

Appendix A Conduction Data for LTE

1.Transmitter Conducted Output Power And ERP/EIRP

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(Limit) (dBm)	Verdict
4	1.4	19957	1710.7	QPSK	1@0	23.13	25.61	0.3641	30	PASS
4	1.4	19957	1710.7	QPSK	1@2	23.1	25.58	0.361	30	PASS
4	1.4	19957	1710.7	QPSK	1@5	23.14	25.62	0.3645	30	PASS
4	1.4	19957	1710.7	QPSK	3@0	23.31	25.79	0.379	30	PASS
4	1.4	19957	1710.7	QPSK	3@1	23.3	25.78	0.3783	30	PASS
4	1.4	19957	1710.7	QPSK	3@2	23.29	25.77	0.3772	30	PASS
4	1.4	19957	1710.7	QPSK	6@0	22.19	24.67	0.2933	30	PASS
4	1.4	19957	1710.7	16QAM	1@0	22.85	25.33	0.3413	30	PASS
4	1.4	19957	1710.7	16QAM	1@2	22.84	25.32	0.3402	30	PASS
4	1.4	19957	1710.7	16QAM	1@5	22.9	25.38	0.3451	30	PASS
4	1.4	19957	1710.7	16QAM	3@0	22.11	24.59	0.2877	30	PASS
4	1.4	19957	1710.7	16QAM	3@1	22.11	24.59	0.288	30	PASS
4	1.4	19957	1710.7	16QAM	3@2	22.11	24.59	0.288	30	PASS
4	1.4	19957	1710.7	16QAM	6@0	21.32	23.8	0.2397	30	PASS
4	1.4	20175	1732.5	QPSK	1@0	23.19	25.67	0.3691	30	PASS
4	1.4	20175	1732.5	QPSK	1@2	23.24	25.72	0.3735	30	PASS
4	1.4	20175	1732.5	QPSK	1@5	23.2	25.68	0.3694	30	PASS
4	1.4	20175	1732.5	QPSK	3@0	23.14	25.62	0.3644	30	PASS
4	1.4	20175	1732.5	QPSK	3@1	23.13	25.61	0.3639	30	PASS
4	1.4	20175	1732.5	QPSK	3@2	23.13	25.61	0.3639	30	PASS
4	1.4	20175	1732.5	QPSK	6@0	22.21	24.69	0.2944	30	PASS
4	1.4	20175	1732.5	16QAM	1@0	21.44	23.92	0.2465	30	PASS
4	1.4	20175	1732.5	16QAM	1@2	21.56	24.04	0.2534	30	PASS
4	1.4	20175	1732.5	16QAM	1@5	21.51	23.99	0.2505	30	PASS
4	1.4	20175	1732.5	16QAM	3@0	22.09	24.57	0.2864	30	PASS
4	1.4	20175	1732.5	16QAM	3@1	22.09	24.57	0.2863	30	PASS
4	1.4	20175	1732.5	16QAM	3@2	22.09	24.57	0.2862	30	PASS
4	1.4	20175	1732.5	16QAM	6@0	21.41	23.89	0.2451	30	PASS
4	1.4	20393	1754.3	QPSK	1@0	23.27	25.75	0.376	30	PASS
4	1.4	20393	1754.3	QPSK	1@2	23.29	25.77	0.3774	30	PASS
4	1.4	20393	1754.3	QPSK	1@5	23.34	25.82	0.3818	30	PASS
4	1.4	20393	1754.3	QPSK	3@0	23.28	25.76	0.3767	30	PASS
4	1.4	20393	1754.3	QPSK	3@1	23.28	25.76	0.3766	30	PASS
4	1.4	20393	1754.3	QPSK	3@2	23.28	25.76	0.3765	30	PASS
4	1.4	20393	1754.3	QPSK	6@0	22.14	24.62	0.2895	30	PASS
4	1.4	20393	1754.3	16QAM	1@0	22.12	24.6	0.2887	30	PASS
4	1.4	20393	1754.3	16QAM	1@2	22.29	24.77	0.3	30	PASS
4	1.4	20393	1754.3	16QAM	1@5	22.24	24.72	0.2968	30	PASS
4	1.4	20393	1754.3	16QAM	3@0	21.89	24.37	0.2735	30	PASS
4	1.4	20393	1754.3	16QAM	3@1	21.9	24.38	0.2742	30	PASS
4	1.4	20393	1754.3	16QAM	3@2	21.77	24.25	0.2659	30	PASS
4	1.4	20393	1754.3	16QAM	6@0	21.25	23.73	0.236	30	PASS
4	3.0	19965	1711.5	QPSK	1@0	23.12	25.6	0.3631	30	PASS
4	3.0	19965	1711.5	QPSK	1@7	23.17	25.65	0.3673	30	PASS
4	3.0	19965	1711.5	QPSK	1@14	23.16	25.64	0.3661	30	PASS
4	3.0	19965	1711.5	QPSK	8@0	22.23	24.71	0.2959	30	PASS
4	3.0	19965	1711.5	QPSK	8@4	22.23	24.71	0.2957	30	PASS
4	3.0	19965	1711.5	QPSK	8@7	22.14	24.62	0.2895	30	PASS
4	3.0	19965	1711.5	QPSK	15@0	22.25	24.73	0.2972	30	PASS
4	3.0	19965	1711.5	16QAM	1@0	22.84	25.32	0.3404	30	PASS
4	3.0	19965	1711.5	16QAM	1@7	22.8	25.28	0.3374	30	PASS
4	3.0	19965	1711.5	16QAM	1@14	22.81	25.29	0.3383	30	PASS
4	3.0	19965	1711.5	16QAM	8@0	21.29	23.77	0.2384	30	PASS
4	3.0	19965	1711.5	16QAM	8@4	21.3	23.78	0.2389	30	PASS
4	3.0	19965	1711.5	16QAM	8@7	21.2	23.68	0.2334	30	PASS
4	3.0	19965	1711.5	16QAM	15@0	21.36	23.84	0.2421	30	PASS
4	3.0	20175	1732.5	QPSK	1@0	23.17	25.65	0.3676	30	PASS
4	3.0	20175	1732.5	QPSK	1@7	23.18	25.66	0.3682	30	PASS
4	3.0	20175	1732.5	QPSK	1@14	23.31	25.79	0.3789	30	PASS
4	3.0	20175	1732.5	QPSK	8@0	22.2	24.68	0.2939	30	PASS
4	3.0	20175	1732.5	QPSK	8@4	22.21	24.69	0.2947	30	PASS
4	3.0	20175	1732.5	QPSK	8@7	22.24	24.72	0.2966	30	PASS
4	3.0	20175	1732.5	QPSK	15@0	22.24	24.72	0.2963	30	PASS
4	3.0	20175	1732.5	16QAM	1@0	21.32	23.8	0.2401	30	PASS
4	3.0	20175	1732.5	16QAM	1@7	21.35	23.83	0.2416	30	PASS
4	3.0	20175	1732.5	16QAM	1@14	21.42	23.9	0.2452	30	PASS
4	3.0	20175	1732.5	16QAM	8@0	21.47	23.95	0.2484	30	PASS
4	3.0	20175	1732.5	16QAM	8@4	21.48	23.96	0.2487	30	PASS
4	3.0	20175	1732.5	16QAM	8@7	21.49	23.97	0.2497	30	PASS
4	3.0	20175	1732.5	16QAM	15@0	21.14	23.62	0.2303	30	PASS
4	3.0	20385	1753.5	QPSK	1@0	23.24	25.72	0.3731	30	PASS
4	3.0	20385	1753.5	QPSK	1@7	23.37	25.85	0.385	30	PASS
4	3.0	20385	1753.5	QPSK	1@14	23.25	25.73	0.3745	30	PASS
4	3.0	20385	1753.5	QPSK	8@0	22.14	24.62	0.2899	30	PASS

4	3.0	20385	1753.5	QPSK	8@4	22.15	24.63	0.2902	30	PASS
4	3.0	20385	1753.5	QPSK	8@7	22.17	24.65	0.292	30	PASS
4	3.0	20385	1753.5	QPSK	15@0	22.19	24.67	0.293	30	PASS
4	3.0	20385	1753.5	16QAM	1@0	22.21	24.69	0.2946	30	PASS
4	3.0	20385	1753.5	16QAM	1@7	22.28	24.76	0.2995	30	PASS
4	3.0	20385	1753.5	16QAM	1@14	22.23	24.71	0.296	30	PASS
4	3.0	20385	1753.5	16QAM	8@0	21.33	23.81	0.2403	30	PASS
4	3.0	20385	1753.5	16QAM	8@4	21.33	23.81	0.2405	30	PASS
4	3.0	20385	1753.5	16QAM	8@7	21.38	23.86	0.2434	30	PASS
4	3.0	20385	1753.5	16QAM	15@0	21.32	23.8	0.2398	30	PASS
4	5.0	19975	1712.5	QPSK	1@0	23.37	25.85	0.3849	30	PASS
4	5.0	19975	1712.5	QPSK	1@12	23.33	25.81	0.3811	30	PASS
4	5.0	19975	1712.5	QPSK	1@24	23.48	25.96	0.3949	30	PASS
4	5.0	19975	1712.5	QPSK	12@0	22.15	24.63	0.2907	30	PASS
4	5.0	19975	1712.5	QPSK	12@6	22.16	24.64	0.2907	30	PASS
4	5.0	19975	1712.5	QPSK	12@11	22.24	24.72	0.2962	30	PASS
4	5.0	19975	1712.5	QPSK	25@0	22.19	24.67	0.293	30	PASS
4	5.0	19975	1712.5	16QAM	1@0	22.46	24.94	0.3122	30	PASS
4	5.0	19975	1712.5	16QAM	1@12	22.48	24.96	0.313	30	PASS
4	5.0	19975	1712.5	16QAM	1@24	22.18	24.66	0.2921	30	PASS
4	5.0	19975	1712.5	16QAM	12@0	21.21	23.69	0.2337	30	PASS
4	5.0	19975	1712.5	16QAM	12@6	21.21	23.69	0.234	30	PASS
4	5.0	19975	1712.5	16QAM	12@11	21.21	23.69	0.2341	30	PASS
4	5.0	19975	1712.5	16QAM	25@0	21.11	23.59	0.2285	30	PASS
4	5.0	20175	1732.5	QPSK	1@0	23.06	25.54	0.3581	30	PASS
4	5.0	20175	1732.5	QPSK	1@12	22.99	25.47	0.3528	30	PASS
4	5.0	20175	1732.5	QPSK	1@24	23.05	25.53	0.3571	30	PASS
4	5.0	20175	1732.5	QPSK	12@0	22.27	24.75	0.2984	30	PASS
4	5.0	20175	1732.5	QPSK	12@6	22.26	24.74	0.298	30	PASS
4	5.0	20175	1732.5	QPSK	12@11	22.27	24.75	0.2982	30	PASS
4	5.0	20175	1732.5	QPSK	25@0	22.17	24.65	0.2915	30	PASS
4	5.0	20175	1732.5	16QAM	1@0	22.19	24.67	0.2929	30	PASS
4	5.0	20175	1732.5	16QAM	1@12	22.24	24.72	0.2967	30	PASS
4	5.0	20175	1732.5	16QAM	1@24	22.17	24.65	0.2915	30	PASS
4	5.0	20175	1732.5	16QAM	12@0	21.39	23.87	0.2436	30	PASS
4	5.0	20175	1732.5	16QAM	12@6	21.23	23.71	0.2349	30	PASS
4	5.0	20175	1732.5	16QAM	12@11	21.13	23.61	0.2295	30	PASS
4	5.0	20175	1732.5	16QAM	25@0	21.28	23.76	0.238	30	PASS
4	5.0	20375	1752.5	QPSK	1@0	23.03	25.51	0.356	30	PASS
4	5.0	20375	1752.5	QPSK	1@12	23.23	25.71	0.3722	30	PASS
4	5.0	20375	1752.5	QPSK	1@24	23.09	25.57	0.3606	30	PASS
4	5.0	20375	1752.5	QPSK	12@0	22.26	24.74	0.2979	30	PASS
4	5.0	20375	1752.5	QPSK	12@6	22.27	24.75	0.2986	30	PASS
4	5.0	20375	1752.5	QPSK	12@11	22.27	24.75	0.2987	30	PASS
4	5.0	20375	1752.5	QPSK	25@0	22.35	24.83	0.3044	30	PASS
4	5.0	20375	1752.5	16QAM	1@0	21.37	23.85	0.2424	30	PASS
4	5.0	20375	1752.5	16QAM	1@12	21.23	23.71	0.2347	30	PASS
4	5.0	20375	1752.5	16QAM	1@24	21.39	23.87	0.2436	30	PASS
4	5.0	20375	1752.5	16QAM	12@0	21.3	23.78	0.2388	30	PASS
4	5.0	20375	1752.5	16QAM	12@6	21.3	23.78	0.2388	30	PASS
4	5.0	20375	1752.5	16QAM	12@11	21.31	23.79	0.2391	30	PASS
4	5.0	20375	1752.5	16QAM	25@0	21.38	23.86	0.2435	30	PASS
4	10.0	20000	1715.0	QPSK	1@0	23.15	25.63	0.3655	30	PASS
4	10.0	20000	1715.0	QPSK	1@24	23.22	25.7	0.3719	30	PASS
4	10.0	20000	1715.0	QPSK	1@49	23.31	25.79	0.3793	30	PASS
4	10.0	20000	1715.0	QPSK	25@0	22.21	24.69	0.2942	30	PASS
4	10.0	20000	1715.0	QPSK	25@12	22.21	24.69	0.2942	30	PASS
4	10.0	20000	1715.0	QPSK	25@24	22.2	24.68	0.2938	30	PASS
4	10.0	20000	1715.0	QPSK	50@0	22.28	24.76	0.2995	30	PASS
4	10.0	20000	1715.0	16QAM	1@0	22.18	24.66	0.2924	30	PASS
4	10.0	20000	1715.0	16QAM	1@24	22.5	24.98	0.3144	30	PASS
4	10.0	20000	1715.0	16QAM	1@49	22.54	25.02	0.3174	30	PASS
4	10.0	20000	1715.0	16QAM	25@0	21.37	23.85	0.2426	30	PASS
4	10.0	20000	1715.0	16QAM	25@12	21.37	23.85	0.2427	30	PASS
4	10.0	20000	1715.0	16QAM	25@24	21.22	23.7	0.2344	30	PASS
4	10.0	20000	1715.0	16QAM	50@0	21.26	23.74	0.2366	30	PASS
4	10.0	20175	1732.5	QPSK	1@0	23.12	25.6	0.3631	30	PASS
4	10.0	20175	1732.5	QPSK	1@24	23.05	25.53	0.3572	30	PASS
4	10.0	20175	1732.5	QPSK	1@49	23.15	25.63	0.3659	30	PASS
4	10.0	20175	1732.5	QPSK	25@0	22.37	24.85	0.3053	30	PASS
4	10.0	20175	1732.5	QPSK	25@12	22.28	24.76	0.2991	30	PASS
4	10.0	20175	1732.5	QPSK	25@24	22.28	24.76	0.2989	30	PASS
4	10.0	20175	1732.5	QPSK	50@0	22.2	24.68	0.2938	30	PASS
4	10.0	20175	1732.5	16QAM	1@0	21.75	24.23	0.2651	30	PASS
4	10.0	20175	1732.5	16QAM	1@24	21.73	24.21	0.2638	30	PASS
4	10.0	20175	1732.5	16QAM	1@49	21.68	24.16	0.2605	30	PASS
4	10.0	20175	1732.5	16QAM	25@0	21.46	23.94	0.248	30	PASS
4	10.0	20175	1732.5	16QAM	25@12	21.47	23.95	0.2481	30	PASS
4	10.0	20175	1732.5	16QAM	25@24	21.47	23.95	0.2481	30	PASS
4	10.0	20175	1732.5	16QAM	50@0	21.25	23.73	0.2362	30	PASS
4	10.0	20350	1750.0	QPSK	1@0	23.18	25.66	0.3683	30	PASS
4	10.0	20350	1750.0	QPSK	1@24	23.18	25.66	0.3678	30	PASS
4	10.0	20350	1750.0	QPSK	1@49	23.26	25.74	0.3752	30	PASS
4	10.0	20350	1750.0	QPSK	25@0	22.21	24.69	0.2942	30	PASS
4	10.0	20350	1750.0	QPSK	25@12	22.23	24.71	0.2956	30	PASS
4	10.0	20350	1750.0	QPSK	25@24	22.23	24.71	0.2955	30	PASS

4	10.0	20350	1750.0	QPSK	50@0	22.31	24.79	0.3016	30	PASS
4	10.0	20350	1750.0	16QAM	1@0	22.51	24.99	0.3151	30	PASS
4	10.0	20350	1750.0	16QAM	1@24	22.52	25.0	0.3159	30	PASS
4	10.0	20350	1750.0	16QAM	1@49	22.52	25.0	0.3165	30	PASS
4	10.0	20350	1750.0	16QAM	25@0	21.29	23.77	0.2382	30	PASS
4	10.0	20350	1750.0	16QAM	25@12	21.31	23.79	0.2392	30	PASS
4	10.0	20350	1750.0	16QAM	25@24	21.31	23.79	0.2392	30	PASS
4	10.0	20350	1750.0	16QAM	50@0	21.23	23.71	0.2352	30	PASS
4	15.0	20025	1717.5	QPSK	1@0	23.1	25.58	0.3618	30	PASS
4	15.0	20025	1717.5	QPSK	1@37	23.25	25.73	0.3743	30	PASS
4	15.0	20025	1717.5	QPSK	1@74	23.22	25.7	0.3714	30	PASS
4	15.0	20025	1717.5	QPSK	36@0	22.32	24.8	0.3023	30	PASS
4	15.0	20025	1717.5	QPSK	36@16	22.18	24.66	0.2926	30	PASS
4	15.0	20025	1717.5	QPSK	36@35	22.18	24.66	0.2926	30	PASS
4	15.0	20025	1717.5	QPSK	75@0	22.17	24.65	0.2919	30	PASS
4	15.0	20025	1717.5	16QAM	1@0	22.25	24.73	0.2973	30	PASS
4	15.0	20025	1717.5	16QAM	1@37	22.45	24.93	0.311	30	PASS
4	15.0	20025	1717.5	16QAM	1@74	22.32	24.8	0.3023	30	PASS
4	15.0	20025	1717.5	16QAM	36@0	21.31	23.79	0.2394	30	PASS
4	15.0	20025	1717.5	16QAM	36@16	21.32	23.8	0.2397	30	PASS
4	15.0	20025	1717.5	16QAM	36@35	21.32	23.8	0.2397	30	PASS
4	15.0	20025	1717.5	16QAM	75@0	21.35	23.83	0.2416	30	PASS
4	15.0	20175	1732.5	QPSK	1@0	23.04	25.52	0.3563	30	PASS
4	15.0	20175	1732.5	QPSK	1@37	23.03	25.51	0.3557	30	PASS
4	15.0	20175	1732.5	QPSK	1@74	23.03	25.51	0.3558	30	PASS
4	15.0	20175	1732.5	QPSK	36@0	22.17	24.65	0.2915	30	PASS
4	15.0	20175	1732.5	QPSK	36@16	22.3	24.78	0.3006	30	PASS
4	15.0	20175	1732.5	QPSK	36@35	22.3	24.78	0.3004	30	PASS
4	15.0	20175	1732.5	QPSK	75@0	22.26	24.74	0.2979	30	PASS
4	15.0	20175	1732.5	16QAM	1@0	21.92	24.4	0.2752	30	PASS
4	15.0	20175	1732.5	16QAM	1@37	21.94	24.42	0.2766	30	PASS
4	15.0	20175	1732.5	16QAM	1@74	22.01	24.49	0.2812	30	PASS
4	15.0	20175	1732.5	16QAM	36@0	21.29	23.77	0.2385	30	PASS
4	15.0	20175	1732.5	16QAM	36@16	21.29	23.77	0.2383	30	PASS
4	15.0	20175	1732.5	16QAM	36@35	21.3	23.78	0.2387	30	PASS
4	15.0	20175	1732.5	16QAM	75@0	21.2	23.68	0.2335	30	PASS
4	15.0	20325	1747.5	QPSK	1@0	23.24	25.72	0.3731	30	PASS
4	15.0	20325	1747.5	QPSK	1@37	23.3	25.78	0.3785	30	PASS
4	15.0	20325	1747.5	QPSK	1@74	23.28	25.76	0.3771	30	PASS
4	15.0	20325	1747.5	QPSK	36@0	22.35	24.83	0.3042	30	PASS
4	15.0	20325	1747.5	QPSK	36@16	22.36	24.84	0.3048	30	PASS
4	15.0	20325	1747.5	QPSK	36@35	22.36	24.84	0.3049	30	PASS
4	15.0	20325	1747.5	QPSK	75@0	22.37	24.85	0.3057	30	PASS
4	15.0	20325	1747.5	16QAM	1@0	22.3	24.78	0.3006	30	PASS
4	15.0	20325	1747.5	16QAM	1@37	22.39	24.87	0.3066	30	PASS
4	15.0	20325	1747.5	16QAM	1@74	22.41	24.89	0.3086	30	PASS
4	15.0	20325	1747.5	16QAM	36@0	21.41	23.89	0.2451	30	PASS
4	15.0	20325	1747.5	16QAM	36@16	21.42	23.9	0.2454	30	PASS
4	15.0	20325	1747.5	16QAM	36@35	21.43	23.91	0.246	30	PASS
4	15.0	20325	1747.5	16QAM	75@0	21.44	23.92	0.2465	30	PASS
4	20.0	20050	1720.0	QPSK	1@0	23.09	25.57	0.3608	30	PASS
4	20.0	20050	1720.0	QPSK	1@49	23.08	25.56	0.36	30	PASS
4	20.0	20050	1720.0	QPSK	1@99	23.4	25.88	0.3873	30	PASS
4	20.0	20050	1720.0	QPSK	50@0	22.06	24.54	0.2847	30	PASS
4	20.0	20050	1720.0	QPSK	50@24	22.15	24.63	0.2903	30	PASS
4	20.0	20050	1720.0	QPSK	50@49	22.29	24.77	0.2996	30	PASS
4	20.0	20050	1720.0	QPSK	100@0	22.2	24.68	0.2935	30	PASS
4	20.0	20050	1720.0	16QAM	1@0	22.31	24.79	0.3014	30	PASS
4	20.0	20050	1720.0	16QAM	1@49	22.41	24.89	0.3086	30	PASS
4	20.0	20050	1720.0	16QAM	1@99	22.51	24.99	0.3157	30	PASS
4	20.0	20050	1720.0	16QAM	50@0	21.33	23.81	0.2404	30	PASS
4	20.0	20050	1720.0	16QAM	50@24	21.48	23.96	0.2487	30	PASS
4	20.0	20050	1720.0	16QAM	50@49	21.48	23.96	0.2491	30	PASS
4	20.0	20050	1720.0	16QAM	100@0	21.18	23.66	0.2324	30	PASS
4	20.0	20175	1732.5	QPSK	1@0	23.25	25.73	0.3739	30	PASS
4	20.0	20175	1732.5	QPSK	1@49	23.27	25.75	0.3755	30	PASS
4	20.0	20175	1732.5	QPSK	1@99	23.29	25.77	0.3779	30	PASS
4	20.0	20175	1732.5	QPSK	50@0	22.34	24.82	0.3033	30	PASS
4	20.0	20175	1732.5	QPSK	50@24	22.19	24.67	0.2933	30	PASS
4	20.0	20175	1732.5	QPSK	50@49	22.19	24.67	0.2929	30	PASS
4	20.0	20175	1732.5	QPSK	100@0	22.21	24.69	0.2942	30	PASS
4	20.0	20175	1732.5	16QAM	1@0	23.04	25.52	0.3561	30	PASS
4	20.0	20175	1732.5	16QAM	1@49	22.92	25.4	0.3465	30	PASS
4	20.0	20175	1732.5	16QAM	1@99	22.98	25.46	0.3516	30	PASS
4	20.0	20175	1732.5	16QAM	50@0	21.26	23.74	0.2369	30	PASS
4	20.0	20175	1732.5	16QAM	50@24	21.26	23.74	0.2368	30	PASS
4	20.0	20175	1732.5	16QAM	50@49	21.27	23.75	0.237	30	PASS
4	20.0	20175	1732.5	16QAM	100@0	21.24	23.72	0.2355	30	PASS
4	20.0	20300	1745.0	QPSK	1@0	23.48	25.96	0.3945	30	PASS
4	20.0	20300	1745.0	QPSK	1@49	23.57	26.05	0.403	30	PASS
4	20.0	20300	1745.0	QPSK	1@99	23.6	26.08	0.4058	30	PASS
4	20.0	20300	1745.0	QPSK	50@0	22.35	24.83	0.3038	30	PASS
4	20.0	20300	1745.0	QPSK	50@24	22.35	24.83	0.3043	30	PASS
4	20.0	20300	1745.0	QPSK	50@49	22.34	24.82	0.3037	30	PASS
4	20.0	20300	1745.0	QPSK	100@0	22.38	24.86	0.3059	30	PASS
4	20.0	20300	1745.0	16QAM	1@0	22.08	24.56	0.2858	30	PASS

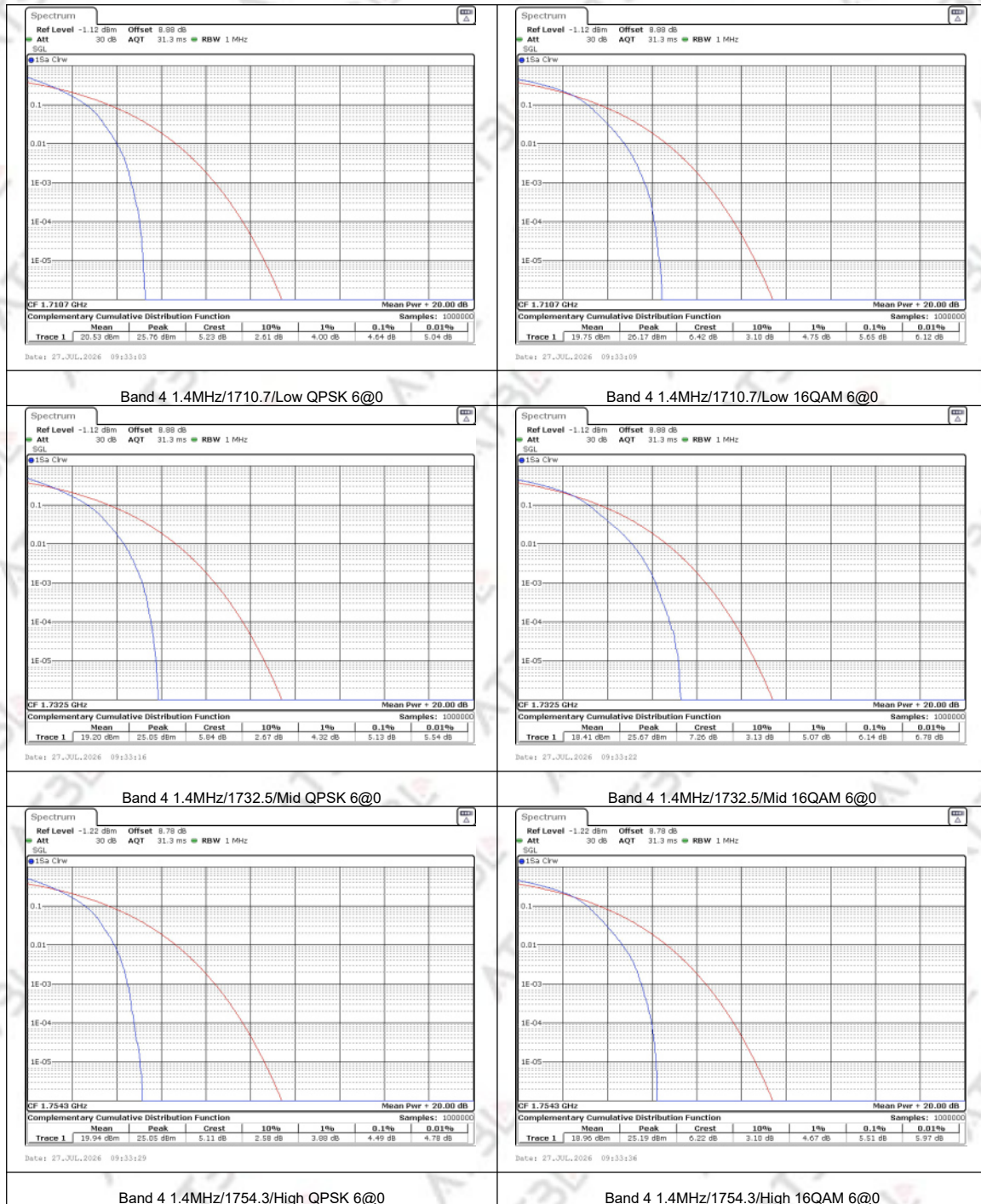
4	20.0	20300	1745.0	16QAM	1@49	22.04	24.52	0.2829	30	PASS
4	20.0	20300	1745.0	16QAM	1@99	21.96	24.44	0.2778	30	PASS
4	20.0	20300	1745.0	16QAM	50@0	21.38	23.86	0.2435	30	PASS
4	20.0	20300	1745.0	16QAM	50@24	21.38	23.86	0.2434	30	PASS
4	20.0	20300	1745.0	16QAM	50@49	21.39	23.87	0.2437	30	PASS
4	20.0	20300	1745.0	16QAM	100@0	21.43	23.91	0.2459	30	PASS

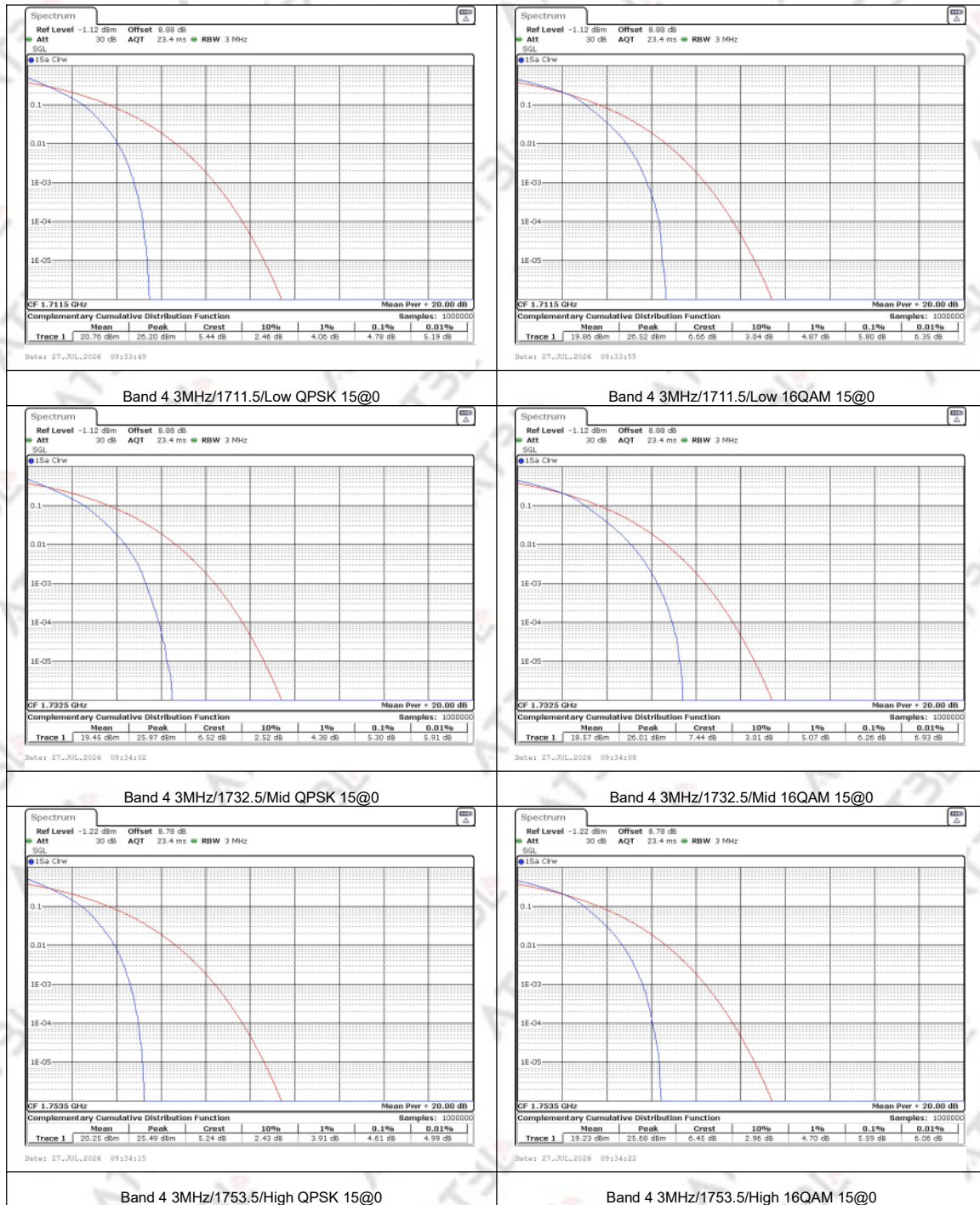
2. Peak to Average Ratio

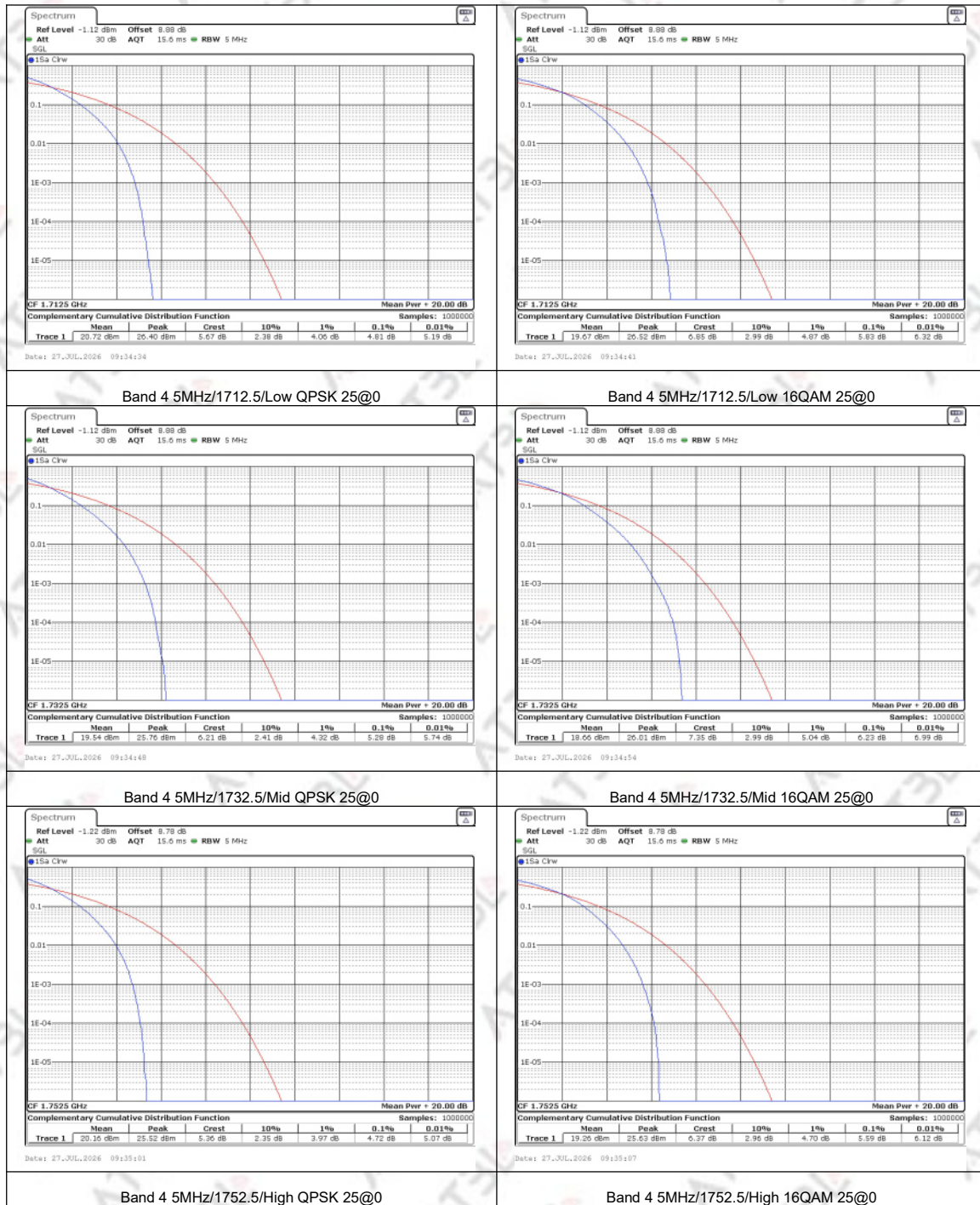
Test Result

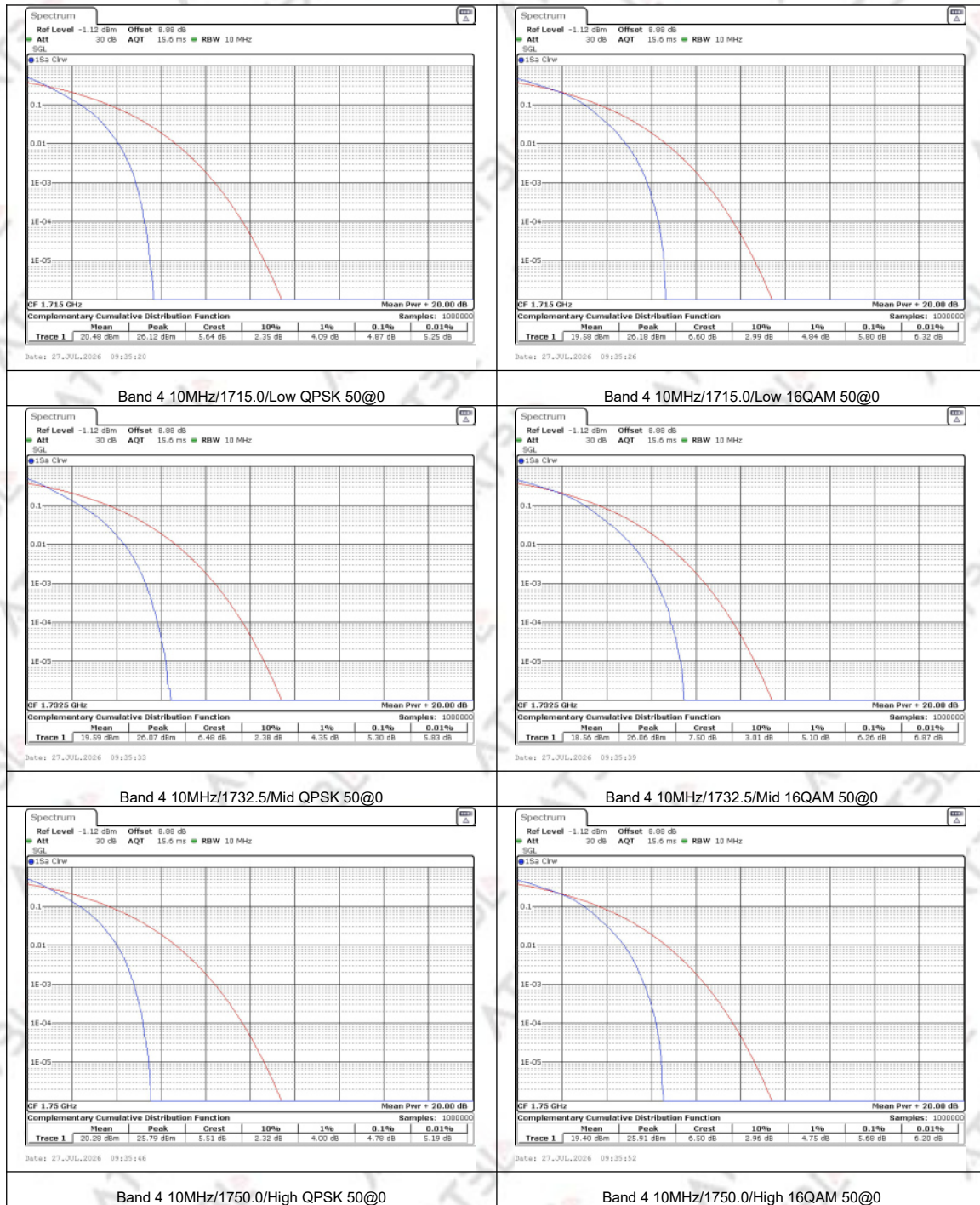
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
4	1.4	19957	1710.7	QPSK	6@0	4.64	13	PASS
4	1.4	19957	1710.7	16QAM	6@0	5.65	13	PASS
4	1.4	20175	1732.5	QPSK	6@0	5.13	13	PASS
4	1.4	20175	1732.5	16QAM	6@0	6.14	13	PASS
4	1.4	20393	1754.3	QPSK	6@0	4.49	13	PASS
4	1.4	20393	1754.3	16QAM	6@0	5.51	13	PASS
4	3.0	19965	1711.5	QPSK	15@0	4.78	13	PASS
4	3.0	19965	1711.5	16QAM	15@0	5.8	13	PASS
4	3.0	20175	1732.5	QPSK	15@0	5.3	13	PASS
4	3.0	20175	1732.5	16QAM	15@0	6.26	13	PASS
4	3.0	20385	1753.5	QPSK	15@0	4.61	13	PASS
4	3.0	20385	1753.5	16QAM	15@0	5.59	13	PASS
4	5.0	19975	1712.5	QPSK	25@0	4.81	13	PASS
4	5.0	19975	1712.5	16QAM	25@0	5.83	13	PASS
4	5.0	20175	1732.5	QPSK	25@0	5.28	13	PASS
4	5.0	20175	1732.5	16QAM	25@0	6.23	13	PASS
4	5.0	20375	1752.5	QPSK	25@0	4.72	13	PASS
4	5.0	20375	1752.5	16QAM	25@0	5.59	13	PASS
4	10.0	20000	1715.0	QPSK	50@0	4.87	13	PASS
4	10.0	20000	1715.0	16QAM	50@0	5.8	13	PASS
4	10.0	20175	1732.5	QPSK	50@0	5.3	13	PASS
4	10.0	20175	1732.5	16QAM	50@0	6.26	13	PASS
4	10.0	20350	1750.0	QPSK	50@0	4.78	13	PASS
4	10.0	20350	1750.0	16QAM	50@0	5.68	13	PASS
4	15.0	20025	1717.5	QPSK	75@0	5.19	13	PASS
4	15.0	20025	1717.5	16QAM	75@0	5.88	13	PASS
4	15.0	20175	1732.5	QPSK	75@0	5.65	13	PASS
4	15.0	20175	1732.5	16QAM	75@0	6.26	13	PASS
4	15.0	20325	1747.5	QPSK	75@0	5.16	13	PASS
4	15.0	20325	1747.5	16QAM	75@0	5.86	13	PASS
4	20.0	20050	1720.0	QPSK	100@0	5.07	13	PASS
4	20.0	20050	1720.0	16QAM	100@0	6.0	13	PASS
4	20.0	20175	1732.5	QPSK	100@0	5.3	13	PASS
4	20.0	20175	1732.5	16QAM	100@0	6.23	13	PASS
4	20.0	20300	1745.0	QPSK	100@0	5.01	13	PASS
4	20.0	20300	1745.0	16QAM	100@0	5.91	13	PASS

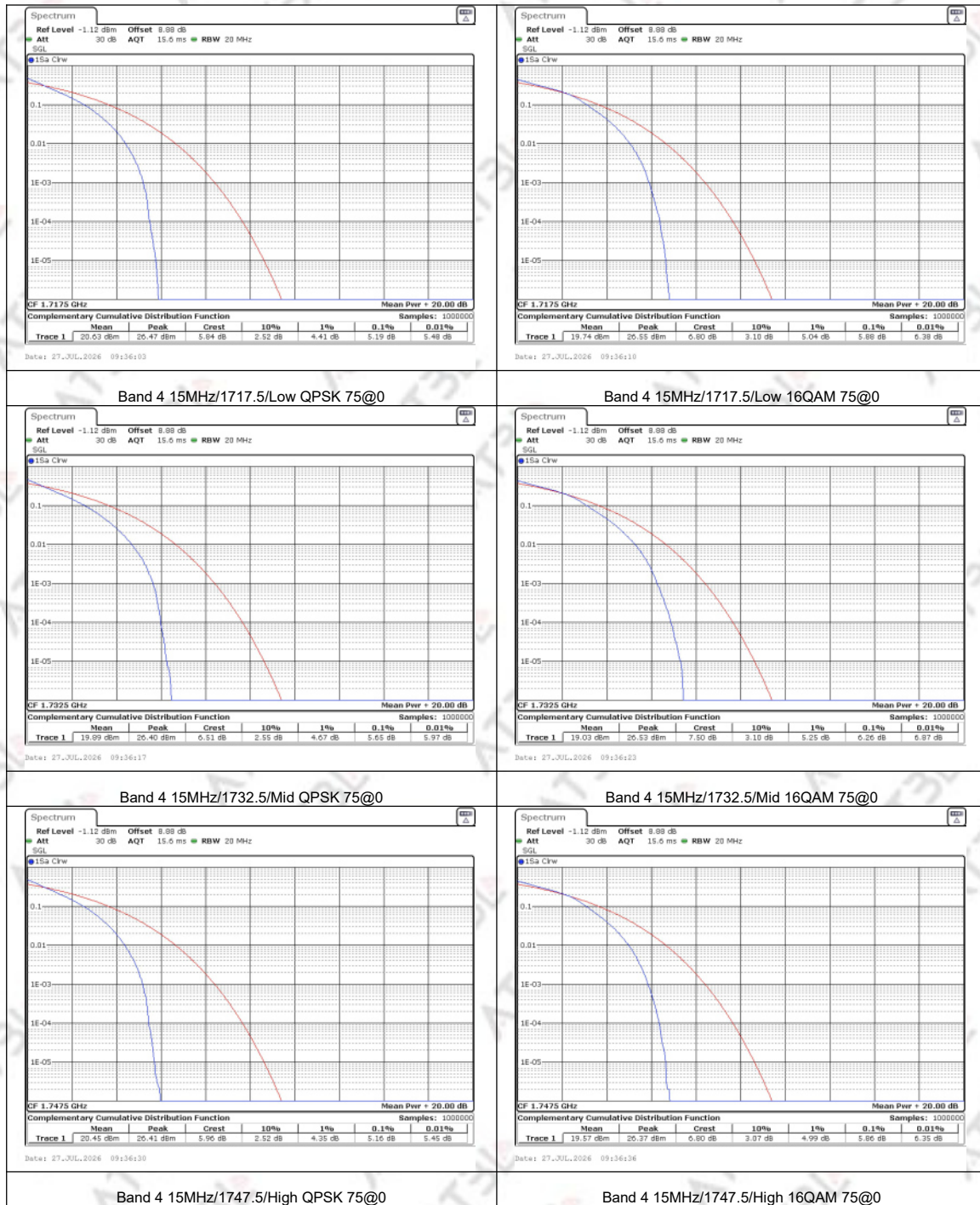
Test Graphs

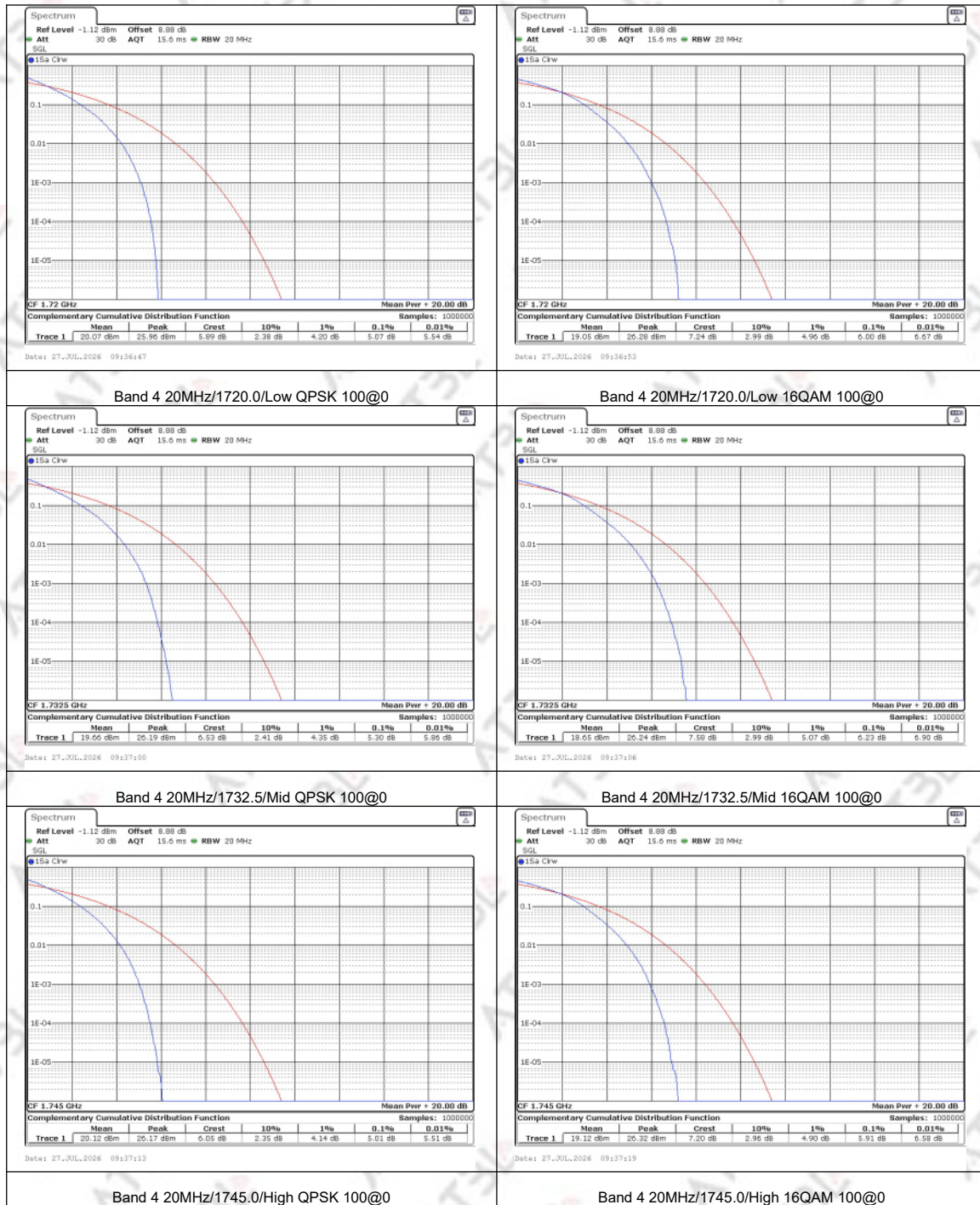










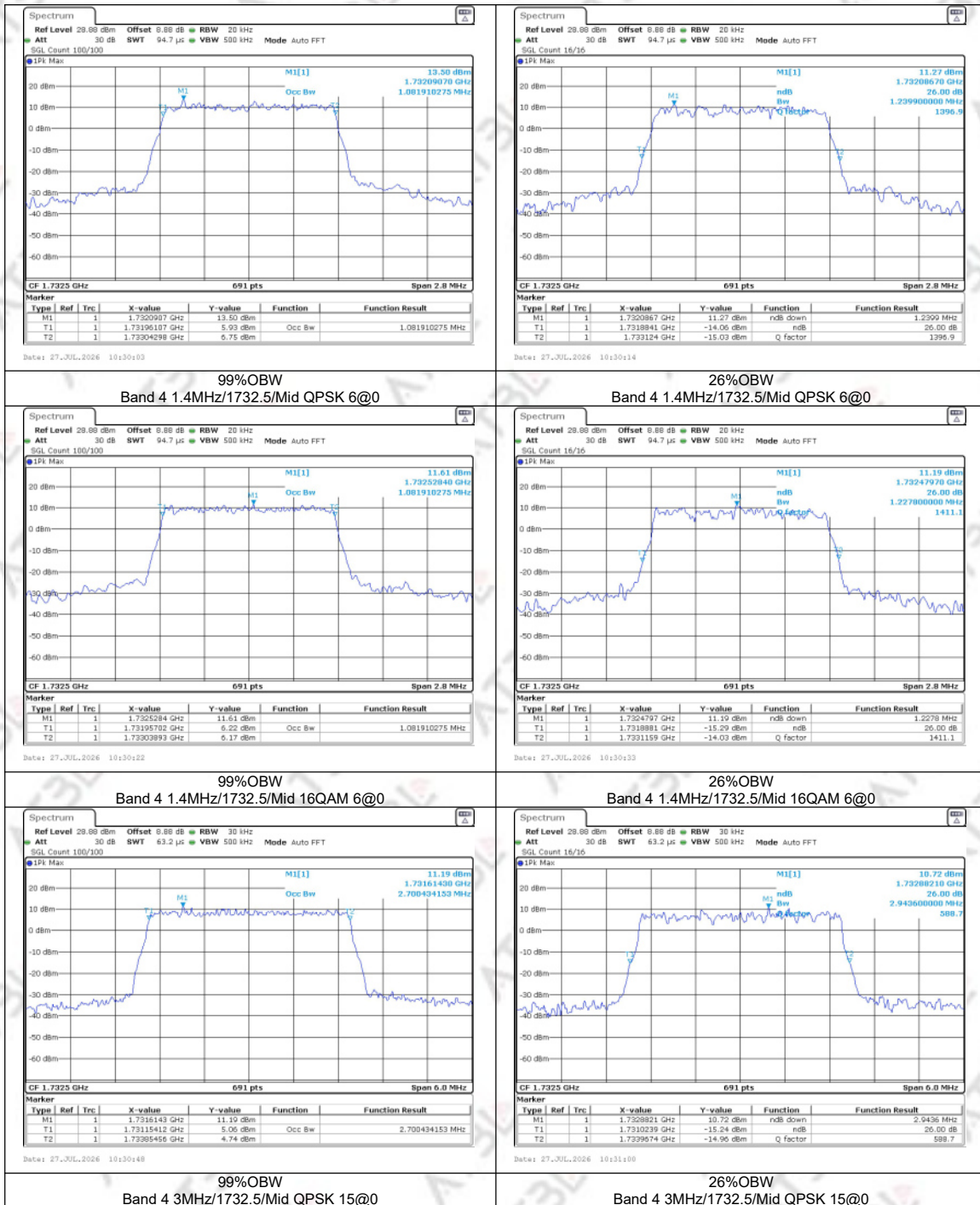


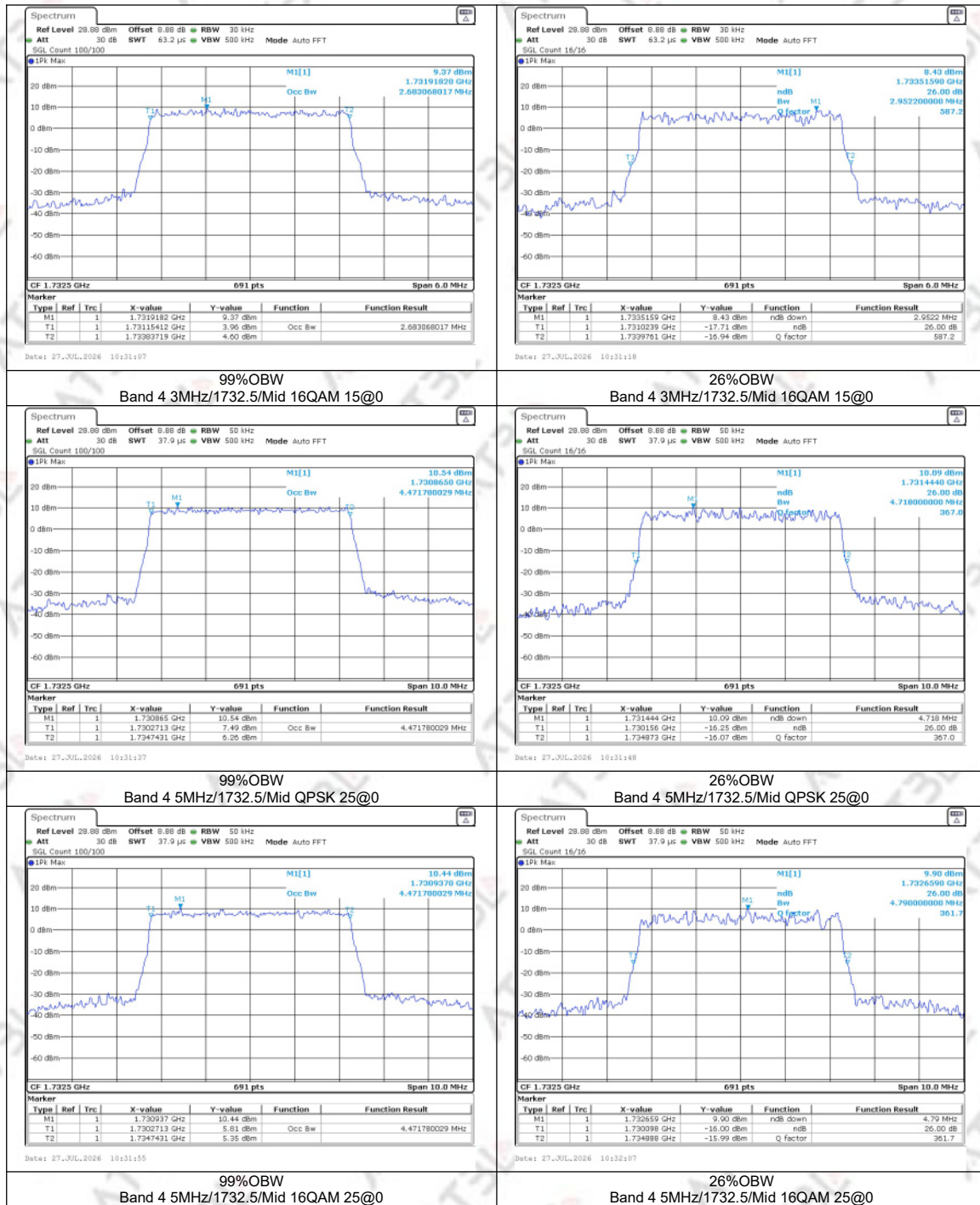
3.Occupied Bandwidth

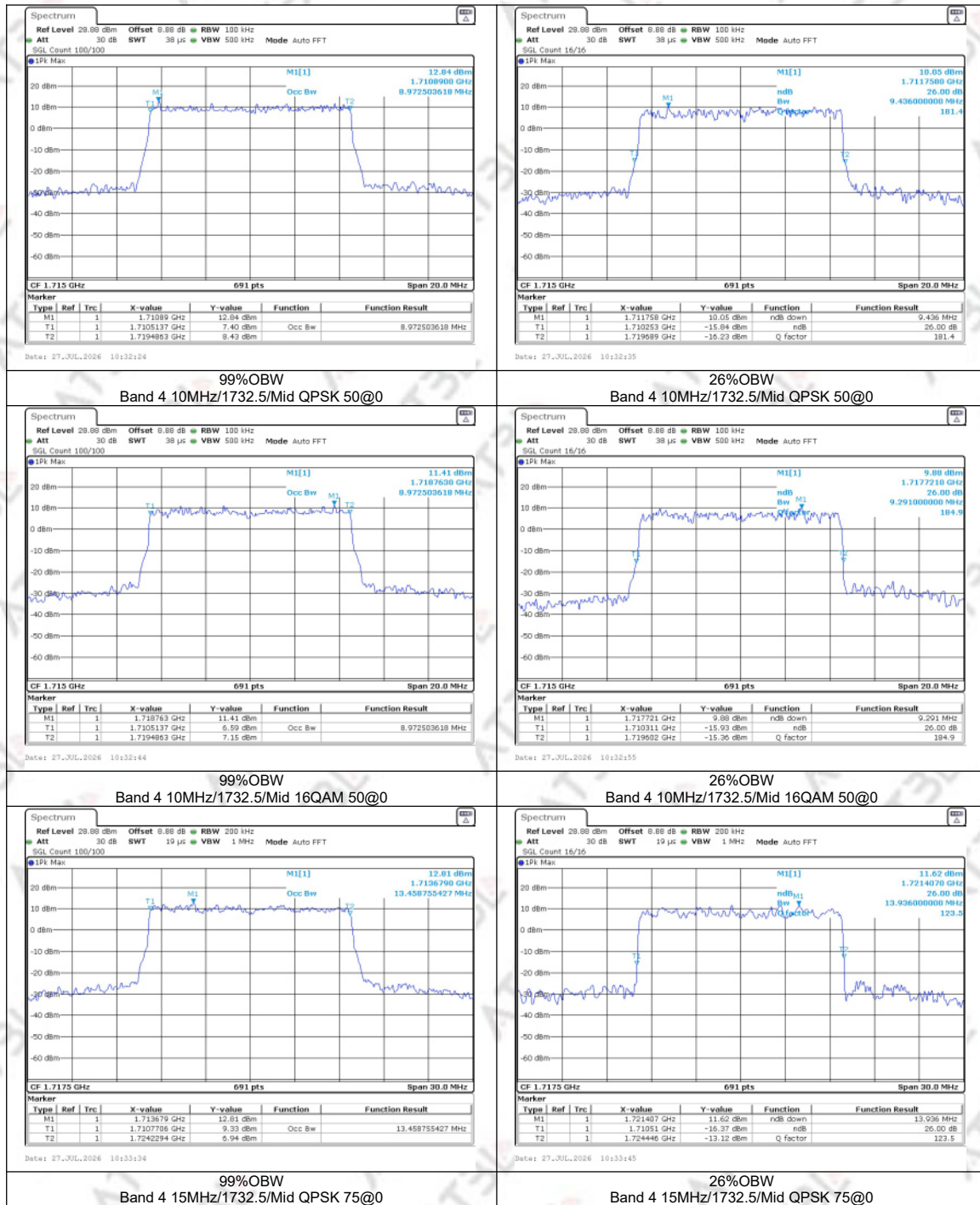
Test Result

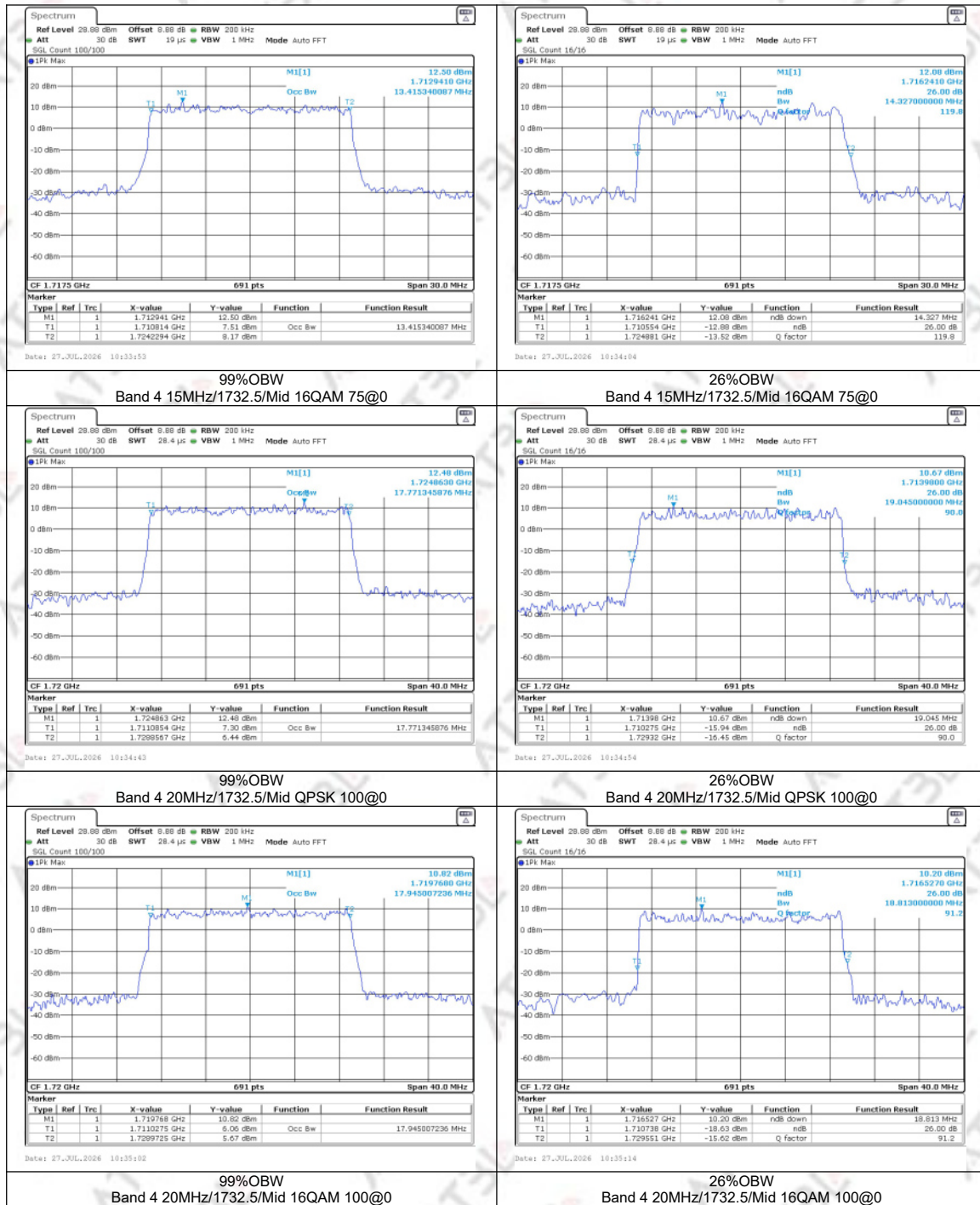
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
4	1.4	20175	1732.5	QPSK	6@0	1.0819	1.240	PASS
4	1.4	20175	1732.5	16QAM	6@0	1.0819	1.228	PASS
4	3.0	20175	1732.5	QPSK	15@0	2.7004	2.944	PASS
4	3.0	20175	1732.5	16QAM	15@0	2.6831	2.952	PASS
4	5.0	20175	1732.5	QPSK	25@0	4.4718	4.718	PASS
4	5.0	20175	1732.5	16QAM	25@0	4.4718	4.790	PASS
4	10.0	20175	1715.0	QPSK	50@0	8.9725	9.436	PASS
4	10.0	20175	1715.0	16QAM	50@0	8.9725	9.291	PASS
4	15.0	20175	1717.5	QPSK	75@0	13.459	13.94	PASS
4	15.0	20175	1717.5	16QAM	75@0	13.415	14.33	PASS
4	20.0	20175	1720.0	QPSK	100@0	17.771	19.05	PASS
4	20.0	20175	1720.0	16QAM	100@0	17.945	18.81	PASS

Test Graphs









4.Conducted Band Edge

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
4	1.4	19957	1710.7	QPSK	1@0	see graph	PASS
4	1.4	19957	1710.7	QPSK	1@5	see graph	PASS
4	1.4	19957	1710.7	QPSK	6@0	see graph	PASS
4	1.4	19957	1710.7	16QAM	1@0	see graph	PASS
4	1.4	19957	1710.7	16QAM	1@5	see graph	PASS
4	1.4	19957	1710.7	16QAM	6@0	see graph	PASS
4	1.4	20393	1754.3	QPSK	1@0	see graph	PASS
4	1.4	20393	1754.3	QPSK	1@5	see graph	PASS
4	1.4	20393	1754.3	QPSK	6@0	see graph	PASS
4	1.4	20393	1754.3	16QAM	1@0	see graph	PASS
4	1.4	20393	1754.3	16QAM	1@5	see graph	PASS
4	1.4	20393	1754.3	16QAM	6@0	see graph	PASS
4	3.0	19965	1711.5	QPSK	1@0	see graph	PASS
4	3.0	19965	1711.5	QPSK	1@14	see graph	PASS
4	3.0	19965	1711.5	QPSK	15@0	see graph	PASS
4	3.0	19965	1711.5	16QAM	1@0	see graph	PASS
4	3.0	19965	1711.5	16QAM	1@14	see graph	PASS
4	3.0	19965	1711.5	16QAM	15@0	see graph	PASS
4	3.0	20385	1753.5	QPSK	1@0	see graph	PASS
4	3.0	20385	1753.5	QPSK	1@14	see graph	PASS
4	3.0	20385	1753.5	QPSK	15@0	see graph	PASS
4	3.0	20385	1753.5	16QAM	1@0	see graph	PASS
4	3.0	20385	1753.5	16QAM	1@14	see graph	PASS
4	3.0	20385	1753.5	16QAM	15@0	see graph	PASS
4	5.0	19975	1712.5	QPSK	1@0	see graph	PASS
4	5.0	19975	1712.5	QPSK	1@24	see graph	PASS
4	5.0	19975	1712.5	QPSK	25@0	see graph	PASS
4	5.0	19975	1712.5	16QAM	1@0	see graph	PASS
4	5.0	19975	1712.5	16QAM	1@24	see graph	PASS
4	5.0	19975	1712.5	16QAM	25@0	see graph	PASS
4	5.0	20375	1752.5	QPSK	1@0	see graph	PASS
4	5.0	20375	1752.5	QPSK	1@24	see graph	PASS
4	5.0	20375	1752.5	QPSK	25@0	see graph	PASS
4	5.0	20375	1752.5	16QAM	1@0	see graph	PASS
4	5.0	20375	1752.5	16QAM	1@24	see graph	PASS
4	5.0	20375	1752.5	16QAM	25@0	see graph	PASS
4	10.0	20000	1715.0	QPSK	1@0	see graph	PASS
4	10.0	20000	1715.0	QPSK	1@49	see graph	PASS
4	10.0	20000	1715.0	QPSK	50@0	see graph	PASS
4	10.0	20000	1715.0	16QAM	1@0	see graph	PASS
4	10.0	20000	1715.0	16QAM	1@49	see graph	PASS
4	10.0	20000	1715.0	16QAM	50@0	see graph	PASS
4	10.0	20350	1750.0	QPSK	1@0	see graph	PASS
4	10.0	20350	1750.0	QPSK	1@49	see graph	PASS
4	10.0	20350	1750.0	QPSK	50@0	see graph	PASS
4	10.0	20350	1750.0	16QAM	1@0	see graph	PASS
4	10.0	20350	1750.0	16QAM	1@49	see graph	PASS
4	10.0	20350	1750.0	16QAM	50@0	see graph	PASS
4	15.0	20025	1717.5	QPSK	1@0	see graph	PASS
4	15.0	20025	1717.5	QPSK	1@74	see graph	PASS
4	15.0	20025	1717.5	QPSK	75@0	see graph	PASS
4	15.0	20025	1717.5	16QAM	1@0	see graph	PASS
4	15.0	20025	1717.5	16QAM	1@74	see graph	PASS
4	15.0	20025	1717.5	16QAM	75@0	see graph	PASS
4	15.0	20325	1747.5	QPSK	1@0	see graph	PASS
4	15.0	20325	1747.5	QPSK	1@74	see graph	PASS
4	15.0	20325	1747.5	QPSK	75@0	see graph	PASS
4	15.0	20325	1747.5	16QAM	1@0	see graph	PASS
4	15.0	20325	1747.5	16QAM	1@74	see graph	PASS
4	15.0	20325	1747.5	16QAM	75@0	see graph	PASS
4	20.0	20050	1720.0	QPSK	1@0	see graph	PASS
4	20.0	20050	1720.0	QPSK	1@99	see graph	PASS
4	20.0	20050	1720.0	QPSK	100@0	see graph	PASS
4	20.0	20050	1720.0	16QAM	1@0	see graph	PASS
4	20.0	20050	1720.0	16QAM	1@99	see graph	PASS
4	20.0	20050	1720.0	16QAM	100@0	see graph	PASS
4	20.0	20300	1745.0	QPSK	1@0	see graph	PASS
4	20.0	20300	1745.0	QPSK	1@99	see graph	PASS
4	20.0	20300	1745.0	QPSK	100@0	see graph	PASS
4	20.0	20300	1745.0	16QAM	1@0	see graph	PASS
4	20.0	20300	1745.0	16QAM	1@99	see graph	PASS
4	20.0	20300	1745.0	16QAM	100@0	see graph	PASS

Test Graphs

