

Appendix - LTE

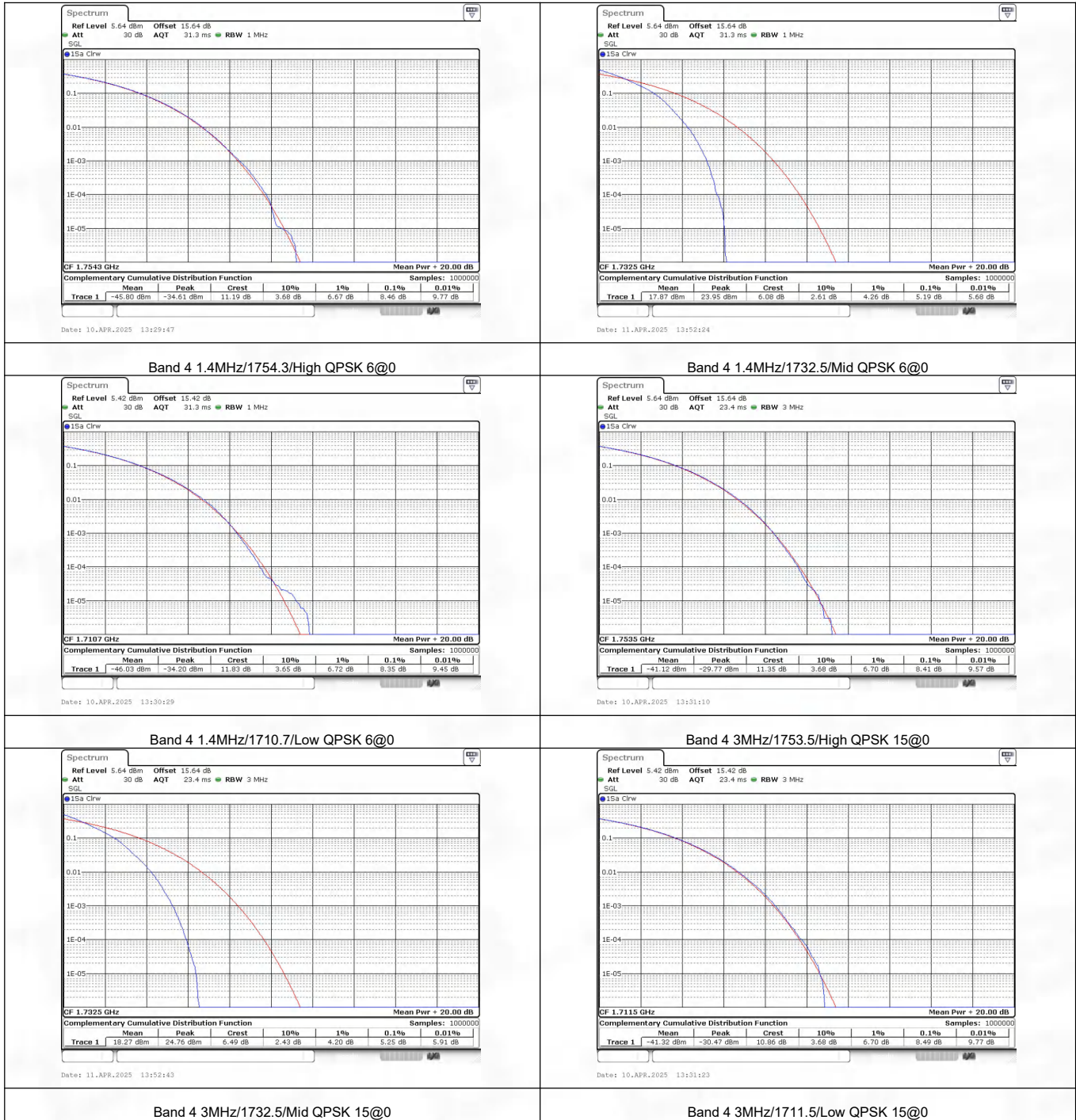
1. Transmitter Conducted Output Power And ERP/EIRP

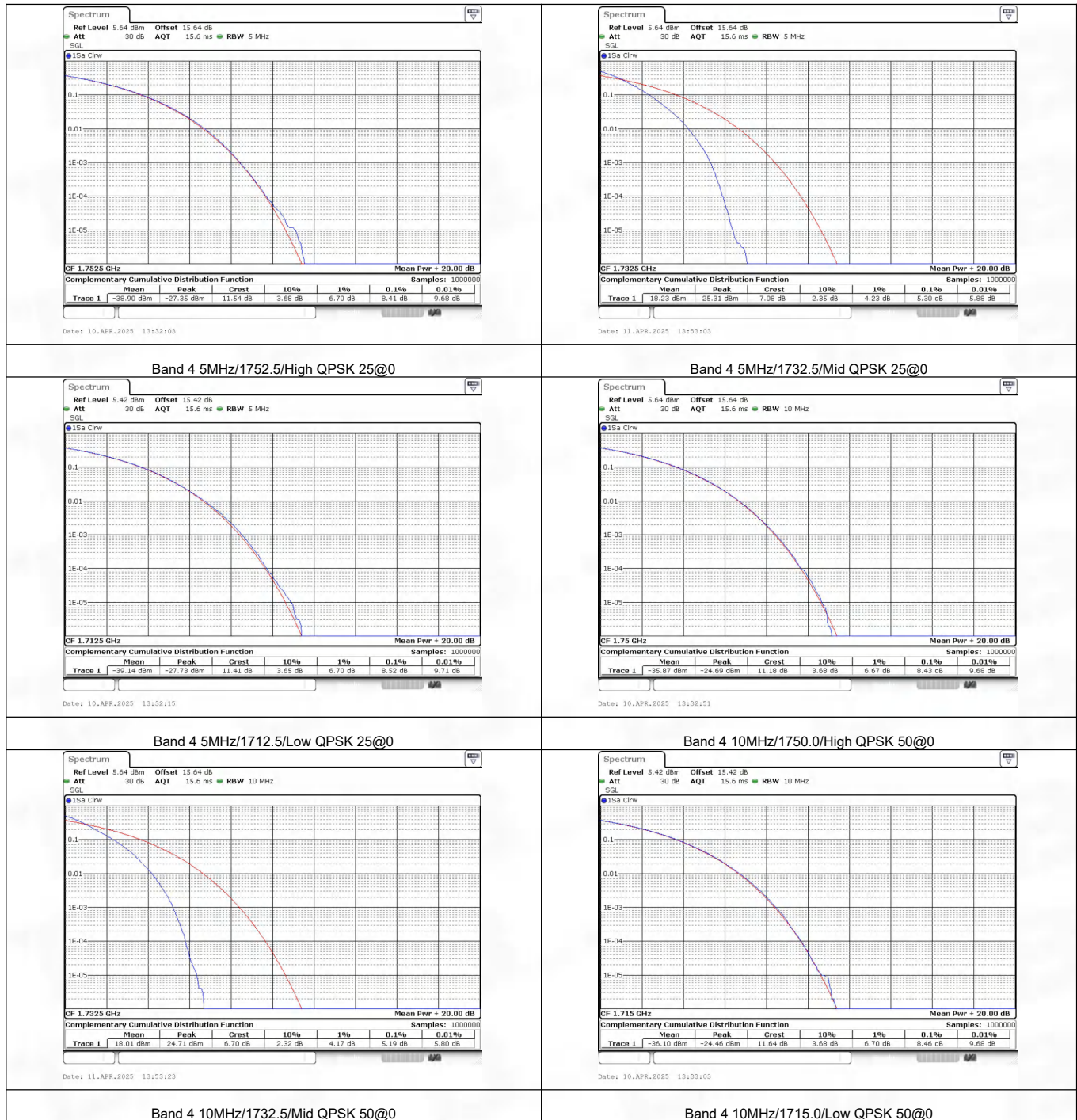
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP(Limit) (dBm)	Verdict
4	1.4	20393	1754.3	QPSK	1@0	22.41	19.29	38.45	PASS
4	1.4	20393	1754.3	QPSK	1@2	22.22	19.1	38.45	PASS
4	1.4	20393	1754.3	QPSK	1@5	22.18	19.06	38.45	PASS
4	1.4	20393	1754.3	QPSK	3@0	22.16	19.04	38.45	PASS
4	1.4	20393	1754.3	QPSK	3@1	22.1	18.98	38.45	PASS
4	1.4	20393	1754.3	QPSK	3@2	22.02	18.9	38.45	PASS
4	1.4	20393	1754.3	QPSK	6@0	21.05	17.93	38.45	PASS
4	1.4	20175	1732.5	QPSK	1@0	22.91	19.79	38.45	PASS
4	1.4	20175	1732.5	QPSK	1@2	22.74	19.62	38.45	PASS
4	1.4	20175	1732.5	QPSK	1@5	22.81	19.69	38.45	PASS
4	1.4	20175	1732.5	QPSK	3@0	22.76	19.64	38.45	PASS
4	1.4	20175	1732.5	QPSK	3@1	22.71	19.59	38.45	PASS
4	1.4	20175	1732.5	QPSK	3@2	22.76	19.64	38.45	PASS
4	1.4	20175	1732.5	QPSK	6@0	21.84	18.72	38.45	PASS
4	1.4	19957	1710.7	QPSK	1@0	22.58	19.46	38.45	PASS
4	1.4	19957	1710.7	QPSK	1@2	22.65	19.53	38.45	PASS
4	1.4	19957	1710.7	QPSK	1@5	22.51	19.39	38.45	PASS
4	1.4	19957	1710.7	QPSK	3@0	22.57	19.45	38.45	PASS
4	1.4	19957	1710.7	QPSK	3@1	22.53	19.41	38.45	PASS
4	1.4	19957	1710.7	QPSK	3@2	22.51	19.39	38.45	PASS
4	1.4	19957	1710.7	QPSK	6@0	21.53	18.41	38.45	PASS
4	3.0	20385	1753.5	QPSK	1@0	22.71	19.59	38.45	PASS
4	3.0	20385	1753.5	QPSK	1@7	22.47	19.35	38.45	PASS
4	3.0	20385	1753.5	QPSK	1@14	22.27	19.15	38.45	PASS
4	3.0	20385	1753.5	QPSK	8@0	21.4	18.28	38.45	PASS
4	3.0	20385	1753.5	QPSK	8@4	21.37	18.25	38.45	PASS
4	3.0	20385	1753.5	QPSK	8@7	21.3	18.18	38.45	PASS
4	3.0	20385	1753.5	QPSK	15@0	21.25	18.13	38.45	PASS
4	3.0	20175	1732.5	QPSK	1@0	22.67	19.55	38.45	PASS
4	3.0	20175	1732.5	QPSK	1@7	22.83	19.71	38.45	PASS
4	3.0	20175	1732.5	QPSK	1@14	22.68	19.56	38.45	PASS
4	3.0	20175	1732.5	QPSK	8@0	21.74	18.62	38.45	PASS
4	3.0	20175	1732.5	QPSK	8@4	21.75	18.63	38.45	PASS
4	3.0	20175	1732.5	QPSK	8@7	21.79	18.67	38.45	PASS
4	3.0	20175	1732.5	QPSK	15@0	21.73	18.61	38.45	PASS
4	3.0	19965	1711.5	QPSK	1@0	22.72	19.6	38.45	PASS
4	3.0	19965	1711.5	QPSK	1@7	22.75	19.63	38.45	PASS
4	3.0	19965	1711.5	QPSK	1@14	22.66	19.54	38.45	PASS
4	3.0	19965	1711.5	QPSK	8@0	21.72	18.6	38.45	PASS
4	3.0	19965	1711.5	QPSK	8@4	21.71	18.59	38.45	PASS
4	3.0	19965	1711.5	QPSK	8@7	21.7	18.58	38.45	PASS
4	3.0	19965	1711.5	QPSK	15@0	21.69	18.57	38.45	PASS
4	5.0	20375	1752.5	QPSK	1@0	23.03	19.91	38.45	PASS
4	5.0	20375	1752.5	QPSK	1@12	22.64	19.52	38.45	PASS
4	5.0	20375	1752.5	QPSK	1@24	22.51	19.39	38.45	PASS
4	5.0	20375	1752.5	QPSK	12@0	21.45	18.33	38.45	PASS
4	5.0	20375	1752.5	QPSK	12@6	21.48	18.36	38.45	PASS
4	5.0	20375	1752.5	QPSK	12@11	21.39	18.27	38.45	PASS
4	5.0	20375	1752.5	QPSK	25@0	21.29	18.17	38.45	PASS
4	5.0	20175	1732.5	QPSK	1@0	22.75	19.63	38.45	PASS
4	5.0	20175	1732.5	QPSK	1@12	22.79	19.67	38.45	PASS
4	5.0	20175	1732.5	QPSK	1@24	22.79	19.67	38.45	PASS
4	5.0	20175	1732.5	QPSK	12@0	21.61	18.49	38.45	PASS
4	5.0	20175	1732.5	QPSK	12@6	21.7	18.58	38.45	PASS
4	5.0	20175	1732.5	QPSK	12@11	21.69	18.57	38.45	PASS
4	5.0	20175	1732.5	QPSK	25@0	21.74	18.62	38.45	PASS
4	5.0	19975	1712.5	QPSK	1@0	22.96	19.84	38.45	PASS
4	5.0	19975	1712.5	QPSK	1@12	22.93	19.81	38.45	PASS
4	5.0	19975	1712.5	QPSK	1@24	22.91	19.79	38.45	PASS
4	5.0	19975	1712.5	QPSK	12@0	21.73	18.61	38.45	PASS
4	5.0	19975	1712.5	QPSK	12@6	21.72	18.6	38.45	PASS
4	5.0	19975	1712.5	QPSK	12@11	21.69	18.57	38.45	PASS
4	5.0	19975	1712.5	QPSK	25@0	21.68	18.56	38.45	PASS
4	10.0	20350	1750.0	QPSK	1@0	23.11	19.99	38.45	PASS
4	10.0	20350	1750.0	QPSK	1@24	22.94	19.82	38.45	PASS
4	10.0	20350	1750.0	QPSK	1@49	22.53	19.41	38.45	PASS
4	10.0	20350	1750.0	QPSK	25@0	21.55	18.43	38.45	PASS
4	10.0	20350	1750.0	QPSK	25@12	21.62	18.5	38.45	PASS
4	10.0	20350	1750.0	QPSK	25@24	21.55	18.43	38.45	PASS
4	10.0	20350	1750.0	QPSK	50@0	21.77	18.65	38.45	PASS
4	10.0	20175	1732.5	QPSK	1@0	22.77	19.65	38.45	PASS
4	10.0	20175	1732.5	QPSK	1@24	22.7	19.58	38.45	PASS
4	10.0	20175	1732.5	QPSK	1@49	22.67	19.55	38.45	PASS

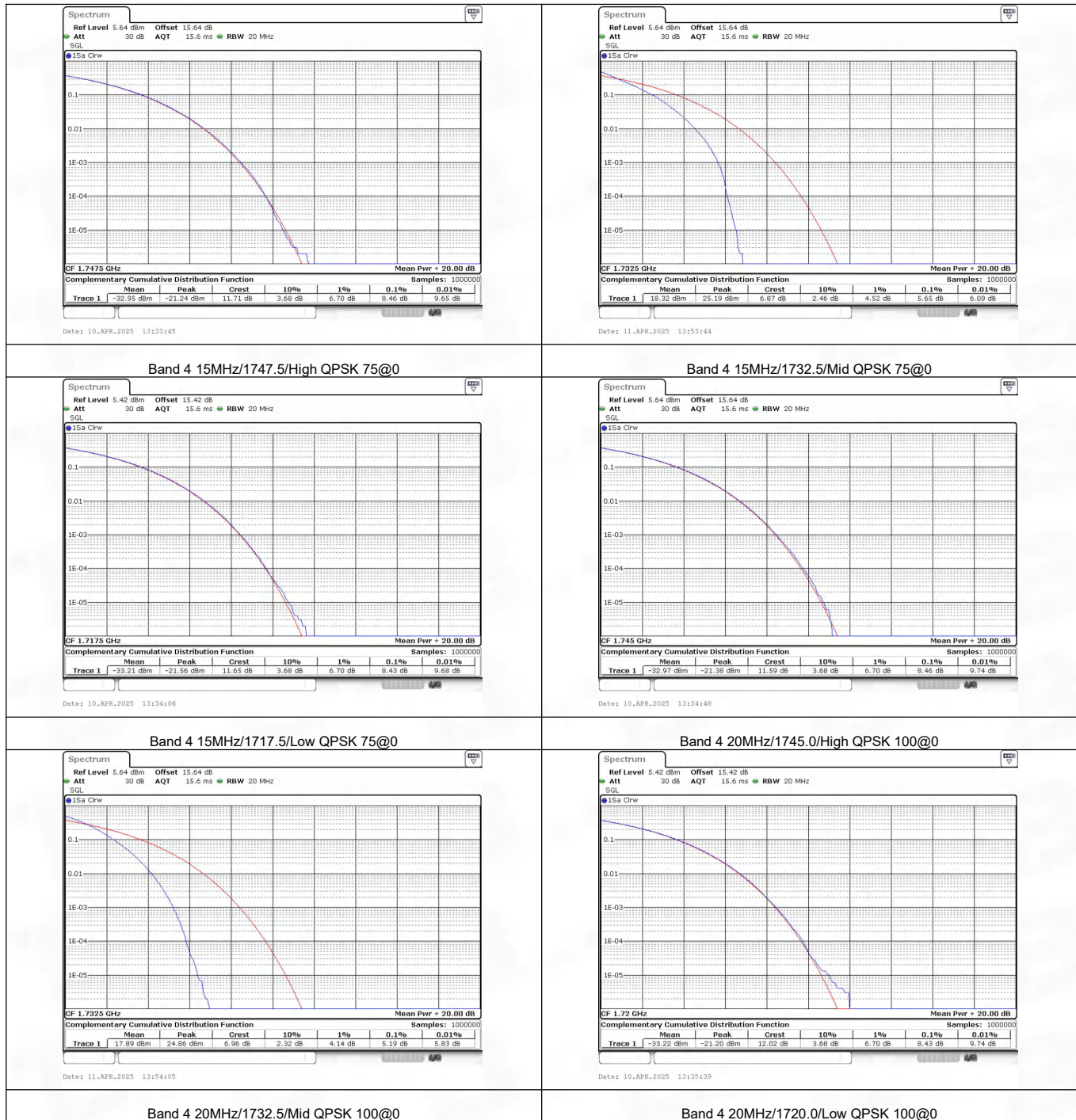
4	10.0	20175	1732.5	QPSK	25@0	21.5	18.38	38.45	PASS
4	10.0	20175	1732.5	QPSK	25@12	21.49	18.37	38.45	PASS
4	10.0	20175	1732.5	QPSK	25@24	21.48	18.36	38.45	PASS
4	10.0	20175	1732.5	QPSK	50@0	21.52	18.4	38.45	PASS
4	10.0	20000	1715.0	QPSK	1@0	23.07	19.95	38.45	PASS
4	10.0	20000	1715.0	QPSK	1@24	22.91	19.79	38.45	PASS
4	10.0	20000	1715.0	QPSK	1@49	22.98	19.86	38.45	PASS
4	10.0	20000	1715.0	QPSK	25@0	21.77	18.65	38.45	PASS
4	10.0	20000	1715.0	QPSK	25@12	21.83	18.71	38.45	PASS
4	10.0	20000	1715.0	QPSK	25@24	21.81	18.69	38.45	PASS
4	10.0	20000	1715.0	QPSK	50@0	21.82	18.7	38.45	PASS
4	15.0	20325	1747.5	QPSK	1@0	23.06	19.94	38.45	PASS
4	15.0	20325	1747.5	QPSK	1@37	22.89	19.77	38.45	PASS
4	15.0	20325	1747.5	QPSK	1@74	22.68	19.56	38.45	PASS
4	15.0	20325	1747.5	QPSK	36@0	21.71	18.59	38.45	PASS
4	15.0	20325	1747.5	QPSK	36@16	21.73	18.61	38.45	PASS
4	15.0	20325	1747.5	QPSK	36@35	21.7	18.58	38.45	PASS
4	15.0	20325	1747.5	QPSK	75@0	21.76	18.64	38.45	PASS
4	15.0	20175	1732.5	QPSK	1@0	22.93	19.81	38.45	PASS
4	15.0	20175	1732.5	QPSK	1@37	22.73	19.61	38.45	PASS
4	15.0	20175	1732.5	QPSK	1@74	22.78	19.66	38.45	PASS
4	15.0	20175	1732.5	QPSK	36@0	21.59	18.47	38.45	PASS
4	15.0	20175	1732.5	QPSK	36@16	21.63	18.51	38.45	PASS
4	15.0	20175	1732.5	QPSK	36@35	21.61	18.49	38.45	PASS
4	15.0	20175	1732.5	QPSK	75@0	21.63	18.51	38.45	PASS
4	15.0	20025	1717.5	QPSK	1@0	22.98	19.86	38.45	PASS
4	15.0	20025	1717.5	QPSK	1@37	22.89	19.77	38.45	PASS
4	15.0	20025	1717.5	QPSK	1@74	22.66	19.54	38.45	PASS
4	15.0	20025	1717.5	QPSK	36@0	21.91	18.79	38.45	PASS
4	15.0	20025	1717.5	QPSK	36@16	21.94	18.82	38.45	PASS
4	15.0	20025	1717.5	QPSK	36@35	21.94	18.82	38.45	PASS
4	15.0	20025	1717.5	QPSK	75@0	21.85	18.73	38.45	PASS
4	20.0	20300	1745.0	QPSK	1@0	22.94	19.82	38.45	PASS
4	20.0	20300	1745.0	QPSK	1@49	22.95	19.83	38.45	PASS
4	20.0	20300	1745.0	QPSK	1@99	22.65	19.53	38.45	PASS
4	20.0	20300	1745.0	QPSK	50@0	21.41	18.29	38.45	PASS
4	20.0	20300	1745.0	QPSK	50@24	21.48	18.36	38.45	PASS
4	20.0	20300	1745.0	QPSK	50@49	21.44	18.32	38.45	PASS
4	20.0	20300	1745.0	QPSK	100@0	21.6	18.48	38.45	PASS
4	20.0	20175	1732.5	QPSK	1@0	23.47	20.35	38.45	PASS
4	20.0	20175	1732.5	QPSK	1@49	23.24	20.12	38.45	PASS
4	20.0	20175	1732.5	QPSK	1@99	23.02	19.9	38.45	PASS
4	20.0	20175	1732.5	QPSK	50@0	21.58	18.46	38.45	PASS
4	20.0	20175	1732.5	QPSK	50@24	21.62	18.5	38.45	PASS
4	20.0	20175	1732.5	QPSK	50@49	21.58	18.46	38.45	PASS
4	20.0	20175	1732.5	QPSK	100@0	21.55	18.43	38.45	PASS
4	20.0	20050	1720.0	QPSK	1@0	22.81	19.69	38.45	PASS
4	20.0	20050	1720.0	QPSK	1@49	22.75	19.63	38.45	PASS
4	20.0	20050	1720.0	QPSK	1@99	22.36	19.24	38.45	PASS
4	20.0	20050	1720.0	QPSK	50@0	21.83	18.71	38.45	PASS
4	20.0	20050	1720.0	QPSK	50@24	21.78	18.66	38.45	PASS
4	20.0	20050	1720.0	QPSK	50@49	21.82	18.7	38.45	PASS
4	20.0	20050	1720.0	QPSK	100@0	21.66	18.54	38.45	PASS

2. Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
4	1.4	20393	1754.3	QPSK	6@0	8.46	13	PASS
4	1.4	20175	1732.5	QPSK	6@0	5.19	13	PASS
4	1.4	19957	1710.7	QPSK	6@0	8.35	13	PASS
4	3.0	20385	1753.5	QPSK	15@0	8.41	13	PASS
4	3.0	20175	1732.5	QPSK	15@0	5.25	13	PASS
4	3.0	19965	1711.5	QPSK	15@0	8.49	13	PASS
4	5.0	20375	1752.5	QPSK	25@0	8.41	13	PASS
4	5.0	20175	1732.5	QPSK	25@0	5.3	13	PASS
4	5.0	19975	1712.5	QPSK	25@0	8.52	13	PASS
4	10.0	20350	1750.0	QPSK	50@0	8.43	13	PASS
4	10.0	20175	1732.5	QPSK	50@0	5.19	13	PASS
4	10.0	20000	1715.0	QPSK	50@0	8.46	13	PASS
4	15.0	20325	1747.5	QPSK	75@0	8.46	13	PASS
4	15.0	20175	1732.5	QPSK	75@0	5.65	13	PASS
4	15.0	20025	1717.5	QPSK	75@0	8.43	13	PASS
4	20.0	20300	1745.0	QPSK	100@0	8.46	13	PASS
4	20.0	20175	1732.5	QPSK	100@0	5.19	13	PASS
4	20.0	20050	1720.0	QPSK	100@0	8.43	13	PASS







3.Frequency Stability

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
4	1.4	20393	1754.3	QPSK	6@0	-8.85	-0.00518	±2.5	PASS	Vibration
4	1.4	20393	1754.3	QPSK	6@0	-17.84	-0.01043	±2.5	PASS	Humidity
4	1.4	20393	1754.3	QPSK	6@0	-11.54	-0.00658	±2.5	PASS	VL
4	1.4	20393	1754.3	QPSK	6@0	-27.02	-0.0154	±2.5	PASS	VN
4	1.4	20393	1754.3	QPSK	6@0	-10.94	-0.00624	±2.5	PASS	VH
4	1.4	20393	1754.3	QPSK	6@0	-21.01	-0.01198	±2.5	PASS	-30℃
4	1.4	20393	1754.3	QPSK	6@0	-15.03	-0.00857	±2.5	PASS	-20℃
4	1.4	20393	1754.3	QPSK	6@0	-17.27	-0.00984	±2.5	PASS	-10℃
4	1.4	20393	1754.3	QPSK	6@0	-15.42	-0.00879	±2.5	PASS	0℃
4	1.4	20393	1754.3	QPSK	6@0	-21.77	-0.01241	±2.5	PASS	10℃
4	1.4	20393	1754.3	QPSK	6@0	-24.5	-0.01397	±2.5	PASS	20℃
4	1.4	20393	1754.3	QPSK	6@0	-7.12	-0.00406	±2.5	PASS	30℃
4	1.4	20393	1754.3	QPSK	6@0	-12.4	-0.00707	±2.5	PASS	40℃
4	1.4	20393	1754.3	QPSK	6@0	-8.24	-0.0047	±2.5	PASS	50℃
4	1.4	20175	1732.5	QPSK	6@0	-14.41	-0.00831	±2.5	PASS	Vibration
4	1.4	20175	1732.5	QPSK	6@0	-13.96	-0.00806	±2.5	PASS	Humidity
4	1.4	20175	1732.5	QPSK	6@0	-20.33	-0.01173	±2.5	PASS	VL
4	1.4	20175	1732.5	QPSK	6@0	10.56	0.00609	±2.5	PASS	VN
4	1.4	20175	1732.5	QPSK	6@0	-24.65	-0.01423	±2.5	PASS	VH
4	1.4	20175	1732.5	QPSK	6@0	-10.77	-0.00622	±2.5	PASS	-30℃
4	1.4	20175	1732.5	QPSK	6@0	-17.08	-0.00986	±2.5	PASS	-20℃
4	1.4	20175	1732.5	QPSK	6@0	-17.19	-0.00992	±2.5	PASS	-10℃
4	1.4	20175	1732.5	QPSK	6@0	-11.03	-0.00637	±2.5	PASS	0℃
4	1.4	20175	1732.5	QPSK	6@0	-17.58	-0.01015	±2.5	PASS	10℃
4	1.4	20175	1732.5	QPSK	6@0	-20.24	-0.01168	±2.5	PASS	20℃
4	1.4	20175	1732.5	QPSK	6@0	-21.23	-0.01225	±2.5	PASS	30℃
4	1.4	20175	1732.5	QPSK	6@0	-21.31	-0.0123	±2.5	PASS	40℃
4	1.4	20175	1732.5	QPSK	6@0	-11.49	-0.00663	±2.5	PASS	50℃
4	1.4	19957	1710.7	QPSK	6@0	-22.6	-0.01288	±2.5	PASS	Vibration
4	1.4	19957	1710.7	QPSK	6@0	17.45	0.00995	±2.5	PASS	Humidity
4	1.4	19957	1710.7	QPSK	6@0	-18.37	-0.01074	±2.5	PASS	VL
4	1.4	19957	1710.7	QPSK	6@0	-20.0	-0.01169	±2.5	PASS	VN
4	1.4	19957	1710.7	QPSK	6@0	20.14	0.01177	±2.5	PASS	VH
4	1.4	19957	1710.7	QPSK	6@0	-18.22	-0.01065	±2.5	PASS	-30℃
4	1.4	19957	1710.7	QPSK	6@0	6.69	0.00391	±2.5	PASS	-20℃
4	1.4	19957	1710.7	QPSK	6@0	3.78	0.00221	±2.5	PASS	-10℃
4	1.4	19957	1710.7	QPSK	6@0	-14.32	-0.00837	±2.5	PASS	0℃
4	1.4	19957	1710.7	QPSK	6@0	-15.09	-0.00882	±2.5	PASS	10℃
4	1.4	19957	1710.7	QPSK	6@0	-8.75	-0.00512	±2.5	PASS	20℃
4	1.4	19957	1710.7	QPSK	6@0	-15.69	-0.00917	±2.5	PASS	30℃
4	1.4	19957	1710.7	QPSK	6@0	-24.36	-0.01424	±2.5	PASS	40℃
4	1.4	19957	1710.7	QPSK	6@0	-2.39	-0.0014	±2.5	PASS	50℃
4	3.0	20385	1753.5	QPSK	15@0	-18.65	-0.01064	±2.5	PASS	VL
4	3.0	20385	1753.5	QPSK	15@0	-22.29	-0.01271	±2.5	PASS	VN
4	3.0	20385	1753.5	QPSK	15@0	-21.67	-0.01236	±2.5	PASS	VH
4	3.0	20385	1753.5	QPSK	15@0	-19.93	-0.01136	±2.5	PASS	-30℃
4	3.0	20385	1753.5	QPSK	15@0	-20.61	-0.01176	±2.5	PASS	-20℃
4	3.0	20385	1753.5	QPSK	15@0	-11.8	-0.00673	±2.5	PASS	-10℃
4	3.0	20385	1753.5	QPSK	15@0	-23.16	-0.01321	±2.5	PASS	0℃
4	3.0	20385	1753.5	QPSK	15@0	-11.99	-0.00684	±2.5	PASS	10℃
4	3.0	20385	1753.5	QPSK	15@0	-24.06	-0.01372	±2.5	PASS	20℃
4	3.0	20385	1753.5	QPSK	15@0	-11.83	-0.00675	±2.5	PASS	30℃
4	3.0	20385	1753.5	QPSK	15@0	-15.81	-0.00901	±2.5	PASS	40℃
4	3.0	20385	1753.5	QPSK	15@0	-18.57	-0.01059	±2.5	PASS	50℃
4	3.0	20175	1732.5	QPSK	15@0	18.02	0.01053	±2.5	PASS	Vibration
4	3.0	20175	1732.5	QPSK	15@0	15.42	0.00901	±2.5	PASS	Humidity
4	3.0	20175	1732.5	QPSK	15@0	-17.78	-0.01026	±2.5	PASS	VL
4	3.0	20175	1732.5	QPSK	15@0	13.1	0.00756	±2.5	PASS	VN
4	3.0	20175	1732.5	QPSK	15@0	1.8	0.00104	±2.5	PASS	VH
4	3.0	20175	1732.5	QPSK	15@0	-10.79	-0.00623	±2.5	PASS	-30℃
4	3.0	20175	1732.5	QPSK	15@0	-17.17	-0.00991	±2.5	PASS	-20℃
4	3.0	20175	1732.5	QPSK	15@0	-24.79	-0.01431	±2.5	PASS	-10℃
4	3.0	20175	1732.5	QPSK	15@0	-6.75	-0.0039	±2.5	PASS	0℃
4	3.0	20175	1732.5	QPSK	15@0	-15.22	-0.00879	±2.5	PASS	10℃
4	3.0	20175	1732.5	QPSK	15@0	-11.4	-0.00658	±2.5	PASS	20℃
4	3.0	20175	1732.5	QPSK	15@0	-10.63	-0.00613	±2.5	PASS	30℃
4	3.0	20175	1732.5	QPSK	15@0	-5.04	-0.00291	±2.5	PASS	40℃
4	3.0	20175	1732.5	QPSK	15@0	-6.81	-0.00393	±2.5	PASS	50℃
4	3.0	19965	1711.5	QPSK	15@0	8.97	0.00518	±2.5	PASS	Vibration
4	3.0	19965	1711.5	QPSK	15@0	8.67	0.005	±2.5	PASS	Humidity
4	3.0	19965	1711.5	QPSK	15@0	-26.22	-0.01532	±2.5	PASS	VL
4	3.0	19965	1711.5	QPSK	15@0	-3.36	-0.00196	±2.5	PASS	VN

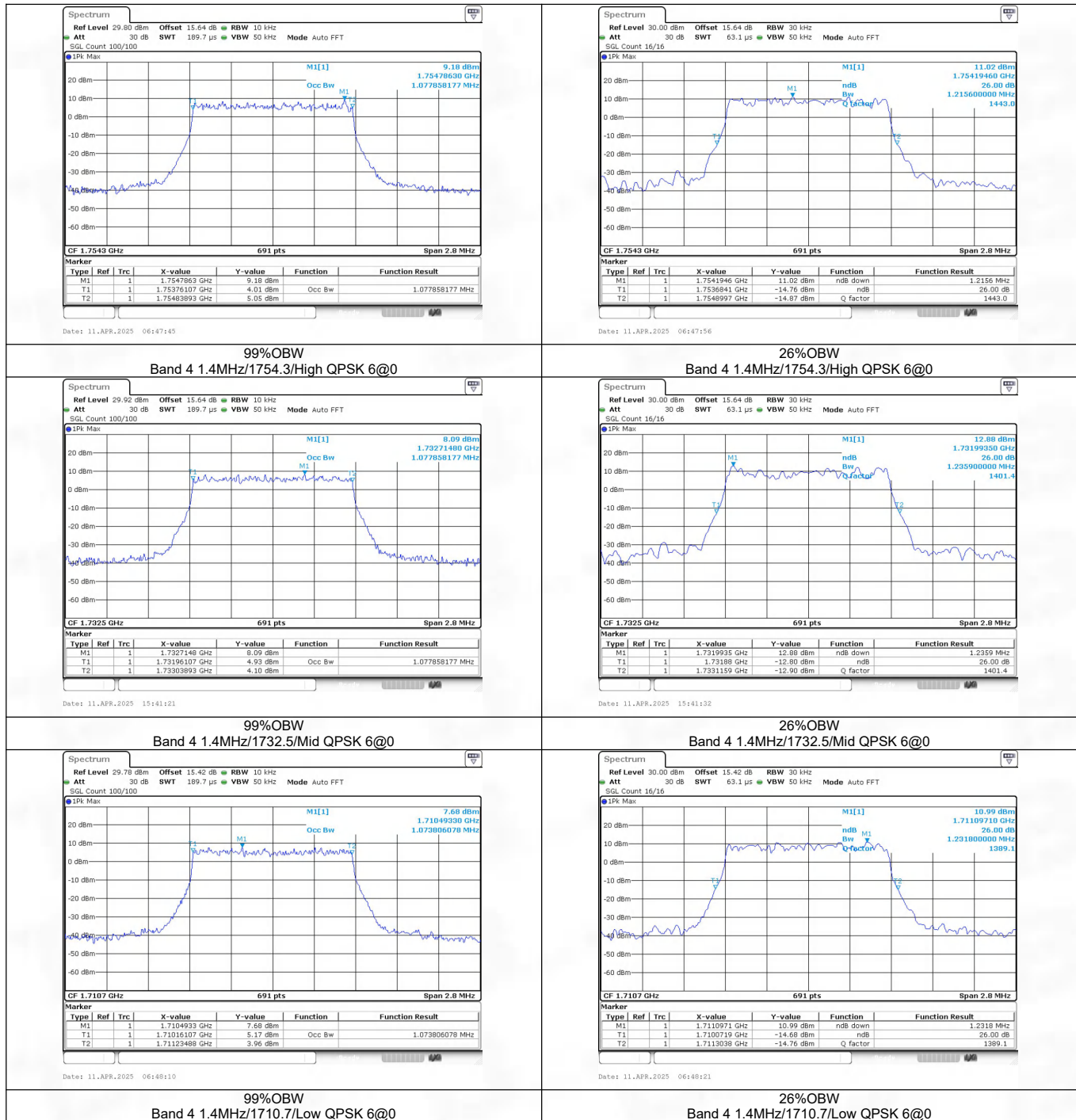
4	3.0	19965	1711.5	QPSK	15@0	8.97	0.00524	±2.5	PASS	VH
4	3.0	19965	1711.5	QPSK	15@0	11.53	0.00674	±2.5	PASS	-30℃
4	3.0	19965	1711.5	QPSK	15@0	-17.01	-0.00994	±2.5	PASS	-20℃
4	3.0	19965	1711.5	QPSK	15@0	-19.8	-0.01157	±2.5	PASS	-10℃
4	3.0	19965	1711.5	QPSK	15@0	4.22	0.00247	±2.5	PASS	0℃
4	3.0	19965	1711.5	QPSK	15@0	14.92	0.00872	±2.5	PASS	10℃
4	3.0	19965	1711.5	QPSK	15@0	-7.05	-0.00412	±2.5	PASS	20℃
4	3.0	19965	1711.5	QPSK	15@0	21.13	0.01235	±2.5	PASS	30℃
4	3.0	19965	1711.5	QPSK	15@0	17.09	0.00999	±2.5	PASS	40℃
4	3.0	19965	1711.5	QPSK	15@0	-20.87	-0.01219	±2.5	PASS	50℃
4	5.0	20375	1752.5	QPSK	25@0	4.48	0.00261	±2.5	PASS	Vibration
4	5.0	20375	1752.5	QPSK	25@0	7.17	0.00419	±2.5	PASS	Humidity
4	5.0	20375	1752.5	QPSK	25@0	-25.12	-0.01433	±2.5	PASS	VL
4	5.0	20375	1752.5	QPSK	25@0	-18.14	-0.01035	±2.5	PASS	VN
4	5.0	20375	1752.5	QPSK	25@0	-11.57	-0.0066	±2.5	PASS	VH
4	5.0	20375	1752.5	QPSK	25@0	-13.8	-0.00788	±2.5	PASS	-30℃
4	5.0	20375	1752.5	QPSK	25@0	-19.64	-0.01121	±2.5	PASS	-20℃
4	5.0	20375	1752.5	QPSK	25@0	-15.72	-0.00897	±2.5	PASS	-10℃
4	5.0	20375	1752.5	QPSK	25@0	-7.97	-0.00455	±2.5	PASS	0℃
4	5.0	20375	1752.5	QPSK	25@0	-14.16	-0.00808	±2.5	PASS	10℃
4	5.0	20375	1752.5	QPSK	25@0	-10.19	-0.00581	±2.5	PASS	20℃
4	5.0	20375	1752.5	QPSK	25@0	-12.02	-0.00686	±2.5	PASS	30℃
4	5.0	20375	1752.5	QPSK	25@0	-12.0	-0.00685	±2.5	PASS	40℃
4	5.0	20375	1752.5	QPSK	25@0	-13.48	-0.00769	±2.5	PASS	50℃
4	5.0	20175	1732.5	QPSK	25@0	19.6	0.01131	±2.5	PASS	Vibration
4	5.0	20175	1732.5	QPSK	25@0	15.12	0.00873	±2.5	PASS	Humidity
4	5.0	20175	1732.5	QPSK	25@0	-25.29	-0.0146	±2.5	PASS	VL
4	5.0	20175	1732.5	QPSK	25@0	18.25	0.01054	±2.5	PASS	VN
4	5.0	20175	1732.5	QPSK	25@0	4.41	0.00254	±2.5	PASS	VH
4	5.0	20175	1732.5	QPSK	25@0	-17.34	-0.01001	±2.5	PASS	-30℃
4	5.0	20175	1732.5	QPSK	25@0	-12.79	-0.00738	±2.5	PASS	-20℃
4	5.0	20175	1732.5	QPSK	25@0	-12.92	-0.00746	±2.5	PASS	-10℃
4	5.0	20175	1732.5	QPSK	25@0	-11.37	-0.00656	±2.5	PASS	0℃
4	5.0	20175	1732.5	QPSK	25@0	-19.27	-0.01112	±2.5	PASS	10℃
4	5.0	20175	1732.5	QPSK	25@0	-17.65	-0.01019	±2.5	PASS	20℃
4	5.0	20175	1732.5	QPSK	25@0	-7.02	-0.00405	±2.5	PASS	30℃
4	5.0	20175	1732.5	QPSK	25@0	-19.44	-0.01122	±2.5	PASS	40℃
4	5.0	20175	1732.5	QPSK	25@0	12.55	0.00724	±2.5	PASS	50℃
4	5.0	19975	1712.5	QPSK	25@0	13.99	0.00798	±2.5	PASS	Vibration
4	5.0	19975	1712.5	QPSK	25@0	16.15	0.00922	±2.5	PASS	Humidity
4	5.0	19975	1712.5	QPSK	25@0	-11.03	-0.00644	±2.5	PASS	VL
4	5.0	19975	1712.5	QPSK	25@0	4.88	0.00285	±2.5	PASS	VN
4	5.0	19975	1712.5	QPSK	25@0	8.28	0.00484	±2.5	PASS	VH
4	5.0	19975	1712.5	QPSK	25@0	-14.08	-0.00822	±2.5	PASS	-30℃
4	5.0	19975	1712.5	QPSK	25@0	-3.4	-0.00199	±2.5	PASS	-20℃
4	5.0	19975	1712.5	QPSK	25@0	9.67	0.00565	±2.5	PASS	-10℃
4	5.0	19975	1712.5	QPSK	25@0	10.49	0.00612	±2.5	PASS	0℃
4	5.0	19975	1712.5	QPSK	25@0	14.62	0.00854	±2.5	PASS	10℃
4	5.0	19975	1712.5	QPSK	25@0	-15.91	-0.00929	±2.5	PASS	20℃
4	5.0	19975	1712.5	QPSK	25@0	-11.1	-0.00648	±2.5	PASS	30℃
4	5.0	19975	1712.5	QPSK	25@0	-10.14	-0.00592	±2.5	PASS	40℃
4	5.0	19975	1712.5	QPSK	25@0	-7.82	-0.00457	±2.5	PASS	50℃
4	10.0	20350	1750.0	QPSK	50@0	11.92	0.00695	±2.5	PASS	Vibration
4	10.0	20350	1750.0	QPSK	50@0	14.39	0.00839	±2.5	PASS	Humidity
4	10.0	20350	1750.0	QPSK	50@0	-15.35	-0.00877	±2.5	PASS	VL
4	10.0	20350	1750.0	QPSK	50@0	-23.56	-0.01346	±2.5	PASS	VN
4	10.0	20350	1750.0	QPSK	50@0	-6.41	-0.00366	±2.5	PASS	VH
4	10.0	20350	1750.0	QPSK	50@0	-14.16	-0.00809	±2.5	PASS	-30℃
4	10.0	20350	1750.0	QPSK	50@0	-16.22	-0.00927	±2.5	PASS	-20℃
4	10.0	20350	1750.0	QPSK	50@0	-8.21	-0.00469	±2.5	PASS	-10℃
4	10.0	20350	1750.0	QPSK	50@0	-13.42	-0.00767	±2.5	PASS	0℃
4	10.0	20350	1750.0	QPSK	50@0	-11.99	-0.00685	±2.5	PASS	10℃
4	10.0	20350	1750.0	QPSK	50@0	-10.04	-0.00574	±2.5	PASS	20℃
4	10.0	20350	1750.0	QPSK	50@0	-13.56	-0.00775	±2.5	PASS	30℃
4	10.0	20350	1750.0	QPSK	50@0	-6.52	-0.00373	±2.5	PASS	40℃
4	10.0	20350	1750.0	QPSK	50@0	-16.08	-0.00919	±2.5	PASS	50℃
4	10.0	20175	1732.5	QPSK	50@0	15.99	0.00923	±2.5	PASS	Vibration
4	10.0	20175	1732.5	QPSK	50@0	15.26	0.00881	±2.5	PASS	Humidity
4	10.0	20175	1732.5	QPSK	50@0	-25.13	-0.01451	±2.5	PASS	VL
4	10.0	20175	1732.5	QPSK	50@0	12.99	0.0075	±2.5	PASS	VN
4	10.0	20175	1732.5	QPSK	50@0	3.09	0.00178	±2.5	PASS	VH
4	10.0	20175	1732.5	QPSK	50@0	-9.47	-0.00547	±2.5	PASS	-30℃
4	10.0	20175	1732.5	QPSK	50@0	-21.83	-0.0126	±2.5	PASS	-20℃
4	10.0	20175	1732.5	QPSK	50@0	-10.19	-0.00588	±2.5	PASS	-10℃
4	10.0	20175	1732.5	QPSK	50@0	-13.78	-0.00795	±2.5	PASS	0℃
4	10.0	20175	1732.5	QPSK	50@0	-5.38	-0.0031	±2.5	PASS	10℃

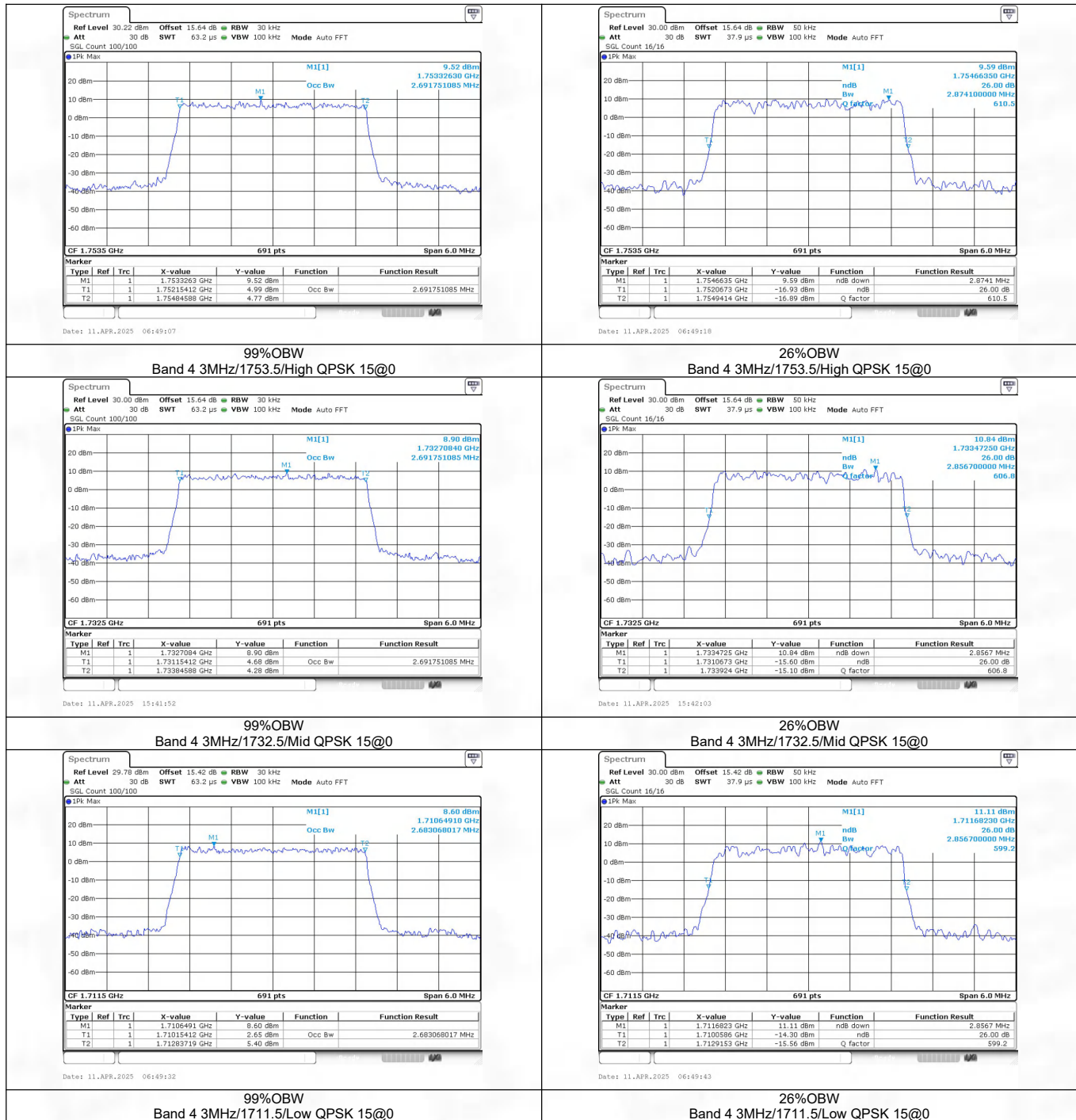
4	10.0	20175	1732.5	QPSK	50@0	-9.47	-0.00547	±2.5	PASS	20℃
4	10.0	20175	1732.5	QPSK	50@0	-22.16	-0.01279	±2.5	PASS	30℃
4	10.0	20175	1732.5	QPSK	50@0	-12.25	-0.00707	±2.5	PASS	40℃
4	10.0	20175	1732.5	QPSK	50@0	-8.65	-0.005	±2.5	PASS	50℃
4	10.0	20000	1715.0	QPSK	50@0	14.23	0.00813	±2.5	PASS	Vibration
4	10.0	20000	1715.0	QPSK	50@0	22.33	0.01276	±2.5	PASS	Humidity
4	10.0	20000	1715.0	QPSK	50@0	-24.6	-0.01435	±2.5	PASS	VL
4	10.0	20000	1715.0	QPSK	50@0	9.8	0.00571	±2.5	PASS	VN
4	10.0	20000	1715.0	QPSK	50@0	21.41	0.01249	±2.5	PASS	VH
4	10.0	20000	1715.0	QPSK	50@0	-23.49	-0.0137	±2.5	PASS	-30℃
4	10.0	20000	1715.0	QPSK	50@0	2.85	0.00166	±2.5	PASS	-20℃
4	10.0	20000	1715.0	QPSK	50@0	-12.93	-0.00754	±2.5	PASS	-10℃
4	10.0	20000	1715.0	QPSK	50@0	-11.82	-0.00689	±2.5	PASS	0℃
4	10.0	20000	1715.0	QPSK	50@0	-14.91	-0.00869	±2.5	PASS	10℃
4	10.0	20000	1715.0	QPSK	50@0	-7.11	-0.00415	±2.5	PASS	20℃
4	10.0	20000	1715.0	QPSK	50@0	-12.09	-0.00705	±2.5	PASS	30℃
4	10.0	20000	1715.0	QPSK	50@0	-11.62	-0.00677	±2.5	PASS	40℃
4	10.0	20000	1715.0	QPSK	50@0	11.13	0.00649	±2.5	PASS	50℃
4	15.0	20325	1747.5	QPSK	75@0	16.39	0.00955	±2.5	PASS	Vibration
4	15.0	20325	1747.5	QPSK	75@0	10.94	0.00637	±2.5	PASS	Humidity
4	15.0	20325	1747.5	QPSK	75@0	-17.44	-0.00998	±2.5	PASS	VL
4	15.0	20325	1747.5	QPSK	75@0	5.84	0.00334	±2.5	PASS	VN
4	15.0	20325	1747.5	QPSK	75@0	-14.91	-0.00853	±2.5	PASS	VH
4	15.0	20325	1747.5	QPSK	75@0	-21.92	-0.01254	±2.5	PASS	-30℃
4	15.0	20325	1747.5	QPSK	75@0	-13.42	-0.00768	±2.5	PASS	-20℃
4	15.0	20325	1747.5	QPSK	75@0	-18.7	-0.0107	±2.5	PASS	-10℃
4	15.0	20325	1747.5	QPSK	75@0	-11.39	-0.00652	±2.5	PASS	0℃
4	15.0	20325	1747.5	QPSK	75@0	-21.01	-0.01203	±2.5	PASS	10℃
4	15.0	20325	1747.5	QPSK	75@0	-21.41	-0.01225	±2.5	PASS	20℃
4	15.0	20325	1747.5	QPSK	75@0	-16.22	-0.00928	±2.5	PASS	30℃
4	15.0	20325	1747.5	QPSK	75@0	-19.58	-0.01121	±2.5	PASS	40℃
4	15.0	20325	1747.5	QPSK	75@0	-19.23	-0.011	±2.5	PASS	50℃
4	15.0	20175	1732.5	QPSK	75@0	-16.41	-0.00947	±2.5	PASS	Vibration
4	15.0	20175	1732.5	QPSK	75@0	21.5	0.01241	±2.5	PASS	Humidity
4	15.0	20175	1732.5	QPSK	75@0	-22.19	-0.01281	±2.5	PASS	VL
4	15.0	20175	1732.5	QPSK	75@0	21.79	0.01258	±2.5	PASS	VN
4	15.0	20175	1732.5	QPSK	75@0	7.9	0.00456	±2.5	PASS	VH
4	15.0	20175	1732.5	QPSK	75@0	-11.8	-0.00681	±2.5	PASS	-30℃
4	15.0	20175	1732.5	QPSK	75@0	-8.87	-0.00512	±2.5	PASS	-20℃
4	15.0	20175	1732.5	QPSK	75@0	-8.97	-0.00518	±2.5	PASS	-10℃
4	15.0	20175	1732.5	QPSK	75@0	-16.67	-0.00962	±2.5	PASS	0℃
4	15.0	20175	1732.5	QPSK	75@0	-16.29	-0.0094	±2.5	PASS	10℃
4	15.0	20175	1732.5	QPSK	75@0	-15.46	-0.00893	±2.5	PASS	20℃
4	15.0	20175	1732.5	QPSK	75@0	-13.68	-0.00789	±2.5	PASS	30℃
4	15.0	20175	1732.5	QPSK	75@0	-6.52	-0.00377	±2.5	PASS	40℃
4	15.0	20175	1732.5	QPSK	75@0	-20.96	-0.0121	±2.5	PASS	50℃
4	15.0	20025	1717.5	QPSK	75@0	16.39	0.00955	±2.5	PASS	Vibration
4	15.0	20025	1717.5	QPSK	75@0	10.94	0.00637	±2.5	PASS	Humidity
4	15.0	20025	1717.5	QPSK	75@0	-11.53	-0.00671	±2.5	PASS	VL
4	15.0	20025	1717.5	QPSK	75@0	-15.06	-0.00877	±2.5	PASS	VN
4	15.0	20025	1717.5	QPSK	75@0	-22.52	-0.01311	±2.5	PASS	VH
4	15.0	20025	1717.5	QPSK	75@0	-9.66	-0.00562	±2.5	PASS	-30℃
4	15.0	20025	1717.5	QPSK	75@0	-12.06	-0.00702	±2.5	PASS	-20℃
4	15.0	20025	1717.5	QPSK	75@0	-19.05	-0.01109	±2.5	PASS	-10℃
4	15.0	20025	1717.5	QPSK	75@0	-17.45	-0.01016	±2.5	PASS	0℃
4	15.0	20025	1717.5	QPSK	75@0	-9.51	-0.00554	±2.5	PASS	10℃
4	15.0	20025	1717.5	QPSK	75@0	-12.97	-0.00755	±2.5	PASS	20℃
4	15.0	20025	1717.5	QPSK	75@0	-13.75	-0.008	±2.5	PASS	30℃
4	15.0	20025	1717.5	QPSK	75@0	-15.15	-0.00882	±2.5	PASS	40℃
4	15.0	20025	1717.5	QPSK	75@0	-15.88	-0.00925	±2.5	PASS	50℃
4	20.0	20300	1745.0	QPSK	100@0	23.45	0.01363	±2.5	PASS	Vibration
4	20.0	20300	1745.0	QPSK	100@0	12.8	0.00744	±2.5	PASS	Humidity
4	20.0	20300	1745.0	QPSK	100@0	-10.87	-0.00623	±2.5	PASS	VL
4	20.0	20300	1745.0	QPSK	100@0	15.94	0.00913	±2.5	PASS	VN
4	20.0	20300	1745.0	QPSK	100@0	-7.94	-0.00455	±2.5	PASS	VH
4	20.0	20300	1745.0	QPSK	100@0	-15.65	-0.00897	±2.5	PASS	-30℃
4	20.0	20300	1745.0	QPSK	100@0	-10.67	-0.00612	±2.5	PASS	-20℃
4	20.0	20300	1745.0	QPSK	100@0	-15.22	-0.00872	±2.5	PASS	-10℃
4	20.0	20300	1745.0	QPSK	100@0	-12.62	-0.00723	±2.5	PASS	0℃
4	20.0	20300	1745.0	QPSK	100@0	-17.65	-0.01012	±2.5	PASS	10℃
4	20.0	20300	1745.0	QPSK	100@0	-17.34	-0.00994	±2.5	PASS	20℃
4	20.0	20300	1745.0	QPSK	100@0	-6.29	-0.00361	±2.5	PASS	30℃
4	20.0	20300	1745.0	QPSK	100@0	-11.42	-0.00654	±2.5	PASS	40℃
4	20.0	20300	1745.0	QPSK	100@0	-22.36	-0.01281	±2.5	PASS	50℃
4	20.0	20175	1732.5	QPSK	100@0	-23.66	-0.01366	±2.5	PASS	Vibration
4	20.0	20175	1732.5	QPSK	100@0	11.53	0.00666	±2.5	PASS	Humidity

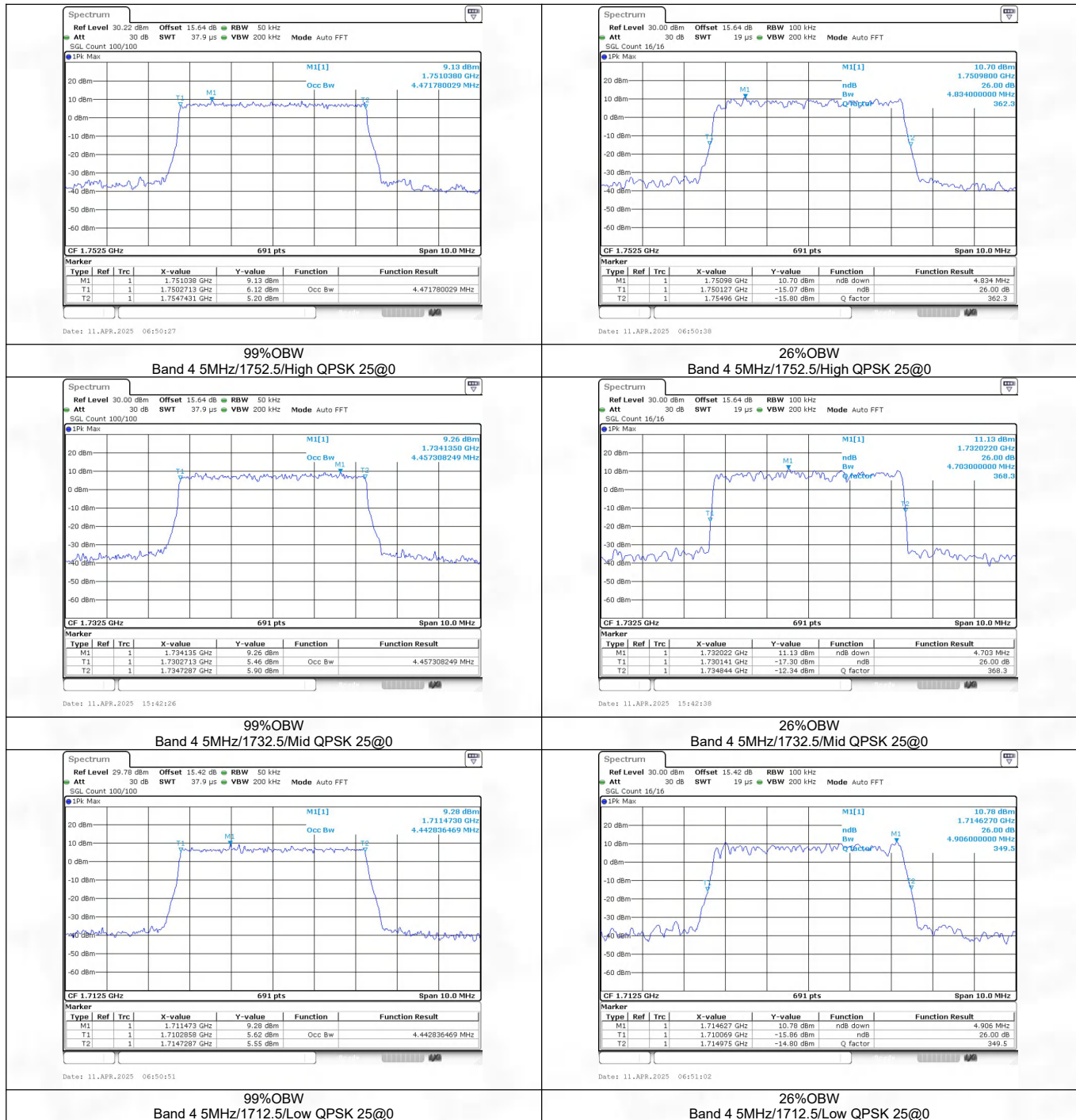
4	20.0	20175	1732.5	QPSK	100@0	-23.99	-0.01385	±2.5	PASS	VL
4	20.0	20175	1732.5	QPSK	100@0	8.7	0.00502	±2.5	PASS	VN
4	20.0	20175	1732.5	QPSK	100@0	11.01	0.00636	±2.5	PASS	VH
4	20.0	20175	1732.5	QPSK	100@0	-11.6	-0.0067	±2.5	PASS	-30℃
4	20.0	20175	1732.5	QPSK	100@0	-14.12	-0.00815	±2.5	PASS	-20℃
4	20.0	20175	1732.5	QPSK	100@0	-15.34	-0.00885	±2.5	PASS	-10℃
4	20.0	20175	1732.5	QPSK	100@0	-15.82	-0.00913	±2.5	PASS	0℃
4	20.0	20175	1732.5	QPSK	100@0	-18.6	-0.01073	±2.5	PASS	10℃
4	20.0	20175	1732.5	QPSK	100@0	-16.88	-0.00974	±2.5	PASS	20℃
4	20.0	20175	1732.5	QPSK	100@0	-14.12	-0.00815	±2.5	PASS	30℃
4	20.0	20175	1732.5	QPSK	100@0	-23.42	-0.01352	±2.5	PASS	40℃
4	20.0	20175	1732.5	QPSK	100@0	-6.74	-0.00389	±2.5	PASS	50℃
4	20.0	20050	1720.0	QPSK	100@0	-24.33	-0.01394	±2.5	PASS	Vibration
4	20.0	20050	1720.0	QPSK	100@0	8.4	0.00481	±2.5	PASS	Humidity
4	20.0	20050	1720.0	QPSK	100@0	-2.33	-0.00136	±2.5	PASS	VL
4	20.0	20050	1720.0	QPSK	100@0	10.4	0.00605	±2.5	PASS	VN
4	20.0	20050	1720.0	QPSK	100@0	-8.94	-0.0052	±2.5	PASS	VH
4	20.0	20050	1720.0	QPSK	100@0	-13.15	-0.00764	±2.5	PASS	-30℃
4	20.0	20050	1720.0	QPSK	100@0	-14.31	-0.00832	±2.5	PASS	-20℃
4	20.0	20050	1720.0	QPSK	100@0	-8.68	-0.00505	±2.5	PASS	-10℃
4	20.0	20050	1720.0	QPSK	100@0	-11.17	-0.0065	±2.5	PASS	0℃
4	20.0	20050	1720.0	QPSK	100@0	-20.57	-0.01196	±2.5	PASS	10℃
4	20.0	20050	1720.0	QPSK	100@0	-13.28	-0.00772	±2.5	PASS	20℃
4	20.0	20050	1720.0	QPSK	100@0	-14.91	-0.00867	±2.5	PASS	30℃
4	20.0	20050	1720.0	QPSK	100@0	-23.45	-0.01363	±2.5	PASS	40℃
4	20.0	20050	1720.0	QPSK	100@0	-13.25	-0.0077	±2.5	PASS	50℃

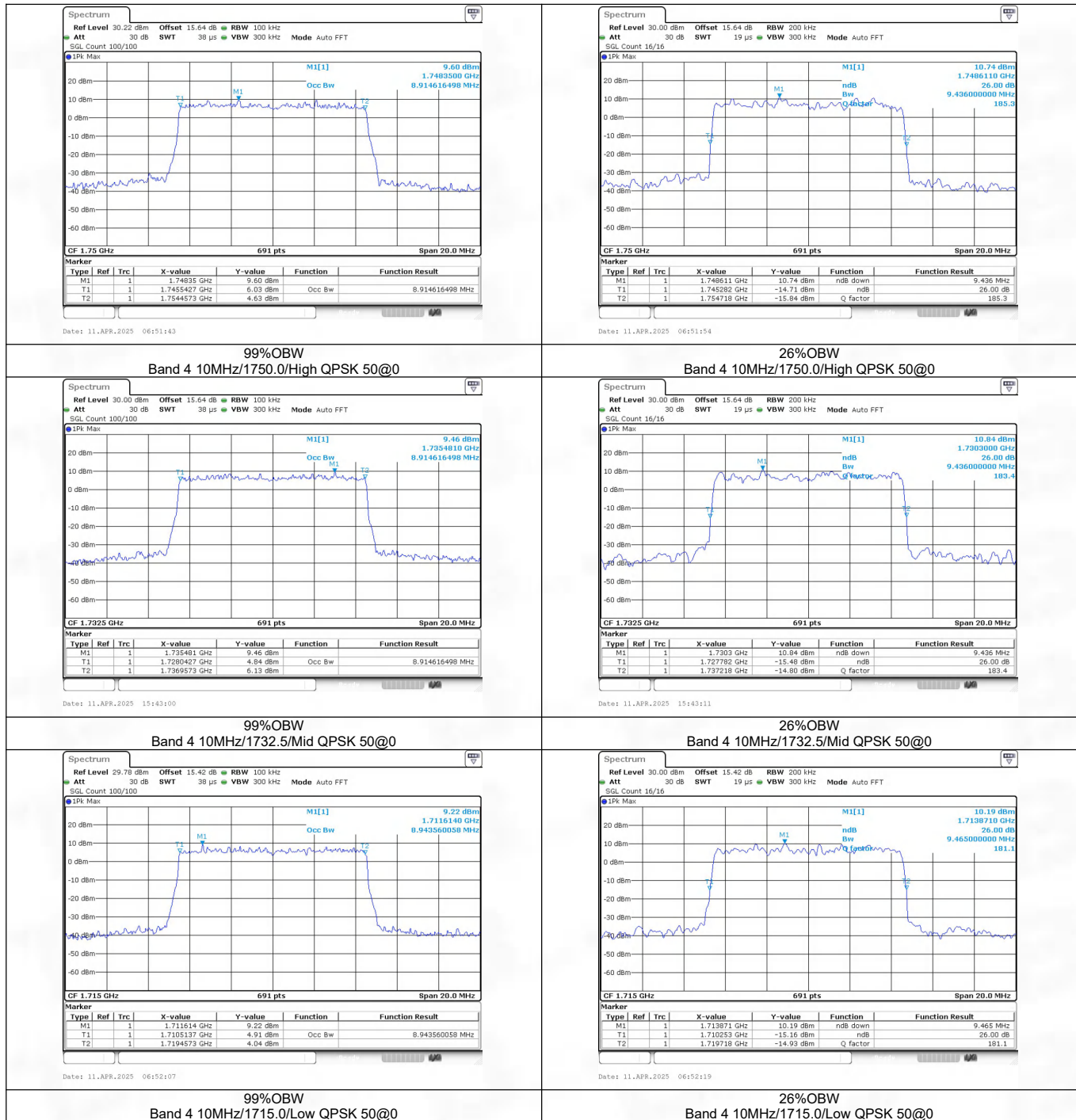
4.Occupied Bandwidth

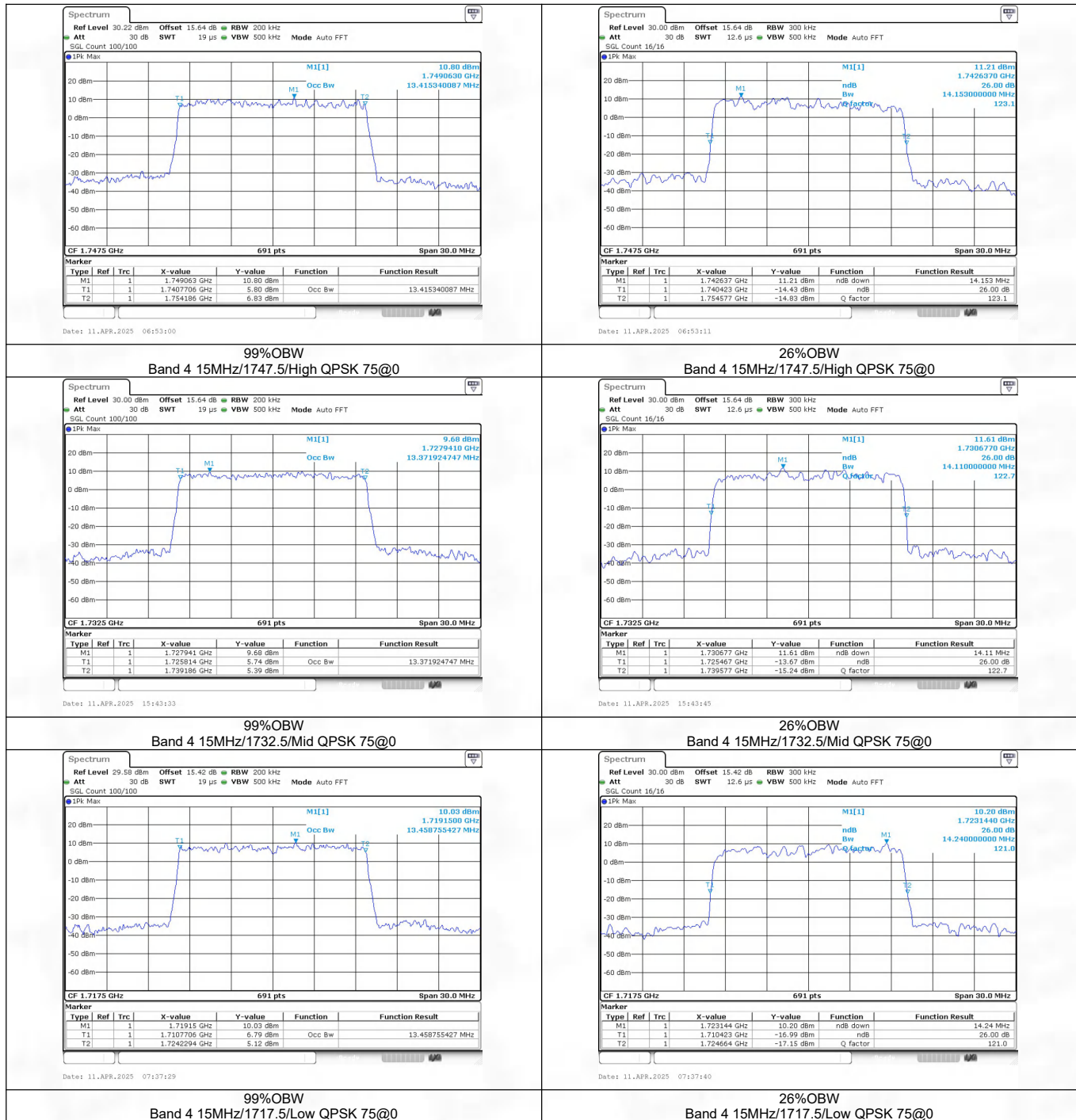
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
4	1.4	20393	1754.3	QPSK	6@0	1.0779	1.216	PASS
4	1.4	20175	1732.5	QPSK	6@0	1.0779	1.236	PASS
4	1.4	19957	1710.7	QPSK	6@0	1.0738	1.232	PASS
4	3.0	20385	1753.5	QPSK	15@0	2.6918	2.874	PASS
4	3.0	20175	1732.5	QPSK	15@0	2.6918	2.857	PASS
4	3.0	19965	1711.5	QPSK	15@0	2.6831	2.857	PASS
4	5.0	20375	1752.5	QPSK	25@0	4.4718	4.834	PASS
4	5.0	20175	1732.5	QPSK	25@0	4.4573	4.703	PASS
4	5.0	19975	1712.5	QPSK	25@0	4.4428	4.906	PASS
4	10.0	20350	1750.0	QPSK	50@0	8.9146	9.436	PASS
4	10.0	20175	1732.5	QPSK	50@0	8.9146	9.436	PASS
4	10.0	20000	1715.0	QPSK	50@0	8.9436	9.465	PASS
4	15.0	20325	1747.5	QPSK	75@0	13.415	14.15	PASS
4	15.0	20175	1732.5	QPSK	75@0	13.372	14.11	PASS
4	15.0	20025	1717.5	QPSK	75@0	13.459	14.24	PASS
4	20.0	20300	1745.0	QPSK	100@0	17.887	18.99	PASS
4	20.0	20175	1732.5	QPSK	100@0	17.829	18.99	PASS
4	20.0	20050	1720.0	QPSK	100@0	17.887	19.10	PASS

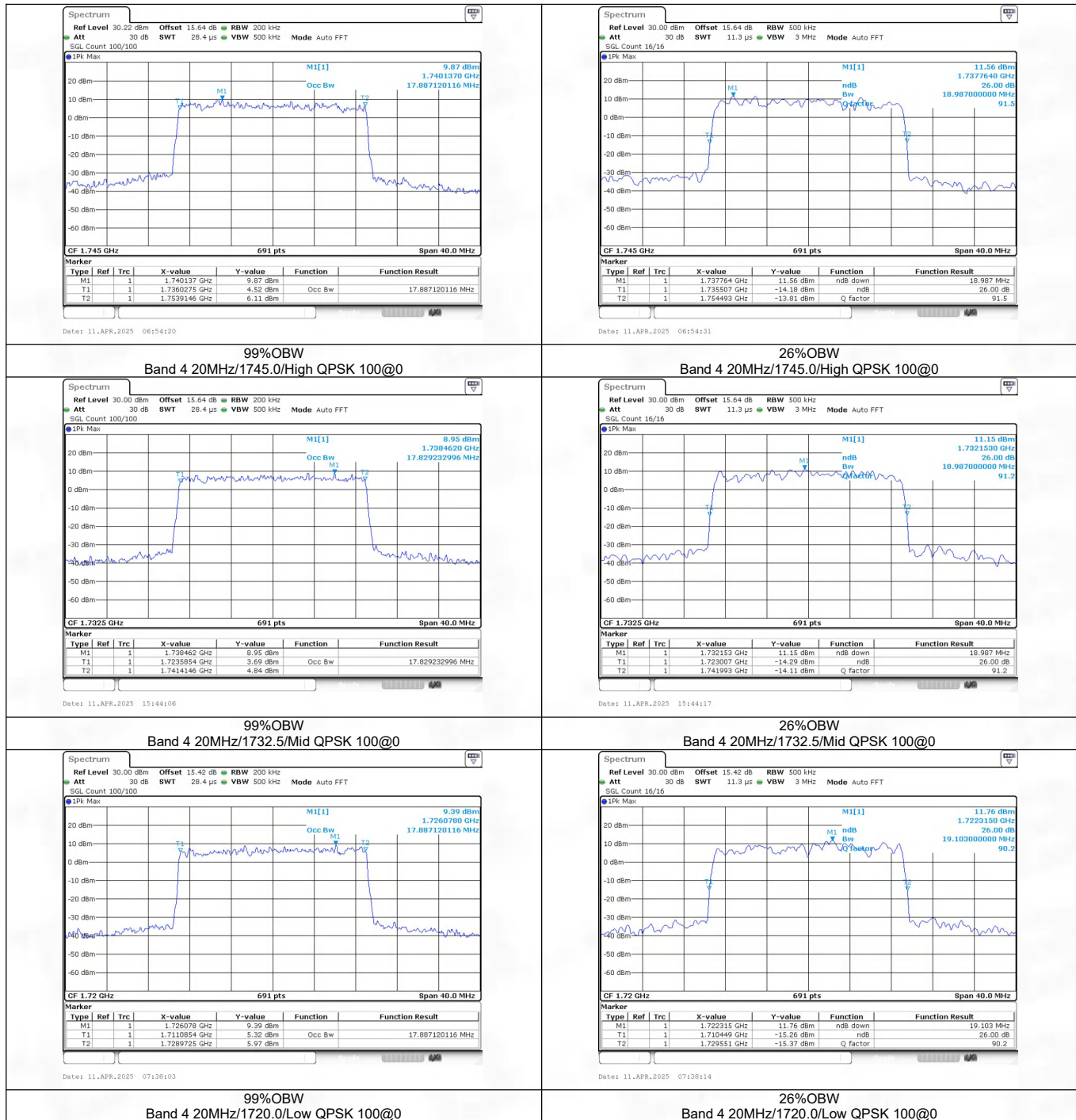












5. Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
4	1.4	20393	1754.3	QPSK	1@0	30	1000	-50.42	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	1000	20000	-37.48	-13	PASS
4	1.4	20175	1732.5	QPSK	1@0	30	1000	-51.04	-13	PASS
4	1.4	20175	1732.5	QPSK	1@0	1000	20000	-33.73	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	30	1000	-49.33	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	1000	20000	-37.2	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	30	1000	-50.07	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	1000	20000	-36.41	-13	PASS
4	3.0	20175	1732.5	QPSK	1@0	30	1000	-50.52	-13	PASS
4	3.0	20175	1732.5	QPSK	1@0	1000	20000	-35.56	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	30	1000	-49.99	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	1000	20000	-38.41	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	30	1000	-50.24	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	1000	20000	-38.0	-13	PASS
4	5.0	20175	1732.5	QPSK	1@0	30	1000	-50.32	-13	PASS
4	5.0	20175	1732.5	QPSK	1@0	1000	20000	-35.37	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	30	1000	-48.98	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	1000	20000	-37.71	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	30	1000	-50.61	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	1000	20000	-37.63	-13	PASS
4	10.0	20175	1732.5	QPSK	1@0	30	1000	-50.61	-13	PASS
4	10.0	20175	1732.5	QPSK	1@0	1000	20000	-33.57	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	30	1000	-50.19	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	1000	20000	-37.61	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	30	1000	-50.74	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	1000	20000	-38.43	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	30	1000	-51.12	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	1000	20000	-35.31	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	30	1000	-49.86	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	1000	20000	-38.36	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	30	1000	-50.67	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	1000	20000	-35.59	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	30	1000	-49.1	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	1000	20000	-37.81	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	30	1000	-49.63	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	1000	20000	-37.91	-13	PASS

