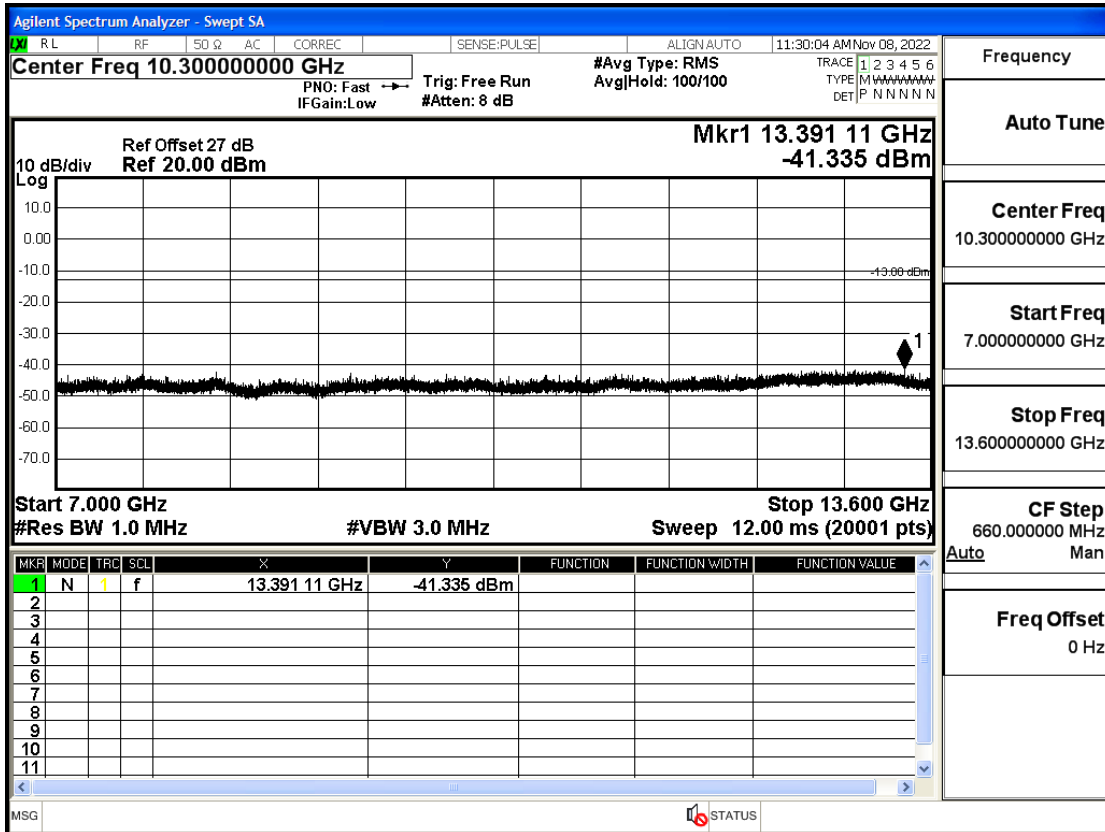
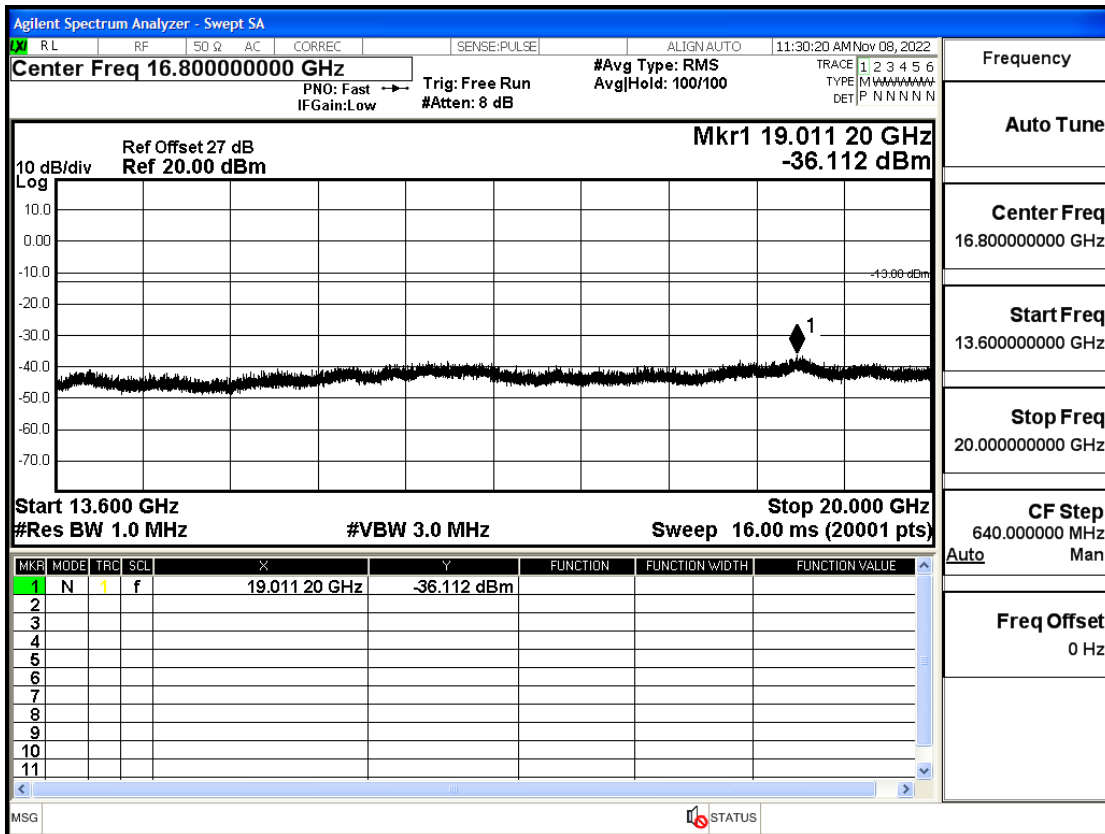


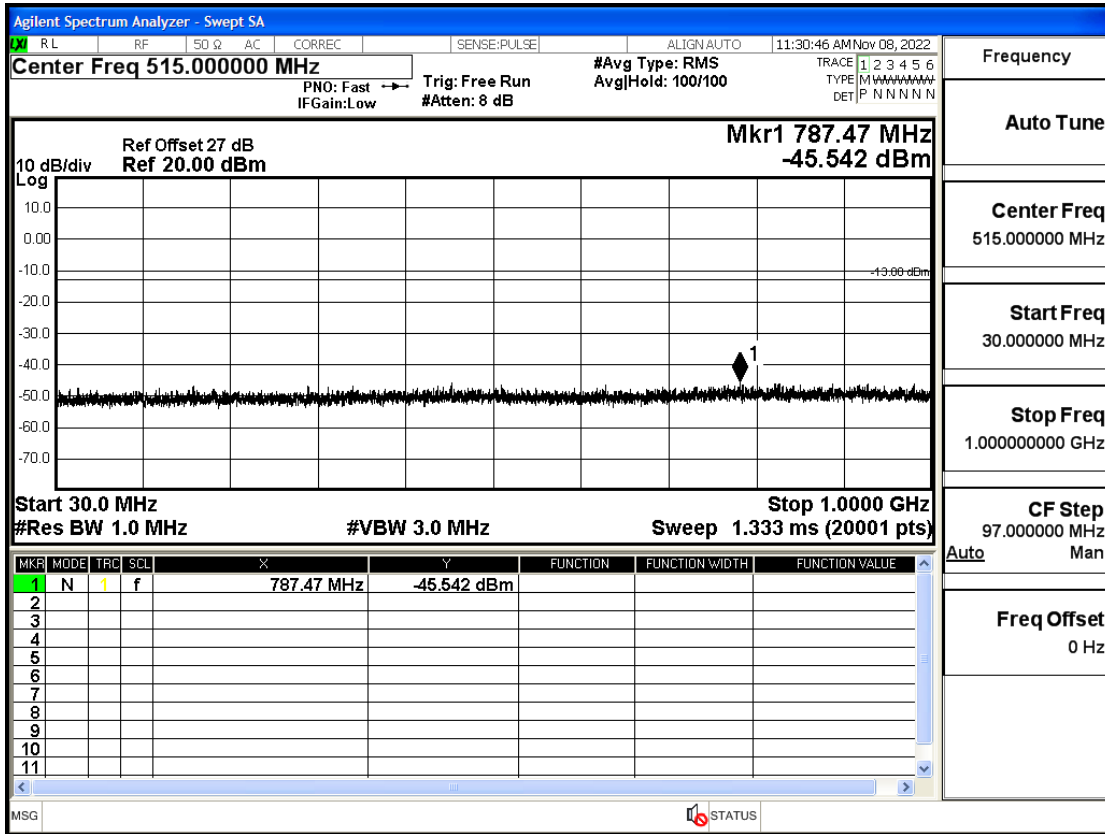
OB2-1.4-1909.3-Q16-6#LOW@7GHz-13.6GHz@Pass



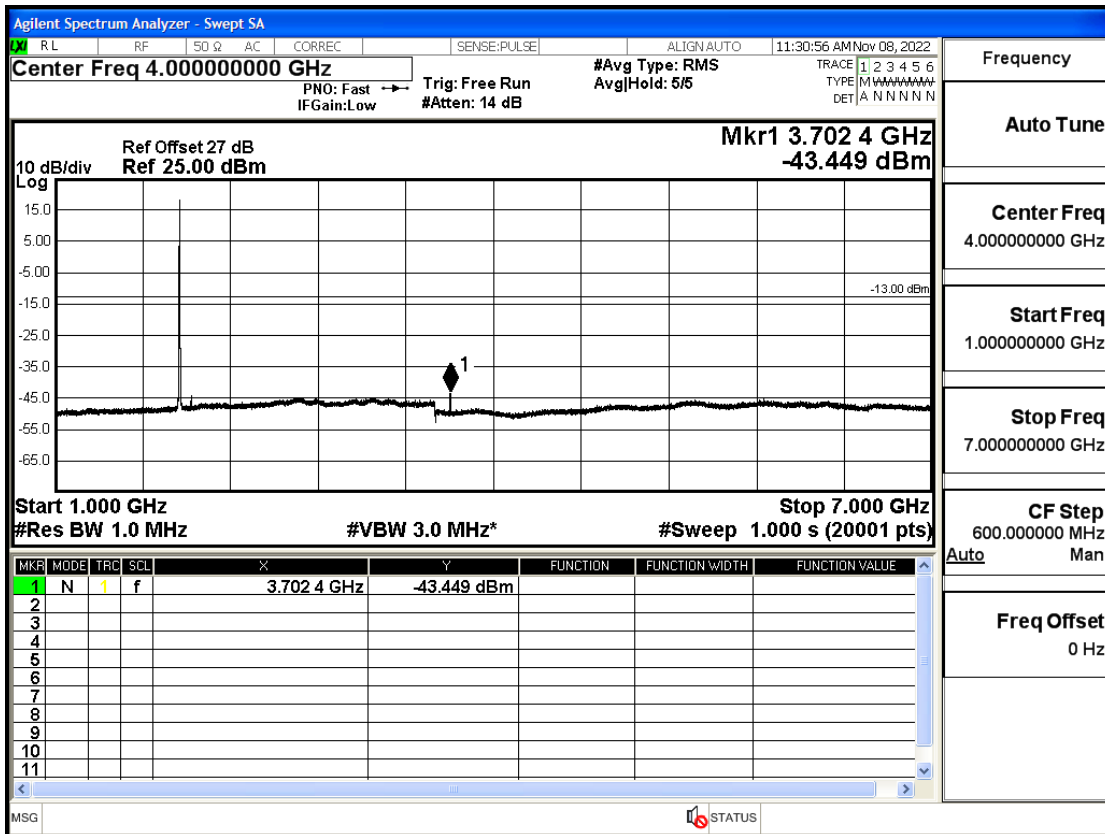
OB2-1.4-1909.3-Q16-6#LOW@13.6GHz-20GHz@Pass



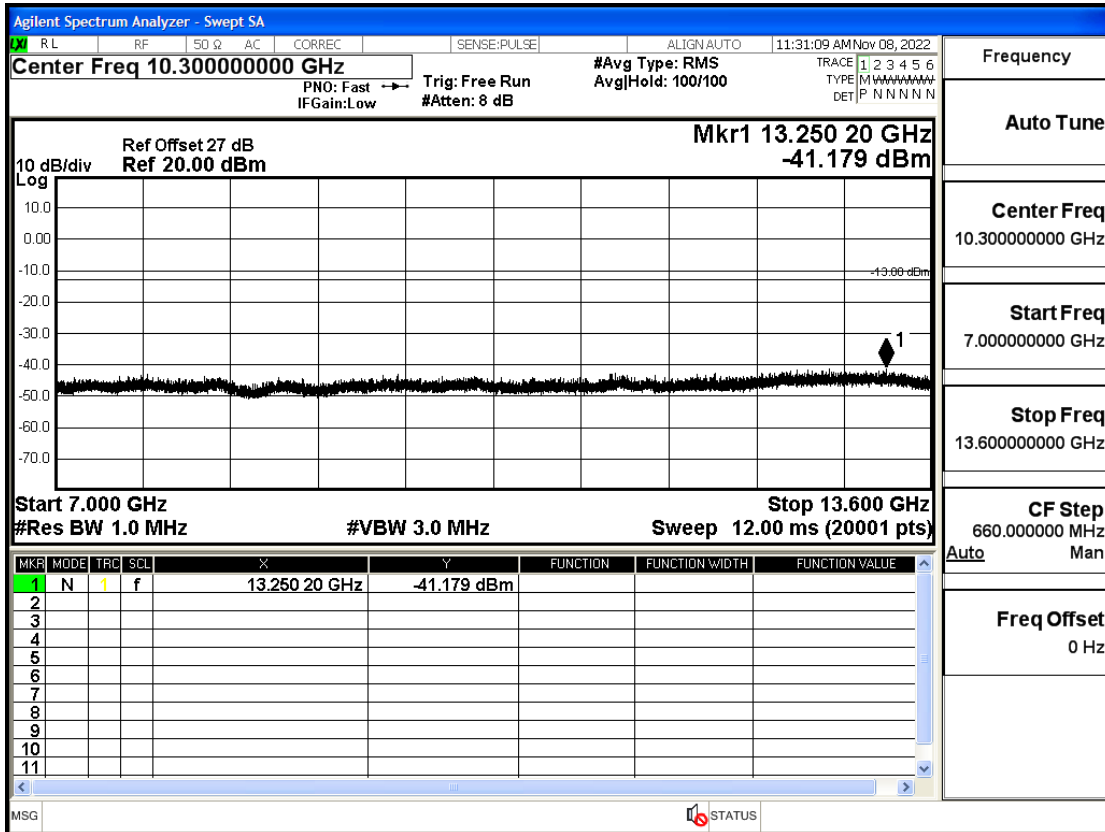
OB2-3-1851.5-Q16-15#LOW@30mHz-1GHz@Pass



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

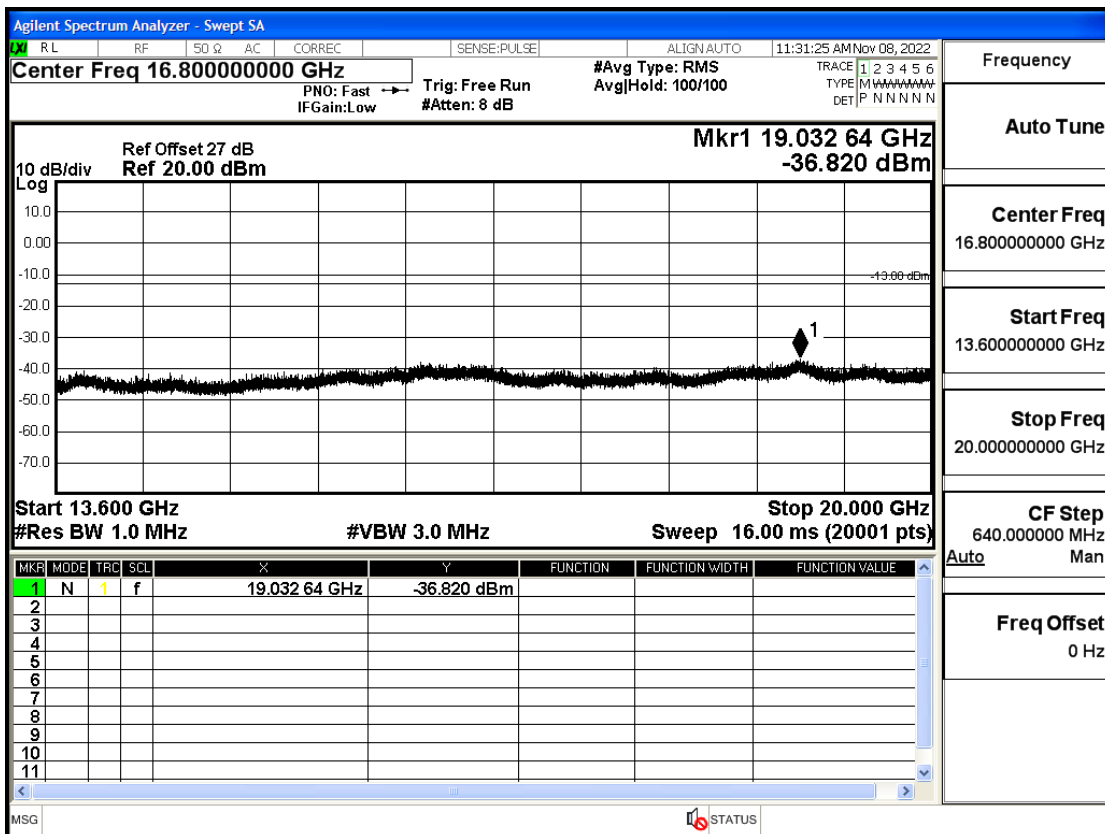


OB2-3-1851.5-Q16-15#LOW@7GHz-13.6GHz@Pass



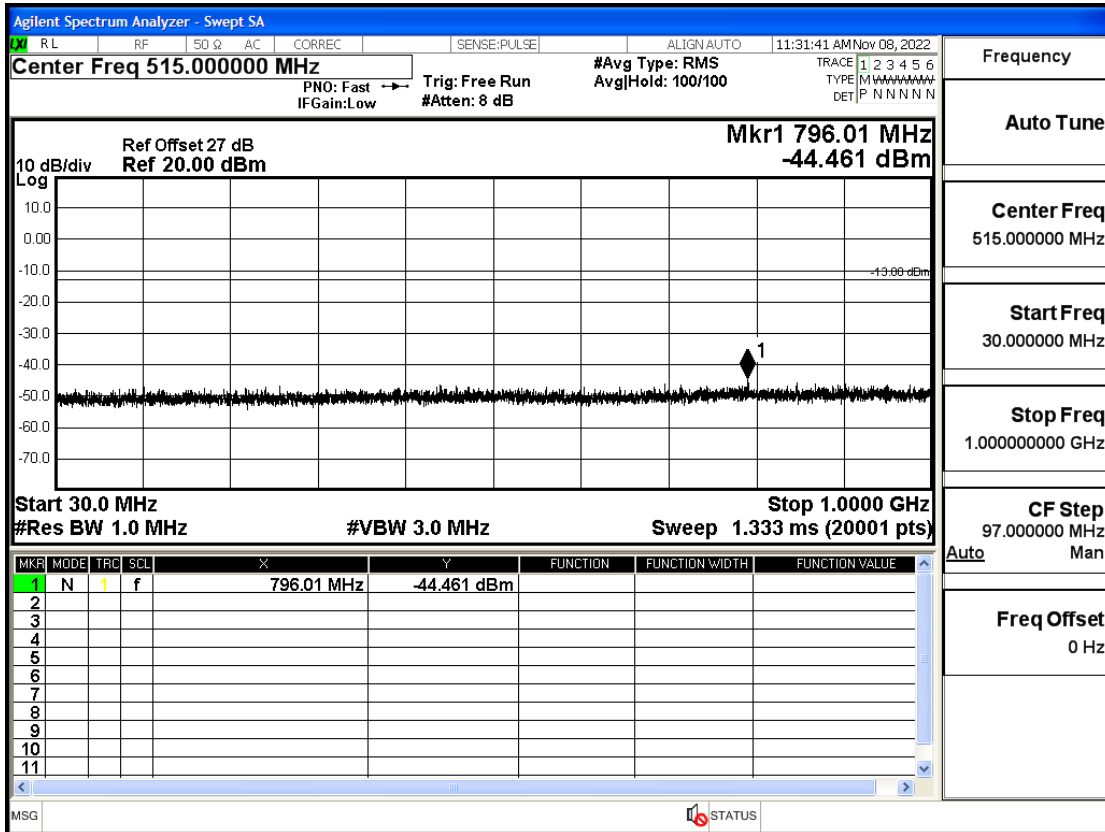
Frequency
Auto Tune
Center Freq 10.30000000 GHz
Start Freq 7.00000000 GHz
Stop Freq 13.60000000 GHz
CF Step 660.000000 MHz
Auto Man
Freq Offset 0 Hz

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

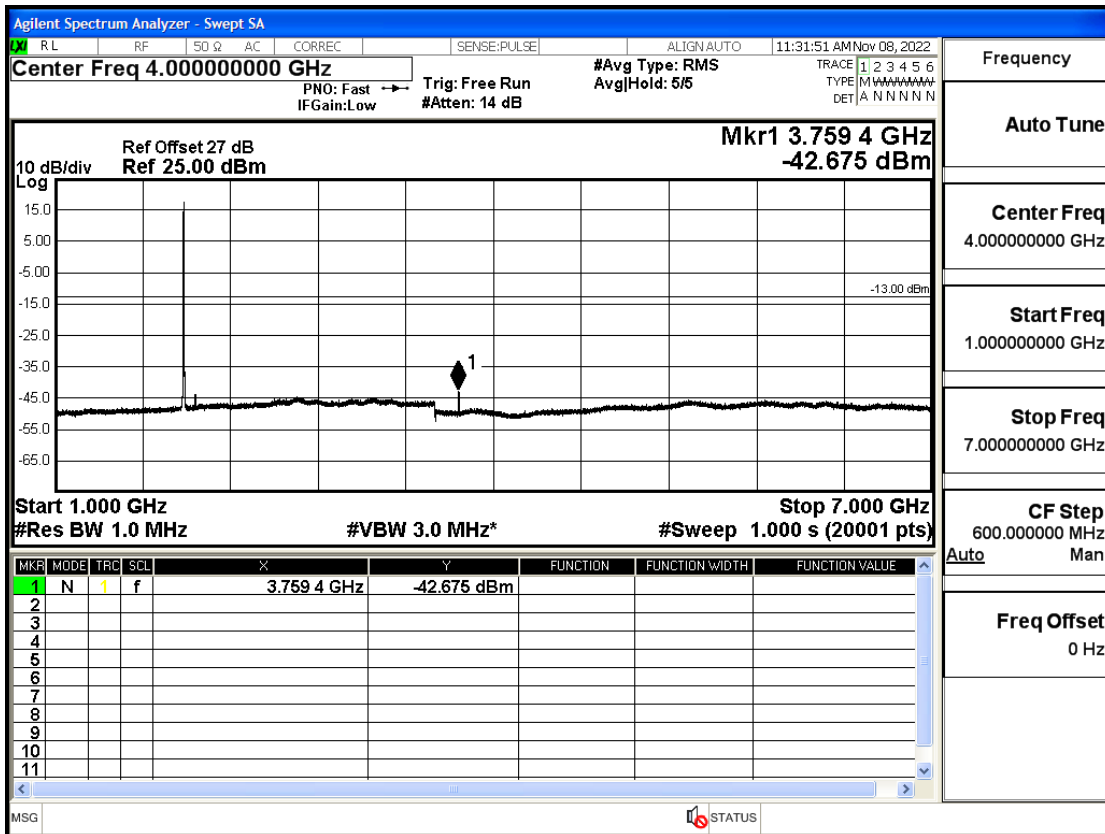


Frequency
Auto Tune
Center Freq 16.80000000 GHz
Start Freq 13.60000000 GHz
Stop Freq 20.00000000 GHz
CF Step 640.000000 MHz
Auto Man
Freq Offset 0 Hz

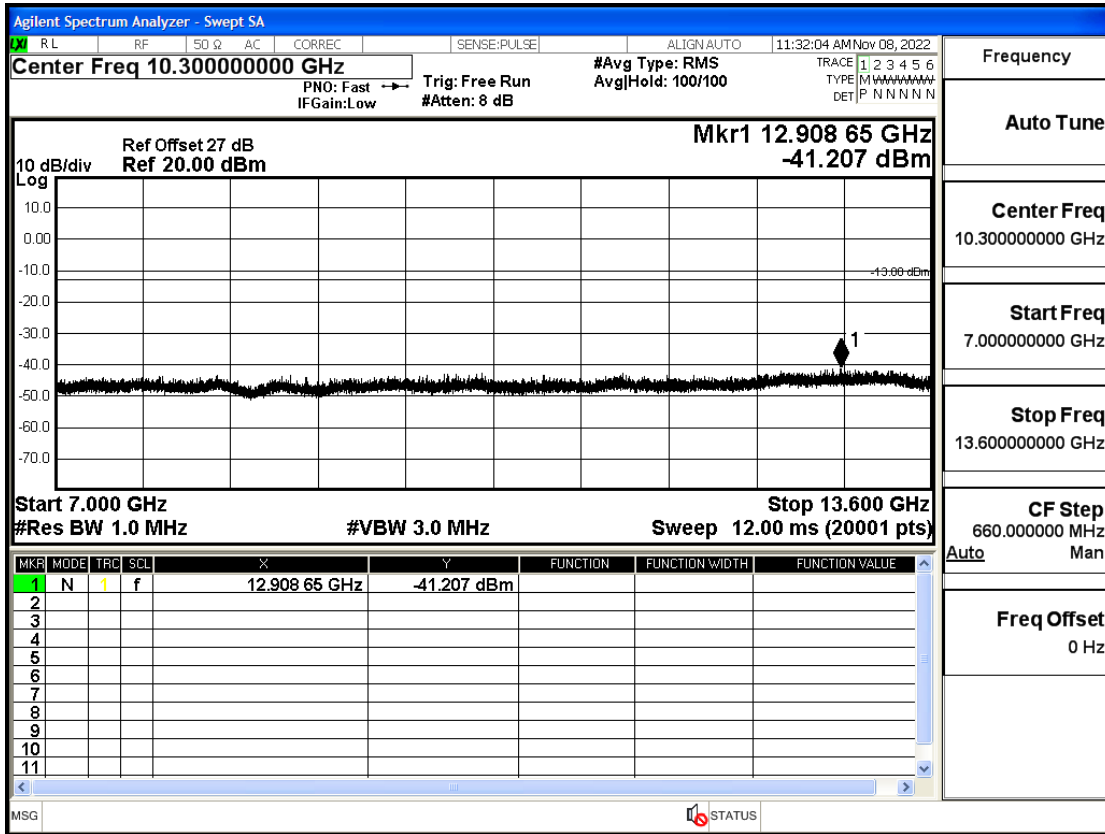
OB2-3-1880-Q16-15#LOW@30mHz-1GHz@Pass



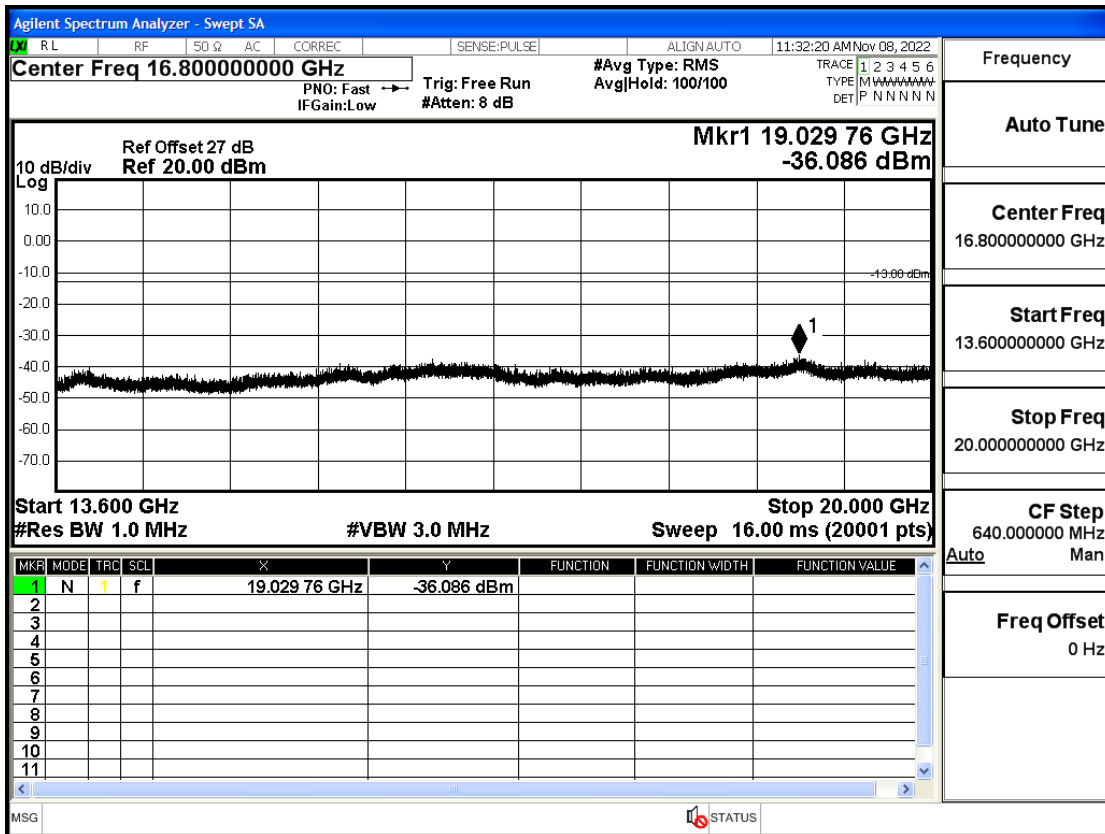
OB2-3-1880-Q16-15#LOW@1GHz-7GHz@Pass



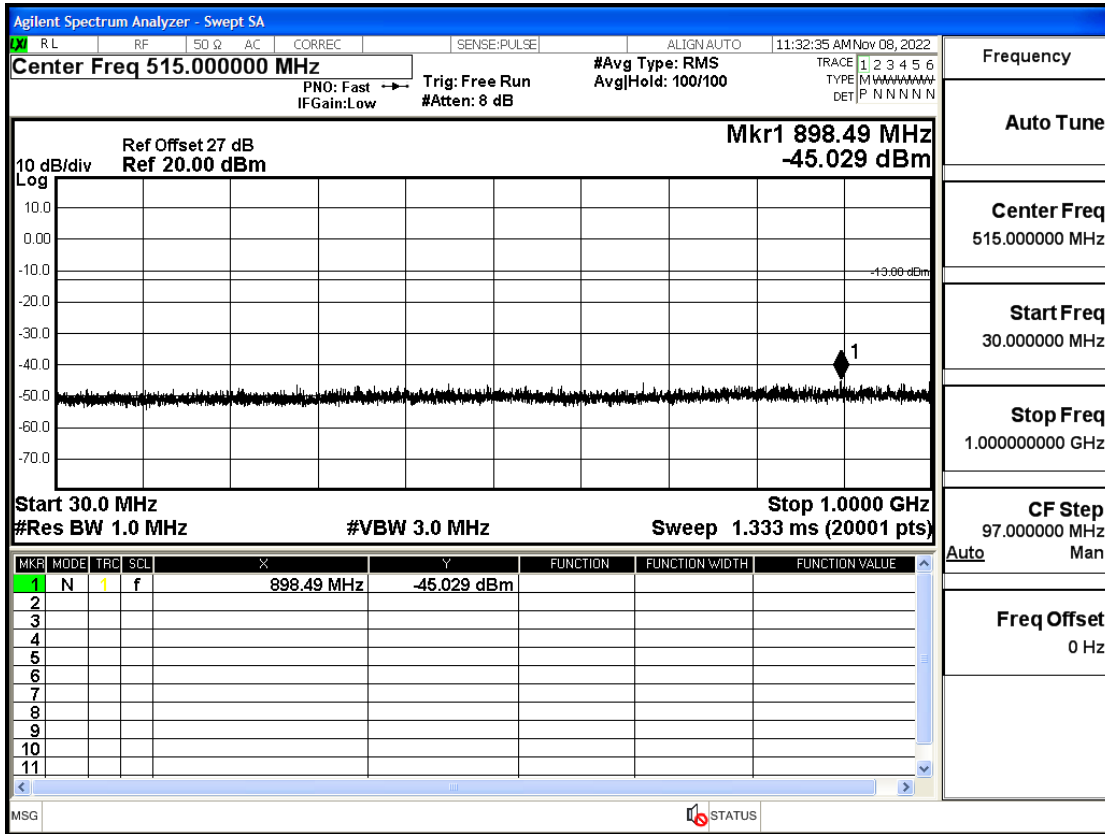
OB2-3-1880-Q16-15#LOW@7GHz-13.6GHz@Pass



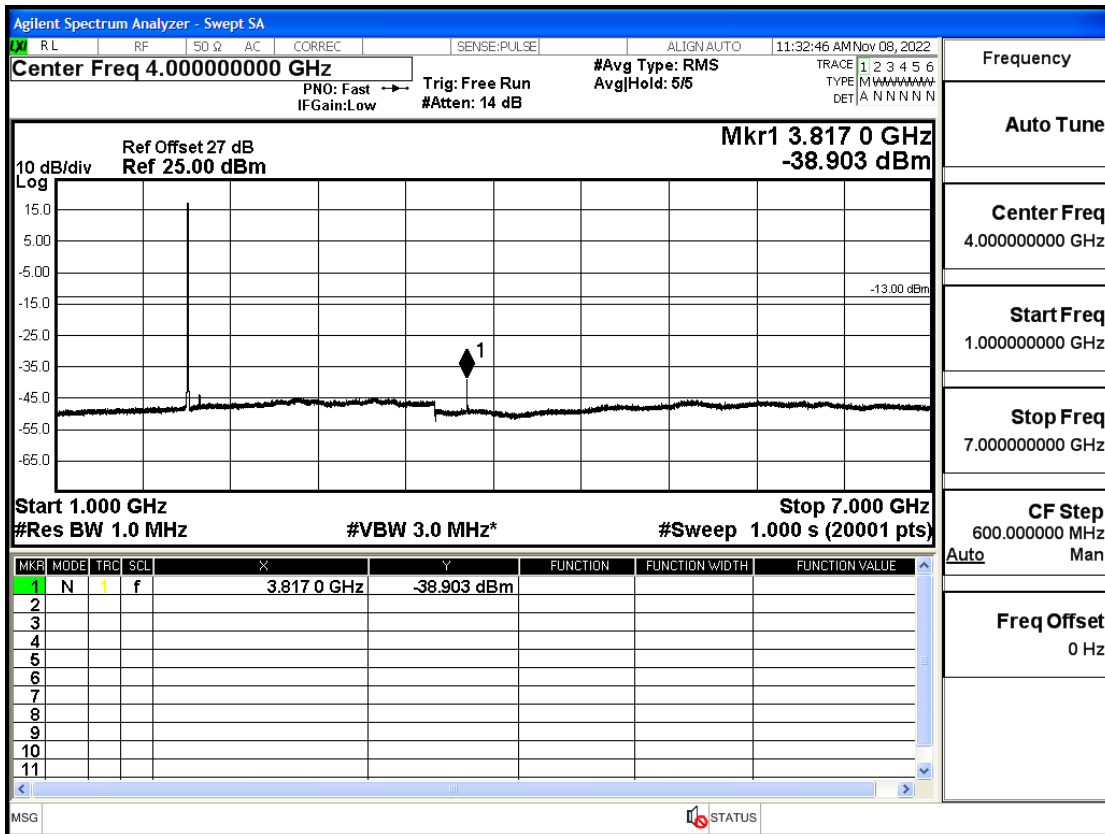
OB2-3-1880-Q16-15#LOW@13.6GHz-20GHz@Pass



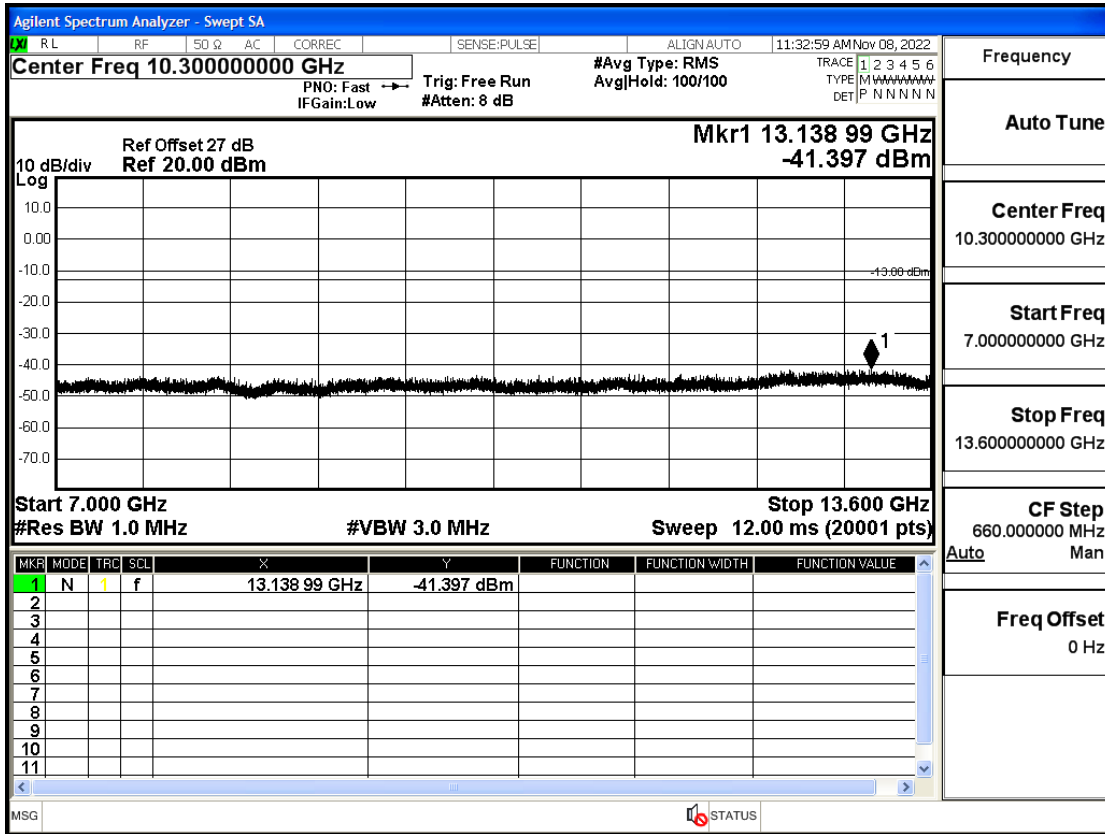
OB2-3-1908.5-Q16-15#LOW@30mHz-1GHz@Pass



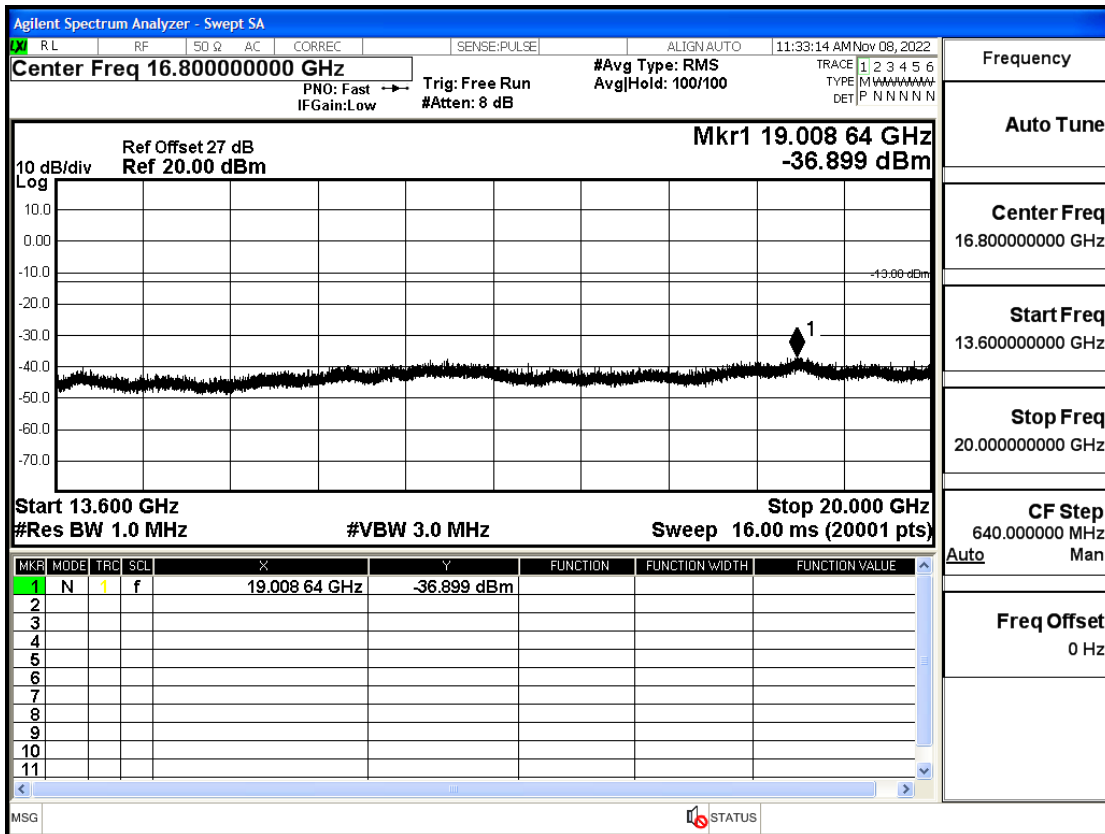
OB2-3-1908.5-Q16-15#LOW@1GHz-7GHz@Pass



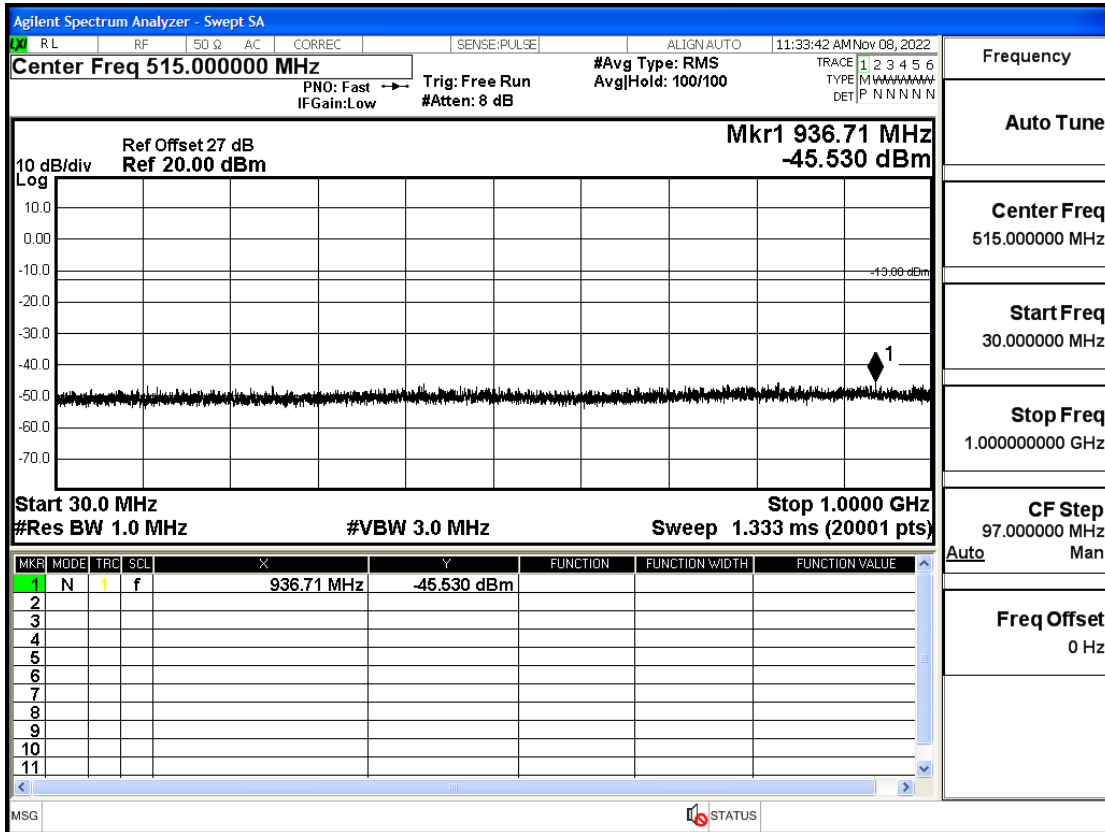
OB2-3-1908.5-Q16-15#LOW@7GHz-13.6GHz@Pass



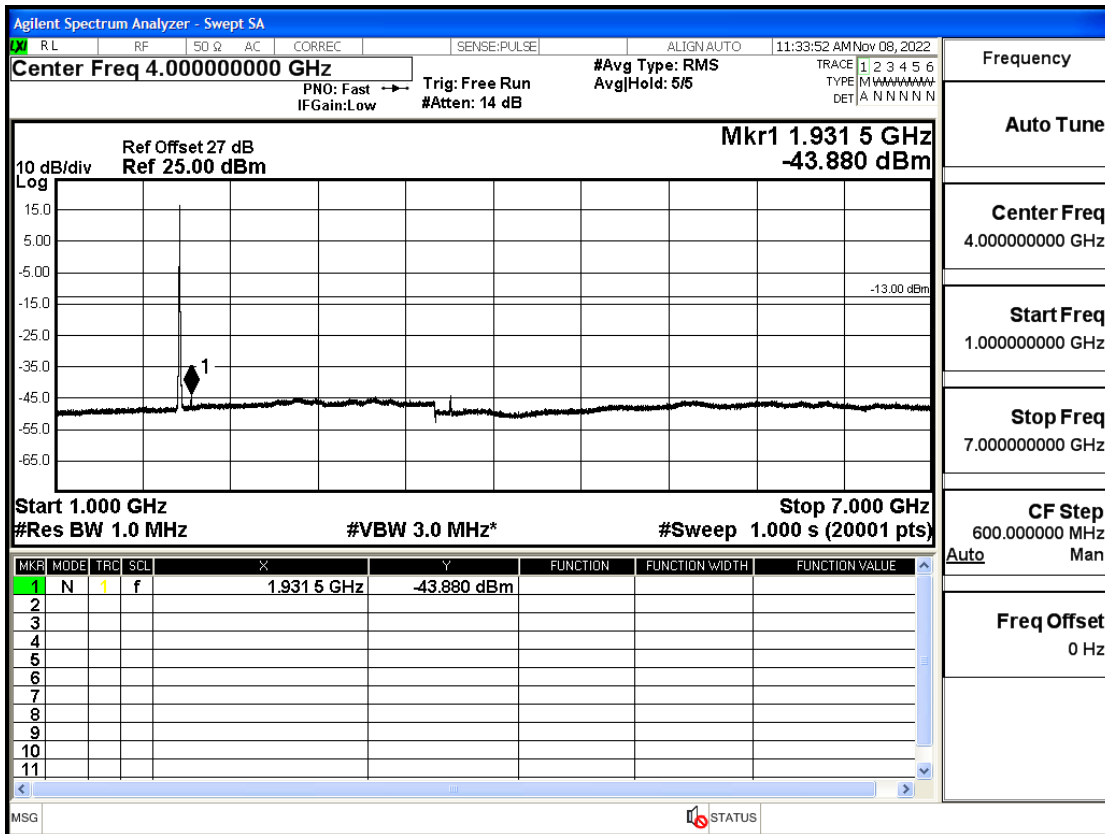
OB2-3-1908.5-Q16-15#LOW@13.6GHz-20GHz@Pass



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

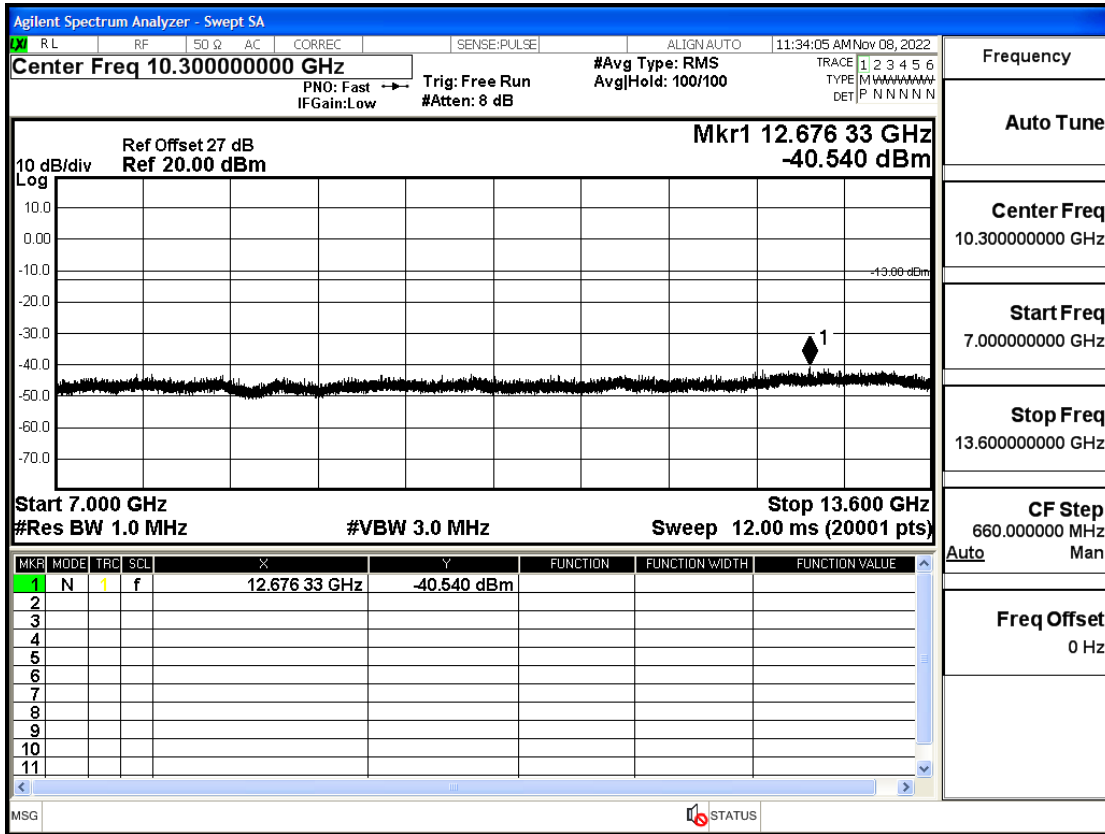


OB2-5-1852.5-Q16-25#LOW@1GHz-7GHz@Pass

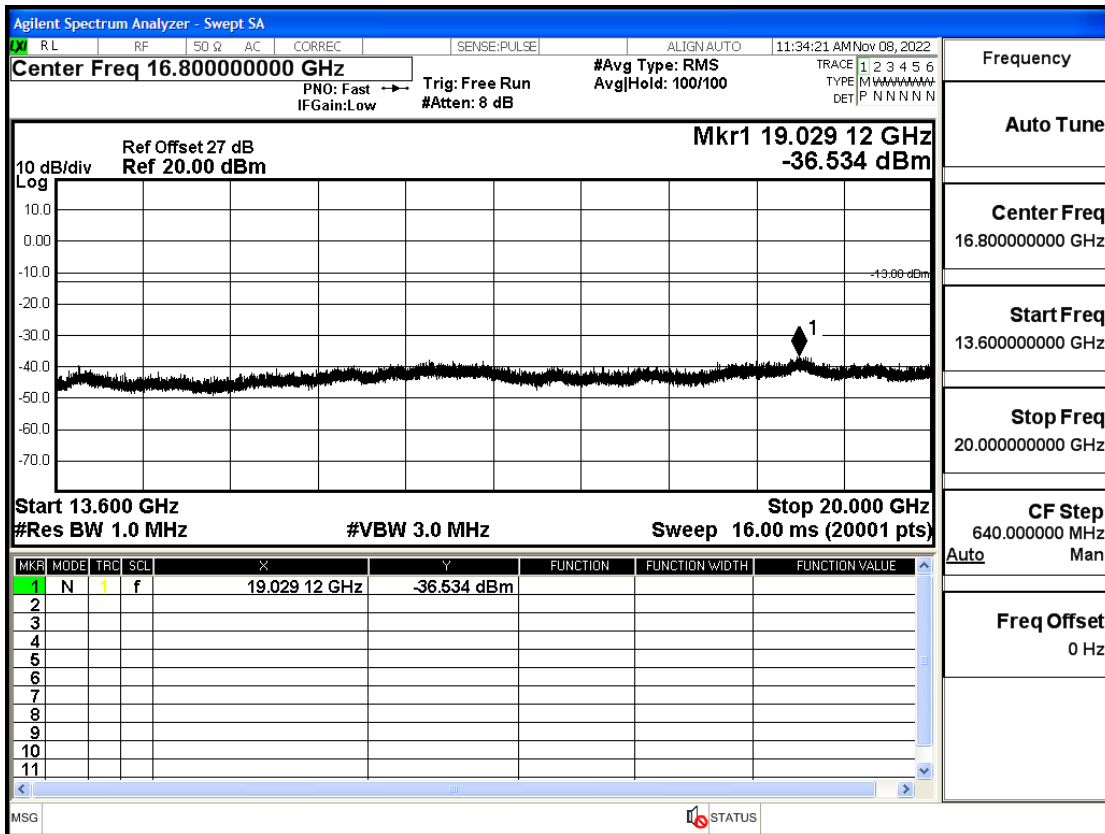




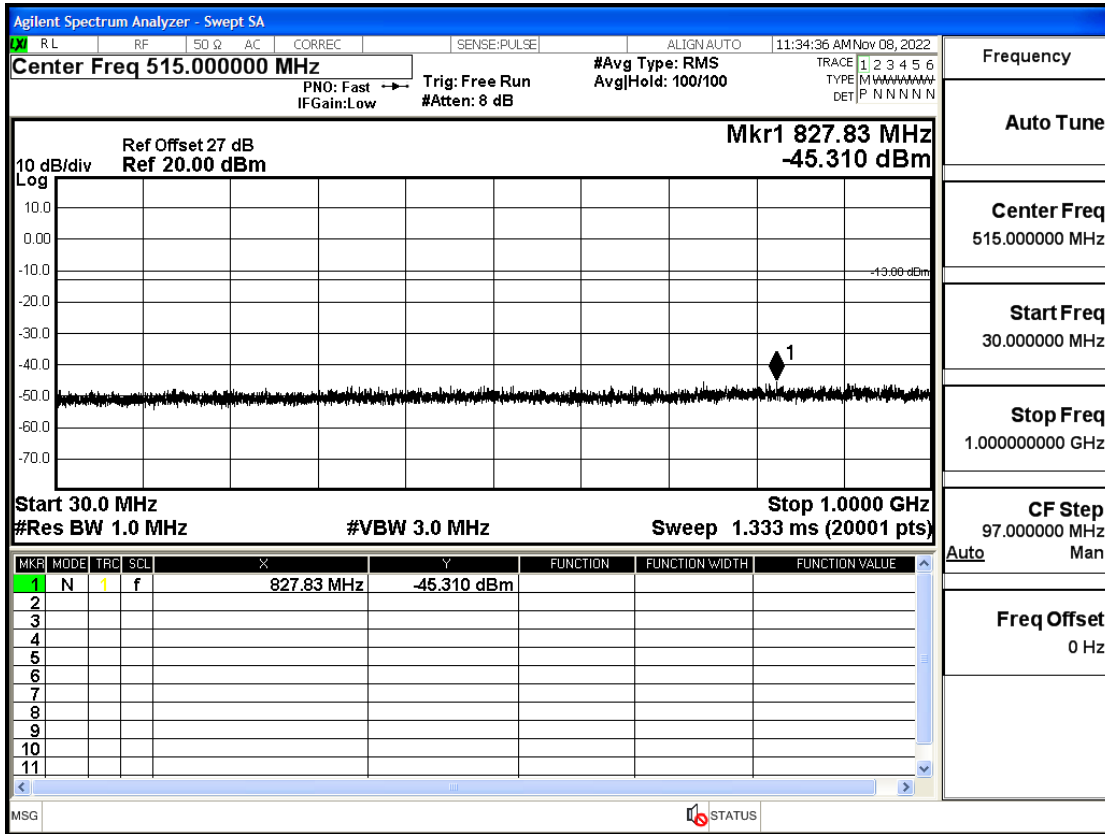
OB2-5-1852.5-Q16-25#LOW@7GHz-13.6GHz@Pass



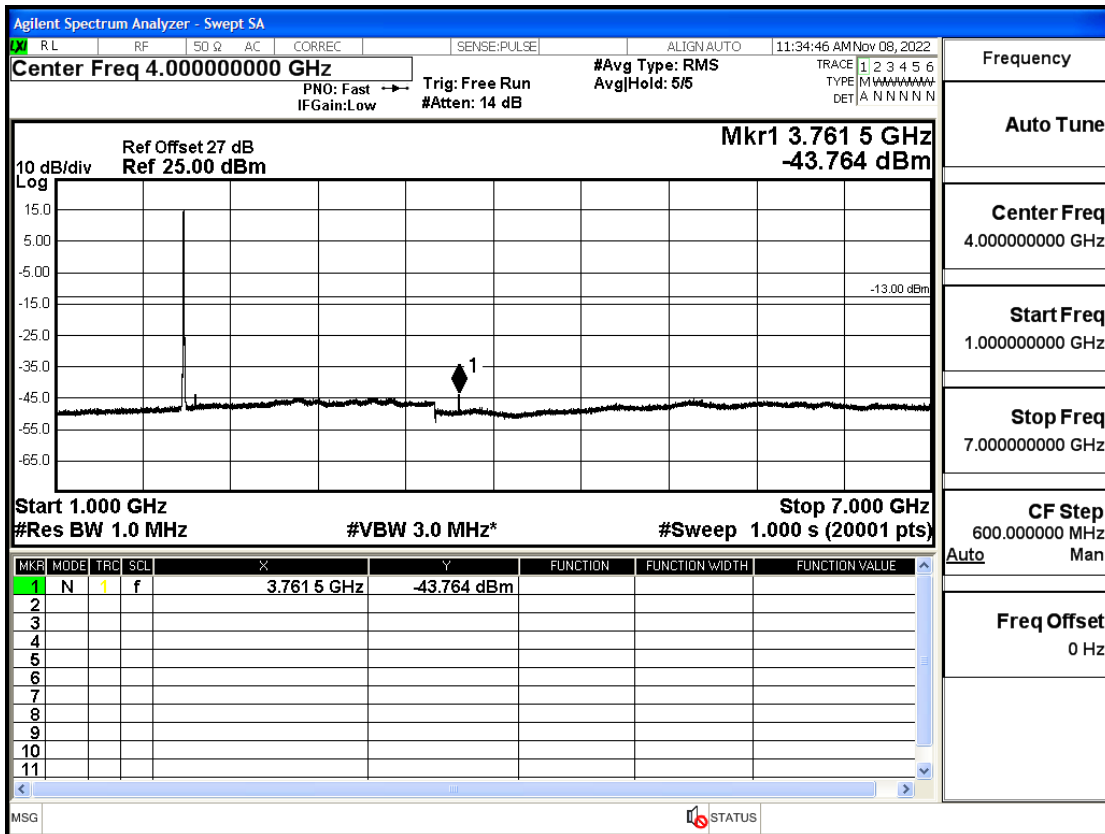
OB2-5-1852.5-Q16-25#LOW@13.6GHz-20GHz@Pass



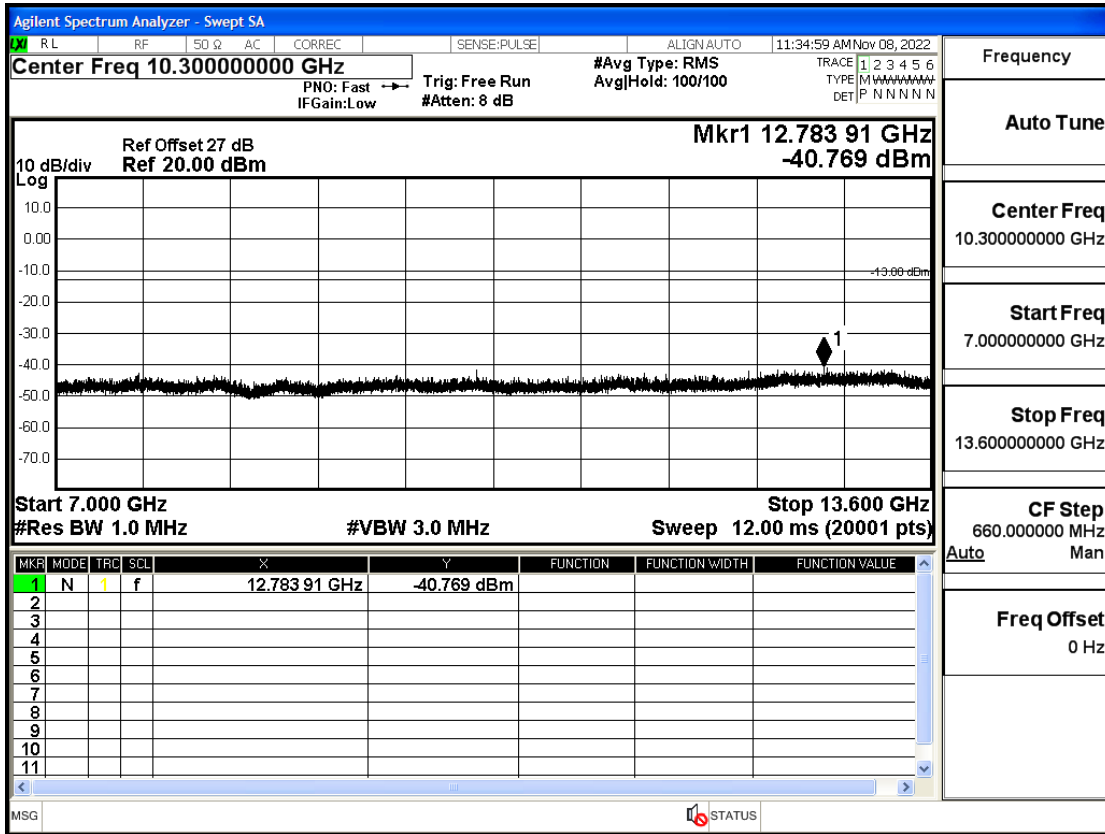
OB2-5-1880-Q16-25#LOW@30mHz-1GHz@Pass



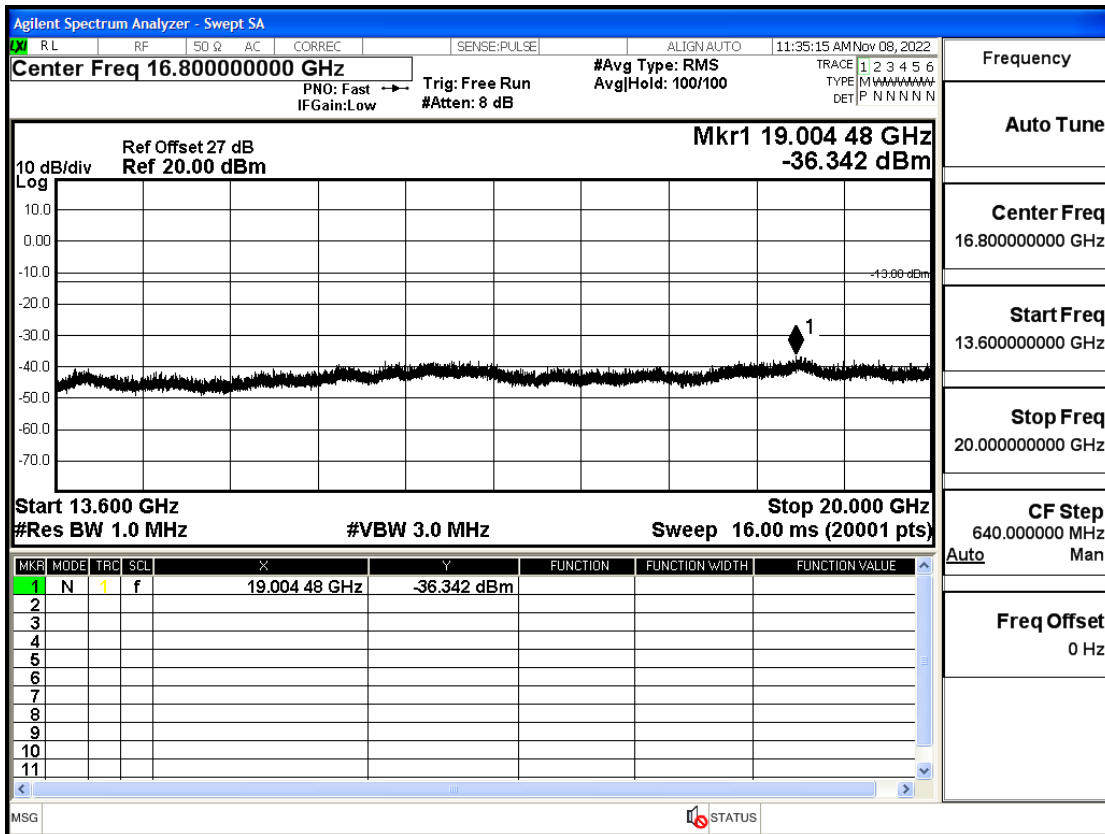
OB2-5-1880-Q16-25#LOW@1GHz-7GHz@Pass



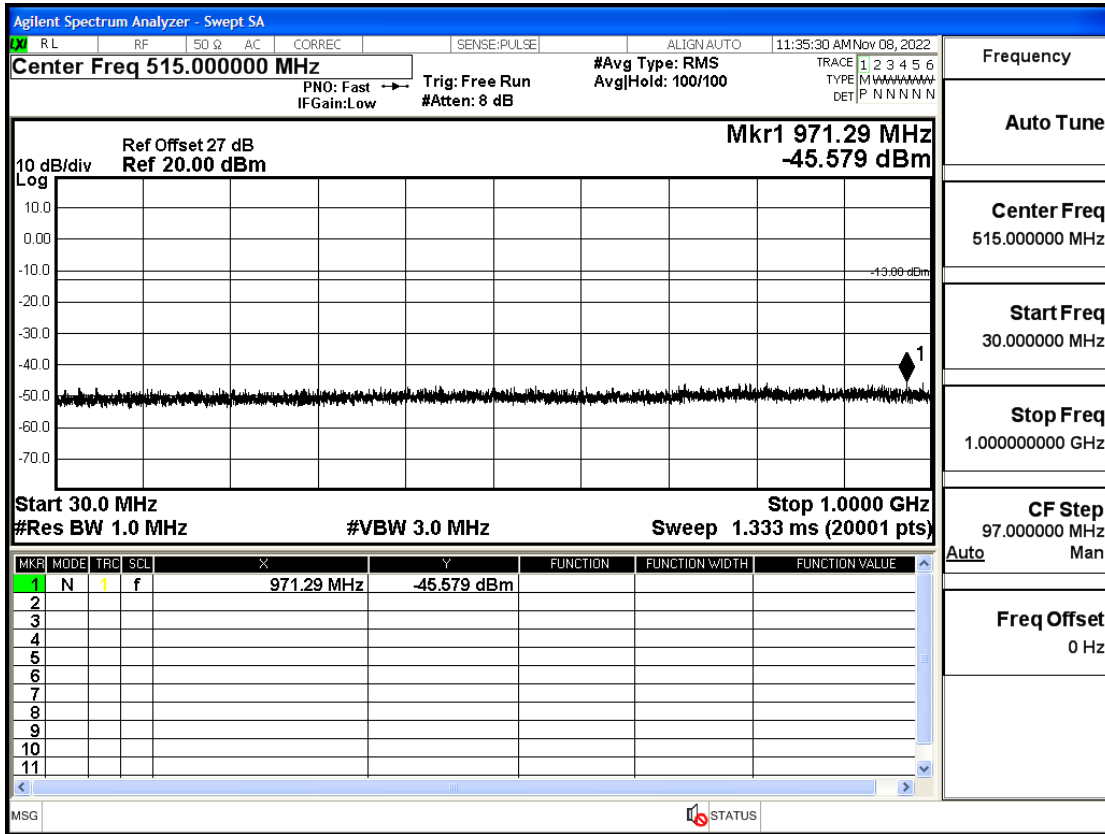
OB2-5-1880-Q16-25#LOW@7GHz-13.6GHz@Pass



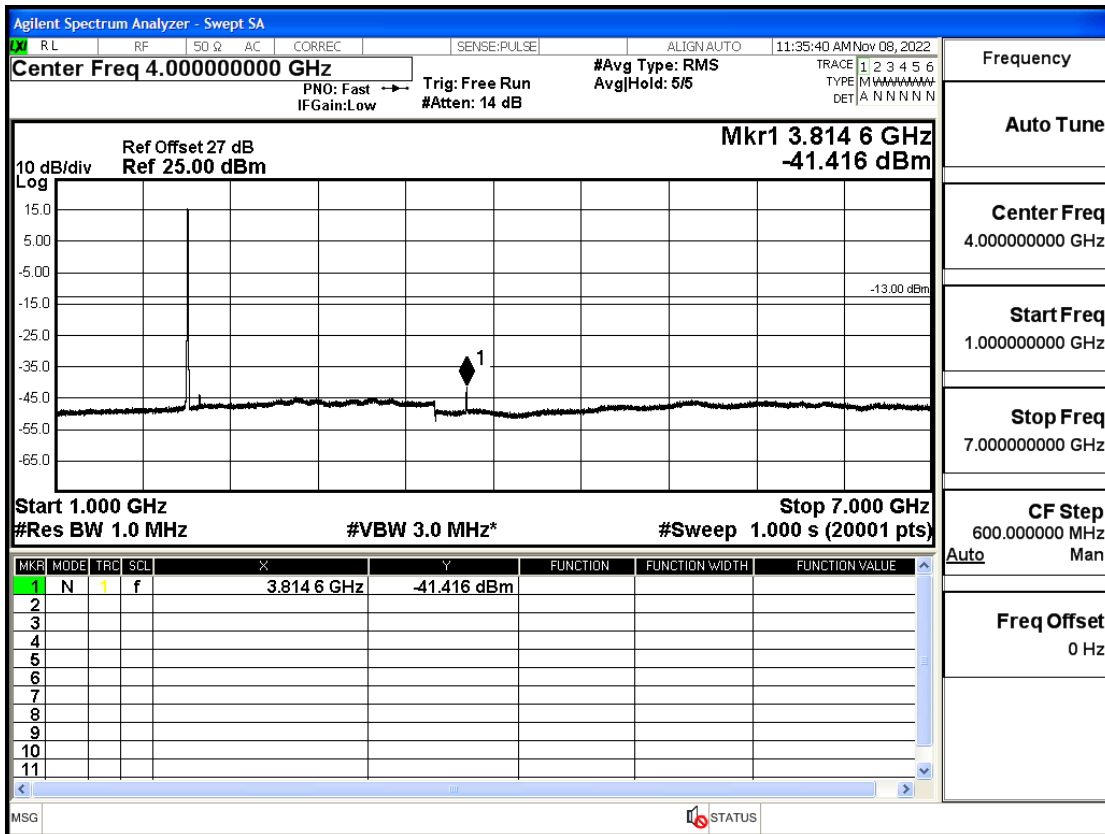
OB2-5-1880-Q16-25#LOW@13.6GHz-20GHz@Pass



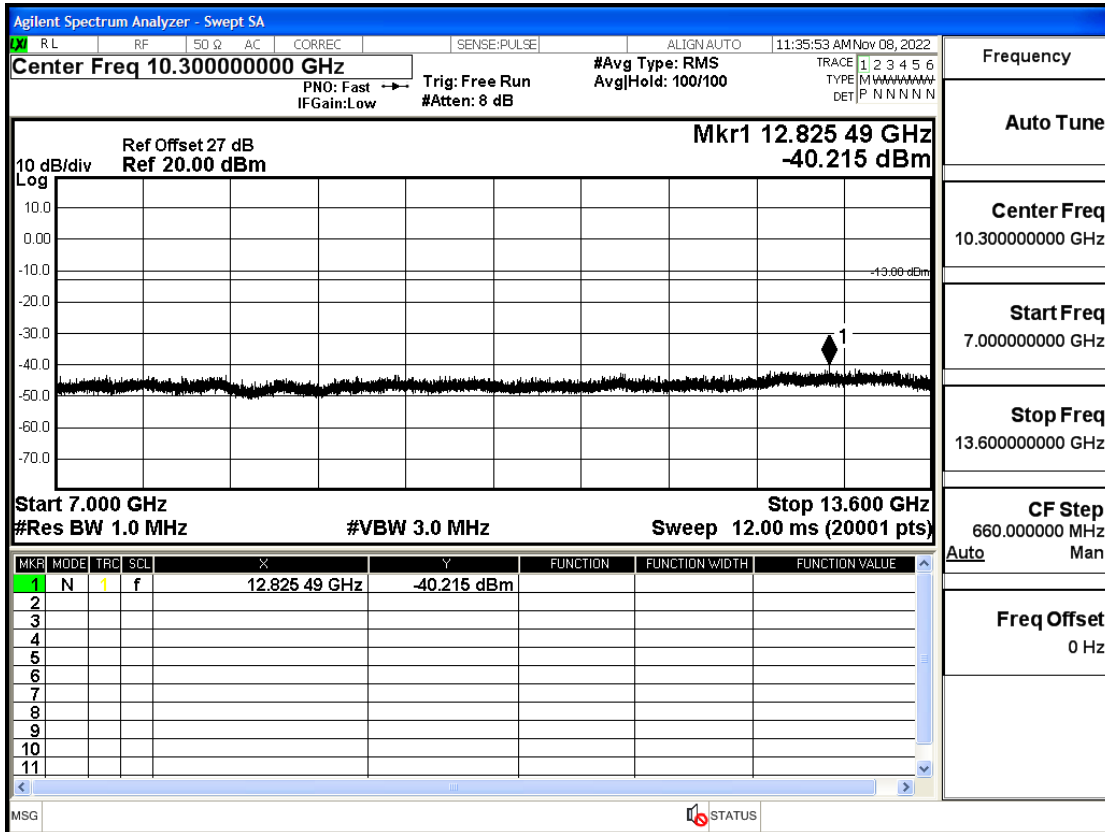
OB2-5-1907.5-Q16-25#LOW@30mHz-1GHz@Pass



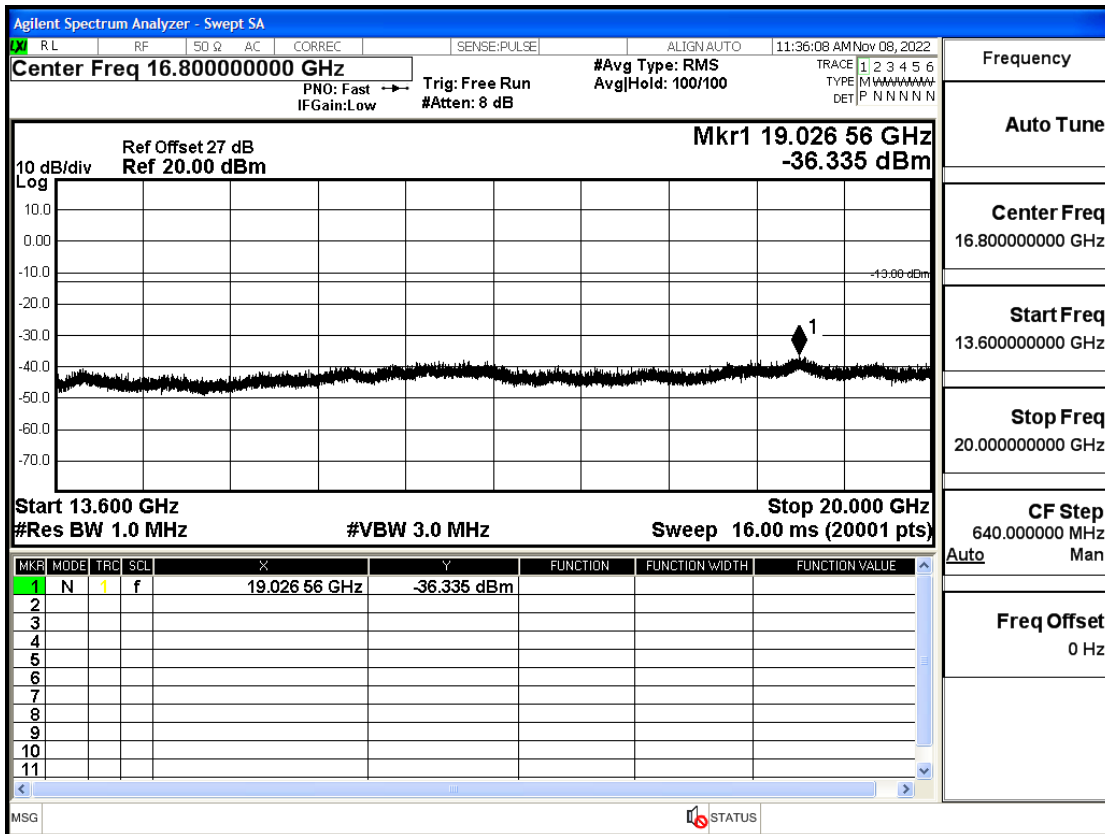
OB2-5-1907.5-Q16-25#LOW@1GHz-7GHz@Pass



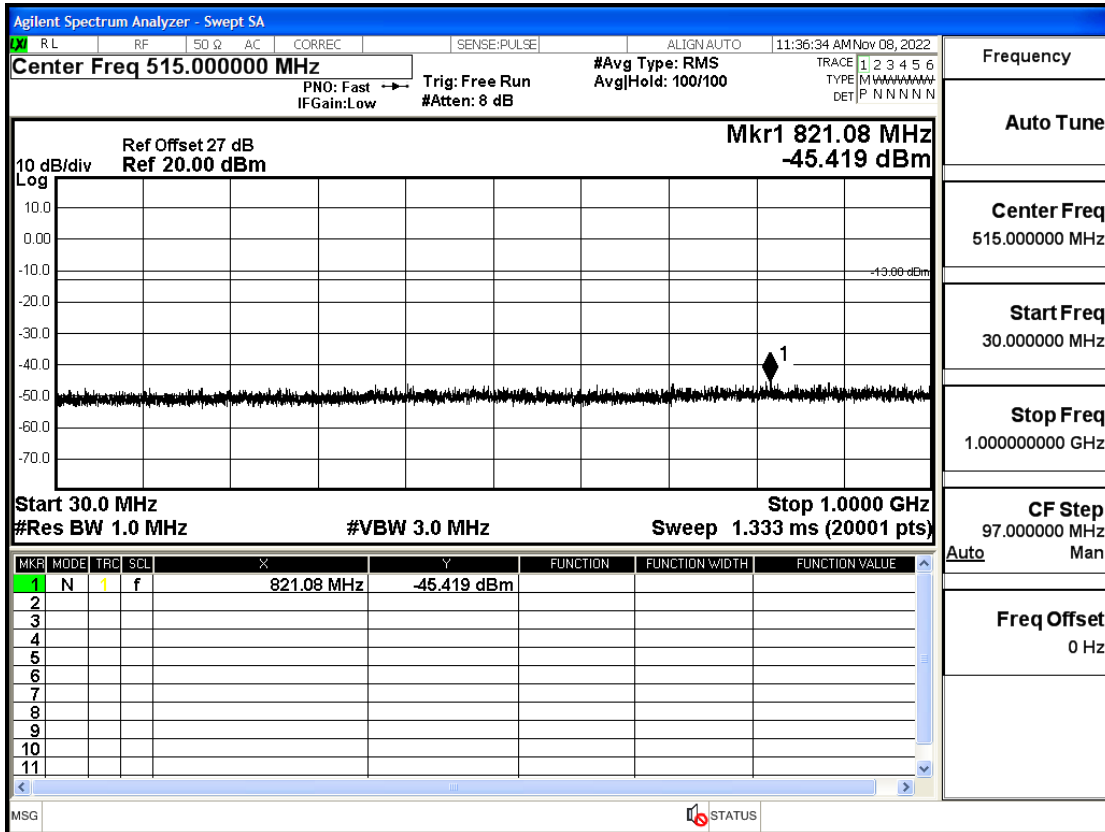
OB2-5-1907.5-Q16-25#LOW@7GHz-13.6GHz@Pass



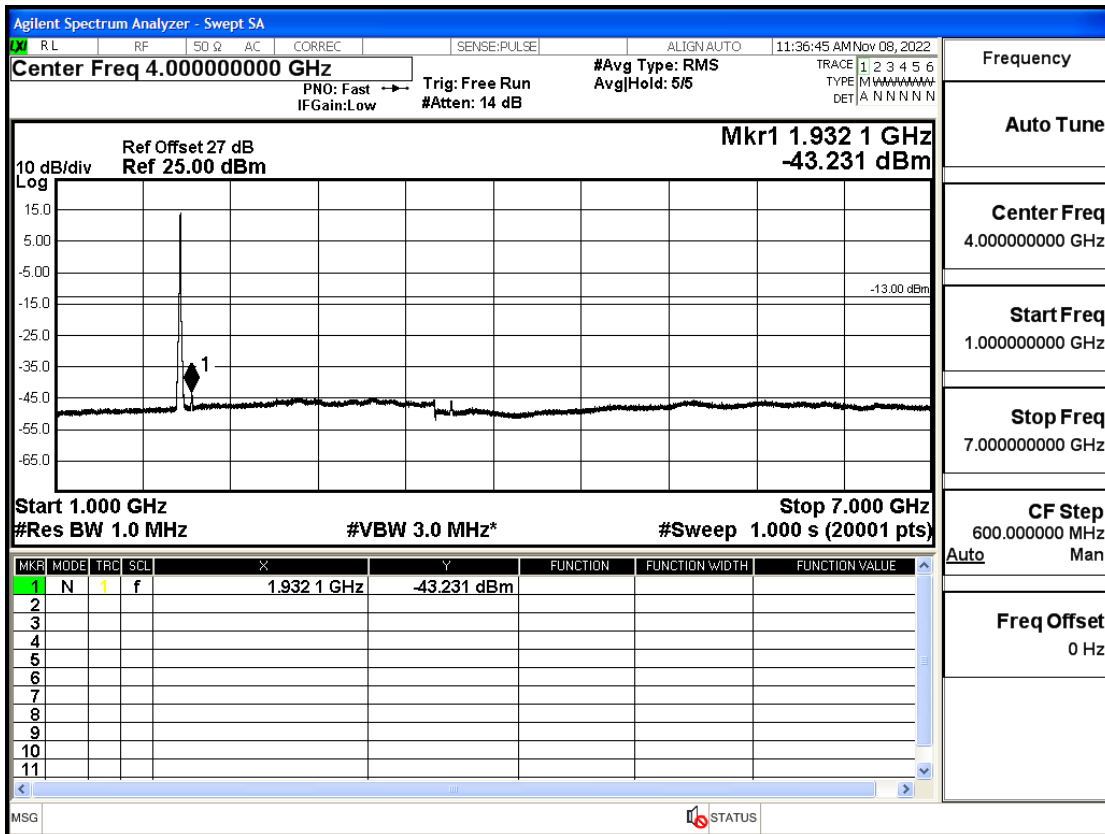
OB2-5-1907.5-Q16-25#LOW@13.6GHz-20GHz@Pass



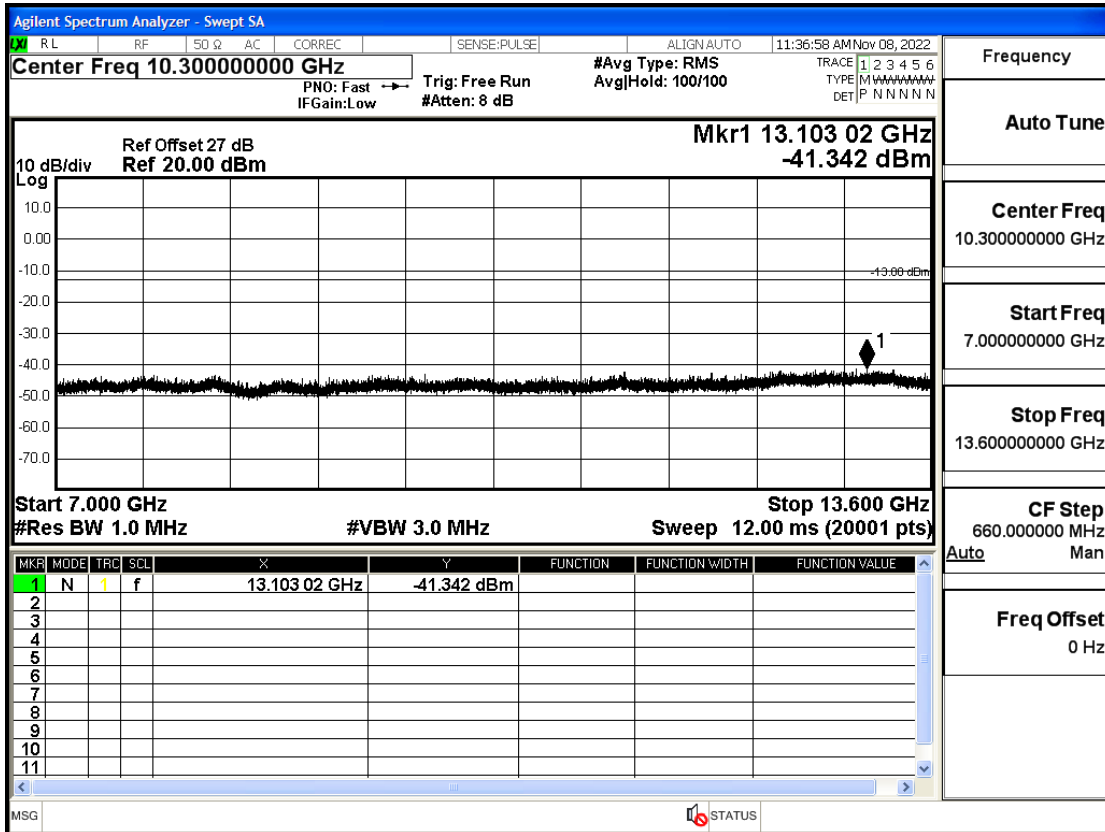
OB2-10-1855-Q16-50#LOW@30mHz-1GHz@Pass



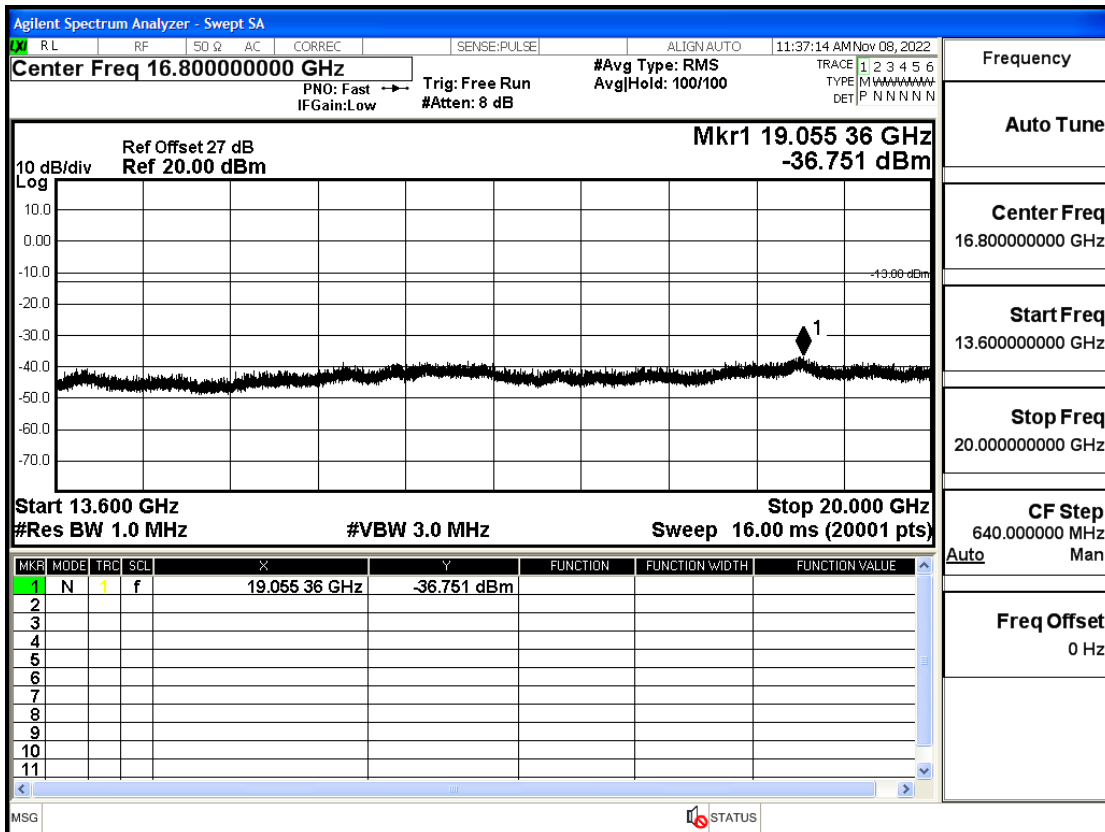
OB2-10-1855-Q16-50#LOW@1GHz-7GHz@Pass



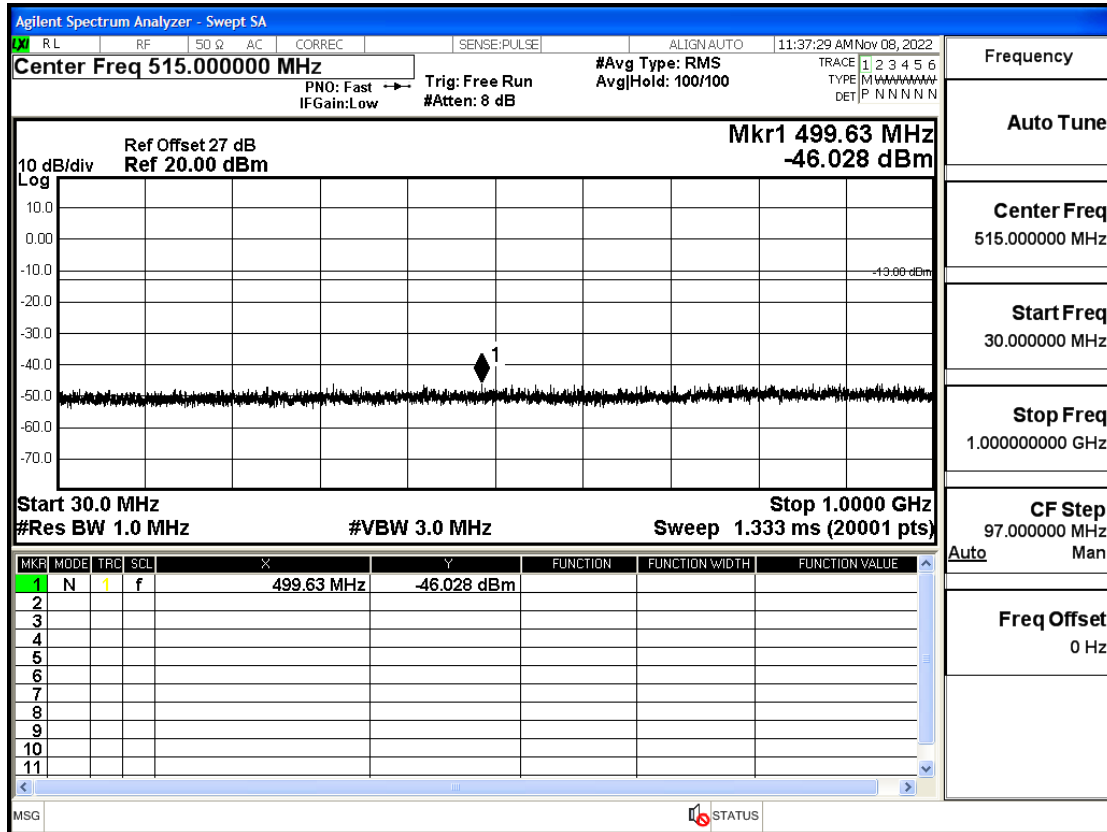
OB2-10-1855-Q16-50#LOW@7GHz-13.6GHz@Pass



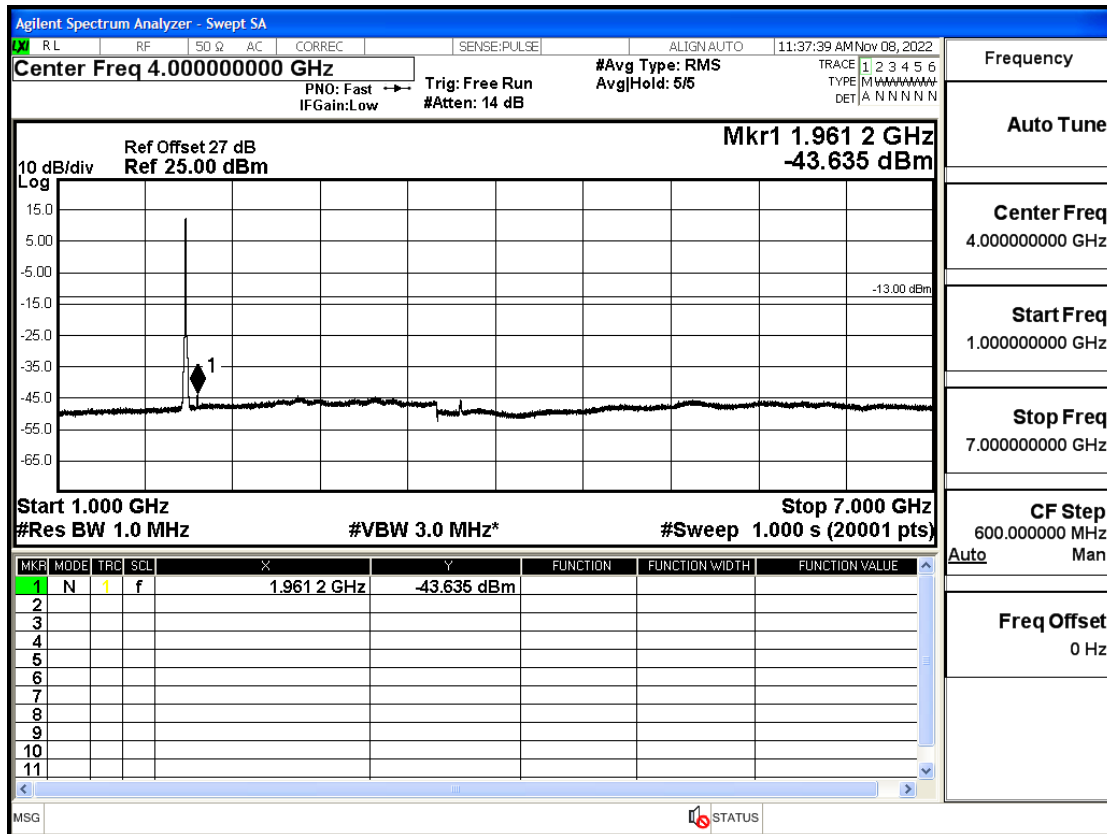
OB2-10-1855-Q16-50#LOW@13.6GHz-20GHz@Pass



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

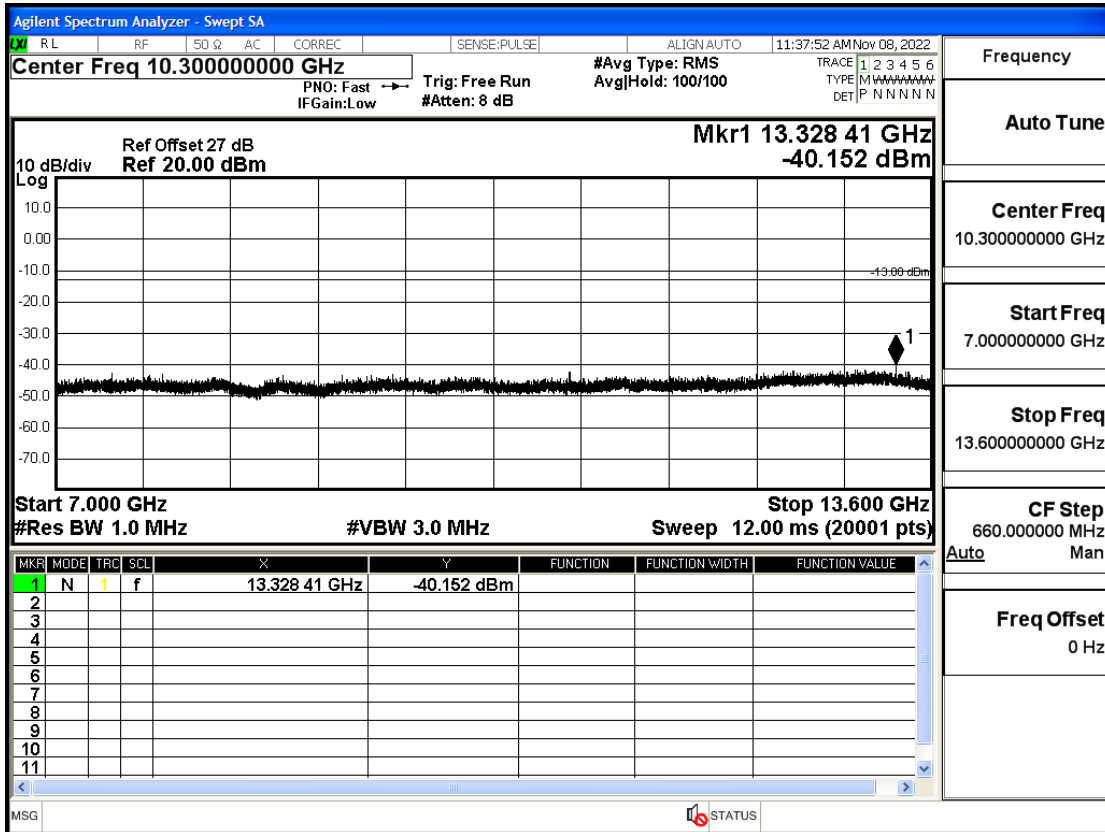


OB2-10-1880-Q16-50#LOW@1GHz-7GHz@Pass

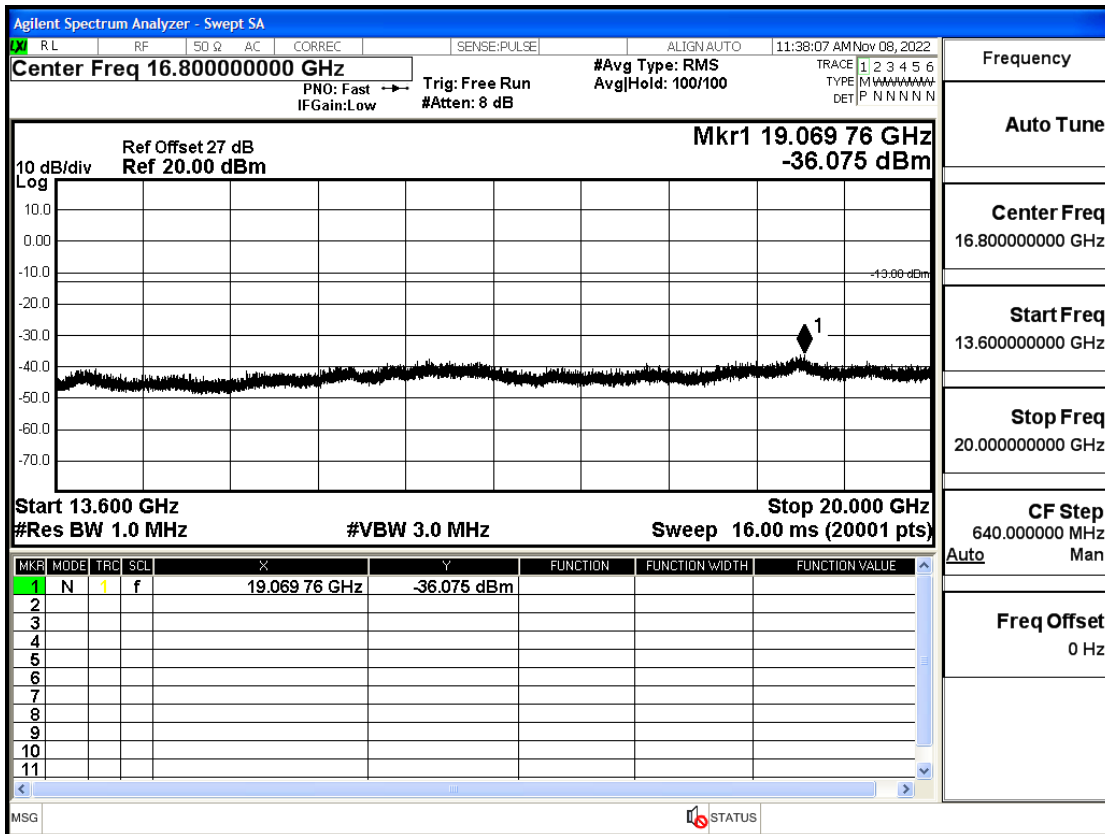




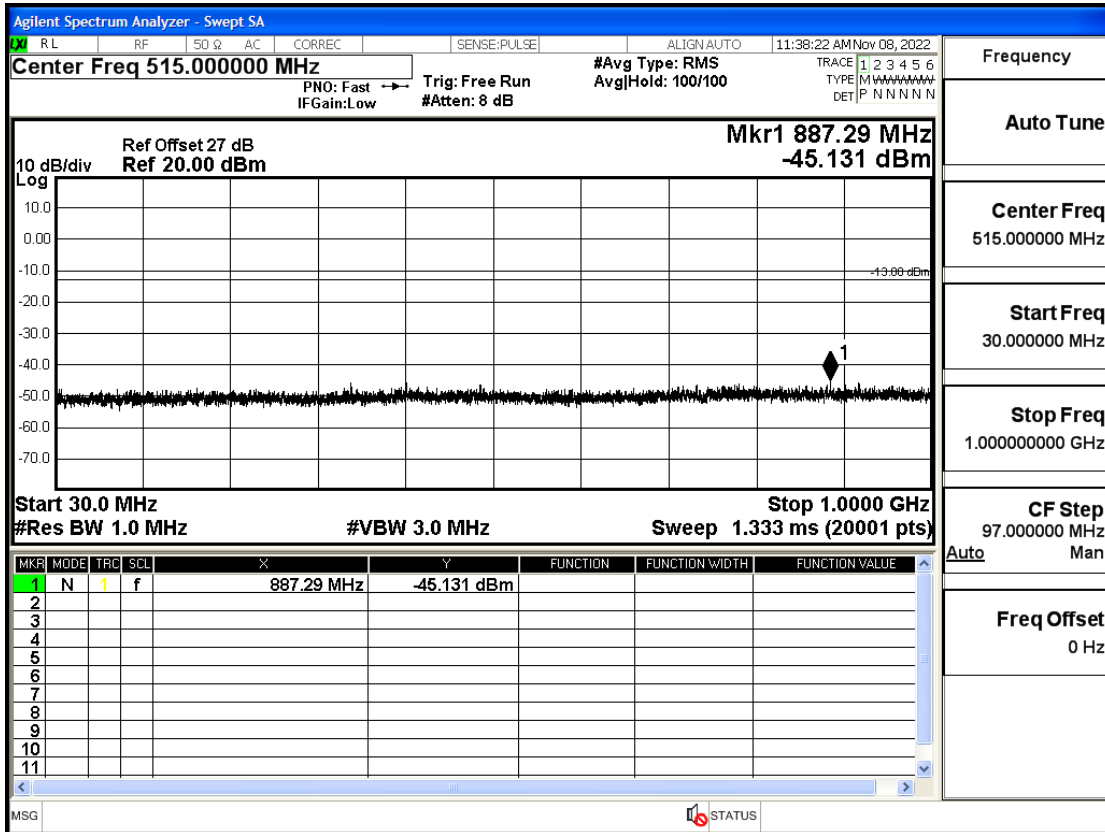
OB2-10-1880-Q16-50#LOW@7GHz-13.6GHz@Pass



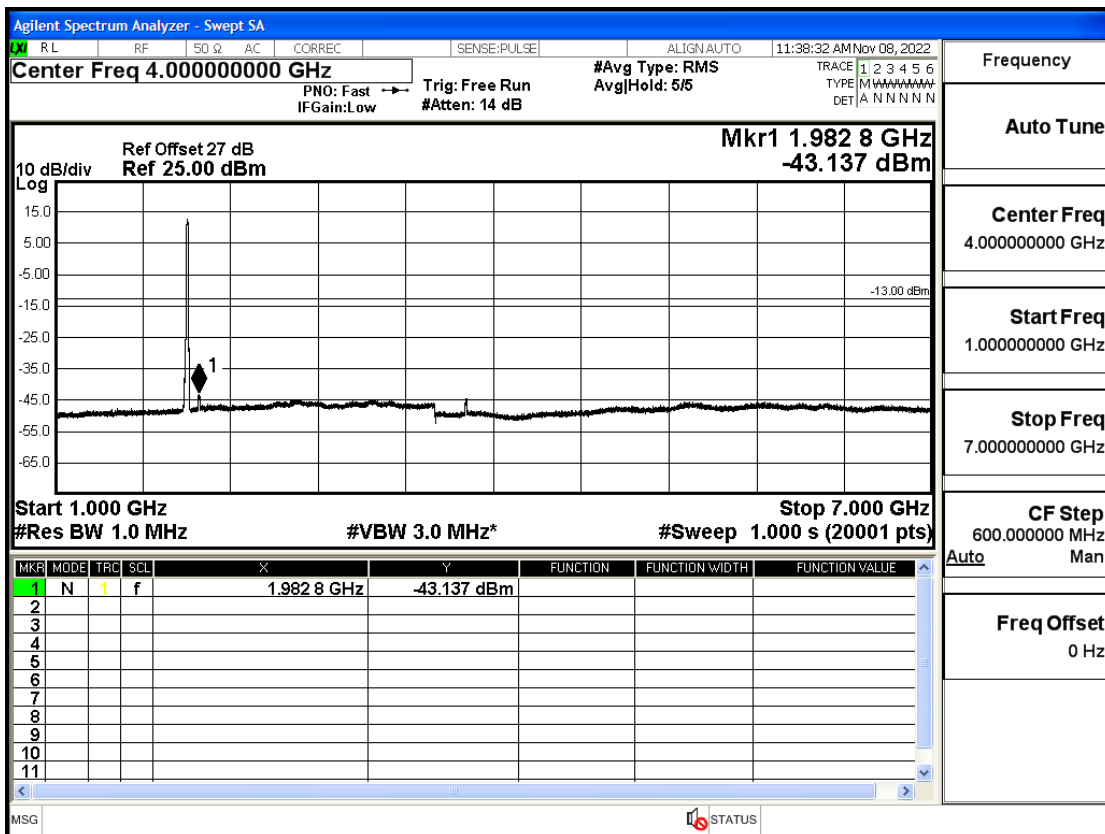
OB2-10-1880-Q16-50#LOW@13.6GHz-20GHz@Pass



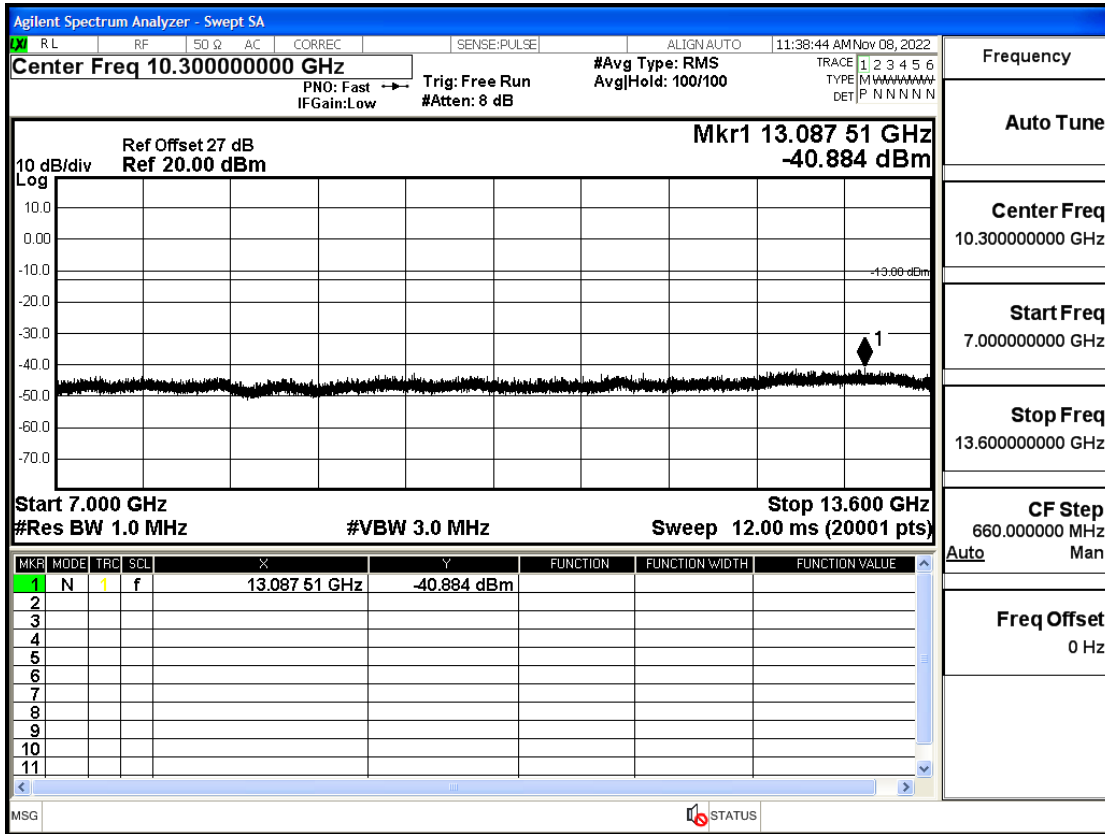
OB2-10-1905-Q16-50#LOW@30mHz-1GHz@Pass



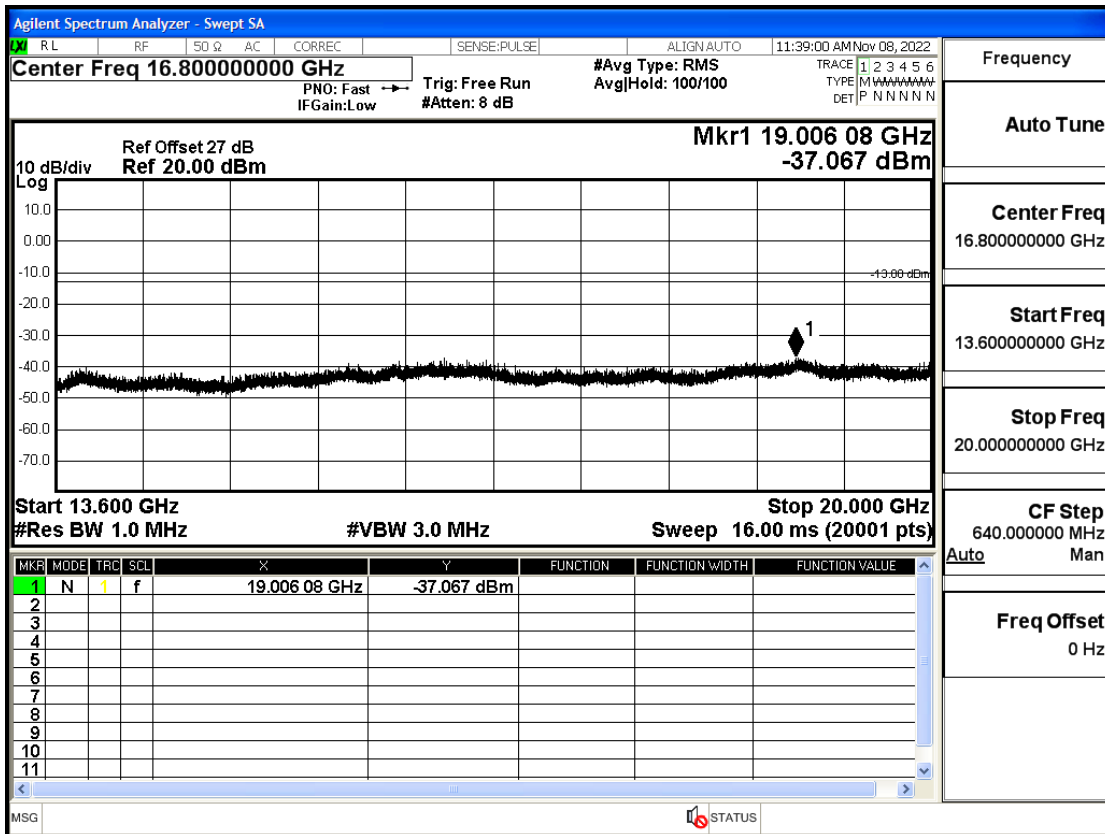
OB2-10-1905-Q16-50#LOW@1GHz-7GHz@Pass



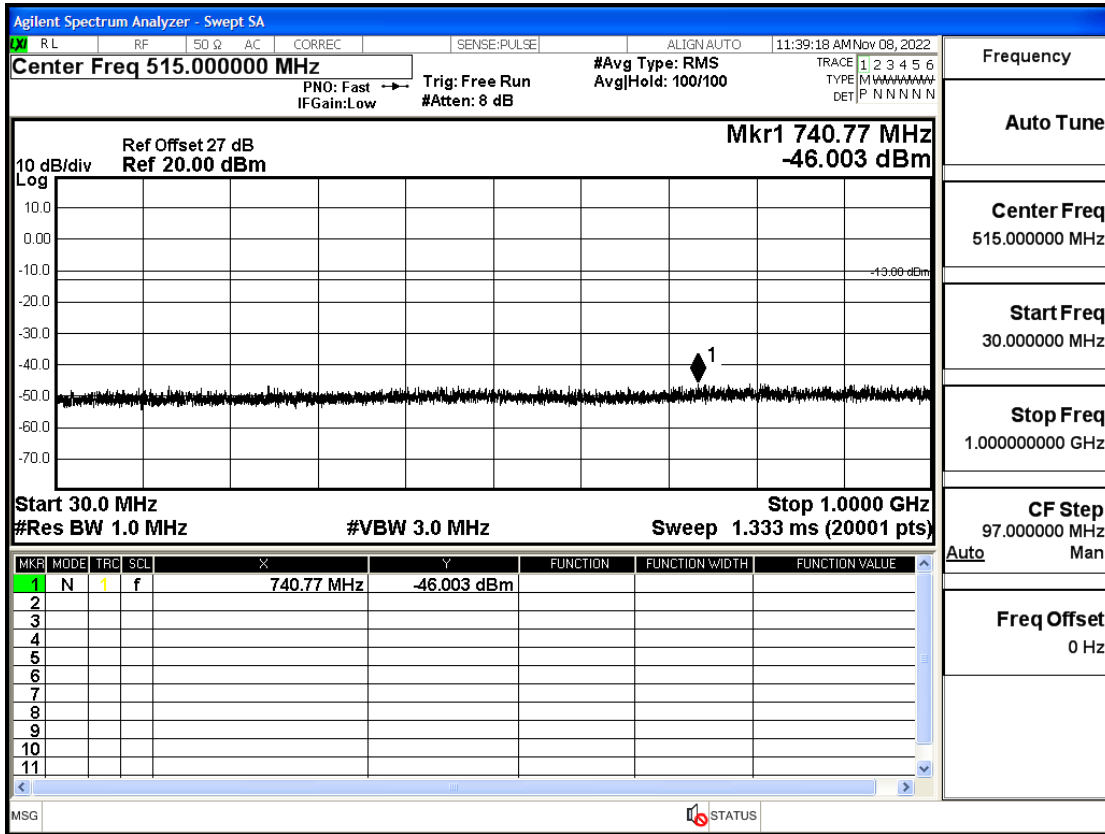
OB2-10-1905-Q16-50#LOW@7GHz-13.6GHz@Pass



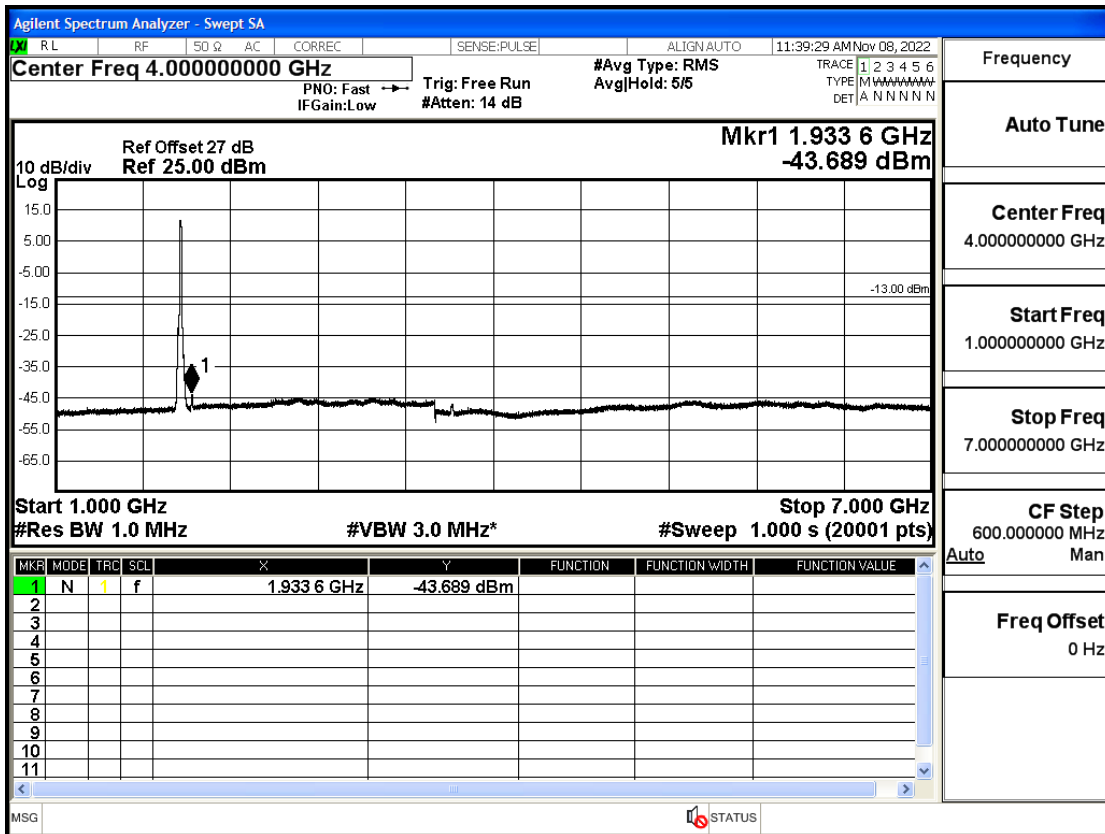
OB2-10-1905-Q16-50#LOW@13.6GHz-20GHz@Pass



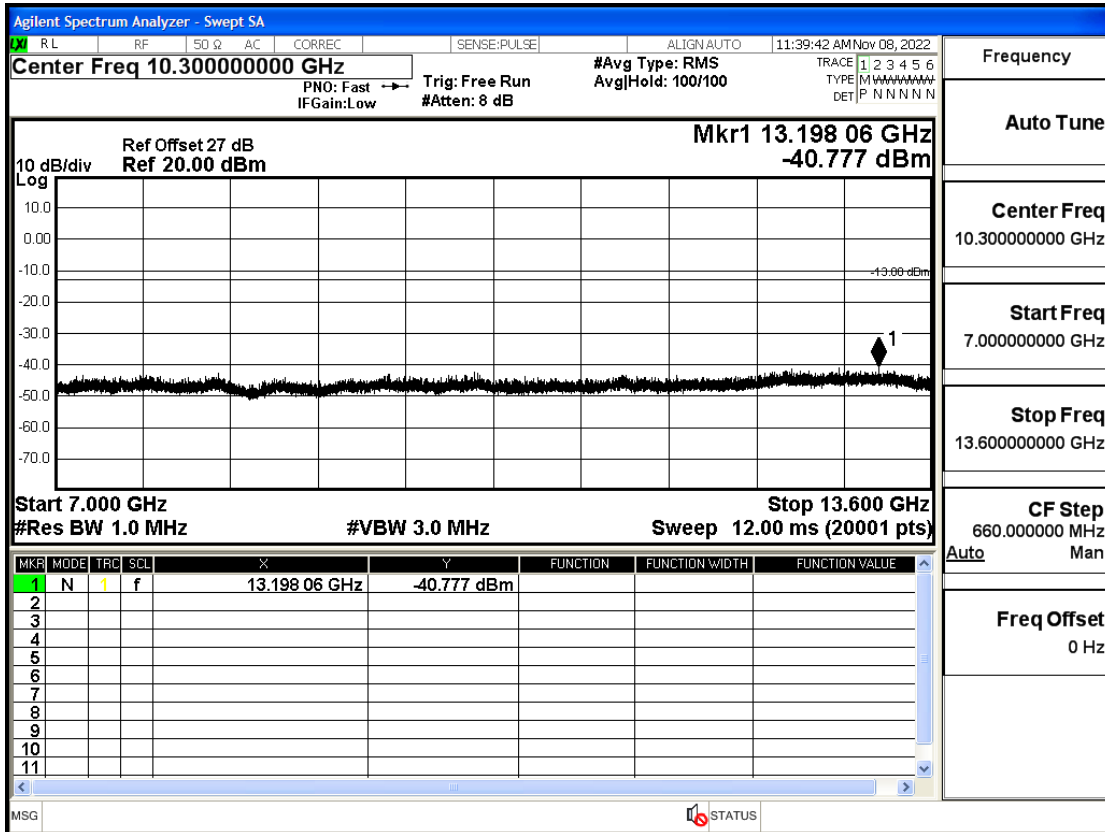
OB2-15-1857.5-Q16-75#LOW@30mHz-1GHz@Pass



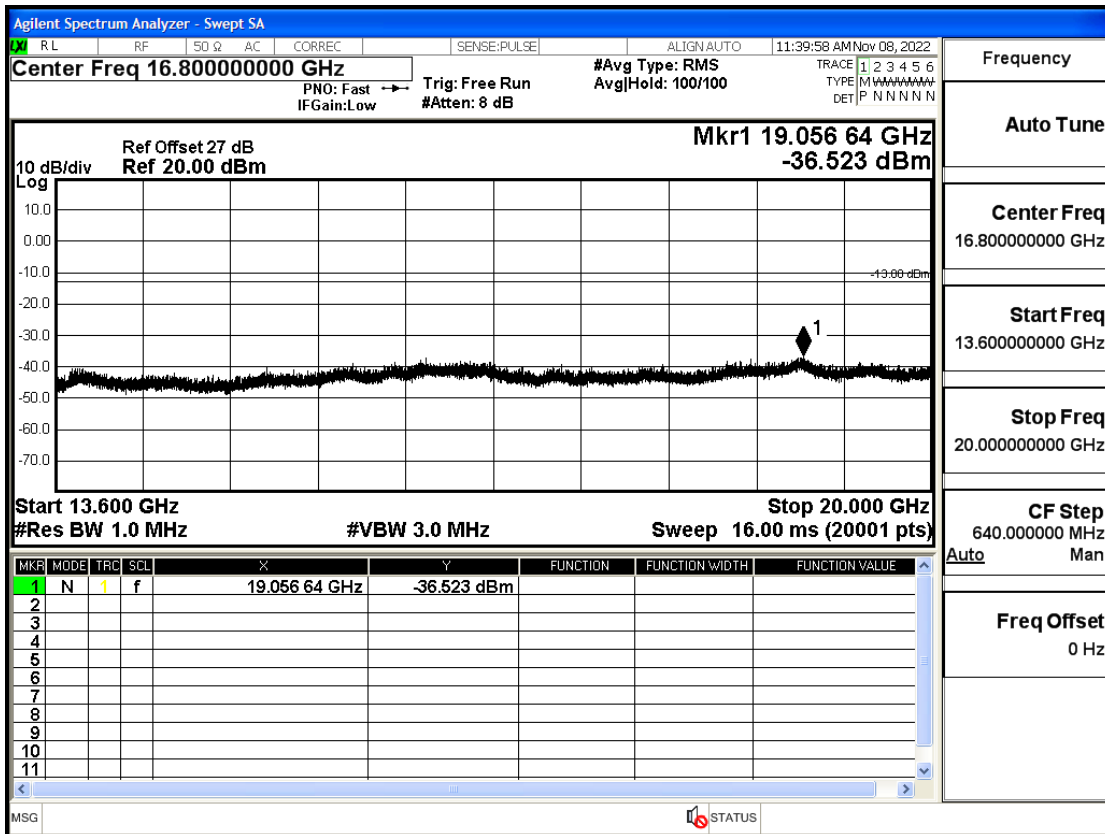
OB2-15-1857.5-Q16-75#LOW@1GHz-7GHz@Pass



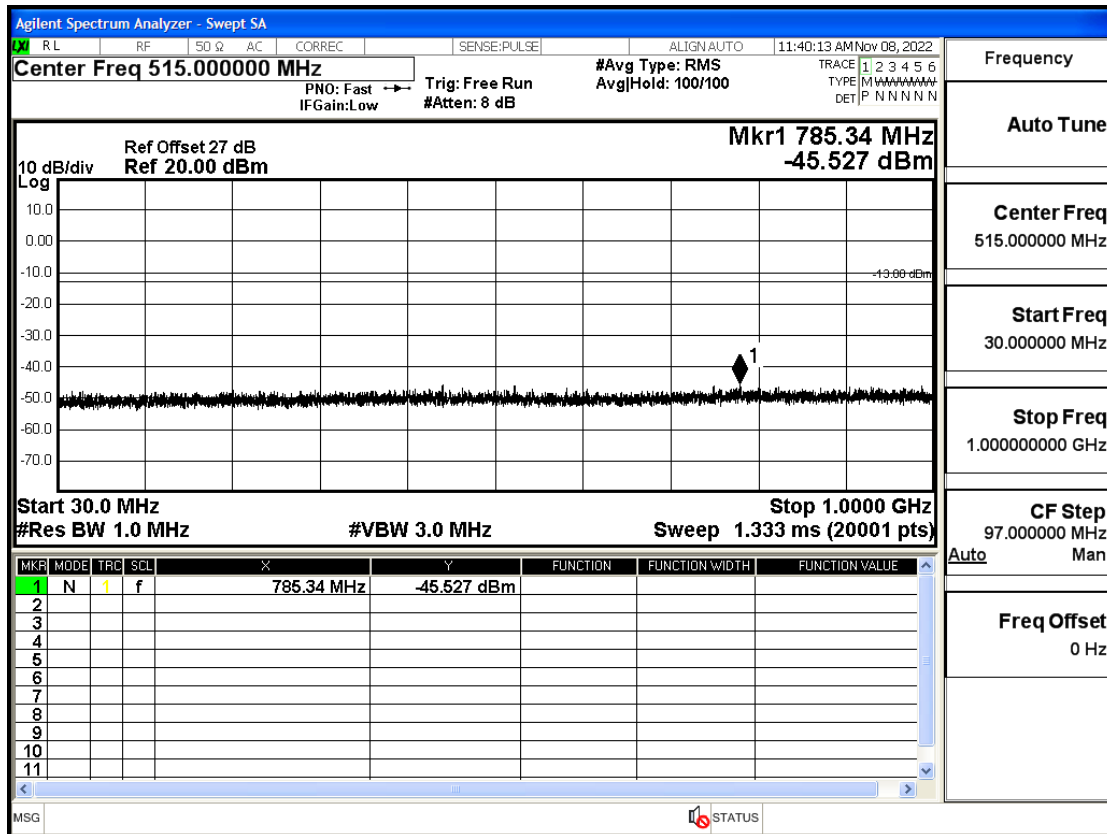
OB2-15-1857.5-Q16-75#LOW@7GHz-13.6GHz@Pass



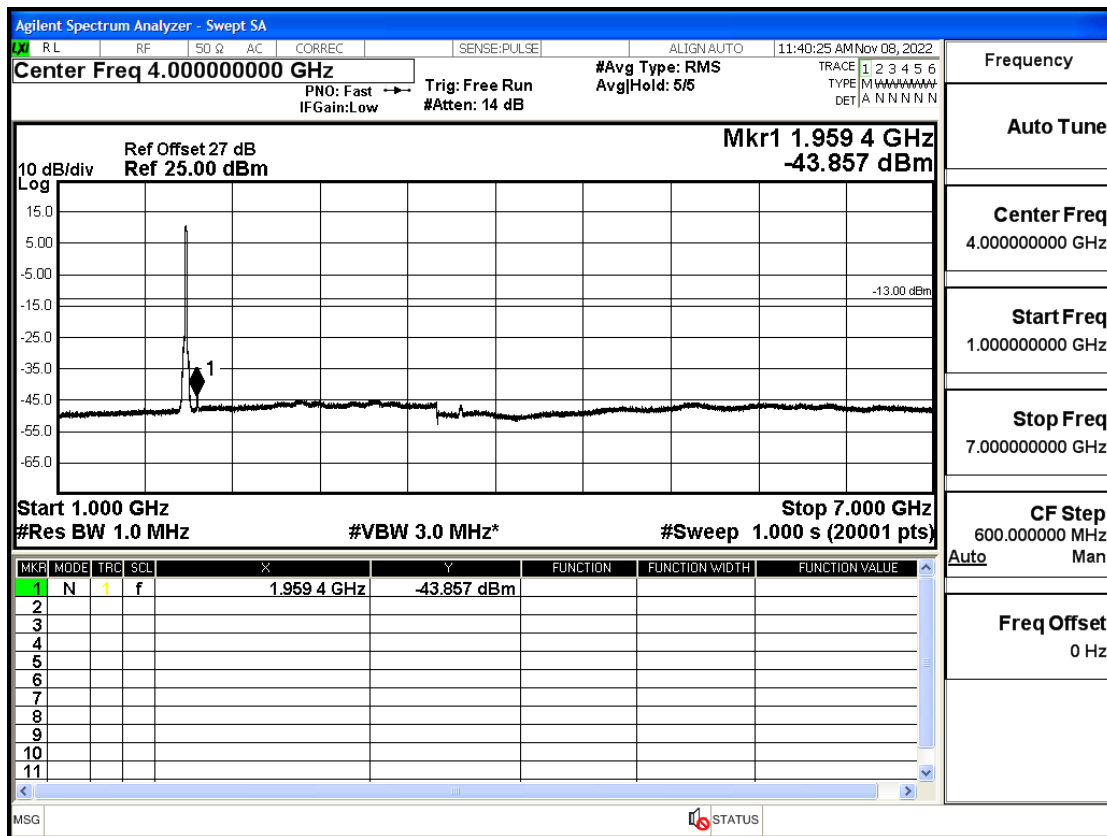
OB2-15-1857.5-Q16-75#LOW@13.6GHz-20GHz@Pass



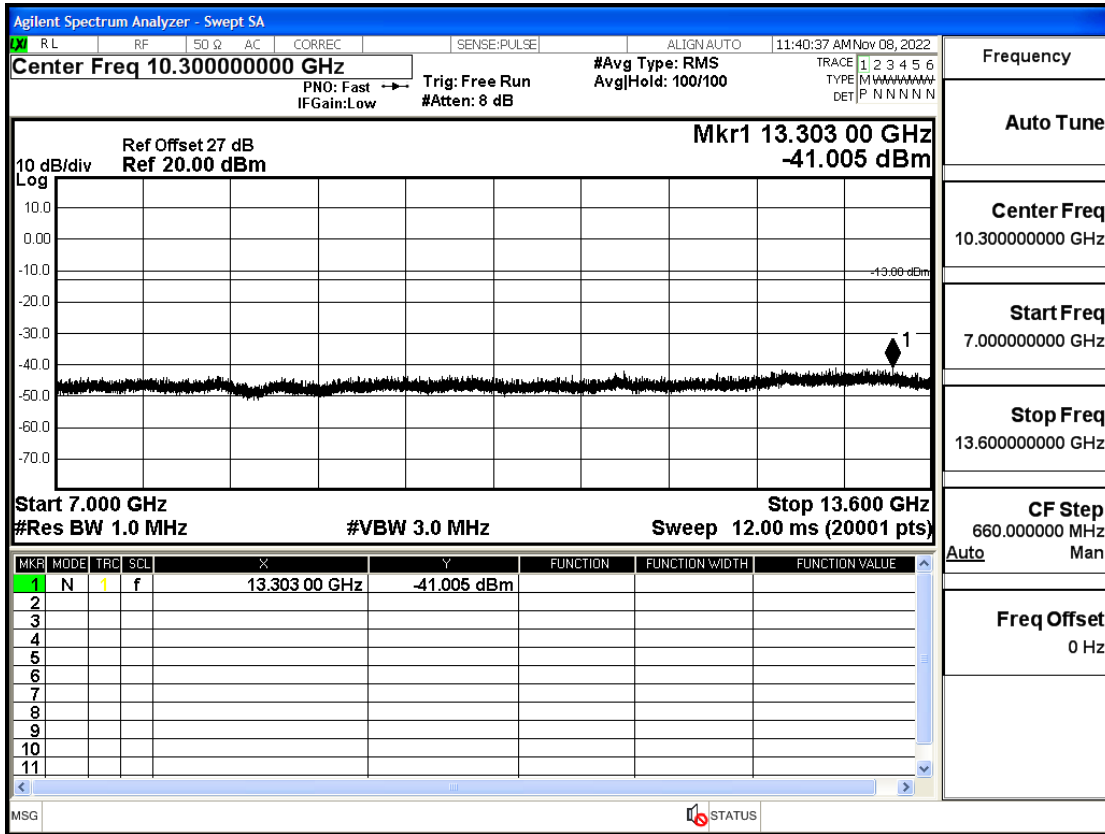
OB2-15-1880-Q16-75#LOW@30mHz-1GHz@Pass



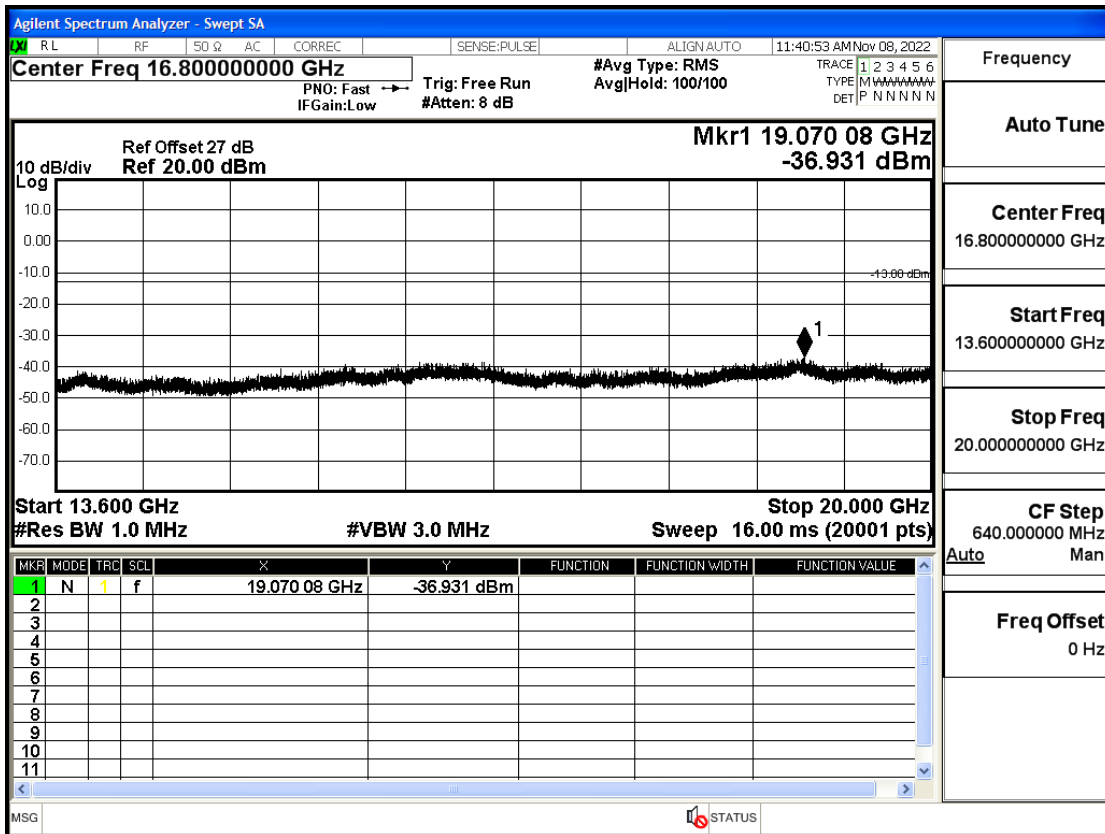
OB2-15-1880-Q16-75#LOW@1GHz-7GHz@Pass



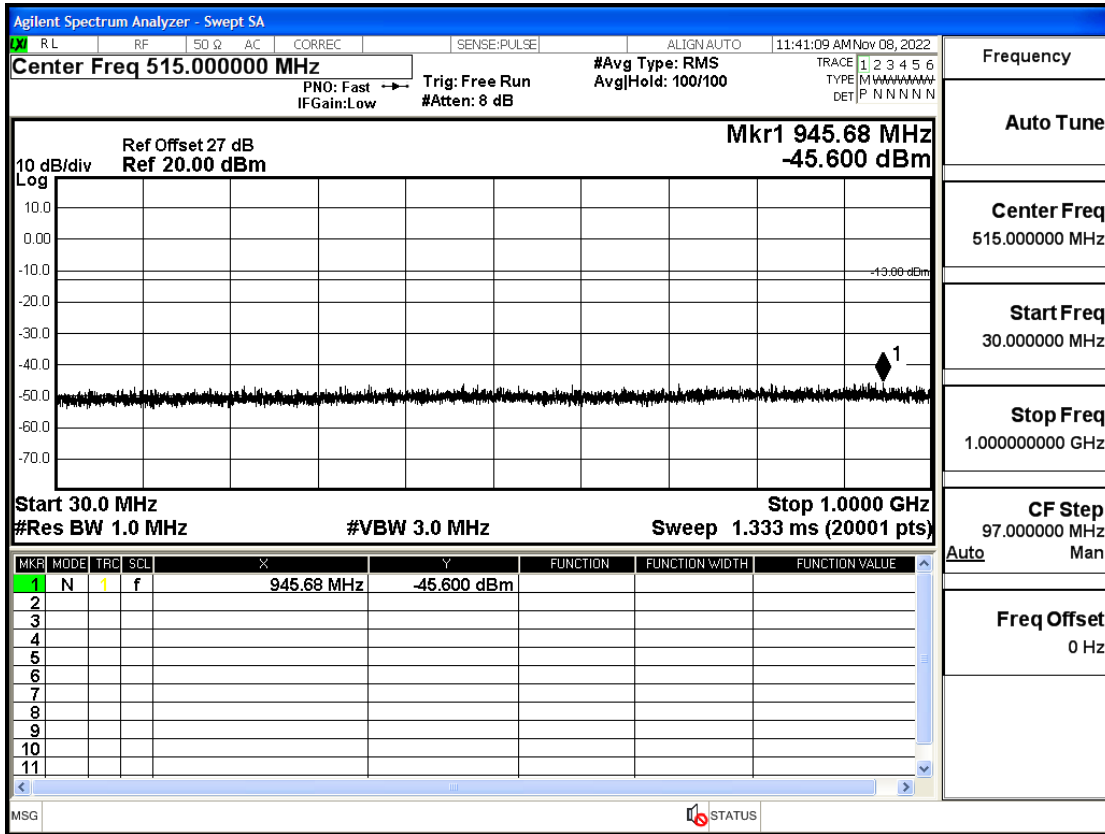
OB2-15-1880-Q16-75#LOW@7GHz-13.6GHz@Pass



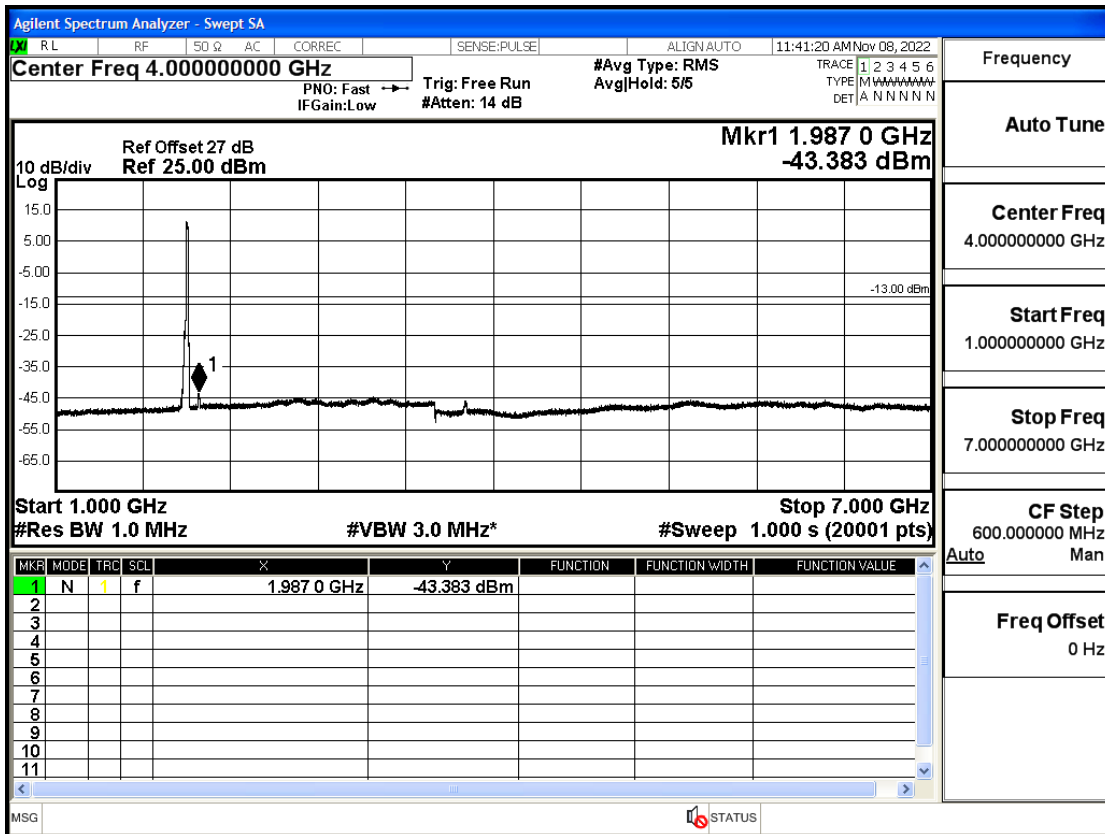
OB2-15-1880-Q16-75#LOW@13.6GHz-20GHz@Pass



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

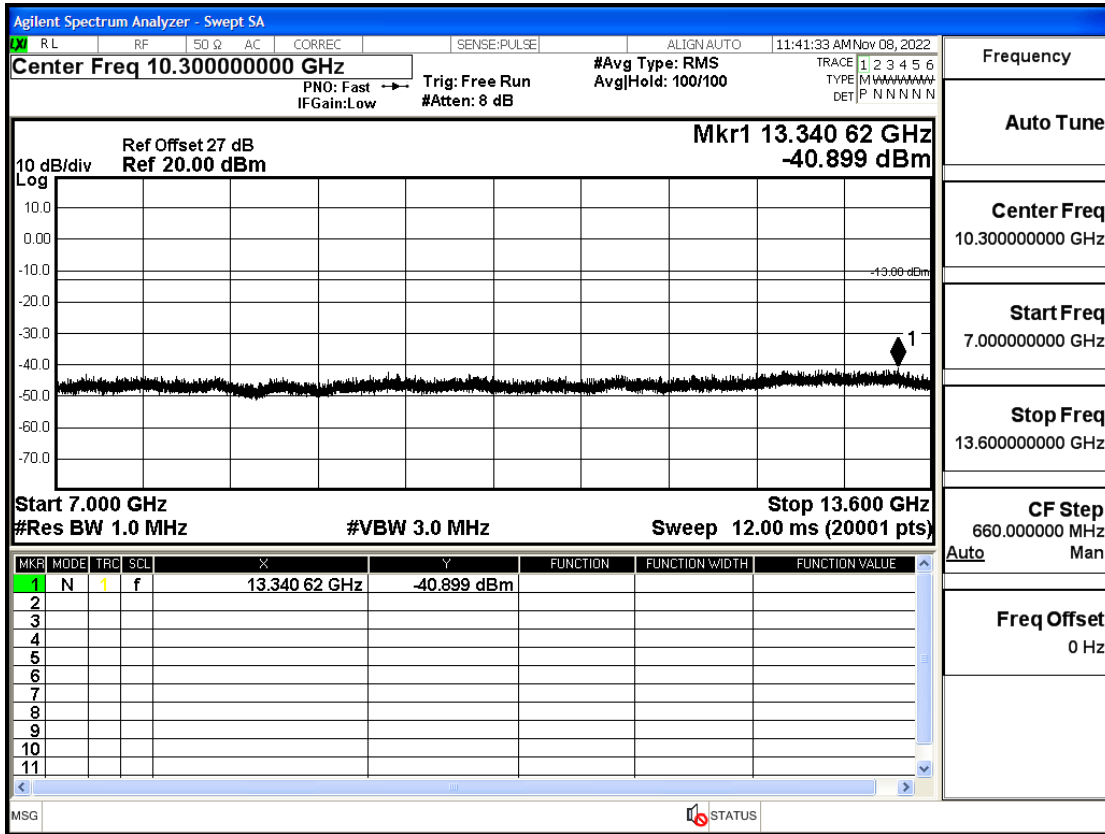


OB2-15-1902.5-Q16-75#LOW@1GHz-7GHz@Pass

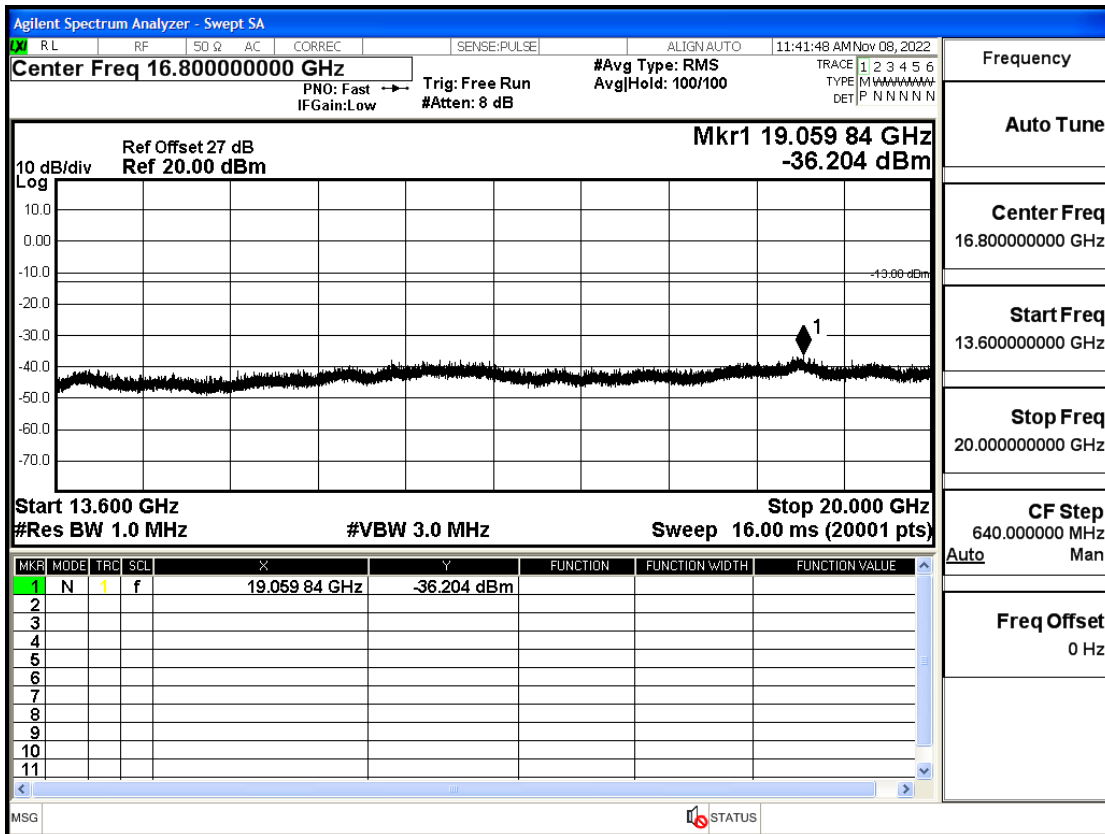




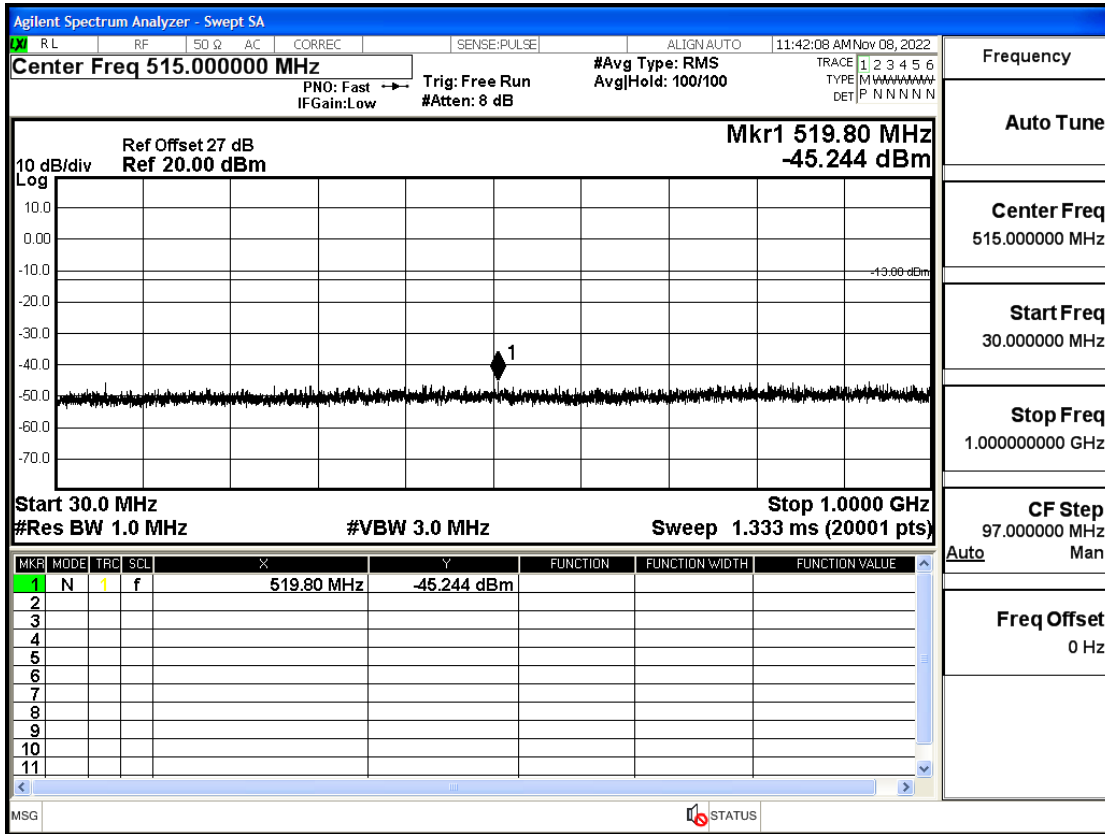
OB2-15-1902.5-Q16-75#LOW@7GHz-13.6GHz@Pass



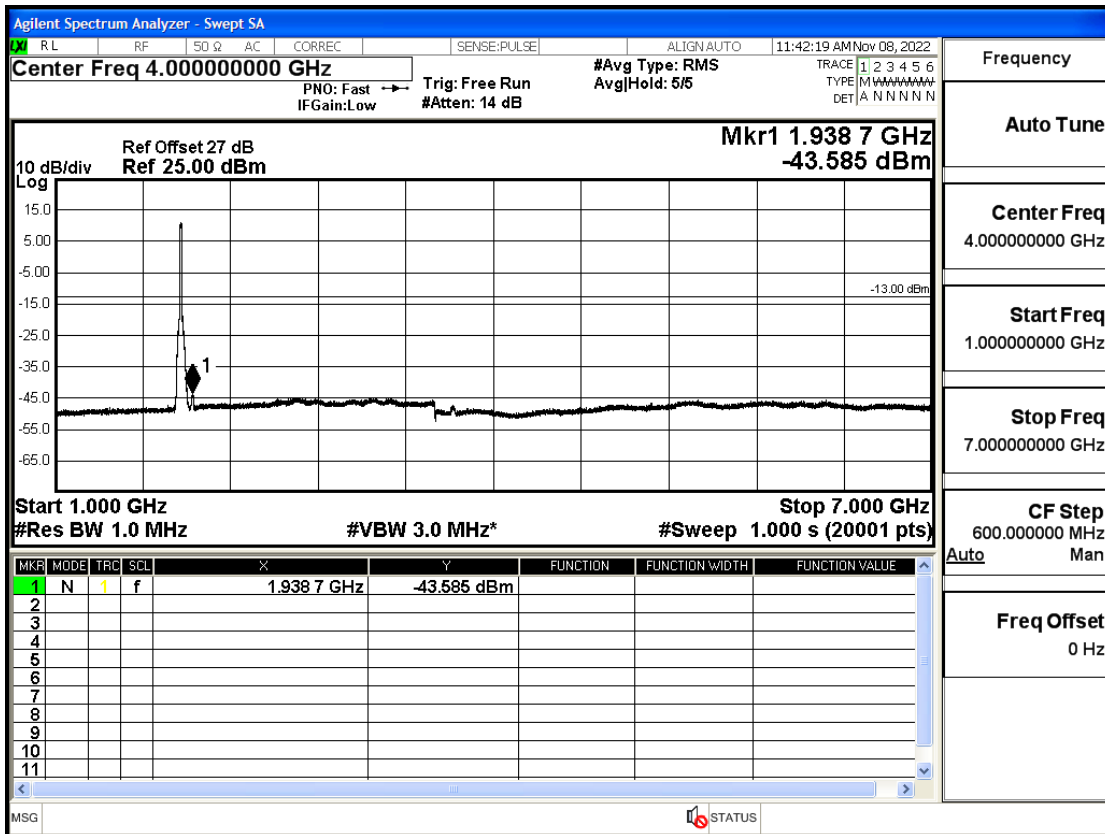
OB2-15-1902.5-Q16-75#LOW@13.6GHz-20GHz@Pass



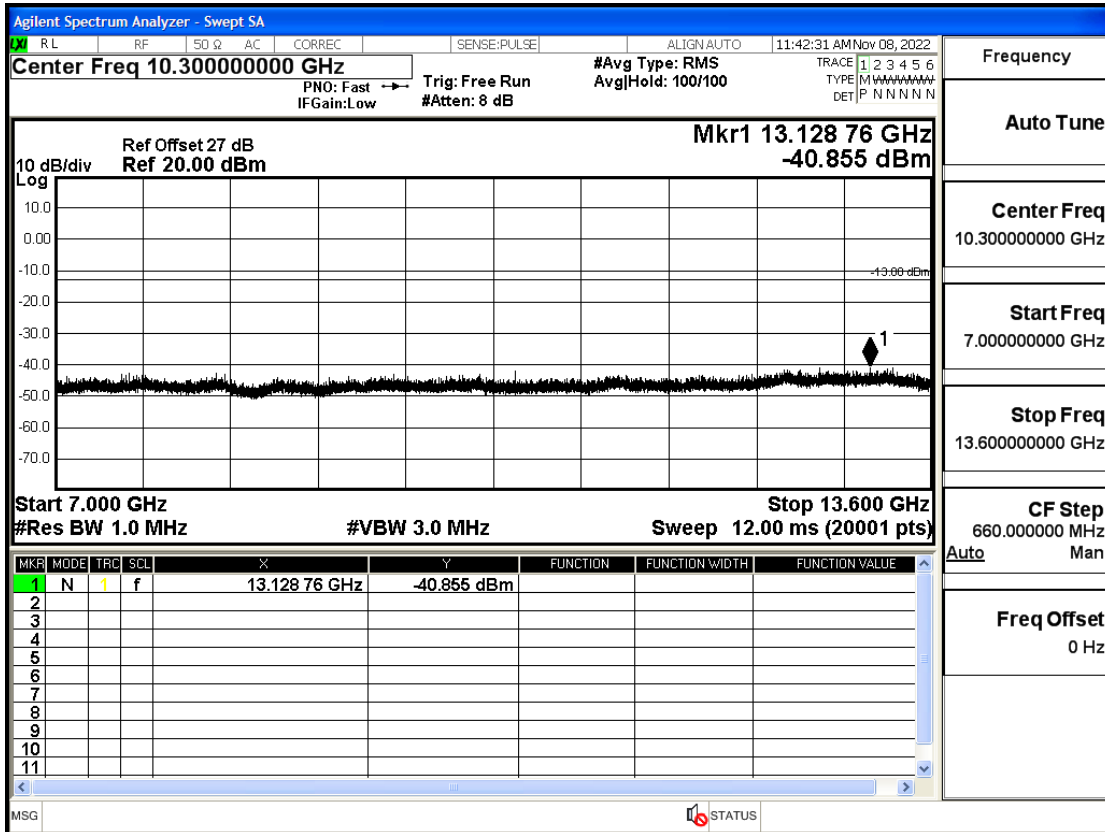
OB2-20-1860-Q16-100#LOW@30mHz-1GHz@Pass



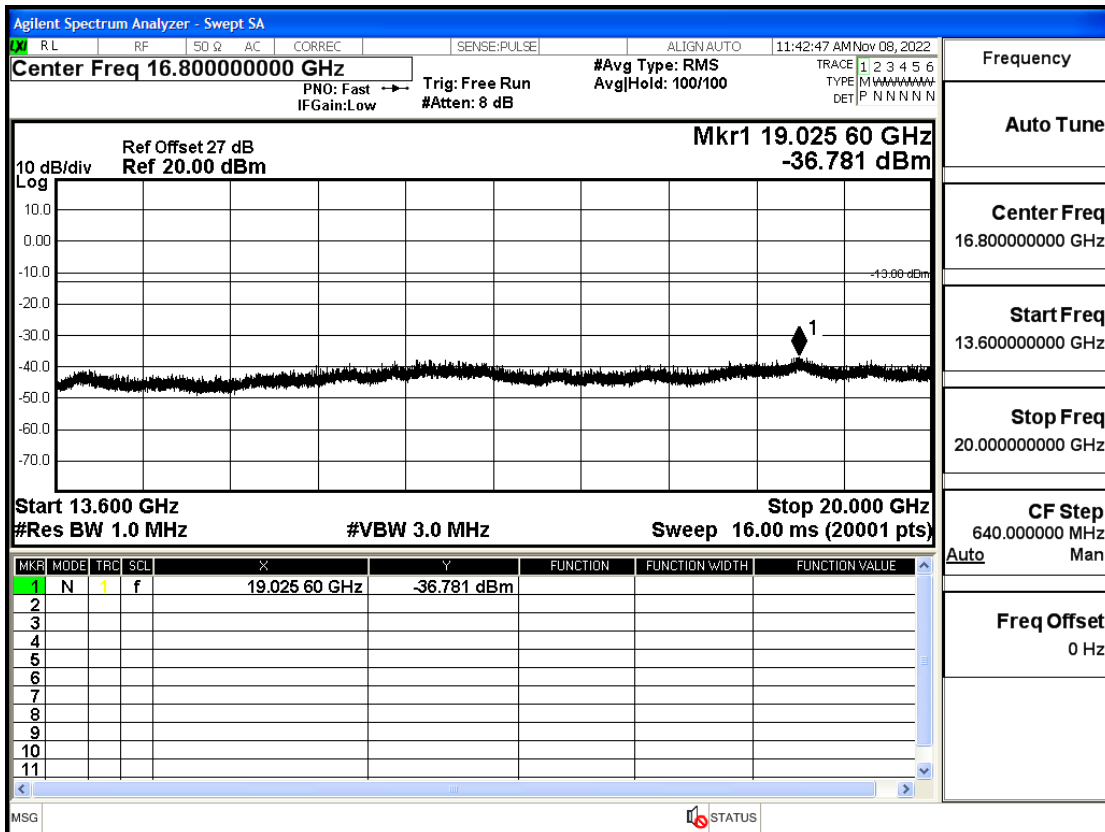
OB2-20-1860-Q16-100#LOW@1GHz-7GHz@Pass



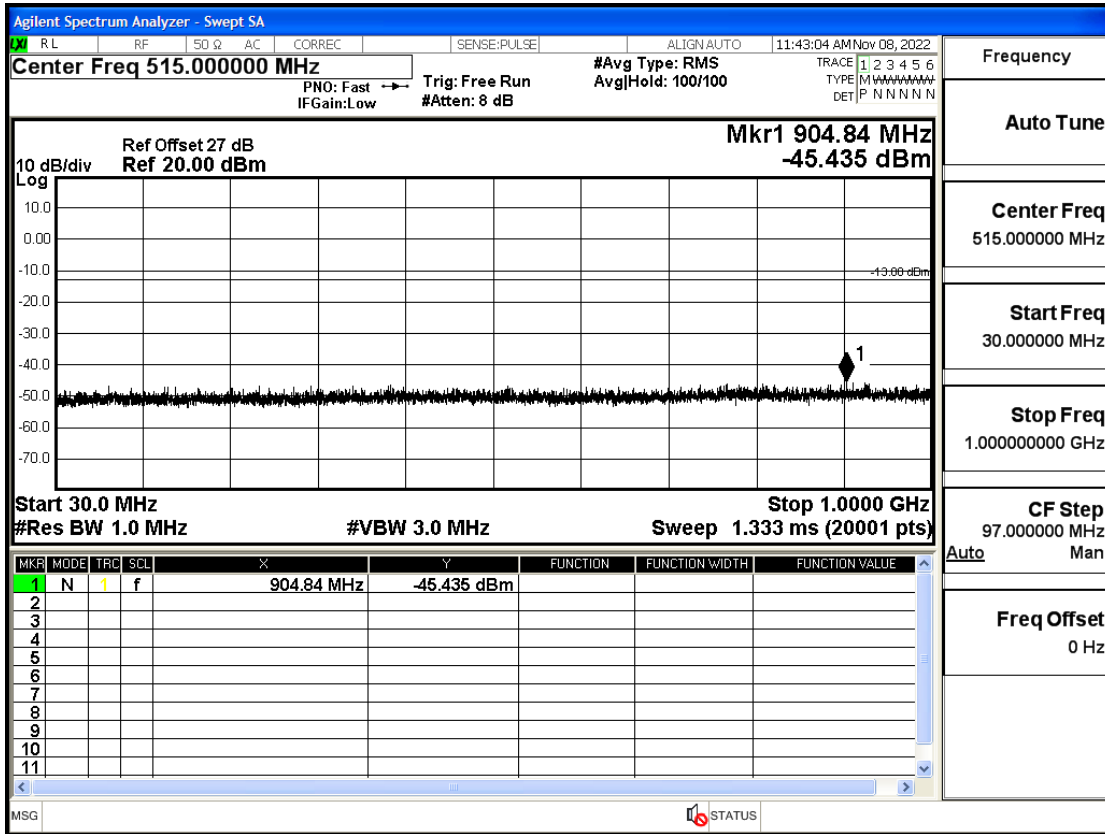
OB2-20-1860-Q16-100#LOW@7GHz-13.6GHz@Pass



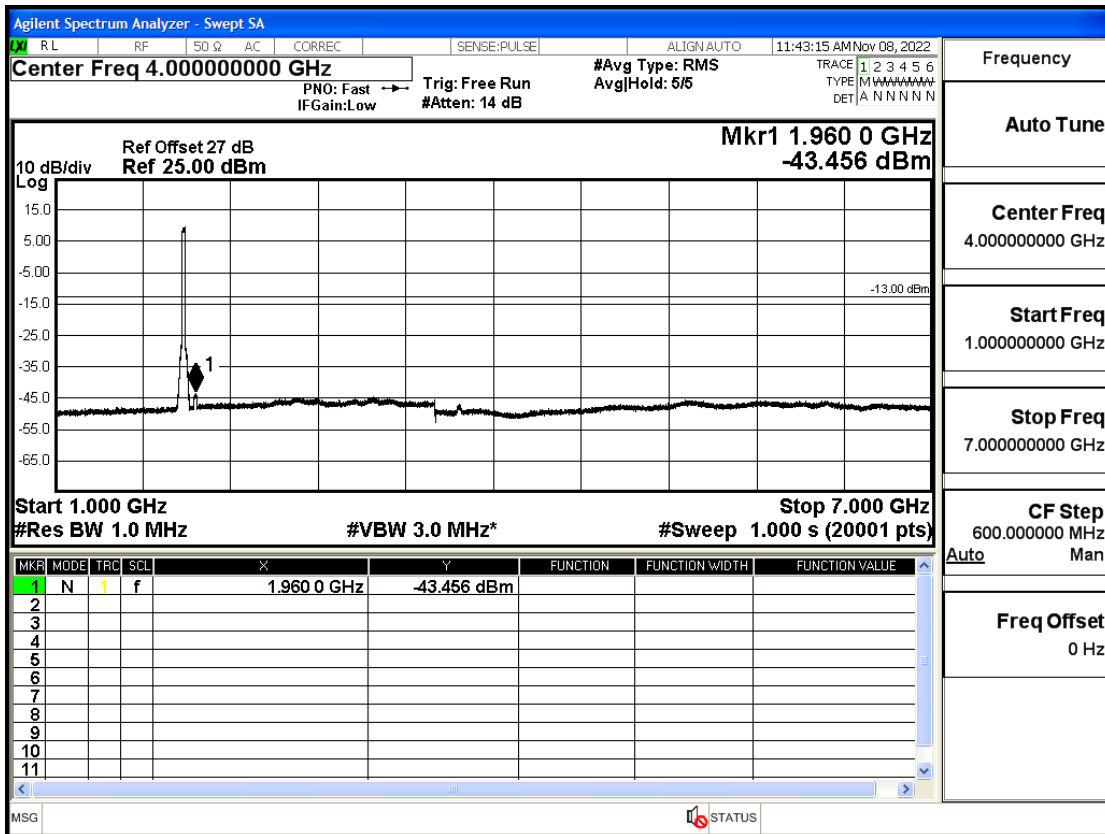
OB2-20-1860-Q16-100#LOW@13.6GHz-20GHz@Pass



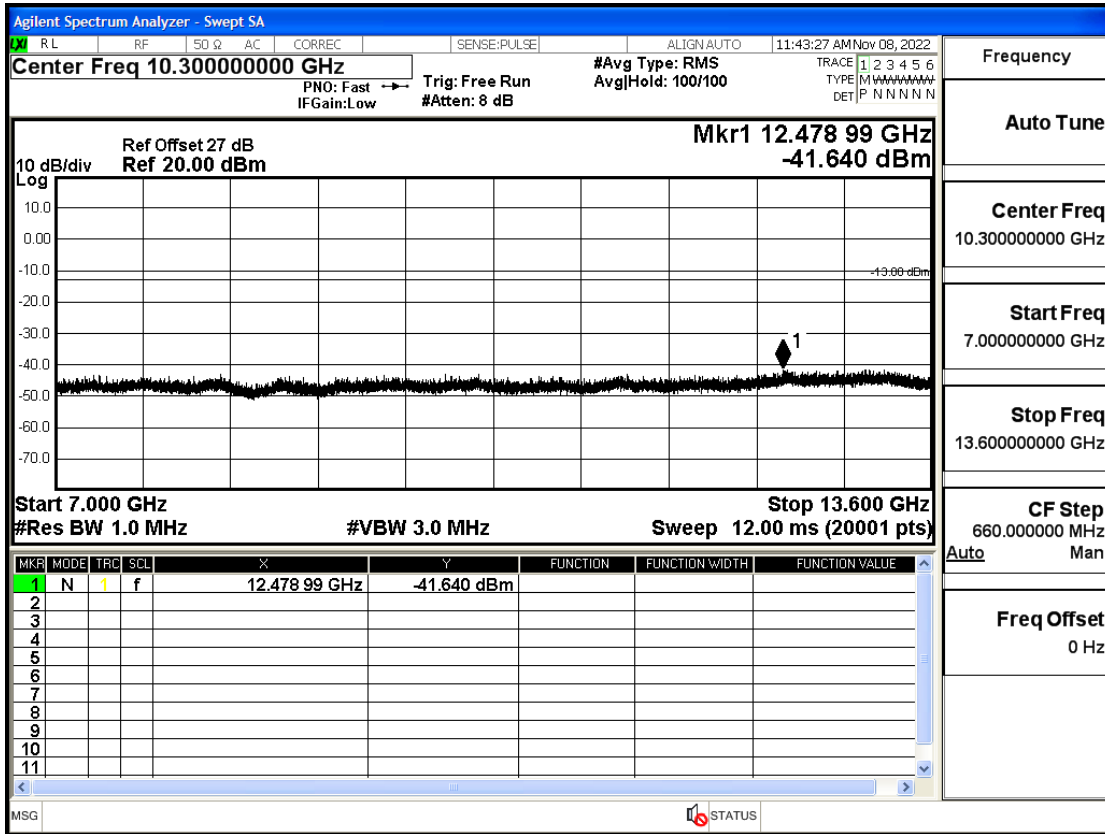
OB2-20-1880-Q16-100#LOW@30mHz-1GHz@Pass



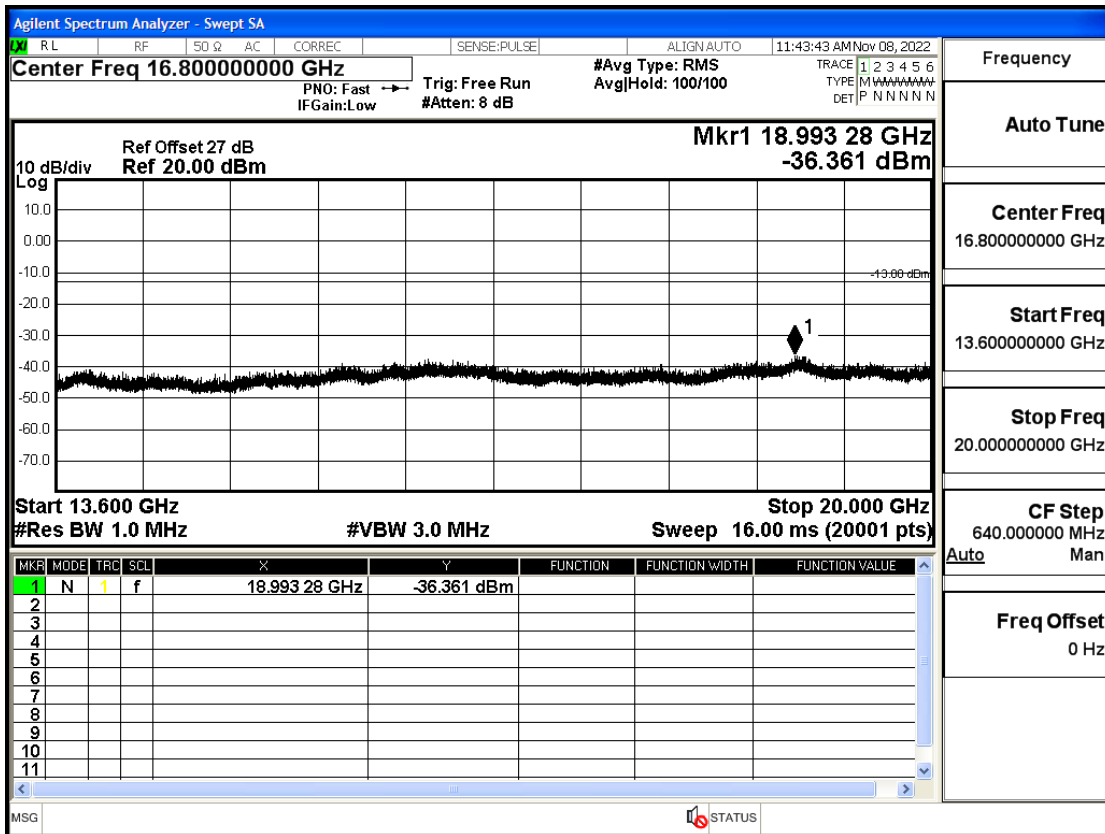
OB2-20-1880-Q16-100#LOW@1GHz-7GHz@Pass



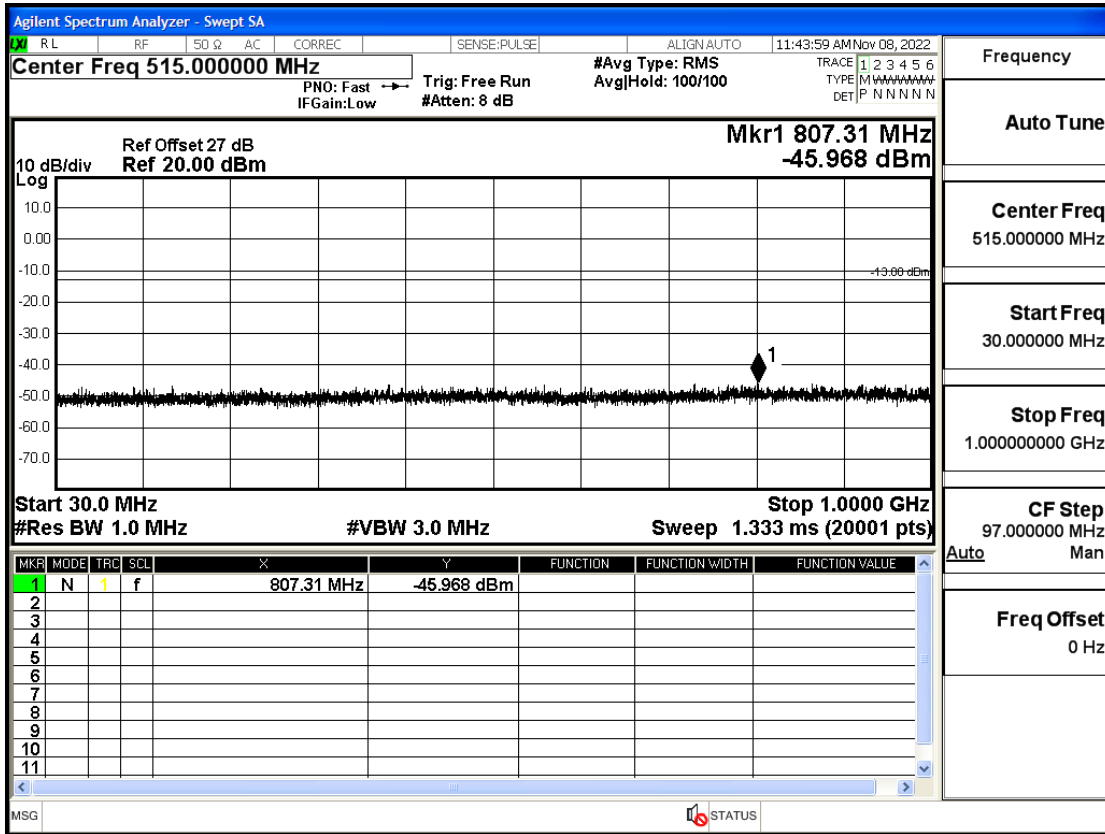
OB2-20-1880-Q16-100#LOW@7GHz-13.6GHz@Pass



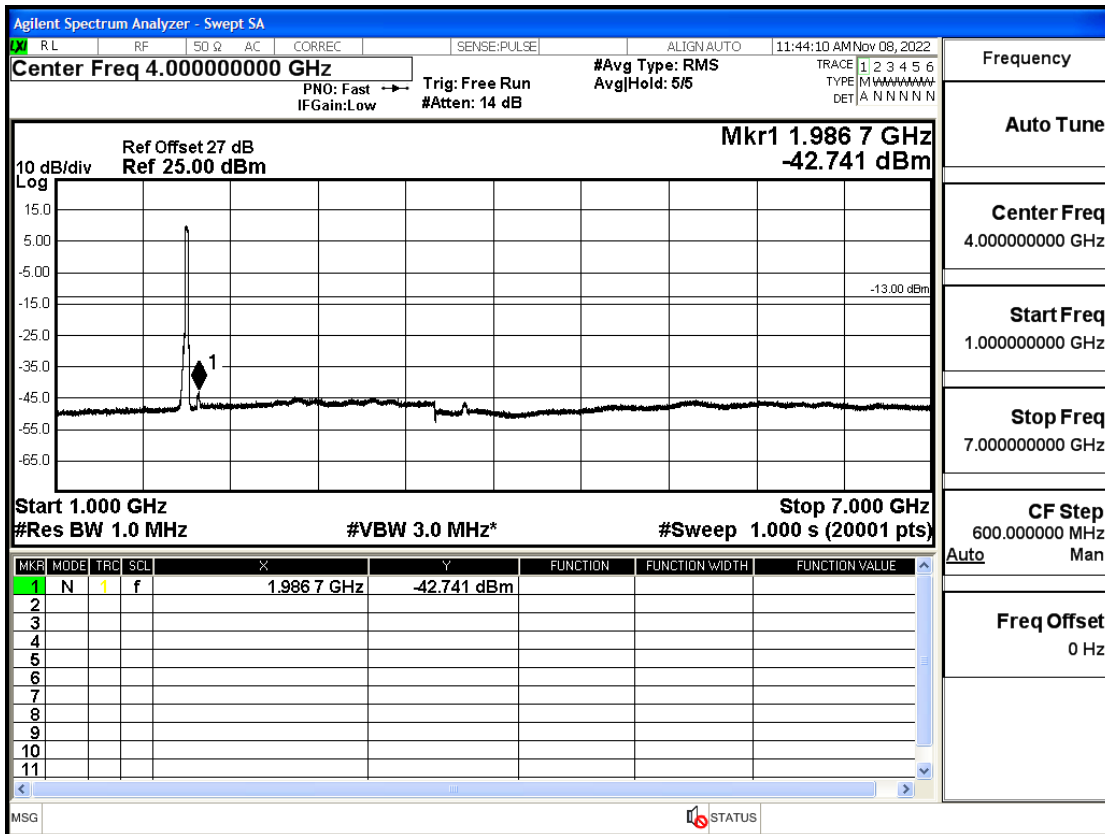
OB2-20-1880-Q16-100#LOW@13.6GHz-20GHz@Pass



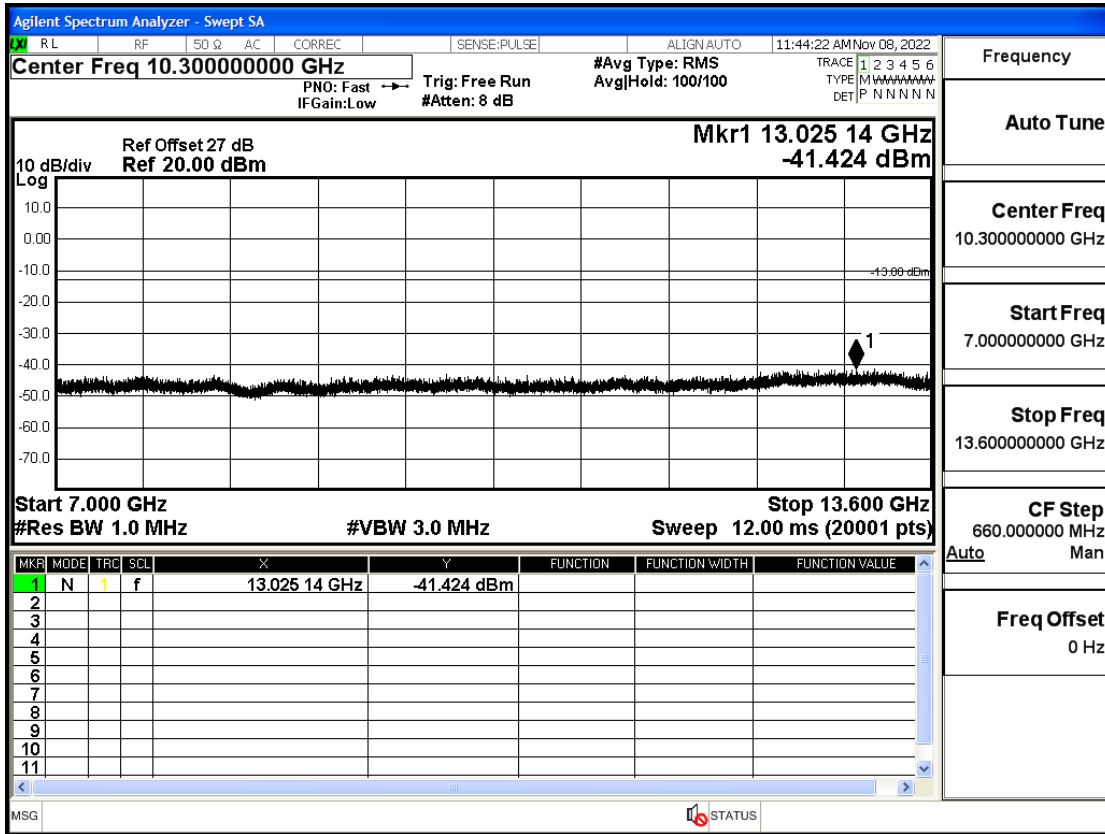
OB2-20-1900-Q16-100#LOW@30mHz-1GHz@Pass



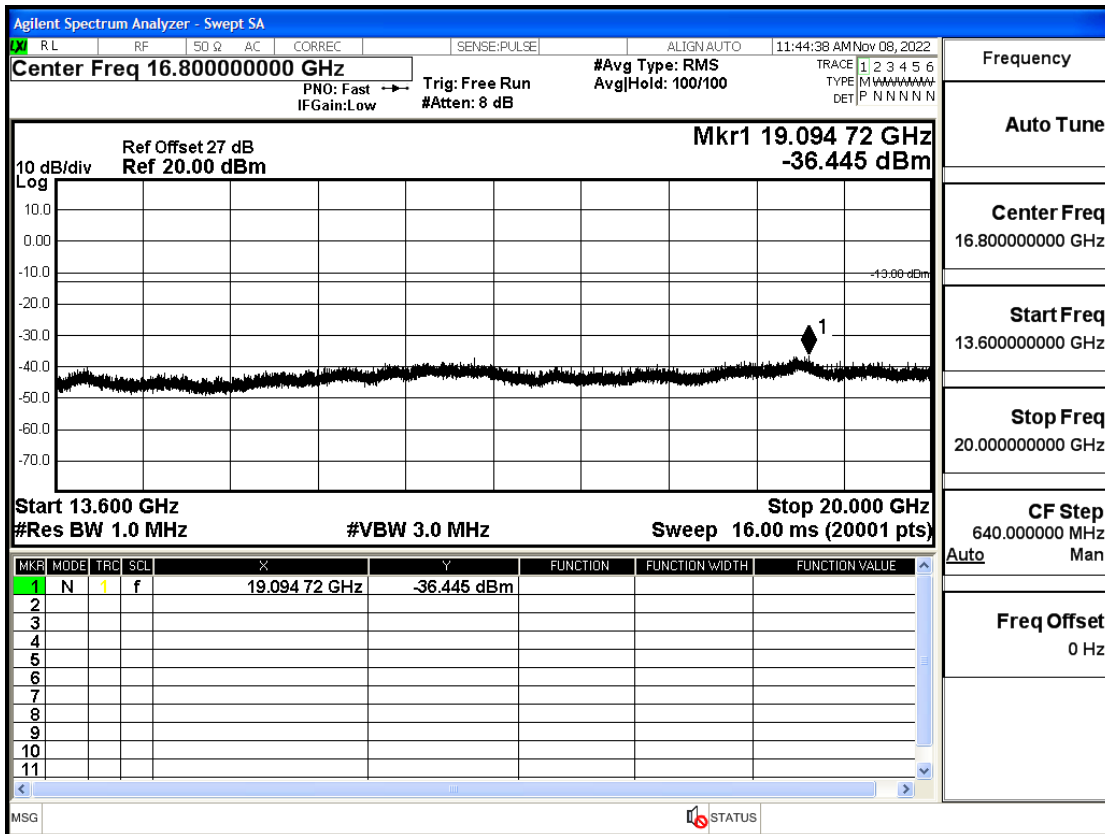
OB2-20-1900-Q16-100#LOW@1GHz-7GHz@Pass



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



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

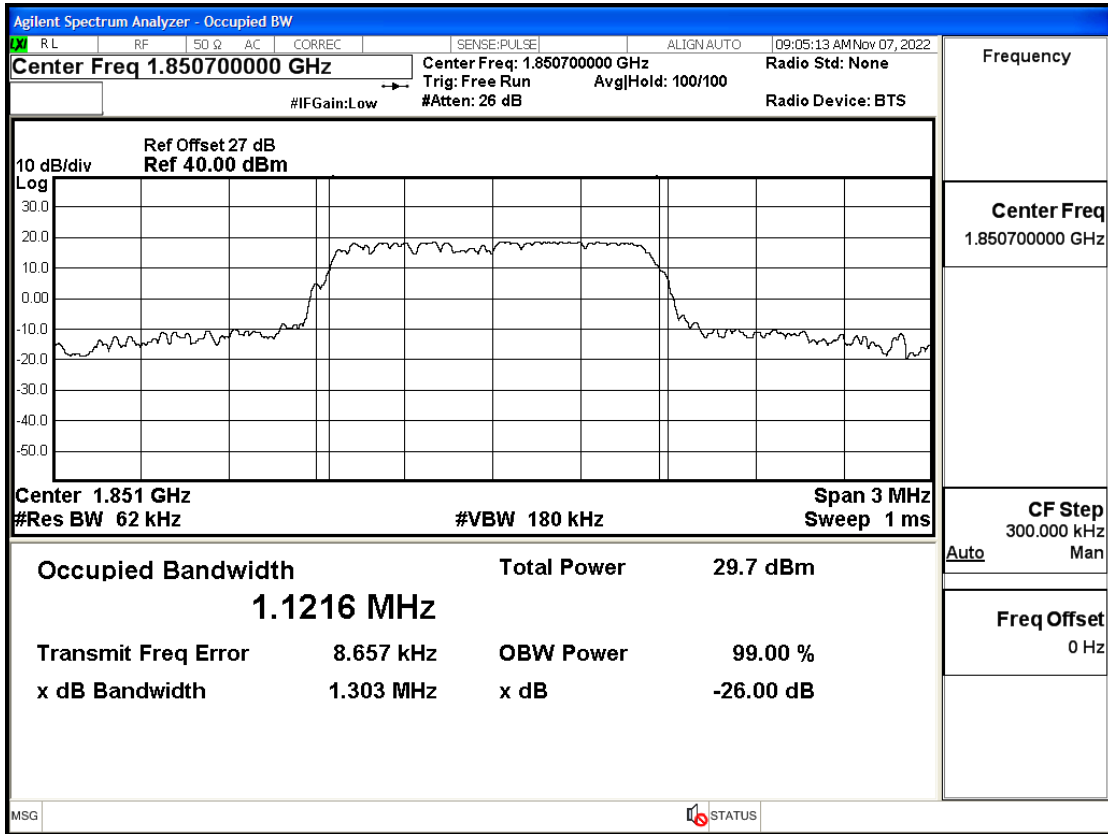


## Emission bandwidth and OBW

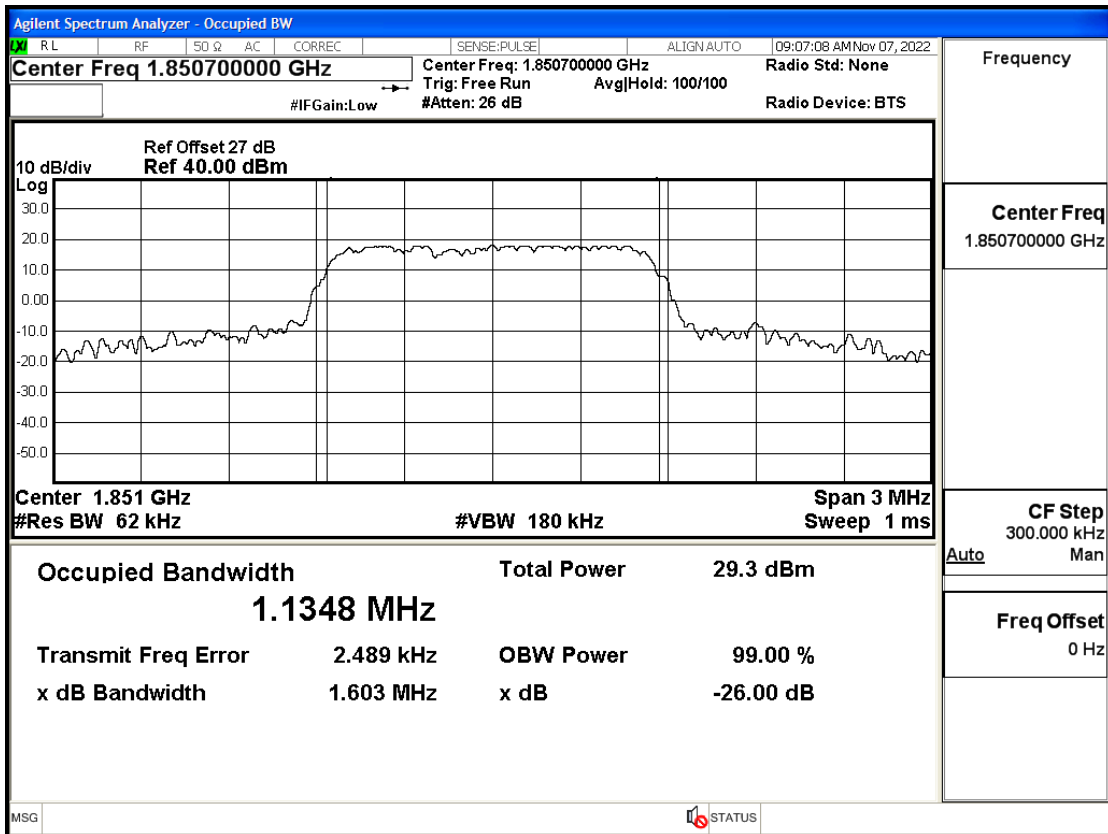
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band2	1.4	1850.7	QPSK	6	LOW	1121.6	1303	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1134.8	1603	No limit
Band2	1.4	1880	QPSK	6	LOW	1127.5	1283	No limit
Band2	1.4	1880	16QAM	6	LOW	1126.5	1293	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1130.8	1304	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1126.3	1309	No limit
Band2	3	1851.5	QPSK	15	LOW	2783.5	3175	No limit
Band2	3	1851.5	16QAM	15	LOW	2789.8	3586	No limit
Band2	3	1880	QPSK	15	LOW	2758.4	3072	No limit
Band2	3	1880	16QAM	15	LOW	2759.9	3095	No limit
Band2	3	1908.5	QPSK	15	LOW	2773	3115	No limit
Band2	3	1908.5	16QAM	15	LOW	2755.4	3111	No limit
Band2	5	1852.5	QPSK	25	LOW	4584.3	5106	No limit
Band2	5	1852.5	16QAM	25	LOW	4595.3	5672	No limit
Band2	5	1880	QPSK	25	LOW	4581.9	5039	No limit
Band2	5	1880	16QAM	25	LOW	4547.5	5087	No limit
Band2	5	1907.5	QPSK	25	LOW	4587.7	5119	No limit
Band2	5	1907.5	16QAM	25	LOW	4580.3	5068	No limit
Band2	10	1855	QPSK	50	LOW	9142.8	10270	No limit
Band2	10	1855	16QAM	50	LOW	9131.6	10200	No limit
Band2	10	1880	QPSK	50	LOW	9113	10110	No limit
Band2	10	1880	16QAM	50	LOW	9090	10000	No limit
Band2	10	1905	QPSK	50	LOW	9145.8	10150	No limit
Band2	10	1905	16QAM	50	LOW	9093.3	10200	No limit
Band2	15	1857.5	QPSK	75	LOW	13704	15450	No limit
Band2	15	1857.5	16QAM	75	LOW	13689	15660	No limit
Band2	15	1880	QPSK	75	LOW	13702	15200	No limit
Band2	15	1880	16QAM	75	LOW	13709	15190	No limit
Band2	15	1902.5	QPSK	75	LOW	13706	15230	No limit
Band2	15	1902.5	16QAM	75	LOW	13668	15380	No limit
Band2	20	1860	QPSK	100	LOW	18260	20210	No limit
Band2	20	1860	16QAM	100	LOW	18276	21160	No limit
Band2	20	1880	QPSK	100	LOW	18313	20080	No limit
Band2	20	1880	16QAM	100	LOW	18274	20100	No limit
Band2	20	1900	QPSK	100	LOW	18207	20230	No limit
Band2	20	1900	16QAM	100	LOW	18243	20090	No limit



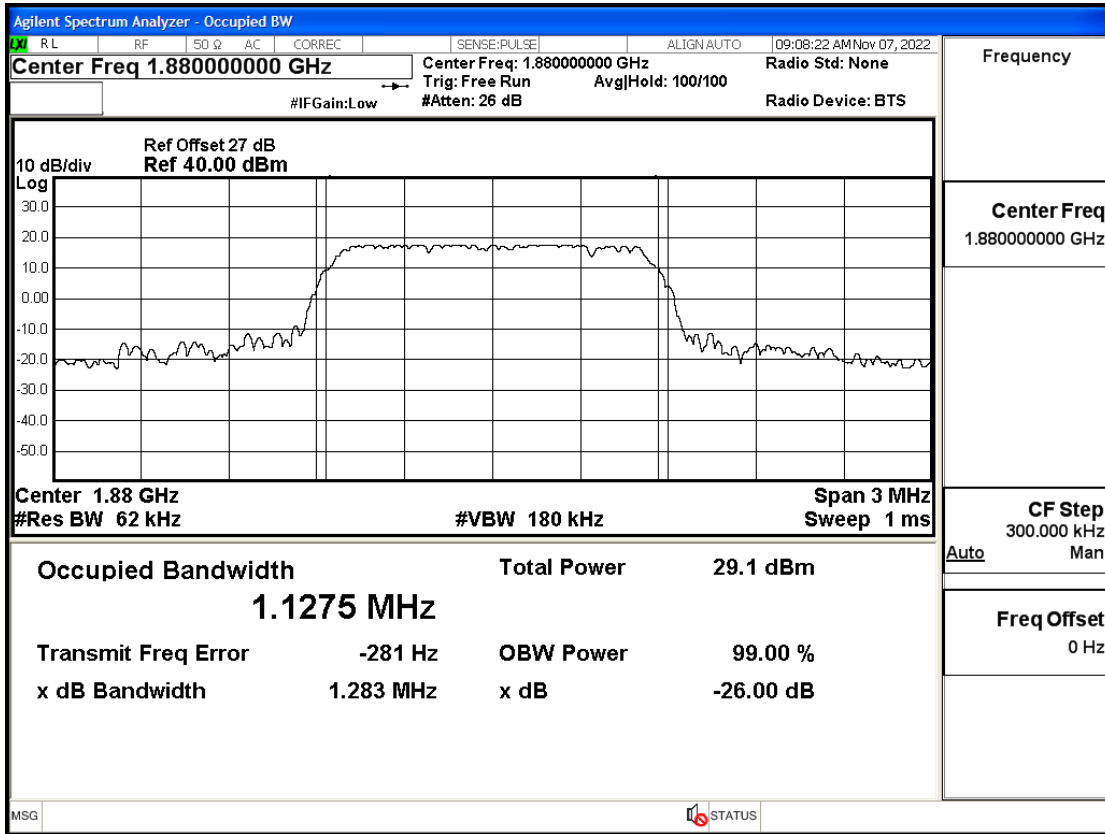
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



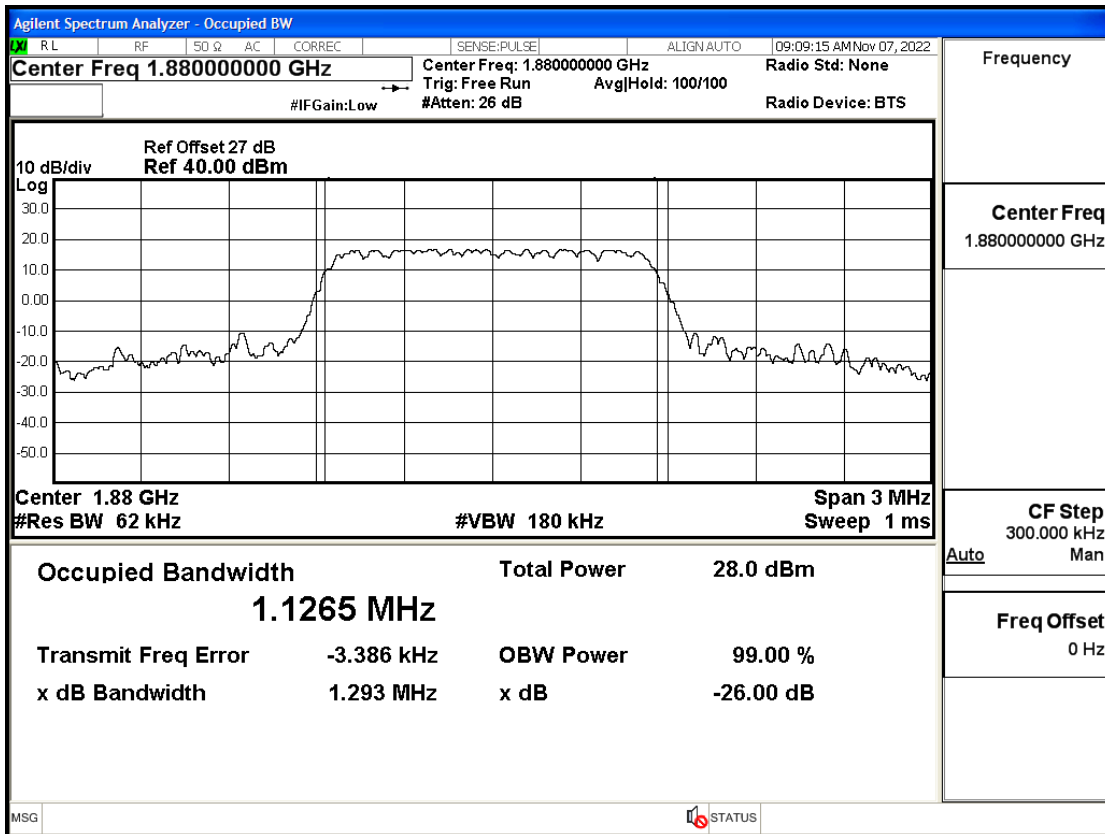
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



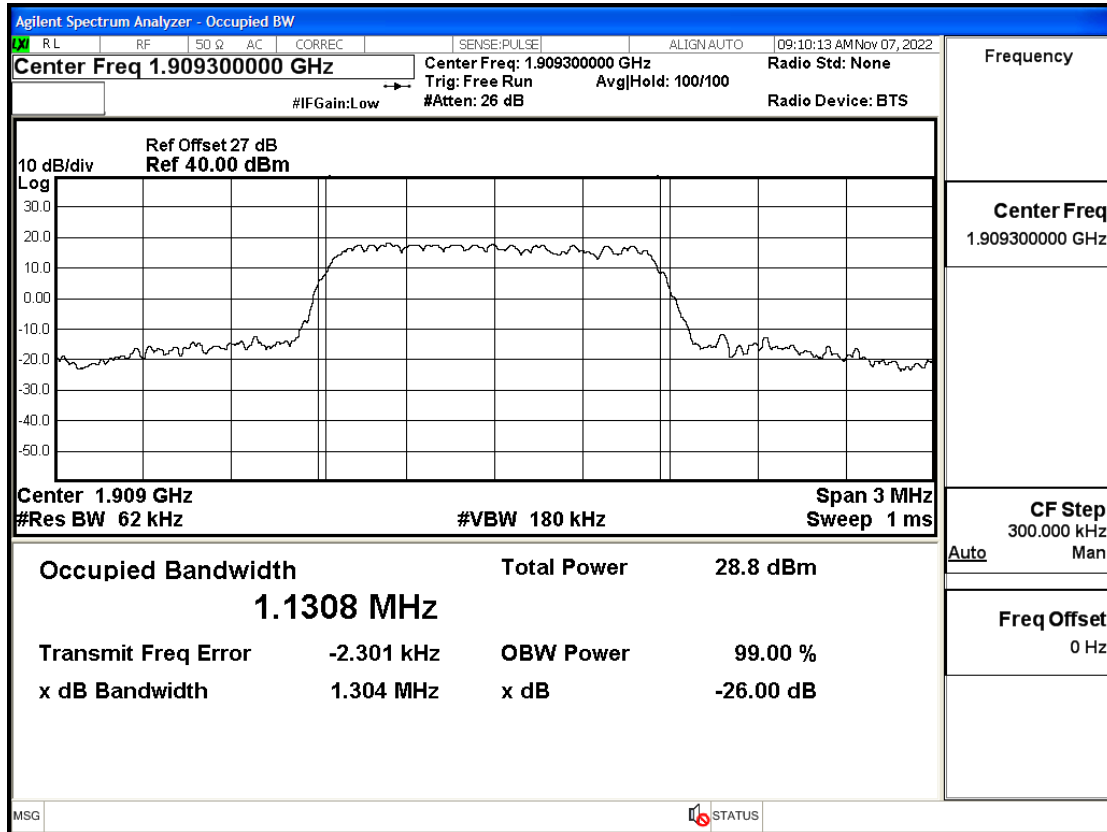
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



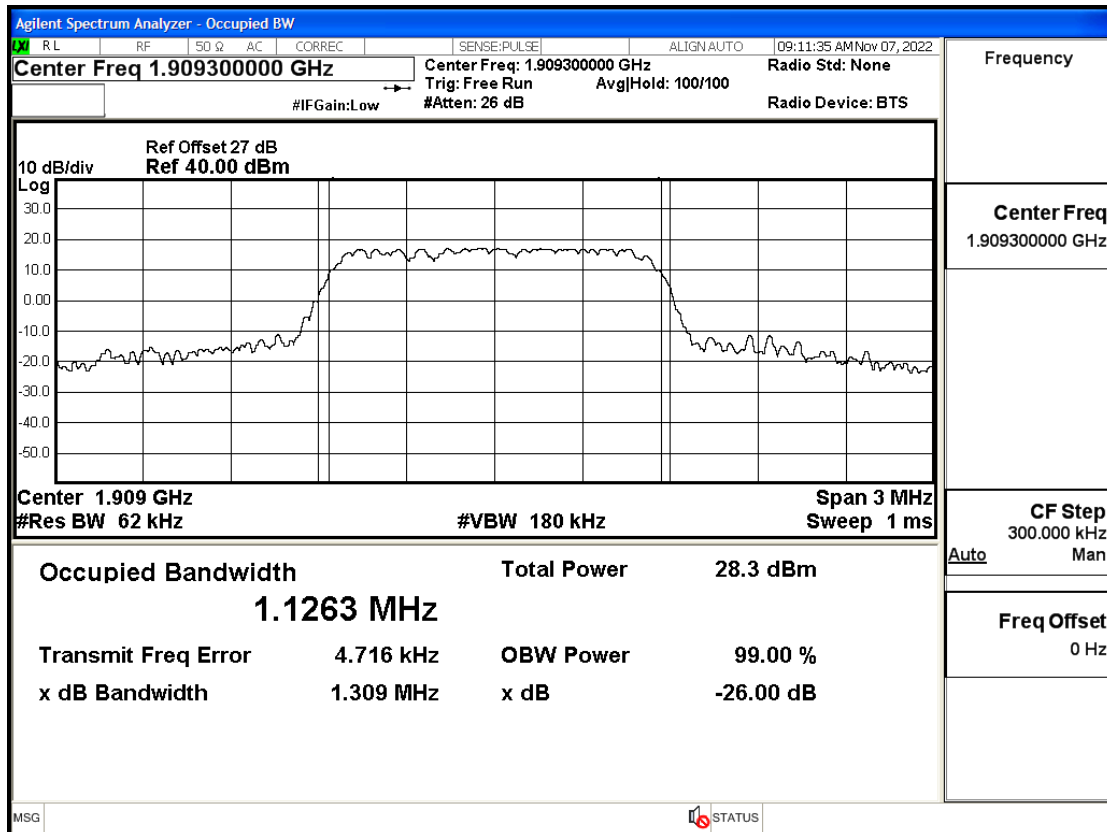
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



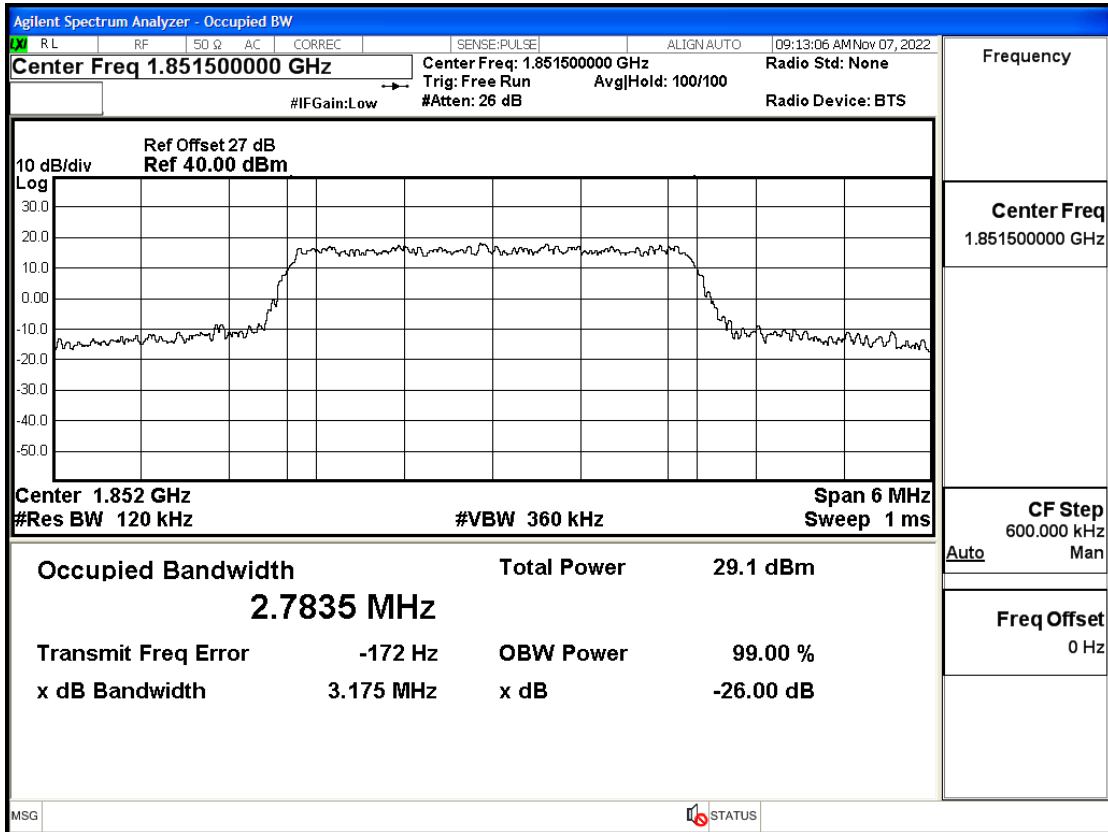
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



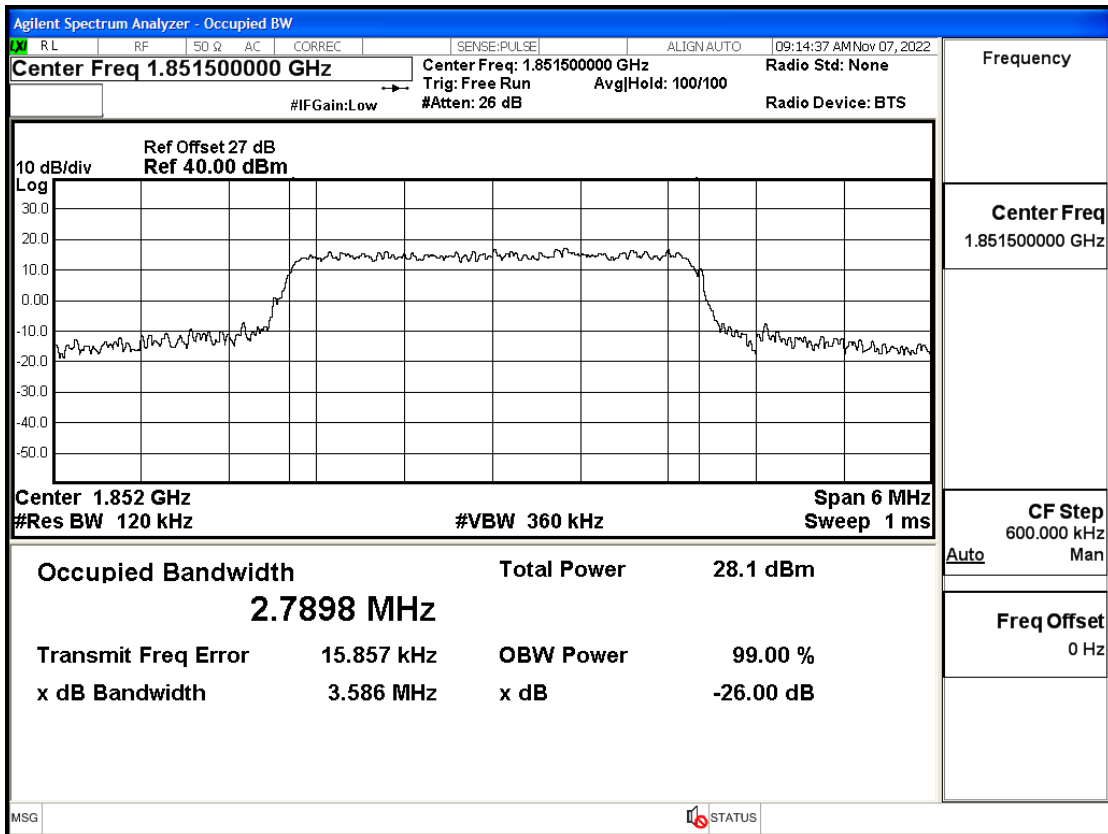
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



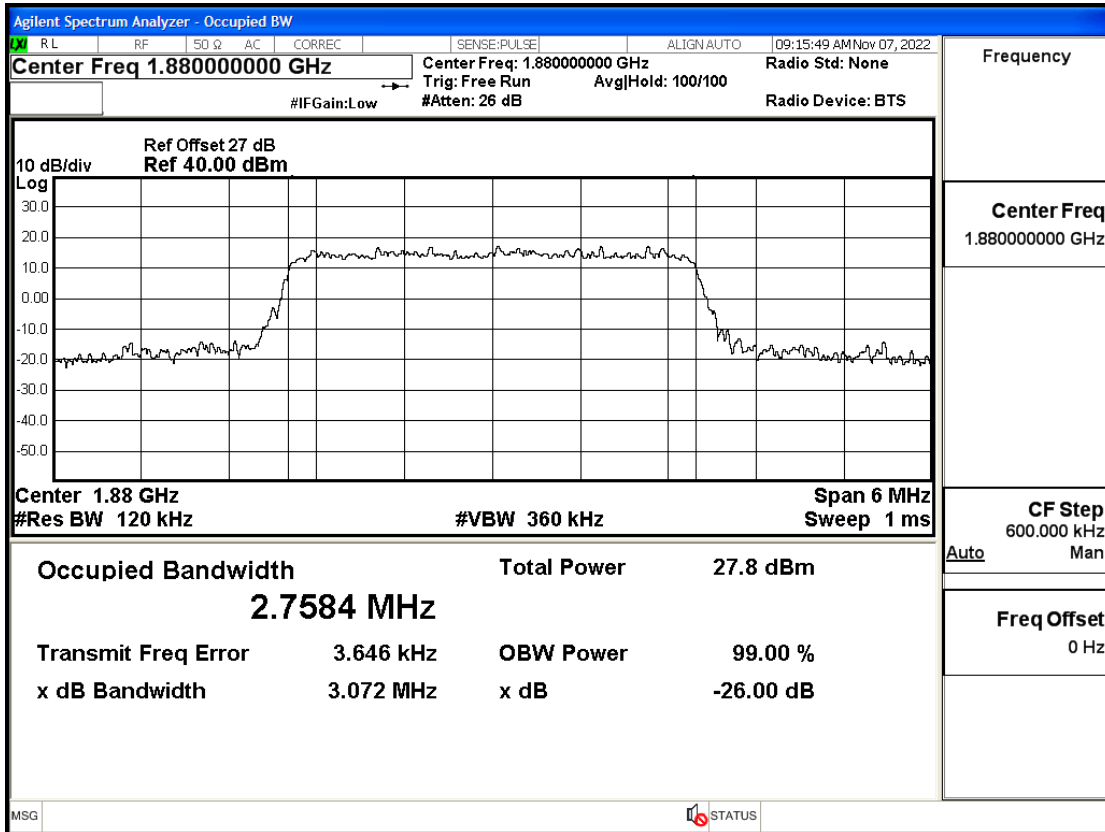
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



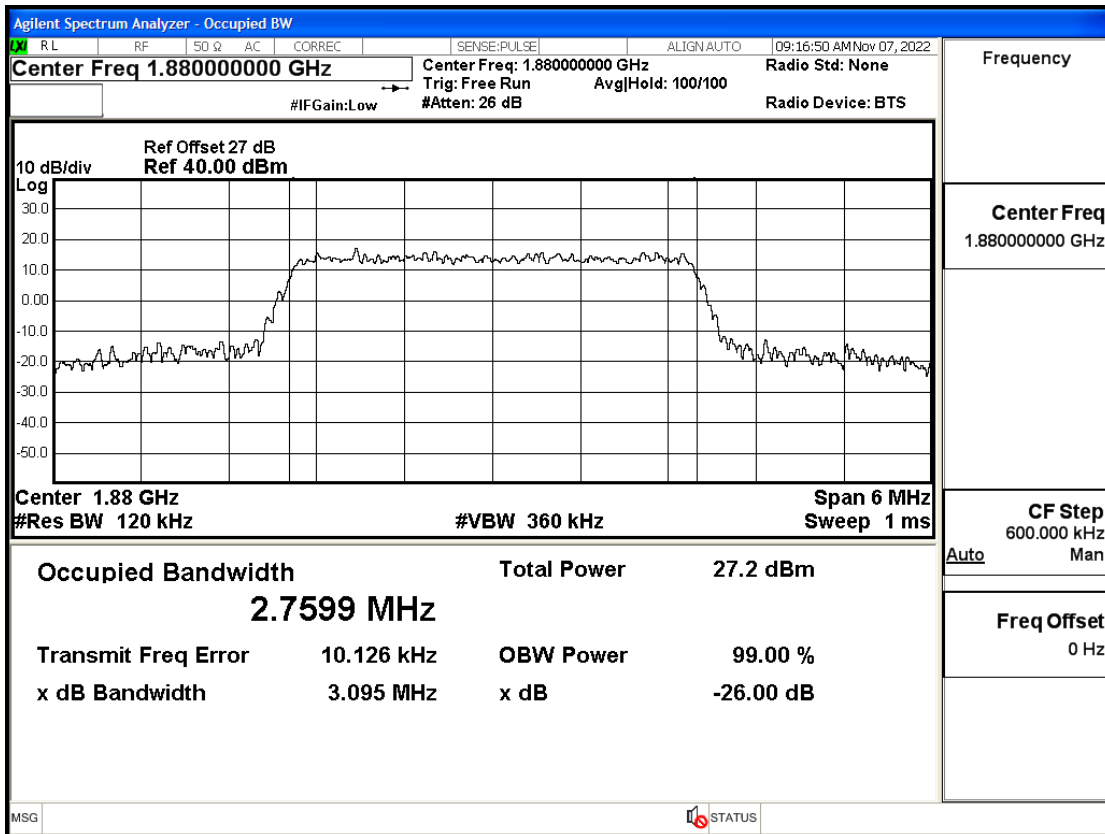
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



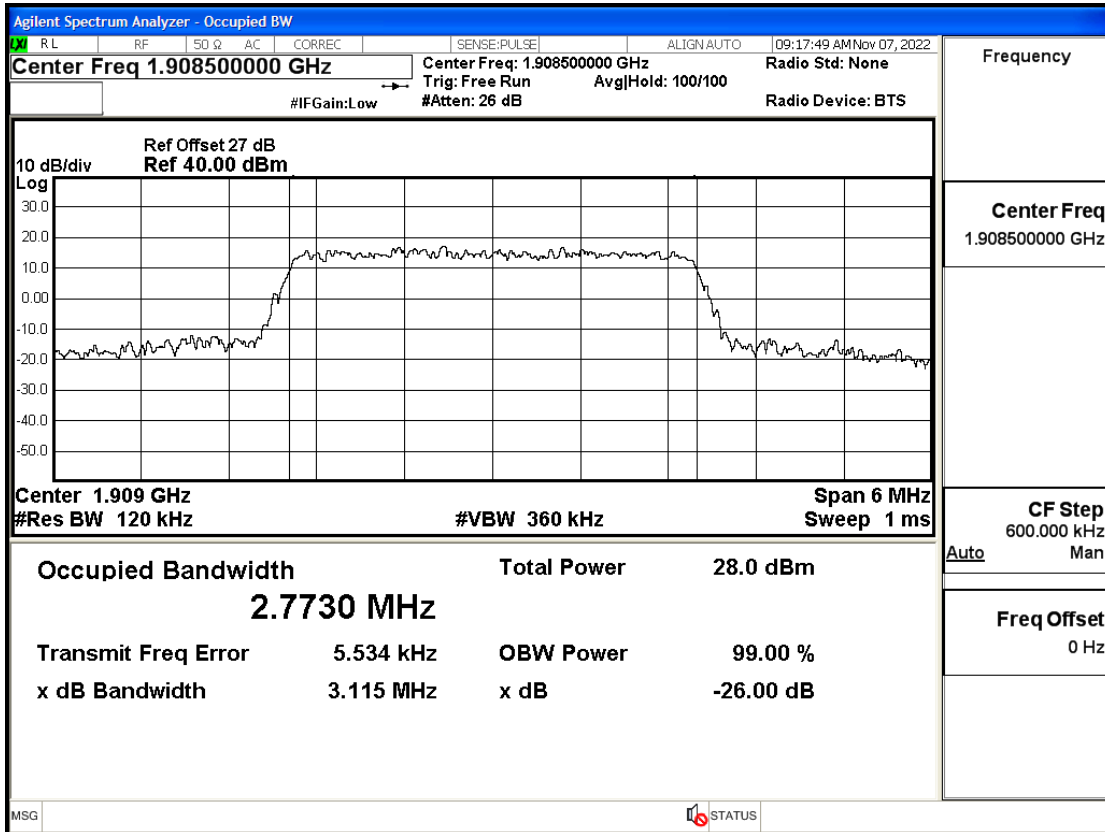
Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth



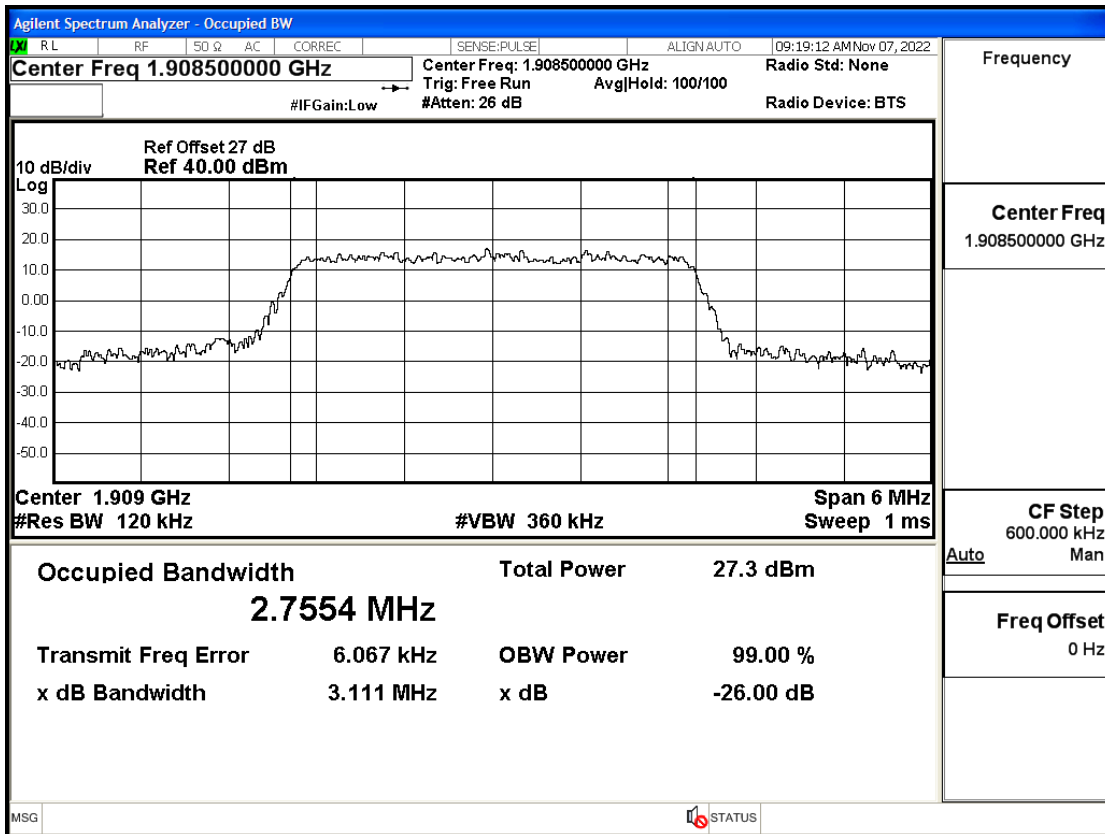
Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth



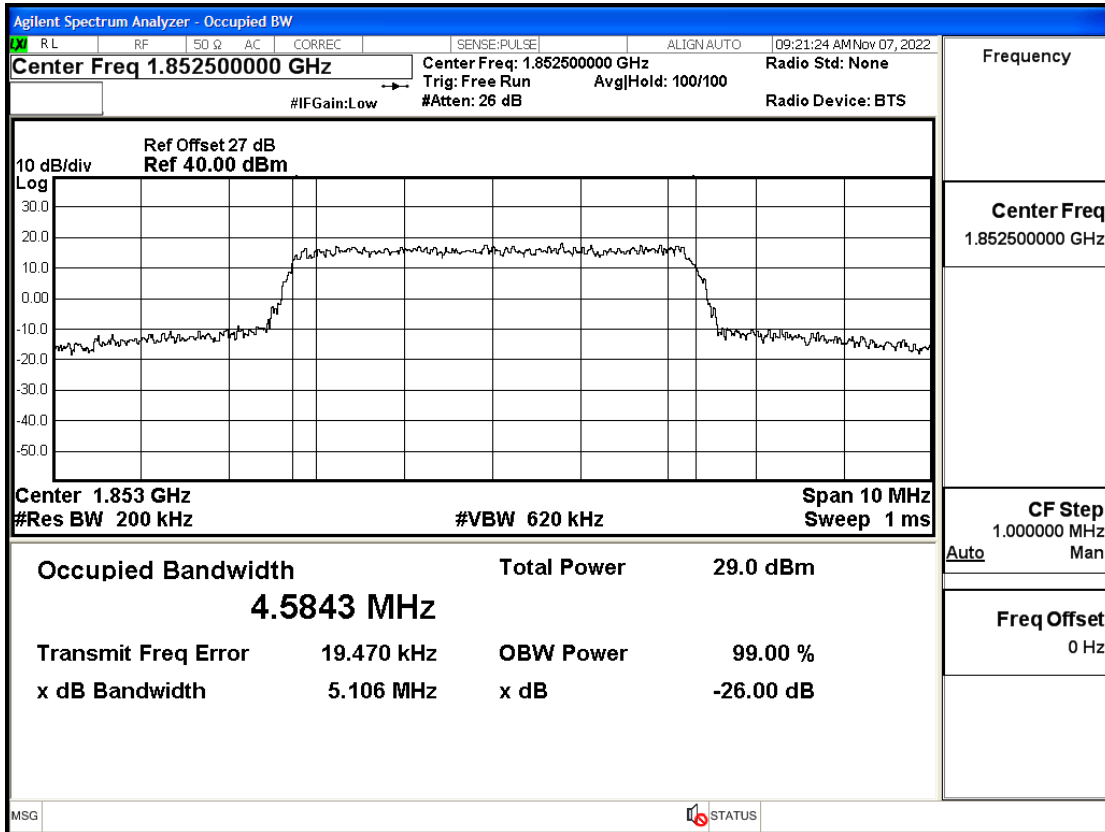
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



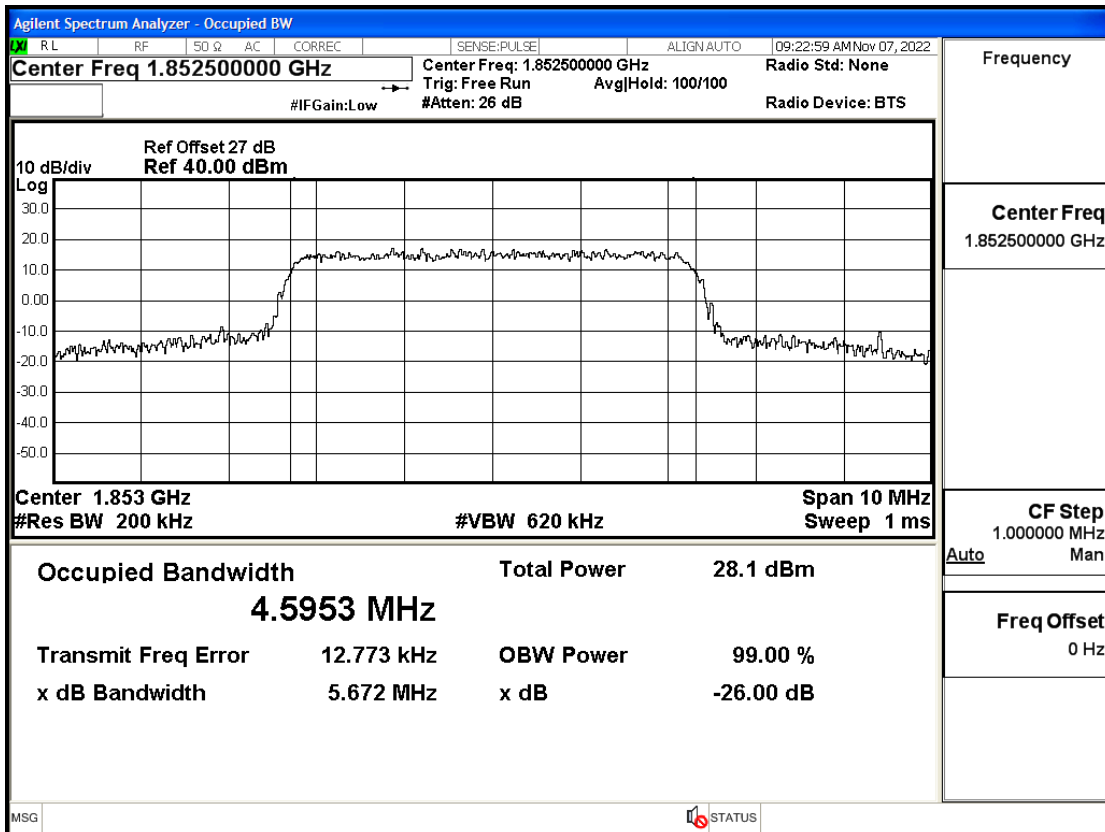
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



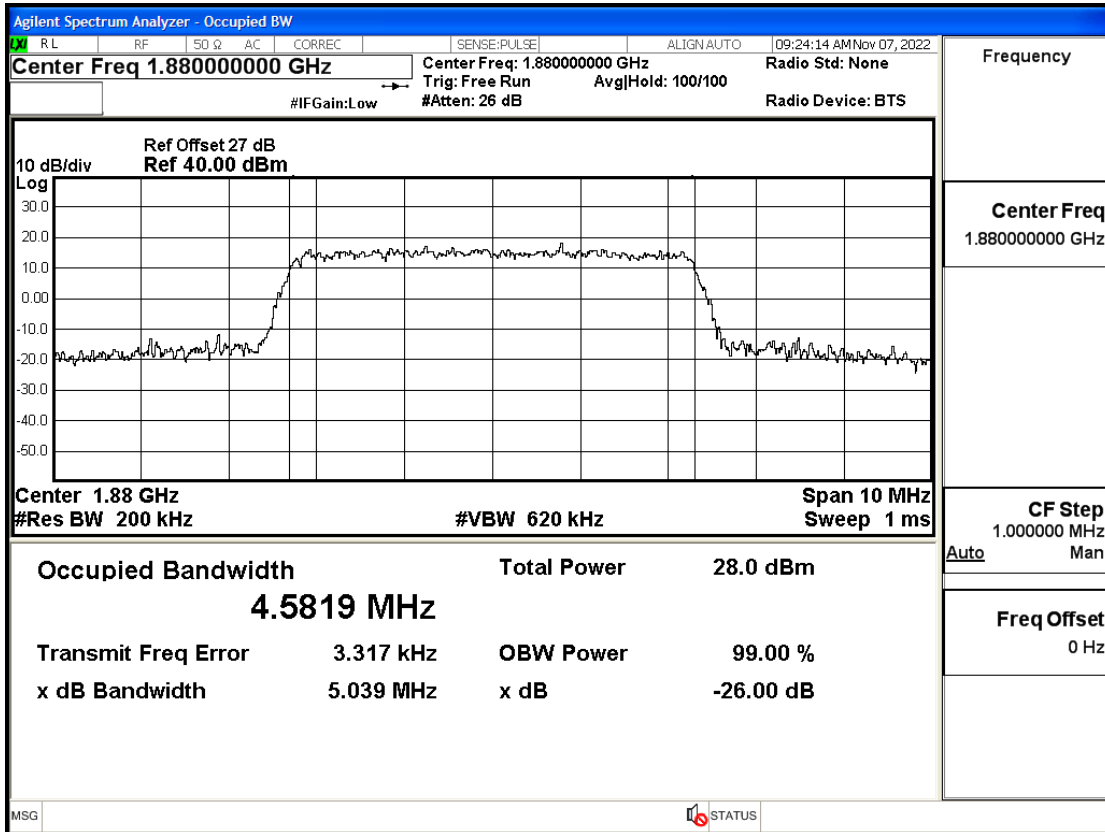
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



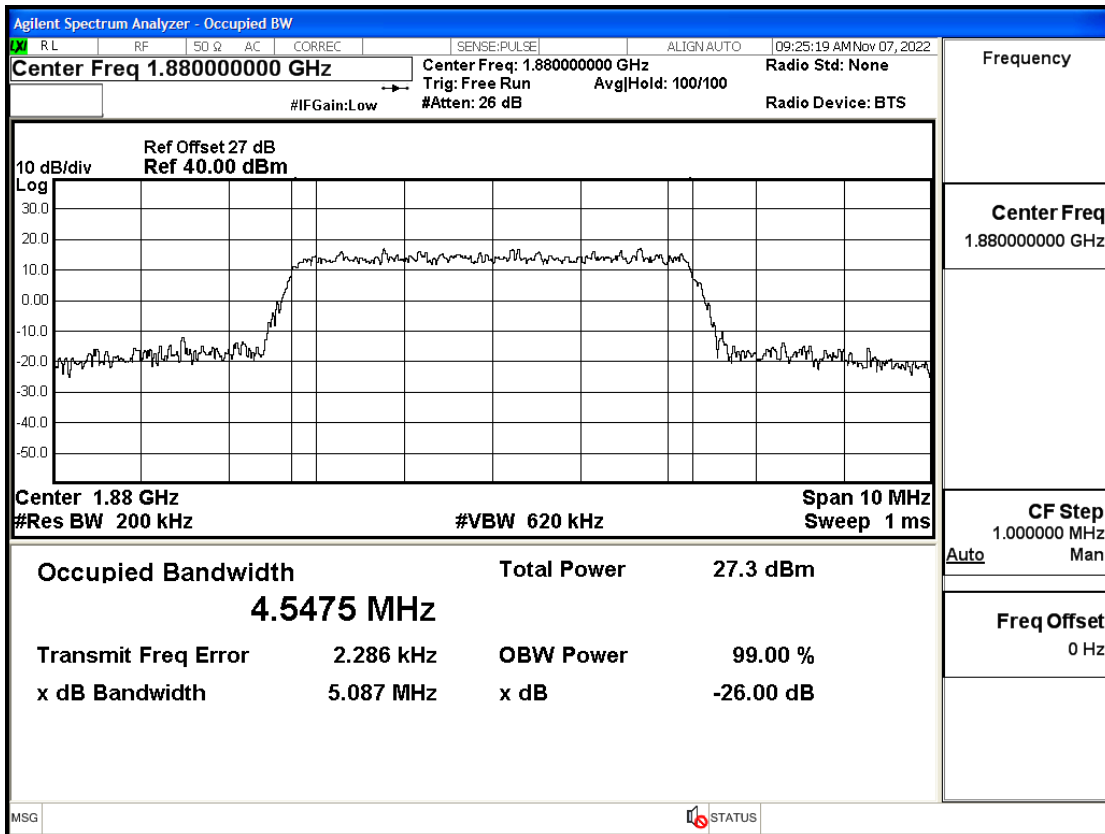
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



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

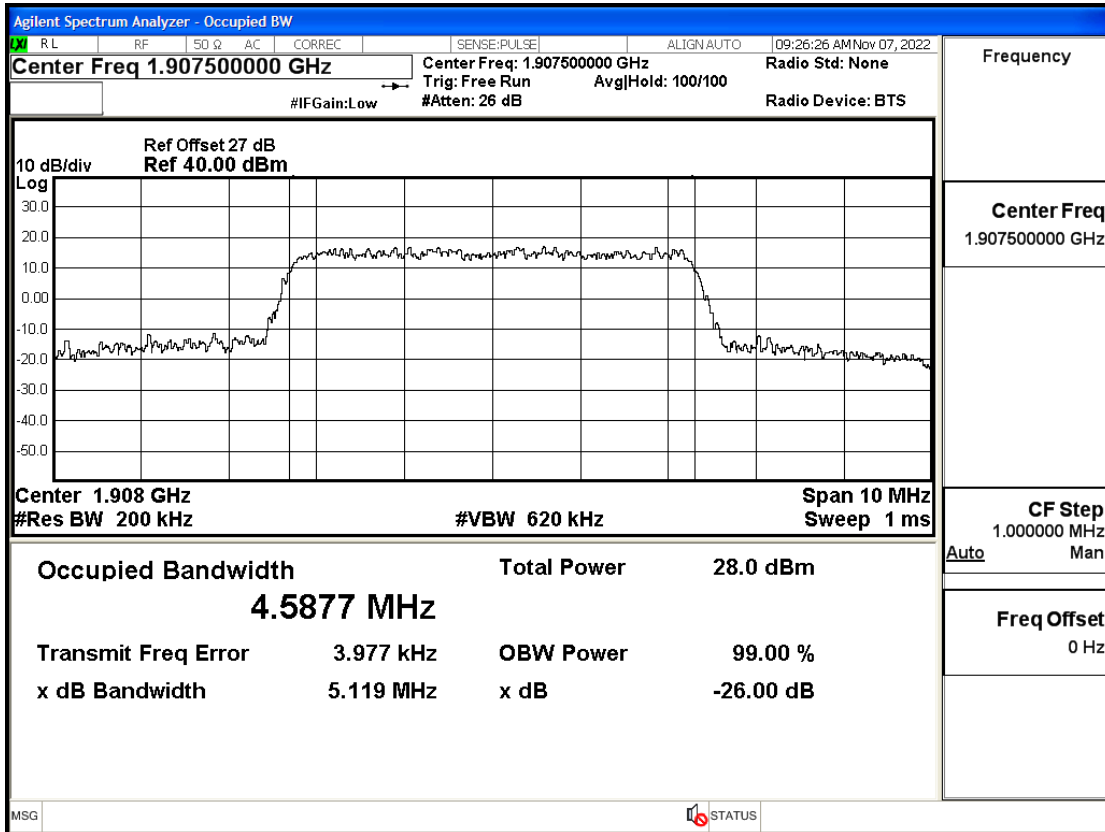


Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth

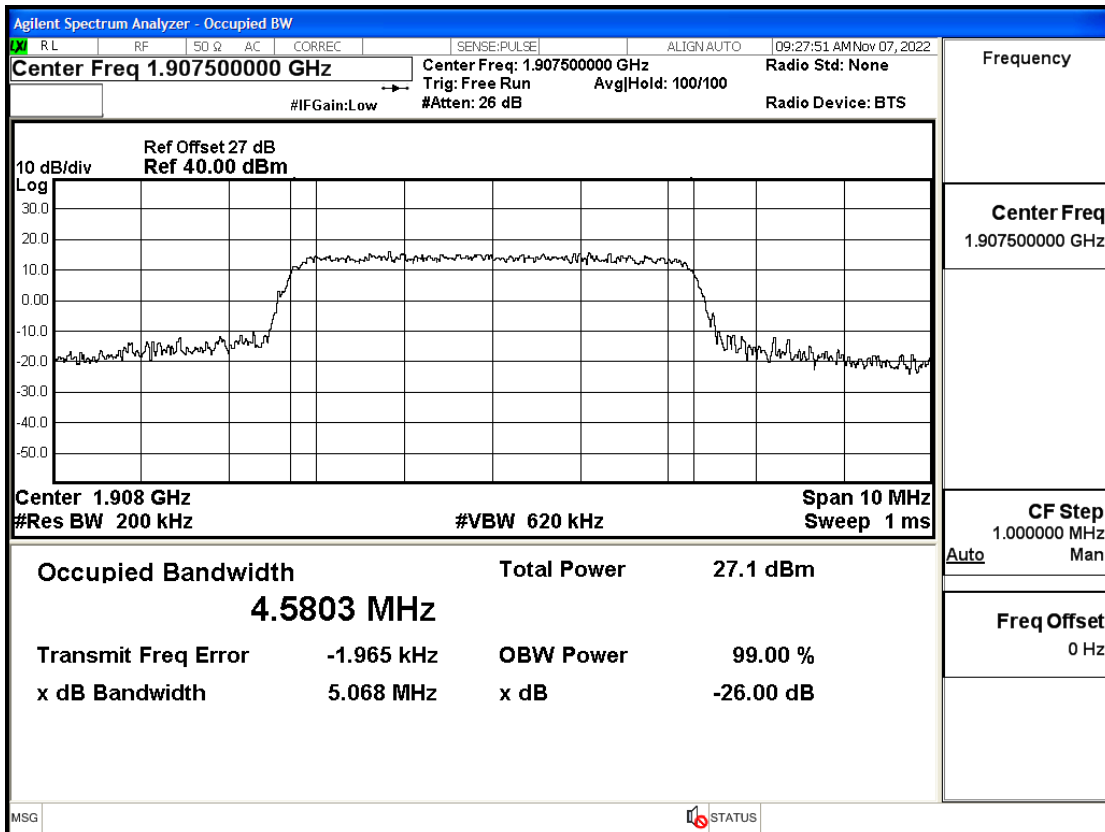




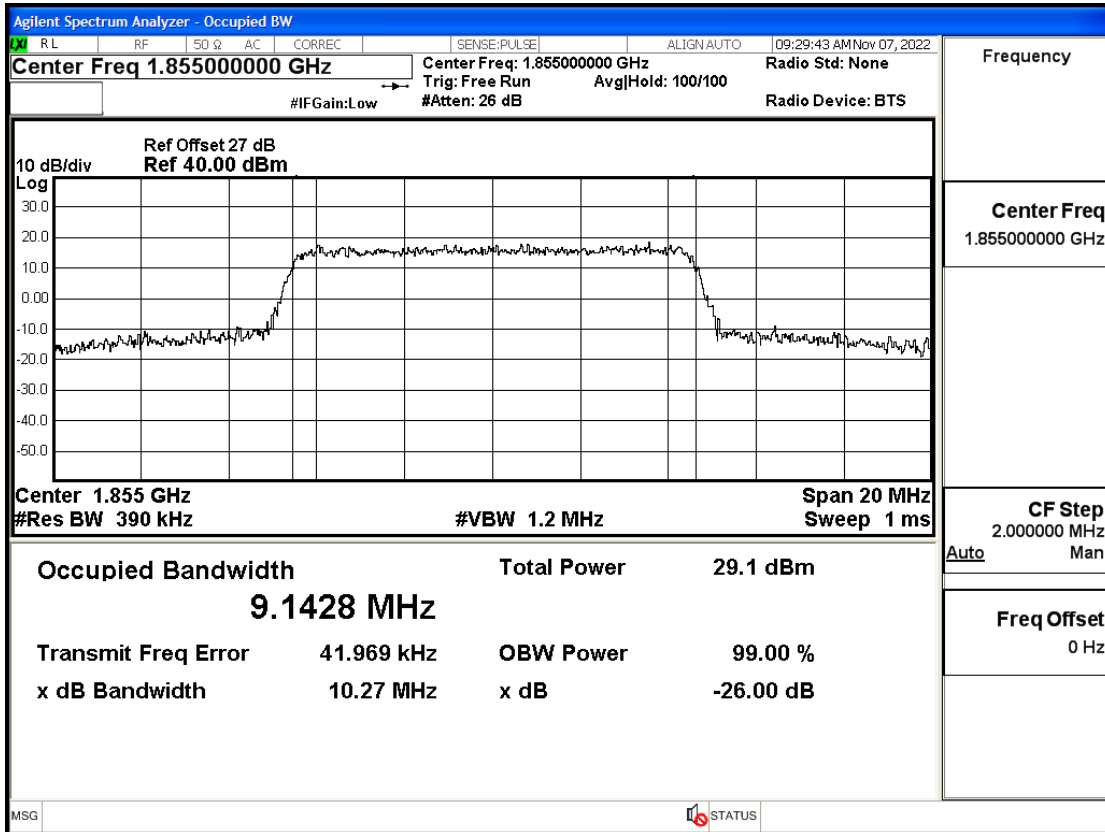
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



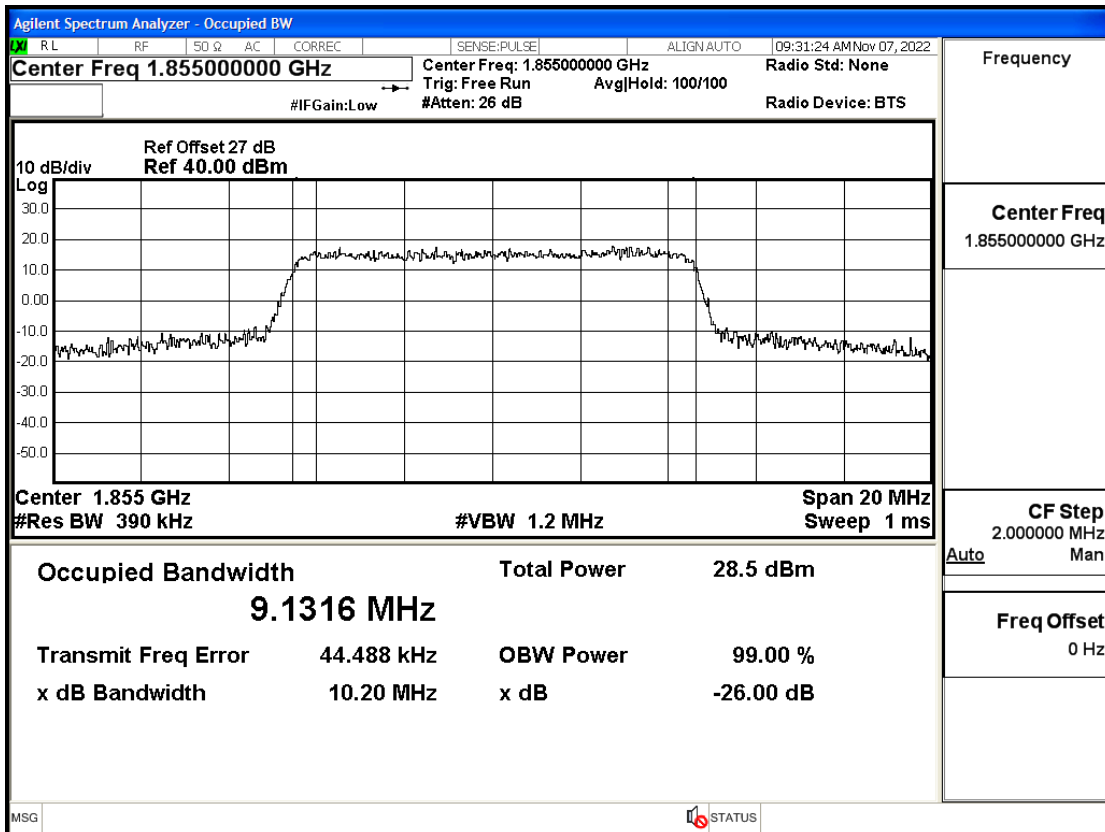
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



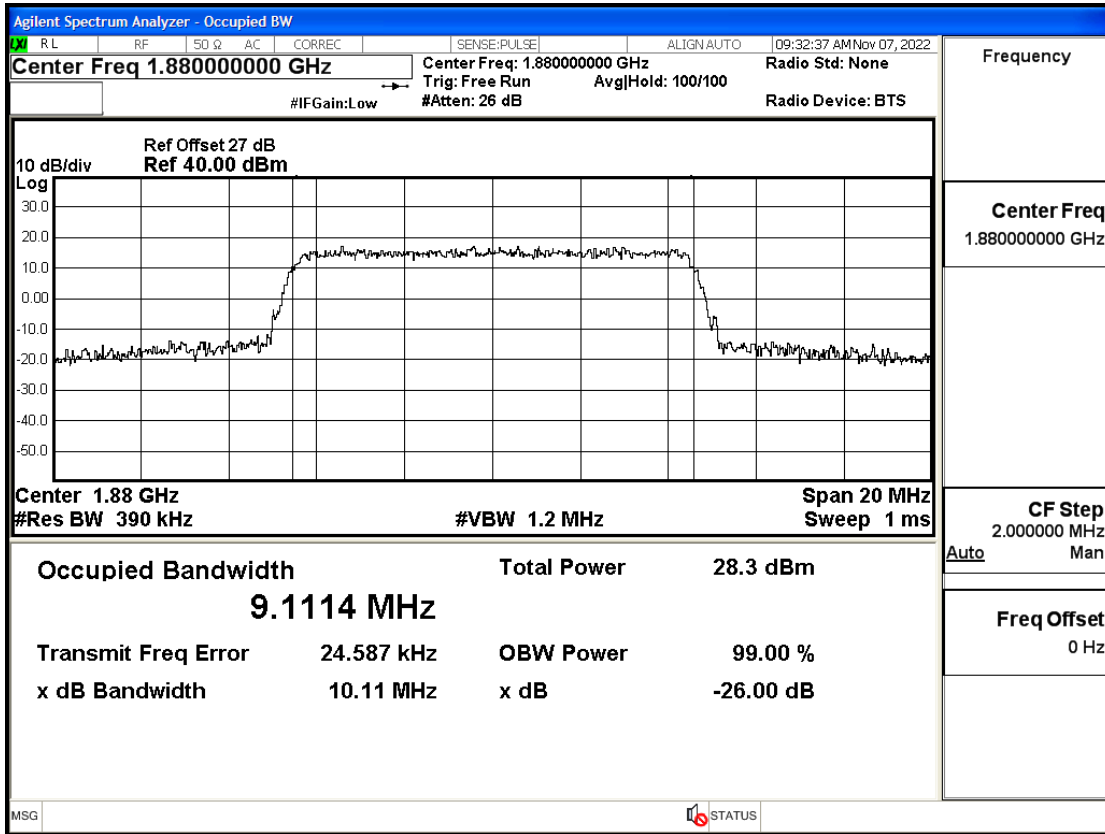
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



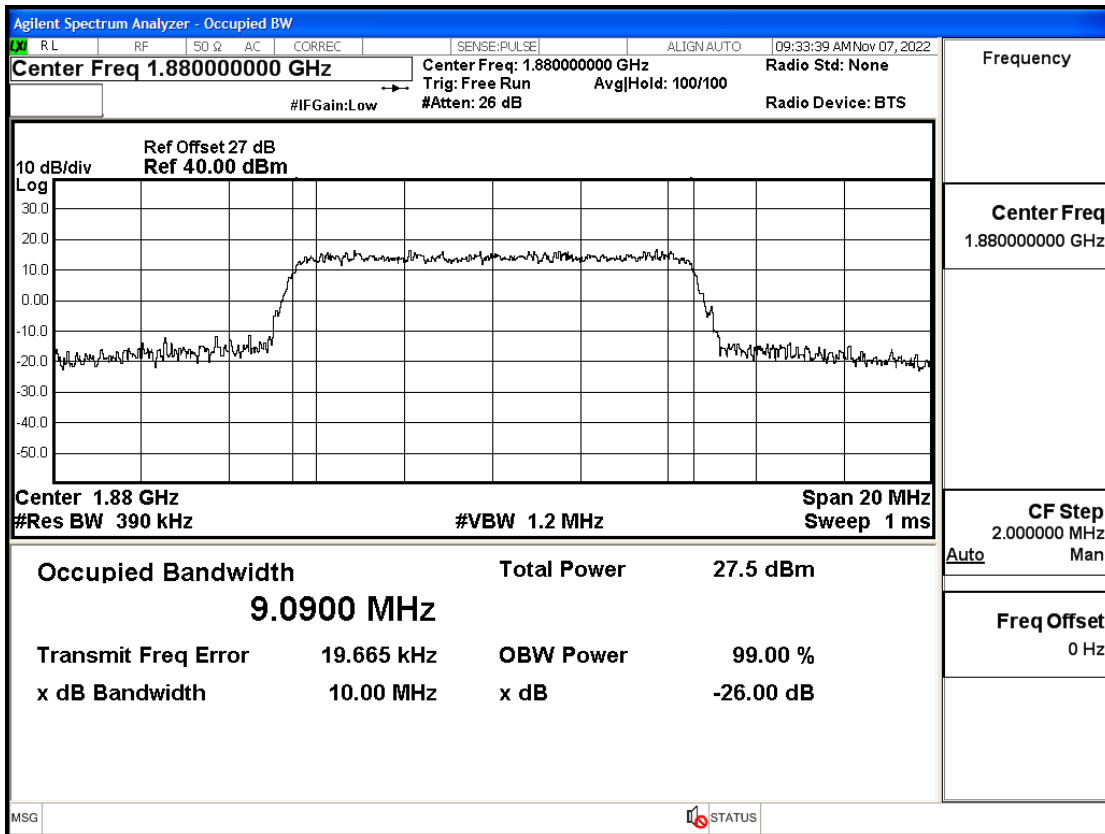
Band2-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



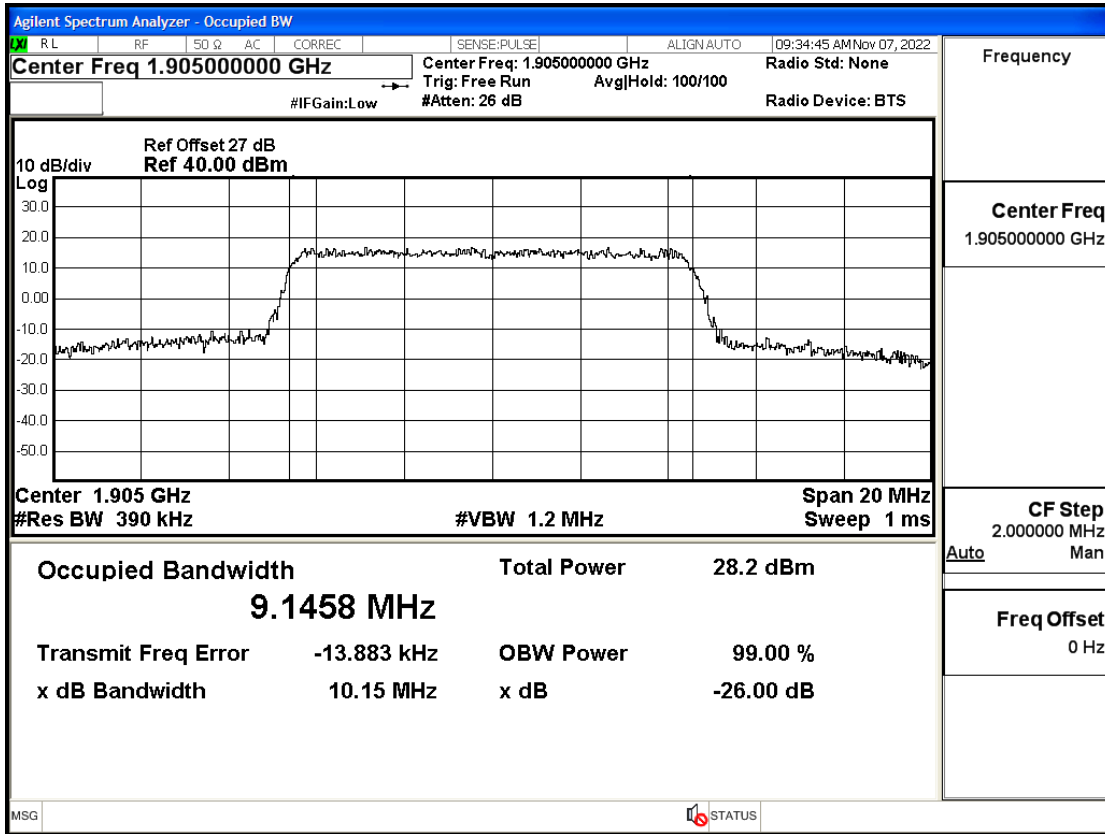
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



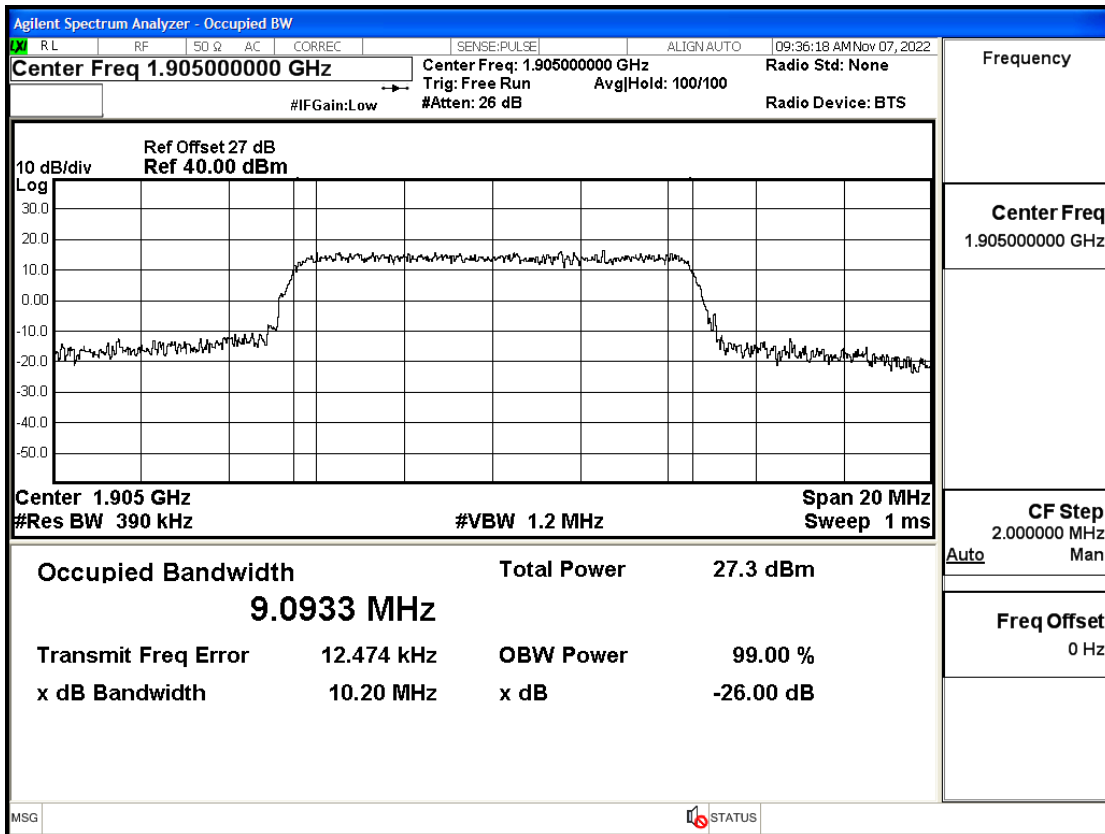
Band2-10-1880-16QAM-50#LOW@26dB and 99PCT Bandwidth



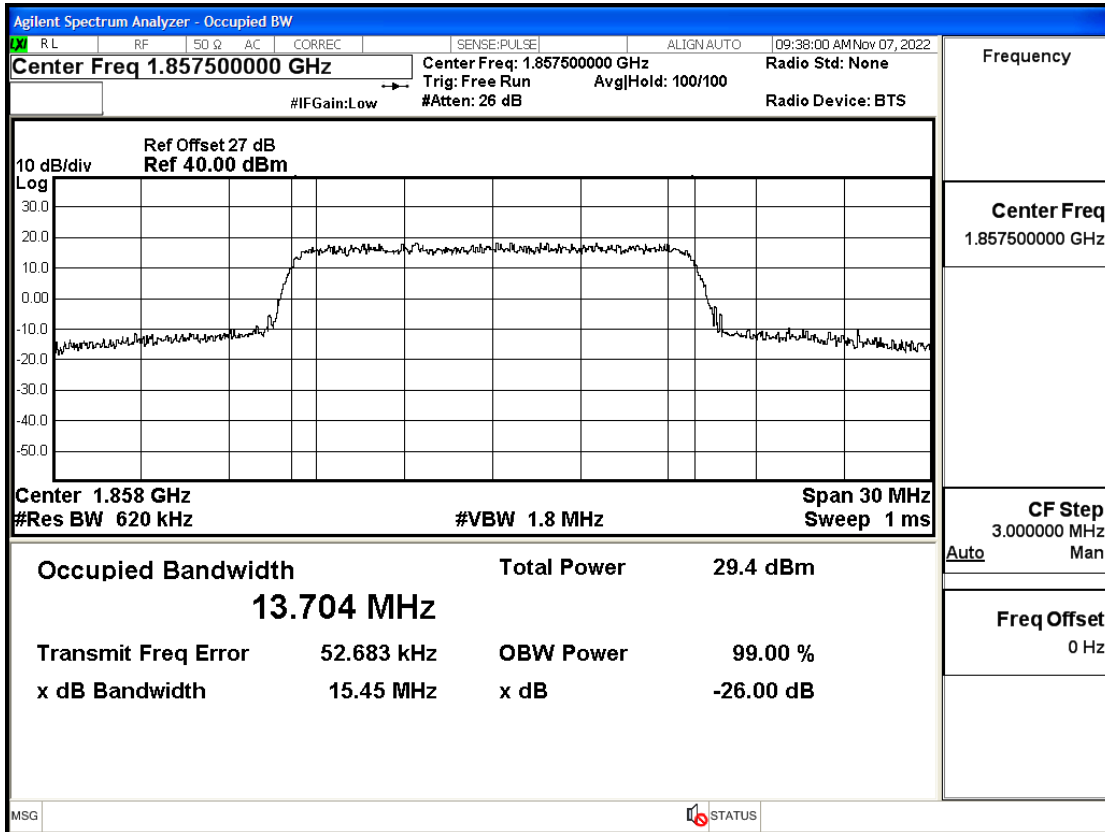
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



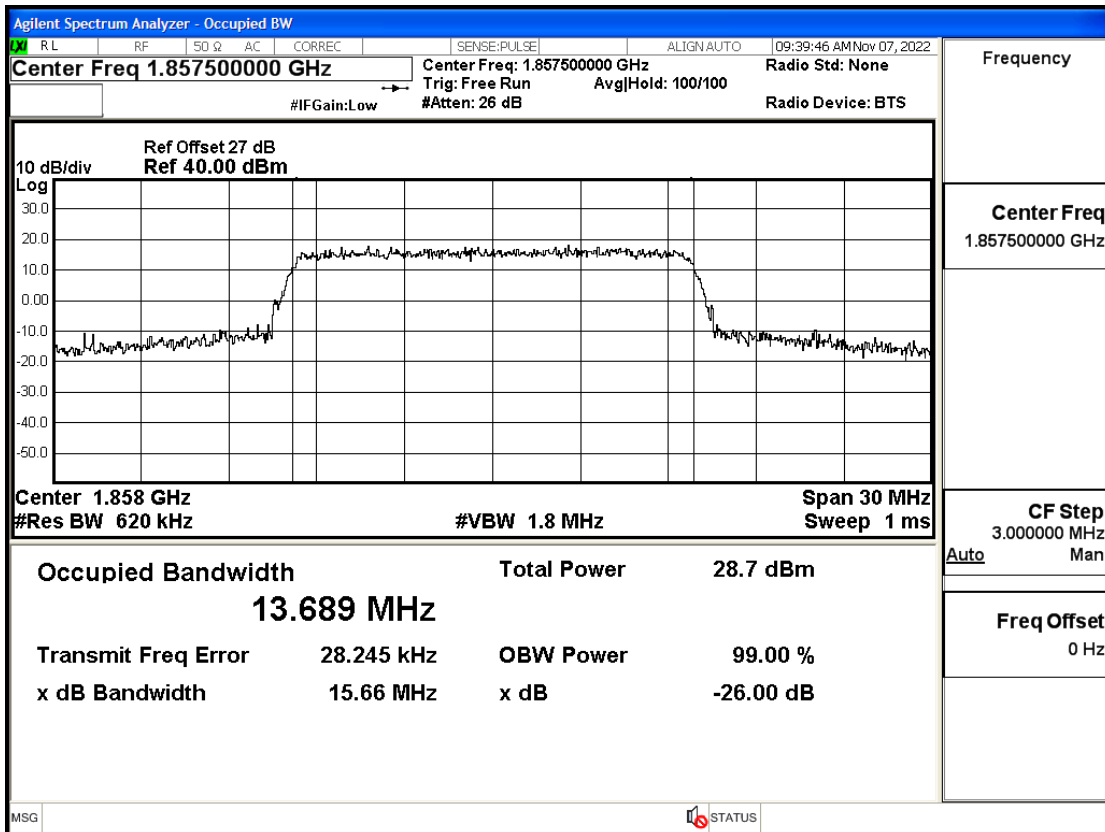
Band2-10-1905-16QAM-50#LOW@26dB and 99PCT Bandwidth



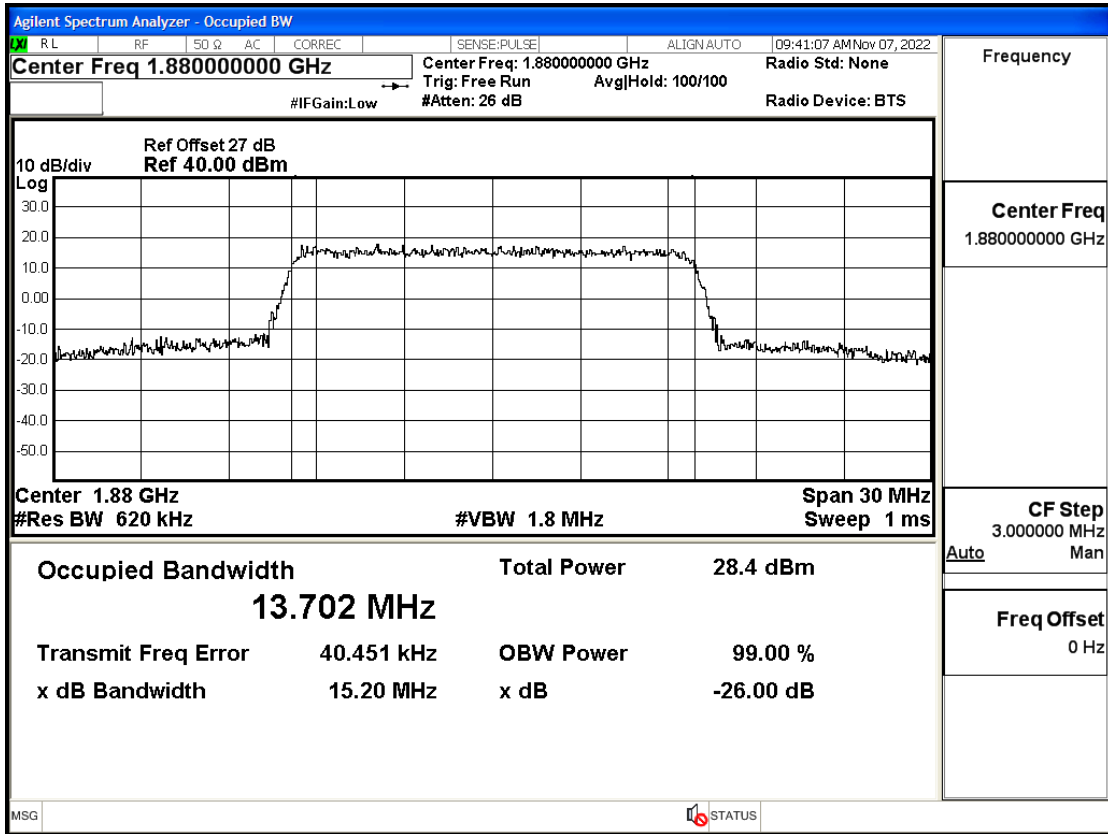
Band2-15-1857.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



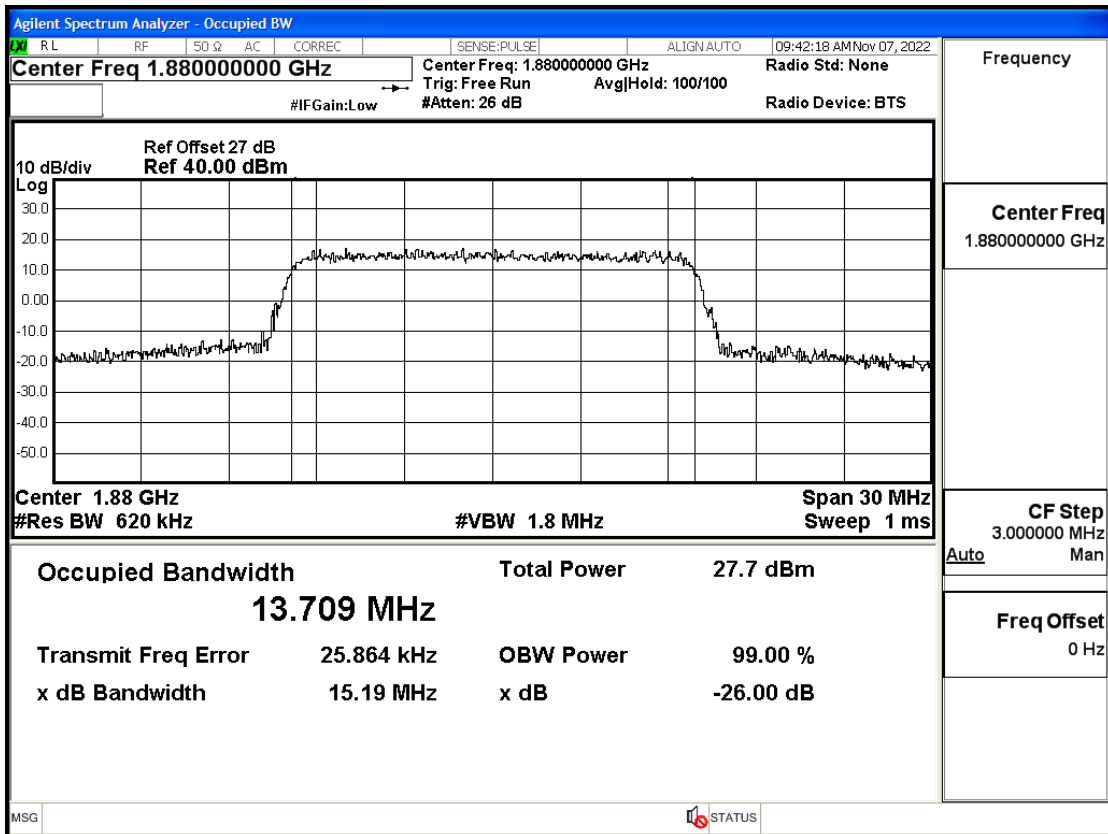
Band2-15-1857.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



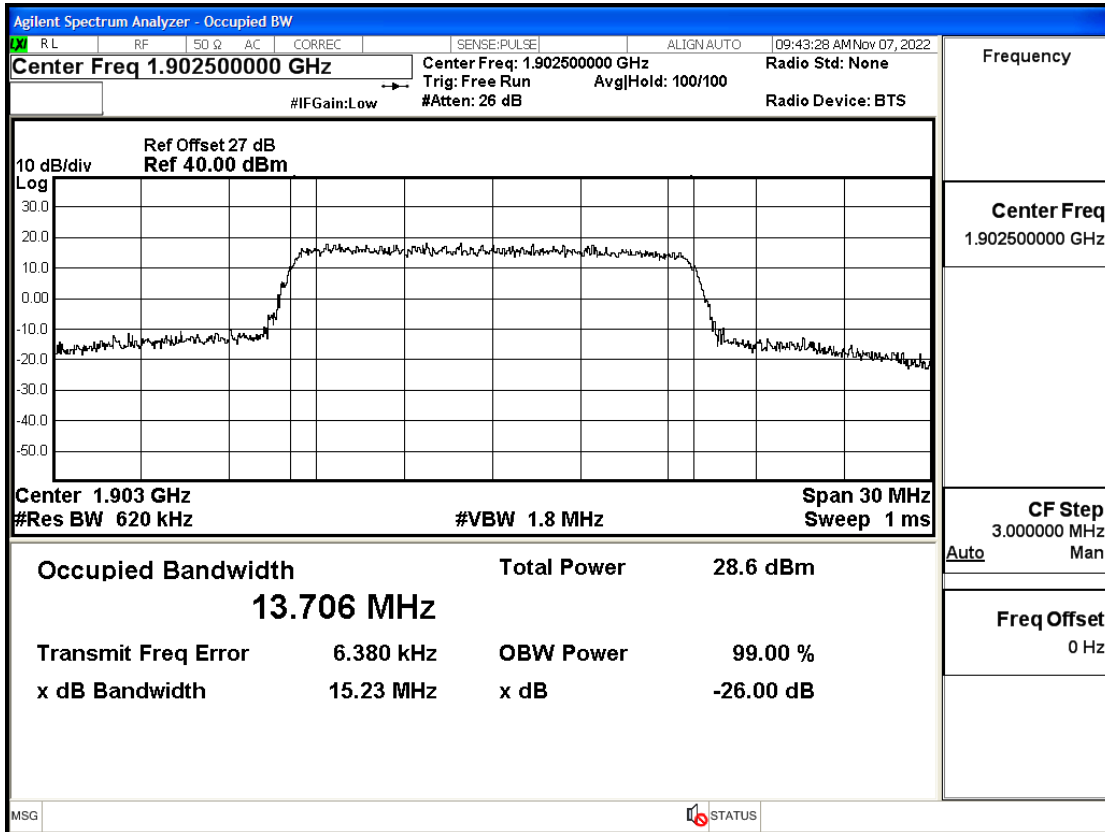
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



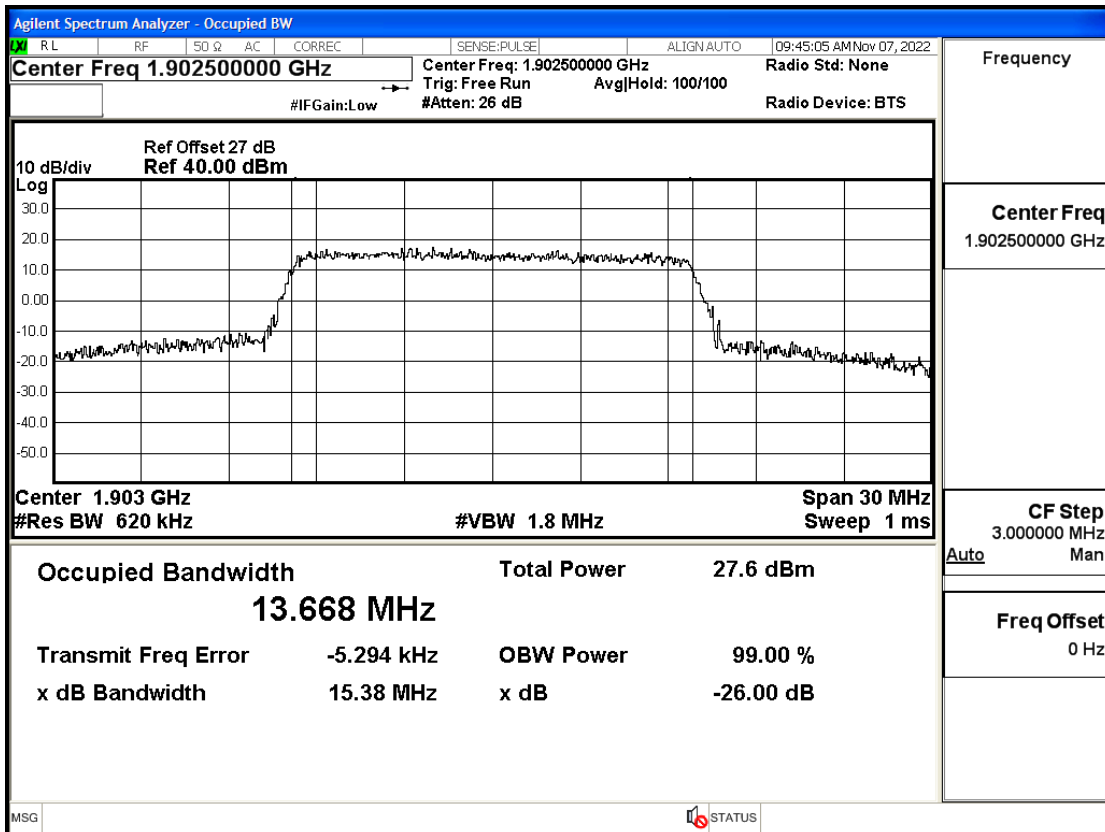
Band2-15-1880-16QAM-75#LOW@26dB and 99PCT Bandwidth



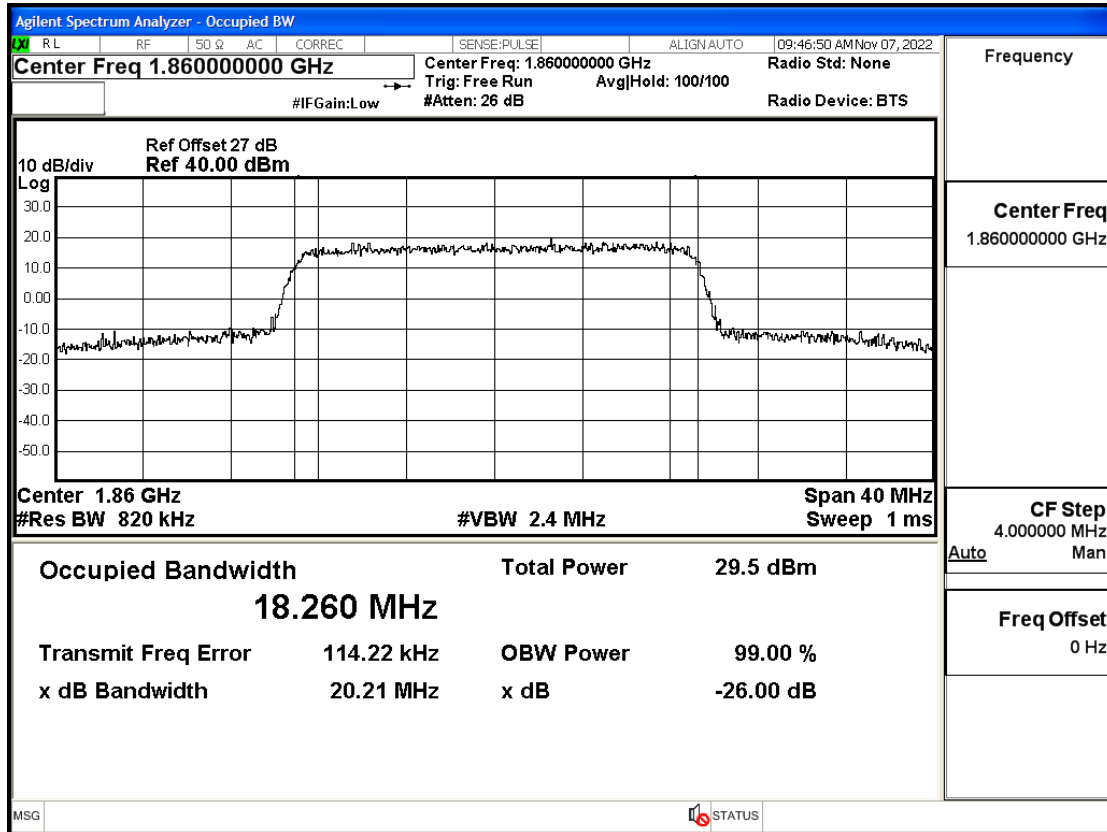
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



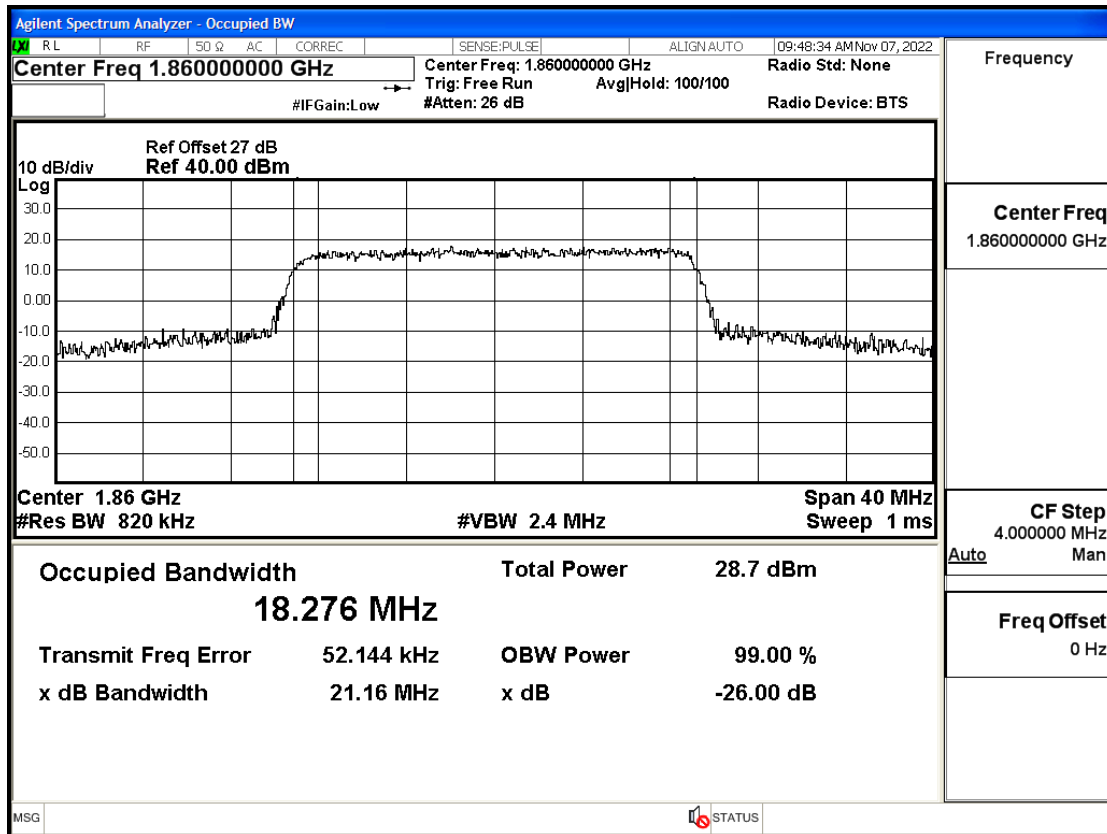
Band2-15-1902.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



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

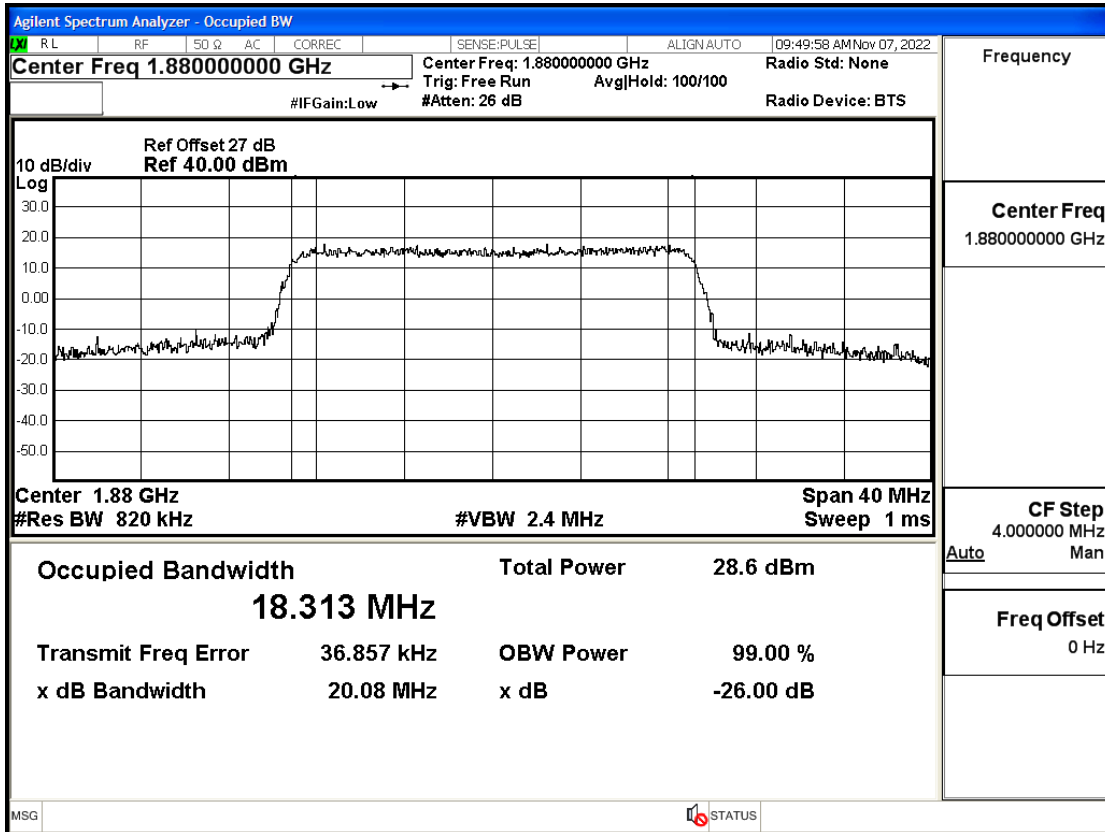


Band2-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth

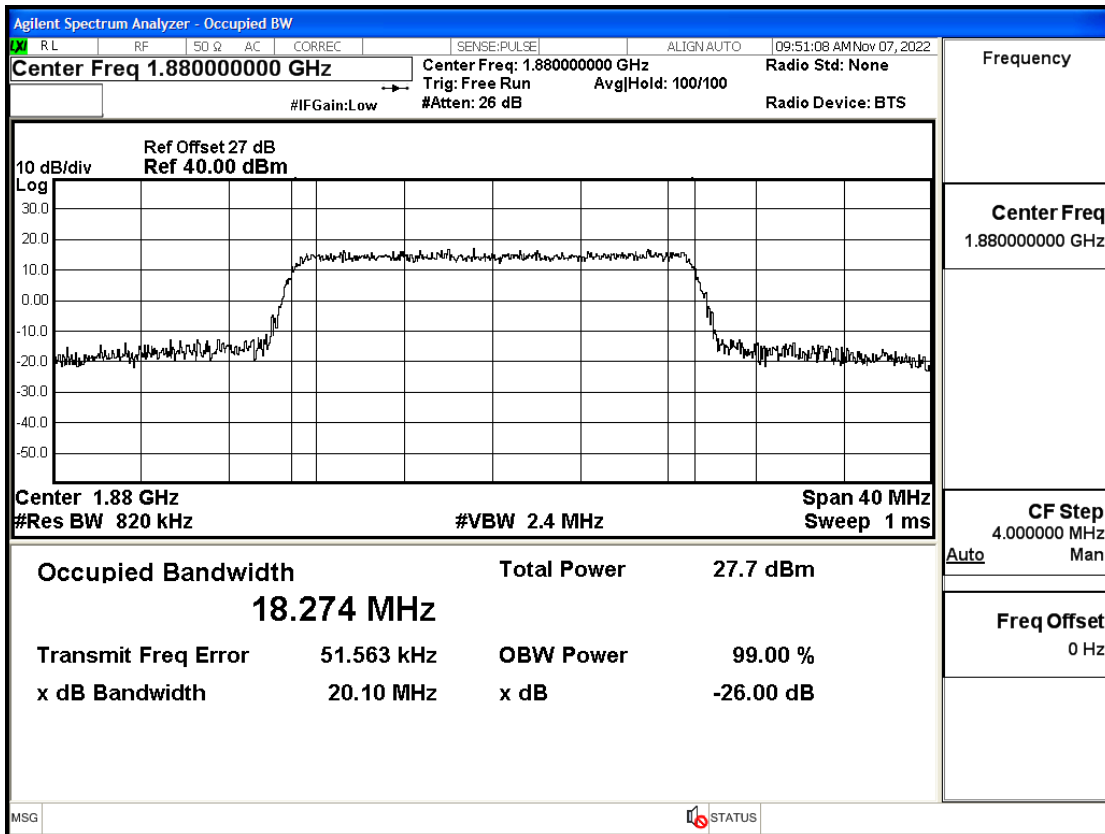




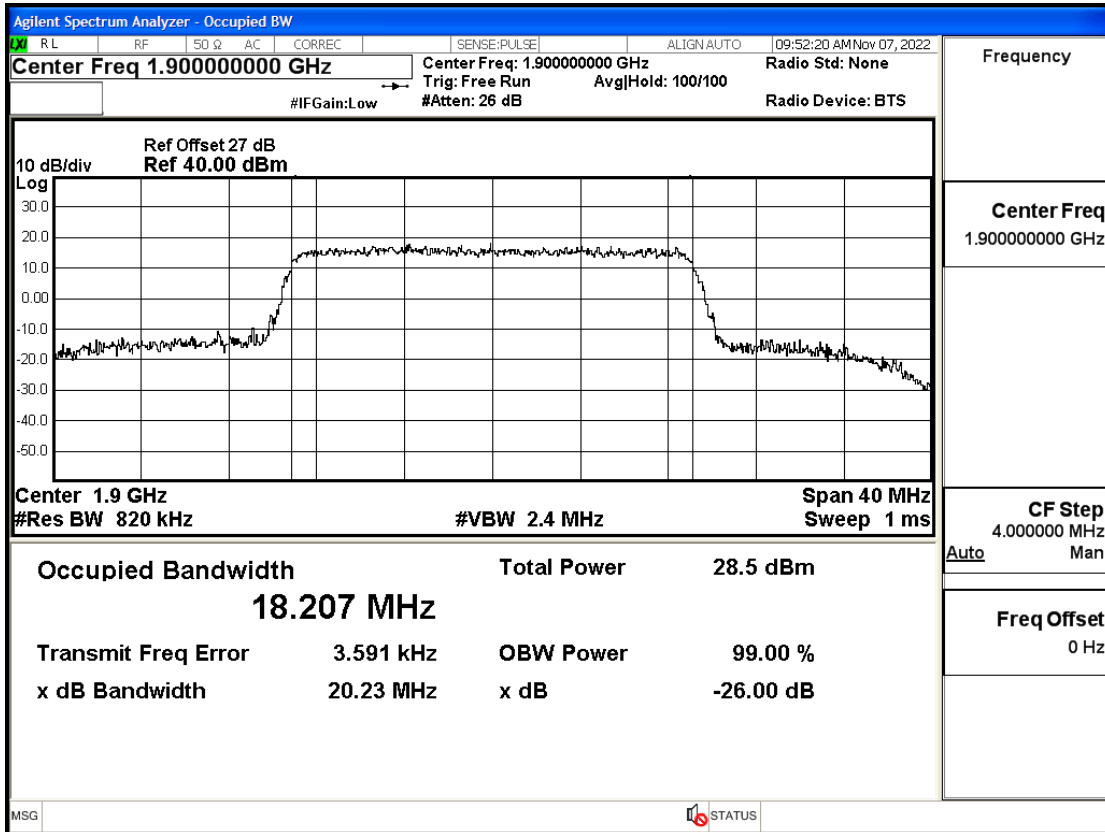
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



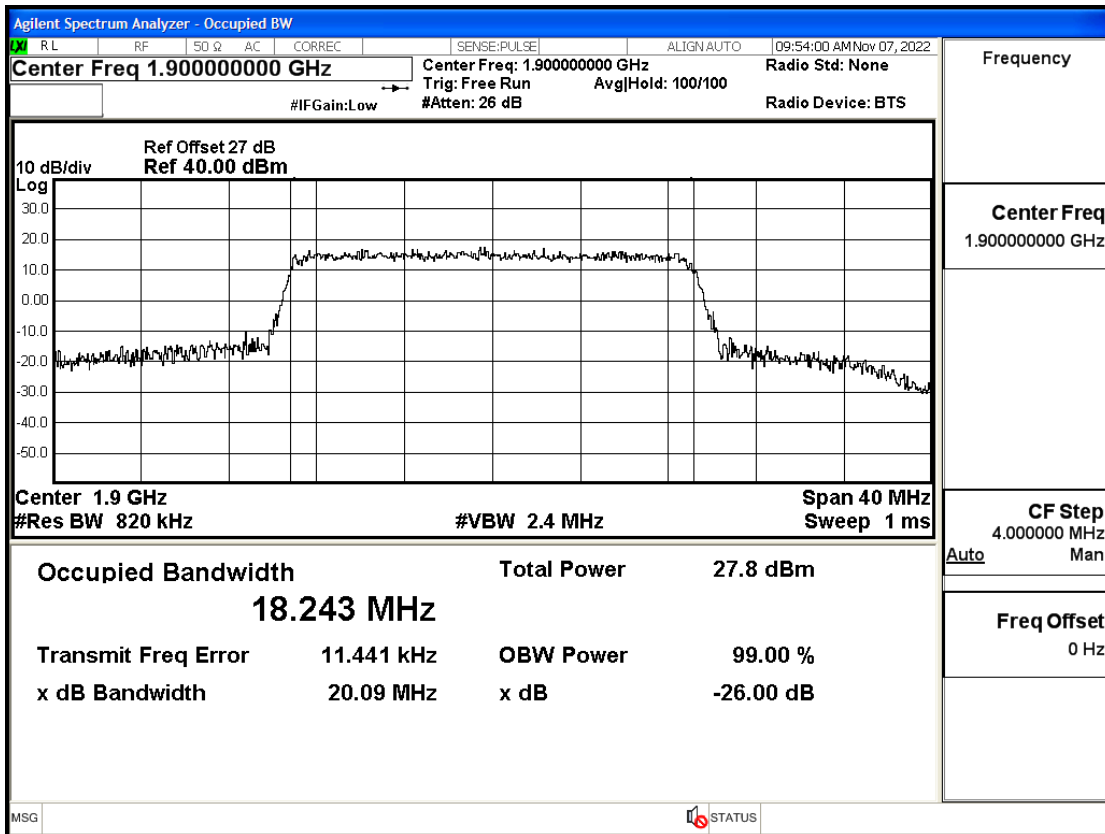
Band2-20-1880-16QAM-100#LOW@26dB and 99PCT Bandwidth



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	0.0567	PASS
40	Normal Voltage	0.0383	
30	Normal Voltage	0.0181	
20(Ref.)	Normal Voltage	0.0249	
10	Normal Voltage	0.0656	
0	Normal Voltage	0.0192	
-10	Normal Voltage	0.0473	
-20	Normal Voltage	0.0344	
-30	Normal Voltage	0.0194	
20	Maximum Voltage	0.0175	
20	Normal Voltage	0.0272	
20	Battery End Point	0.0563	

## 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	22.03	26.96	4.93	13	0.81	22.84	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	22.78	25.59	2.81	13	0.81	23.59	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	22.82	25.57	2.75	13	0.81	23.63	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	22.91	25.57	2.66	13	0.81	23.72	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	22.71	24.99	2.28	13	0.81	23.52	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	22.76	25.11	2.35	13	0.81	23.57	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	22.72	25.1	2.38	13	0.81	23.53	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	21.23	26.73	5.5	13	0.81	22.04	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	21.72	25.61	3.89	13	0.81	22.53	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	21.71	25.64	3.93	13	0.81	22.52	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	21.73	25.46	3.73	13	0.81	22.54	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	22.28	25.09	2.81	13	0.81	23.09	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	22.26	25.05	2.79	13	0.81	23.07	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	22.3	25.18	2.88	13	0.81	23.11	33	Pass
Band2	1.4	1880	QPSK	6	LOW	21.14	26.36	5.22	13	0.81	21.95	33	Pass
Band2	1.4	1880	QPSK	3	LOW	21.63	25.43	3.8	13	0.81	22.44	33	Pass
Band2	1.4	1880	QPSK	3	MID	21.62	25.27	3.65	13	0.81	22.43	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	21.6	25.24	3.64	13	0.81	22.41	33	Pass
Band2	1.4	1880	QPSK	1	LOW	21.71	24.83	3.12	13	0.81	22.52	33	Pass
Band2	1.4	1880	QPSK	1	MID	21.56	24.75	3.19	13	0.81	22.37	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	21.7	24.92	3.22	13	0.81	22.51	33	Pass
Band2	1.4	1880	16QAM	6	LOW	20.33	26.4	6.07	13	0.81	21.14	33	Pass
Band2	1.4	1880	16QAM	3	LOW	20.84	25.23	4.39	13	0.81	21.65	33	Pass
Band2	1.4	1880	16QAM	3	MID	20.84	25.27	4.43	13	0.81	21.65	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	20.93	25.2	4.27	13	0.81	21.74	33	Pass
Band2	1.4	1880	16QAM	1	LOW	20.95	25.08	4.13	13	0.81	21.76	33	Pass
Band2	1.4	1880	16QAM	1	MID	20.9	24.72	3.82	13	0.81	21.71	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	20.92	24.62	3.7	13	0.81	21.73	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	21.11	26.25	5.14	13	0.81	21.92	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	21.65	25.49	3.84	13	0.81	22.46	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	21.8	25.47	3.67	13	0.81	22.61	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	21.74	25.62	3.88	13	0.81	22.55	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	21.55	24.54	2.99	13	0.81	22.36	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	21.58	24.73	3.15	13	0.81	22.39	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	21.53	24.84	3.31	13	0.81	22.34	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	20.38	26.23	5.85	13	0.81	21.19	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	20.9	25.3	4.4	13	0.81	21.71	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	20.89	25.3	4.41	13	0.81	21.7	33	Pass
Band2	1.4	1909.3	16QAM	3	HIGH	20.8	25.1	4.3	13	0.81	21.61	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	20.77	24.43	3.66	13	0.81	21.58	33	Pass

Band2	1.4	1909.3	16QAM	1	MID	20.8	24.45	3.65	13	0.81	21.61	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	20.83	25	4.17	13	0.81	21.64	33	Pass
Band2	3	1851.5	QPSK	15	LOW	22.14	26.95	4.81	13	0.81	22.95	33	Pass
Band2	3	1851.5	QPSK	8	LOW	21.51	25.3	3.79	13	0.81	22.32	33	Pass
Band2	3	1851.5	QPSK	8	MID	21.5	25.37	3.87	13	0.81	22.31	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	21.53	25.48	3.95	13	0.81	22.34	33	Pass
Band2	3	1851.5	QPSK	1	LOW	23.02	25.45	2.43	13	0.81	23.83	33	Pass
Band2	3	1851.5	QPSK	1	MID	22.89	25.31	2.42	13	0.81	23.7	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	22.54	25	2.46	13	0.81	23.35	33	Pass
Band2	3	1851.5	16QAM	15	LOW	21.29	27.04	5.75	13	0.81	22.1	33	Pass
Band2	3	1851.5	16QAM	8	LOW	20.75	25.41	4.66	13	0.81	21.56	33	Pass
Band2	3	1851.5	16QAM	8	MID	20.76	25.39	4.63	13	0.81	21.57	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	20.8	25.41	4.61	13	0.81	21.61	33	Pass
Band2	3	1851.5	16QAM	1	LOW	21.86	25.15	3.29	13	0.81	22.67	33	Pass
Band2	3	1851.5	16QAM	1	MID	21.82	24.92	3.1	13	0.81	22.63	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	22.06	25.37	3.31	13	0.81	22.87	33	Pass
Band2	3	1880	QPSK	15	LOW	21.04	26.49	5.45	13	0.81	21.85	33	Pass
Band2	3	1880	QPSK	8	LOW	20.58	25.25	4.67	13	0.81	21.39	33	Pass
Band2	3	1880	QPSK	8	MID	20.59	25.37	4.78	13	0.81	21.4	33	Pass
Band2	3	1880	QPSK	8	HIGH	20.56	25.35	4.79	13	0.81	21.37	33	Pass
Band2	3	1880	QPSK	1	LOW	21.55	24.76	3.21	13	0.81	22.36	33	Pass
Band2	3	1880	QPSK	1	MID	21.53	24.79	3.26	13	0.81	22.34	33	Pass
Band2	3	1880	QPSK	1	HIGH	21.61	24.82	3.21	13	0.81	22.42	33	Pass
Band2	3	1880	16QAM	15	LOW	20.29	26.35	6.06	13	0.81	21.1	33	Pass
Band2	3	1880	16QAM	8	LOW	19.92	25.15	5.23	13	0.81	20.73	33	Pass
Band2	3	1880	16QAM	8	MID	19.7	25.05	5.35	13	0.81	20.51	33	Pass
Band2	3	1880	16QAM	8	HIGH	19.76	25.19	5.43	13	0.81	20.57	33	Pass
Band2	3	1880	16QAM	1	LOW	21.15	25.31	4.16	13	0.81	21.96	33	Pass
Band2	3	1880	16QAM	1	MID	21.31	25.14	3.83	13	0.81	22.12	33	Pass
Band2	3	1880	16QAM	1	HIGH	21.08	24.88	3.8	13	0.81	21.89	33	Pass
Band2	3	1908.5	QPSK	15	LOW	21.05	26.87	5.82	13	0.81	21.86	33	Pass
Band2	3	1908.5	QPSK	8	LOW	20.62	25.24	4.62	13	0.81	21.43	33	Pass
Band2	3	1908.5	QPSK	8	MID	20.62	25.23	4.61	13	0.81	21.43	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	20.66	25.28	4.62	13	0.81	21.47	33	Pass
Band2	3	1908.5	QPSK	1	LOW	21.66	24.47	2.81	13	0.81	22.47	33	Pass
Band2	3	1908.5	QPSK	1	MID	21.61	24.49	2.88	13	0.81	22.42	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	21.63	25.16	3.53	13	0.81	22.44	33	Pass
Band2	3	1908.5	16QAM	15	LOW	20.4	26.62	6.22	13	0.81	21.21	33	Pass
Band2	3	1908.5	16QAM	8	LOW	19.98	25.09	5.11	13	0.81	20.79	33	Pass
Band2	3	1908.5	16QAM	8	MID	20	24.87	4.87	13	0.81	20.81	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	19.92	24.92	5	13	0.81	20.73	33	Pass
Band2	3	1908.5	16QAM	1	LOW	20.76	24.43	3.67	13	0.81	21.57	33	Pass
Band2	3	1908.5	16QAM	1	MID	20.72	24.37	3.65	13	0.81	21.53	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	20.8	24.96	4.16	13	0.81	21.61	33	Pass
Band2	5	1852.5	QPSK	25	LOW	22.16	27.02	4.86	13	0.81	22.97	33	Pass
Band2	5	1852.5	QPSK	12	LOW	21.6	25.29	3.69	13	0.81	22.41	33	Pass

Band2	5	1852.5	QPSK	12	MID	21.57	25.26	3.69	13	0.81	22.38	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	21.6	25.47	3.87	13	0.81	22.41	33	Pass
Band2	5	1852.5	QPSK	1	LOW	22.92	25.87	2.95	13	0.81	23.73	33	Pass
Band2	5	1852.5	QPSK	1	MID	22.65	25.26	2.61	13	0.81	23.46	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	22.6	25.39	2.79	13	0.81	23.41	33	Pass
Band2	5	1852.5	16QAM	25	LOW	21.32	27.15	5.83	13	0.81	22.13	33	Pass
Band2	5	1852.5	16QAM	12	LOW	20.59	25.32	4.73	13	0.81	21.4	33	Pass
Band2	5	1852.5	16QAM	12	MID	20.6	25.28	4.68	13	0.81	21.41	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	20.52	25.34	4.82	13	0.81	21.33	33	Pass
Band2	5	1852.5	16QAM	1	LOW	21.37	25.4	4.03	13	0.81	22.18	33	Pass
Band2	5	1852.5	16QAM	1	MID	21.4	24.82	3.42	13	0.81	22.21	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	21.27	25.75	4.48	13	0.81	22.08	33	Pass
Band2	5	1880	QPSK	25	LOW	21.03	26.71	5.68	13	0.81	21.84	33	Pass
Band2	5	1880	QPSK	12	LOW	20.59	25.08	4.49	13	0.81	21.4	33	Pass
Band2	5	1880	QPSK	12	MID	20.61	25.21	4.6	13	0.81	21.42	33	Pass
Band2	5	1880	QPSK	12	HIGH	20.57	25.15	4.58	13	0.81	21.38	33	Pass
Band2	5	1880	QPSK	1	LOW	21.54	25.19	3.65	13	0.81	22.35	33	Pass
Band2	5	1880	QPSK	1	MID	21.47	25.23	3.76	13	0.81	22.28	33	Pass
Band2	5	1880	QPSK	1	HIGH	21.6	25.28	3.68	13	0.81	22.41	33	Pass
Band2	5	1880	16QAM	25	LOW	20.22	27.35	7.13	13	0.81	21.03	33	Pass
Band2	5	1880	16QAM	12	LOW	19.71	25.21	5.5	13	0.81	20.52	33	Pass
Band2	5	1880	16QAM	12	MID	19.72	25.22	5.5	13	0.81	20.53	33	Pass
Band2	5	1880	16QAM	12	HIGH	19.68	25.33	5.65	13	0.81	20.49	33	Pass
Band2	5	1880	16QAM	1	LOW	19.97	24.49	4.52	13	0.81	20.78	33	Pass
Band2	5	1880	16QAM	1	MID	19.99	24.53	4.54	13	0.81	20.8	33	Pass
Band2	5	1880	16QAM	1	HIGH	19.99	24.57	4.58	13	0.81	20.8	33	Pass
Band2	5	1907.5	QPSK	25	LOW	21.09	26.33	5.24	13	0.81	21.9	33	Pass
Band2	5	1907.5	QPSK	12	LOW	20.69	25	4.31	13	0.81	21.5	33	Pass
Band2	5	1907.5	QPSK	12	MID	20.69	24.96	4.27	13	0.81	21.5	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	20.64	25.26	4.62	13	0.81	21.45	33	Pass
Band2	5	1907.5	QPSK	1	LOW	21.82	25.43	3.61	13	0.81	22.63	33	Pass
Band2	5	1907.5	QPSK	1	MID	21.84	24.72	2.88	13	0.81	22.65	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	21.88	25.14	3.26	13	0.81	22.69	33	Pass
Band2	5	1907.5	16QAM	25	LOW	20.26	26.73	6.47	13	0.81	21.07	33	Pass
Band2	5	1907.5	16QAM	12	LOW	19.72	24.85	5.13	13	0.81	20.53	33	Pass
Band2	5	1907.5	16QAM	12	MID	19.73	24.84	5.11	13	0.81	20.54	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	19.77	25.02	5.25	13	0.81	20.58	33	Pass
Band2	5	1907.5	16QAM	1	LOW	21.18	24.96	3.78	13	0.81	21.99	33	Pass
Band2	5	1907.5	16QAM	1	MID	20.95	24.63	3.68	13	0.81	21.76	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	20.87	24.77	3.9	13	0.81	21.68	33	Pass
Band2	10	1855	QPSK	50	LOW	21.28	27.29	6.01	13	0.81	22.09	33	Pass
Band2	10	1855	QPSK	25	LOW	21.5	25.45	3.95	13	0.81	22.31	33	Pass
Band2	10	1855	QPSK	25	MID	21.49	25.47	3.98	13	0.81	22.3	33	Pass
Band2	10	1855	QPSK	25	HIGH	21.5	25.76	4.26	13	0.81	22.31	33	Pass
Band2	10	1855	QPSK	1	LOW	22.87	26	3.13	13	0.81	23.68	33	Pass
Band2	10	1855	QPSK	1	MID	22.57	25.52	2.95	13	0.81	23.38	33	Pass

Band2	10	1855	QPSK	1	HIGH	22.66	25.7	3.04	13	0.81	23.47	33	Pass
Band2	10	1855	16QAM	50	LOW	21.23	27.28	6.05	13	0.81	22.04	33	Pass
Band2	10	1855	16QAM	25	LOW	20.58	25.36	4.78	13	0.81	21.39	33	Pass
Band2	10	1855	16QAM	25	MID	20.59	25.35	4.76	13	0.81	21.4	33	Pass
Band2	10	1855	16QAM	25	HIGH	20.61	25.63	5.02	13	0.81	21.42	33	Pass
Band2	10	1855	16QAM	1	LOW	21.89	25.56	3.67	13	0.81	22.7	33	Pass
Band2	10	1855	16QAM	1	MID	21.89	25.14	3.25	13	0.81	22.7	33	Pass
Band2	10	1855	16QAM	1	HIGH	21.84	25.79	3.95	13	0.81	22.65	33	Pass
Band2	10	1880	QPSK	50	LOW	21.01	26.77	5.76	13	0.81	21.82	33	Pass
Band2	10	1880	QPSK	25	LOW	20.58	25.26	4.68	13	0.81	21.39	33	Pass
Band2	10	1880	QPSK	25	MID	20.59	25.2	4.61	13	0.81	21.4	33	Pass
Band2	10	1880	QPSK	25	HIGH	20.64	25.42	4.78	13	0.81	21.45	33	Pass
Band2	10	1880	QPSK	1	LOW	21.78	25.46	3.68	13	0.81	22.59	33	Pass
Band2	10	1880	QPSK	1	MID	21.75	24.92	3.17	13	0.81	22.56	33	Pass
Band2	10	1880	QPSK	1	HIGH	21.78	25.26	3.48	13	0.81	22.59	33	Pass
Band2	10	1880	16QAM	50	LOW	20.36	26.62	6.26	13	0.81	21.17	33	Pass
Band2	10	1880	16QAM	25	LOW	19.85	25.33	5.48	13	0.81	20.66	33	Pass
Band2	10	1880	16QAM	25	MID	19.87	25.32	5.45	13	0.81	20.68	33	Pass
Band2	10	1880	16QAM	25	HIGH	19.89	25.38	5.49	13	0.81	20.7	33	Pass
Band2	10	1880	16QAM	1	LOW	20.85	25.31	4.46	13	0.81	21.66	33	Pass
Band2	10	1880	16QAM	1	MID	20.85	24.61	3.76	13	0.81	21.66	33	Pass
Band2	10	1880	16QAM	1	HIGH	20.87	25.55	4.68	13	0.81	21.68	33	Pass
Band2	10	1905	QPSK	50	LOW	21.14	26.31	5.17	13	0.81	21.95	33	Pass
Band2	10	1905	QPSK	25	LOW	20.71	25.06	4.35	13	0.81	21.52	33	Pass
Band2	10	1905	QPSK	25	MID	20.7	25.05	4.35	13	0.81	21.51	33	Pass
Band2	10	1905	QPSK	25	HIGH	20.72	25.11	4.39	13	0.81	21.53	33	Pass
Band2	10	1905	QPSK	1	LOW	21.81	25.14	3.33	13	0.81	22.62	33	Pass
Band2	10	1905	QPSK	1	MID	21.72	24.39	2.67	13	0.81	22.53	33	Pass
Band2	10	1905	QPSK	1	HIGH	21.82	25.31	3.49	13	0.81	22.63	33	Pass
Band2	10	1905	16QAM	50	LOW	20.25	26.52	6.27	13	0.81	21.06	33	Pass
Band2	10	1905	16QAM	25	LOW	19.97	24.92	4.95	13	0.81	20.78	33	Pass
Band2	10	1905	16QAM	25	MID	19.88	24.89	5.01	13	0.81	20.69	33	Pass
Band2	10	1905	16QAM	25	HIGH	19.88	25.07	5.19	13	0.81	20.69	33	Pass
Band2	10	1905	16QAM	1	LOW	20.54	24.24	3.7	13	0.81	21.35	33	Pass
Band2	10	1905	16QAM	1	MID	20.45	24.11	3.66	13	0.81	21.26	33	Pass
Band2	10	1905	16QAM	1	HIGH	20.42	24.56	4.14	13	0.81	21.23	33	Pass
Band2	15	1857.5	QPSK	75	LOW	22.05	27.33	5.28	13	0.81	22.86	33	Pass
Band2	15	1857.5	QPSK	38	LOW	21.39	26.77	5.38	13	0.81	22.2	33	Pass
Band2	15	1857.5	QPSK	38	MID	21.38	26.73	5.35	13	0.81	22.19	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	21.38	26.73	5.35	13	0.81	22.19	33	Pass
Band2	15	1857.5	QPSK	1	LOW	22.83	26.18	3.35	13	0.81	23.64	33	Pass
Band2	15	1857.5	QPSK	1	MID	22.61	25.64	3.03	13	0.81	23.42	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	21.6	25.53	3.93	13	0.81	22.41	33	Pass
Band2	15	1857.5	16QAM	75	LOW	21.25	27.01	5.76	13	0.81	22.06	33	Pass
Band2	15	1857.5	16QAM	38	LOW	20.69	26.48	5.79	13	0.81	21.5	33	Pass
Band2	15	1857.5	16QAM	38	MID	20.6	26.44	5.84	13	0.81	21.41	33	Pass

Band2	15	1857.5	16QAM	38	HIGH	20.61	26.41	5.8	13	0.81	21.42	33	Pass
Band2	15	1857.5	16QAM	1	LOW	22.17	25.95	3.78	13	0.81	22.98	33	Pass
Band2	15	1857.5	16QAM	1	MID	22.02	25.75	3.73	13	0.81	22.83	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	21.16	25.12	3.96	13	0.81	21.97	33	Pass
Band2	15	1880	QPSK	75	LOW	21.16	27.11	5.95	13	0.81	21.97	33	Pass
Band2	15	1880	QPSK	38	LOW	20.61	26.39	5.78	13	0.81	21.42	33	Pass
Band2	15	1880	QPSK	38	MID	20.62	26.39	5.77	13	0.81	21.43	33	Pass
Band2	15	1880	QPSK	38	HIGH	20.63	26.44	5.81	13	0.81	21.44	33	Pass
Band2	15	1880	QPSK	1	LOW	21.78	25.49	3.71	13	0.81	22.59	33	Pass
Band2	15	1880	QPSK	1	MID	21.76	24.97	3.21	13	0.81	22.57	33	Pass
Band2	15	1880	QPSK	1	HIGH	21.94	25.62	3.68	13	0.81	22.75	33	Pass
Band2	15	1880	16QAM	75	LOW	20.3	26.99	6.69	13	0.81	21.11	33	Pass
Band2	15	1880	16QAM	38	LOW	19.73	26.09	6.36	13	0.81	20.54	33	Pass
Band2	15	1880	16QAM	38	MID	19.74	26.15	6.41	13	0.81	20.55	33	Pass
Band2	15	1880	16QAM	38	HIGH	19.75	26.17	6.42	13	0.81	20.56	33	Pass
Band2	15	1880	16QAM	1	LOW	20.8	25.71	4.91	13	0.81	21.61	33	Pass
Band2	15	1880	16QAM	1	MID	20.76	24.87	4.11	13	0.81	21.57	33	Pass
Band2	15	1880	16QAM	1	HIGH	20.92	25.54	4.62	13	0.81	21.73	33	Pass
Band2	15	1902.5	QPSK	75	LOW	21.14	26.62	5.48	13	0.81	21.95	33	Pass
Band2	15	1902.5	QPSK	38	LOW	20.66	26.14	5.48	13	0.81	21.47	33	Pass
Band2	15	1902.5	QPSK	38	MID	20.66	26.13	5.47	13	0.81	21.47	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	20.66	26.13	5.47	13	0.81	21.47	33	Pass
Band2	15	1902.5	QPSK	1	LOW	21.74	25.41	3.67	13	0.81	22.55	33	Pass
Band2	15	1902.5	QPSK	1	MID	21.7	24.43	2.73	13	0.81	22.51	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	21.64	25.52	3.88	13	0.81	22.45	33	Pass
Band2	15	1902.5	16QAM	75	LOW	20.39	26.59	6.2	13	0.81	21.2	33	Pass
Band2	15	1902.5	16QAM	38	LOW	19.72	25.9	6.18	13	0.81	20.53	33	Pass
Band2	15	1902.5	16QAM	38	MID	19.73	25.93	6.2	13	0.81	20.54	33	Pass
Band2	15	1902.5	16QAM	38	HIGH	19.74	25.92	6.18	13	0.81	20.55	33	Pass
Band2	15	1902.5	16QAM	1	LOW	21.12	25.44	4.32	13	0.81	21.93	33	Pass
Band2	15	1902.5	16QAM	1	MID	20.99	24.42	3.43	13	0.81	21.8	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	21.03	25.41	4.38	13	0.81	21.84	33	Pass
Band2	20	1860	QPSK	100	LOW	22.04	27.05	5.01	13	0.81	22.85	33	Pass
Band2	20	1860	QPSK	50	LOW	21.51	25.62	4.11	13	0.81	22.32	33	Pass
Band2	20	1860	QPSK	50	MID	21.5	25.63	4.13	13	0.81	22.31	33	Pass
Band2	20	1860	QPSK	50	HIGH	20.69	25.56	4.87	13	0.81	21.5	33	Pass
Band2	20	1860	QPSK	1	LOW	23.06	26.41	3.35	13	0.81	23.87	33	Pass
Band2	20	1860	QPSK	1	MID	22.83	25.78	2.95	13	0.81	23.64	33	Pass
Band2	20	1860	QPSK	1	HIGH	22.03	25.43	3.4	13	0.81	22.84	33	Pass
Band2	20	1860	16QAM	100	LOW	21.27	27.37	6.1	13	0.81	22.08	33	Pass
Band2	20	1860	16QAM	50	LOW	20.82	26.32	5.5	13	0.81	21.63	33	Pass
Band2	20	1860	16QAM	50	MID	20.82	26.33	5.51	13	0.81	21.63	33	Pass
Band2	20	1860	16QAM	50	HIGH	19.93	25.73	5.8	13	0.81	20.74	33	Pass
Band2	20	1860	16QAM	1	LOW	21.89	26.52	4.63	13	0.81	22.7	33	Pass
Band2	20	1860	16QAM	1	MID	21.78	25.55	3.77	13	0.81	22.59	33	Pass
Band2	20	1860	16QAM	1	HIGH	20.92	26.15	5.23	13	0.81	21.73	33	Pass



Band2	20	1880	QPSK	100	LOW	21.13	26.99	5.86	13	0.81	21.94	33	Pass
Band2	20	1880	QPSK	50	LOW	20.65	25.37	4.72	13	0.81	21.46	33	Pass
Band2	20	1880	QPSK	50	MID	20.65	25.41	4.76	13	0.81	21.46	33	Pass
Band2	20	1880	QPSK	50	HIGH	20.58	25.77	5.19	13	0.81	21.39	33	Pass
Band2	20	1880	QPSK	1	LOW	22.02	25.87	3.85	13	0.81	22.83	33	Pass
Band2	20	1880	QPSK	1	MID	21.87	24.93	3.06	13	0.81	22.68	33	Pass
Band2	20	1880	QPSK	1	HIGH	22.13	26.54	4.41	13	0.81	22.94	33	Pass
Band2	20	1880	16QAM	100	LOW	20.22	27	6.78	13	0.81	21.03	33	Pass
Band2	20	1880	16QAM	50	LOW	19.79	25.38	5.59	13	0.81	20.6	33	Pass
Band2	20	1880	16QAM	50	MID	19.8	25.37	5.57	13	0.81	20.61	33	Pass
Band2	20	1880	16QAM	50	HIGH	19.72	25.8	6.08	13	0.81	20.53	33	Pass
Band2	20	1880	16QAM	1	LOW	20.69	25.17	4.48	13	0.81	21.5	33	Pass
Band2	20	1880	16QAM	1	MID	20.62	24.82	4.2	13	0.81	21.43	33	Pass
Band2	20	1880	16QAM	1	HIGH	20.72	25.45	4.73	13	0.81	21.53	33	Pass
Band2	20	1900	QPSK	100	LOW	21.31	26.74	5.43	13	0.81	22.12	33	Pass
Band2	20	1900	QPSK	50	LOW	20.76	25.51	4.75	13	0.81	21.57	33	Pass
Band2	20	1900	QPSK	50	MID	20.77	25.51	4.74	13	0.81	21.58	33	Pass
Band2	20	1900	QPSK	50	HIGH	20.68	25.2	4.52	13	0.81	21.49	33	Pass
Band2	20	1900	QPSK	1	LOW	21.74	26.01	4.27	13	0.81	22.55	33	Pass
Band2	20	1900	QPSK	1	MID	22.01	25.12	3.11	13	0.81	22.82	33	Pass
Band2	20	1900	QPSK	1	HIGH	21.75	25.88	4.13	13	0.81	22.56	33	Pass
Band2	20	1900	16QAM	100	LOW	20.38	26.62	6.24	13	0.81	21.19	33	Pass
Band2	20	1900	16QAM	50	LOW	19.84	25.52	5.68	13	0.81	20.65	33	Pass
Band2	20	1900	16QAM	50	MID	19.85	25.44	5.59	13	0.81	20.66	33	Pass
Band2	20	1900	16QAM	50	HIGH	19.76	25.14	5.38	13	0.81	20.57	33	Pass
Band2	20	1900	16QAM	1	LOW	21.58	25.6	4.02	13	0.81	22.39	33	Pass
Band2	20	1900	16QAM	1	MID	21.43	24.88	3.45	13	0.81	22.24	33	Pass
Band2	20	1900	16QAM	1	HIGH	21.54	26.03	4.49	13	0.81	22.35	33	Pass