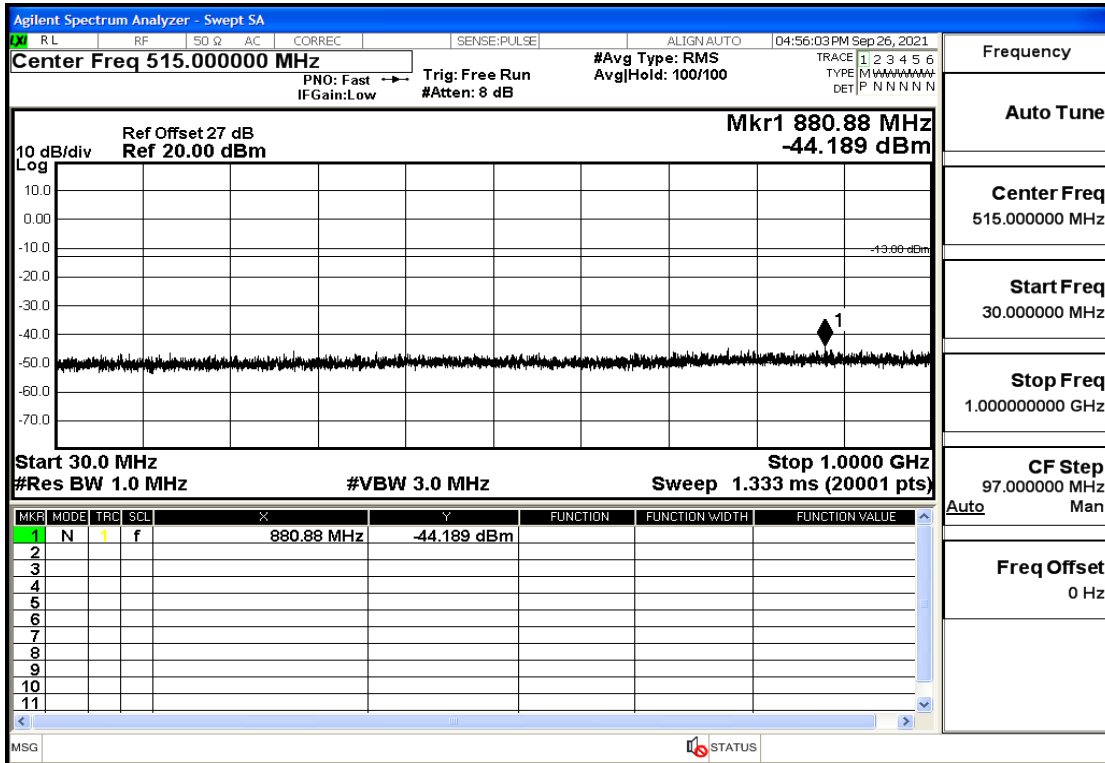
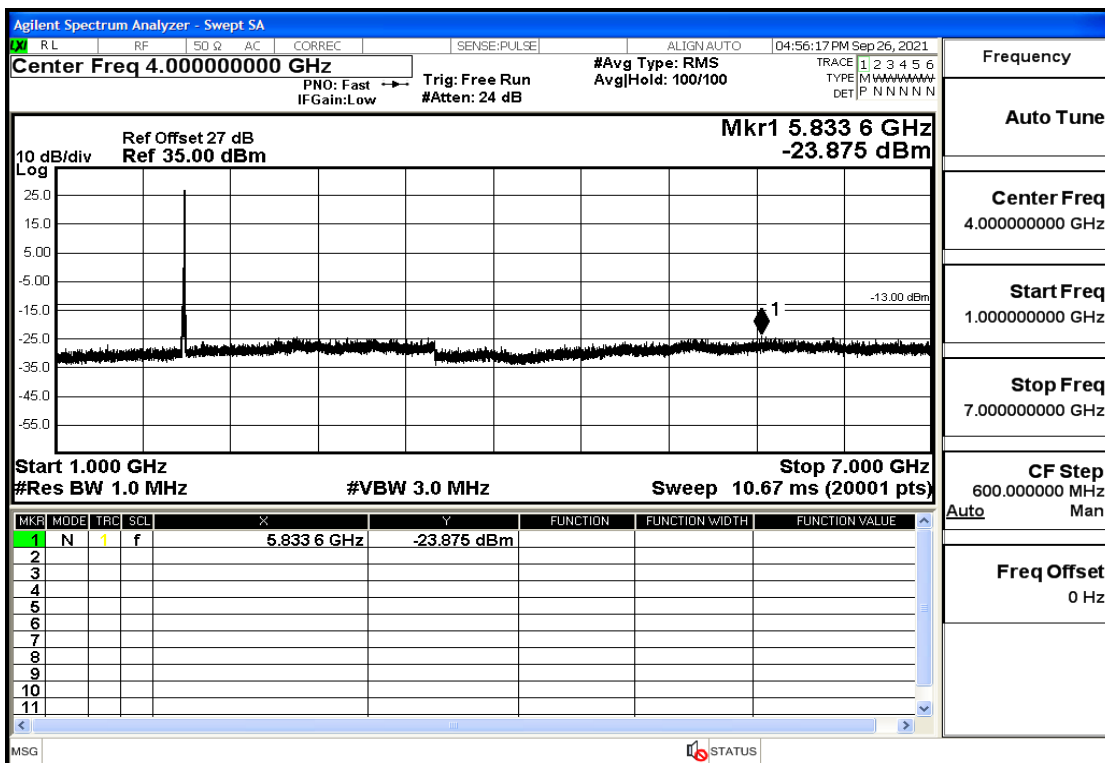


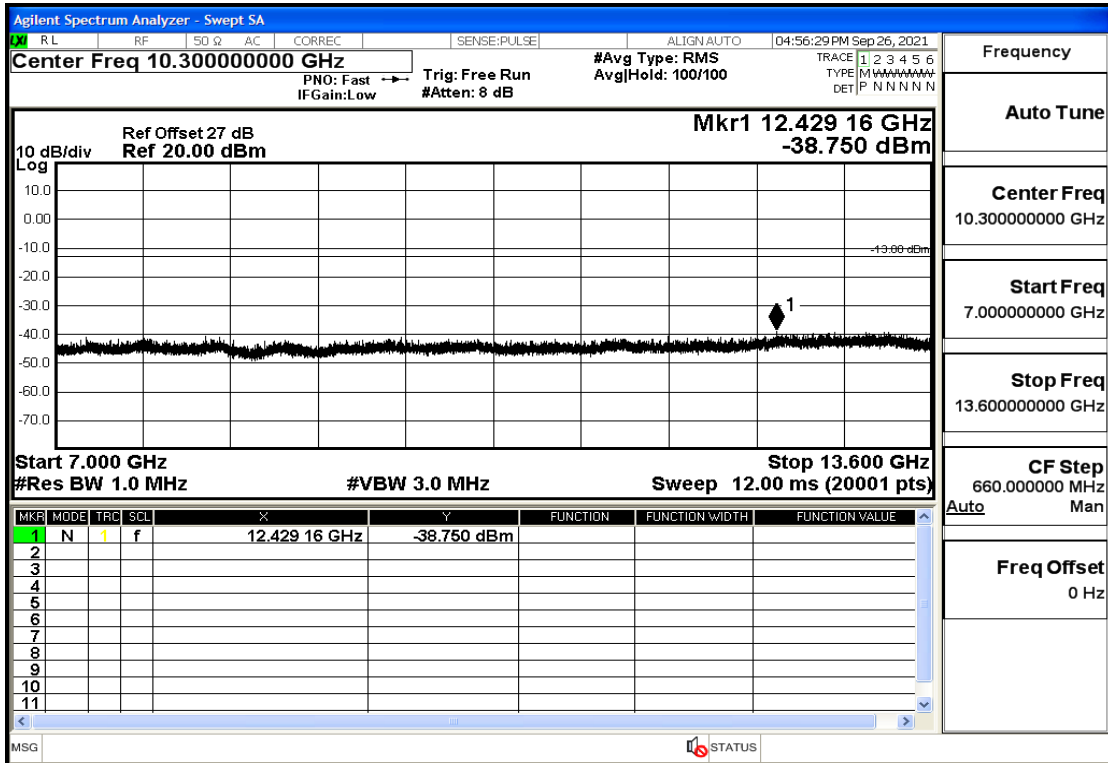
OB2-15-1880-QPSK-1#68@30mHz-1GHz@Pass



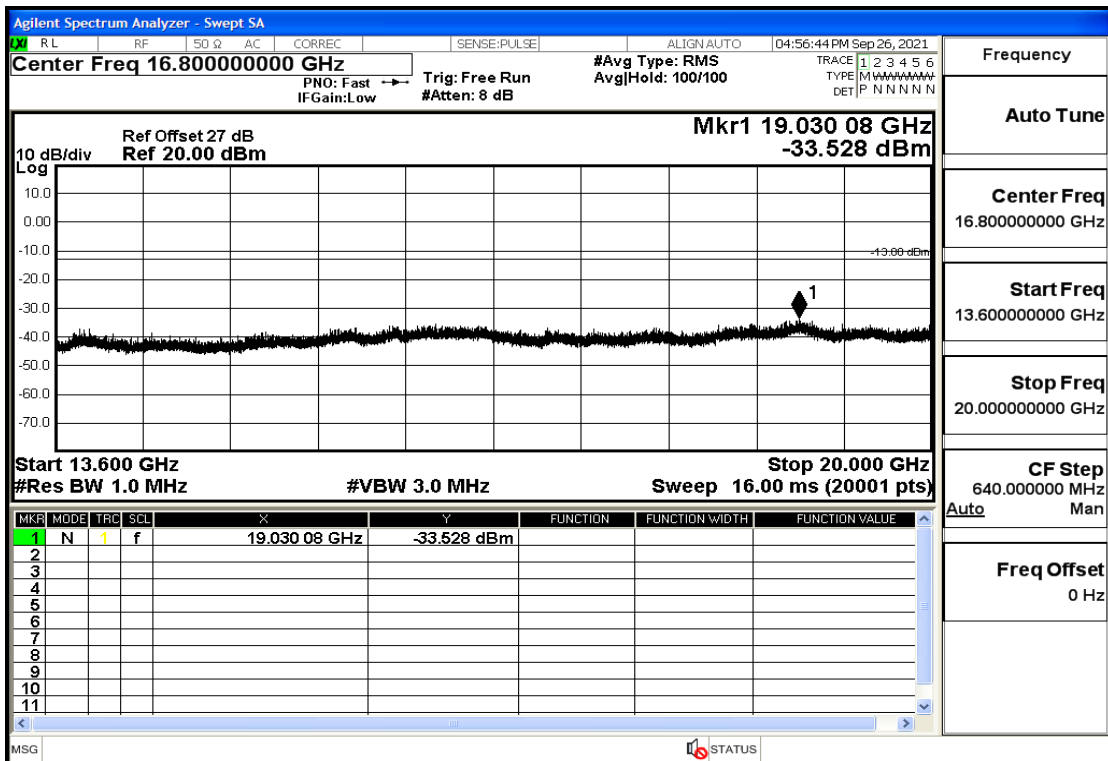
OB2-15-1880-QPSK-1#68@1GHz-7GHz@Pass



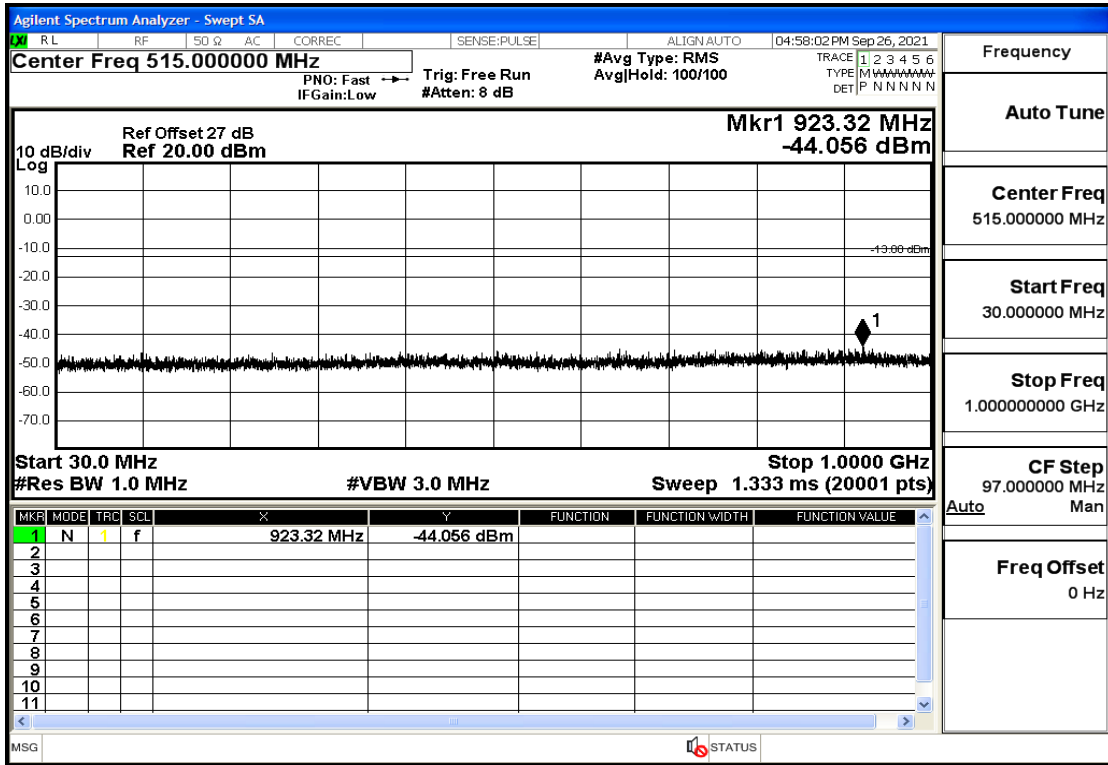
OB2-15-1880-QPSK-1#68@7GHz-13.6GHz@Pass



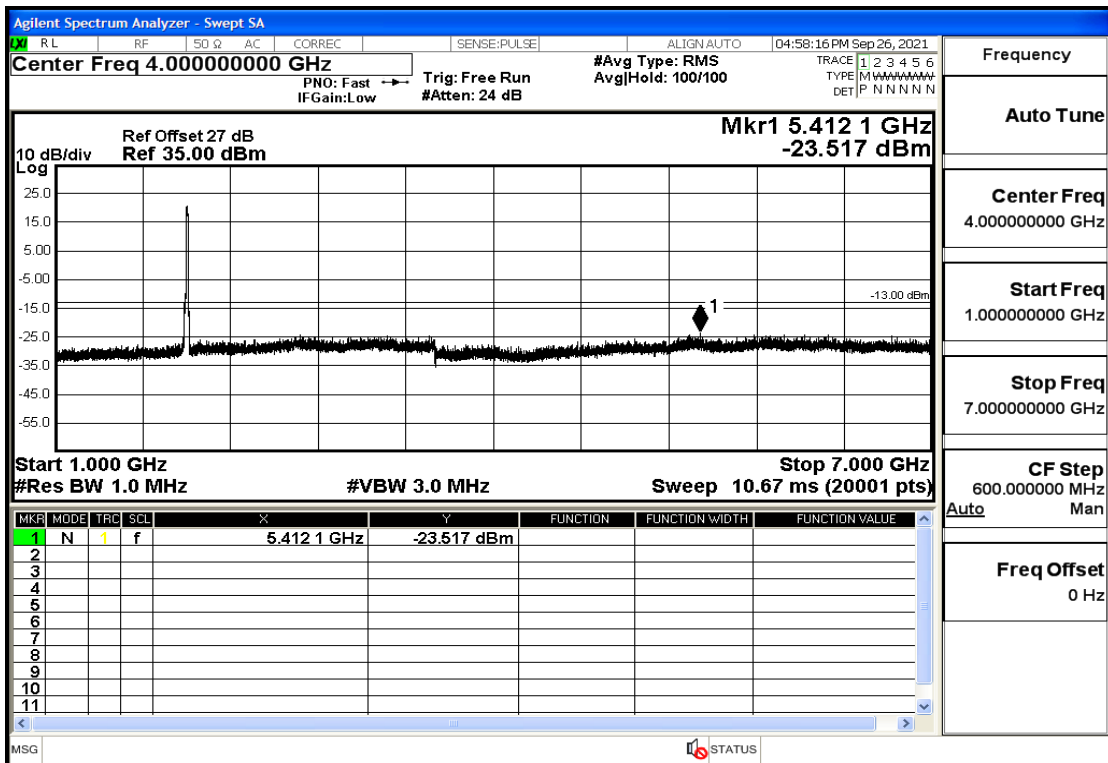
OB2-15-1880-QPSK-1#68@13.6GHz-20GHz@Pass



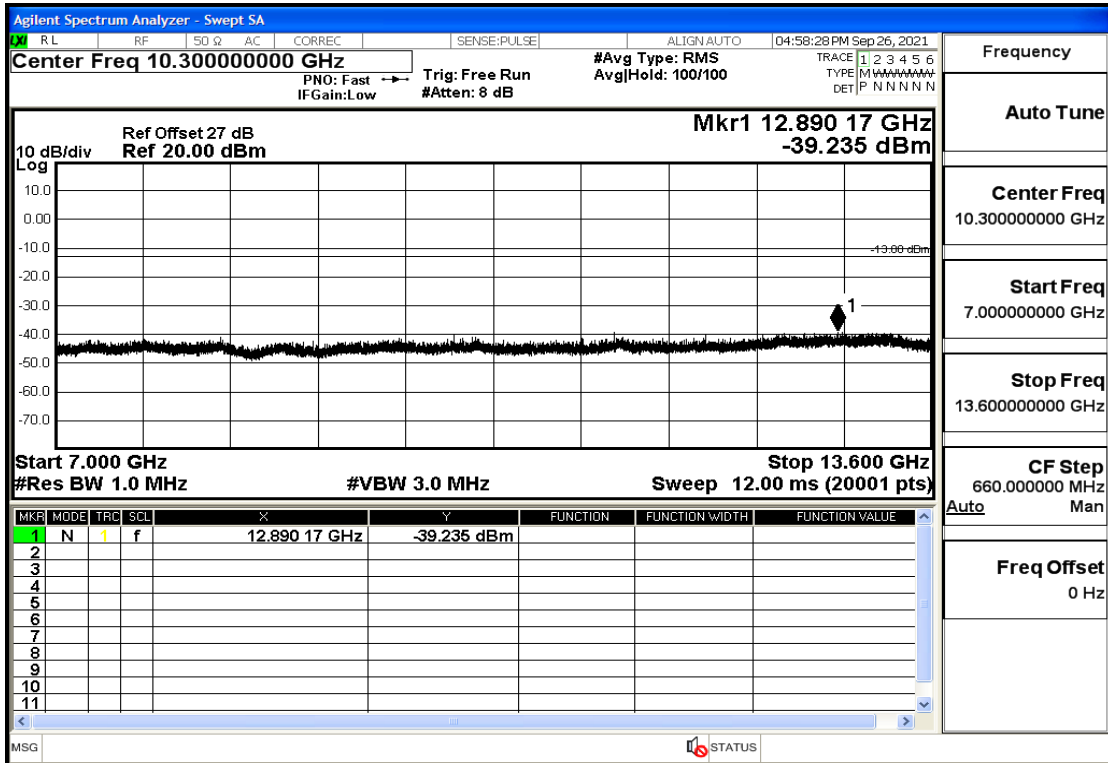
OB2-15-1902.5-QPSK-75#0@30mHz-1GHz@Pass



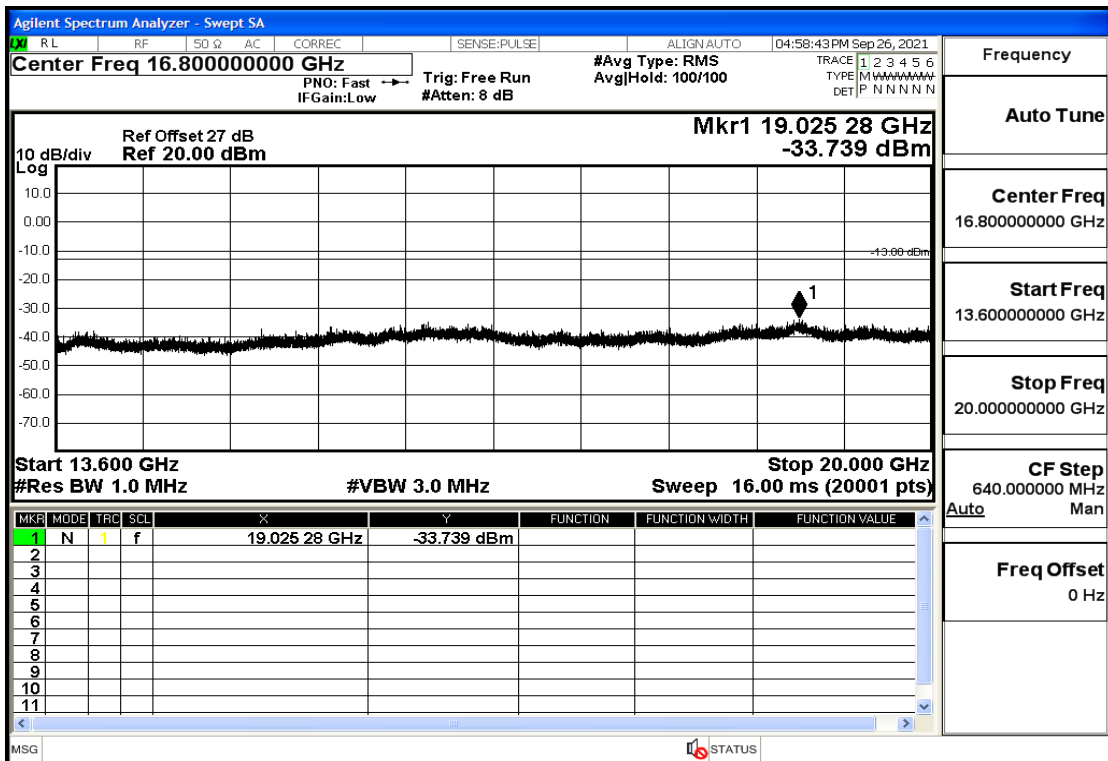
OB2-15-1902.5-QPSK-75#0@1GHz-7GHz@Pass



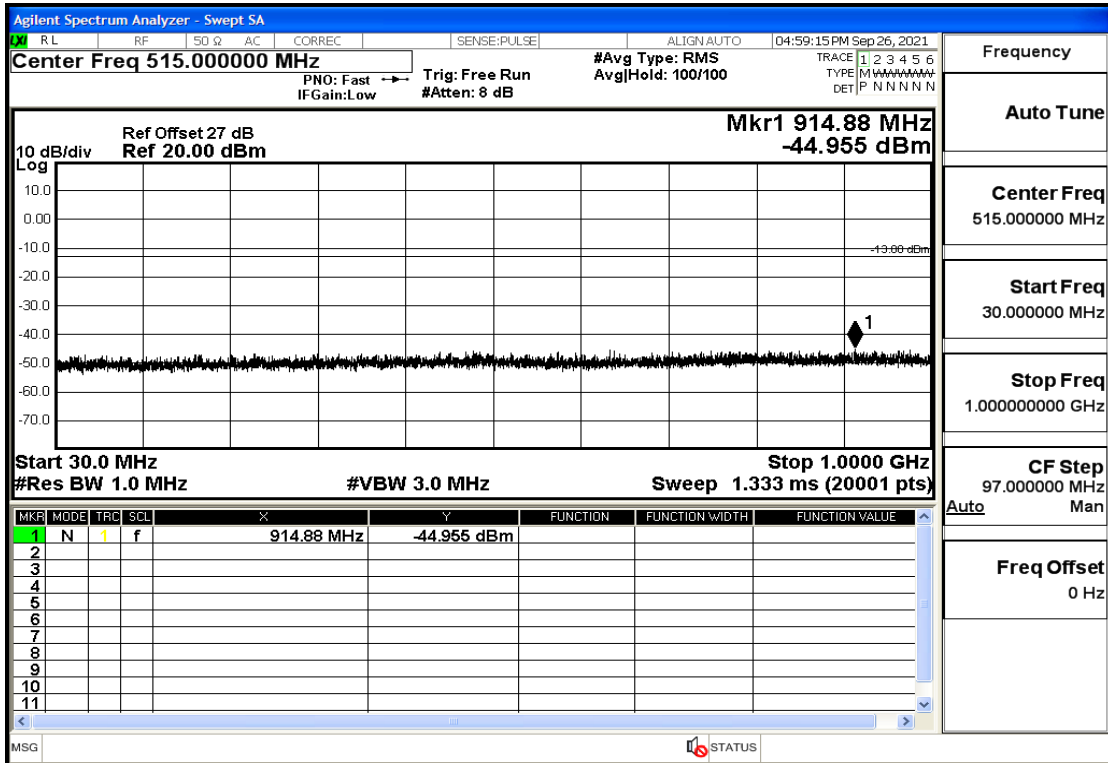
OB2-15-1902.5-QPSK-75#0@7GHz-13.6GHz@Pass



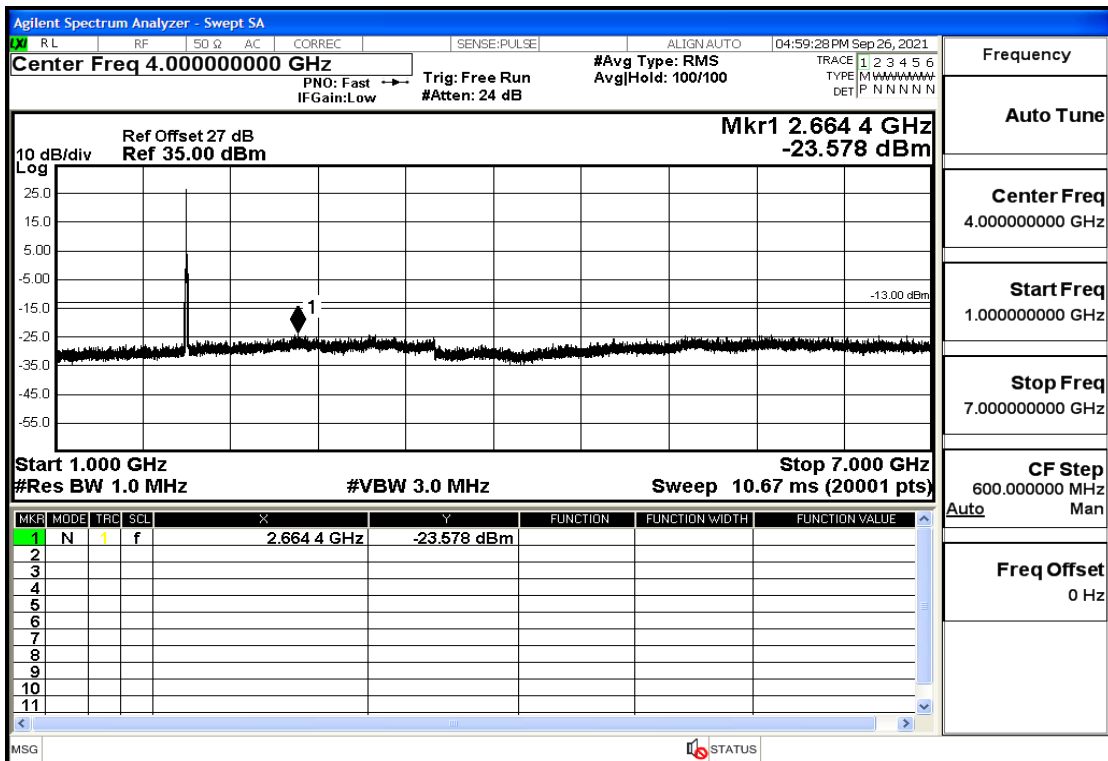
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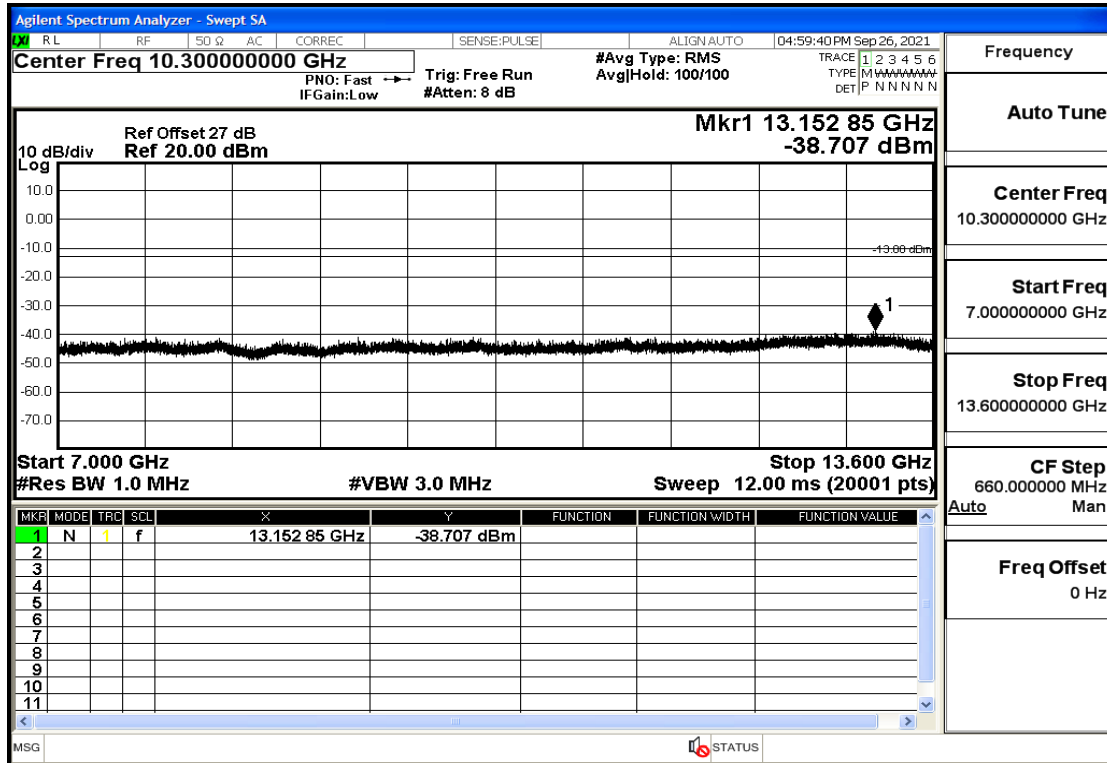
OB2-15-1902.5-QPSK-1#0@30mHz-1GHz@Pass



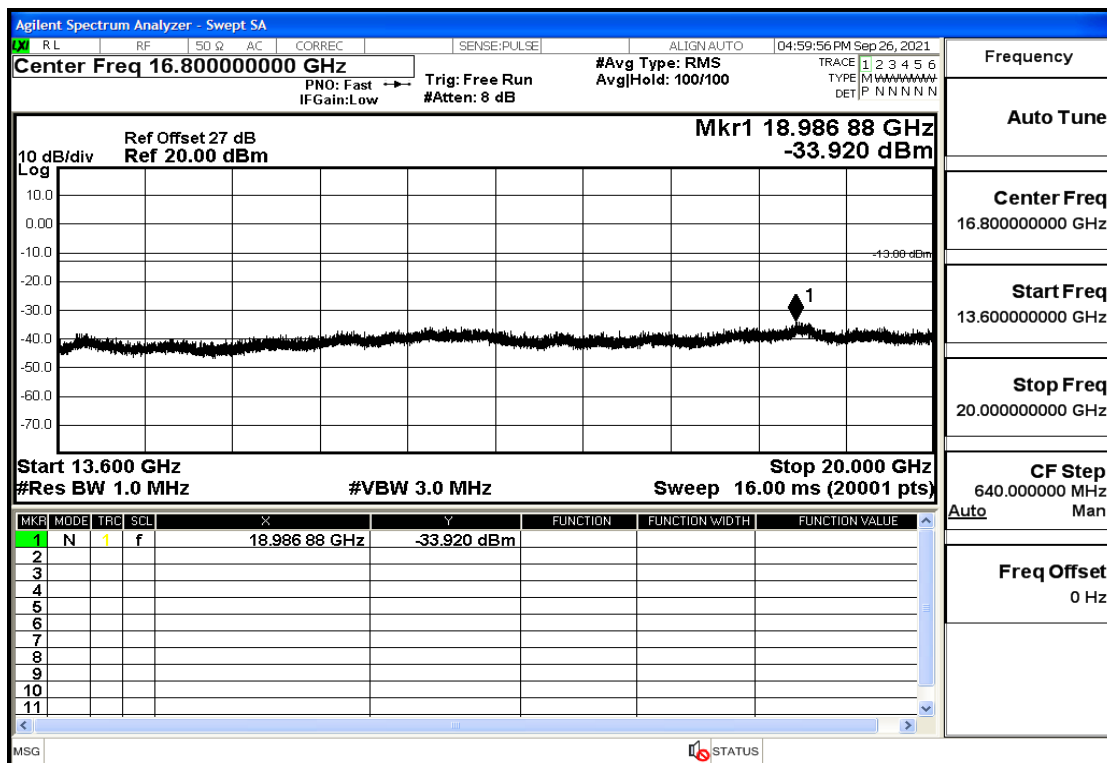
OB2-15-1902.5-QPSK-1#0@1GHz-7GHz@Pass



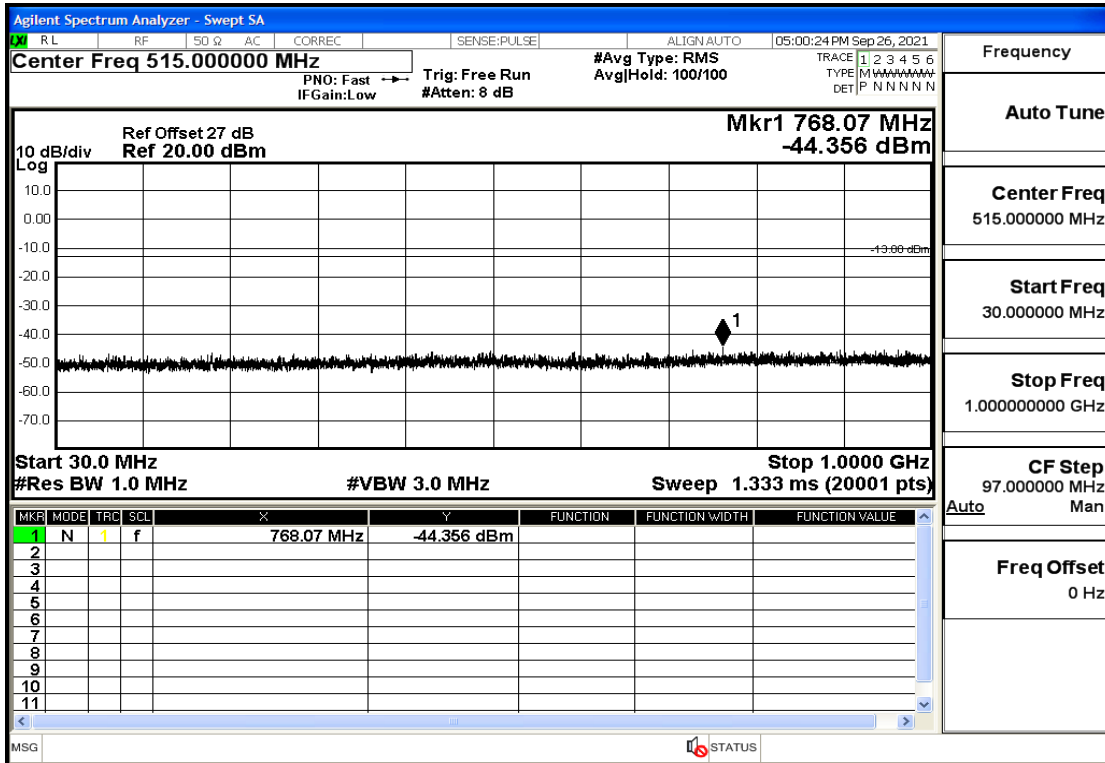
OB2-15-1902.5-QPSK-1#0@7GHz-13.6GHz@Pass



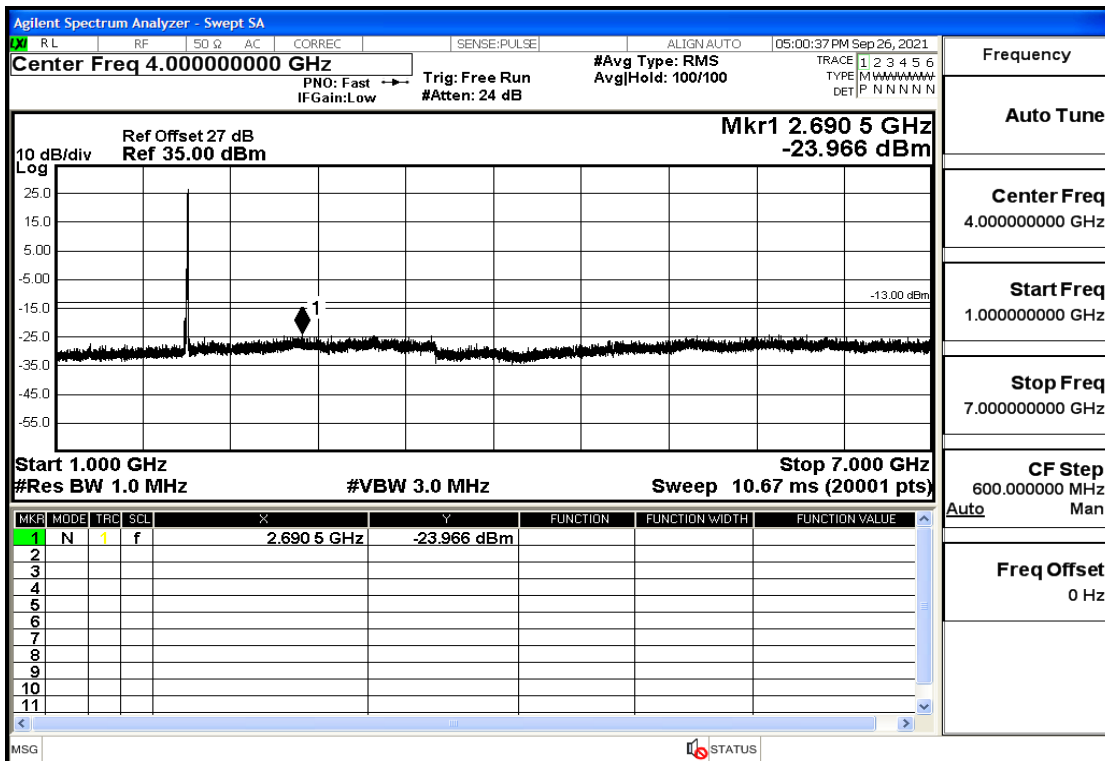
OB2-15-1902.5-QPSK-1#0@13.6GHz-20GHz@Pass



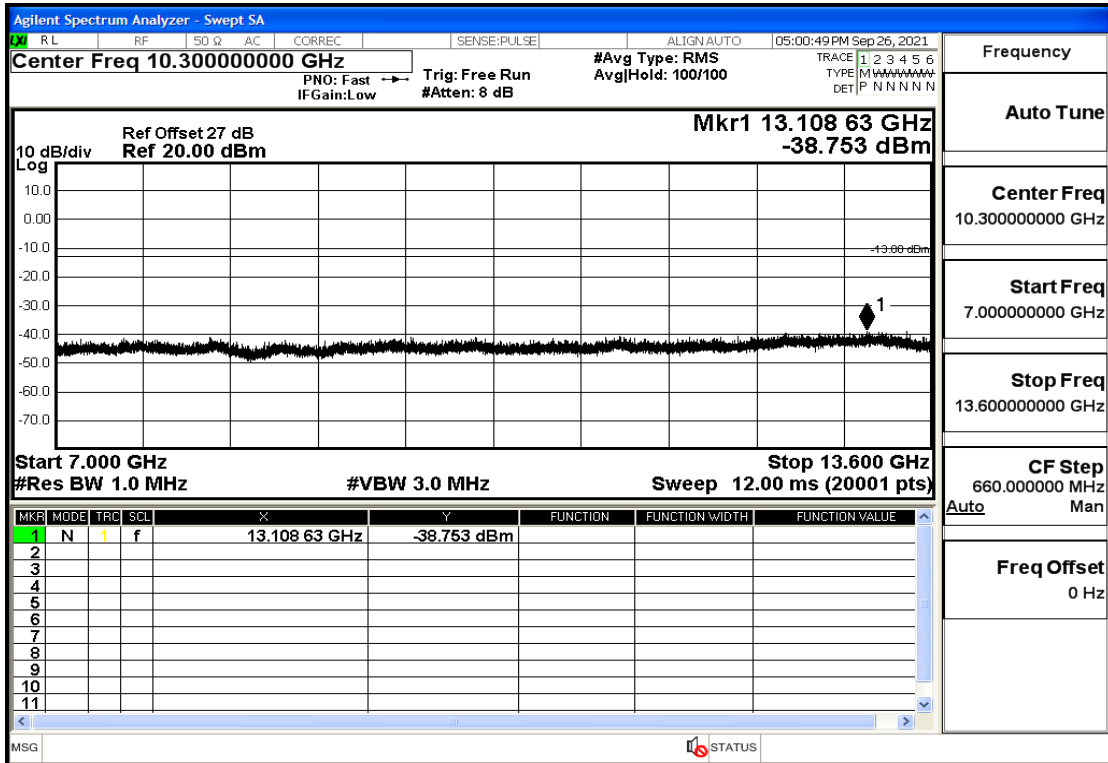
OB2-15-1902.5-QPSK-1#68@30mHz-1GHz@Pass



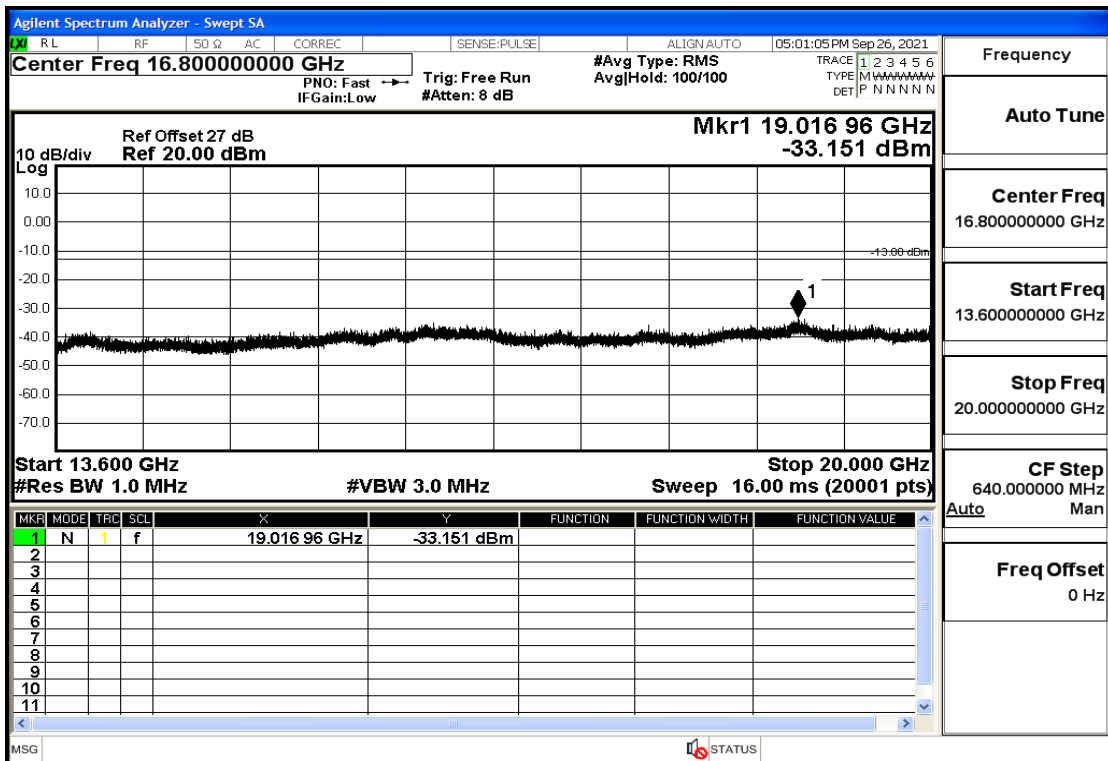
OB2-15-1902.5-QPSK-1#68@1GHz-7GHz@Pass



OB2-15-1902.5-QPSK-1#68@7GHz-13.6GHz@Pass

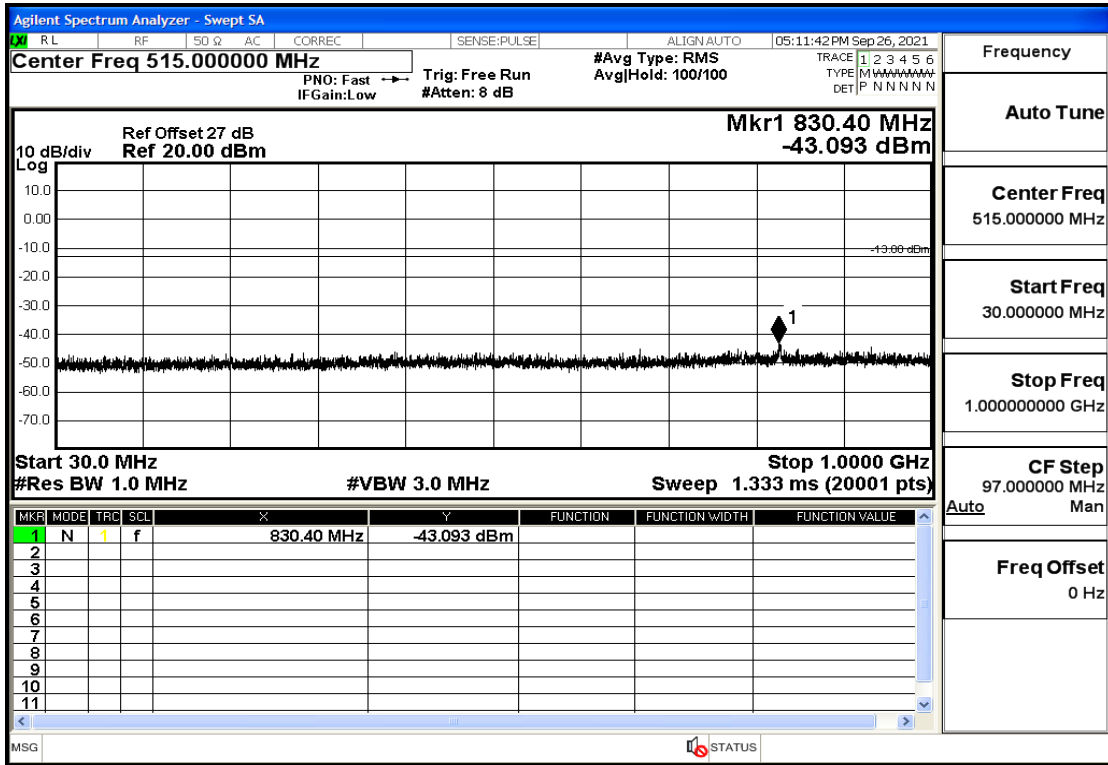


OB2-15-1902.5-QPSK-1#68@13.6GHz-20GHz@Pass

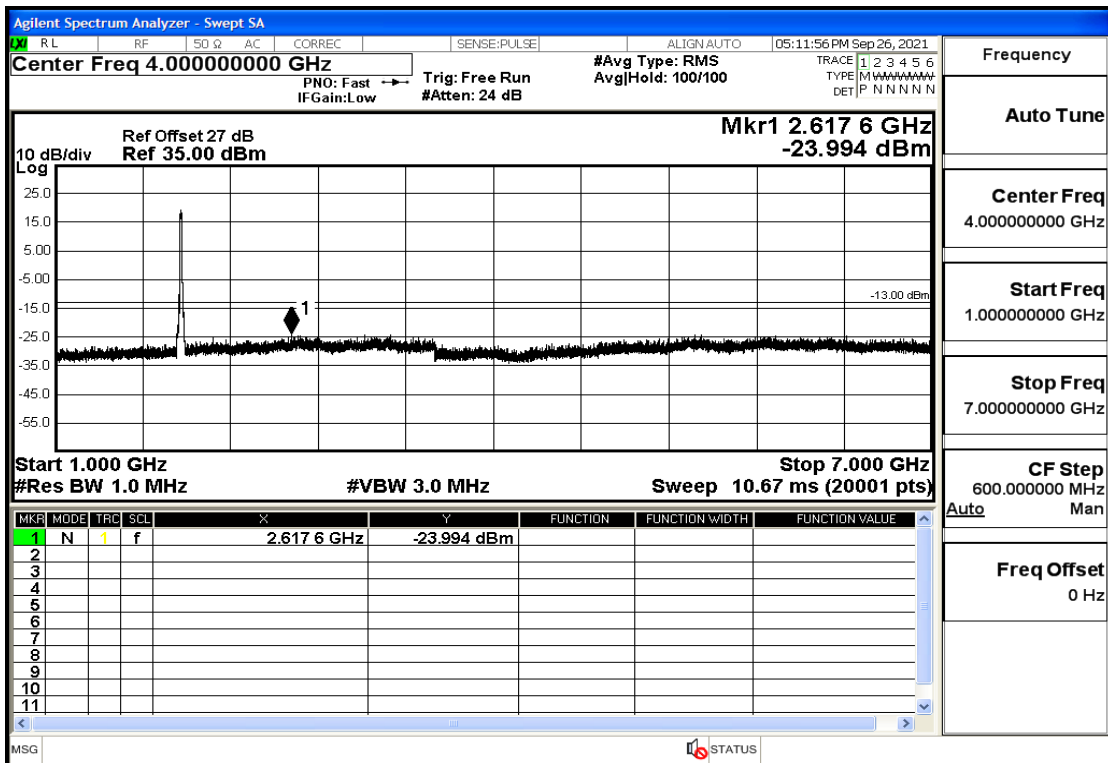




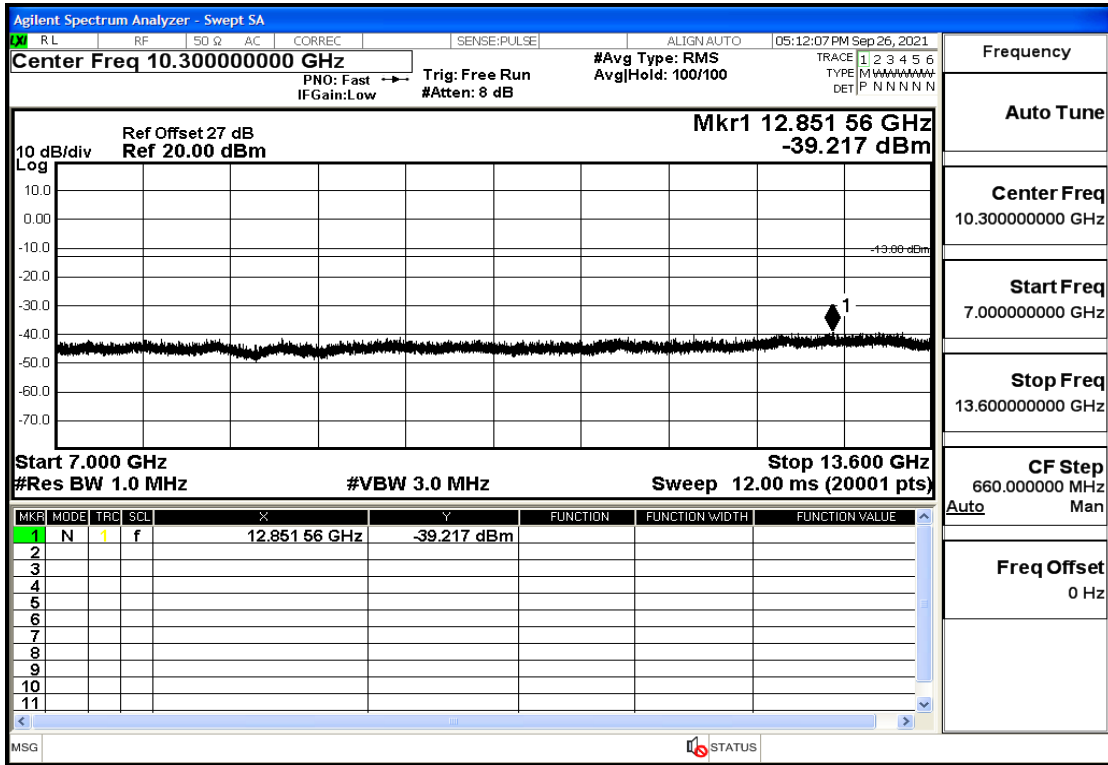
OB2-20-1860-QPSK-100#0@30mHz-1GHz@Pass



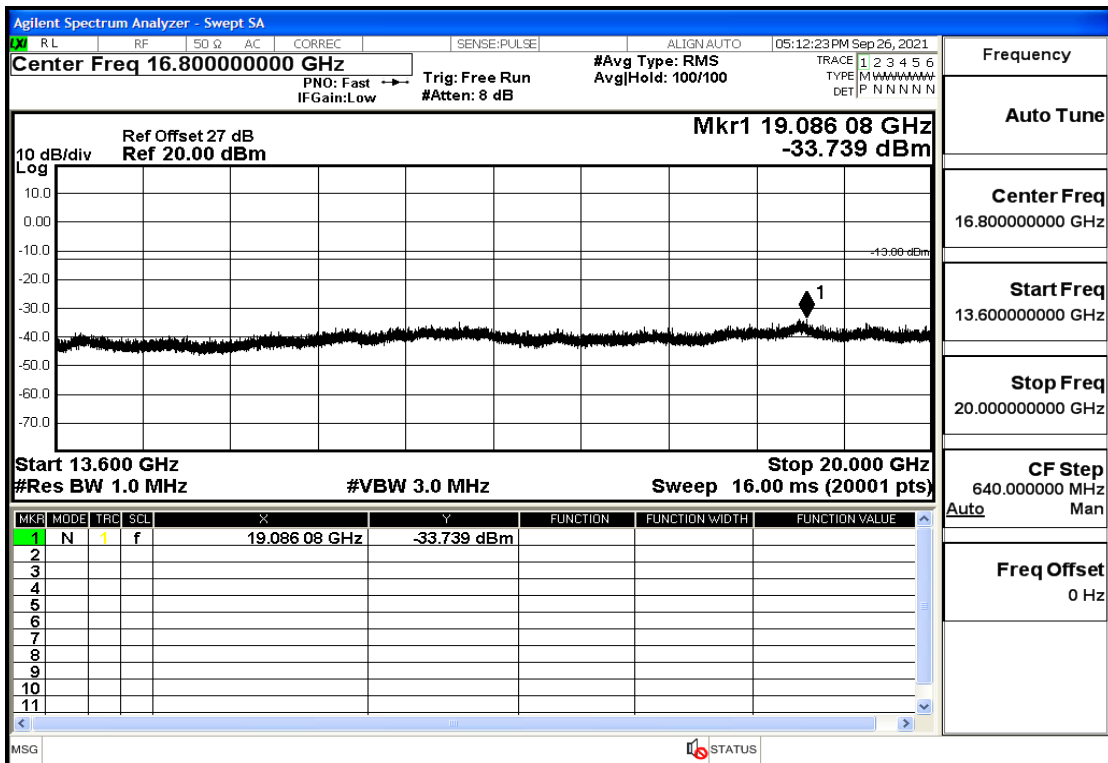
OB2-20-1860-QPSK-100#0@1GHz-7GHz@Pass



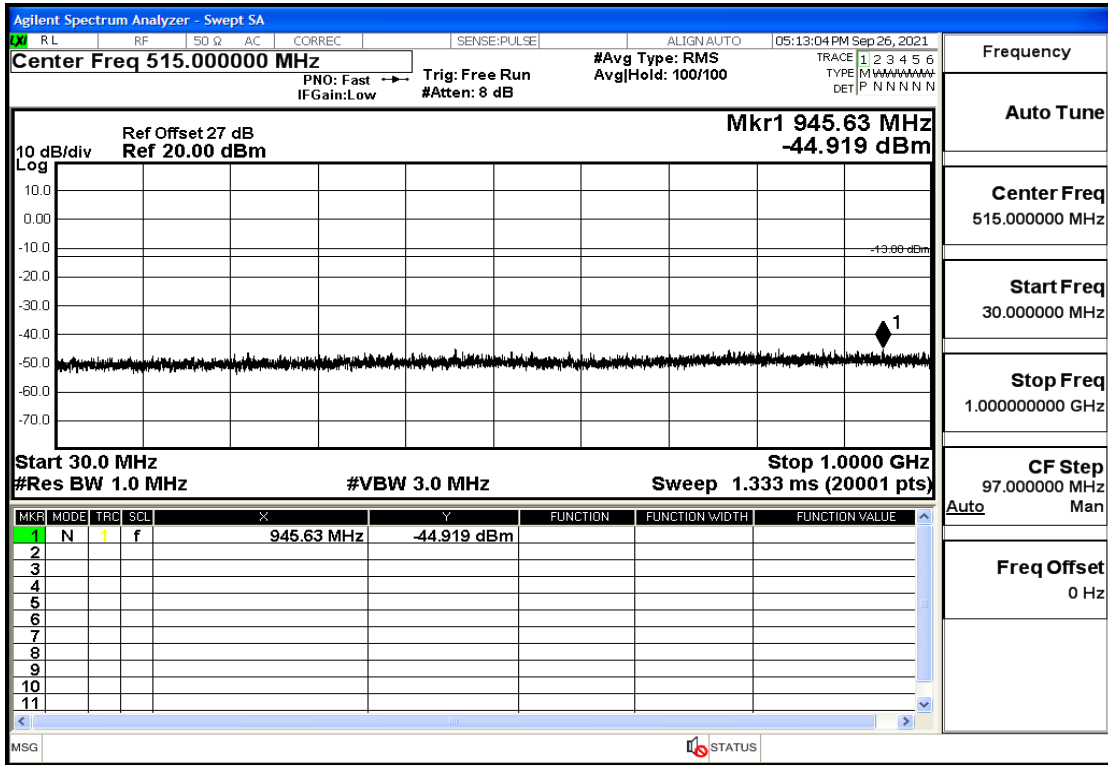
OB2-20-1860-QPSK-100#0@7GHz-13.6GHz@Pass



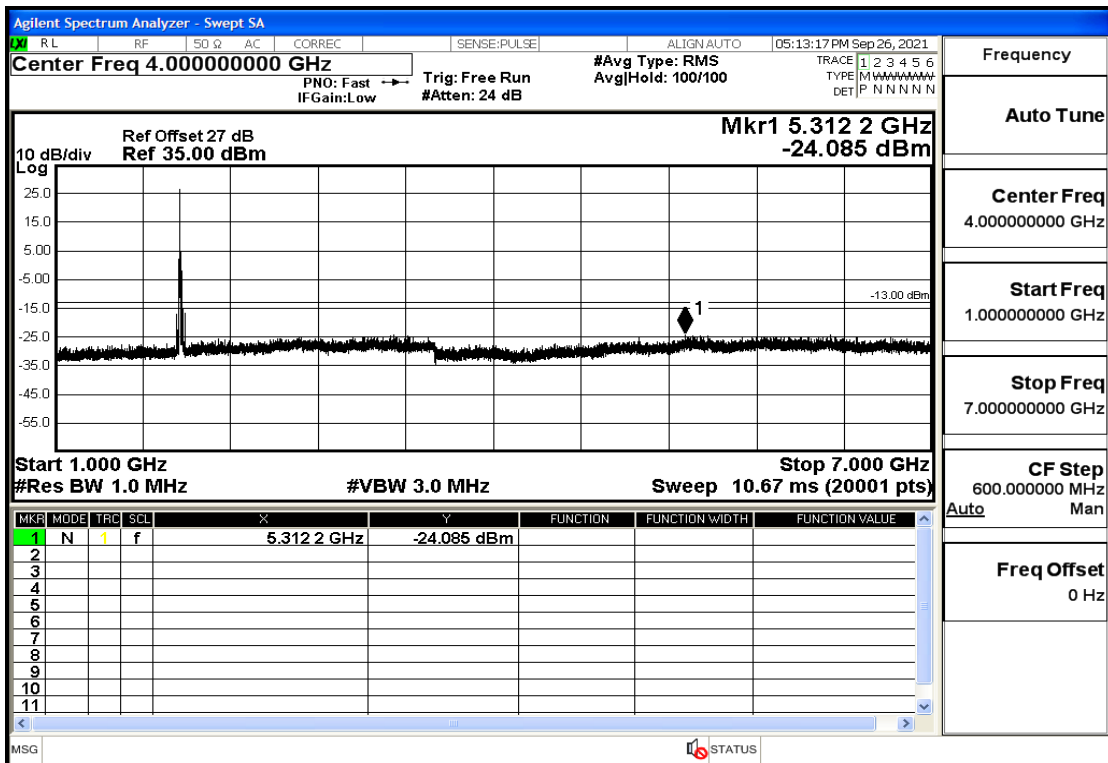
OB2-20-1860-QPSK-100#0@13.6GHz-20GHz@Pass



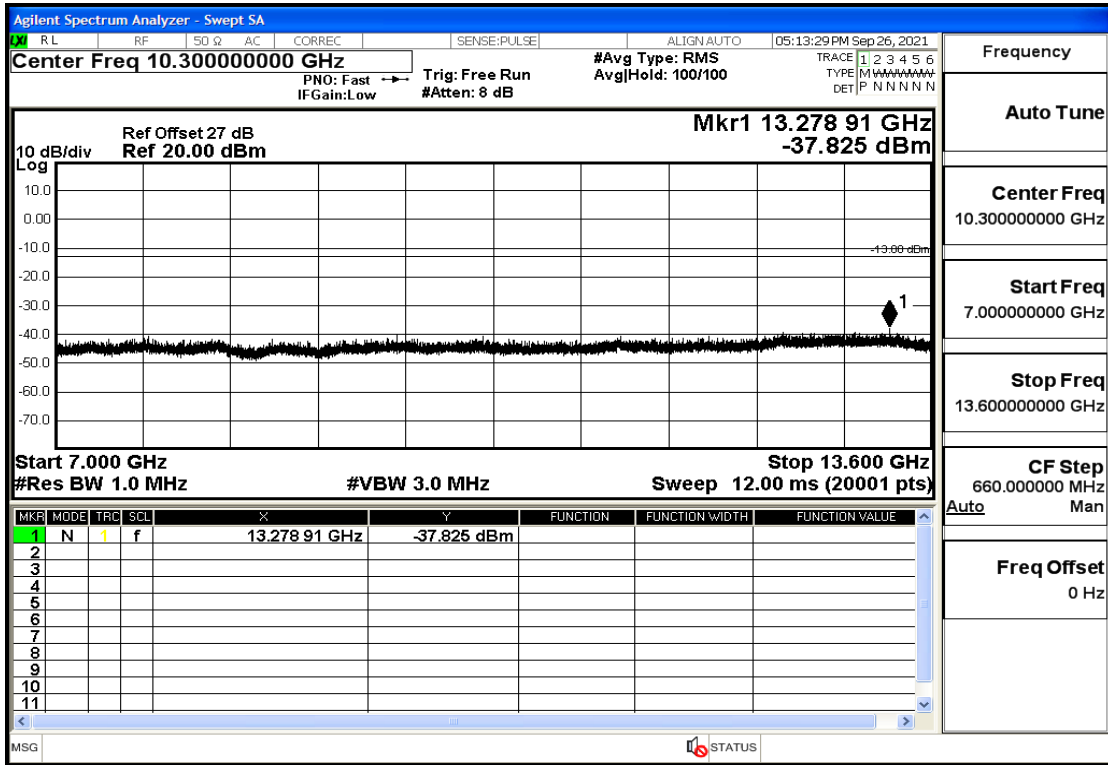
OB2-20-1860-QPSK-1#0@30mHz-1GHz@Pass



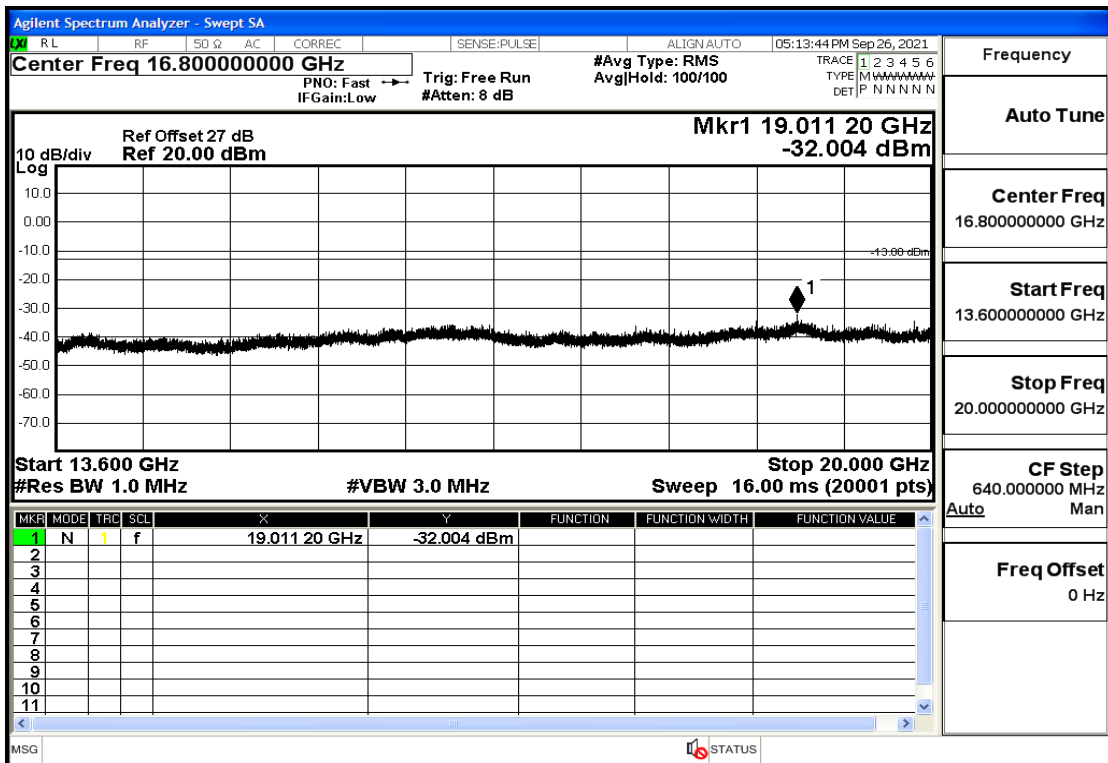
OB2-20-1860-QPSK-1#0@1GHz-7GHz@Pass



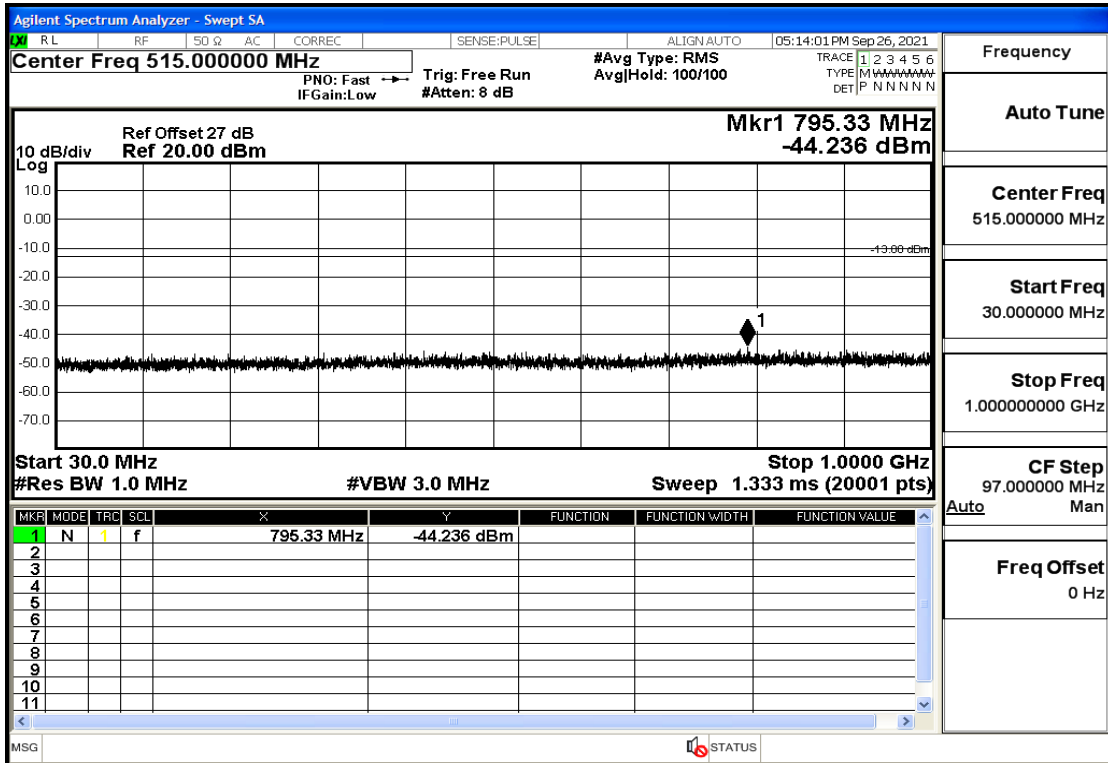
OB2-20-1860-QPSK-1#0@7GHz-13.6GHz@Pass



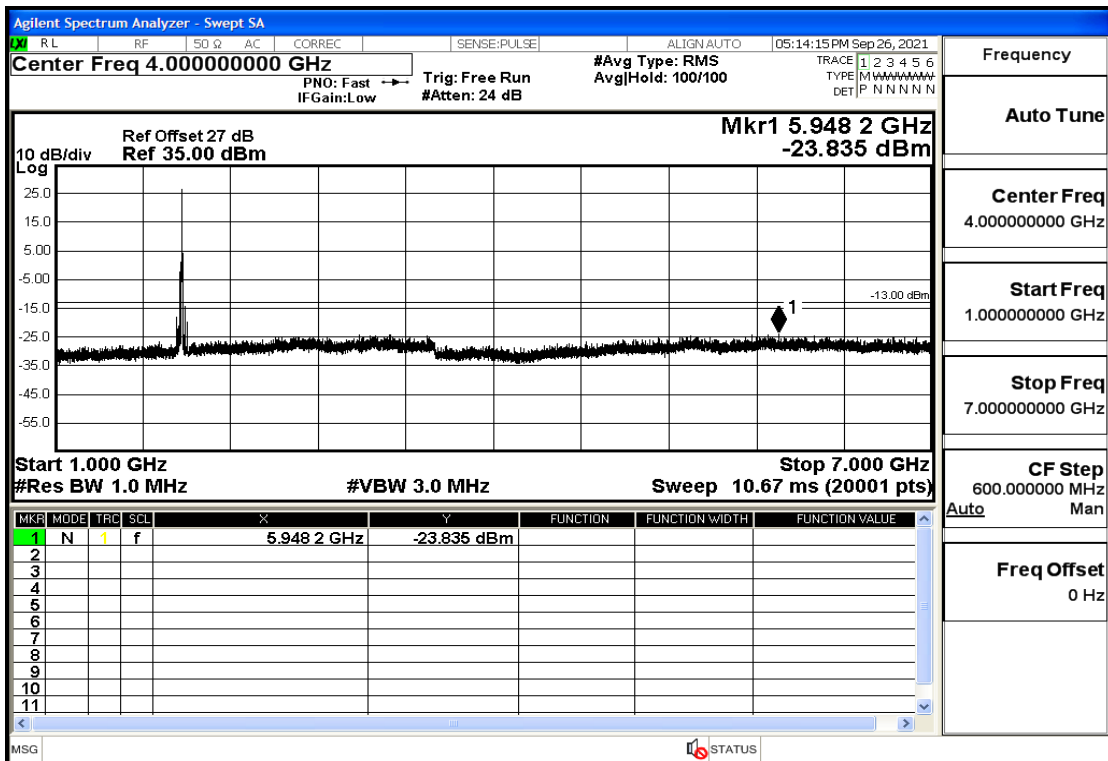
OB2-20-1860-QPSK-1#0@13.6GHz-20GHz@Pass



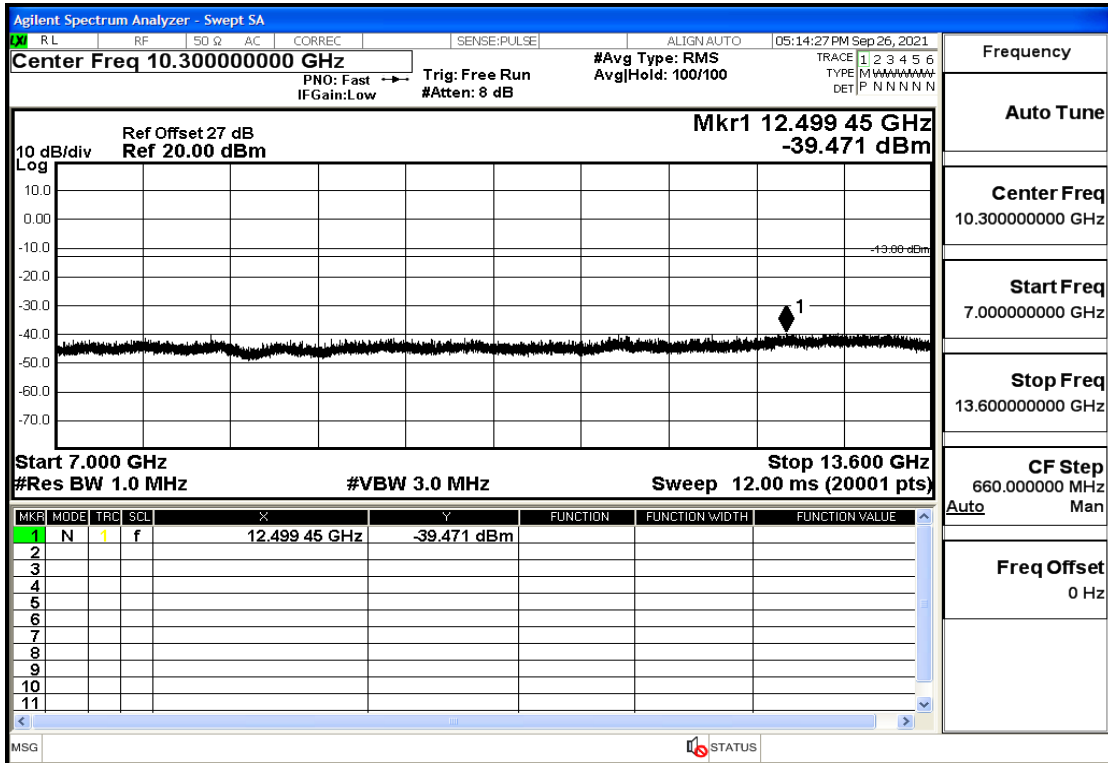
OB2-20-1860-QPSK-1#99@30mHz-1GHz@Pass



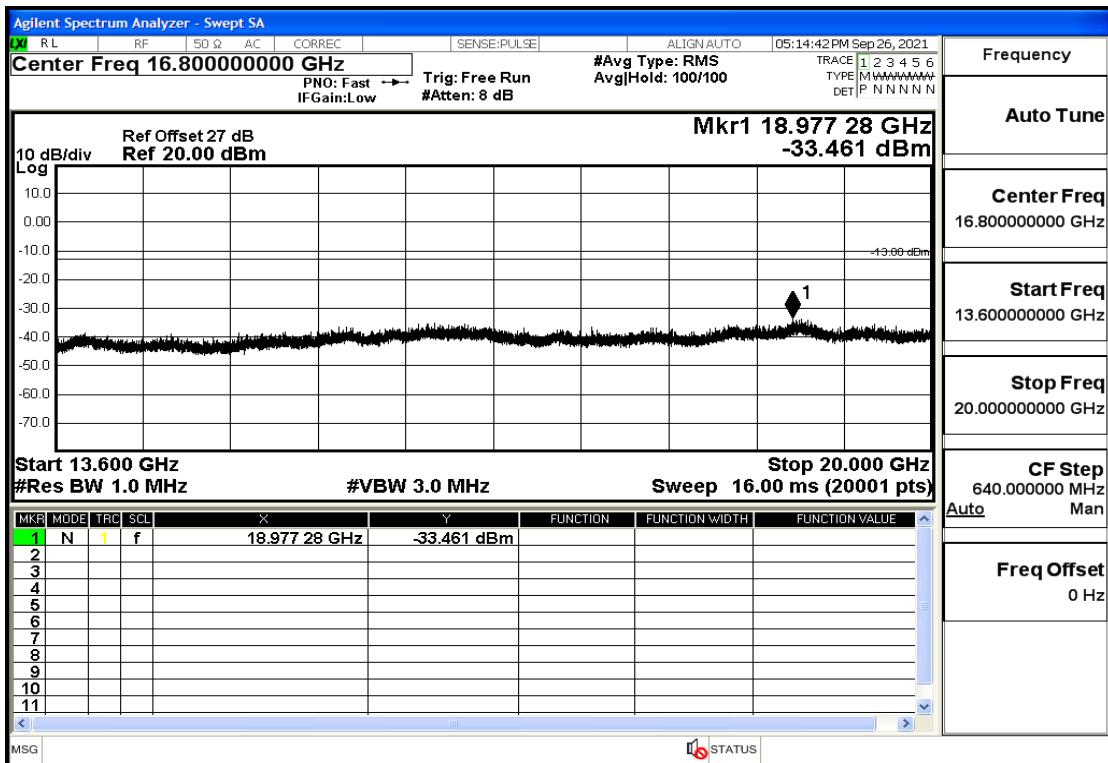
OB2-20-1860-QPSK-1#99@1GHz-7GHz@Pass



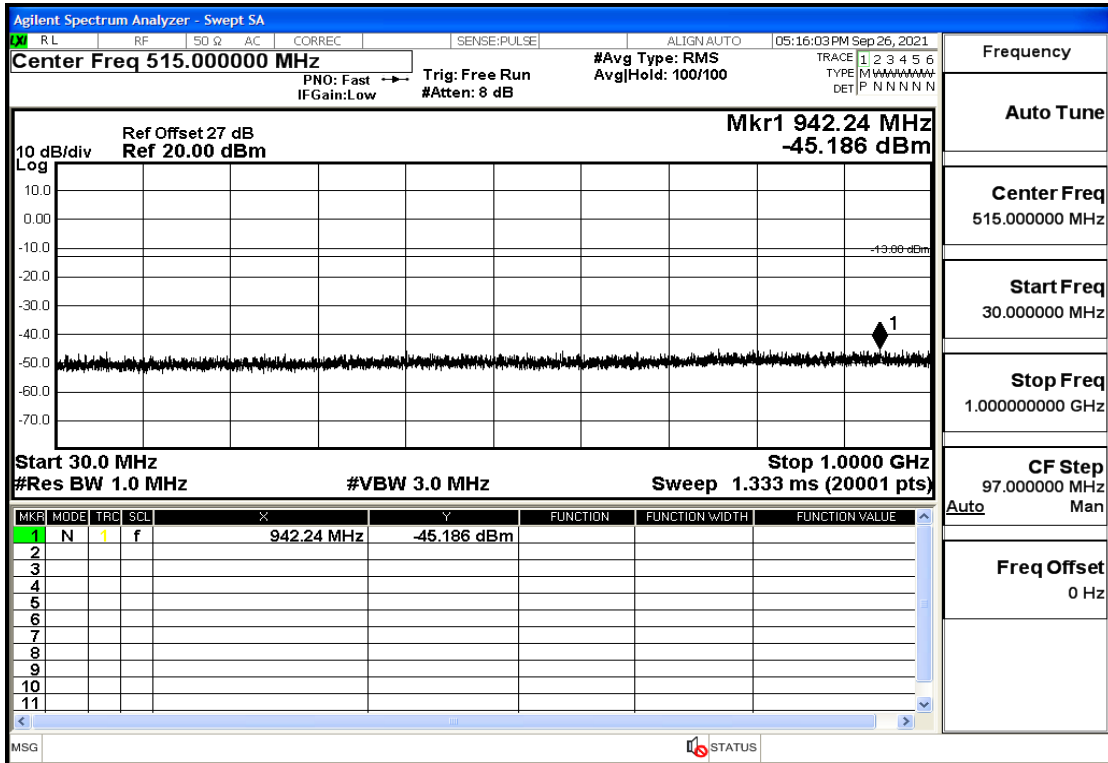
OB2-20-1860-QPSK-1#99@7GHz-13.6GHz@Pass



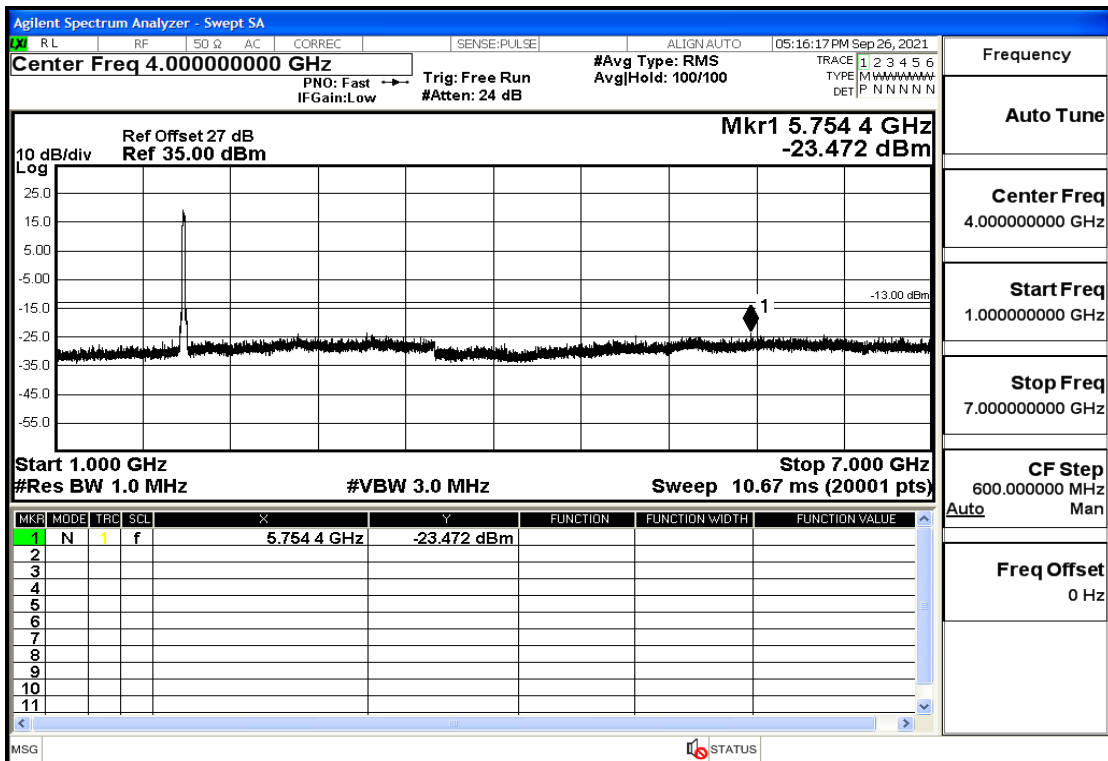
OB2-20-1860-QPSK-1#99@13.6GHz-20GHz@Pass



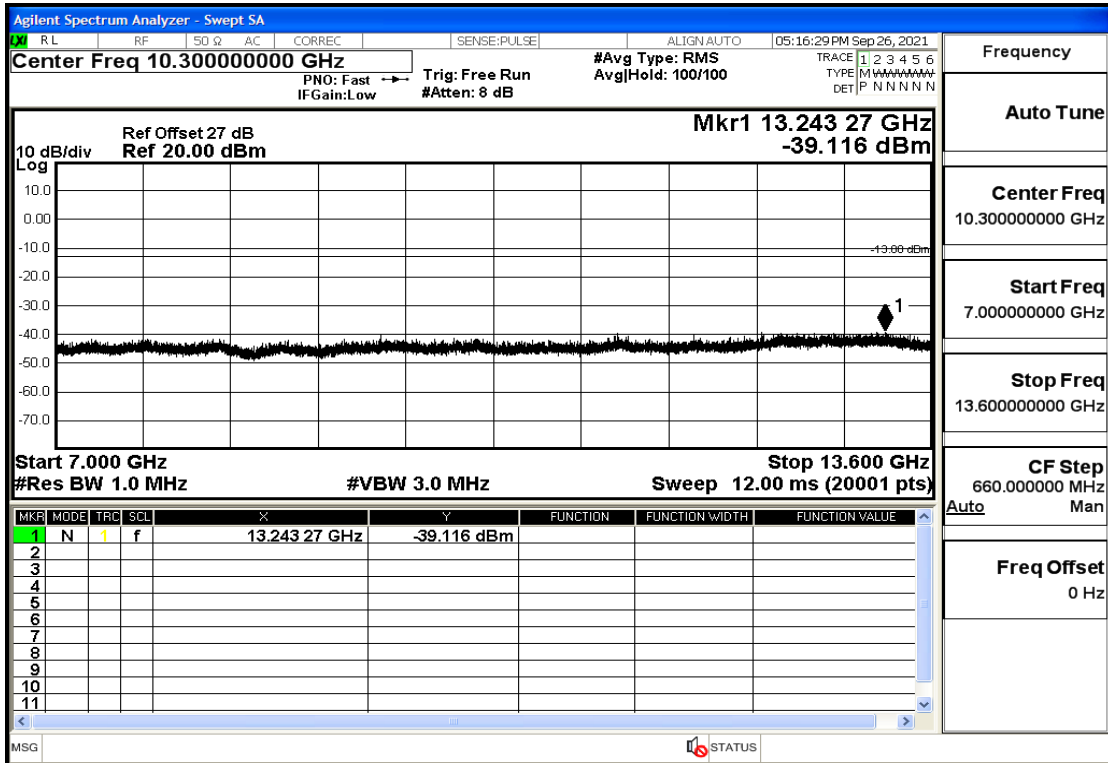
OB2-20-1880-QPSK-100#0@30mHz-1GHz@Pass



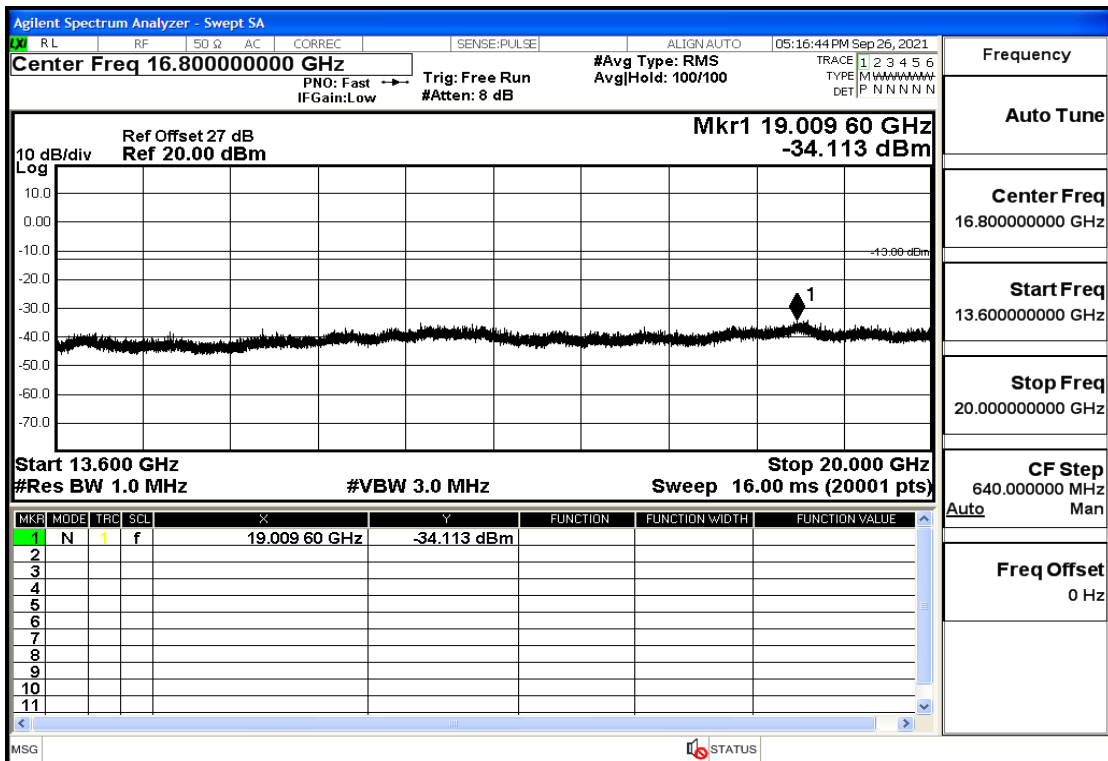
OB2-20-1880-QPSK-100#0@1GHz-7GHz@Pass



OB2-20-1880-QPSK-100#0@7GHz-13.6GHz@Pass

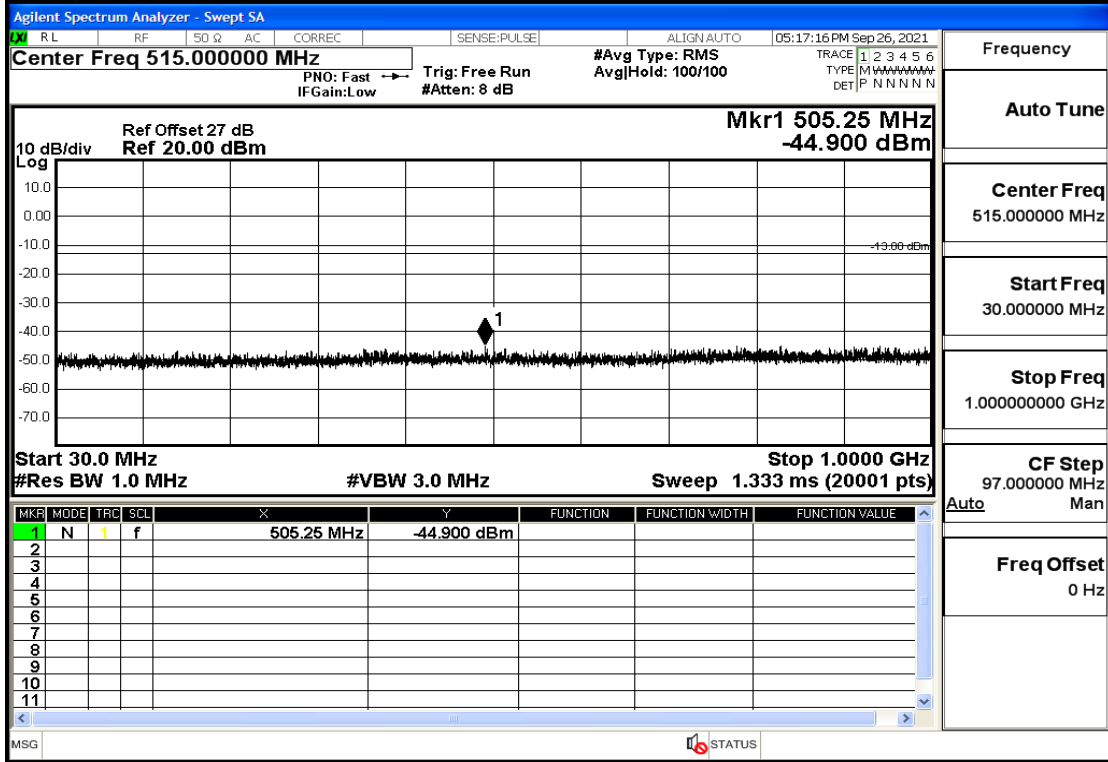


OB2-20-1880-QPSK-100#0@13.6GHz-20GHz@Pass

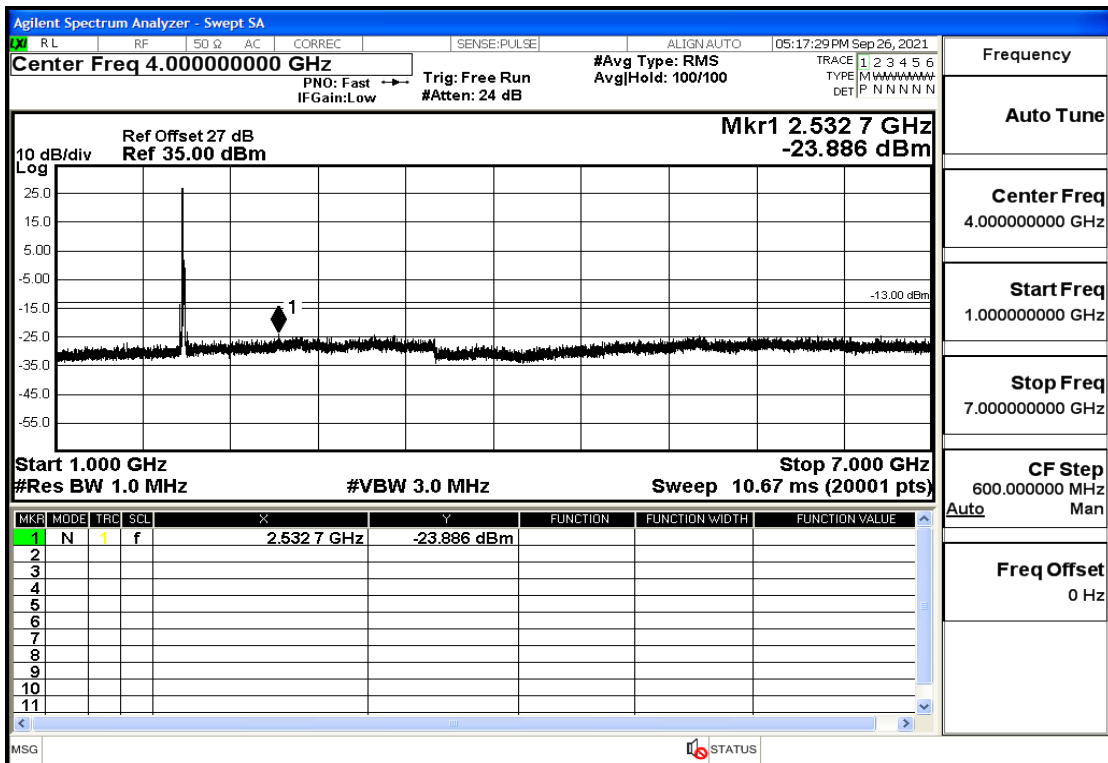




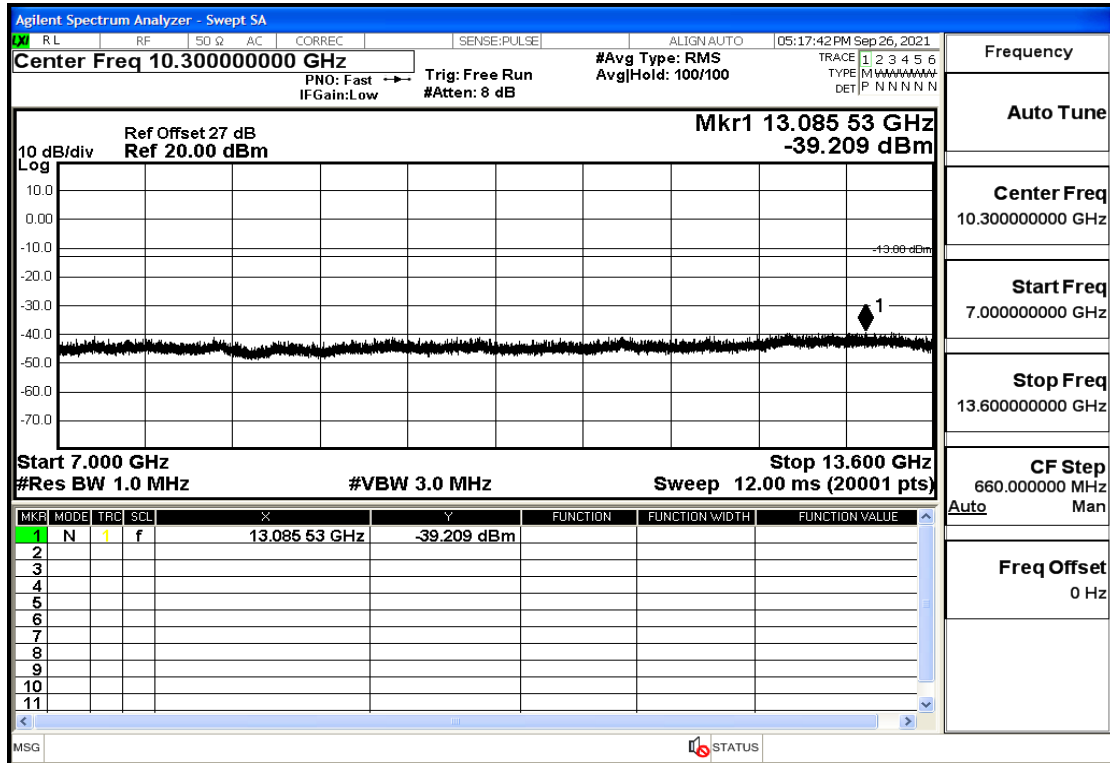
OB2-20-1880-QPSK-1#0@30mHz-1GHz@Pass



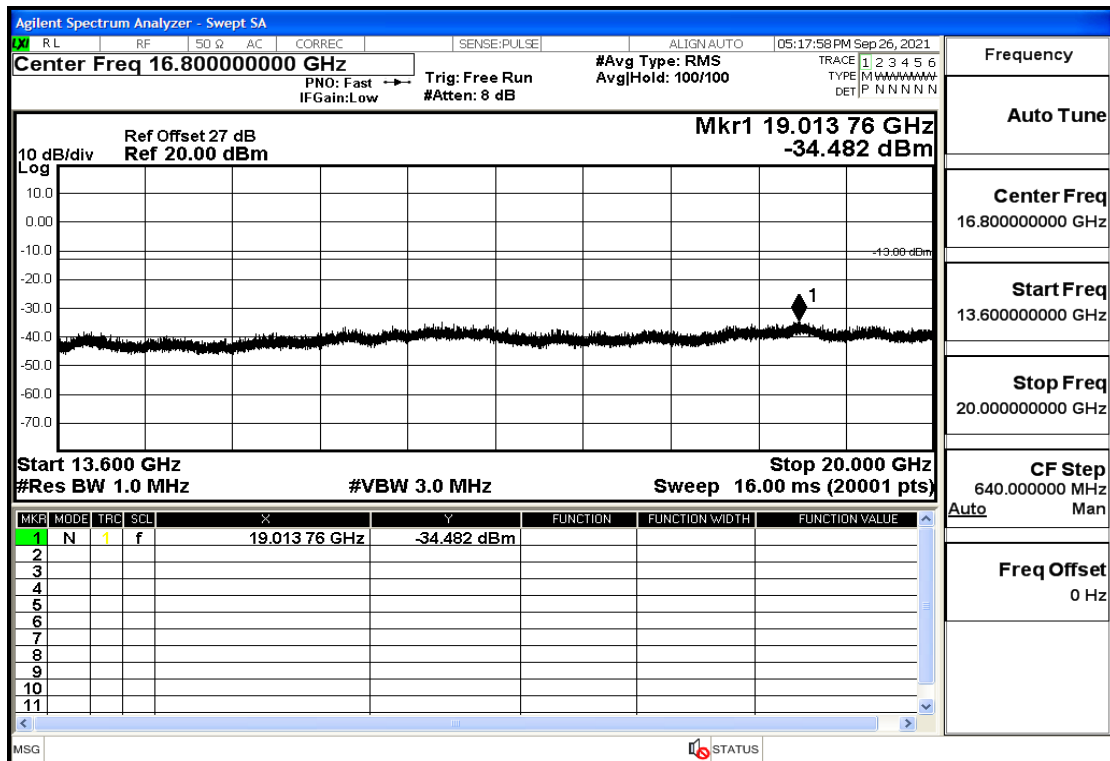
OB2-20-1880-QPSK-1#0@1GHz-7GHz@Pass



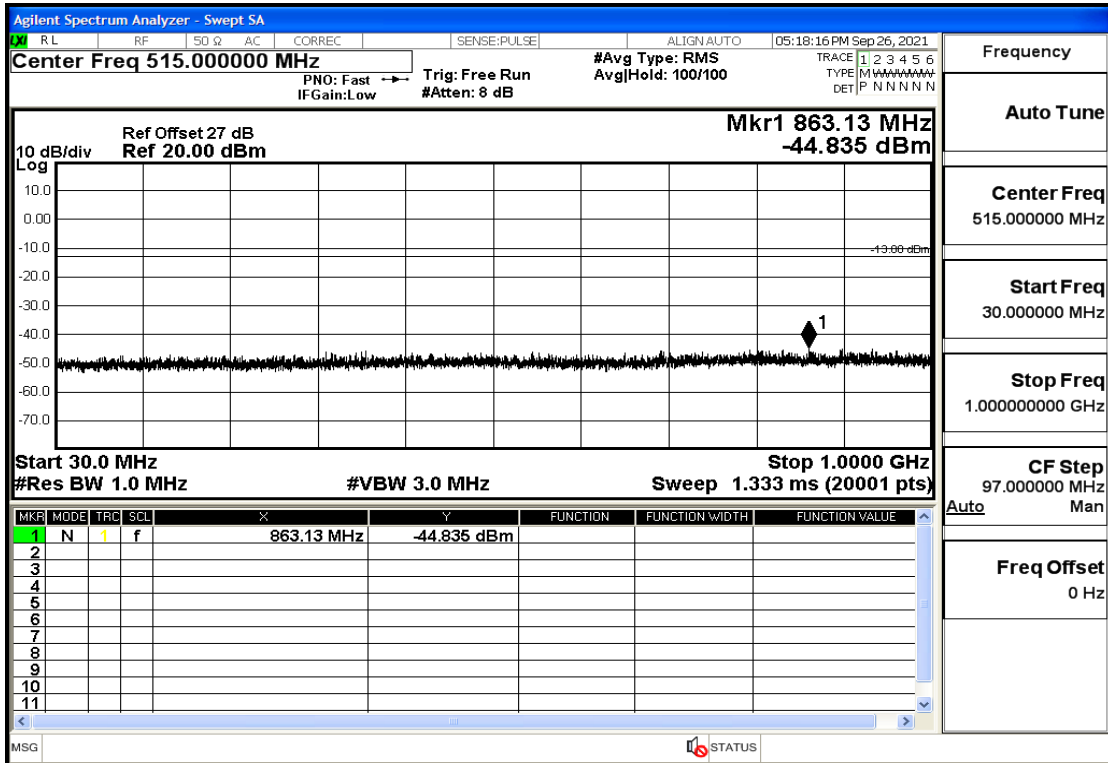
OB2-20-1880-QPSK-1#0@7GHz-13.6GHz@Pass



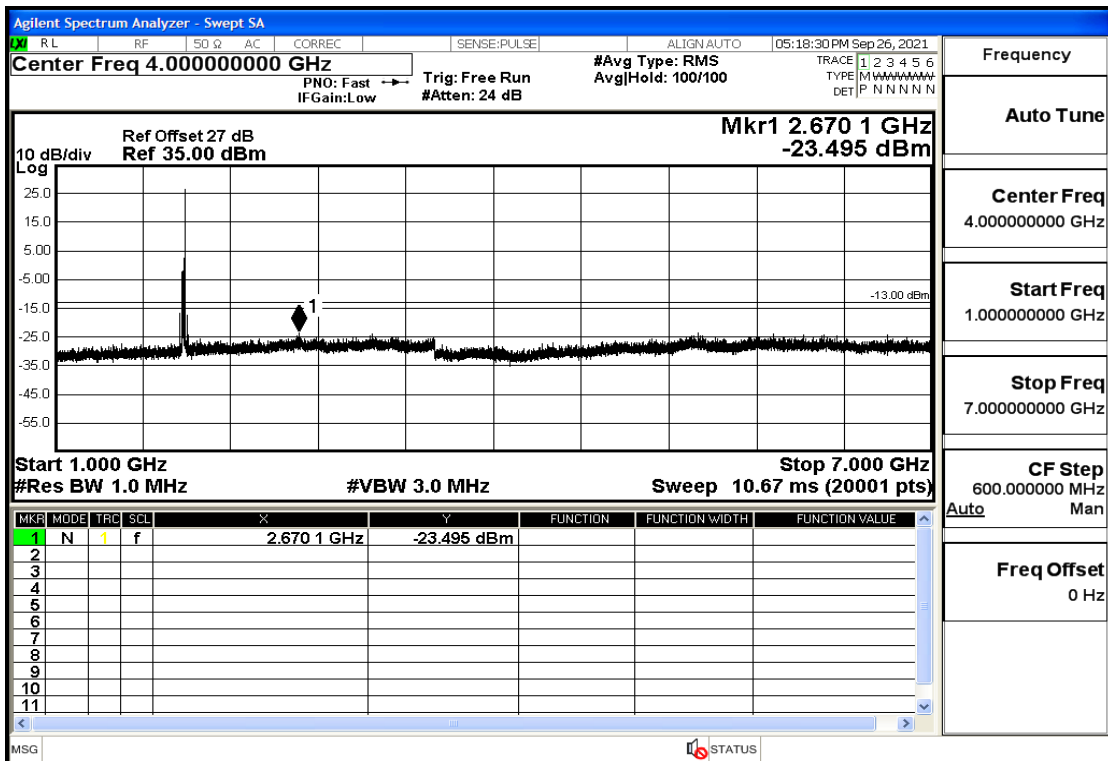
OB2-20-1880-QPSK-1#0@13.6GHz-20GHz@Pass



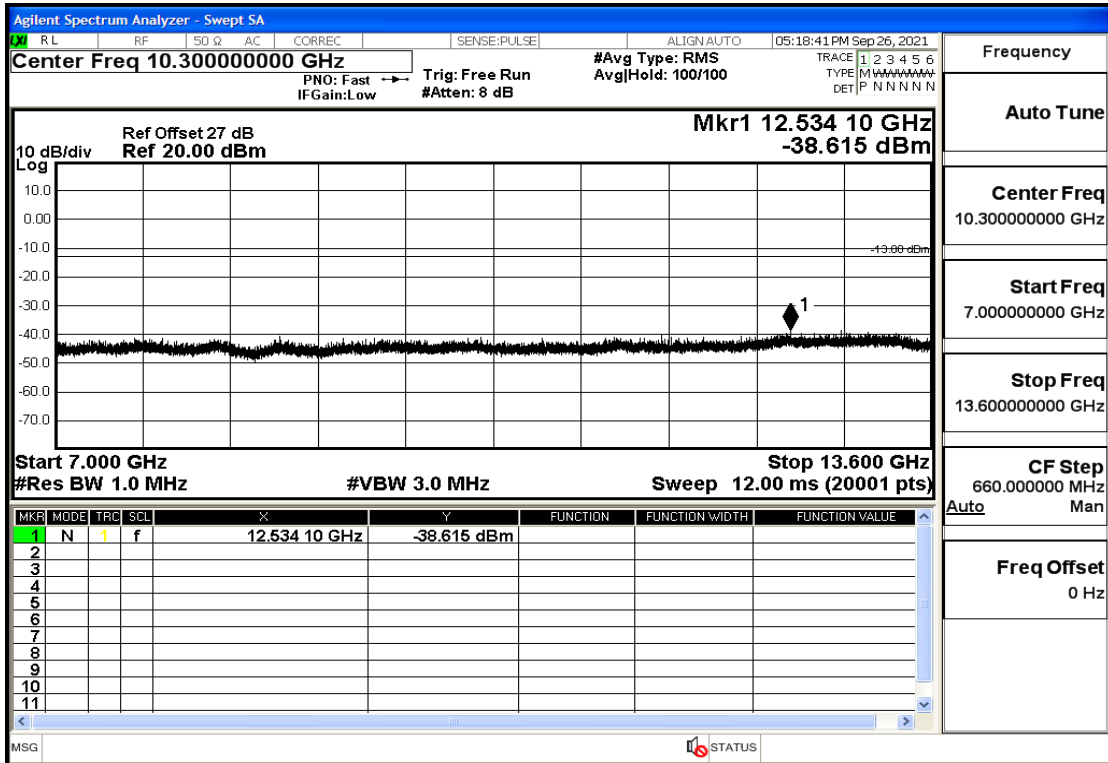
OB2-20-1880-QPSK-1#99@30mHz-1GHz@Pass



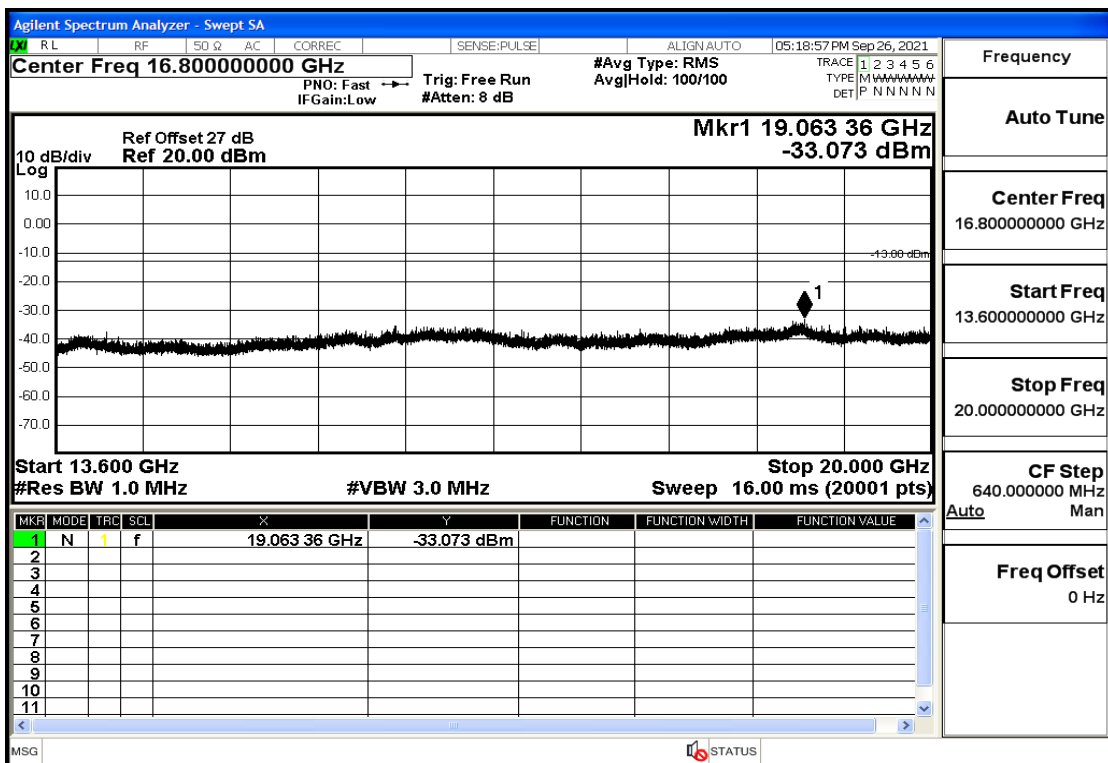
OB2-20-1880-QPSK-1#99@1GHz-7GHz@Pass



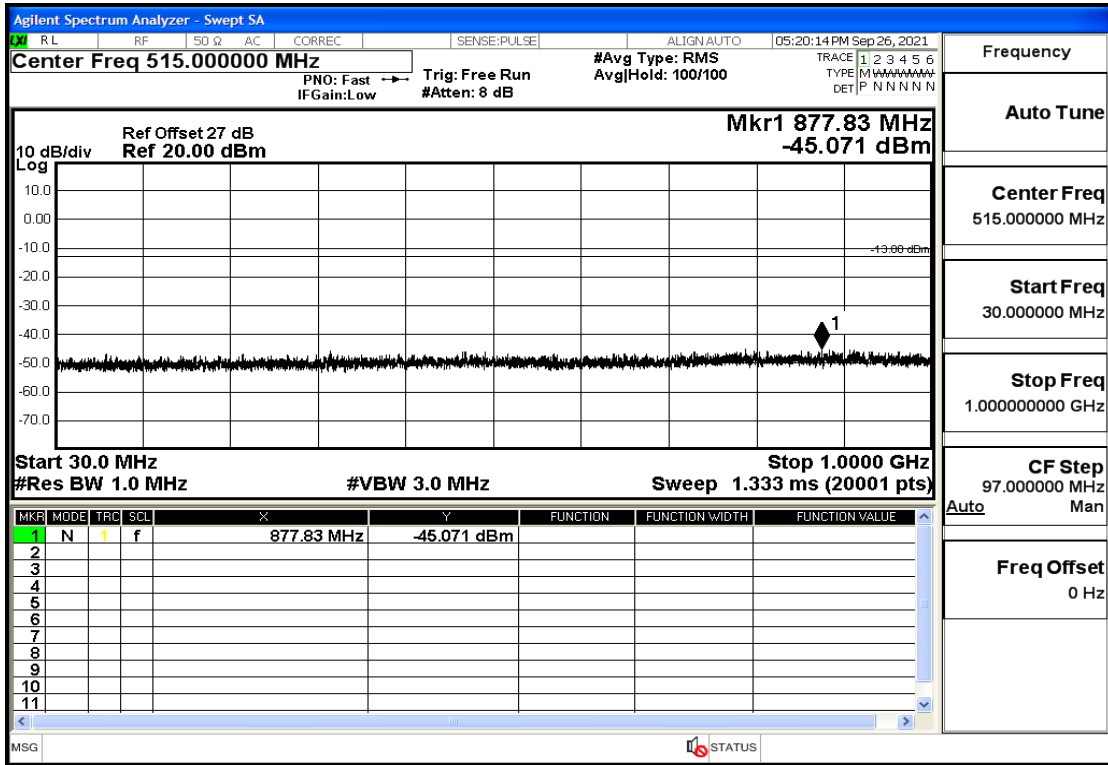
OB2-20-1880-QPSK-1#99@7GHz-13.6GHz@Pass



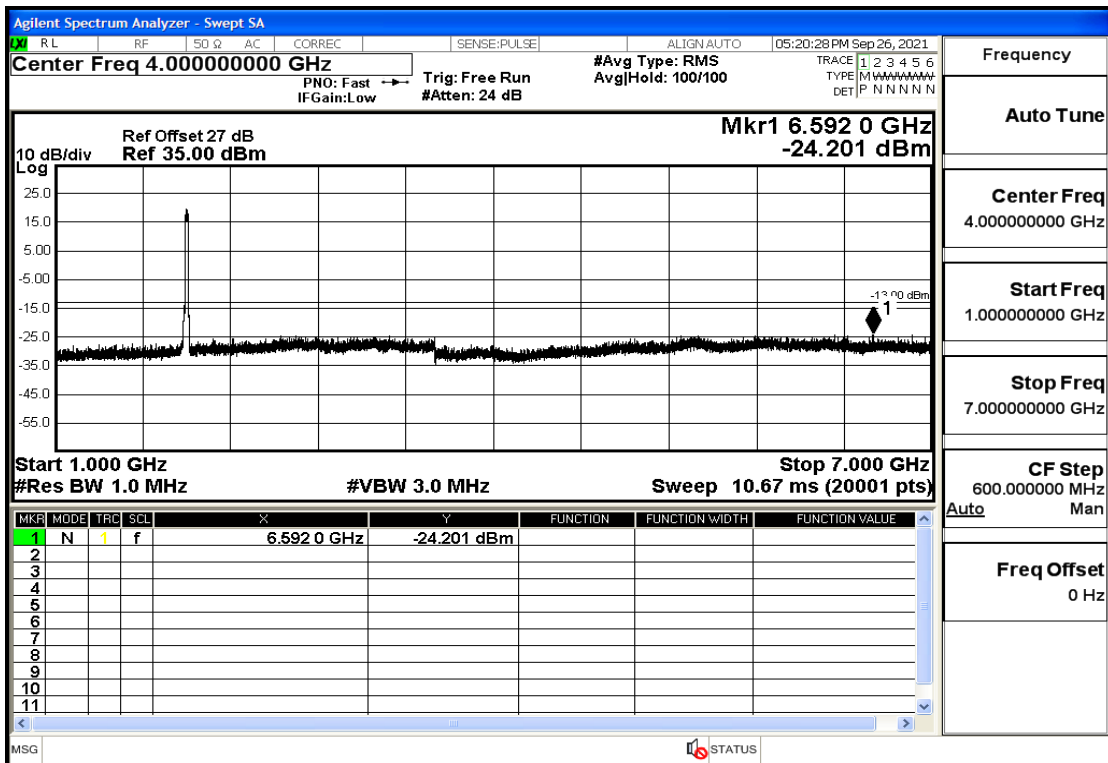
OB2-20-1880-QPSK-1#99@13.6GHz-20GHz@Pass



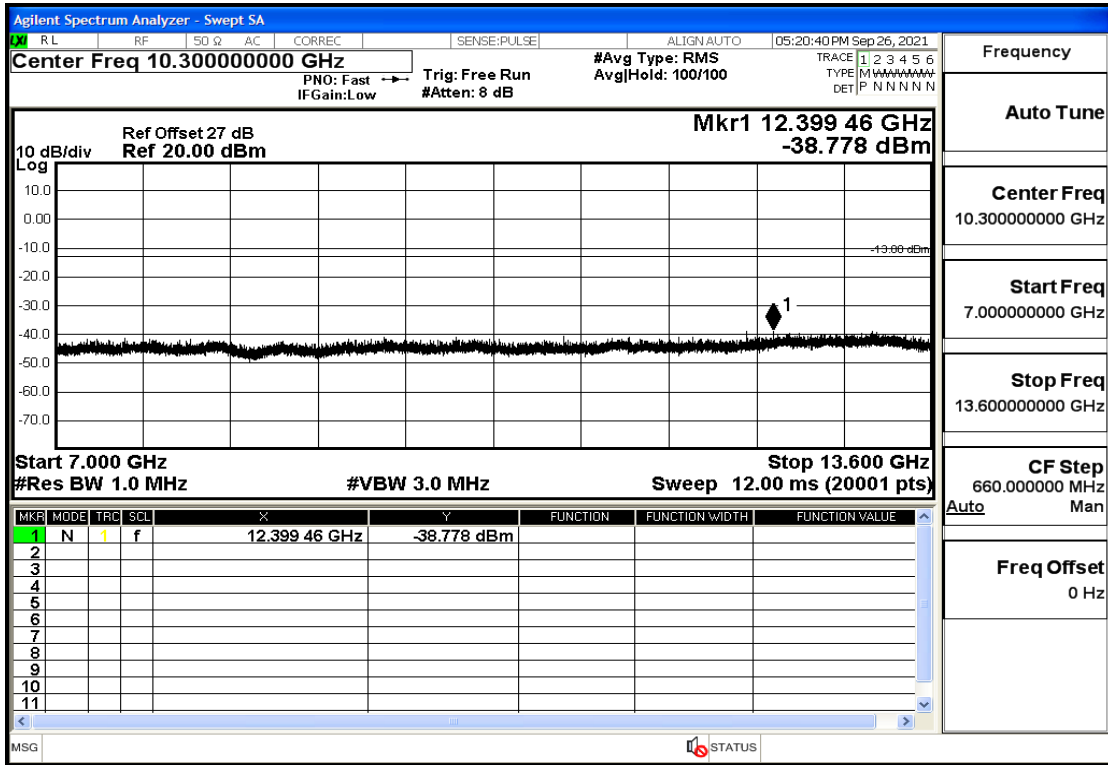
OB2-20-1900-QPSK-100#0@30mHz-1GHz@Pass



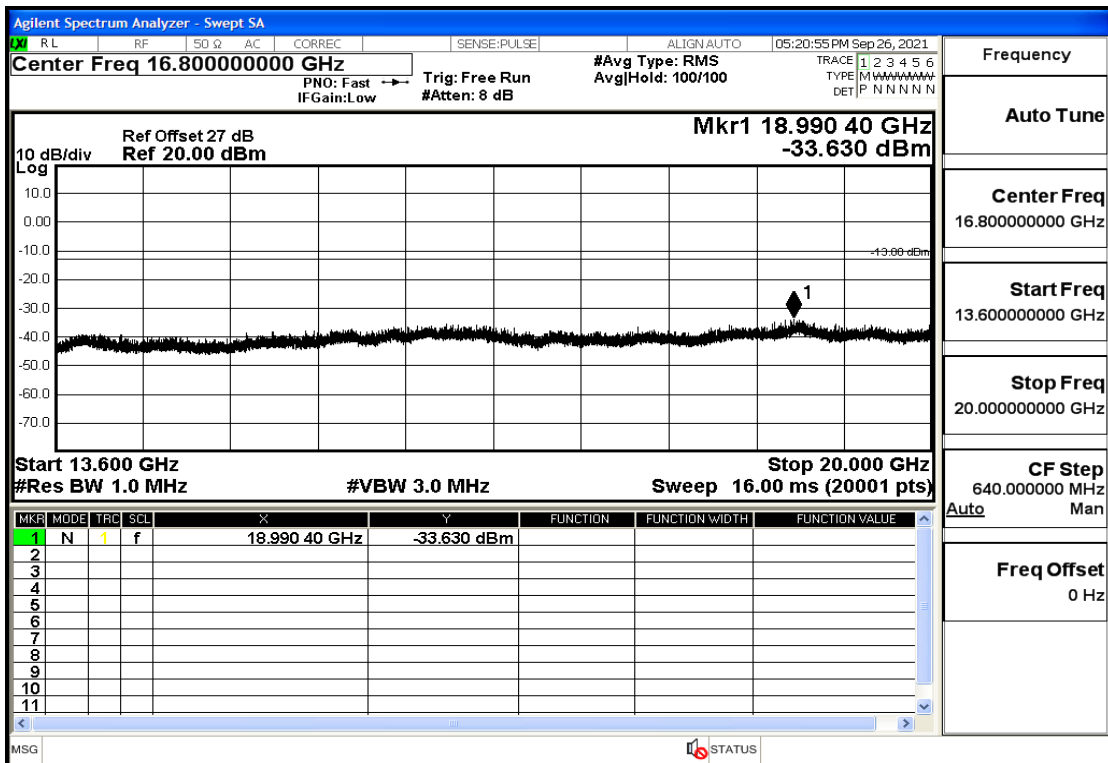
OB2-20-1900-QPSK-100#0@1GHz-7GHz@Pass



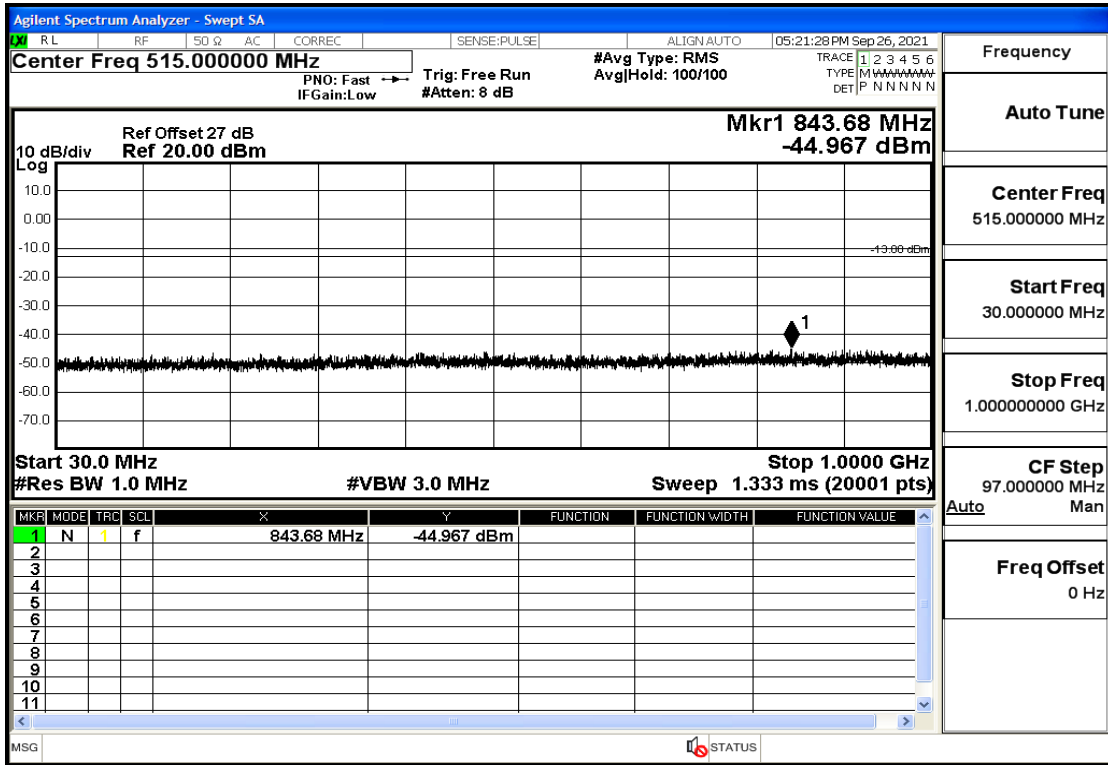
OB2-20-1900-QPSK-100#0@7GHz-13.6GHz@Pass



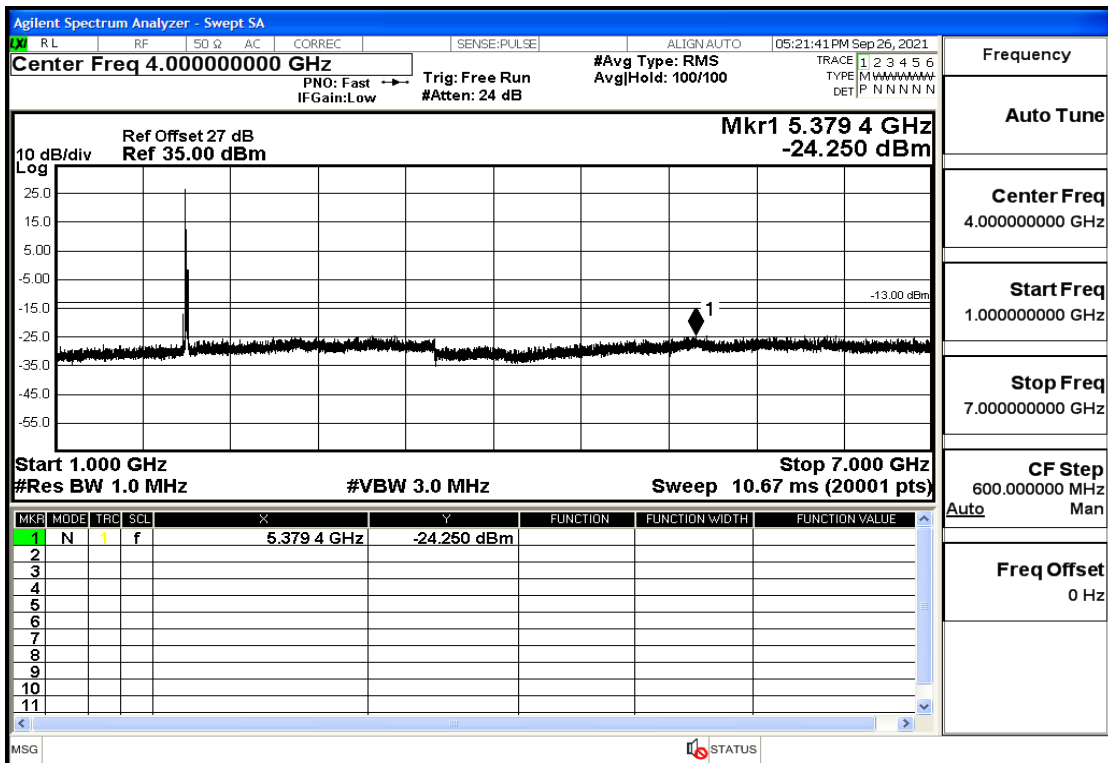
OB2-20-1900-QPSK-100#0@13.6GHz-20GHz@Pass



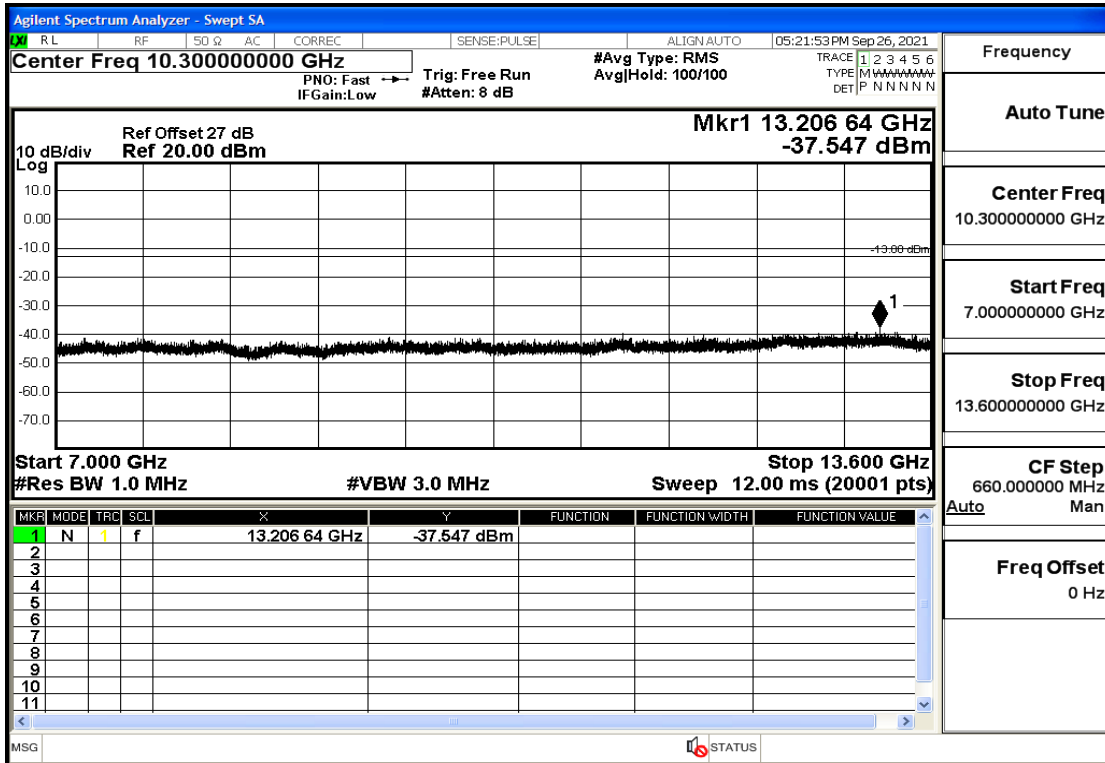
OB2-20-1900-QPSK-1#0@30mHz-1GHz@Pass



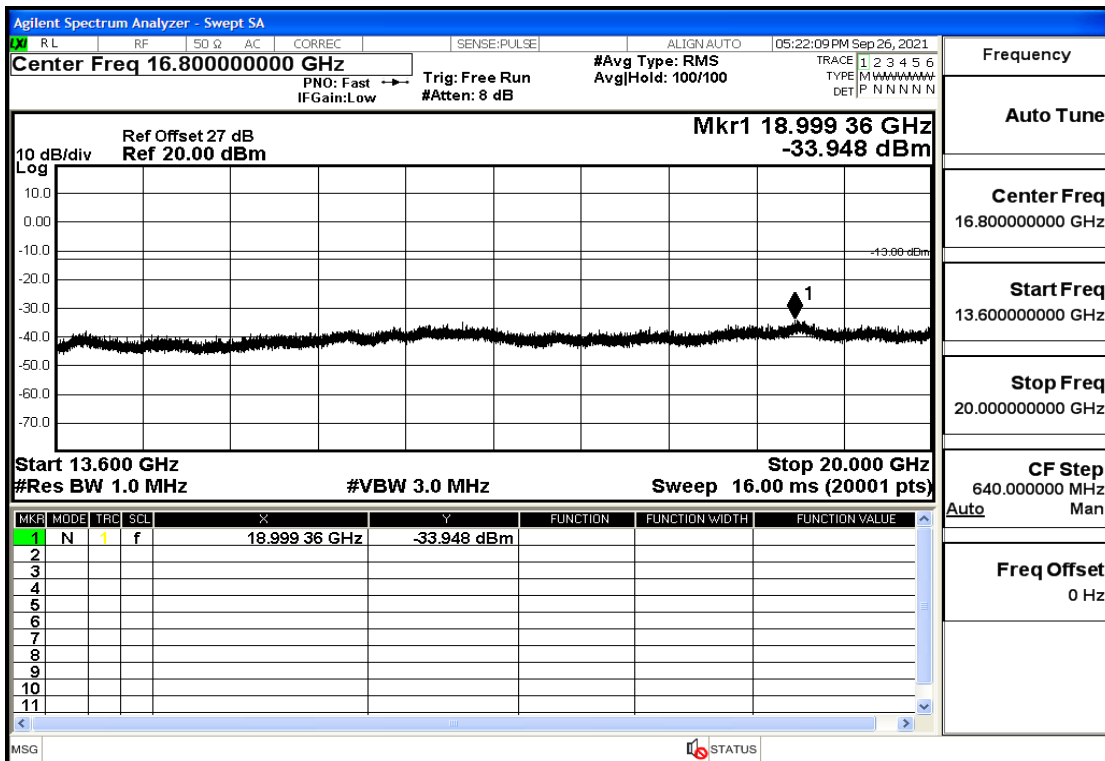
OB2-20-1900-QPSK-1#0@1GHz-7GHz@Pass



OB2-20-1900-QPSK-1#0@7GHz-13.6GHz@Pass

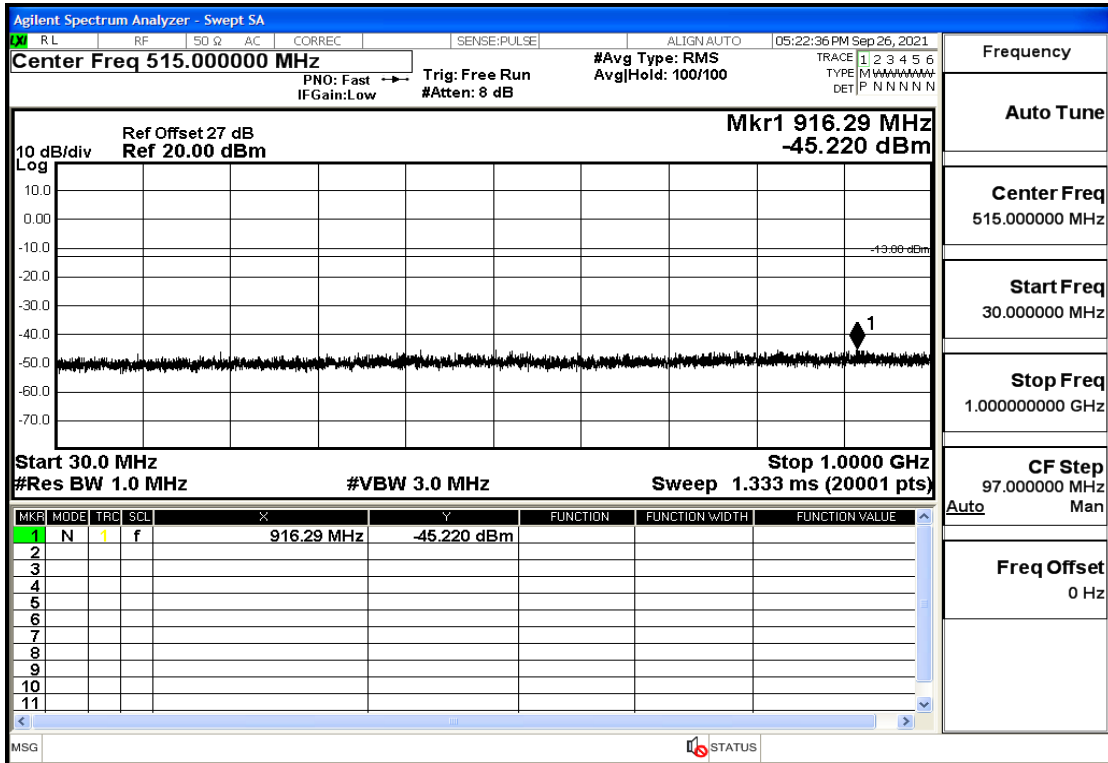


OB2-20-1900-QPSK-1#0@13.6GHz-20GHz@Pass

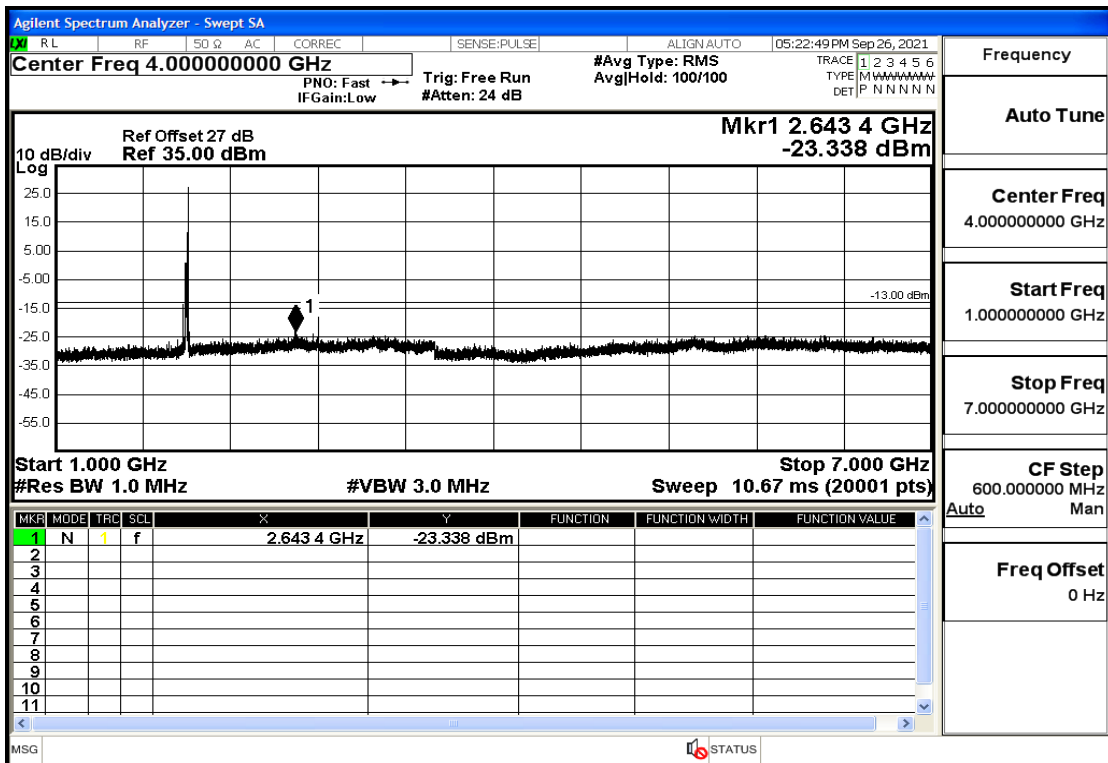




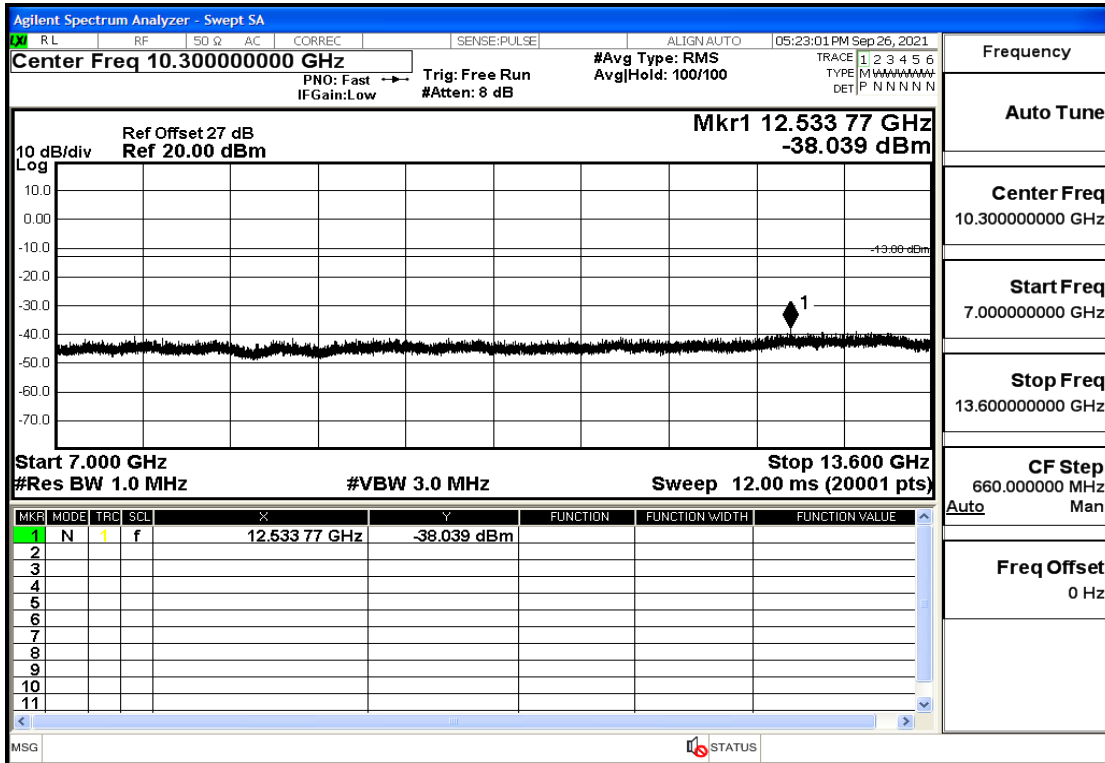
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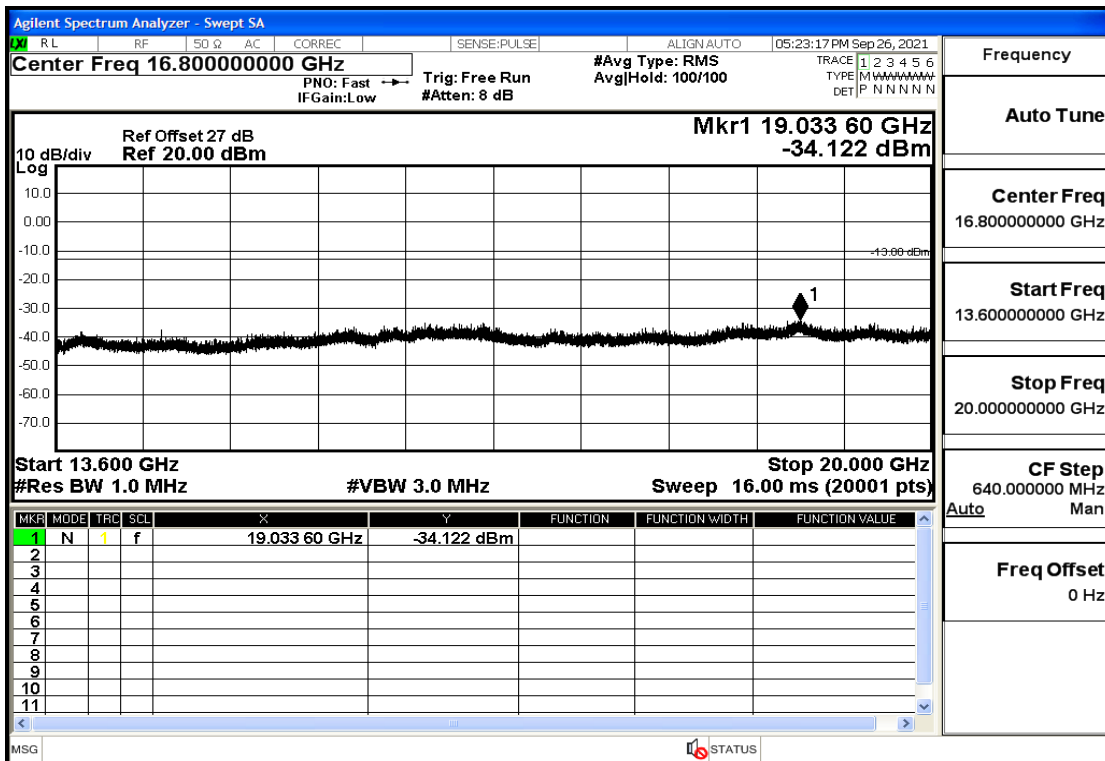
OB2-20-1900-QPSK-1#99@1GHz-7GHz@Pass



OB2-20-1900-QPSK-1#99@7GHz-13.6GHz@Pass



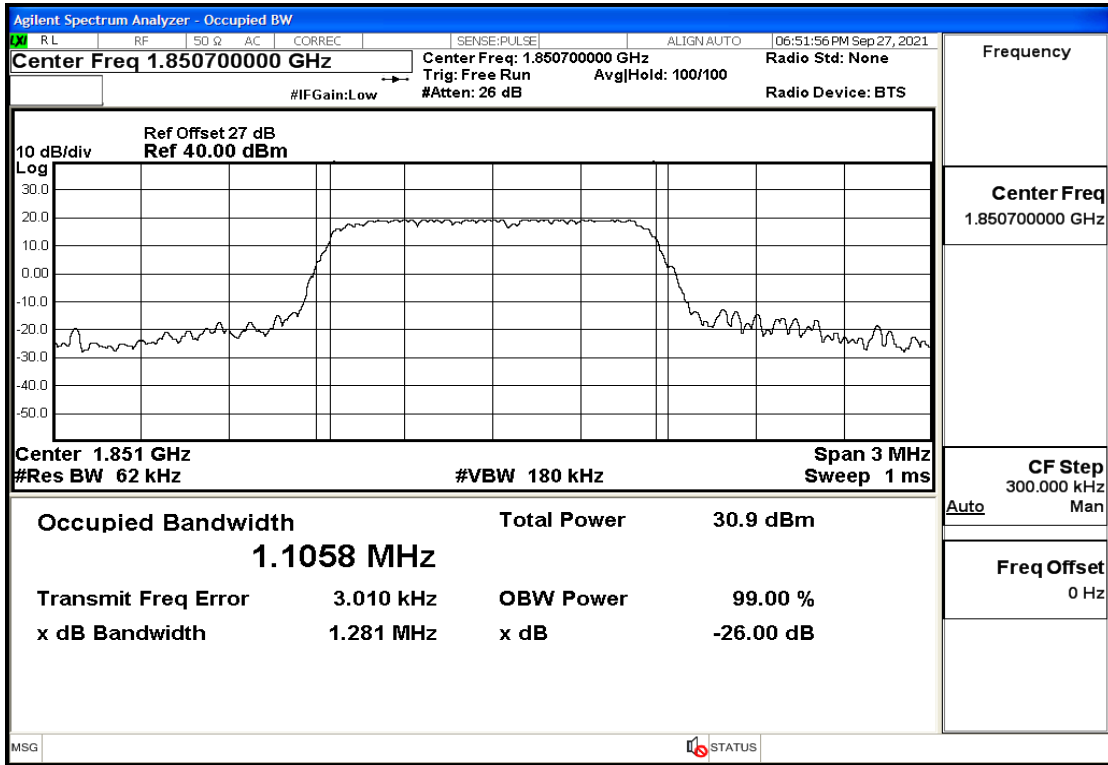
OB2-20-1900-QPSK-1#99@13.6GHz-20GHz@Pass



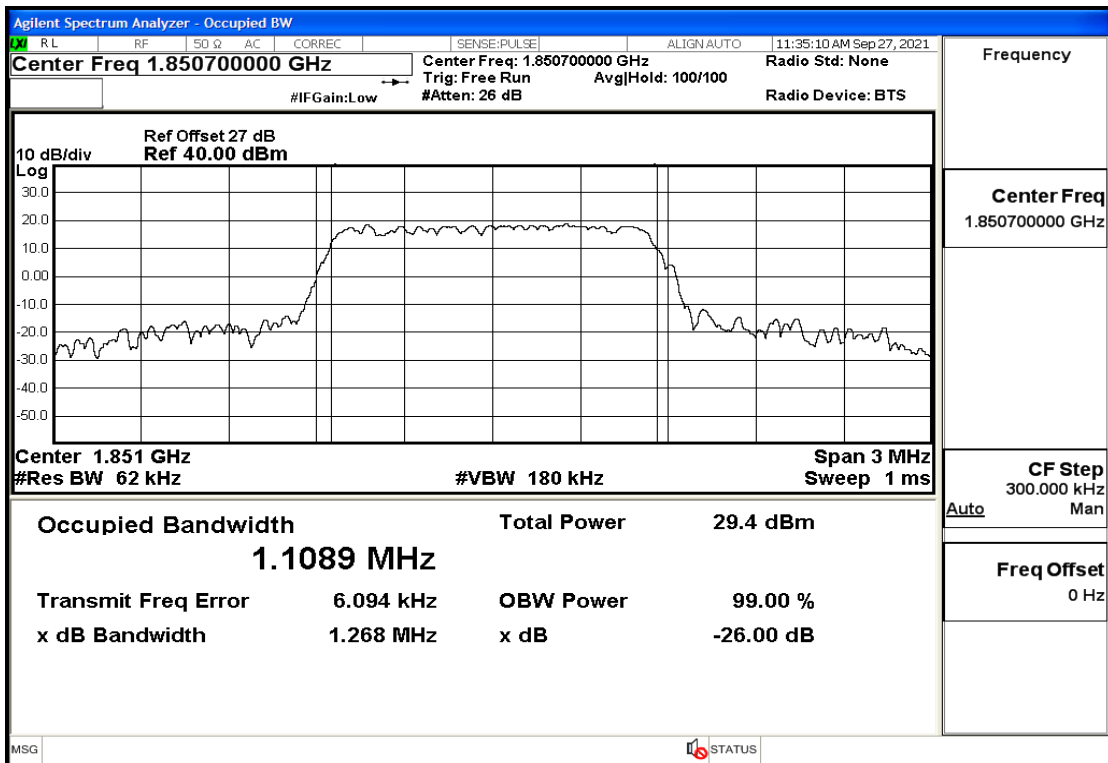
### Emission bandwidth and OBW

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	1105.8	1281	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1108.9	1268	No limit
Band2	1.4	1880	QPSK	6	LOW	1112.3	1287	No limit
Band2	1.4	1880	16QAM	6	LOW	1119.8	1292	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1117.1	1300	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1108.4	1296	No limit
Band2	3	1851.5	QPSK	15	LOW	2757.2	3096	No limit
Band2	3	1851.5	16QAM	15	LOW	2761.8	3104	No limit
Band2	3	1880	QPSK	15	LOW	2771.9	3110	No limit
Band2	3	1880	16QAM	15	LOW	2758.1	3092	No limit
Band2	3	1908.5	QPSK	15	LOW	2749.3	3099	No limit
Band2	3	1908.5	16QAM	15	LOW	2751.4	3086	No limit
Band2	5	1852.5	QPSK	25	LOW	4566.8	5096	No limit
Band2	5	1852.5	16QAM	25	LOW	4564	5030	No limit
Band2	5	1880	QPSK	25	LOW	4582.3	5100	No limit
Band2	5	1880	16QAM	25	LOW	4554.3	5098	No limit
Band2	5	1907.5	QPSK	25	LOW	4589.7	5045	No limit
Band2	5	1907.5	16QAM	25	LOW	4574.8	5101	No limit
Band2	10	1855	QPSK	50	LOW	9127.2	10080	No limit
Band2	10	1855	16QAM	12	LOW	4529.6	6753	No limit
Band2	10	1880	QPSK	50	LOW	9042.8	9951	No limit
Band2	10	1880	16QAM	12	LOW	4391.9	7490	No limit
Band2	10	1905	QPSK	50	LOW	9104.7	9999	No limit
Band2	10	1905	16QAM	12	LOW	3811	6774	No limit
Band2	15	1857.5	QPSK	75	LOW	13704	15240	No limit
Band2	15	1857.5	16QAM	16	LOW	6002	10440	No limit
Band2	15	1880	QPSK	75	LOW	13648	15080	No limit
Band2	15	1880	16QAM	16	LOW	5220.6	9605	No limit
Band2	15	1902.5	QPSK	75	LOW	13651	15150	No limit
Band2	15	1902.5	16QAM	16	LOW	5809	9704	No limit
Band2	20	1860	QPSK	100	LOW	18244	20180	No limit
Band2	20	1860	16QAM	18	LOW	8021.7	15080	No limit
Band2	20	1880	QPSK	100	LOW	18254	20110	No limit
Band2	20	1880	16QAM	18	LOW	8232.6	13810	No limit
Band2	20	1900	QPSK	100	LOW	18226	19990	No limit
Band2	20	1900	16QAM	18	LOW	8392.7	15050	No limit

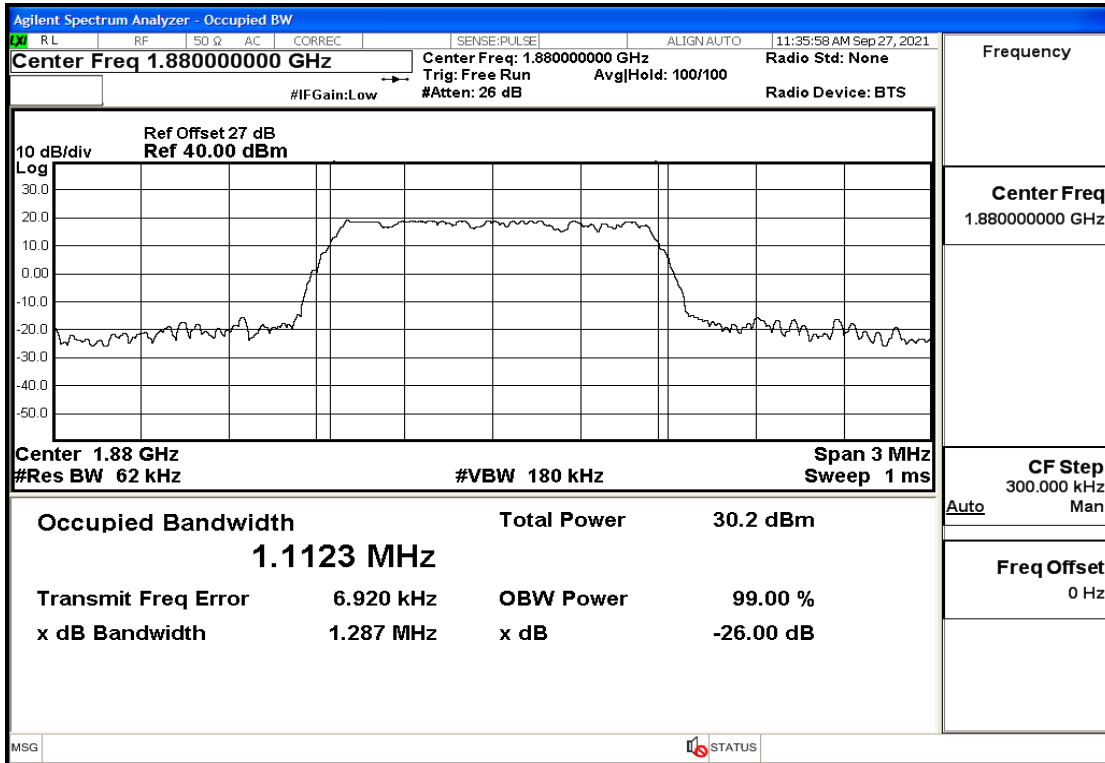
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



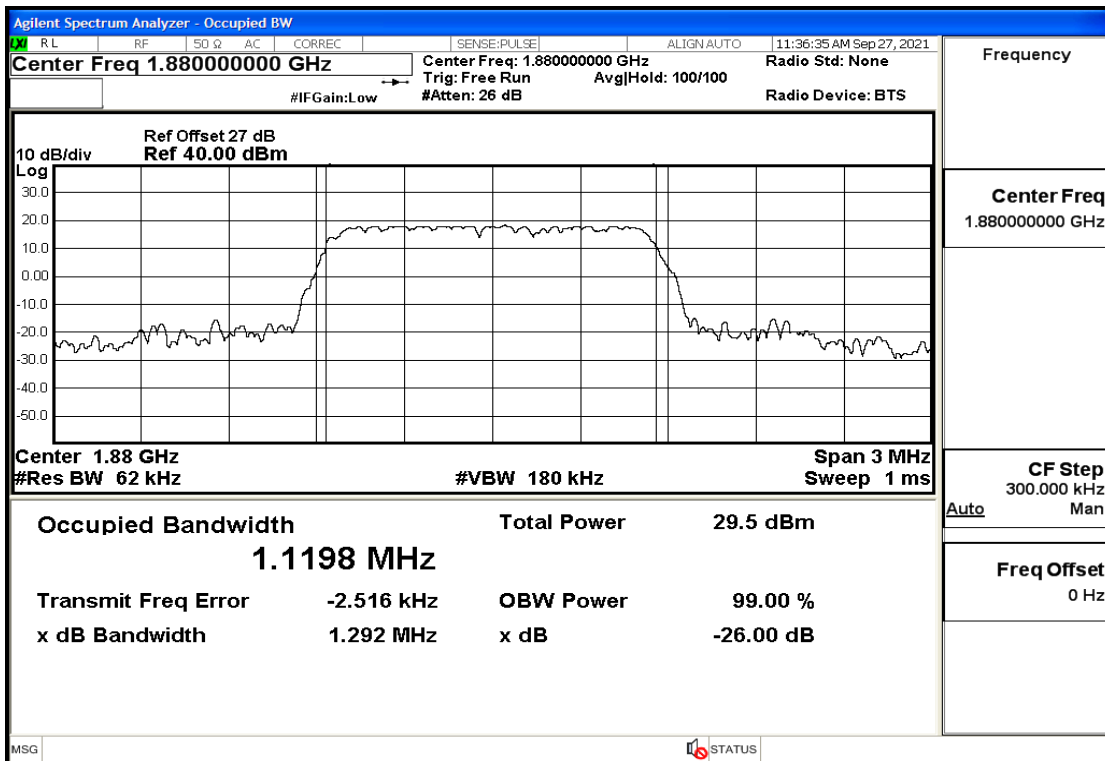
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



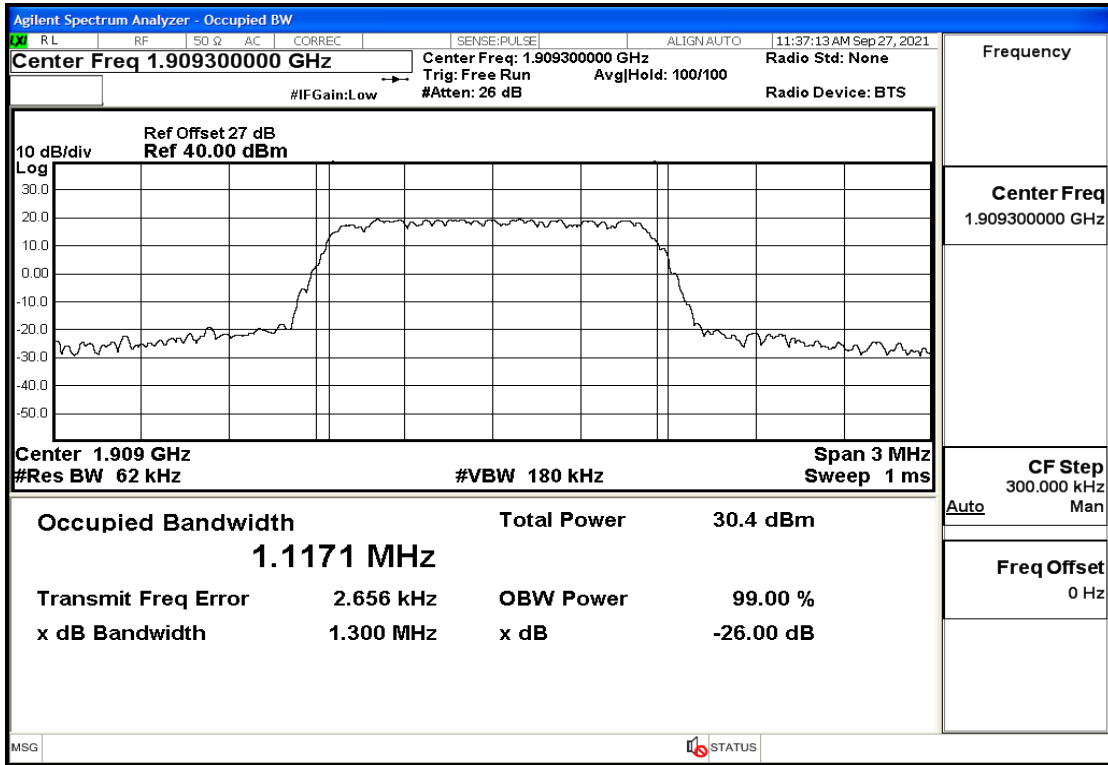
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



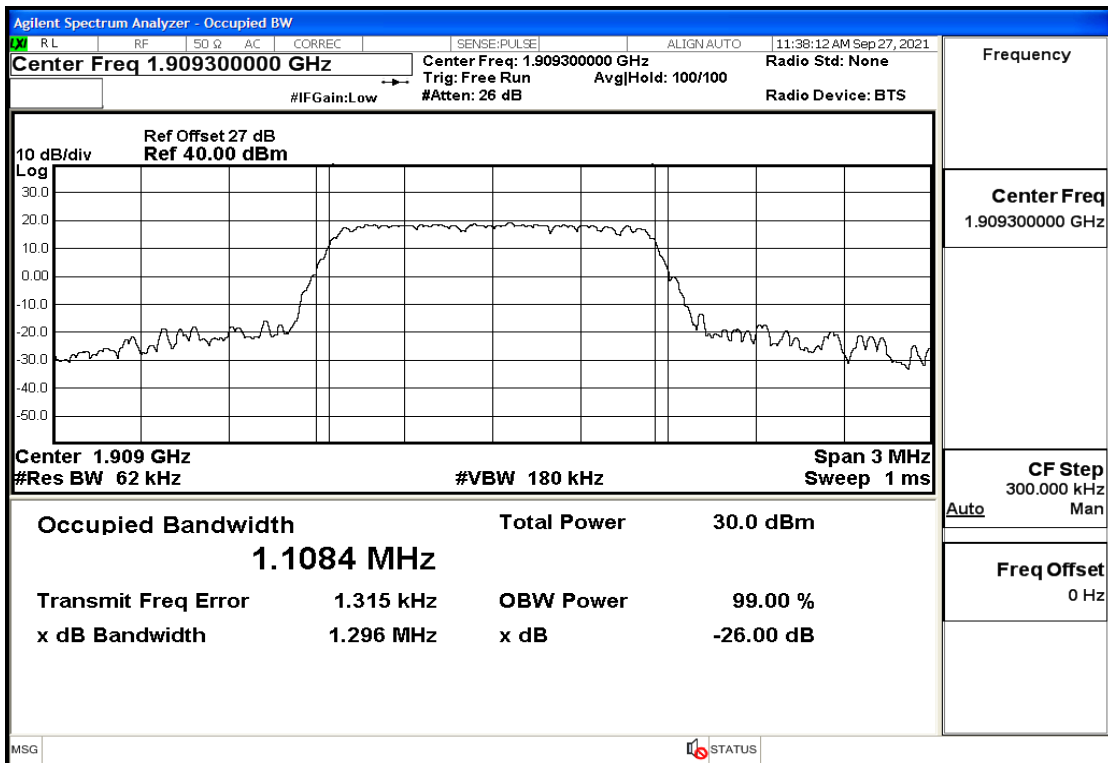
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



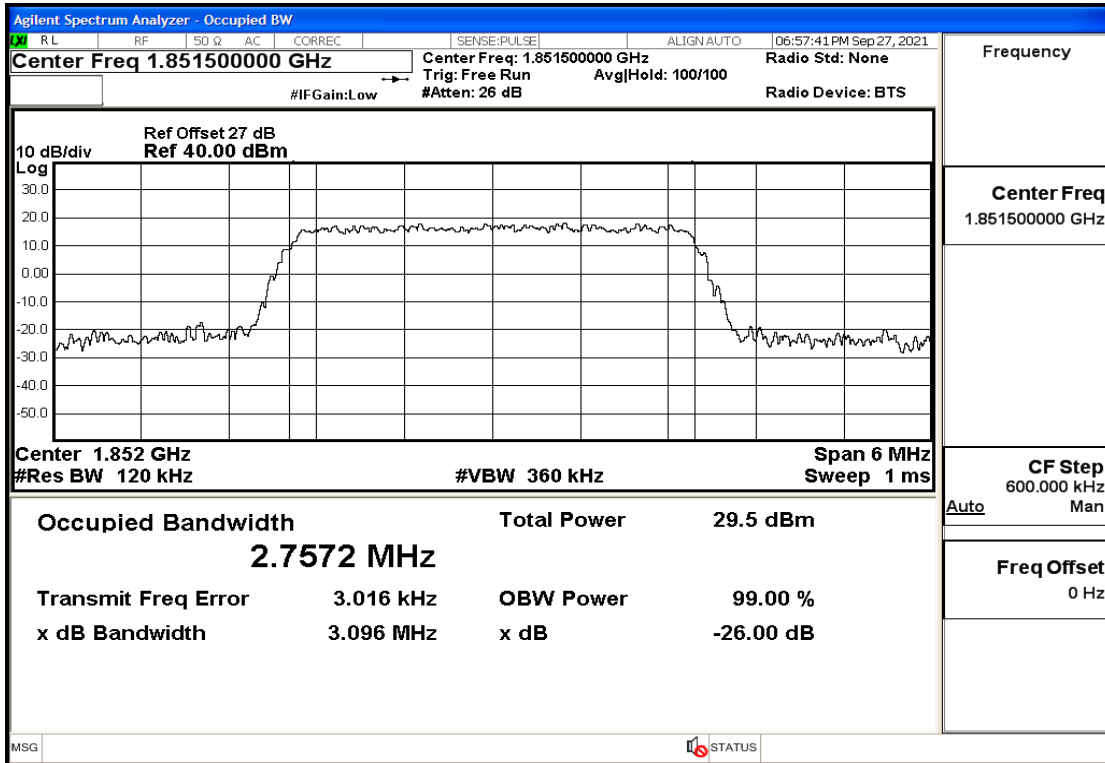
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



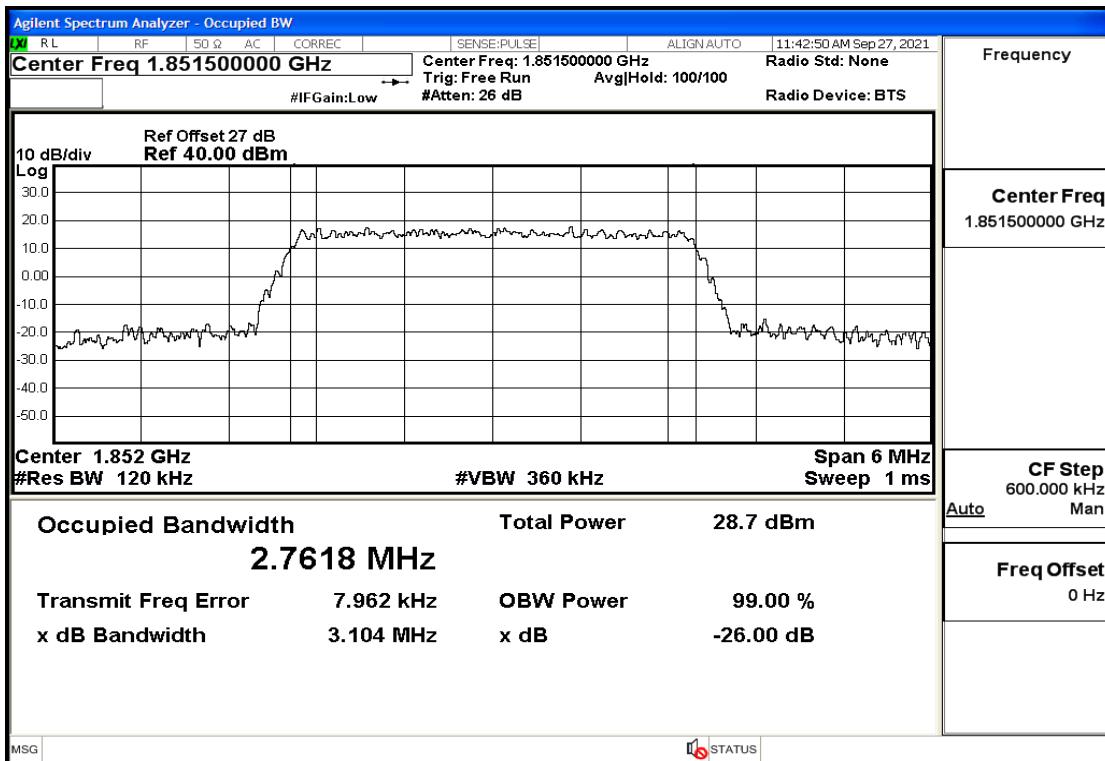
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



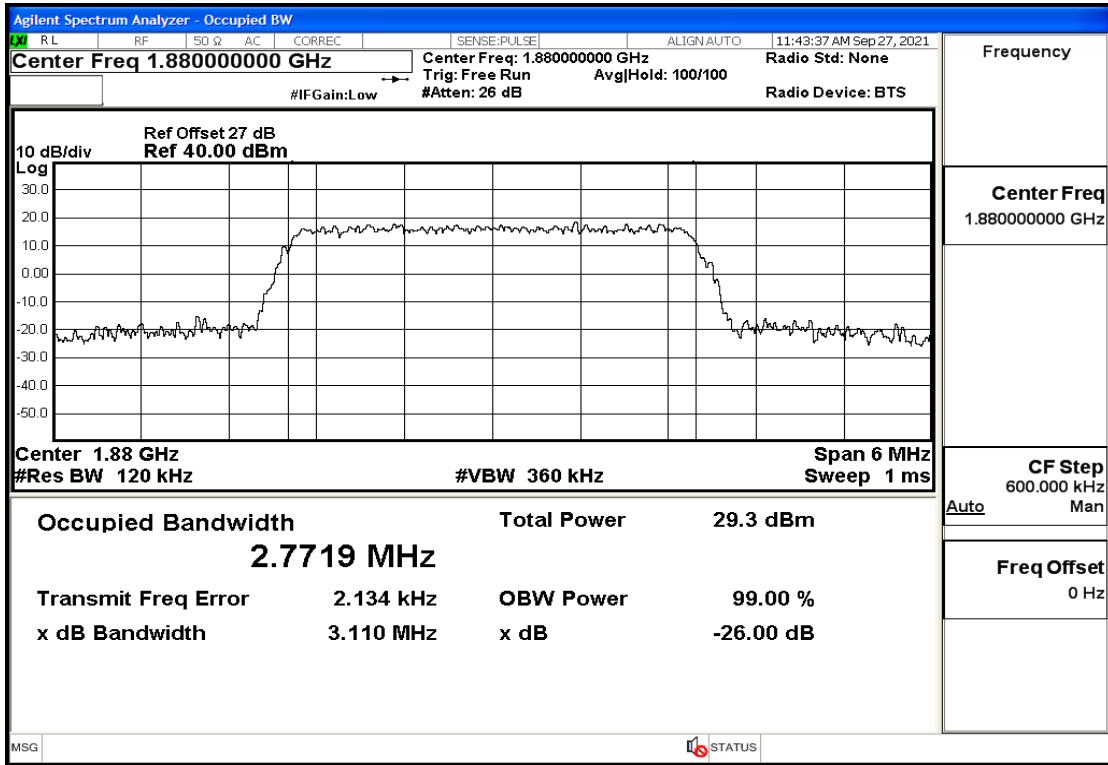
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



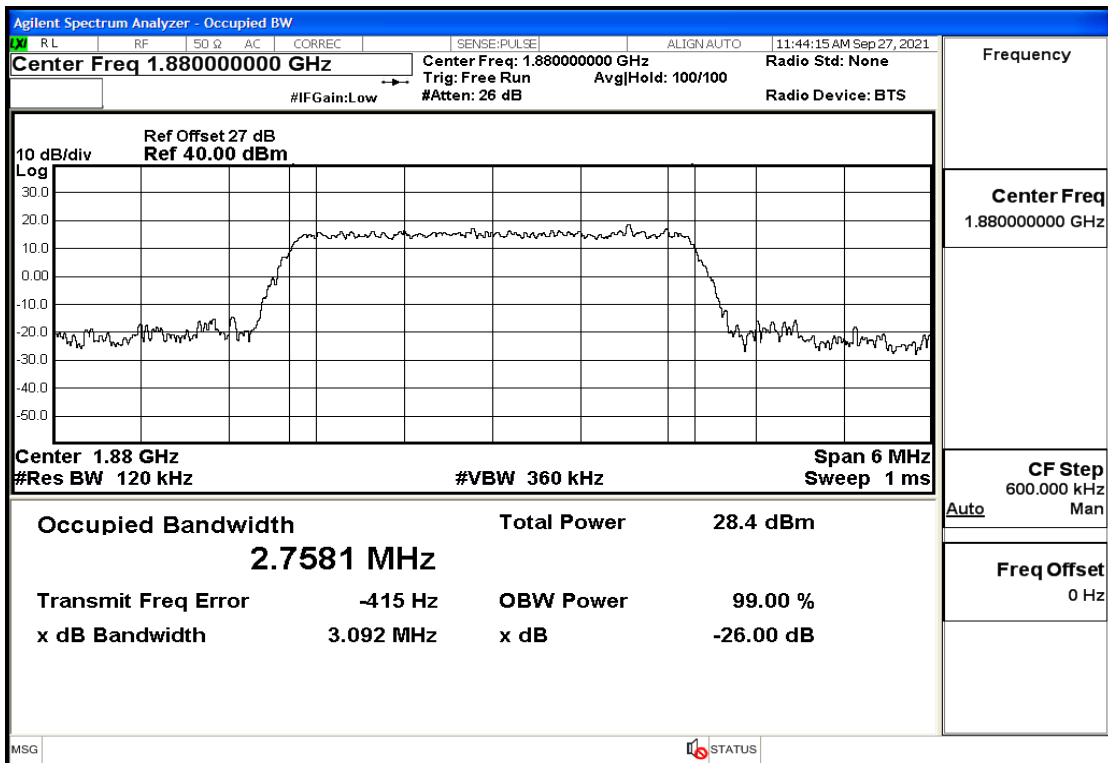
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



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

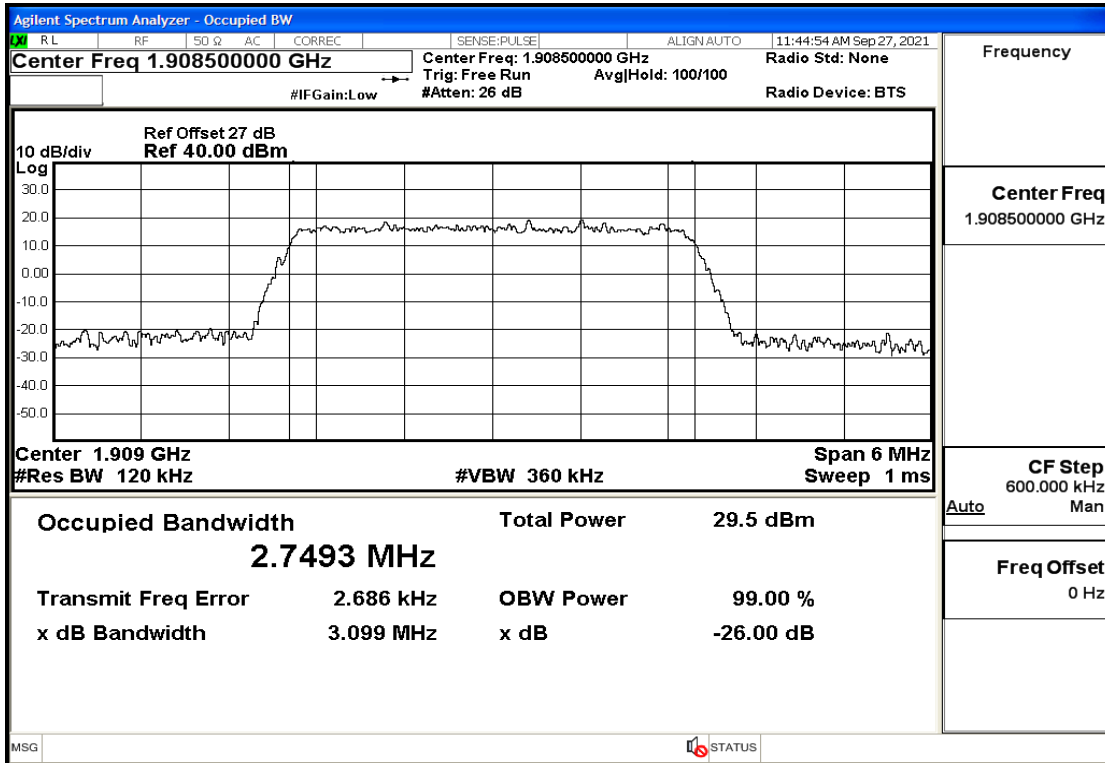


Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth

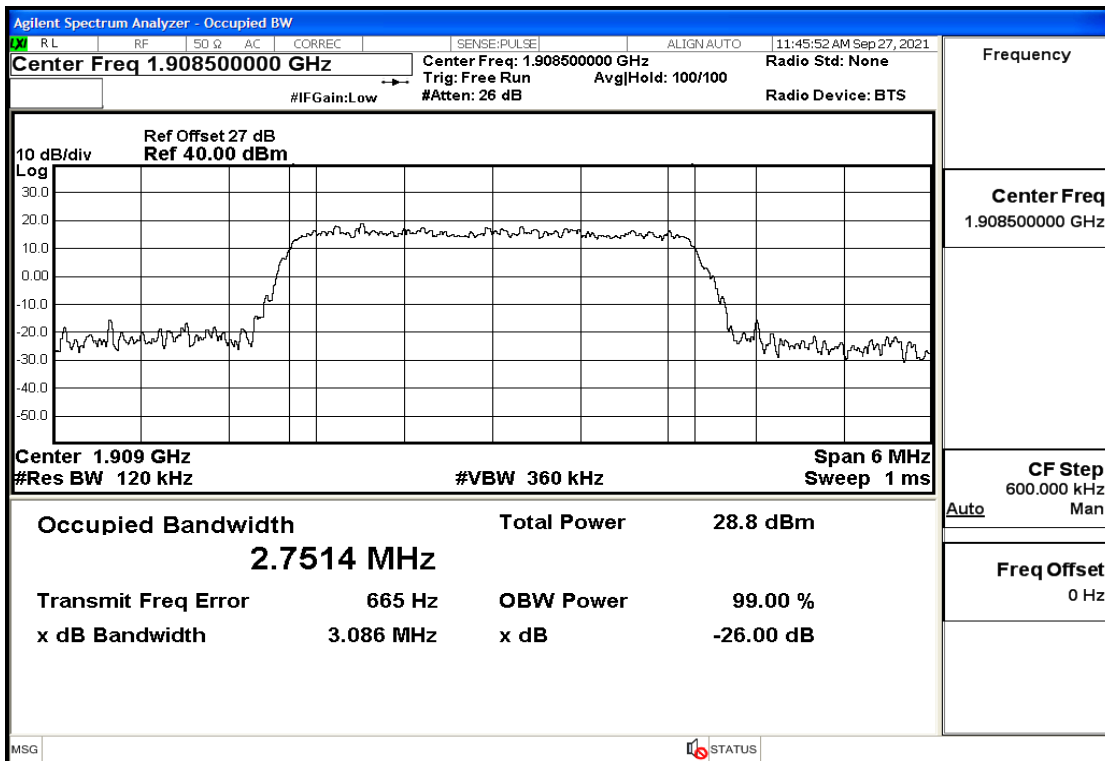




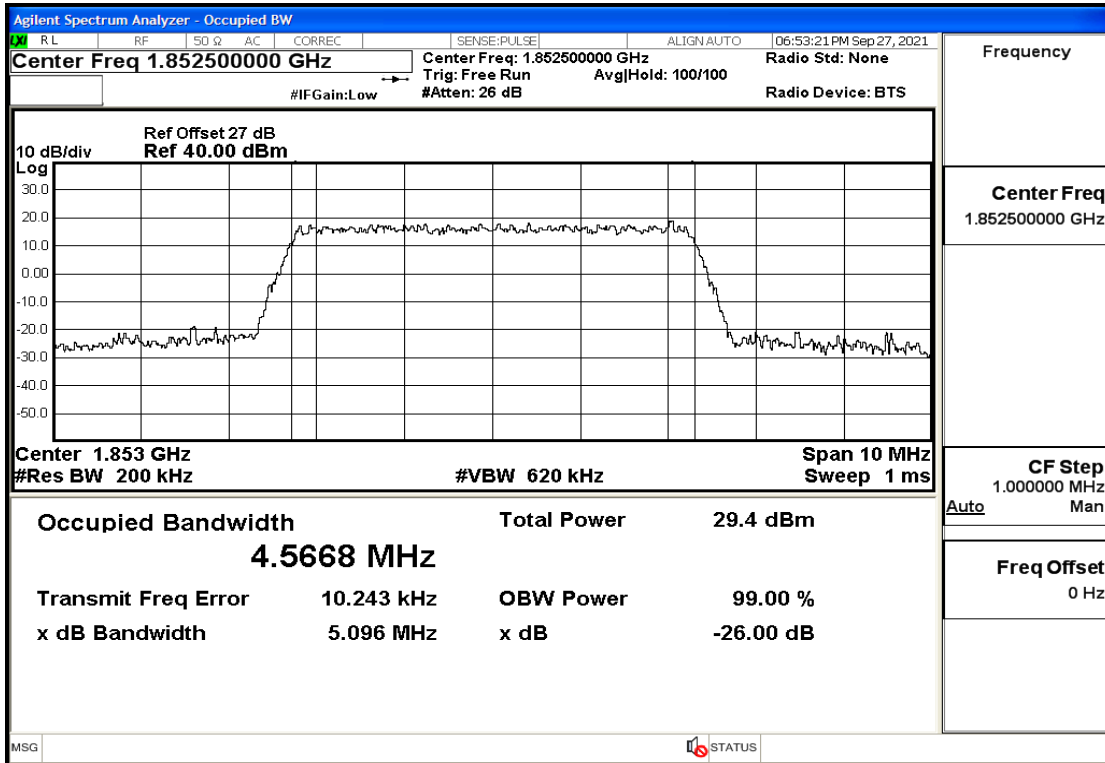
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



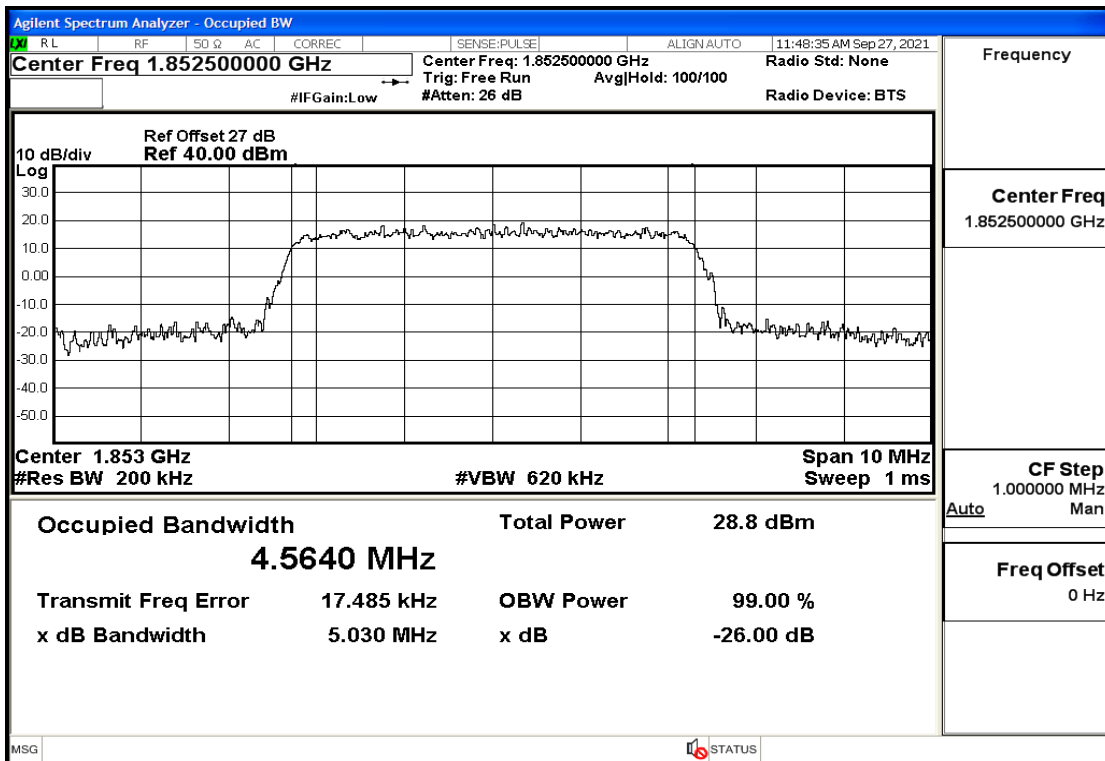
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



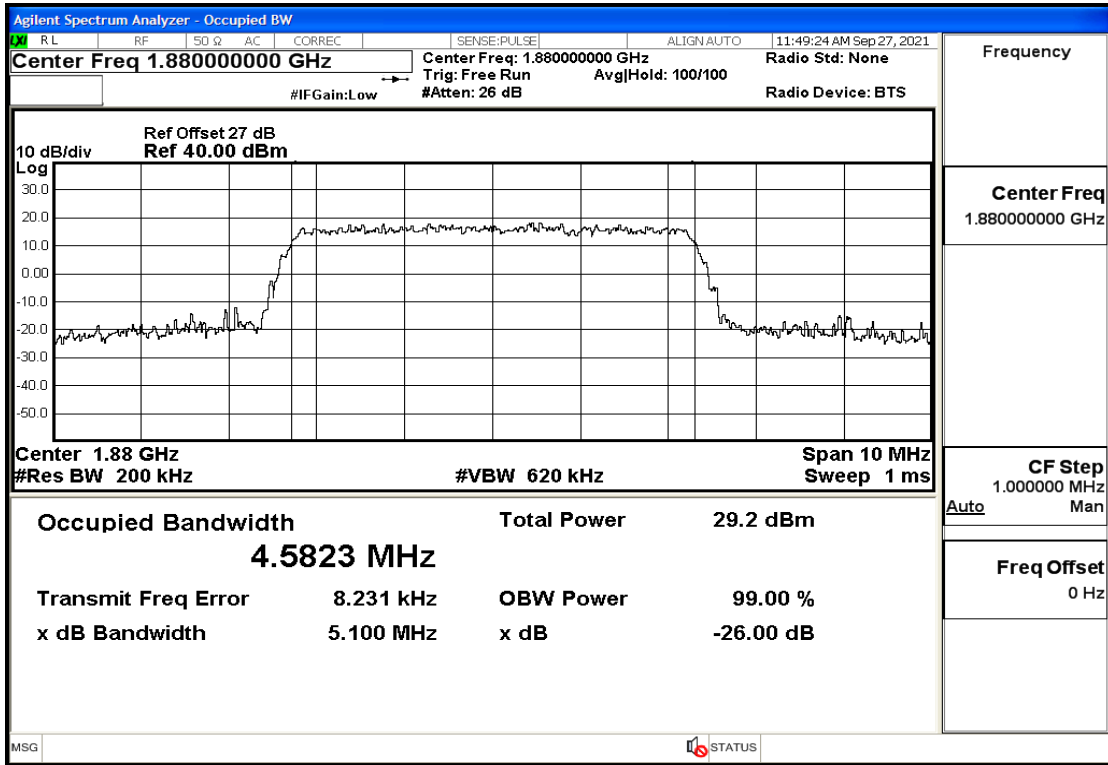
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



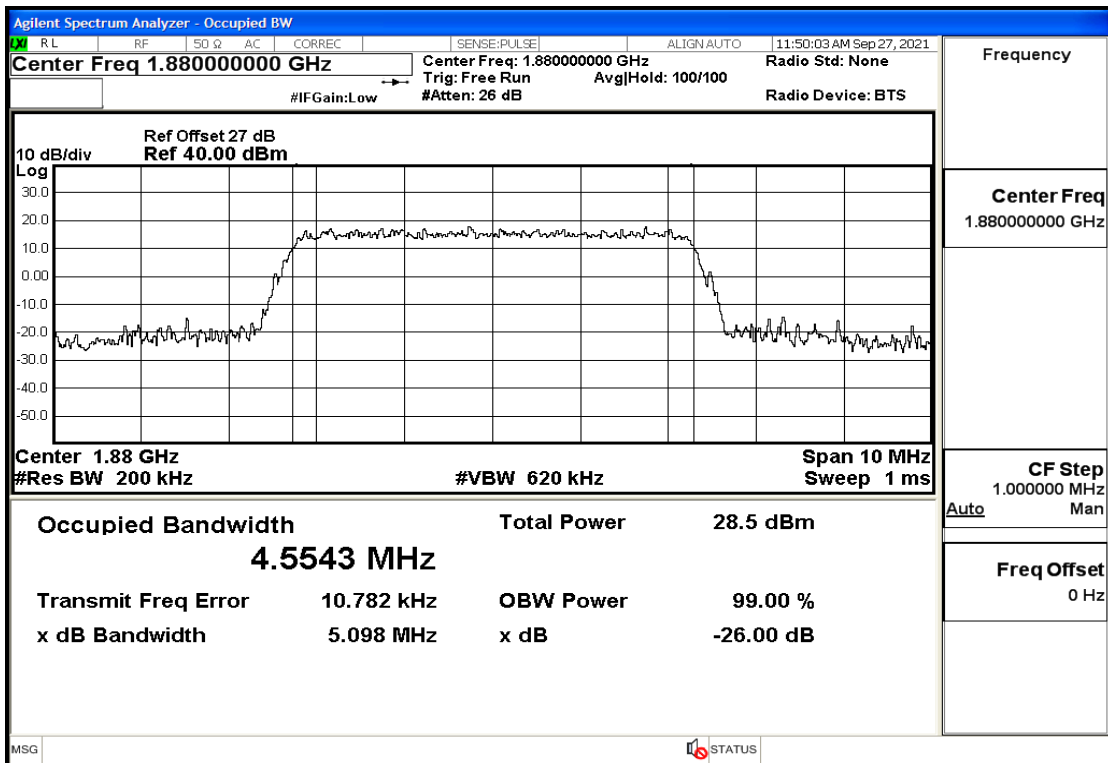
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



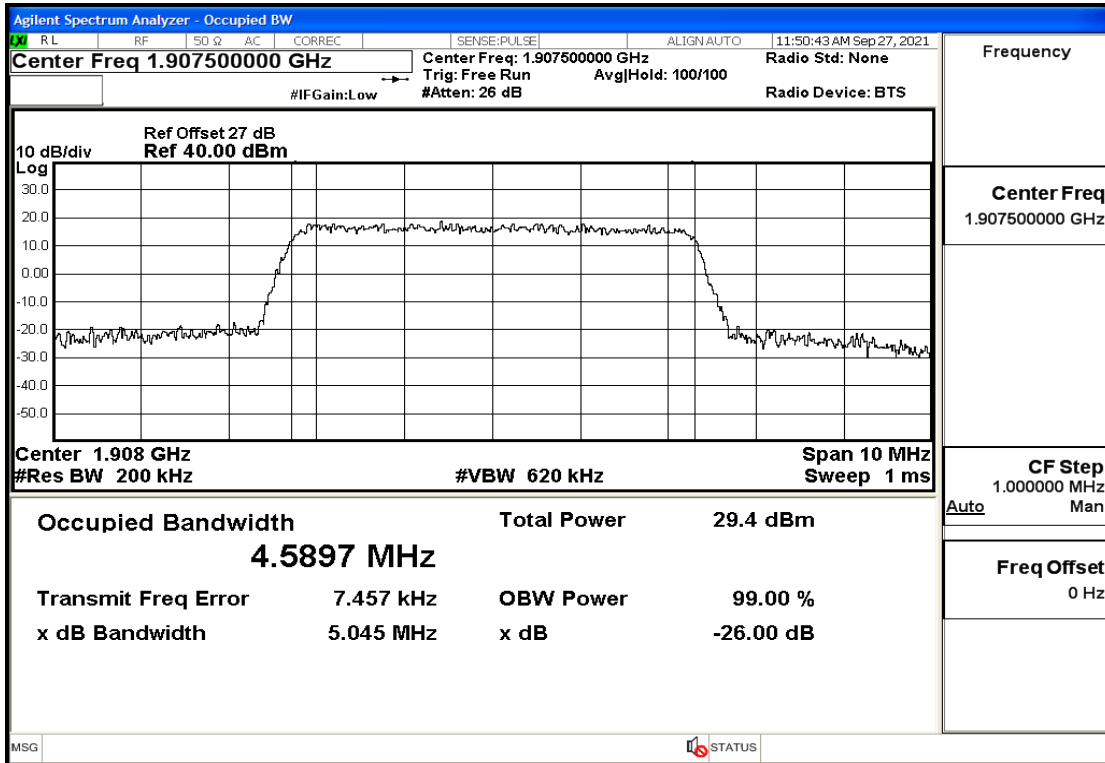
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



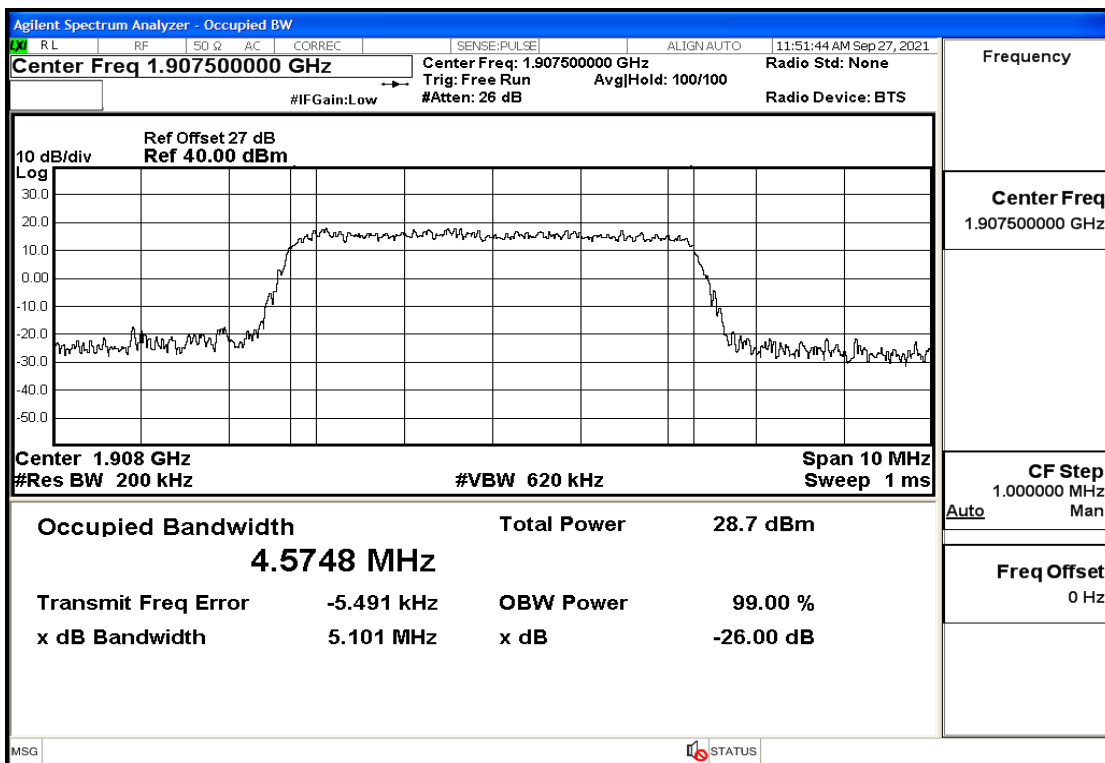
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



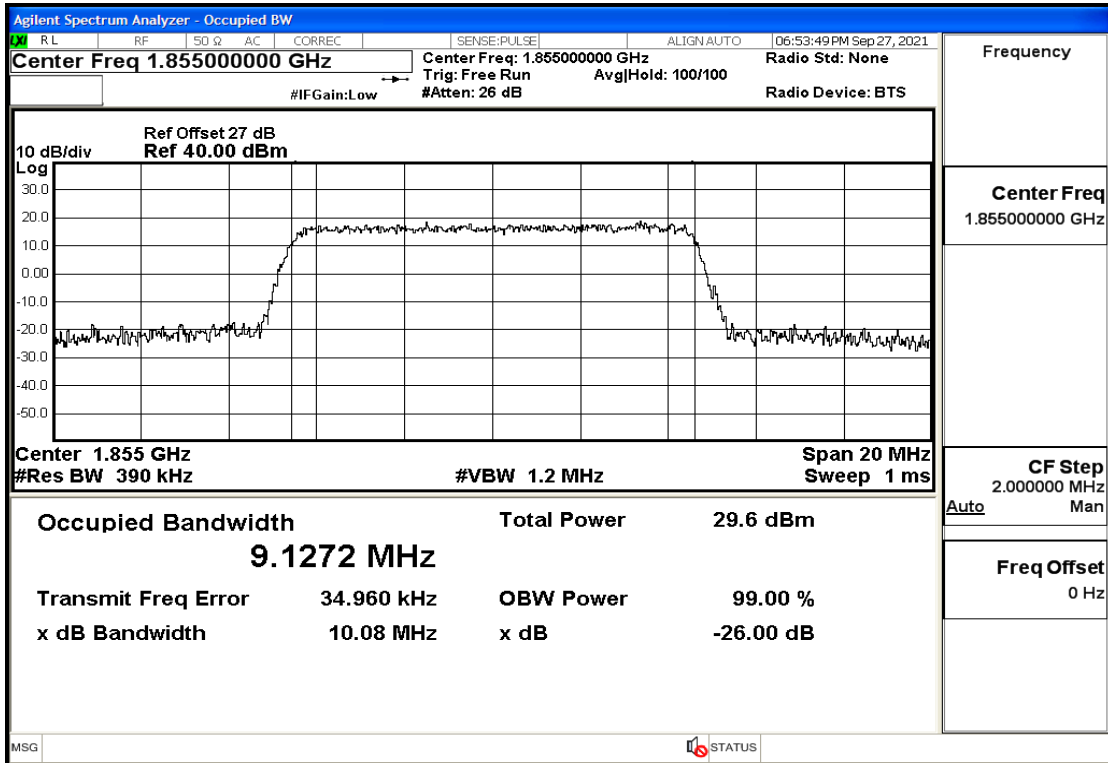
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



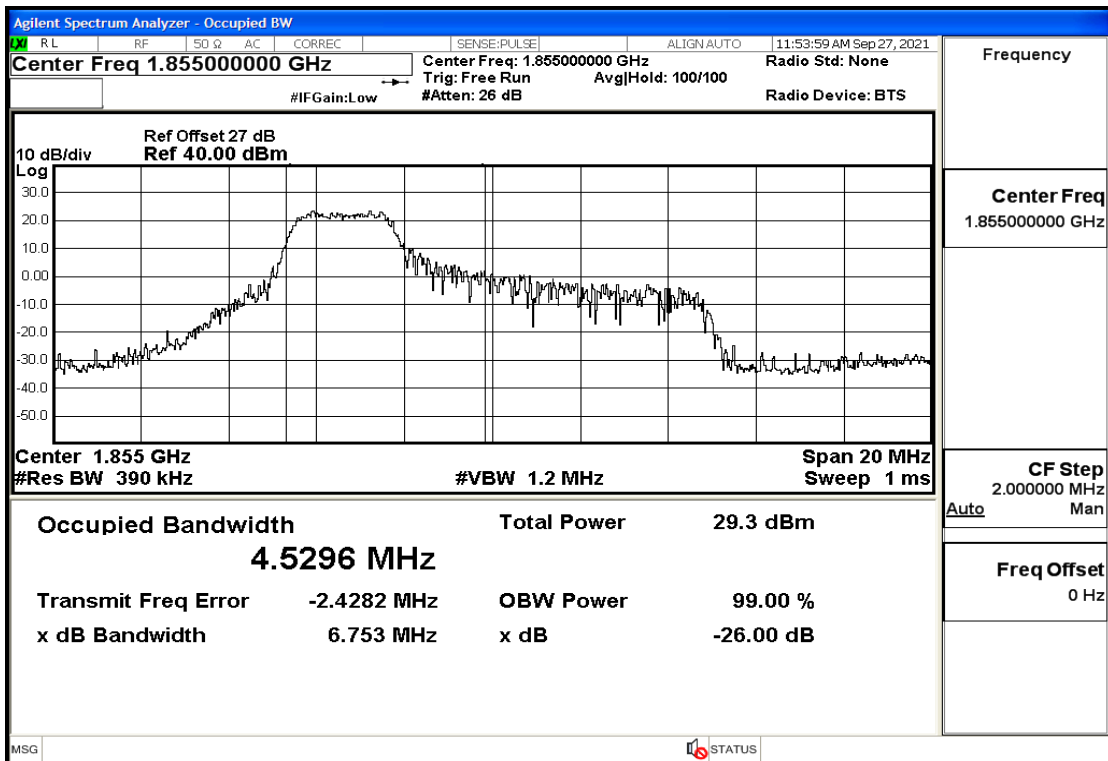
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



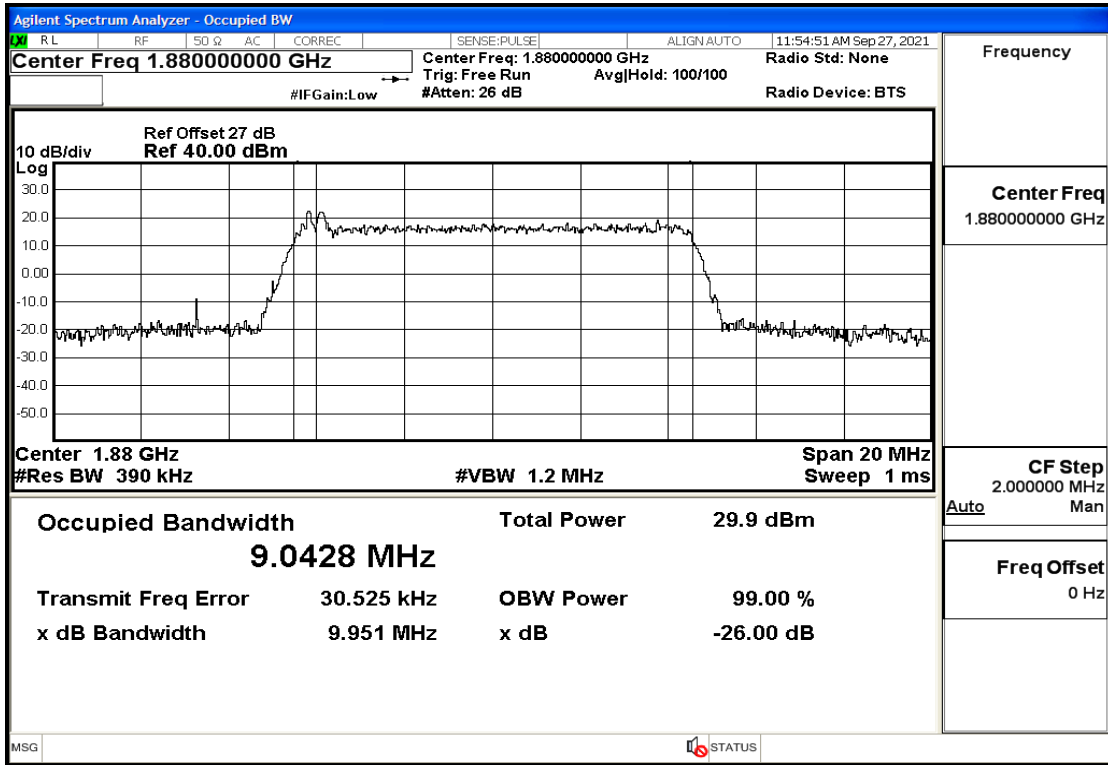
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



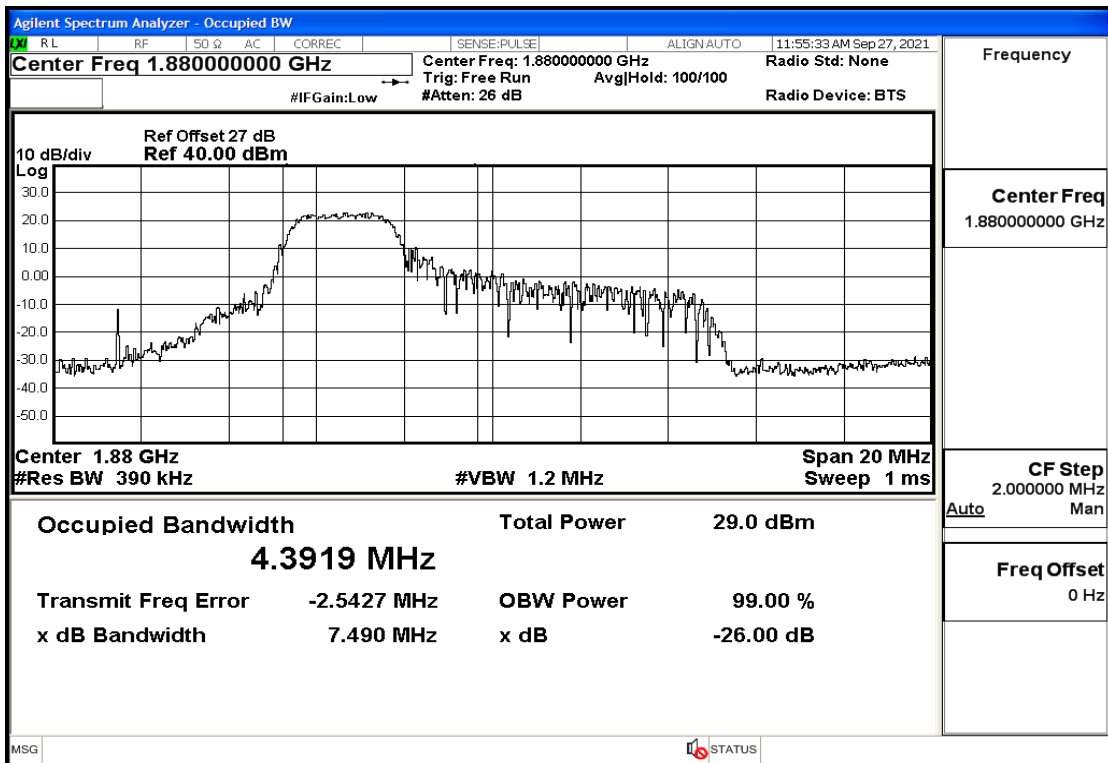
Band2-10-1855-16QAM-12#LOW@26dB and 99PCT Bandwidth



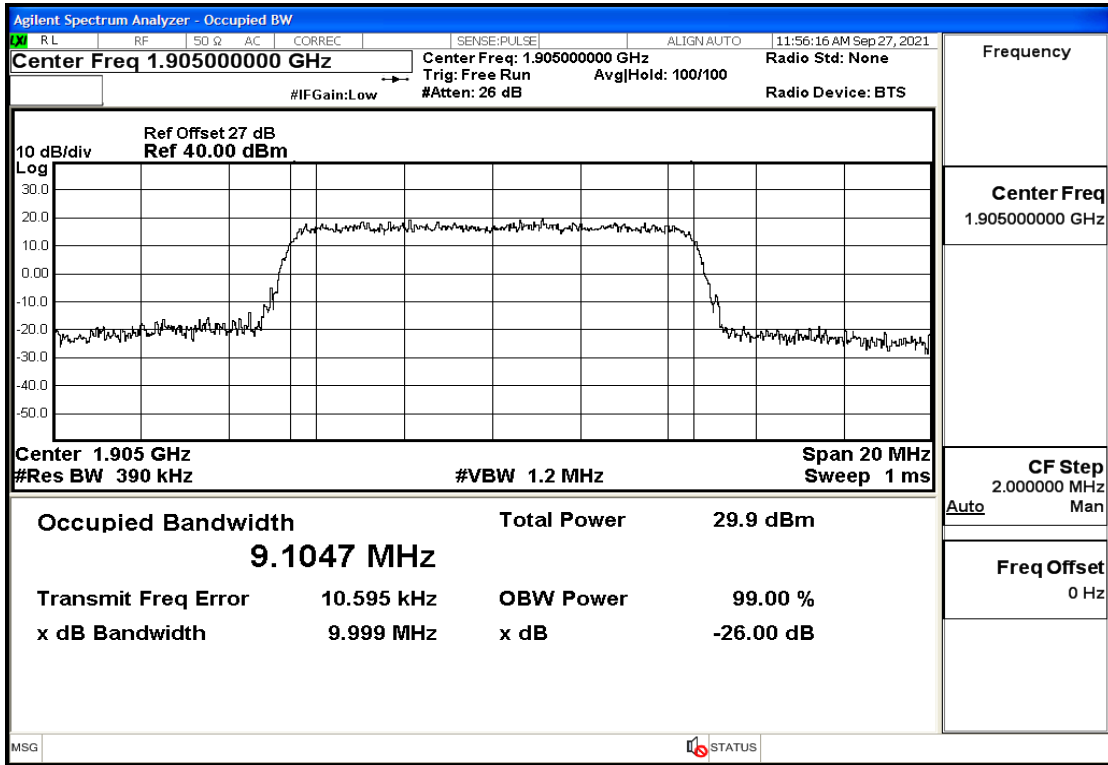
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



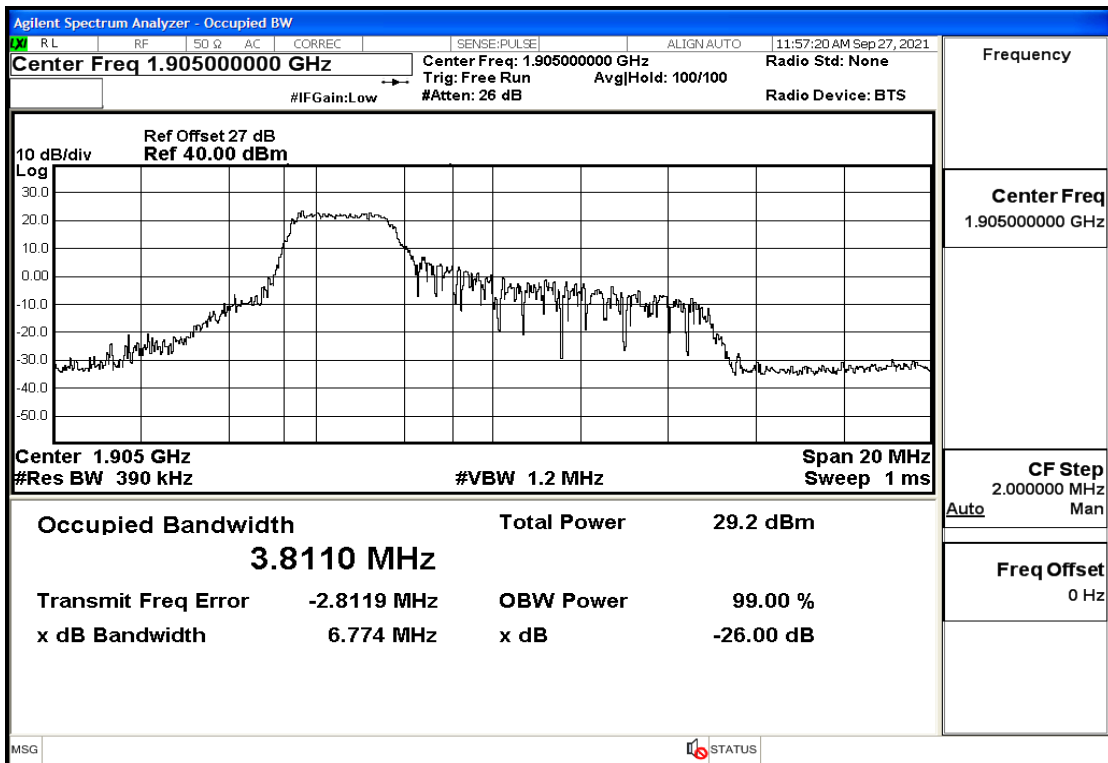
Band2-10-1880-16QAM-12#LOW@26dB and 99PCT Bandwidth



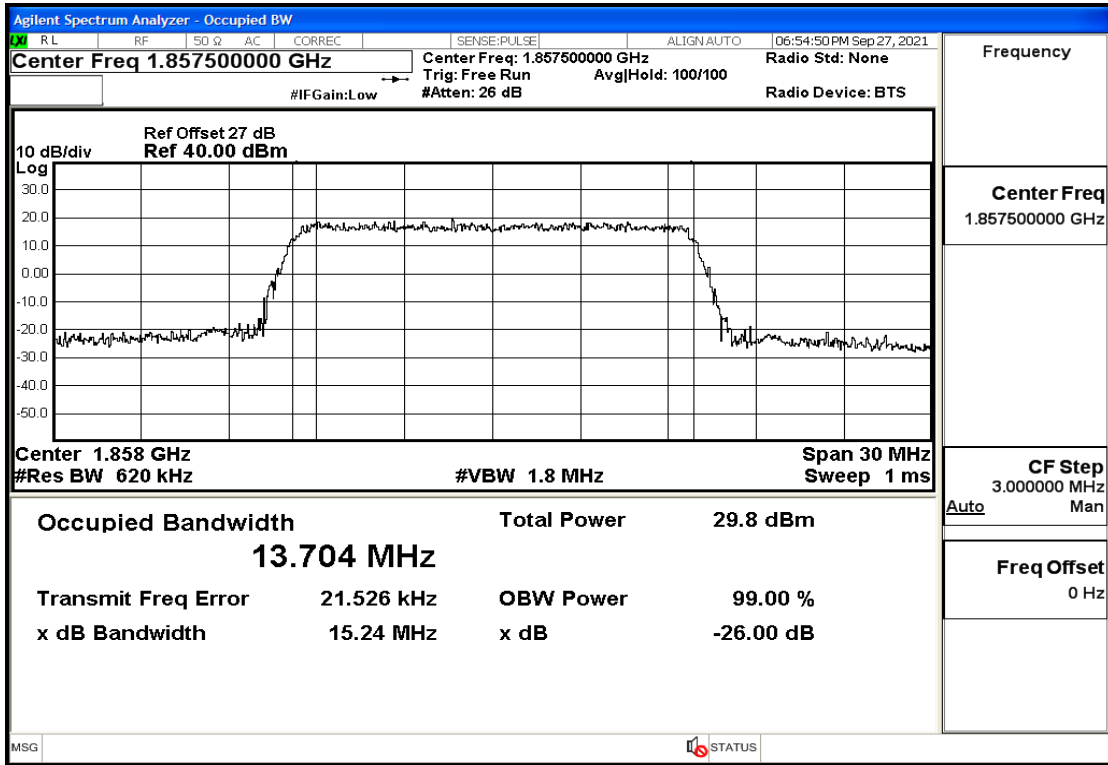
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



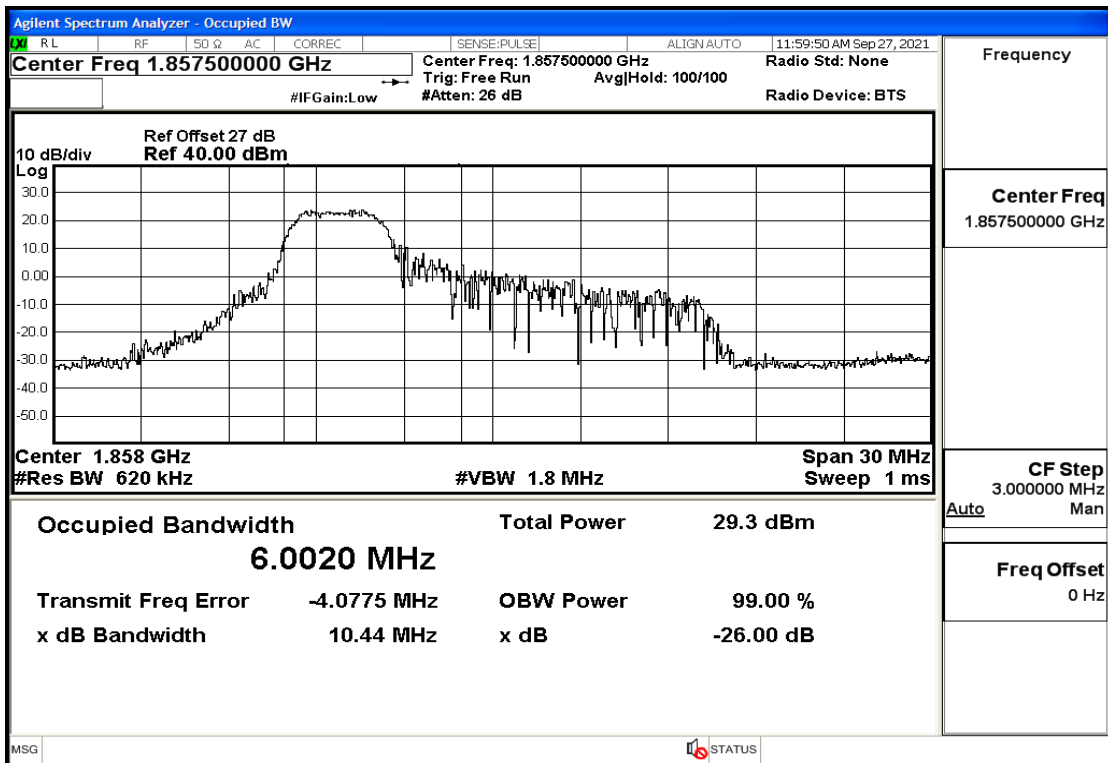
Band2-10-1905-16QAM-12#LOW@26dB and 99PCT Bandwidth



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

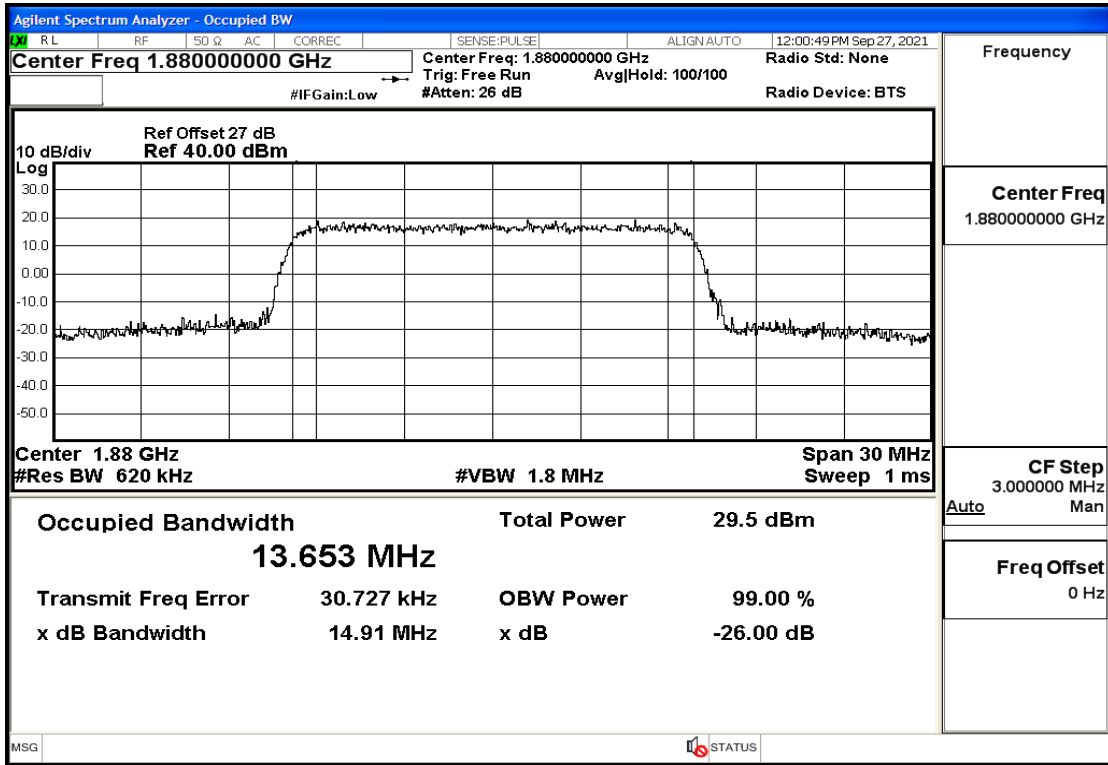


Band2-15-1857.5-16QAM-16#LOW@26dB and 99PCT Bandwidth

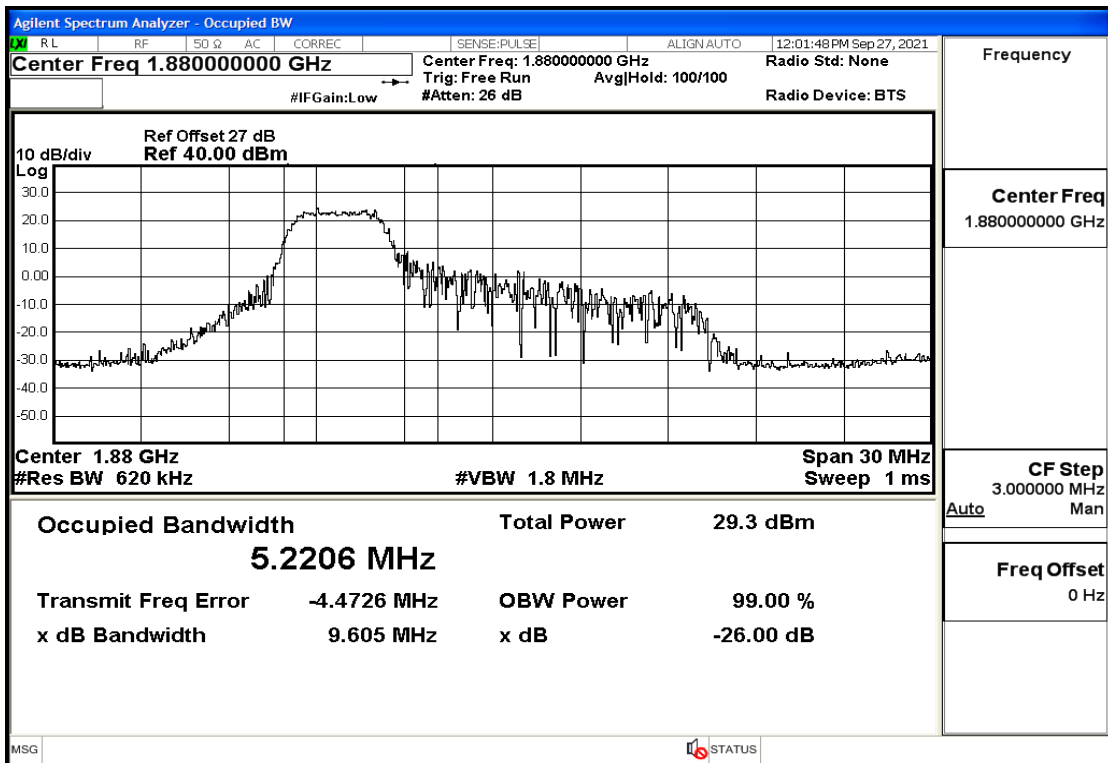




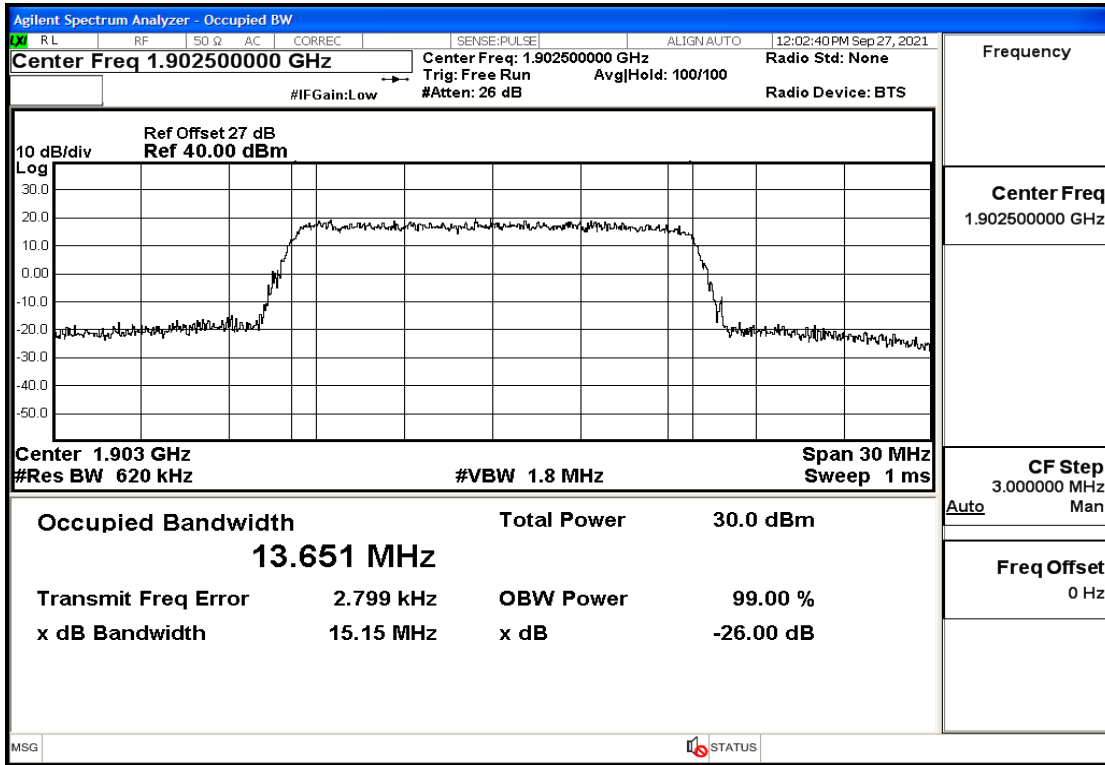
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



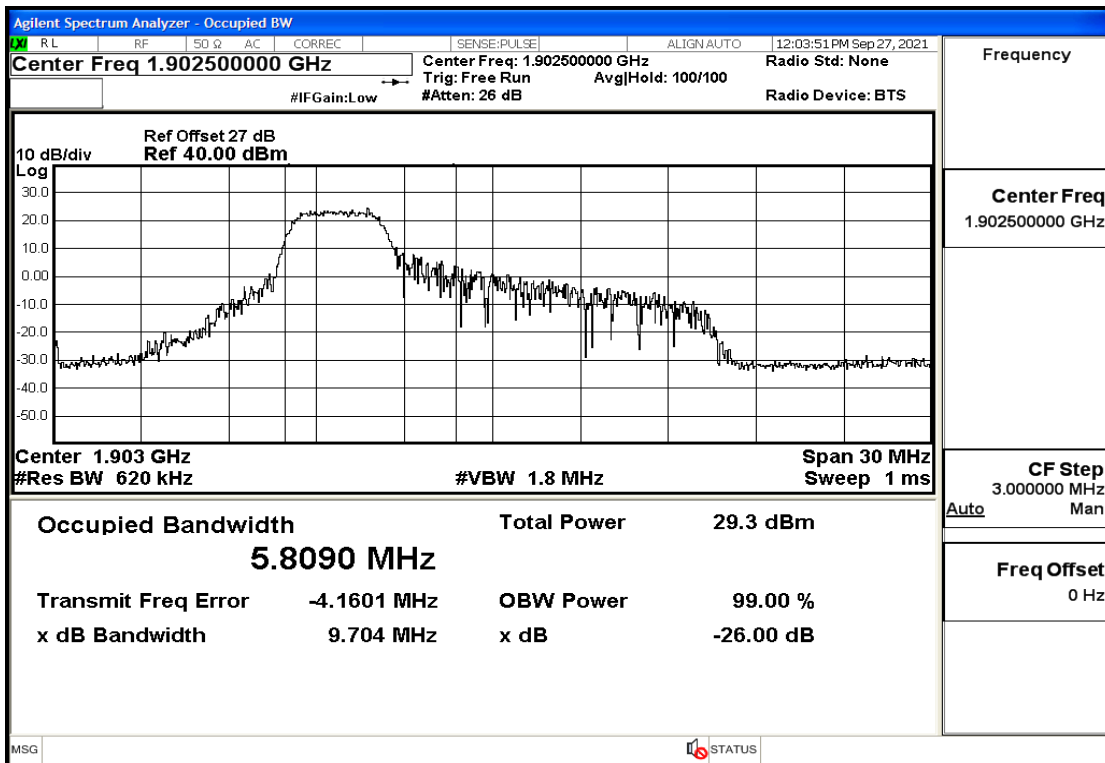
Band2-15-1880-16QAM-16#LOW@26dB and 99PCT Bandwidth



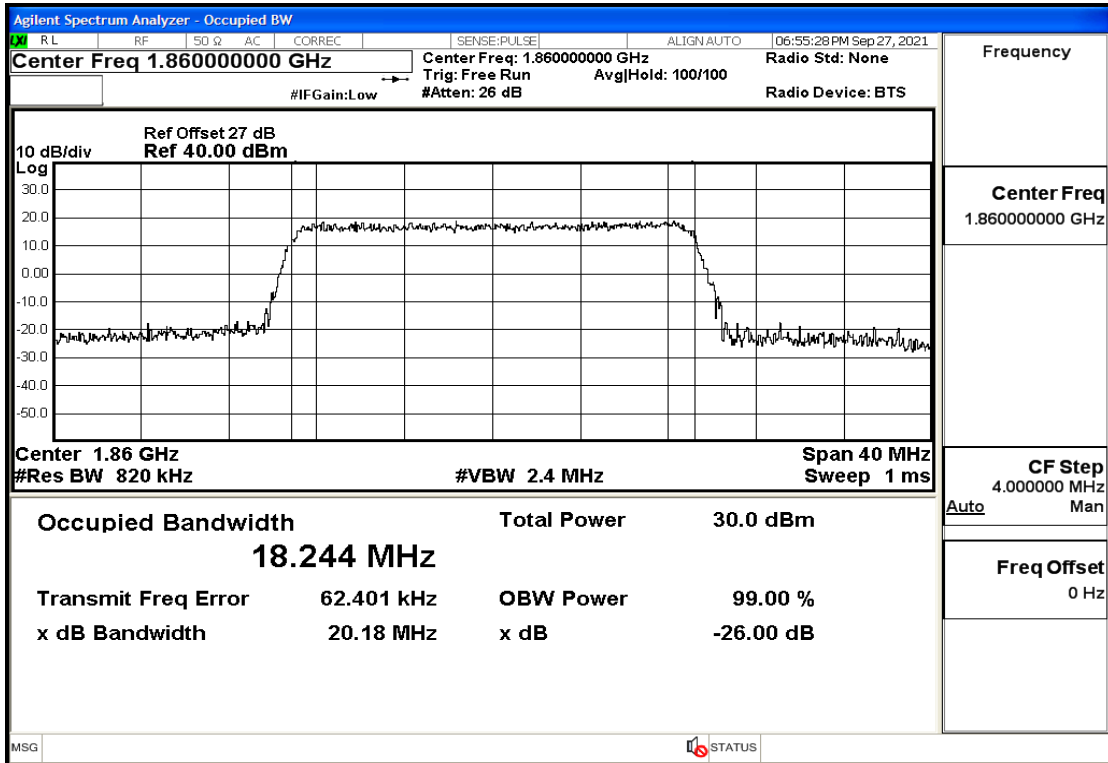
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



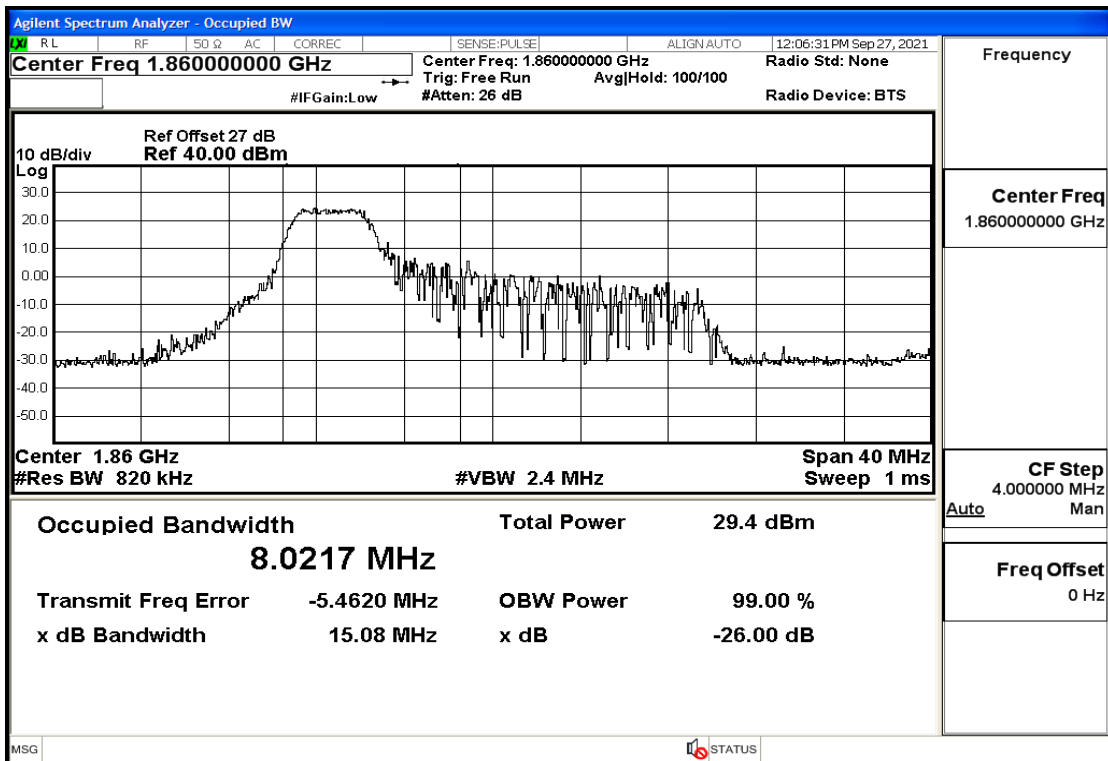
Band2-15-1902.5-16QAM-16#LOW@26dB and 99PCT Bandwidth



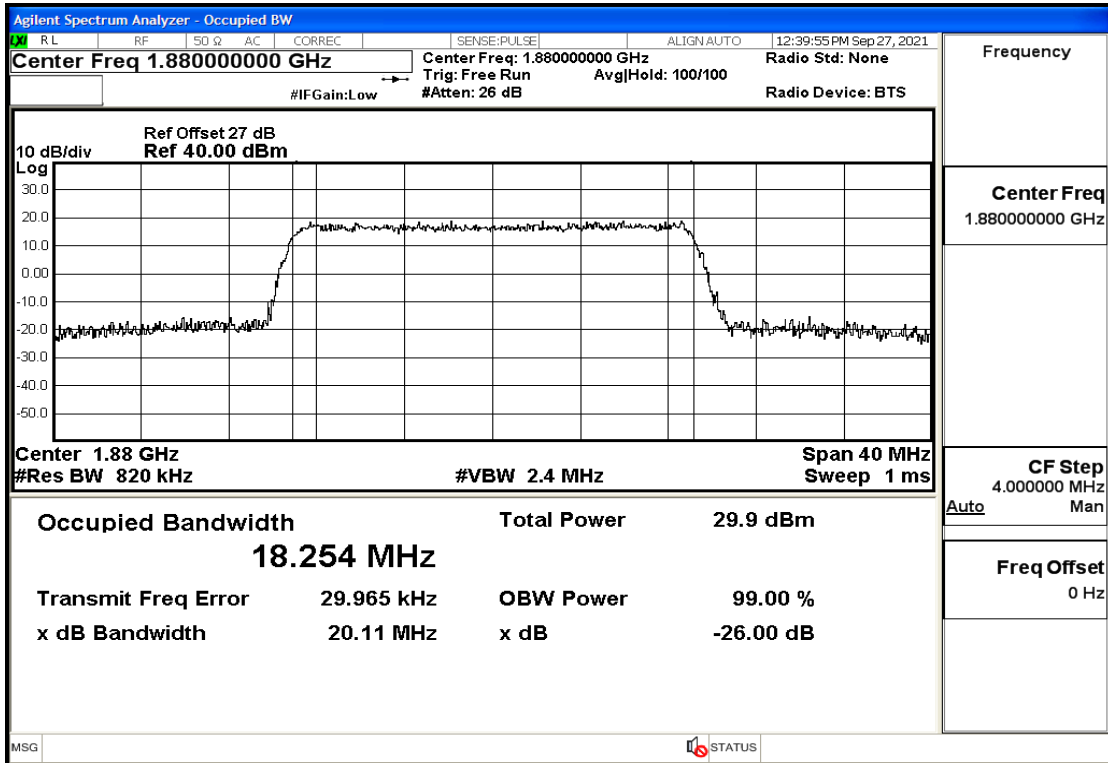
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



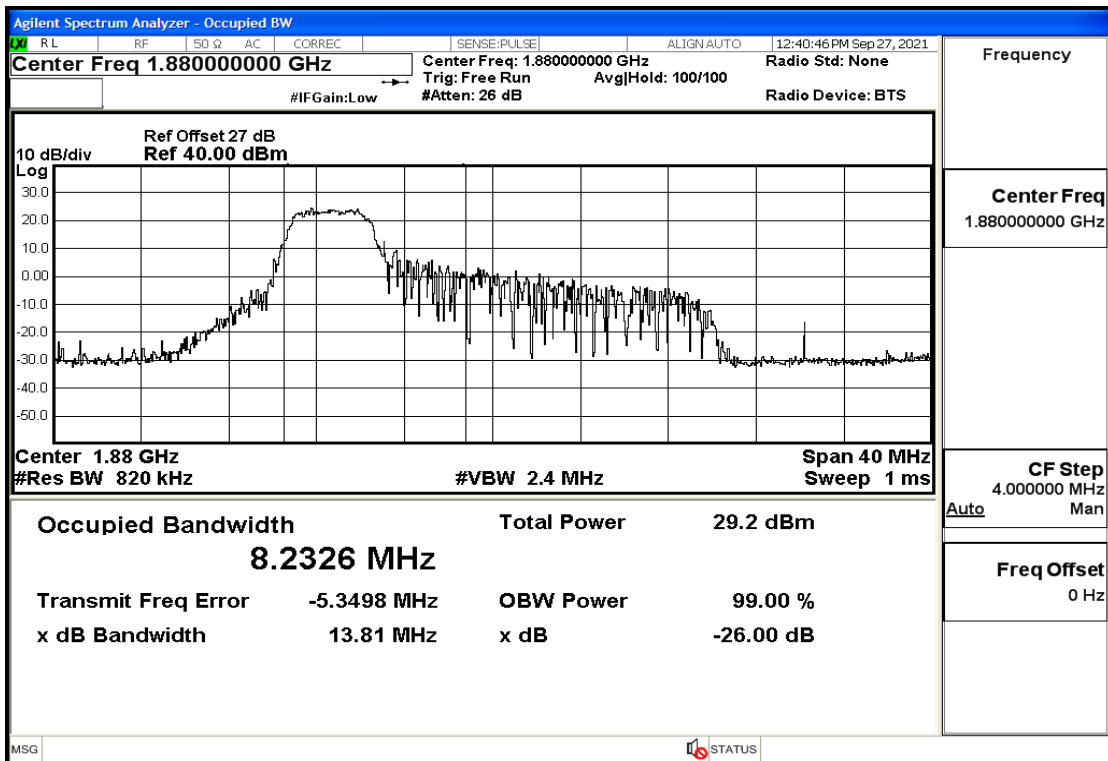
Band2-20-1860-16QAM-18#LOW@26dB and 99PCT Bandwidth



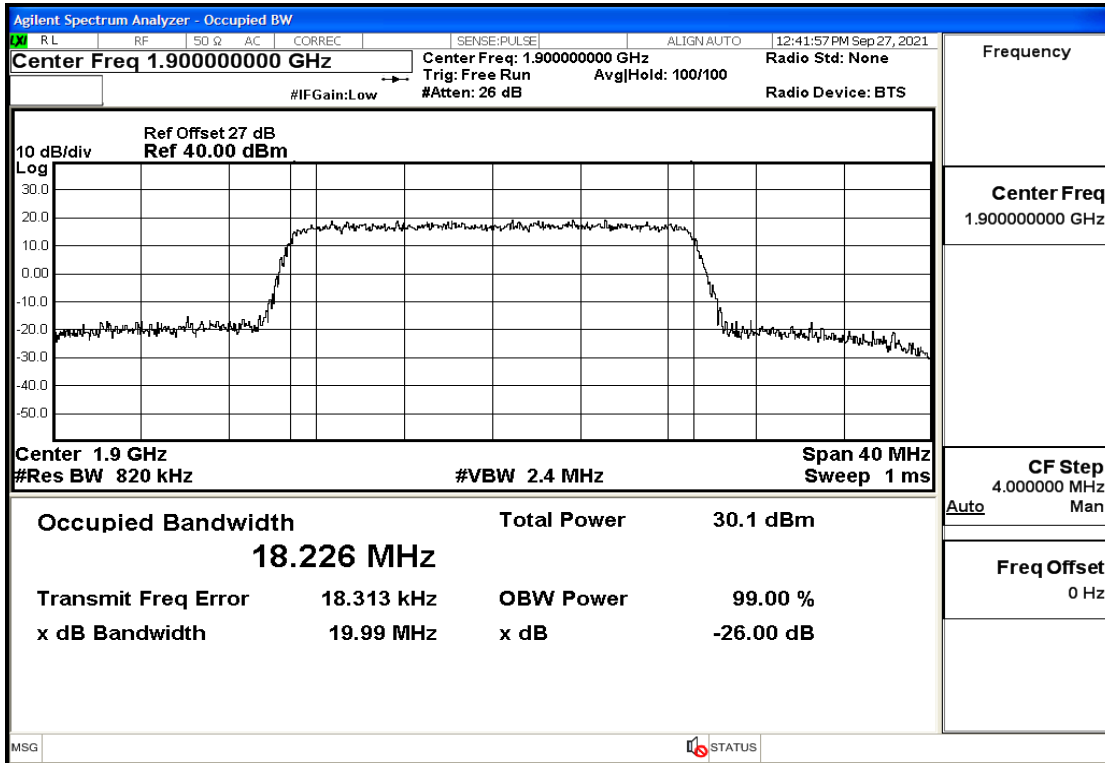
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



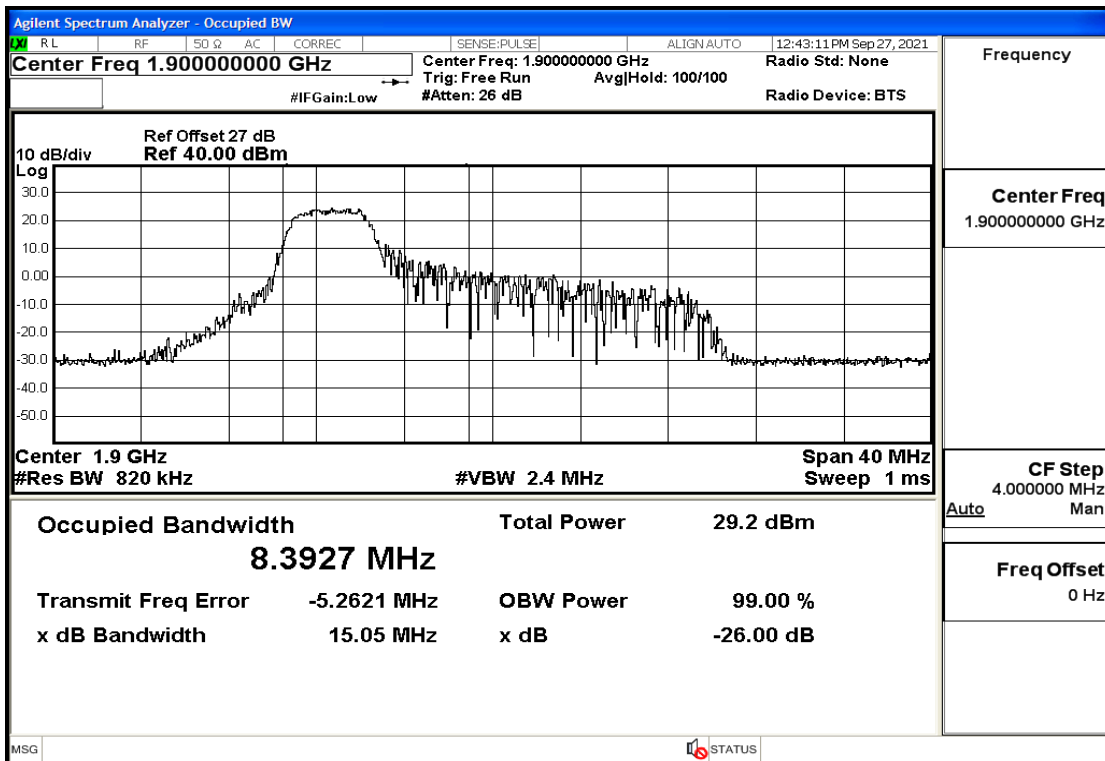
Band2-20-1880-16QAM-18#LOW@26dB and 99PCT Bandwidth



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



Band2-20-1900-16QAM-18#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	0.0351	
30	Normal Voltage	0.0167	
20(Ref.)	Normal Voltage	0.0256	
10	Normal Voltage	0.0639	
0	Normal Voltage	0.0171	
-10	Normal Voltage	0.0442	
-20	Normal Voltage	0.0360	
-30	Normal Voltage	0.0170	
20	Maximum Voltage	0.0173	
20	Normal Voltage	0.0246	
20	Battery End Point	0.0646	

## 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	21.74	27.5	5.76	13	-1.01	20.73	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	22.73	27.2	4.47	13	-1.01	21.72	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	22.8	27.32	4.52	13	-1.01	21.79	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	22.82	27.22	4.4	13	-1.01	21.81	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	22.83	26.81	3.98	13	-1.01	21.82	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	22.8	26.78	3.98	13	-1.01	21.79	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	22.75	26.79	4.04	13	-1.01	21.74	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	20.75	27.33	6.58	13	-1.01	19.74	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	21.81	26.85	5.04	13	-1.01	20.8	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	21.8	26.84	5.04	13	-1.01	20.79	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	21.74	26.93	5.19	13	-1.01	20.73	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	22.1	26.68	4.58	13	-1.01	21.09	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	22.01	26.62	4.61	13	-1.01	21	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	22.07	26.62	4.55	13	-1.01	21.06	33	Pass
Band2	1.4	1880	QPSK	6	LOW	21.6	26.91	5.31	13	-1.01	20.59	33	Pass
Band2	1.4	1880	QPSK	3	LOW	22.63	27.07	4.44	13	-1.01	21.62	33	Pass
Band2	1.4	1880	QPSK	3	MID	22.61	27.03	4.42	13	-1.01	21.6	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	22.62	27.03	4.41	13	-1.01	21.61	33	Pass
Band2	1.4	1880	QPSK	1	LOW	22.66	26.76	4.1	13	-1.01	21.65	33	Pass
Band2	1.4	1880	QPSK	1	MID	22.62	26.68	4.06	13	-1.01	21.61	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	22.7	26.74	4.04	13	-1.01	21.69	33	Pass
Band2	1.4	1880	16QAM	6	LOW	20.71	26.97	6.26	13	-1.01	19.7	33	Pass
Band2	1.4	1880	16QAM	3	LOW	21.88	27.07	5.19	13	-1.01	20.87	33	Pass
Band2	1.4	1880	16QAM	3	MID	21.87	27.08	5.21	13	-1.01	20.86	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	21.9	27.14	5.24	13	-1.01	20.89	33	Pass
Band2	1.4	1880	16QAM	1	LOW	21.9	26.38	4.48	13	-1.01	20.89	33	Pass
Band2	1.4	1880	16QAM	1	MID	21.96	26.25	4.29	13	-1.01	20.95	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	21.92	26.3	4.38	13	-1.01	20.91	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	21.87	27.54	5.67	13	-1.01	20.86	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	22.9	27.85	4.95	13	-1.01	21.89	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	22.87	27.86	4.99	13	-1.01	21.86	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	22.89	27.89	5	13	-1.01	21.88	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	22.87	27.34	4.47	13	-1.01	21.86	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	22.94	27.33	4.39	13	-1.01	21.93	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	22.89	27.34	4.45	13	-1.01	21.88	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	21.15	27.79	6.64	13	-1.01	20.14	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	21.95	27.71	5.76	13	-1.01	20.94	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	21.83	27.69	5.86	13	-1.01	20.82	33	Pass
Band2	1.4	1909.3	16QAM	3	HIGH	21.8	27.67	5.87	13	-1.01	20.79	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	22.79	27.47	4.68	13	-1.01	21.78	33	Pass

Band2	1.4	1909.3	16QAM	1	MID	22.77	27.45	4.68	13	-1.01	21.76	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	22.83	27.44	4.61	13	-1.01	21.82	33	Pass
Band2	3	1851.5	QPSK	15	LOW	21.76	27.57	5.81	13	-1.01	20.75	33	Pass
Band2	3	1851.5	QPSK	8	LOW	21.69	27.09	5.4	13	-1.01	20.68	33	Pass
Band2	3	1851.5	QPSK	8	MID	21.68	27.07	5.39	13	-1.01	20.67	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	21.78	27.08	5.3	13	-1.01	20.77	33	Pass
Band2	3	1851.5	QPSK	1	LOW	22.72	26.69	3.97	13	-1.01	21.71	33	Pass
Band2	3	1851.5	QPSK	1	MID	22.73	26.64	3.91	13	-1.01	21.72	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	22.84	26.67	3.83	13	-1.01	21.83	33	Pass
Band2	3	1851.5	16QAM	15	LOW	20.86	27.56	6.7	13	-1.01	19.85	33	Pass
Band2	3	1851.5	16QAM	8	LOW	21.02	26.8	5.78	13	-1.01	20.01	33	Pass
Band2	3	1851.5	16QAM	8	MID	21.02	26.67	5.65	13	-1.01	20.01	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	21.13	26.52	5.39	13	-1.01	20.12	33	Pass
Band2	3	1851.5	16QAM	1	LOW	21.81	26.27	4.46	13	-1.01	20.8	33	Pass
Band2	3	1851.5	16QAM	1	MID	21.92	26.29	4.37	13	-1.01	20.91	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	21.83	26.25	4.42	13	-1.01	20.82	33	Pass
Band2	3	1880	QPSK	15	LOW	21.62	27.46	5.84	13	-1.01	20.61	33	Pass
Band2	3	1880	QPSK	8	LOW	21.58	26.9	5.32	13	-1.01	20.57	33	Pass
Band2	3	1880	QPSK	8	MID	21.58	26.89	5.31	13	-1.01	20.57	33	Pass
Band2	3	1880	QPSK	8	HIGH	21.61	26.92	5.31	13	-1.01	20.6	33	Pass
Band2	3	1880	QPSK	1	LOW	22.71	27	4.29	13	-1.01	21.7	33	Pass
Band2	3	1880	QPSK	1	MID	22.61	26.66	4.05	13	-1.01	21.6	33	Pass
Band2	3	1880	QPSK	1	HIGH	22.51	26.62	4.11	13	-1.01	21.5	33	Pass
Band2	3	1880	16QAM	15	LOW	20.9	27.01	6.11	13	-1.01	19.89	33	Pass
Band2	3	1880	16QAM	8	LOW	21.03	27.17	6.14	13	-1.01	20.02	33	Pass
Band2	3	1880	16QAM	8	MID	21.04	27.12	6.08	13	-1.01	20.03	33	Pass
Band2	3	1880	16QAM	8	HIGH	21.07	27.09	6.02	13	-1.01	20.06	33	Pass
Band2	3	1880	16QAM	1	LOW	21.89	26.95	5.06	13	-1.01	20.88	33	Pass
Band2	3	1880	16QAM	1	MID	21.95	26.91	4.96	13	-1.01	20.94	33	Pass
Band2	3	1880	16QAM	1	HIGH	21.88	26.95	5.07	13	-1.01	20.87	33	Pass
Band2	3	1908.5	QPSK	15	LOW	21.91	27.59	5.68	13	-1.01	20.9	33	Pass
Band2	3	1908.5	QPSK	8	LOW	21.81	27.58	5.77	13	-1.01	20.8	33	Pass
Band2	3	1908.5	QPSK	8	MID	21.92	27.52	5.6	13	-1.01	20.91	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	21.88	27.55	5.67	13	-1.01	20.87	33	Pass
Band2	3	1908.5	QPSK	1	LOW	22.94	27.29	4.35	13	-1.01	21.93	33	Pass
Band2	3	1908.5	QPSK	1	MID	22.96	27.39	4.43	13	-1.01	21.95	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	23.03	27.35	4.32	13	-1.01	22.02	33	Pass
Band2	3	1908.5	16QAM	15	LOW	21.14	28.16	7.02	13	-1.01	20.13	33	Pass
Band2	3	1908.5	16QAM	8	LOW	21.09	27.34	6.25	13	-1.01	20.08	33	Pass
Band2	3	1908.5	16QAM	8	MID	21.1	27.36	6.26	13	-1.01	20.09	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	21.09	27.25	6.16	13	-1.01	20.08	33	Pass
Band2	3	1908.5	16QAM	1	LOW	22.66	27.68	5.02	13	-1.01	21.65	33	Pass
Band2	3	1908.5	16QAM	1	MID	22.68	27.68	5	13	-1.01	21.67	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	22.63	27.25	4.62	13	-1.01	21.62	33	Pass
Band2	5	1852.5	QPSK	25	LOW	21.79	27.46	5.67	13	-1.01	20.78	33	Pass
Band2	5	1852.5	QPSK	12	LOW	21.81	26.78	4.97	13	-1.01	20.8	33	Pass



Band2	5	1852.5	QPSK	12	MID	21.81	26.82	5.01	13	-1.01	20.8	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	21.69	26.85	5.16	13	-1.01	20.68	33	Pass
Band2	5	1852.5	QPSK	1	LOW	22.76	26.93	4.17	13	-1.01	21.75	33	Pass
Band2	5	1852.5	QPSK	1	MID	22.79	26.93	4.14	13	-1.01	21.78	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	22.68	27.03	4.35	13	-1.01	21.67	33	Pass
Band2	5	1852.5	16QAM	25	LOW	20.93	27.25	6.32	13	-1.01	19.92	33	Pass
Band2	5	1852.5	16QAM	12	LOW	20.82	26.95	6.13	13	-1.01	19.81	33	Pass
Band2	5	1852.5	16QAM	12	MID	20.82	26.91	6.09	13	-1.01	19.81	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	20.97	27.1	6.13	13	-1.01	19.96	33	Pass
Band2	5	1852.5	16QAM	1	LOW	21.62	26.47	4.85	13	-1.01	20.61	33	Pass
Band2	5	1852.5	16QAM	1	MID	21.14	26.2	5.06	13	-1.01	20.13	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	21.18	26.3	5.12	13	-1.01	20.17	33	Pass
Band2	5	1880	QPSK	25	LOW	21.71	27.76	6.05	13	-1.01	20.7	33	Pass
Band2	5	1880	QPSK	12	LOW	21.62	27.21	5.59	13	-1.01	20.61	33	Pass
Band2	5	1880	QPSK	12	MID	21.61	27.12	5.51	13	-1.01	20.6	33	Pass
Band2	5	1880	QPSK	12	HIGH	21.65	27.22	5.57	13	-1.01	20.64	33	Pass
Band2	5	1880	QPSK	1	LOW	22.66	26.96	4.3	13	-1.01	21.65	33	Pass
Band2	5	1880	QPSK	1	MID	22.71	26.71	4	13	-1.01	21.7	33	Pass
Band2	5	1880	QPSK	1	HIGH	22.84	26.82	3.98	13	-1.01	21.83	33	Pass
Band2	5	1880	16QAM	25	LOW	20.77	27.63	6.86	13	-1.01	19.76	33	Pass
Band2	5	1880	16QAM	12	LOW	20.94	26.91	5.97	13	-1.01	19.93	33	Pass
Band2	5	1880	16QAM	12	MID	20.94	26.89	5.95	13	-1.01	19.93	33	Pass
Band2	5	1880	16QAM	12	HIGH	20.98	26.93	5.95	13	-1.01	19.97	33	Pass
Band2	5	1880	16QAM	1	LOW	21.84	26.73	4.89	13	-1.01	20.83	33	Pass
Band2	5	1880	16QAM	1	MID	21.92	26.68	4.76	13	-1.01	20.91	33	Pass
Band2	5	1880	16QAM	1	HIGH	22.03	26.77	4.74	13	-1.01	21.02	33	Pass
Band2	5	1907.5	QPSK	25	LOW	21.87	27.81	5.94	13	-1.01	20.86	33	Pass
Band2	5	1907.5	QPSK	12	LOW	21.89	27.31	5.42	13	-1.01	20.88	33	Pass
Band2	5	1907.5	QPSK	12	MID	21.9	27.32	5.42	13	-1.01	20.89	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	21.89	27.45	5.56	13	-1.01	20.88	33	Pass
Band2	5	1907.5	QPSK	1	LOW	22.81	27.19	4.38	13	-1.01	21.8	33	Pass
Band2	5	1907.5	QPSK	1	MID	22.81	27.4	4.59	13	-1.01	21.8	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	22.89	27.46	4.57	13	-1.01	21.88	33	Pass
Band2	5	1907.5	16QAM	25	LOW	20.93	28.26	7.33	13	-1.01	19.92	33	Pass
Band2	5	1907.5	16QAM	12	LOW	20.84	27.27	6.43	13	-1.01	19.83	33	Pass
Band2	5	1907.5	16QAM	12	MID	20.86	27.19	6.33	13	-1.01	19.85	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	20.88	27.47	6.59	13	-1.01	19.87	33	Pass
Band2	5	1907.5	16QAM	1	LOW	21.61	27.05	5.44	13	-1.01	20.6	33	Pass
Band2	5	1907.5	16QAM	1	MID	21.67	27.32	5.65	13	-1.01	20.66	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	21.72	27.54	5.82	13	-1.01	20.71	33	Pass
Band2	10	1855	QPSK	50	LOW	21.81	27.57	5.76	13	-1.01	20.8	33	Pass
Band2	10	1855	QPSK	25	LOW	21.64	26.95	5.31	13	-1.01	20.63	33	Pass
Band2	10	1855	QPSK	25	MID	21.64	26.91	5.27	13	-1.01	20.63	33	Pass
Band2	10	1855	QPSK	25	HIGH	21.76	27.25	5.49	13	-1.01	20.75	33	Pass
Band2	10	1855	QPSK	1	LOW	22.61	26.54	3.93	13	-1.01	21.6	33	Pass
Band2	10	1855	QPSK	1	MID	22.67	26.66	3.99	13	-1.01	21.66	33	Pass

Band2	10	1855	QPSK	1	HIGH	22.59	26.94	4.35	13	-1.01	21.58	33	Pass
Band2	10	1855	16QAM	12	LOW	21.88	26.87	4.99	13	-1.01	20.87	33	Pass
Band2	10	1855	16QAM	6	LOW	22.07	26.91	4.84	13	-1.01	21.06	33	Pass
Band2	10	1855	16QAM	6	MID	22.08	26.92	4.84	13	-1.01	21.07	33	Pass
Band2	10	1855	16QAM	6	HIGH	21.93	27.32	5.39	13	-1.01	20.92	33	Pass
Band2	10	1855	16QAM	1	LOW	22.35	26.92	4.57	13	-1.01	21.34	33	Pass
Band2	10	1855	16QAM	1	MID	22.31	27.03	4.72	13	-1.01	21.3	33	Pass
Band2	10	1855	16QAM	1	HIGH	22.37	27.39	5.02	13	-1.01	21.36	33	Pass
Band2	10	1880	QPSK	50	LOW	21.71	27.58	5.87	13	-1.01	20.7	33	Pass
Band2	10	1880	QPSK	25	LOW	21.52	26.92	5.4	13	-1.01	20.51	33	Pass
Band2	10	1880	QPSK	25	MID	21.48	27.05	5.57	13	-1.01	20.47	33	Pass
Band2	10	1880	QPSK	25	HIGH	21.59	27.03	5.44	13	-1.01	20.58	33	Pass
Band2	10	1880	QPSK	1	LOW	22.77	27	4.23	13	-1.01	21.76	33	Pass
Band2	10	1880	QPSK	1	MID	22.73	26.71	3.98	13	-1.01	21.72	33	Pass
Band2	10	1880	QPSK	1	HIGH	22.85	26.89	4.04	13	-1.01	21.84	33	Pass
Band2	10	1880	16QAM	12	LOW	21.69	27.3	5.61	13	-1.01	20.68	33	Pass
Band2	10	1880	16QAM	6	LOW	21.87	27.24	5.37	13	-1.01	20.86	33	Pass
Band2	10	1880	16QAM	6	MID	21.86	27.22	5.36	13	-1.01	20.85	33	Pass
Band2	10	1880	16QAM	6	HIGH	22.12	27.19	5.07	13	-1.01	21.11	33	Pass
Band2	10	1880	16QAM	1	LOW	21.87	26.58	4.71	13	-1.01	20.86	33	Pass
Band2	10	1880	16QAM	1	MID	21.95	26.24	4.29	13	-1.01	20.94	33	Pass
Band2	10	1880	16QAM	1	HIGH	22	26.66	4.66	13	-1.01	20.99	33	Pass
Band2	10	1905	QPSK	50	LOW	21.86	27.56	5.7	13	-1.01	20.85	33	Pass
Band2	10	1905	QPSK	25	LOW	21.94	27.5	5.56	13	-1.01	20.93	33	Pass
Band2	10	1905	QPSK	25	MID	21.94	27.5	5.56	13	-1.01	20.93	33	Pass
Band2	10	1905	QPSK	25	HIGH	21.87	27.72	5.85	13	-1.01	20.86	33	Pass
Band2	10	1905	QPSK	1	LOW	23.01	26.98	3.97	13	-1.01	22	33	Pass
Band2	10	1905	QPSK	1	MID	22.8	27.03	4.23	13	-1.01	21.79	33	Pass
Band2	10	1905	QPSK	1	HIGH	22.88	27.37	4.49	13	-1.01	21.87	33	Pass
Band2	10	1905	16QAM	12	LOW	21.93	27.19	5.26	13	-1.01	20.92	33	Pass
Band2	10	1905	16QAM	6	LOW	22.06	27.21	5.15	13	-1.01	21.05	33	Pass
Band2	10	1905	16QAM	6	MID	22.17	27.23	5.06	13	-1.01	21.16	33	Pass
Band2	10	1905	16QAM	6	HIGH	22.22	27.89	5.67	13	-1.01	21.21	33	Pass
Band2	10	1905	16QAM	1	LOW	21.56	26.3	4.74	13	-1.01	20.55	33	Pass
Band2	10	1905	16QAM	1	MID	21.82	26.53	4.71	13	-1.01	20.81	33	Pass
Band2	10	1905	16QAM	1	HIGH	21.62	26.67	5.05	13	-1.01	20.61	33	Pass
Band2	15	1857.5	QPSK	75	LOW	20.85	27.77	6.92	13	-1.01	19.84	33	Pass
Band2	15	1857.5	QPSK	38	LOW	20.86	27.66	6.8	13	-1.01	19.85	33	Pass
Band2	15	1857.5	QPSK	38	MID	20.87	27.75	6.88	13	-1.01	19.86	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	20.87	27.79	6.92	13	-1.01	19.86	33	Pass
Band2	15	1857.5	QPSK	1	LOW	22.63	26.82	4.19	13	-1.01	21.62	33	Pass
Band2	15	1857.5	QPSK	1	MID	22.65	26.82	4.17	13	-1.01	21.64	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	22.68	27.18	4.5	13	-1.01	21.67	33	Pass
Band2	15	1857.5	16QAM	16	LOW	21.99	27.1	5.11	13	-1.01	20.98	33	Pass
Band2	15	1857.5	16QAM	8	LOW	22.07	26.93	4.86	13	-1.01	21.06	33	Pass
Band2	15	1857.5	16QAM	8	MID	22.06	26.93	4.87	13	-1.01	21.05	33	Pass

Band2	15	1857.5	16QAM	8	HIGH	21.95	27.66	5.71	13	-1.01	20.94	33	Pass
Band2	15	1857.5	16QAM	1	LOW	22.12	27.14	5.02	13	-1.01	21.11	33	Pass
Band2	15	1857.5	16QAM	1	MID	22.03	27.14	5.11	13	-1.01	21.02	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	22.03	27.63	5.6	13	-1.01	21.02	33	Pass
Band2	15	1880	QPSK	75	LOW	21.6	28	6.4	13	-1.01	20.59	33	Pass
Band2	15	1880	QPSK	38	HIGH	21.58	27.98	6.4	13	-1.01	20.57	33	Pass
Band2	15	1880	QPSK	38	LOW	21.55	27.93	6.38	13	-1.01	20.54	33	Pass
Band2	15	1880	QPSK	38	MID	21.59	27.97	6.38	13	-1.01	20.58	33	Pass
Band2	15	1880	QPSK	1	LOW	22.64	27.2	4.56	13	-1.01	21.63	33	Pass
Band2	15	1880	QPSK	1	MID	22.72	26.74	4.02	13	-1.01	21.71	33	Pass
Band2	15	1880	QPSK	1	HIGH	22.79	27.05	4.26	13	-1.01	21.78	33	Pass
Band2	15	1880	16QAM	16	LOW	22.04	27.36	5.32	13	-1.01	21.03	33	Pass
Band2	15	1880	16QAM	8	LOW	21.86	27.31	5.45	13	-1.01	20.85	33	Pass
Band2	15	1880	16QAM	8	MID	21.87	27.28	5.41	13	-1.01	20.86	33	Pass
Band2	15	1880	16QAM	8	HIGH	21.82	27.36	5.54	13	-1.01	20.81	33	Pass
Band2	15	1880	16QAM	1	LOW	21.87	27.33	5.46	13	-1.01	20.86	33	Pass
Band2	15	1880	16QAM	1	MID	21.95	26.41	4.46	13	-1.01	20.94	33	Pass
Band2	15	1880	16QAM	1	HIGH	22.01	26.93	4.92	13	-1.01	21	33	Pass
Band2	15	1902.5	QPSK	75	LOW	21.86	28.09	6.23	13	-1.01	20.85	33	Pass
Band2	15	1902.5	QPSK	38	LOW	21.84	28.1	6.26	13	-1.01	20.83	33	Pass
Band2	15	1902.5	QPSK	38	MID	21.84	28.01	6.17	13	-1.01	20.83	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	21.84	28.08	6.24	13	-1.01	20.83	33	Pass
Band2	15	1902.5	QPSK	1	LOW	22.82	27.38	4.56	13	-1.01	21.81	33	Pass
Band2	15	1902.5	QPSK	1	MID	22.85	26.84	3.99	13	-1.01	21.84	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	22.99	27.41	4.42	13	-1.01	21.98	33	Pass
Band2	15	1902.5	16QAM	16	LOW	22.07	27.68	5.61	13	-1.01	21.06	33	Pass
Band2	15	1902.5	16QAM	8	LOW	21.95	27.44	5.49	13	-1.01	20.94	33	Pass
Band2	15	1902.5	16QAM	8	MID	21.86	27.42	5.56	13	-1.01	20.85	33	Pass
Band2	15	1902.5	16QAM	8	HIGH	22.02	27.81	5.79	13	-1.01	21.01	33	Pass
Band2	15	1902.5	16QAM	1	LOW	22.41	27.58	5.17	13	-1.01	21.4	33	Pass
Band2	15	1902.5	16QAM	1	MID	22.44	26.67	4.23	13	-1.01	21.43	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	22.64	27.78	5.14	13	-1.01	21.63	33	Pass
Band2	20	1860	QPSK	100	LOW	20.83	27.92	7.09	13	-1.01	19.82	33	Pass
Band2	20	1860	QPSK	50	LOW	21.65	27.19	5.54	13	-1.01	20.64	33	Pass
Band2	20	1860	QPSK	50	MID	21.65	27.13	5.48	13	-1.01	20.64	33	Pass
Band2	20	1860	QPSK	50	HIGH	21.58	27.61	6.03	13	-1.01	20.57	33	Pass
Band2	20	1860	QPSK	1	LOW	22.86	27.07	4.21	13	-1.01	21.85	33	Pass
Band2	20	1860	QPSK	1	MID	22.79	27.23	4.44	13	-1.01	21.78	33	Pass
Band2	20	1860	QPSK	1	HIGH	22.81	27.44	4.63	13	-1.01	21.8	33	Pass
Band2	20	1860	16QAM	18	LOW	21.69	27.05	5.36	13	-1.01	20.68	33	Pass
Band2	20	1860	16QAM	9	LOW	22.03	26.91	4.88	13	-1.01	21.02	33	Pass
Band2	20	1860	16QAM	9	MID	22.04	26.96	4.92	13	-1.01	21.03	33	Pass
Band2	20	1860	16QAM	9	HIGH	21.78	27.47	5.69	13	-1.01	20.77	33	Pass
Band2	20	1860	16QAM	1	LOW	22.36	27.19	4.83	13	-1.01	21.35	33	Pass
Band2	20	1860	16QAM	1	MID	22.36	27.19	4.83	13	-1.01	21.35	33	Pass
Band2	20	1860	16QAM	1	HIGH	22.45	28.18	5.73	13	-1.01	21.44	33	Pass

Band2	20	1880	QPSK	100	LOW	21.77	28.03	6.26	13	-1.01	20.76	33	Pass
Band2	20	1880	QPSK	50	LOW	21.67	27.42	5.75	13	-1.01	20.66	33	Pass
Band2	20	1880	QPSK	50	MID	21.68	27.42	5.74	13	-1.01	20.67	33	Pass
Band2	20	1880	QPSK	50	HIGH	21.78	27.47	5.69	13	-1.01	20.77	33	Pass
Band2	20	1880	QPSK	1	LOW	22.95	28.09	5.14	13	-1.01	21.94	33	Pass
Band2	20	1880	QPSK	1	MID	22.94	26.84	3.9	13	-1.01	21.93	33	Pass
Band2	20	1880	QPSK	1	HIGH	23.06	28.06	5	13	-1.01	22.05	33	Pass
Band2	20	1880	16QAM	18	LOW	21.8	27.85	6.05	13	-1.01	20.79	33	Pass
Band2	20	1880	16QAM	9	LOW	21.8	27.78	5.98	13	-1.01	20.79	33	Pass
Band2	20	1880	16QAM	9	MID	21.81	27.8	5.99	13	-1.01	20.8	33	Pass
Band2	20	1880	16QAM	9	HIGH	22.05	27.71	5.66	13	-1.01	21.04	33	Pass
Band2	20	1880	16QAM	1	LOW	21.7	27.48	5.78	13	-1.01	20.69	33	Pass
Band2	20	1880	16QAM	1	MID	21.76	27.03	5.27	13	-1.01	20.75	33	Pass
Band2	20	1880	16QAM	1	HIGH	21.85	27.47	5.62	13	-1.01	20.84	33	Pass
Band2	20	1900	QPSK	100	LOW	21.91	28.09	6.18	13	-1.01	20.9	33	Pass
Band2	20	1900	QPSK	50	LOW	21.79	27.54	5.75	13	-1.01	20.78	33	Pass
Band2	20	1900	QPSK	50	MID	21.78	27.54	5.76	13	-1.01	20.77	33	Pass
Band2	20	1900	QPSK	50	HIGH	21.96	27.58	5.62	13	-1.01	20.95	33	Pass
Band2	20	1900	QPSK	1	LOW	22.87	28.16	5.29	13	-1.01	21.86	33	Pass
Band2	20	1900	QPSK	1	MID	22.91	27.05	4.14	13	-1.01	21.9	33	Pass
Band2	20	1900	QPSK	1	HIGH	22.99	27.78	4.79	13	-1.01	21.98	33	Pass
Band2	20	1900	16QAM	18	LOW	21.98	27.61	5.63	13	-1.01	20.97	33	Pass
Band2	20	1900	16QAM	18	HIGH	22.14	27.93	5.79	13	-1.01	21.13	33	Pass
Band2	20	1900	16QAM	9	LOW	22.04	27.77	5.73	13	-1.01	21.03	33	Pass
Band2	20	1900	16QAM	9	MID	22.04	27.78	5.74	13	-1.01	21.03	33	Pass
Band2	20	1900	16QAM	9	HIGH	22.17	27.89	5.72	13	-1.01	21.16	33	Pass
Band2	20	1900	16QAM	1	LOW	22.66	27.91	5.25	13	-1.01	21.65	33	Pass
Band2	20	1900	16QAM	1	MID	22.64	27.08	4.44	13	-1.01	21.63	33	Pass
Band2	20	1900	16QAM	1	HIGH	22.71	28.47	5.76	13	-1.01	21.7	33	Pass
Band2	10	1905	16QAM	12	HIGH	22.05	27.77	5.72	13	-1.01	21.04	33	Pass
Band2	15	1902.5	16QAM	16	HIGH	22.19	27.98	5.79	13	-1.01	21.18	33	Pass