

LTE Appendix A1

Product Name: AIoT Temperature&Humidity Datalogger

Model No.: S20

Frequency Stability

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
2	1.4	18607	1850.7	QPSK	6@0	-5.12	-0.00275	±2.5	PASS	VL
2	1.4	18607	1850.7	QPSK	6@0	-10.99	-0.00591	±2.5	PASS	VN
2	1.4	18607	1850.7	QPSK	6@0	-0.59	-0.00031	±2.5	PASS	VH
2	1.4	18607	1850.7	QPSK	6@0	-10.66	-0.00567	±2.5	PASS	-30℃
2	1.4	18607	1850.7	QPSK	6@0	-5.71	-0.003	±2.5	PASS	-20℃
2	1.4	18607	1850.7	QPSK	6@0	-14.68	-0.00772	±2.5	PASS	-10℃
2	1.4	18607	1850.7	QPSK	6@0	-7.14	-0.00417	±2.5	PASS	0℃
2	1.4	18607	1850.7	QPSK	6@0	-2.53	-0.00148	±2.5	PASS	10℃
2	1.4	18607	1850.7	QPSK	6@0	-1.96	-0.00113	±2.5	PASS	20℃
2	1.4	18607	1850.7	QPSK	6@0	-2.72	-0.00157	±2.5	PASS	30℃
2	1.4	18607	1850.7	QPSK	6@0	-6.88	-0.00393	±2.5	PASS	40℃
2	1.4	18607	1850.7	QPSK	6@0	-1.43	-0.00077	±2.5	PASS	50℃
2	1.4	18900	1880.0	QPSK	6@0	-6.09	-0.00324	±2.5	PASS	VL
2	1.4	18900	1880.0	QPSK	6@0	-3.3	-0.00176	±2.5	PASS	VN
2	1.4	18900	1880.0	QPSK	6@0	0.32	0.00017	±2.5	PASS	VH
2	1.4	18900	1880.0	QPSK	6@0	-4.72	-0.00251	±2.5	PASS	-30℃
2	1.4	18900	1880.0	QPSK	6@0	-5.01	-0.00266	±2.5	PASS	-20℃
2	1.4	18900	1880.0	QPSK	6@0	-5.35	-0.00285	±2.5	PASS	-10℃
2	1.4	18900	1880.0	QPSK	6@0	-1.7	-0.00091	±2.5	PASS	0℃
2	1.4	18900	1880.0	QPSK	6@0	3.2	0.0017	±2.5	PASS	10℃
2	1.4	18900	1880.0	QPSK	6@0	-1.03	-0.00055	±2.5	PASS	20℃
2	1.4	18900	1880.0	QPSK	6@0	3.98	0.00212	±2.5	PASS	30℃
2	1.4	18900	1880.0	QPSK	6@0	-6.39	-0.0034	±2.5	PASS	40℃
2	1.4	18900	1880.0	QPSK	6@0	-1.62	-0.00086	±2.5	PASS	50℃
2	1.4	19193	1909.3	QPSK	6@0	-1.89	-0.00099	±2.5	PASS	VL
2	1.4	19193	1909.3	QPSK	6@0	-1.8	-0.00094	±2.5	PASS	VN
2	1.4	19193	1909.3	QPSK	6@0	-0.96	-0.0005	±2.5	PASS	VH
2	1.4	19193	1909.3	QPSK	6@0	-0.46	-0.00024	±2.5	PASS	-30℃
2	1.4	19193	1909.3	QPSK	6@0	-3.69	-0.00193	±2.5	PASS	-20℃
2	1.4	19193	1909.3	QPSK	6@0	-6.14	-0.00321	±2.5	PASS	-10℃
2	1.4	19193	1909.3	QPSK	6@0	-1.63	-0.00085	±2.5	PASS	0℃
2	1.4	19193	1909.3	QPSK	6@0	-1.26	-0.00066	±2.5	PASS	10℃
2	1.4	19193	1909.3	QPSK	6@0	-2.68	-0.0014	±2.5	PASS	20℃
2	1.4	19193	1909.3	QPSK	6@0	0.57	0.0003	±2.5	PASS	30℃

2	1.4	19193	1909.3	QPSK	6@0	-4.21	-0.0022	±2.5	PASS	40℃
2	1.4	19193	1909.3	QPSK	6@0	-6.71	-0.00351	±2.5	PASS	50℃
2	3.0	18615	1851.5	QPSK	15@0	-7.74	-0.00418	±2.5	PASS	VL
2	3.0	18615	1851.5	QPSK	15@0	-5.12	-0.00275	±2.5	PASS	VN
2	3.0	18615	1851.5	QPSK	15@0	-10.99	-0.00591	±2.5	PASS	VH
2	3.0	18615	1851.5	QPSK	15@0	-0.59	-0.00031	±2.5	PASS	-30℃
2	3.0	18615	1851.5	QPSK	15@0	-10.66	-0.00567	±2.5	PASS	-20℃
2	3.0	18615	1851.5	QPSK	15@0	-5.71	-0.003	±2.5	PASS	-10℃
2	3.0	18615	1851.5	QPSK	15@0	-14.68	-0.00772	±2.5	PASS	0℃
2	3.0	18615	1851.5	QPSK	15@0	-7.14	-0.00417	±2.5	PASS	10℃
2	3.0	18615	1851.5	QPSK	15@0	-2.53	-0.00148	±2.5	PASS	20℃
2	3.0	18615	1851.5	QPSK	15@0	-1.96	-0.00113	±2.5	PASS	30℃
2	3.0	18615	1851.5	QPSK	15@0	-2.72	-0.00157	±2.5	PASS	40℃
2	3.0	18615	1851.5	QPSK	15@0	-6.88	-0.00393	±2.5	PASS	50℃
2	3.0	18900	1880.0	QPSK	15@0	-2.62	-0.00139	±2.5	PASS	VL
2	3.0	18900	1880.0	QPSK	15@0	-0.63	-0.00033	±2.5	PASS	VN
2	3.0	18900	1880.0	QPSK	15@0	2.03	0.00108	±2.5	PASS	VH
2	3.0	18900	1880.0	QPSK	15@0	-0.69	-0.00037	±2.5	PASS	-30℃
2	3.0	18900	1880.0	QPSK	15@0	-3.73	-0.00199	±2.5	PASS	-20℃
2	3.0	18900	1880.0	QPSK	15@0	0.24	0.00013	±2.5	PASS	-10℃
2	3.0	18900	1880.0	QPSK	15@0	-3.45	-0.00183	±2.5	PASS	0℃
2	3.0	18900	1880.0	QPSK	15@0	0.32	0.00017	±2.5	PASS	10℃
2	3.0	18900	1880.0	QPSK	15@0	-4.58	-0.00243	±2.5	PASS	20℃
2	3.0	18900	1880.0	QPSK	15@0	1.99	0.00106	±2.5	PASS	30℃
2	3.0	18900	1880.0	QPSK	15@0	-1.37	-0.00073	±2.5	PASS	40℃
2	3.0	18900	1880.0	QPSK	15@0	4.61	0.00245	±2.5	PASS	50℃
2	3.0	19185	1908.5	QPSK	15@0	-1.3	-0.00068	±2.5	PASS	VL
2	3.0	19185	1908.5	QPSK	15@0	-2.0	-0.00105	±2.5	PASS	VN
2	3.0	19185	1908.5	QPSK	15@0	-1.85	-0.00097	±2.5	PASS	VH
2	3.0	19185	1908.5	QPSK	15@0	-5.12	-0.00275	±2.5	PASS	-30℃
2	3.0	19185	1908.5	QPSK	15@0	-10.99	-0.00591	±2.5	PASS	-20℃
2	3.0	19185	1908.5	QPSK	15@0	-0.59	-0.00031	±2.5	PASS	-10℃
2	3.0	19185	1908.5	QPSK	15@0	-10.66	-0.00567	±2.5	PASS	0℃
2	3.0	19185	1908.5	QPSK	15@0	-5.71	-0.003	±2.5	PASS	10℃
2	3.0	19185	1908.5	QPSK	15@0	-3.79	-0.00199	±2.5	PASS	20℃
2	3.0	19185	1908.5	QPSK	15@0	0.3	0.00016	±2.5	PASS	30℃
2	3.0	19185	1908.5	QPSK	15@0	3.18	0.00166	±2.5	PASS	40℃

2	3.0	19185	1908.5	QPSK	15@0	-6.91	-0.00362	±2.5	PASS	50℃
2	5.0	18625	1852.5	QPSK	25@0	-2.95	-0.00159	±2.5	PASS	VL
2	5.0	18625	1852.5	QPSK	25@0	-2.86	-0.00154	±2.5	PASS	VN
2	5.0	18625	1852.5	QPSK	25@0	2.89	0.00156	±2.5	PASS	VH
2	5.0	18625	1852.5	QPSK	25@0	-3.99	-0.00215	±2.5	PASS	-30℃
2	5.0	18625	1852.5	QPSK	25@0	-3.68	-0.00198	±2.5	PASS	-20℃
2	5.0	18625	1852.5	QPSK	25@0	-3.55	-0.00192	±2.5	PASS	-10℃
2	5.0	18625	1852.5	QPSK	25@0	1.82	0.00098	±2.5	PASS	0℃
2	5.0	18625	1852.5	QPSK	25@0	0.32	0.00017	±2.5	PASS	10℃
2	5.0	18625	1852.5	QPSK	25@0	-0.87	-0.00047	±2.5	PASS	20℃
2	5.0	18625	1852.5	QPSK	25@0	-1.75	-0.00094	±2.5	PASS	30℃
2	5.0	18625	1852.5	QPSK	25@0	2.02	0.00109	±2.5	PASS	40℃
2	5.0	18625	1852.5	QPSK	25@0	-1.62	-0.00087	±2.5	PASS	50℃
2	5.0	18900	1880.0	QPSK	25@0	-3.18	-0.00169	±2.5	PASS	VL
2	5.0	18900	1880.0	QPSK	25@0	-0.73	-0.00039	±2.5	PASS	VN
2	5.0	18900	1880.0	QPSK	25@0	0.32	0.00017	±2.5	PASS	VH
2	5.0	18900	1880.0	QPSK	25@0	-4.33	-0.00231	±2.5	PASS	-30℃
2	5.0	18900	1880.0	QPSK	25@0	0.87	0.00046	±2.5	PASS	-20℃
2	5.0	18900	1880.0	QPSK	25@0	-1.22	-0.00065	±2.5	PASS	-10℃
2	5.0	18900	1880.0	QPSK	25@0	-1.73	-0.00092	±2.5	PASS	0℃
2	5.0	18900	1880.0	QPSK	25@0	-9.41	-0.00501	±2.5	PASS	10℃
2	5.0	18900	1880.0	QPSK	25@0	2.52	0.00134	±2.5	PASS	20℃
2	5.0	18900	1880.0	QPSK	25@0	5.15	0.00274	±2.5	PASS	30℃
2	5.0	18900	1880.0	QPSK	25@0	-6.81	-0.00362	±2.5	PASS	40℃
2	5.0	18900	1880.0	QPSK	25@0	7.31	0.00389	±2.5	PASS	50℃
2	5.0	19175	1907.5	QPSK	25@0	-6.09	-0.00319	±2.5	PASS	VL
2	5.0	19175	1907.5	QPSK	25@0	1.69	0.00088	±2.5	PASS	VN
2	5.0	19175	1907.5	QPSK	25@0	0.44	0.00023	±2.5	PASS	VH
2	5.0	19175	1907.5	QPSK	25@0	-3.89	-0.00204	±2.5	PASS	-30℃
2	5.0	19175	1907.5	QPSK	25@0	2.63	0.00138	±2.5	PASS	-20℃
2	5.0	19175	1907.5	QPSK	25@0	0.39	0.0002	±2.5	PASS	-10℃
2	5.0	19175	1907.5	QPSK	25@0	-0.47	-0.00025	±2.5	PASS	0℃
2	5.0	19175	1907.5	QPSK	25@0	-0.84	-0.00044	±2.5	PASS	10℃
2	5.0	19175	1907.5	QPSK	25@0	-1.47	-0.00077	±2.5	PASS	20℃
2	5.0	19175	1907.5	QPSK	25@0	-2.66	-0.00139	±2.5	PASS	30℃
2	5.0	19175	1907.5	QPSK	25@0	-0.36	-0.00019	±2.5	PASS	40℃
2	5.0	19175	1907.5	QPSK	25@0	2.4	0.00126	±2.5	PASS	50℃

2	10.0	18650	1855.0	QPSK	50@0	-6.59	-0.00356	±2.5	PASS	VL
2	10.0	18650	1855.0	QPSK	50@0	-1.8	-0.00097	±2.5	PASS	VN
2	10.0	18650	1855.0	QPSK	50@0	-1.43	-0.00077	±2.5	PASS	VH
2	10.0	18650	1855.0	QPSK	50@0	-2.53	-0.00136	±2.5	PASS	-30℃
2	10.0	18650	1855.0	QPSK	50@0	-5.68	-0.00306	±2.5	PASS	-20℃
2	10.0	18650	1855.0	QPSK	50@0	-2.72	-0.00147	±2.5	PASS	-10℃
2	10.0	18650	1855.0	QPSK	50@0	4.92	0.00265	±2.5	PASS	0℃
2	10.0	18650	1855.0	QPSK	50@0	-3.1	-0.00167	±2.5	PASS	10℃
2	10.0	18650	1855.0	QPSK	50@0	2.25	0.00121	±2.5	PASS	20℃
2	10.0	18650	1855.0	QPSK	50@0	-0.79	-0.00042	±2.5	PASS	30℃
2	10.0	18650	1855.0	QPSK	50@0	-2.02	-0.00109	±2.5	PASS	40℃
2	10.0	18650	1855.0	QPSK	50@0	-1.85	-0.00099	±2.5	PASS	50℃
2	10.0	18900	1880.0	QPSK	50@0	-7.65	-0.00407	±2.5	PASS	VL
2	10.0	18900	1880.0	QPSK	50@0	1.67	0.00089	±2.5	PASS	VN
2	10.0	18900	1880.0	QPSK	50@0	0.46	0.00024	±2.5	PASS	VH
2	10.0	18900	1880.0	QPSK	50@0	2.25	0.00119	±2.5	PASS	-30℃
2	10.0	18900	1880.0	QPSK	50@0	1.85	0.00098	±2.5	PASS	-20℃
2	10.0	18900	1880.0	QPSK	50@0	1.73	0.00092	±2.5	PASS	-10℃
2	10.0	18900	1880.0	QPSK	50@0	-0.37	-0.0002	±2.5	PASS	0℃
2	10.0	18900	1880.0	QPSK	50@0	-1.12	-0.00059	±2.5	PASS	10℃
2	10.0	18900	1880.0	QPSK	50@0	-0.77	-0.00041	±2.5	PASS	20℃
2	10.0	18900	1880.0	QPSK	50@0	-2.29	-0.00122	±2.5	PASS	30℃
2	10.0	18900	1880.0	QPSK	50@0	-2.85	-0.00151	±2.5	PASS	40℃
2	10.0	18900	1880.0	QPSK	50@0	1.66	0.00088	±2.5	PASS	50℃
2	10.0	19150	1905.0	QPSK	50@0	2.1	0.0011	±2.5	PASS	VL
2	10.0	19150	1905.0	QPSK	50@0	-2.6	-0.00137	±2.5	PASS	VN
2	10.0	19150	1905.0	QPSK	50@0	-2.32	-0.00122	±2.5	PASS	VH
2	10.0	19150	1905.0	QPSK	50@0	-0.43	-0.00023	±2.5	PASS	-30℃
2	10.0	19150	1905.0	QPSK	50@0	-0.31	-0.00017	±2.5	PASS	-20℃
2	10.0	19150	1905.0	QPSK	50@0	-0.99	-0.00052	±2.5	PASS	-10℃
2	10.0	19150	1905.0	QPSK	50@0	-1.33	-0.0007	±2.5	PASS	0℃
2	10.0	19150	1905.0	QPSK	50@0	6.58	0.00345	±2.5	PASS	10℃
2	10.0	19150	1905.0	QPSK	50@0	-0.41	-0.00022	±2.5	PASS	20℃
2	10.0	19150	1905.0	QPSK	50@0	0.37	0.0002	±2.5	PASS	30℃
2	10.0	19150	1905.0	QPSK	50@0	3.72	0.00195	±2.5	PASS	40℃
2	10.0	19150	1905.0	QPSK	50@0	2.85	0.00149	±2.5	PASS	50℃
2	15.0	18675	1857.5	QPSK	75@0	-3.45	-0.00186	±2.5	PASS	VL

2	15.0	18675	1857.5	QPSK	75@0	-4.92	-0.00265	±2.5	PASS	VN
2	15.0	18675	1857.5	QPSK	75@0	-0.72	-0.00039	±2.5	PASS	VH
2	15.0	18675	1857.5	QPSK	75@0	-4.91	-0.00264	±2.5	PASS	-30℃
2	15.0	18675	1857.5	QPSK	75@0	-0.59	-0.00032	±2.5	PASS	-20℃
2	15.0	18675	1857.5	QPSK	75@0	0.32	0.00017	±2.5	PASS	-10℃
2	15.0	18675	1857.5	QPSK	75@0	5.16	0.00278	±2.5	PASS	0℃
2	15.0	18675	1857.5	QPSK	75@0	-3.5	-0.00189	±2.5	PASS	10℃
2	15.0	18675	1857.5	QPSK	75@0	-8.61	-0.00464	±2.5	PASS	20℃
2	15.0	18675	1857.5	QPSK	75@0	2.86	0.00154	±2.5	PASS	30℃
2	15.0	18675	1857.5	QPSK	75@0	0.51	0.00028	±2.5	PASS	40℃
2	15.0	18675	1857.5	QPSK	75@0	-1.07	-0.00058	±2.5	PASS	50℃
2	15.0	18900	1880.0	QPSK	75@0	-3.6	-0.00192	±2.5	PASS	VL
2	15.0	18900	1880.0	QPSK	75@0	-4.84	-0.00257	±2.5	PASS	VN
2	15.0	18900	1880.0	QPSK	75@0	-5.41	-0.00288	±2.5	PASS	VH
2	15.0	18900	1880.0	QPSK	75@0	-2.16	-0.00115	±2.5	PASS	-30℃
2	15.0	18900	1880.0	QPSK	75@0	-1.14	-0.00061	±2.5	PASS	-20℃
2	15.0	18900	1880.0	QPSK	75@0	1.04	0.00056	±2.5	PASS	-10℃
2	15.0	18900	1880.0	QPSK	75@0	-8.27	-0.0044	±2.5	PASS	0℃
2	15.0	18900	1880.0	QPSK	75@0	-0.56	-0.00079	±2.5	PASS	10℃
2	15.0	18900	1880.0	QPSK	75@0	-2.55	-0.0036	±2.5	PASS	20℃
2	15.0	18900	1880.0	QPSK	75@0	-2.49	-0.00349	±2.5	PASS	30℃
2	15.0	18900	1880.0	QPSK	75@0	-2.95	-0.00413	±2.5	PASS	40℃
2	15.0	18900	1880.0	QPSK	75@0	-0.23	-0.00033	±2.5	PASS	50℃
2	15.0	19125	1902.5	QPSK	75@0	-5.49	-0.0078	±2.5	PASS	VL
2	15.0	19125	1902.5	QPSK	75@0	0.51	0.00073	±2.5	PASS	VN
2	15.0	19125	1902.5	QPSK	75@0	-7.3	-0.01031	±2.5	PASS	VH
2	15.0	19125	1902.5	QPSK	75@0	-0.6	-0.00085	±2.5	PASS	-30℃
2	15.0	19125	1902.5	QPSK	75@0	-6.12	-0.00861	±2.5	PASS	-20℃
2	15.0	19125	1902.5	QPSK	75@0	-8.03	-0.00422	±2.5	PASS	-10℃
2	15.0	19125	1902.5	QPSK	75@0	1.63	0.00086	±2.5	PASS	0℃
2	15.0	19125	1902.5	QPSK	75@0	1.42	0.00074	±2.5	PASS	10℃
2	15.0	19125	1902.5	QPSK	75@0	-3.91	-0.00205	±2.5	PASS	20℃
2	15.0	19125	1902.5	QPSK	75@0	2.76	0.00145	±2.5	PASS	30℃
2	15.0	19125	1902.5	QPSK	75@0	0.86	0.00045	±2.5	PASS	40℃
2	15.0	19125	1902.5	QPSK	75@0	-4.32	-0.00227	±2.5	PASS	50℃
2	20.0	18700	1860.0	QPSK	100@0	-8.74	-0.0047	±2.5	PASS	VL
2	20.0	18700	1860.0	QPSK	100@0	-1.96	-0.00105	±2.5	PASS	VN

2	20.0	18700	1860.0	QPSK	100@0	-3.0	-0.00162	±2.5	PASS	VH
2	20.0	18700	1860.0	QPSK	100@0	-0.56	-0.00079	±2.5	PASS	-30℃
2	20.0	18700	1860.0	QPSK	100@0	-2.55	-0.0036	±2.5	PASS	-20℃
2	20.0	18700	1860.0	QPSK	100@0	-2.49	-0.00349	±2.5	PASS	-10℃
2	20.0	18700	1860.0	QPSK	100@0	-2.95	-0.00413	±2.5	PASS	0℃
2	20.0	18700	1860.0	QPSK	100@0	-0.23	-0.00033	±2.5	PASS	10℃
2	20.0	18700	1860.0	QPSK	100@0	-5.49	-0.0078	±2.5	PASS	20℃
2	20.0	18700	1860.0	QPSK	100@0	0.51	0.00073	±2.5	PASS	30℃
2	20.0	18700	1860.0	QPSK	100@0	-7.3	-0.01031	±2.5	PASS	40℃
2	20.0	18700	1860.0	QPSK	100@0	-0.6	-0.00085	±2.5	PASS	50℃
2	20.0	18900	1880.0	QPSK	100@0	-6.85	-0.00364	±2.5	PASS	VL
2	20.0	18900	1880.0	QPSK	100@0	-9.51	-0.00506	±2.5	PASS	VN
2	20.0	18900	1880.0	QPSK	100@0	-2.27	-0.00121	±2.5	PASS	VH
2	20.0	18900	1880.0	QPSK	100@0	-1.14	-0.00061	±2.5	PASS	-30℃
2	20.0	18900	1880.0	QPSK	100@0	-0.93	-0.00049	±2.5	PASS	-20℃
2	20.0	18900	1880.0	QPSK	100@0	-3.83	-0.00204	±2.5	PASS	-10℃
2	20.0	18900	1880.0	QPSK	100@0	0.32	0.00017	±2.5	PASS	0℃
2	20.0	18900	1880.0	QPSK	100@0	-0.53	-0.00028	±2.5	PASS	10℃
2	20.0	18900	1880.0	QPSK	100@0	-5.41	-0.00288	±2.5	PASS	20℃
2	20.0	18900	1880.0	QPSK	100@0	-1.12	-0.00059	±2.5	PASS	30℃
2	20.0	18900	1880.0	QPSK	100@0	1.42	0.00075	±2.5	PASS	40℃
2	20.0	18900	1880.0	QPSK	100@0	-0.74	-0.0004	±2.5	PASS	50℃
2	20.0	19100	1900.0	QPSK	100@0	-6.92	-0.00364	±2.5	PASS	VL
2	20.0	19100	1900.0	QPSK	100@0	-6.42	-0.00338	±2.5	PASS	VN
2	20.0	19100	1900.0	QPSK	100@0	-7.07	-0.00372	±2.5	PASS	VH
2	20.0	19100	1900.0	QPSK	100@0	-4.62	-0.00243	±2.5	PASS	-30℃
2	20.0	19100	1900.0	QPSK	100@0	-0.79	-0.00041	±2.5	PASS	-20℃
2	20.0	19100	1900.0	QPSK	100@0	-4.29	-0.00226	±2.5	PASS	-10℃
2	20.0	19100	1900.0	QPSK	100@0	-3.1	-0.00163	±2.5	PASS	0℃
2	20.0	19100	1900.0	QPSK	100@0	0.4	0.00021	±2.5	PASS	10℃
2	20.0	19100	1900.0	QPSK	100@0	-3.19	-0.00168	±2.5	PASS	20℃
2	20.0	19100	1900.0	QPSK	100@0	0.99	0.00052	±2.5	PASS	30℃
2	20.0	19100	1900.0	QPSK	100@0	-4.19	-0.00221	±2.5	PASS	40℃
2	20.0	19100	1900.0	QPSK	100@0	-4.15	-0.00218	±2.5	PASS	50℃
4	1.4	19957	1710.7	QPSK	6@0	-0.54	-0.00032	±2.5	PASS	VL
4	1.4	19957	1710.7	QPSK	6@0	-3.02	-0.00176	±2.5	PASS	VN
4	1.4	19957	1710.7	QPSK	6@0	-1.8	-0.00105	±2.5	PASS	VH

4	1.4	19957	1710.7	QPSK	6@0	3.02	0.00176	±2.5	PASS	-30℃
4	1.4	19957	1710.7	QPSK	6@0	-2.66	-0.00156	±2.5	PASS	-20℃
4	1.4	19957	1710.7	QPSK	6@0	-1.7	-0.001	±2.5	PASS	-10℃
4	1.4	19957	1710.7	QPSK	6@0	-0.74	-0.00043	±2.5	PASS	0℃
4	1.4	19957	1710.7	QPSK	6@0	2.65	0.00155	±2.5	PASS	10℃
4	1.4	19957	1710.7	QPSK	6@0	-2.82	-0.00165	±2.5	PASS	20℃
4	1.4	19957	1710.7	QPSK	6@0	-1.46	-0.00085	±2.5	PASS	30℃
4	1.4	19957	1710.7	QPSK	6@0	-4.08	-0.00238	±2.5	PASS	40℃
4	1.4	19957	1710.7	QPSK	6@0	-1.8	-0.00105	±2.5	PASS	50℃
4	1.4	20175	1732.5	QPSK	6@0	-3.69	-0.00213	±2.5	PASS	VL
4	1.4	20175	1732.5	QPSK	6@0	-3.68	-0.00212	±2.5	PASS	VN
4	1.4	20175	1732.5	QPSK	6@0	0.32	0.00018	±2.5	PASS	VH
4	1.4	20175	1732.5	QPSK	6@0	-4.03	-0.00233	±2.5	PASS	-30℃
4	1.4	20175	1732.5	QPSK	6@0	-1.16	-0.00067	±2.5	PASS	-20℃
4	1.4	20175	1732.5	QPSK	6@0	-2.03	-0.00117	±2.5	PASS	-10℃
4	1.4	20175	1732.5	QPSK	6@0	-2.85	-0.00164	±2.5	PASS	0℃
4	1.4	20175	1732.5	QPSK	6@0	-2.03	-0.00117	±2.5	PASS	10℃
4	1.4	20175	1732.5	QPSK	6@0	-4.09	-0.00236	±2.5	PASS	20℃
4	1.4	20175	1732.5	QPSK	6@0	0.6	0.00035	±2.5	PASS	30℃
4	1.4	20175	1732.5	QPSK	6@0	5.12	0.00296	±2.5	PASS	40℃
4	1.4	20175	1732.5	QPSK	6@0	0.32	0.00018	±2.5	PASS	50℃
4	1.4	20393	1754.3	QPSK	6@0	0.56	0.00032	±2.5	PASS	VL
4	1.4	20393	1754.3	QPSK	6@0	0.44	0.00025	±2.5	PASS	VN
4	1.4	20393	1754.3	QPSK	6@0	0.39	0.00022	±2.5	PASS	VH
4	1.4	20393	1754.3	QPSK	6@0	-3.48	-0.00198	±2.5	PASS	-30℃
4	1.4	20393	1754.3	QPSK	6@0	-7.37	-0.0042	±2.5	PASS	-20℃
4	1.4	20393	1754.3	QPSK	6@0	2.06	0.00117	±2.5	PASS	-10℃
4	1.4	20393	1754.3	QPSK	6@0	-1.54	-0.00088	±2.5	PASS	0℃
4	1.4	20393	1754.3	QPSK	6@0	0.33	0.00019	±2.5	PASS	10℃
4	1.4	20393	1754.3	QPSK	6@0	-0.9	-0.00051	±2.5	PASS	20℃
4	1.4	20393	1754.3	QPSK	6@0	-2.26	-0.00129	±2.5	PASS	30℃
4	1.4	20393	1754.3	QPSK	6@0	-2.63	-0.0015	±2.5	PASS	40℃
4	1.4	20393	1754.3	QPSK	6@0	-3.35	-0.00191	±2.5	PASS	50℃
4	3.0	19965	1711.5	QPSK	15@0	-9.27	-0.00542	±2.5	PASS	VL
4	3.0	19965	1711.5	QPSK	15@0	-4.69	-0.00274	±2.5	PASS	VN
4	3.0	19965	1711.5	QPSK	15@0	-3.71	-0.00216	±2.5	PASS	VH
4	3.0	19965	1711.5	QPSK	15@0	-0.21	-0.00013	±2.5	PASS	-30℃

4	3.0	19965	1711.5	QPSK	15@0	-2.9	-0.0017	±2.5	PASS	-20℃
4	3.0	19965	1711.5	QPSK	15@0	1.07	0.00063	±2.5	PASS	-10℃
4	3.0	19965	1711.5	QPSK	15@0	-2.75	-0.0016	±2.5	PASS	0℃
4	3.0	19965	1711.5	QPSK	15@0	-6.14	-0.00359	±2.5	PASS	10℃
4	3.0	19965	1711.5	QPSK	15@0	-1.04	-0.00061	±2.5	PASS	20℃
4	3.0	19965	1711.5	QPSK	15@0	0.66	0.00038	±2.5	PASS	30℃
4	3.0	19965	1711.5	QPSK	15@0	-6.37	-0.00372	±2.5	PASS	40℃
4	3.0	19965	1711.5	QPSK	15@0	0.23	0.00013	±2.5	PASS	50℃
4	3.0	20175	1732.5	QPSK	15@0	1.9	0.0011	±2.5	PASS	VL
4	3.0	20175	1732.5	QPSK	15@0	1.7	0.00098	±2.5	PASS	VN
4	3.0	20175	1732.5	QPSK	15@0	-2.02	-0.00116	±2.5	PASS	VH
4	3.0	20175	1732.5	QPSK	15@0	5.55	0.0032	±2.5	PASS	-30℃
4	3.0	20175	1732.5	QPSK	15@0	-3.1	-0.00179	±2.5	PASS	-20℃
4	3.0	20175	1732.5	QPSK	15@0	2.69	0.00155	±2.5	PASS	-10℃
4	3.0	20175	1732.5	QPSK	15@0	1.46	0.00084	±2.5	PASS	0℃
4	3.0	20175	1732.5	QPSK	15@0	-1.07	-0.00062	±2.5	PASS	10℃
4	3.0	20175	1732.5	QPSK	15@0	0.32	0.00018	±2.5	PASS	20℃
4	3.0	20175	1732.5	QPSK	15@0	1.65	0.00095	±2.5	PASS	30℃
4	3.0	20175	1732.5	QPSK	15@0	4.43	0.00256	±2.5	PASS	40℃
4	3.0	20175	1732.5	QPSK	15@0	3.45	0.00199	±2.5	PASS	50℃
4	3.0	20385	1753.5	QPSK	15@0	-3.58	-0.00204	±2.5	PASS	VL
4	3.0	20385	1753.5	QPSK	15@0	2.2	0.00126	±2.5	PASS	VN
4	3.0	20385	1753.5	QPSK	15@0	2.79	0.00159	±2.5	PASS	VH
4	3.0	20385	1753.5	QPSK	15@0	-3.86	-0.0022	±2.5	PASS	-30℃
4	3.0	20385	1753.5	QPSK	15@0	2.8	0.0016	±2.5	PASS	-20℃
4	3.0	20385	1753.5	QPSK	15@0	0.79	0.00045	±2.5	PASS	-10℃
4	3.0	20385	1753.5	QPSK	15@0	-3.45	-0.00197	±2.5	PASS	0℃
4	3.0	20385	1753.5	QPSK	15@0	-0.79	-0.00045	±2.5	PASS	10℃
4	3.0	20385	1753.5	QPSK	15@0	1.1	0.00063	±2.5	PASS	20℃
4	3.0	20385	1753.5	QPSK	15@0	-1.03	-0.00059	±2.5	PASS	30℃
4	3.0	20385	1753.5	QPSK	15@0	-0.34	-0.0002	±2.5	PASS	40℃
4	3.0	20385	1753.5	QPSK	15@0	-2.49	-0.00142	±2.5	PASS	50℃
4	5.0	19975	1712.5	QPSK	25@0	-5.22	-0.00305	±2.5	PASS	VL
4	5.0	19975	1712.5	QPSK	25@0	-3.69	-0.00216	±2.5	PASS	VN
4	5.0	19975	1712.5	QPSK	25@0	-6.02	-0.00352	±2.5	PASS	VH
4	5.0	19975	1712.5	QPSK	25@0	-0.47	-0.00028	±2.5	PASS	-30℃
4	5.0	19975	1712.5	QPSK	25@0	-2.75	-0.0016	±2.5	PASS	-20℃

4	5.0	19975	1712.5	QPSK	25@0	-1.8	-0.00105	±2.5	PASS	-10℃
4	5.0	19975	1712.5	QPSK	25@0	0.53	0.00031	±2.5	PASS	0℃
4	5.0	19975	1712.5	QPSK	25@0	2.29	0.00134	±2.5	PASS	10℃
4	5.0	19975	1712.5	QPSK	25@0	0.32	0.00019	±2.5	PASS	20℃
4	5.0	19975	1712.5	QPSK	25@0	-1.65	-0.00096	±2.5	PASS	30℃
4	5.0	19975	1712.5	QPSK	25@0	0.32	0.00019	±2.5	PASS	40℃
4	5.0	19975	1712.5	QPSK	25@0	-3.4	-0.00199	±2.5	PASS	50℃
4	5.0	20175	1732.5	QPSK	25@0	1.06	0.00061	±2.5	PASS	VL
4	5.0	20175	1732.5	QPSK	25@0	-0.9	-0.00052	±2.5	PASS	VN
4	5.0	20175	1732.5	QPSK	25@0	-2.98	-0.00172	±2.5	PASS	VH
4	5.0	20175	1732.5	QPSK	25@0	2.8	0.00162	±2.5	PASS	-30℃
4	5.0	20175	1732.5	QPSK	25@0	0.32	0.00018	±2.5	PASS	-20℃
4	5.0	20175	1732.5	QPSK	25@0	1.54	0.00089	±2.5	PASS	-10℃
4	5.0	20175	1732.5	QPSK	25@0	-0.24	-0.00014	±2.5	PASS	0℃
4	5.0	20175	1732.5	QPSK	25@0	0.46	0.00026	±2.5	PASS	10℃
4	5.0	20175	1732.5	QPSK	25@0	1.27	0.00073	±2.5	PASS	20℃
4	5.0	20175	1732.5	QPSK	25@0	1.8	0.00104	±2.5	PASS	30℃
4	5.0	20175	1732.5	QPSK	25@0	0.9	0.00052	±2.5	PASS	40℃
4	5.0	20175	1732.5	QPSK	25@0	2.73	0.00158	±2.5	PASS	50℃
4	5.0	20375	1752.5	QPSK	25@0	-1.02	-0.00058	±2.5	PASS	VL
4	5.0	20375	1752.5	QPSK	25@0	-0.89	-0.00051	±2.5	PASS	VN
4	5.0	20375	1752.5	QPSK	25@0	-2.63	-0.0015	±2.5	PASS	VH
4	5.0	20375	1752.5	QPSK	25@0	-5.61	-0.0032	±2.5	PASS	-30℃
4	5.0	20375	1752.5	QPSK	25@0	3.16	0.0018	±2.5	PASS	-20℃
4	5.0	20375	1752.5	QPSK	25@0	3.09	0.00176	±2.5	PASS	-10℃
4	5.0	20375	1752.5	QPSK	25@0	-2.42	-0.00138	±2.5	PASS	0℃
4	5.0	20375	1752.5	QPSK	25@0	0.32	0.00018	±2.5	PASS	10℃
4	5.0	20375	1752.5	QPSK	25@0	-1.42	-0.00081	±2.5	PASS	20℃
4	5.0	20375	1752.5	QPSK	25@0	-2.57	-0.00147	±2.5	PASS	30℃
4	5.0	20375	1752.5	QPSK	25@0	1.52	0.00087	±2.5	PASS	40℃
4	5.0	20375	1752.5	QPSK	25@0	-1.22	-0.00069	±2.5	PASS	50℃
4	10.0	20000	1715.0	QPSK	50@0	3.16	0.00184	±2.5	PASS	VL
4	10.0	20000	1715.0	QPSK	50@0	-5.34	-0.00311	±2.5	PASS	VN
4	10.0	20000	1715.0	QPSK	50@0	-6.71	-0.00391	±2.5	PASS	VH
4	10.0	20000	1715.0	QPSK	50@0	-3.26	-0.0019	±2.5	PASS	-30℃
4	10.0	20000	1715.0	QPSK	50@0	-4.36	-0.00254	±2.5	PASS	-20℃
4	10.0	20000	1715.0	QPSK	50@0	0.76	0.00044	±2.5	PASS	-10℃

4	10.0	20000	1715.0	QPSK	50@0	-3.06	-0.00179	±2.5	PASS	0℃
4	10.0	20000	1715.0	QPSK	50@0	2.57	0.0015	±2.5	PASS	10℃
4	10.0	20000	1715.0	QPSK	50@0	1.43	0.00083	±2.5	PASS	20℃
4	10.0	20000	1715.0	QPSK	50@0	-4.71	-0.00274	±2.5	PASS	30℃
4	10.0	20000	1715.0	QPSK	50@0	3.13	0.00183	±2.5	PASS	40℃
4	10.0	20000	1715.0	QPSK	50@0	1.59	0.00093	±2.5	PASS	50℃
4	10.0	20175	1732.5	QPSK	50@0	-6.69	-0.00386	±2.5	PASS	VL
4	10.0	20175	1732.5	QPSK	50@0	1.06	0.00061	±2.5	PASS	VN
4	10.0	20175	1732.5	QPSK	50@0	0.32	0.00018	±2.5	PASS	VH
4	10.0	20175	1732.5	QPSK	50@0	1.13	0.00065	±2.5	PASS	-30℃
4	10.0	20175	1732.5	QPSK	50@0	1.27	0.00073	±2.5	PASS	-20℃
4	10.0	20175	1732.5	QPSK	50@0	1.95	0.00112	±2.5	PASS	-10℃
4	10.0	20175	1732.5	QPSK	50@0	-2.69	-0.00155	±2.5	PASS	0℃
4	10.0	20175	1732.5	QPSK	50@0	-1.85	-0.00107	±2.5	PASS	10℃
4	10.0	20175	1732.5	QPSK	50@0	-0.7	-0.0004	±2.5	PASS	20℃
4	10.0	20175	1732.5	QPSK	50@0	-2.05	-0.00118	±2.5	PASS	30℃
4	10.0	20175	1732.5	QPSK	50@0	0.32	0.00018	±2.5	PASS	40℃
4	10.0	20175	1732.5	QPSK	50@0	4.03	0.00233	±2.5	PASS	50℃
4	10.0	20350	1750.0	QPSK	50@0	-6.37	-0.00364	±2.5	PASS	VL
4	10.0	20350	1750.0	QPSK	50@0	0.46	0.00026	±2.5	PASS	VN
4	10.0	20350	1750.0	QPSK	50@0	-4.03	-0.00231	±2.5	PASS	VH
4	10.0	20350	1750.0	QPSK	50@0	0.32	0.00018	±2.5	PASS	-30℃
4	10.0	20350	1750.0	QPSK	50@0	1.27	0.00073	±2.5	PASS	-20℃
4	10.0	20350	1750.0	QPSK	50@0	1.42	0.00081	±2.5	PASS	-10℃
4	10.0	20350	1750.0	QPSK	50@0	1.03	0.00059	±2.5	PASS	0℃
4	10.0	20350	1750.0	QPSK	50@0	4.43	0.00253	±2.5	PASS	10℃
4	10.0	20350	1750.0	QPSK	50@0	-0.49	-0.00028	±2.5	PASS	20℃
4	10.0	20350	1750.0	QPSK	50@0	-5.98	-0.00342	±2.5	PASS	30℃
4	10.0	20350	1750.0	QPSK	50@0	-1.97	-0.00113	±2.5	PASS	40℃
4	10.0	20350	1750.0	QPSK	50@0	-2.19	-0.00125	±2.5	PASS	50℃
4	15.0	20025	1717.5	QPSK	75@0	-3.32	-0.00193	±2.5	PASS	VL
4	15.0	20025	1717.5	QPSK	75@0	0.32	0.00019	±2.5	PASS	VN
4	15.0	20025	1717.5	QPSK	75@0	0.32	0.00019	±2.5	PASS	VH
4	15.0	20025	1717.5	QPSK	75@0	-1.82	-0.00106	±2.5	PASS	-30℃
4	15.0	20025	1717.5	QPSK	75@0	-10.5	-0.00611	±2.5	PASS	-20℃
4	15.0	20025	1717.5	QPSK	75@0	0.33	0.00019	±2.5	PASS	-10℃
4	15.0	20025	1717.5	QPSK	75@0	-3.91	-0.00227	±2.5	PASS	0℃

4	15.0	20025	1717.5	QPSK	75@0	0.24	0.00014	±2.5	PASS	10℃
4	15.0	20025	1717.5	QPSK	75@0	2.45	0.00142	±2.5	PASS	20℃
4	15.0	20025	1717.5	QPSK	75@0	1.2	0.0007	±2.5	PASS	30℃
4	15.0	20025	1717.5	QPSK	75@0	-2.49	-0.00145	±2.5	PASS	40℃
4	15.0	20025	1717.5	QPSK	75@0	-2.82	-0.00164	±2.5	PASS	50℃
4	15.0	20175	1732.5	QPSK	75@0	-5.32	-0.00307	±2.5	PASS	VL
4	15.0	20175	1732.5	QPSK	75@0	-4.13	-0.00239	±2.5	PASS	VN
4	15.0	20175	1732.5	QPSK	75@0	-7.6	-0.00438	±2.5	PASS	VH
4	15.0	20175	1732.5	QPSK	75@0	-3.32	-0.00192	±2.5	PASS	-30℃
4	15.0	20175	1732.5	QPSK	75@0	1.1	0.00064	±2.5	PASS	-20℃
4	15.0	20175	1732.5	QPSK	75@0	-0.66	-0.00038	±2.5	PASS	-10℃
4	15.0	20175	1732.5	QPSK	75@0	1.22	0.0007	±2.5	PASS	0℃
4	15.0	20175	1732.5	QPSK	75@0	0.79	0.00045	±2.5	PASS	10℃
4	15.0	20175	1732.5	QPSK	75@0	0.86	0.0005	±2.5	PASS	20℃
4	15.0	20175	1732.5	QPSK	75@0	-1.7	-0.00098	±2.5	PASS	30℃
4	15.0	20175	1732.5	QPSK	75@0	0.39	0.00022	±2.5	PASS	40℃
4	15.0	20175	1732.5	QPSK	75@0	-2.15	-0.00124	±2.5	PASS	50℃
4	15.0	20325	1747.5	QPSK	75@0	-5.34	-0.00305	±2.5	PASS	VL
4	15.0	20325	1747.5	QPSK	75@0	-2.52	-0.00144	±2.5	PASS	VN
4	15.0	20325	1747.5	QPSK	75@0	-7.35	-0.00421	±2.5	PASS	VH
4	15.0	20325	1747.5	QPSK	75@0	-3.58	-0.00205	±2.5	PASS	-30℃
4	15.0	20325	1747.5	QPSK	75@0	-7.02	-0.00402	±2.5	PASS	-20℃
4	15.0	20325	1747.5	QPSK	75@0	-1.07	-0.00061	±2.5	PASS	-10℃
4	15.0	20325	1747.5	QPSK	75@0	-1.02	-0.00058	±2.5	PASS	0℃
4	15.0	20325	1747.5	QPSK	75@0	-4.79	-0.00274	±2.5	PASS	10℃
4	15.0	20325	1747.5	QPSK	75@0	1.67	0.00096	±2.5	PASS	20℃
4	15.0	20325	1747.5	QPSK	75@0	0.92	0.00052	±2.5	PASS	30℃
4	15.0	20325	1747.5	QPSK	75@0	-0.76	-0.00043	±2.5	PASS	40℃
4	15.0	20325	1747.5	QPSK	75@0	3.12	0.00178	±2.5	PASS	50℃
4	20.0	20050	1720.0	QPSK	100@0	-1.96	-0.00114	±2.5	PASS	VL
4	20.0	20050	1720.0	QPSK	100@0	-0.93	-0.00054	±2.5	PASS	VN
4	20.0	20050	1720.0	QPSK	100@0	-0.94	-0.00055	±2.5	PASS	VH
4	20.0	20050	1720.0	QPSK	100@0	-0.79	-0.00046	±2.5	PASS	-30℃
4	20.0	20050	1720.0	QPSK	100@0	-1.49	-0.00086	±2.5	PASS	-20℃
4	20.0	20050	1720.0	QPSK	100@0	-5.61	-0.00326	±2.5	PASS	-10℃
4	20.0	20050	1720.0	QPSK	100@0	3.52	0.00205	±2.5	PASS	0℃
4	20.0	20050	1720.0	QPSK	100@0	1.6	0.00093	±2.5	PASS	10℃

4	20.0	20050	1720.0	QPSK	100@0	0.32	0.00019	±2.5	PASS	20℃
4	20.0	20050	1720.0	QPSK	100@0	1.66	0.00096	±2.5	PASS	30℃
4	20.0	20050	1720.0	QPSK	100@0	-2.43	-0.00141	±2.5	PASS	40℃
4	20.0	20050	1720.0	QPSK	100@0	0.41	0.00024	±2.5	PASS	50℃
4	20.0	20175	1732.5	QPSK	100@0	-3.02	-0.00174	±2.5	PASS	VL
4	20.0	20175	1732.5	QPSK	100@0	-11.16	-0.00644	±2.5	PASS	VN
4	20.0	20175	1732.5	QPSK	100@0	-2.73	-0.00158	±2.5	PASS	VH
4	20.0	20175	1732.5	QPSK	100@0	-4.49	-0.00259	±2.5	PASS	-30℃
4	20.0	20175	1732.5	QPSK	100@0	-2.19	-0.00126	±2.5	PASS	-20℃
4	20.0	20175	1732.5	QPSK	100@0	-4.46	-0.00258	±2.5	PASS	-10℃
4	20.0	20175	1732.5	QPSK	100@0	-3.85	-0.00222	±2.5	PASS	0℃
4	20.0	20175	1732.5	QPSK	100@0	-1.04	-0.0006	±2.5	PASS	10℃
4	20.0	20175	1732.5	QPSK	100@0	-3.46	-0.002	±2.5	PASS	20℃
4	20.0	20175	1732.5	QPSK	100@0	-2.1	-0.00121	±2.5	PASS	30℃
4	20.0	20175	1732.5	QPSK	100@0	-2.13	-0.00123	±2.5	PASS	40℃
4	20.0	20175	1732.5	QPSK	100@0	0.41	0.00024	±2.5	PASS	50℃
4	20.0	20300	1745.0	QPSK	100@0	-5.35	-0.00307	±2.5	PASS	VL
4	20.0	20300	1745.0	QPSK	100@0	-4.81	-0.00275	±2.5	PASS	VN
4	20.0	20300	1745.0	QPSK	100@0	-0.67	-0.00039	±2.5	PASS	VH
4	20.0	20300	1745.0	QPSK	100@0	-1.77	-0.00102	±2.5	PASS	-30℃
4	20.0	20300	1745.0	QPSK	100@0	-2.53	-0.00145	±2.5	PASS	-20℃
4	20.0	20300	1745.0	QPSK	100@0	-8.55	-0.0049	±2.5	PASS	-10℃
4	20.0	20300	1745.0	QPSK	100@0	0.36	0.0002	±2.5	PASS	0℃
4	20.0	20300	1745.0	QPSK	100@0	-0.36	-0.0002	±2.5	PASS	10℃
4	20.0	20300	1745.0	QPSK	100@0	0.72	0.00041	±2.5	PASS	20℃
4	20.0	20300	1745.0	QPSK	100@0	-3.42	-0.00196	±2.5	PASS	30℃
4	20.0	20300	1745.0	QPSK	100@0	1.06	0.00061	±2.5	PASS	40℃
4	20.0	20300	1745.0	QPSK	100@0	-3.83	-0.0022	±2.5	PASS	50℃
5	1.4	20407	824.7	QPSK	6@0	-1.43	-0.00173	±2.5	PASS	VL
5	1.4	20407	824.7	QPSK	6@0	0.5	0.00061	±2.5	PASS	VN
5	1.4	20407	824.7	QPSK	6@0	-1.34	-0.00163	±2.5	PASS	VH
5	1.4	20407	824.7	QPSK	6@0	-2.22	-0.00269	±2.5	PASS	-30℃
5	1.4	20407	824.7	QPSK	6@0	-0.73	-0.00088	±2.5	PASS	-20℃
5	1.4	20407	824.7	QPSK	6@0	-2.17	-0.00264	±2.5	PASS	-10℃
5	1.4	20407	824.7	QPSK	6@0	-1.87	-0.00227	±2.5	PASS	0℃
5	1.4	20407	824.7	QPSK	6@0	1.26	0.00153	±2.5	PASS	10℃
5	1.4	20407	824.7	QPSK	6@0	-3.25	-0.00394	±2.5	PASS	20℃

5	1.4	20407	824.7	QPSK	6@0	-1.83	-0.00222	±2.5	PASS	30℃
5	1.4	20407	824.7	QPSK	6@0	0.36	0.00043	±2.5	PASS	40℃
5	1.4	20407	824.7	QPSK	6@0	-1.82	-0.0022	±2.5	PASS	50℃
5	1.4	20525	836.5	QPSK	6@0	2.62	0.00313	±2.5	PASS	VL
5	1.4	20525	836.5	QPSK	6@0	-1.29	-0.00154	±2.5	PASS	VN
5	1.4	20525	836.5	QPSK	6@0	0.69	0.00082	±2.5	PASS	VH
5	1.4	20525	836.5	QPSK	6@0	-0.64	-0.00077	±2.5	PASS	-30℃
5	1.4	20525	836.5	QPSK	6@0	1.52	0.00181	±2.5	PASS	-20℃
5	1.4	20525	836.5	QPSK	6@0	-2.27	-0.00272	±2.5	PASS	-10℃
5	1.4	20525	836.5	QPSK	6@0	3.16	0.00378	±2.5	PASS	0℃
5	1.4	20525	836.5	QPSK	6@0	0.7	0.00084	±2.5	PASS	10℃
5	1.4	20525	836.5	QPSK	6@0	-0.43	-0.00051	±2.5	PASS	20℃
5	1.4	20525	836.5	QPSK	6@0	1.62	0.00193	±2.5	PASS	30℃
5	1.4	20525	836.5	QPSK	6@0	-2.62	-0.00313	±2.5	PASS	40℃
5	1.4	20525	836.5	QPSK	6@0	-1.26	-0.0015	±2.5	PASS	50℃
5	1.4	20643	848.3	QPSK	6@0	0.32	0.00038	±2.5	PASS	VL
5	1.4	20643	848.3	QPSK	6@0	0.96	0.00113	±2.5	PASS	VN
5	1.4	20643	848.3	QPSK	6@0	-1.93	-0.00228	±2.5	PASS	VH
5	1.4	20643	848.3	QPSK	6@0	0.69	0.00081	±2.5	PASS	-30℃
5	1.4	20643	848.3	QPSK	6@0	-0.43	-0.00051	±2.5	PASS	-20℃
5	1.4	20643	848.3	QPSK	6@0	-0.4	-0.00047	±2.5	PASS	-10℃
5	1.4	20643	848.3	QPSK	6@0	2.73	0.00322	±2.5	PASS	0℃
5	1.4	20643	848.3	QPSK	6@0	0.51	0.00061	±2.5	PASS	10℃
5	1.4	20643	848.3	QPSK	6@0	-4.73	-0.00558	±2.5	PASS	20℃
5	1.4	20643	848.3	QPSK	6@0	0.49	0.00057	±2.5	PASS	30℃
5	1.4	20643	848.3	QPSK	6@0	1.66	0.00196	±2.5	PASS	40℃
5	1.4	20643	848.3	QPSK	6@0	-0.4	-0.00047	±2.5	PASS	50℃
5	3.0	20415	825.5	QPSK	15@0	-3.39	-0.00411	±2.5	PASS	VL
5	3.0	20415	825.5	QPSK	15@0	-5.25	-0.00636	±2.5	PASS	VN
5	3.0	20415	825.5	QPSK	15@0	-1.85	-0.00224	±2.5	PASS	VH
5	3.0	20415	825.5	QPSK	15@0	-3.71	-0.00449	±2.5	PASS	-30℃
5	3.0	20415	825.5	QPSK	15@0	0.66	0.0008	±2.5	PASS	-20℃
5	3.0	20415	825.5	QPSK	15@0	-3.32	-0.00402	±2.5	PASS	-10℃
5	3.0	20415	825.5	QPSK	15@0	-3.88	-0.0047	±2.5	PASS	0℃
5	3.0	20415	825.5	QPSK	15@0	0.32	0.00039	±2.5	PASS	10℃
5	3.0	20415	825.5	QPSK	15@0	-1.86	-0.00225	±2.5	PASS	20℃
5	3.0	20415	825.5	QPSK	15@0	0.57	0.00069	±2.5	PASS	30℃

5	3.0	20415	825.5	QPSK	15@0	1.02	0.00123	±2.5	PASS	40℃
5	3.0	20415	825.5	QPSK	15@0	-1.03	-0.00125	±2.5	PASS	50℃
5	3.0	20525	836.5	QPSK	15@0	3.02	0.00361	±2.5	PASS	VL
5	3.0	20525	836.5	QPSK	15@0	0.86	0.00103	±2.5	PASS	VN
5	3.0	20525	836.5	QPSK	15@0	-0.9	-0.00108	±2.5	PASS	VH
5	3.0	20525	836.5	QPSK	15@0	1.66	0.00198	±2.5	PASS	-30℃
5	3.0	20525	836.5	QPSK	15@0	-1.37	-0.00164	±2.5	PASS	-20℃
5	3.0	20525	836.5	QPSK	15@0	2.06	0.00246	±2.5	PASS	-10℃
5	3.0	20525	836.5	QPSK	15@0	-2.4	-0.00287	±2.5	PASS	0℃
5	3.0	20525	836.5	QPSK	15@0	-0.92	-0.00109	±2.5	PASS	10℃
5	3.0	20525	836.5	QPSK	15@0	0.7	0.00084	±2.5	PASS	20℃
5	3.0	20525	836.5	QPSK	15@0	1.53	0.00183	±2.5	PASS	30℃
5	3.0	20525	836.5	QPSK	15@0	0.8	0.00096	±2.5	PASS	40℃
5	3.0	20525	836.5	QPSK	15@0	0.32	0.00038	±2.5	PASS	50℃
5	3.0	20635	847.5	QPSK	15@0	6.02	0.00711	±2.5	PASS	VL
5	3.0	20635	847.5	QPSK	15@0	1.63	0.00192	±2.5	PASS	VN
5	3.0	20635	847.5	QPSK	15@0	-2.07	-0.00245	±2.5	PASS	VH
5	3.0	20635	847.5	QPSK	15@0	-1.63	-0.00192	±2.5	PASS	-30℃
5	3.0	20635	847.5	QPSK	15@0	-3.59	-0.00424	±2.5	PASS	-20℃
5	3.0	20635	847.5	QPSK	15@0	-2.6	-0.00307	±2.5	PASS	-10℃
5	3.0	20635	847.5	QPSK	15@0	-0.26	-0.0003	±2.5	PASS	0℃
5	3.0	20635	847.5	QPSK	15@0	2.29	0.0027	±2.5	PASS	10℃
5	3.0	20635	847.5	QPSK	15@0	-4.43	-0.00523	±2.5	PASS	20℃
5	3.0	20635	847.5	QPSK	15@0	-0.87	-0.00103	±2.5	PASS	30℃
5	3.0	20635	847.5	QPSK	15@0	0.69	0.00081	±2.5	PASS	40℃
5	3.0	20635	847.5	QPSK	15@0	-3.68	-0.00434	±2.5	PASS	50℃
5	5.0	20425	826.5	QPSK	25@0	-1.93	-0.00234	±2.5	PASS	VL
5	5.0	20425	826.5	QPSK	25@0	-2.0	-0.00242	±2.5	PASS	VN
5	5.0	20425	826.5	QPSK	25@0	-4.89	-0.00592	±2.5	PASS	VH
5	5.0	20425	826.5	QPSK	25@0	-3.15	-0.00381	±2.5	PASS	-30℃
5	5.0	20425	826.5	QPSK	25@0	0.32	0.00039	±2.5	PASS	-20℃
5	5.0	20425	826.5	QPSK	25@0	-1.4	-0.0017	±2.5	PASS	-10℃
5	5.0	20425	826.5	QPSK	25@0	-1.62	-0.00196	±2.5	PASS	0℃
5	5.0	20425	826.5	QPSK	25@0	0.36	0.00043	±2.5	PASS	10℃
5	5.0	20425	826.5	QPSK	25@0	-1.63	-0.00197	±2.5	PASS	20℃
5	5.0	20425	826.5	QPSK	25@0	1.16	0.0014	±2.5	PASS	30℃
5	5.0	20425	826.5	QPSK	25@0	-1.95	-0.00235	±2.5	PASS	40℃

5	5.0	20425	826.5	QPSK	25@0	-0.31	-0.00038	±2.5	PASS	50℃
5	5.0	20525	836.5	QPSK	25@0	-1.36	-0.00162	±2.5	PASS	VL
5	5.0	20525	836.5	QPSK	25@0	-1.99	-0.00238	±2.5	PASS	VN
5	5.0	20525	836.5	QPSK	25@0	-0.79	-0.00094	±2.5	PASS	VH
5	5.0	20525	836.5	QPSK	25@0	-1.47	-0.00176	±2.5	PASS	-30℃
5	5.0	20525	836.5	QPSK	25@0	-1.75	-0.00209	±2.5	PASS	-20℃
5	5.0	20525	836.5	QPSK	25@0	0.32	0.00038	±2.5	PASS	-10℃
5	5.0	20525	836.5	QPSK	25@0	-2.17	-0.0026	±2.5	PASS	0℃
5	5.0	20525	836.5	QPSK	25@0	-1.47	-0.00176	±2.5	PASS	10℃
5	5.0	20525	836.5	QPSK	25@0	-0.86	-0.00103	±2.5	PASS	20℃
5	5.0	20525	836.5	QPSK	25@0	-1.3	-0.00156	±2.5	PASS	30℃
5	5.0	20525	836.5	QPSK	25@0	-2.37	-0.00284	±2.5	PASS	40℃
5	5.0	20525	836.5	QPSK	25@0	-0.83	-0.00099	±2.5	PASS	50℃
5	5.0	20625	846.5	QPSK	25@0	0.43	0.00051	±2.5	PASS	VL
5	5.0	20625	846.5	QPSK	25@0	-0.97	-0.00115	±2.5	PASS	VN
5	5.0	20625	846.5	QPSK	25@0	-3.45	-0.00407	±2.5	PASS	VH
5	5.0	20625	846.5	QPSK	25@0	2.32	0.00274	±2.5	PASS	-30℃
5	5.0	20625	846.5	QPSK	25@0	-2.2	-0.0026	±2.5	PASS	-20℃
5	5.0	20625	846.5	QPSK	25@0	0.32	0.00038	±2.5	PASS	-10℃
5	5.0	20625	846.5	QPSK	25@0	0.32	0.00038	±2.5	PASS	0℃
5	5.0	20625	846.5	QPSK	25@0	-1.73	-0.00204	±2.5	PASS	10℃
5	5.0	20625	846.5	QPSK	25@0	-2.73	-0.00323	±2.5	PASS	20℃
5	5.0	20625	846.5	QPSK	25@0	0.79	0.00093	±2.5	PASS	30℃
5	5.0	20625	846.5	QPSK	25@0	-2.3	-0.00272	±2.5	PASS	40℃
5	5.0	20625	846.5	QPSK	25@0	-0.33	-0.00039	±2.5	PASS	50℃
5	10.0	20450	829.0	QPSK	50@0	-2.93	-0.00354	±2.5	PASS	VL
5	10.0	20450	829.0	QPSK	50@0	-2.05	-0.00247	±2.5	PASS	VN
5	10.0	20450	829.0	QPSK	50@0	-1.77	-0.00214	±2.5	PASS	VH
5	10.0	20450	829.0	QPSK	50@0	-3.55	-0.00428	±2.5	PASS	-30℃
5	10.0	20450	829.0	QPSK	50@0	-2.82	-0.0034	±2.5	PASS	-20℃
5	10.0	20450	829.0	QPSK	50@0	-2.7	-0.00326	±2.5	PASS	-10℃
5	10.0	20450	829.0	QPSK	50@0	-3.23	-0.0039	±2.5	PASS	0℃
5	10.0	20450	829.0	QPSK	50@0	0.32	0.00039	±2.5	PASS	10℃
5	10.0	20450	829.0	QPSK	50@0	-2.4	-0.0029	±2.5	PASS	20℃
5	10.0	20450	829.0	QPSK	50@0	-2.63	-0.00318	±2.5	PASS	30℃
5	10.0	20450	829.0	QPSK	50@0	-3.12	-0.00376	±2.5	PASS	40℃
5	10.0	20450	829.0	QPSK	50@0	-1.92	-0.00231	±2.5	PASS	50℃

5	10.0	20525	836.5	QPSK	50@0	1.6	0.00192	±2.5	PASS	VL
5	10.0	20525	836.5	QPSK	50@0	-1.1	-0.00132	±2.5	PASS	VN
5	10.0	20525	836.5	QPSK	50@0	1.26	0.0015	±2.5	PASS	VH
5	10.0	20525	836.5	QPSK	50@0	0.87	0.00104	±2.5	PASS	-30℃
5	10.0	20525	836.5	QPSK	50@0	-1.04	-0.00125	±2.5	PASS	-20℃
5	10.0	20525	836.5	QPSK	50@0	-0.84	-0.00101	±2.5	PASS	-10℃
5	10.0	20525	836.5	QPSK	50@0	-1.37	-0.00164	±2.5	PASS	0℃
5	10.0	20525	836.5	QPSK	50@0	0.9	0.00108	±2.5	PASS	10℃
5	10.0	20525	836.5	QPSK	50@0	-2.42	-0.00289	±2.5	PASS	20℃
5	10.0	20525	836.5	QPSK	50@0	0.83	0.00099	±2.5	PASS	30℃
5	10.0	20525	836.5	QPSK	50@0	-2.53	-0.00303	±2.5	PASS	40℃
5	10.0	20525	836.5	QPSK	50@0	-0.89	-0.00106	±2.5	PASS	50℃
5	10.0	20600	844.0	QPSK	50@0	3.08	0.00364	±2.5	PASS	VL
5	10.0	20600	844.0	QPSK	50@0	-1.16	-0.00137	±2.5	PASS	VN
5	10.0	20600	844.0	QPSK	50@0	0.32	0.00038	±2.5	PASS	VH
5	10.0	20600	844.0	QPSK	50@0	-5.09	-0.00603	±2.5	PASS	-30℃
5	10.0	20600	844.0	QPSK	50@0	-3.39	-0.00402	±2.5	PASS	-20℃
5	10.0	20600	844.0	QPSK	50@0	-2.17	-0.00258	±2.5	PASS	-10℃
5	10.0	20600	844.0	QPSK	50@0	0.92	0.00108	±2.5	PASS	0℃
5	10.0	20600	844.0	QPSK	50@0	-2.82	-0.00334	±2.5	PASS	10℃
5	10.0	20600	844.0	QPSK	50@0	1.72	0.00203	±2.5	PASS	20℃
5	10.0	20600	844.0	QPSK	50@0	-2.92	-0.00346	±2.5	PASS	30℃
5	10.0	20600	844.0	QPSK	50@0	0.27	0.00032	±2.5	PASS	40℃
5	10.0	20600	844.0	QPSK	50@0	-1.73	-0.00205	±2.5	PASS	50℃
12	1.4	23017	699.7	QPSK	6@0	0.24	0.00035	±2.5	PASS	VL
12	1.4	23017	699.7	QPSK	6@0	-1.73	-0.00247	±2.5	PASS	VN
12	1.4	23017	699.7	QPSK	6@0	-5.08	-0.00726	±2.5	PASS	VH
12	1.4	23017	699.7	QPSK	6@0	-2.42	-0.00346	±2.5	PASS	-30℃
12	1.4	23017	699.7	QPSK	6@0	-1.72	-0.00245	±2.5	PASS	-20℃
12	1.4	23017	699.7	QPSK	6@0	0.32	0.00046	±2.5	PASS	-10℃
12	1.4	23017	699.7	QPSK	6@0	0.6	0.00086	±2.5	PASS	0℃
12	1.4	23017	699.7	QPSK	6@0	0.3	0.00043	±2.5	PASS	10℃
12	1.4	23017	699.7	QPSK	6@0	-2.69	-0.00384	±2.5	PASS	20℃
12	1.4	23017	699.7	QPSK	6@0	0.21	0.00031	±2.5	PASS	30℃
12	1.4	23017	699.7	QPSK	6@0	-0.34	-0.00049	±2.5	PASS	40℃
12	1.4	23017	699.7	QPSK	6@0	0.32	0.00046	±2.5	PASS	50℃
12	1.4	23095	707.5	QPSK	6@0	1.82	0.00257	±2.5	PASS	VL

12	1.4	23095	707.5	QPSK	6@0	3.06	0.00433	±2.5	PASS	VN
12	1.4	23095	707.5	QPSK	6@0	2.12	0.00299	±2.5	PASS	VH
12	1.4	23095	707.5	QPSK	6@0	4.76	0.00673	±2.5	PASS	-30℃
12	1.4	23095	707.5	QPSK	6@0	1.9	0.00269	±2.5	PASS	-20℃
12	1.4	23095	707.5	QPSK	6@0	1.65	0.00233	±2.5	PASS	-10℃
12	1.4	23095	707.5	QPSK	6@0	-0.37	-0.00053	±2.5	PASS	0℃
12	1.4	23095	707.5	QPSK	6@0	4.43	0.00627	±2.5	PASS	10℃
12	1.4	23095	707.5	QPSK	6@0	2.72	0.00384	±2.5	PASS	20℃
12	1.4	23095	707.5	QPSK	6@0	-2.76	-0.0039	±2.5	PASS	30℃
12	1.4	23095	707.5	QPSK	6@0	3.6	0.0051	±2.5	PASS	40℃
12	1.4	23095	707.5	QPSK	6@0	3.2	0.00453	±2.5	PASS	50℃
12	1.4	23173	715.3	QPSK	6@0	-0.64	-0.0009	±2.5	PASS	VL
12	1.4	23173	715.3	QPSK	6@0	-2.12	-0.00296	±2.5	PASS	VN
12	1.4	23173	715.3	QPSK	6@0	0.7	0.00098	±2.5	PASS	VH
12	1.4	23173	715.3	QPSK	6@0	-1.86	-0.0026	±2.5	PASS	-30℃
12	1.4	23173	715.3	QPSK	6@0	-5.59	-0.00782	±2.5	PASS	-20℃
12	1.4	23173	715.3	QPSK	6@0	0.32	0.00045	±2.5	PASS	-10℃
12	1.4	23173	715.3	QPSK	6@0	-4.18	-0.00584	±2.5	PASS	0℃
12	1.4	23173	715.3	QPSK	6@0	-0.33	-0.00046	±2.5	PASS	10℃
12	1.4	23173	715.3	QPSK	6@0	-0.57	-0.0008	±2.5	PASS	20℃
12	1.4	23173	715.3	QPSK	6@0	2.19	0.00306	±2.5	PASS	30℃
12	1.4	23173	715.3	QPSK	6@0	-3.43	-0.0048	±2.5	PASS	40℃
12	1.4	23173	715.3	QPSK	6@0	1.1	0.00154	±2.5	PASS	50℃
12	3.0	23025	700.5	QPSK	15@0	-1.89	-0.0027	±2.5	PASS	VL
12	3.0	23025	700.5	QPSK	15@0	-3.49	-0.00498	±2.5	PASS	VN
12	3.0	23025	700.5	QPSK	15@0	-3.83	-0.00547	±2.5	PASS	VH
12	3.0	23025	700.5	QPSK	15@0	-3.5	-0.005	±2.5	PASS	-30℃
12	3.0	23025	700.5	QPSK	15@0	-1.96	-0.0028	±2.5	PASS	-20℃
12	3.0	23025	700.5	QPSK	15@0	-0.49	-0.00069	±2.5	PASS	-10℃
12	3.0	23025	700.5	QPSK	15@0	-4.76	-0.0068	±2.5	PASS	0℃
12	3.0	23025	700.5	QPSK	15@0	0.79	0.00112	±2.5	PASS	10℃
12	3.0	23025	700.5	QPSK	15@0	-1.04	-0.00149	±2.5	PASS	20℃
12	3.0	23025	700.5	QPSK	15@0	-0.93	-0.00133	±2.5	PASS	30℃
12	3.0	23025	700.5	QPSK	15@0	-0.9	-0.00129	±2.5	PASS	40℃
12	3.0	23025	700.5	QPSK	15@0	-1.6	-0.00229	±2.5	PASS	50℃
12	3.0	23095	707.5	QPSK	15@0	1.75	0.00247	±2.5	PASS	VL
12	3.0	23095	707.5	QPSK	15@0	-1.07	-0.00152	±2.5	PASS	VN

12	3.0	23095	707.5	QPSK	15@0	1.04	0.00148	±2.5	PASS	VH
12	3.0	23095	707.5	QPSK	15@0	0.76	0.00107	±2.5	PASS	-30℃
12	3.0	23095	707.5	QPSK	15@0	3.5	0.00495	±2.5	PASS	-20℃
12	3.0	23095	707.5	QPSK	15@0	-1.33	-0.00188	±2.5	PASS	-10℃
12	3.0	23095	707.5	QPSK	15@0	-1.9	-0.00269	±2.5	PASS	0℃
12	3.0	23095	707.5	QPSK	15@0	-3.39	-0.00479	±2.5	PASS	10℃
12	3.0	23095	707.5	QPSK	15@0	0.21	0.0003	±2.5	PASS	20℃
12	3.0	23095	707.5	QPSK	15@0	0.66	0.00093	±2.5	PASS	30℃
12	3.0	23095	707.5	QPSK	15@0	0.21	0.0003	±2.5	PASS	40℃
12	3.0	23095	707.5	QPSK	15@0	1.72	0.00243	±2.5	PASS	50℃
12	3.0	23165	714.5	QPSK	15@0	0.32	0.00045	±2.5	PASS	VL
12	3.0	23165	714.5	QPSK	15@0	-0.79	-0.0011	±2.5	PASS	VN
12	3.0	23165	714.5	QPSK	15@0	0.44	0.00062	±2.5	PASS	VH
12	3.0	23165	714.5	QPSK	15@0	-4.72	-0.00661	±2.5	PASS	-30℃
12	3.0	23165	714.5	QPSK	15@0	-2.79	-0.0039	±2.5	PASS	-20℃
12	3.0	23165	714.5	QPSK	15@0	-1.82	-0.00254	±2.5	PASS	-10℃
12	3.0	23165	714.5	QPSK	15@0	-0.62	-0.00086	±2.5	PASS	0℃
12	3.0	23165	714.5	QPSK	15@0	2.1	0.00294	±2.5	PASS	10℃
12	3.0	23165	714.5	QPSK	15@0	1.92	0.00268	±2.5	PASS	20℃
12	3.0	23165	714.5	QPSK	15@0	-0.51	-0.00072	±2.5	PASS	30℃
12	3.0	23165	714.5	QPSK	15@0	-3.95	-0.00553	±2.5	PASS	40℃
12	3.0	23165	714.5	QPSK	15@0	-2.16	-0.00302	±2.5	PASS	50℃
12	5.0	23035	701.5	QPSK	25@0	-1.93	-0.00275	±2.5	PASS	VL
12	5.0	23035	701.5	QPSK	25@0	-2.83	-0.00404	±2.5	PASS	VN
12	5.0	23035	701.5	QPSK	25@0	-1.54	-0.0022	±2.5	PASS	VH
12	5.0	23035	701.5	QPSK	25@0	-3.68	-0.00524	±2.5	PASS	-30℃
12	5.0	23035	701.5	QPSK	25@0	-1.87	-0.00267	±2.5	PASS	-20℃
12	5.0	23035	701.5	QPSK	25@0	-1.14	-0.00163	±2.5	PASS	-10℃
12	5.0	23035	701.5	QPSK	25@0	-1.19	-0.00169	±2.5	PASS	0℃
12	5.0	23035	701.5	QPSK	25@0	-2.55	-0.00363	±2.5	PASS	10℃
12	5.0	23035	701.5	QPSK	25@0	-2.76	-0.00394	±2.5	PASS	20℃
12	5.0	23035	701.5	QPSK	25@0	-2.65	-0.00377	±2.5	PASS	30℃
12	5.0	23035	701.5	QPSK	25@0	-0.34	-0.00049	±2.5	PASS	40℃
12	5.0	23035	701.5	QPSK	25@0	-2.12	-0.00302	±2.5	PASS	50℃
12	5.0	23095	707.5	QPSK	25@0	2.57	0.00364	±2.5	PASS	VL
12	5.0	23095	707.5	QPSK	25@0	-2.25	-0.00317	±2.5	PASS	VN
12	5.0	23095	707.5	QPSK	25@0	-1.07	-0.00152	±2.5	PASS	VH

12	5.0	23095	707.5	QPSK	25@0	-1.7	-0.00241	±2.5	PASS	-30℃
12	5.0	23095	707.5	QPSK	25@0	-0.36	-0.00051	±2.5	PASS	-20℃
12	5.0	23095	707.5	QPSK	25@0	1.53	0.00216	±2.5	PASS	-10℃
12	5.0	23095	707.5	QPSK	25@0	0.32	0.00045	±2.5	PASS	0℃
12	5.0	23095	707.5	QPSK	25@0	-1.34	-0.0019	±2.5	PASS	10℃
12	5.0	23095	707.5	QPSK	25@0	1.2	0.0017	±2.5	PASS	20℃
12	5.0	23095	707.5	QPSK	25@0	0.24	0.00034	±2.5	PASS	30℃
12	5.0	23095	707.5	QPSK	25@0	1.16	0.00164	±2.5	PASS	40℃
12	5.0	23095	707.5	QPSK	25@0	-0.97	-0.00137	±2.5	PASS	50℃
12	5.0	23155	713.5	QPSK	25@0	-7.97	-0.01117	±2.5	PASS	VL
12	5.0	23155	713.5	QPSK	25@0	1.89	0.00265	±2.5	PASS	VN
12	5.0	23155	713.5	QPSK	25@0	0.87	0.00122	±2.5	PASS	VH
12	5.0	23155	713.5	QPSK	25@0	1.04	0.00146	±2.5	PASS	-30℃
12	5.0	23155	713.5	QPSK	25@0	-0.23	-0.00032	±2.5	PASS	-20℃
12	5.0	23155	713.5	QPSK	25@0	-2.17	-0.00305	±2.5	PASS	-10℃
12	5.0	23155	713.5	QPSK	25@0	-2.57	-0.00361	±2.5	PASS	0℃
12	5.0	23155	713.5	QPSK	25@0	1.63	0.00229	±2.5	PASS	10℃
12	5.0	23155	713.5	QPSK	25@0	-2.2	-0.00309	±2.5	PASS	20℃
12	5.0	23155	713.5	QPSK	25@0	-0.66	-0.00092	±2.5	PASS	30℃
12	5.0	23155	713.5	QPSK	25@0	1.0	0.0014	±2.5	PASS	40℃
12	5.0	23155	713.5	QPSK	25@0	0.53	0.00074	±2.5	PASS	50℃
12	10.0	23060	704.0	QPSK	50@0	-3.25	-0.00461	±2.5	PASS	VL
12	10.0	23060	704.0	QPSK	50@0	-1.59	-0.00226	±2.5	PASS	VN
12	10.0	23060	704.0	QPSK	50@0	-3.75	-0.00532	±2.5	PASS	VH
12	10.0	23060	704.0	QPSK	50@0	-1.63	-0.00232	±2.5	PASS	-30℃
12	10.0	23060	704.0	QPSK	50@0	-1.85	-0.00262	±2.5	PASS	-20℃
12	10.0	23060	704.0	QPSK	50@0	-5.15	-0.00732	±2.5	PASS	-10℃
12	10.0	23060	704.0	QPSK	50@0	-4.43	-0.0063	±2.5	PASS	0℃
12	10.0	23060	704.0	QPSK	50@0	0.34	0.00049	±2.5	PASS	10℃
12	10.0	23060	704.0	QPSK	50@0	3.18	0.00451	±2.5	PASS	20℃
12	10.0	23060	704.0	QPSK	50@0	-1.07	-0.00152	±2.5	PASS	30℃
12	10.0	23060	704.0	QPSK	50@0	-1.73	-0.00246	±2.5	PASS	40℃
12	10.0	23060	704.0	QPSK	50@0	0.32	0.00045	±2.5	PASS	50℃
12	10.0	23095	707.5	QPSK	50@0	2.13	0.00301	±2.5	PASS	VL
12	10.0	23095	707.5	QPSK	50@0	1.44	0.00204	±2.5	PASS	VN
12	10.0	23095	707.5	QPSK	50@0	1.36	0.00192	±2.5	PASS	VH
12	10.0	23095	707.5	QPSK	50@0	-3.32	-0.00469	±2.5	PASS	-30℃

12	10.0	23095	707.5	QPSK	50@0	-0.56	-0.00079	±2.5	PASS	-20℃
12	10.0	23095	707.5	QPSK	50@0	-2.47	-0.0035	±2.5	PASS	-10℃
12	10.0	23095	707.5	QPSK	50@0	0.97	0.00137	±2.5	PASS	0℃
12	10.0	23095	707.5	QPSK	50@0	0.74	0.00105	±2.5	PASS	10℃
12	10.0	23095	707.5	QPSK	50@0	1.29	0.00182	±2.5	PASS	20℃
12	10.0	23095	707.5	QPSK	50@0	1.83	0.00259	±2.5	PASS	30℃
12	10.0	23095	707.5	QPSK	50@0	1.29	0.00182	±2.5	PASS	40℃
12	10.0	23095	707.5	QPSK	50@0	1.9	0.00269	±2.5	PASS	50℃
12	10.0	23130	711.0	QPSK	50@0	-2.36	-0.00332	±2.5	PASS	VL
12	10.0	23130	711.0	QPSK	50@0	1.42	0.00199	±2.5	PASS	VN
12	10.0	23130	711.0	QPSK	50@0	1.09	0.00153	±2.5	PASS	VH
12	10.0	23130	711.0	QPSK	50@0	-4.28	-0.00602	±2.5	PASS	-30℃
12	10.0	23130	711.0	QPSK	50@0	-0.23	-0.00032	±2.5	PASS	-20℃
12	10.0	23130	711.0	QPSK	50@0	-1.24	-0.00175	±2.5	PASS	-10℃
12	10.0	23130	711.0	QPSK	50@0	-3.5	-0.00493	±2.5	PASS	0℃
12	10.0	23130	711.0	QPSK	50@0	1.12	0.00157	±2.5	PASS	10℃
12	10.0	23130	711.0	QPSK	50@0	0.29	0.0004	±2.5	PASS	20℃
12	10.0	23130	711.0	QPSK	50@0	1.16	0.00163	±2.5	PASS	30℃
12	10.0	23130	711.0	QPSK	50@0	-0.34	-0.00048	±2.5	PASS	40℃
12	10.0	23130	711.0	QPSK	50@0	-2.37	-0.00334	±2.5	PASS	50℃
13	5.0	23205	779.5	QPSK	25@0	-4.03	-0.00518	±2.5	PASS	VL
13	5.0	23205	779.5	QPSK	25@0	0.2	0.00026	±2.5	PASS	VN
13	5.0	23205	779.5	QPSK	25@0	0.32	0.00041	±2.5	PASS	VH
13	5.0	23205	779.5	QPSK	25@0	-3.95	-0.00507	±2.5	PASS	-30℃
13	5.0	23205	779.5	QPSK	25@0	1.93	0.00248	±2.5	PASS	-20℃
13	5.0	23205	779.5	QPSK	25@0	-2.26	-0.0029	±2.5	PASS	-10℃
13	5.0	23205	779.5	QPSK	25@0	3.22	0.00413	±2.5	PASS	0℃
13	5.0	23205	779.5	QPSK	25@0	-2.25	-0.00288	±2.5	PASS	10℃
13	5.0	23205	779.5	QPSK	25@0	1.32	0.00169	±2.5	PASS	20℃
13	5.0	23205	779.5	QPSK	25@0	-2.43	-0.00312	±2.5	PASS	30℃
13	5.0	23205	779.5	QPSK	25@0	-0.99	-0.00127	±2.5	PASS	40℃
13	5.0	23205	779.5	QPSK	25@0	0.97	0.00125	±2.5	PASS	50℃
13	5.0	23230	782.0	QPSK	25@0	-4.32	-0.00552	±2.5	PASS	VL
13	5.0	23230	782.0	QPSK	25@0	-1.96	-0.00251	±2.5	PASS	VN
13	5.0	23230	782.0	QPSK	25@0	2.13	0.00273	±2.5	PASS	VH
13	5.0	23230	782.0	QPSK	25@0	1.49	0.0019	±2.5	PASS	-30℃
13	5.0	23230	782.0	QPSK	25@0	0.8	0.00102	±2.5	PASS	-20℃

13	5.0	23230	782.0	QPSK	25@0	1.49	0.0019	±2.5	PASS	-10℃
13	5.0	23230	782.0	QPSK	25@0	0.99	0.00126	±2.5	PASS	0℃
13	5.0	23230	782.0	QPSK	25@0	2.65	0.00338	±2.5	PASS	10℃
13	5.0	23230	782.0	QPSK	25@0	2.98	0.0038	±2.5	PASS	20℃
13	5.0	23230	782.0	QPSK	25@0	-0.94	-0.00121	±2.5	PASS	30℃
13	5.0	23230	782.0	QPSK	25@0	-1.43	-0.00183	±2.5	PASS	40℃
13	5.0	23230	782.0	QPSK	25@0	-2.4	-0.00307	±2.5	PASS	50℃
13	5.0	23255	784.5	QPSK	25@0	-4.08	-0.0052	±2.5	PASS	VL
13	5.0	23255	784.5	QPSK	25@0	-1.24	-0.00159	±2.5	PASS	VN
13	5.0	23255	784.5	QPSK	25@0	-0.46	-0.00058	±2.5	PASS	VH
13	5.0	23255	784.5	QPSK	25@0	2.0	0.00255	±2.5	PASS	-30℃
13	5.0	23255	784.5	QPSK	25@0	1.73	0.00221	±2.5	PASS	-20℃
13	5.0	23255	784.5	QPSK	25@0	0.9	0.00115	±2.5	PASS	-10℃
13	5.0	23255	784.5	QPSK	25@0	5.12	0.00653	±2.5	PASS	0℃
13	5.0	23255	784.5	QPSK	25@0	0.6	0.00077	±2.5	PASS	10℃
13	5.0	23255	784.5	QPSK	25@0	0.27	0.00035	±2.5	PASS	20℃
13	5.0	23255	784.5	QPSK	25@0	0.32	0.00041	±2.5	PASS	30℃
13	5.0	23255	784.5	QPSK	25@0	0.21	0.00027	±2.5	PASS	40℃
13	5.0	23255	784.5	QPSK	25@0	-0.24	-0.00031	±2.5	PASS	50℃
13	10.0	23230	782.0	QPSK	50@0	-0.57	-0.00073	±2.5	PASS	VL
13	10.0	23230	782.0	QPSK	50@0	-2.06	-0.00263	±2.5	PASS	VN
13	10.0	23230	782.0	QPSK	50@0	-5.38	-0.00688	±2.5	PASS	VH
13	10.0	23230	782.0	QPSK	50@0	-1.1	-0.00141	±2.5	PASS	-30℃
13	10.0	23230	782.0	QPSK	50@0	1.96	0.00251	±2.5	PASS	-20℃
13	10.0	23230	782.0	QPSK	50@0	0.92	0.00117	±2.5	PASS	-10℃
13	10.0	23230	782.0	QPSK	50@0	-2.47	-0.00316	±2.5	PASS	0℃
13	10.0	23230	782.0	QPSK	50@0	1.96	0.00251	±2.5	PASS	10℃
13	10.0	23230	782.0	QPSK	50@0	-1.57	-0.00201	±2.5	PASS	20℃
13	10.0	23230	782.0	QPSK	50@0	0.32	0.00041	±2.5	PASS	30℃
13	10.0	23230	782.0	QPSK	50@0	2.02	0.00258	±2.5	PASS	40℃
13	10.0	23230	782.0	QPSK	50@0	1.56	0.00199	±2.5	PASS	50℃
13	10.0	23230	782.0	QPSK	50@0	2.46	0.00315	±2.5	PASS	VL
13	10.0	23230	782.0	QPSK	50@0	-1.67	-0.00214	±2.5	PASS	VN
13	10.0	23230	782.0	QPSK	50@0	0.32	0.00041	±2.5	PASS	VH
13	10.0	23230	782.0	QPSK	50@0	-0.24	-0.00031	±2.5	PASS	-30℃
13	10.0	23230	782.0	QPSK	50@0	0.34	0.00044	±2.5	PASS	-20℃
13	10.0	23230	782.0	QPSK	50@0	-1.46	-0.00187	±2.5	PASS	-10℃

13	10.0	23230	782.0	QPSK	50@0	4.32	0.00552	±2.5	PASS	0℃
13	10.0	23230	782.0	QPSK	50@0	-4.13	-0.00529	±2.5	PASS	10℃
13	10.0	23230	782.0	QPSK	50@0	0.32	0.00041	±2.5	PASS	20℃
13	10.0	23230	782.0	QPSK	50@0	2.8	0.00359	±2.5	PASS	30℃
13	10.0	23230	782.0	QPSK	50@0	2.42	0.00309	±2.5	PASS	40℃
13	10.0	23230	782.0	QPSK	50@0	4.03	0.00516	±2.5	PASS	50℃
13	10.0	23230	782.0	QPSK	50@0	-1.52	-0.00194	±2.5	PASS	VL
13	10.0	23230	782.0	QPSK	50@0	-0.77	-0.00099	±2.5	PASS	VN
13	10.0	23230	782.0	QPSK	50@0	0.43	0.00055	±2.5	PASS	VH
13	10.0	23230	782.0	QPSK	50@0	-3.46	-0.00443	±2.5	PASS	-30℃
13	10.0	23230	782.0	QPSK	50@0	-0.64	-0.00082	±2.5	PASS	-20℃
13	10.0	23230	782.0	QPSK	50@0	1.69	0.00216	±2.5	PASS	-10℃
13	10.0	23230	782.0	QPSK	50@0	5.22	0.00668	±2.5	PASS	0℃
13	10.0	23230	782.0	QPSK	50@0	-0.53	-0.00068	±2.5	PASS	10℃
13	10.0	23230	782.0	QPSK	50@0	2.03	0.0026	±2.5	PASS	20℃
13	10.0	23230	782.0	QPSK	50@0	0.32	0.00041	±2.5	PASS	30℃
13	10.0	23230	782.0	QPSK	50@0	2.53	0.00324	±2.5	PASS	40℃
13	10.0	23230	782.0	QPSK	50@0	2.16	0.00276	±2.5	PASS	50℃
66	1.4	131979	1710.7	QPSK	6@0	-4.01	-0.00234	±2.5	PASS	VL
66	1.4	131979	1710.7	QPSK	6@0	-1.6	-0.00094	±2.5	PASS	VN
66	1.4	131979	1710.7	QPSK	6@0	1.2	0.0007	±2.5	PASS	VH
66	1.4	131979	1710.7	QPSK	6@0	2.72	0.00159	±2.5	PASS	-30℃
66	1.4	131979	1710.7	QPSK	6@0	-4.99	-0.00292	±2.5	PASS	-20℃
66	1.4	131979	1710.7	QPSK	6@0	-1.97	-0.00115	±2.5	PASS	-10℃
66	1.4	131979	1710.7	QPSK	6@0	-3.25	-0.0019	±2.5	PASS	0℃
66	1.4	131979	1710.7	QPSK	6@0	-4.75	-0.00278	±2.5	PASS	10℃
66	1.4	131979	1710.7	QPSK	6@0	1.3	0.00076	±2.5	PASS	20℃
66	1.4	131979	1710.7	QPSK	6@0	0.32	0.00019	±2.5	PASS	30℃
66	1.4	131979	1710.7	QPSK	6@0	2.68	0.00156	±2.5	PASS	40℃
66	1.4	131979	1710.7	QPSK	6@0	-1.03	-0.0006	±2.5	PASS	50℃
66	1.4	132322	1745.0	QPSK	6@0	-3.96	-0.00227	±2.5	PASS	VL
66	1.4	132322	1745.0	QPSK	6@0	0.2	0.00011	±2.5	PASS	VN
66	1.4	132322	1745.0	QPSK	6@0	0.32	0.00018	±2.5	PASS	VH
66	1.4	132322	1745.0	QPSK	6@0	-3.59	-0.00206	±2.5	PASS	-30℃
66	1.4	132322	1745.0	QPSK	6@0	0.83	0.00048	±2.5	PASS	-20℃
66	1.4	132322	1745.0	QPSK	6@0	1.5	0.00086	±2.5	PASS	-10℃
66	1.4	132322	1745.0	QPSK	6@0	-2.19	-0.00125	±2.5	PASS	0℃

66	1.4	132322	1745.0	QPSK	6@0	2.57	0.00148	±2.5	PASS	10℃
66	1.4	132322	1745.0	QPSK	6@0	-2.49	-0.00143	±2.5	PASS	20℃
66	1.4	132322	1745.0	QPSK	6@0	1.42	0.00081	±2.5	PASS	30℃
66	1.4	132322	1745.0	QPSK	6@0	0.94	0.00054	±2.5	PASS	40℃
66	1.4	132322	1745.0	QPSK	6@0	-2.2	-0.00126	±2.5	PASS	50℃
66	1.4	132665	1779.3	QPSK	6@0	1.87	0.00105	±2.5	PASS	VL
66	1.4	132665	1779.3	QPSK	6@0	4.53	0.00255	±2.5	PASS	VN
66	1.4	132665	1779.3	QPSK	6@0	3.0	0.00169	±2.5	PASS	VH
66	1.4	132665	1779.3	QPSK	6@0	1.54	0.00087	±2.5	PASS	-30℃
66	1.4	132665	1779.3	QPSK	6@0	1.56	0.00088	±2.5	PASS	-20℃
66	1.4	132665	1779.3	QPSK	6@0	1.75	0.00098	±2.5	PASS	-10℃
66	1.4	132665	1779.3	QPSK	6@0	3.06	0.00172	±2.5	PASS	0℃
66	1.4	132665	1779.3	QPSK	6@0	3.09	0.00174	±2.5	PASS	10℃
66	1.4	132665	1779.3	QPSK	6@0	-4.45	-0.0025	±2.5	PASS	20℃
66	1.4	132665	1779.3	QPSK	6@0	-2.35	-0.00132	±2.5	PASS	30℃
66	1.4	132665	1779.3	QPSK	6@0	-1.46	-0.00082	±2.5	PASS	40℃
66	1.4	132665	1779.3	QPSK	6@0	3.18	0.00178	±2.5	PASS	50℃
66	3.0	131987	1711.5	QPSK	15@0	-5.09	-0.00298	±2.5	PASS	VL
66	3.0	131987	1711.5	QPSK	15@0	-1.1	-0.00064	±2.5	PASS	VN
66	3.0	131987	1711.5	QPSK	15@0	-4.33	-0.00253	±2.5	PASS	VH
66	3.0	131987	1711.5	QPSK	15@0	2.39	0.0014	±2.5	PASS	-30℃
66	3.0	131987	1711.5	QPSK	15@0	1.0	0.00059	±2.5	PASS	-20℃
66	3.0	131987	1711.5	QPSK	15@0	0.97	0.00057	±2.5	PASS	-10℃
66	3.0	131987	1711.5	QPSK	15@0	0.32	0.00019	±2.5	PASS	0℃
66	3.0	131987	1711.5	QPSK	15@0	2.53	0.00148	±2.5	PASS	10℃
66	3.0	131987	1711.5	QPSK	15@0	0.6	0.00035	±2.5	PASS	20℃
66	3.0	131987	1711.5	QPSK	15@0	-1.33	-0.00078	±2.5	PASS	30℃
66	3.0	131987	1711.5	QPSK	15@0	2.35	0.00137	±2.5	PASS	40℃
66	3.0	131987	1711.5	QPSK	15@0	-1.34	-0.00079	±2.5	PASS	50℃
66	3.0	132322	1745.0	QPSK	15@0	-3.99	-0.00229	±2.5	PASS	VL
66	3.0	132322	1745.0	QPSK	15@0	1.0	0.00057	±2.5	PASS	VN
66	3.0	132322	1745.0	QPSK	15@0	2.22	0.00127	±2.5	PASS	VH
66	3.0	132322	1745.0	QPSK	15@0	0.29	0.00016	±2.5	PASS	-30℃
66	3.0	132322	1745.0	QPSK	15@0	1.12	0.00064	±2.5	PASS	-20℃
66	3.0	132322	1745.0	QPSK	15@0	-3.12	-0.00179	±2.5	PASS	-10℃
66	3.0	132322	1745.0	QPSK	15@0	-4.19	-0.0024	±2.5	PASS	0℃
66	3.0	132322	1745.0	QPSK	15@0	-1.52	-0.00087	±2.5	PASS	10℃

66	3.0	132322	1745.0	QPSK	15@0	-0.8	-0.00046	±2.5	PASS	20℃
66	3.0	132322	1745.0	QPSK	15@0	-1.9	-0.00109	±2.5	PASS	30℃
66	3.0	132322	1745.0	QPSK	15@0	0.59	0.00034	±2.5	PASS	40℃
66	3.0	132322	1745.0	QPSK	15@0	-0.34	-0.0002	±2.5	PASS	50℃
66	3.0	132657	1778.5	QPSK	15@0	0.92	0.00051	±2.5	PASS	VL
66	3.0	132657	1778.5	QPSK	15@0	-1.8	-0.00101	±2.5	PASS	VN
66	3.0	132657	1778.5	QPSK	15@0	2.12	0.00119	±2.5	PASS	VH
66	3.0	132657	1778.5	QPSK	15@0	1.57	0.00088	±2.5	PASS	-30℃
66	3.0	132657	1778.5	QPSK	15@0	3.75	0.00211	±2.5	PASS	-20℃
66	3.0	132657	1778.5	QPSK	15@0	0.44	0.00025	±2.5	PASS	-10℃
66	3.0	132657	1778.5	QPSK	15@0	-4.85	-0.00273	±2.5	PASS	0℃
66	3.0	132657	1778.5	QPSK	15@0	-0.43	-0.00024	±2.5	PASS	10℃
66	3.0	132657	1778.5	QPSK	15@0	-1.46	-0.00082	±2.5	PASS	20℃
66	3.0	132657	1778.5	QPSK	15@0	-2.47	-0.00139	±2.5	PASS	30℃
66	3.0	132657	1778.5	QPSK	15@0	4.23	0.00238	±2.5	PASS	40℃
66	3.0	132657	1778.5	QPSK	15@0	-1.03	-0.00058	±2.5	PASS	50℃
66	5.0	131997	1712.5	QPSK	25@0	-4.84	-0.00282	±2.5	PASS	VL
66	5.0	131997	1712.5	QPSK	25@0	-3.82	-0.00223	±2.5	PASS	VN
66	5.0	131997	1712.5	QPSK	25@0	2.98	0.00174	±2.5	PASS	VH
66	5.0	131997	1712.5	QPSK	25@0	-2.37	-0.00139	±2.5	PASS	-30℃
66	5.0	131997	1712.5	QPSK	25@0	1.36	0.00079	±2.5	PASS	-20℃
66	5.0	131997	1712.5	QPSK	25@0	-3.25	-0.0019	±2.5	PASS	-10℃
66	5.0	131997	1712.5	QPSK	25@0	-4.21	-0.00246	±2.5	PASS	0℃
66	5.0	131997	1712.5	QPSK	25@0	0.86	0.0005	±2.5	PASS	10℃
66	5.0	131997	1712.5	QPSK	25@0	0.83	0.00048	±2.5	PASS	20℃
66	5.0	131997	1712.5	QPSK	25@0	-1.37	-0.0008	±2.5	PASS	30℃
66	5.0	131997	1712.5	QPSK	25@0	1.5	0.00088	±2.5	PASS	40℃
66	5.0	131997	1712.5	QPSK	25@0	7.14	0.00417	±2.5	PASS	50℃
66	5.0	132322	1745.0	QPSK	25@0	-0.26	-0.00015	±2.5	PASS	VL
66	5.0	132322	1745.0	QPSK	25@0	4.08	0.00234	±2.5	PASS	VN
66	5.0	132322	1745.0	QPSK	25@0	-2.75	-0.00157	±2.5	PASS	VH
66	5.0	132322	1745.0	QPSK	25@0	-3.96	-0.00227	±2.5	PASS	-30℃
66	5.0	132322	1745.0	QPSK	25@0	-1.37	-0.00079	±2.5	PASS	-20℃
66	5.0	132322	1745.0	QPSK	25@0	-0.79	-0.00045	±2.5	PASS	-10℃
66	5.0	132322	1745.0	QPSK	25@0	1.23	0.00071	±2.5	PASS	0℃
66	5.0	132322	1745.0	QPSK	25@0	0.36	0.0002	±2.5	PASS	10℃
66	5.0	132322	1745.0	QPSK	25@0	1.82	0.00104	±2.5	PASS	20℃

66	5.0	132322	1745.0	QPSK	25@0	3.92	0.00225	±2.5	PASS	30℃
66	5.0	132322	1745.0	QPSK	25@0	-7.08	-0.00406	±2.5	PASS	40℃
66	5.0	132322	1745.0	QPSK	25@0	-1.29	-0.00074	±2.5	PASS	50℃
66	5.0	132647	1777.5	QPSK	25@0	-5.02	-0.00282	±2.5	PASS	VL
66	5.0	132647	1777.5	QPSK	25@0	1.27	0.00072	±2.5	PASS	VN
66	5.0	132647	1777.5	QPSK	25@0	7.52	0.00423	±2.5	PASS	VH
66	5.0	132647	1777.5	QPSK	25@0	-3.63	-0.00204	±2.5	PASS	-30℃
66	5.0	132647	1777.5	QPSK	25@0	-1.4	-0.00079	±2.5	PASS	-20℃
66	5.0	132647	1777.5	QPSK	25@0	-0.7	-0.00039	±2.5	PASS	-10℃
66	5.0	132647	1777.5	QPSK	25@0	4.48	0.00252	±2.5	PASS	0℃
66	5.0	132647	1777.5	QPSK	25@0	0.32	0.00018	±2.5	PASS	10℃
66	5.0	132647	1777.5	QPSK	25@0	1.52	0.00085	±2.5	PASS	20℃
66	5.0	132647	1777.5	QPSK	25@0	2.17	0.00122	±2.5	PASS	30℃
66	5.0	132647	1777.5	QPSK	25@0	3.02	0.0017	±2.5	PASS	40℃
66	5.0	132647	1777.5	QPSK	25@0	3.22	0.00181	±2.5	PASS	50℃
66	10.0	132022	1715.0	QPSK	50@0	-1.23	-0.00072	±2.5	PASS	VL
66	10.0	132022	1715.0	QPSK	50@0	5.05	0.00294	±2.5	PASS	VN
66	10.0	132022	1715.0	QPSK	50@0	-0.53	-0.00031	±2.5	PASS	VH
66	10.0	132022	1715.0	QPSK	50@0	-0.3	-0.00018	±2.5	PASS	-30℃
66	10.0	132022	1715.0	QPSK	50@0	-2.7	-0.00158	±2.5	PASS	-20℃
66	10.0	132022	1715.0	QPSK	50@0	-6.34	-0.0037	±2.5	PASS	-10℃
66	10.0	132022	1715.0	QPSK	50@0	2.76	0.00161	±2.5	PASS	0℃
66	10.0	132022	1715.0	QPSK	50@0	1.29	0.00075	±2.5	PASS	10℃
66	10.0	132022	1715.0	QPSK	50@0	0.46	0.00027	±2.5	PASS	20℃
66	10.0	132022	1715.0	QPSK	50@0	0.32	0.00019	±2.5	PASS	30℃
66	10.0	132022	1715.0	QPSK	50@0	0.74	0.00043	±2.5	PASS	40℃
66	10.0	132022	1715.0	QPSK	50@0	2.62	0.00153	±2.5	PASS	50℃
66	10.0	132322	1745.0	QPSK	50@0	5.14	0.00294	±2.5	PASS	VL
66	10.0	132322	1745.0	QPSK	50@0	0.31	0.00018	±2.5	PASS	VN
66	10.0	132322	1745.0	QPSK	50@0	2.47	0.00142	±2.5	PASS	VH
66	10.0	132322	1745.0	QPSK	50@0	-0.62	-0.00035	±2.5	PASS	-30℃
66	10.0	132322	1745.0	QPSK	50@0	-4.09	-0.00234	±2.5	PASS	-20℃
66	10.0	132322	1745.0	QPSK	50@0	3.72	0.00213	±2.5	PASS	-10℃
66	10.0	132322	1745.0	QPSK	50@0	1.02	0.00058	±2.5	PASS	0℃
66	10.0	132322	1745.0	QPSK	50@0	0.77	0.00044	±2.5	PASS	10℃
66	10.0	132322	1745.0	QPSK	50@0	2.42	0.00139	±2.5	PASS	20℃
66	10.0	132322	1745.0	QPSK	50@0	2.22	0.00127	±2.5	PASS	30℃

66	10.0	132322	1745.0	QPSK	50@0	1.92	0.0011	±2.5	PASS	40℃
66	10.0	132322	1745.0	QPSK	50@0	-2.3	-0.00132	±2.5	PASS	50℃
66	10.0	132622	1775.0	QPSK	50@0	4.08	0.0023	±2.5	PASS	VL
66	10.0	132622	1775.0	QPSK	50@0	-3.0	-0.00169	±2.5	PASS	VN
66	10.0	132622	1775.0	QPSK	50@0	1.83	0.00103	±2.5	PASS	VH
66	10.0	132622	1775.0	QPSK	50@0	1.79	0.00101	±2.5	PASS	-30℃
66	10.0	132622	1775.0	QPSK	50@0	3.23	0.00182	±2.5	PASS	-20℃
66	10.0	132622	1775.0	QPSK	50@0	0.89	0.0005	±2.5	PASS	-10℃
66	10.0	132622	1775.0	QPSK	50@0	-2.89	-0.00163	±2.5	PASS	0℃
66	10.0	132622	1775.0	QPSK	50@0	-2.8	-0.00158	±2.5	PASS	10℃
66	10.0	132622	1775.0	QPSK	50@0	2.79	0.00157	±2.5	PASS	20℃
66	10.0	132622	1775.0	QPSK	50@0	0.59	0.00033	±2.5	PASS	30℃
66	10.0	132622	1775.0	QPSK	50@0	-1.2	-0.00068	±2.5	PASS	40℃
66	10.0	132622	1775.0	QPSK	50@0	0.66	0.00037	±2.5	PASS	50℃
66	15.0	132047	1717.5	QPSK	75@0	-2.59	-0.00151	±2.5	PASS	VL
66	15.0	132047	1717.5	QPSK	75@0	-8.41	-0.0049	±2.5	PASS	VN
66	15.0	132047	1717.5	QPSK	75@0	-3.26	-0.0019	±2.5	PASS	VH
66	15.0	132047	1717.5	QPSK	75@0	0.41	0.00024	±2.5	PASS	-30℃
66	15.0	132047	1717.5	QPSK	75@0	-1.52	-0.00088	±2.5	PASS	-20℃
66	15.0	132047	1717.5	QPSK	75@0	-3.42	-0.00199	±2.5	PASS	-10℃
66	15.0	132047	1717.5	QPSK	75@0	-0.2	-0.00012	±2.5	PASS	0℃
66	15.0	132047	1717.5	QPSK	75@0	-1.79	-0.00104	±2.5	PASS	10℃
66	15.0	132047	1717.5	QPSK	75@0	-0.29	-0.00017	±2.5	PASS	20℃
66	15.0	132047	1717.5	QPSK	75@0	-1.75	-0.00102	±2.5	PASS	30℃
66	15.0	132047	1717.5	QPSK	75@0	3.28	0.00191	±2.5	PASS	40℃
66	15.0	132047	1717.5	QPSK	75@0	-1.83	-0.00107	±2.5	PASS	50℃
66	15.0	132322	1745.0	QPSK	75@0	-5.12	-0.00293	±2.5	PASS	VL
66	15.0	132322	1745.0	QPSK	75@0	-4.28	-0.00245	±2.5	PASS	VN
66	15.0	132322	1745.0	QPSK	75@0	-4.76	-0.00273	±2.5	PASS	VH
66	15.0	132322	1745.0	QPSK	75@0	-4.18	-0.00239	±2.5	PASS	-30℃
66	15.0	132322	1745.0	QPSK	75@0	-5.01	-0.00287	±2.5	PASS	-20℃
66	15.0	132322	1745.0	QPSK	75@0	-5.51	-0.00316	±2.5	PASS	-10℃
66	15.0	132322	1745.0	QPSK	75@0	-5.04	-0.00289	±2.5	PASS	0℃
66	15.0	132322	1745.0	QPSK	75@0	-0.7	-0.0004	±2.5	PASS	10℃
66	15.0	132322	1745.0	QPSK	75@0	1.17	0.00067	±2.5	PASS	20℃
66	15.0	132322	1745.0	QPSK	75@0	-2.03	-0.00116	±2.5	PASS	30℃
66	15.0	132322	1745.0	QPSK	75@0	-2.65	-0.00152	±2.5	PASS	40℃

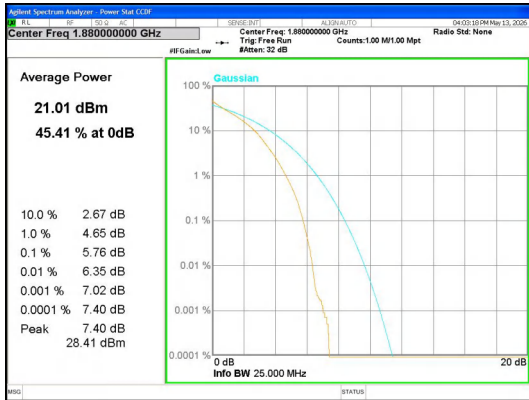
66	15.0	132322	1745.0	QPSK	75@0	-3.26	-0.00187	±2.5	PASS	50℃
66	15.0	132597	1772.5	QPSK	75@0	-0.76	-0.00043	±2.5	PASS	VL
66	15.0	132597	1772.5	QPSK	75@0	-6.61	-0.00373	±2.5	PASS	VN
66	15.0	132597	1772.5	QPSK	75@0	-2.17	-0.00123	±2.5	PASS	VH
66	15.0	132597	1772.5	QPSK	75@0	-4.81	-0.00271	±2.5	PASS	-30℃
66	15.0	132597	1772.5	QPSK	75@0	-3.58	-0.00202	±2.5	PASS	-20℃
66	15.0	132597	1772.5	QPSK	75@0	-2.0	-0.00113	±2.5	PASS	-10℃
66	15.0	132597	1772.5	QPSK	75@0	-3.28	-0.00185	±2.5	PASS	0℃
66	15.0	132597	1772.5	QPSK	75@0	-3.39	-0.00191	±2.5	PASS	10℃
66	15.0	132597	1772.5	QPSK	75@0	-9.63	-0.00543	±2.5	PASS	20℃
66	15.0	132597	1772.5	QPSK	75@0	3.81	0.00215	±2.5	PASS	30℃
66	15.0	132597	1772.5	QPSK	75@0	0.72	0.0004	±2.5	PASS	40℃
66	15.0	132597	1772.5	QPSK	75@0	-1.34	-0.00076	±2.5	PASS	50℃
66	20.0	132072	1720.0	QPSK	100@0	-5.65	-0.00329	±2.5	PASS	VL
66	20.0	132072	1720.0	QPSK	100@0	-1.2	-0.0007	±2.5	PASS	VN
66	20.0	132072	1720.0	QPSK	100@0	2.68	0.00156	±2.5	PASS	VH
66	20.0	132072	1720.0	QPSK	100@0	-5.79	-0.00337	±2.5	PASS	-30℃
66	20.0	132072	1720.0	QPSK	100@0	-2.45	-0.00142	±2.5	PASS	-20℃
66	20.0	132072	1720.0	QPSK	100@0	-3.05	-0.00177	±2.5	PASS	-10℃
66	20.0	132072	1720.0	QPSK	100@0	0.31	0.00018	±2.5	PASS	0℃
66	20.0	132072	1720.0	QPSK	100@0	-2.27	-0.0013	±2.5	PASS	10℃
66	20.0	132072	1720.0	QPSK	100@0	-6.92	-0.0039	±2.5	PASS	20℃
66	20.0	132072	1720.0	QPSK	100@0	0.7	0.00039	±2.5	PASS	30℃
66	20.0	132072	1720.0	QPSK	100@0	-1.49	-0.00086	±2.5	PASS	40℃
66	20.0	132072	1720.0	QPSK	100@0	-5.58	-0.00324	±2.5	PASS	50℃
66	20.0	132322	1745.0	QPSK	100@0	-1.85	-0.00106	±2.5	PASS	VL
66	20.0	132322	1745.0	QPSK	100@0	-7.12	-0.00408	±2.5	PASS	VN
66	20.0	132322	1745.0	QPSK	100@0	-3.98	-0.00225	±2.5	PASS	VH
66	20.0	132322	1745.0	QPSK	100@0	0.69	0.00039	±2.5	PASS	-30℃
66	20.0	132322	1745.0	QPSK	100@0	-5.98	-0.00343	±2.5	PASS	-20℃
66	20.0	132322	1745.0	QPSK	100@0	-3.3	-0.00189	±2.5	PASS	-10℃
66	20.0	132322	1745.0	QPSK	100@0	-2.92	-0.00167	±2.5	PASS	0℃
66	20.0	132322	1745.0	QPSK	100@0	-3.46	-0.00198	±2.5	PASS	10℃
66	20.0	132322	1745.0	QPSK	100@0	0.63	0.00036	±2.5	PASS	20℃
66	20.0	132322	1745.0	QPSK	100@0	-0.5	-0.00029	±2.5	PASS	30℃
66	20.0	132322	1745.0	QPSK	100@0	2.12	0.00121	±2.5	PASS	40℃
66	20.0	132322	1745.0	QPSK	100@0	-2.47	-0.00142	±2.5	PASS	50℃

66	20.0	132572	1770.0	QPSK	100@0	-9.56	-0.0054	±2.5	PASS	VL
66	20.0	132572	1770.0	QPSK	100@0	0.31	0.00018	±2.5	PASS	VN
66	20.0	132572	1770.0	QPSK	100@0	-2.27	-0.0013	±2.5	PASS	VH
66	20.0	132572	1770.0	QPSK	100@0	-6.92	-0.0039	±2.5	PASS	-30℃
66	20.0	132572	1770.0	QPSK	100@0	0.7	0.00039	±2.5	PASS	-20℃
66	20.0	132572	1770.0	QPSK	100@0	-1.49	-0.00086	±2.5	PASS	-10℃
66	20.0	132572	1770.0	QPSK	100@0	-5.58	-0.00324	±2.5	PASS	0℃
66	20.0	132572	1770.0	QPSK	100@0	-1.85	-0.00106	±2.5	PASS	10℃
66	20.0	132572	1770.0	QPSK	100@0	-7.12	-0.00408	±2.5	PASS	20℃
66	20.0	132572	1770.0	QPSK	100@0	-3.98	-0.00225	±2.5	PASS	30℃
66	20.0	132572	1770.0	QPSK	100@0	0.31	0.00018	±2.5	PASS	40℃
66	20.0	132572	1770.0	QPSK	100@0	-2.27	-0.0013	±2.5	PASS	50℃

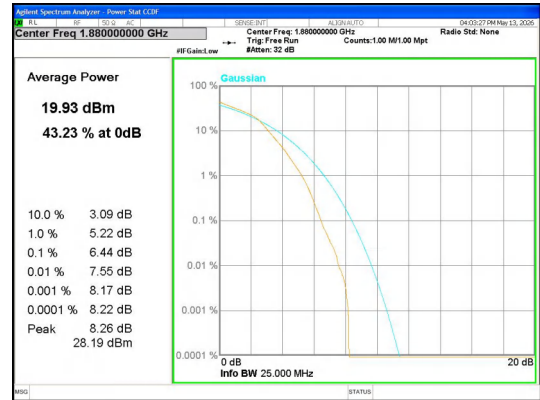
Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
2	1.4	18900	1880.0	QPSK	6@0	5.76	13	PASS
2	1.4	18900	1880.0	16QAM	6@0	6.44	13	PASS
2	3.0	18900	1880.0	QPSK	15@0	5.69	13	PASS
2	3.0	18900	1880.0	16QAM	15@0	6.41	13	PASS
2	5.0	18900	1880.0	QPSK	25@0	5.72	13	PASS
2	5.0	18900	1880.0	16QAM	25@0	6.39	13	PASS
2	10.0	18900	1880.0	QPSK	50@0	5.72	13	PASS
2	10.0	18900	1880.0	16QAM	50@0	3.26	13	PASS
2	15.0	18900	1880.0	QPSK	75@0	6.01	13	PASS
2	15.0	18900	1880.0	16QAM	75@0	3.92	13	PASS
2	20.0	18900	1880.0	QPSK	100@0	5.7	13	PASS
2	20.0	18900	1880.0	16QAM	100@0	3.26	13	PASS
4	1.4	20175	1732.5	QPSK	6@0	5.86	13	PASS
4	1.4	20175	1732.5	16QAM	6@0	6.67	13	PASS
4	3.0	20175	1732.5	QPSK	15@0	5.86	13	PASS
4	3.0	20175	1732.5	16QAM	15@0	6.55	13	PASS
4	5.0	20175	1732.5	QPSK	25@0	5.9	13	PASS
4	5.0	20175	1732.5	16QAM	25@0	6.58	13	PASS
4	10.0	20175	1732.5	QPSK	50@0	5.89	13	PASS
4	10.0	20175	1732.5	16QAM	50@0	3.94	13	PASS
4	15.0	20175	1732.5	QPSK	75@0	6.13	13	PASS
4	15.0	20175	1732.5	16QAM	75@0	4.53	13	PASS
4	20.0	20175	1732.5	QPSK	100@0	5.81	13	PASS
4	20.0	20175	1732.5	16QAM	100@0	4.36	13	PASS
5	1.4	20525	836.5	QPSK	6@0	6.01	13	PASS
5	1.4	20525	836.5	16QAM	6@0	6.72	13	PASS
5	3.0	20525	836.5	QPSK	15@0	6.01	13	PASS
5	3.0	20525	836.5	16QAM	15@0	6.7	13	PASS
5	5.0	20525	836.5	QPSK	25@0	6.07	13	PASS
5	5.0	20525	836.5	16QAM	25@0	6.64	13	PASS
5	10.0	20525	836.5	QPSK	50@0	6.05	13	PASS
5	10.0	20525	836.5	16QAM	50@0	4.0	13	PASS
12	1.4	23095	707.5	QPSK	6@0	5.75	13	PASS
12	1.4	23095	707.5	16QAM	6@0	6.62	13	PASS

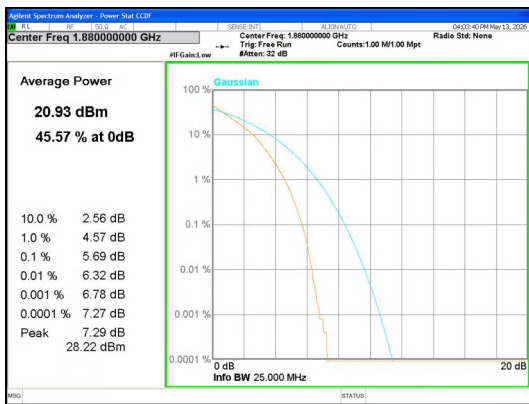
12	3.0	23095	707.5	QPSK	15@0	5.75	13	PASS
12	3.0	23095	707.5	16QAM	15@0	6.39	13	PASS
12	5.0	23095	707.5	QPSK	25@0	5.8	13	PASS
12	5.0	23095	707.5	16QAM	25@0	6.38	13	PASS
12	10.0	23095	707.5	QPSK	50@0	5.72	13	PASS
12	10.0	23095	707.5	16QAM	50@0	3.64	13	PASS
13	5.0	23230	782.0	QPSK	25@0	6.06	13	PASS
13	5.0	23230	782.0	16QAM	25@0	6.77	13	PASS
13	10.0	23230	782.0	QPSK	50@0	6.09	13	PASS
13	10.0	23230	782.0	16QAM	50@0	4.01	13	PASS
66	1.4	132322	1745.0	QPSK	6@0	5.99	13	PASS
66	1.4	132322	1745.0	16QAM	6@0	6.71	13	PASS
66	3.0	132322	1745.0	QPSK	15@0	5.94	13	PASS
66	3.0	132322	1745.0	16QAM	15@0	6.6	13	PASS
66	5.0	132322	1745.0	QPSK	25@0	6.0	13	PASS
66	5.0	132322	1745.0	16QAM	25@0	6.61	13	PASS
66	10.0	132322	1745.0	QPSK	50@0	6.02	13	PASS
66	10.0	132322	1745.0	16QAM	50@0	3.35	13	PASS
66	15.0	132322	1745.0	QPSK	75@0	6.21	13	PASS
66	15.0	132322	1745.0	16QAM	75@0	3.52	13	PASS
66	20.0	132322	1745.0	QPSK	100@0	5.9	13	PASS
66	20.0	132322	1745.0	16QAM	100@0	3.86	13	PASS



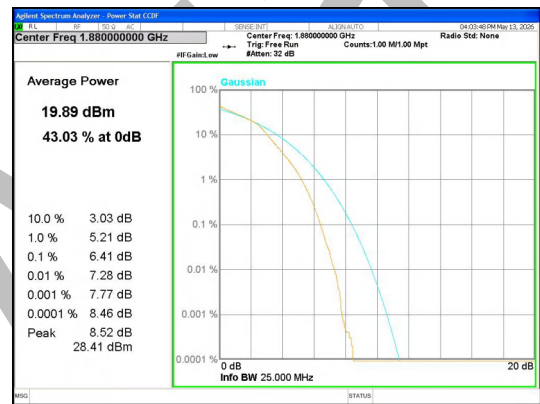
Band 2 1.4MHz/1880.0/Mid QPSK 6@0



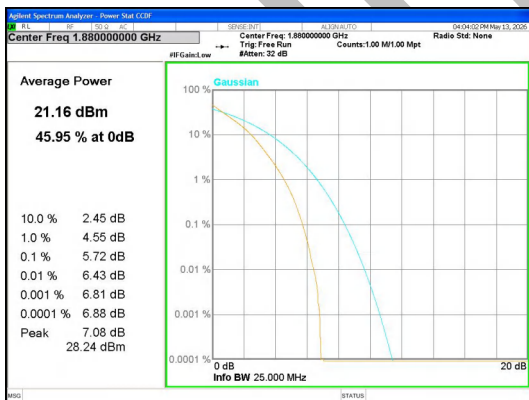
Band 2 1.4MHz/1880.0/Mid 16QAM 6@0



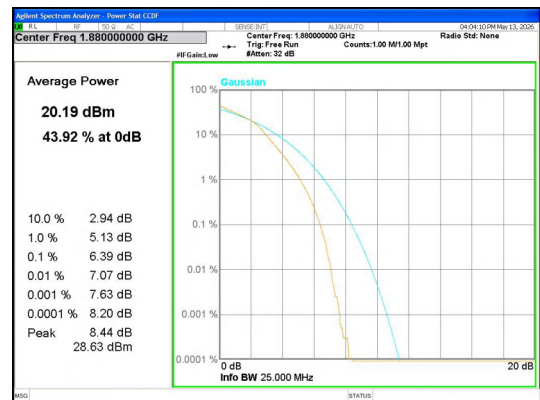
Band 2 3MHz/1880.0/Mid QPSK 15@0



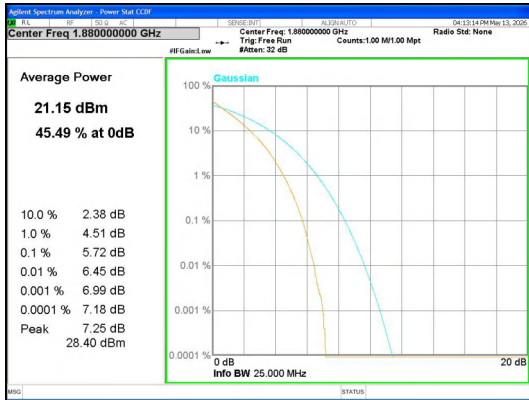
Band 2 3MHz/1880.0/Mid 16QAM 15@0



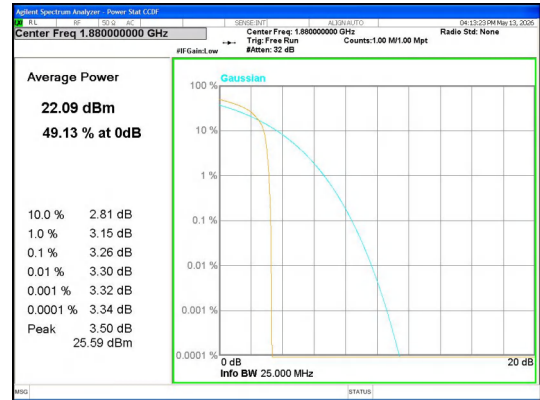
Band 2 5MHz/1880.0/Mid QPSK 25@0



Band 2 5MHz/1880.0/Mid 16QAM 25@0



Band 2 10MHz/1880.0/Mid QPSK 50@0



Band 2 10MHz/1880.0/Mid 16QAM 50@0



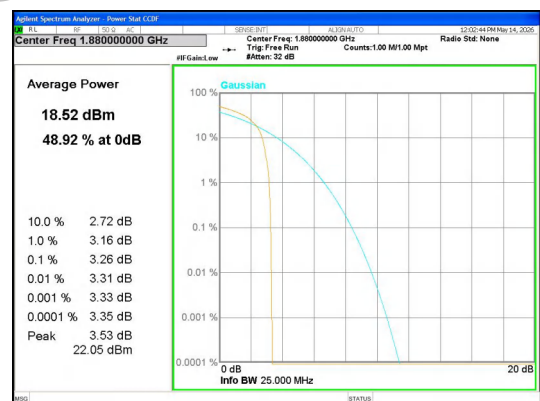
Band 2 15MHz/1880.0/Mid QPSK 75@0



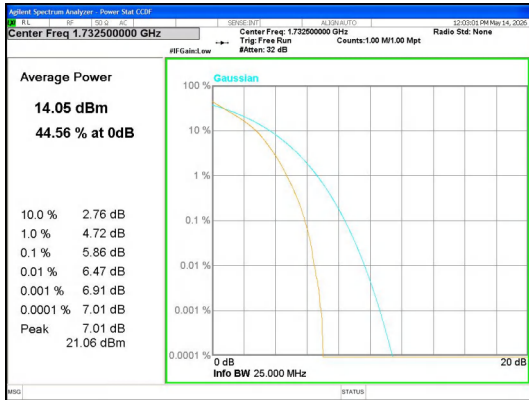
Band 2 15MHz/1880.0/Mid 16QAM 75@0



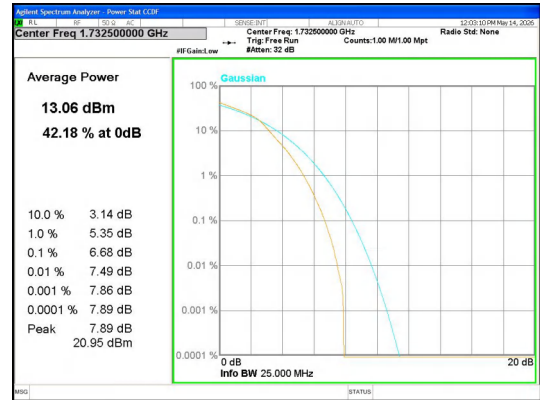
Band 2 20MHz/1880.0/Mid QPSK 100@0



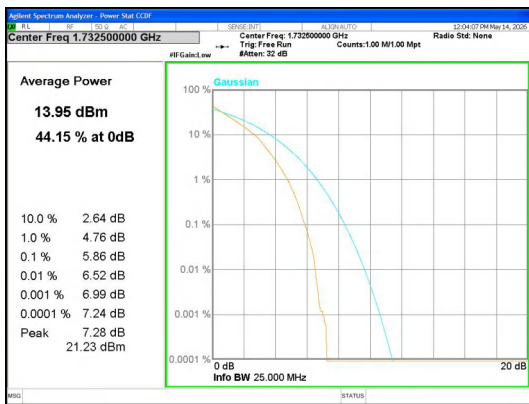
Band 2 20MHz/1880.0/Mid 16QAM 100@0



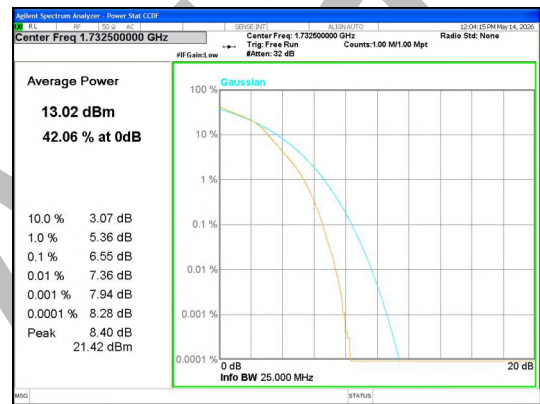
Band 4 1.4MHz/1732.5/Mid QPSK 6@0



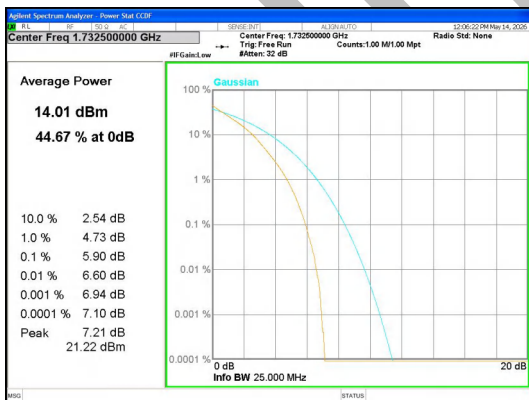
Band 4 1.4MHz/1732.5/Mid 16QAM 6@0



Band 4 3MHz/1732.5/Mid QPSK 15@0



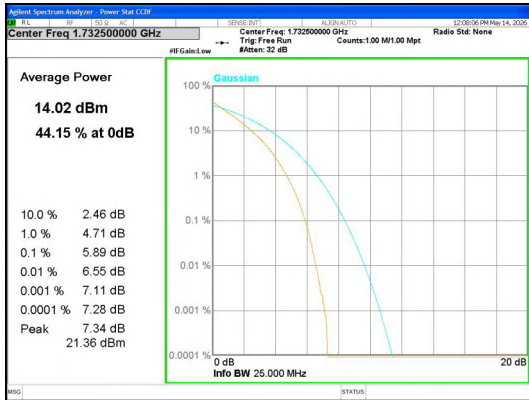
Band 4 3MHz/1732.5/Mid 16QAM 15@0



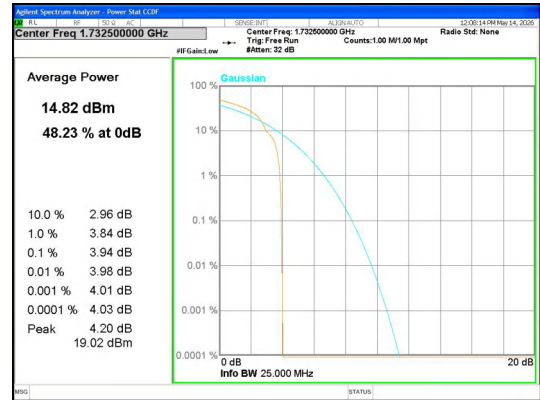
Band 4 5MHz/1732.5/Mid QPSK 25@0



Band 4 5MHz/1732.5/Mid 16QAM 25@0



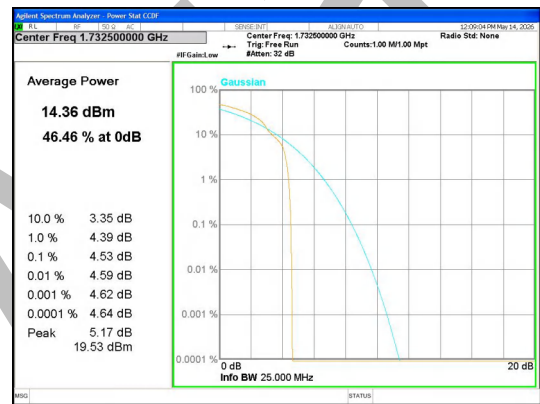
Band 4 10MHz/1732.5/Mid QPSK 50@0



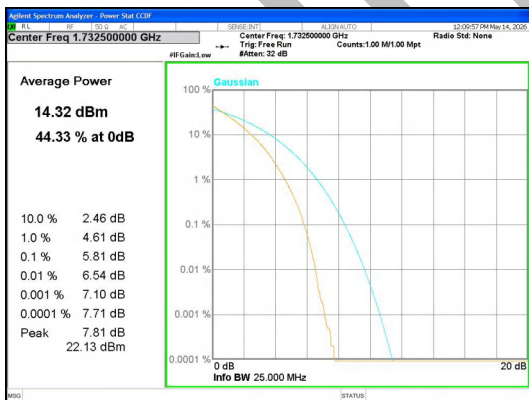
Band 4 10MHz/1732.5/Mid 16QAM 50@0



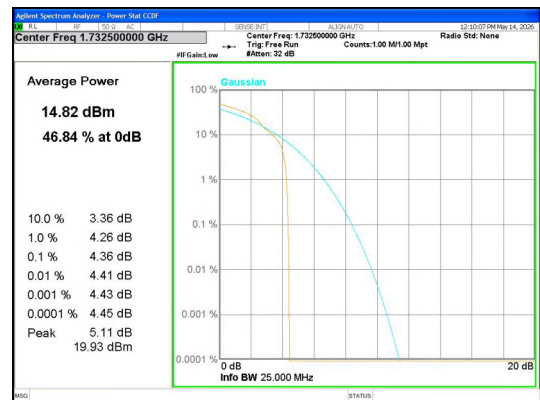
Band 4 15MHz/1732.5/Mid QPSK 75@0



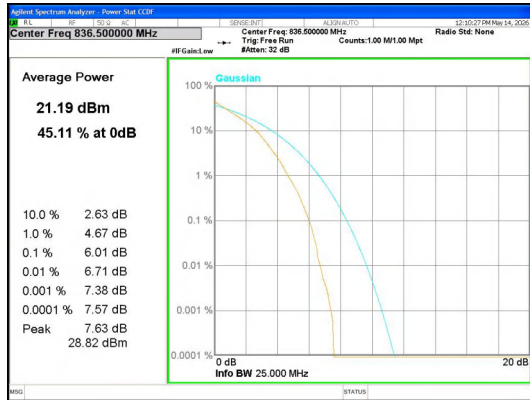
Band 4 15MHz/1732.5/Mid 16QAM 75@0



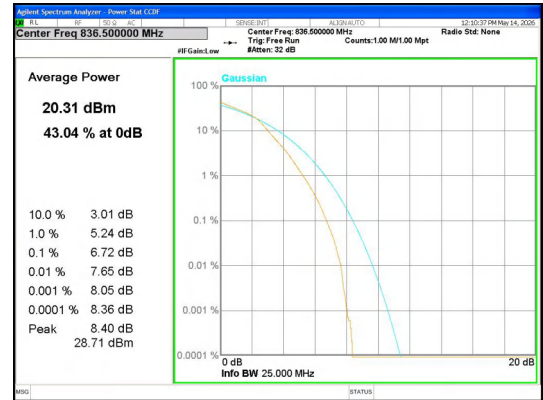
Band 4 20MHz/1732.5/Mid QPSK 100@0



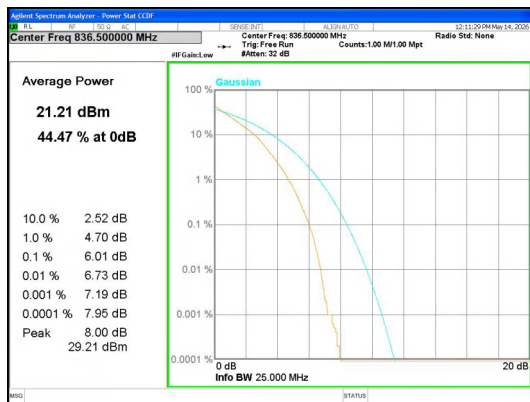
Band 4 20MHz/1732.5/Mid 16QAM 100@0



Band 5 1.4MHz/836.5/Mid QPSK 6@0



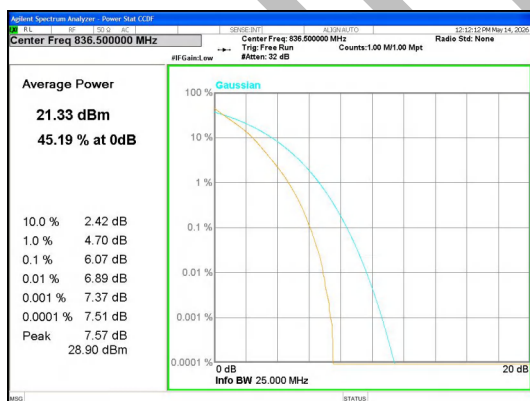
Band 5 1.4MHz/836.5/Mid 16QAM 6@0



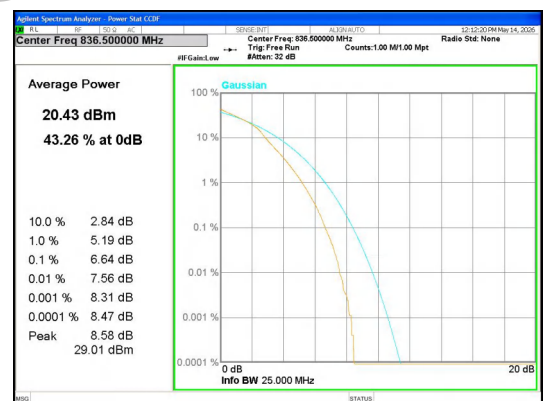
Band 5 3MHz/836.5/Mid QPSK 15@0



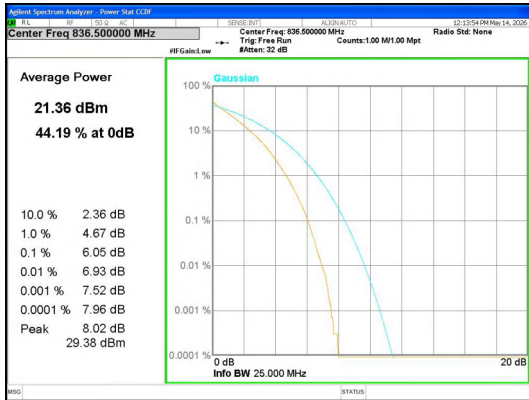
Band 5 3MHz/836.5/Mid 16QAM 15@0



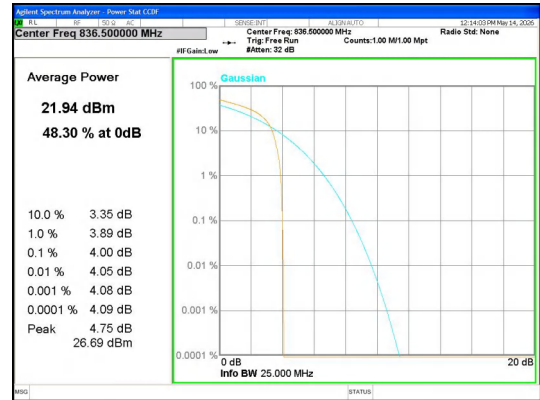
Band 5 5MHz/836.5/Mid QPSK 25@0



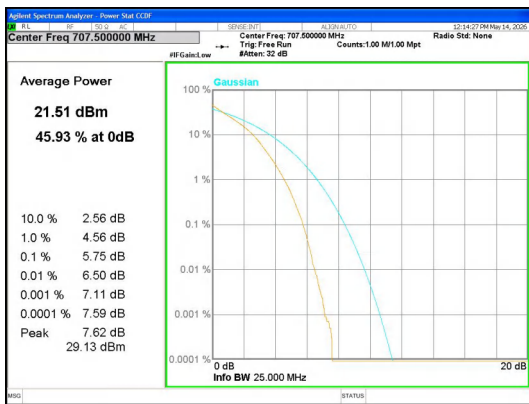
Band 5 5MHz/836.5/Mid 16QAM 25@0



Band 5 10MHz/836.5/Mid QPSK 50@0



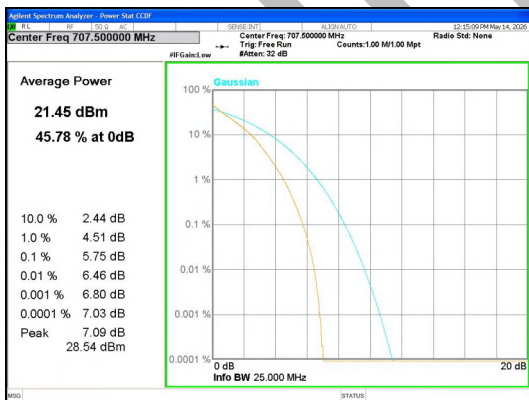
Band 5 10MHz/836.5/Mid 16QAM 50@0



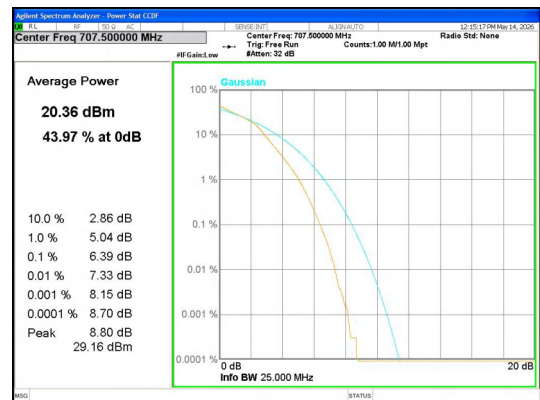
Band 12 1.4MHz/707.5/Mid QPSK 6@0



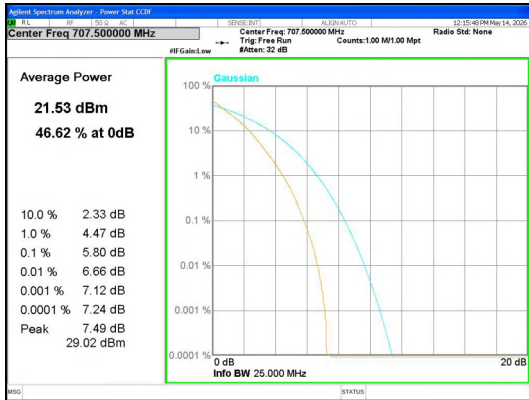
Band 12 1.4MHz/707.5/Mid 16QAM 6@0



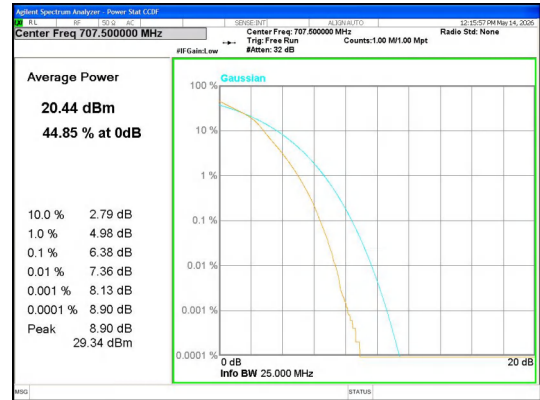
Band 12 3MHz/707.5/Mid QPSK 15@0



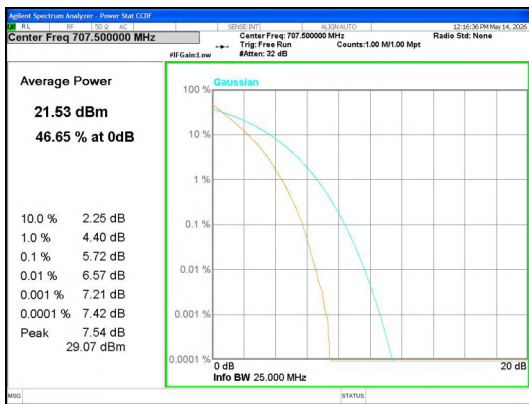
Band 12 3MHz/707.5/Mid 16QAM 15@0



Band 12 5MHz/707.5/Mid QPSK 25@0



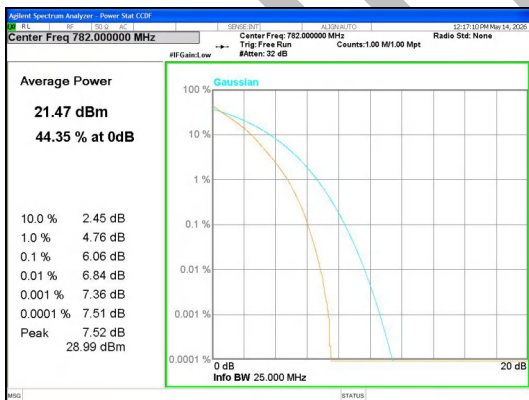
Band 12 5MHz/707.5/Mid 16QAM 25@0



Band 12 10MHz/707.5/Mid QPSK 50@0



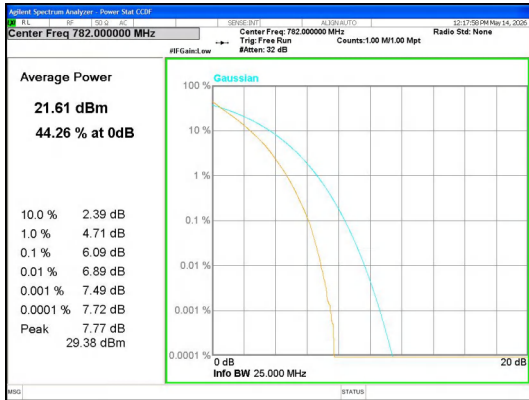
Band 12 10MHz/707.5/Mid 16QAM 50@0



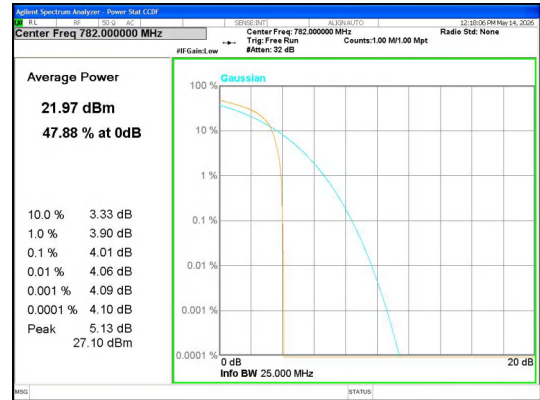
Band 13 5MHz/782.0/Mid QPSK 25@0



Band 13 5MHz/782.0/Mid 16QAM 25@0



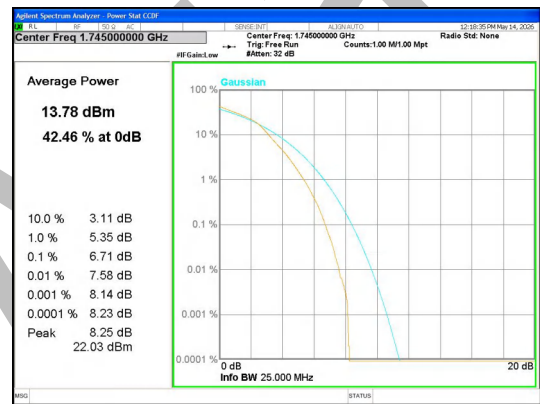
Band 13 10MHz/782.0/Mid QPSK 50@0



Band 13 10MHz/782.0/Mid 16QAM 50@0



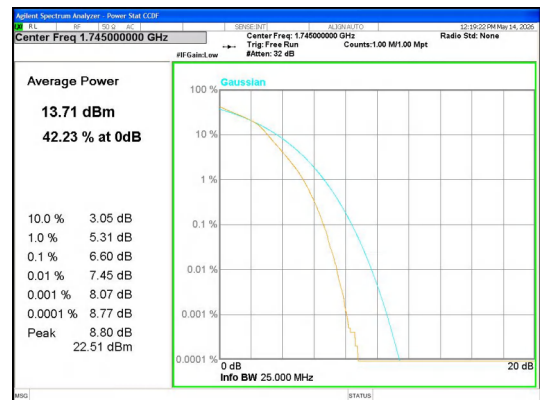
Band 66 1.4MHz/1745.0/Mid QPSK 6@0



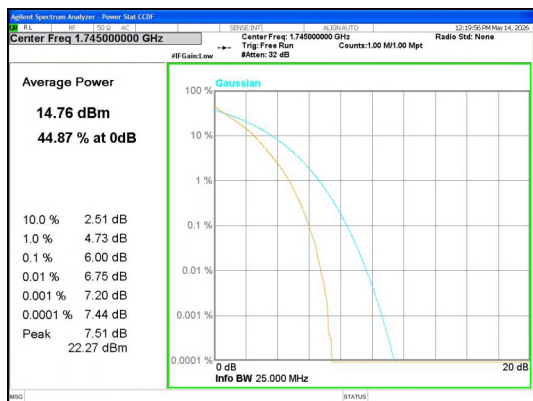
Band 66 1.4MHz/1745.0/Mid 16QAM 6@0



Band 66 3MHz/1745.0/Mid QPSK 15@0



Band 66 3MHz/1745.0/Mid 16QAM 15@0



Band 66 5MHz/1745.0/Mid QPSK 25@0



Band 66 5MHz/1745.0/Mid 16QAM 25@0



Band 66 10MHz/1745.0/Mid QPSK 50@0



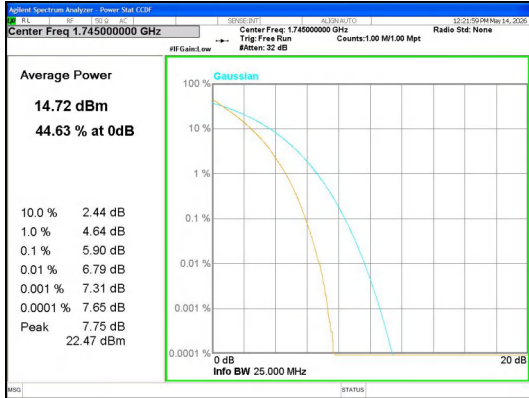
Band 66 10MHz/1745.0/Mid 16QAM 50@0



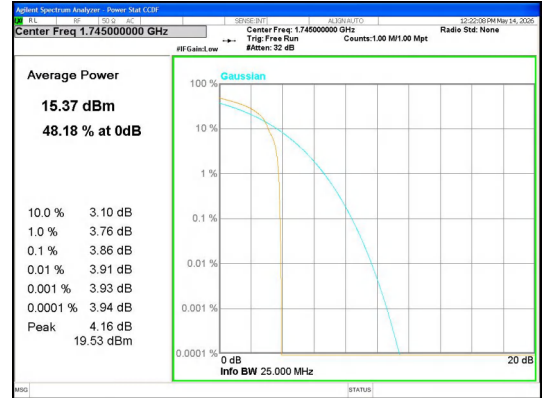
Band 66 15MHz/1745.0/Mid QPSK 75@0



Band 66 15MHz/1745.0/Mid 16QAM 75@0



Band 66 20MHz/1745.0/Mid QPSK 100@0



Band 66 20MHz/1745.0/Mid 16QAM 100@0

BlueAsia

Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
2	1.4	18607	1850.7	QPSK	6@0	1.0812	1.248	PASS
2	1.4	18607	1850.7	16QAM	6@0	1.0867	1.276	PASS
2	1.4	18900	1880.0	QPSK	6@0	1.0823	1.263	PASS
2	1.4	18900	1880.0	16QAM	6@0	1.0841	1.243	PASS
2	1.4	19193	1909.3	QPSK	6@0	1.0846	1.261	PASS
2	1.4	19193	1909.3	16QAM	6@0	1.0847	1.267	PASS
2	3.0	18615	1880.0	QPSK	15@0	2.6789	2.907	PASS
2	3.0	18615	1880.0	16QAM	15@0	2.6819	2.889	PASS
2	3.0	18900	1880.0	QPSK	15@0	2.6775	2.904	PASS
2	3.0	18900	1880.0	16QAM	15@0	2.6771	2.890	PASS
2	3.0	19185	1908.5	QPSK	15@0	2.6830	2.893	PASS
2	3.0	19185	1908.5	16QAM	15@0	2.6839	2.886	PASS
2	5.0	18625	1852.5	QPSK	25@0	4.4549	4.874	PASS
2	5.0	18625	1852.5	16QAM	25@0	4.4571	4.845	PASS
2	5.0	18900	1880.0	QPSK	25@0	4.4620	4.887	PASS
2	5.0	18900	1880.0	16QAM	25@0	4.4510	4.853	PASS
2	5.0	19175	1907.5	QPSK	25@0	4.4599	4.815	PASS
2	5.0	19175	1907.5	16QAM	25@0	4.4555	4.882	PASS
2	10.0	18650	1855.0	QPSK	50@0	8.9184	9.782	PASS
2	10.0	18650	1855.0	16QAM	50@0	8.6314	9.231	PASS
2	10.0	18900	1880.0	QPSK	50@0	8.9359	9.810	PASS
2	10.0	18900	1880.0	16QAM	50@0	8.6936	9.259	PASS
2	10.0	19150	1905.0	QPSK	50@0	8.9387	9.729	PASS
2	10.0	19150	1905.0	16QAM	50@0	8.6916	9.279	PASS
2	15.0	18675	1857.5	QPSK	75@0	13.441	14.72	PASS
2	15.0	18675	1857.5	16QAM	75@0	13.139	13.97	PASS
2	15.0	18900	1880.0	QPSK	75@0	13.398	14.40	PASS
2	15.0	18900	1880.0	16QAM	75@0	13.111	14.01	PASS
2	15.0	19125	1902.5	QPSK	75@0	13.419	14.78	PASS
2	15.0	19125	1902.5	16QAM	75@0	13.132	13.83	PASS
2	20.0	18700	1860.0	QPSK	100@0	17.885	19.10	PASS
2	20.0	18700	1860.0	16QAM	100@0	17.244	18.29	PASS
2	20.0	18900	1880.0	QPSK	100@0	17.737	18.98	PASS
2	20.0	18900	1880.0	16QAM	100@0	17.313	18.33	PASS

2	20.0	19100	1900.0	QPSK	100@0	17.855	18.83	PASS
2	20.0	19100	1900.0	16QAM	100@0	17.127	18.27	PASS
4	1.4	19957	1710.7	QPSK	6@0	1.0817	1.242	PASS
4	1.4	19957	1710.7	16QAM	6@0	1.0813	1.277	PASS
4	1.4	20175	1732.5	QPSK	6@0	1.0779	1.240	PASS
4	1.4	20175	1732.5	16QAM	6@0	1.0812	1.240	PASS
4	1.4	20393	1754.3	QPSK	6@0	1.0831	1.250	PASS
4	1.4	20393	1754.3	16QAM	6@0	1.0838	1.270	PASS
4	3.0	19965	1711.5	QPSK	15@0	2.6835	2.904	PASS
4	3.0	19965	1711.5	16QAM	15@0	2.6849	2.882	PASS
4	3.0	20175	1732.5	QPSK	15@0	2.6797	2.911	PASS
4	3.0	20175	1732.5	16QAM	15@0	2.6913	2.911	PASS
4	3.0	20385	1753.5	QPSK	15@0	2.6854	2.899	PASS
4	3.0	20385	1753.5	16QAM	15@0	2.6836	2.896	PASS
4	5.0	19975	1712.5	QPSK	25@0	4.4559	4.846	PASS
4	5.0	19975	1712.5	16QAM	25@0	4.4535	4.917	PASS
4	5.0	20175	1732.5	QPSK	25@0	4.4561	4.906	PASS
4	5.0	20175	1732.5	16QAM	25@0	4.4598	4.854	PASS
4	5.0	20375	1752.5	QPSK	25@0	4.4628	4.862	PASS
4	5.0	20375	1752.5	16QAM	25@0	4.4591	4.883	PASS
4	10.0	20000	1715.0	QPSK	50@0	8.9321	9.822	PASS
4	10.0	20000	1715.0	16QAM	50@0	8.6903	9.231	PASS
4	10.0	20175	1732.5	QPSK	50@0	8.9407	9.760	PASS
4	10.0	20175	1732.5	16QAM	50@0	8.6933	9.263	PASS
4	10.0	20350	1750.0	QPSK	50@0	8.9323	9.673	PASS
4	10.0	20350	1750.0	16QAM	50@0	8.7032	9.235	PASS
4	15.0	20025	1717.5	QPSK	75@0	13.445	14.80	PASS
4	15.0	20025	1717.5	16QAM	75@0	13.065	13.72	PASS
4	15.0	20175	1732.5	QPSK	75@0	13.427	14.70	PASS
4	15.0	20175	1732.5	16QAM	75@0	13.147	13.88	PASS
4	15.0	20325	1732.5	QPSK	75@0	13.428	14.61	PASS
4	15.0	20325	1747.5	16QAM	75@0	13.068	13.82	PASS
4	20.0	20050	1720.0	QPSK	100@0	17.853	19.37	PASS
4	20.0	20050	1732.5	16QAM	100@0	17.253	18.19	PASS
4	20.0	20175	1732.5	QPSK	100@0	17.867	19.33	PASS
4	20.0	20175	1732.5	16QAM	100@0	17.150	18.04	PASS
4	20.0	20300	1745.0	QPSK	100@0	17.803	19.06	PASS

4	20.0	20300	1745.0	16QAM	100@0	17.270	18.33	PASS
5	1.4	20407	824.7	QPSK	6@0	1.0851	1.275	PASS
5	1.4	20407	824.7	16QAM	6@0	1.0819	1.273	PASS
5	1.4	20525	836.5	QPSK	6@0	1.0794	1.260	PASS
5	1.4	20525	836.5	16QAM	6@0	1.0835	1.247	PASS
5	1.4	20643	848.3	QPSK	6@0	1.0797	1.246	PASS
5	1.4	20643	848.3	16QAM	6@0	1.0796	1.231	PASS
5	3.0	20415	825.5	QPSK	15@0	2.6872	2.891	PASS
5	3.0	20415	825.5	16QAM	15@0	2.6739	2.890	PASS
5	3.0	20525	836.5	QPSK	15@0	2.6835	2.899	PASS
5	3.0	20525	836.5	16QAM	15@0	2.6840	2.948	PASS
5	3.0	20635	847.5	QPSK	15@0	2.6807	2.883	PASS
5	3.0	20635	847.5	16QAM	15@0	2.6789	2.906	PASS
5	5.0	20425	826.5	QPSK	25@0	4.4712	4.896	PASS
5	5.0	20425	826.5	16QAM	25@0	4.4562	4.842	PASS
5	5.0	20525	836.5	QPSK	25@0	4.4600	4.864	PASS
5	5.0	20525	836.5	16QAM	25@0	4.4539	4.828	PASS
5	5.0	20625	846.5	QPSK	25@0	4.4490	4.834	PASS
5	5.0	20625	846.5	16QAM	25@0	4.4526	4.871	PASS
5	10.0	20450	829.0	QPSK	50@0	8.9165	9.760	PASS
5	10.0	20450	829.0	16QAM	50@0	8.6978	9.152	PASS
5	10.0	20525	836.5	QPSK	50@0	8.9376	9.706	PASS
5	10.0	20525	836.5	16QAM	50@0	8.7151	9.280	PASS
5	10.0	20600	844.0	QPSK	50@0	8.9232	9.700	PASS
5	10.0	20600	844.0	16QAM	50@0	8.6314	9.200	PASS
12	1.4	23017	699.7	QPSK	6@0	1.0819	1.262	PASS
12	1.4	23017	699.7	16QAM	6@0	1.0817	1.282	PASS
12	1.4	23095	707.5	QPSK	6@0	1.0822	1.242	PASS
12	1.4	23095	707.5	16QAM	6@0	1.0797	1.263	PASS
12	1.4	23173	715.3	QPSK	6@0	1.0832	1.244	PASS
12	1.4	23173	715.3	16QAM	6@0	1.0798	1.261	PASS
12	3.0	23025	700.5	QPSK	15@0	2.6789	2.899	PASS
12	3.0	23025	700.5	16QAM	15@0	2.6831	2.868	PASS
12	3.0	23095	707.5	QPSK	15@0	2.6785	2.912	PASS
12	3.0	23095	707.5	16QAM	15@0	2.6857	2.904	PASS
12	3.0	23165	714.5	QPSK	15@0	2.6815	2.888	PASS
12	3.0	23165	714.5	16QAM	15@0	2.6778	2.904	PASS

12	5.0	23035	701.5	QPSK	25@0	4.4557	4.848	PASS
12	5.0	23035	701.5	16QAM	25@0	4.4646	4.885	PASS
12	5.0	23095	707.5	QPSK	25@0	4.4572	4.924	PASS
12	5.0	23095	707.5	16QAM	25@0	4.4550	4.859	PASS
12	5.0	23155	713.5	QPSK	25@0	4.4644	4.894	PASS
12	5.0	23155	713.5	16QAM	25@0	4.4625	4.844	PASS
12	10.0	23060	704.0	QPSK	50@0	8.9375	9.748	PASS
12	10.0	23060	704.0	16QAM	50@0	8.6468	9.255	PASS
12	10.0	23095	707.5	QPSK	50@0	8.9208	9.818	PASS
12	10.0	23095	707.5	16QAM	50@0	8.6782	9.325	PASS
12	10.0	23130	711.0	QPSK	50@0	8.9363	9.771	PASS
12	10.0	23130	711.0	16QAM	50@0	8.6602	9.230	PASS
13	5.0	23205	779.5	QPSK	25@0	4.4659	4.824	PASS
13	5.0	23205	779.5	16QAM	25@0	4.4699	4.857	PASS
13	5.0	23230	782.0	QPSK	25@0	4.4476	4.889	PASS
13	5.0	23230	782.0	16QAM	25@0	4.4515	4.896	PASS
13	5.0	23255	784.5	QPSK	25@0	4.4719	4.914	PASS
13	5.0	23255	784.5	16QAM	25@0	4.4480	4.847	PASS
13	10.0	23230	782.0	QPSK	50@0	8.9449	9.737	PASS
13	10.0	23230	782.0	16QAM	50@0	8.6711	9.324	PASS
13	10.0	23230	782.0	QPSK	50@0	8.9425	9.780	PASS
13	10.0	23230	782.0	16QAM	50@0	8.6486	9.288	PASS
13	10.0	23230	782.0	QPSK	50@0	8.9443	9.723	PASS
13	10.0	23230	782.0	16QAM	50@0	8.6841	9.243	PASS
66	1.4	131979	1710.7	QPSK	6@0	1.0803	1.273	PASS
66	1.4	131979	1710.7	16QAM	6@0	1.0809	1.257	PASS
66	1.4	132322	1745.0	QPSK	6@0	1.0815	1.250	PASS
66	1.4	132322	1745.0	16QAM	6@0	1.0805	1.267	PASS
66	1.4	132665	1779.3	QPSK	6@0	1.0819	1.240	PASS
66	1.4	132665	1779.3	16QAM	6@0	1.0832	1.257	PASS
66	3.0	131987	1711.5	QPSK	15@0	2.6839	2.915	PASS
66	3.0	131987	1711.5	16QAM	15@0	2.6799	2.885	PASS
66	3.0	132322	1745.0	QPSK	15@0	2.6882	2.935	PASS
66	3.0	132322	1745.0	16QAM	15@0	2.6847	2.966	PASS
66	3.0	132657	1778.5	QPSK	15@0	2.6809	2.880	PASS
66	3.0	132657	1778.5	16QAM	15@0	2.6794	2.930	PASS
66	5.0	131997	1712.5	QPSK	25@0	4.4518	4.902	PASS