

Appendix I test data

I1.Transmitter Conducted Output Power And ERP/EIRP

Band	BW (MHz)	CH	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP (dBm)	ERP(Limit) (dBm)	Verdict
26	1.4	26697	814.7	QPSK	1@0	21.93	17.28	50	PASS
26	1.4	26697	814.7	QPSK	1@2	21.95	17.3	50	PASS
26	1.4	26697	814.7	QPSK	1@5	21.51	16.86	50	PASS
26	1.4	26697	814.7	QPSK	3@0	21.76	17.11	50	PASS
26	1.4	26697	814.7	QPSK	3@1	21.20	16.55	50	PASS
26	1.4	26697	814.7	QPSK	3@2	21.66	17.01	50	PASS
26	1.4	26697	814.7	QPSK	6@0	20.11	15.46	50	PASS
26	1.4	26697	814.7	16QAM	1@0	21.99	17.34	50	PASS
26	1.4	26697	814.7	16QAM	1@2	22.16	17.51	50	PASS
26	1.4	26697	814.7	16QAM	1@5	21.80	17.15	50	PASS
26	1.4	26697	814.7	16QAM	3@0	21.21	16.56	50	PASS
26	1.4	26697	814.7	16QAM	3@1	20.77	16.12	50	PASS
26	1.4	26697	814.7	16QAM	3@2	21.03	16.38	50	PASS
26	1.4	26697	814.7	16QAM	6@0	19.93	15.28	50	PASS
26	1.4	26697	814.7	64QAM	6@0	20.11	15.46	50	PASS
26	1.4	26740	819.0	QPSK	1@0	21.66	17.01	50	PASS
26	1.4	26740	819.0	QPSK	1@2	22.13	17.48	50	PASS
26	1.4	26740	819.0	QPSK	1@5	22.18	17.53	50	PASS
26	1.4	26740	819.0	QPSK	3@0	21.28	16.63	50	PASS
26	1.4	26740	819.0	QPSK	3@1	21.80	17.15	50	PASS
26	1.4	26740	819.0	QPSK	3@2	21.99	17.34	50	PASS
26	1.4	26740	819.0	QPSK	6@0	20.41	15.76	50	PASS
26	1.4	26740	819.0	16QAM	1@0	22.25	17.6	50	PASS
26	1.4	26740	819.0	16QAM	1@2	23.41	18.76	50	PASS
26	1.4	26740	819.0	16QAM	1@5	23.15	18.5	50	PASS
26	1.4	26740	819.0	16QAM	3@0	21.24	16.59	50	PASS
26	1.4	26740	819.0	16QAM	3@1	21.14	16.49	50	PASS
26	1.4	26740	819.0	16QAM	3@2	21.46	16.81	50	PASS
26	1.4	26740	819.0	16QAM	6@0	20.04	15.39	50	PASS
26	1.4	26783	823.3	QPSK	1@0	21.53	16.88	50	PASS
26	1.4	26783	823.3	QPSK	1@2	21.91	17.26	50	PASS
26	1.4	26783	823.3	QPSK	1@5	22.19	17.54	50	PASS
26	1.4	26783	823.3	QPSK	3@0	21.75	17.1	50	PASS
26	1.4	26783	823.3	QPSK	3@1	21.42	16.77	50	PASS
26	1.4	26783	823.3	QPSK	3@2	21.91	17.26	50	PASS

26	1.4	26783	823.3	QPSK	6@0	19.77	15.12	50	PASS
26	1.4	26783	823.3	16QAM	1@0	21.72	17.07	50	PASS
26	1.4	26783	823.3	16QAM	1@2	21.86	17.21	50	PASS
26	1.4	26783	823.3	16QAM	1@5	22.88	18.23	50	PASS
26	1.4	26783	823.3	16QAM	3@0	21.07	16.42	50	PASS
26	1.4	26783	823.3	16QAM	3@1	21.48	16.83	50	PASS
26	1.4	26783	823.3	16QAM	3@2	20.61	15.96	50	PASS
26	1.4	26783	823.3	16QAM	6@0	20.49	15.84	50	PASS
26	3.0	26705	815.5	QPSK	1@0	22.16	17.51	50	PASS
26	3.0	26705	815.5	QPSK	1@7	21.70	17.05	50	PASS
26	3.0	26705	815.5	QPSK	1@14	22.30	17.65	50	PASS
26	3.0	26705	815.5	QPSK	8@0	20.20	15.55	50	PASS
26	3.0	26705	815.5	QPSK	8@4	20.40	15.75	50	PASS
26	3.0	26705	815.5	QPSK	8@7	20.12	15.47	50	PASS
26	3.0	26705	815.5	QPSK	15@0	20.54	15.89	50	PASS
26	3.0	26705	815.5	16QAM	1@0	22.59	17.94	50	PASS
26	3.0	26705	815.5	16QAM	1@7	22.17	17.52	50	PASS
26	3.0	26705	815.5	16QAM	1@14	21.88	17.23	50	PASS
26	3.0	26705	815.5	16QAM	8@0	20.18	15.53	50	PASS
26	3.0	26705	815.5	16QAM	8@4	20.01	15.36	50	PASS
26	3.0	26705	815.5	16QAM	8@7	20.65	16	50	PASS
26	3.0	26705	815.5	16QAM	15@0	19.96	15.31	50	PASS
26	3.0	26740	819.0	QPSK	1@0	22.46	17.81	50	PASS
26	3.0	26740	819.0	QPSK	1@7	22.38	17.73	50	PASS
26	3.0	26740	819.0	QPSK	1@14	22.30	17.65	50	PASS
26	3.0	26740	819.0	QPSK	8@0	20.55	15.9	50	PASS
26	3.0	26740	819.0	QPSK	8@4	20.17	15.52	50	PASS
26	3.0	26740	819.0	QPSK	8@7	20.09	15.44	50	PASS
26	3.0	26740	819.0	QPSK	15@0	19.87	15.22	50	PASS
26	3.0	26740	819.0	16QAM	1@0	22.65	18	50	PASS
26	3.0	26740	819.0	16QAM	1@7	22.70	18.05	50	PASS
26	3.0	26740	819.0	16QAM	1@14	23.36	18.71	50	PASS
26	3.0	26740	819.0	16QAM	8@0	20.32	15.67	50	PASS
26	3.0	26740	819.0	16QAM	8@4	20.34	15.69	50	PASS
26	3.0	26740	819.0	16QAM	8@7	20.08	15.43	50	PASS
26	3.0	26740	819.0	16QAM	15@0	20.56	15.91	50	PASS
26	3.0	26775	822.5	QPSK	1@0	21.49	16.84	50	PASS
26	3.0	26775	822.5	QPSK	1@7	21.57	16.92	50	PASS
26	3.0	26775	822.5	QPSK	1@14	21.64	16.99	50	PASS
26	3.0	26775	822.5	QPSK	8@0	19.66	15.01	50	PASS
26	3.0	26775	822.5	QPSK	8@4	20.18	15.53	50	PASS
26	3.0	26775	822.5	QPSK	8@7	20.28	15.63	50	PASS
26	3.0	26775	822.5	QPSK	15@0	20.35	15.7	50	PASS

26	3.0	26775	822.5	16QAM	1@0	21.91	17.26	50	PASS
26	3.0	26775	822.5	16QAM	1@7	21.97	17.32	50	PASS
26	3.0	26775	822.5	16QAM	1@14	21.13	16.48	50	PASS
26	3.0	26775	822.5	16QAM	8@0	20.43	15.78	50	PASS
26	3.0	26775	822.5	16QAM	8@4	20.39	15.74	50	PASS
26	3.0	26775	822.5	16QAM	8@7	20.64	15.99	50	PASS
26	3.0	26775	822.5	16QAM	15@0	20.55	15.9	50	PASS
26	5.0	26715	816.5	QPSK	1@0	21.81	17.16	50	PASS
26	5.0	26715	816.5	QPSK	1@12	21.56	16.91	50	PASS
26	5.0	26715	816.5	QPSK	1@24	21.73	17.08	50	PASS
26	5.0	26715	816.5	QPSK	12@0	19.80	15.15	50	PASS
26	5.0	26715	816.5	QPSK	12@6	19.94	15.29	50	PASS
26	5.0	26715	816.5	QPSK	12@11	19.67	15.02	50	PASS
26	5.0	26715	816.5	QPSK	25@0	20.09	15.44	50	PASS
26	5.0	26715	816.5	16QAM	1@0	21.51	16.86	50	PASS
26	5.0	26715	816.5	16QAM	1@12	21.21	16.56	50	PASS
26	5.0	26715	816.5	16QAM	1@24	21.16	16.51	50	PASS
26	5.0	26715	816.5	16QAM	12@0	20.16	15.51	50	PASS
26	5.0	26715	816.5	16QAM	12@6	19.92	15.27	50	PASS
26	5.0	26715	816.5	16QAM	12@11	20.66	16.01	50	PASS
26	5.0	26715	816.5	16QAM	25@0	20.39	15.74	50	PASS
26	5.0	26740	819.0	QPSK	1@0	22.71	18.06	50	PASS
26	5.0	26740	819.0	QPSK	1@12	22.27	17.62	50	PASS
26	5.0	26740	819.0	QPSK	1@24	22.70	18.05	50	PASS
26	5.0	26740	819.0	QPSK	12@0	20.19	15.54	50	PASS
26	5.0	26740	819.0	QPSK	12@6	19.68	15.03	50	PASS
26	5.0	26740	819.0	QPSK	12@11	20.48	15.83	50	PASS
26	5.0	26740	819.0	QPSK	25@0	19.88	15.23	50	PASS
26	5.0	26740	819.0	16QAM	1@0	22.31	17.66	50	PASS
26	5.0	26740	819.0	16QAM	1@12	22.52	17.87	50	PASS
26	5.0	26740	819.0	16QAM	1@24	22.39	17.74	50	PASS
26	5.0	26740	819.0	16QAM	12@0	20.42	15.77	50	PASS
26	5.0	26740	819.0	16QAM	12@6	19.81	15.16	50	PASS
26	5.0	26740	819.0	16QAM	12@11	20.56	15.91	50	PASS
26	5.0	26740	819.0	16QAM	25@0	20.75	16.1	50	PASS
26	5.0	26765	821.5	QPSK	1@0	22.04	17.39	50	PASS
26	5.0	26765	821.5	QPSK	1@12	21.65	17	50	PASS
26	5.0	26765	821.5	QPSK	1@24	21.87	17.22	50	PASS
26	5.0	26765	821.5	QPSK	12@0	20.21	15.56	50	PASS
26	5.0	26765	821.5	QPSK	12@6	20.72	16.07	50	PASS
26	5.0	26765	821.5	QPSK	12@11	19.86	15.21	50	PASS
26	5.0	26765	821.5	QPSK	25@0	19.96	15.31	50	PASS
26	5.0	26765	821.5	16QAM	1@0	22.30	17.65	50	PASS

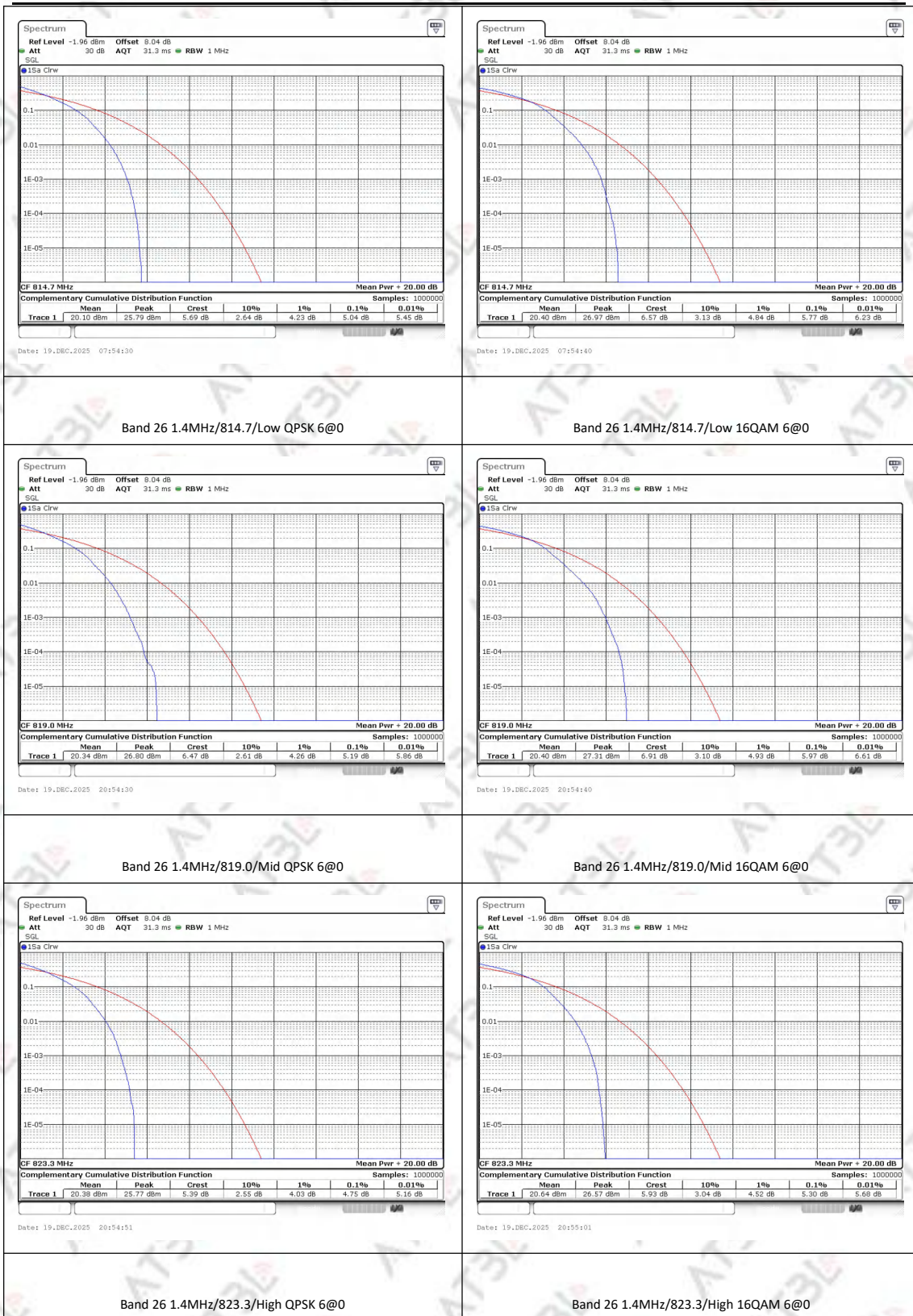


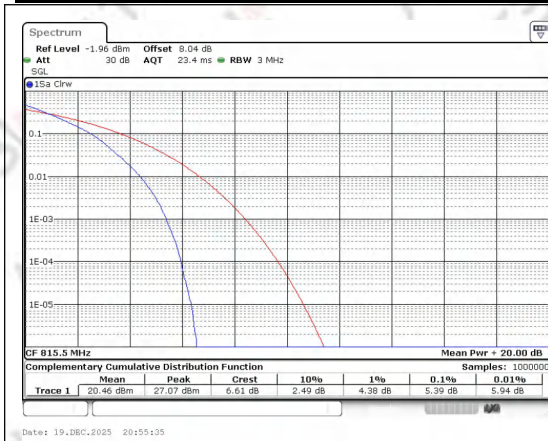
Report No.:SHATBL2602003W08

26	5.0	26765	821.5	16QAM	1@12	21.39	16.74	50	PASS
26	5.0	26765	821.5	16QAM	1@24	21.75	17.1	50	PASS
26	5.0	26765	821.5	16QAM	12@0	19.93	15.28	50	PASS
26	5.0	26765	821.5	16QAM	12@6	20.51	15.86	50	PASS
26	5.0	26765	821.5	16QAM	12@11	20.24	15.59	50	PASS
26	5.0	26765	821.5	16QAM	25@0	19.82	15.17	50	PASS
26	10.0	26740	819.0	QPSK	1@0	22.33	17.68	50	PASS
26	10.0	26740	819.0	QPSK	1@24	22.16	17.51	50	PASS
26	10.0	26740	819.0	QPSK	1@49	22.43	17.78	50	PASS
26	10.0	26740	819.0	QPSK	25@0	20.91	16.26	50	PASS
26	10.0	26740	819.0	QPSK	25@12	20.94	16.29	50	PASS
26	10.0	26740	819.0	QPSK	25@24	20.68	16.03	50	PASS
26	10.0	26740	819.0	QPSK	50@0	20.23	15.58	50	PASS
26	10.0	26740	819.0	16QAM	1@0	21.93	17.28	50	PASS
26	10.0	26740	819.0	16QAM	1@24	23.01	18.36	50	PASS
26	10.0	26740	819.0	16QAM	1@49	22.61	17.96	50	PASS
26	10.0	26740	819.0	16QAM	25@0	20.58	15.93	50	PASS
26	10.0	26740	819.0	16QAM	25@12	20.65	16	50	PASS
26	10.0	26740	819.0	16QAM	25@24	20.28	15.63	50	PASS
26	10.0	26740	819.0	16QAM	50@0	20.85	16.2	50	PASS
26	10.0	26740	819.0	QPSK	1@0	21.83	17.18	50	PASS
26	10.0	26740	819.0	QPSK	1@24	22.26	17.61	50	PASS
26	10.0	26740	819.0	QPSK	1@49	21.91	17.26	50	PASS
26	10.0	26740	819.0	QPSK	25@0	20.78	16.13	50	PASS
26	10.0	26740	819.0	QPSK	25@12	20.97	16.32	50	PASS
26	10.0	26740	819.0	QPSK	25@24	20.60	15.95	50	PASS
26	10.0	26740	819.0	QPSK	50@0	21.16	16.51	50	PASS
26	10.0	26740	819.0	16QAM	1@0	22.24	17.59	50	PASS
26	10.0	26740	819.0	16QAM	1@24	22.49	17.84	50	PASS
26	10.0	26740	819.0	16QAM	1@49	22.16	17.51	50	PASS
26	10.0	26740	819.0	16QAM	25@0	21.01	16.36	50	PASS
26	10.0	26740	819.0	16QAM	25@12	20.98	16.33	50	PASS
26	10.0	26740	819.0	16QAM	25@24	21.08	16.43	50	PASS
26	10.0	26740	819.0	16QAM	50@0	20.81	16.16	50	PASS

I2.Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	1.4	26697	814.7	QPSK	6@0	5.04	13	PASS
26	1.4	26697	814.7	16QAM	6@0	5.77	13	PASS
26	1.4	26740	819.0	QPSK	6@0	5.19	13	PASS
26	1.4	26740	819.0	16QAM	6@0	5.97	13	PASS
26	1.4	26783	823.3	QPSK	6@0	4.75	13	PASS
26	1.4	26783	823.3	16QAM	6@0	5.3	13	PASS
26	3.0	26705	815.5	QPSK	15@0	5.39	13	PASS
26	3.0	26705	815.5	16QAM	15@0	6.0	13	PASS
26	3.0	26740	819.0	QPSK	15@0	5.36	13	PASS
26	3.0	26740	819.0	16QAM	15@0	6.06	13	PASS
26	3.0	26775	822.5	QPSK	15@0	4.96	13	PASS
26	3.0	26775	822.5	16QAM	15@0	5.51	13	PASS
26	5.0	26715	816.5	QPSK	25@0	5.42	13	PASS
26	5.0	26715	816.5	16QAM	25@0	6.09	13	PASS
26	5.0	26740	819.0	QPSK	25@0	5.36	13	PASS
26	5.0	26740	819.0	16QAM	25@0	5.97	13	PASS
26	5.0	26765	821.5	QPSK	25@0	5.13	13	PASS
26	5.0	26765	821.5	16QAM	25@0	5.71	13	PASS
26	10.0	26740	819.0	QPSK	50@0	5.19	13	PASS
26	10.0	26740	819.0	16QAM	50@0	5.8	13	PASS
26	10.0	26740	819.0	QPSK	50@0	5.19	13	PASS
26	10.0	26740	819.0	16QAM	50@0	5.8	13	PASS

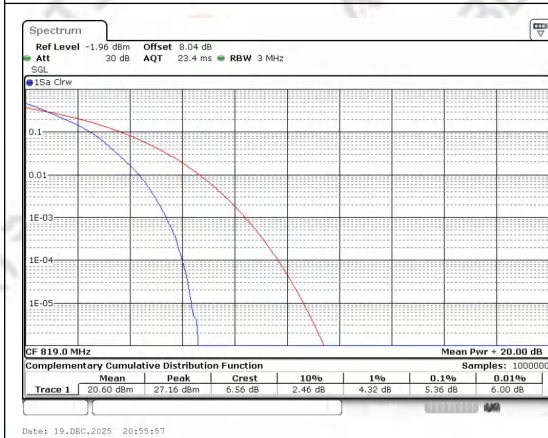




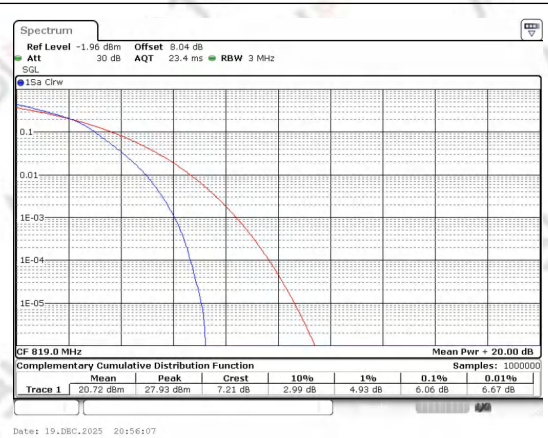
Band 26 3MHz/815.5/Low QPSK 15@0



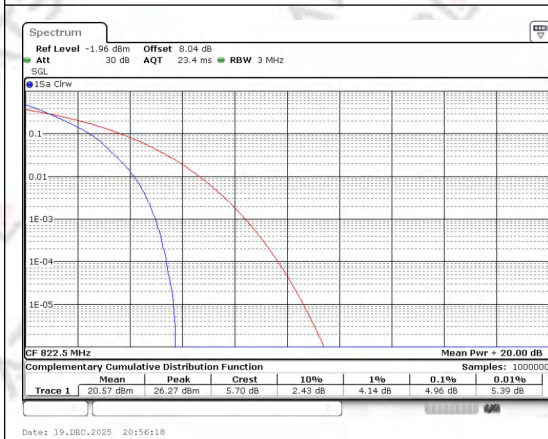
Band 26 3MHz/815.5/Low 16QAM 15@0



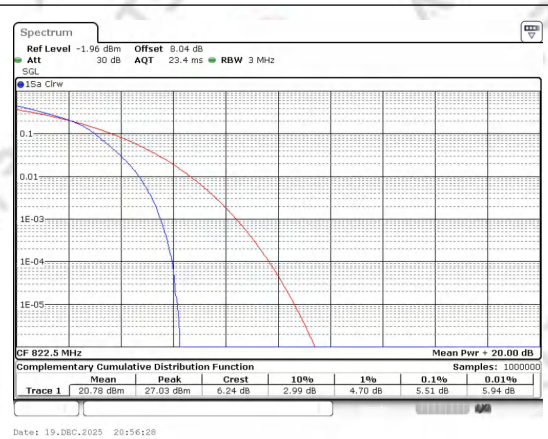
Band 26 3MHz/819.0/Mid QPSK 15@0



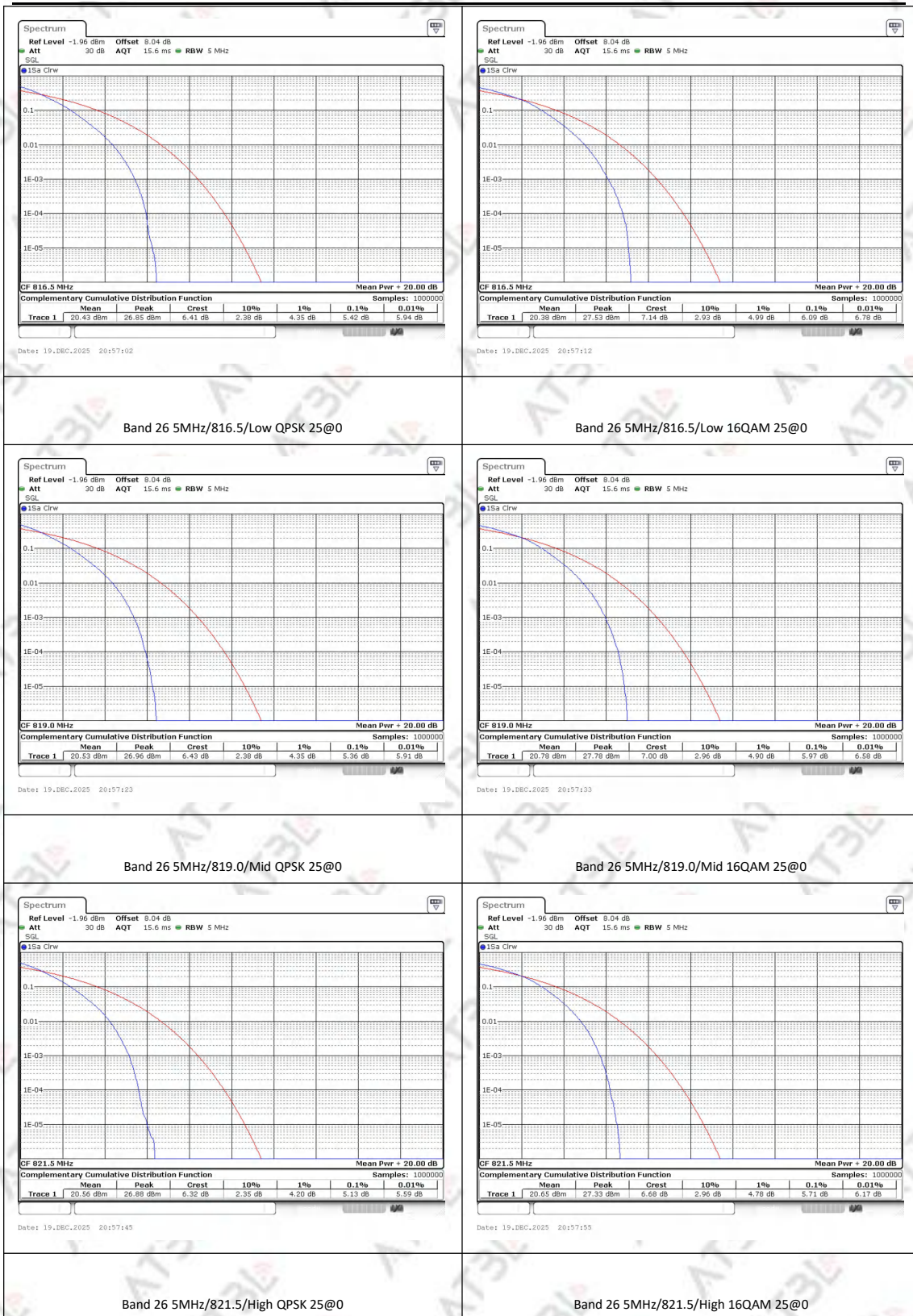
Band 26 3MHz/819.0/Mid 16QAM 15@0

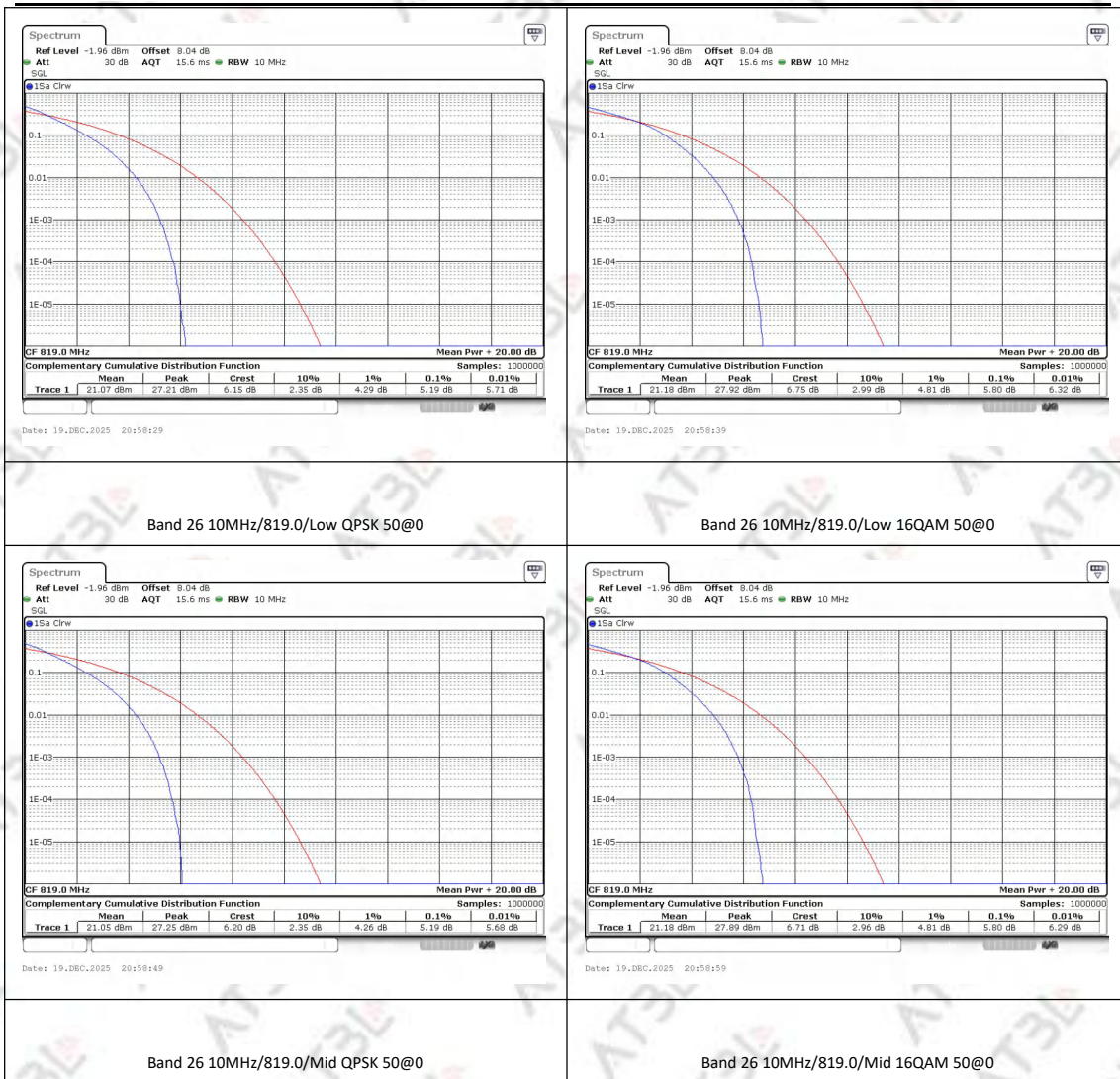


Band 26 3MHz/822.5/High QPSK 15@0



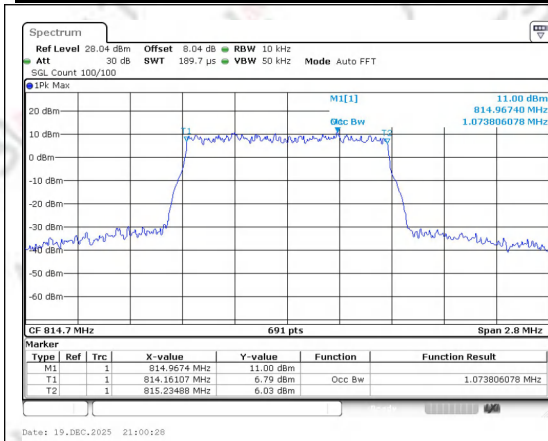
Band 26 3MHz/822.5/High 16QAM 15@0





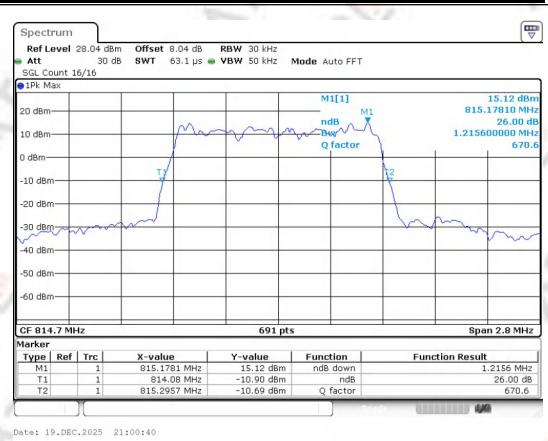
I3.Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
26	1.4	26697	814.7	QPSK	6@0	1.0738	1.216	PASS
26	1.4	26697	814.7	16QAM	6@0	1.0779	1.228	PASS
26	1.4	26740	819.0	QPSK	6@0	1.0779	1.232	PASS
26	1.4	26740	819.0	16QAM	6@0	1.0738	1.224	PASS
26	1.4	26783	823.3	QPSK	6@0	1.0698	1.220	PASS
26	1.4	26783	823.3	16QAM	6@0	1.0819	1.240	PASS
26	3.0	26705	815.5	QPSK	15@0	2.6831	2.796	PASS
26	3.0	26705	815.5	16QAM	15@0	2.6744	3.004	PASS
26	3.0	26740	819.0	QPSK	15@0	2.6831	2.996	PASS
26	3.0	26740	819.0	16QAM	15@0	2.6831	2.926	PASS
26	3.0	26775	822.5	QPSK	15@0	2.7004	2.978	PASS
26	3.0	26775	822.5	16QAM	15@0	2.6918	2.805	PASS
26	5.0	26715	816.5	QPSK	25@0	4.4863	4.906	PASS
26	5.0	26715	816.5	16QAM	25@0	4.4718	4.906	PASS
26	5.0	26740	819.0	QPSK	25@0	4.4573	5.022	PASS
26	5.0	26740	819.0	16QAM	25@0	4.4863	4.718	PASS
26	5.0	26765	821.5	QPSK	25@0	4.4718	4.718	PASS
26	5.0	26765	821.5	16QAM	25@0	4.4573	4.877	PASS
26	10.0	26740	819.0	QPSK	50@0	8.9436	9.465	PASS
26	10.0	26740	819.0	16QAM	50@0	8.9725	9.580	PASS
26	10.0	26740	819.0	QPSK	50@0	8.9436	9.667	PASS
26	10.0	26740	819.0	16QAM	50@0	8.9725	9.812	PASS



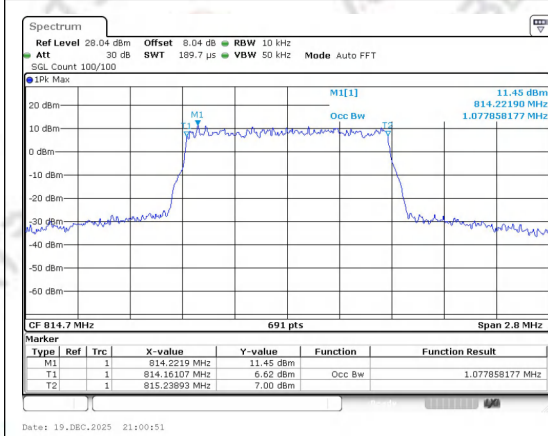
99%OBW

Band 26 1.4MHz/814.7/Low QPSK 6@0



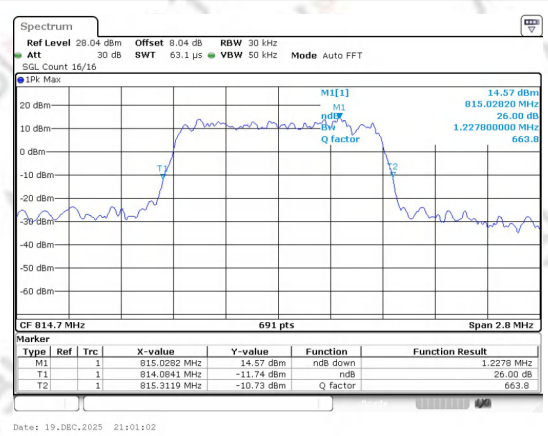
26%OBW

Band 26 1.4MHz/814.7/Low QPSK 6@0



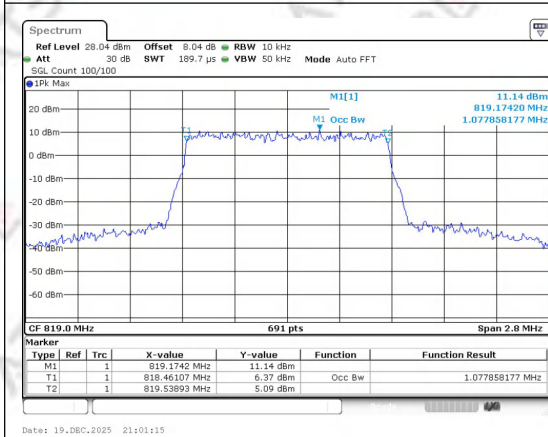
99%OBW

Band 26 1.4MHz/814.7/Low 16QAM 6@0



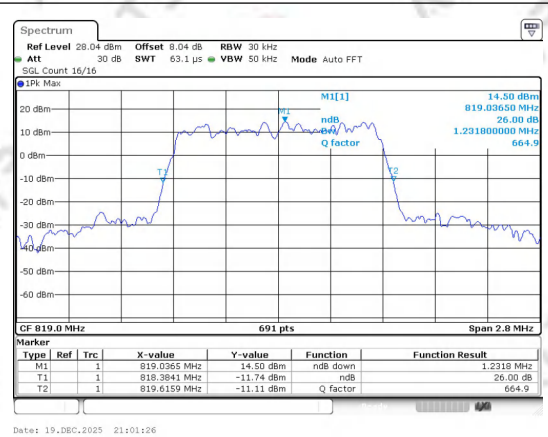
26%OBW

Band 26 1.4MHz/814.7/Low 16QAM 6@0



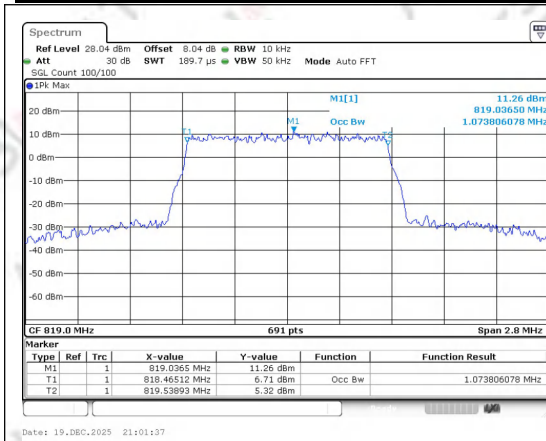
99%OBW

Band 26 1.4MHz/819.0/Mid QPSK 6@0



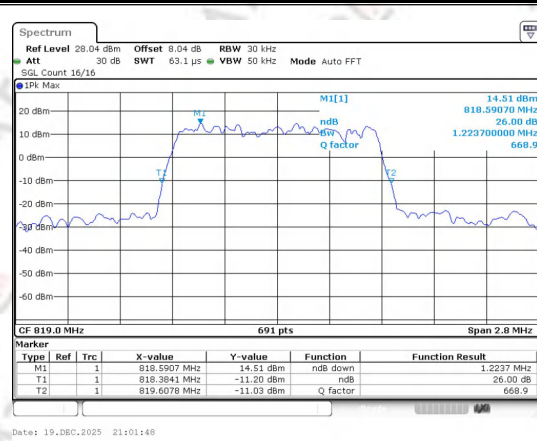
26%OBW

Band 26 1.4MHz/819.0/Mid QPSK 6@0



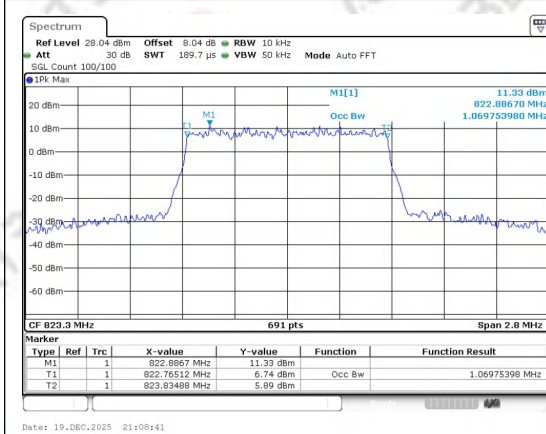
99%OBW

Band 26 1.4MHz/819.0/Mid 16QAM 6@0



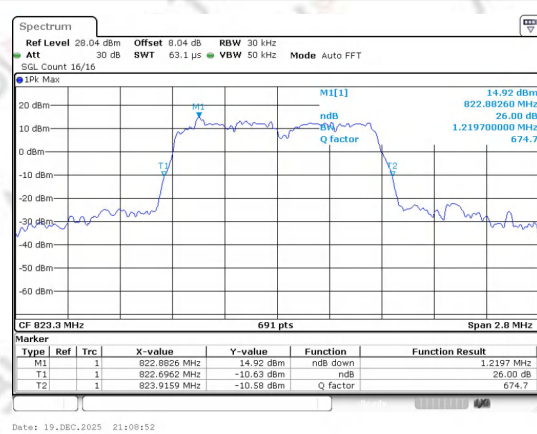
26%OBW

Band 26 1.4MHz/819.0/Mid 16QAM 6@0



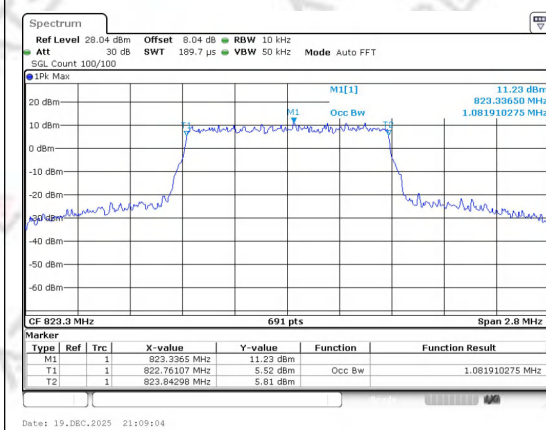
99%OBW

Band 26 1.4MHz/823.3/High QPSK 6@0



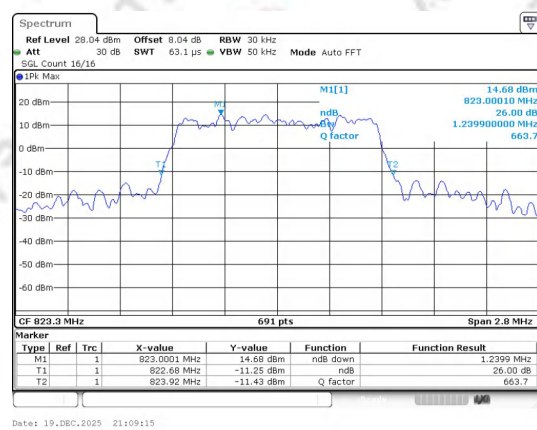
26%OBW

Band 26 1.4MHz/823.3/High QPSK 6@0



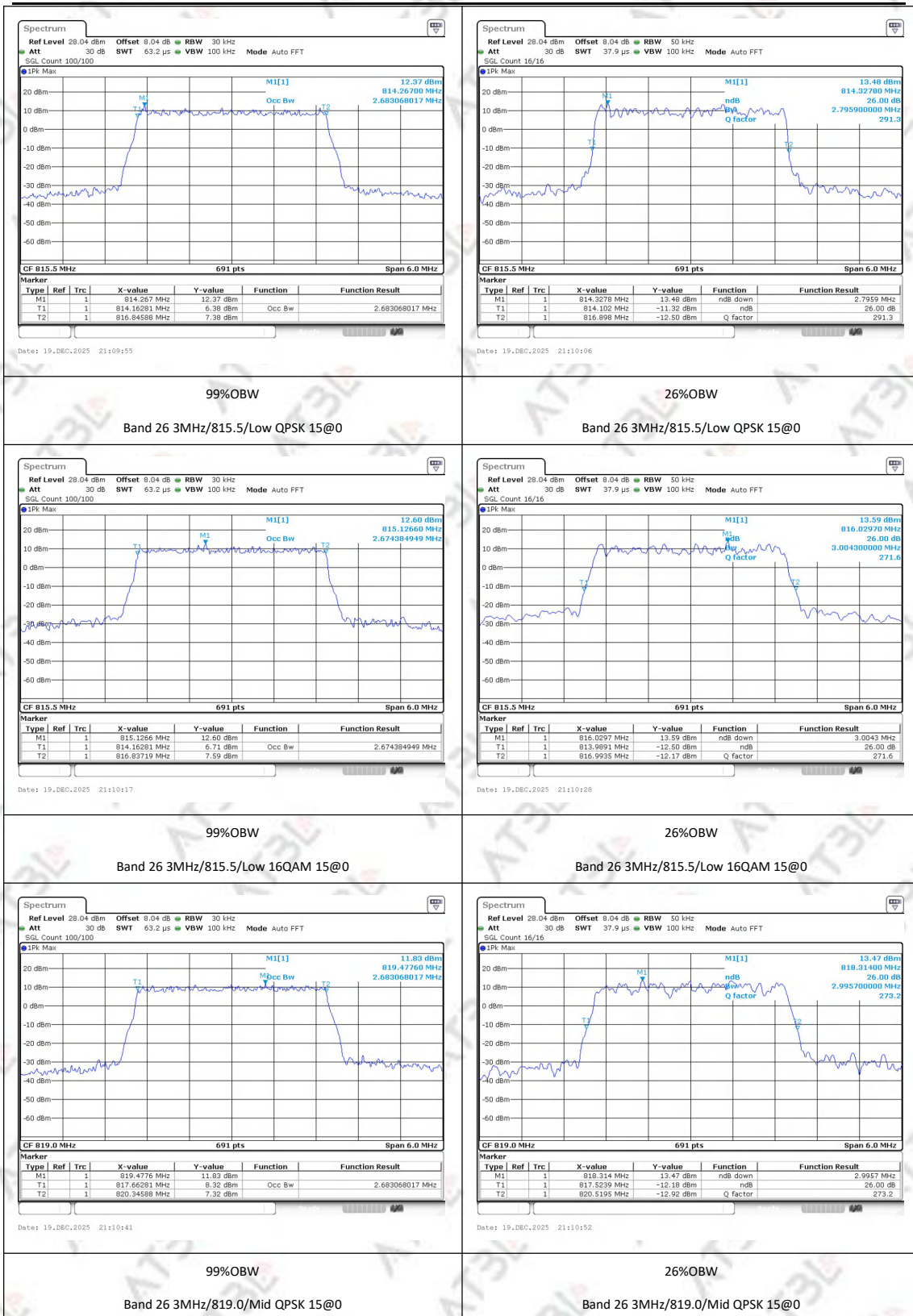
99%OBW

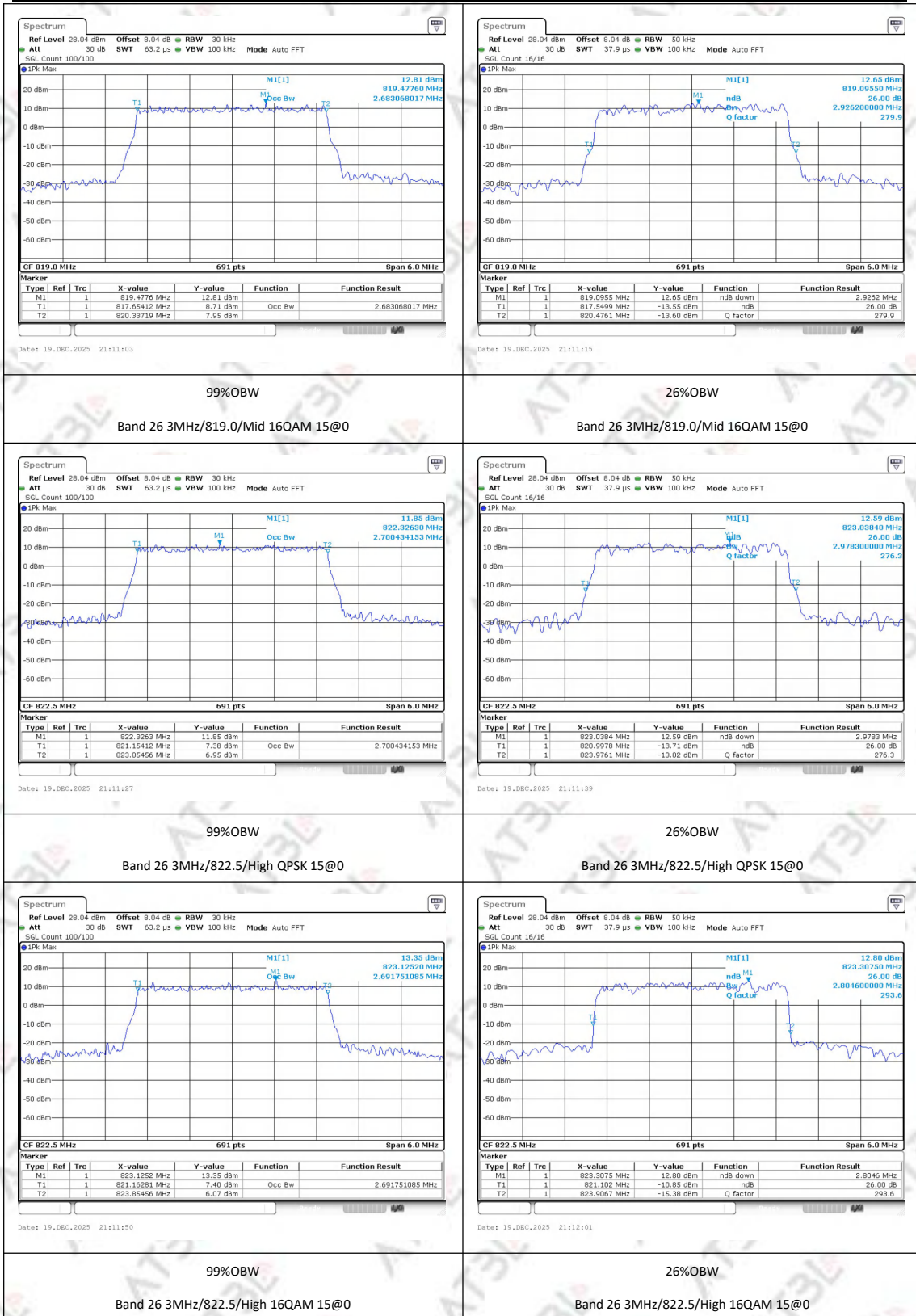
Band 26 1.4MHz/823.3/High 16QAM 6@0

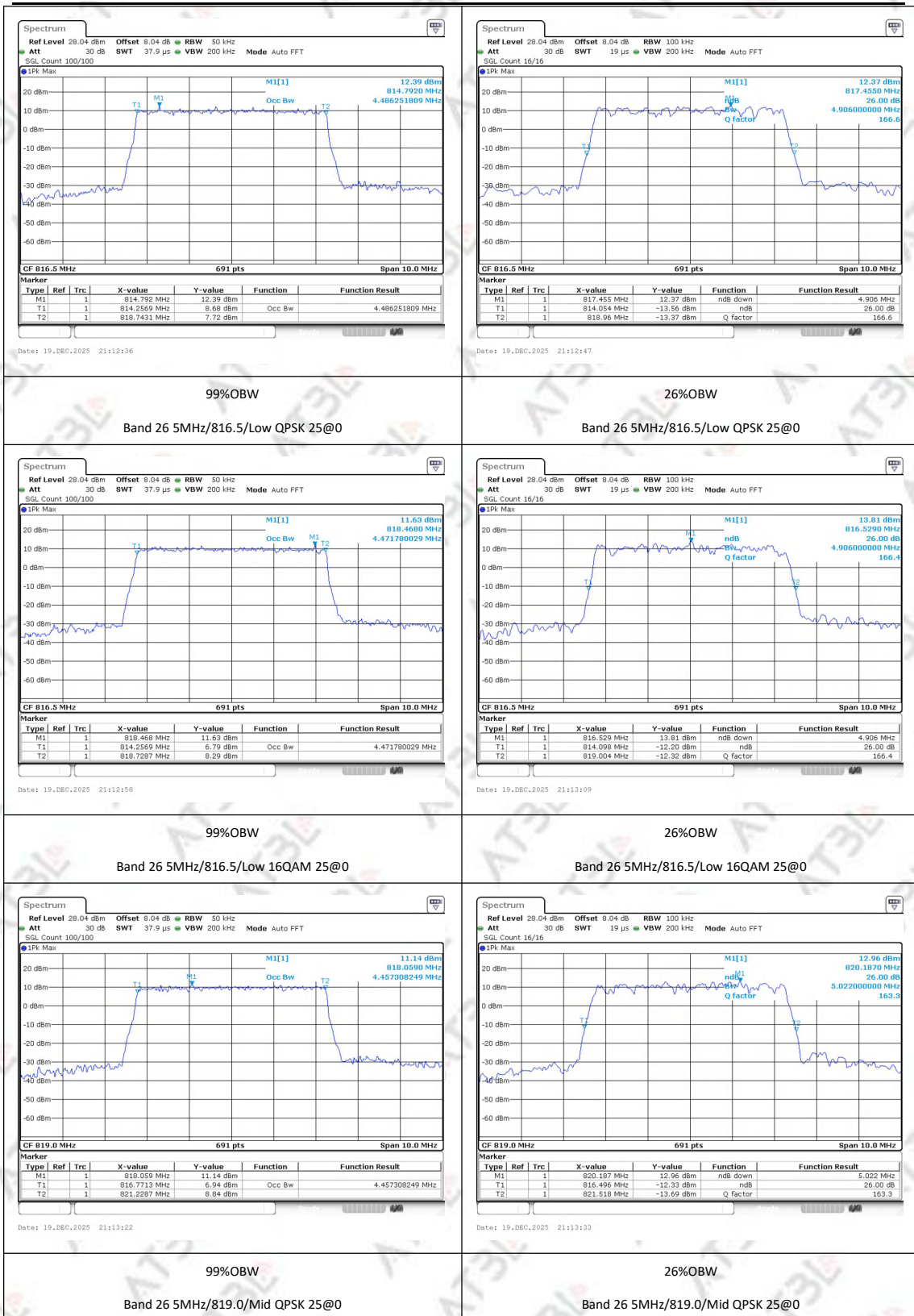


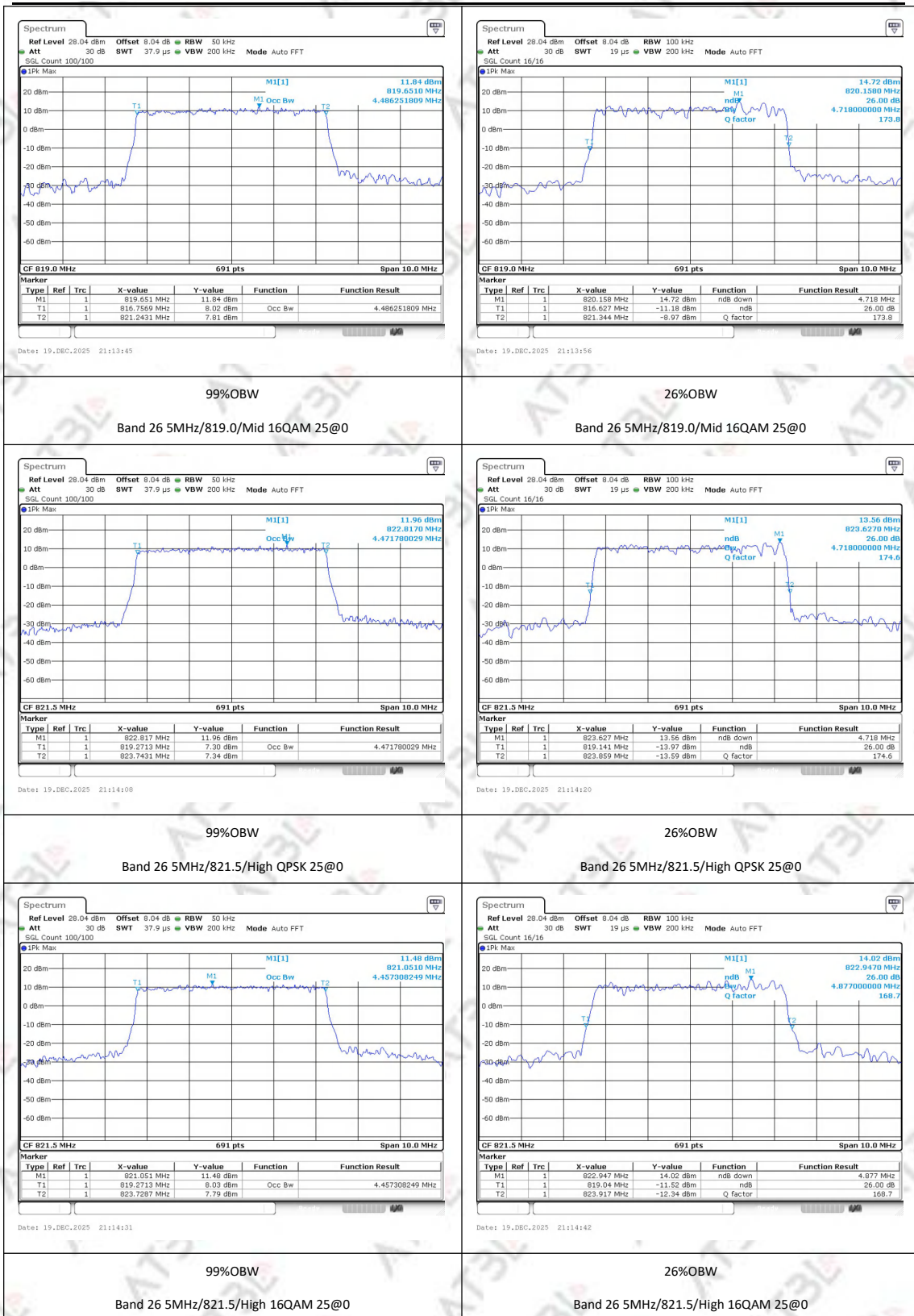
26%OBW

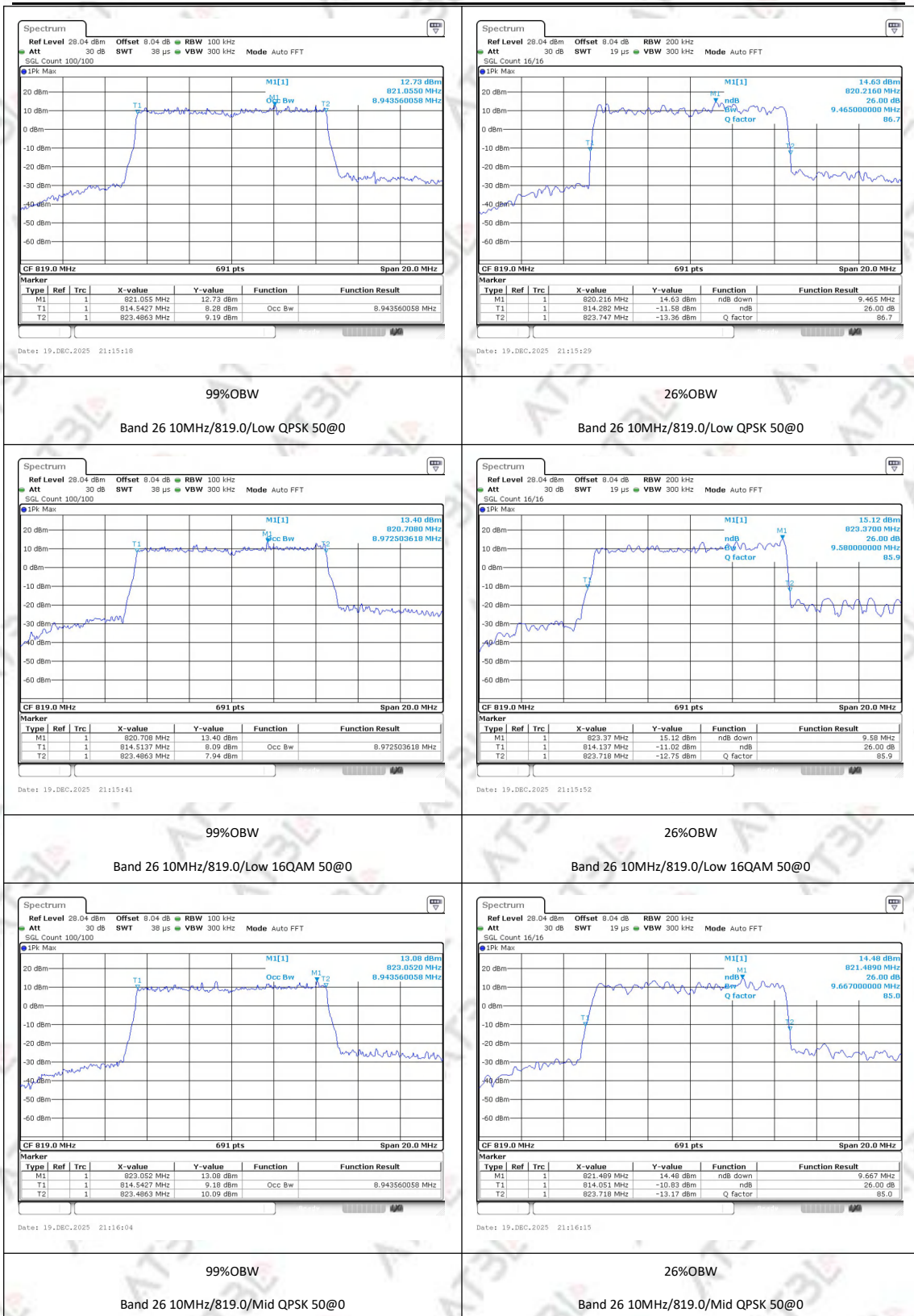
Band 26 1.4MHz/823.3/High 16QAM 6@0

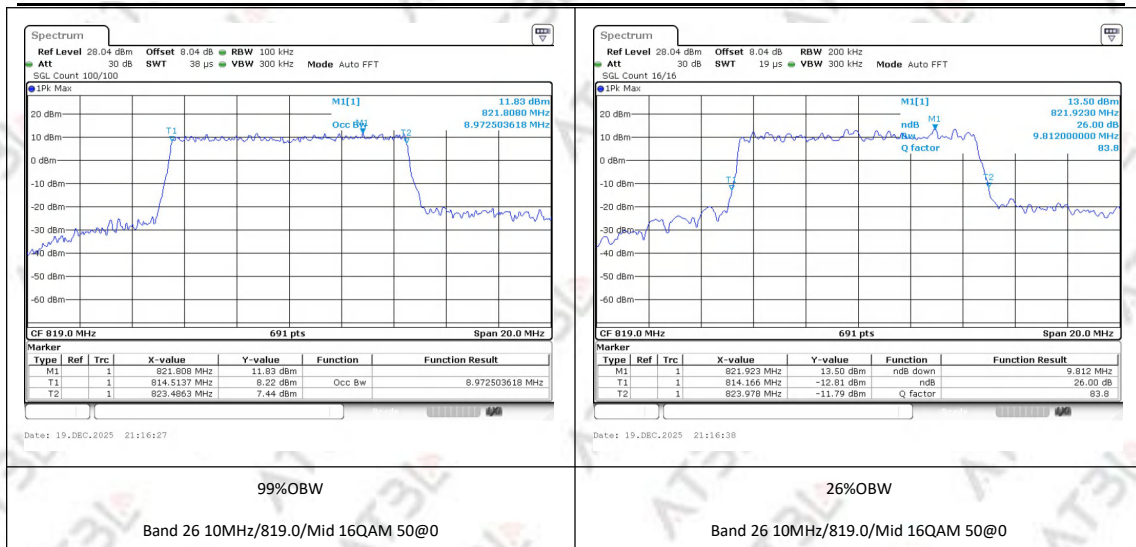












I4.Conducted Band Edge

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
26	1.4	26697	814.7	QPSK	1@0	see graph	PASS
26	1.4	26697	814.7	QPSK	1@5	see graph	PASS
26	1.4	26697	814.7	QPSK	6@0	see graph	PASS
26	1.4	26697	814.7	16QAM	1@0	see graph	PASS
26	1.4	26697	814.7	16QAM	1@5	see graph	PASS
26	1.4	26697	814.7	16QAM	6@0	see graph	PASS
26	1.4	26783	823.3	QPSK	1@0	see graph	PASS
26	1.4	26783	823.3	QPSK	1@5	see graph	PASS
26	1.4	26783	823.3	QPSK	6@0	see graph	PASS
26	1.4	26783	823.3	16QAM	1@0	see graph	PASS
26	1.4	26783	823.3	16QAM	1@5	see graph	PASS
26	1.4	26783	823.3	16QAM	6@0	see graph	PASS
26	3.0	26705	815.5	QPSK	1@0	see graph	PASS
26	3.0	26705	815.5	QPSK	1@14	see graph	PASS
26	3.0	26705	815.5	QPSK	15@0	see graph	PASS
26	3.0	26705	815.5	16QAM	1@0	see graph	PASS
26	3.0	26705	815.5	16QAM	1@14	see graph	PASS
26	3.0	26705	815.5	16QAM	15@0	see graph	PASS
26	3.0	26775	822.5	QPSK	1@0	see graph	PASS
26	3.0	26775	822.5	QPSK	1@14	see graph	PASS
26	3.0	26775	822.5	QPSK	15@0	see graph	PASS
26	3.0	26775	822.5	16QAM	1@0	see graph	PASS
26	3.0	26775	822.5	16QAM	1@14	see graph	PASS
26	3.0	26775	822.5	16QAM	15@0	see graph	PASS
26	5.0	26715	816.5	QPSK	1@0	see graph	PASS
26	5.0	26715	816.5	QPSK	1@24	see graph	PASS
26	5.0	26715	816.5	QPSK	25@0	see graph	PASS
26	5.0	26715	816.5	16QAM	1@0	see graph	PASS
26	5.0	26715	816.5	16QAM	1@24	see graph	PASS
26	5.0	26715	816.5	16QAM	25@0	see graph	PASS
26	5.0	26765	821.5	QPSK	1@0	see graph	PASS
26	5.0	26765	821.5	QPSK	1@24	see graph	PASS
26	5.0	26765	821.5	QPSK	25@0	see graph	PASS
26	5.0	26765	821.5	16QAM	1@0	see graph	PASS
26	5.0	26765	821.5	16QAM	1@24	see graph	PASS
26	5.0	26765	821.5	16QAM	25@0	see graph	PASS
26	10.0	26740	819.0	QPSK	1@0	see graph	PASS
26	10.0	26740	819.0	QPSK	1@49	see graph	PASS
26	10.0	26740	819.0	QPSK	50@0	see graph	PASS



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26	10.0	26740	819.0	16QAM	1@0	see graph	PASS
26	10.0	26740	819.0	16QAM	1@49	see graph	PASS
26	10.0	26740	819.0	16QAM	50@0	see graph	PASS

