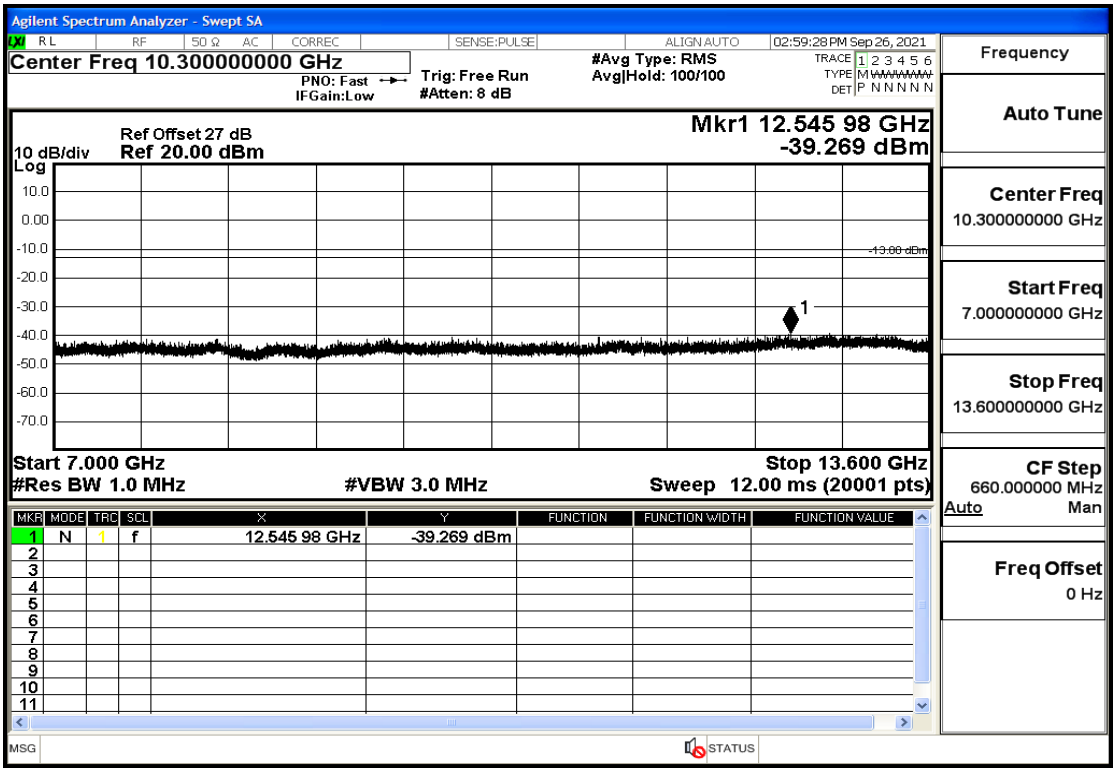
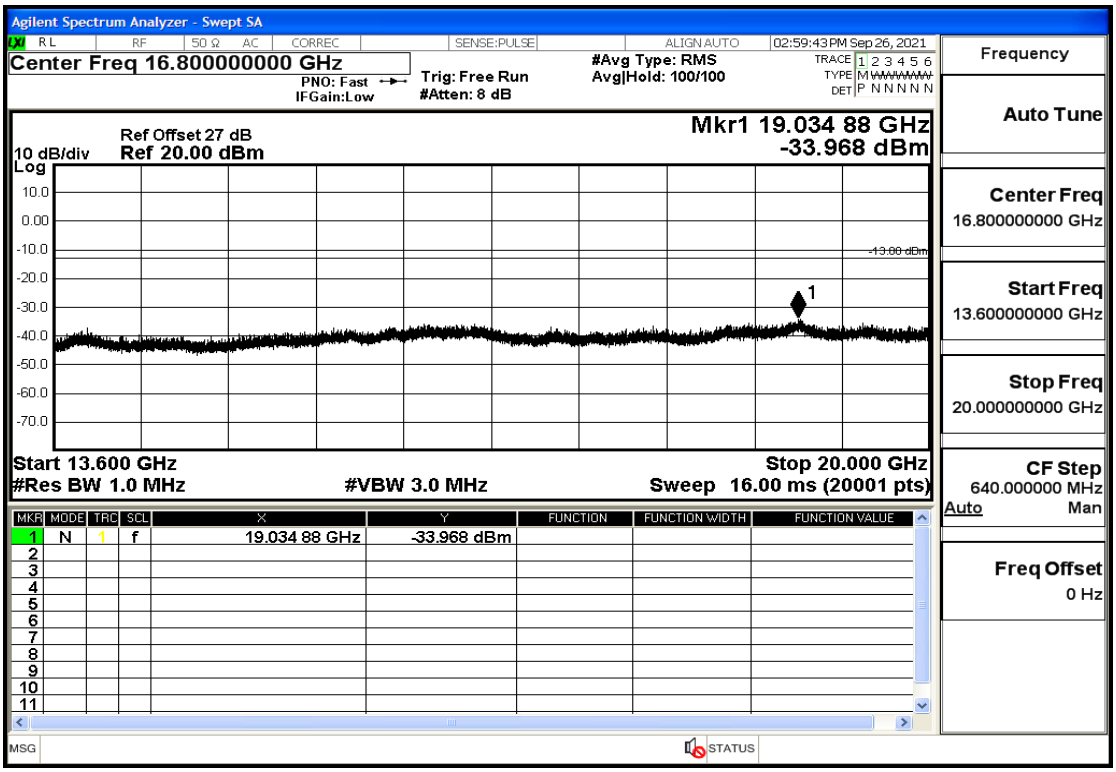
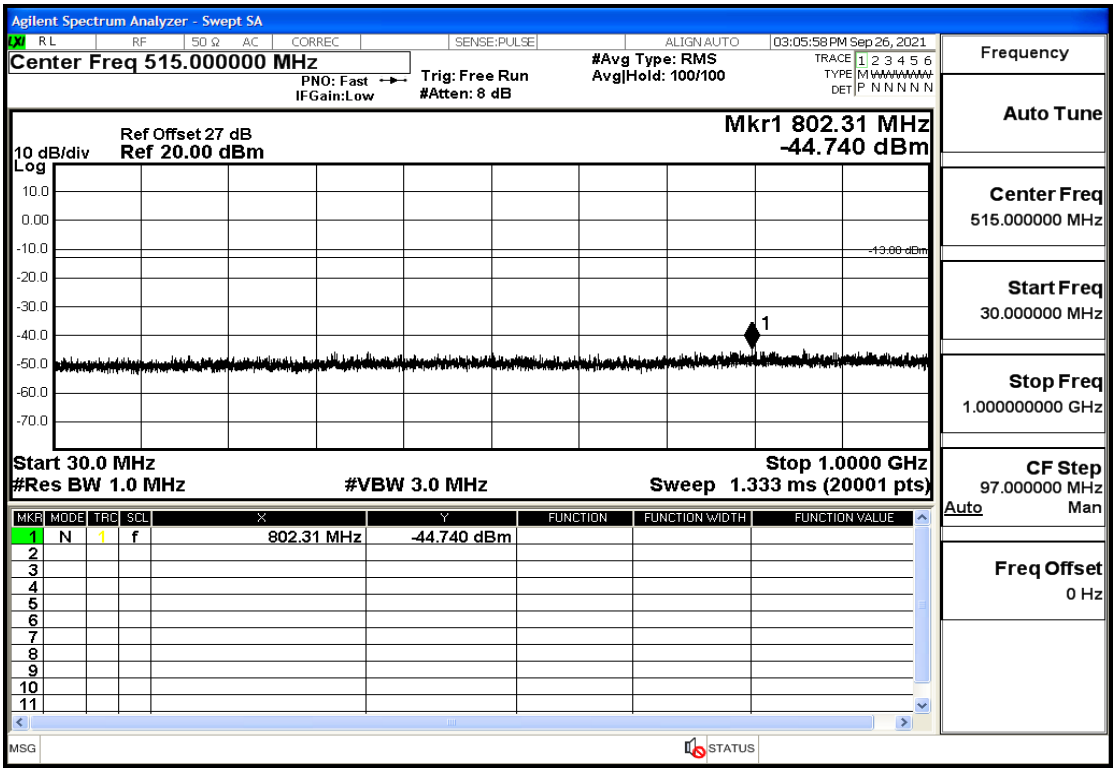
OB66-15-1772.5-QPSK-1#74@7GHz-13.6GHz@Pass



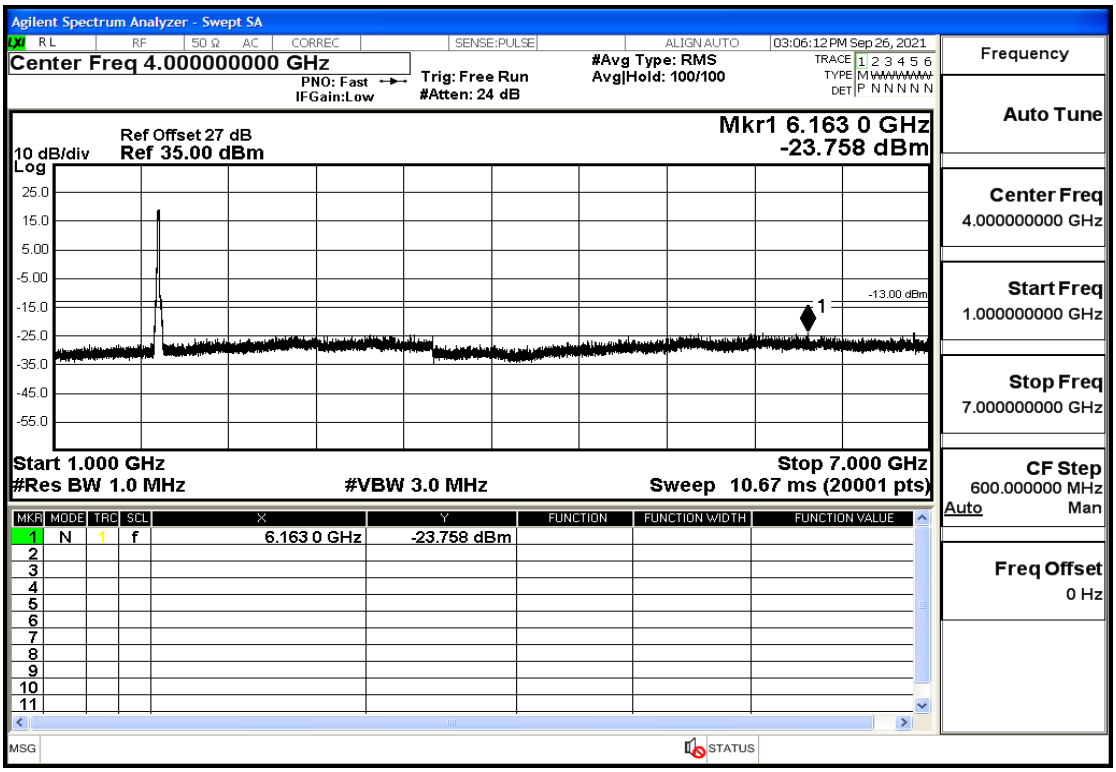
OB66-15-1772.5-QPSK-1#74@13.6GHz-20GHz@Pass



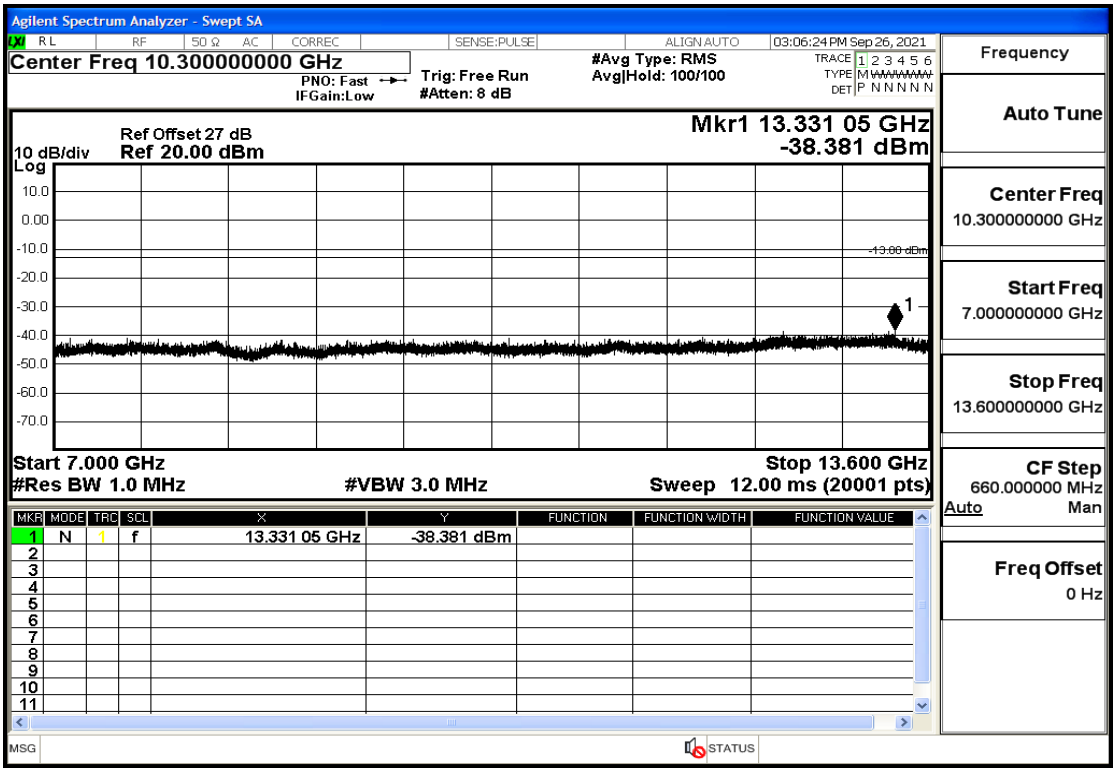
OB66-20-1720-QPSK-100#0@30mHz-1GHz@Pass



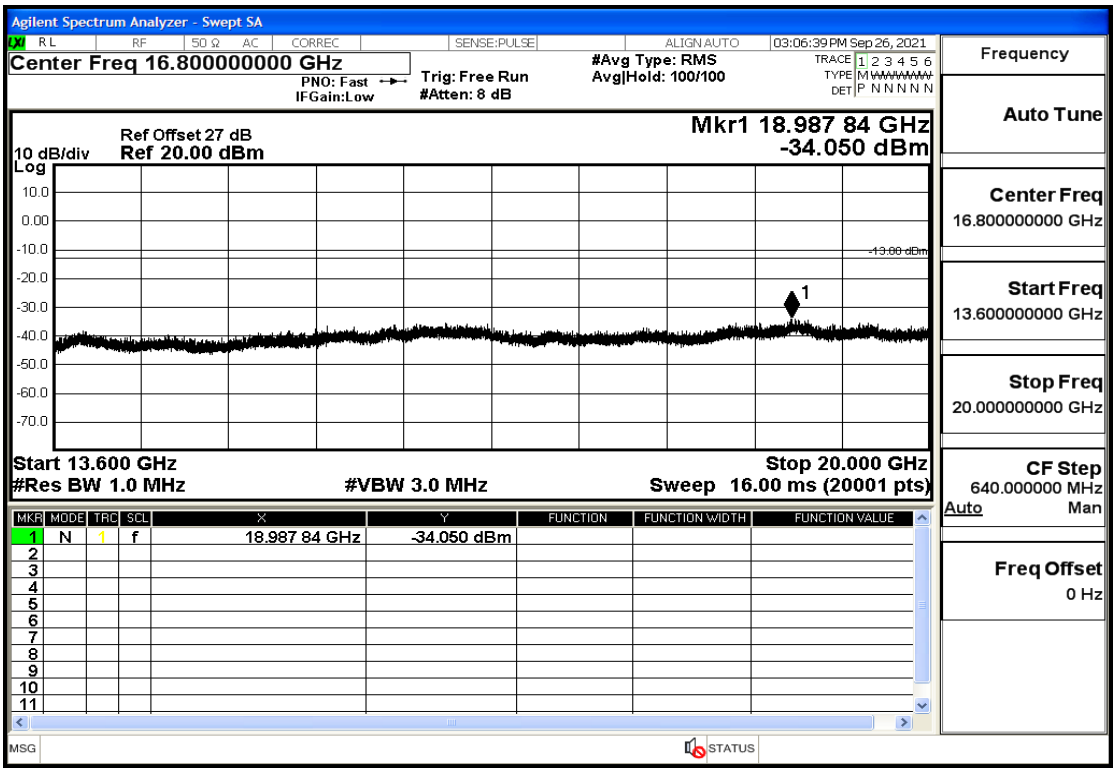
OB66-20-1720-QPSK-100#0@1GHz-7GHz@Pass



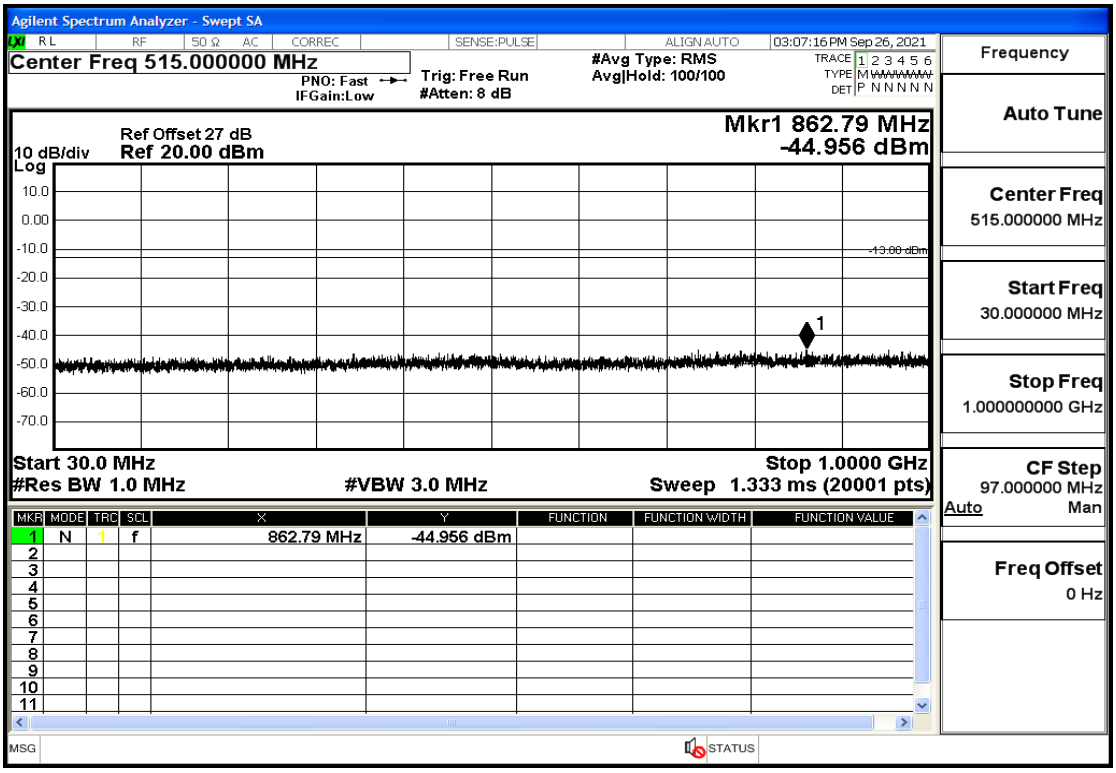
OB66-20-1720-QPSK-100#0@7GHz-13.6GHz@Pass



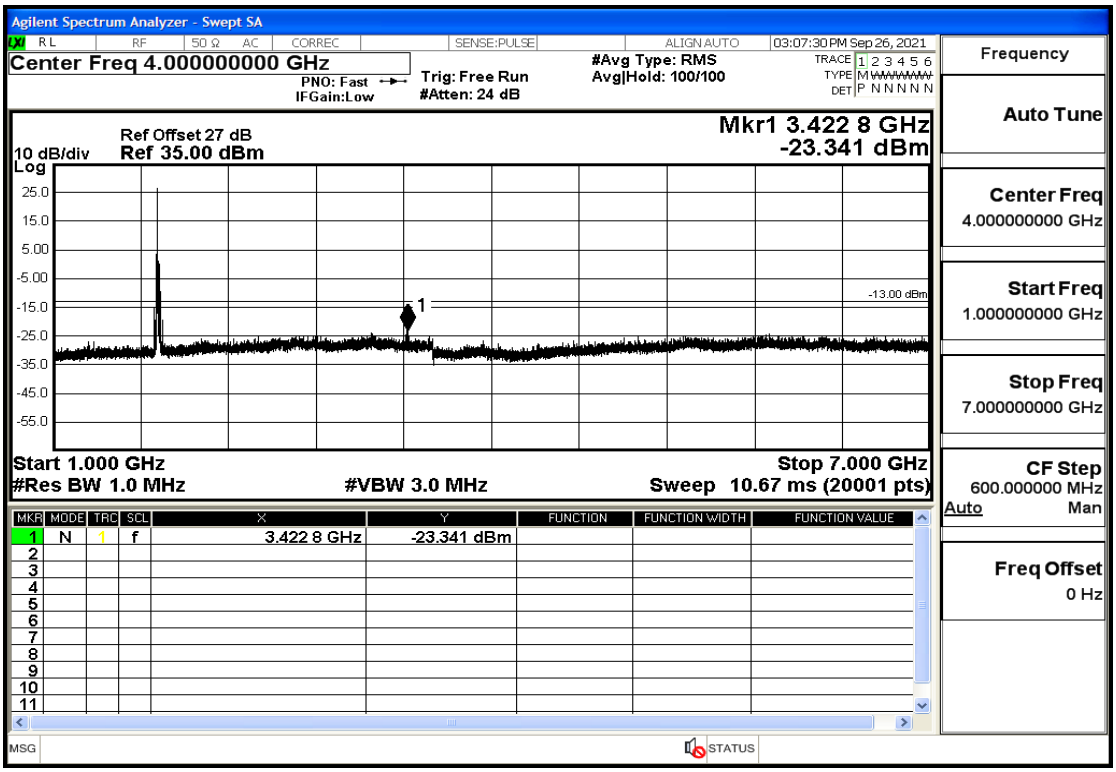
OB66-20-1720-QPSK-100#0@13.6GHz-20GHz@Pass



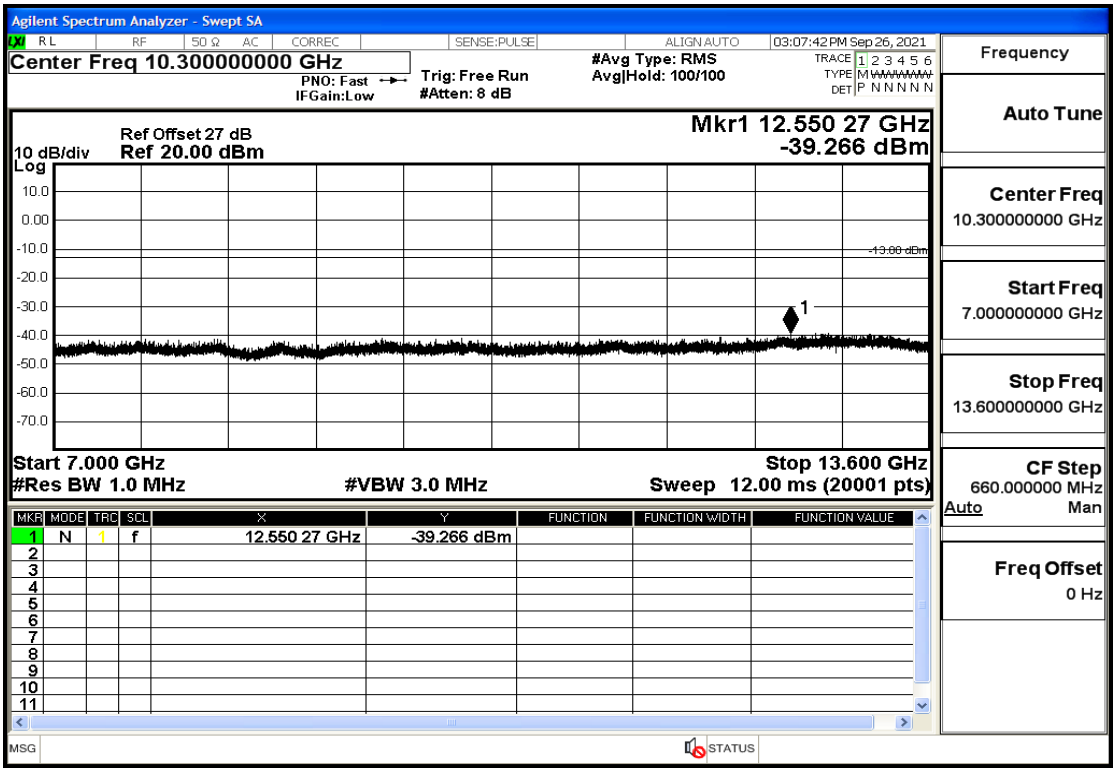
OB66-20-1720-QPSK-1#0@30mHz-1GHz@Pass



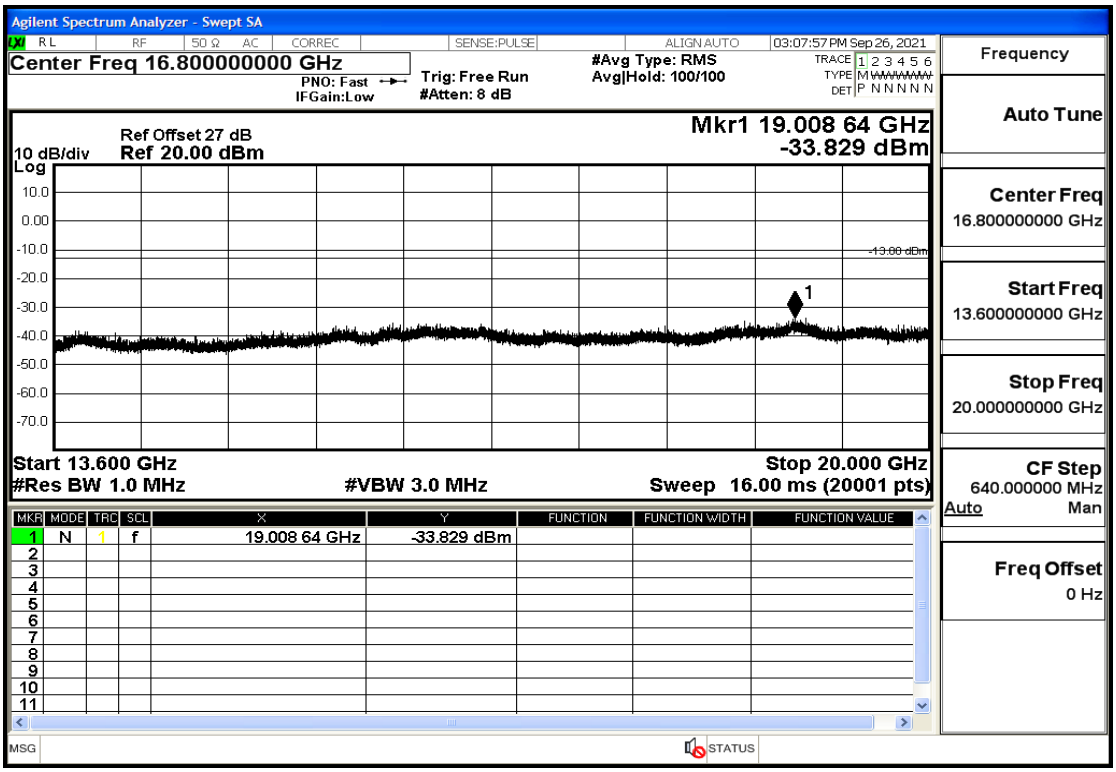
OB66-20-1720-QPSK-1#0@1GHz-7GHz@Pass



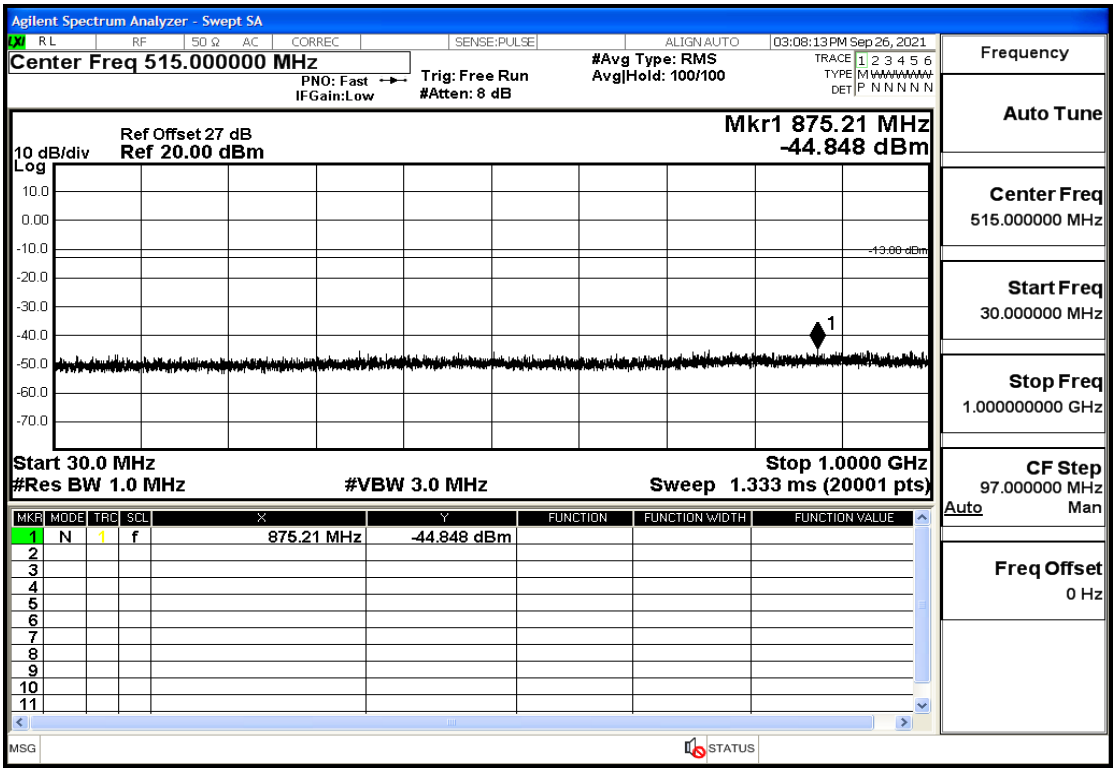
OB66-20-1720-QPSK-1#0@7GHz-13.6GHz@Pass



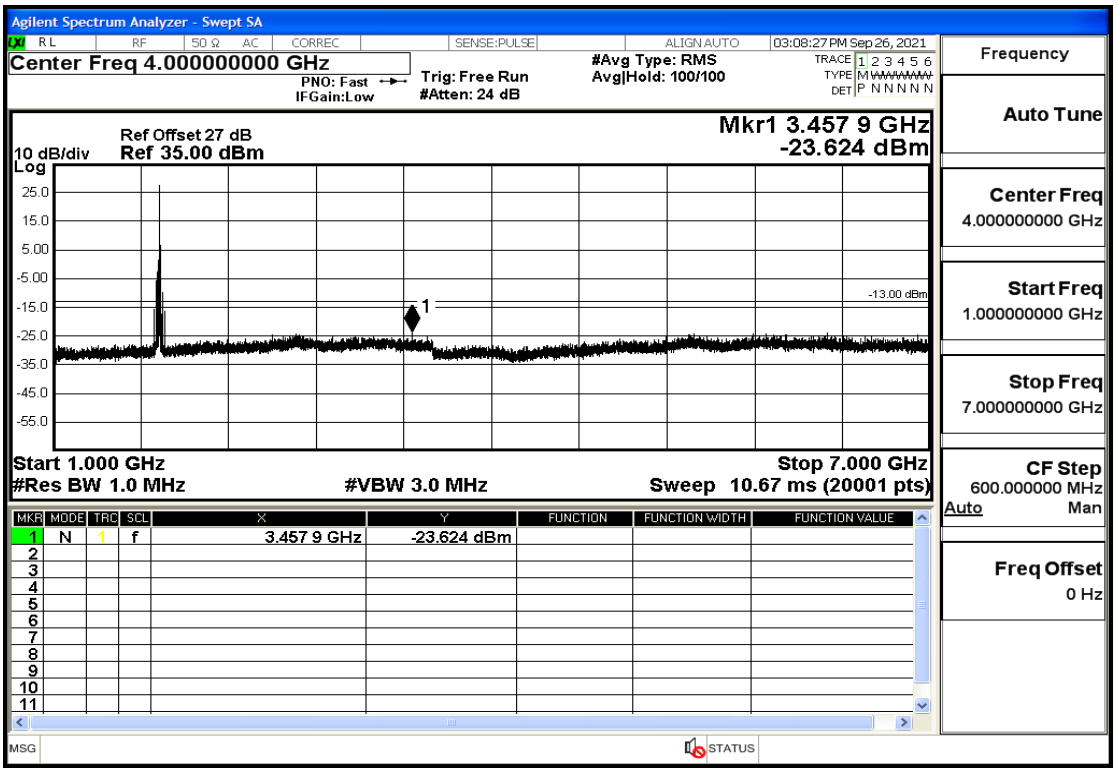
OB66-20-1720-QPSK-1#0@13.6GHz-20GHz@Pass



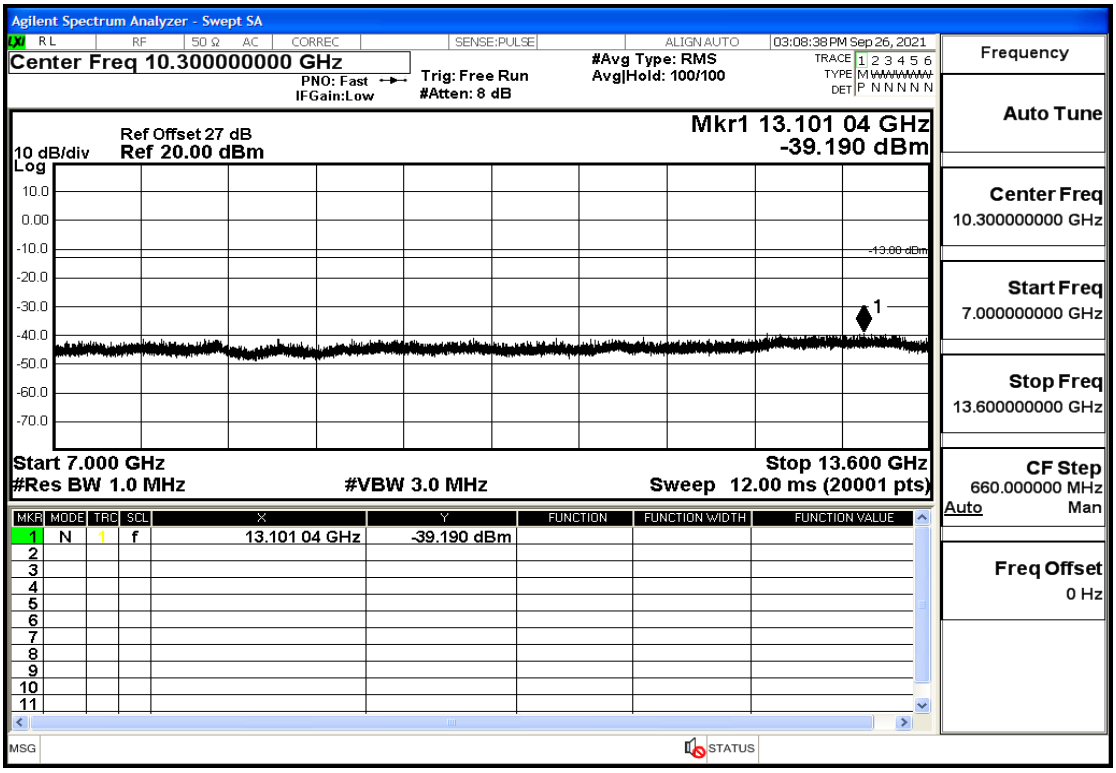
OB66-20-1720-QPSK-1#99@30mHz-1GHz@Pass



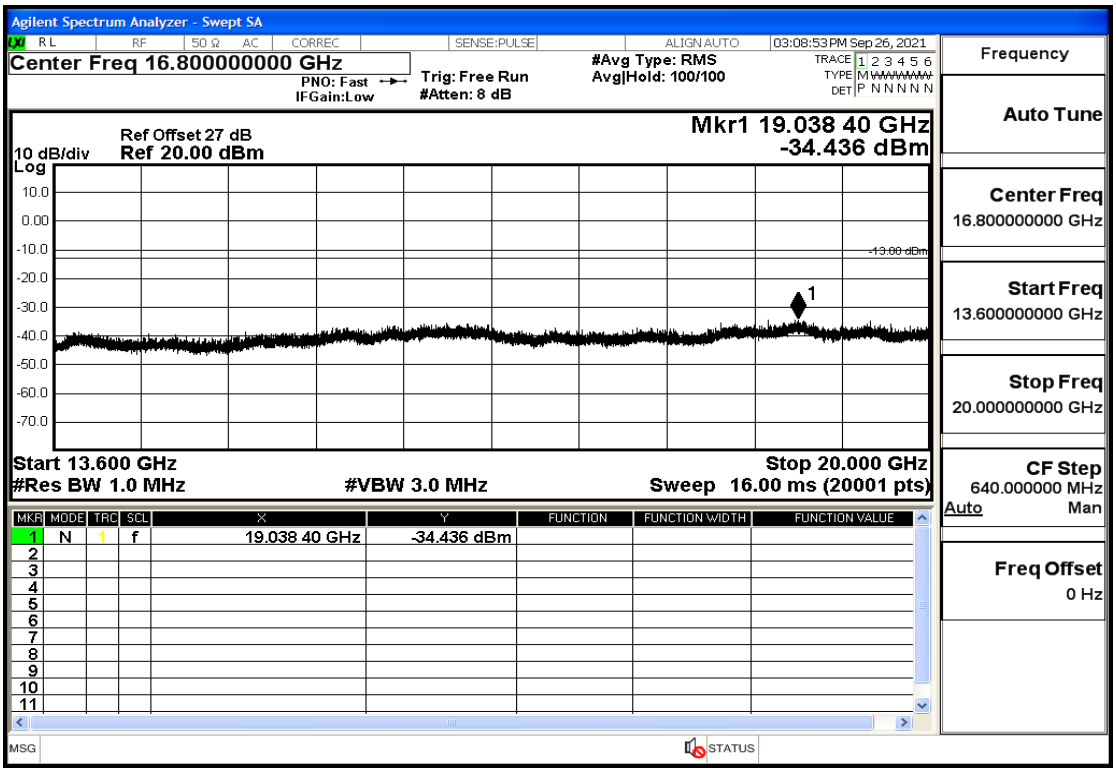
OB66-20-1720-QPSK-1#99@1GHz-7GHz@Pass



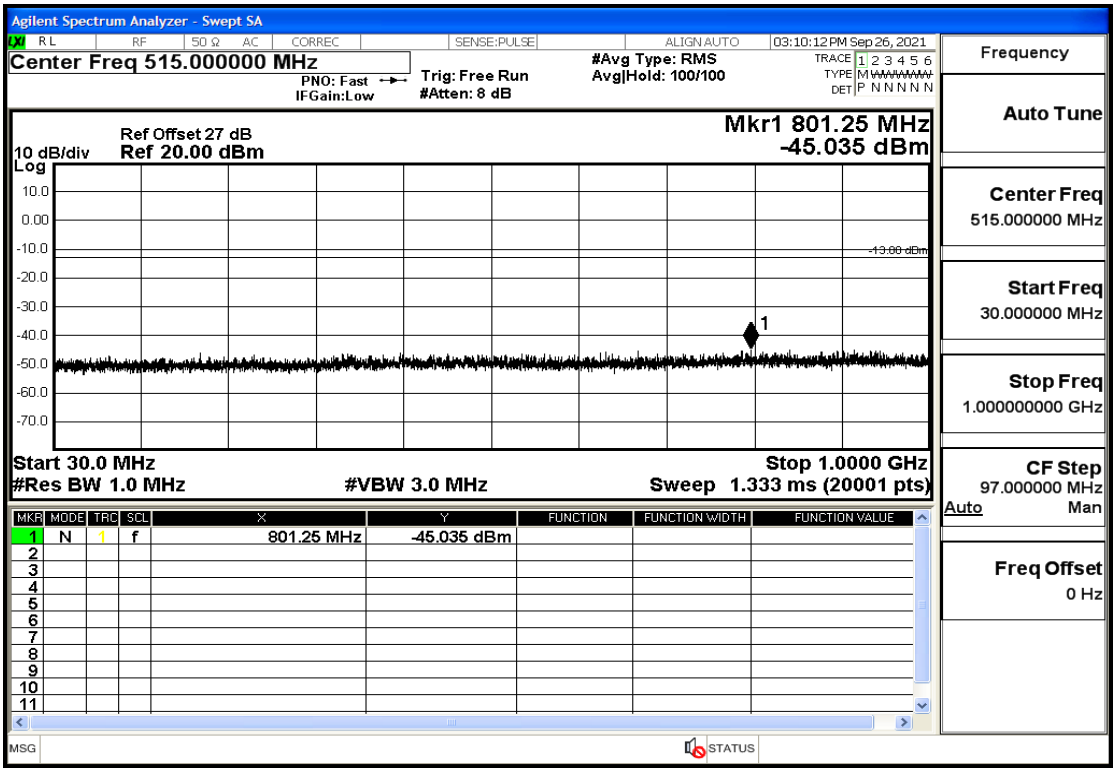
OB66-20-1720-QPSK-1#99@7GHz-13.6GHz@Pass



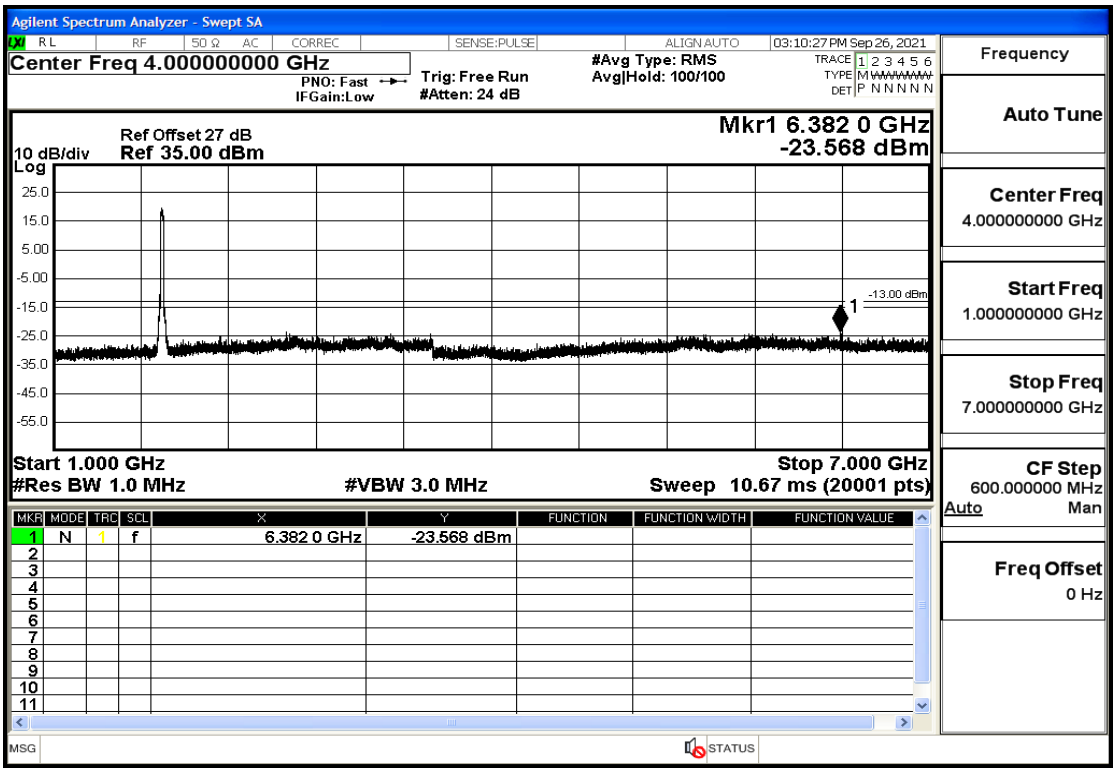
OB66-20-1720-QPSK-1#99@13.6GHz-20GHz@Pass



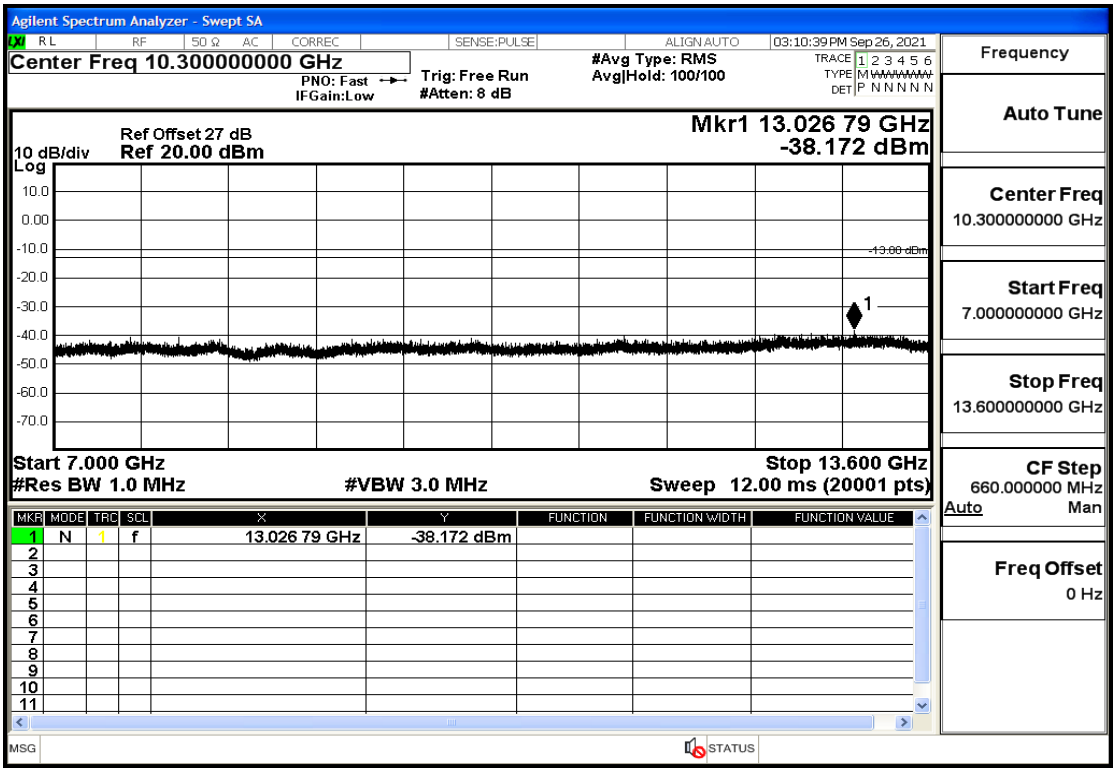
OB66-20-1745-QPSK-100#0@30mHz-1GHz@Pass



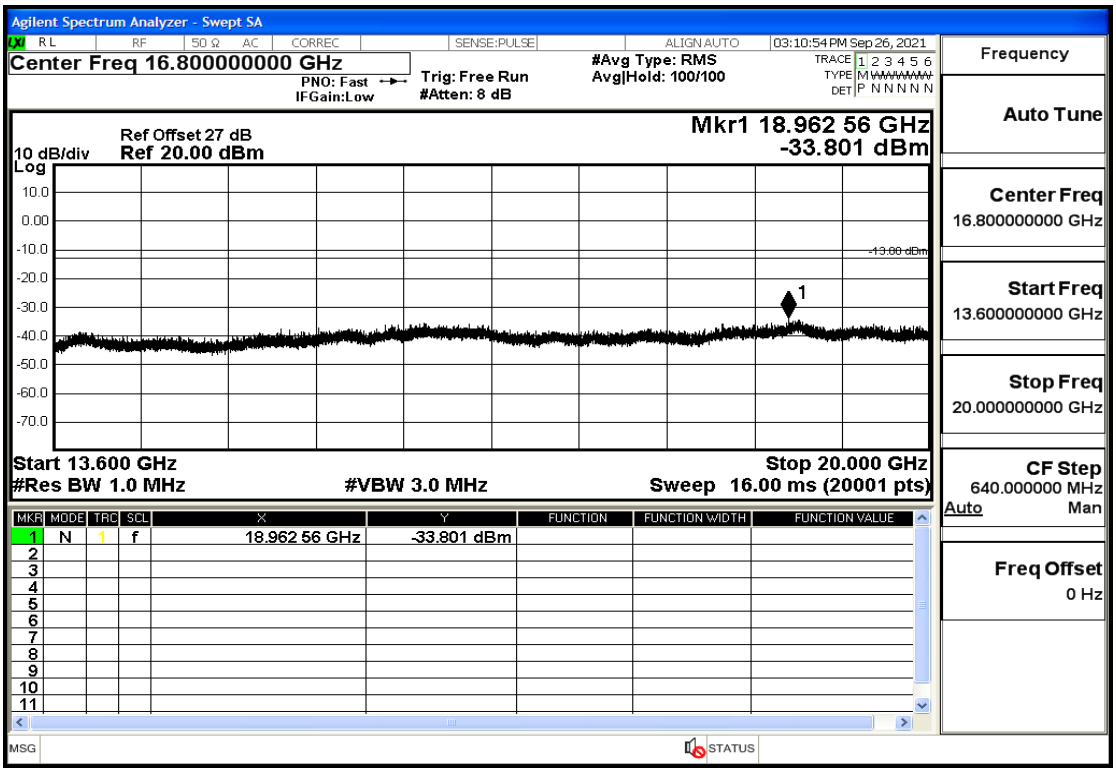
OB66-20-1745-QPSK-100#0@1GHz-7GHz@Pass



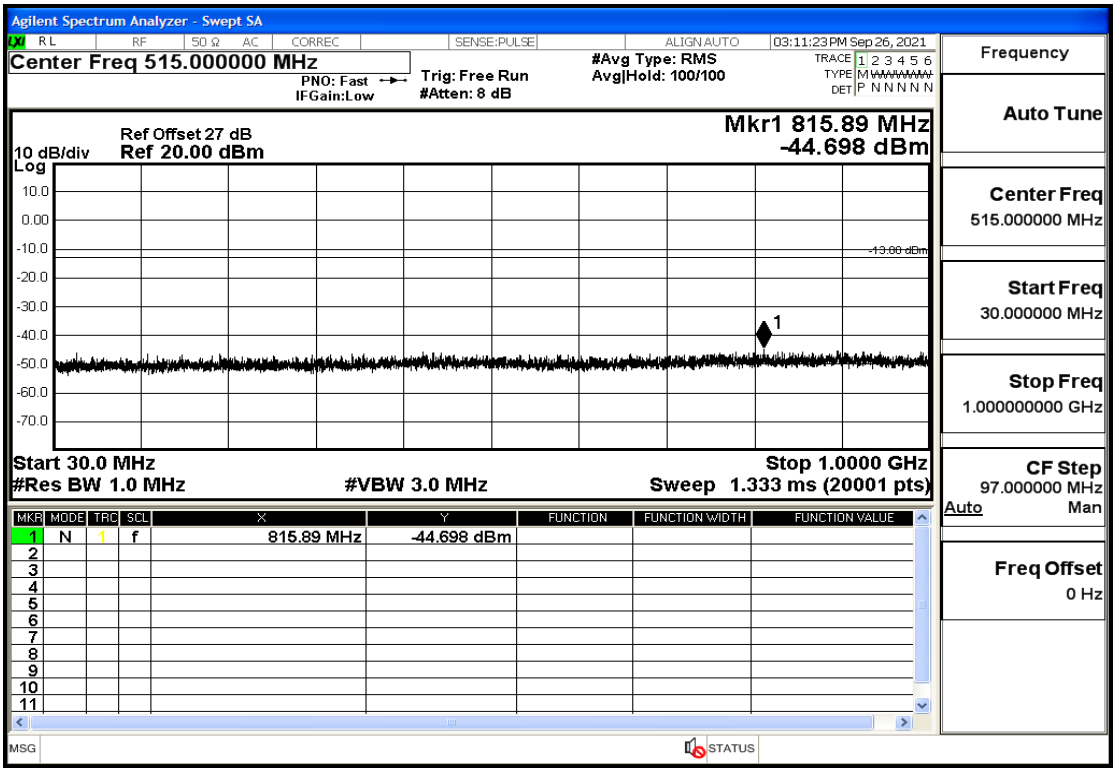
OB66-20-1745-QPSK-100#0@7GHz-13.6GHz@Pass



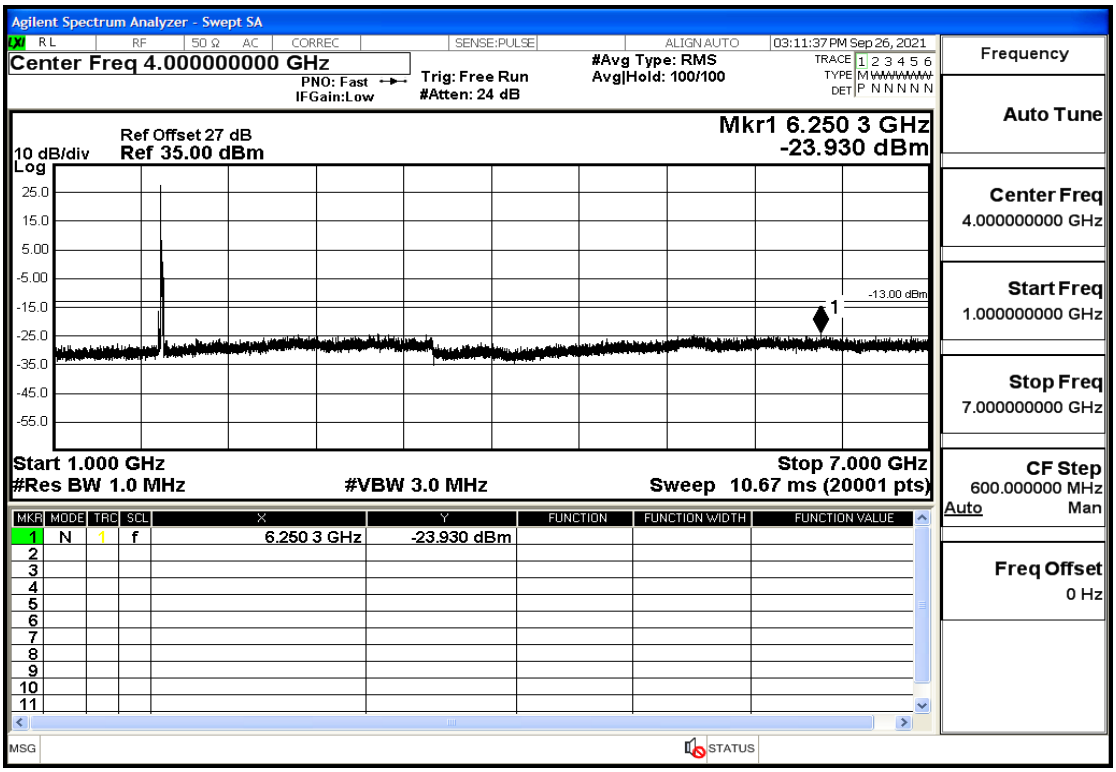
OB66-20-1745-QPSK-100#0@13.6GHz-20GHz@Pass



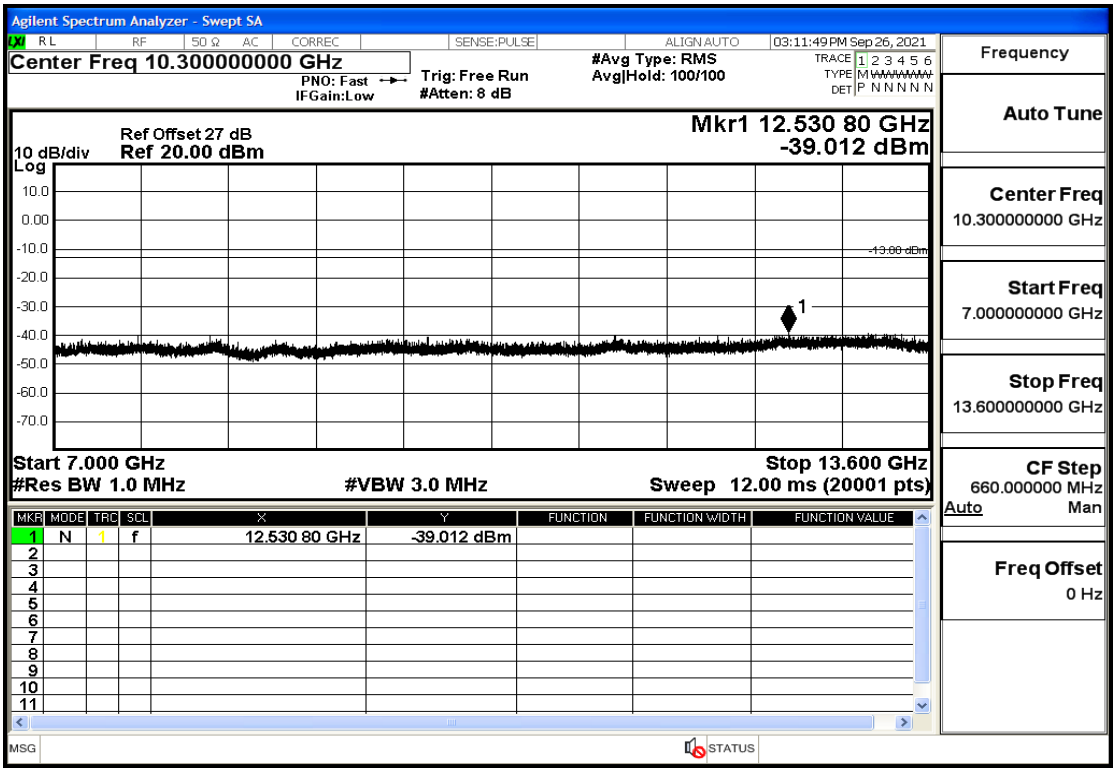
OB66-20-1745-QPSK-1#0@30mHz-1GHz@Pass



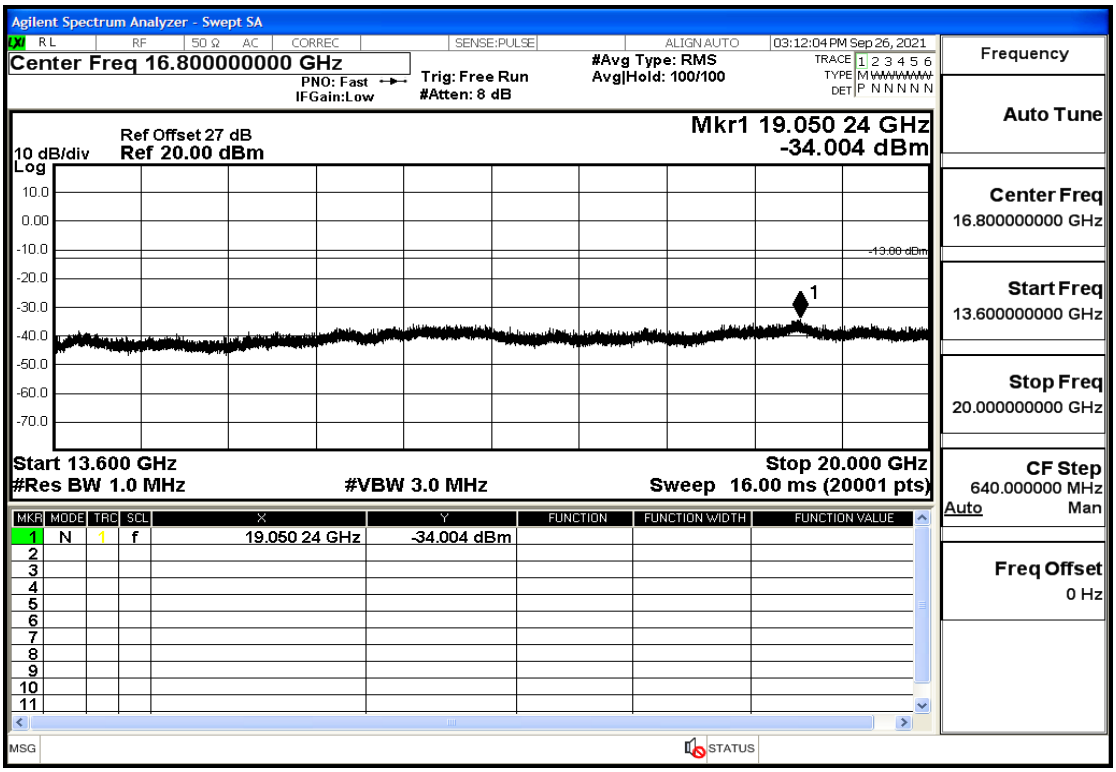
OB66-20-1745-QPSK-1#0@1GHz-7GHz@Pass



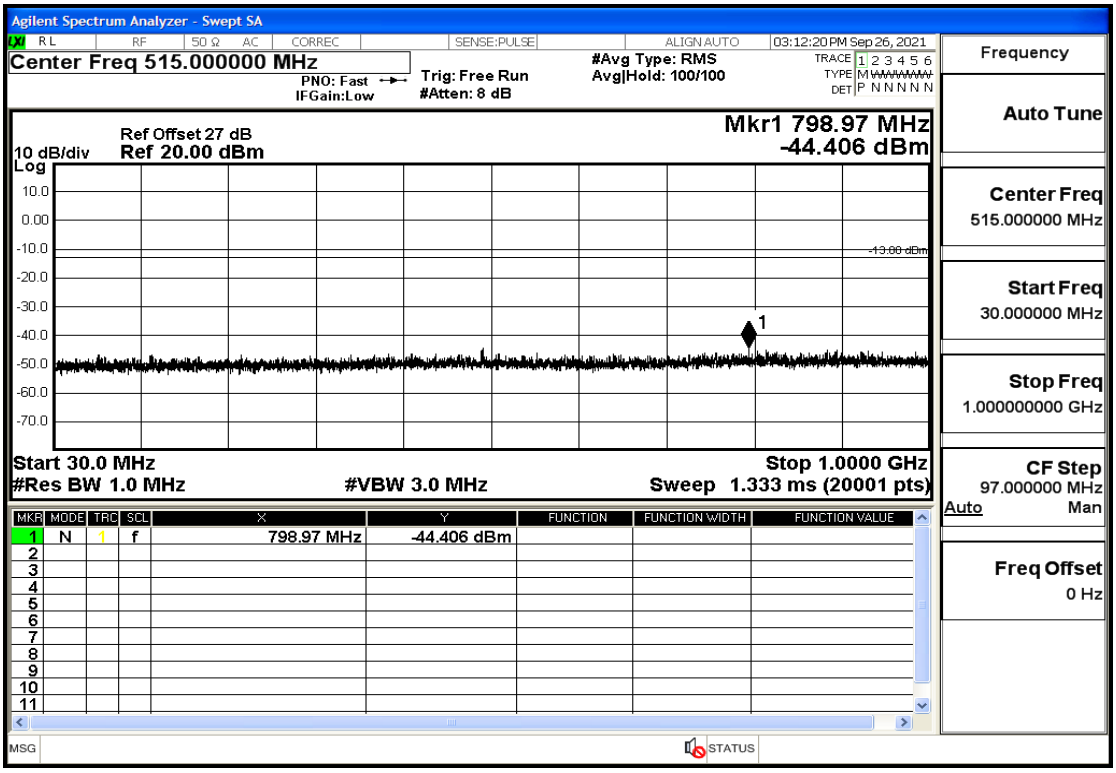
OB66-20-1745-QPSK-1#0@7GHz-13.6GHz@Pass



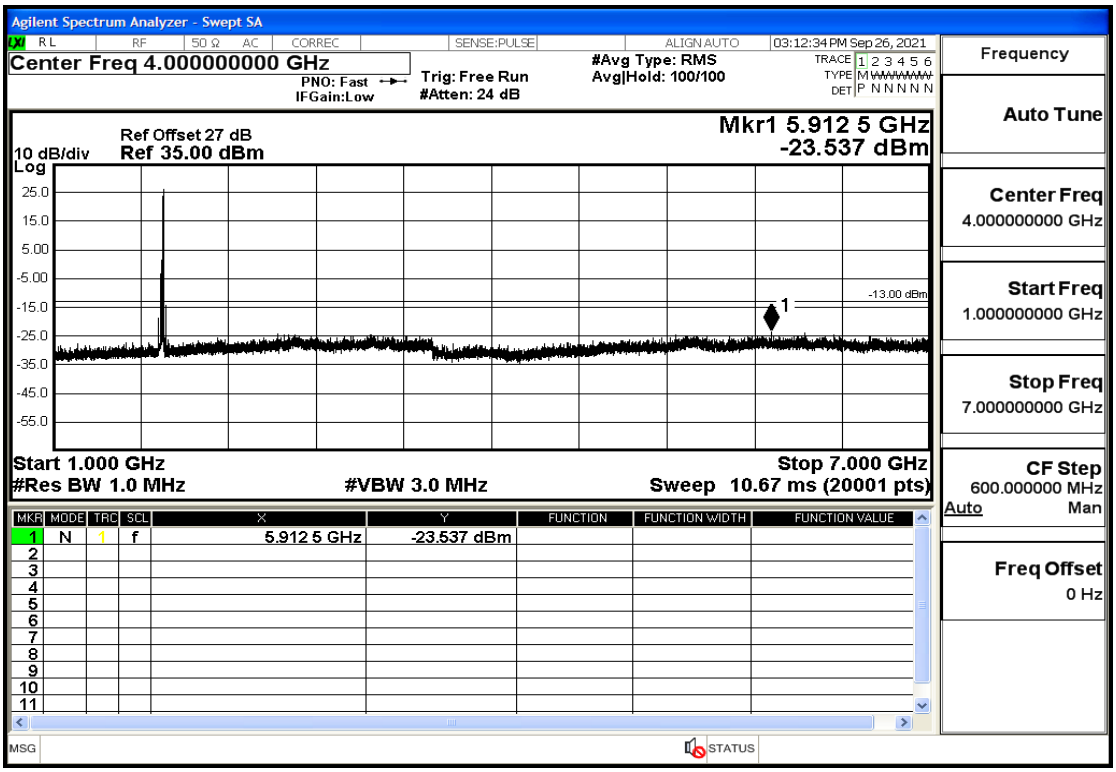
OB66-20-1745-QPSK-1#0@13.6GHz-20GHz@Pass



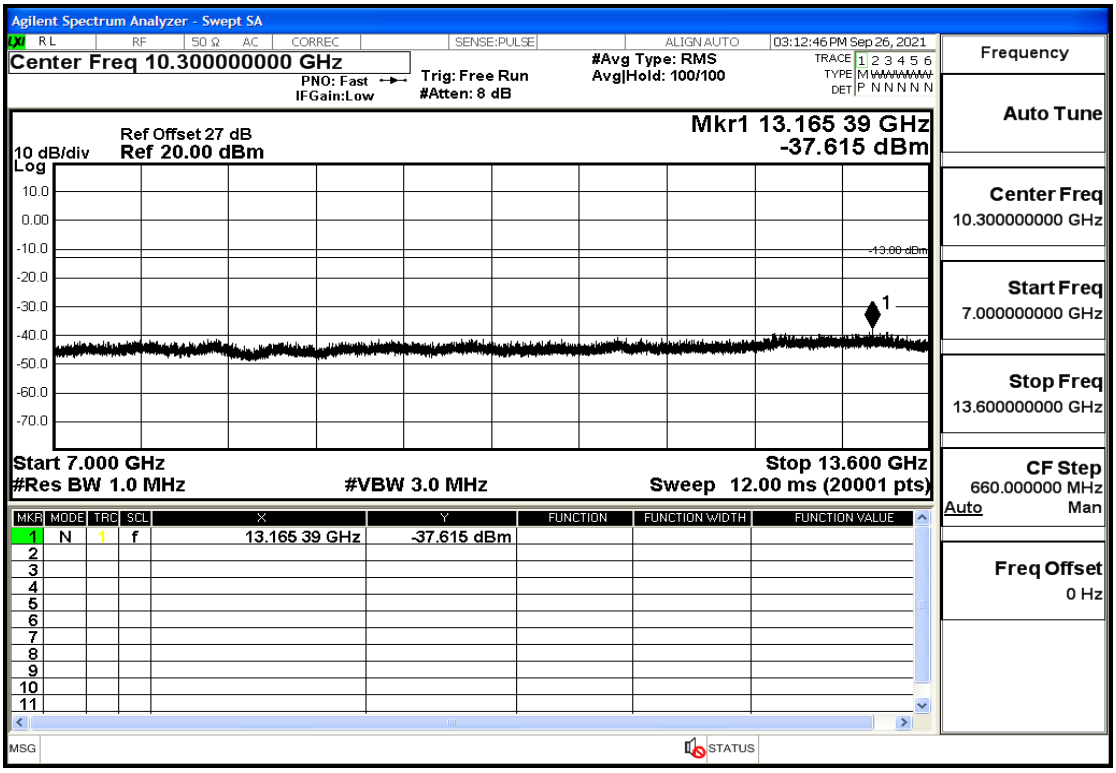
OB66-20-1745-QPSK-1#99@30mHz-1GHz@Pass



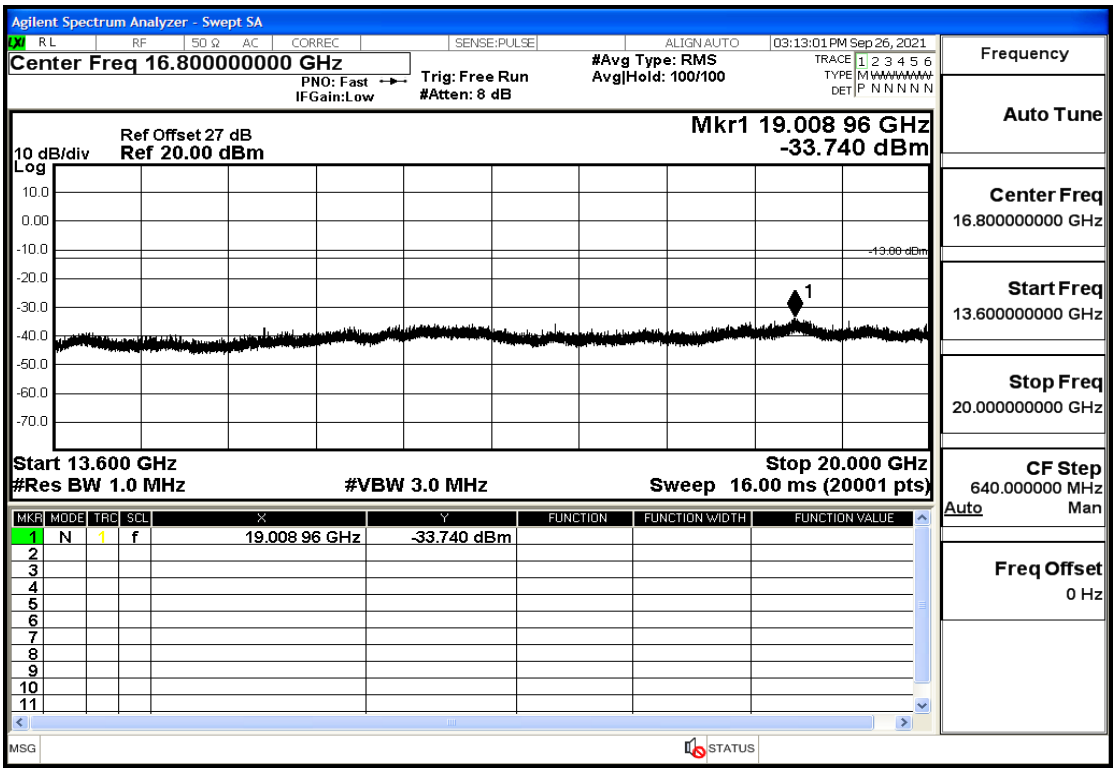
OB66-20-1745-QPSK-1#99@1GHz-7GHz@Pass



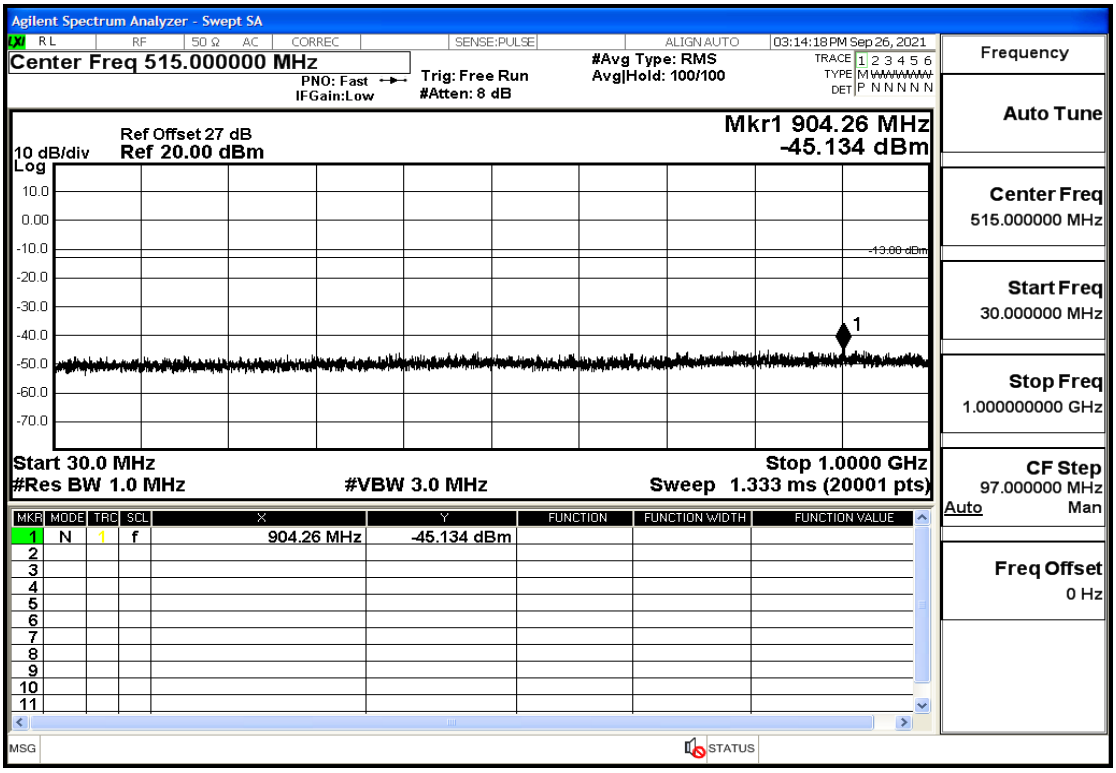
OB66-20-1745-QPSK-1#99@7GHz-13.6GHz@Pass



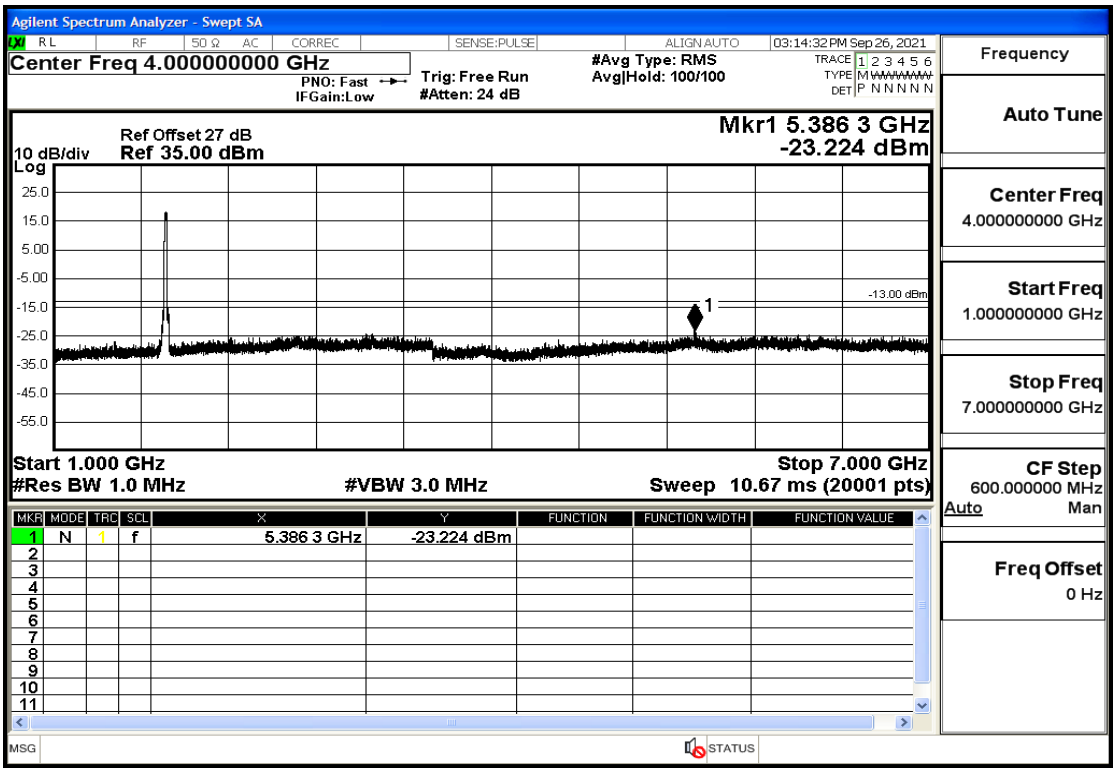
OB66-20-1745-QPSK-1#99@13.6GHz-20GHz@Pass



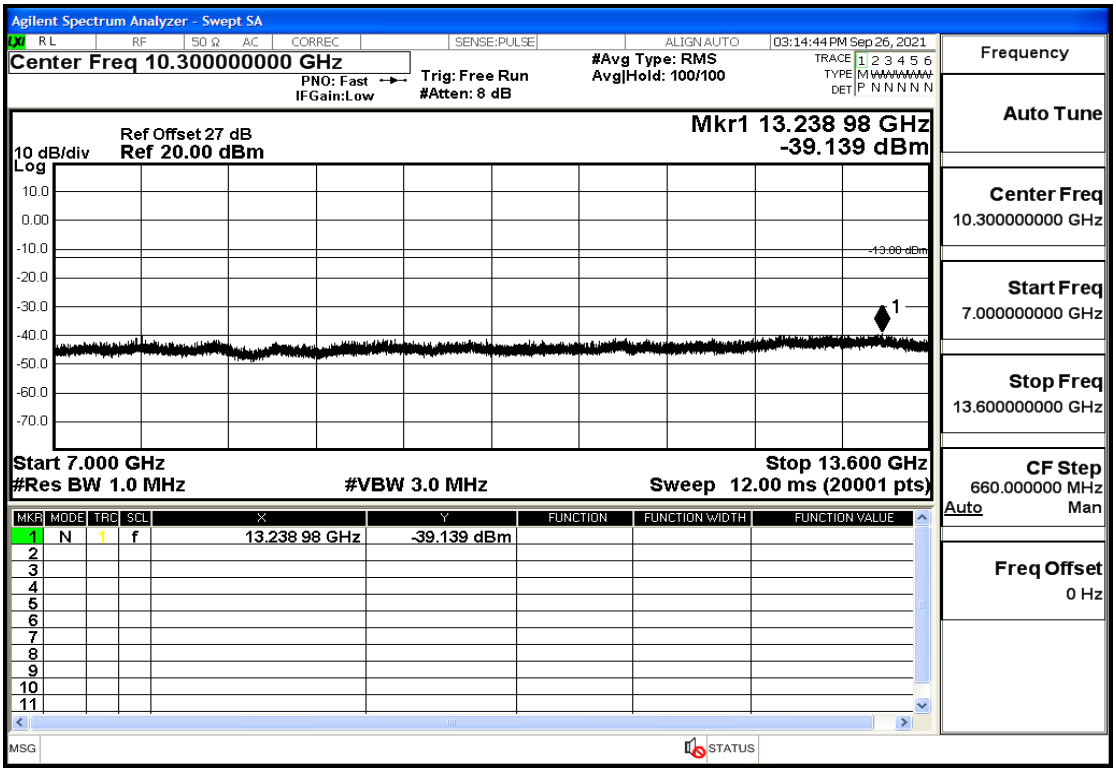
OB66-20-1770-QPSK-100#0@30mHz-1GHz@Pass



OB66-20-1770-QPSK-100#0@1GHz-7GHz@Pass



OB66-20-1770-QPSK-100#0@7GHz-13.6GHz@Pass



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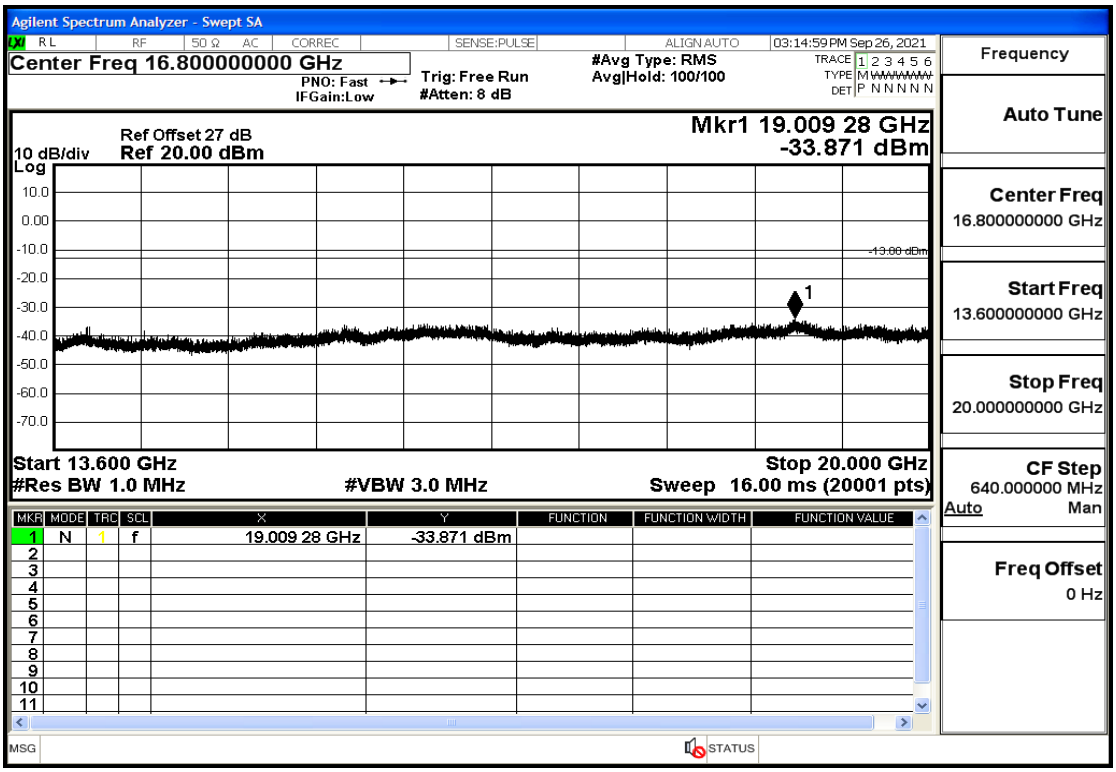
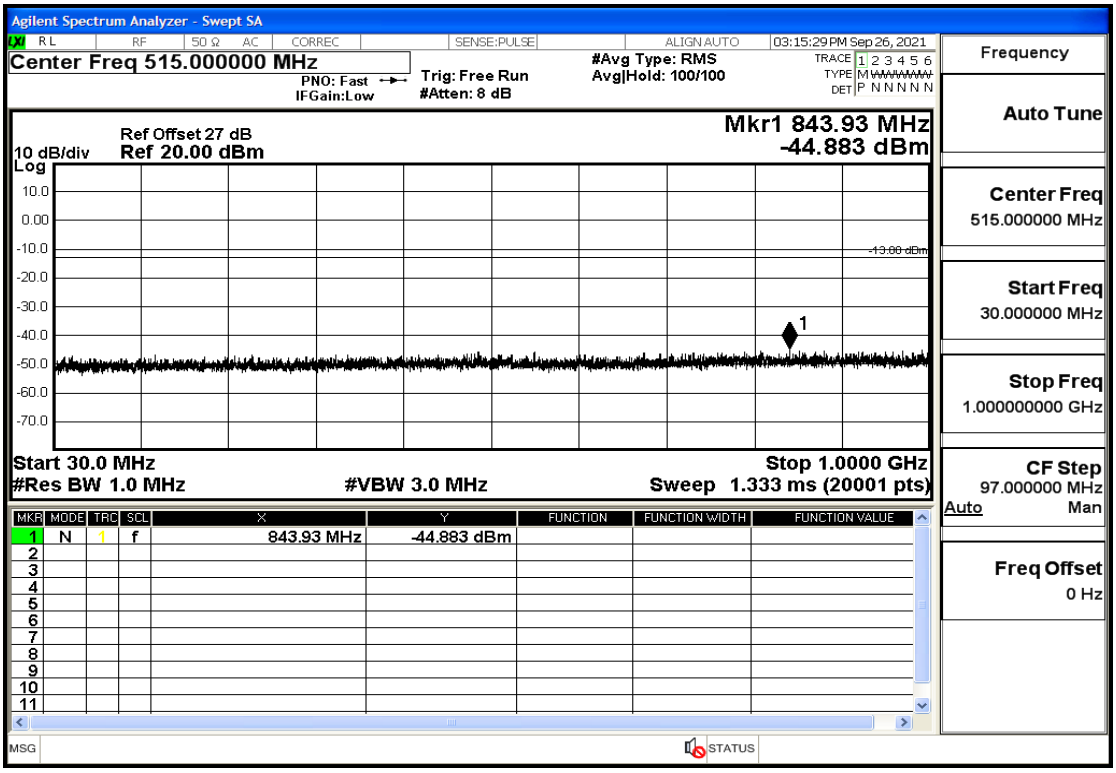
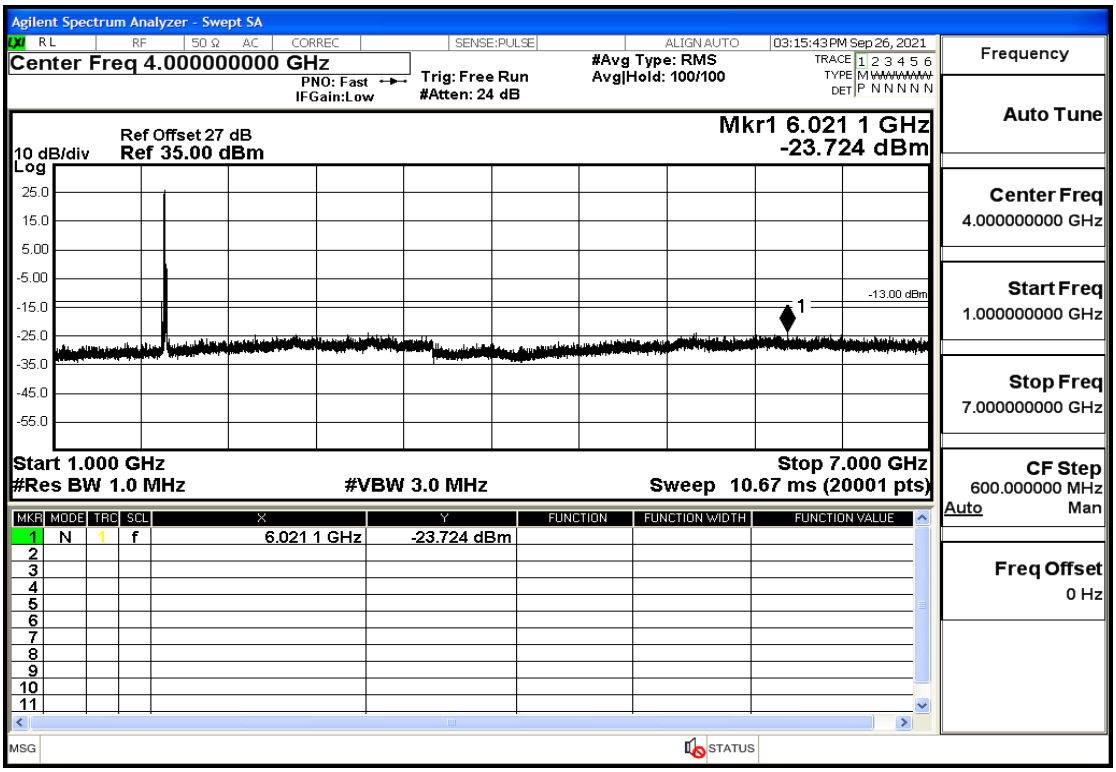


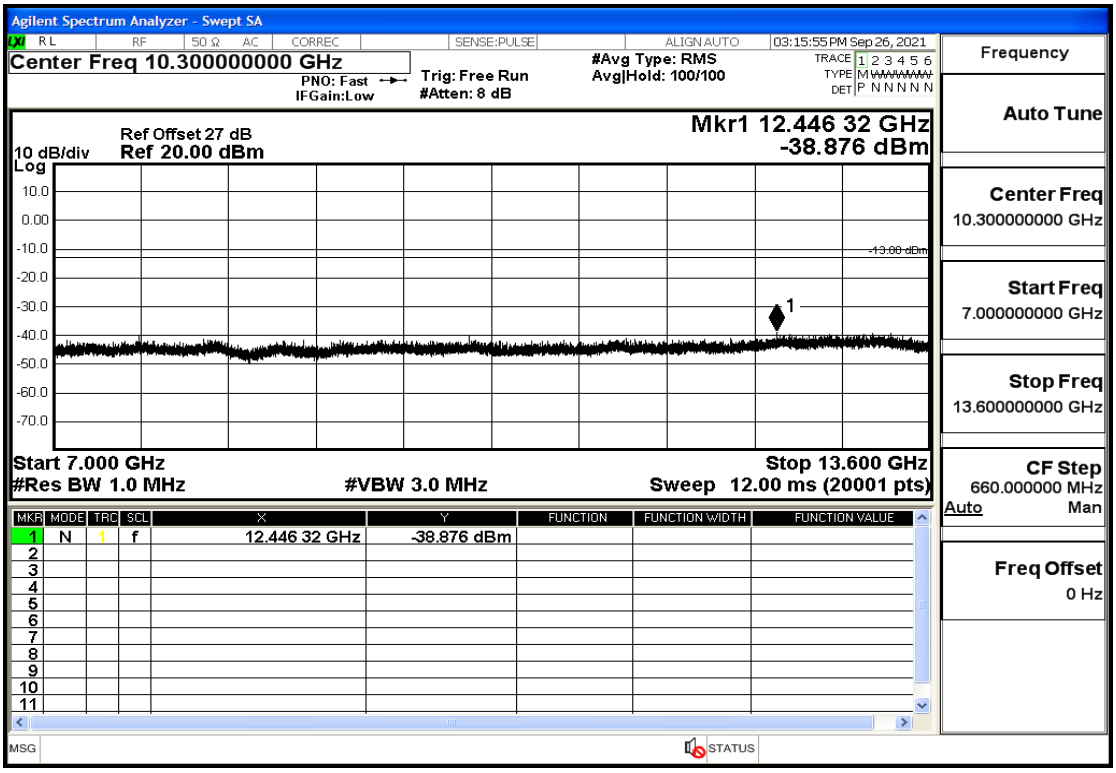
OB66-20-1770-QPSK-1#0@30mHz-1GHz@Pass



OB66-20-1770-QPSK-1#0@1GHz-7GHz@Pass



OB66-20-1770-QPSK-1#0@7GHz-13.6GHz@Pass



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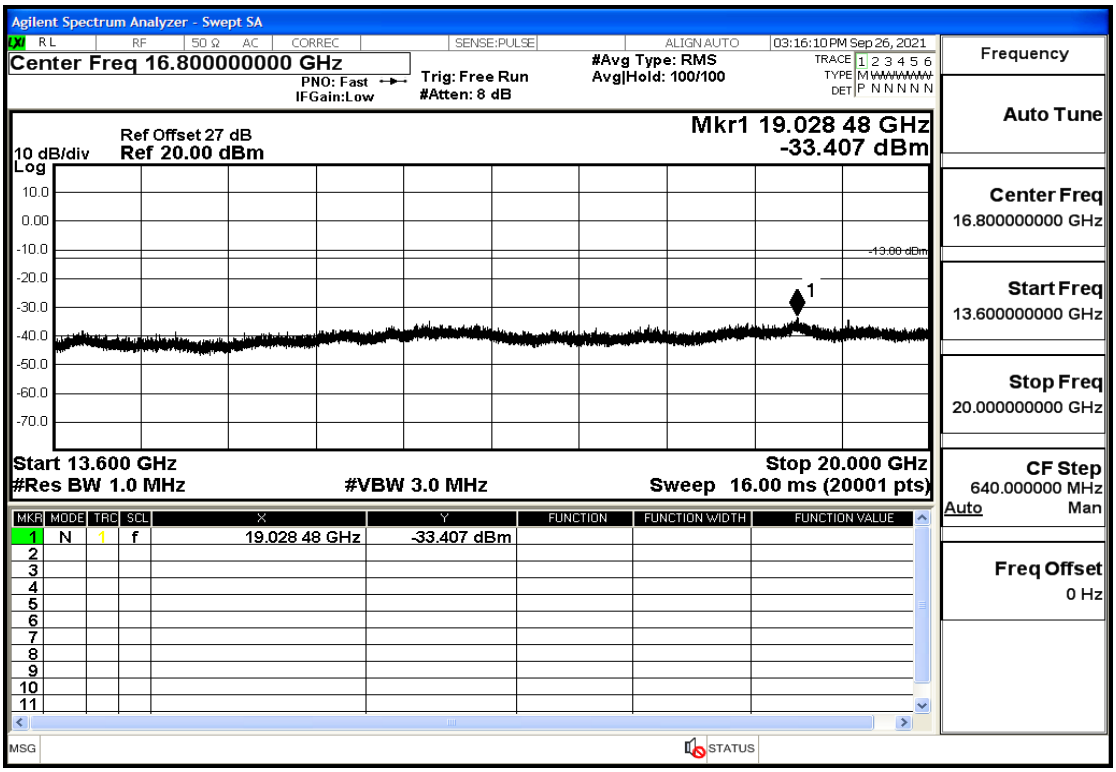
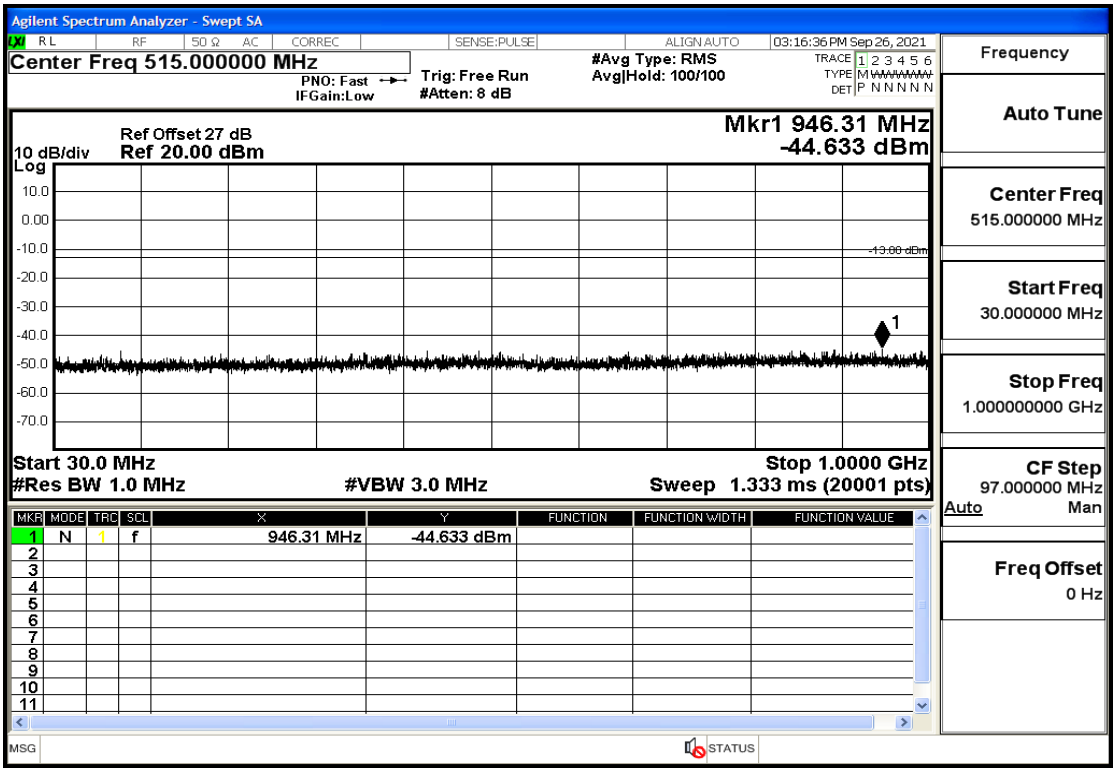
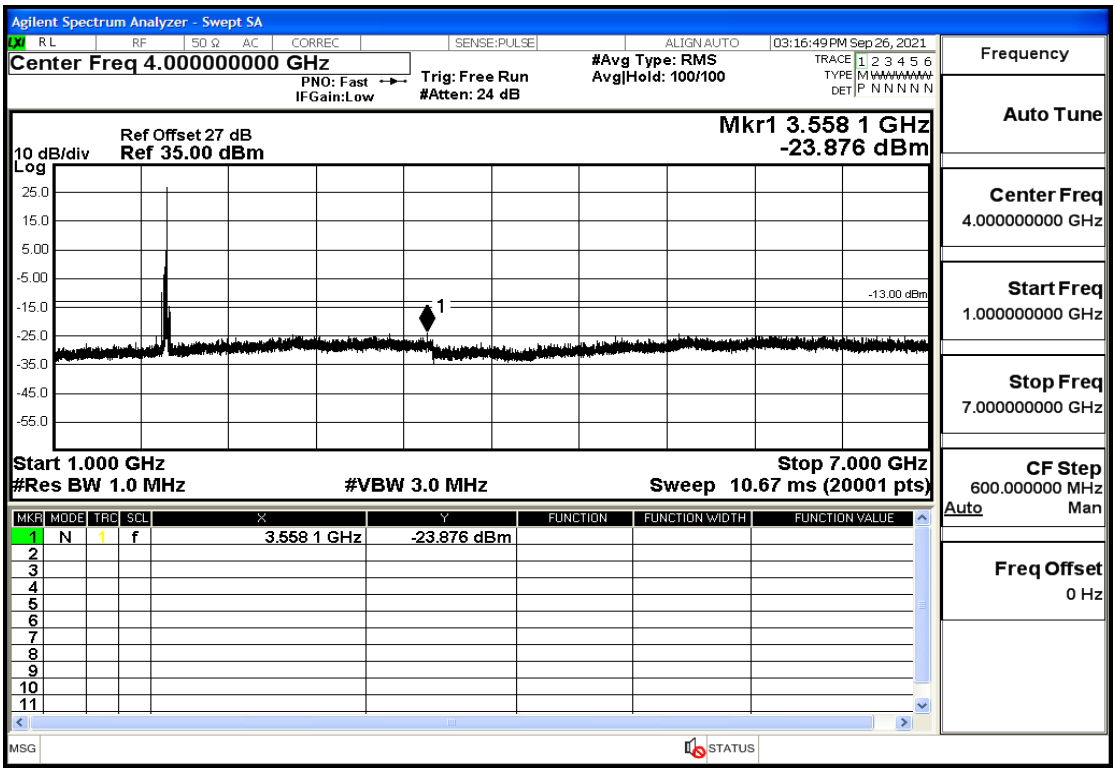


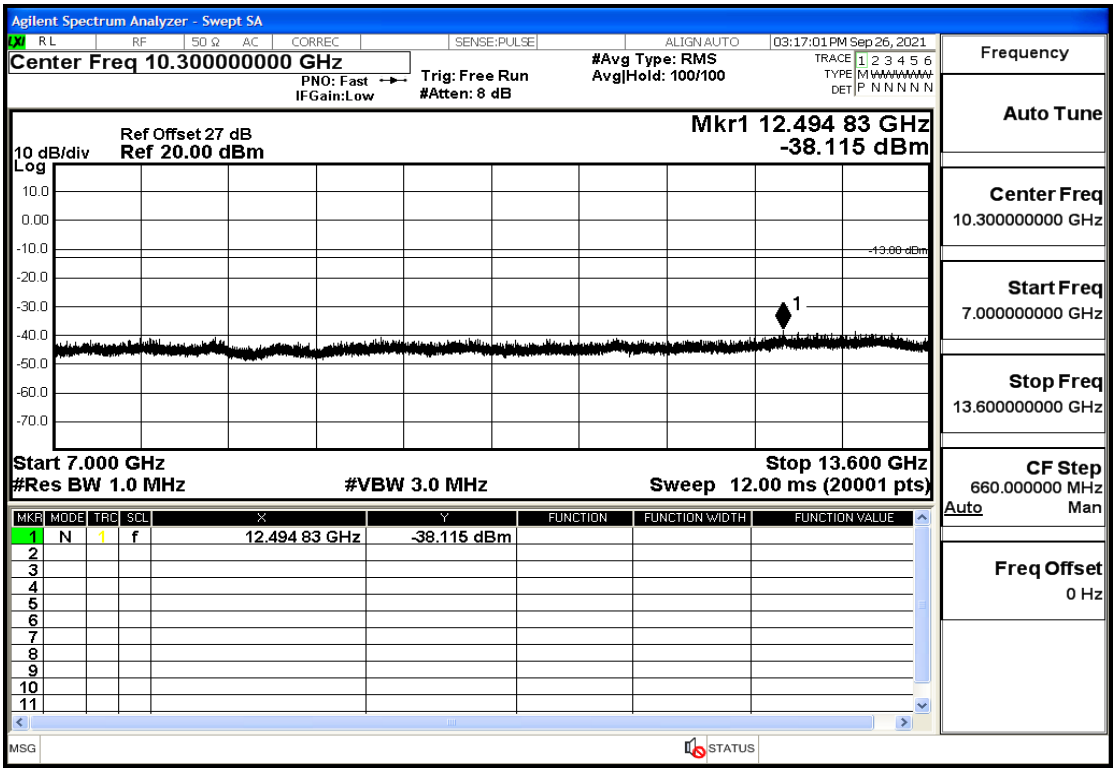
OB66-20-1770-QPSK-1#99@30mHz-1GHz@Pass



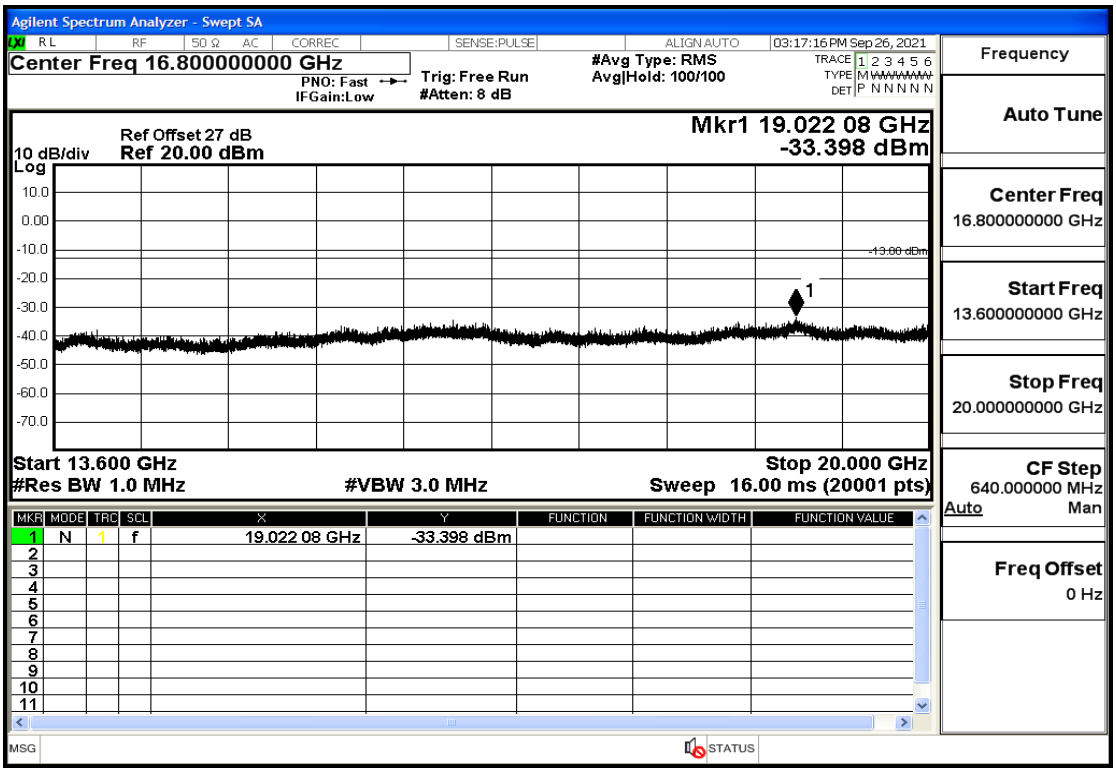
OB66-20-1770-QPSK-1#99@1GHz-7GHz@Pass



OB66-20-1770-QPSK-1#99@7GHz-13.6GHz@Pass



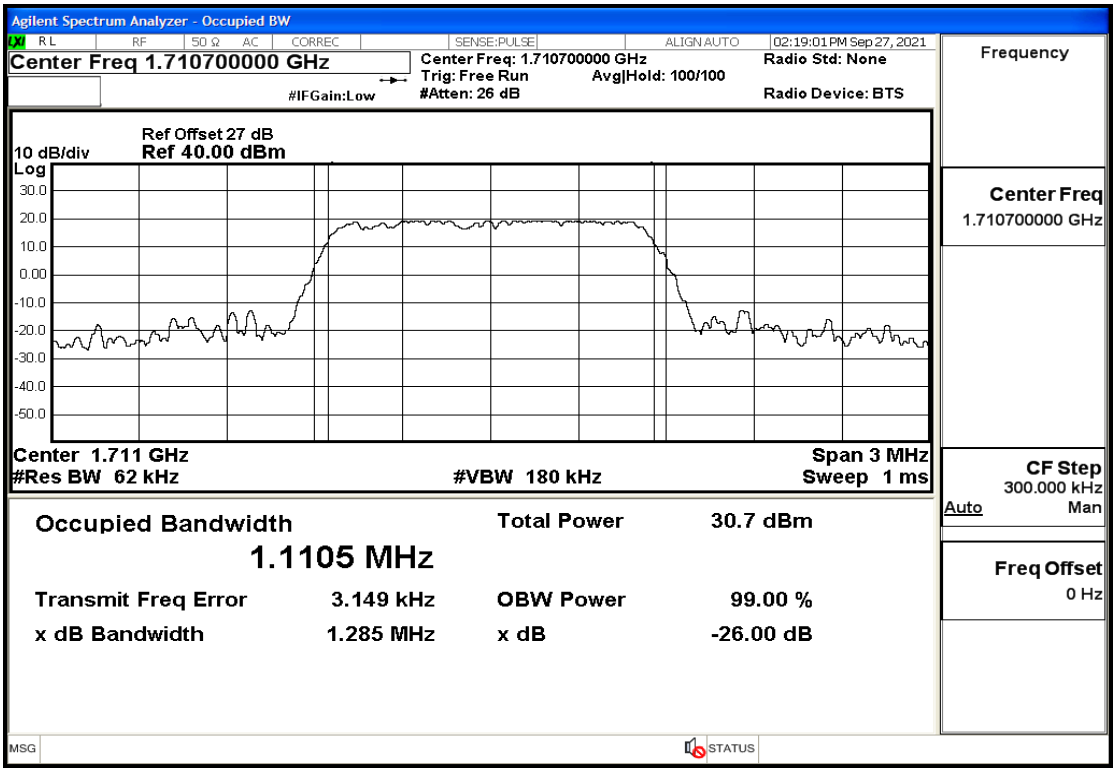
OB66-20-1770-QPSK-1#99@13.6GHz-20GHz@Pass



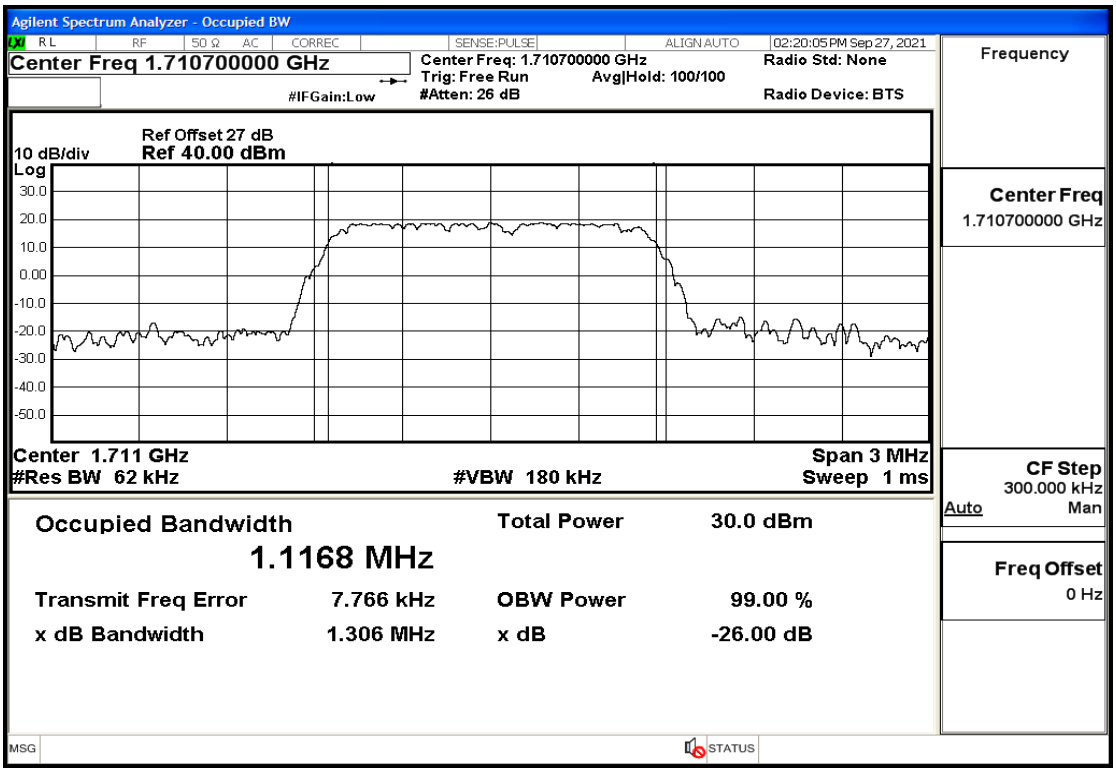
Emission bandwidth and OBW

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	1110.5	1285	No limit
Band66	1.4	1710.7	16QAM	6	LOW	1116.8	1306	No limit
Band66	1.4	1745	QPSK	6	LOW	1105	1302	No limit
Band66	1.4	1745	16QAM	6	LOW	1119.2	1273	No limit
Band66	1.4	1779.3	QPSK	6	LOW	1100.8	1293	No limit
Band66	1.4	1779.3	16QAM	6	LOW	1134.1	1268	No limit
Band66	3	1711.5	QPSK	15	LOW	2754.2	3143	No limit
Band66	3	1711.5	16QAM	15	LOW	2755	3085	No limit
Band66	3	1745	QPSK	15	LOW	2750.2	3106	No limit
Band66	3	1745	16QAM	15	LOW	2769	3117	No limit
Band66	3	1778.5	QPSK	15	LOW	2757.3	3096	No limit
Band66	3	1778.5	16QAM	15	LOW	2766.7	3117	No limit
Band66	5	1712.5	QPSK	25	LOW	4587.9	5085	No limit
Band66	5	1712.5	16QAM	25	LOW	4569.4	5081	No limit
Band66	5	1745	QPSK	25	LOW	4589.5	5018	No limit
Band66	5	1745	16QAM	25	LOW	4576.4	5046	No limit
Band66	5	1777.5	QPSK	25	LOW	4574.5	5108	No limit
Band66	5	1777.5	16QAM	25	LOW	4599.8	5047	No limit
Band66	10	1715	QPSK	50	LOW	9121.8	10060	No limit
Band66	10	1715	16QAM	12	LOW	4157.1	5781	No limit
Band66	10	1745	QPSK	50	LOW	9102.5	9926	No limit
Band66	10	1745	16QAM	12	LOW	4372	6961	No limit
Band66	10	1775	QPSK	50	LOW	9124.5	10040	No limit
Band66	10	1775	16QAM	12	LOW	3954.8	7719	No limit
Band66	15	1717.5	QPSK	75	LOW	13707	15340	No limit
Band66	15	1717.5	16QAM	16	LOW	5788.3	10580	No limit
Band66	15	1745	QPSK	75	LOW	13676	15180	No limit
Band66	15	1745	16QAM	16	LOW	5130	11020	No limit
Band66	15	1772.5	QPSK	75	LOW	13708	15330	No limit
Band66	15	1772.5	16QAM	16	LOW	5215.2	9916	No limit
Band66	20	1720	QPSK	100	LOW	18232	20150	No limit
Band66	20	1720	16QAM	18	LOW	8058.4	17590	No limit
Band66	20	1745	QPSK	100	LOW	18190	20200	No limit
Band66	20	1745	16QAM	18	LOW	8231.6	12570	No limit
Band66	20	1770	QPSK	100	LOW	18323	20370	No limit
Band66	20	1770	16QAM	18	LOW	7787.9	15200	No limit

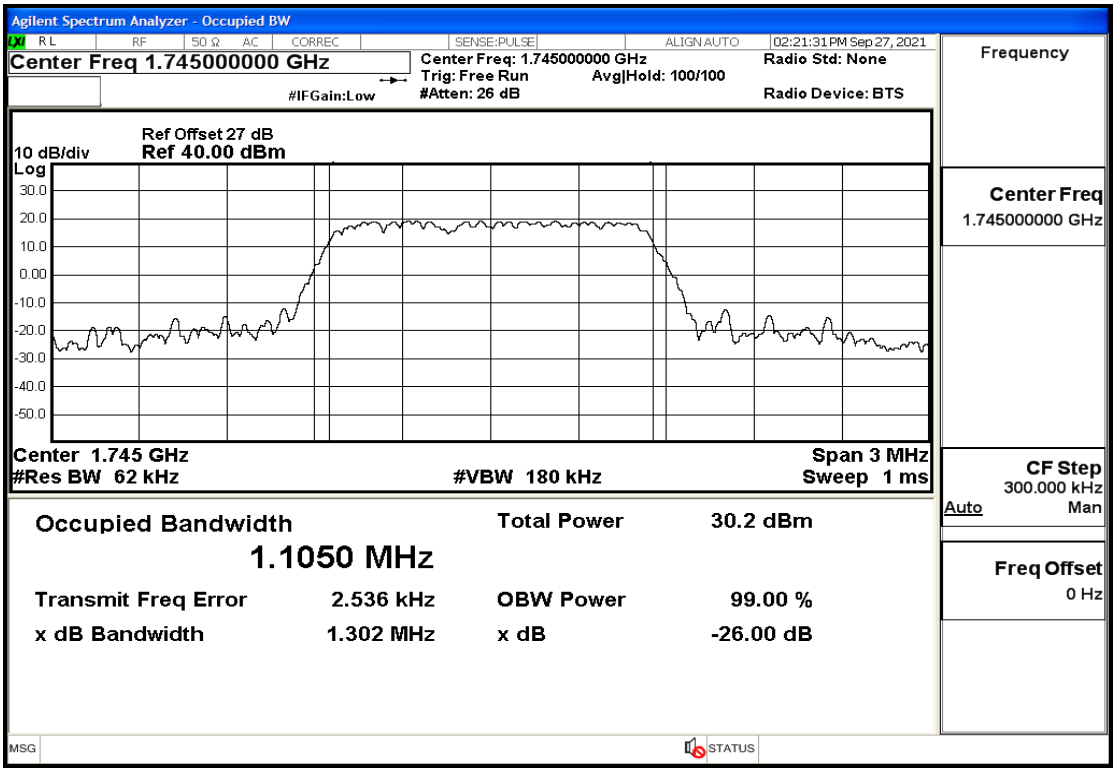
Band66-1.4-1710.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



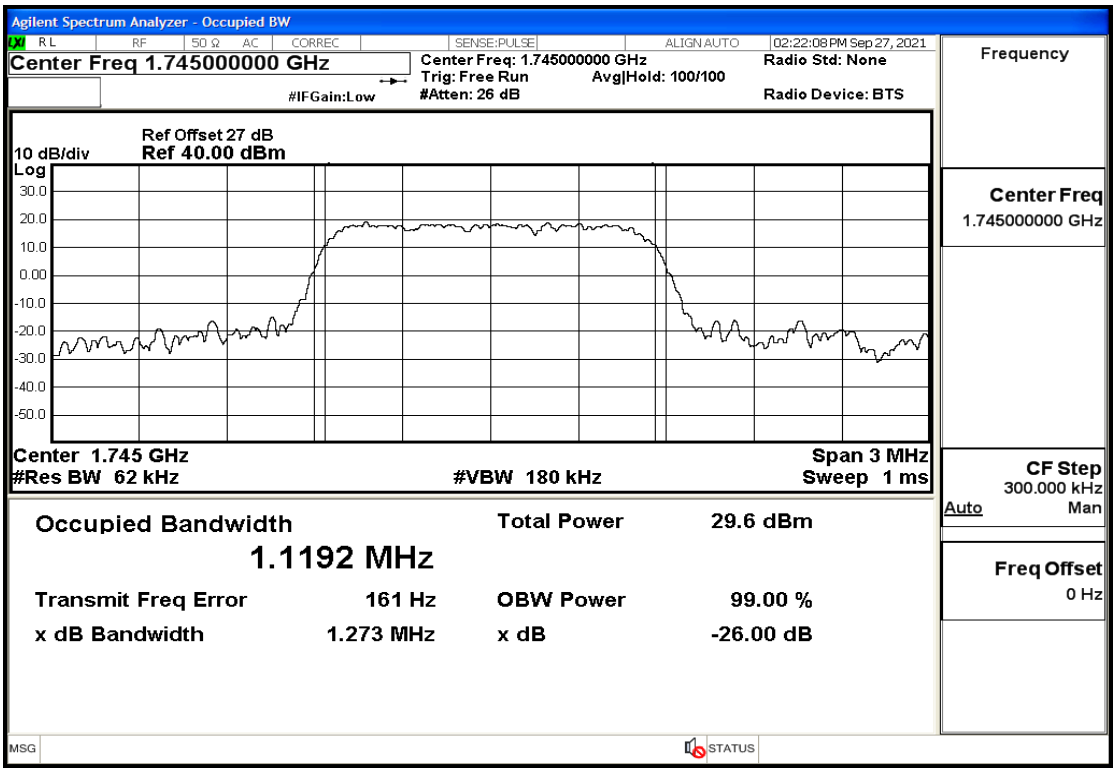
Band66-1.4-1710.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



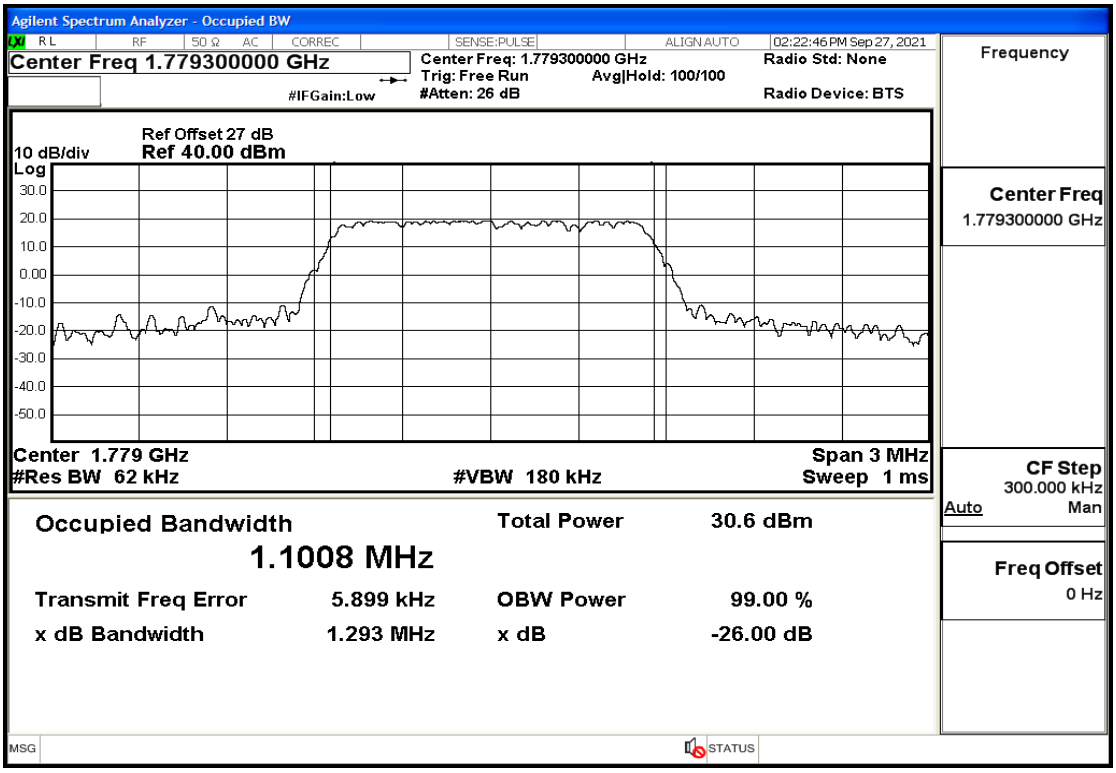
Band66-1.4-1745-QPSK-6#LOW@26dB and 99PCT Bandwidth



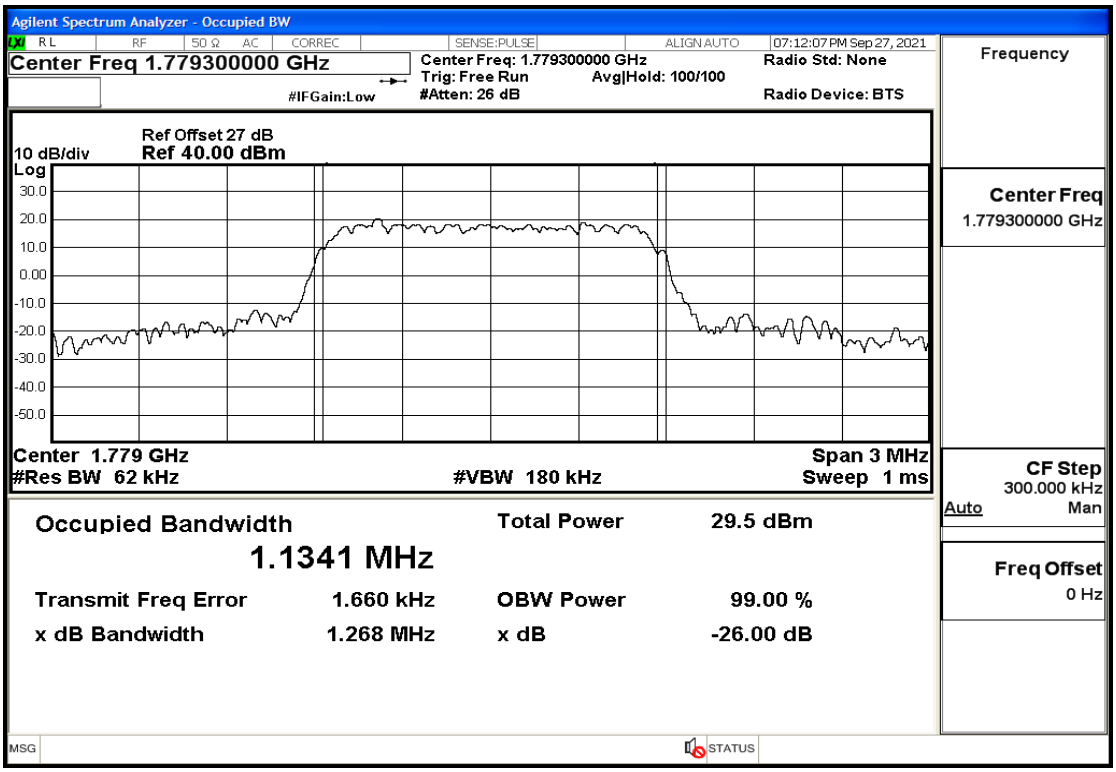
Band66-1.4-1745-16QAM-6#LOW@26dB and 99PCT Bandwidth



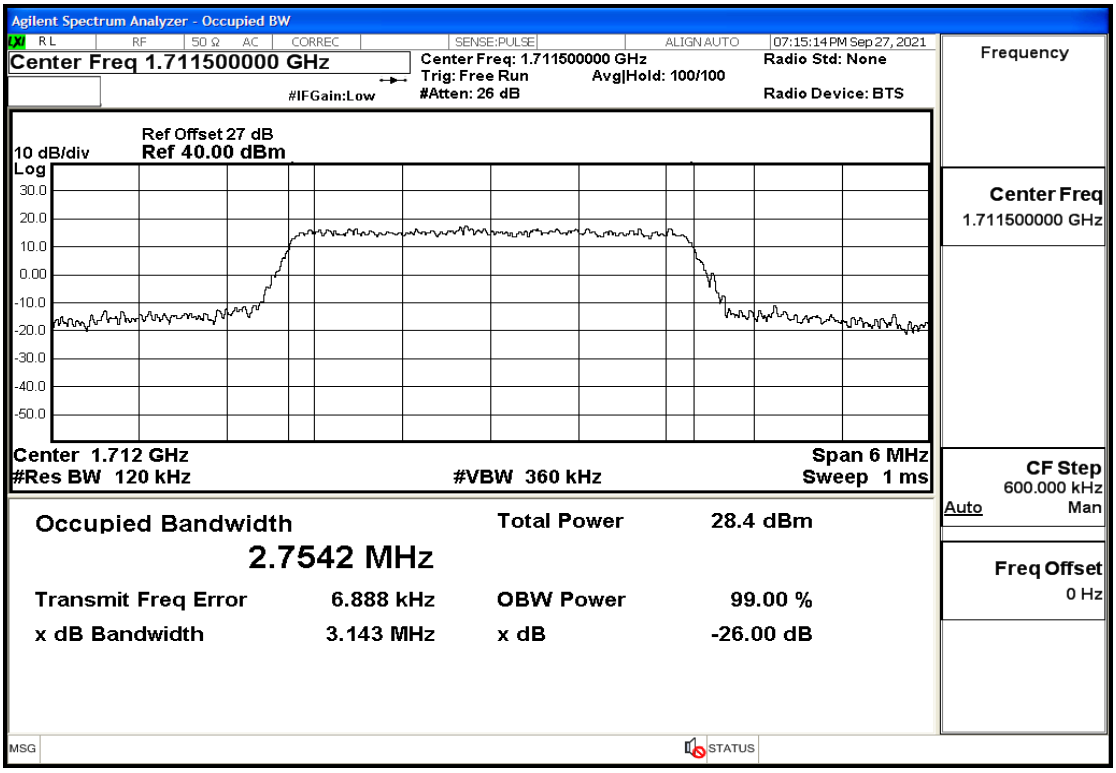
Band66-1.4-1779.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



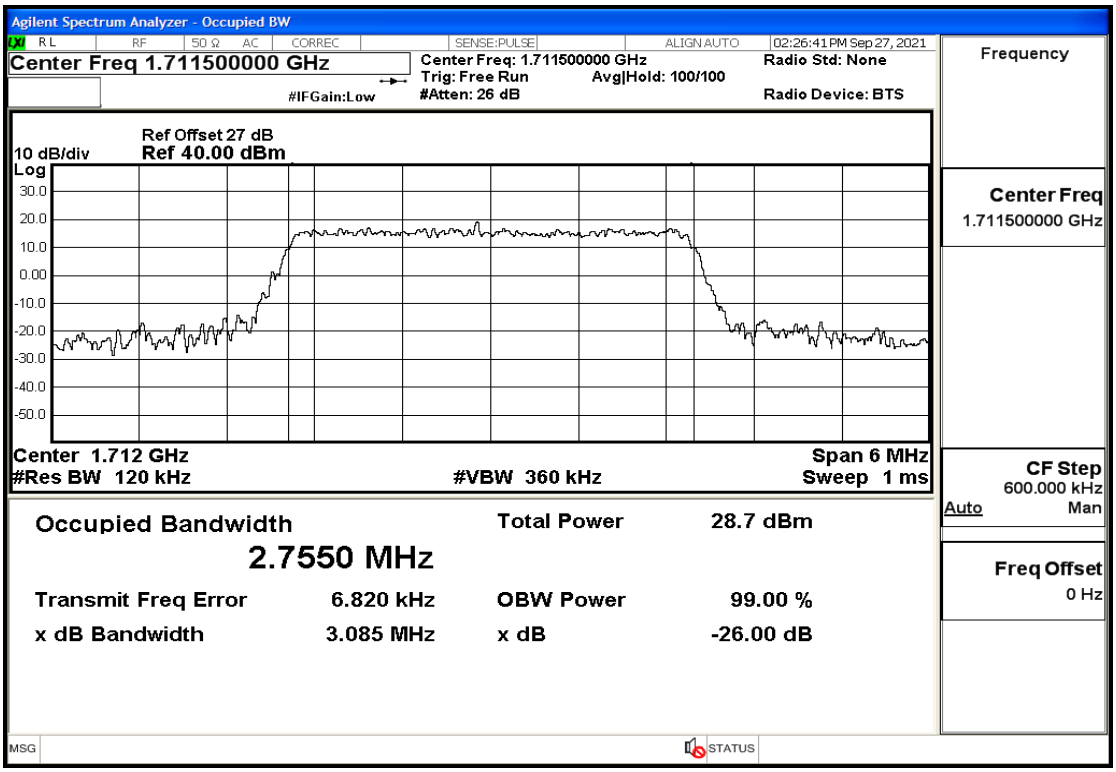
Band66-1.4-1779.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



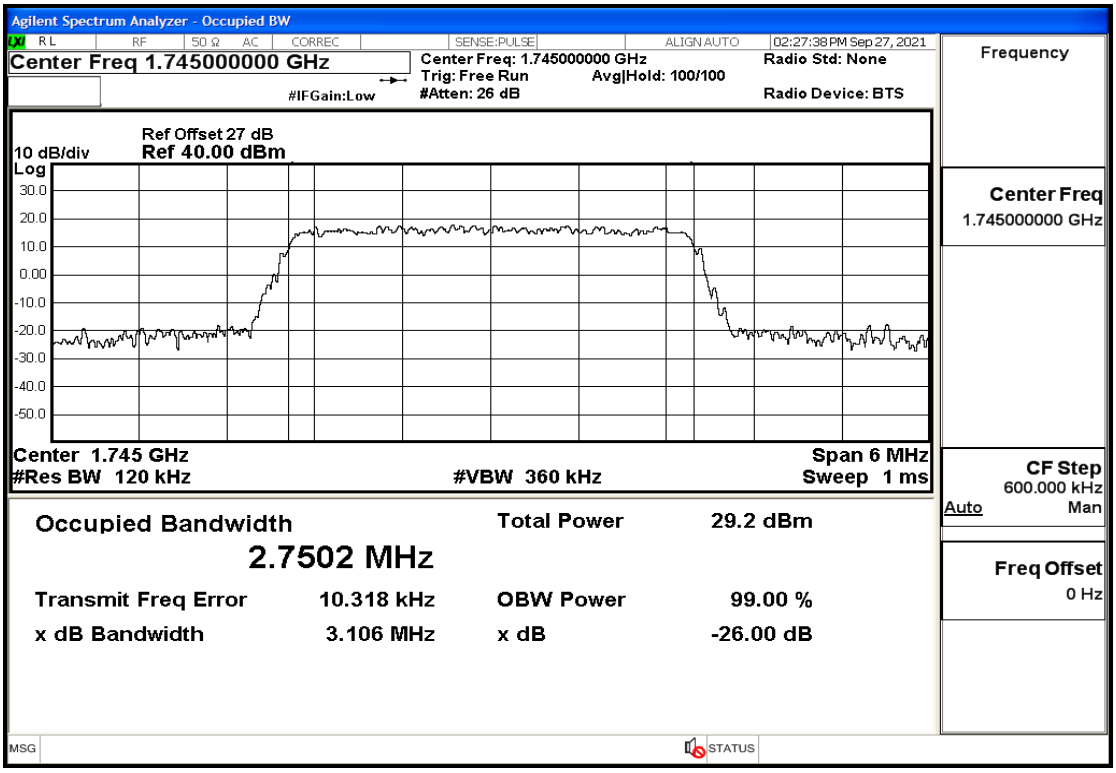
Band66-3-1711.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



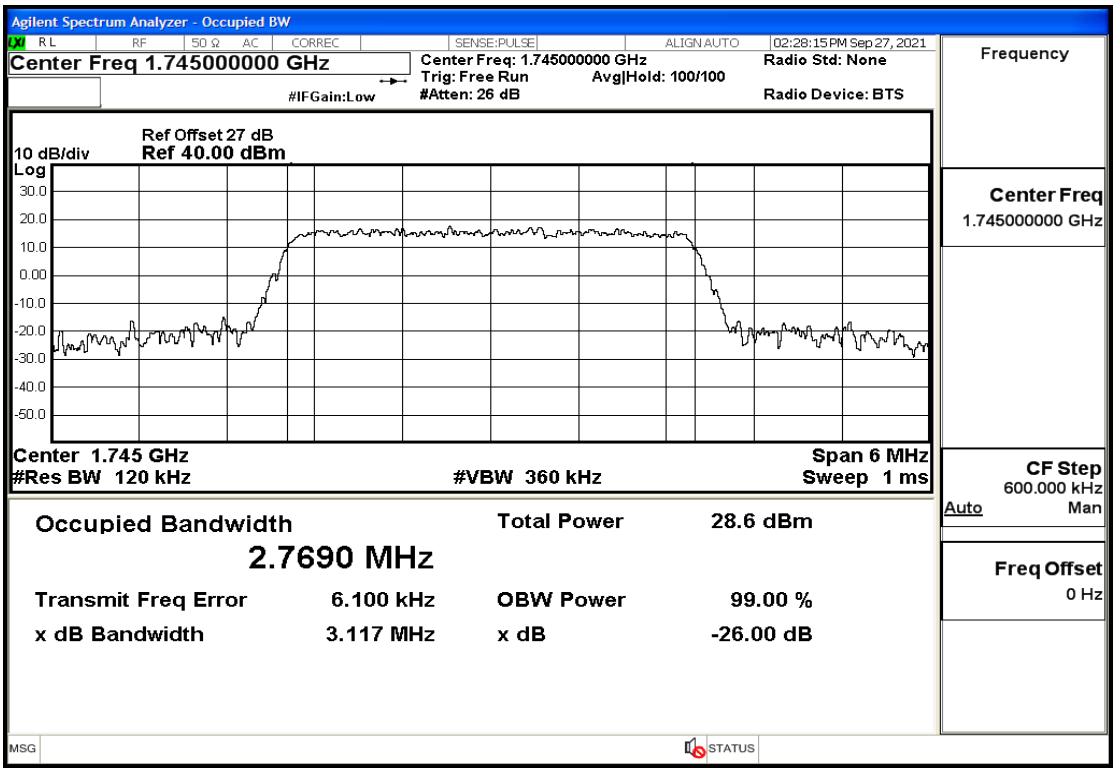
Band66-3-1711.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



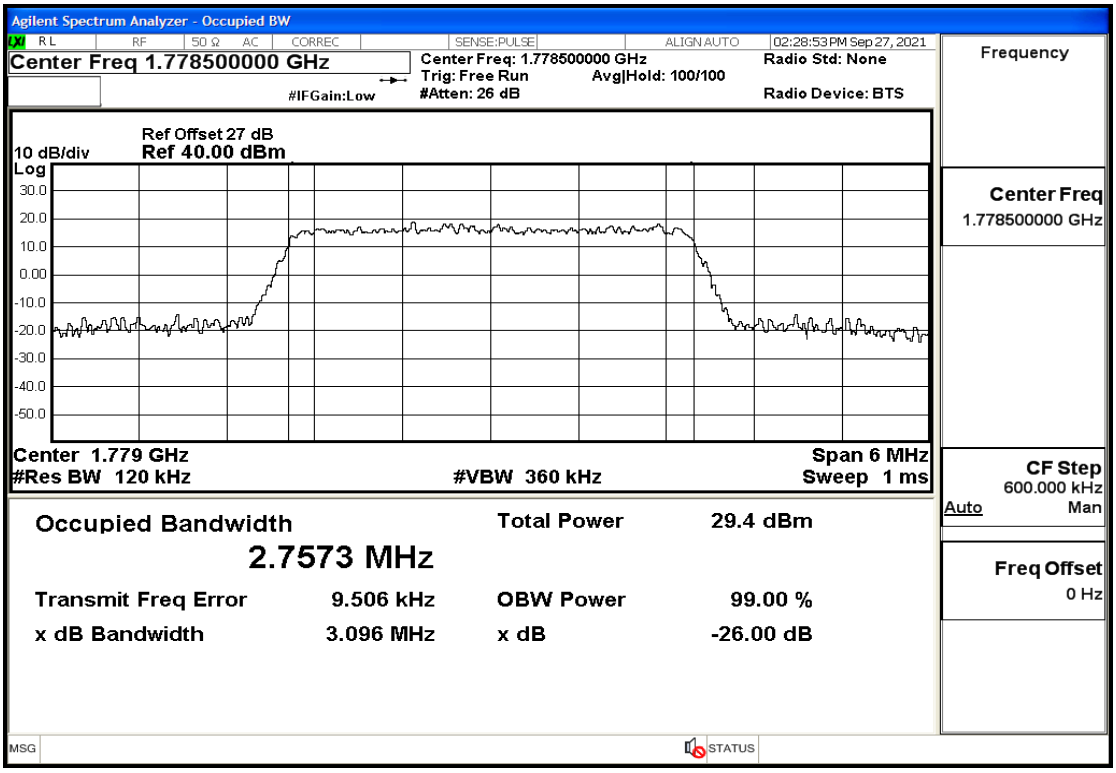
Band66-3-1745-QPSK-15#LOW@26dB and 99PCT Bandwidth



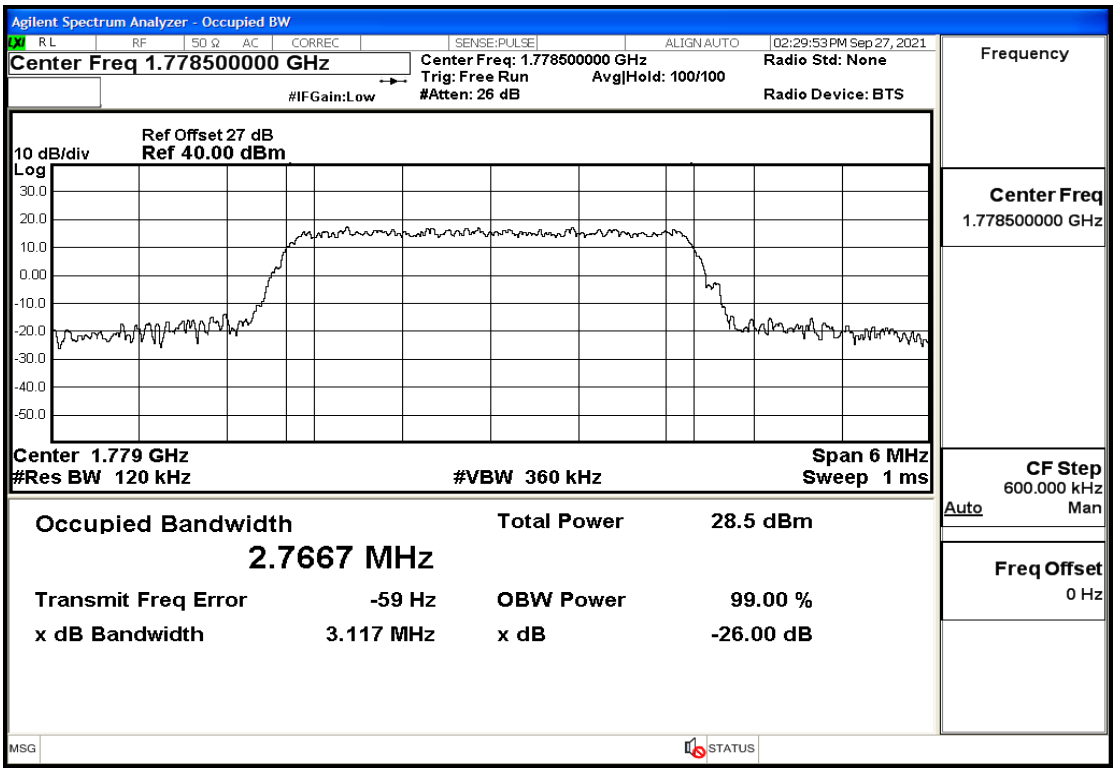
Band66-3-1745-16QAM-15#LOW@26dB and 99PCT Bandwidth



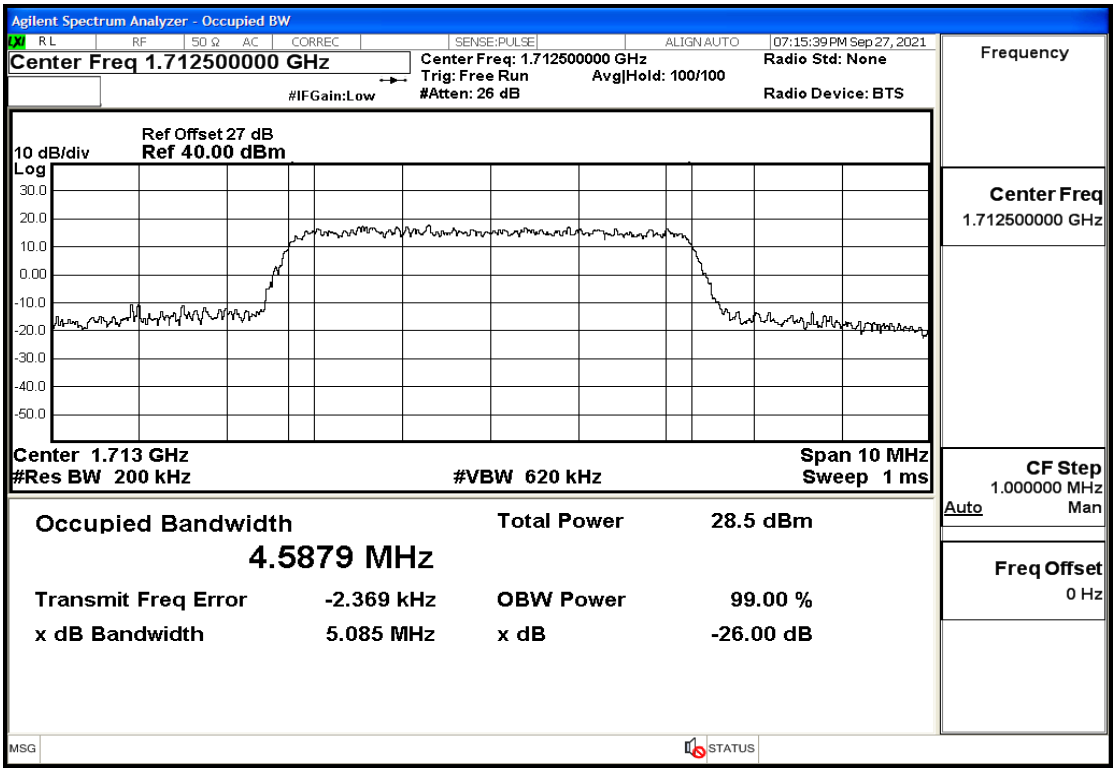
Band66-3-1778.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



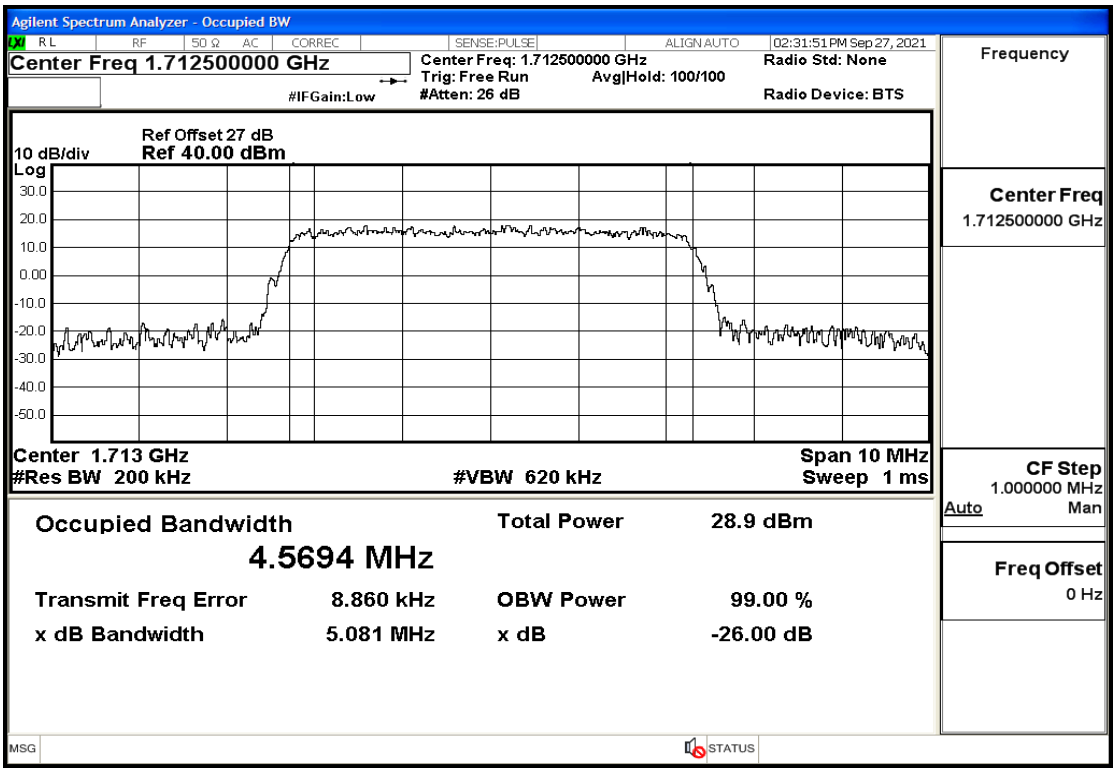
Band66-3-1778.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



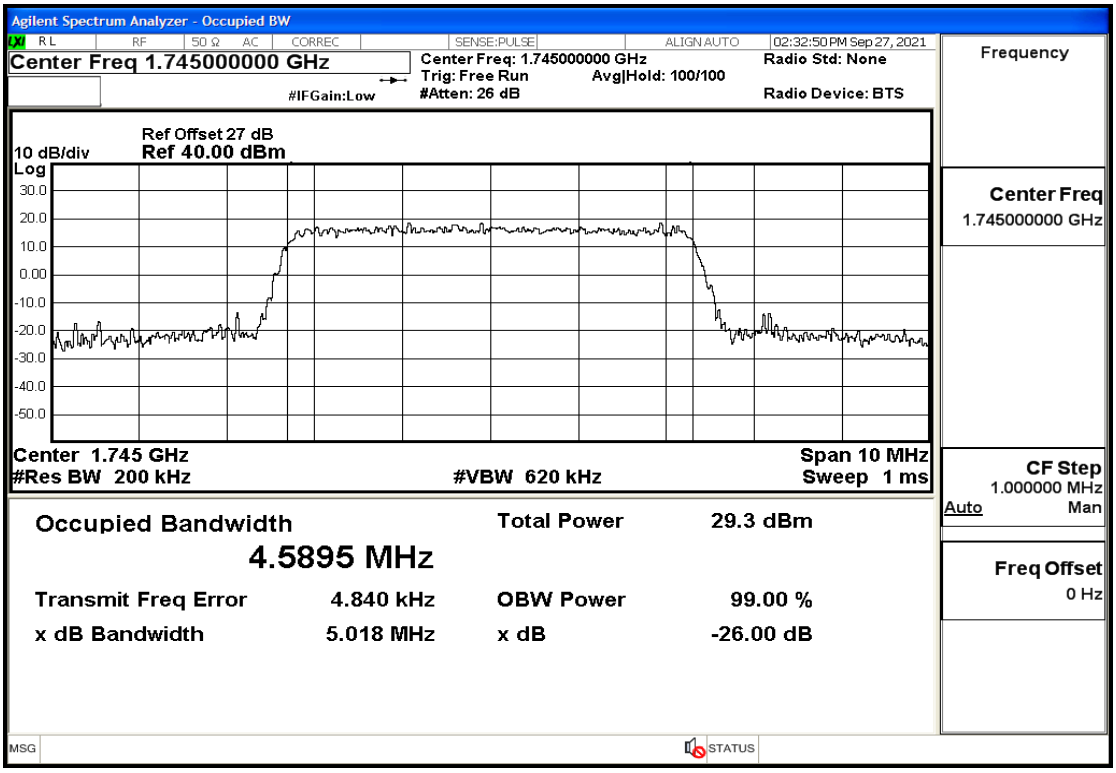
Band66-5-1712.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



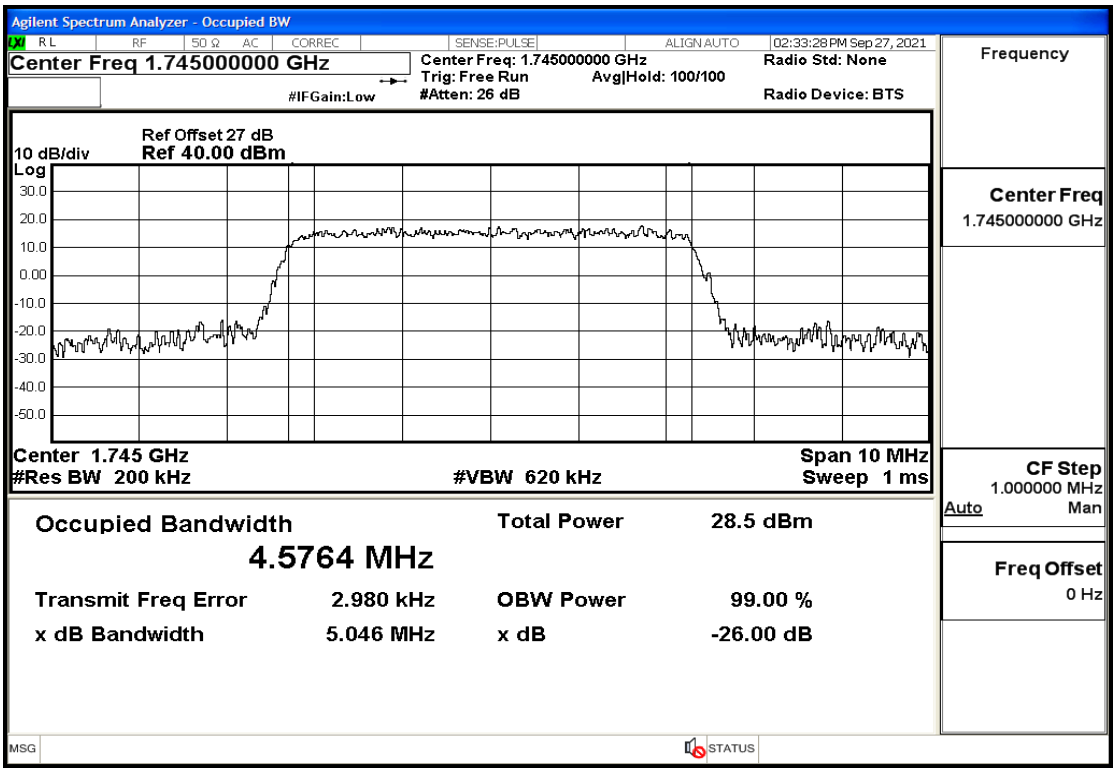
Band66-5-1712.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



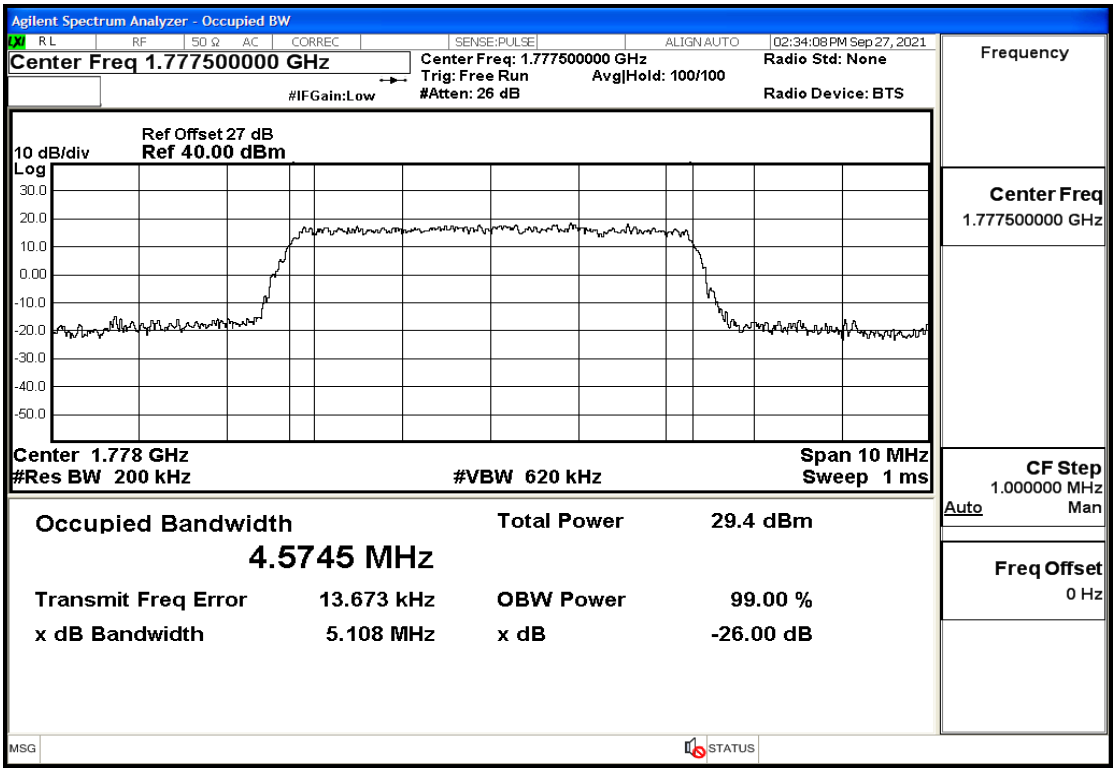
Band66-5-1745-QPSK-25#LOW@26dB and 99PCT Bandwidth



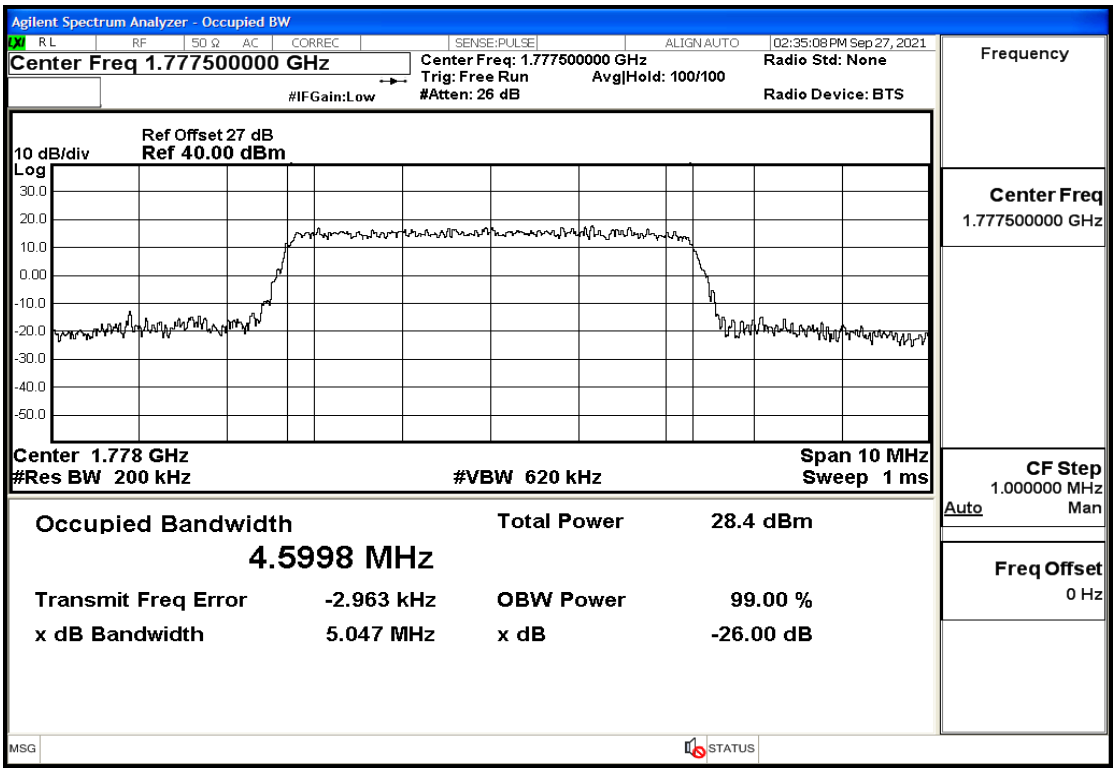
Band66-5-1745-16QAM-25#LOW@26dB and 99PCT Bandwidth



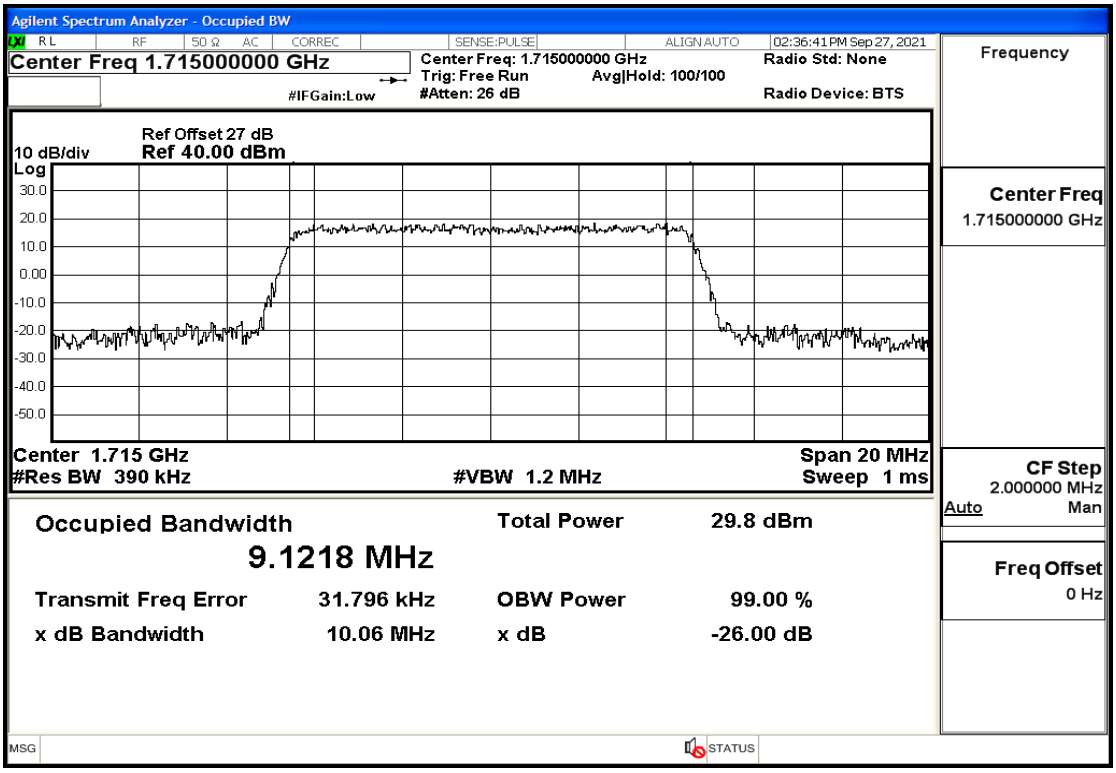
Band66-5-1777.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



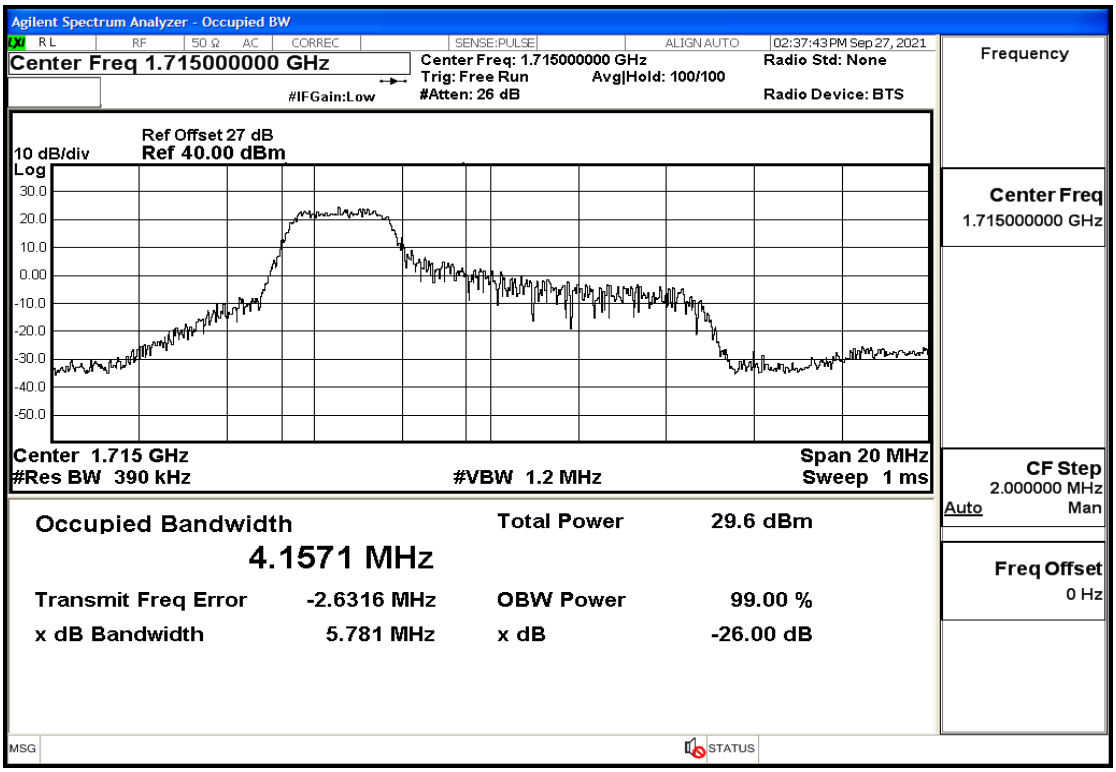
Band66-5-1777.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



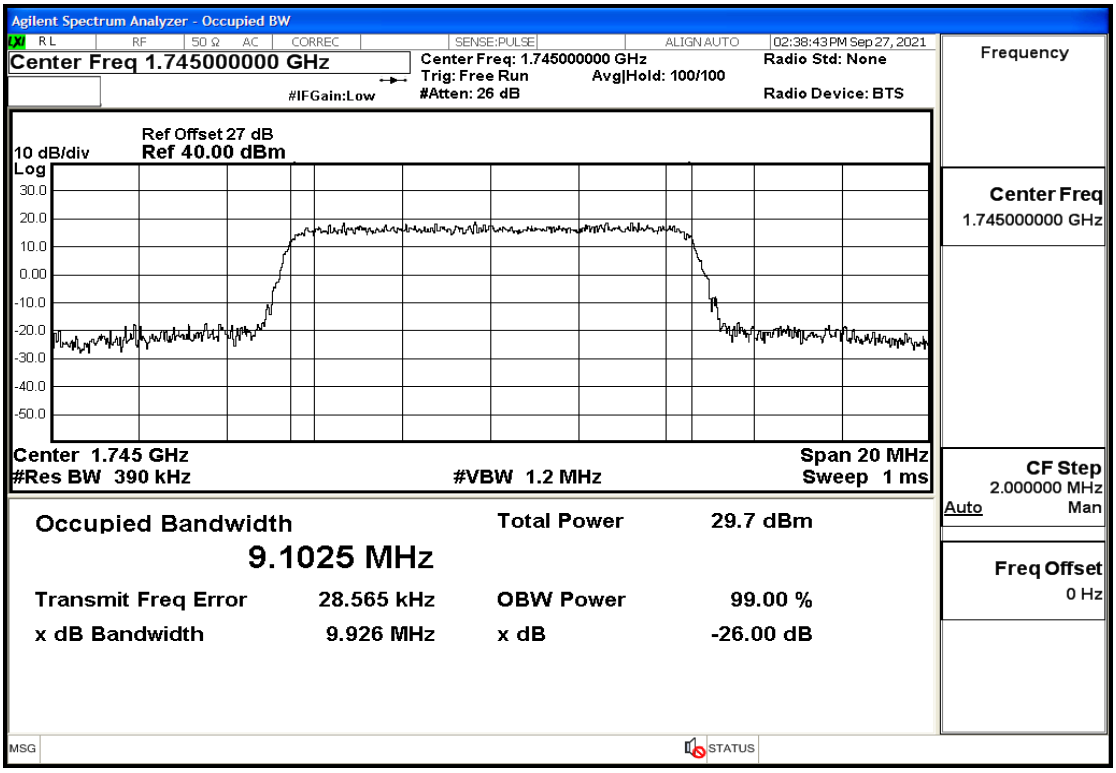
Band66-10-1715-QPSK-50#LOW@26dB and 99PCT Bandwidth



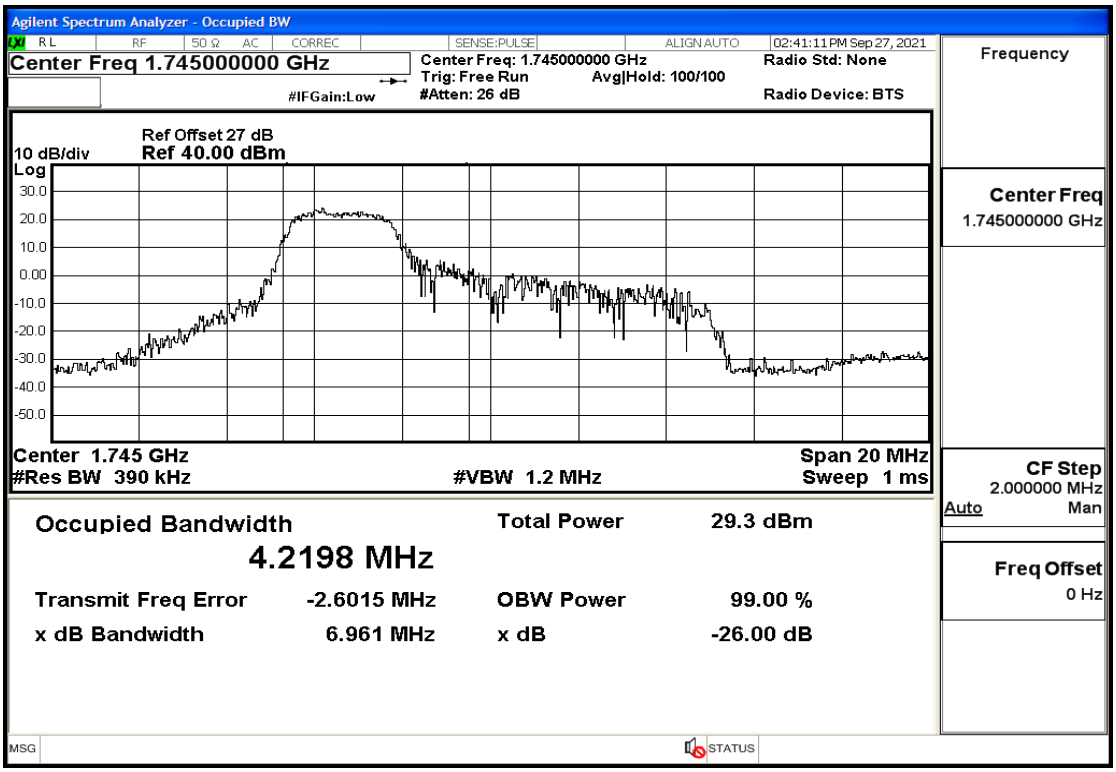
Band66-10-1715-16QAM-12#LOW@26dB and 99PCT Bandwidth



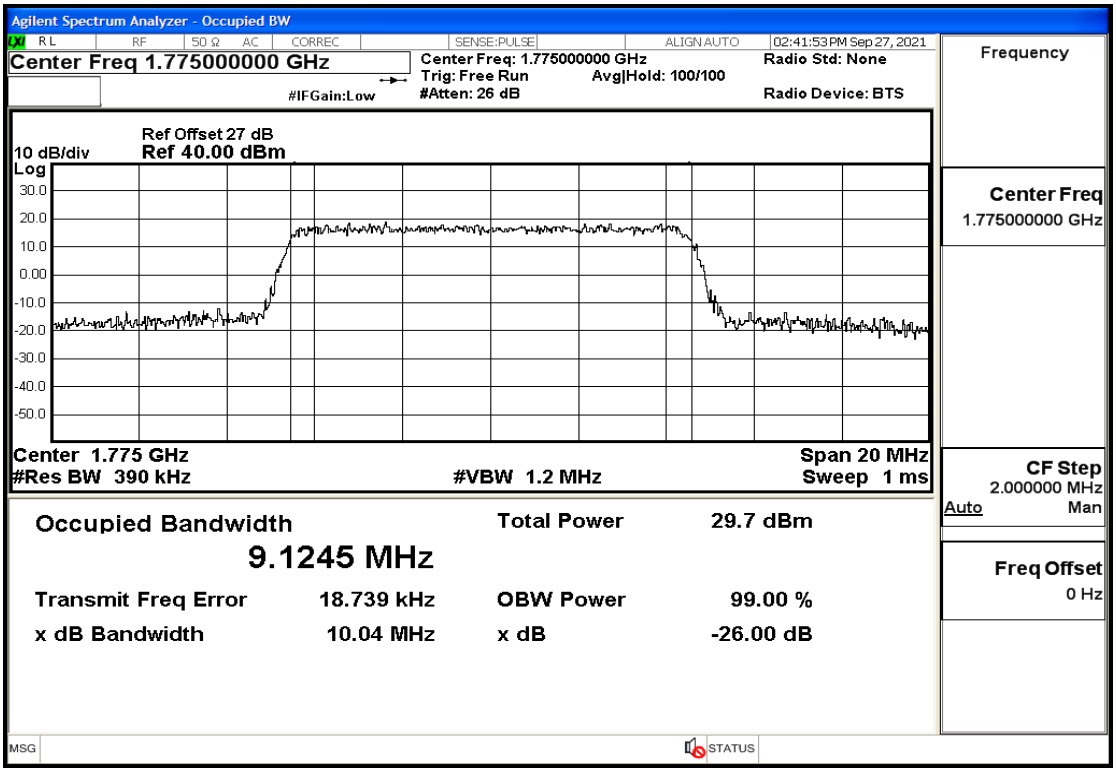
Band66-10-1745-QPSK-50#LOW@26dB and 99PCT Bandwidth



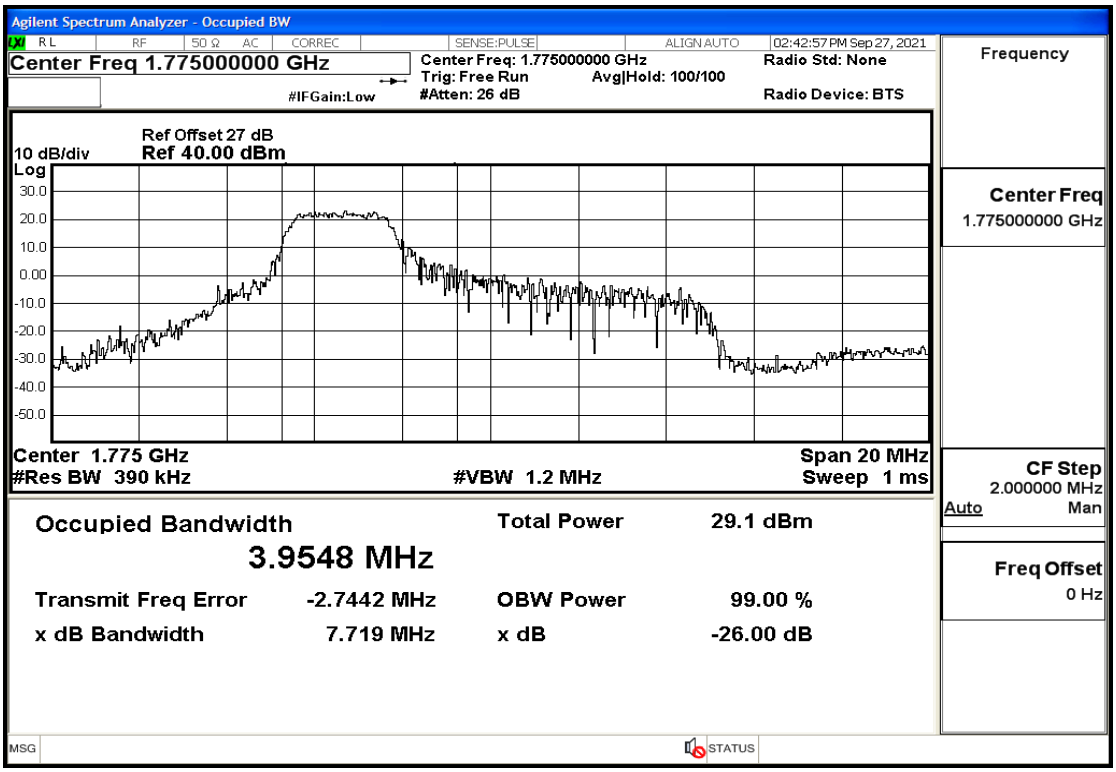
Band66-10-1745-16QAM-12#LOW@26dB and 99PCT Bandwidth



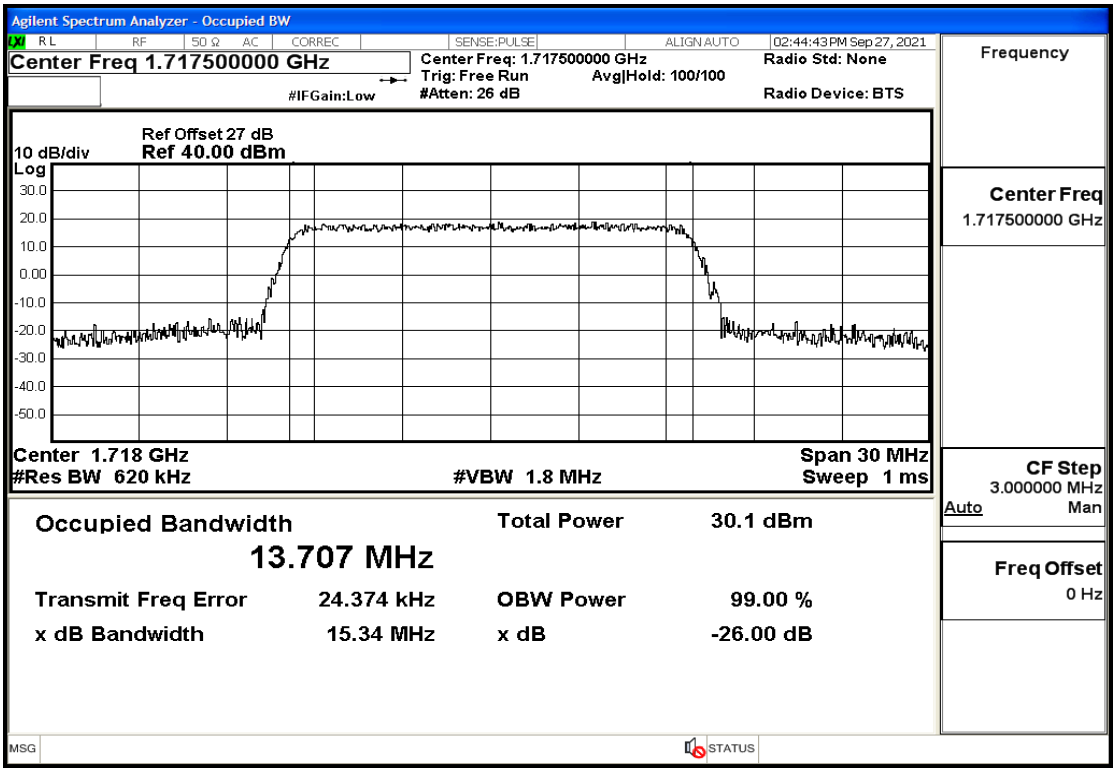
Band66-10-1775-QPSK-50#LOW@26dB and 99PCT Bandwidth



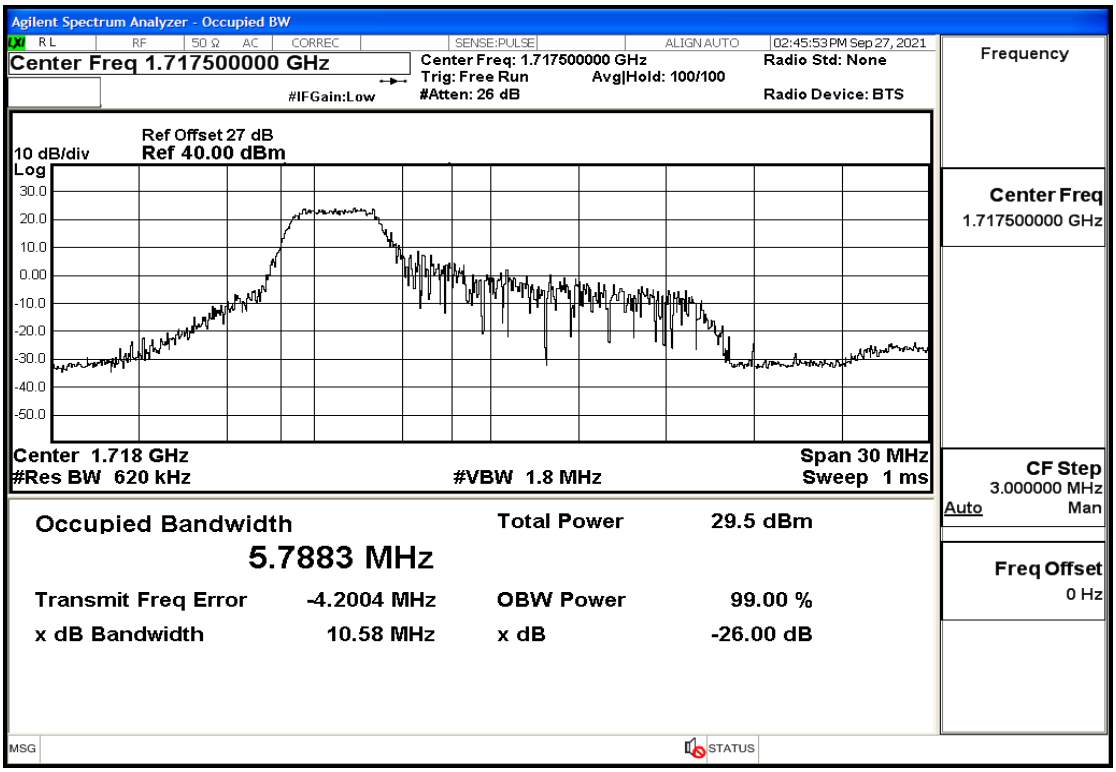
Band66-10-1775-16QAM-12#LOW@26dB and 99PCT Bandwidth



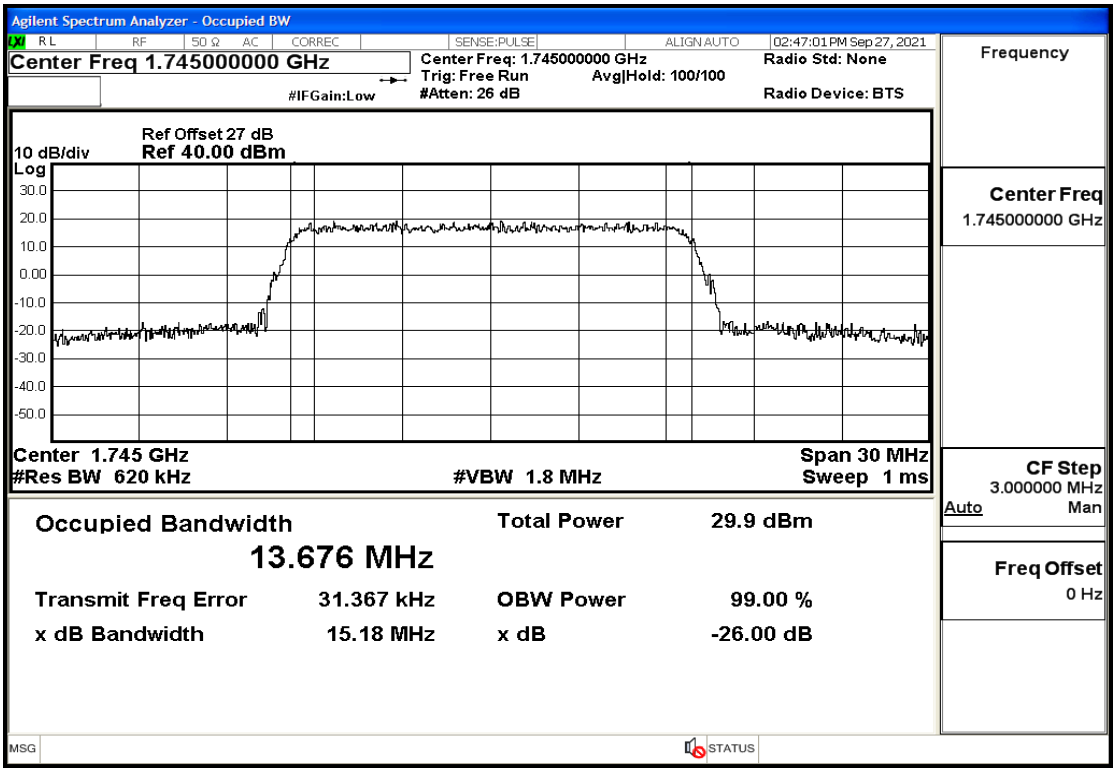
Band66-15-1717.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



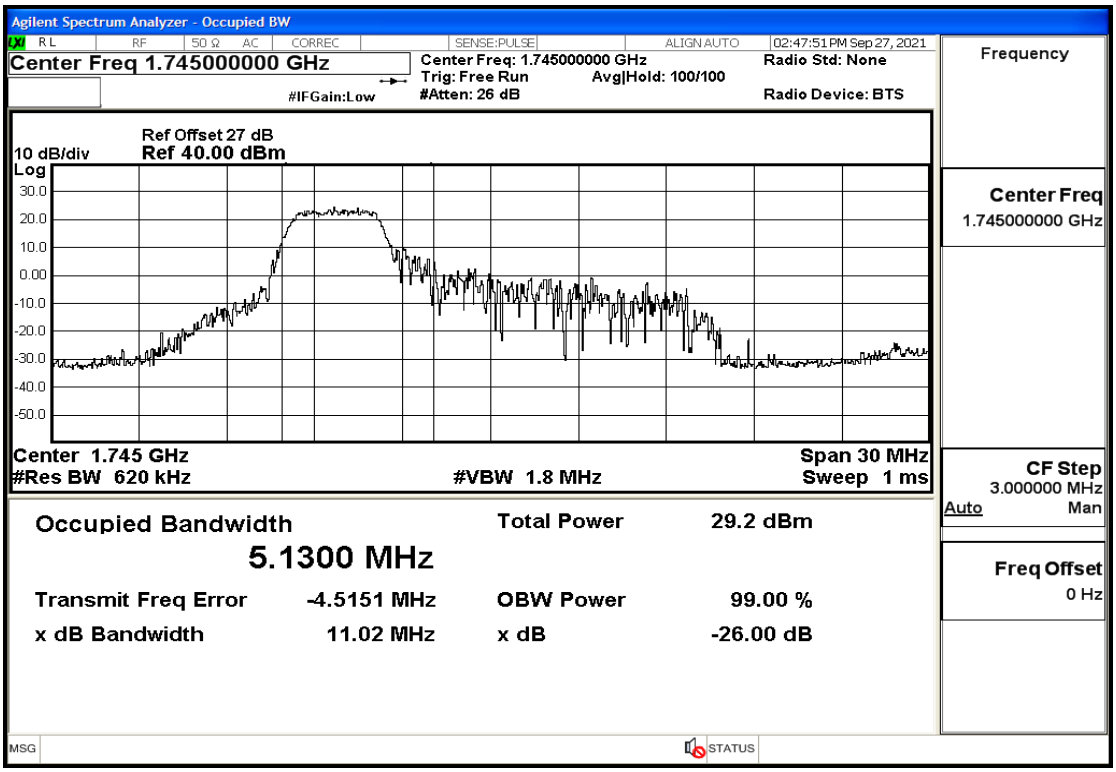
Band66-15-1717.5-16QAM-16#LOW@26dB and 99PCT Bandwidth



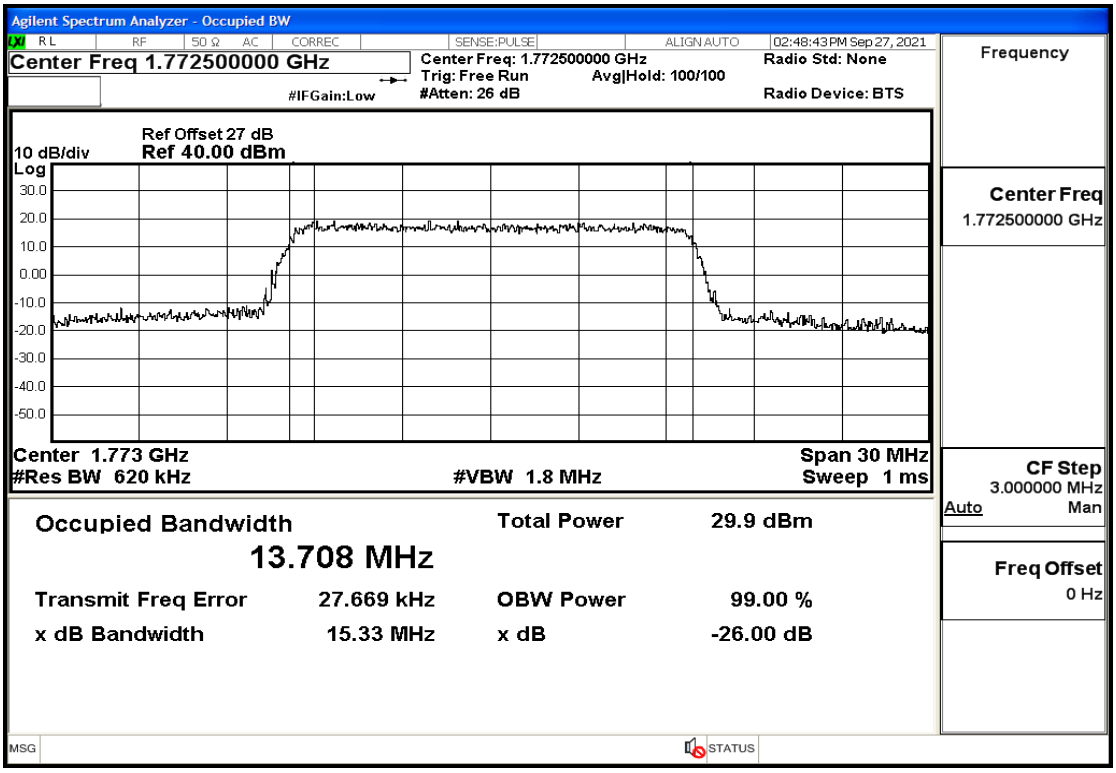
Band66-15-1745-QPSK-75#LOW@26dB and 99PCT Bandwidth



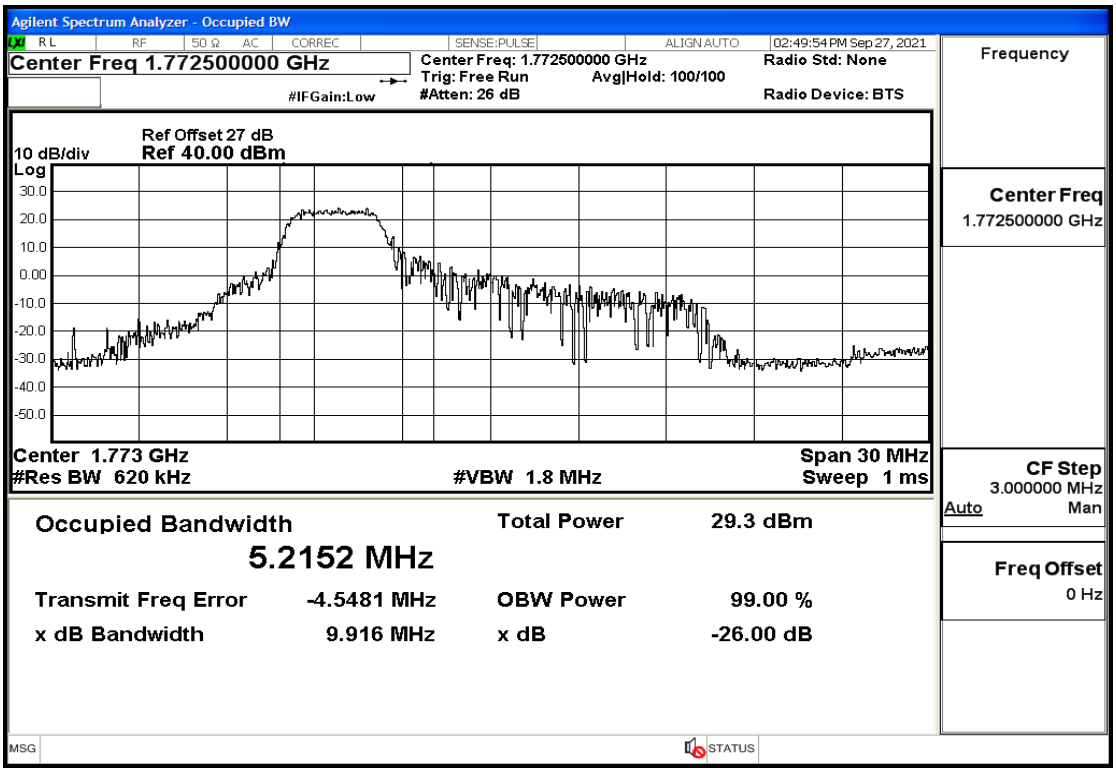
Band66-15-1745-16QAM-16#LOW@26dB and 99PCT Bandwidth



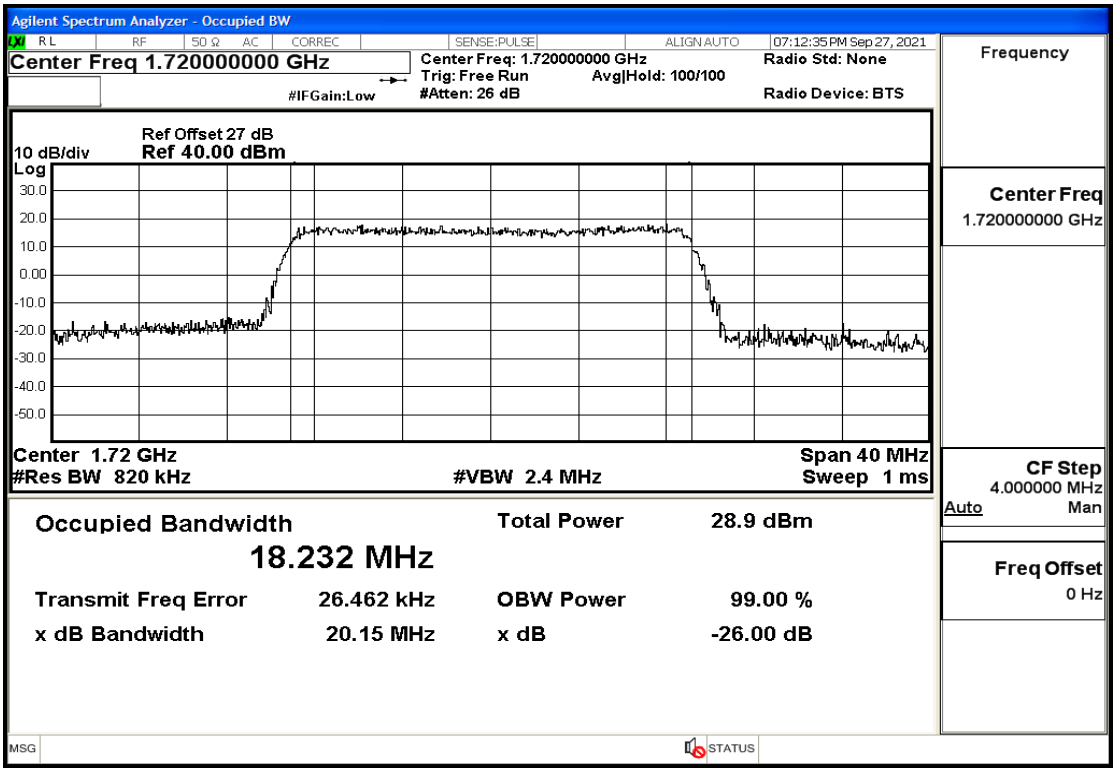
Band66-15-1772.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



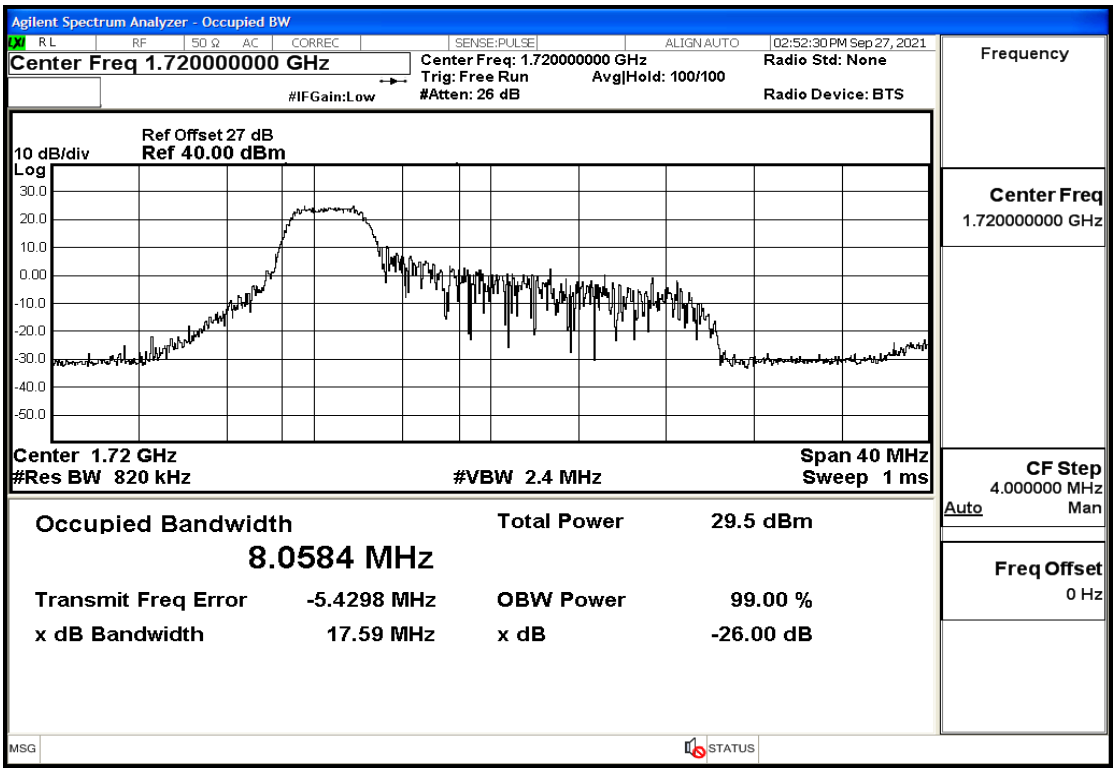
Band66-15-1772.5-16QAM-16#LOW@26dB and 99PCT Bandwidth



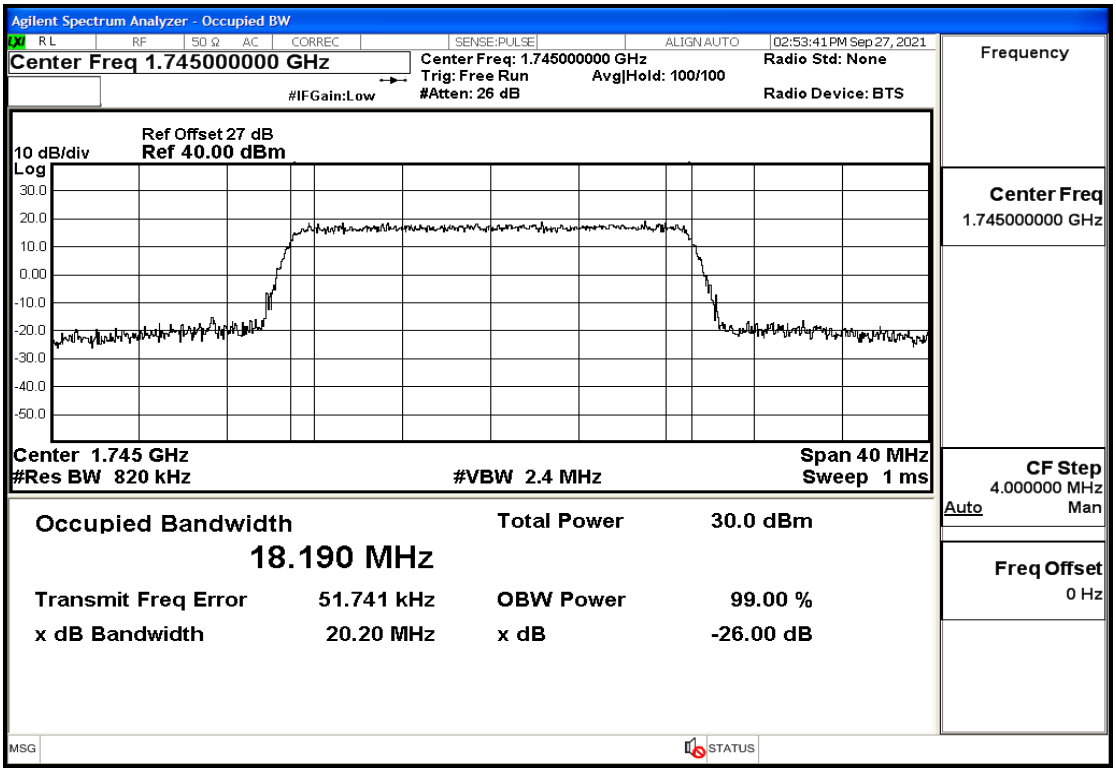
Band66-20-1720-QPSK-100#LOW@26dB and 99PCT Bandwidth



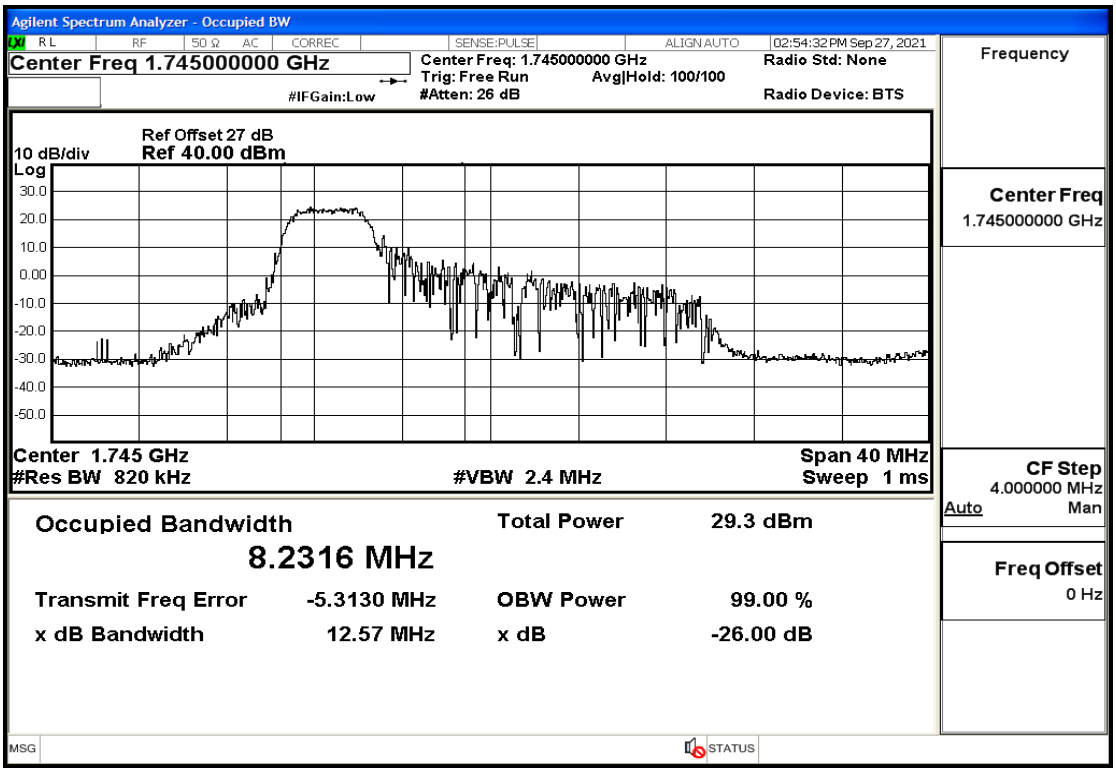
Band66-20-1720-16QAM-18#LOW@26dB and 99PCT Bandwidth



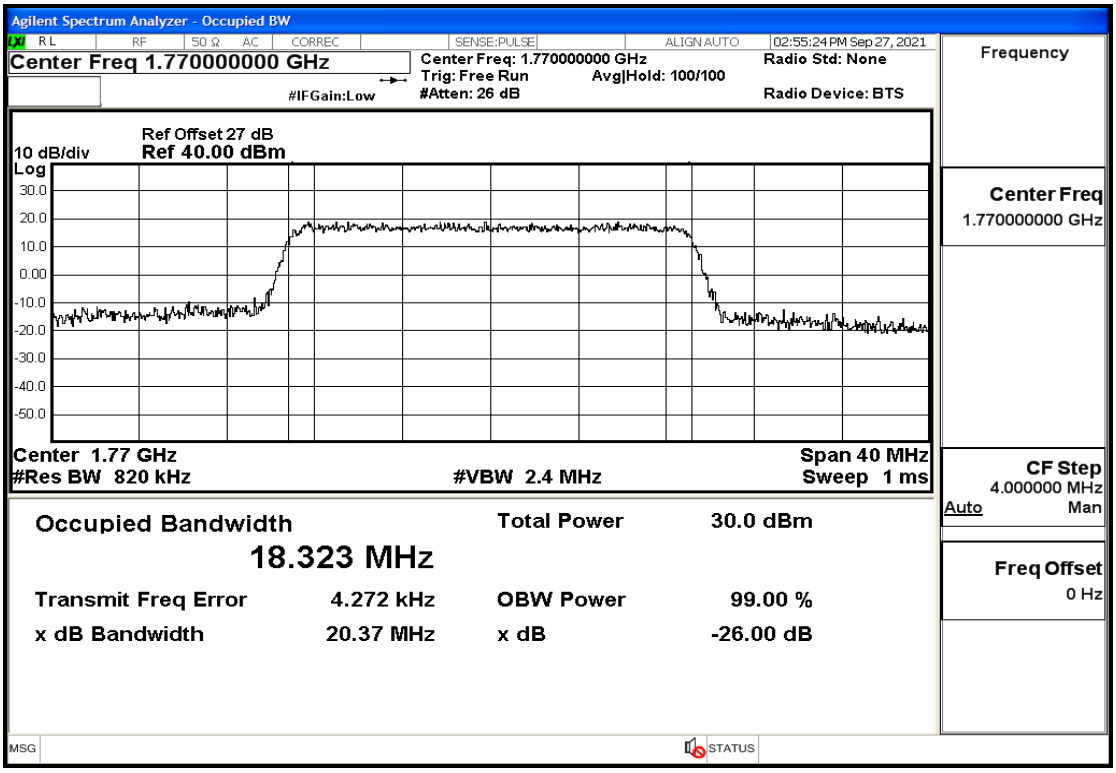
Band66-20-1745-QPSK-100#LOW@26dB and 99PCT Bandwidth



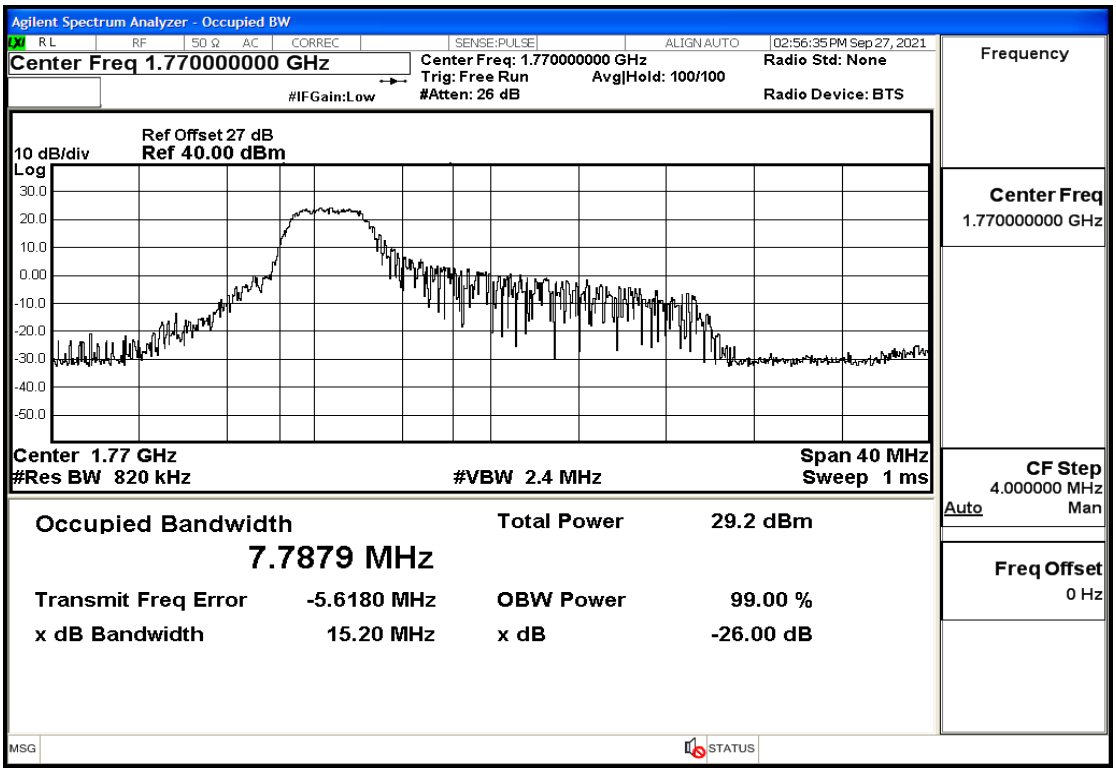
Band66-20-1745-16QAM-18#LOW@26dB and 99PCT Bandwidth



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



Band66-20-1770-16QAM-18#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	0.0627	PASS
40	Normal Voltage	0.0335	
30	Normal Voltage	0.0171	
20(Ref.)	Normal Voltage	0.0246	
10	Normal Voltage	0.0566	
0	Normal Voltage	0.0190	
-10	Normal Voltage	0.0439	
-20	Normal Voltage	0.0366	
-30	Normal Voltage	0.0175	
20	Maximum Voltage	0.0176	
20	Normal Voltage	0.0293	
20	Battery End Point	0.0647	

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	22.05	27.73	5.68	13	0.17	22.22	30	Pass
Band66	1.4	1710.7	QPSK	3	LOW	21.35	28.05	6.7	13	0.17	21.52	30	Pass
Band66	1.4	1710.7	QPSK	3	MID	23.18	27.87	4.69	13	0.17	23.35	30	Pass
Band66	1.4	1710.7	QPSK	3	HIGH	23.06	27.77	4.71	13	0.17	23.23	30	Pass
Band66	1.4	1710.7	QPSK	1	LOW	23.16	27.51	4.35	13	0.17	23.33	30	Pass
Band66	1.4	1710.7	QPSK	1	MID	23.15	27.52	4.37	13	0.17	23.32	30	Pass
Band66	1.4	1710.7	QPSK	1	HIGH	23.18	27.54	4.36	13	0.17	23.35	30	Pass
Band66	1.4	1710.7	16QAM	6	LOW	21.35	28.05	6.7	13	0.17	21.52	30	Pass
Band66	1.4	1710.7	16QAM	3	LOW	22.01	27.17	5.16	13	0.17	22.18	30	Pass
Band66	1.4	1710.7	16QAM	3	MID	22.05	27.37	5.32	13	0.17	22.22	30	Pass
Band66	1.4	1710.7	16QAM	3	HIGH	22.29	27.74	5.45	13	0.17	22.46	30	Pass
Band66	1.4	1710.7	16QAM	1	LOW	22.54	27.36	4.82	13	0.17	22.71	30	Pass
Band66	1.4	1710.7	16QAM	1	MID	22.08	27.36	5.28	13	0.17	22.25	30	Pass
Band66	1.4	1710.7	16QAM	1	HIGH	22.33	26.96	4.63	13	0.17	22.5	30	Pass
Band66	1.4	1745	QPSK	6	LOW	21.65	27.72	6.07	13	0.17	21.82	30	Pass
Band66	1.4	1745	QPSK	3	LOW	22.8	27.56	4.76	13	0.17	22.97	30	Pass
Band66	1.4	1745	QPSK	3	MID	22.82	27.53	4.71	13	0.17	22.99	30	Pass
Band66	1.4	1745	QPSK	3	HIGH	22.76	27.41	4.65	13	0.17	22.93	30	Pass
Band66	1.4	1745	QPSK	1	LOW	23.01	27.3	4.29	13	0.17	23.18	30	Pass
Band66	1.4	1745	QPSK	1	MID	23.03	27.21	4.18	13	0.17	23.2	30	Pass
Band66	1.4	1745	QPSK	1	HIGH	22.95	27.2	4.25	13	0.17	23.12	30	Pass
Band66	1.4	1745	16QAM	6	LOW	20.8	27.64	6.84	13	0.17	20.97	30	Pass
Band66	1.4	1745	16QAM	3	LOW	22.01	27.19	5.18	13	0.17	22.18	30	Pass
Band66	1.4	1745	16QAM	3	MID	22.01	27.17	5.16	13	0.17	22.18	30	Pass
Band66	1.4	1745	16QAM	3	HIGH	22.05	27.37	5.32	13	0.17	22.22	30	Pass
Band66	1.4	1745	16QAM	1	LOW	22.84	27.26	4.42	13	0.17	23.01	30	Pass
Band66	1.4	1745	16QAM	1	MID	22.81	27.18	4.37	13	0.17	22.98	30	Pass
Band66	1.4	1745	16QAM	1	HIGH	22.93	27.2	4.27	13	0.17	23.1	30	Pass
Band66	1.4	1779.3	QPSK	6	LOW	21.88	27.2	5.32	13	0.17	22.05	30	Pass
Band66	1.4	1779.3	QPSK	3	LOW	22.87	27.27	4.4	13	0.17	23.04	30	Pass
Band66	1.4	1779.3	QPSK	3	MID	22.96	27.24	4.28	13	0.17	23.13	30	Pass
Band66	1.4	1779.3	QPSK	3	HIGH	21.61	27.61	6	13	0.17	21.78	30	Pass
Band66	1.4	1779.3	QPSK	1	LOW	21.46	27.56	6.1	13	0.17	21.63	30	Pass
Band66	1.4	1779.3	QPSK	1	MID	22.92	27.1	4.18	13	0.17	23.09	30	Pass
Band66	1.4	1779.3	QPSK	1	HIGH	22.94	27.17	4.23	13	0.17	23.11	30	Pass
Band66	1.4	1779.3	16QAM	6	LOW	21.02	27.71	6.69	13	0.17	21.19	30	Pass
Band66	1.4	1779.3	16QAM	3	LOW	22.13	27.25	5.12	13	0.17	22.3	30	Pass
Band66	1.4	1779.3	16QAM	3	MID	22.06	27.17	5.11	13	0.17	22.23	30	Pass
Band66	1.4	1779.3	16QAM	3	HIGH	22.08	27.36	5.28	13	0.17	22.25	30	Pass

Band66	1.4	1779.3	16QAM	1	LOW	22.33	26.96	4.63	13	0.17	22.5	30	Pass
Band66	1.4	1779.3	16QAM	1	MID	22.33	26.97	4.64	13	0.17	22.5	30	Pass
Band66	1.4	1779.3	16QAM	1	HIGH	22.31	27.01	4.7	13	0.17	22.48	30	Pass
Band66	3	1711.5	QPSK	15	LOW	20.78	25.99	5.21	13	0.17	20.95	30	Pass
Band66	3	1711.5	QPSK	8	LOW	22.06	27.48	5.42	13	0.17	22.23	30	Pass
Band66	3	1711.5	QPSK	8	MID	22.04	27.41	5.37	13	0.17	22.21	30	Pass
Band66	3	1711.5	QPSK	8	HIGH	22.14	27.45	5.31	13	0.17	22.31	30	Pass
Band66	3	1711.5	QPSK	1	LOW	23	27.13	4.13	13	0.17	23.17	30	Pass
Band66	3	1711.5	QPSK	1	MID	23.02	27.21	4.19	13	0.17	23.19	30	Pass
Band66	3	1711.5	QPSK	1	HIGH	23	27.27	4.27	13	0.17	23.17	30	Pass
Band66	3	1711.5	16QAM	15	LOW	21.26	27.65	6.39	13	0.17	21.43	30	Pass
Band66	3	1711.5	16QAM	8	LOW	21.6	27.7	6.1	13	0.17	21.77	30	Pass
Band66	3	1711.5	16QAM	8	MID	21.61	27.61	6	13	0.17	21.78	30	Pass
Band66	3	1711.5	16QAM	8	HIGH	21.46	27.56	6.1	13	0.17	21.63	30	Pass
Band66	3	1711.5	16QAM	1	LOW	22.71	27.56	4.85	13	0.17	22.88	30	Pass
Band66	3	1711.5	16QAM	1	MID	22.55	27.6	5.05	13	0.17	22.72	30	Pass
Band66	3	1711.5	16QAM	1	HIGH	22.62	27.69	5.07	13	0.17	22.79	30	Pass
Band66	3	1745	QPSK	15	LOW	21.69	27.29	5.6	13	0.17	21.86	30	Pass
Band66	3	1745	QPSK	8	LOW	21.69	27.18	5.49	13	0.17	21.86	30	Pass
Band66	3	1745	QPSK	8	MID	21.7	27.29	5.59	13	0.17	21.87	30	Pass
Band66	3	1745	QPSK	8	HIGH	21.71	27.21	5.5	13	0.17	21.88	30	Pass
Band66	3	1745	QPSK	1	LOW	22.73	27.15	4.42	13	0.17	22.9	30	Pass
Band66	3	1745	QPSK	1	MID	22.74	27.02	4.28	13	0.17	22.91	30	Pass
Band66	3	1745	QPSK	1	HIGH	22.68	26.96	4.28	13	0.17	22.85	30	Pass
Band66	3	1745	16QAM	15	LOW	20.96	27.98	7.02	13	0.17	21.13	30	Pass
Band66	3	1745	16QAM	8	LOW	21.11	27.13	6.02	13	0.17	21.28	30	Pass
Band66	3	1745	16QAM	8	MID	21.01	27.15	6.14	13	0.17	21.18	30	Pass
Band66	3	1745	16QAM	8	HIGH	21.12	27.1	5.98	13	0.17	21.29	30	Pass
Band66	3	1745	16QAM	1	LOW	22.54	27.5	4.96	13	0.17	22.71	30	Pass
Band66	3	1745	16QAM	1	MID	22.54	27.38	4.84	13	0.17	22.71	30	Pass
Band66	3	1745	16QAM	1	HIGH	22.46	26.79	4.33	13	0.17	22.63	30	Pass
Band66	3	1778.5	QPSK	15	LOW	21.87	28.11	6.24	13	0.17	22.04	30	Pass
Band66	3	1778.5	QPSK	8	LOW	21.79	27.11	5.32	13	0.17	21.96	30	Pass
Band66	3	1778.5	QPSK	8	MID	21.75	27.28	5.53	13	0.17	21.92	30	Pass
Band66	3	1778.5	QPSK	8	HIGH	21.82	27.37	5.55	13	0.17	21.99	30	Pass
Band66	3	1778.5	QPSK	1	LOW	22.89	26.82	3.93	13	0.17	23.06	30	Pass
Band66	3	1778.5	QPSK	1	MID	22.86	26.89	4.03	13	0.17	23.03	30	Pass
Band66	3	1778.5	QPSK	1	HIGH	22.94	26.93	3.99	13	0.17	23.11	30	Pass
Band66	3	1778.5	16QAM	15	LOW	21.04	27.71	6.67	13	0.17	21.21	30	Pass
Band66	3	1778.5	16QAM	8	LOW	21.21	26.93	5.72	13	0.17	21.38	30	Pass
Band66	3	1778.5	16QAM	8	MID	21.2	27.01	5.81	13	0.17	21.37	30	Pass
Band66	3	1778.5	16QAM	8	HIGH	21.18	26.96	5.78	13	0.17	21.35	30	Pass
Band66	3	1778.5	16QAM	1	LOW	22	26.49	4.49	13	0.17	22.17	30	Pass
Band66	3	1778.5	16QAM	1	MID	21.86	26.48	4.62	13	0.17	22.03	30	Pass
Band66	3	1778.5	16QAM	1	HIGH	22.04	26.64	4.6	13	0.17	22.21	30	Pass
Band66	5	1712.5	QPSK	25	LOW	20.86	26.16	5.3	13	0.17	21.03	30	Pass
Band66	5	1712.5	QPSK	12	LOW	22.17	27.54	5.37	13	0.17	22.34	30	Pass

Band66	5	1712.5	QPSK	12	MID	22.17	27.57	5.4	13	0.17	22.34	30	Pass
Band66	5	1712.5	QPSK	12	HIGH	22.05	27.53	5.48	13	0.17	22.22	30	Pass
Band66	5	1712.5	QPSK	1	LOW	22.97	27.64	4.67	13	0.17	23.14	30	Pass
Band66	5	1712.5	QPSK	1	MID	23.15	27.77	4.62	13	0.17	23.32	30	Pass
Band66	5	1712.5	QPSK	1	HIGH	22.96	27.9	4.94	13	0.17	23.13	30	Pass
Band66	5	1712.5	16QAM	25	LOW	21.35	28.38	7.03	13	0.17	21.52	30	Pass
Band66	5	1712.5	16QAM	12	LOW	21.17	27.73	6.56	13	0.17	21.34	30	Pass
Band66	5	1712.5	16QAM	12	MID	21.34	27.69	6.35	13	0.17	21.51	30	Pass
Band66	5	1712.5	16QAM	12	HIGH	21.18	27.82	6.64	13	0.17	21.35	30	Pass
Band66	5	1712.5	16QAM	1	LOW	21.63	26.85	5.22	13	0.17	21.8	30	Pass
Band66	5	1712.5	16QAM	1	MID	21.59	26.89	5.3	13	0.17	21.76	30	Pass
Band66	5	1712.5	16QAM	1	HIGH	21.58	27.02	5.44	13	0.17	21.75	30	Pass
Band66	5	1745	QPSK	25	LOW	21.72	27.85	6.13	13	0.17	21.89	30	Pass
Band66	5	1745	QPSK	12	LOW	21.76	27.41	5.65	13	0.17	21.93	30	Pass
Band66	5	1745	QPSK	12	MID	21.77	27.54	5.77	13	0.17	21.94	30	Pass
Band66	5	1745	QPSK	12	HIGH	21.74	27.29	5.55	13	0.17	21.91	30	Pass
Band66	5	1745	QPSK	1	LOW	22.87	27.25	4.38	13	0.17	23.04	30	Pass
Band66	5	1745	QPSK	1	MID	22.92	27.08	4.16	13	0.17	23.09	30	Pass
Band66	5	1745	QPSK	1	HIGH	22.92	26.99	4.07	13	0.17	23.09	30	Pass
Band66	5	1745	16QAM	25	LOW	21.05	28.27	7.22	13	0.17	21.22	30	Pass
Band66	5	1745	16QAM	12	LOW	20.89	27.1	6.21	13	0.17	21.06	30	Pass
Band66	5	1745	16QAM	12	MID	20.9	27.13	6.23	13	0.17	21.07	30	Pass
Band66	5	1745	16QAM	12	HIGH	20.88	27	6.12	13	0.17	21.05	30	Pass
Band66	5	1745	16QAM	1	LOW	21.95	27.06	5.11	13	0.17	22.12	30	Pass
Band66	5	1745	16QAM	1	MID	22.02	26.99	4.97	13	0.17	22.19	30	Pass
Band66	5	1745	16QAM	1	HIGH	21.97	26.87	4.9	13	0.17	22.14	30	Pass
Band66	5	1777.5	QPSK	25	LOW	21.83	27.5	5.67	13	0.17	22	30	Pass
Band66	5	1777.5	QPSK	12	LOW	21.87	26.99	5.12	13	0.17	22.04	30	Pass
Band66	5	1777.5	QPSK	12	MID	21.86	27.02	5.16	13	0.17	22.03	30	Pass
Band66	5	1777.5	QPSK	12	HIGH	21.83	27.02	5.19	13	0.17	22	30	Pass
Band66	5	1777.5	QPSK	1	LOW	22.75	26.81	4.06	13	0.17	22.92	30	Pass
Band66	5	1777.5	QPSK	1	MID	22.87	26.97	4.1	13	0.17	23.04	30	Pass
Band66	5	1777.5	QPSK	1	HIGH	22.87	27.13	4.26	13	0.17	23.04	30	Pass
Band66	5	1777.5	16QAM	25	LOW	20.88	27.51	6.63	13	0.17	21.05	30	Pass
Band66	5	1777.5	16QAM	12	LOW	20.81	26.98	6.17	13	0.17	20.98	30	Pass
Band66	5	1777.5	16QAM	12	MID	20.82	26.86	6.04	13	0.17	20.99	30	Pass
Band66	5	1777.5	16QAM	12	HIGH	20.79	26.87	6.08	13	0.17	20.96	30	Pass
Band66	5	1777.5	16QAM	1	LOW	21.68	26.78	5.1	13	0.17	21.85	30	Pass
Band66	5	1777.5	16QAM	1	MID	21.69	26.87	5.18	13	0.17	21.86	30	Pass
Band66	5	1777.5	16QAM	1	HIGH	21.67	27.02	5.35	13	0.17	21.84	30	Pass
Band66	10	1715	QPSK	50	LOW	22.02	28.12	6.1	13	0.17	22.19	30	Pass
Band66	10	1715	QPSK	25	LOW	21.94	27.67	5.73	13	0.17	22.11	30	Pass
Band66	10	1715	QPSK	25	MID	21.95	27.66	5.71	13	0.17	22.12	30	Pass
Band66	10	1715	QPSK	25	HIGH	21.97	28.01	6.04	13	0.17	22.14	30	Pass
Band66	10	1715	QPSK	1	LOW	22.97	27.22	4.25	13	0.17	23.14	30	Pass
Band66	10	1715	QPSK	1	MID	22.97	27.42	4.45	13	0.17	23.14	30	Pass
Band66	10	1715	QPSK	1	HIGH	22.94	27.68	4.74	13	0.17	23.11	30	Pass

Band66	10	1715	16QAM	12	LOW	22.11	27.57	5.46	13	0.17	22.28	30	Pass
Band66	10	1715	16QAM	6	LOW	22.34	27.61	5.27	13	0.17	22.51	30	Pass
Band66	10	1715	16QAM	6	MID	22.35	27.61	5.26	13	0.17	22.52	30	Pass
Band66	10	1715	16QAM	6	HIGH	22.3	28.16	5.86	13	0.17	22.47	30	Pass
Band66	10	1715	16QAM	1	LOW	22.38	27.58	5.2	13	0.17	22.55	30	Pass
Band66	10	1715	16QAM	1	MID	22.39	27.75	5.36	13	0.17	22.56	30	Pass
Band66	10	1715	16QAM	1	HIGH	22.38	28.15	5.77	13	0.17	22.55	30	Pass
Band66	10	1745	QPSK	50	LOW	21.66	27.63	5.97	13	0.17	21.83	30	Pass
Band66	10	1745	QPSK	25	LOW	21.86	27.45	5.59	13	0.17	22.03	30	Pass
Band66	10	1745	QPSK	25	MID	21.86	27.52	5.66	13	0.17	22.03	30	Pass
Band66	10	1745	QPSK	25	HIGH	21.77	27.2	5.43	13	0.17	21.94	30	Pass
Band66	10	1745	QPSK	1	LOW	22.81	27.41	4.6	13	0.17	22.98	30	Pass
Band66	10	1745	QPSK	1	MID	22.9	27.15	4.25	13	0.17	23.07	30	Pass
Band66	10	1745	QPSK	1	HIGH	22.8	26.95	4.15	13	0.17	22.97	30	Pass
Band66	10	1745	16QAM	12	LOW	21.84	27.72	5.88	13	0.17	22.01	30	Pass
Band66	10	1745	16QAM	6	LOW	22.03	27.7	5.67	13	0.17	22.2	30	Pass
Band66	10	1745	16QAM	6	MID	22.03	27.73	5.7	13	0.17	22.2	30	Pass
Band66	10	1745	16QAM	6	HIGH	22.12	27.18	5.06	13	0.17	22.29	30	Pass
Band66	10	1745	16QAM	1	LOW	22.47	27.71	5.24	13	0.17	22.64	30	Pass
Band66	10	1745	16QAM	1	MID	22.35	26.67	4.32	13	0.17	22.52	30	Pass
Band66	10	1745	16QAM	1	HIGH	22.33	27.07	4.74	13	0.17	22.5	30	Pass
Band66	10	1775	QPSK	50	LOW	21.75	27.39	5.64	13	0.17	21.92	30	Pass
Band66	10	1775	QPSK	25	LOW	21.74	27.11	5.37	13	0.17	21.91	30	Pass
Band66	10	1775	QPSK	25	MID	21.74	27.06	5.32	13	0.17	21.91	30	Pass
Band66	10	1775	QPSK	25	HIGH	21.84	27.48	5.64	13	0.17	22.01	30	Pass
Band66	10	1775	QPSK	1	LOW	22.78	26.88	4.1	13	0.17	22.95	30	Pass
Band66	10	1775	QPSK	1	MID	22.91	26.75	3.84	13	0.17	23.08	30	Pass
Band66	10	1775	QPSK	1	HIGH	22.95	27	4.05	13	0.17	23.12	30	Pass
Band66	10	1775	16QAM	12	LOW	22	26.91	4.91	13	0.17	22.17	30	Pass
Band66	10	1775	16QAM	12	HIGH	22.01	27.2	5.19	13	0.17	22.18	30	Pass
Band66	10	1775	16QAM	6	LOW	22.13	26.85	4.72	13	0.17	22.3	30	Pass
Band66	10	1775	16QAM	6	MID	22.13	26.89	4.76	13	0.17	22.3	30	Pass
Band66	10	1775	16QAM	6	HIGH	22.26	27.26	5	13	0.17	22.43	30	Pass
Band66	10	1775	16QAM	1	LOW	21.52	26.11	4.59	13	0.17	21.69	30	Pass
Band66	10	1775	16QAM	1	MID	21.63	26.31	4.68	13	0.17	21.8	30	Pass
Band66	10	1775	16QAM	1	HIGH	21.64	26.48	4.84	13	0.17	21.81	30	Pass
Band66	15	1717.5	QPSK	75	LOW	22.1	28.75	6.65	13	0.17	22.27	30	Pass
Band66	15	1717.5	QPSK	38	LOW	22.1	28.8	6.7	13	0.17	22.27	30	Pass
Band66	15	1717.5	QPSK	38	MID	22.09	28.72	6.63	13	0.17	22.26	30	Pass
Band66	15	1717.5	QPSK	38	HIGH	22.09	28.79	6.7	13	0.17	22.26	30	Pass
Band66	15	1717.5	QPSK	1	LOW	22.95	27.26	4.31	13	0.17	23.12	30	Pass
Band66	15	1717.5	QPSK	1	MID	22.92	27.51	4.59	13	0.17	23.09	30	Pass
Band66	15	1717.5	QPSK	1	HIGH	22.96	27.83	4.87	13	0.17	23.13	30	Pass
Band66	15	1717.5	16QAM	16	LOW	22.28	27.96	5.68	13	0.17	22.45	30	Pass
Band66	15	1717.5	16QAM	8	LOW	22.45	27.73	5.28	13	0.17	22.62	30	Pass
Band66	15	1717.5	16QAM	8	MID	22.33	27.71	5.38	13	0.17	22.5	30	Pass
Band66	15	1717.5	16QAM	8	HIGH	22.29	28.46	6.17	13	0.17	22.46	30	Pass

Band66	15	1717.5	16QAM	1	LOW	22.34	27.82	5.48	13	0.17	22.51	30	Pass
Band66	15	1717.5	16QAM	1	MID	22.33	27.98	5.65	13	0.17	22.5	30	Pass
Band66	15	1717.5	16QAM	1	HIGH	22.26	28.37	6.11	13	0.17	22.43	30	Pass
Band66	15	1745	QPSK	75	LOW	21.74	27.94	6.2	13	0.17	21.91	30	Pass
Band66	15	1745	QPSK	38	LOW	21.75	28.09	6.34	13	0.17	21.92	30	Pass
Band66	15	1745	QPSK	38	MID	21.76	28.12	6.36	13	0.17	21.93	30	Pass
Band66	15	1745	QPSK	38	HIGH	21.76	28.1	6.34	13	0.17	21.93	30	Pass
Band66	15	1745	QPSK	1	LOW	22.81	27.61	4.8	13	0.17	22.98	30	Pass
Band66	15	1745	QPSK	1	MID	22.78	27.14	4.36	13	0.17	22.95	30	Pass
Band66	15	1745	QPSK	1	HIGH	22.86	26.97	4.11	13	0.17	23.03	30	Pass
Band66	15	1745	16QAM	16	LOW	22.02	27.79	5.77	13	0.17	22.19	30	Pass
Band66	15	1745	16QAM	8	LOW	22.01	27.79	5.78	13	0.17	22.18	30	Pass
Band66	15	1745	16QAM	8	MID	22.01	27.78	5.77	13	0.17	22.18	30	Pass
Band66	15	1745	16QAM	8	HIGH	22.08	26.97	4.89	13	0.17	22.25	30	Pass
Band66	15	1745	16QAM	1	LOW	22.89	28.14	5.25	13	0.17	23.06	30	Pass
Band66	15	1745	16QAM	1	MID	22.83	27.01	4.18	13	0.17	23	30	Pass
Band66	15	1745	16QAM	1	HIGH	22.86	27.45	4.59	13	0.17	23.03	30	Pass
Band66	15	1772.5	QPSK	75	LOW	21.66	27.76	6.1	13	0.17	21.83	30	Pass
Band66	15	1772.5	QPSK	38	LOW	21.75	27.84	6.09	13	0.17	21.92	30	Pass
Band66	15	1772.5	QPSK	38	MID	21.75	27.67	5.92	13	0.17	21.92	30	Pass
Band66	15	1772.5	QPSK	38	HIGH	21.74	27.82	6.08	13	0.17	21.91	30	Pass
Band66	15	1772.5	QPSK	1	LOW	22.8	27.07	4.27	13	0.17	22.97	30	Pass
Band66	15	1772.5	QPSK	1	MID	22.94	26.59	3.65	13	0.17	23.11	30	Pass
Band66	15	1772.5	QPSK	1	HIGH	22.85	27	4.15	13	0.17	23.02	30	Pass
Band66	15	1772.5	16QAM	16	LOW	21.98	26.9	4.92	13	0.17	22.15	30	Pass
Band66	15	1772.5	16QAM	16	HIGH	22.09	27.39	5.3	13	0.17	22.26	30	Pass
Band66	15	1772.5	16QAM	8	LOW	21.86	26.62	4.76	13	0.17	22.03	30	Pass
Band66	15	1772.5	16QAM	8	MID	21.87	26.62	4.75	13	0.17	22.04	30	Pass
Band66	15	1772.5	16QAM	8	HIGH	21.96	27.17	5.21	13	0.17	22.13	30	Pass
Band66	15	1772.5	16QAM	1	LOW	22.37	27.24	4.87	13	0.17	22.54	30	Pass
Band66	15	1772.5	16QAM	1	MID	22.55	26.47	3.92	13	0.17	22.72	30	Pass
Band66	15	1772.5	16QAM	1	HIGH	22.53	27.41	4.88	13	0.17	22.7	30	Pass
Band66	20	1720	QPSK	100	LOW	20.51	26.92	6.41	13	0.17	20.68	30	Pass
Band66	20	1720	QPSK	50	LOW	22.09	27.99	5.9	13	0.17	22.26	30	Pass
Band66	20	1720	QPSK	50	MID	22.09	27.94	5.85	13	0.17	22.26	30	Pass
Band66	20	1720	QPSK	50	HIGH	21.97	28.31	6.34	13	0.17	22.14	30	Pass
Band66	20	1720	QPSK	1	LOW	23.24	27.56	4.32	13	0.17	23.41	30	Pass
Band66	20	1720	QPSK	1	MID	23.13	27.9	4.77	13	0.17	23.3	30	Pass
Band66	20	1720	QPSK	1	HIGH	23.05	28.13	5.08	13	0.17	23.22	30	Pass
Band66	20	1720	16QAM	18	LOW	22.19	27.92	5.73	13	0.17	22.36	30	Pass
Band66	20	1720	16QAM	9	LOW	22.25	27.67	5.42	13	0.17	22.42	30	Pass
Band66	20	1720	16QAM	9	MID	22.36	27.7	5.34	13	0.17	22.53	30	Pass
Band66	20	1720	16QAM	9	HIGH	22.28	28.49	6.21	13	0.17	22.45	30	Pass
Band66	20	1720	16QAM	1	LOW	22.04	28.19	6.15	13	0.17	22.21	30	Pass
Band66	20	1720	16QAM	1	MID	22.01	27.58	5.57	13	0.17	22.18	30	Pass
Band66	20	1720	16QAM	1	HIGH	21.83	28.56	6.73	13	0.17	22	30	Pass
Band66	20	1745	QPSK	100	LOW	21.78	27.99	6.21	13	0.17	21.95	30	Pass

Band66	20	1745	QPSK	50	LOW	21.69	27.63	5.94	13	0.17	21.86	30	Pass
Band66	20	1745	QPSK	50	MID	21.7	27.57	5.87	13	0.17	21.87	30	Pass
Band66	20	1745	QPSK	50	HIGH	21.64	27.28	5.64	13	0.17	21.81	30	Pass
Band66	20	1745	QPSK	1	LOW	23.11	28.48	5.37	13	0.17	23.28	30	Pass
Band66	20	1745	QPSK	1	MID	23.11	27.13	4.02	13	0.17	23.28	30	Pass
Band66	20	1745	QPSK	1	HIGH	23.05	27.67	4.62	13	0.17	23.22	30	Pass
Band66	20	1745	16QAM	18	LOW	21.77	28.34	6.57	13	0.17	21.94	30	Pass
Band66	20	1745	16QAM	9	LOW	22.04	28.37	6.33	13	0.17	22.21	30	Pass
Band66	20	1745	16QAM	9	MID	22.04	28.36	6.32	13	0.17	22.21	30	Pass
Band66	20	1745	16QAM	9	HIGH	22.07	27.1	5.03	13	0.17	22.24	30	Pass
Band66	20	1745	16QAM	1	LOW	21.86	27.91	6.05	13	0.17	22.03	30	Pass
Band66	20	1745	16QAM	1	MID	21.83	27.29	5.46	13	0.17	22	30	Pass
Band66	20	1745	16QAM	1	HIGH	21.81	26.83	5.02	13	0.17	21.98	30	Pass
Band66	20	1770	QPSK	100	LOW	21.81	27.69	5.88	13	0.17	21.98	30	Pass
Band66	20	1770	QPSK	50	LOW	21.76	26.94	5.18	13	0.17	21.93	30	Pass
Band66	20	1770	QPSK	50	MID	21.76	26.96	5.2	13	0.17	21.93	30	Pass
Band66	20	1770	QPSK	50	HIGH	21.84	27.21	5.37	13	0.17	22.01	30	Pass
Band66	20	1770	QPSK	1	LOW	22.74	27.41	4.67	13	0.17	22.91	30	Pass
Band66	20	1770	QPSK	1	MID	22.8	26.48	3.68	13	0.17	22.97	30	Pass
Band66	20	1770	QPSK	1	HIGH	22.84	27.35	4.51	13	0.17	23.01	30	Pass
Band66	20	1770	16QAM	18	LOW	21.93	26.61	4.68	13	0.17	22.1	30	Pass
Band66	20	1770	16QAM	18	HIGH	22.07	27.14	5.07	13	0.17	22.24	30	Pass
Band66	20	1770	16QAM	9	LOW	21.97	27.02	5.05	13	0.17	22.14	30	Pass
Band66	20	1770	16QAM	9	MID	21.99	27.03	5.04	13	0.17	22.16	30	Pass
Band66	20	1770	16QAM	9	HIGH	22.1	27.23	5.13	13	0.17	22.27	30	Pass
Band66	20	1770	16QAM	1	LOW	22.45	27.26	4.81	13	0.17	22.62	30	Pass
Band66	20	1770	16QAM	1	MID	22.51	26.52	4.01	13	0.17	22.68	30	Pass
Band66	20	1770	16QAM	1	HIGH	22.53	27.92	5.39	13	0.17	22.7	30	Pass