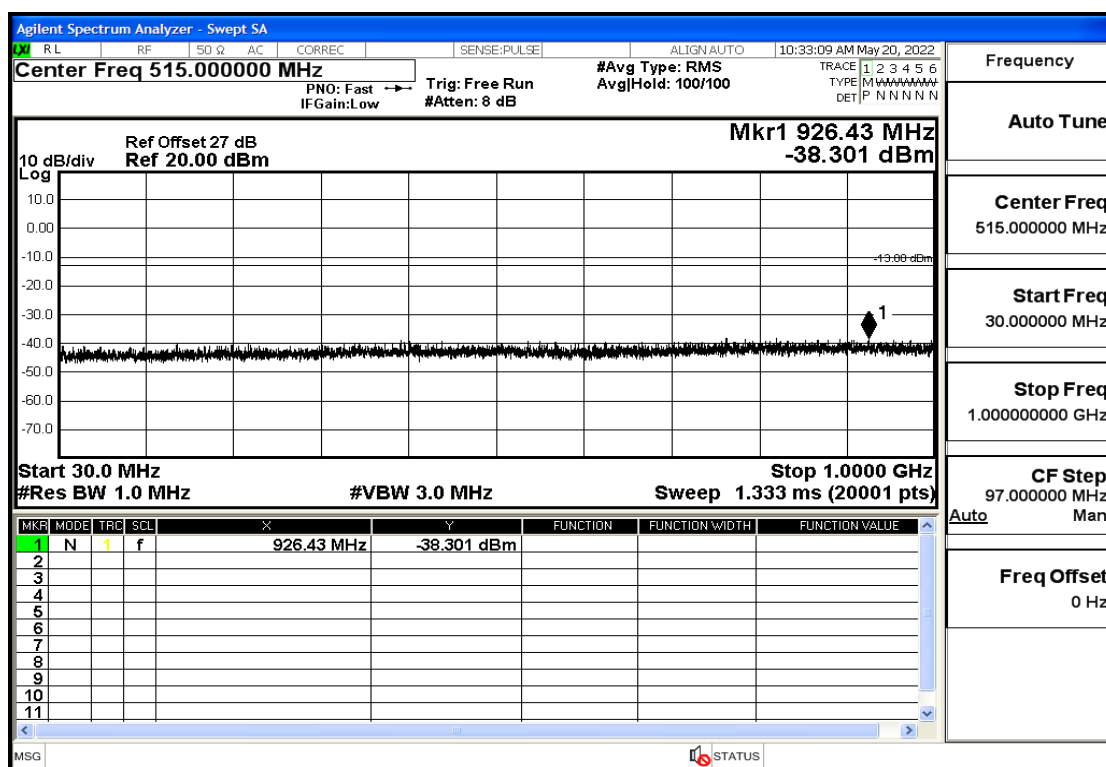
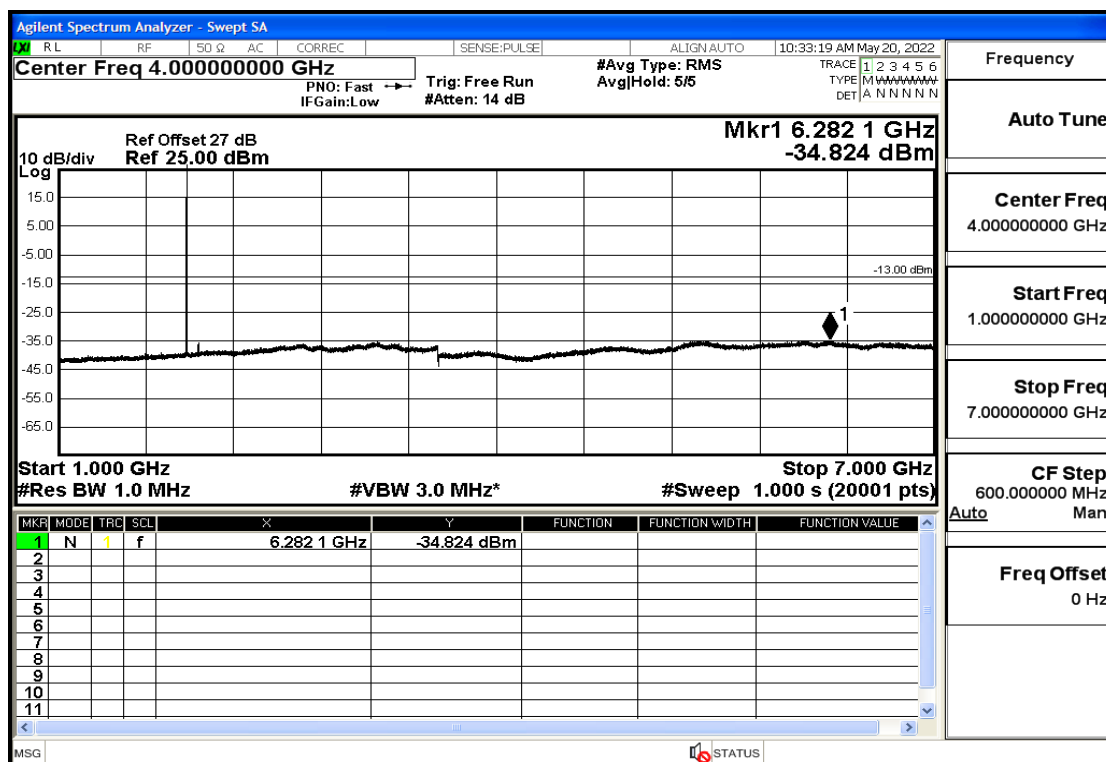


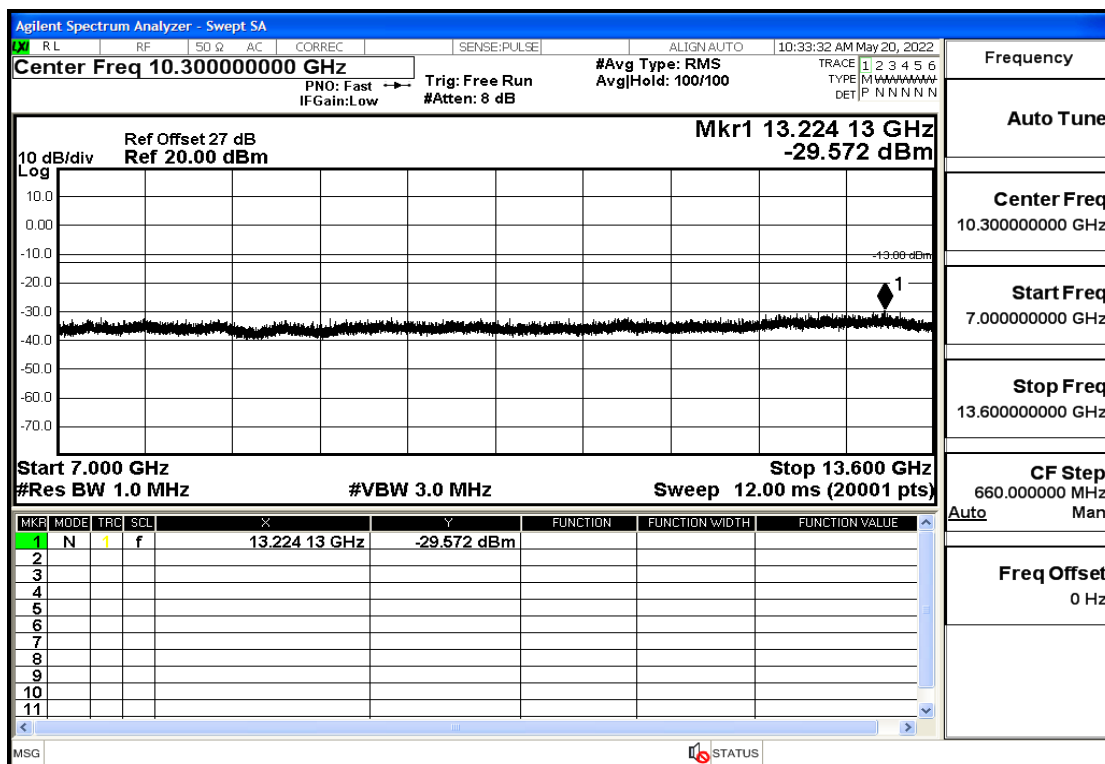
OB2-1.4-1880-Q16-6#LOW@30mHz-1GHz@Pass



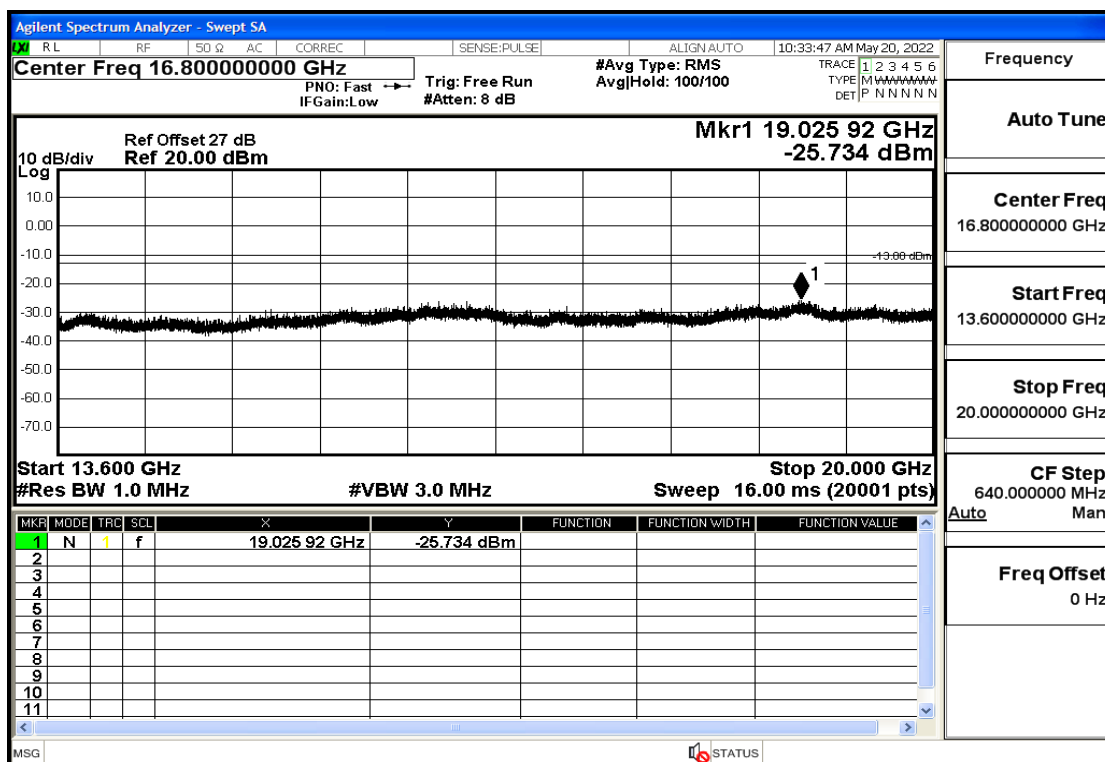
OB2-1.4-1880-Q16-6#LOW@1GHz-7GHz@Pass



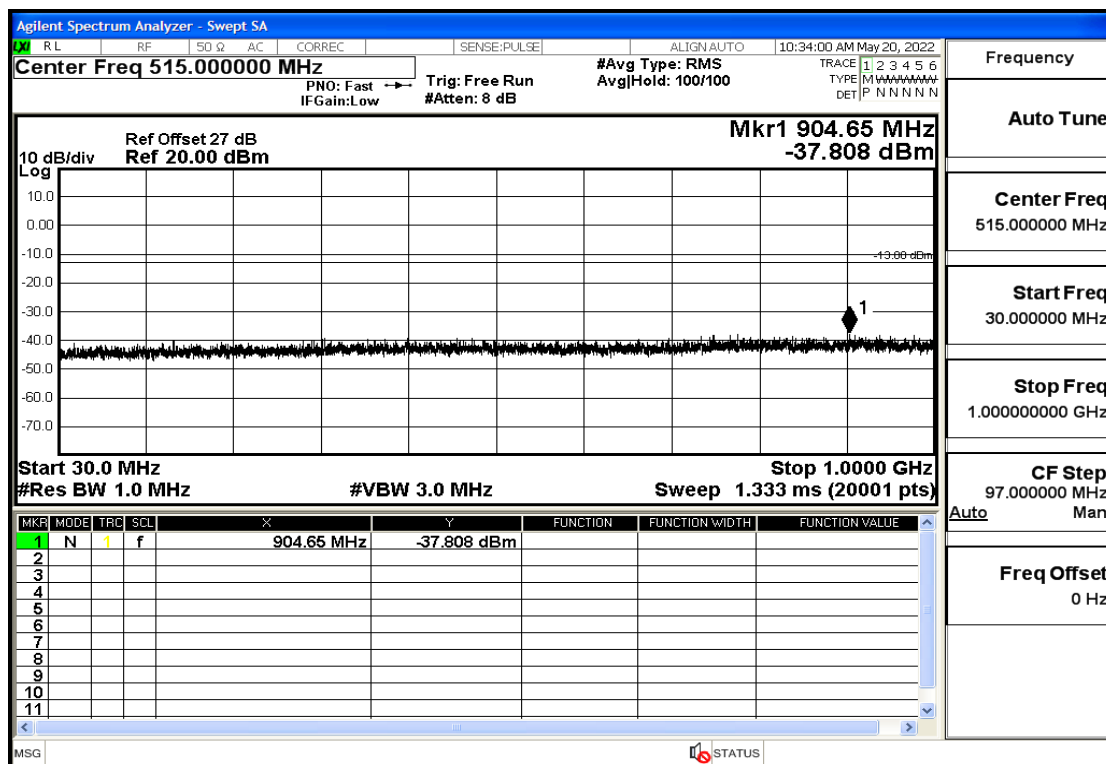
OB2-1.4-1880-Q16-6#LOW@7GHz-13.6GHz@Pass



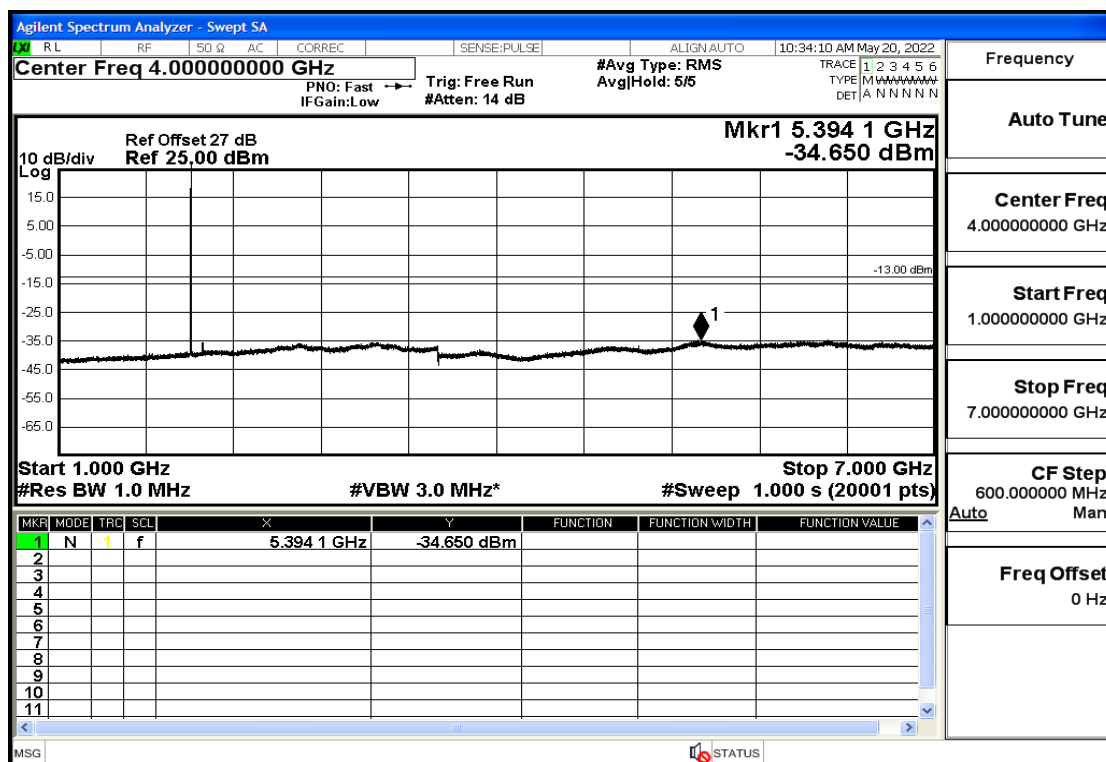
OB2-1.4-1880-Q16-6#LOW@13.6GHz-20GHz@Pass



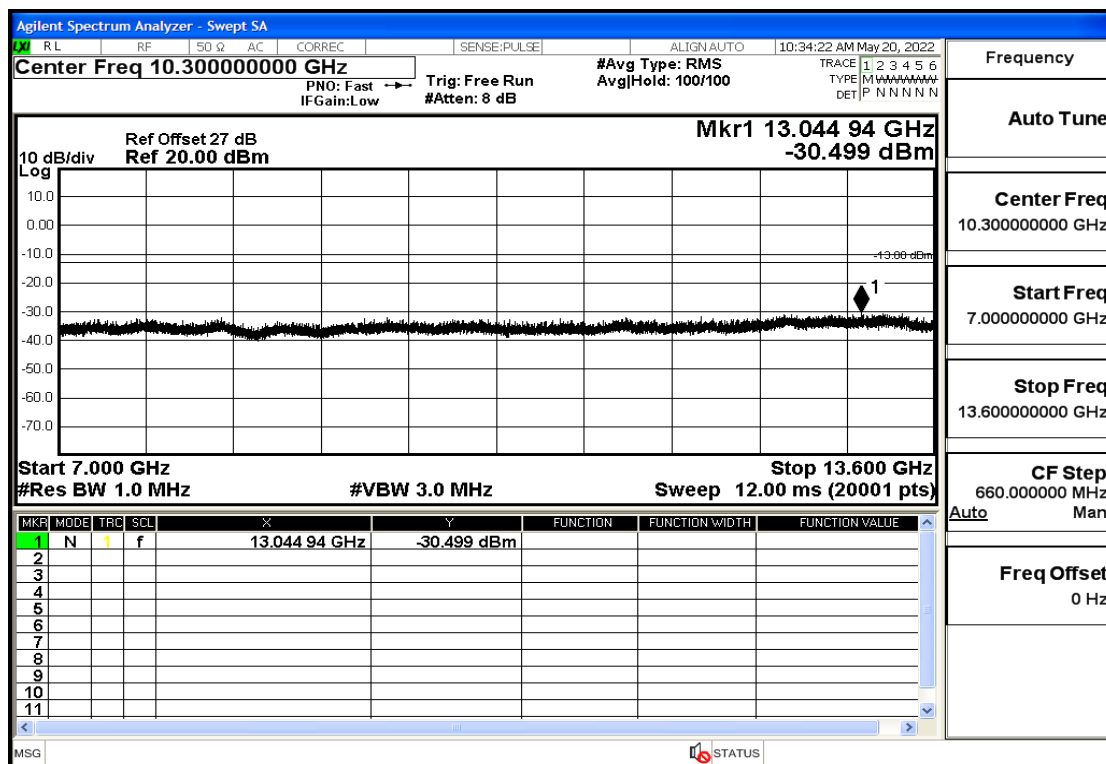
OB2-1.4-1909.3-Q16-6#LOW@30mHz-1GHz@Pass



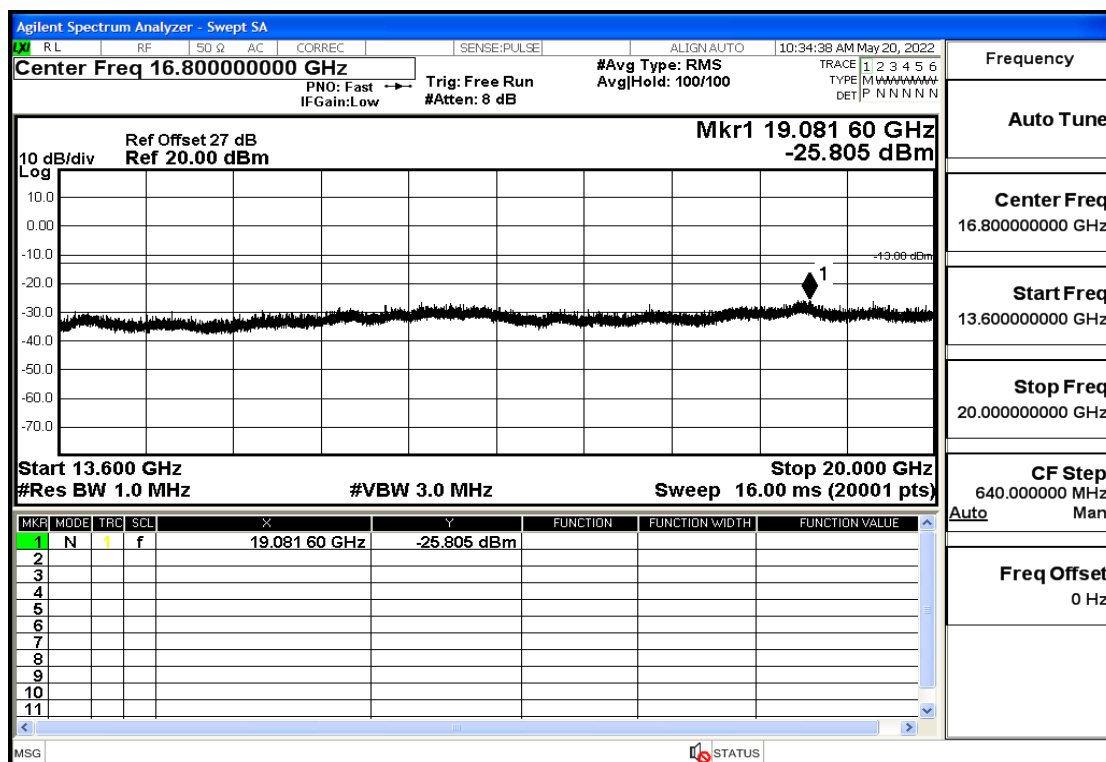
OB2-1.4-1909.3-Q16-6#LOW@1GHz-7GHz@Pass



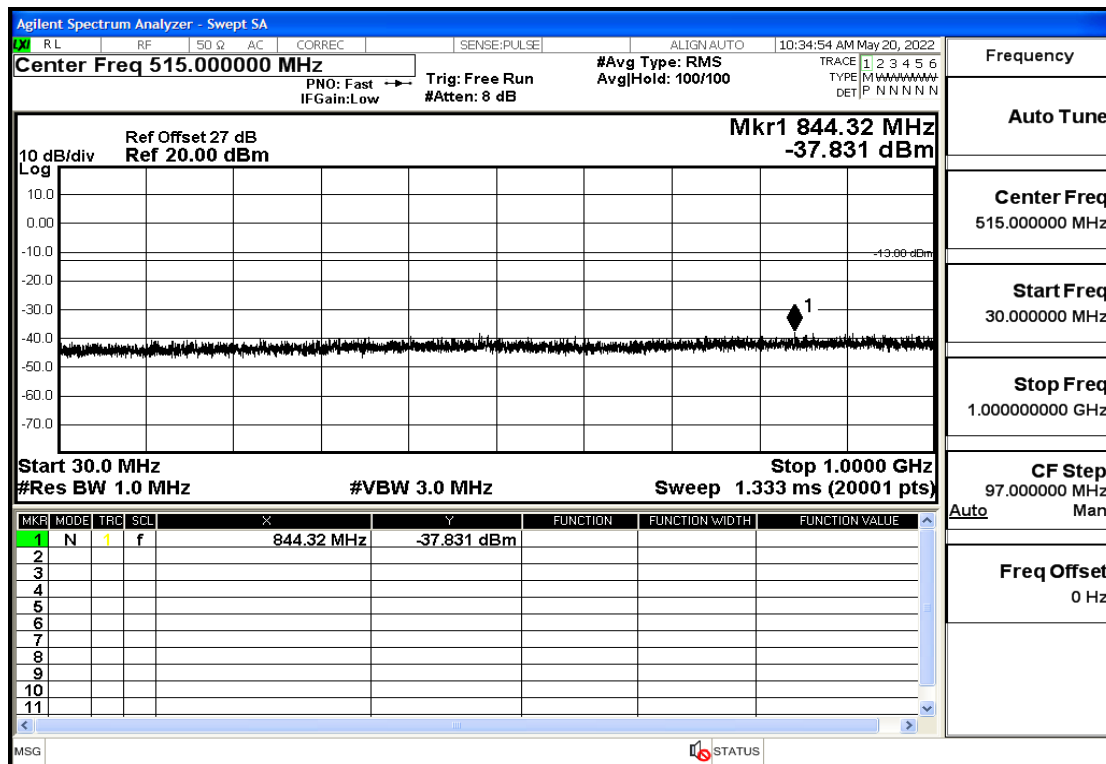
OB2-1.4-1909.3-Q16-6#LOW@7GHz-13.6GHz@Pass



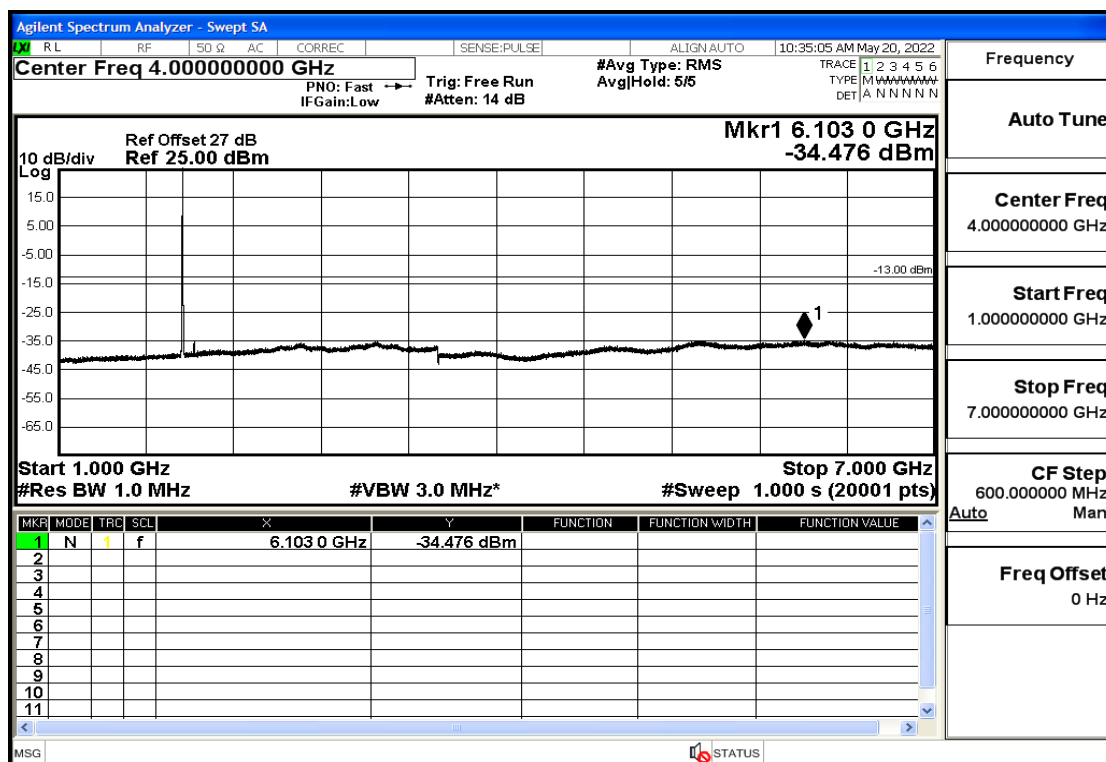
OB2-1.4-1909.3-Q16-6#LOW@13.6GHz-20GHz@Pass



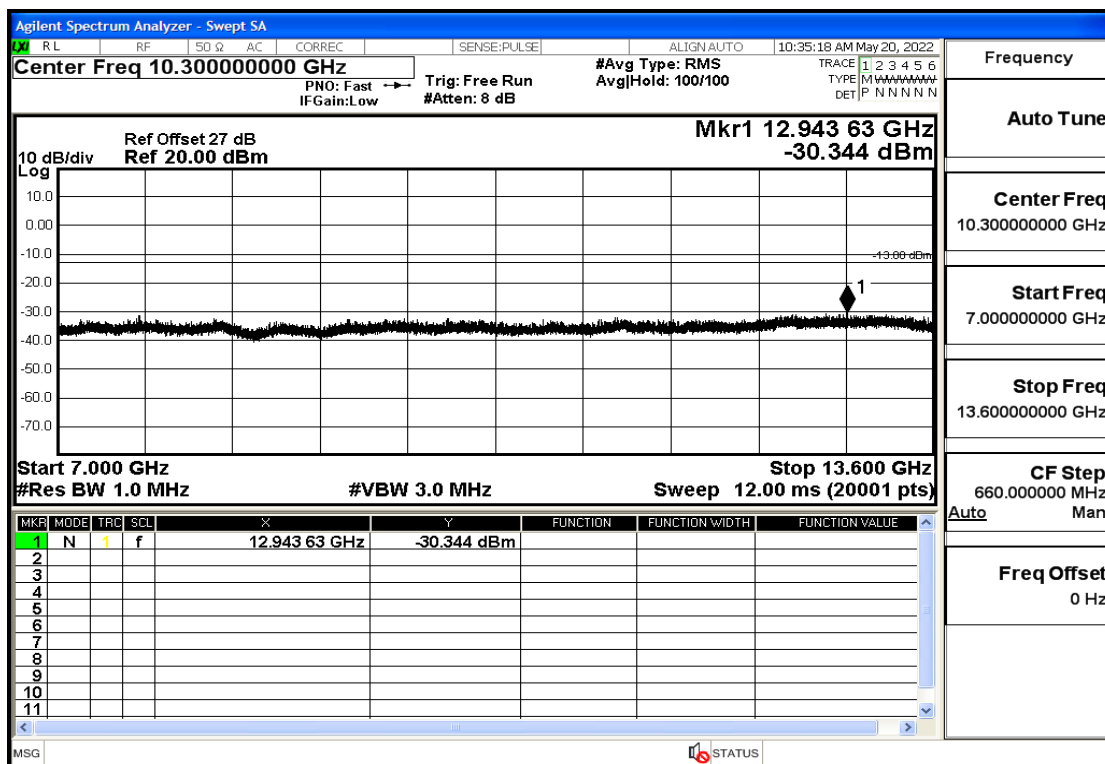
OB2-3-1851.5-Q16-15#LOW@30mHz-1GHz@Pass



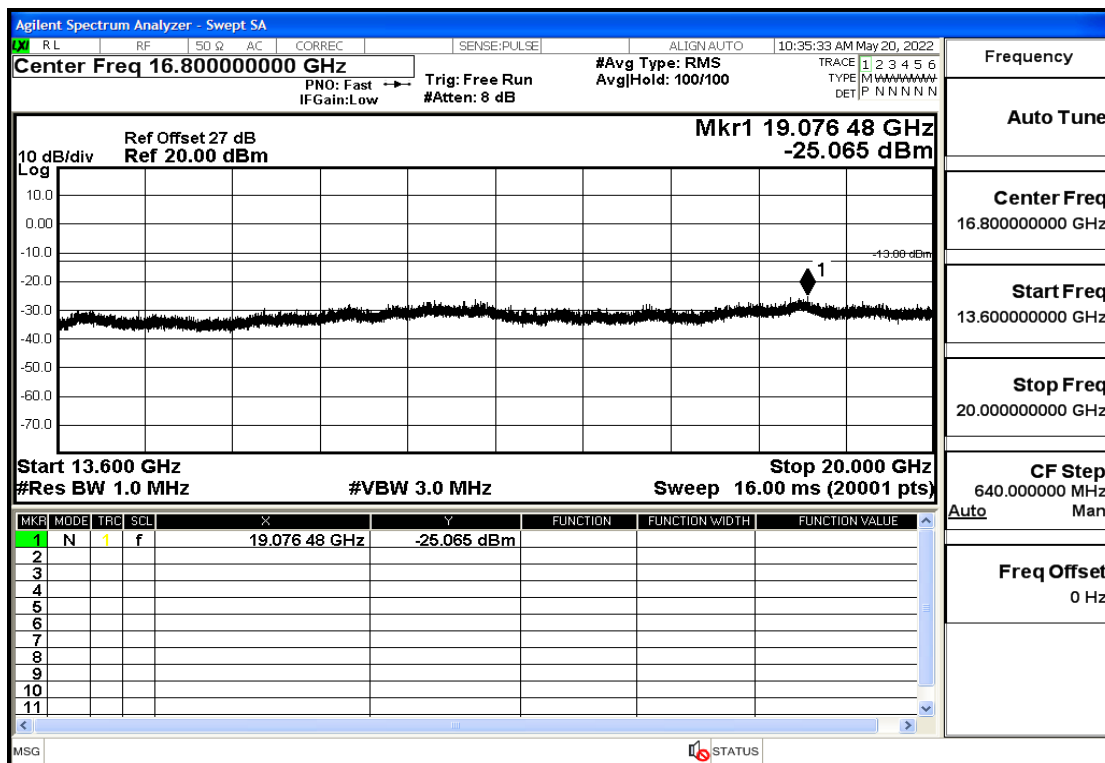
OB2-3-1851.5-Q16-15#LOW@1GHz-7GHz@Pass



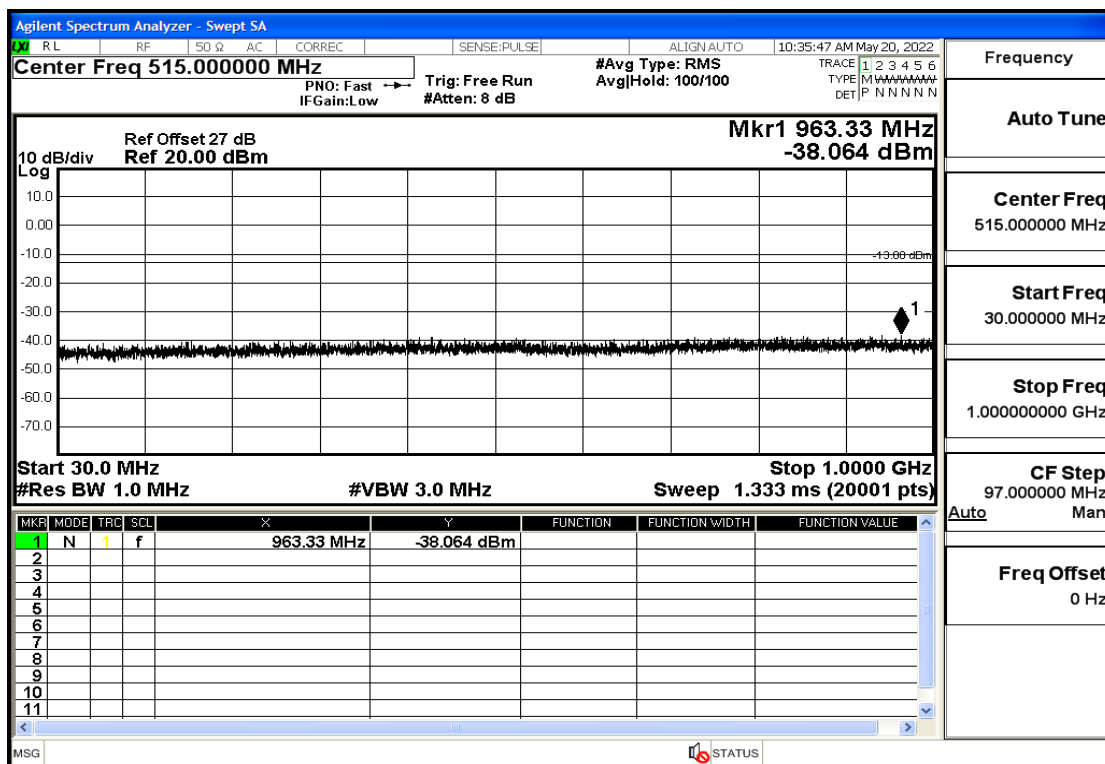
OB2-3-1851.5-Q16-15#LOW@7GHz-13.6GHz@Pass



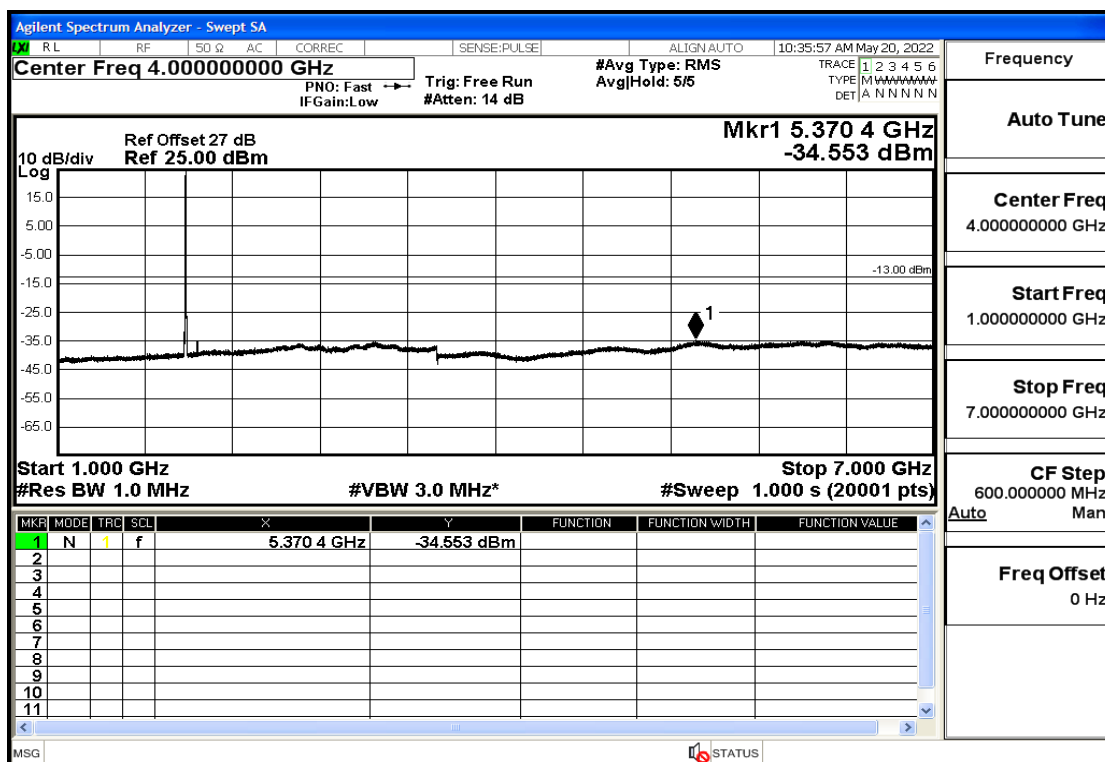
OB2-3-1851.5-Q16-15#LOW@13.6GHz-20GHz@Pass



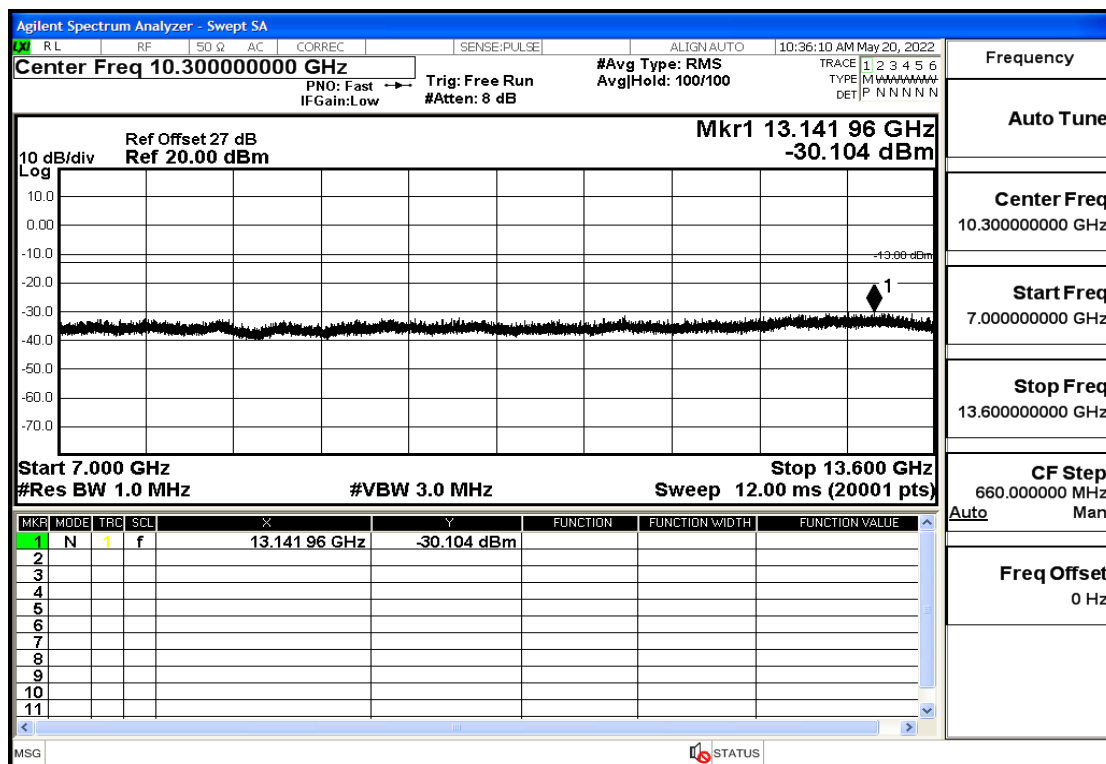
OB2-3-1880-Q16-15#LOW@30mHz-1GHz@Pass



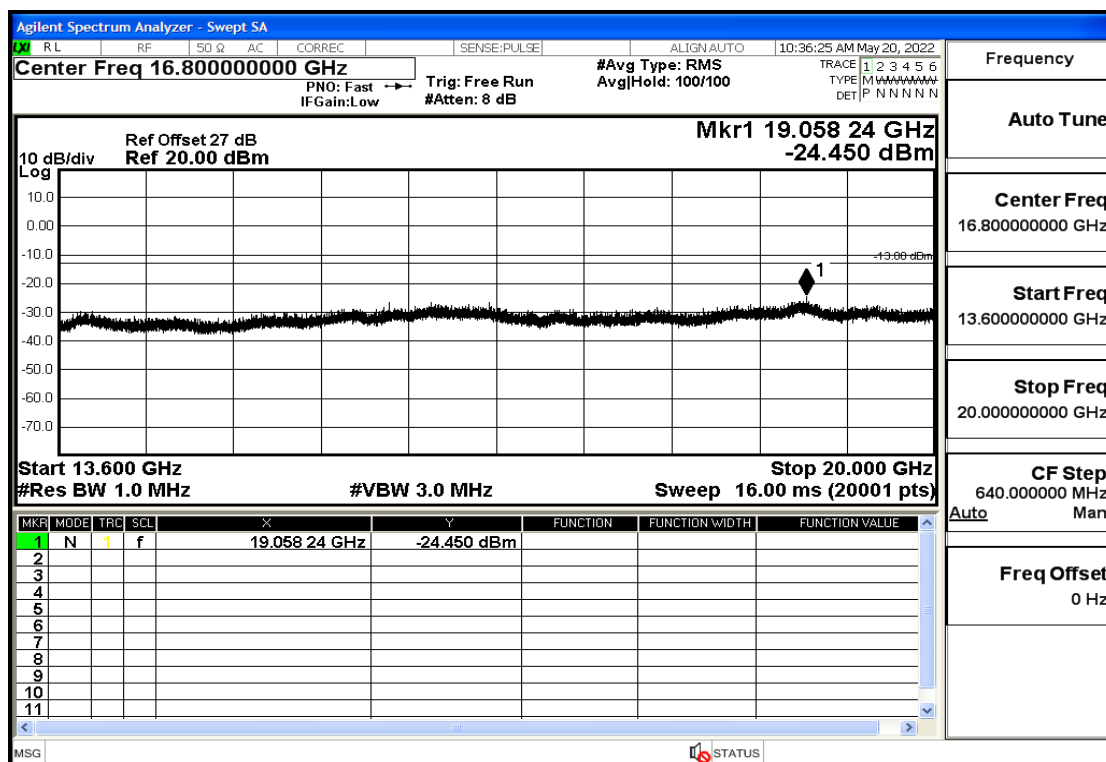
OB2-3-1880-Q16-15#LOW@1GHz-7GHz@Pass



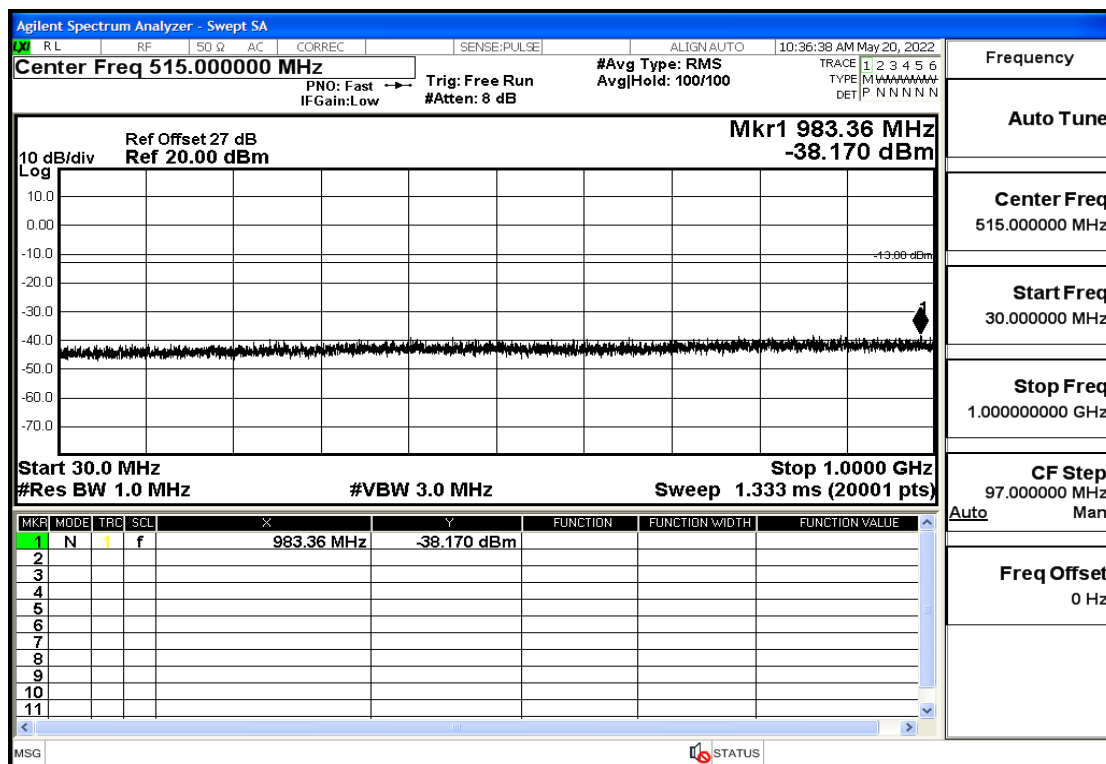
OB2-3-1880-Q16-15#LOW@7GHz-13.6GHz@Pass



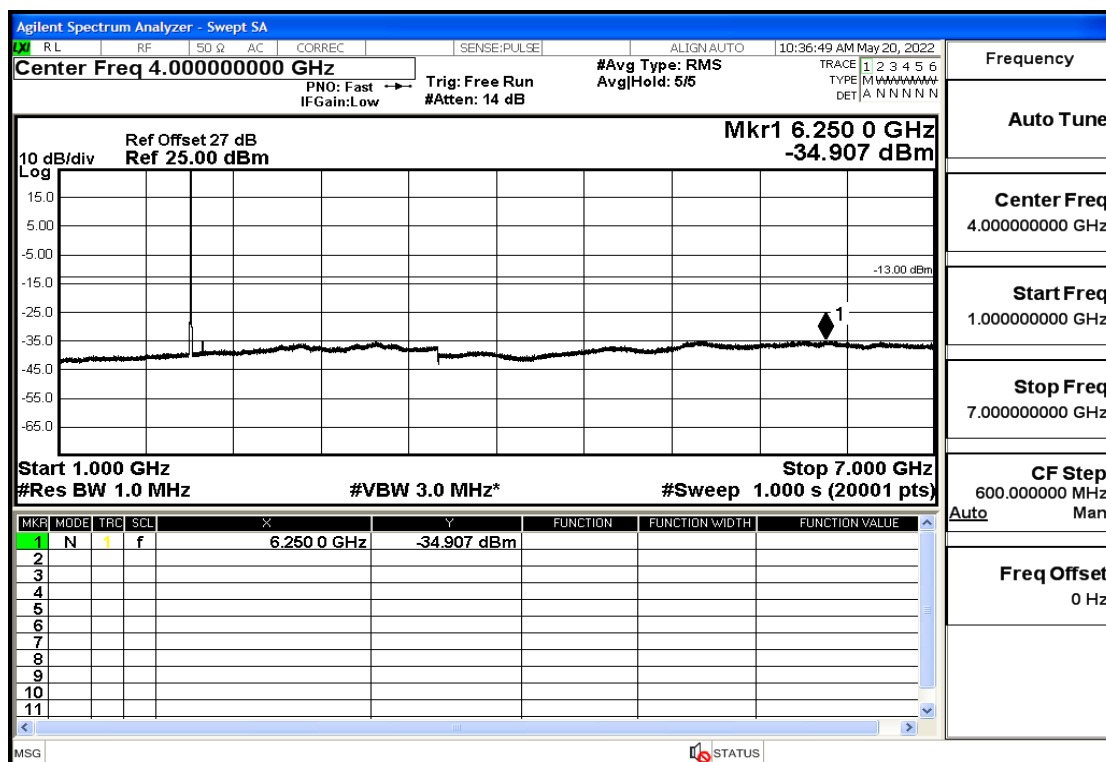
OB2-3-1880-Q16-15#LOW@13.6GHz-20GHz@Pass



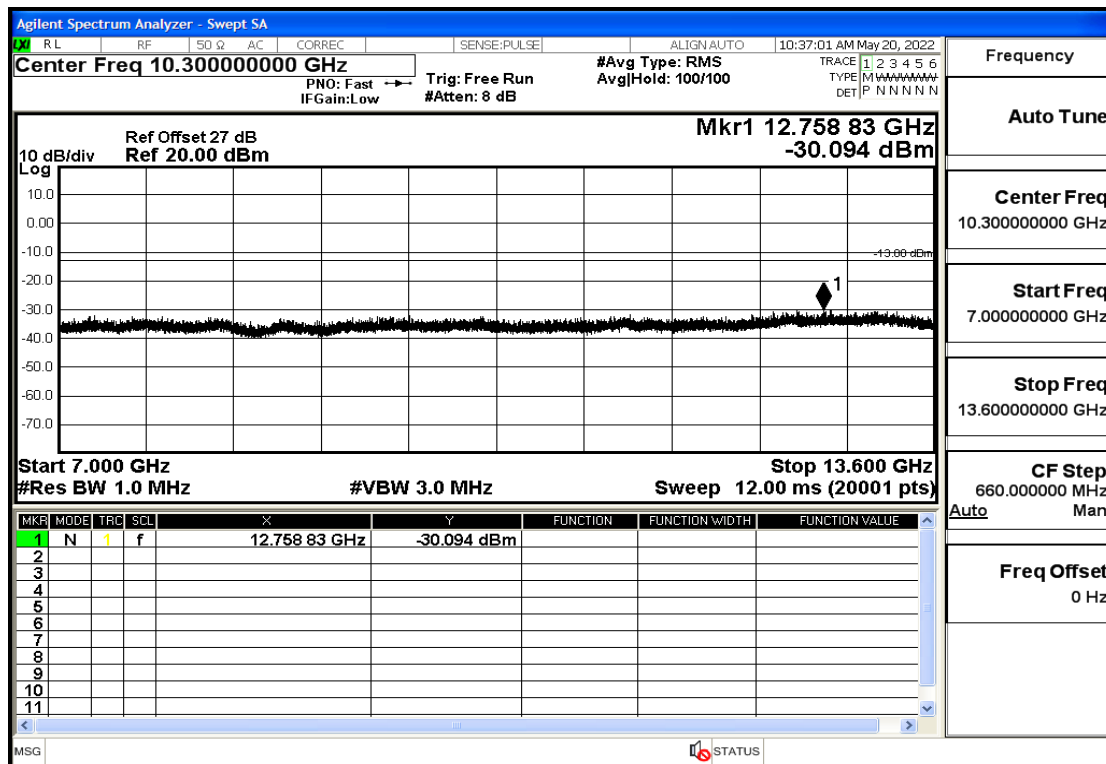
OB2-3-1908.5-Q16-15#LOW@30mHz-1GHz@Pass



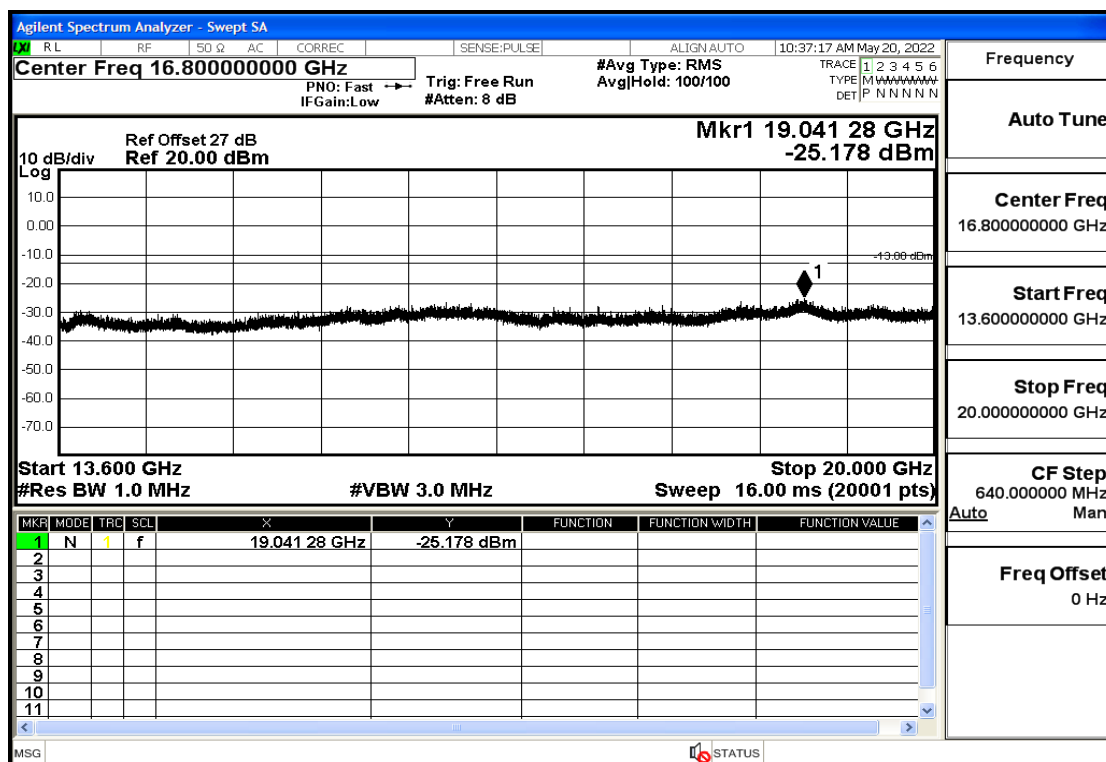
OB2-3-1908.5-Q16-15#LOW@1GHz-7GHz@Pass



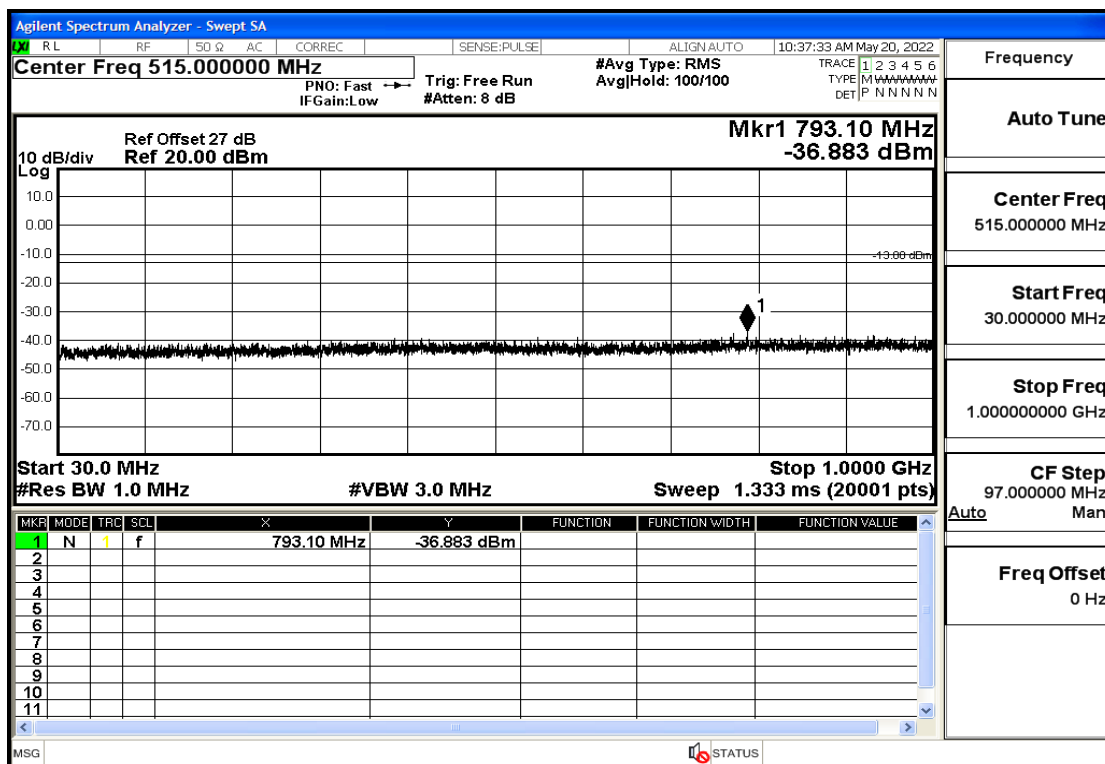
OB2-3-1908.5-Q16-15#LOW@7GHz-13.6GHz@Pass



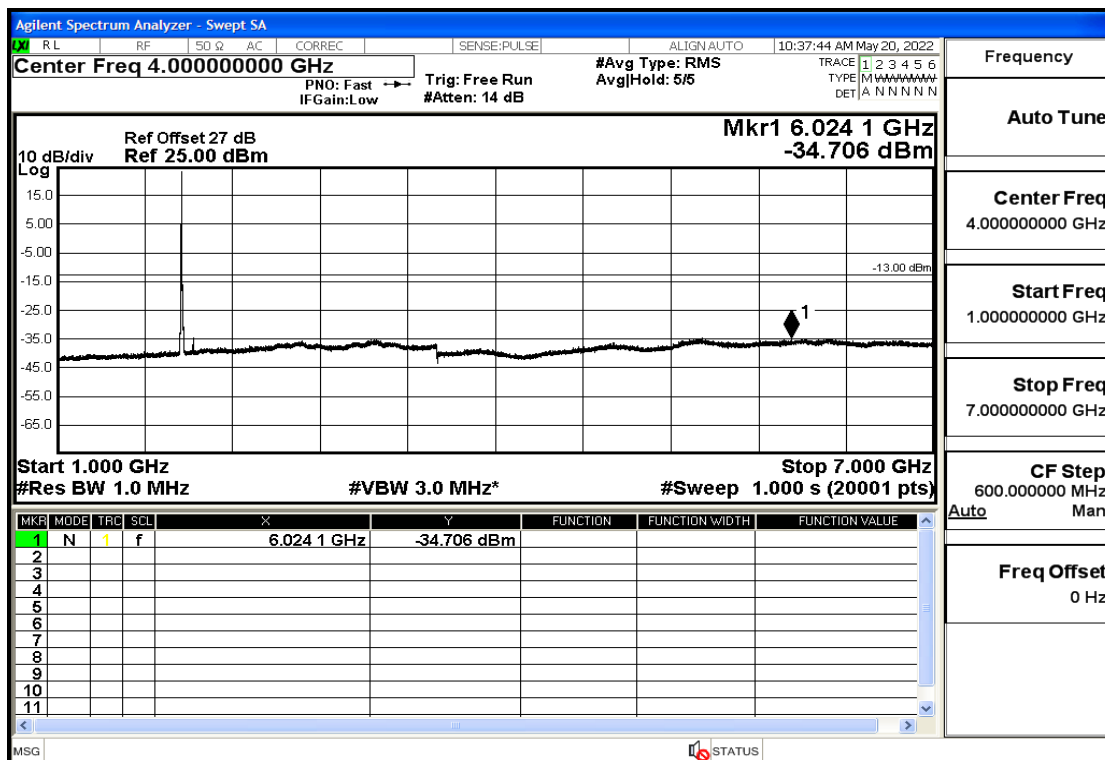
OB2-3-1908.5-Q16-15#LOW@13.6GHz-20GHz@Pass



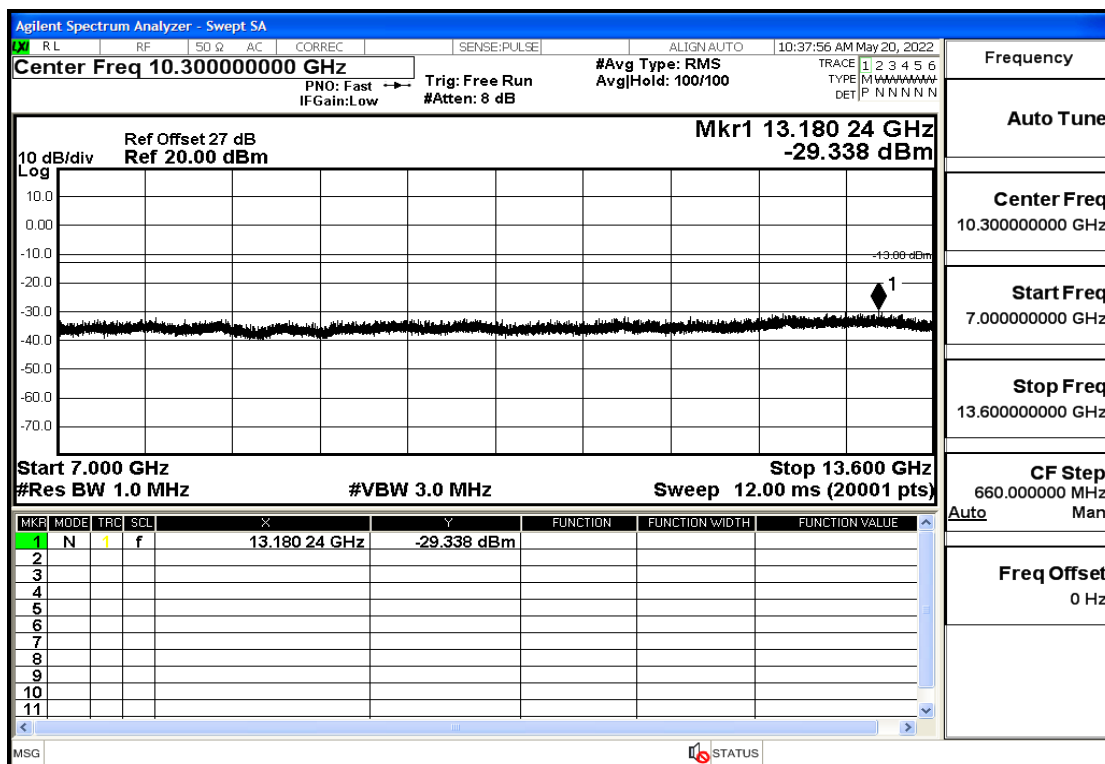
OB2-5-1852.5-Q16-25#LOW@30mHz-1GHz@Pass



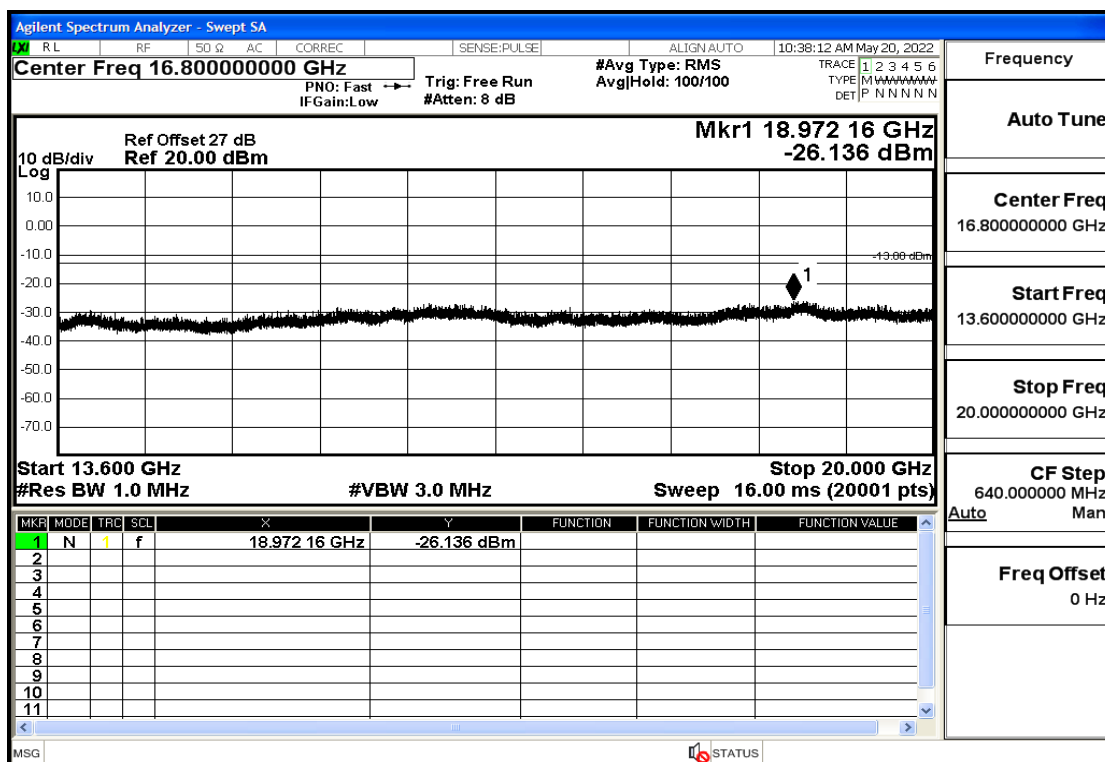
OB2-5-1852.5-Q16-25#LOW@1GHz-7GHz@Pass



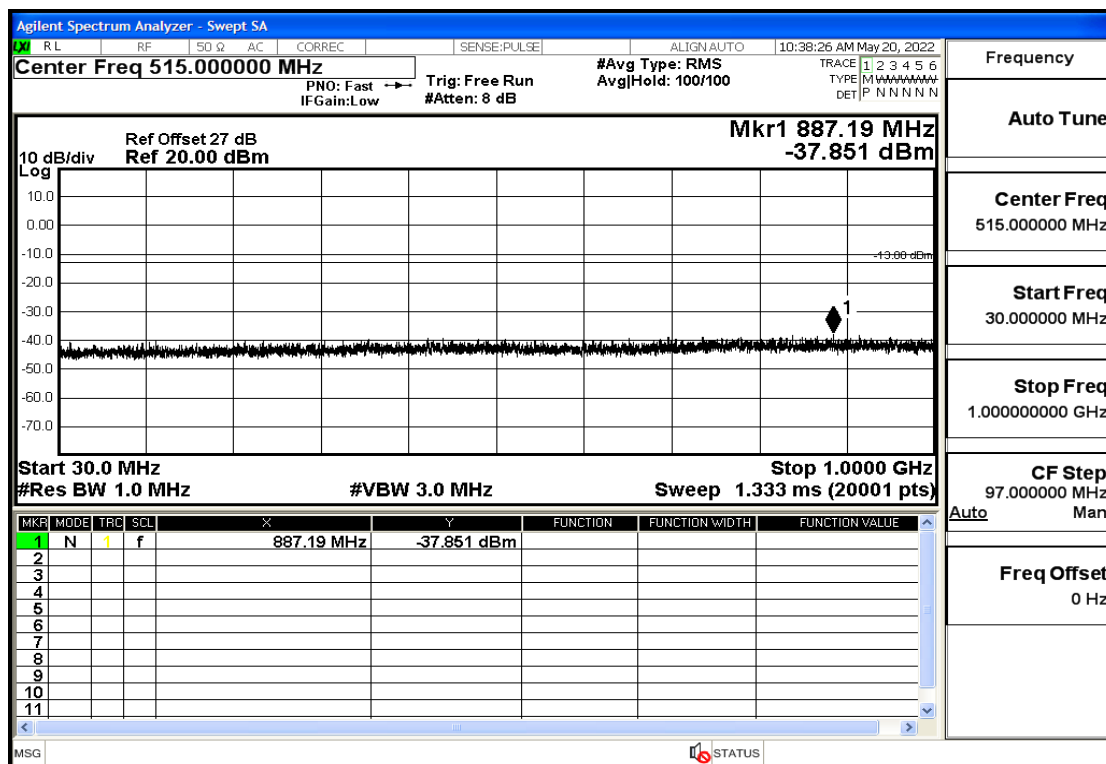
OB2-5-1852.5-Q16-25#LOW@7GHz-13.6GHz@Pass



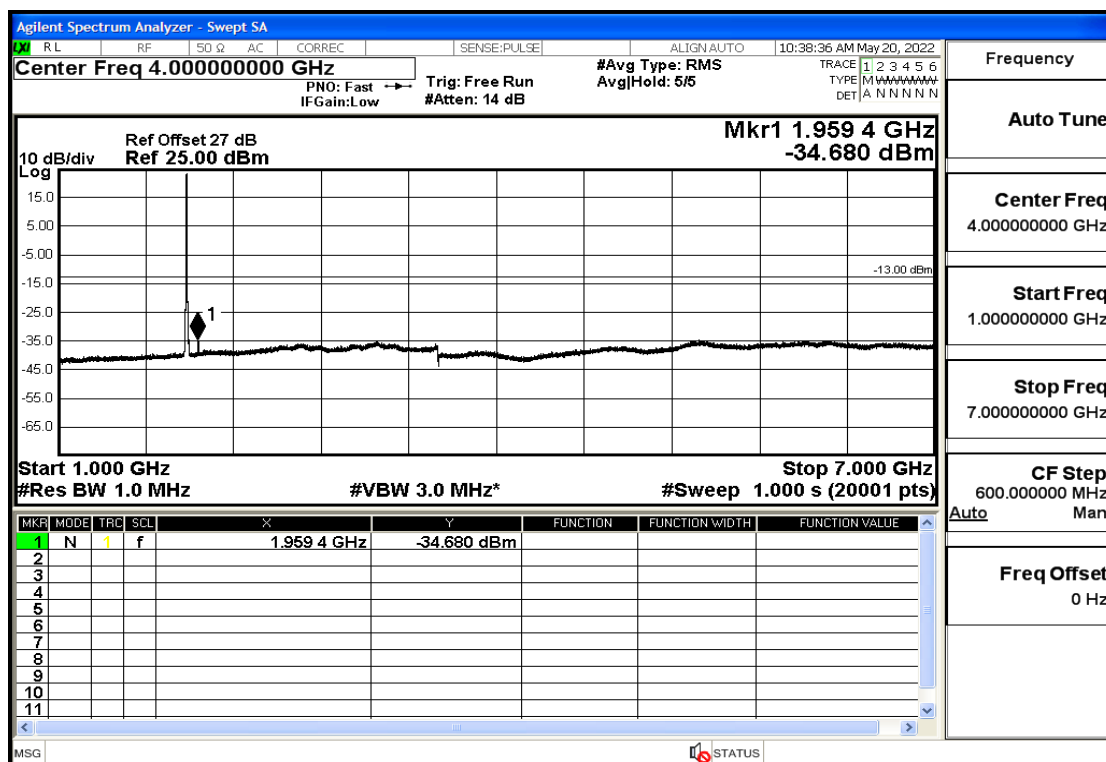
OB2-5-1852.5-Q16-25#LOW@13.6GHz-20GHz@Pass



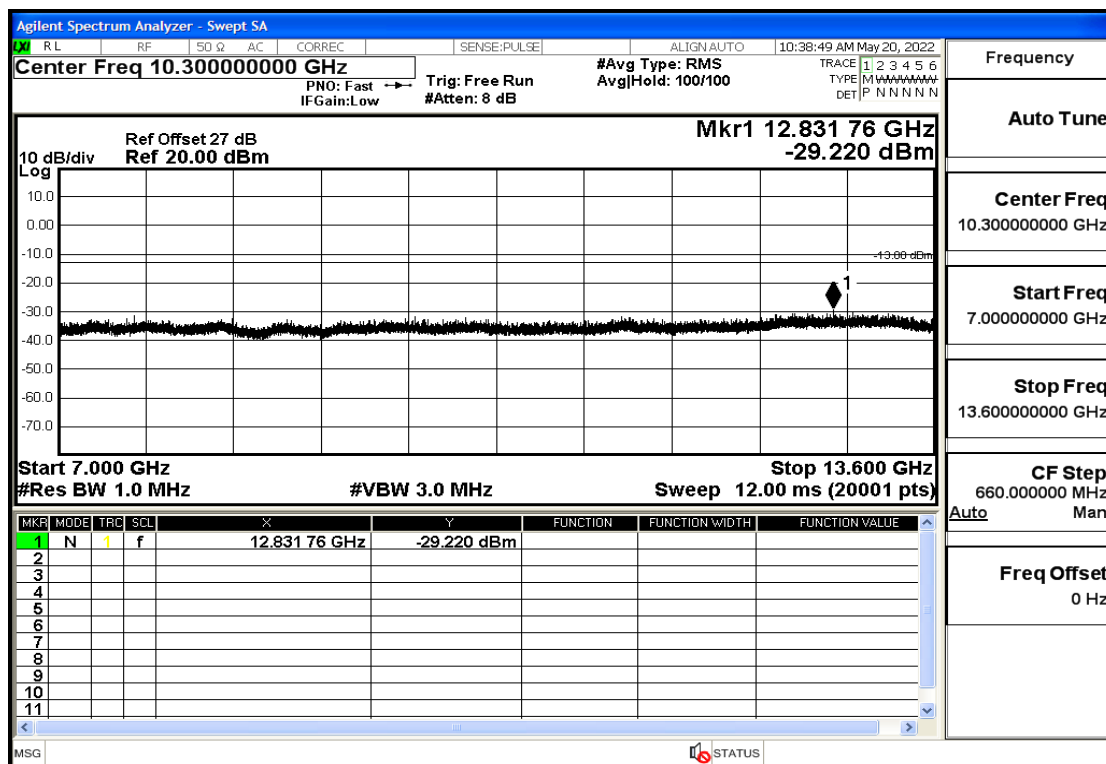
OB2-5-1880-Q16-25#LOW@30mHz-1GHz@Pass



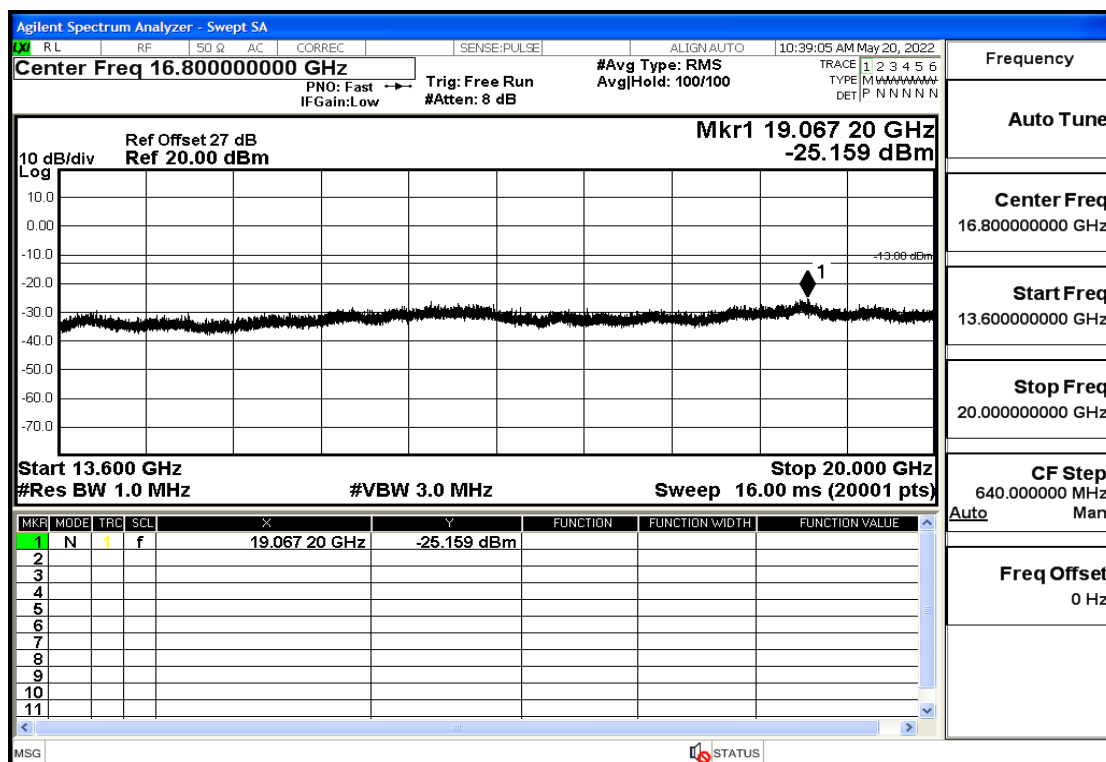
OB2-5-1880-Q16-25#LOW@1GHz-7GHz@Pass



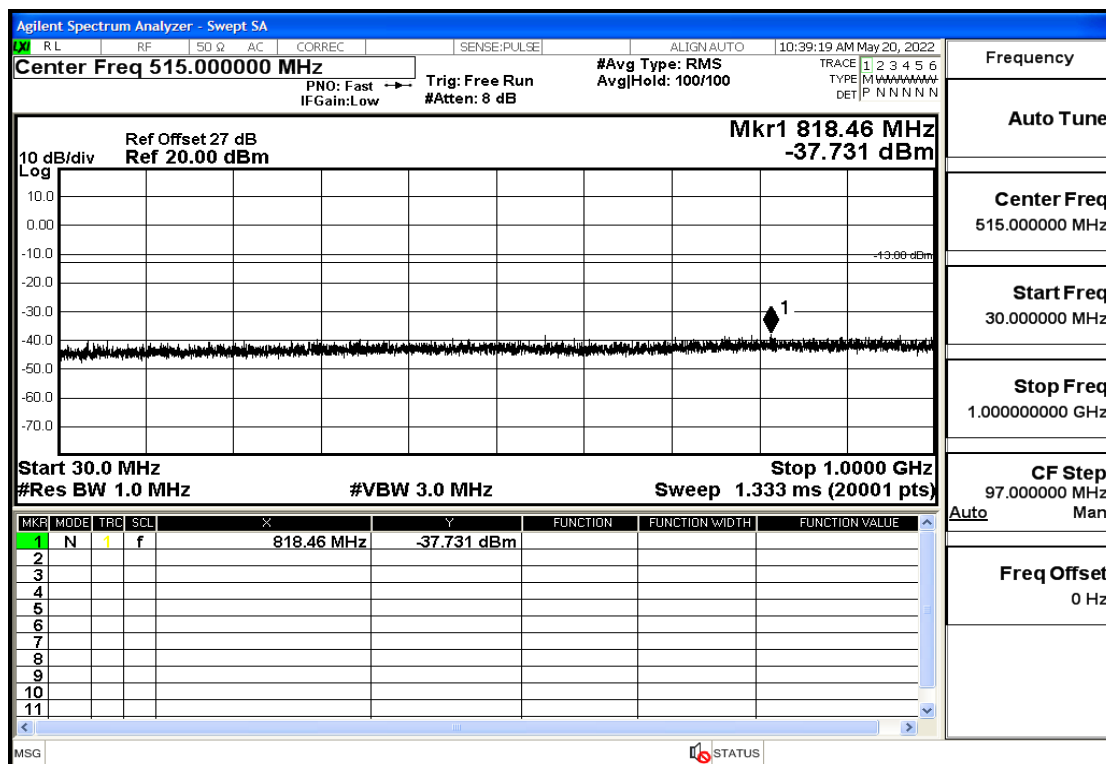
OB2-5-1880-Q16-25#LOW@7GHz-13.6GHz@Pass



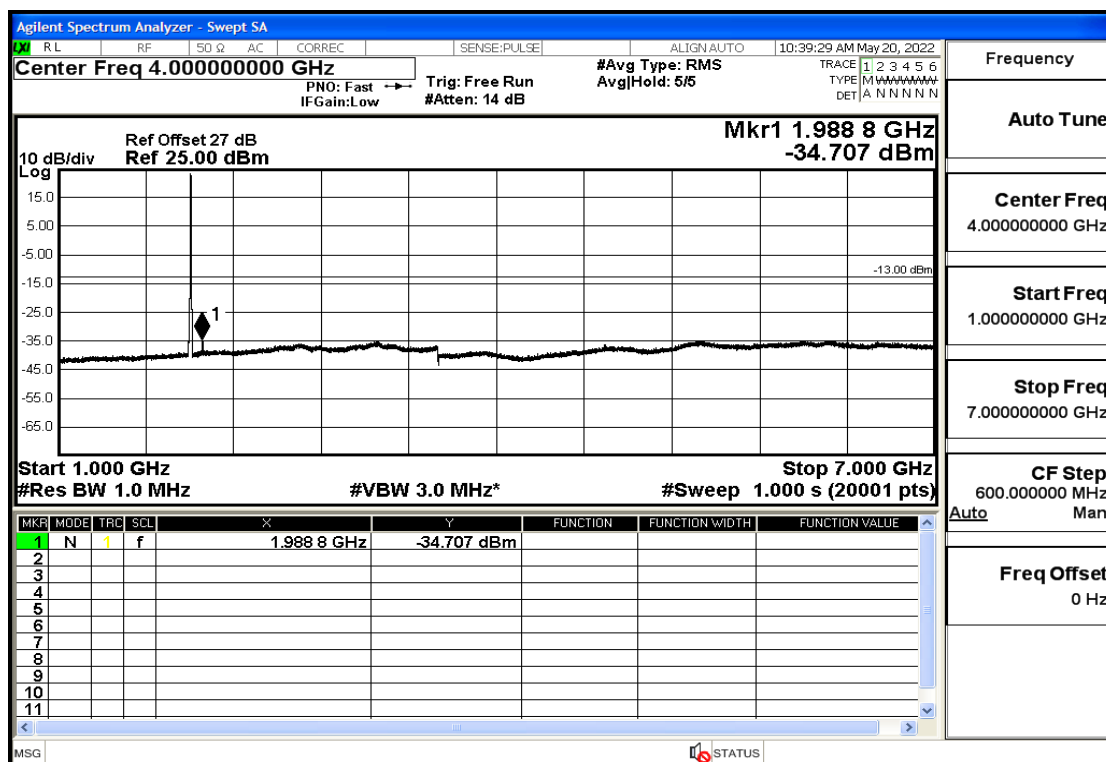
OB2-5-1880-Q16-25#LOW@13.6GHz-20GHz@Pass



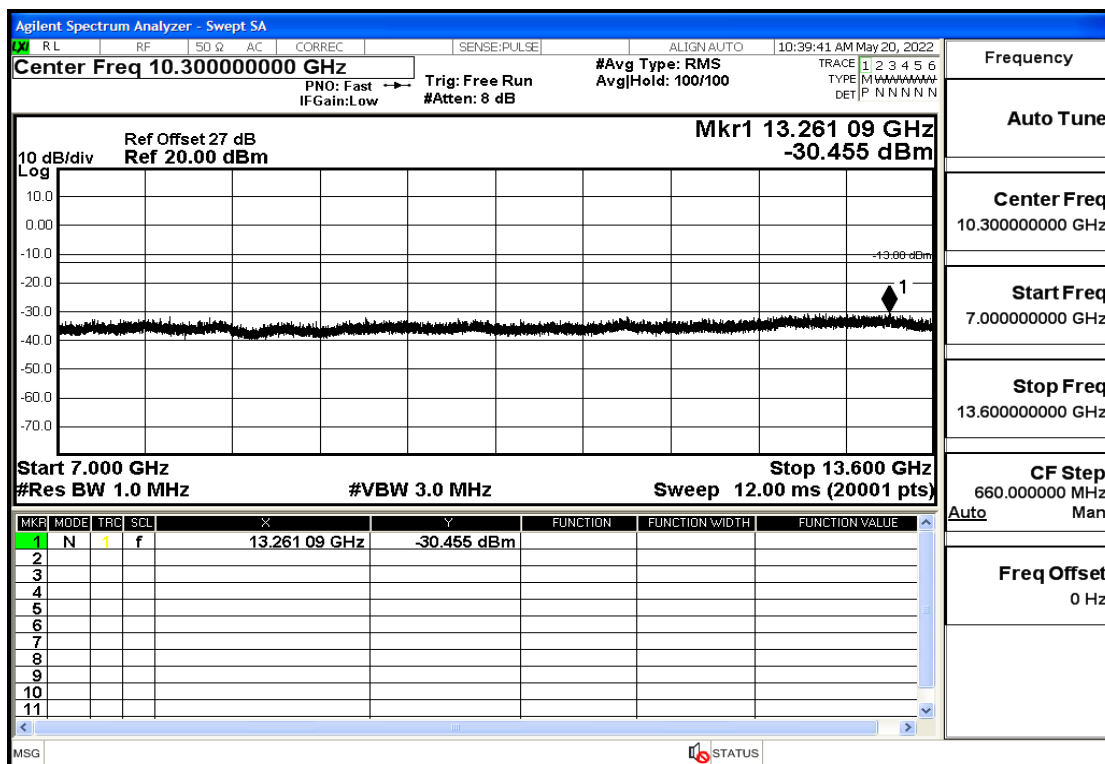
OB2-5-1907.5-Q16-25#LOW@30mHz-1GHz@Pass



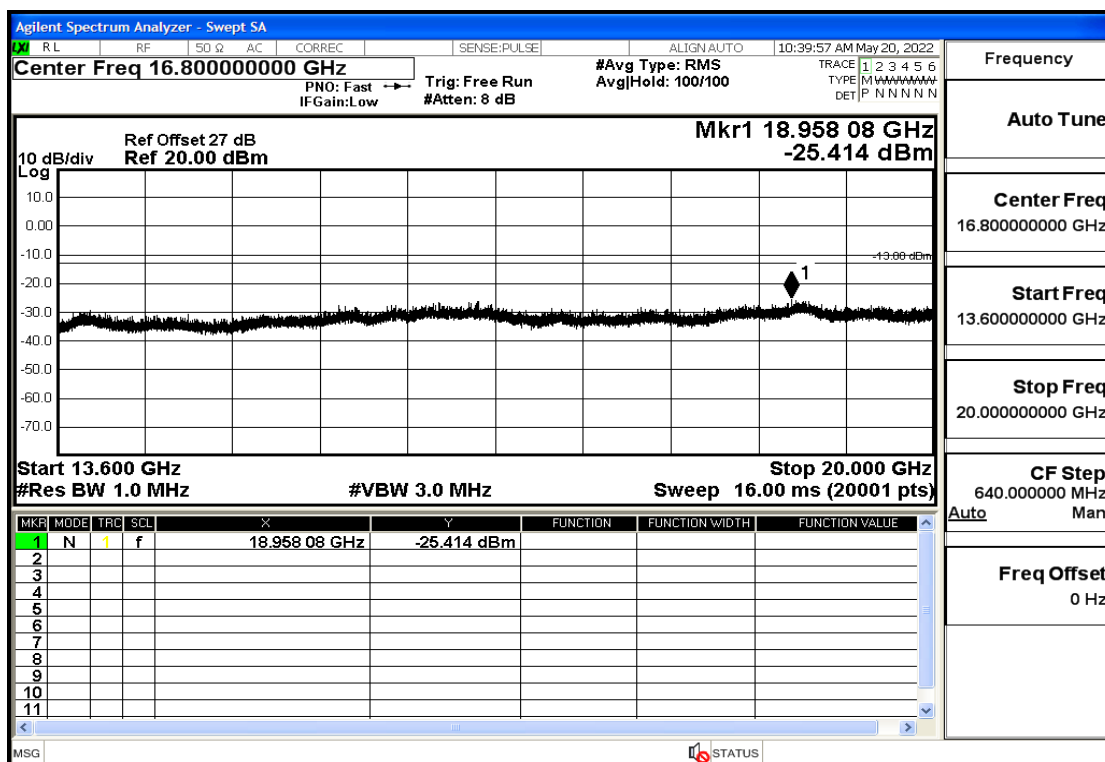
OB2-5-1907.5-Q16-25#LOW@1GHz-7GHz@Pass



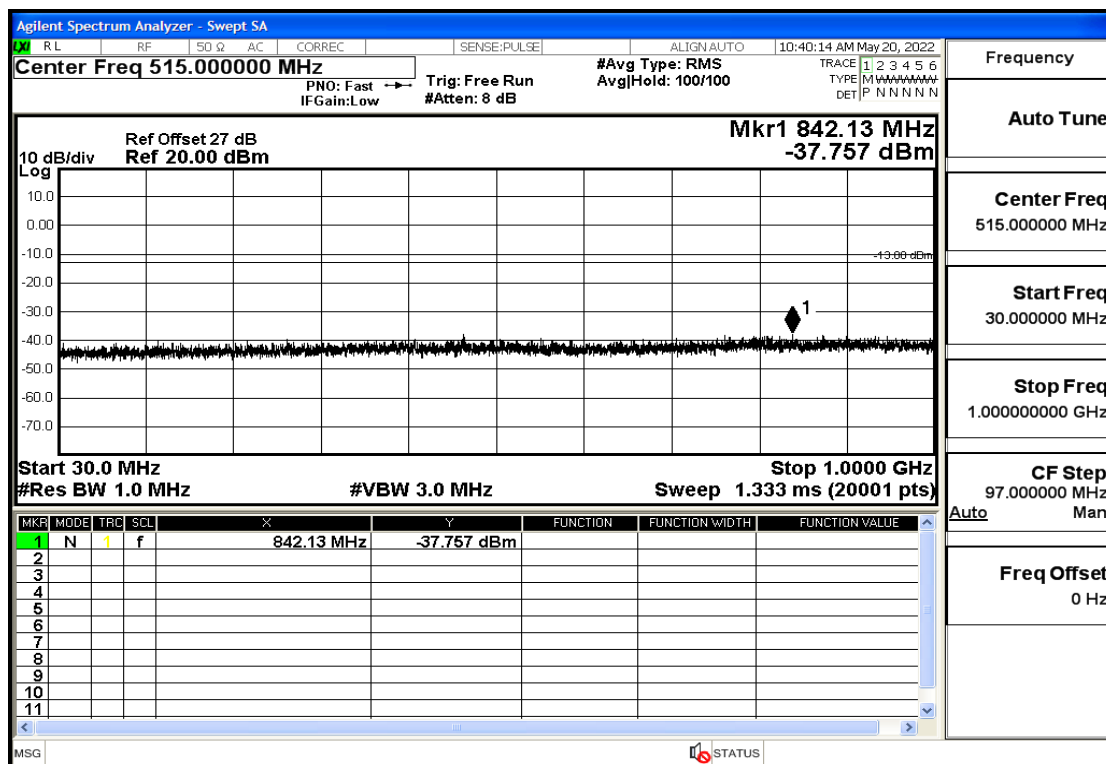
OB2-5-1907.5-Q16-25#LOW@7GHz-13.6GHz@Pass



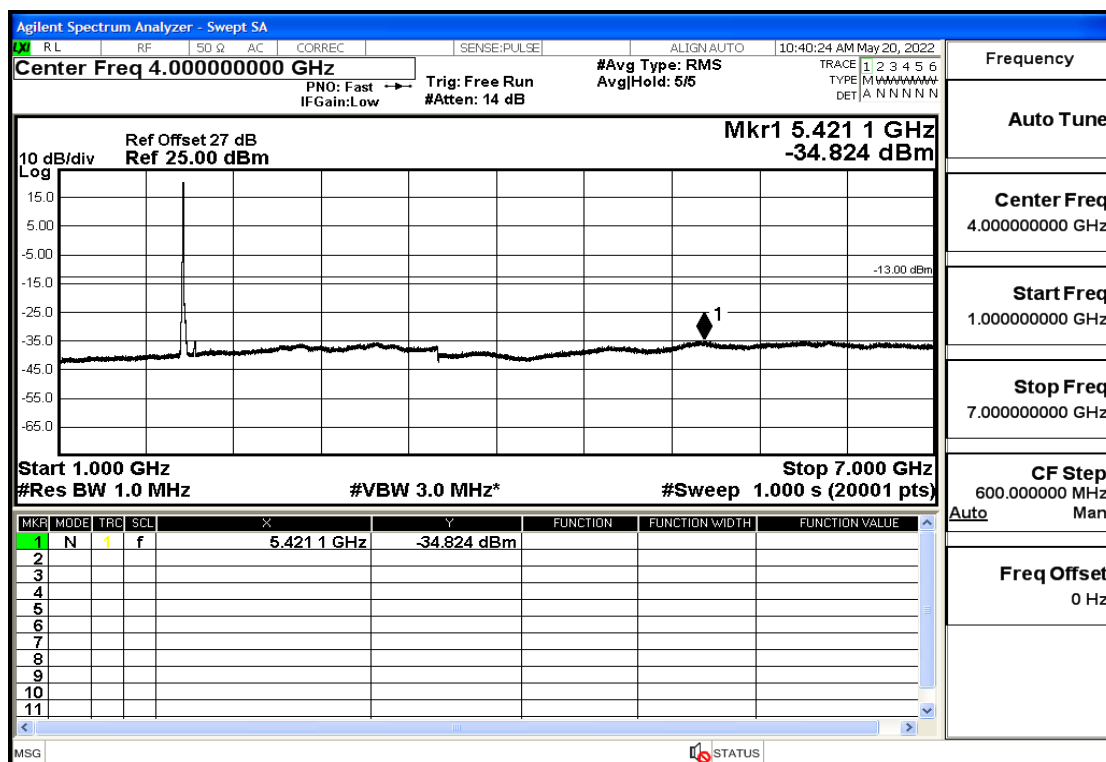
OB2-5-1907.5-Q16-25#LOW@13.6GHz-20GHz@Pass



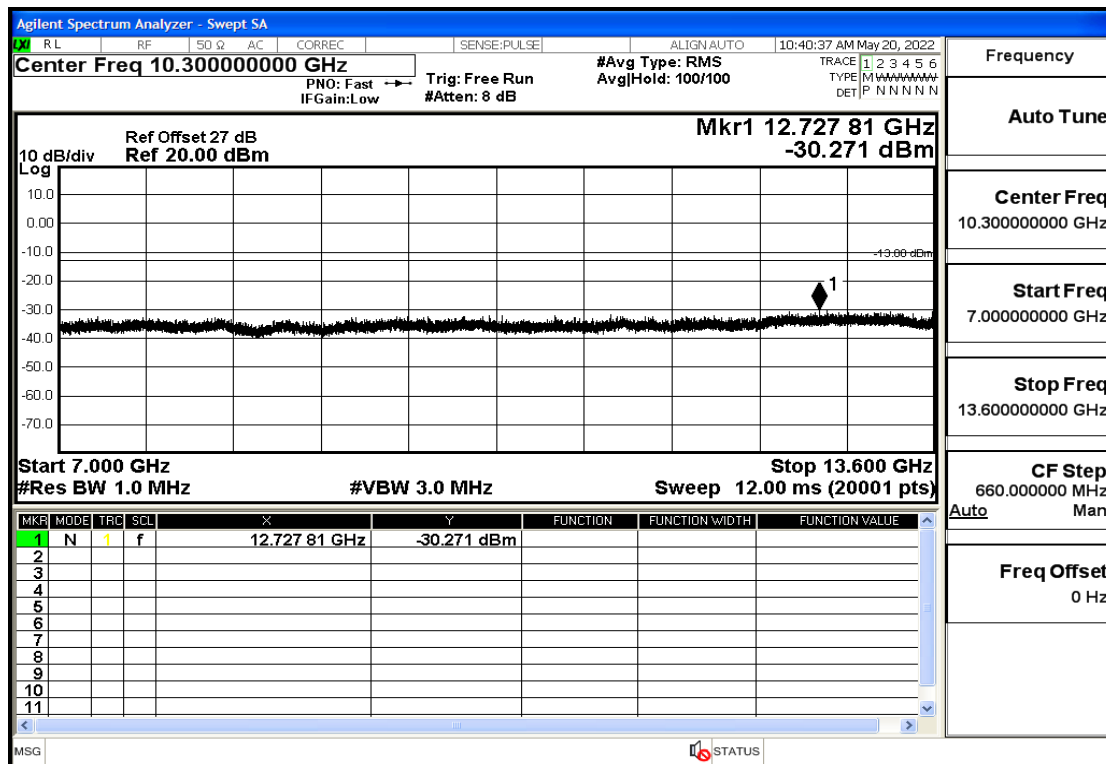
OB2-10-1855-Q16-50#LOW@30mHz-1GHz@Pass



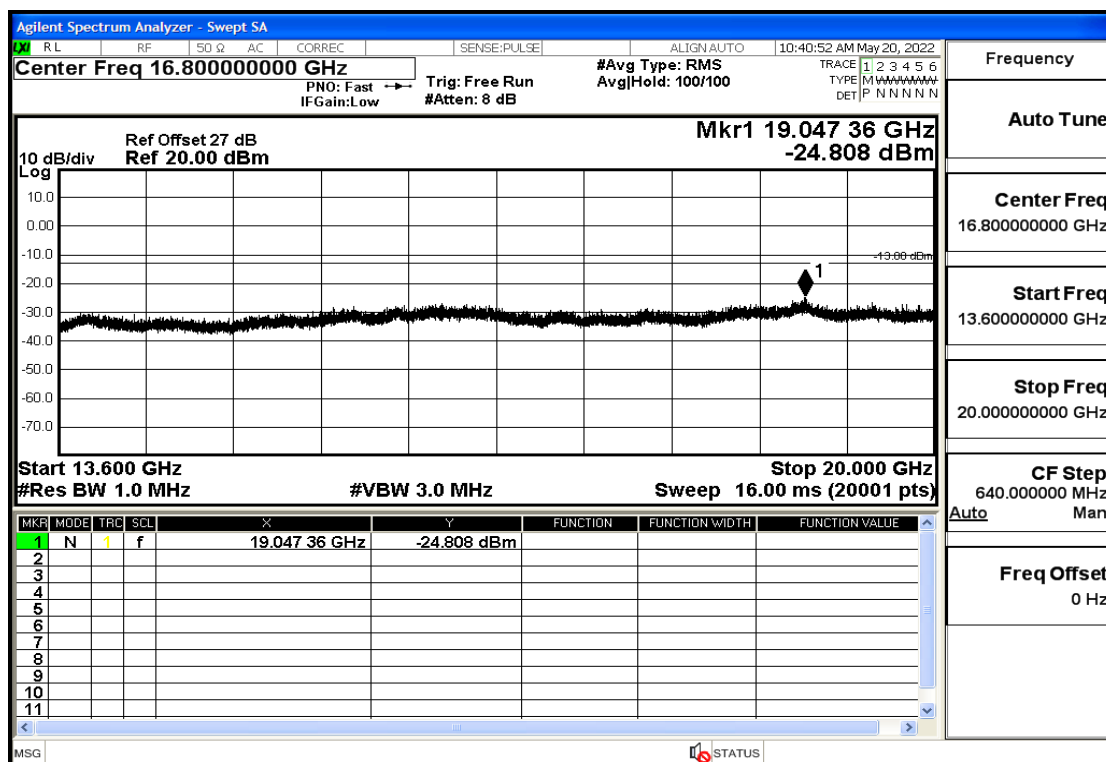
OB2-10-1855-Q16-50#LOW@1GHz-7GHz@Pass



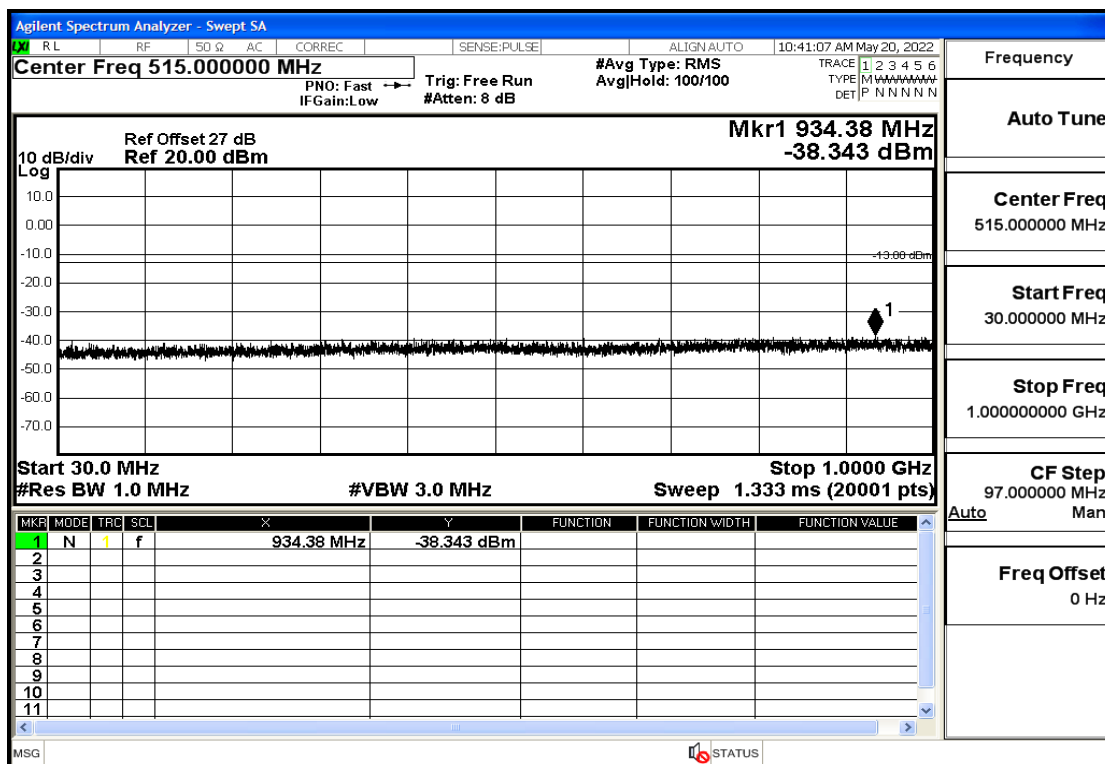
OB2-10-1855-Q16-50#LOW@7GHz-13.6GHz@Pass



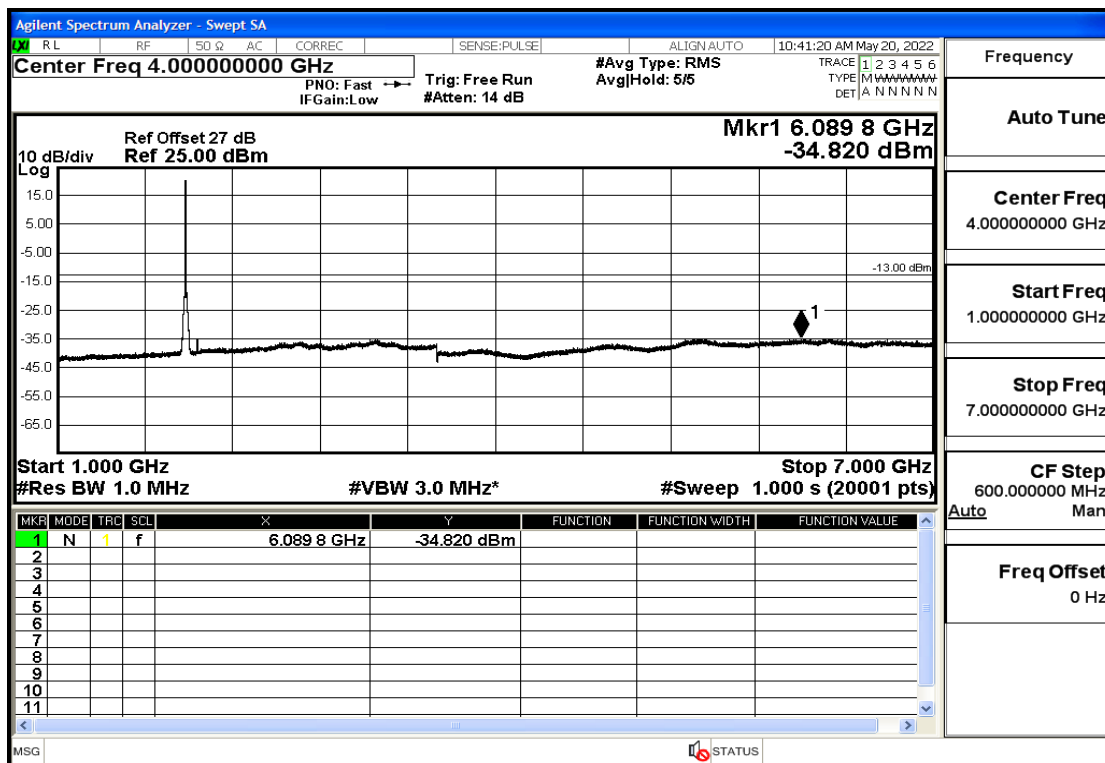
OB2-10-1855-Q16-50#LOW@13.6GHz-20GHz@Pass



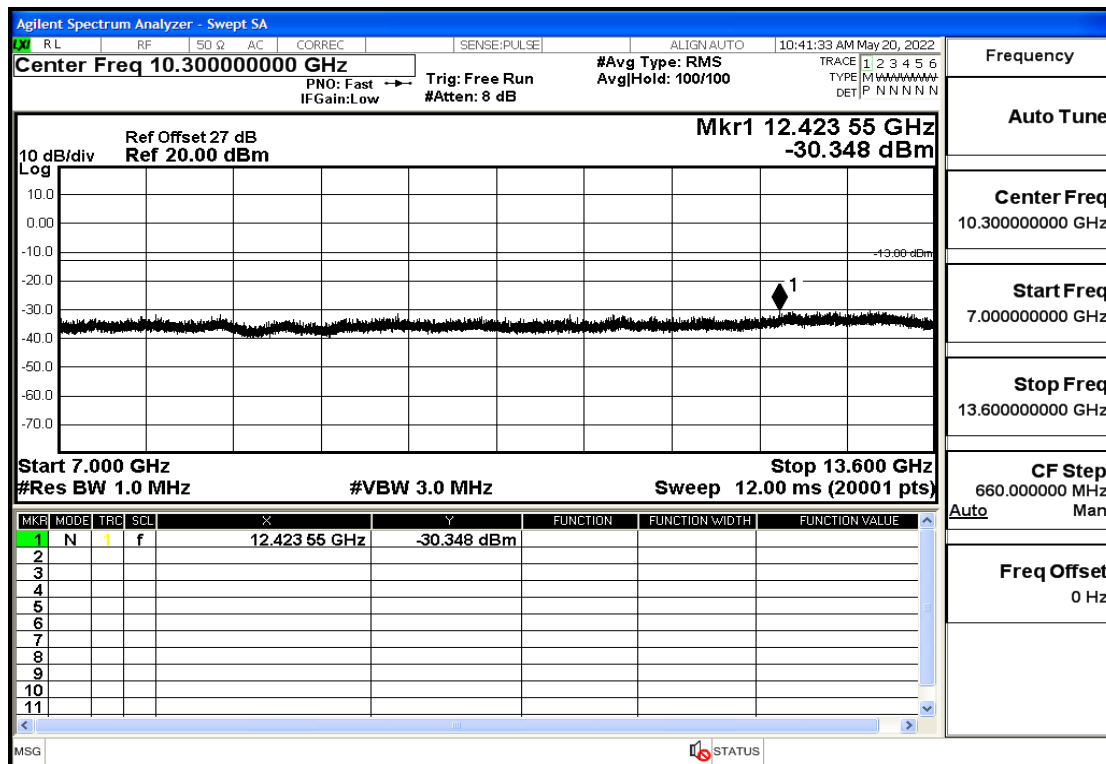
OB2-10-1880-Q16-50#LOW@30mHz-1GHz@Pass



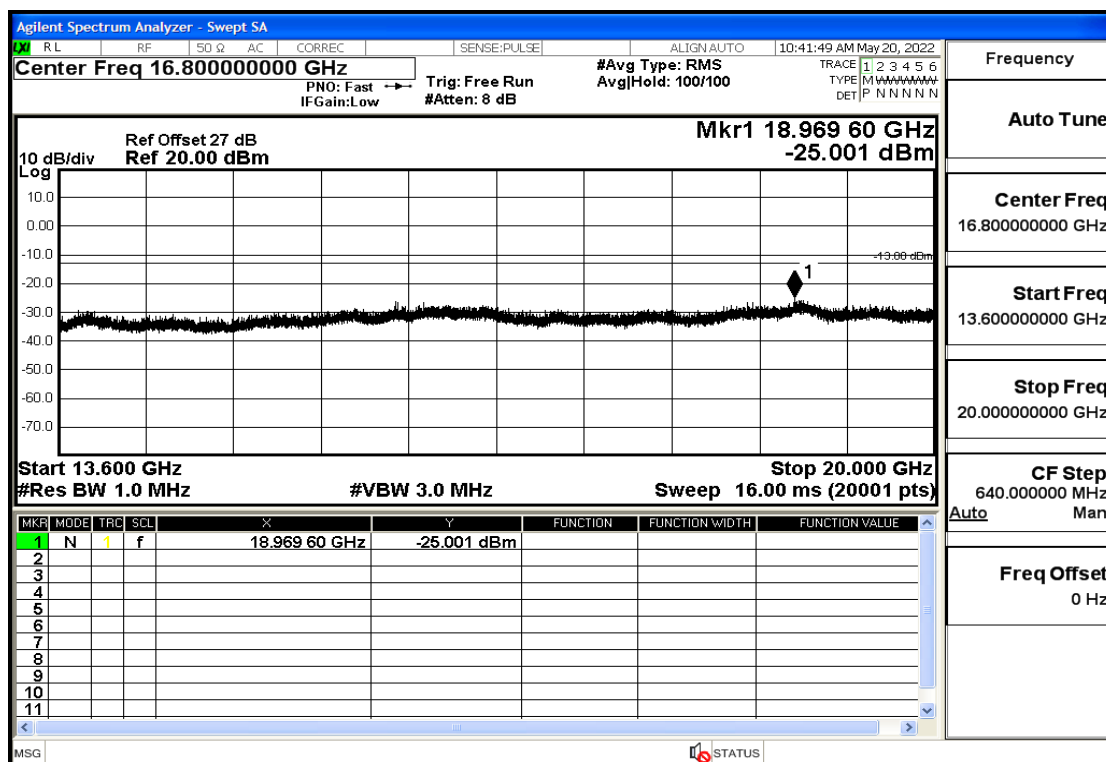
OB2-10-1880-Q16-50#LOW@1GHz-7GHz@Pass



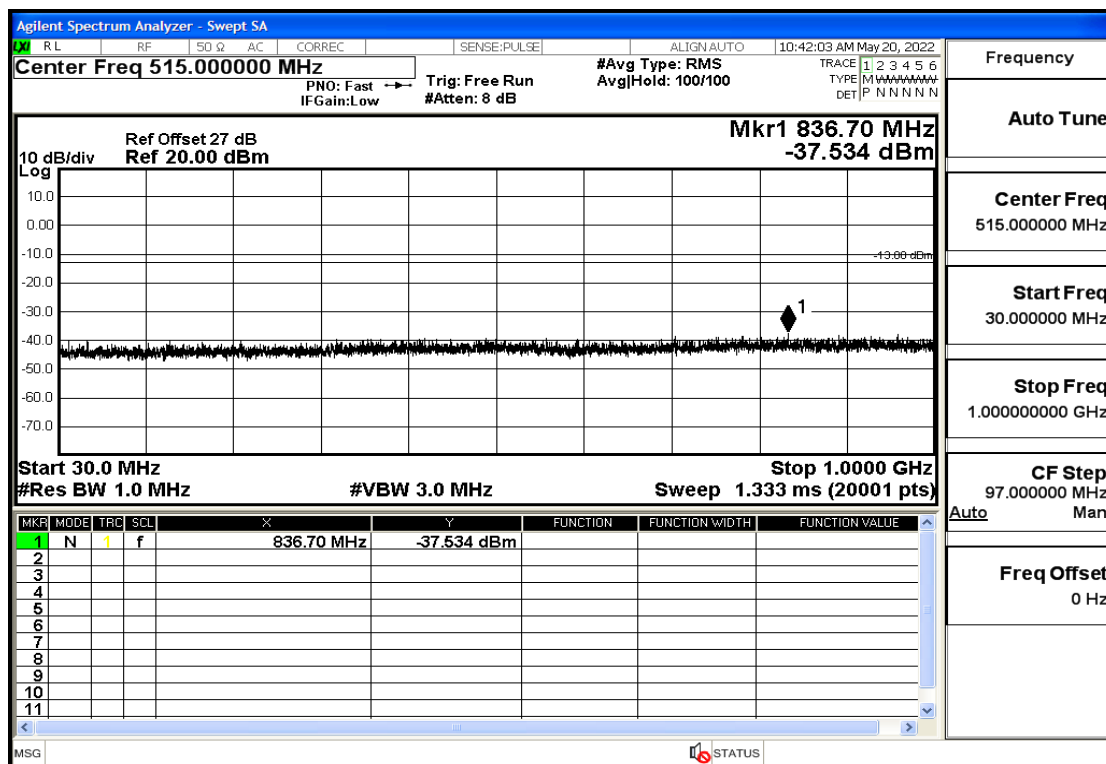
OB2-10-1880-Q16-50#LOW@7GHz-13.6GHz@Pass



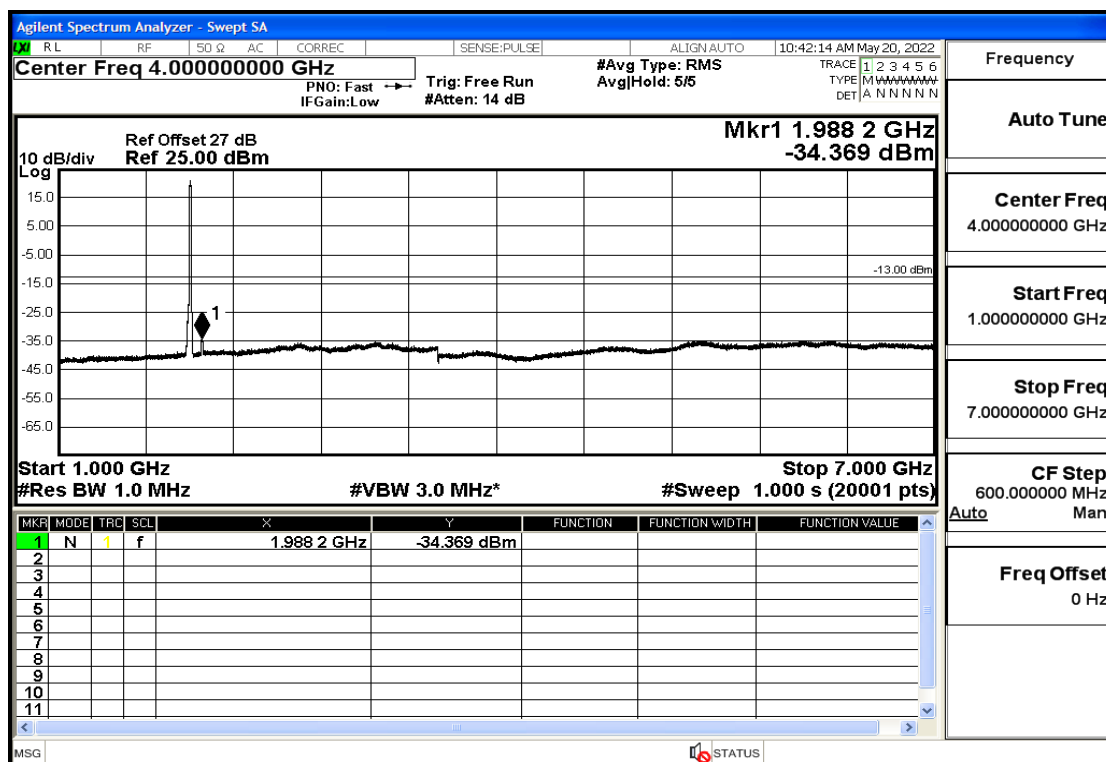
OB2-10-1880-Q16-50#LOW@13.6GHz-20GHz@Pass



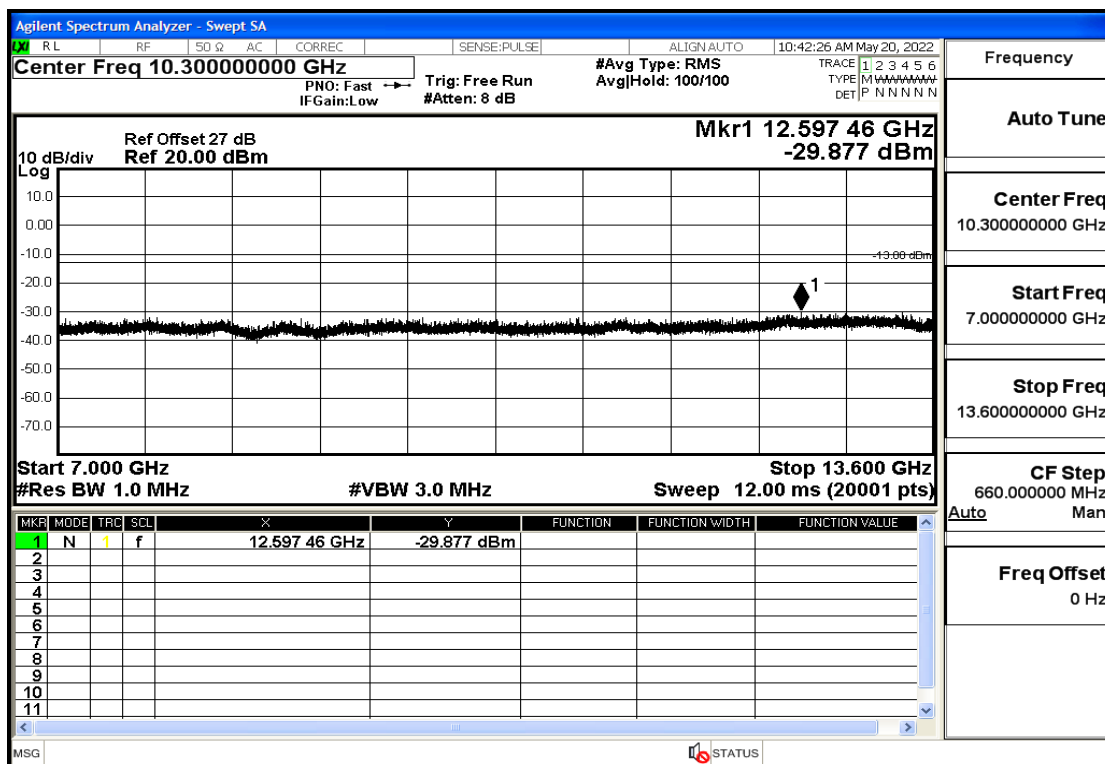
OB2-10-1905-Q16-50#LOW@30mHz-1GHz@Pass



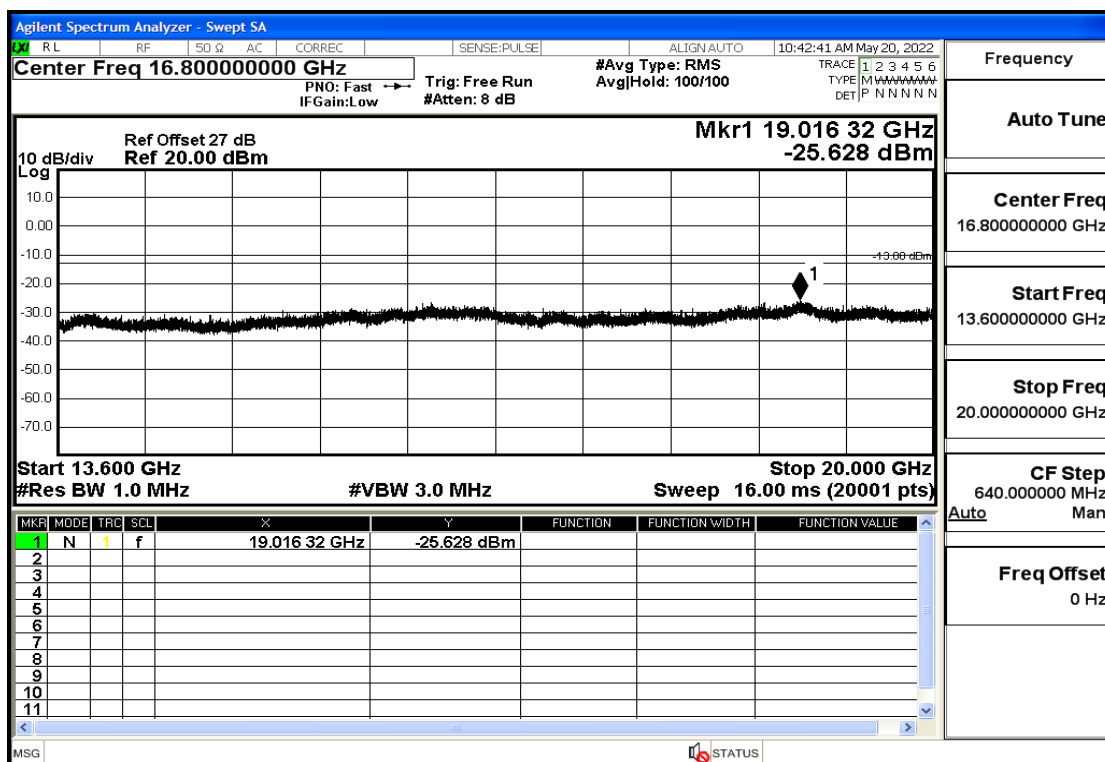
OB2-10-1905-Q16-50#LOW@1GHz-7GHz@Pass



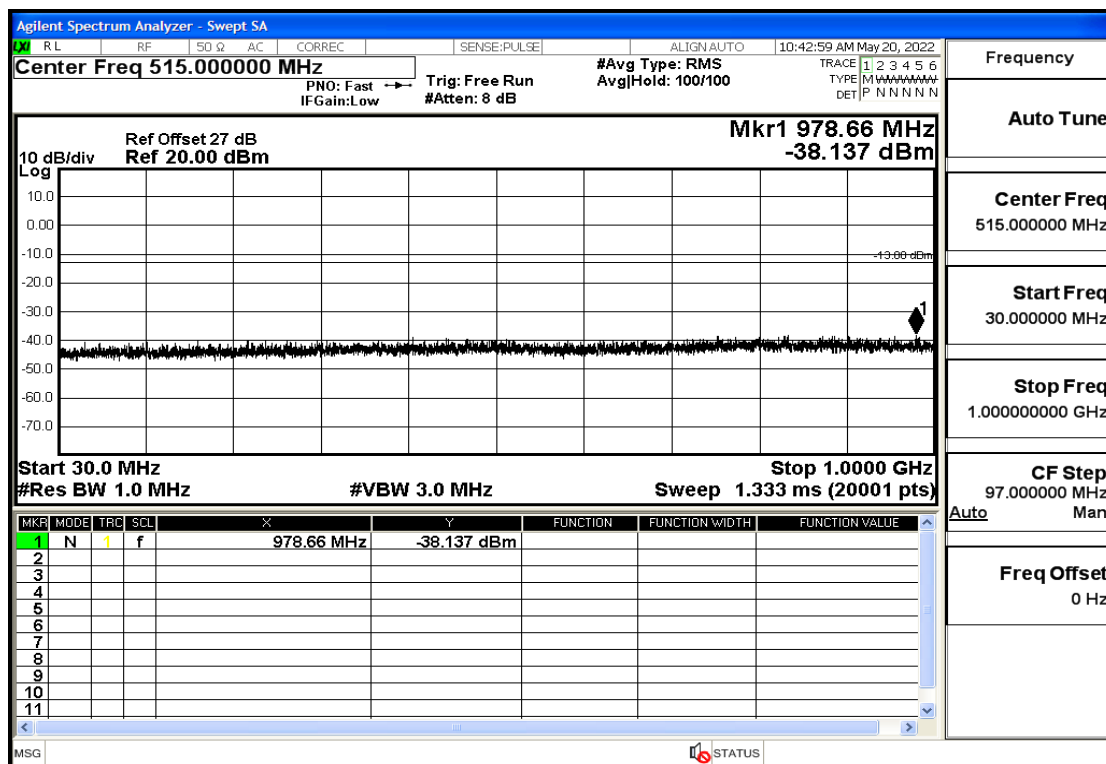
OB2-10-1905-Q16-50#LOW@7GHz-13.6GHz@Pass



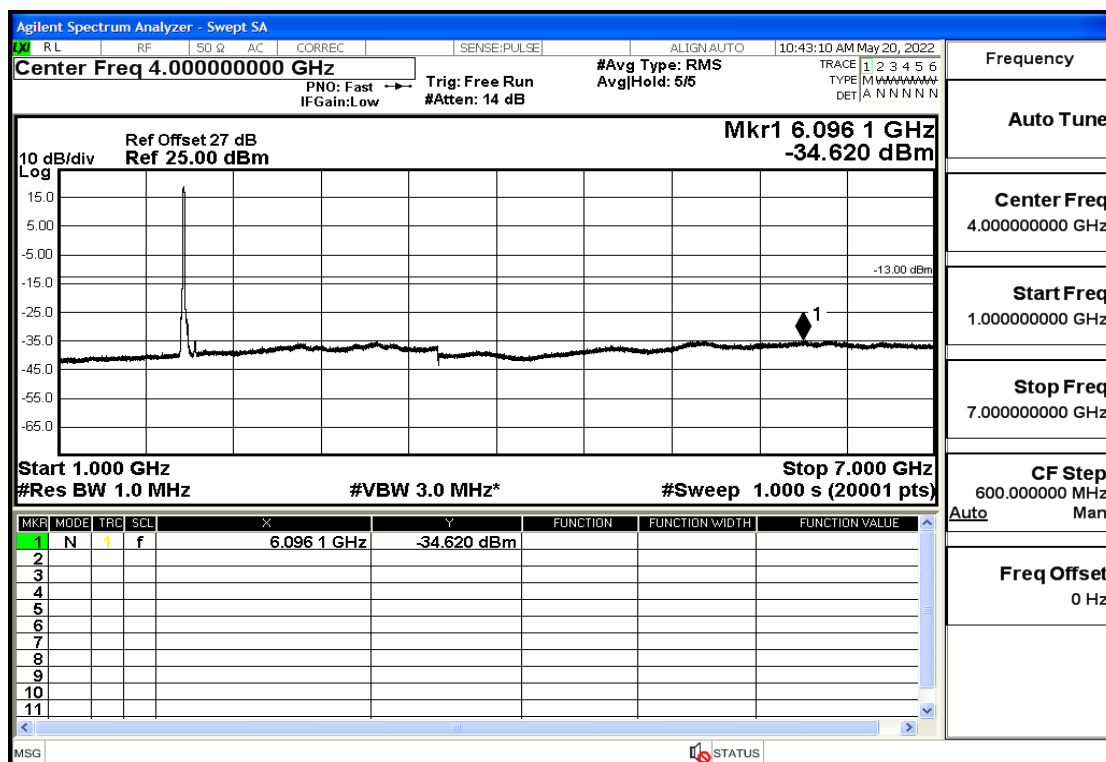
OB2-10-1905-Q16-50#LOW@13.6GHz-20GHz@Pass



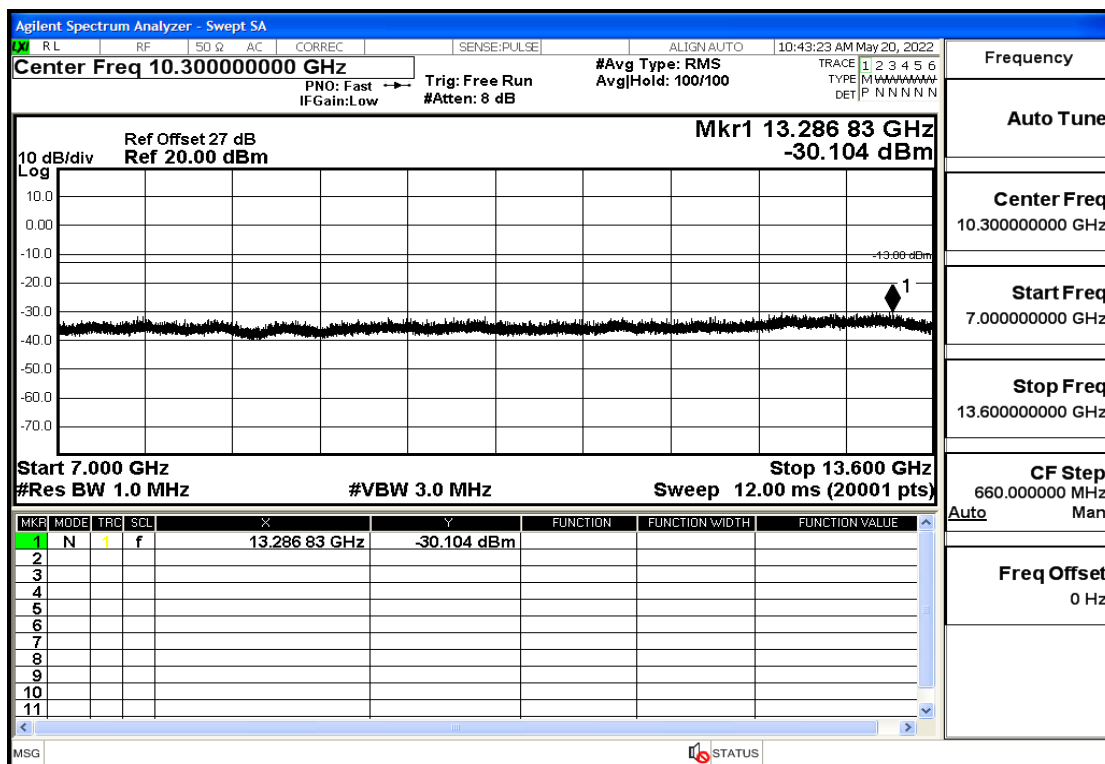
OB2-15-1857.5-Q16-75#LOW@30mHz-1GHz@Pass



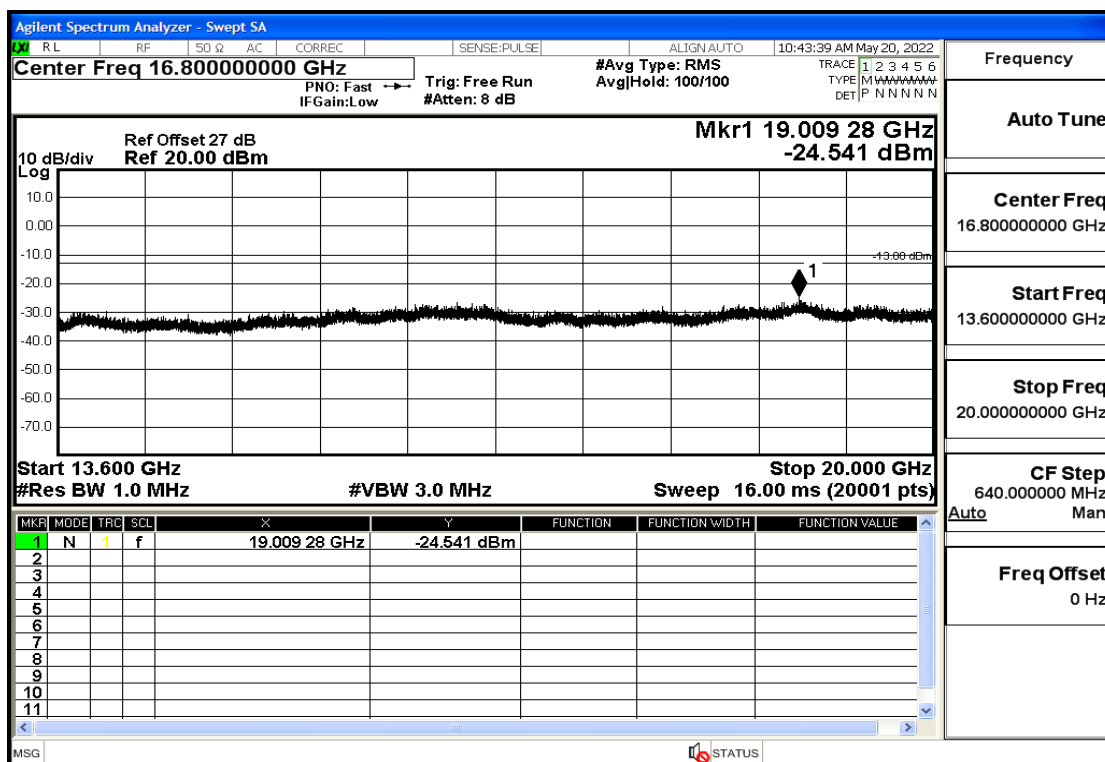
OB2-15-1857.5-Q16-75#LOW@1GHz-7GHz@Pass



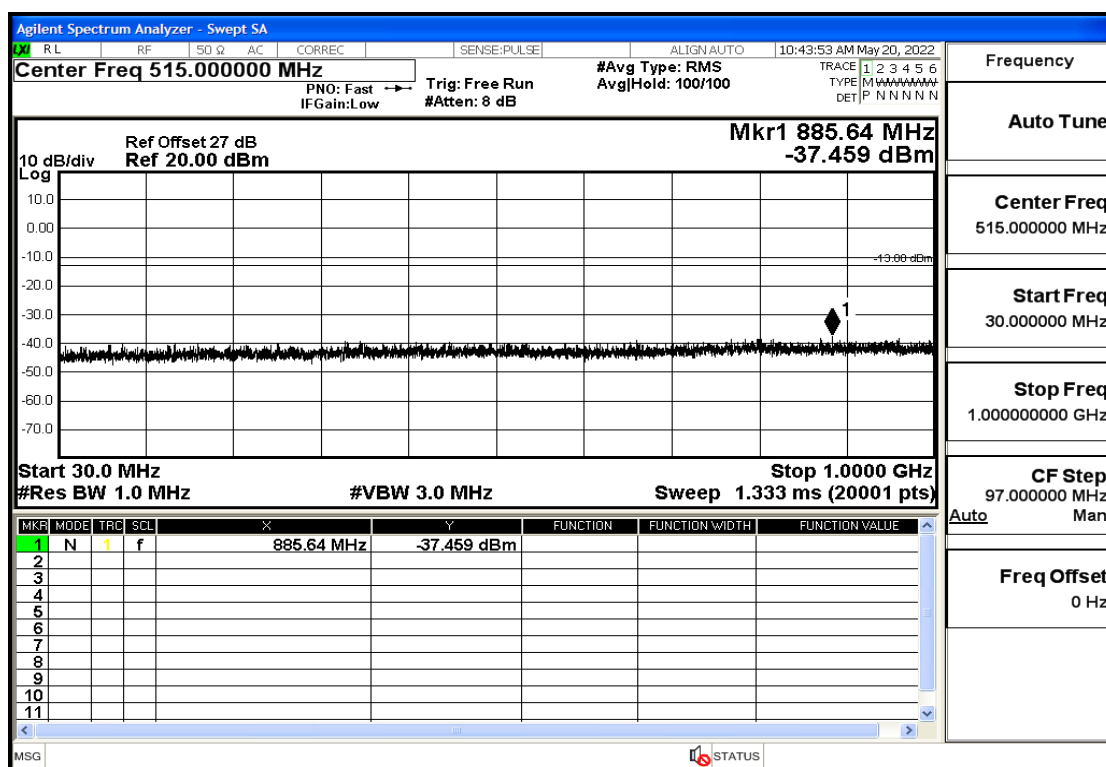
OB2-15-1857.5-Q16-75#LOW@7GHz-13.6GHz@Pass



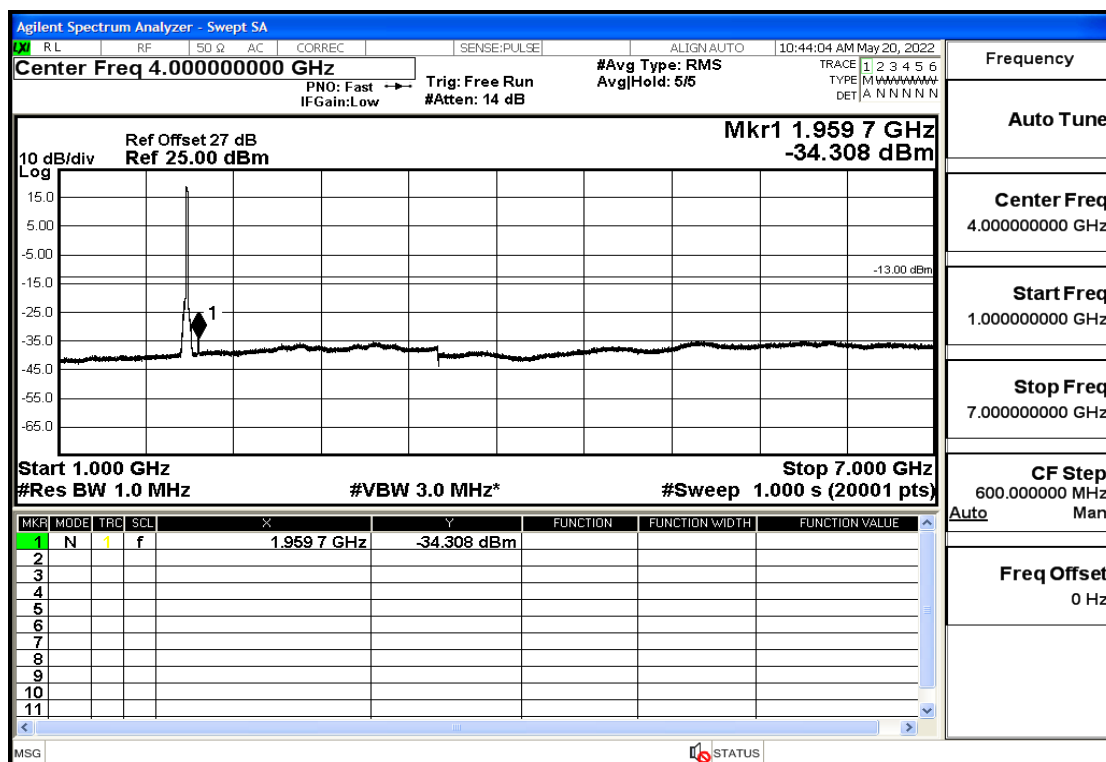
OB2-15-1857.5-Q16-75#LOW@13.6GHz-20GHz@Pass



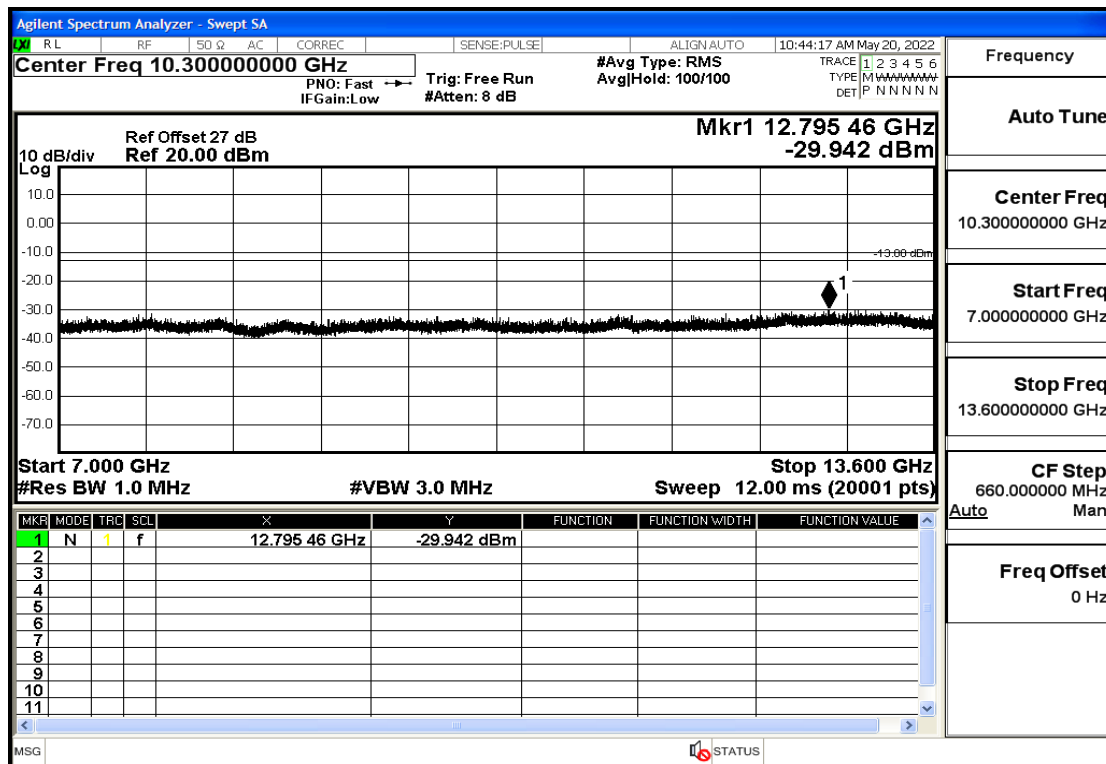
OB2-15-1880-Q16-75#LOW@30mHz-1GHz@Pass



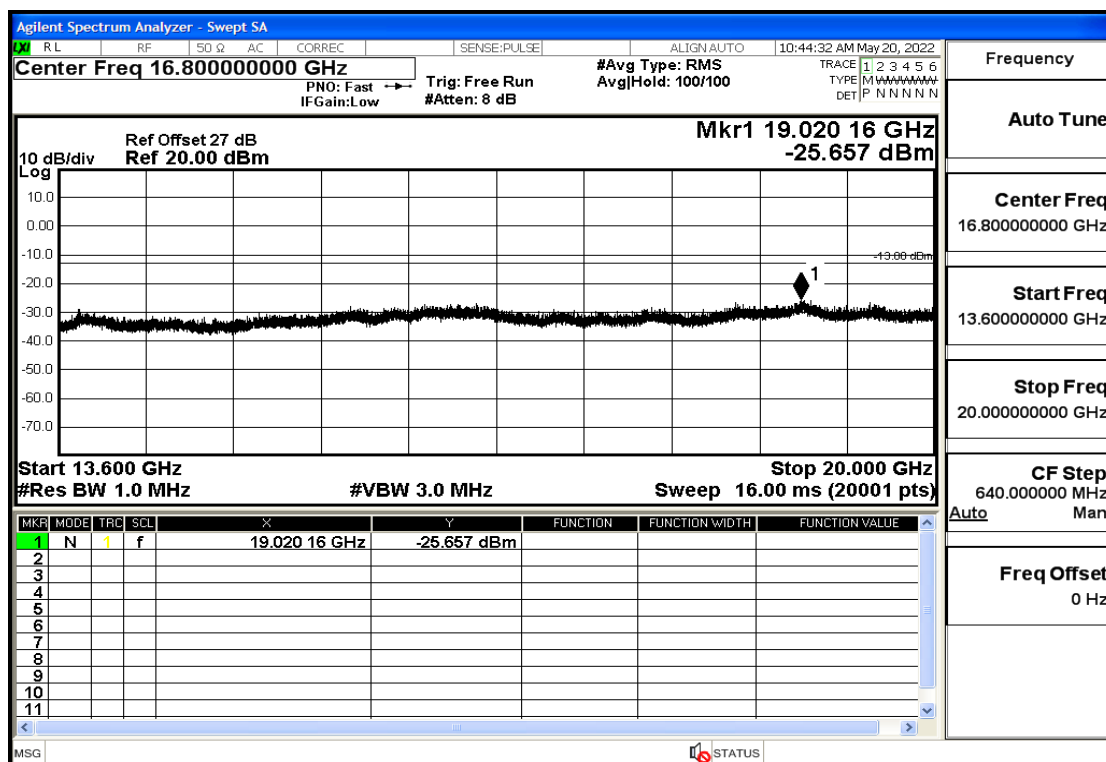
OB2-15-1880-Q16-75#LOW@1GHz-7GHz@Pass



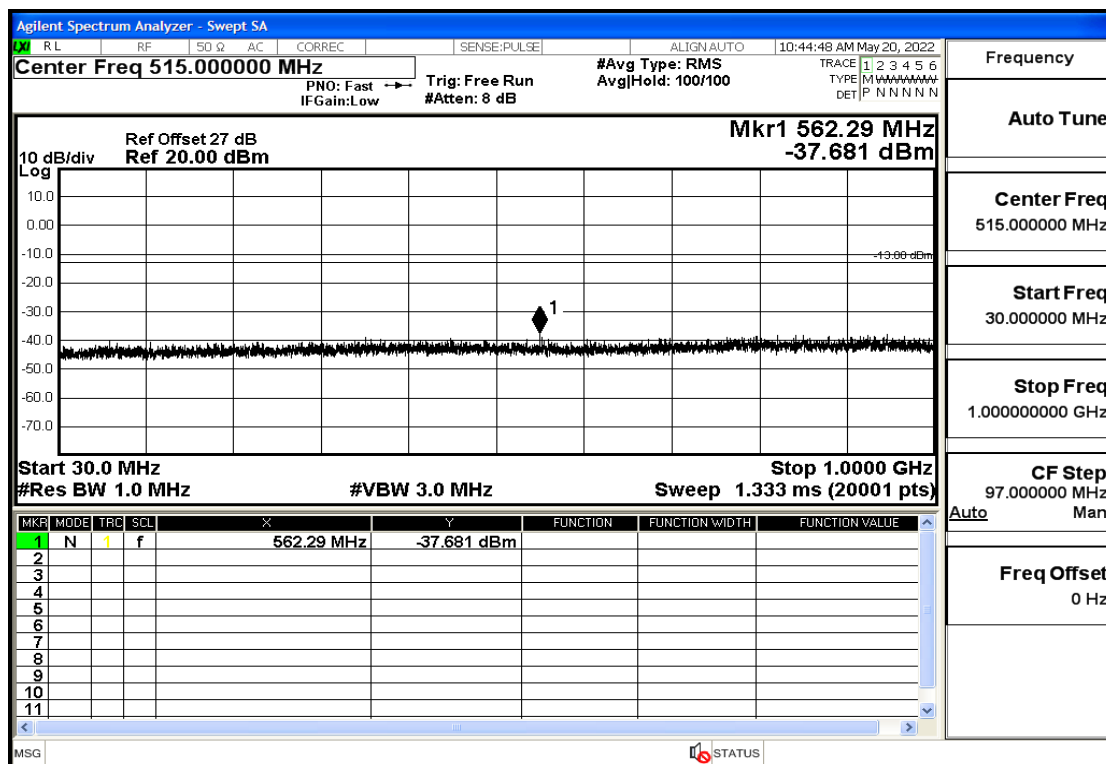
OB2-15-1880-Q16-75#LOW@7GHz-13.6GHz@Pass



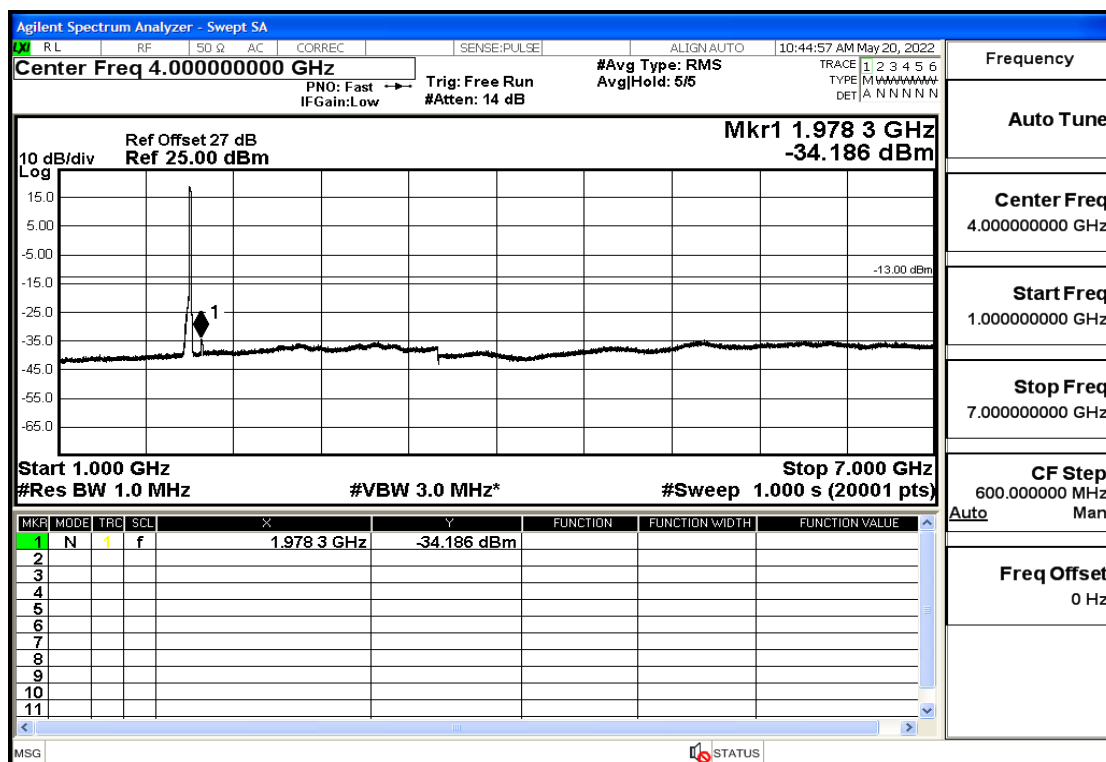
OB2-15-1880-Q16-75#LOW@13.6GHz-20GHz@Pass



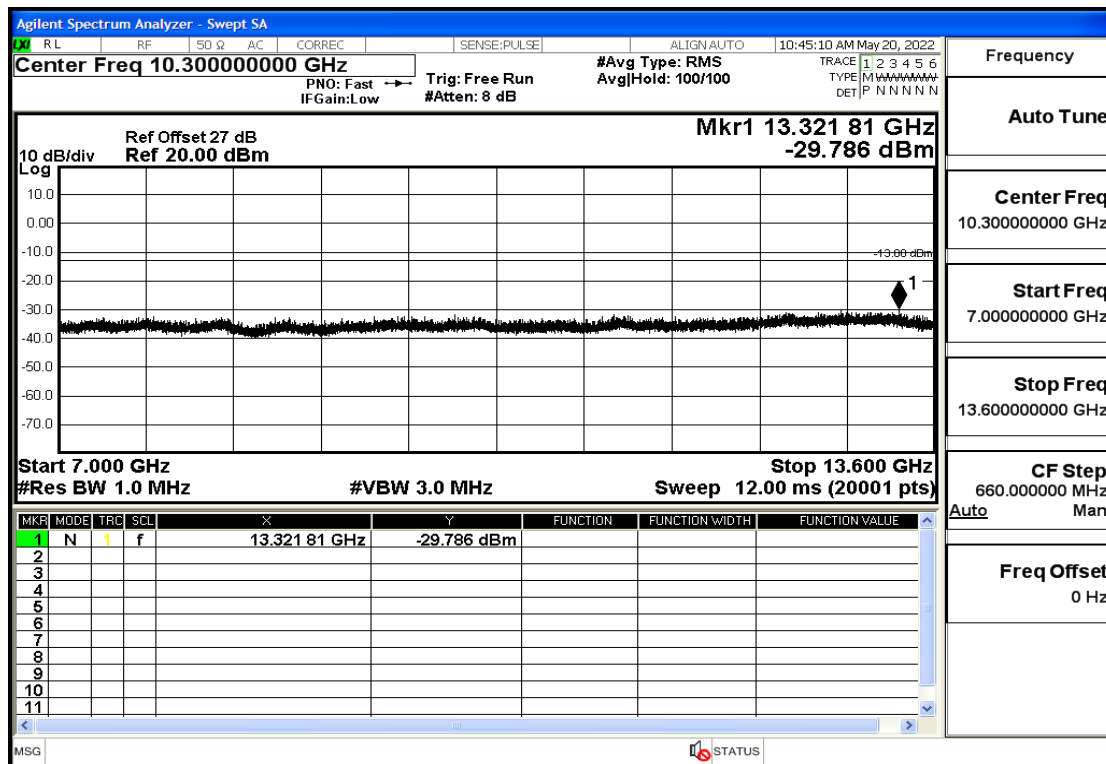
OB2-15-1902.5-Q16-75#LOW@30mHz-1GHz@Pass



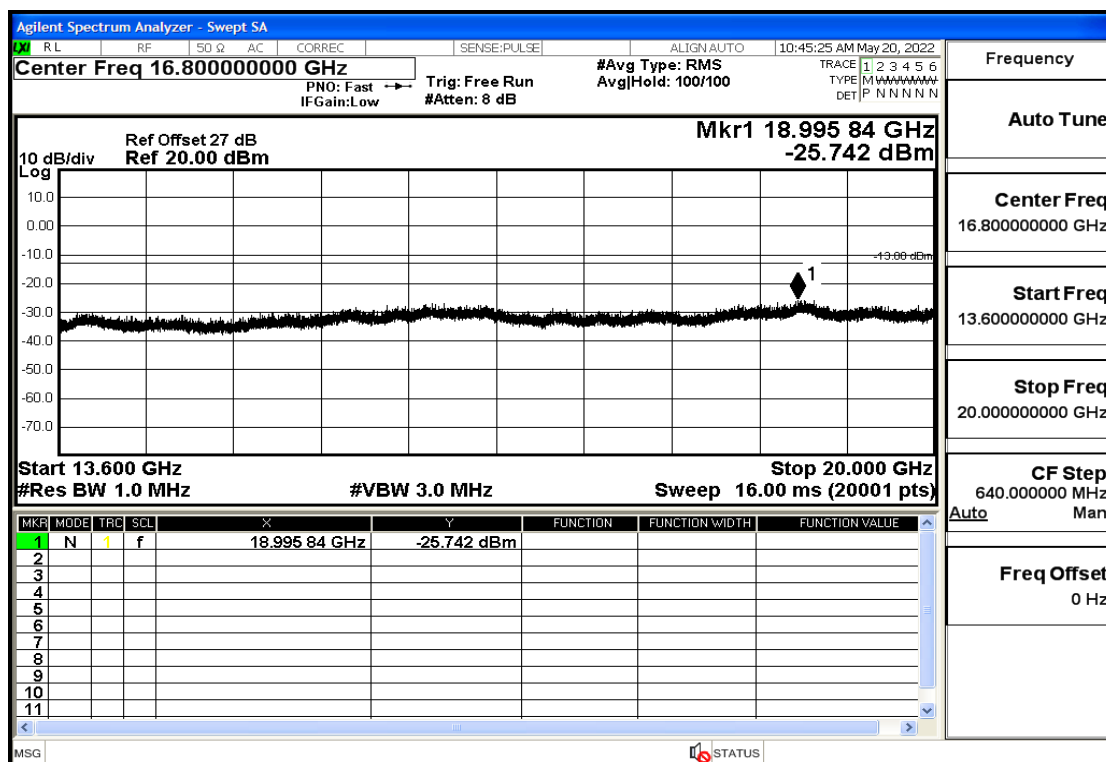
OB2-15-1902.5-Q16-75#LOW@1GHz-7GHz@Pass



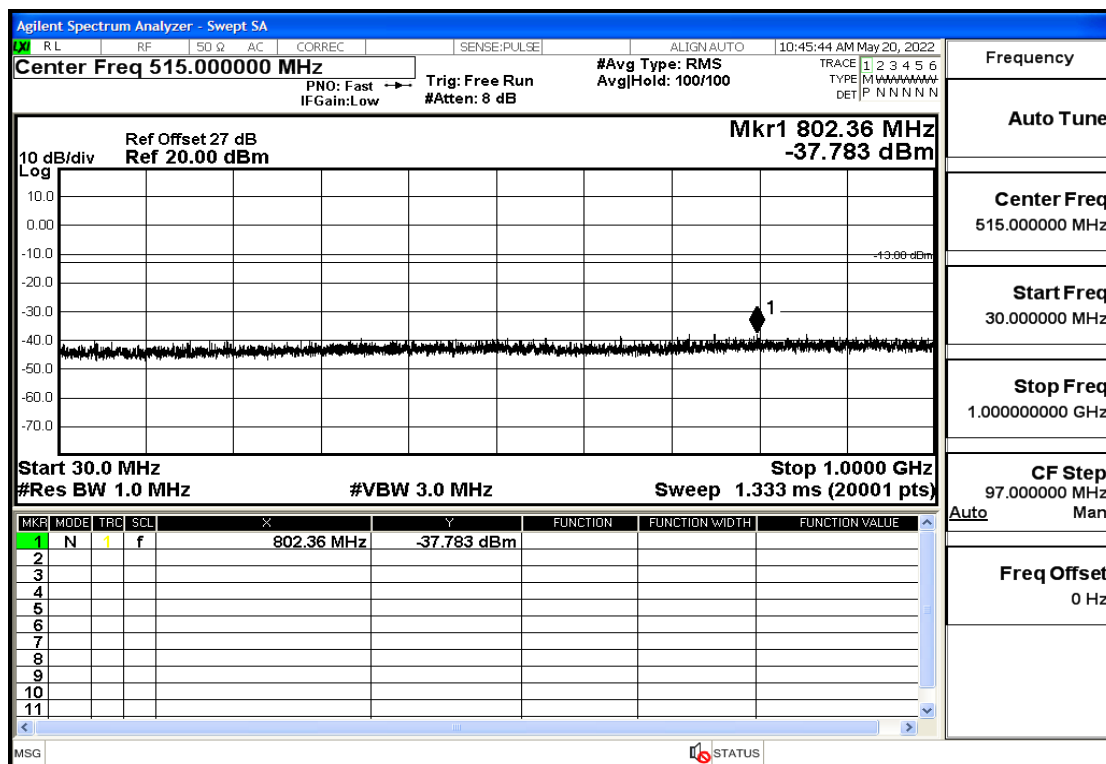
OB2-15-1902.5-Q16-75#LOW@7GHz-13.6GHz@Pass



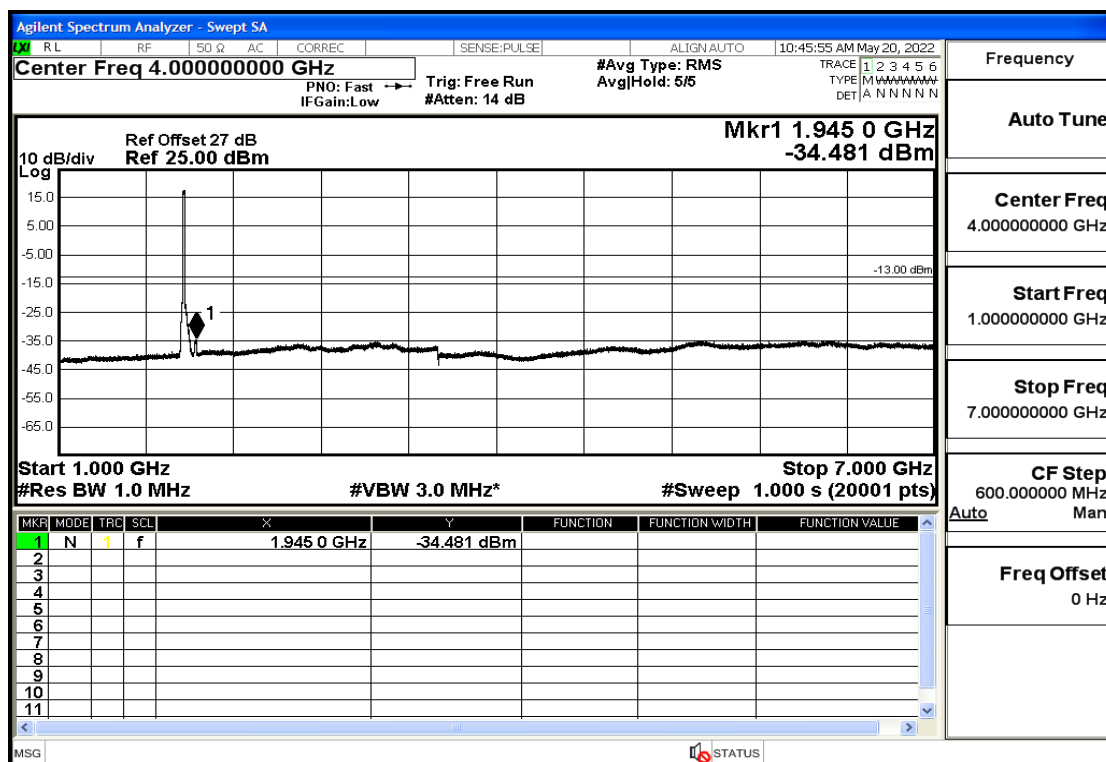
OB2-15-1902.5-Q16-75#LOW@13.6GHz-20GHz@Pass



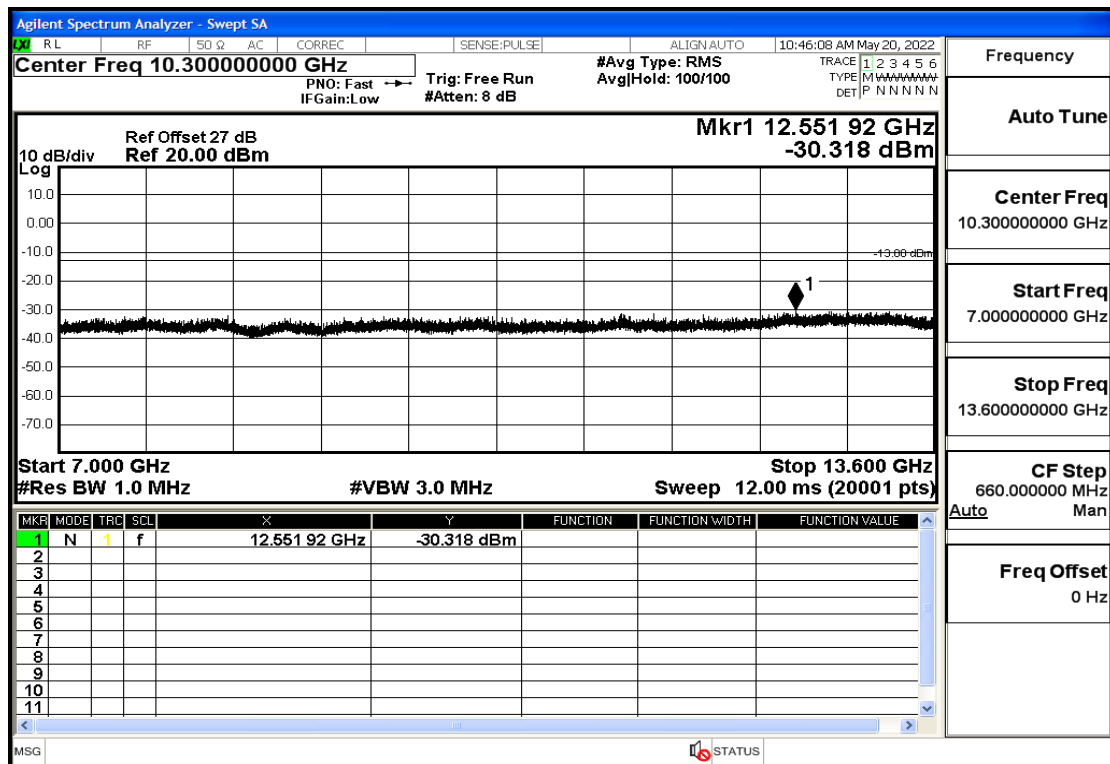
OB2-20-1860-Q16-100#LOW@30mHz-1GHz@Pass



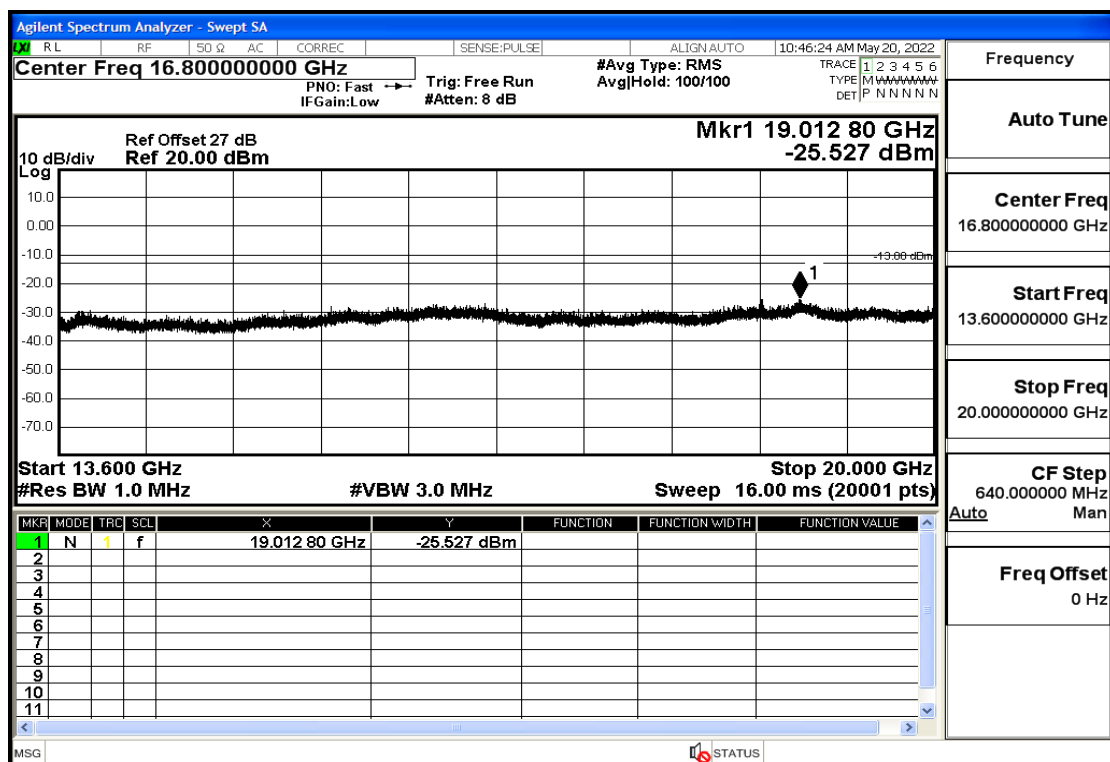
OB2-20-1860-Q16-100#LOW@1GHz-7GHz@Pass



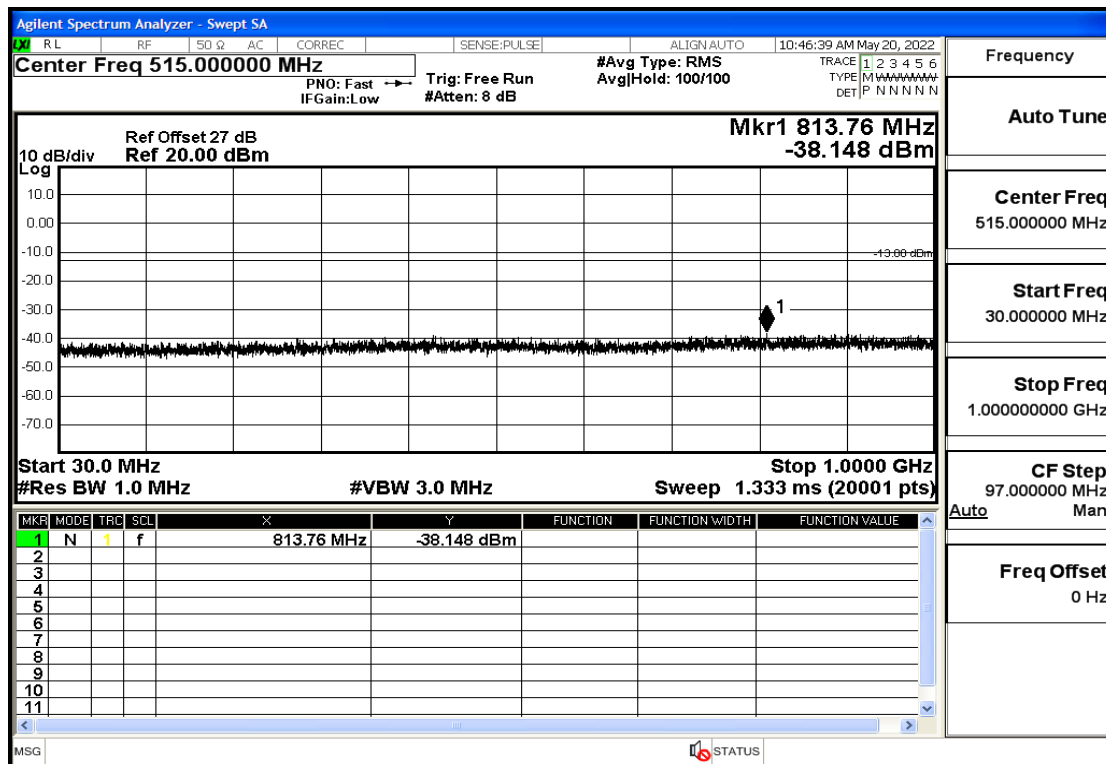
OB2-20-1860-Q16-100#LOW@7GHz-13.6GHz@Pass



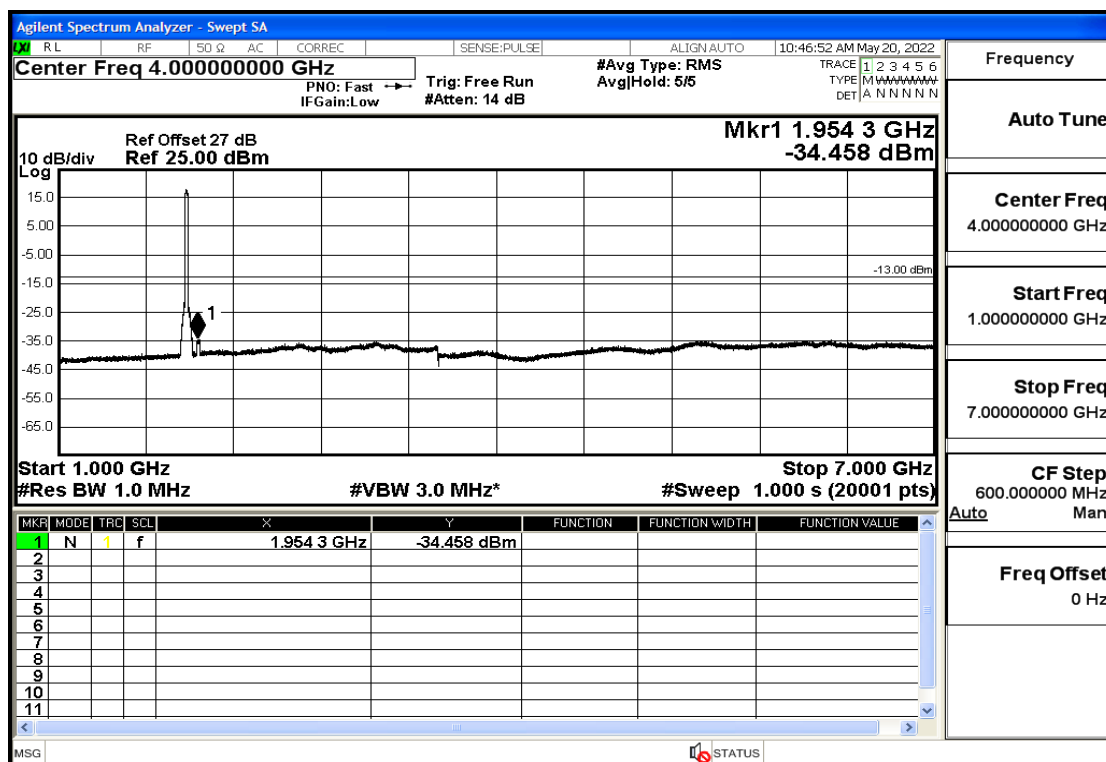
OB2-20-1860-Q16-100#LOW@13.6GHz-20GHz@Pass



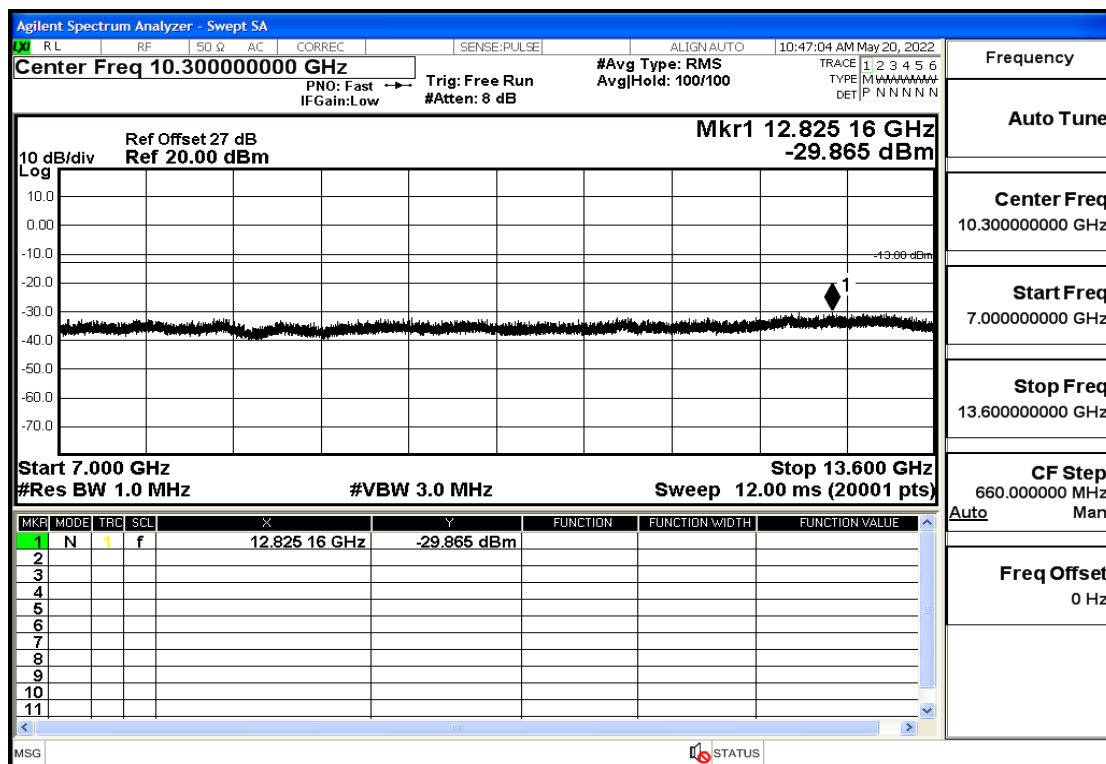
OB2-20-1880-Q16-100#LOW@30mHz-1GHz@Pass



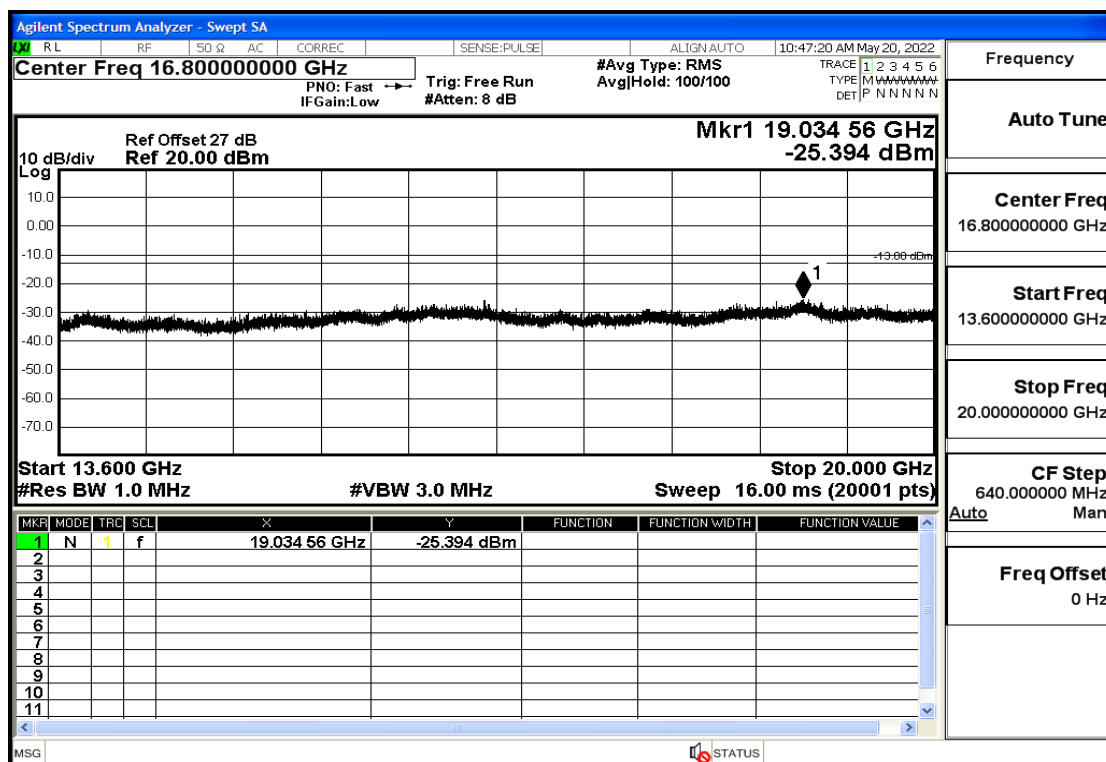
OB2-20-1880-Q16-100#LOW@1GHz-7GHz@Pass



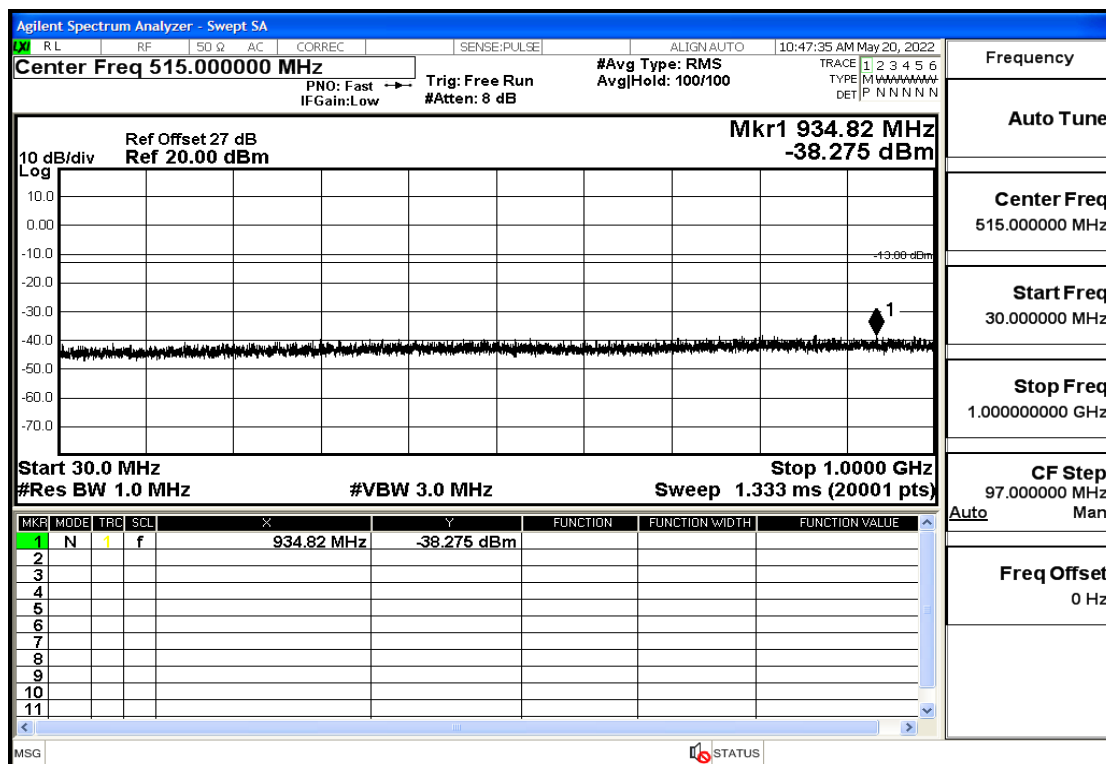
OB2-20-1880-Q16-100#LOW@7GHz-13.6GHz@Pass



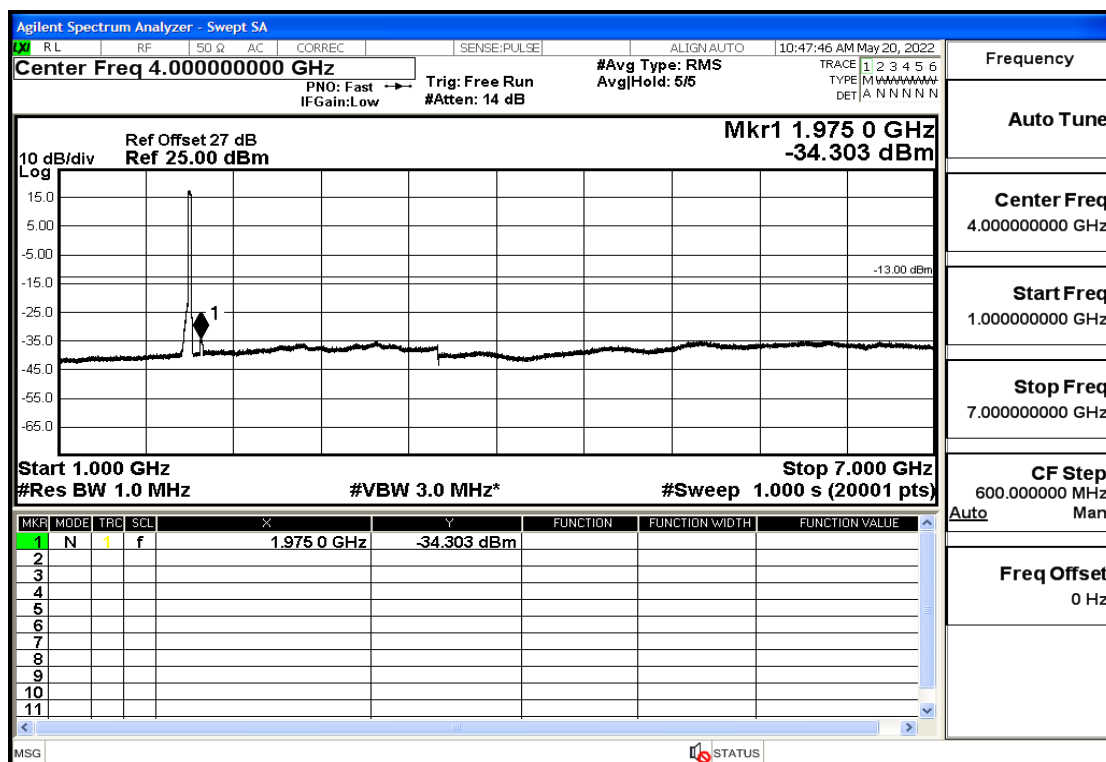
OB2-20-1880-Q16-100#LOW@13.6GHz-20GHz@Pass



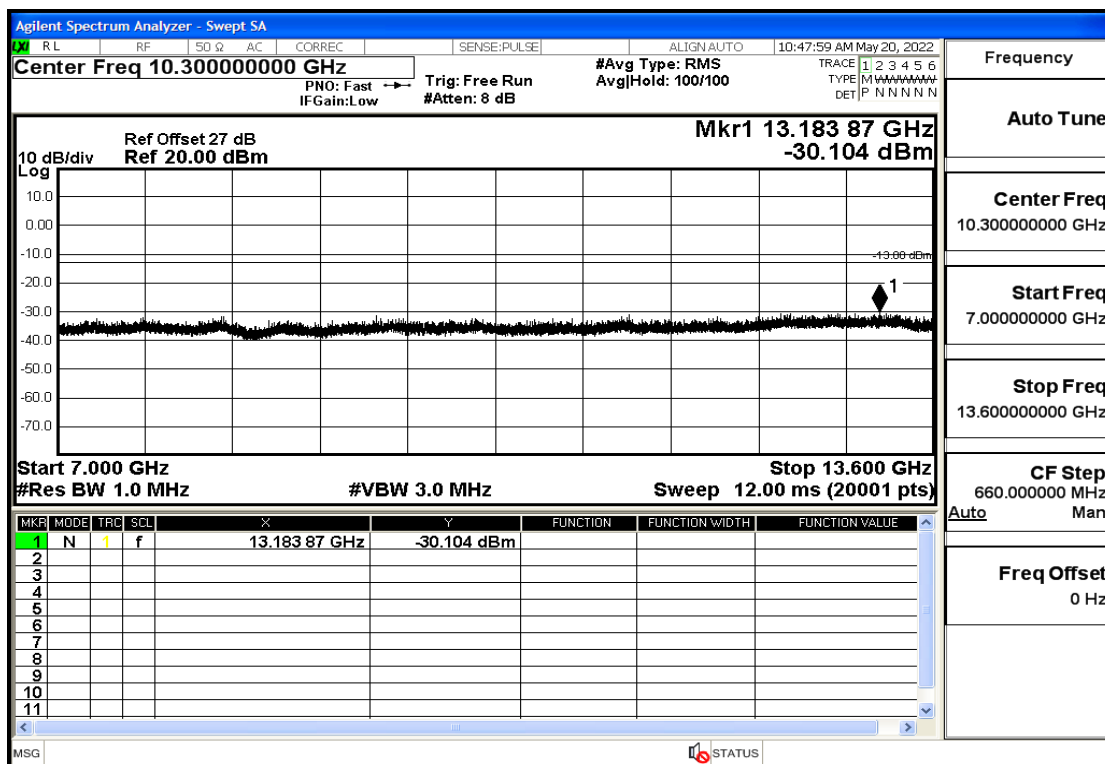
OB2-20-1900-Q16-100#LOW@30mHz-1GHz@Pass



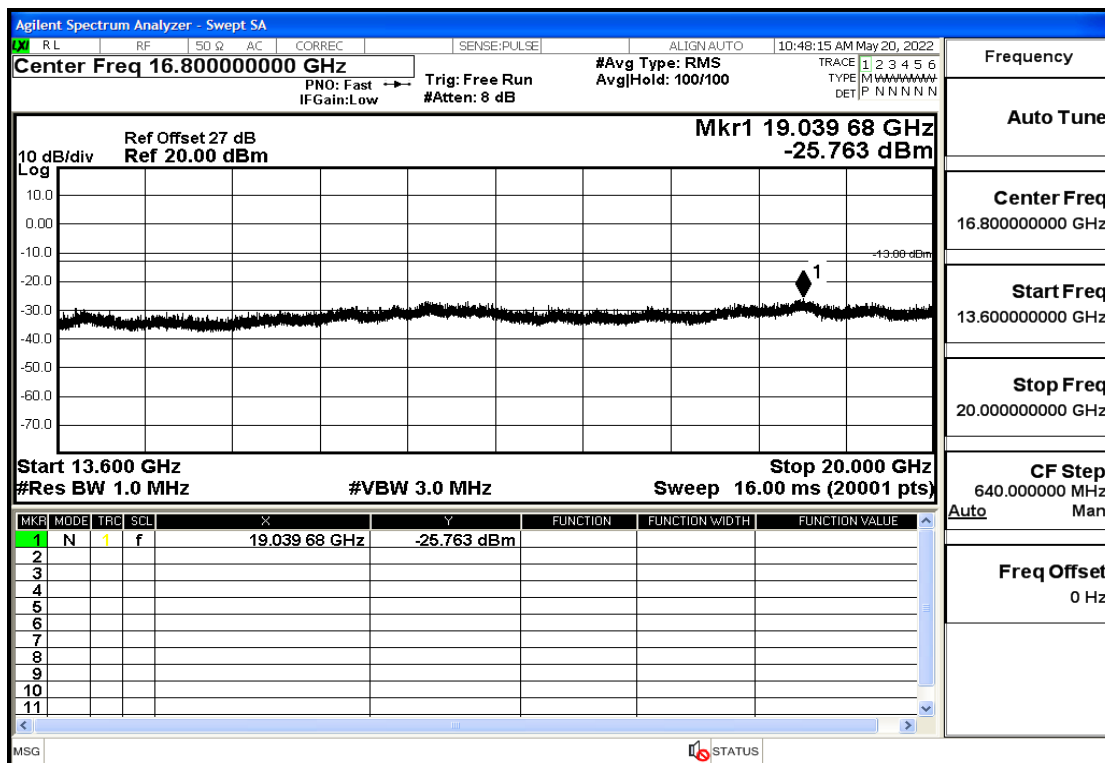
OB2-20-1900-Q16-100#LOW@1GHz-7GHz@Pass



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



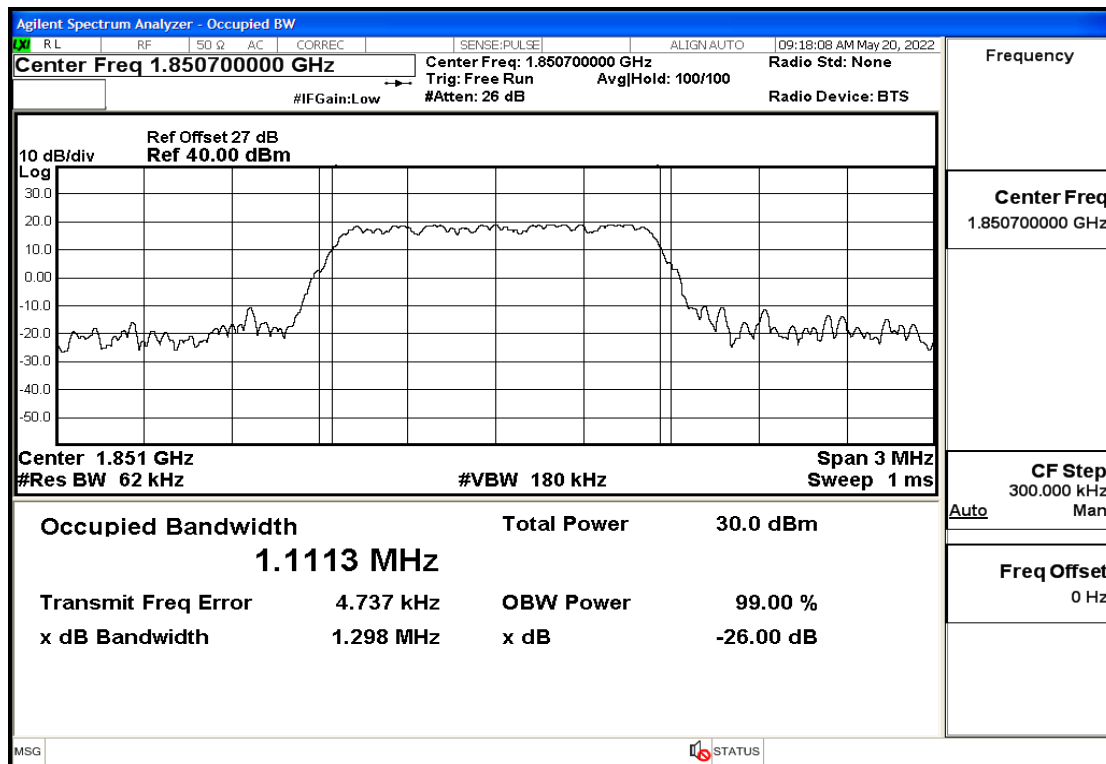
OB2-20-1900-Q16-100#LOW@13.6GHz-20GHz@Pass



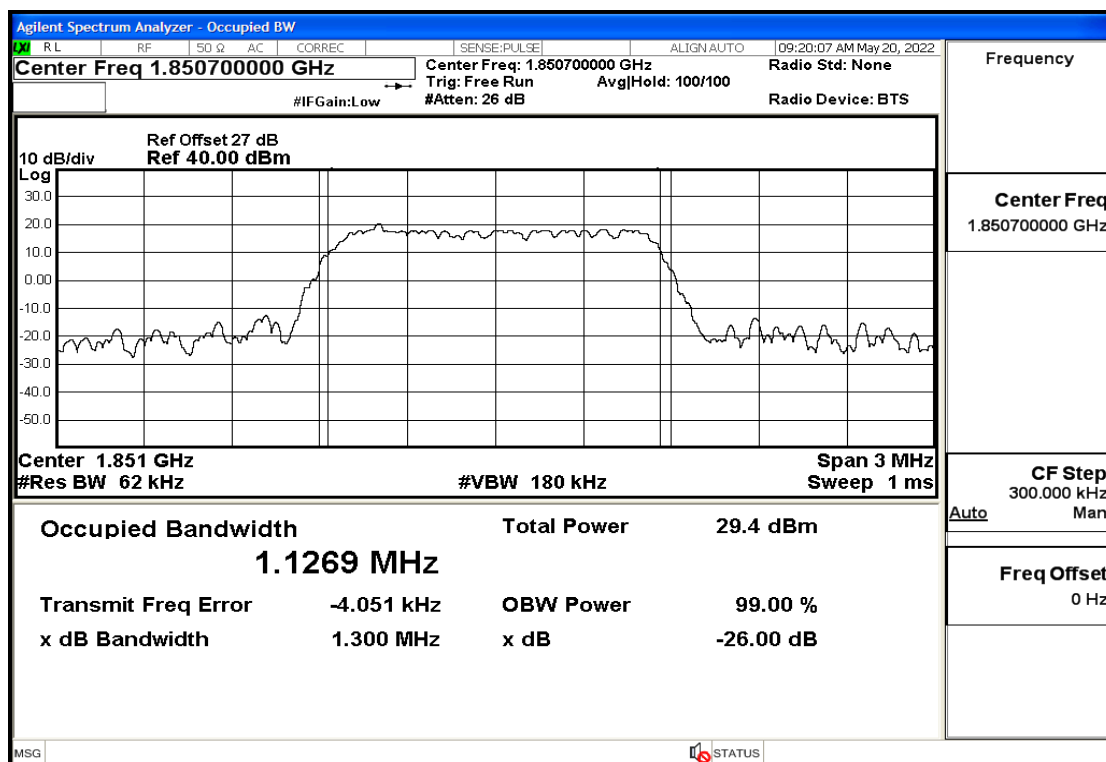
Emission bandwidth and OBW

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	1111.3	1298	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1126.9	1300	No limit
Band2	1.4	1880	QPSK	6	LOW	1110.2	1299	No limit
Band2	1.4	1880	16QAM	6	LOW	1106.5	1289	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1123.4	1308	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1118.2	1313	No limit
Band2	3	1851.5	QPSK	15	LOW	2756.3	3045	No limit
Band2	3	1851.5	16QAM	15	LOW	2738.4	3046	No limit
Band2	3	1880	QPSK	15	LOW	2753.3	3042	No limit
Band2	3	1880	16QAM	15	LOW	2744.8	3064	No limit
Band2	3	1908.5	QPSK	15	LOW	2767.9	3046	No limit
Band2	3	1908.5	16QAM	15	LOW	2744.2	3020	No limit
Band2	5	1852.5	QPSK	25	LOW	4602.2	5164	No limit
Band2	5	1852.5	16QAM	25	LOW	4572.4	5198	No limit
Band2	5	1880	QPSK	25	LOW	4607.5	5141	No limit
Band2	5	1880	16QAM	25	LOW	4591	5157	No limit
Band2	5	1907.5	QPSK	25	LOW	4591.1	5126	No limit
Band2	5	1907.5	16QAM	25	LOW	4605.4	5239	No limit
Band2	10	1855	QPSK	50	LOW	9119.6	9987	No limit
Band2	10	1855	16QAM	50	LOW	9077.6	10030	No limit
Band2	10	1880	QPSK	50	LOW	9085.8	10060	No limit
Band2	10	1880	16QAM	50	LOW	9080.2	10100	No limit
Band2	10	1905	QPSK	50	LOW	9071.8	10030	No limit
Band2	10	1905	16QAM	50	LOW	9095	10030	No limit
Band2	15	1857.5	QPSK	75	LOW	13677	15120	No limit
Band2	15	1857.5	16QAM	75	LOW	13717	15260	No limit
Band2	15	1880	QPSK	75	LOW	13663	14930	No limit
Band2	15	1880	16QAM	75	LOW	13678	15290	No limit
Band2	15	1902.5	QPSK	75	LOW	13654	14940	No limit
Band2	15	1902.5	16QAM	75	LOW	13663	15210	No limit
Band2	20	1860	QPSK	100	LOW	18297	20150	No limit
Band2	20	1860	16QAM	100	LOW	18185	19890	No limit
Band2	20	1880	QPSK	100	LOW	18183	20040	No limit
Band2	20	1880	16QAM	100	LOW	18219	19910	No limit
Band2	20	1900	QPSK	100	LOW	18184	20160	No limit
Band2	20	1900	16QAM	100	LOW	18164	19830	No limit

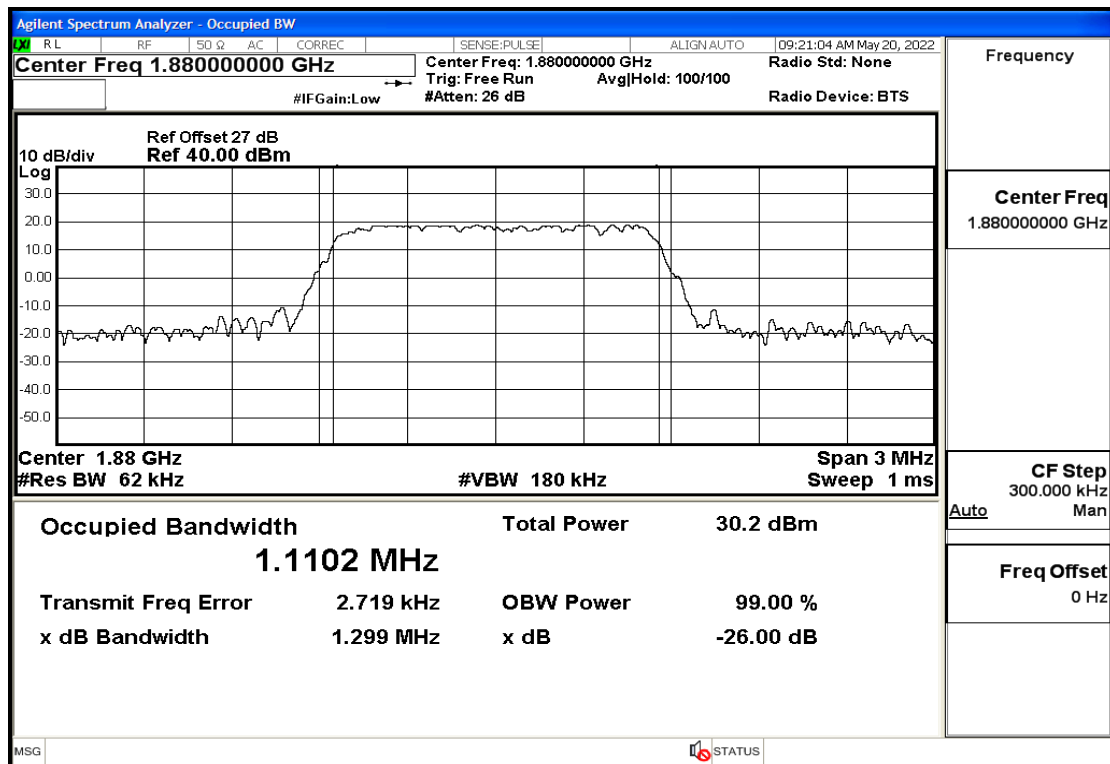
Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



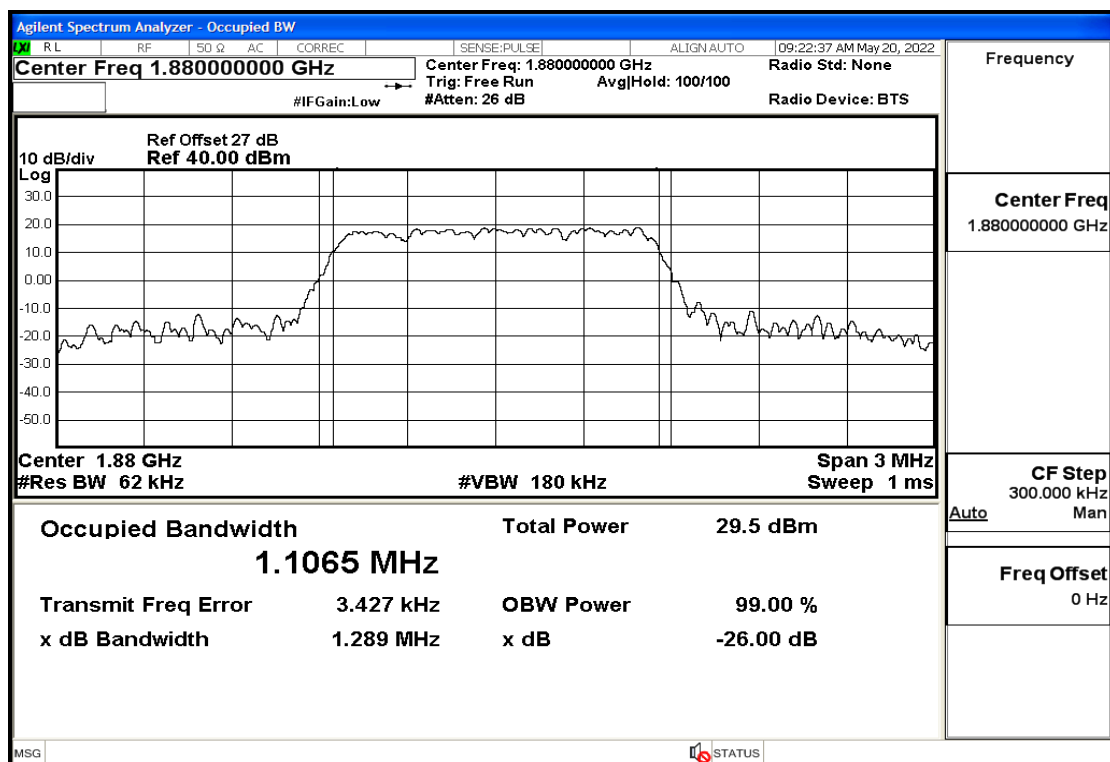
Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



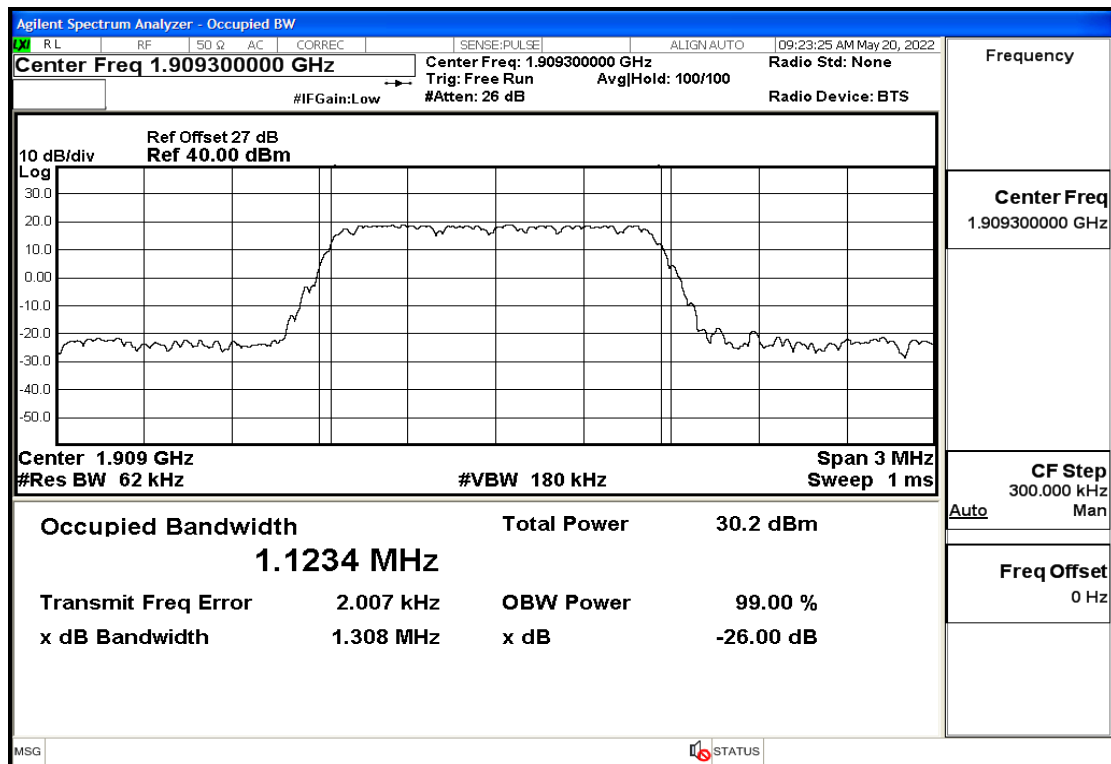
Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



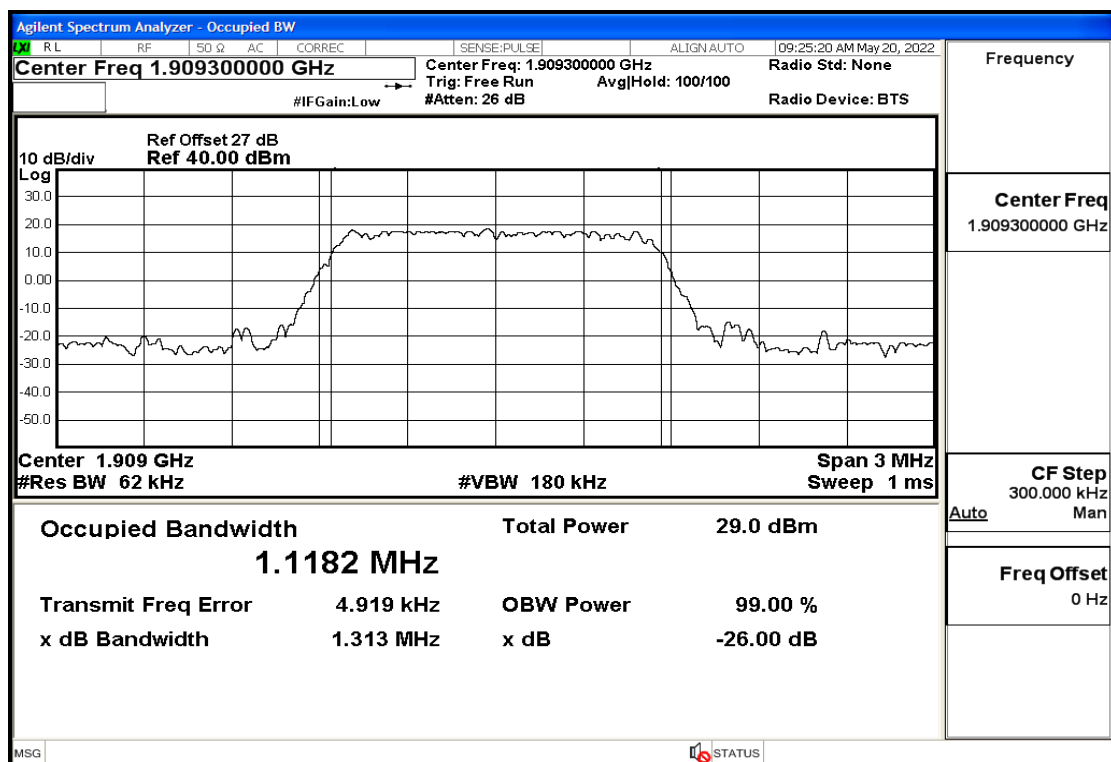
Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



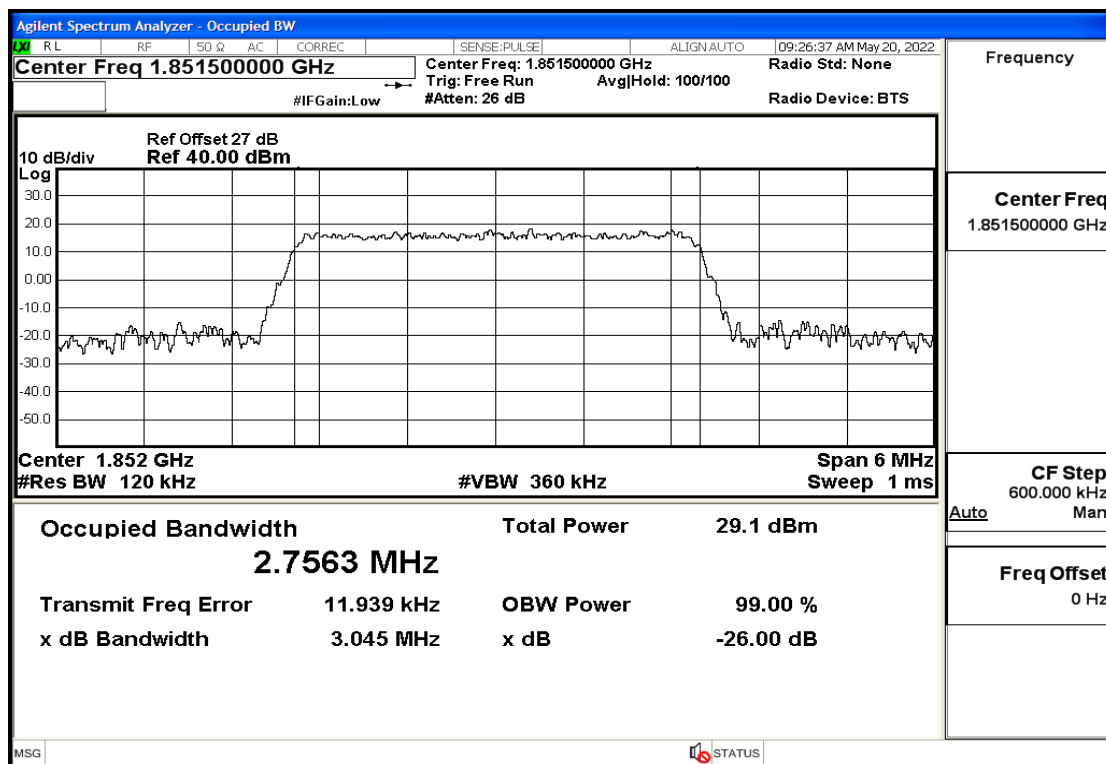
Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



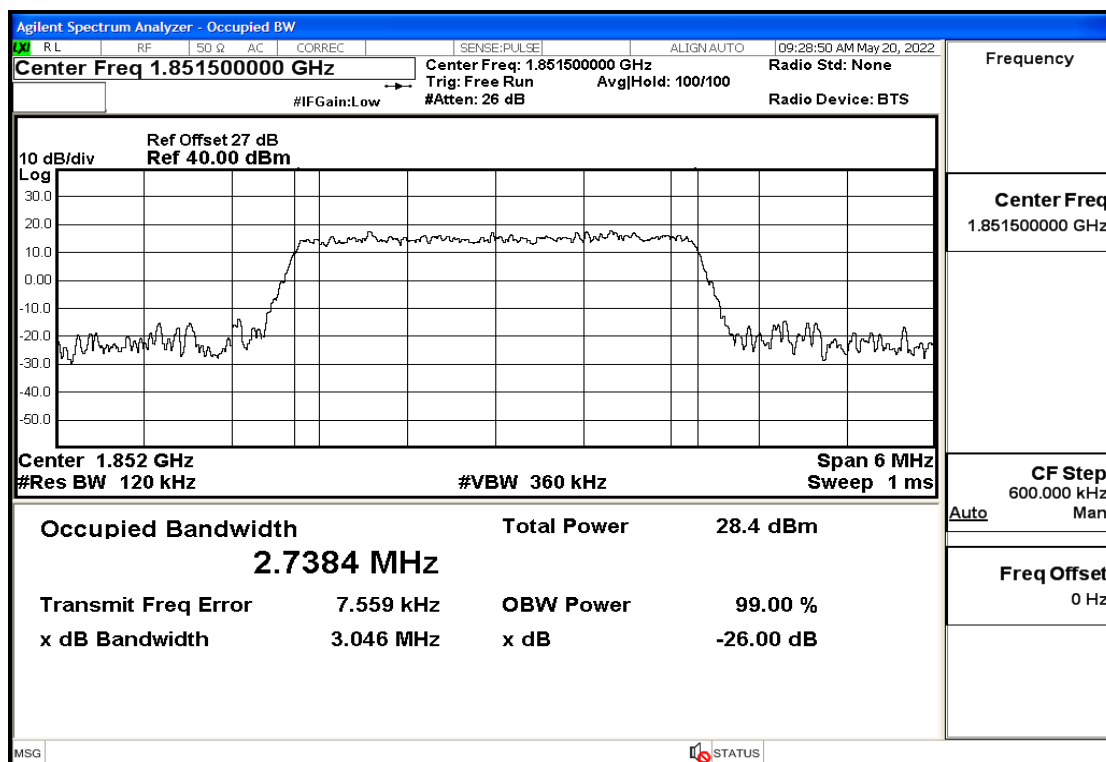
Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



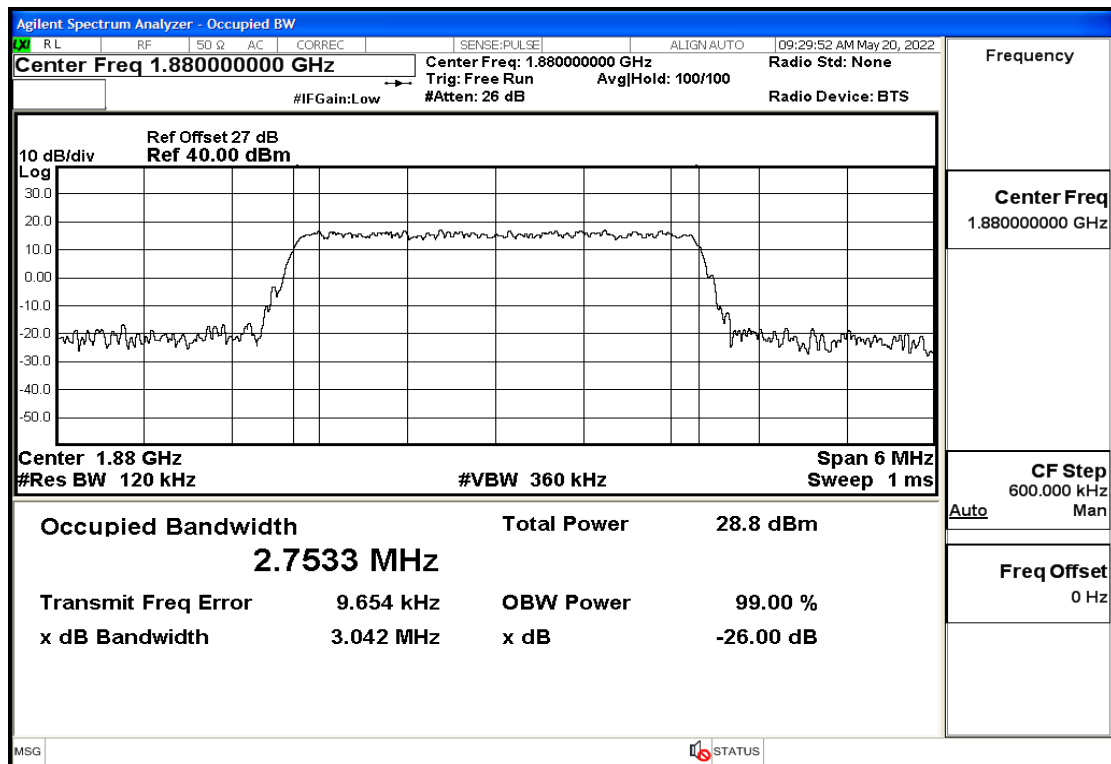
Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



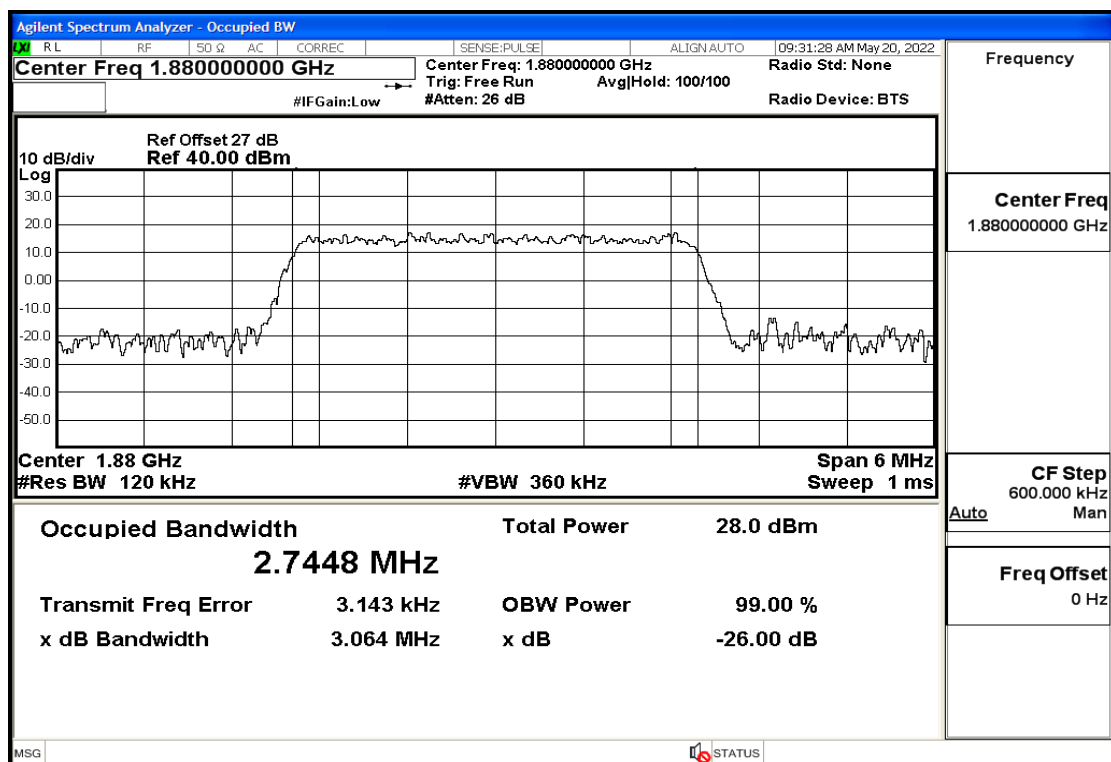
Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



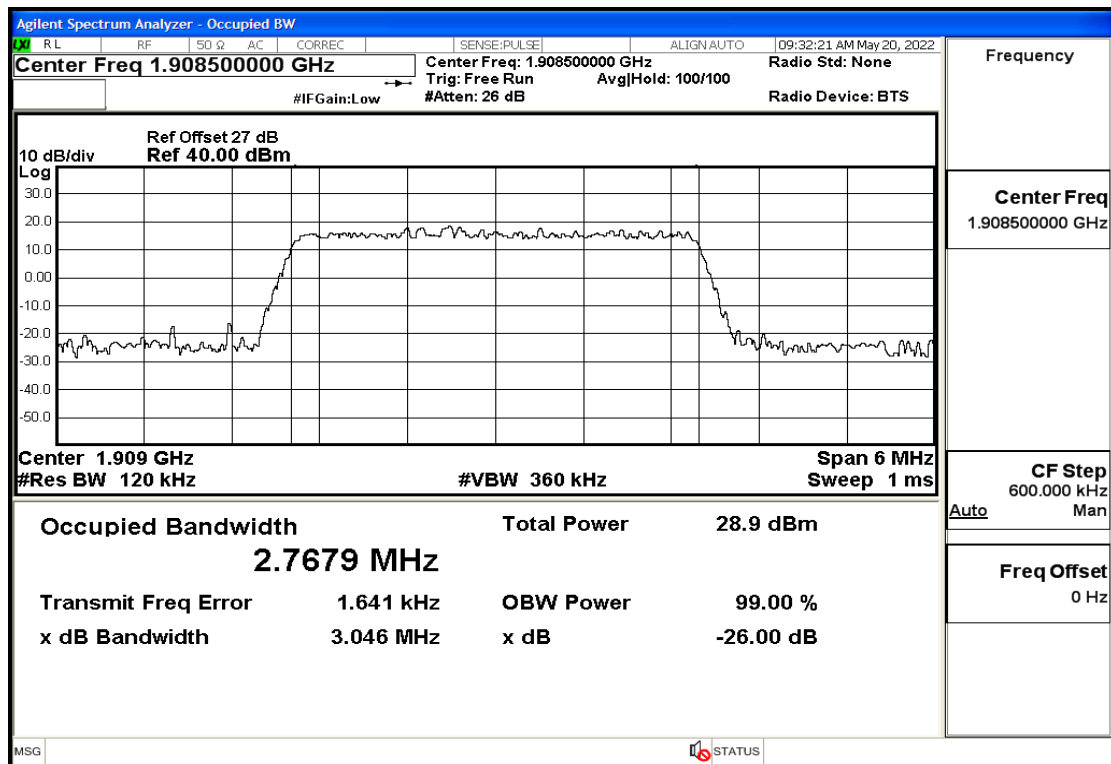
Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth



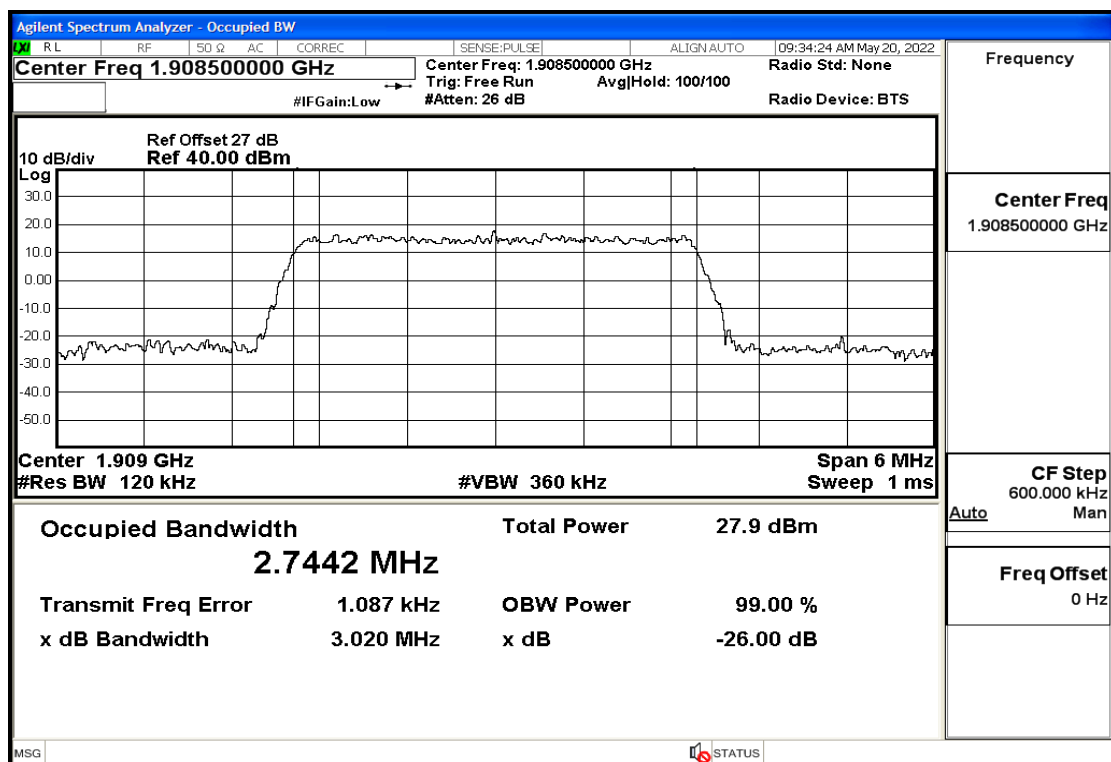
Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth



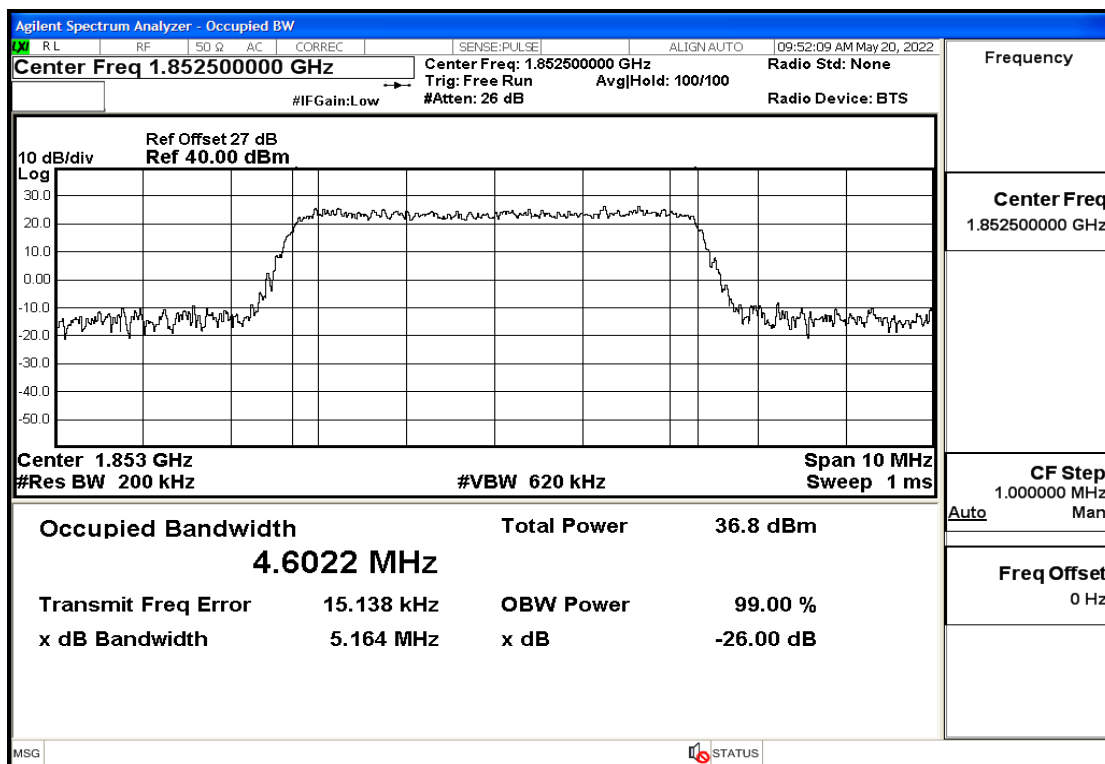
Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



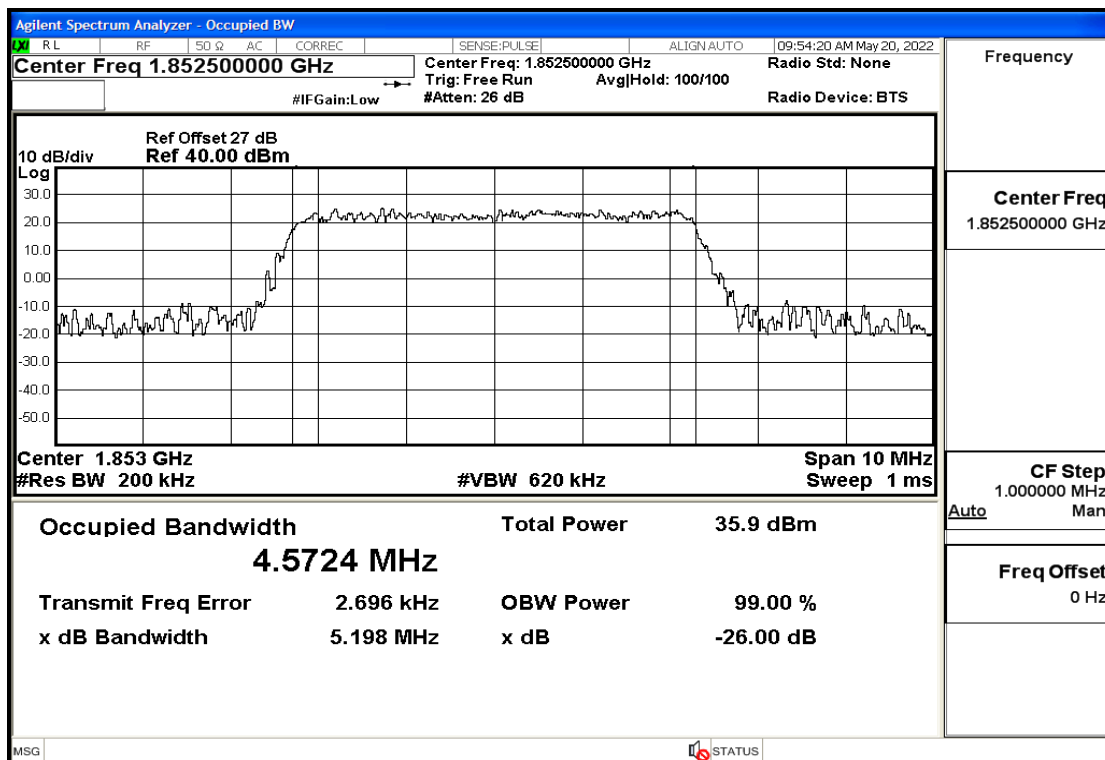
Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



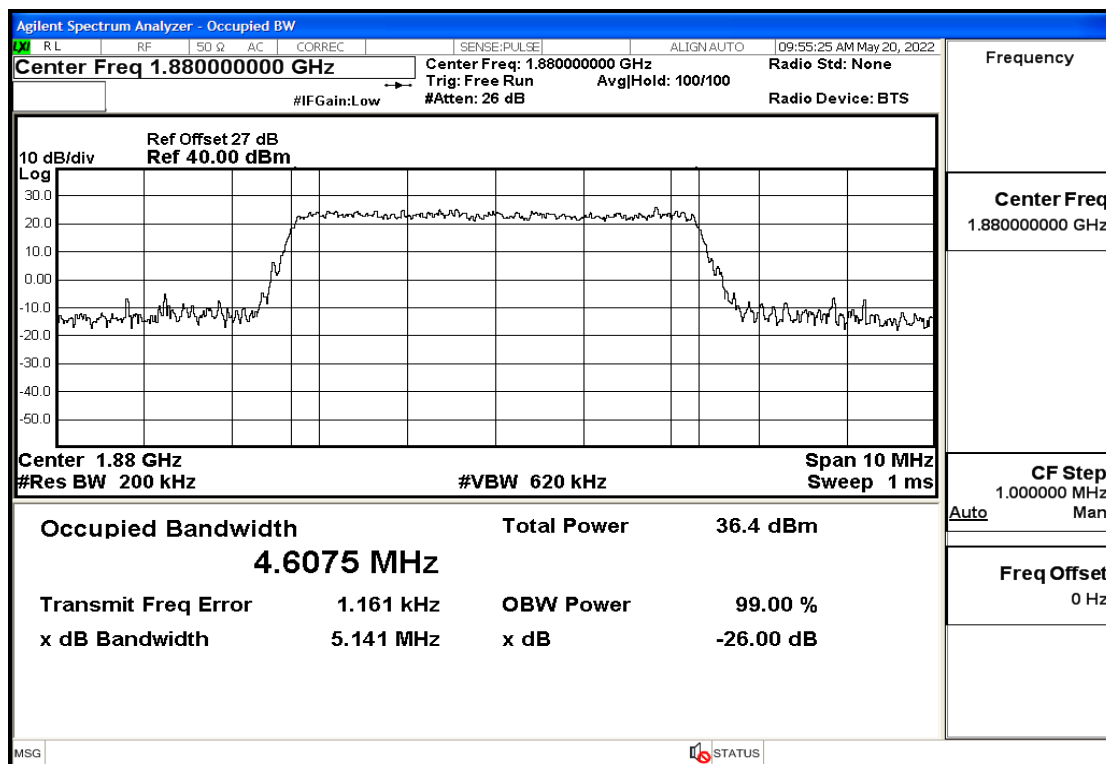
Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



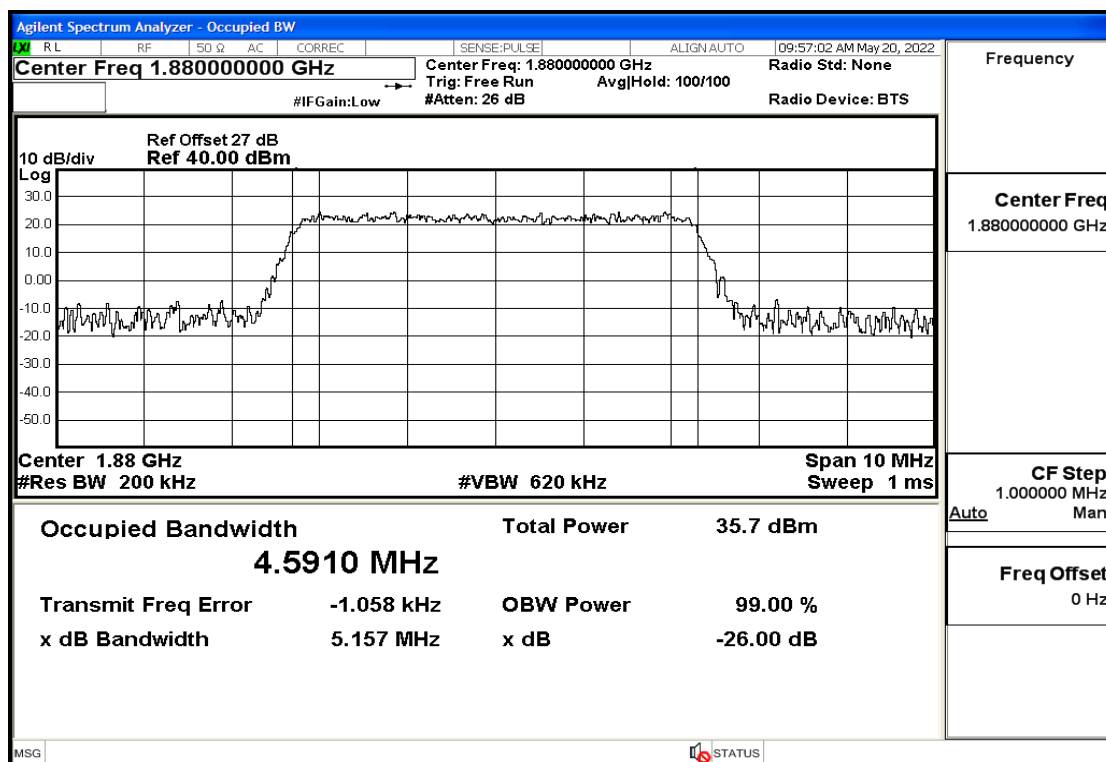
Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



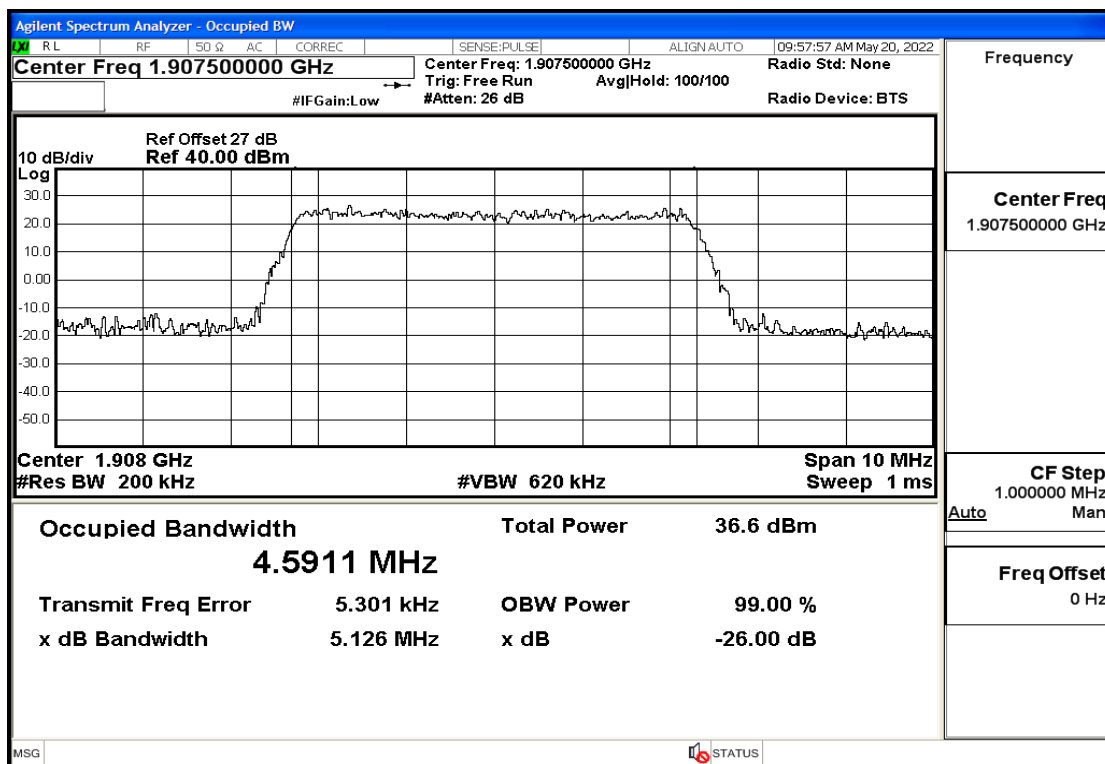
Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



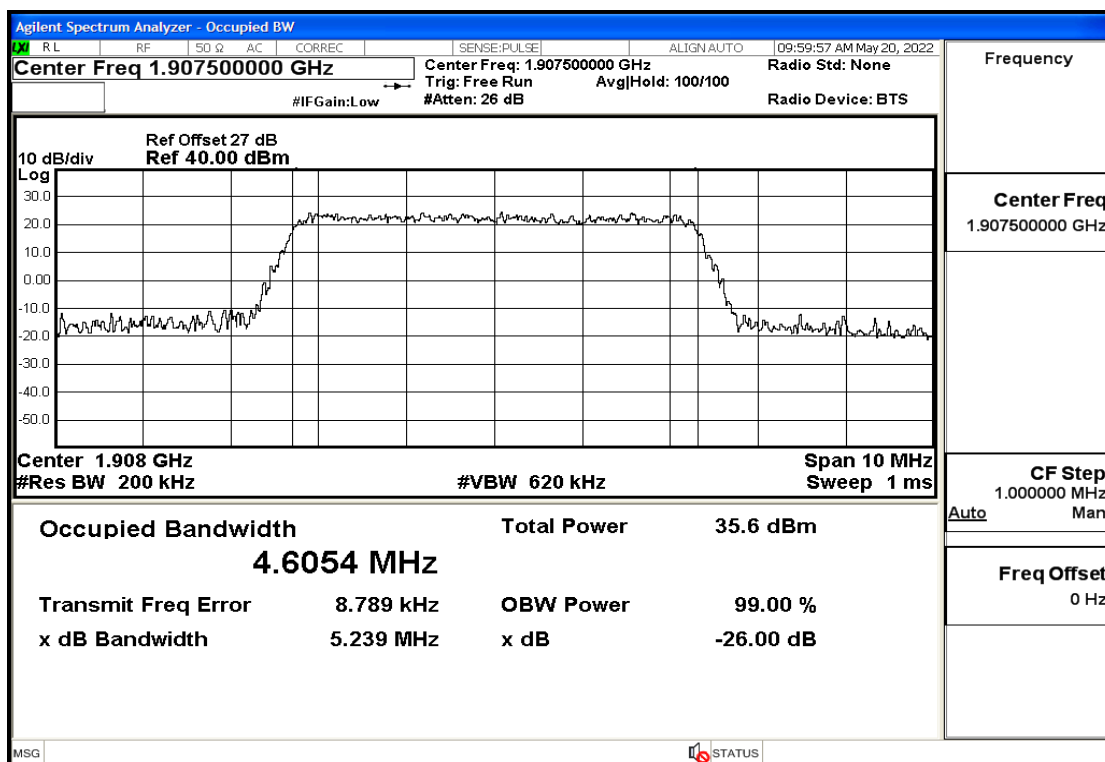
Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



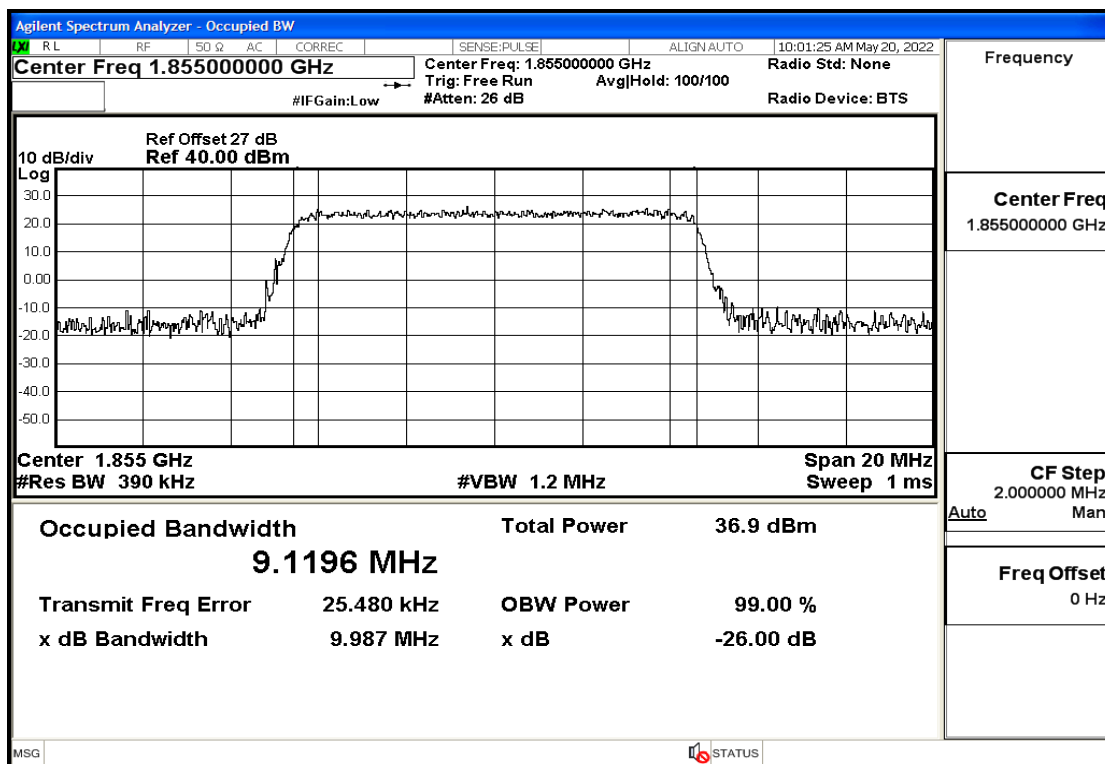
Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



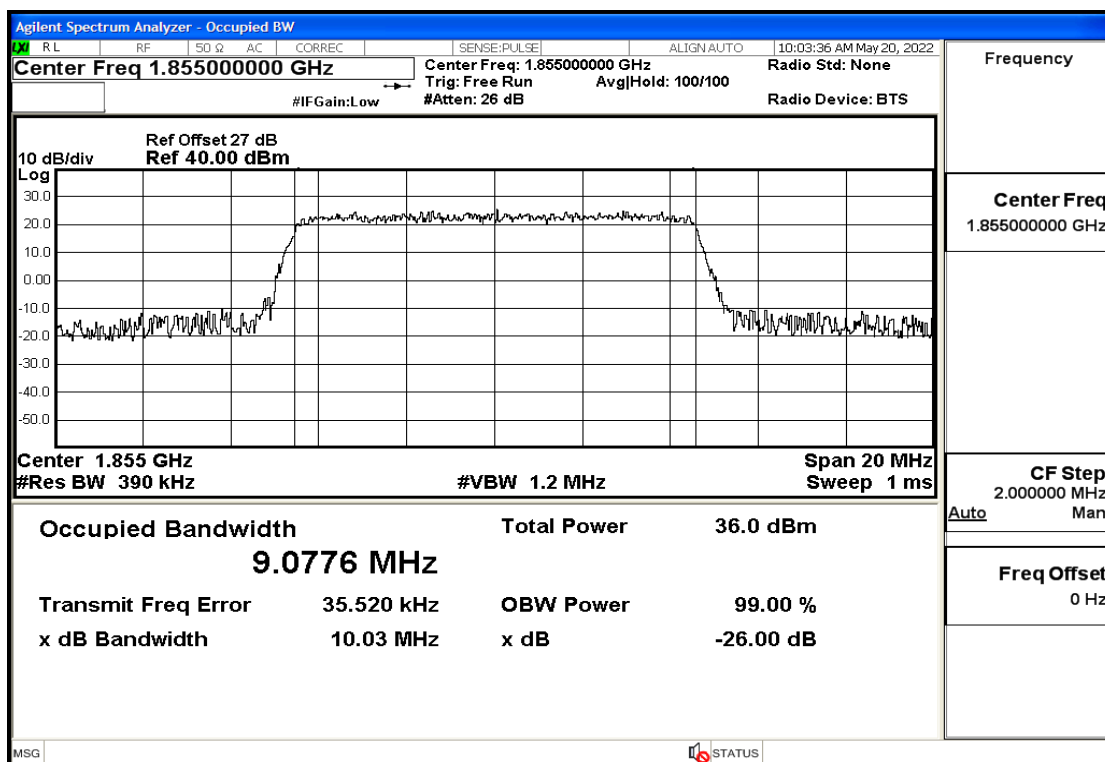
Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



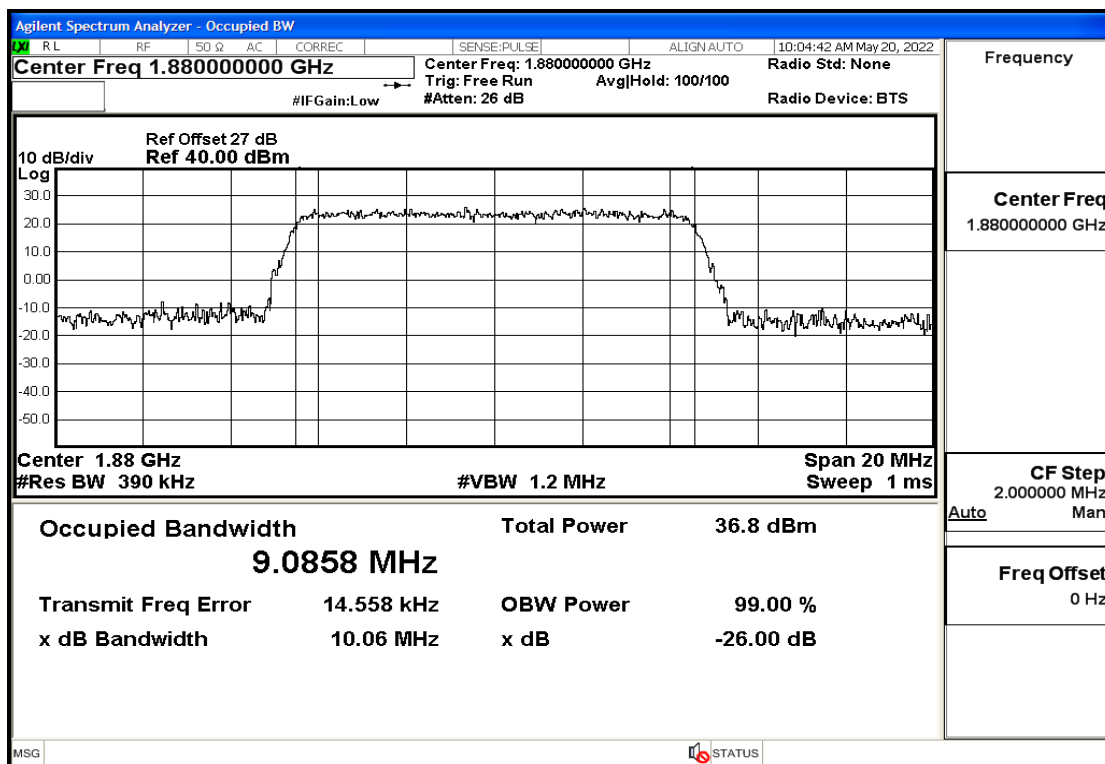
Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



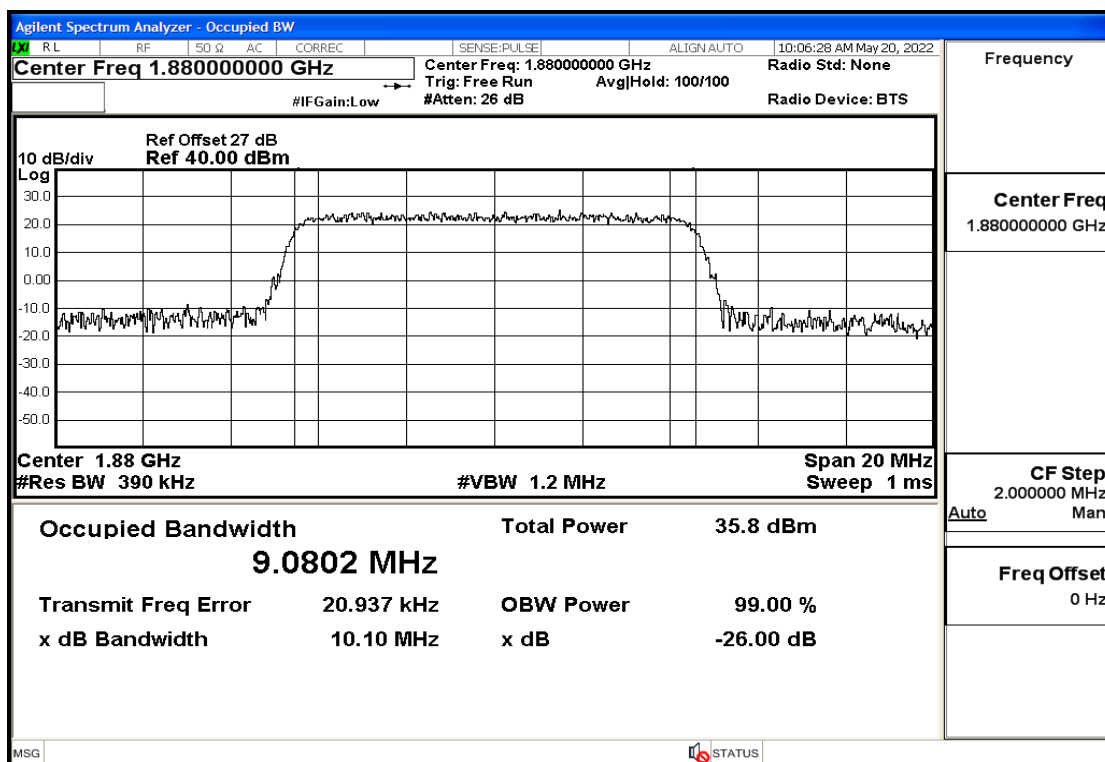
Band2-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



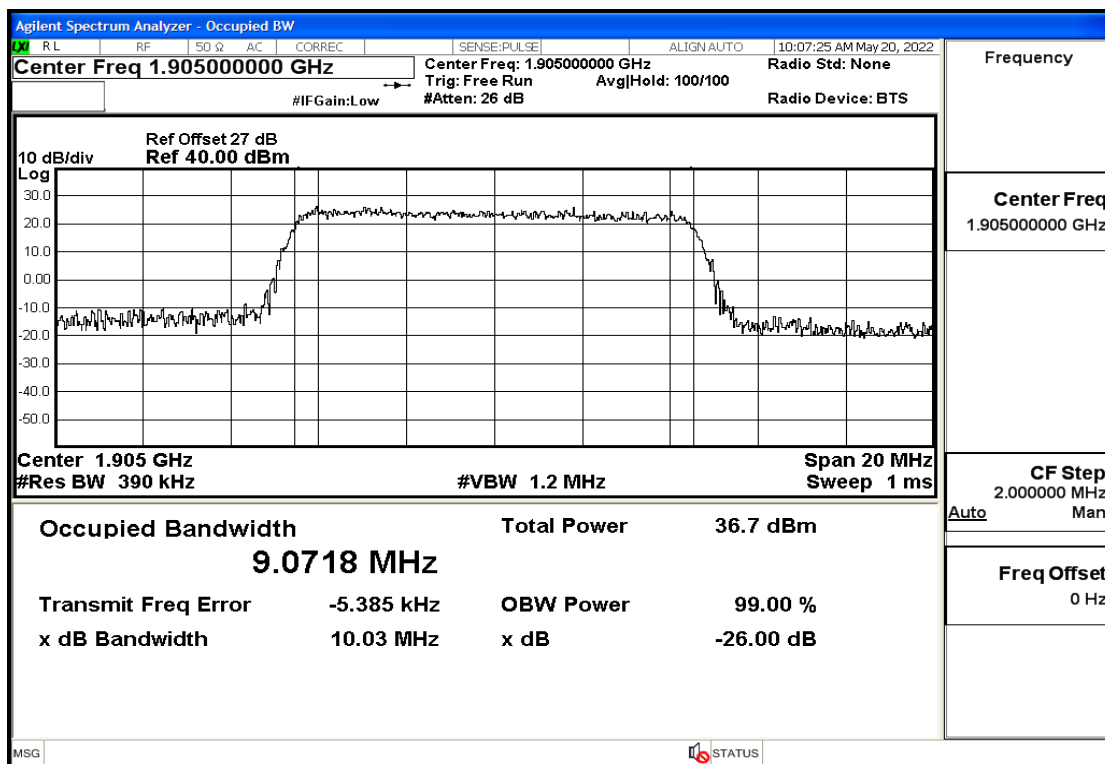
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



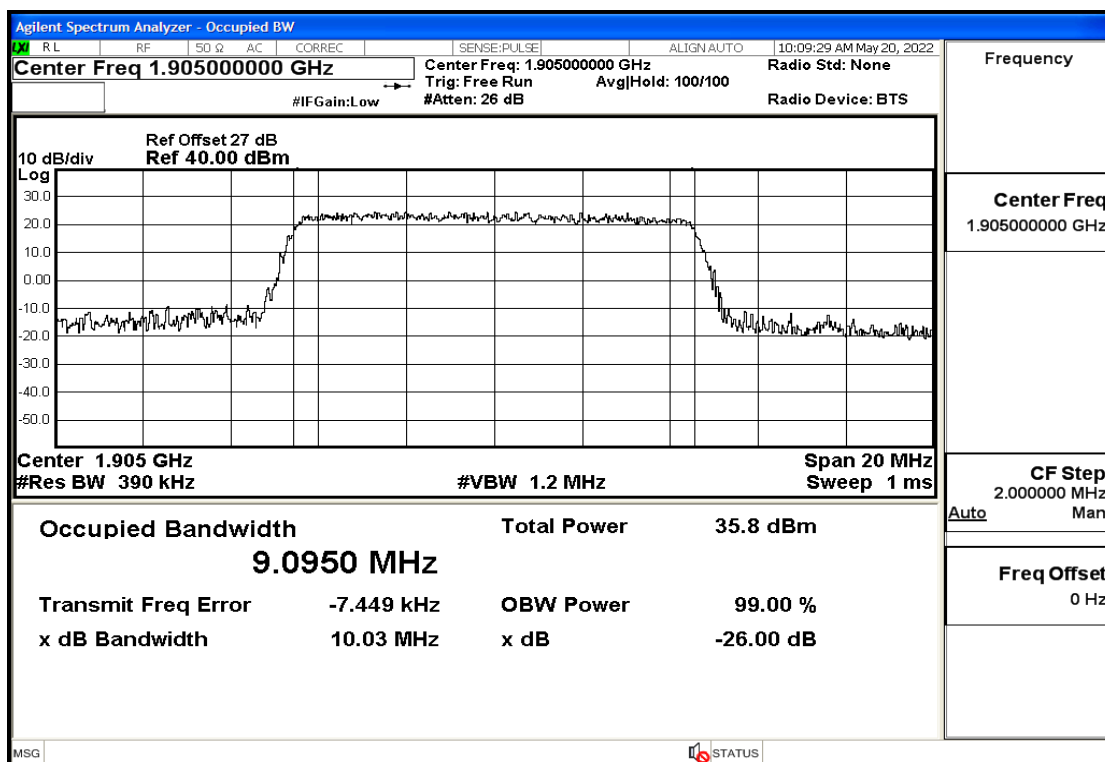
Band2-10-1880-16QAM-50#LOW@26dB and 99PCT Bandwidth



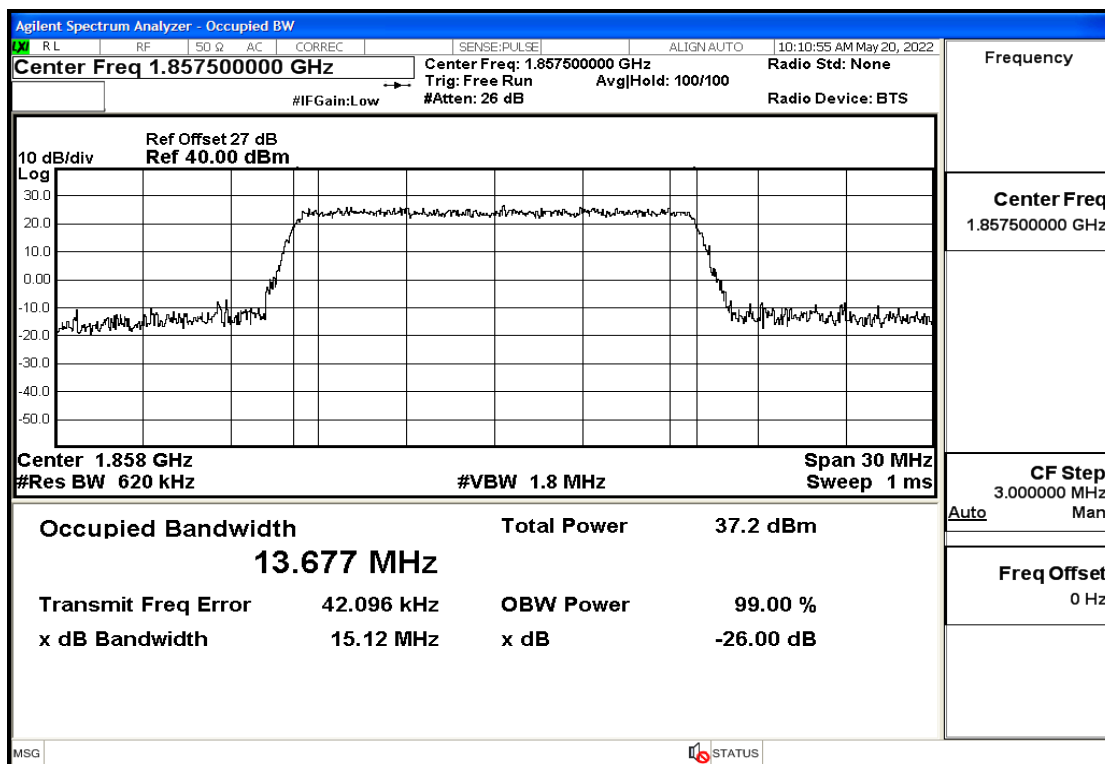
Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



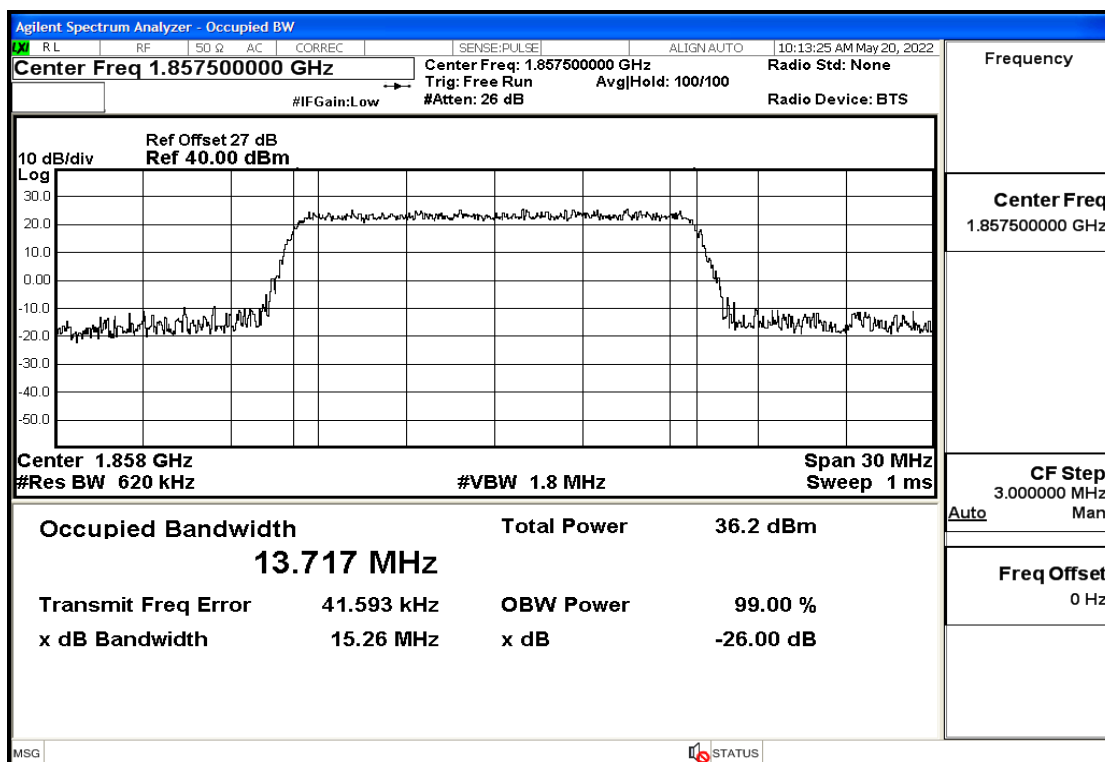
Band2-10-1905-16QAM-50#LOW@26dB and 99PCT Bandwidth



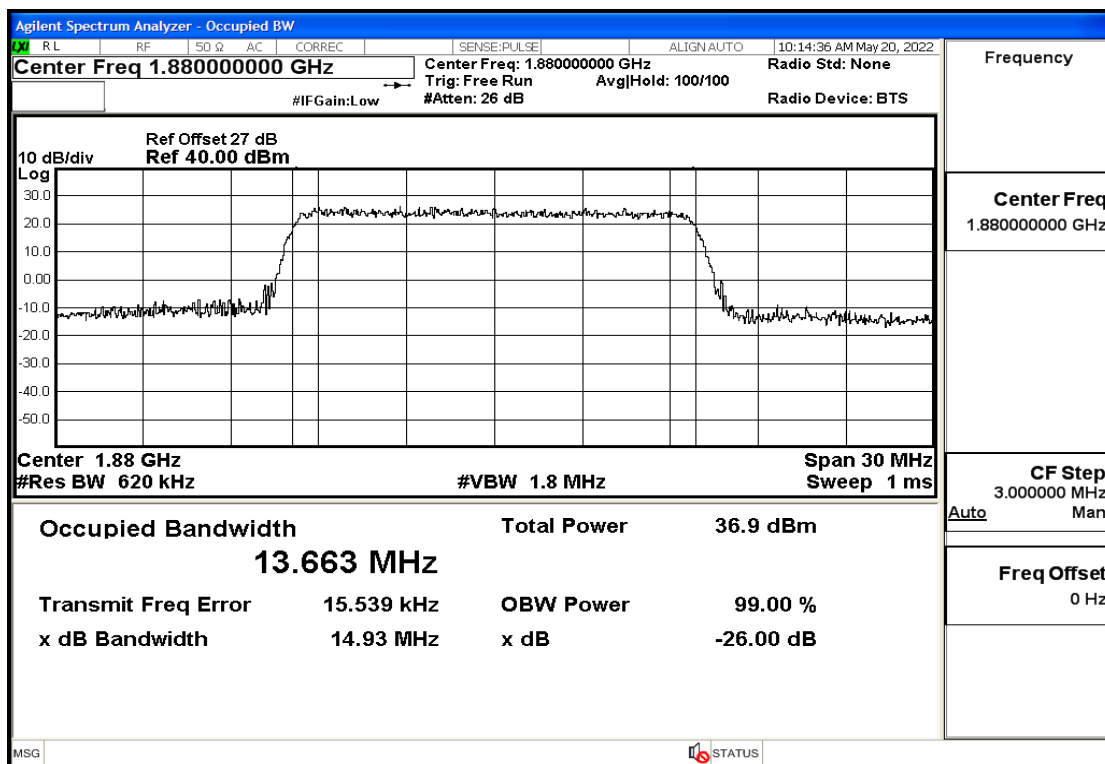
Band2-15-1857.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



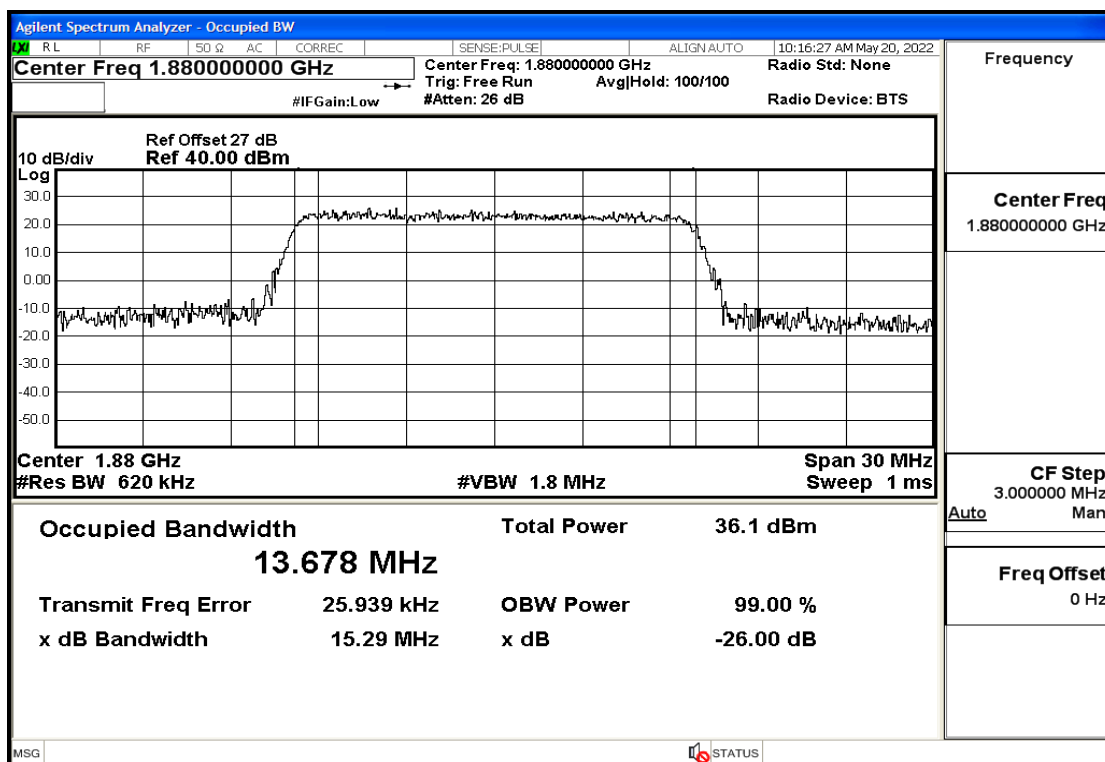
Band2-15-1857.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



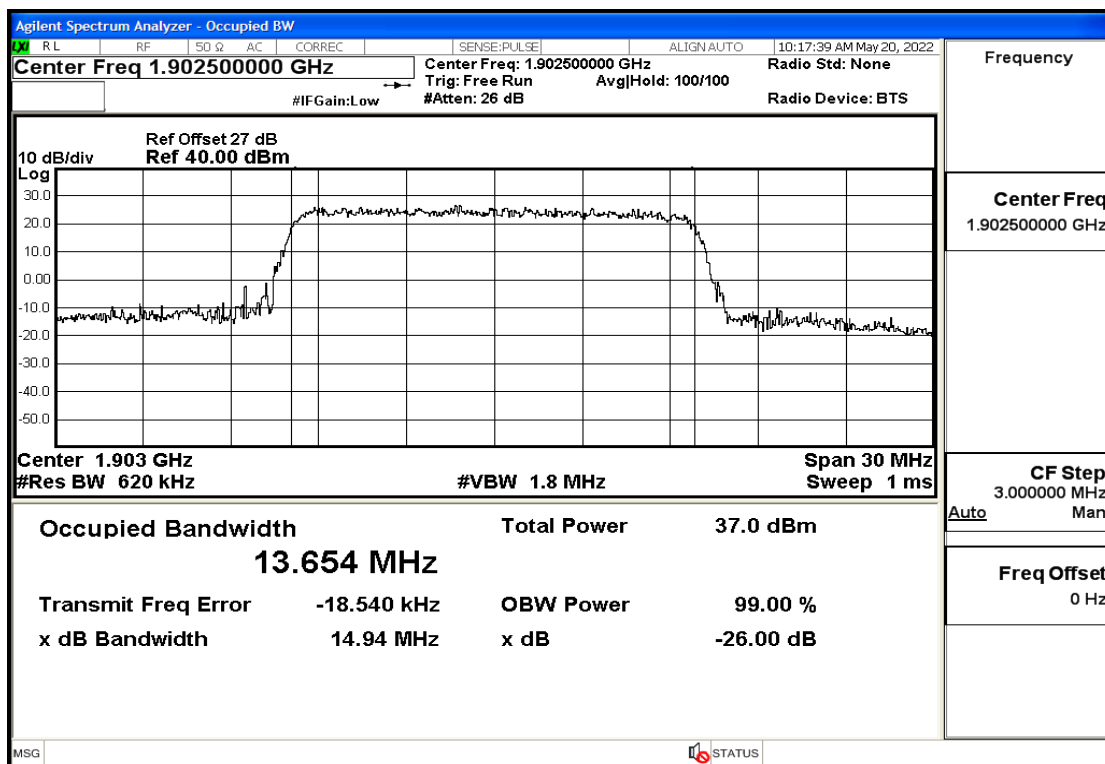
Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



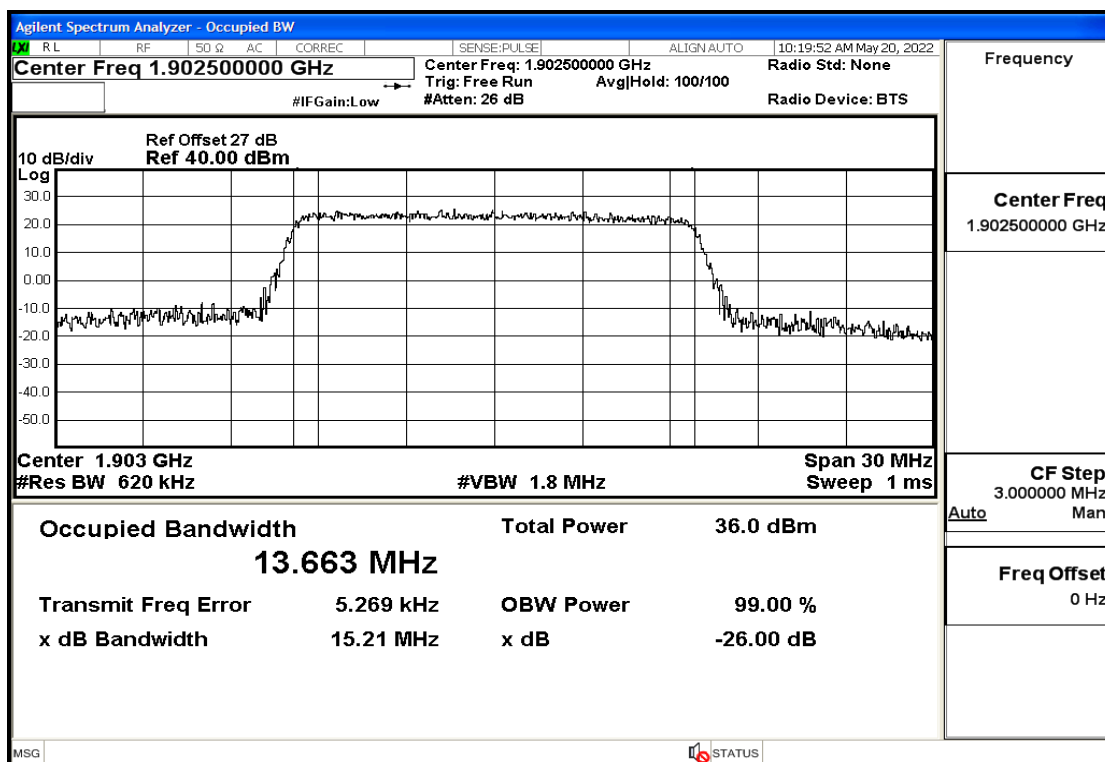
Band2-15-1880-16QAM-75#LOW@26dB and 99PCT Bandwidth



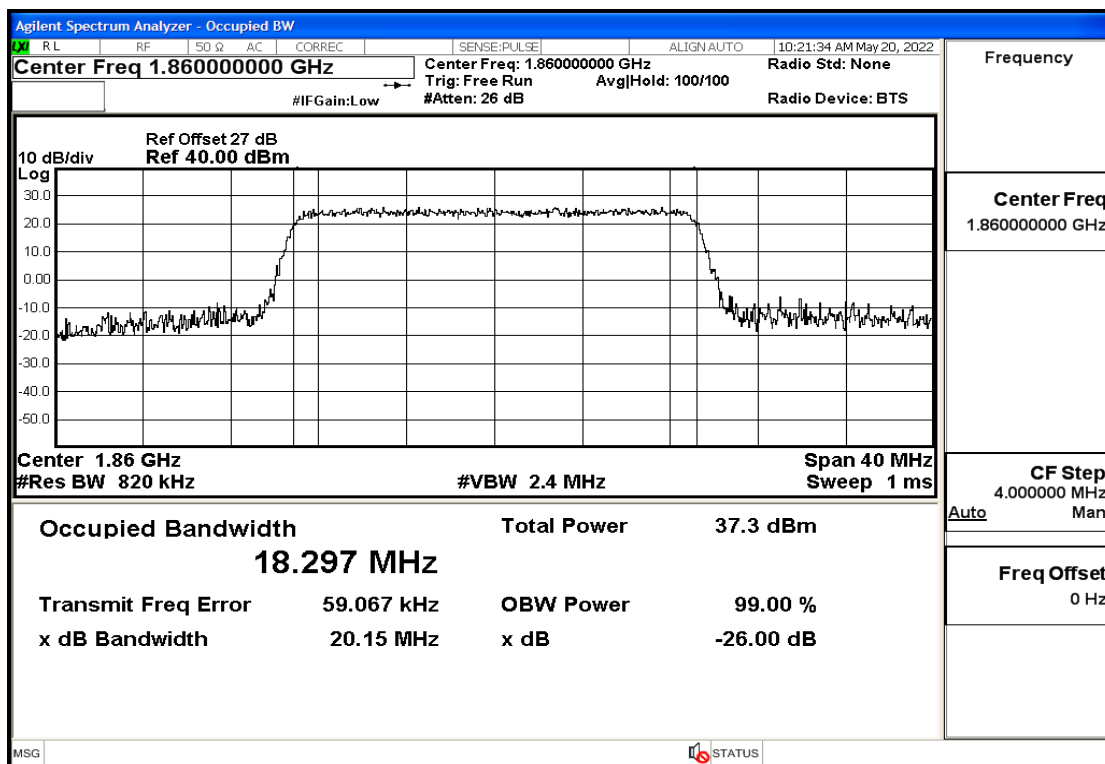
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



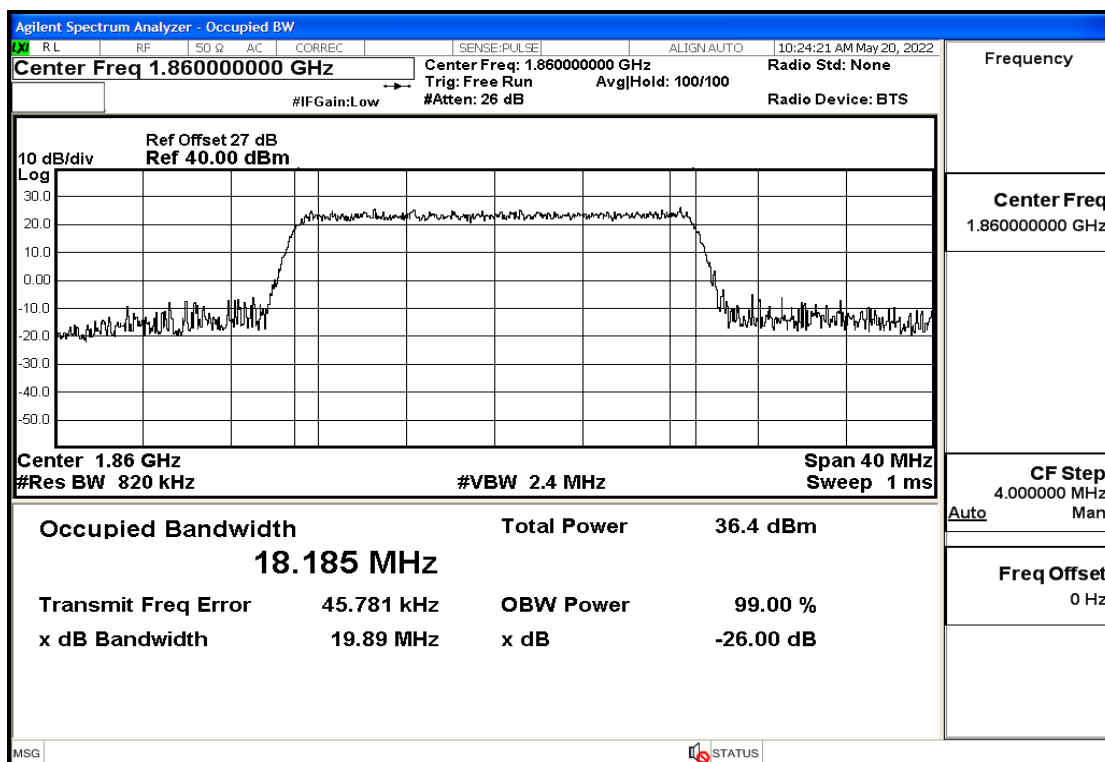
Band2-15-1902.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



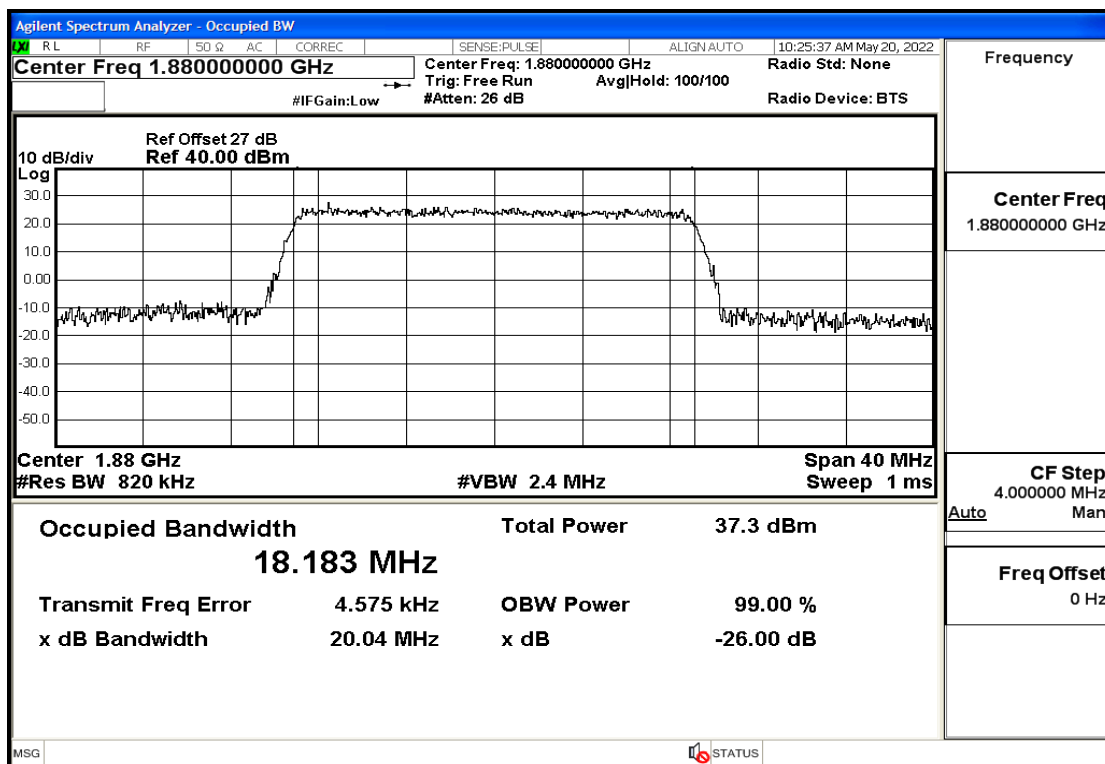
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



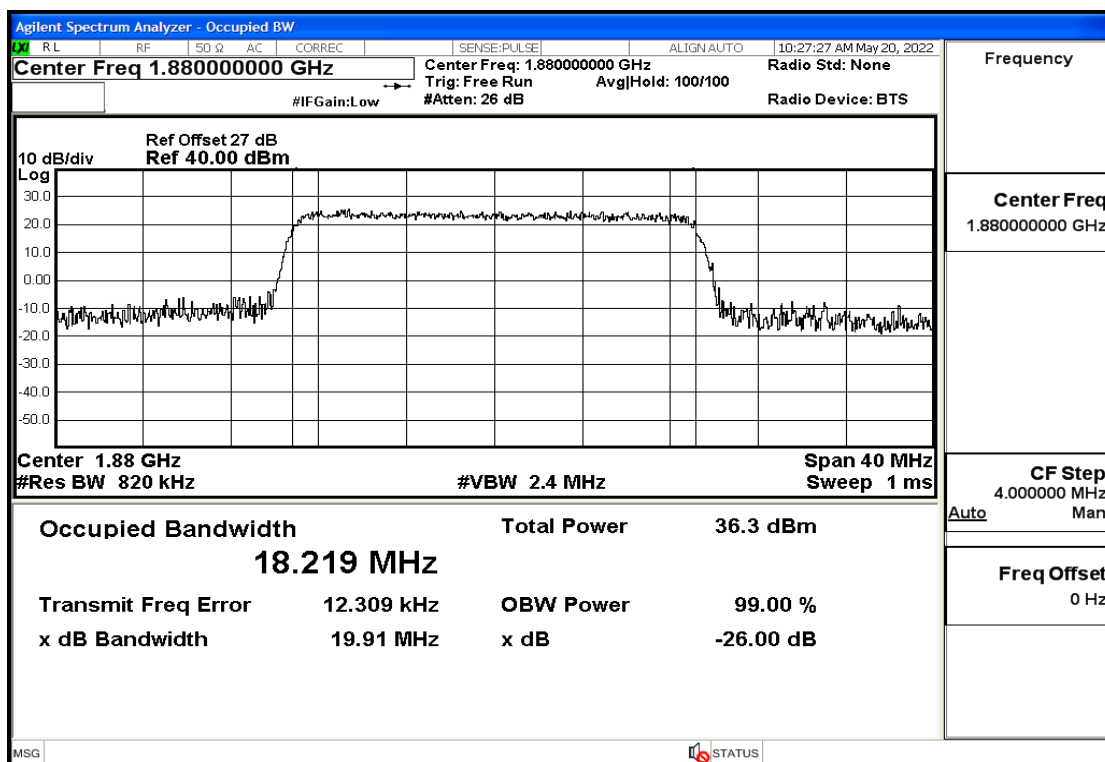
Band2-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth



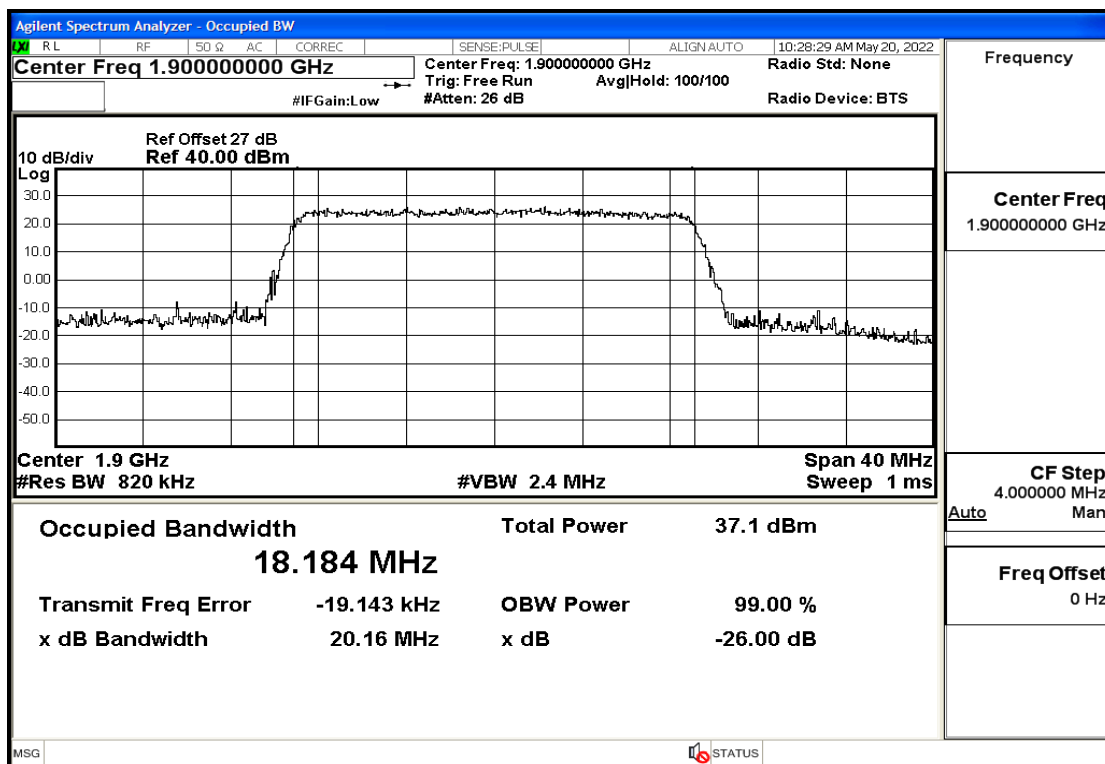
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



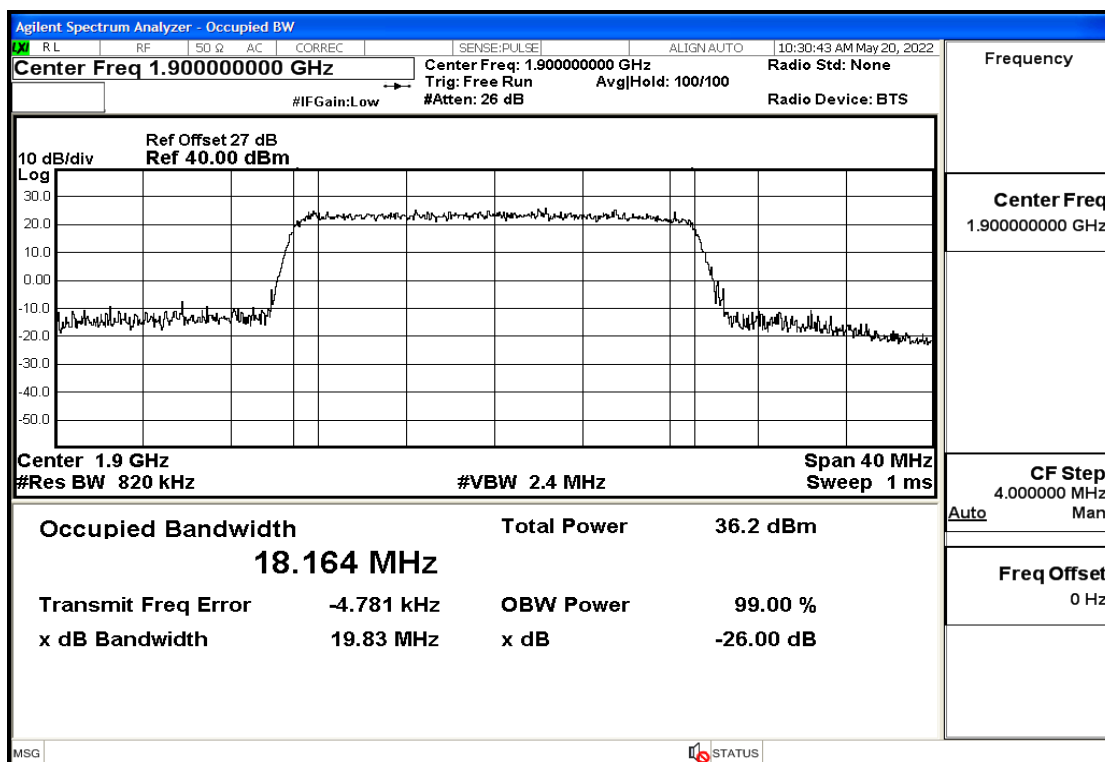
Band2-20-1880-16QAM-100#LOW@26dB and 99PCT Bandwidth



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	0.0588	PASS
40	Normal Voltage	0.0346	
30	Normal Voltage	0.0192	
20(Ref.)	Normal Voltage	0.0283	
10	Normal Voltage	0.0653	
0	Normal Voltage	0.0176	
-10	Normal Voltage	0.0432	
-20	Normal Voltage	0.0386	
-30	Normal Voltage	0.0193	
20	Maximum Voltage	0.0161	
20	Normal Voltage	0.0294	
20	Battery End Point	0.0691	

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	21.32	27.36	6.04	13	0.87	22.19	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	22.36	26.61	4.25	13	0.87	23.23	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	22.33	26.62	4.29	13	0.87	23.2	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	22.26	26.57	4.31	13	0.87	23.13	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	22.21	26.27	4.06	13	0.87	23.08	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	22.28	26.27	3.99	13	0.87	23.15	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	23.02	26.29	3.27	13	0.87	23.89	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	20.34	26.98	6.64	13	0.87	21.21	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	21.7	26.56	4.86	13	0.87	22.57	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	21.7	26.59	4.89	13	0.87	22.57	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	21.72	26.69	4.97	13	0.87	22.59	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	21.54	26.05	4.51	13	0.87	22.41	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	22.43	26.27	3.84	13	0.87	23.3	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	21.47	26.11	4.64	13	0.87	22.34	33	Pass
Band2	1.4	1880	QPSK	6	LOW	21.14	26.59	5.45	13	0.87	22.01	33	Pass
Band2	1.4	1880	QPSK	3	LOW	22.34	26.39	4.05	13	0.87	23.21	33	Pass
Band2	1.4	1880	QPSK	3	MID	22.68	26.48	3.8	13	0.87	23.55	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	22.67	26.46	3.79	13	0.87	23.54	33	Pass
Band2	1.4	1880	QPSK	1	LOW	22.43	25.86	3.43	13	0.87	23.3	33	Pass
Band2	1.4	1880	QPSK	1	MID	22.53	25.94	3.41	13	0.87	23.4	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	22.18	26.03	3.85	13	0.87	23.05	33	Pass
Band2	1.4	1880	16QAM	6	LOW	20.24	26.77	6.53	13	0.87	21.11	33	Pass
Band2	1.4	1880	16QAM	3	LOW	22.06	26.55	4.49	13	0.87	22.93	33	Pass
Band2	1.4	1880	16QAM	3	MID	22.1	26.66	4.56	13	0.87	22.97	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	22.13	26.54	4.41	13	0.87	23	33	Pass
Band2	1.4	1880	16QAM	1	LOW	22.27	25.9	3.63	13	0.87	23.14	33	Pass
Band2	1.4	1880	16QAM	1	MID	22.37	26	3.63	13	0.87	23.24	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	22.34	26.03	3.69	13	0.87	23.21	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	21.08	27.05	5.97	13	0.87	21.95	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	22.17	26.94	4.77	13	0.87	23.04	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	22.14	26.93	4.79	13	0.87	23.01	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	22.16	26.86	4.7	13	0.87	23.03	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	21.95	26.3	4.35	13	0.87	22.82	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	22.04	26.2	4.16	13	0.87	22.91	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	22.06	26.45	4.39	13	0.87	22.93	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	20.17	27.37	7.2	13	0.87	21.04	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	21.23	26.97	5.74	13	0.87	22.1	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	21.27	26.94	5.67	13	0.87	22.14	33	Pass
Band2	1.4	1909.3	16QAM	3	HIGH	21.26	26.9	5.64	13	0.87	22.13	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	21.34	26.27	4.93	13	0.87	22.21	33	Pass

Band2	1.4	1909.3	16QAM	1	MID	21.47	26.31	4.84	13	0.87	22.34	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	21.36	26.35	4.99	13	0.87	22.23	33	Pass
Band2	3	1851.5	QPSK	15	LOW	21.32	27.53	6.21	13	0.87	22.19	33	Pass
Band2	3	1851.5	QPSK	8	LOW	21.24	26.66	5.42	13	0.87	22.11	33	Pass
Band2	3	1851.5	QPSK	8	MID	21.24	26.68	5.44	13	0.87	22.11	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	21.19	26.72	5.53	13	0.87	22.06	33	Pass
Band2	3	1851.5	QPSK	1	LOW	22.17	26.17	4	13	0.87	23.04	33	Pass
Band2	3	1851.5	QPSK	1	MID	22.11	26.11	4	13	0.87	22.98	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	22.02	26.13	4.11	13	0.87	22.89	33	Pass
Band2	3	1851.5	16QAM	15	LOW	20.36	26.96	6.6	13	0.87	21.23	33	Pass
Band2	3	1851.5	16QAM	8	LOW	20.51	26.86	6.35	13	0.87	21.38	33	Pass
Band2	3	1851.5	16QAM	8	MID	20.52	26.83	6.31	13	0.87	21.39	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	20.46	26.71	6.25	13	0.87	21.33	33	Pass
Band2	3	1851.5	16QAM	1	LOW	21.84	26.46	4.62	13	0.87	22.71	33	Pass
Band2	3	1851.5	16QAM	1	MID	21.8	26.36	4.56	13	0.87	22.67	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	21.74	26.38	4.64	13	0.87	22.61	33	Pass
Band2	3	1880	QPSK	15	LOW	21.13	27.11	5.98	13	0.87	22	33	Pass
Band2	3	1880	QPSK	8	LOW	21.1	26.56	5.46	13	0.87	21.97	33	Pass
Band2	3	1880	QPSK	8	MID	21.12	26.52	5.4	13	0.87	21.99	33	Pass
Band2	3	1880	QPSK	8	HIGH	21.16	26.63	5.47	13	0.87	22.03	33	Pass
Band2	3	1880	QPSK	1	LOW	22.14	25.81	3.67	13	0.87	23.01	33	Pass
Band2	3	1880	QPSK	1	MID	22.18	26.05	3.87	13	0.87	23.05	33	Pass
Band2	3	1880	QPSK	1	HIGH	22.17	26.15	3.98	13	0.87	23.04	33	Pass
Band2	3	1880	16QAM	15	LOW	20.23	26.58	6.35	13	0.87	21.1	33	Pass
Band2	3	1880	16QAM	8	LOW	20.17	26.38	6.21	13	0.87	21.04	33	Pass
Band2	3	1880	16QAM	8	MID	20.18	26.35	6.17	13	0.87	21.05	33	Pass
Band2	3	1880	16QAM	8	HIGH	20.15	26.3	6.15	13	0.87	21.02	33	Pass
Band2	3	1880	16QAM	1	LOW	21.27	25.56	4.29	13	0.87	22.14	33	Pass
Band2	3	1880	16QAM	1	MID	21.3	25.76	4.46	13	0.87	22.17	33	Pass
Band2	3	1880	16QAM	1	HIGH	21.3	25.83	4.53	13	0.87	22.17	33	Pass
Band2	3	1908.5	QPSK	15	LOW	21.15	27.4	6.25	13	0.87	22.02	33	Pass
Band2	3	1908.5	QPSK	8	LOW	21.11	27.18	6.07	13	0.87	21.98	33	Pass
Band2	3	1908.5	QPSK	8	MID	21.1	27.17	6.07	13	0.87	21.97	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	21.06	27	5.94	13	0.87	21.93	33	Pass
Band2	3	1908.5	QPSK	1	LOW	21.97	26.33	4.36	13	0.87	22.84	33	Pass
Band2	3	1908.5	QPSK	1	MID	21.99	26.36	4.37	13	0.87	22.86	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	22.09	26.33	4.24	13	0.87	22.96	33	Pass
Band2	3	1908.5	16QAM	15	LOW	20.19	27.13	6.94	13	0.87	21.06	33	Pass
Band2	3	1908.5	16QAM	8	LOW	20.23	26.75	6.52	13	0.87	21.1	33	Pass
Band2	3	1908.5	16QAM	8	MID	20.23	26.73	6.5	13	0.87	21.1	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	20.18	26.6	6.42	13	0.87	21.05	33	Pass
Band2	3	1908.5	16QAM	1	LOW	21.34	26.1	4.76	13	0.87	22.21	33	Pass
Band2	3	1908.5	16QAM	1	MID	21.36	26.18	4.82	13	0.87	22.23	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	21.25	26	4.75	13	0.87	22.12	33	Pass
Band2	5	1852.5	QPSK	25	LOW	21.25	27.46	6.21	13	0.87	22.12	33	Pass
Band2	5	1852.5	QPSK	12	LOW	21.26	26.83	5.57	13	0.87	22.13	33	Pass

Band2	5	1852.5	QPSK	12	MID	21.25	26.82	5.57	13	0.87	22.12	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	21.16	26.77	5.61	13	0.87	22.03	33	Pass
Band2	5	1852.5	QPSK	1	LOW	22.26	26.54	4.28	13	0.87	23.13	33	Pass
Band2	5	1852.5	QPSK	1	MID	22.19	26.51	4.32	13	0.87	23.06	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	22.08	26.63	4.55	13	0.87	22.95	33	Pass
Band2	5	1852.5	16QAM	25	LOW	20.31	27.21	6.9	13	0.87	21.18	33	Pass
Band2	5	1852.5	16QAM	12	LOW	20.36	26.98	6.62	13	0.87	21.23	33	Pass
Band2	5	1852.5	16QAM	12	MID	20.34	26.96	6.62	13	0.87	21.21	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	20.3	27.11	6.81	13	0.87	21.17	33	Pass
Band2	5	1852.5	16QAM	1	LOW	21.36	26.14	4.78	13	0.87	22.23	33	Pass
Band2	5	1852.5	16QAM	1	MID	21.3	26.18	4.88	13	0.87	22.17	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	21.22	26.24	5.02	13	0.87	22.09	33	Pass
Band2	5	1880	QPSK	25	LOW	21.07	26.91	5.84	13	0.87	21.94	33	Pass
Band2	5	1880	QPSK	12	LOW	21.17	26.67	5.5	13	0.87	22.04	33	Pass
Band2	5	1880	QPSK	12	MID	21.19	26.71	5.52	13	0.87	22.06	33	Pass
Band2	5	1880	QPSK	12	HIGH	21.22	27.05	5.83	13	0.87	22.09	33	Pass
Band2	5	1880	QPSK	1	LOW	22.16	25.74	3.58	13	0.87	23.03	33	Pass
Band2	5	1880	QPSK	1	MID	22.23	26.04	3.81	13	0.87	23.1	33	Pass
Band2	5	1880	QPSK	1	HIGH	22.18	26.25	4.07	13	0.87	23.05	33	Pass
Band2	5	1880	16QAM	25	LOW	20.23	27.06	6.83	13	0.87	21.1	33	Pass
Band2	5	1880	16QAM	12	LOW	20.32	26.43	6.11	13	0.87	21.19	33	Pass
Band2	5	1880	16QAM	12	MID	20.35	26.45	6.1	13	0.87	21.22	33	Pass
Band2	5	1880	16QAM	12	HIGH	20.37	26.83	6.46	13	0.87	21.24	33	Pass
Band2	5	1880	16QAM	1	LOW	21.51	25.76	4.25	13	0.87	22.38	33	Pass
Band2	5	1880	16QAM	1	MID	21.57	26.02	4.45	13	0.87	22.44	33	Pass
Band2	5	1880	16QAM	1	HIGH	21.53	26.18	4.65	13	0.87	22.4	33	Pass
Band2	5	1907.5	QPSK	25	LOW	21.15	27.68	6.53	13	0.87	22.02	33	Pass
Band2	5	1907.5	QPSK	12	LOW	21.17	26.97	5.8	13	0.87	22.04	33	Pass
Band2	5	1907.5	QPSK	12	MID	21.17	26.97	5.8	13	0.87	22.04	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	21.14	27.01	5.87	13	0.87	22.01	33	Pass
Band2	5	1907.5	QPSK	1	LOW	22.1	26.27	4.17	13	0.87	22.97	33	Pass
Band2	5	1907.5	QPSK	1	MID	22.08	26.53	4.45	13	0.87	22.95	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	22.11	26.37	4.26	13	0.87	22.98	33	Pass
Band2	5	1907.5	16QAM	25	LOW	20.24	28.12	7.88	13	0.87	21.11	33	Pass
Band2	5	1907.5	16QAM	12	LOW	20.18	26.82	6.64	13	0.87	21.05	33	Pass
Band2	5	1907.5	16QAM	12	MID	20.19	26.83	6.64	13	0.87	21.06	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	20.18	27.03	6.85	13	0.87	21.05	33	Pass
Band2	5	1907.5	16QAM	1	LOW	21.19	26.2	5.01	13	0.87	22.06	33	Pass
Band2	5	1907.5	16QAM	1	MID	21.22	26.45	5.23	13	0.87	22.09	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	21.48	26.35	4.87	13	0.87	22.35	33	Pass
Band2	10	1855	QPSK	50	LOW	21.21	27.24	6.03	13	0.87	22.08	33	Pass
Band2	10	1855	QPSK	25	LOW	21.1	26.96	5.86	13	0.87	21.97	33	Pass
Band2	10	1855	QPSK	25	MID	21.12	26.9	5.78	13	0.87	21.99	33	Pass
Band2	10	1855	QPSK	25	HIGH	21.01	27.03	6.02	13	0.87	21.88	33	Pass
Band2	10	1855	QPSK	1	LOW	22.26	26.19	3.93	13	0.87	23.13	33	Pass
Band2	10	1855	QPSK	1	MID	22.11	26.3	4.19	13	0.87	22.98	33	Pass

Band2	10	1855	QPSK	1	HIGH	21.98	26.36	4.38	13	0.87	22.85	33	Pass
Band2	10	1855	16QAM	50	LOW	20.25	27.37	7.12	13	0.87	21.12	33	Pass
Band2	10	1855	16QAM	25	LOW	20.3	26.91	6.61	13	0.87	21.17	33	Pass
Band2	10	1855	16QAM	25	MID	20.31	26.95	6.64	13	0.87	21.18	33	Pass
Band2	10	1855	16QAM	25	HIGH	20.22	27.06	6.84	13	0.87	21.09	33	Pass
Band2	10	1855	16QAM	1	LOW	21.89	26.46	4.57	13	0.87	22.76	33	Pass
Band2	10	1855	16QAM	1	MID	21.84	26.63	4.79	13	0.87	22.71	33	Pass
Band2	10	1855	16QAM	1	HIGH	21.72	26.67	4.95	13	0.87	22.59	33	Pass
Band2	10	1880	QPSK	50	LOW	21.09	27.07	5.98	13	0.87	21.96	33	Pass
Band2	10	1880	QPSK	25	LOW	21.12	26.56	5.44	13	0.87	21.99	33	Pass
Band2	10	1880	QPSK	25	MID	21.12	26.57	5.45	13	0.87	21.99	33	Pass
Band2	10	1880	QPSK	25	HIGH	21.21	27.06	5.85	13	0.87	22.08	33	Pass
Band2	10	1880	QPSK	1	LOW	22.21	25.61	3.4	13	0.87	23.08	33	Pass
Band2	10	1880	QPSK	1	MID	22.24	26.07	3.83	13	0.87	23.11	33	Pass
Band2	10	1880	QPSK	1	HIGH	22.26	26.56	4.3	13	0.87	23.13	33	Pass
Band2	10	1880	16QAM	50	LOW	20.24	26.97	6.73	13	0.87	21.11	33	Pass
Band2	10	1880	16QAM	25	LOW	20.21	26.52	6.31	13	0.87	21.08	33	Pass
Band2	10	1880	16QAM	25	MID	20.19	26.61	6.42	13	0.87	21.06	33	Pass
Band2	10	1880	16QAM	25	HIGH	20.24	27.03	6.79	13	0.87	21.11	33	Pass
Band2	10	1880	16QAM	1	LOW	21.34	25.42	4.08	13	0.87	22.21	33	Pass
Band2	10	1880	16QAM	1	MID	21.4	25.8	4.4	13	0.87	22.27	33	Pass
Band2	10	1880	16QAM	1	HIGH	21.39	26.24	4.85	13	0.87	22.26	33	Pass
Band2	10	1905	QPSK	50	LOW	21.14	27.14	6	13	0.87	22.01	33	Pass
Band2	10	1905	QPSK	25	LOW	21.09	26.67	5.58	13	0.87	21.96	33	Pass
Band2	10	1905	QPSK	25	MID	21.09	26.7	5.61	13	0.87	21.96	33	Pass
Band2	10	1905	QPSK	25	HIGH	21.07	27.34	6.27	13	0.87	21.94	33	Pass
Band2	10	1905	QPSK	1	LOW	22.09	25.62	3.53	13	0.87	22.96	33	Pass
Band2	10	1905	QPSK	1	MID	22.12	26.08	3.96	13	0.87	22.99	33	Pass
Band2	10	1905	QPSK	1	HIGH	22.13	26.4	4.27	13	0.87	23	33	Pass
Band2	10	1905	16QAM	50	LOW	20.19	26.92	6.73	13	0.87	21.06	33	Pass
Band2	10	1905	16QAM	25	LOW	20.17	26.5	6.33	13	0.87	21.04	33	Pass
Band2	10	1905	16QAM	25	MID	20.17	26.49	6.32	13	0.87	21.04	33	Pass
Band2	10	1905	16QAM	25	HIGH	20.26	27.13	6.87	13	0.87	21.13	33	Pass
Band2	10	1905	16QAM	1	LOW	21.31	25.38	4.07	13	0.87	22.18	33	Pass
Band2	10	1905	16QAM	1	MID	21.42	25.96	4.54	13	0.87	22.29	33	Pass
Band2	10	1905	16QAM	1	HIGH	21.31	26.11	4.8	13	0.87	22.18	33	Pass
Band2	15	1857.5	QPSK	75	LOW	21.23	27.74	6.51	13	0.87	22.1	33	Pass
Band2	15	1857.5	QPSK	38	LOW	21.18	27.76	6.58	13	0.87	22.05	33	Pass
Band2	15	1857.5	QPSK	38	MID	21.18	27.76	6.58	13	0.87	22.05	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	21.18	27.82	6.64	13	0.87	22.05	33	Pass
Band2	15	1857.5	QPSK	1	LOW	22.22	26.19	3.97	13	0.87	23.09	33	Pass
Band2	15	1857.5	QPSK	1	MID	22.09	26.41	4.32	13	0.87	22.96	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	22.05	26.23	4.18	13	0.87	22.92	33	Pass
Band2	15	1857.5	16QAM	75	LOW	20.24	27.43	7.19	13	0.87	21.11	33	Pass
Band2	15	1857.5	16QAM	38	LOW	20.26	27.52	7.26	13	0.87	21.13	33	Pass
Band2	15	1857.5	16QAM	38	MID	20.26	27.49	7.23	13	0.87	21.13	33	Pass

Band2	15	1857.5	16QAM	38	HIGH	20.27	27.34	7.07	13	0.87	21.14	33	Pass
Band2	15	1857.5	16QAM	1	LOW	21.91	26.48	4.57	13	0.87	22.78	33	Pass
Band2	15	1857.5	16QAM	1	MID	21.82	26.65	4.83	13	0.87	22.69	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	21.72	26.54	4.82	13	0.87	22.59	33	Pass
Band2	15	1880	QPSK	75	LOW	21.21	27.68	6.47	13	0.87	22.08	33	Pass
Band2	15	1880	QPSK	38	LOW	21.26	27.71	6.45	13	0.87	22.13	33	Pass
Band2	15	1880	QPSK	38	MID	21.26	27.56	6.3	13	0.87	22.13	33	Pass
Band2	15	1880	QPSK	38	HIGH	21.26	27.72	6.46	13	0.87	22.13	33	Pass
Band2	15	1880	QPSK	1	LOW	22.28	25.73	3.45	13	0.87	23.15	33	Pass
Band2	15	1880	QPSK	1	MID	22.25	26.05	3.8	13	0.87	23.12	33	Pass
Band2	15	1880	QPSK	1	HIGH	22.31	26.66	4.35	13	0.87	23.18	33	Pass
Band2	15	1880	16QAM	75	LOW	20.25	27.38	7.13	13	0.87	21.12	33	Pass
Band2	15	1880	16QAM	38	LOW	20.29	27.38	7.09	13	0.87	21.16	33	Pass
Band2	15	1880	16QAM	38	MID	20.3	27.34	7.04	13	0.87	21.17	33	Pass
Band2	15	1880	16QAM	38	HIGH	20.24	27.38	7.14	13	0.87	21.11	33	Pass
Band2	15	1880	16QAM	1	LOW	21.37	25.61	4.24	13	0.87	22.24	33	Pass
Band2	15	1880	16QAM	1	MID	21.38	25.83	4.45	13	0.87	22.25	33	Pass
Band2	15	1880	16QAM	1	HIGH	21.45	26.3	4.85	13	0.87	22.32	33	Pass
Band2	15	1902.5	QPSK	75	LOW	21.18	27.7	6.52	13	0.87	22.05	33	Pass
Band2	15	1902.5	QPSK	38	LOW	21.19	27.48	6.29	13	0.87	22.06	33	Pass
Band2	15	1902.5	QPSK	38	MID	21.19	27.5	6.31	13	0.87	22.06	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	21.19	27.57	6.38	13	0.87	22.06	33	Pass
Band2	15	1902.5	QPSK	1	LOW	22.16	26.08	3.92	13	0.87	23.03	33	Pass
Band2	15	1902.5	QPSK	1	MID	22.07	25.79	3.72	13	0.87	22.94	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	22.16	26.45	4.29	13	0.87	23.03	33	Pass
Band2	15	1902.5	16QAM	75	LOW	20.2	27.28	7.08	13	0.87	21.07	33	Pass
Band2	15	1902.5	16QAM	38	LOW	20.15	27.24	7.09	13	0.87	21.02	33	Pass
Band2	15	1902.5	16QAM	38	MID	20.14	27.17	7.03	13	0.87	21.01	33	Pass
Band2	15	1902.5	16QAM	38	HIGH	20.15	27.2	7.05	13	0.87	21.02	33	Pass
Band2	15	1902.5	16QAM	1	LOW	21.69	25.89	4.2	13	0.87	22.56	33	Pass
Band2	15	1902.5	16QAM	1	MID	21.65	25.6	3.95	13	0.87	22.52	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	21.34	26.18	4.84	13	0.87	22.21	33	Pass
Band2	20	1860	QPSK	100	LOW	21.17	27.28	6.11	13	0.87	22.04	33	Pass
Band2	20	1860	QPSK	50	LOW	21.2	27.12	5.92	13	0.87	22.07	33	Pass
Band2	20	1860	QPSK	50	MID	21.19	27.12	5.93	13	0.87	22.06	33	Pass
Band2	20	1860	QPSK	50	HIGH	21.1	26.99	5.89	13	0.87	21.97	33	Pass
Band2	20	1860	QPSK	1	LOW	22.38	26.32	3.94	13	0.87	23.25	33	Pass
Band2	20	1860	QPSK	1	MID	22.18	26.36	4.18	13	0.87	23.05	33	Pass
Band2	20	1860	QPSK	1	HIGH	22.14	25.91	3.77	13	0.87	23.01	33	Pass
Band2	20	1860	16QAM	100	LOW	20.22	27.83	7.61	13	0.87	21.09	33	Pass
Band2	20	1860	16QAM	50	LOW	20.34	27.3	6.96	13	0.87	21.21	33	Pass
Band2	20	1860	16QAM	50	MID	20.34	27.35	7.01	13	0.87	21.21	33	Pass
Band2	20	1860	16QAM	50	HIGH	20.22	27.23	7.01	13	0.87	21.09	33	Pass
Band2	20	1860	16QAM	1	LOW	21.71	26.24	4.53	13	0.87	22.58	33	Pass
Band2	20	1860	16QAM	1	MID	21.53	26.47	4.94	13	0.87	22.4	33	Pass
Band2	20	1860	16QAM	1	HIGH	21.43	25.95	4.52	13	0.87	22.3	33	Pass

Band2	20	1880	QPSK	100	LOW	21.19	27.36	6.17	13	0.87	22.06	33	Pass
Band2	20	1880	QPSK	50	LOW	21.18	26.65	5.47	13	0.87	22.05	33	Pass
Band2	20	1880	QPSK	50	MID	21.18	26.71	5.53	13	0.87	22.05	33	Pass
Band2	20	1880	QPSK	50	HIGH	21.29	27.37	6.08	13	0.87	22.16	33	Pass
Band2	20	1880	QPSK	1	LOW	22.32	25.89	3.57	13	0.87	23.19	33	Pass
Band2	20	1880	QPSK	1	MID	22.37	26.02	3.65	13	0.87	23.24	33	Pass
Band2	20	1880	QPSK	1	HIGH	22.43	26.62	4.19	13	0.87	23.3	33	Pass
Band2	20	1880	16QAM	100	LOW	20.26	27.46	7.2	13	0.87	21.13	33	Pass
Band2	20	1880	16QAM	50	LOW	20.27	26.78	6.51	13	0.87	21.14	33	Pass
Band2	20	1880	16QAM	50	MID	20.27	26.63	6.36	13	0.87	21.14	33	Pass
Band2	20	1880	16QAM	50	HIGH	20.32	27.4	7.08	13	0.87	21.19	33	Pass
Band2	20	1880	16QAM	1	LOW	21.52	26	4.48	13	0.87	22.39	33	Pass
Band2	20	1880	16QAM	1	MID	21.53	26.14	4.61	13	0.87	22.4	33	Pass
Band2	20	1880	16QAM	1	HIGH	21.57	26.64	5.07	13	0.87	22.44	33	Pass
Band2	20	1900	QPSK	100	LOW	21.14	27.33	6.19	13	0.87	22.01	33	Pass
Band2	20	1900	QPSK	50	LOW	21.23	26.93	5.7	13	0.87	22.1	33	Pass
Band2	20	1900	QPSK	50	MID	21.23	26.96	5.73	13	0.87	22.1	33	Pass
Band2	20	1900	QPSK	50	HIGH	21.14	26.95	5.81	13	0.87	22.01	33	Pass
Band2	20	1900	QPSK	1	LOW	22.27	26.42	4.15	13	0.87	23.14	33	Pass
Band2	20	1900	QPSK	1	MID	22.13	25.58	3.45	13	0.87	23	33	Pass
Band2	20	1900	QPSK	1	HIGH	22.29	26.48	4.19	13	0.87	23.16	33	Pass
Band2	20	1900	16QAM	100	LOW	20.18	27.23	7.05	13	0.87	21.05	33	Pass
Band2	20	1900	16QAM	50	LOW	20.17	26.72	6.55	13	0.87	21.04	33	Pass
Band2	20	1900	16QAM	50	MID	20.19	26.8	6.61	13	0.87	21.06	33	Pass
Band2	20	1900	16QAM	50	HIGH	20.14	26.94	6.8	13	0.87	21.01	33	Pass
Band2	20	1900	16QAM	1	LOW	21.81	26.49	4.68	13	0.87	22.68	33	Pass
Band2	20	1900	16QAM	1	MID	21.65	25.54	3.89	13	0.87	22.52	33	Pass
Band2	20	1900	16QAM	1	HIGH	21.49	26.71	5.22	13	0.87	22.36	33	Pass