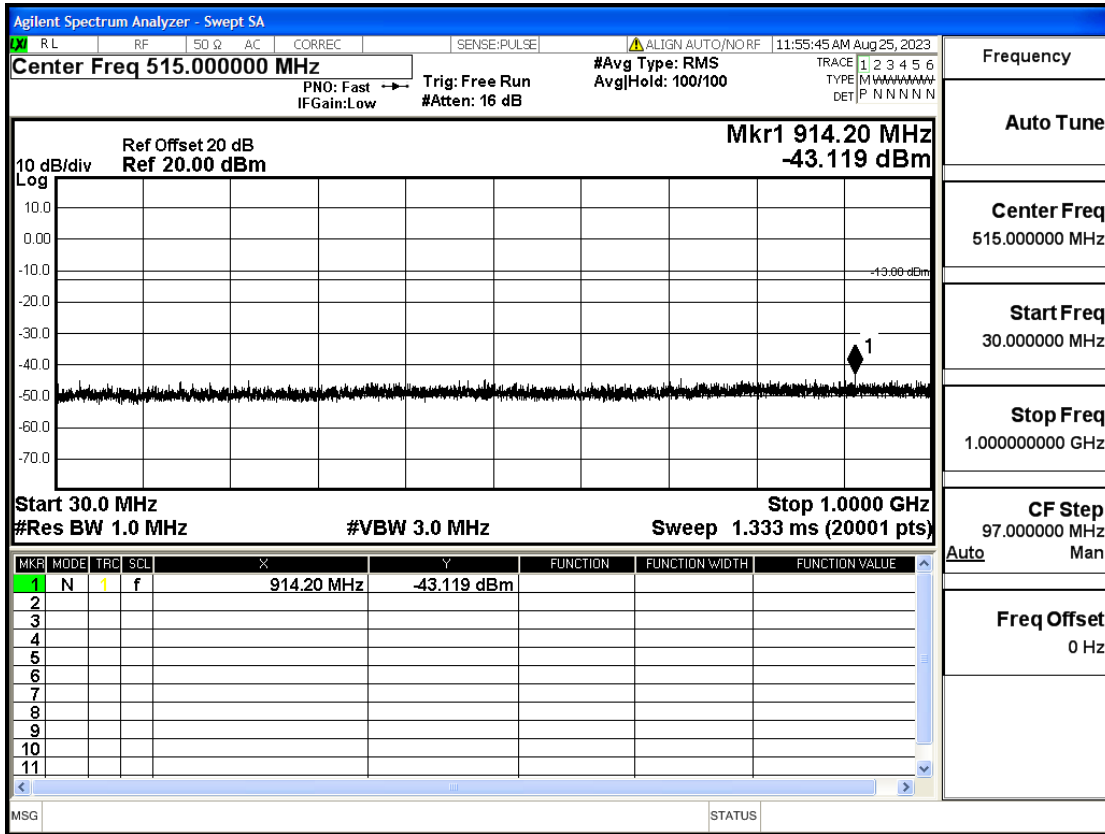
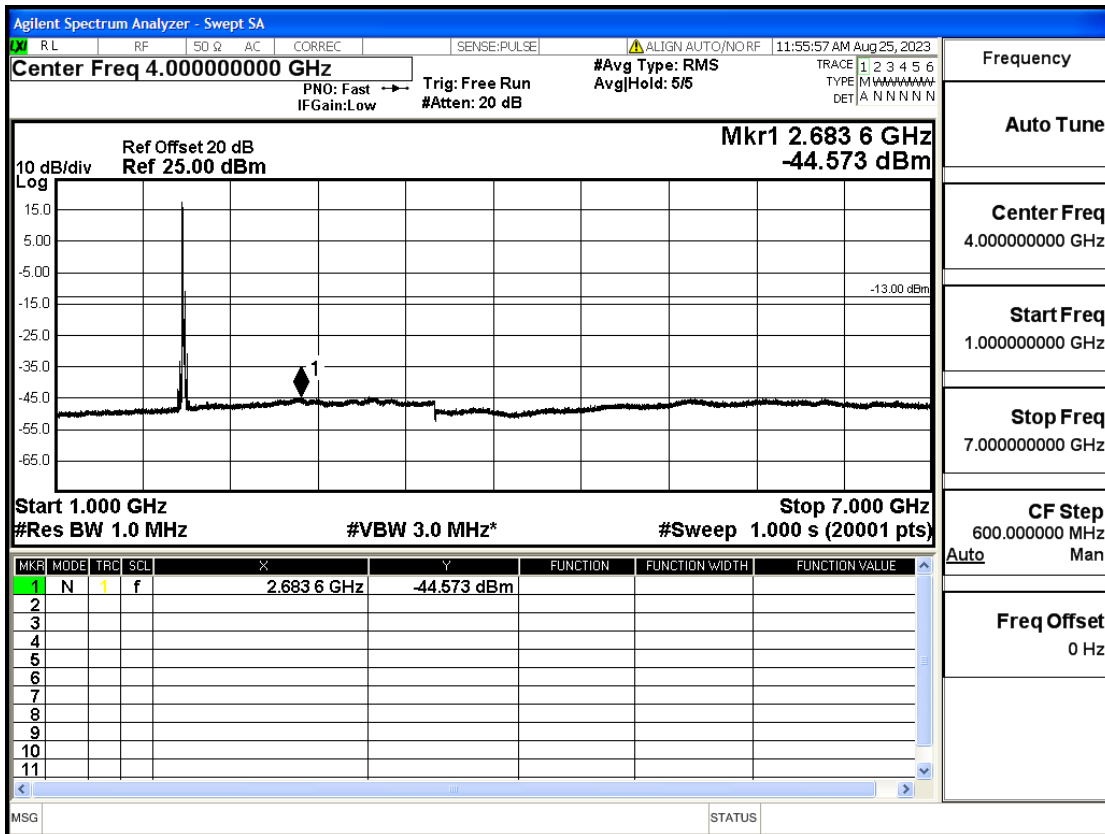


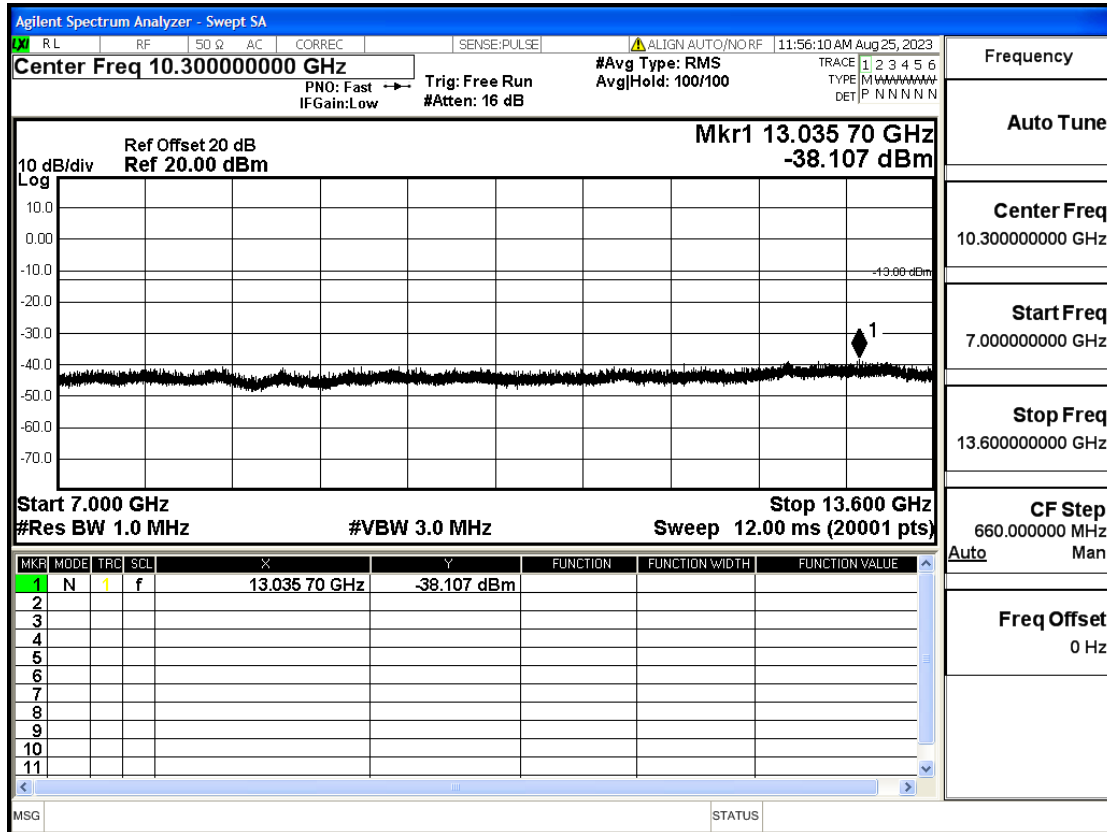
OB2-20-1880-QPSK-1#LOW@30mHz-1GHz@Pass



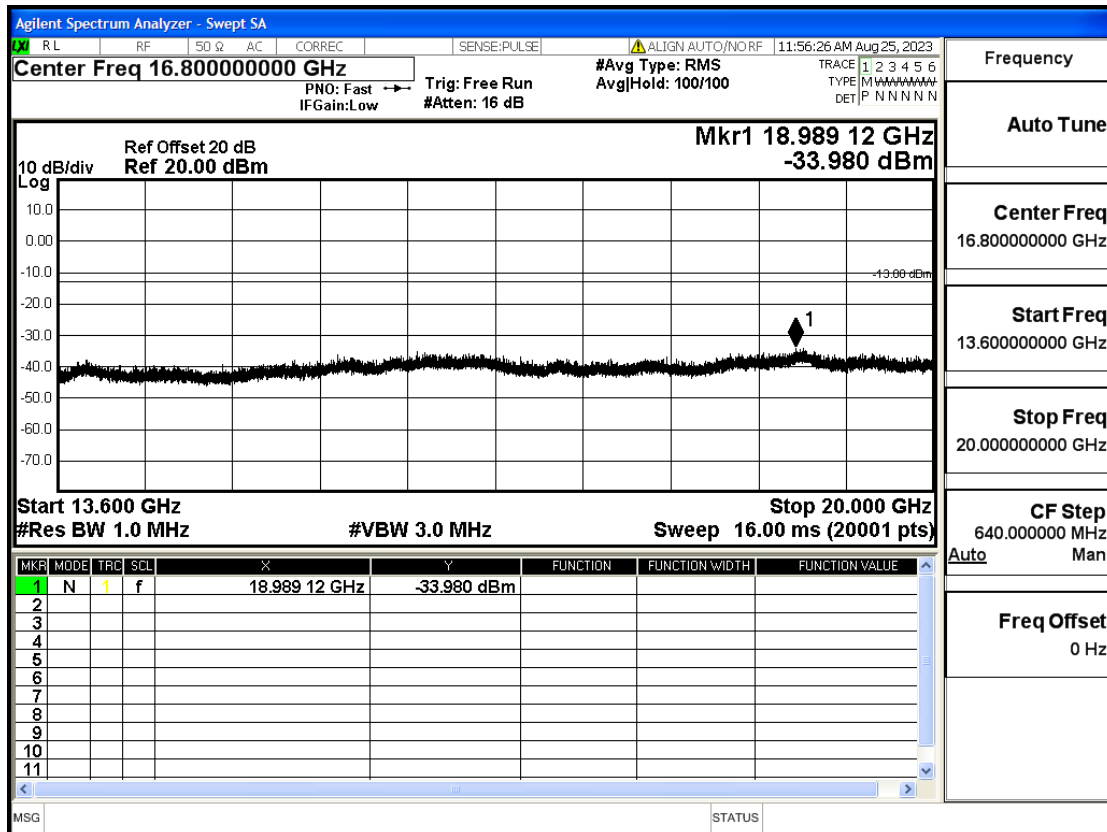
OB2-20-1880-QPSK-1#LOW@1GHz-7GHz@Pass



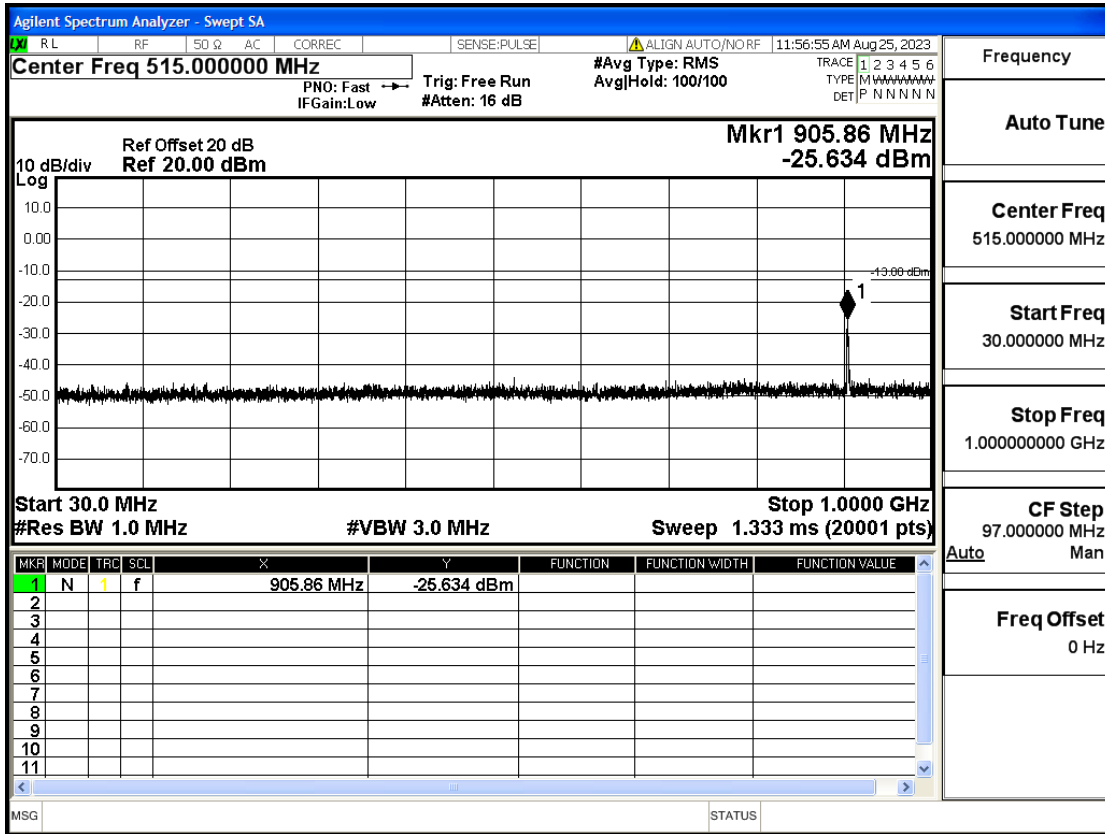
OB2-20-1880-QPSK-1#LOW@7GHz-13.6GHz@Pass



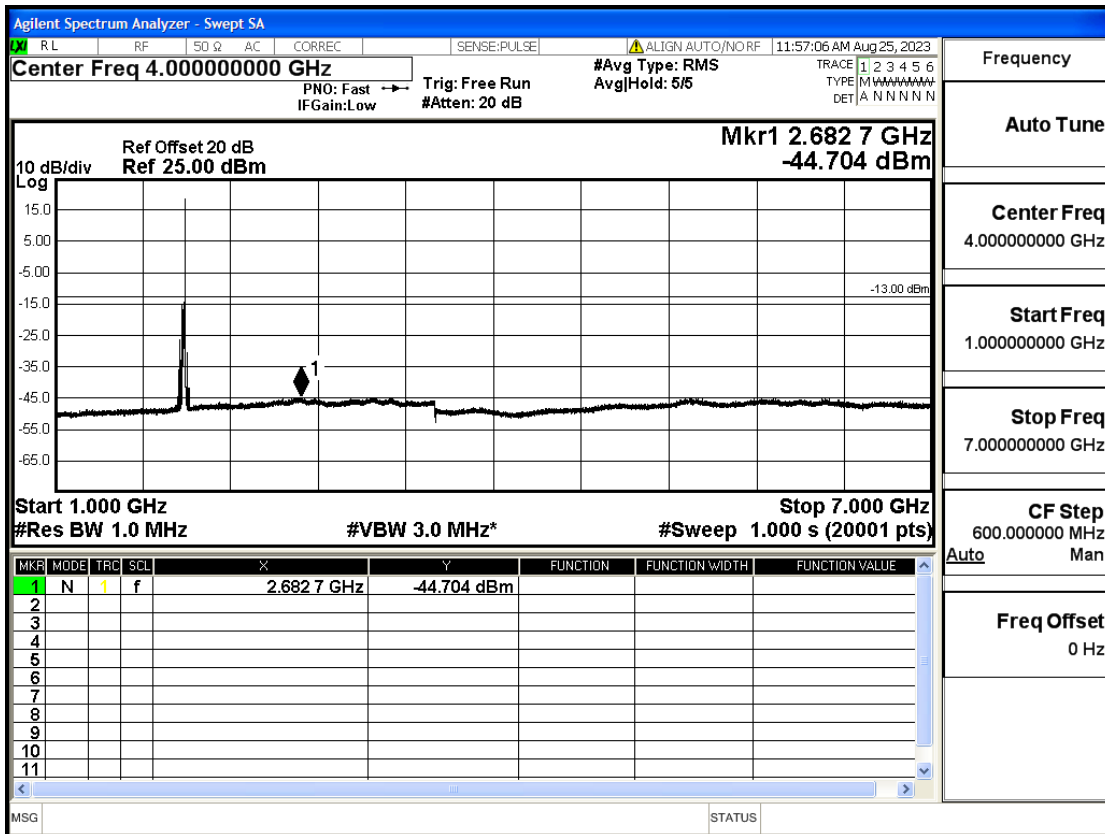
OB2-20-1880-QPSK-1#LOW@13.6GHz-20GHz@Pass



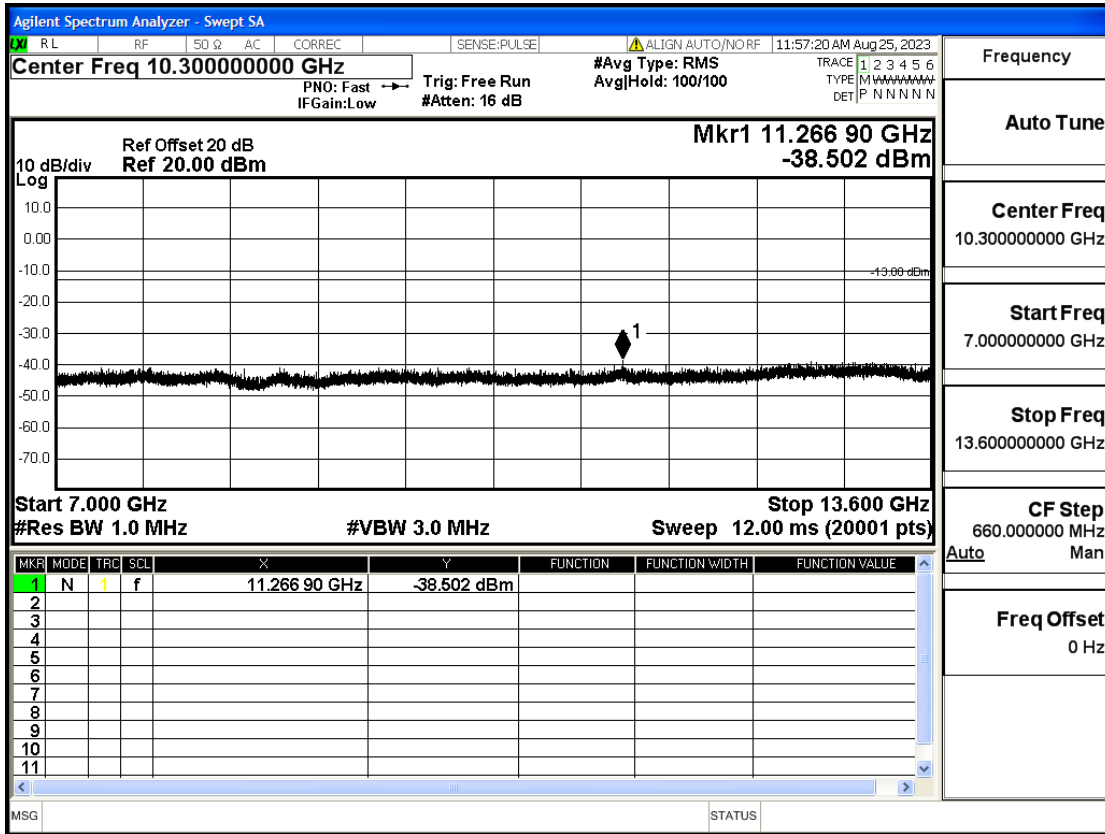
OB2-20-1880-QPSK-1#HIGH@30mHz-1GHz@Pass



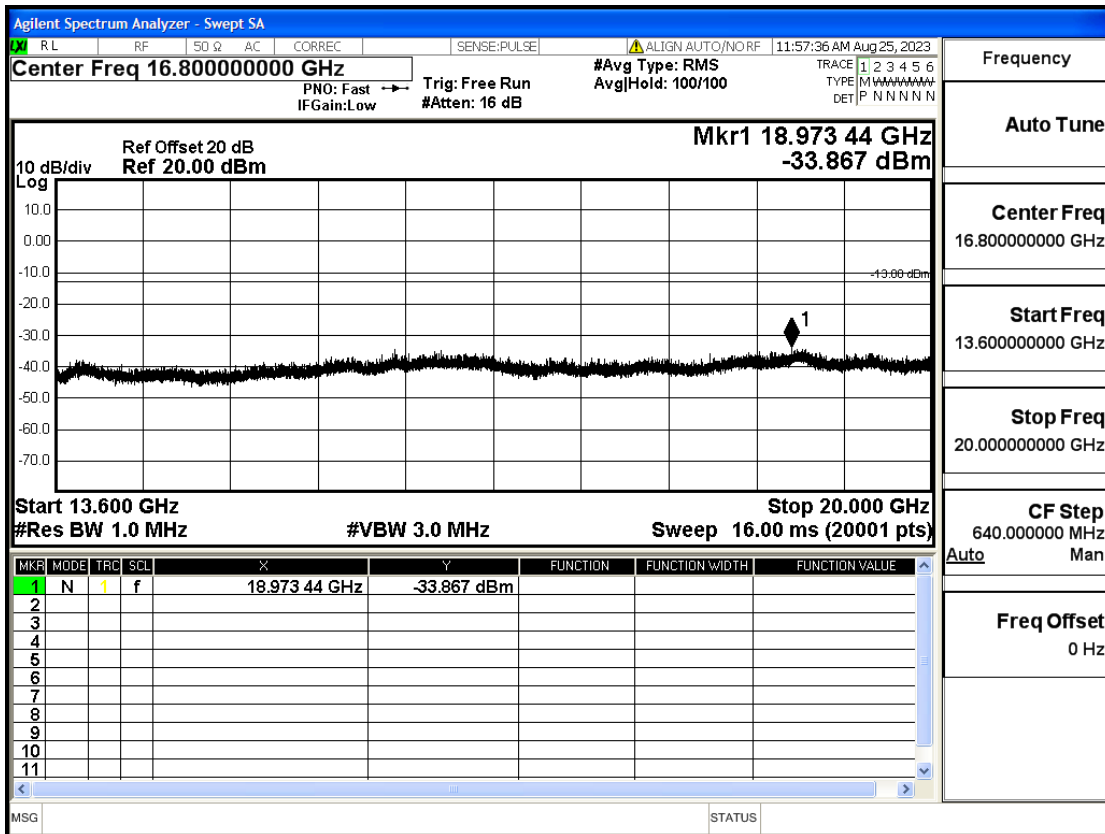
OB2-20-1880-QPSK-1#HIGH@1GHz-7GHz@Pass



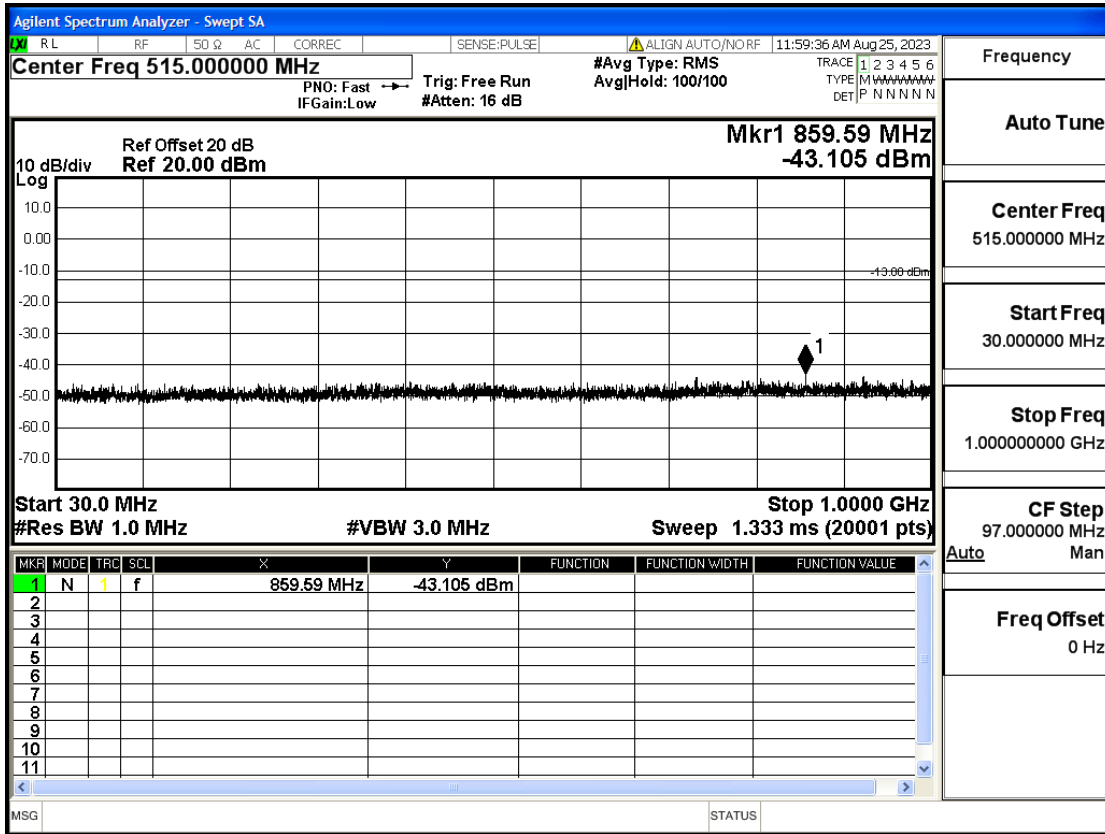
OB2-20-1880-QPSK-1#HIGH@7GHz-13.6GHz@Pass



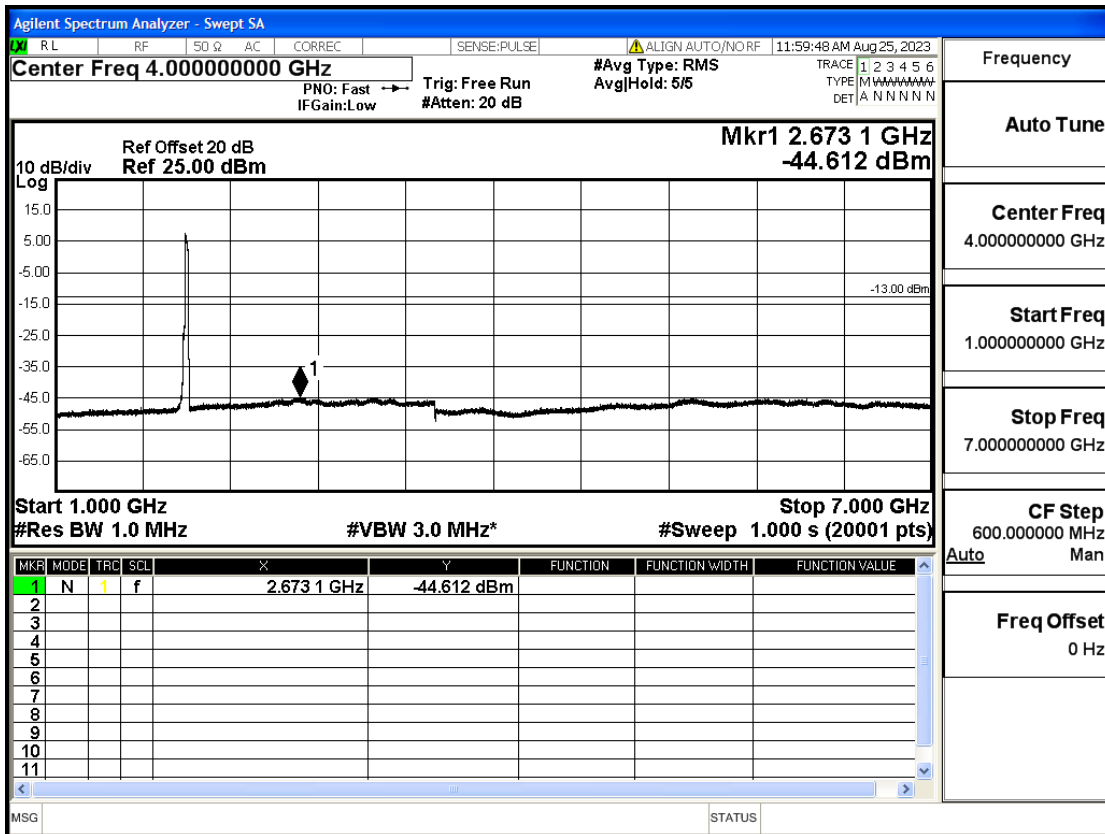
OB2-20-1880-QPSK-1#HIGH@13.6GHz-20GHz@Pass



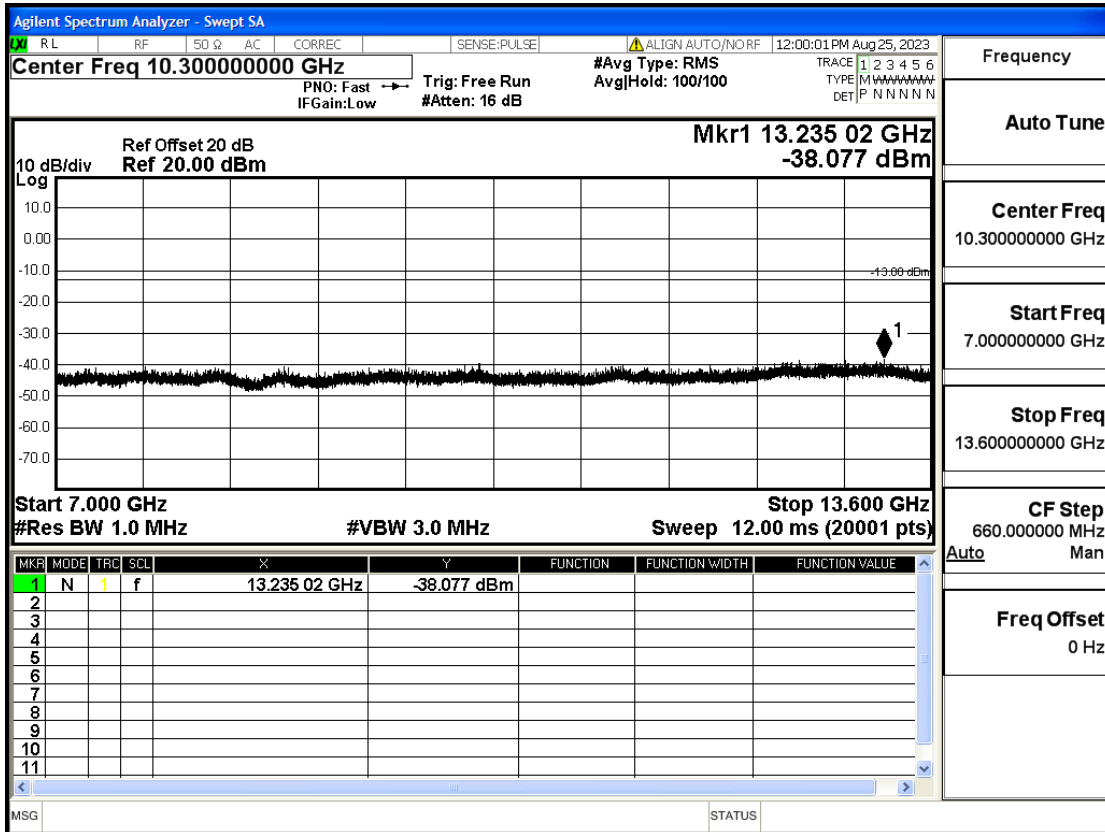
OB2-20-1900-QPSK-100#LOW@30mHz-1GHz@Pass



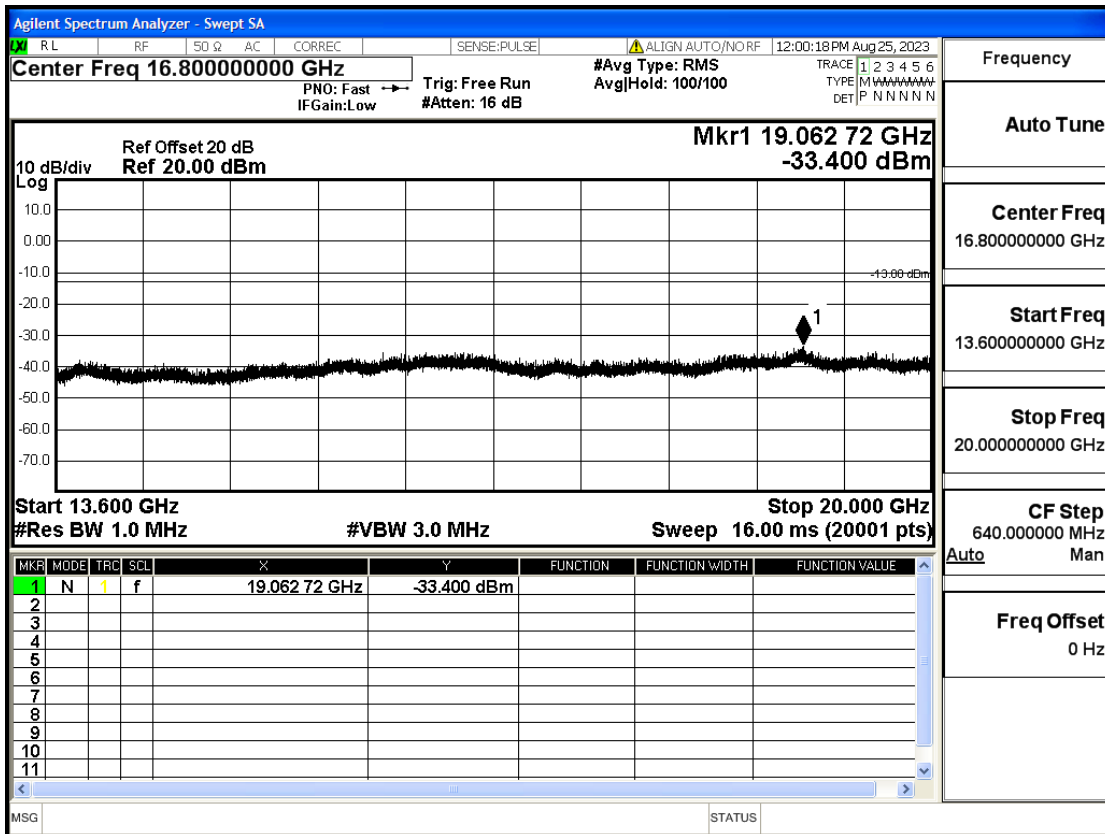
OB2-20-1900-QPSK-100#LOW@1GHz-7GHz@Pass



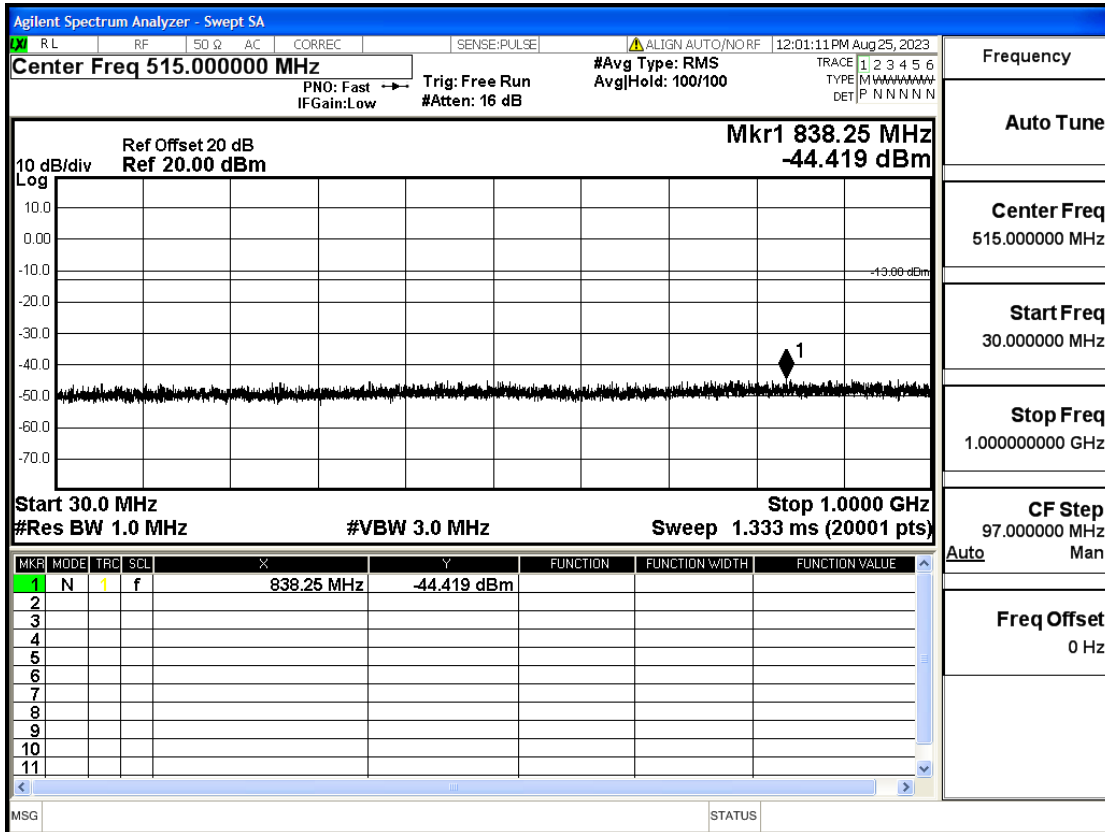
OB2-20-1900-QPSK-100#LOW@7GHz-13.6GHz@Pass



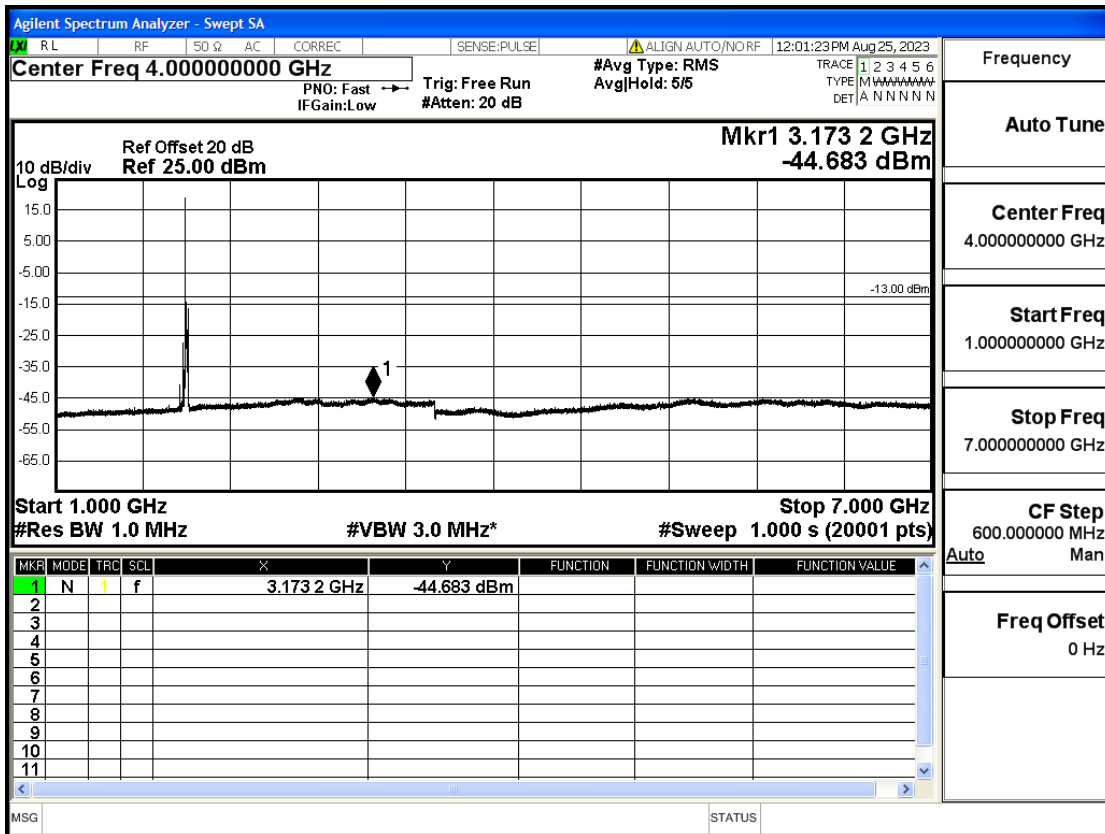
OB2-20-1900-QPSK-100#LOW@13.6GHz-20GHz@Pass



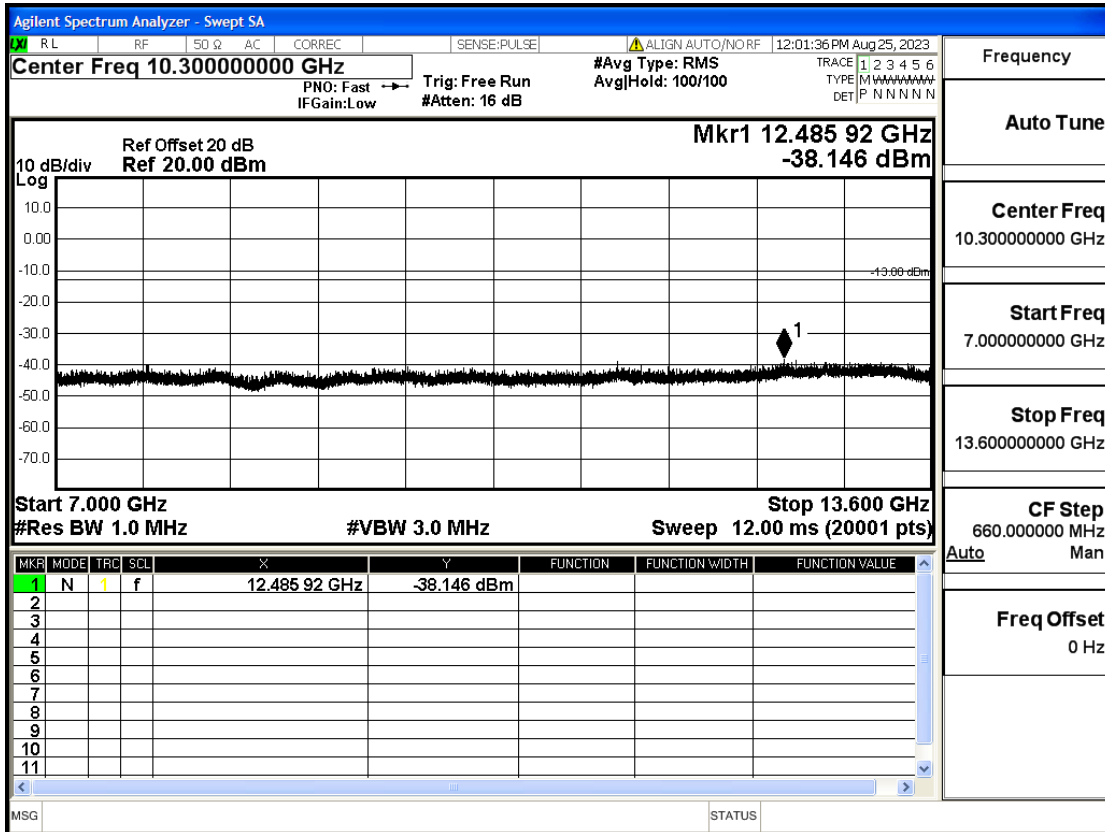
OB2-20-1900-QPSK-1#LOW@30mHz-1GHz@Pass



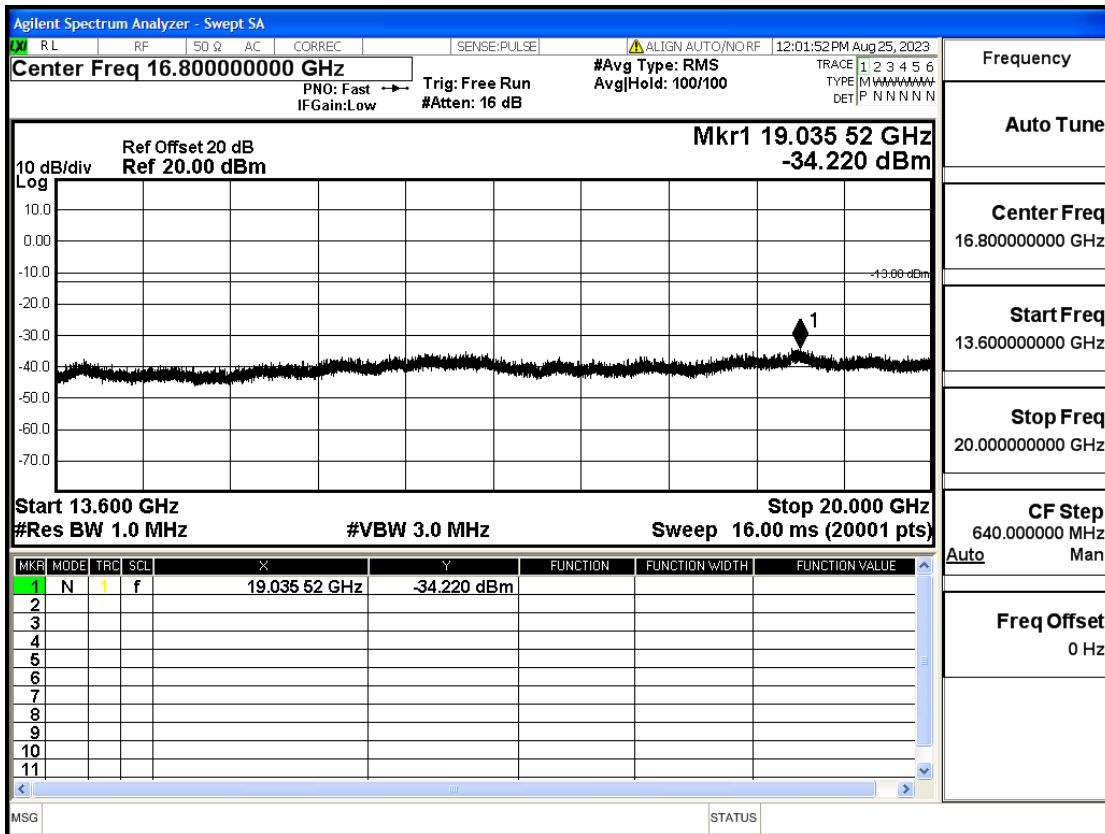
OB2-20-1900-QPSK-1#LOW@1GHz-7GHz@Pass



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

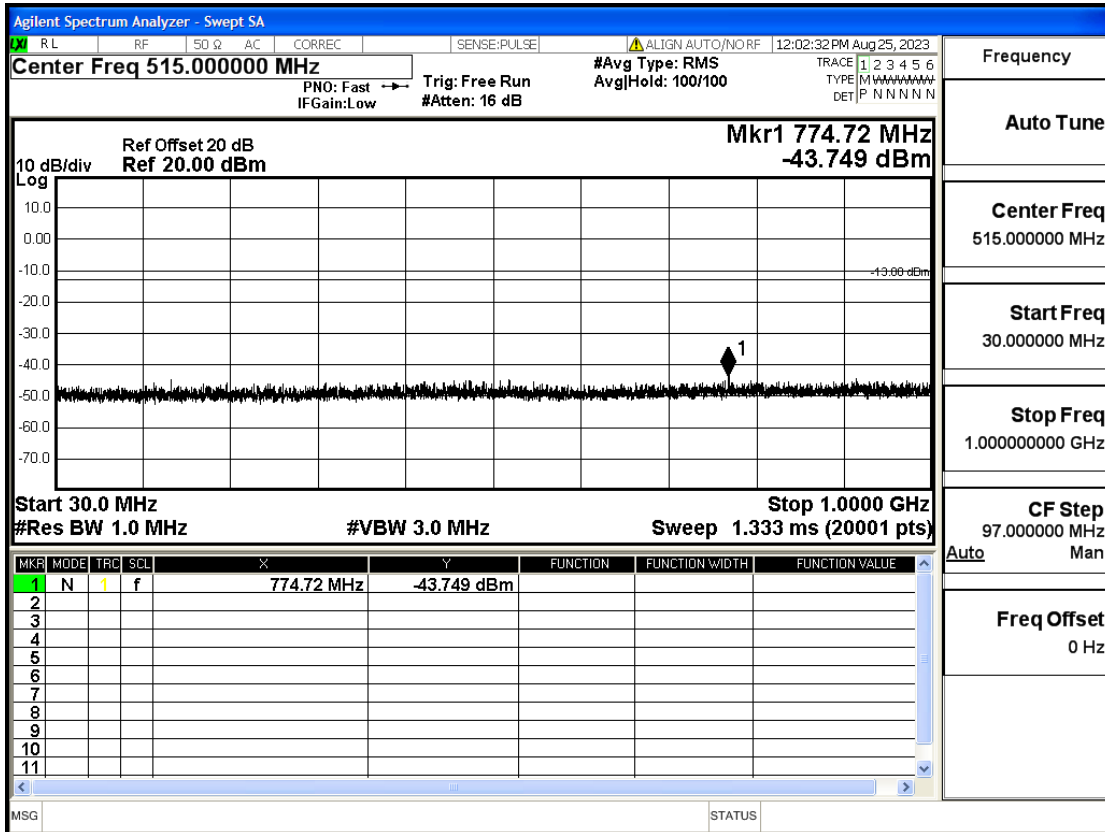


OB2-20-1900-QPSK-1#LOW@13.6GHz-20GHz@Pass

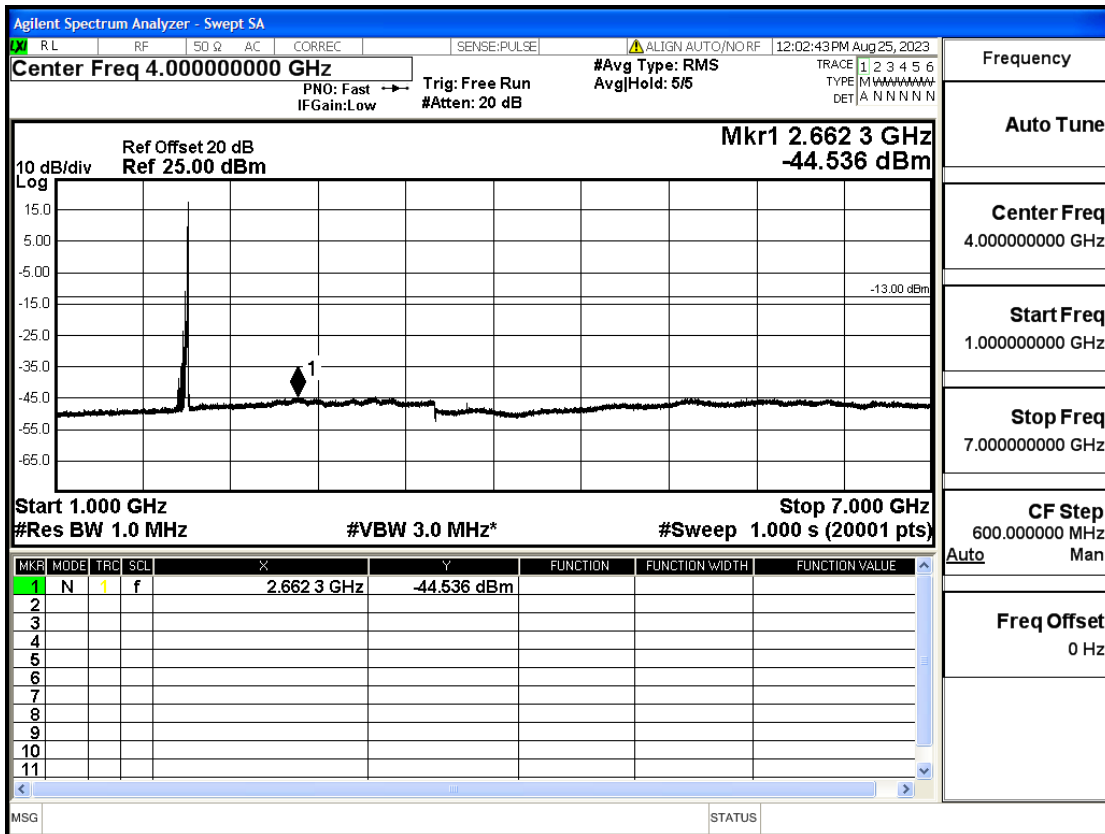




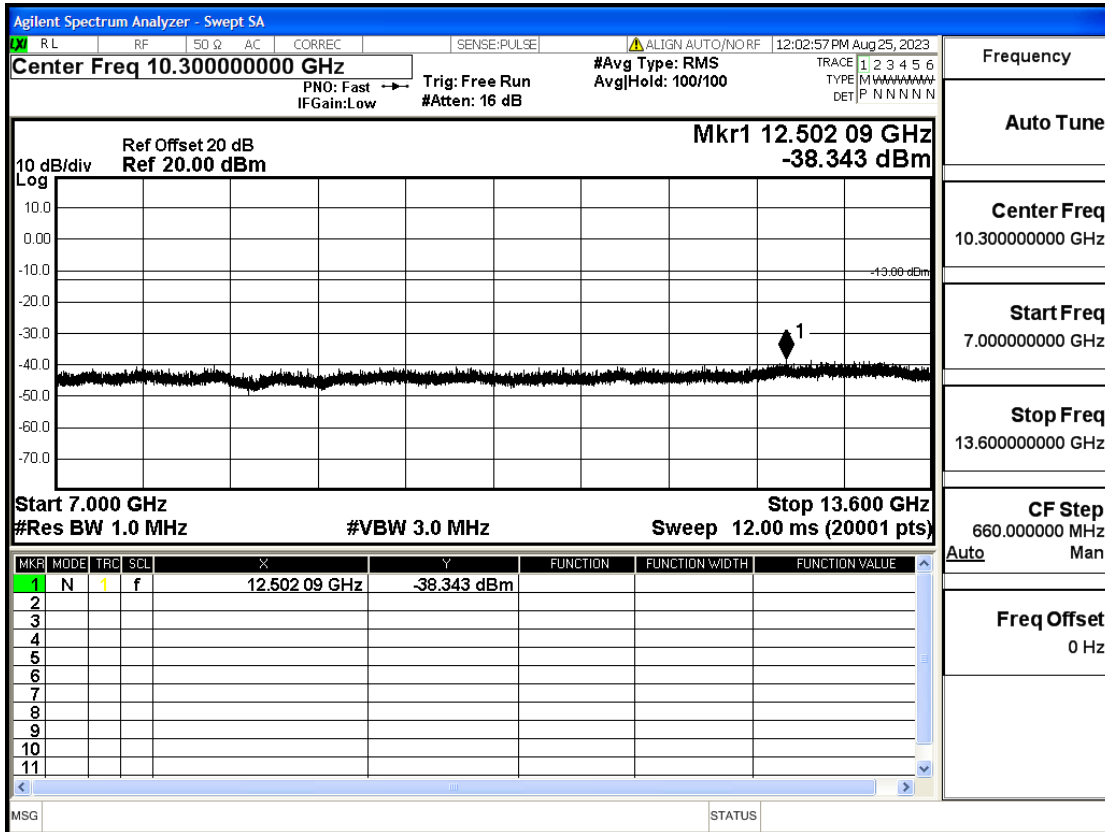
OB2-20-1900-QPSK-1#HIGH@30mHz-1GHz@Pass



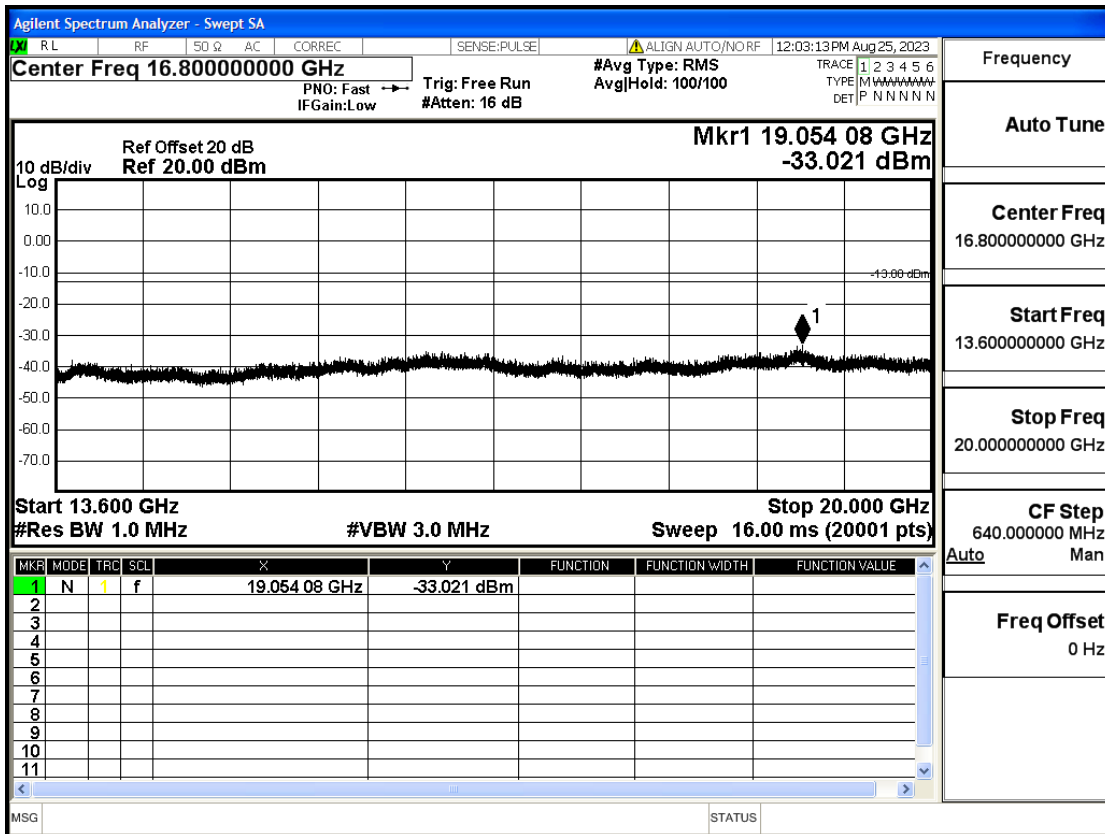
OB2-20-1900-QPSK-1#HIGH@1GHz-7GHz@Pass



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



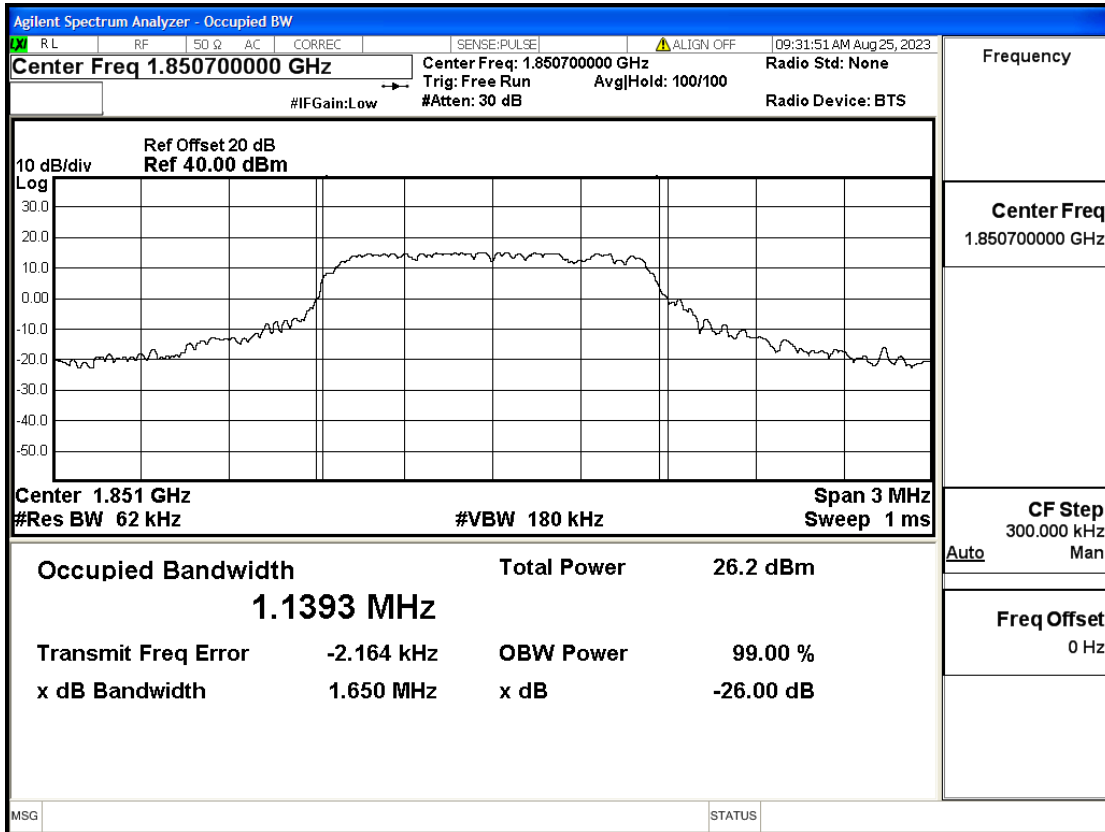
OB2-20-1900-QPSK-1#HIGH@13.6GHz-20GHz@Pass



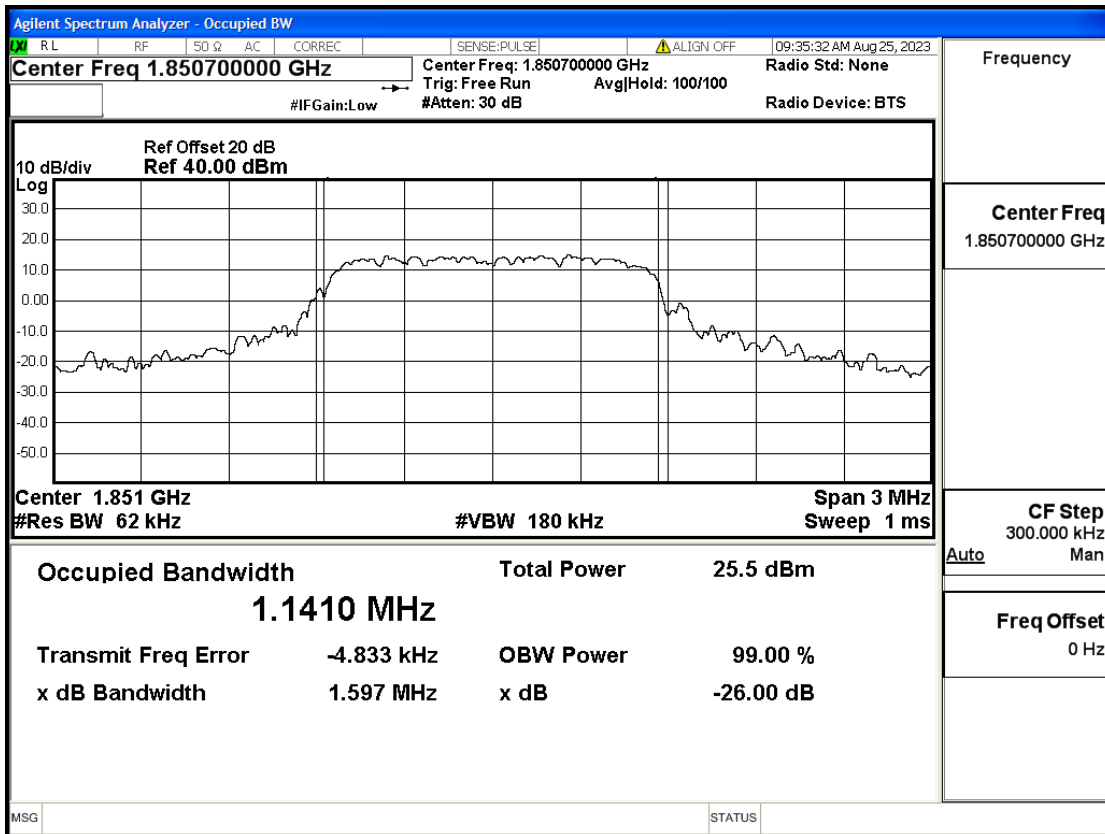
## Emission bandwidth and OBW

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	1139.3	1650	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1141	1597	No limit
Band2	1.4	1880	QPSK	6	LOW	1122.1	1531	No limit
Band2	1.4	1880	16QAM	6	LOW	1120.2	1596	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1135.8	1586	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1132	1589	No limit
Band2	3	1851.5	QPSK	15	LOW	2756.8	3464	No limit
Band2	3	1851.5	16QAM	15	LOW	2752.4	3372	No limit
Band2	3	1880	QPSK	15	LOW	2737.9	3376	No limit
Band2	3	1880	16QAM	15	LOW	2734	3234	No limit
Band2	3	1908.5	QPSK	15	LOW	2748.5	3337	No limit
Band2	3	1908.5	16QAM	15	LOW	2744.7	3327	No limit
Band2	5	1852.5	QPSK	25	LOW	4564.7	5155	No limit
Band2	5	1852.5	16QAM	25	LOW	4582	5259	No limit
Band2	5	1880	QPSK	25	LOW	4546.2	5239	No limit
Band2	5	1880	16QAM	25	LOW	4538.1	5178	No limit
Band2	5	1907.5	QPSK	25	LOW	4555.9	5219	No limit
Band2	5	1907.5	16QAM	25	LOW	4559	5109	No limit
Band2	10	1855	QPSK	50	LOW	9068.1	9935	No limit
Band2	10	1855	16QAM	12	LOW	3989.9	6451	No limit
Band2	10	1880	QPSK	50	LOW	9046.8	9915	No limit
Band2	10	1880	16QAM	12	LOW	4350.9	8474	No limit
Band2	10	1905	QPSK	50	LOW	9058.6	9885	No limit
Band2	10	1905	16QAM	12	LOW	3847.3	7953	No limit
Band2	15	1857.5	QPSK	75	LOW	13722	17070	No limit
Band2	15	1857.5	16QAM	16	LOW	5486.6	10750	No limit
Band2	15	1880	QPSK	75	LOW	13762	17330	No limit
Band2	15	1880	16QAM	16	LOW	6558.9	15360	No limit
Band2	15	1902.5	QPSK	75	LOW	13786	17490	No limit
Band2	15	1902.5	16QAM	16	LOW	5146.3	9119	No limit
Band2	20	1860	QPSK	100	LOW	18205	21390	No limit
Band2	20	1860	16QAM	18	LOW	6653.4	12490	No limit
Band2	20	1880	QPSK	100	LOW	18296	21590	No limit
Band2	20	1880	16QAM	18	LOW	10125	19820	No limit
Band2	20	1900	QPSK	100	LOW	18291	21350	No limit
Band2	20	1900	16QAM	18	LOW	6402.6	11480	No limit

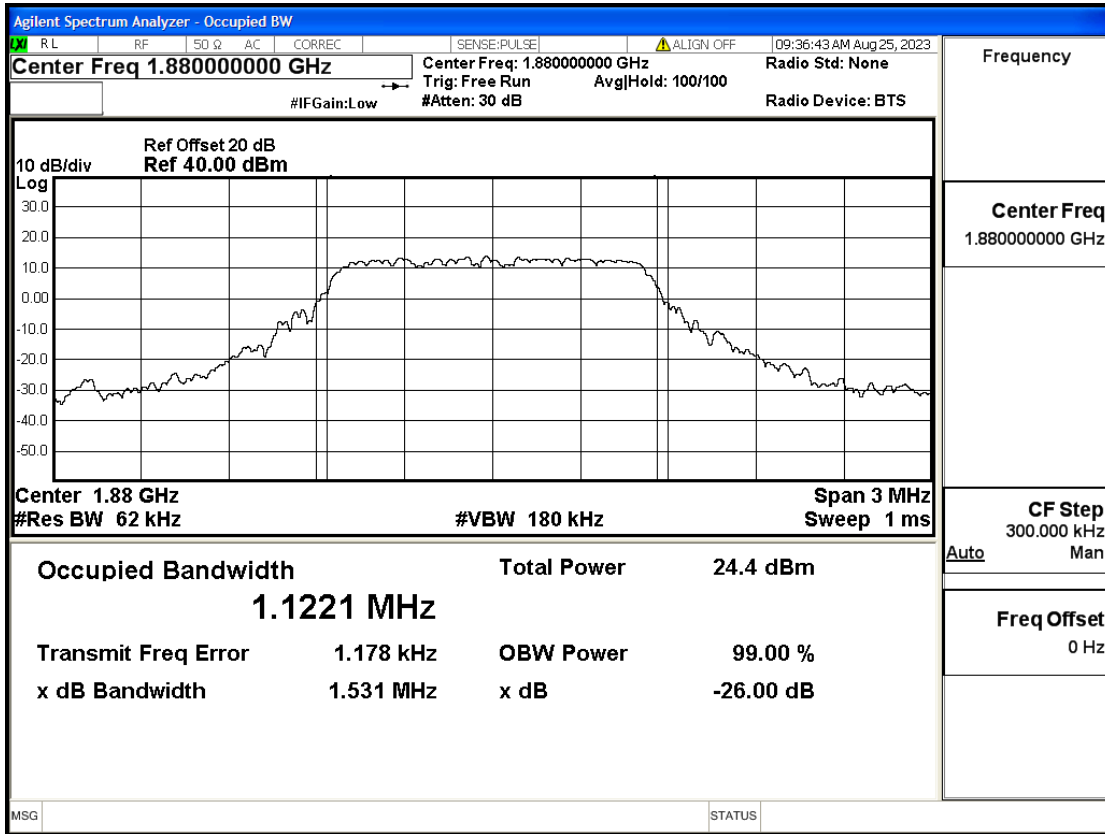
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



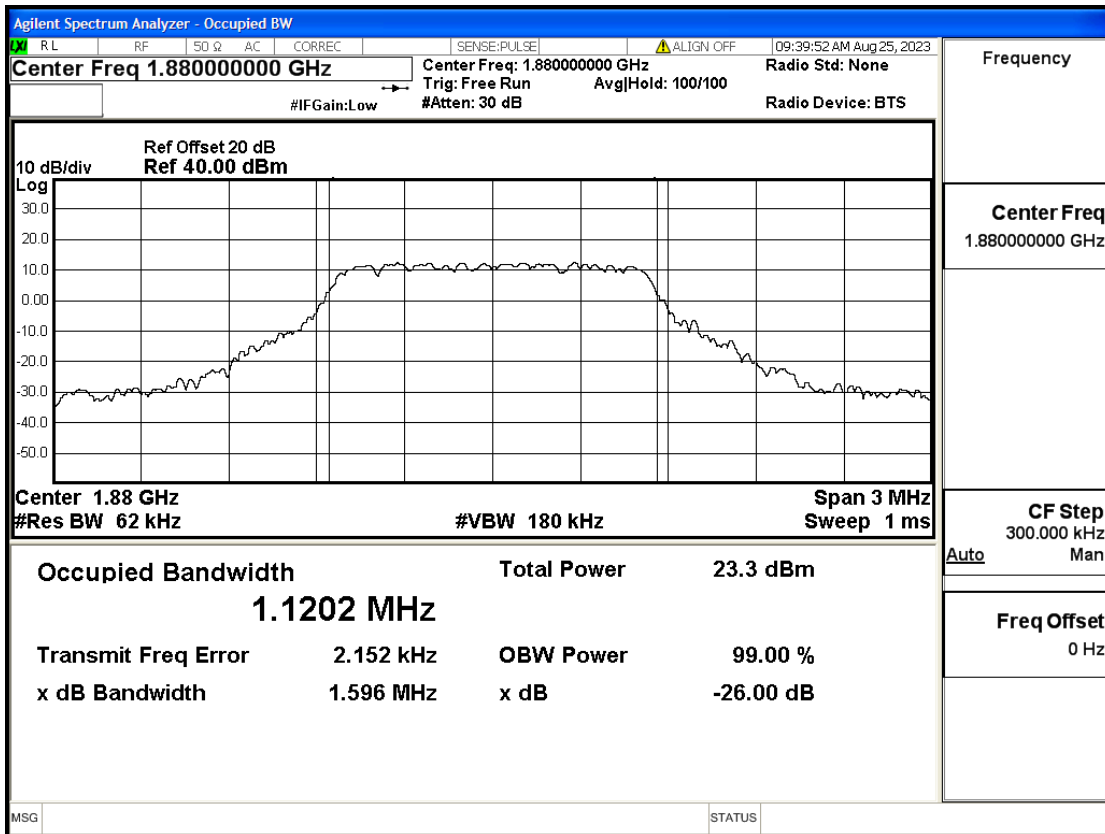
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



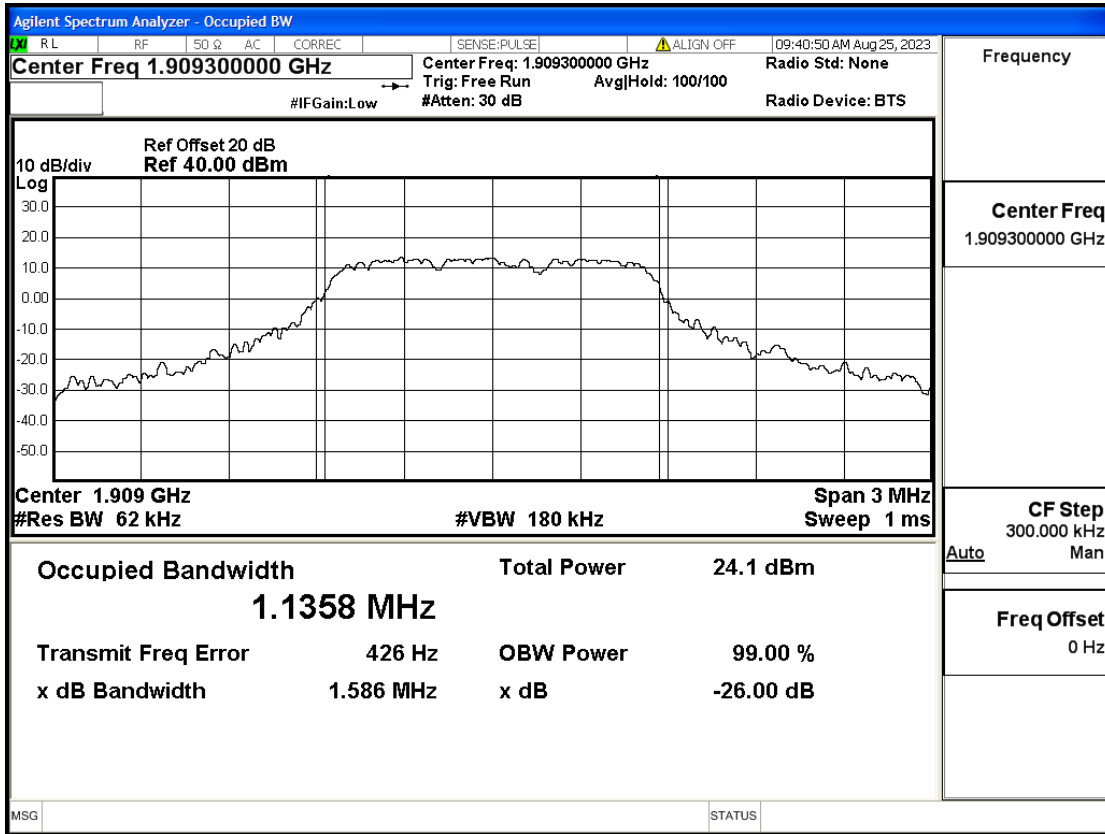
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



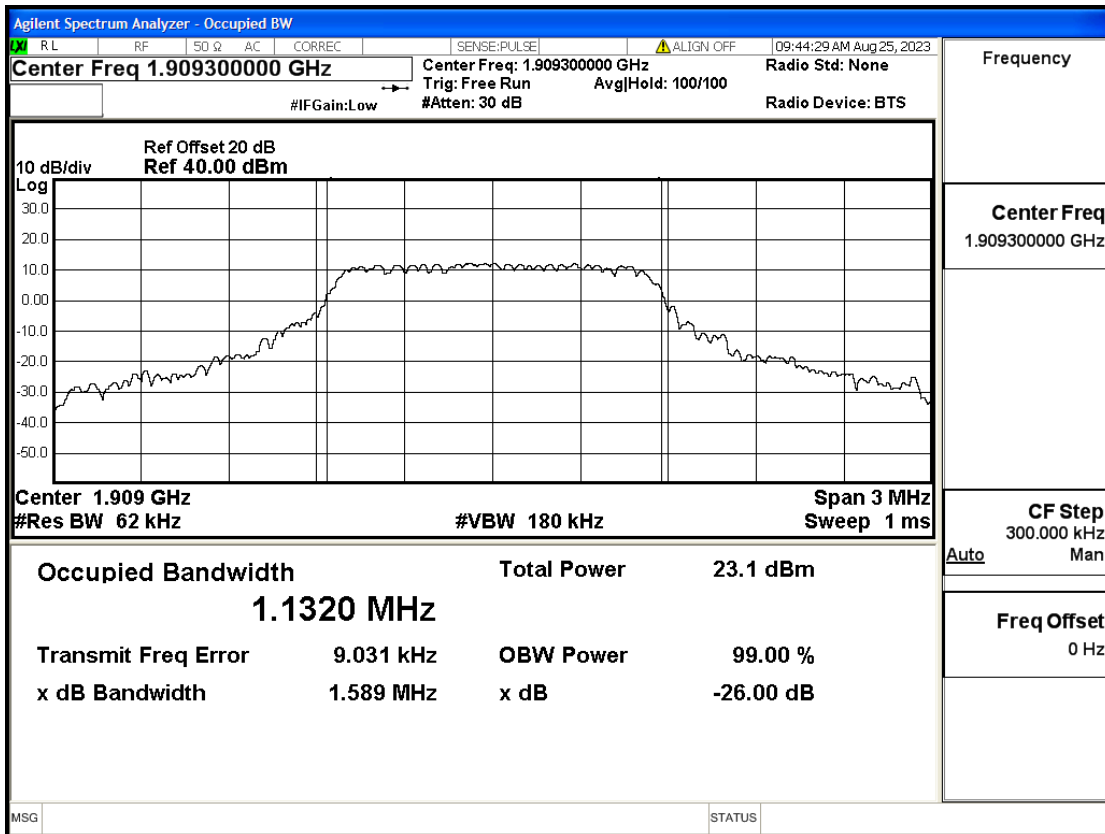
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



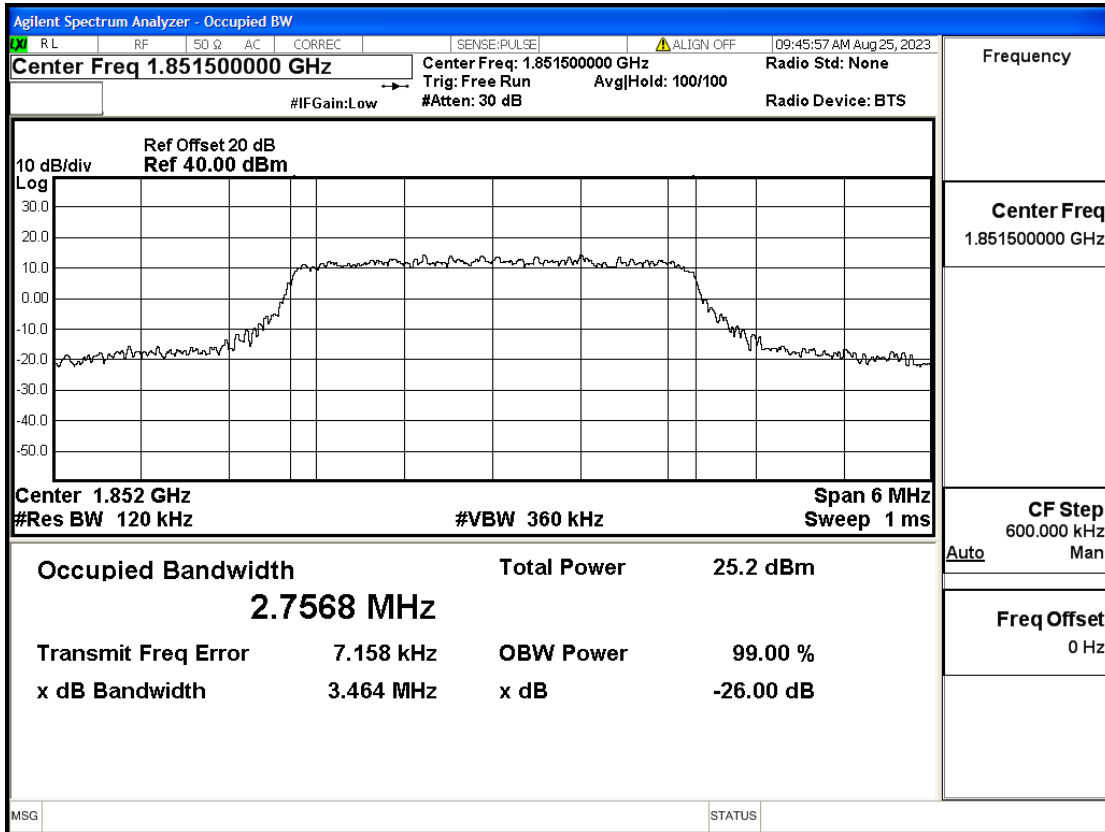
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



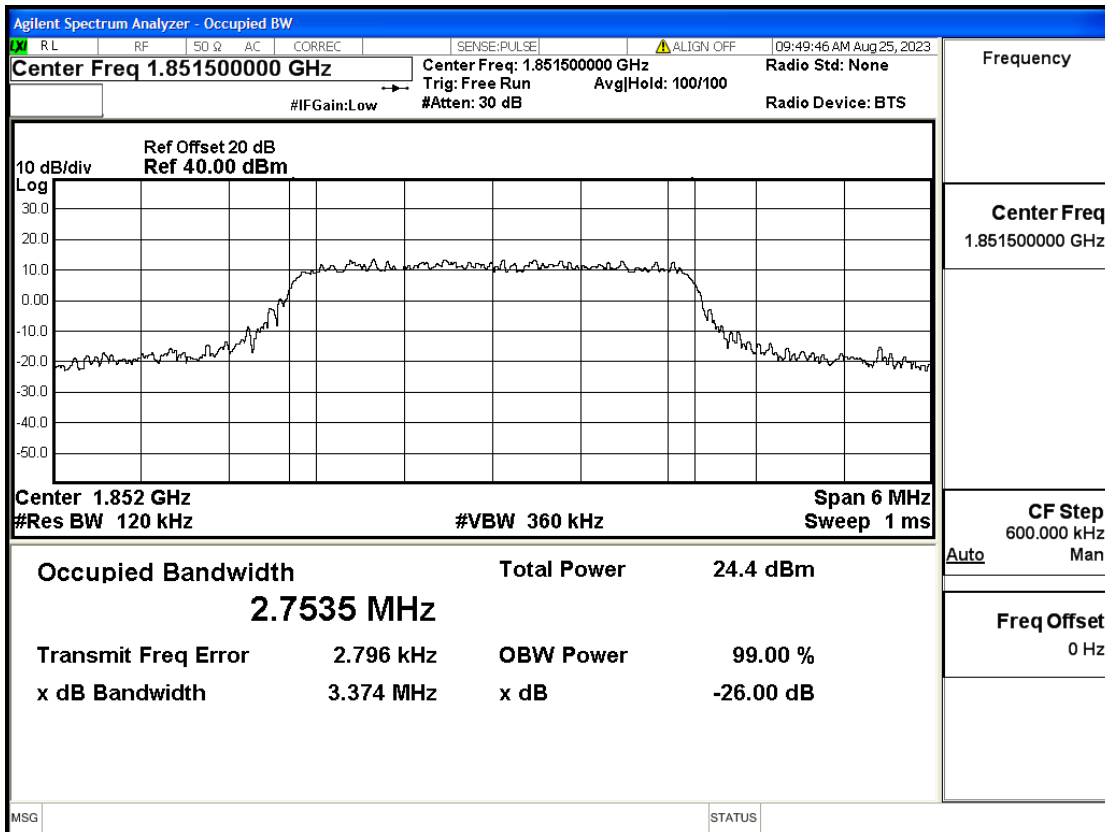
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



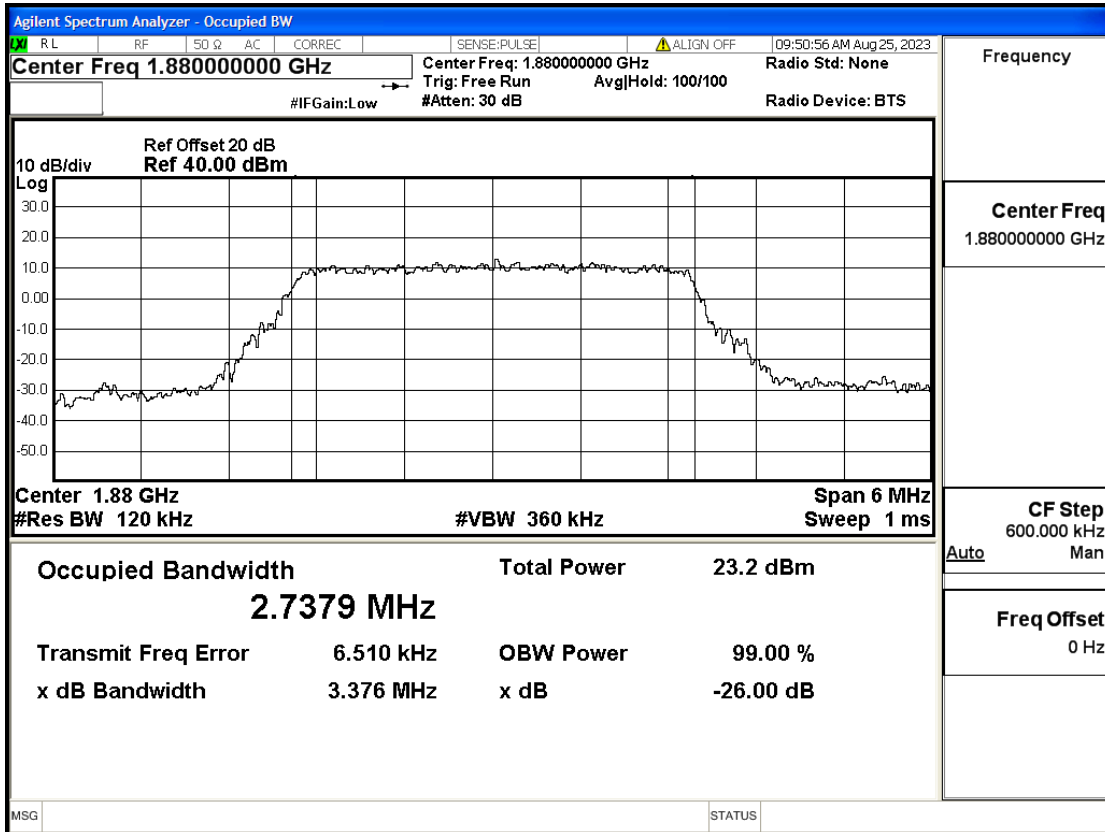
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



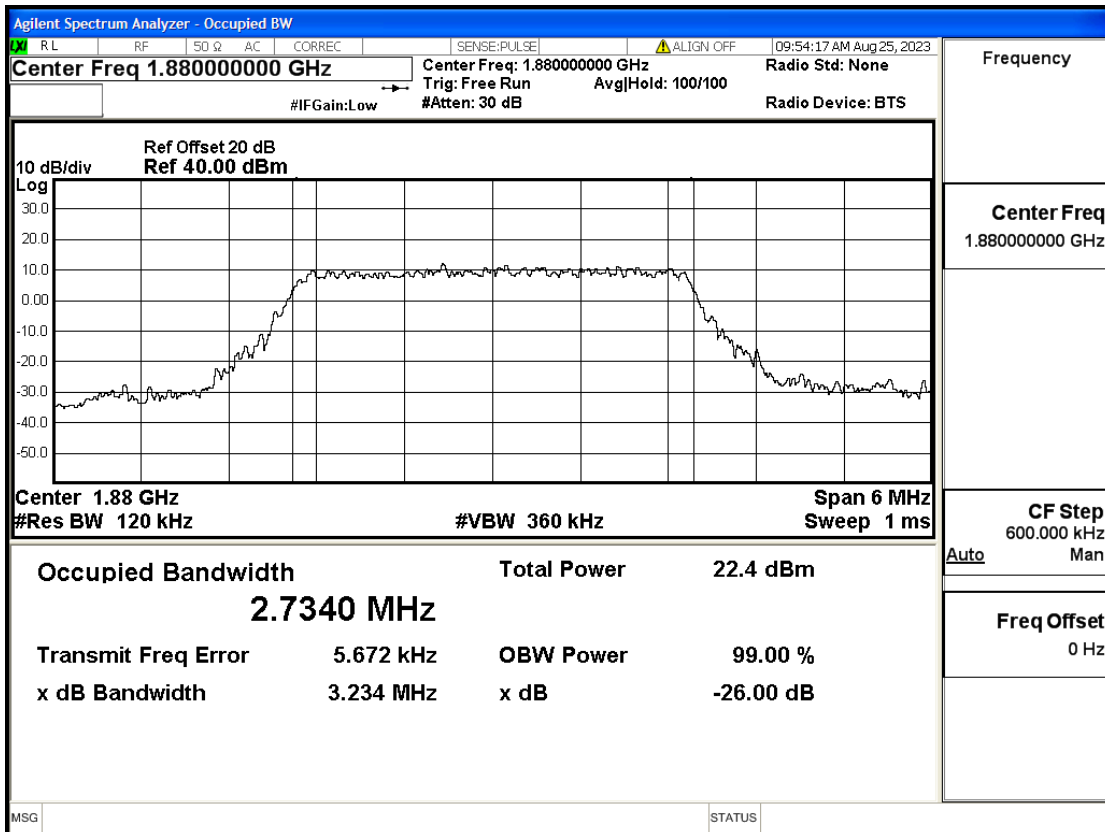
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



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

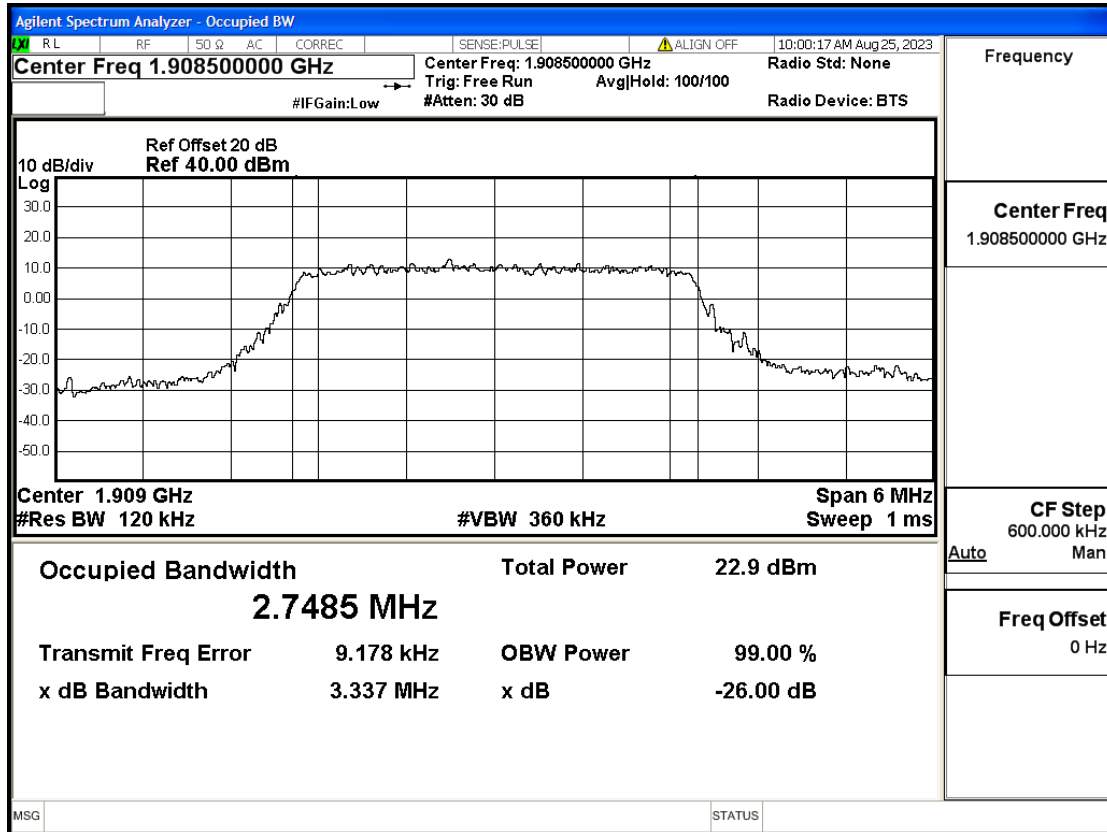


Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth

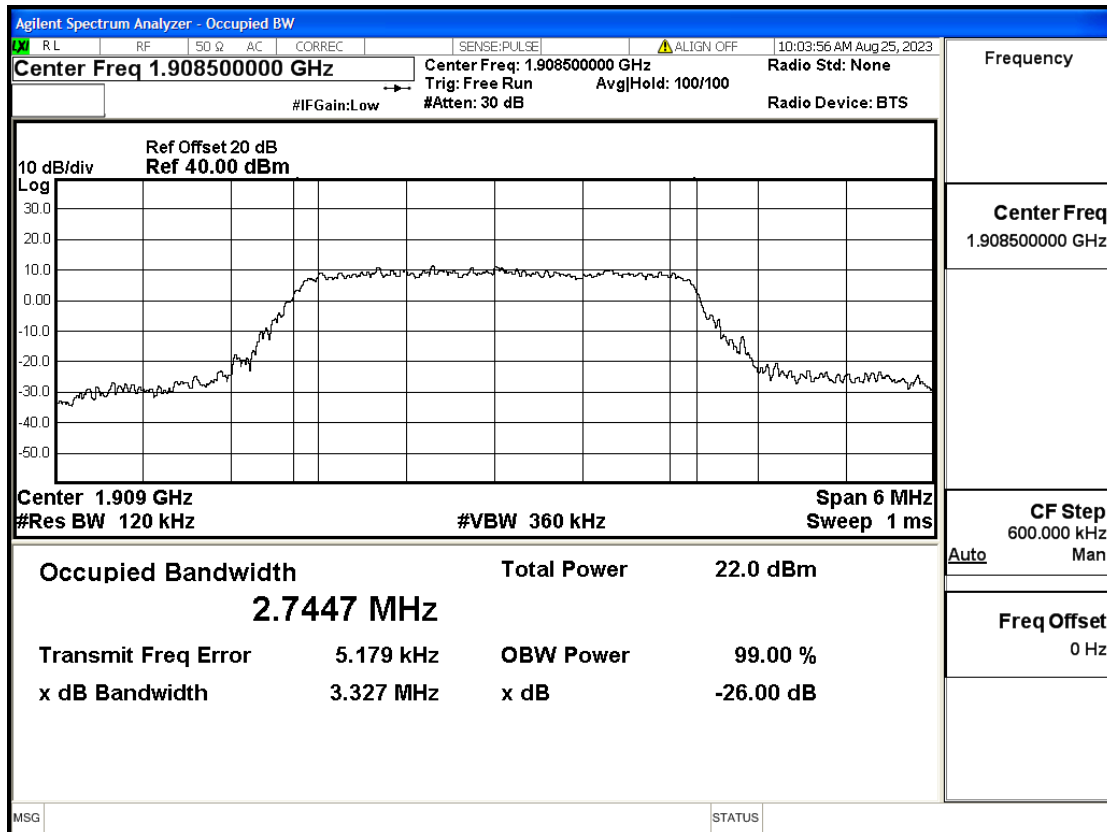




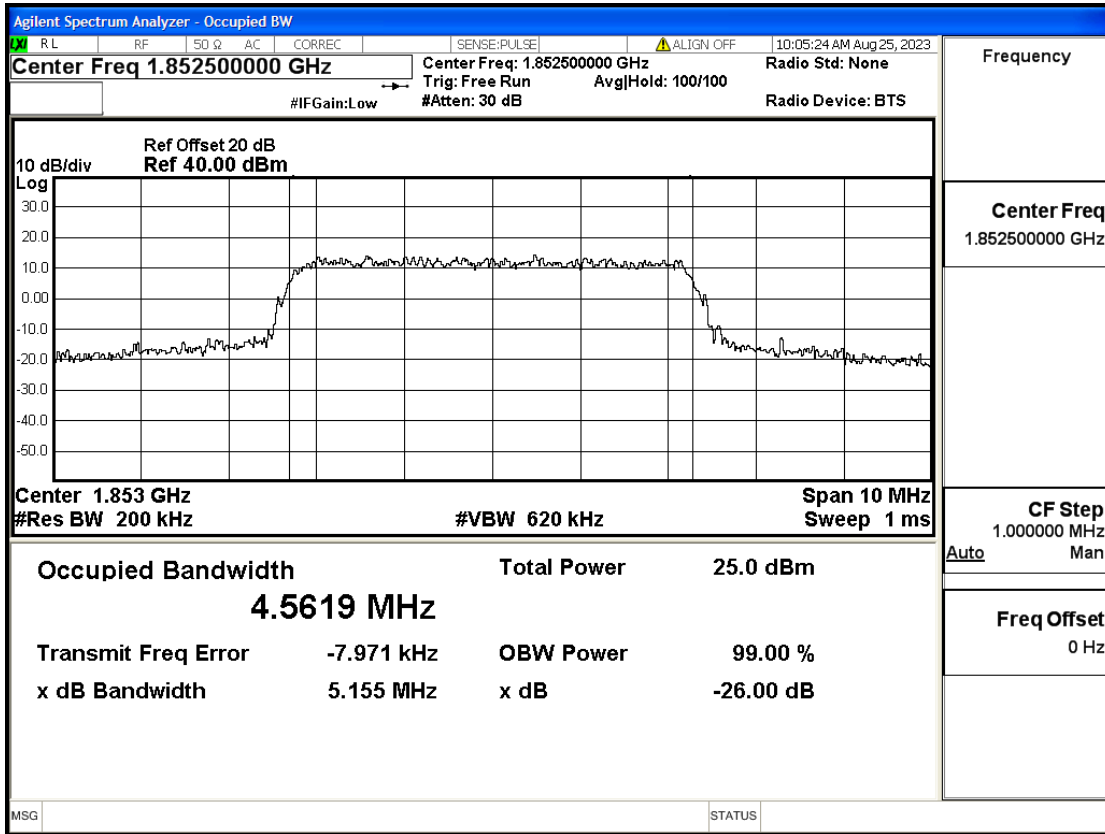
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



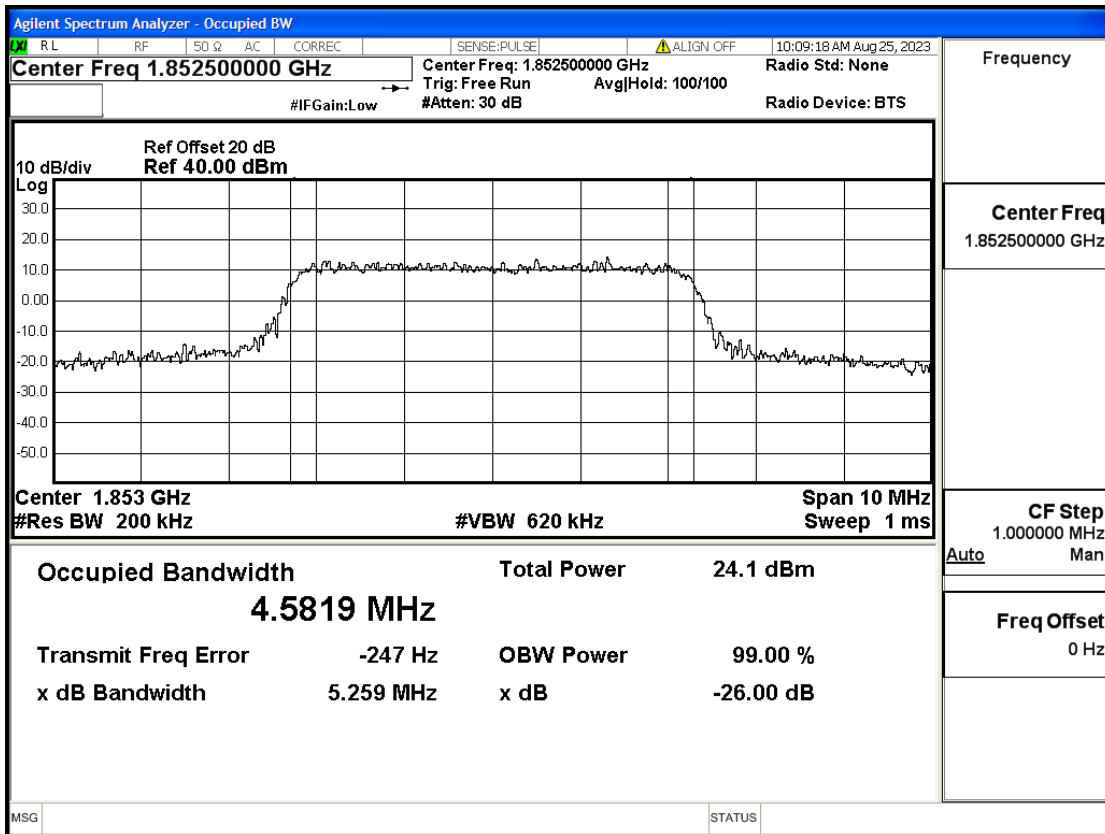
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



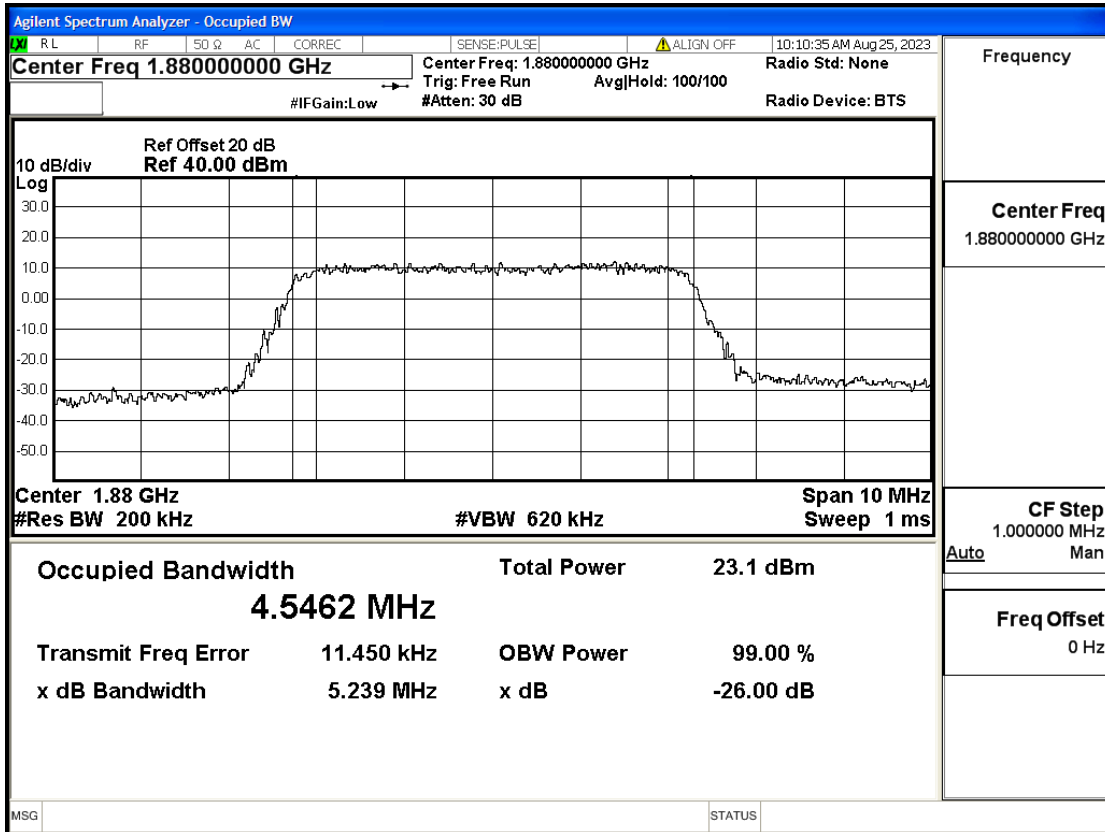
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



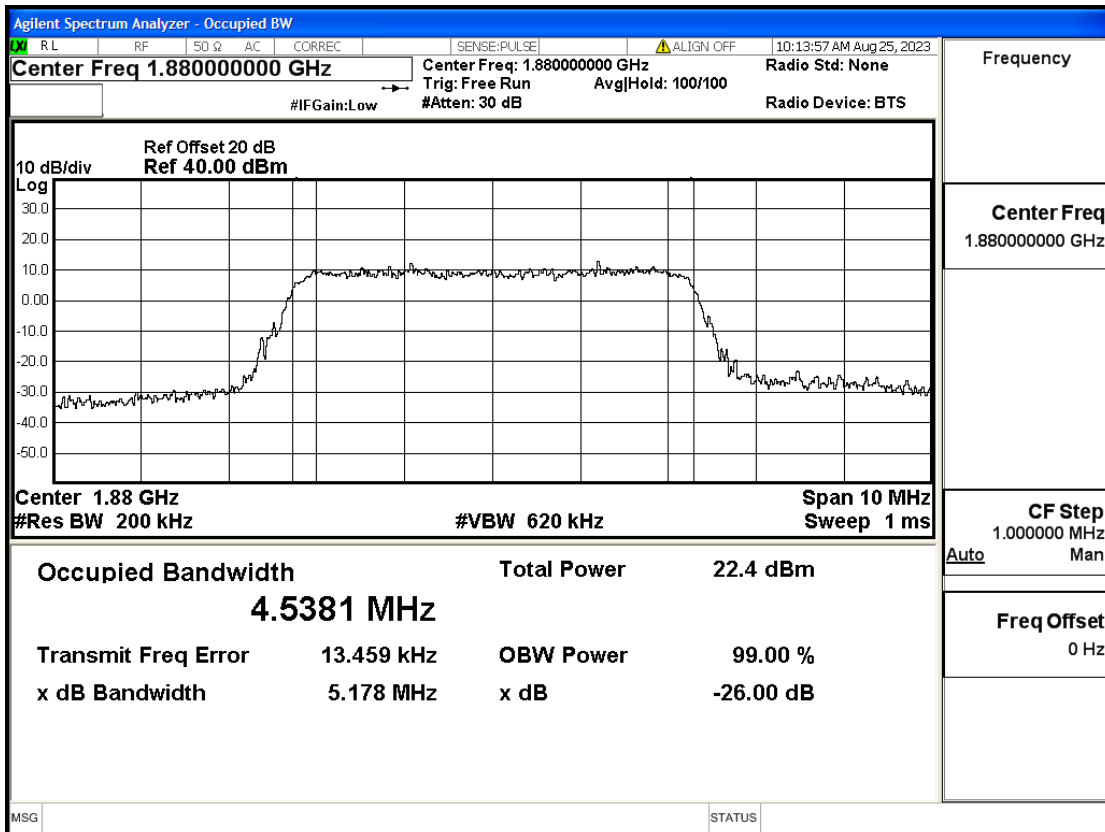
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



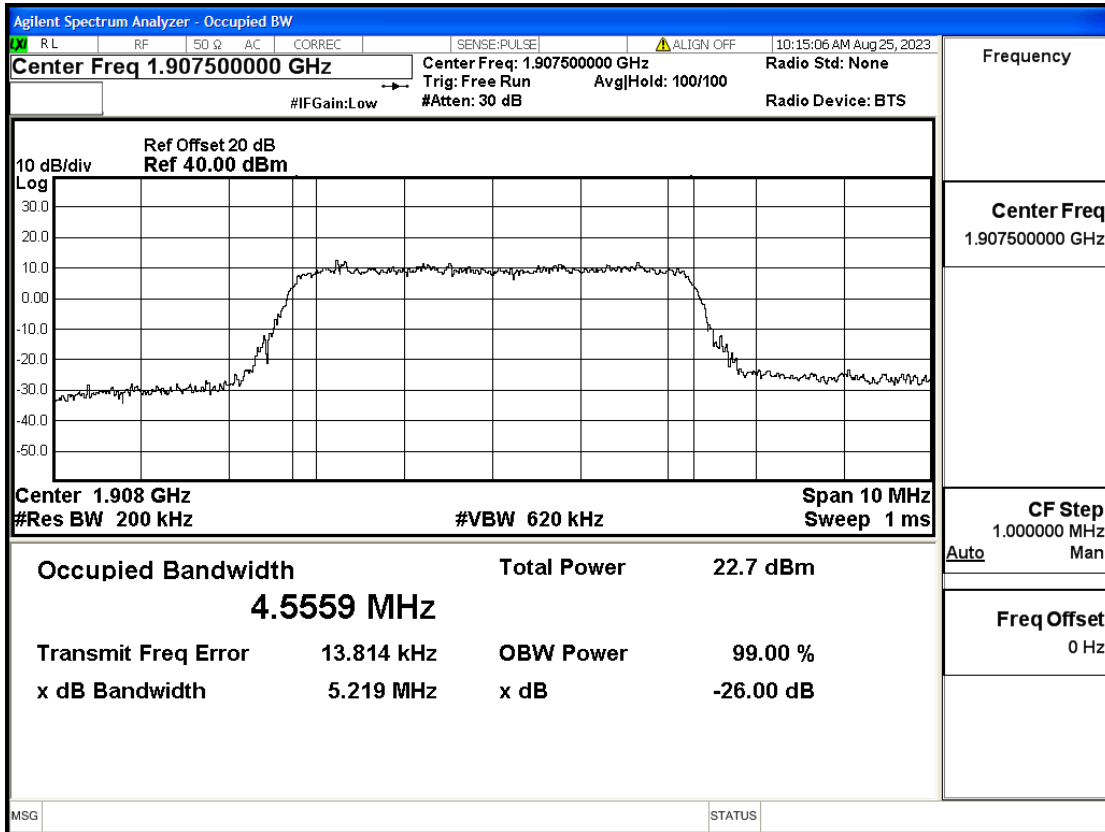
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



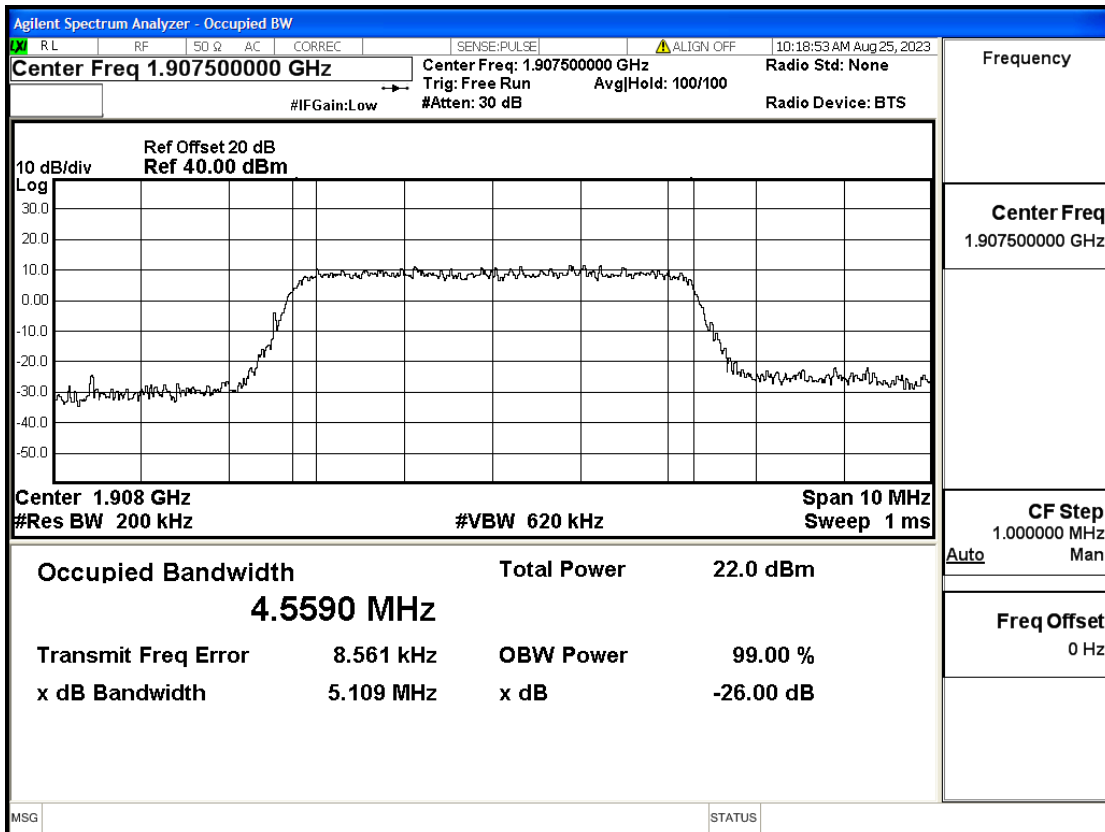
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



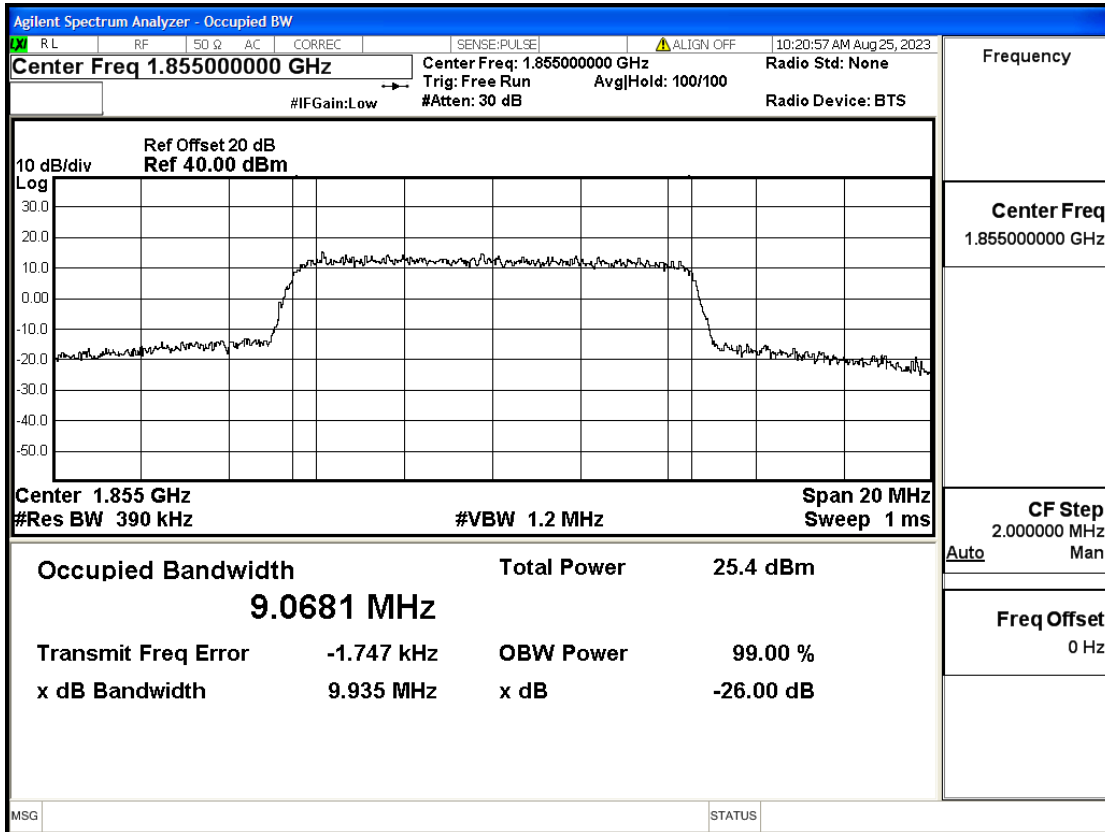
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



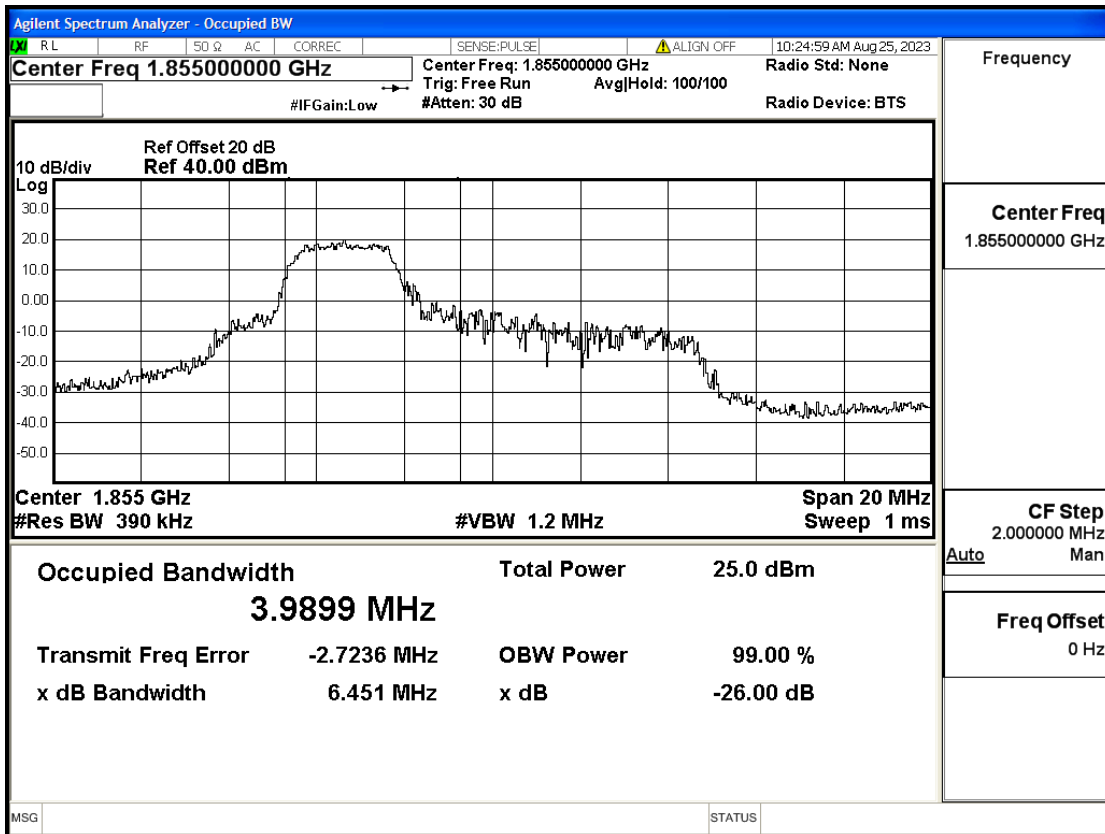
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



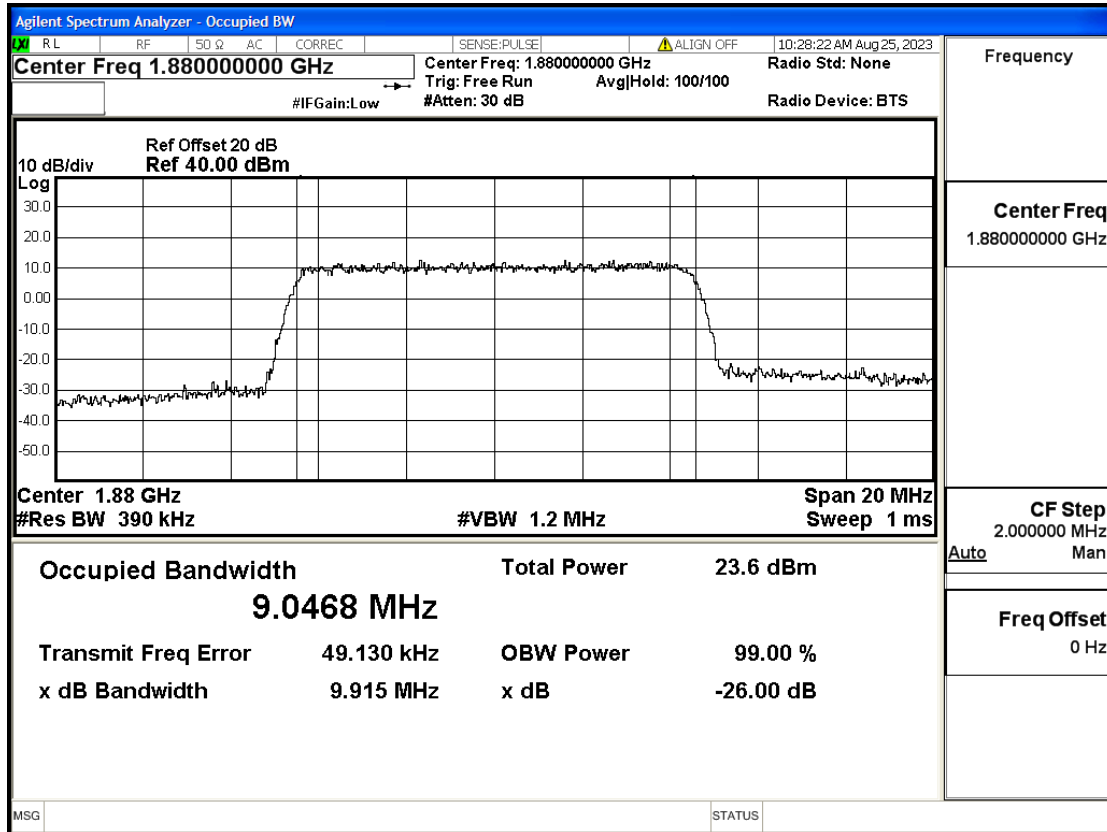
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



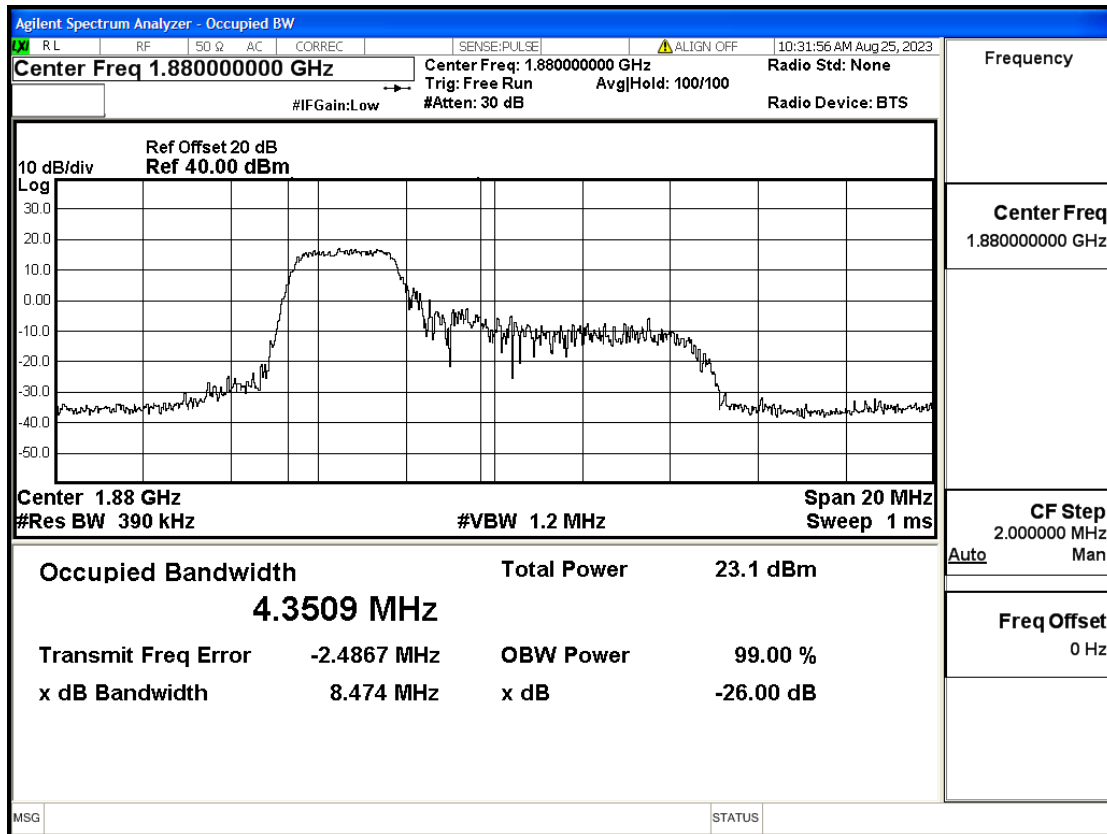
Band2-10-1855-16QAM-12#LOW@26dB and 99PCT Bandwidth



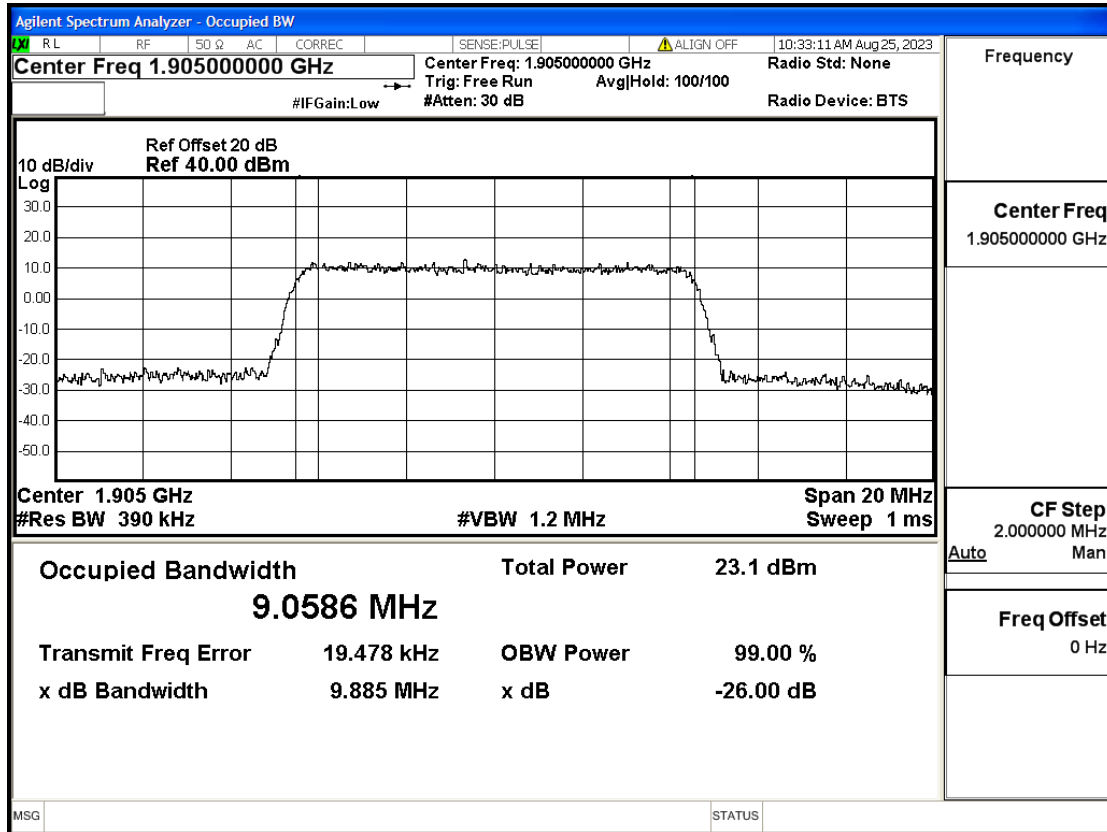
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



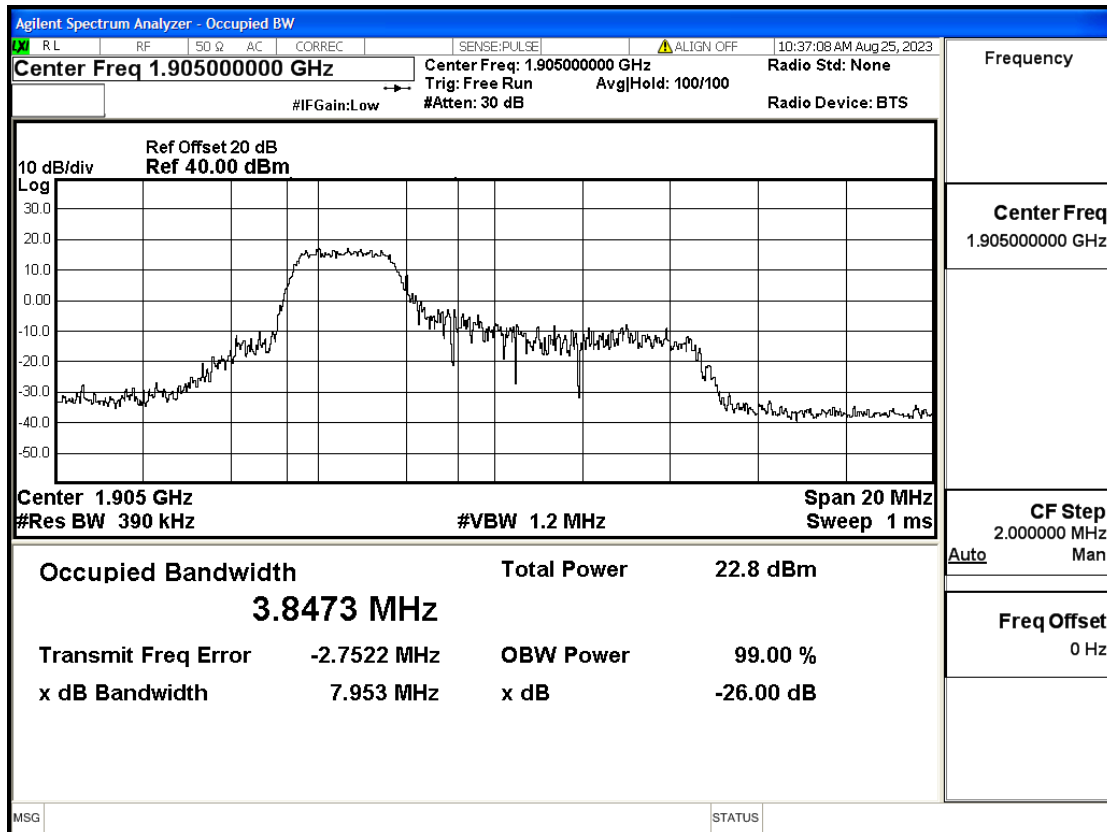
Band2-10-1880-16QAM-12#LOW@26dB and 99PCT Bandwidth



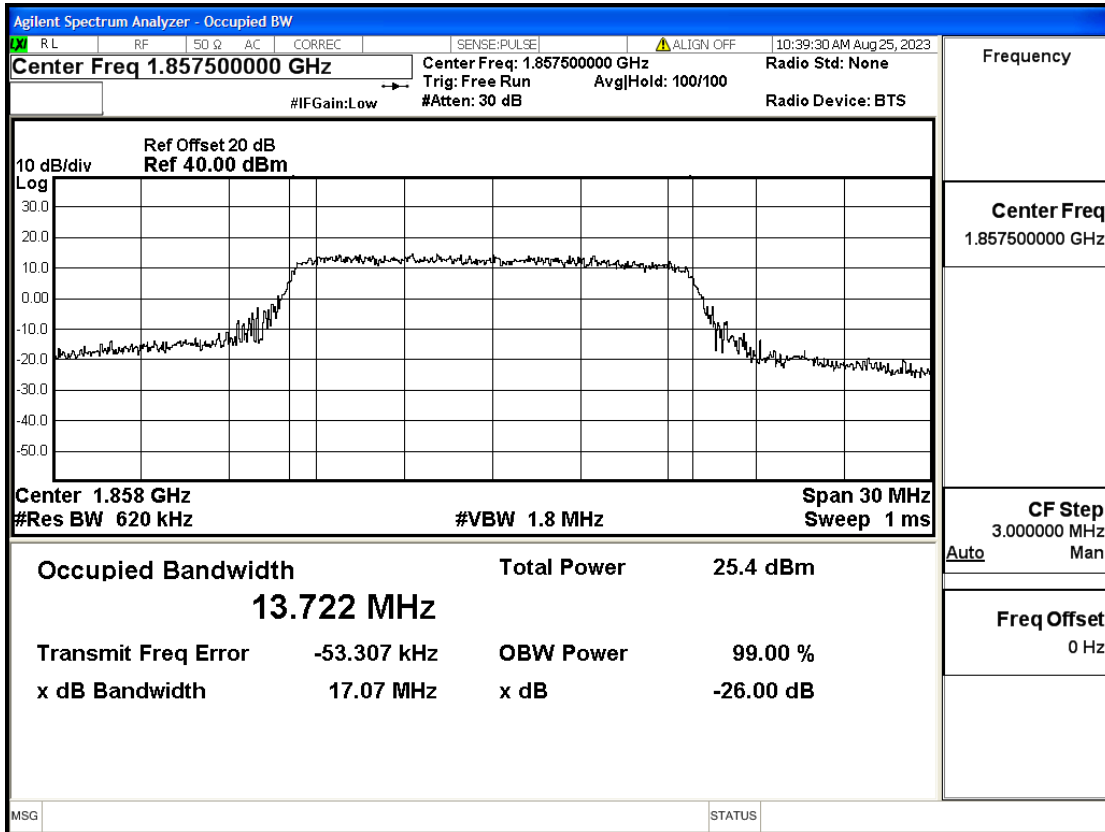
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



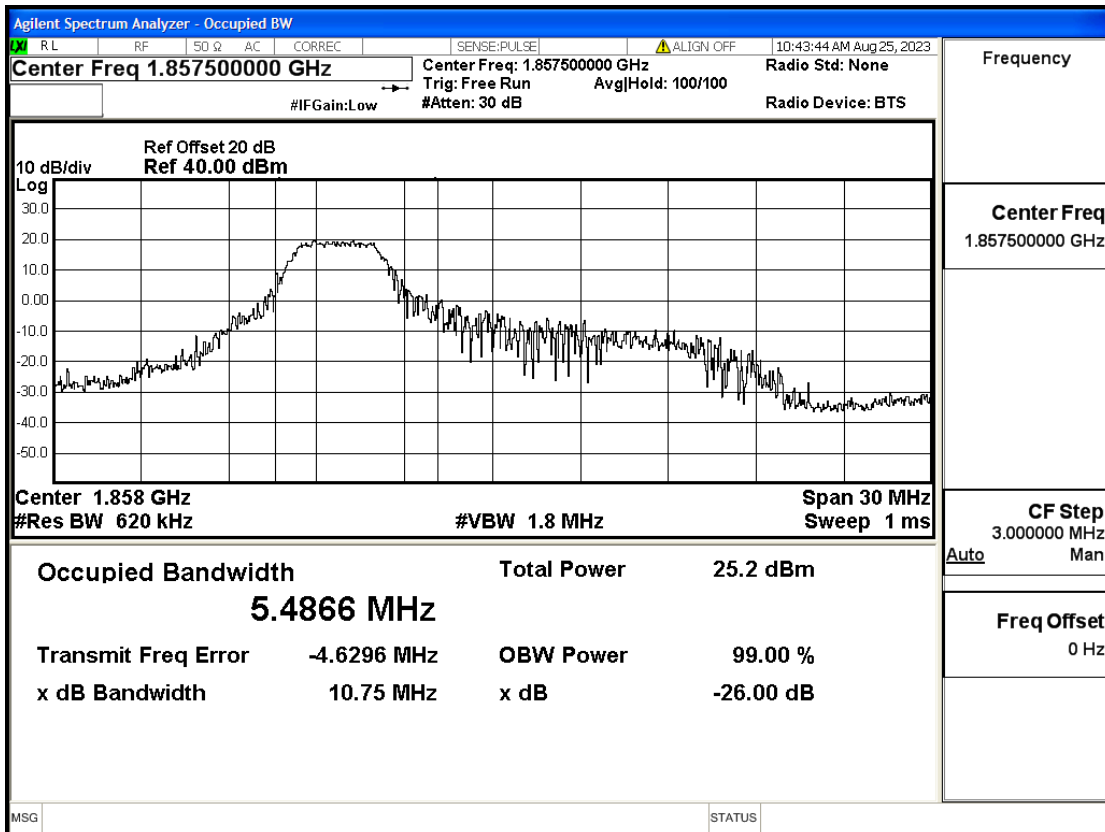
Band2-10-1905-16QAM-12#LOW@26dB and 99PCT Bandwidth



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

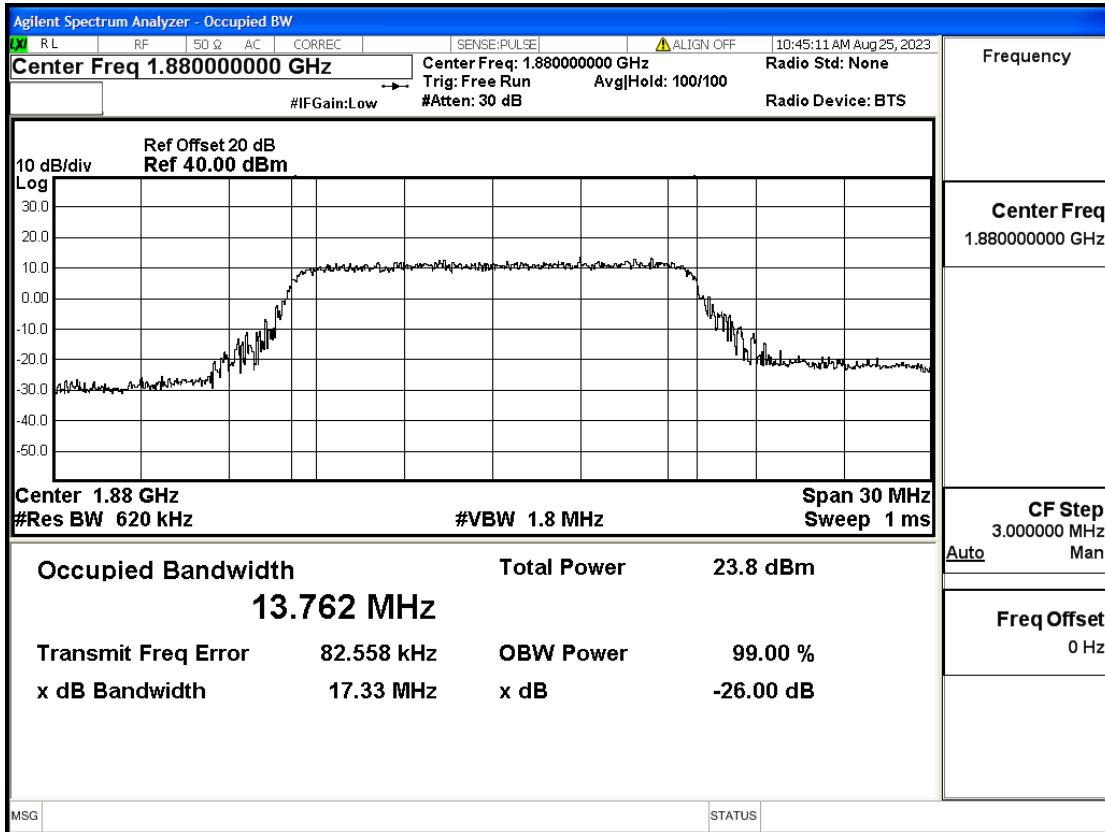


Band2-15-1857.5-16QAM-16#LOW@26dB and 99PCT Bandwidth

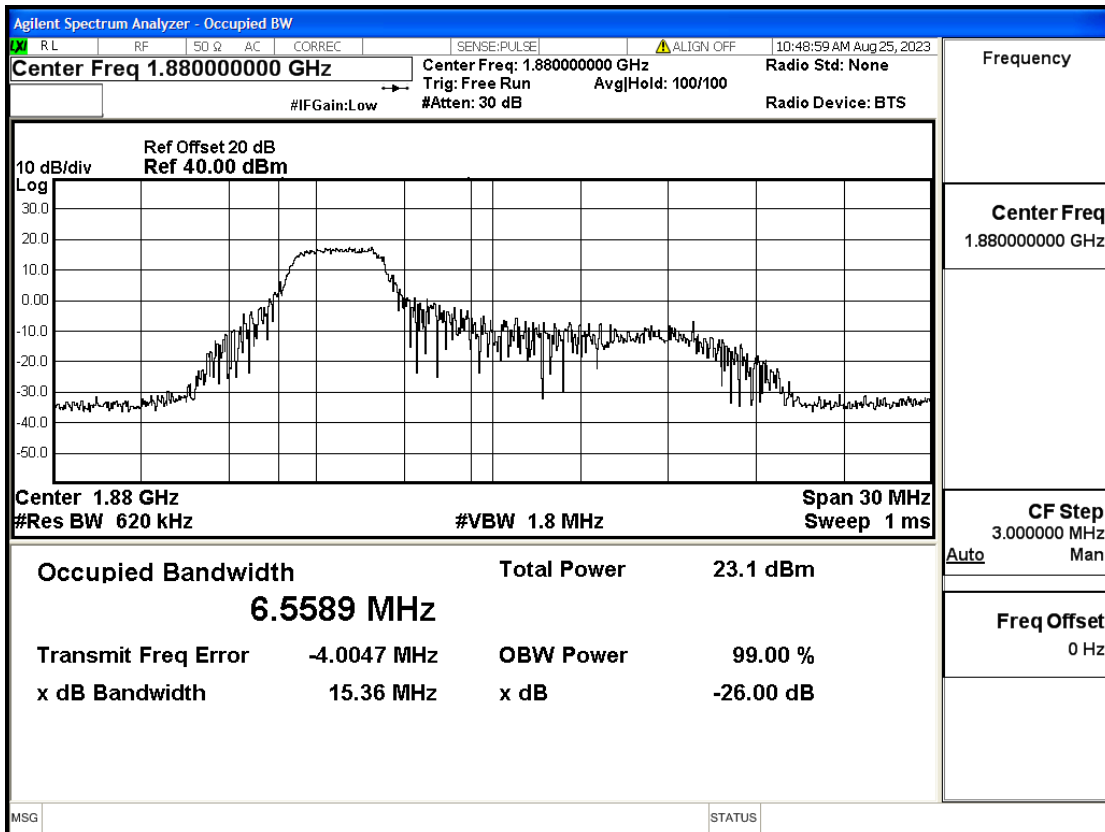




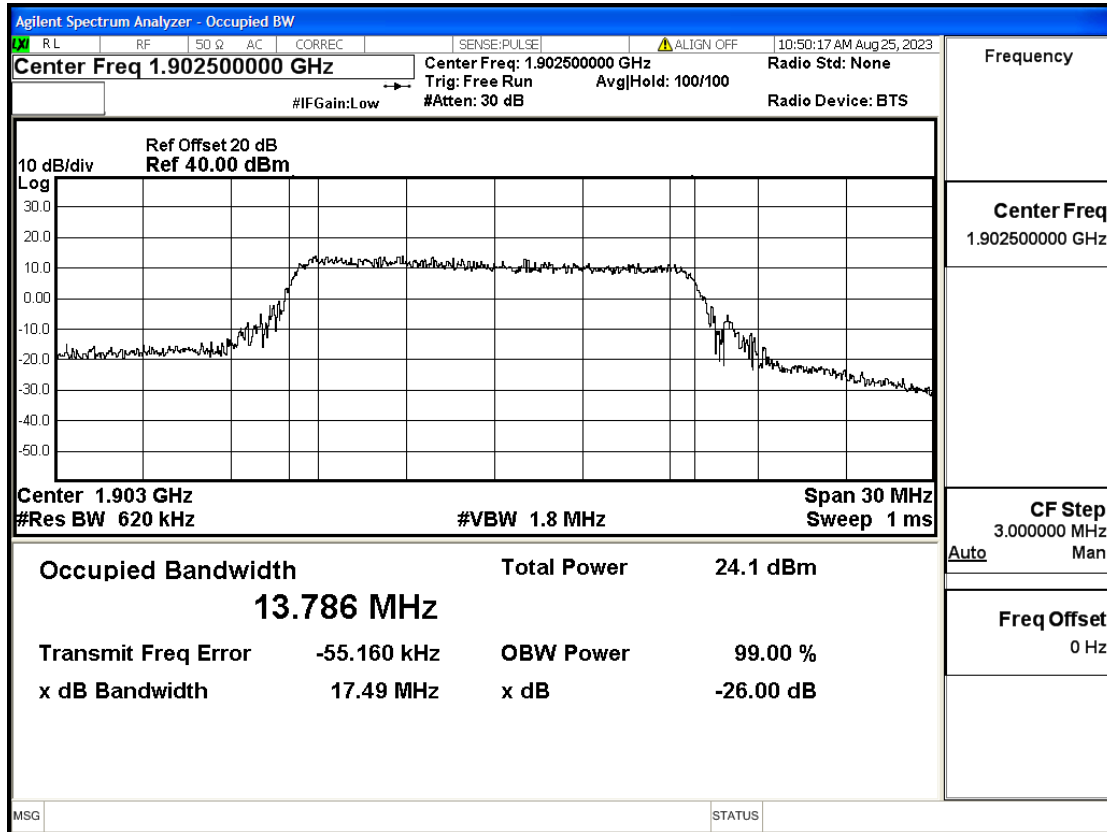
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



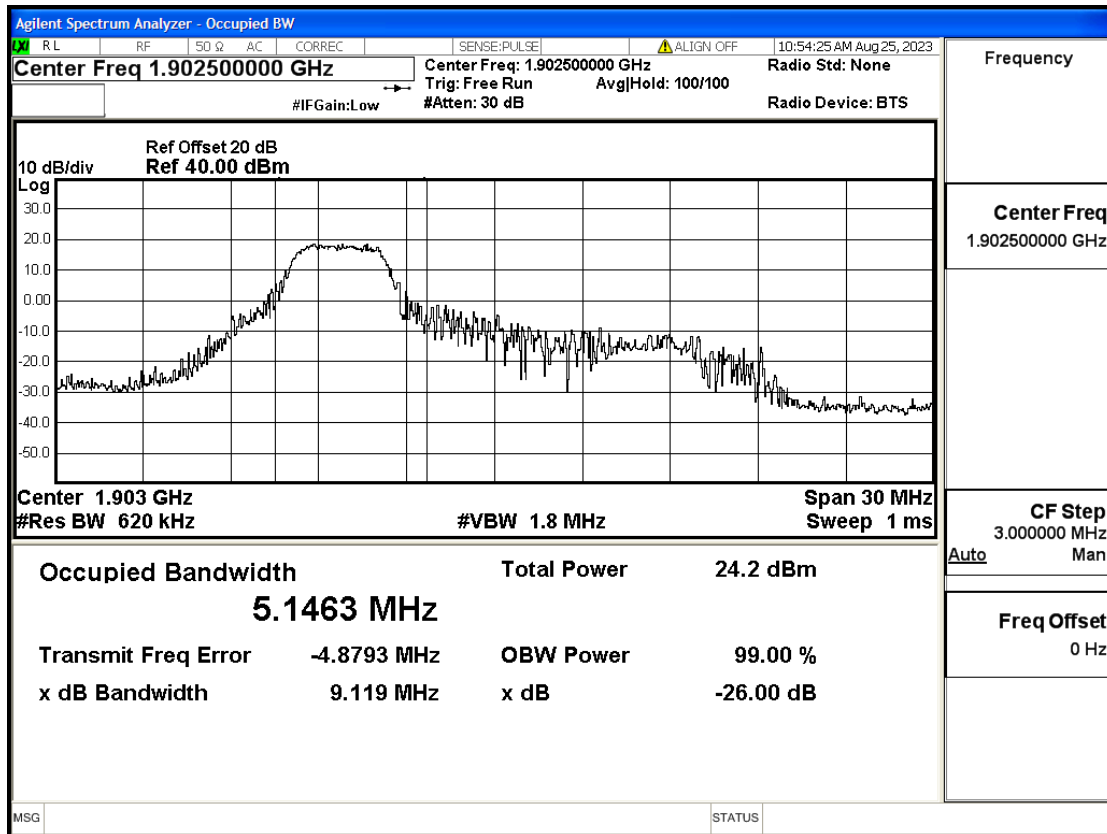
Band2-15-1880-16QAM-16#LOW@26dB and 99PCT Bandwidth



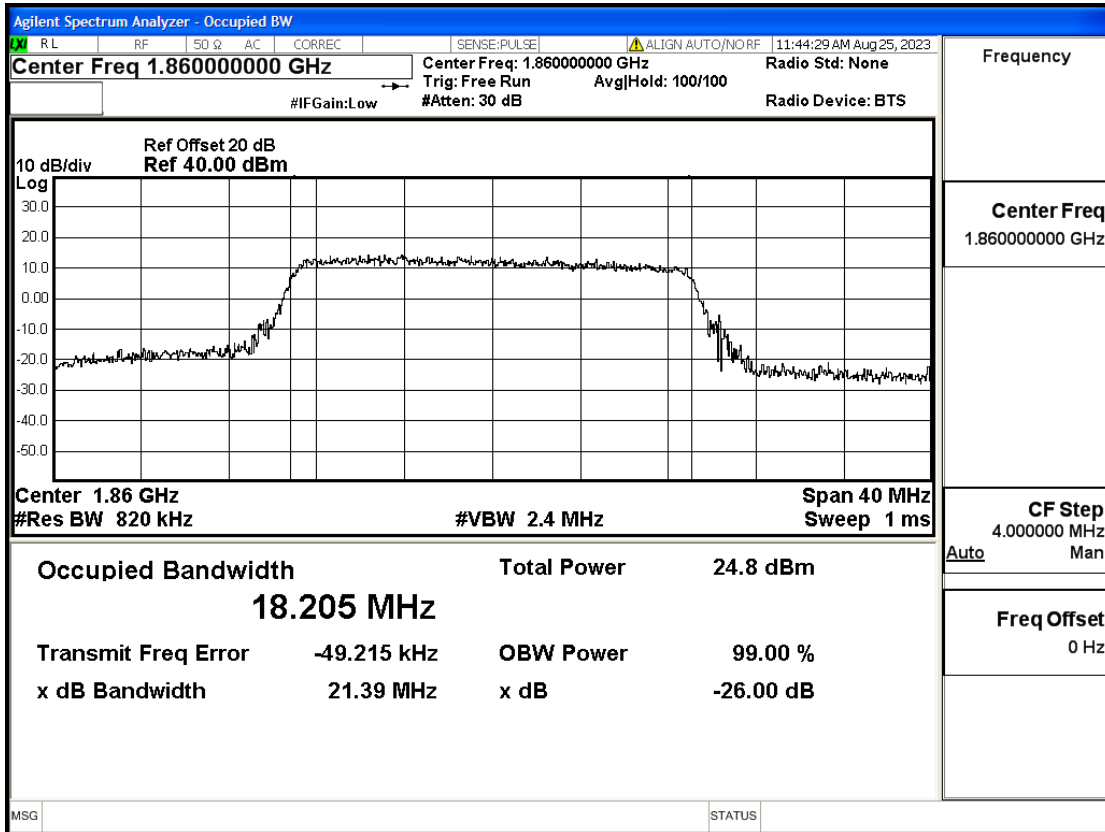
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



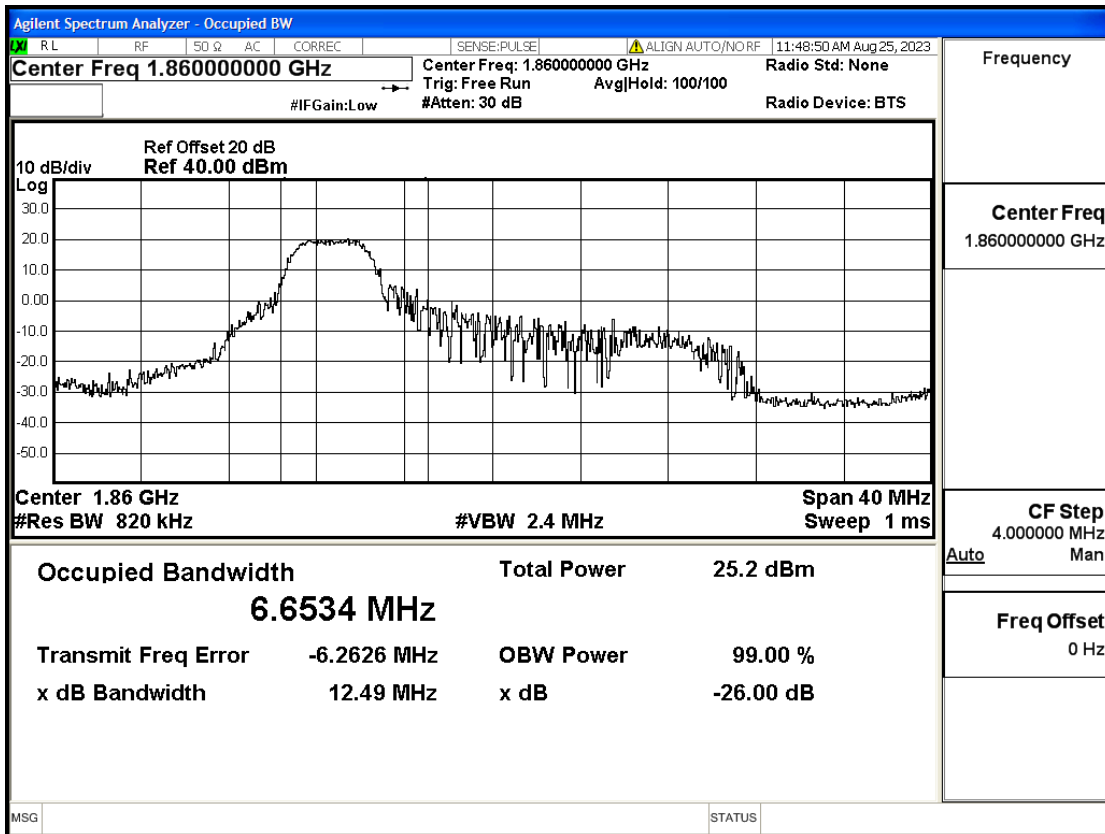
Band2-15-1902.5-16QAM-16#LOW@26dB and 99PCT Bandwidth



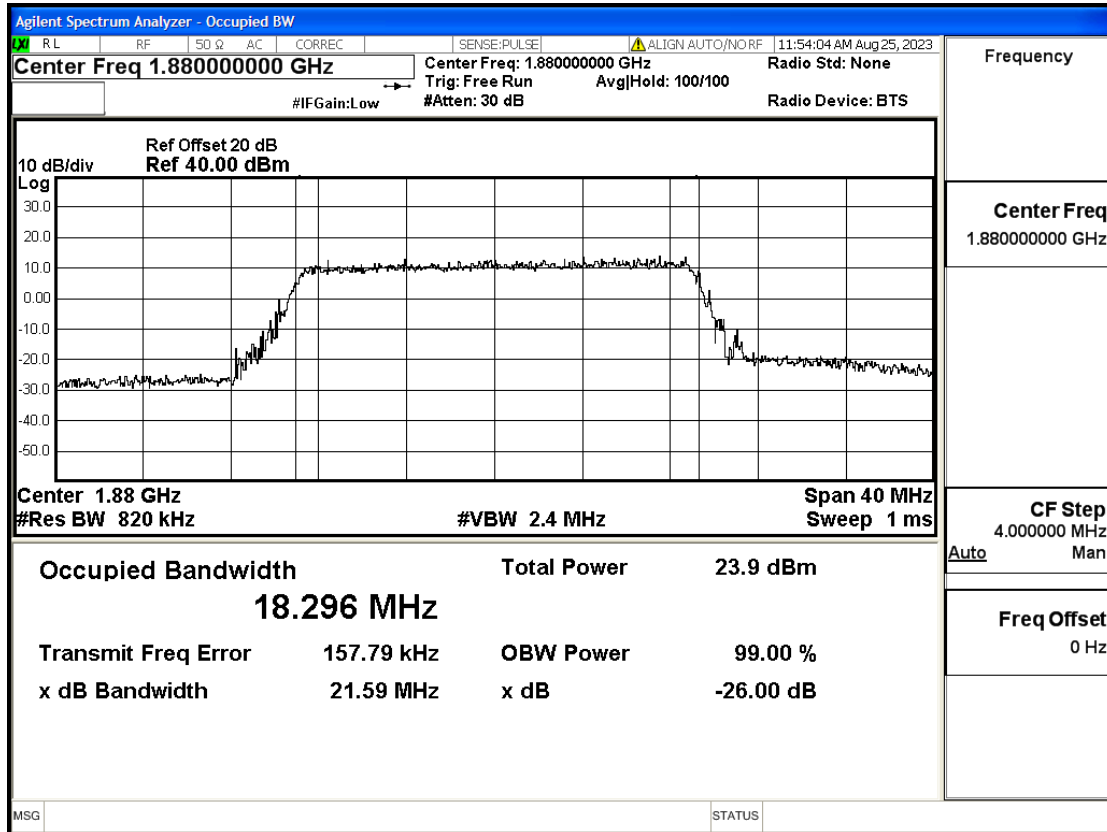
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



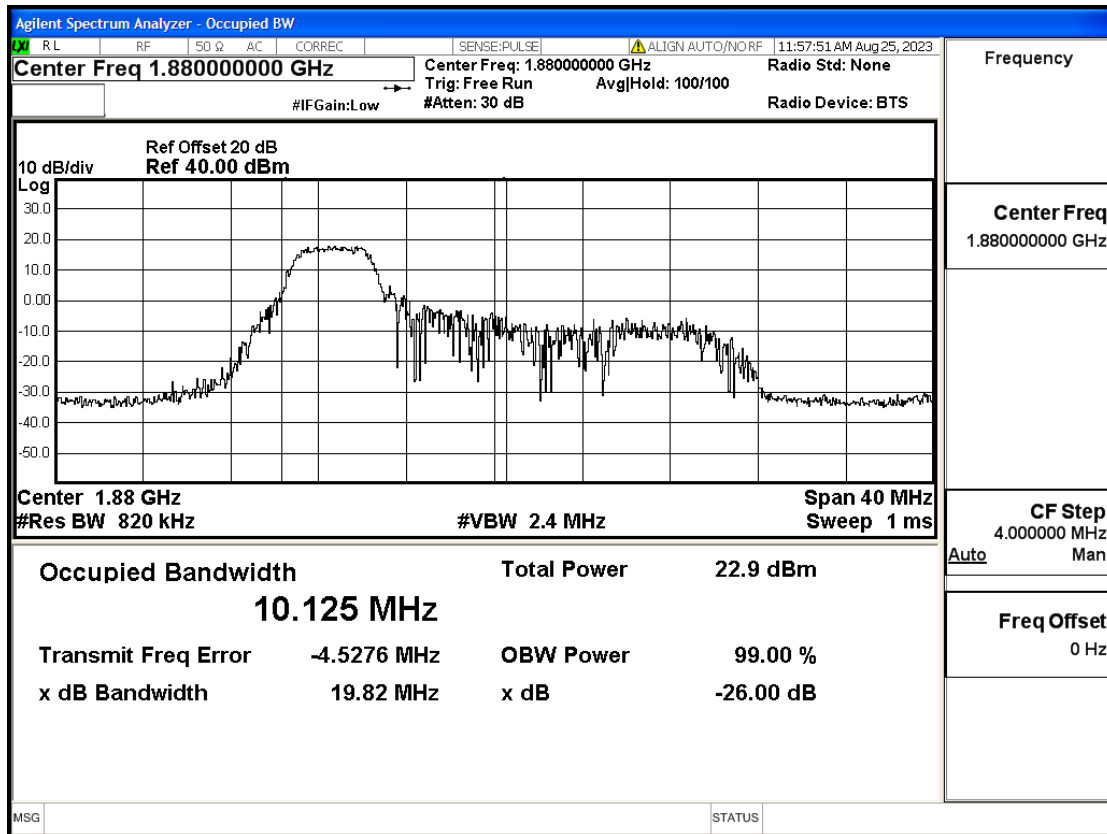
Band2-20-1860-16QAM-18#LOW@26dB and 99PCT Bandwidth



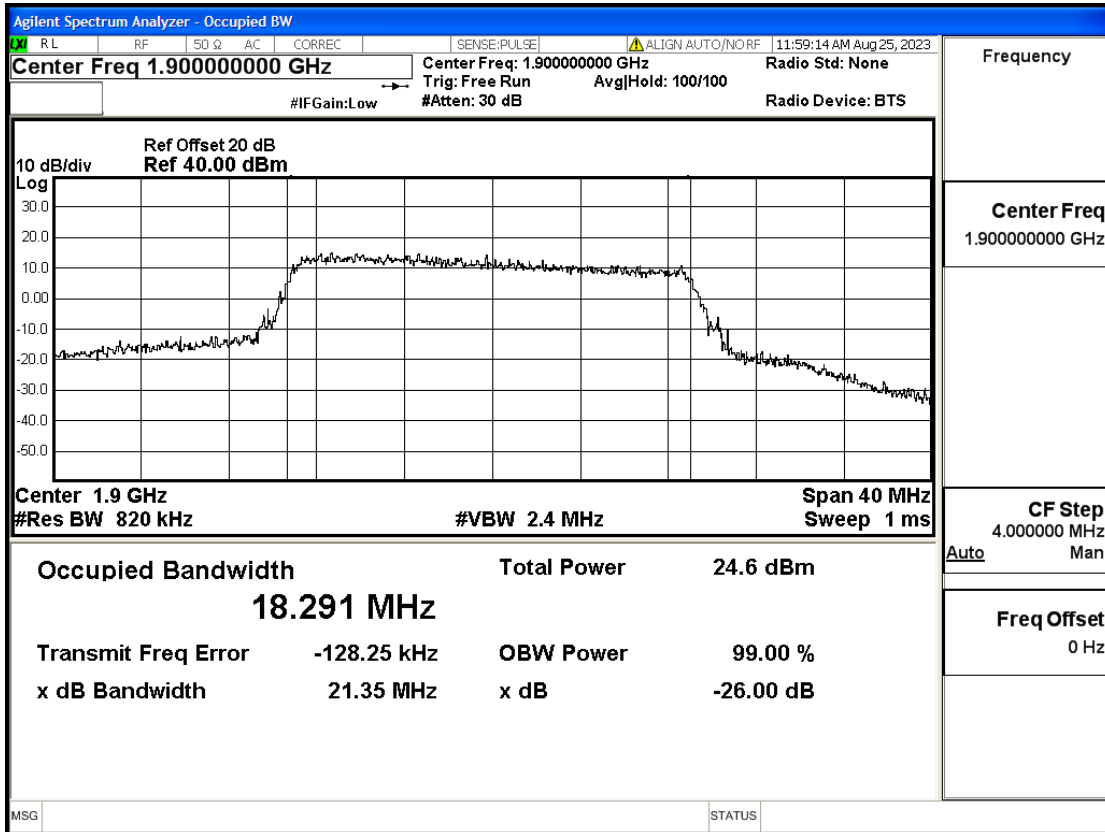
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



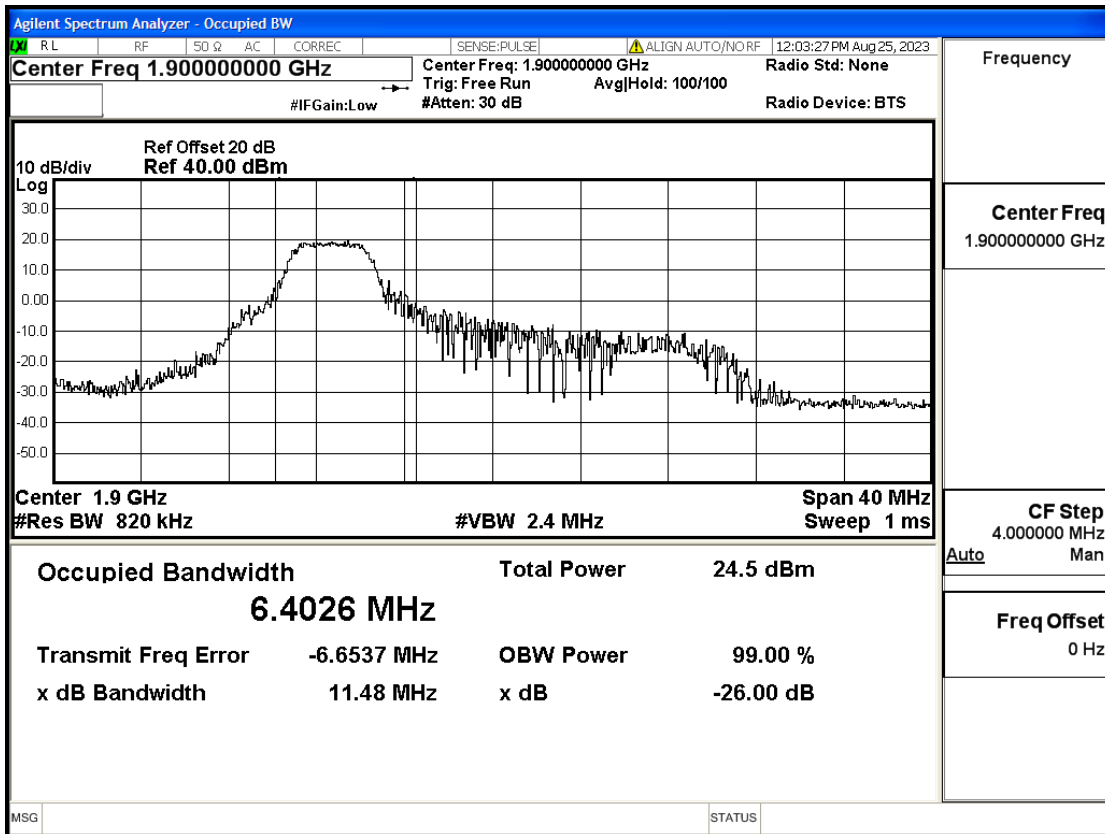
Band2-20-1880-16QAM-18#LOW@26dB and 99PCT Bandwidth



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	0.0571	PASS
40	Normal Voltage	0.0321	
30	Normal Voltage	0.0184	
20(Ref.)	Normal Voltage	0.0288	
10	Normal Voltage	0.0592	
0	Normal Voltage	0.0185	
-10	Normal Voltage	0.0421	
-20	Normal Voltage	0.0345	
-30	Normal Voltage	0.0196	
20	Maximum Voltage	0.0172	
20	Normal Voltage	0.0267	
20	Battery End Point	0.0589	

### 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	19.65	24.62	4.97	13	-1.01	18.64	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	20.63	24.21	3.58	13	-1.01	19.62	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	20.61	24.24	3.63	13	-1.01	19.6	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	20.45	24.07	3.62	13	-1.01	19.44	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	20.6	23.86	3.26	13	-1.01	19.59	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	20.33	23.64	3.31	13	-1.01	19.32	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	19.79	23.76	3.97	13	-1.01	18.78	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	18.7	24.33	5.63	13	-1.01	17.69	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	20.03	24.39	4.36	13	-1.01	19.02	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	19.95	24.37	4.42	13	-1.01	18.94	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	19.8	24.24	4.44	13	-1.01	18.79	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	20	23.78	3.78	13	-1.01	18.99	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	19.77	23.56	3.79	13	-1.01	18.76	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	19.23	23.76	4.53	13	-1.01	18.22	33	Pass
Band2	1.4	1880	QPSK	6	LOW	17.52	23.06	5.54	13	-1.01	16.51	33	Pass
Band2	1.4	1880	QPSK	3	LOW	18.86	24.16	5.3	13	-1.01	17.85	33	Pass
Band2	1.4	1880	QPSK	3	MID	18.83	24.13	5.3	13	-1.01	17.82	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	18.35	23.63	5.28	13	-1.01	17.34	33	Pass
Band2	1.4	1880	QPSK	1	LOW	19.21	24.18	4.97	13	-1.01	18.2	33	Pass
Band2	1.4	1880	QPSK	1	MID	18.77	23.95	5.18	13	-1.01	17.76	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	18.16	23.53	5.37	13	-1.01	17.15	33	Pass
Band2	1.4	1880	16QAM	6	LOW	16.65	23.44	6.79	13	-1.01	15.64	33	Pass
Band2	1.4	1880	16QAM	3	LOW	18.05	24.4	6.35	13	-1.01	17.04	33	Pass
Band2	1.4	1880	16QAM	3	MID	18.04	24.35	6.31	13	-1.01	17.03	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	17.45	23.88	6.43	13	-1.01	16.44	33	Pass
Band2	1.4	1880	16QAM	1	LOW	18.56	23.46	4.9	13	-1.01	17.55	33	Pass
Band2	1.4	1880	16QAM	1	MID	18.1	23.26	5.16	13	-1.01	17.09	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	17.37	22.83	5.46	13	-1.01	16.36	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	17.39	22.72	5.33	13	-1.01	16.38	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	18.42	22.89	4.47	13	-1.01	17.41	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	18.31	22.88	4.57	13	-1.01	17.3	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	18.66	22.82	4.16	13	-1.01	17.65	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	18.37	22.44	4.07	13	-1.01	17.36	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	18.44	22.32	3.88	13	-1.01	17.43	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	17.95	21.83	3.88	13	-1.01	16.94	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	16.45	22.72	6.27	13	-1.01	15.44	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	17.72	22.72	5	13	-1.01	16.71	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	17.7	22.71	5.01	13	-1.01	16.69	33	Pass

Band2	1.4	1909.3	16QAM	3	HIGH	17.91	22.56	4.65	13	-1.01	16.9	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	17.59	22.23	4.64	13	-1.01	16.58	33	Pass
Band2	1.4	1909.3	16QAM	1	MID	17.73	21.94	4.21	13	-1.01	16.72	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	17.18	21.44	4.26	13	-1.01	16.17	33	Pass
Band2	3	1851.5	QPSK	15	LOW	19.53	24.41	4.88	13	-1.01	18.52	33	Pass
Band2	3	1851.5	QPSK	8	LOW	20.72	24.34	3.62	13	-1.01	19.71	33	Pass
Band2	3	1851.5	QPSK	8	MID	20.7	24.38	3.68	13	-1.01	19.69	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	20.69	24.49	3.8	13	-1.01	19.68	33	Pass
Band2	3	1851.5	QPSK	1	LOW	20.58	23.63	3.05	13	-1.01	19.57	33	Pass
Band2	3	1851.5	QPSK	1	MID	20.5	23.45	2.95	13	-1.01	19.49	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	19.36	23.3	3.94	13	-1.01	18.35	33	Pass
Band2	3	1851.5	16QAM	15	LOW	18.76	24.61	5.85	13	-1.01	17.75	33	Pass
Band2	3	1851.5	16QAM	8	LOW	20.13	24.46	4.33	13	-1.01	19.12	33	Pass
Band2	3	1851.5	16QAM	8	MID	20.12	24.46	4.34	13	-1.01	19.11	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	20.09	24.23	4.14	13	-1.01	19.08	33	Pass
Band2	3	1851.5	16QAM	1	LOW	20.21	23.92	3.71	13	-1.01	19.2	33	Pass
Band2	3	1851.5	16QAM	1	MID	20.09	23.74	3.65	13	-1.01	19.08	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	18.95	23.75	4.8	13	-1.01	17.94	33	Pass
Band2	3	1880	QPSK	15	LOW	17.62	23.26	5.64	13	-1.01	16.61	33	Pass
Band2	3	1880	QPSK	8	LOW	19.38	25.29	5.91	13	-1.01	18.37	33	Pass
Band2	3	1880	QPSK	8	MID	19.35	25.28	5.93	13	-1.01	18.34	33	Pass
Band2	3	1880	QPSK	8	HIGH	18.82	24.94	6.12	13	-1.01	17.81	33	Pass
Band2	3	1880	QPSK	1	LOW	18.75	23.88	5.13	13	-1.01	17.74	33	Pass
Band2	3	1880	QPSK	1	MID	19	23.79	4.79	13	-1.01	17.99	33	Pass
Band2	3	1880	QPSK	1	HIGH	17.74	23.09	5.35	13	-1.01	16.73	33	Pass
Band2	3	1880	16QAM	15	LOW	16.64	23.38	6.74	13	-1.01	15.63	33	Pass
Band2	3	1880	16QAM	8	LOW	18.51	24.73	6.22	13	-1.01	17.5	33	Pass
Band2	3	1880	16QAM	8	MID	18.49	24.72	6.23	13	-1.01	17.48	33	Pass
Band2	3	1880	16QAM	8	HIGH	17.98	23.97	5.99	13	-1.01	16.97	33	Pass
Band2	3	1880	16QAM	1	LOW	18.16	24.08	5.92	13	-1.01	17.15	33	Pass
Band2	3	1880	16QAM	1	MID	18.29	23.25	4.96	13	-1.01	17.28	33	Pass
Band2	3	1880	16QAM	1	HIGH	16.95	22.34	5.39	13	-1.01	15.94	33	Pass
Band2	3	1908.5	QPSK	15	LOW	17.23	23.27	6.04	13	-1.01	16.22	33	Pass
Band2	3	1908.5	QPSK	8	LOW	18.31	23.78	5.47	13	-1.01	17.3	33	Pass
Band2	3	1908.5	QPSK	8	MID	18.29	23.83	5.54	13	-1.01	17.28	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	18.7	23.28	4.58	13	-1.01	17.69	33	Pass
Band2	3	1908.5	QPSK	1	LOW	17.76	22.66	4.9	13	-1.01	16.75	33	Pass
Band2	3	1908.5	QPSK	1	MID	18.41	22.36	3.95	13	-1.01	17.4	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	17.37	21.56	4.19	13	-1.01	16.36	33	Pass
Band2	3	1908.5	16QAM	15	LOW	16.32	22.8	6.48	13	-1.01	15.31	33	Pass
Band2	3	1908.5	16QAM	8	LOW	17.54	23.15	5.61	13	-1.01	16.53	33	Pass
Band2	3	1908.5	16QAM	8	MID	17.54	23.13	5.59	13	-1.01	16.53	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	17.87	23.06	5.19	13	-1.01	16.86	33	Pass
Band2	3	1908.5	16QAM	1	LOW	17.07	22.25	5.18	13	-1.01	16.06	33	Pass
Band2	3	1908.5	16QAM	1	MID	17.75	22.1	4.35	13	-1.01	16.74	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	16.64	21.98	5.34	13	-1.01	15.63	33	Pass



Band2	5	1852.5	QPSK	25	LOW	19.44	24.55	5.11	13	-1.01	18.43	33	Pass
Band2	5	1852.5	QPSK	12	LOW	20.44	24.13	3.69	13	-1.01	19.43	33	Pass
Band2	5	1852.5	QPSK	12	MID	20.43	24.13	3.7	13	-1.01	19.42	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	20.47	24.29	3.82	13	-1.01	19.46	33	Pass
Band2	5	1852.5	QPSK	1	LOW	20.09	24.03	3.94	13	-1.01	19.08	33	Pass
Band2	5	1852.5	QPSK	1	MID	19.96	23.77	3.81	13	-1.01	18.95	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	19.92	23.92	4	13	-1.01	18.91	33	Pass
Band2	5	1852.5	16QAM	25	LOW	18.64	24.62	5.98	13	-1.01	17.63	33	Pass
Band2	5	1852.5	16QAM	12	LOW	19.79	24.35	4.56	13	-1.01	18.78	33	Pass
Band2	5	1852.5	16QAM	12	MID	19.76	24.47	4.71	13	-1.01	18.75	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	19.75	24.39	4.64	13	-1.01	18.74	33	Pass
Band2	5	1852.5	16QAM	1	LOW	19.44	23.63	4.19	13	-1.01	18.43	33	Pass
Band2	5	1852.5	16QAM	1	MID	19.27	23.5	4.23	13	-1.01	18.26	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	19.16	23.74	4.58	13	-1.01	18.15	33	Pass
Band2	5	1880	QPSK	25	LOW	17.52	23.68	6.16	13	-1.01	16.51	33	Pass
Band2	5	1880	QPSK	12	LOW	18.75	24.65	5.9	13	-1.01	17.74	33	Pass
Band2	5	1880	QPSK	12	MID	18.75	24.53	5.78	13	-1.01	17.74	33	Pass
Band2	5	1880	QPSK	12	HIGH	18.56	24.19	5.63	13	-1.01	17.55	33	Pass
Band2	5	1880	QPSK	1	LOW	18.53	24.29	5.76	13	-1.01	17.52	33	Pass
Band2	5	1880	QPSK	1	MID	18.5	23.51	5.01	13	-1.01	17.49	33	Pass
Band2	5	1880	QPSK	1	HIGH	19.09	23.68	4.59	13	-1.01	18.08	33	Pass
Band2	5	1880	16QAM	25	LOW	16.65	24.09	7.44	13	-1.01	15.64	33	Pass
Band2	5	1880	16QAM	12	LOW	18.02	25.05	7.03	13	-1.01	17.01	33	Pass
Band2	5	1880	16QAM	12	MID	17.97	24.86	6.89	13	-1.01	16.96	33	Pass
Band2	5	1880	16QAM	12	HIGH	17.83	24.39	6.56	13	-1.01	16.82	33	Pass
Band2	5	1880	16QAM	1	LOW	17.82	23.9	6.08	13	-1.01	16.81	33	Pass
Band2	5	1880	16QAM	1	MID	17.88	23.65	5.77	13	-1.01	16.87	33	Pass
Band2	5	1880	16QAM	1	HIGH	18.51	23.89	5.38	13	-1.01	17.5	33	Pass
Band2	5	1907.5	QPSK	25	LOW	16.99	23.27	6.28	13	-1.01	15.98	33	Pass
Band2	5	1907.5	QPSK	12	LOW	17.88	23.79	5.91	13	-1.01	16.87	33	Pass
Band2	5	1907.5	QPSK	12	MID	17.87	23.61	5.74	13	-1.01	16.86	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	18.26	23.18	4.92	13	-1.01	17.25	33	Pass
Band2	5	1907.5	QPSK	1	LOW	17.72	23.28	5.56	13	-1.01	16.71	33	Pass
Band2	5	1907.5	QPSK	1	MID	17.9	22.87	4.97	13	-1.01	16.89	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	18.61	22.92	4.31	13	-1.01	17.6	33	Pass
Band2	5	1907.5	16QAM	25	LOW	16.21	23.24	7.03	13	-1.01	15.2	33	Pass
Band2	5	1907.5	16QAM	12	LOW	17.01	24.19	7.18	13	-1.01	16	33	Pass
Band2	5	1907.5	16QAM	12	MID	17.01	23.83	6.82	13	-1.01	16	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	17.38	23.45	6.07	13	-1.01	16.37	33	Pass
Band2	5	1907.5	16QAM	1	LOW	17.1	23.17	6.07	13	-1.01	16.09	33	Pass
Band2	5	1907.5	16QAM	1	MID	17.22	22.84	5.62	13	-1.01	16.21	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	17.86	22.94	5.08	13	-1.01	16.85	33	Pass
Band2	10	1855	QPSK	50	LOW	19.55	25.03	5.48	13	-1.01	18.54	33	Pass
Band2	10	1855	QPSK	25	LOW	20.64	24.37	3.73	13	-1.01	19.63	33	Pass
Band2	10	1855	QPSK	25	MID	20.61	24.38	3.77	13	-1.01	19.6	33	Pass
Band2	10	1855	QPSK	25	HIGH	20.29	24.41	4.12	13	-1.01	19.28	33	Pass

Band2	10	1855	QPSK	1	LOW	20.91	24.28	3.37	13	-1.01	19.9	33	Pass
Band2	10	1855	QPSK	1	MID	20.14	23.32	3.18	13	-1.01	19.13	33	Pass
Band2	10	1855	QPSK	1	HIGH	19.72	23.67	3.95	13	-1.01	18.71	33	Pass
Band2	10	1855	16QAM	12	LOW	19.86	24.17	4.31	13	-1.01	18.85	33	Pass
Band2	10	1855	16QAM	6	LOW	19.46	23.93	4.47	13	-1.01	18.45	33	Pass
Band2	10	1855	16QAM	6	MID	19.47	24.02	4.55	13	-1.01	18.46	33	Pass
Band2	10	1855	16QAM	6	HIGH	18.62	23.96	5.34	13	-1.01	17.61	33	Pass
Band2	10	1855	16QAM	1	LOW	20.33	24.14	3.81	13	-1.01	19.32	33	Pass
Band2	10	1855	16QAM	1	MID	19.86	23.88	4.02	13	-1.01	18.85	33	Pass
Band2	10	1855	16QAM	1	HIGH	19.34	24.24	4.9	13	-1.01	18.33	33	Pass
Band2	10	1880	QPSK	50	LOW	17.61	24.47	6.86	13	-1.01	16.6	33	Pass
Band2	10	1880	QPSK	25	LOW	18.88	25.04	6.16	13	-1.01	17.87	33	Pass
Band2	10	1880	QPSK	25	MID	18.85	25	6.15	13	-1.01	17.84	33	Pass
Band2	10	1880	QPSK	25	HIGH	18.82	24.59	5.77	13	-1.01	17.81	33	Pass
Band2	10	1880	QPSK	1	LOW	18.5	24.32	5.82	13	-1.01	17.49	33	Pass
Band2	10	1880	QPSK	1	MID	18.59	23.95	5.36	13	-1.01	17.58	33	Pass
Band2	10	1880	QPSK	1	HIGH	19.17	23.78	4.61	13	-1.01	18.16	33	Pass
Band2	10	1880	16QAM	12	LOW	17.85	25.22	7.37	13	-1.01	16.84	33	Pass
Band2	10	1880	16QAM	6	LOW	17	24.05	7.05	13	-1.01	15.99	33	Pass
Band2	10	1880	16QAM	6	MID	16.9	23.94	7.04	13	-1.01	15.89	33	Pass
Band2	10	1880	16QAM	6	HIGH	17.96	24.08	6.12	13	-1.01	16.95	33	Pass
Band2	10	1880	16QAM	1	LOW	17.67	24.21	6.54	13	-1.01	16.66	33	Pass
Band2	10	1880	16QAM	1	MID	17.78	22.45	4.67	13	-1.01	16.77	33	Pass
Band2	10	1880	16QAM	1	HIGH	18.42	24.77	6.35	13	-1.01	17.41	33	Pass
Band2	10	1905	QPSK	50	LOW	17.24	24.27	7.03	13	-1.01	16.23	33	Pass
Band2	10	1905	QPSK	25	LOW	18.16	24.4	6.24	13	-1.01	17.15	33	Pass
Band2	10	1905	QPSK	25	MID	18.16	24.17	6.01	13	-1.01	17.15	33	Pass
Band2	10	1905	QPSK	25	HIGH	18.42	24.44	6.02	13	-1.01	17.41	33	Pass
Band2	10	1905	QPSK	1	LOW	18.69	23.48	4.79	13	-1.01	17.68	33	Pass
Band2	10	1905	QPSK	1	MID	17.99	23.13	5.14	13	-1.01	16.98	33	Pass
Band2	10	1905	QPSK	1	HIGH	18.65	22.89	4.24	13	-1.01	17.64	33	Pass
Band2	10	1905	16QAM	12	LOW	17.58	23.63	6.05	13	-1.01	16.57	33	Pass
Band2	10	1905	16QAM	6	LOW	17.97	23.5	5.53	13	-1.01	16.96	33	Pass
Band2	10	1905	16QAM	6	MID	18.01	23.42	5.41	13	-1.01	17	33	Pass
Band2	10	1905	16QAM	6	HIGH	16.86	23.01	6.15	13	-1.01	15.85	33	Pass
Band2	10	1905	16QAM	1	LOW	18.13	23.66	5.53	13	-1.01	17.12	33	Pass
Band2	10	1905	16QAM	1	MID	17.26	22.48	5.22	13	-1.01	16.25	33	Pass
Band2	10	1905	16QAM	1	HIGH	17.93	23.33	5.4	13	-1.01	16.92	33	Pass
Band2	15	1857.5	QPSK	75	LOW	19.3	25.27	5.97	13	-1.01	18.29	33	Pass
Band2	15	1857.5	QPSK	38	LOW	19.3	24.88	5.58	13	-1.01	18.29	33	Pass
Band2	15	1857.5	QPSK	38	MID	19.29	24.88	5.59	13	-1.01	18.28	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	19.3	24.96	5.66	13	-1.01	18.29	33	Pass
Band2	15	1857.5	QPSK	1	LOW	20.82	23.93	3.11	13	-1.01	19.81	33	Pass
Band2	15	1857.5	QPSK	1	MID	19.92	23.71	3.79	13	-1.01	18.91	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	18.73	23.75	5.02	13	-1.01	17.72	33	Pass
Band2	15	1857.5	16QAM	16	LOW	20.06	24.35	4.29	13	-1.01	19.05	33	Pass

Band2	15	1857.5	16QAM	8	LOW	19.55	24.16	4.61	13	-1.01	18.54	33	Pass
Band2	15	1857.5	16QAM	8	MID	19.56	24.18	4.62	13	-1.01	18.55	33	Pass
Band2	15	1857.5	16QAM	8	HIGH	17.99	24.21	6.22	13	-1.01	16.98	33	Pass
Band2	15	1857.5	16QAM	1	LOW	20.4	23.84	3.44	13	-1.01	19.39	33	Pass
Band2	15	1857.5	16QAM	1	MID	19.63	23.57	3.94	13	-1.01	18.62	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	18.51	23.52	5.01	13	-1.01	17.5	33	Pass
Band2	15	1880	QPSK	75	LOW	17.73	24.71	6.98	13	-1.01	16.72	33	Pass
Band2	15	1880	QPSK	38	HIGH	17.7	24.71	7.01	13	-1.01	16.69	33	Pass
Band2	15	1880	QPSK	38	MID	17.7	24.7	7	13	-1.01	16.69	33	Pass
Band2	15	1880	QPSK	1	LOW	18.52	23.99	5.47	13	-1.01	17.51	33	Pass
Band2	15	1880	QPSK	1	MID	18.47	23.49	5.02	13	-1.01	17.46	33	Pass
Band2	15	1880	QPSK	1	HIGH	19.68	23.3	3.62	13	-1.01	18.67	33	Pass
Band2	15	1880	16QAM	16	LOW	17.83	25.07	7.24	13	-1.01	16.82	33	Pass
Band2	15	1880	16QAM	8	LOW	17.14	24.39	7.25	13	-1.01	16.13	33	Pass
Band2	15	1880	16QAM	8	MID	17.05	24.34	7.29	13	-1.01	16.04	33	Pass
Band2	15	1880	16QAM	8	HIGH	18.55	23.97	5.42	13	-1.01	17.54	33	Pass
Band2	15	1880	16QAM	1	LOW	18.22	24.78	6.56	13	-1.01	17.21	33	Pass
Band2	15	1880	16QAM	1	MID	18.16	24.39	6.23	13	-1.01	17.15	33	Pass
Band2	15	1880	16QAM	1	HIGH	19.24	23.97	4.73	13	-1.01	18.23	33	Pass
Band2	15	1902.5	QPSK	75	LOW	17.88	24.28	6.4	13	-1.01	16.87	33	Pass
Band2	15	1902.5	QPSK	38	LOW	17.94	24.14	6.2	13	-1.01	16.93	33	Pass
Band2	15	1902.5	QPSK	38	MID	17.94	24.18	6.24	13	-1.01	16.93	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	17.94	24.25	6.31	13	-1.01	16.93	33	Pass
Band2	15	1902.5	QPSK	1	LOW	19.82	22.78	2.96	13	-1.01	18.81	33	Pass
Band2	15	1902.5	QPSK	1	MID	18.4	23.28	4.88	13	-1.01	17.39	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	18.78	22.9	4.12	13	-1.01	17.77	33	Pass
Band2	15	1902.5	16QAM	16	LOW	18.82	23.13	4.31	13	-1.01	17.81	33	Pass
Band2	15	1902.5	16QAM	8	LOW	19.19	23.04	3.85	13	-1.01	18.18	33	Pass
Band2	15	1902.5	16QAM	8	MID	19.22	23.07	3.85	13	-1.01	18.21	33	Pass
Band2	15	1902.5	16QAM	8	HIGH	16.51	22.94	6.43	13	-1.01	15.5	33	Pass
Band2	15	1902.5	16QAM	1	LOW	19.18	22.68	3.5	13	-1.01	18.17	33	Pass
Band2	15	1902.5	16QAM	1	MID	17.71	22.85	5.14	13	-1.01	16.7	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	18.03	22.48	4.45	13	-1.01	17.02	33	Pass
Band2	20	1860	QPSK	100	LOW	18.63	24.75	6.12	13	-1.01	17.62	33	Pass
Band2	20	1860	QPSK	50	LOW	20.85	24.74	3.89	13	-1.01	19.84	33	Pass
Band2	20	1860	QPSK	50	MID	20.83	24.76	3.93	13	-1.01	19.82	33	Pass
Band2	20	1860	QPSK	50	HIGH	19.56	24.93	5.37	13	-1.01	18.55	33	Pass
Band2	20	1860	QPSK	1	LOW	20.53	23.8	3.27	13	-1.01	19.52	33	Pass
Band2	20	1860	QPSK	1	MID	19.83	23.77	3.94	13	-1.01	18.82	33	Pass
Band2	20	1860	QPSK	1	HIGH	18.31	23.94	5.63	13	-1.01	17.3	33	Pass
Band2	20	1860	16QAM	18	LOW	20.09	24.32	4.23	13	-1.01	19.08	33	Pass
Band2	20	1860	16QAM	9	LOW	19.36	24.07	4.71	13	-1.01	18.35	33	Pass
Band2	20	1860	16QAM	9	MID	19.33	24.04	4.71	13	-1.01	18.32	33	Pass
Band2	20	1860	16QAM	9	HIGH	16.95	24.07	7.12	13	-1.01	15.94	33	Pass
Band2	20	1860	16QAM	1	LOW	20.05	24.03	3.98	13	-1.01	19.04	33	Pass
Band2	20	1860	16QAM	1	MID	19.32	23.8	4.48	13	-1.01	18.31	33	Pass

Band2	20	1860	16QAM	1	HIGH	17.73	24.02	6.29	13	-1.01	16.72	33	Pass
Band2	20	1880	QPSK	100	LOW	17.65	24.44	6.79	13	-1.01	16.64	33	Pass
Band2	20	1880	QPSK	50	LOW	18.84	25.37	6.53	13	-1.01	17.83	33	Pass
Band2	20	1880	QPSK	50	MID	18.8	25.39	6.59	13	-1.01	17.79	33	Pass
Band2	20	1880	QPSK	50	HIGH	19.77	25.18	5.41	13	-1.01	18.76	33	Pass
Band2	20	1880	QPSK	1	LOW	18.75	23.93	5.18	13	-1.01	17.74	33	Pass
Band2	20	1880	QPSK	1	MID	18.71	23.52	4.81	13	-1.01	17.7	33	Pass
Band2	20	1880	QPSK	1	HIGH	19.95	23.34	3.39	13	-1.01	18.94	33	Pass
Band2	20	1880	16QAM	18	LOW	17.62	25.27	7.65	13	-1.01	16.61	33	Pass
Band2	20	1880	16QAM	9	LOW	16.69	24.77	8.08	13	-1.01	15.68	33	Pass
Band2	20	1880	16QAM	9	MID	16.72	24.82	8.1	13	-1.01	15.71	33	Pass
Band2	20	1880	16QAM	9	HIGH	18.45	23.97	5.52	13	-1.01	17.44	33	Pass
Band2	20	1880	16QAM	1	LOW	18.28	24.44	6.16	13	-1.01	17.27	33	Pass
Band2	20	1880	16QAM	1	MID	18.18	24.25	6.07	13	-1.01	17.17	33	Pass
Band2	20	1880	16QAM	1	HIGH	19.47	23.29	3.82	13	-1.01	18.46	33	Pass
Band2	20	1900	QPSK	100	LOW	18.27	24.3	6.03	13	-1.01	17.26	33	Pass
Band2	20	1900	QPSK	50	LOW	20.03	23.74	3.71	13	-1.01	19.02	33	Pass
Band2	20	1900	QPSK	50	MID	20.04	23.8	3.76	13	-1.01	19.03	33	Pass
Band2	20	1900	QPSK	50	HIGH	18.93	24.52	5.59	13	-1.01	17.92	33	Pass
Band2	20	1900	QPSK	1	LOW	20.28	23.01	2.73	13	-1.01	19.27	33	Pass
Band2	20	1900	QPSK	1	MID	18.9	22.96	4.06	13	-1.01	17.89	33	Pass
Band2	20	1900	QPSK	1	HIGH	18.46	22.76	4.3	13	-1.01	17.45	33	Pass
Band2	20	1900	16QAM	18	LOW	19.46	23.27	3.81	13	-1.01	18.45	33	Pass
Band2	20	1900	16QAM	9	LOW	19.45	23.38	3.93	13	-1.01	18.44	33	Pass
Band2	20	1900	16QAM	9	MID	19.46	23.37	3.91	13	-1.01	18.45	33	Pass
Band2	20	1900	16QAM	9	HIGH	15.78	22.8	7.02	13	-1.01	14.77	33	Pass
Band2	20	1900	16QAM	1	LOW	19.97	23.23	3.26	13	-1.01	18.96	33	Pass
Band2	20	1900	16QAM	1	MID	18.66	22.89	4.23	13	-1.01	17.65	33	Pass
Band2	20	1900	16QAM	1	HIGH	18.07	23.07	5	13	-1.01	17.06	33	Pass