Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power (dBm)	ERP(dBm) or EIRP(dBm)	Limit	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.67	26.00	33.01	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.63	25.96	33.01	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.74	26.07	33.01	PASS
Band41	5MHz	QPSK	39675	12RB#0	23.22	25.55	33.01	PASS
Band41	5MHz	QPSK	39675	12RB#6	23.28	25.61	33.01	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.27	25.60	33.01	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.21	25.54	33.01	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.69	26.02	33.01	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.82	26.15	33.01	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.74	26.07	33.01	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.29	25.62	33.01	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.25	25.58	33.01	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.23	25.56	33.01	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.21	25.54	33.01	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.80	26.13	33.01	PASS
Band41	5MHz	QPSK	41565	1RB#12	24.08	26.41	33.01	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.83	26.16	33.01	PASS
Band41	5MHz	QPSK	41565	12RB#0	23.49	25.82	33.01	PASS
Band41	5MHz	QPSK	41565	12RB#6	23.50	25.83	33.01	PASS
Band41	5MHz	QPSK	41565	12RB#13	23.45	25.78	33.01	PASS
Band41	5MHz	QPSK	41565	25RB#0	23.46	25.79	33.01	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.24	25.57	33.01	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.85	26.18	33.01	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.28	25.61	33.01	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.41	24.74	33.01	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.34	24.67	33.01	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.45	24.78	33.01	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.29	24.62	33.01	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.56	25.89	33.01	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.06	25.39	33.01	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.57	25.90	33.01	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.20	24.53	33.01	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.25	24.58	33.01	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.20	24.53	33.01	PASS

Band41	5MHz	16QAM	40620	25RB#0	22.18	24.51	33.01	PASS
Band41	5MHz	16QAM	41565	1RB#0	23.51	25.84	33.01	PASS
Band41	5MHz	16QAM	41565	1RB#12	23.21	25.54	33.01	PASS
Band41	5MHz	16QAM	41565	1RB#24	23.50	25.83	33.01	PASS
Band41	5MHz	16QAM	41565	12RB#0	22.46	24.79	33.01	PASS
Band41	5MHz	16QAM	41565	12RB#6	22.47	24.80	33.01	PASS
Band41	5MHz	16QAM	41565	12RB#13	22.47	24.80	33.01	PASS
Band41	5MHz	16QAM	41565	25RB#0	22.51	24.84	33.01	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.57	25.90	33.01	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.63	25.96	33.01	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.46	25.79	33.01	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.18	25.51	33.01	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.21	25.54	33.01	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.96	25.29	33.01	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.18	25.51	33.01	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.82	26.15	33.01	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.71	26.04	33.01	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.72	26.05	33.01	PASS
Band41	10MHz	QPSK	40620	25RB#0	23.14	25.47	33.01	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.19	25.52	33.01	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.16	25.49	33.01	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.18	25.51	33.01	PASS
Band41	10MHz	QPSK	41540	1RB#0	23.81	26.14	33.01	PASS
Band41	10MHz	QPSK	41540	1RB#24	24.28	26.61	33.01	PASS
Band41	10MHz	QPSK	41540	1RB#49	23.89	26.22	33.01	PASS
Band41	10MHz	QPSK	41540	25RB#0	23.49	25.82	33.01	PASS
Band41	10MHz	QPSK	41540	25RB#12	23.45	25.78	33.01	PASS
Band41	10MHz	QPSK	41540	25RB#25	23.46	25.79	33.01	PASS
Band41	10MHz	QPSK	41540	50RB#0	23.42	25.75	33.01	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.40	25.73	33.01	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.03	25.36	33.01	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.24	25.57	33.01	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.63	24.96	33.01	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.54	24.87	33.01	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.46	24.79	33.01	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.25	24.58	33.01	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.41	25.74	33.01	PASS
Band41	10MHz	16QAM	40620	1RB#24	23.54	25.87	33.01	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.23	25.56	33.01	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.54	24.87	33.01	PASS

Band41	10MHz	16QAM	40620	25RB#12	22.42	24.75	33.01	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.46	24.79	33.01	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.24	24.57	33.01	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.58	25.91	33.01	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.25	26.58	33.01	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.62	25.95	33.01	PASS
Band41	10MHz	16QAM	41540	25RB#0	22.80	25.13	33.01	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.71	25.04	33.01	PASS
Band41	10MHz	16QAM	41540	25RB#25	22.85	25.18	33.01	PASS
Band41	10MHz	16QAM	41540	50RB#0	22.39	24.72	33.01	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.65	25.98	33.01	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.78	26.11	33.01	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.39	25.72	33.01	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.02	25.35	33.01	PASS
Band41	15MHz	QPSK	39725	38RB#18	23.05	25.38	33.01	PASS
Band41	15MHz	QPSK	39725	38RB#37	22.97	25.30	33.01	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.99	25.32	33.01	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.70	26.03	33.01	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.57	25.90	33.01	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.51	25.84	33.01	PASS
Band41	15MHz	QPSK	40620	38RB#0	23.21	25.54	33.01	PASS
Band41	15MHz	QPSK	40620	38RB#18	23.14	25.47	33.01	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.15	25.48	33.01	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.21	25.54	33.01	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.86	26.19	33.01	PASS
Band41	15MHz	QPSK	41515	1RB#38	24.21	26.54	33.01	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.89	26.22	33.01	PASS
Band41	15MHz	QPSK	41515	38RB#0	23.44	25.77	33.01	PASS
Band41	15MHz	QPSK	41515	38RB#18	23.43	25.76	33.01	PASS
Band41	15MHz	QPSK	41515	38RB#37	23.40	25.73	33.01	PASS
Band41	15MHz	QPSK	41515	75RB#0	23.40	25.73	33.01	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.39	25.72	33.01	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.89	26.22	33.01	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.08	25.41	33.01	PASS
Band41	15MHz	16QAM	39725	38RB#0	23.01	25.34	33.01	PASS
Band41	15MHz	16QAM	39725	38RB#18	22.00	24.33	33.01	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.01	25.34	33.01	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.08	24.41	33.01	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.46	25.79	33.01	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.05	25.38	33.01	PASS

Band41	15MHz	16QAM	40620	1RB#74	23.35	25.68	33.01	PASS
Band41	15MHz	16QAM	40620	38RB#0	23.21	25.54	33.01	PASS
Band41	15MHz	16QAM	40620	38RB#18	22.24	24.57	33.01	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.14	25.47	33.01	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.27	24.60	33.01	PASS
Band41	15MHz	16QAM	41515	1RB#0	23.56	25.89	33.01	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.31	26.64	33.01	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.62	25.95	33.01	PASS
Band41	15MHz	16QAM	41515	38RB#0	23.39	25.72	33.01	PASS
Band41	15MHz	16QAM	41515	38RB#18	22.38	24.71	33.01	PASS
Band41	15MHz	16QAM	41515	38RB#37	23.40	25.73	33.01	PASS
Band41	15MHz	16QAM	41515	75RB#0	22.53	24.86	33.01	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.82	26.15	33.01	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.58	25.91	33.01	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.58	25.91	33.01	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.01	25.34	33.01	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.07	25.40	33.01	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.02	25.35	33.01	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.10	25.43	33.01	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.64	25.97	33.01	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.75	26.08	33.01	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.60	25.93	33.01	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.20	25.53	33.01	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.23	25.56	33.01	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.11	25.44	33.01	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.20	25.53	33.01	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.86	26.19	33.01	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.82	26.15	33.01	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.96	26.29	33.01	PASS
Band41	20MHz	QPSK	41490	50RB#0	23.36	25.69	33.01	PASS
Band41	20MHz	QPSK	41490	50RB#25	23.35	25.68	33.01	PASS
Band41	20MHz	QPSK	41490	50RB#50	23.43	25.76	33.01	PASS
Band41	20MHz	QPSK	41490	100RB#0	23.40	25.73	33.01	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.82	25.15	33.01	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.82	25.15	33.01	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.58	24.91	33.01	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.08	24.41	33.01	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.12	24.45	33.01	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.01	24.34	33.01	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.06	24.39	33.01	PASS

Band41	20MHz	16QAM	40620	1RB#0	23.54	25.87	33.01	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.06	25.39	33.01	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.49	25.82	33.01	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.41	24.74	33.01	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.28	24.61	33.01	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.28	24.61	33.01	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.30	24.63	33.01	PASS
Band41	20MHz	16QAM	41490	1RB#0	23.43	25.76	33.01	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.74	25.07	33.01	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.49	25.82	33.01	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.48	24.81	33.01	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.46	24.79	33.01	PASS
Band41	20MHz	16QAM	41490	50RB#50	22.42	24.75	33.01	PASS
Band41	20MHz	16QAM	41490	100RB#0	22.41	24.74	33.01	PASS

EIRP = PT + GT – LC, ERP= EIRP - 2.15, where

PT = Conducted output power(dBm);

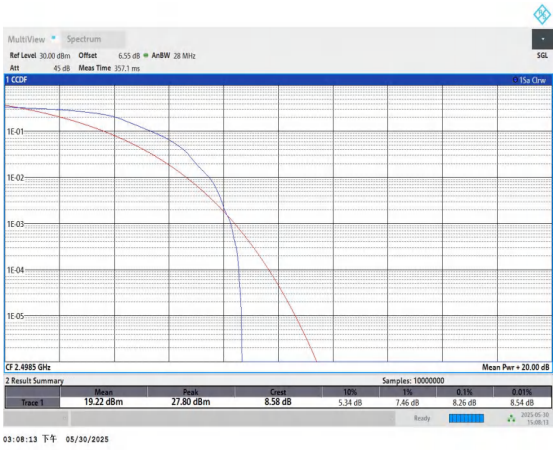
GT = gain of the transmitting antenna(dBi);

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

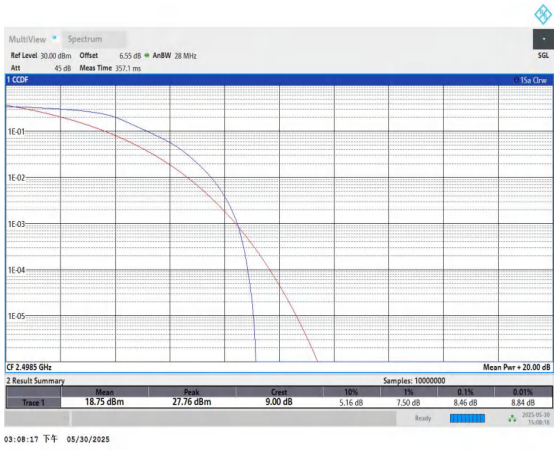
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.26	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	8.46	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.74	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	8.96	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.58	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	8.62	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	8.00	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.48	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.82	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.78	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.98	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.68	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.72	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	8.84	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	9.18	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.00	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.94	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	8.72	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	8.36	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	9.00	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.70	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.70	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.50	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.58	13	PASS

Test Graphs



Band41-5MHz-QPSK-39675-1RB#0-PASS



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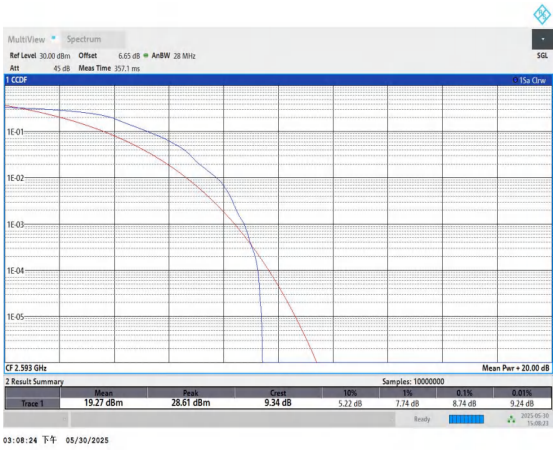
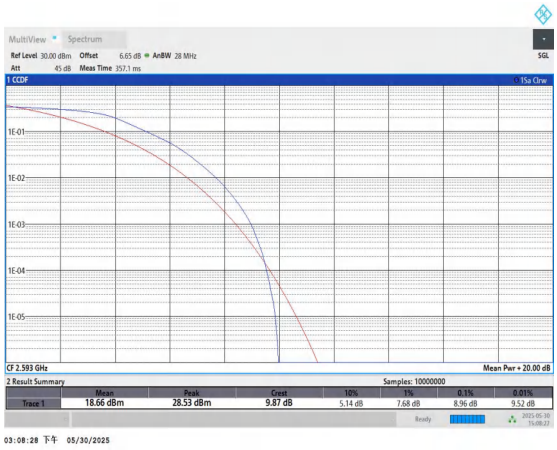


Band41-5MHz-QPSK-40620-1RB#0-PASS



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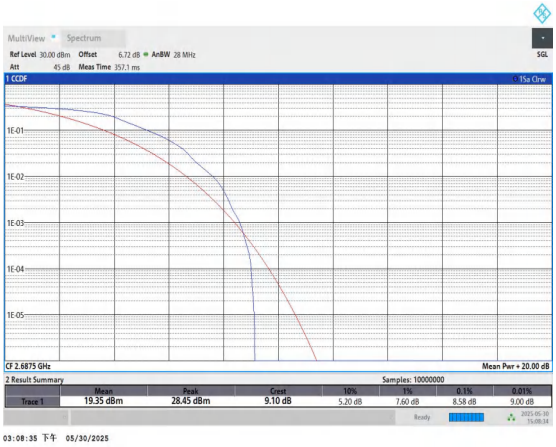

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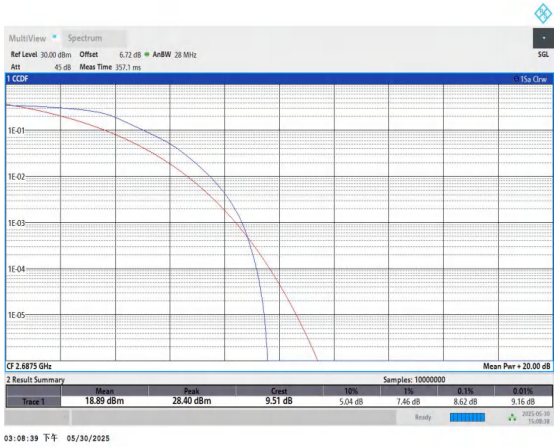
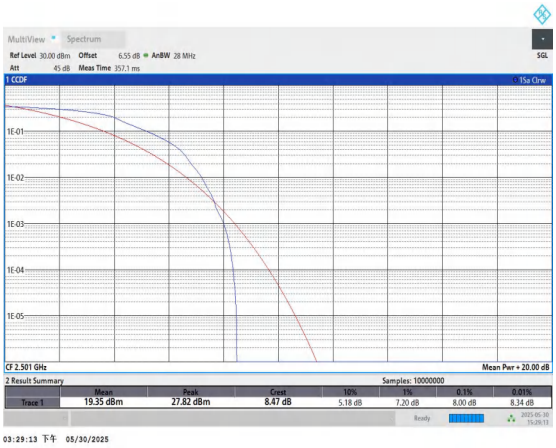
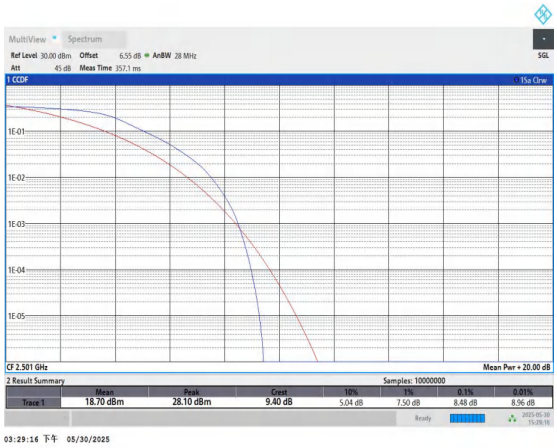


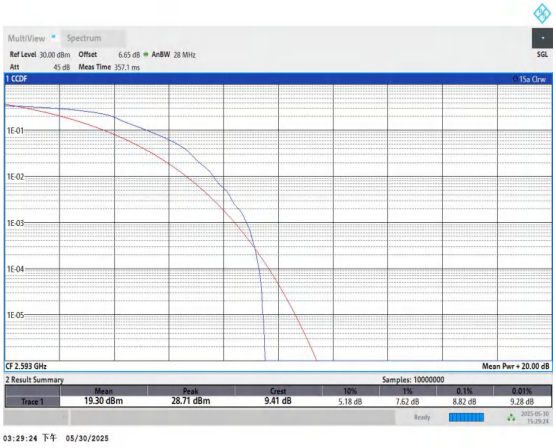
Band41-5MHz-QPSK-41565-25RB#0-PASS



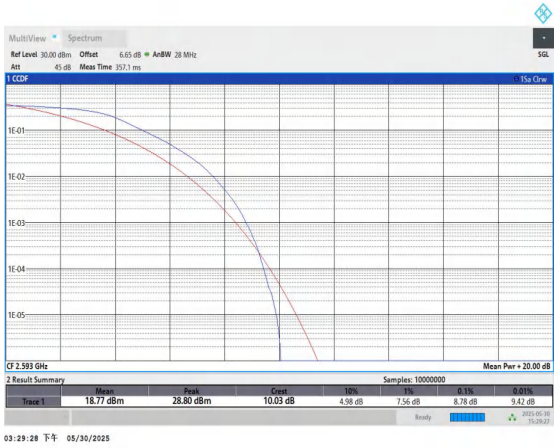
Band41-10MHz-QPSK-39700-1RB#0-PASS



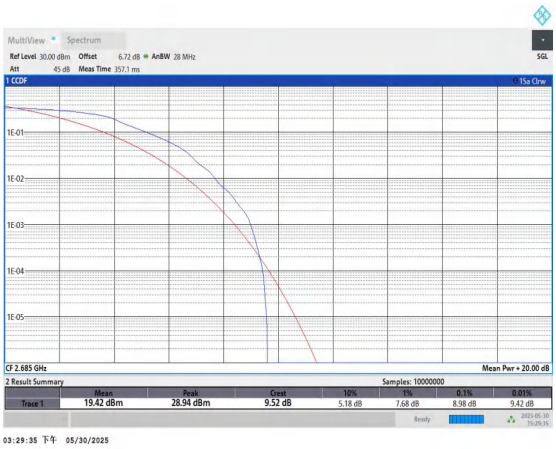
Band41-10MHz-QPSK-39700-50RB#0-PASS



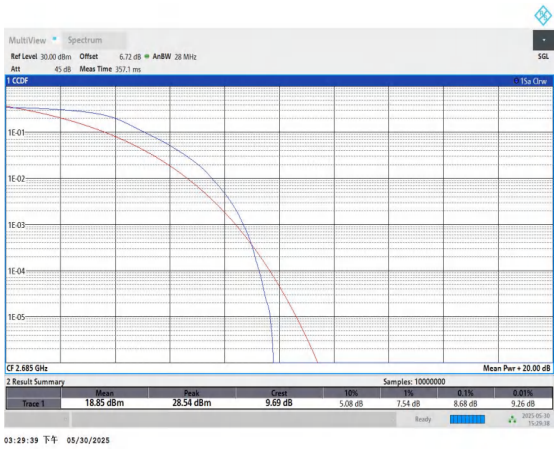
Band41-10MHz-QPSK-40620-1RB#0-PASS



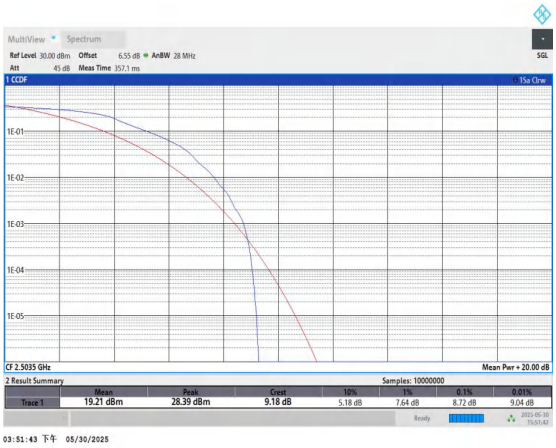
Band41-10MHz-QPSK-40620-50RB#0-PASS



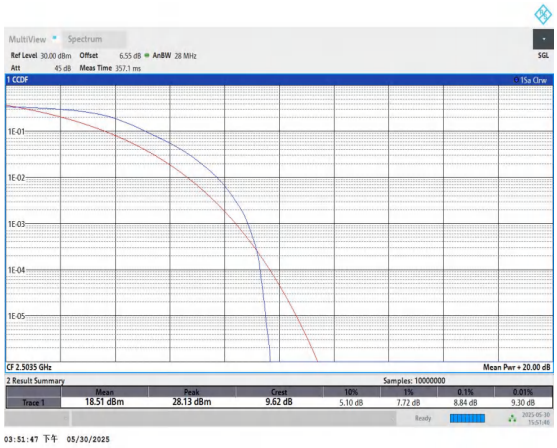
Band41-10MHz-QPSK-41540-1RB#0-PASS



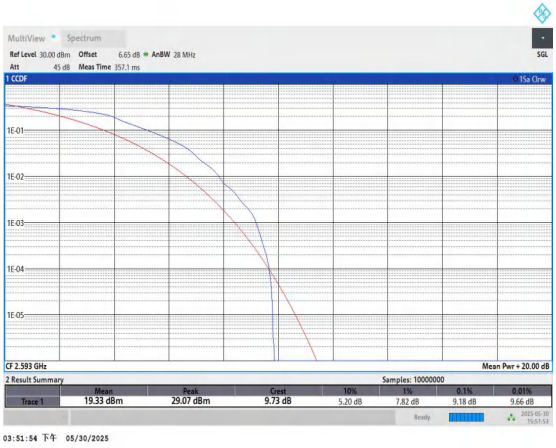
Band41-10MHz-QPSK-41540-50RB#0-PASS



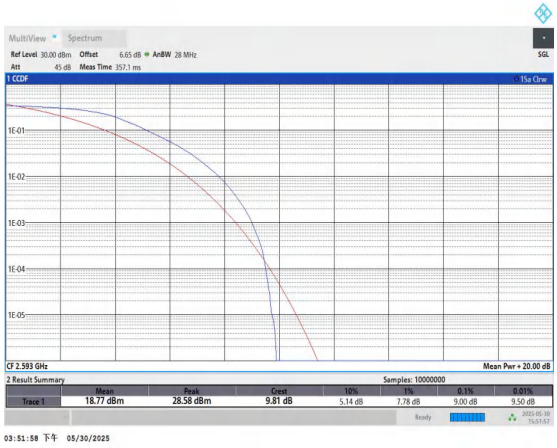
Band41-15MHz-QPSK-39725-1RB#0-PASS



Band41-15MHz-QPSK-39725-75RB#0-PASS



Band41-15MHz-QPSK-40620-1RB#0-PASS



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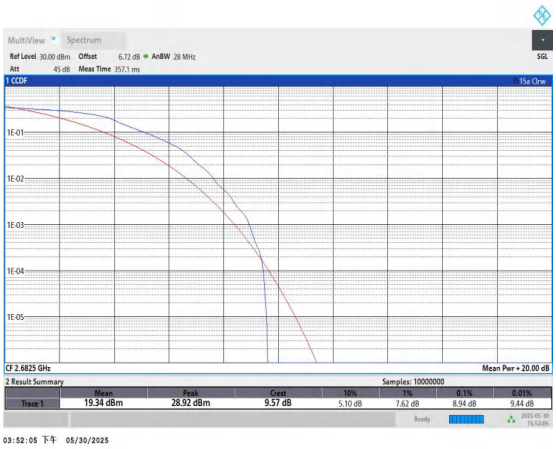

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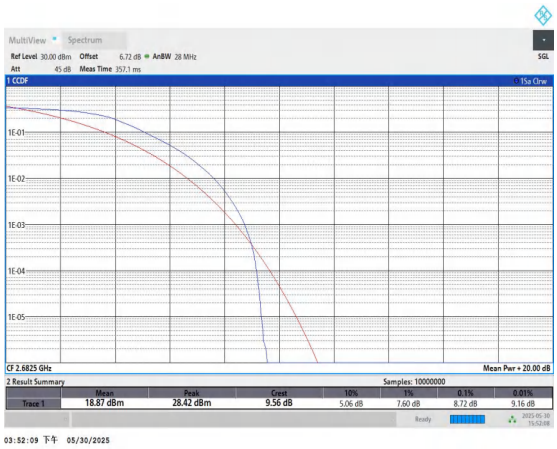

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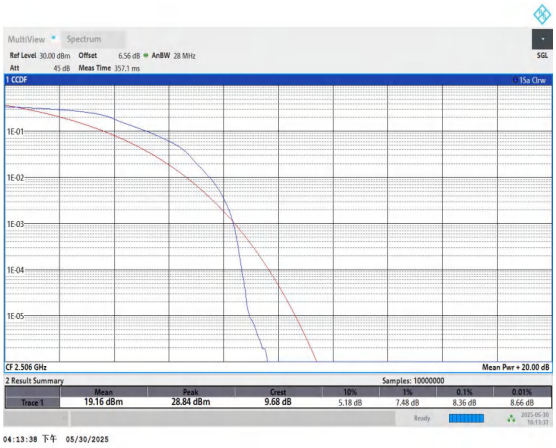
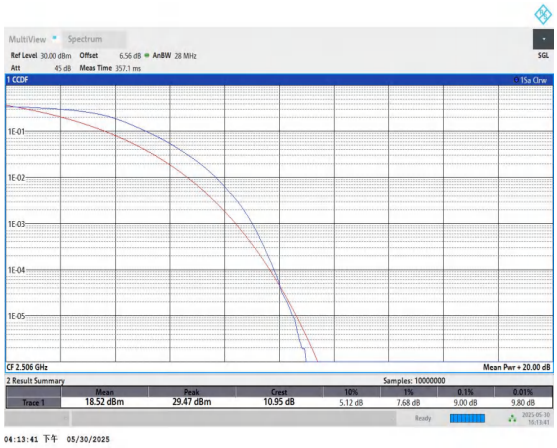
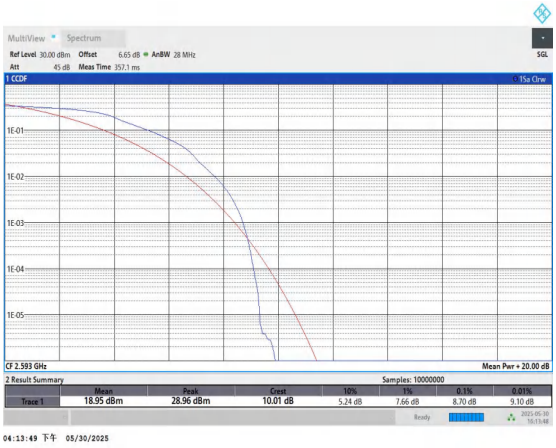


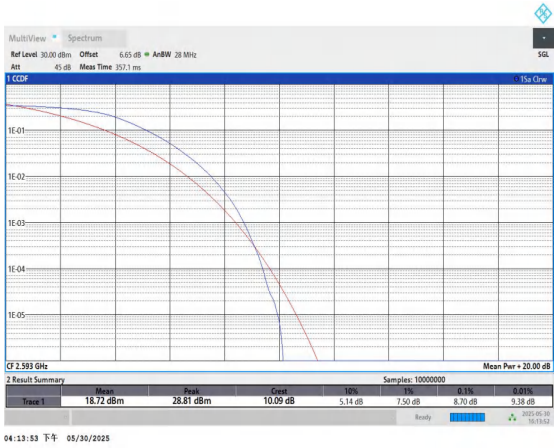
Band41-20MHz-QPSK-39750-1RB#0-PASS



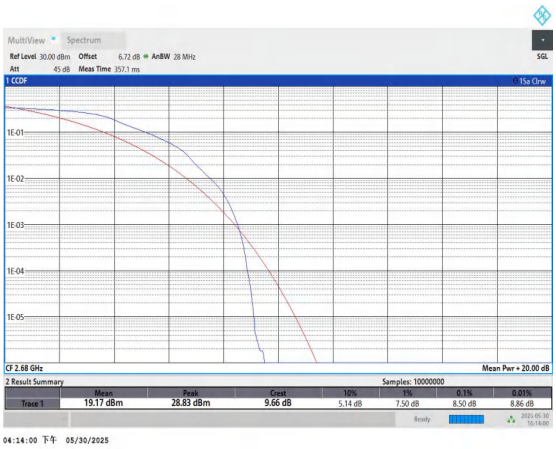
Band41-20MHz-QPSK-39750-100RB#0-PASS



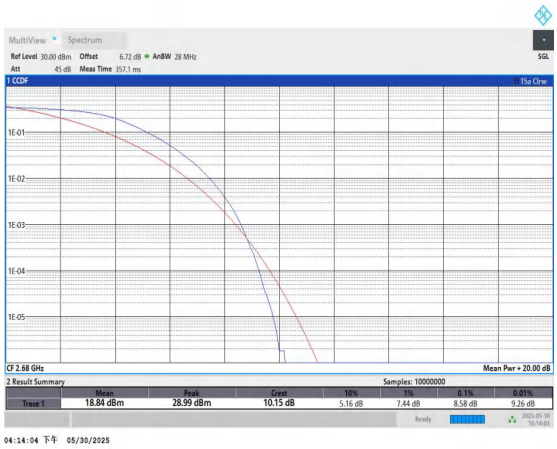
Band41-20MHz-QPSK-40620-1RB#0-PASS



Band41-20MHz-QPSK-40620-100RB#0-PASS



Band41-20MHz-QPSK-41490-1RB#0-PASS



Band41-20MHz-QPSK-41490-100RB#0-PASS

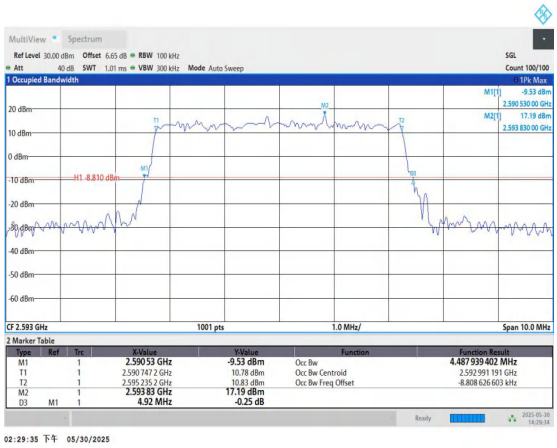
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

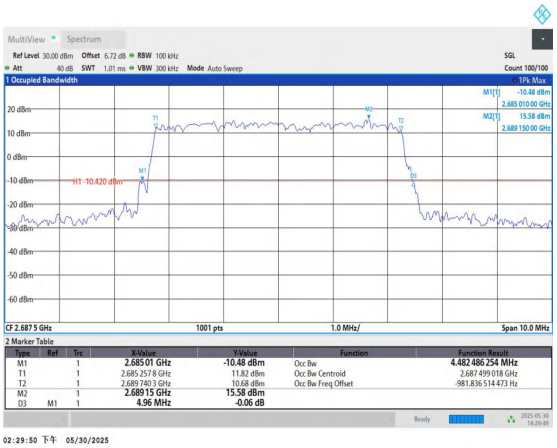
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.48	4.87	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.488	4.92	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.482	4.96	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.502	4.98	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.475	4.95	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.499	4.88	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.97	9.50	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.917	9.53	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.947	9.70	PASS
Band41	10MHz	16QAM	39700	50RB#0	9	9.73	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.978	9.63	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.973	9.57	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.492	14.85	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.395	14.20	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.368	14.25	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.438	14.15	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.336	14.25	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.367	14.35	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.879	19.20	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.883	19.20	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.878	19.20	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.896	19.60	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.785	19.07	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.853	19.33	PASS

Test Graphs

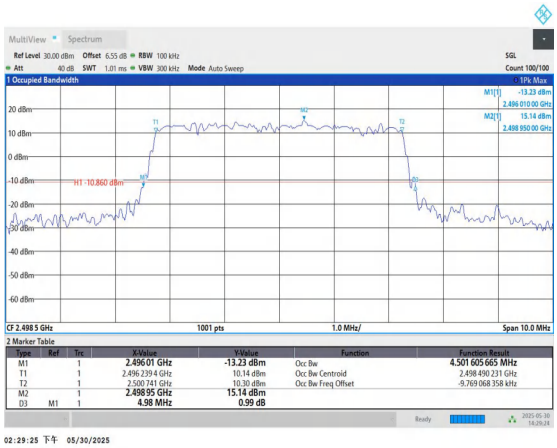
Band41-5MHz-QPSK-39675-25RB#0-PASS



Band41-5MHz-QPSK-40620-25RB#0-PASS

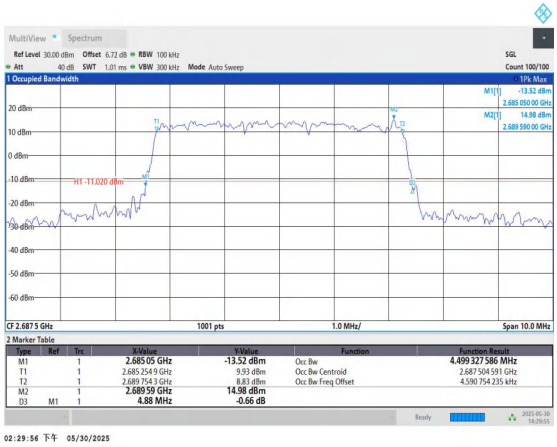


Band41-5MHz-QPSK-41565-25RB#0-PASS



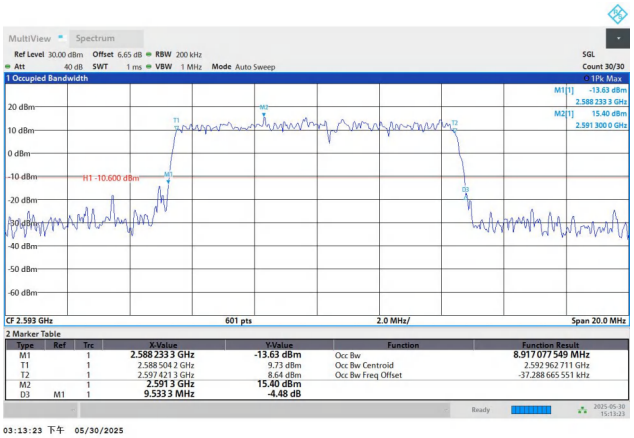
Band41-5MHz-16QAM-39675-25RB#0-PASS

Band41-5MHz-16QAM-40620-25RB#0-PASS



Band41-5MHz-16QAM-41565-25RB#0-PASS

Band41-10MHz-QPSK-39700-50RB#0-PASS



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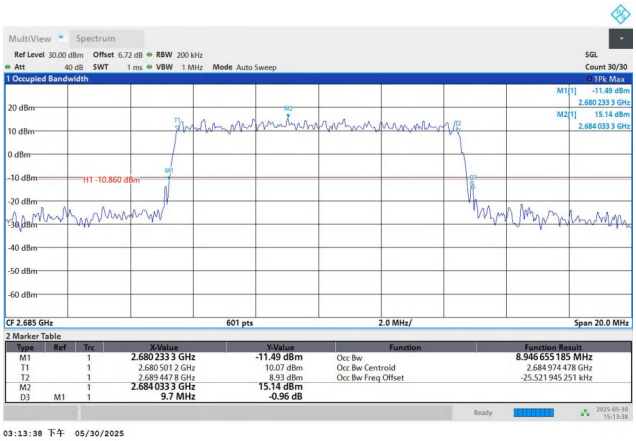
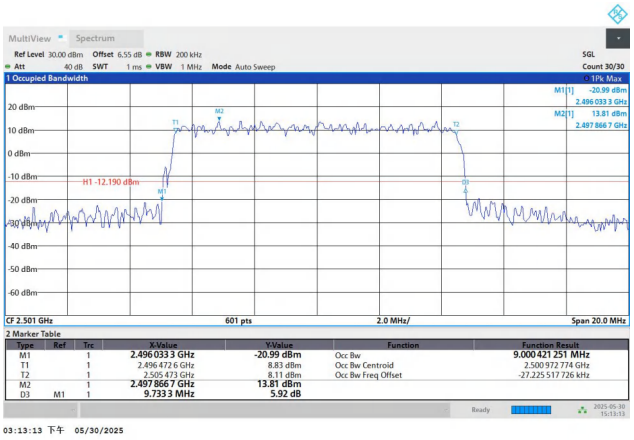


Band41-10MHz-QPSK-41540-50RB#0-PASS



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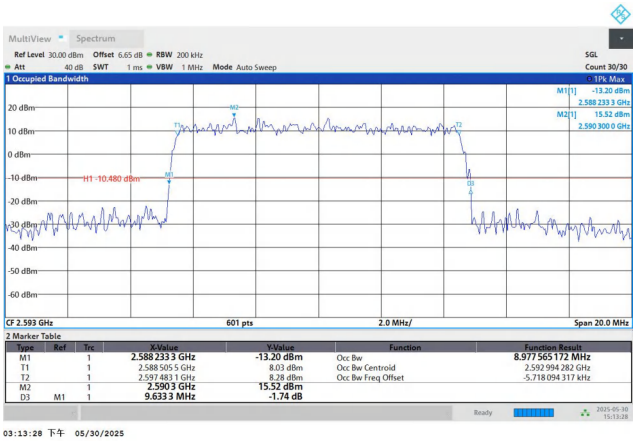
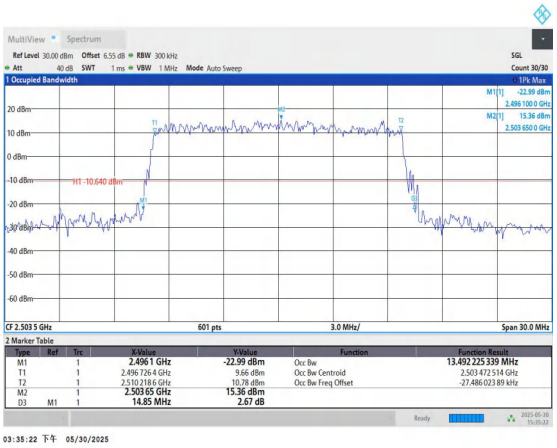
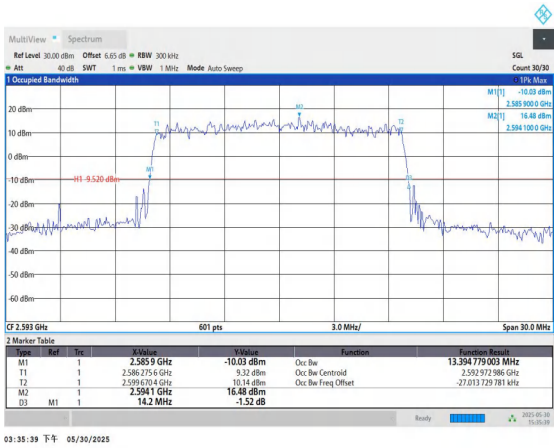


Band41-10MHz-16QAM-40620-50RB#0-PASS

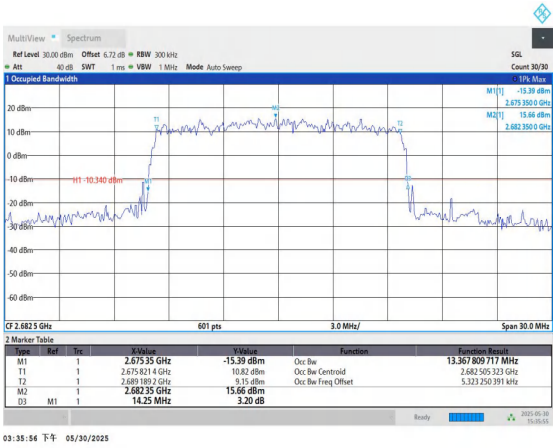
Band41-10MHz-16QAM-41540-50RB#0-PASS



Band41-15MHz-QPSK-39725-75RB#0-PASS

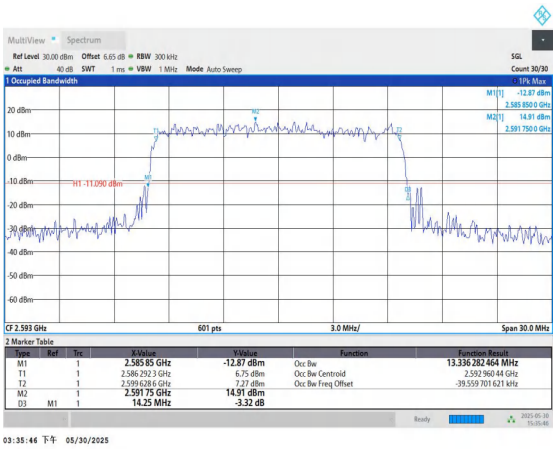


Band41-15MHz-QPSK-40620-75RB#0-PASS

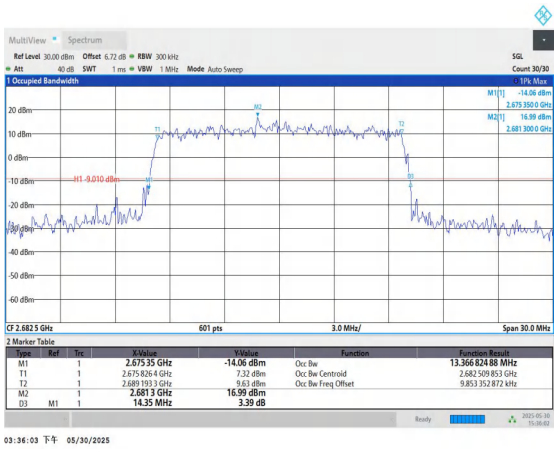


Band41-15MHz-QPSK-41515-75RB#0-PASS

Band41-15MHz-16QAM-39725-75RB#0-PASS



Band41-15MHz-16QAM-40620-75RB#0-PASS



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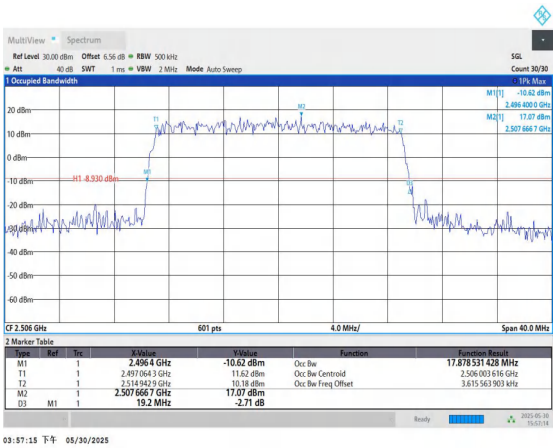
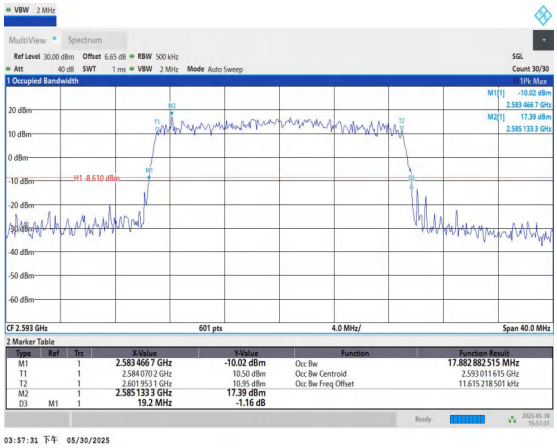
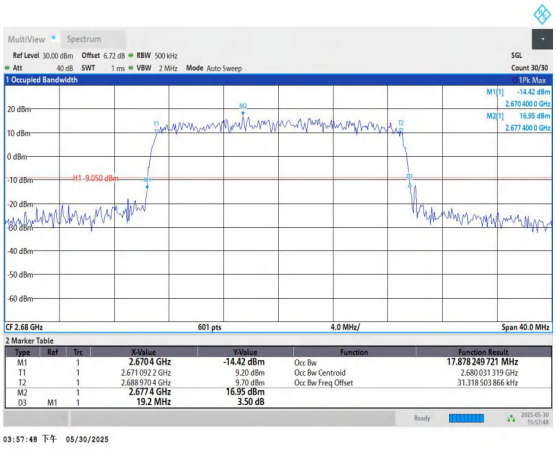


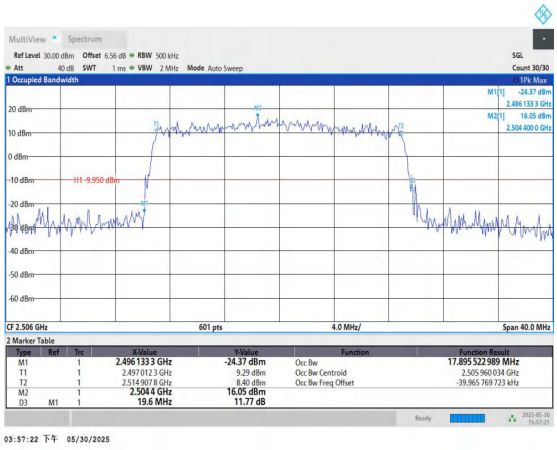
Band41-20MHz-QPSK-39750-100RB#0-PASS



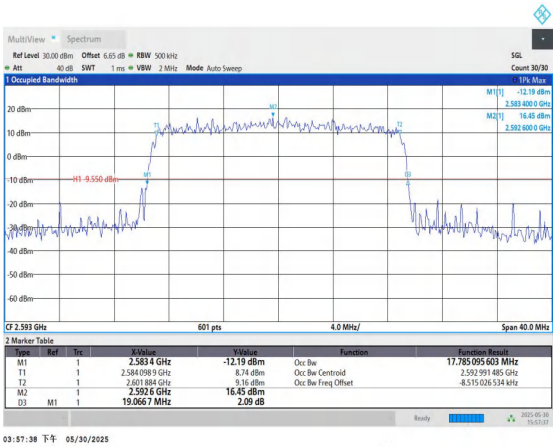
Band41-20MHz-QPSK-40620-100RB#0-PASS



Band41-20MHz-QPSK-41490-100RB#0-PASS



Band41-20MHz-16QAM-39750-100RB#0-PASS



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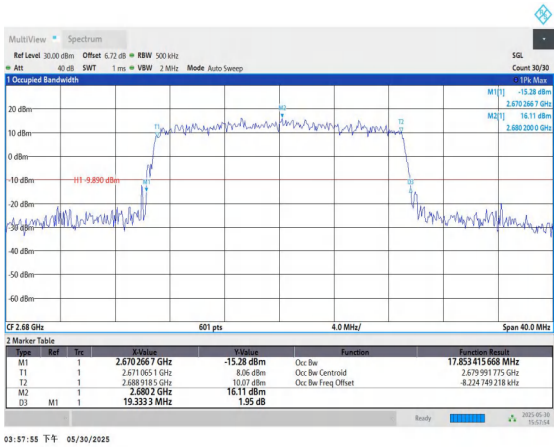

Band41-20MHz-16QAM-41490-100RB#0-PASS