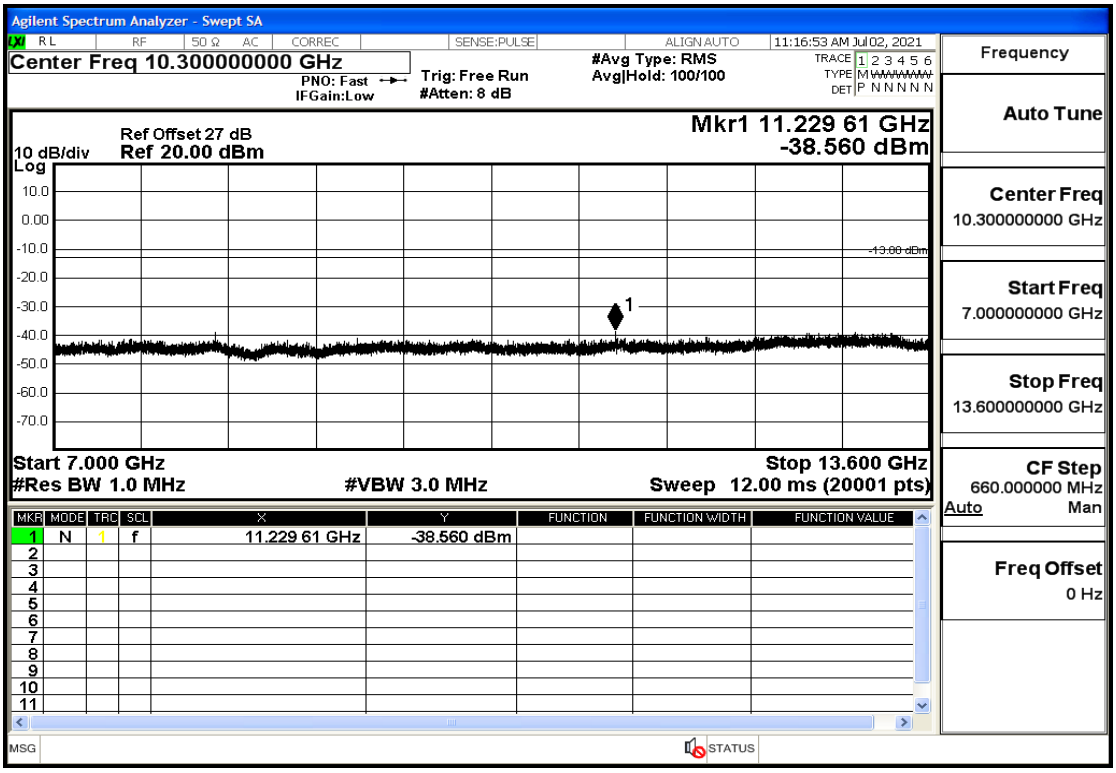
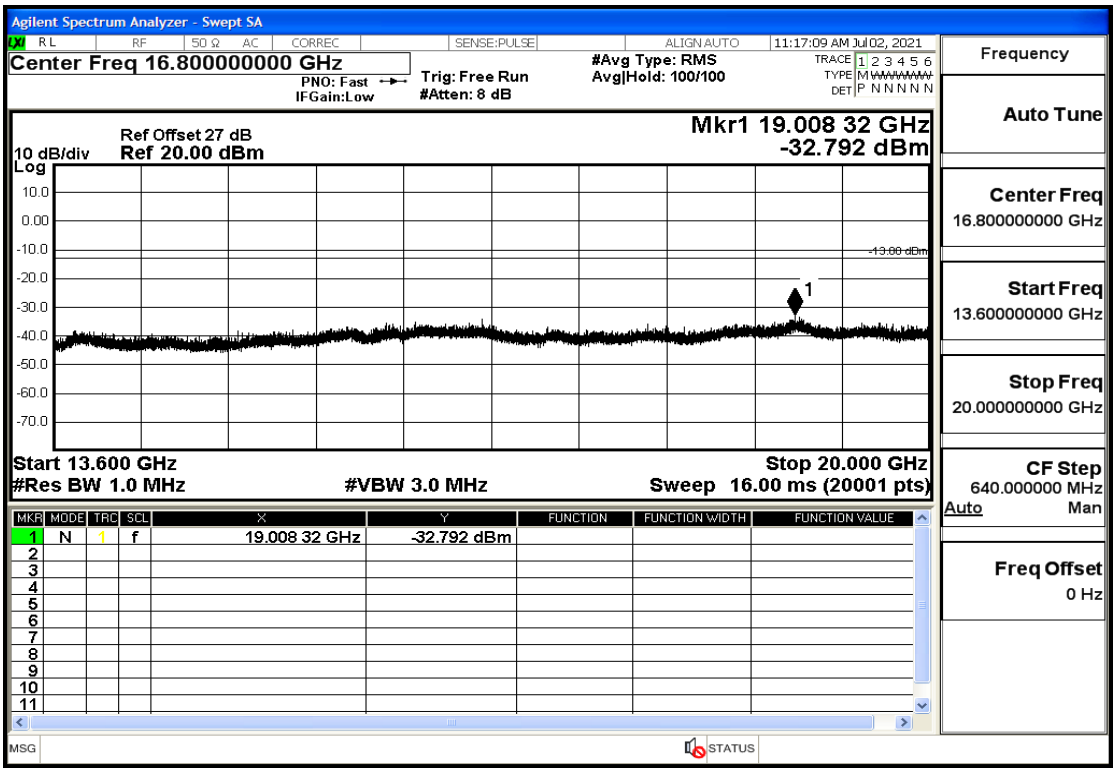
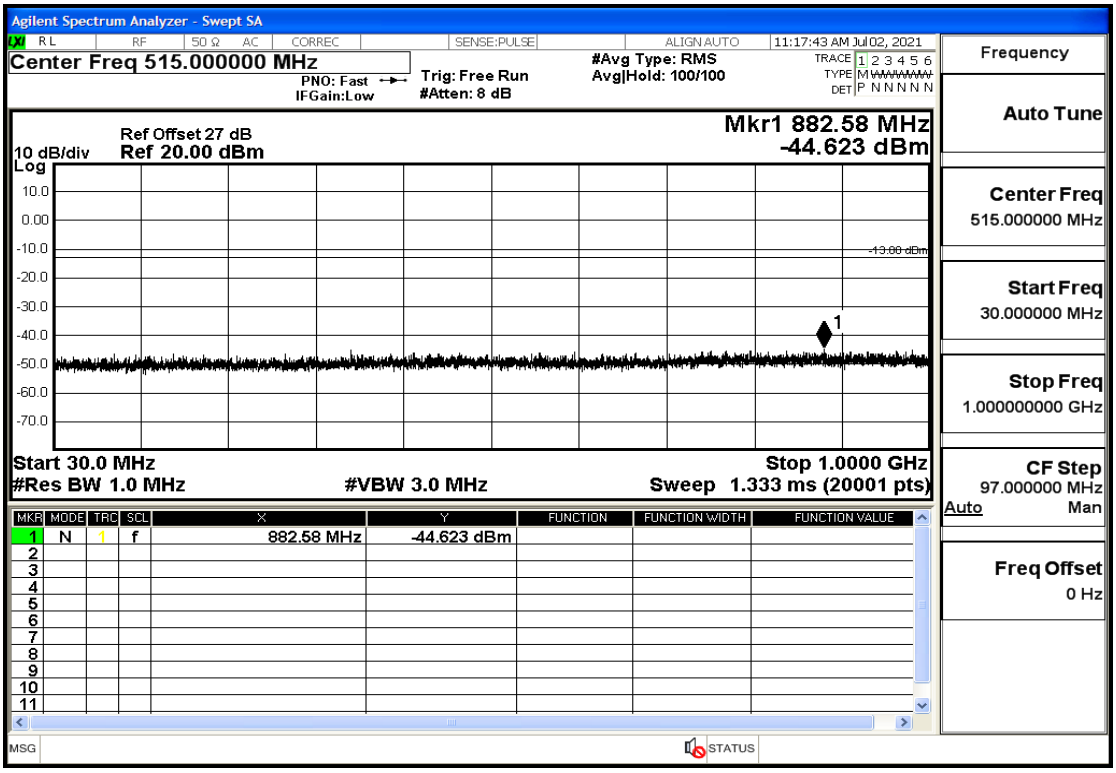
OB66-15-1772.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



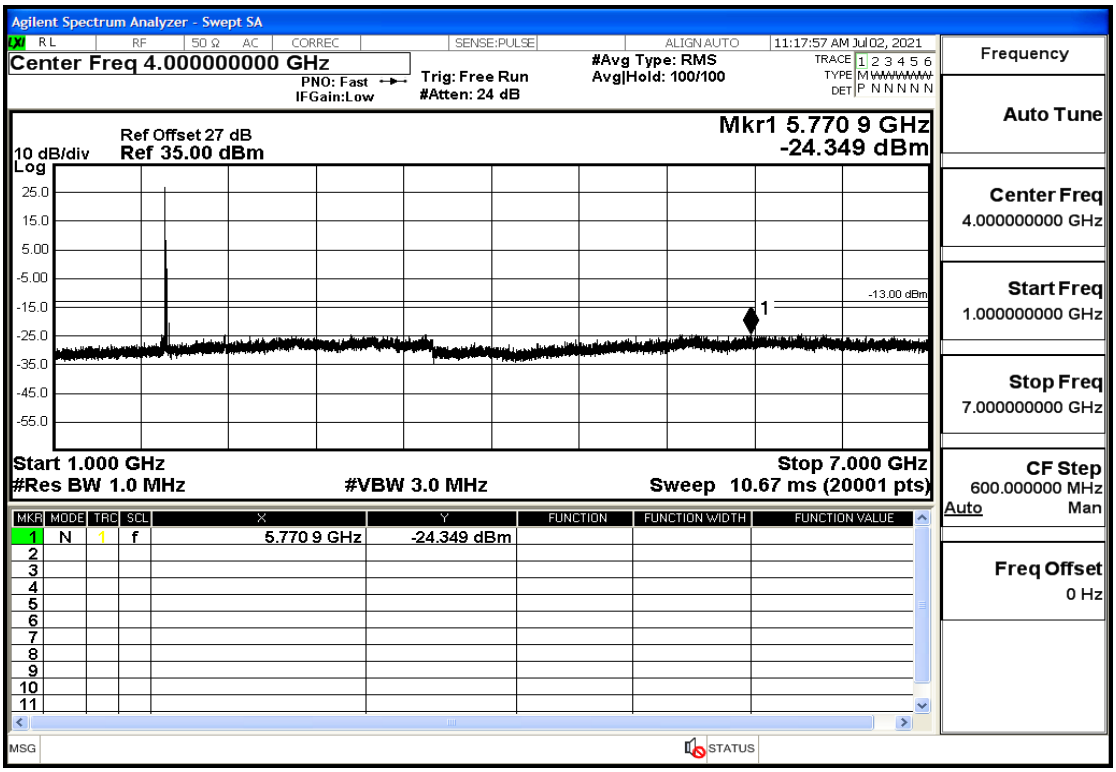
OB66-15-1772.5-QPSK-75#LOW@13.6GHz-20GHz@Pass



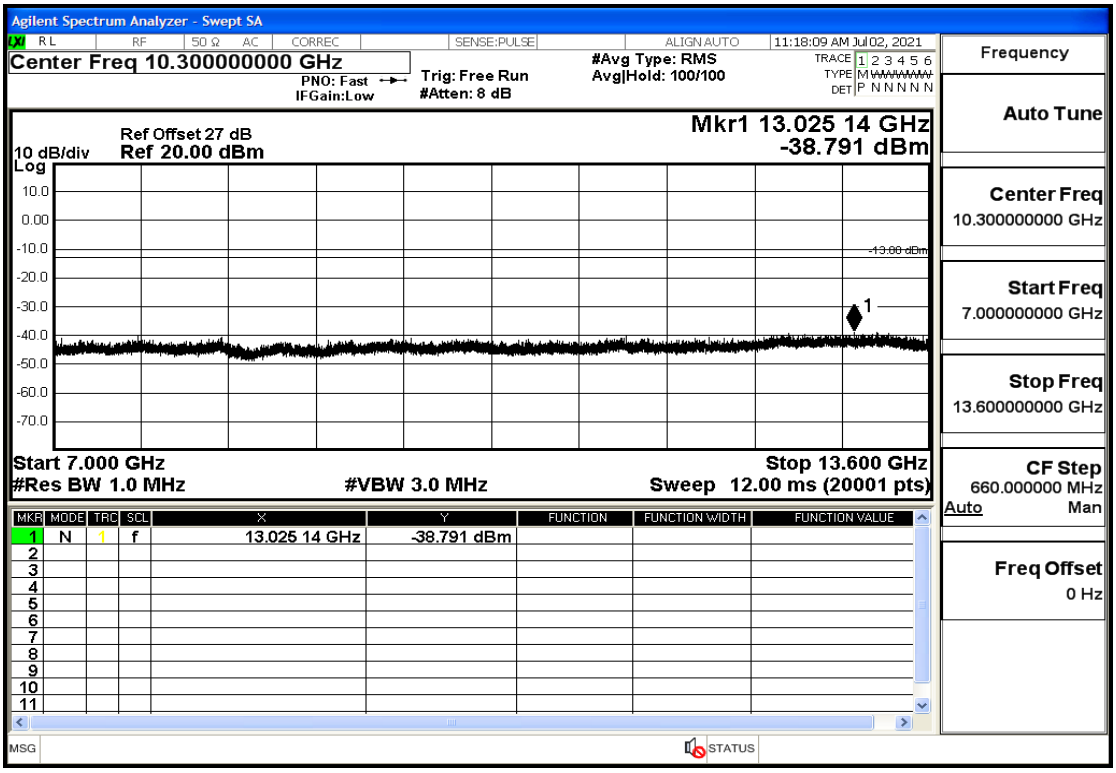
OB66-15-1772.5-QPSK-1#LOW@30mHz-1GHz@Pass



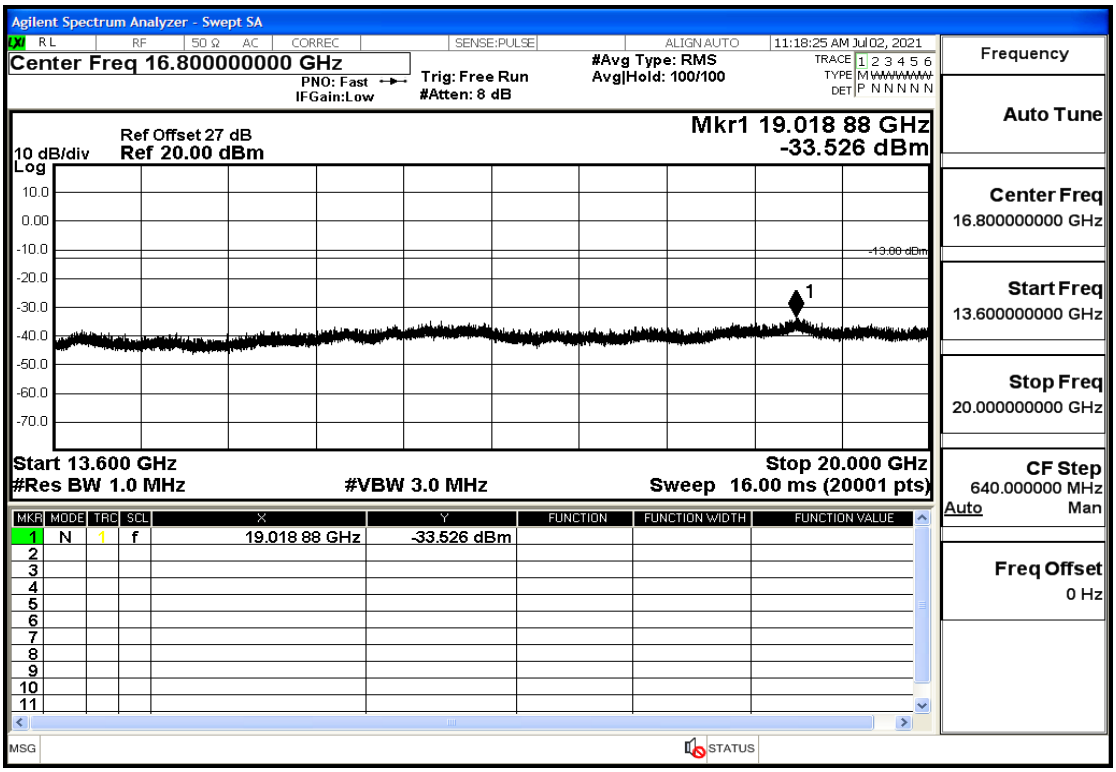
OB66-15-1772.5-QPSK-1#LOW@1GHz-7GHz@Pass



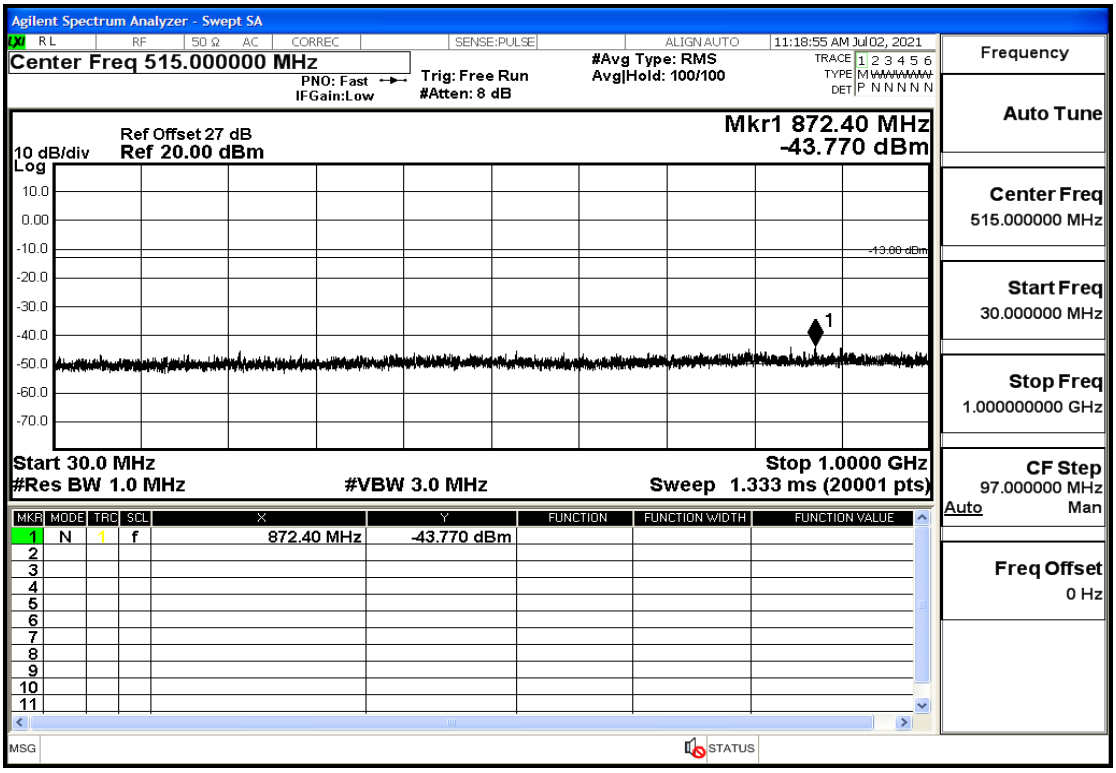
OB66-15-1772.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



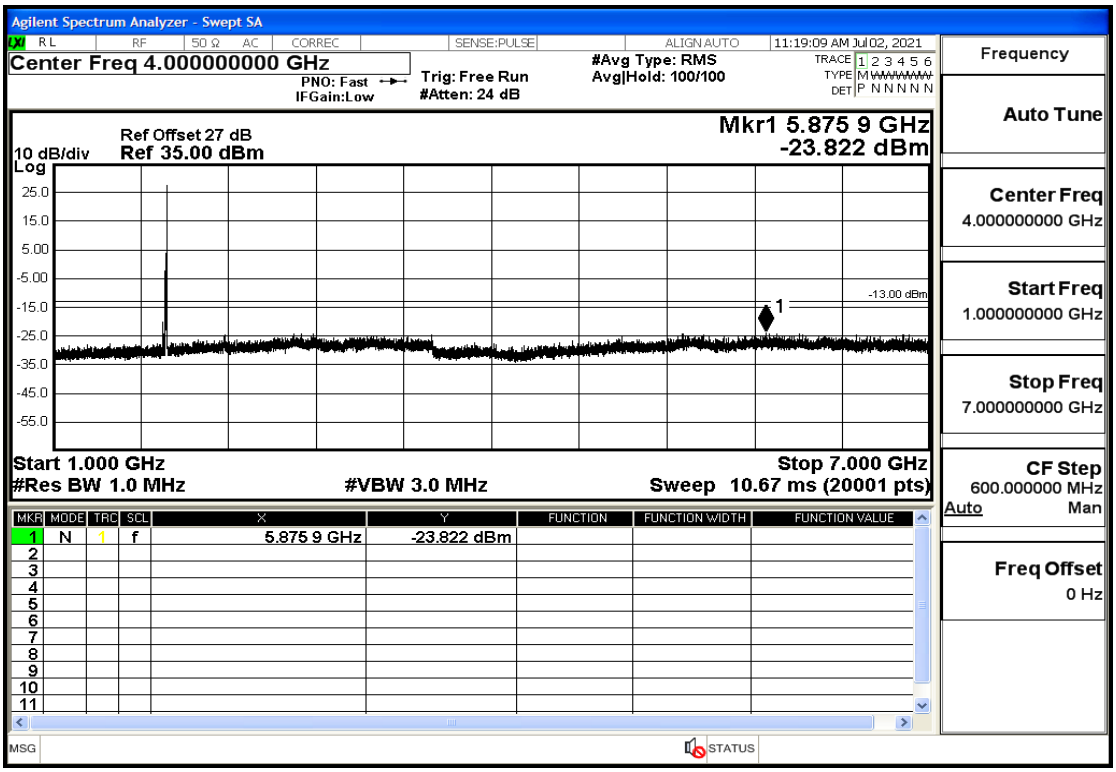
OB66-15-1772.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



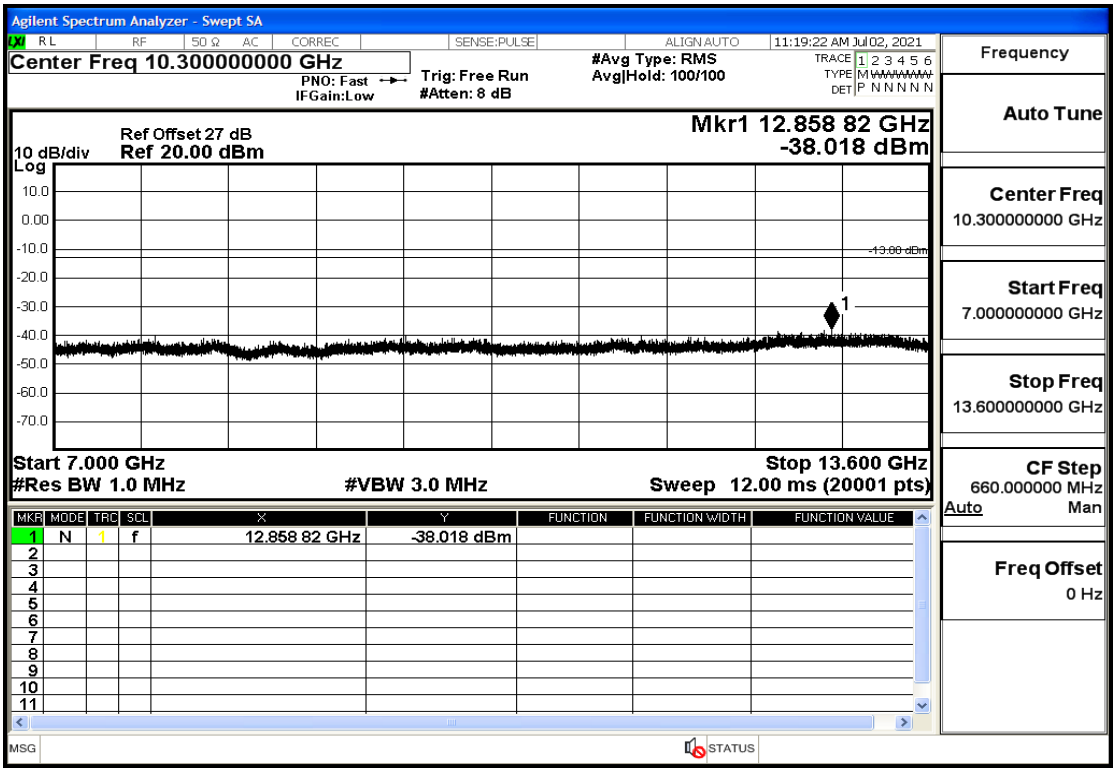
OB66-15-1772.5-QPSK-1#HIGH@30mHz-1GHz@Pass



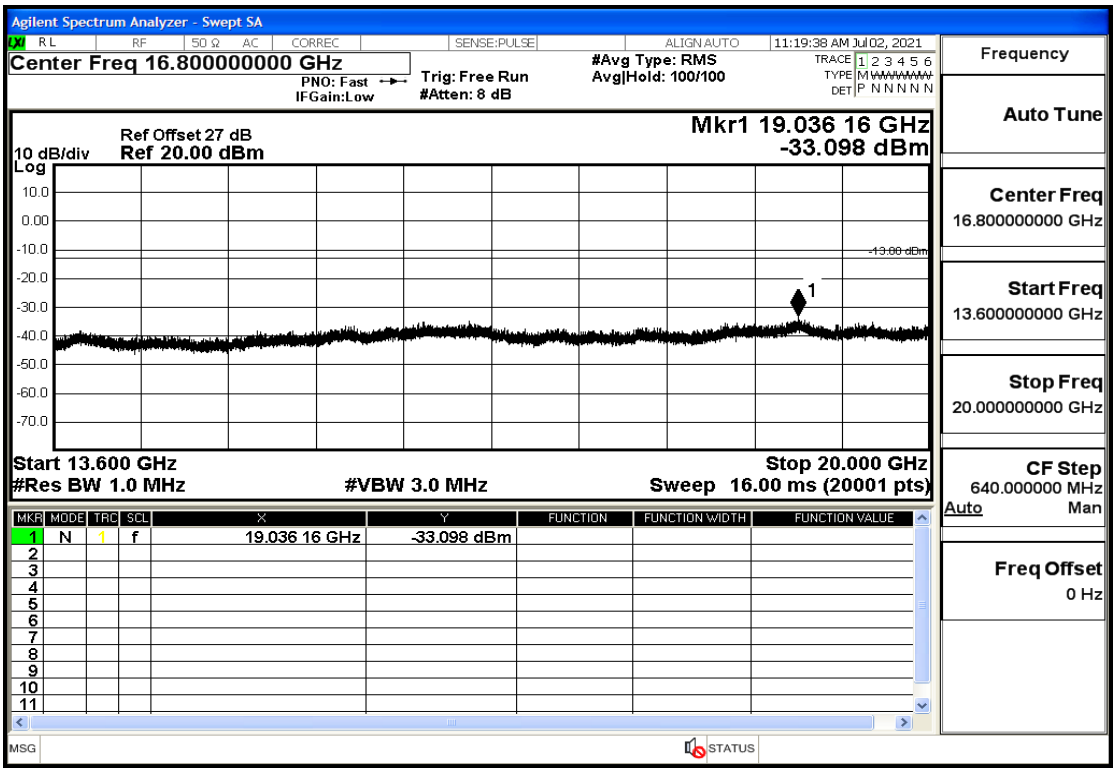
OB66-15-1772.5-QPSK-1#HIGH@1GHz-7GHz@Pass



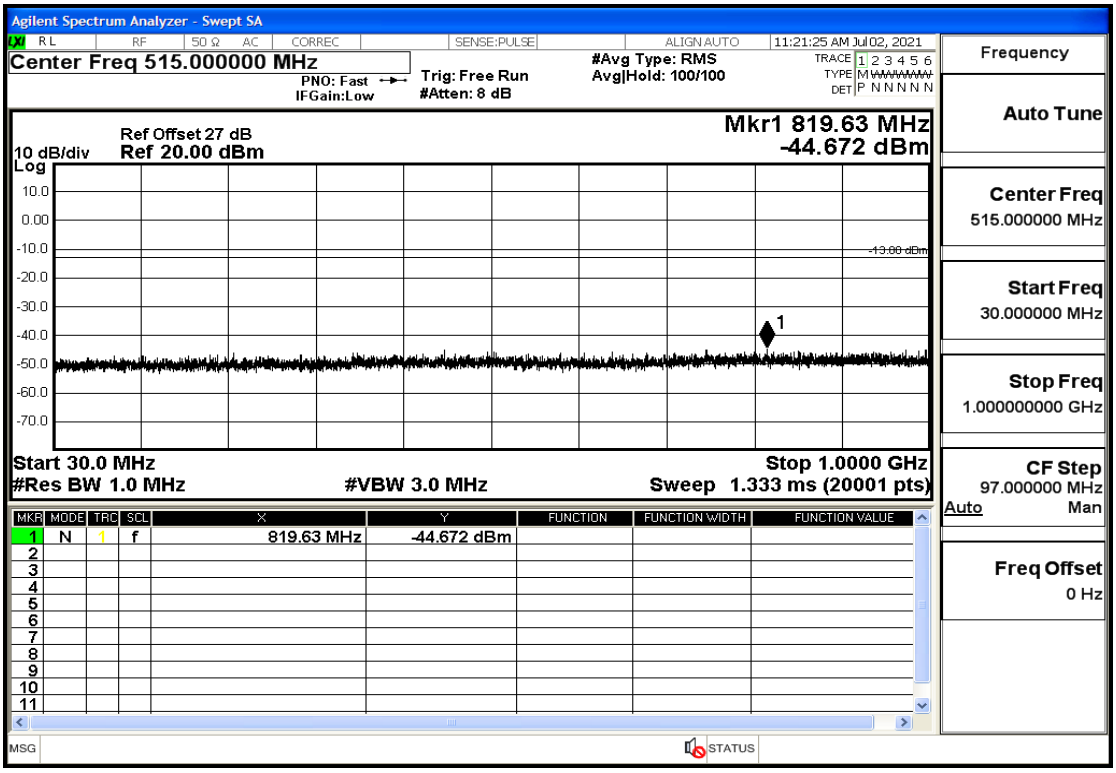
OB66-15-1772.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



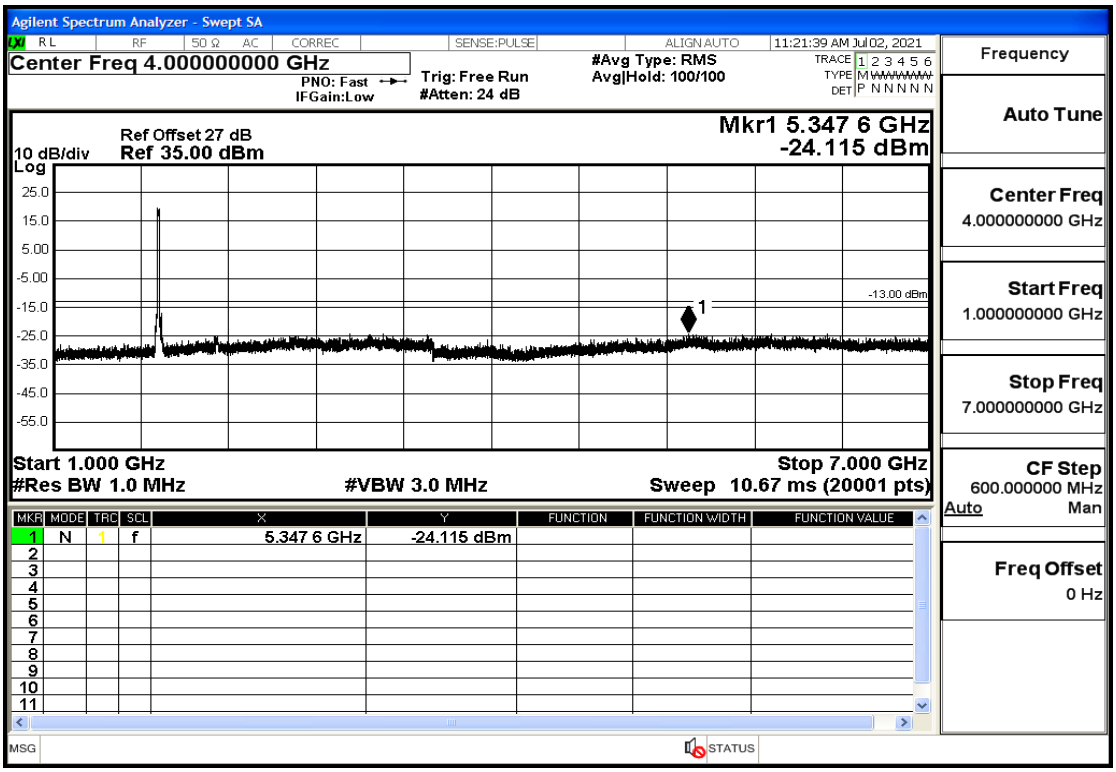
OB66-15-1772.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



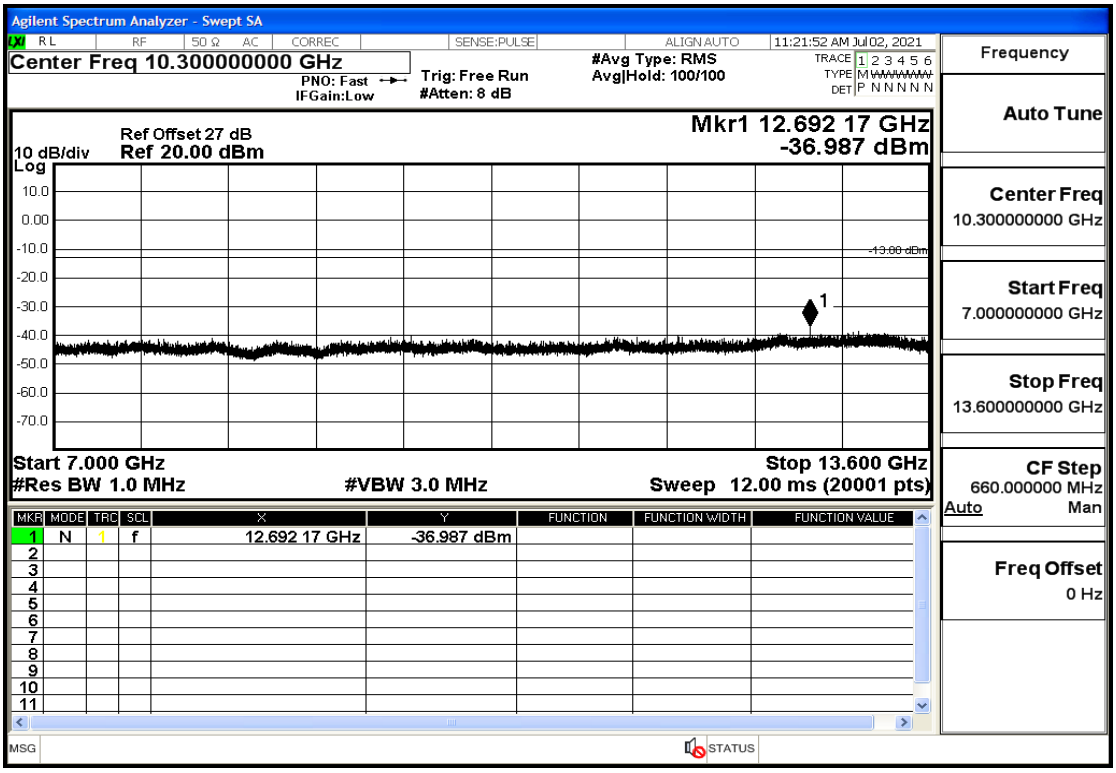
OB66-20-1720-QPSK-100#LOW@30mHz-1GHz@Pass



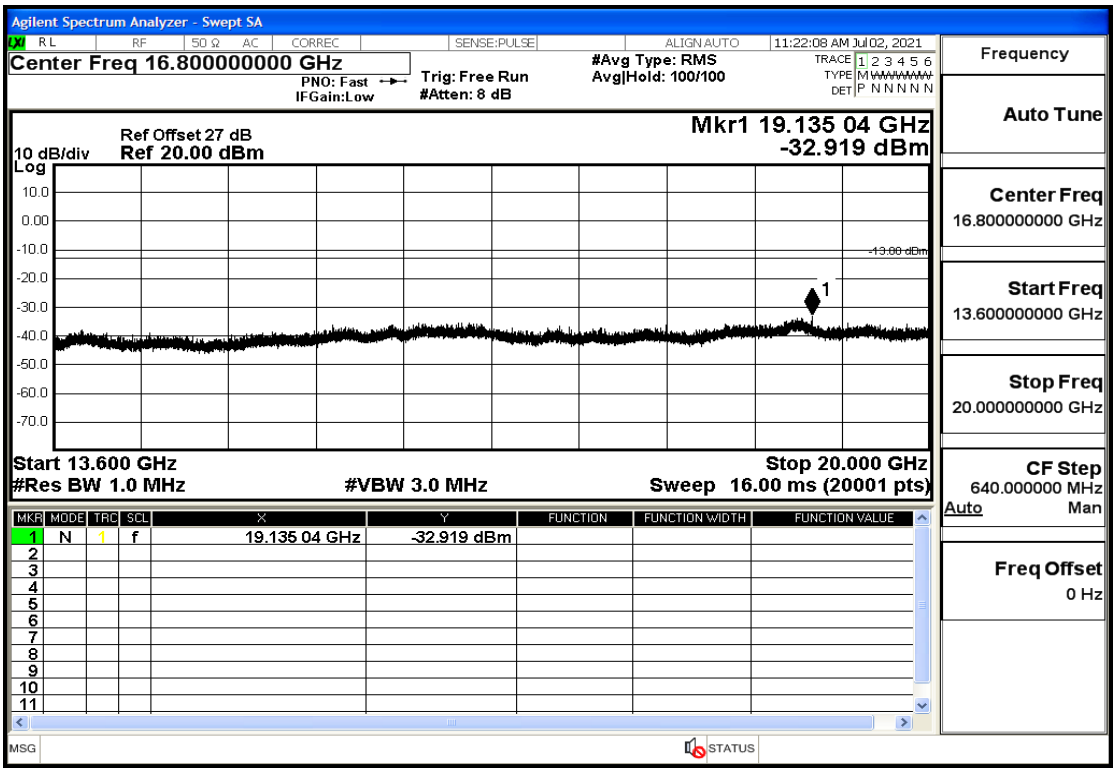
OB66-20-1720-QPSK-100#LOW@1GHz-7GHz@Pass



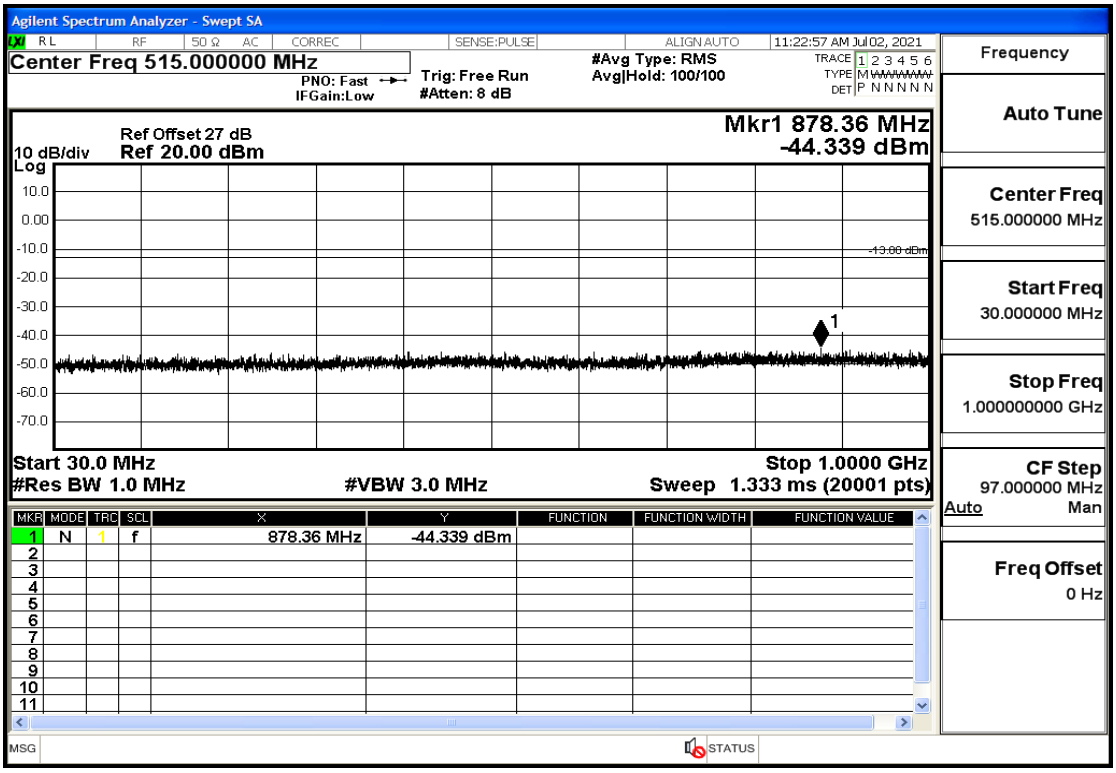
OB66-20-1720-QPSK-100#LOW@7GHz-13.6GHz@Pass



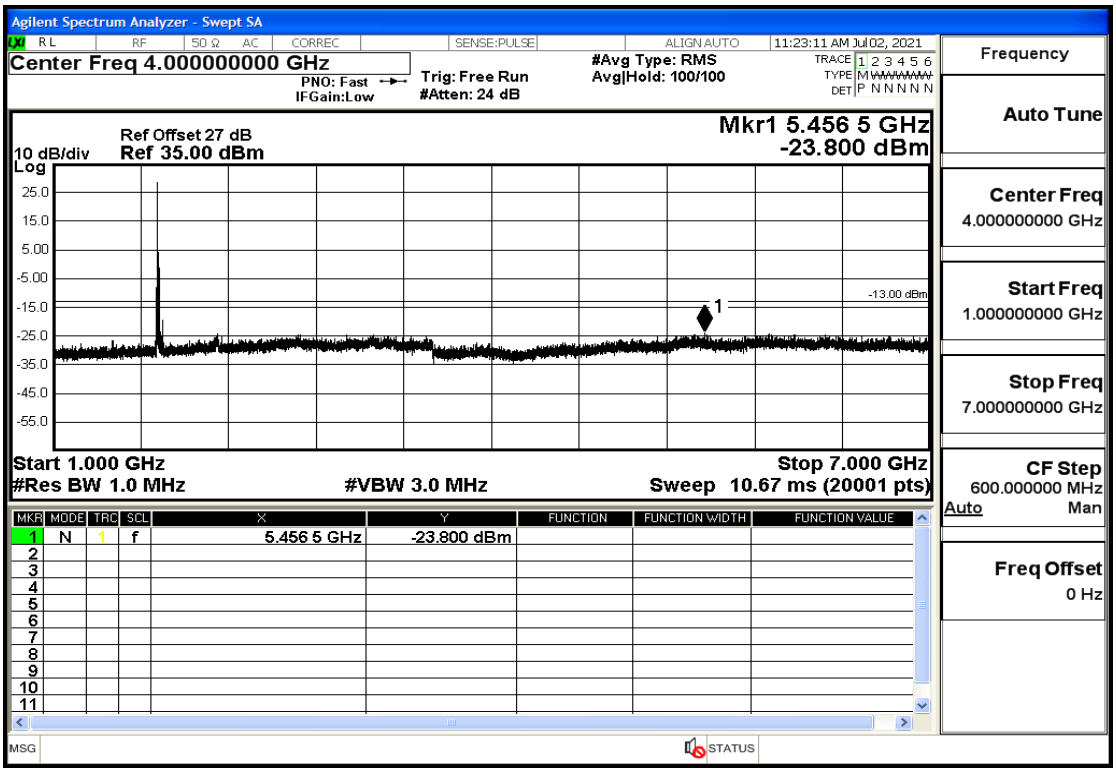
OB66-20-1720-QPSK-100#LOW@13.6GHz-20GHz@Pass



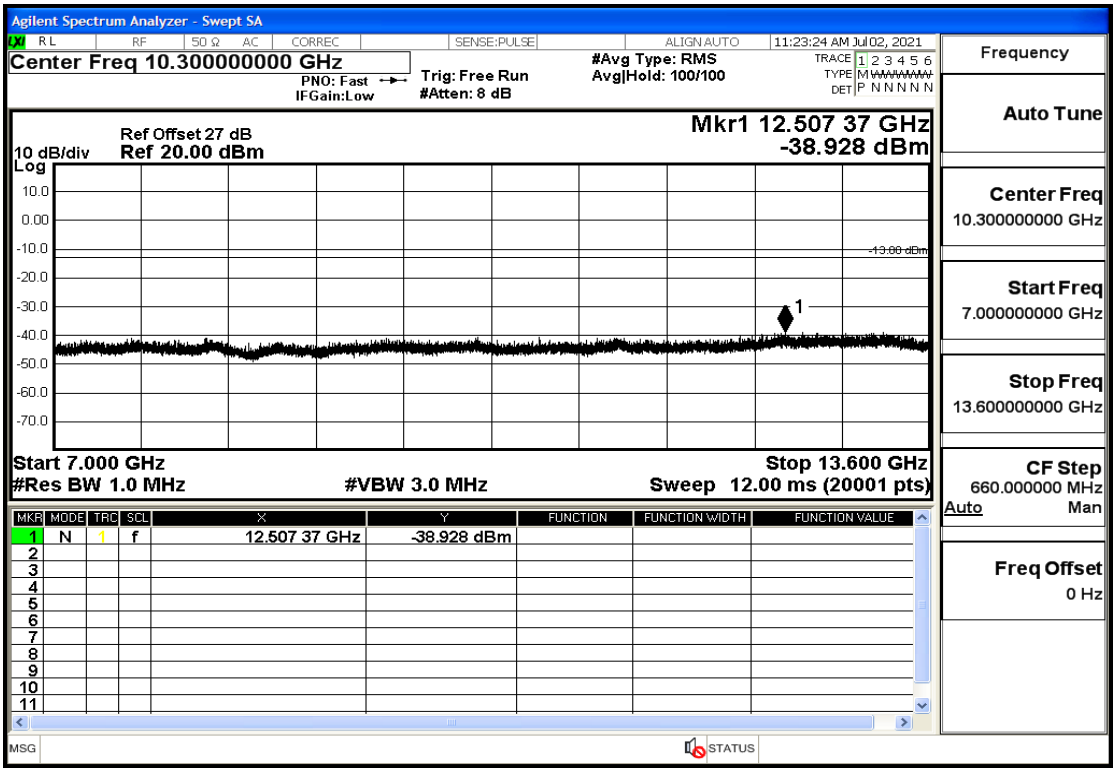
OB66-20-1720-QPSK-1#LOW@30mHz-1GHz@Pass



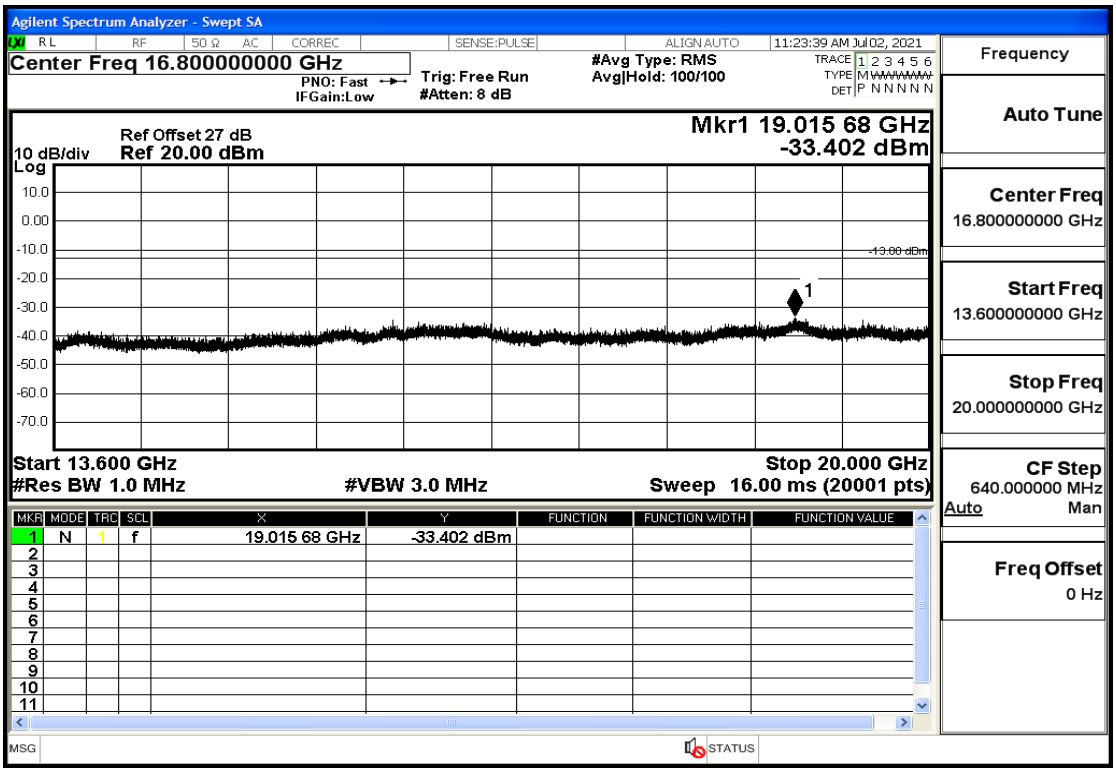
OB66-20-1720-QPSK-1#LOW@1GHz-7GHz@Pass



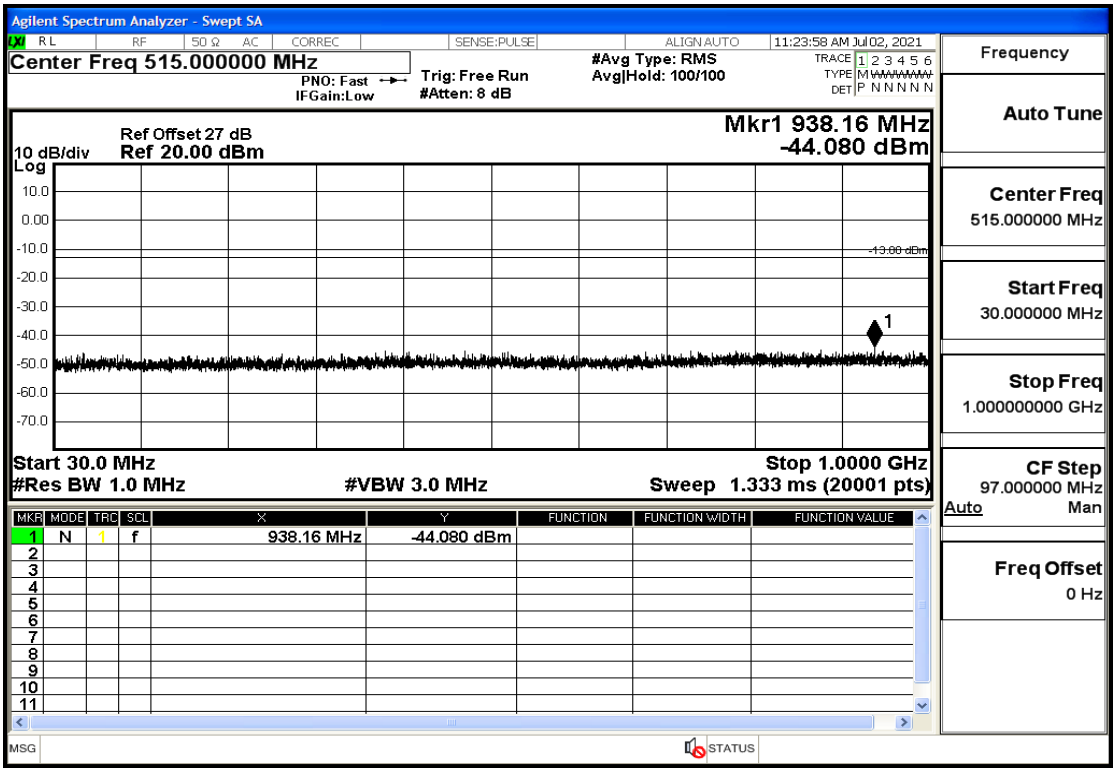
OB66-20-1720-QPSK-1#LOW@7GHz-13.6GHz@Pass



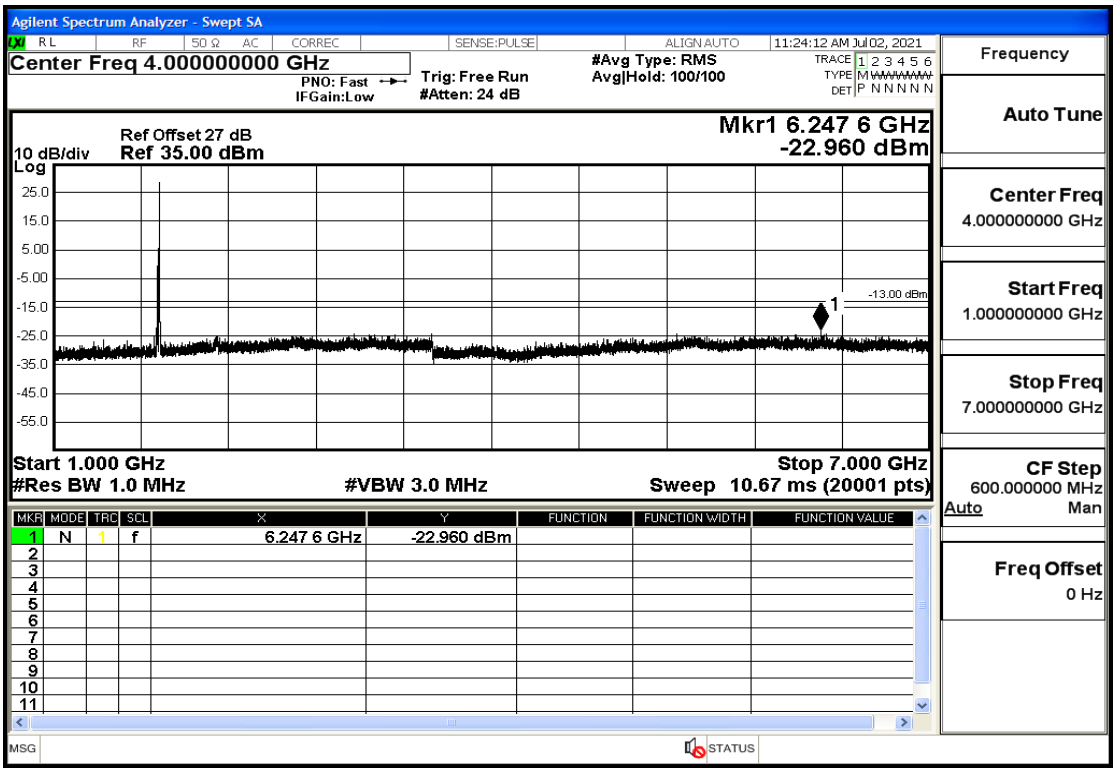
OB66-20-1720-QPSK-1#LOW@13.6GHz-20GHz@Pass



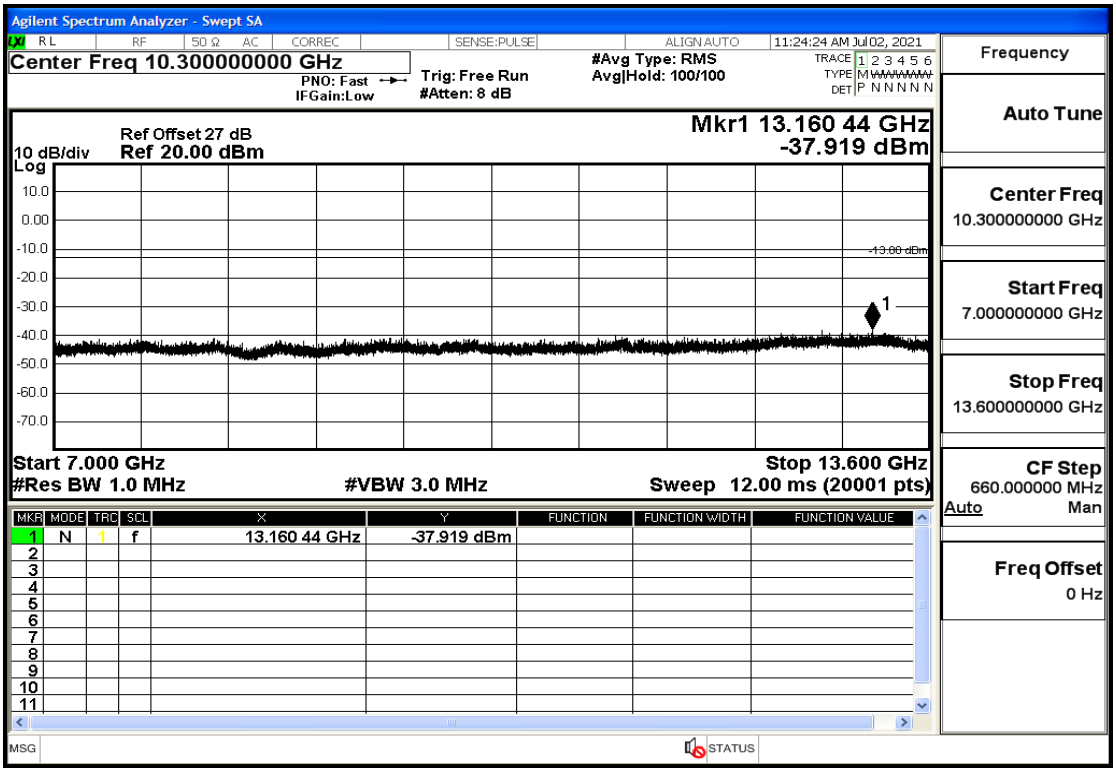
OB66-20-1720-QPSK-1#HIGH@30mHz-1GHz@Pass



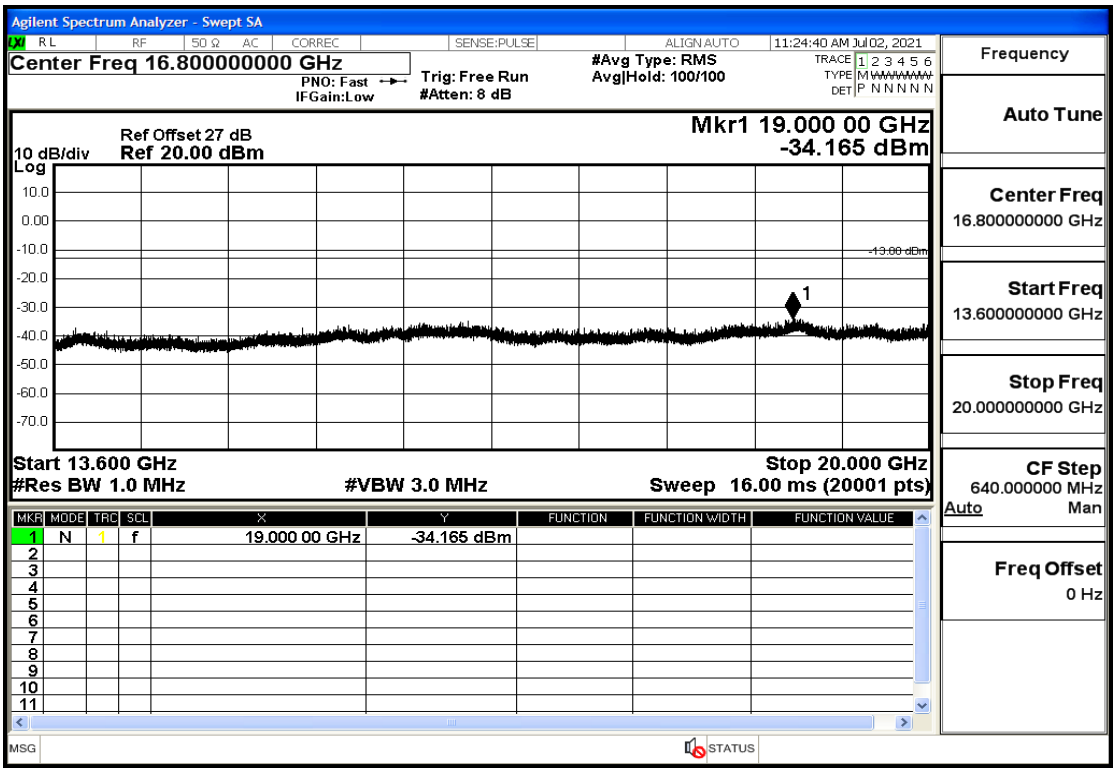
OB66-20-1720-QPSK-1#HIGH@1GHz-7GHz@Pass



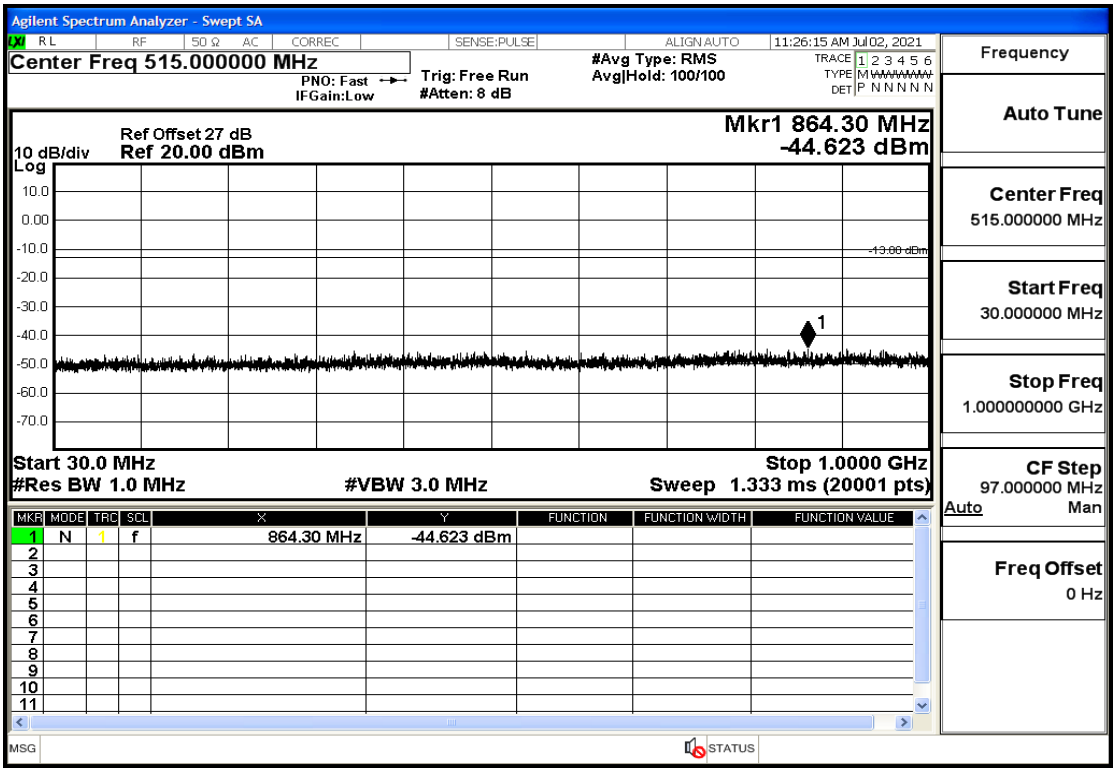
OB66-20-1720-QPSK-1#HIGH@7GHz-13.6GHz@Pass



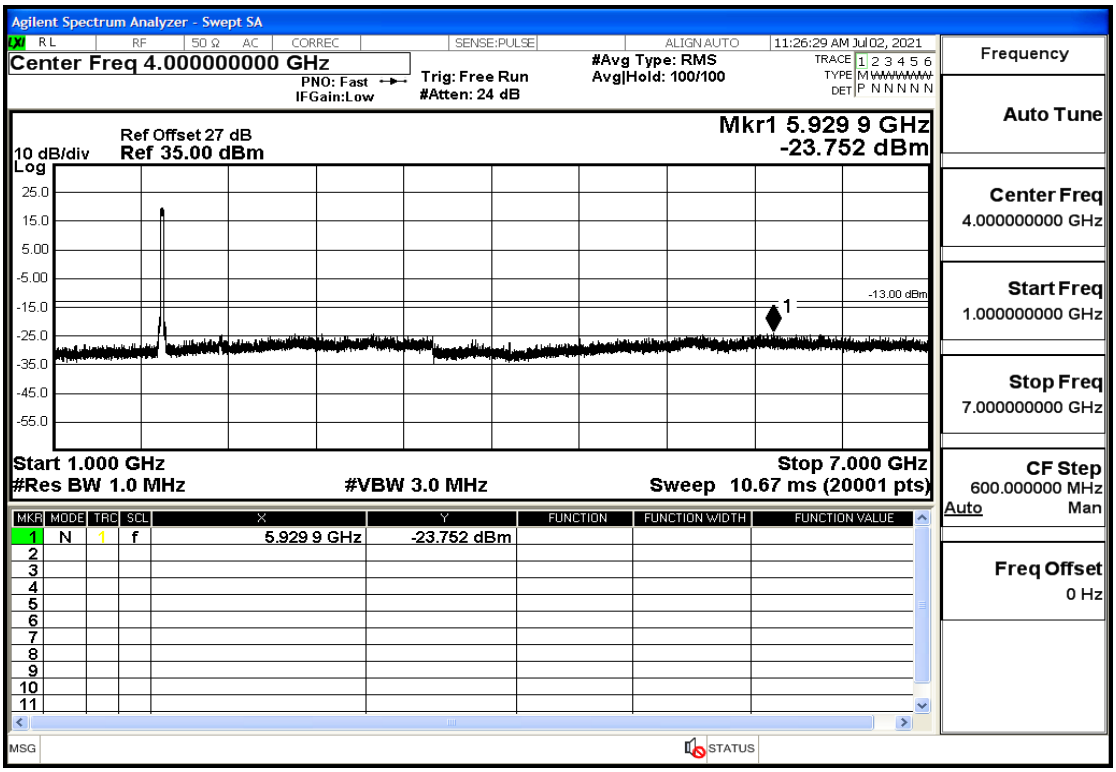
OB66-20-1720-QPSK-1#HIGH@13.6GHz-20GHz@Pass



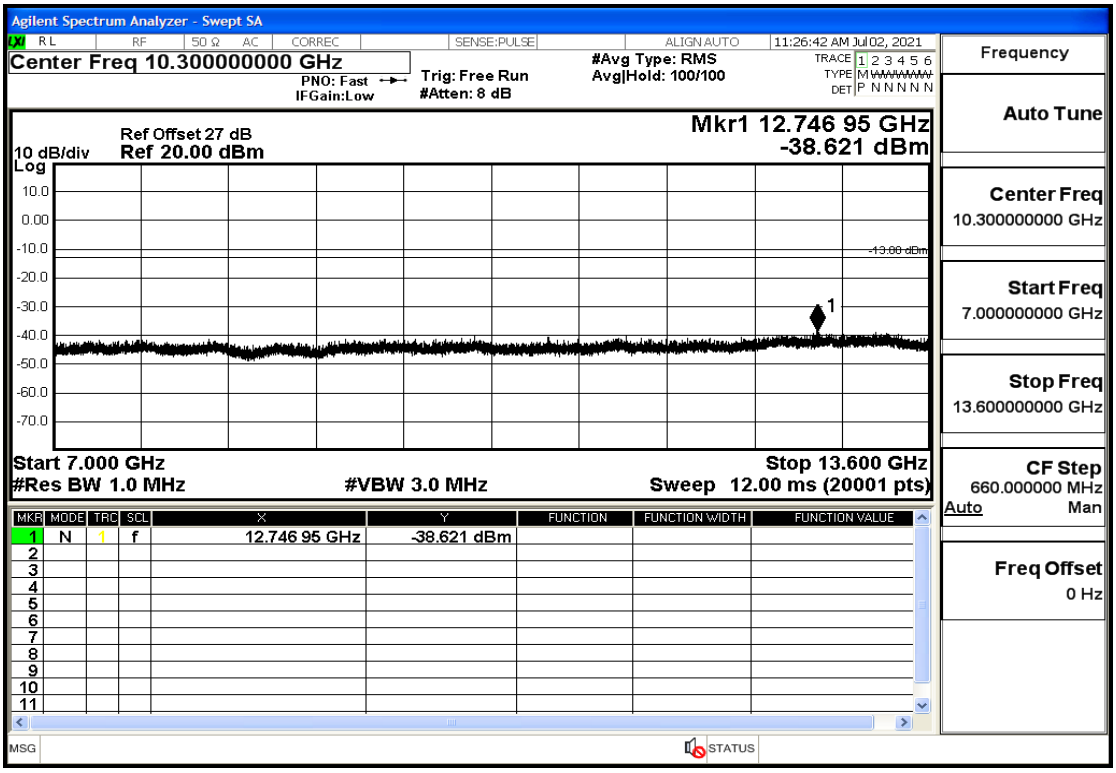
OB66-20-1745-QPSK-100#LOW@30mHz-1GHz@Pass



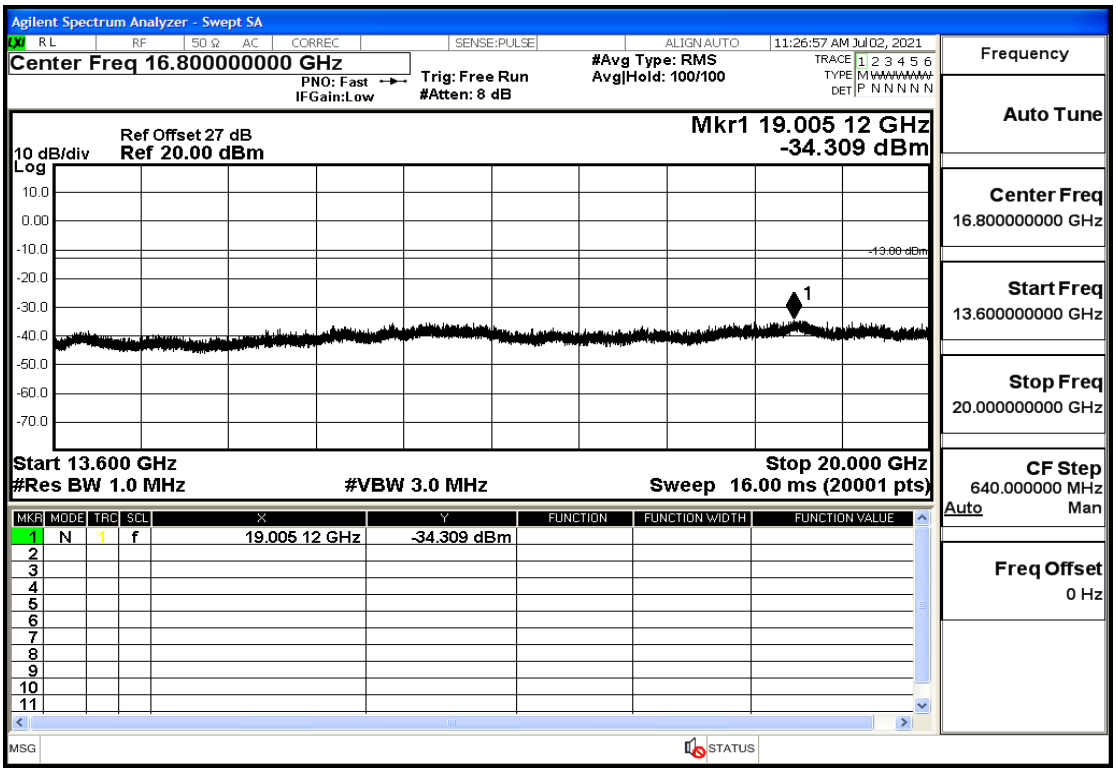
OB66-20-1745-QPSK-100#LOW@1GHz-7GHz@Pass



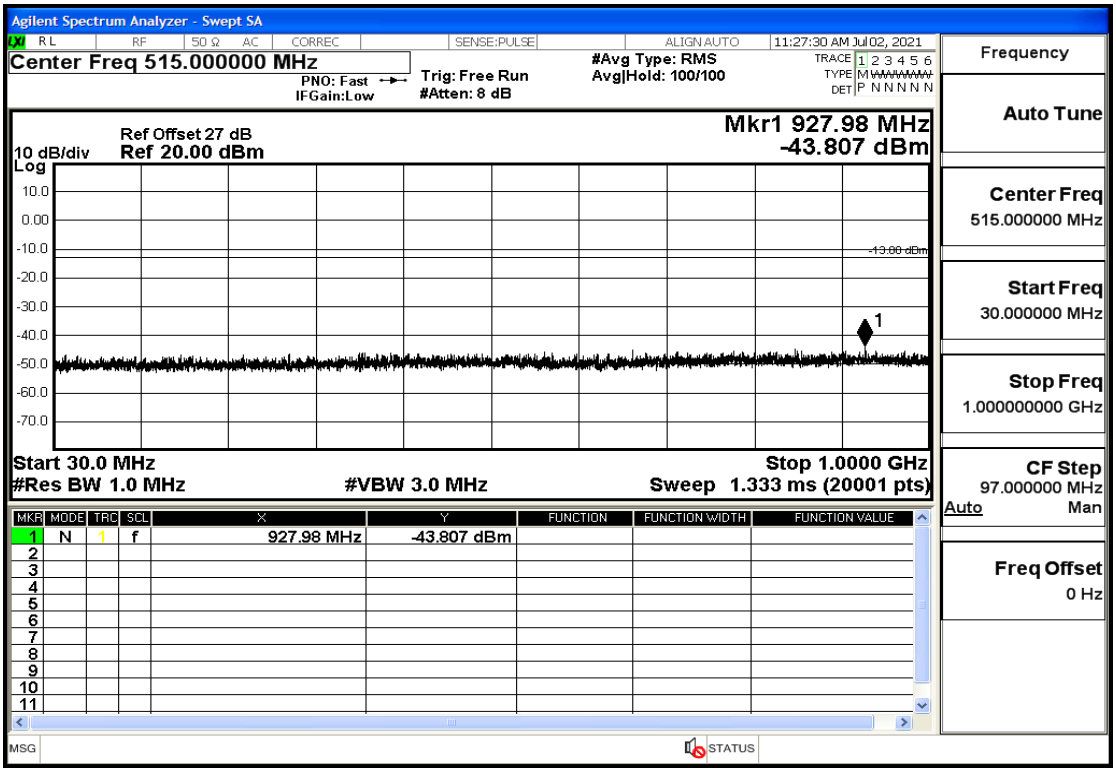
OB66-20-1745-QPSK-100#LOW@7GHz-13.6GHz@Pass



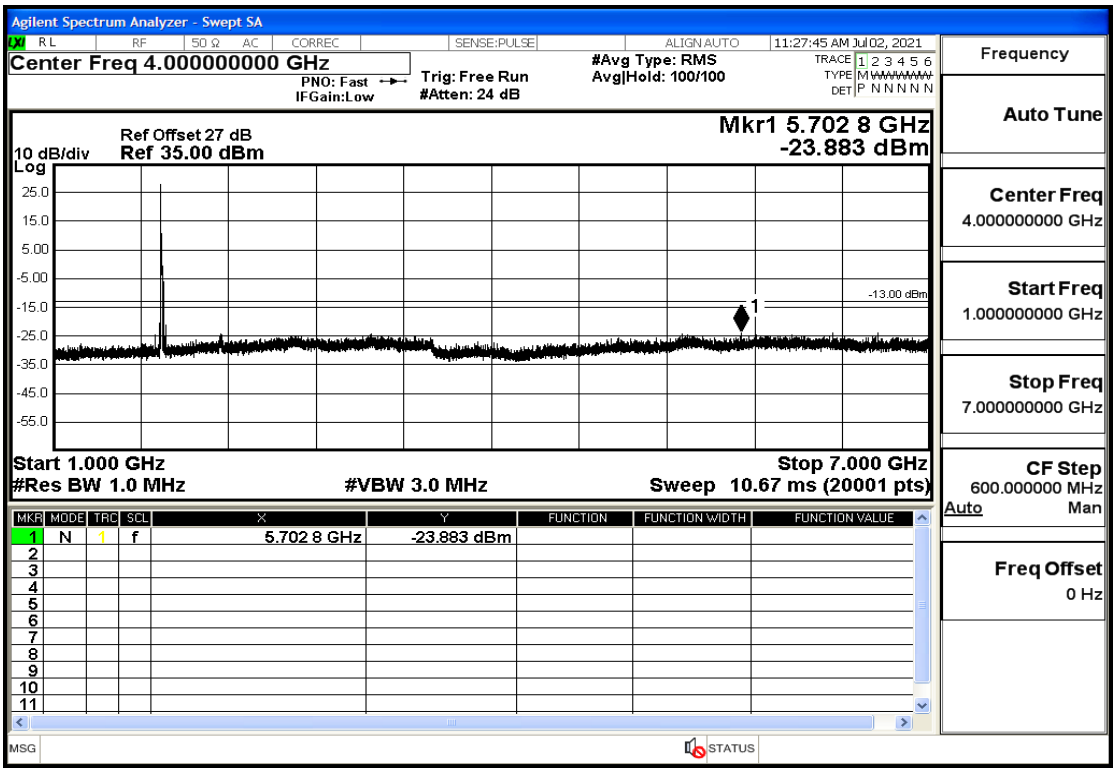
OB66-20-1745-QPSK-100#LOW@13.6GHz-20GHz@Pass



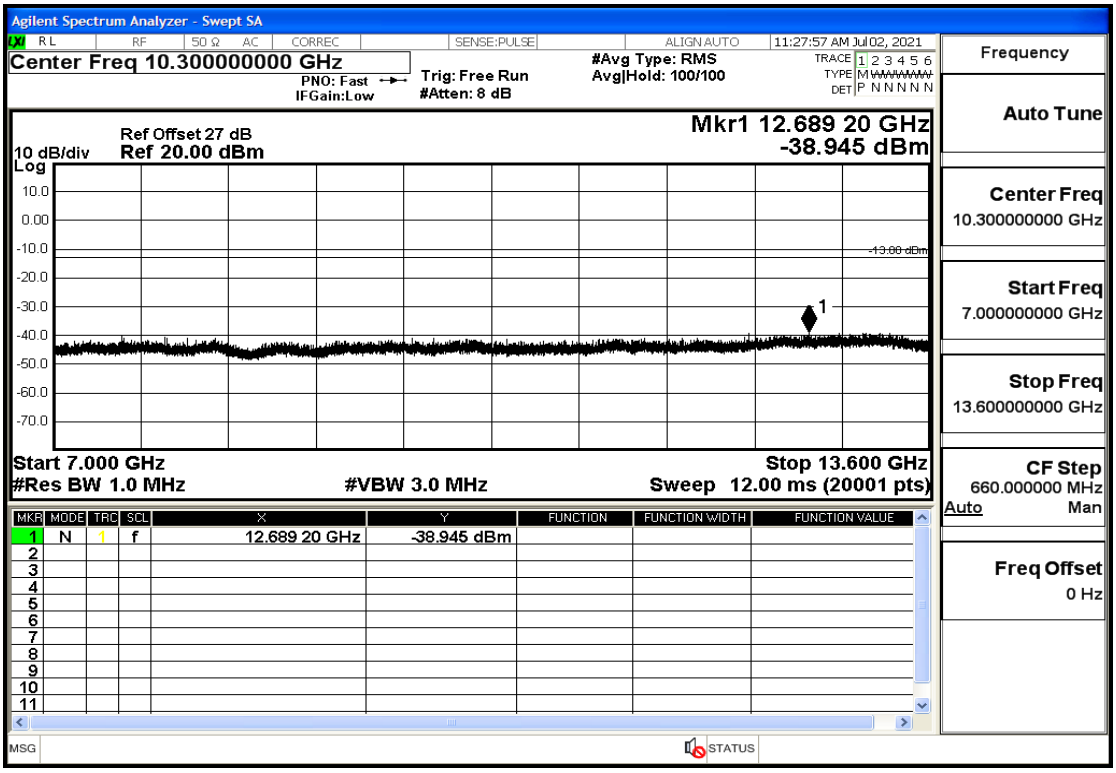
OB66-20-1745-QPSK-1#LOW@30mHz-1GHz@Pass



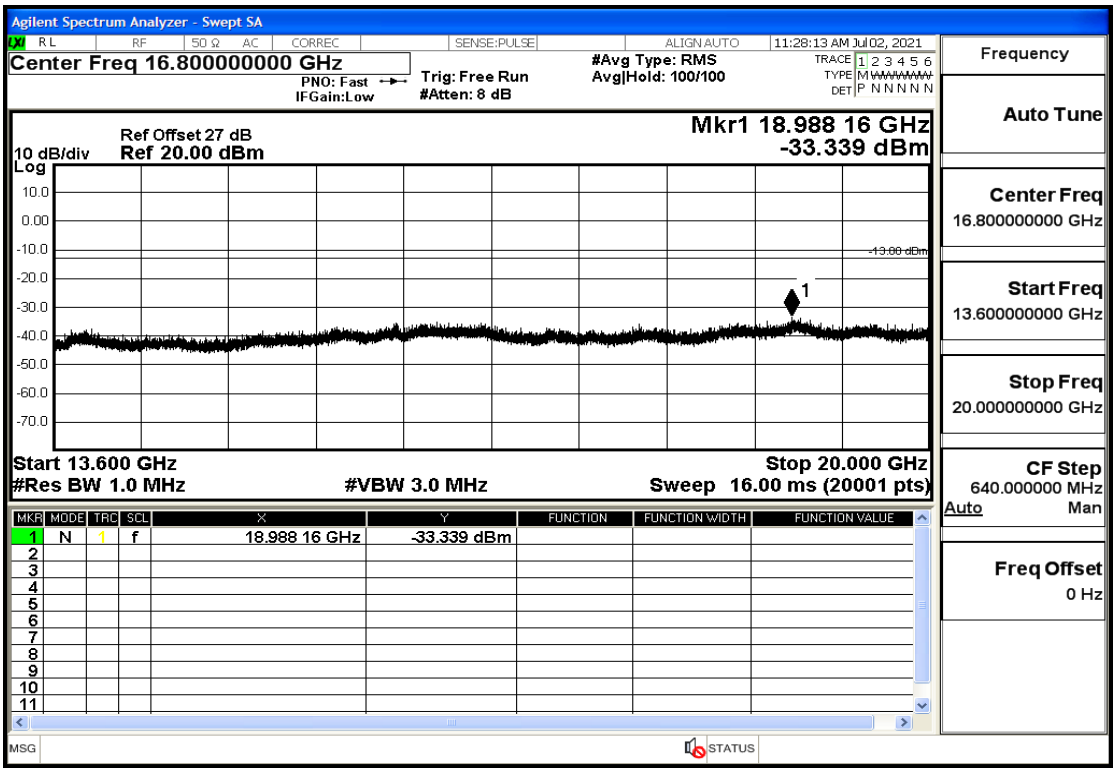
OB66-20-1745-QPSK-1#LOW@1GHz-7GHz@Pass



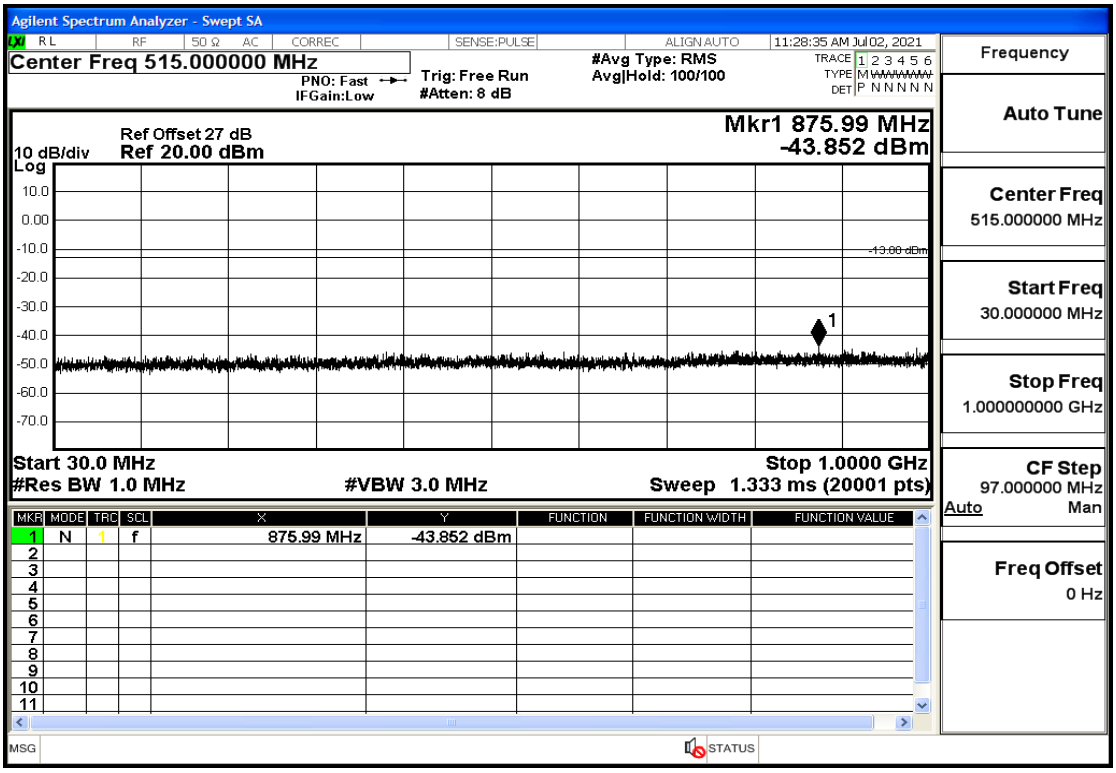
OB66-20-1745-QPSK-1#LOW@7GHz-13.6GHz@Pass



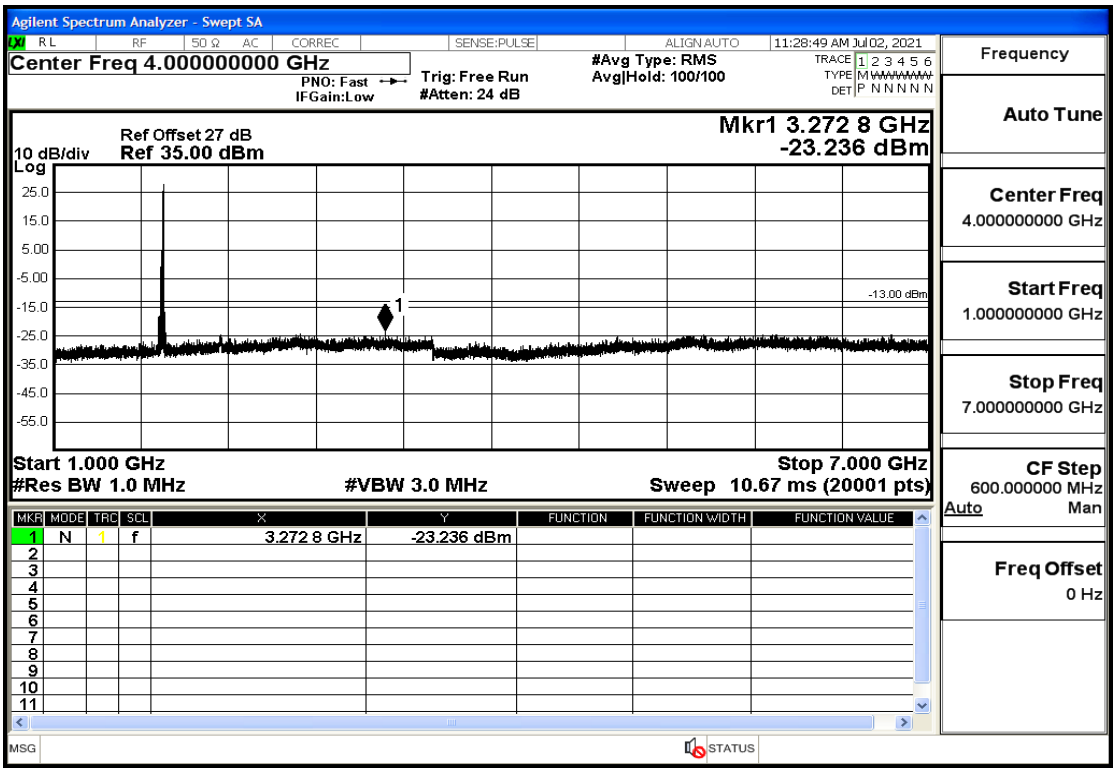
OB66-20-1745-QPSK-1#LOW@13.6GHz-20GHz@Pass



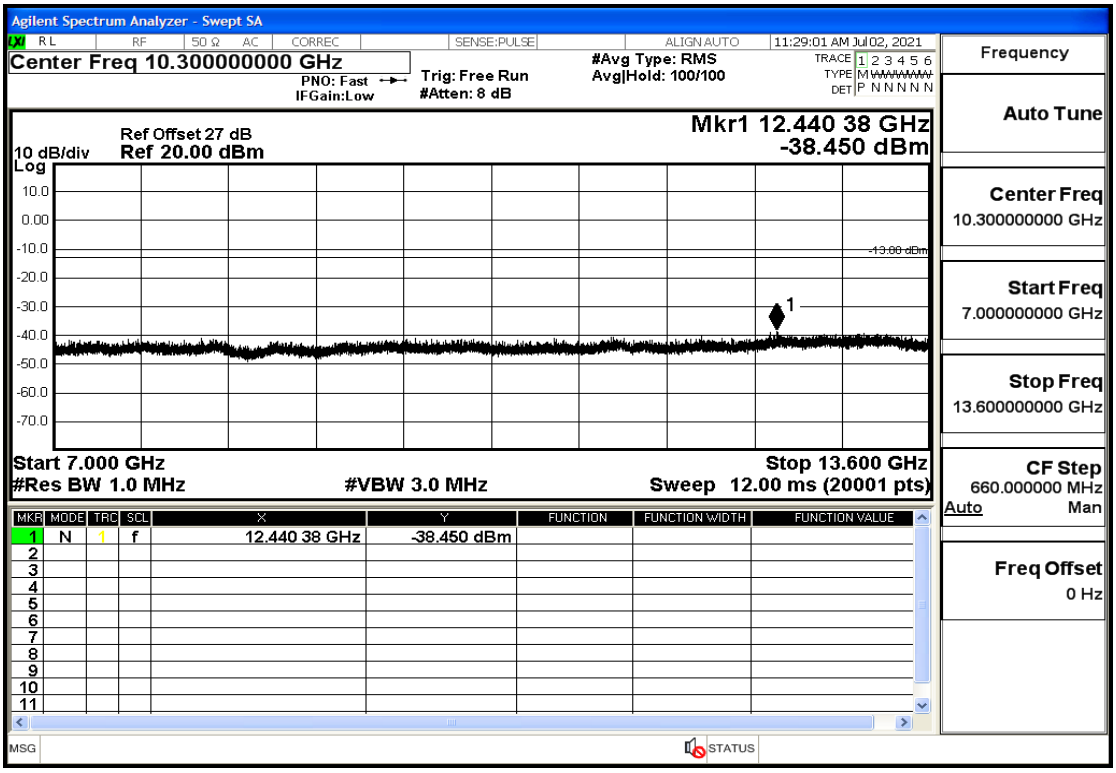
OB66-20-1745-QPSK-1#HIGH@30mHz-1GHz@Pass



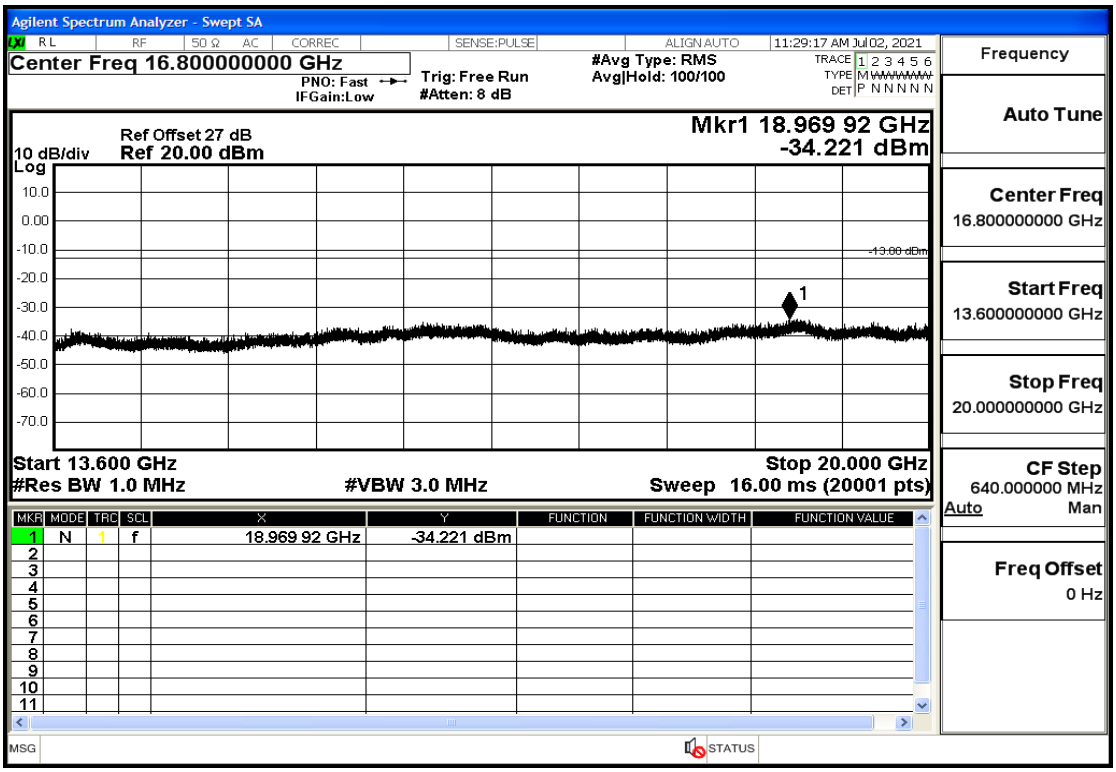
OB66-20-1745-QPSK-1#HIGH@1GHz-7GHz@Pass



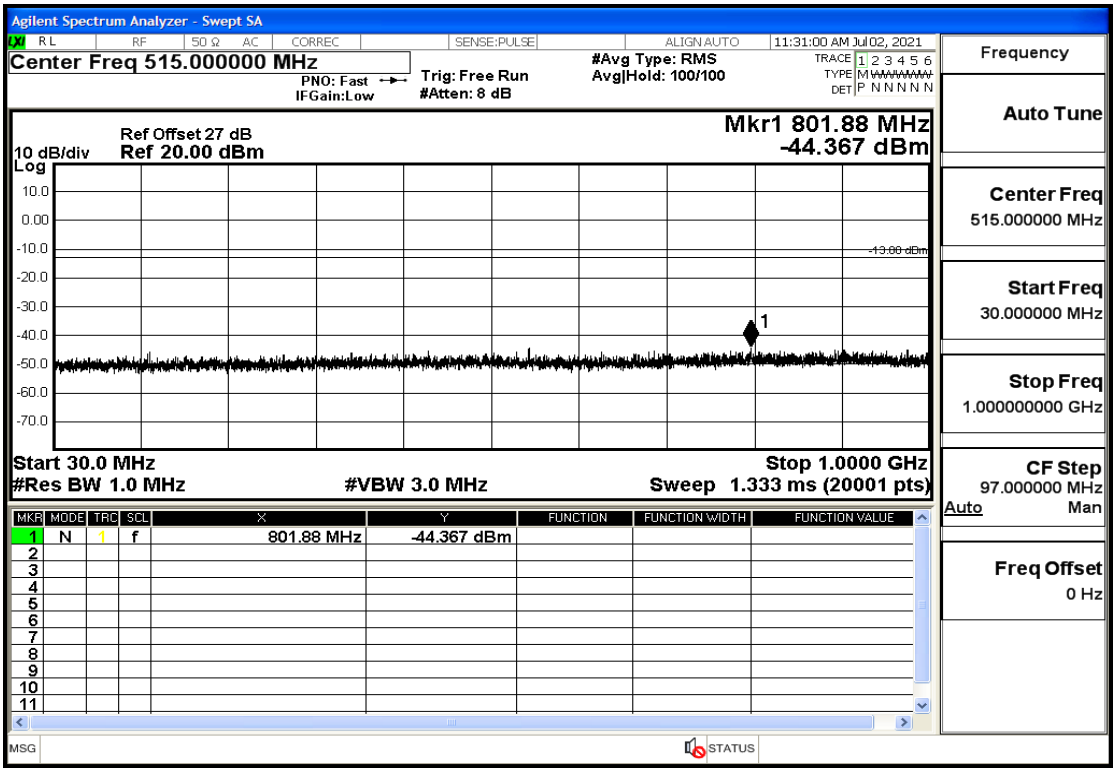
OB66-20-1745-QPSK-1#HIGH@7GHz-13.6GHz@Pass



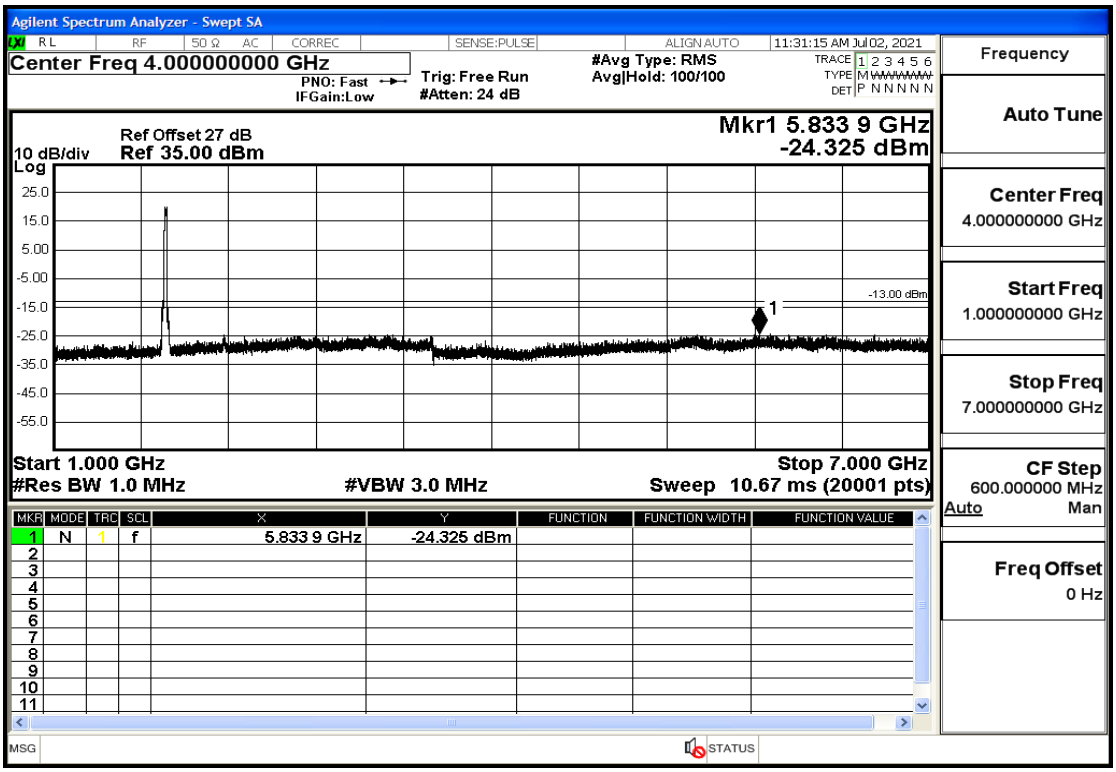
OB66-20-1745-QPSK-1#HIGH@13.6GHz-20GHz@Pass



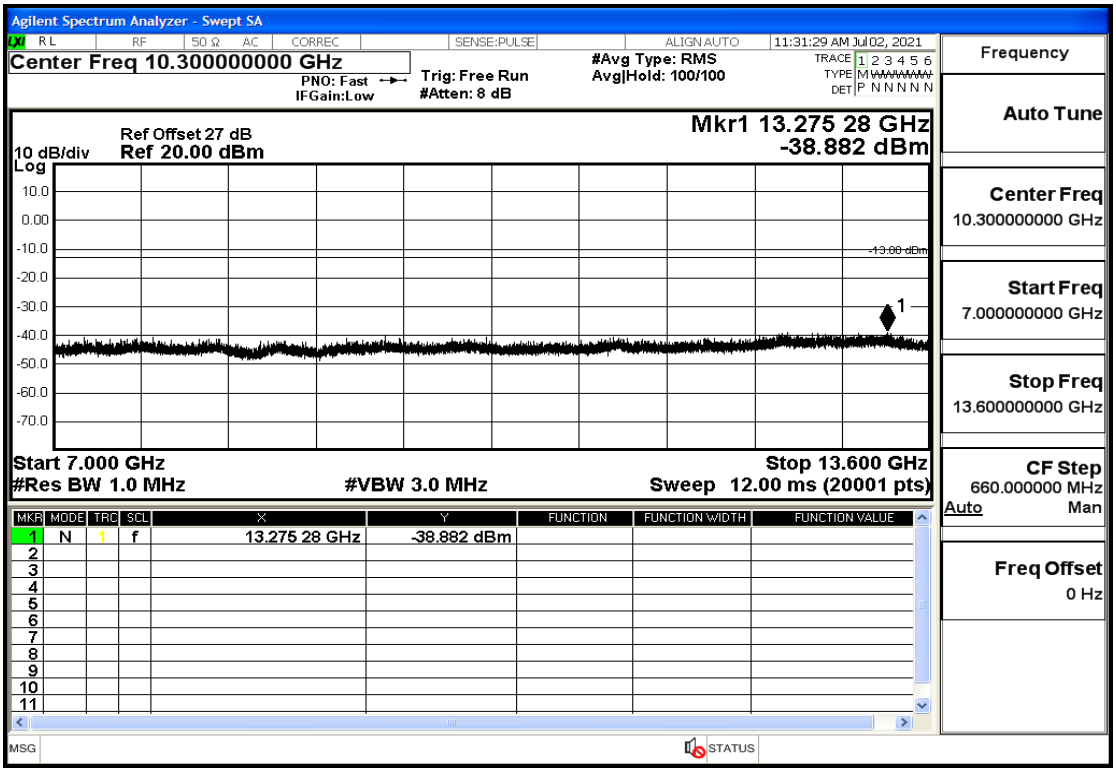
OB66-20-1770-QPSK-100#LOW@30mHz-1GHz@Pass



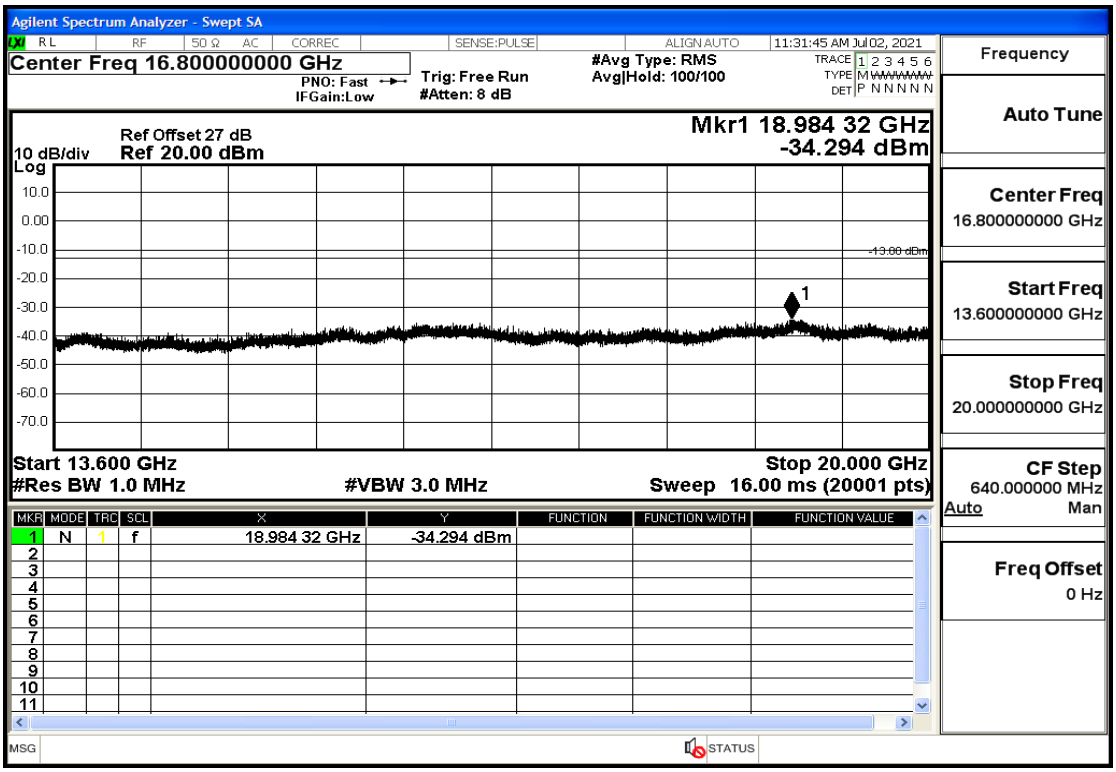
OB66-20-1770-QPSK-100#LOW@1GHz-7GHz@Pass



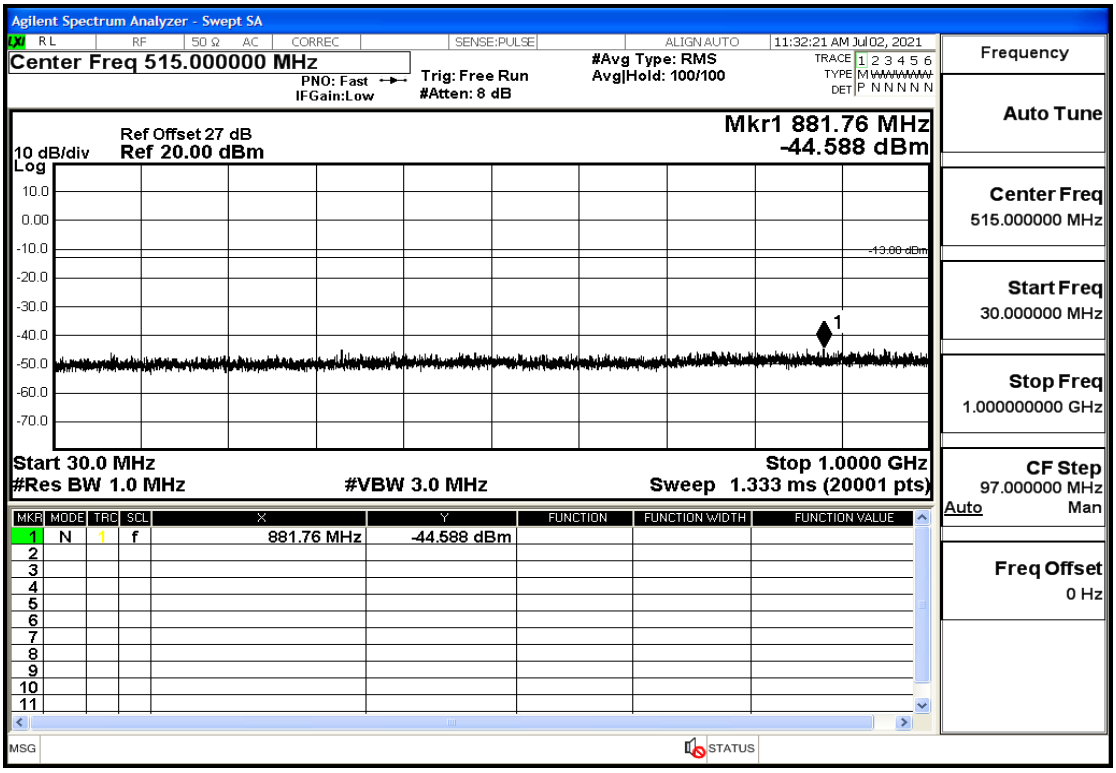
OB66-20-1770-QPSK-100#LOW@7GHz-13.6GHz@Pass



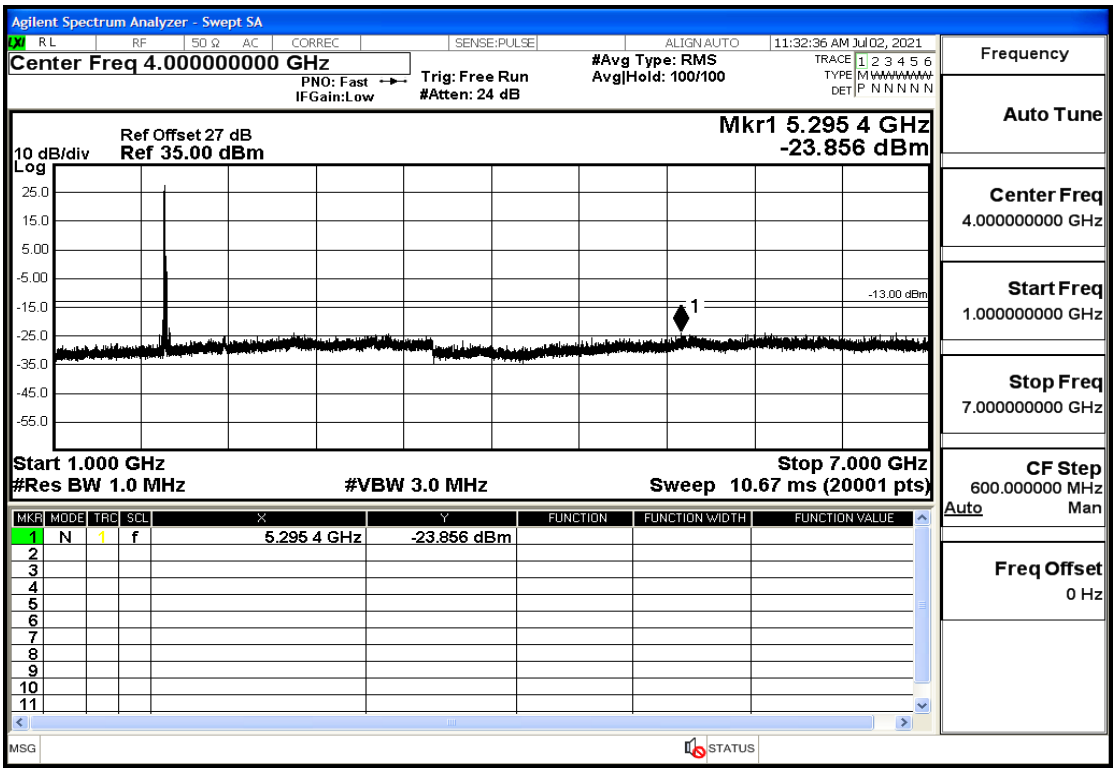
OB66-20-1770-QPSK-100#LOW@13.6GHz-20GHz@Pass



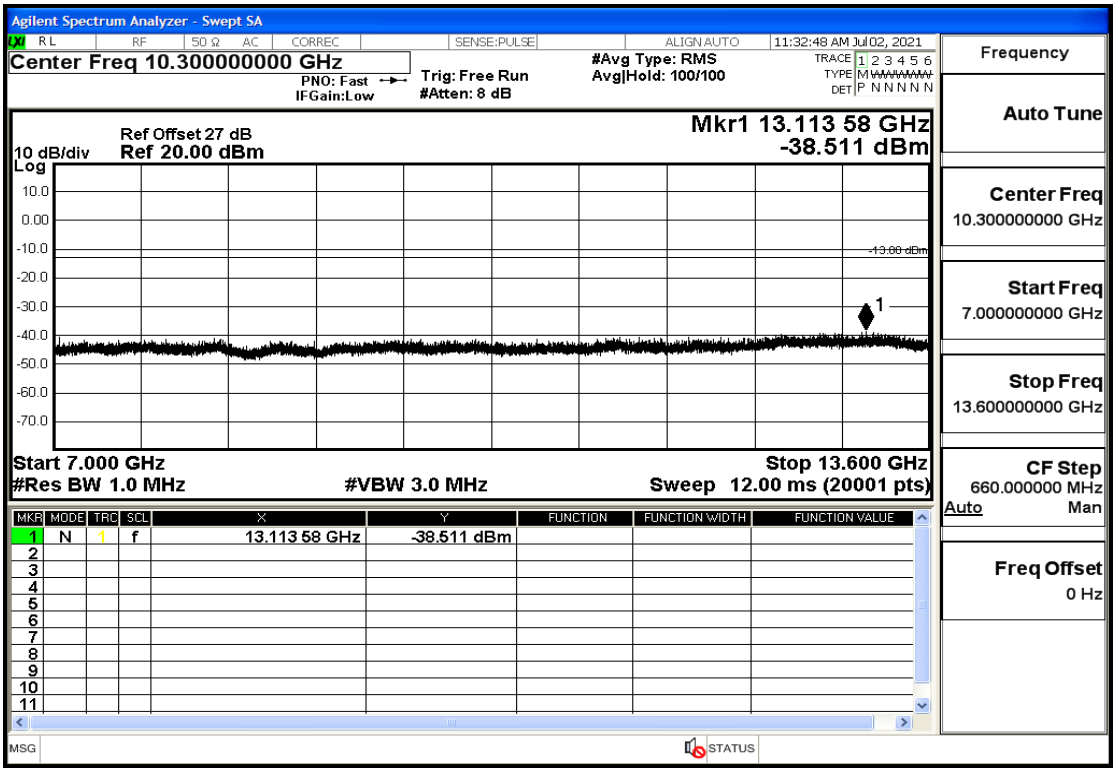
OB66-20-1770-QPSK-1#LOW@30mHz-1GHz@Pass



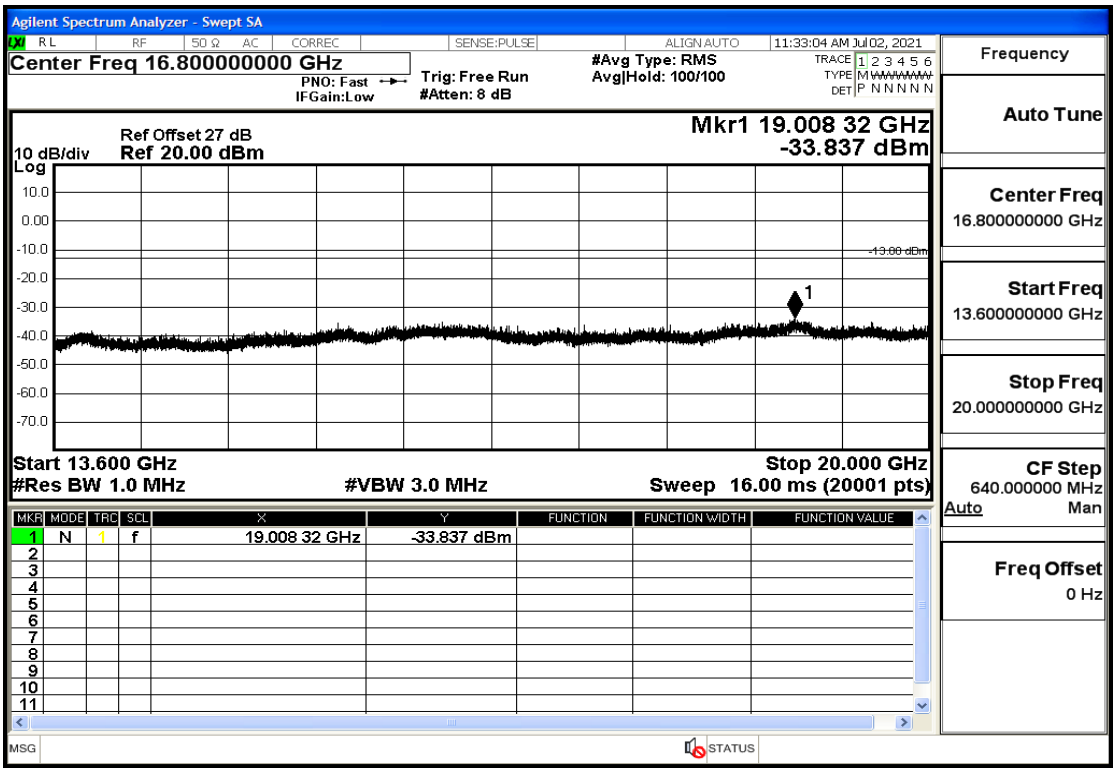
OB66-20-1770-QPSK-1#LOW@1GHz-7GHz@Pass



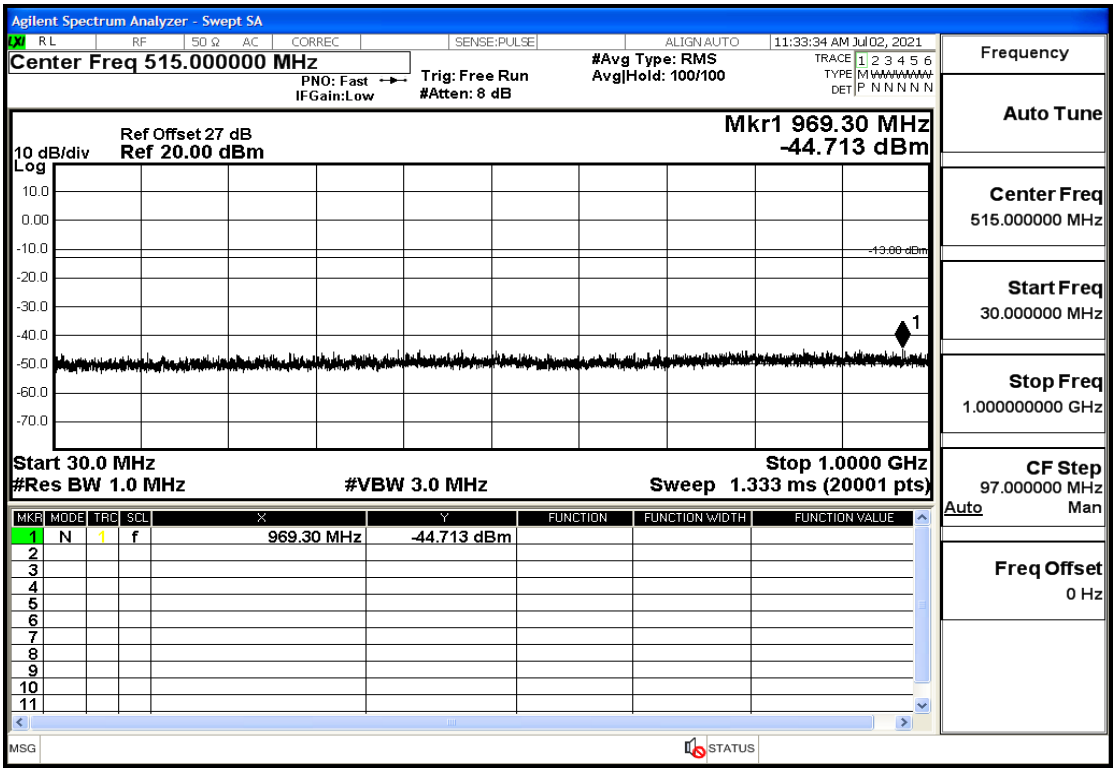
OB66-20-1770-QPSK-1#LOW@7GHz-13.6GHz@Pass



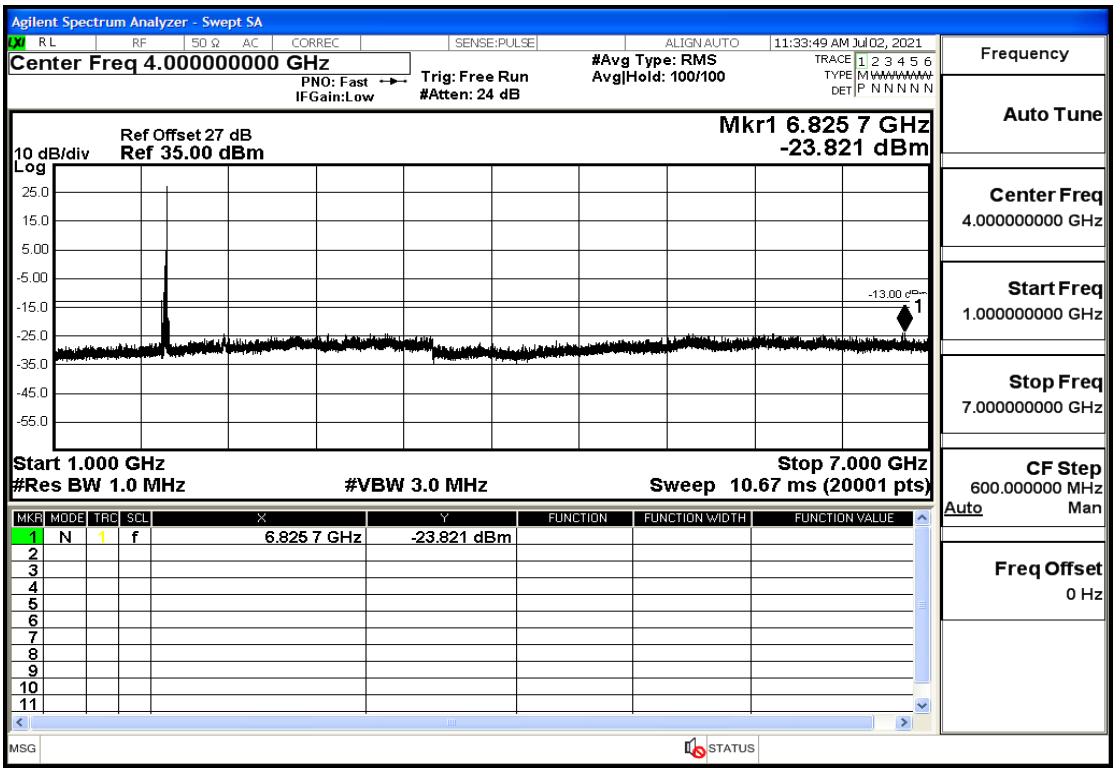
OB66-20-1770-QPSK-1#LOW@13.6GHz-20GHz@Pass



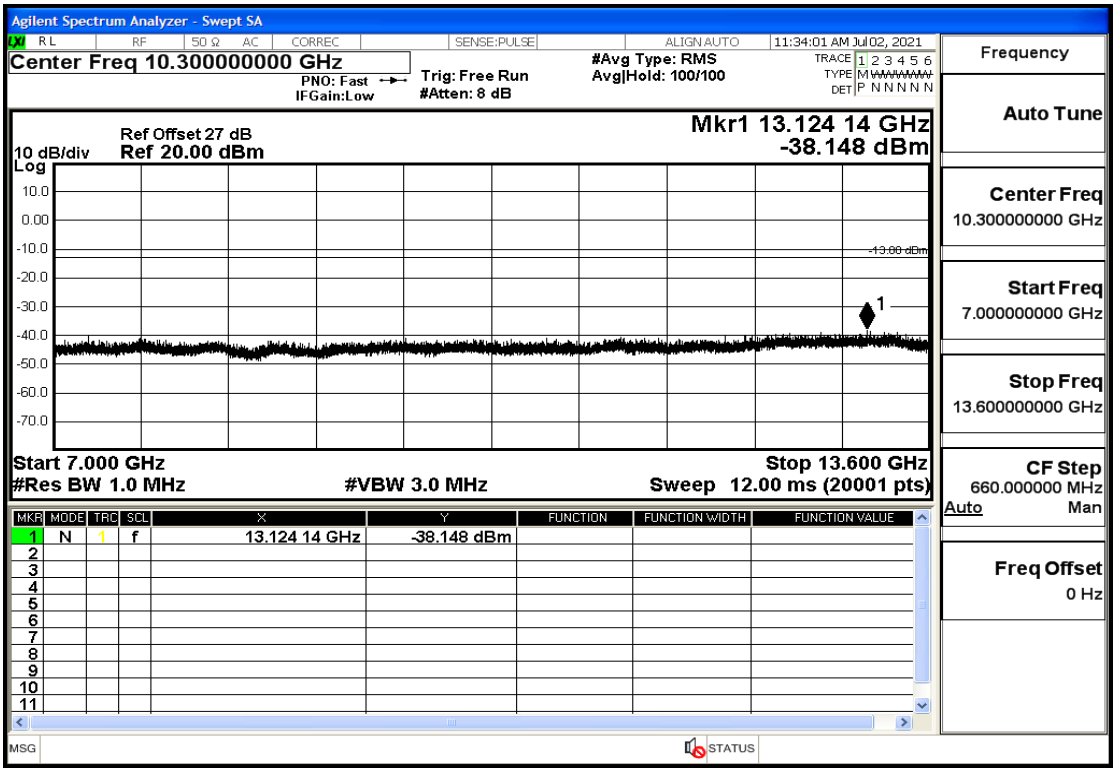
OB66-20-1770-QPSK-1#HIGH@30mHz-1GHz@Pass



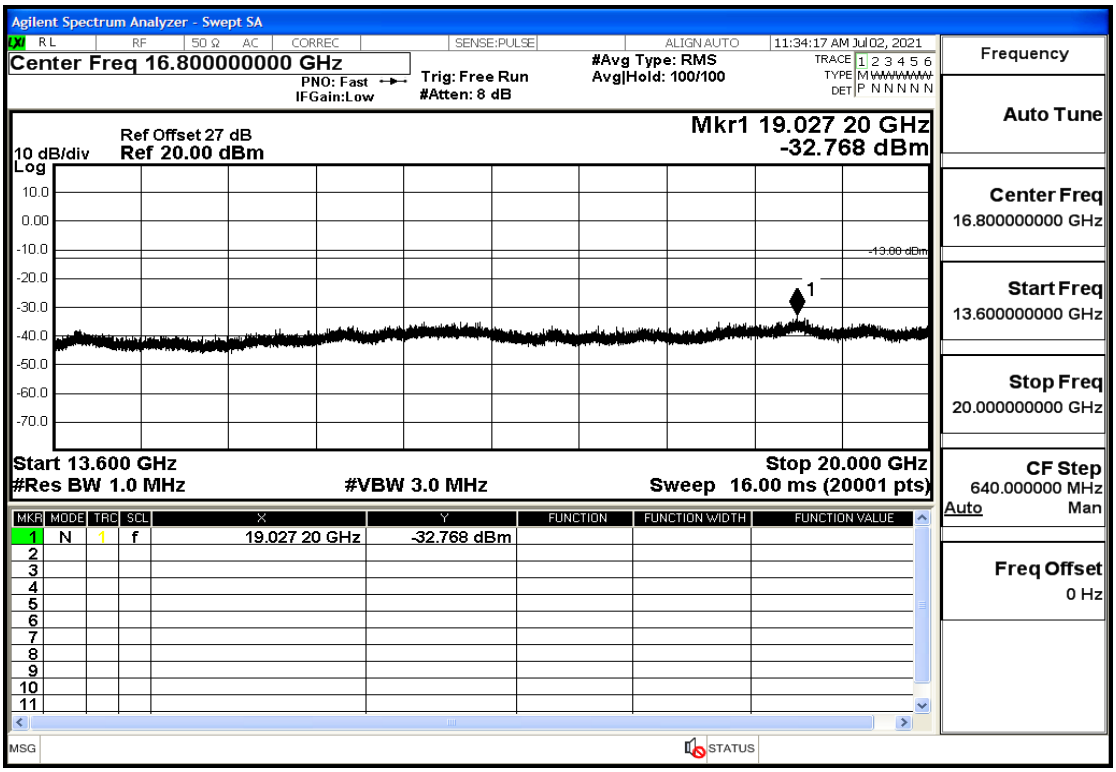
OB66-20-1770-QPSK-1#HIGH@1GHz-7GHz@Pass



OB66-20-1770-QPSK-1#HIGH@7GHz-13.6GHz@Pass



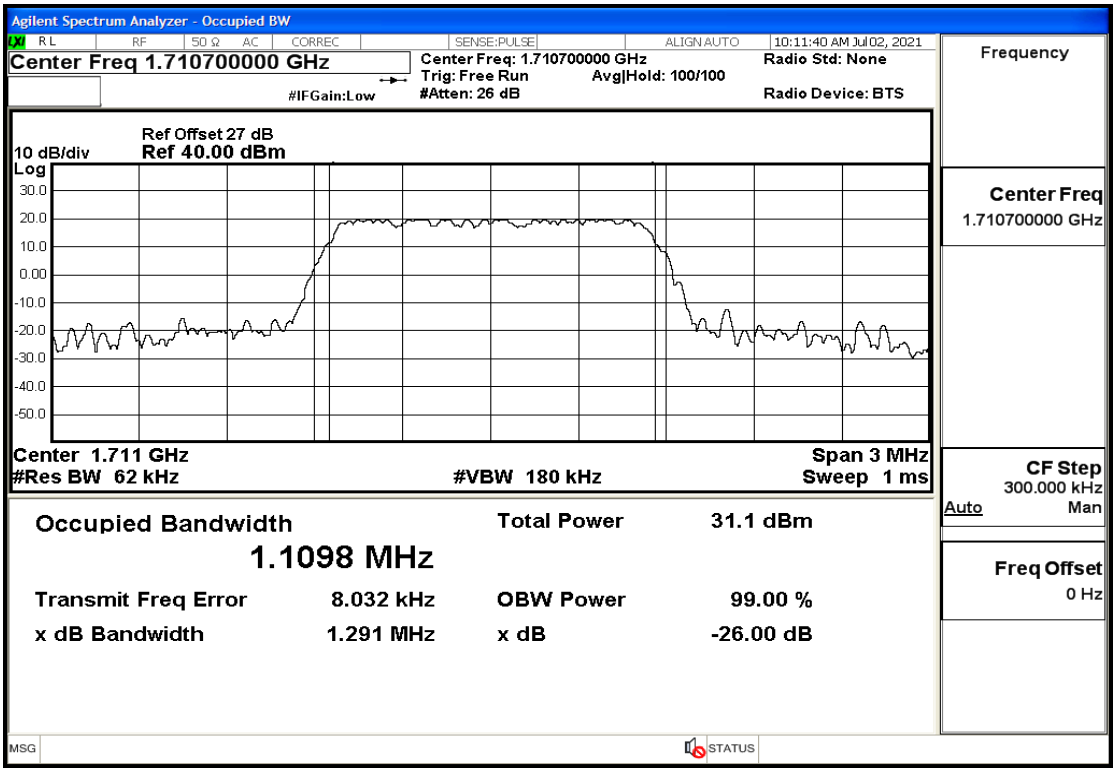
OB66-20-1770-QPSK-1#HIGH@13.6GHz-20GHz@Pass



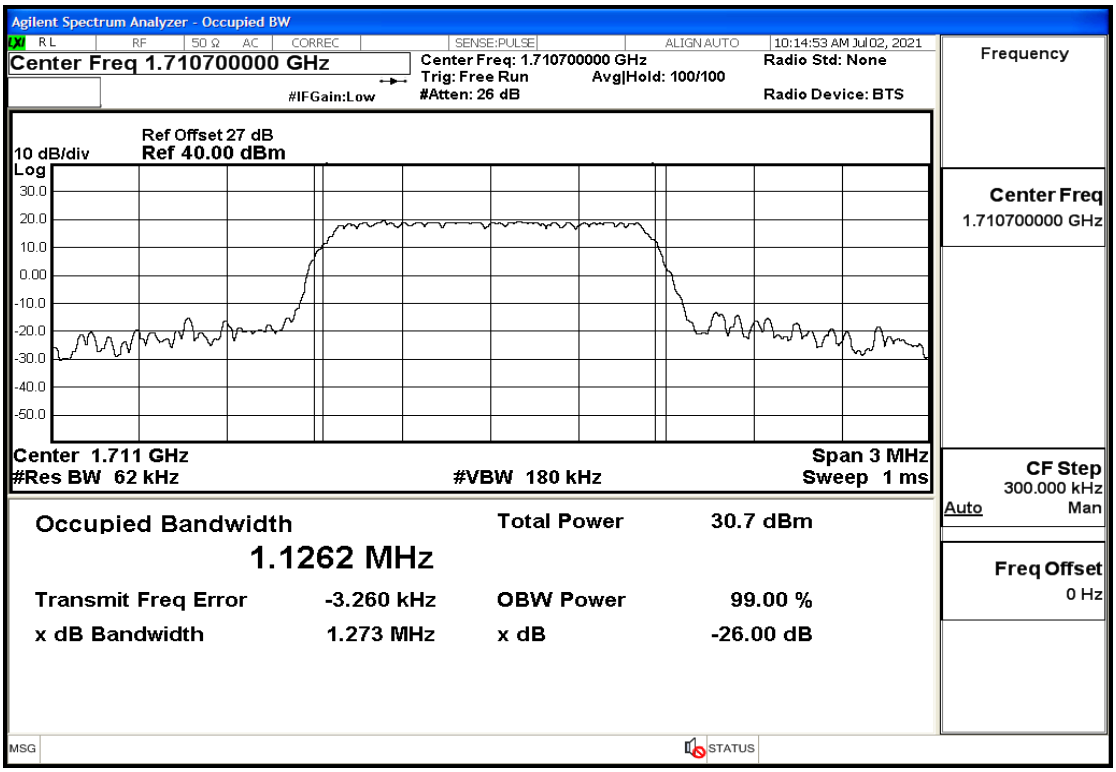
Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band66	1.4	1710.7	QPSK	6	LOW	1109.8	1291	No limit
Band66	1.4	1710.7	16QAM	6	LOW	1126.2	1273	No limit
Band66	1.4	1745	QPSK	6	LOW	1124.6	1301	No limit
Band66	1.4	1745	16QAM	6	LOW	1110.9	1271	No limit
Band66	1.4	1779.3	QPSK	6	LOW	1128.1	1297	No limit
Band66	1.4	1779.3	16QAM	6	LOW	1125.8	1274	No limit
Band66	3	1711.5	QPSK	15	LOW	2772.2	3124	No limit
Band66	3	1711.5	16QAM	15	LOW	2758.4	3092	No limit
Band66	3	1745	QPSK	15	LOW	2768.5	3125	No limit
Band66	3	1745	16QAM	15	LOW	2754.8	3089	No limit
Band66	3	1778.5	QPSK	15	LOW	2769.8	3102	No limit
Band66	3	1778.5	16QAM	15	LOW	2754.2	3090	No limit
Band66	5	1712.5	QPSK	25	LOW	4574.2	5039	No limit
Band66	5	1712.5	16QAM	25	LOW	4562.6	5085	No limit
Band66	5	1745	QPSK	25	LOW	4588.3	5051	No limit
Band66	5	1745	16QAM	25	LOW	4576.5	5124	No limit
Band66	5	1777.5	QPSK	25	LOW	4581.6	5082	No limit
Band66	5	1777.5	16QAM	25	LOW	4577.7	5044	No limit
Band66	10	1715	QPSK	50	LOW	9101.5	10180	No limit
Band66	10	1715	16QAM	50	LOW	9063.6	9989	No limit
Band66	10	1745	QPSK	50	LOW	9093.8	10050	No limit
Band66	10	1745	16QAM	50	LOW	9095.4	10110	No limit
Band66	10	1775	QPSK	50	LOW	9088.9	10110	No limit
Band66	10	1775	16QAM	50	LOW	9107.1	10120	No limit
Band66	15	1717.5	QPSK	75	LOW	13718	15250	No limit
Band66	15	1717.5	16QAM	75	LOW	13687	15180	No limit
Band66	15	1745	QPSK	75	LOW	13645	15020	No limit
Band66	15	1745	16QAM	75	LOW	13709	15290	No limit
Band66	15	1772.5	QPSK	75	LOW	13671	15350	No limit
Band66	15	1772.5	16QAM	75	LOW	13710	15120	No limit
Band66	20	1720	QPSK	100	LOW	18293	20170	No limit
Band66	20	1720	16QAM	100	LOW	18217	20350	No limit
Band66	20	1745	QPSK	100	LOW	18192	20210	No limit
Band66	20	1770	QPSK	100	LOW	18290	20250	No limit
Band66	20	1770	16QAM	100	LOW	18223	20360	No limit

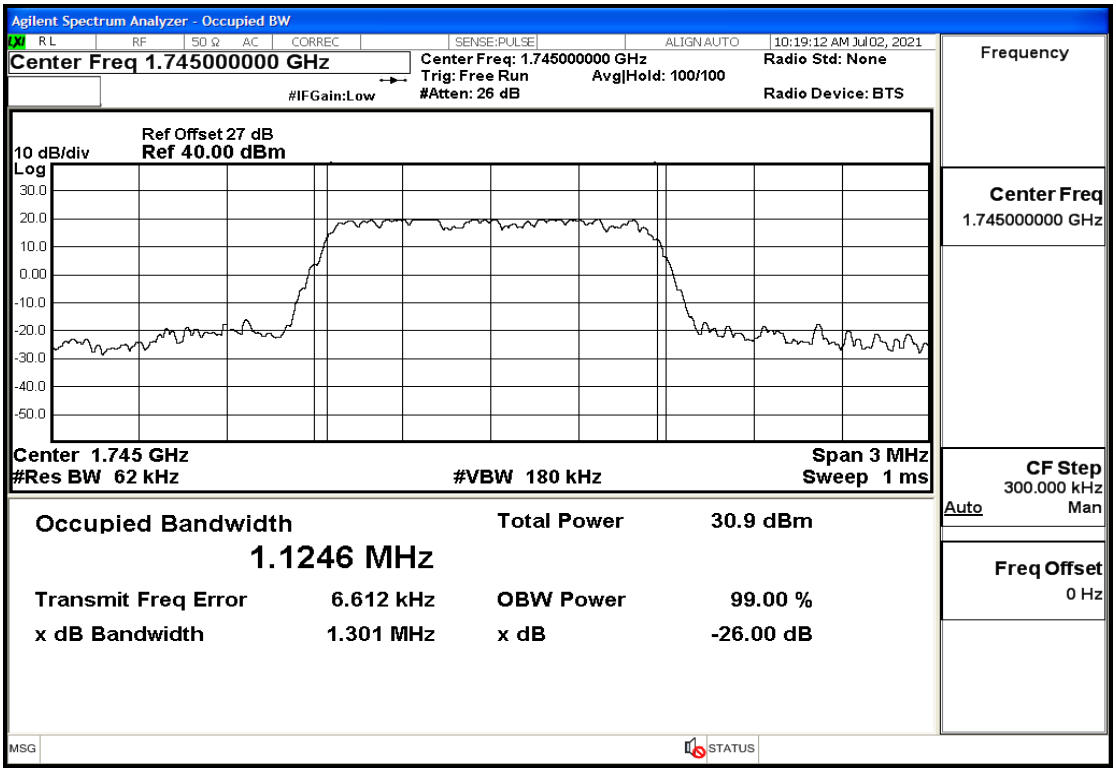
Band66-1.4-1710.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



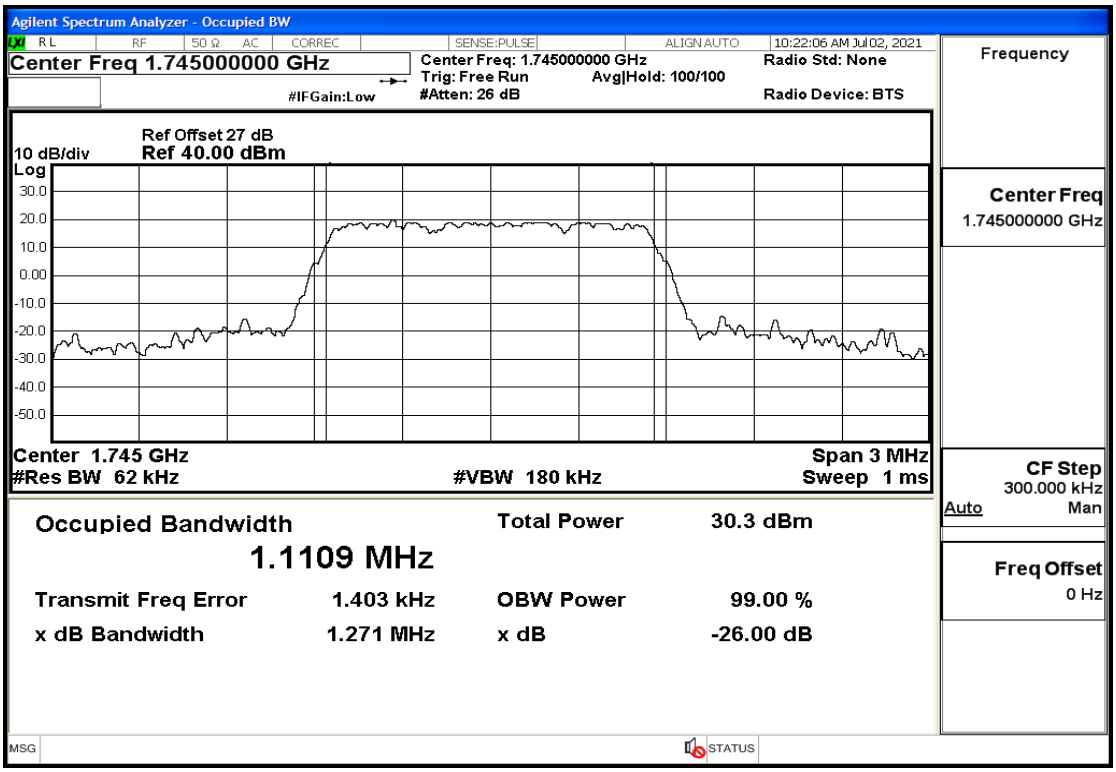
Band66-1.4-1710.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



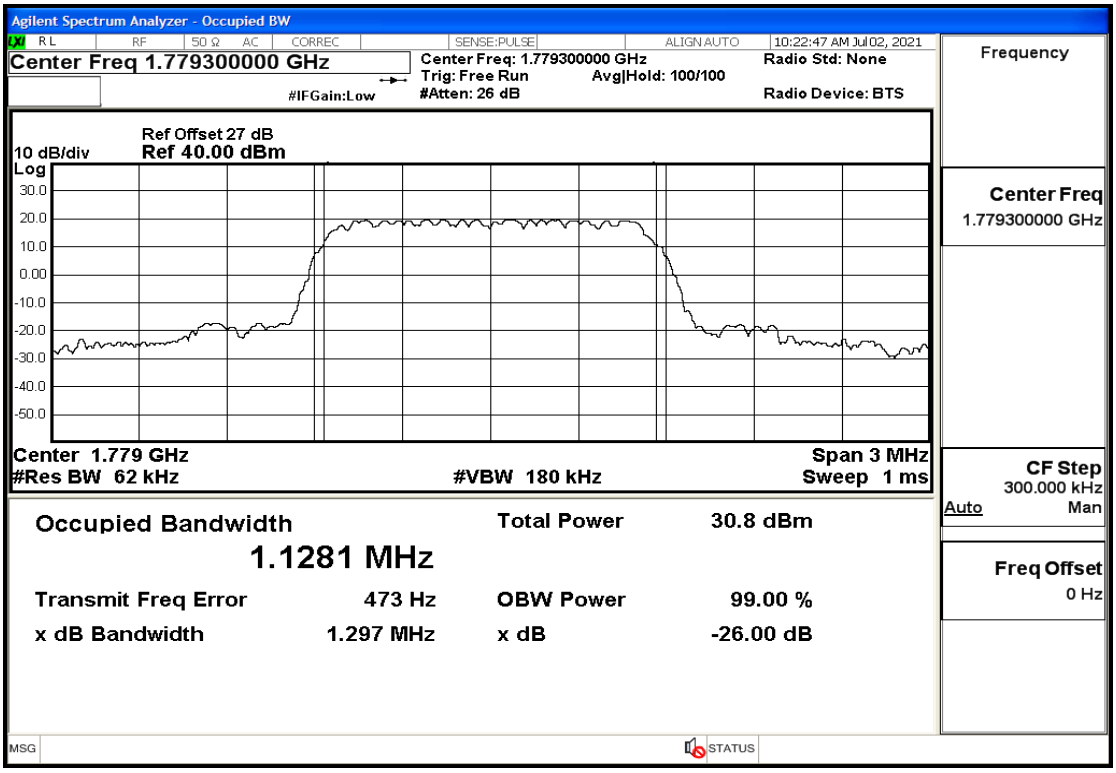
Band66-1.4-1745-QPSK-6#LOW@26dB and 99PCT Bandwidth



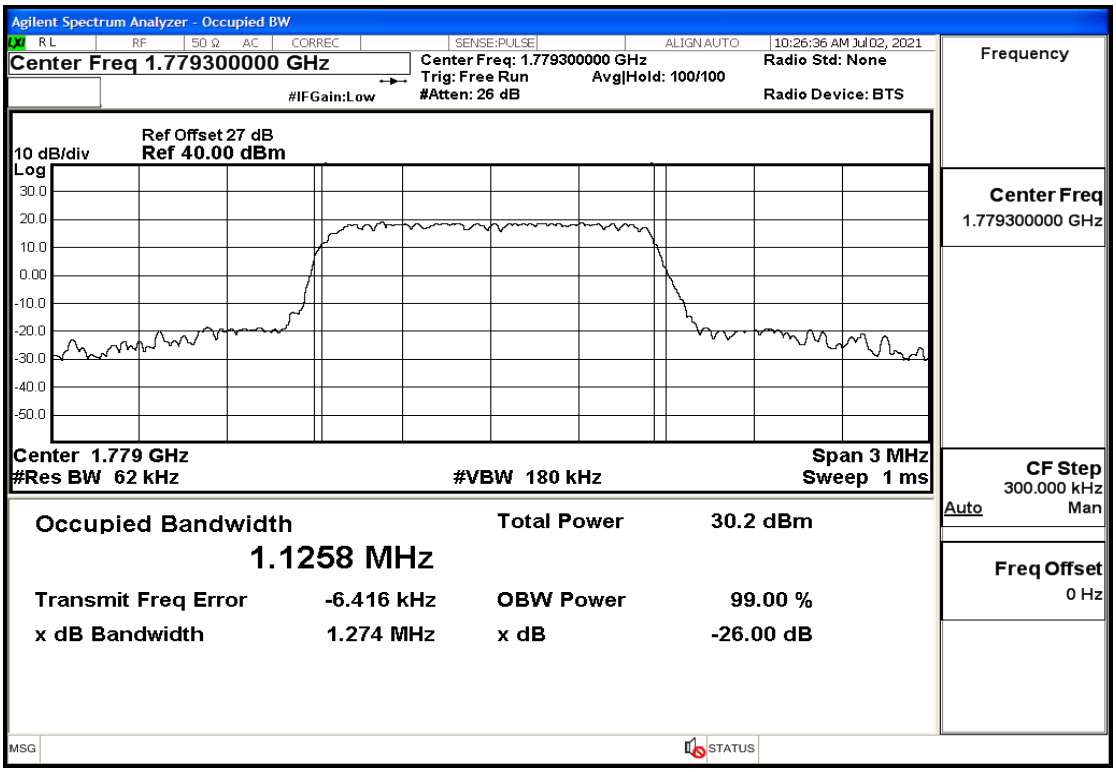
Band66-1.4-1745-16QAM-6#LOW@26dB and 99PCT Bandwidth



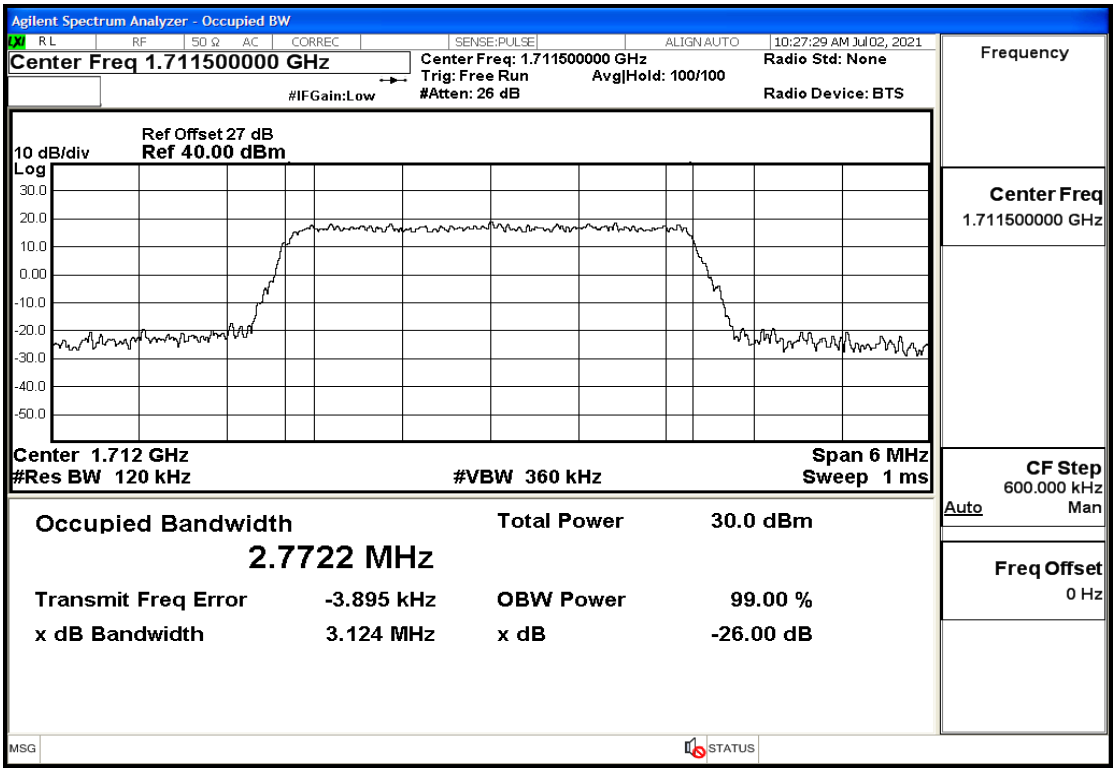
Band66-1.4-1779.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



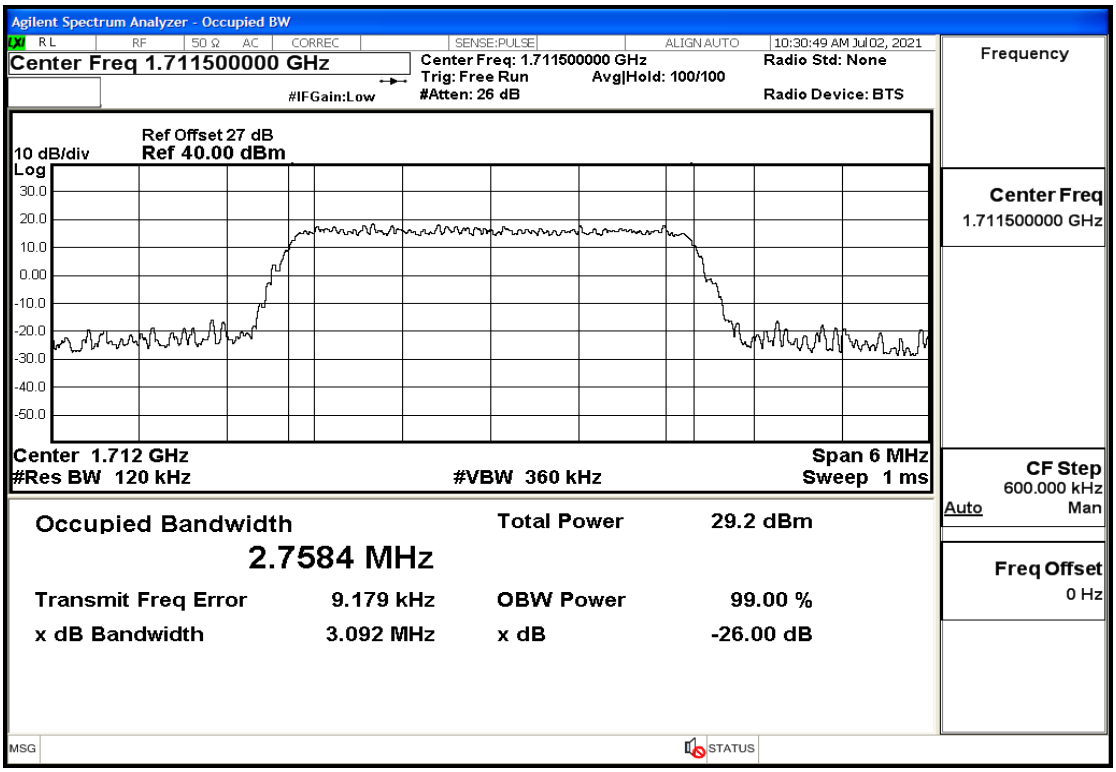
Band66-1.4-1779.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



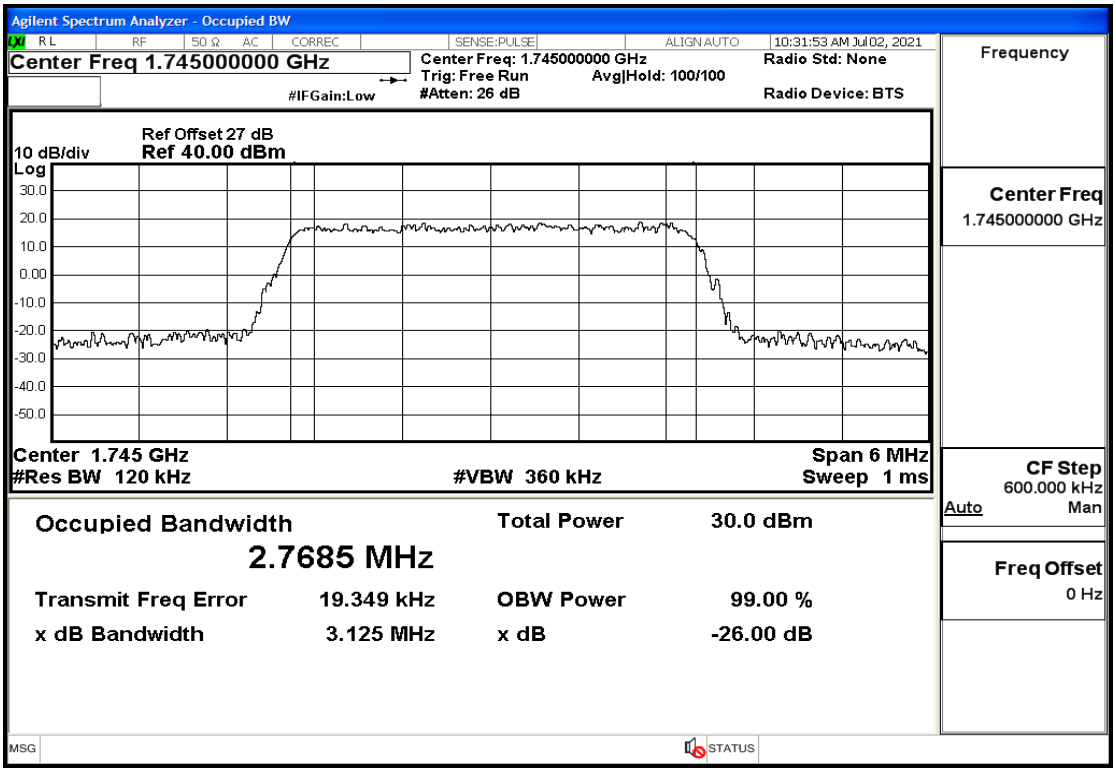
Band66-3-1711.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



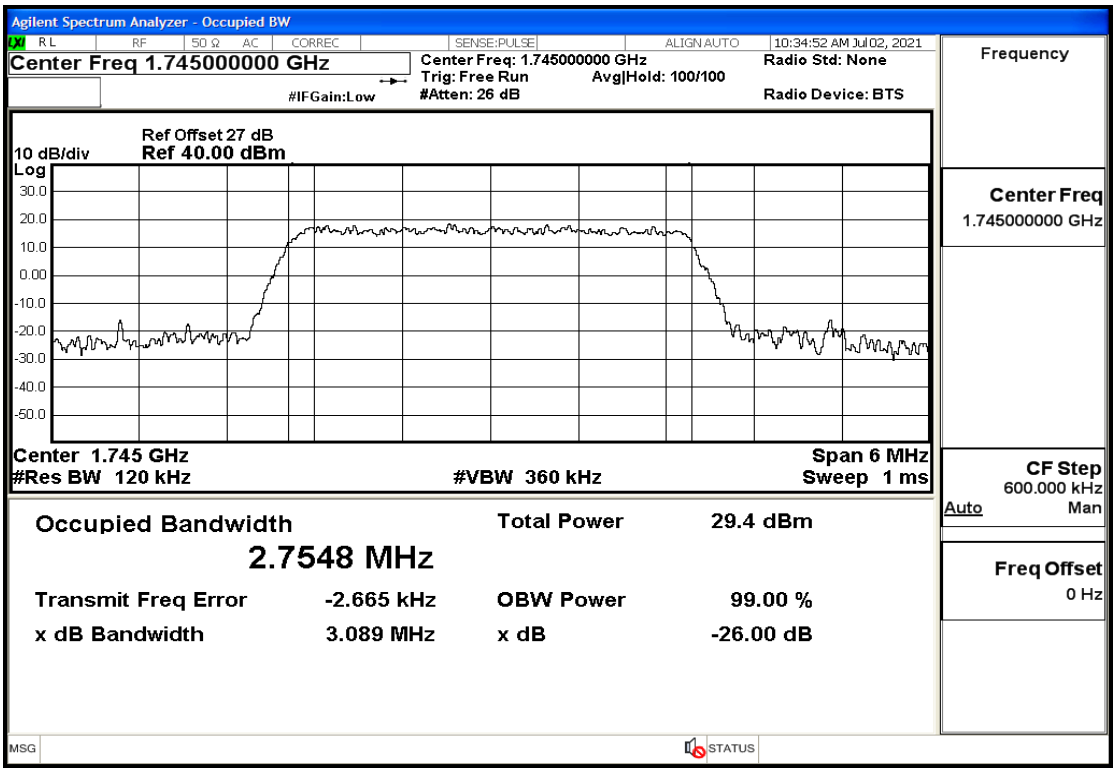
Band66-3-1711.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



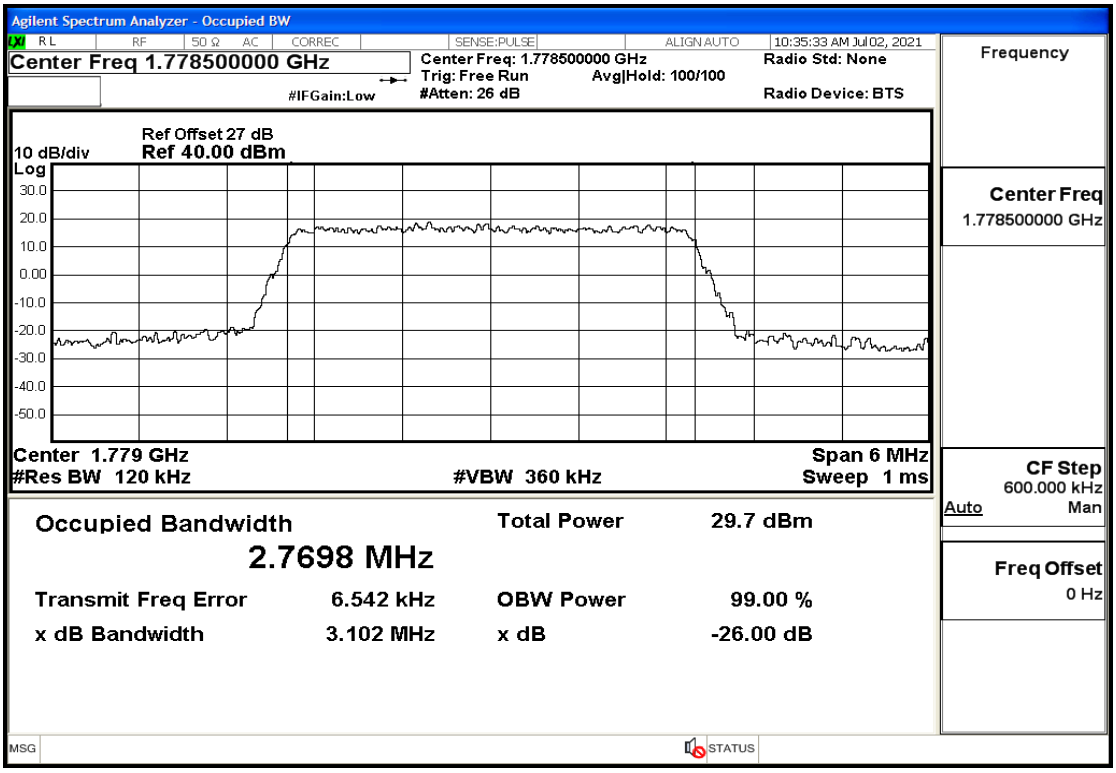
Band66-3-1745-QPSK-15#LOW@26dB and 99PCT Bandwidth



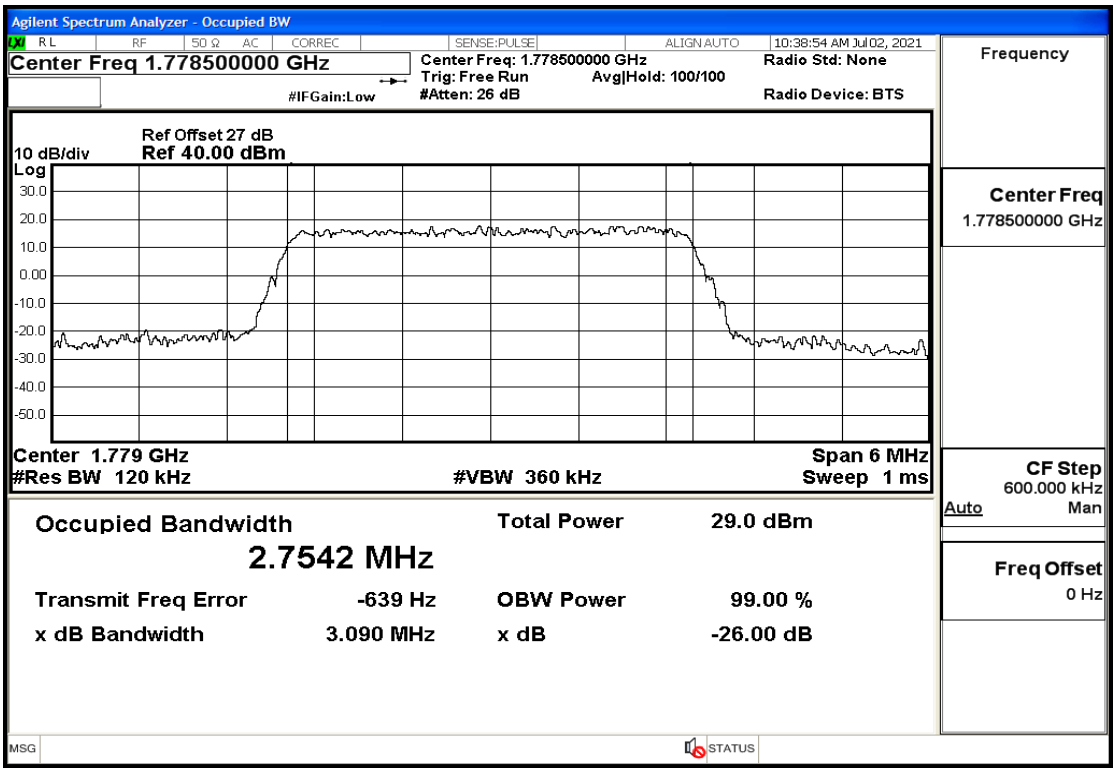
Band66-3-1745-16QAM-15#LOW@26dB and 99PCT Bandwidth



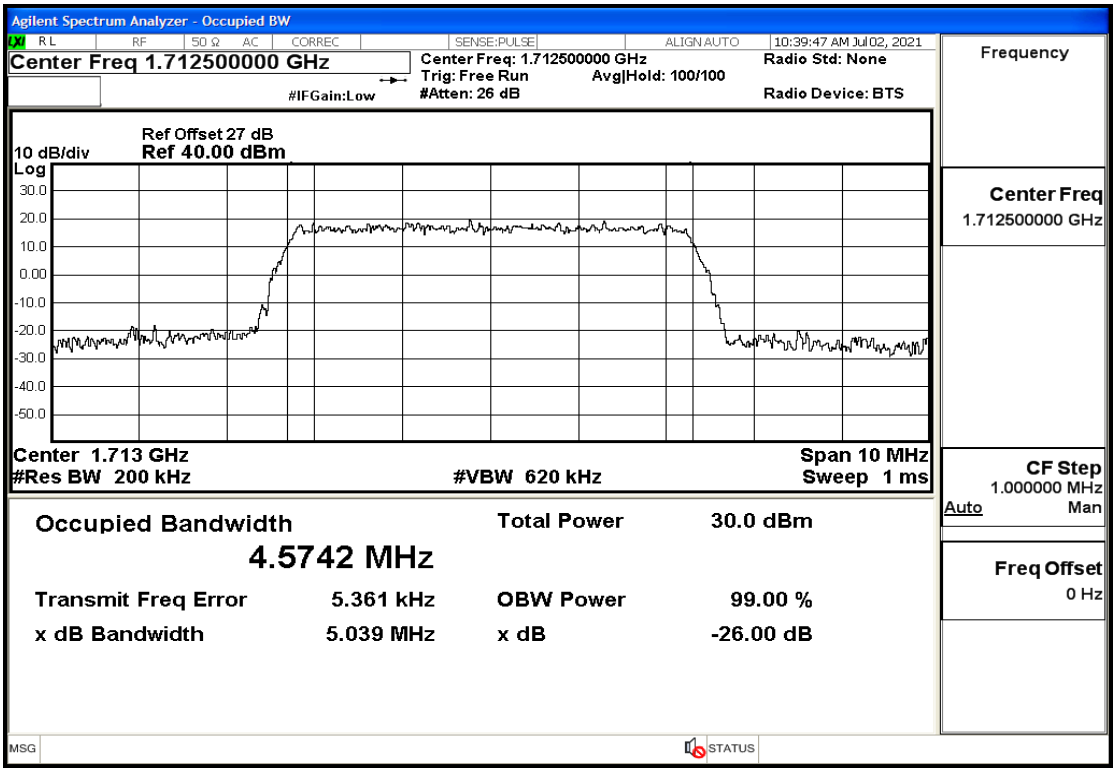
Band66-3-1778.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



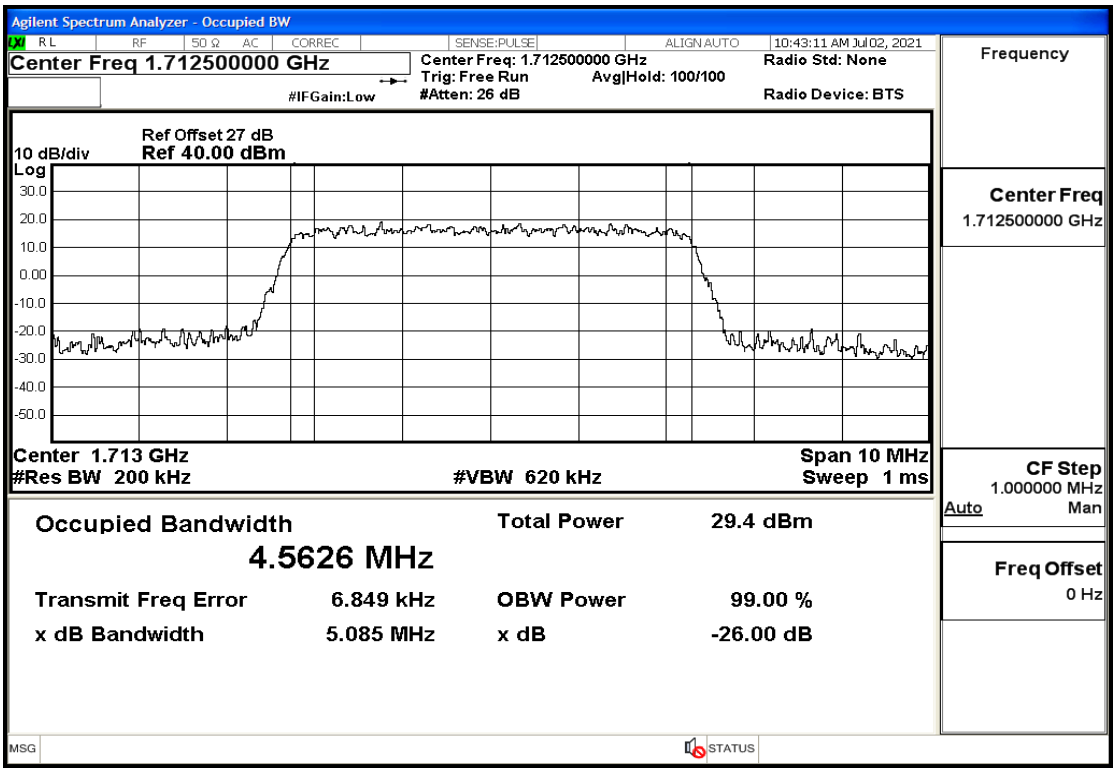
Band66-3-1778.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



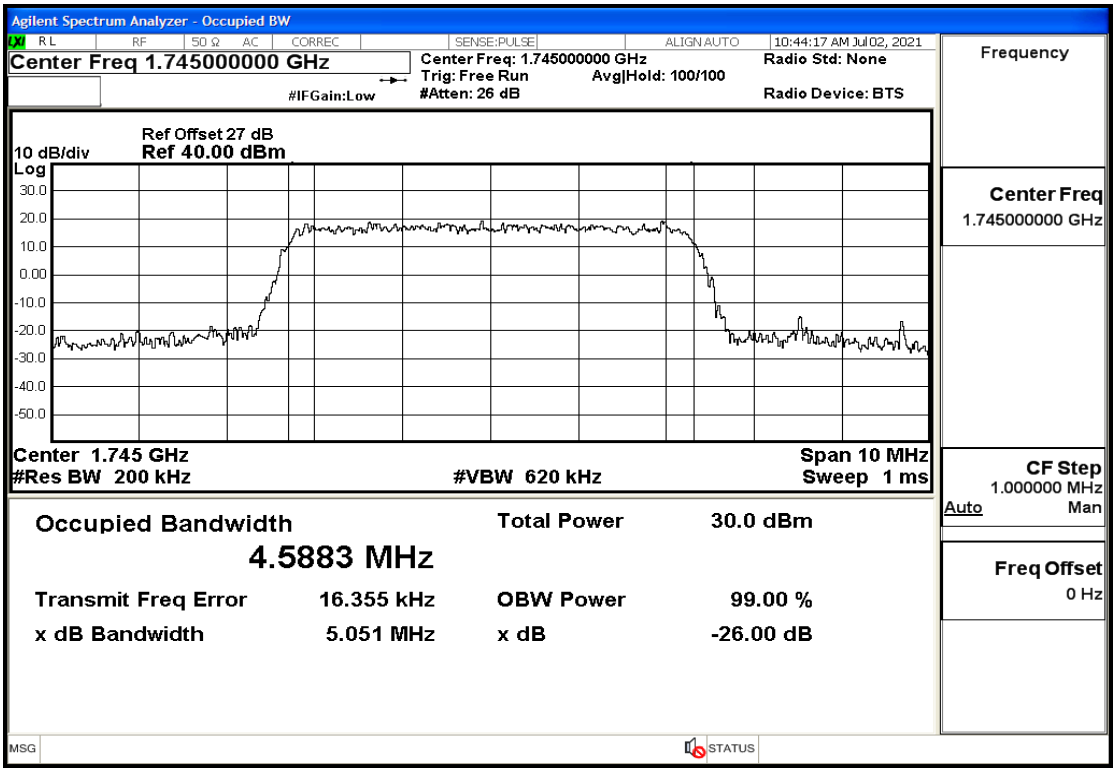
Band66-5-1712.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



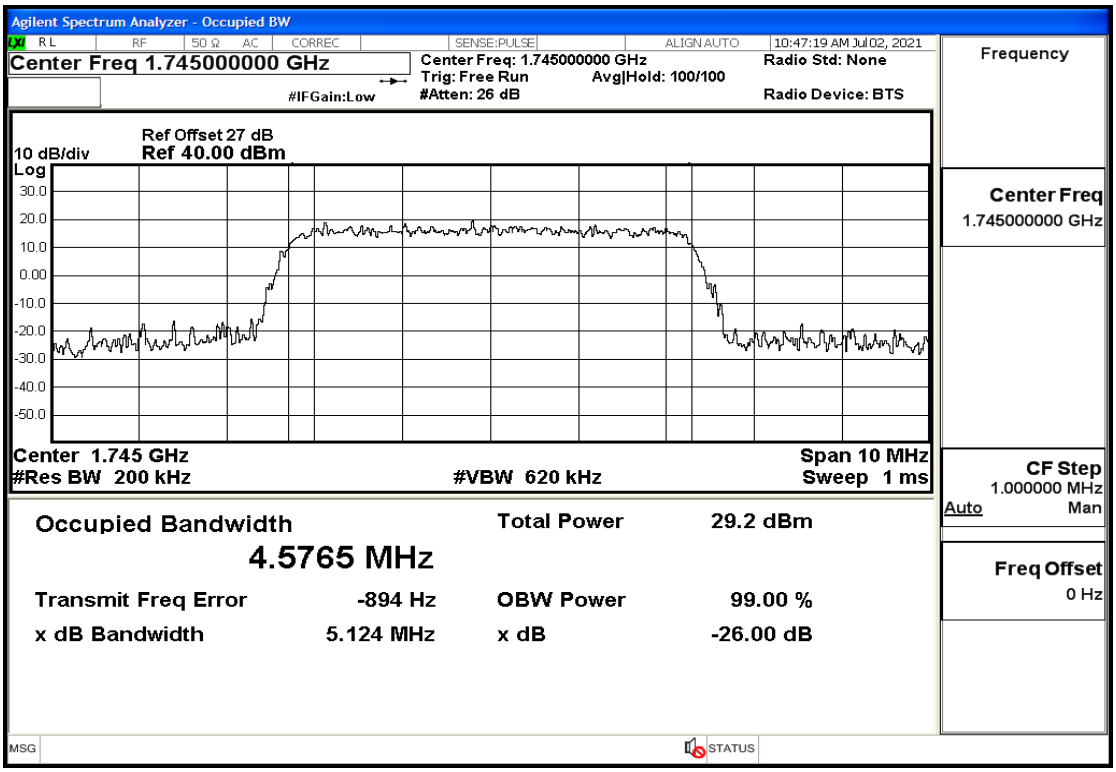
Band66-5-1712.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



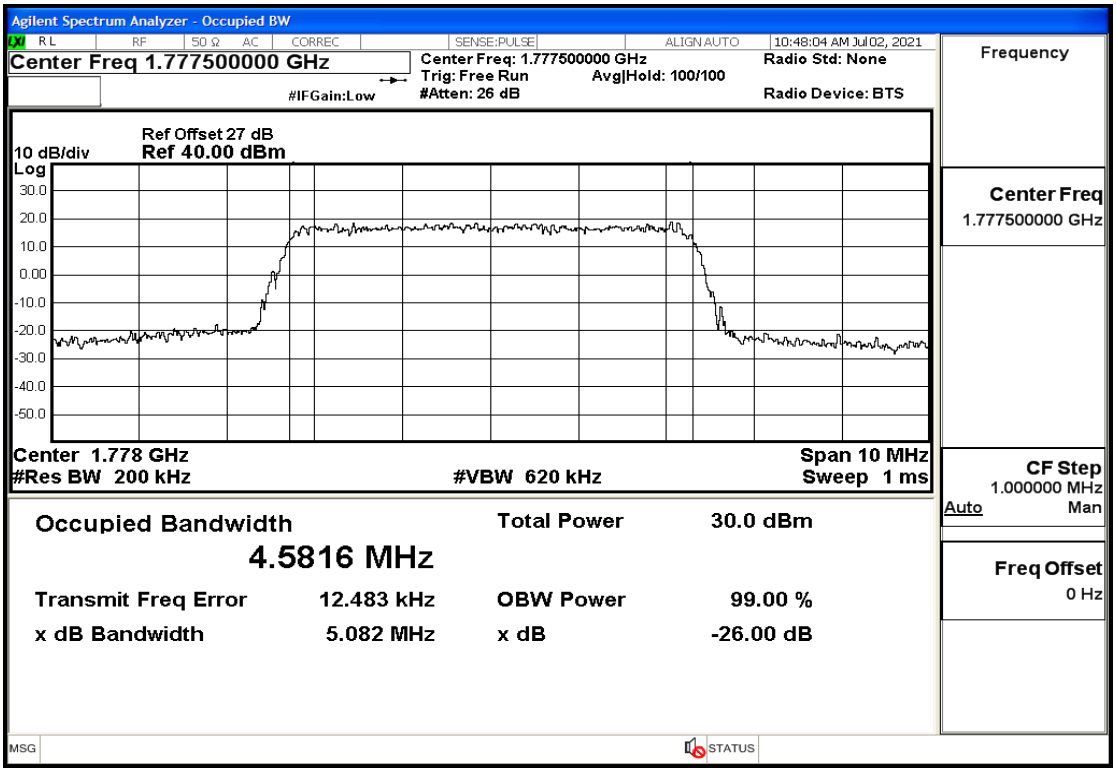
Band66-5-1745-QPSK-25#LOW@26dB and 99PCT Bandwidth



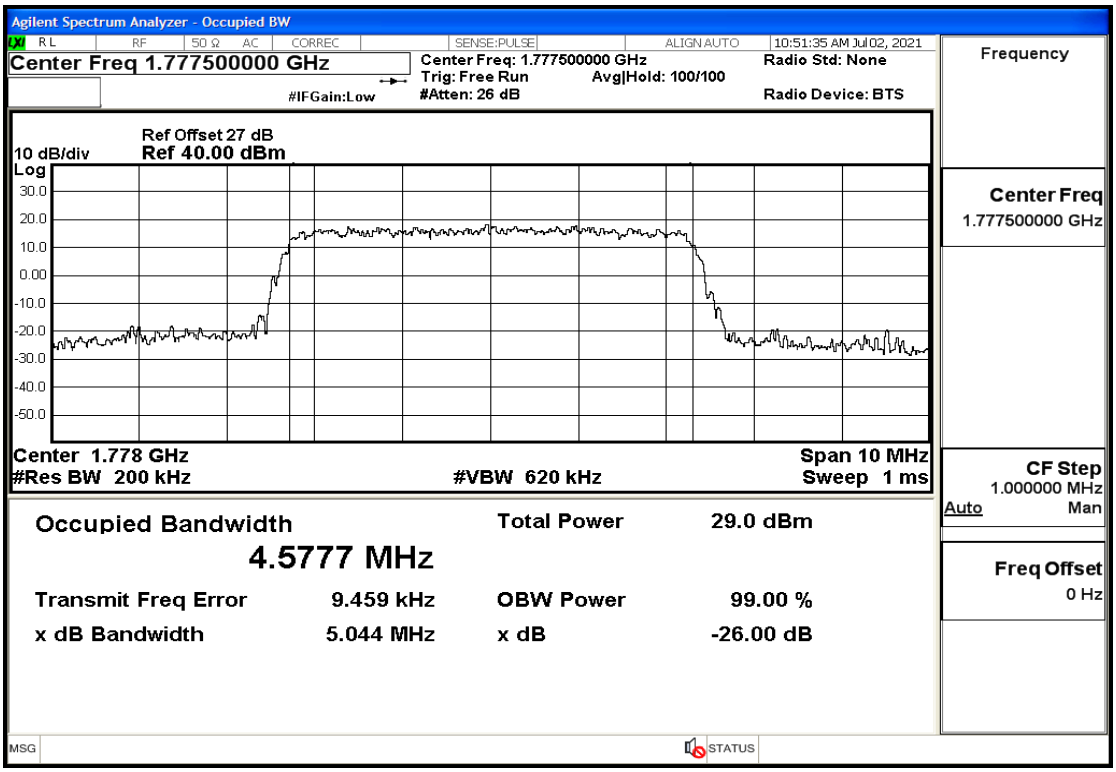
Band66-5-1745-16QAM-25#LOW@26dB and 99PCT Bandwidth



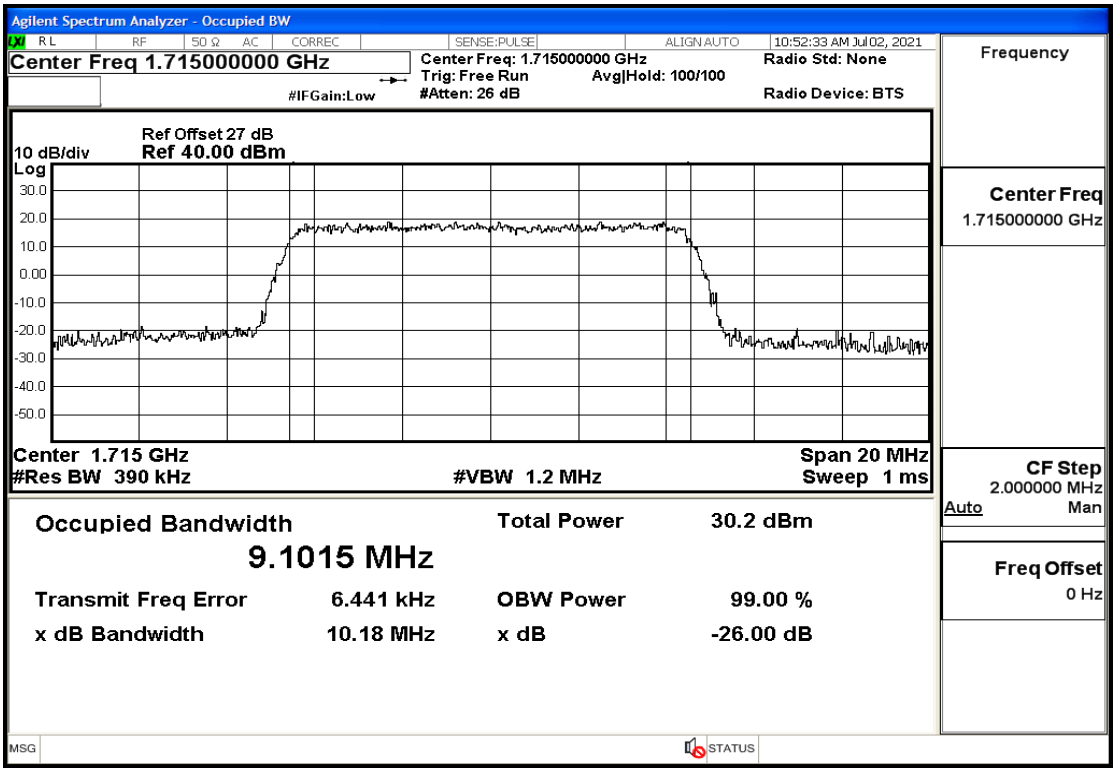
Band66-5-1777.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



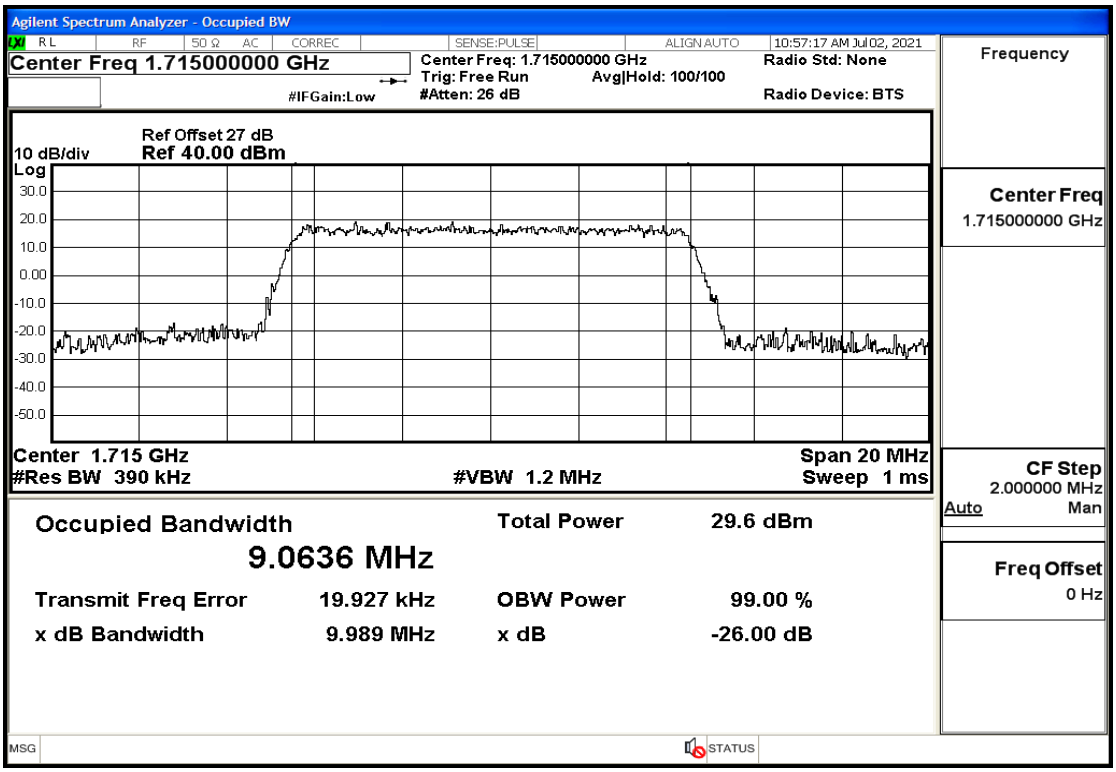
Band66-5-1777.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



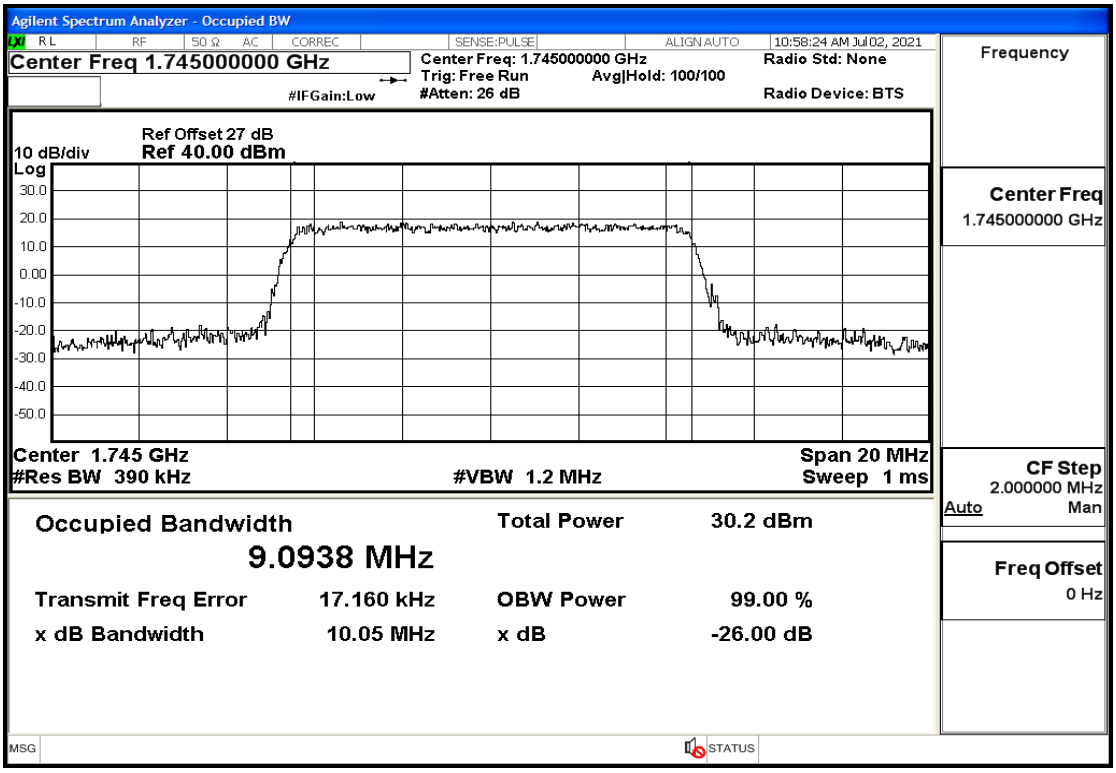
Band66-10-1715-QPSK-50#LOW@26dB and 99PCT Bandwidth



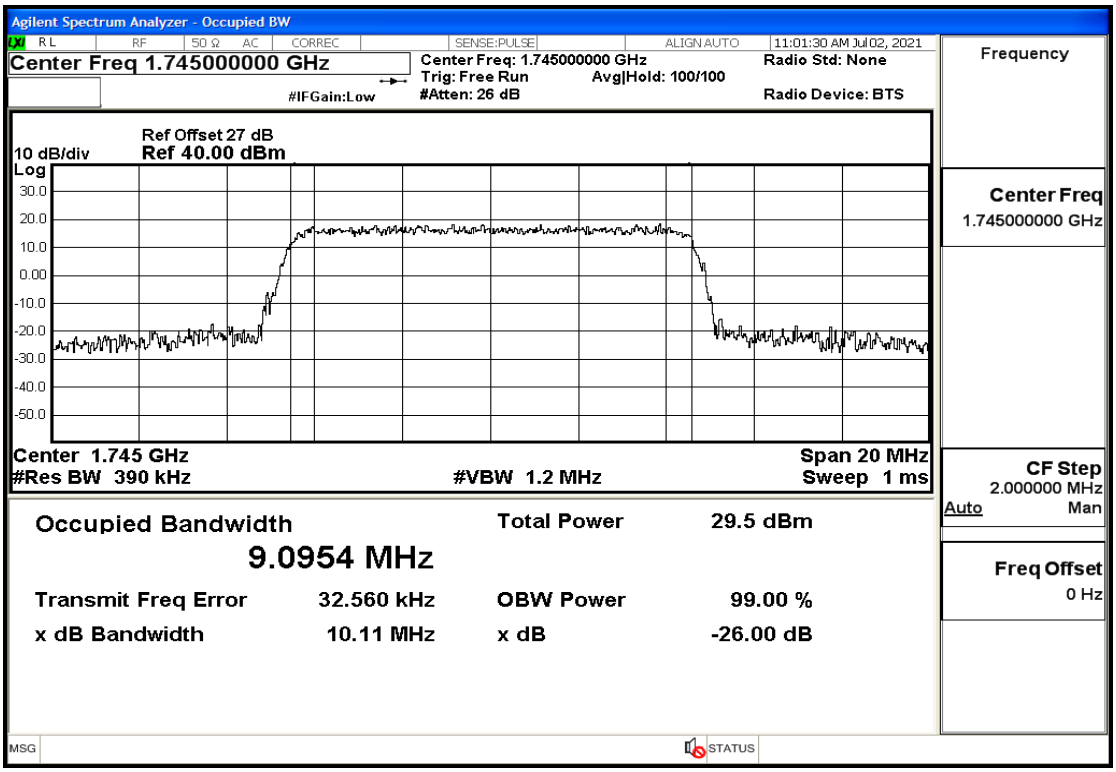
Band66-10-1715-16QAM-50#LOW@26dB and 99PCT Bandwidth



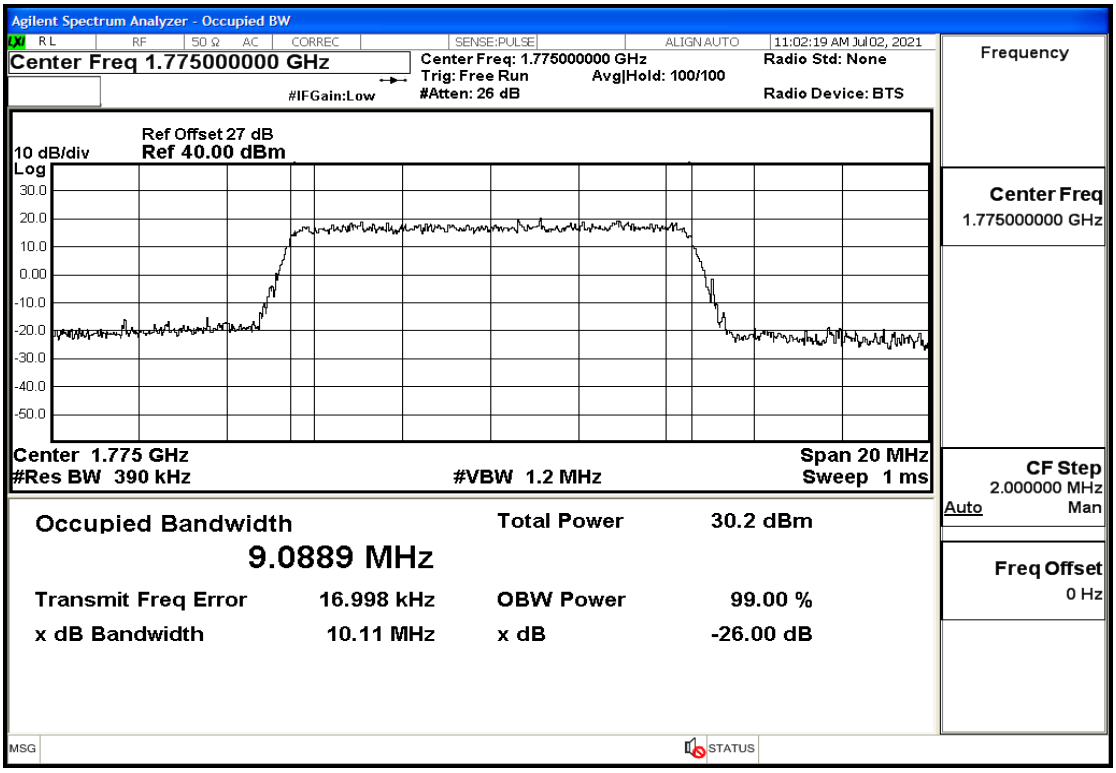
Band66-10-1745-QPSK-50#LOW@26dB and 99PCT Bandwidth



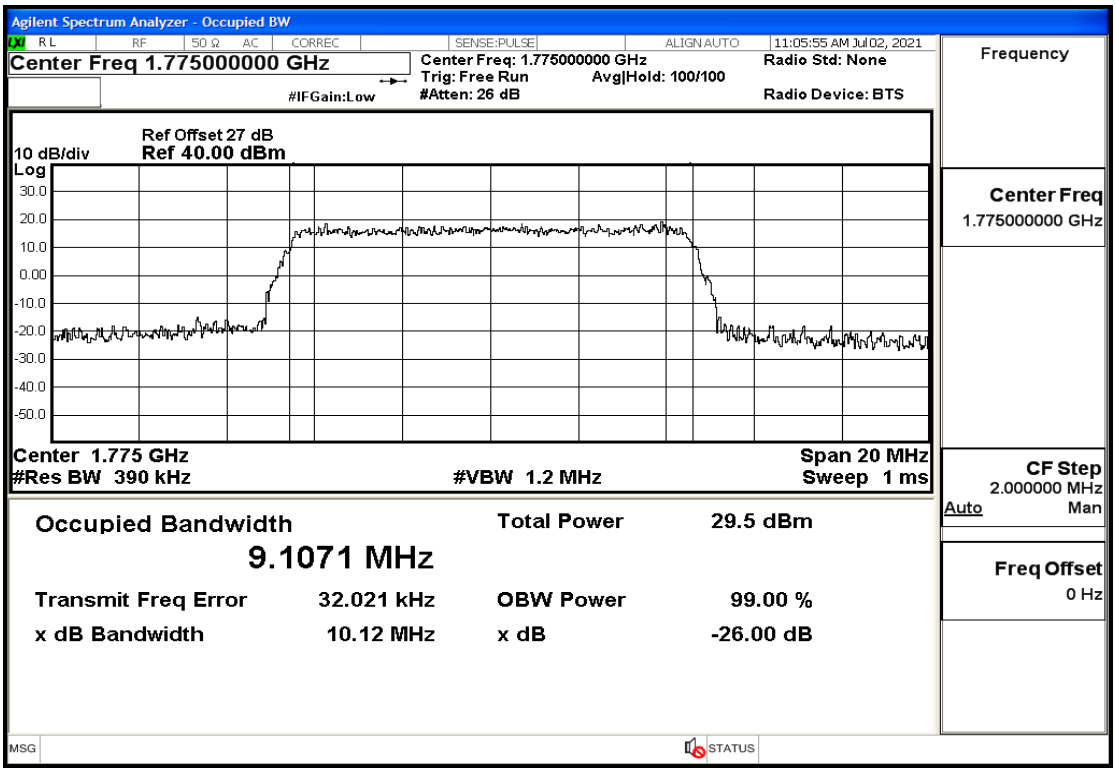
Band66-10-1745-16QAM-50#LOW@26dB and 99PCT Bandwidth



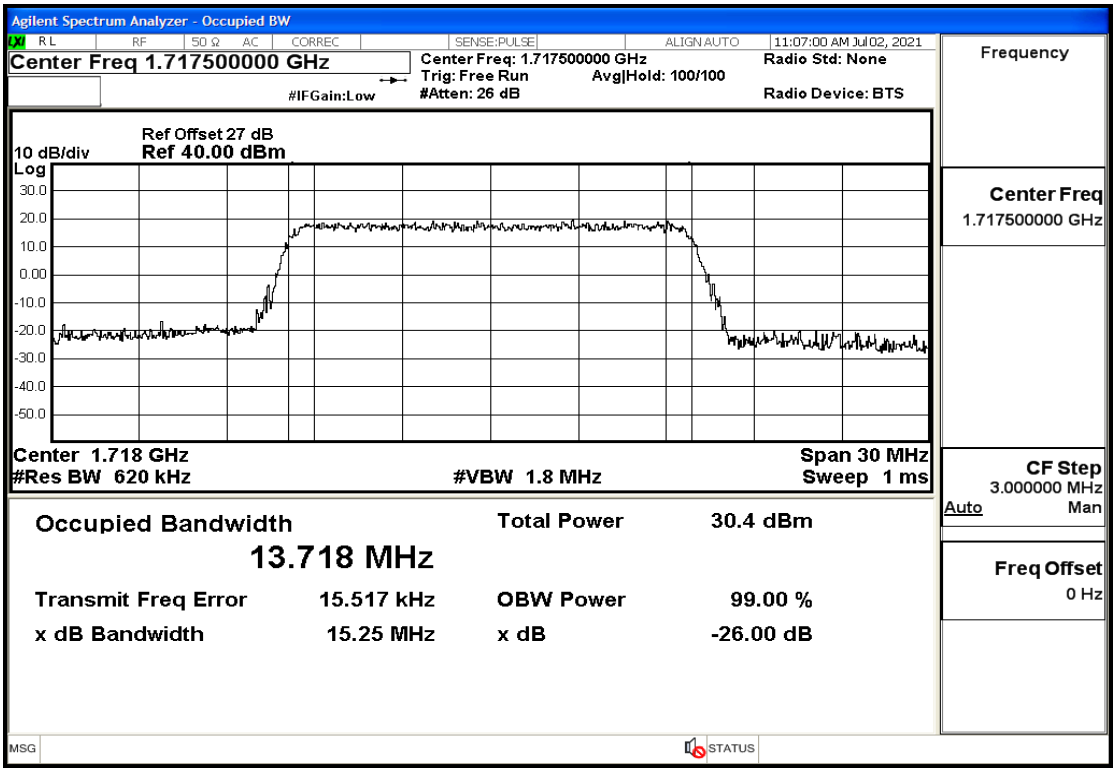
Band66-10-1775-QPSK-50#LOW@26dB and 99PCT Bandwidth



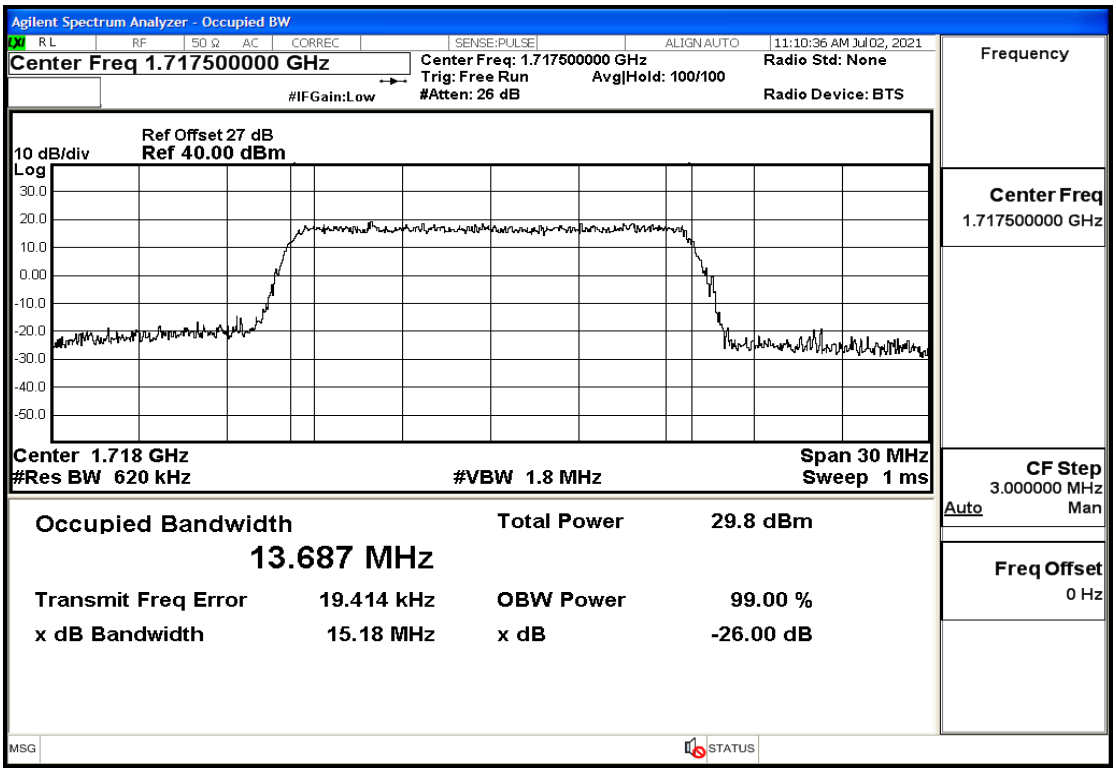
Band66-10-1775-16QAM-50#LOW@26dB and 99PCT Bandwidth



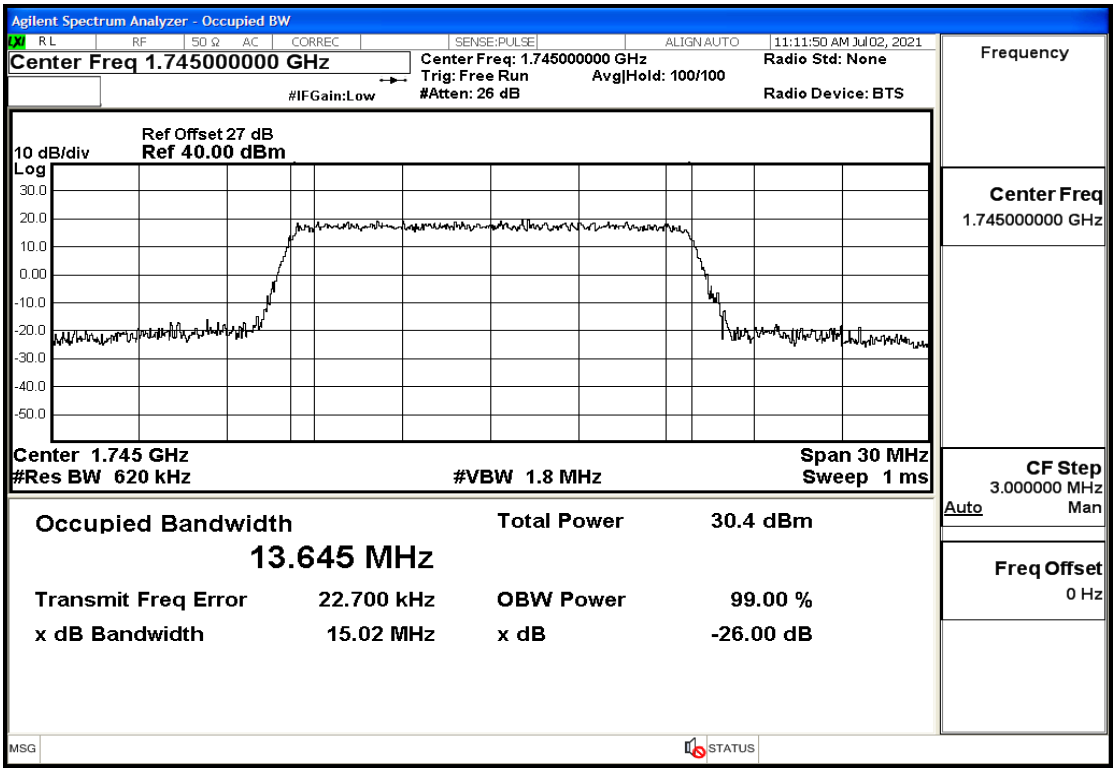
Band66-15-1717.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



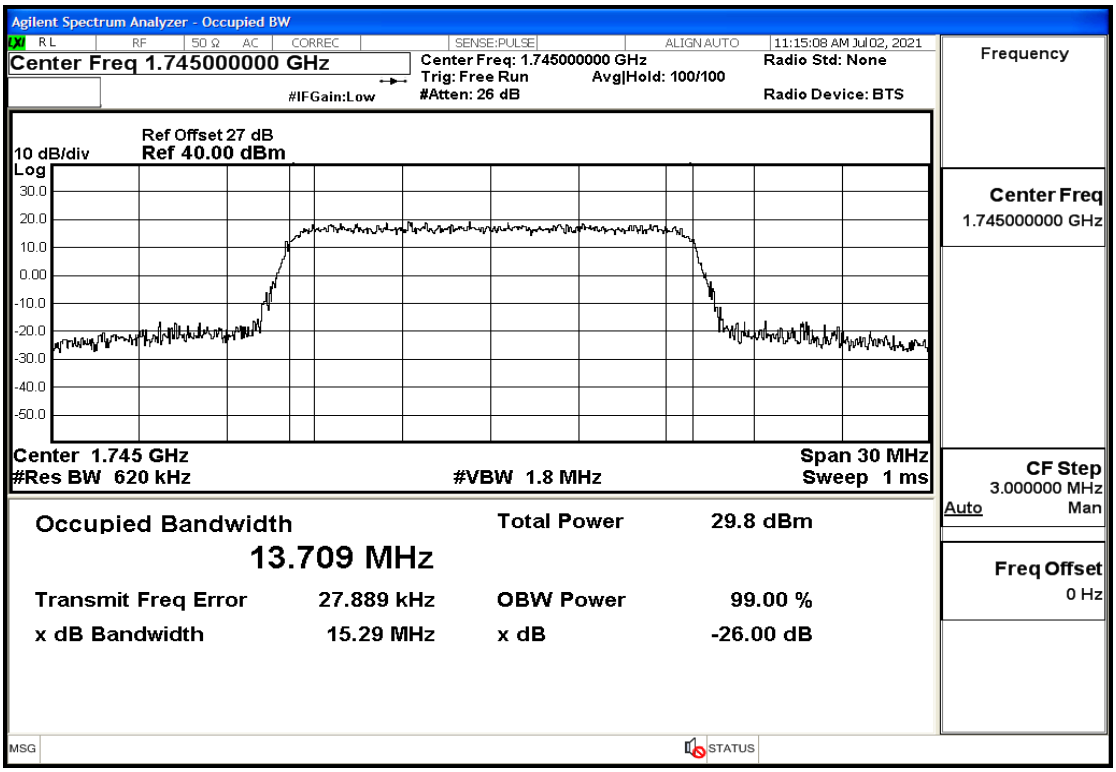
Band66-15-1717.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



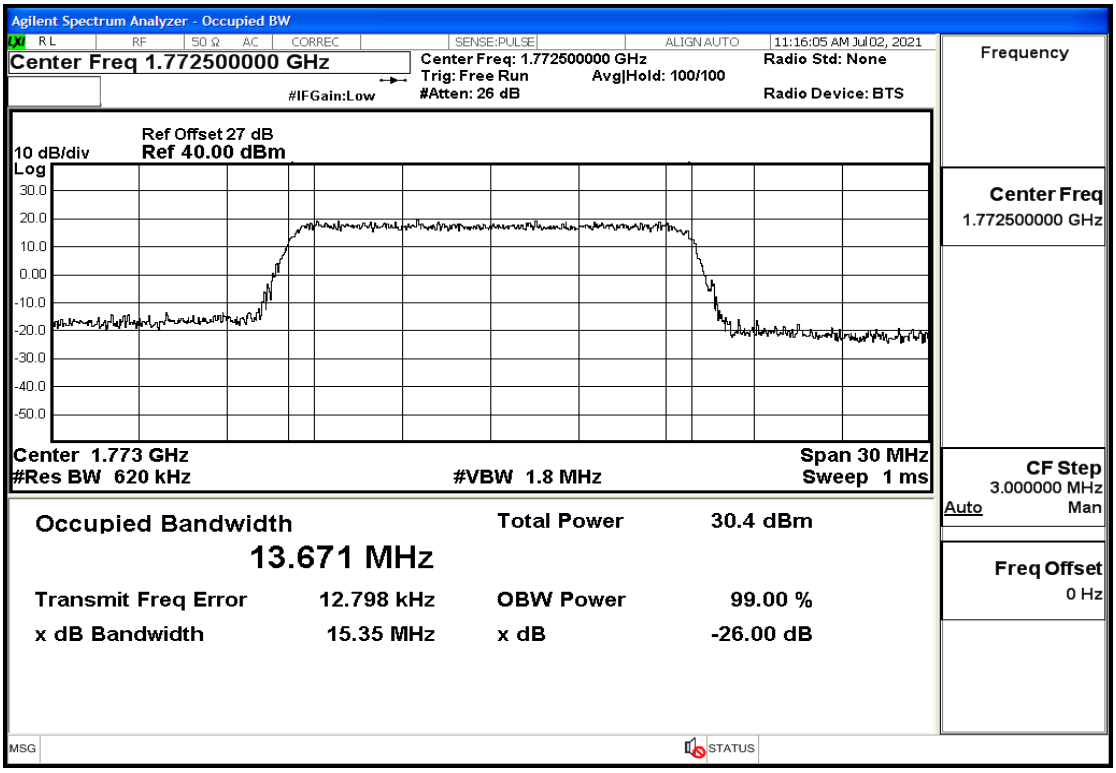
Band66-15-1745-QPSK-75#LOW@26dB and 99PCT Bandwidth



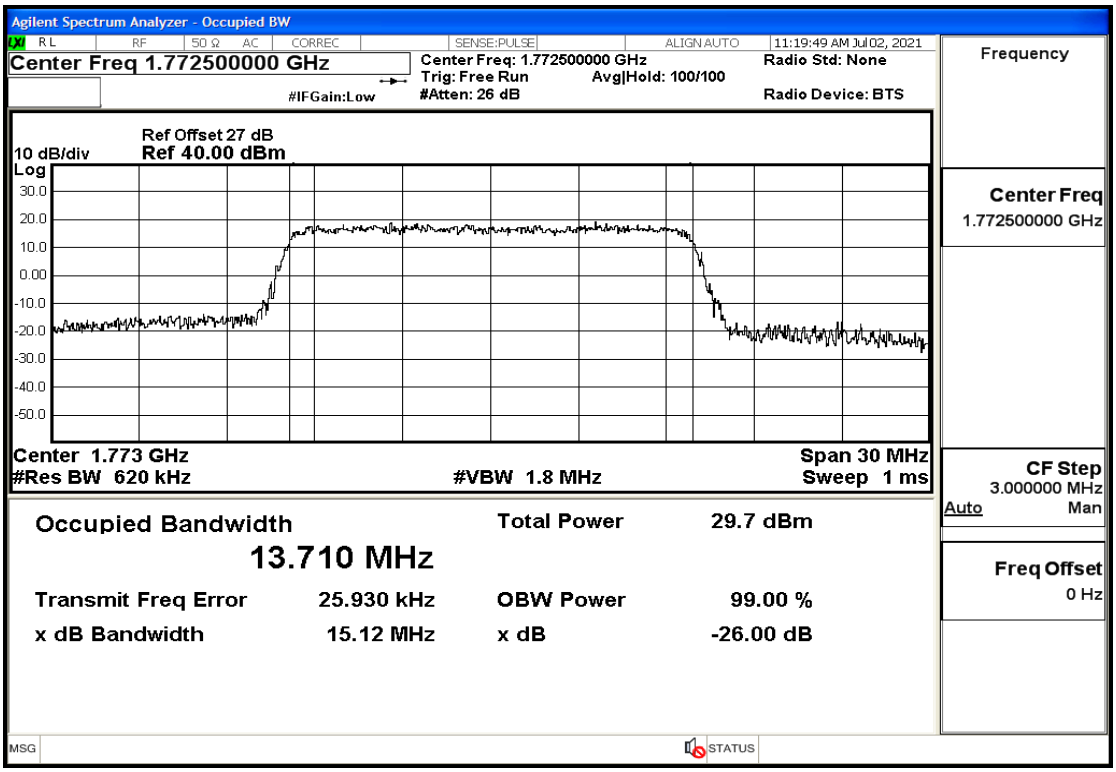
Band66-15-1745-16QAM-75#LOW@26dB and 99PCT Bandwidth



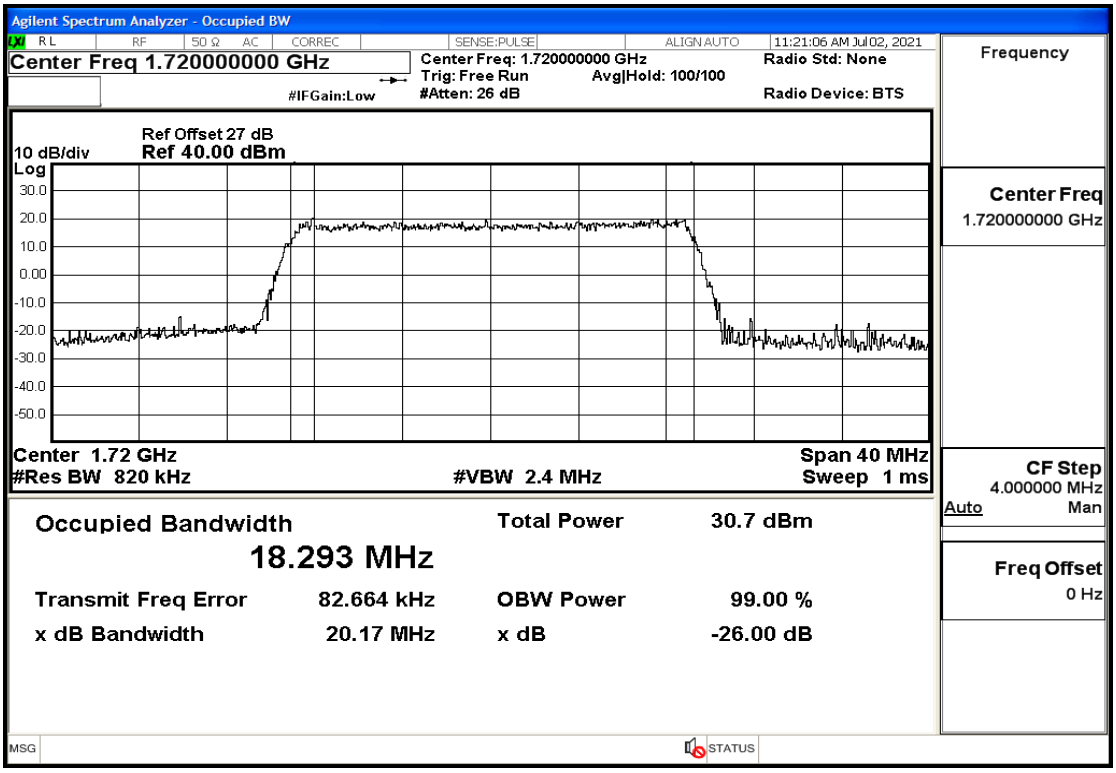
Band66-15-1772.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



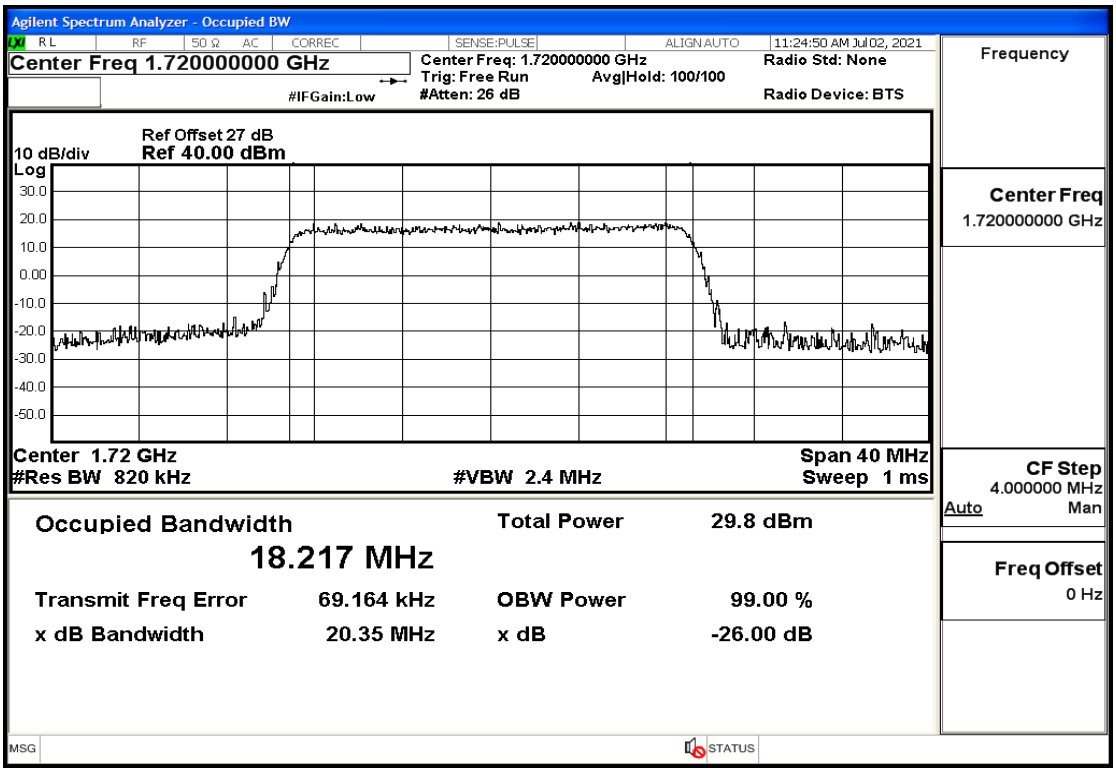
Band66-15-1772.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



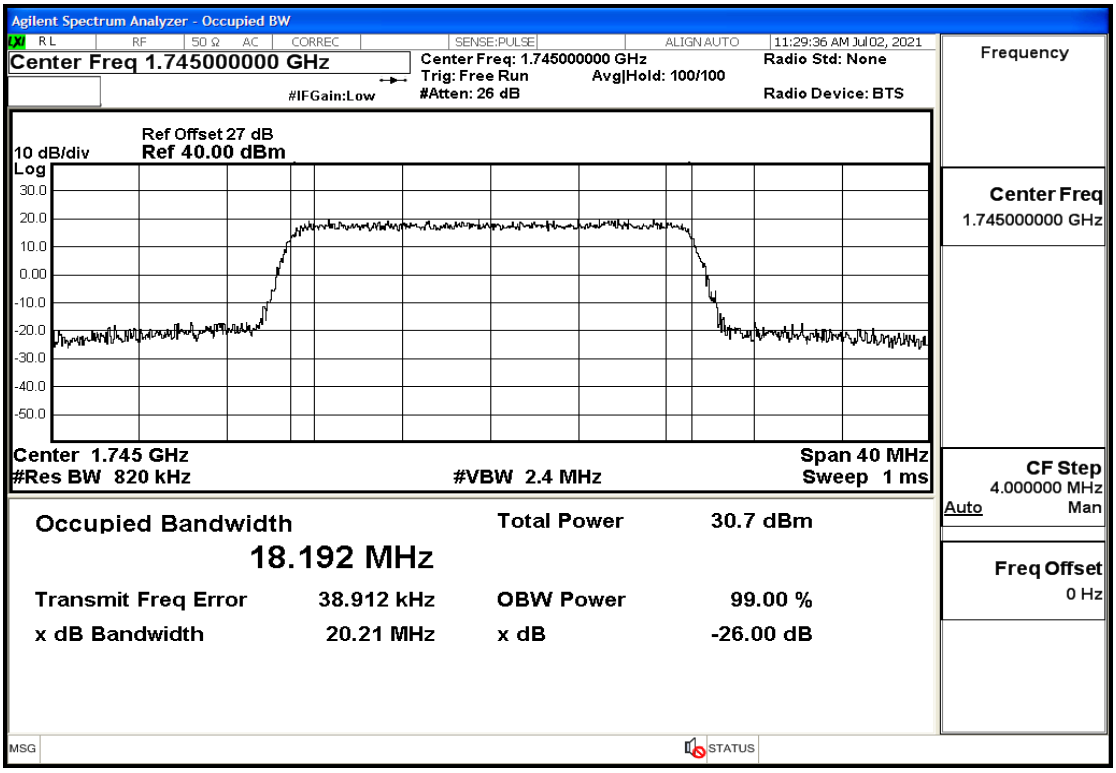
Band66-20-1720-QPSK-100#LOW@26dB and 99PCT Bandwidth



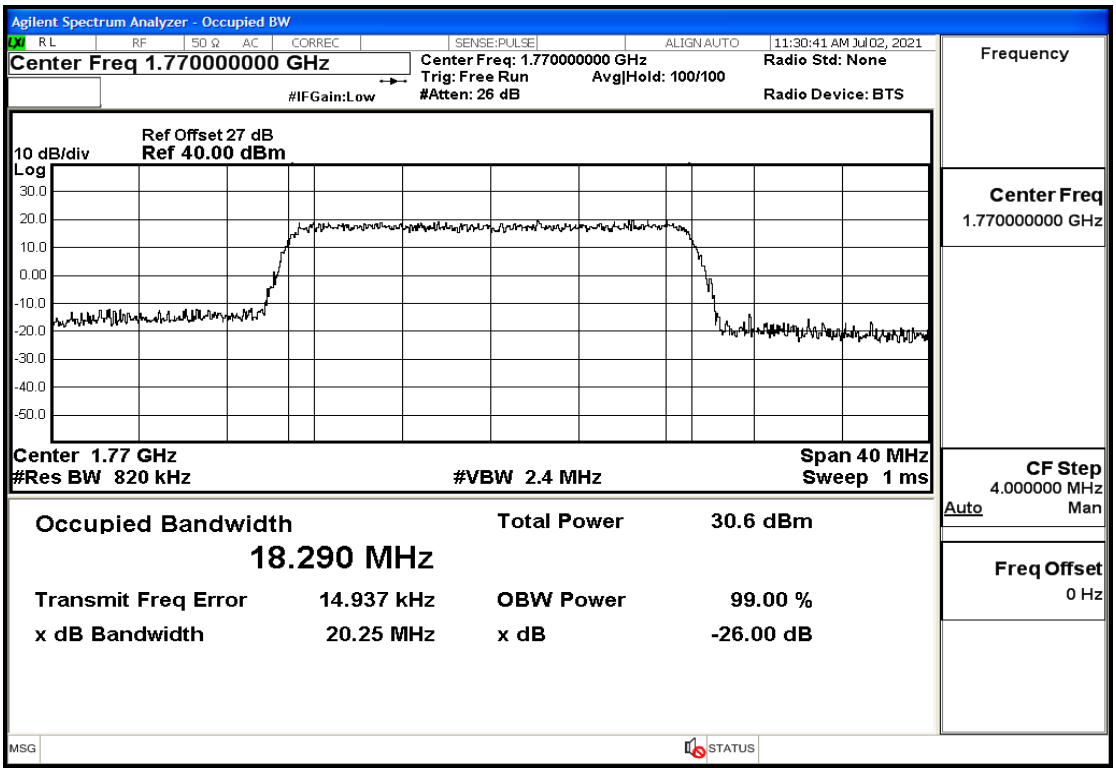
Band66-20-1720-16QAM-100#LOW@26dB and 99PCT Bandwidth



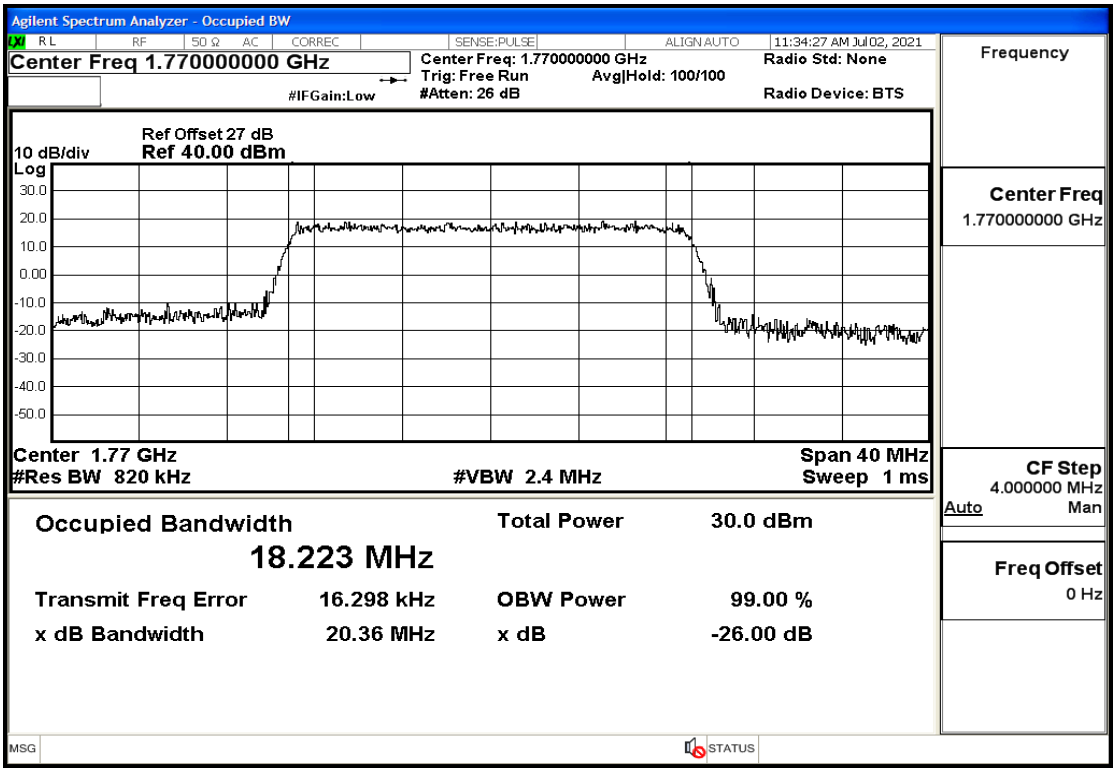
Band66-20-1745-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band66-20-1770-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band66-20-1770-16QAM-100#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0583	PASS
40	Normal Voltage	0.0358	
30	Normal Voltage	0.0183	
20(Ref.)	Normal Voltage	0.0278	
10	Normal Voltage	0.0584	
0	Normal Voltage	0.0168	
-10	Normal Voltage	0.0431	
-20	Normal Voltage	0.0321	
-30	Normal Voltage	0.0190	
20	Maximum Voltage	0.0168	
20	Normal Voltage	0.0273	
20	Battery End Point	0.0623	

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
Band66	1.4	1710.7	QPSK	6	LOW	22.63	28.68	6.05	13	0.54	23.17	30	Pass
Band66	1.4	1710.7	QPSK	3	LOW	23.66	28.79	5.13	13	0.54	24.2	30	Pass
Band66	1.4	1710.7	QPSK	3	MID	23.64	28.79	5.15	13	0.54	24.18	30	Pass
Band66	1.4	1710.7	QPSK	3	HIGH	23.59	28.8	5.21	13	0.54	24.13	30	Pass
Band66	1.4	1710.7	QPSK	1	LOW	23.54	28.4	4.86	13	0.54	24.08	30	Pass
Band66	1.4	1710.7	QPSK	1	MID	23.72	28.46	4.74	13	0.54	24.26	30	Pass
Band66	1.4	1710.7	QPSK	1	HIGH	23.48	28.34	4.86	13	0.54	24.02	30	Pass
Band66	1.4	1710.7	16QAM	6	LOW	22.12	28.96	6.84	13	0.54	22.66	30	Pass
Band66	1.4	1710.7	16QAM	3	LOW	22.87	28.32	5.45	13	0.54	23.41	30	Pass
Band66	1.4	1710.7	16QAM	3	MID	22.84	28.31	5.47	13	0.54	23.38	30	Pass
Band66	1.4	1710.7	16QAM	3	HIGH	23.05	28.52	5.47	13	0.54	23.59	30	Pass
Band66	1.4	1710.7	16QAM	1	LOW	23.47	28.06	4.59	13	0.54	24.01	30	Pass
Band66	1.4	1710.7	16QAM	1	MID	23.6	28.13	4.53	13	0.54	24.14	30	Pass
Band66	1.4	1710.7	16QAM	1	HIGH	23.45	28.32	4.87	13	0.54	23.99	30	Pass
Band66	1.4	1745	QPSK	6	LOW	22.35	27.84	5.49	13	0.54	22.89	30	Pass
Band66	1.4	1745	QPSK	3	LOW	23.33	28.26	4.93	13	0.54	23.87	30	Pass
Band66	1.4	1745	QPSK	3	MID	23.44	28.3	4.86	13	0.54	23.98	30	Pass
Band66	1.4	1745	QPSK	3	HIGH	23.29	28.21	4.92	13	0.54	23.83	30	Pass
Band66	1.4	1745	QPSK	1	LOW	23.71	28.15	4.44	13	0.54	24.25	30	Pass
Band66	1.4	1745	QPSK	1	MID	23.38	27.95	4.57	13	0.54	23.92	30	Pass
Band66	1.4	1745	QPSK	1	HIGH	23.58	28.05	4.47	13	0.54	24.12	30	Pass
Band66	1.4	1745	16QAM	6	LOW	21.66	28.32	6.66	13	0.54	22.2	30	Pass
Band66	1.4	1745	16QAM	3	LOW	22.24	28.29	6.05	13	0.54	22.78	30	Pass
Band66	1.4	1745	16QAM	3	MID	22.24	28.32	6.08	13	0.54	22.78	30	Pass
Band66	1.4	1745	16QAM	3	HIGH	22.24	28.39	6.15	13	0.54	22.78	30	Pass
Band66	1.4	1745	16QAM	1	LOW	22.88	27.55	4.67	13	0.54	23.42	30	Pass
Band66	1.4	1745	16QAM	1	MID	22.79	27.41	4.62	13	0.54	23.33	30	Pass
Band66	1.4	1745	16QAM	1	HIGH	22.85	27.52	4.67	13	0.54	23.39	30	Pass
Band66	1.4	1779.3	QPSK	6	LOW	22.23	28.09	5.86	13	0.54	22.77	30	Pass
Band66	1.4	1779.3	QPSK	3	LOW	22.97	28.65	5.68	13	0.54	23.51	30	Pass
Band66	1.4	1779.3	QPSK	3	MID	22.79	28.64	5.85	13	0.54	23.33	30	Pass
Band66	1.4	1779.3	QPSK	3	HIGH	22.66	28.57	5.91	13	0.54	23.2	30	Pass
Band66	1.4	1779.3	QPSK	1	LOW	22.51	28.09	5.58	13	0.54	23.05	30	Pass
Band66	1.4	1779.3	QPSK	1	MID	22.91	28.34	5.43	13	0.54	23.45	30	Pass
Band66	1.4	1779.3	QPSK	1	HIGH	22.52	28.16	5.64	13	0.54	23.06	30	Pass
Band66	1.4	1779.3	16QAM	6	LOW	21.41	28.53	7.12	13	0.54	21.95	30	Pass
Band66	1.4	1779.3	16QAM	3	LOW	22.52	28.39	5.87	13	0.54	23.06	30	Pass
Band66	1.4	1779.3	16QAM	3	MID	22.55	28.37	5.82	13	0.54	23.09	30	Pass
Band66	1.4	1779.3	16QAM	3	HIGH	22.71	28.42	5.71	13	0.54	23.25	30	Pass
Band66	1.4	1779.3	16QAM	1	LOW	22.59	28.05	5.46	13	0.54	23.13	30	Pass

Band66	1.4	1779.3	16QAM	1	MID	22.71	28.13	5.42	13	0.54	23.25	30	Pass
Band66	1.4	1779.3	16QAM	1	HIGH	22.52	28.55	6.03	13	0.54	23.06	30	Pass
Band66	3	1711.5	QPSK	15	LOW	22.52	28.55	6.03	13	0.54	23.06	30	Pass
Band66	3	1711.5	QPSK	8	LOW	22.7	28.38	5.68	13	0.54	23.24	30	Pass
Band66	3	1711.5	QPSK	8	MID	22.7	28.38	5.68	13	0.54	23.24	30	Pass
Band66	3	1711.5	QPSK	8	HIGH	22.65	28.32	5.67	13	0.54	23.19	30	Pass
Band66	3	1711.5	QPSK	1	LOW	23.72	28.22	4.5	13	0.54	24.26	30	Pass
Band66	3	1711.5	QPSK	1	MID	23.67	28.27	4.6	13	0.54	24.21	30	Pass
Band66	3	1711.5	QPSK	1	HIGH	23.75	28.32	4.57	13	0.54	24.29	30	Pass
Band66	3	1711.5	16QAM	15	LOW	21.87	28.71	6.84	13	0.54	22.41	30	Pass
Band66	3	1711.5	16QAM	8	LOW	22.07	28.51	6.44	13	0.54	22.61	30	Pass
Band66	3	1711.5	16QAM	8	MID	22.08	28.58	6.5	13	0.54	22.62	30	Pass
Band66	3	1711.5	16QAM	8	HIGH	22.02	28.55	6.53	13	0.54	22.56	30	Pass
Band66	3	1711.5	16QAM	1	LOW	23.19	28.44	5.25	13	0.54	23.73	30	Pass
Band66	3	1711.5	16QAM	1	MID	23.11	28.51	5.4	13	0.54	23.65	30	Pass
Band66	3	1711.5	16QAM	1	HIGH	23.08	28.59	5.51	13	0.54	23.62	30	Pass
Band66	3	1745	QPSK	15	LOW	22.42	28.37	5.95	13	0.54	22.96	30	Pass
Band66	3	1745	QPSK	8	LOW	22.31	28.1	5.79	13	0.54	22.85	30	Pass
Band66	3	1745	QPSK	8	MID	22.31	28.13	5.82	13	0.54	22.85	30	Pass
Band66	3	1745	QPSK	8	HIGH	22.27	28.1	5.83	13	0.54	22.81	30	Pass
Band66	3	1745	QPSK	1	LOW	23.34	28.11	4.77	13	0.54	23.88	30	Pass
Band66	3	1745	QPSK	1	MID	23.41	28.01	4.6	13	0.54	23.95	30	Pass
Band66	3	1745	QPSK	1	HIGH	23.34	27.95	4.61	13	0.54	23.88	30	Pass
Band66	3	1745	16QAM	15	LOW	21.65	28.06	6.41	13	0.54	22.19	30	Pass
Band66	3	1745	16QAM	8	LOW	21.9	28.11	6.21	13	0.54	22.44	30	Pass
Band66	3	1745	16QAM	8	MID	21.75	27.89	6.14	13	0.54	22.29	30	Pass
Band66	3	1745	16QAM	8	HIGH	21.75	28.01	6.26	13	0.54	22.29	30	Pass
Band66	3	1745	16QAM	1	LOW	23.16	27.71	4.55	13	0.54	23.7	30	Pass
Band66	3	1745	16QAM	1	MID	23.25	27.74	4.49	13	0.54	23.79	30	Pass
Band66	3	1745	16QAM	1	HIGH	23.28	27.75	4.47	13	0.54	23.82	30	Pass
Band66	3	1778.5	QPSK	15	LOW	22.15	28.96	6.81	13	0.54	22.69	30	Pass
Band66	3	1778.5	QPSK	8	LOW	22.31	28.2	5.89	13	0.54	22.85	30	Pass
Band66	3	1778.5	QPSK	8	MID	22.31	28.42	6.11	13	0.54	22.85	30	Pass
Band66	3	1778.5	QPSK	8	HIGH	22.23	28.38	6.15	13	0.54	22.77	30	Pass
Band66	3	1778.5	QPSK	1	LOW	22.33	27.57	5.24	13	0.54	22.87	30	Pass
Band66	3	1778.5	QPSK	1	MID	22.44	27.6	5.16	13	0.54	22.98	30	Pass
Band66	3	1778.5	QPSK	1	HIGH	22.27	27.56	5.29	13	0.54	22.81	30	Pass
Band66	3	1778.5	16QAM	15	LOW	21.47	28.78	7.31	13	0.54	22.01	30	Pass
Band66	3	1778.5	16QAM	8	LOW	21.65	28.22	6.57	13	0.54	22.19	30	Pass
Band66	3	1778.5	16QAM	8	MID	21.66	28.21	6.55	13	0.54	22.2	30	Pass
Band66	3	1778.5	16QAM	8	HIGH	21.67	27.69	6.02	13	0.54	22.21	30	Pass
Band66	3	1778.5	16QAM	1	LOW	22.4	27.45	5.05	13	0.54	22.94	30	Pass
Band66	3	1778.5	16QAM	1	MID	22.27	27.33	5.06	13	0.54	22.81	30	Pass
Band66	3	1778.5	16QAM	1	HIGH	22.34	27.4	5.06	13	0.54	22.88	30	Pass
Band66	5	1712.5	QPSK	25	LOW	22.57	28.68	6.11	13	0.54	23.11	30	Pass
Band66	5	1712.5	QPSK	12	LOW	22.69	28.29	5.6	13	0.54	23.23	30	Pass

Band66	5	1712.5	QPSK	12	MID	22.7	28.44	5.74	13	0.54	23.24	30	Pass
Band66	5	1712.5	QPSK	12	HIGH	22.76	28.64	5.88	13	0.54	23.3	30	Pass
Band66	5	1712.5	QPSK	1	LOW	23.54	28.58	5.04	13	0.54	24.08	30	Pass
Band66	5	1712.5	QPSK	1	MID	23.65	28.78	5.13	13	0.54	24.19	30	Pass
Band66	5	1712.5	QPSK	1	HIGH	23.42	28.86	5.44	13	0.54	23.96	30	Pass
Band66	5	1712.5	16QAM	25	LOW	21.94	29.3	7.36	13	0.54	22.48	30	Pass
Band66	5	1712.5	16QAM	12	LOW	21.76	28.62	6.86	13	0.54	22.3	30	Pass
Band66	5	1712.5	16QAM	12	MID	21.77	28.65	6.88	13	0.54	22.31	30	Pass
Band66	5	1712.5	16QAM	12	HIGH	21.7	28.7	7	13	0.54	22.24	30	Pass
Band66	5	1712.5	16QAM	1	LOW	22.14	27.68	5.54	13	0.54	22.68	30	Pass
Band66	5	1712.5	16QAM	1	MID	22.1	28.35	6.25	13	0.54	22.64	30	Pass
Band66	5	1712.5	16QAM	1	HIGH	22.12	27.83	5.71	13	0.54	22.66	30	Pass
Band66	5	1745	QPSK	25	LOW	22.41	28.23	5.82	13	0.54	22.95	30	Pass
Band66	5	1745	QPSK	12	LOW	22.42	28.34	5.92	13	0.54	22.96	30	Pass
Band66	5	1745	QPSK	12	MID	22.42	28.5	6.08	13	0.54	22.96	30	Pass
Band66	5	1745	QPSK	12	HIGH	22.35	28.41	6.06	13	0.54	22.89	30	Pass
Band66	5	1745	QPSK	1	LOW	23.57	28.46	4.89	13	0.54	24.11	30	Pass
Band66	5	1745	QPSK	1	MID	23.59	28.06	4.47	13	0.54	24.13	30	Pass
Band66	5	1745	QPSK	1	HIGH	23.54	27.95	4.41	13	0.54	24.08	30	Pass
Band66	5	1745	16QAM	25	LOW	21.57	29.18	7.61	13	0.54	22.11	30	Pass
Band66	5	1745	16QAM	12	LOW	21.63	28.08	6.45	13	0.54	22.17	30	Pass
Band66	5	1745	16QAM	12	MID	21.64	28.18	6.54	13	0.54	22.18	30	Pass
Band66	5	1745	16QAM	12	HIGH	21.71	28.12	6.41	13	0.54	22.25	30	Pass
Band66	5	1745	16QAM	1	LOW	22.72	28.06	5.34	13	0.54	23.26	30	Pass
Band66	5	1745	16QAM	1	MID	22.71	27.96	5.25	13	0.54	23.25	30	Pass
Band66	5	1745	16QAM	1	HIGH	22.81	27.94	5.13	13	0.54	23.35	30	Pass
Band66	5	1777.5	QPSK	25	LOW	22.3	28.39	6.09	13	0.54	22.84	30	Pass
Band66	5	1777.5	QPSK	12	LOW	22.32	28.1	5.78	13	0.54	22.86	30	Pass
Band66	5	1777.5	QPSK	12	MID	22.32	28.12	5.8	13	0.54	22.86	30	Pass
Band66	5	1777.5	QPSK	12	HIGH	22.2	27.92	5.72	13	0.54	22.74	30	Pass
Band66	5	1777.5	QPSK	1	LOW	21.92	27.52	5.6	13	0.54	22.46	30	Pass
Band66	5	1777.5	QPSK	1	MID	22.51	27.94	5.43	13	0.54	23.05	30	Pass
Band66	5	1777.5	QPSK	1	HIGH	21.93	27.6	5.67	13	0.54	22.47	30	Pass
Band66	5	1777.5	16QAM	25	LOW	21.31	28.28	6.97	13	0.54	21.85	30	Pass
Band66	5	1777.5	16QAM	12	LOW	21.34	28.08	6.74	13	0.54	21.88	30	Pass
Band66	5	1777.5	16QAM	12	MID	21.34	28.01	6.67	13	0.54	21.88	30	Pass
Band66	5	1777.5	16QAM	12	HIGH	21.26	28.08	6.82	13	0.54	21.8	30	Pass
Band66	5	1777.5	16QAM	1	LOW	22.1	28.13	6.03	13	0.54	22.64	30	Pass
Band66	5	1777.5	16QAM	1	MID	22.19	28.2	6.01	13	0.54	22.73	30	Pass
Band66	5	1777.5	16QAM	1	HIGH	22.21	28.24	6.03	13	0.54	22.75	30	Pass
Band66	10	1715	QPSK	50	LOW	22.55	28.68	6.13	13	0.54	23.09	30	Pass
Band66	10	1715	QPSK	25	LOW	22.64	28.65	6.01	13	0.54	23.18	30	Pass
Band66	10	1715	QPSK	25	MID	22.64	28.66	6.02	13	0.54	23.18	30	Pass
Band66	10	1715	QPSK	25	HIGH	22.69	28.97	6.28	13	0.54	23.23	30	Pass
Band66	10	1715	QPSK	1	LOW	23.47	28.12	4.65	13	0.54	24.01	30	Pass
Band66	10	1715	QPSK	1	MID	23.58	28.35	4.77	13	0.54	24.12	30	Pass

Band66	10	1715	QPSK	1	HIGH	23.7	28.66	4.96	13	0.54	24.24	30	Pass
Band66	10	1715	16QAM	50	LOW	21.71	29.14	7.43	13	0.54	22.25	30	Pass
Band66	10	1715	16QAM	25	LOW	21.67	28.68	7.01	13	0.54	22.21	30	Pass
Band66	10	1715	16QAM	25	MID	21.68	28.71	7.03	13	0.54	22.22	30	Pass
Band66	10	1715	16QAM	25	HIGH	21.6	28.86	7.26	13	0.54	22.14	30	Pass
Band66	10	1715	16QAM	1	LOW	22.95	28.41	5.46	13	0.54	23.49	30	Pass
Band66	10	1715	16QAM	1	MID	22.89	28.71	5.82	13	0.54	23.43	30	Pass
Band66	10	1715	16QAM	1	HIGH	22.92	29.02	6.1	13	0.54	23.46	30	Pass
Band66	10	1745	QPSK	50	LOW	22.29	28.44	6.15	13	0.54	22.83	30	Pass
Band66	10	1745	QPSK	25	LOW	22.24	28.34	6.1	13	0.54	22.78	30	Pass
Band66	10	1745	QPSK	25	MID	22.24	28.27	6.03	13	0.54	22.78	30	Pass
Band66	10	1745	QPSK	25	HIGH	22.36	28.2	5.84	13	0.54	22.9	30	Pass
Band66	10	1745	QPSK	1	LOW	23.57	28.4	4.83	13	0.54	24.11	30	Pass
Band66	10	1745	QPSK	1	MID	23.42	27.96	4.54	13	0.54	23.96	30	Pass
Band66	10	1745	QPSK	1	HIGH	23.38	27.74	4.36	13	0.54	23.92	30	Pass
Band66	10	1745	16QAM	50	LOW	21.57	28.15	6.58	13	0.54	22.11	30	Pass
Band66	10	1745	16QAM	25	LOW	21.62	28.67	7.05	13	0.54	22.16	30	Pass
Band66	10	1745	16QAM	25	MID	21.63	28.62	6.99	13	0.54	22.17	30	Pass
Band66	10	1745	16QAM	25	HIGH	21.63	28.49	6.86	13	0.54	22.17	30	Pass
Band66	10	1745	16QAM	1	LOW	22.98	28.47	5.49	13	0.54	23.52	30	Pass
Band66	10	1745	16QAM	1	MID	23.17	27.64	4.47	13	0.54	23.71	30	Pass
Band66	10	1745	16QAM	1	HIGH	23.14	27.94	4.8	13	0.54	23.68	30	Pass
Band66	10	1775	QPSK	50	LOW	22.29	28.14	5.85	13	0.54	22.83	30	Pass
Band66	10	1775	QPSK	25	LOW	22.26	28.38	6.12	13	0.54	22.8	30	Pass
Band66	10	1775	QPSK	25	MID	22.25	28.33	6.08	13	0.54	22.79	30	Pass
Band66	10	1775	QPSK	25	HIGH	22.23	28.68	6.45	13	0.54	22.77	30	Pass
Band66	10	1775	QPSK	1	LOW	21.94	27.14	5.2	13	0.54	22.48	30	Pass
Band66	10	1775	QPSK	1	MID	22.47	27.59	5.12	13	0.54	23.01	30	Pass
Band66	10	1775	QPSK	1	HIGH	22.48	27.74	5.26	13	0.54	23.02	30	Pass
Band66	10	1775	16QAM	50	LOW	21.47	28.84	7.37	13	0.54	22.01	30	Pass
Band66	10	1775	16QAM	25	LOW	21.6	28.27	6.67	13	0.54	22.14	30	Pass
Band66	10	1775	16QAM	25	MID	21.61	28.34	6.73	13	0.54	22.15	30	Pass
Band66	10	1775	16QAM	25	HIGH	21.5	28.47	6.97	13	0.54	22.04	30	Pass
Band66	10	1775	16QAM	1	LOW	22.27	27.24	4.97	13	0.54	22.81	30	Pass
Band66	10	1775	16QAM	1	MID	22.18	27.31	5.13	13	0.54	22.72	30	Pass
Band66	10	1775	16QAM	1	HIGH	22.12	27.32	5.2	13	0.54	22.66	30	Pass
Band66	15	1717.5	QPSK	75	LOW	22.49	29.47	6.98	13	0.54	23.03	30	Pass
Band66	15	1717.5	QPSK	38	LOW	22.69	29.62	6.93	13	0.54	23.23	30	Pass
Band66	15	1717.5	QPSK	38	MID	22.69	29.55	6.86	13	0.54	23.23	30	Pass
Band66	15	1717.5	QPSK	38	HIGH	22.69	29.65	6.96	13	0.54	23.23	30	Pass
Band66	15	1717.5	QPSK	1	LOW	23.65	28.22	4.57	13	0.54	24.19	30	Pass
Band66	15	1717.5	QPSK	1	MID	23.59	28.52	4.93	13	0.54	24.13	30	Pass
Band66	15	1717.5	QPSK	1	HIGH	23.62	28.72	5.1	13	0.54	24.16	30	Pass
Band66	15	1717.5	16QAM	75	LOW	21.79	29.18	7.39	13	0.54	22.33	30	Pass
Band66	15	1717.5	16QAM	38	LOW	21.76	29.14	7.38	13	0.54	22.3	30	Pass
Band66	15	1717.5	16QAM	38	MID	21.76	29.17	7.41	13	0.54	22.3	30	Pass

Band66	15	1717.5	16QAM	38	HIGH	21.77	29.14	7.37	13	0.54	22.31	30	Pass
Band66	15	1717.5	16QAM	1	LOW	23	28.47	5.47	13	0.54	23.54	30	Pass
Band66	15	1717.5	16QAM	1	MID	22.95	28.88	5.93	13	0.54	23.49	30	Pass
Band66	15	1717.5	16QAM	1	HIGH	23.01	29.24	6.23	13	0.54	23.55	30	Pass
Band66	15	1745	QPSK	75	LOW	22.33	28.93	6.6	13	0.54	22.87	30	Pass
Band66	15	1745	QPSK	38	LOW	22.36	28.92	6.56	13	0.54	22.9	30	Pass
Band66	15	1745	QPSK	38	MID	22.37	28.96	6.59	13	0.54	22.91	30	Pass
Band66	15	1745	QPSK	38	HIGH	22.38	28.92	6.54	13	0.54	22.92	30	Pass
Band66	15	1745	QPSK	1	LOW	23.44	28.54	5.1	13	0.54	23.98	30	Pass
Band66	15	1745	QPSK	1	MID	23.38	28	4.62	13	0.54	23.92	30	Pass
Band66	15	1745	QPSK	1	HIGH	23.41	27.67	4.26	13	0.54	23.95	30	Pass
Band66	15	1745	16QAM	75	LOW	21.61	28.74	7.13	13	0.54	22.15	30	Pass
Band66	15	1745	16QAM	38	LOW	21.6	28.78	7.18	13	0.54	22.14	30	Pass
Band66	15	1745	16QAM	38	MID	21.61	28.76	7.15	13	0.54	22.15	30	Pass
Band66	15	1745	16QAM	38	HIGH	21.62	28.79	7.17	13	0.54	22.16	30	Pass
Band66	15	1745	16QAM	1	LOW	23.24	28.72	5.48	13	0.54	23.78	30	Pass
Band66	15	1745	16QAM	1	MID	23.14	27.62	4.48	13	0.54	23.68	30	Pass
Band66	15	1745	16QAM	1	HIGH	23.31	28	4.69	13	0.54	23.85	30	Pass
Band66	15	1772.5	QPSK	75	LOW	22.41	28.87	6.46	13	0.54	22.95	30	Pass
Band66	15	1772.5	QPSK	38	LOW	22.25	28.74	6.49	13	0.54	22.79	30	Pass
Band66	15	1772.5	QPSK	38	MID	22.25	28.69	6.44	13	0.54	22.79	30	Pass
Band66	15	1772.5	QPSK	38	HIGH	22.24	28.76	6.52	13	0.54	22.78	30	Pass
Band66	15	1772.5	QPSK	1	LOW	22.45	27.45	5	13	0.54	22.99	30	Pass
Band66	15	1772.5	QPSK	1	MID	22.35	27.27	4.92	13	0.54	22.89	30	Pass
Band66	15	1772.5	QPSK	1	HIGH	22.32	27.42	5.1	13	0.54	22.86	30	Pass
Band66	15	1772.5	16QAM	75	LOW	21.5	28.59	7.09	13	0.54	22.04	30	Pass
Band66	15	1772.5	16QAM	38	LOW	21.61	28.7	7.09	13	0.54	22.15	30	Pass
Band66	15	1772.5	16QAM	38	MID	21.61	28.69	7.08	13	0.54	22.15	30	Pass
Band66	15	1772.5	16QAM	38	HIGH	21.62	28.73	7.11	13	0.54	22.16	30	Pass
Band66	15	1772.5	16QAM	1	LOW	23.1	28.3	5.2	13	0.54	23.64	30	Pass
Band66	15	1772.5	16QAM	1	MID	22.99	27.6	4.61	13	0.54	23.53	30	Pass
Band66	15	1772.5	16QAM	1	HIGH	22.96	28.29	5.33	13	0.54	23.5	30	Pass
Band66	20	1720	QPSK	100	LOW	22.49	29.06	6.57	13	0.54	23.03	30	Pass
Band66	20	1720	QPSK	50	LOW	22.64	28.84	6.2	13	0.54	23.18	30	Pass
Band66	20	1720	QPSK	50	MID	22.64	28.86	6.22	13	0.54	23.18	30	Pass
Band66	20	1720	QPSK	50	HIGH	22.64	29.12	6.48	13	0.54	23.18	30	Pass
Band66	20	1720	QPSK	1	LOW	23.71	28.36	4.65	13	0.54	24.25	30	Pass
Band66	20	1720	QPSK	1	MID	23.71	28.83	5.12	13	0.54	24.25	30	Pass
Band66	20	1720	QPSK	1	HIGH	23.78	29.1	5.32	13	0.54	24.32	30	Pass
Band66	20	1720	16QAM	100	LOW	21.76	29.88	8.12	13	0.54	22.3	30	Pass
Band66	20	1720	16QAM	50	LOW	21.72	29.23	7.51	13	0.54	22.26	30	Pass
Band66	20	1720	16QAM	50	MID	21.73	29.24	7.51	13	0.54	22.27	30	Pass
Band66	20	1720	16QAM	50	HIGH	21.79	29.6	7.81	13	0.54	22.33	30	Pass
Band66	20	1720	16QAM	1	LOW	22.56	28.73	6.17	13	0.54	23.1	30	Pass
Band66	20	1720	16QAM	1	MID	22.68	28.45	5.77	13	0.54	23.22	30	Pass
Band66	20	1720	16QAM	1	HIGH	22.58	29.26	6.68	13	0.54	23.12	30	Pass

Band66	20	1745	QPSK	100	LOW	22.45	28.91	6.46	13	0.54	22.99	30	Pass
Band66	20	1745	QPSK	50	LOW	22.38	28.53	6.15	13	0.54	22.92	30	Pass
Band66	20	1745	QPSK	50	MID	22.39	28.56	6.17	13	0.54	22.93	30	Pass
Band66	20	1745	QPSK	50	HIGH	22.39	28.09	5.7	13	0.54	22.93	30	Pass
Band66	20	1745	QPSK	1	LOW	23.85	29.31	5.46	13	0.54	24.39	30	Pass
Band66	20	1745	QPSK	1	MID	23.75	27.99	4.24	13	0.54	24.29	30	Pass
Band66	20	1745	QPSK	1	HIGH	23.78	28.51	4.73	13	0.54	24.32	30	Pass
Band66	20	1745	16QAM	100	LOW	21.57	28.85	7.28	13	0.54	22.11	30	Pass
Band66	20	1745	16QAM	50	LOW	21.61	28.6	6.99	13	0.54	22.15	30	Pass
Band66	20	1745	16QAM	50	MID	21.62	28.65	7.03	13	0.54	22.16	30	Pass
Band66	20	1745	16QAM	50	HIGH	21.55	28.28	6.73	13	0.54	22.09	30	Pass
Band66	20	1745	16QAM	1	LOW	22.61	28.89	6.28	13	0.54	23.15	30	Pass
Band66	20	1745	16QAM	1	MID	22.65	28.23	5.58	13	0.54	23.19	30	Pass
Band66	20	1745	16QAM	1	HIGH	22.57	27.9	5.33	13	0.54	23.11	30	Pass
Band66	20	1770	QPSK	100	LOW	22.46	28.79	6.33	13	0.54	23	30	Pass
Band66	20	1770	QPSK	50	LOW	22.38	28.01	5.63	13	0.54	22.92	30	Pass
Band66	20	1770	QPSK	50	MID	22.39	28.02	5.63	13	0.54	22.93	30	Pass
Band66	20	1770	QPSK	50	HIGH	22.28	28.3	6.02	13	0.54	22.82	30	Pass
Band66	20	1770	QPSK	1	LOW	22.8	28.01	5.21	13	0.54	23.34	30	Pass
Band66	20	1770	QPSK	1	MID	22.44	27.43	4.99	13	0.54	22.98	30	Pass
Band66	20	1770	QPSK	1	HIGH	22.88	28.05	5.17	13	0.54	23.42	30	Pass
Band66	20	1770	16QAM	100	LOW	21.68	28.85	7.17	13	0.54	22.22	30	Pass
Band66	20	1770	16QAM	50	LOW	21.63	28.1	6.47	13	0.54	22.17	30	Pass
Band66	20	1770	16QAM	50	MID	21.56	28.15	6.59	13	0.54	22.1	30	Pass
Band66	20	1770	16QAM	50	HIGH	21.57	28.47	6.9	13	0.54	22.11	30	Pass
Band66	20	1770	16QAM	1	LOW	23.2	28.08	4.88	13	0.54	23.74	30	Pass
Band66	20	1770	16QAM	1	MID	23	27.75	4.75	13	0.54	23.54	30	Pass
Band66	20	1770	16QAM	1	HIGH	23	28.62	5.62	13	0.54	23.54	30	Pass