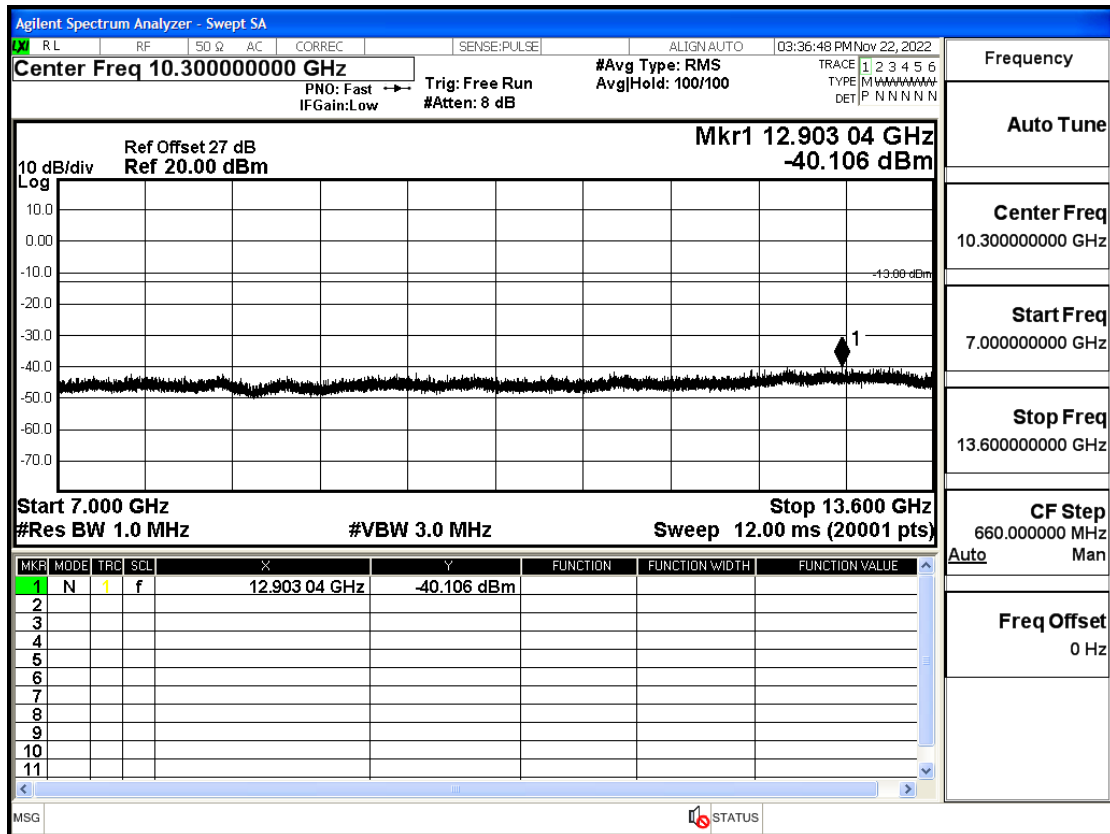
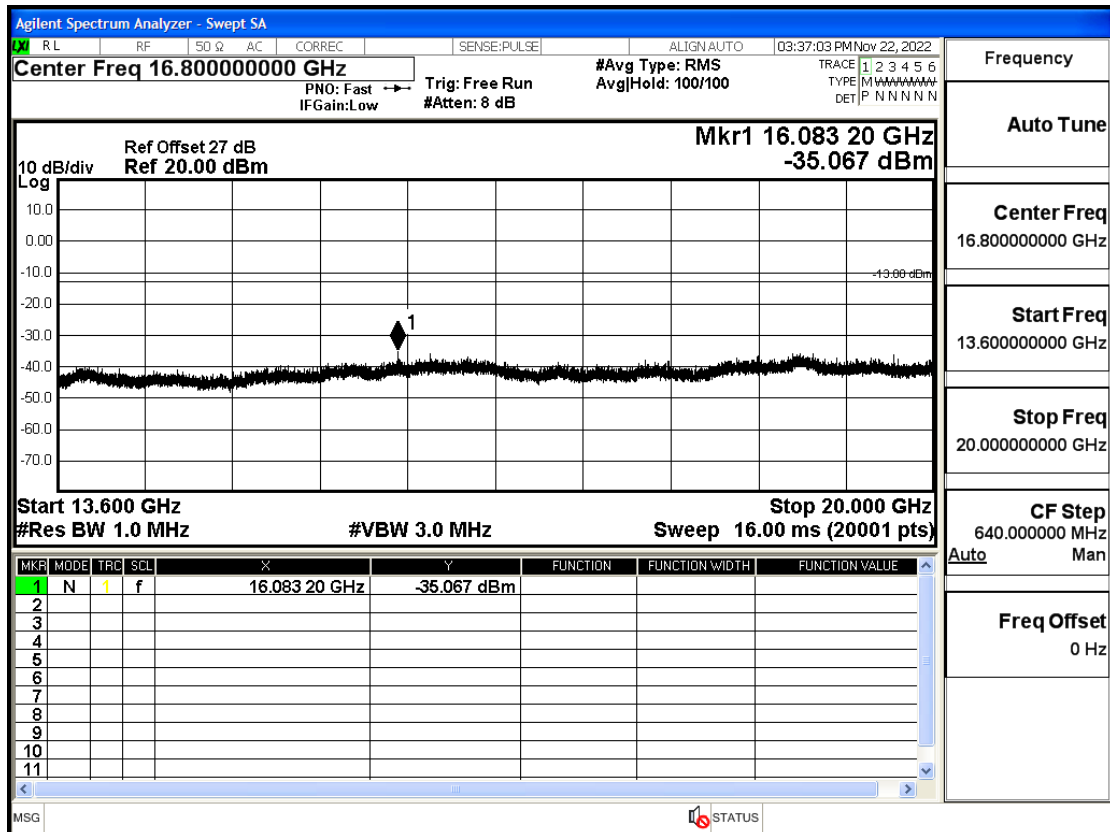


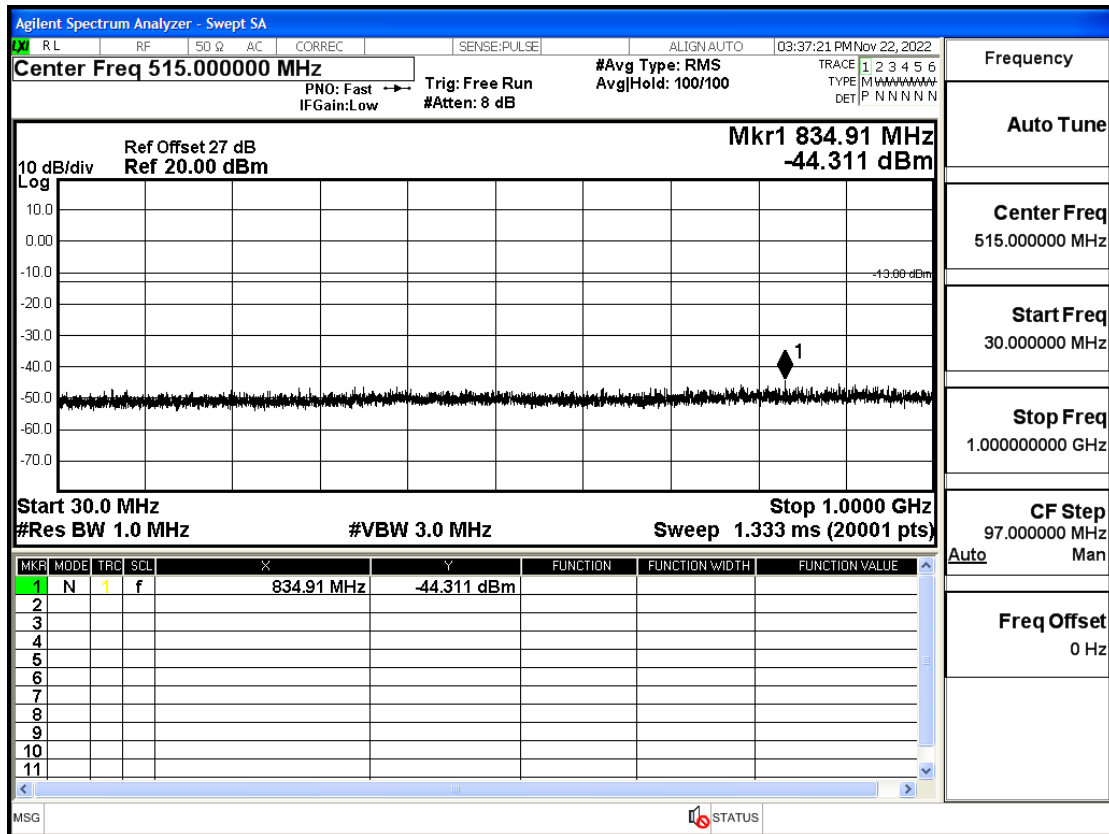
OB2-1.4-1880-Q16-6#LOW@7GHz-13.6GHz@Pass



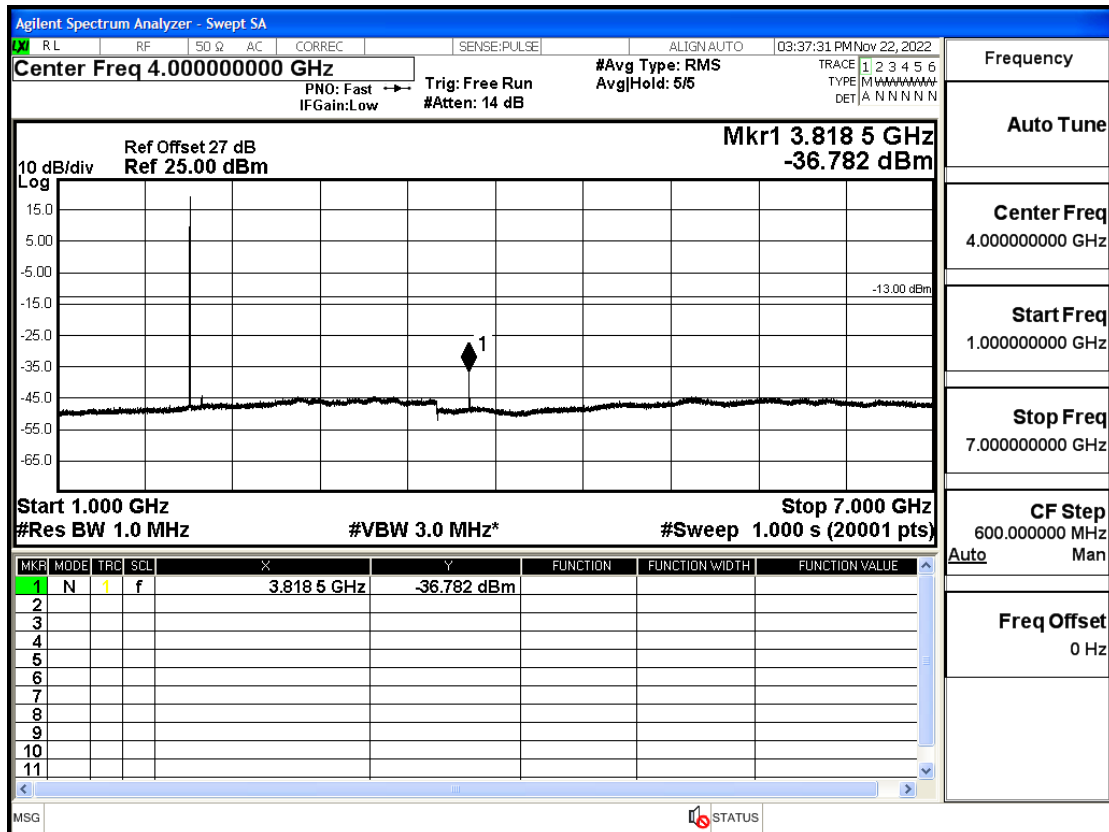
OB2-1.4-1880-Q16-6#LOW@13.6GHz-20GHz@Pass



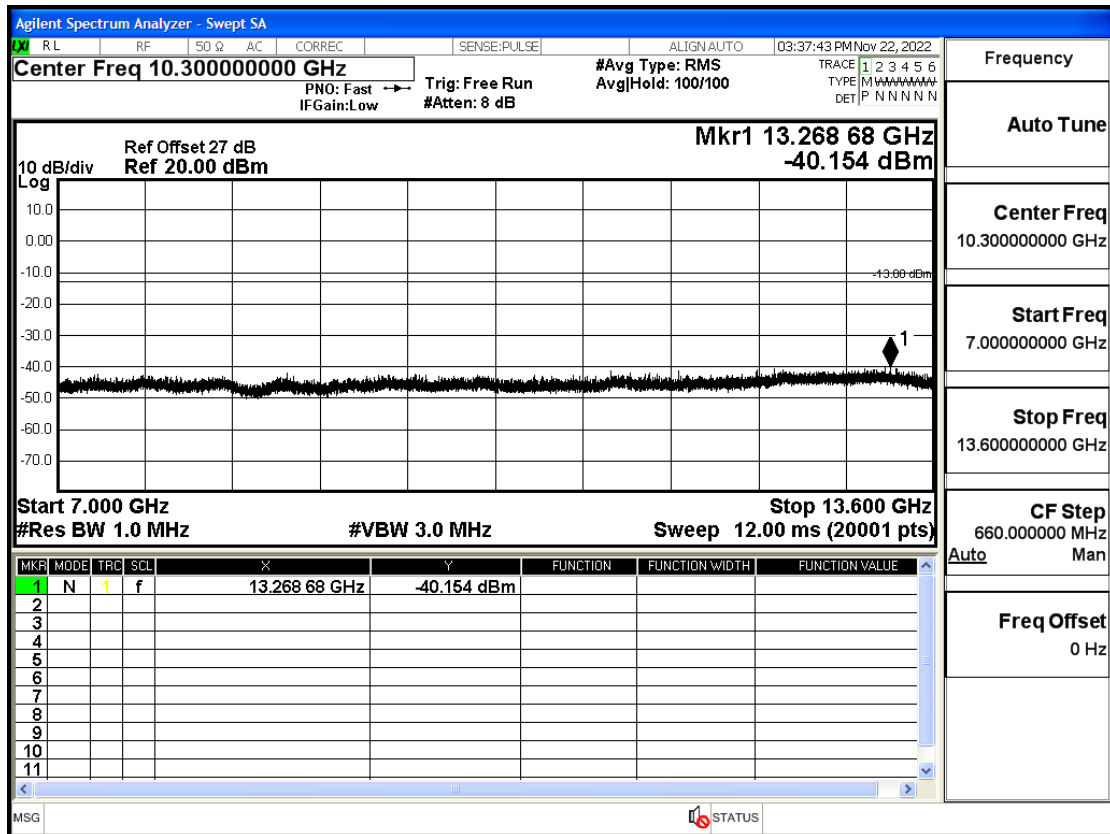
OB2-1.4-1909.3-Q16-6#LOW@30mHz-1GHz@Pass



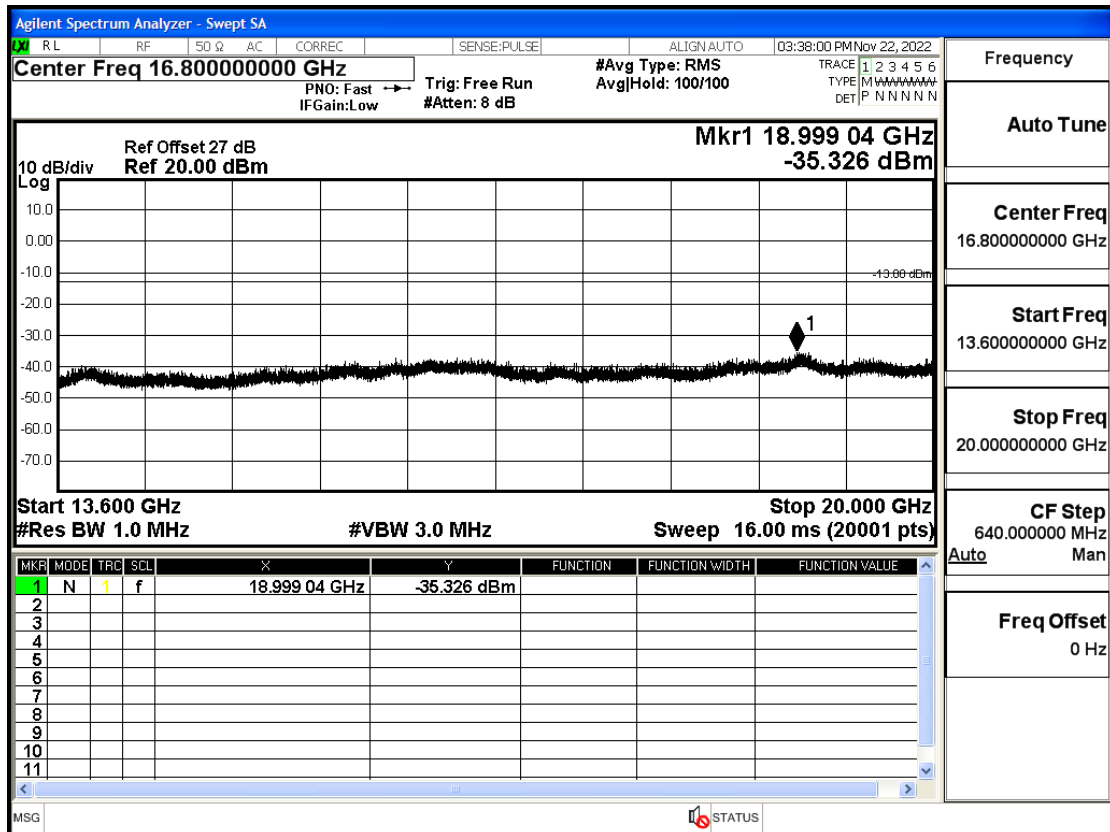
OB2-1.4-1909.3-Q16-6#LOW@1GHz-7GHz@Pass



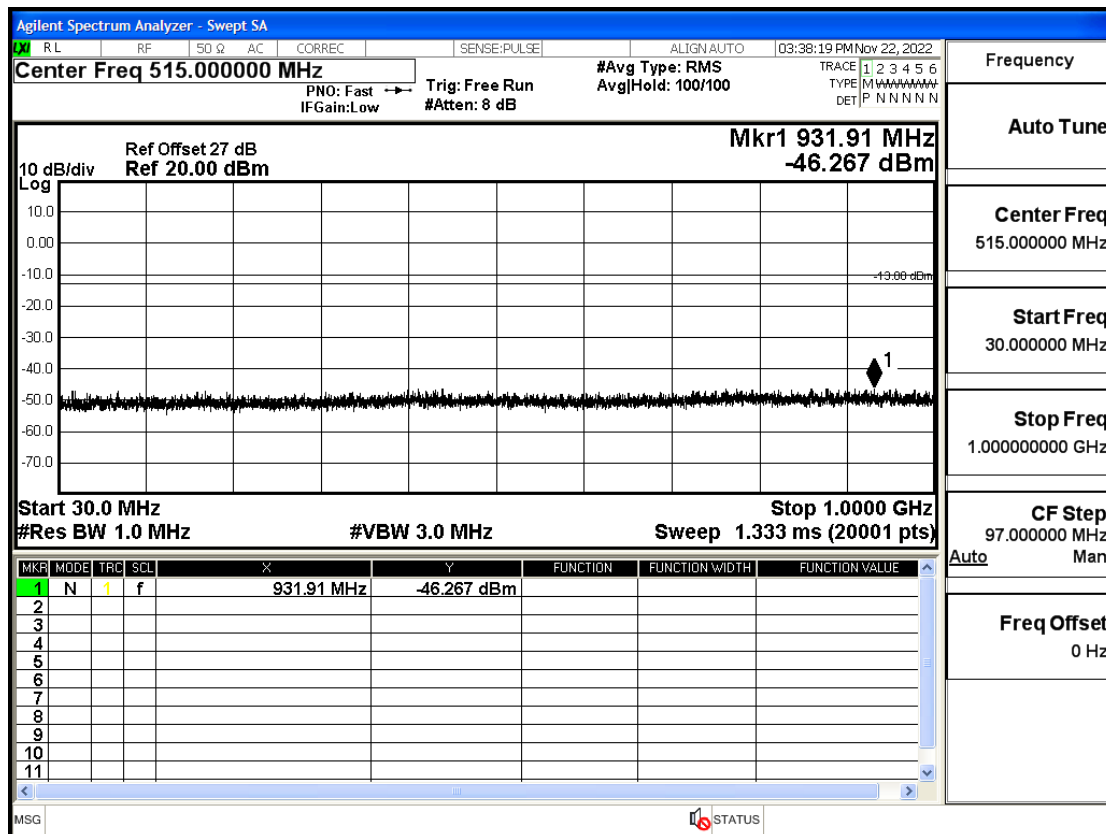
OB2-1.4-1909.3-Q16-6#LOW@7GHz-13.6GHz@Pass



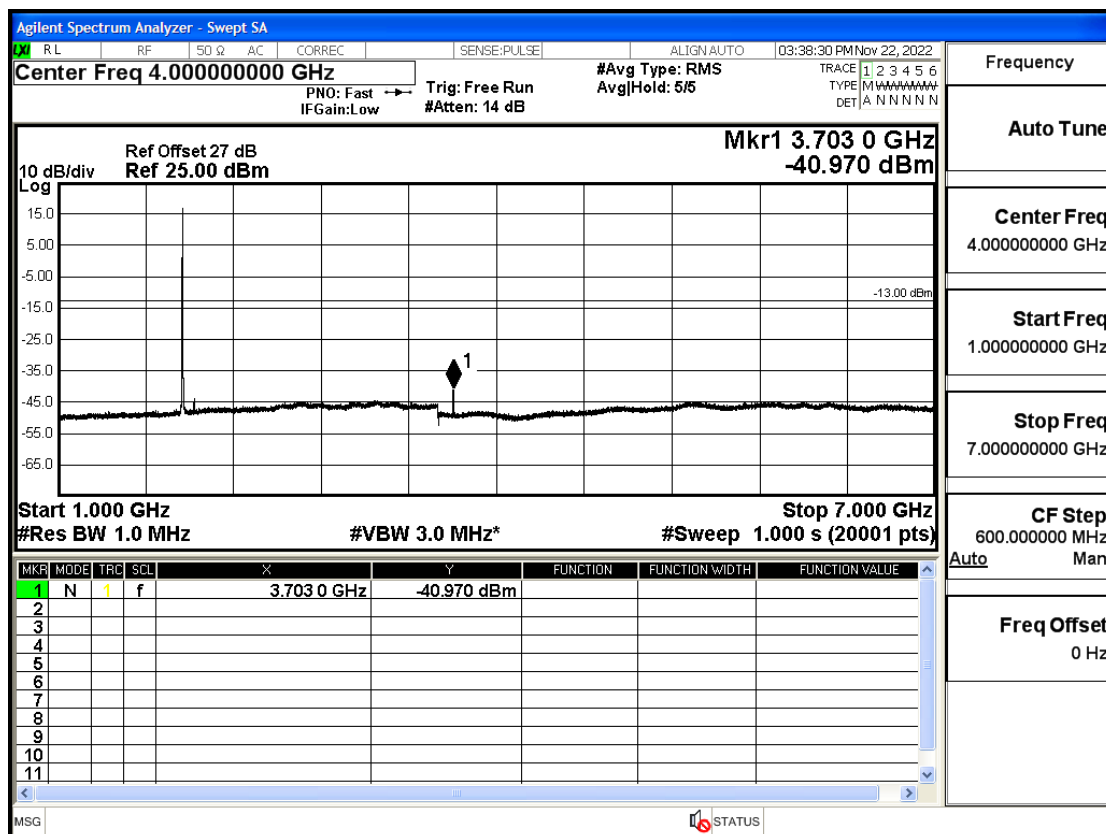
OB2-1.4-1909.3-Q16-6#LOW@13.6GHz-20GHz@Pass



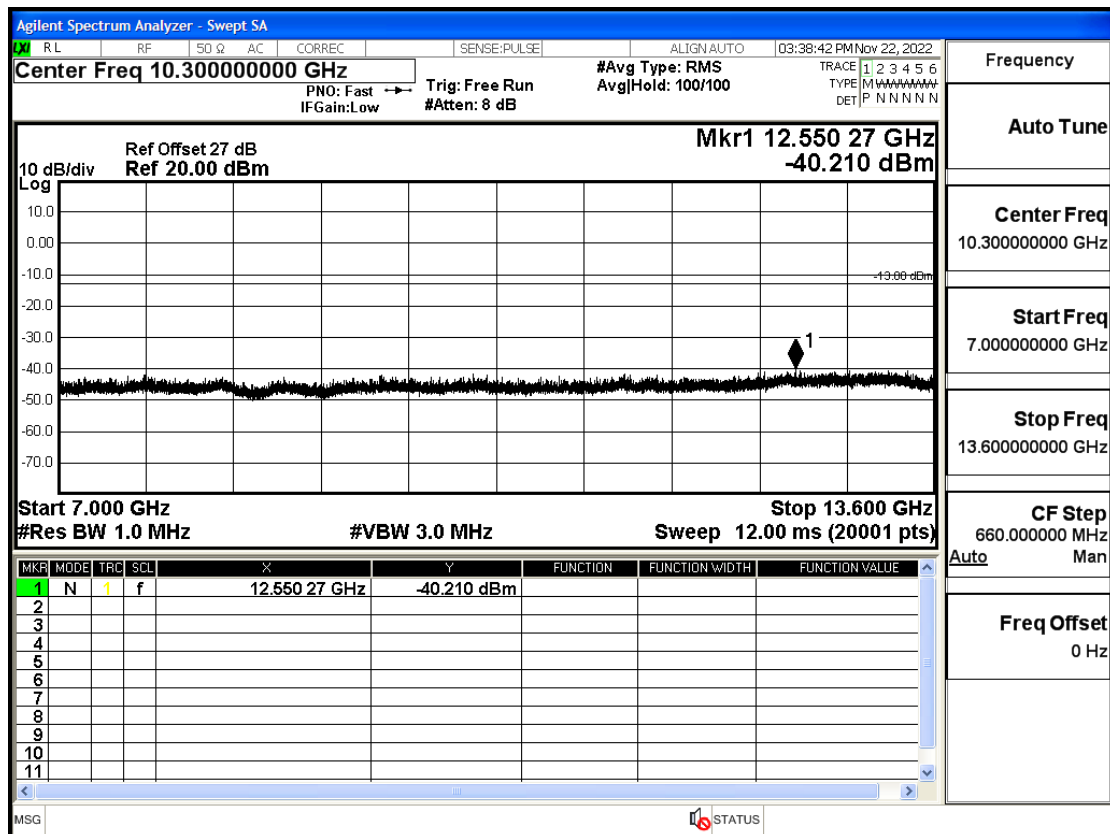
OB2-3-1851.5-Q16-15#LOW@30mHz-1GHz@Pass



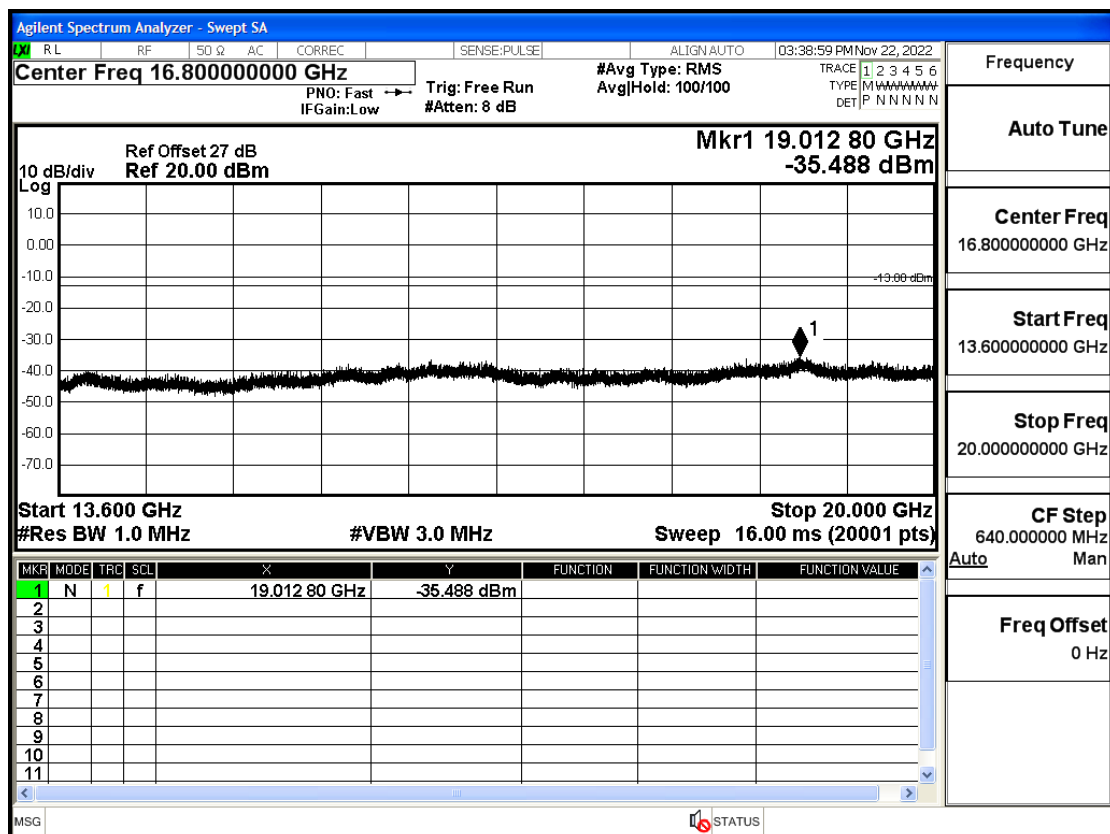
OB2-3-1851.5-Q16-15#LOW@1GHz-7GHz@Pass



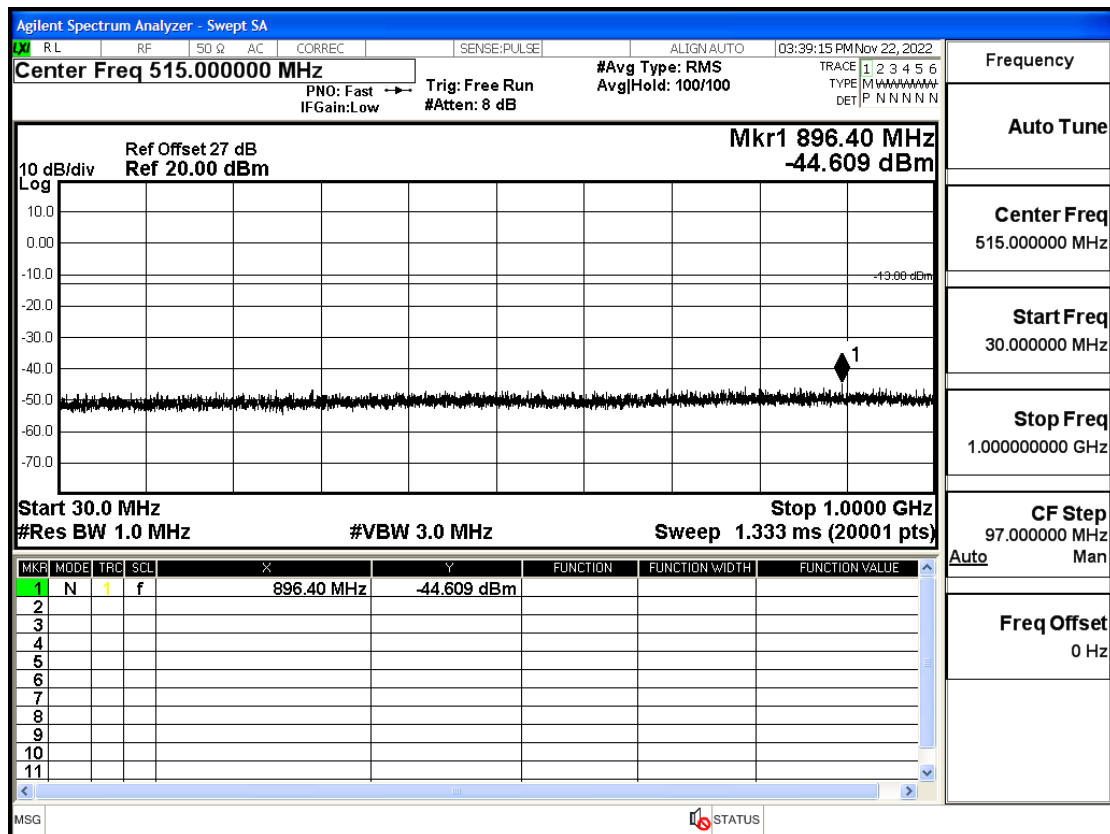
OB2-3-1851.5-Q16-15#LOW@7GHz-13.6GHz@Pass



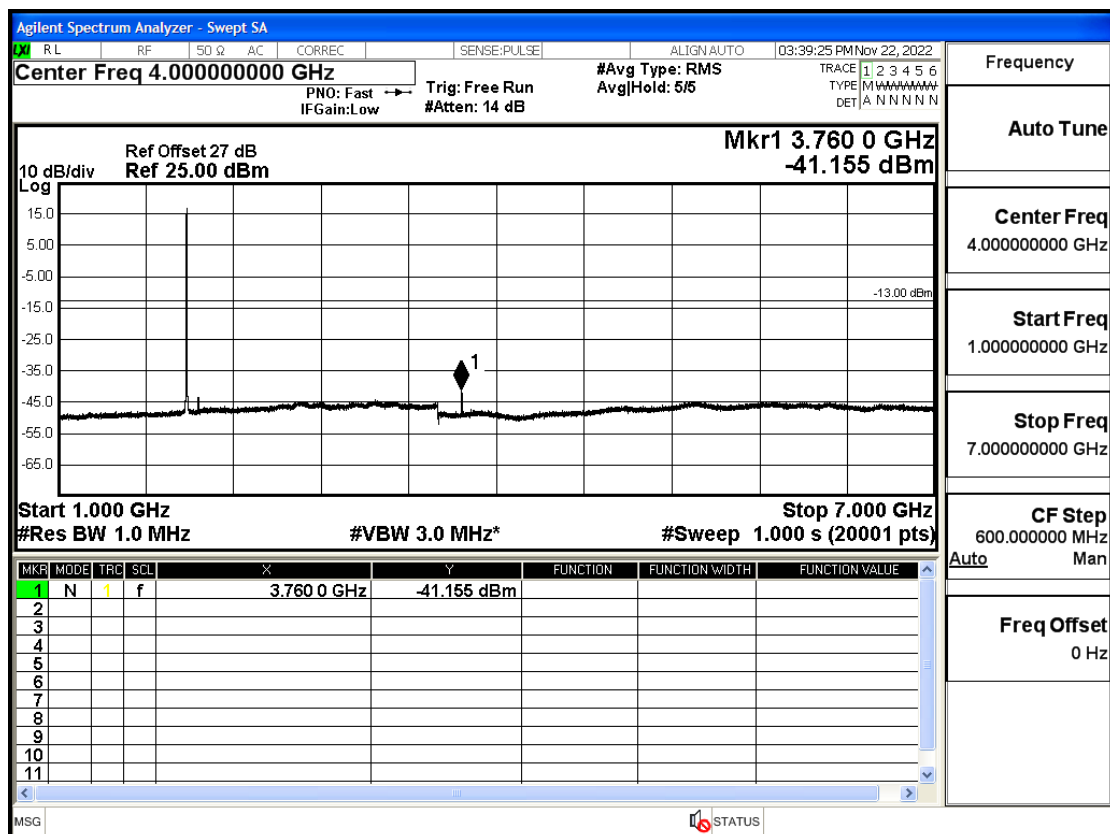
OB2-3-1851.5-Q16-15#LOW@13.6GHz-20GHz@Pass



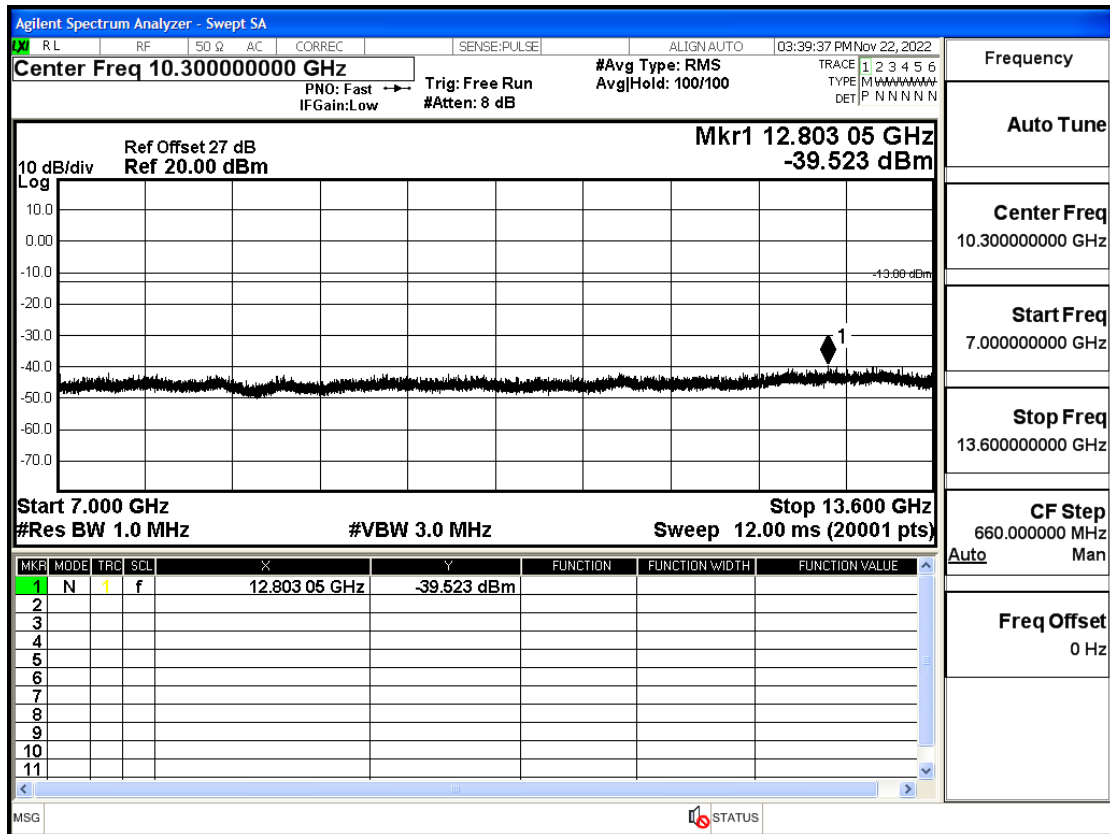
OB2-3-1880-Q16-15#LOW@30mHz-1GHz@Pass



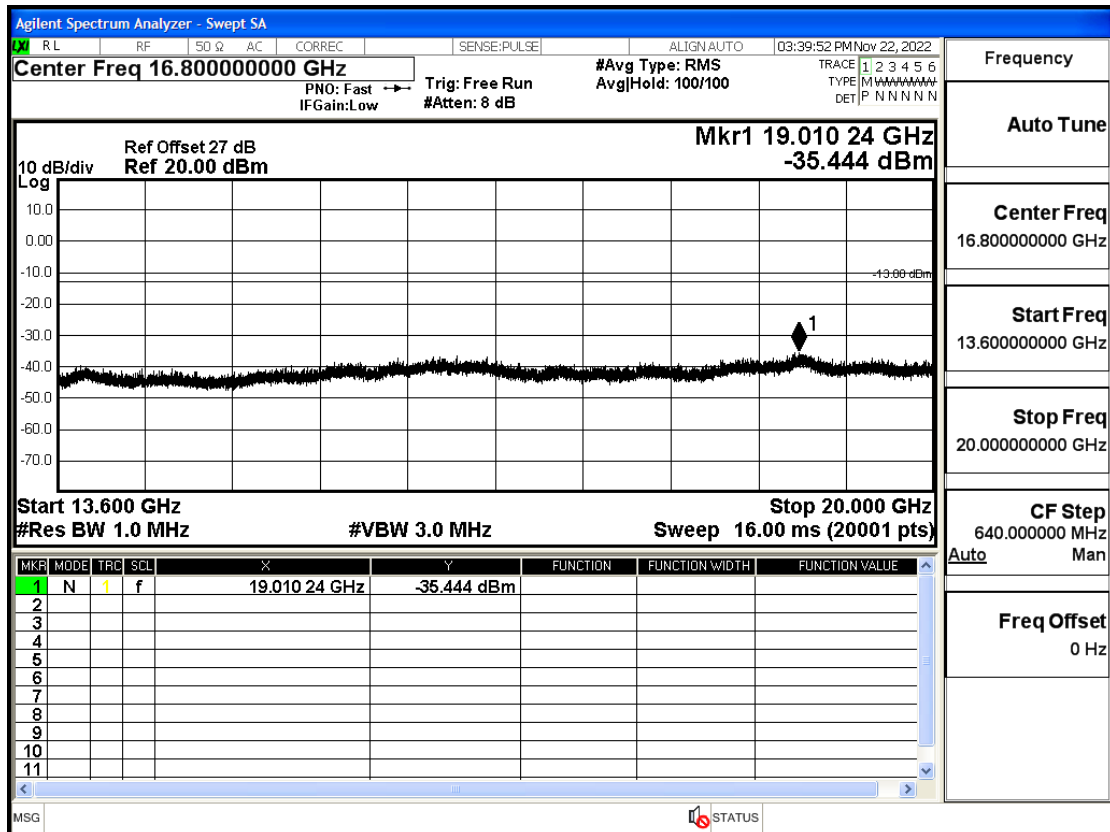
OB2-3-1880-Q16-15#LOW@1GHz-7GHz@Pass



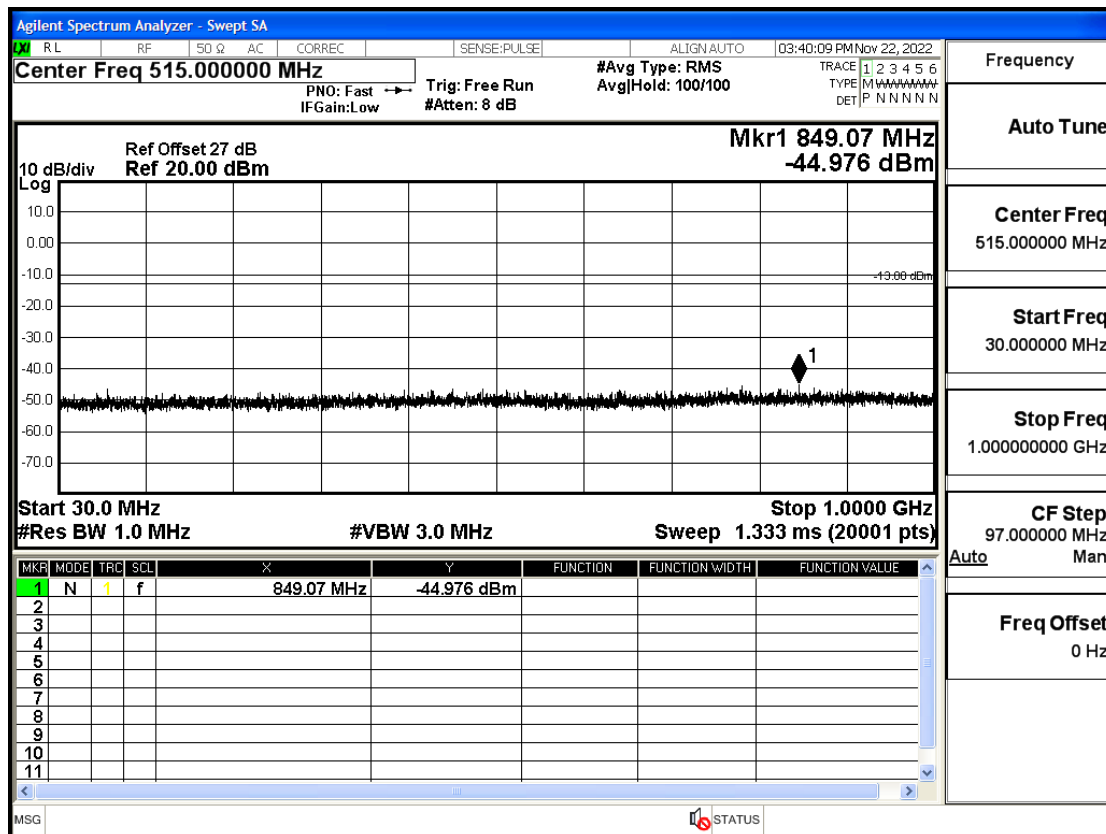
OB2-3-1880-Q16-15#LOW@7GHz-13.6GHz@Pass



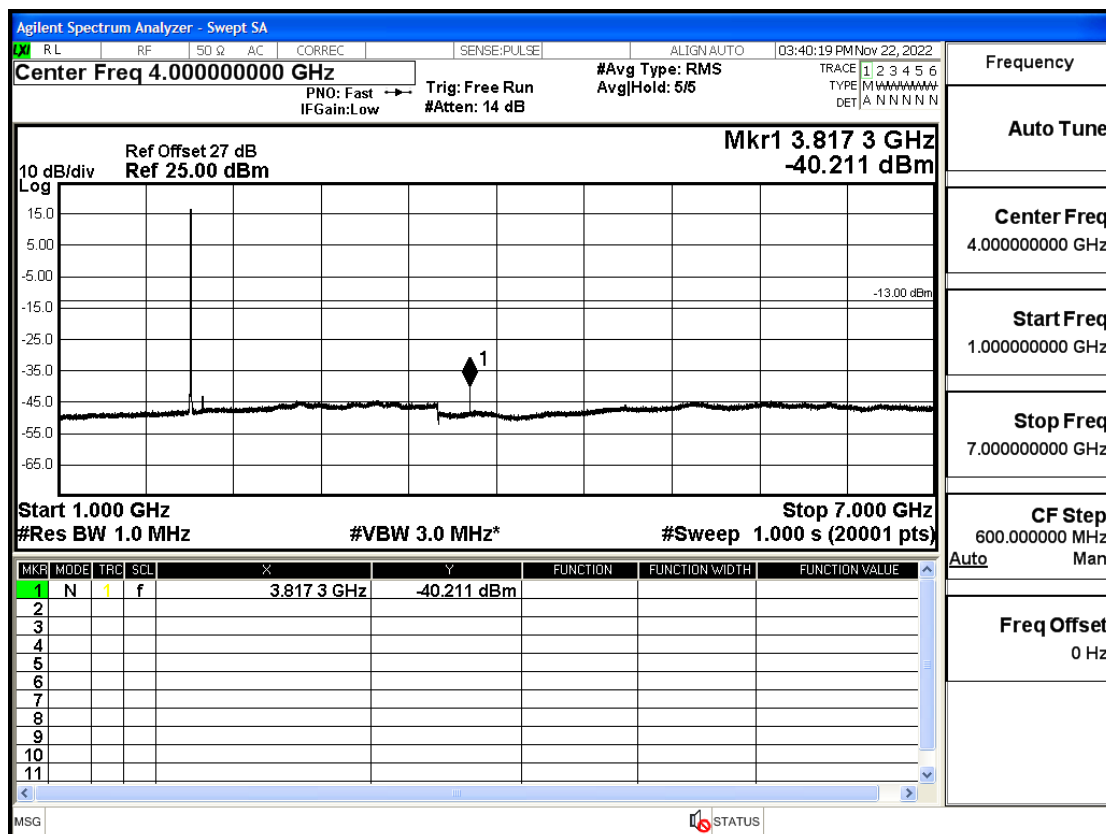
OB2-3-1880-Q16-15#LOW@13.6GHz-20GHz@Pass



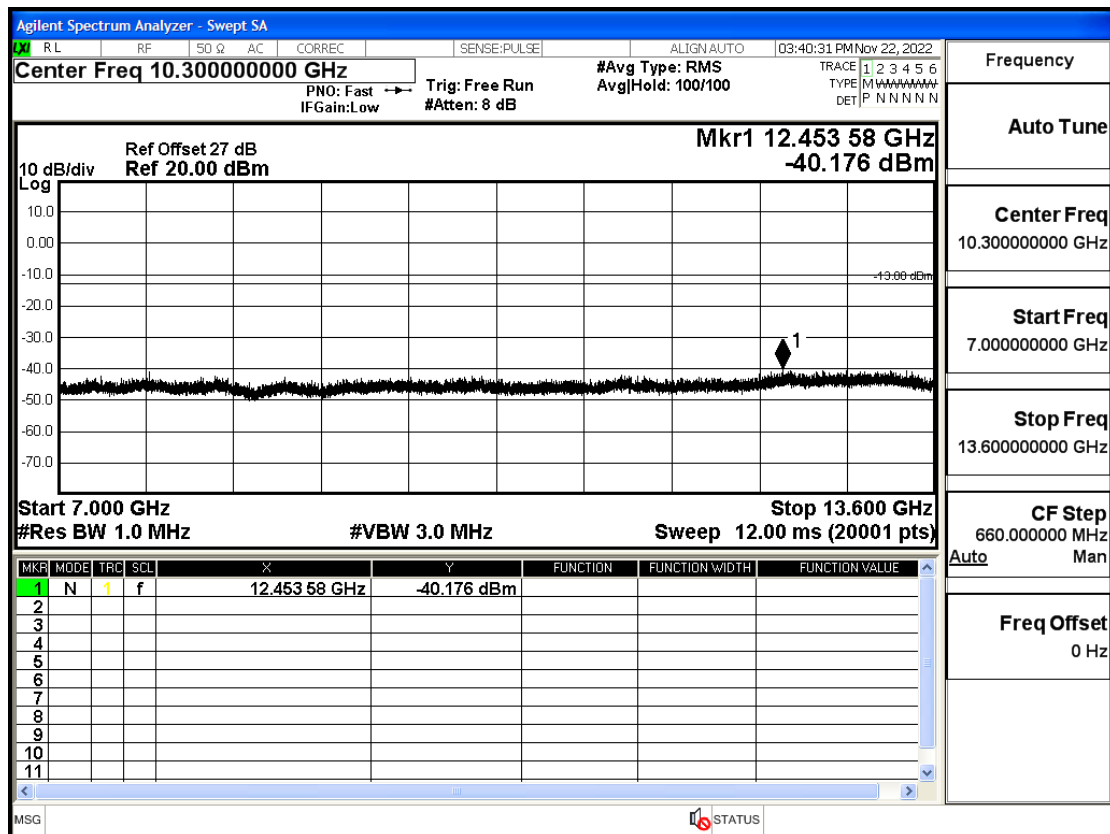
OB2-3-1908.5-Q16-15#LOW@30mHz-1GHz@Pass



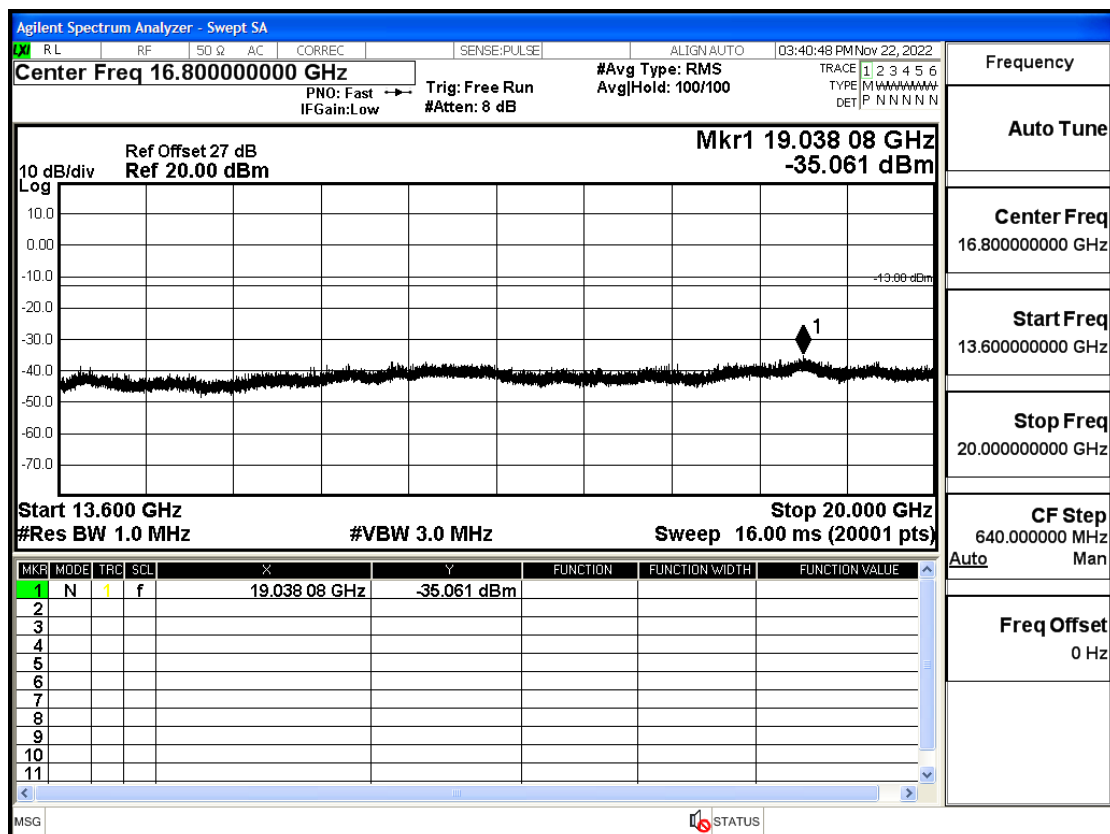
OB2-3-1908.5-Q16-15#LOW@1GHz-7GHz@Pass



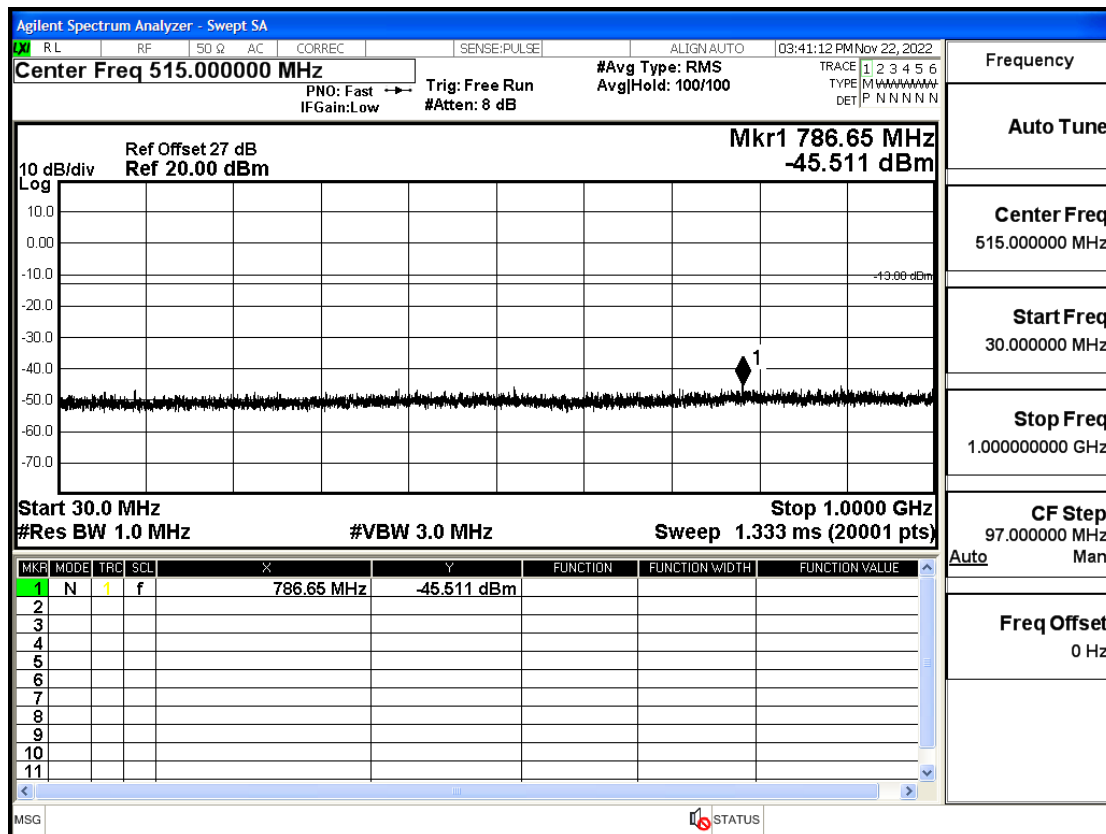
OB2-3-1908.5-Q16-15#LOW@7GHz-13.6GHz@Pass



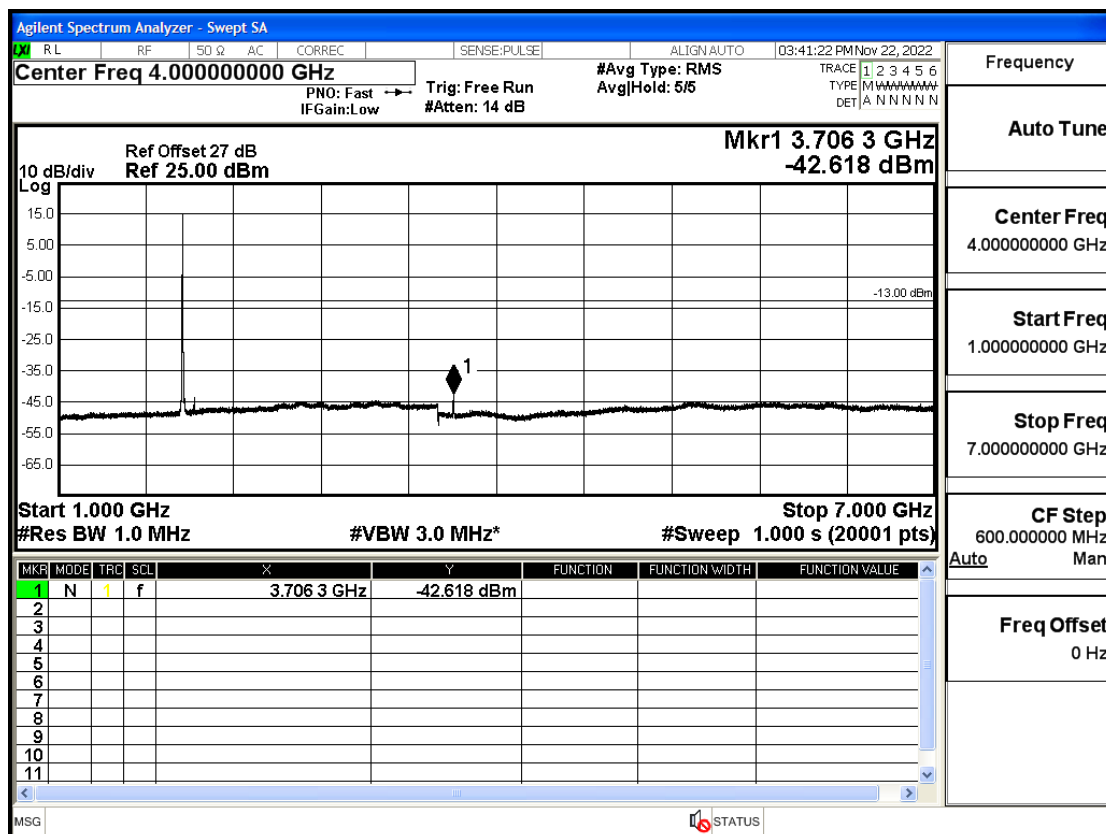
OB2-3-1908.5-Q16-15#LOW@13.6GHz-20GHz@Pass



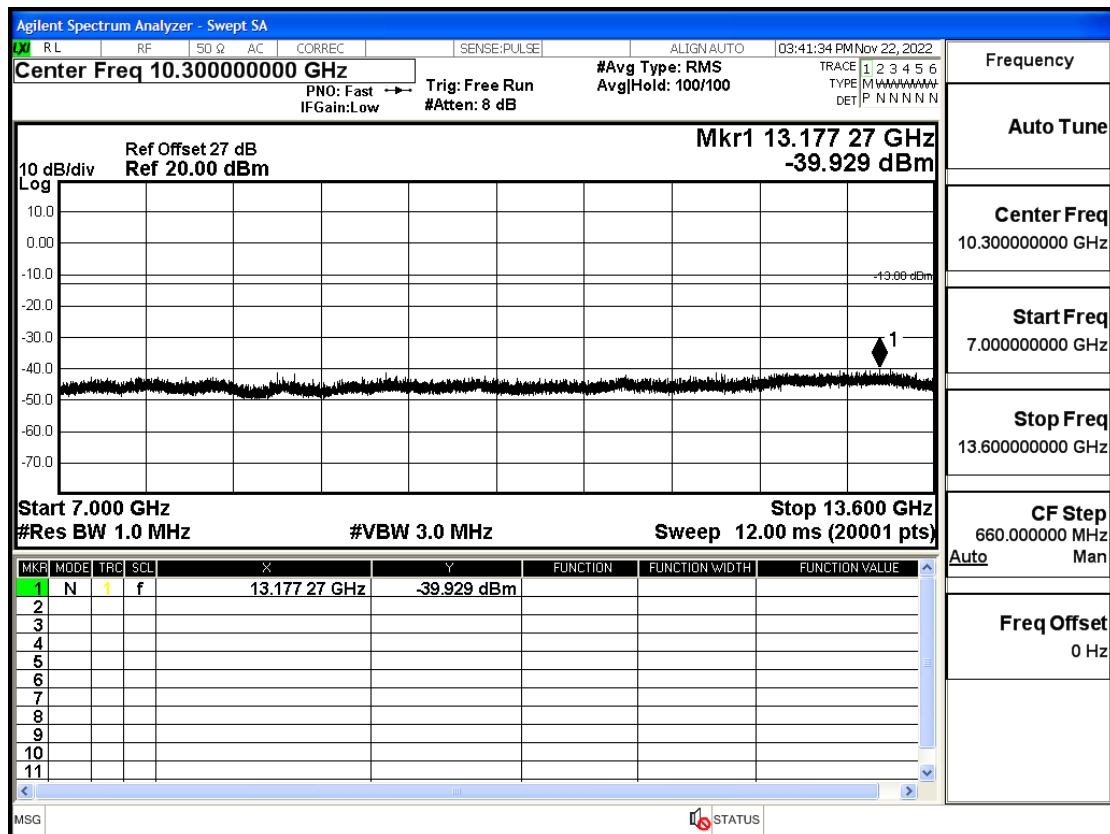
OB2-5-1852.5-Q16-25#LOW@30mHz-1GHz@Pass



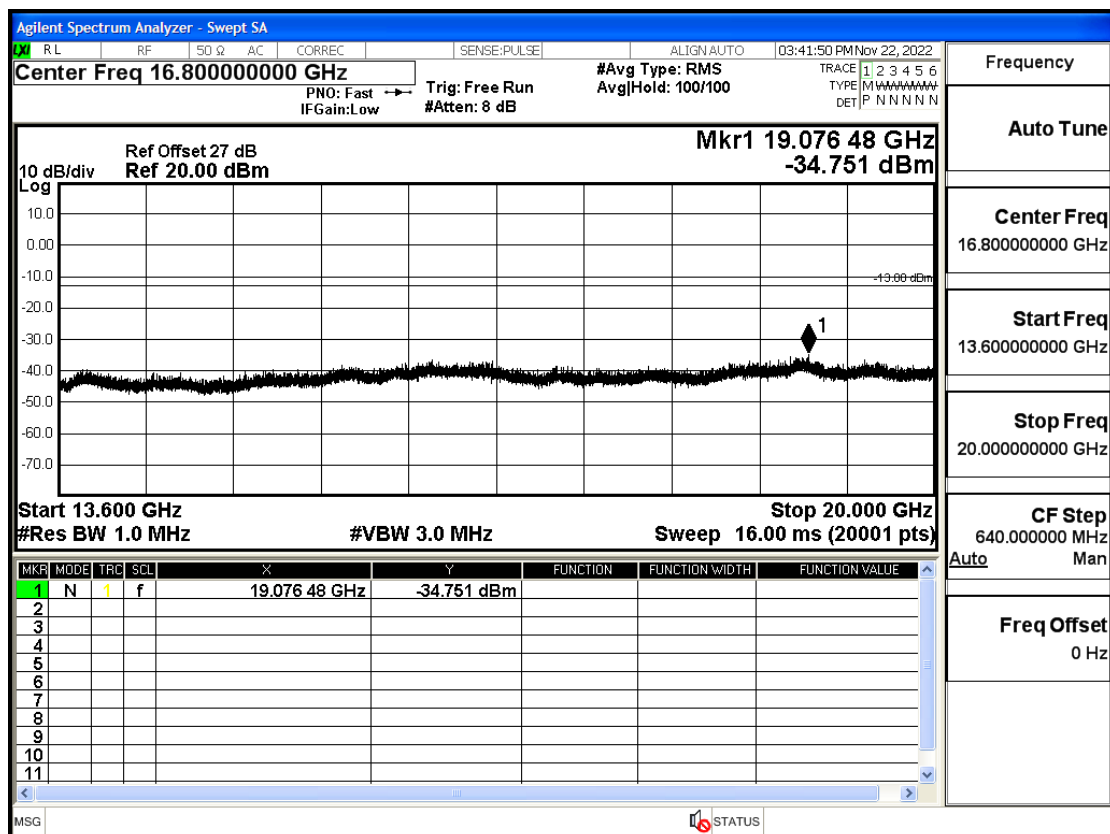
OB2-5-1852.5-Q16-25#LOW@1GHz-7GHz@Pass



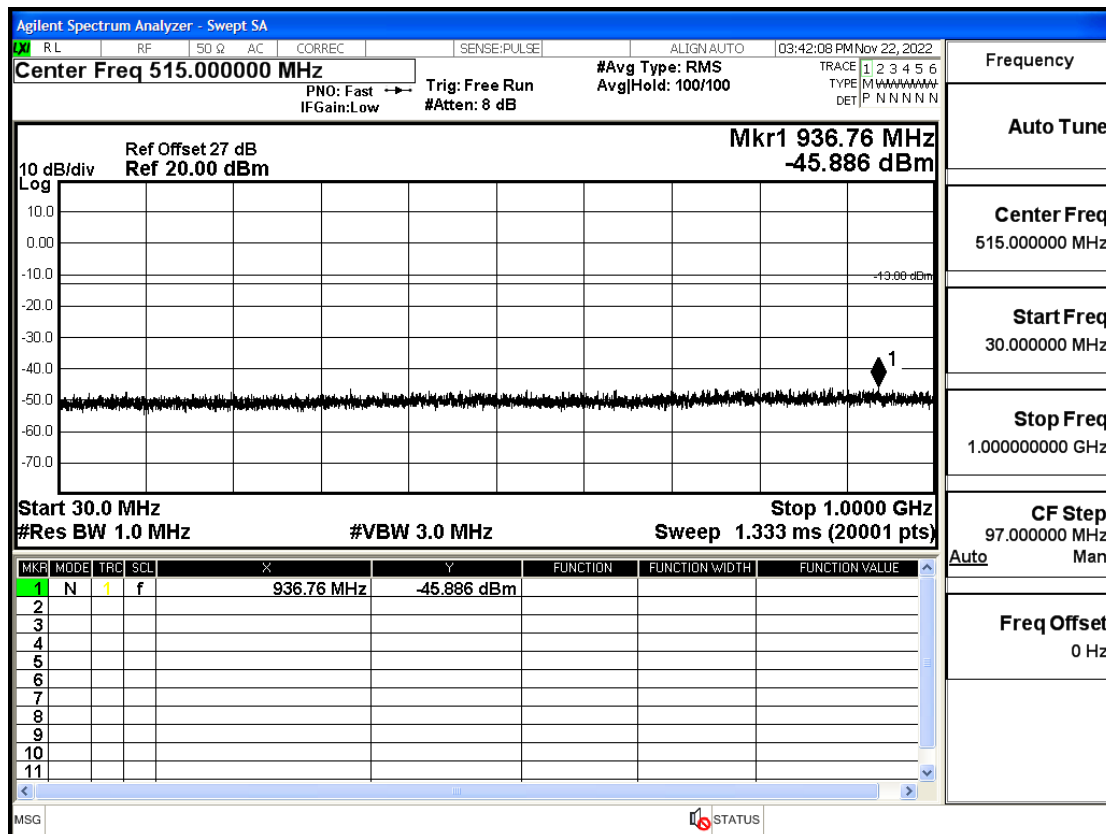
OB2-5-1852.5-Q16-25#LOW@7GHz-13.6GHz@Pass



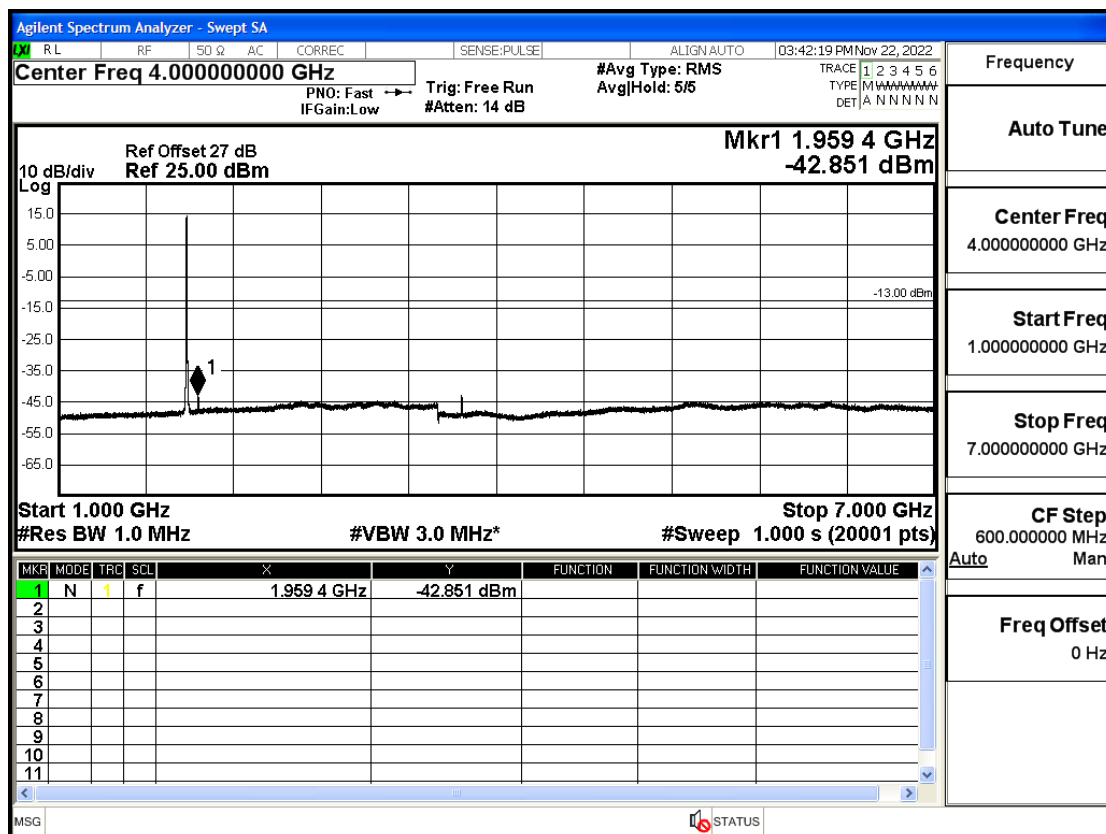
OB2-5-1852.5-Q16-25#LOW@13.6GHz-20GHz@Pass



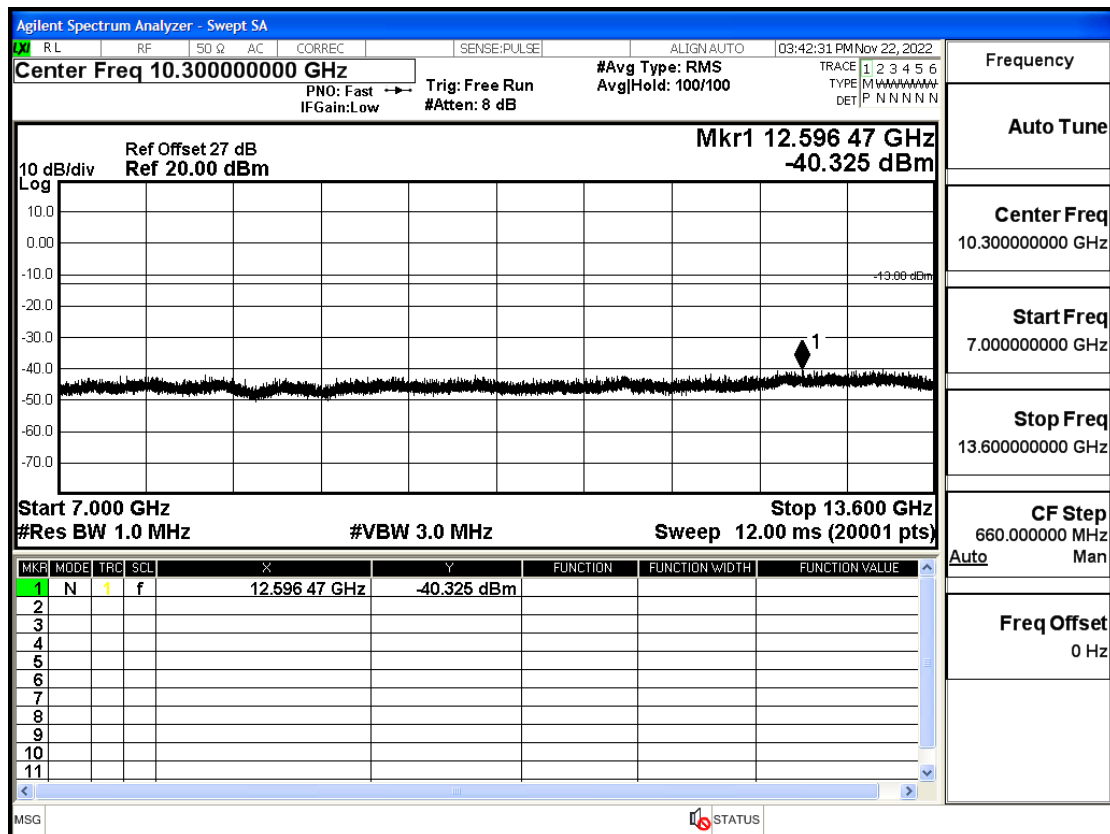
OB2-5-1880-Q16-25#LOW@30mHz-1GHz@Pass



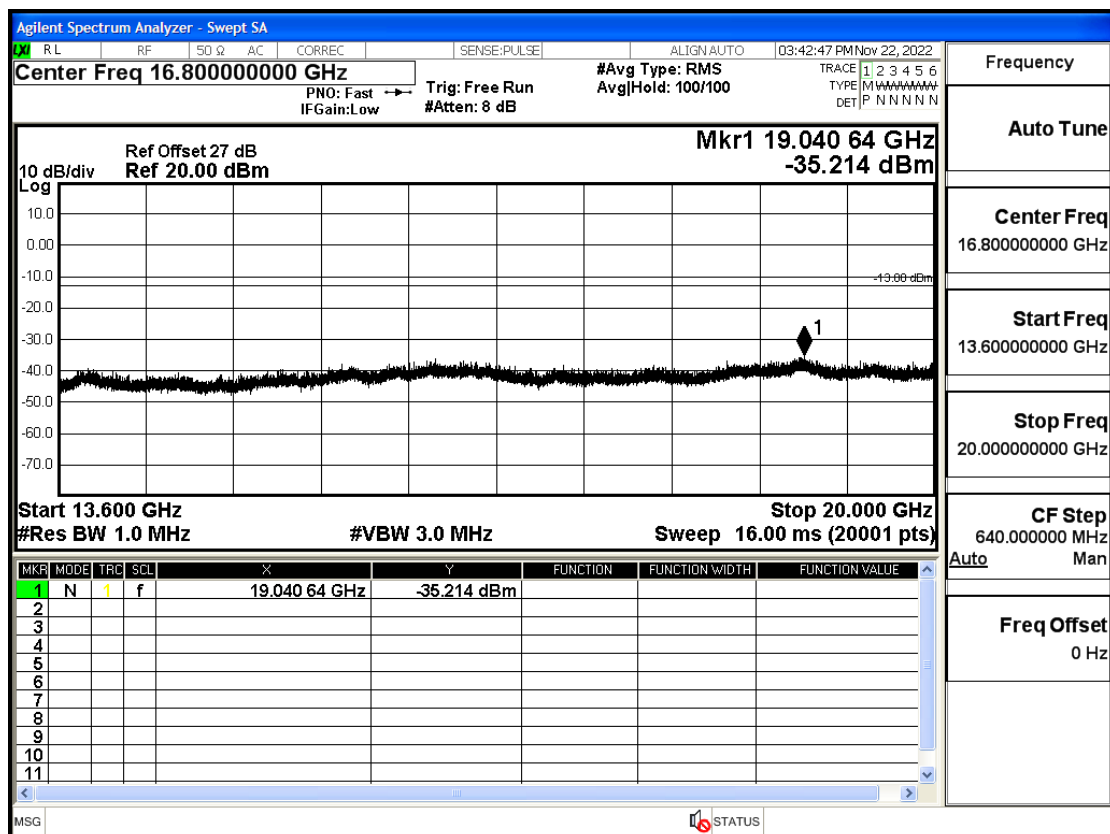
OB2-5-1880-Q16-25#LOW@1GHz-7GHz@Pass



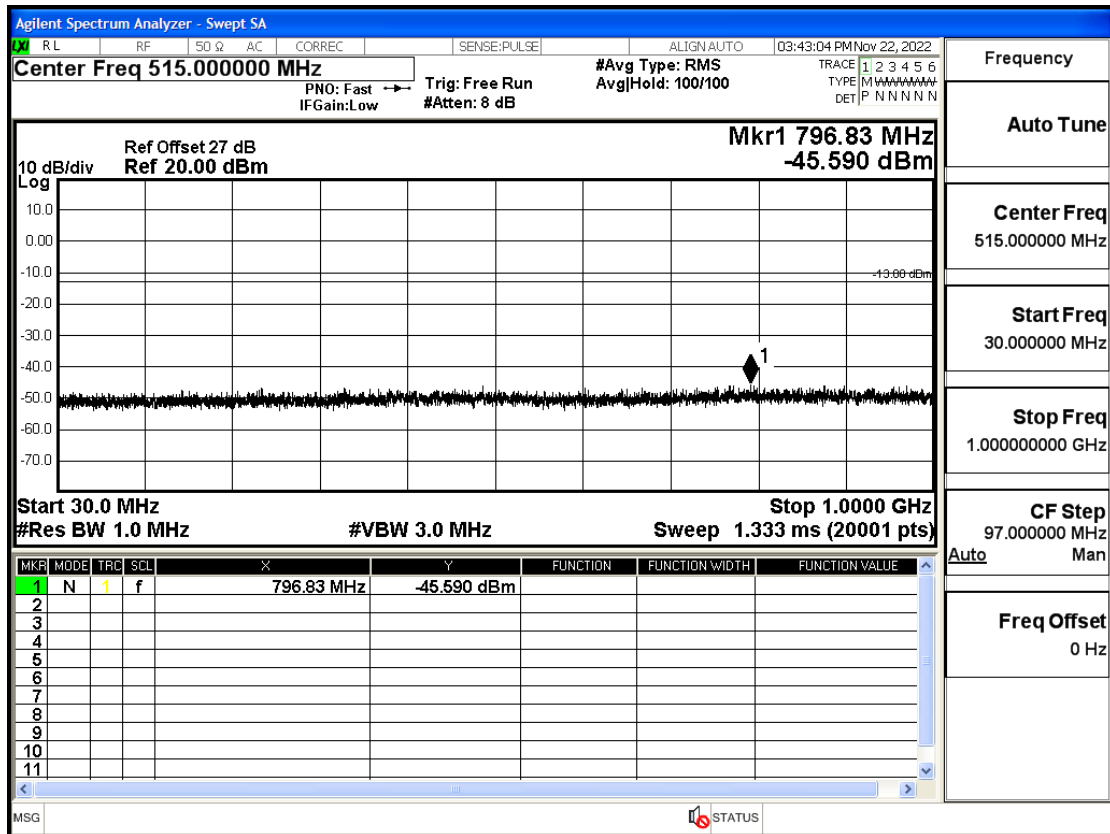
OB2-5-1880-Q16-25#LOW@7GHz-13.6GHz@Pass



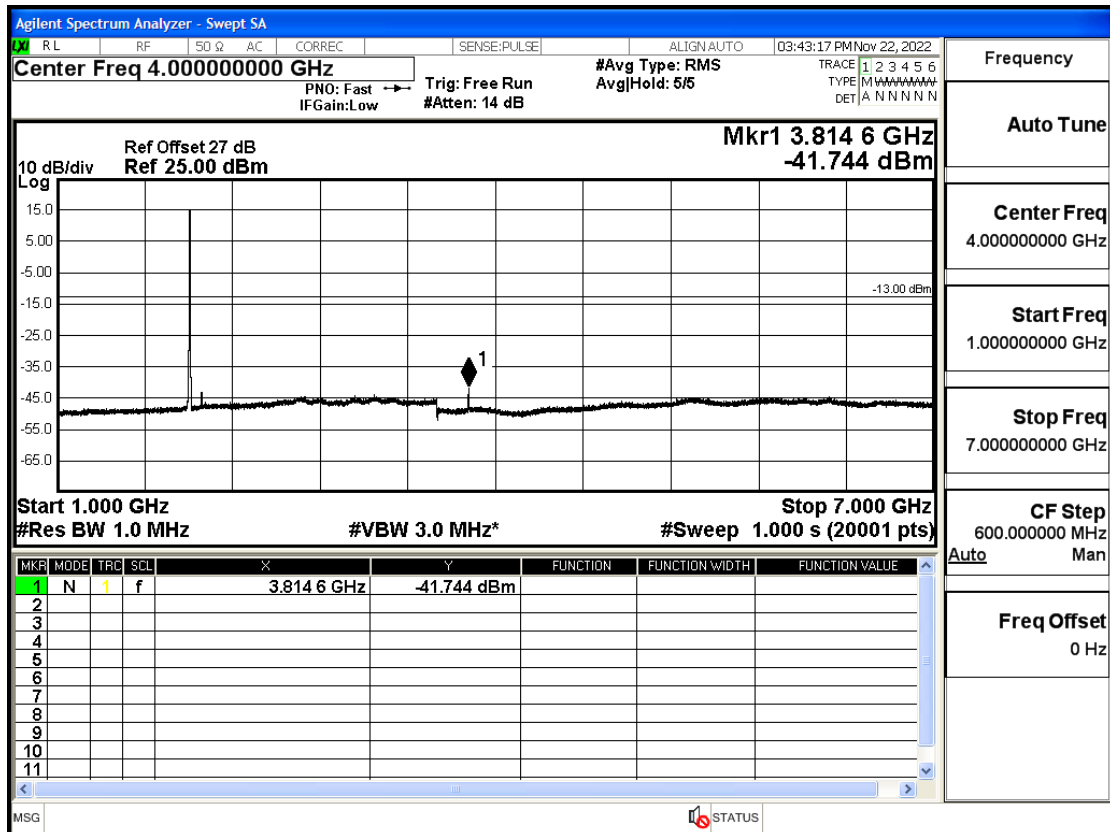
OB2-5-1880-Q16-25#LOW@13.6GHz-20GHz@Pass



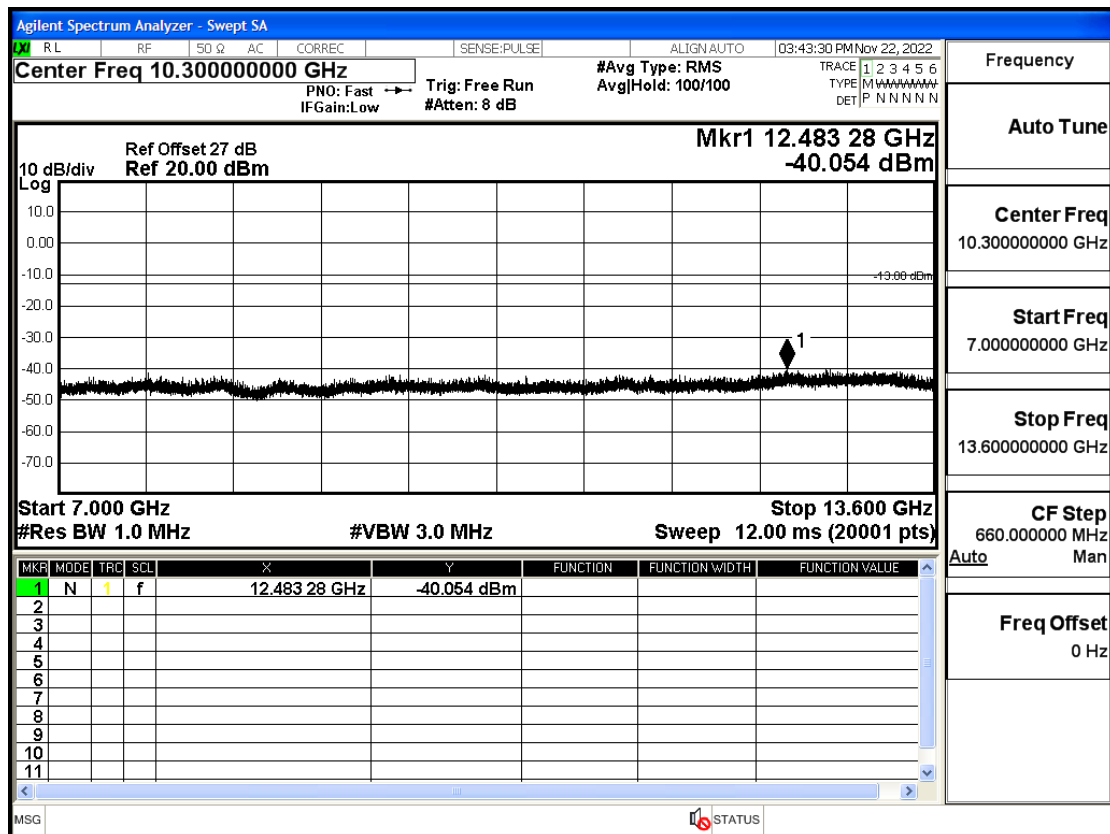
OB2-5-1907.5-Q16-25#LOW@30mHz-1GHz@Pass



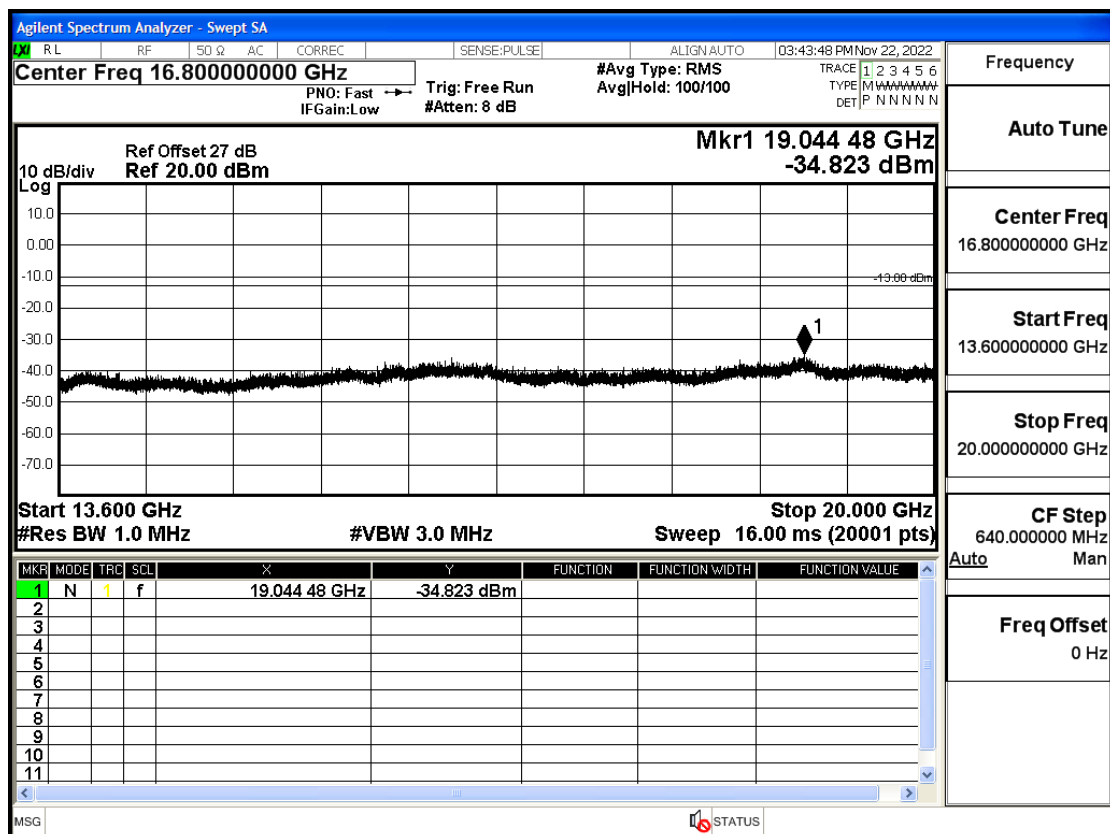
OB2-5-1907.5-Q16-25#LOW@1GHz-7GHz@Pass



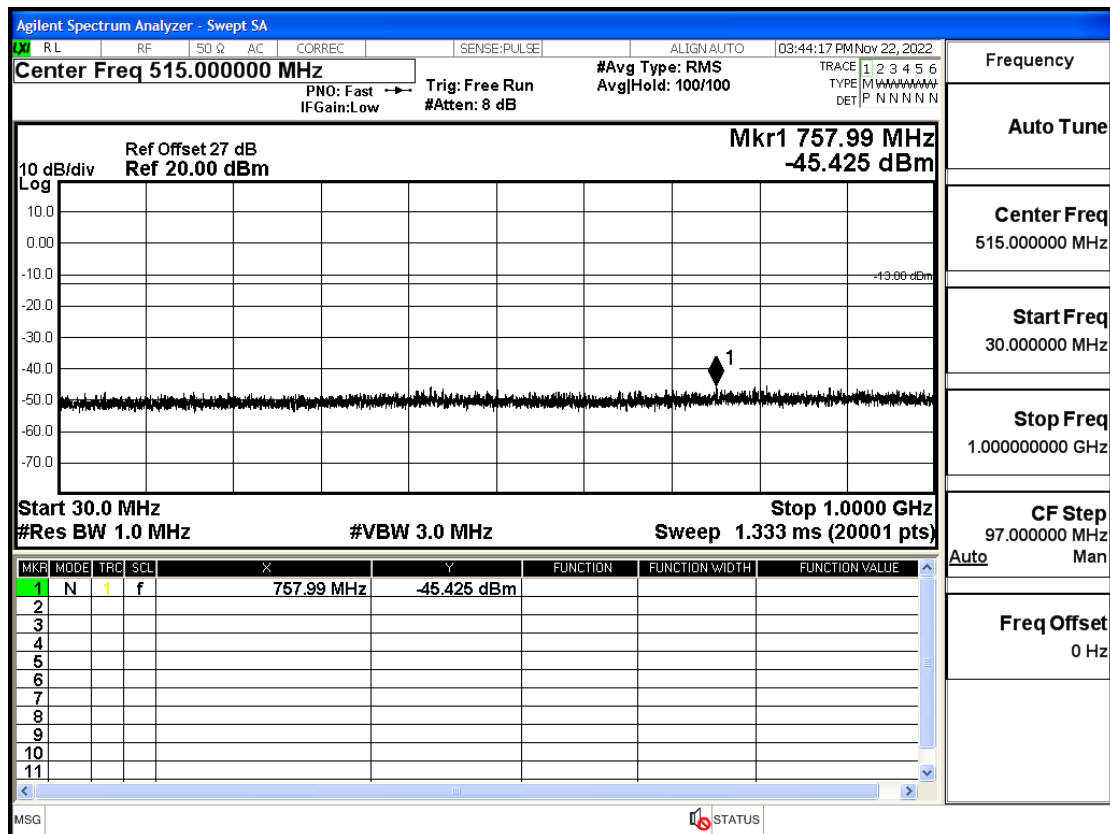
OB2-5-1907.5-Q16-25#LOW@7GHz-13.6GHz@Pass



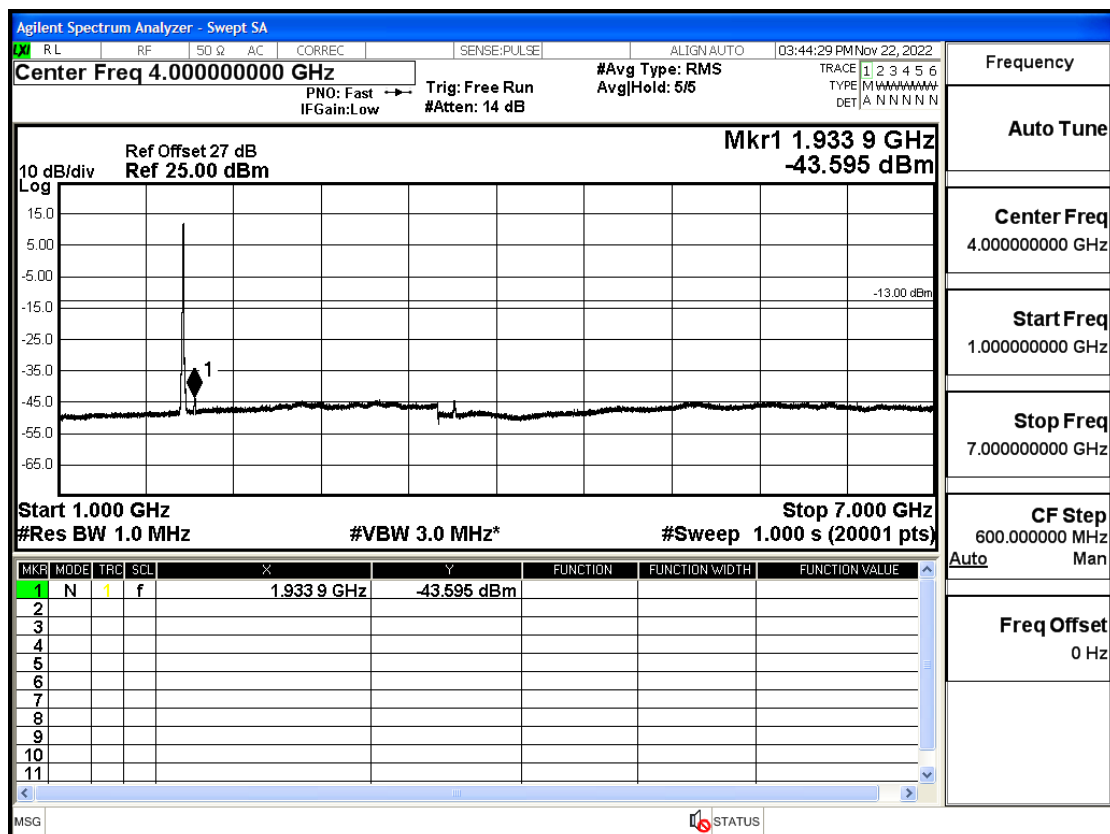
OB2-5-1907.5-Q16-25#LOW@13.6GHz-20GHz@Pass



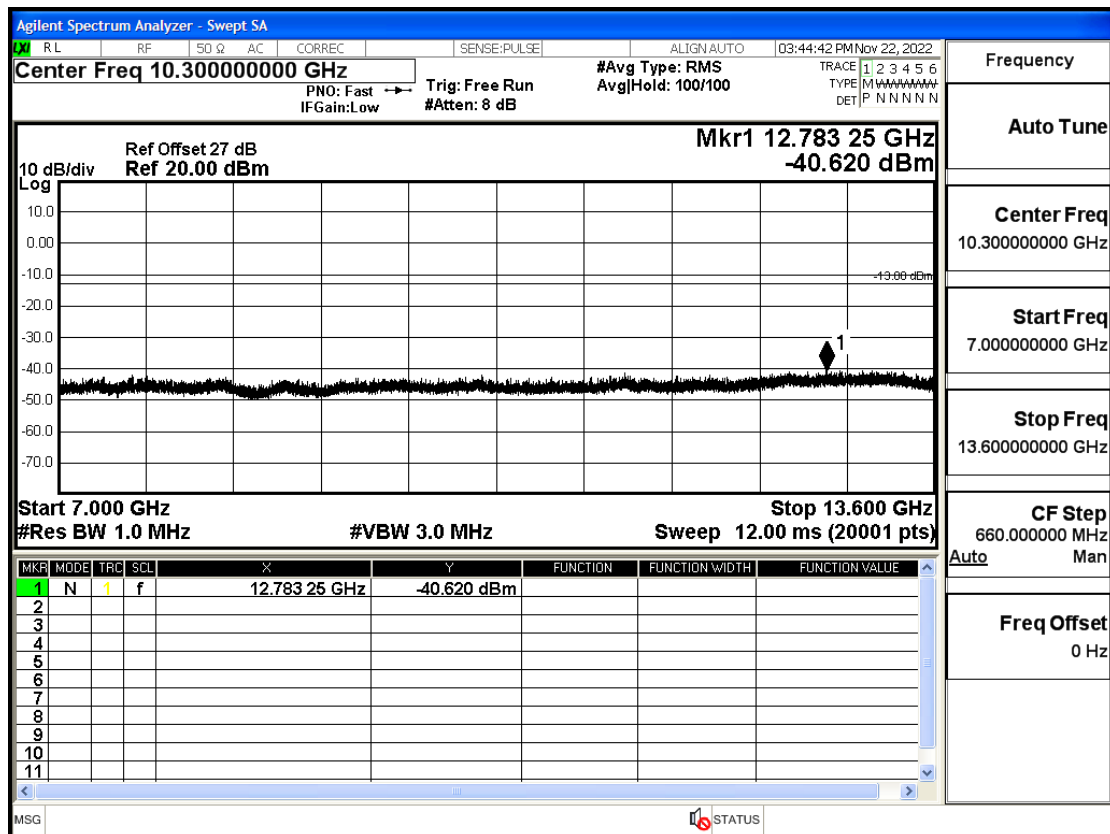
OB2-10-1855-Q16-50#LOW@30mHz-1GHz@Pass



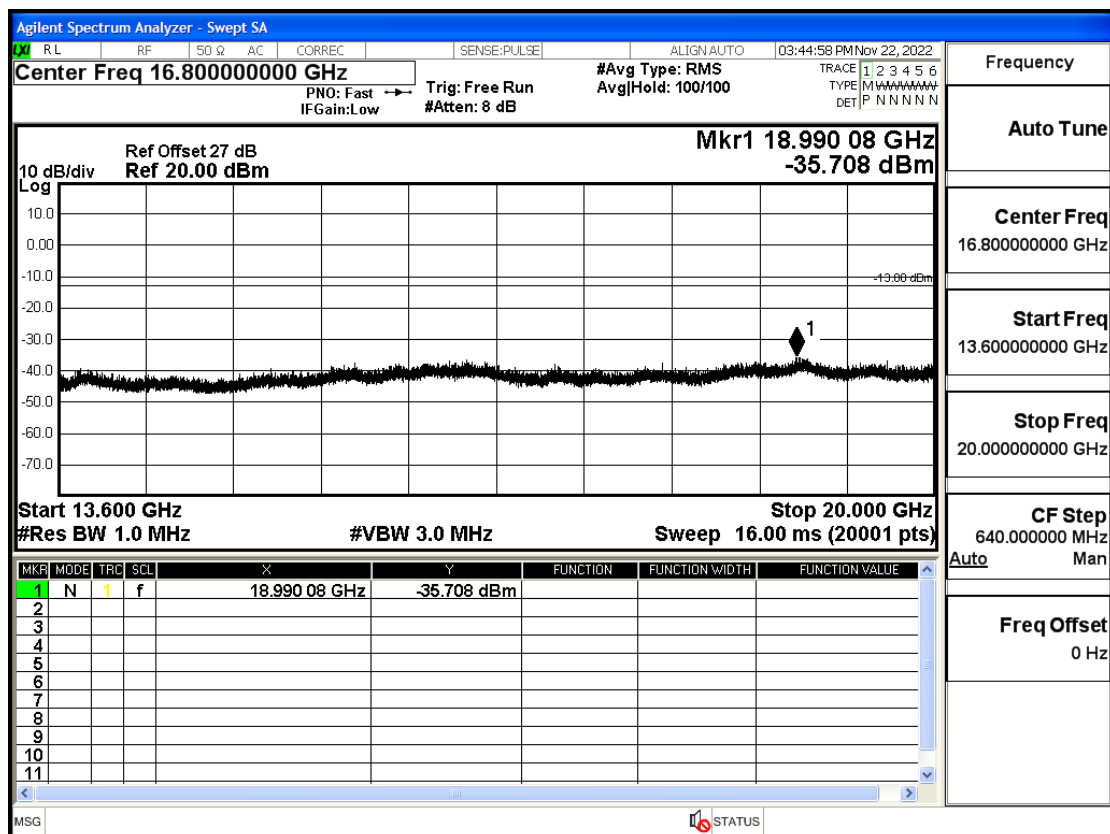
OB2-10-1855-Q16-50#LOW@1GHz-7GHz@Pass



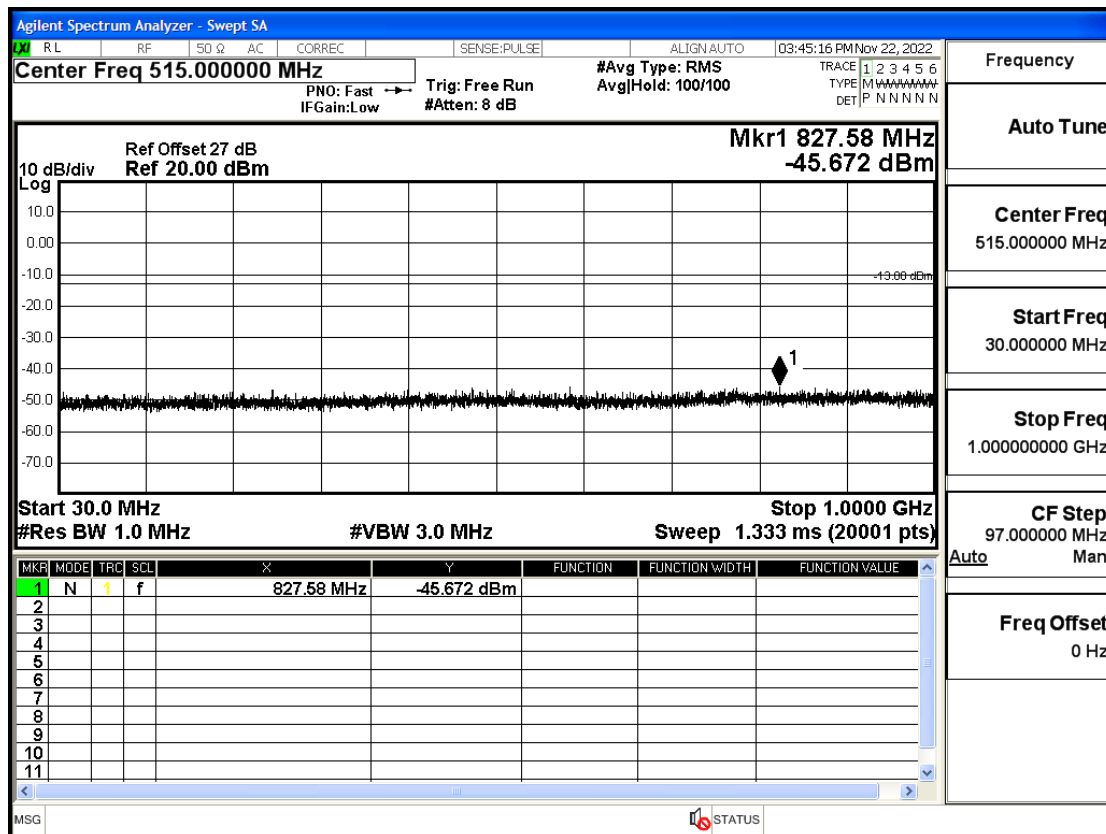
OB2-10-1855-Q16-50#LOW@7GHz-13.6GHz@Pass



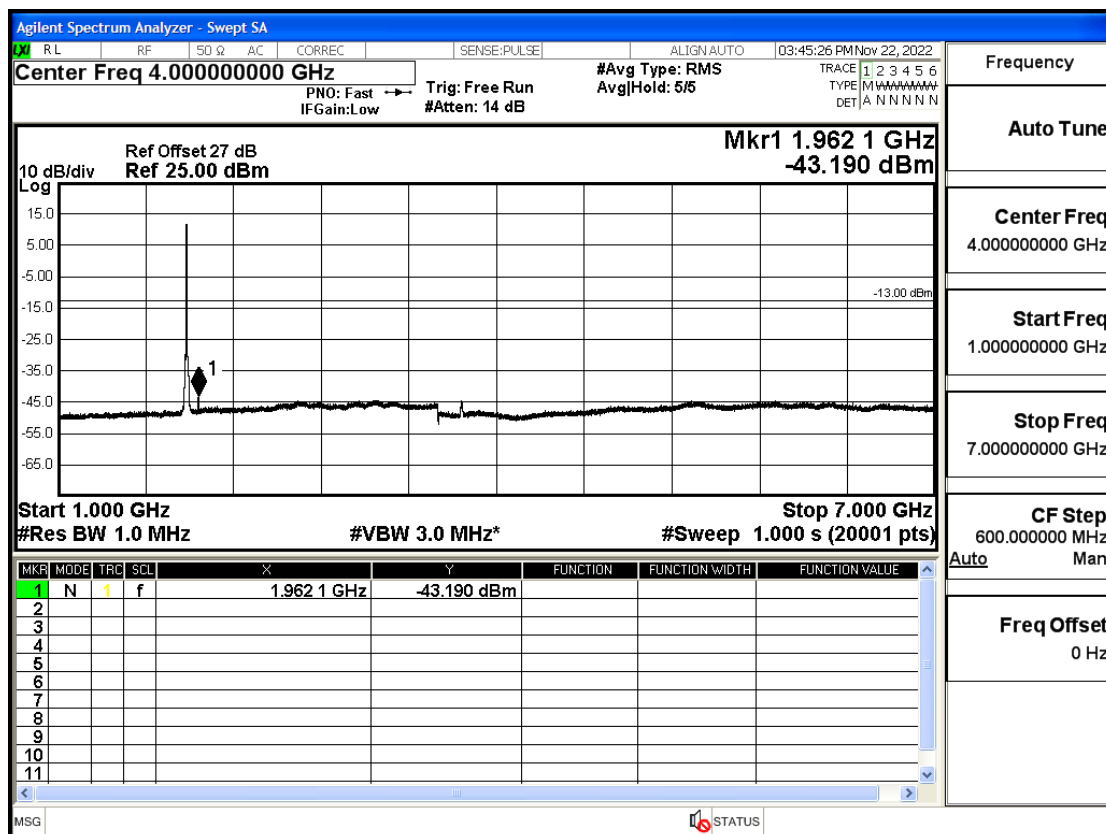
OB2-10-1855-Q16-50#LOW@13.6GHz-20GHz@Pass



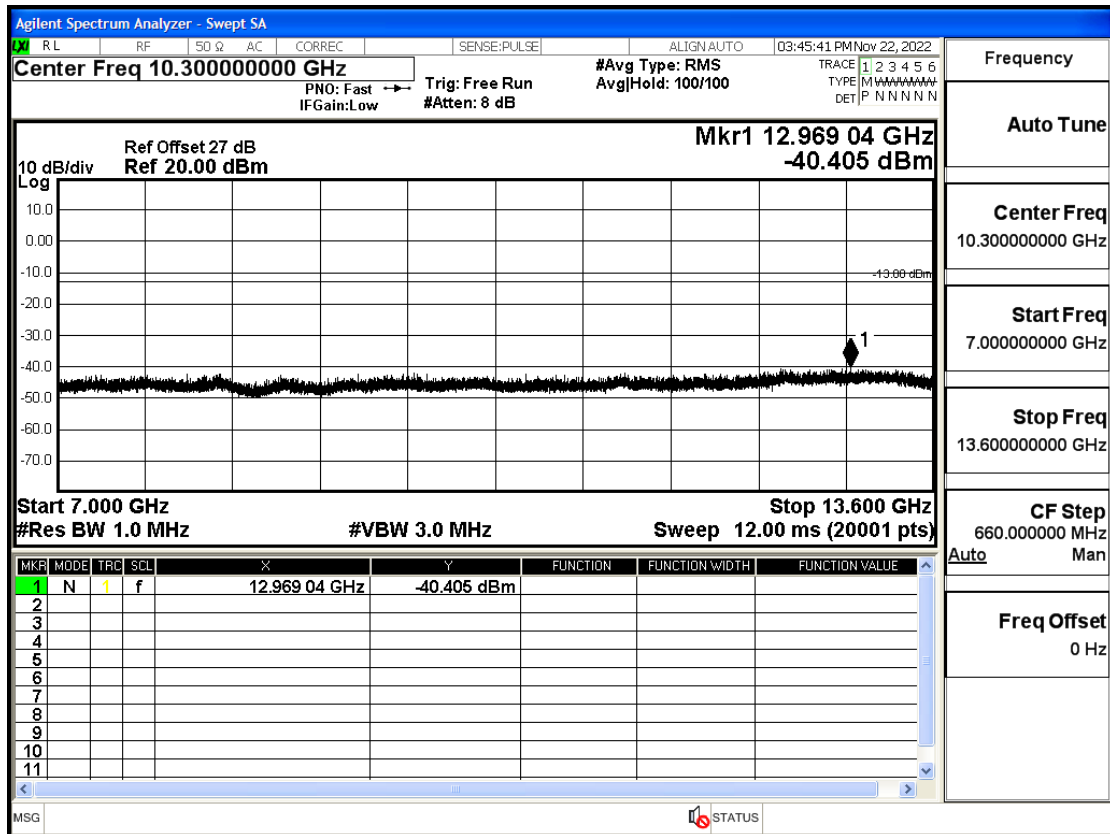
OB2-10-1880-Q16-50#LOW@30mHz-1GHz@Pass



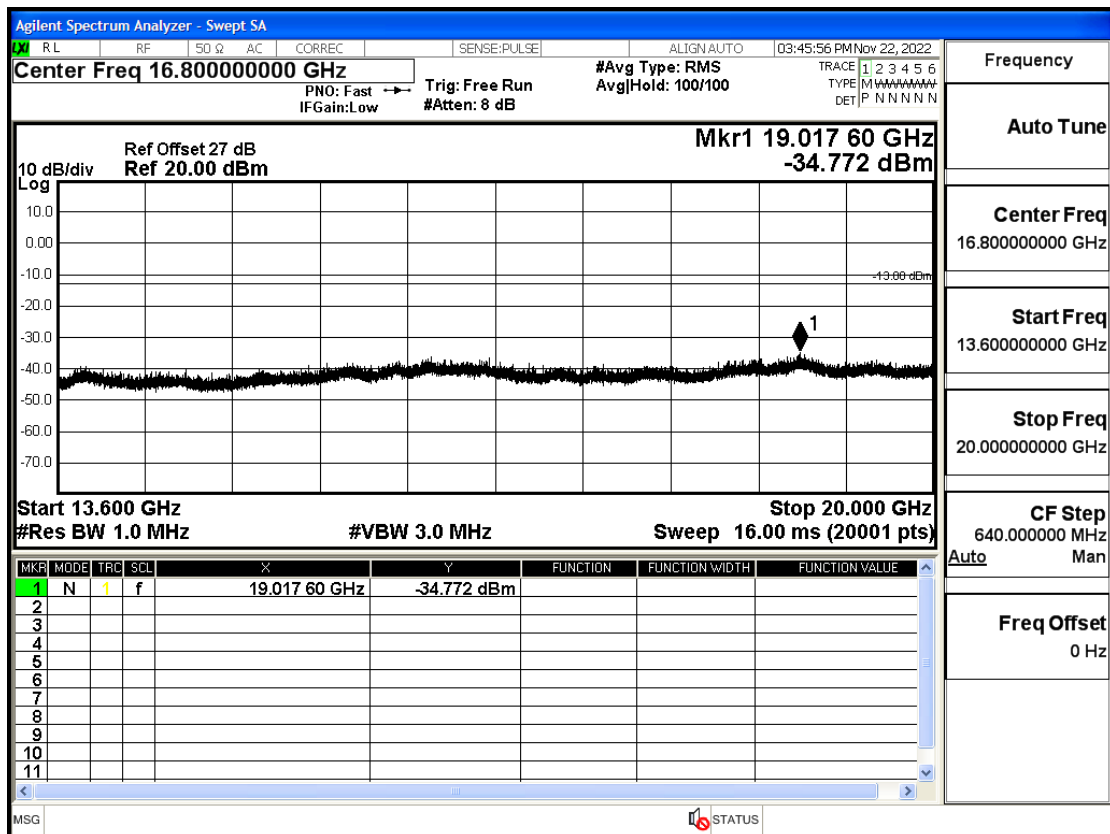
OB2-10-1880-Q16-50#LOW@1GHz-7GHz@Pass



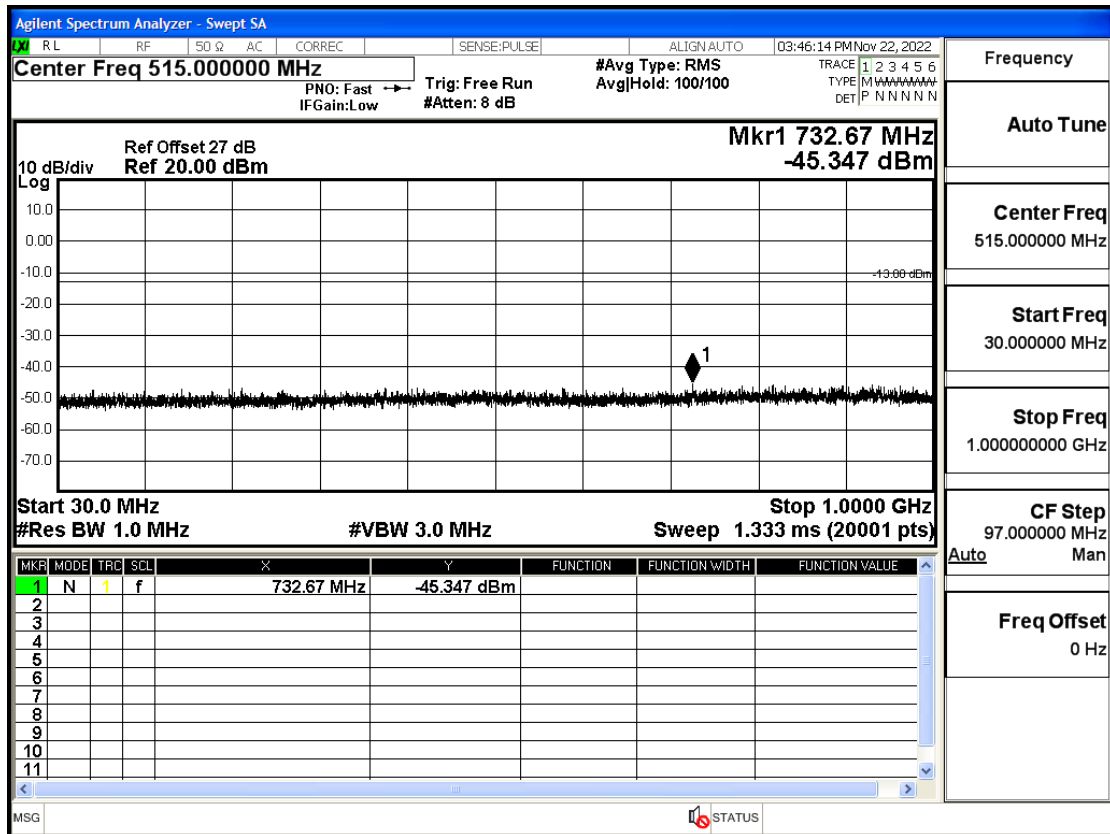
OB2-10-1880-Q16-50#LOW@7GHz-13.6GHz@Pass



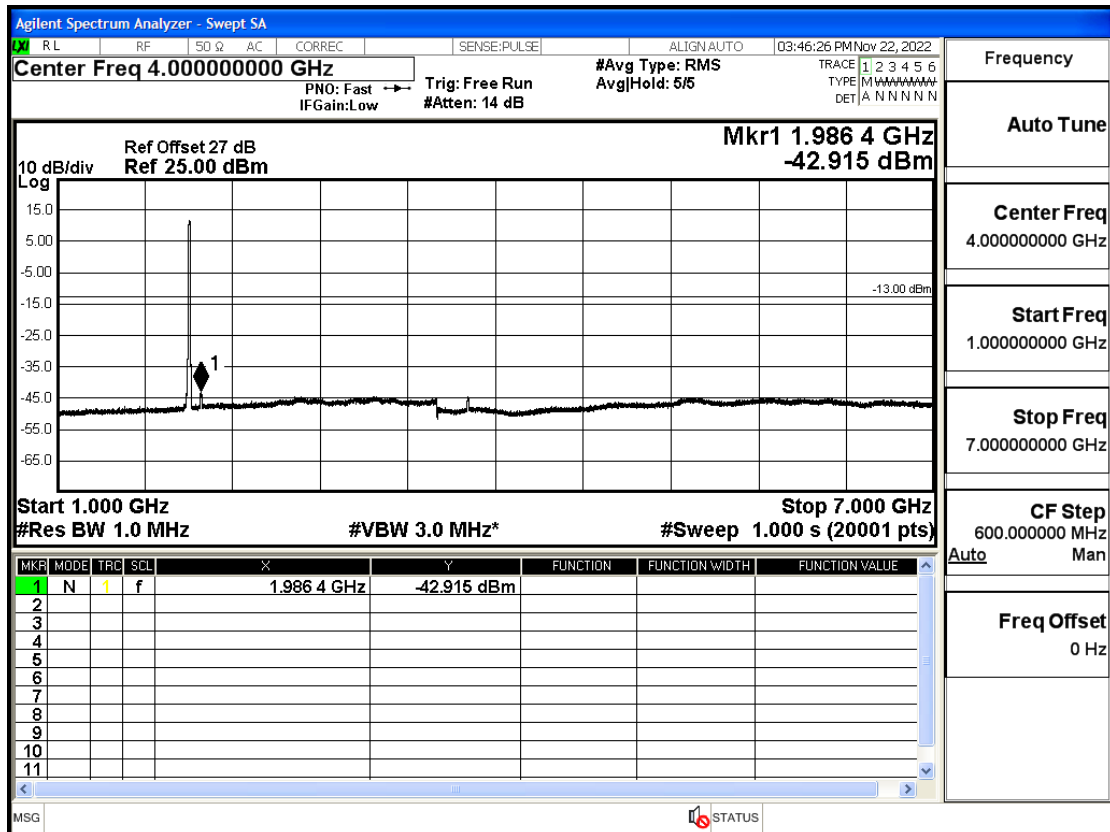
OB2-10-1880-Q16-50#LOW@13.6GHz-20GHz@Pass



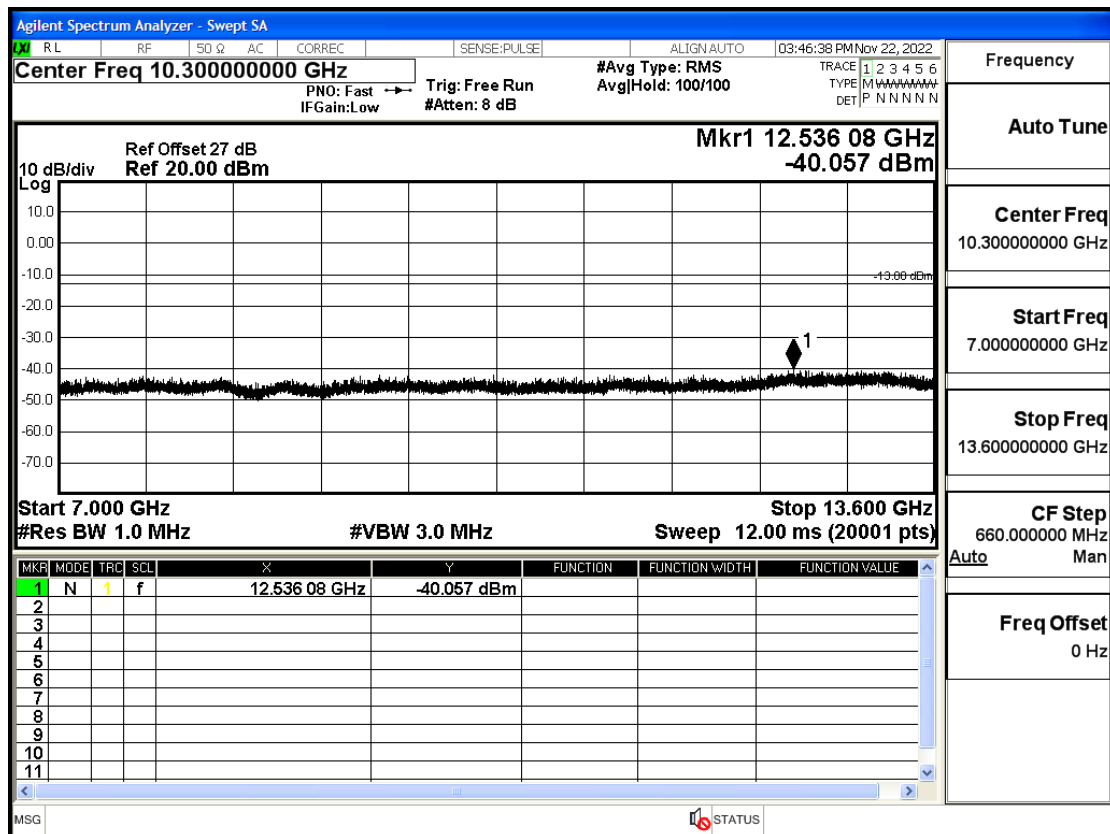
OB2-10-1905-Q16-50#LOW@30mHz-1GHz@Pass



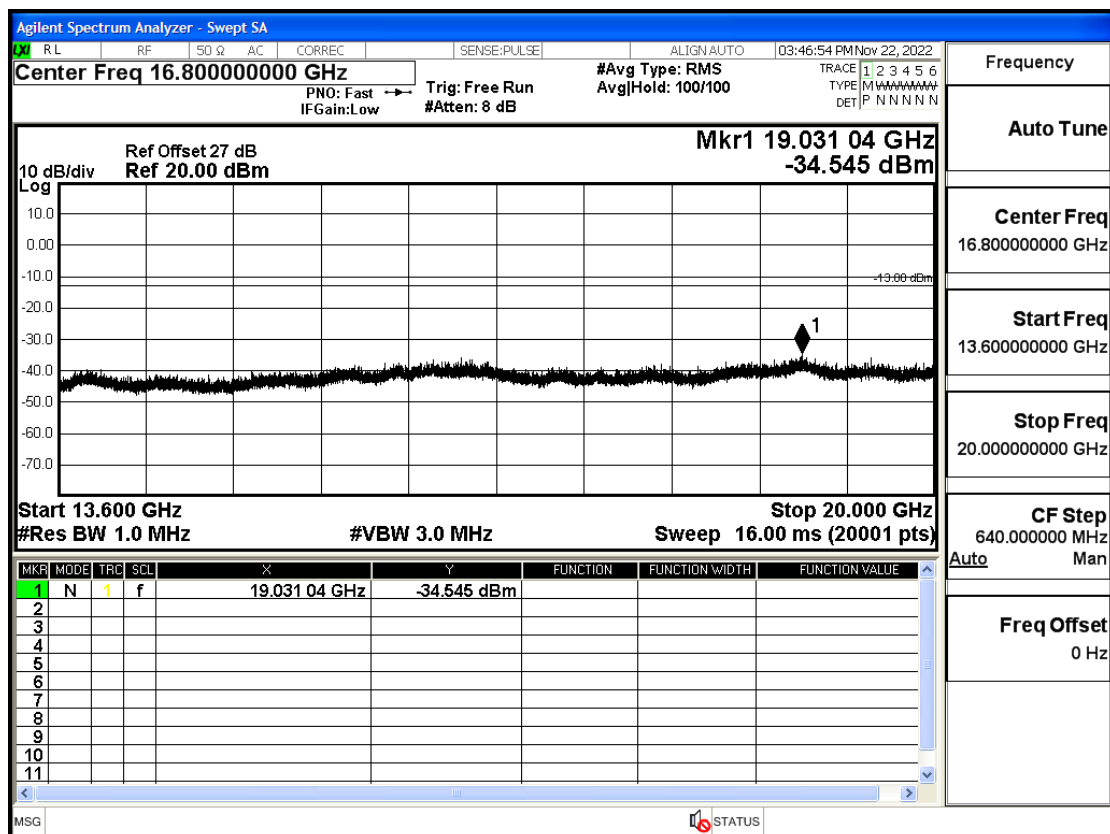
OB2-10-1905-Q16-50#LOW@1GHz-7GHz@Pass



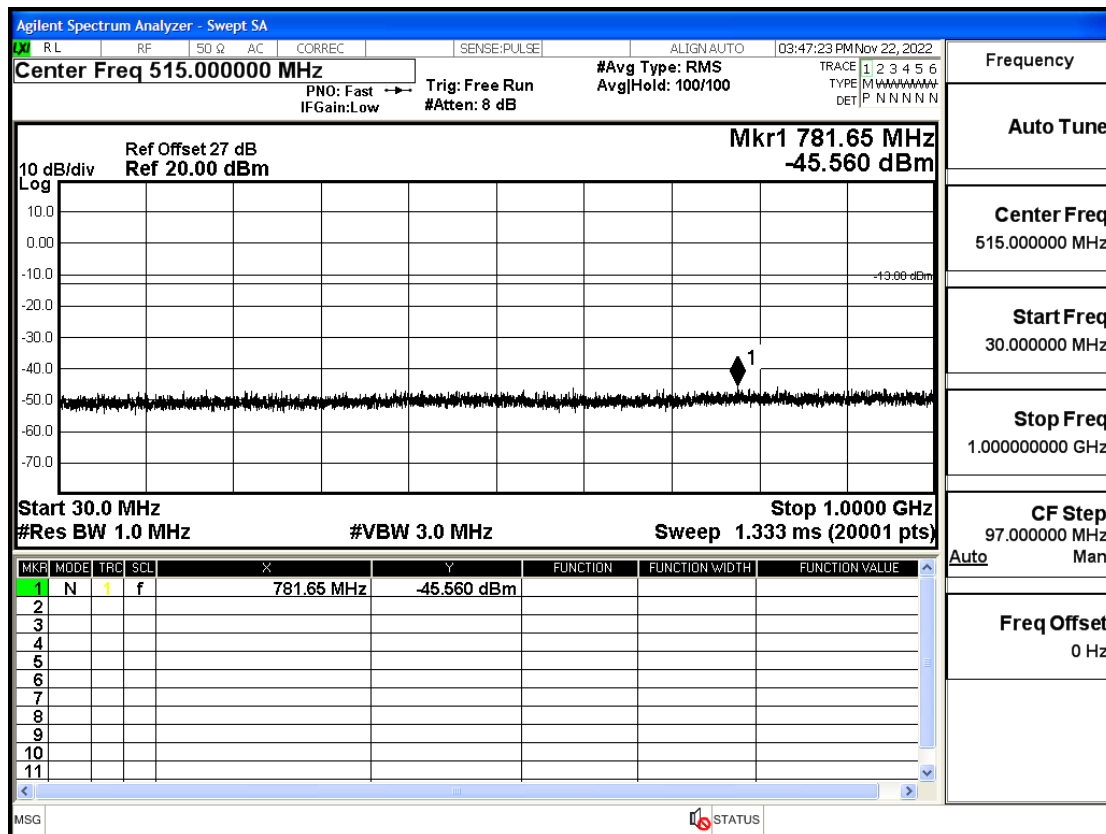
OB2-10-1905-Q16-50#LOW@7GHz-13.6GHz@Pass



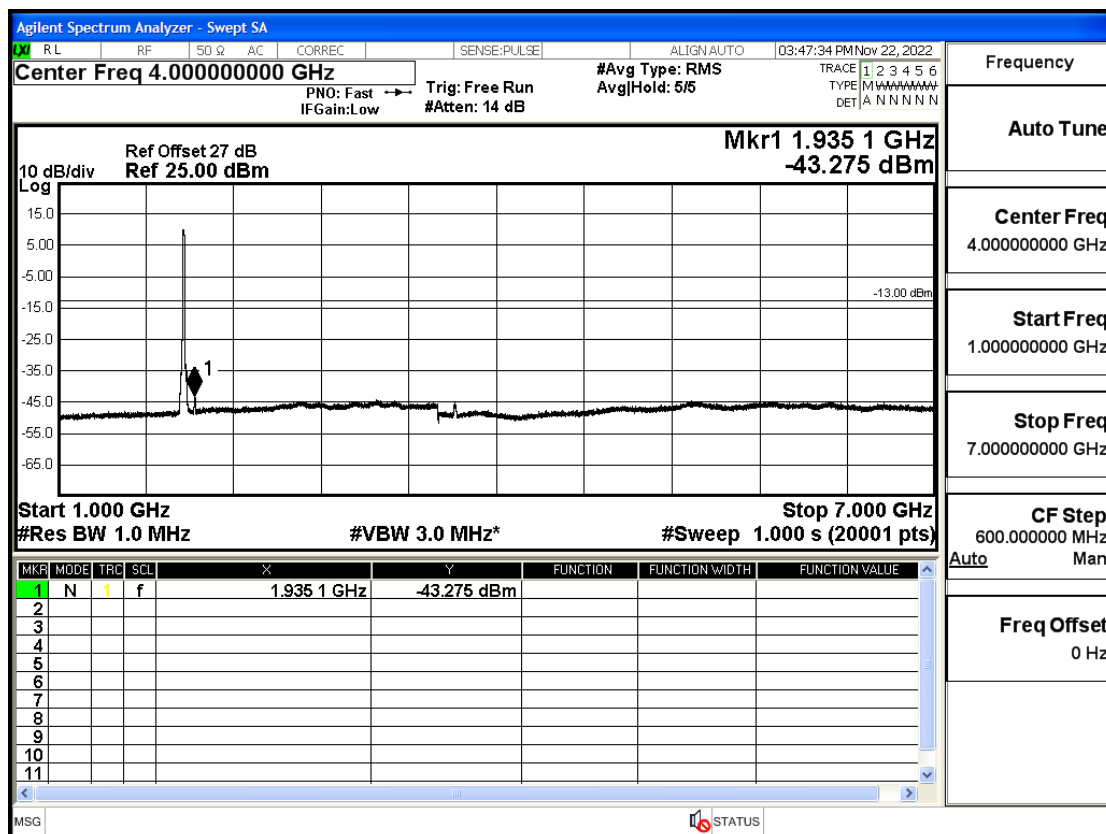
OB2-10-1905-Q16-50#LOW@13.6GHz-20GHz@Pass



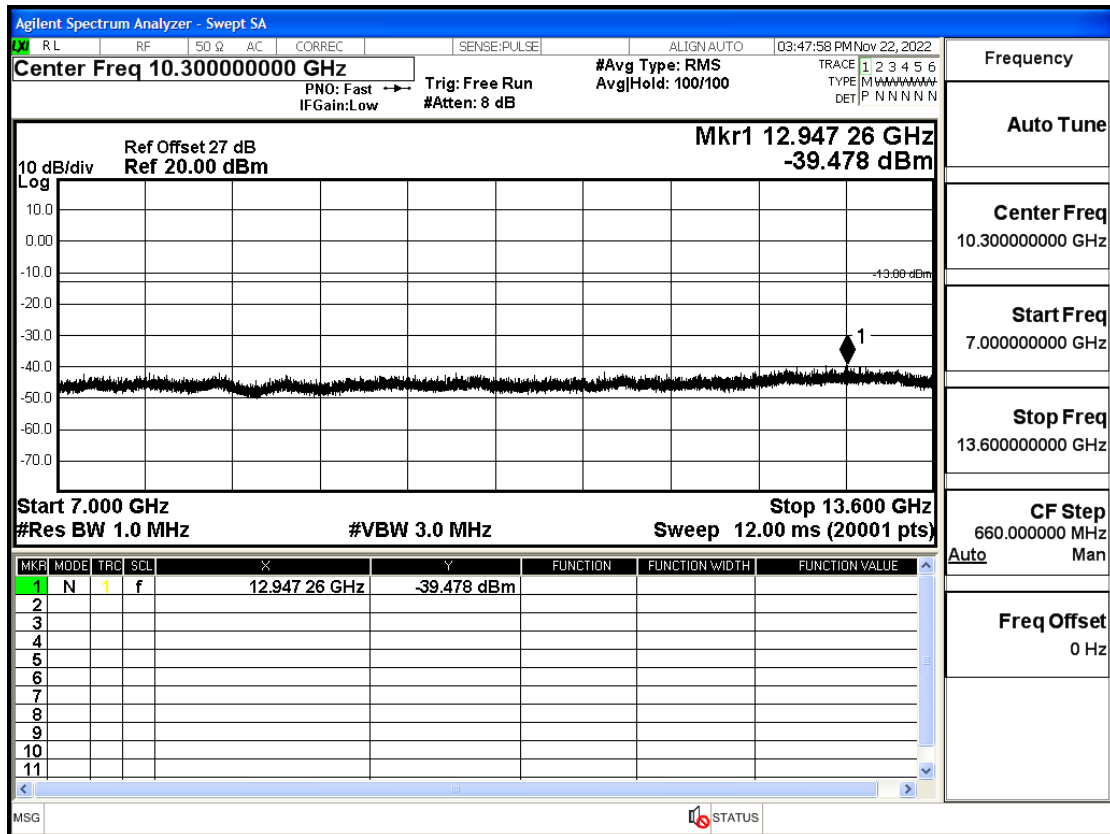
OB2-15-1857.5-Q16-75#LOW@30mHz-1GHz@Pass



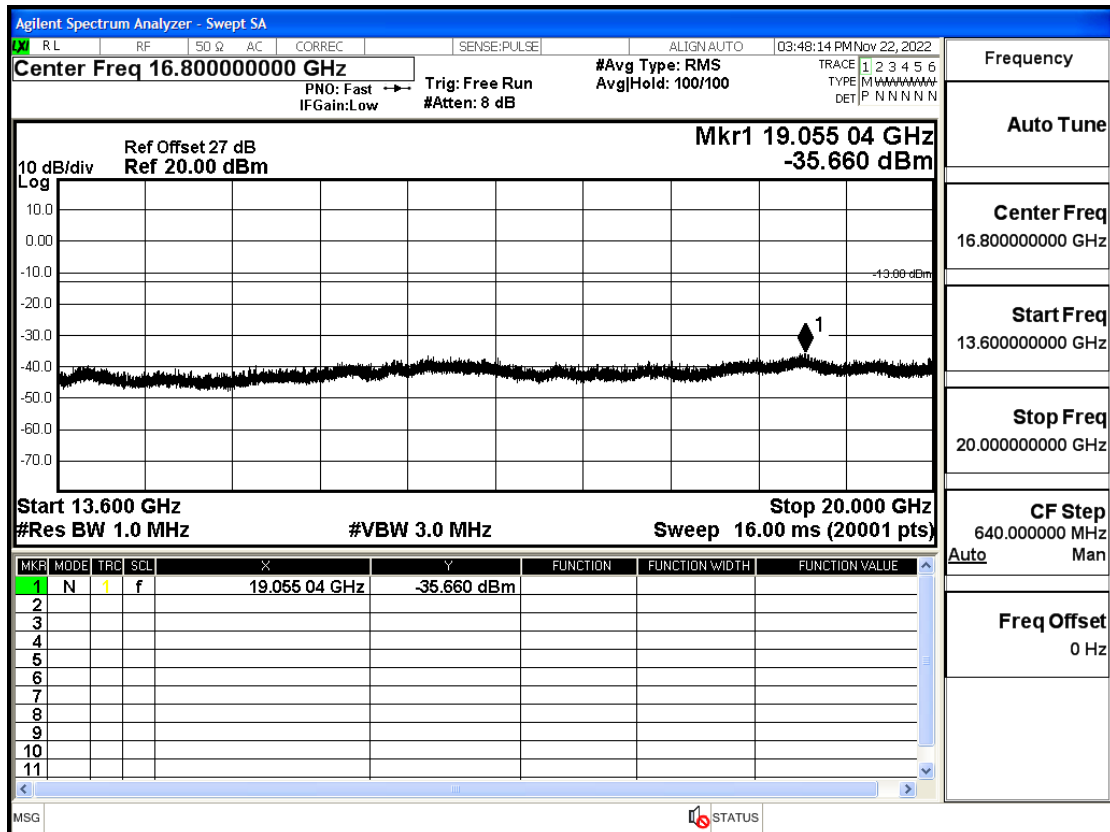
OB2-15-1857.5-Q16-75#LOW@1GHz-7GHz@Pass



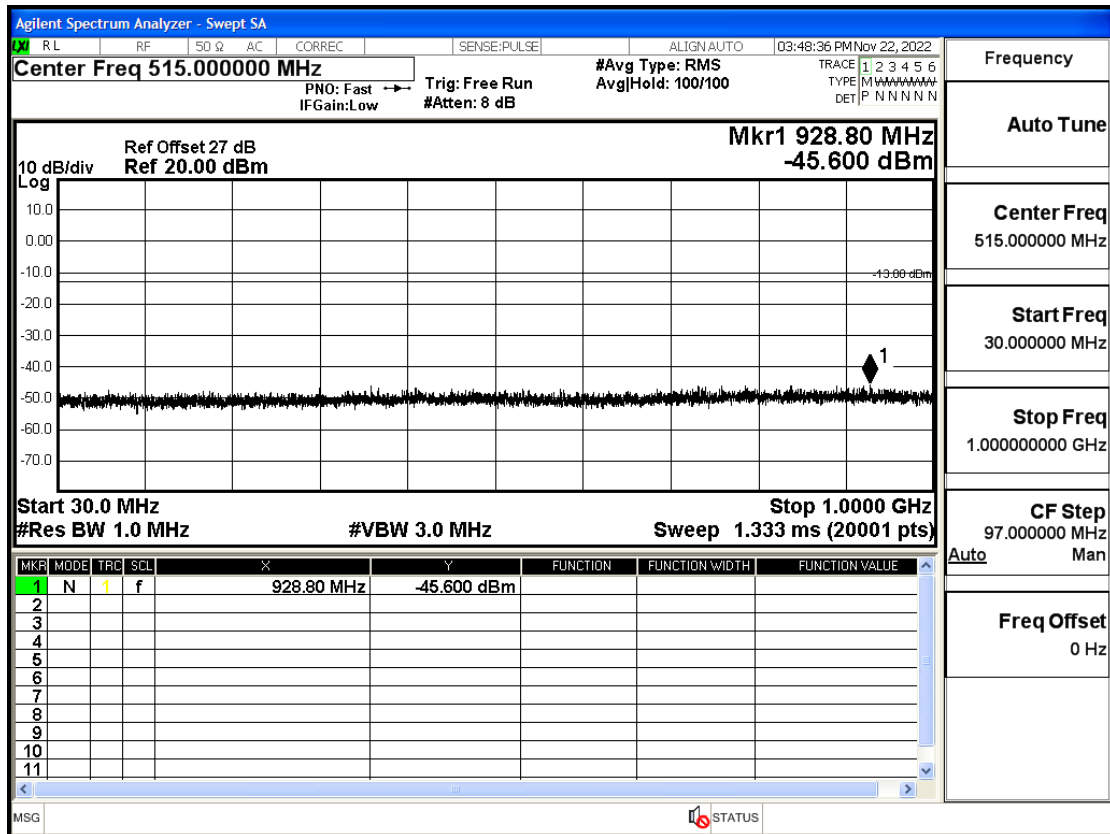
OB2-15-1857.5-Q16-75#LOW@7GHz-13.6GHz@Pass



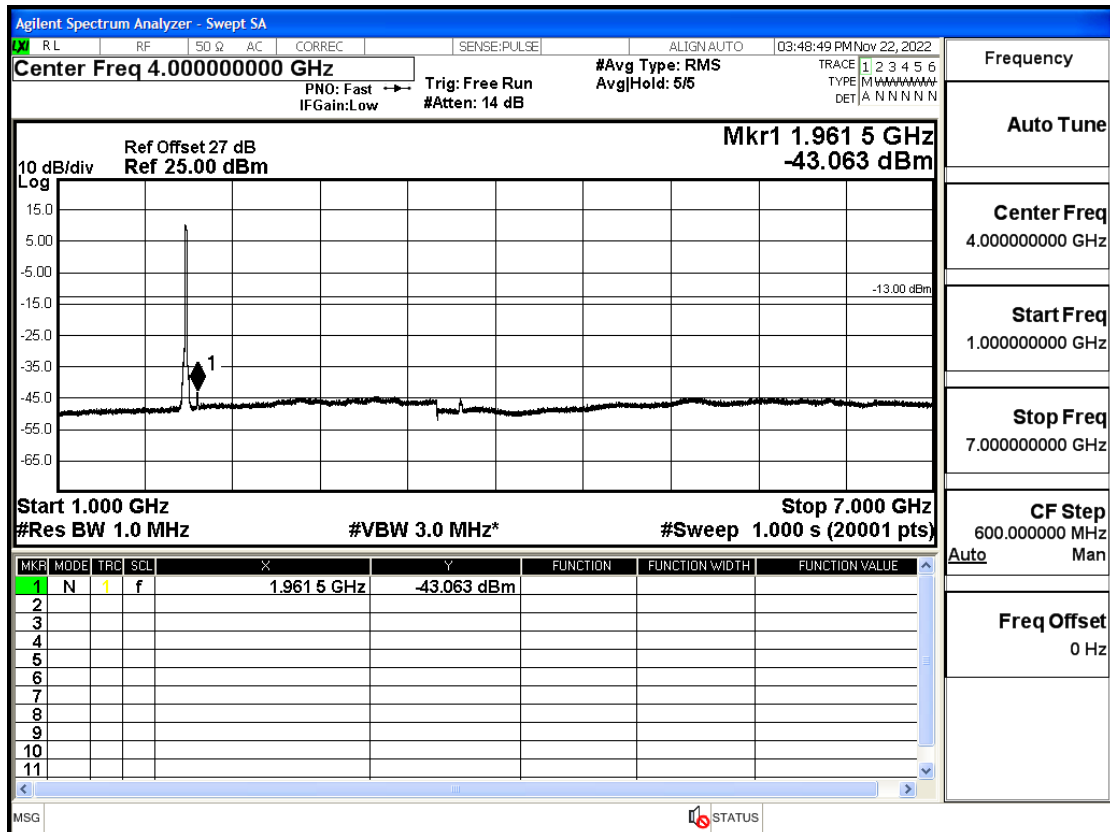
OB2-15-1857.5-Q16-75#LOW@13.6GHz-20GHz@Pass



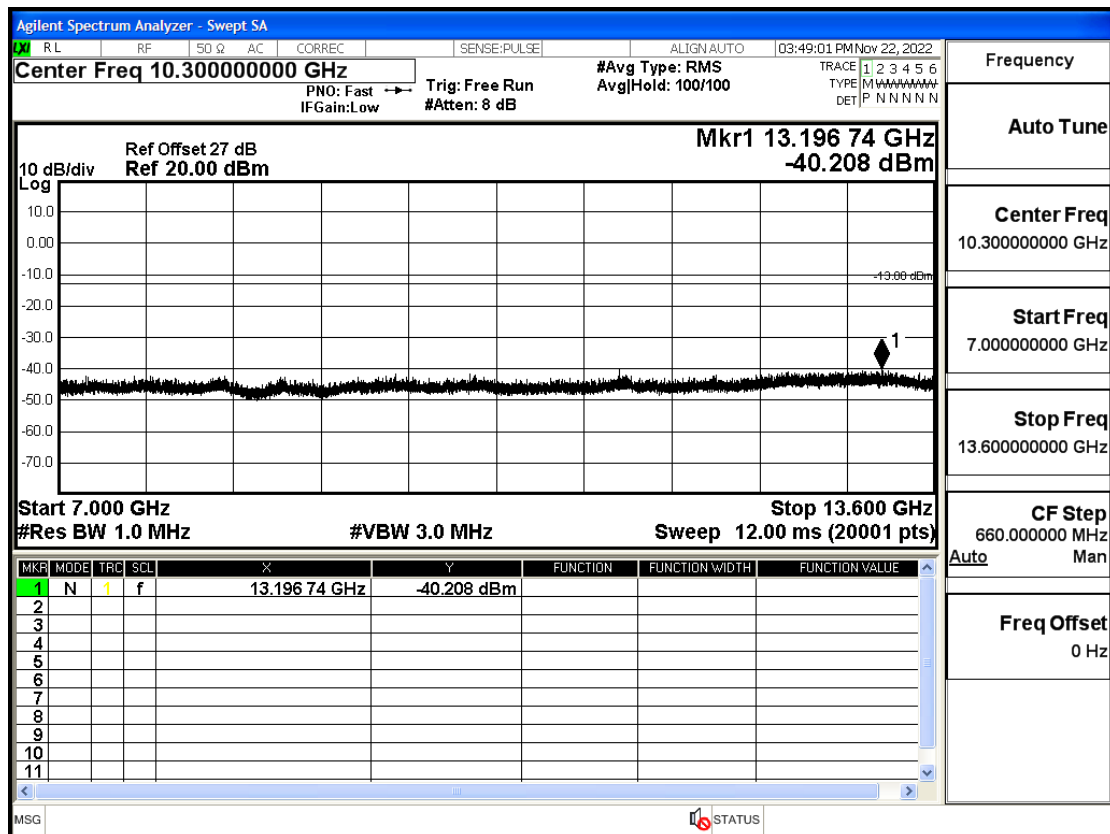
OB2-15-1880-Q16-75#LOW@30mHz-1GHz@Pass



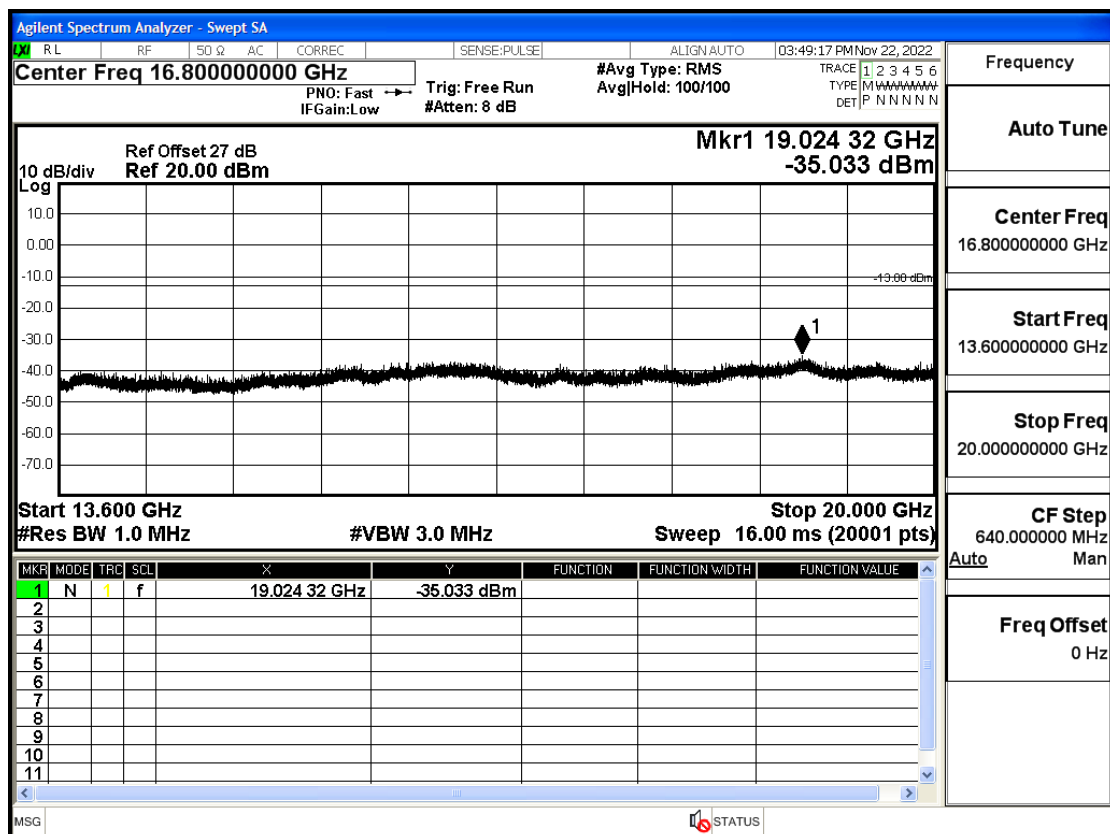
OB2-15-1880-Q16-75#LOW@1GHz-7GHz@Pass



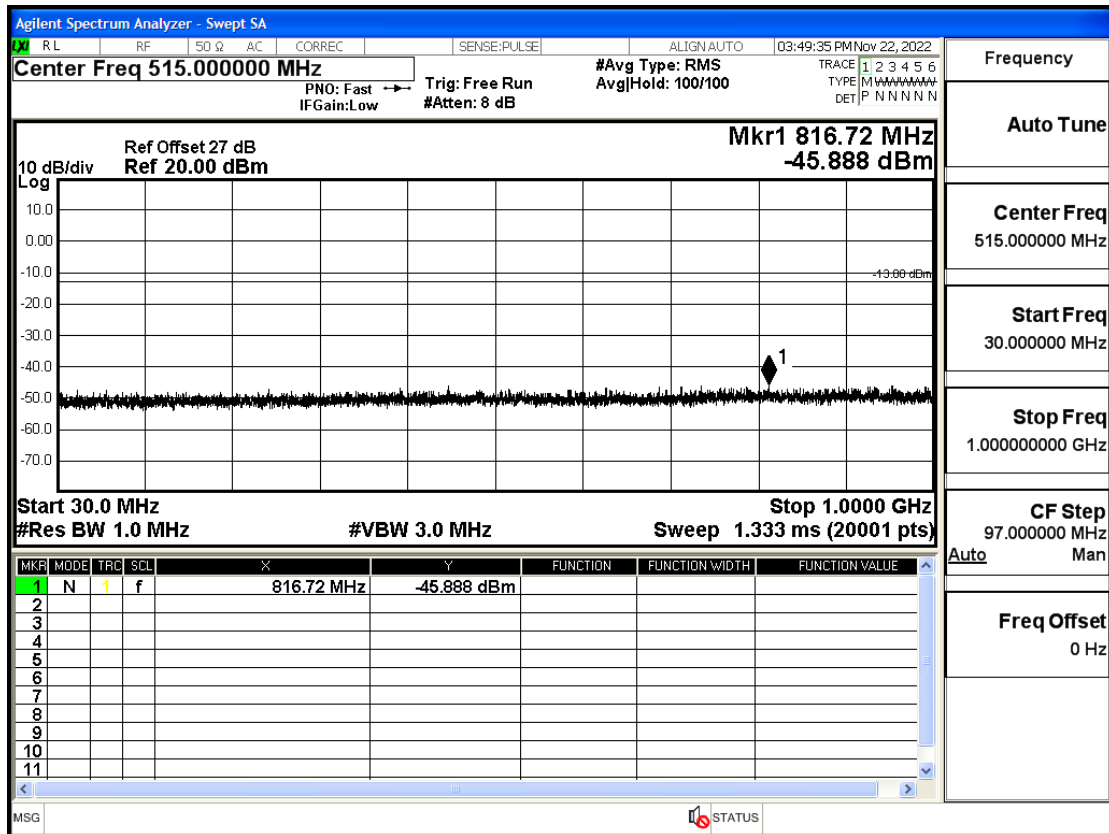
OB2-15-1880-Q16-75#LOW@7GHz-13.6GHz@Pass



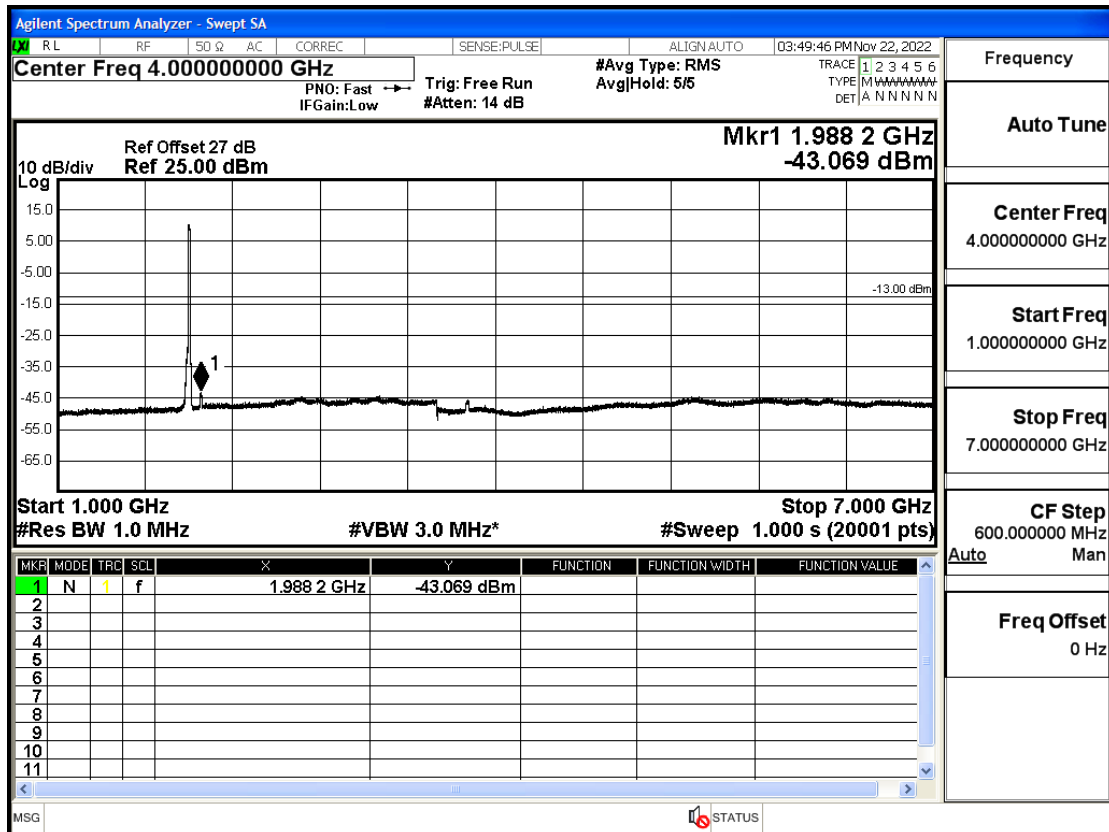
OB2-15-1880-Q16-75#LOW@13.6GHz-20GHz@Pass



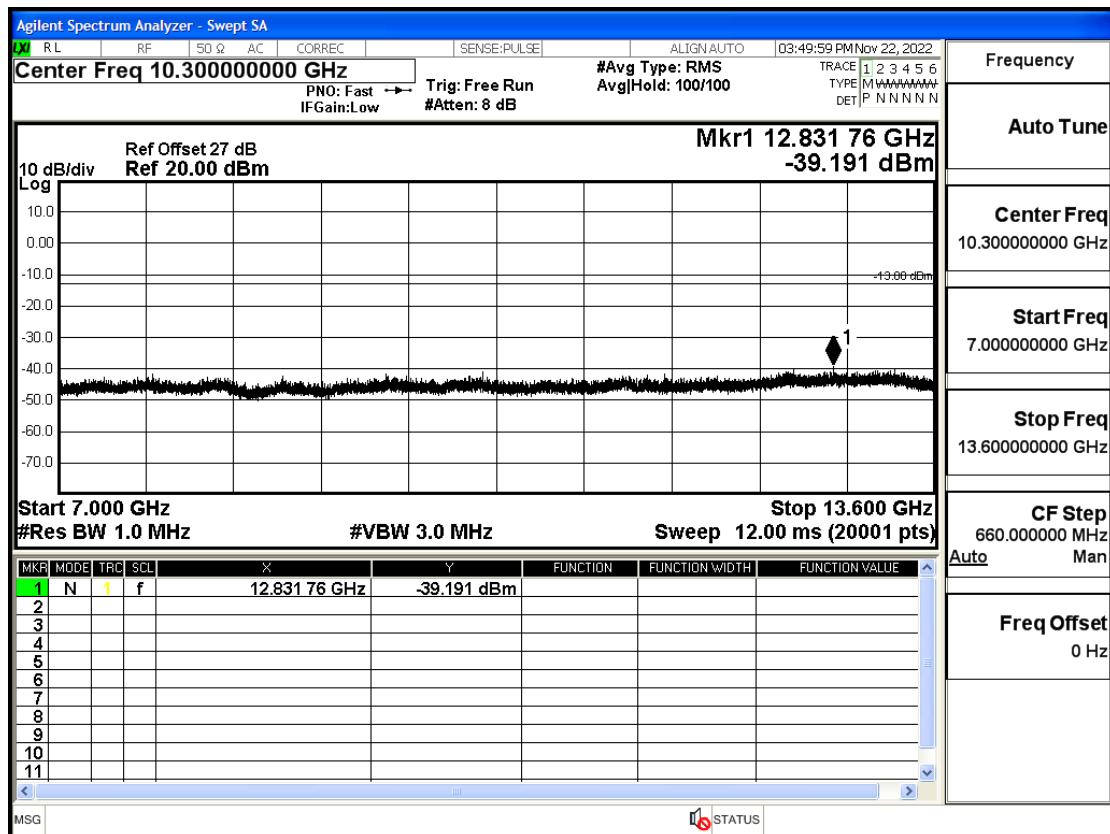
OB2-15-1902.5-Q16-75#LOW@30mHz-1GHz@Pass



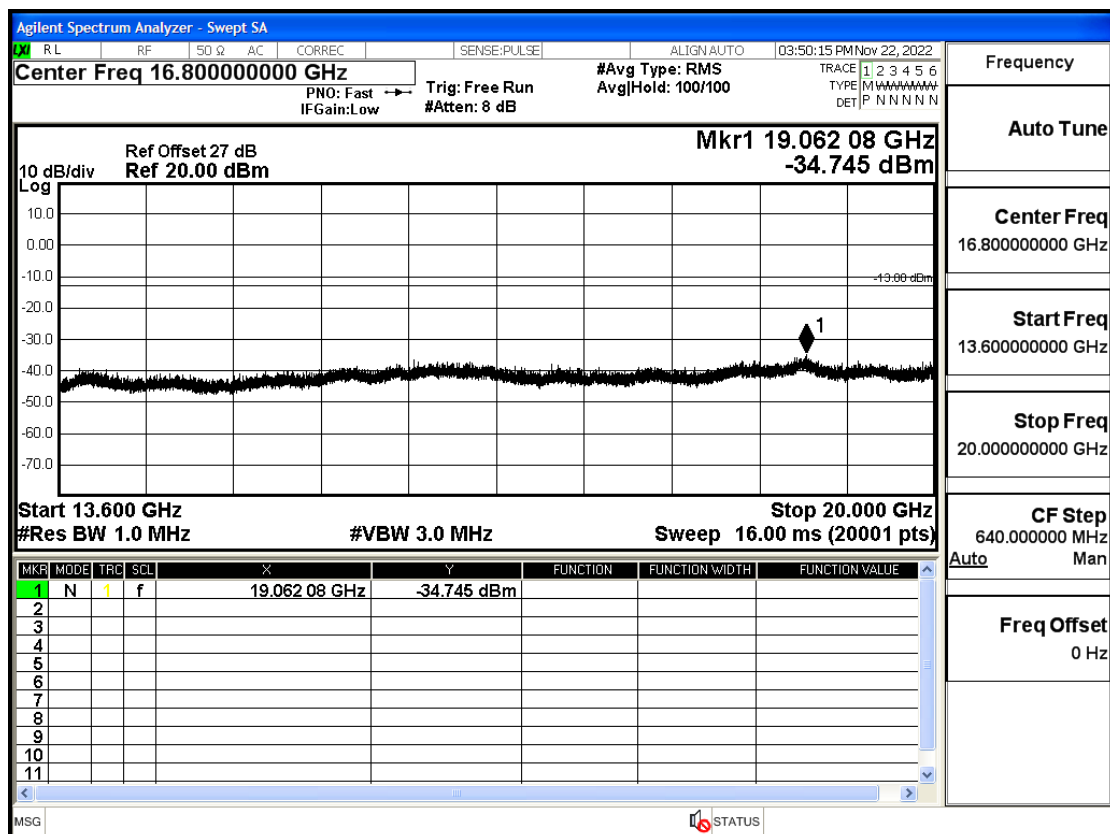
OB2-15-1902.5-Q16-75#LOW@1GHz-7GHz@Pass



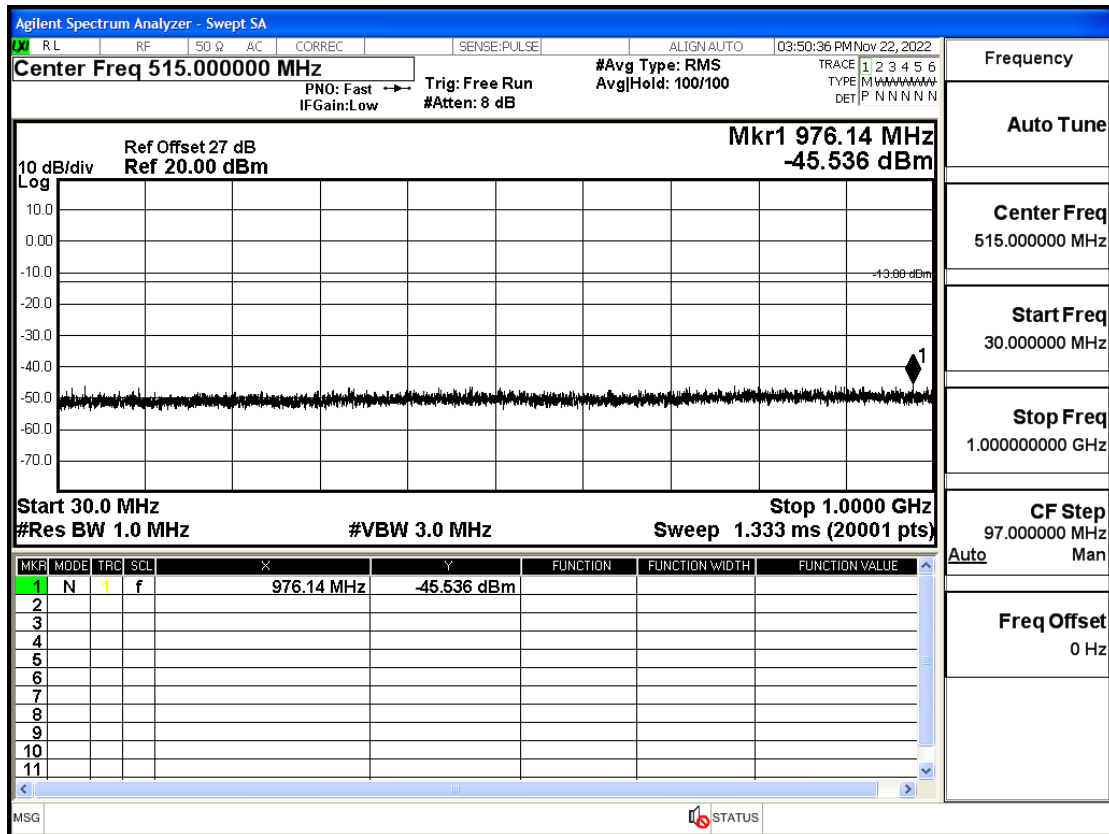
OB2-15-1902.5-Q16-75#LOW@7GHz-13.6GHz@Pass



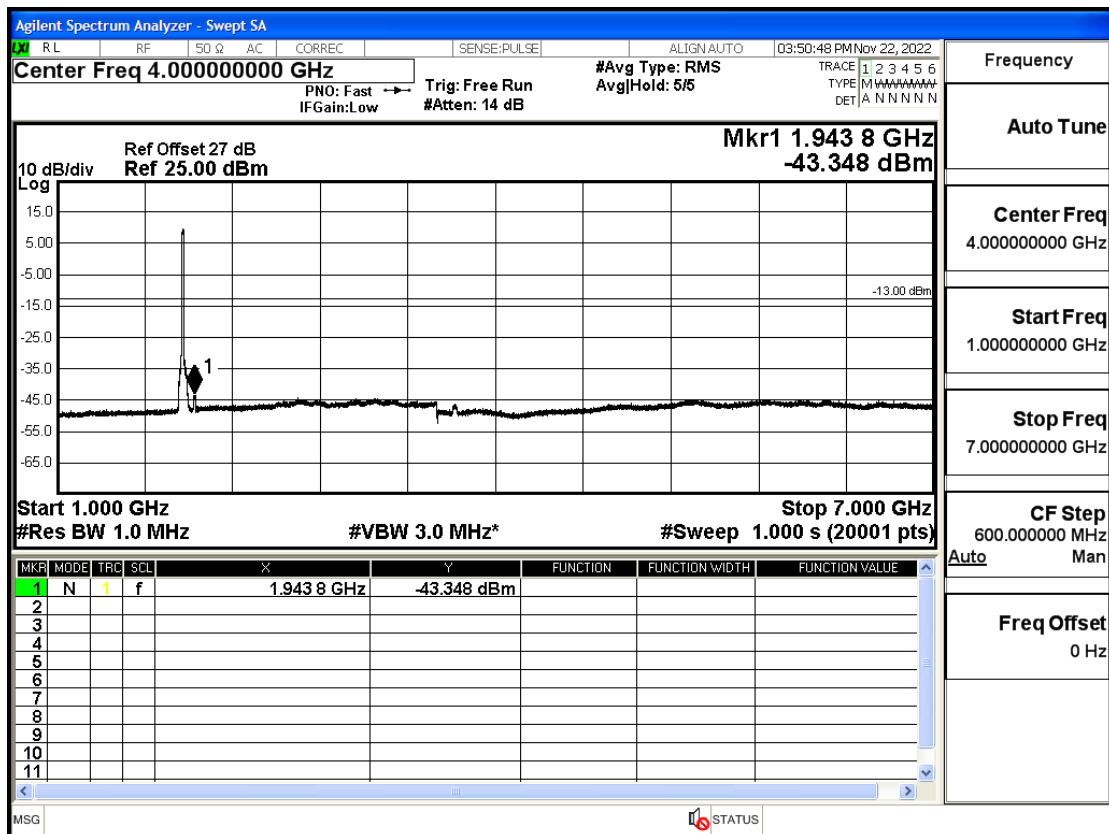
OB2-15-1902.5-Q16-75#LOW@13.6GHz-20GHz@Pass



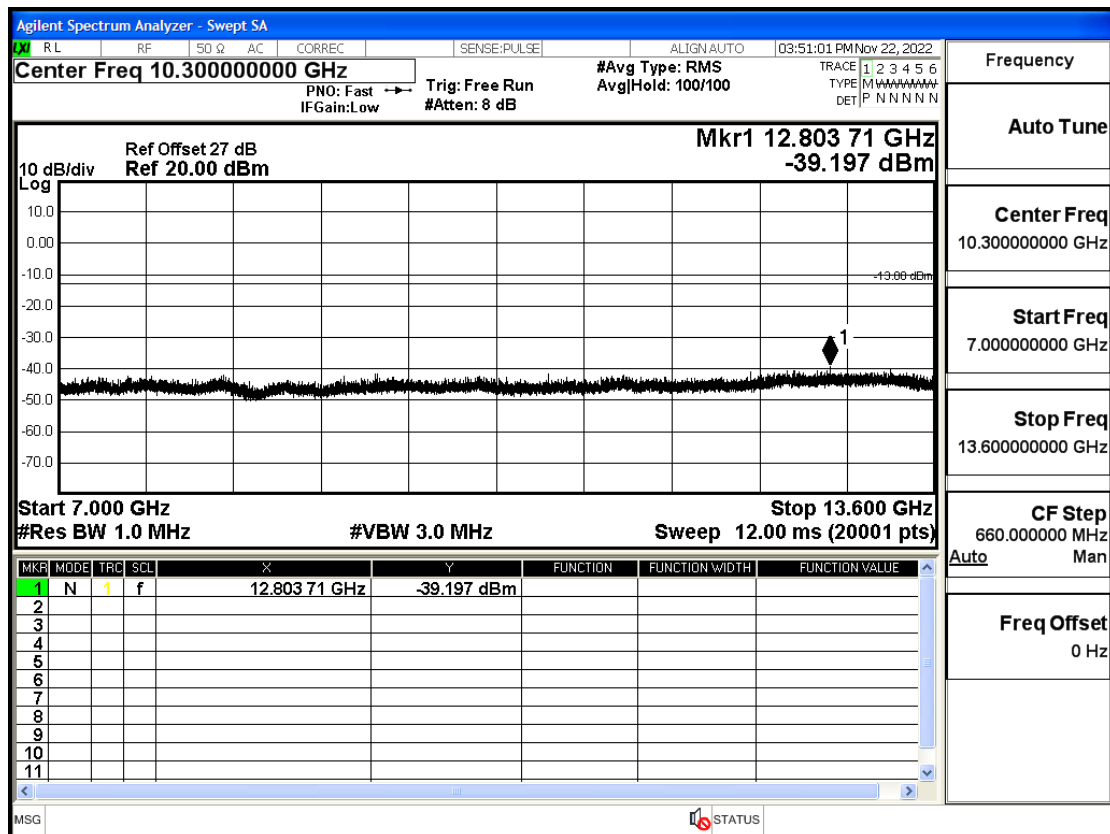
OB2-20-1860-Q16-100#LOW@30mHz-1GHz@Pass



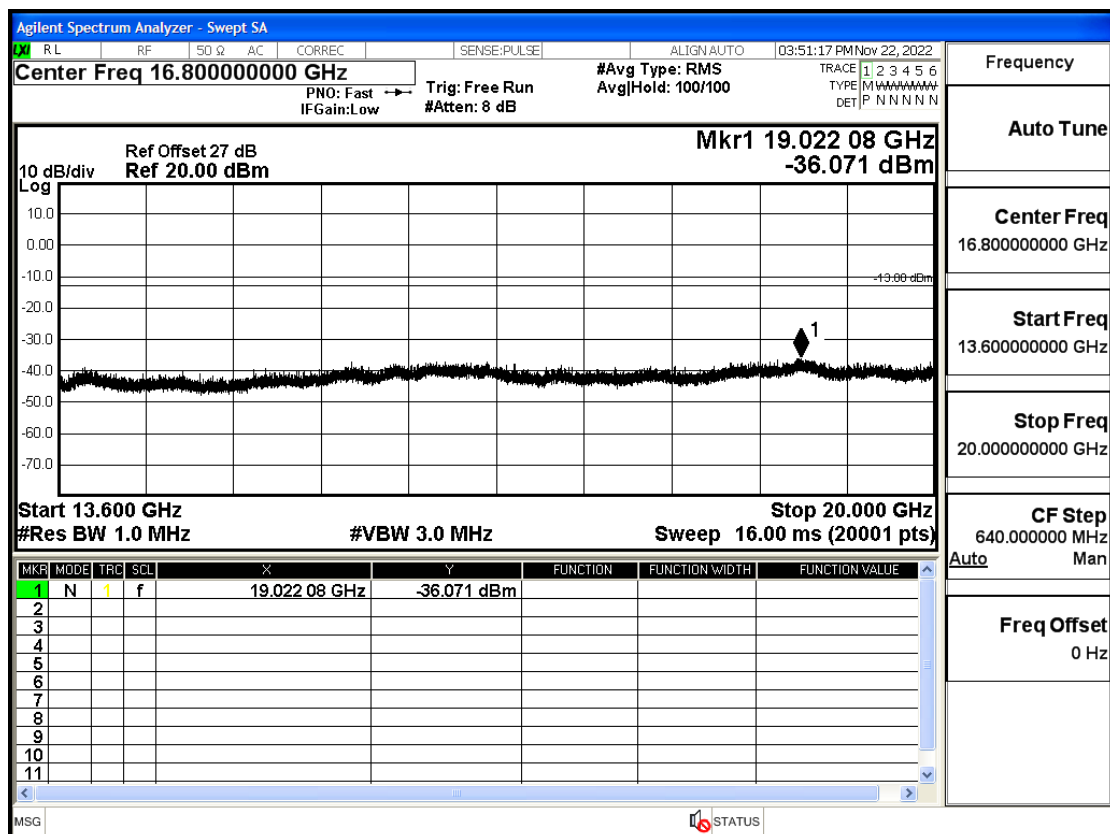
OB2-20-1860-Q16-100#LOW@1GHz-7GHz@Pass



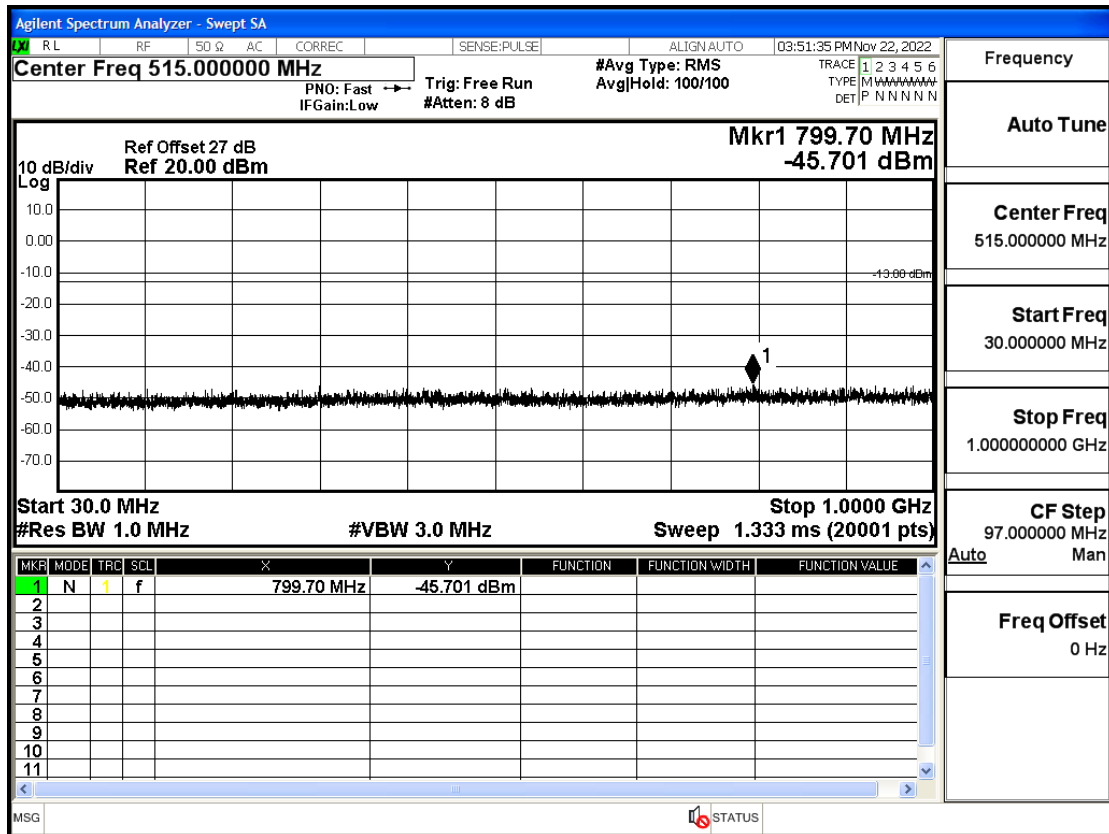
OB2-20-1860-Q16-100#LOW@7GHz-13.6GHz@Pass



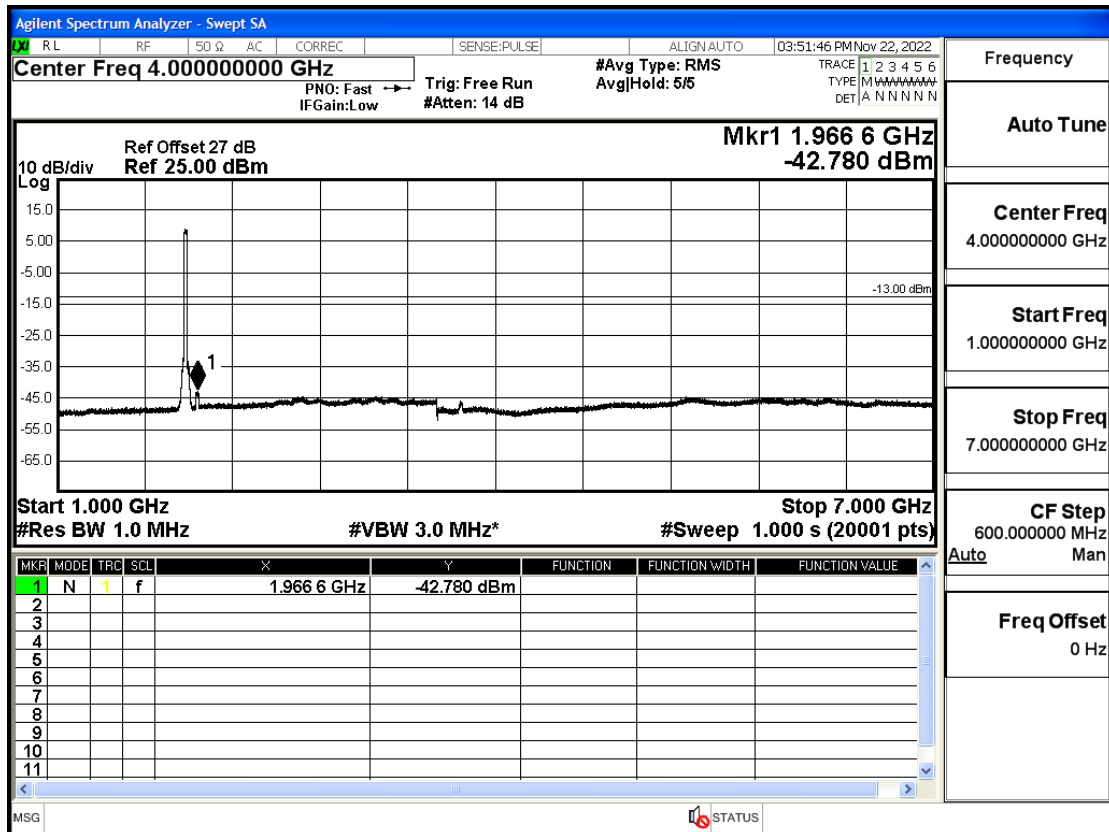
OB2-20-1860-Q16-100#LOW@13.6GHz-20GHz@Pass



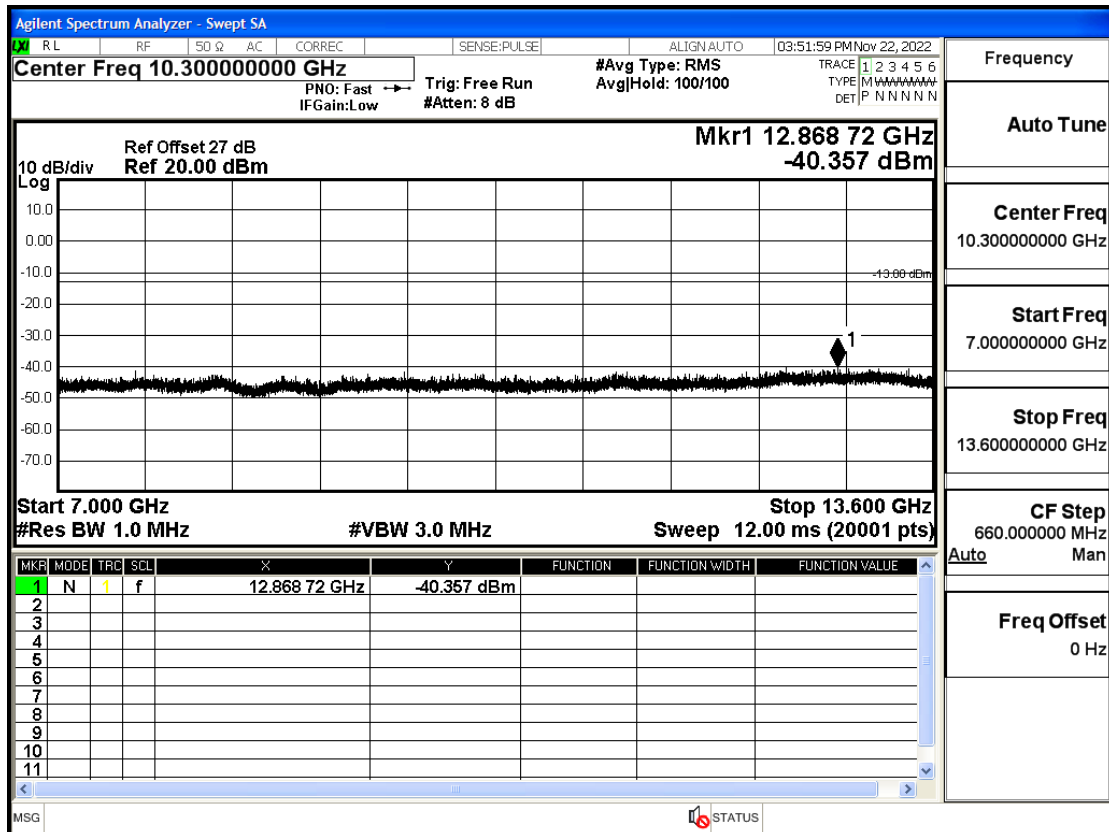
OB2-20-1880-Q16-100#LOW@30mHz-1GHz@Pass



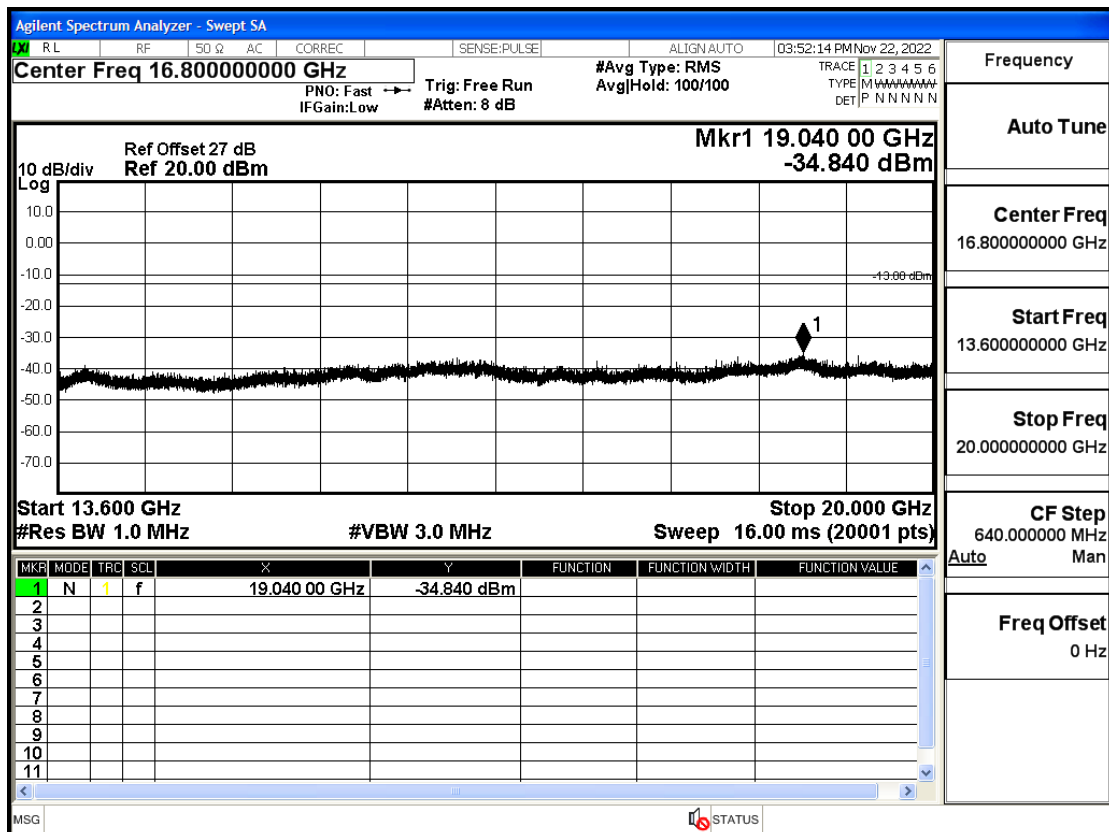
OB2-20-1880-Q16-100#LOW@1GHz-7GHz@Pass



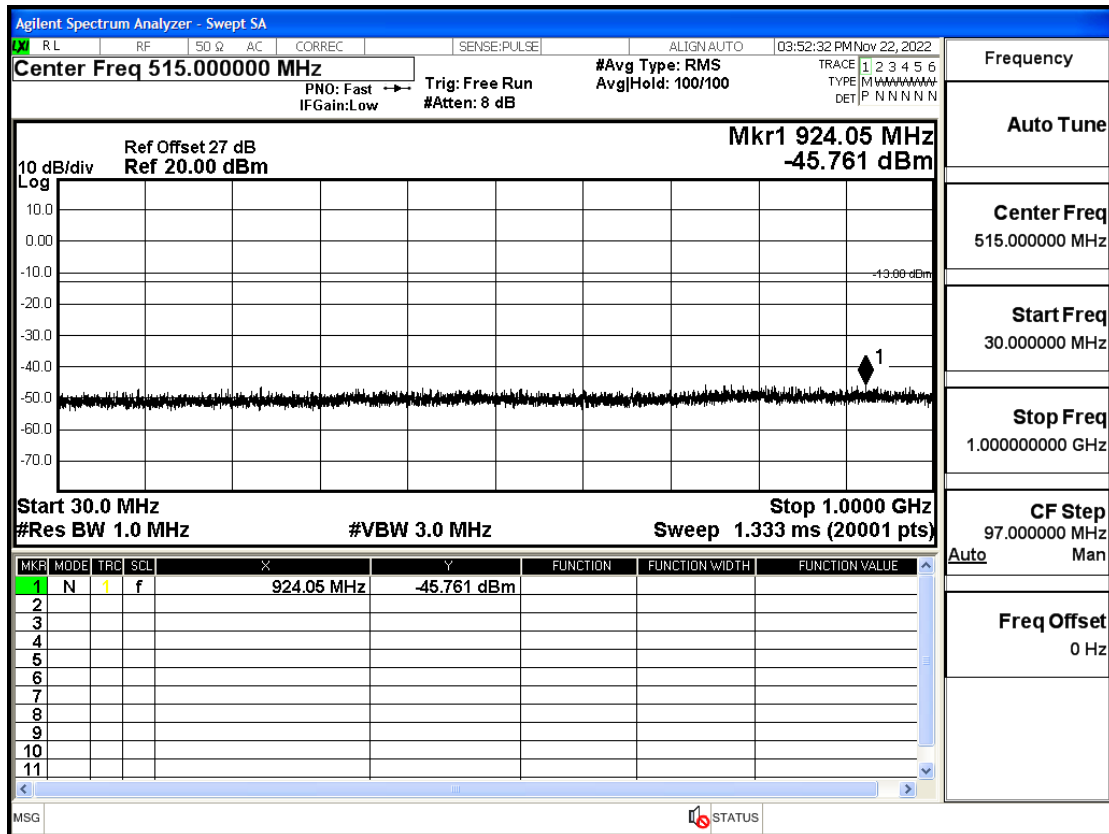
OB2-20-1880-Q16-100#LOW@7GHz-13.6GHz@Pass



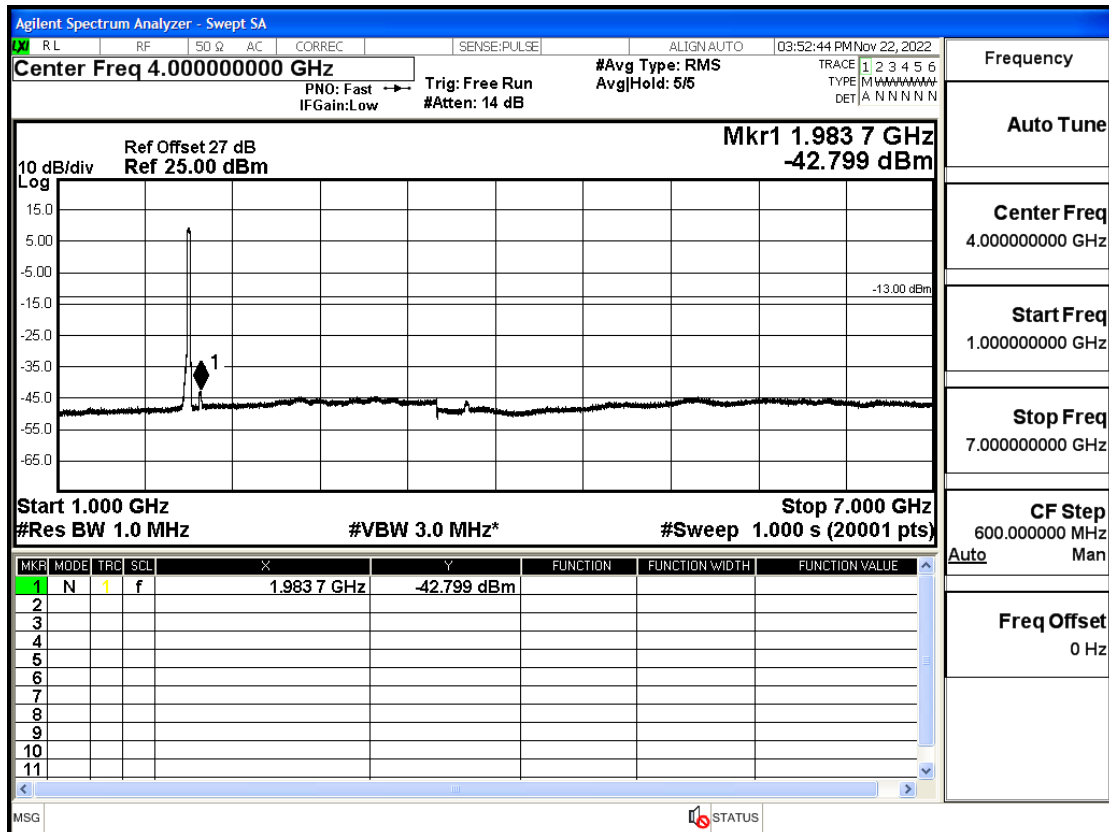
OB2-20-1880-Q16-100#LOW@13.6GHz-20GHz@Pass



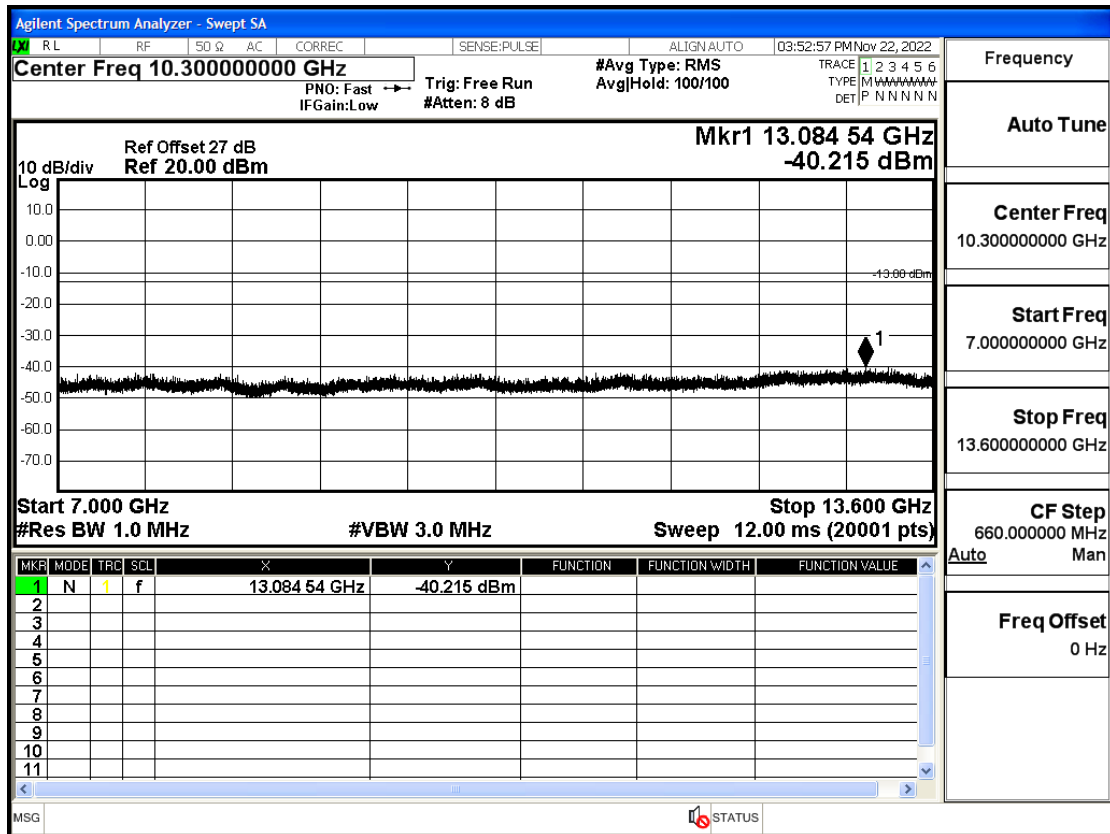
OB2-20-1900-Q16-100#LOW@30mHz-1GHz@Pass



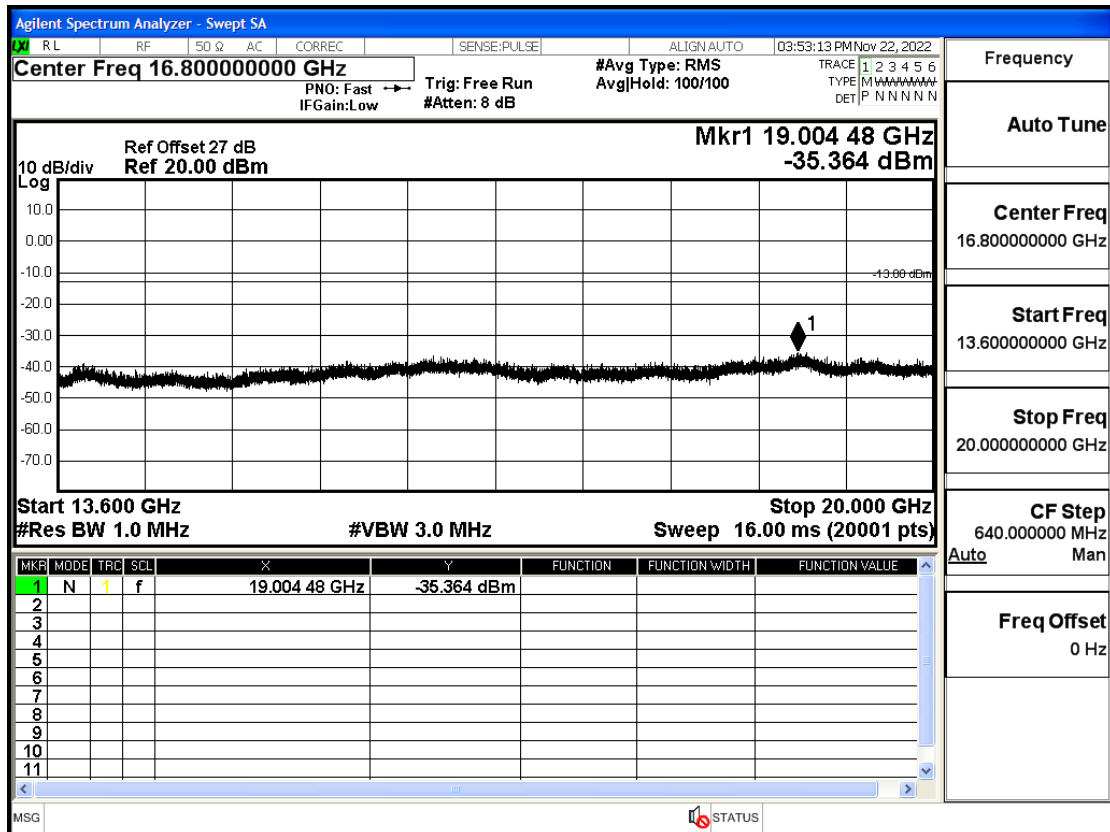
OB2-20-1900-Q16-100#LOW@1GHz-7GHz@Pass



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



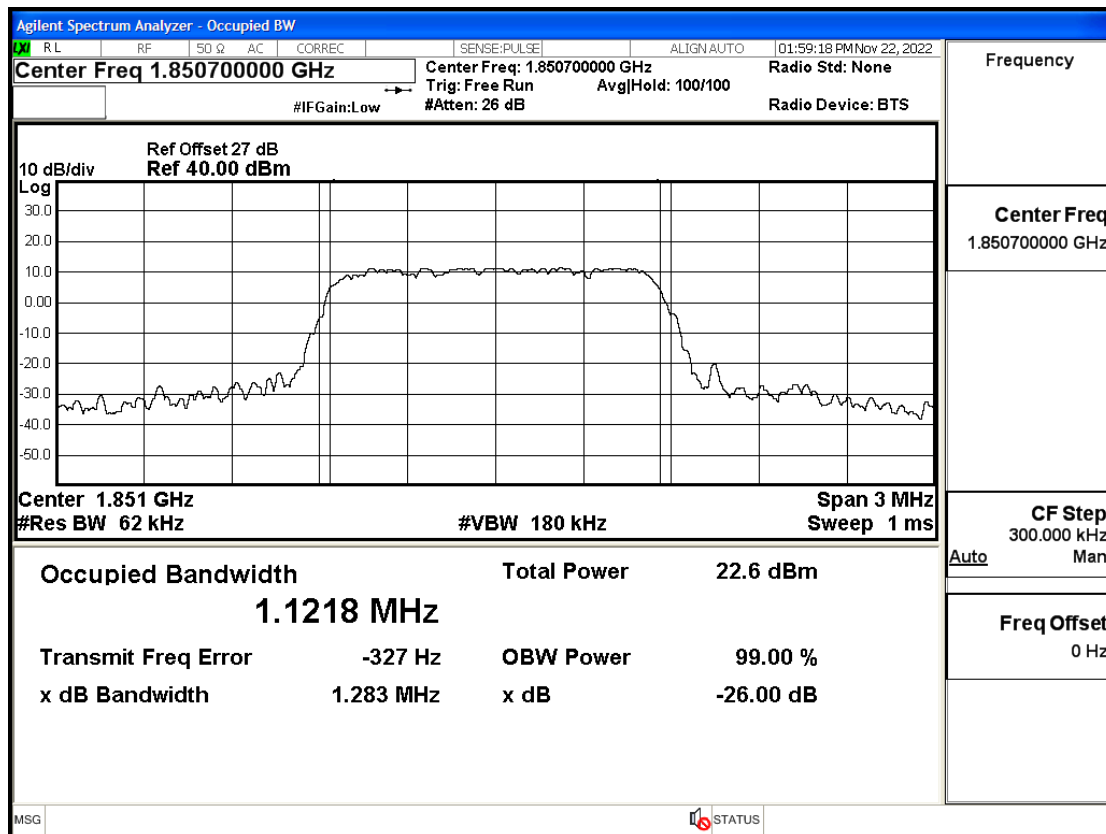
OB2-20-1900-Q16-100#LOW@13.6GHz-20GHz@Pass



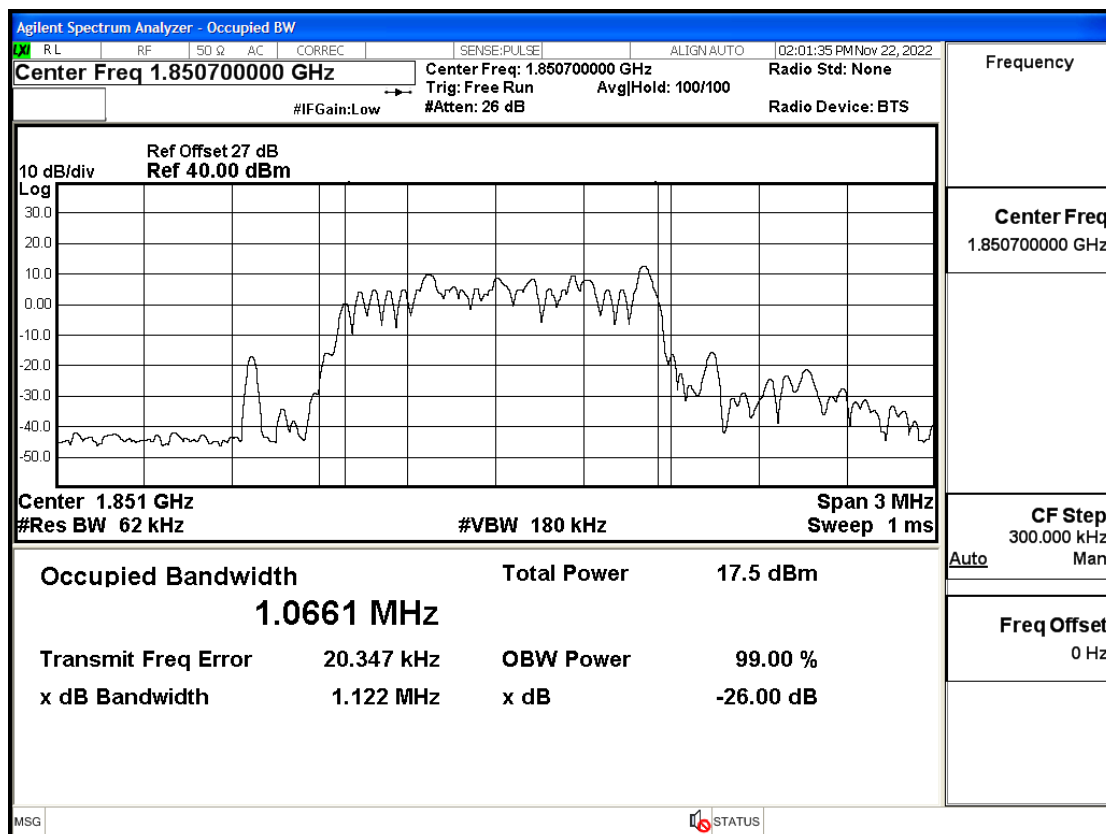
Emission bandwidth and OBW

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	1121.8	1283	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1066.1	1122	No limit
Band2	1.4	1880	QPSK	6	LOW	1116.9	1294	No limit
Band2	1.4	1880	16QAM	6	LOW	1107.9	1294	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1113.3	1274	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1112.8	1290	No limit
Band2	3	1851.5	QPSK	15	LOW	2772.9	3106	No limit
Band2	3	1851.5	16QAM	15	LOW	2740.5	3075	No limit
Band2	3	1880	QPSK	15	LOW	2756	3092	No limit
Band2	3	1880	16QAM	15	LOW	2759.5	3094	No limit
Band2	3	1908.5	QPSK	15	LOW	2772	3077	No limit
Band2	3	1908.5	16QAM	15	LOW	2758.6	3073	No limit
Band2	5	1852.5	QPSK	25	LOW	4591.8	5072	No limit
Band2	5	1852.5	16QAM	25	LOW	4568.8	5078	No limit
Band2	5	1880	QPSK	25	LOW	4577.1	5036	No limit
Band2	5	1880	16QAM	25	LOW	4591.1	5063	No limit
Band2	5	1907.5	QPSK	25	LOW	4587.3	5070	No limit
Band2	5	1907.5	16QAM	25	LOW	4543.3	5118	No limit
Band2	10	1855	QPSK	50	LOW	9132.6	10060	No limit
Band2	10	1855	16QAM	50	LOW	9109.2	10000	No limit
Band2	10	1880	QPSK	50	LOW	9122.2	10150	No limit
Band2	10	1880	16QAM	50	LOW	9101.7	10050	No limit
Band2	10	1905	QPSK	50	LOW	9081.7	10020	No limit
Band2	10	1905	16QAM	50	LOW	9098.1	10060	No limit
Band2	15	1857.5	QPSK	75	LOW	13705	15140	No limit
Band2	15	1857.5	16QAM	75	LOW	13637	15260	No limit
Band2	15	1880	QPSK	75	LOW	13737	15300	No limit
Band2	15	1880	16QAM	75	LOW	13717	15350	No limit
Band2	15	1902.5	QPSK	75	LOW	13656	15300	No limit
Band2	15	1902.5	16QAM	75	LOW	13631	15170	No limit
Band2	20	1860	QPSK	100	LOW	18218	20060	No limit
Band2	20	1860	16QAM	100	LOW	18168	19970	No limit
Band2	20	1880	QPSK	100	LOW	18273	20220	No limit
Band2	20	1880	16QAM	100	LOW	18261	19950	No limit
Band2	20	1900	QPSK	100	LOW	18162	19940	No limit
Band2	20	1900	16QAM	100	LOW	18189	20180	No limit

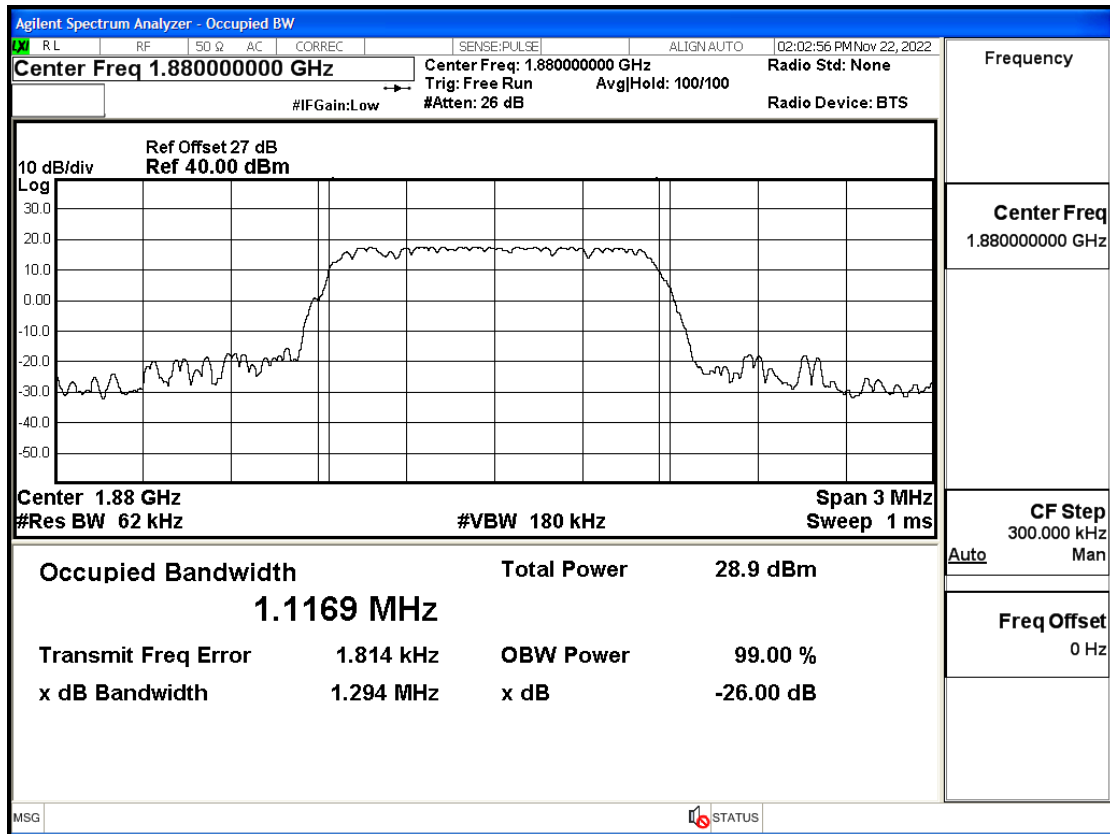
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



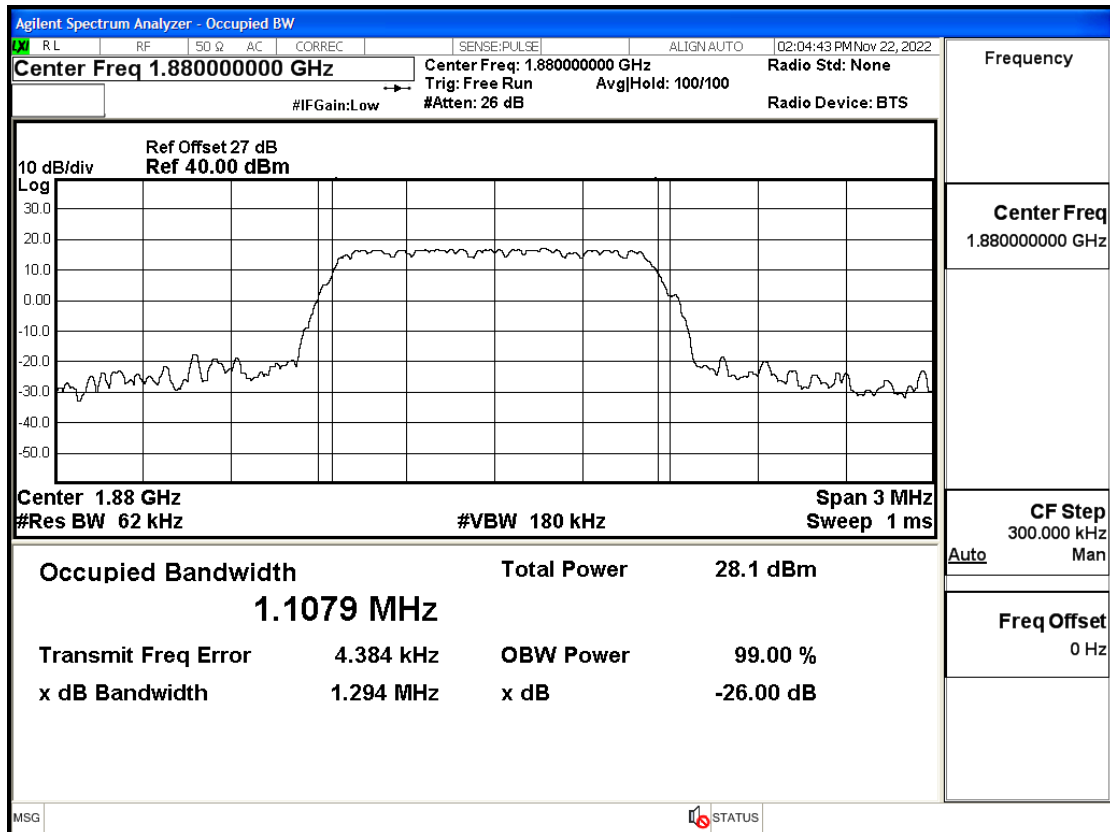
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



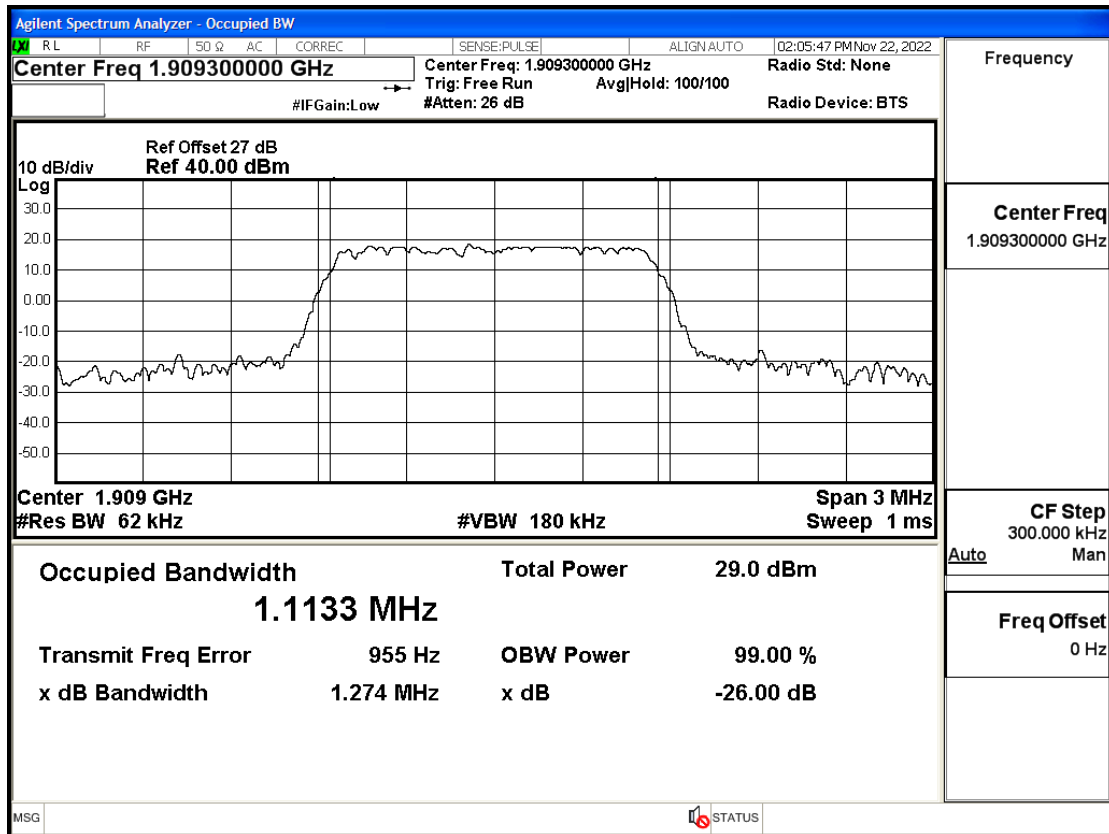
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



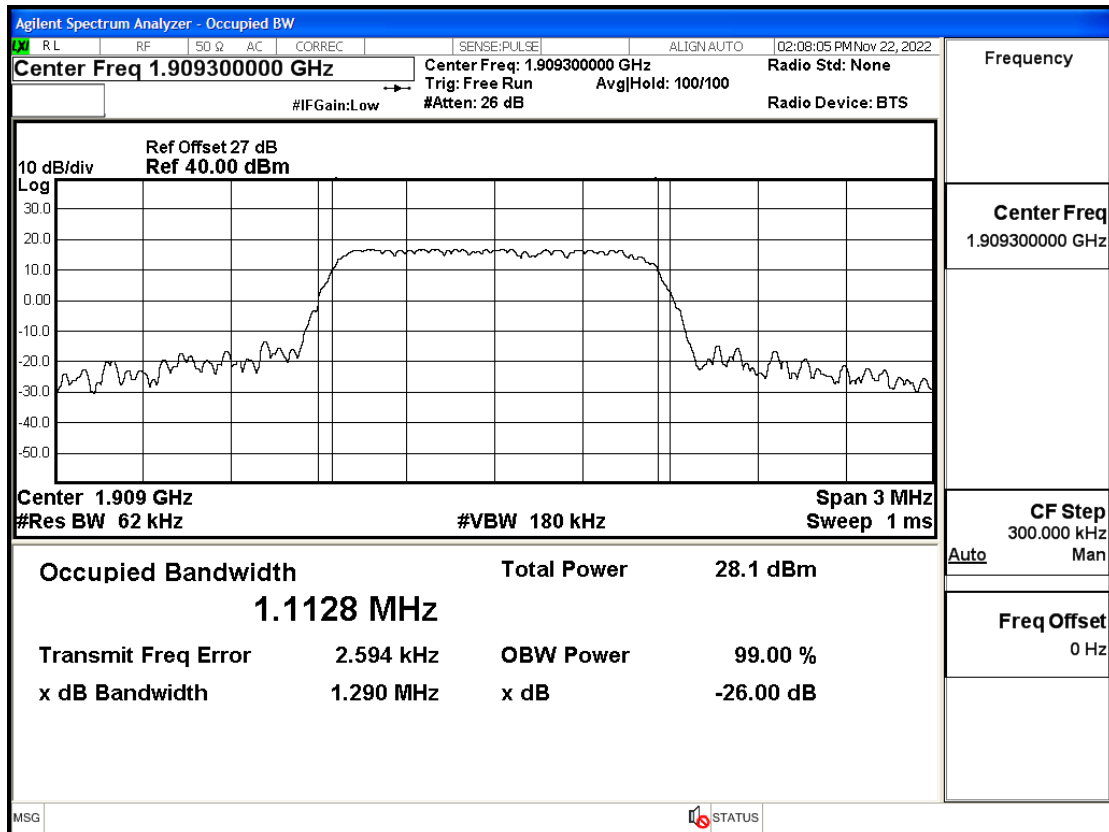
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



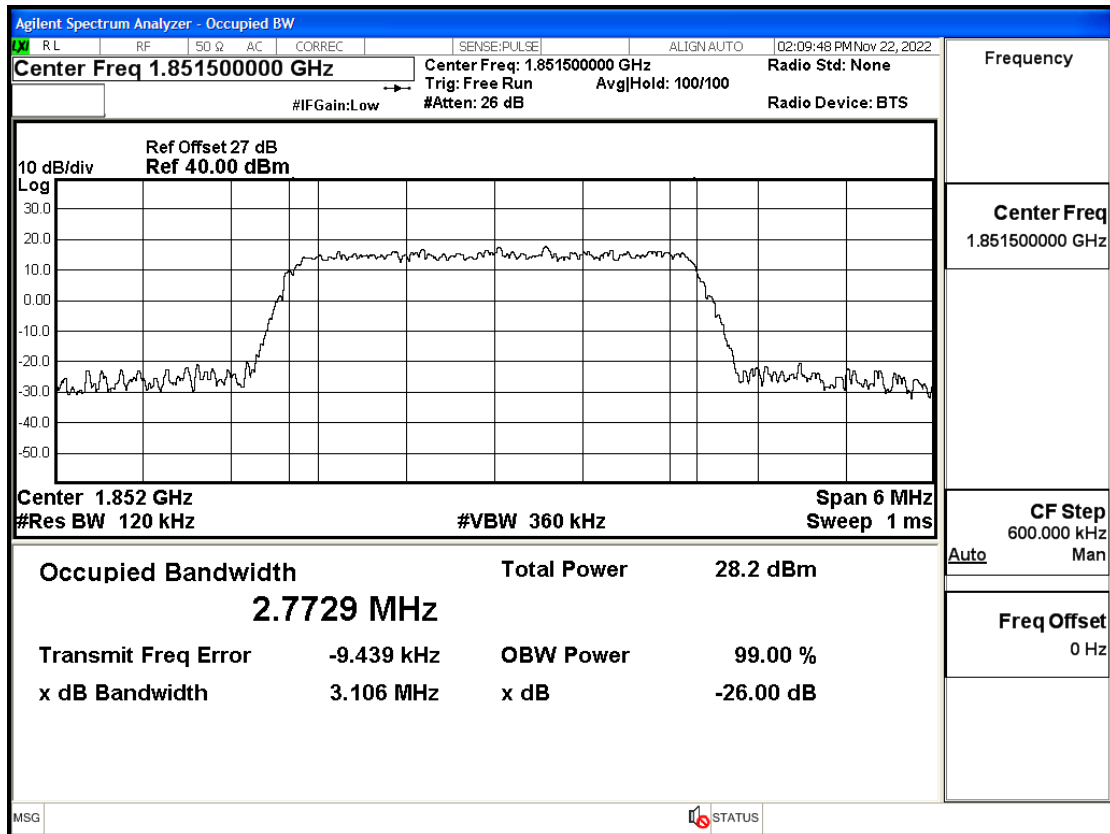
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



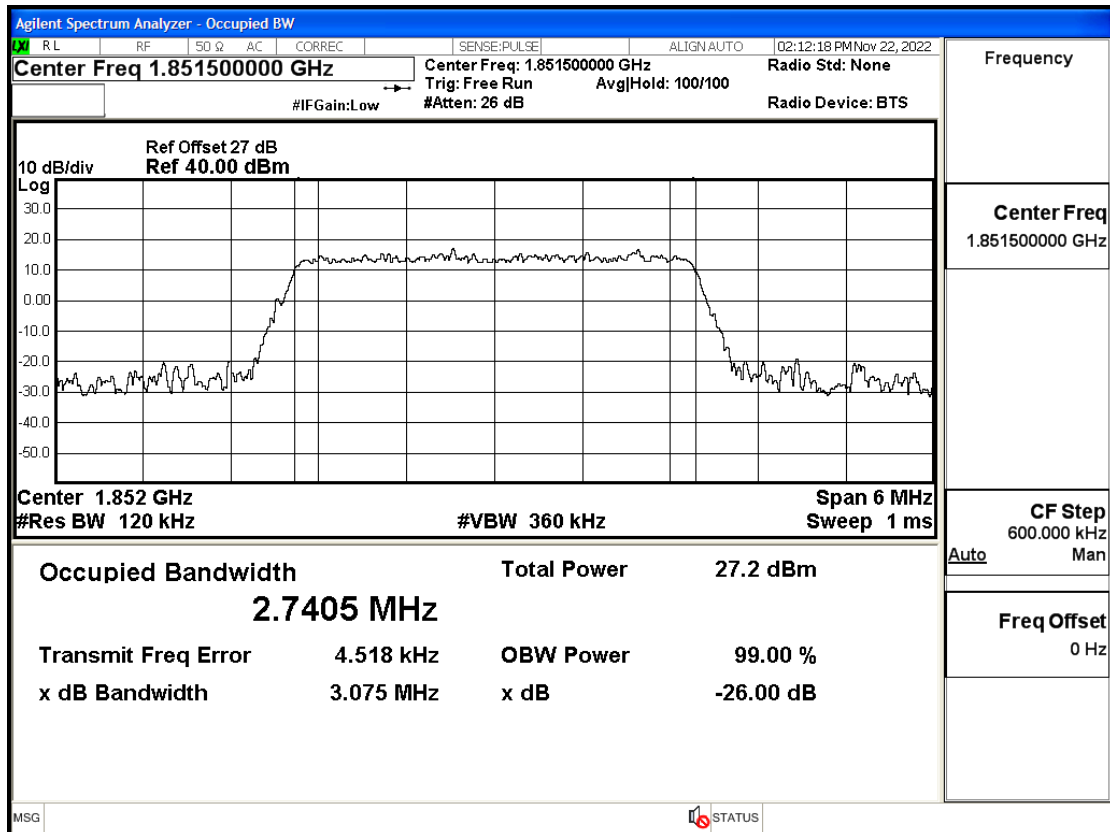
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



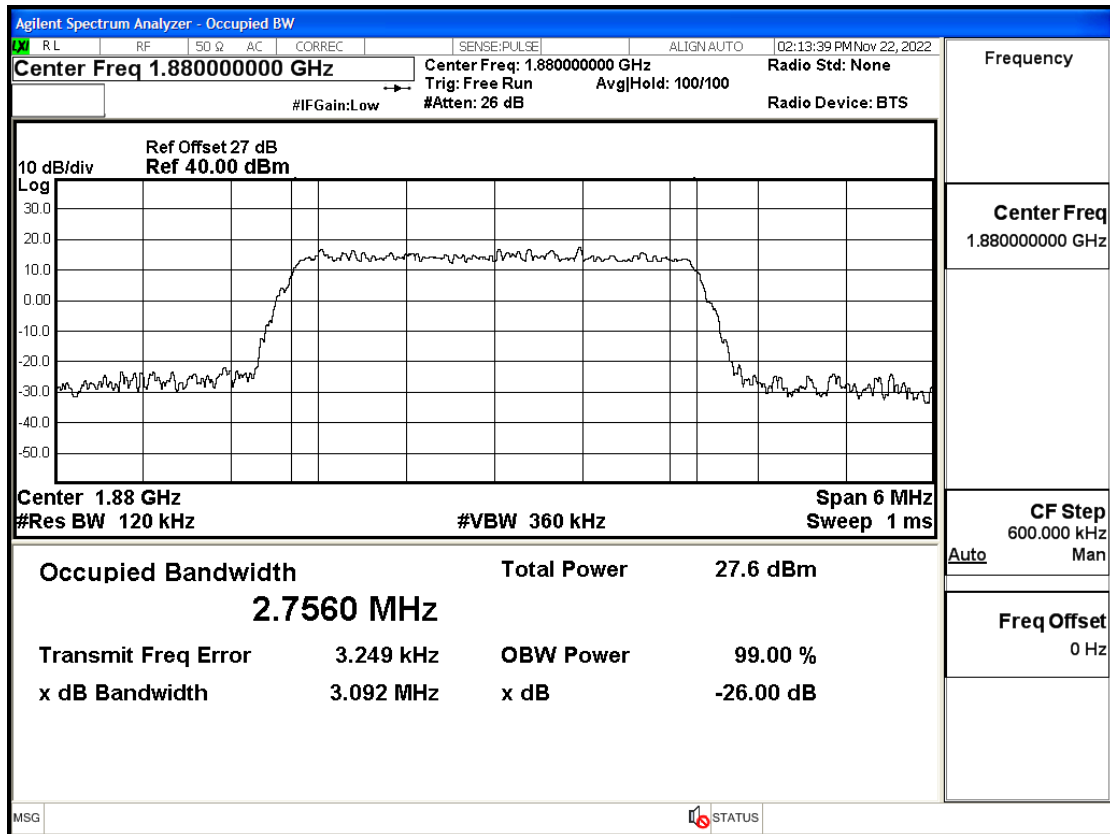
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



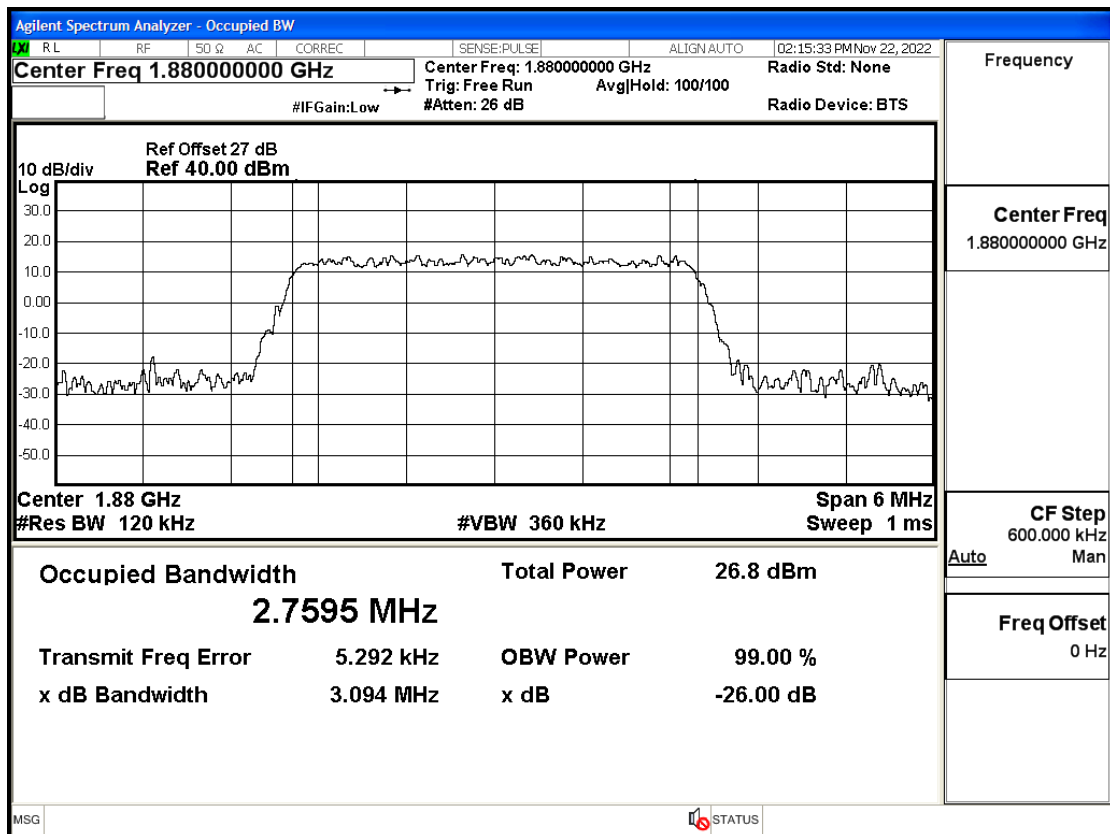
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



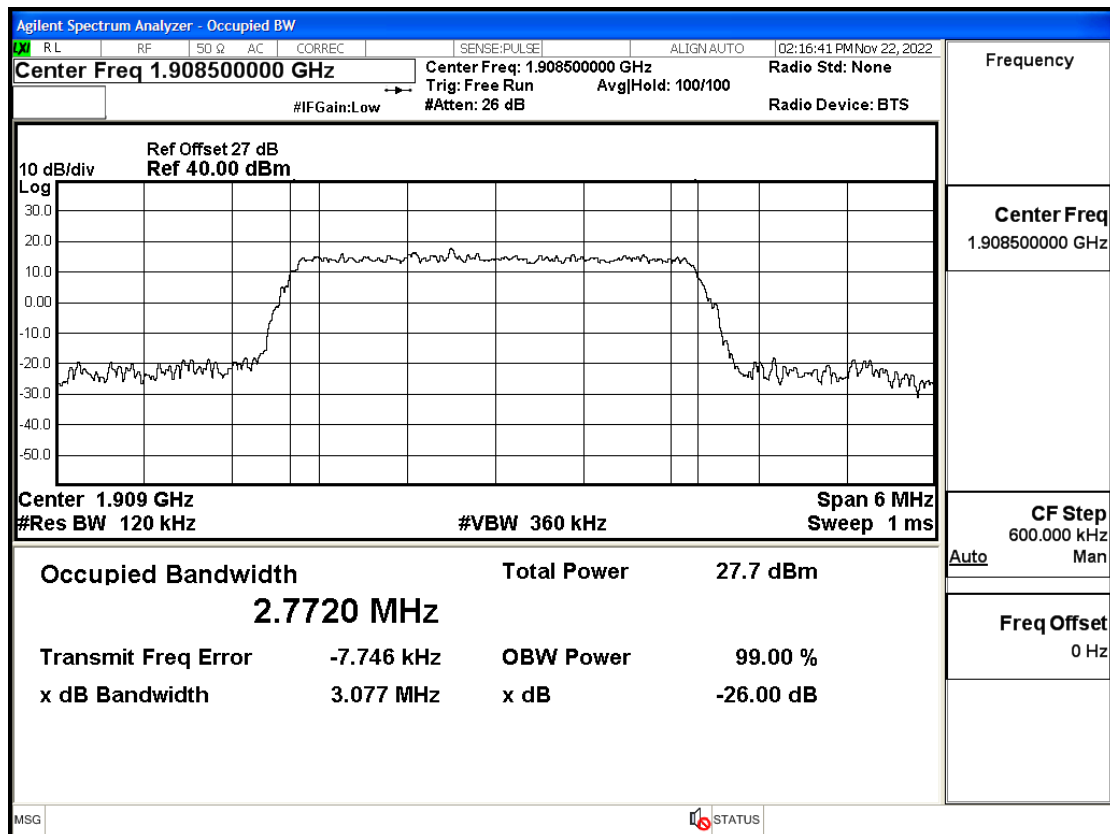
Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth



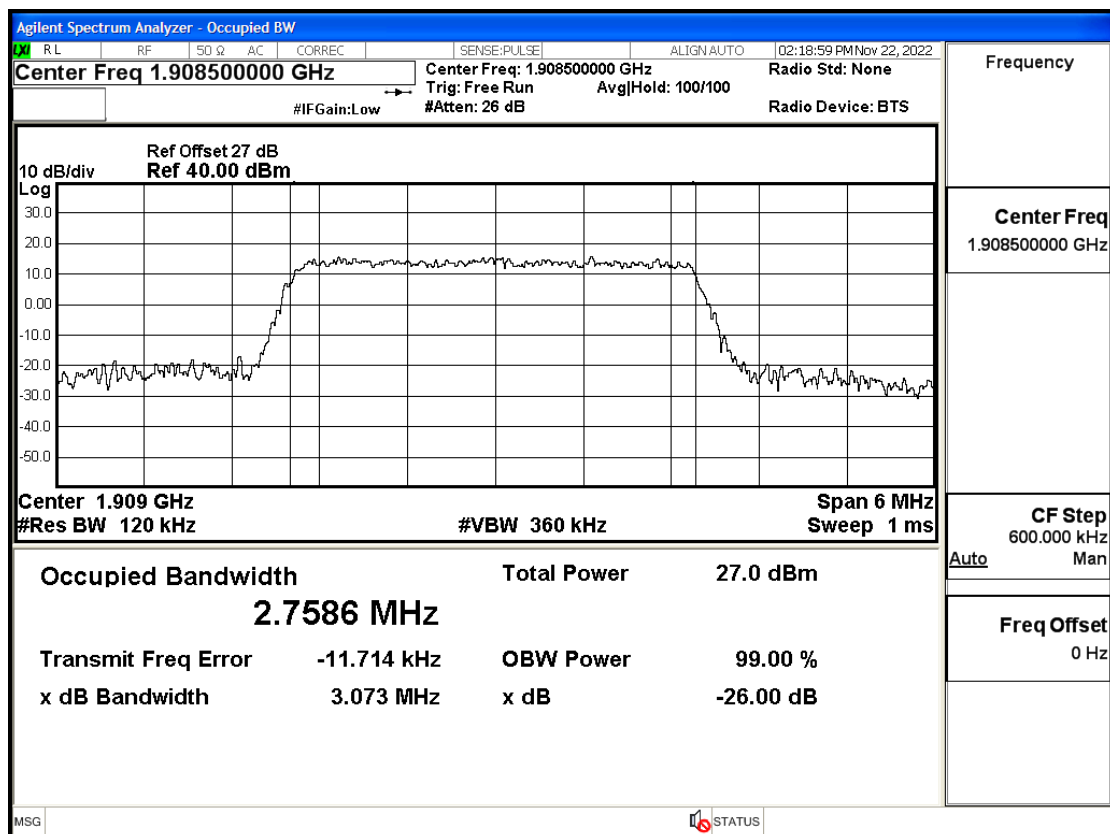
Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth



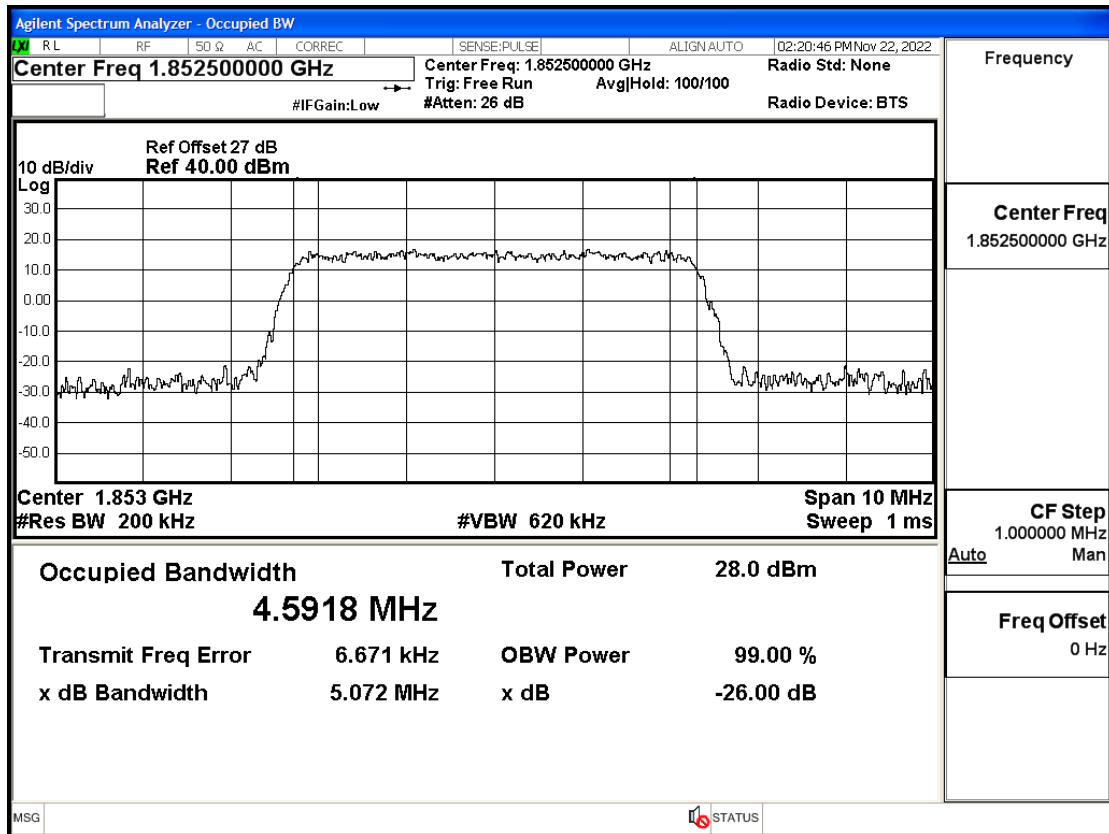
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



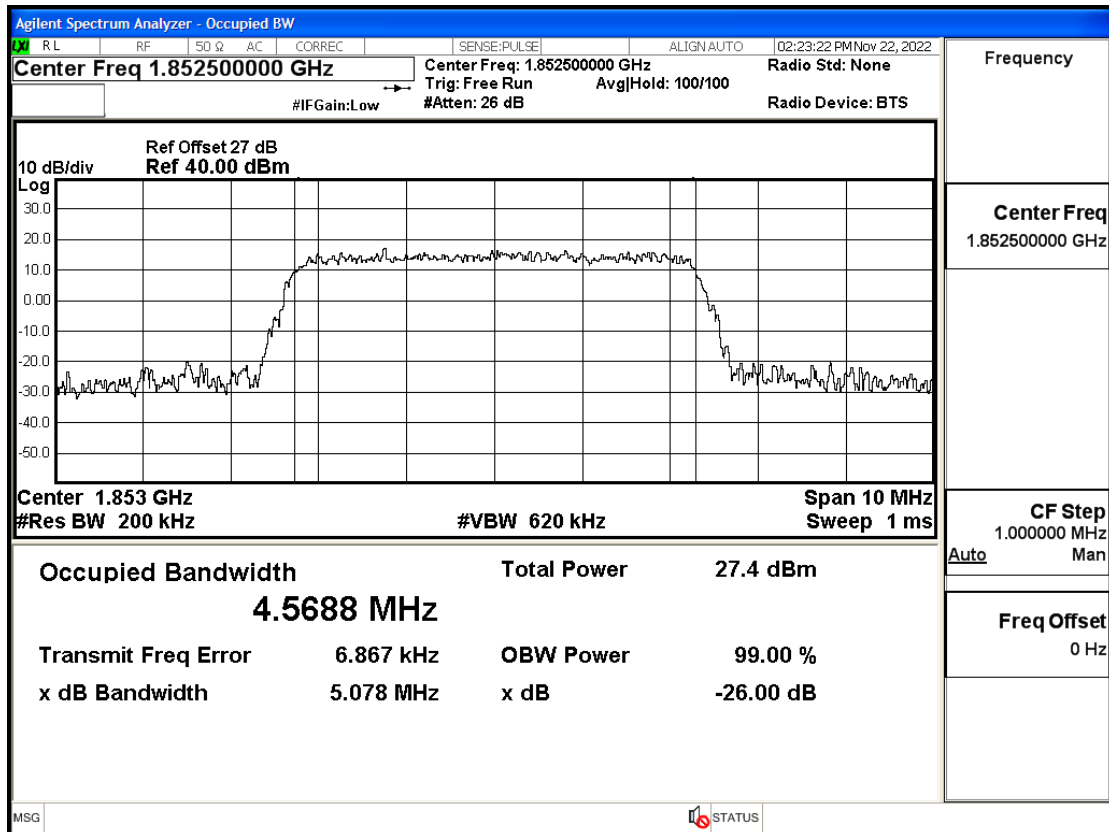
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



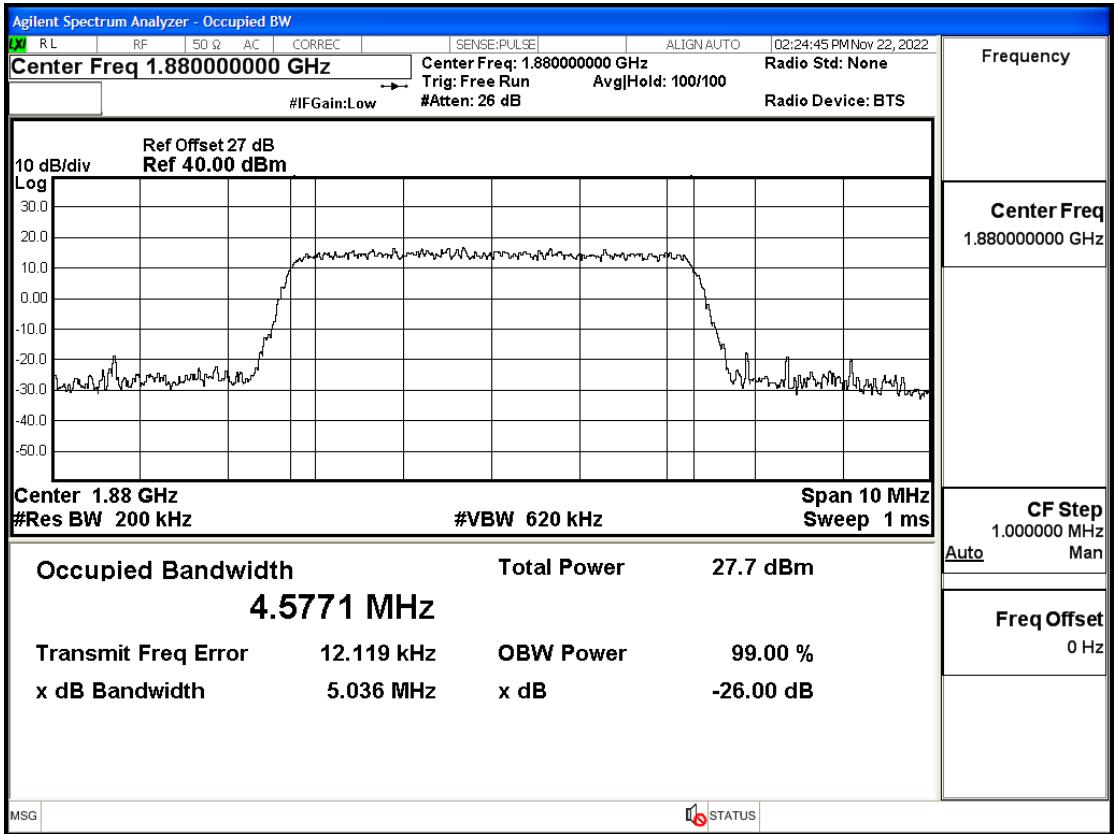
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



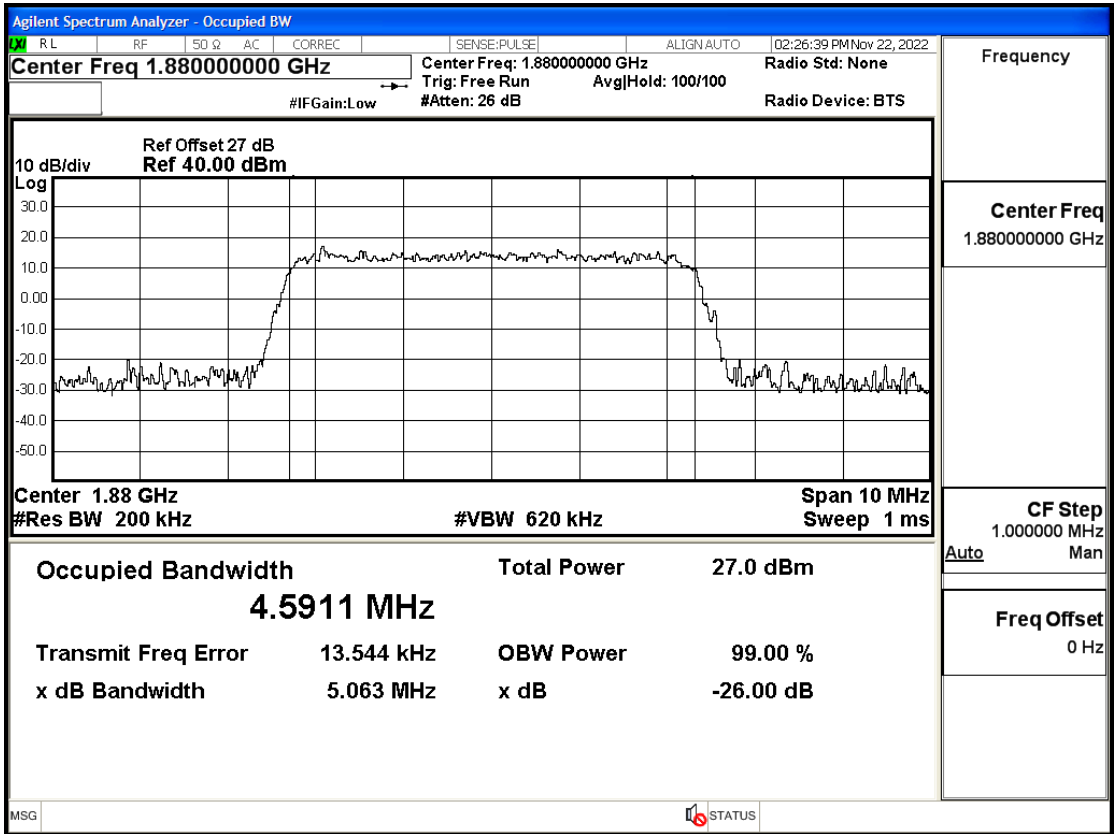
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



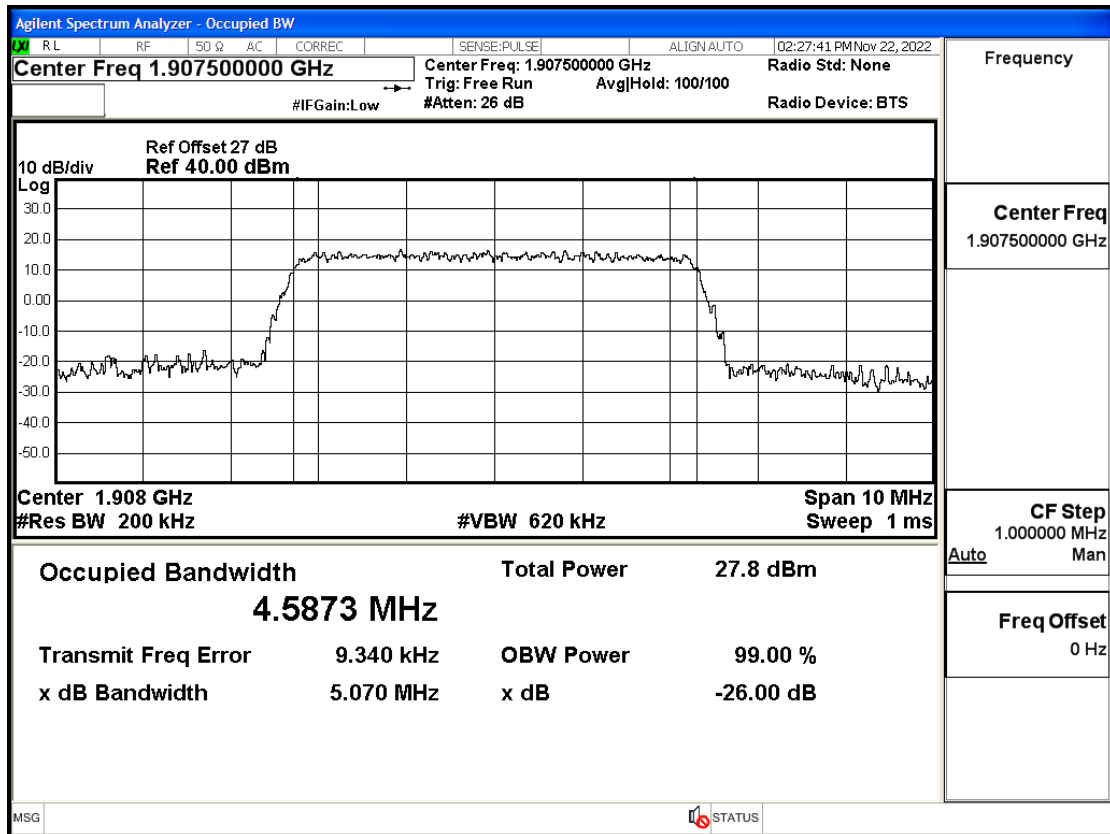
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



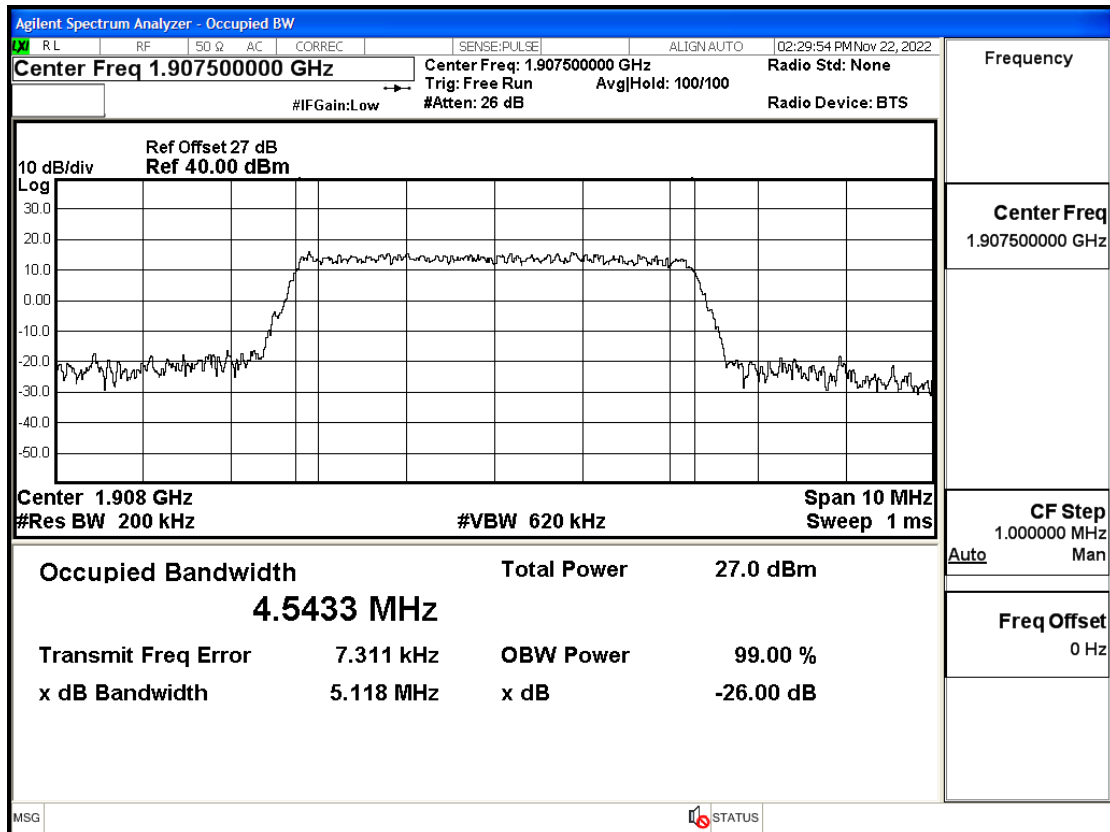
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



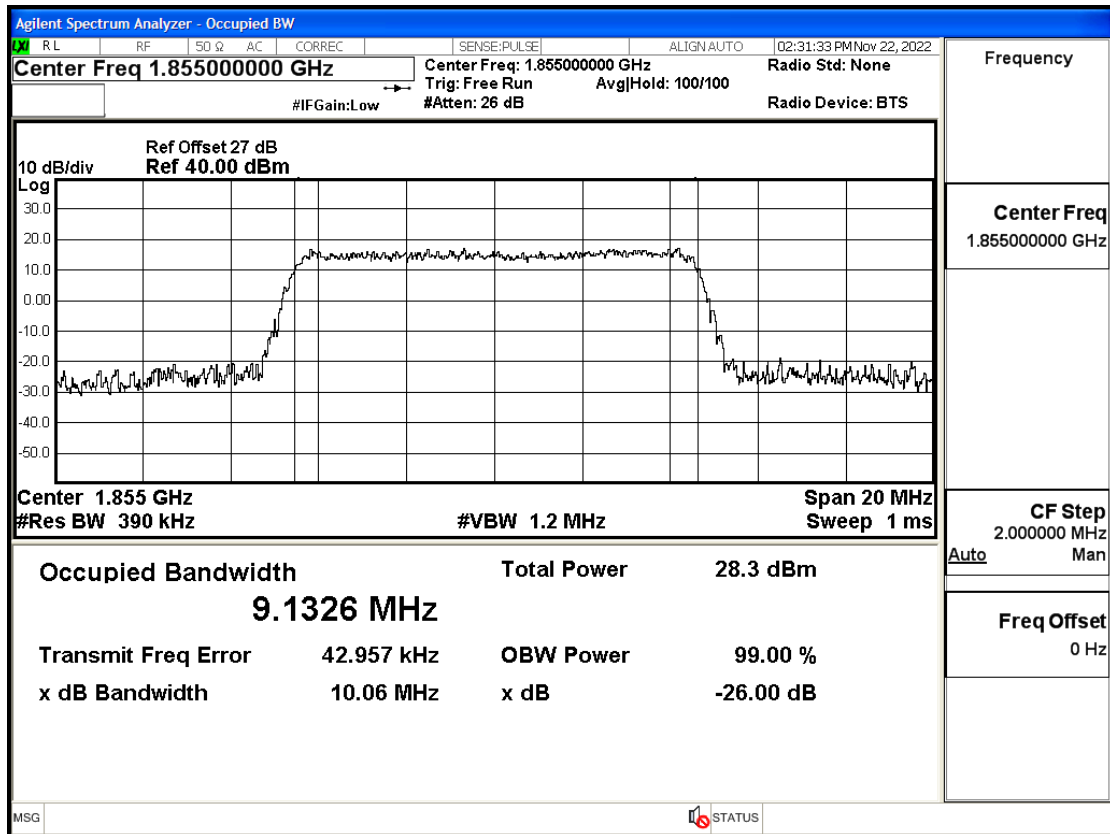
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



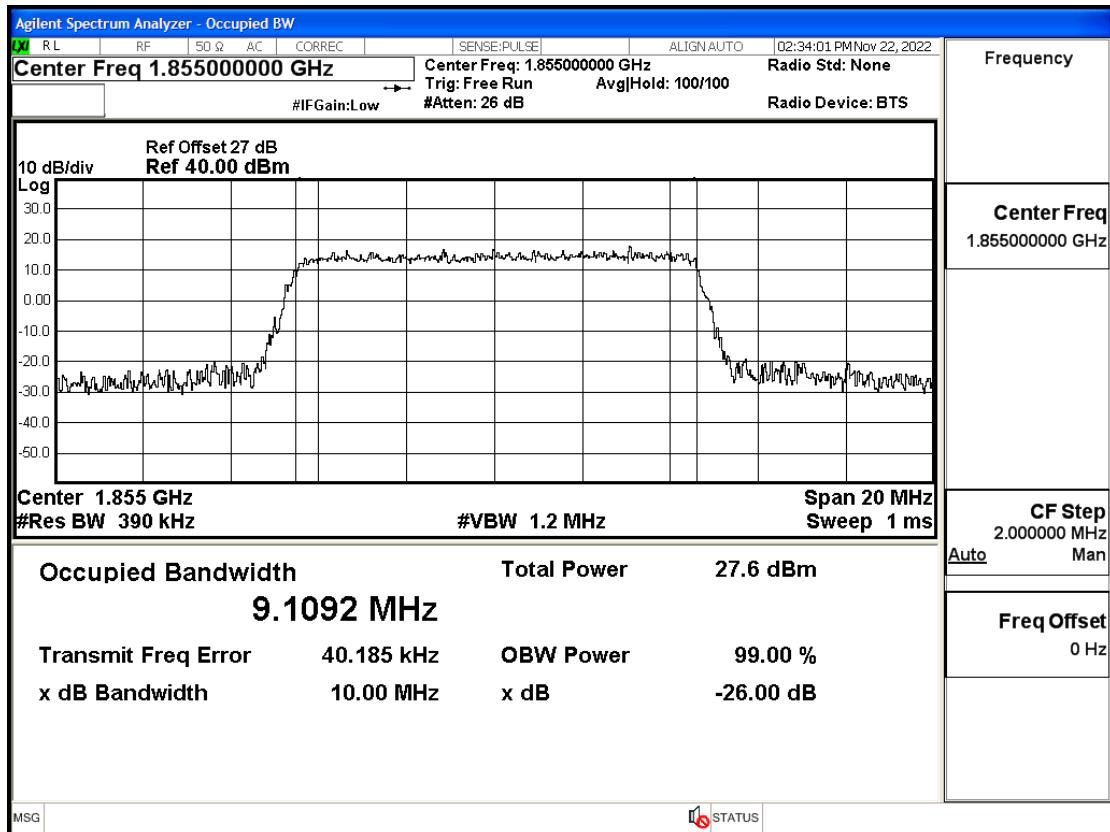
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



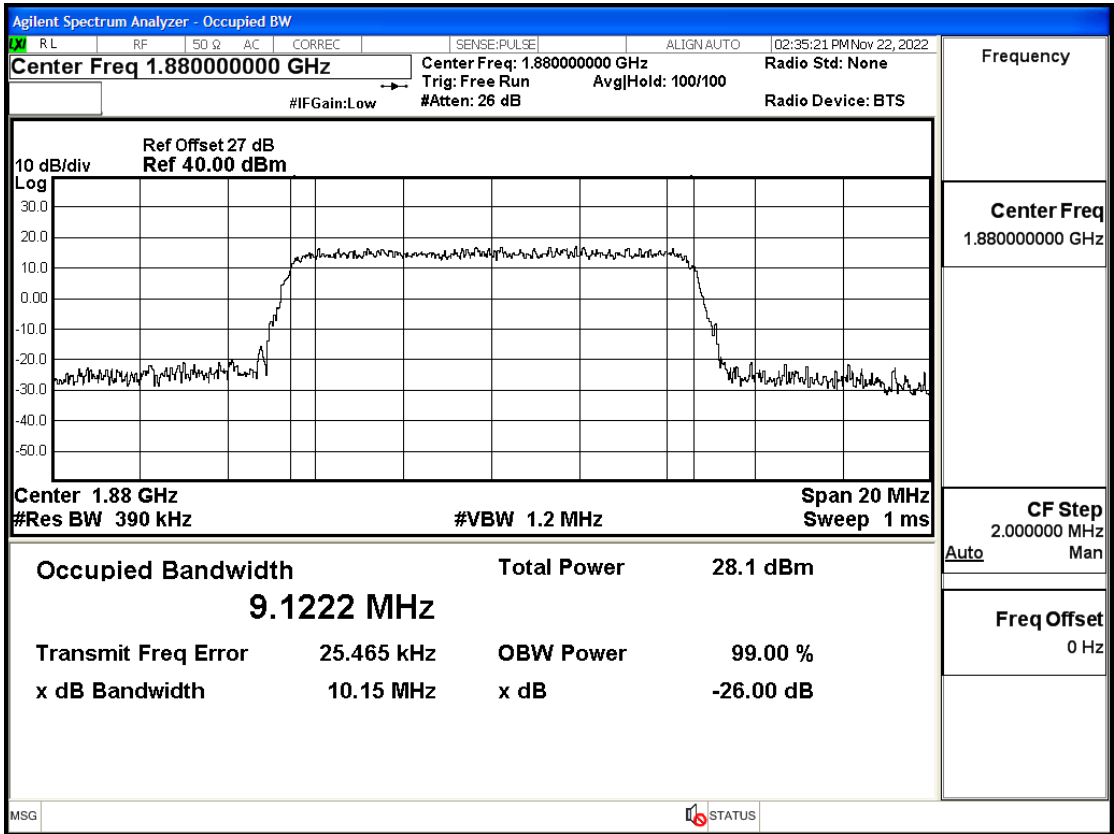
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



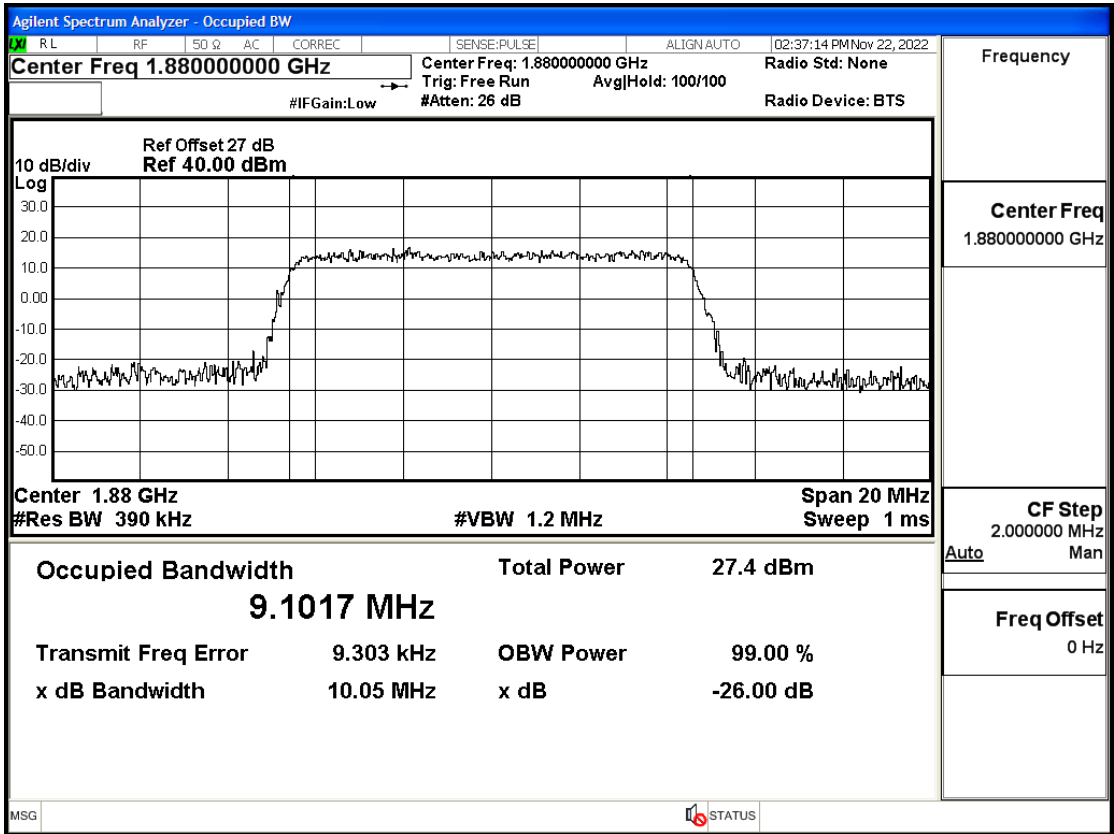
Band2-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



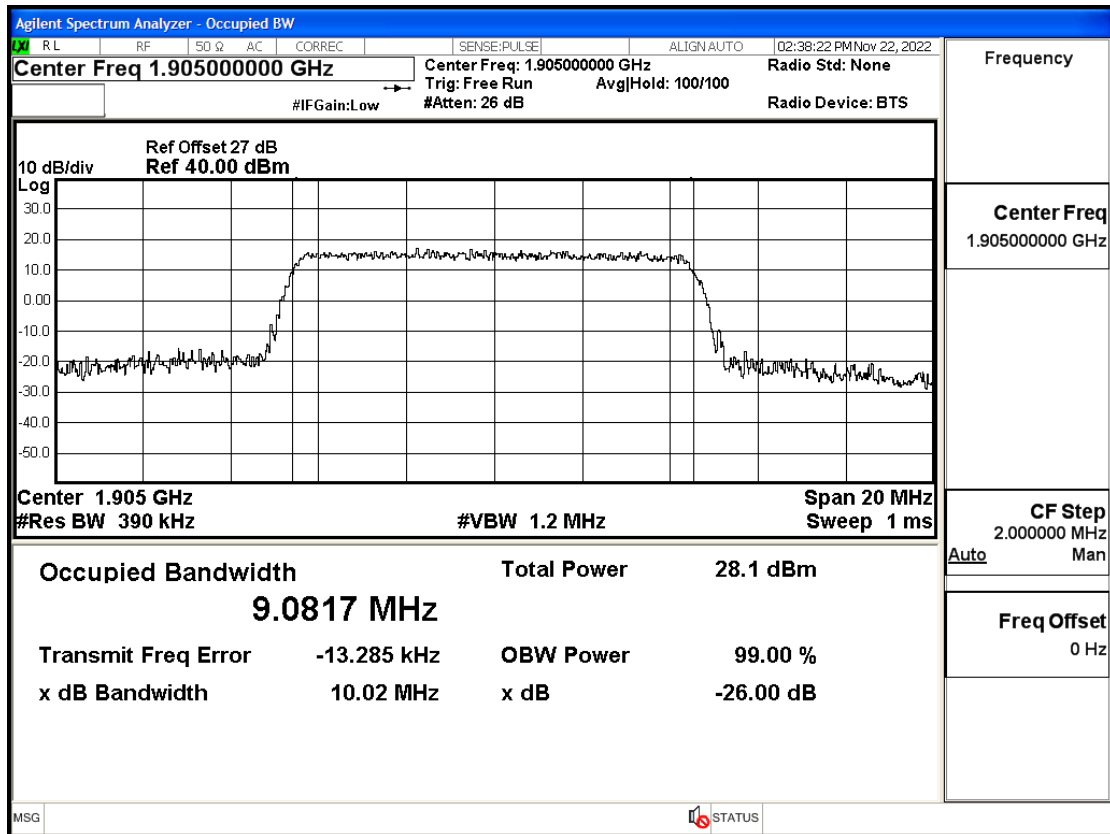
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



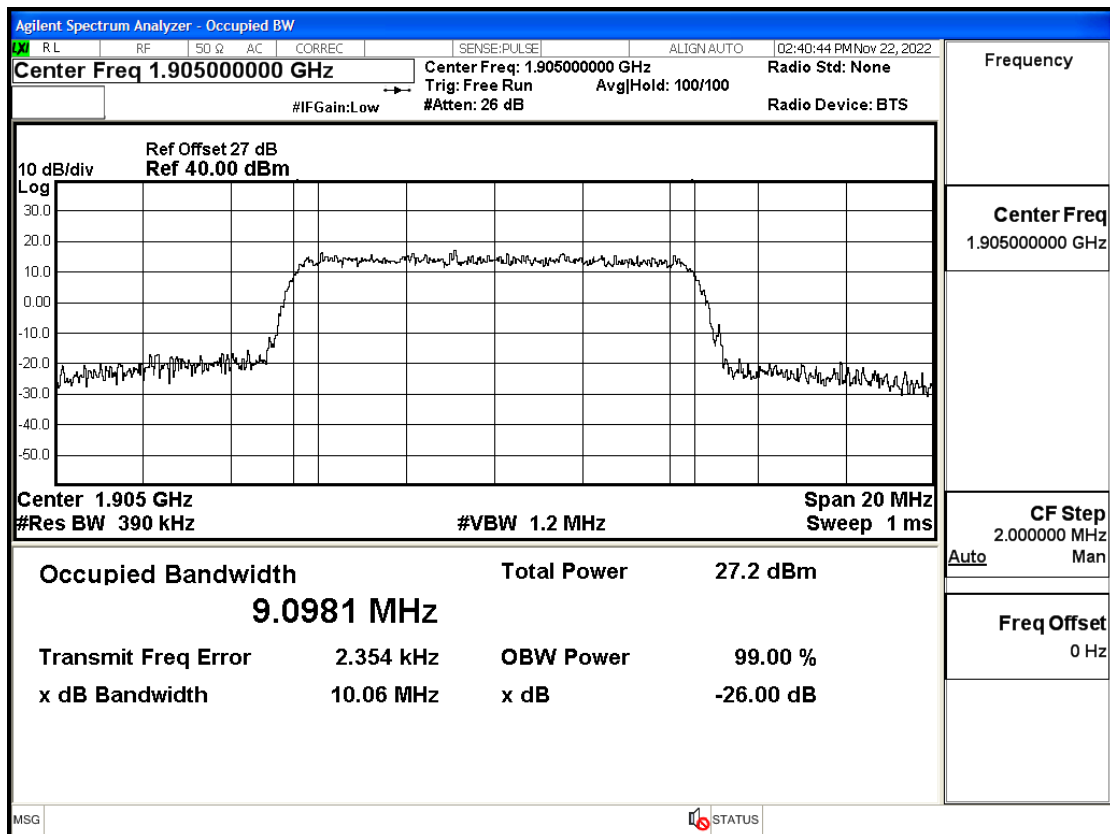
Band2-10-1880-16QAM-50#LOW@26dB and 99PCT Bandwidth



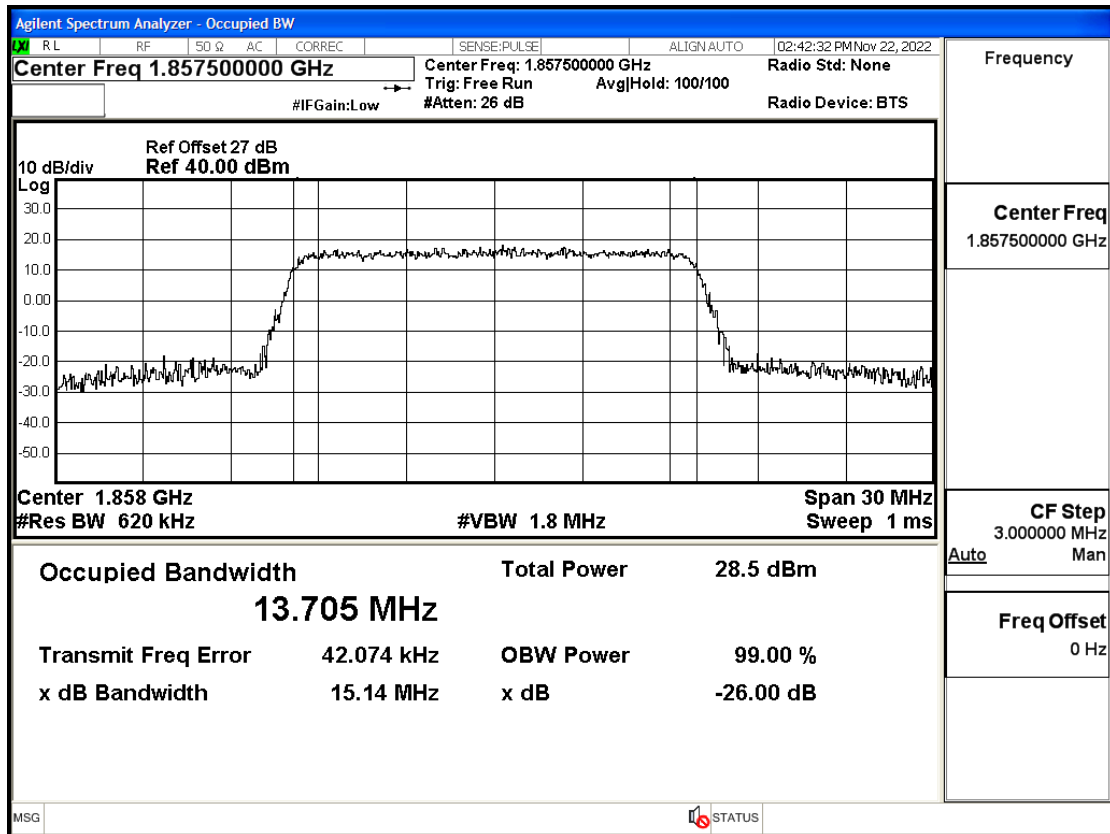
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



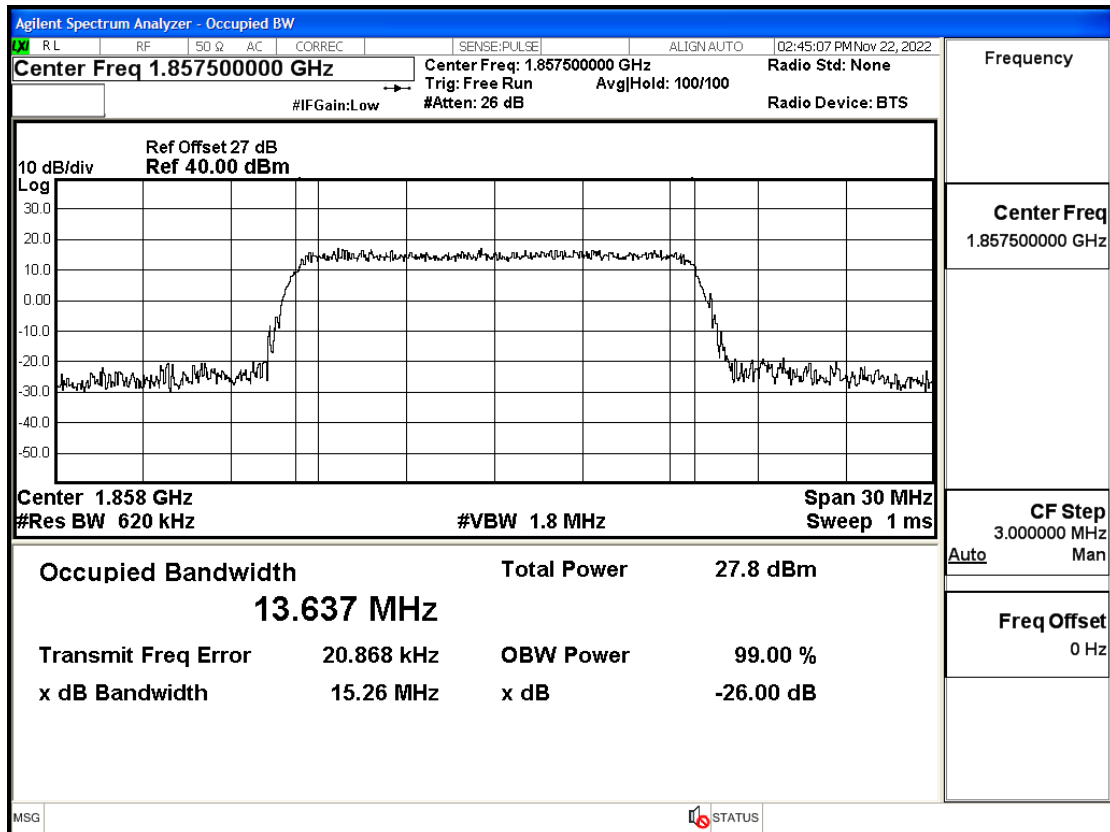
Band2-10-1905-16QAM-50#LOW@26dB and 99PCT Bandwidth



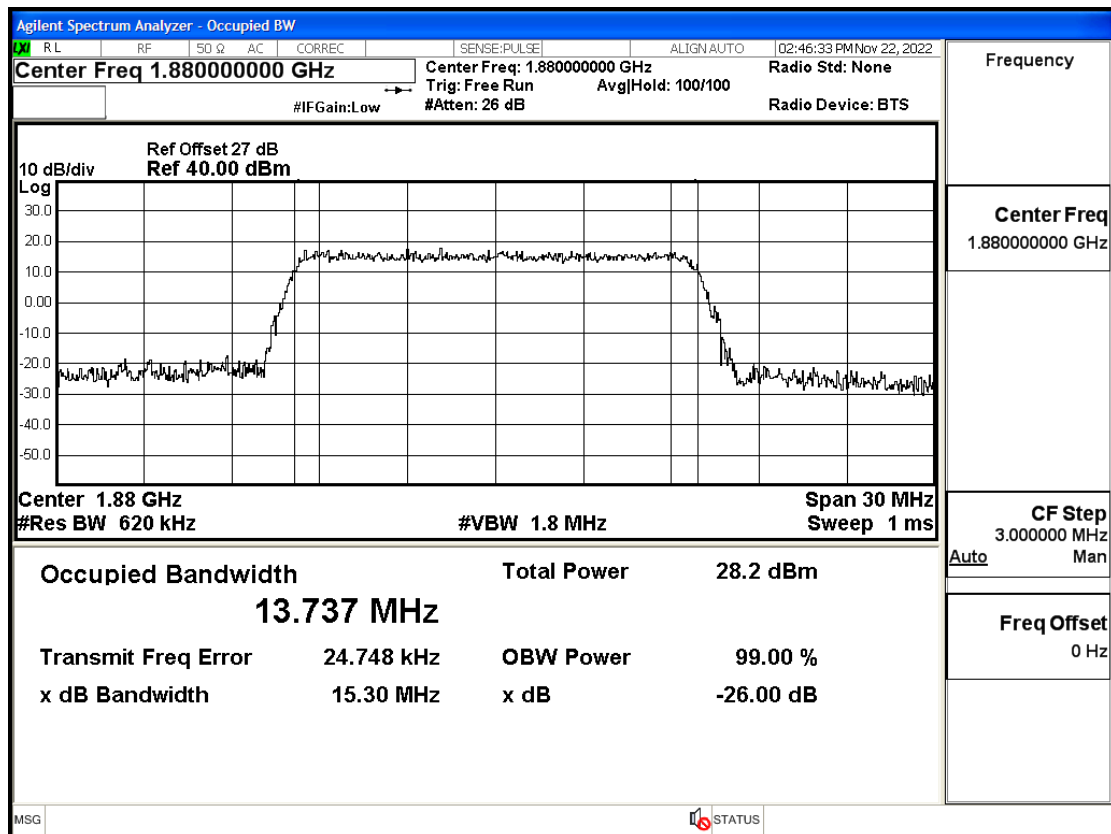
Band2-15-1857.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



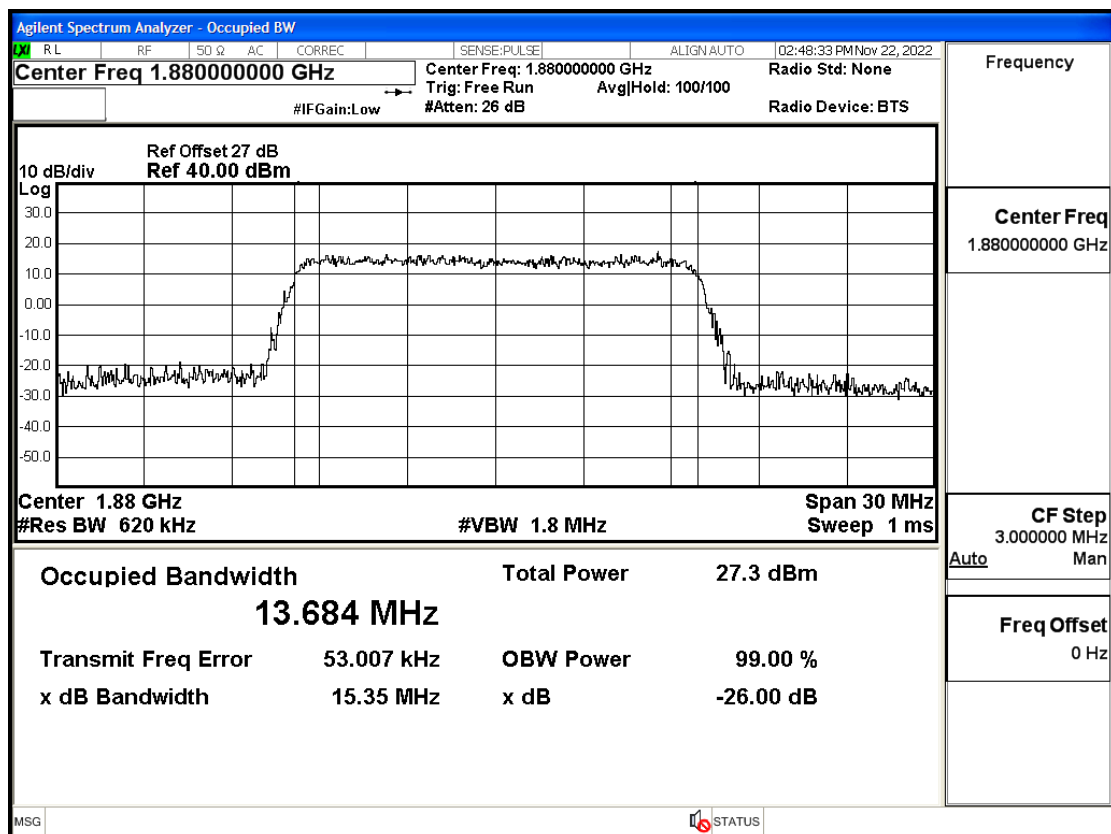
Band2-15-1857.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



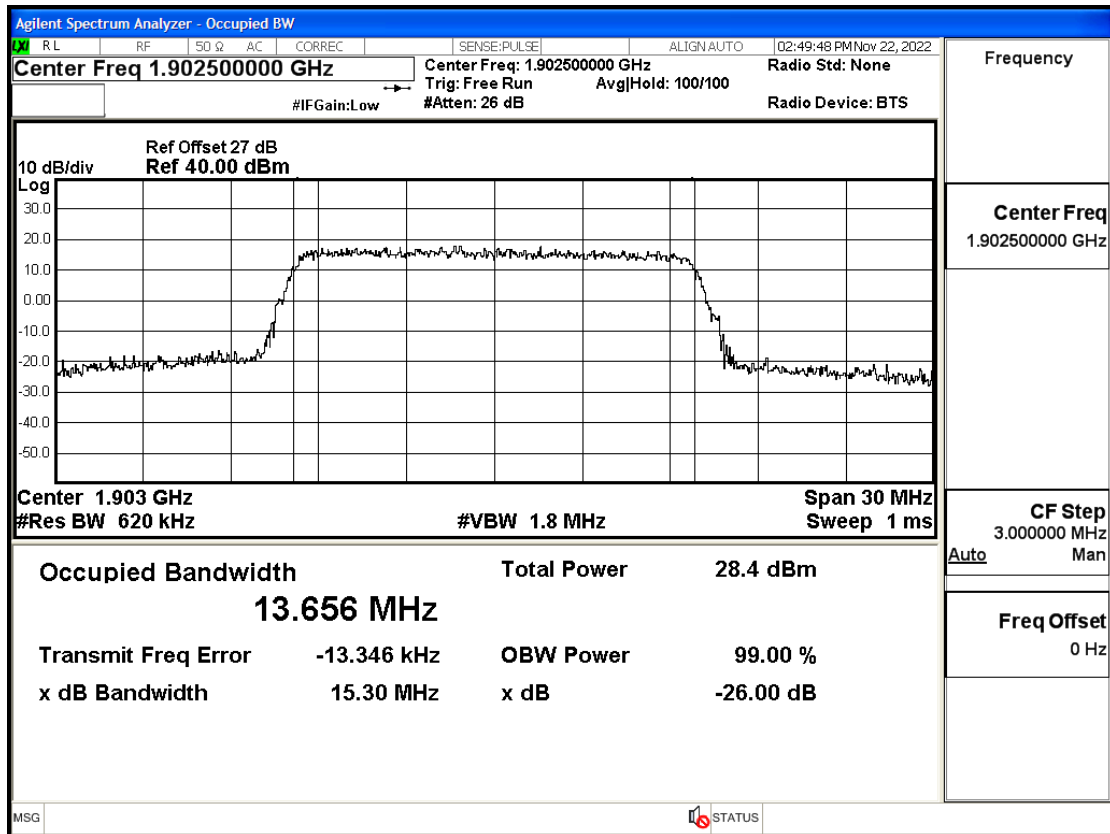
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



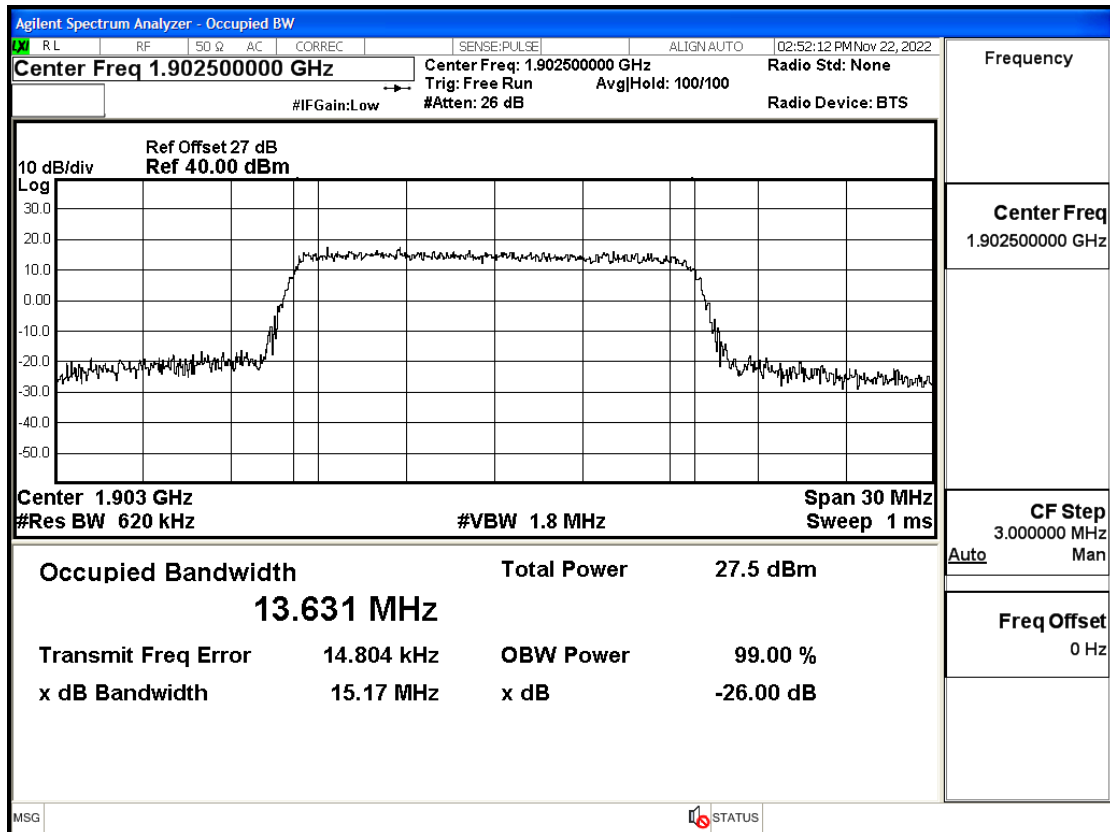
Band2-15-1880-16QAM-75#LOW@26dB and 99PCT Bandwidth



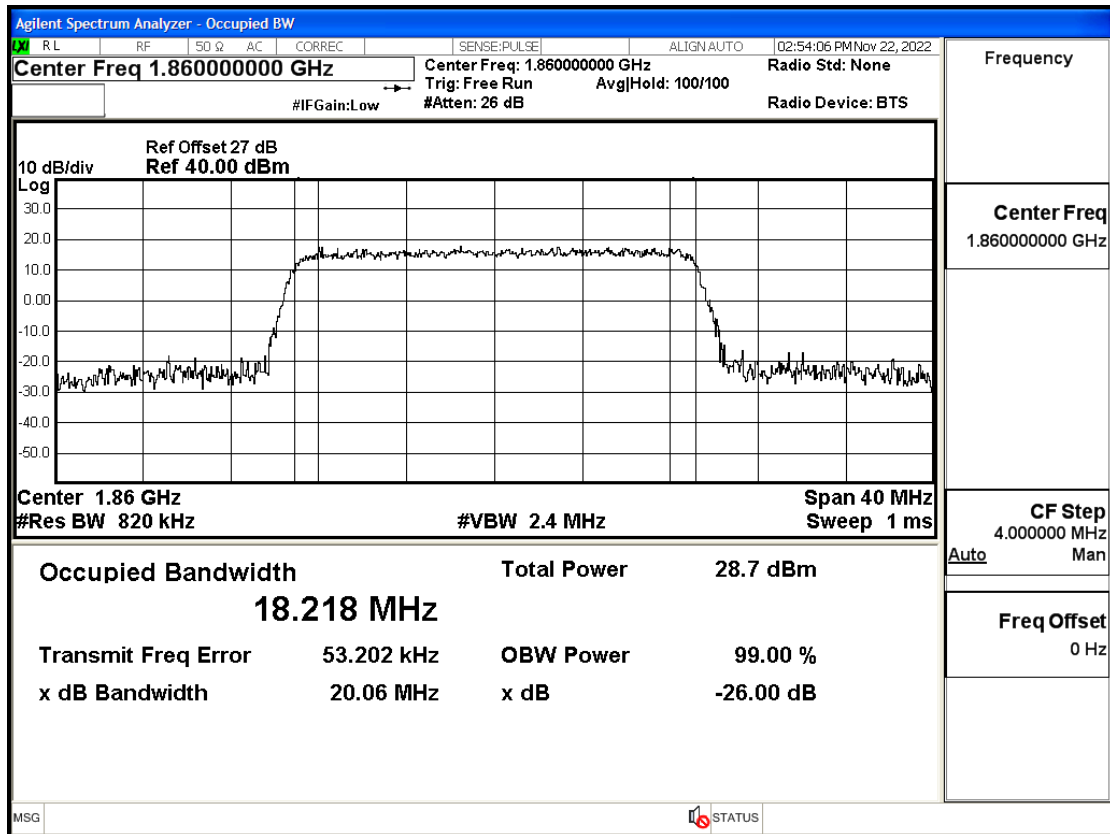
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



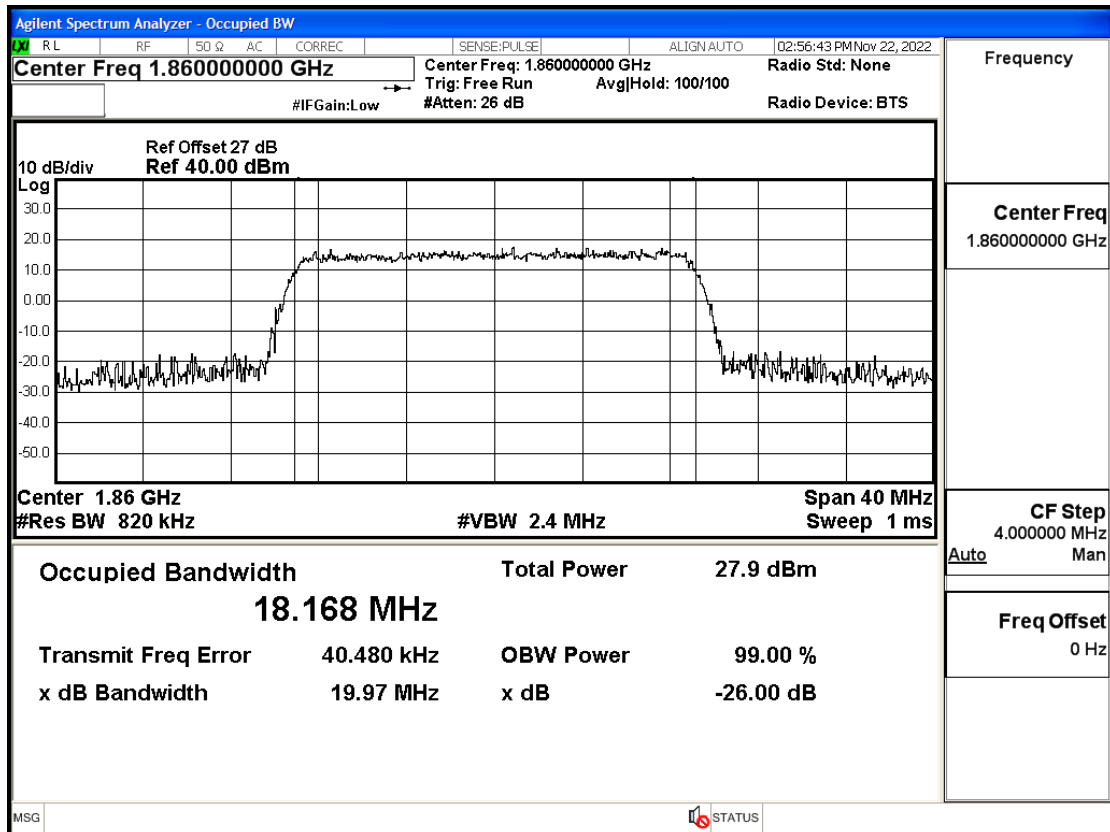
Band2-15-1902.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



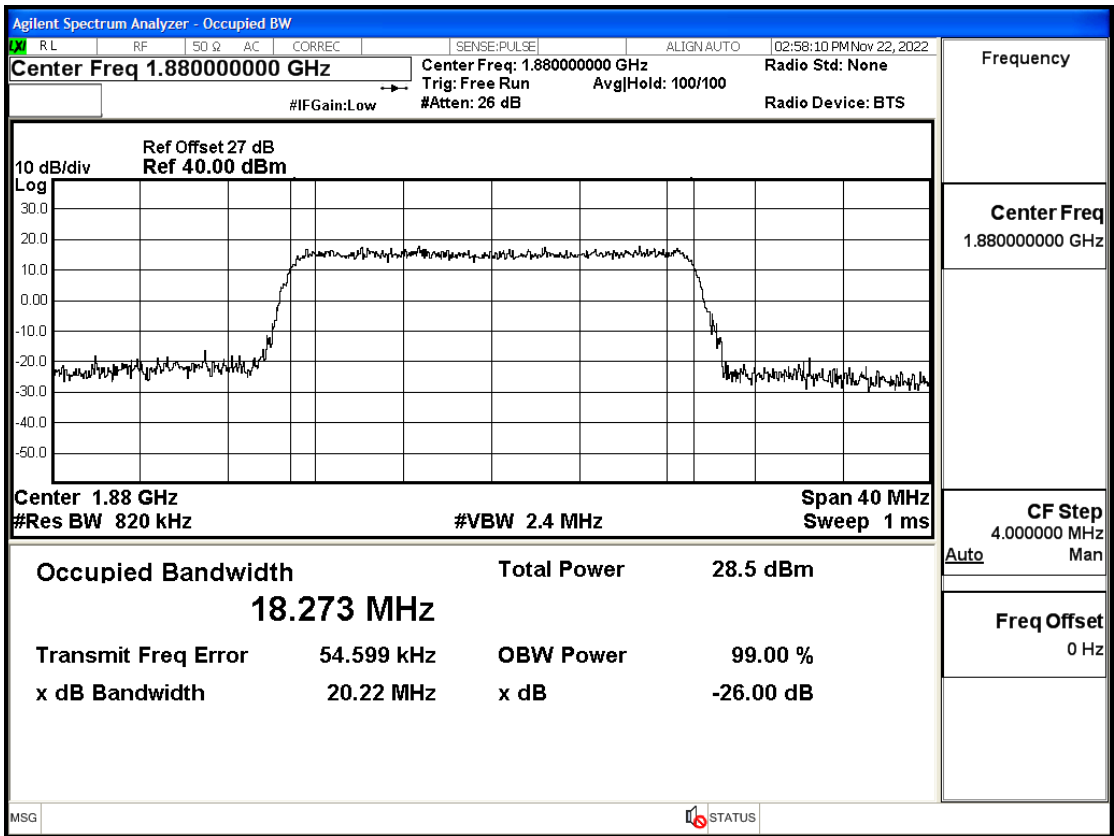
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



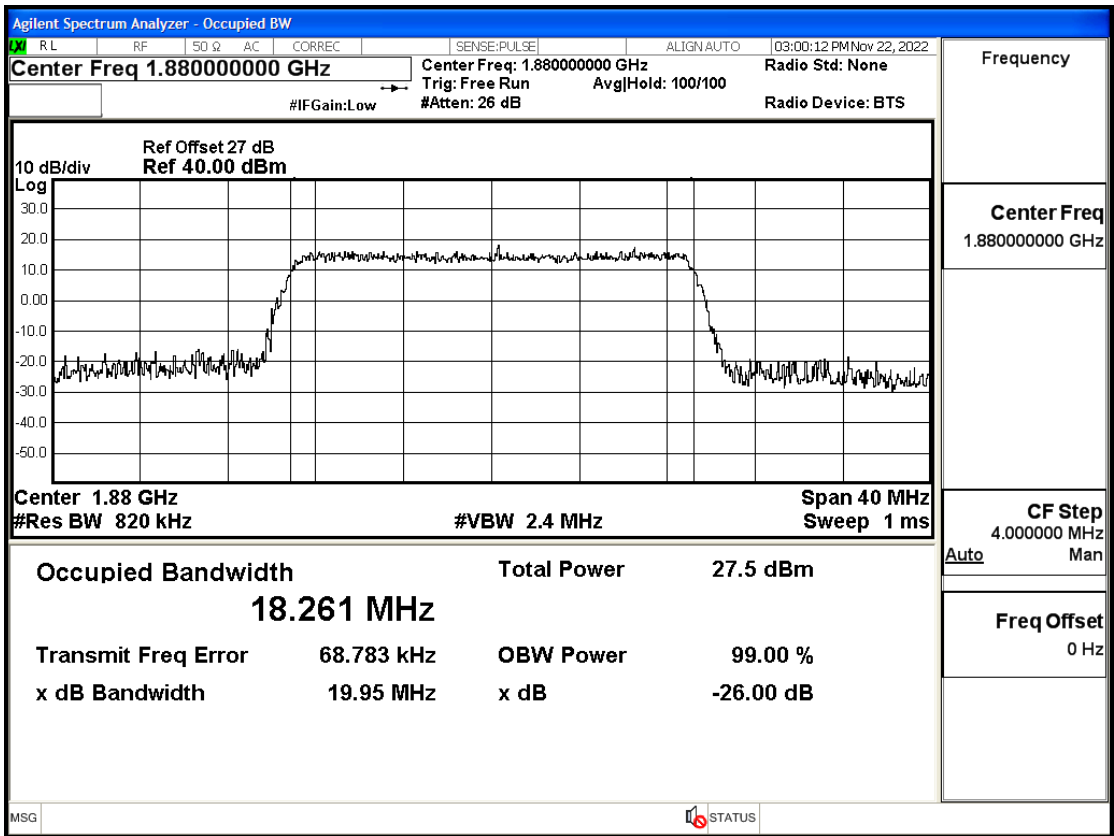
Band2-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth



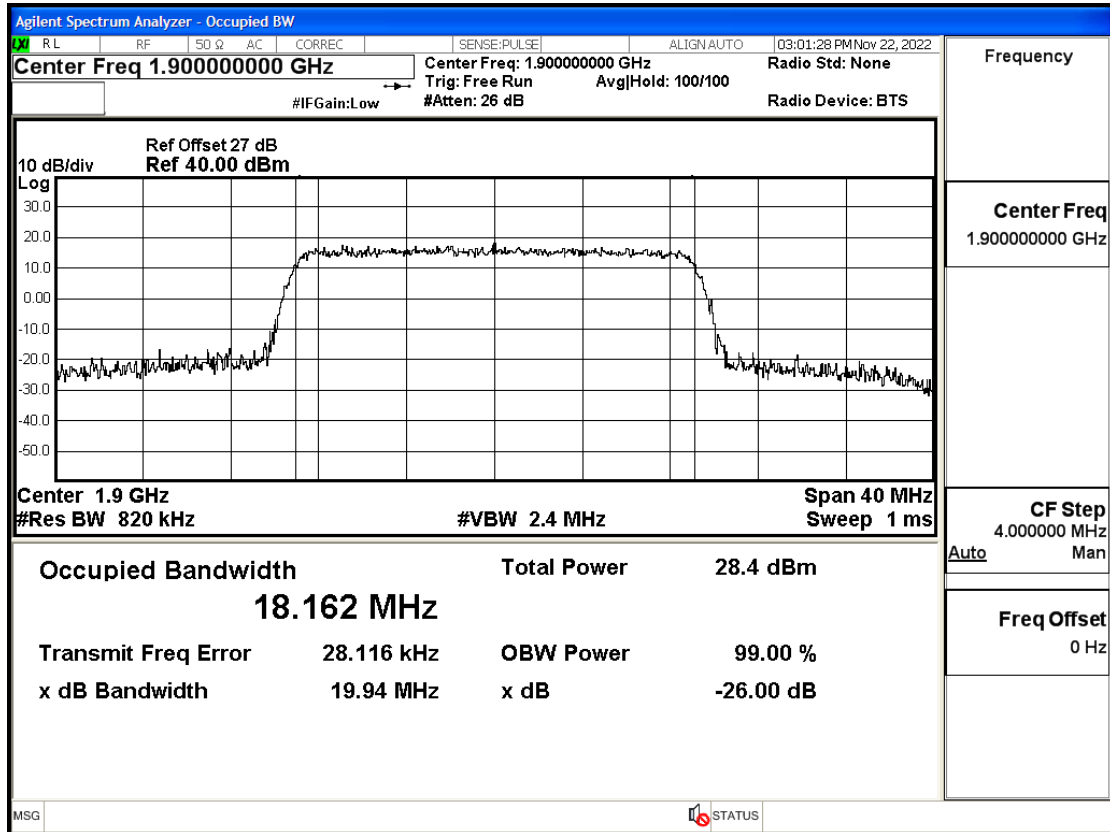
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



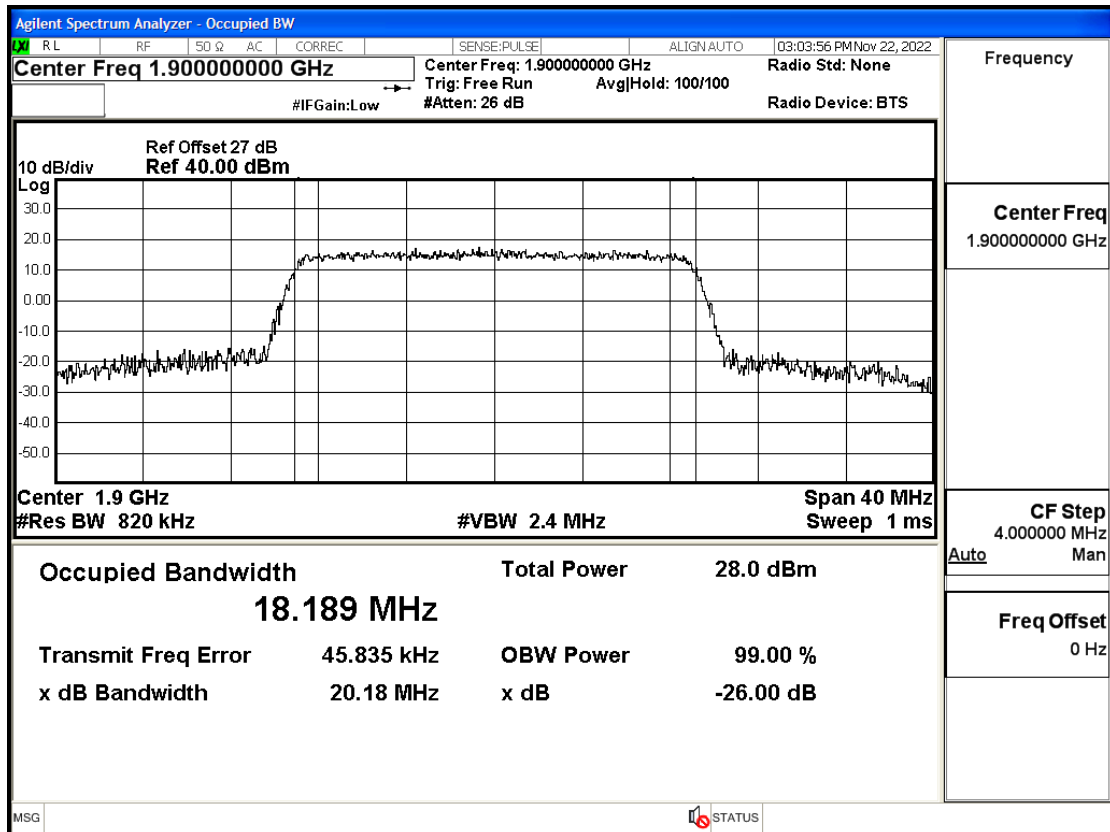
Band2-20-1880-16QAM-100#LOW@26dB and 99PCT Bandwidth



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	0.0666	PASS
40	Normal Voltage	0.0387	
30	Normal Voltage	0.0199	
20(Ref.)	Normal Voltage	0.0270	
10	Normal Voltage	0.0570	
0	Normal Voltage	0.0180	
-10	Normal Voltage	0.0491	
-20	Normal Voltage	0.0323	
-30	Normal Voltage	0.0161	
20	Maximum Voltage	0.0174	
20	Normal Voltage	0.0275	
20	Battery End Point	0.0672	

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)	Antenna Gain(dBi)	ERP/EIRP(dBm)	Limit(dBm)	Conclusion
Band2	1.4	1850.7	QPSK	6	LOW	20.04	26.4	6.36	13	0.97	21.01	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	20.72	26.34	5.62	13	0.97	21.69	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	20.72	26.31	5.59	13	0.97	21.69	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	20.84	26.37	5.53	13	0.97	21.81	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	21.51	25.94	4.43	13	0.97	22.48	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	21.55	25.93	4.38	13	0.97	22.52	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	21.61	25.74	4.13	13	0.97	22.58	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	19.99	27.04	7.05	13	0.97	20.96	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	19.78	20.04	5.56	13	0.97	15.45	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	20.98	26.54	5.56	13	0.97	21.95	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	20.94	26.61	5.67	13	0.97	21.91	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	21.19	26.42	5.23	13	0.97	22.16	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	21.18	26.39	5.21	13	0.97	22.15	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	21.24	26.52	5.28	13	0.97	22.21	33	Pass
Band2	1.4	1880	QPSK	6	LOW	20.67	26.96	6.29	13	0.97	21.64	33	Pass
Band2	1.4	1880	QPSK	3	LOW	21.84	27.13	5.29	13	0.97	22.81	33	Pass
Band2	1.4	1880	QPSK	3	MID	21.82	27.12	5.3	13	0.97	22.79	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	21.76	26.97	5.21	13	0.97	22.73	33	Pass
Band2	1.4	1880	QPSK	1	LOW	21.93	26.82	4.89	13	0.97	22.9	33	Pass
Band2	1.4	1880	QPSK	1	MID	21.82	26.62	4.8	13	0.97	22.79	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	21.85	26.68	4.83	13	0.97	22.82	33	Pass
Band2	1.4	1880	16QAM	6	LOW	19.99	26.73	6.74	13	0.97	20.96	33	Pass
Band2	1.4	1880	16QAM	3	LOW	20.7	26.34	5.64	13	0.97	21.67	33	Pass
Band2	1.4	1880	16QAM	3	MID	20.72	26.37	5.65	13	0.97	21.69	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	20.85	26.55	5.7	13	0.97	21.82	33	Pass
Band2	1.4	1880	16QAM	1	LOW	21.17	26.45	5.28	13	0.97	22.14	33	Pass
Band2	1.4	1880	16QAM	1	MID	21.06	26.37	5.31	13	0.97	22.03	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	21.24	26.48	5.24	13	0.97	22.21	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	20.76	26.12	5.36	13	0.97	21.73	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	21.68	26.14	4.46	13	0.97	22.65	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	21.69	26.13	4.44	13	0.97	22.66	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	21.71	26.21	4.5	13	0.97	22.68	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	21.74	25.91	4.17	13	0.97	22.71	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	21.79	25.85	4.06	13	0.97	22.76	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	21.83	25.9	4.07	13	0.97	22.8	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	20.04	26.4	6.36	13	0.97	21.01	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	20.72	26.34	5.62	13	0.97	21.69	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	20.72	26.31	5.59	13	0.97	21.69	33	Pass

Band2	1.4	1909.3	16QAM	3	HIGH	20.84	26.37	5.53	13	0.97	21.81	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	21.51	25.94	4.43	13	0.97	22.48	33	Pass
Band2	1.4	1909.3	16QAM	1	MID	21.55	25.93	4.38	13	0.97	22.52	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	21.61	25.74	4.13	13	0.97	22.58	33	Pass
Band2	3	1851.5	QPSK	15	LOW	20.84	27.18	6.34	13	0.97	21.81	33	Pass
Band2	3	1851.5	QPSK	8	LOW	20.82	26.48	5.66	13	0.97	21.79	33	Pass
Band2	3	1851.5	QPSK	8	MID	20.94	26.55	5.61	13	0.97	21.91	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	20.78	26.54	5.76	13	0.97	21.75	33	Pass
Band2	3	1851.5	QPSK	1	LOW	21.83	26.41	4.58	13	0.97	22.8	33	Pass
Band2	3	1851.5	QPSK	1	MID	21.8	26.41	4.61	13	0.97	22.77	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	21.82	26.37	4.55	13	0.97	22.79	33	Pass
Band2	3	1851.5	16QAM	15	LOW	20.19	27.24	7.05	13	0.97	21.16	33	Pass
Band2	3	1851.5	16QAM	8	LOW	20.25	26.83	6.58	13	0.97	21.22	33	Pass
Band2	3	1851.5	16QAM	8	MID	20.26	26.82	6.56	13	0.97	21.23	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	20.24	26.78	6.54	13	0.97	21.21	33	Pass
Band2	3	1851.5	16QAM	1	LOW	21.29	26.99	5.7	13	0.97	22.26	33	Pass
Band2	3	1851.5	16QAM	1	MID	21.22	26.87	5.65	13	0.97	22.19	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	21.24	26.79	5.55	13	0.97	22.21	33	Pass
Band2	3	1880	QPSK	15	LOW	20.63	26.64	6.01	13	0.97	21.6	33	Pass
Band2	3	1880	QPSK	8	LOW	20.7	26.64	5.94	13	0.97	21.67	33	Pass
Band2	3	1880	QPSK	8	MID	20.81	26.71	5.9	13	0.97	21.78	33	Pass
Band2	3	1880	QPSK	8	HIGH	20.76	26.59	5.83	13	0.97	21.73	33	Pass
Band2	3	1880	QPSK	1	LOW	21.78	26.56	4.78	13	0.97	22.75	33	Pass
Band2	3	1880	QPSK	1	MID	21.68	26.51	4.83	13	0.97	22.65	33	Pass
Band2	3	1880	QPSK	1	HIGH	21.73	26.58	4.85	13	0.97	22.7	33	Pass
Band2	3	1880	16QAM	15	LOW	19.91	26.37	6.46	13	0.97	20.88	33	Pass
Band2	3	1880	16QAM	8	LOW	19.83	26.35	6.52	13	0.97	20.8	33	Pass
Band2	3	1880	16QAM	8	MID	19.84	26.35	6.51	13	0.97	20.81	33	Pass
Band2	3	1880	16QAM	8	HIGH	19.81	26.24	6.43	13	0.97	20.78	33	Pass
Band2	3	1880	16QAM	1	LOW	21.35	26.61	5.26	13	0.97	22.32	33	Pass
Band2	3	1880	16QAM	1	MID	21.39	26.56	5.17	13	0.97	22.36	33	Pass
Band2	3	1880	16QAM	1	HIGH	21.34	26.11	4.77	13	0.97	22.31	33	Pass
Band2	3	1908.5	QPSK	15	LOW	20.7	26.71	6.01	13	0.97	21.67	33	Pass
Band2	3	1908.5	QPSK	8	LOW	20.63	26.16	5.53	13	0.97	21.6	33	Pass
Band2	3	1908.5	QPSK	8	MID	20.63	26.21	5.58	13	0.97	21.6	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	20.69	26.27	5.58	13	0.97	21.66	33	Pass
Band2	3	1908.5	QPSK	1	LOW	21.66	25.77	4.11	13	0.97	22.63	33	Pass
Band2	3	1908.5	QPSK	1	MID	21.81	25.81	4	13	0.97	22.78	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	21.57	25.8	4.23	13	0.97	22.54	33	Pass
Band2	3	1908.5	16QAM	15	LOW	19.95	26.75	6.8	13	0.97	20.92	33	Pass
Band2	3	1908.5	16QAM	8	LOW	20.14	26.17	6.03	13	0.97	21.11	33	Pass
Band2	3	1908.5	16QAM	8	MID	20.15	26.06	5.91	13	0.97	21.12	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	20.15	26.09	5.94	13	0.97	21.12	33	Pass
Band2	3	1908.5	16QAM	1	LOW	20.9	25.51	4.61	13	0.97	21.87	33	Pass
Band2	3	1908.5	16QAM	1	MID	20.82	25.48	4.66	13	0.97	21.79	33	Pass

Band2	3	1908.5	16QAM	1	HIGH	20.77	25.44	4.67	13	0.97	21.74	33	Pass
Band2	5	1852.5	QPSK	25	LOW	20.89	27.02	6.13	13	0.97	21.86	33	Pass
Band2	5	1852.5	QPSK	12	LOW	20.87	26.42	5.55	13	0.97	21.84	33	Pass
Band2	5	1852.5	QPSK	12	MID	20.99	26.67	5.68	13	0.97	21.96	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	20.88	26.46	5.58	13	0.97	21.85	33	Pass
Band2	5	1852.5	QPSK	1	LOW	21.9	27.11	5.21	13	0.97	22.87	33	Pass
Band2	5	1852.5	QPSK	1	MID	21.86	27.02	5.16	13	0.97	22.83	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	21.84	26.9	5.06	13	0.97	22.81	33	Pass
Band2	5	1852.5	16QAM	25	LOW	20.13	27.45	7.32	13	0.97	21.1	33	Pass
Band2	5	1852.5	16QAM	12	LOW	20.2	27.04	6.84	13	0.97	21.17	33	Pass
Band2	5	1852.5	16QAM	12	MID	20.21	27.01	6.8	13	0.97	21.18	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	20.06	26.81	6.75	13	0.97	21.03	33	Pass
Band2	5	1852.5	16QAM	1	LOW	20.31	25.89	5.58	13	0.97	21.28	33	Pass
Band2	5	1852.5	16QAM	1	MID	20.21	25.82	5.61	13	0.97	21.18	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	20.21	25.78	5.57	13	0.97	21.18	33	Pass
Band2	5	1880	QPSK	25	LOW	20.69	26.94	6.25	13	0.97	21.66	33	Pass
Band2	5	1880	QPSK	12	LOW	20.86	26.94	6.08	13	0.97	21.83	33	Pass
Band2	5	1880	QPSK	12	MID	20.75	26.88	6.13	13	0.97	21.72	33	Pass
Band2	5	1880	QPSK	12	HIGH	20.76	26.92	6.16	13	0.97	21.73	33	Pass
Band2	5	1880	QPSK	1	LOW	21.95	26.54	4.59	13	0.97	22.92	33	Pass
Band2	5	1880	QPSK	1	MID	21.89	26.59	4.7	13	0.97	22.86	33	Pass
Band2	5	1880	QPSK	1	HIGH	21.83	26.59	4.76	13	0.97	22.8	33	Pass
Band2	5	1880	16QAM	25	LOW	19.99	26.83	6.84	13	0.97	20.96	33	Pass
Band2	5	1880	16QAM	12	LOW	19.84	26.34	6.5	13	0.97	20.81	33	Pass
Band2	5	1880	16QAM	12	MID	19.86	26.28	6.42	13	0.97	20.83	33	Pass
Band2	5	1880	16QAM	12	HIGH	19.76	26.23	6.47	13	0.97	20.73	33	Pass
Band2	5	1880	16QAM	1	LOW	20.84	26.24	5.4	13	0.97	21.81	33	Pass
Band2	5	1880	16QAM	1	MID	20.84	26.26	5.42	13	0.97	21.81	33	Pass
Band2	5	1880	16QAM	1	HIGH	20.85	26.35	5.5	13	0.97	21.82	33	Pass
Band2	5	1907.5	QPSK	25	LOW	20.71	26.36	5.65	13	0.97	21.68	33	Pass
Band2	5	1907.5	QPSK	12	LOW	20.66	25.86	5.2	13	0.97	21.63	33	Pass
Band2	5	1907.5	QPSK	12	MID	20.67	25.89	5.22	13	0.97	21.64	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	20.68	25.95	5.27	13	0.97	21.65	33	Pass
Band2	5	1907.5	QPSK	1	LOW	21.7	25.74	4.04	13	0.97	22.67	33	Pass
Band2	5	1907.5	QPSK	1	MID	21.6	25.89	4.29	13	0.97	22.57	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	21.66	26	4.34	13	0.97	22.63	33	Pass
Band2	5	1907.5	16QAM	25	LOW	19.96	26.41	6.45	13	0.97	20.93	33	Pass
Band2	5	1907.5	16QAM	12	LOW	19.79	25.78	5.99	13	0.97	20.76	33	Pass
Band2	5	1907.5	16QAM	12	MID	19.81	25.89	6.08	13	0.97	20.78	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	19.69	25.99	6.3	13	0.97	20.66	33	Pass
Band2	5	1907.5	16QAM	1	LOW	20.48	25.63	5.15	13	0.97	21.45	33	Pass
Band2	5	1907.5	16QAM	1	MID	20.47	25.84	5.37	13	0.97	21.44	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	20.53	25.97	5.44	13	0.97	21.5	33	Pass
Band2	10	1855	QPSK	50	LOW	20.85	26.94	6.09	13	0.97	21.82	33	Pass
Band2	10	1855	QPSK	25	LOW	20.93	26.83	5.9	13	0.97	21.9	33	Pass

Band2	10	1855	QPSK	25	MID	20.92	26.82	5.9	13	0.97	21.89	33	Pass
Band2	10	1855	QPSK	25	HIGH	20.8	26.74	5.94	13	0.97	21.77	33	Pass
Band2	10	1855	QPSK	1	LOW	21.96	26.55	4.59	13	0.97	22.93	33	Pass
Band2	10	1855	QPSK	1	MID	21.76	26.28	4.52	13	0.97	22.73	33	Pass
Band2	10	1855	QPSK	1	HIGH	21.82	26.23	4.41	13	0.97	22.79	33	Pass
Band2	10	1855	16QAM	50	LOW	19.96	27.43	7.47	13	0.97	20.93	33	Pass
Band2	10	1855	16QAM	25	LOW	20.01	26.8	6.79	13	0.97	20.98	33	Pass
Band2	10	1855	16QAM	25	MID	20.02	26.85	6.83	13	0.97	20.99	33	Pass
Band2	10	1855	16QAM	25	HIGH	20.13	26.78	6.65	13	0.97	21.1	33	Pass
Band2	10	1855	16QAM	1	LOW	21.19	26.9	5.71	13	0.97	22.16	33	Pass
Band2	10	1855	16QAM	1	MID	21.21	26.73	5.52	13	0.97	22.18	33	Pass
Band2	10	1855	16QAM	1	HIGH	21.13	26.5	5.37	13	0.97	22.1	33	Pass
Band2	10	1880	QPSK	50	LOW	20.74	26.96	6.22	13	0.97	21.71	33	Pass
Band2	10	1880	QPSK	25	LOW	20.68	26.52	5.84	13	0.97	21.65	33	Pass
Band2	10	1880	QPSK	25	MID	20.68	26.6	5.92	13	0.97	21.65	33	Pass
Band2	10	1880	QPSK	25	HIGH	20.65	26.66	6.01	13	0.97	21.62	33	Pass
Band2	10	1880	QPSK	1	LOW	21.97	26.52	4.55	13	0.97	22.94	33	Pass
Band2	10	1880	QPSK	1	MID	21.99	26.67	4.68	13	0.97	22.96	33	Pass
Band2	10	1880	QPSK	1	HIGH	21.93	26.82	4.89	13	0.97	22.9	33	Pass
Band2	10	1880	16QAM	50	LOW	19.96	27.09	7.13	13	0.97	20.93	33	Pass
Band2	10	1880	16QAM	25	LOW	19.94	26.85	6.91	13	0.97	20.91	33	Pass
Band2	10	1880	16QAM	25	MID	19.95	26.79	6.84	13	0.97	20.92	33	Pass
Band2	10	1880	16QAM	25	HIGH	19.85	27.01	7.16	13	0.97	20.82	33	Pass
Band2	10	1880	16QAM	1	LOW	21.13	26.31	5.18	13	0.97	22.1	33	Pass
Band2	10	1880	16QAM	1	MID	20.87	25.64	4.77	13	0.97	21.84	33	Pass
Band2	10	1880	16QAM	1	HIGH	20.95	26.24	5.29	13	0.97	21.92	33	Pass
Band2	10	1905	QPSK	50	LOW	20.67	26.13	5.46	13	0.97	21.64	33	Pass
Band2	10	1905	QPSK	25	LOW	20.77	26.11	5.34	13	0.97	21.74	33	Pass
Band2	10	1905	QPSK	25	MID	20.77	26.2	5.43	13	0.97	21.74	33	Pass
Band2	10	1905	QPSK	25	HIGH	20.66	26.42	5.76	13	0.97	21.63	33	Pass
Band2	10	1905	QPSK	1	LOW	21.63	25.69	4.06	13	0.97	22.6	33	Pass
Band2	10	1905	QPSK	1	MID	21.63	25.65	4.02	13	0.97	22.6	33	Pass
Band2	10	1905	QPSK	1	HIGH	21.57	25.92	4.35	13	0.97	22.54	33	Pass
Band2	10	1905	16QAM	50	LOW	19.81	26.86	7.05	13	0.97	20.78	33	Pass
Band2	10	1905	16QAM	25	LOW	20	26.13	6.13	13	0.97	20.97	33	Pass
Band2	10	1905	16QAM	25	MID	20.03	26.15	6.12	13	0.97	21	33	Pass
Band2	10	1905	16QAM	25	HIGH	20.17	26.34	6.17	13	0.97	21.14	33	Pass
Band2	10	1905	16QAM	1	LOW	20.9	25.42	4.52	13	0.97	21.87	33	Pass
Band2	10	1905	16QAM	1	MID	20.83	25.4	4.57	13	0.97	21.8	33	Pass
Band2	10	1905	16QAM	1	HIGH	20.93	25.86	4.93	13	0.97	21.9	33	Pass
Band2	15	1857.5	QPSK	75	LOW	20.73	27.45	6.72	13	0.97	21.7	33	Pass
Band2	15	1857.5	QPSK	38	LOW	20.81	27.38	6.57	13	0.97	21.78	33	Pass
Band2	15	1857.5	QPSK	38	MID	20.8	27.44	6.64	13	0.97	21.77	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	20.81	27.46	6.65	13	0.97	21.78	33	Pass
Band2	15	1857.5	QPSK	1	LOW	21.82	26.45	4.63	13	0.97	22.79	33	Pass

Band2	15	1857.5	QPSK	1	MID	21.83	26.31	4.48	13	0.97	22.8	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	21.79	26.24	4.45	13	0.97	22.76	33	Pass
Band2	15	1857.5	16QAM	75	LOW	19.95	27.16	7.21	13	0.97	20.92	33	Pass
Band2	15	1857.5	16QAM	38	LOW	19.98	27.06	7.08	13	0.97	20.95	33	Pass
Band2	15	1857.5	16QAM	38	MID	19.92	27.1	7.18	13	0.97	20.89	33	Pass
Band2	15	1857.5	16QAM	38	HIGH	20	27.1	7.1	13	0.97	20.97	33	Pass
Band2	15	1857.5	16QAM	1	LOW	21.55	27.13	5.58	13	0.97	22.52	33	Pass
Band2	15	1857.5	16QAM	1	MID	21.38	26.77	5.39	13	0.97	22.35	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	21.43	26.49	5.06	13	0.97	22.4	33	Pass
Band2	15	1880	QPSK	75	LOW	20.83	27.48	6.65	13	0.97	21.8	33	Pass
Band2	15	1880	QPSK	38	LOW	20.71	27.46	6.75	13	0.97	21.68	33	Pass
Band2	15	1880	QPSK	38	MID	20.72	27.46	6.74	13	0.97	21.69	33	Pass
Band2	15	1880	QPSK	38	HIGH	20.72	27.48	6.76	13	0.97	21.69	33	Pass
Band2	15	1880	QPSK	1	LOW	21.89	26.59	4.7	13	0.97	22.86	33	Pass
Band2	15	1880	QPSK	1	MID	21.8	26.66	4.86	13	0.97	22.77	33	Pass
Band2	15	1880	QPSK	1	HIGH	21.78	26.8	5.02	13	0.97	22.75	33	Pass
Band2	15	1880	16QAM	75	LOW	19.97	27.18	7.21	13	0.97	20.94	33	Pass
Band2	15	1880	16QAM	38	LOW	19.79	27.07	7.28	13	0.97	20.76	33	Pass
Band2	15	1880	16QAM	38	MID	19.79	27.14	7.35	13	0.97	20.76	33	Pass
Band2	15	1880	16QAM	38	HIGH	19.8	27.1	7.3	13	0.97	20.77	33	Pass
Band2	15	1880	16QAM	1	LOW	21.62	27.14	5.52	13	0.97	22.59	33	Pass
Band2	15	1880	16QAM	1	MID	21.52	26.12	4.6	13	0.97	22.49	33	Pass
Band2	15	1880	16QAM	1	HIGH	21.54	26.63	5.09	13	0.97	22.51	33	Pass
Band2	15	1902.5	QPSK	75	LOW	20.77	26.91	6.14	13	0.97	21.74	33	Pass
Band2	15	1902.5	QPSK	38	LOW	20.68	26.86	6.18	13	0.97	21.65	33	Pass
Band2	15	1902.5	QPSK	38	MID	20.68	26.85	6.17	13	0.97	21.65	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	20.68	26.88	6.2	13	0.97	21.65	33	Pass
Band2	15	1902.5	QPSK	1	LOW	21.68	26.25	4.57	13	0.97	22.65	33	Pass
Band2	15	1902.5	QPSK	1	MID	21.7	25.57	3.87	13	0.97	22.67	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	21.76	26.05	4.29	13	0.97	22.73	33	Pass
Band2	15	1902.5	16QAM	75	LOW	19.9	26.7	6.8	13	0.97	20.87	33	Pass
Band2	15	1902.5	16QAM	38	LOW	19.99	26.74	6.75	13	0.97	20.96	33	Pass
Band2	15	1902.5	16QAM	38	MID	19.91	26.73	6.82	13	0.97	20.88	33	Pass
Band2	15	1902.5	16QAM	38	HIGH	19.91	26.76	6.85	13	0.97	20.88	33	Pass
Band2	15	1902.5	16QAM	1	LOW	21.31	26.46	5.15	13	0.97	22.28	33	Pass
Band2	15	1902.5	16QAM	1	MID	21.26	25.46	4.2	13	0.97	22.23	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	21.36	26.61	5.25	13	0.97	22.33	33	Pass
Band2	20	1860	QPSK	100	LOW	20.79	27	6.21	13	0.97	21.76	33	Pass
Band2	20	1860	QPSK	50	LOW	20.96	26.86	5.9	13	0.97	21.93	33	Pass
Band2	20	1860	QPSK	50	MID	20.83	26.79	5.96	13	0.97	21.8	33	Pass
Band2	20	1860	QPSK	50	HIGH	20.84	26.62	5.78	13	0.97	21.81	33	Pass
Band2	20	1860	QPSK	1	LOW	22.04	26.75	4.71	13	0.97	23.01	33	Pass
Band2	20	1860	QPSK	1	MID	21.91	26.37	4.46	13	0.97	22.88	33	Pass
Band2	20	1860	QPSK	1	HIGH	21.84	26.21	4.37	13	0.97	22.81	33	Pass
Band2	20	1860	16QAM	100	LOW	19.9	27.54	7.64	13	0.97	20.87	33	Pass

Band2	20	1860	16QAM	50	LOW	19.98	27.22	7.24	13	0.97	20.95	33	Pass
Band2	20	1860	16QAM	50	MID	20.18	27.3	7.12	13	0.97	21.15	33	Pass
Band2	20	1860	16QAM	50	HIGH	19.97	26.81	6.84	13	0.97	20.94	33	Pass
Band2	20	1860	16QAM	1	LOW	21.22	27.46	6.24	13	0.97	22.19	33	Pass
Band2	20	1860	16QAM	1	MID	21.1	26.25	5.15	13	0.97	22.07	33	Pass
Band2	20	1860	16QAM	1	HIGH	21.11	27.26	6.15	13	0.97	22.08	33	Pass
Band2	20	1880	QPSK	100	LOW	20.76	27.38	6.62	13	0.97	21.73	33	Pass
Band2	20	1880	QPSK	50	LOW	20.73	26.8	6.07	13	0.97	21.7	33	Pass
Band2	20	1880	QPSK	50	MID	20.74	26.78	6.04	13	0.97	21.71	33	Pass
Band2	20	1880	QPSK	50	HIGH	20.81	27.05	6.24	13	0.97	21.78	33	Pass
Band2	20	1880	QPSK	1	LOW	22.12	27.42	5.3	13	0.97	23.09	33	Pass
Band2	20	1880	QPSK	1	MID	21.95	26.52	4.57	13	0.97	22.92	33	Pass
Band2	20	1880	QPSK	1	HIGH	21.99	27.43	5.44	13	0.97	22.96	33	Pass
Band2	20	1880	16QAM	100	LOW	19.82	27.28	7.46	13	0.97	20.79	33	Pass
Band2	20	1880	16QAM	50	LOW	19.8	26.7	6.9	13	0.97	20.77	33	Pass
Band2	20	1880	16QAM	50	MID	19.87	26.81	6.94	13	0.97	20.84	33	Pass
Band2	20	1880	16QAM	50	HIGH	20.22	27.24	7.02	13	0.97	21.19	33	Pass
Band2	20	1880	16QAM	1	LOW	20.85	26.33	5.48	13	0.97	21.82	33	Pass
Band2	20	1880	16QAM	1	MID	20.69	26.65	5.96	13	0.97	21.66	33	Pass
Band2	20	1880	16QAM	1	HIGH	20.69	26.84	6.15	13	0.97	21.66	33	Pass
Band2	20	1900	QPSK	100	LOW	20.76	26.85	6.09	13	0.97	21.73	33	Pass
Band2	20	1900	QPSK	50	LOW	20.61	26.51	5.9	13	0.97	21.58	33	Pass
Band2	20	1900	QPSK	50	MID	20.73	26.54	5.81	13	0.97	21.7	33	Pass
Band2	20	1900	QPSK	50	HIGH	20.72	26.14	5.42	13	0.97	21.69	33	Pass
Band2	20	1900	QPSK	1	LOW	21.77	27.08	5.31	13	0.97	22.74	33	Pass
Band2	20	1900	QPSK	1	MID	21.85	25.78	3.93	13	0.97	22.82	33	Pass
Band2	20	1900	QPSK	1	HIGH	21.86	26.42	4.56	13	0.97	22.83	33	Pass
Band2	20	1900	16QAM	100	LOW	20.24	27.03	6.79	13	0.97	21.21	33	Pass
Band2	20	1900	16QAM	50	LOW	19.81	26.7	6.89	13	0.97	20.78	33	Pass
Band2	20	1900	16QAM	50	MID	19.83	26.7	6.87	13	0.97	20.8	33	Pass
Band2	20	1900	16QAM	50	HIGH	19.82	26.34	6.52	13	0.97	20.79	33	Pass
Band2	20	1900	16QAM	1	LOW	21.68	27.15	5.47	13	0.97	22.65	33	Pass
Band2	20	1900	16QAM	1	MID	21.62	25.89	4.27	13	0.97	22.59	33	Pass
Band2	20	1900	16QAM	1	HIGH	21.7	27.18	5.48	13	0.97	22.67	33	Pass