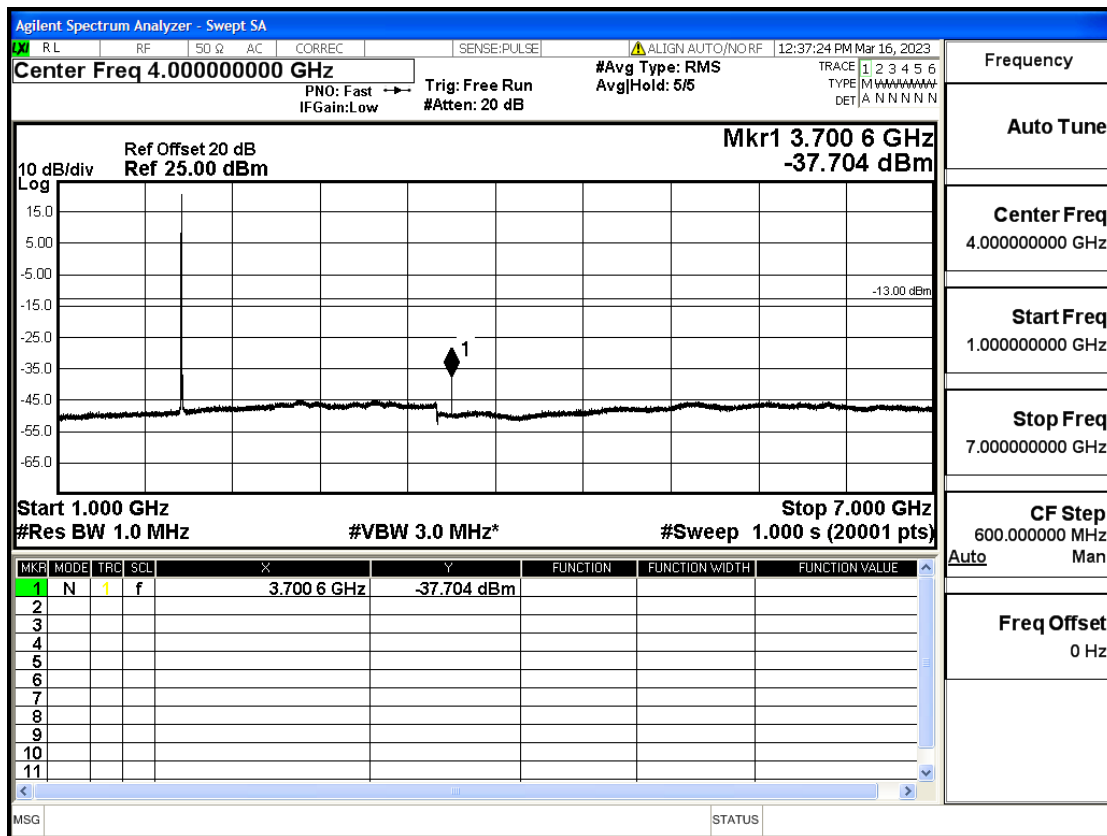
OB2-3-1908.5-Q16-15#LOW@13.6GHz-20GHz@Pass



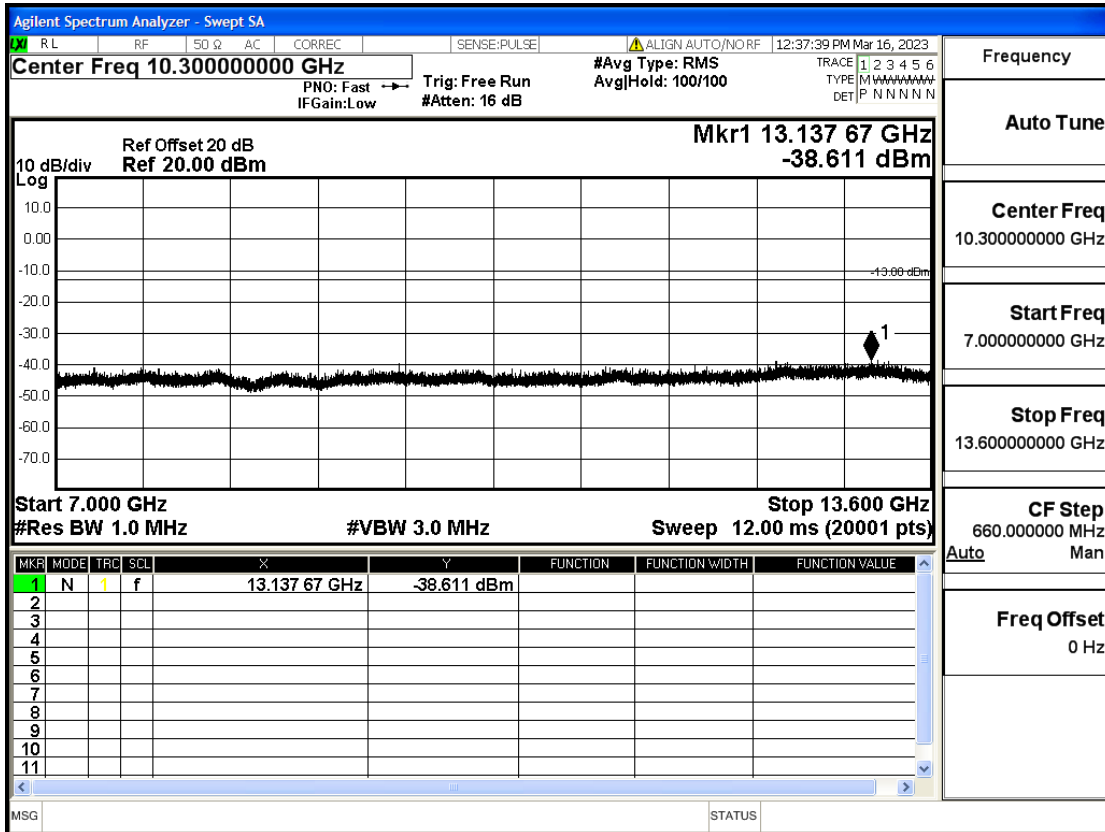
OB2-5-1852.5-Q16-25#LOW@30mHz-1GHz@Pass



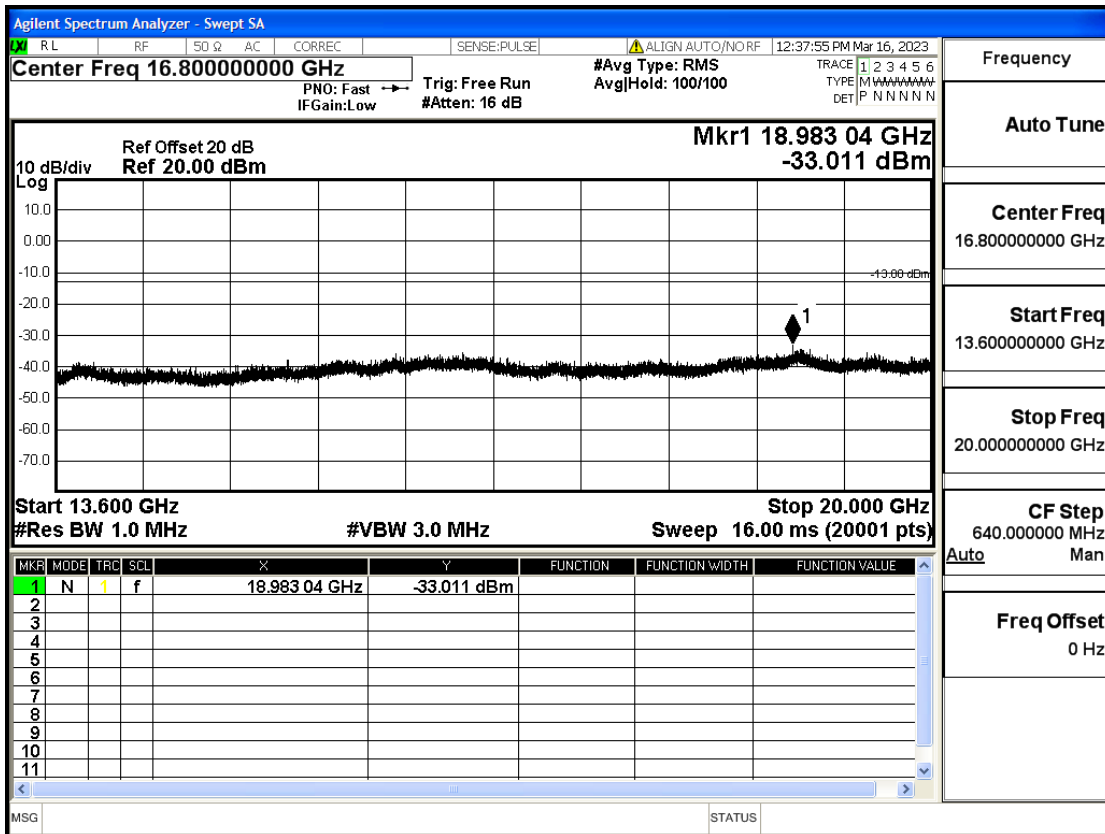
OB2-5-1852.5-Q16-25#LOW@1GHz-7GHz@Pass



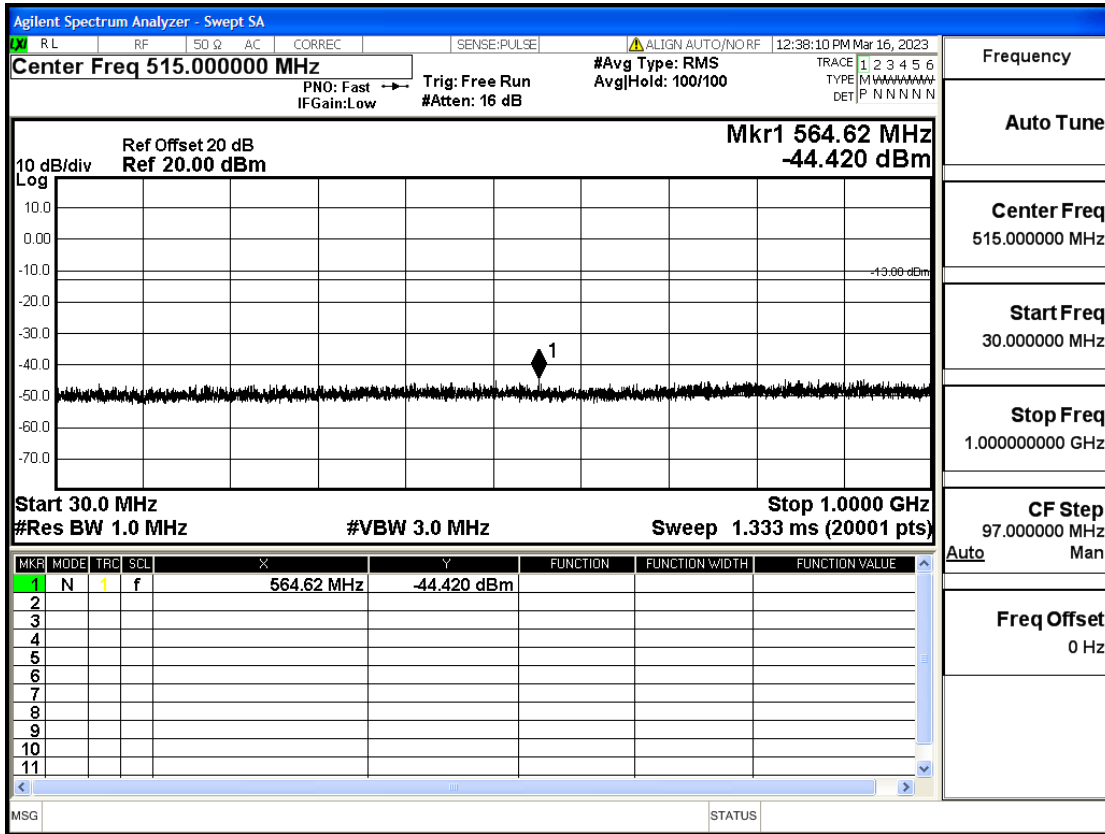
OB2-5-1852.5-Q16-25#LOW@7GHz-13.6GHz@Pass



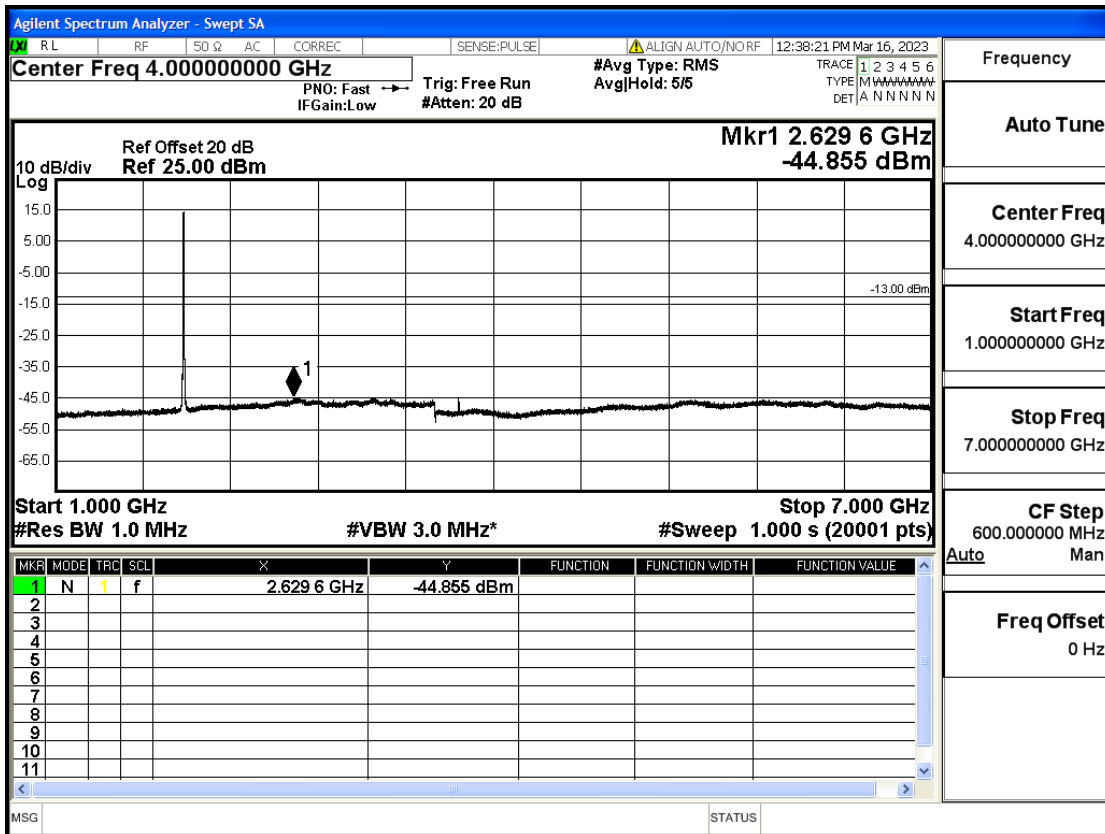
OB2-5-1852.5-Q16-25#LOW@13.6GHz-20GHz@Pass



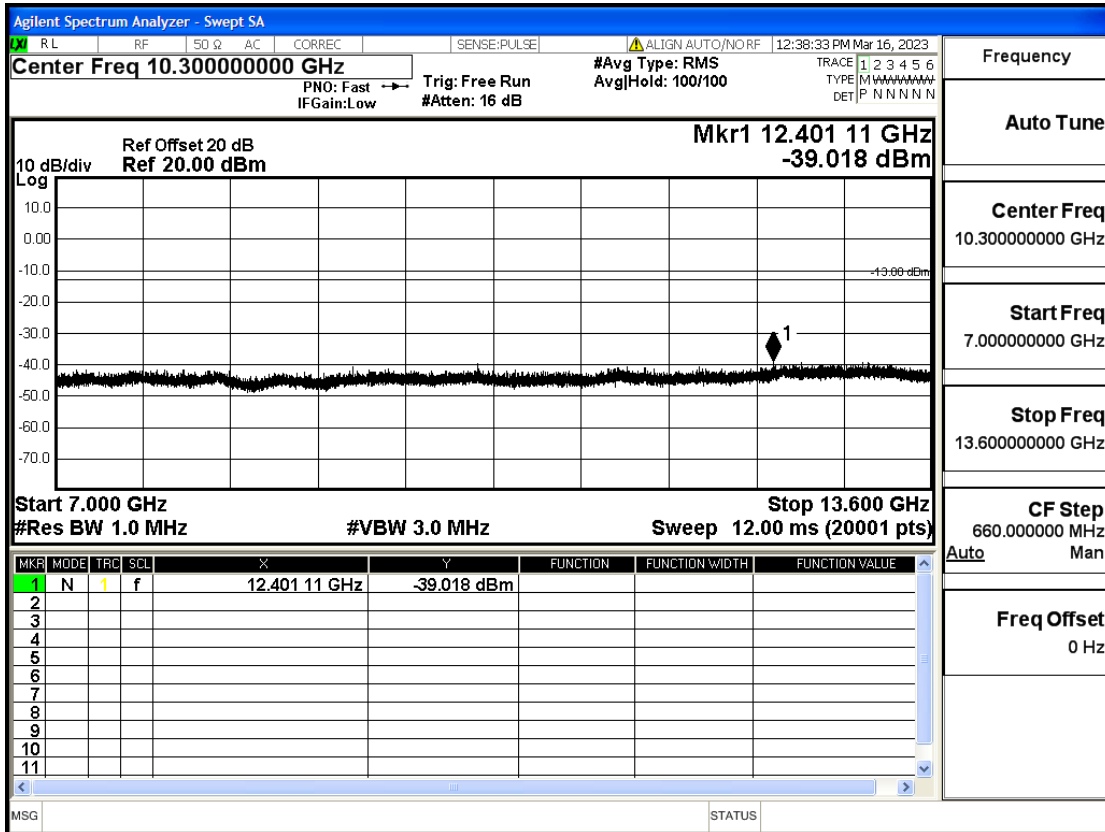
OB2-5-1880-Q16-25#LOW@30mHz-1GHz@Pass



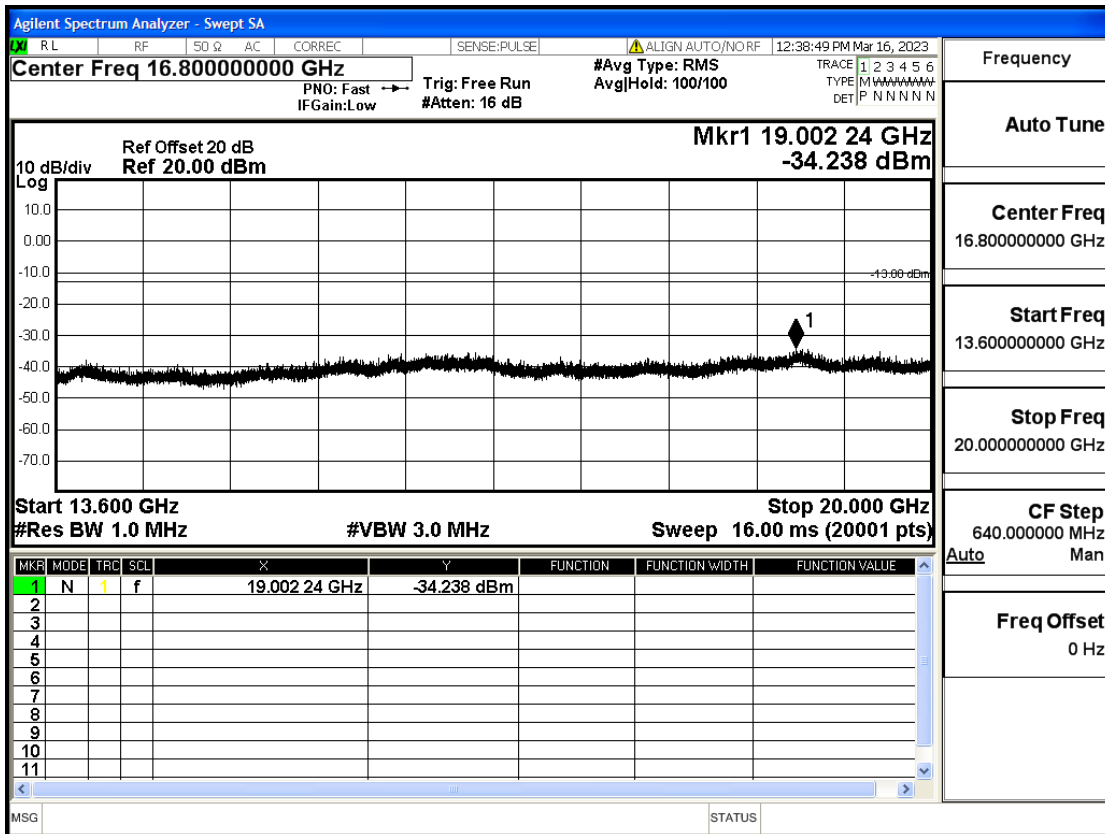
OB2-5-1880-Q16-25#LOW@1GHz-7GHz@Pass



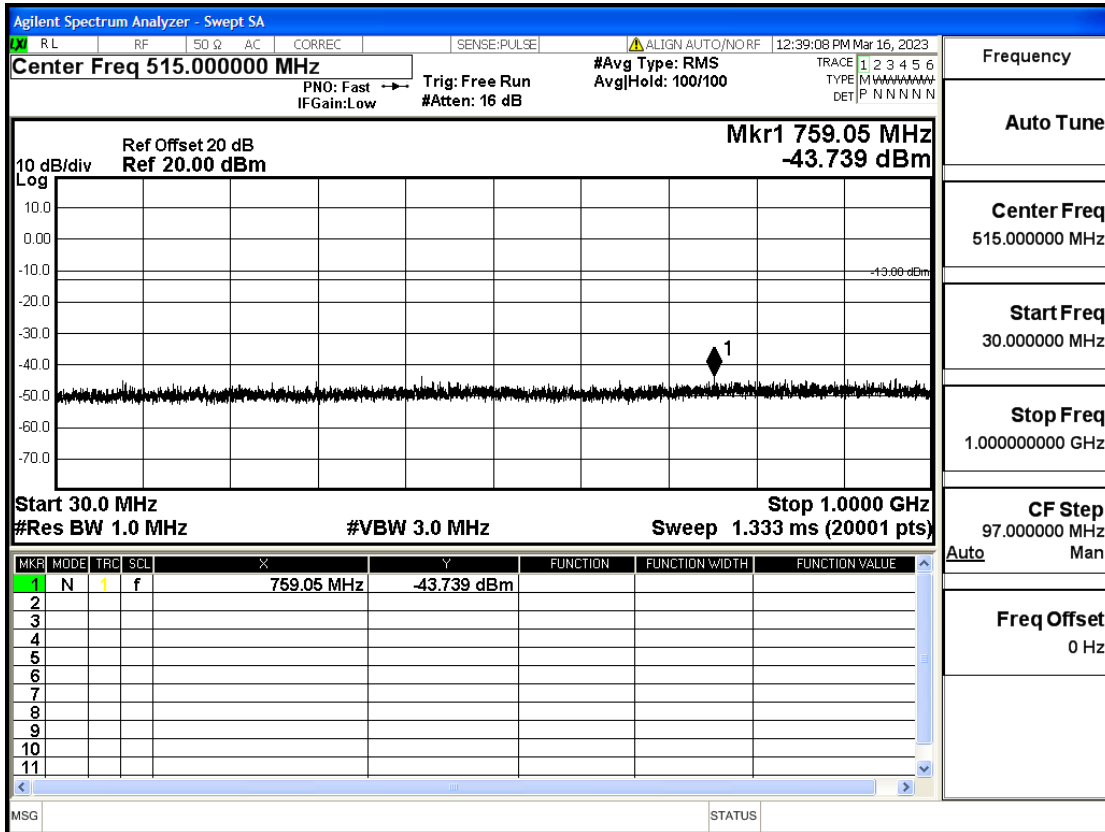
OB2-5-1880-Q16-25#LOW@7GHz-13.6GHz@Pass



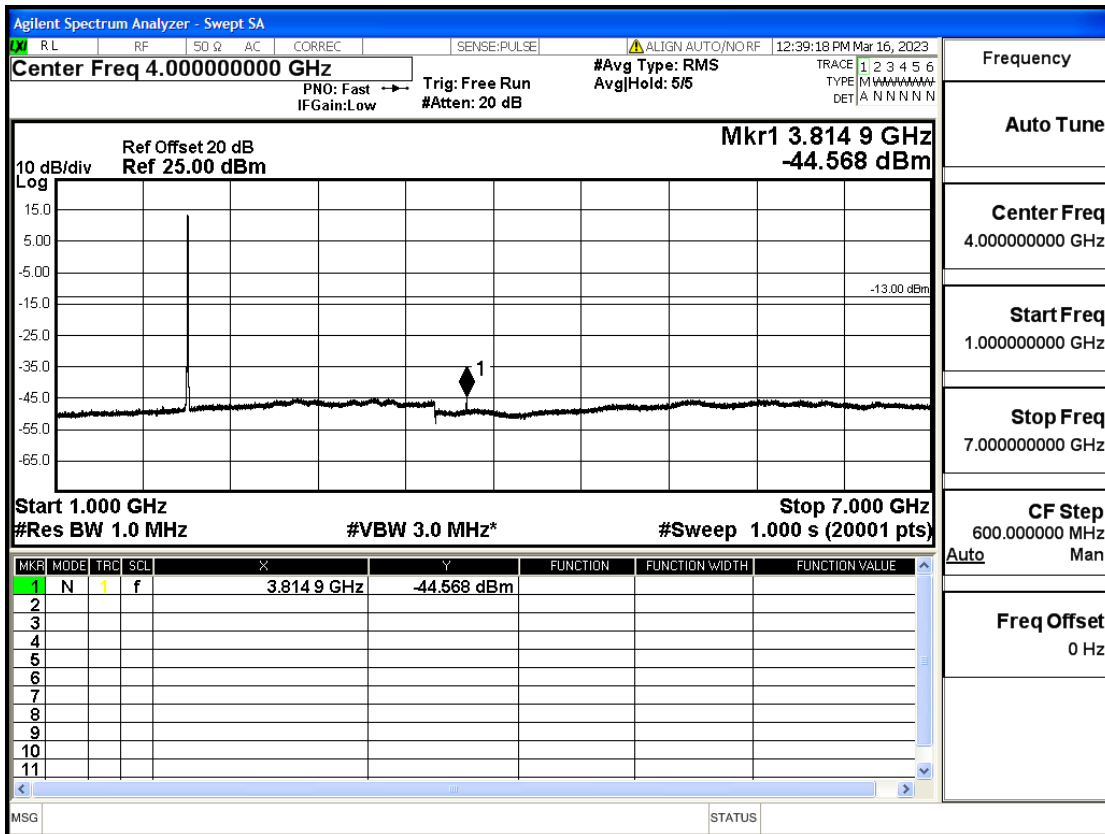
OB2-5-1880-Q16-25#LOW@13.6GHz-20GHz@Pass



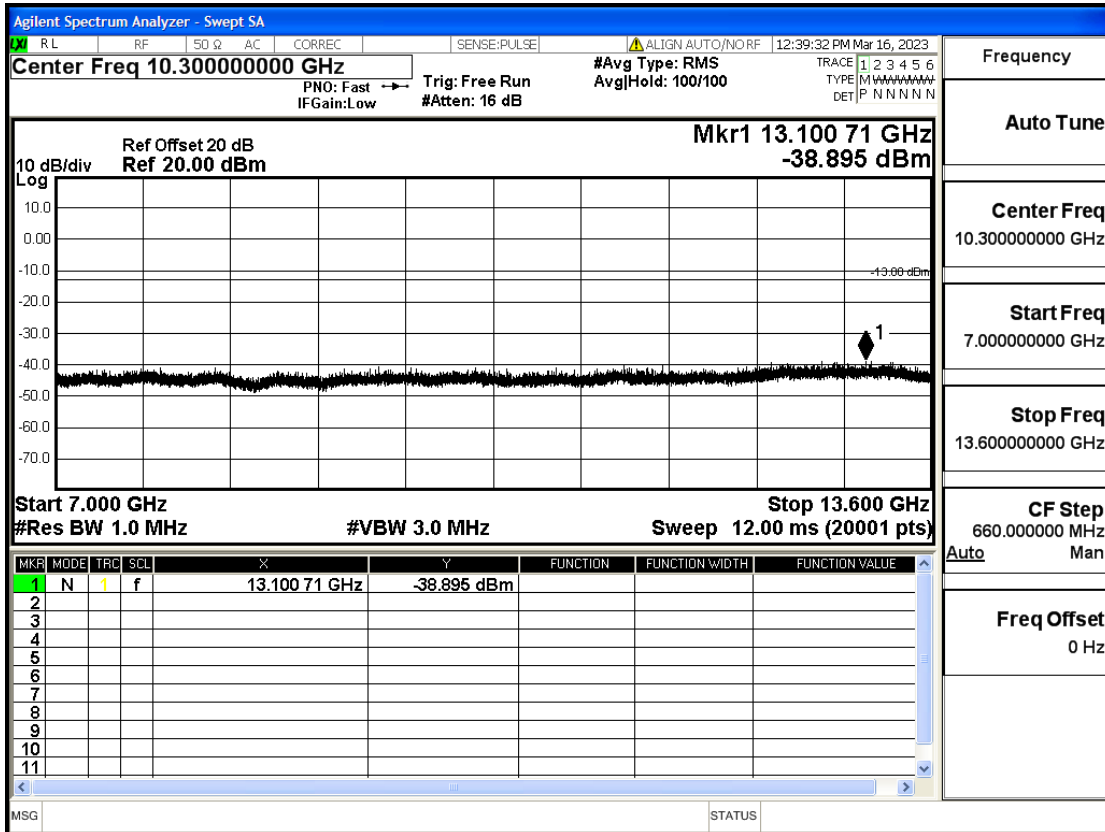
OB2-5-1907.5-Q16-25#LOW@30mHz-1GHz@Pass



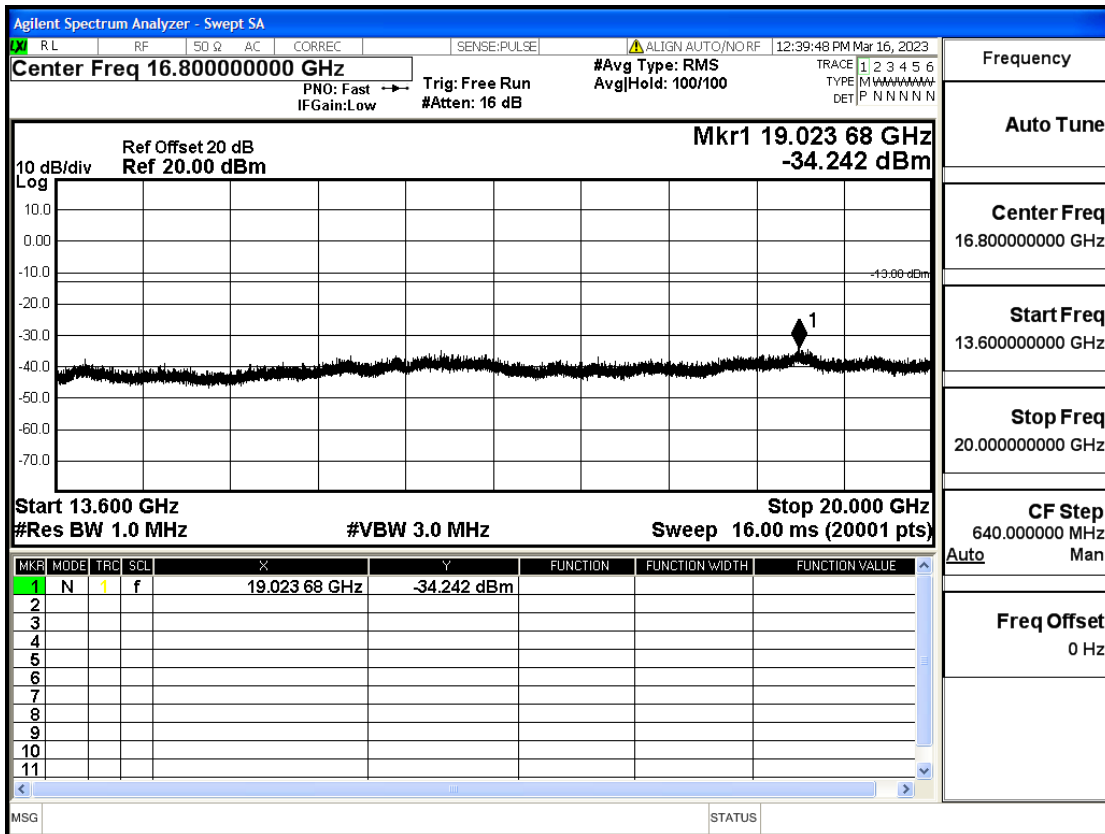
OB2-5-1907.5-Q16-25#LOW@1GHz-7GHz@Pass



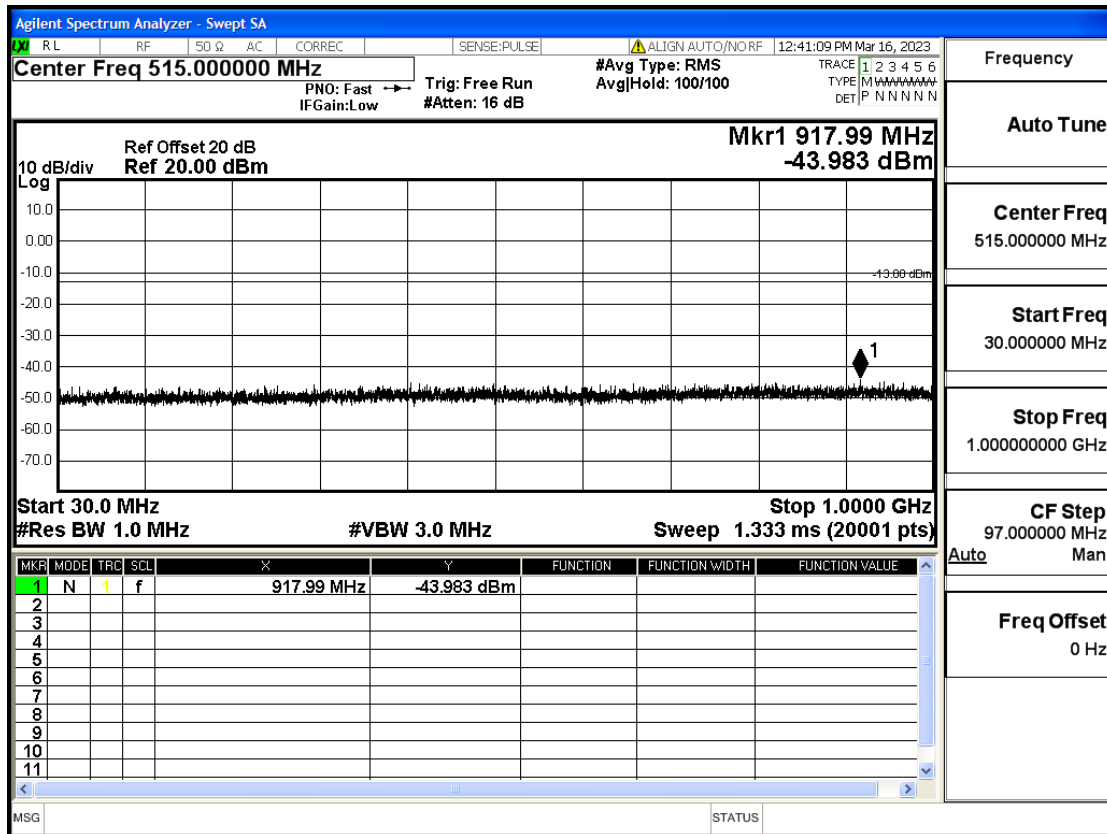
OB2-5-1907.5-Q16-25#LOW@7GHz-13.6GHz@Pass



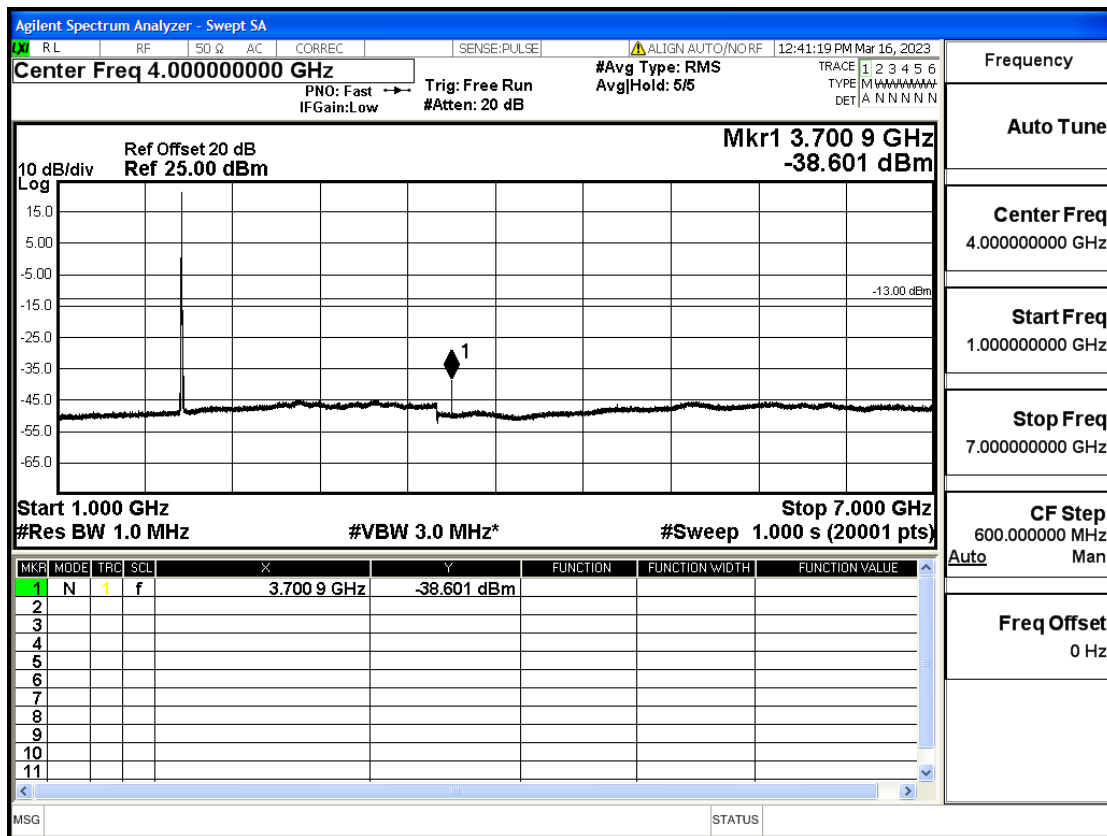
OB2-5-1907.5-Q16-25#LOW@13.6GHz-20GHz@Pass



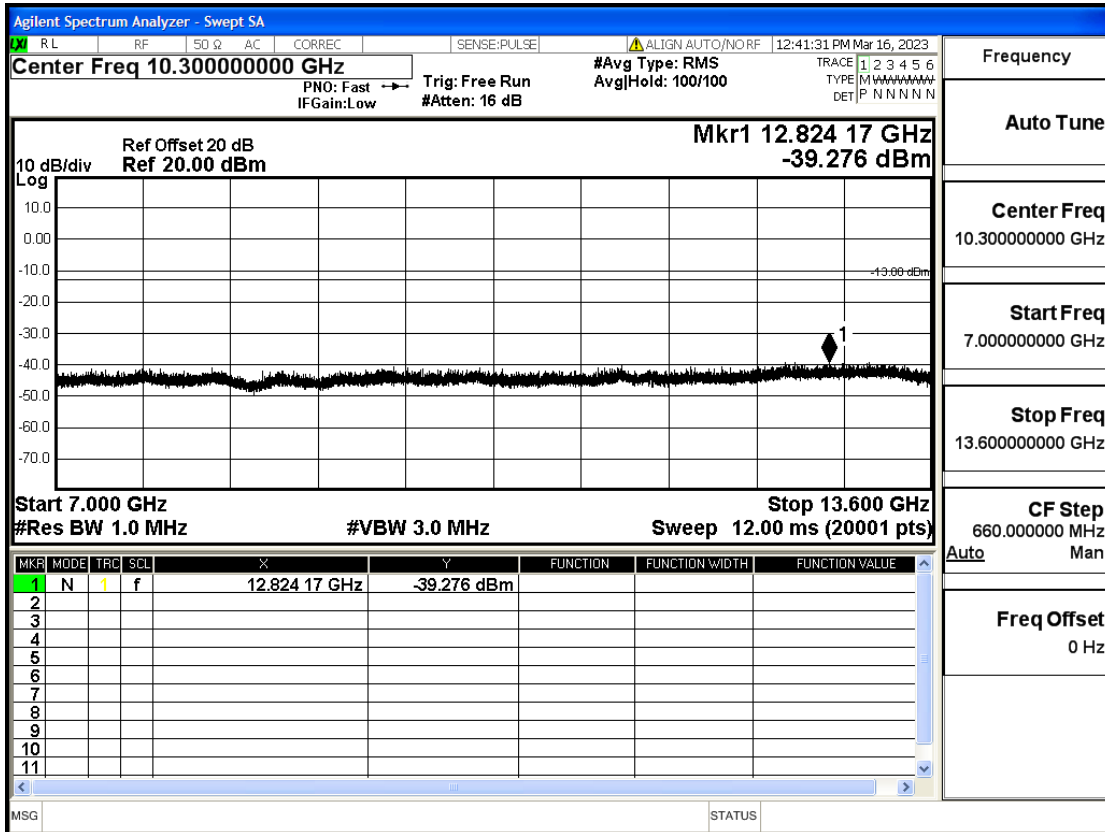
OB2-10-1855-Q16-50#LOW@30mHz-1GHz@Pass



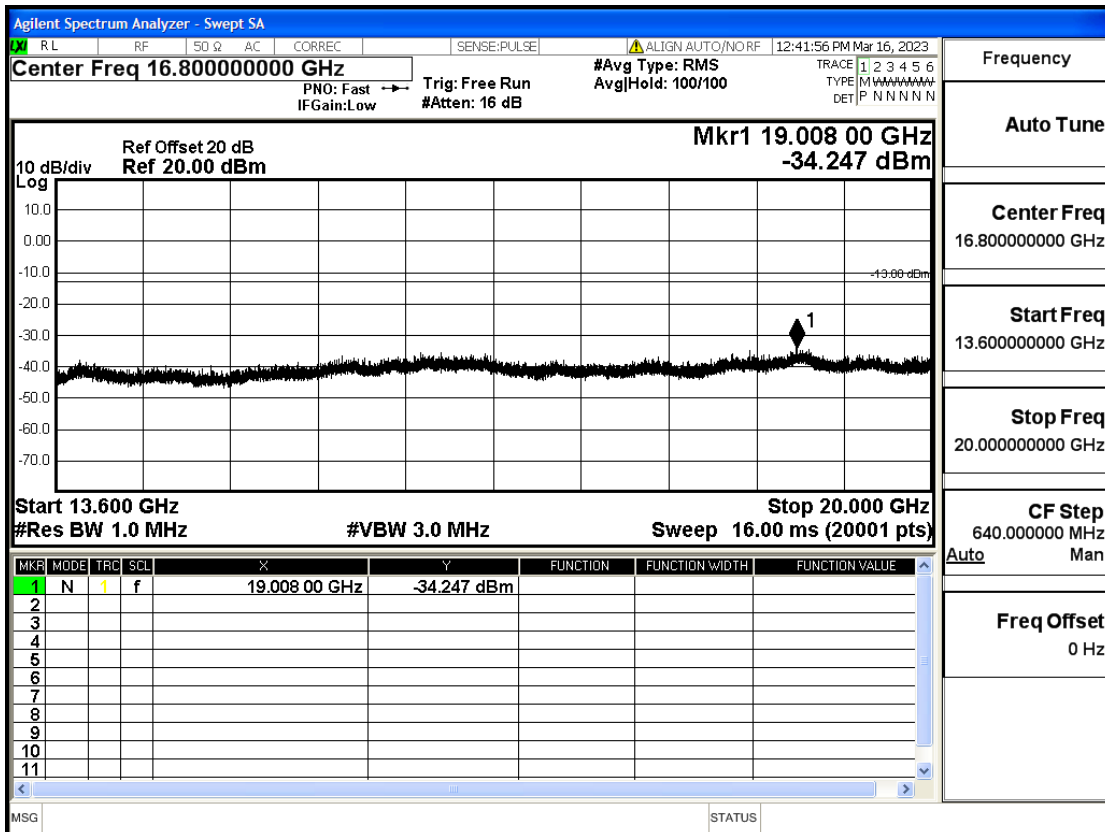
OB2-10-1855-Q16-50#LOW@1GHz-7GHz@Pass



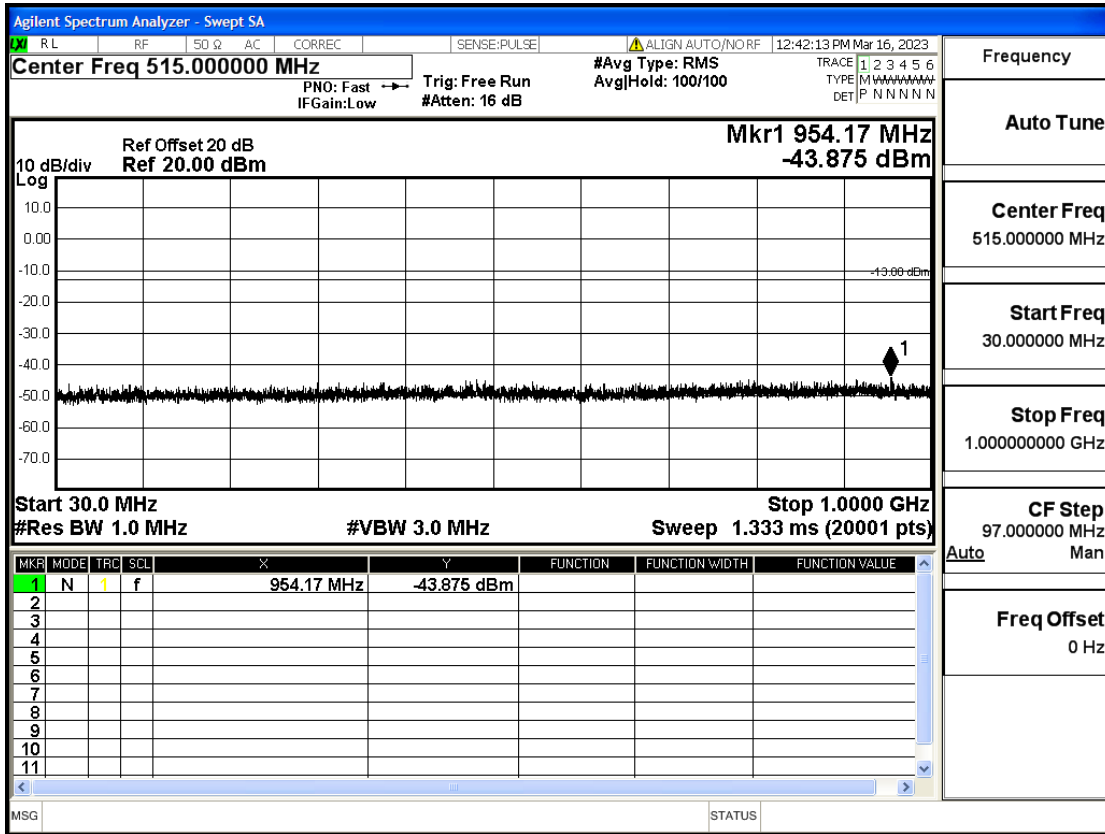
OB2-10-1855-Q16-50#LOW@7GHz-13.6GHz@Pass



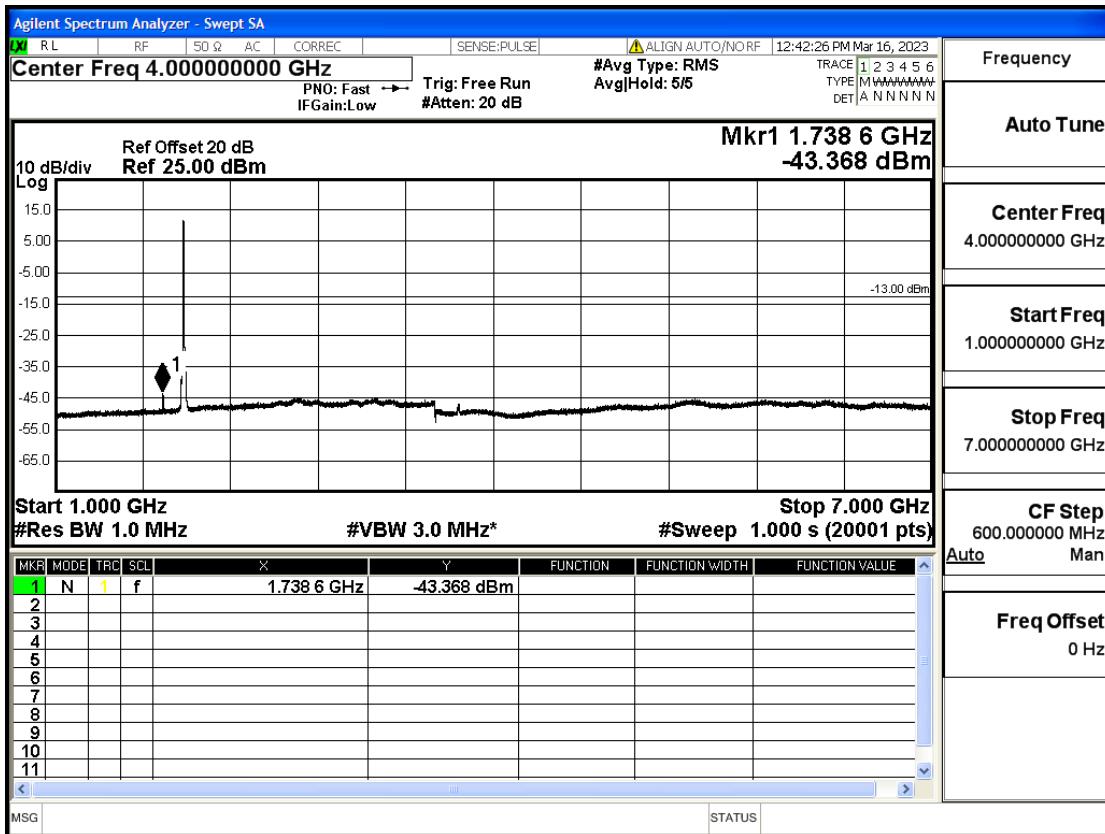
OB2-10-1855-Q16-50#LOW@13.6GHz-20GHz@Pass



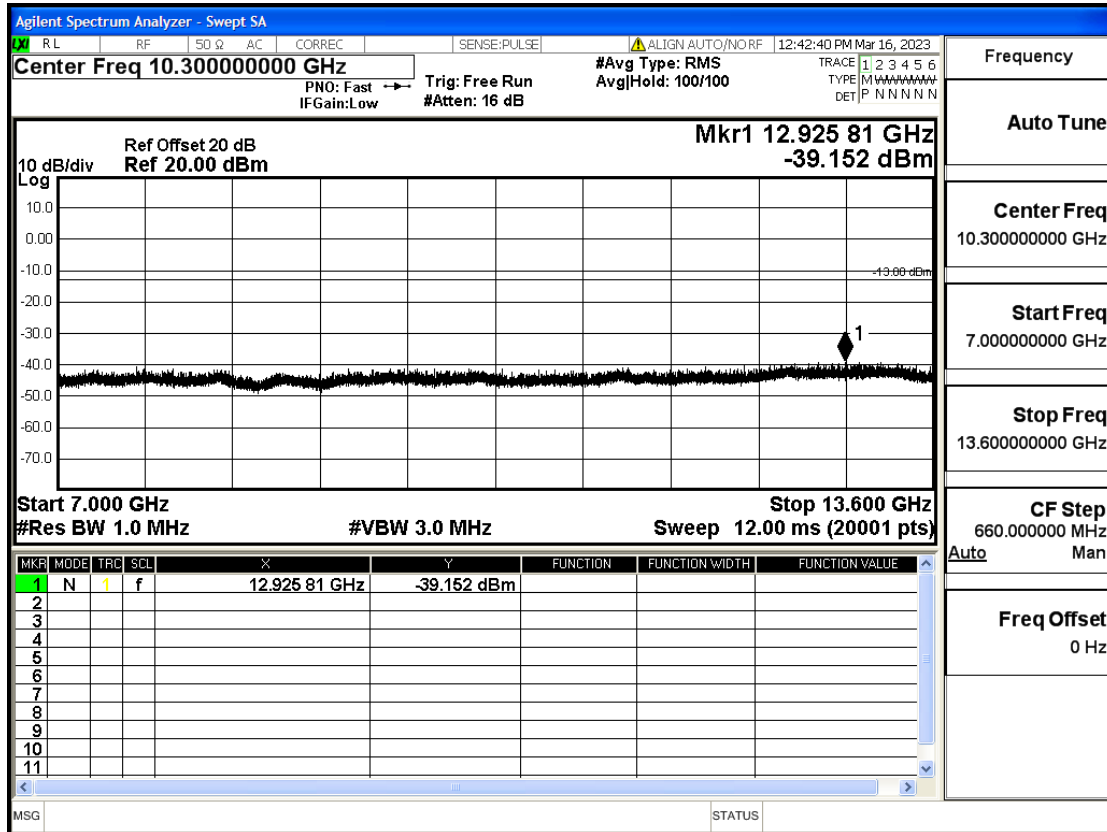
OB2-10-1880-Q16-50#LOW@30mHz-1GHz@Pass



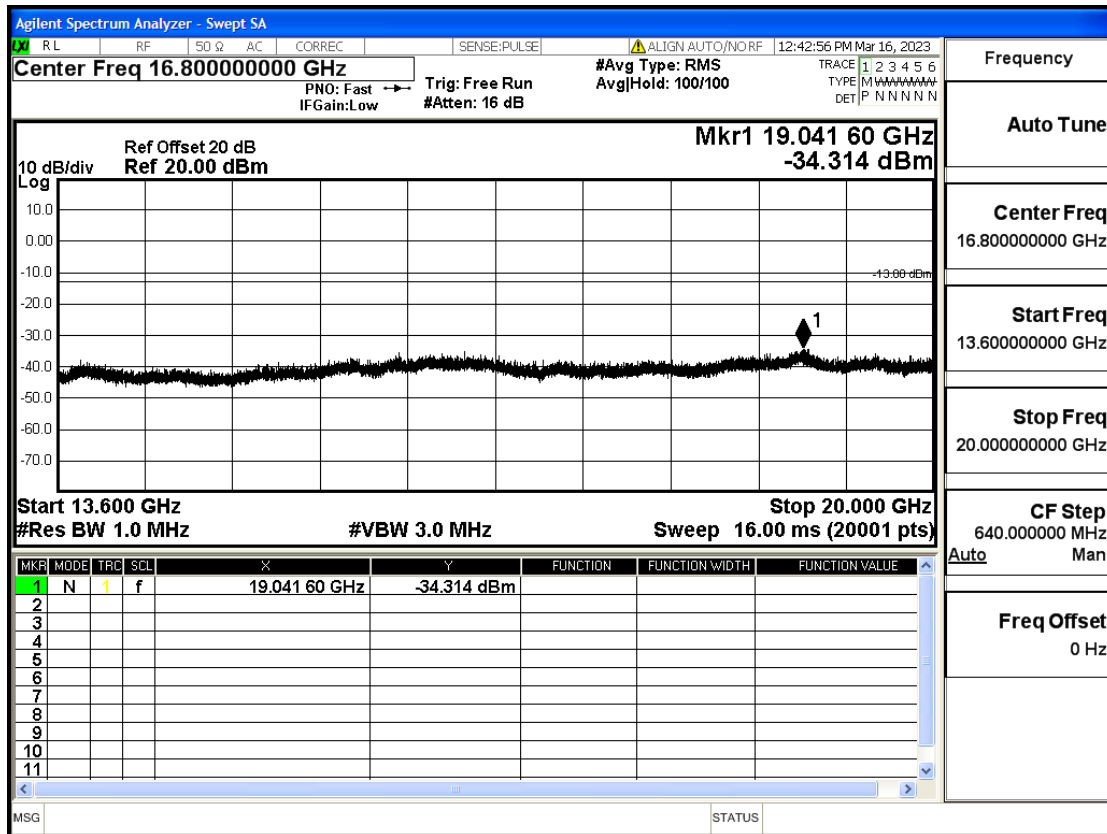
OB2-10-1880-Q16-50#LOW@1GHz-7GHz@Pass



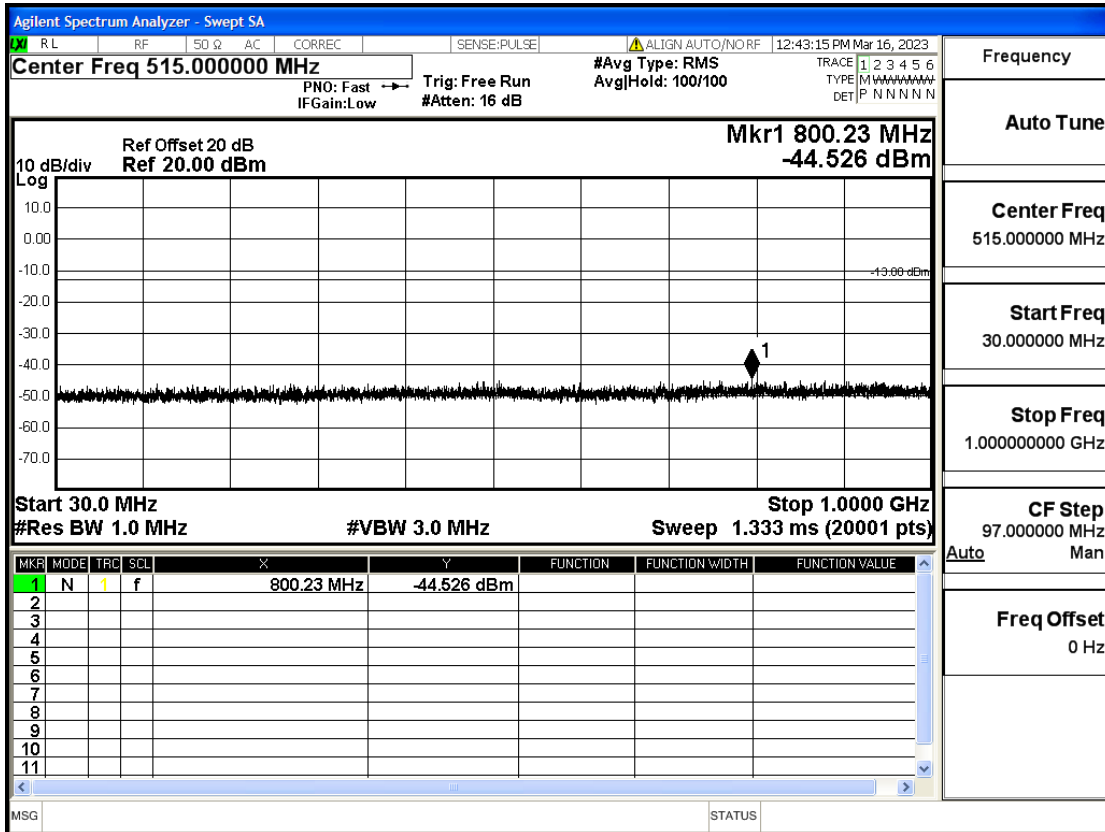
OB2-10-1880-Q16-50#LOW@7GHz-13.6GHz@Pass



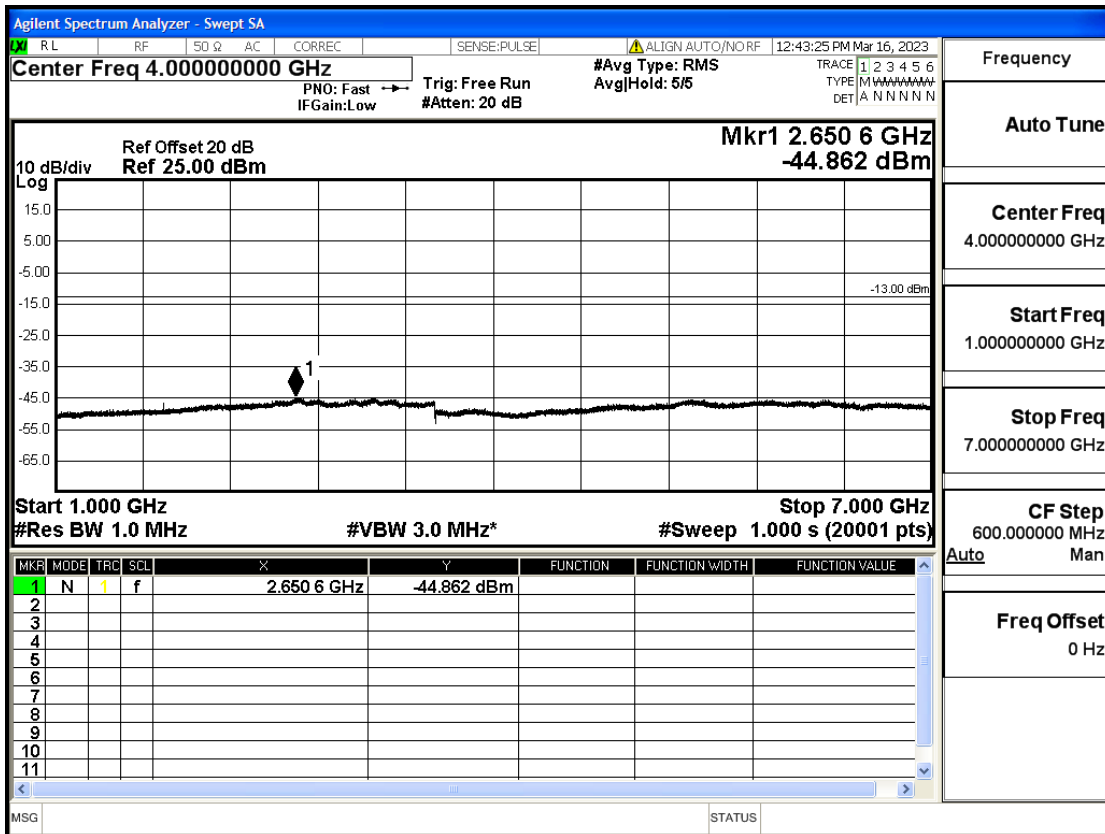
OB2-10-1880-Q16-50#LOW@13.6GHz-20GHz@Pass



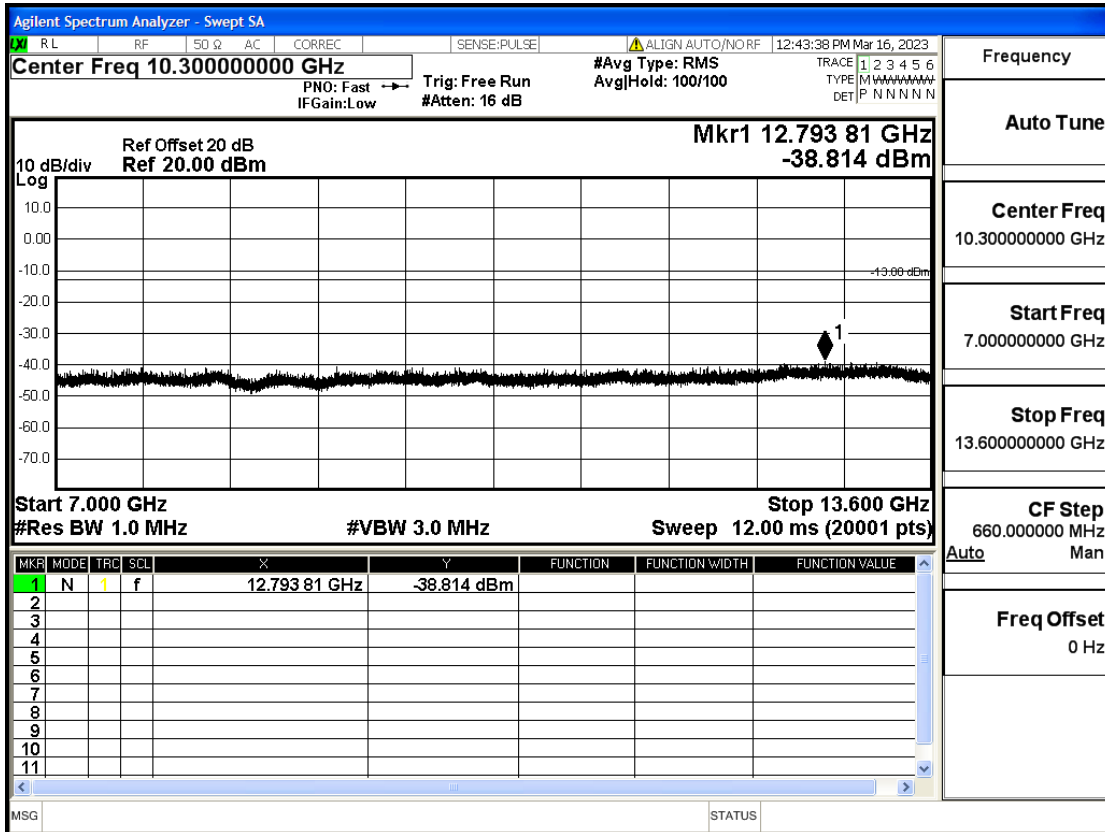
OB2-10-1905-Q16-50#LOW@30mHz-1GHz@Pass



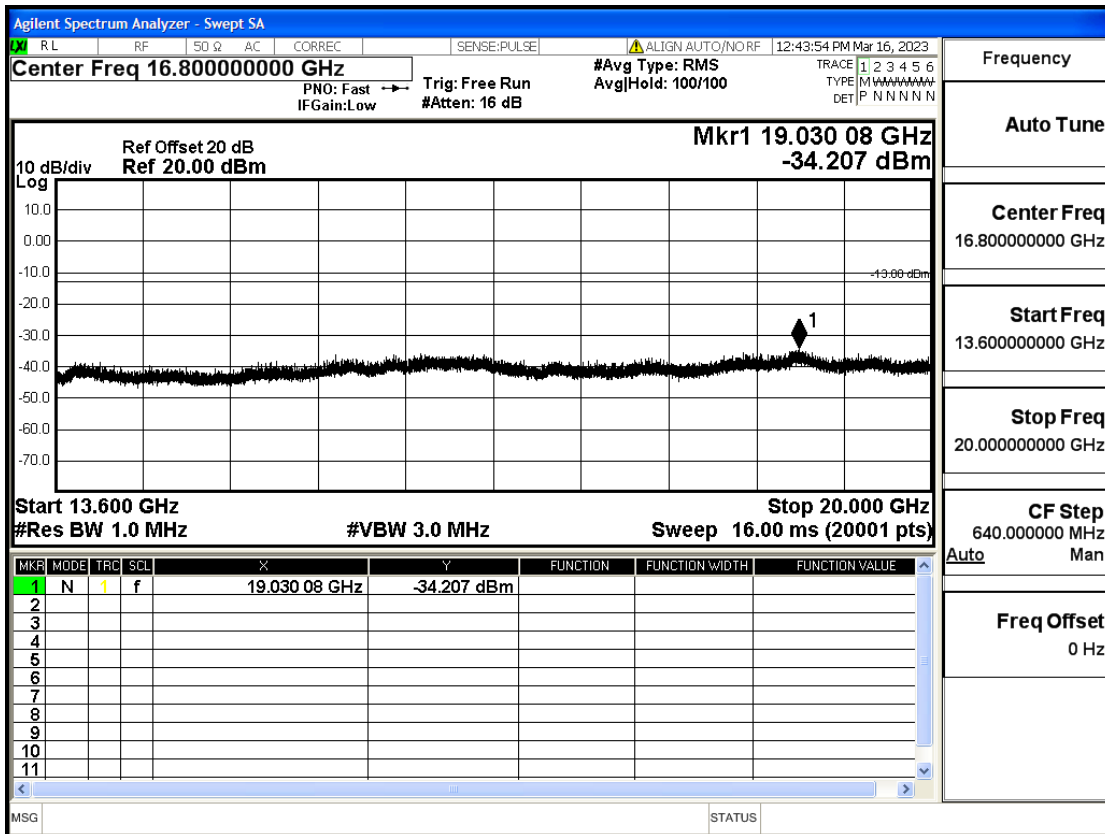
OB2-10-1905-Q16-50#LOW@1GHz-7GHz@Pass



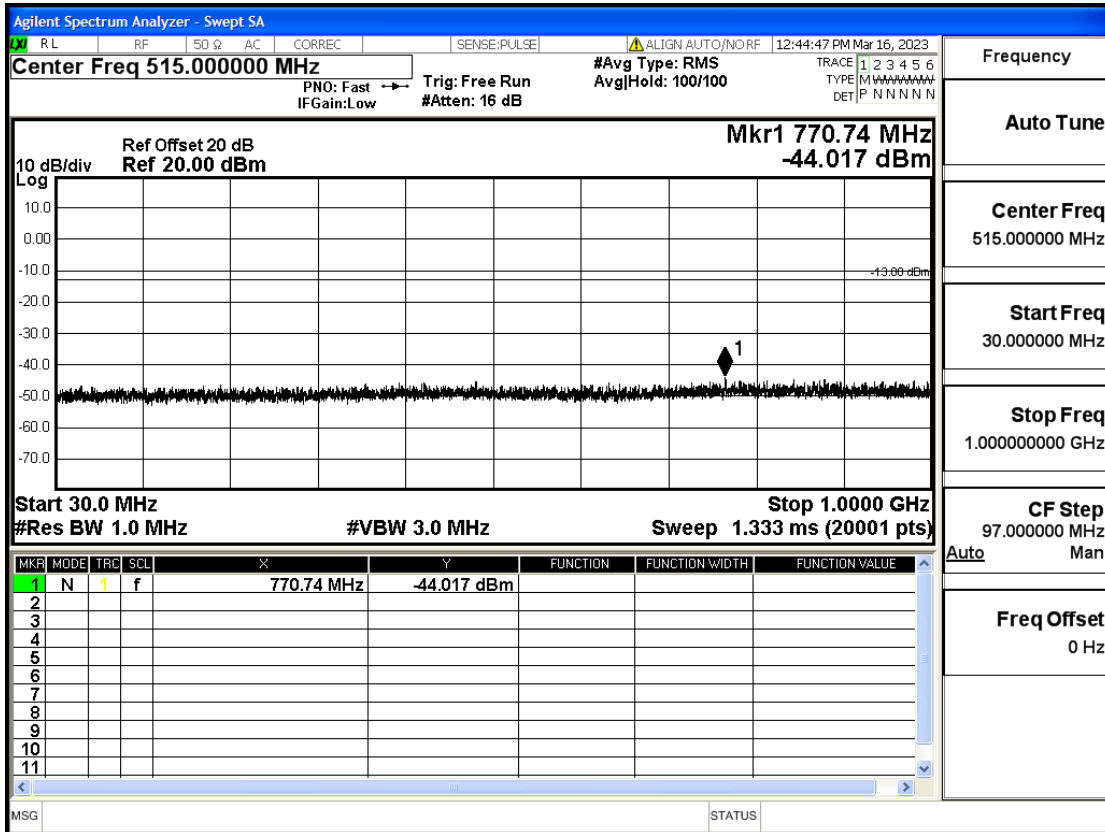
OB2-10-1905-Q16-50#LOW@7GHz-13.6GHz@Pass



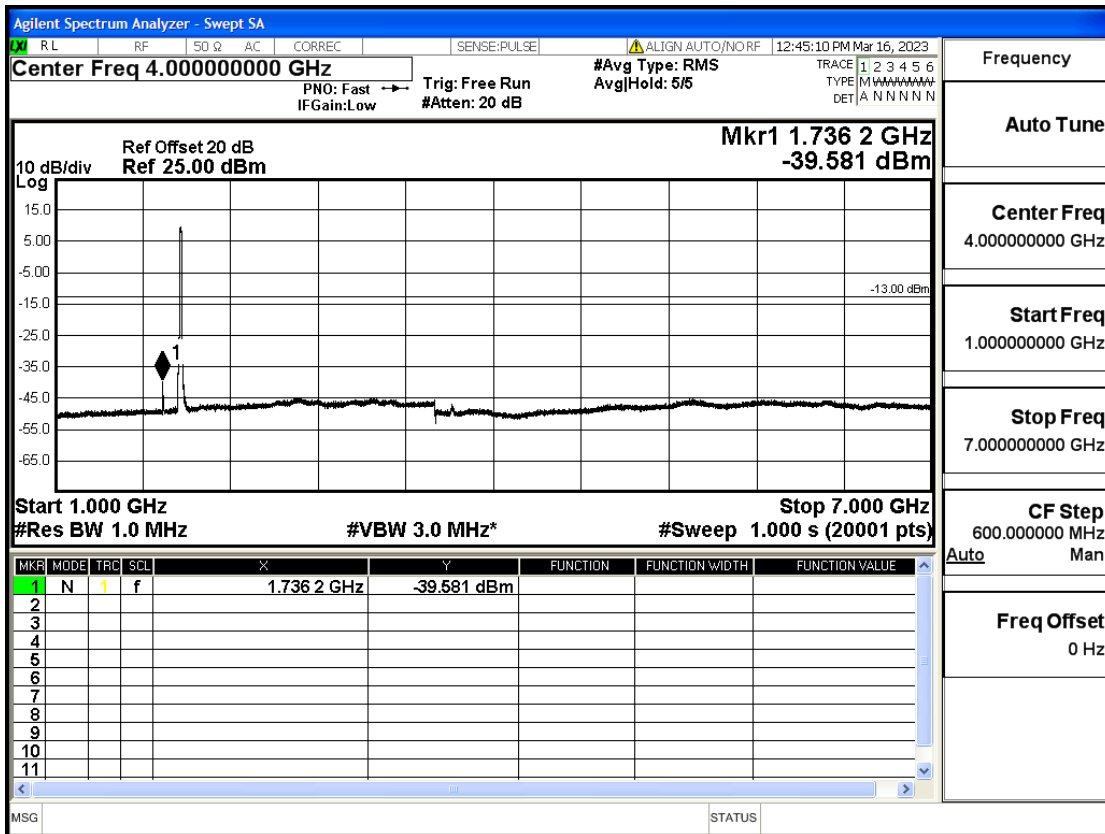
OB2-10-1905-Q16-50#LOW@13.6GHz-20GHz@Pass



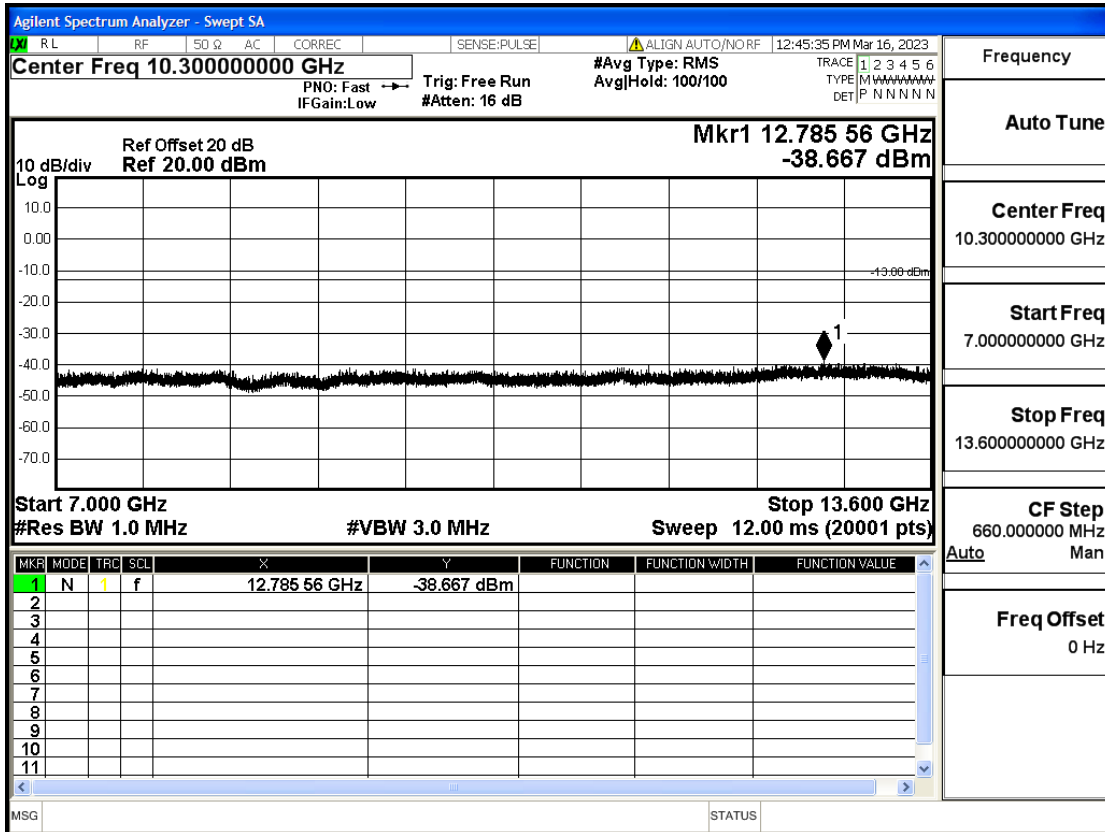
OB2-15-1857.5-Q16-75#LOW@30mHz-1GHz@Pass



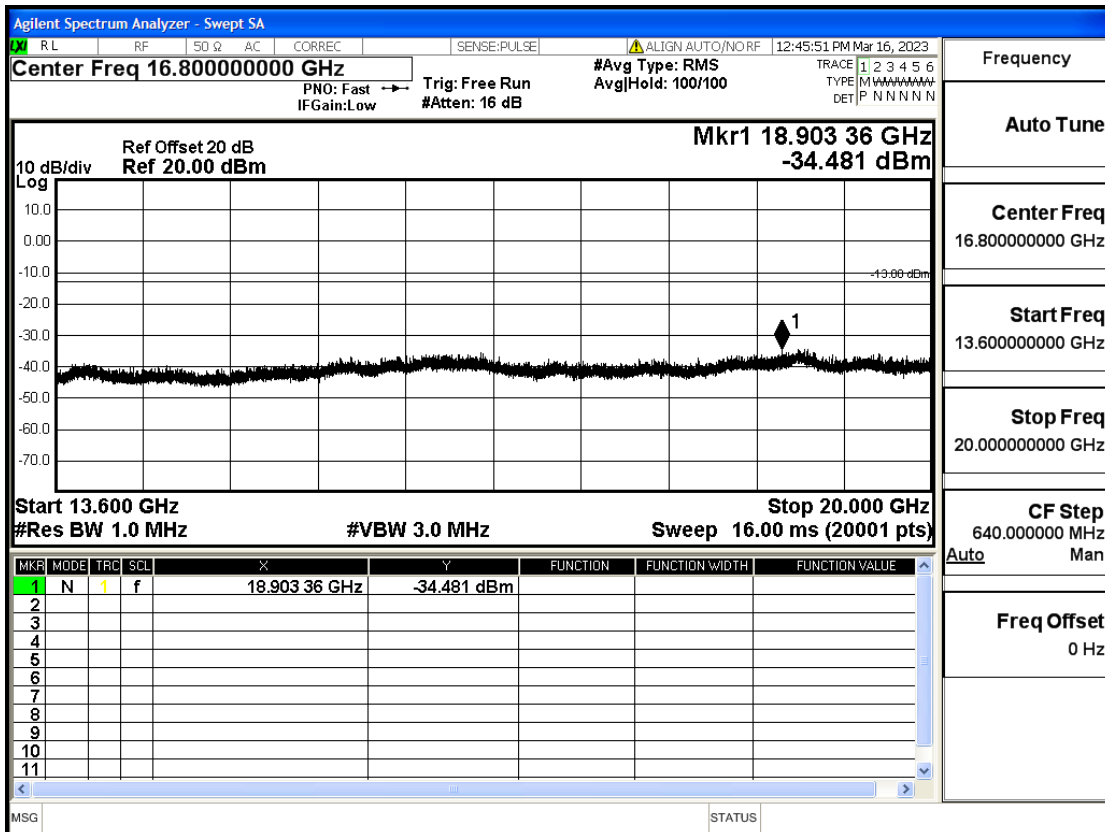
OB2-15-1857.5-Q16-75#LOW@1GHz-7GHz@Pass



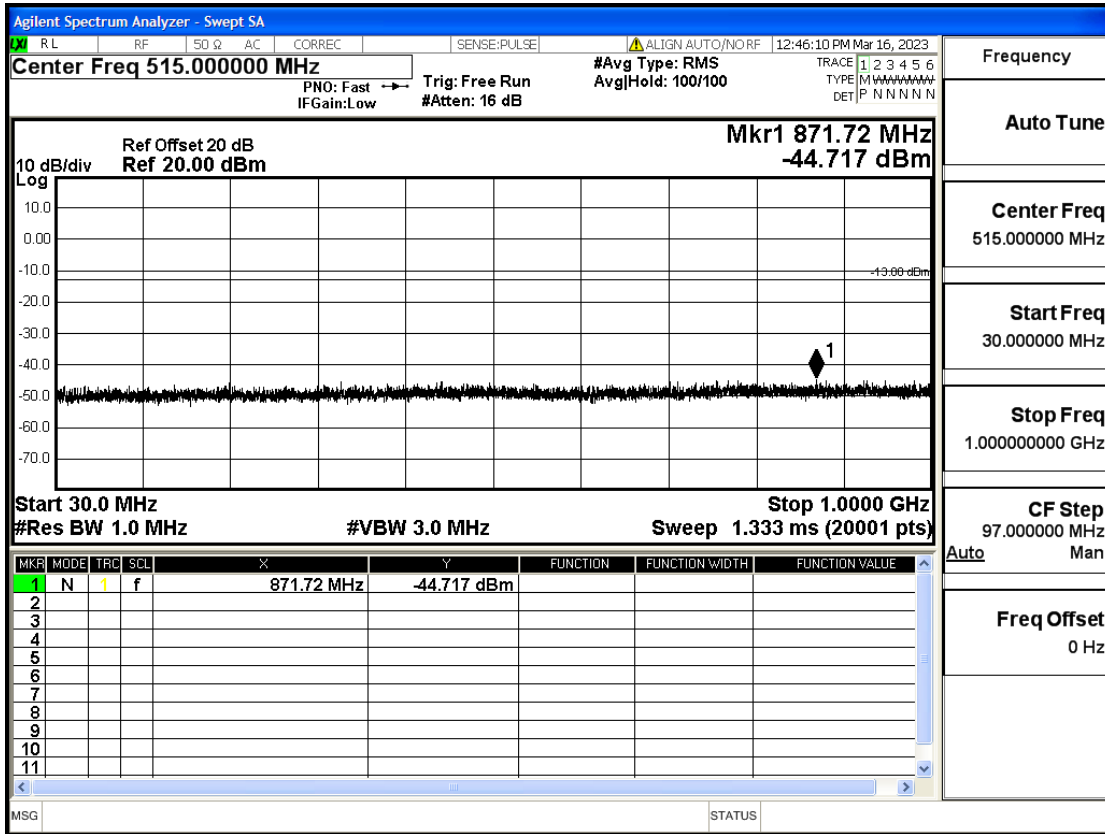
OB2-15-1857.5-Q16-75#LOW@7GHz-13.6GHz@Pass



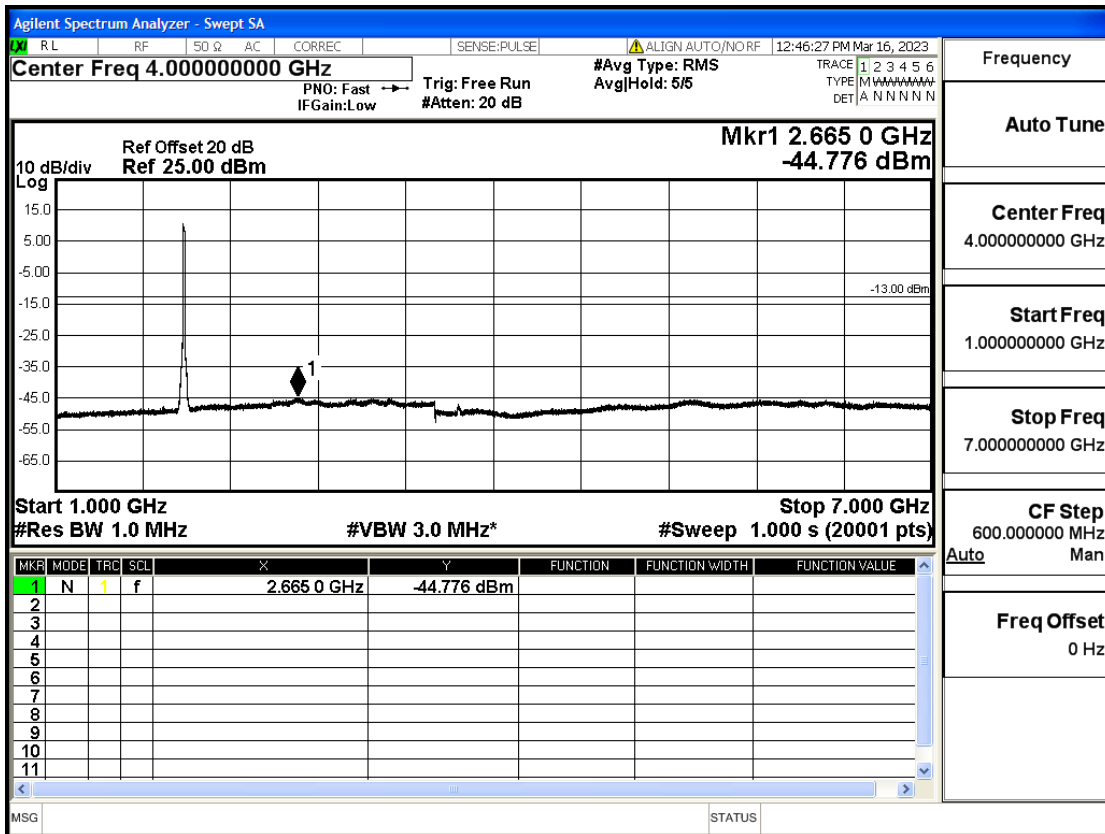
OB2-15-1857.5-Q16-75#LOW@13.6GHz-20GHz@Pass



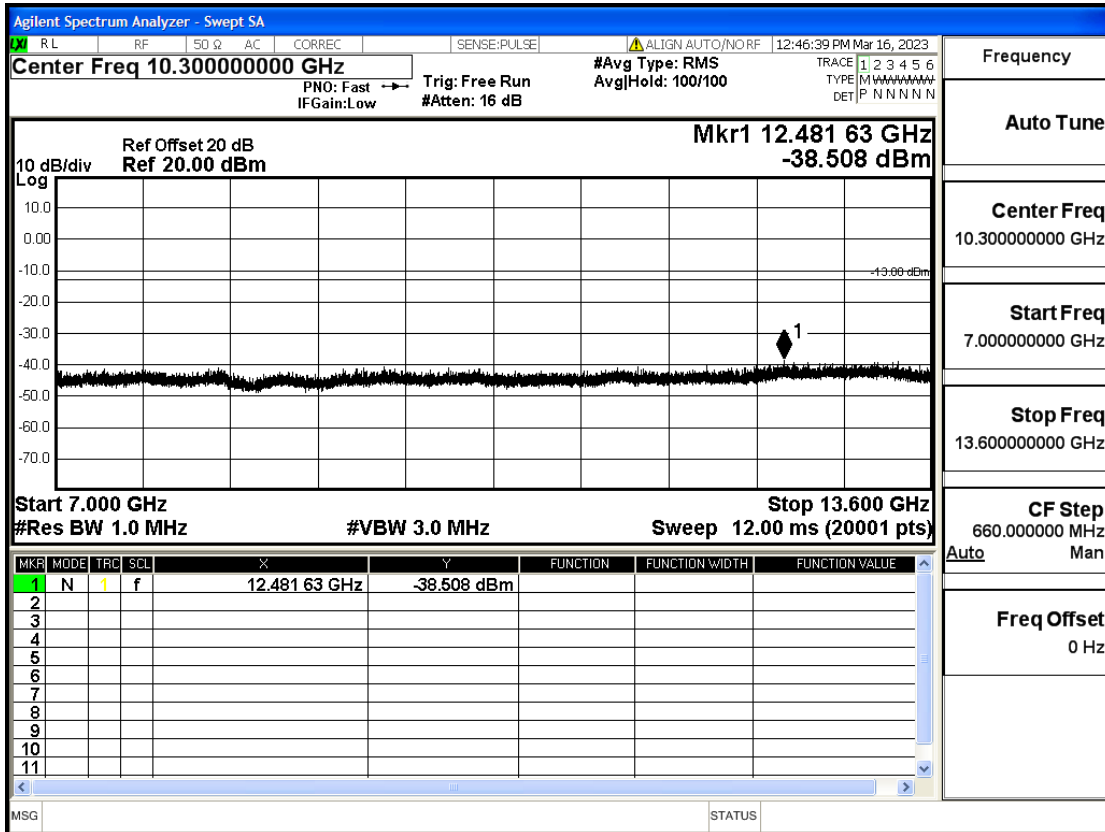
OB2-15-1880-Q16-75#LOW@30mHz-1GHz@Pass



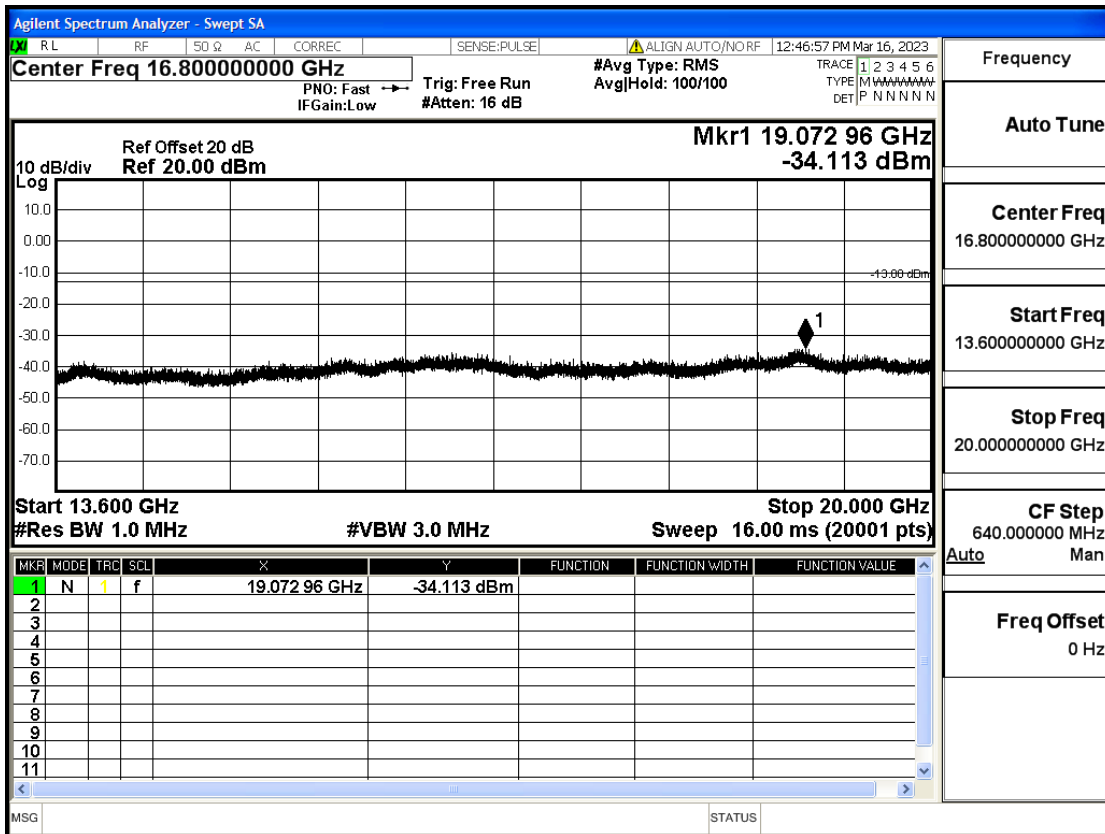
OB2-15-1880-Q16-75#LOW@1GHz-7GHz@Pass



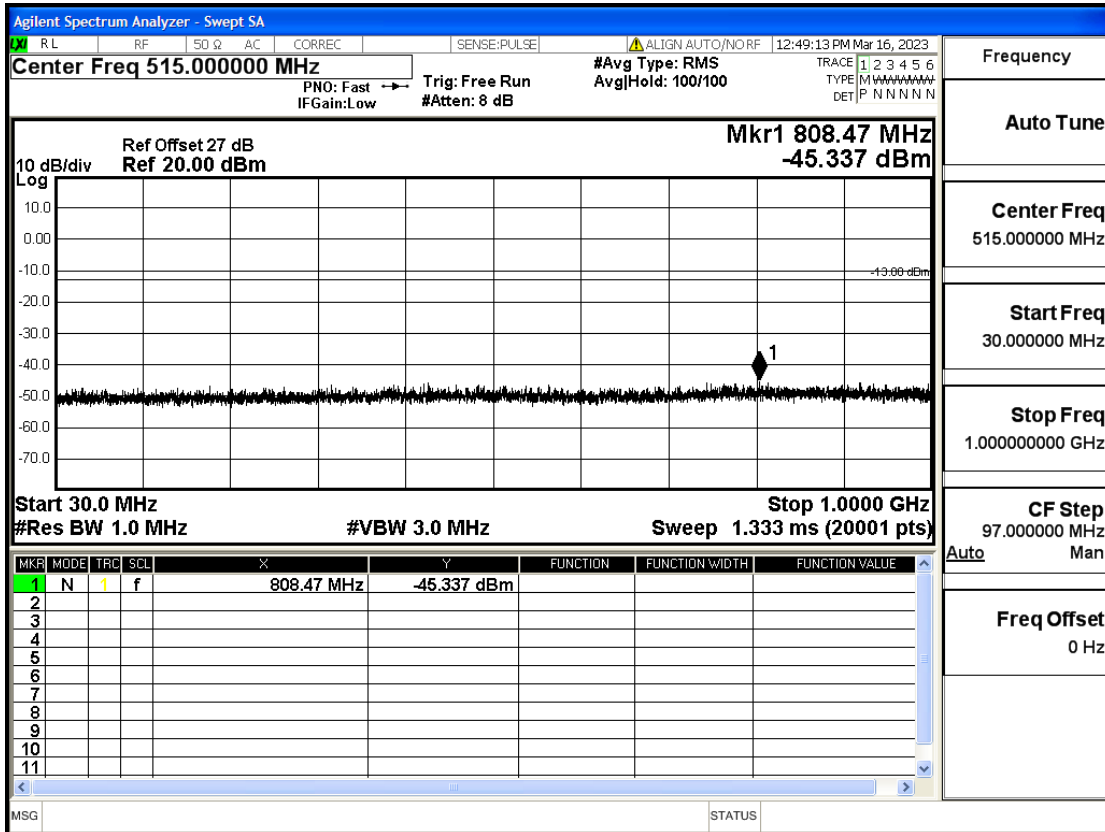
OB2-15-1880-Q16-75#LOW@7GHz-13.6GHz@Pass



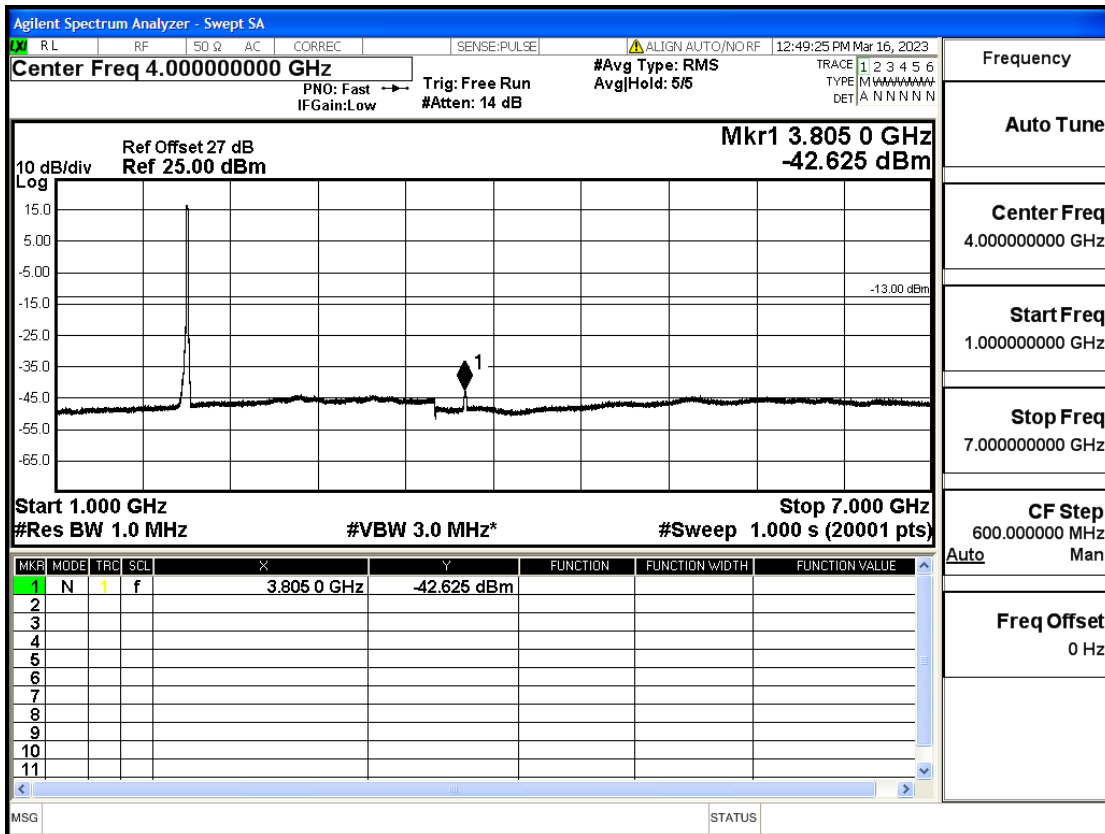
OB2-15-1880-Q16-75#LOW@13.6GHz-20GHz@Pass



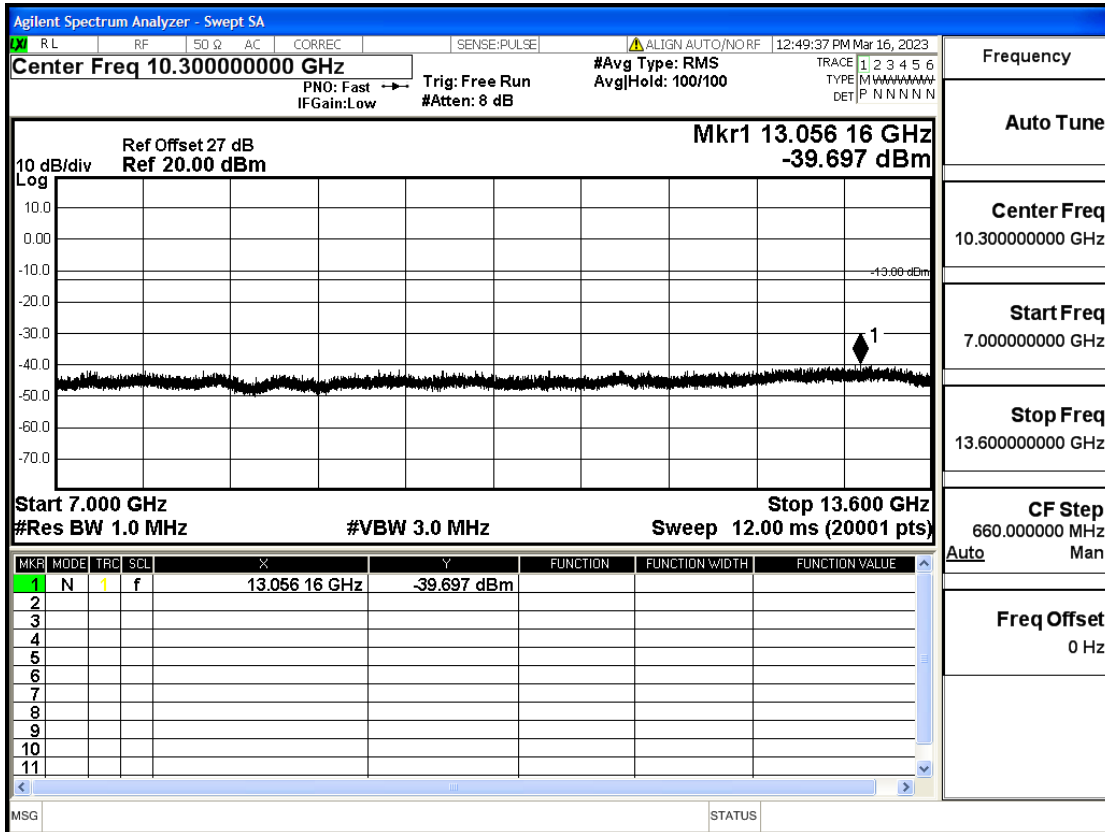
OB2-15-1902.5-Q16-75#LOW@30mHz-1GHz@Pass



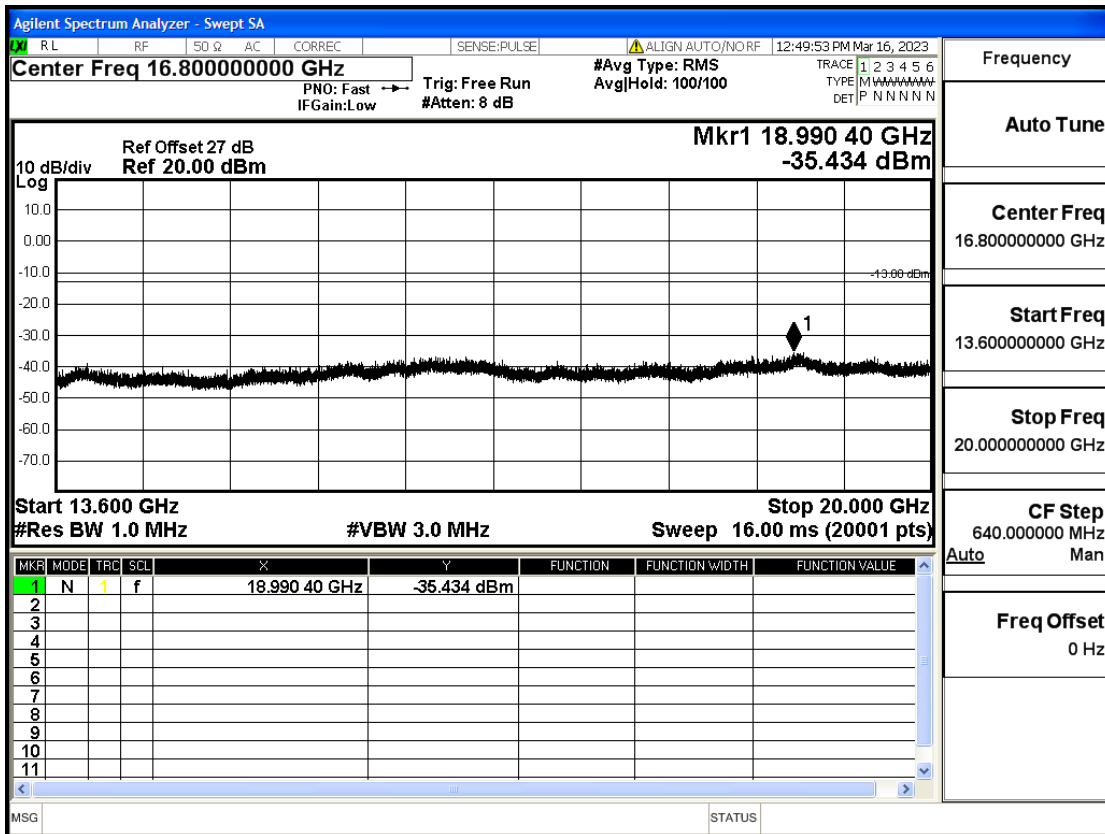
OB2-15-1902.5-Q16-75#LOW@1GHz-7GHz@Pass



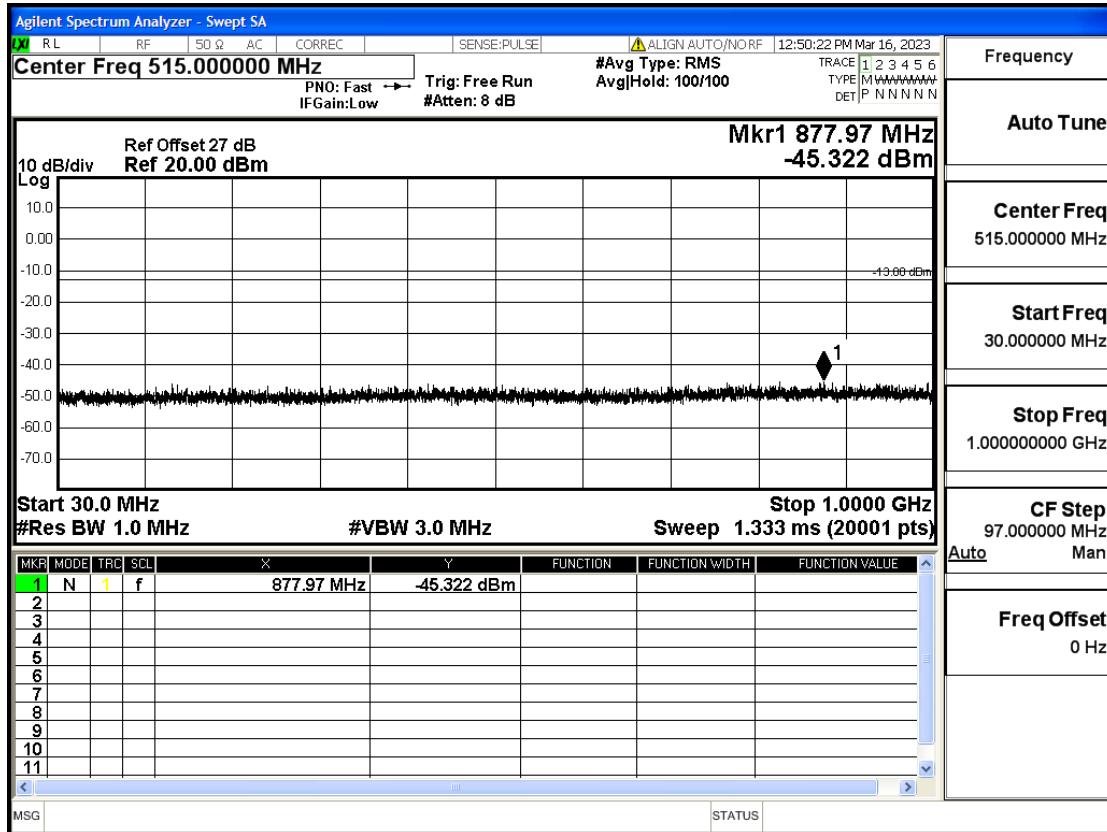
OB2-15-1902.5-Q16-75#LOW@7GHz-13.6GHz@Pass



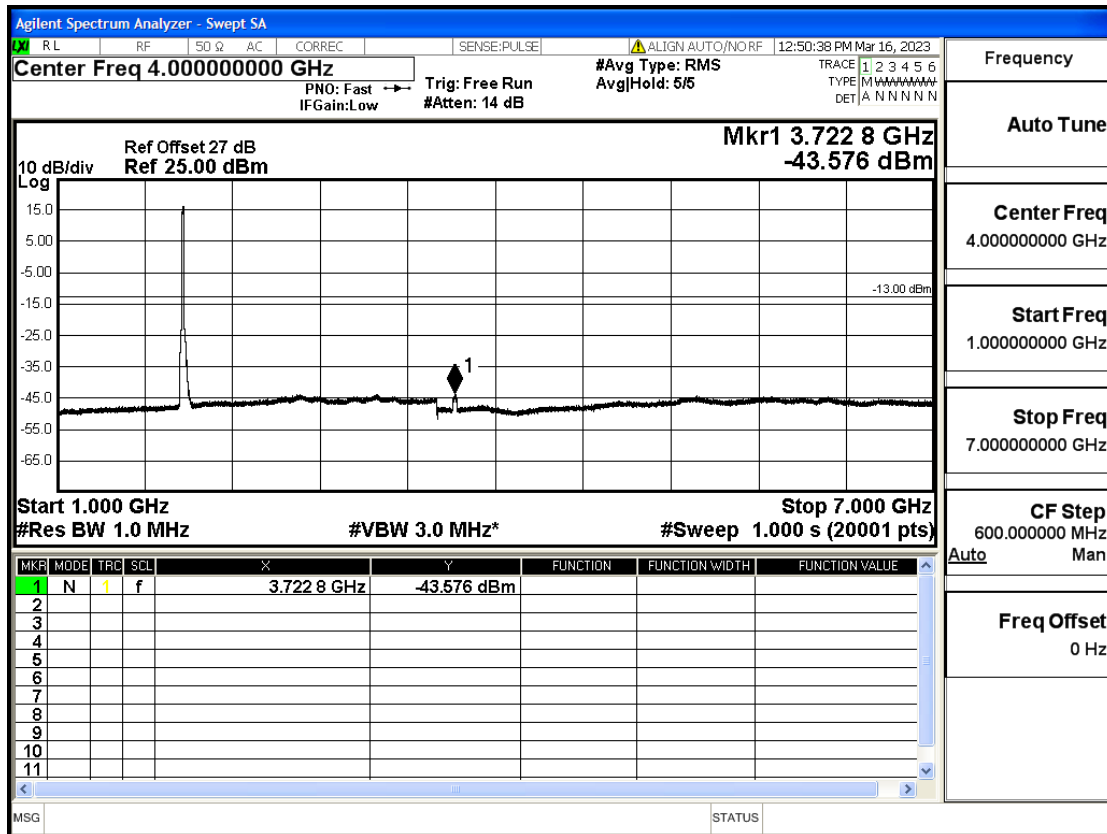
OB2-15-1902.5-Q16-75#LOW@13.6GHz-20GHz@Pass



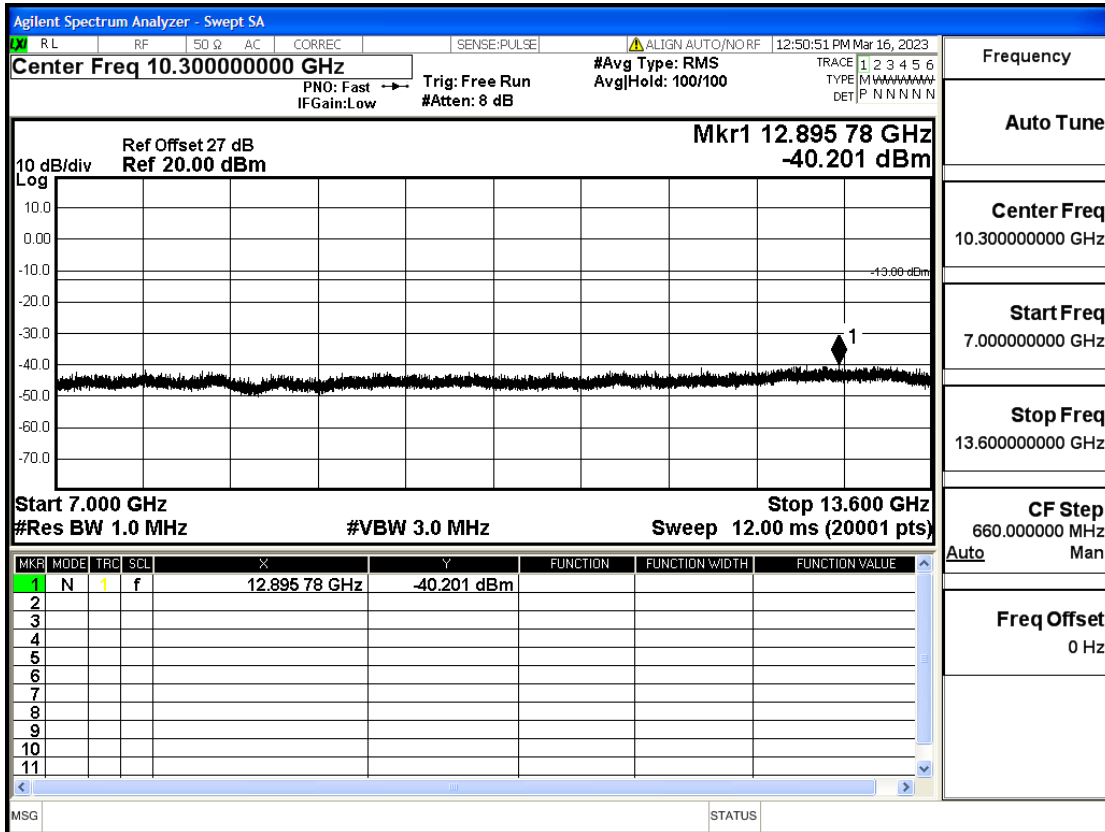
OB2-20-1860-Q16-100#LOW@30mHz-1GHz@Pass



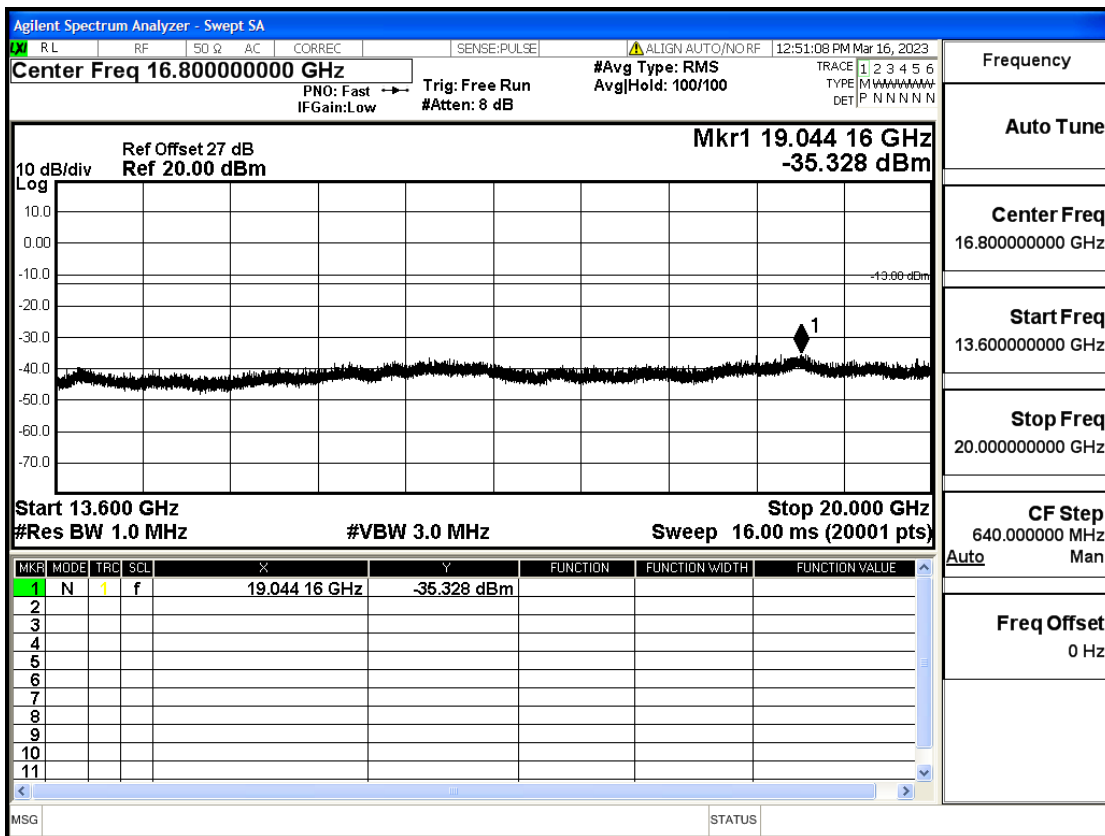
OB2-20-1860-Q16-100#LOW@1GHz-7GHz@Pass



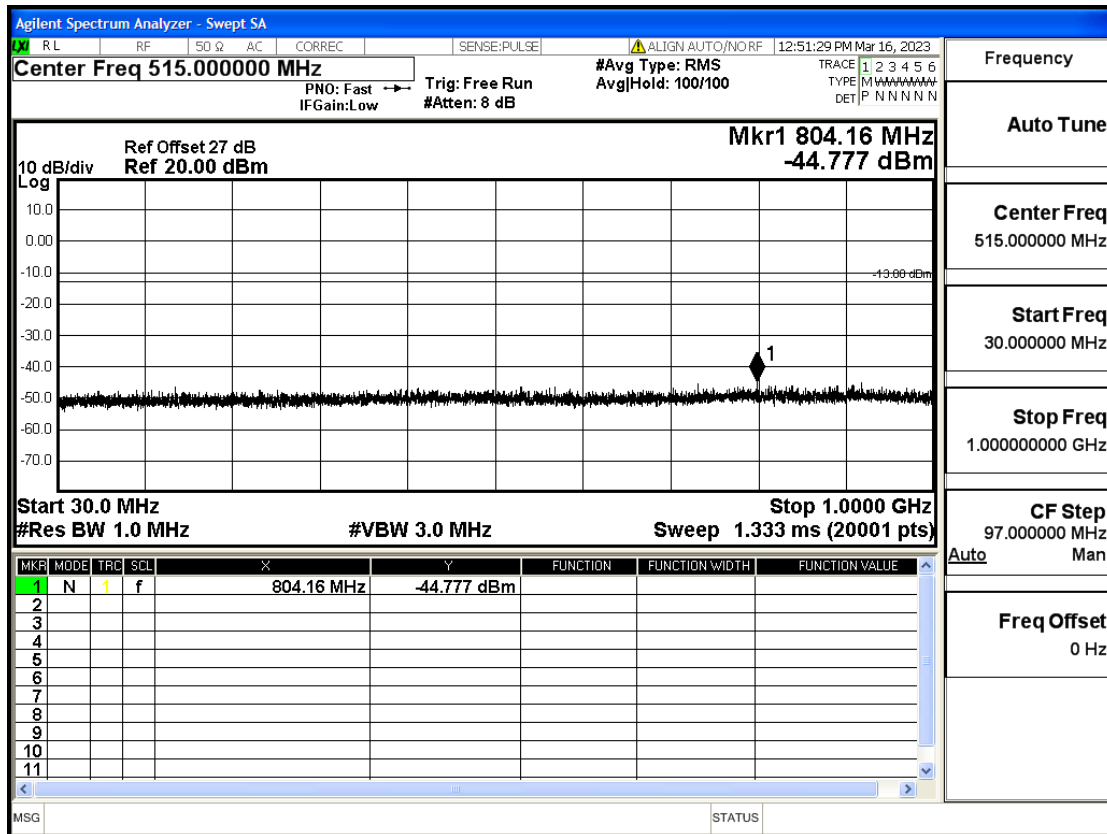
OB2-20-1860-Q16-100#LOW@7GHz-13.6GHz@Pass



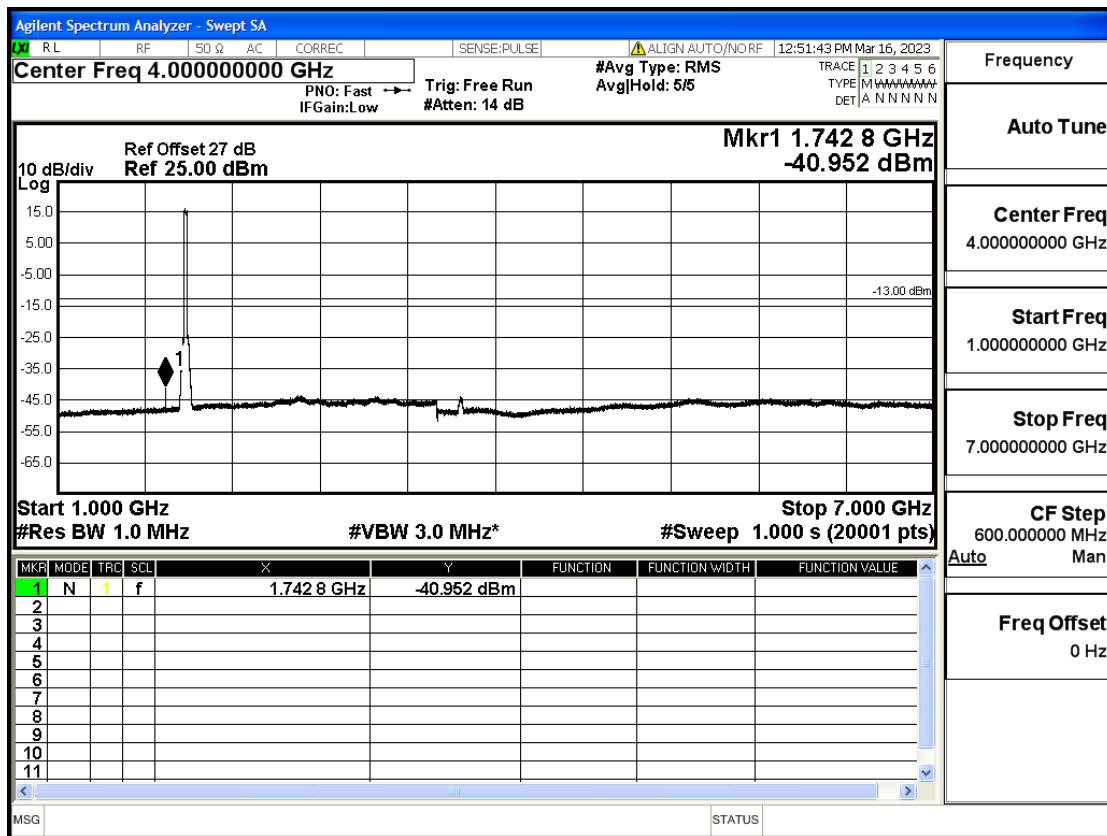
OB2-20-1860-Q16-100#LOW@13.6GHz-20GHz@Pass



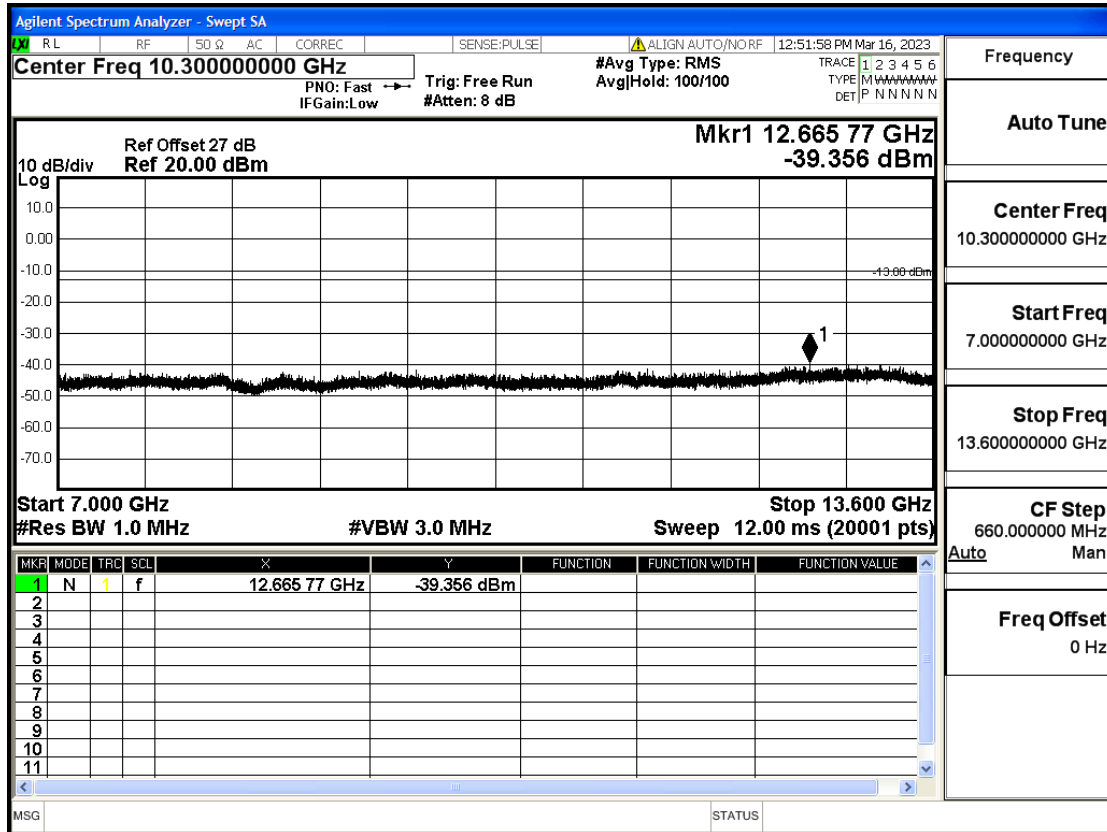
OB2-20-1880-Q16-100#LOW@30mHz-1GHz@Pass



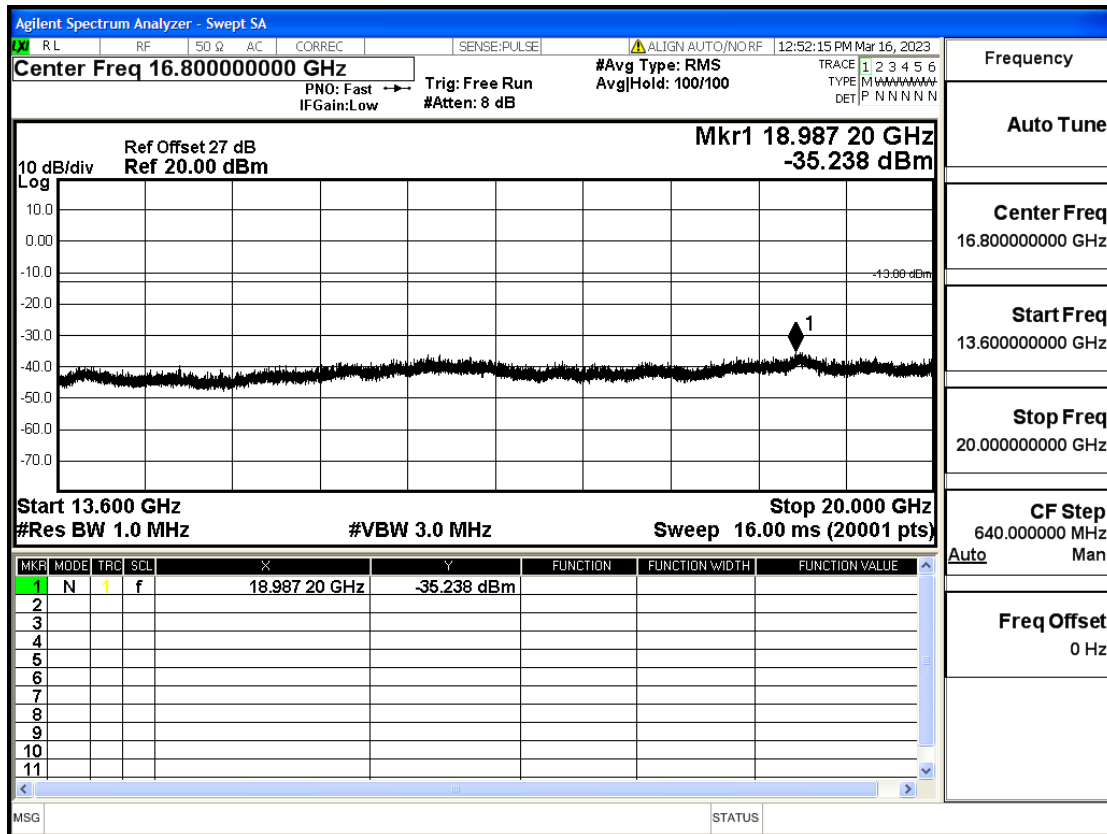
OB2-20-1880-Q16-100#LOW@1GHz-7GHz@Pass



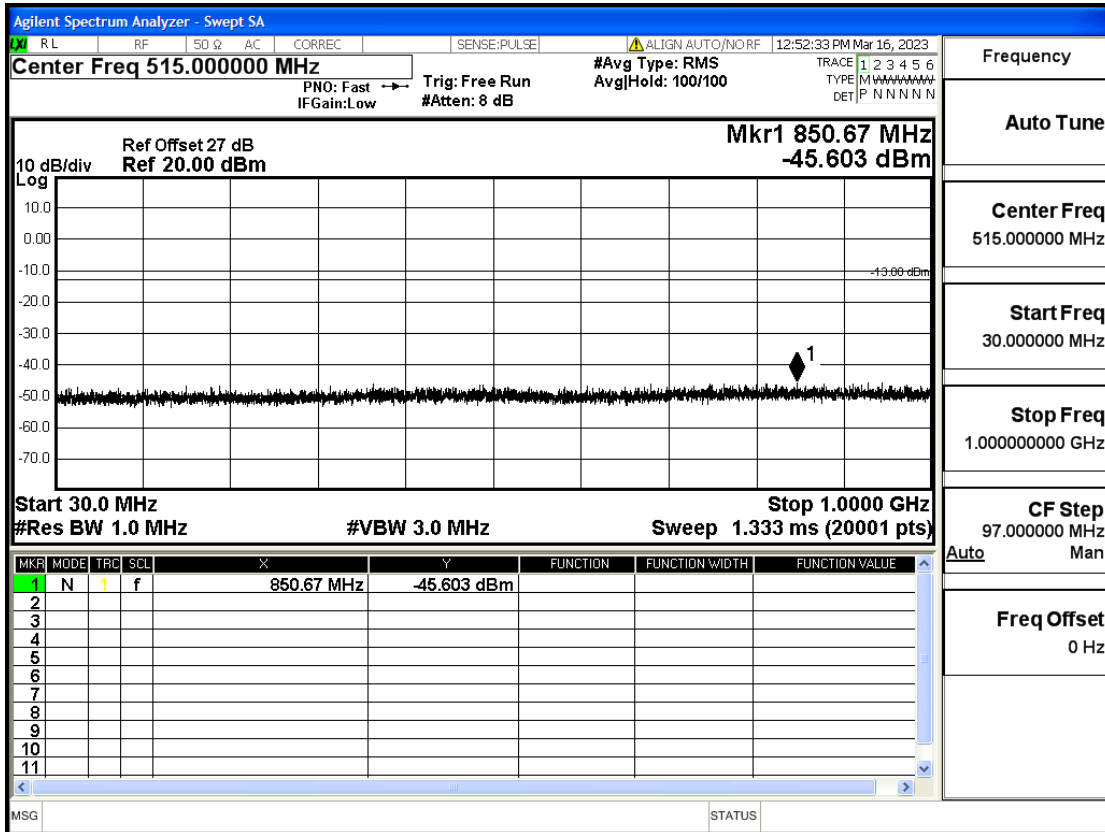
OB2-20-1880-Q16-100#LOW@7GHz-13.6GHz@Pass



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

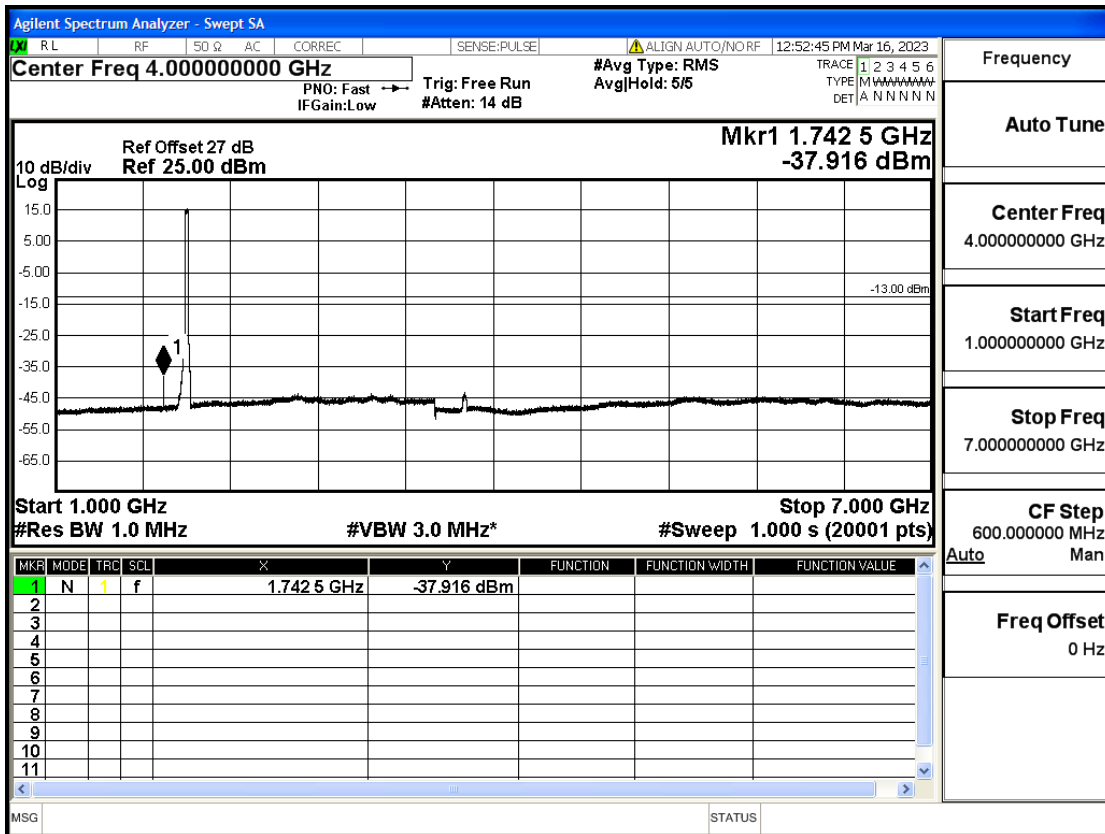


OB2-20-1900-Q16-100#LOW@30mHz-1GHz@Pass



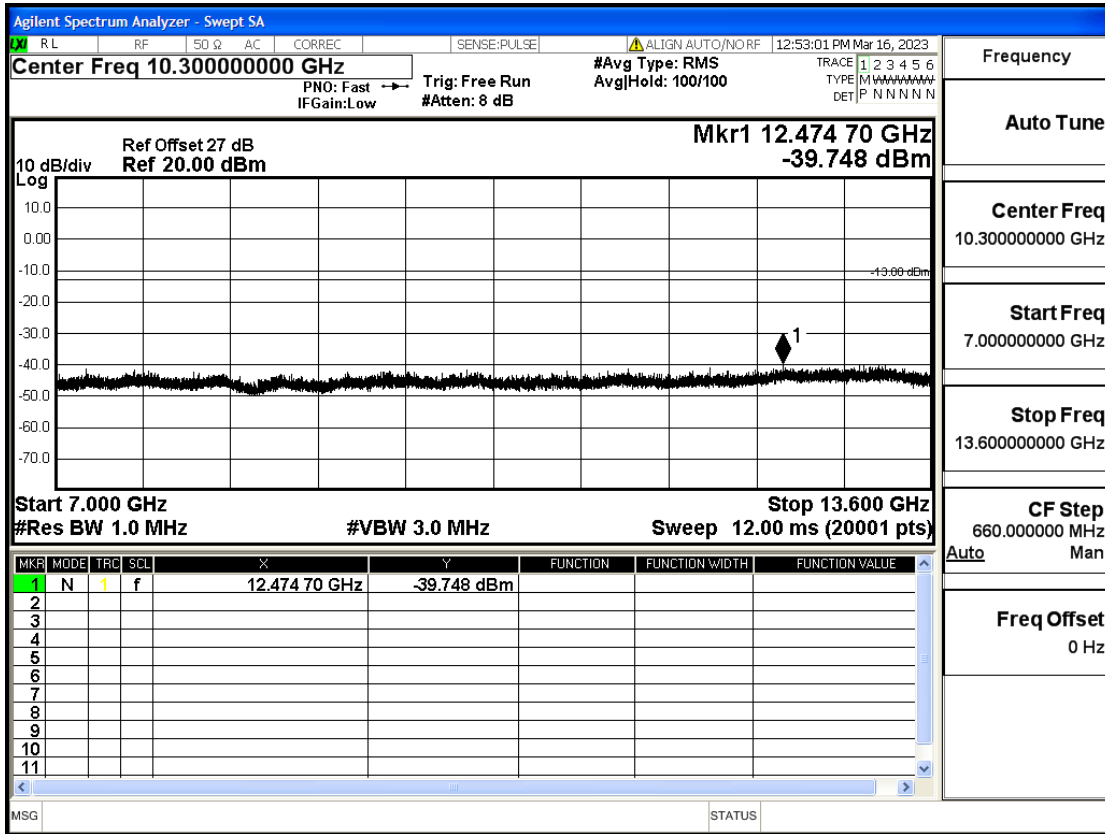
Frequency
Auto Tune
Center Freq 515.000000 MHz
Start Freq 30.000000 MHz
Stop Freq 1.00000000 GHz
CF Step 97.000000 MHz
Auto Man
Freq Offset 0 Hz

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

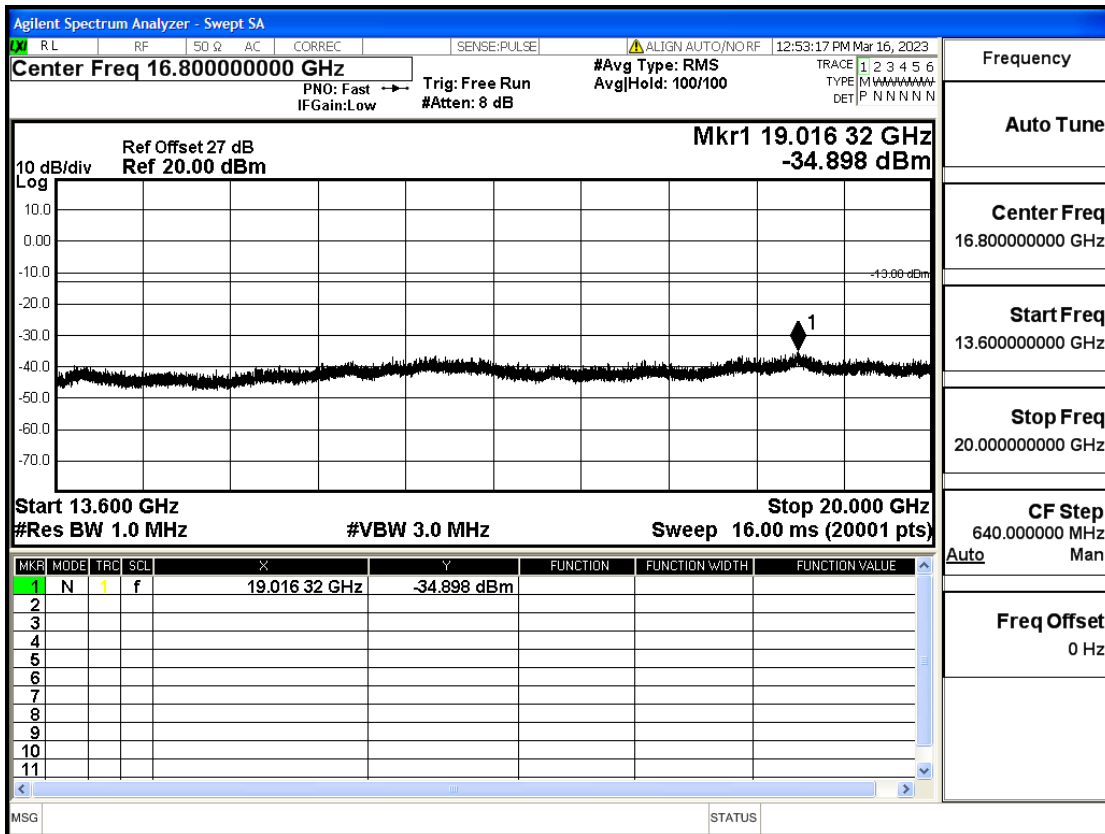


Frequency
Auto Tune
Center Freq 4.00000000 GHz
Start Freq 1.00000000 GHz
Stop Freq 7.00000000 GHz
CF Step 600.000000 MHz
Auto Man
Freq Offset 0 Hz

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



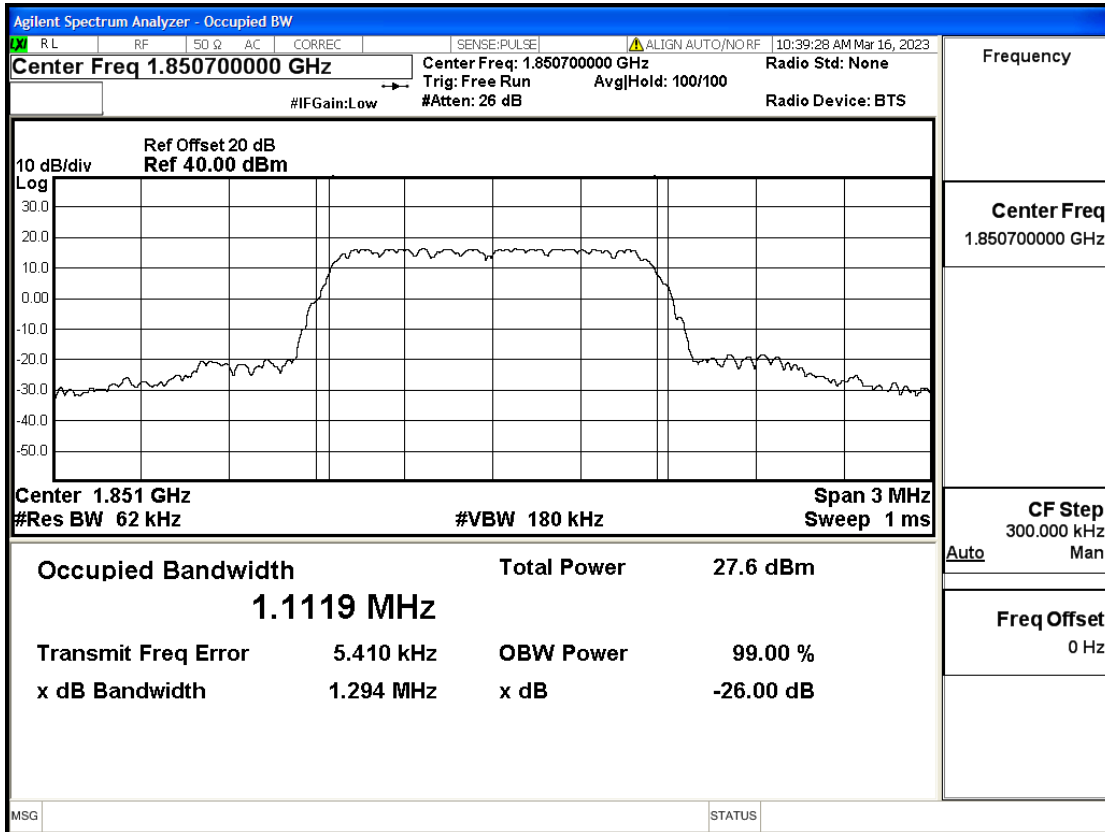
OB2-20-1900-Q16-100#LOW@13.6GHz-20GHz@Pass



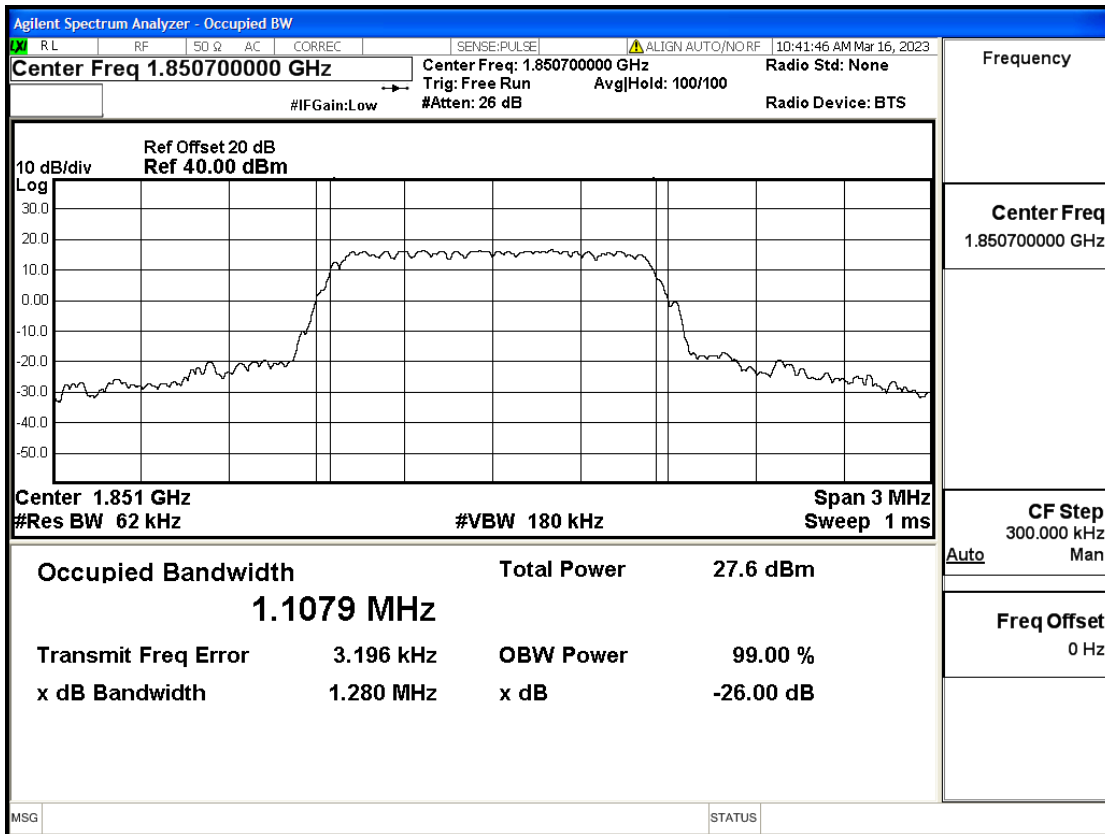
Emission bandwidth and OBW

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	1111.9	1294	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1107.9	1280	No limit
Band2	1.4	1880	QPSK	6	LOW	1124.3	1287	No limit
Band2	1.4	1880	16QAM	6	LOW	1115.1	1281	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1108.3	1286	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1111.4	1289	No limit
Band2	3	1851.5	QPSK	15	LOW	2774.1	3087	No limit
Band2	3	1851.5	16QAM	15	LOW	2749.4	3152	No limit
Band2	3	1880	QPSK	15	LOW	2760.9	3121	No limit
Band2	3	1880	16QAM	15	LOW	2774.1	3093	No limit
Band2	3	1908.5	QPSK	15	LOW	2767.8	3143	No limit
Band2	3	1908.5	16QAM	15	LOW	2774.6	3119	No limit
Band2	5	1852.5	QPSK	25	LOW	4590.6	5151	No limit
Band2	5	1852.5	16QAM	25	LOW	4573.6	5117	No limit
Band2	5	1880	QPSK	25	LOW	4565.7	5088	No limit
Band2	5	1880	16QAM	25	LOW	4564.1	5085	No limit
Band2	5	1907.5	QPSK	25	LOW	4578.6	5098	No limit
Band2	5	1907.5	16QAM	25	LOW	4562.6	5078	No limit
Band2	10	1855	QPSK	50	LOW	9093.5	10170	No limit
Band2	10	1855	16QAM	50	LOW	9093.5	10170	No limit
Band2	10	1880	QPSK	50	LOW	9120.1	10100	No limit
Band2	10	1880	16QAM	50	LOW	9085.8	10140	No limit
Band2	10	1905	QPSK	50	LOW	9098	10050	No limit
Band2	10	1905	16QAM	50	LOW	9082.2	9978	No limit
Band2	15	1857.5	QPSK	75	LOW	13706	15150	No limit
Band2	15	1857.5	16QAM	75	LOW	13705	15160	No limit
Band2	15	1880	QPSK	75	LOW	13666	15010	No limit
Band2	15	1880	16QAM	75	LOW	13674	15060	No limit
Band2	15	1902.5	QPSK	75	LOW	13684	15230	No limit
Band2	15	1902.5	16QAM	75	LOW	13609	15310	No limit
Band2	20	1860	QPSK	100	LOW	18254	20220	No limit
Band2	20	1860	16QAM	100	LOW	18288	19900	No limit
Band2	20	1880	QPSK	100	LOW	18302	20320	No limit
Band2	20	1880	16QAM	100	LOW	18309	19890	No limit
Band2	20	1900	QPSK	100	LOW	18179	20000	No limit
Band2	20	1900	16QAM	100	LOW	18212	20050	No limit

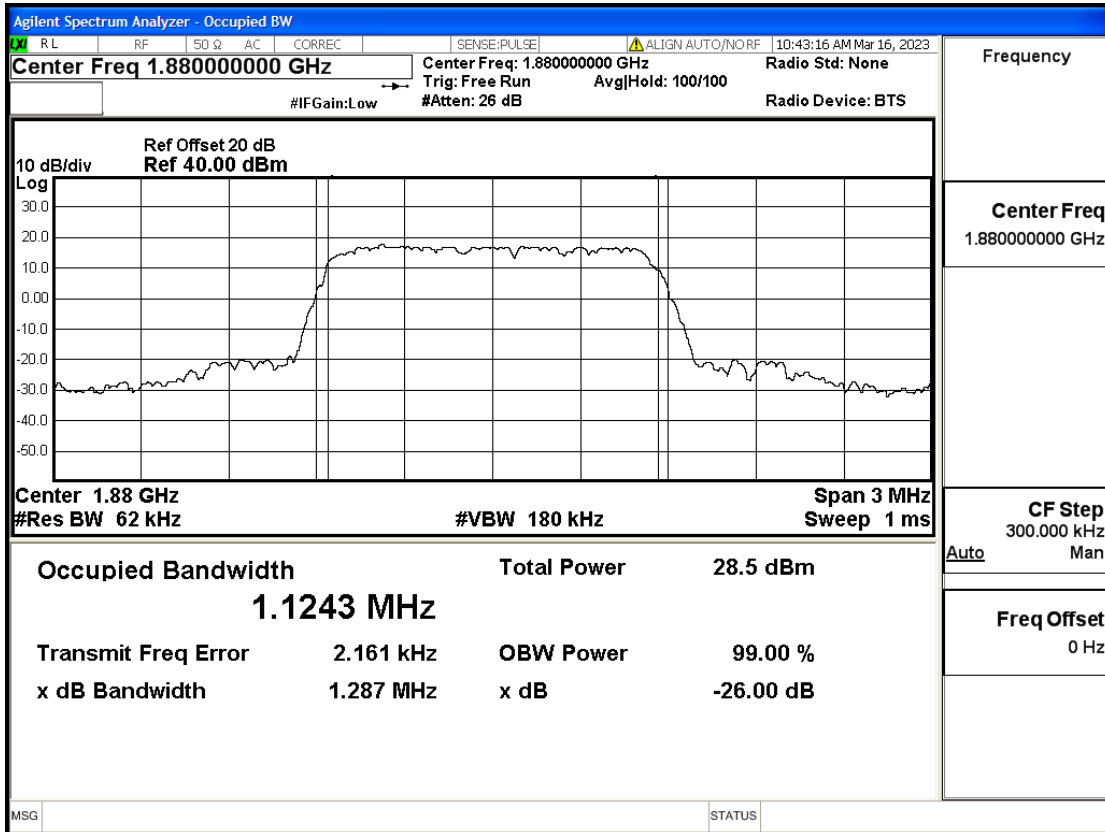
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



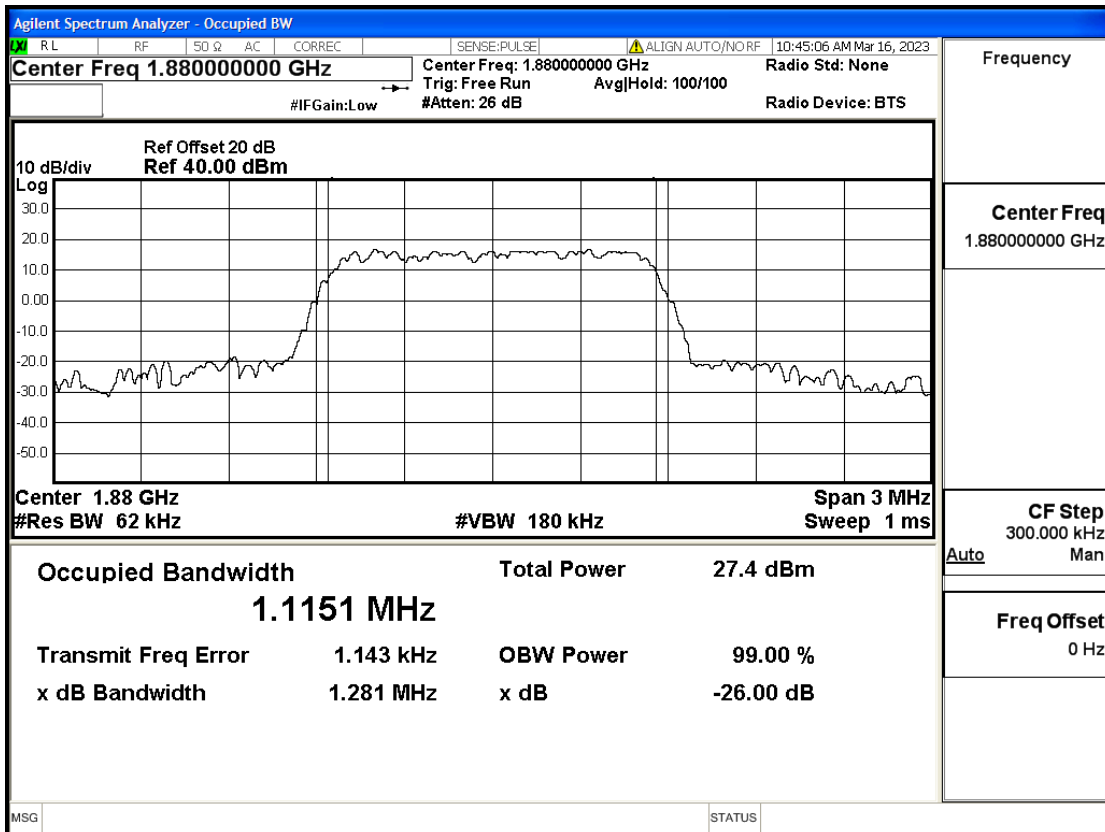
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



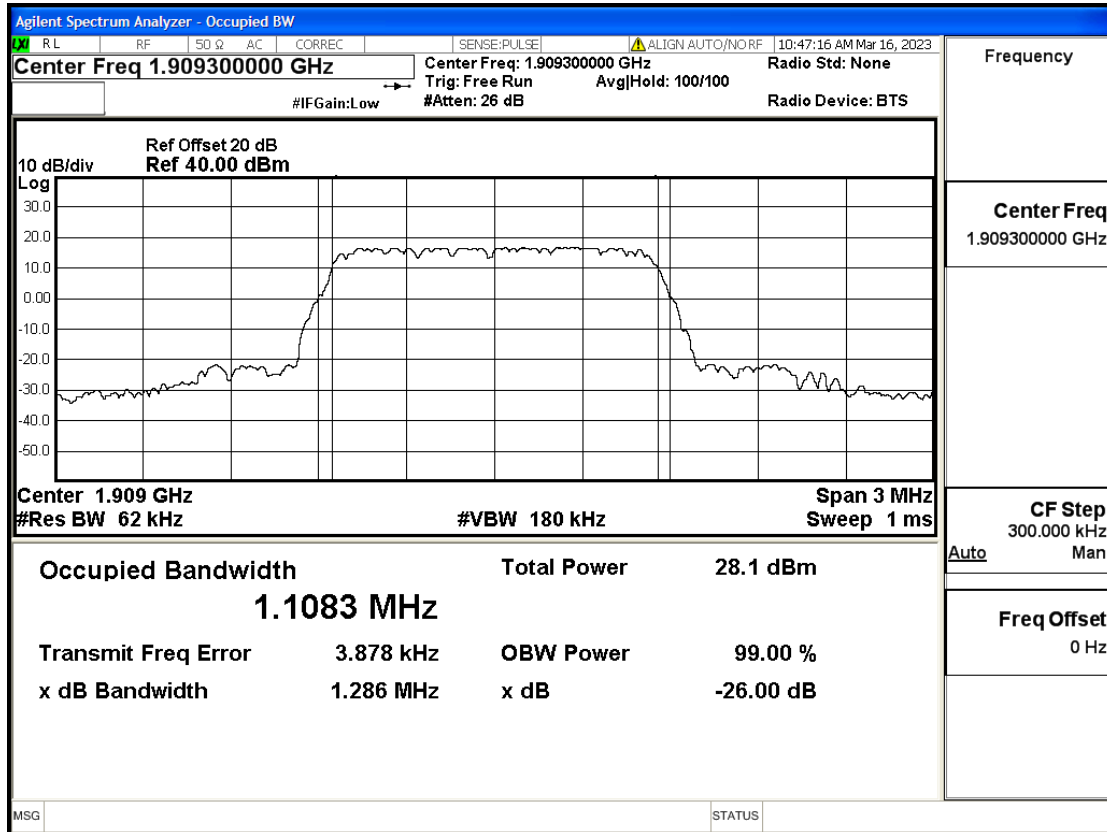
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



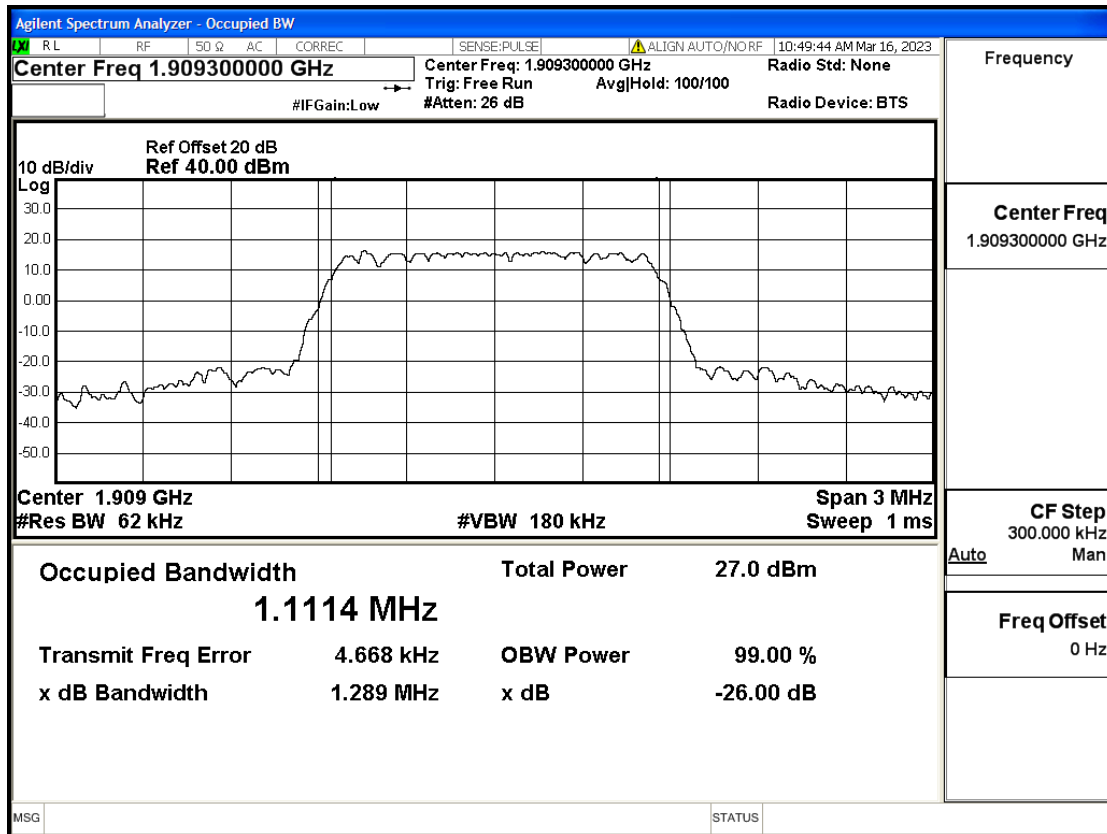
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



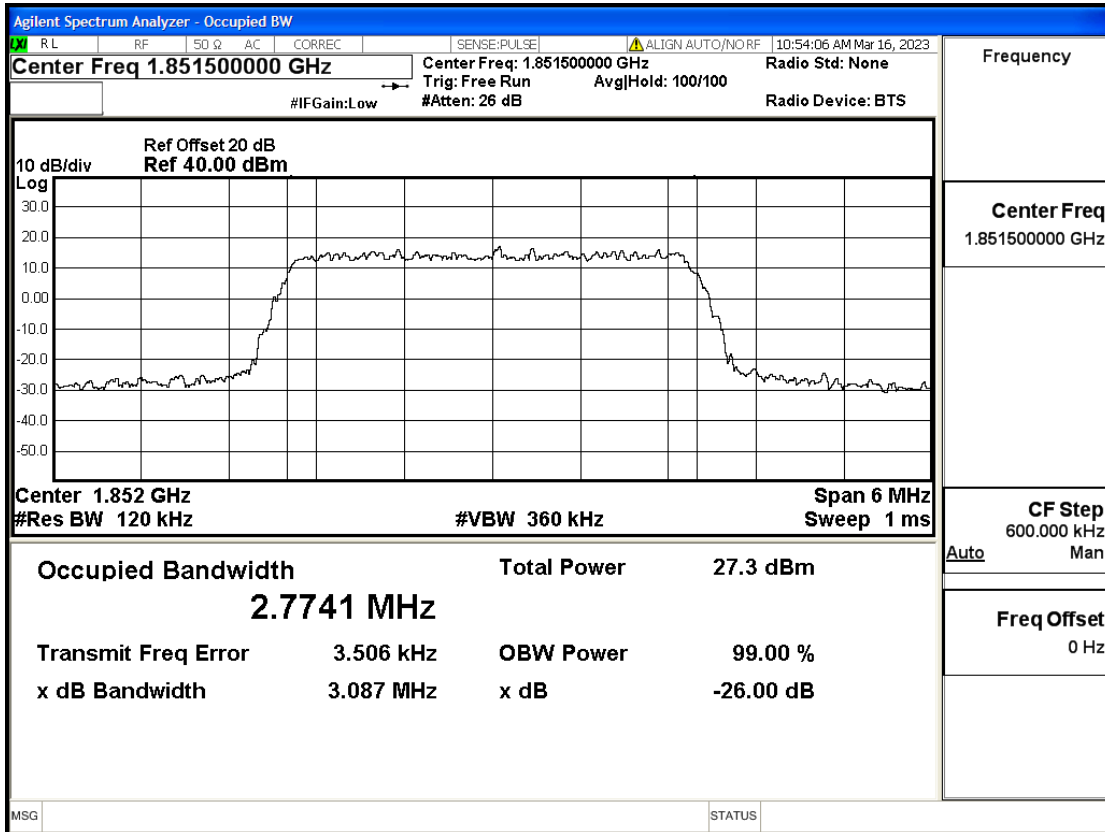
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



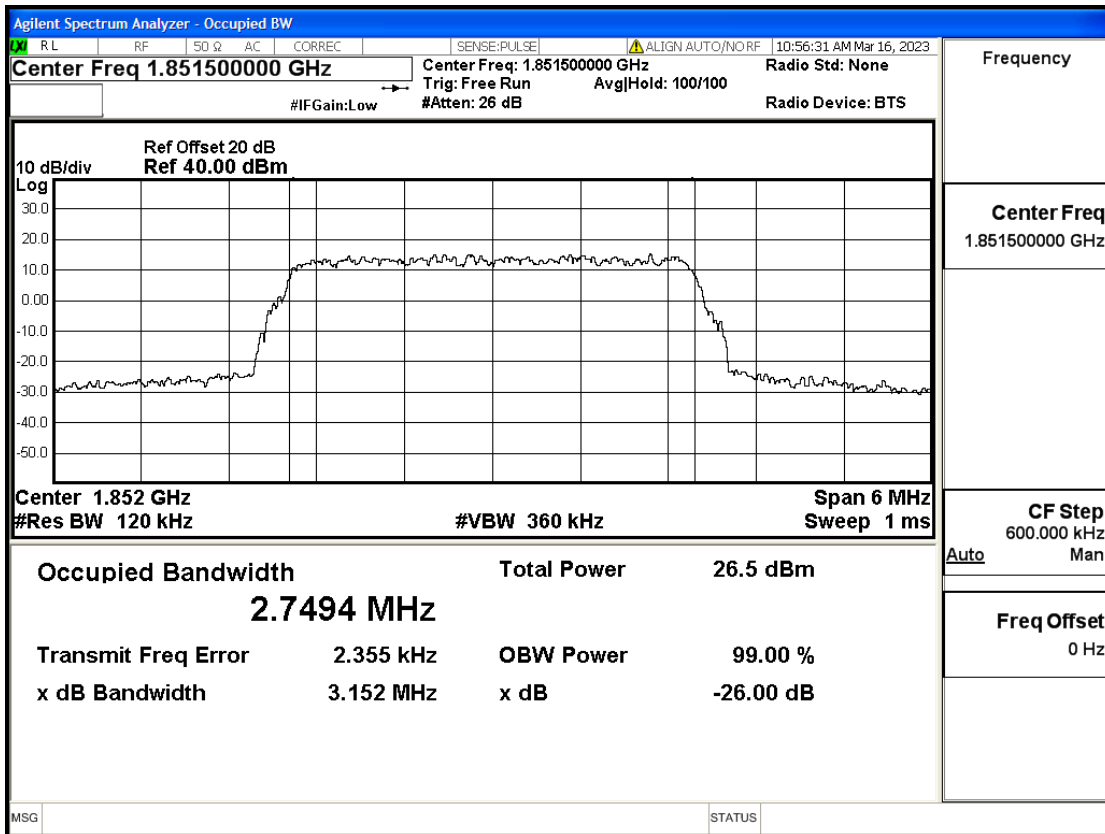
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



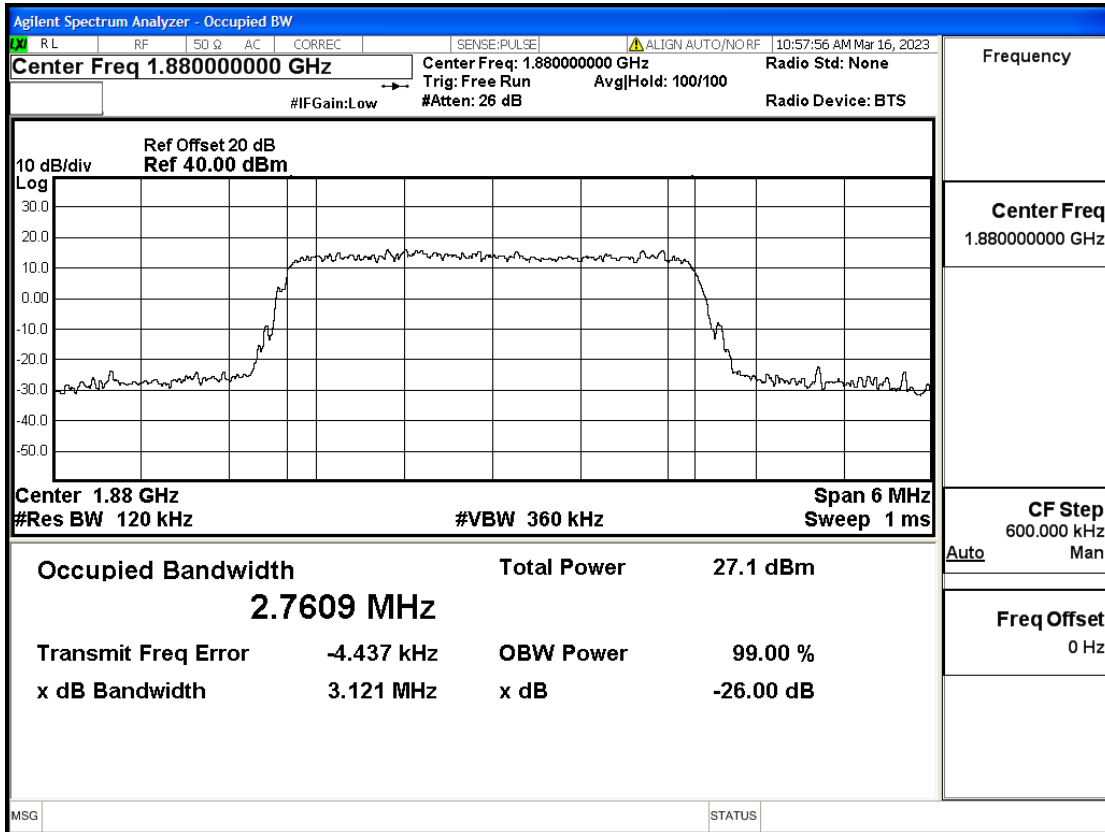
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



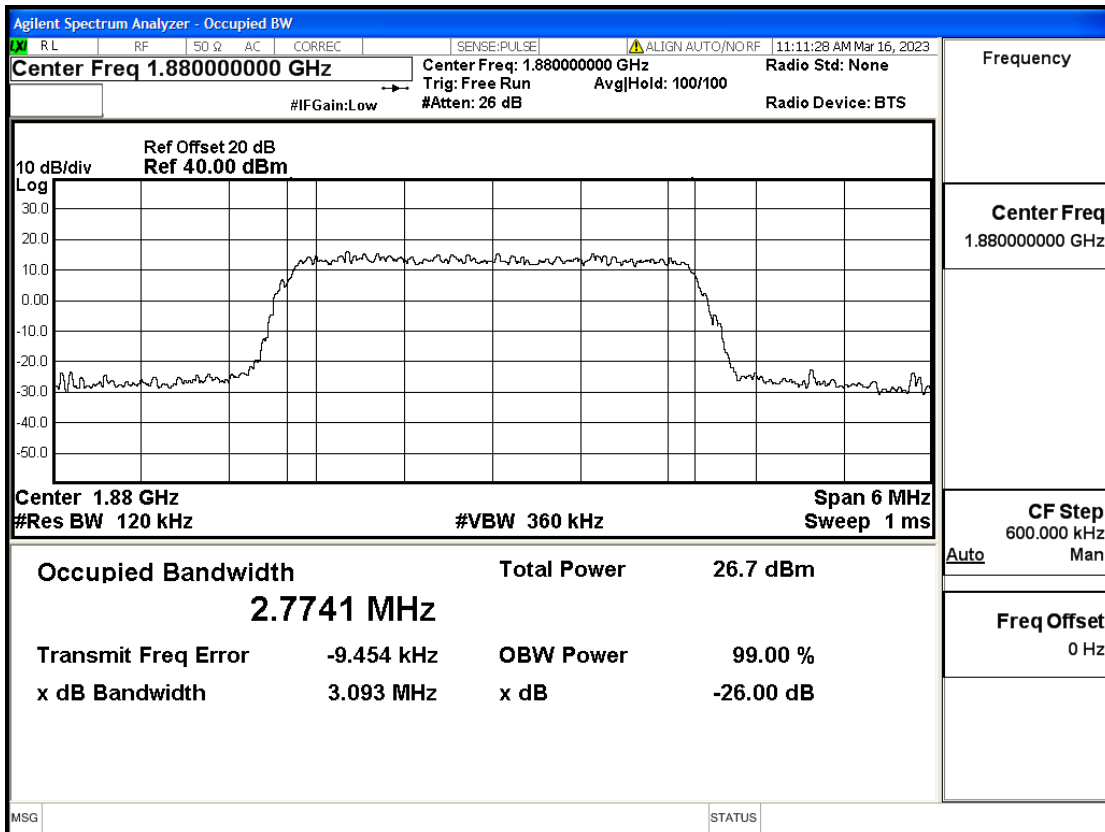
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



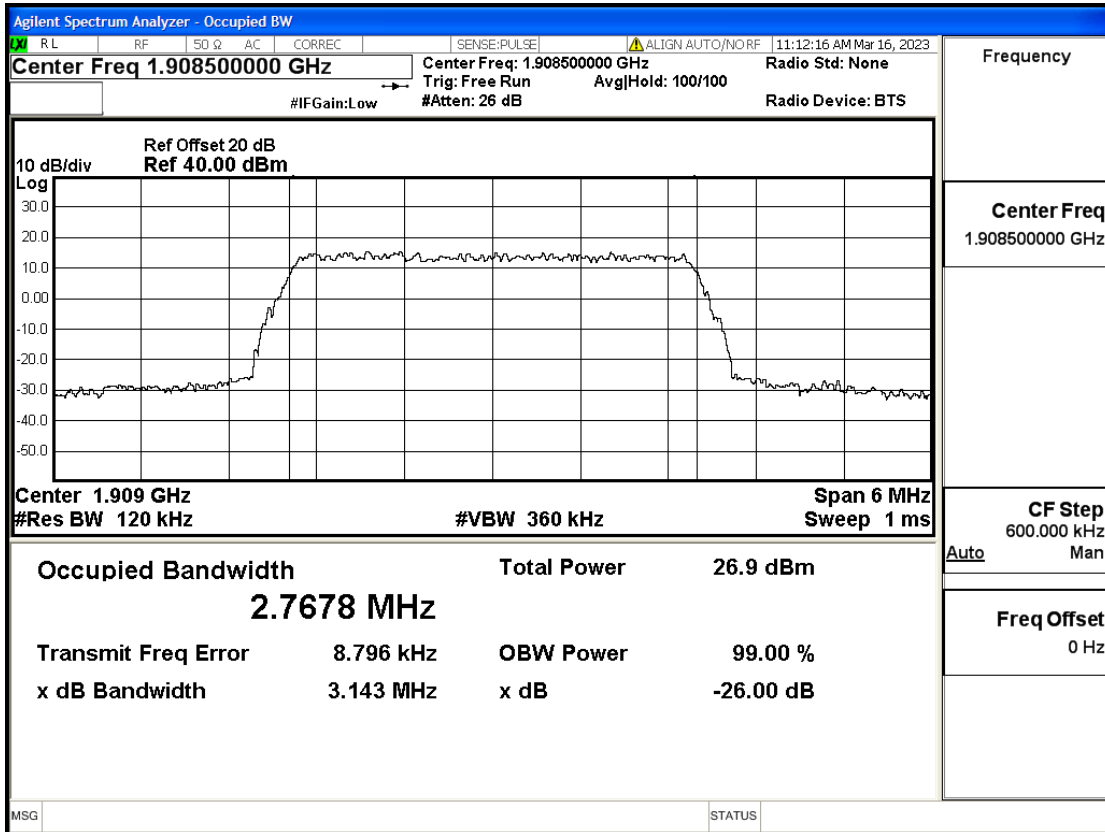
Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth



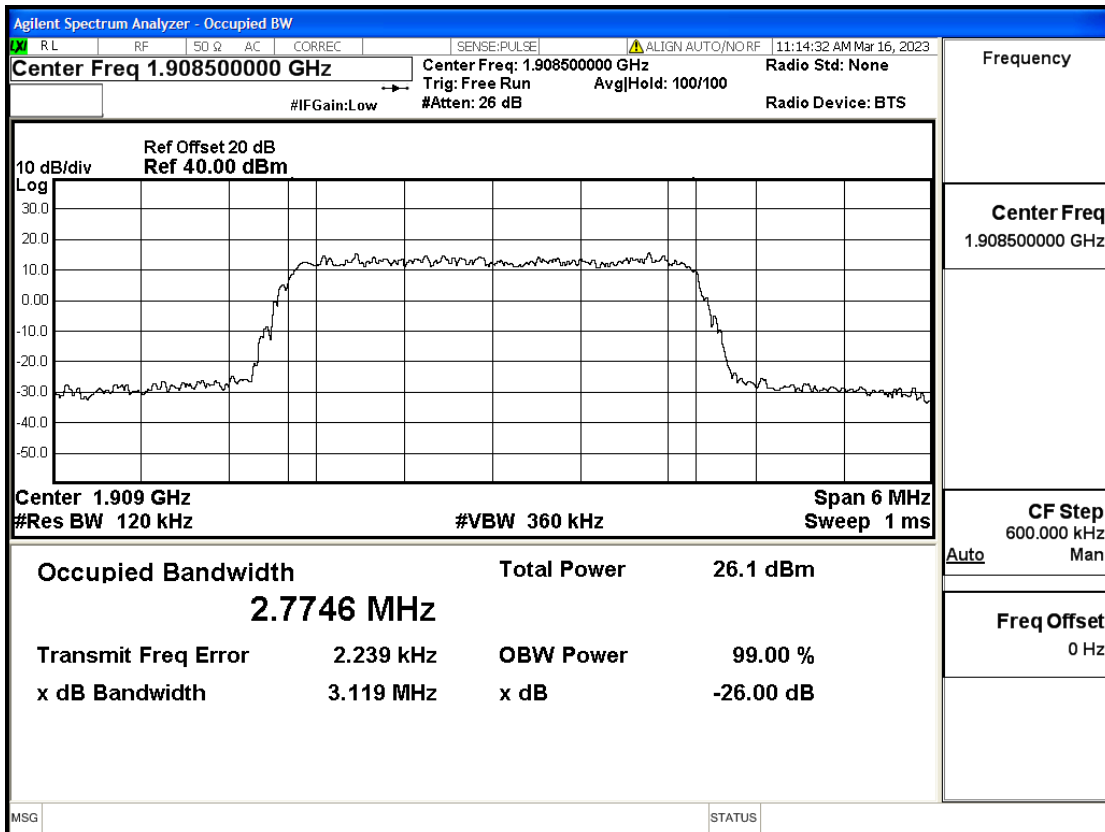
Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth



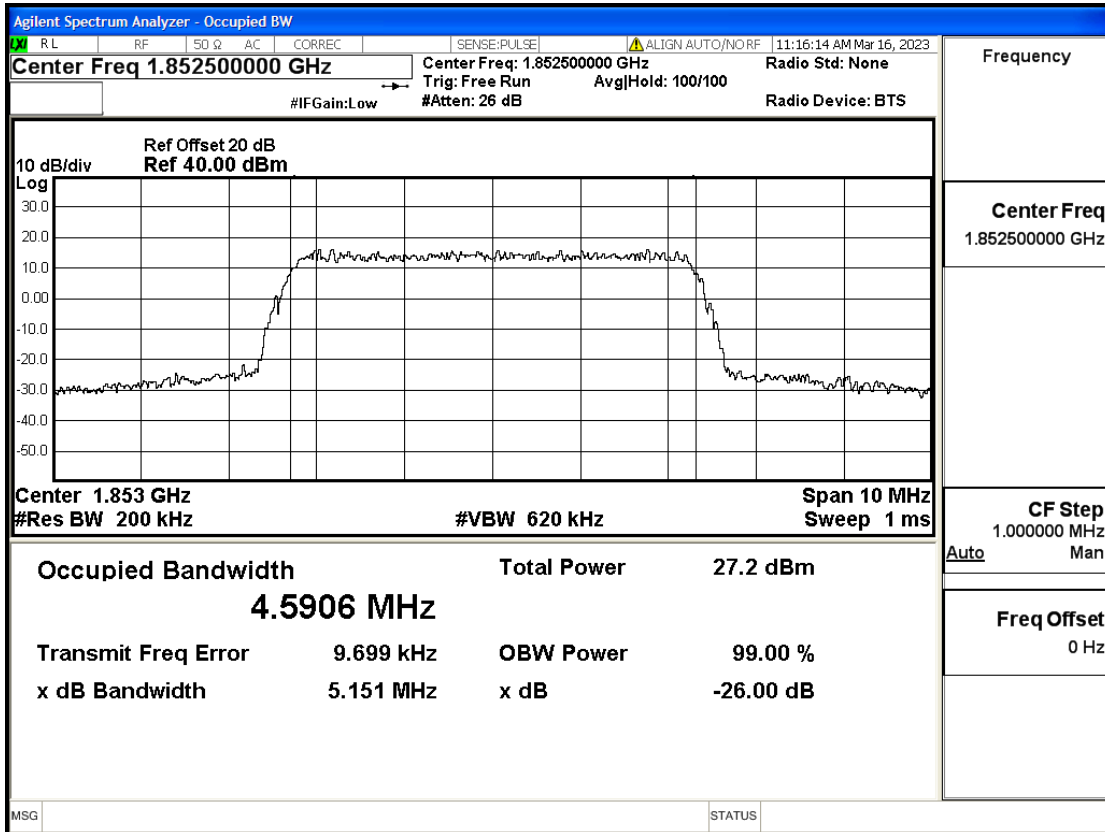
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



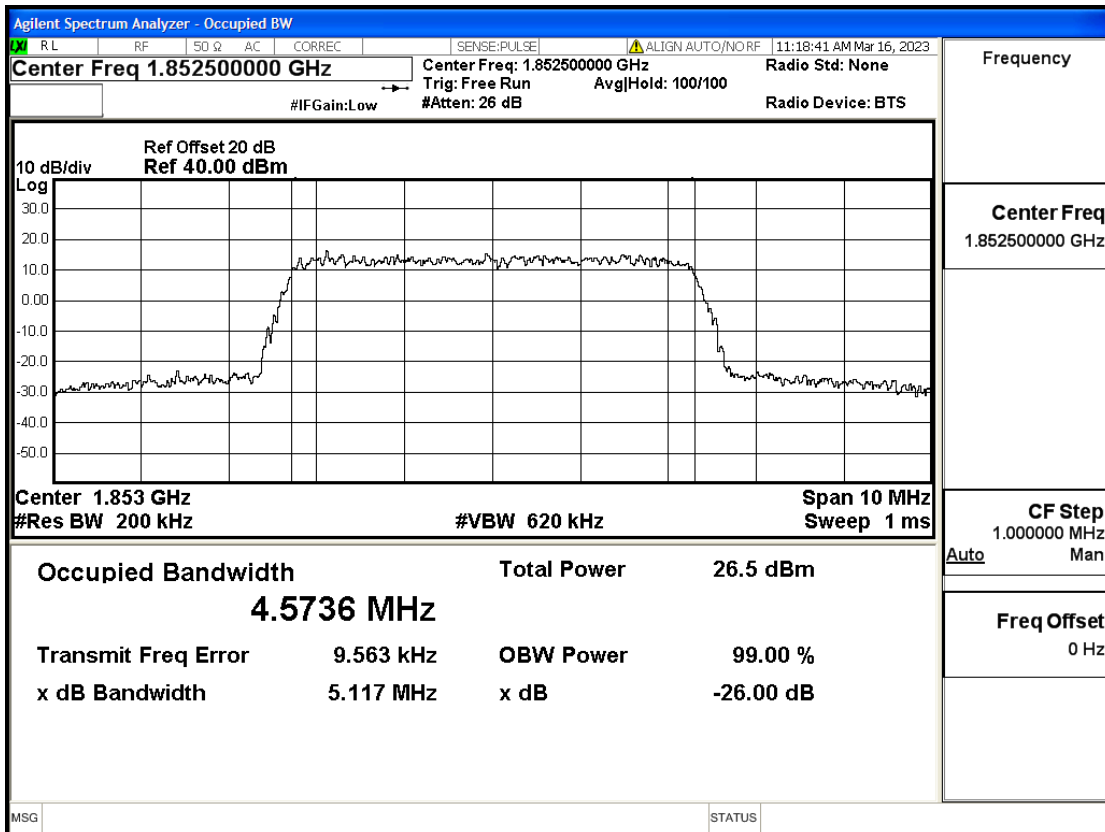
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



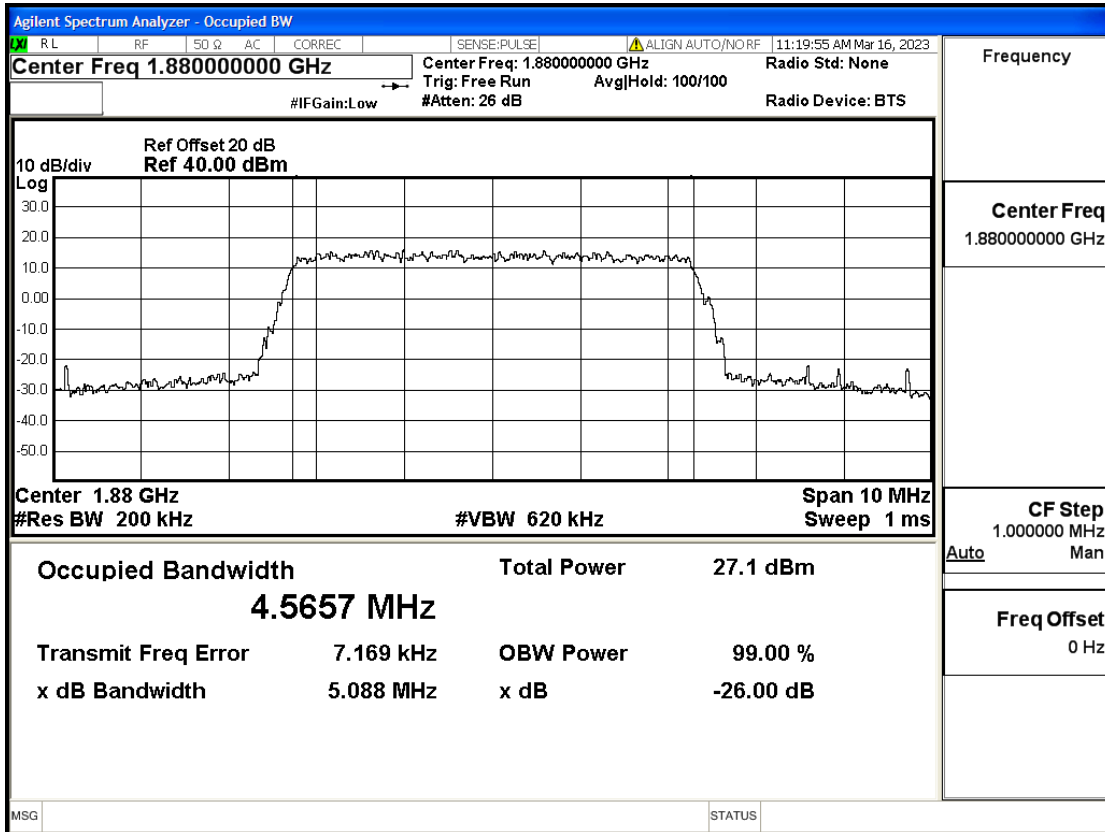
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



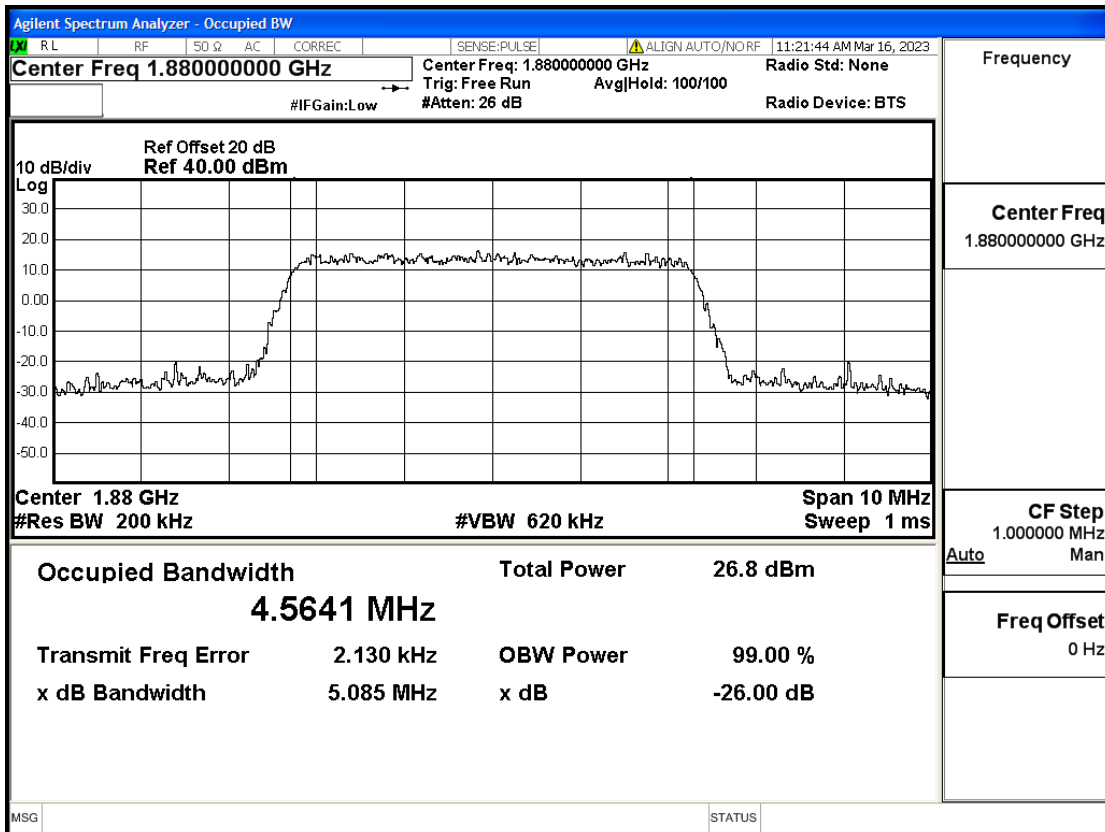
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



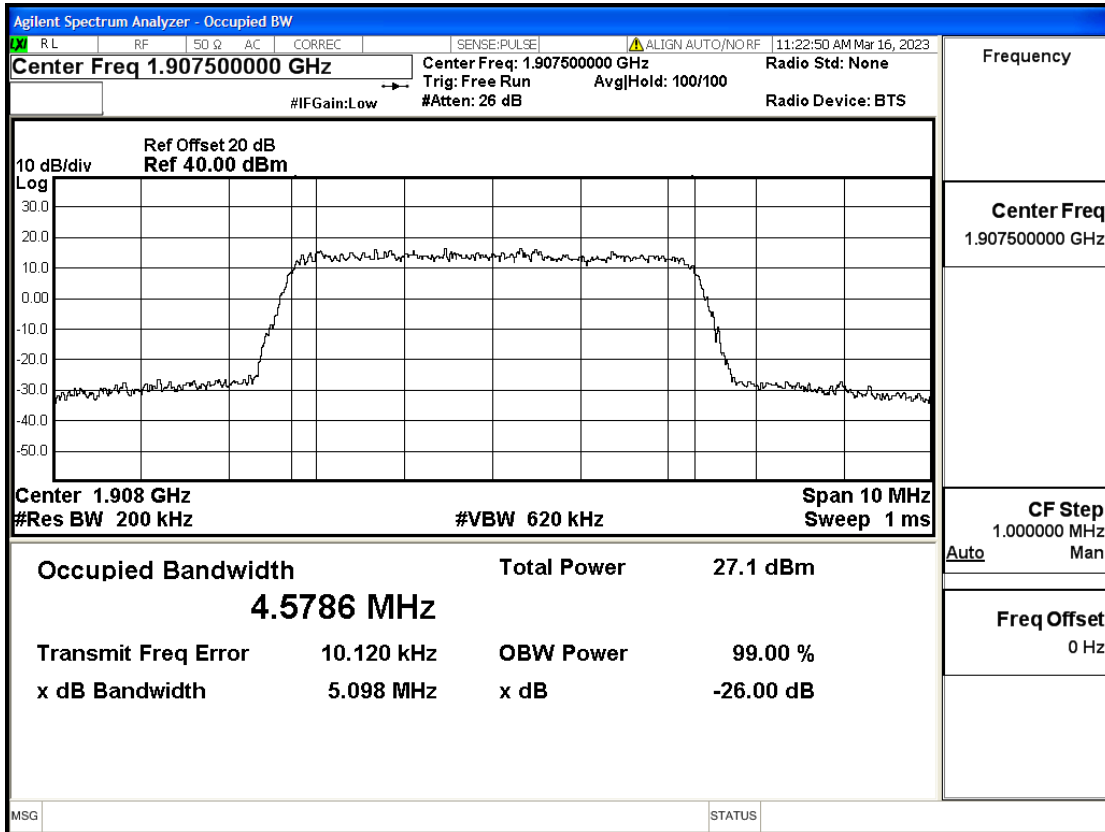
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



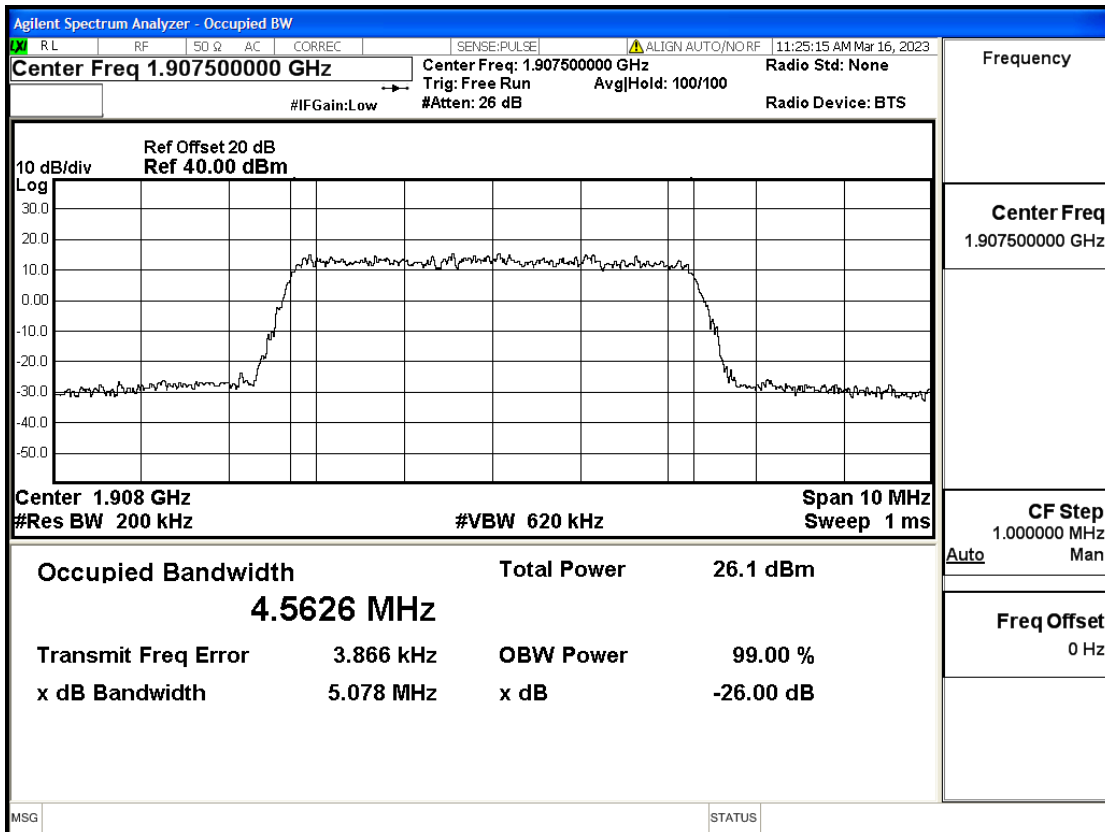
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



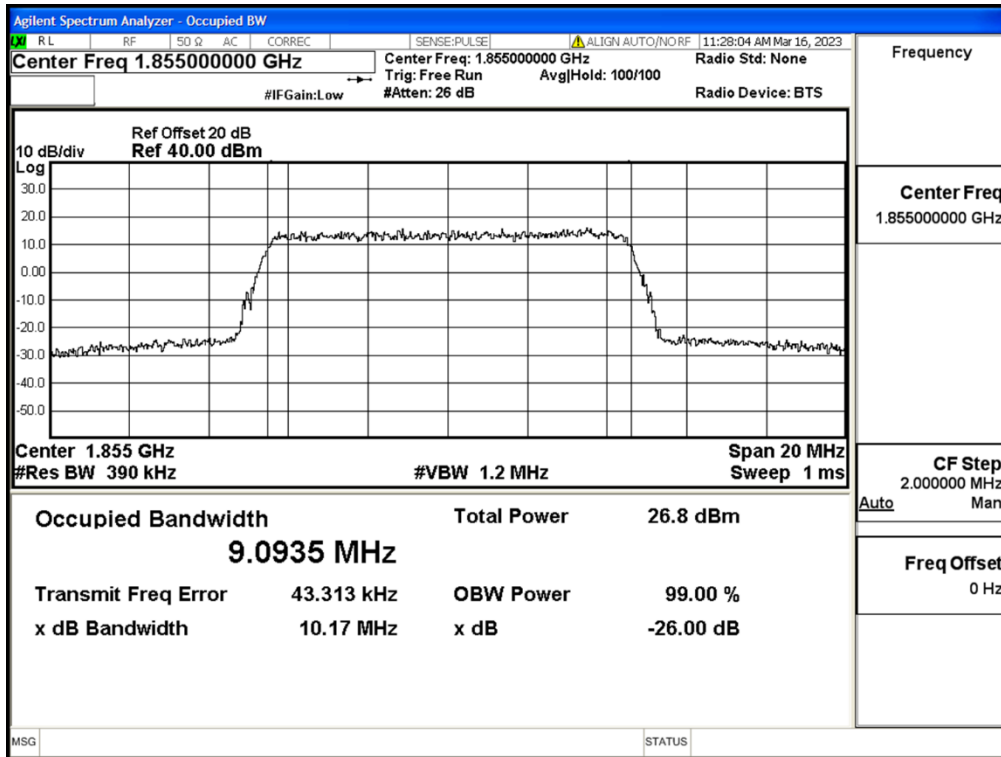
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



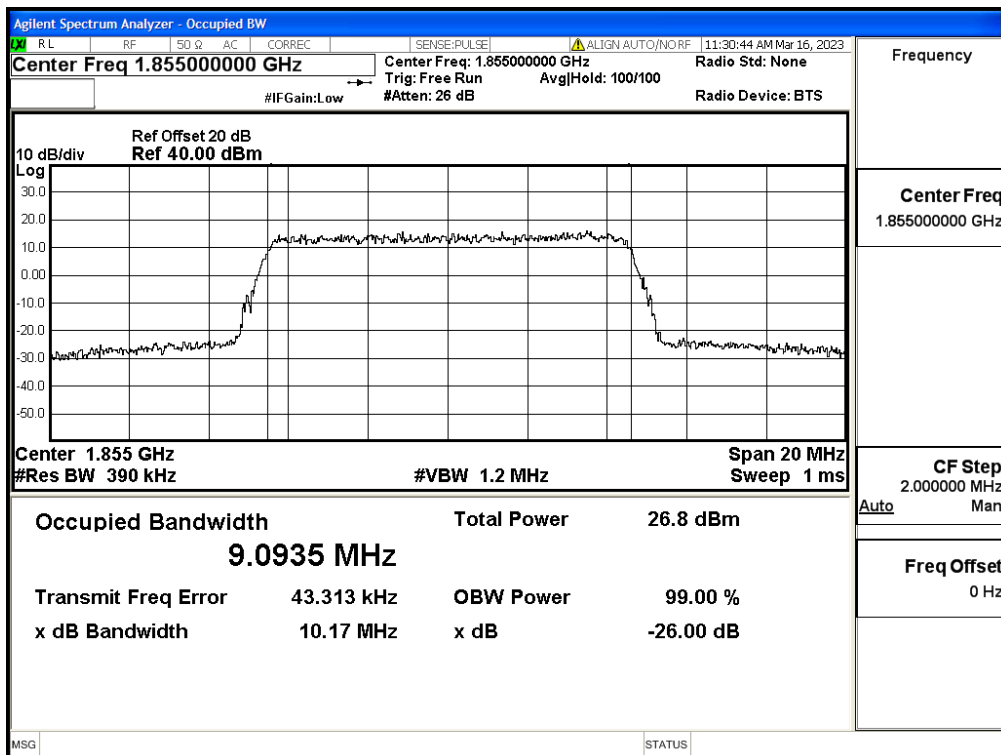
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



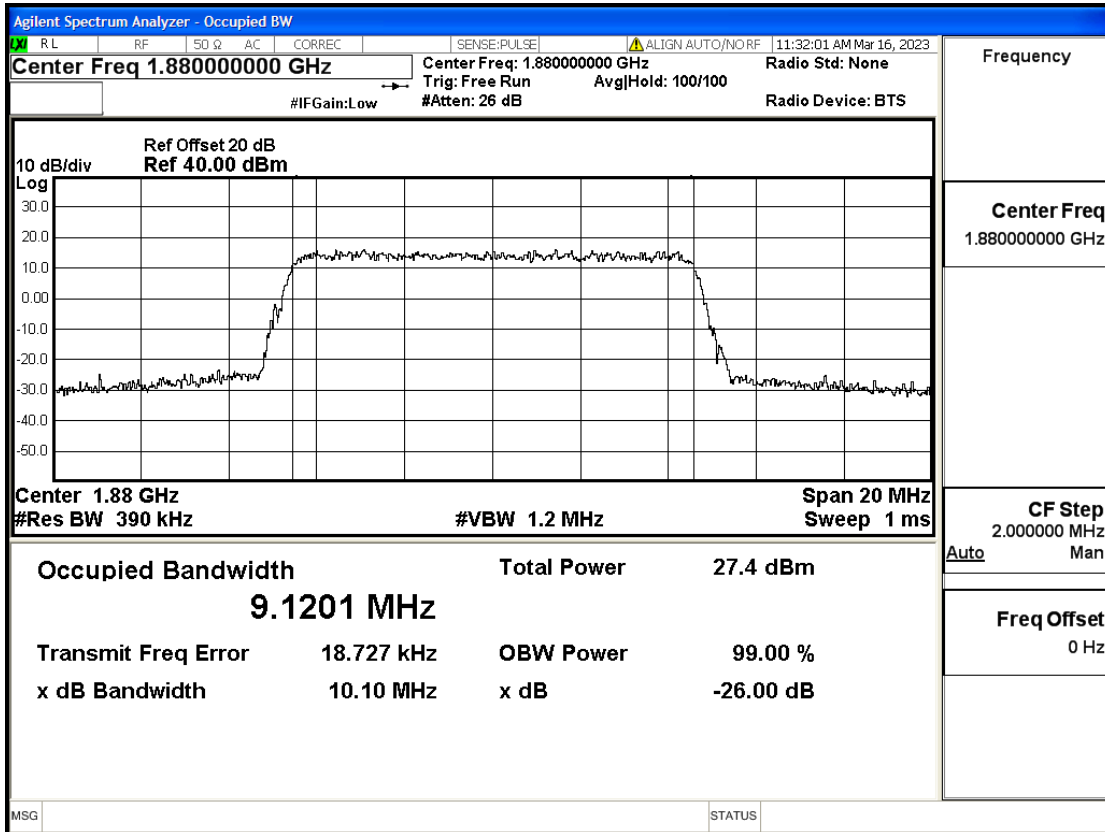
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



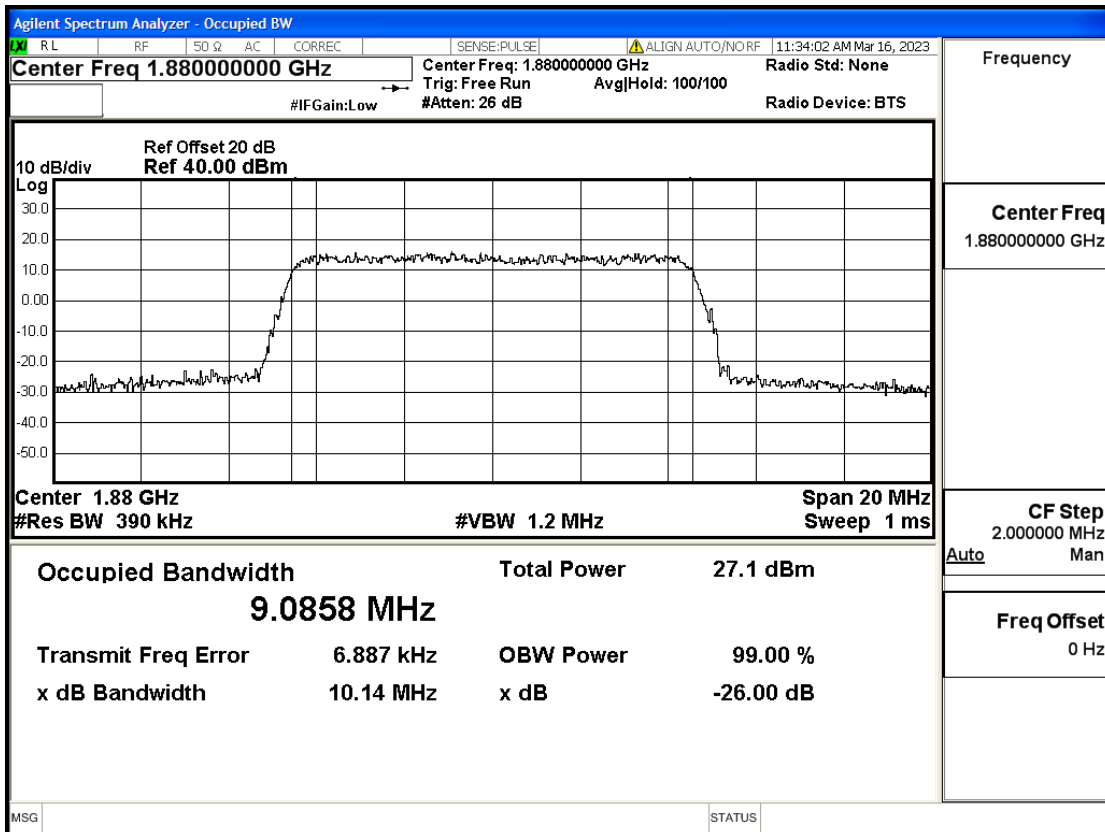
Band2-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



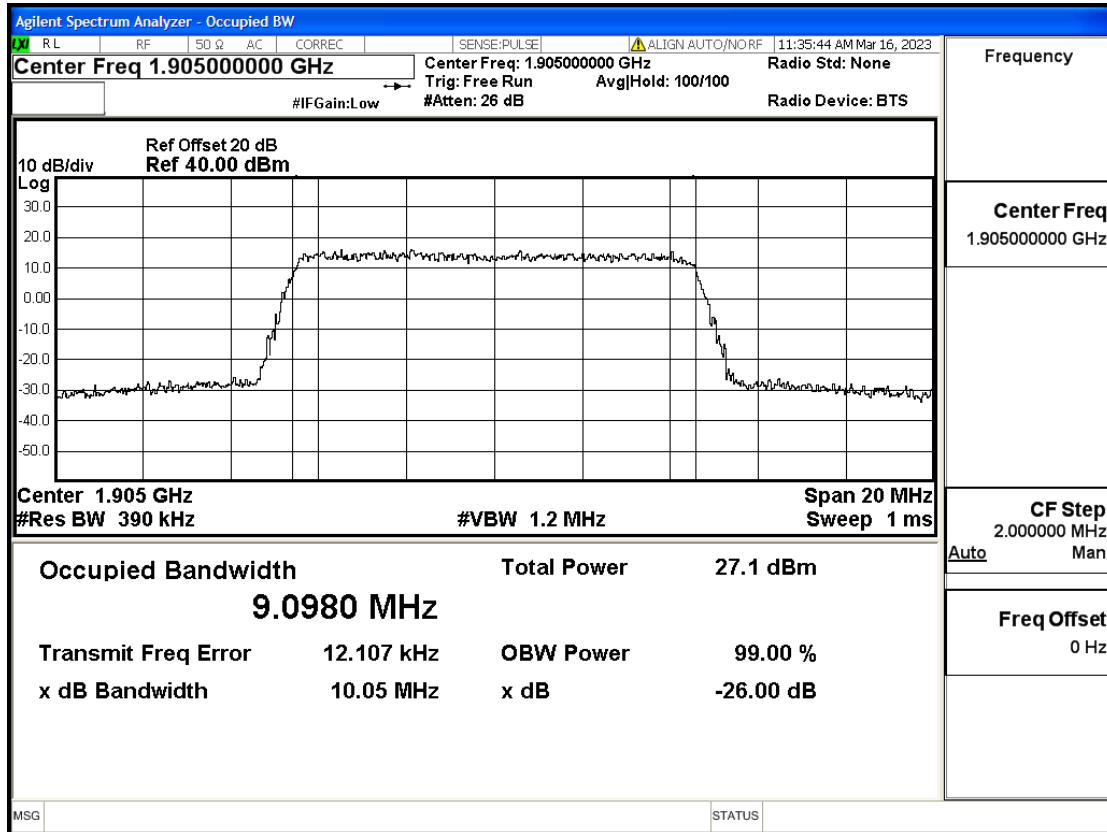
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



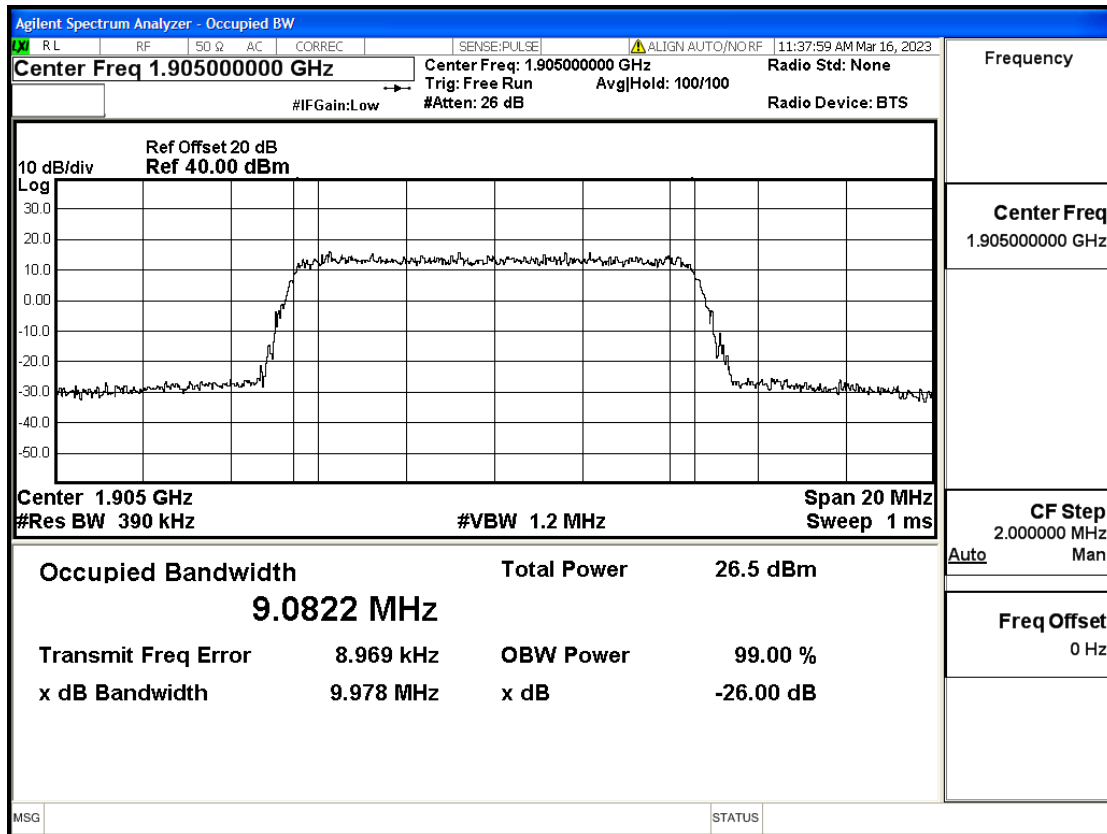
Band2-10-1880-16QAM-50#LOW@26dB and 99PCT Bandwidth



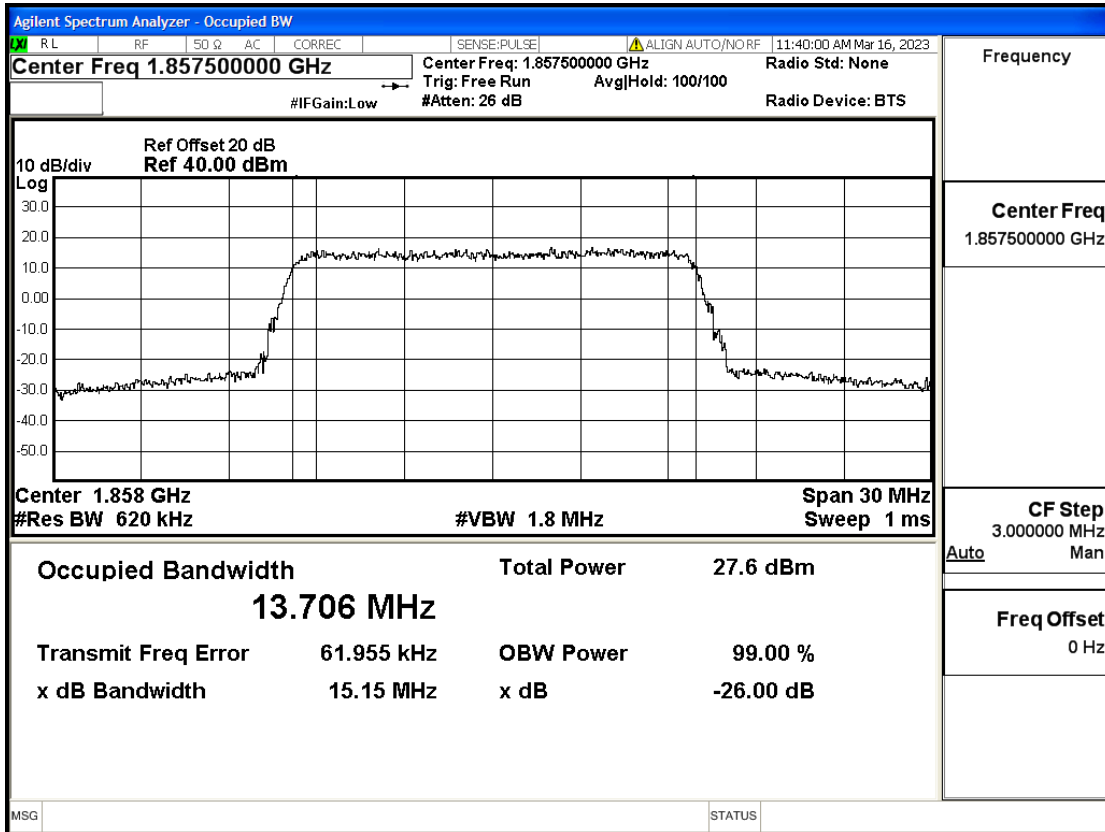
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



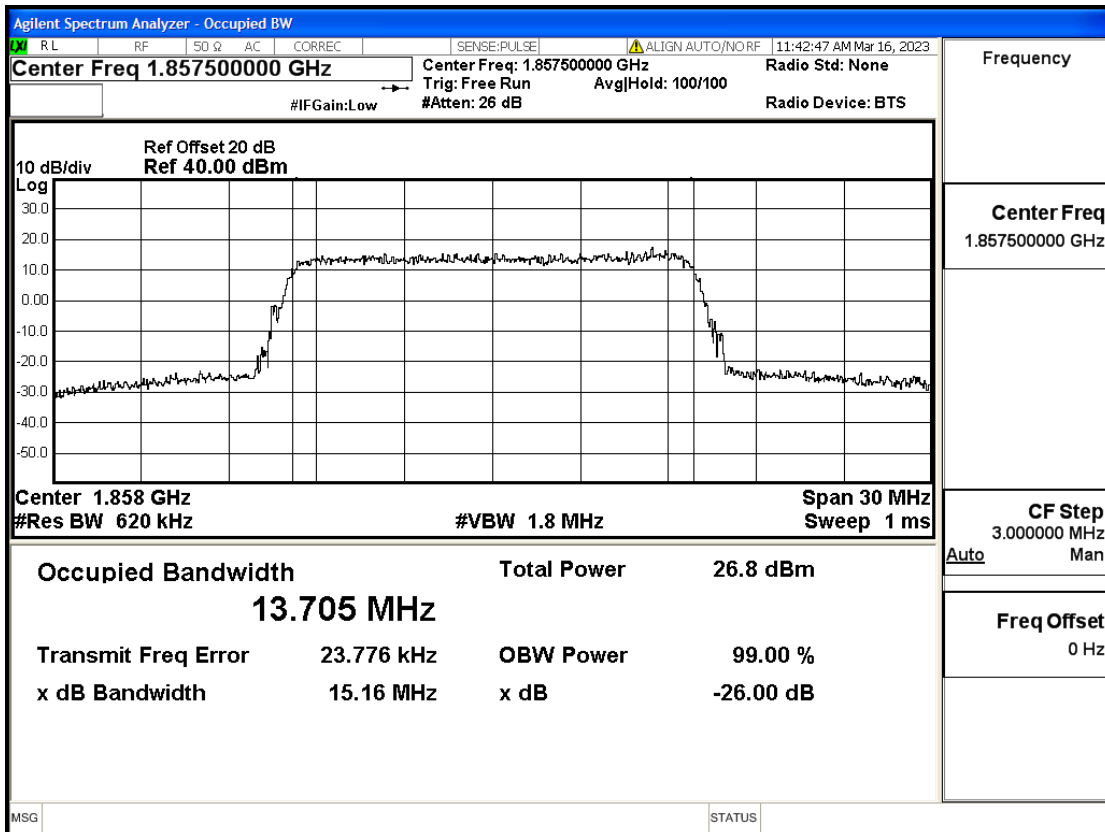
Band2-10-1905-16QAM-50#LOW@26dB and 99PCT Bandwidth



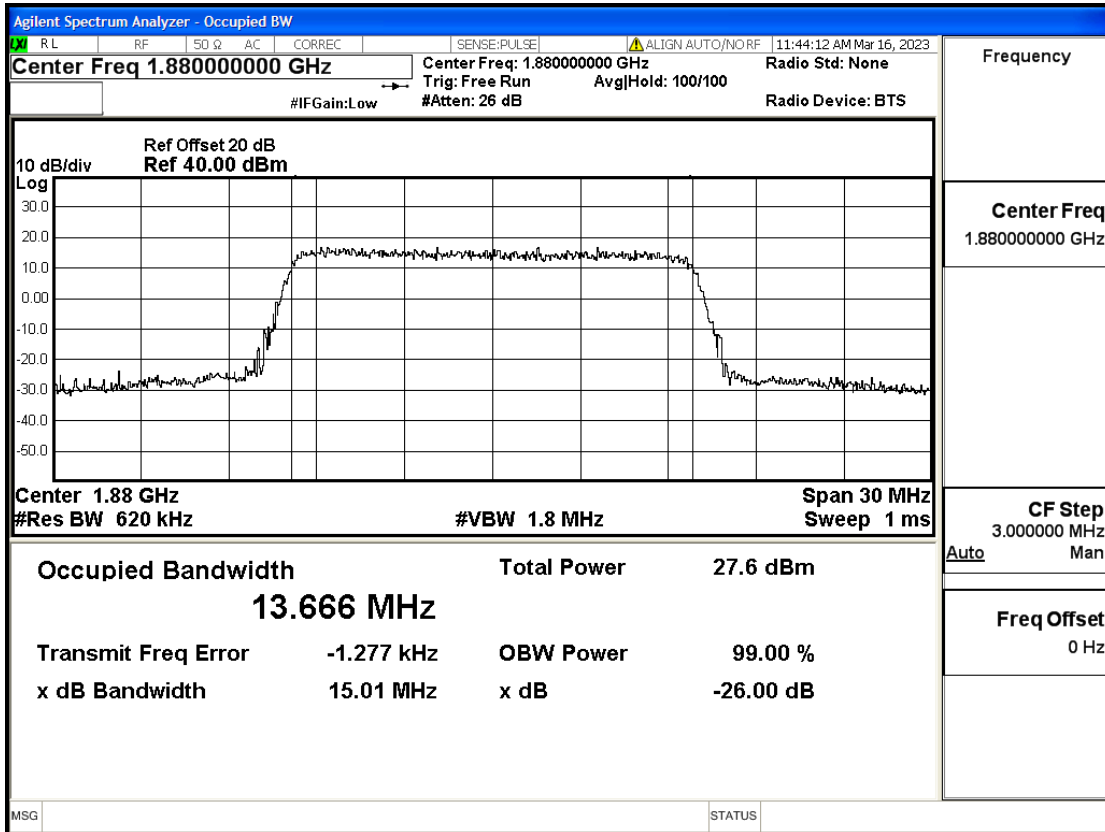
Band2-15-1857.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



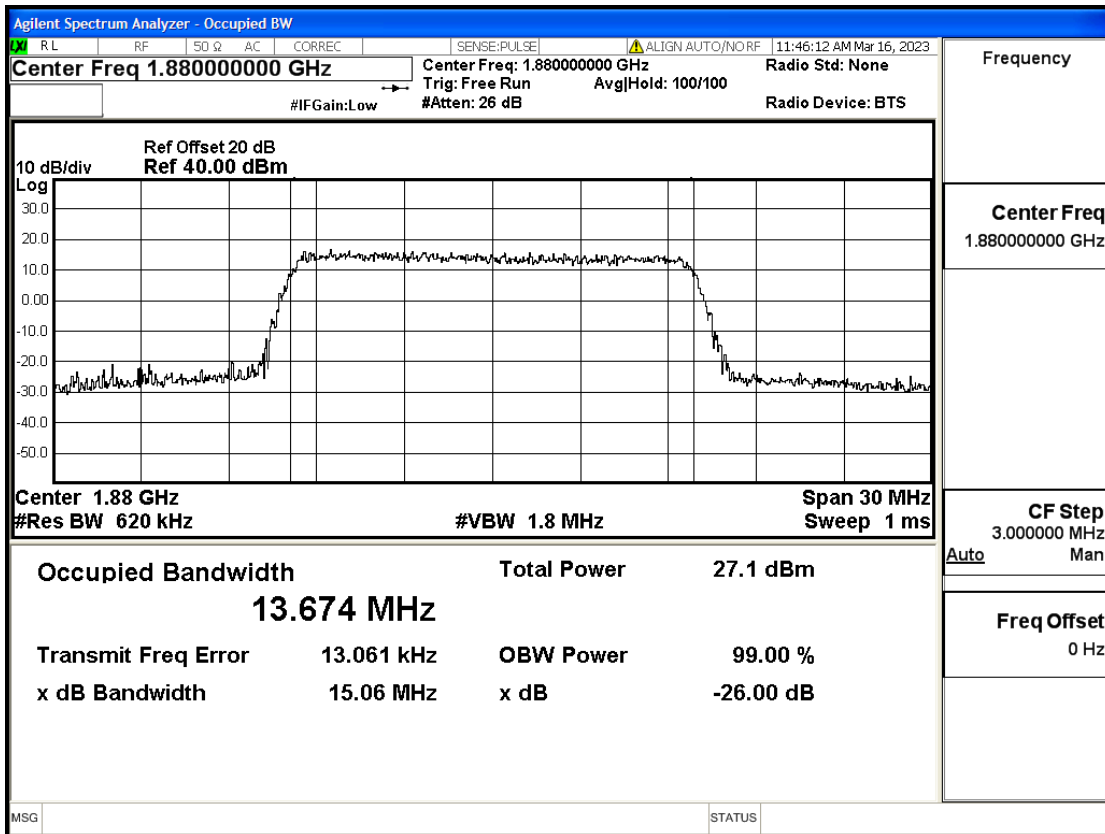
Band2-15-1857.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



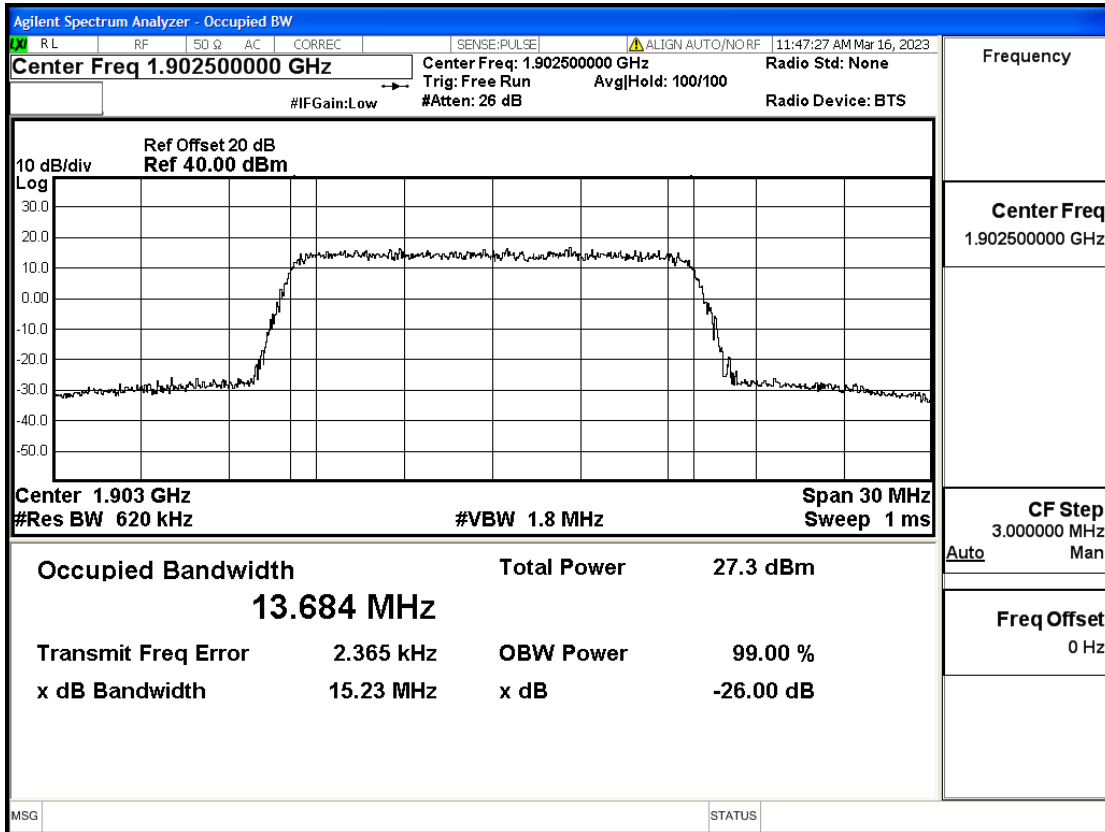
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



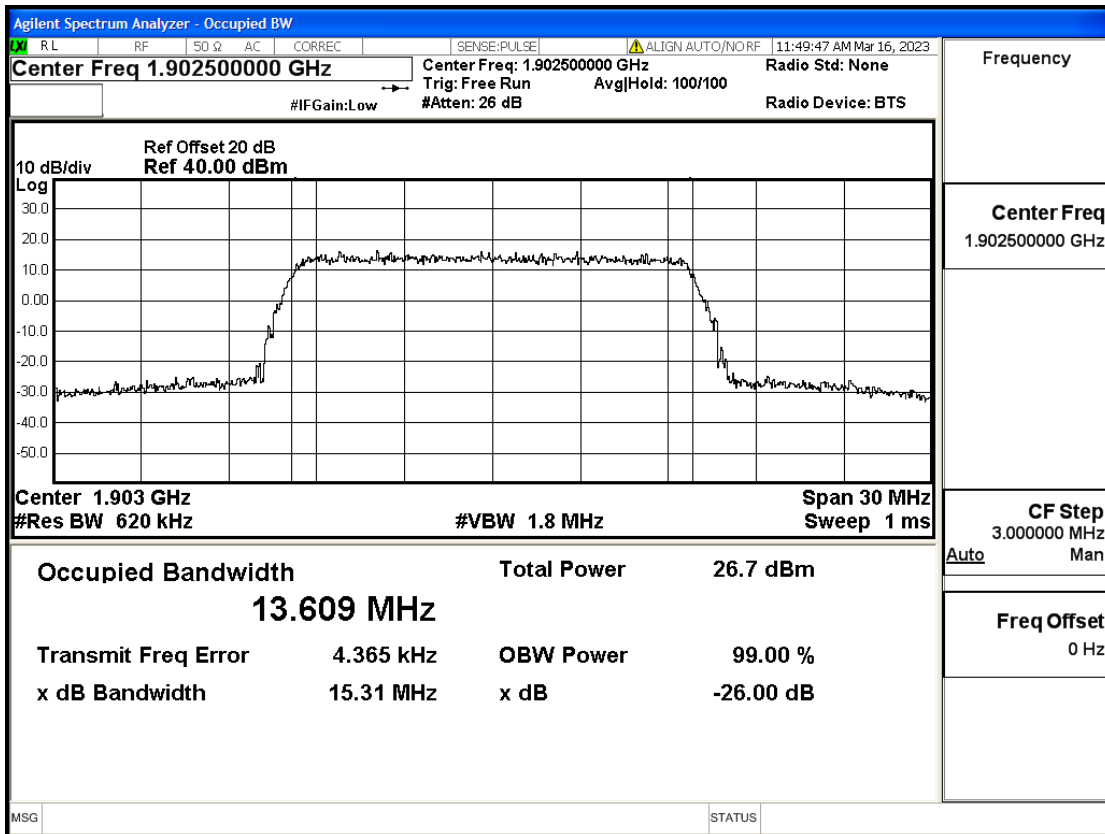
Band2-15-1880-16QAM-75#LOW@26dB and 99PCT Bandwidth



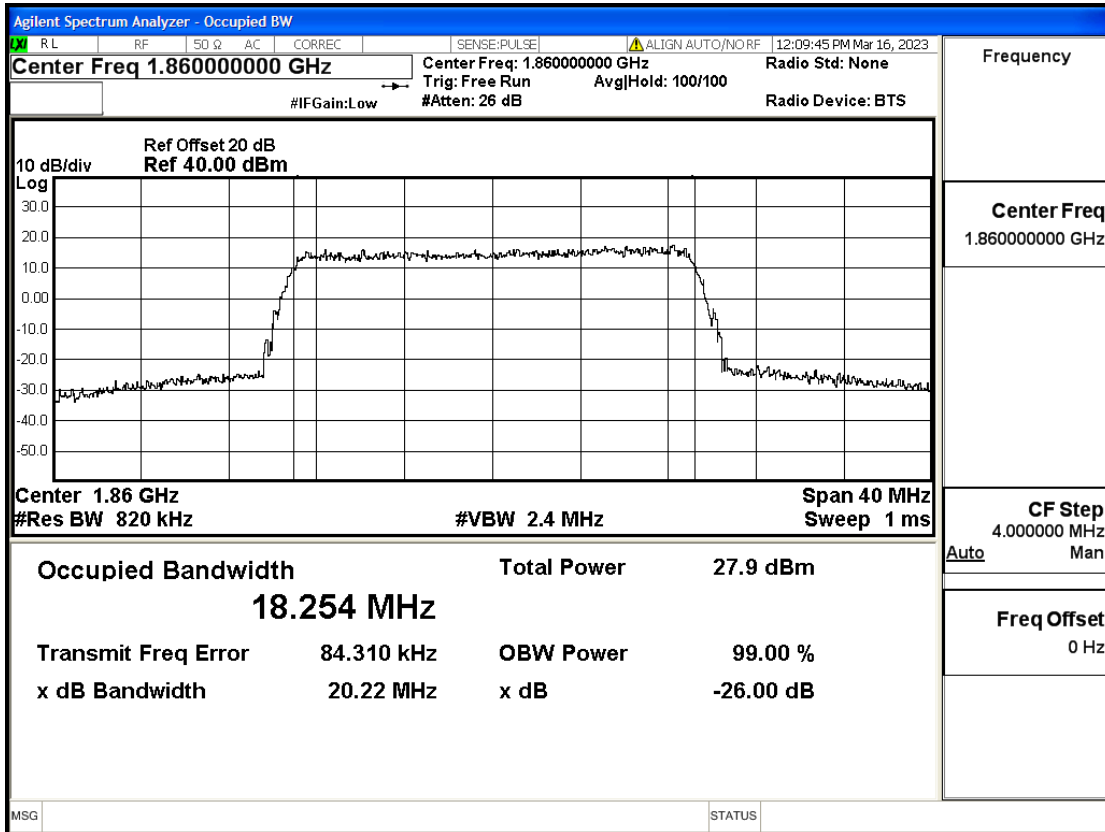
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



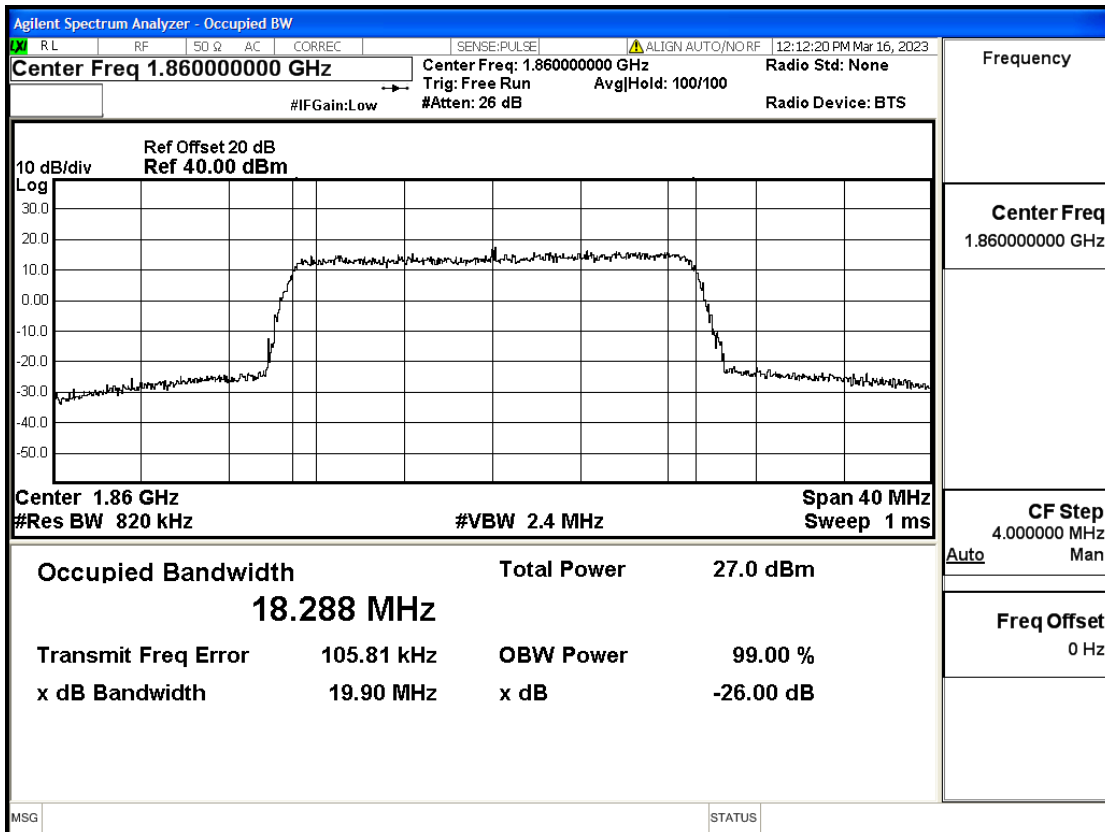
Band2-15-1902.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



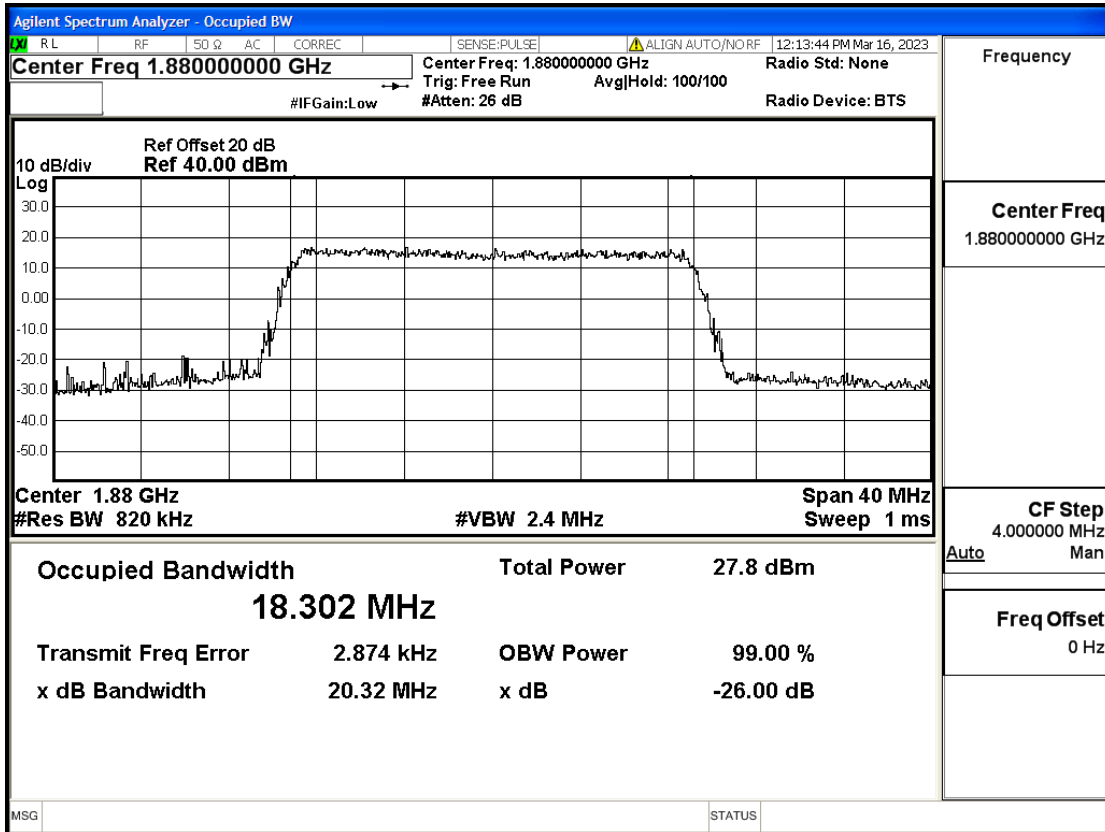
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



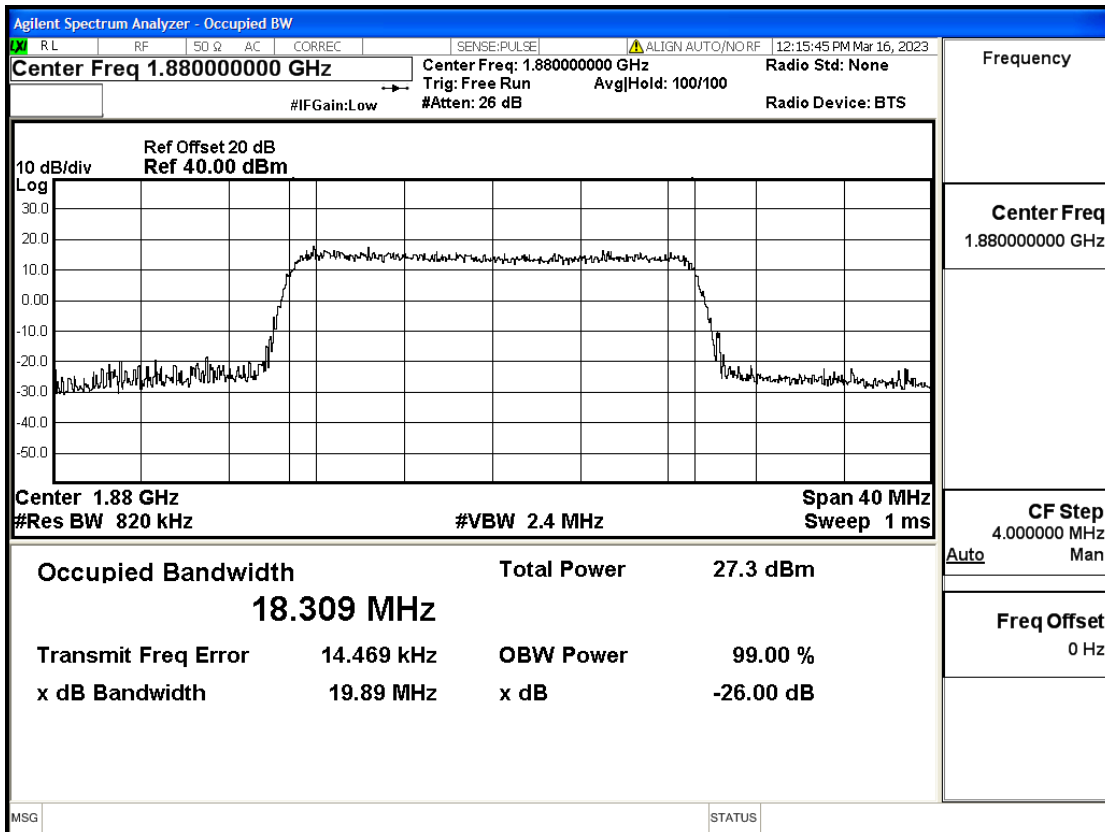
Band2-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth



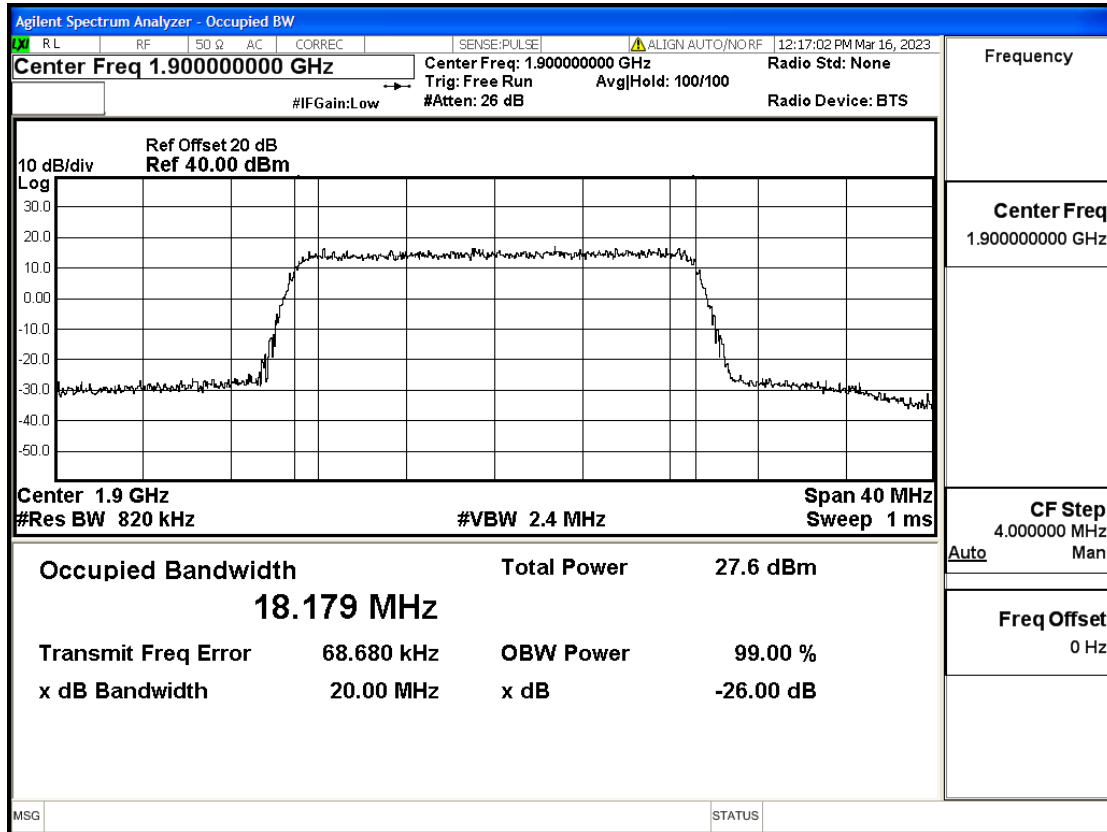
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



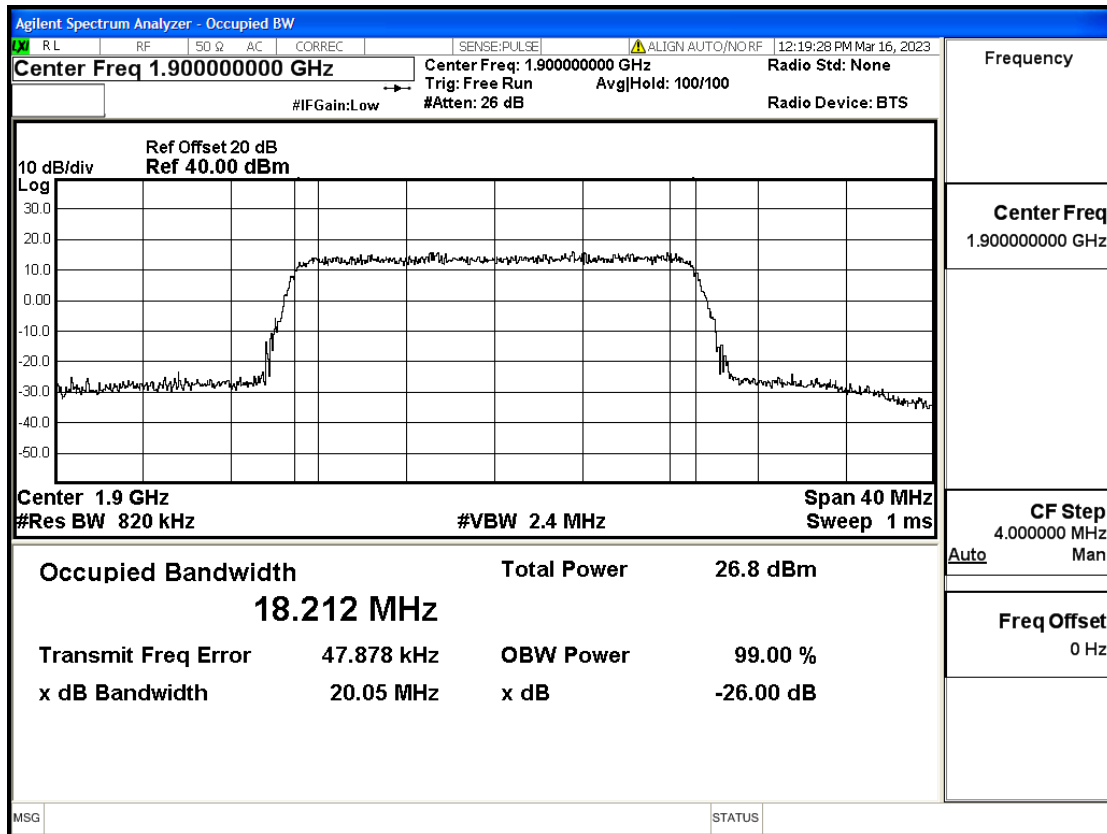
Band2-20-1880-16QAM-100#LOW@26dB and 99PCT Bandwidth



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	0.0681	PASS
40	Normal Voltage	0.0398	
30	Normal Voltage	0.0183	
20(Ref.)	Normal Voltage	0.0263	
10	Normal Voltage	0.0635	
0	Normal Voltage	0.0176	
-10	Normal Voltage	0.0473	
-20	Normal Voltage	0.0328	
-30	Normal Voltage	0.0178	
20	Maximum Voltage	0.0180	
20	Normal Voltage	0.0299	
20	Battery End Point	0.0599	

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	20.75	27.23	6.48	13	0.81	19.56	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	21.93	27.84	5.91	13	0.81	20.74	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	21.91	27.8	5.89	13	0.81	20.72	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	21.88	27.85	5.97	13	0.81	20.69	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	21.88	27.34	5.46	13	0.81	20.69	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	21.81	27.29	5.48	13	0.81	20.62	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	21.84	27.39	5.55	13	0.81	20.65	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	21.97	27.68	5.71	13	0.81	20.78	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	21.15	27.32	6.17	13	0.81	19.96	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	21.15	27.29	6.14	13	0.81	19.96	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	21.25	27.63	6.38	13	0.81	20.06	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	22	27.23	5.23	13	0.81	20.81	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	21.96	27.29	5.33	13	0.81	20.77	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	21.89	27.34	5.45	13	0.81	20.7	33	Pass
Band2	1.4	1880	QPSK	6	LOW	20.74	26.78	6.04	13	0.81	19.55	33	Pass
Band2	1.4	1880	QPSK	3	LOW	21.76	27.37	5.61	13	0.81	20.57	33	Pass
Band2	1.4	1880	QPSK	3	MID	21.85	27.41	5.56	13	0.81	20.66	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	21.74	27.23	5.49	13	0.81	20.55	33	Pass
Band2	1.4	1880	QPSK	1	LOW	21.74	26.75	5.01	13	0.81	20.55	33	Pass
Band2	1.4	1880	QPSK	1	MID	21.7	26.67	4.97	13	0.81	20.51	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	21.71	26.73	5.02	13	0.81	20.52	33	Pass
Band2	1.4	1880	16QAM	6	LOW	20.52	27.25	6.73	13	0.81	19.33	33	Pass
Band2	1.4	1880	16QAM	3	LOW	21.08	27.31	6.23	13	0.81	19.89	33	Pass
Band2	1.4	1880	16QAM	3	MID	21.07	27.3	6.23	13	0.81	19.88	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	21.08	27.36	6.28	13	0.81	19.89	33	Pass
Band2	1.4	1880	16QAM	1	LOW	20.91	26.13	5.22	13	0.81	19.72	33	Pass
Band2	1.4	1880	16QAM	1	MID	20.87	26.11	5.24	13	0.81	19.68	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	21	26.28	5.28	13	0.81	19.81	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	20.53	27.03	6.5	13	0.81	19.34	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	21.68	27.54	5.86	13	0.81	20.49	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	21.67	27.56	5.89	13	0.81	20.48	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	21.7	27.55	5.85	13	0.81	20.51	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	21.67	27.22	5.55	13	0.81	20.48	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	21.67	27.14	5.47	13	0.81	20.48	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	21.6	27.16	5.56	13	0.81	20.41	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	21.6	27.16	5.56	13	0.81	20.41	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	20.61	27.01	6.4	13	0.81	19.42	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	20.6	27.02	6.42	13	0.81	19.41	33	Pass
Band2	1.4	1909.3	16QAM	3	HIGH	20.68	27.03	6.35	13	0.81	19.49	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	21.41	26.98	5.57	13	0.81	20.22	33	Pass

Band2	1.4	1909.3	16QAM	1	MID	21.41	27	5.59	13	0.81	20.22	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	21.41	26.91	5.5	13	0.81	20.22	33	Pass
Band2	3	1851.5	QPSK	15	LOW	20.84	27.99	7.15	13	0.81	19.65	33	Pass
Band2	3	1851.5	QPSK	8	LOW	20.9	27.5	6.6	13	0.81	19.71	33	Pass
Band2	3	1851.5	QPSK	8	MID	20.9	27.47	6.57	13	0.81	19.71	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	20.8	27.27	6.47	13	0.81	19.61	33	Pass
Band2	3	1851.5	QPSK	1	LOW	21.94	27.03	5.09	13	0.81	20.75	33	Pass
Band2	3	1851.5	QPSK	1	MID	21.69	26.98	5.29	13	0.81	20.5	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	21.7	26.98	5.28	13	0.81	20.51	33	Pass
Band2	3	1851.5	16QAM	15	LOW	20.16	27.11	6.95	13	0.81	18.97	33	Pass
Band2	3	1851.5	16QAM	8	LOW	20.32	27.2	6.88	13	0.81	19.13	33	Pass
Band2	3	1851.5	16QAM	8	MID	20.32	26.98	6.66	13	0.81	19.13	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	20.19	26.62	6.43	13	0.81	19	33	Pass
Band2	3	1851.5	16QAM	1	LOW	20.92	26.26	5.34	13	0.81	19.73	33	Pass
Band2	3	1851.5	16QAM	1	MID	20.91	26.33	5.42	13	0.81	19.72	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	21.02	26.31	5.29	13	0.81	19.83	33	Pass
Band2	3	1880	QPSK	15	LOW	20.8	27.91	7.11	13	0.81	19.61	33	Pass
Band2	3	1880	QPSK	8	LOW	20.75	26.91	6.16	13	0.81	19.56	33	Pass
Band2	3	1880	QPSK	8	MID	20.75	27.05	6.3	13	0.81	19.56	33	Pass
Band2	3	1880	QPSK	8	HIGH	20.77	27.35	6.58	13	0.81	19.58	33	Pass
Band2	3	1880	QPSK	1	LOW	21.65	27.02	5.37	13	0.81	20.46	33	Pass
Band2	3	1880	QPSK	1	MID	21.71	27.07	5.36	13	0.81	20.52	33	Pass
Band2	3	1880	QPSK	1	HIGH	21.6	27.02	5.42	13	0.81	20.41	33	Pass
Band2	3	1880	16QAM	15	LOW	20.34	27.14	6.8	13	0.81	19.15	33	Pass
Band2	3	1880	16QAM	8	LOW	20.55	27.16	6.61	13	0.81	19.36	33	Pass
Band2	3	1880	16QAM	8	MID	20.56	27.35	6.79	13	0.81	19.37	33	Pass
Band2	3	1880	16QAM	8	HIGH	20.07	26.57	6.5	13	0.81	18.88	33	Pass
Band2	3	1880	16QAM	1	LOW	20.91	26.28	5.37	13	0.81	19.72	33	Pass
Band2	3	1880	16QAM	1	MID	21.03	26.41	5.38	13	0.81	19.84	33	Pass
Band2	3	1880	16QAM	1	HIGH	20.87	26.3	5.43	13	0.81	19.68	33	Pass
Band2	3	1908.5	QPSK	15	LOW	20.64	26.92	6.28	13	0.81	19.45	33	Pass
Band2	3	1908.5	QPSK	8	LOW	20.59	26.92	6.33	13	0.81	19.4	33	Pass
Band2	3	1908.5	QPSK	8	MID	20.6	26.91	6.31	13	0.81	19.41	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	20.58	26.95	6.37	13	0.81	19.39	33	Pass
Band2	3	1908.5	QPSK	1	LOW	21.71	27.07	5.36	13	0.81	20.52	33	Pass
Band2	3	1908.5	QPSK	1	MID	21.72	27.03	5.31	13	0.81	20.53	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	21.69	27.03	5.34	13	0.81	20.5	33	Pass
Band2	3	1908.5	16QAM	15	LOW	19.97	27.61	7.64	13	0.81	18.78	33	Pass
Band2	3	1908.5	16QAM	8	LOW	19.96	27.08	7.12	13	0.81	18.77	33	Pass
Band2	3	1908.5	16QAM	8	MID	19.96	27.2	7.24	13	0.81	18.77	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	20.03	27.16	7.13	13	0.81	18.84	33	Pass
Band2	3	1908.5	16QAM	1	LOW	20.99	27.7	6.71	13	0.81	19.8	33	Pass
Band2	3	1908.5	16QAM	1	MID	21.02	27.58	6.56	13	0.81	19.83	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	21.01	27.61	6.6	13	0.81	19.82	33	Pass
Band2	5	1852.5	QPSK	25	LOW	20.82	27.5	6.68	13	0.81	19.63	33	Pass
Band2	5	1852.5	QPSK	12	LOW	20.99	27.18	6.19	13	0.81	19.8	33	Pass

Band2	5	1852.5	QPSK	12	MID	20.99	27.18	6.19	13	0.81	19.8	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	21.01	27.49	6.48	13	0.81	19.82	33	Pass
Band2	5	1852.5	QPSK	1	LOW	22.09	28.13	6.04	13	0.81	20.9	33	Pass
Band2	5	1852.5	QPSK	1	MID	21.89	28.14	6.25	13	0.81	20.7	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	21.79	28.37	6.58	13	0.81	20.6	33	Pass
Band2	5	1852.5	16QAM	25	LOW	20.7	27.38	6.68	13	0.81	19.51	33	Pass
Band2	5	1852.5	16QAM	12	LOW	20.17	27.96	7.79	13	0.81	18.98	33	Pass
Band2	5	1852.5	16QAM	12	MID	20.18	27.97	7.79	13	0.81	18.99	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	19.97	27.78	7.81	13	0.81	18.78	33	Pass
Band2	5	1852.5	16QAM	1	LOW	20.31	26.36	6.05	13	0.81	19.12	33	Pass
Band2	5	1852.5	16QAM	1	MID	20.24	26.27	6.03	13	0.81	19.05	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	20.14	26.37	6.23	13	0.81	18.95	33	Pass
Band2	5	1880	QPSK	25	LOW	20.78	27.57	6.79	13	0.81	19.59	33	Pass
Band2	5	1880	QPSK	12	LOW	20.85	27.59	6.74	13	0.81	19.66	33	Pass
Band2	5	1880	QPSK	12	MID	20.85	27.47	6.62	13	0.81	19.66	33	Pass
Band2	5	1880	QPSK	12	HIGH	20.73	27.54	6.81	13	0.81	19.54	33	Pass
Band2	5	1880	QPSK	1	LOW	21.98	27.31	5.33	13	0.81	20.79	33	Pass
Band2	5	1880	QPSK	1	MID	22.02	27.23	5.21	13	0.81	20.83	33	Pass
Band2	5	1880	QPSK	1	HIGH	22	27.33	5.33	13	0.81	20.81	33	Pass
Band2	5	1880	16QAM	25	LOW	20.39	28.03	7.64	13	0.81	19.2	33	Pass
Band2	5	1880	16QAM	12	LOW	20.23	27.14	6.91	13	0.81	19.04	33	Pass
Band2	5	1880	16QAM	12	MID	20.24	27.21	6.97	13	0.81	19.05	33	Pass
Band2	5	1880	16QAM	12	HIGH	19.87	26.89	7.02	13	0.81	18.68	33	Pass
Band2	5	1880	16QAM	1	LOW	20.95	26.95	6	13	0.81	19.76	33	Pass
Band2	5	1880	16QAM	1	MID	20.91	26.86	5.95	13	0.81	19.72	33	Pass
Band2	5	1880	16QAM	1	HIGH	20.97	27.03	6.06	13	0.81	19.78	33	Pass
Band2	5	1907.5	QPSK	25	LOW	20.66	27.08	6.42	13	0.81	19.47	33	Pass
Band2	5	1907.5	QPSK	12	LOW	20.63	26.95	6.32	13	0.81	19.44	33	Pass
Band2	5	1907.5	QPSK	12	MID	20.64	26.9	6.26	13	0.81	19.45	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	20.65	26.97	6.32	13	0.81	19.46	33	Pass
Band2	5	1907.5	QPSK	1	LOW	21.61	27.52	5.91	13	0.81	20.42	33	Pass
Band2	5	1907.5	QPSK	1	MID	21.64	27.45	5.81	13	0.81	20.45	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	21.66	27.48	5.82	13	0.81	20.47	33	Pass
Band2	5	1907.5	16QAM	25	LOW	19.72	27.72	8	13	0.81	18.53	33	Pass
Band2	5	1907.5	16QAM	12	LOW	19.74	27.09	7.35	13	0.81	18.55	33	Pass
Band2	5	1907.5	16QAM	12	MID	19.76	26.96	7.2	13	0.81	18.57	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	19.84	27.17	7.33	13	0.81	18.65	33	Pass
Band2	5	1907.5	16QAM	1	LOW	20.86	27.6	6.74	13	0.81	19.67	33	Pass
Band2	5	1907.5	16QAM	1	MID	20.77	27.49	6.72	13	0.81	19.58	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	20.74	27.48	6.74	13	0.81	19.55	33	Pass
Band2	10	1855	QPSK	50	LOW	21.89	27.75	5.86	13	0.81	20.7	33	Pass
Band2	10	1855	QPSK	25	LOW	20.91	27.7	6.79	13	0.81	19.72	33	Pass
Band2	10	1855	QPSK	25	MID	20.92	27.68	6.76	13	0.81	19.73	33	Pass
Band2	10	1855	QPSK	25	HIGH	20.83	27.7	6.87	13	0.81	19.64	33	Pass
Band2	10	1855	QPSK	1	LOW	21.78	27.23	5.45	13	0.81	20.59	33	Pass
Band2	10	1855	QPSK	1	MID	21.72	27.16	5.44	13	0.81	20.53	33	Pass

Band2	10	1855	QPSK	1	HIGH	21.7	27.22	5.52	13	0.81	20.51	33	Pass
Band2	10	1855	16QAM	50	LOW	21.29	27.79	6.5	13	0.81	20.1	33	Pass
Band2	10	1855	16QAM	25	LOW	19.89	27.7	7.81	13	0.81	18.7	33	Pass
Band2	10	1855	16QAM	25	MID	19.9	27.7	7.8	13	0.81	18.71	33	Pass
Band2	10	1855	16QAM	25	HIGH	19.91	27.83	7.92	13	0.81	18.72	33	Pass
Band2	10	1855	16QAM	1	LOW	21.3	27.92	6.62	13	0.81	20.11	33	Pass
Band2	10	1855	16QAM	1	MID	21.26	28.05	6.79	13	0.81	20.07	33	Pass
Band2	10	1855	16QAM	1	HIGH	21.17	28.11	6.94	13	0.81	19.98	33	Pass
Band2	10	1880	QPSK	50	LOW	20.72	27.46	6.74	13	0.81	19.53	33	Pass
Band2	10	1880	QPSK	25	LOW	20.83	27.15	6.32	13	0.81	19.64	33	Pass
Band2	10	1880	QPSK	25	MID	20.83	27.24	6.41	13	0.81	19.64	33	Pass
Band2	10	1880	QPSK	25	HIGH	20.84	27.48	6.64	13	0.81	19.65	33	Pass
Band2	10	1880	QPSK	1	LOW	22.21	27.4	5.19	13	0.81	21.02	33	Pass
Band2	10	1880	QPSK	1	MID	22.07	27.32	5.25	13	0.81	20.88	33	Pass
Band2	10	1880	QPSK	1	HIGH	22.05	27.66	5.61	13	0.81	20.86	33	Pass
Band2	10	1880	16QAM	50	LOW	20.4	27.49	7.09	13	0.81	19.21	33	Pass
Band2	10	1880	16QAM	25	LOW	20.06	27.71	7.65	13	0.81	18.87	33	Pass
Band2	10	1880	16QAM	25	MID	20.07	27.7	7.63	13	0.81	18.88	33	Pass
Band2	10	1880	16QAM	25	HIGH	20.06	27.81	7.75	13	0.81	18.87	33	Pass
Band2	10	1880	16QAM	1	LOW	21.78	26.85	5.07	13	0.81	20.59	33	Pass
Band2	10	1880	16QAM	1	MID	21.69	26.73	5.04	13	0.81	20.5	33	Pass
Band2	10	1880	16QAM	1	HIGH	21.56	27.31	5.75	13	0.81	20.37	33	Pass
Band2	10	1905	QPSK	50	LOW	20.59	27.14	6.55	13	0.81	19.4	33	Pass
Band2	10	1905	QPSK	25	LOW	20.67	27.93	7.26	13	0.81	19.48	33	Pass
Band2	10	1905	QPSK	25	MID	20.67	28.05	7.38	13	0.81	19.48	33	Pass
Band2	10	1905	QPSK	25	HIGH	20.67	27.95	7.28	13	0.81	19.48	33	Pass
Band2	10	1905	QPSK	1	LOW	21.73	27.44	5.71	13	0.81	20.54	33	Pass
Band2	10	1905	QPSK	1	MID	21.68	27.19	5.51	13	0.81	20.49	33	Pass
Band2	10	1905	QPSK	1	HIGH	21.67	27.27	5.6	13	0.81	20.48	33	Pass
Band2	10	1905	16QAM	50	LOW	19.95	27.58	7.63	13	0.81	18.76	33	Pass
Band2	10	1905	16QAM	25	LOW	19.95	27.58	7.63	13	0.81	18.76	33	Pass
Band2	10	1905	16QAM	25	MID	19.95	27.64	7.69	13	0.81	18.76	33	Pass
Band2	10	1905	16QAM	25	HIGH	20	27.65	7.65	13	0.81	18.81	33	Pass
Band2	10	1905	16QAM	1	LOW	20.75	26.36	5.61	13	0.81	19.56	33	Pass
Band2	10	1905	16QAM	1	MID	20.71	26.17	5.46	13	0.81	19.52	33	Pass
Band2	10	1905	16QAM	1	HIGH	20.74	26.3	5.56	13	0.81	19.55	33	Pass
Band2	15	1857.5	QPSK	75	LOW	20.74	28.15	7.41	13	0.81	19.55	33	Pass
Band2	15	1857.5	QPSK	38	LOW	20.8	28.23	7.43	13	0.81	19.61	33	Pass
Band2	15	1857.5	QPSK	38	MID	20.8	28.21	7.41	13	0.81	19.61	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	20.79	28.17	7.38	13	0.81	19.6	33	Pass
Band2	15	1857.5	QPSK	1	LOW	22	27.71	5.71	13	0.81	20.81	33	Pass
Band2	15	1857.5	QPSK	1	MID	21.91	27.8	5.89	13	0.81	20.72	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	21.96	27.75	5.79	13	0.81	20.77	33	Pass
Band2	15	1857.5	16QAM	75	LOW	20.09	27.88	7.79	13	0.81	18.9	33	Pass
Band2	15	1857.5	16QAM	38	LOW	19.99	27.97	7.98	13	0.81	18.8	33	Pass
Band2	15	1857.5	16QAM	38	MID	19.99	27.9	7.91	13	0.81	18.8	33	Pass

Band2	15	1857.5	16QAM	38	HIGH	19.99	27.96	7.97	13	0.81	18.8	33	Pass
Band2	15	1857.5	16QAM	1	LOW	21.28	27.77	6.49	13	0.81	20.09	33	Pass
Band2	15	1857.5	16QAM	1	MID	21.69	26.84	5.15	13	0.81	20.5	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	21.08	26.4	5.32	13	0.81	19.89	33	Pass
Band2	15	1880	QPSK	75	LOW	20.77	27.9	7.13	13	0.81	19.58	33	Pass
Band2	15	1880	QPSK	38	LOW	20.78	27.93	7.15	13	0.81	19.59	33	Pass
Band2	15	1880	QPSK	38	MID	20.78	27.89	7.11	13	0.81	19.59	33	Pass
Band2	15	1880	QPSK	38	HIGH	20.78	27.94	7.16	13	0.81	19.59	33	Pass
Band2	15	1880	QPSK	1	LOW	21.87	26.94	5.07	13	0.81	20.68	33	Pass
Band2	15	1880	QPSK	1	MID	21.69	26.8	5.11	13	0.81	20.5	33	Pass
Band2	15	1880	QPSK	1	HIGH	21.67	27.08	5.41	13	0.81	20.48	33	Pass
Band2	15	1880	16QAM	75	LOW	20.43	27.88	7.45	13	0.81	19.24	33	Pass
Band2	15	1880	16QAM	38	LOW	20.36	27.93	7.57	13	0.81	19.17	33	Pass
Band2	15	1880	16QAM	38	MID	20.48	28.03	7.55	13	0.81	19.29	33	Pass
Band2	15	1880	16QAM	38	HIGH	20.38	27.89	7.51	13	0.81	19.19	33	Pass
Band2	15	1880	16QAM	1	LOW	21.35	26.86	5.51	13	0.81	20.16	33	Pass
Band2	15	1880	16QAM	1	MID	21.41	26.51	5.1	13	0.81	20.22	33	Pass
Band2	15	1880	16QAM	1	HIGH	21.12	27.14	6.02	13	0.81	19.93	33	Pass
Band2	15	1902.5	QPSK	75	LOW	20.6	27.97	7.37	13	0.81	19.41	33	Pass
Band2	15	1902.5	QPSK	38	LOW	20.7	27.98	7.28	13	0.81	19.51	33	Pass
Band2	15	1902.5	QPSK	38	MID	20.71	28.03	7.32	13	0.81	19.52	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	20.71	28.05	7.34	13	0.81	19.52	33	Pass
Band2	15	1902.5	QPSK	1	LOW	21.72	27.27	5.55	13	0.81	20.53	33	Pass
Band2	15	1902.5	QPSK	1	MID	21.54	26.97	5.43	13	0.81	20.35	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	21.59	27.05	5.46	13	0.81	20.4	33	Pass
Band2	15	1902.5	16QAM	75	LOW	19.76	27.74	7.98	13	0.81	18.57	33	Pass
Band2	15	1902.5	16QAM	38	LOW	19.8	27.53	7.73	13	0.81	18.61	33	Pass
Band2	15	1902.5	16QAM	38	MID	19.81	27.52	7.71	13	0.81	18.62	33	Pass
Band2	15	1902.5	16QAM	38	HIGH	19.81	27.52	7.71	13	0.81	18.62	33	Pass
Band2	15	1902.5	16QAM	1	LOW	21.43	28.28	6.85	13	0.81	20.24	33	Pass
Band2	15	1902.5	16QAM	1	MID	21.47	27.98	6.51	13	0.81	20.28	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	21.17	27.75	6.58	13	0.81	19.98	33	Pass
Band2	20	1860	QPSK	100	LOW	20.77	27.85	7.08	13	0.81	19.58	33	Pass
Band2	20	1860	QPSK	50	LOW	20.87	27.85	6.98	13	0.81	19.68	33	Pass
Band2	20	1860	QPSK	50	MID	20.85	27.81	6.96	13	0.81	19.66	33	Pass
Band2	20	1860	QPSK	50	HIGH	20.83	27.65	6.82	13	0.81	19.64	33	Pass
Band2	20	1860	QPSK	1	LOW	22.33	28.73	6.4	13	0.81	21.14	33	Pass
Band2	20	1860	QPSK	1	MID	22.05	27.43	5.38	13	0.81	20.86	33	Pass
Band2	20	1860	QPSK	1	HIGH	21.94	27.82	5.88	13	0.81	20.75	33	Pass
Band2	20	1860	16QAM	100	LOW	20.02	28.47	8.45	13	0.81	18.83	33	Pass
Band2	20	1860	16QAM	50	LOW	20.07	27.96	7.89	13	0.81	18.88	33	Pass
Band2	20	1860	16QAM	50	MID	20.06	27.98	7.92	13	0.81	18.87	33	Pass
Band2	20	1860	16QAM	50	HIGH	20.19	27.86	7.67	13	0.81	19	33	Pass
Band2	20	1860	16QAM	1	LOW	21.27	27.96	6.69	13	0.81	20.08	33	Pass
Band2	20	1860	16QAM	1	MID	21.05	27.91	6.86	13	0.81	19.86	33	Pass
Band2	20	1860	16QAM	1	HIGH	21.14	27.64	6.5	13	0.81	19.95	33	Pass

Band2	20	1880	QPSK	100	LOW	20.73	27.83	7.1	13	0.81	19.54	33	Pass
Band2	20	1880	QPSK	50	LOW	20.94	27.48	6.54	13	0.81	19.75	33	Pass
Band2	20	1880	QPSK	50	MID	20.94	27.47	6.53	13	0.81	19.75	33	Pass
Band2	20	1880	QPSK	50	HIGH	20.85	27.57	6.72	13	0.81	19.66	33	Pass
Band2	20	1880	QPSK	1	LOW	22.06	27.7	5.64	13	0.81	20.87	33	Pass
Band2	20	1880	QPSK	1	MID	21.92	27.19	5.27	13	0.81	20.73	33	Pass
Band2	20	1880	QPSK	1	HIGH	21.8	27.71	5.91	13	0.81	20.61	33	Pass
Band2	20	1880	16QAM	100	LOW	20.63	27.37	6.74	13	0.81	19.44	33	Pass
Band2	20	1880	16QAM	50	LOW	20.54	27.84	7.3	13	0.81	19.35	33	Pass
Band2	20	1880	16QAM	50	MID	20.47	27.82	7.35	13	0.81	19.28	33	Pass
Band2	20	1880	16QAM	50	HIGH	19.87	27.71	7.84	13	0.81	18.68	33	Pass
Band2	20	1880	16QAM	1	LOW	22	27.48	5.48	13	0.81	20.81	33	Pass
Band2	20	1880	16QAM	1	MID	21.73	27.23	5.5	13	0.81	20.54	33	Pass
Band2	20	1880	16QAM	1	HIGH	21.65	27.94	6.29	13	0.81	20.46	33	Pass
Band2	20	1900	QPSK	100	LOW	20.63	27.37	6.74	13	0.81	19.44	33	Pass
Band2	20	1900	QPSK	50	LOW	20.68	27.67	6.99	13	0.81	19.49	33	Pass
Band2	20	1900	QPSK	50	MID	20.68	27.65	6.97	13	0.81	19.49	33	Pass
Band2	20	1900	QPSK	50	HIGH	20.6	27.32	6.72	13	0.81	19.41	33	Pass
Band2	20	1900	QPSK	1	LOW	21.89	27.67	5.78	13	0.81	20.7	33	Pass
Band2	20	1900	QPSK	1	MID	21.71	27.42	5.71	13	0.81	20.52	33	Pass
Band2	20	1900	QPSK	1	HIGH	21.64	27.29	5.65	13	0.81	20.45	33	Pass
Band2	20	1900	16QAM	100	LOW	19.79	27.94	8.15	13	0.81	18.6	33	Pass
Band2	20	1900	16QAM	50	LOW	19.88	28.33	8.45	13	0.81	18.69	33	Pass
Band2	20	1900	16QAM	50	MID	19.88	28.34	8.46	13	0.81	18.69	33	Pass
Band2	20	1900	16QAM	50	HIGH	19.7	28.01	8.31	13	0.81	18.51	33	Pass
Band2	20	1900	16QAM	1	LOW	20.89	27.64	6.75	13	0.81	19.7	33	Pass
Band2	20	1900	16QAM	1	MID	20.66	26.96	6.3	13	0.81	19.47	33	Pass
Band2	20	1900	16QAM	1	HIGH	20.7	27.84	7.14	13	0.81	19.51	33	Pass