

Appendix for LTE Band 26

Product Name: EcoFlow 4G Dongle PPS (NA)

Model No: EF HD-P2-4G-S1

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.28	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.39	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.50	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.90	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.36	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.48	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.15	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	21.98	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.06	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.06	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.27	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.18	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.22	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.35	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.27	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.23	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.24	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.56	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.22	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.11	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.24	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	22.19	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	23.24	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	22.14	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	23.29	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	22.18	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.35	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.27	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.52	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.52	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.38	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.65	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.35	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.47	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.14	PASS

Band26	1.4MHz	16QAM	26783	3RB#0	22.07	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.06	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	22.07	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.11	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.12	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.15	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.40	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.34	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.35	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.85	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.88	PASS
Band26	3MHz	QPSK	26705	1RB#14	24.03	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.87	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.95	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.82	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.92	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.88	PASS
Band26	3MHz	QPSK	26705	8RB#7	23.09	PASS
Band26	3MHz	16QAM	26705	8RB#7	22.18	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.99	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.84	PASS
Band26	3MHz	QPSK	26740	1RB#0	23.80	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.77	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.94	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.89	PASS
Band26	3MHz	QPSK	26740	1RB#14	24.04	PASS
Band26	3MHz	16QAM	26740	1RB#14	23.10	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.94	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.92	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.95	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.93	PASS
Band26	3MHz	QPSK	26740	8RB#7	23.05	PASS
Band26	3MHz	16QAM	26740	8RB#7	22.30	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.99	PASS
Band26	3MHz	16QAM	26740	15RB#0	22.18	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.87	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.91	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.86	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.81	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.74	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.90	PASS
Band26	3MHz	QPSK	26775	8RB#0	22.99	PASS

Band26	3MHz	16QAM	26775	8RB#0	22.07	PASS
Band26	3MHz	QPSK	26775	8RB#4	23.00	PASS
Band26	3MHz	16QAM	26775	8RB#4	22.25	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.96	PASS
Band26	3MHz	16QAM	26775	8RB#7	22.12	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.95	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.97	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.65	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.46	PASS
Band26	5MHz	QPSK	26715	1RB#12	24.05	PASS
Band26	5MHz	16QAM	26715	1RB#12	23.12	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.79	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.80	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.81	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.88	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.76	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.72	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.80	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.69	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.67	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.92	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.91	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.88	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.77	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.51	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.69	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.77	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.43	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.57	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.43	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.56	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.59	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.73	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.45	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.41	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.41	PASS
Band26	5MHz	16QAM	26765	1RB#0	22.05	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.54	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.09	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.29	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.40	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.39	PASS

Band26	5MHz	16QAM	26765	12RB#0	21.48	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.31	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.39	PASS
Band26	5MHz	QPSK	26765	12RB#13	22.26	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.34	PASS
Band26	5MHz	QPSK	26765	25RB#0	22.24	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.34	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.48	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.50	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.50	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.42	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.42	PASS
Band26	10MHz	QPSK	26740	25RB#25	22.32	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.29	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.62	PASS
Band26	10MHz	16QAM	26740	1RB#24	23.09	PASS
Band26	10MHz	16QAM	26740	1RB#49	23.16	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.75	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.83	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.75	PASS

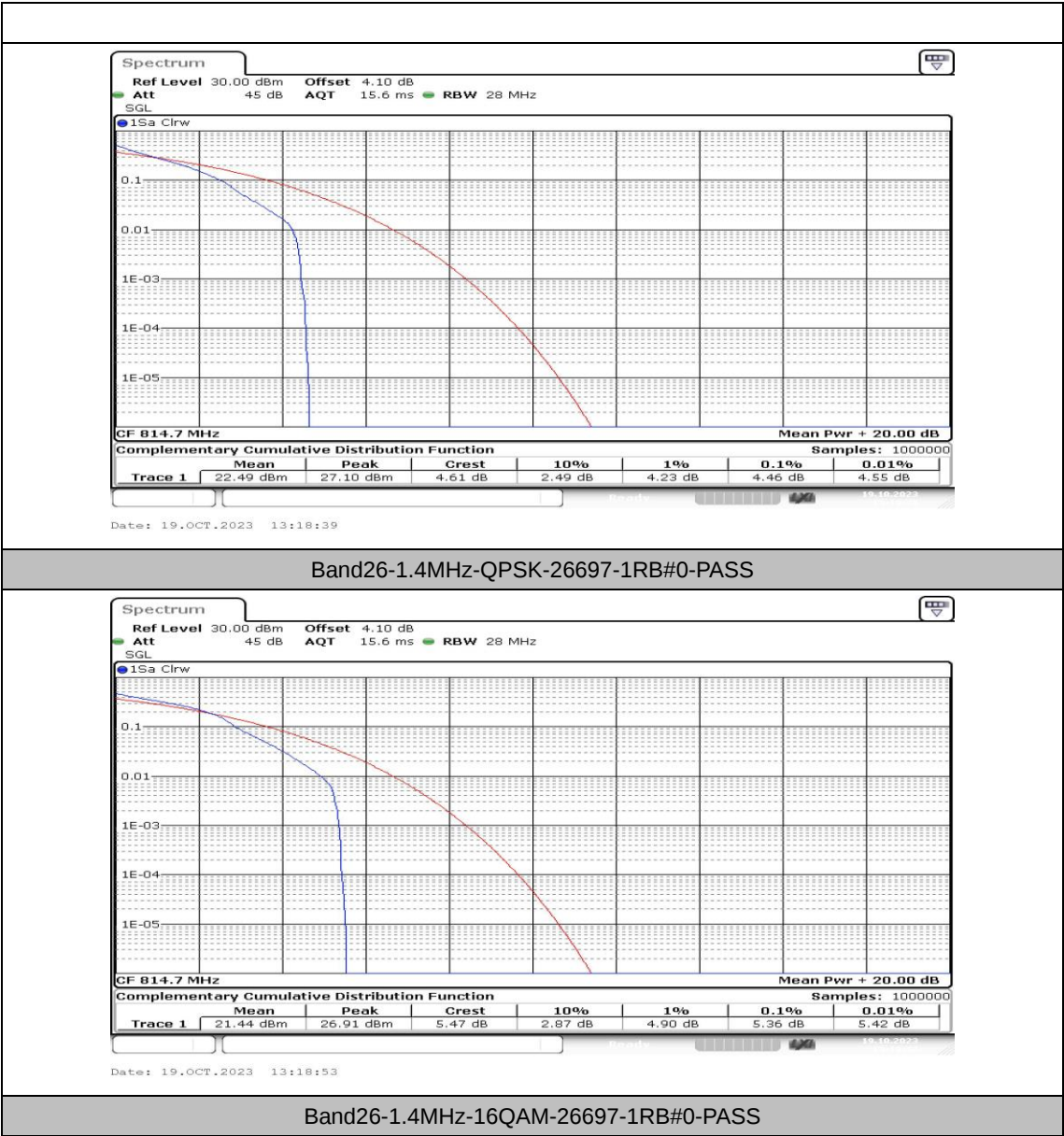
Appendix B: Peak-to-Average Ratio(CCDF)

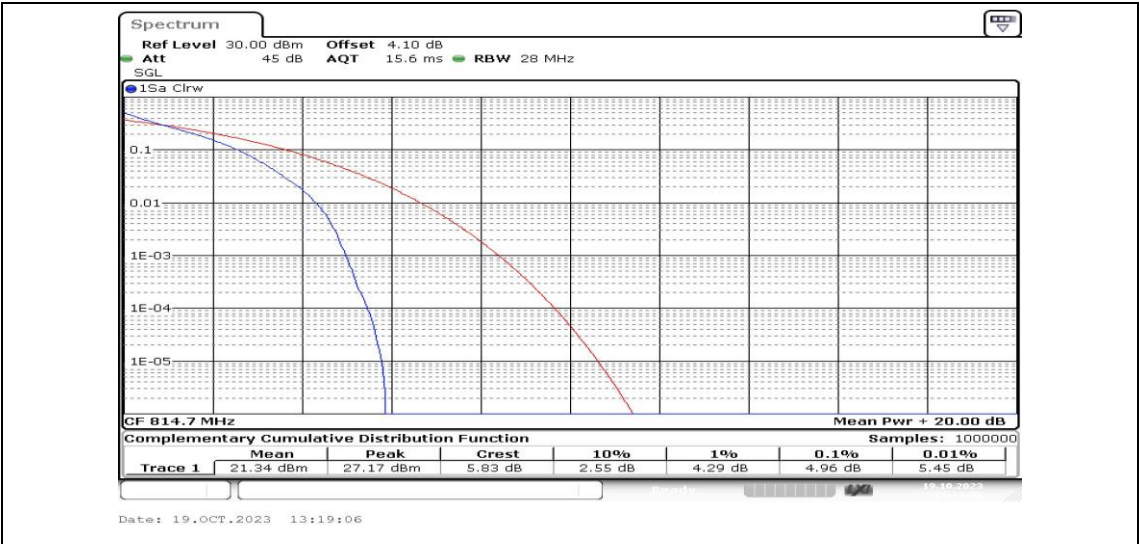
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	4.46	13	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	5.36	13	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	4.96	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	5.74	13	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	4.46	13	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	5.28	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	4.99	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	5.83	13	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	4.49	13	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	5.39	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	4.96	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	5.80	13	PASS
Band26	3MHz	QPSK	26705	1RB#0	4.49	13	PASS
Band26	3MHz	16QAM	26705	1RB#0	5.48	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	5.01	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	5.86	13	PASS
Band26	3MHz	QPSK	26740	1RB#0	4.52	13	PASS
Band26	3MHz	16QAM	26740	1RB#0	5.54	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	5.01	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	5.88	13	PASS
Band26	3MHz	QPSK	26775	1RB#0	4.49	13	PASS
Band26	3MHz	16QAM	26775	1RB#0	5.54	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	5.01	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	5.88	13	PASS
Band26	5MHz	QPSK	26715	1RB#0	4.43	13	PASS
Band26	5MHz	16QAM	26715	1RB#0	5.30	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.99	13	PASS
Band26	5MHz	16QAM	26715	25RB#0	5.77	13	PASS
Band26	5MHz	QPSK	26740	1RB#0	4.43	13	PASS
Band26	5MHz	16QAM	26740	1RB#0	5.13	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.99	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	5.77	13	PASS
Band26	5MHz	QPSK	26765	1RB#0	4.43	13	PASS
Band26	5MHz	16QAM	26765	1RB#0	5.22	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.99	13	PASS

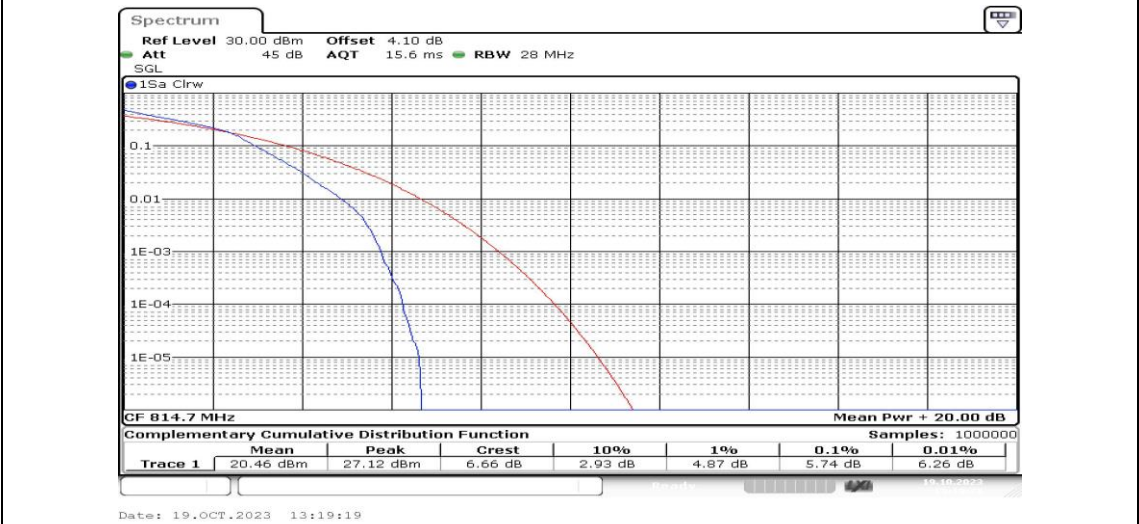
Band26	5MHz	16QAM	26765	25RB#0	5.80	13	PASS
Band26	10MHz	QPSK	26740	1RB#0	4.41	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	4.93	13	PASS
Band26	10MHz	16QAM	26740	1RB#0	5.28	13	PASS
Band26	10MHz	16QAM	26740	25RB#0	5.57	13	PASS

Test Graphs

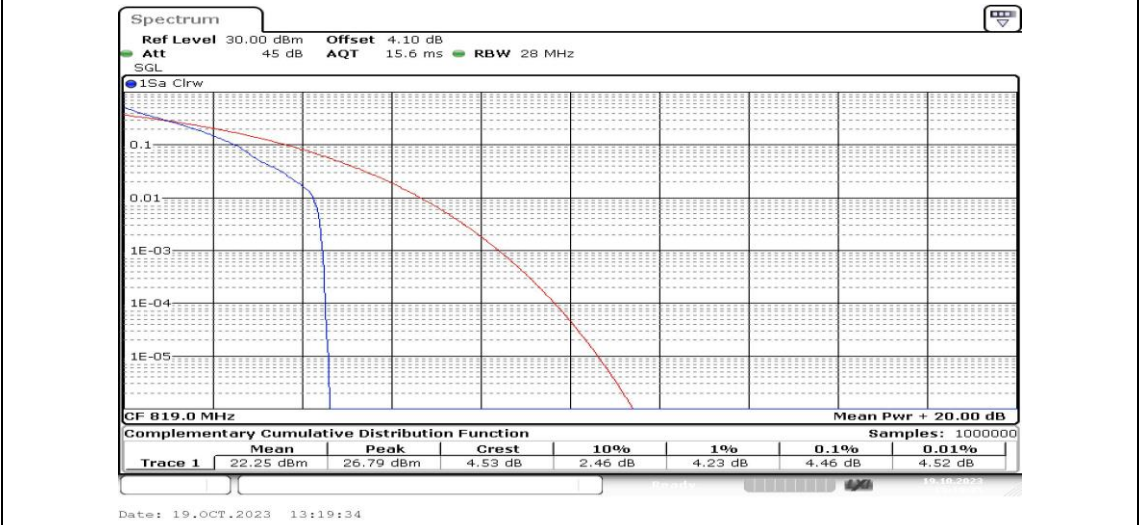




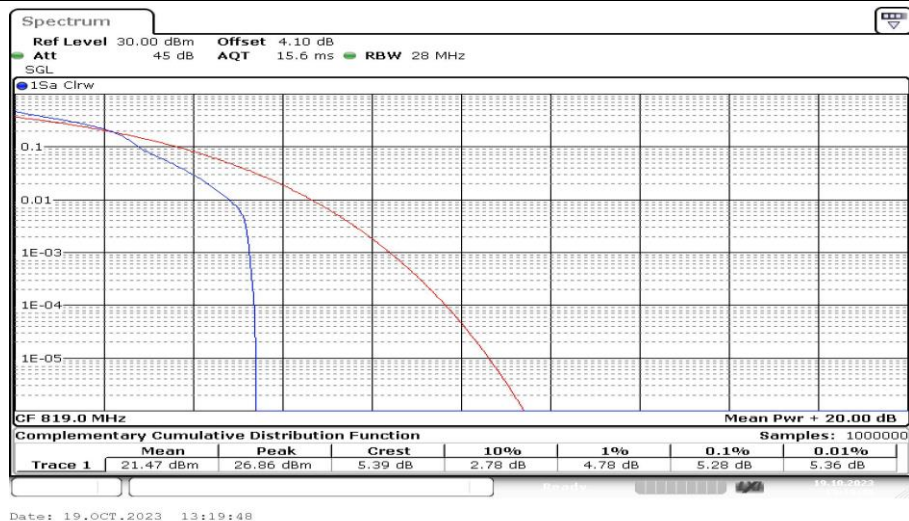
Band26-1.4MHz-QPSK-26697-6RB#0-PASS



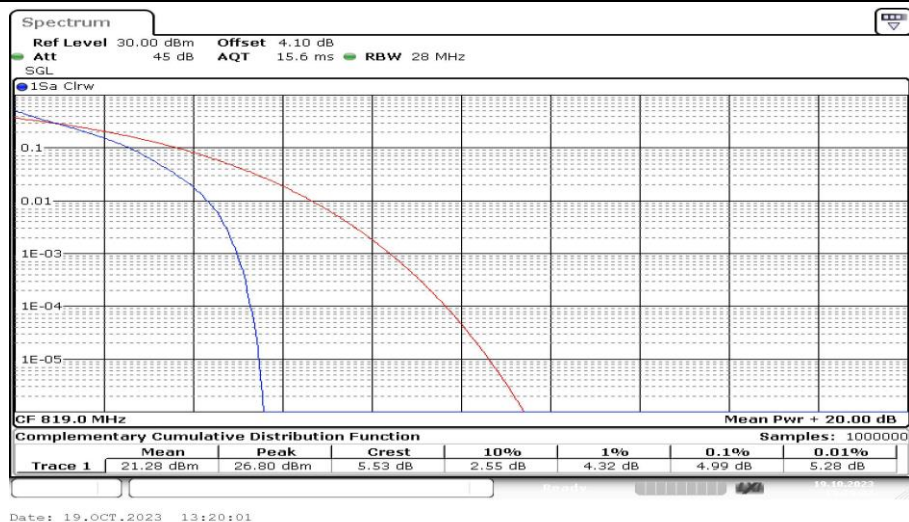
Band26-1.4MHz-16QAM-26697-6RB#0-PASS



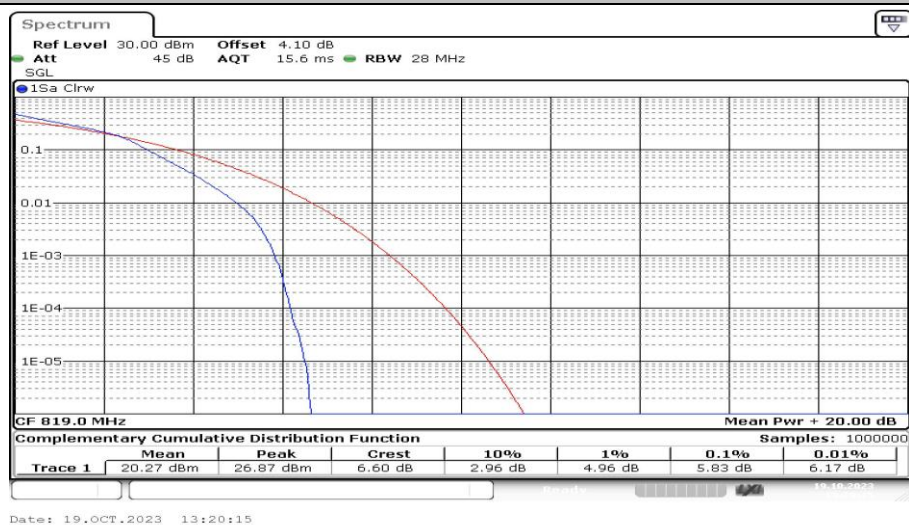
Band26-1.4MHz-QPSK-26740-1RB#0-PASS



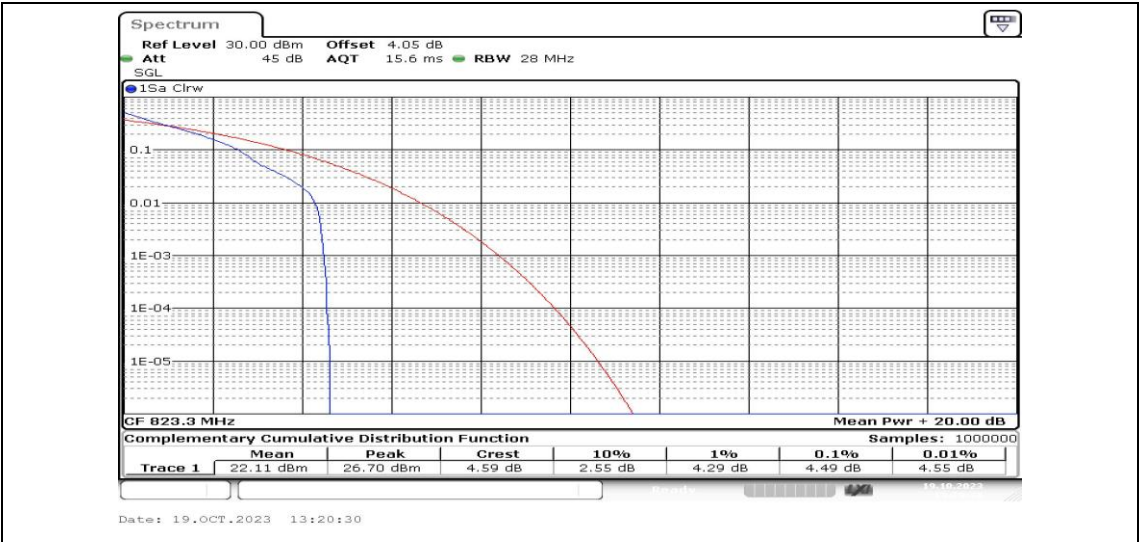
Band26-1.4MHz-16QAM-26740-1RB#0-PASS



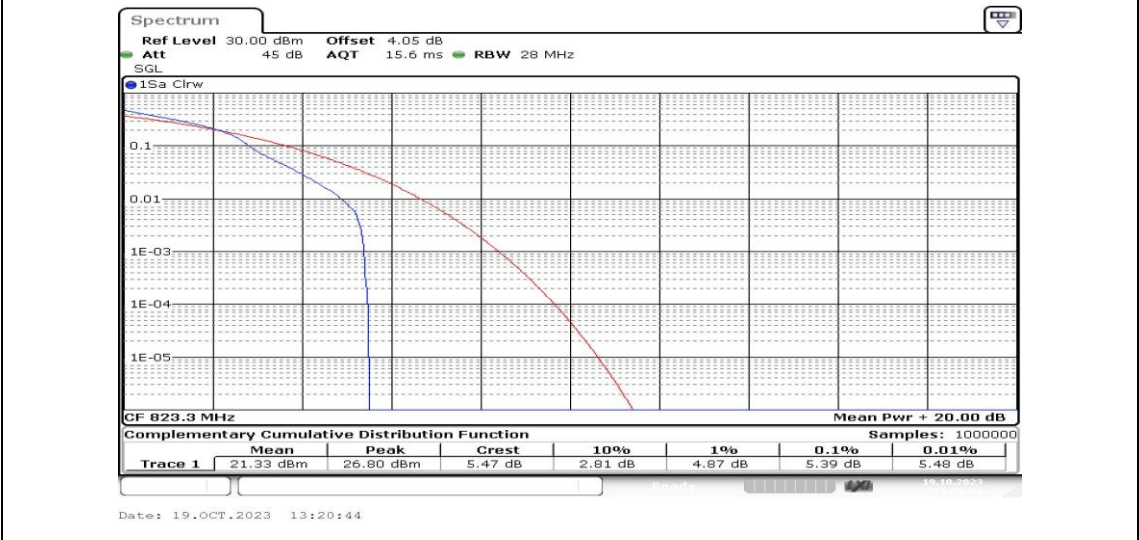
Band26-1.4MHz-QPSK-26740-6RB#0-PASS



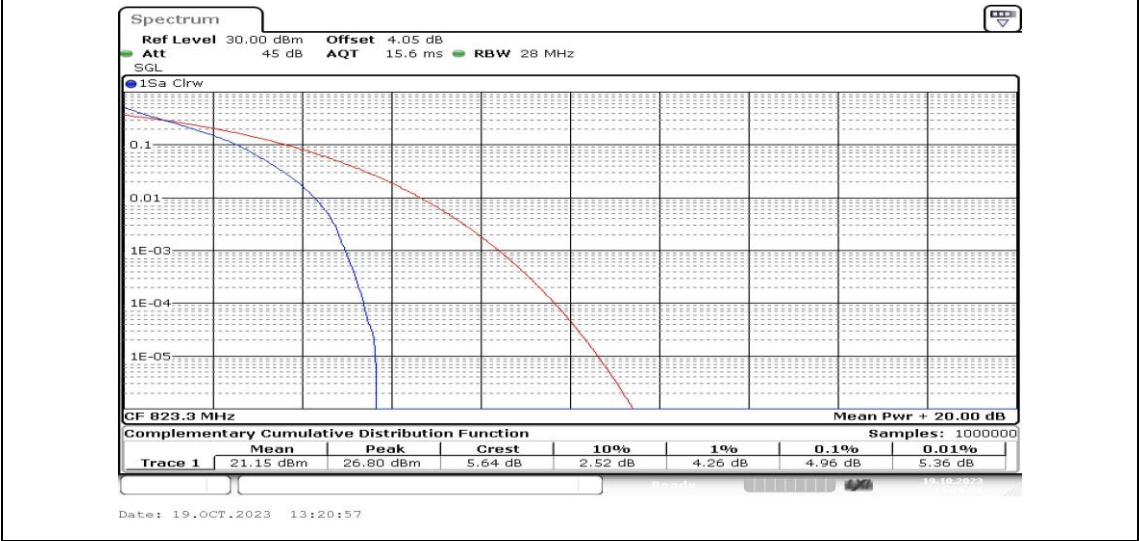
Band26-1.4MHz-16QAM-26740-6RB#0-PASS



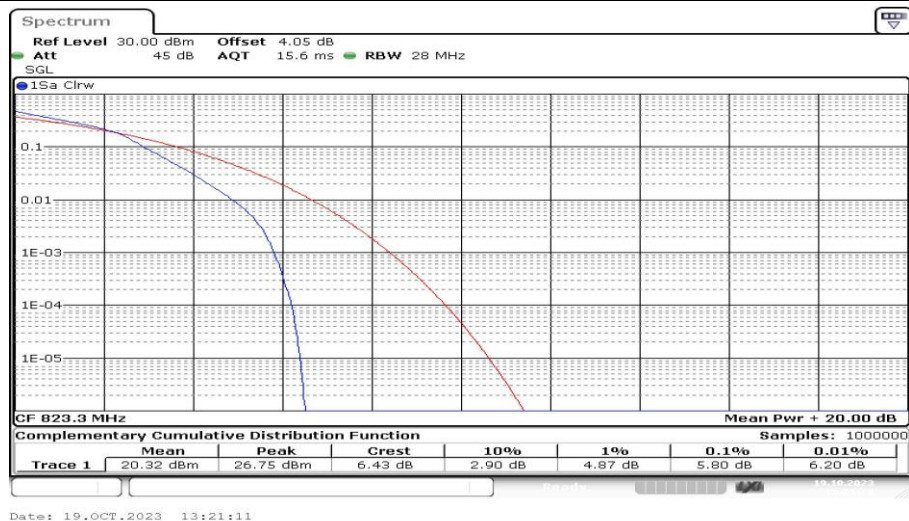
Band26-1.4MHz-QPSK-26783-1RB#0-PASS



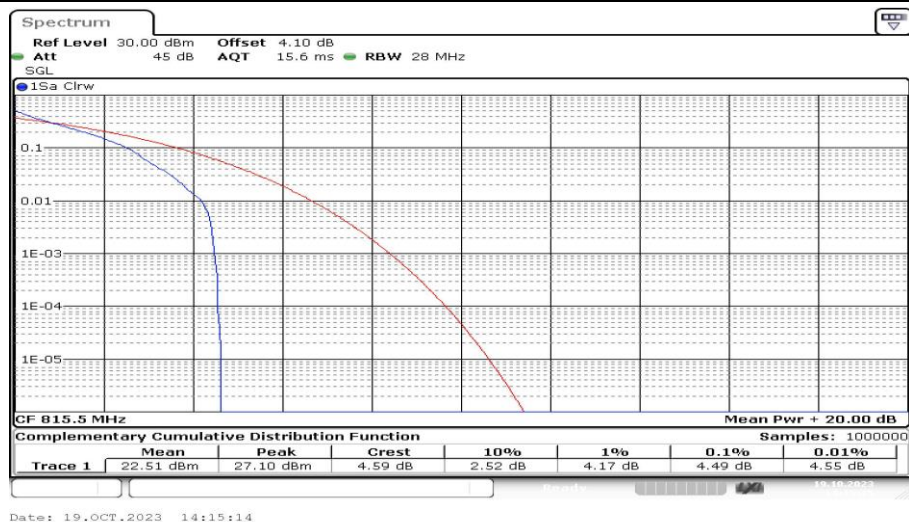
Band26-1.4MHz-16QAM-26783-1RB#0-PASS



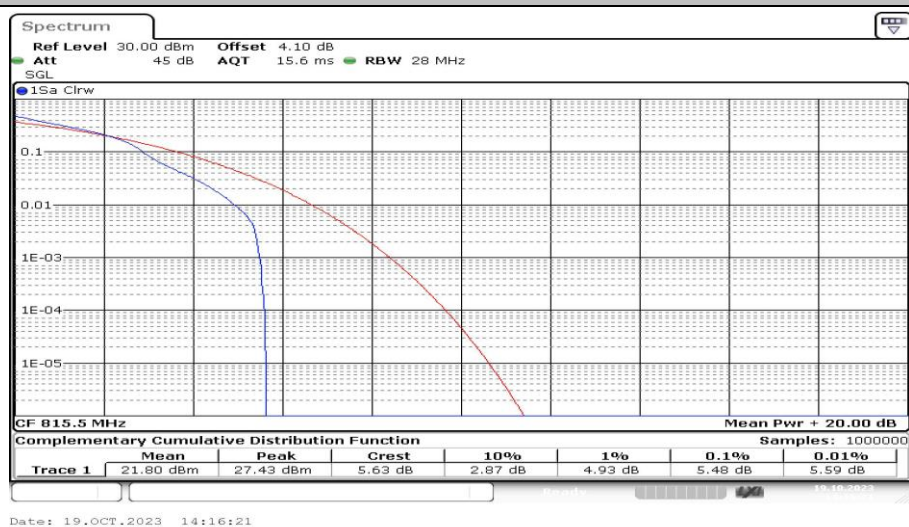
Band26-1.4MHz-QPSK-26783-6RB#0-PASS



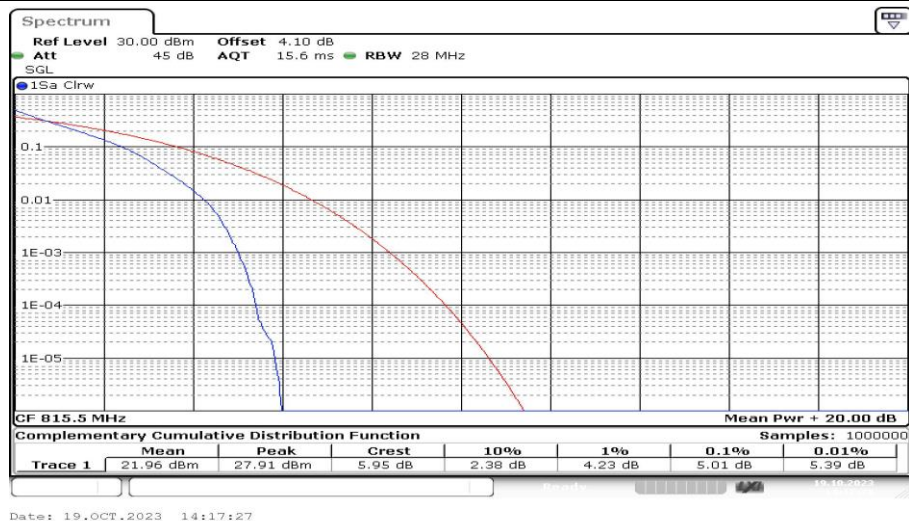
Band26-1.4MHz-16QAM-26783-6RB#0-PASS



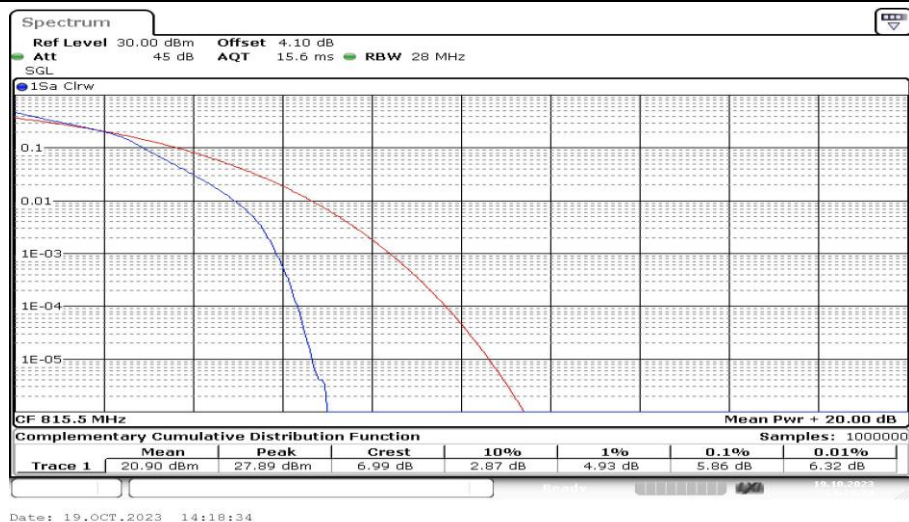
Band26-3MHz-QPSK-26705-1RB#0-PASS



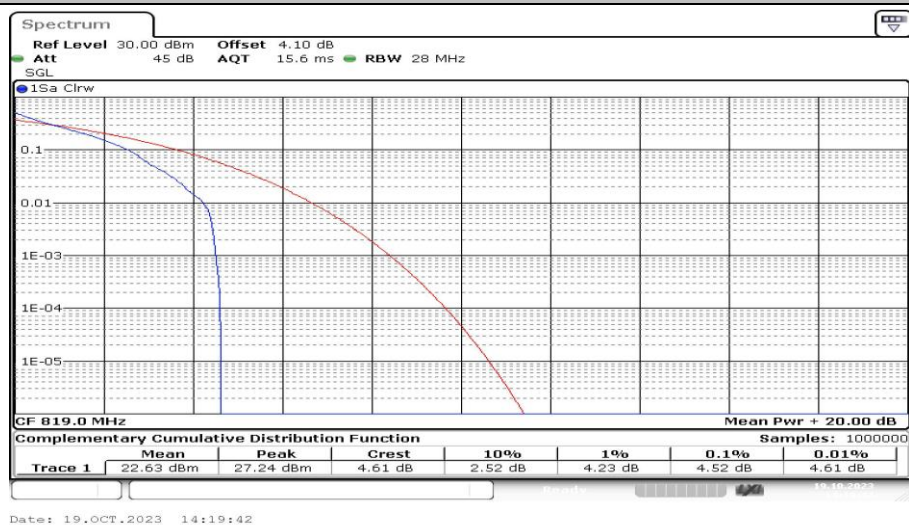
Band26-3MHz-16QAM-26705-1RB#0-PASS



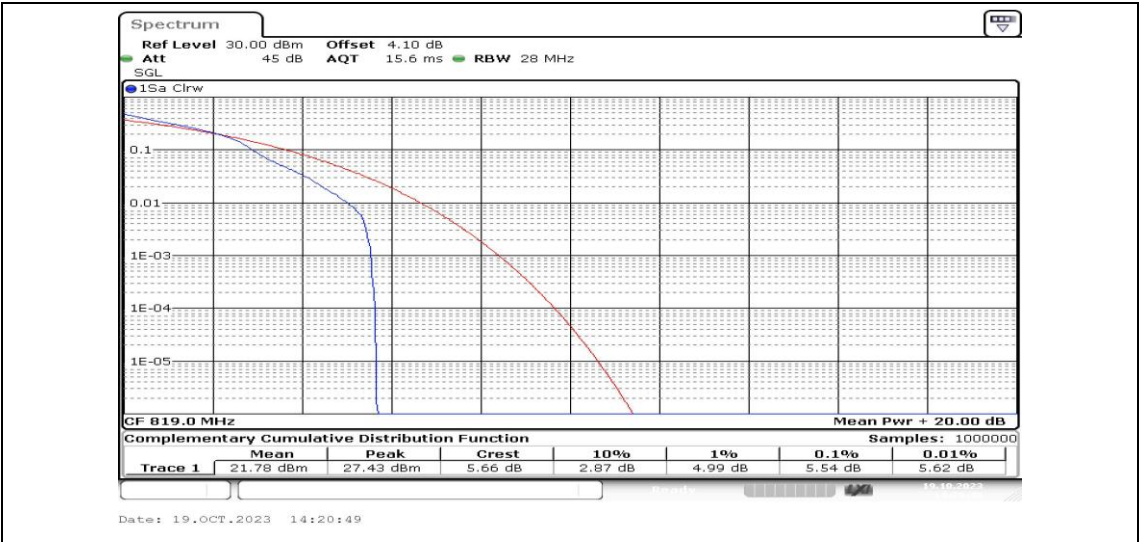
Band26-3MHz-QPSK-26705-15RB#0-PASS



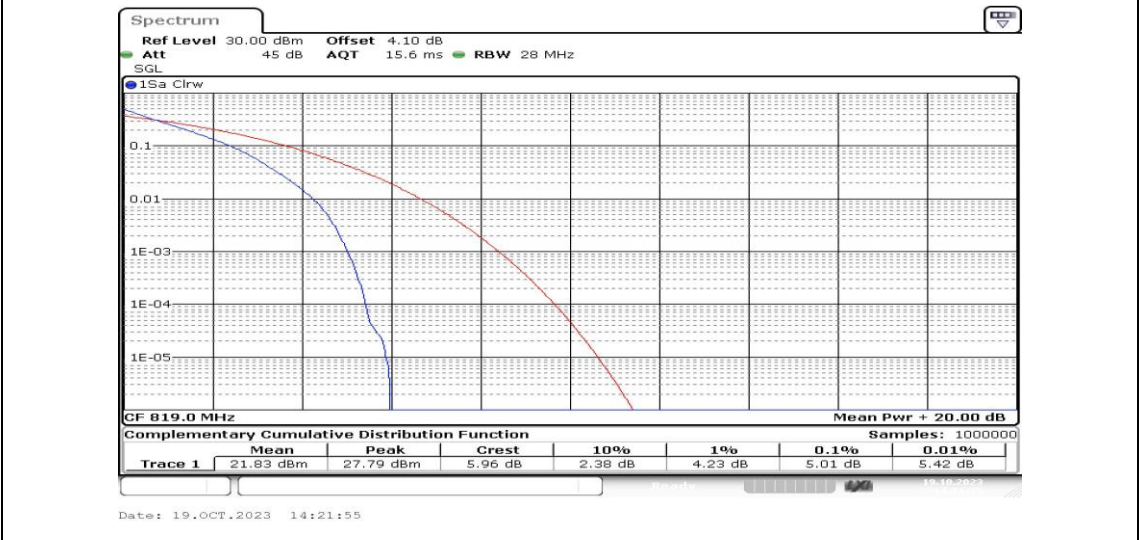
Band26-3MHz-16QAM-26705-15RB#0-PASS



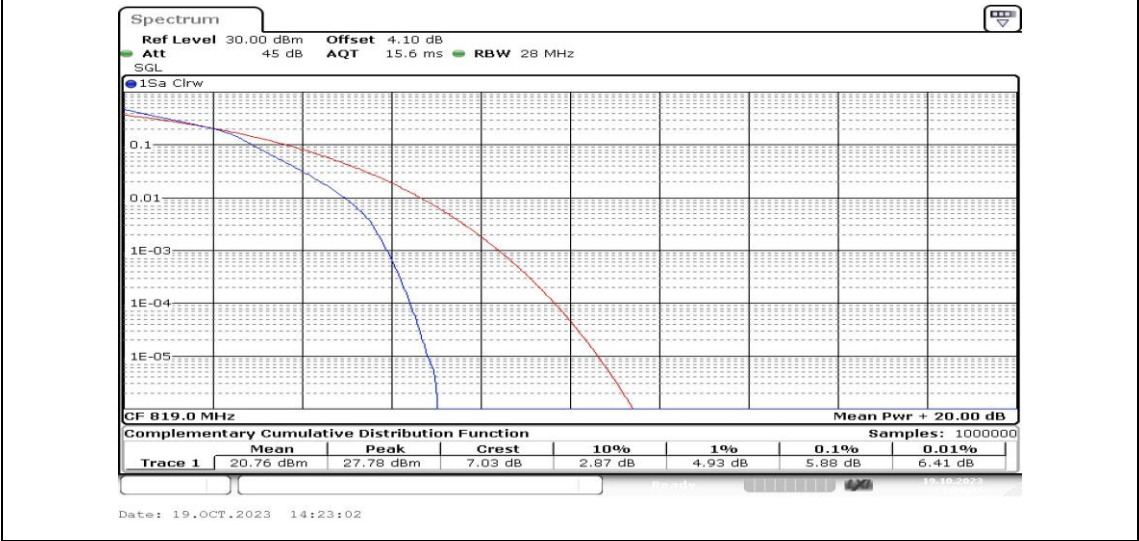
Band26-3MHz-QPSK-26740-1RB#0-PASS



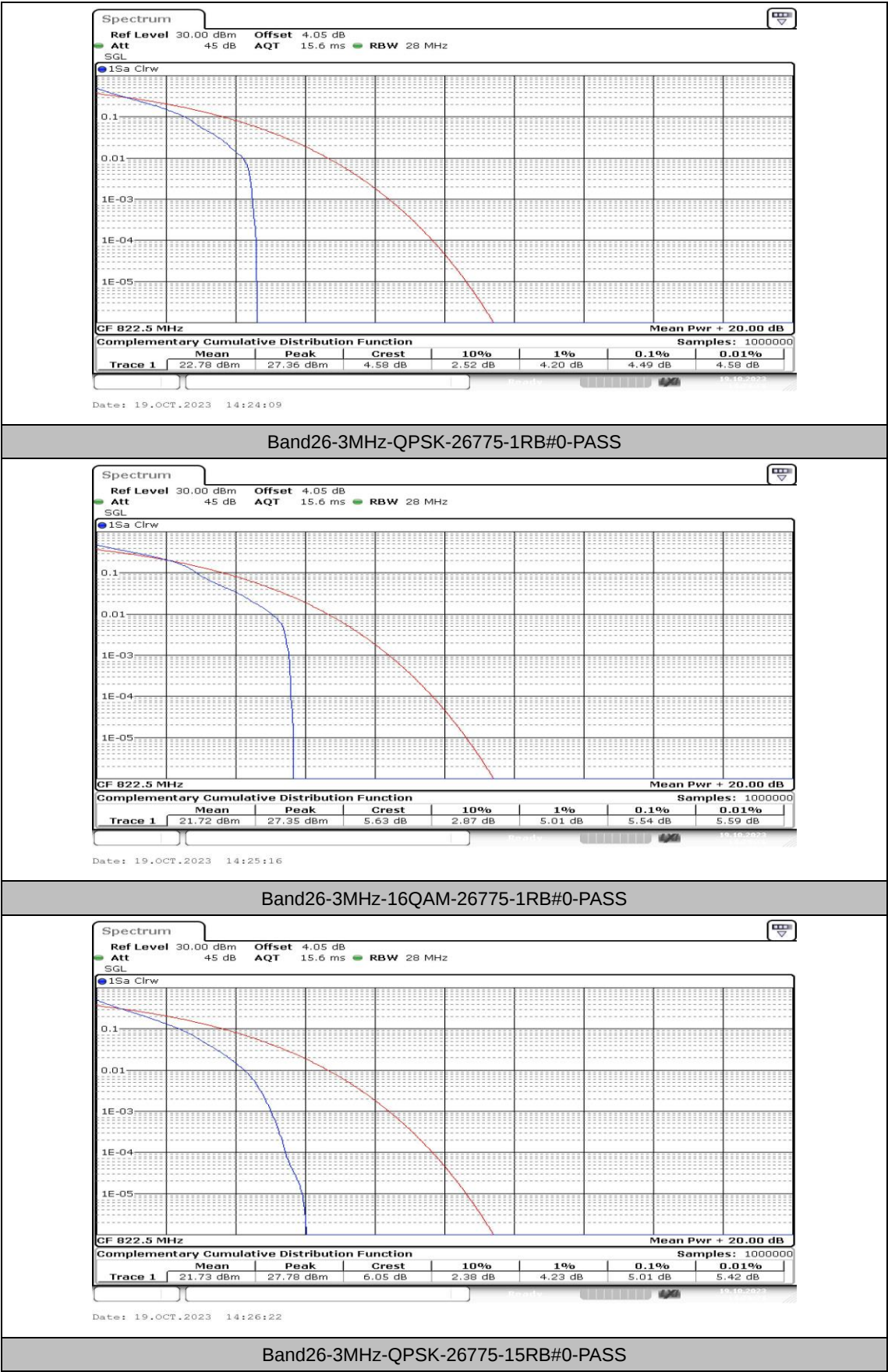
Band26-3MHz-16QAM-26740-1RB#0-PASS

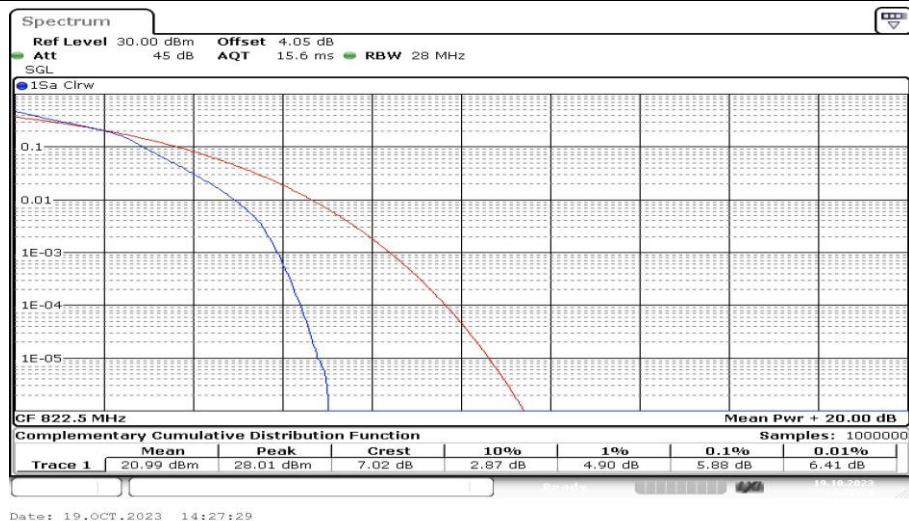


Band26-3MHz-QPSK-26740-15RB#0-PASS

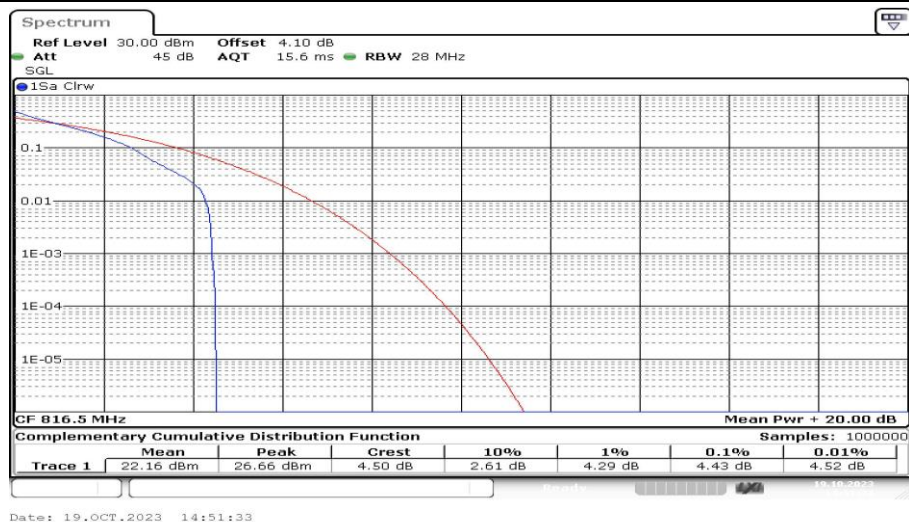


Band26-3MHz-16QAM-26740-15RB#0-PASS

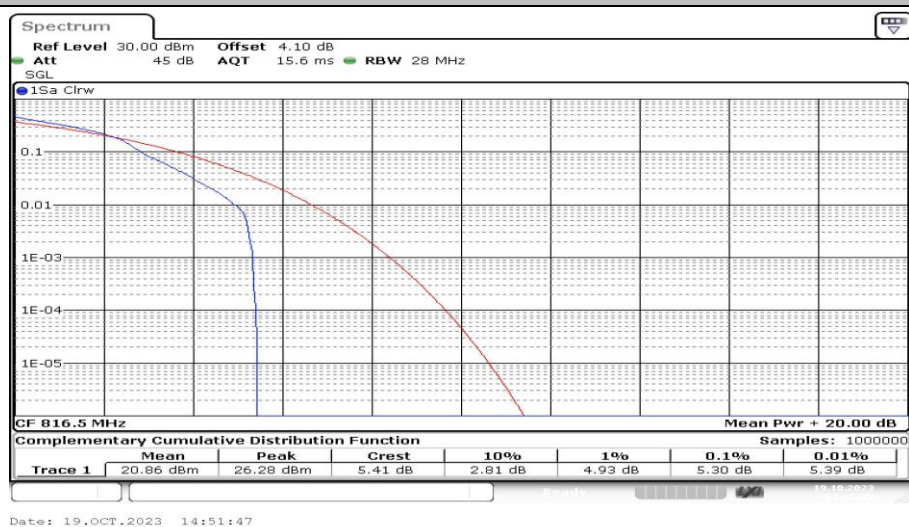




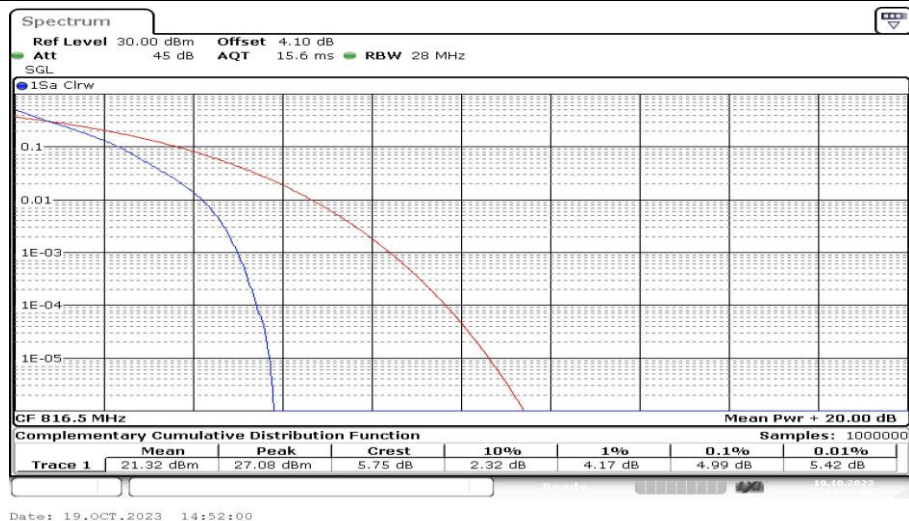
Band26-3MHz-16QAM-26775-15RB#0-PASS



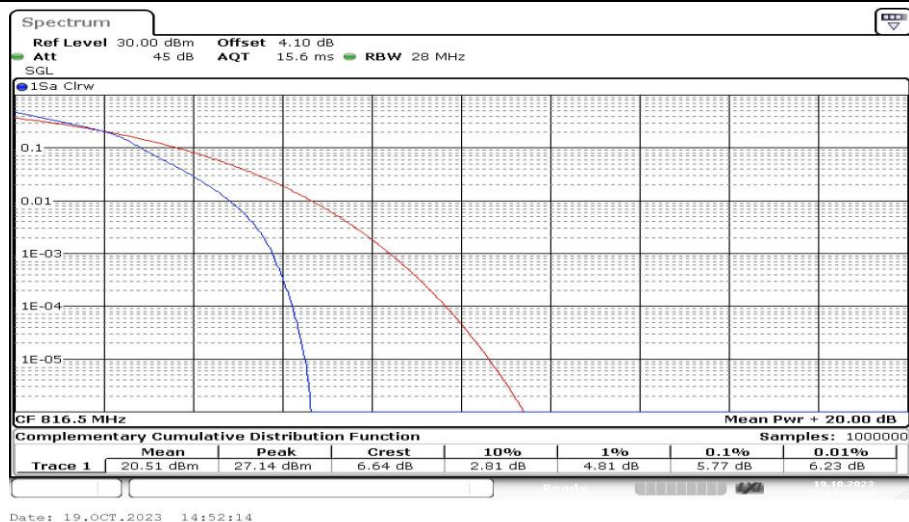
Band26-5MHz-QPSK-26715-1RB#0-PASS



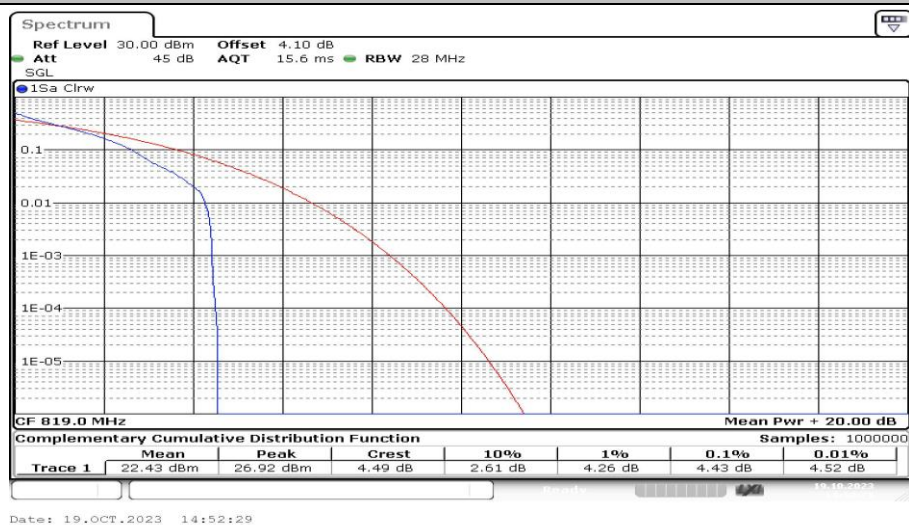
Band26-5MHz-16QAM-26715-1RB#0-PASS



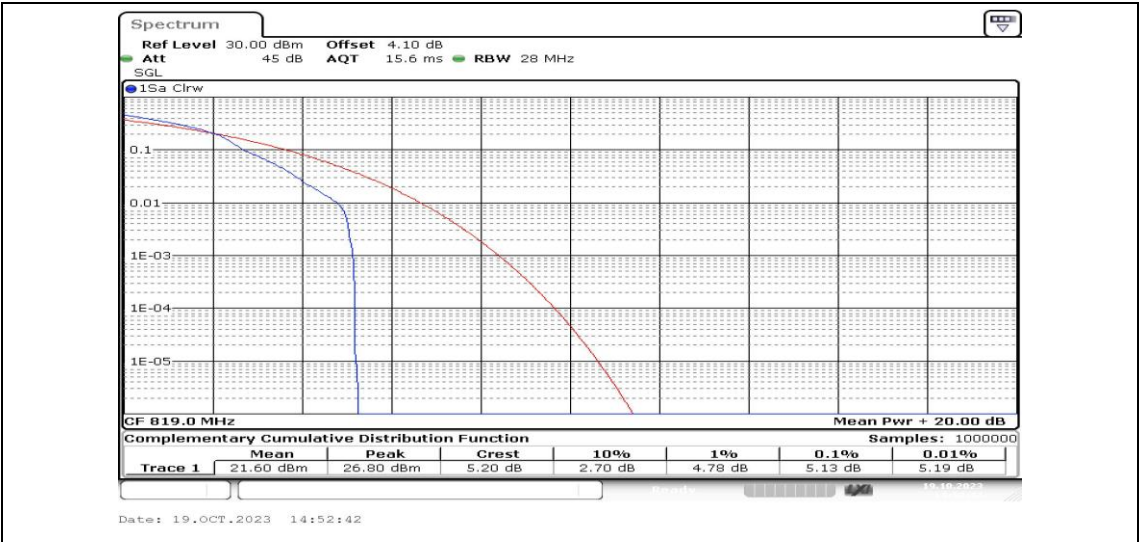
Band26-5MHz-QPSK-26715-25RB#0-PASS



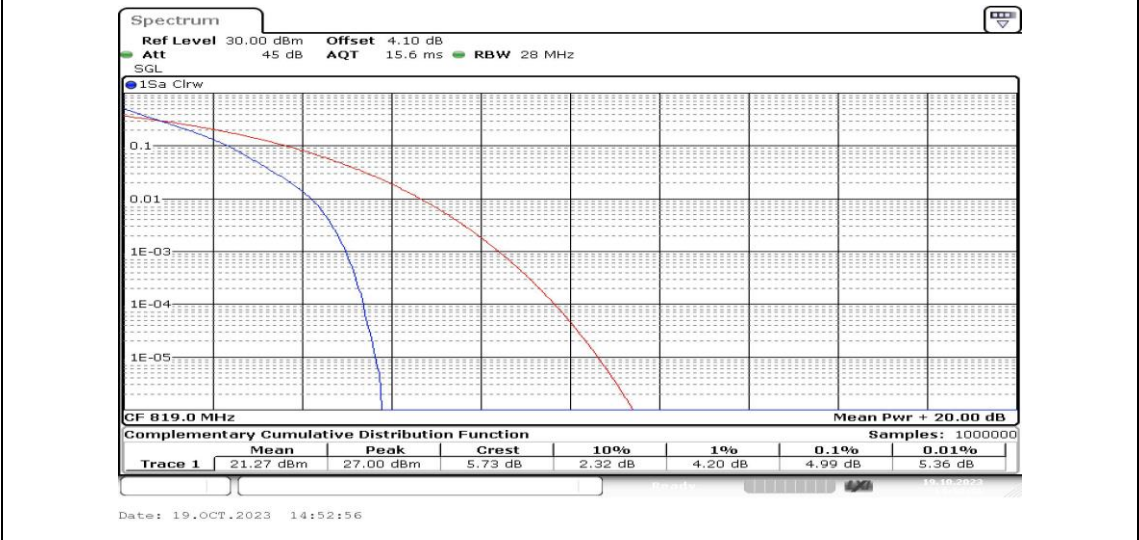
Band26-5MHz-16QAM-26715-25RB#0-PASS



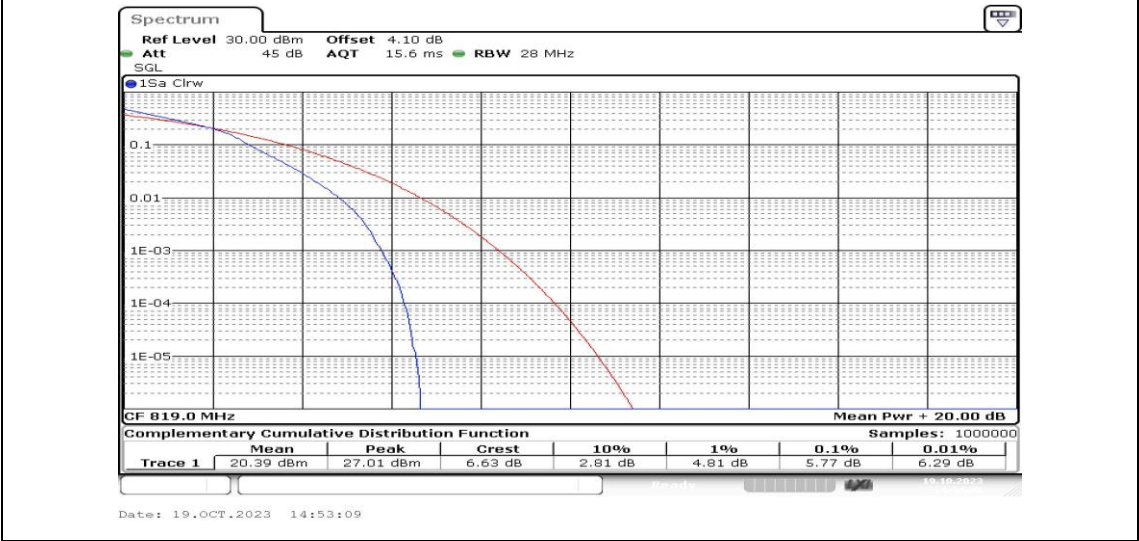
Band26-5MHz-QPSK-26740-1RB#0-PASS



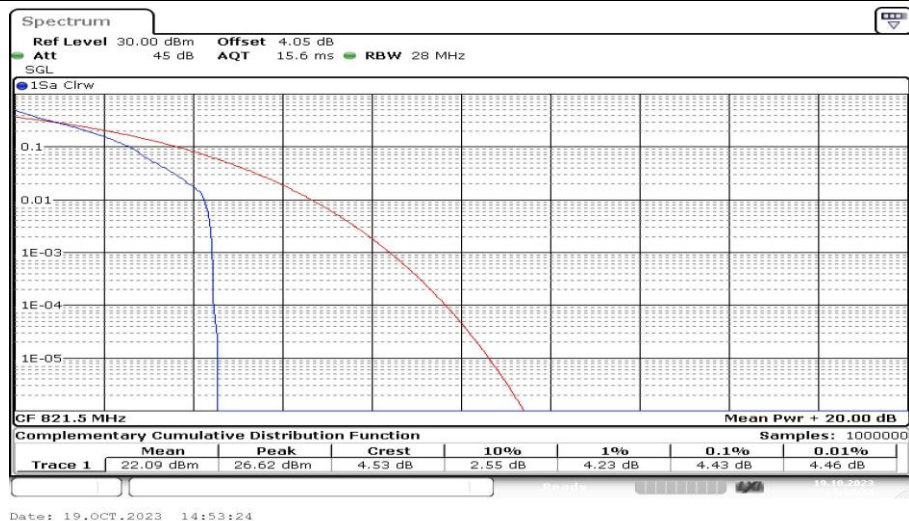
Band26-5MHz-16QAM-26740-1RB#0-PASS



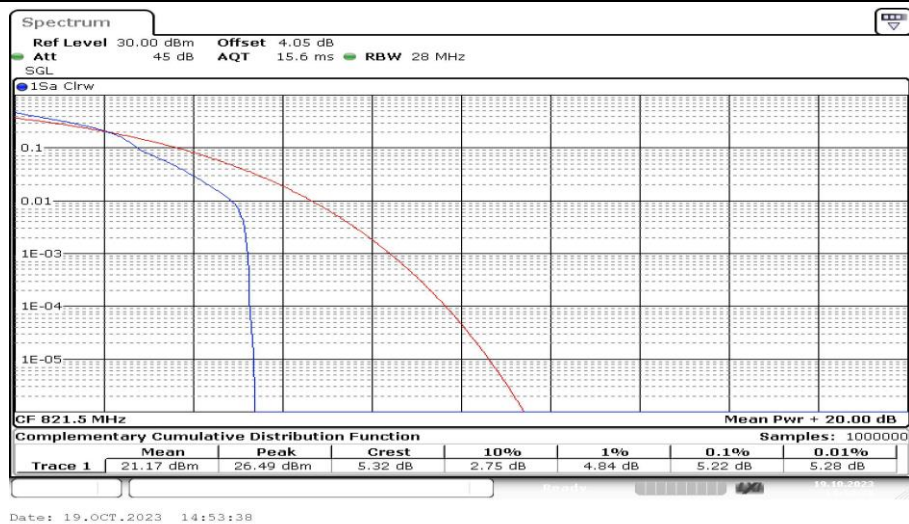
Band26-5MHz-QPSK-26740-25RB#0-PASS



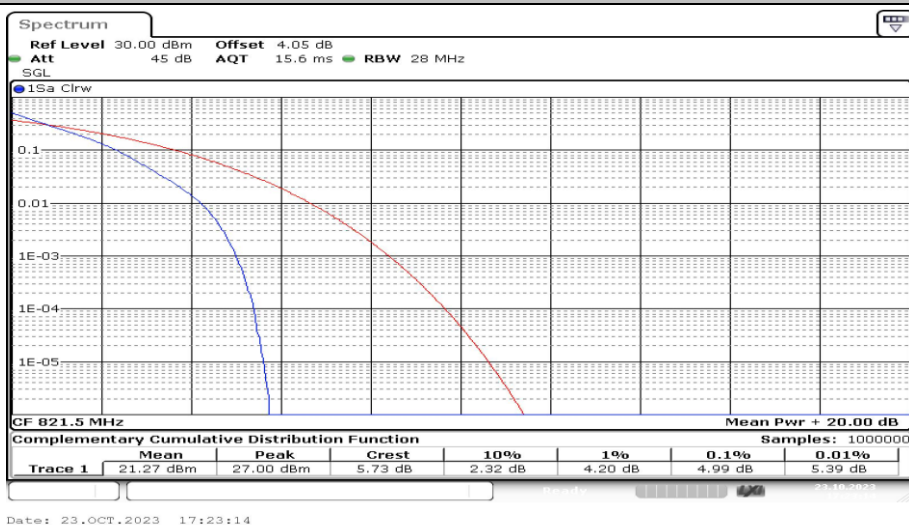
Band26-5MHz-16QAM-26740-25RB#0-PASS



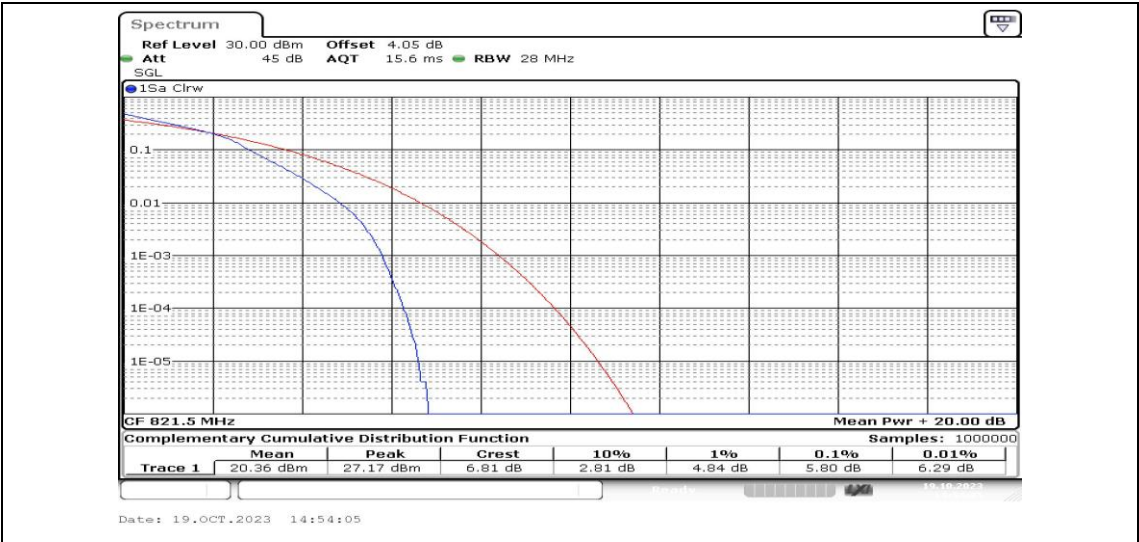
Band26-5MHz-QPSK-26765-1RB#0-PASS



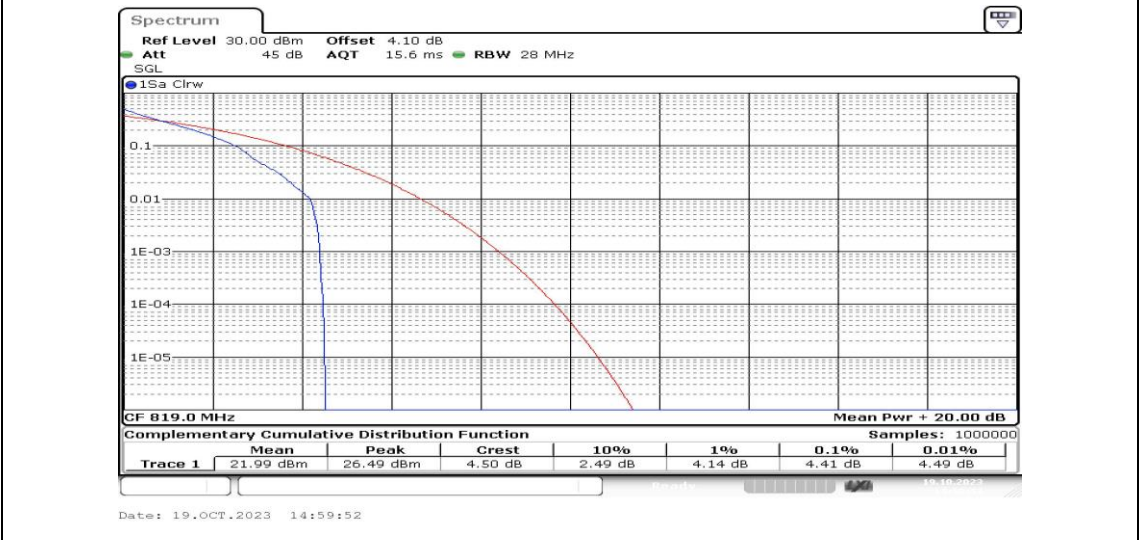
Band26-5MHz-16QAM-26765-1RB#0-PASS



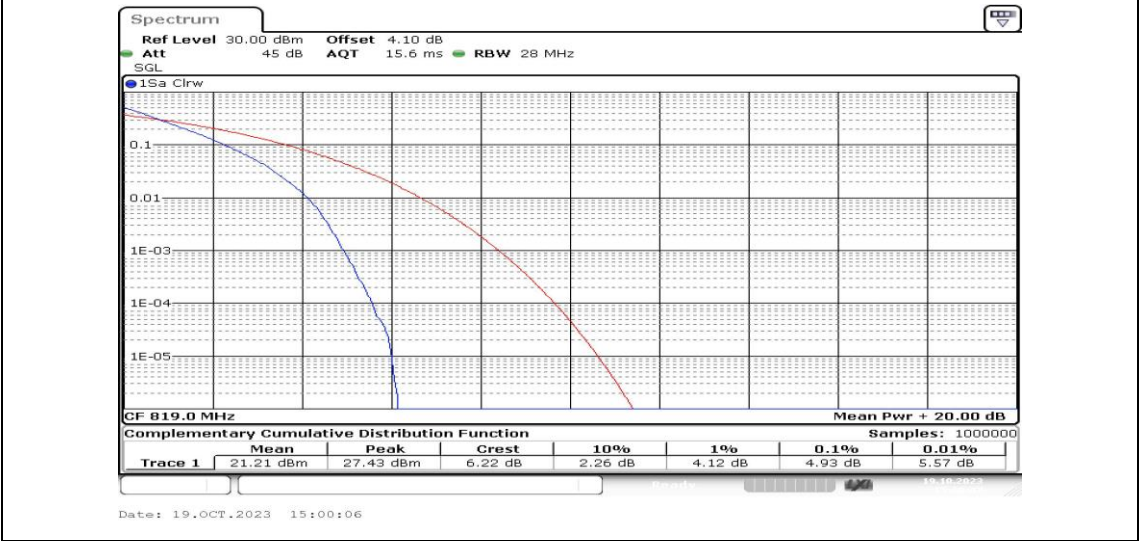
Band26-5MHz-QPSK-26765-25RB#0-PASS



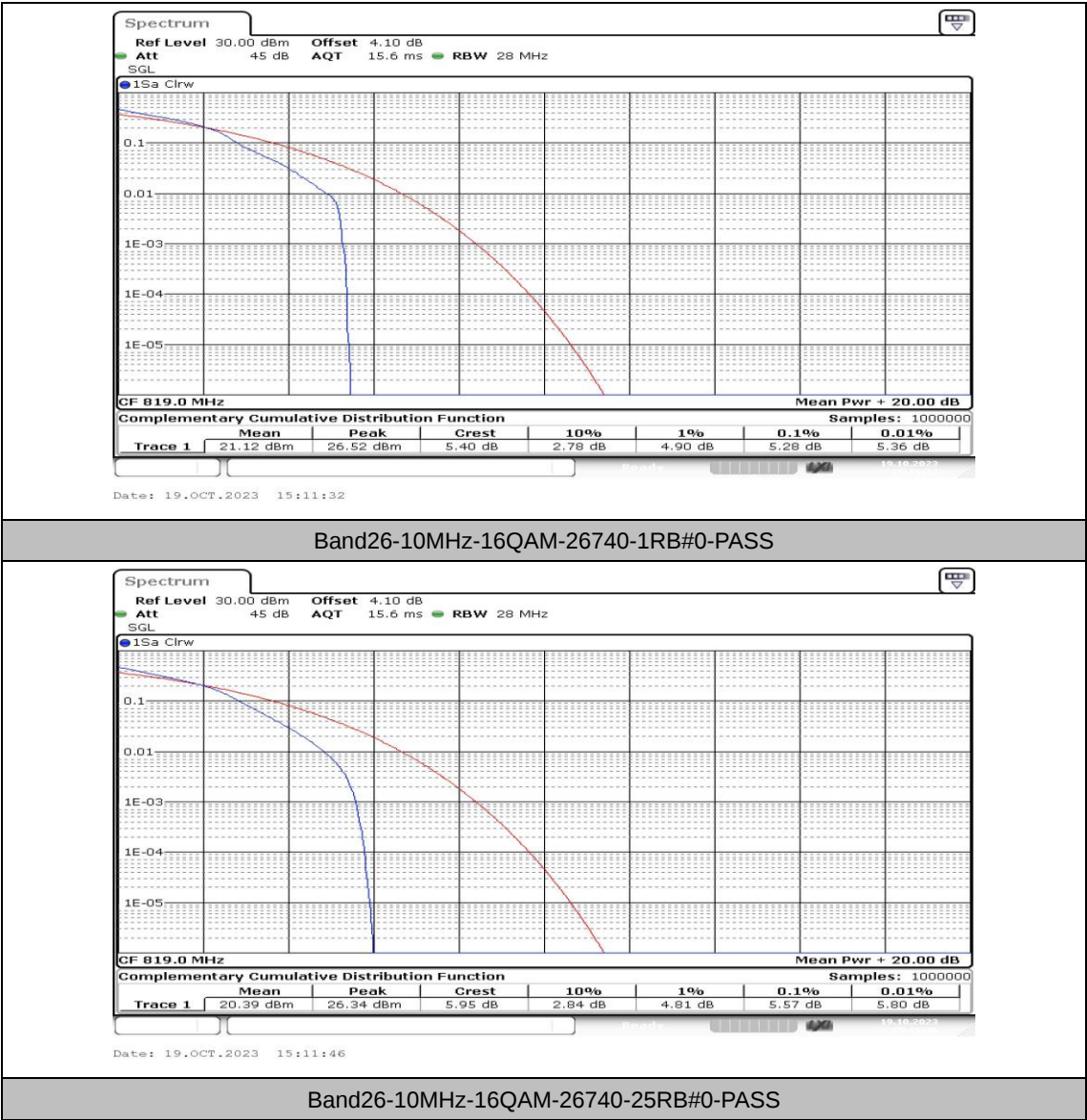
Band26-5MHz-16QAM-26765-25RB#0-PASS



Band26-10MHz-QPSK-26740-1RB#0-PASS



Band26-10MHz-QPSK-26740-50RB#0-PASS

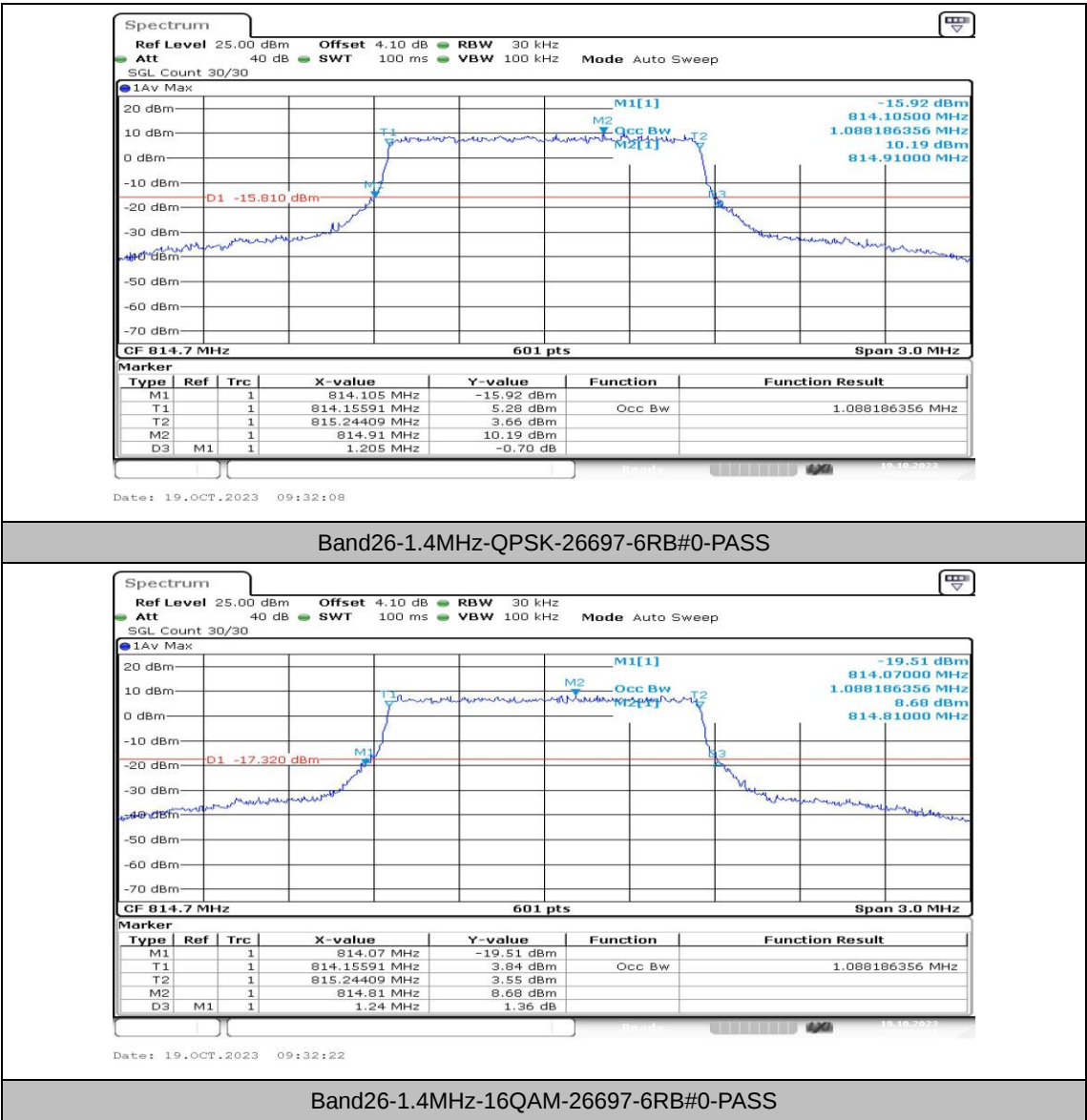


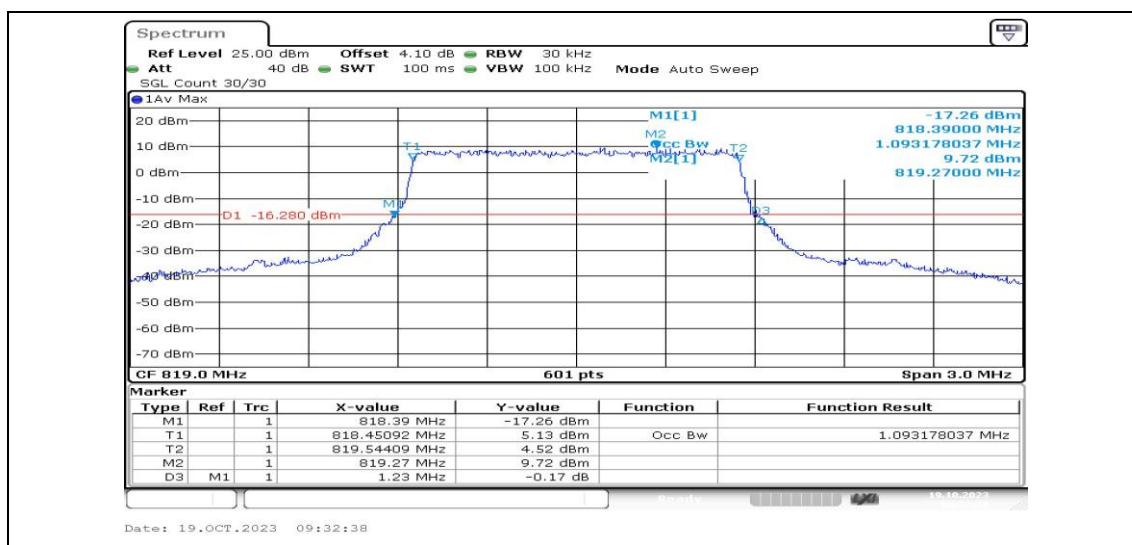
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

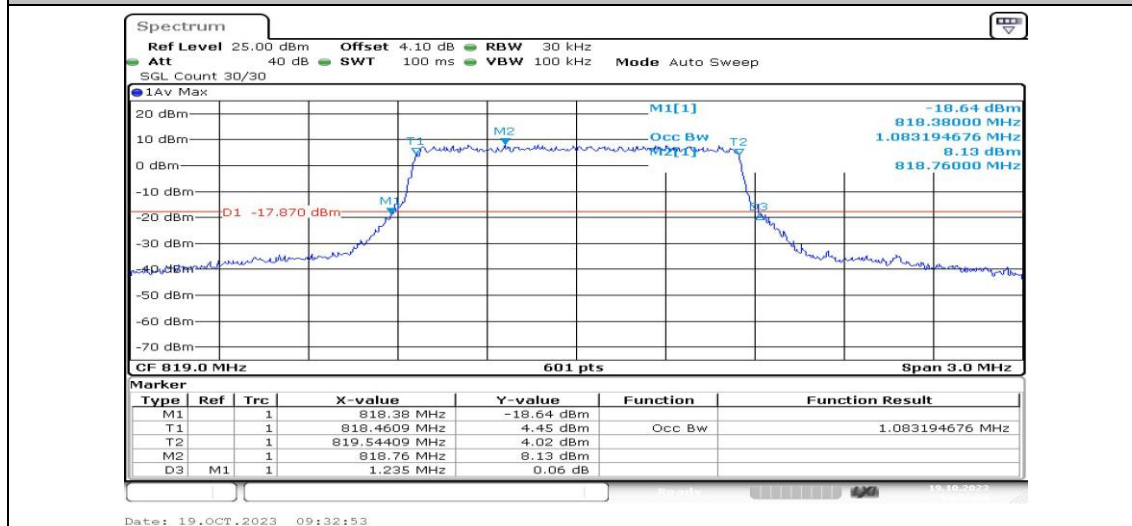
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.088	1.21	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.088	1.24	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.093	1.23	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.083	1.24	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.088	1.22	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.088	1.22	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.686	2.86	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.696	2.86	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.696	2.89	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.696	2.86	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.686	2.85	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.696	2.86	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.496	4.79	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.505	4.77	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.505	4.78	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.496	4.77	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.505	4.78	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.505	4.78	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.952	9.53	PASS
Band26	10MHz	16QAM	26740	25RB#0	4.559	5.03	PASS

Test Graphs

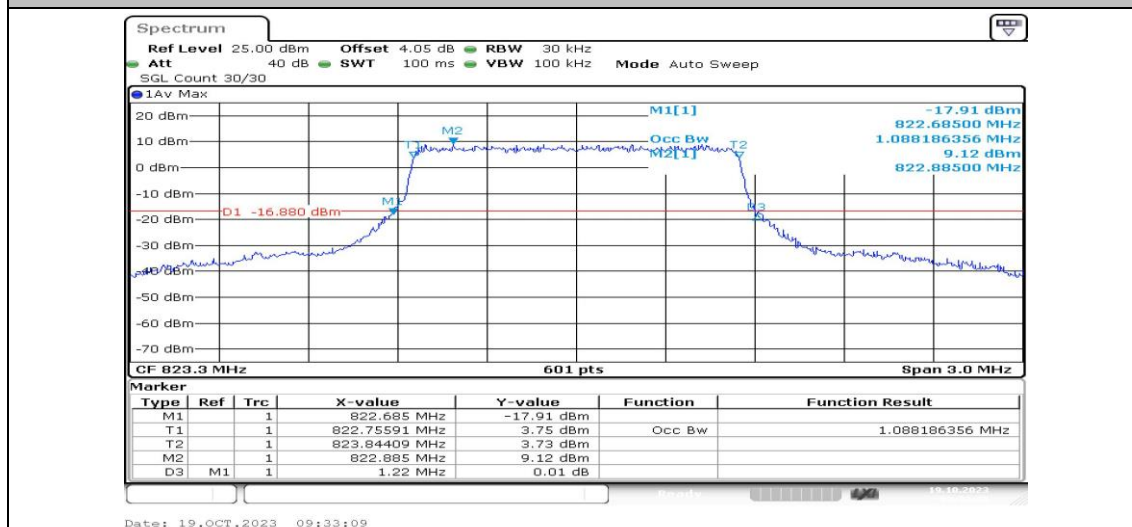




Band26-1.4MHz-QPSK-26740-6RB#0-PASS



Band26-1.4MHz-16QAM-26740-6RB#0-PASS



Band26-1.4MHz-QPSK-26783-6RB#0-PASS