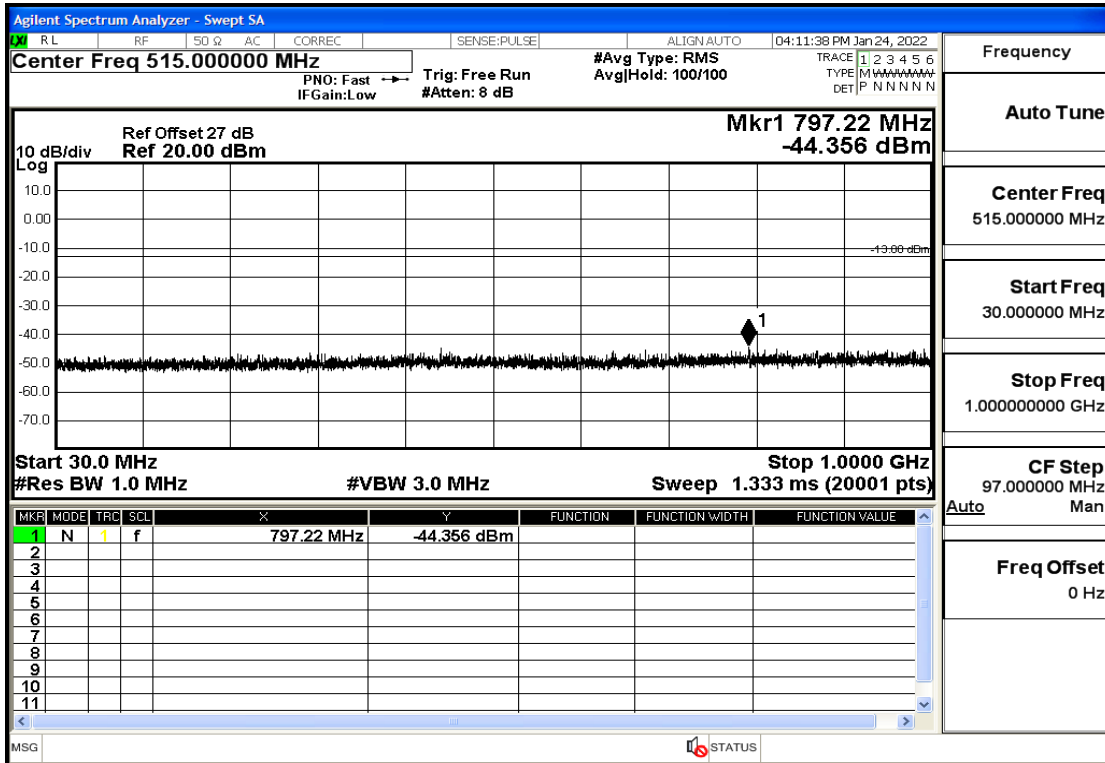
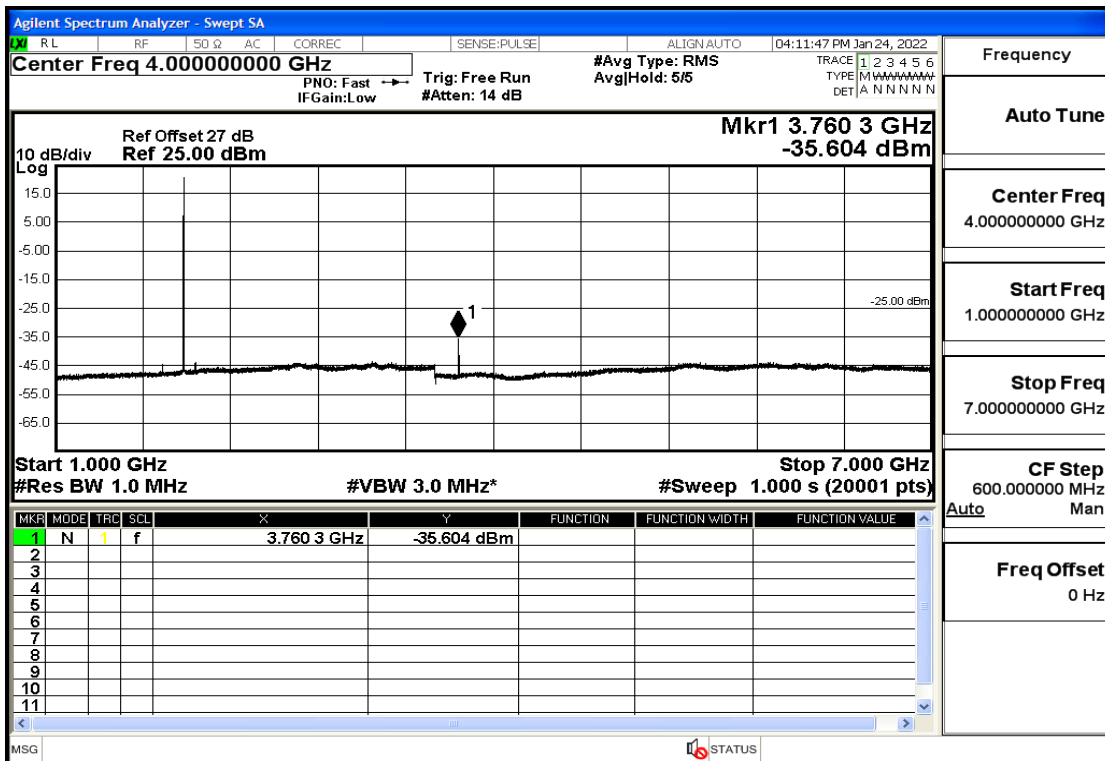


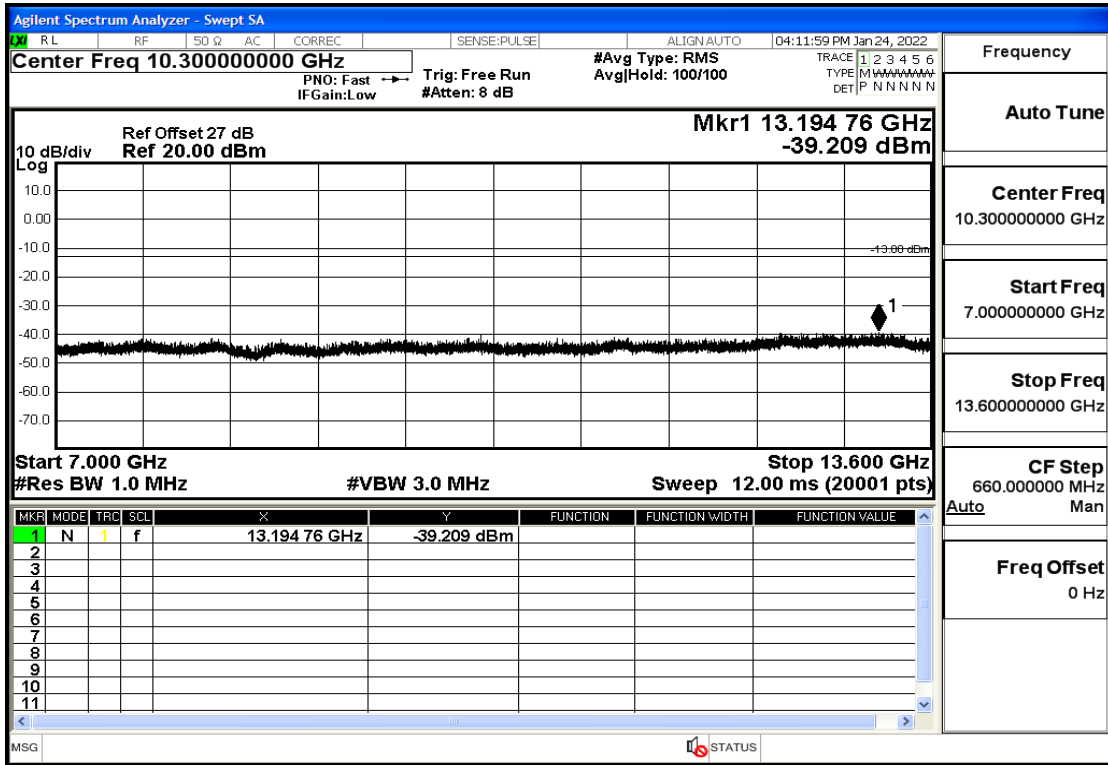
OB2-1.4-1880-Q16-6#LOW@30mHz-1GHz@Pass



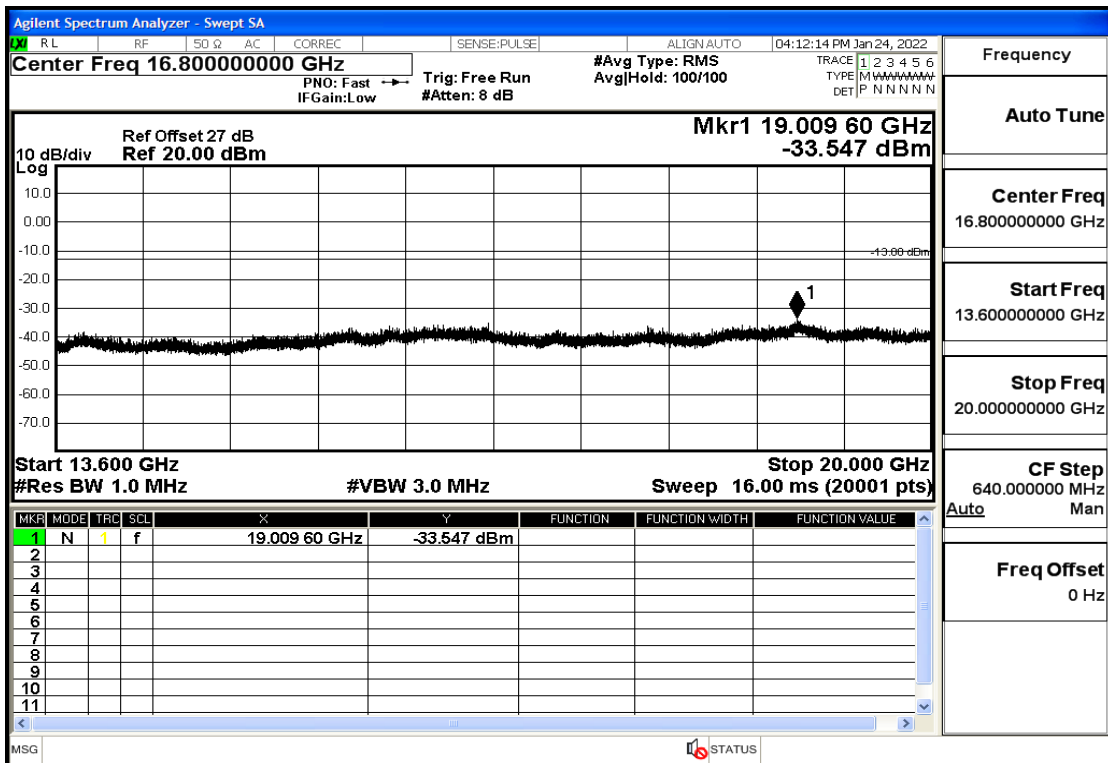
OB2-1.4-1880-Q16-6#LOW@1GHz-7GHz@Pass



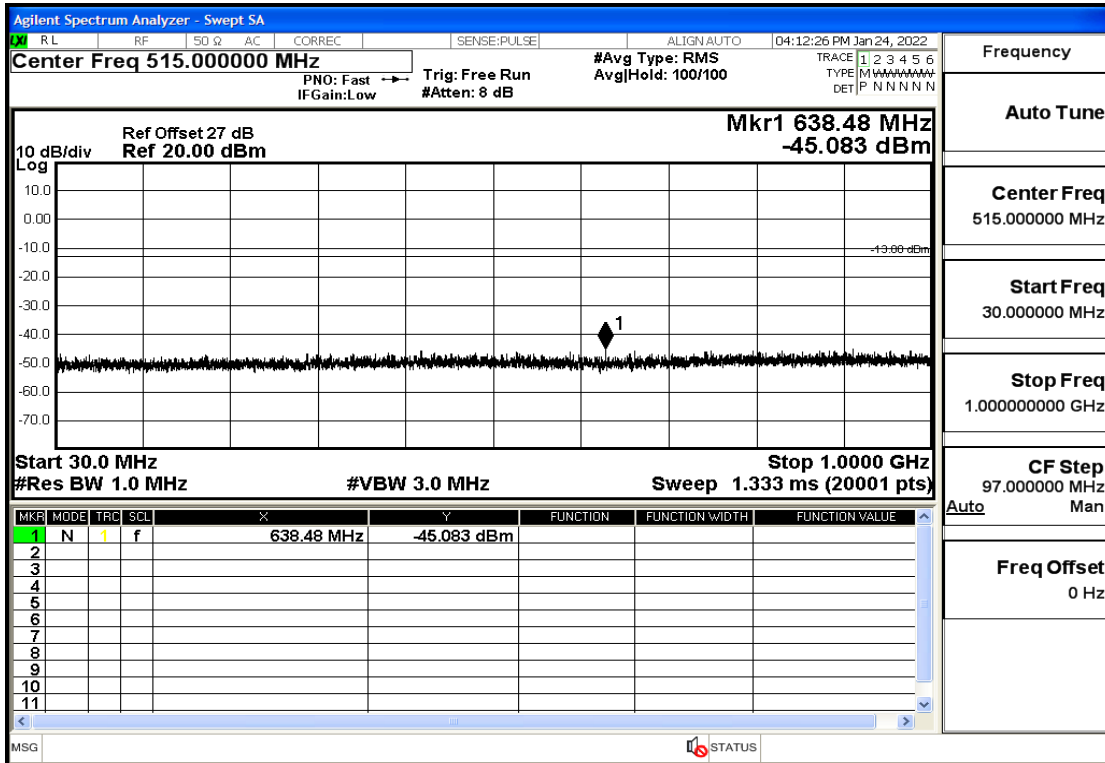
OB2-1.4-1880-Q16-6#LOW@7GHz-13.6GHz@Pass



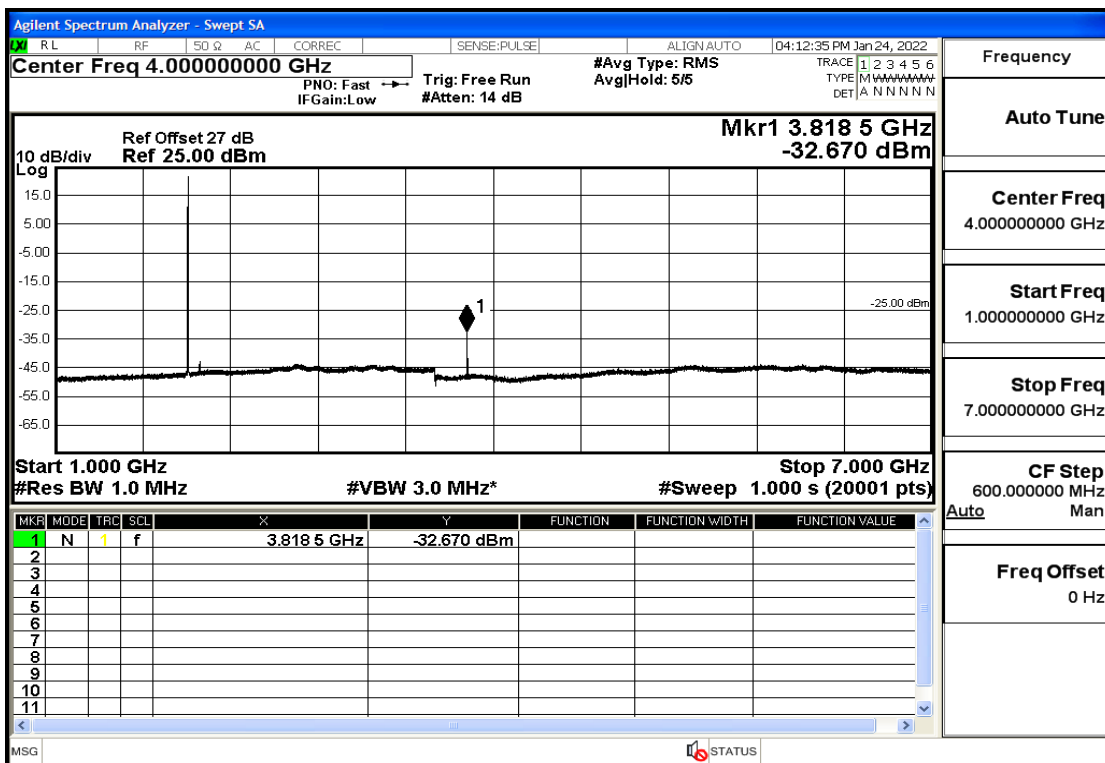
OB2-1.4-1880-Q16-6#LOW@13.6GHz-20GHz@Pass



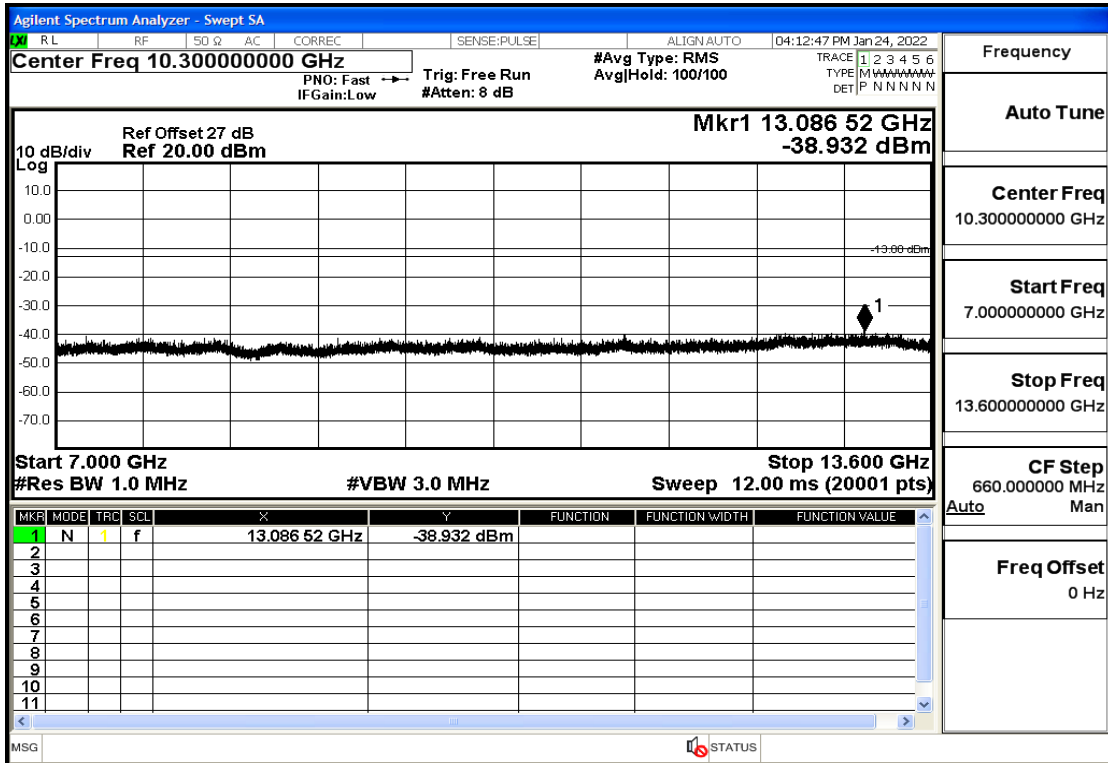
OB2-1.4-1909.3-Q16-6#LOW@30mHz-1GHz@Pass



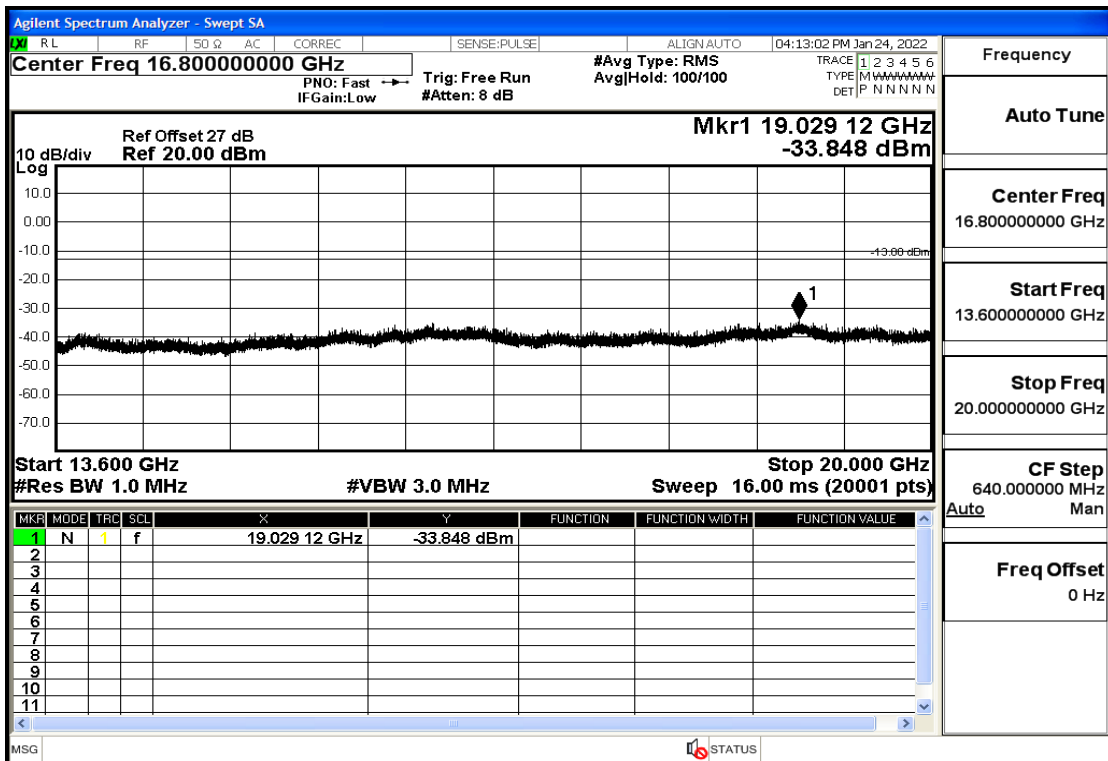
OB2-1.4-1909.3-Q16-6#LOW@1GHz-7GHz@Pass



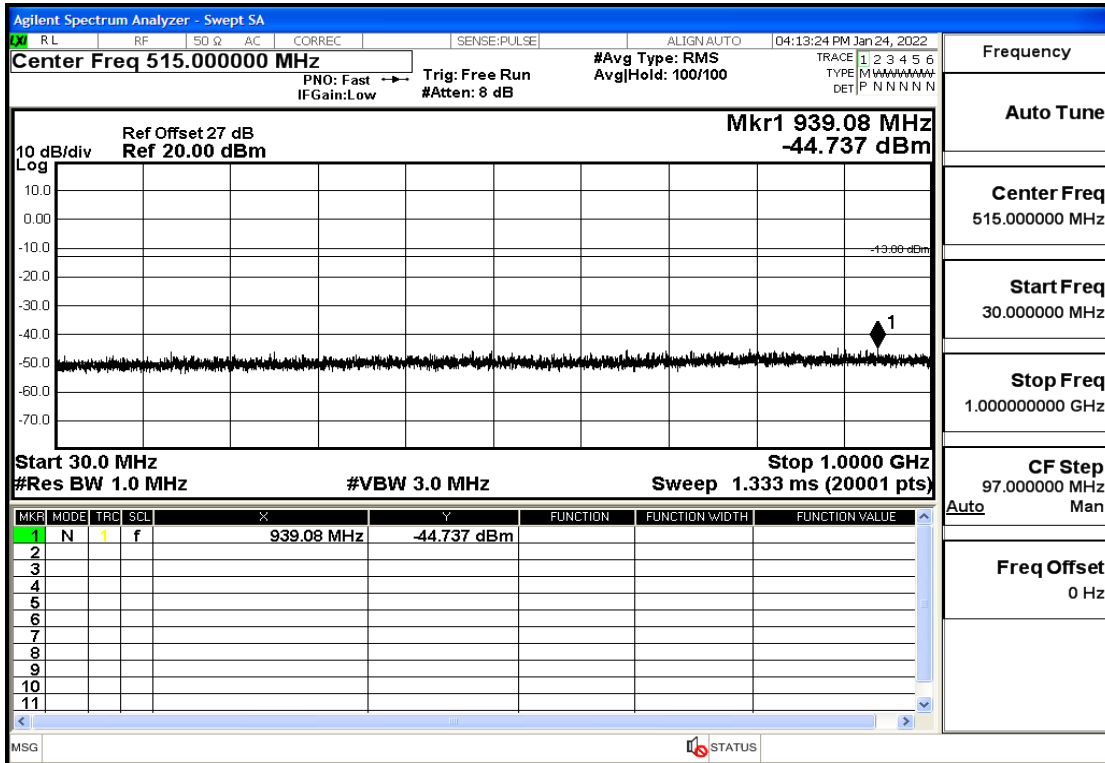
OB2-1.4-1909.3-Q16-6#LOW@7GHz-13.6GHz@Pass



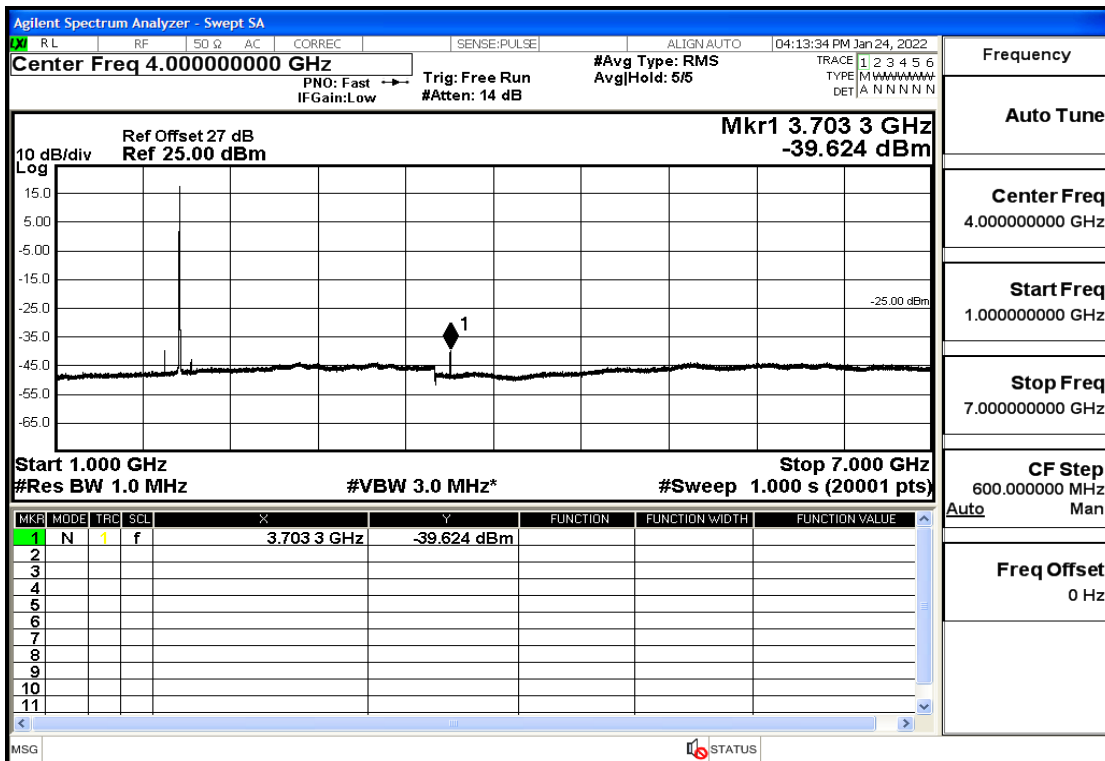
OB2-1.4-1909.3-Q16-6#LOW@13.6GHz-20GHz@Pass



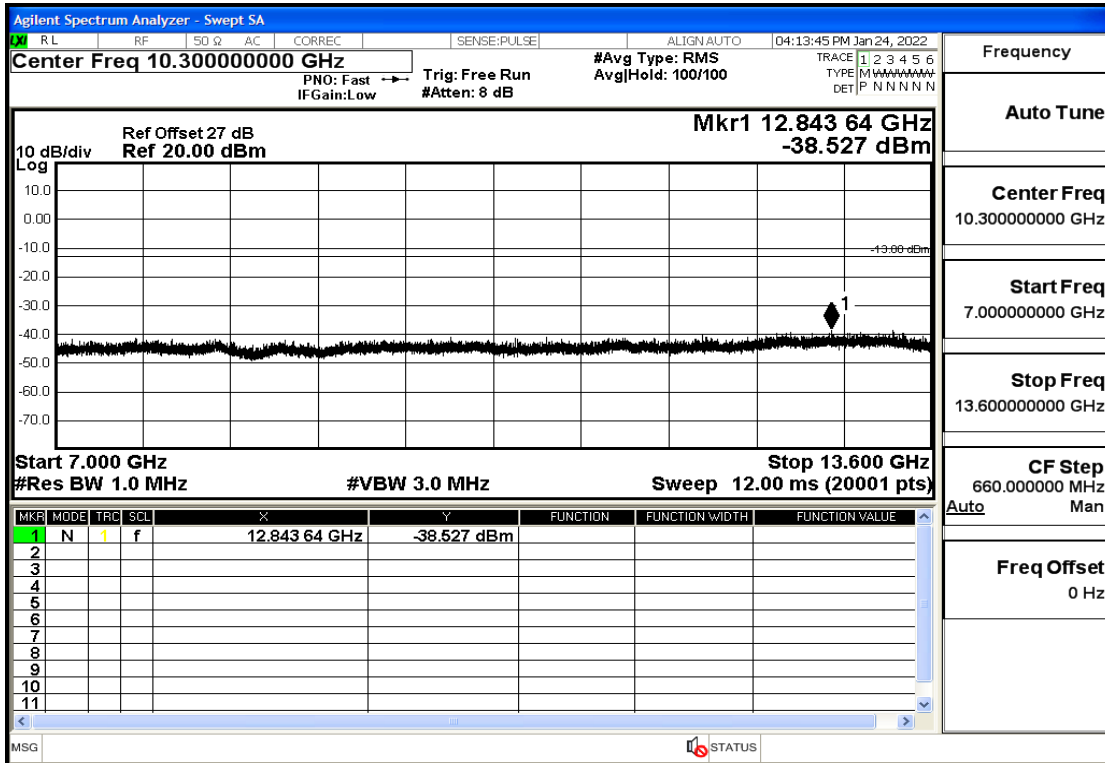
OB2-3-1851.5-Q16-15#LOW@30mHz-1GHz@Pass



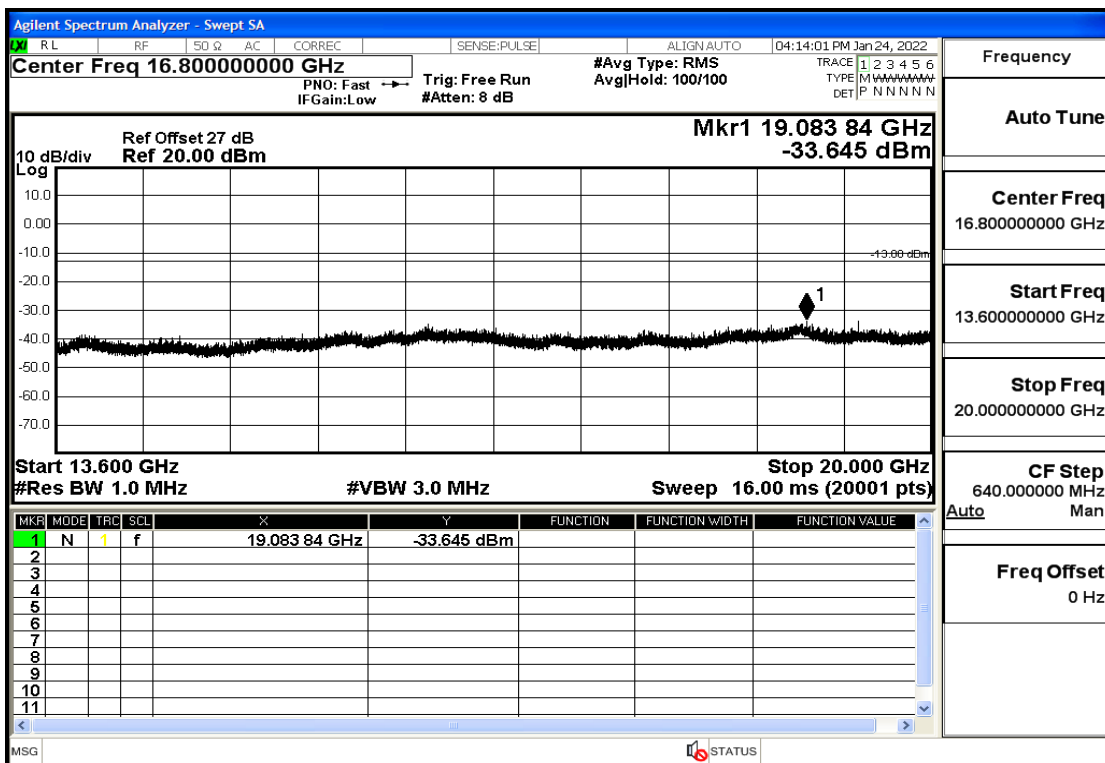
OB2-3-1851.5-Q16-15#LOW@1GHz-7GHz@Pass



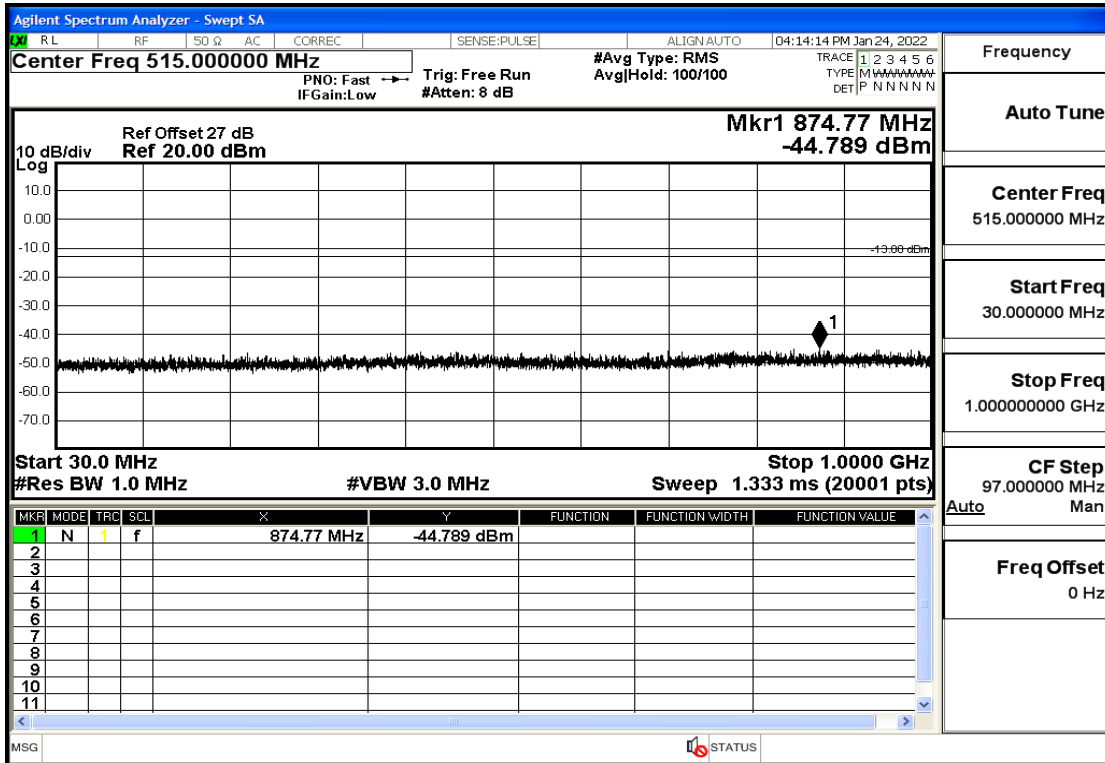
OB2-3-1851.5-Q16-15#LOW@7GHz-13.6GHz@Pass



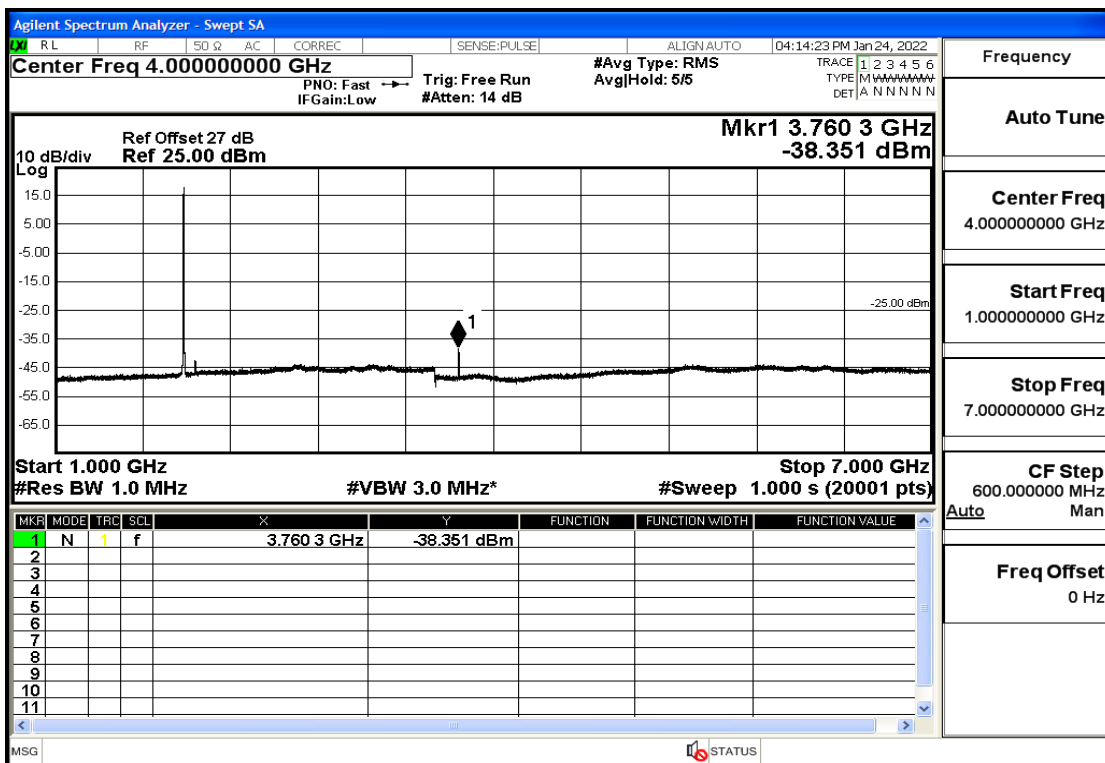
OB2-3-1851.5-Q16-15#LOW@13.6GHz-20GHz@Pass



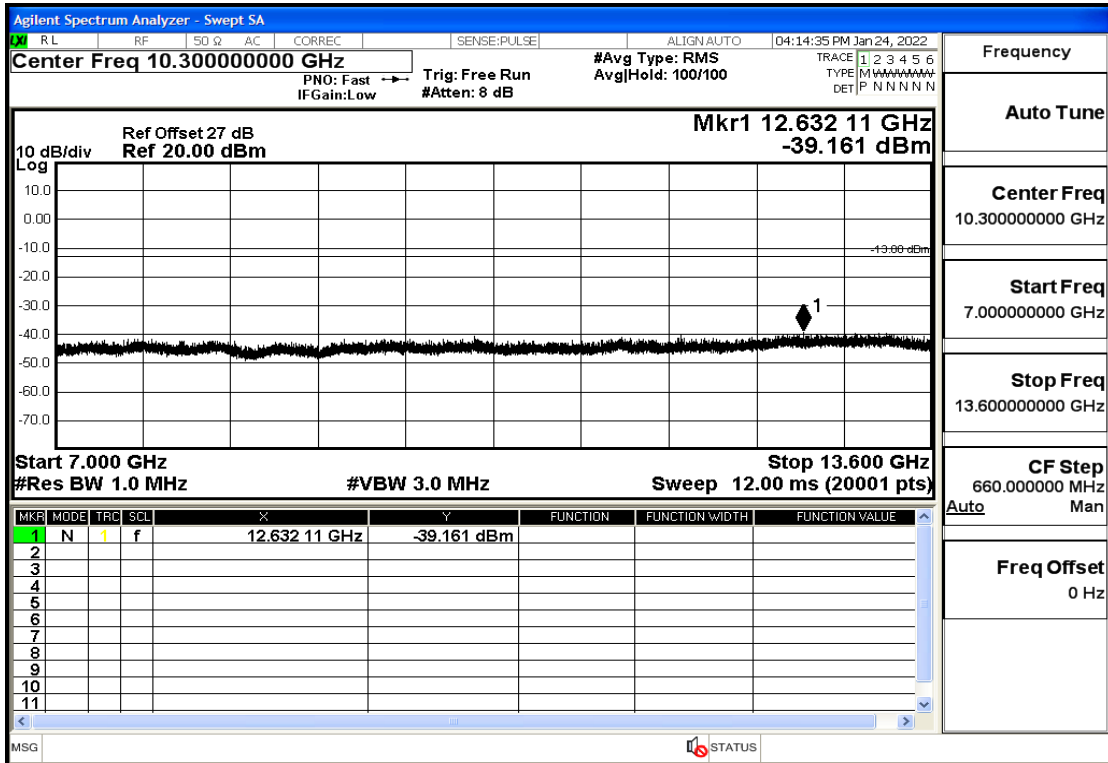
OB2-3-1880-Q16-15#LOW@30mHz-1GHz@Pass



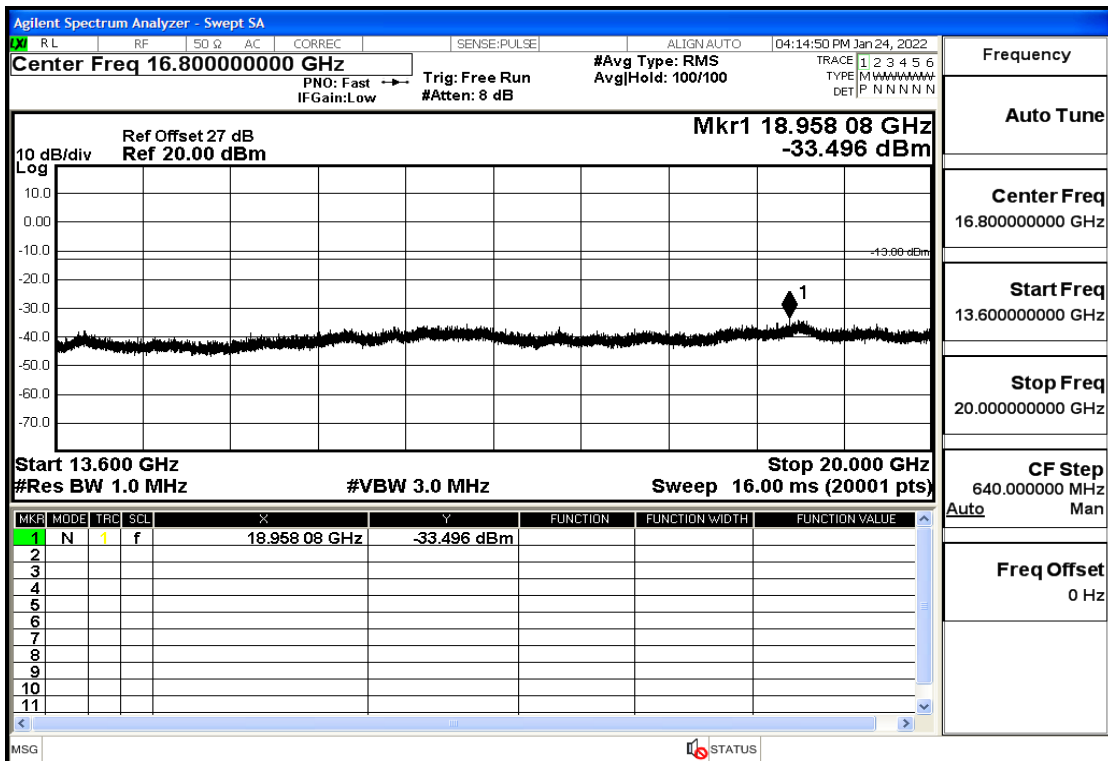
OB2-3-1880-Q16-15#LOW@1GHz-7GHz@Pass



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

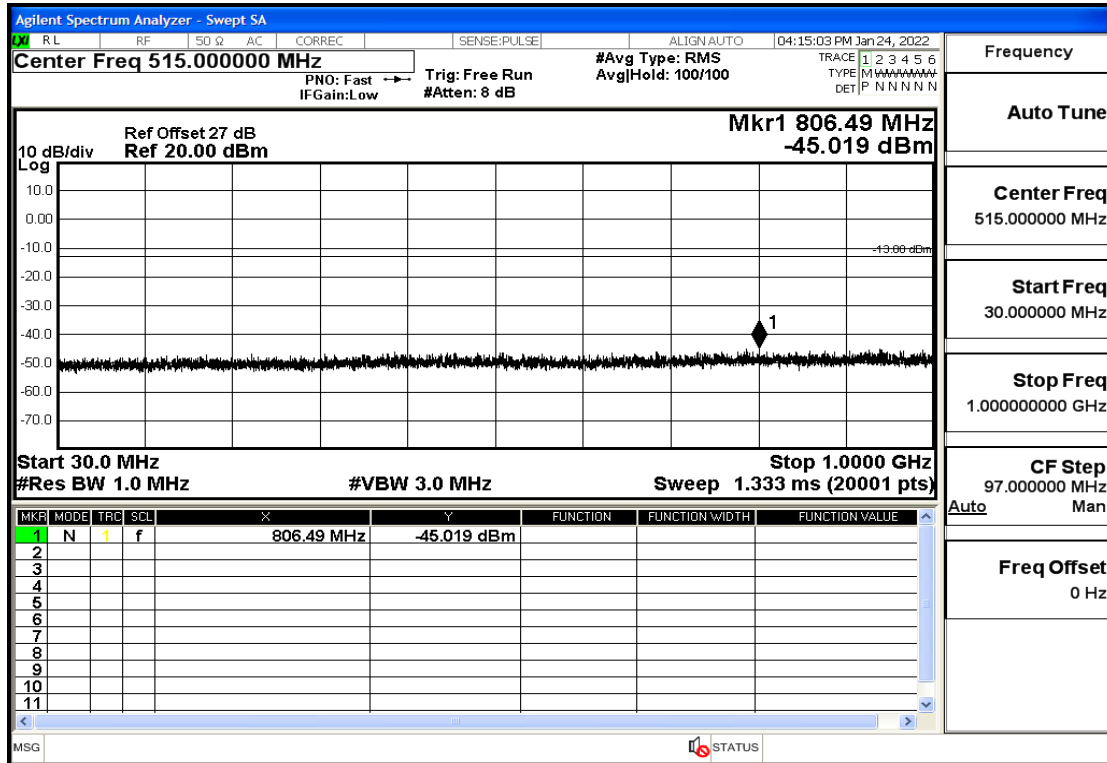


OB2-3-1880-Q16-15#LOW@13.6GHz-20GHz@Pass

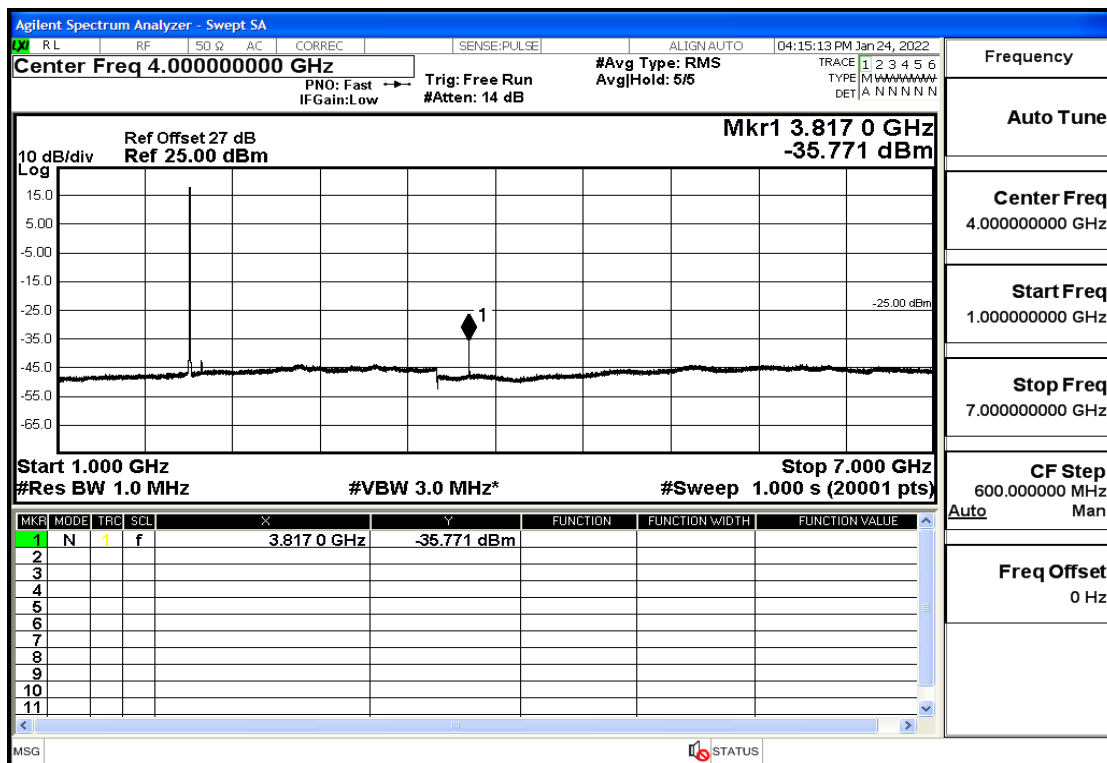




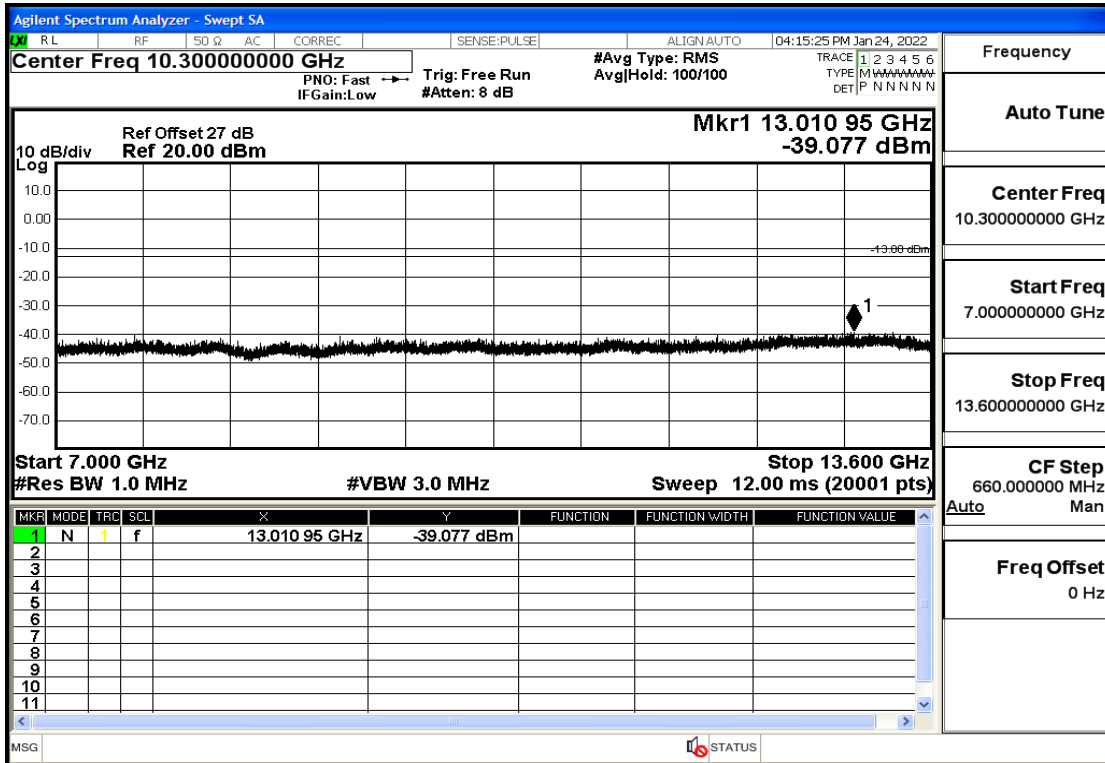
OB2-3-1908.5-Q16-15#LOW@30mHz-1GHz@Pass



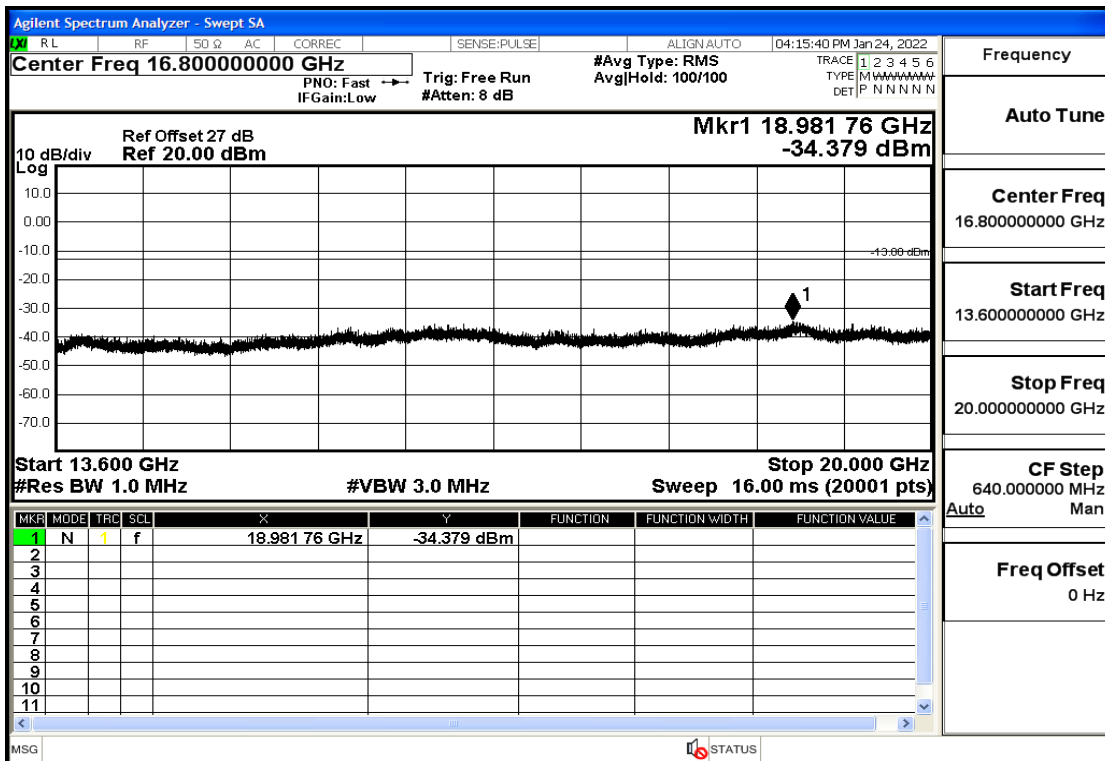
OB2-3-1908.5-Q16-15#LOW@1GHz-7GHz@Pass



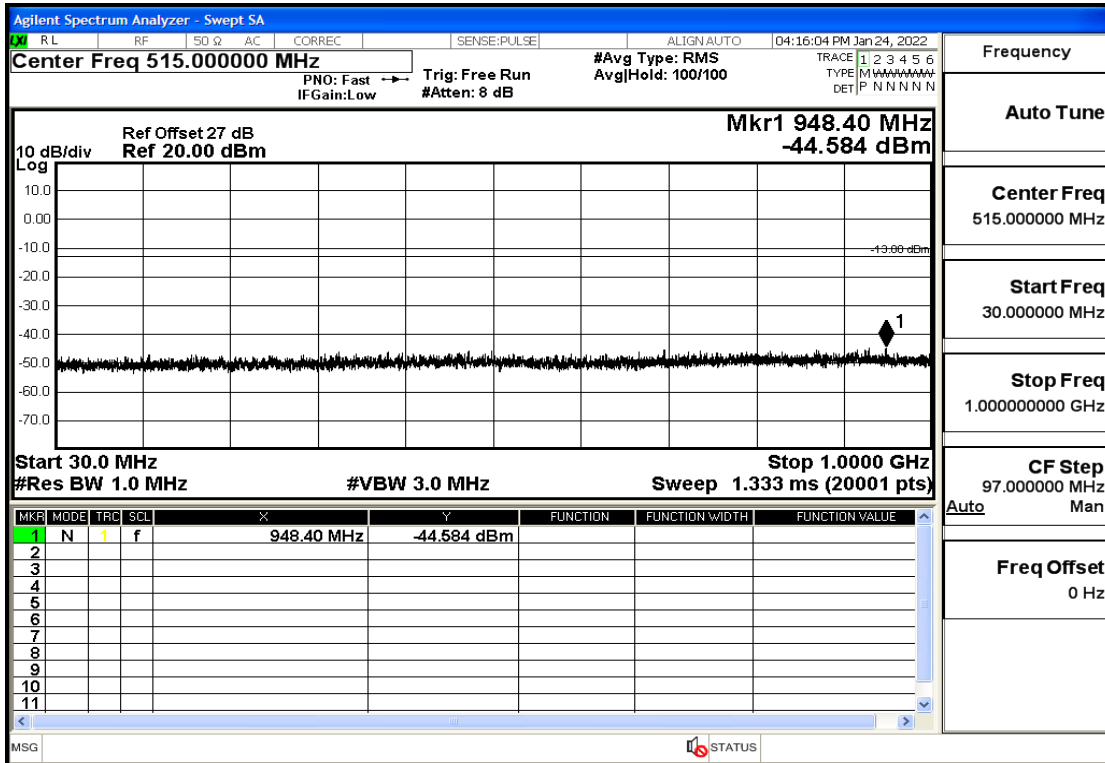
OB2-3-1908.5-Q16-15#LOW@7GHz-13.6GHz@Pass



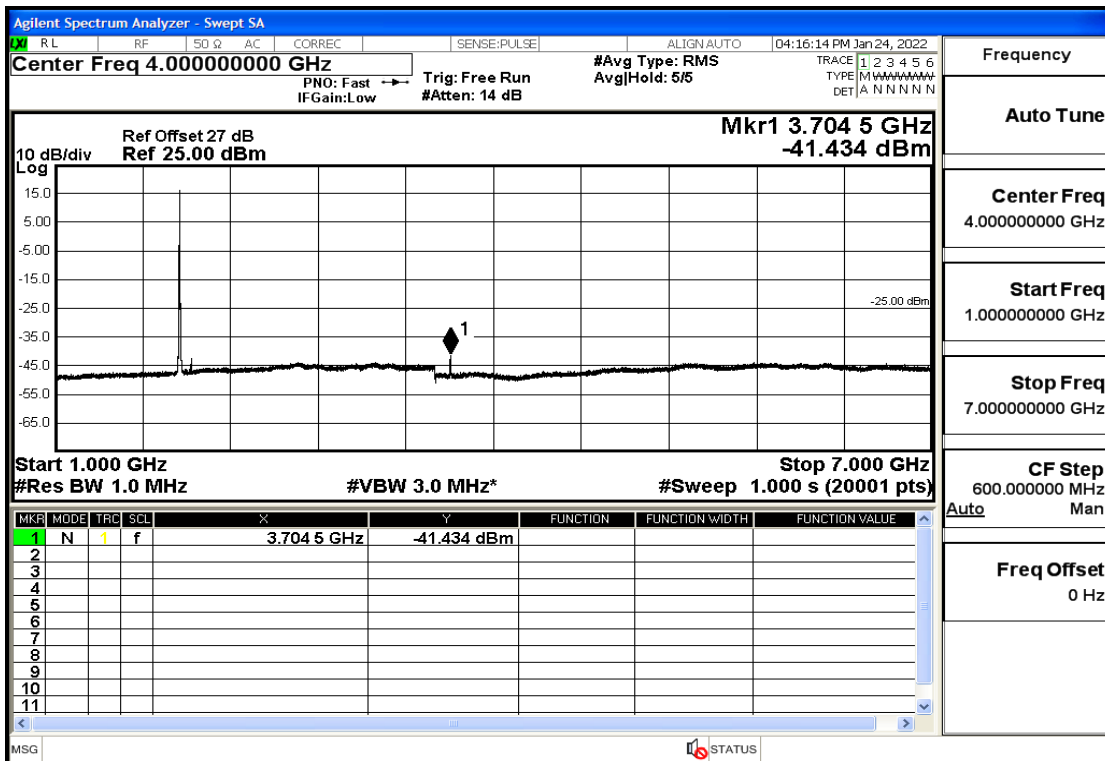
OB2-3-1908.5-Q16-15#LOW@13.6GHz-20GHz@Pass



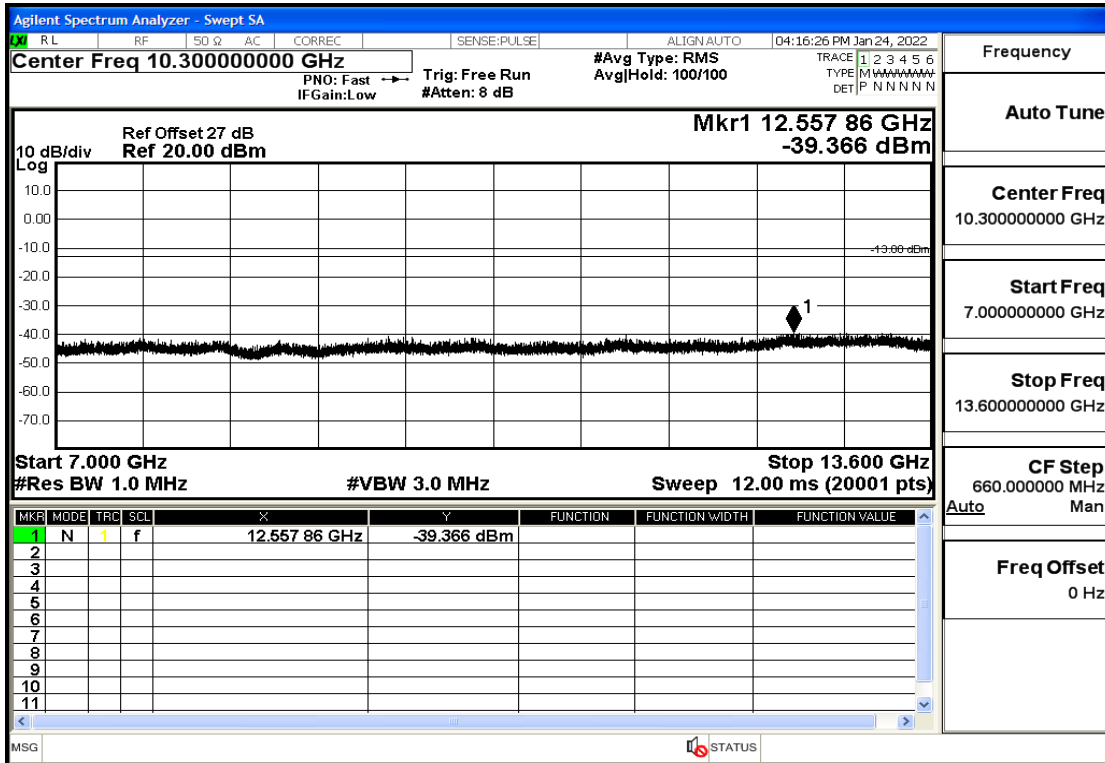
OB2-5-1852.5-Q16-25#LOW@30mHz-1GHz@Pass



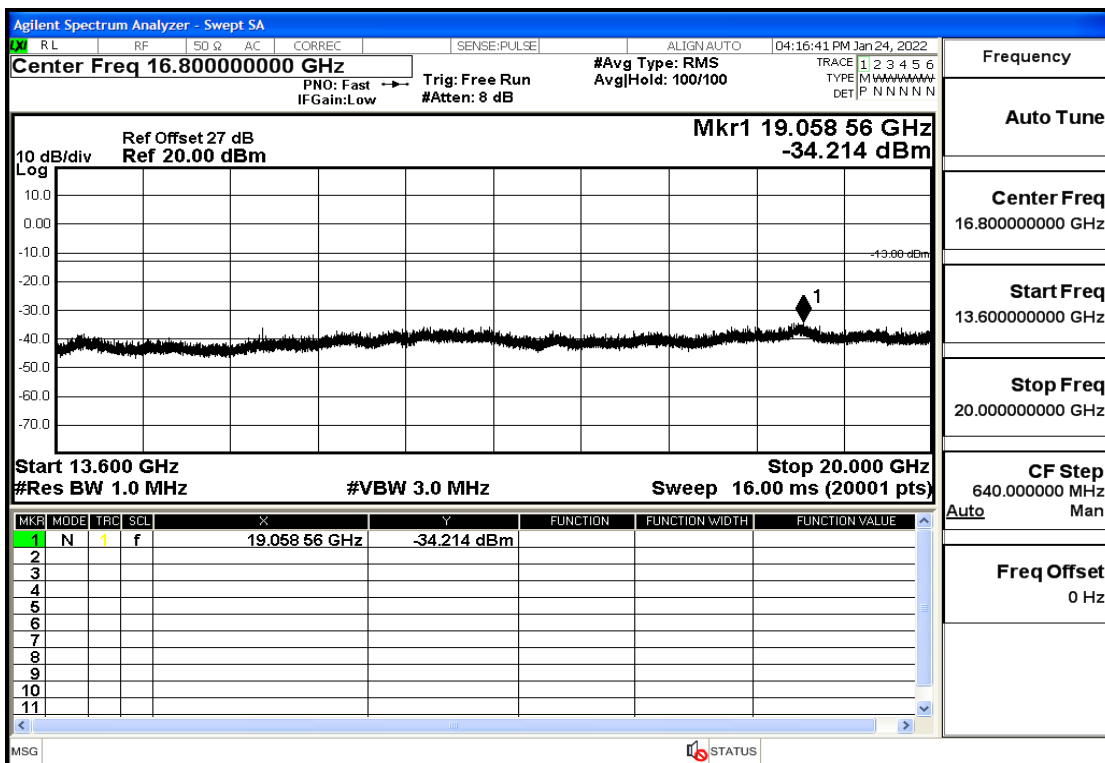
OB2-5-1852.5-Q16-25#LOW@1GHz-7GHz@Pass



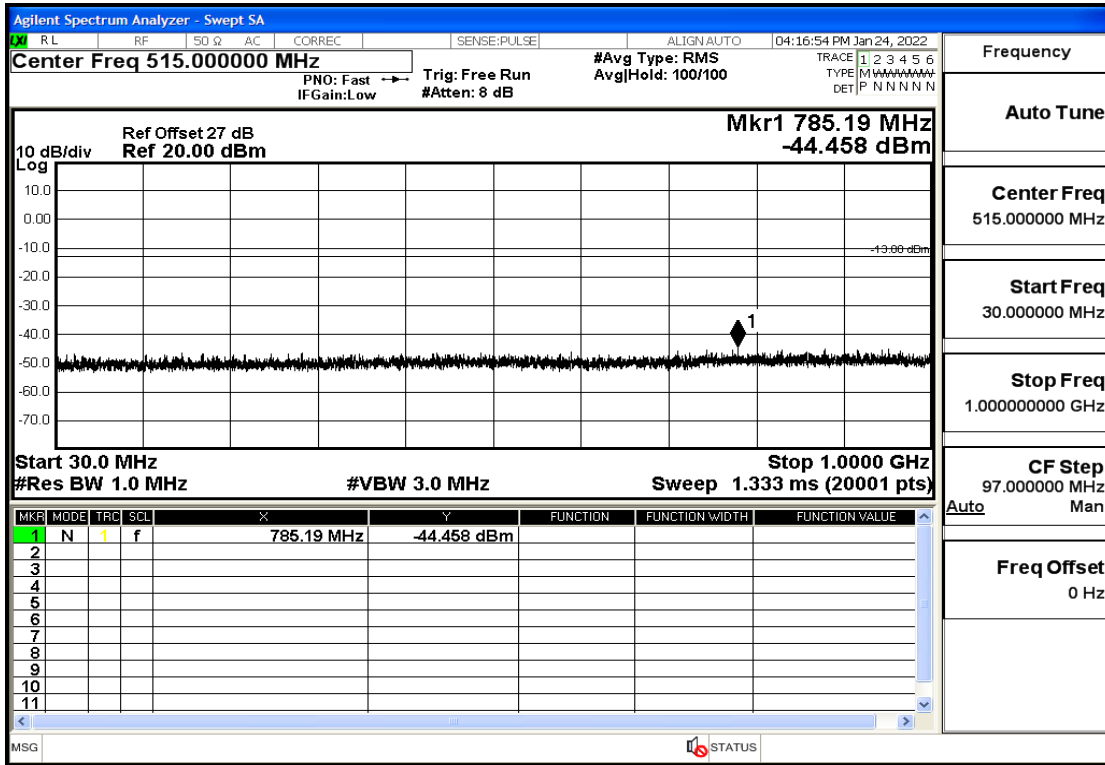
OB2-5-1852.5-Q16-25#LOW@7GHz-13.6GHz@Pass



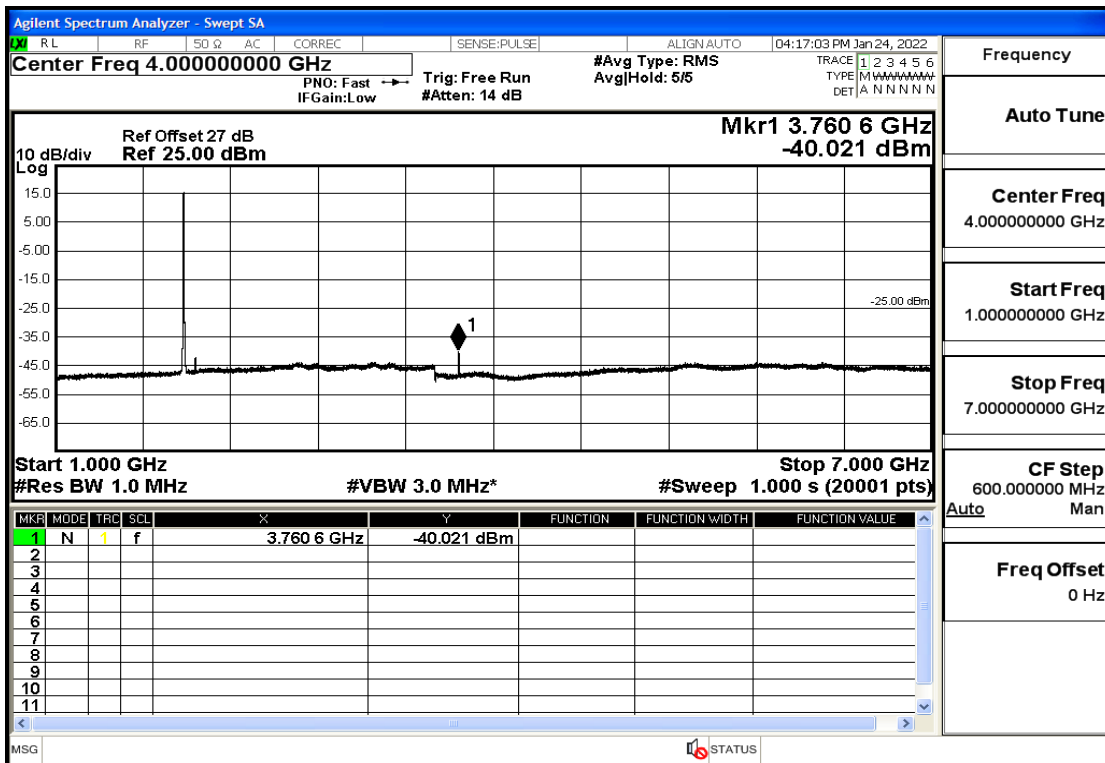
OB2-5-1852.5-Q16-25#LOW@13.6GHz-20GHz@Pass



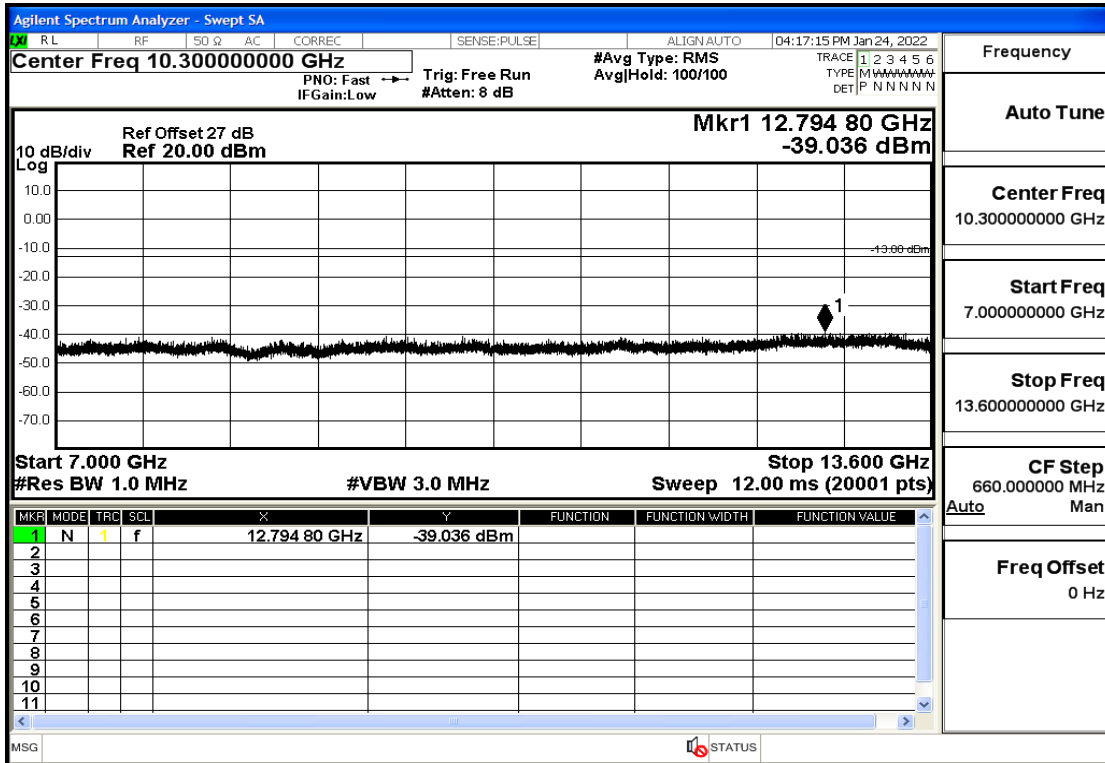
OB2-5-1880-Q16-25#LOW@30mHz-1GHz@Pass



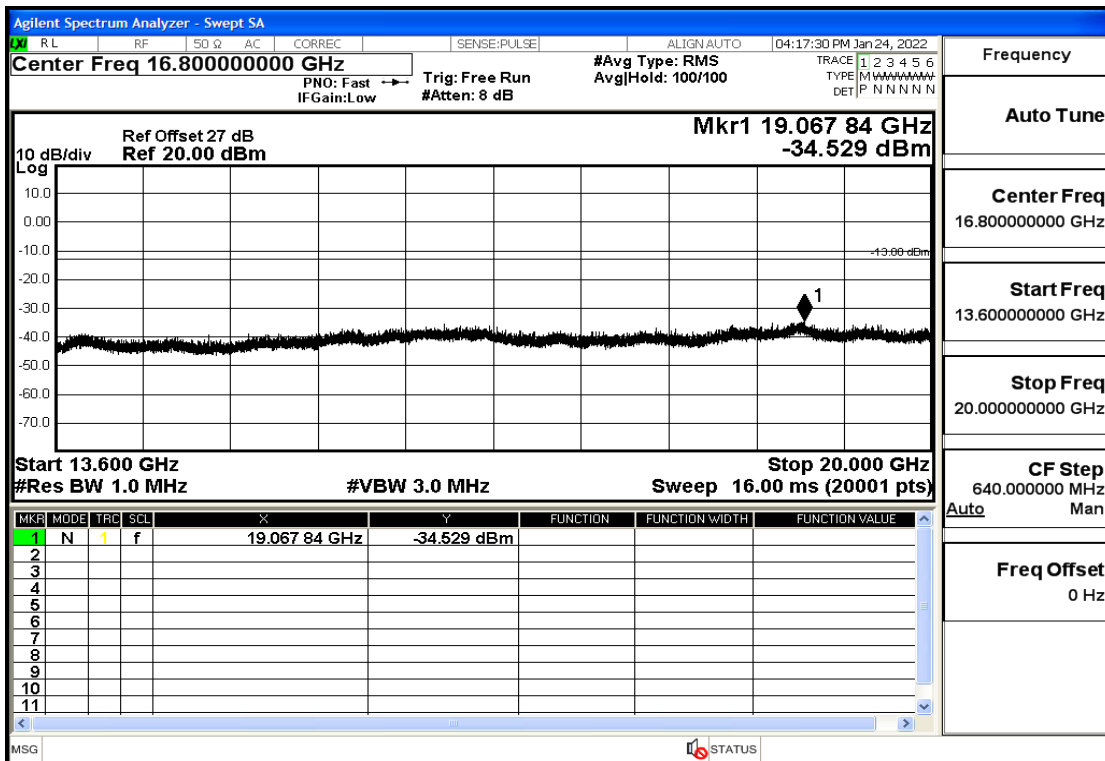
OB2-5-1880-Q16-25#LOW@1GHz-7GHz@Pass



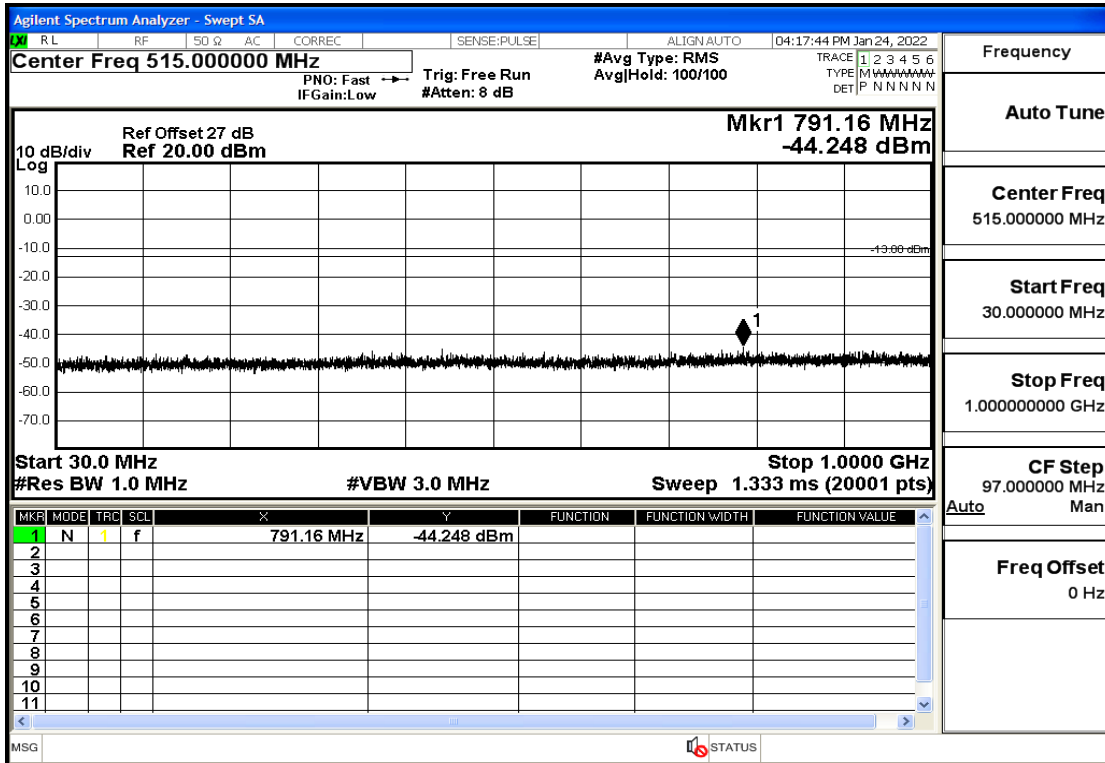
OB2-5-1880-Q16-25#LOW@7GHz-13.6GHz@Pass



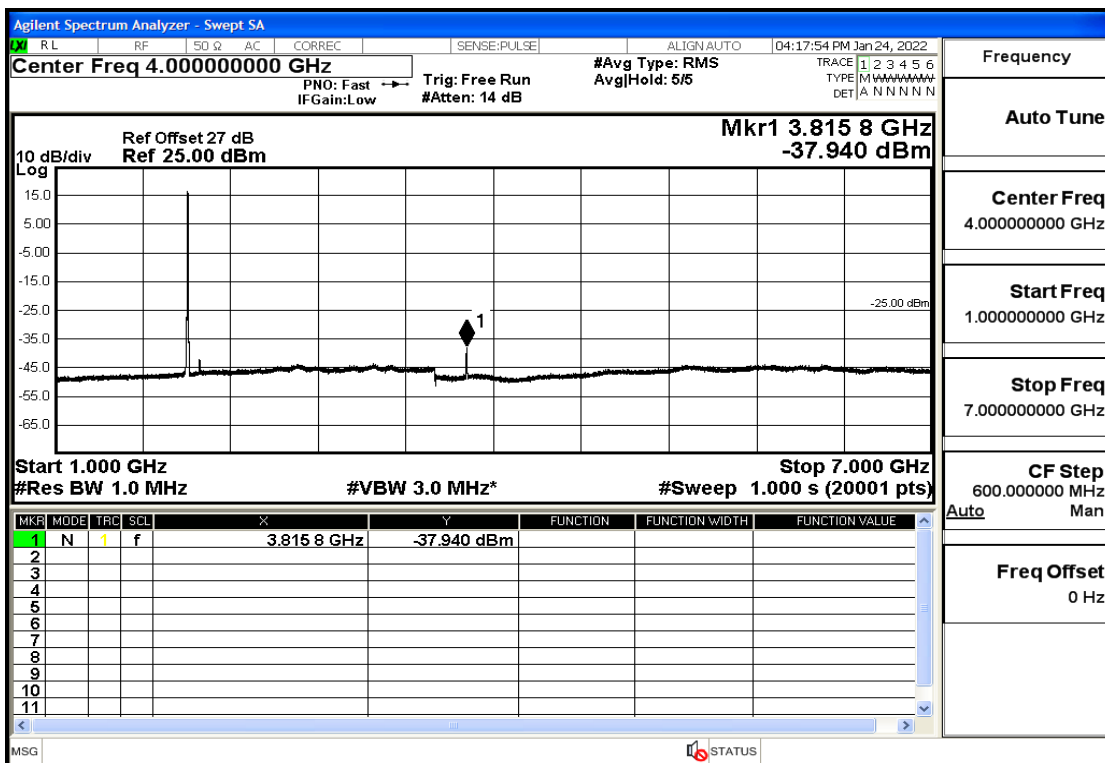
OB2-5-1880-Q16-25#LOW@13.6GHz-20GHz@Pass



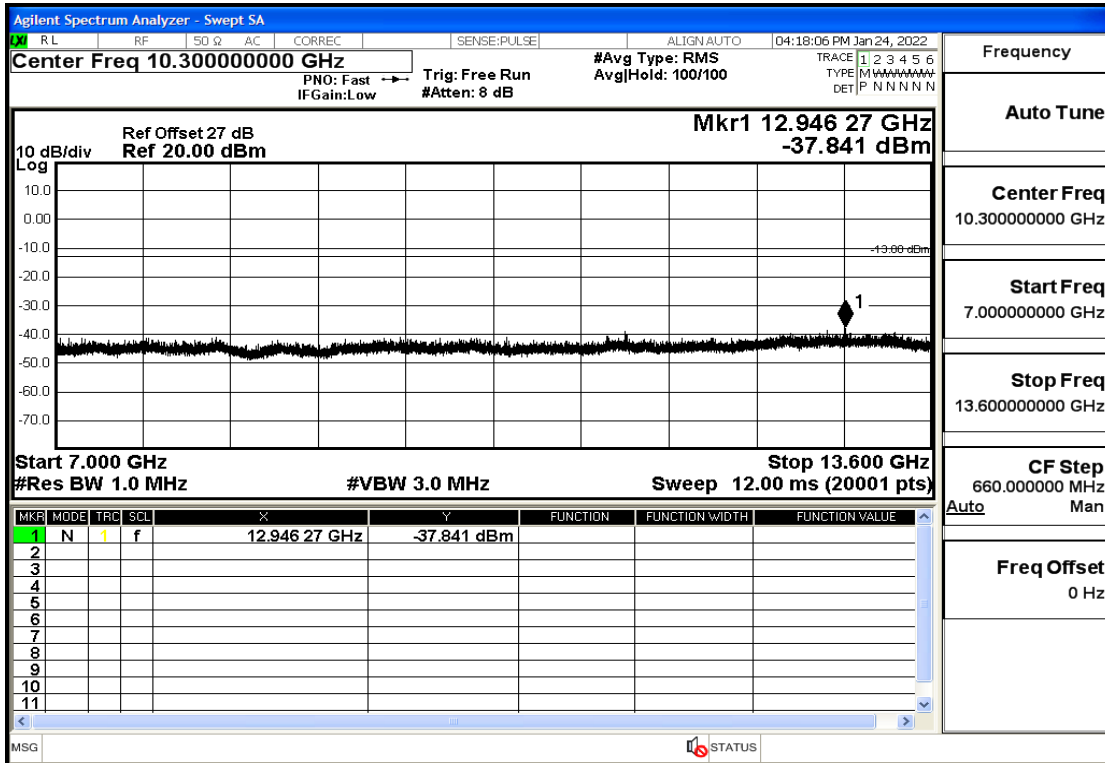
OB2-5-1907.5-Q16-25#LOW@30mHz-1GHz@Pass



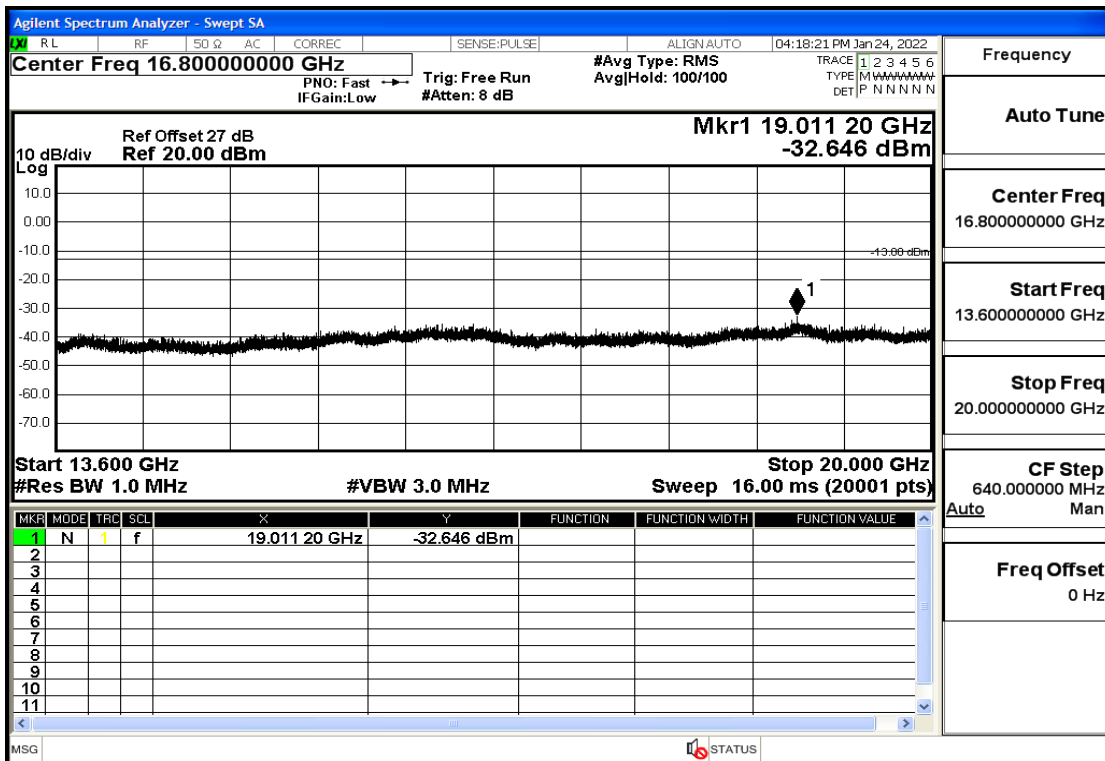
OB2-5-1907.5-Q16-25#LOW@1GHz-7GHz@Pass



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

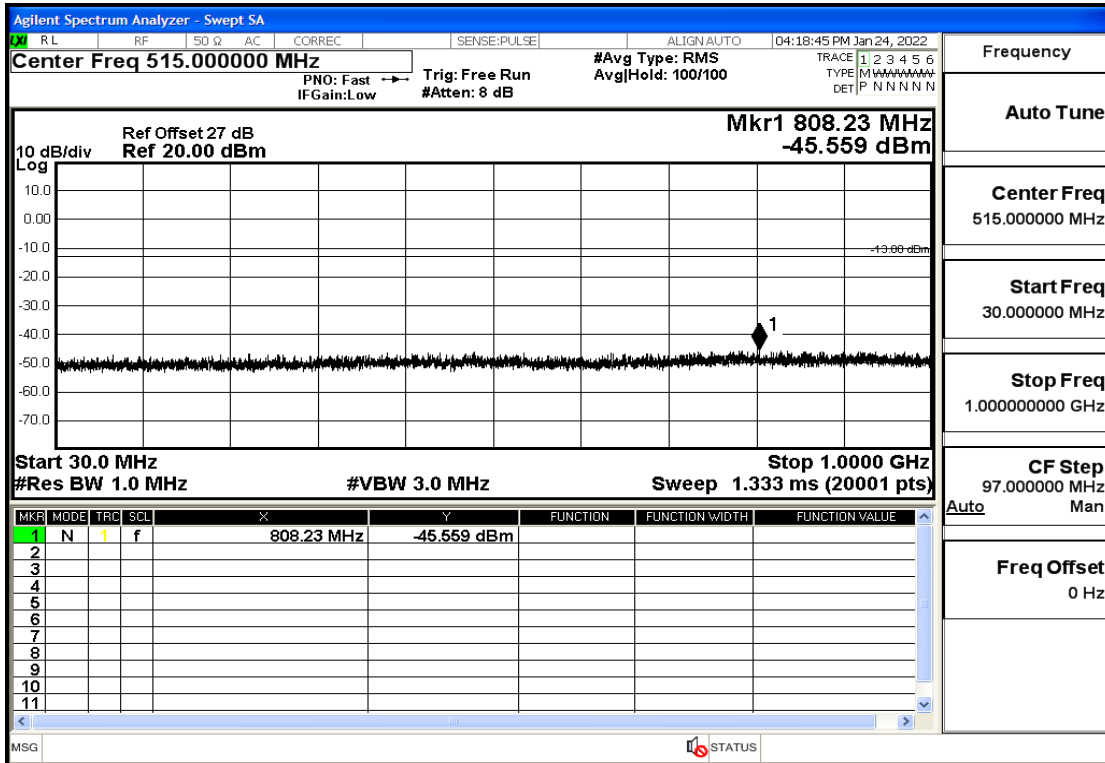


OB2-5-1907.5-Q16-25#LOW@13.6GHz-20GHz@Pass

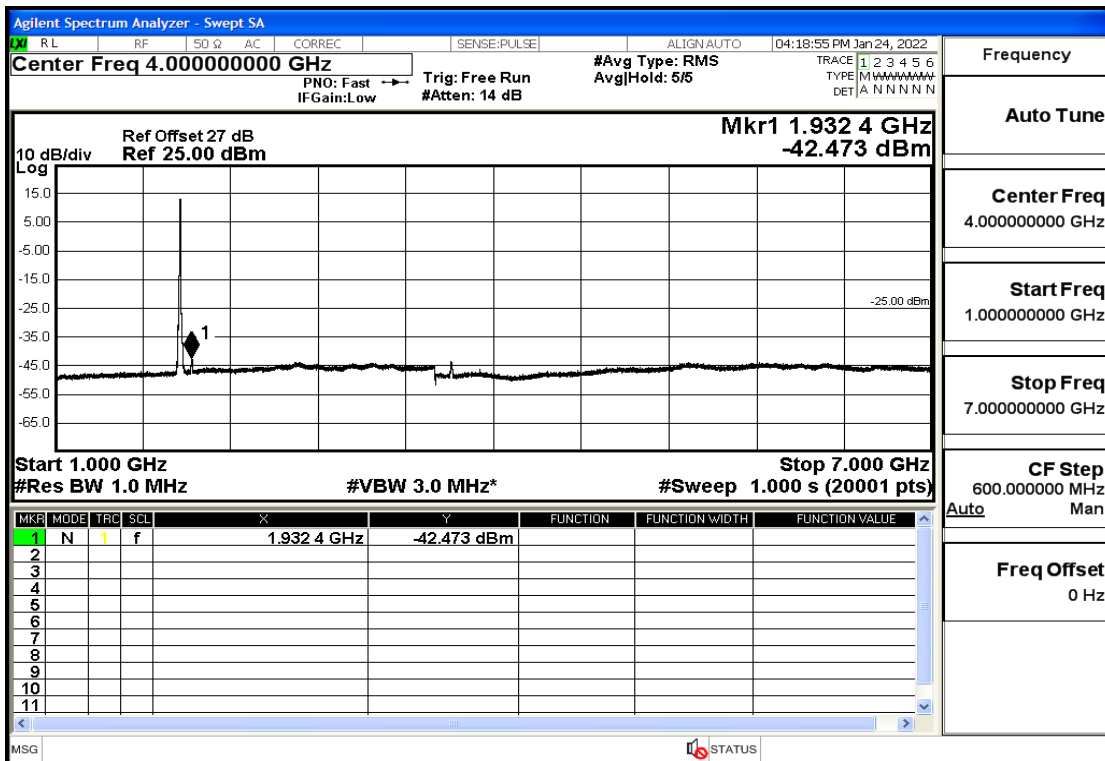




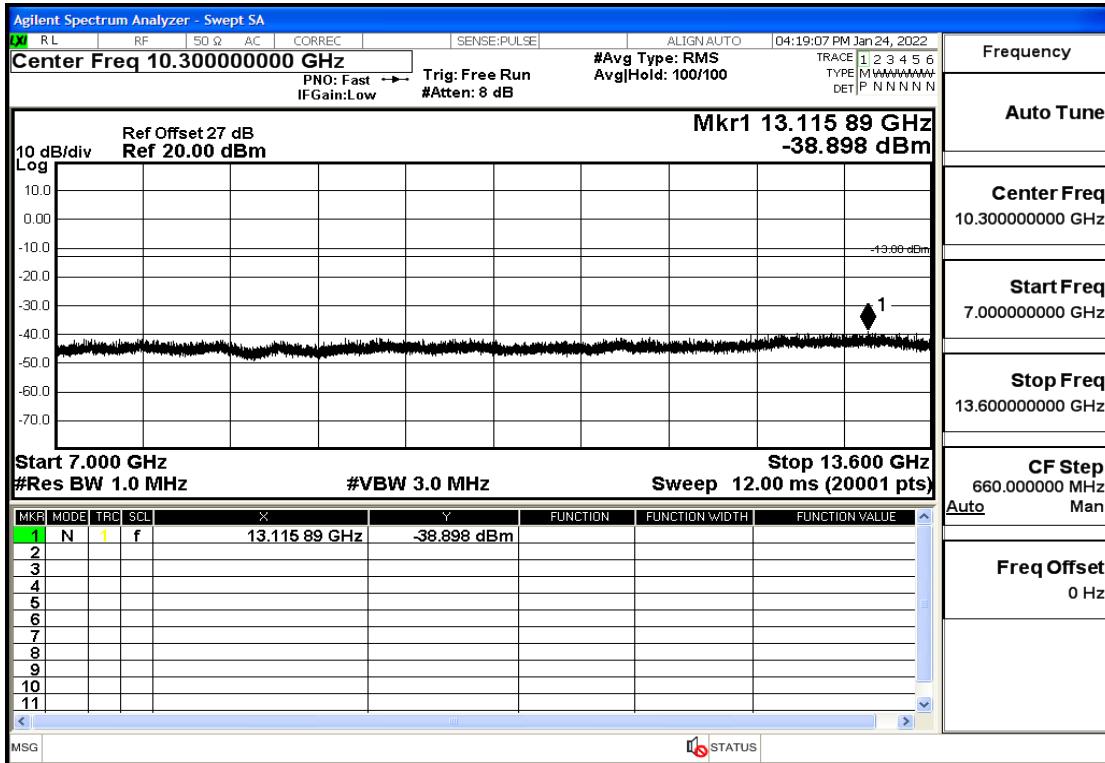
OB2-10-1855-Q16-50#LOW@30mHz-1GHz@Pass



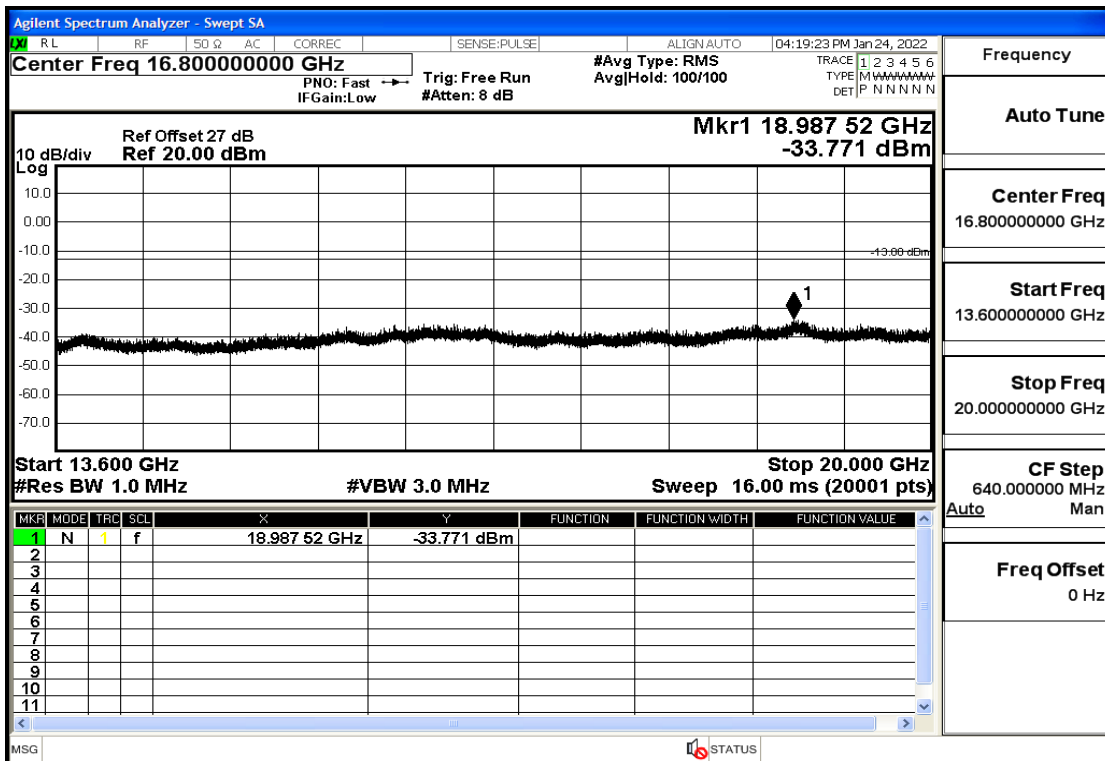
OB2-10-1855-Q16-50#LOW@1GHz-7GHz@Pass



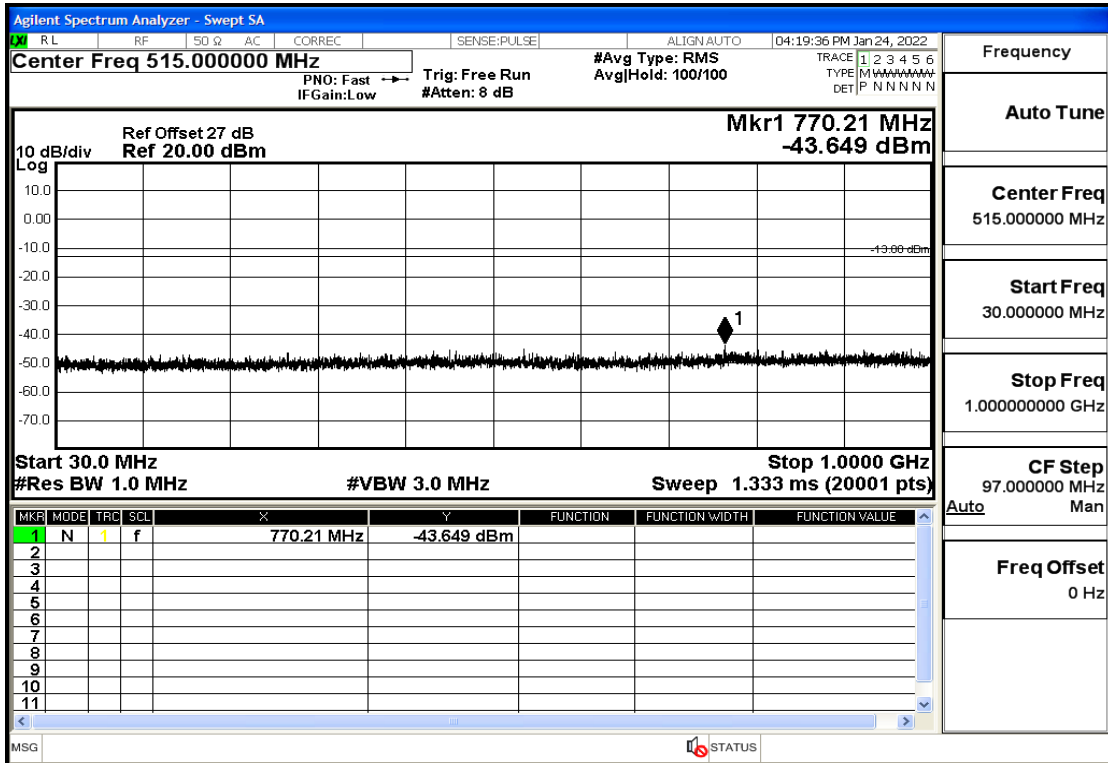
OB2-10-1855-Q16-50#LOW@7GHz-13.6GHz@Pass



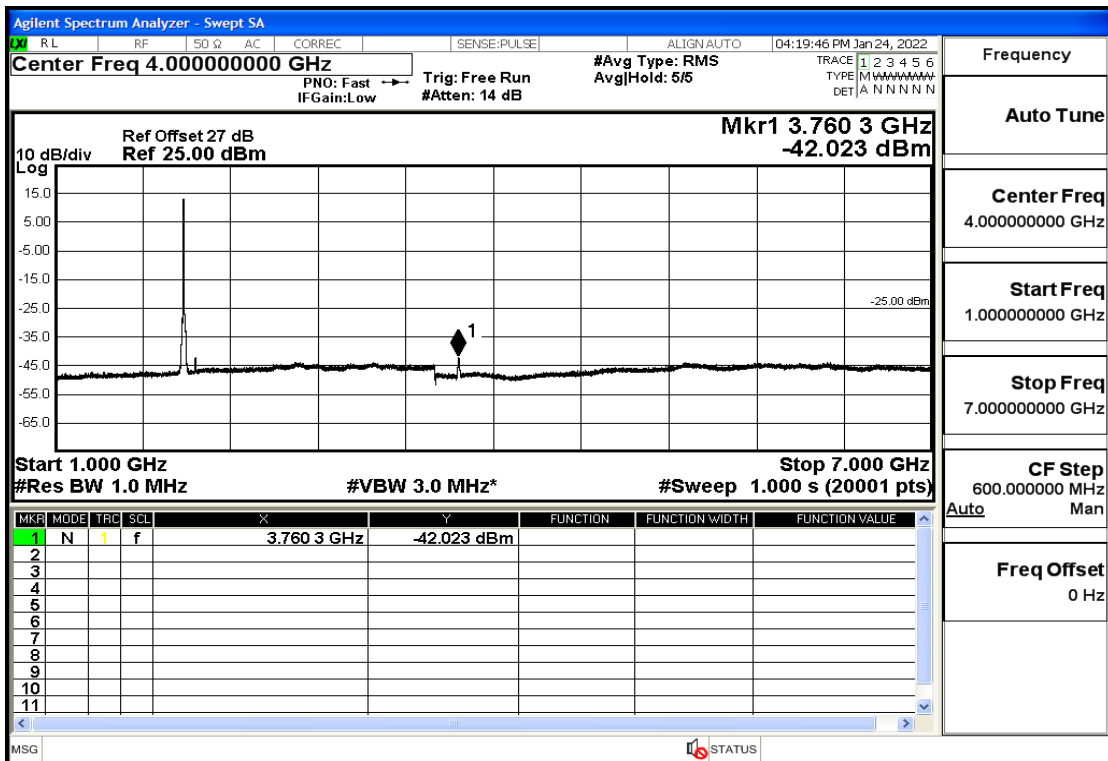
OB2-10-1855-Q16-50#LOW@13.6GHz-20GHz@Pass



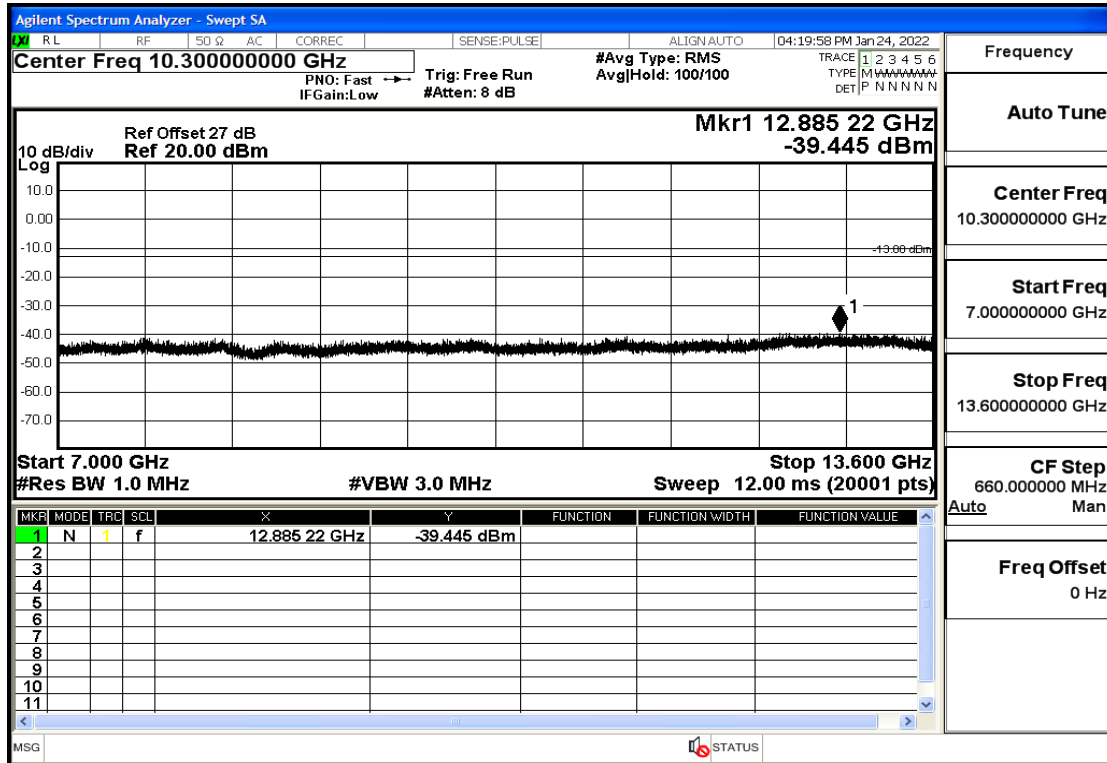
OB2-10-1880-Q16-50#LOW@30mHz-1GHz@Pass



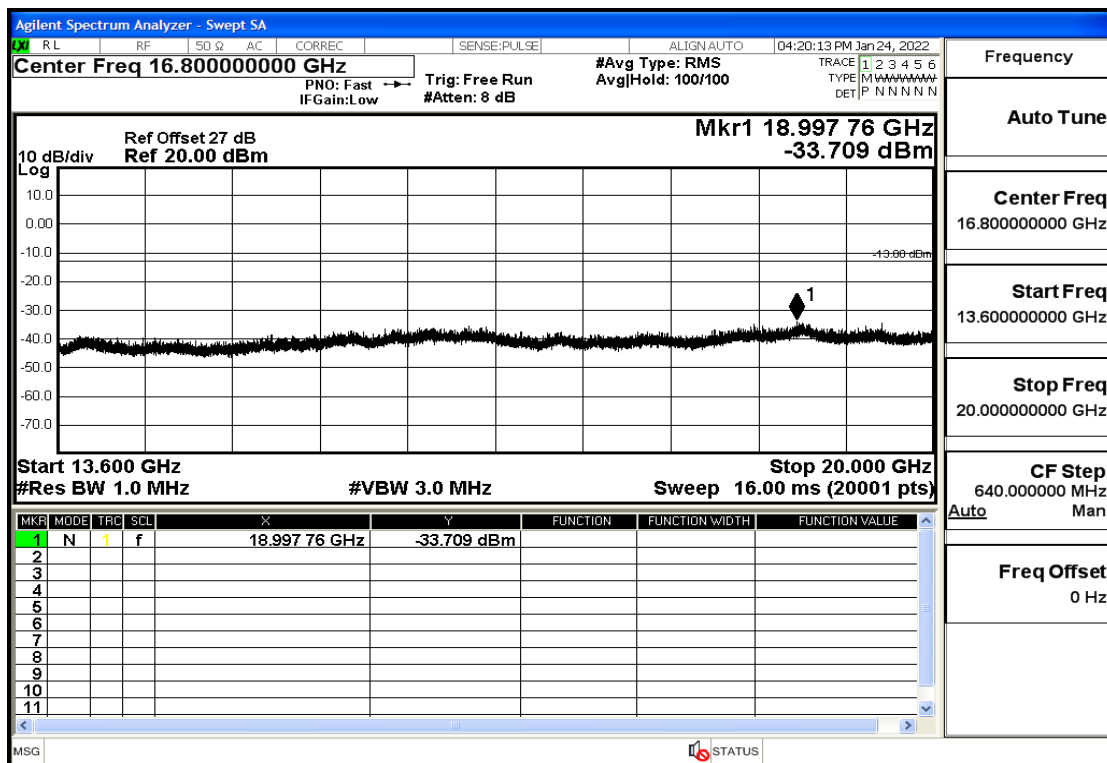
OB2-10-1880-Q16-50#LOW@1GHz-7GHz@Pass



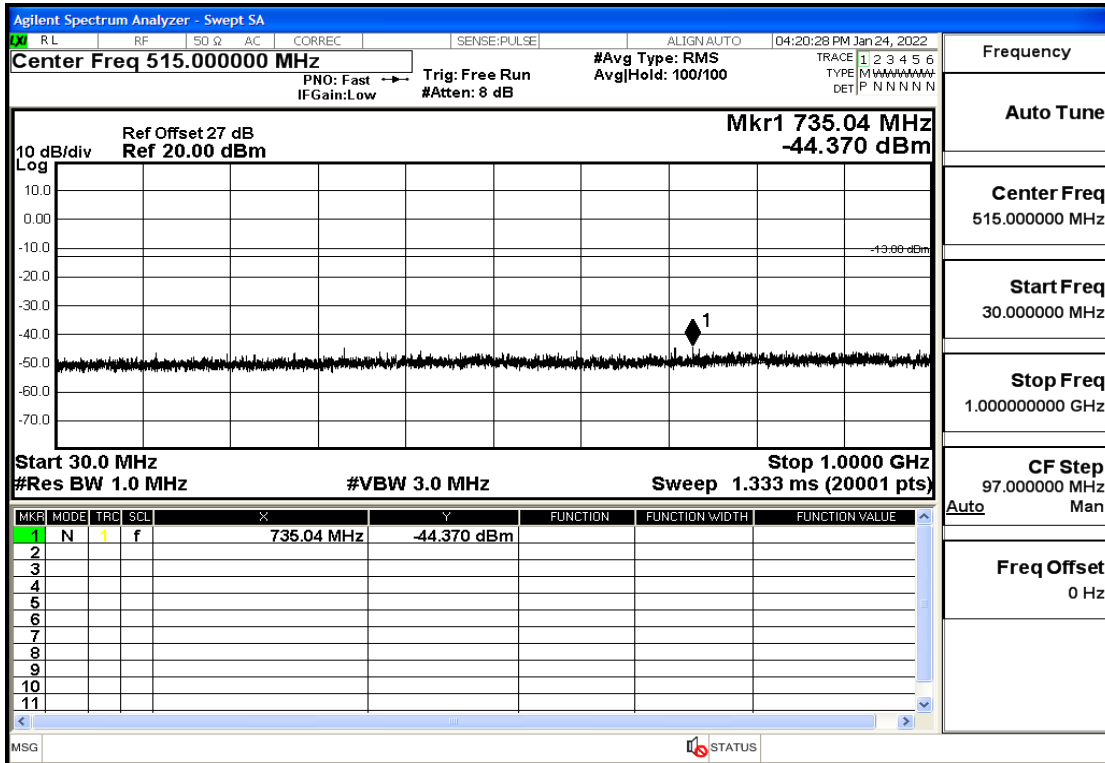
OB2-10-1880-Q16-50#LOW@7GHz-13.6GHz@Pass



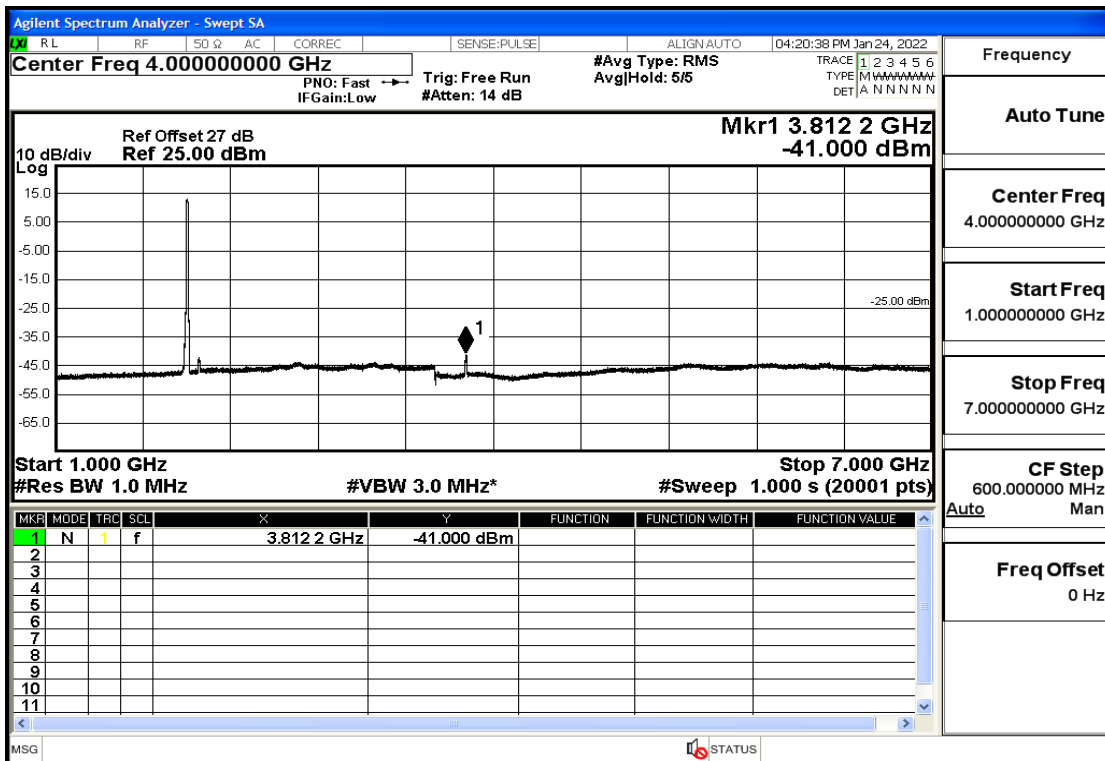
OB2-10-1880-Q16-50#LOW@13.6GHz-20GHz@Pass



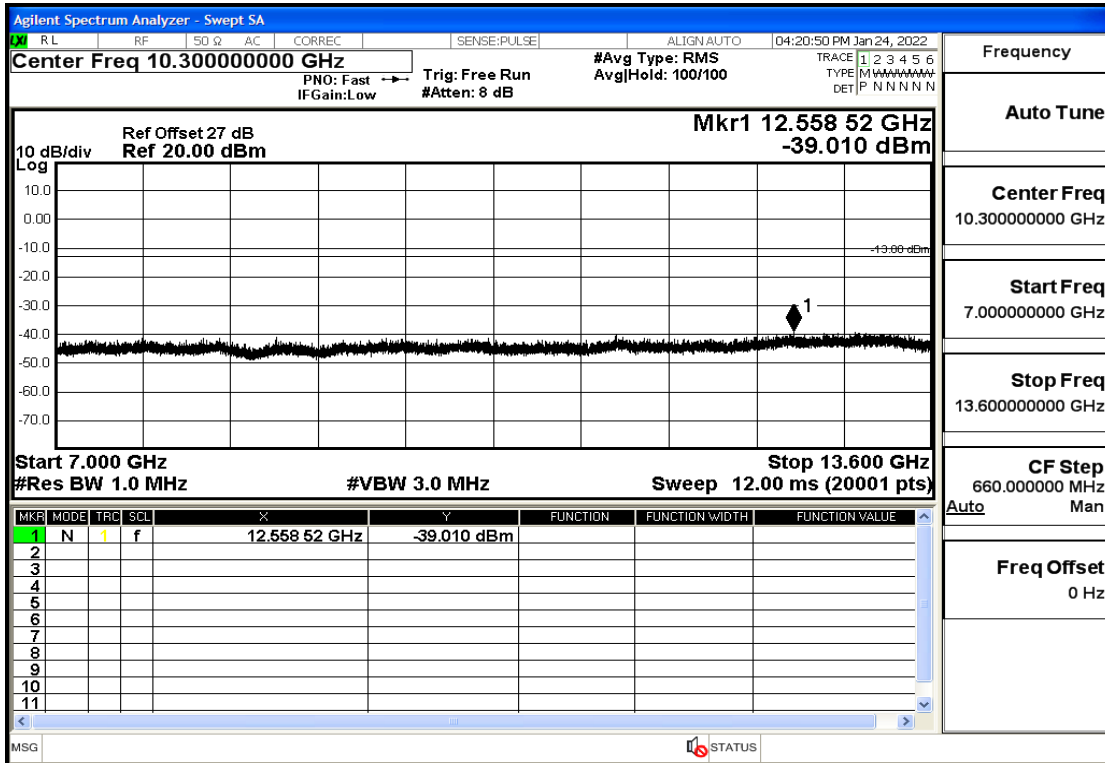
OB2-10-1905-Q16-50#LOW@30mHz-1GHz@Pass



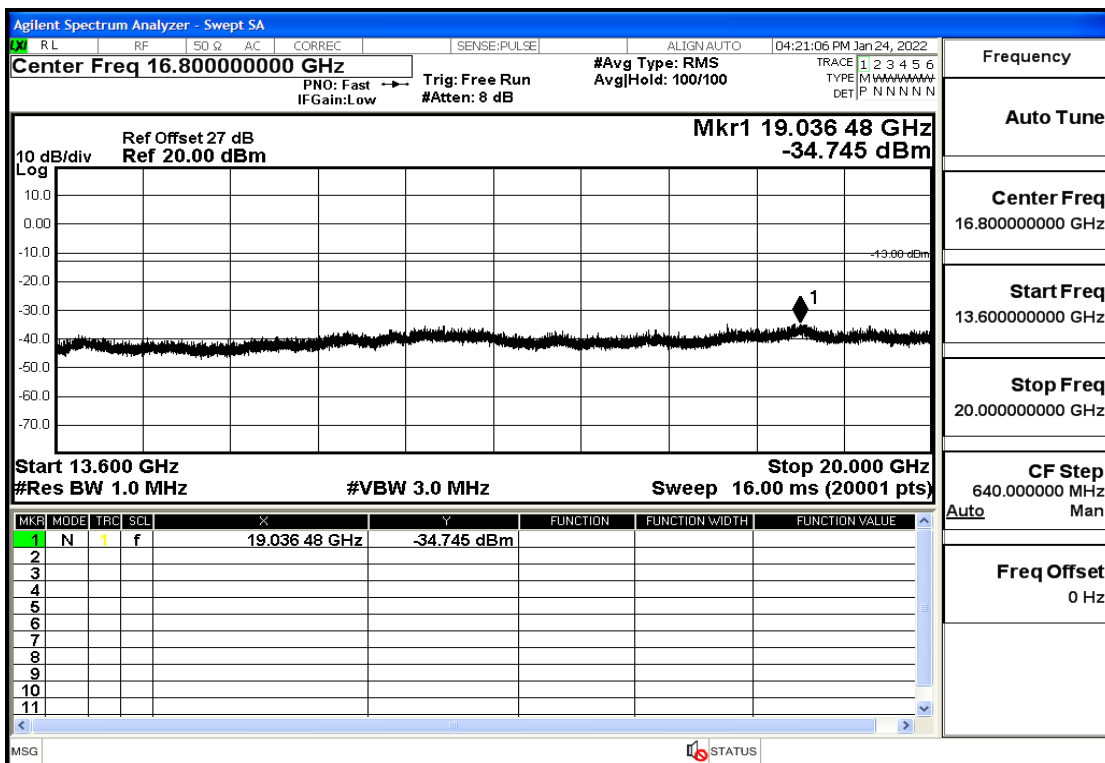
OB2-10-1905-Q16-50#LOW@1GHz-7GHz@Pass



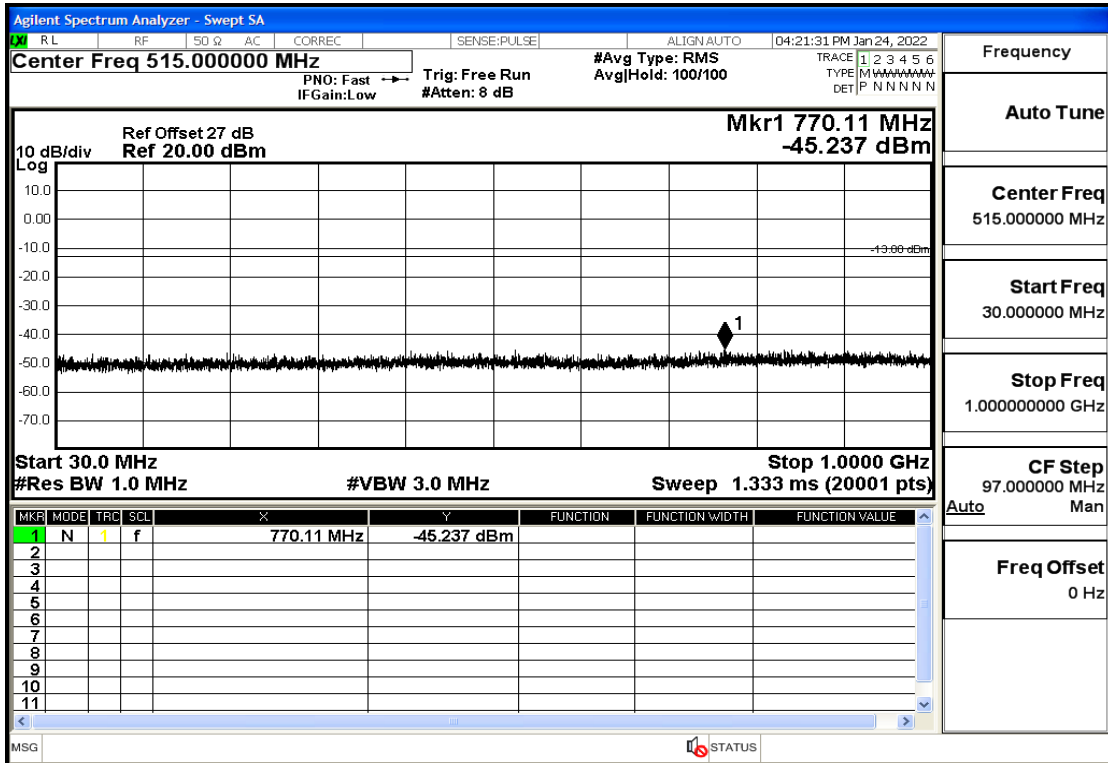
OB2-10-1905-Q16-50#LOW@7GHz-13.6GHz@Pass



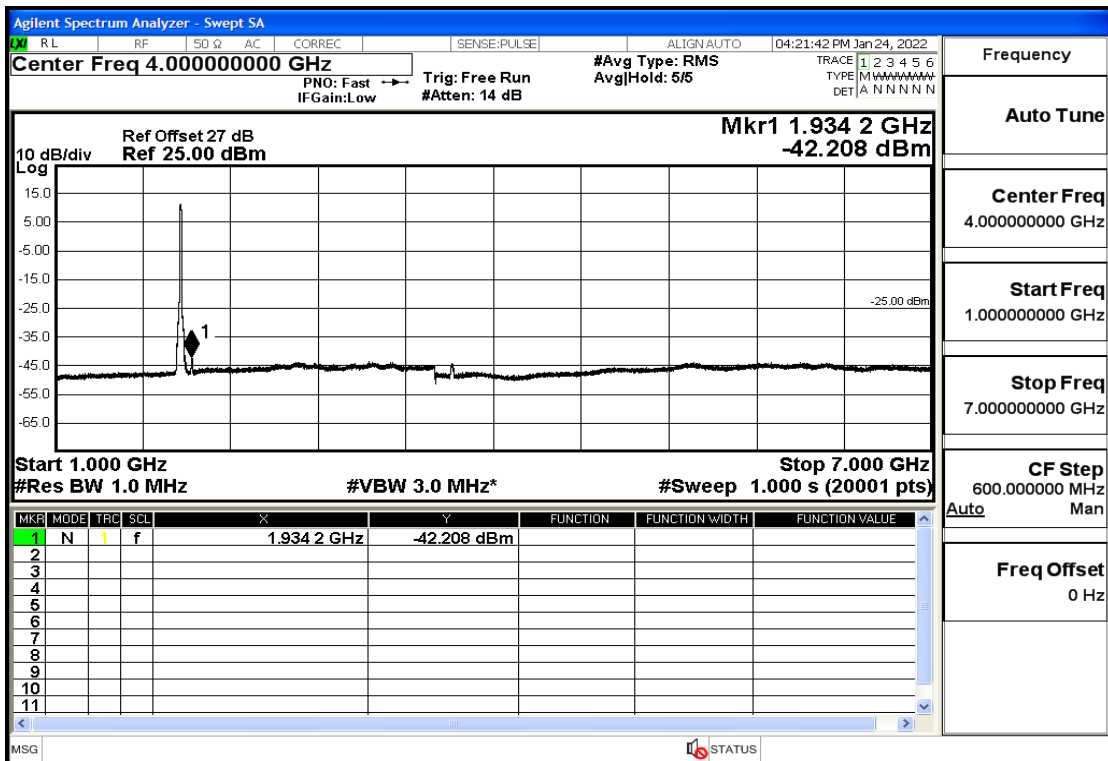
OB2-10-1905-Q16-50#LOW@13.6GHz-20GHz@Pass



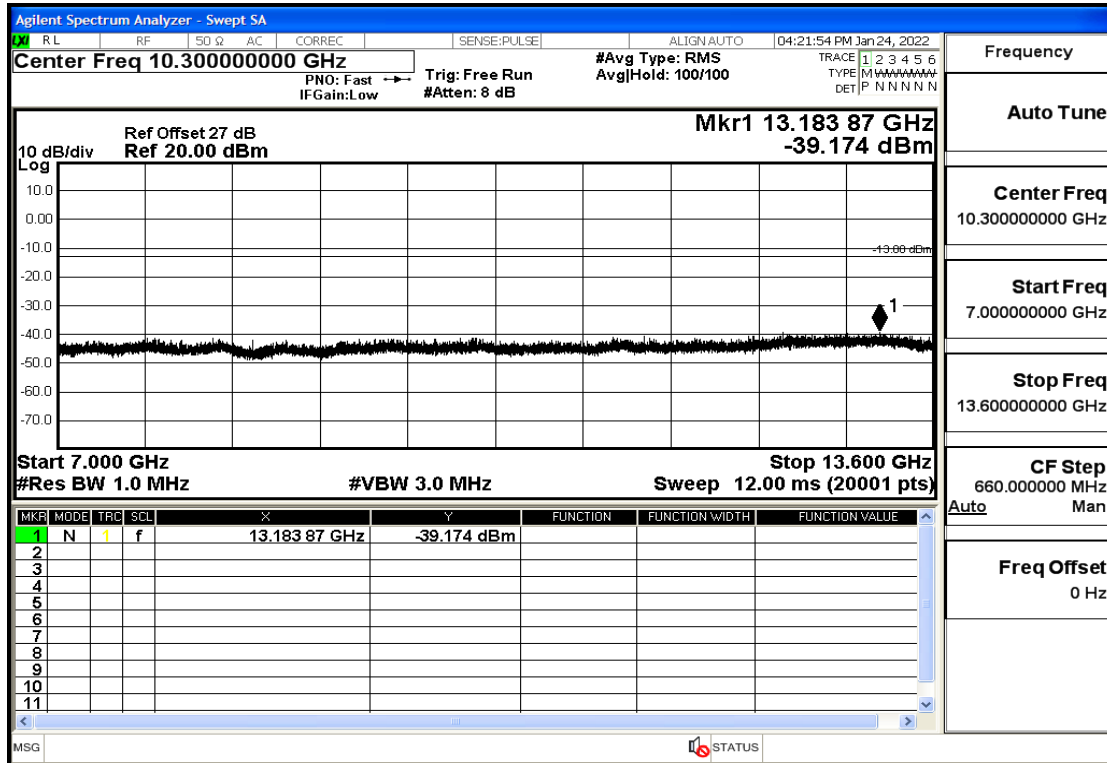
OB2-15-1857.5-Q16-75#LOW@30mHz-1GHz@Pass



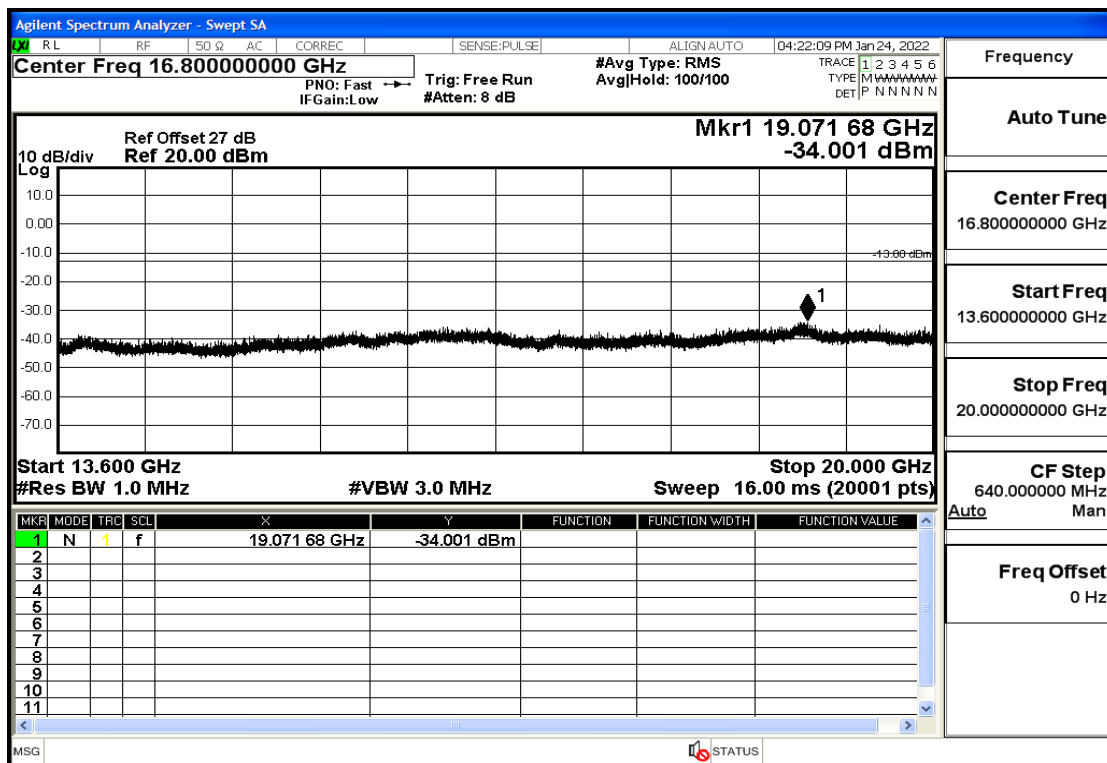
OB2-15-1857.5-Q16-75#LOW@1GHz-7GHz@Pass



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

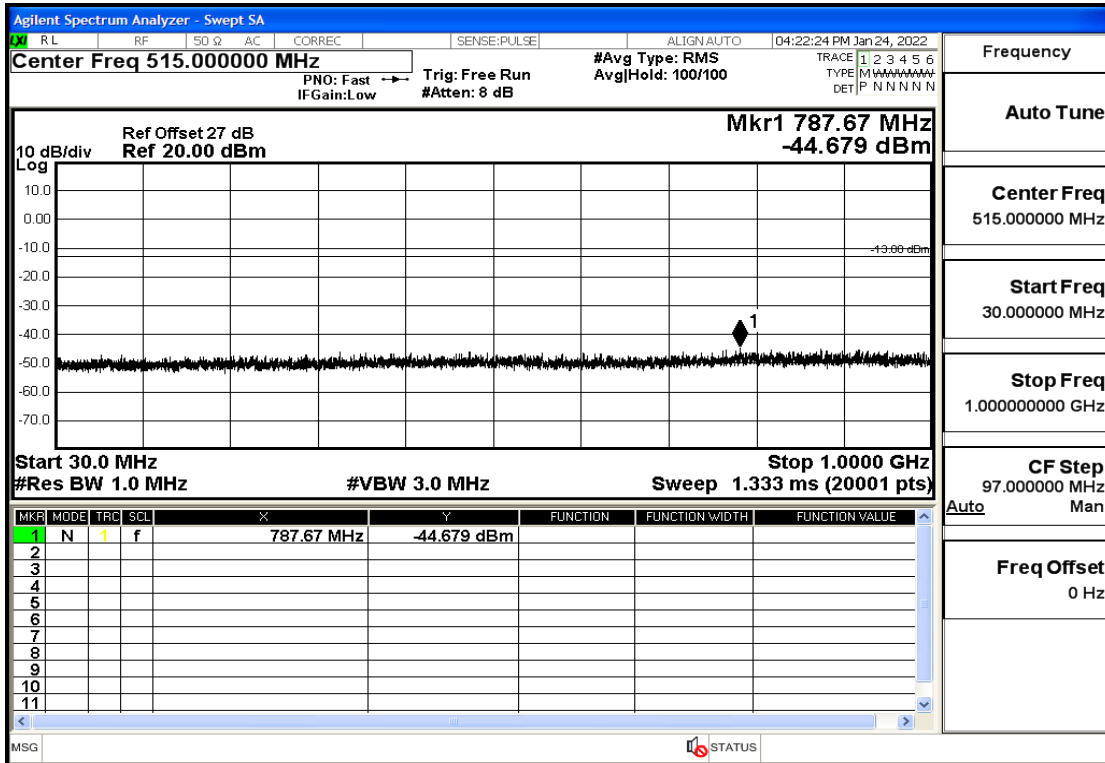


OB2-15-1857.5-Q16-75#LOW@13.6GHz-20GHz@Pass

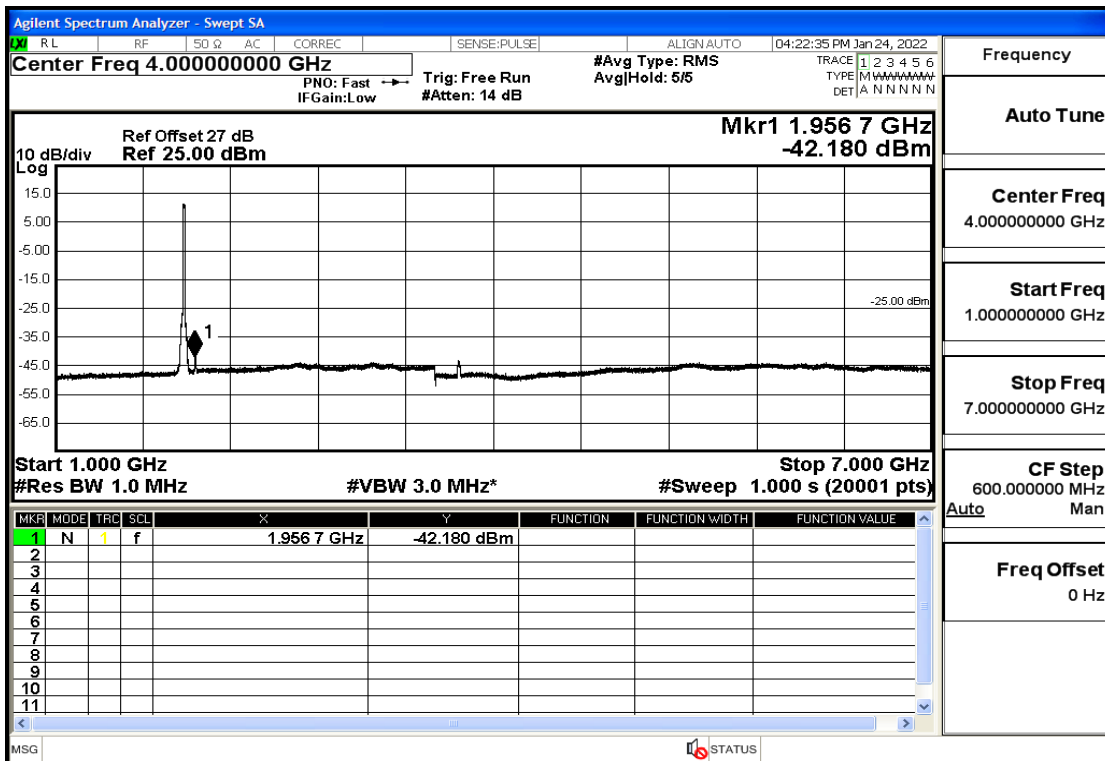




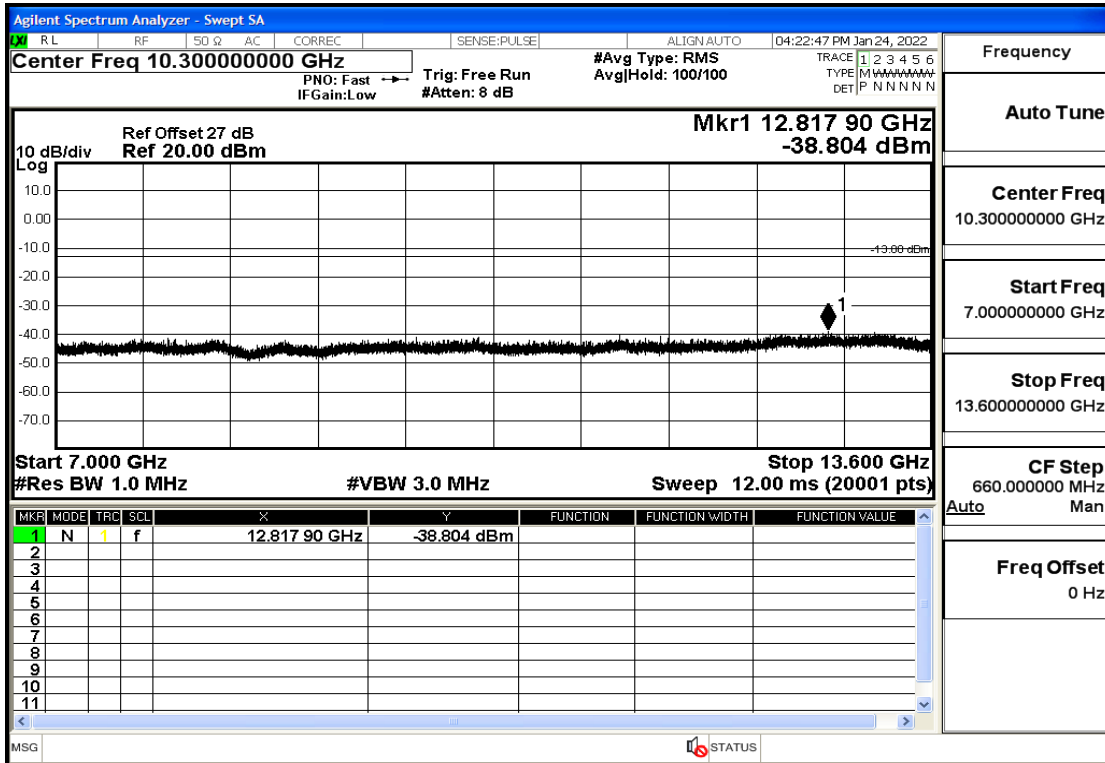
OB2-15-1880-Q16-75#LOW@30mHz-1GHz@Pass



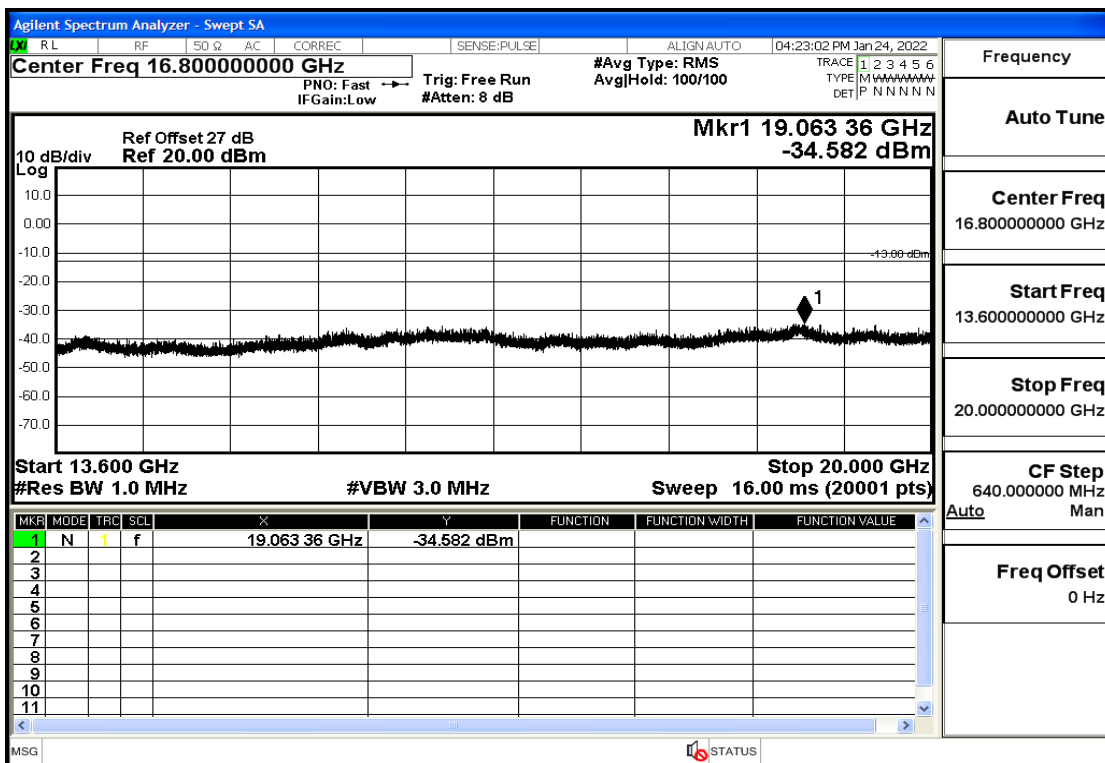
OB2-15-1880-Q16-75#LOW@1GHz-7GHz@Pass



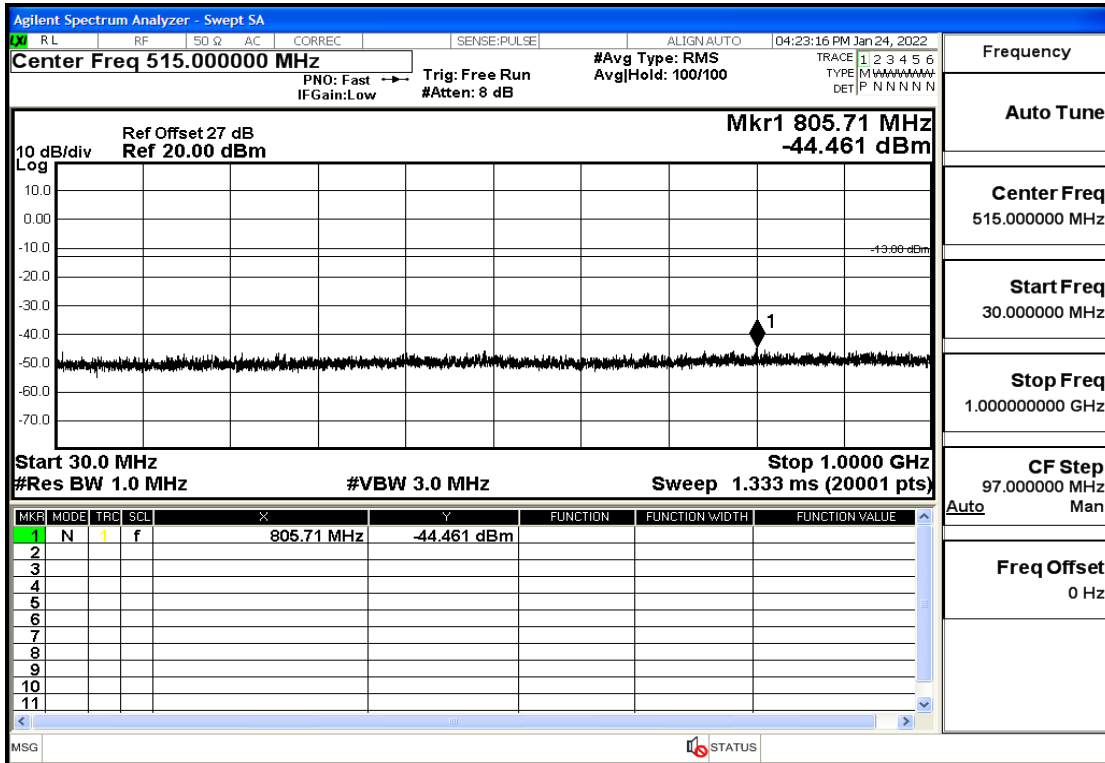
OB2-15-1880-Q16-75#LOW@7GHz-13.6GHz@Pass



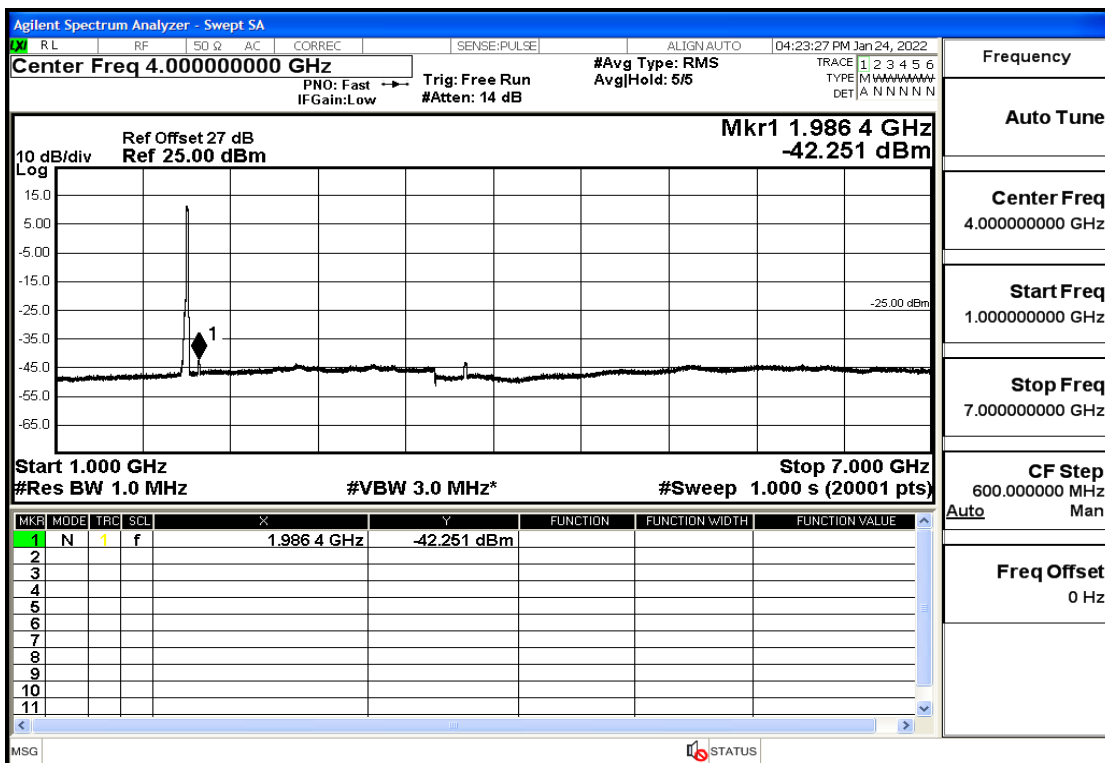
OB2-15-1880-Q16-75#LOW@13.6GHz-20GHz@Pass



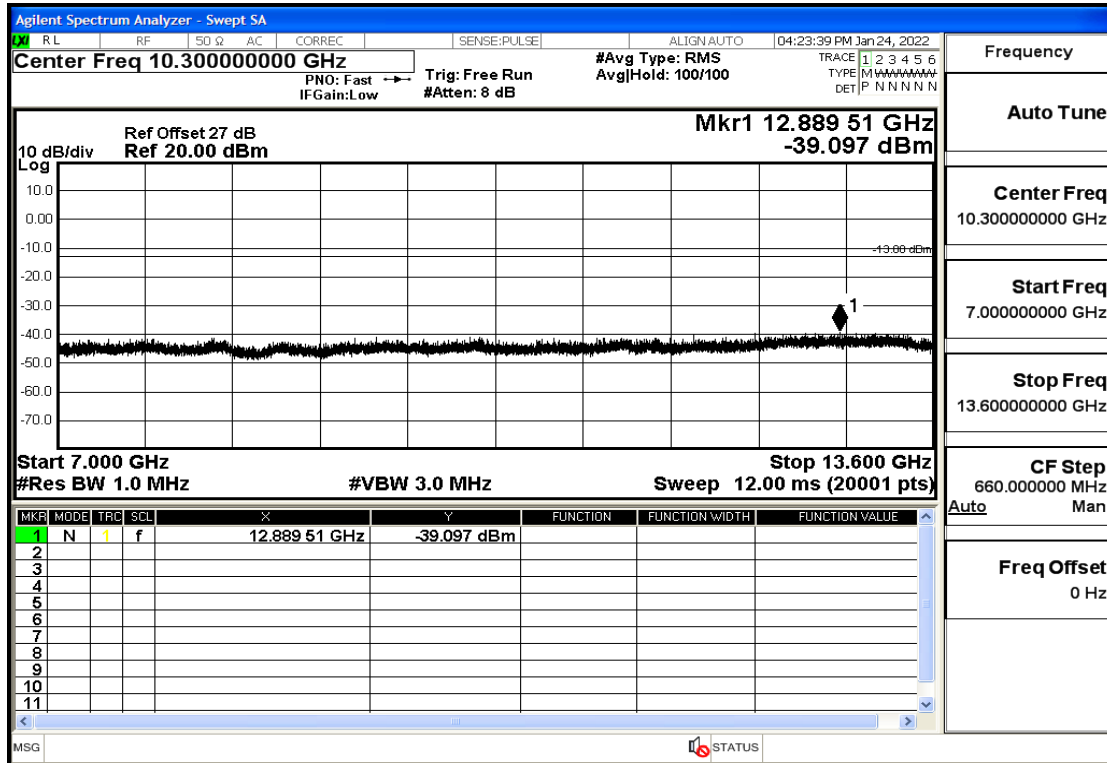
OB2-15-1902.5-Q16-75#LOW@30mHz-1GHz@Pass



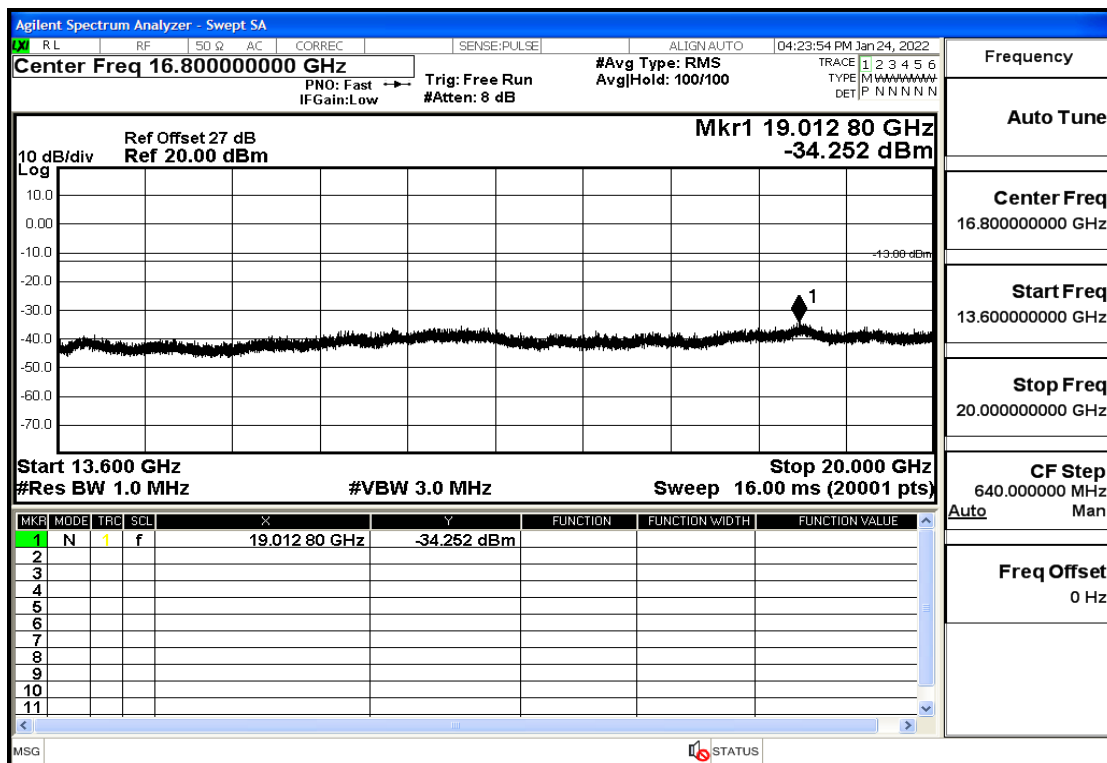
OB2-15-1902.5-Q16-75#LOW@1GHz-7GHz@Pass



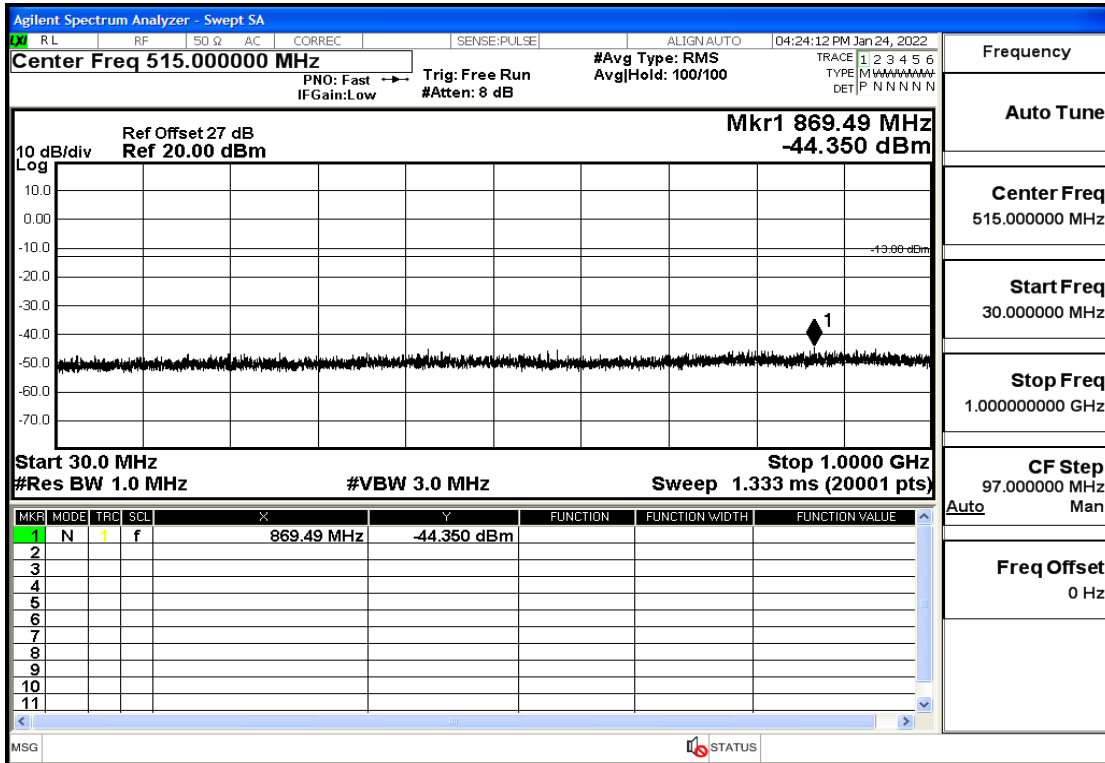
OB2-15-1902.5-Q16-75#LOW@7GHz-13.6GHz@Pass



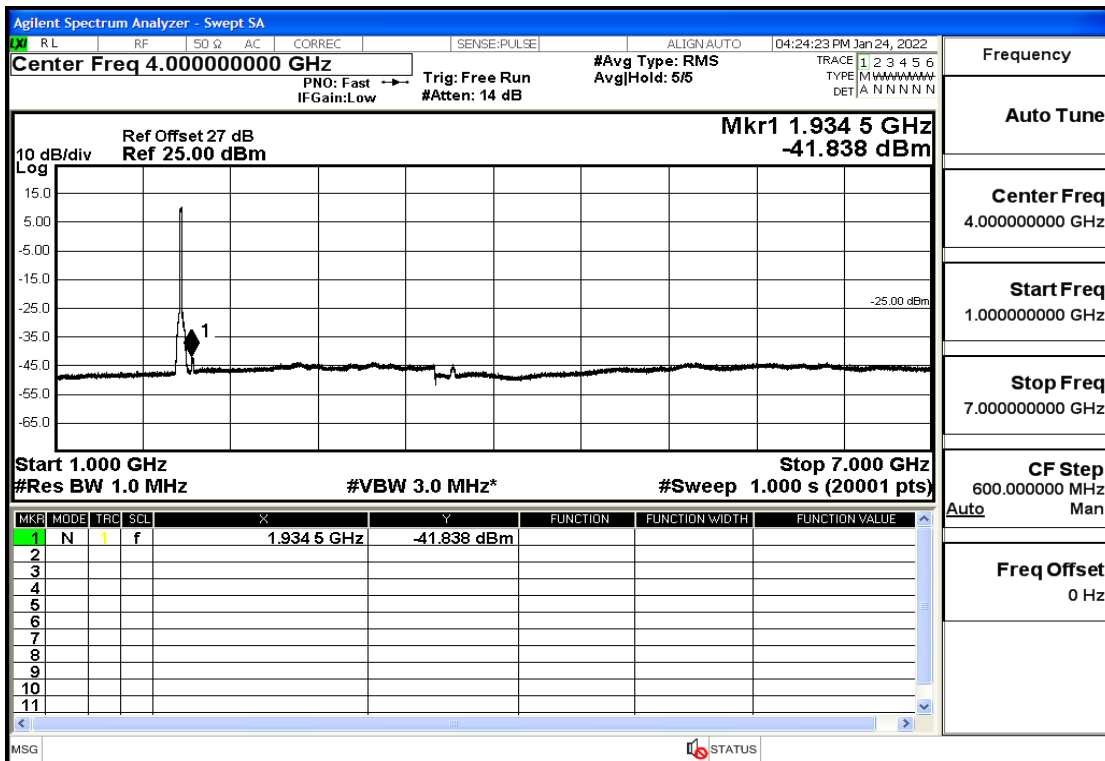
OB2-15-1902.5-Q16-75#LOW@13.6GHz-20GHz@Pass



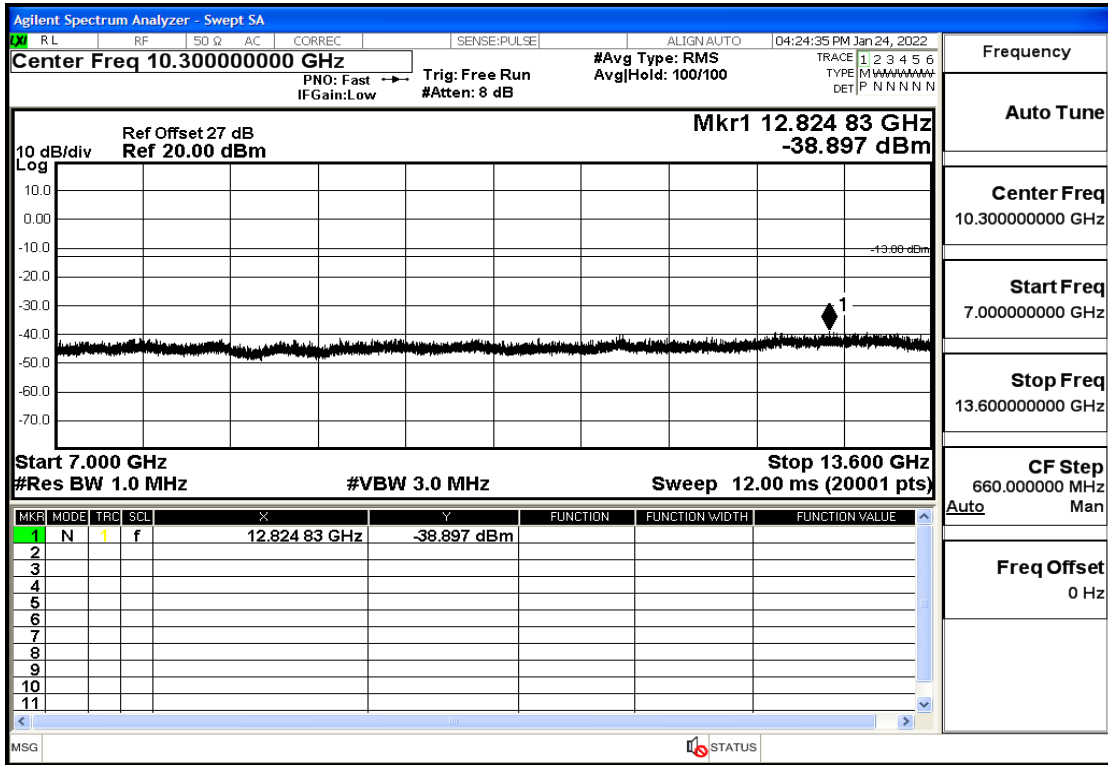
OB2-20-1860-Q16-100#LOW@30mHz-1GHz@Pass



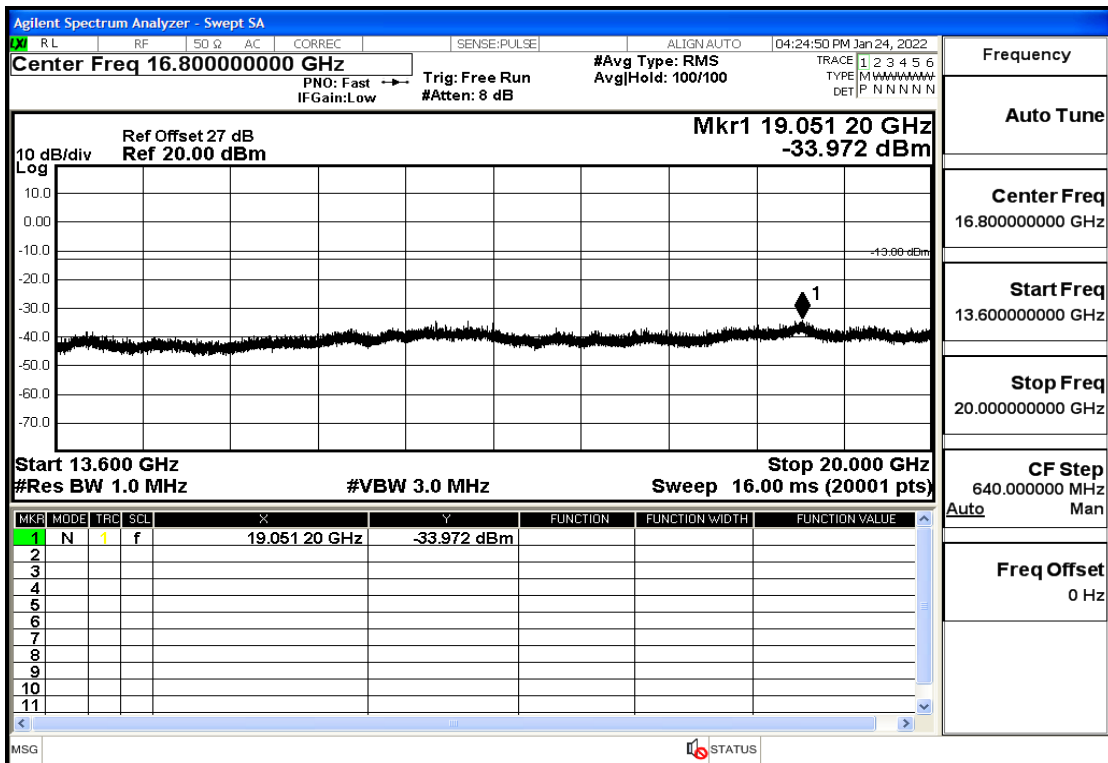
OB2-20-1860-Q16-100#LOW@1GHz-7GHz@Pass



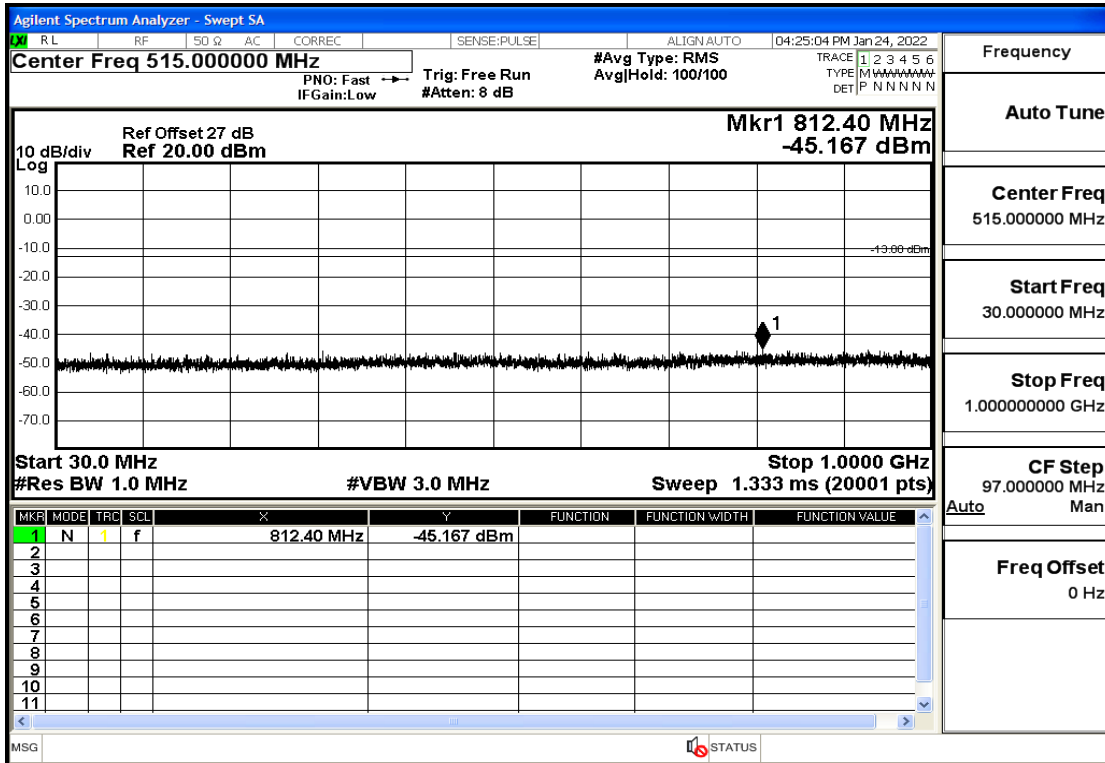
OB2-20-1860-Q16-100#LOW@7GHz-13.6GHz@Pass



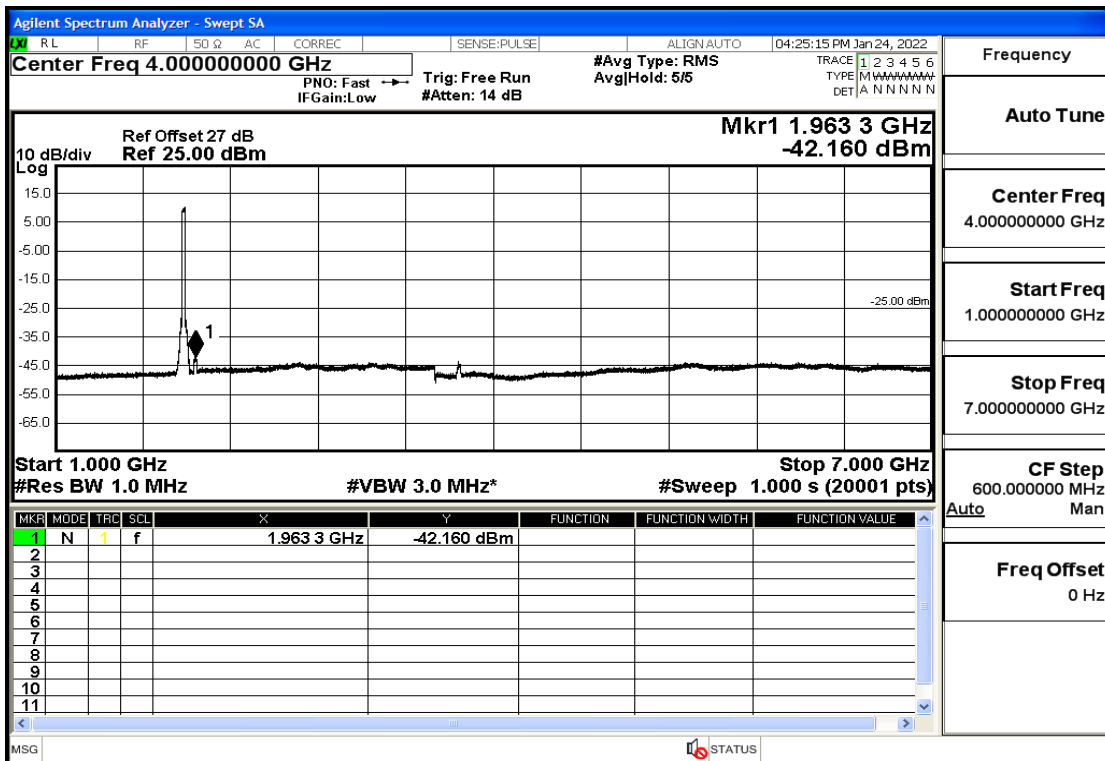
OB2-20-1860-Q16-100#LOW@13.6GHz-20GHz@Pass



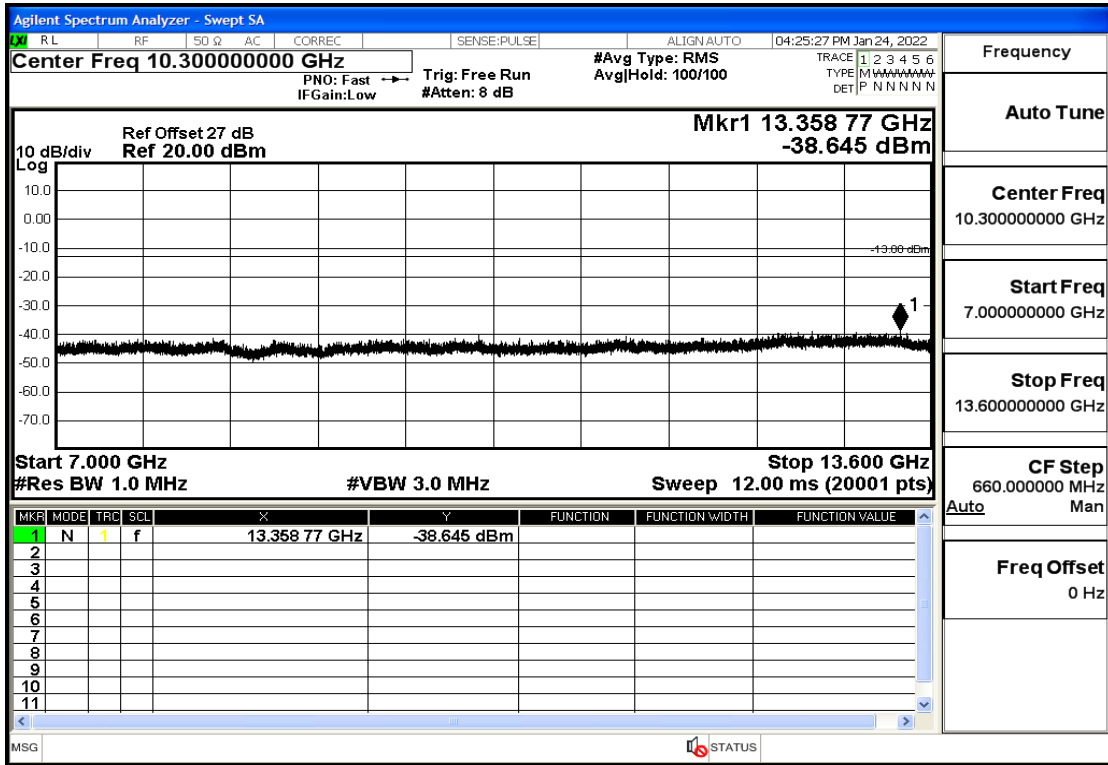
OB2-20-1880-Q16-100#LOW@30mHz-1GHz@Pass



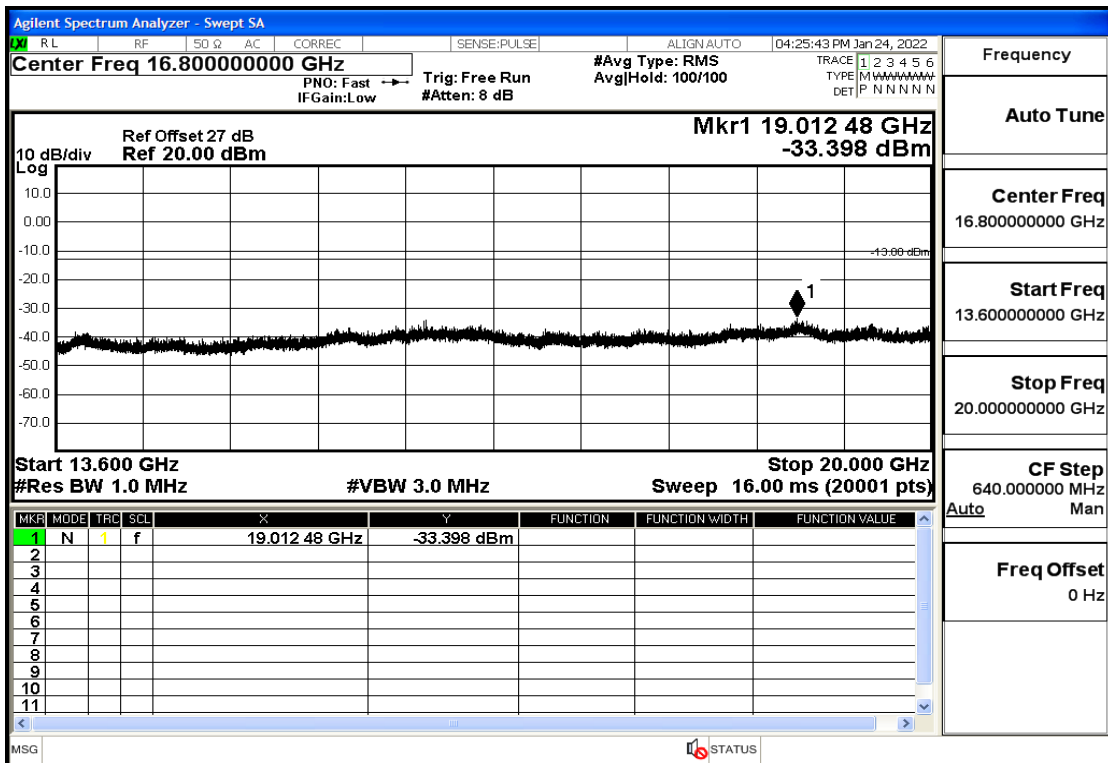
OB2-20-1880-Q16-100#LOW@1GHz-7GHz@Pass



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

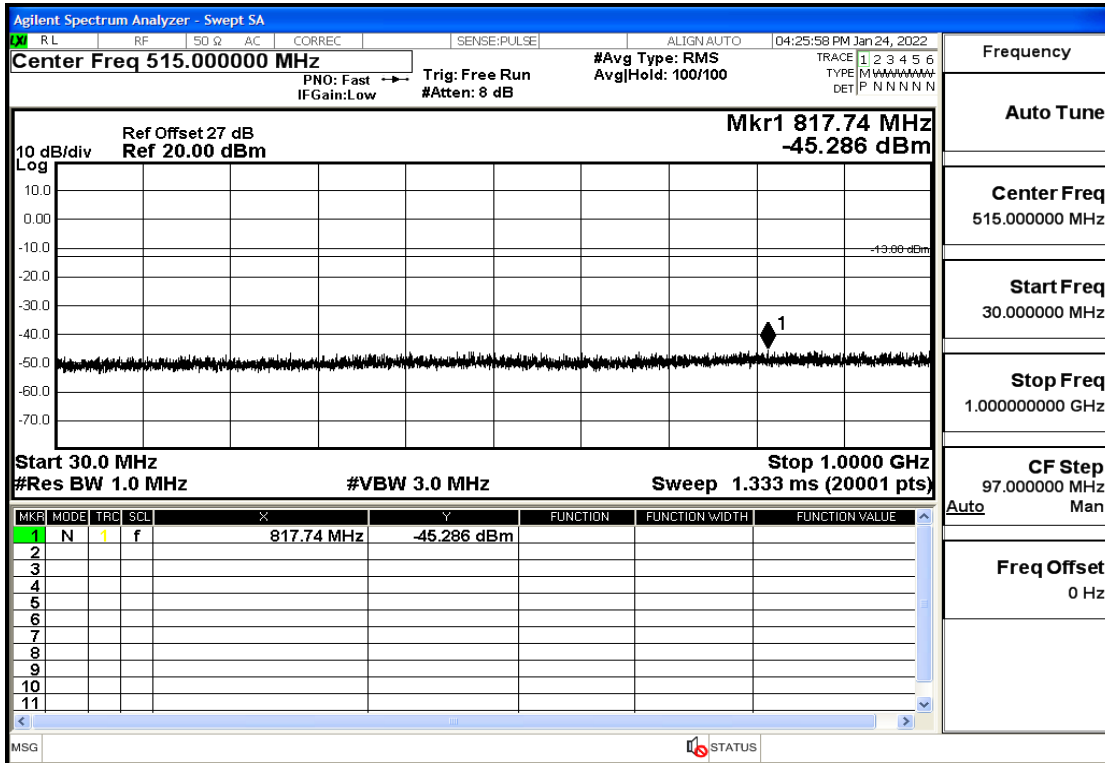


OB2-20-1880-Q16-100#LOW@13.6GHz-20GHz@Pass

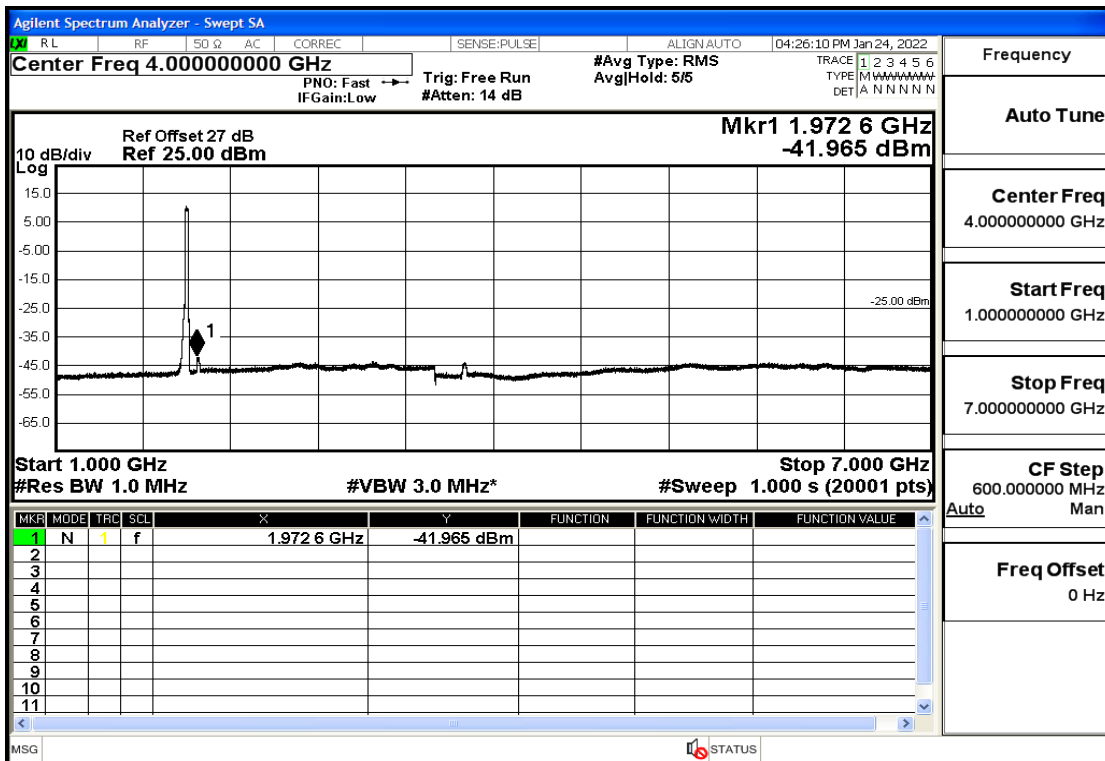




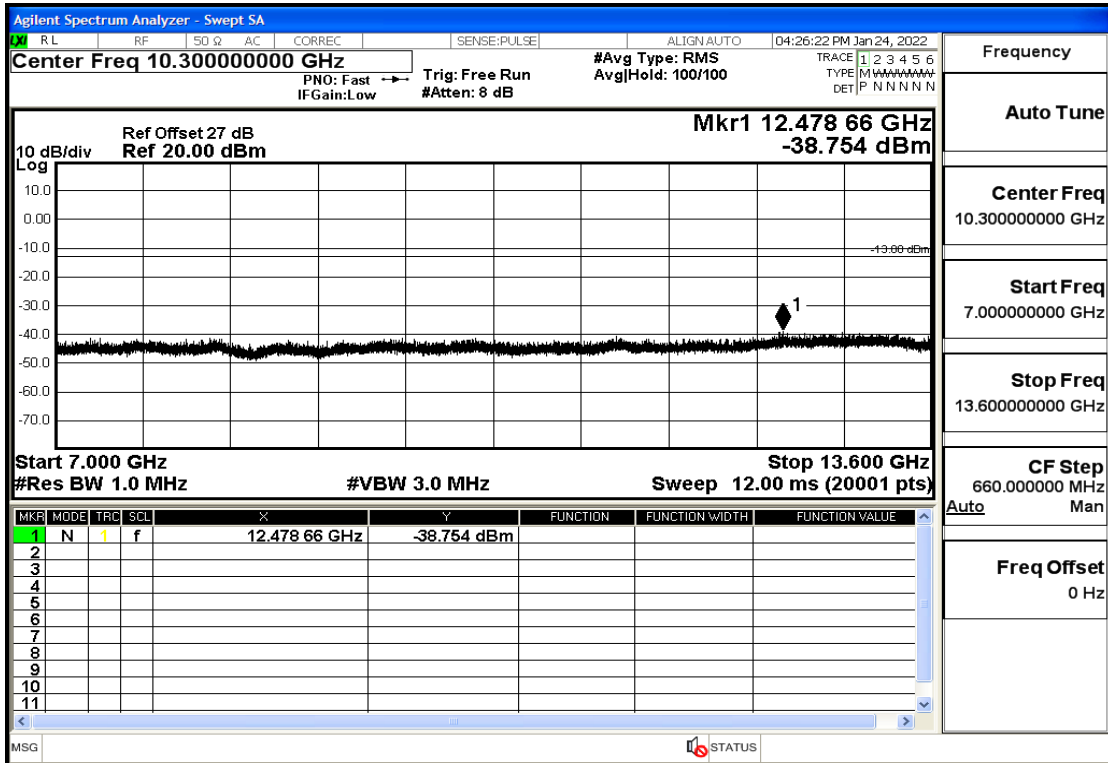
OB2-20-1900-Q16-100#LOW@30mHz-1GHz@Pass



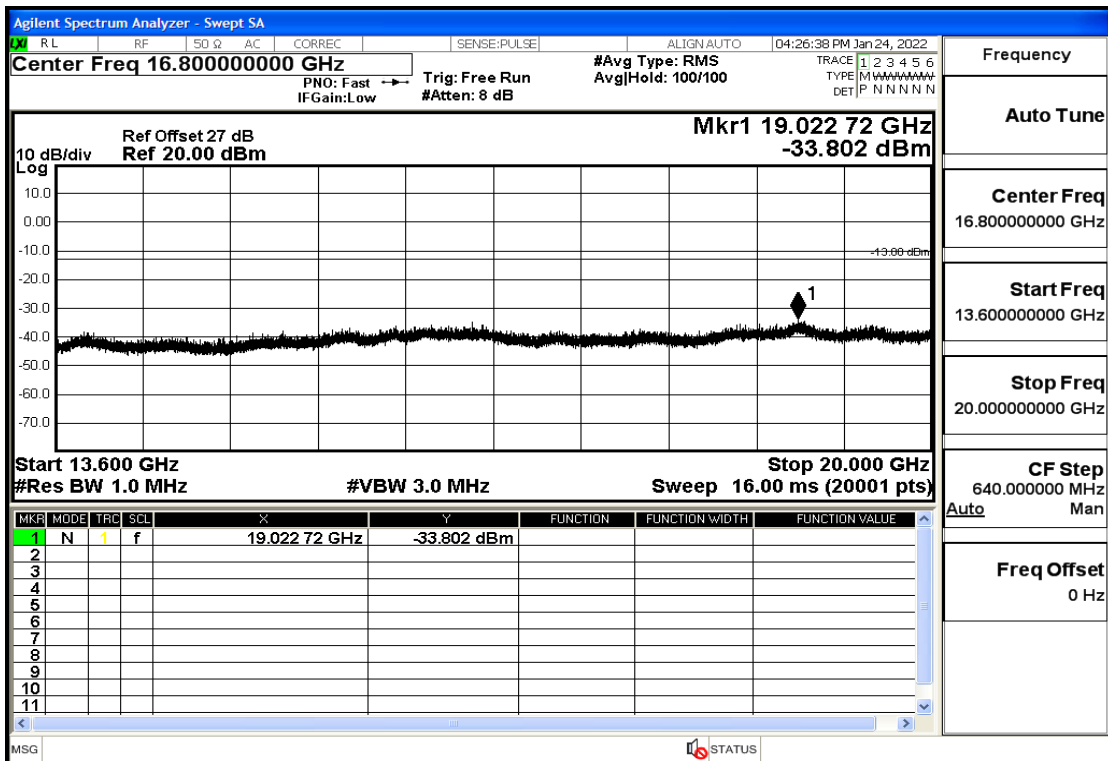
OB2-20-1900-Q16-100#LOW@1GHz-7GHz@Pass



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



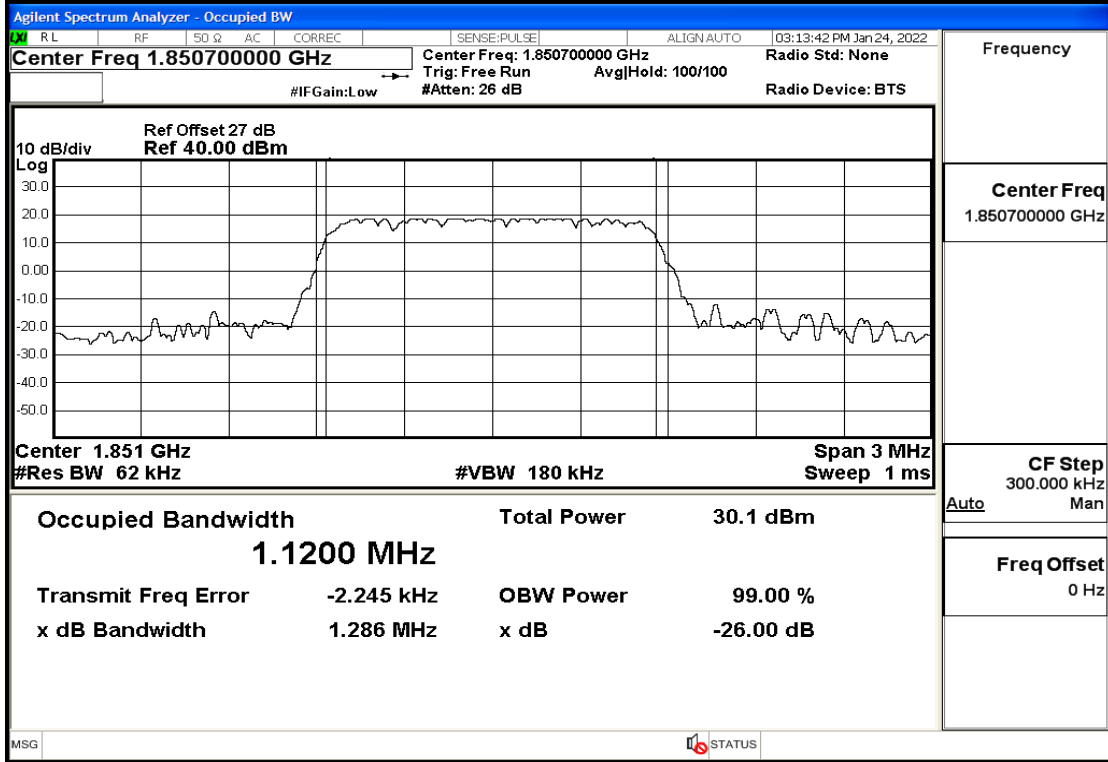
OB2-20-1900-Q16-100#LOW@13.6GHz-20GHz@Pass



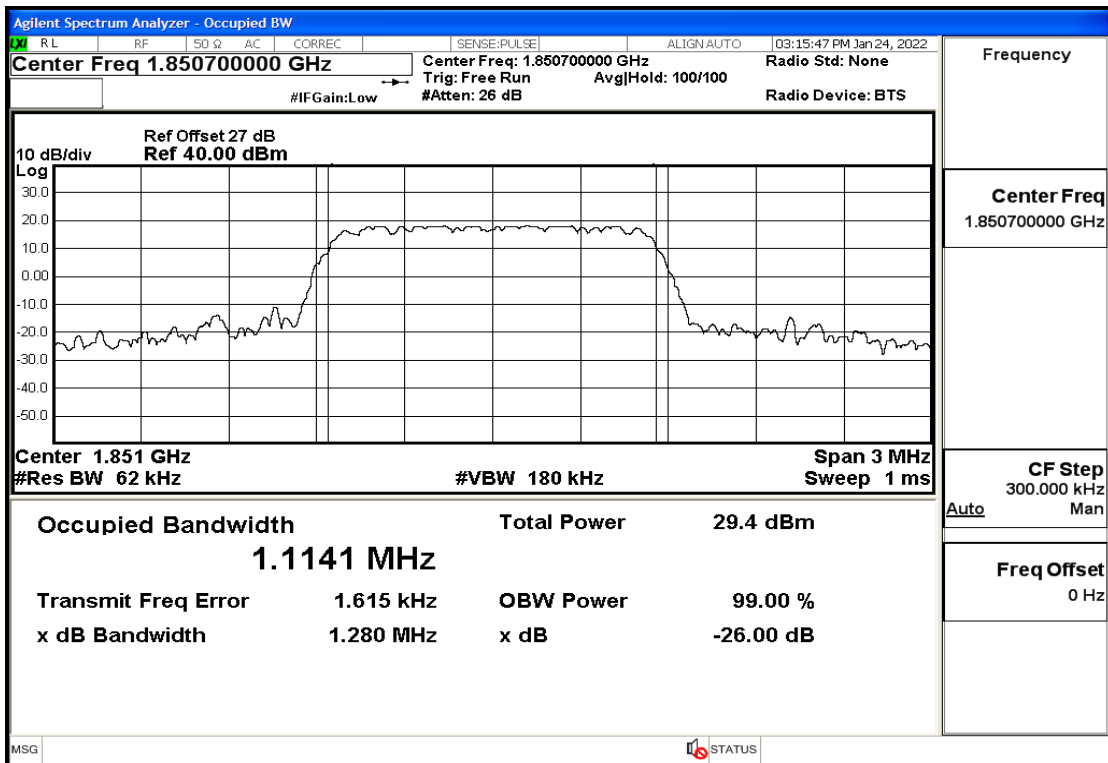
### Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band2	1.4	1850.7	QPSK	6	LOW	1120	1286	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1114.1	1280	No limit
Band2	1.4	1880	QPSK	6	LOW	1115.6	1286	No limit
Band2	1.4	1880	16QAM	6	LOW	1113.2	1282	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1122.5	1297	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1117.4	1285	No limit
Band2	3	1851.5	QPSK	15	LOW	2779.4	3105	No limit
Band2	3	1851.5	16QAM	15	LOW	2760.2	3091	No limit
Band2	3	1880	QPSK	15	LOW	2759.2	3114	No limit
Band2	3	1880	16QAM	15	LOW	2770.3	3132	No limit
Band2	3	1908.5	QPSK	15	LOW	2759.2	3107	No limit
Band2	3	1908.5	16QAM	15	LOW	2775.5	3143	No limit
Band2	5	1852.5	QPSK	25	LOW	4569.5	5082	No limit
Band2	5	1852.5	16QAM	25	LOW	4556.8	5028	No limit
Band2	5	1880	QPSK	25	LOW	4573.9	5097	No limit
Band2	5	1880	16QAM	25	LOW	4571.9	5037	No limit
Band2	5	1907.5	QPSK	25	LOW	4583.3	5060	No limit
Band2	5	1907.5	16QAM	25	LOW	4569.9	5091	No limit
Band2	10	1855	QPSK	50	LOW	9099.3	10110	No limit
Band2	10	1855	16QAM	50	LOW	9105.5	10070	No limit
Band2	10	1880	QPSK	50	LOW	9098.2	10020	No limit
Band2	10	1880	16QAM	50	LOW	9131.6	10100	No limit
Band2	10	1905	QPSK	50	LOW	9141.1	10060	No limit
Band2	10	1905	16QAM	50	LOW	9135.8	10170	No limit
Band2	15	1857.5	QPSK	75	LOW	13699	15070	No limit
Band2	15	1857.5	16QAM	75	LOW	13520	14530	No limit
Band2	15	1880	QPSK	75	LOW	13633	15260	No limit
Band2	15	1880	16QAM	75	LOW	13665	15120	No limit
Band2	15	1902.5	QPSK	75	LOW	13693	15350	No limit
Band2	15	1902.5	16QAM	75	LOW	13660	15090	No limit
Band2	20	1860	QPSK	100	LOW	18214	19960	No limit
Band2	20	1860	16QAM	100	LOW	18205	20330	No limit
Band2	20	1880	QPSK	100	LOW	18298	20080	No limit
Band2	20	1880	16QAM	100	LOW	18335	20070	No limit
Band2	20	1900	QPSK	100	LOW	18301	20240	No limit
Band2	20	1900	16QAM	100	LOW	18291	20200	No limit

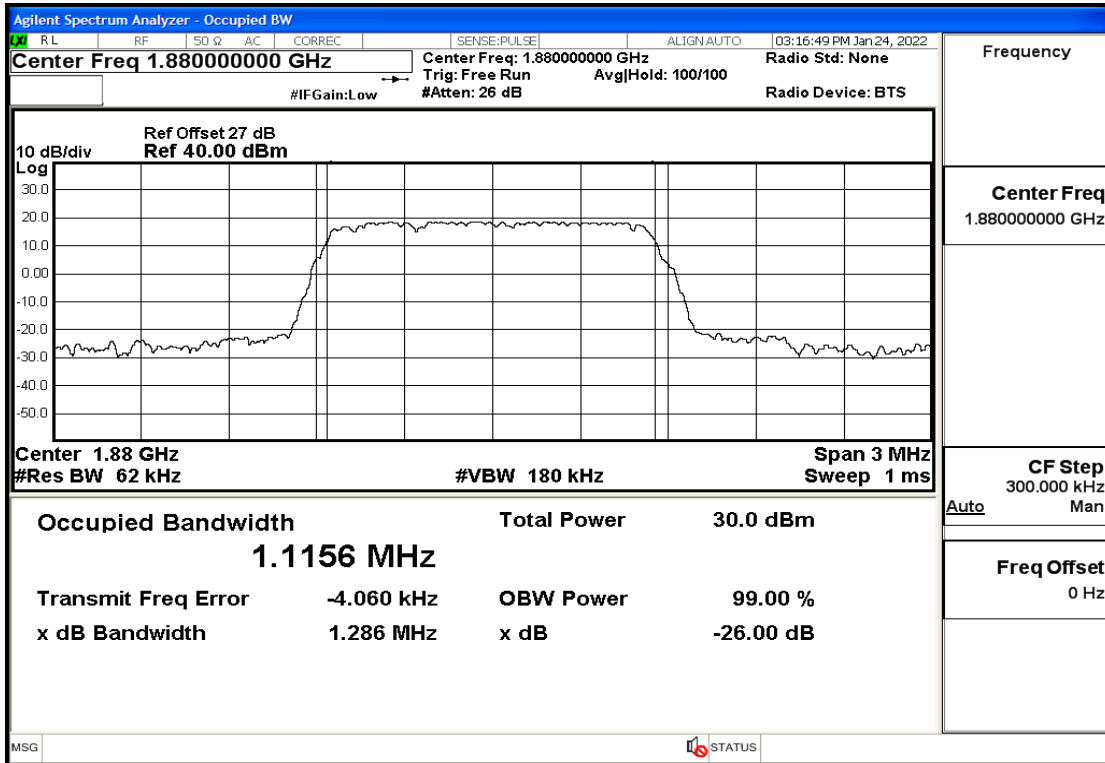
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



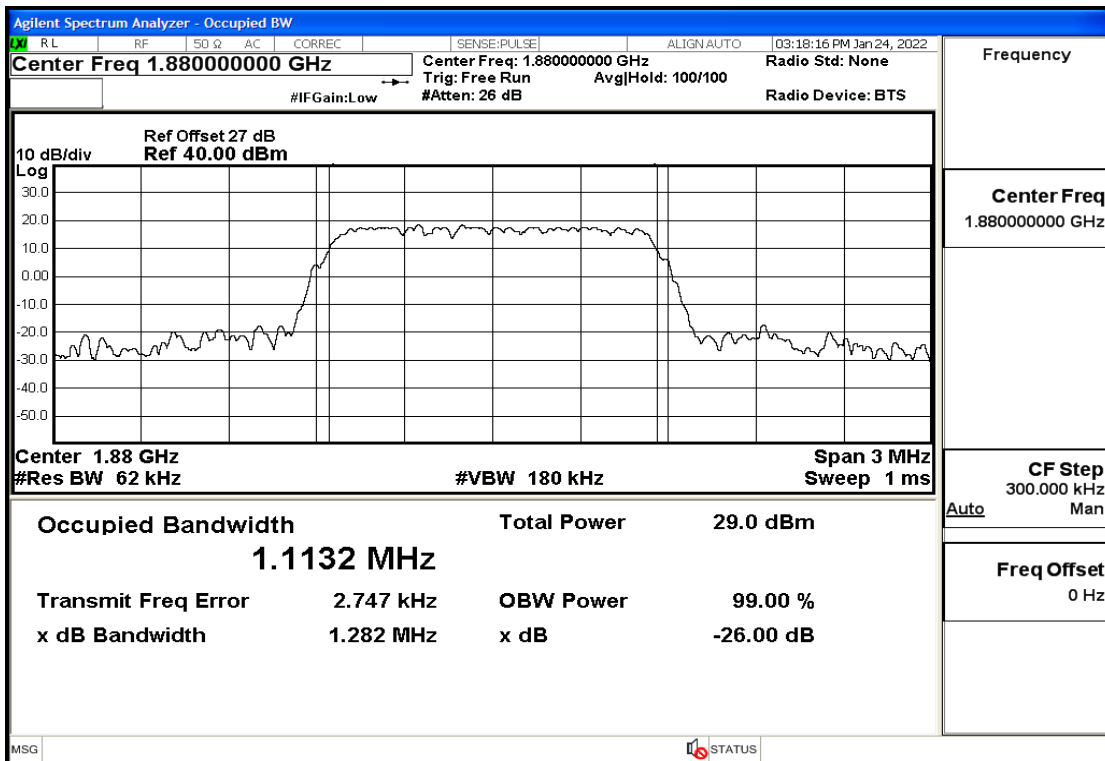
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



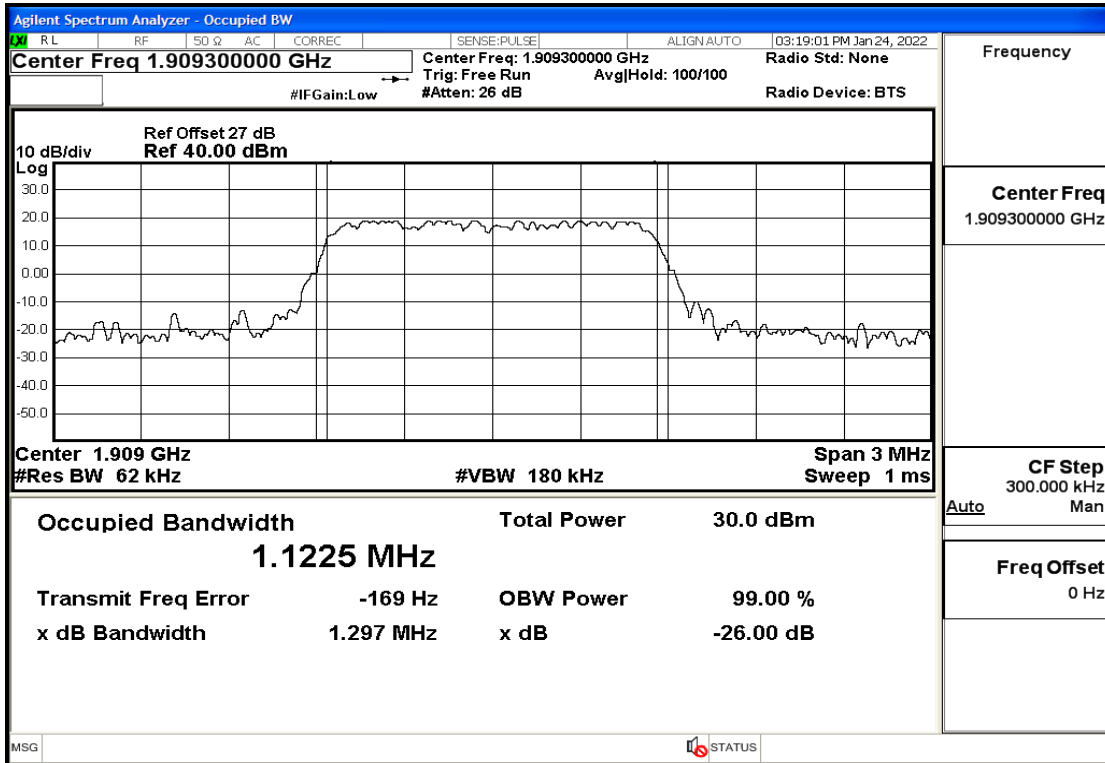
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



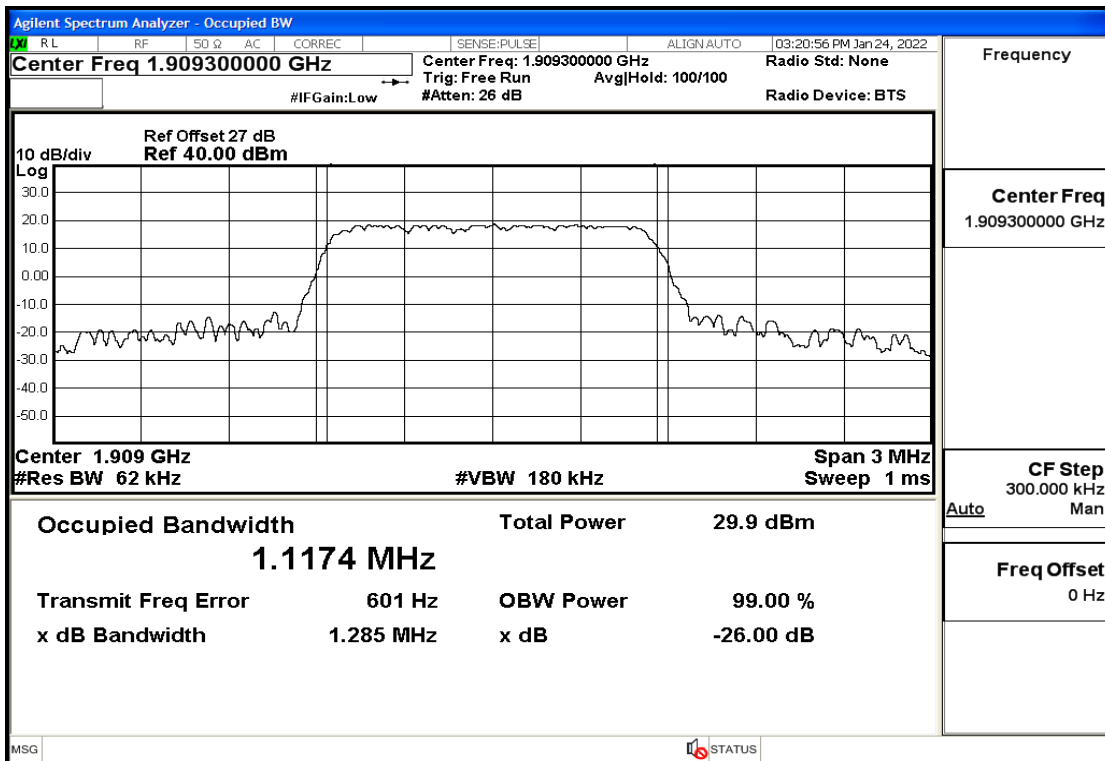
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



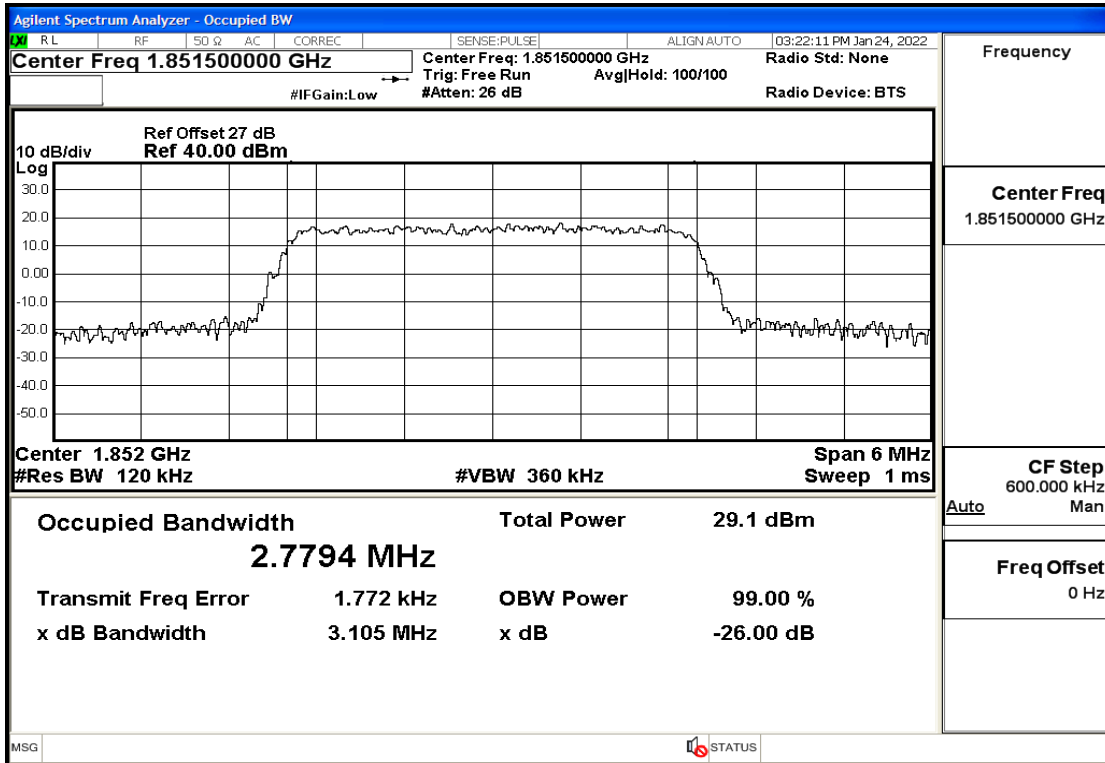
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



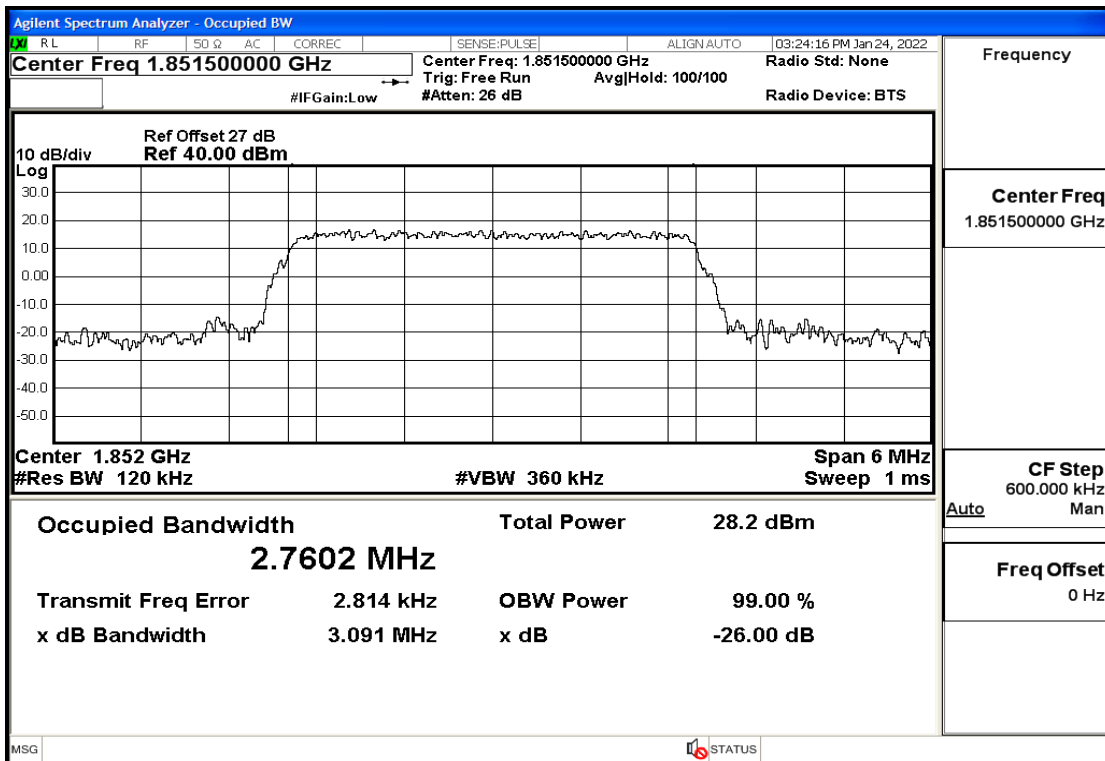
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



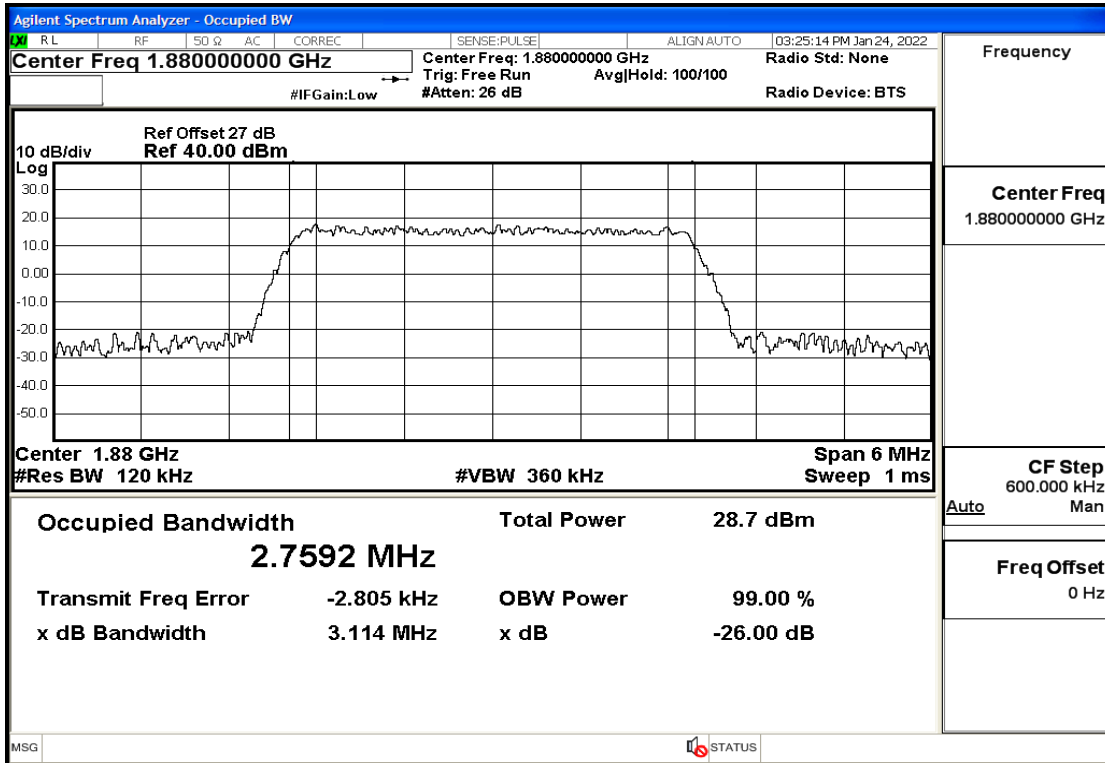
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



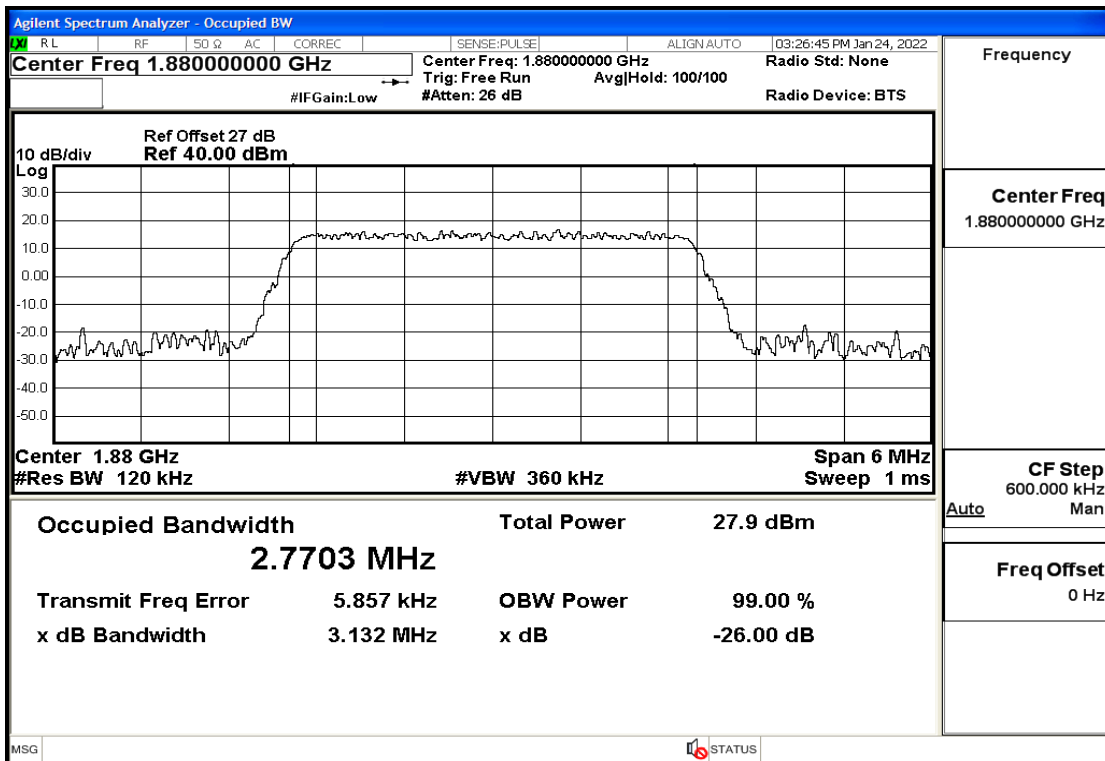
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



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

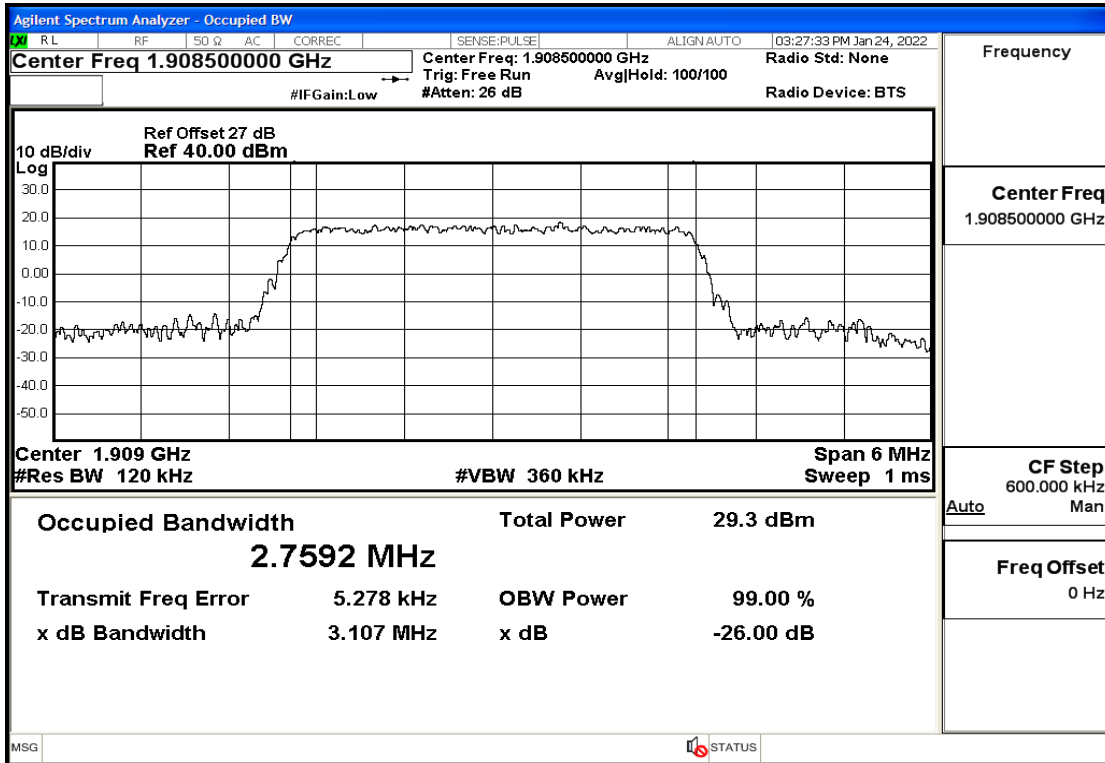


Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth

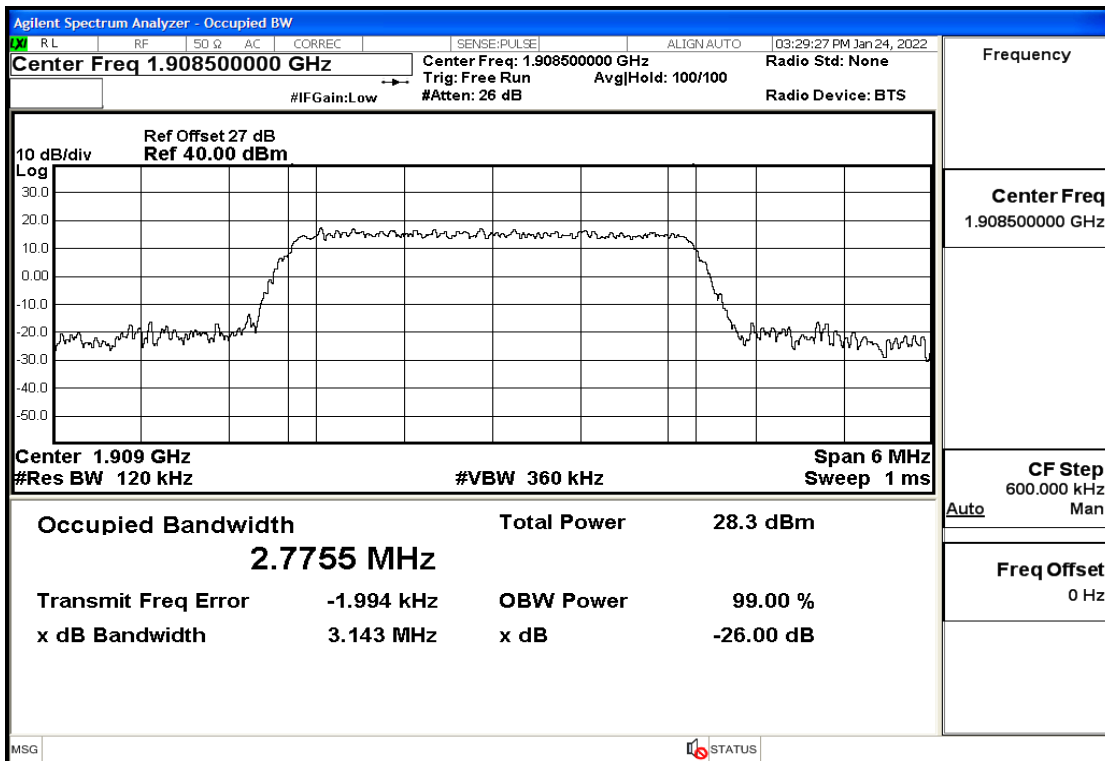




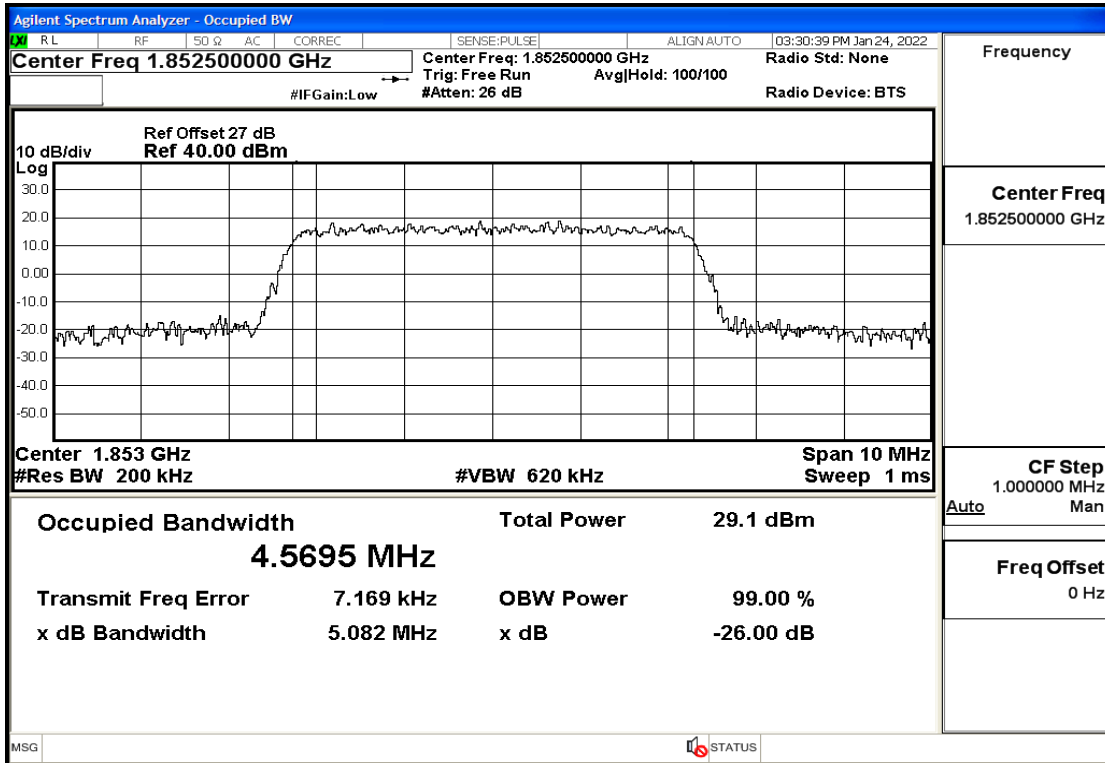
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



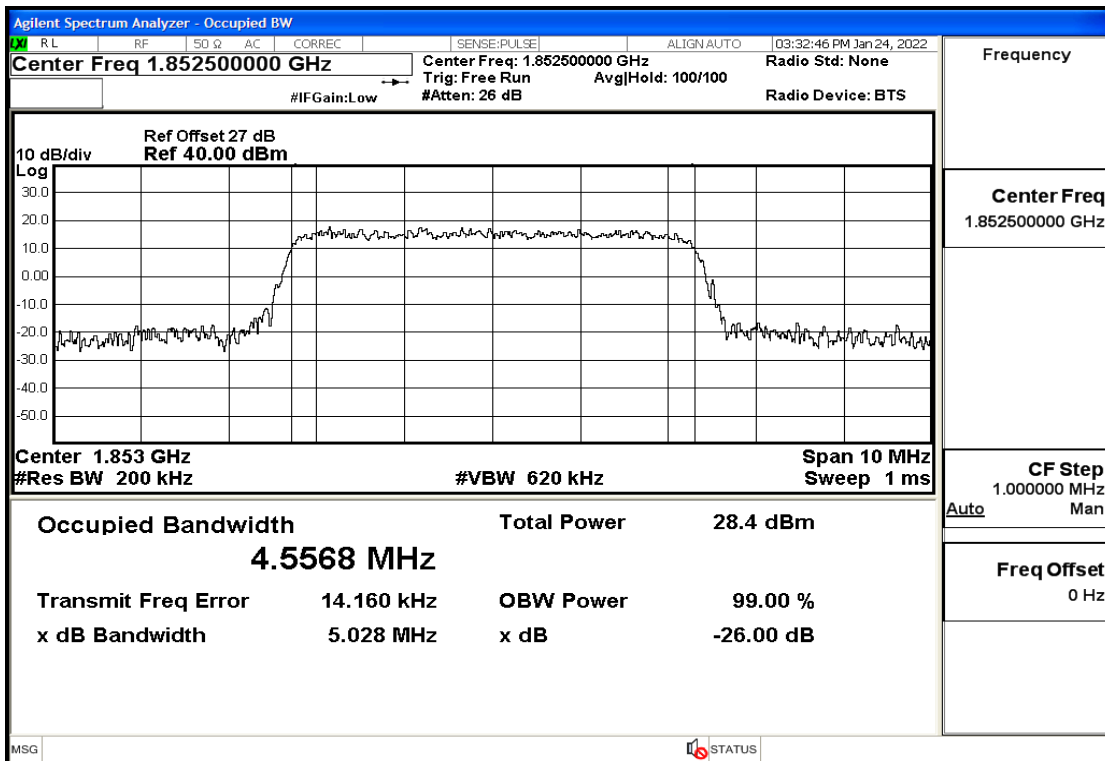
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



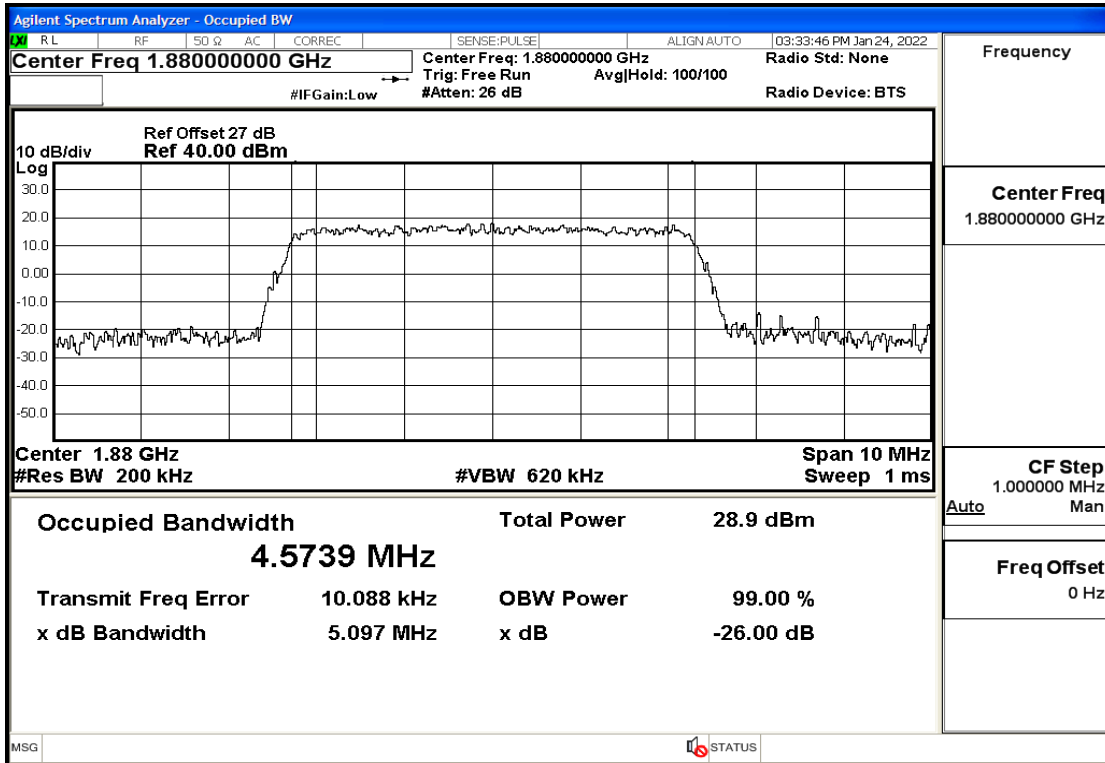
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



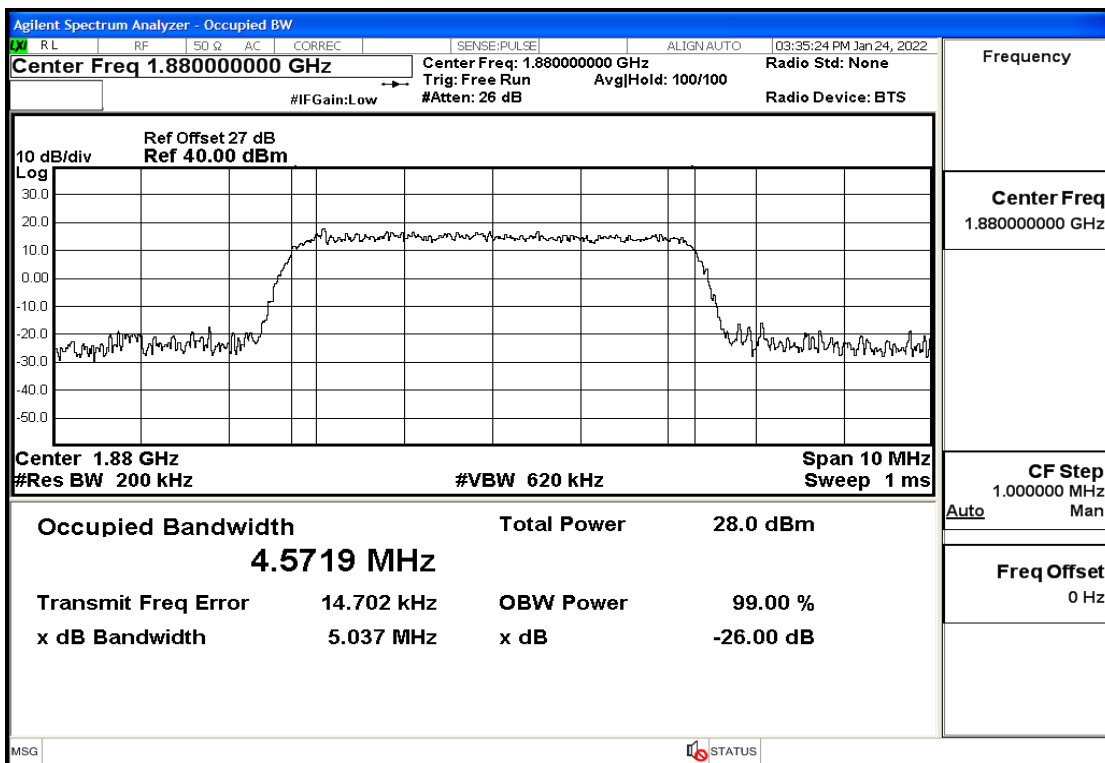
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



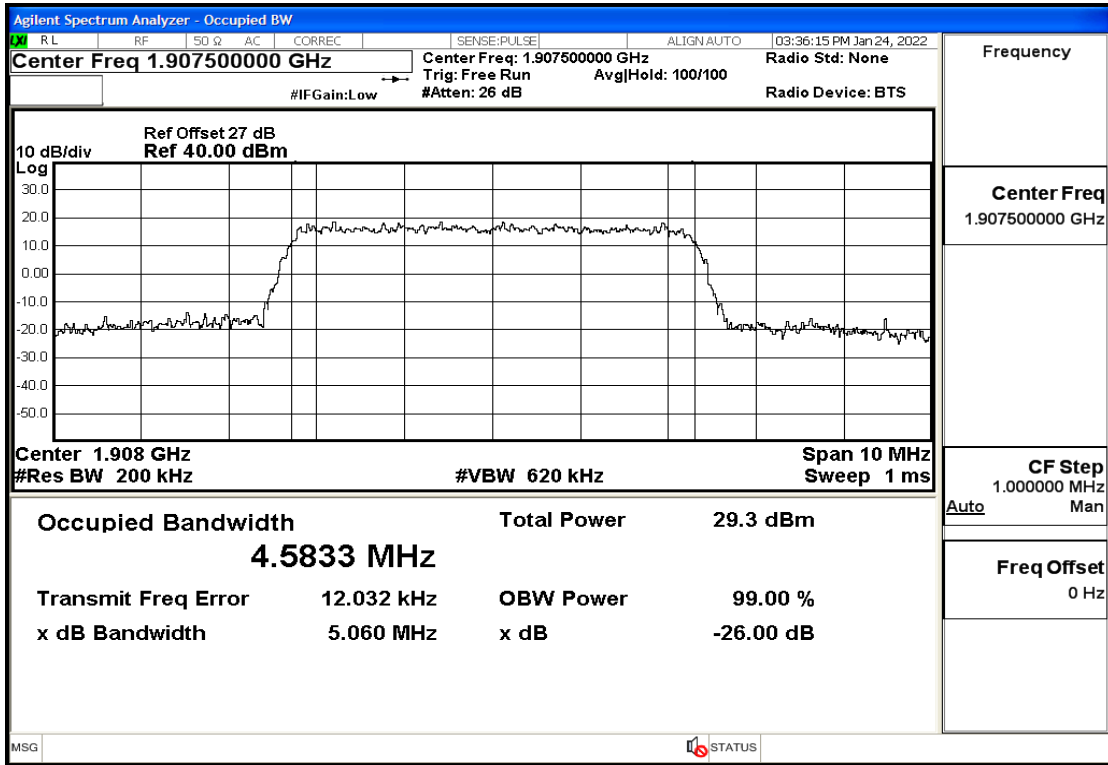
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



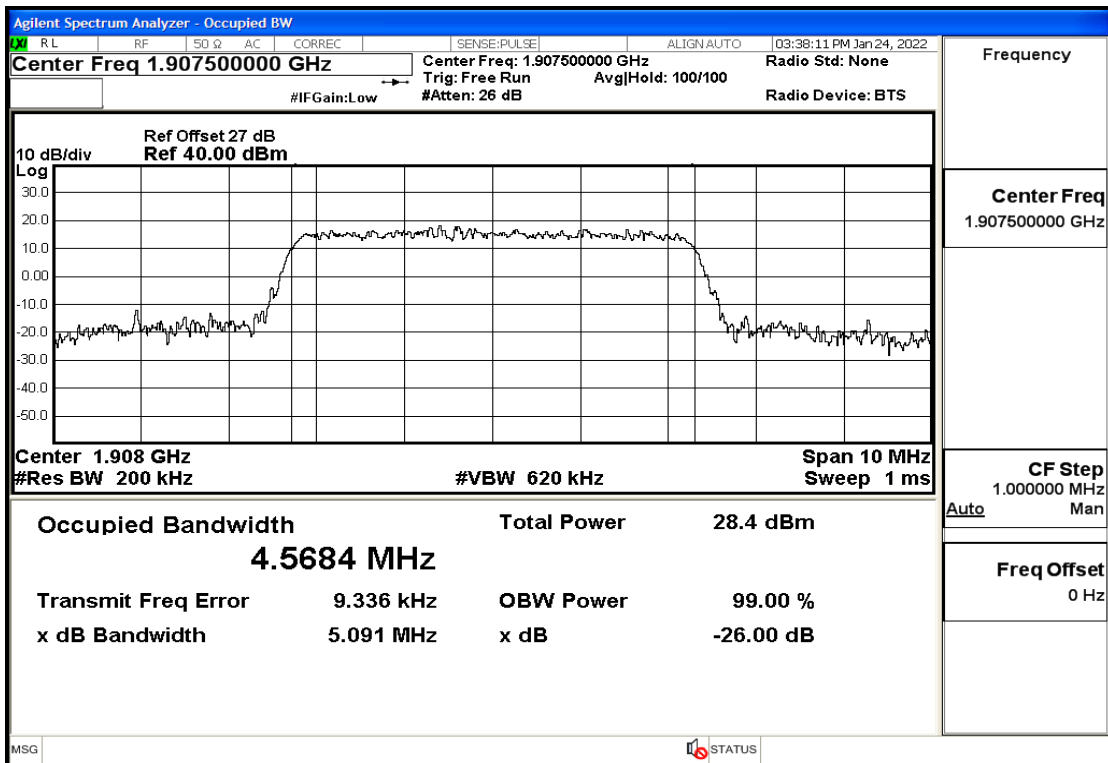
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



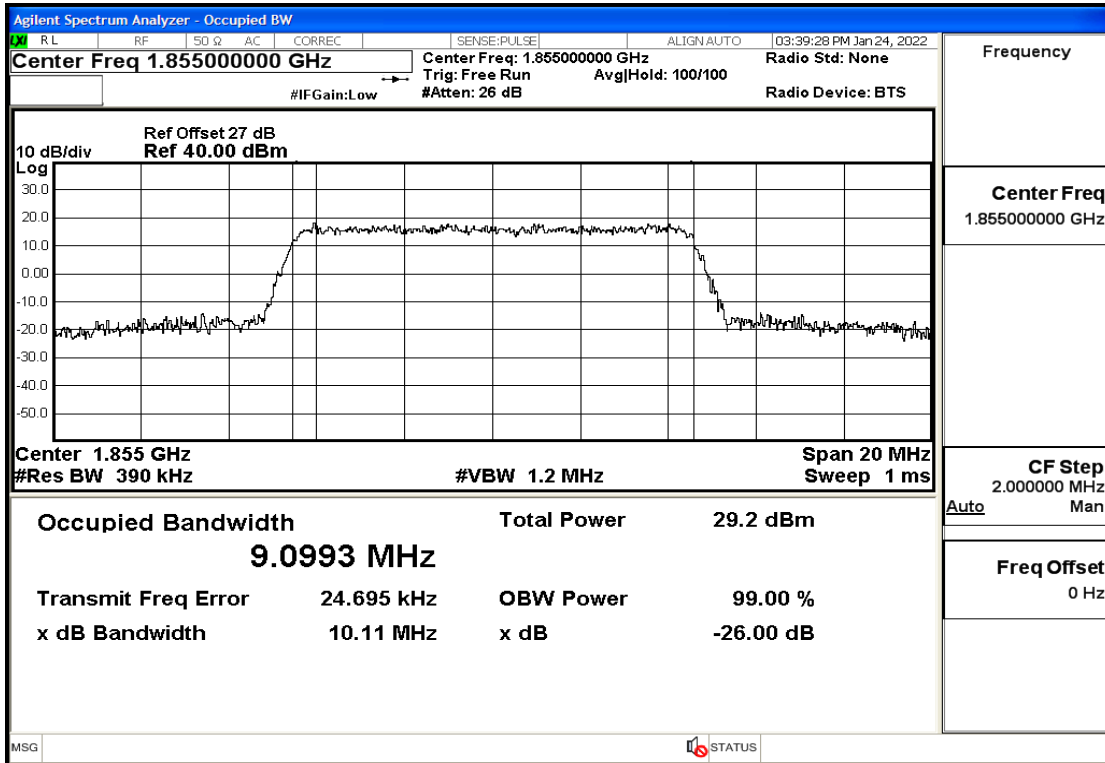
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



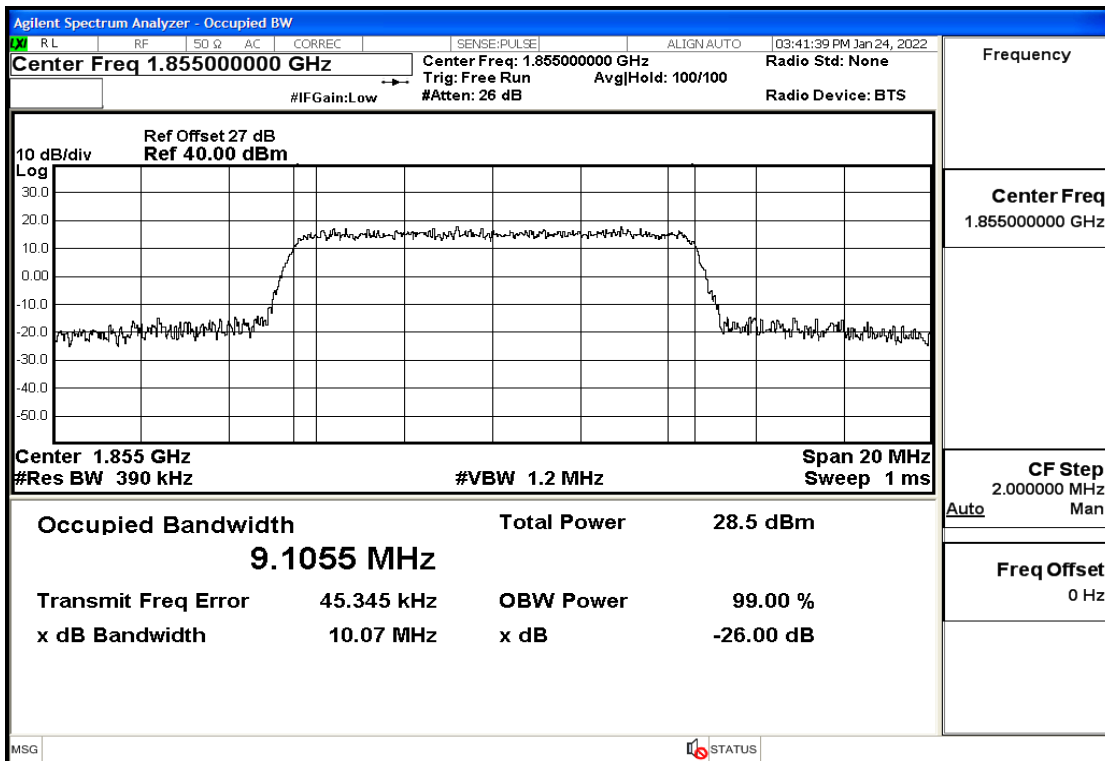
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



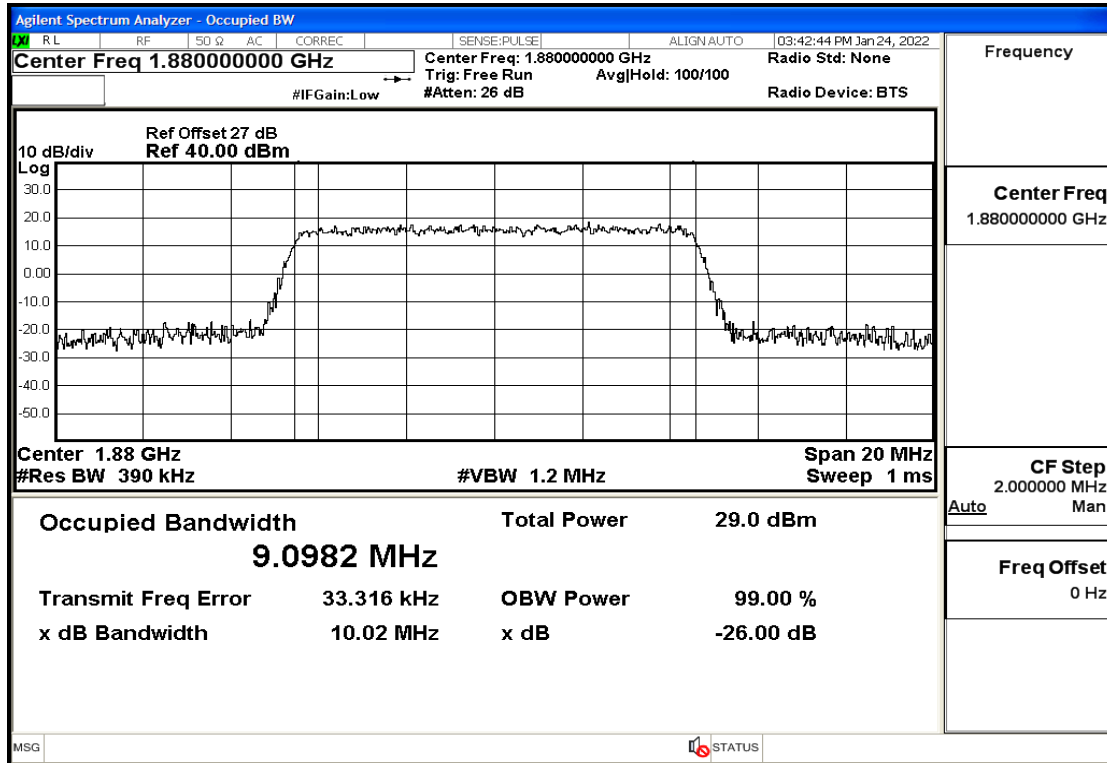
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



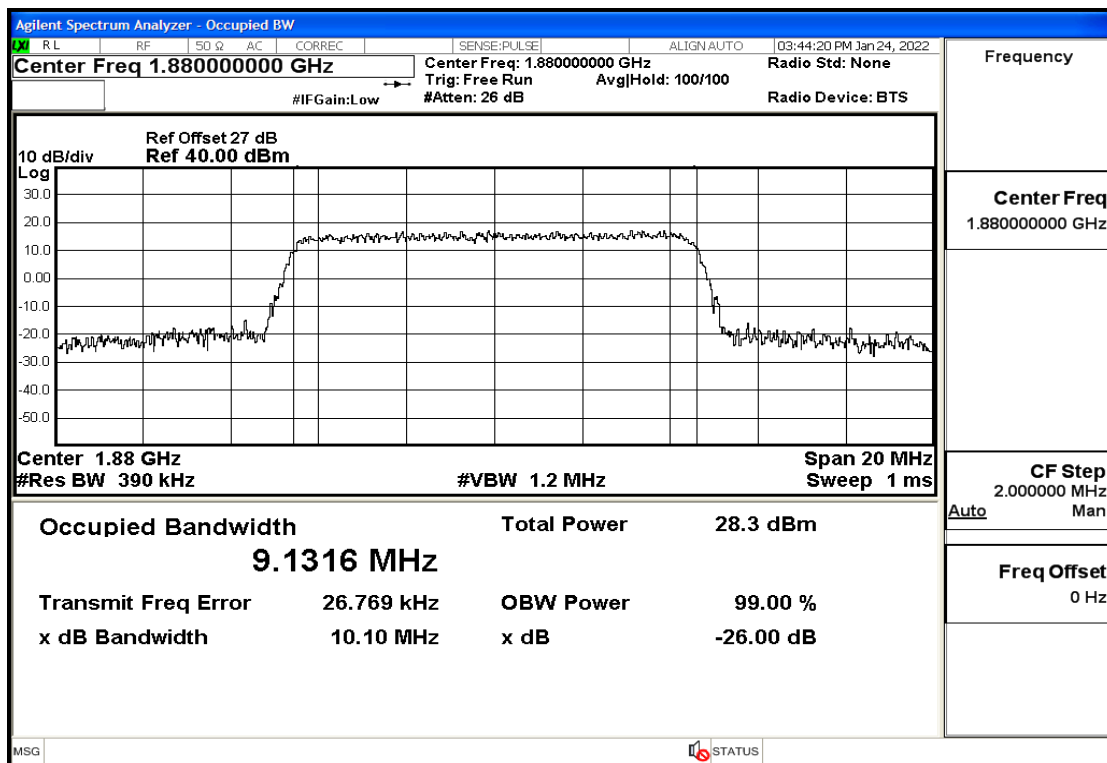
Band2-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



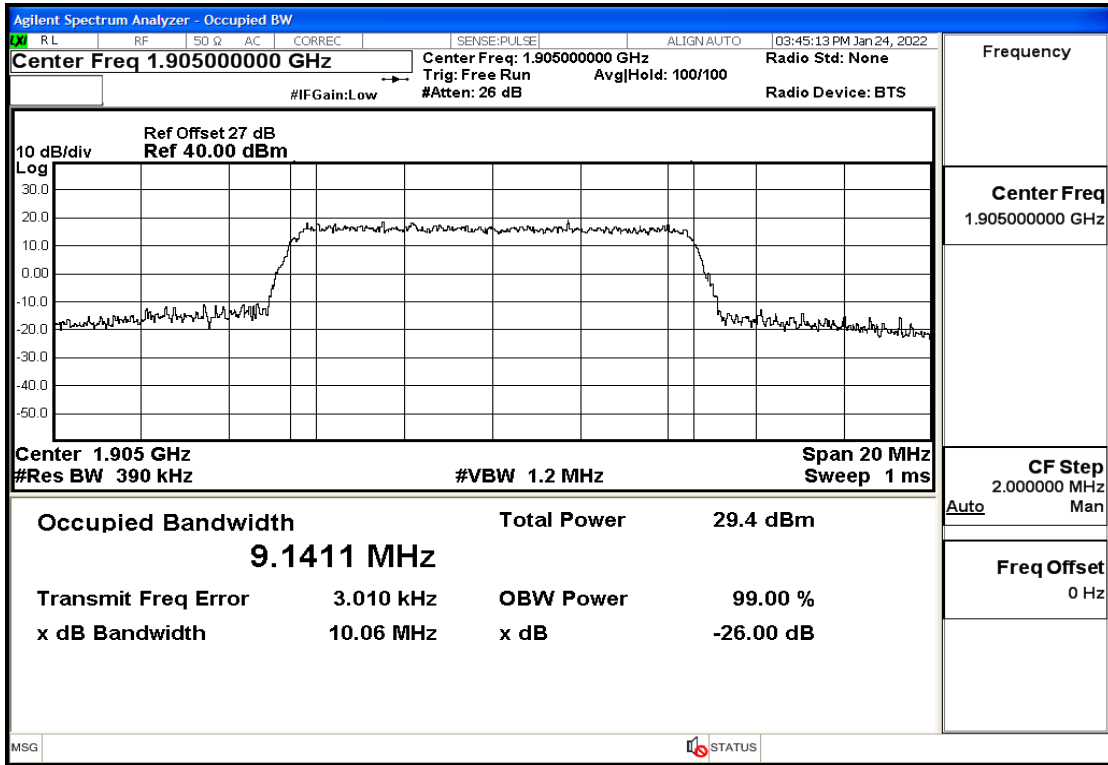
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



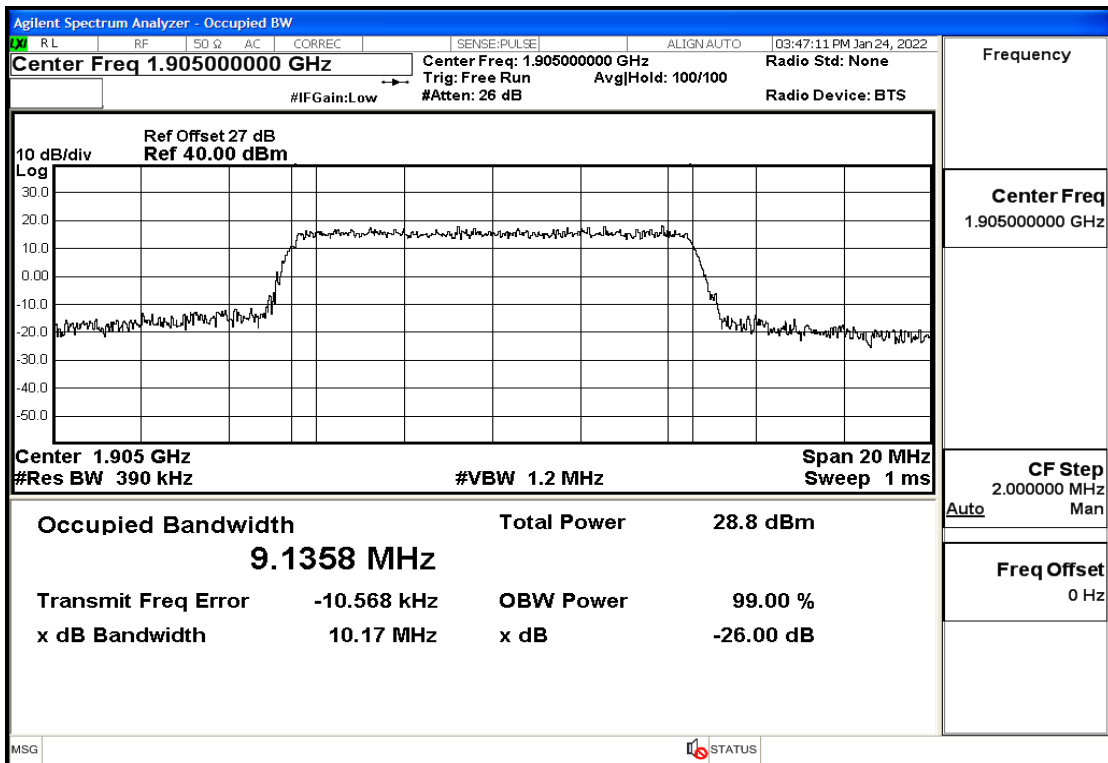
Band2-10-1880-16QAM-50#LOW@26dB and 99PCT Bandwidth



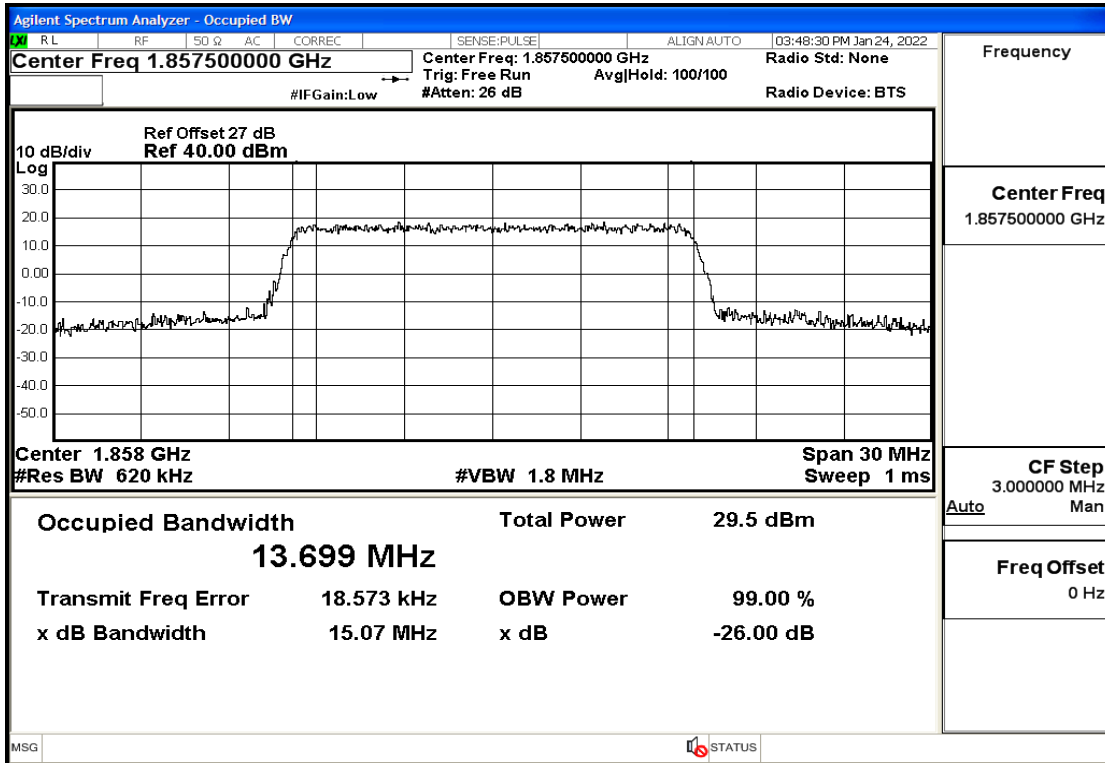
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



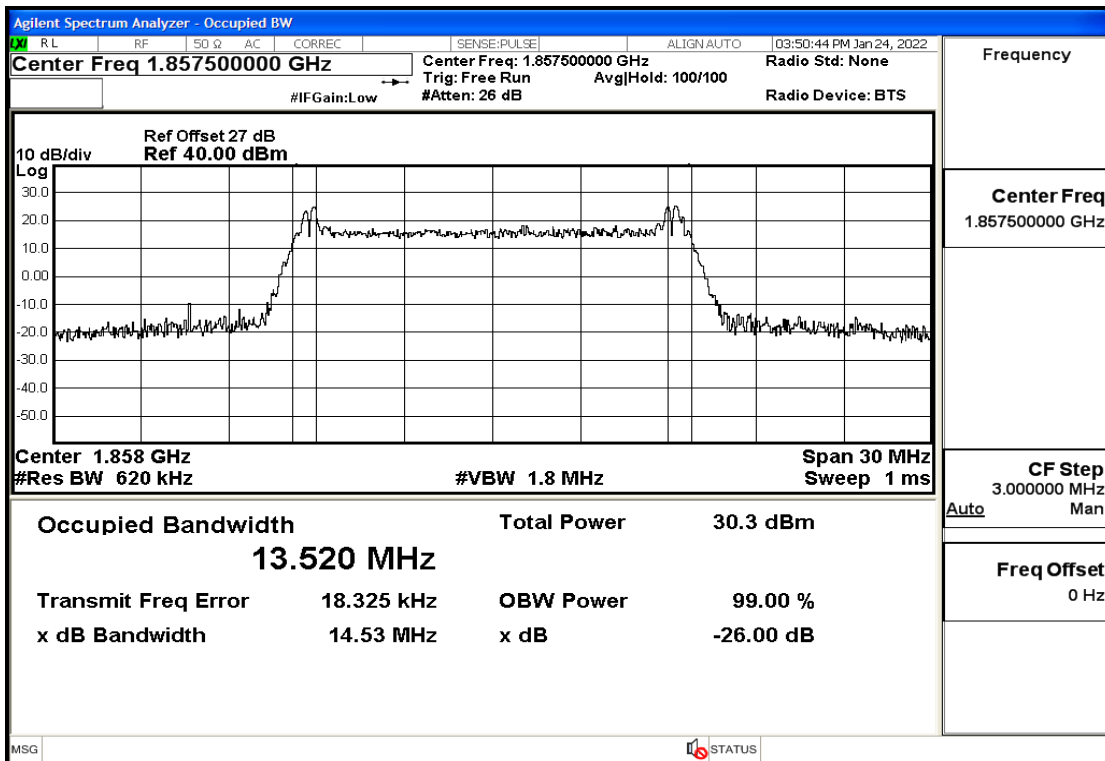
Band2-10-1905-16QAM-50#LOW@26dB and 99PCT Bandwidth



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

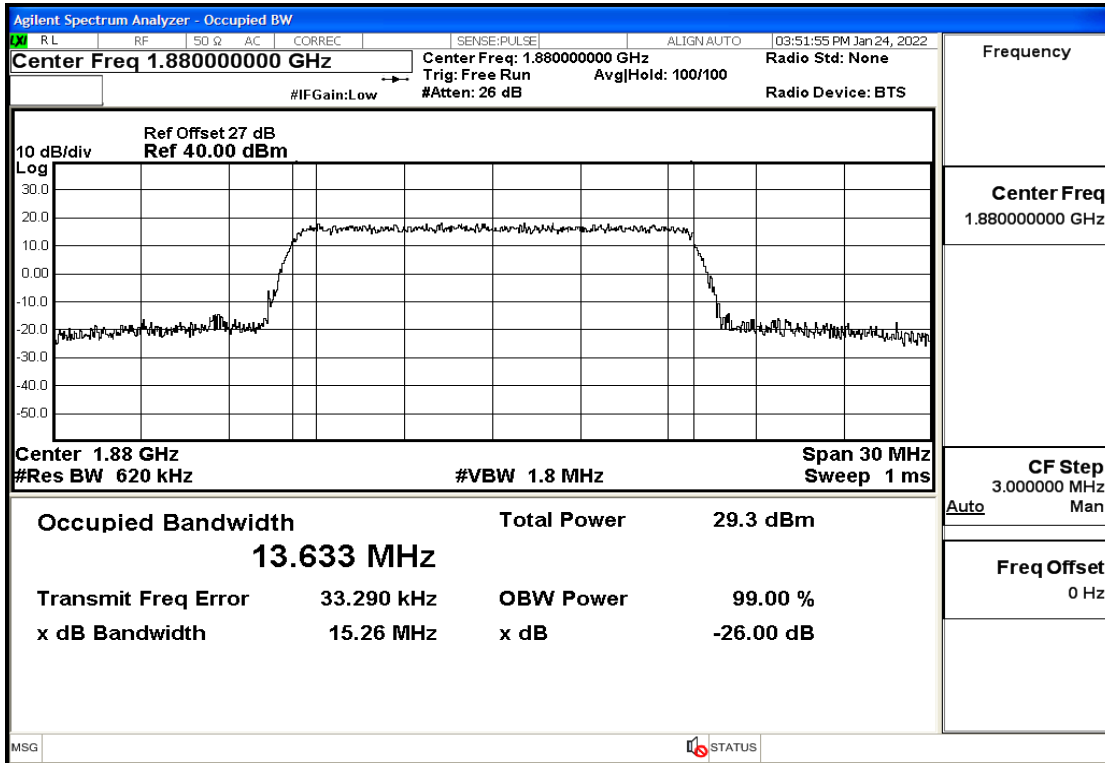


Band2-15-1857.5-16QAM-75#LOW@26dB and 99PCT Bandwidth

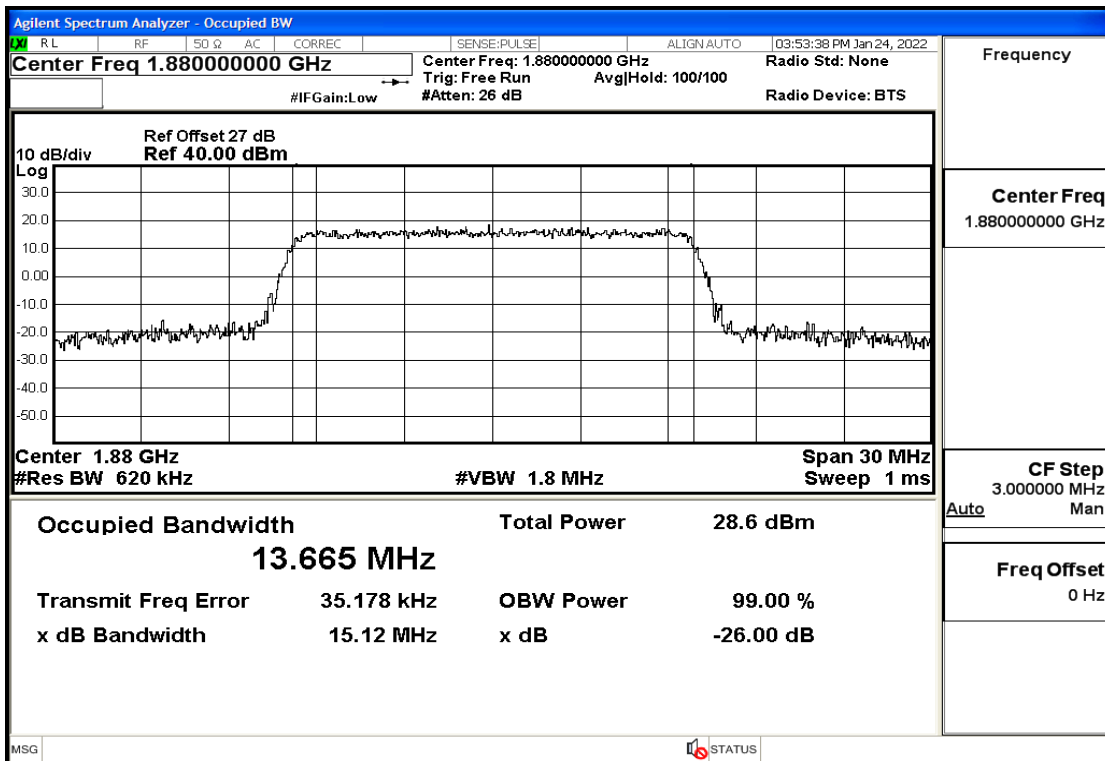




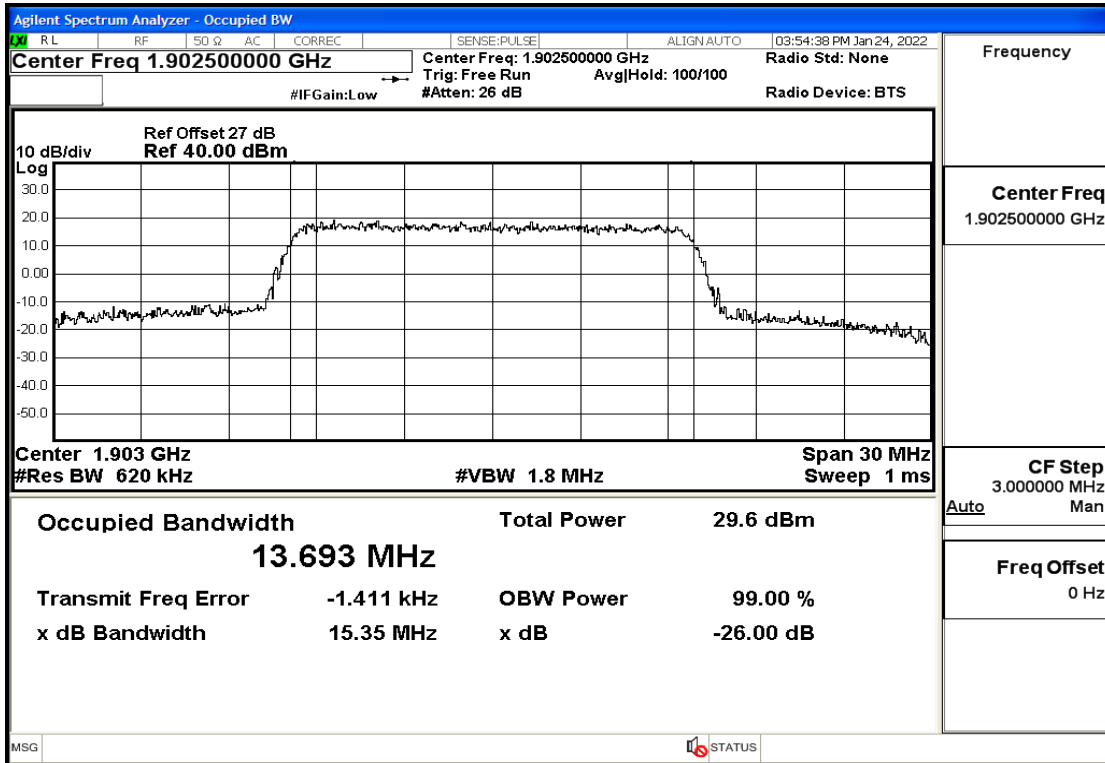
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



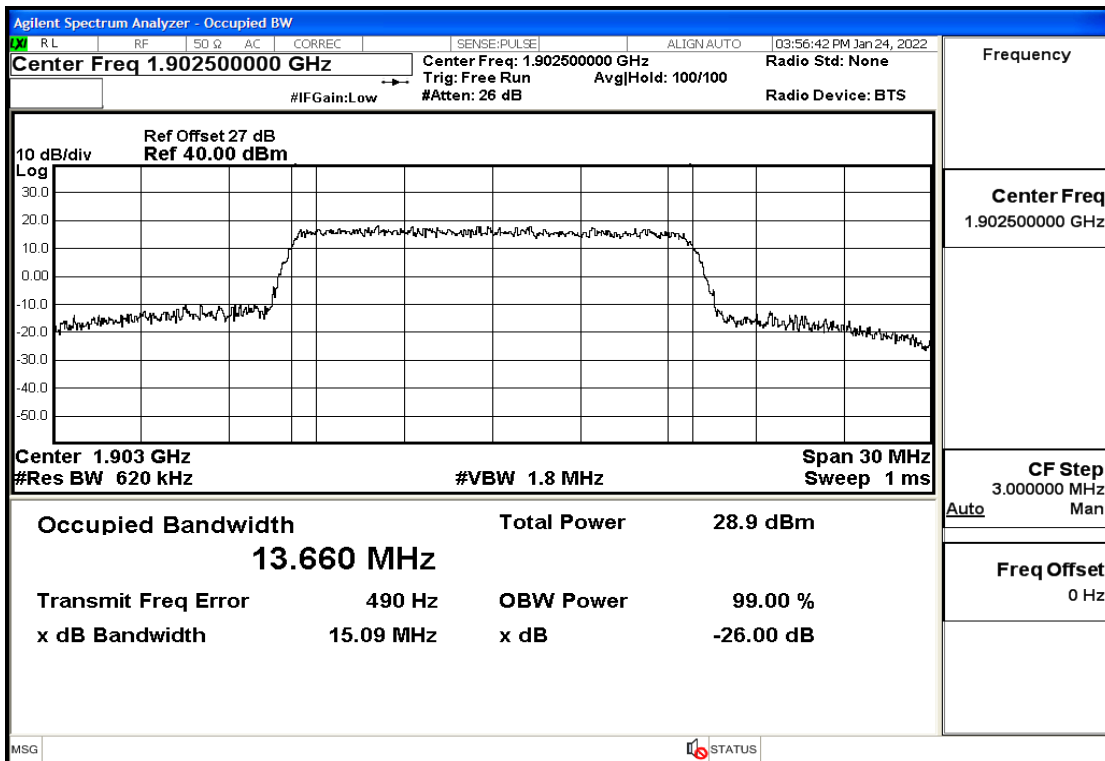
Band2-15-1880-16QAM-75#LOW@26dB and 99PCT Bandwidth



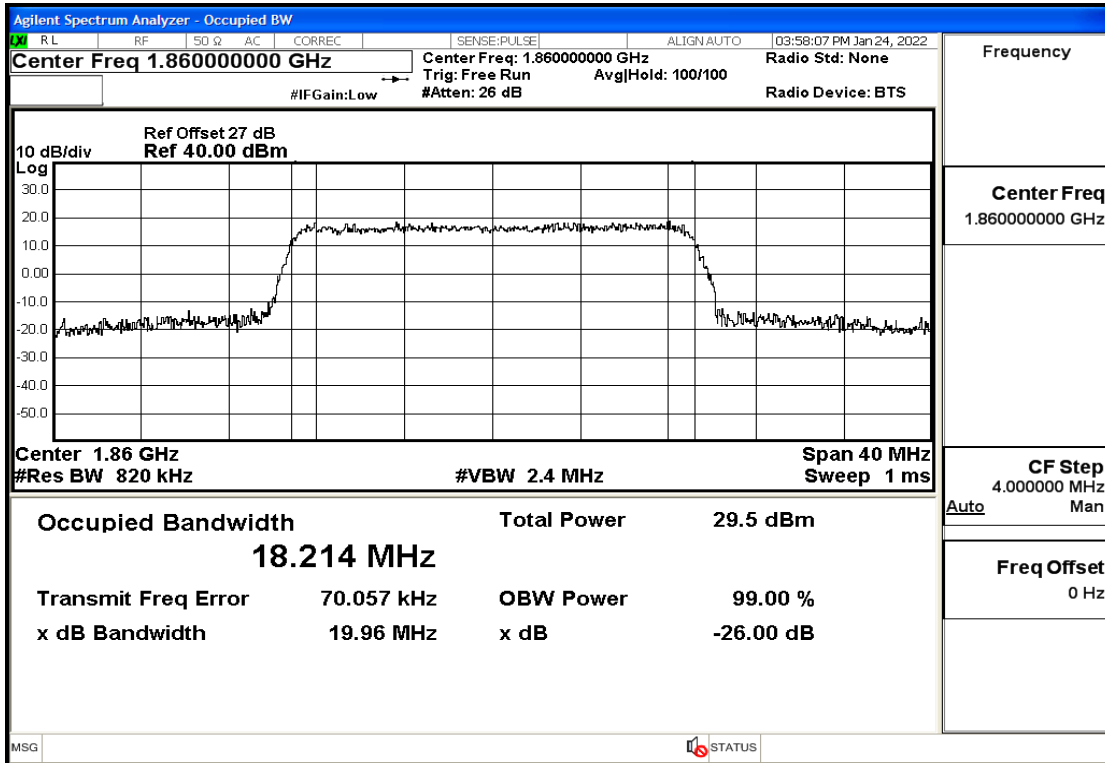
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



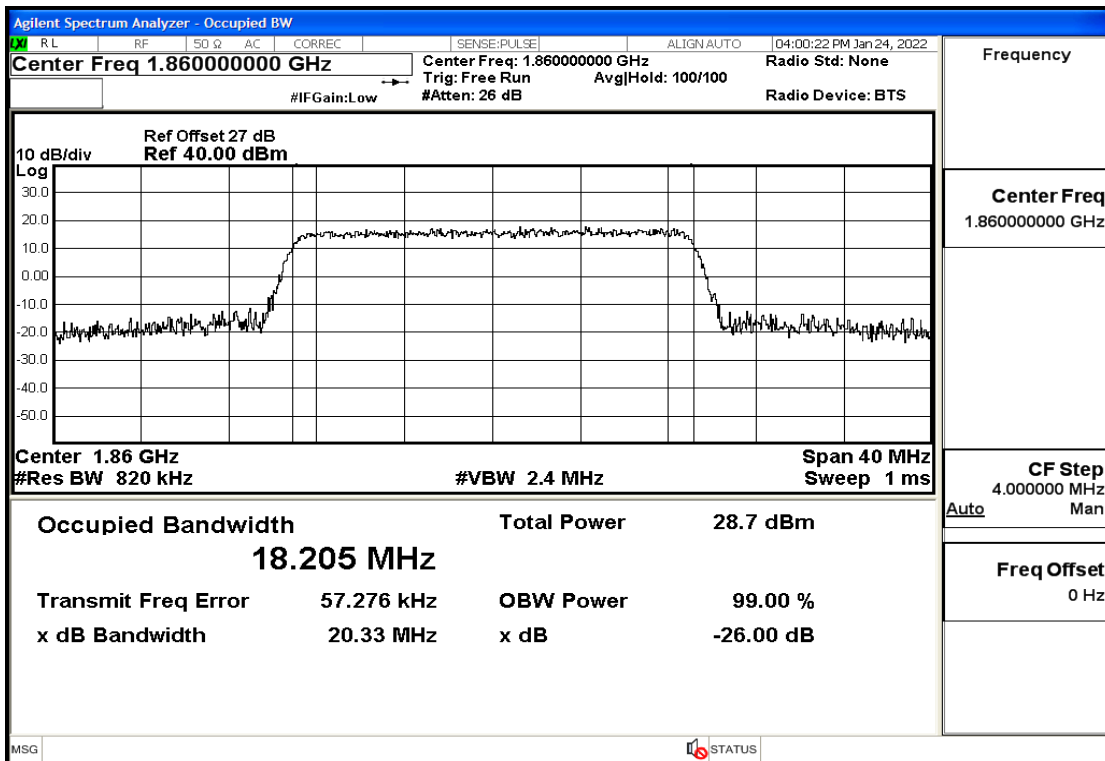
Band2-15-1902.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



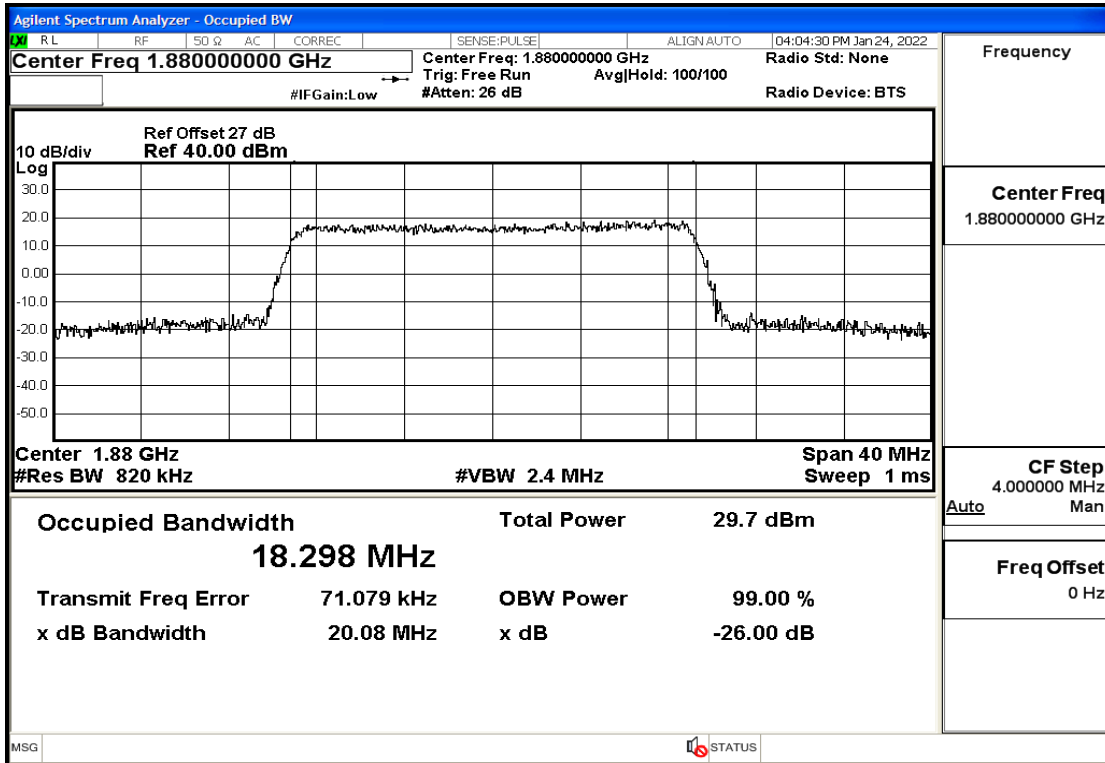
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



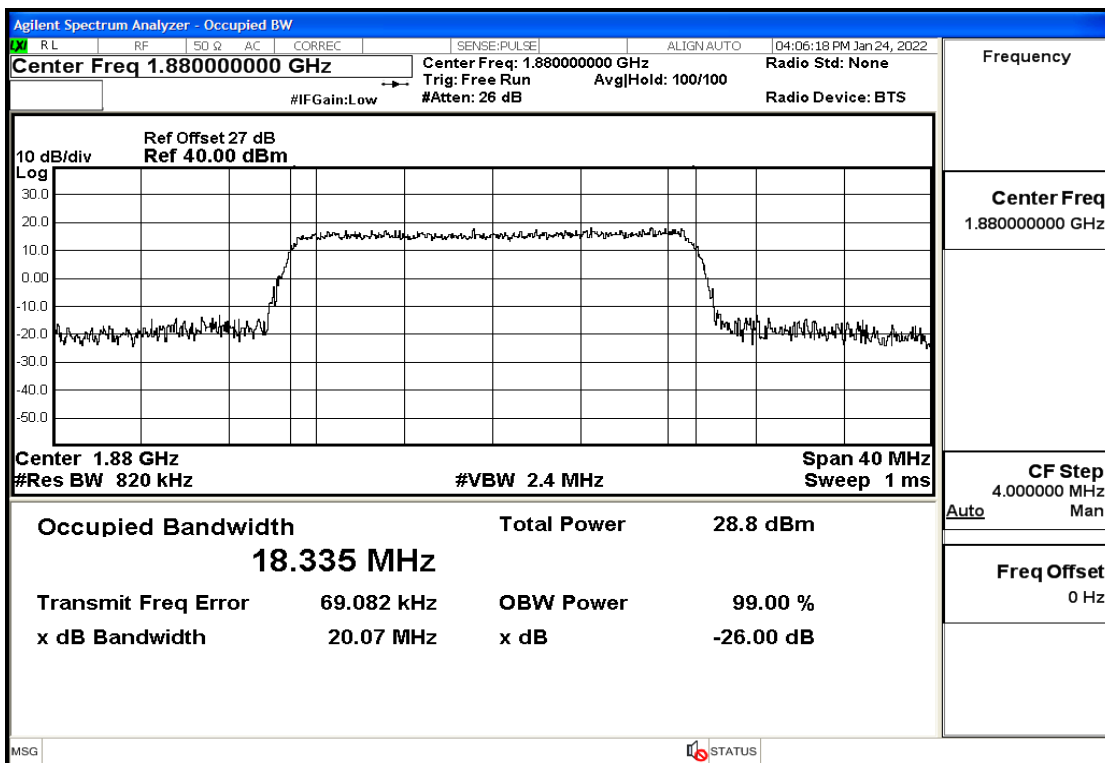
Band2-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth



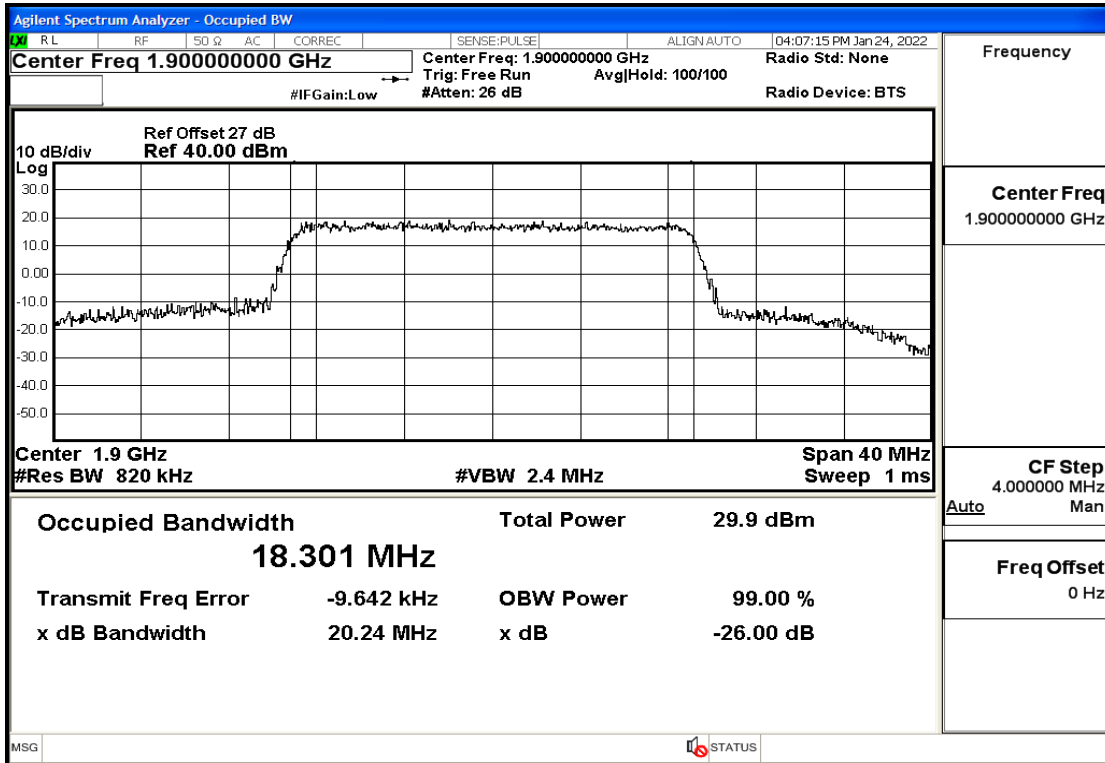
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



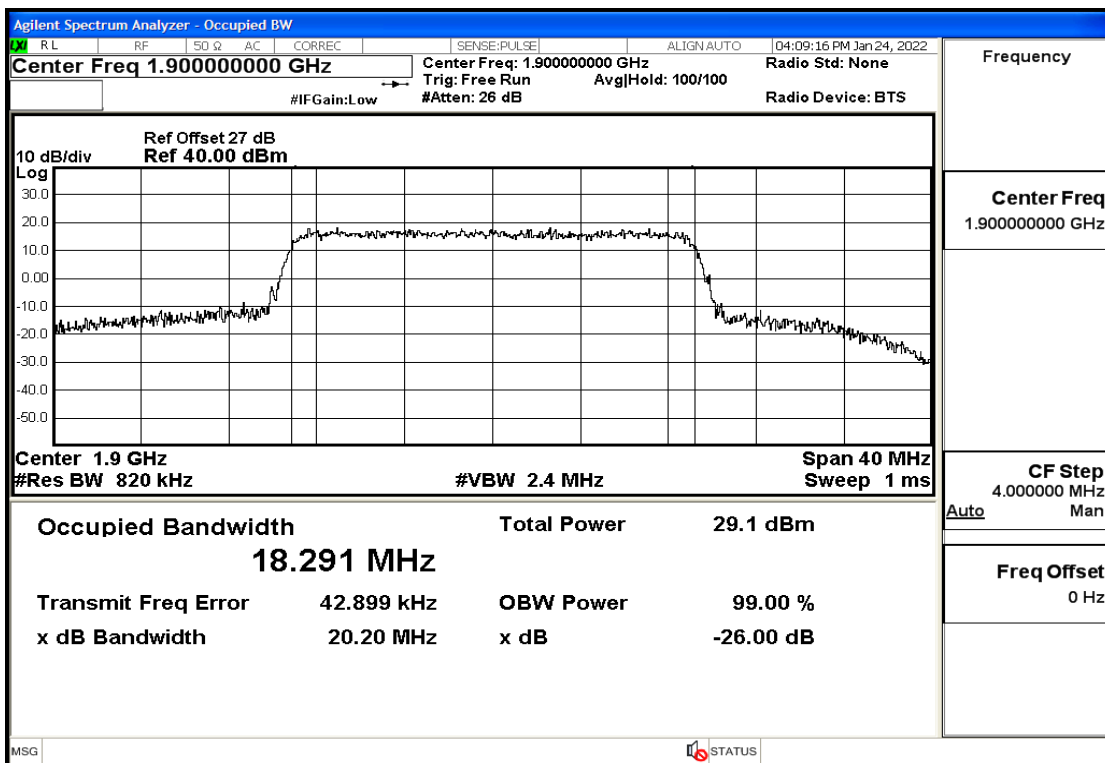
Band2-20-1880-16QAM-100#LOW@26dB and 99PCT Bandwidth



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	0.0648	PASS
40	Normal Voltage	0.0395	
30	Normal Voltage	0.0164	
20(Ref.)	Normal Voltage	0.0267	
10	Normal Voltage	0.0668	
0	Normal Voltage	0.0176	
-10	Normal Voltage	0.0470	
-20	Normal Voltage	0.0335	
-30	Normal Voltage	0.0166	
20	Maximum Voltage	0.0183	
20	Normal Voltage	0.0264	
20	Battery End Point	0.0620	

## 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	21.39	27.1	5.71	13	0.85	22.24	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	22.71	26.95	4.24	13	0.85	23.56	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	22.61	26.95	4.34	13	0.85	23.46	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	22.61	27.18	4.57	13	0.85	23.46	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	22.66	26.65	3.99	13	0.85	23.51	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	22.57	26.56	3.99	13	0.85	23.42	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	22.61	26.59	3.98	13	0.85	23.46	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	20.81	27.05	6.24	13	0.85	21.66	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	21.56	26.87	5.31	13	0.85	22.41	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	21.56	26.87	5.31	13	0.85	22.41	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	21.56	26.89	5.33	13	0.85	22.41	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	22.29	26.55	4.26	13	0.85	23.14	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	22.24	26.28	4.04	13	0.85	23.09	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	22.3	26.33	4.03	13	0.85	23.15	33	Pass
Band2	1.4	1880	QPSK	6	LOW	21.17	26.87	5.7	13	0.85	22.02	33	Pass
Band2	1.4	1880	QPSK	3	LOW	22.25	27.3	5.05	13	0.85	23.1	33	Pass
Band2	1.4	1880	QPSK	3	MID	22.39	27.33	4.94	13	0.85	23.24	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	22.42	27.35	4.93	13	0.85	23.27	33	Pass
Band2	1.4	1880	QPSK	1	LOW	22.26	26.8	4.54	13	0.85	23.11	33	Pass
Band2	1.4	1880	QPSK	1	MID	22.18	26.79	4.61	13	0.85	23.03	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	22.28	26.87	4.59	13	0.85	23.13	33	Pass
Band2	1.4	1880	16QAM	6	LOW	20.52	26.98	6.46	13	0.85	21.37	33	Pass
Band2	1.4	1880	16QAM	3	LOW	21.21	27.14	5.93	13	0.85	22.06	33	Pass
Band2	1.4	1880	16QAM	3	MID	21.21	27.15	5.94	13	0.85	22.06	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	21.08	27.13	6.05	13	0.85	21.93	33	Pass
Band2	1.4	1880	16QAM	1	LOW	21.13	26.09	4.96	13	0.85	21.98	33	Pass
Band2	1.4	1880	16QAM	1	MID	21.12	26.12	5	13	0.85	21.97	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	20.96	26.03	5.07	13	0.85	21.81	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	21.58	27.45	5.87	13	0.85	22.43	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	22.63	27.14	4.51	13	0.85	23.48	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	22.62	27.19	4.57	13	0.85	23.47	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	22.64	26.99	4.35	13	0.85	23.49	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	22.55	26.71	4.16	13	0.85	23.4	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	22.62	26.69	4.07	13	0.85	23.47	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	22.6	26.7	4.1	13	0.85	23.45	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	21.05	27.03	5.98	13	0.85	21.9	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	21.78	26.83	5.05	13	0.85	22.63	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	21.89	26.88	4.99	13	0.85	22.74	33	Pass
Band2	1.4	1909.3	16QAM	3	HIGH	21.82	27.04	5.22	13	0.85	22.67	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	22.48	26.76	4.28	13	0.85	23.33	33	Pass

Band2	1.4	1909.3	16QAM	1	MID	22.46	26.72	4.26	13	0.85	23.31	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	22.46	26.72	4.26	13	0.85	23.31	33	Pass
Band2	3	1851.5	QPSK	15	LOW	21.5	27.01	5.51	13	0.85	22.35	33	Pass
Band2	3	1851.5	QPSK	8	LOW	21.55	26.7	5.15	13	0.85	22.4	33	Pass
Band2	3	1851.5	QPSK	8	MID	21.55	26.67	5.12	13	0.85	22.4	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	21.34	26.73	5.39	13	0.85	22.19	33	Pass
Band2	3	1851.5	QPSK	1	LOW	22.48	26.48	4	13	0.85	23.33	33	Pass
Band2	3	1851.5	QPSK	1	MID	22.47	26.42	3.95	13	0.85	23.32	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	22.33	26.33	4	13	0.85	23.18	33	Pass
Band2	3	1851.5	16QAM	15	LOW	20.75	26.95	6.2	13	0.85	21.6	33	Pass
Band2	3	1851.5	16QAM	8	LOW	20.83	26.84	6.01	13	0.85	21.68	33	Pass
Band2	3	1851.5	16QAM	8	MID	20.83	26.71	5.88	13	0.85	21.68	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	20.61	26.74	6.13	13	0.85	21.46	33	Pass
Band2	3	1851.5	16QAM	1	LOW	21.78	26.65	4.87	13	0.85	22.63	33	Pass
Band2	3	1851.5	16QAM	1	MID	21.83	26.64	4.81	13	0.85	22.68	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	21.69	26.62	4.93	13	0.85	22.54	33	Pass
Band2	3	1880	QPSK	15	LOW	21.27	27.26	5.99	13	0.85	22.12	33	Pass
Band2	3	1880	QPSK	8	LOW	21.23	27.01	5.78	13	0.85	22.08	33	Pass
Band2	3	1880	QPSK	8	MID	21.23	26.96	5.73	13	0.85	22.08	33	Pass
Band2	3	1880	QPSK	8	HIGH	21.25	26.92	5.67	13	0.85	22.1	33	Pass
Band2	3	1880	QPSK	1	LOW	22.31	26.87	4.56	13	0.85	23.16	33	Pass
Band2	3	1880	QPSK	1	MID	22.28	26.89	4.61	13	0.85	23.13	33	Pass
Band2	3	1880	QPSK	1	HIGH	22.35	26.98	4.63	13	0.85	23.2	33	Pass
Band2	3	1880	16QAM	15	LOW	20.45	27.24	6.79	13	0.85	21.3	33	Pass
Band2	3	1880	16QAM	8	LOW	20.41	26.83	6.42	13	0.85	21.26	33	Pass
Band2	3	1880	16QAM	8	MID	20.41	26.54	6.13	13	0.85	21.26	33	Pass
Band2	3	1880	16QAM	8	HIGH	20.33	26.48	6.15	13	0.85	21.18	33	Pass
Band2	3	1880	16QAM	1	LOW	21.97	26.56	4.59	13	0.85	22.82	33	Pass
Band2	3	1880	16QAM	1	MID	21.96	26.55	4.59	13	0.85	22.81	33	Pass
Band2	3	1880	16QAM	1	HIGH	21.88	26.53	4.65	13	0.85	22.73	33	Pass
Band2	3	1908.5	QPSK	15	LOW	21.65	27.88	6.23	13	0.85	22.5	33	Pass
Band2	3	1908.5	QPSK	8	LOW	21.59	27.01	5.42	13	0.85	22.44	33	Pass
Band2	3	1908.5	QPSK	8	MID	21.6	27.02	5.42	13	0.85	22.45	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	21.58	26.84	5.26	13	0.85	22.43	33	Pass
Band2	3	1908.5	QPSK	1	LOW	22.44	26.47	4.03	13	0.85	23.29	33	Pass
Band2	3	1908.5	QPSK	1	MID	22.53	26.61	4.08	13	0.85	23.38	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	22.58	26.53	3.95	13	0.85	23.43	33	Pass
Band2	3	1908.5	16QAM	15	LOW	20.82	27.07	6.25	13	0.85	21.67	33	Pass
Band2	3	1908.5	16QAM	8	LOW	20.9	26.88	5.98	13	0.85	21.75	33	Pass
Band2	3	1908.5	16QAM	8	MID	20.9	26.67	5.77	13	0.85	21.75	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	20.93	26.57	5.64	13	0.85	21.78	33	Pass
Band2	3	1908.5	16QAM	1	LOW	21.7	26.21	4.51	13	0.85	22.55	33	Pass
Band2	3	1908.5	16QAM	1	MID	21.63	26.23	4.6	13	0.85	22.48	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	21.66	26.21	4.55	13	0.85	22.51	33	Pass
Band2	5	1852.5	QPSK	25	LOW	21.22	27.03	5.81	13	0.85	22.07	33	Pass
Band2	5	1852.5	QPSK	12	LOW	21.58	26.59	5.01	13	0.85	22.43	33	Pass



Band2	5	1852.5	QPSK	12	MID	21.58	26.71	5.13	13	0.85	22.43	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	21.44	26.66	5.22	13	0.85	22.29	33	Pass
Band2	5	1852.5	QPSK	1	LOW	22.52	26.81	4.29	13	0.85	23.37	33	Pass
Band2	5	1852.5	QPSK	1	MID	22.4	26.69	4.29	13	0.85	23.25	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	22.33	26.67	4.34	13	0.85	23.18	33	Pass
Band2	5	1852.5	16QAM	25	LOW	20.55	26.94	6.39	13	0.85	21.4	33	Pass
Band2	5	1852.5	16QAM	12	LOW	20.59	26.47	5.88	13	0.85	21.44	33	Pass
Band2	5	1852.5	16QAM	12	MID	20.58	26.52	5.94	13	0.85	21.43	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	20.43	26.39	5.96	13	0.85	21.28	33	Pass
Band2	5	1852.5	16QAM	1	LOW	20.82	25.81	4.99	13	0.85	21.67	33	Pass
Band2	5	1852.5	16QAM	1	MID	20.76	25.75	4.99	13	0.85	21.61	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	20.8	25.86	5.06	13	0.85	21.65	33	Pass
Band2	5	1880	QPSK	25	LOW	21.27	27.04	5.77	13	0.85	22.12	33	Pass
Band2	5	1880	QPSK	12	LOW	21.33	27	5.67	13	0.85	22.18	33	Pass
Band2	5	1880	QPSK	12	MID	21.34	26.92	5.58	13	0.85	22.19	33	Pass
Band2	5	1880	QPSK	12	HIGH	21.25	27.06	5.81	13	0.85	22.1	33	Pass
Band2	5	1880	QPSK	1	LOW	22.49	27.24	4.75	13	0.85	23.34	33	Pass
Band2	5	1880	QPSK	1	MID	22.37	26.55	4.18	13	0.85	23.22	33	Pass
Band2	5	1880	QPSK	1	HIGH	22.44	26.63	4.19	13	0.85	23.29	33	Pass
Band2	5	1880	16QAM	25	LOW	20.32	27.58	7.26	13	0.85	21.17	33	Pass
Band2	5	1880	16QAM	12	LOW	20.51	26.63	6.12	13	0.85	21.36	33	Pass
Band2	5	1880	16QAM	12	MID	20.52	26.6	6.08	13	0.85	21.37	33	Pass
Band2	5	1880	16QAM	12	HIGH	20.34	26.59	6.25	13	0.85	21.19	33	Pass
Band2	5	1880	16QAM	1	LOW	21.56	26.46	4.9	13	0.85	22.41	33	Pass
Band2	5	1880	16QAM	1	MID	21.54	26.48	4.94	13	0.85	22.39	33	Pass
Band2	5	1880	16QAM	1	HIGH	21.6	26.56	4.96	13	0.85	22.45	33	Pass
Band2	5	1907.5	QPSK	25	LOW	21.63	26.97	5.34	13	0.85	22.48	33	Pass
Band2	5	1907.5	QPSK	12	LOW	21.6	26.26	4.66	13	0.85	22.45	33	Pass
Band2	5	1907.5	QPSK	12	MID	21.59	26.3	4.71	13	0.85	22.44	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	21.61	26.48	4.87	13	0.85	22.46	33	Pass
Band2	5	1907.5	QPSK	1	LOW	22.59	25.98	3.39	13	0.85	23.44	33	Pass
Band2	5	1907.5	QPSK	1	MID	22.49	26.25	3.76	13	0.85	23.34	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	22.53	26.25	3.72	13	0.85	23.38	33	Pass
Band2	5	1907.5	16QAM	25	LOW	20.76	26.91	6.15	13	0.85	21.61	33	Pass
Band2	5	1907.5	16QAM	12	LOW	20.63	26.38	5.75	13	0.85	21.48	33	Pass
Band2	5	1907.5	16QAM	12	MID	20.63	26.26	5.63	13	0.85	21.48	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	20.63	26.56	5.93	13	0.85	21.48	33	Pass
Band2	5	1907.5	16QAM	1	LOW	21.32	25.93	4.61	13	0.85	22.17	33	Pass
Band2	5	1907.5	16QAM	1	MID	21.44	26.21	4.77	13	0.85	22.29	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	21.35	26.61	5.26	13	0.85	22.2	33	Pass
Band2	10	1855	QPSK	50	LOW	21.3	26.91	5.61	13	0.85	22.15	33	Pass
Band2	10	1855	QPSK	25	LOW	21.37	26.48	5.11	13	0.85	22.22	33	Pass
Band2	10	1855	QPSK	25	MID	21.37	26.5	5.13	13	0.85	22.22	33	Pass
Band2	10	1855	QPSK	25	HIGH	21.3	26.45	5.15	13	0.85	22.15	33	Pass
Band2	10	1855	QPSK	1	LOW	22.53	26.31	3.78	13	0.85	23.38	33	Pass
Band2	10	1855	QPSK	1	MID	22.3	26	3.7	13	0.85	23.15	33	Pass

Band2	10	1855	QPSK	1	HIGH	22.38	26	3.62	13	0.85	23.23	33	Pass
Band2	10	1855	16QAM	50	LOW	20.48	27.15	6.67	13	0.85	21.33	33	Pass
Band2	10	1855	16QAM	25	LOW	20.48	26.42	5.94	13	0.85	21.33	33	Pass
Band2	10	1855	16QAM	25	MID	20.49	26.41	5.92	13	0.85	21.34	33	Pass
Band2	10	1855	16QAM	25	HIGH	20.44	26.38	5.94	13	0.85	21.29	33	Pass
Band2	10	1855	16QAM	1	LOW	22	26.38	4.38	13	0.85	22.85	33	Pass
Band2	10	1855	16QAM	1	MID	21.98	26.31	4.33	13	0.85	22.83	33	Pass
Band2	10	1855	16QAM	1	HIGH	21.85	26.27	4.42	13	0.85	22.7	33	Pass
Band2	10	1880	QPSK	50	LOW	21.17	27.22	6.05	13	0.85	22.02	33	Pass
Band2	10	1880	QPSK	25	LOW	21.29	26.82	5.53	13	0.85	22.14	33	Pass
Band2	10	1880	QPSK	25	MID	21.29	26.83	5.54	13	0.85	22.14	33	Pass
Band2	10	1880	QPSK	25	HIGH	21.16	26.88	5.72	13	0.85	22.01	33	Pass
Band2	10	1880	QPSK	1	LOW	22.37	26.67	4.3	13	0.85	23.22	33	Pass
Band2	10	1880	QPSK	1	MID	22.41	26.58	4.17	13	0.85	23.26	33	Pass
Band2	10	1880	QPSK	1	HIGH	22.47	26.67	4.2	13	0.85	23.32	33	Pass
Band2	10	1880	16QAM	50	LOW	20.4	27.03	6.63	13	0.85	21.25	33	Pass
Band2	10	1880	16QAM	25	LOW	20.32	26.88	6.56	13	0.85	21.17	33	Pass
Band2	10	1880	16QAM	25	MID	20.33	26.81	6.48	13	0.85	21.18	33	Pass
Band2	10	1880	16QAM	25	HIGH	20.35	26.91	6.56	13	0.85	21.2	33	Pass
Band2	10	1880	16QAM	1	LOW	22.07	27	4.93	13	0.85	22.92	33	Pass
Band2	10	1880	16QAM	1	MID	22.07	26.58	4.51	13	0.85	22.92	33	Pass
Band2	10	1880	16QAM	1	HIGH	22.14	27.04	4.9	13	0.85	22.99	33	Pass
Band2	10	1905	QPSK	50	LOW	21.55	26.67	5.12	13	0.85	22.4	33	Pass
Band2	10	1905	QPSK	25	LOW	21.51	26.28	4.77	13	0.85	22.36	33	Pass
Band2	10	1905	QPSK	25	MID	21.52	26.3	4.78	13	0.85	22.37	33	Pass
Band2	10	1905	QPSK	25	HIGH	21.59	26.68	5.09	13	0.85	22.44	33	Pass
Band2	10	1905	QPSK	1	LOW	22.59	26.23	3.64	13	0.85	23.44	33	Pass
Band2	10	1905	QPSK	1	MID	22.55	25.91	3.36	13	0.85	23.4	33	Pass
Band2	10	1905	QPSK	1	HIGH	22.64	26.43	3.79	13	0.85	23.49	33	Pass
Band2	10	1905	16QAM	50	LOW	20.69	27.01	6.32	13	0.85	21.54	33	Pass
Band2	10	1905	16QAM	25	LOW	20.84	26.21	5.37	13	0.85	21.69	33	Pass
Band2	10	1905	16QAM	25	MID	20.85	26.21	5.36	13	0.85	21.7	33	Pass
Band2	10	1905	16QAM	25	HIGH	20.9	26.76	5.86	13	0.85	21.75	33	Pass
Band2	10	1905	16QAM	1	LOW	21.31	25.28	3.97	13	0.85	22.16	33	Pass
Band2	10	1905	16QAM	1	MID	21.4	25.62	4.22	13	0.85	22.25	33	Pass
Band2	10	1905	16QAM	1	HIGH	21.4	25.97	4.57	13	0.85	22.25	33	Pass
Band2	15	1857.5	QPSK	75	LOW	21.41	27.44	6.03	13	0.85	22.26	33	Pass
Band2	15	1857.5	QPSK	38	LOW	21.46	27.52	6.06	13	0.85	22.31	33	Pass
Band2	15	1857.5	QPSK	38	MID	21.45	27.42	5.97	13	0.85	22.3	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	21.46	27.49	6.03	13	0.85	22.31	33	Pass
Band2	15	1857.5	QPSK	1	LOW	22.51	26.44	3.93	13	0.85	23.36	33	Pass
Band2	15	1857.5	QPSK	1	MID	22.35	26.03	3.68	13	0.85	23.2	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	22.26	26.32	4.06	13	0.85	23.11	33	Pass
Band2	15	1857.5	16QAM	75	LOW	20.46	27.03	6.57	13	0.85	21.31	33	Pass
Band2	15	1857.5	16QAM	38	LOW	20.47	26.97	6.5	13	0.85	21.32	33	Pass
Band2	15	1857.5	16QAM	38	MID	20.55	27.01	6.46	13	0.85	21.4	33	Pass

Band2	15	1857.5	16QAM	38	HIGH	20.56	26.96	6.4	13	0.85	21.41	33	Pass
Band2	15	1857.5	16QAM	1	LOW	22.07	26.74	4.67	13	0.85	22.92	33	Pass
Band2	15	1857.5	16QAM	1	MID	22.1	26.33	4.23	13	0.85	22.95	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	21.9	26.29	4.39	13	0.85	22.75	33	Pass
Band2	15	1880	QPSK	75	LOW	21.19	27.62	6.43	13	0.85	22.04	33	Pass
Band2	15	1880	QPSK	38	LOW	21.36	27.72	6.36	13	0.85	22.21	33	Pass
Band2	15	1880	QPSK	38	MID	21.37	27.7	6.33	13	0.85	22.22	33	Pass
Band2	15	1880	QPSK	38	HIGH	21.37	27.7	6.33	13	0.85	22.22	33	Pass
Band2	15	1880	QPSK	1	LOW	22.34	26.84	4.5	13	0.85	23.19	33	Pass
Band2	15	1880	QPSK	1	MID	22.27	26.6	4.33	13	0.85	23.12	33	Pass
Band2	15	1880	QPSK	1	HIGH	22.39	26.56	4.17	13	0.85	23.24	33	Pass
Band2	15	1880	16QAM	75	LOW	20.46	27.41	6.95	13	0.85	21.31	33	Pass
Band2	15	1880	16QAM	38	LOW	20.38	27.37	6.99	13	0.85	21.23	33	Pass
Band2	15	1880	16QAM	38	MID	20.39	27.37	6.98	13	0.85	21.24	33	Pass
Band2	15	1880	16QAM	38	HIGH	20.39	27.38	6.99	13	0.85	21.24	33	Pass
Band2	15	1880	16QAM	1	LOW	21.5	27	5.5	13	0.85	22.35	33	Pass
Band2	15	1880	16QAM	1	MID	21.61	26.09	4.48	13	0.85	22.46	33	Pass
Band2	15	1880	16QAM	1	HIGH	22.16	26.59	4.43	13	0.85	23.01	33	Pass
Band2	15	1902.5	QPSK	75	LOW	21.46	27.19	5.73	13	0.85	22.31	33	Pass
Band2	15	1902.5	QPSK	38	LOW	21.39	27.09	5.7	13	0.85	22.24	33	Pass
Band2	15	1902.5	QPSK	38	MID	21.39	27.19	5.8	13	0.85	22.24	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	21.39	27.13	5.74	13	0.85	22.24	33	Pass
Band2	15	1902.5	QPSK	1	LOW	22.38	26.11	3.73	13	0.85	23.23	33	Pass
Band2	15	1902.5	QPSK	1	MID	22.66	25.63	2.97	13	0.85	23.51	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	22.56	26.46	3.9	13	0.85	23.41	33	Pass
Band2	15	1902.5	16QAM	75	LOW	20.6	27	6.4	13	0.85	21.45	33	Pass
Band2	15	1902.5	16QAM	38	LOW	20.81	26.95	6.14	13	0.85	21.66	33	Pass
Band2	15	1902.5	16QAM	38	MID	20.82	27.07	6.25	13	0.85	21.67	33	Pass
Band2	15	1902.5	16QAM	38	HIGH	20.64	27.09	6.45	13	0.85	21.49	33	Pass
Band2	15	1902.5	16QAM	1	LOW	22.08	26.36	4.28	13	0.85	22.93	33	Pass
Band2	15	1902.5	16QAM	1	MID	22.14	25.61	3.47	13	0.85	22.99	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	22.26	26.82	4.56	13	0.85	23.11	33	Pass
Band2	20	1860	QPSK	100	LOW	21.25	27.05	5.8	13	0.85	22.1	33	Pass
Band2	20	1860	QPSK	50	LOW	21.45	26.53	5.08	13	0.85	22.3	33	Pass
Band2	20	1860	QPSK	50	MID	21.44	26.54	5.1	13	0.85	22.29	33	Pass
Band2	20	1860	QPSK	50	HIGH	21.28	26.5	5.22	13	0.85	22.13	33	Pass
Band2	20	1860	QPSK	1	LOW	22.81	26.54	3.73	13	0.85	23.66	33	Pass
Band2	20	1860	QPSK	1	MID	22.57	26.14	3.57	13	0.85	23.42	33	Pass
Band2	20	1860	QPSK	1	HIGH	22.56	26.25	3.69	13	0.85	23.41	33	Pass
Band2	20	1860	16QAM	100	LOW	20.59	27.17	6.58	13	0.85	21.44	33	Pass
Band2	20	1860	16QAM	50	LOW	20.5	26.75	6.25	13	0.85	21.35	33	Pass
Band2	20	1860	16QAM	50	MID	20.5	26.72	6.22	13	0.85	21.35	33	Pass
Band2	20	1860	16QAM	50	HIGH	20.4	26.53	6.13	13	0.85	21.25	33	Pass
Band2	20	1860	16QAM	1	LOW	21.78	27	5.22	13	0.85	22.63	33	Pass
Band2	20	1860	16QAM	1	MID	21.7	26.05	4.35	13	0.85	22.55	33	Pass
Band2	20	1860	16QAM	1	HIGH	21.63	26.92	5.29	13	0.85	22.48	33	Pass

Band2	20	1880	QPSK	100	LOW	21.36	27.44	6.08	13	0.85	22.21	33	Pass
Band2	20	1880	QPSK	50	LOW	21.46	26.88	5.42	13	0.85	22.31	33	Pass
Band2	20	1880	QPSK	50	MID	21.46	26.91	5.45	13	0.85	22.31	33	Pass
Band2	20	1880	QPSK	50	HIGH	21.37	27.05	5.68	13	0.85	22.22	33	Pass
Band2	20	1880	QPSK	1	LOW	22.52	27.5	4.98	13	0.85	23.37	33	Pass
Band2	20	1880	QPSK	1	MID	22.49	26.56	4.07	13	0.85	23.34	33	Pass
Band2	20	1880	QPSK	1	HIGH	22.55	27.32	4.77	13	0.85	23.4	33	Pass
Band2	20	1880	16QAM	100	LOW	20.47	27.77	7.3	13	0.85	21.32	33	Pass
Band2	20	1880	16QAM	50	LOW	20.44	26.86	6.42	13	0.85	21.29	33	Pass
Band2	20	1880	16QAM	50	MID	20.45	26.83	6.38	13	0.85	21.3	33	Pass
Band2	20	1880	16QAM	50	HIGH	20.58	27.08	6.5	13	0.85	21.43	33	Pass
Band2	20	1880	16QAM	1	LOW	21.23	26.28	5.05	13	0.85	22.08	33	Pass
Band2	20	1880	16QAM	1	MID	21.33	26.67	5.34	13	0.85	22.18	33	Pass
Band2	20	1880	16QAM	1	HIGH	21.38	26.47	5.09	13	0.85	22.23	33	Pass
Band2	20	1900	QPSK	100	LOW	21.68	27.21	5.53	13	0.85	22.53	33	Pass
Band2	20	1900	QPSK	50	LOW	21.48	26.24	4.76	13	0.85	22.33	33	Pass
Band2	20	1900	QPSK	50	MID	21.49	26.2	4.71	13	0.85	22.34	33	Pass
Band2	20	1900	QPSK	50	HIGH	21.6	26.54	4.94	13	0.85	22.45	33	Pass
Band2	20	1900	QPSK	1	LOW	22.37	26.63	4.26	13	0.85	23.22	33	Pass
Band2	20	1900	QPSK	1	MID	22.53	25.51	2.98	13	0.85	23.38	33	Pass
Band2	20	1900	QPSK	1	HIGH	22.67	26.81	4.14	13	0.85	23.52	33	Pass
Band2	20	1900	16QAM	100	LOW	20.61	26.99	6.38	13	0.85	21.46	33	Pass
Band2	20	1900	16QAM	50	LOW	20.59	26.25	5.66	13	0.85	21.44	33	Pass
Band2	20	1900	16QAM	50	MID	20.59	26.29	5.7	13	0.85	21.44	33	Pass
Band2	20	1900	16QAM	50	HIGH	20.71	26.6	5.89	13	0.85	21.56	33	Pass
Band2	20	1900	16QAM	1	LOW	22.1	26.78	4.68	13	0.85	22.95	33	Pass
Band2	20	1900	16QAM	1	MID	22.26	25.59	3.33	13	0.85	23.11	33	Pass
Band2	20	1900	16QAM	1	HIGH	22.38	27.34	4.96	13	0.85	23.23	33	Pass