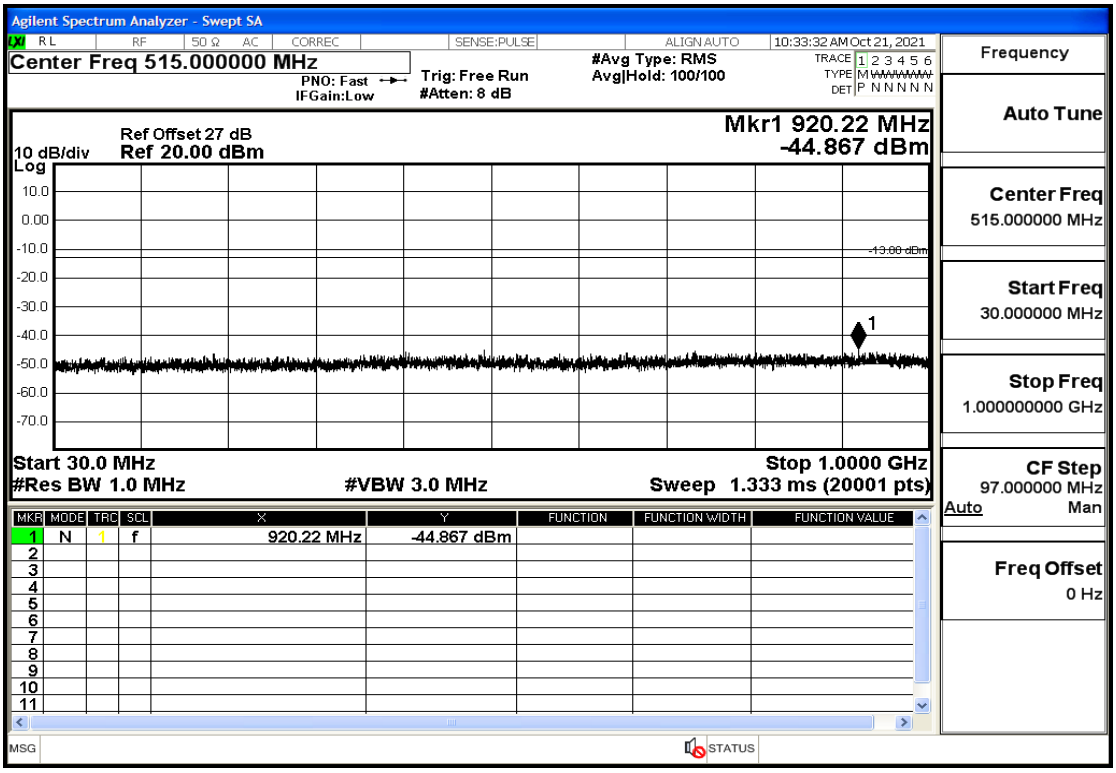
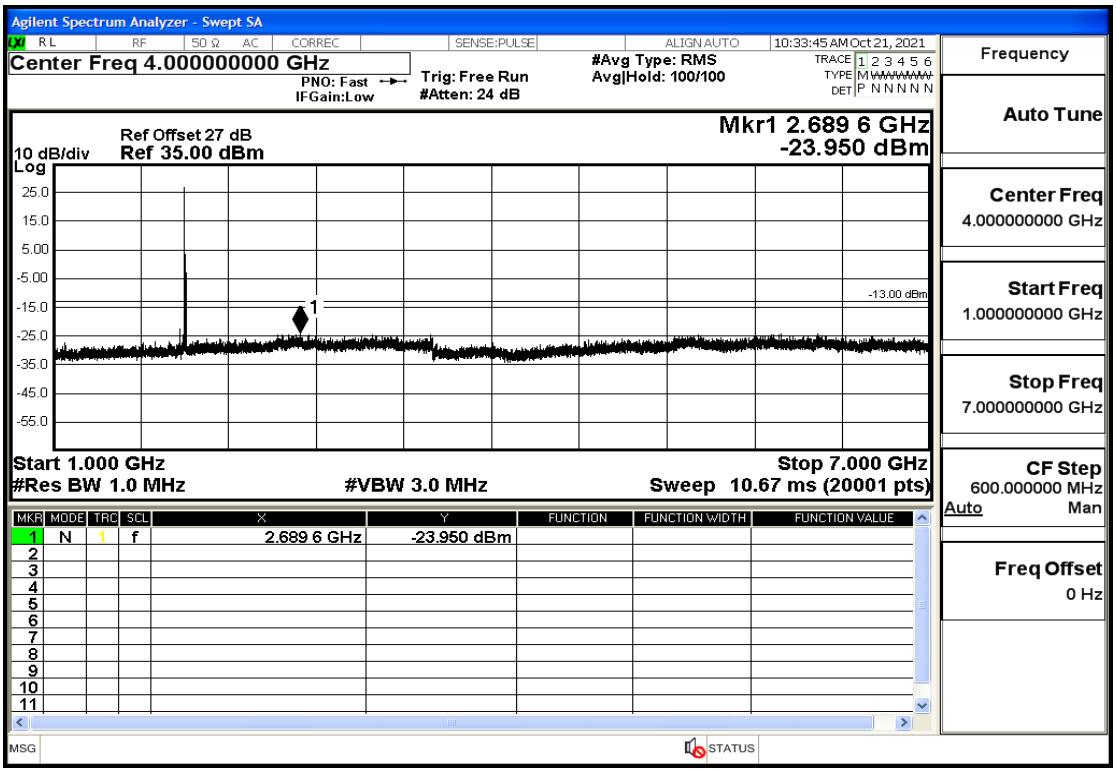
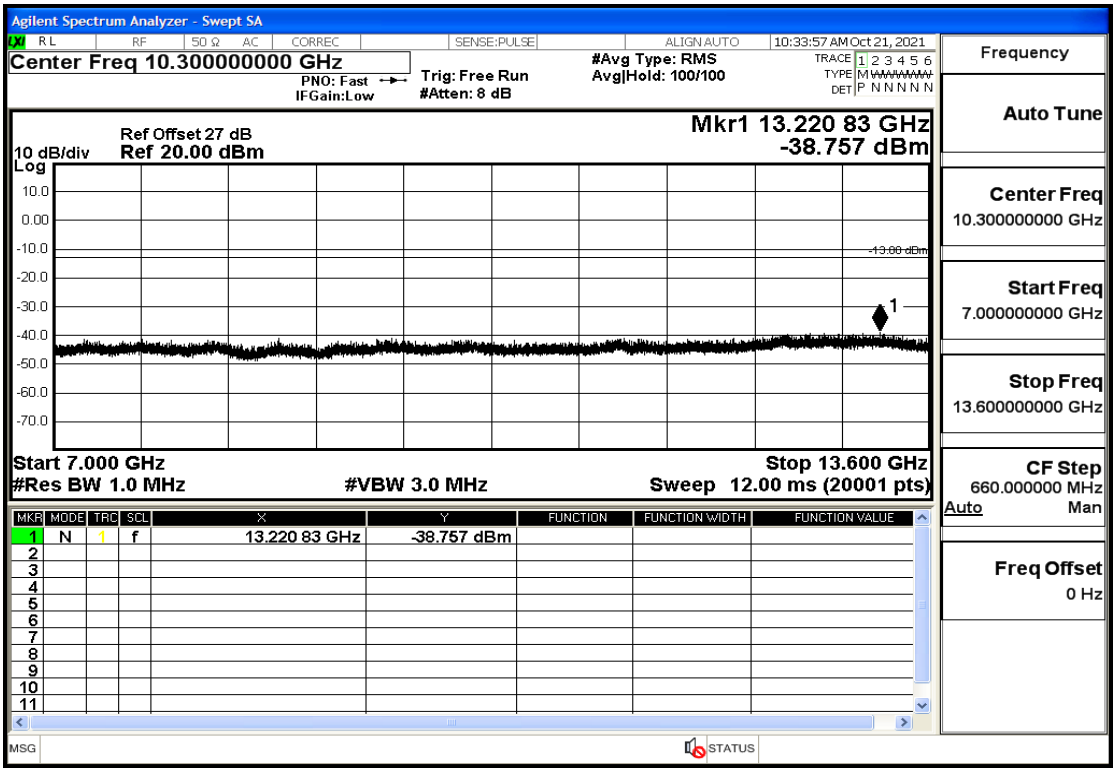
OB2-15-1902.5-QPSK-1#LOW@30mHz-1GHz@Pass



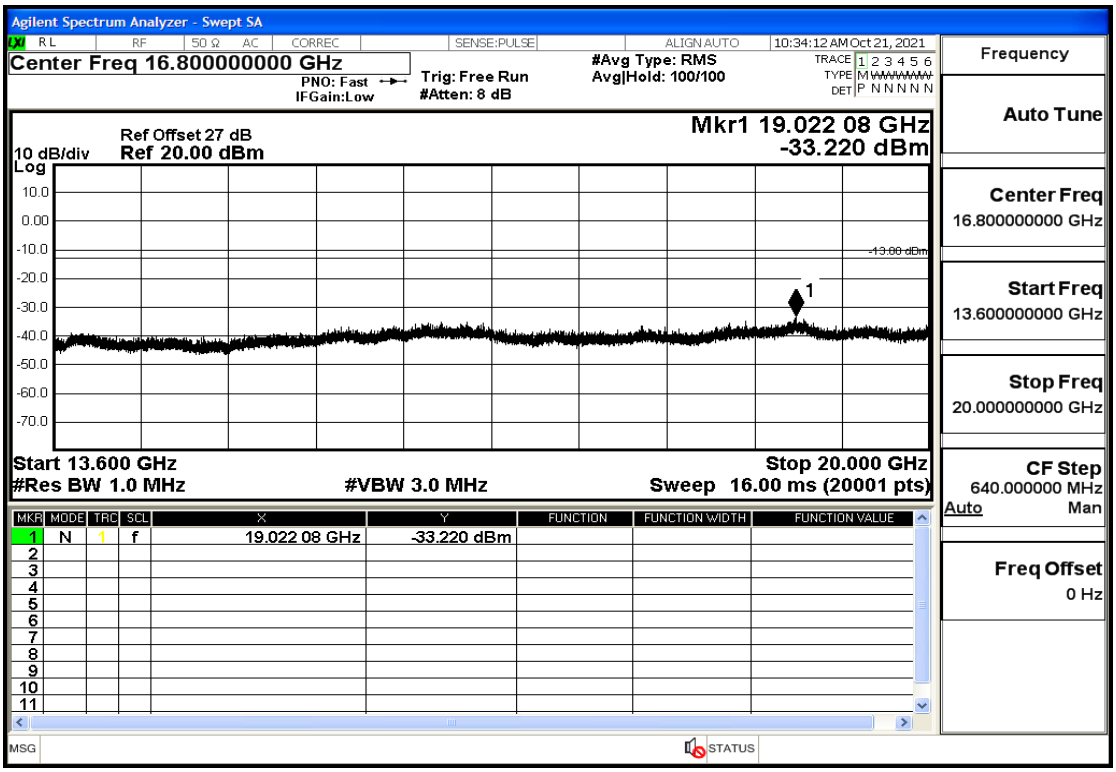
OB2-15-1902.5-QPSK-1#LOW@1GHz-7GHz@Pass



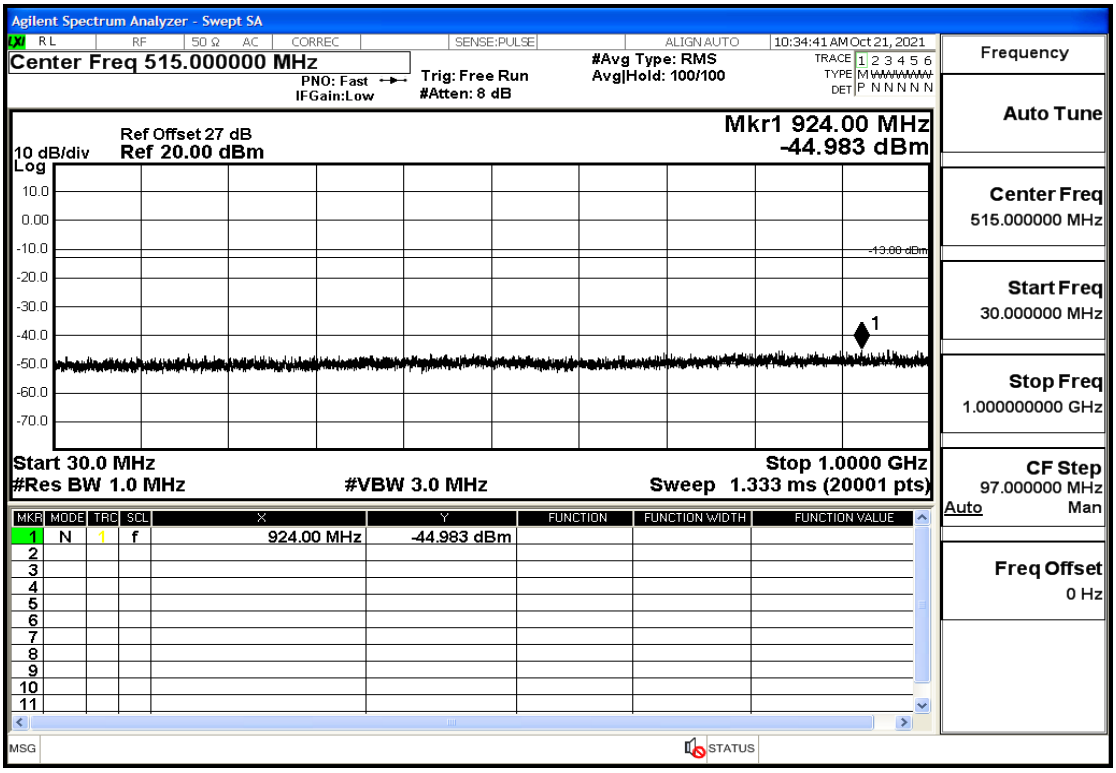
OB2-15-1902.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



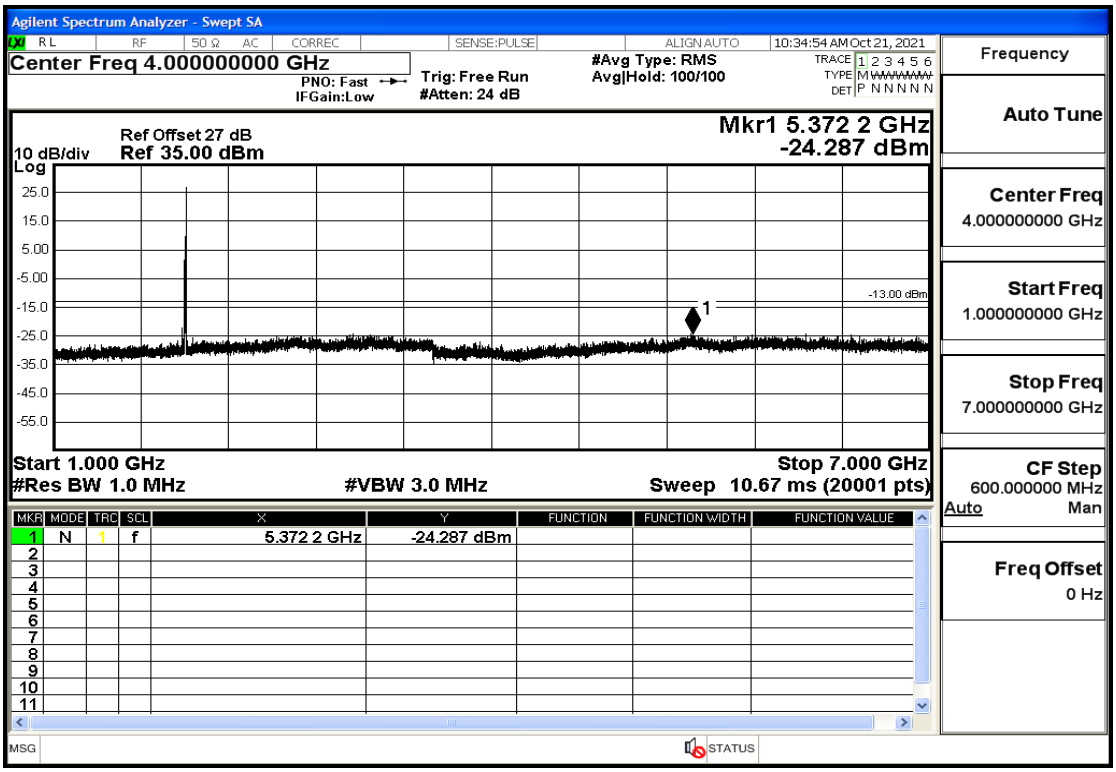
OB2-15-1902.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



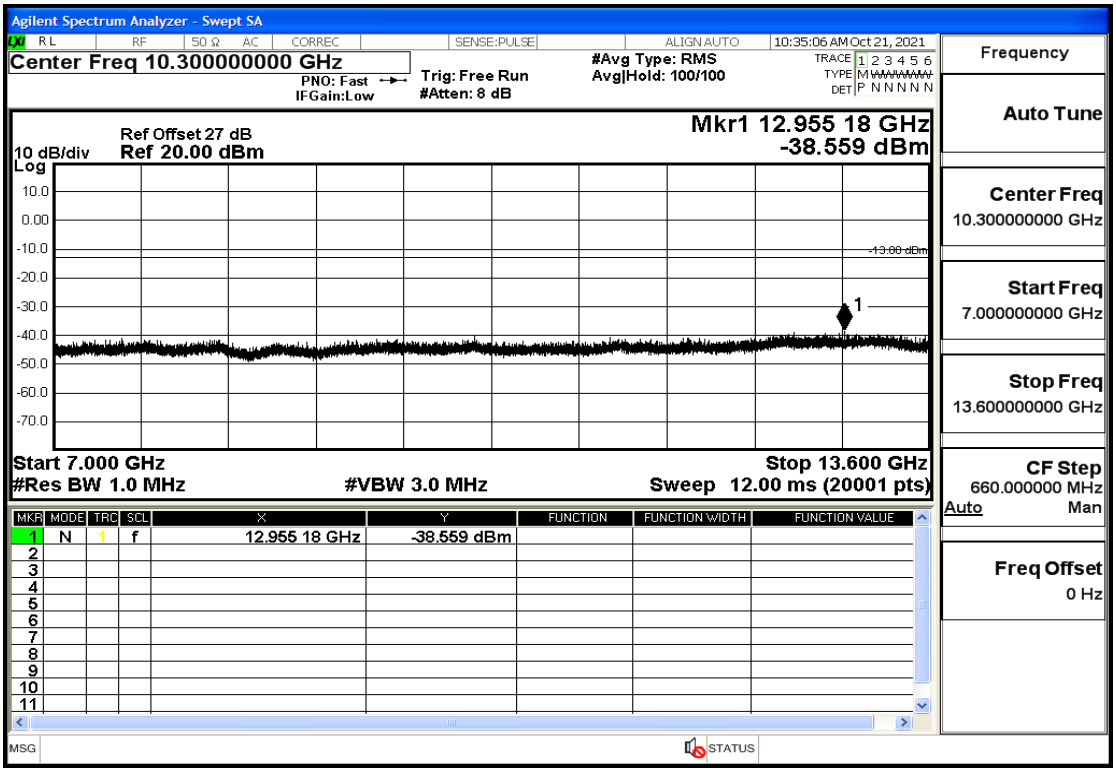
OB2-15-1902.5-QPSK-1#HIGH@30mHz-1GHz@Pass



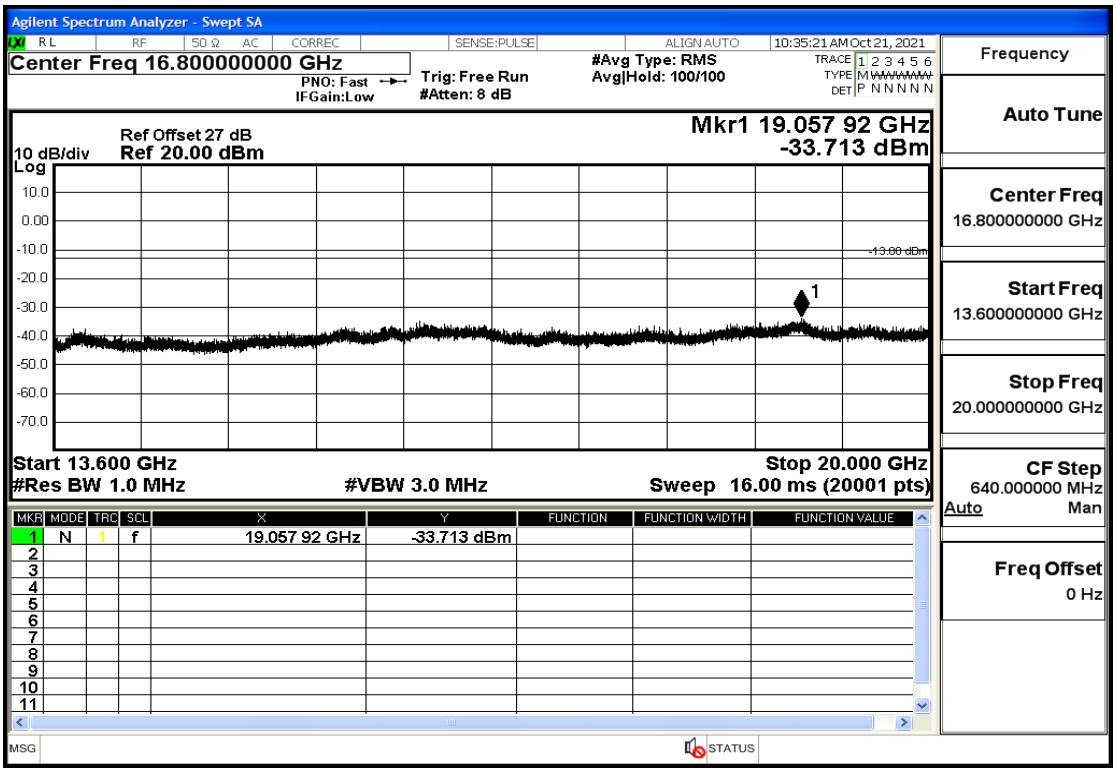
OB2-15-1902.5-QPSK-1#HIGH@1GHz-7GHz@Pass



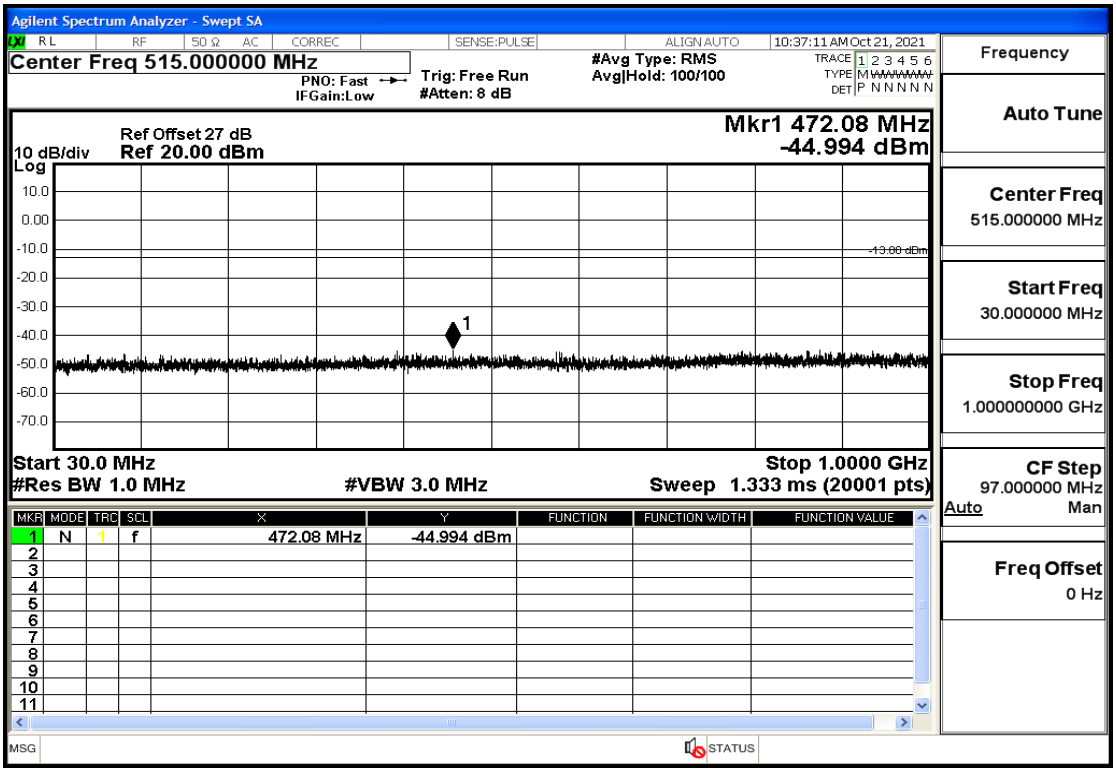
OB2-15-1902.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



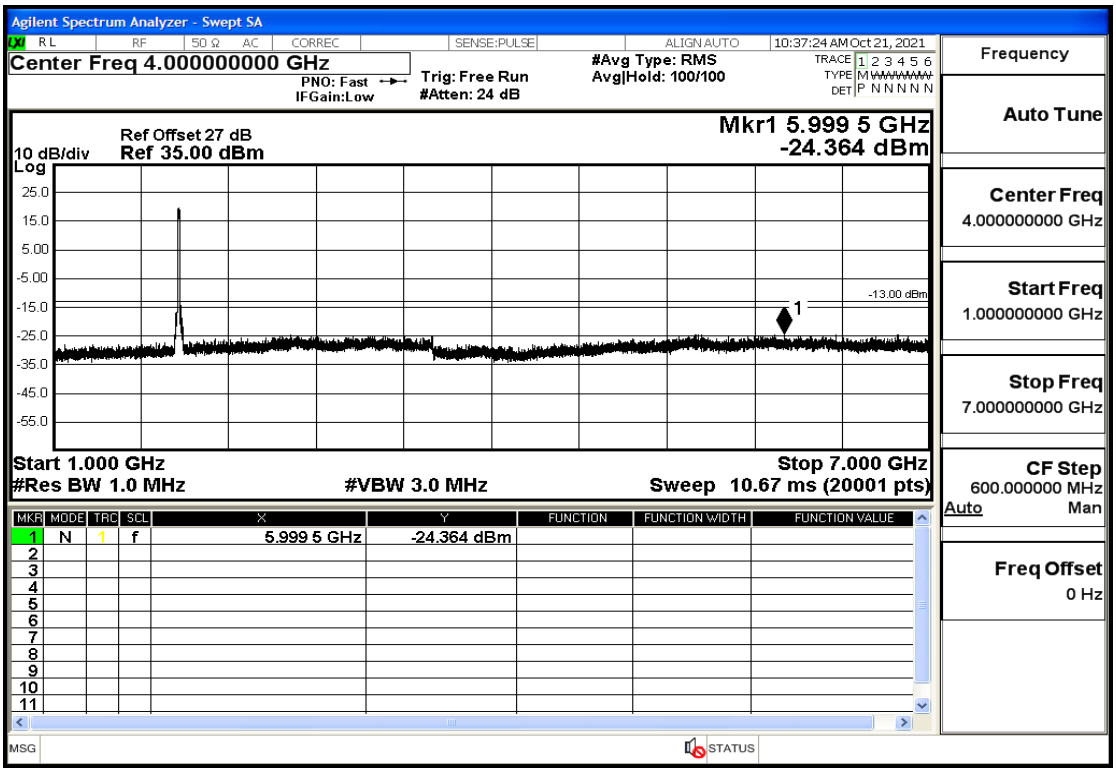
OB2-15-1902.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



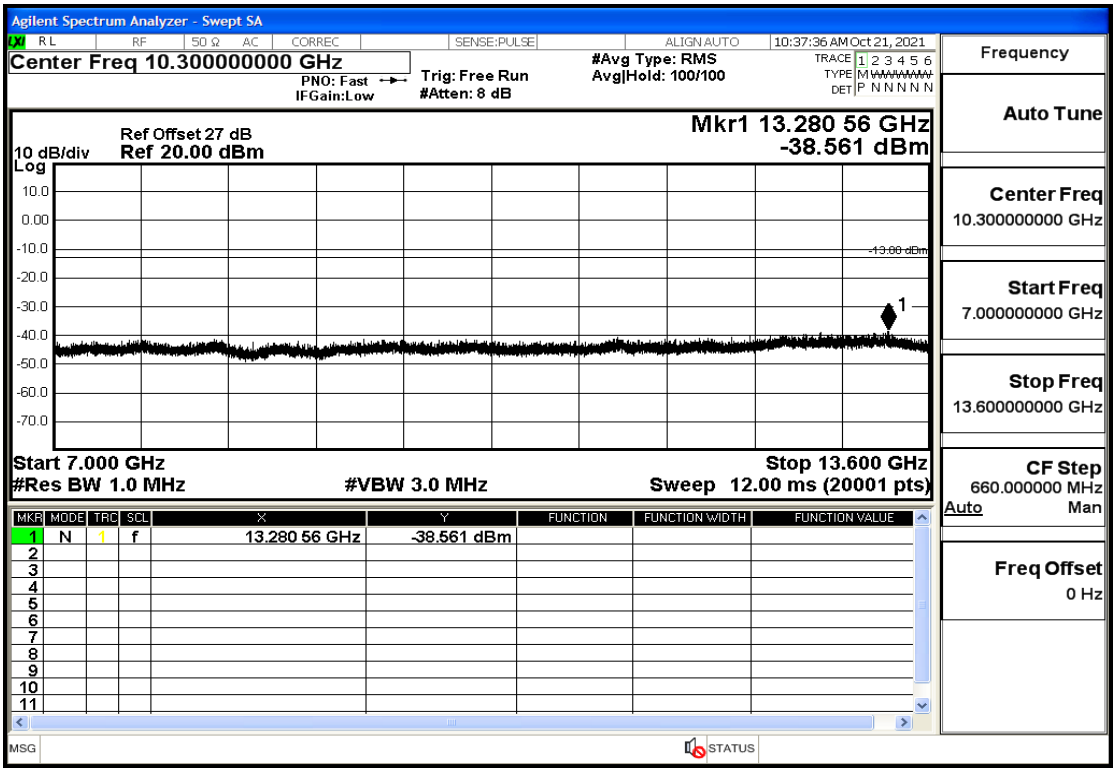
OB2-20-1860-QPSK-100#LOW@30mHz-1GHz@Pass



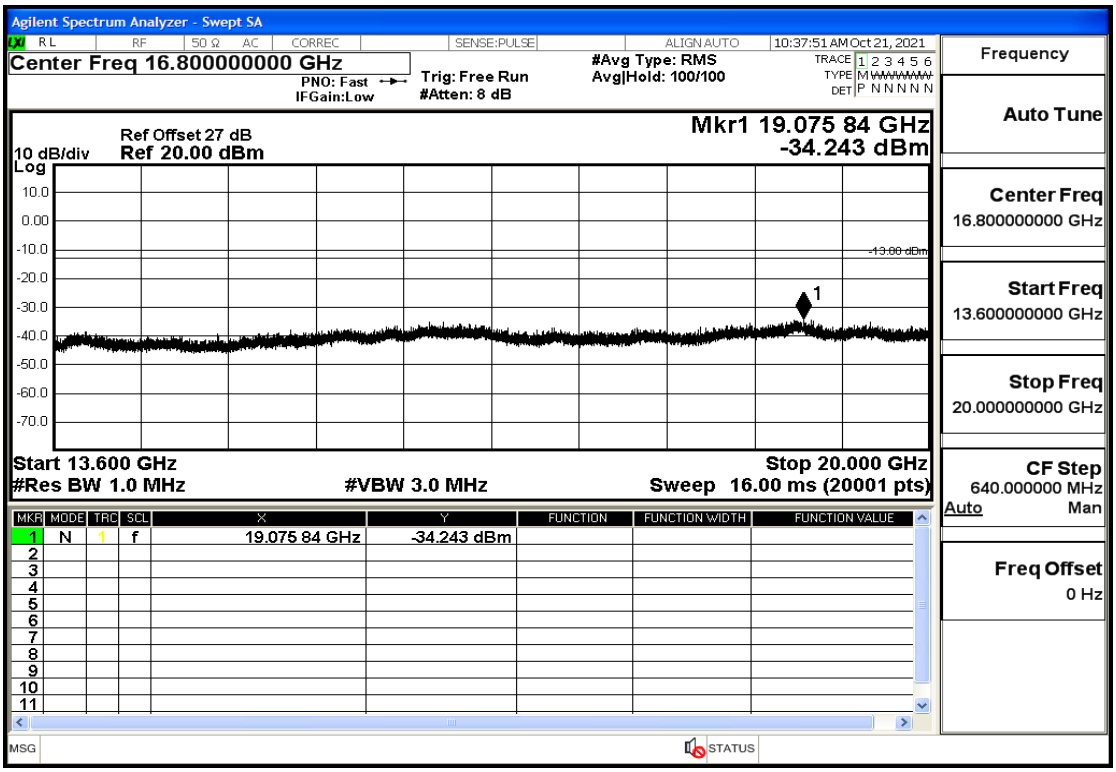
OB2-20-1860-QPSK-100#LOW@1GHz-7GHz@Pass



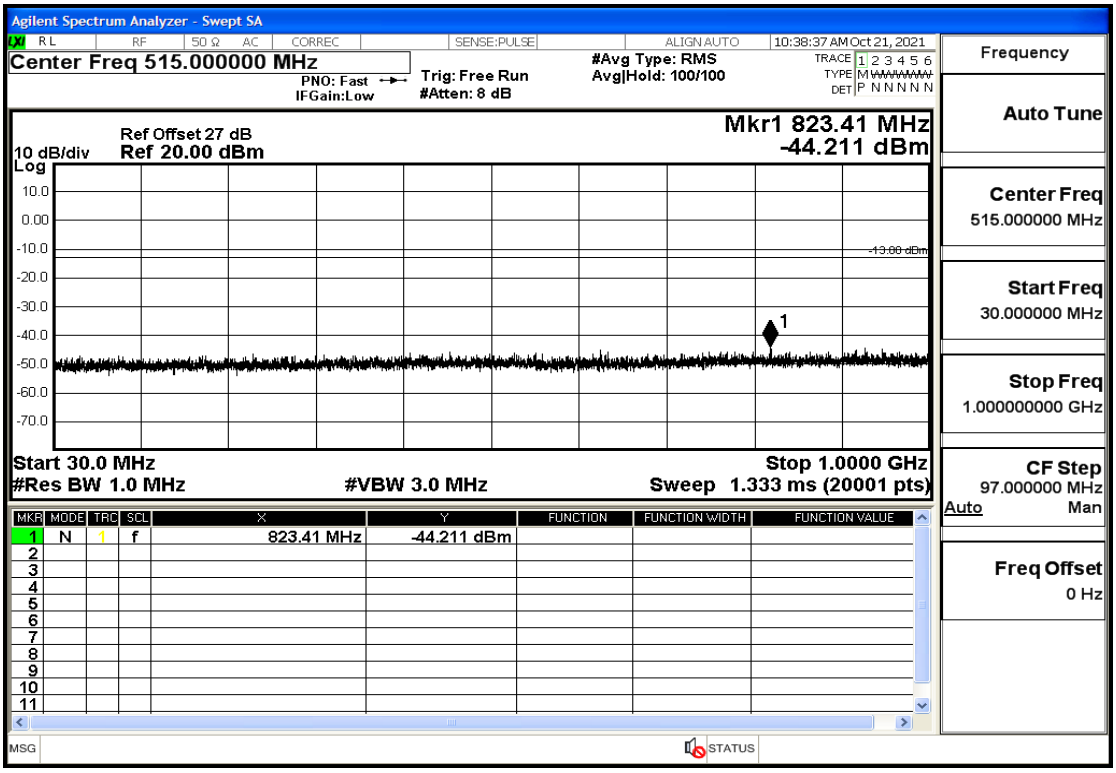
OB2-20-1860-QPSK-100#LOW@7GHz-13.6GHz@Pass



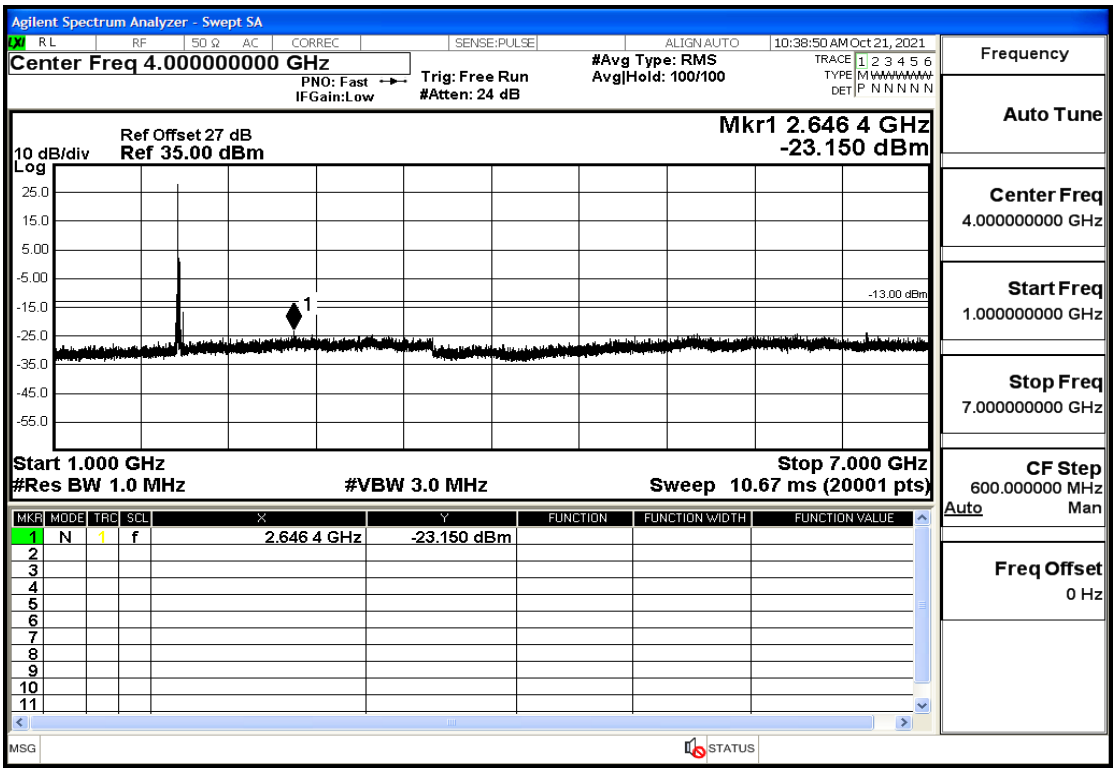
OB2-20-1860-QPSK-100#LOW@13.6GHz-20GHz@Pass



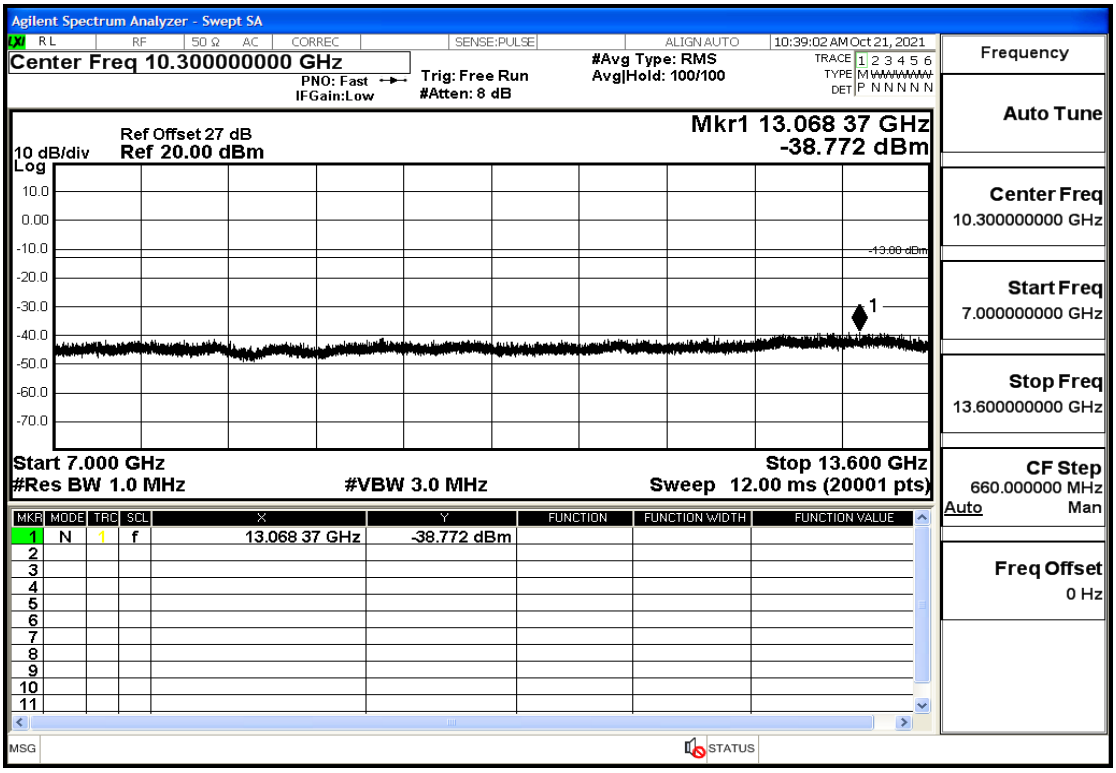
OB2-20-1860-QPSK-1#LOW@30mHz-1GHz@Pass



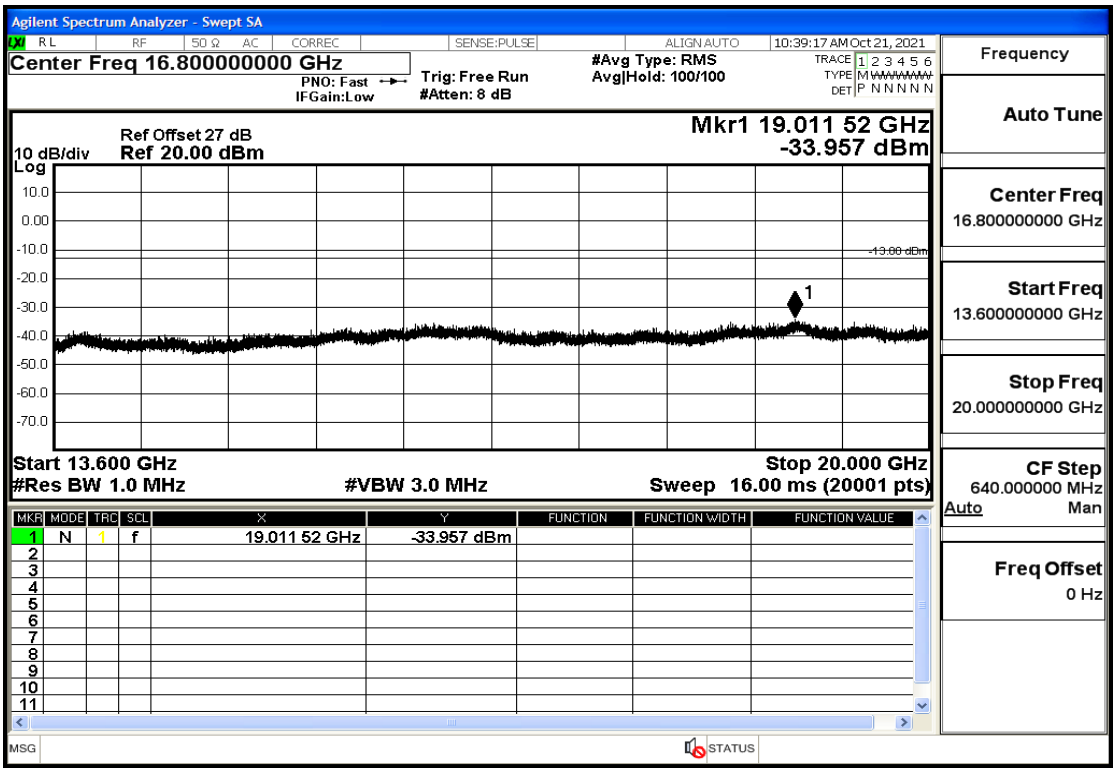
OB2-20-1860-QPSK-1#LOW@1GHz-7GHz@Pass



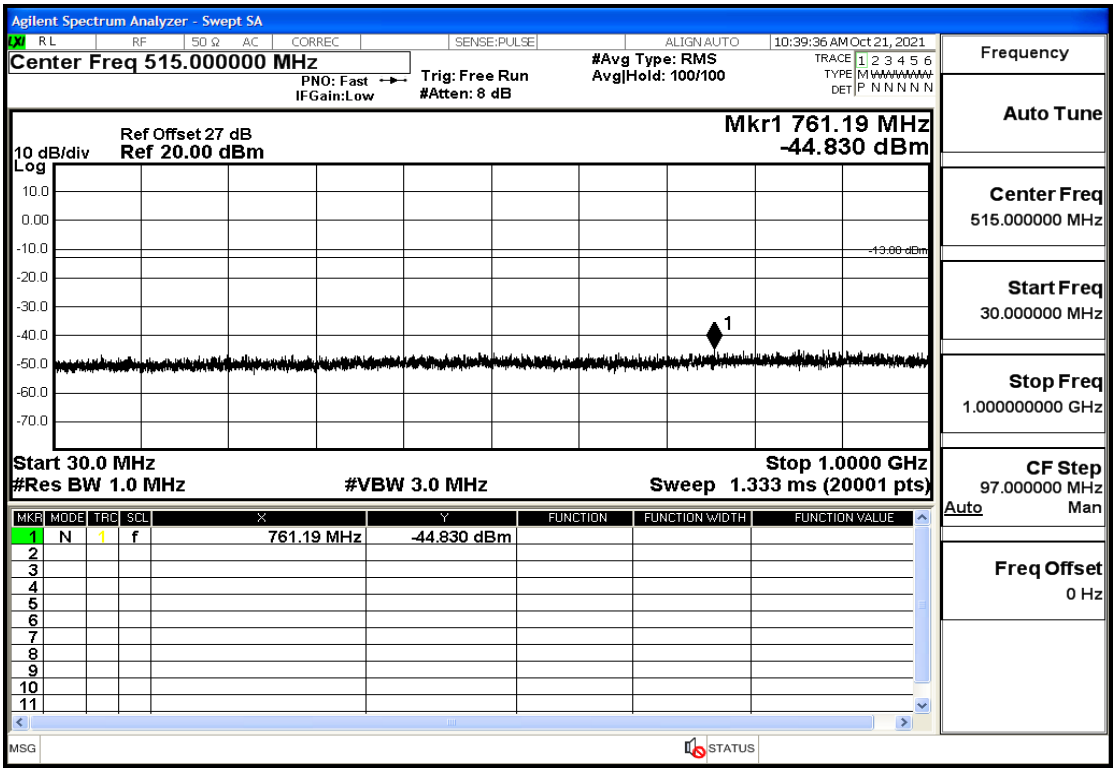
OB2-20-1860-QPSK-1#LOW@7GHz-13.6GHz@Pass



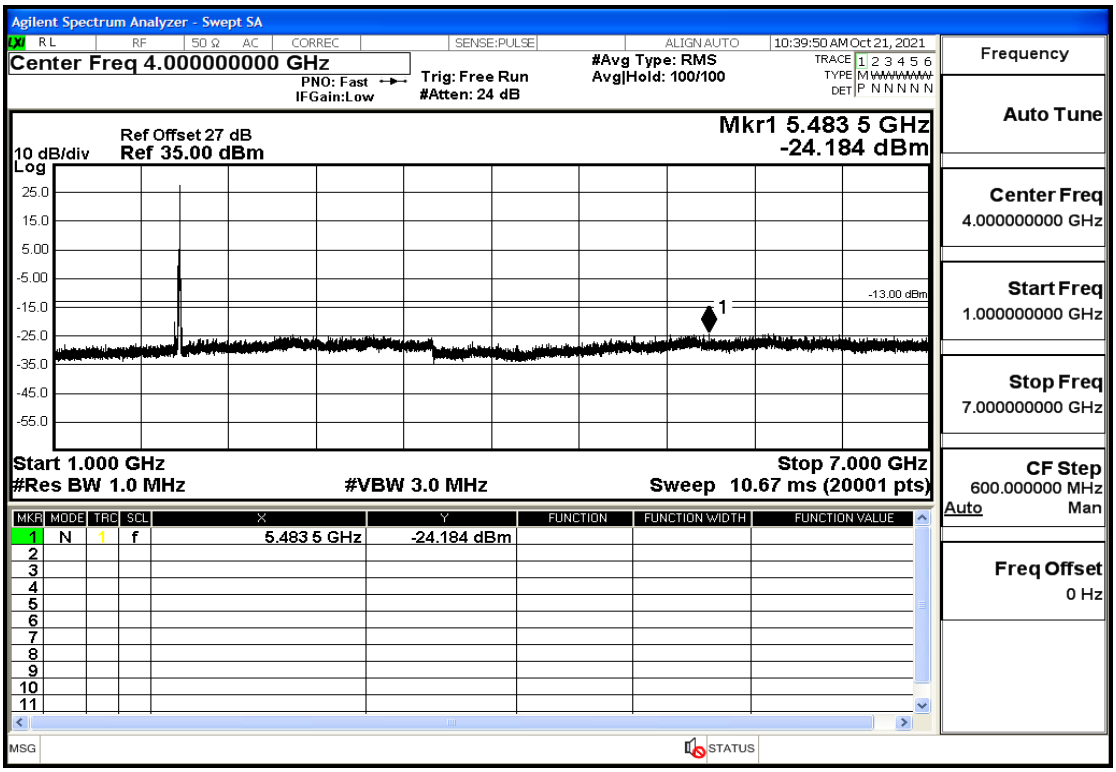
OB2-20-1860-QPSK-1#LOW@13.6GHz-20GHz@Pass



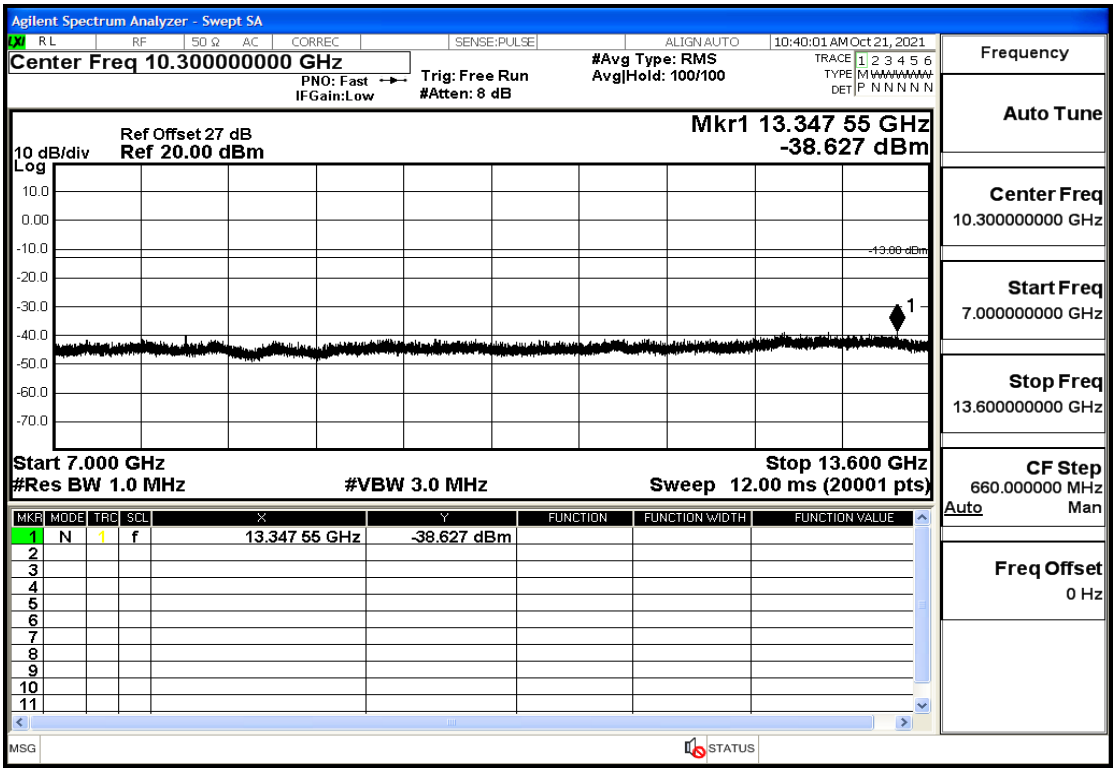
OB2-20-1860-QPSK-1#HIGH@30mHz-1GHz@Pass



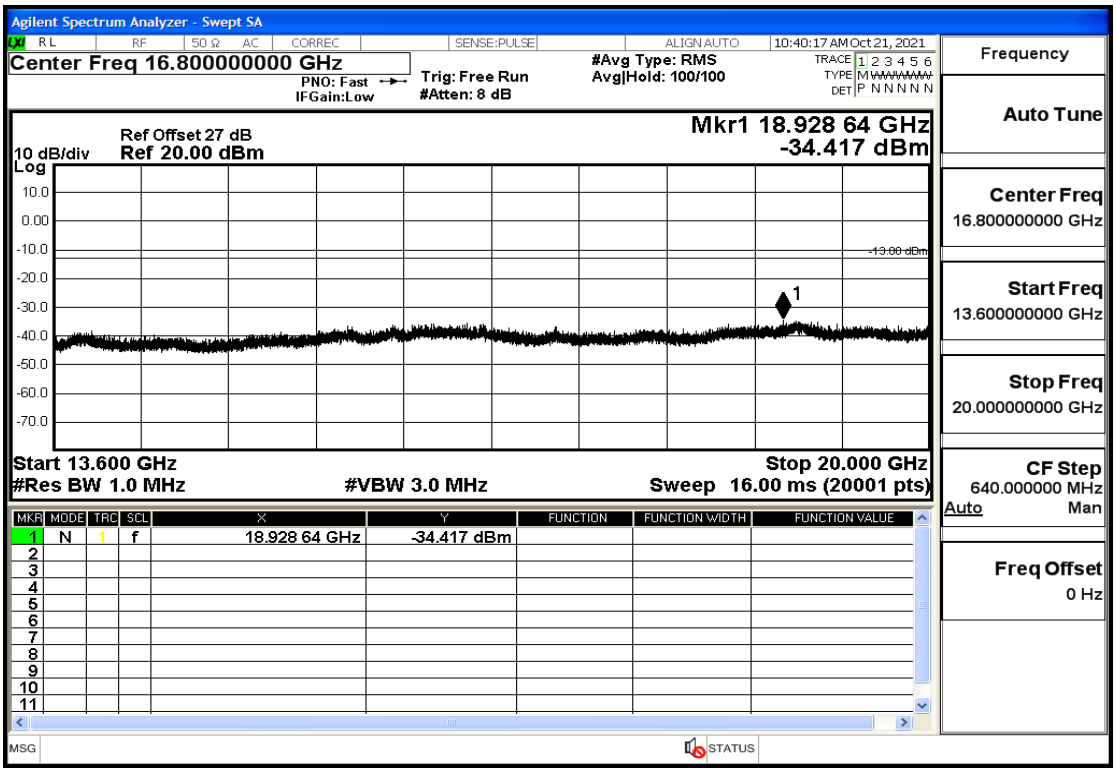
OB2-20-1860-QPSK-1#HIGH@1GHz-7GHz@Pass



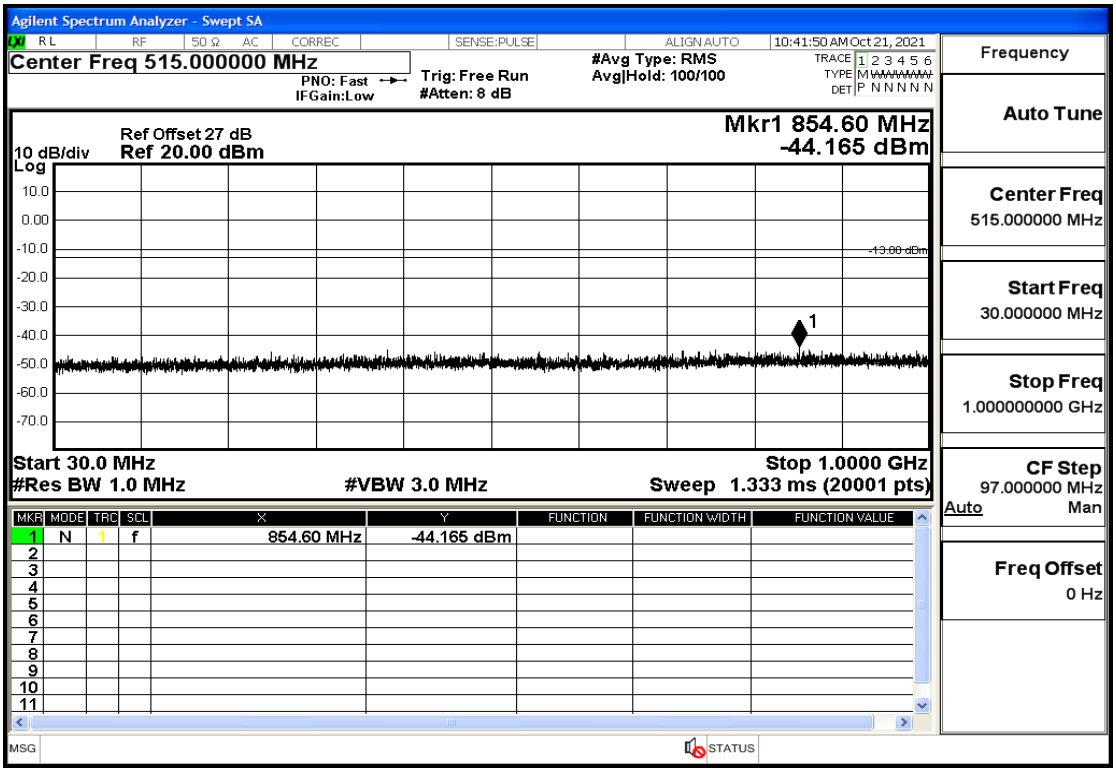
OB2-20-1860-QPSK-1#HIGH@7GHz-13.6GHz@Pass



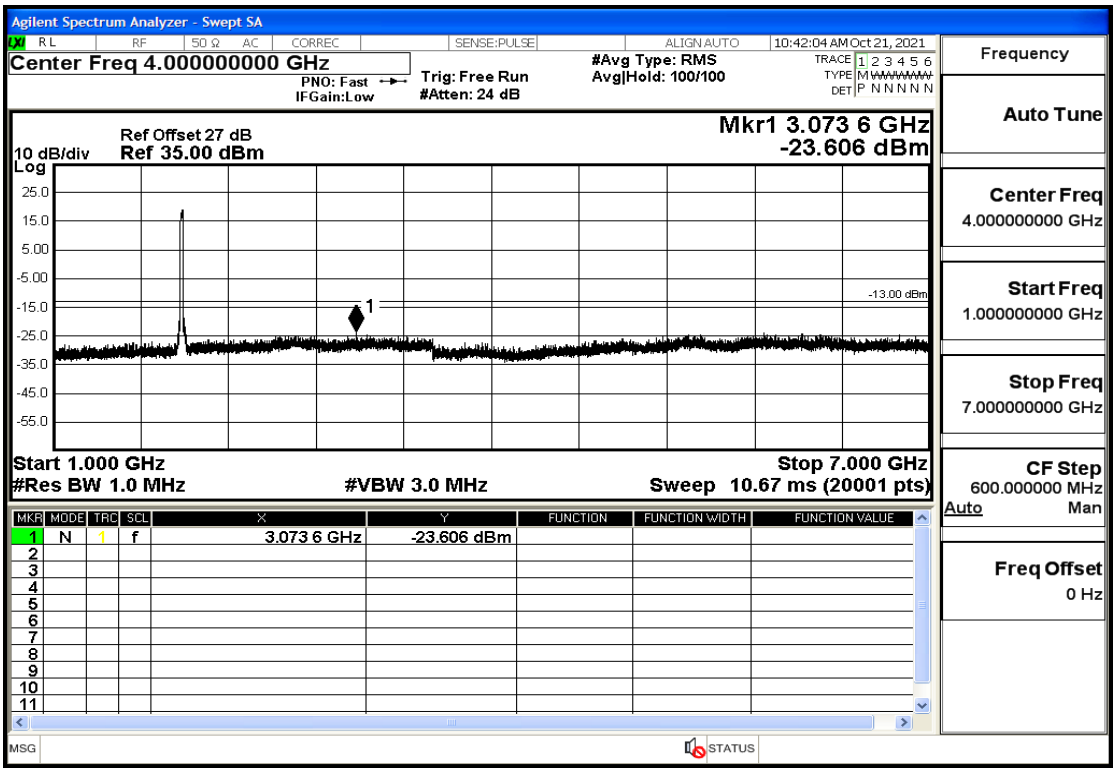
OB2-20-1860-QPSK-1#HIGH@13.6GHz-20GHz@Pass



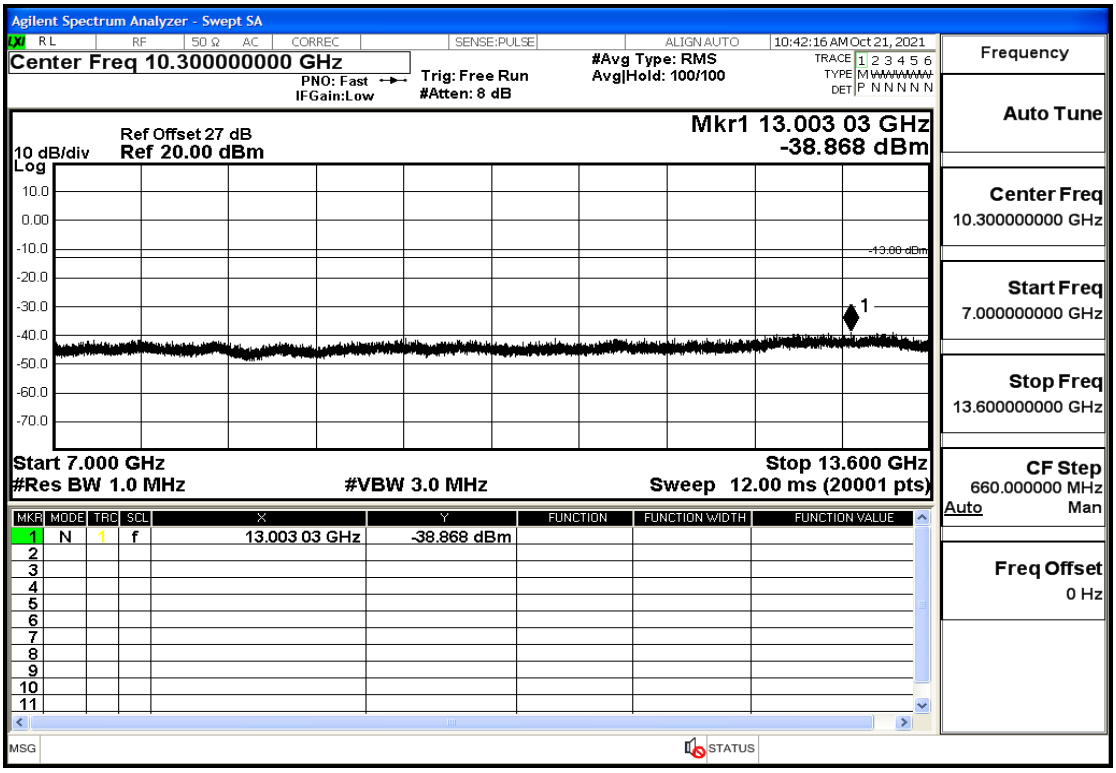
OB2-20-1880-QPSK-100#LOW@30mHz-1GHz@Pass



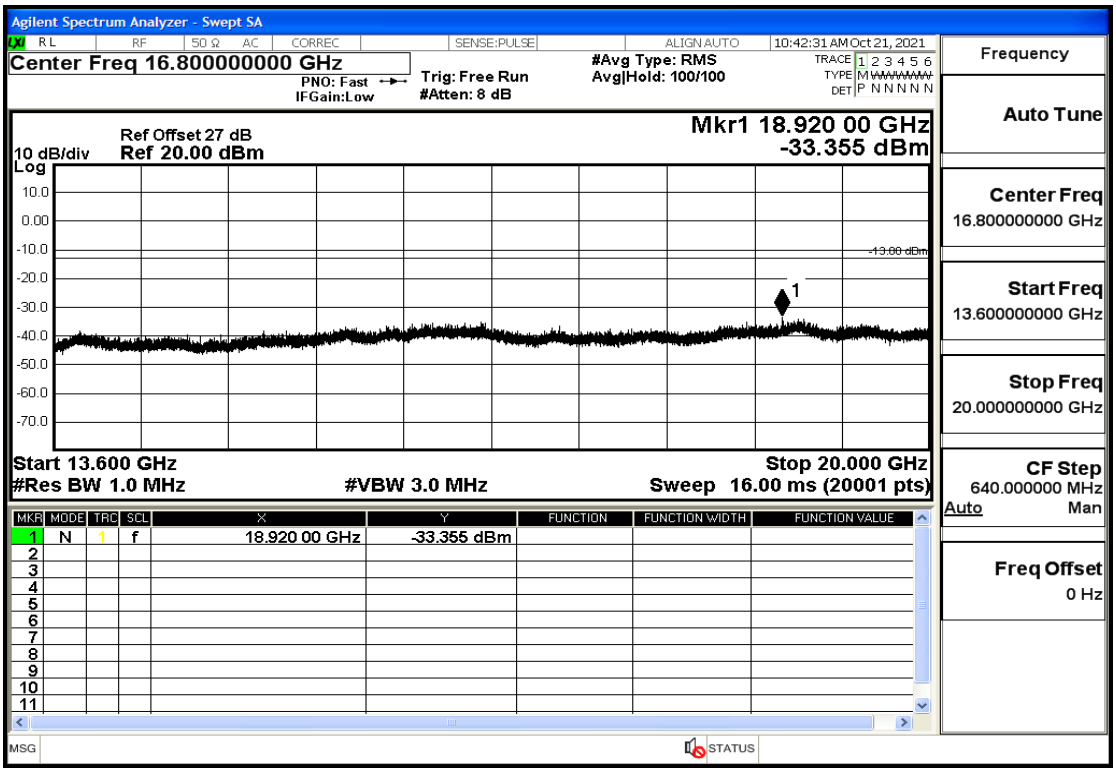
OB2-20-1880-QPSK-100#LOW@1GHz-7GHz@Pass



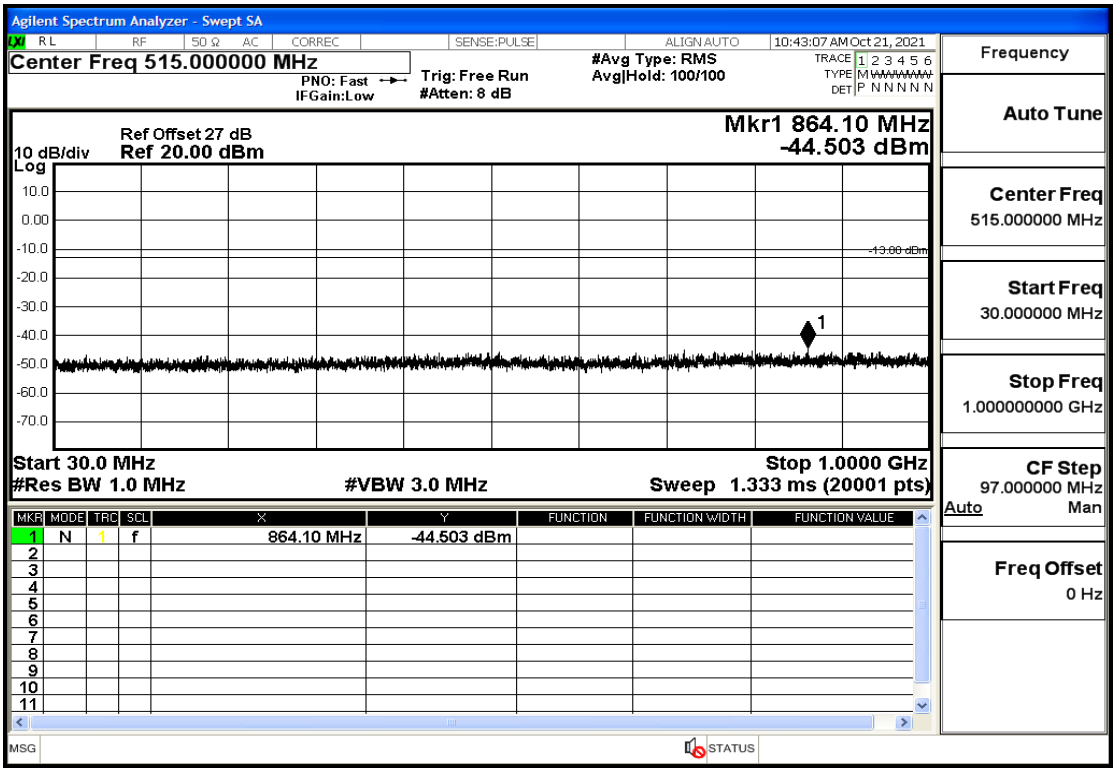
OB2-20-1880-QPSK-100#LOW@7GHz-13.6GHz@Pass



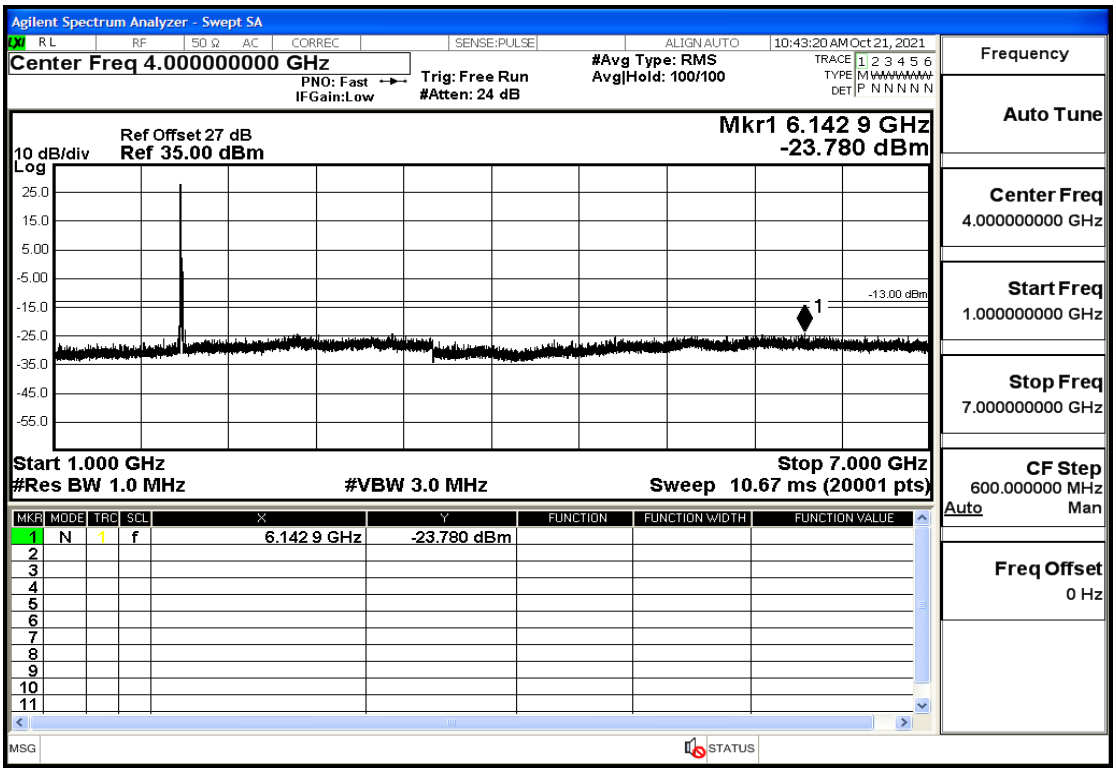
OB2-20-1880-QPSK-100#LOW@13.6GHz-20GHz@Pass



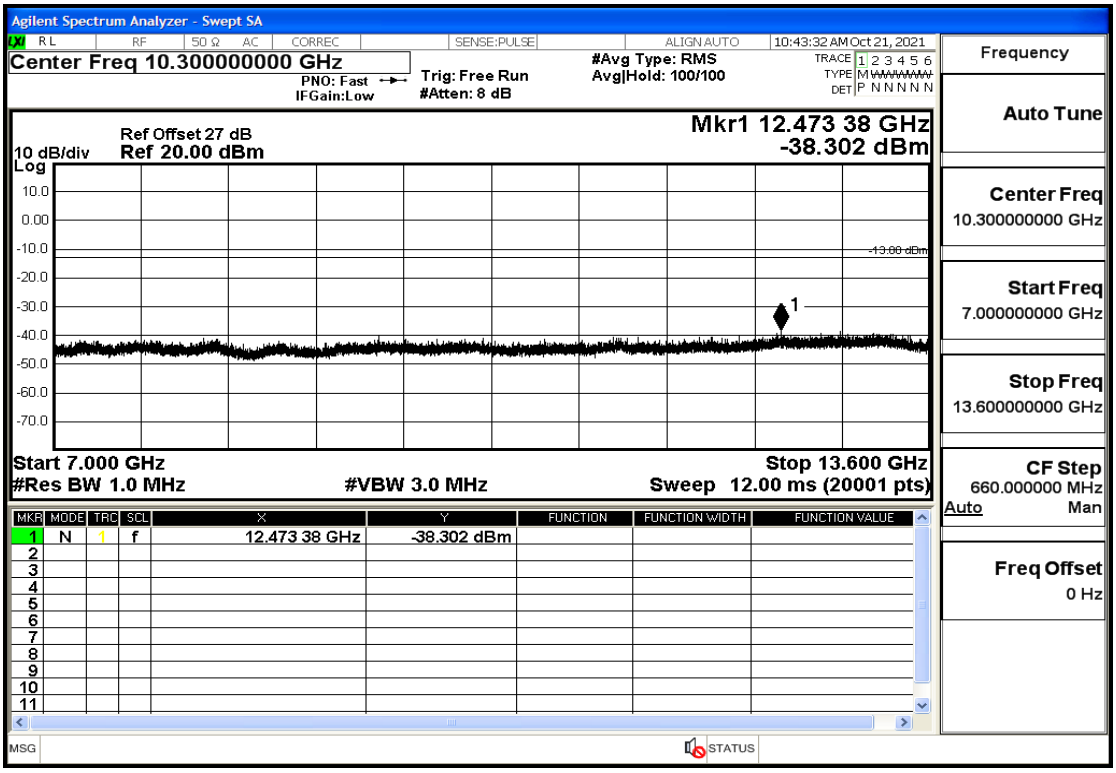
OB2-20-1880-QPSK-1#LOW@30mHz-1GHz@Pass



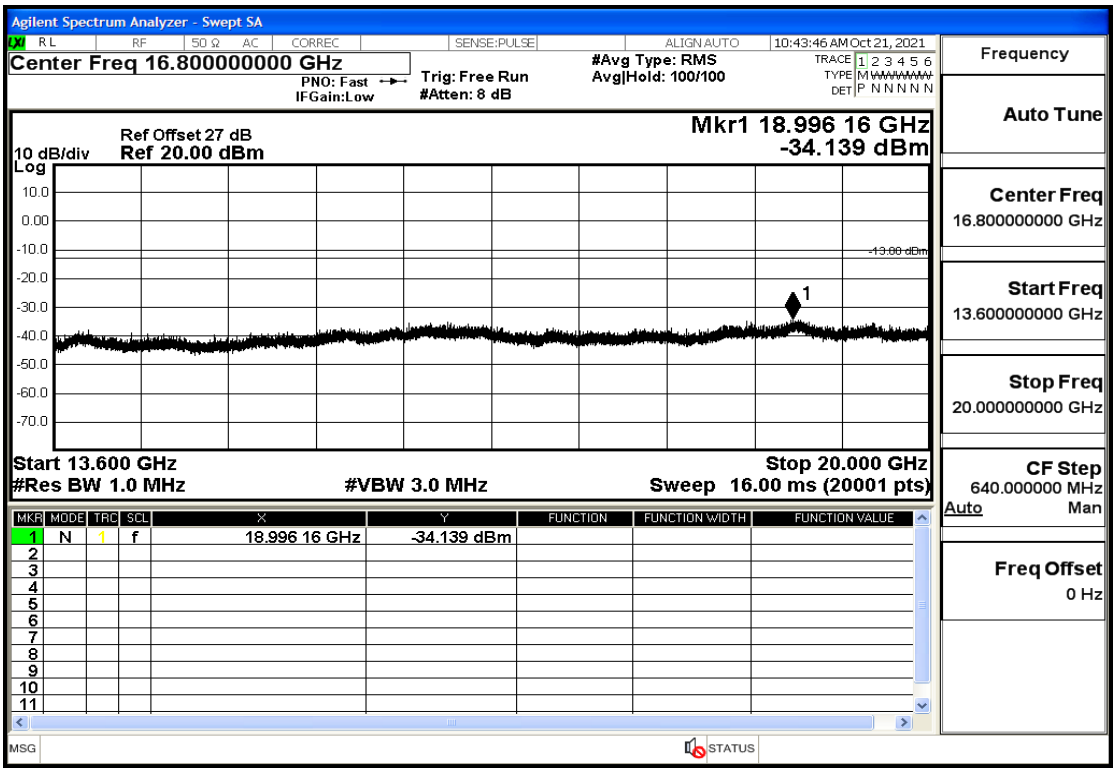
OB2-20-1880-QPSK-1#LOW@1GHz-7GHz@Pass



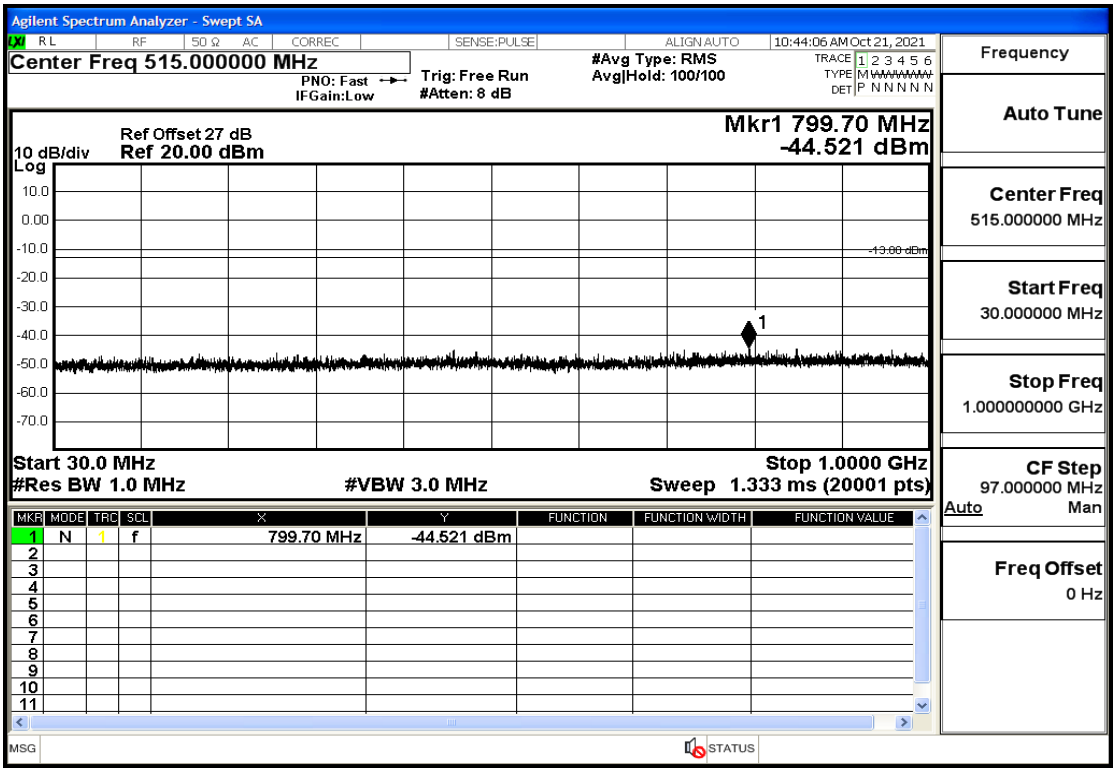
OB2-20-1880-QPSK-1#LOW@7GHz-13.6GHz@Pass



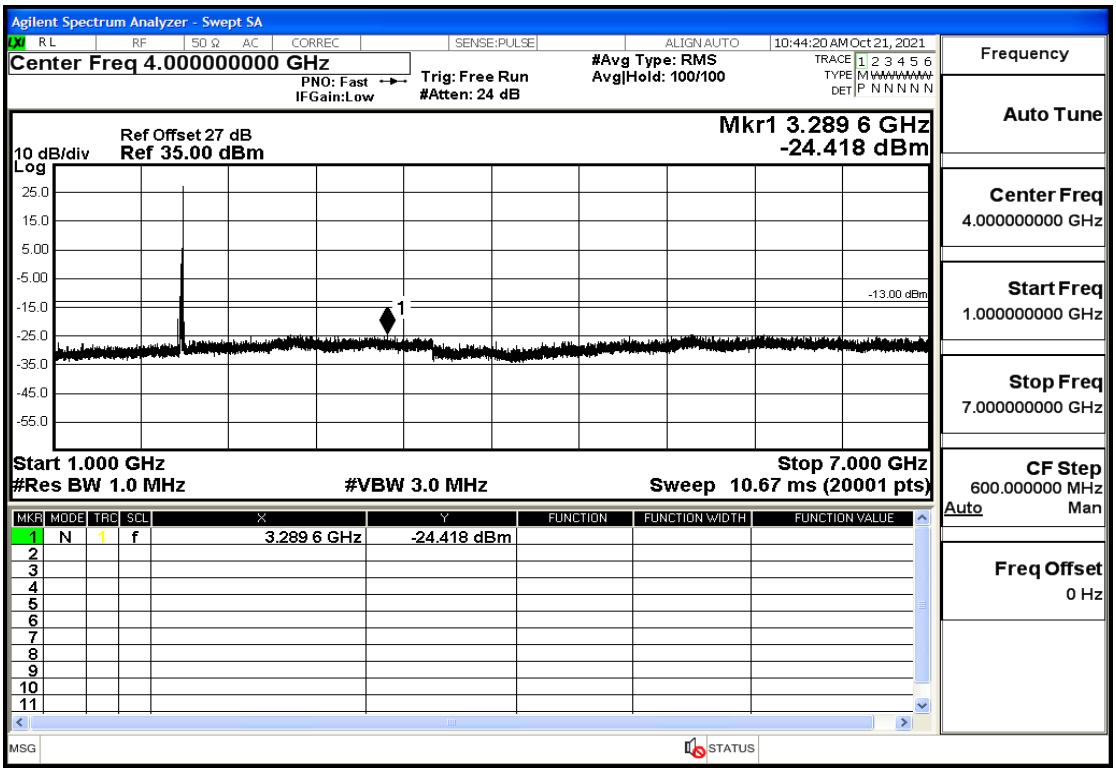
OB2-20-1880-QPSK-1#LOW@13.6GHz-20GHz@Pass



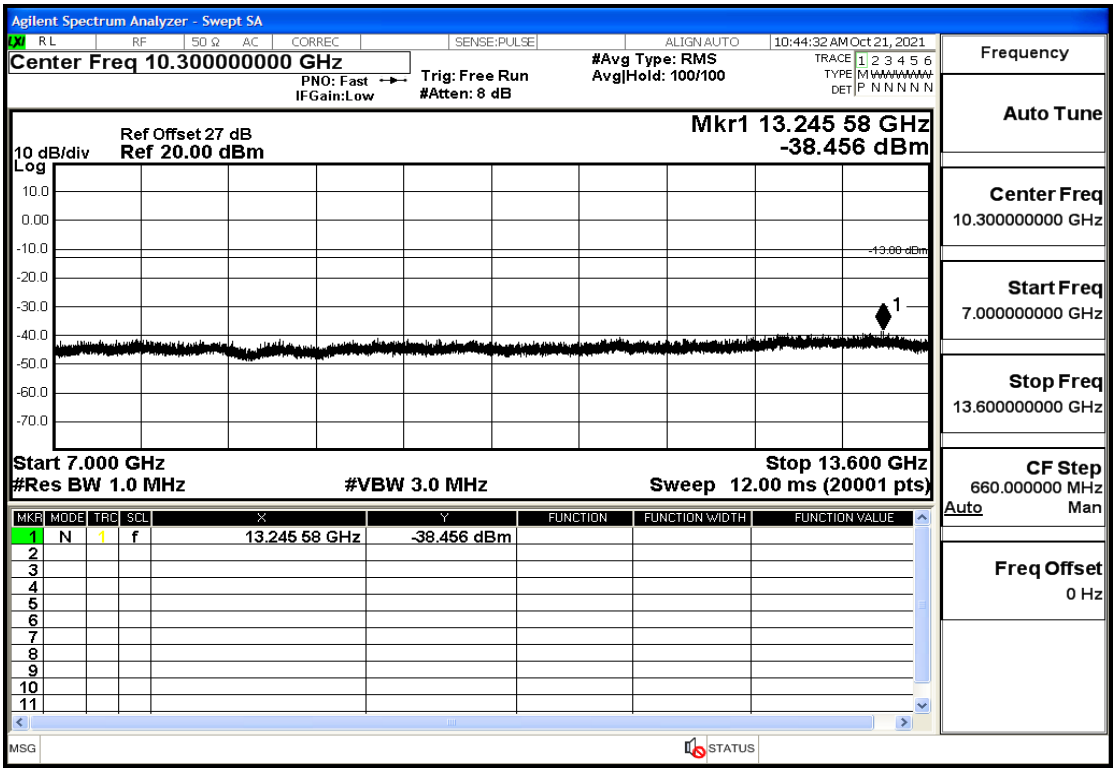
OB2-20-1880-QPSK-1#HIGH@30mHz-1GHz@Pass



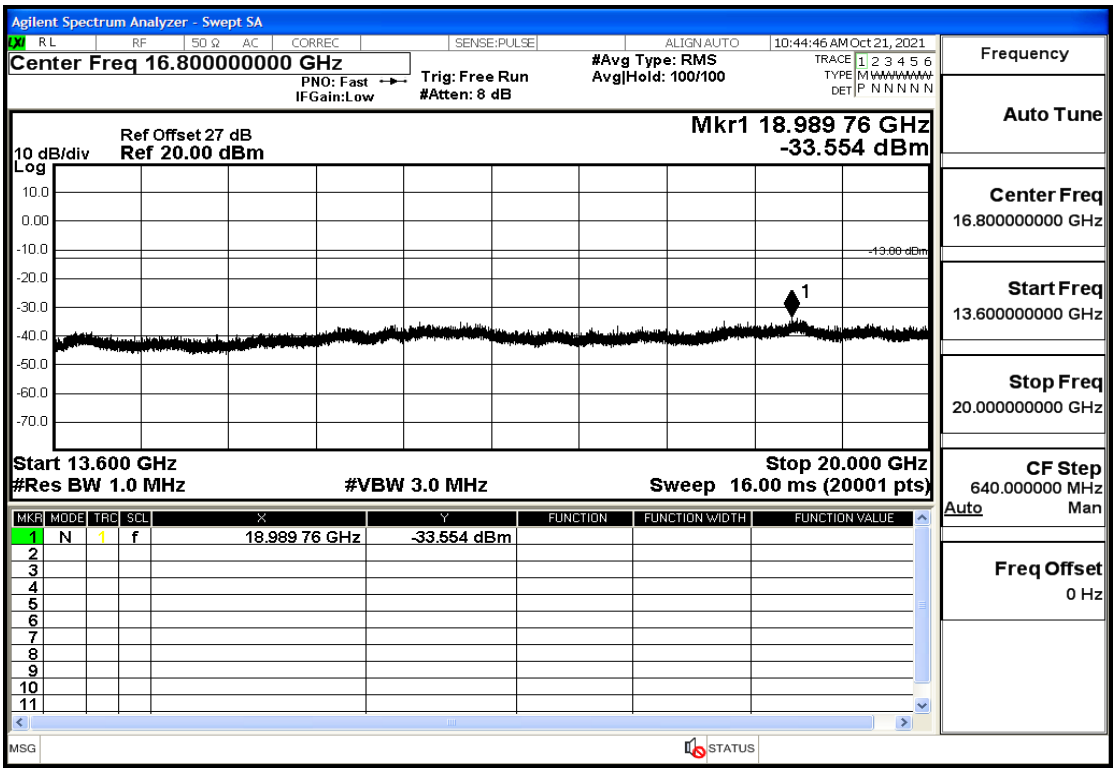
OB2-20-1880-QPSK-1#HIGH@1GHz-7GHz@Pass



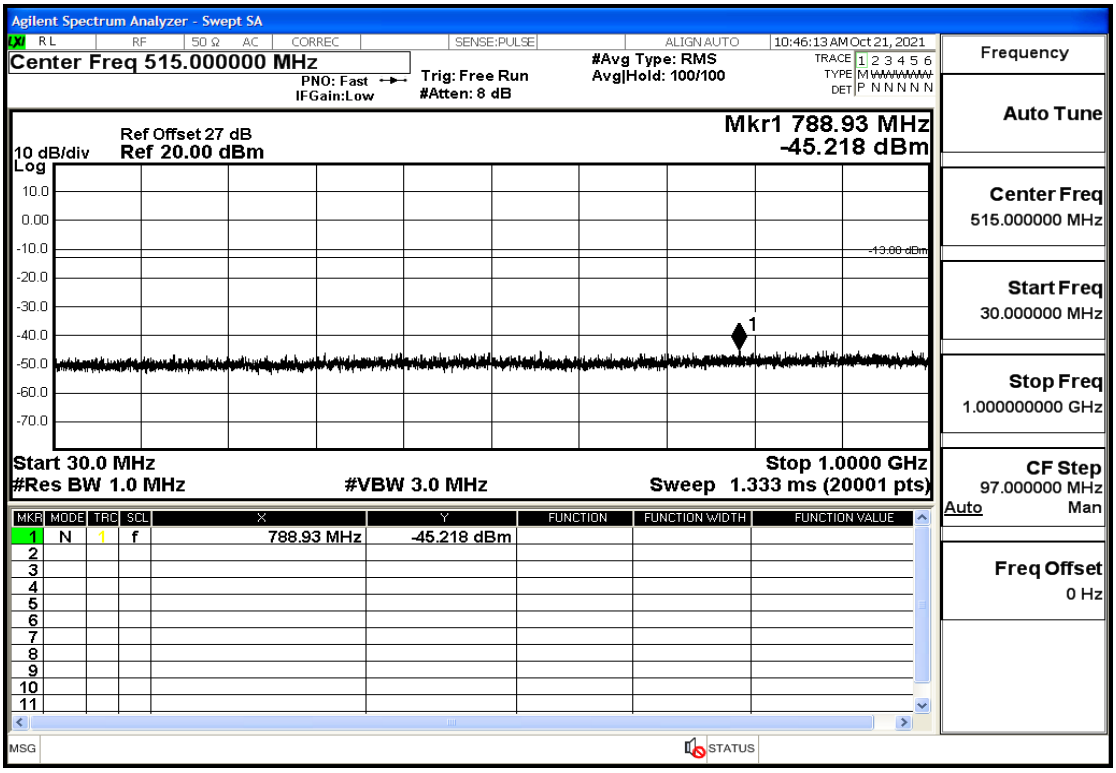
OB2-20-1880-QPSK-1#HIGH@7GHz-13.6GHz@Pass



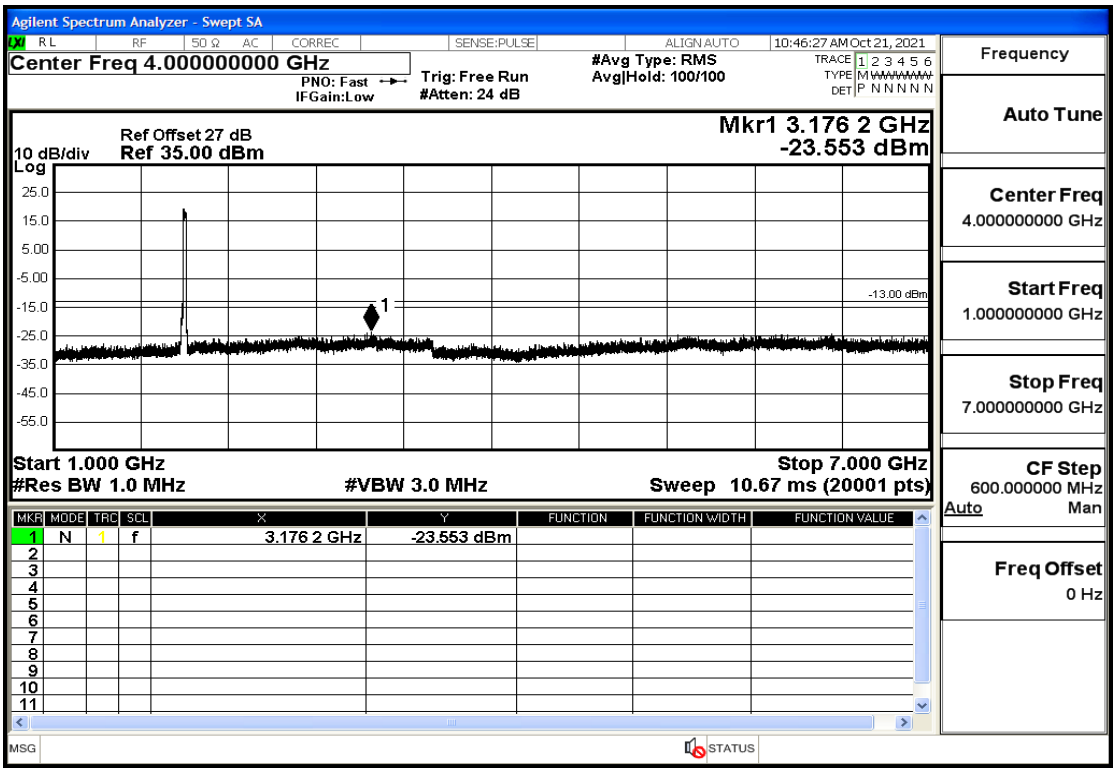
OB2-20-1880-QPSK-1#HIGH@13.6GHz-20GHz@Pass



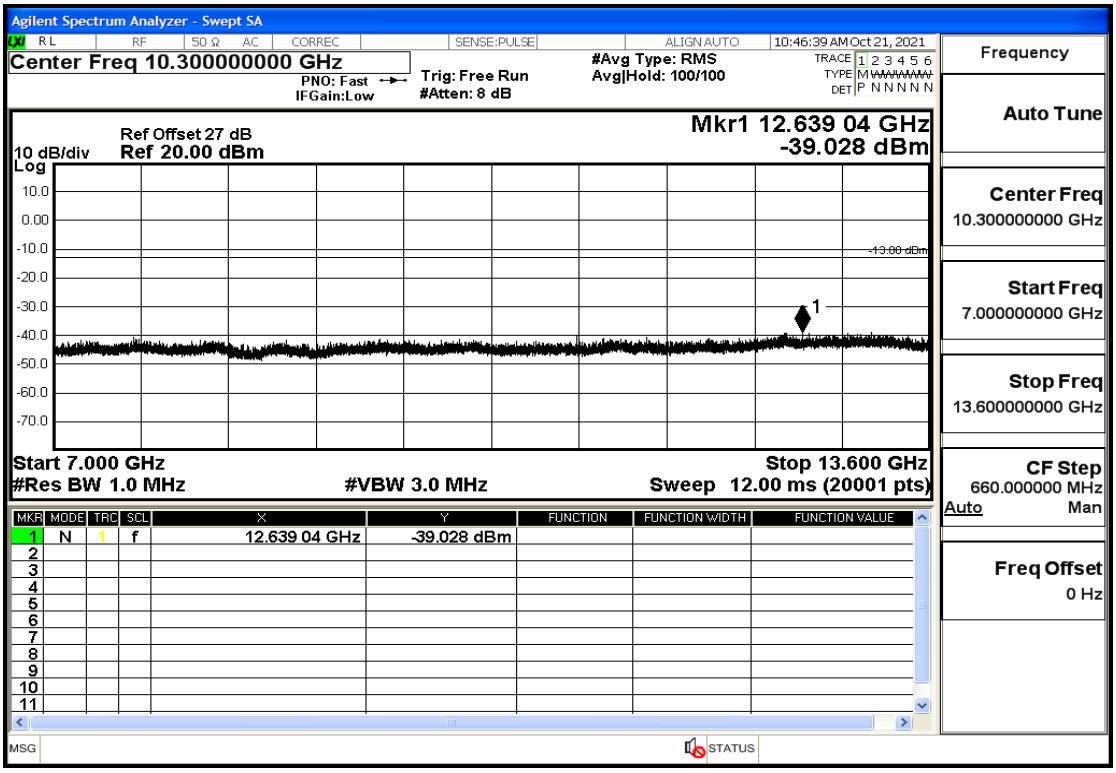
OB2-20-1900-QPSK-100#LOW@30mHz-1GHz@Pass



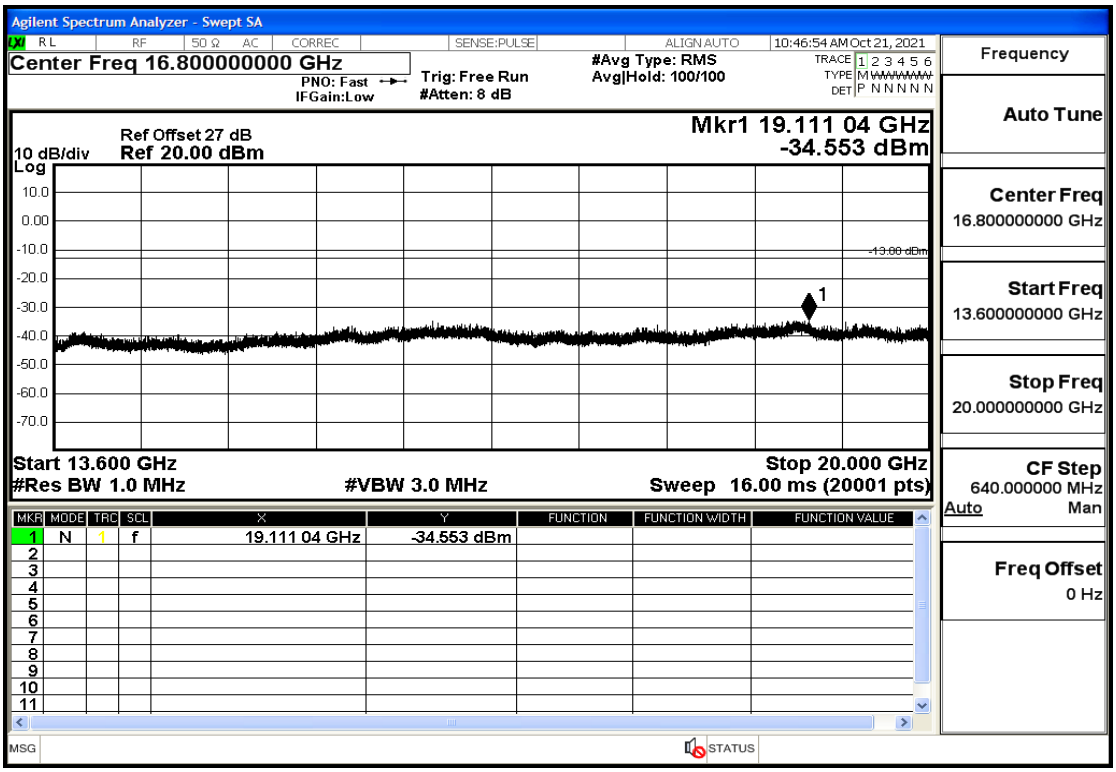
OB2-20-1900-QPSK-100#LOW@1GHz-7GHz@Pass



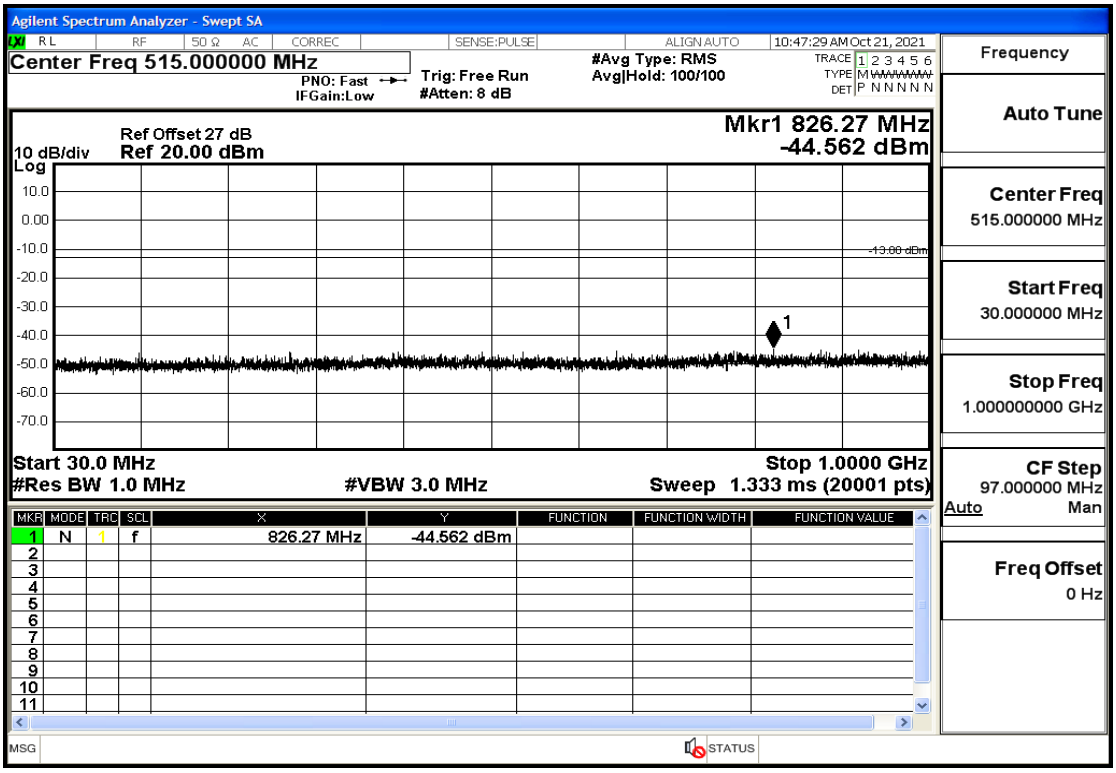
OB2-20-1900-QPSK-100#LOW@7GHz-13.6GHz@Pass



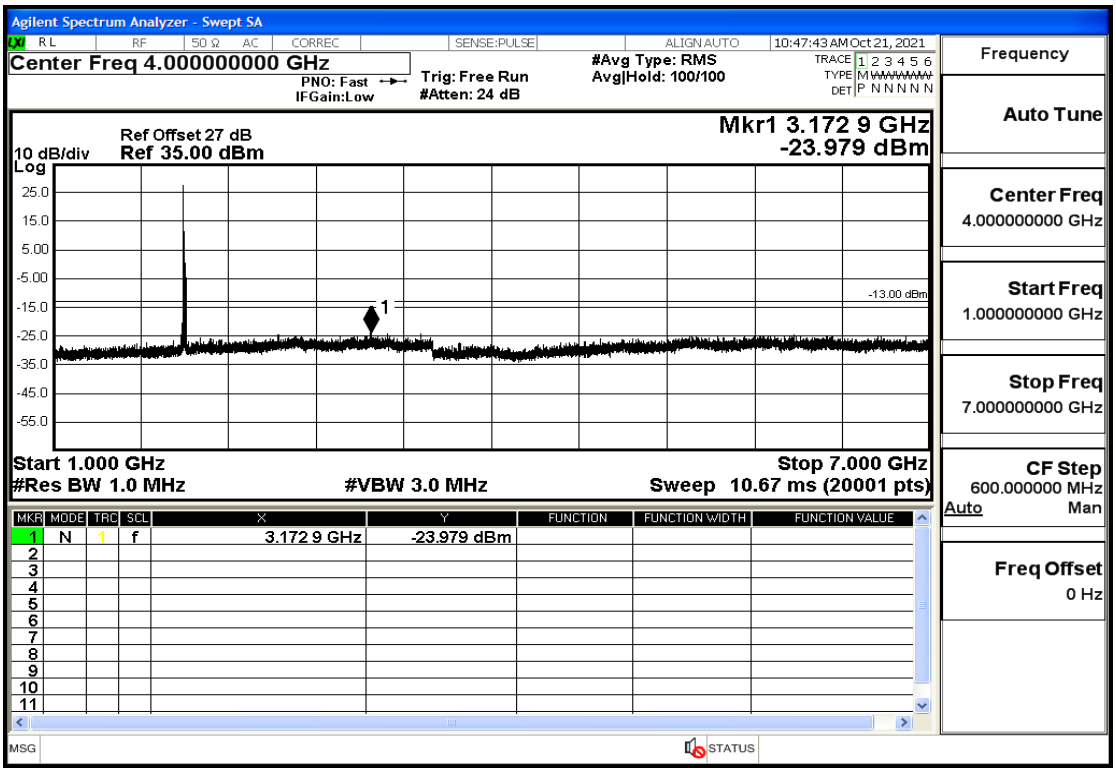
OB2-20-1900-QPSK-100#LOW@13.6GHz-20GHz@Pass



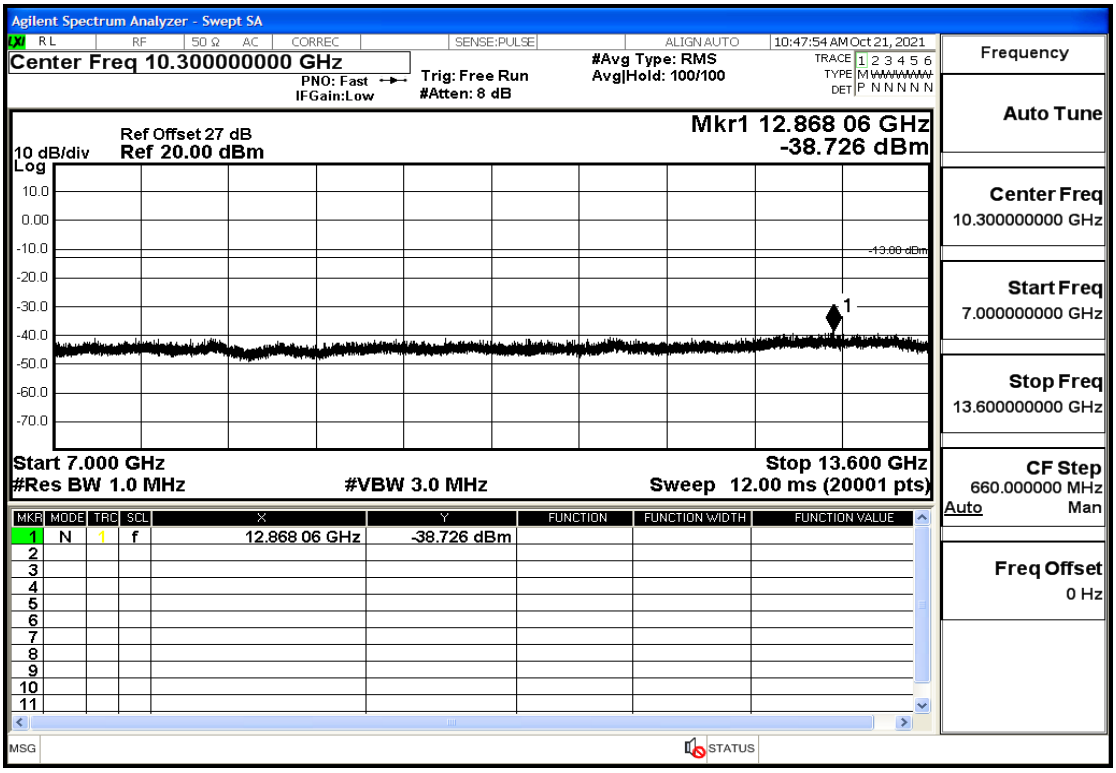
OB2-20-1900-QPSK-1#LOW@30mHz-1GHz@Pass



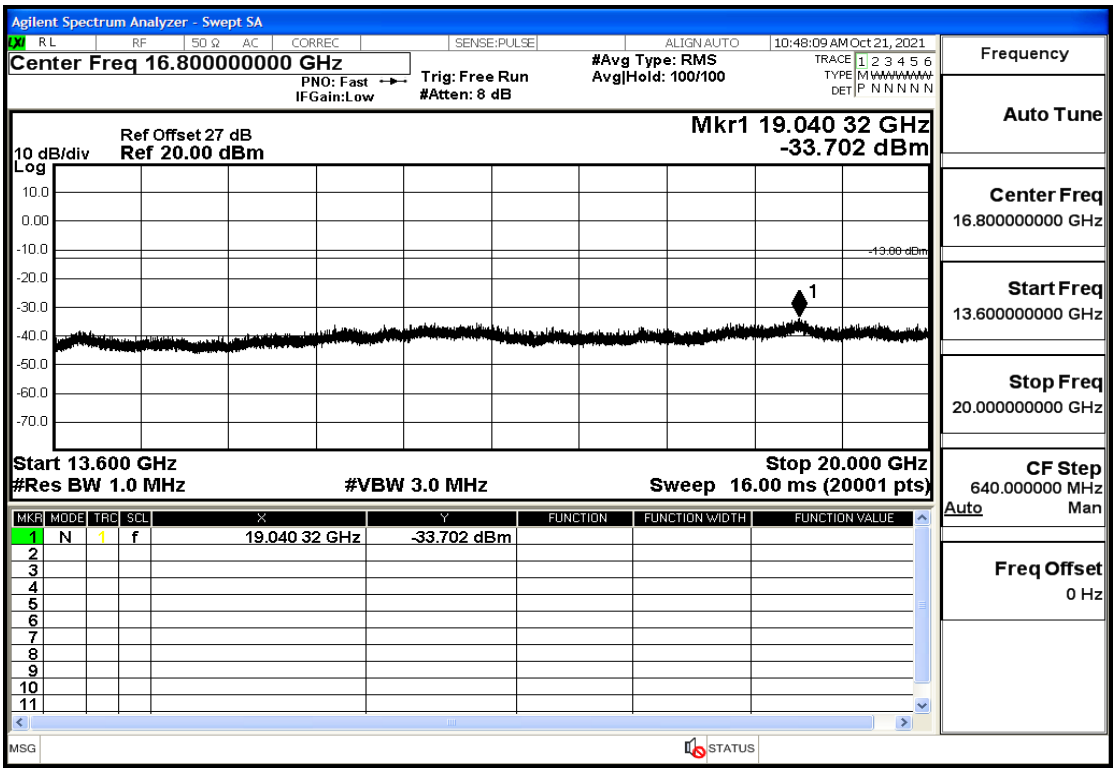
OB2-20-1900-QPSK-1#LOW@1GHz-7GHz@Pass



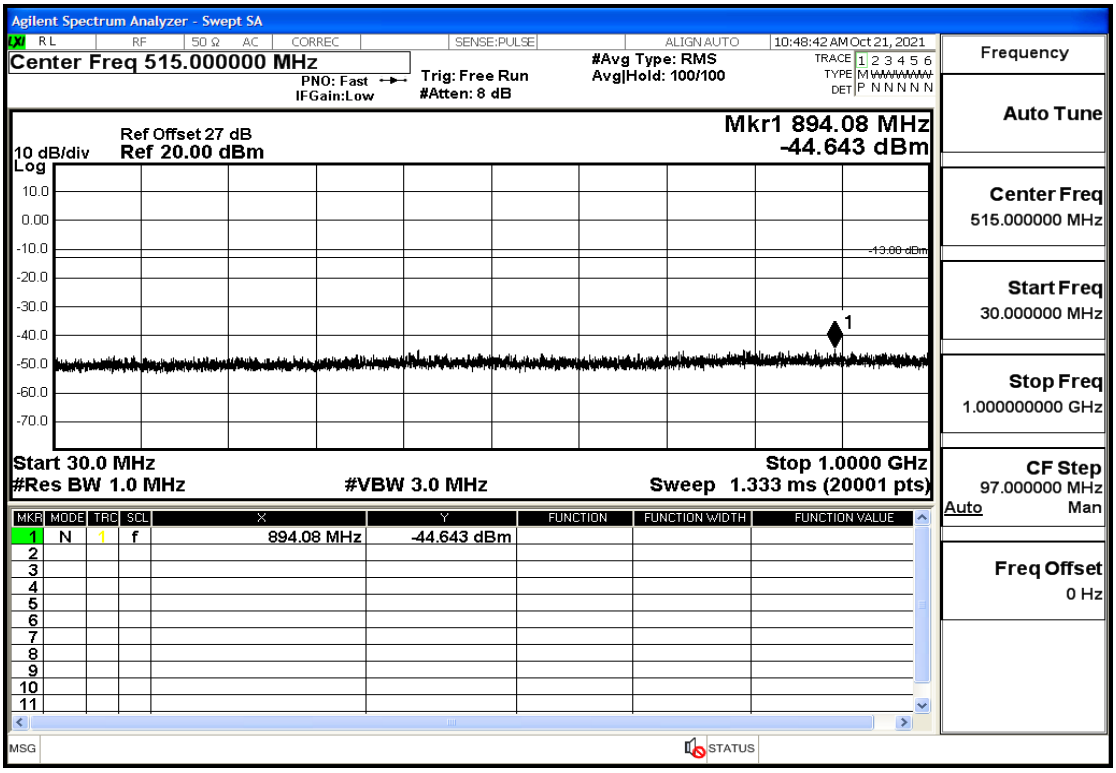
OB2-20-1900-QPSK-1#LOW@7GHz-13.6GHz@Pass



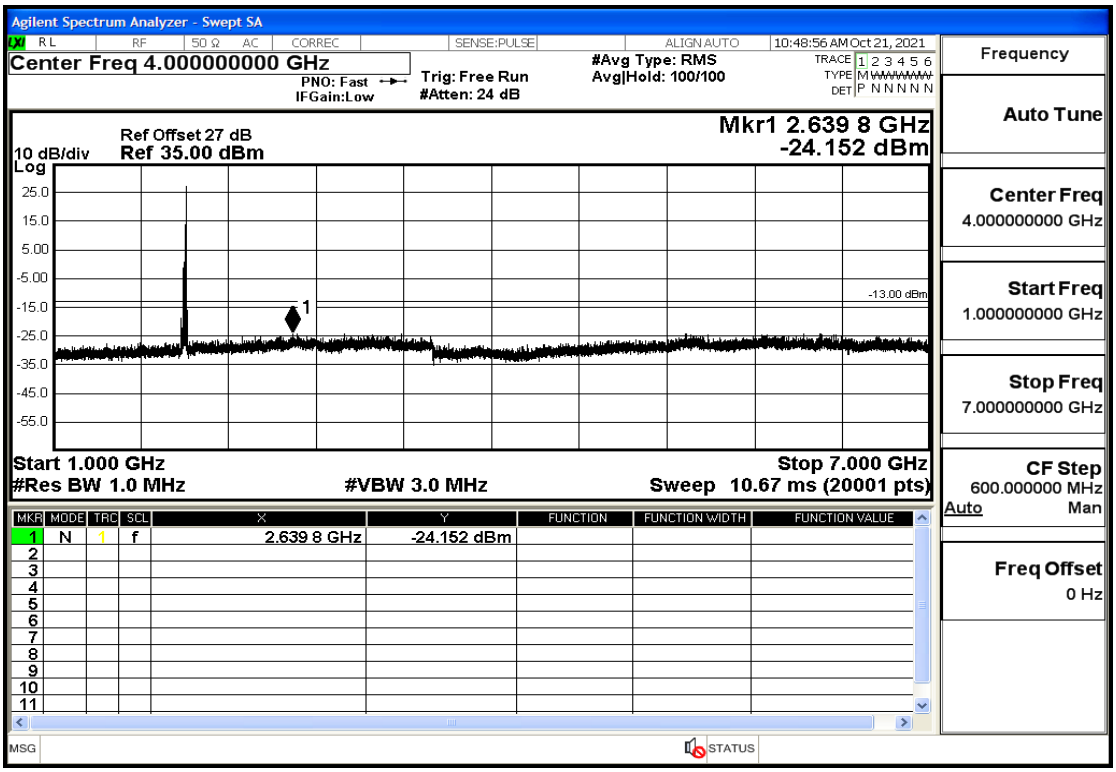
OB2-20-1900-QPSK-1#LOW@13.6GHz-20GHz@Pass



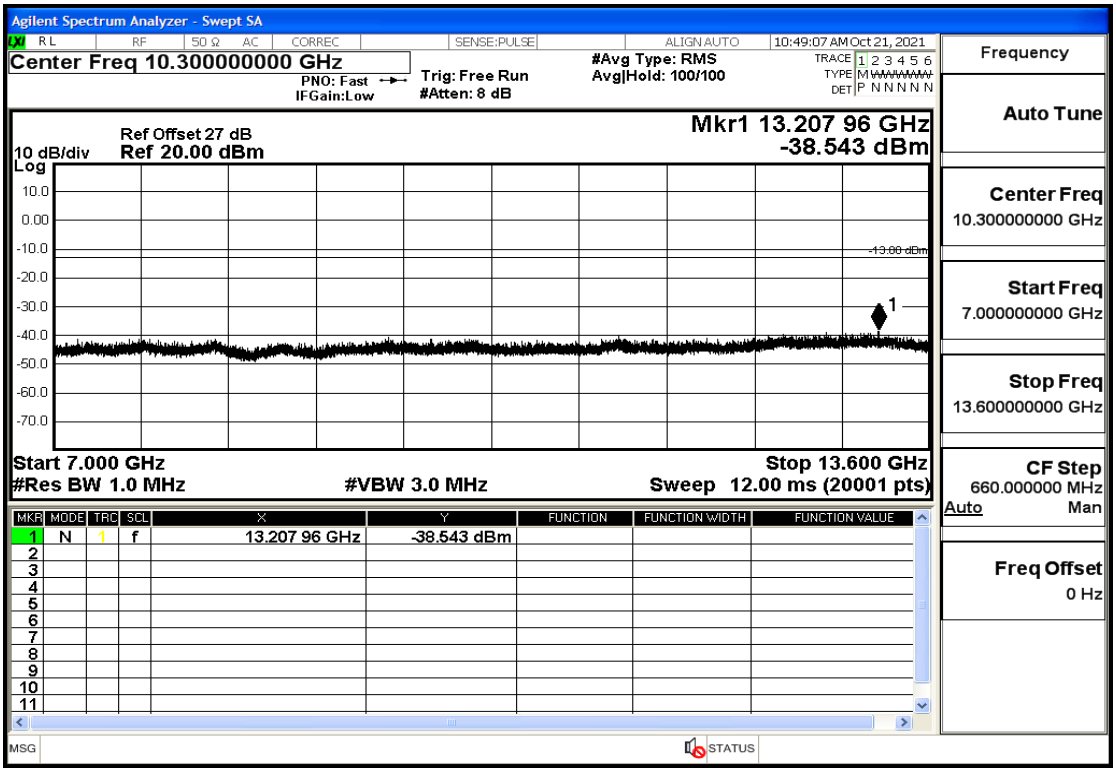
OB2-20-1900-QPSK-1#HIGH@30mHz-1GHz@Pass



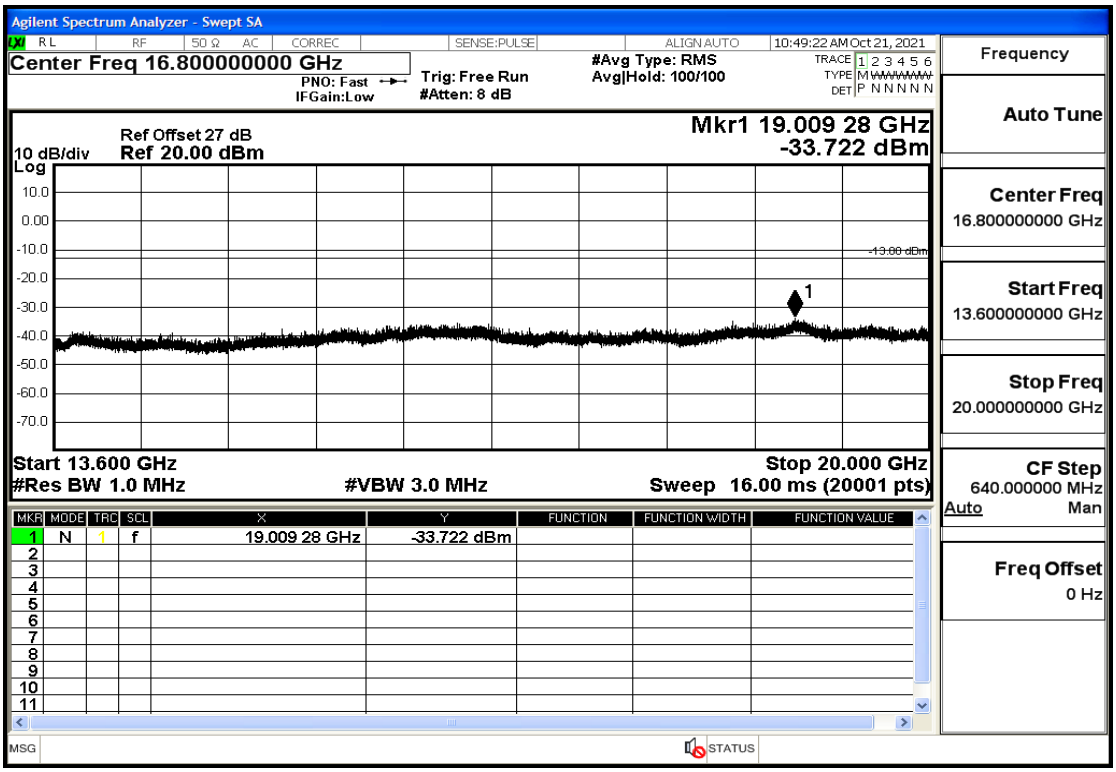
OB2-20-1900-QPSK-1#HIGH@1GHz-7GHz@Pass



OB2-20-1900-QPSK-1#HIGH@7GHz-13.6GHz@Pass



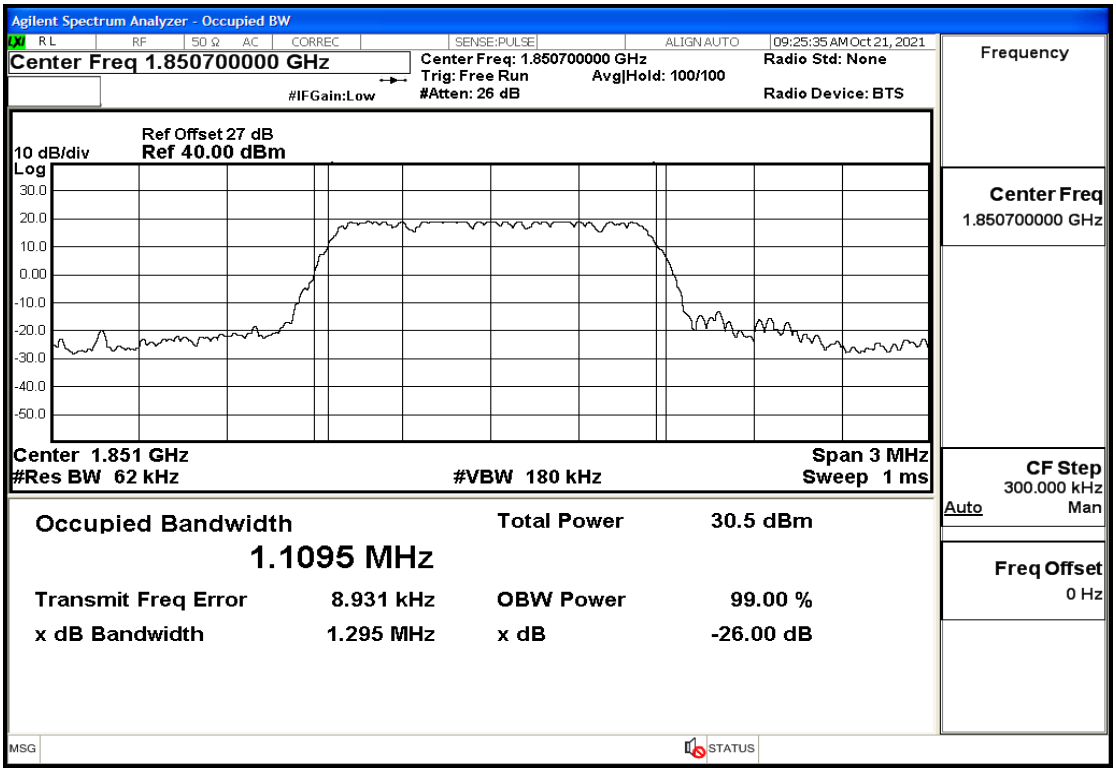
OB2-20-1900-QPSK-1#HIGH@13.6GHz-20GHz@Pass



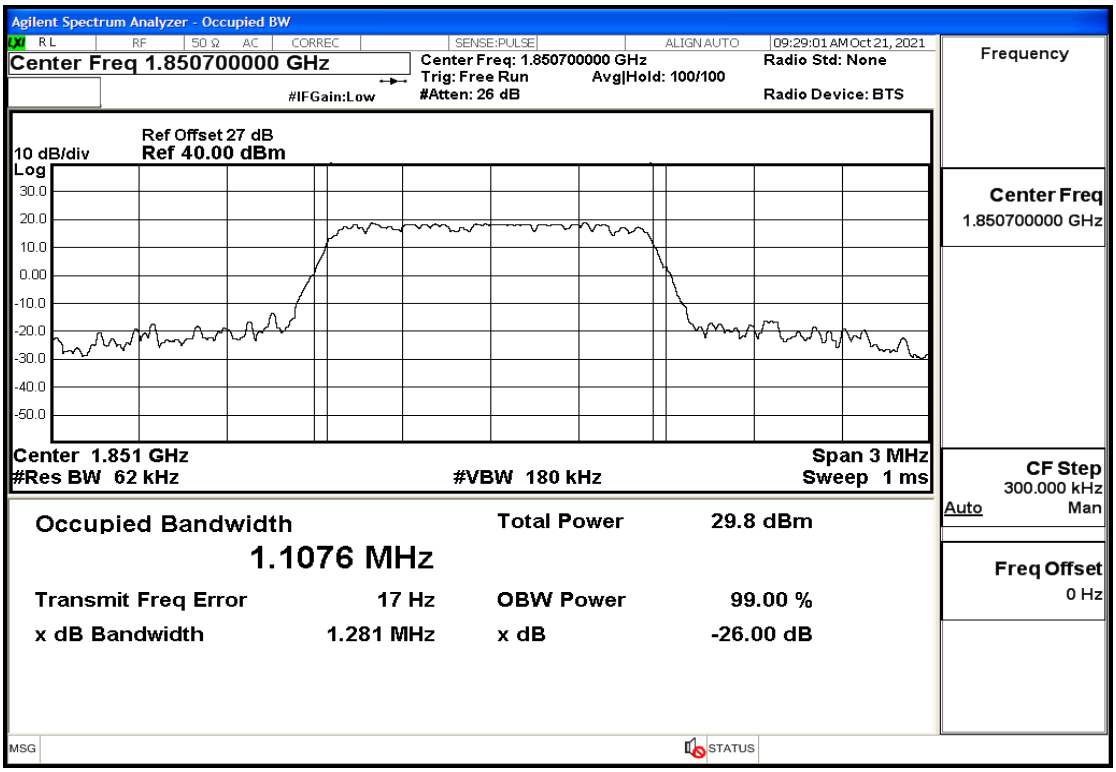
Emission bandwidth and OBW

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	1109.5	1295	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1107.6	1281	No limit
Band2	1.4	1880	QPSK	6	LOW	1133.6	1287	No limit
Band2	1.4	1880	16QAM	6	LOW	1121.6	1292	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1111.5	1295	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1118.6	1282	No limit
Band2	3	1851.5	QPSK	15	LOW	2752	3099	No limit
Band2	3	1851.5	16QAM	15	LOW	2740	3081	No limit
Band2	3	1880	QPSK	15	LOW	2745.1	3068	No limit
Band2	3	1880	16QAM	15	LOW	2754.7	3096	No limit
Band2	3	1908.5	QPSK	15	LOW	2755.7	3104	No limit
Band2	3	1908.5	16QAM	15	LOW	2768.7	3125	No limit
Band2	5	1852.5	QPSK	25	LOW	4573.1	5087	No limit
Band2	5	1852.5	16QAM	25	LOW	4563.9	5056	No limit
Band2	5	1880	QPSK	25	LOW	4566.8	5072	No limit
Band2	5	1880	16QAM	25	LOW	4562.4	5070	No limit
Band2	5	1907.5	QPSK	25	LOW	4576.4	5067	No limit
Band2	5	1907.5	16QAM	25	LOW	4600.5	5107	No limit
Band2	10	1855	QPSK	50	LOW	9087.7	10090	No limit
Band2	10	1855	16QAM	50	LOW	9113.6	10110	No limit
Band2	10	1880	QPSK	50	LOW	9106.1	10050	No limit
Band2	10	1880	16QAM	50	LOW	9119.5	10090	No limit
Band2	10	1905	QPSK	50	LOW	9118.1	10170	No limit
Band2	10	1905	16QAM	50	LOW	9109.1	10110	No limit
Band2	15	1857.5	QPSK	75	LOW	13693	15350	No limit
Band2	15	1857.5	16QAM	75	LOW	13693	15350	No limit
Band2	15	1880	QPSK	75	LOW	13696	15190	No limit
Band2	15	1880	16QAM	75	LOW	13661	15150	No limit
Band2	15	1902.5	QPSK	75	LOW	13707	15290	No limit
Band2	15	1902.5	16QAM	75	LOW	13707	15270	No limit
Band2	20	1860	QPSK	100	LOW	18228	19830	No limit
Band2	20	1860	16QAM	100	LOW	18210	19910	No limit
Band2	20	1880	QPSK	100	LOW	18218	20060	No limit
Band2	20	1880	16QAM	100	LOW	18275	20050	No limit
Band2	20	1900	QPSK	100	LOW	18280	20100	No limit
Band2	20	1900	16QAM	100	LOW	18259	20250	No limit

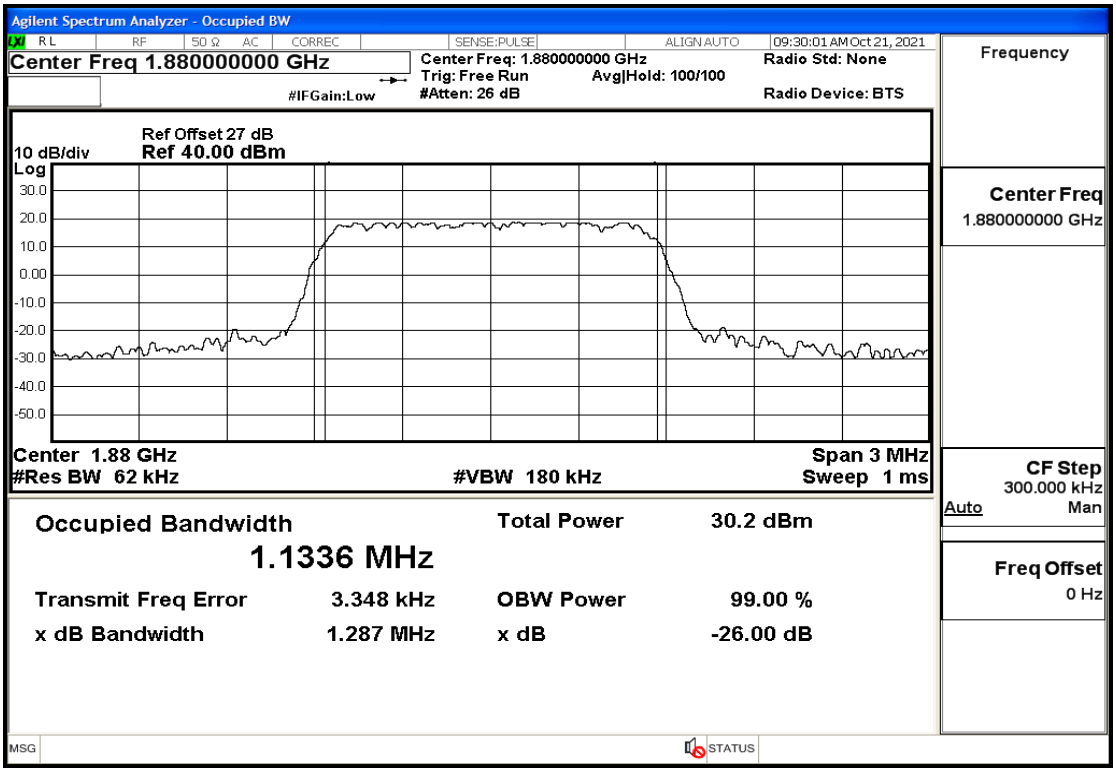
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



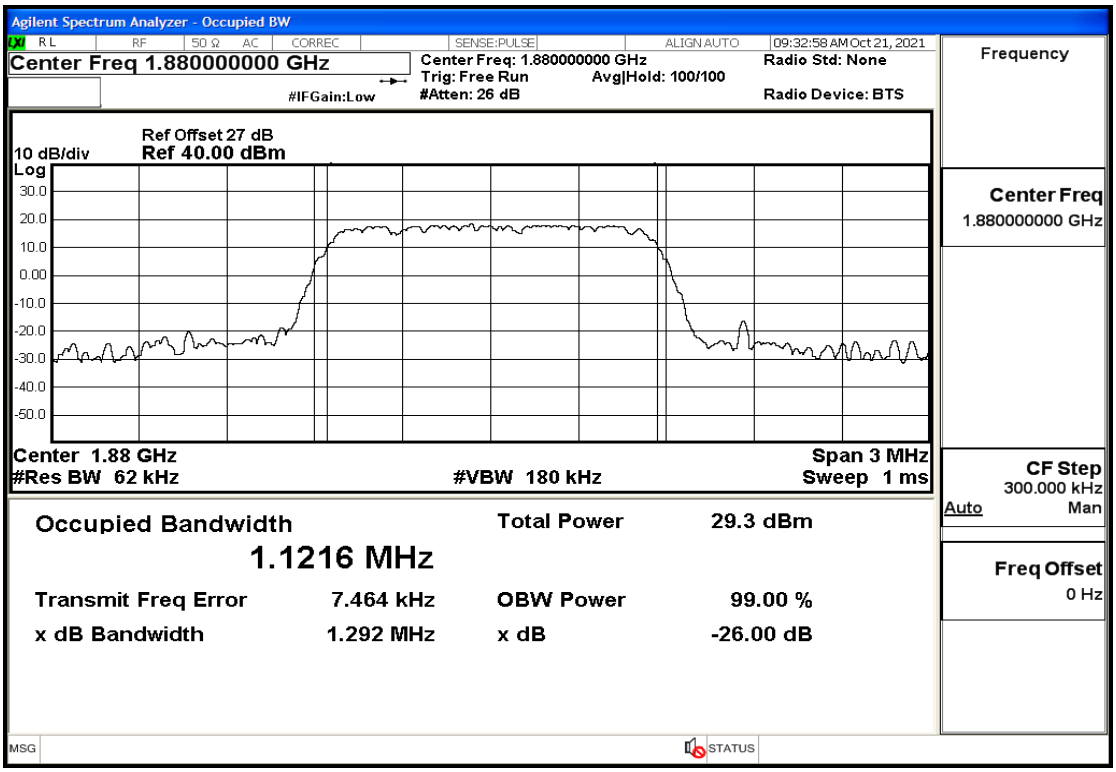
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



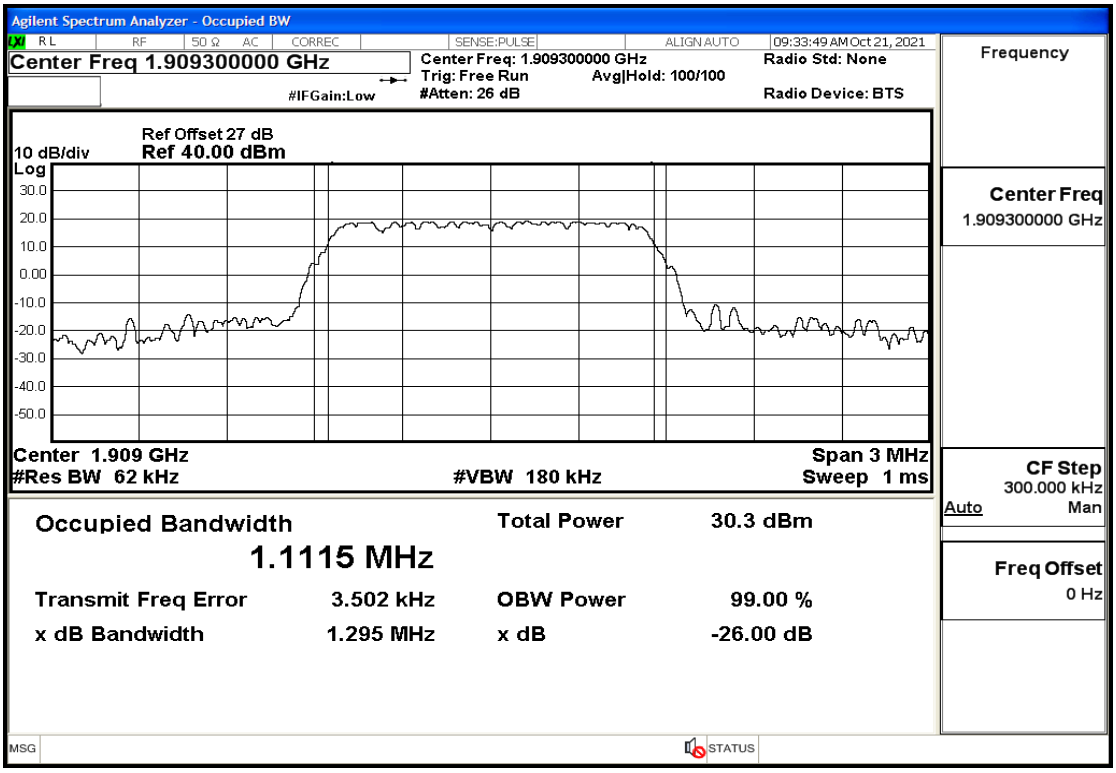
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



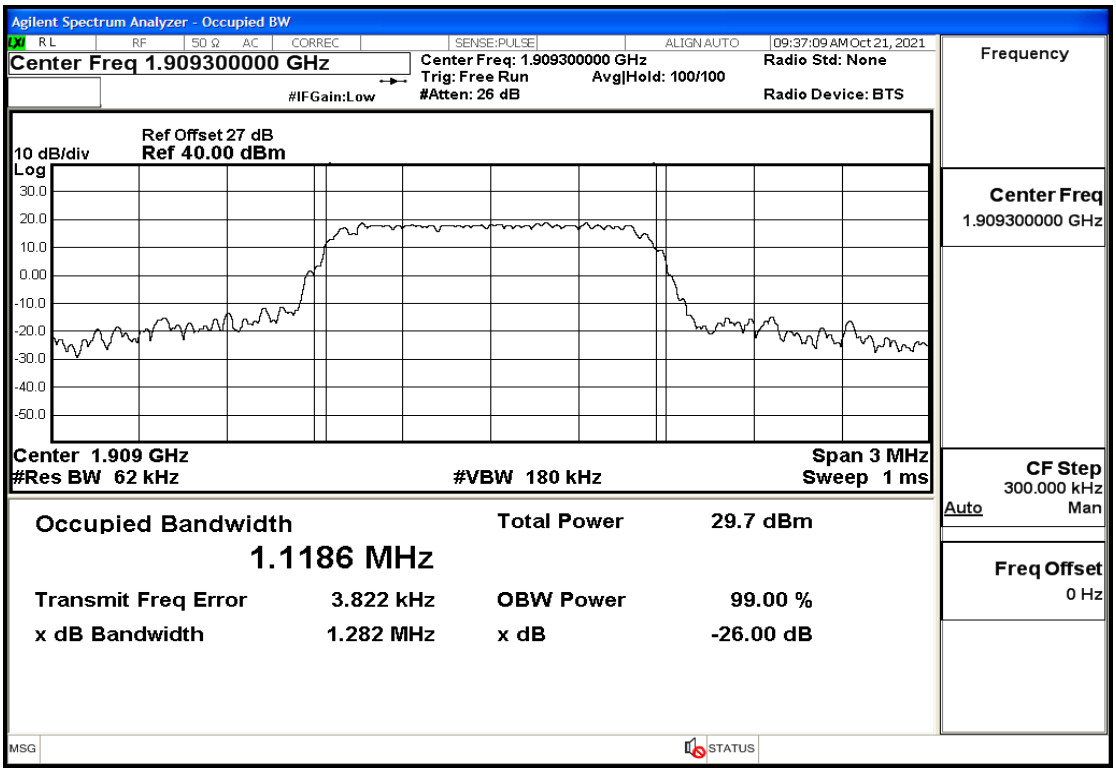
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



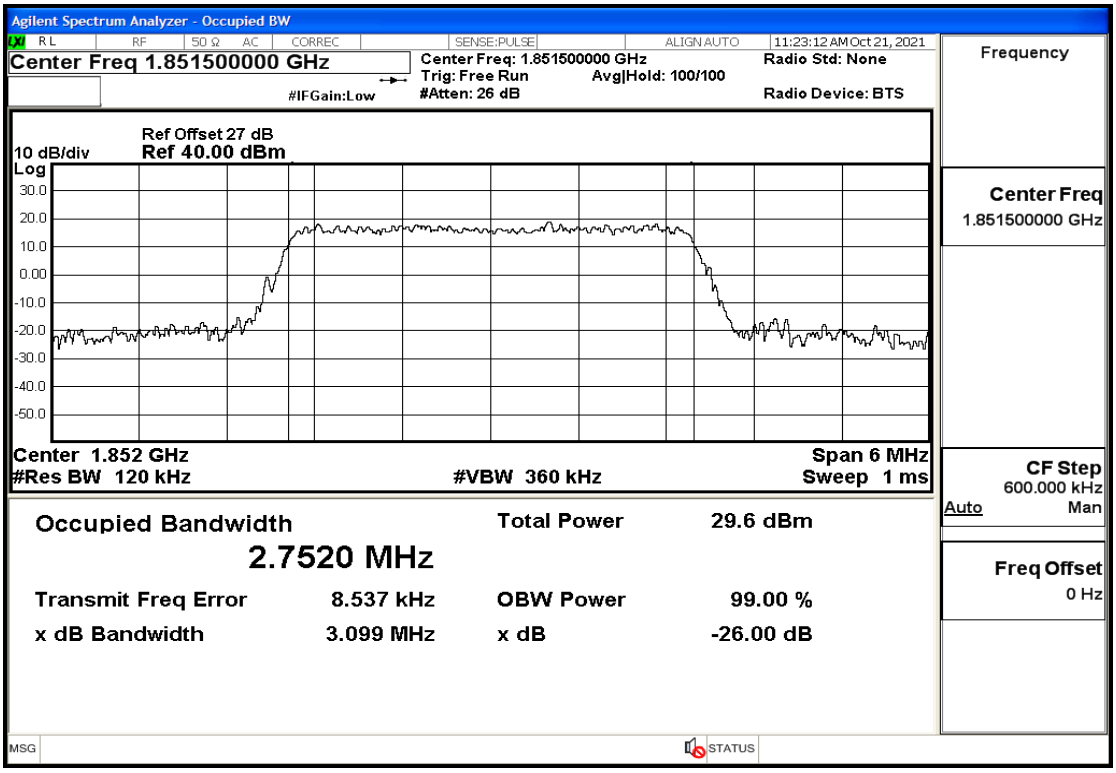
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



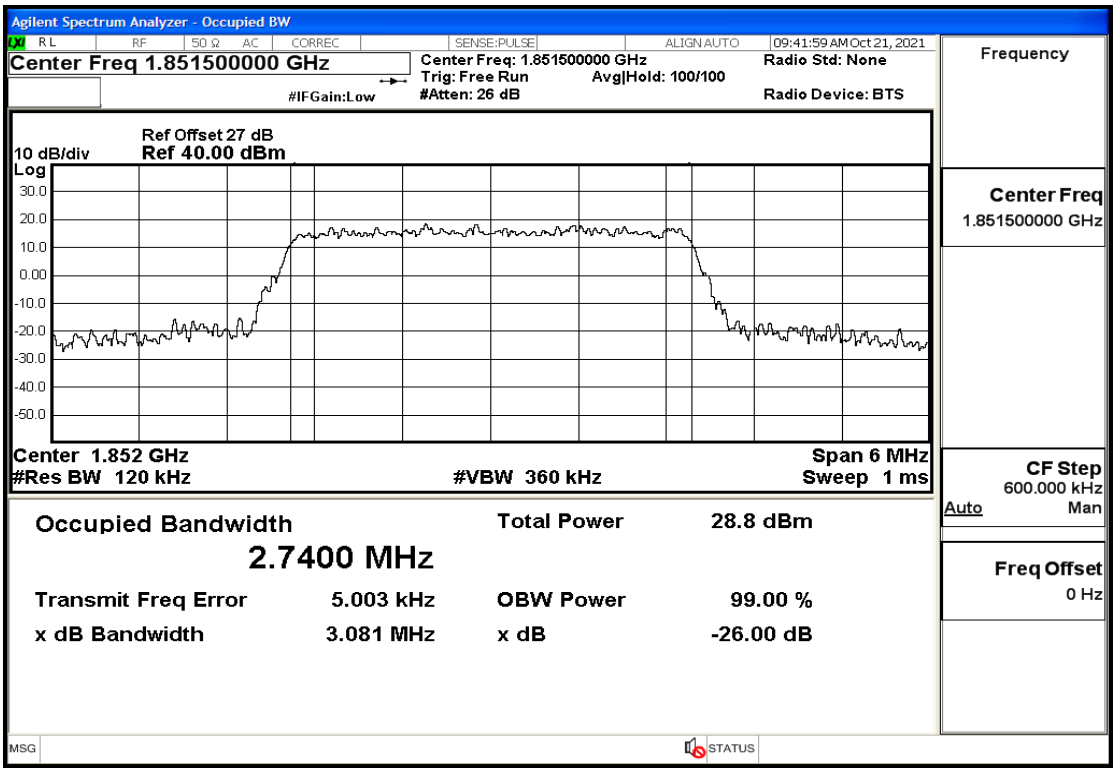
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



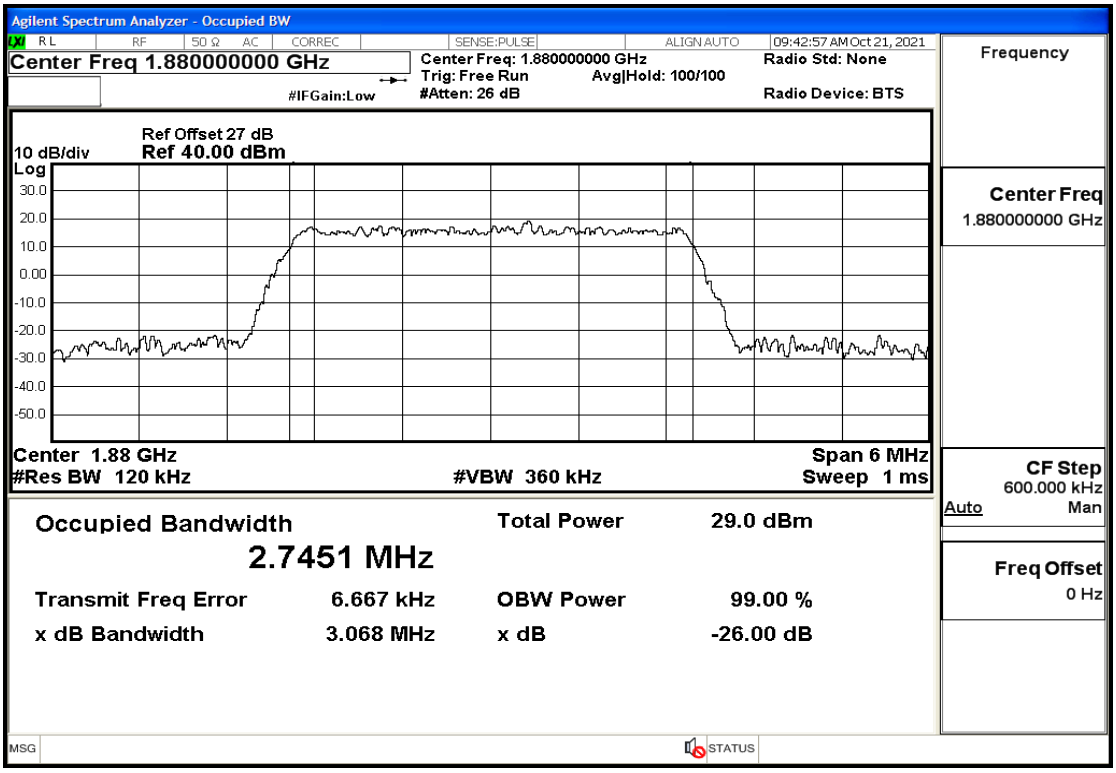
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



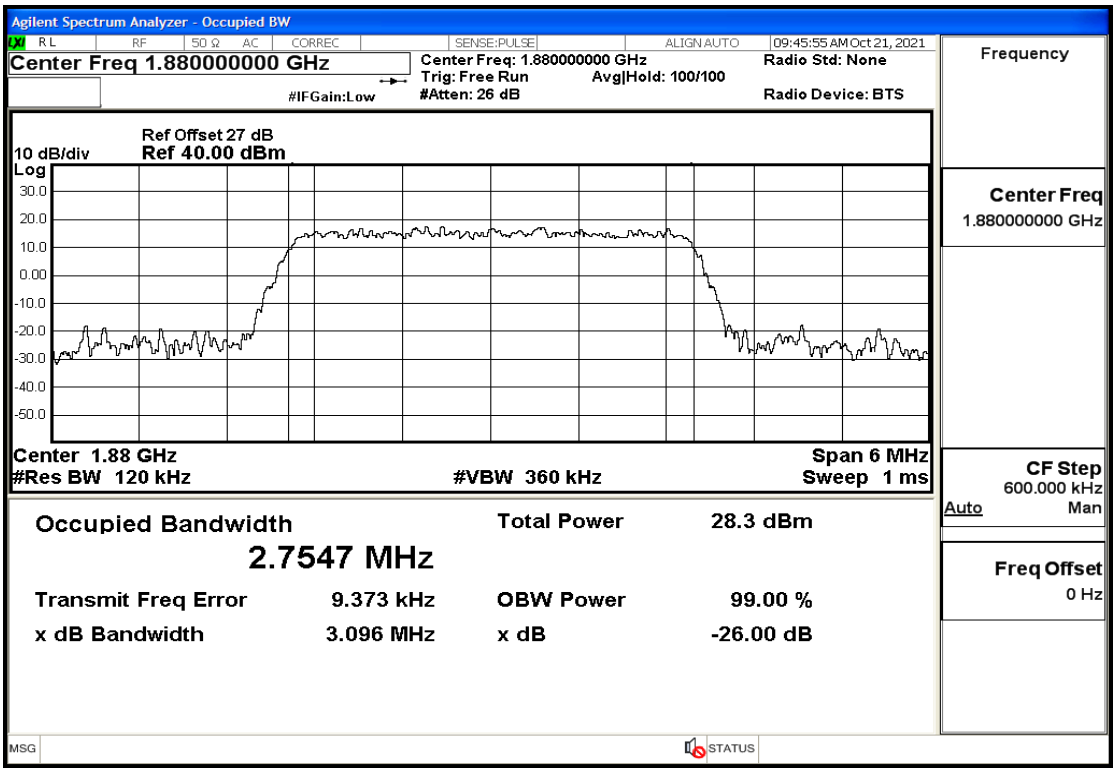
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



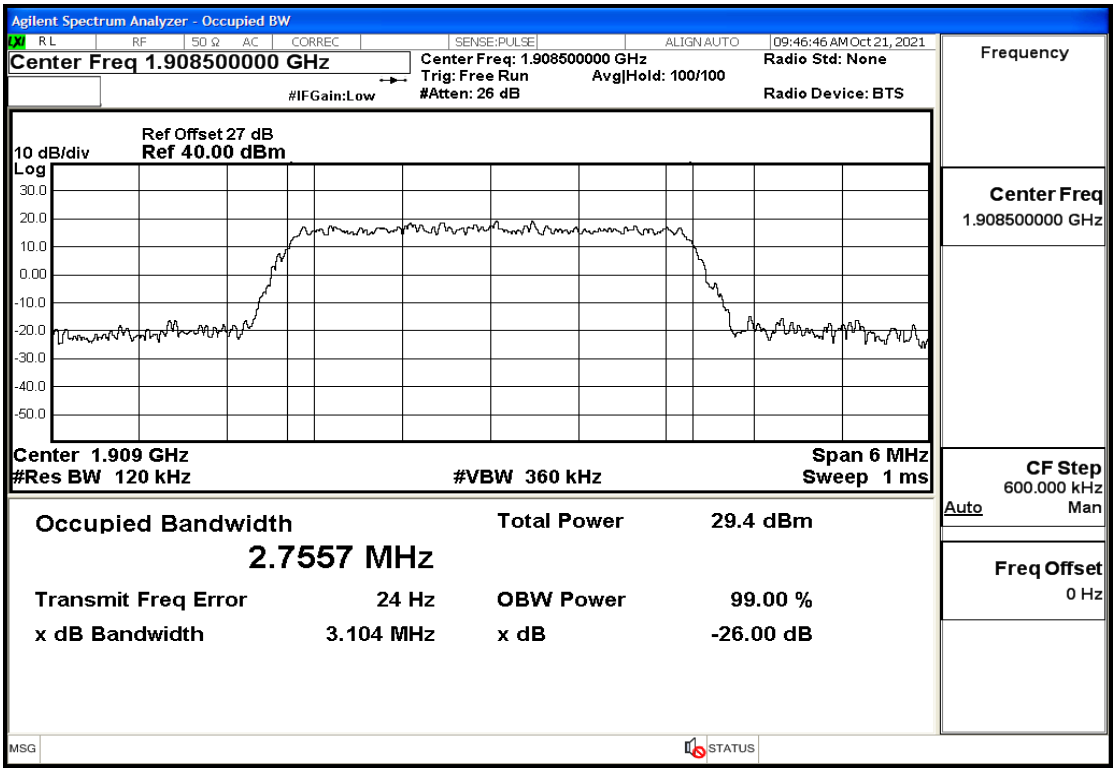
Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth



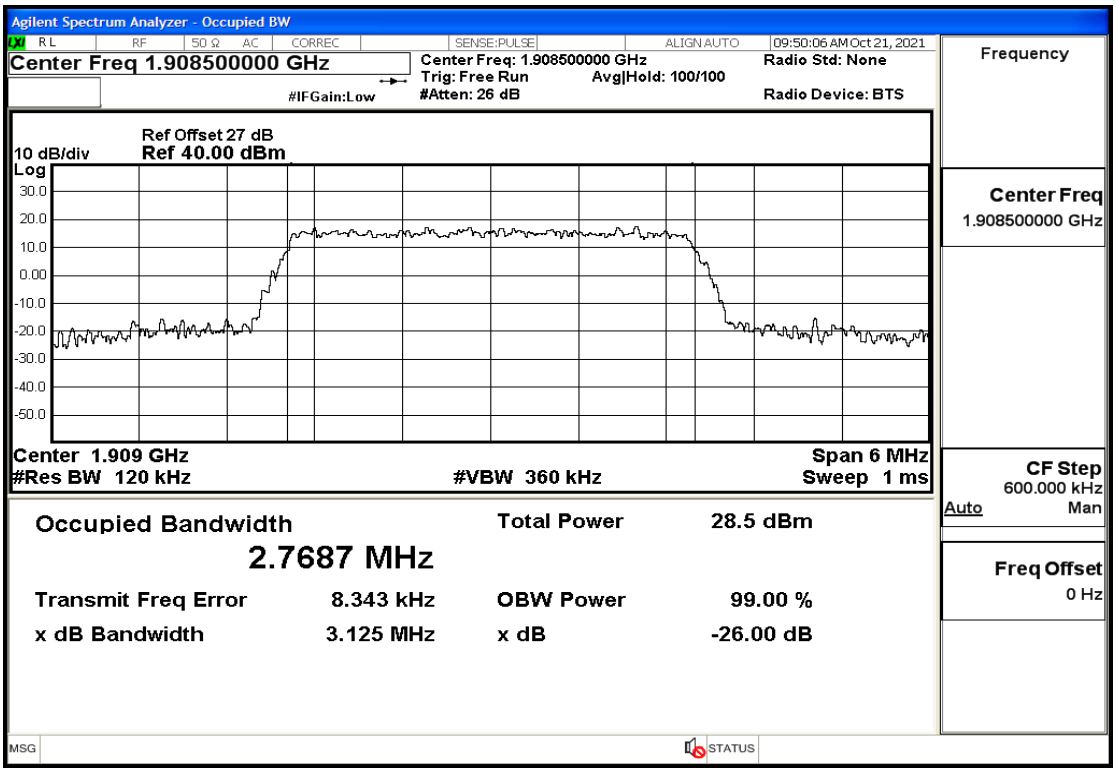
Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth



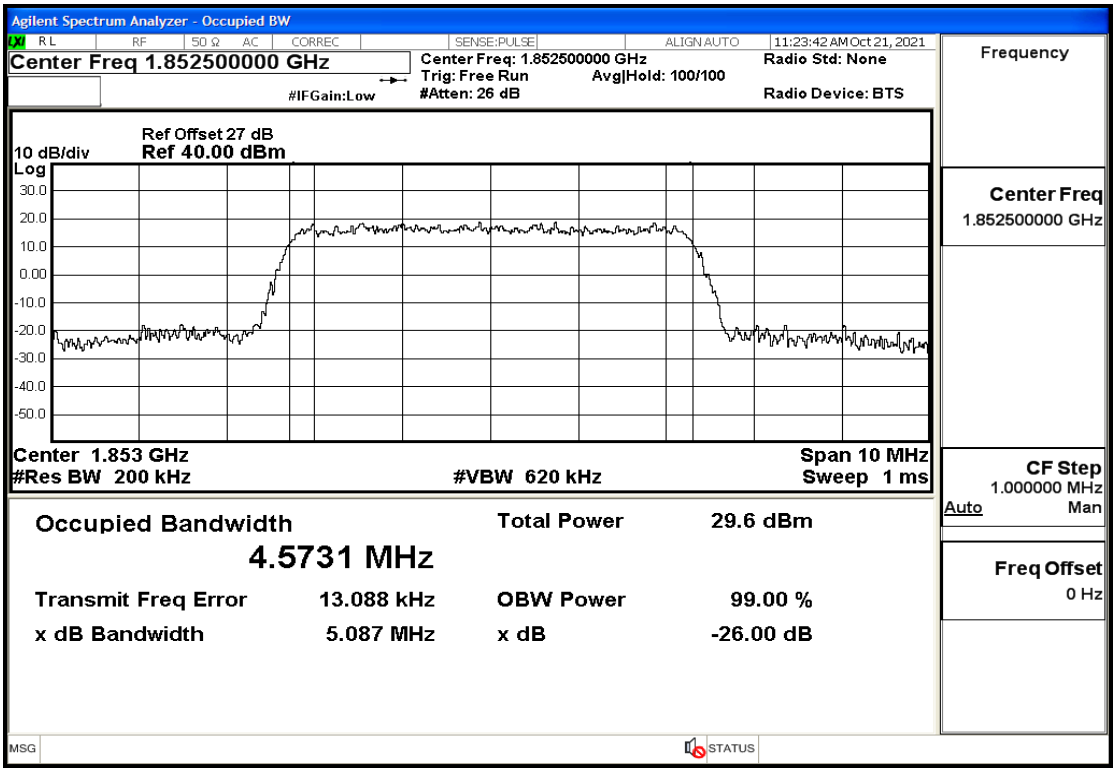
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



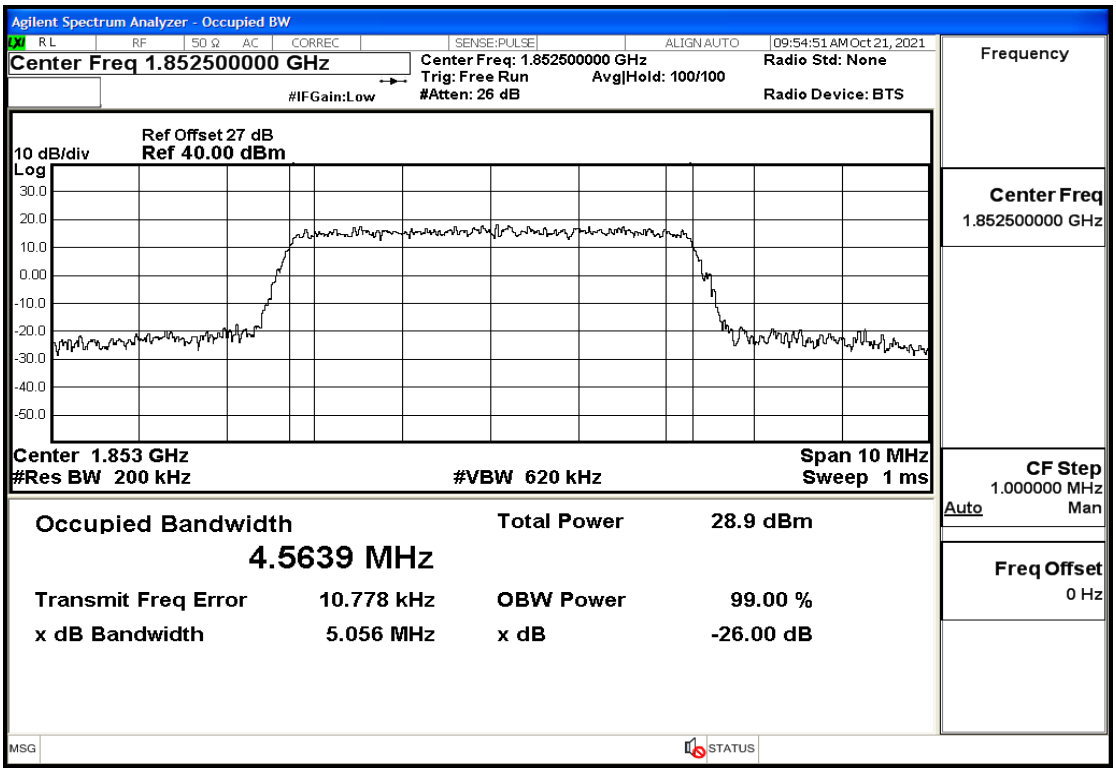
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



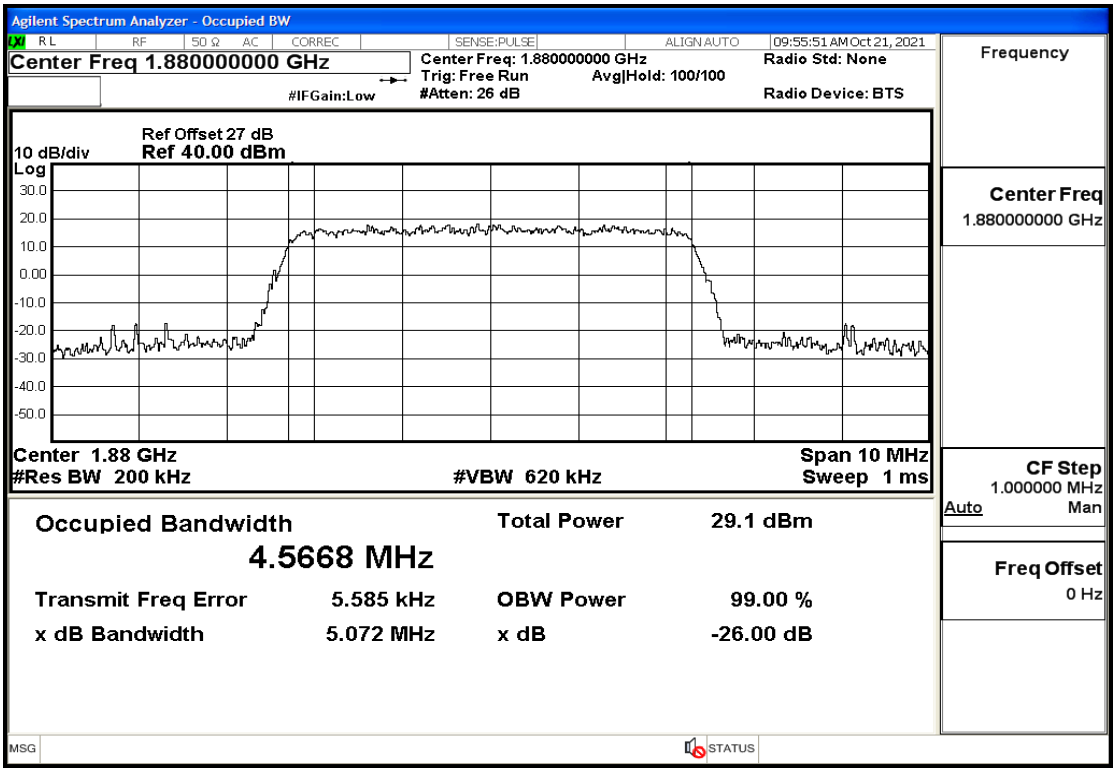
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



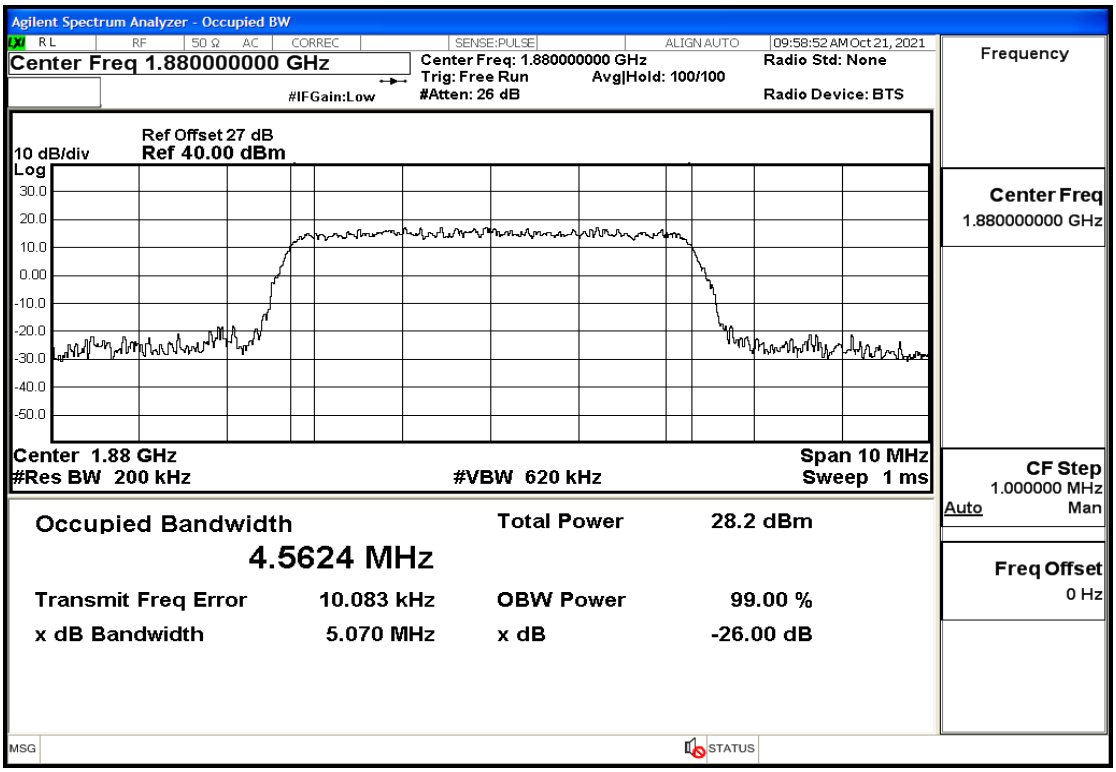
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



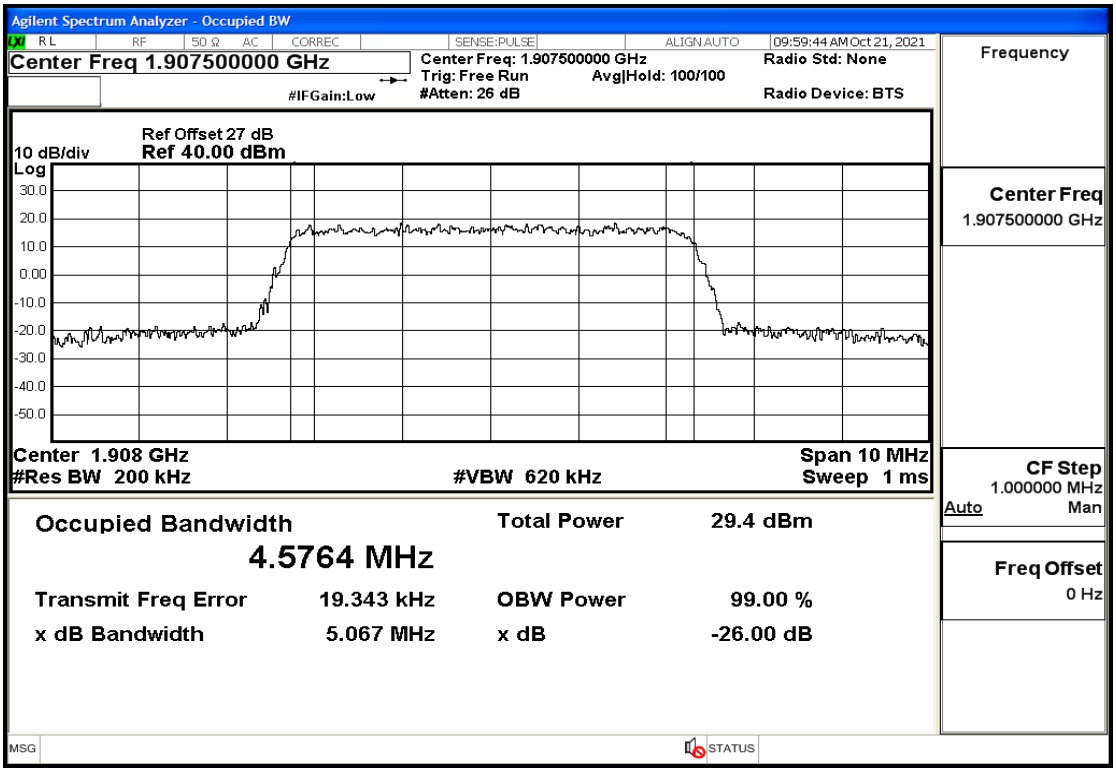
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



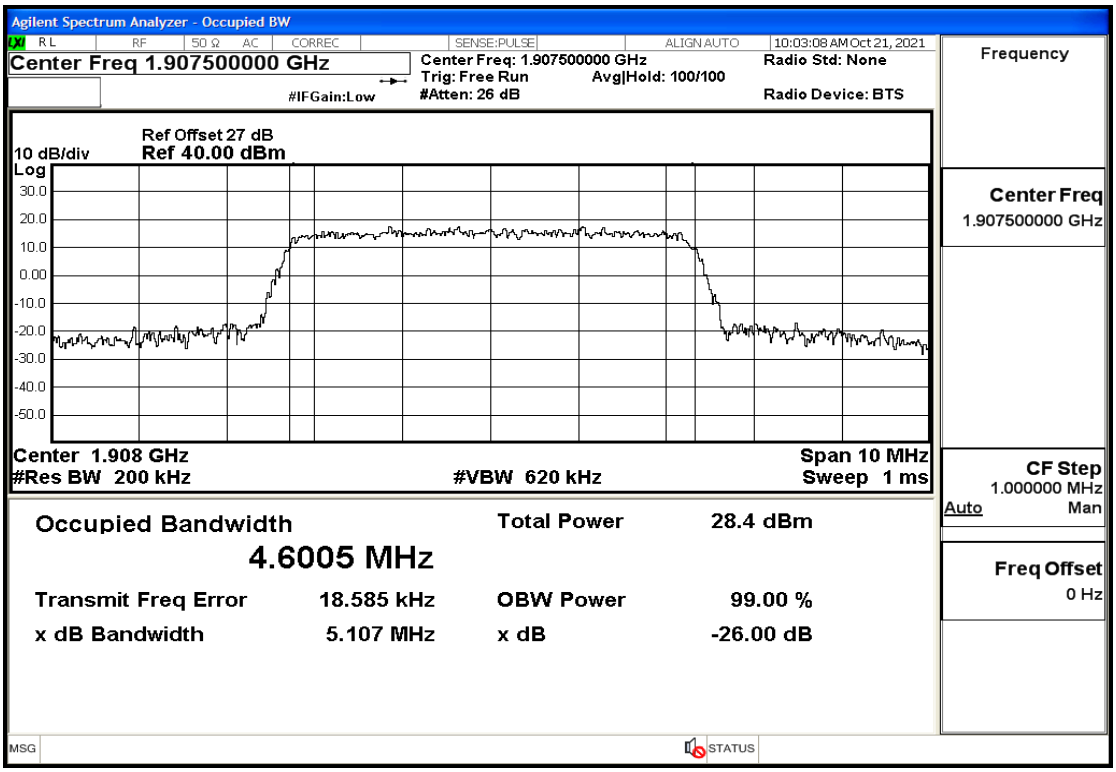
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



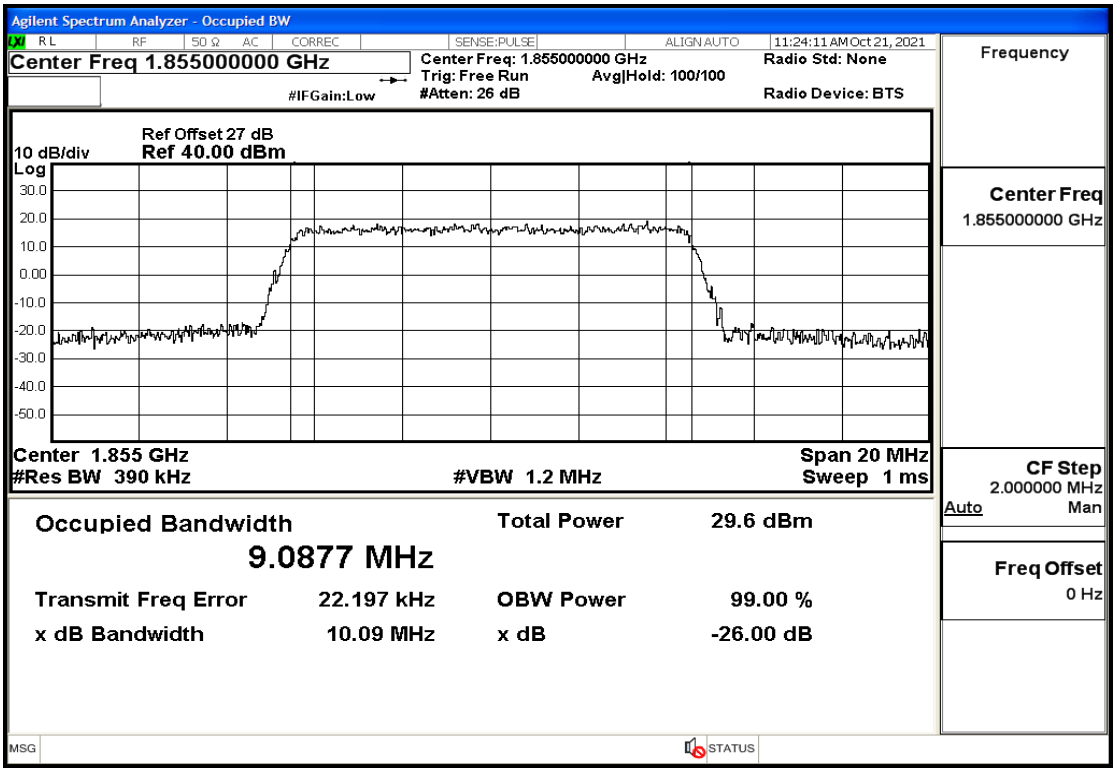
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



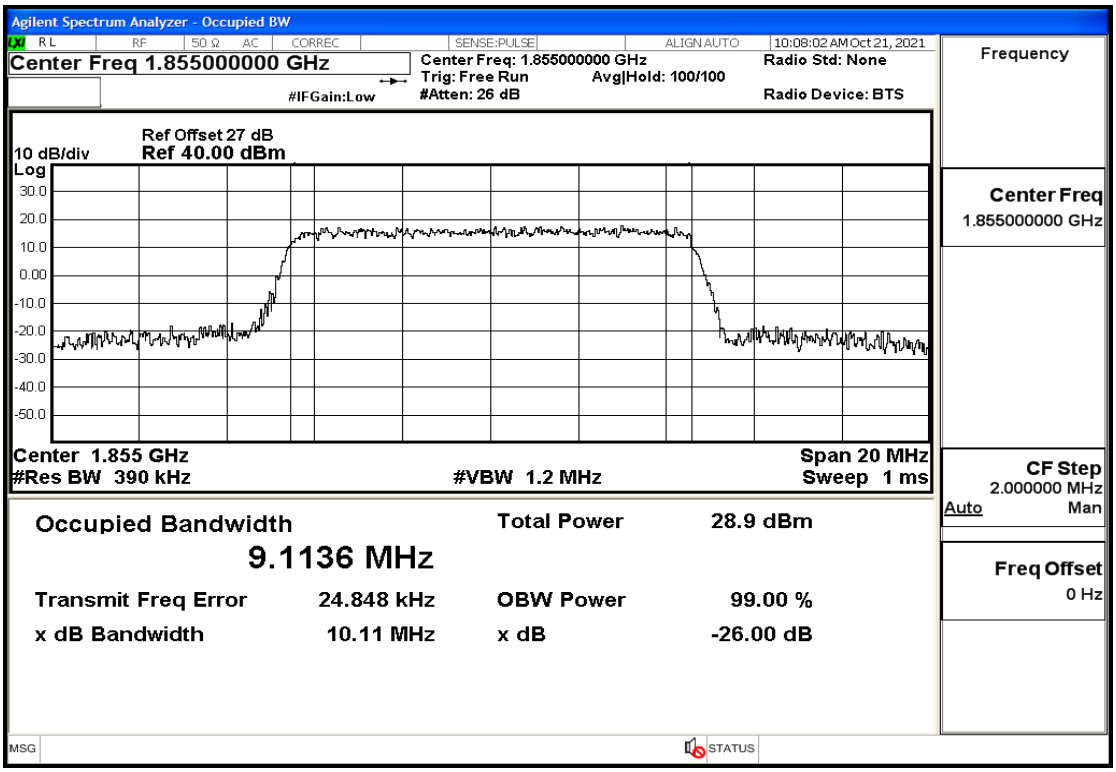
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



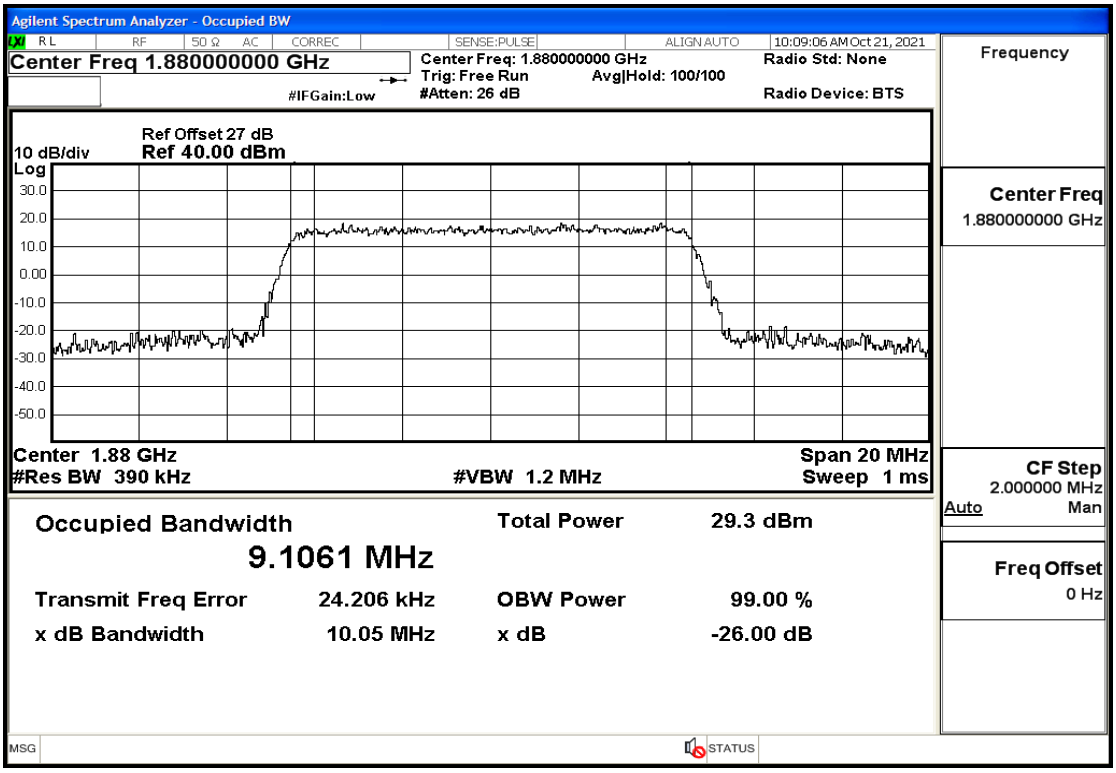
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



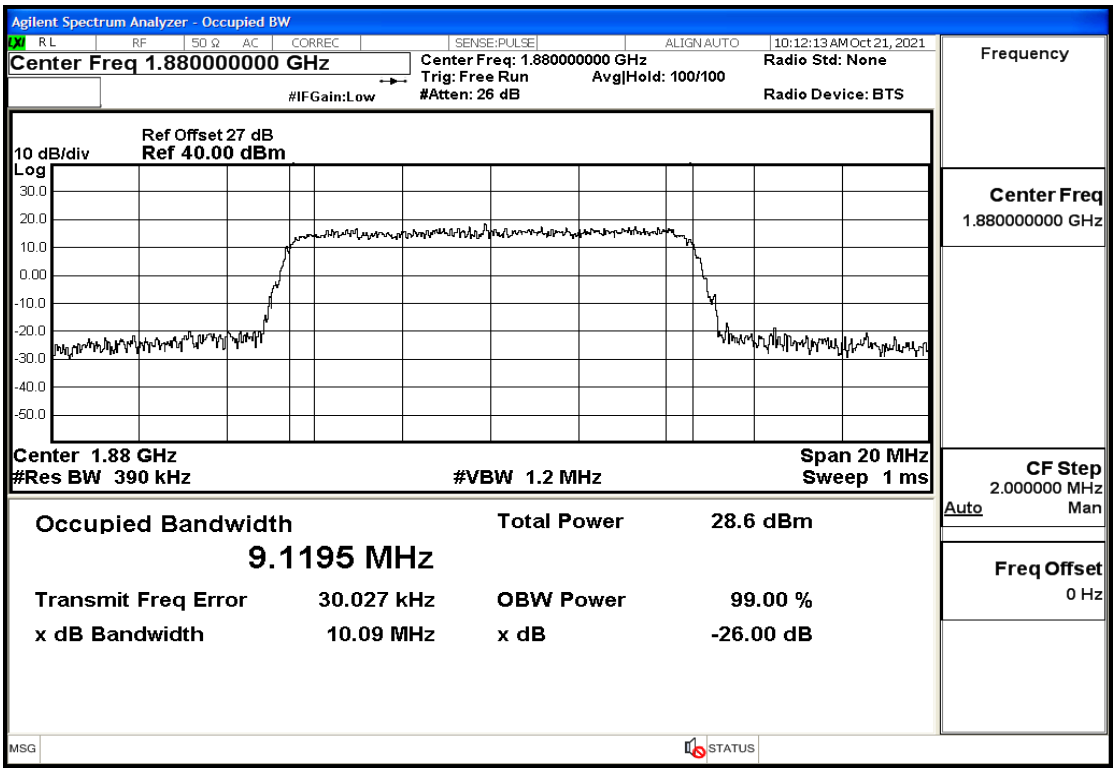
Band2-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



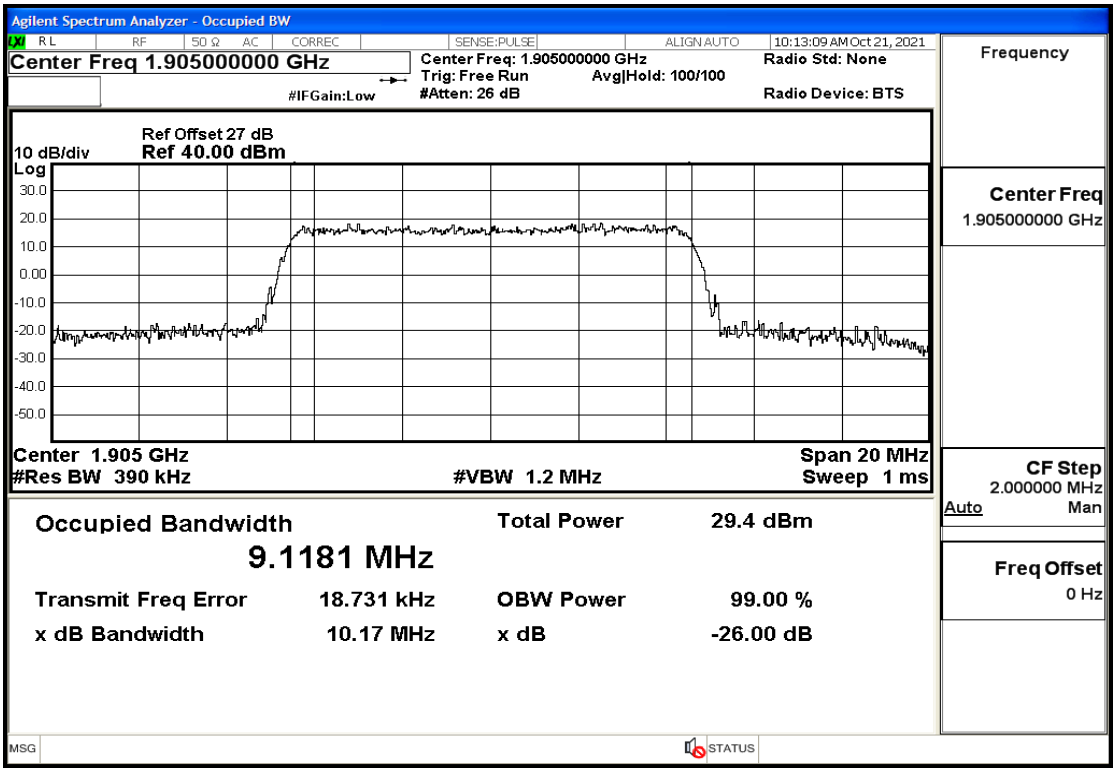
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



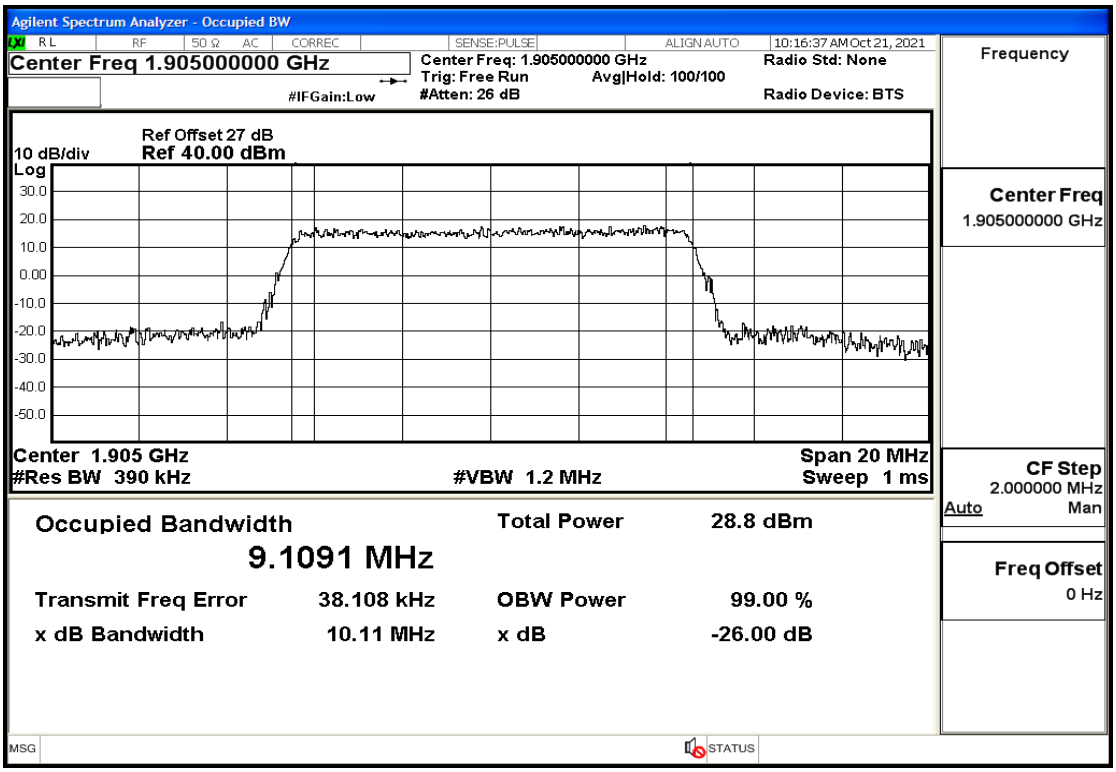
Band2-10-1880-16QAM-50#LOW@26dB and 99PCT Bandwidth



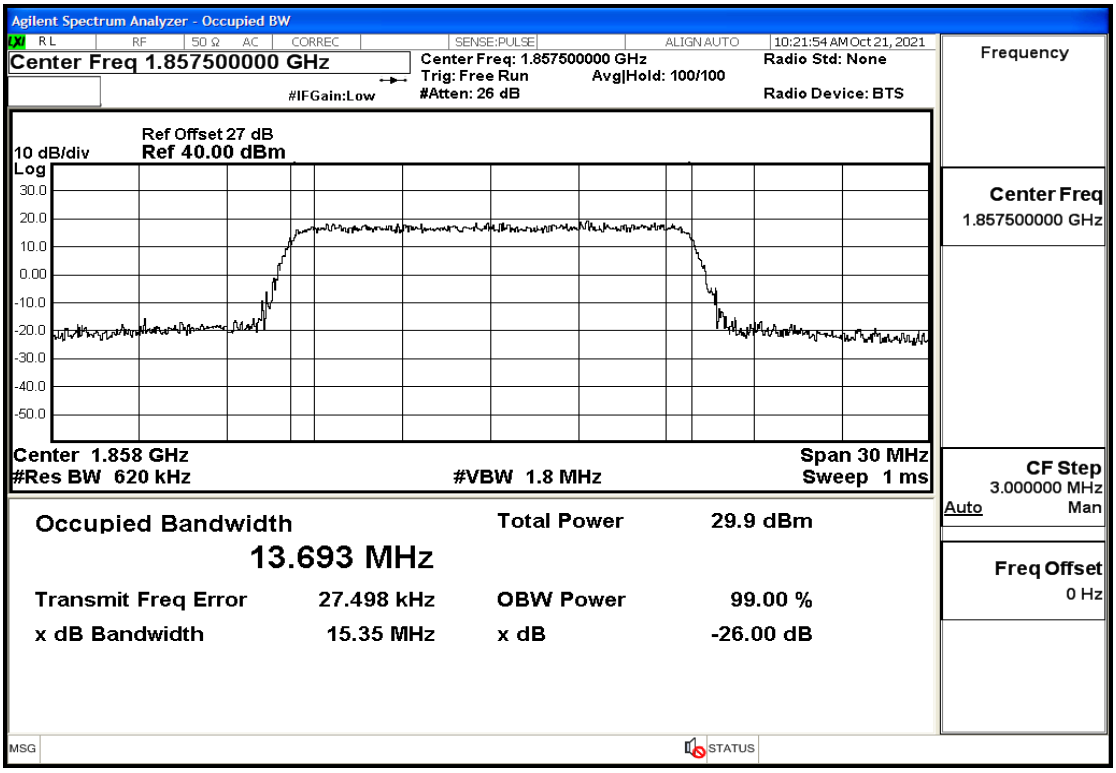
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



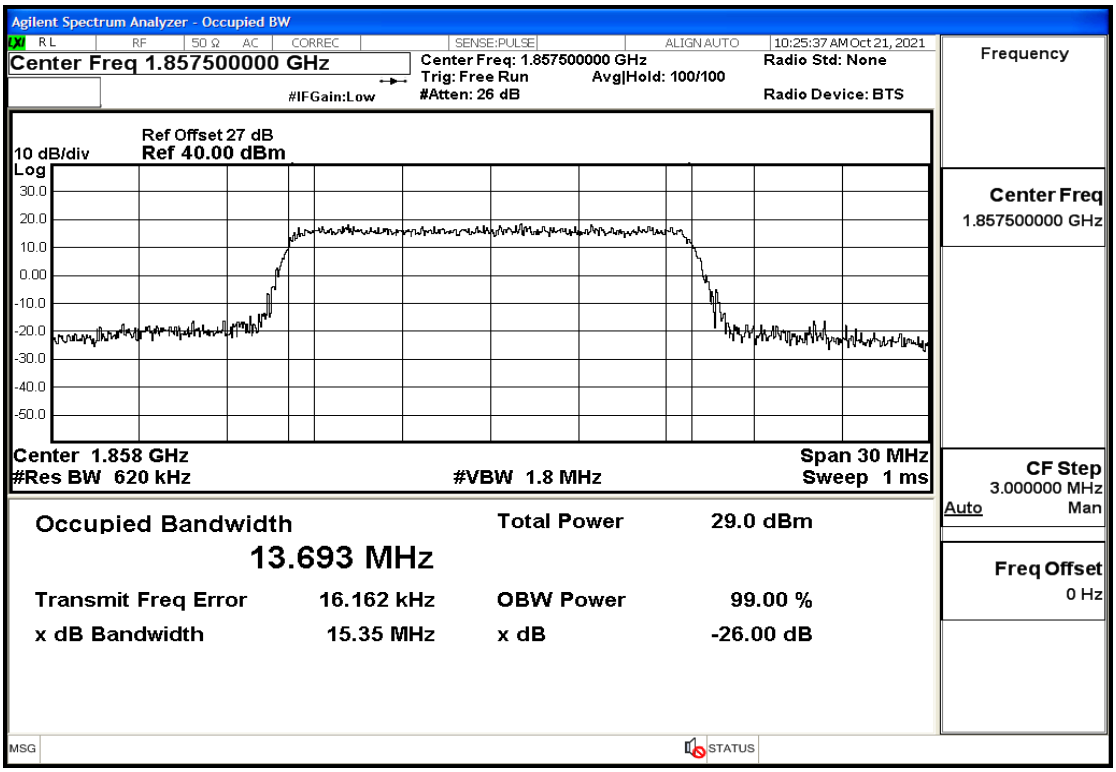
Band2-10-1905-16QAM-50#LOW@26dB and 99PCT Bandwidth



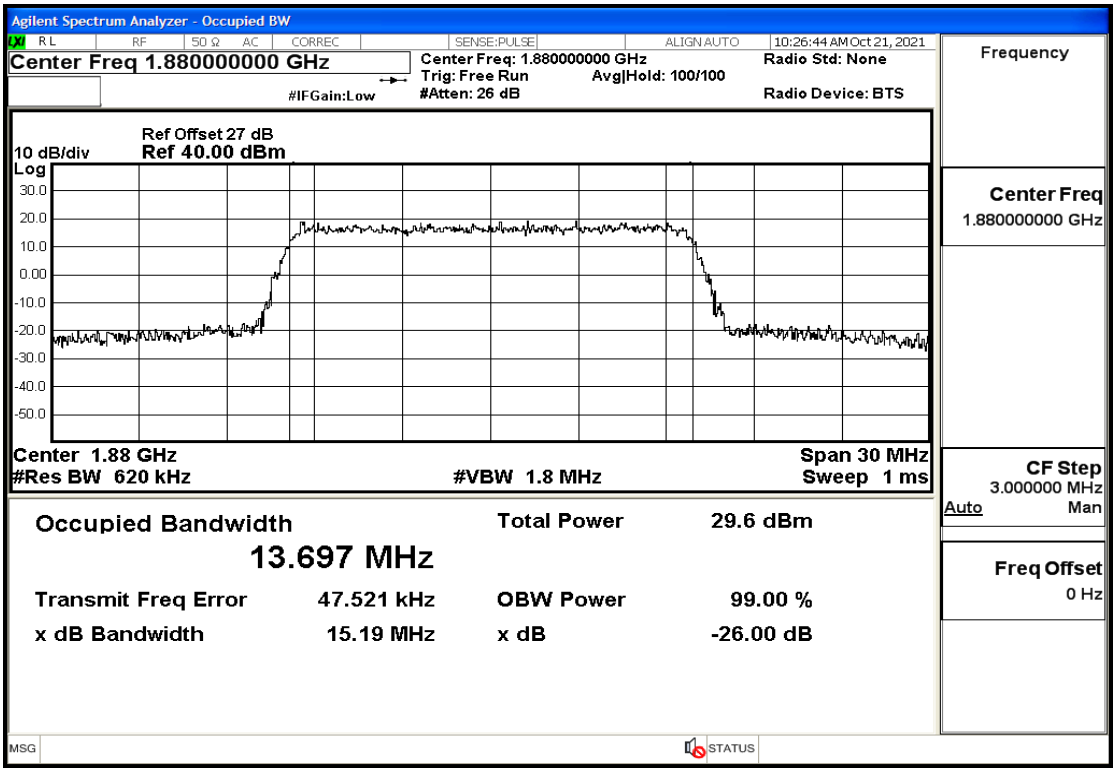
Band2-15-1857.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



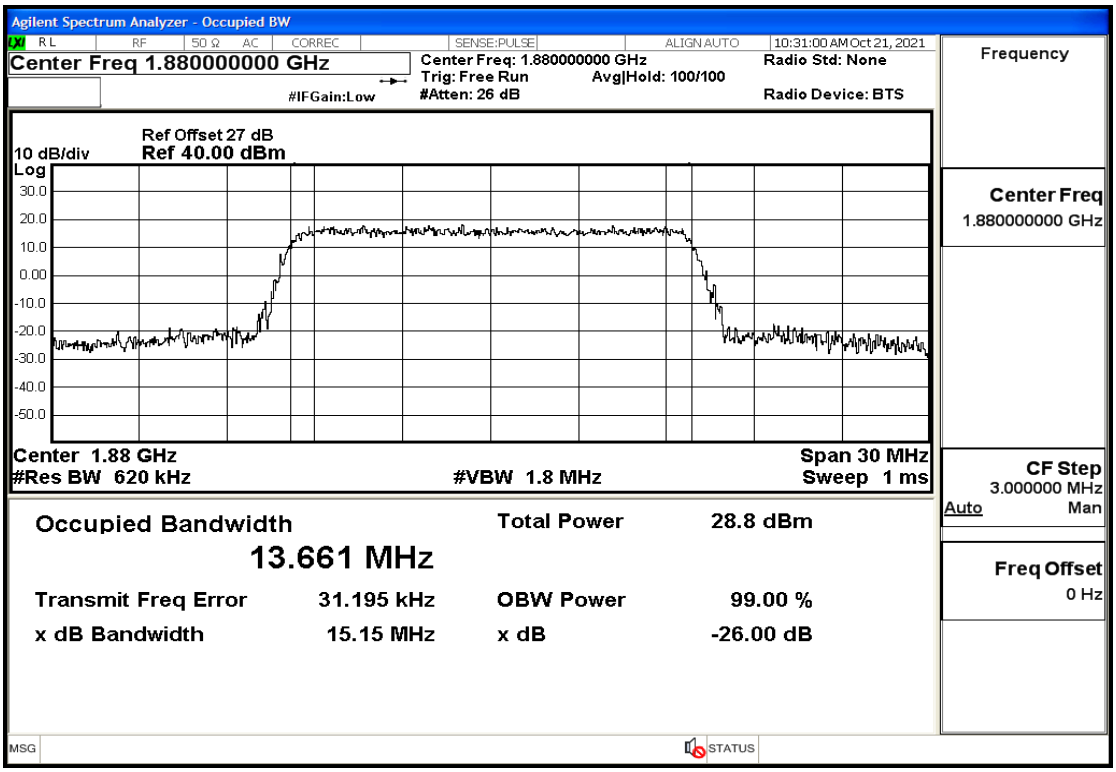
Band2-15-1857.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



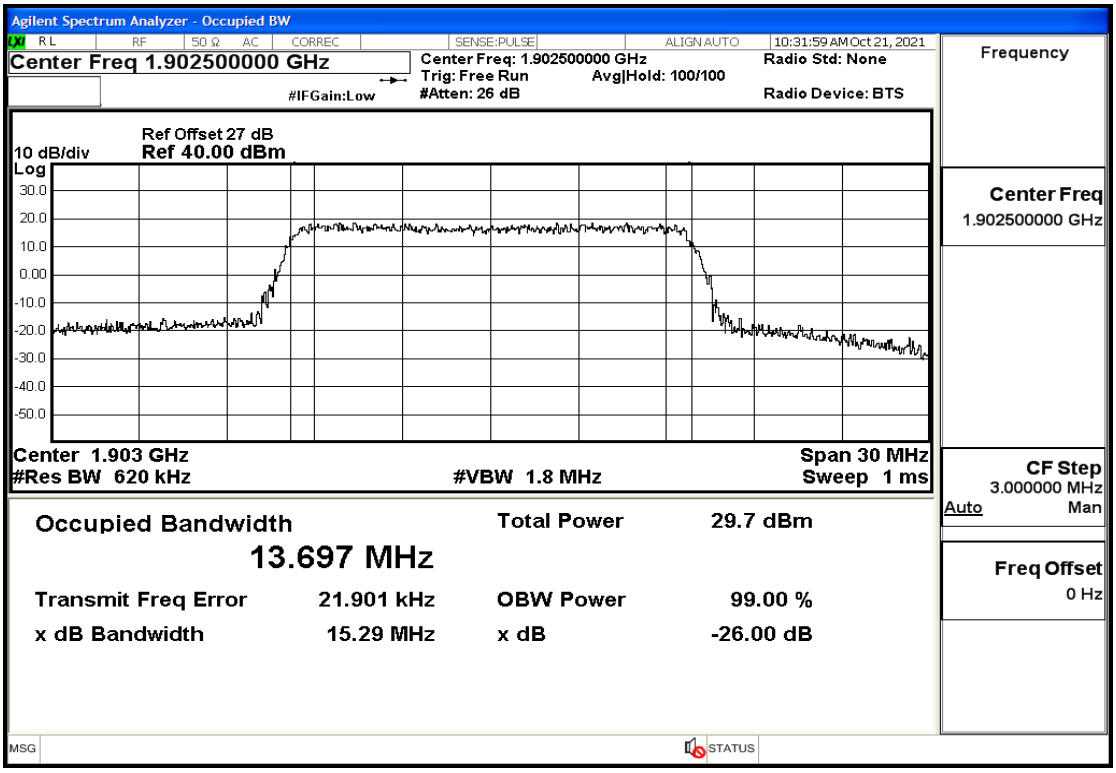
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



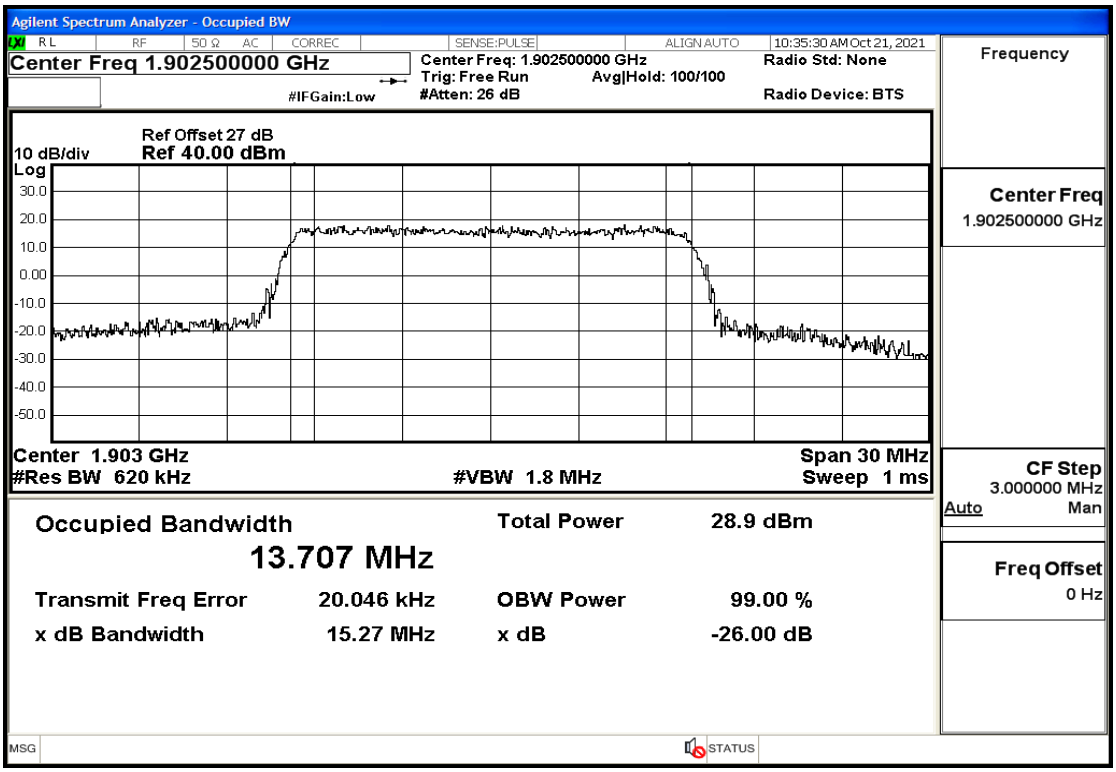
Band2-15-1880-16QAM-75#LOW@26dB and 99PCT Bandwidth



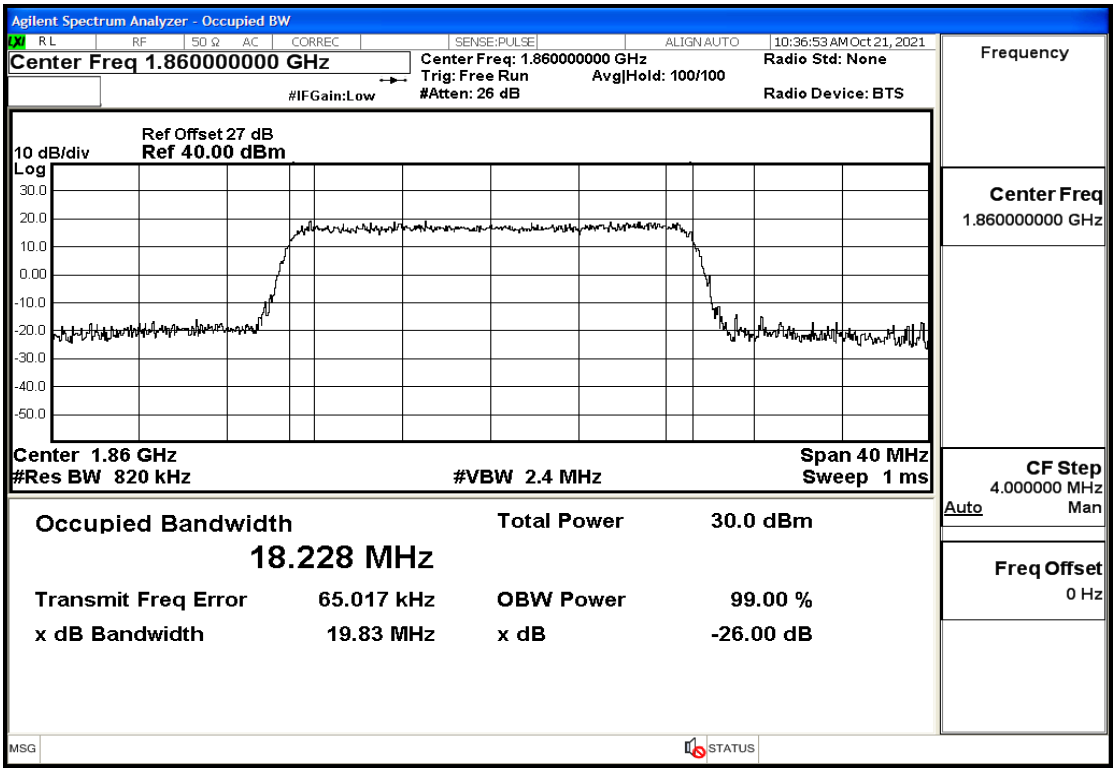
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



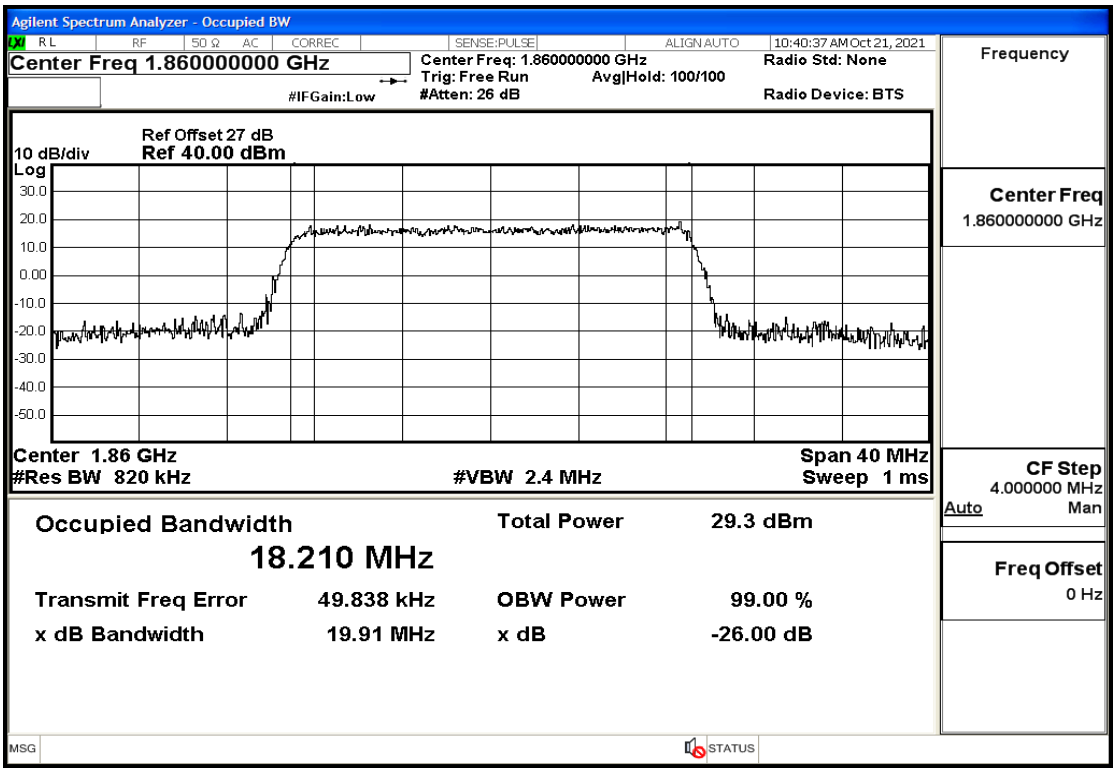
Band2-15-1902.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



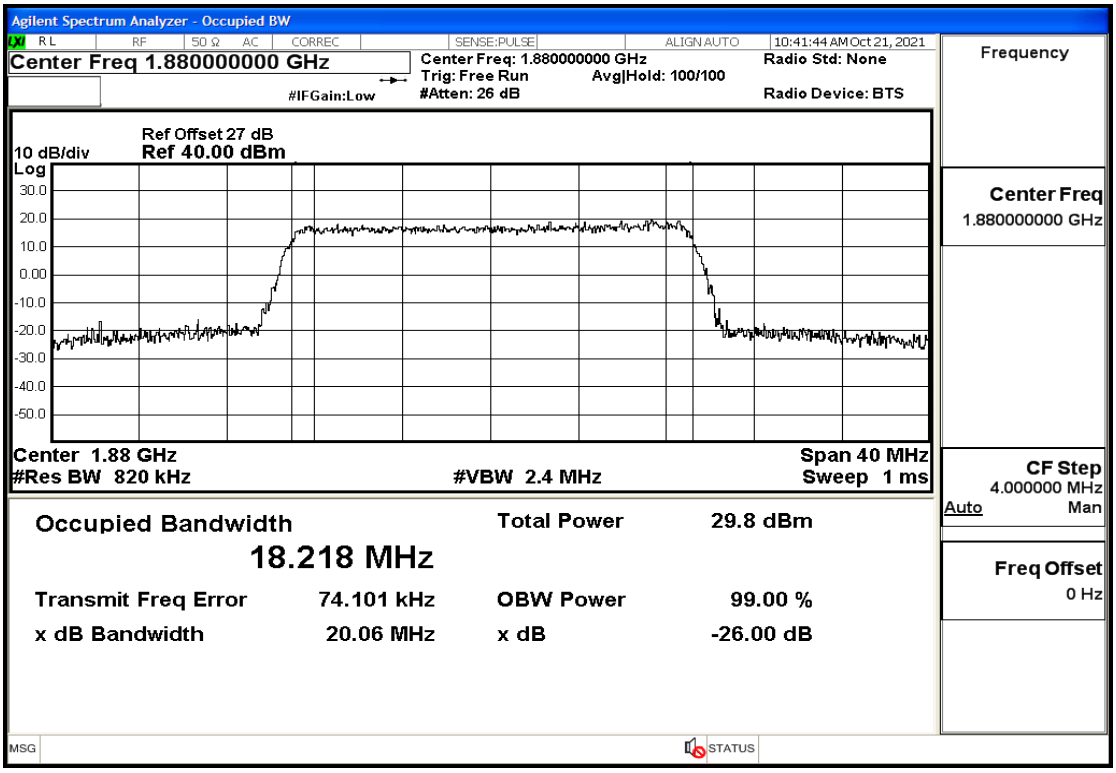
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



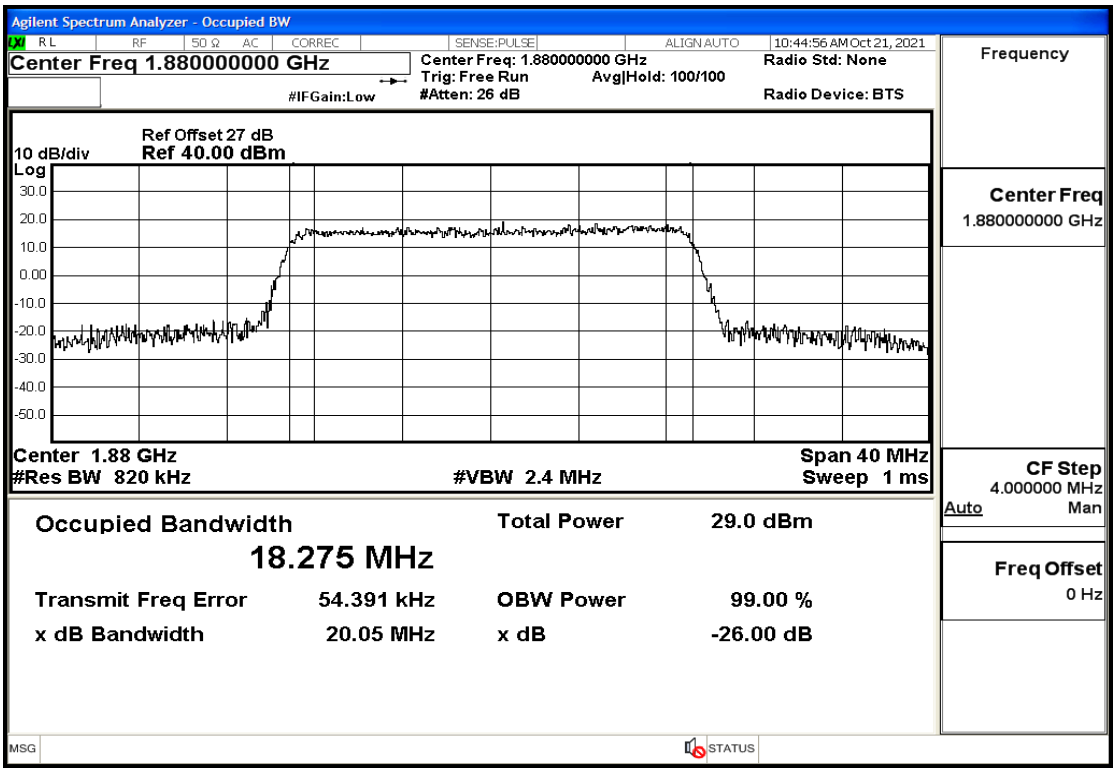
Band2-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth



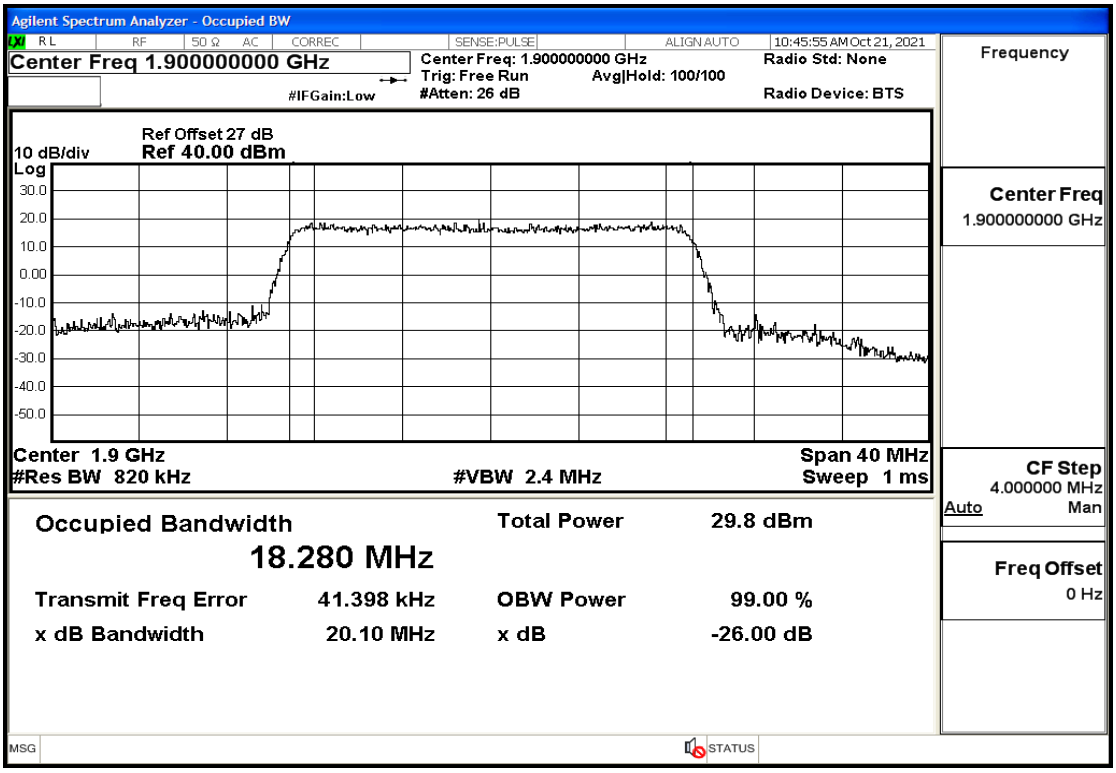
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



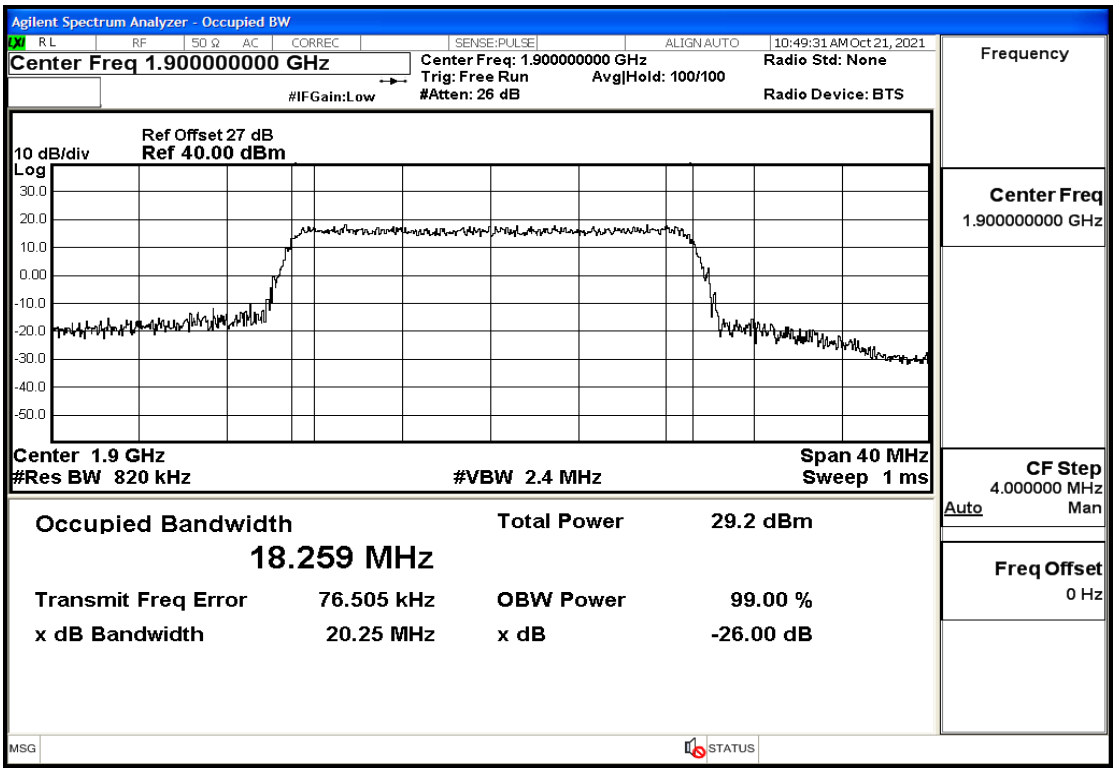
Band2-20-1880-16QAM-100#LOW@26dB and 99PCT Bandwidth



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	0.0574	PASS
40	Normal Voltage	0.0344	
30	Normal Voltage	0.0182	
20(Ref.)	Normal Voltage	0.0289	
10	Normal Voltage	0.0626	
0	Normal Voltage	0.0182	
-10	Normal Voltage	0.0422	
-20	Normal Voltage	0.0335	
-30	Normal Voltage	0.0165	
20	Maximum Voltage	0.0167	
20	Normal Voltage	0.0250	
20	Battery End Point	0.0612	

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	22.07	28.28	6.21	13	0.71	22.78	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	23.12	27.98	4.86	13	0.71	23.83	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	23.07	27.92	4.85	13	0.71	23.78	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	23.13	27.87	4.74	13	0.71	23.84	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	23.14	27.84	4.7	13	0.71	23.85	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	23.06	27.52	4.46	13	0.71	23.77	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	23.12	27.65	4.53	13	0.71	23.83	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	21.4	27.82	6.42	13	0.71	22.11	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	22.1	27.8	5.7	13	0.71	22.81	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	22.09	27.78	5.69	13	0.71	22.8	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	22.08	27.71	5.63	13	0.71	22.79	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	22.85	27.33	4.48	13	0.71	23.56	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	22.86	27.15	4.29	13	0.71	23.57	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	22.81	27.09	4.28	13	0.71	23.52	33	Pass
Band2	1.4	1880	QPSK	6	LOW	21.55	27.34	5.79	13	0.71	22.26	33	Pass
Band2	1.4	1880	QPSK	3	LOW	22.67	27.85	5.18	13	0.71	23.38	33	Pass
Band2	1.4	1880	QPSK	3	MID	22.65	27.87	5.22	13	0.71	23.36	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	22.68	27.82	5.14	13	0.71	23.39	33	Pass
Band2	1.4	1880	QPSK	1	LOW	22.63	27.28	4.65	13	0.71	23.34	33	Pass
Band2	1.4	1880	QPSK	1	MID	22.53	27.19	4.66	13	0.71	23.24	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	22.52	27.21	4.69	13	0.71	23.23	33	Pass
Band2	1.4	1880	16QAM	6	LOW	20.8	27.41	6.61	13	0.71	21.51	33	Pass
Band2	1.4	1880	16QAM	3	LOW	21.59	27.68	6.09	13	0.71	22.3	33	Pass
Band2	1.4	1880	16QAM	3	MID	21.69	27.72	6.03	13	0.71	22.4	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	21.44	27.57	6.13	13	0.71	22.15	33	Pass
Band2	1.4	1880	16QAM	1	LOW	21.47	26.44	4.97	13	0.71	22.18	33	Pass
Band2	1.4	1880	16QAM	1	MID	21.47	26.49	5.02	13	0.71	22.18	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	21.43	26.49	5.06	13	0.71	22.14	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	21.7	27.22	5.52	13	0.71	22.41	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	22.75	27.11	4.36	13	0.71	23.46	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	22.76	27.39	4.63	13	0.71	23.47	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	22.77	27.19	4.42	13	0.71	23.48	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	22.95	27.07	4.12	13	0.71	23.66	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	22.79	26.87	4.08	13	0.71	23.5	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	22.79	26.84	4.05	13	0.71	23.5	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	20.87	27.25	6.38	13	0.71	21.58	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	21.84	26.74	4.9	13	0.71	22.55	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	21.84	26.73	4.89	13	0.71	22.55	33	Pass
Band2	1.4	1909.3	16QAM	3	HIGH	21.92	26.97	5.05	13	0.71	22.63	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	22.19	26.38	4.19	13	0.71	22.9	33	Pass

Band2	1.4	1909.3	16QAM	1	MID	22.11	26.66	4.55	13	0.71	22.82	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	22.12	26.19	4.07	13	0.71	22.83	33	Pass
Band2	3	1851.5	QPSK	15	LOW	22.12	27.88	5.76	13	0.71	22.83	33	Pass
Band2	3	1851.5	QPSK	8	LOW	22.04	27.52	5.48	13	0.71	22.75	33	Pass
Band2	3	1851.5	QPSK	8	MID	22.04	27.41	5.37	13	0.71	22.75	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	21.92	27.48	5.56	13	0.71	22.63	33	Pass
Band2	3	1851.5	QPSK	1	LOW	22.96	27.24	4.28	13	0.71	23.67	33	Pass
Band2	3	1851.5	QPSK	1	MID	22.99	27.49	4.5	13	0.71	23.7	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	22.93	27.4	4.47	13	0.71	23.64	33	Pass
Band2	3	1851.5	16QAM	15	LOW	21.37	28.08	6.71	13	0.71	22.08	33	Pass
Band2	3	1851.5	16QAM	8	LOW	21.5	27.73	6.23	13	0.71	22.21	33	Pass
Band2	3	1851.5	16QAM	8	MID	21.5	27.54	6.04	13	0.71	22.21	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	21.3	27.55	6.25	13	0.71	22.01	33	Pass
Band2	3	1851.5	16QAM	1	LOW	22.48	27.48	5	13	0.71	23.19	33	Pass
Band2	3	1851.5	16QAM	1	MID	22.54	27.48	4.94	13	0.71	23.25	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	22.47	27.51	5.04	13	0.71	23.18	33	Pass
Band2	3	1880	QPSK	15	LOW	21.6	27.6	6	13	0.71	22.31	33	Pass
Band2	3	1880	QPSK	8	LOW	21.6	27.48	5.88	13	0.71	22.31	33	Pass
Band2	3	1880	QPSK	8	MID	21.6	27.42	5.82	13	0.71	22.31	33	Pass
Band2	3	1880	QPSK	8	HIGH	21.57	27.35	5.78	13	0.71	22.28	33	Pass
Band2	3	1880	QPSK	1	LOW	22.63	27.34	4.71	13	0.71	23.34	33	Pass
Band2	3	1880	QPSK	1	MID	22.68	27.36	4.68	13	0.71	23.39	33	Pass
Band2	3	1880	QPSK	1	HIGH	22.65	27.28	4.63	13	0.71	23.36	33	Pass
Band2	3	1880	16QAM	15	LOW	20.75	27.29	6.54	13	0.71	21.46	33	Pass
Band2	3	1880	16QAM	8	LOW	20.83	26.96	6.13	13	0.71	21.54	33	Pass
Band2	3	1880	16QAM	8	MID	20.84	27.05	6.21	13	0.71	21.55	33	Pass
Band2	3	1880	16QAM	8	HIGH	20.8	27.23	6.43	13	0.71	21.51	33	Pass
Band2	3	1880	16QAM	1	LOW	22.35	27.41	5.06	13	0.71	23.06	33	Pass
Band2	3	1880	16QAM	1	MID	22.3	27.39	5.09	13	0.71	23.01	33	Pass
Band2	3	1880	16QAM	1	HIGH	22.31	26.92	4.61	13	0.71	23.02	33	Pass
Band2	3	1908.5	QPSK	15	LOW	21.7	27.68	5.98	13	0.71	22.41	33	Pass
Band2	3	1908.5	QPSK	8	LOW	21.66	27.33	5.67	13	0.71	22.37	33	Pass
Band2	3	1908.5	QPSK	8	MID	21.65	27.3	5.65	13	0.71	22.36	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	21.76	27.24	5.48	13	0.71	22.47	33	Pass
Band2	3	1908.5	QPSK	1	LOW	22.59	27.01	4.42	13	0.71	23.3	33	Pass
Band2	3	1908.5	QPSK	1	MID	22.71	26.8	4.09	13	0.71	23.42	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	22.76	26.64	3.88	13	0.71	23.47	33	Pass
Band2	3	1908.5	16QAM	15	LOW	20.91	27.19	6.28	13	0.71	21.62	33	Pass
Band2	3	1908.5	16QAM	8	LOW	21.07	27	5.93	13	0.71	21.78	33	Pass
Band2	3	1908.5	16QAM	8	MID	21.08	26.89	5.81	13	0.71	21.79	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	21.19	26.54	5.35	13	0.71	21.9	33	Pass
Band2	3	1908.5	16QAM	1	LOW	21.9	26.42	4.52	13	0.71	22.61	33	Pass
Band2	3	1908.5	16QAM	1	MID	21.88	26.17	4.29	13	0.71	22.59	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	21.9	26.02	4.12	13	0.71	22.61	33	Pass
Band2	5	1852.5	QPSK	25	LOW	21.98	27.92	5.94	13	0.71	22.69	33	Pass
Band2	5	1852.5	QPSK	12	LOW	22.07	27.32	5.25	13	0.71	22.78	33	Pass

Band2	5	1852.5	QPSK	12	MID	22.06	27.34	5.28	13	0.71	22.77	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	21.95	27.46	5.51	13	0.71	22.66	33	Pass
Band2	5	1852.5	QPSK	1	LOW	22.95	27.92	4.97	13	0.71	23.66	33	Pass
Band2	5	1852.5	QPSK	1	MID	22.85	28.14	5.29	13	0.71	23.56	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	22.83	28.15	5.32	13	0.71	23.54	33	Pass
Band2	5	1852.5	16QAM	25	LOW	21.12	27.65	6.53	13	0.71	21.83	33	Pass
Band2	5	1852.5	16QAM	12	LOW	21.18	27.7	6.52	13	0.71	21.89	33	Pass
Band2	5	1852.5	16QAM	12	MID	21.19	27.73	6.54	13	0.71	21.9	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	21.06	27.8	6.74	13	0.71	21.77	33	Pass
Band2	5	1852.5	16QAM	1	LOW	21.5	26.72	5.22	13	0.71	22.21	33	Pass
Band2	5	1852.5	16QAM	1	MID	21.33	26.66	5.33	13	0.71	22.04	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	21.29	26.67	5.38	13	0.71	22	33	Pass
Band2	5	1880	QPSK	25	LOW	21.6	27.96	6.36	13	0.71	22.31	33	Pass
Band2	5	1880	QPSK	12	LOW	21.58	27.64	6.06	13	0.71	22.29	33	Pass
Band2	5	1880	QPSK	12	MID	21.58	27.64	6.06	13	0.71	22.29	33	Pass
Band2	5	1880	QPSK	12	HIGH	21.63	27.72	6.09	13	0.71	22.34	33	Pass
Band2	5	1880	QPSK	1	LOW	22.77	27.74	4.97	13	0.71	23.48	33	Pass
Band2	5	1880	QPSK	1	MID	22.69	27.2	4.51	13	0.71	23.4	33	Pass
Band2	5	1880	QPSK	1	HIGH	22.8	27.13	4.33	13	0.71	23.51	33	Pass
Band2	5	1880	16QAM	25	LOW	20.9	28.57	7.67	13	0.71	21.61	33	Pass
Band2	5	1880	16QAM	12	LOW	20.74	27.28	6.54	13	0.71	21.45	33	Pass
Band2	5	1880	16QAM	12	MID	20.75	27.21	6.46	13	0.71	21.46	33	Pass
Band2	5	1880	16QAM	12	HIGH	20.83	27.22	6.39	13	0.71	21.54	33	Pass
Band2	5	1880	16QAM	1	LOW	21.88	27.14	5.26	13	0.71	22.59	33	Pass
Band2	5	1880	16QAM	1	MID	21.94	27.12	5.18	13	0.71	22.65	33	Pass
Band2	5	1880	16QAM	1	HIGH	21.96	27.06	5.1	13	0.71	22.67	33	Pass
Band2	5	1907.5	QPSK	25	LOW	21.69	27.4	5.71	13	0.71	22.4	33	Pass
Band2	5	1907.5	QPSK	12	LOW	21.71	27.08	5.37	13	0.71	22.42	33	Pass
Band2	5	1907.5	QPSK	12	MID	21.7	27.19	5.49	13	0.71	22.41	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	21.73	26.86	5.13	13	0.71	22.44	33	Pass
Band2	5	1907.5	QPSK	1	LOW	22.66	27.37	4.71	13	0.71	23.37	33	Pass
Band2	5	1907.5	QPSK	1	MID	22.68	27.09	4.41	13	0.71	23.39	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	22.72	26.72	4	13	0.71	23.43	33	Pass
Band2	5	1907.5	16QAM	25	LOW	20.8	27.65	6.85	13	0.71	21.51	33	Pass
Band2	5	1907.5	16QAM	12	LOW	20.89	27.11	6.22	13	0.71	21.6	33	Pass
Band2	5	1907.5	16QAM	12	MID	20.9	27.07	6.17	13	0.71	21.61	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	20.8	26.88	6.08	13	0.71	21.51	33	Pass
Band2	5	1907.5	16QAM	1	LOW	21.51	26.92	5.41	13	0.71	22.22	33	Pass
Band2	5	1907.5	16QAM	1	MID	21.53	26.58	5.05	13	0.71	22.24	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	21.58	26.52	4.94	13	0.71	22.29	33	Pass
Band2	10	1855	QPSK	50	LOW	21.81	27.76	5.95	13	0.71	22.52	33	Pass
Band2	10	1855	QPSK	25	LOW	21.93	27.68	5.75	13	0.71	22.64	33	Pass
Band2	10	1855	QPSK	25	MID	21.92	27.63	5.71	13	0.71	22.63	33	Pass
Band2	10	1855	QPSK	25	HIGH	21.75	27.74	5.99	13	0.71	22.46	33	Pass
Band2	10	1855	QPSK	1	LOW	22.97	27.19	4.22	13	0.71	23.68	33	Pass
Band2	10	1855	QPSK	1	MID	22.82	27.16	4.34	13	0.71	23.53	33	Pass

Band2	10	1855	QPSK	1	HIGH	22.81	27.2	4.39	13	0.71	23.52	33	Pass
Band2	10	1855	16QAM	50	LOW	21.08	28.36	7.28	13	0.71	21.79	33	Pass
Band2	10	1855	16QAM	25	LOW	20.95	27.55	6.6	13	0.71	21.66	33	Pass
Band2	10	1855	16QAM	25	MID	20.96	27.7	6.74	13	0.71	21.67	33	Pass
Band2	10	1855	16QAM	25	HIGH	20.94	27.67	6.73	13	0.71	21.65	33	Pass
Band2	10	1855	16QAM	1	LOW	22.38	27.49	5.11	13	0.71	23.09	33	Pass
Band2	10	1855	16QAM	1	MID	22.29	27.56	5.27	13	0.71	23	33	Pass
Band2	10	1855	16QAM	1	HIGH	22.15	27.59	5.44	13	0.71	22.86	33	Pass
Band2	10	1880	QPSK	50	LOW	21.8	27.83	6.03	13	0.71	22.51	33	Pass
Band2	10	1880	QPSK	25	LOW	21.63	27.59	5.96	13	0.71	22.34	33	Pass
Band2	10	1880	QPSK	25	MID	21.72	27.65	5.93	13	0.71	22.43	33	Pass
Band2	10	1880	QPSK	25	HIGH	21.64	27.59	5.95	13	0.71	22.35	33	Pass
Band2	10	1880	QPSK	1	LOW	22.75	27.47	4.72	13	0.71	23.46	33	Pass
Band2	10	1880	QPSK	1	MID	22.86	27.35	4.49	13	0.71	23.57	33	Pass
Band2	10	1880	QPSK	1	HIGH	22.79	27.21	4.42	13	0.71	23.5	33	Pass
Band2	10	1880	16QAM	50	LOW	20.82	27.72	6.9	13	0.71	21.53	33	Pass
Band2	10	1880	16QAM	25	LOW	20.91	27.77	6.86	13	0.71	21.62	33	Pass
Band2	10	1880	16QAM	25	MID	20.92	27.79	6.87	13	0.71	21.63	33	Pass
Band2	10	1880	16QAM	25	HIGH	20.83	27.72	6.89	13	0.71	21.54	33	Pass
Band2	10	1880	16QAM	1	LOW	21.8	27.18	5.38	13	0.71	22.51	33	Pass
Band2	10	1880	16QAM	1	MID	21.95	26.55	4.6	13	0.71	22.66	33	Pass
Band2	10	1880	16QAM	1	HIGH	21.91	27.26	5.35	13	0.71	22.62	33	Pass
Band2	10	1905	QPSK	50	LOW	21.71	27.43	5.72	13	0.71	22.42	33	Pass
Band2	10	1905	QPSK	25	LOW	21.72	27.76	6.04	13	0.71	22.43	33	Pass
Band2	10	1905	QPSK	25	MID	21.72	27.71	5.99	13	0.71	22.43	33	Pass
Band2	10	1905	QPSK	25	HIGH	21.67	27.43	5.76	13	0.71	22.38	33	Pass
Band2	10	1905	QPSK	1	LOW	22.68	27	4.32	13	0.71	23.39	33	Pass
Band2	10	1905	QPSK	1	MID	22.73	26.88	4.15	13	0.71	23.44	33	Pass
Band2	10	1905	QPSK	1	HIGH	22.83	26.76	3.93	13	0.71	23.54	33	Pass
Band2	10	1905	16QAM	50	LOW	20.85	27.83	6.98	13	0.71	21.56	33	Pass
Band2	10	1905	16QAM	25	LOW	21.03	27.59	6.56	13	0.71	21.74	33	Pass
Band2	10	1905	16QAM	25	MID	21.04	27.55	6.51	13	0.71	21.75	33	Pass
Band2	10	1905	16QAM	25	HIGH	21.14	27.27	6.13	13	0.71	21.85	33	Pass
Band2	10	1905	16QAM	1	LOW	21.49	26.36	4.87	13	0.71	22.2	33	Pass
Band2	10	1905	16QAM	1	MID	21.59	26.41	4.82	13	0.71	22.3	33	Pass
Band2	10	1905	16QAM	1	HIGH	21.55	26	4.45	13	0.71	22.26	33	Pass
Band2	15	1857.5	QPSK	75	LOW	21.88	28.55	6.67	13	0.71	22.59	33	Pass
Band2	15	1857.5	QPSK	38	LOW	21.92	28.56	6.64	13	0.71	22.63	33	Pass
Band2	15	1857.5	QPSK	38	MID	21.92	28.49	6.57	13	0.71	22.63	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	21.92	28.5	6.58	13	0.71	22.63	33	Pass
Band2	15	1857.5	QPSK	1	LOW	22.95	27.3	4.35	13	0.71	23.66	33	Pass
Band2	15	1857.5	QPSK	1	MID	22.84	27.19	4.35	13	0.71	23.55	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	22.68	27.16	4.48	13	0.71	23.39	33	Pass
Band2	15	1857.5	16QAM	75	LOW	21.04	28.02	6.98	13	0.71	21.75	33	Pass
Band2	15	1857.5	16QAM	38	LOW	21.03	28.14	7.11	13	0.71	21.74	33	Pass
Band2	15	1857.5	16QAM	38	MID	21.03	28.06	7.03	13	0.71	21.74	33	Pass

Band2	15	1857.5	16QAM	38	HIGH	20.95	27.99	7.04	13	0.71	21.66	33	Pass
Band2	15	1857.5	16QAM	1	LOW	22.4	27.73	5.33	13	0.71	23.11	33	Pass
Band2	15	1857.5	16QAM	1	MID	22.22	27.6	5.38	13	0.71	22.93	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	22.13	27.63	5.5	13	0.71	22.84	33	Pass
Band2	15	1880	QPSK	75	LOW	21.72	28.31	6.59	13	0.71	22.43	33	Pass
Band2	15	1880	QPSK	38	LOW	21.73	28.3	6.57	13	0.71	22.44	33	Pass
Band2	15	1880	QPSK	38	MID	21.74	28.33	6.59	13	0.71	22.45	33	Pass
Band2	15	1880	QPSK	38	HIGH	21.74	28.27	6.53	13	0.71	22.45	33	Pass
Band2	15	1880	QPSK	1	LOW	22.76	27.56	4.8	13	0.71	23.47	33	Pass
Band2	15	1880	QPSK	1	MID	22.67	27.31	4.64	13	0.71	23.38	33	Pass
Band2	15	1880	QPSK	1	HIGH	22.71	27.09	4.38	13	0.71	23.42	33	Pass
Band2	15	1880	16QAM	75	LOW	20.84	28.03	7.19	13	0.71	21.55	33	Pass
Band2	15	1880	16QAM	38	LOW	20.82	28.04	7.22	13	0.71	21.53	33	Pass
Band2	15	1880	16QAM	38	MID	20.82	28	7.18	13	0.71	21.53	33	Pass
Band2	15	1880	16QAM	38	HIGH	20.83	28.02	7.19	13	0.71	21.54	33	Pass
Band2	15	1880	16QAM	1	LOW	21.95	27.74	5.79	13	0.71	22.66	33	Pass
Band2	15	1880	16QAM	1	MID	21.92	26.56	4.64	13	0.71	22.63	33	Pass
Band2	15	1880	16QAM	1	HIGH	22.02	26.93	4.91	13	0.71	22.73	33	Pass
Band2	15	1902.5	QPSK	75	LOW	21.76	28.06	6.3	13	0.71	22.47	33	Pass
Band2	15	1902.5	QPSK	38	LOW	21.59	27.93	6.34	13	0.71	22.3	33	Pass
Band2	15	1902.5	QPSK	38	MID	21.58	27.96	6.38	13	0.71	22.29	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	21.58	27.94	6.36	13	0.71	22.29	33	Pass
Band2	15	1902.5	QPSK	1	LOW	22.52	27.11	4.59	13	0.71	23.23	33	Pass
Band2	15	1902.5	QPSK	1	MID	22.63	26.87	4.24	13	0.71	23.34	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	22.62	26.58	3.96	13	0.71	23.33	33	Pass
Band2	15	1902.5	16QAM	75	LOW	20.85	27.82	6.97	13	0.71	21.56	33	Pass
Band2	15	1902.5	16QAM	38	LOW	20.83	27.89	7.06	13	0.71	21.54	33	Pass
Band2	15	1902.5	16QAM	38	MID	20.84	27.86	7.02	13	0.71	21.55	33	Pass
Band2	15	1902.5	16QAM	38	HIGH	20.85	27.85	7	13	0.71	21.56	33	Pass
Band2	15	1902.5	16QAM	1	LOW	22.16	27.37	5.21	13	0.71	22.87	33	Pass
Band2	15	1902.5	16QAM	1	MID	22.25	26.7	4.45	13	0.71	22.96	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	22.23	27.21	4.98	13	0.71	22.94	33	Pass
Band2	20	1860	QPSK	100	LOW	21.73	27.99	6.26	13	0.71	22.44	33	Pass
Band2	20	1860	QPSK	50	LOW	21.81	27.67	5.86	13	0.71	22.52	33	Pass
Band2	20	1860	QPSK	50	MID	21.81	27.67	5.86	13	0.71	22.52	33	Pass
Band2	20	1860	QPSK	50	HIGH	21.8	27.76	5.96	13	0.71	22.51	33	Pass
Band2	20	1860	QPSK	1	LOW	23.39	27.39	4	13	0.71	24.1	33	Pass
Band2	20	1860	QPSK	1	MID	22.98	27.35	4.37	13	0.71	23.69	33	Pass
Band2	20	1860	QPSK	1	HIGH	23.01	27.43	4.42	13	0.71	23.72	33	Pass
Band2	20	1860	16QAM	100	LOW	21.02	28.74	7.72	13	0.71	21.73	33	Pass
Band2	20	1860	16QAM	50	LOW	21.04	28.15	7.11	13	0.71	21.75	33	Pass
Band2	20	1860	16QAM	50	MID	21.05	28.12	7.07	13	0.71	21.76	33	Pass
Band2	20	1860	16QAM	50	HIGH	20.88	28.08	7.2	13	0.71	21.59	33	Pass
Band2	20	1860	16QAM	1	LOW	22.14	28.14	6	13	0.71	22.85	33	Pass
Band2	20	1860	16QAM	1	MID	21.98	27.19	5.21	13	0.71	22.69	33	Pass
Band2	20	1860	16QAM	1	HIGH	21.79	28.08	6.29	13	0.71	22.5	33	Pass

Band2	20	1880	QPSK	100	LOW	21.65	28.02	6.37	13	0.71	22.36	33	Pass
Band2	20	1880	QPSK	50	LOW	21.63	27.66	6.03	13	0.71	22.34	33	Pass
Band2	20	1880	QPSK	50	MID	21.62	27.67	6.05	13	0.71	22.33	33	Pass
Band2	20	1880	QPSK	50	HIGH	21.59	27.52	5.93	13	0.71	22.3	33	Pass
Band2	20	1880	QPSK	1	LOW	22.94	28.41	5.47	13	0.71	23.65	33	Pass
Band2	20	1880	QPSK	1	MID	22.94	27.22	4.28	13	0.71	23.65	33	Pass
Band2	20	1880	QPSK	1	HIGH	22.93	27.88	4.95	13	0.71	23.64	33	Pass
Band2	20	1880	16QAM	100	LOW	20.89	28.14	7.25	13	0.71	21.6	33	Pass
Band2	20	1880	16QAM	50	LOW	20.74	27.68	6.94	13	0.71	21.45	33	Pass
Band2	20	1880	16QAM	50	MID	20.75	27.65	6.9	13	0.71	21.46	33	Pass
Band2	20	1880	16QAM	50	HIGH	20.93	27.69	6.76	13	0.71	21.64	33	Pass
Band2	20	1880	16QAM	1	LOW	21.73	27.5	5.77	13	0.71	22.44	33	Pass
Band2	20	1880	16QAM	1	MID	21.74	27.39	5.65	13	0.71	22.45	33	Pass
Band2	20	1880	16QAM	1	HIGH	21.72	27.08	5.36	13	0.71	22.43	33	Pass
Band2	20	1900	QPSK	100	LOW	21.71	27.99	6.28	13	0.71	22.42	33	Pass
Band2	20	1900	QPSK	50	LOW	21.7	27.57	5.87	13	0.71	22.41	33	Pass
Band2	20	1900	QPSK	50	MID	21.71	27.6	5.89	13	0.71	22.42	33	Pass
Band2	20	1900	QPSK	50	HIGH	21.76	27.54	5.78	13	0.71	22.47	33	Pass
Band2	20	1900	QPSK	1	LOW	22.69	27.65	4.96	13	0.71	23.4	33	Pass
Band2	20	1900	QPSK	1	MID	22.79	27.06	4.27	13	0.71	23.5	33	Pass
Band2	20	1900	QPSK	1	HIGH	22.8	27.2	4.4	13	0.71	23.51	33	Pass
Band2	20	1900	16QAM	100	LOW	20.89	28.15	7.26	13	0.71	21.6	33	Pass
Band2	20	1900	16QAM	50	LOW	20.91	27.66	6.75	13	0.71	21.62	33	Pass
Band2	20	1900	16QAM	50	MID	20.83	27.66	6.83	13	0.71	21.54	33	Pass
Band2	20	1900	16QAM	50	HIGH	20.92	27.7	6.78	13	0.71	21.63	33	Pass
Band2	20	1900	16QAM	1	LOW	22.46	27.61	5.15	13	0.71	23.17	33	Pass
Band2	20	1900	16QAM	1	MID	22.54	27.13	4.59	13	0.71	23.25	33	Pass
Band2	20	1900	16QAM	1	HIGH	22.54	27.59	5.05	13	0.71	23.25	33	Pass