



Appendix I: Test Data for E-UTRA Band 41

Product Name: Telematics Module

Test Model: 8400-13001-00

Environmental Conditions

Temperature:	23.3° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu





I.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.65	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.49	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.51	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.58	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.60	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.28	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.33	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.30	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.32	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.22	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.23	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.25	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.17	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.23	PASS
Band41	5MHz	QPSK	41565	1RB#0	20.87	PASS
Band41	5MHz	QPSK	41565	1RB#12	20.98	PASS
Band41	5MHz	QPSK	41565	1RB#24	20.99	PASS
Band41	5MHz	QPSK	41565	12RB#0	19.77	PASS
Band41	5MHz	QPSK	41565	12RB#6	19.79	PASS
Band41	5MHz	QPSK	41565	12RB#13	19.83	PASS
Band41	5MHz	QPSK	41565	25RB#0	19.77	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.36	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.47	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.23	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.85	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.71	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.64	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.72	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.73	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.72	PASS





Band41	5MHz	16QAM	40620	1RB#24	20.59	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.58	PASS
Band41	5MHz	16QAM	40620	12RB#6	19.58	PASS
Band41	5MHz	16QAM	40620	12RB#13	19.48	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.59	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.16	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.12	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.17	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.13	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.14	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.13	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.23	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.55	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.48	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.42	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.54	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.45	PASS
Band41	10MHz	QPSK	39700	25RB#25	20.37	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.52	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.51	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.40	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.32	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.36	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.38	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.02	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.13	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.04	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.07	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.09	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.05	PASS
Band41	10MHz	QPSK	41540	25RB#12	19.88	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.02	PASS
Band41	10MHz	QPSK	41540	50RB#0	19.96	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.19	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.08	PASS





Band41	10MHz	16QAM	39700	1RB#49	21.01	PASS
Band41	10MHz	16QAM	39700	25RB#0	19.81	PASS
Band41	10MHz	16QAM	39700	25RB#12	19.81	PASS
Band41	10MHz	16QAM	39700	25RB#25	19.72	PASS
Band41	10MHz	16QAM	39700	50RB#0	19.76	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.07	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.04	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.97	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.66	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.48	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.44	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.47	PASS
Band41	10MHz	16QAM	41540	1RB#0	20.45	PASS
Band41	10MHz	16QAM	41540	1RB#24	20.59	PASS
Band41	10MHz	16QAM	41540	1RB#49	20.61	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.26	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.27	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.24	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.32	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.59	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.37	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.26	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.39	PASS
Band41	15MHz	QPSK	39725	38RB#18	20.39	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.39	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.39	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.49	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.40	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.20	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.32	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.37	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.28	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.33	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.05	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.13	PASS





Band41	15MHz	QPSK	41515	1RB#74	21.10	PASS
Band41	15MHz	QPSK	41515	38RB#0	19.93	PASS
Band41	15MHz	QPSK	41515	38RB#18	19.93	PASS
Band41	15MHz	QPSK	41515	38RB#37	19.93	PASS
Band41	15MHz	QPSK	41515	75RB#0	19.93	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.21	PASS
Band41	15MHz	16QAM	39725	1RB#38	20.97	PASS
Band41	15MHz	16QAM	39725	1RB#74	20.87	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.39	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.39	PASS
Band41	15MHz	16QAM	39725	38RB#37	20.39	PASS
Band41	15MHz	16QAM	39725	75RB#0	19.72	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.19	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.04	PASS
Band41	15MHz	16QAM	40620	1RB#74	20.81	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.27	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.28	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.28	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.65	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.50	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.64	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.55	PASS
Band41	15MHz	16QAM	41515	38RB#0	19.93	PASS
Band41	15MHz	16QAM	41515	38RB#18	19.93	PASS
Band41	15MHz	16QAM	41515	38RB#37	19.93	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.32	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.12	PASS
Band41	20MHz	QPSK	39750	1RB#49	20.89	PASS
Band41	20MHz	QPSK	39750	1RB#99	20.70	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.45	PASS
Band41	20MHz	QPSK	39750	50RB#25	20.47	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.24	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.30	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.48	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.32	PASS





Band41	20MHz	QPSK	40620	1RB#99	21.19	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.36	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.38	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.19	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.32	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.19	PASS
Band41	20MHz	QPSK	41490	1RB#49	20.99	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.09	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.07	PASS
Band41	20MHz	QPSK	41490	50RB#25	19.93	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.09	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.02	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.84	PASS
Band41	20MHz	16QAM	39750	1RB#49	20.77	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.66	PASS
Band41	20MHz	16QAM	39750	50RB#0	19.85	PASS
Band41	20MHz	16QAM	39750	50RB#25	19.85	PASS
Band41	20MHz	16QAM	39750	50RB#50	19.67	PASS
Band41	20MHz	16QAM	39750	100RB#0	19.60	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.30	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.28	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.89	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.85	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.85	PASS
Band41	20MHz	16QAM	40620	50RB#50	19.76	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.70	PASS
Band41	20MHz	16QAM	41490	1RB#0	20.77	PASS
Band41	20MHz	16QAM	41490	1RB#49	20.64	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.78	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.45	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.46	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.41	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.31	PASS





I.2 Peak-to-Average Ratio(CCDF)

Test Result

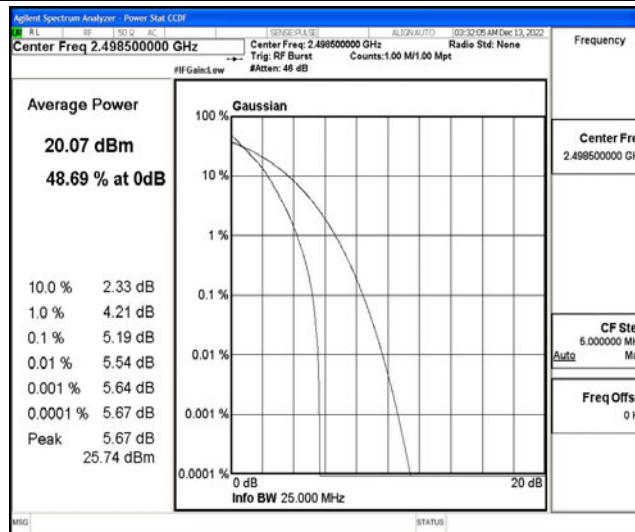
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	5.19	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.30	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.25	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	5.82	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	5.94	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.86	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.25	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.37	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.29	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.91	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.05	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	5.95	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.59	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.64	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.55	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.12	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.19	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.12	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.32	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.42	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.37	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.05	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.10	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.04	13	PASS



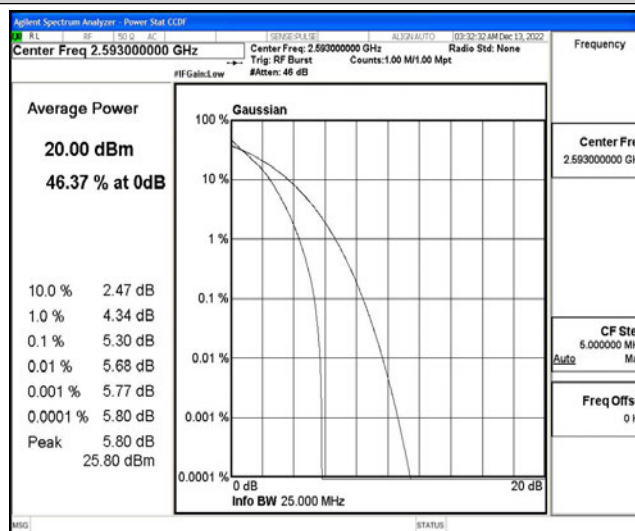


Test Graphs

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

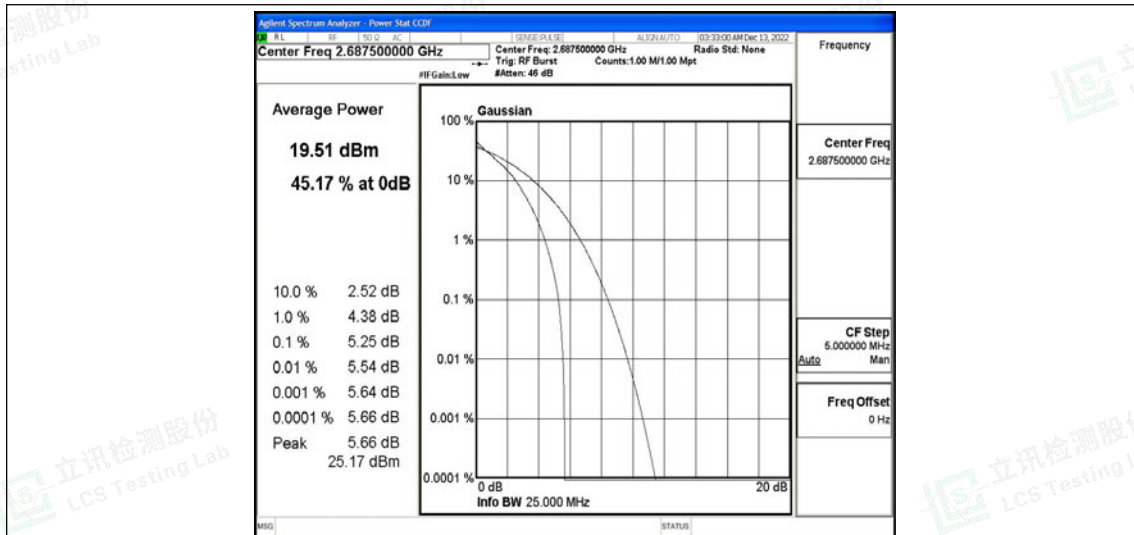


Band41-5MHz-QPSK-40620-25RB#0

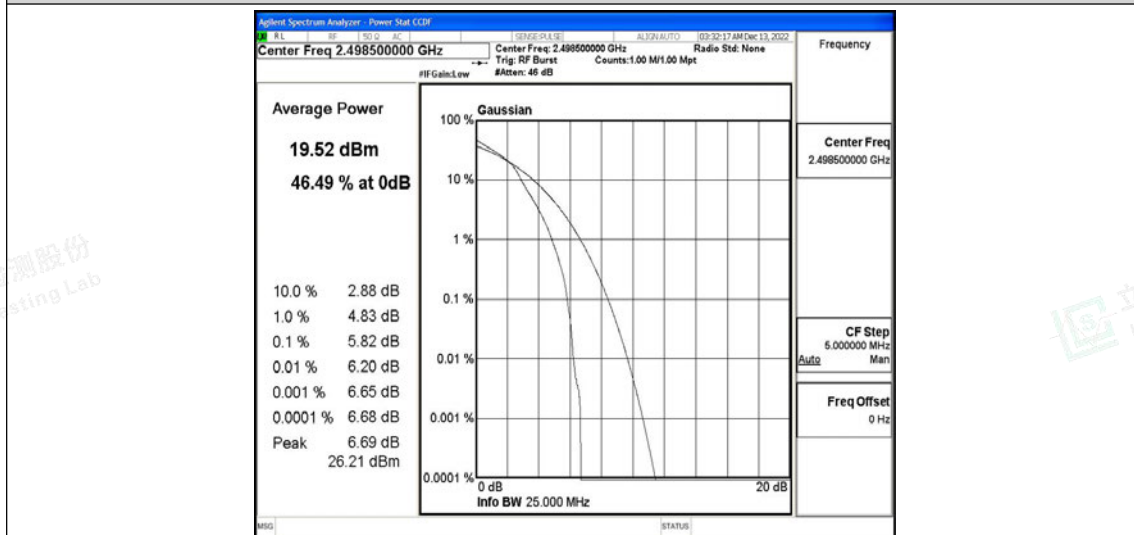


Band41-5MHz-QPSK-41565-25RB#0

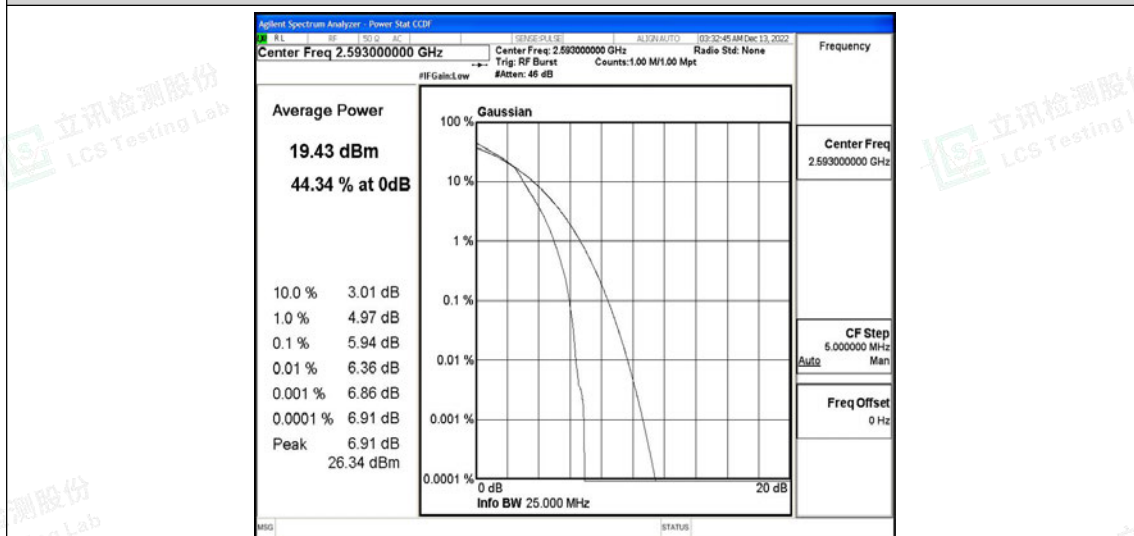




Band41-5MHz-16QAM-39675-25RB#0

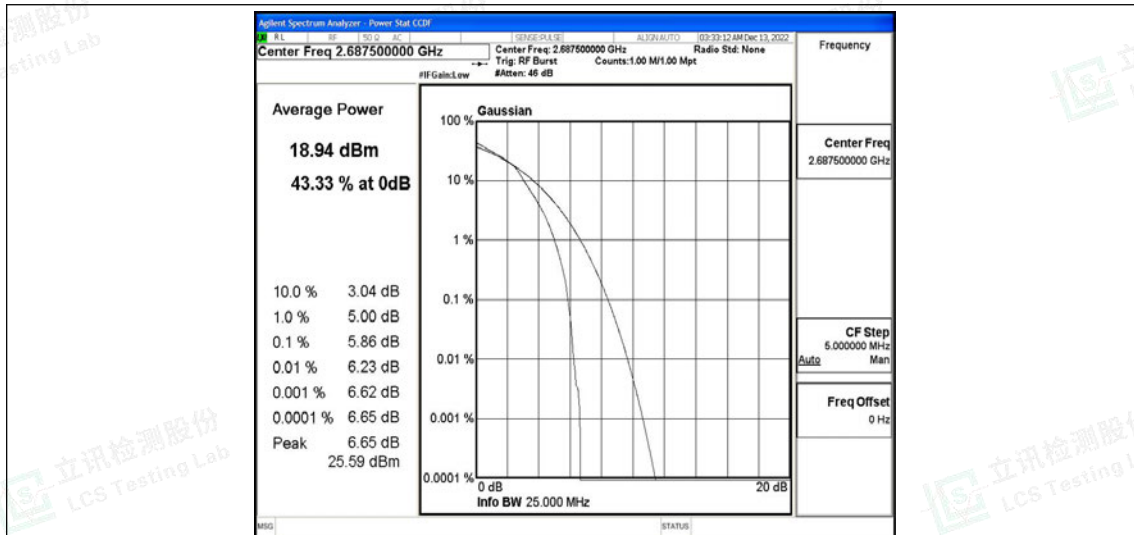


Band41-5MHz-16QAM-40620-25RB#0

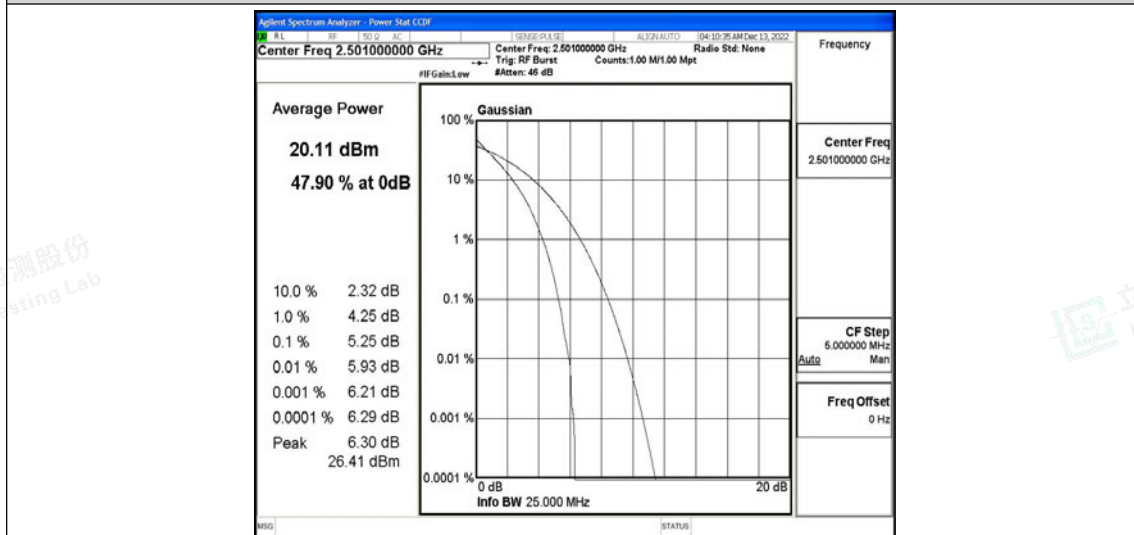


Band41-5MHz-16QAM-41565-25RB#0

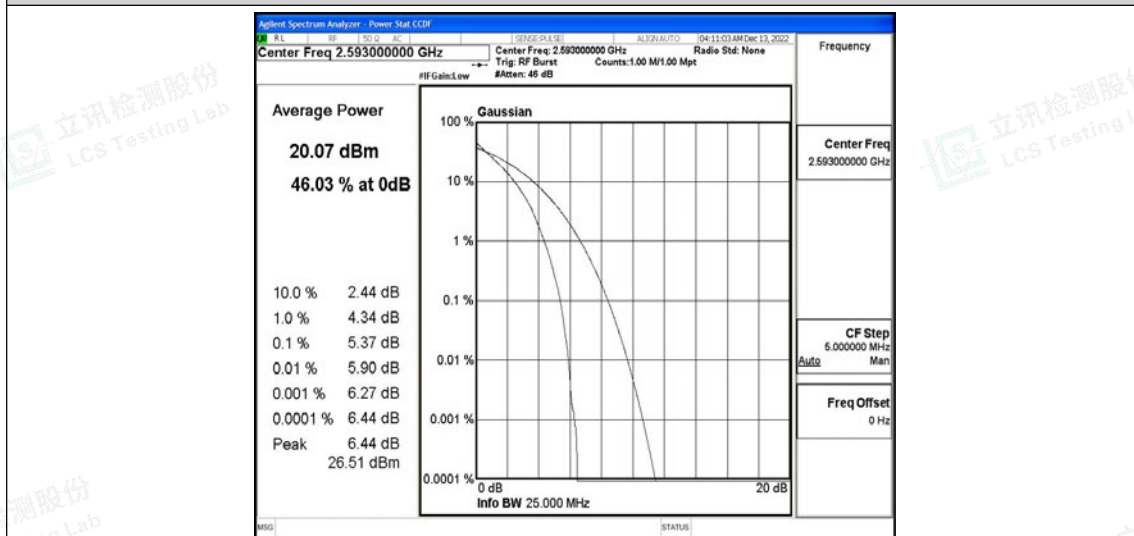




Band41-10MHz-QPSK-39700-50RB#0

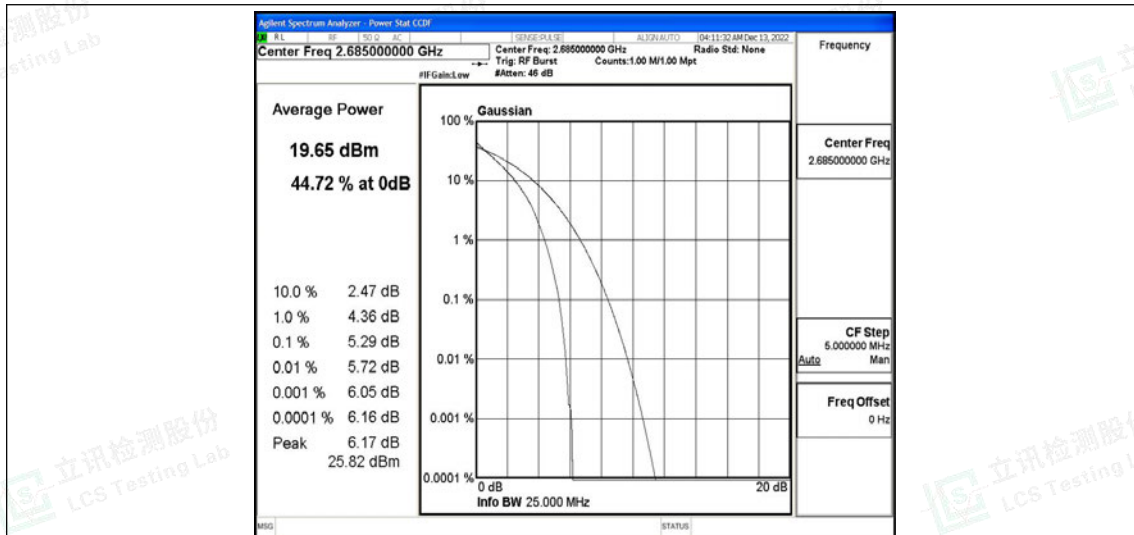


Band41-10MHz-QPSK-40620-50RB#0

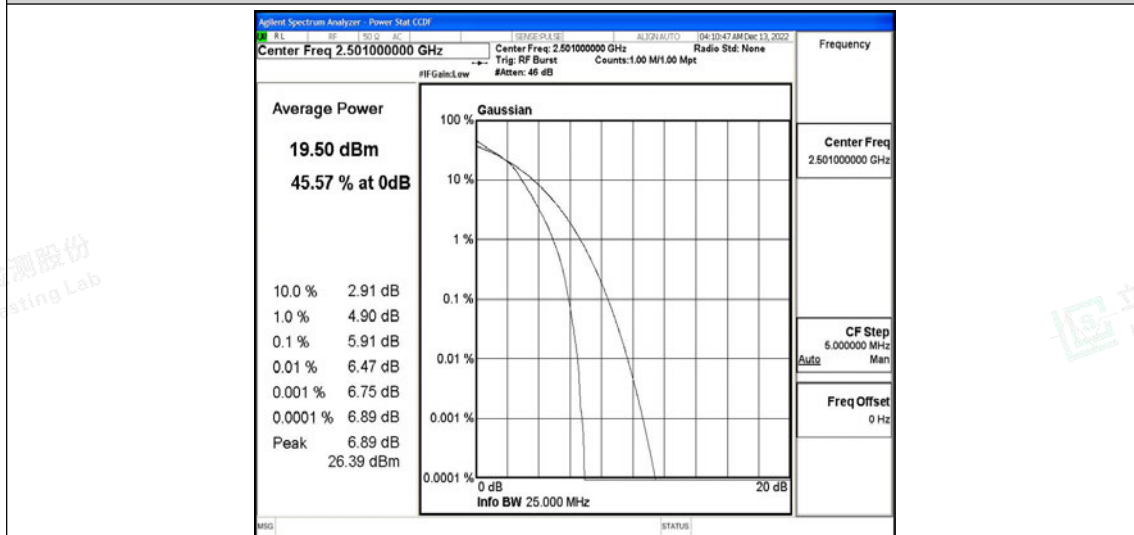


Band41-10MHz-QPSK-41540-50RB#0

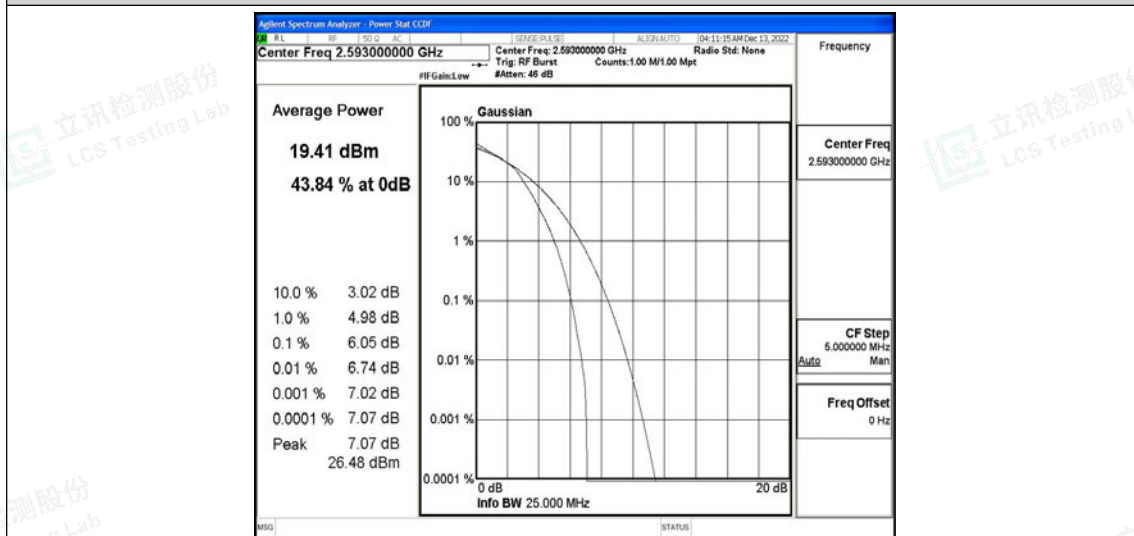




Band41-10MHz-16QAM-39700-50RB#0

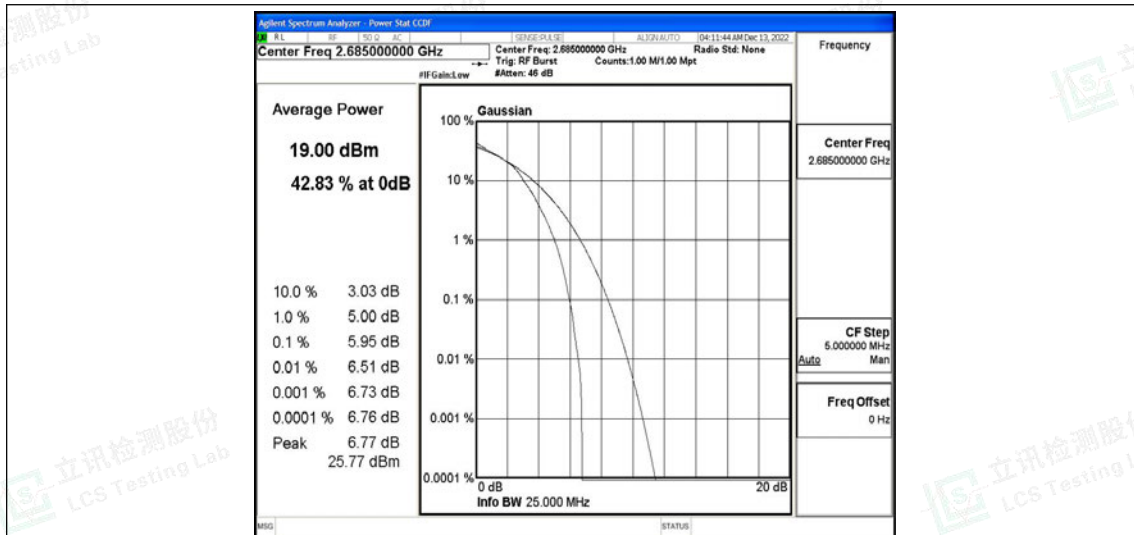


Band41-10MHz-16QAM-40620-50RB#0

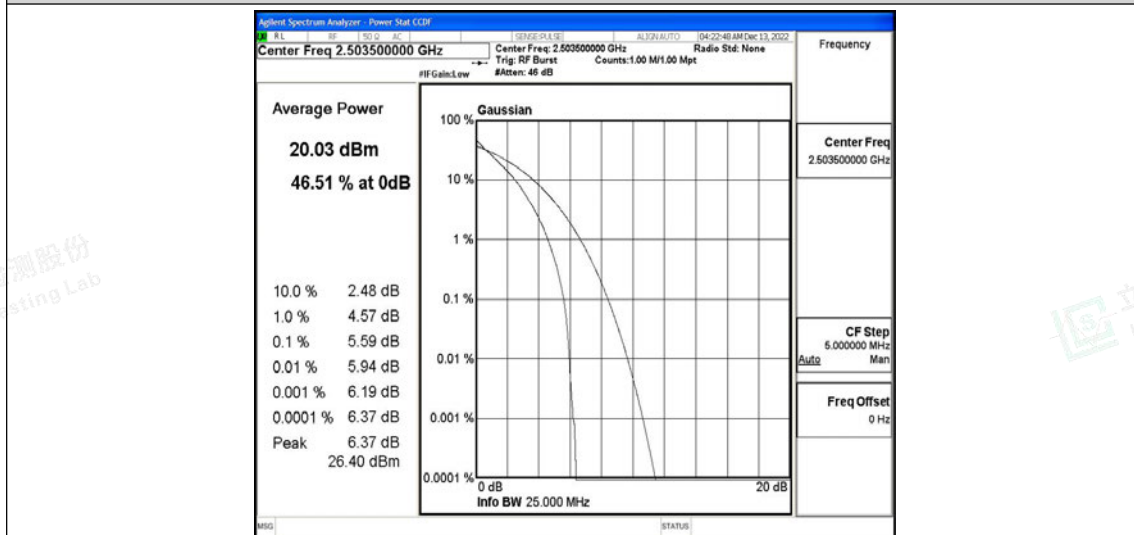


Band41-10MHz-16QAM-41540-50RB#0

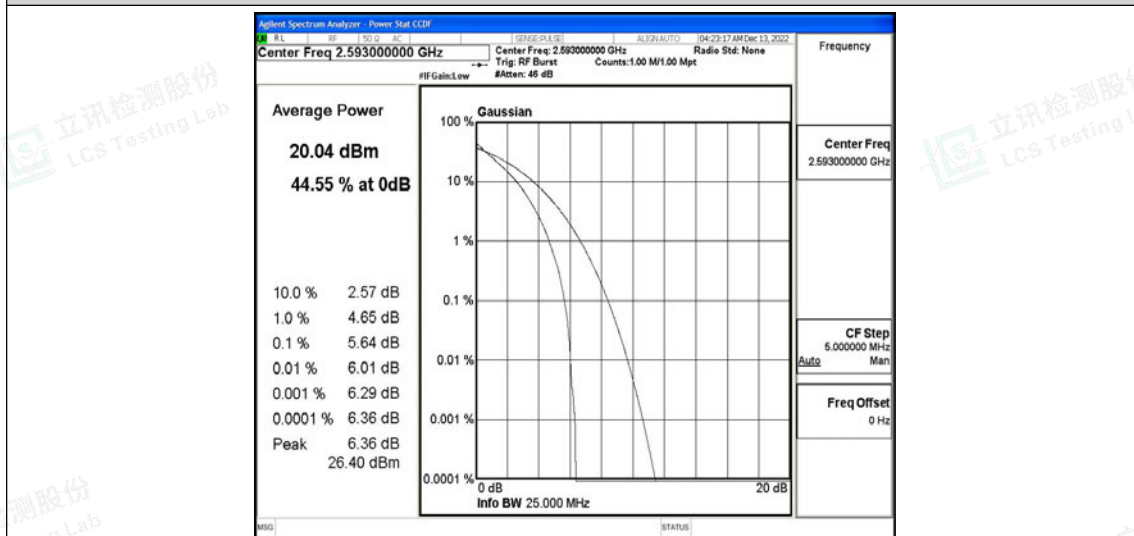




Band41-15MHz-QPSK-39725-75RB#0

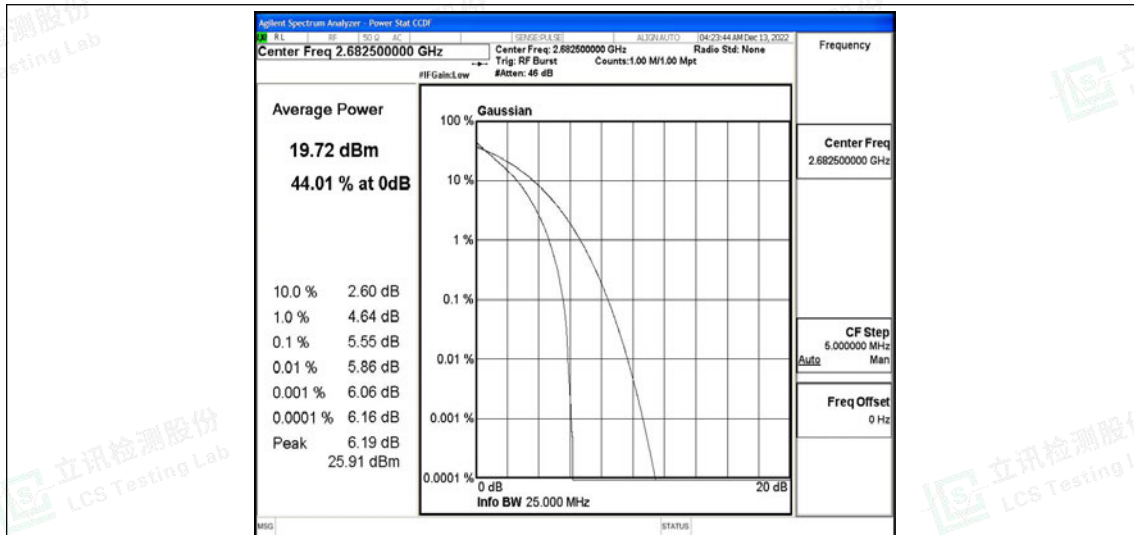


Band41-15MHz-QPSK-40620-75RB#0

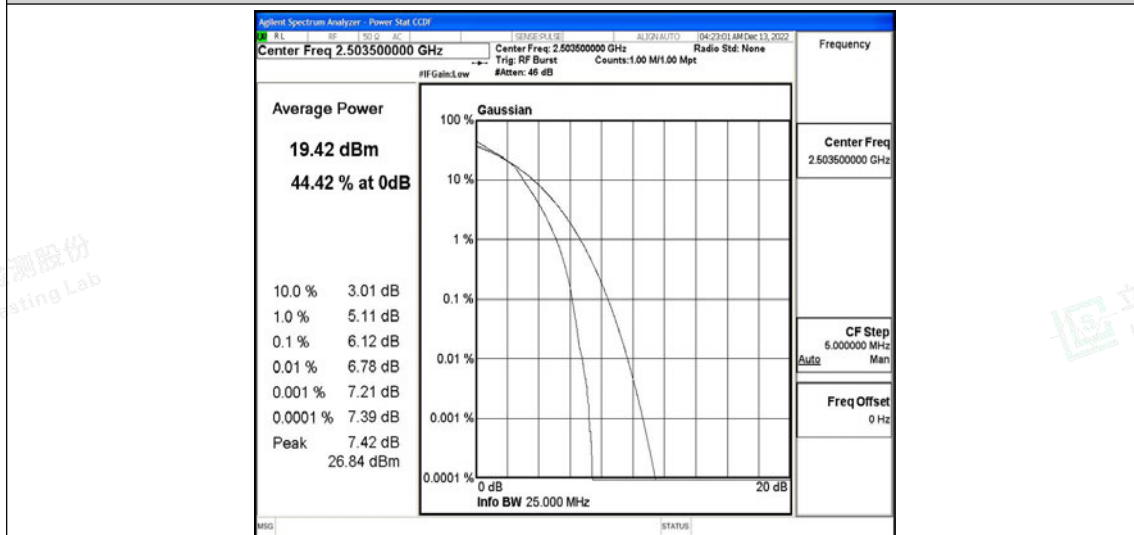


Band41-15MHz-QPSK-41515-75RB#0

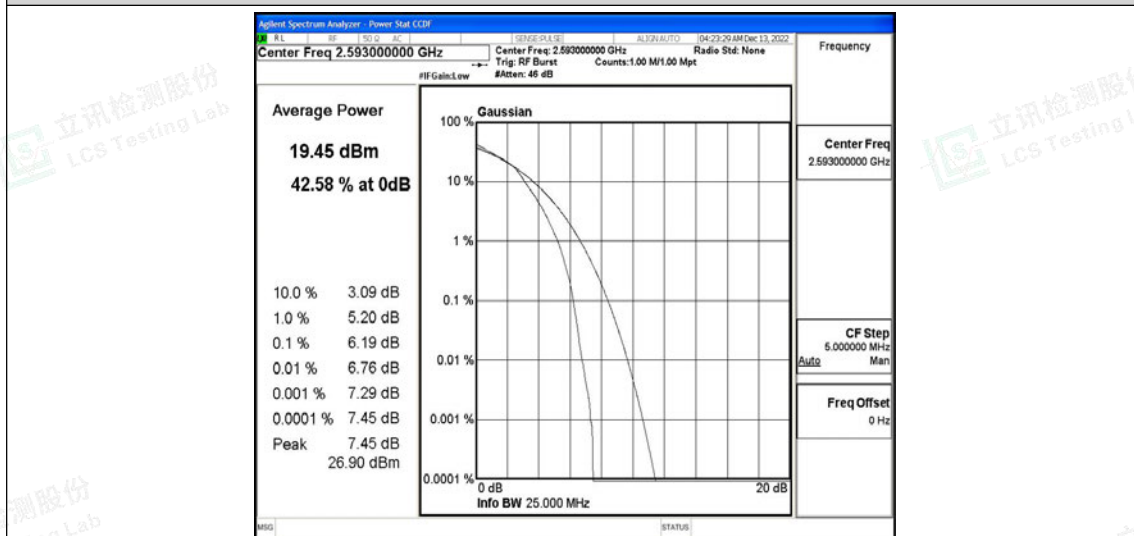




Band41-15MHz-16QAM-39725-75RB#0

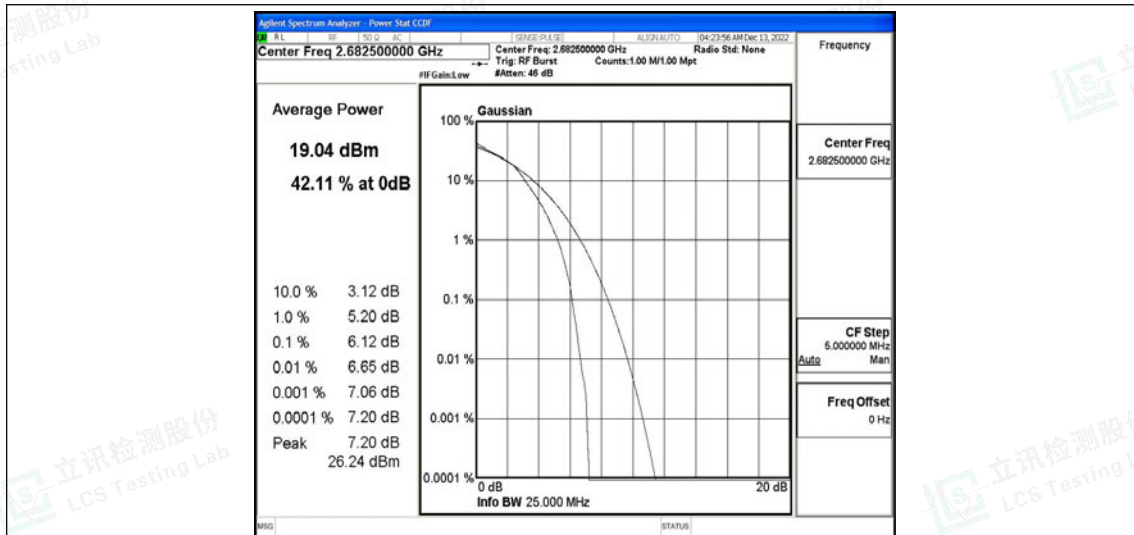


Band41-15MHz-16QAM-40620-75RB#0

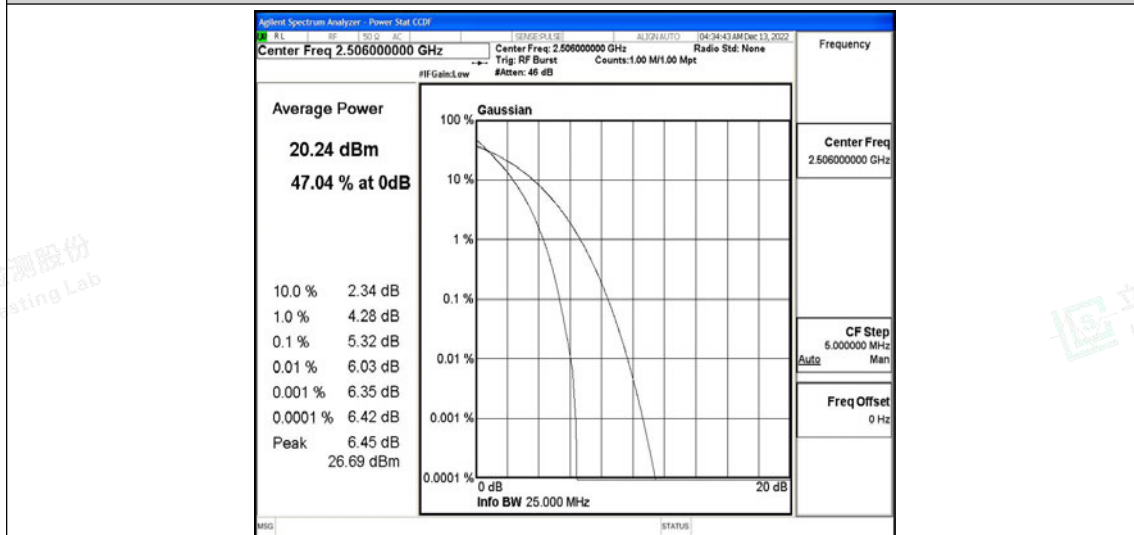


Band41-15MHz-16QAM-41515-75RB#0

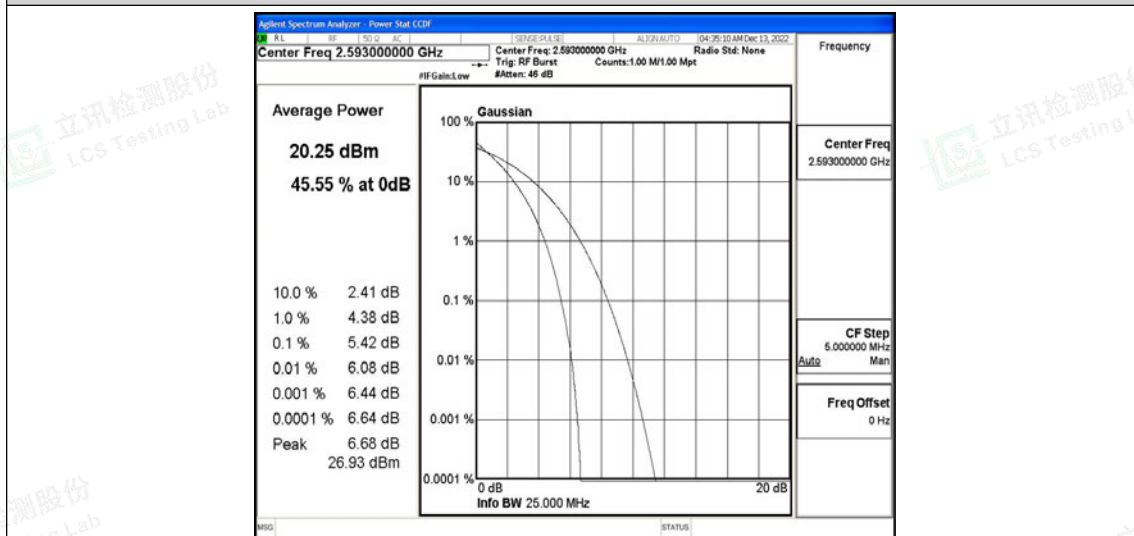




Band41-20MHz-QPSK-39750-100RB#0

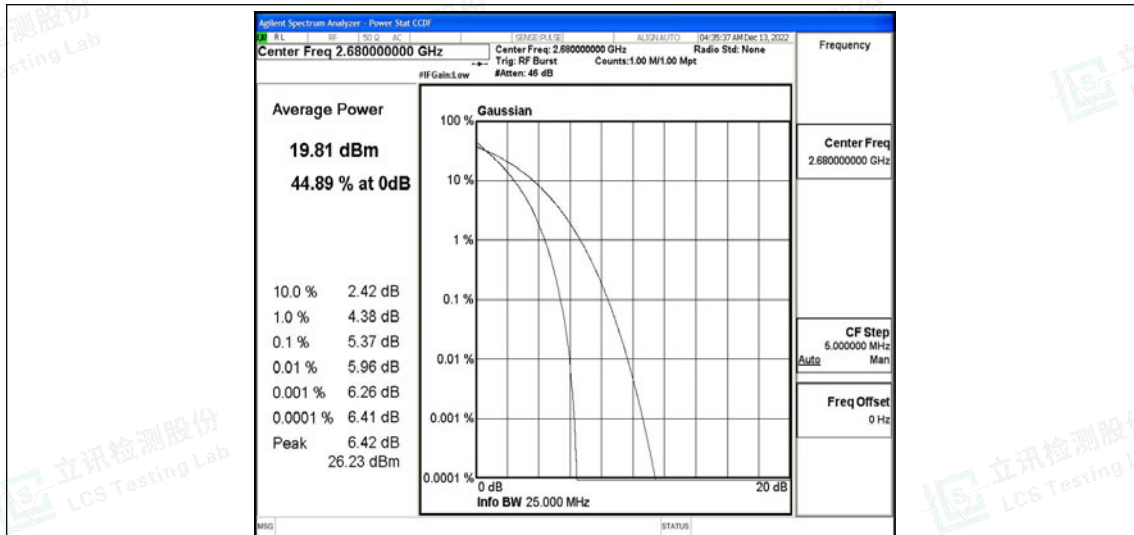


Band41-20MHz-QPSK-40620-100RB#0

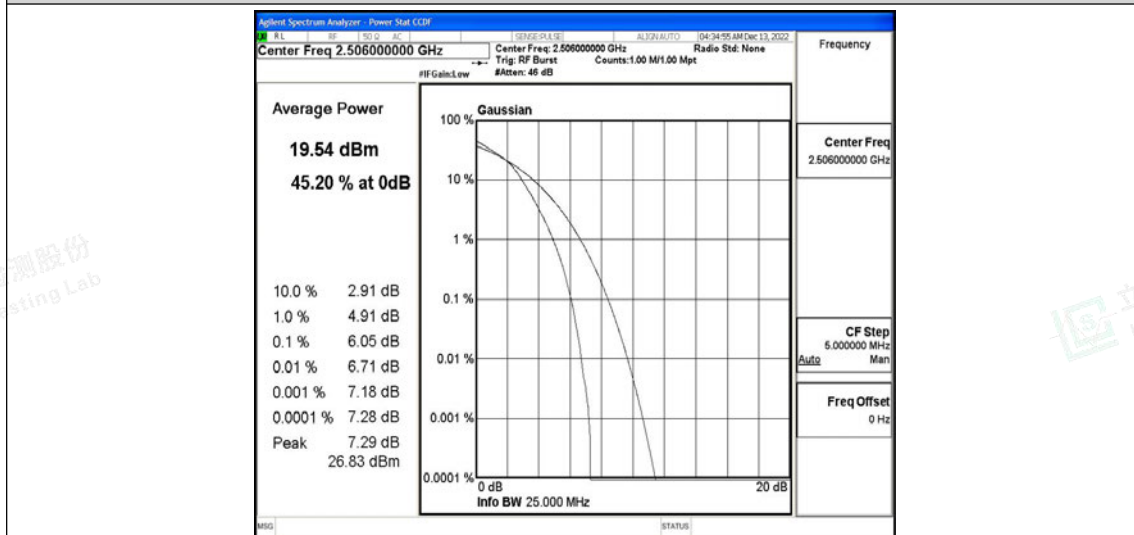


Band41-20MHz-QPSK-41490-100RB#0

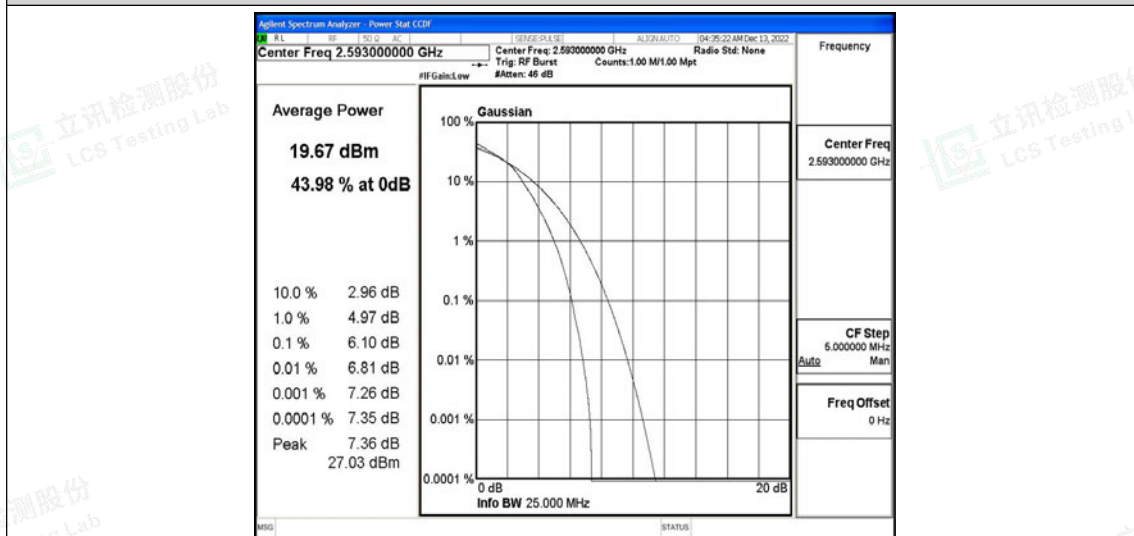




Band41-20MHz-16QAM-39750-100RB#0

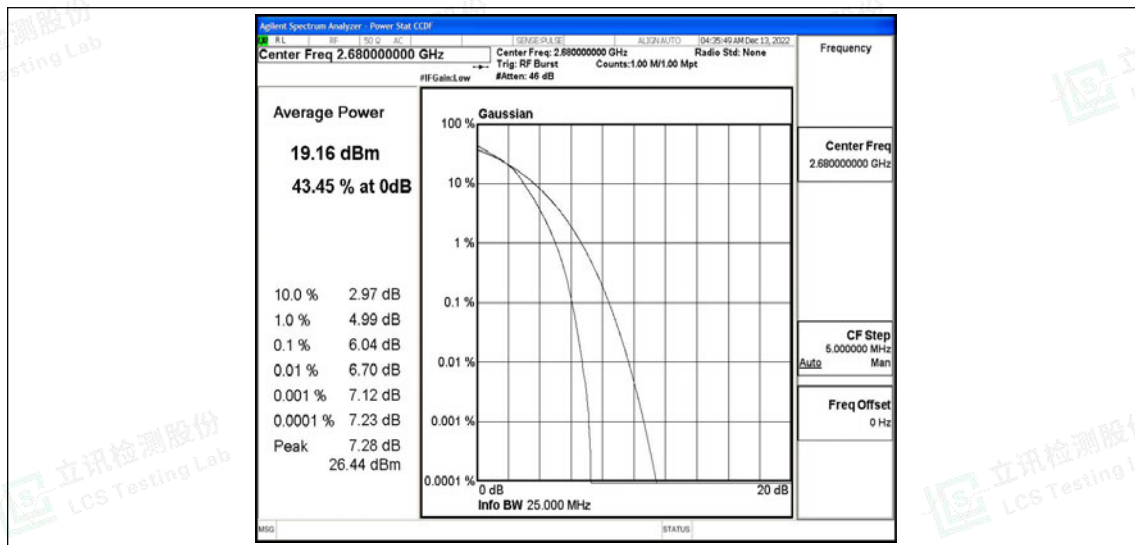


Band41-20MHz-16QAM-40620-100RB#0



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







I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

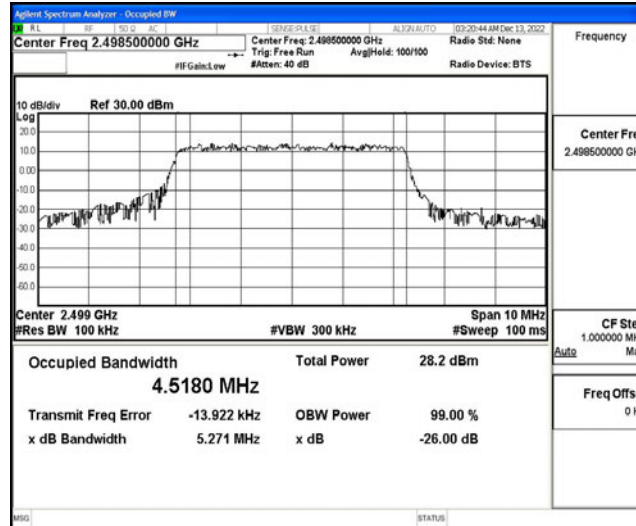
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5180	5.271	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5148	5.178	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4990	5.235	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5059	5.524	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5134	5.380	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5075	5.471	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.0108	10.03	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9878	10.12	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9798	10.09	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9800	9.869	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9815	9.955	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0016	9.948	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.571	15.98	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.453	15.72	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.413	15.75	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.507	15.66	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.488	15.42	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.484	15.34	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.059	20.55	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.028	19.62	PASS
Band41	20MHz	QPSK	41490	100RB#0	18.015	19.44	PASS
Band41	20MHz	16QAM	39750	100RB#0	18.037	20.03	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.007	20.83	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.969	19.60	PASS



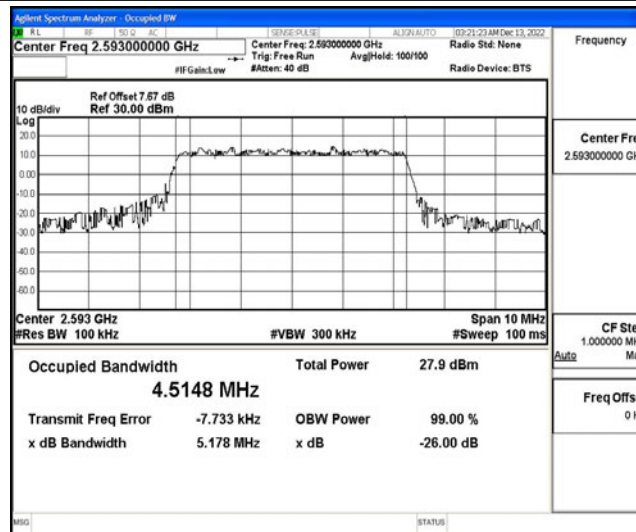


Test Graphs

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

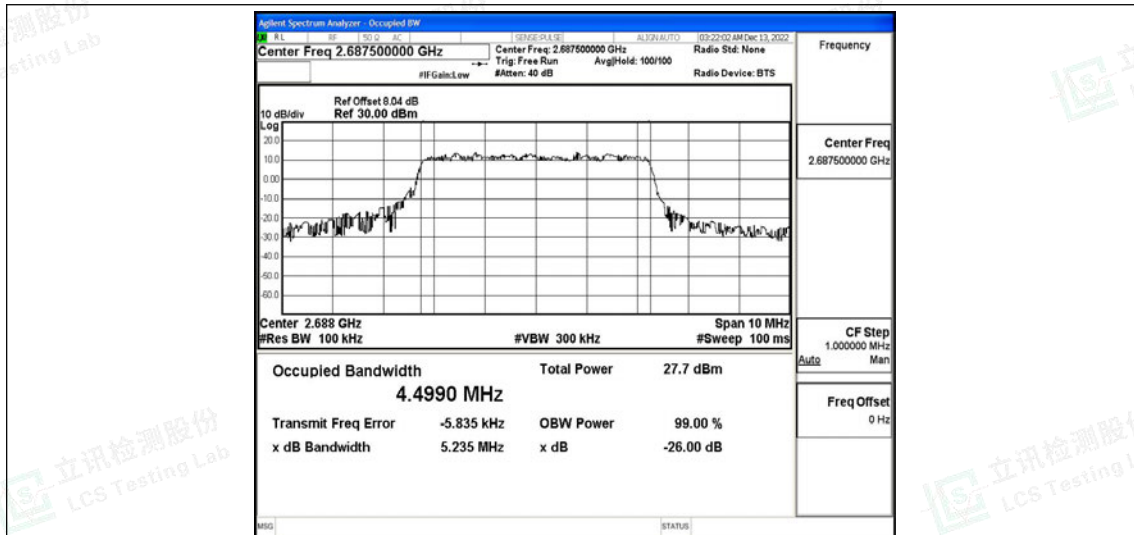


Band41-5MHz-QPSK-40620-25RB#0

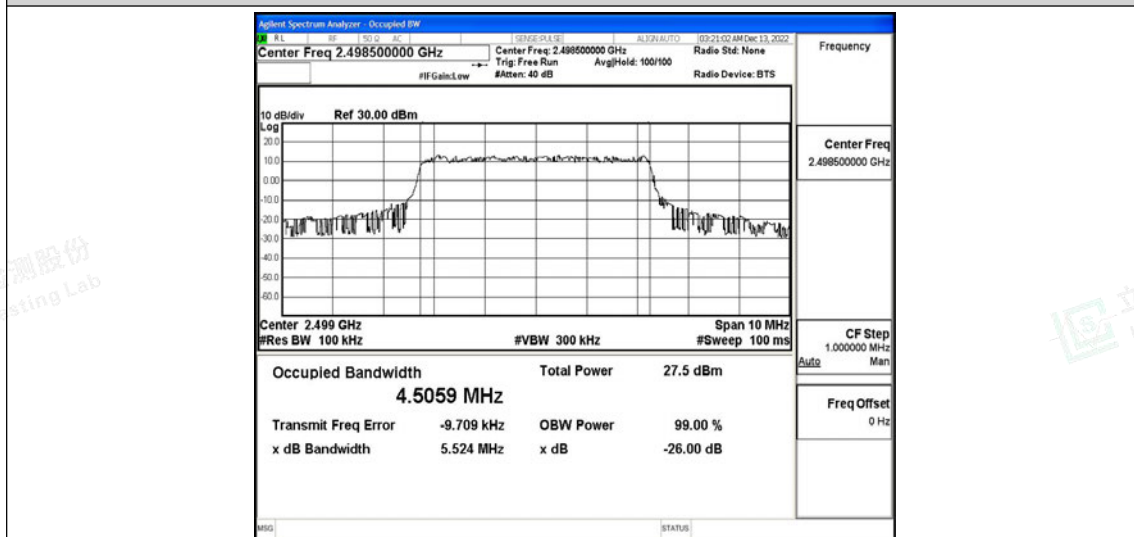


Band41-5MHz-QPSK-41565-25RB#0

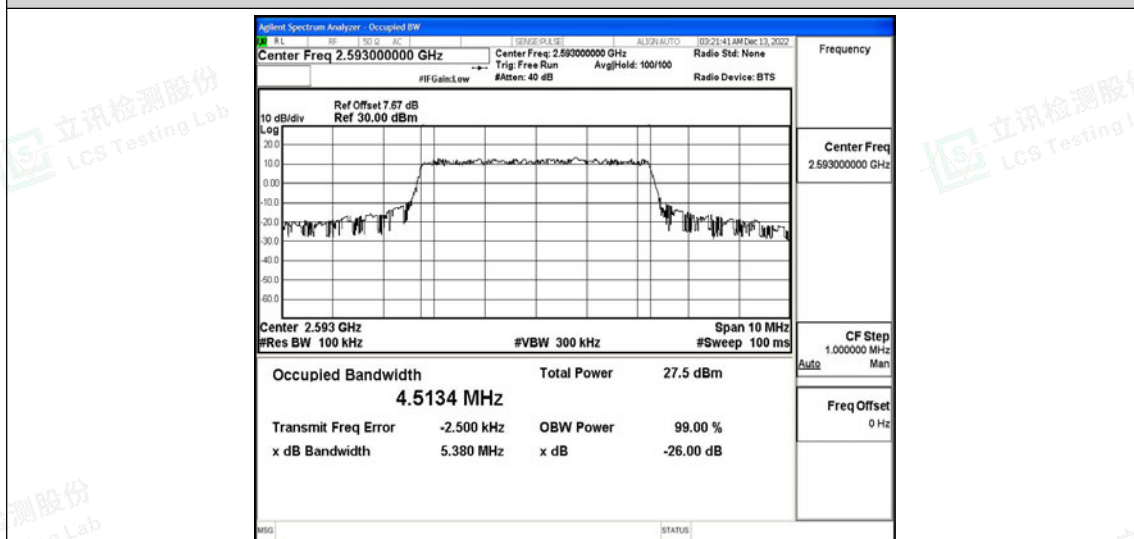




Band41-5MHz-16QAM-39675-25RB#0

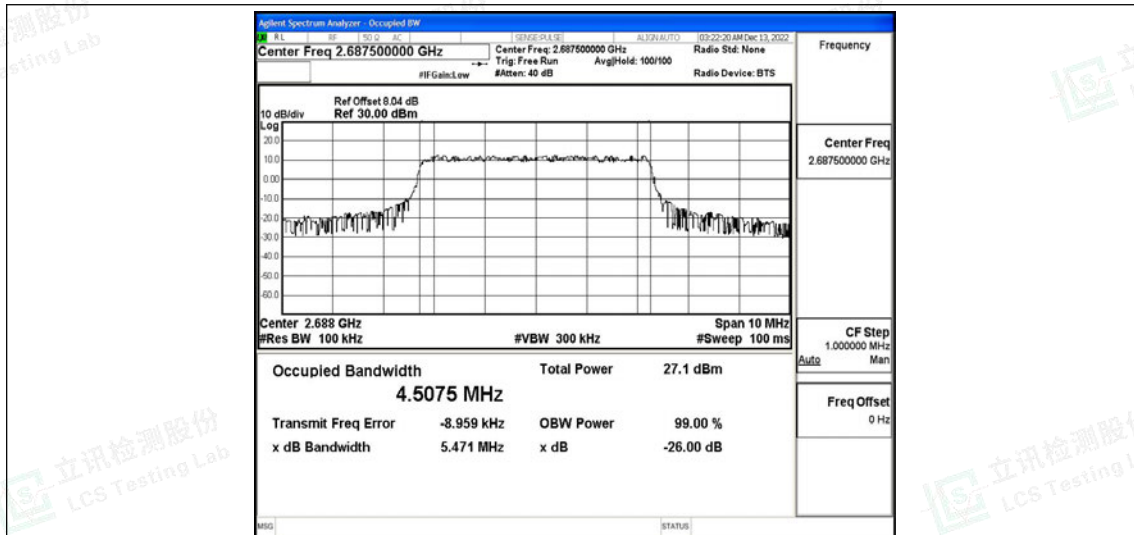


Band41-5MHz-16QAM-40620-25RB#0

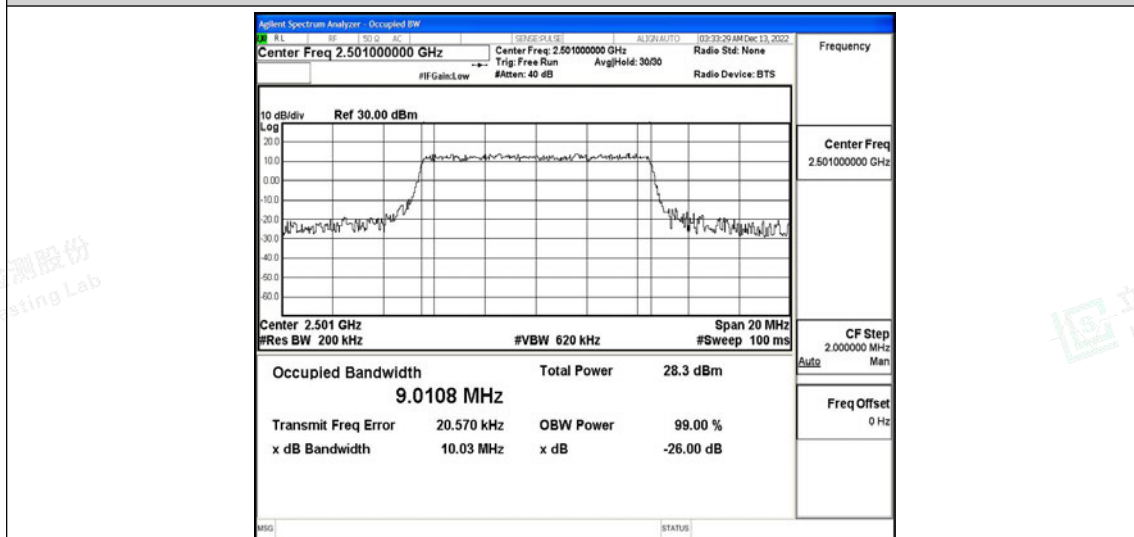


Band41-5MHz-16QAM-41565-25RB#0

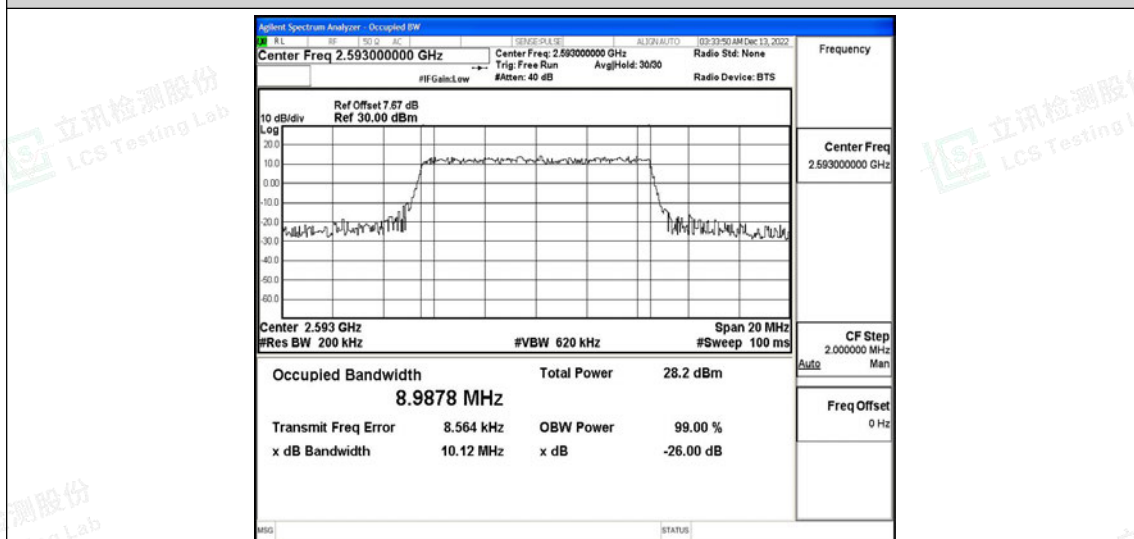




Band41-10MHz-QPSK-39700-50RB#0

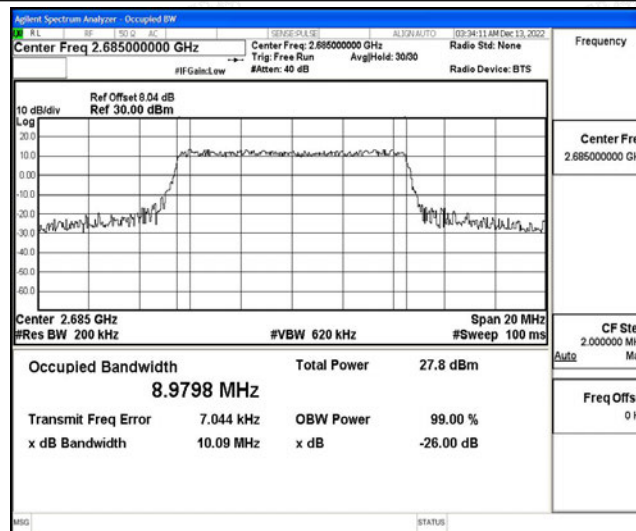


Band41-10MHz-QPSK-40620-50RB#0

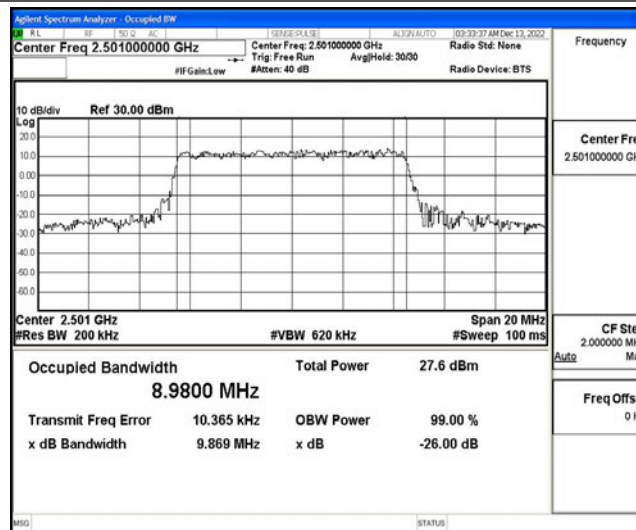


Band41-10MHz-QPSK-41540-50RB#0

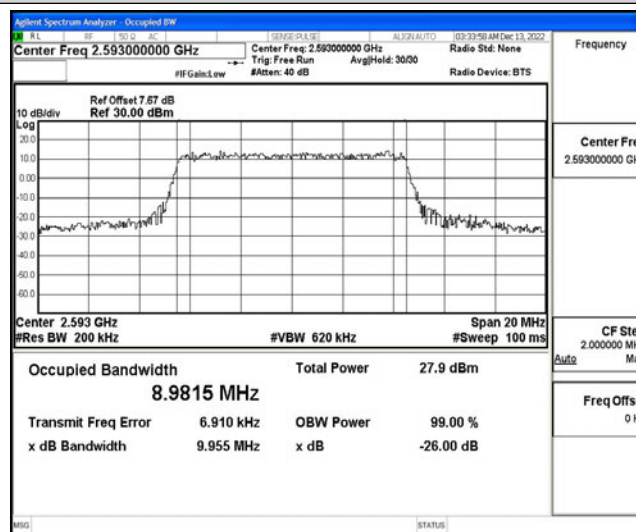




Band41-10MHz-16QAM-39700-50RB#0

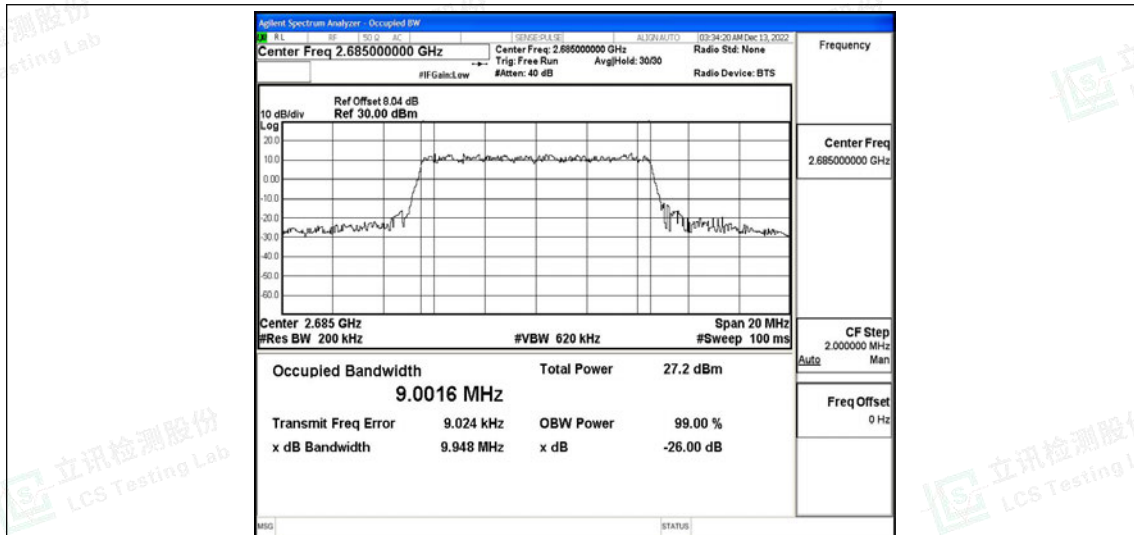


Band41-10MHz-16QAM-40620-50RB#0

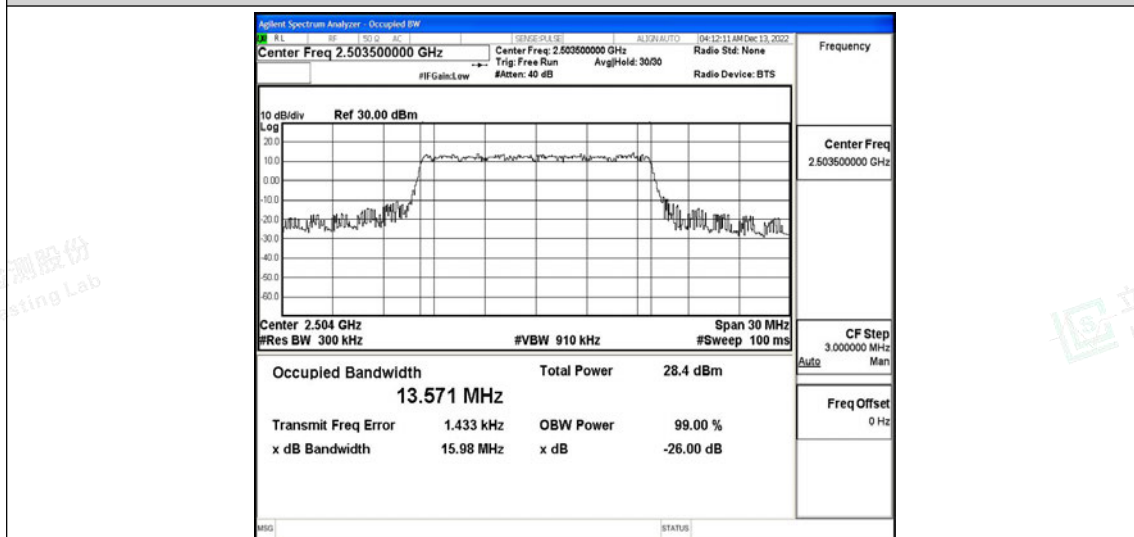


Band41-10MHz-16QAM-41540-50RB#0

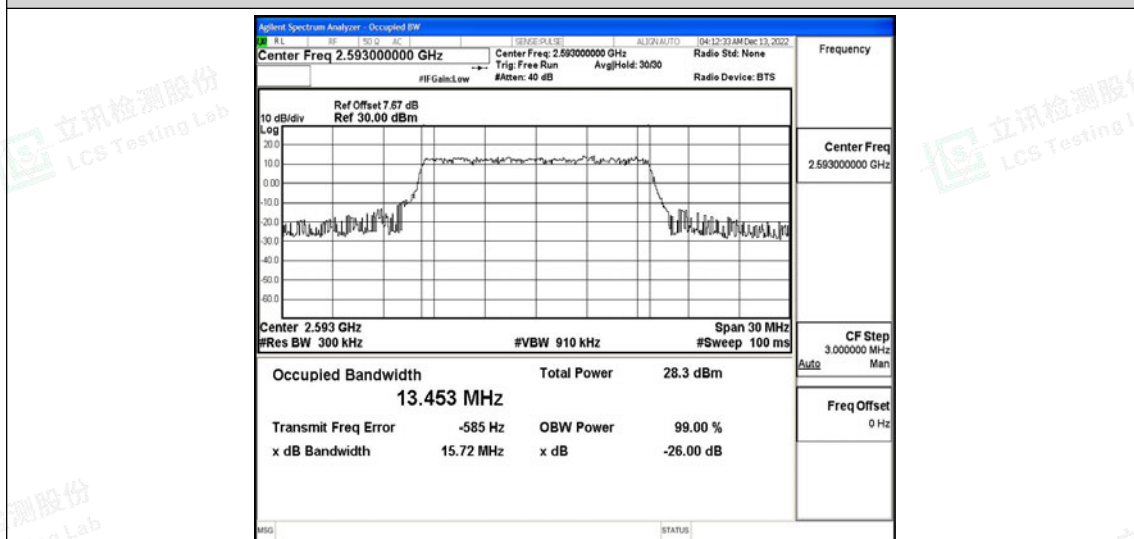




Band41-15MHz-QPSK-39725-75RB#0

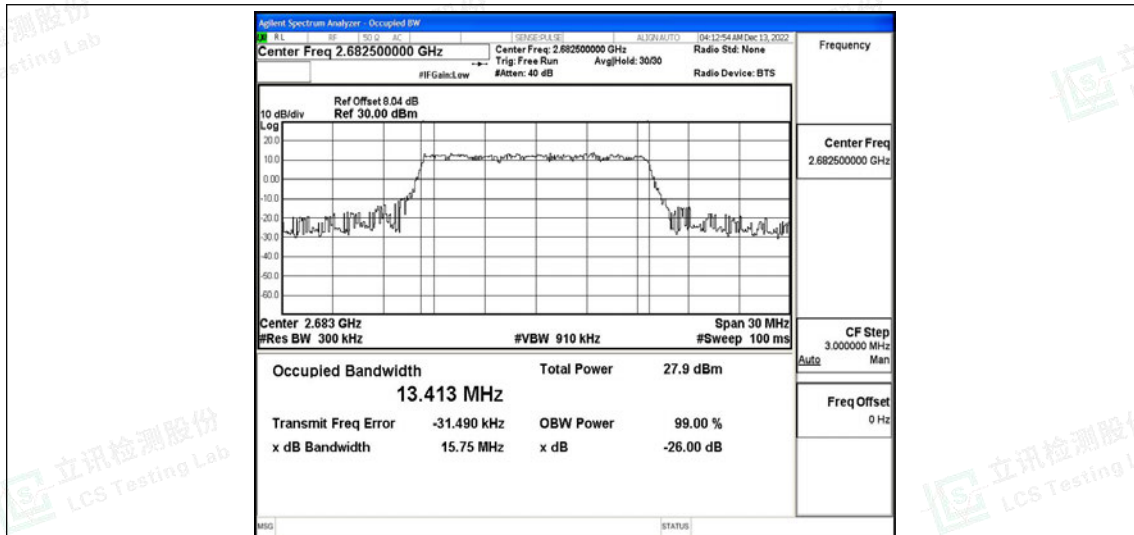


Band41-15MHz-QPSK-40620-75RB#0

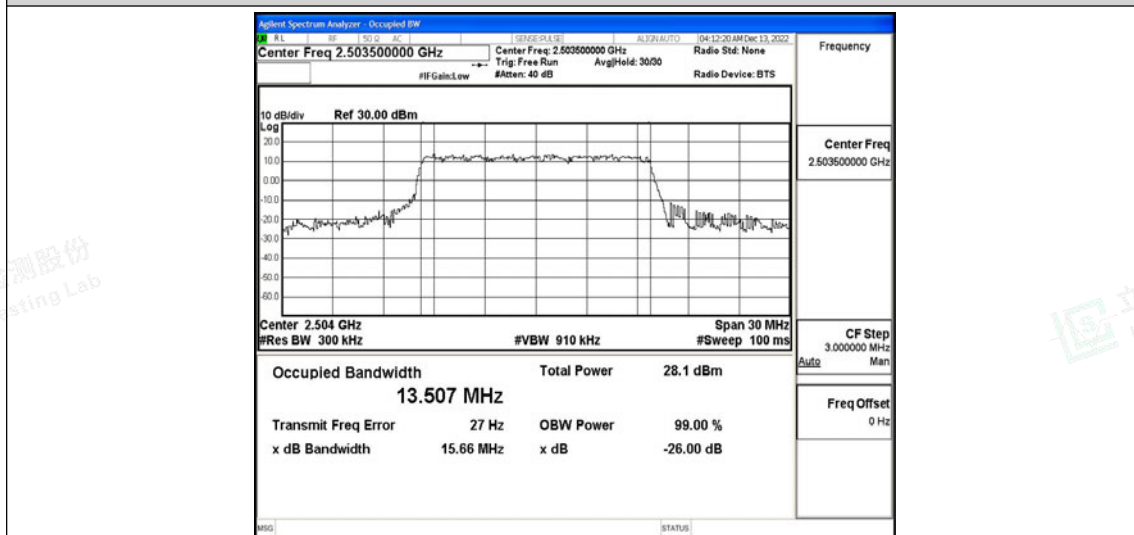


Band41-15MHz-QPSK-41515-75RB#0

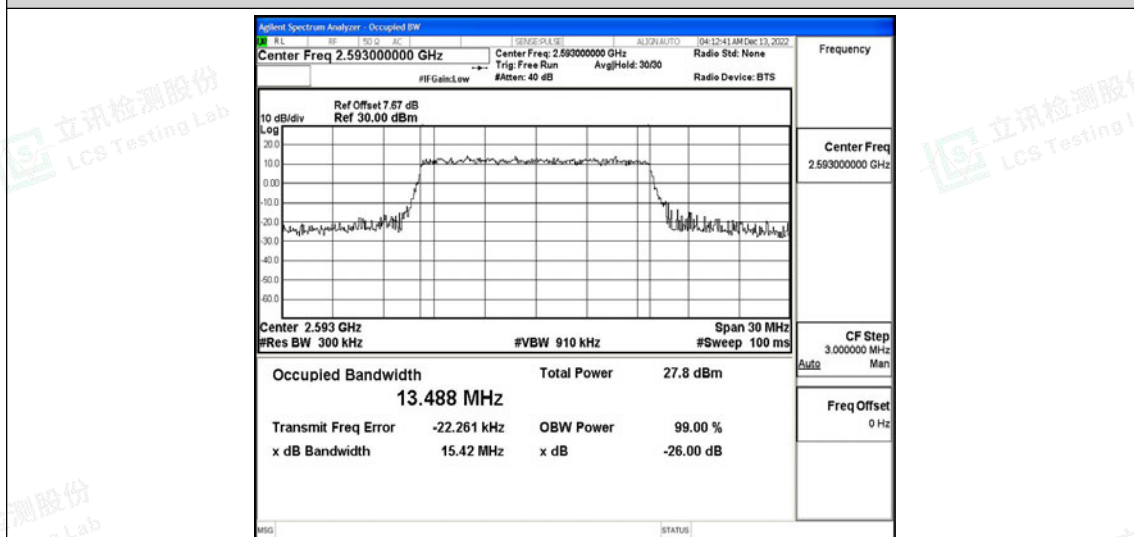




Band41-15MHz-16QAM-39725-75RB#0

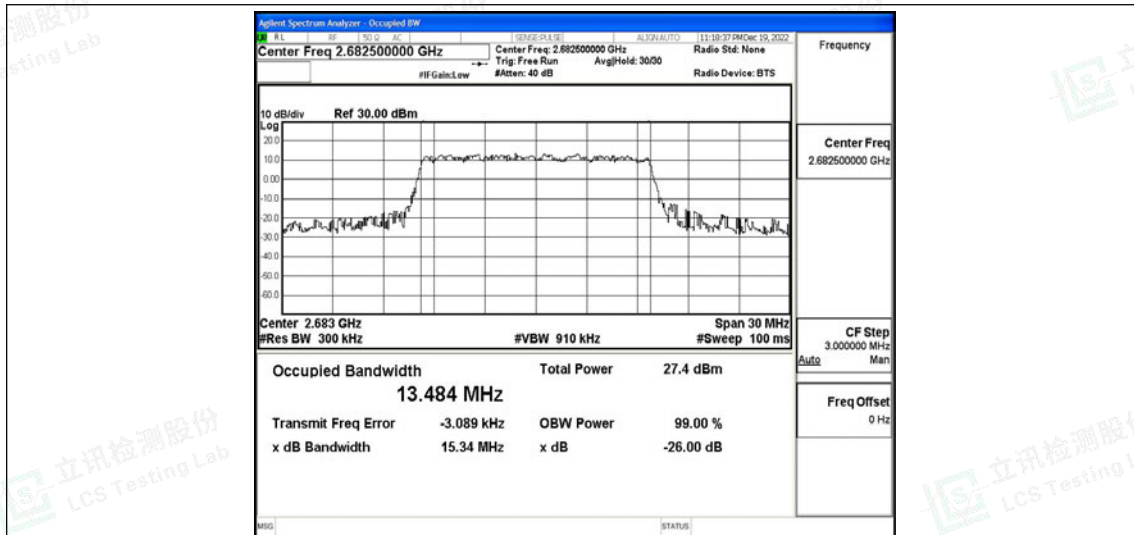


Band41-15MHz-16QAM-40620-75RB#0



Band41-15MHz-16QAM-41515-75RB#0

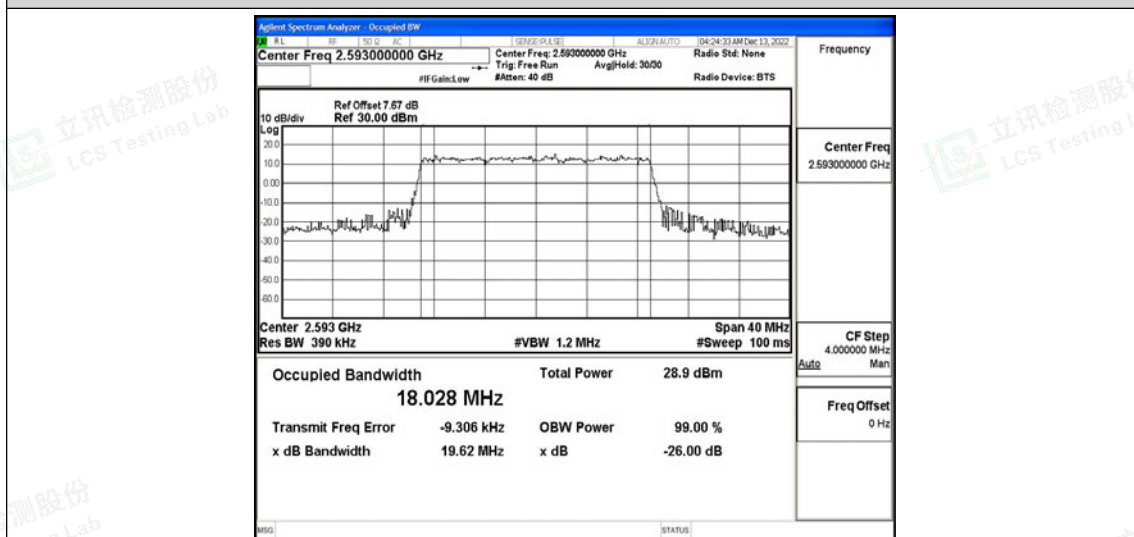




Band41-20MHz-QPSK-39750-100RB#0

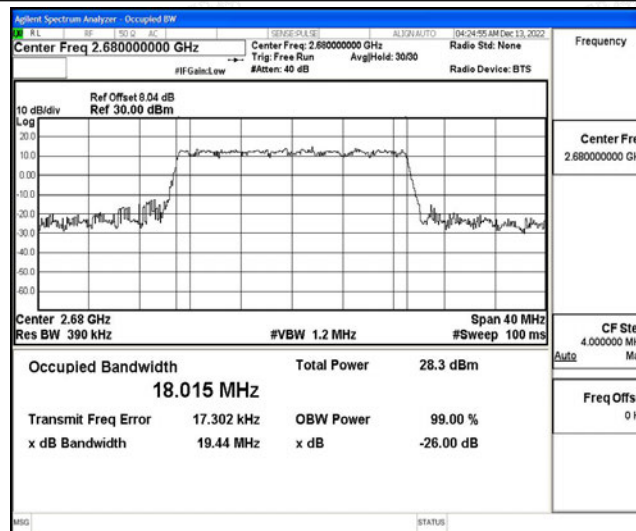


Band41-20MHz-QPSK-40620-100RB#0

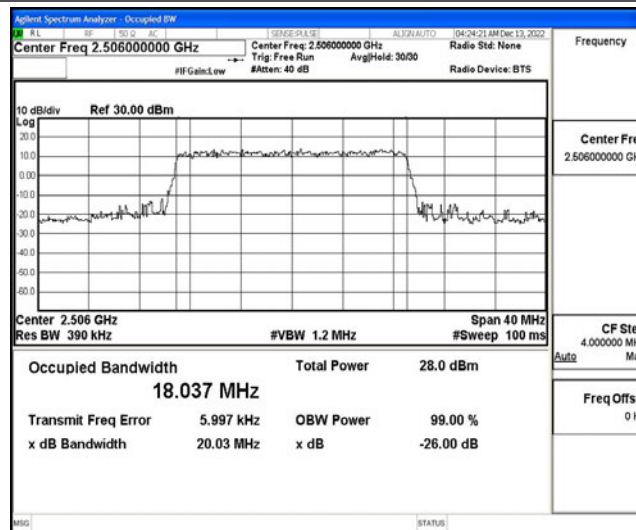


Band41-20MHz-QPSK-41490-100RB#0

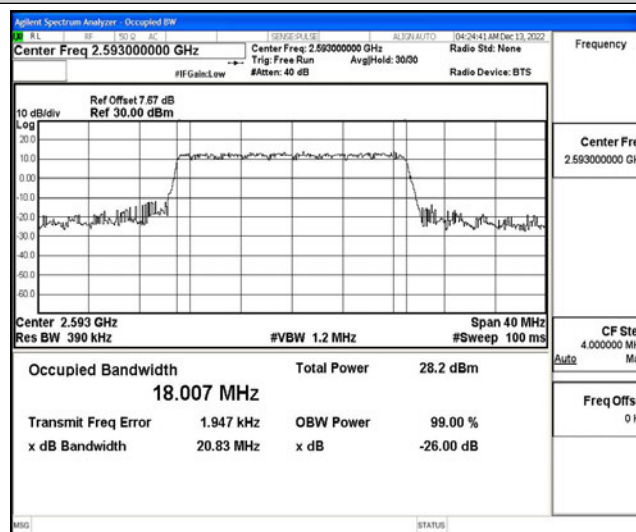




Band41-20MHz-16QAM-39750-100RB#0

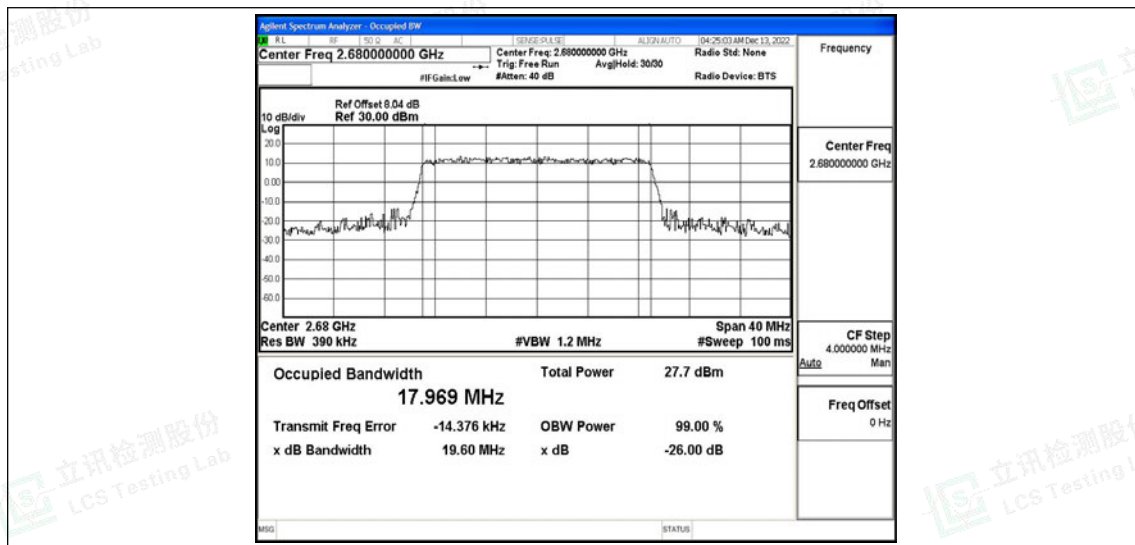


Band41-20MHz-16QAM-40620-100RB#0



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





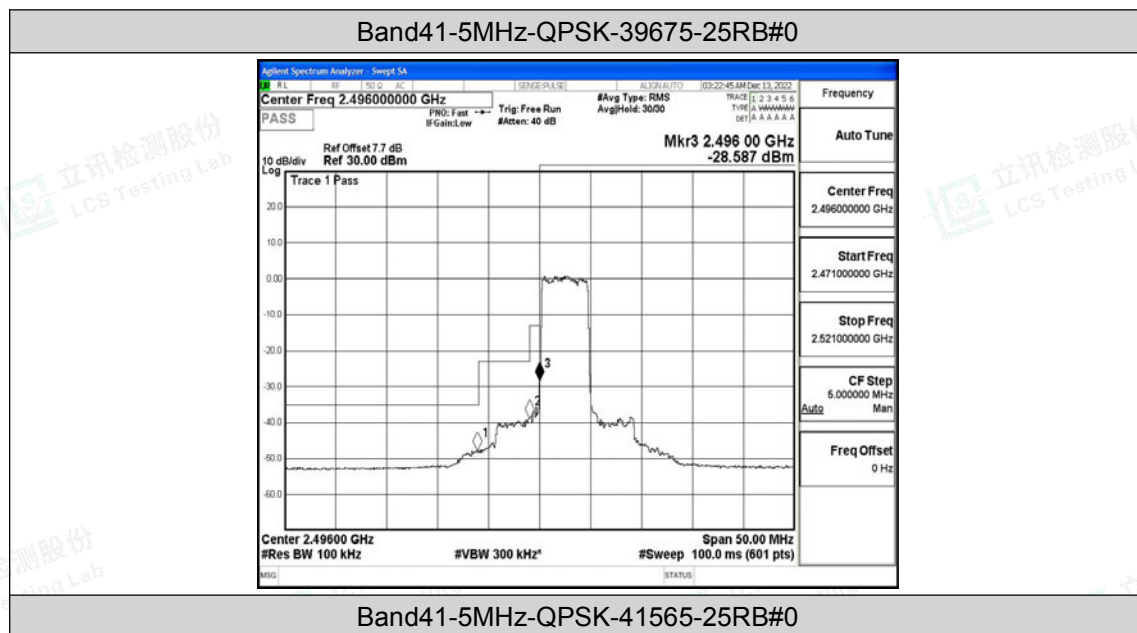


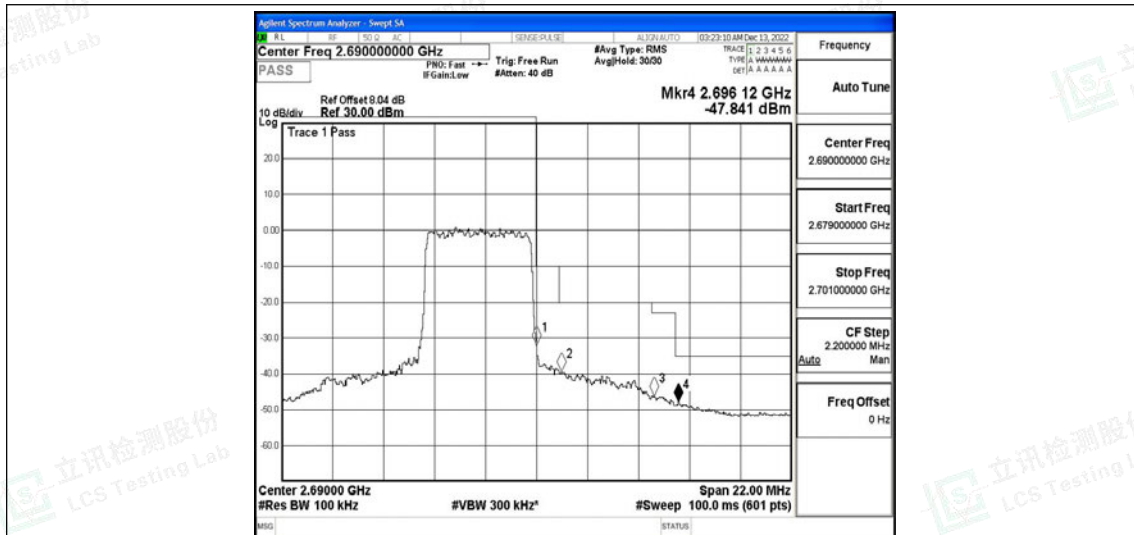
I.4 Band Edge

Test Result

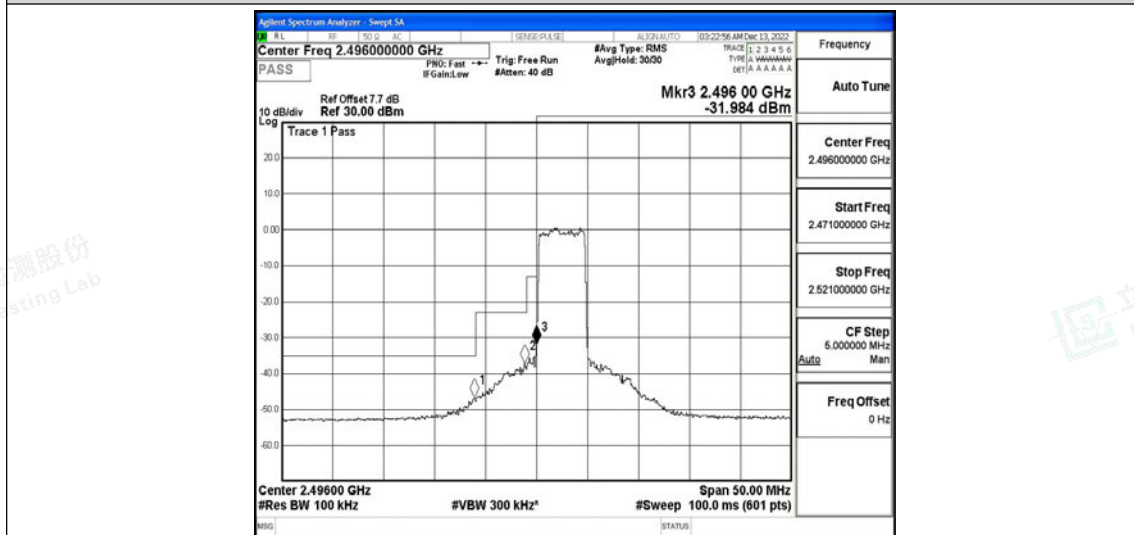
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	-47.82,-38.96,-28.59	PASS
Band41	5MHz	QPSK	41565	25RB#0	-32.00,-39.38,-46.12,-47.84	PASS
Band41	5MHz	16QAM	39675	25RB#0	-46.77,-37.18,-31.98	PASS
Band41	5MHz	16QAM	41565	25RB#0	-33.15,-38.61,-46.40,-48.05	PASS
Band41	10MHz	QPSK	39700	50RB#0	-46.08,-36.94,-35.16	PASS
Band41	10MHz	QPSK	41540	50RB#0	-35.49,-37.50,-39.71,-44.22	PASS
Band41	10MHz	16QAM	39700	50RB#0	-45.31,-36.20,-33.68	PASS
Band41	10MHz	16QAM	41540	50RB#0	-33.88,-37.78,-39.87,-45.70	PASS
Band41	15MHz	QPSK	39725	75RB#0	-47.17,-34.57,-33.07	PASS
Band41	15MHz	QPSK	41515	75RB#0	-35.17,-36.61,-38.29,-43.63	PASS
Band41	15MHz	16QAM	39725	75RB#0	-46.78,-33.83,-33.43	PASS
Band41	15MHz	16QAM	41515	75RB#0	-34.48,-36.02,-38.61,-43.56	PASS
Band41	20MHz	QPSK	39750	100RB#0	-46.80,-33.33,-32.54	PASS
Band41	20MHz	QPSK	41490	100RB#0	-33.83,-36.34,-38.27,-42.65	PASS
Band41	20MHz	16QAM	39750	100RB#0	-46.82,-33.51,-32.24	PASS
Band41	20MHz	16QAM	41490	100RB#0	-35.43,-36.20,-37.37,-43.51	PASS

Test Graphs





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

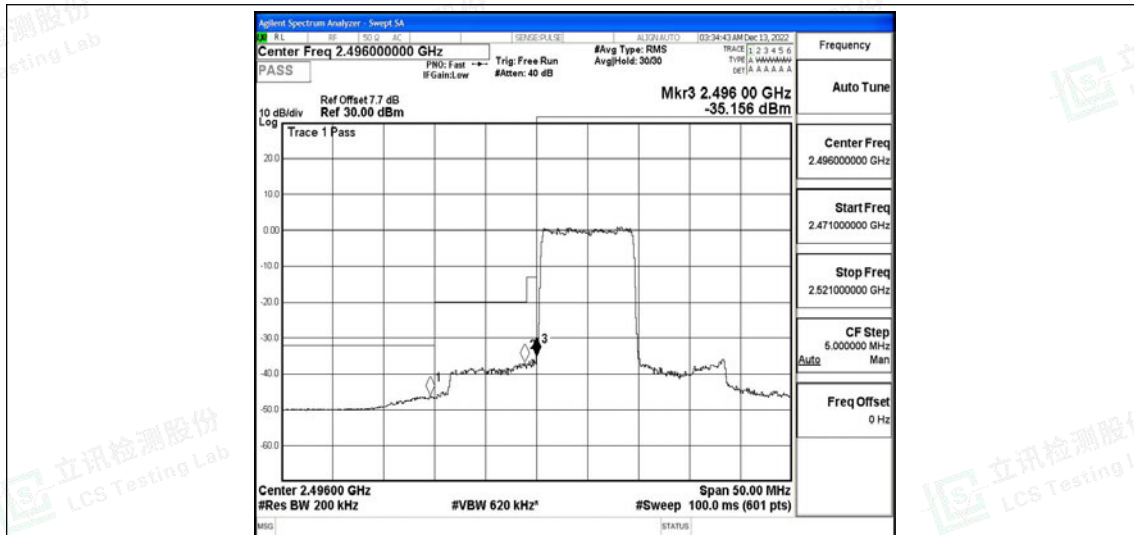


Band41-5MHz-16QAM-41565-25RB#0

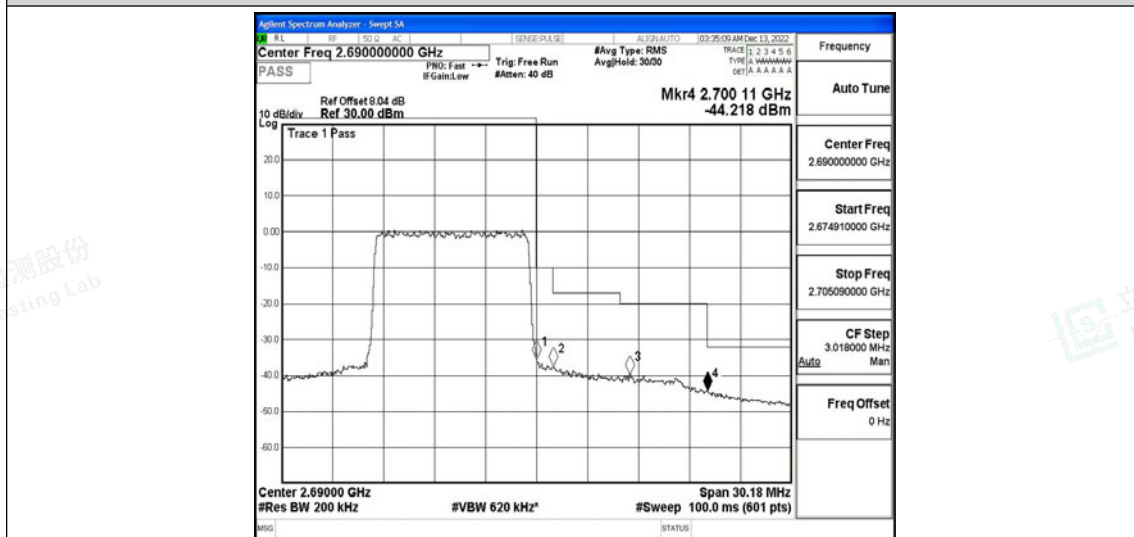


Band41-10MHz-QPSK-39700-50RB#0

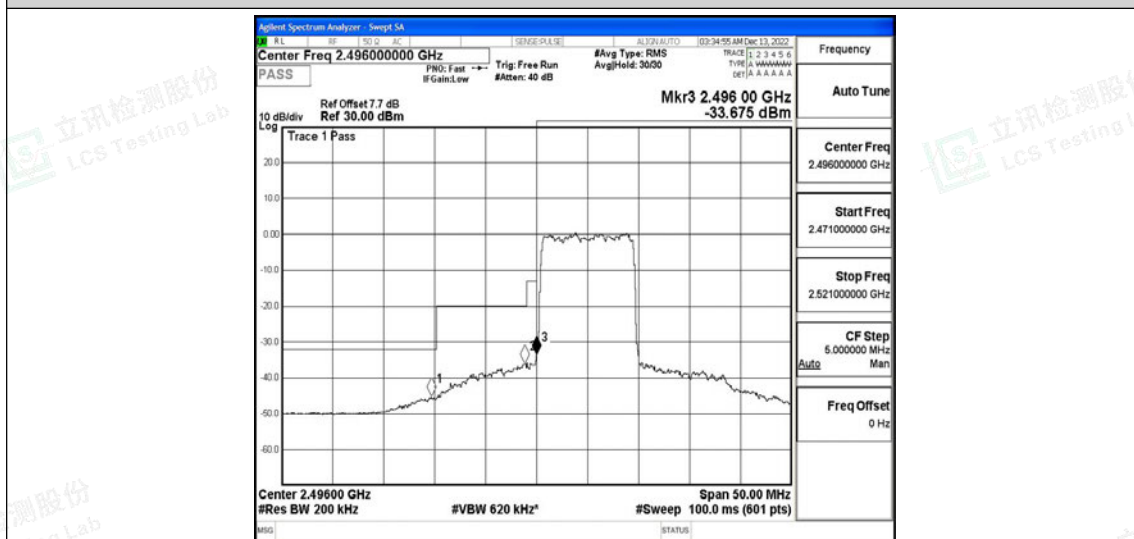




Band41-10MHz-QPSK-41540-50RB#0

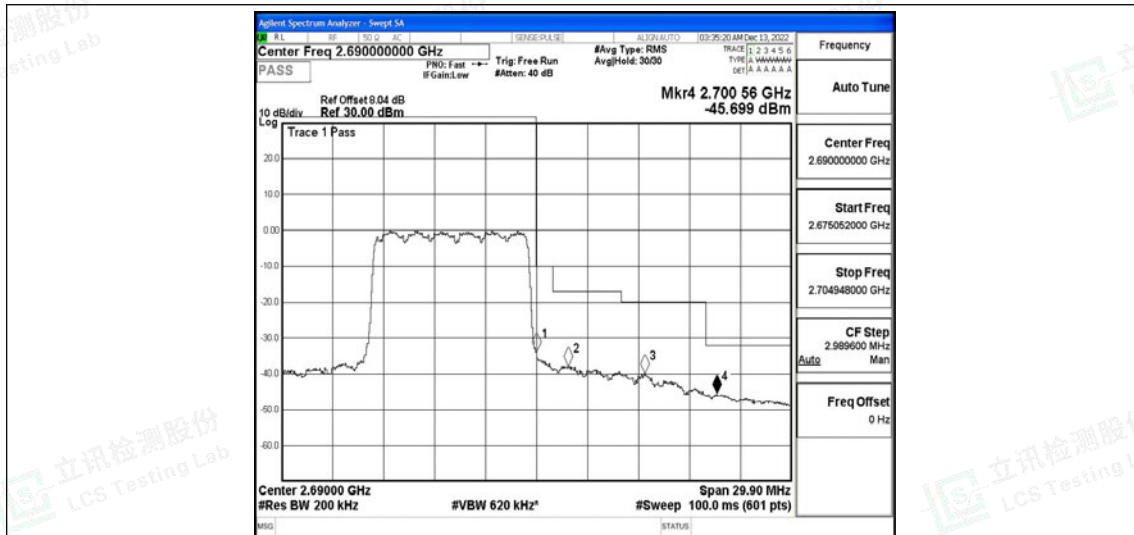


Band41-10MHz-16QAM-39700-50RB#0



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

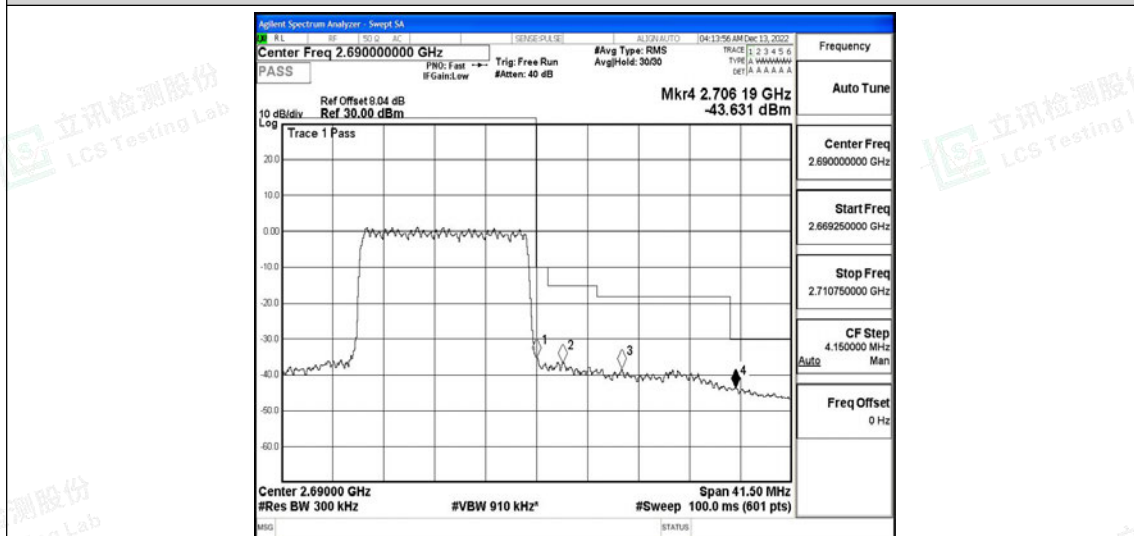




Band41-15MHz-QPSK-39725-75RB#0

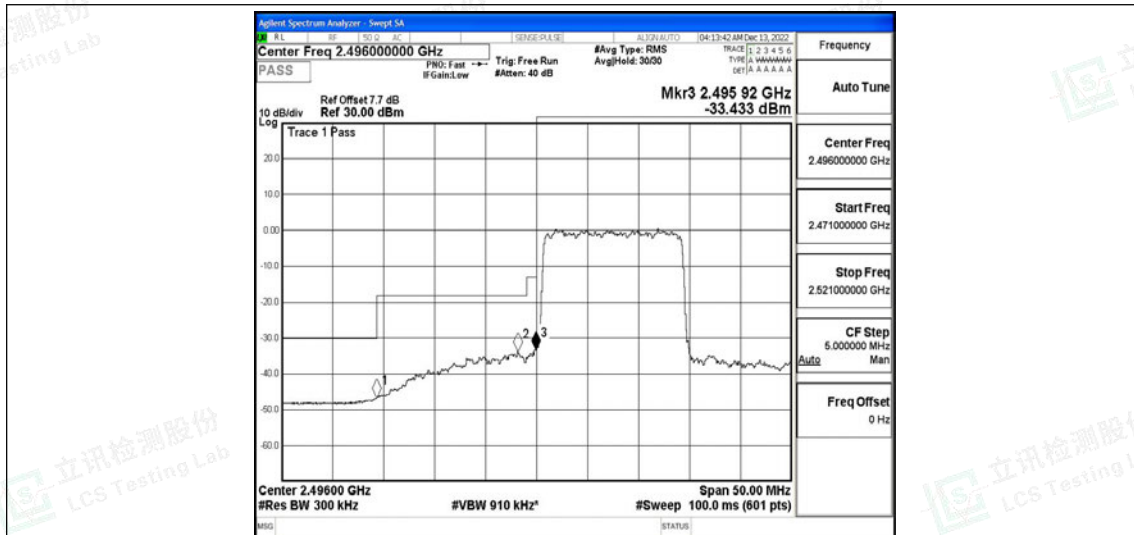


Band41-15MHz-QPSK-41515-75RB#0

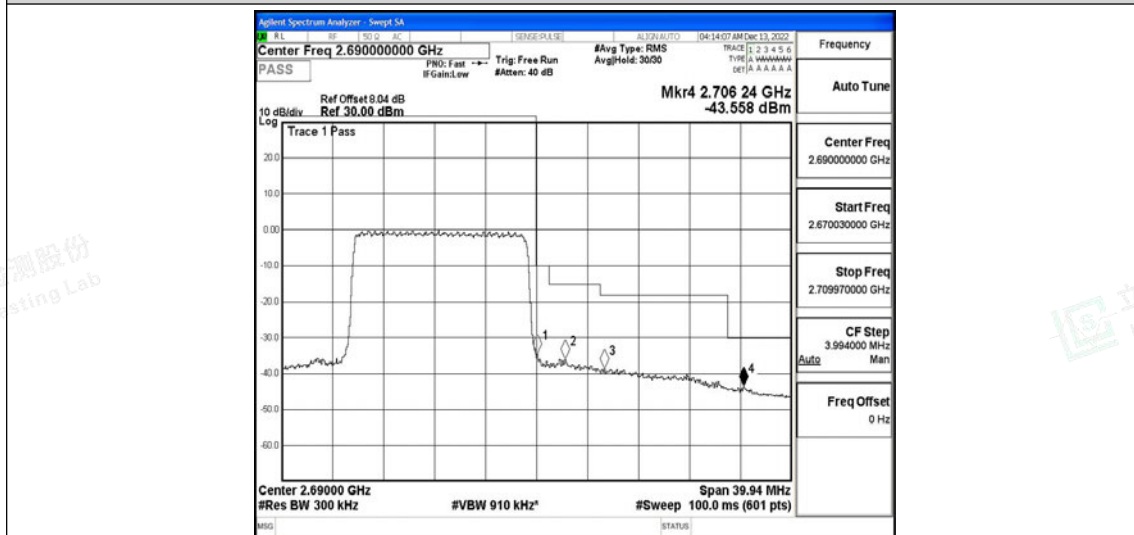


Band41-15MHz-16QAM-39725-75RB#0

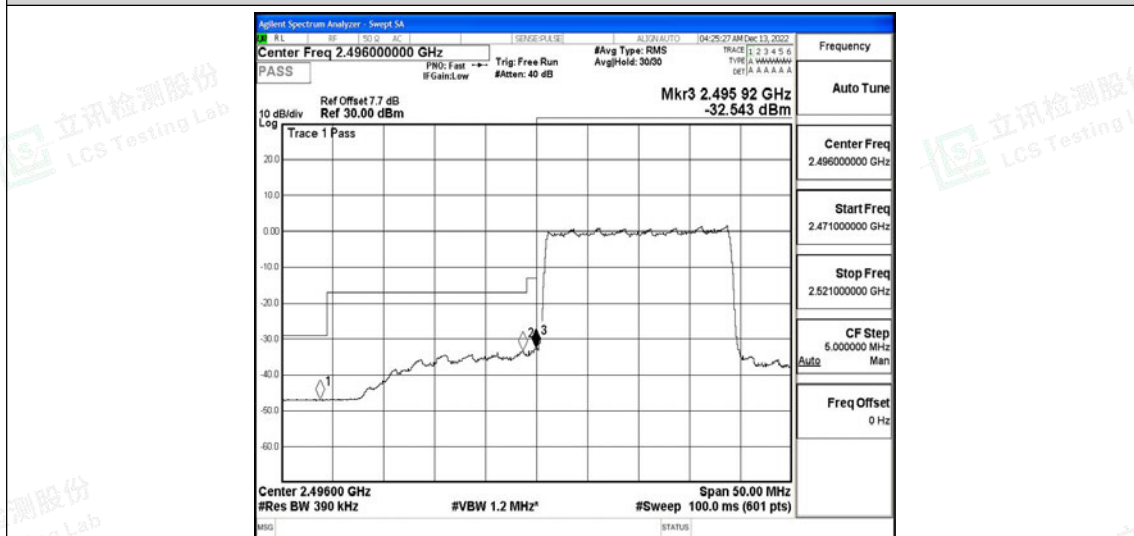




Band41-15MHz-16QAM-41515-75RB#0

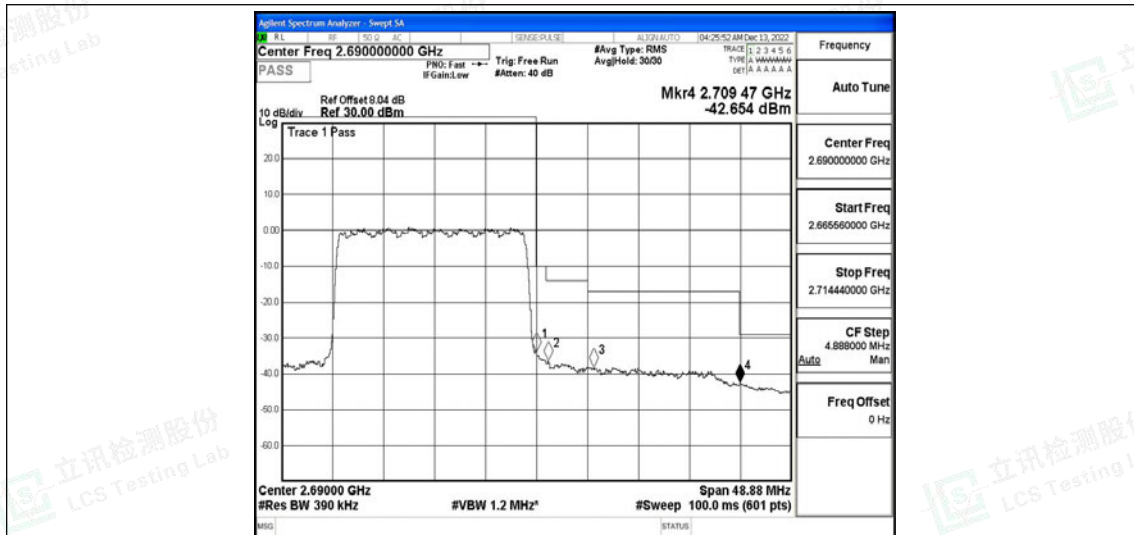


Band41-20MHz-QPSK-39750-100RB#0

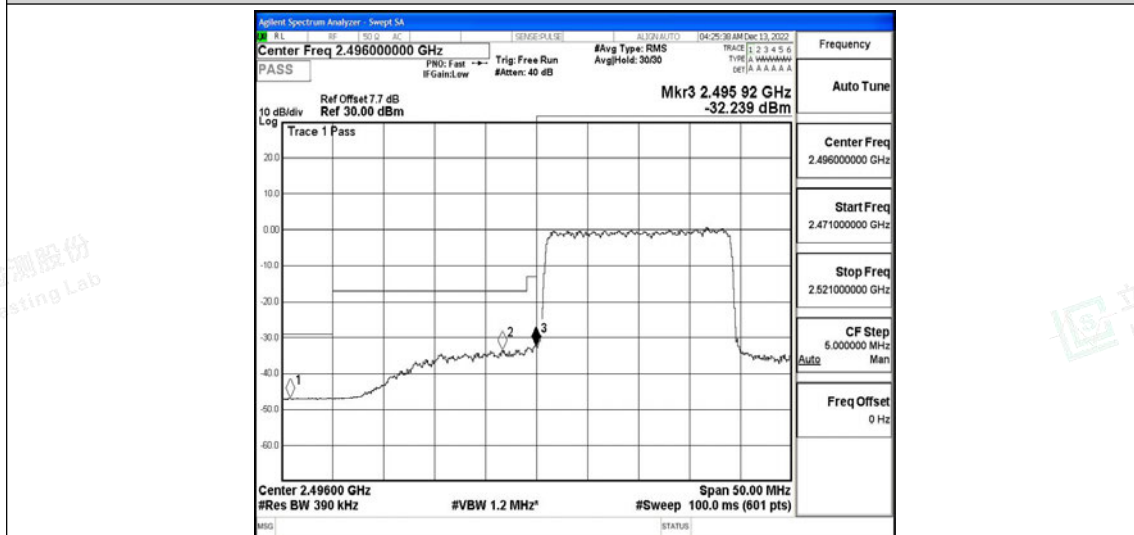


Band41-20MHz-QPSK-41490-100RB#0

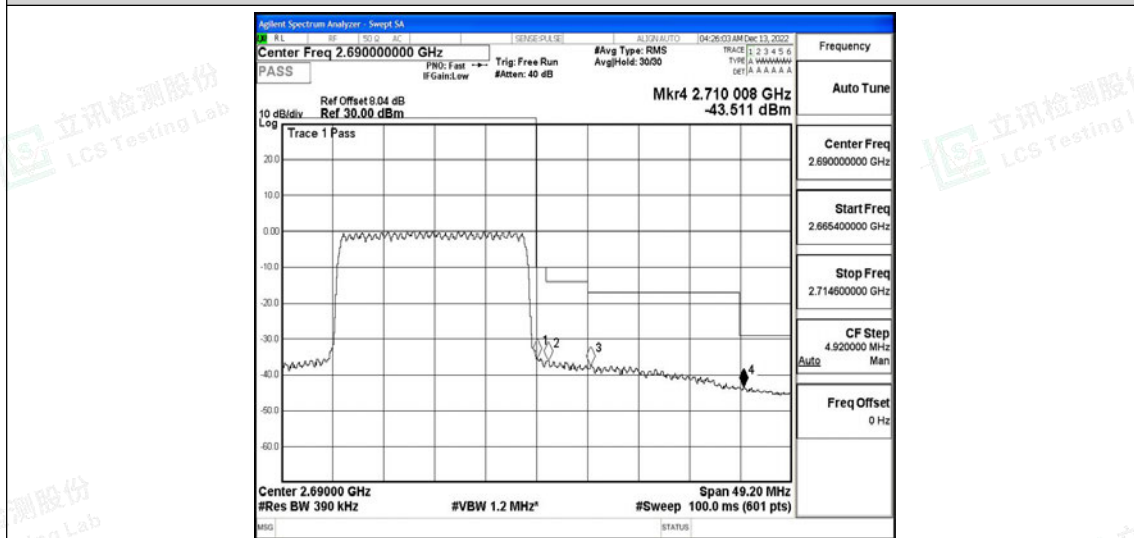




Band41-20MHz-16QAM-39750-100RB#0



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







I.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:0.009~0.15MHz	-63.85	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:0.15~30MHz	-51.24	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:30~1000MHz	-41.81	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range4:1000~10000MHz	-44.71	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range5:10000~20000MHz	-49.4	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range6:20000~26500MHz	-37.33	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-66.46	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-51.85	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-42.29	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range4:1000~10000MHz	-45.14	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range5:10000~20000MHz	-49.23	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range6:20000~26500MHz	-37.24	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:0.009~0.15MHz	-64.92	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:0.15~30MHz	-52.36	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range4:1000~10000MHz	-44.63	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range5:10000~20000MHz	-49.33	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range6:20000~26500MHz	-37.3	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:0.009~0.15MHz	-66.29	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:0.15~30MHz	-51.11	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:30~1000MHz	-42.72	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range4:1000~10000MHz	-44.68	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range6:20000~26500MHz	-37.24	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-64.86	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-49.81	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-42.46	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range4:1000~10000MHz	-45.08	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range5:10000~20000MHz	-49.35	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range6:20000~26500MHz	-37.28	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:0.009~0.15MHz	-65.58	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:0.15~30MHz	-50.04	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range3:30~1000MHz	-41.74	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Band41	5MHz	16QAM	41565	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range5:10000~20000MHz	-48.99	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range6:20000~26500MHz	-36.81	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:0.009~0.15MHz	-65.25	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:0.15~30MHz	-49.83	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:30~1000MHz	-42.26	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range4:1000~10000MHz	-44.31	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range5:10000~20000MHz	-49.2	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range6:20000~26500MHz	-37.32	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-65.02	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-50.7	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-41.35	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range5:10000~20000MHz	-49.34	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range6:20000~26500MHz	-37.32	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:0.009~0.15MHz	-64.34	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:0.15~30MHz	-51.47	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range3:30~1000MHz	-40.82	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range5:10000~20000MHz	-49.44	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range6:20000~26500MHz	-37.24	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:0.009~0.15MHz	-66.66	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:0.15~30MHz	-51.1	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:30~1000MHz	-42.62	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range4:1000~10000MHz	-44.78	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range5:10000~20000MHz	-48.98	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-65.88	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-51.29	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-41.23	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range4:1000~10000MHz	-44.66	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range5:10000~20000MHz	-49.32	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range6:20000~26500MHz	-37.27	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:0.009~0.15MHz	-66.09	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:0.15~30MHz	-50.23	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range3:30~1000MHz	-41.53	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range4:1000~10000MHz	-44.62	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range5:10000~20000MHz	-49.46	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range6:20000~26500MHz	-37.36	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:0.009~0.15MHz	-65.98	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Band41	15MHz	QPSK	39725	1RB#0	Range2:0.15~30MHz	-51.13	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:30~1000MHz	-40.75	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range4:1000~10000MHz	-44.06	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range5:10000~20000MHz	-49.27	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range6:20000~26500MHz	-37.33	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-66.24	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-53.02	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range4:1000~10000MHz	-44.61	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range5:10000~20000MHz	-49.42	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range6:20000~26500MHz	-37.18	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:0.009~0.15MHz	-64.98	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:0.15~30MHz	-49.75	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:30~1000MHz	-42.56	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range4:1000~10000MHz	-44.24	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range5:10000~20000MHz	-49.39	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range6:20000~26500MHz	-37.2	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:0.009~0.15MHz	-66.04	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:0.15~30MHz	-52.52	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:30~1000MHz	-42.3	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range4:1000~10000MHz	-44.51	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range5:10000~20000MHz	-49.39	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range6:20000~26500MHz	-37.14	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-66.77	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-51.37	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-42.81	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range4:1000~10000MHz	-44.41	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range6:20000~26500MHz	-37.32	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:0.009~0.15MHz	-65	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:0.15~30MHz	-51.4	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:30~1000MHz	-42.65	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range4:1000~10000MHz	-44.39	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range5:10000~20000MHz	-49.26	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range6:20000~26500MHz	-37.4	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:0.009~0.15MHz	-63.54	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:0.15~30MHz	-51.87	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:30~1000MHz	-41.7	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range4:1000~10000MHz	-44.67	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range5:10000~20000MHz	-49.26	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Band41	20MHz	QPSK	39750	1RB#0	Range6:20000~26500MHz	-37.16	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-64.45	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-51.97	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-41.21	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range4:1000~10000MHz	-44.63	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range5:10000~20000MHz	-49.41	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range6:20000~26500MHz	-37.25	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:0.009~0.15MHz	-66.42	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:30~1000MHz	-41.65	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range4:1000~10000MHz	-42.92	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range5:10000~20000MHz	-49.42	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range6:20000~26500MHz	-37.26	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:0.009~0.15MHz	-66.14	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:0.15~30MHz	-52.42	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:30~1000MHz	-42.1	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range5:10000~20000MHz	-49.29	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range6:20000~26500MHz	-37.37	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-66.24	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-50.77	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-42.13	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range4:1000~10000MHz	-44.69	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range5:10000~20000MHz	-49.3	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range6:20000~26500MHz	-37.26	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:0.009~0.15MHz	-64.73	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:0.15~30MHz	-51.41	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range3:30~1000MHz	-42.54	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range4:1000~10000MHz	-43.25	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range5:10000~20000MHz	-49.26	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range6:20000~26500MHz	-37.22	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0-Range1:0.009~0.15MHz

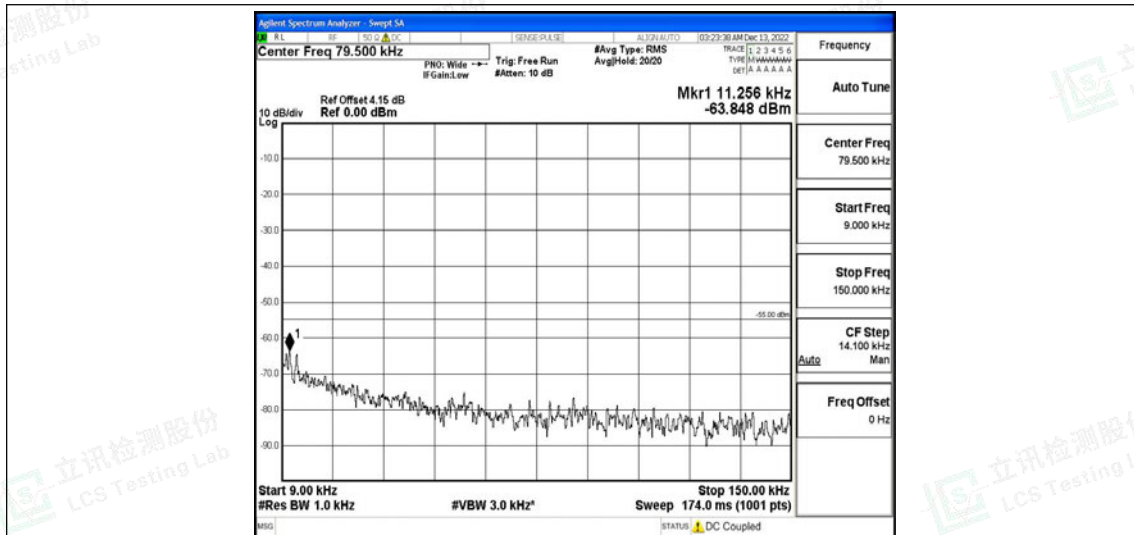


Shenzhen LCS Compliance Testing Laboratory Ltd.

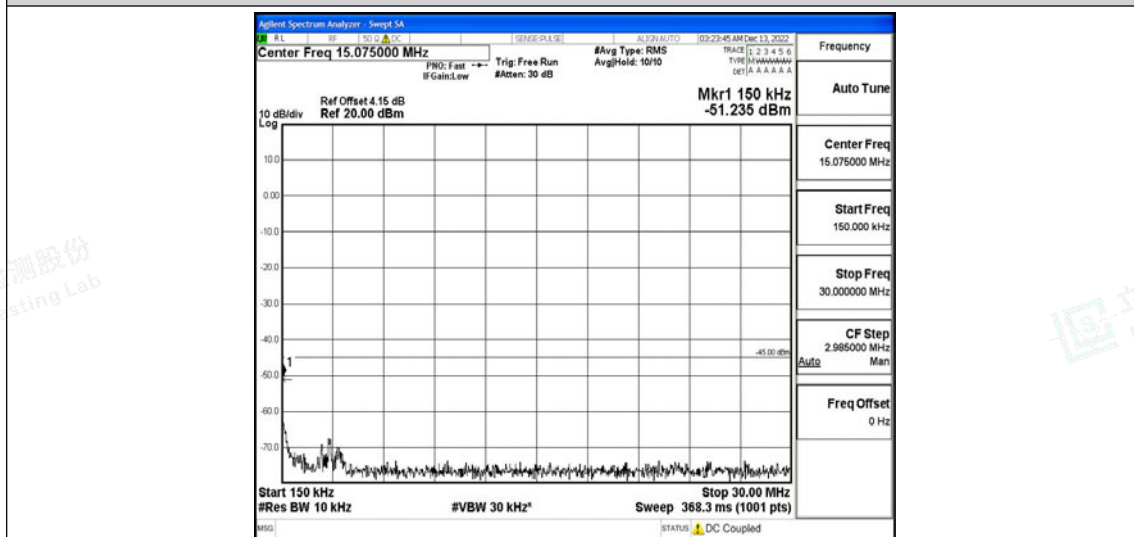
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

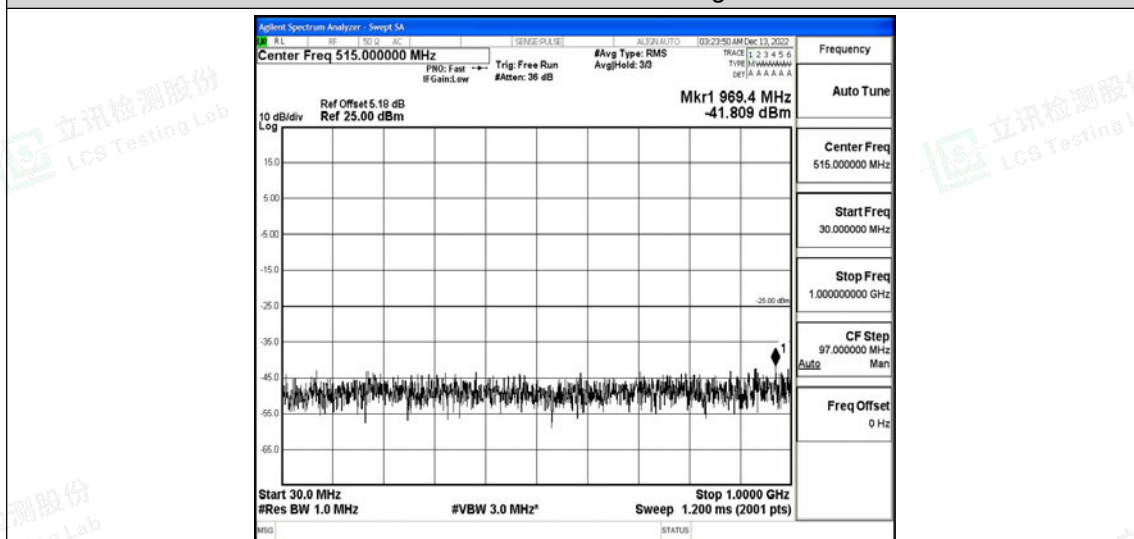
Scan code to check authenticity



Band41-5MHz-QPSK-39675-1RB#0-Range2:0.15~30MHz

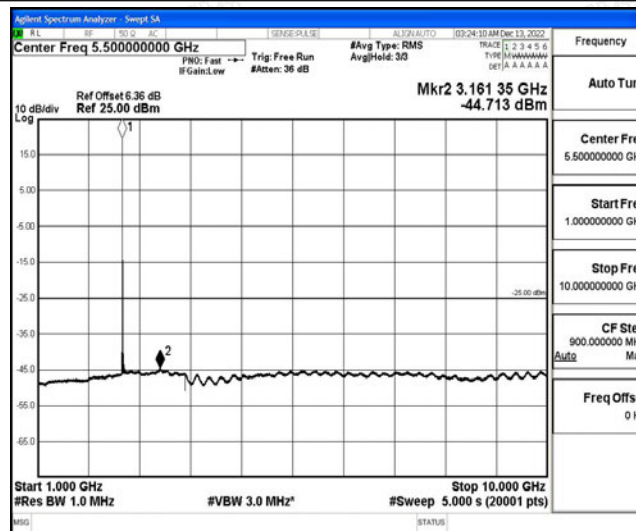


Band41-5MHz-QPSK-39675-1RB#0-Range3:30~1000MHz

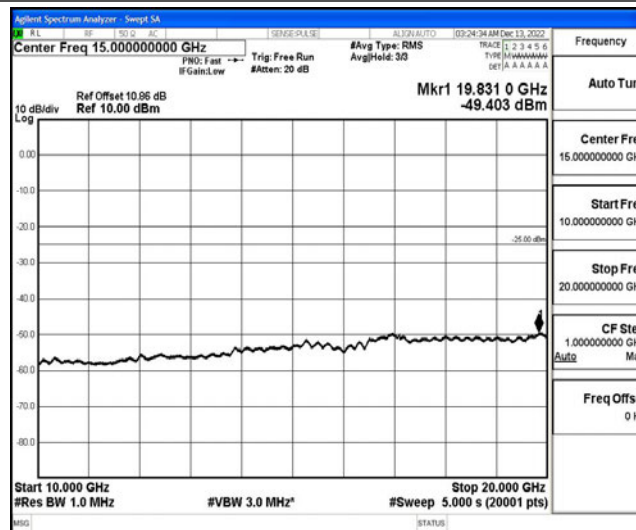


Band41-5MHz-QPSK-39675-1RB#0-Range4:1000~10000MHz

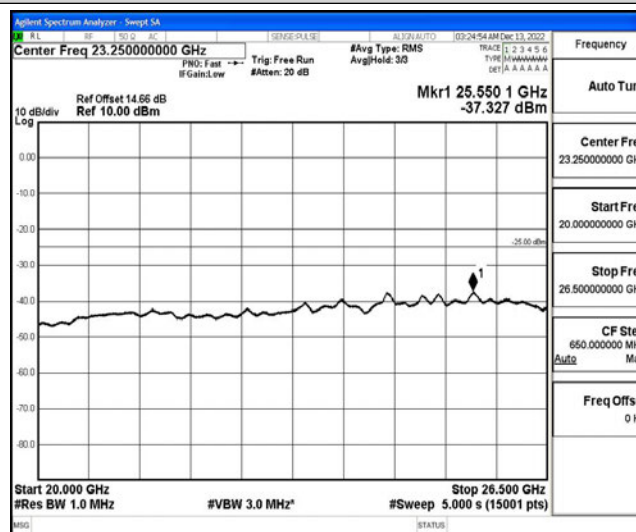




Band41-5MHz-QPSK-39675-1RB#0-Range5:10000~20000MHz

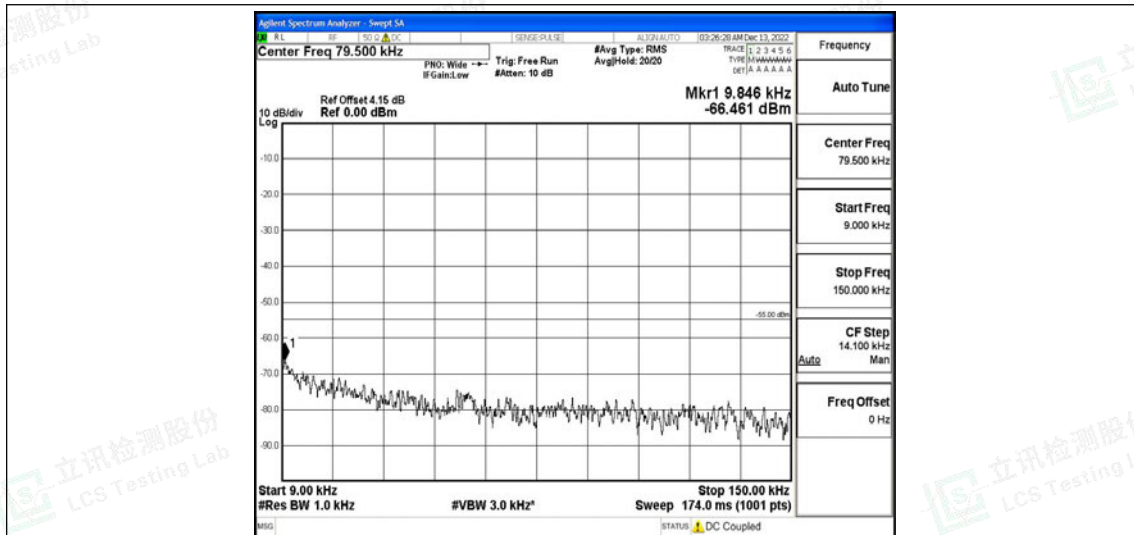


Band41-5MHz-QPSK-39675-1RB#0-Range6:20000~26500MHz

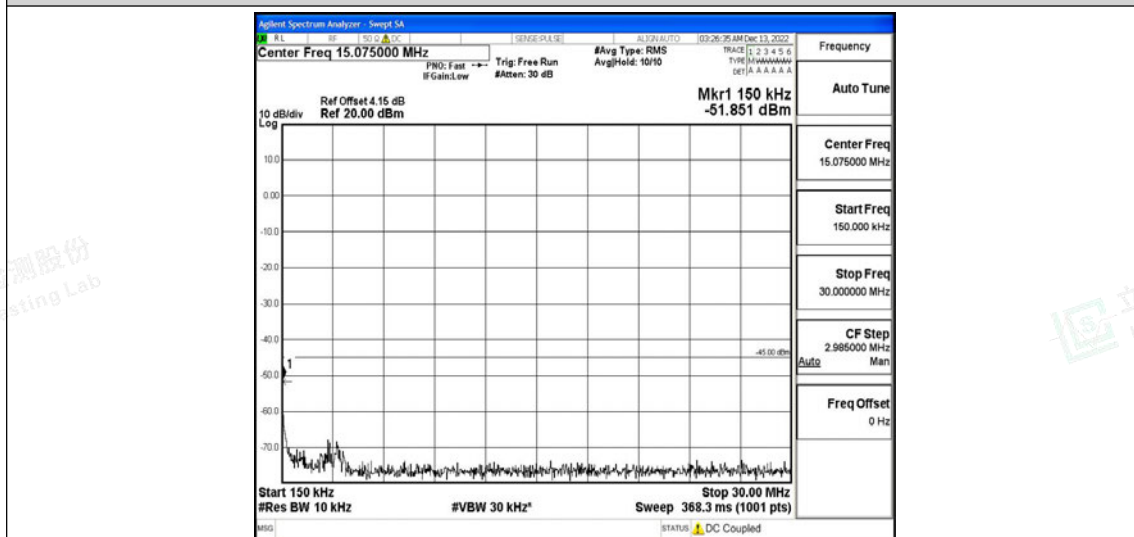


Band41-5MHz-QPSK-40620-1RB#0-Range1:0.009~0.15MHz

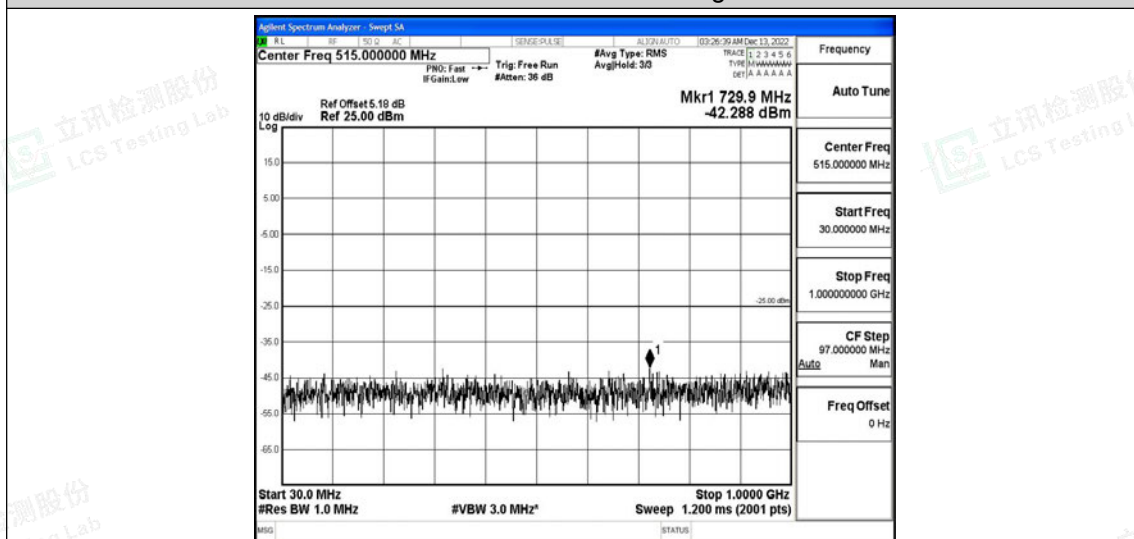




Band41-5MHz-QPSK-40620-1RB#0-Range2:0.15~30MHz

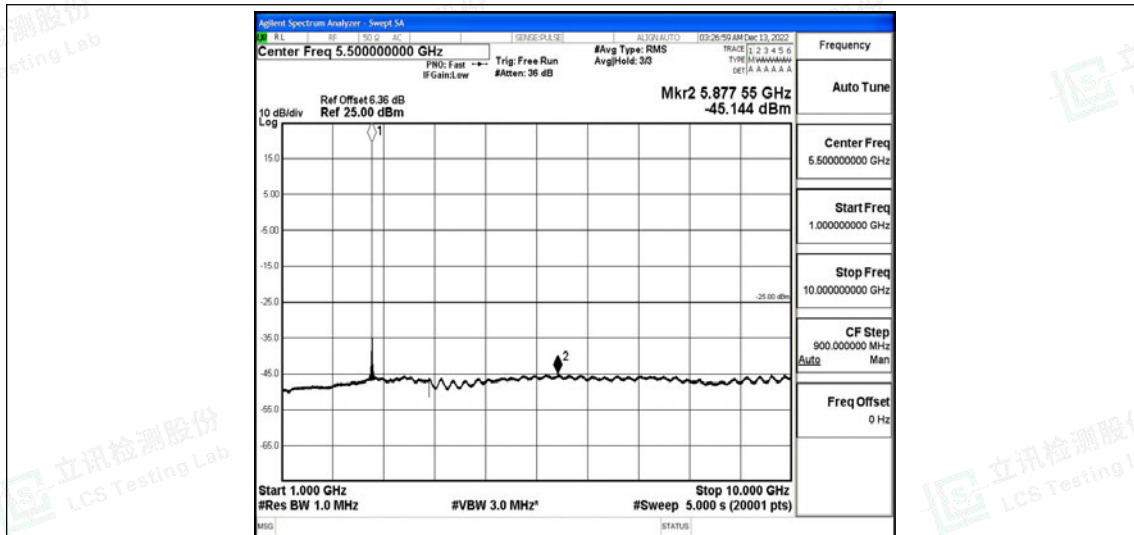


Band41-5MHz-QPSK-40620-1RB#0-Range3:30~1000MHz

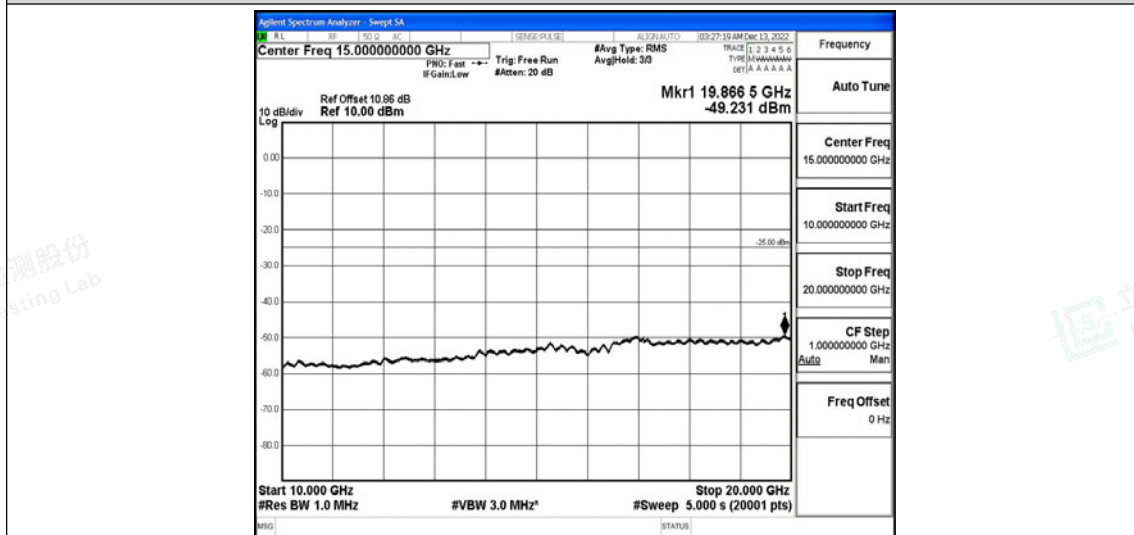


Band41-5MHz-QPSK-40620-1RB#0-Range4:1000~10000MHz

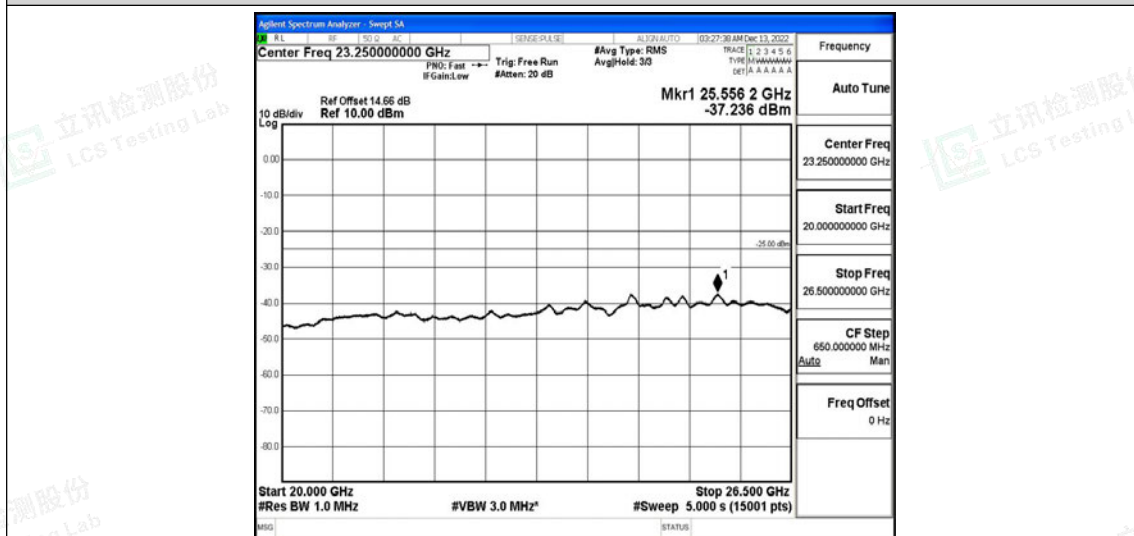




Band41-5MHz-QPSK-40620-1RB#0-Range5:10000~20000MHz

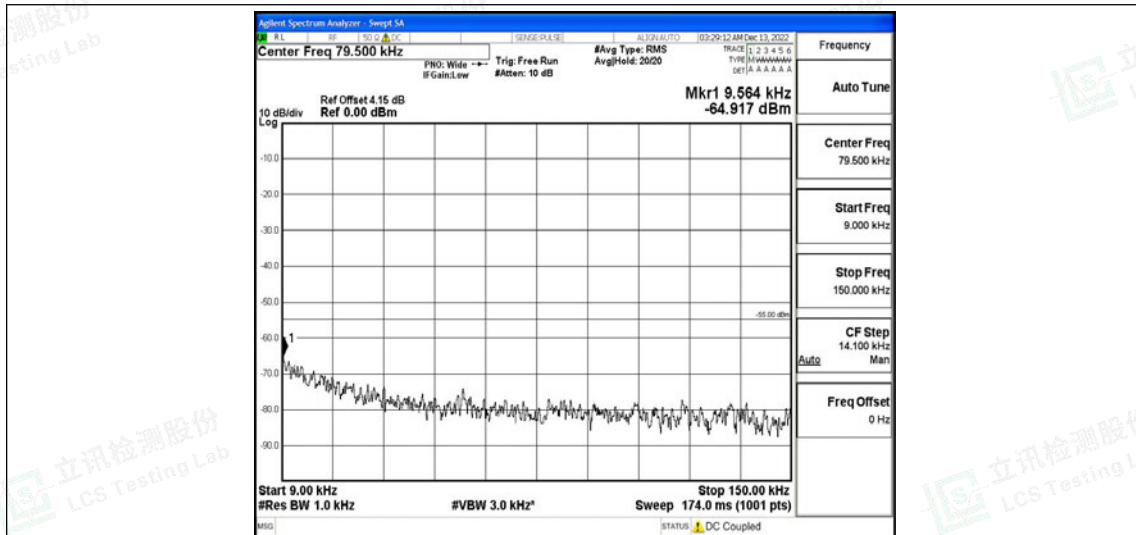


Band41-5MHz-QPSK-40620-1RB#0-Range6:20000~26500MHz

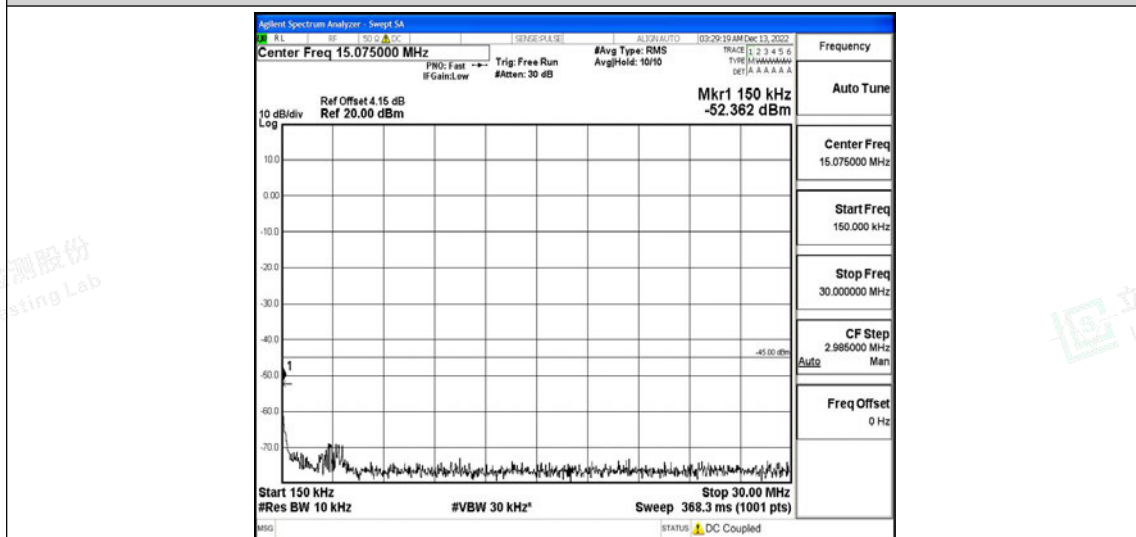


Band41-5MHz-QPSK-41565-1RB#0-Range1:0.009~0.15MHz

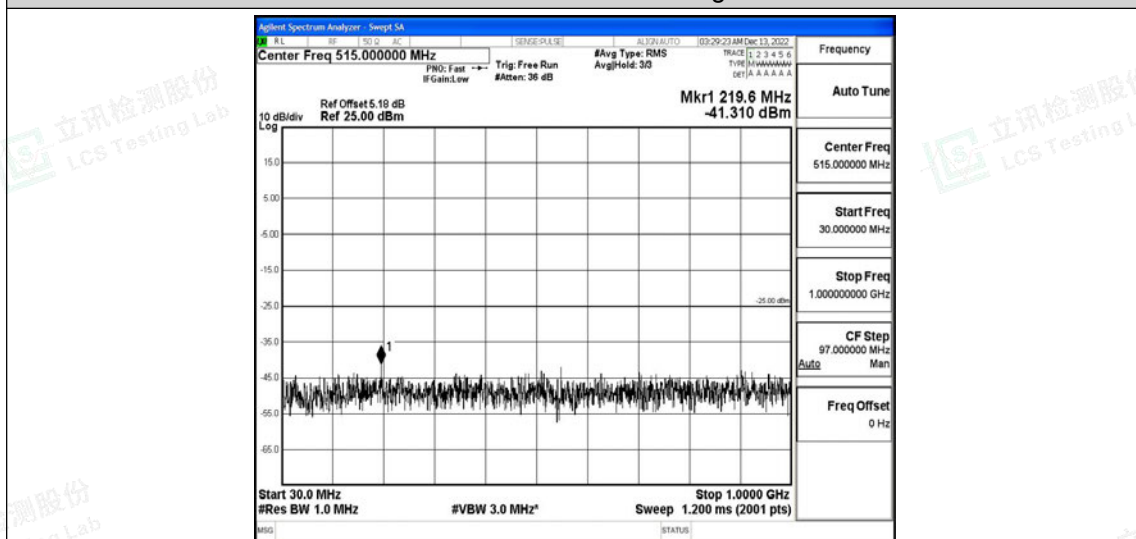




Band41-5MHz-QPSK-41565-1RB#0-Range2:0.15~30MHz

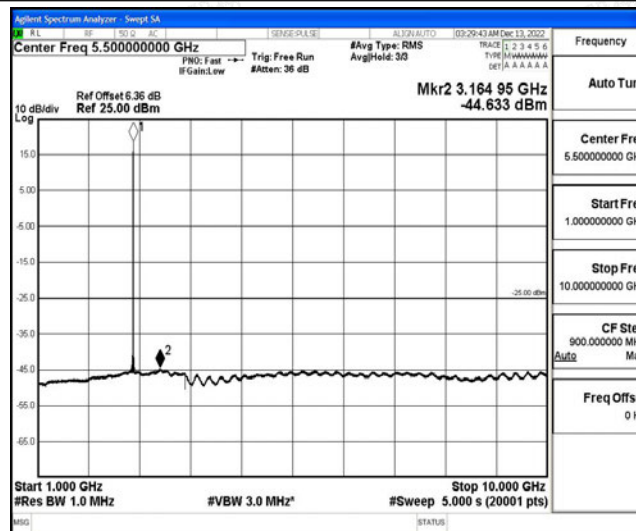


Band41-5MHz-QPSK-41565-1RB#0-Range3:30~1000MHz

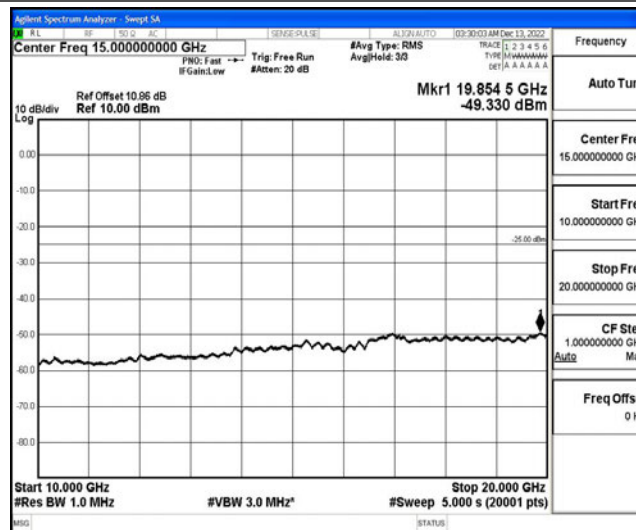


Band41-5MHz-QPSK-41565-1RB#0-Range4:1000~10000MHz

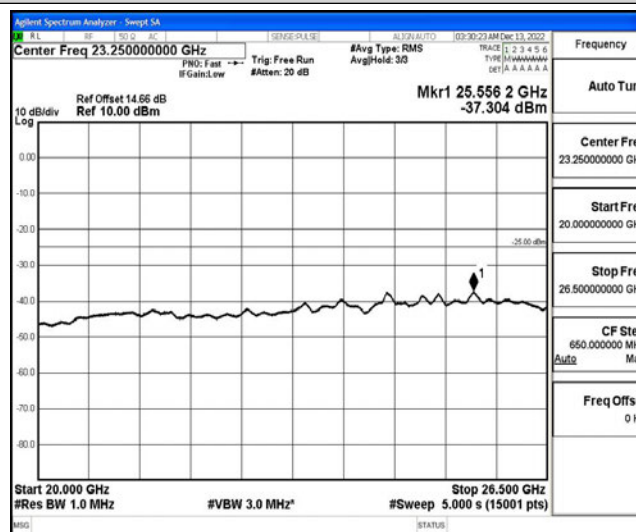




Band41-5MHz-QPSK-41565-1RB#0-Range5:10000~20000MHz

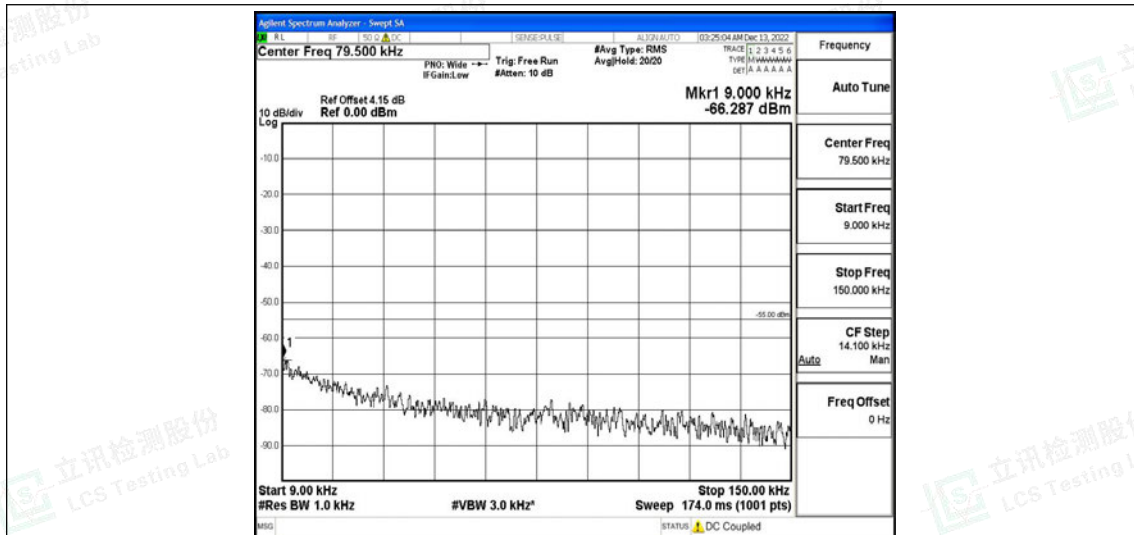


Band41-5MHz-QPSK-41565-1RB#0-Range6:20000~26500MHz

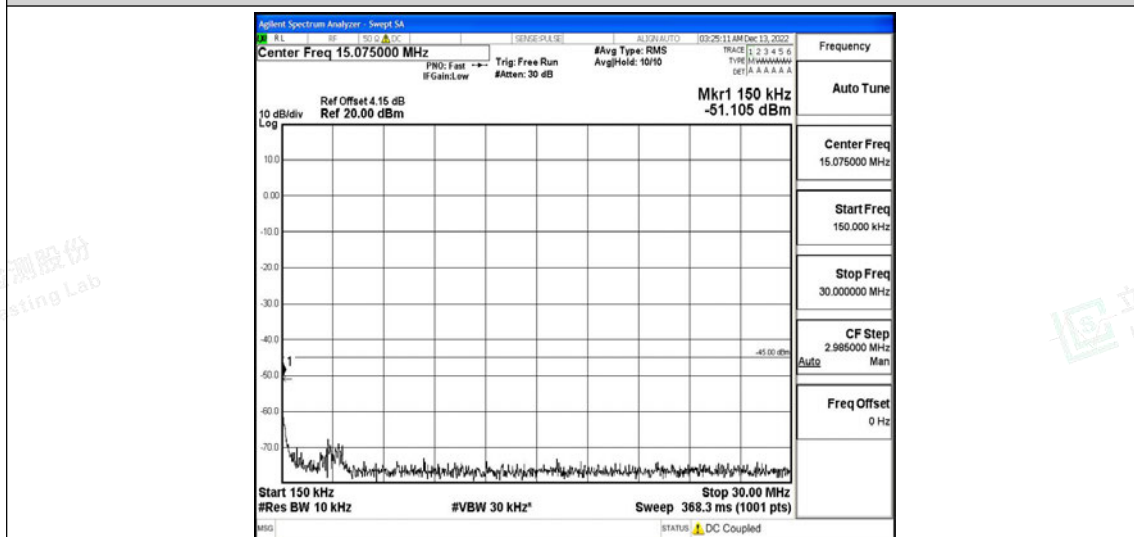


Band41-5MHz-16QAM-39675-1RB#0-Range1:0.009~0.15MHz

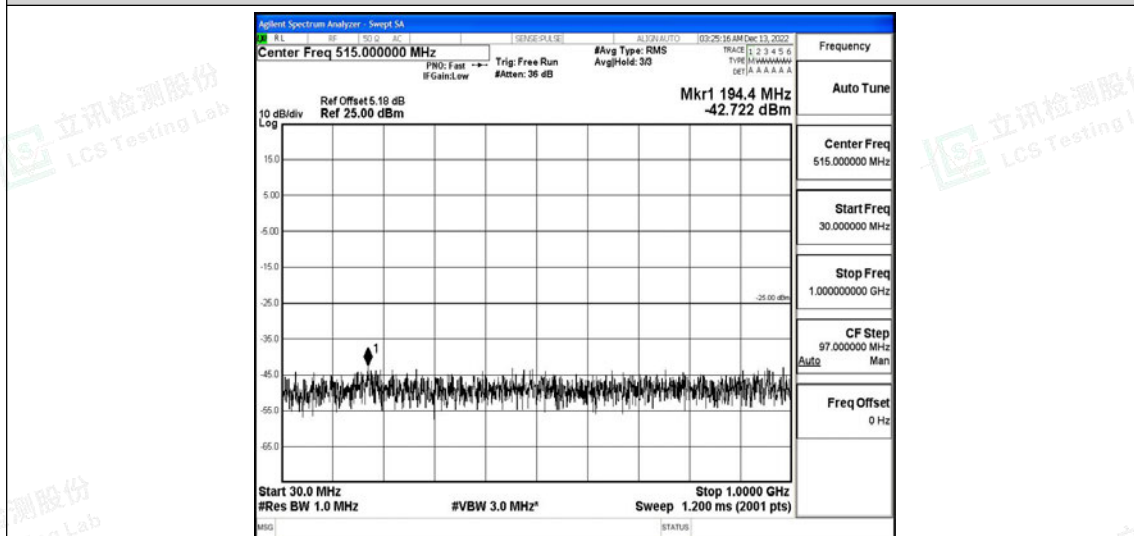




Band41-5MHz-16QAM-39675-1RB#0-Range2:0.15~30MHz

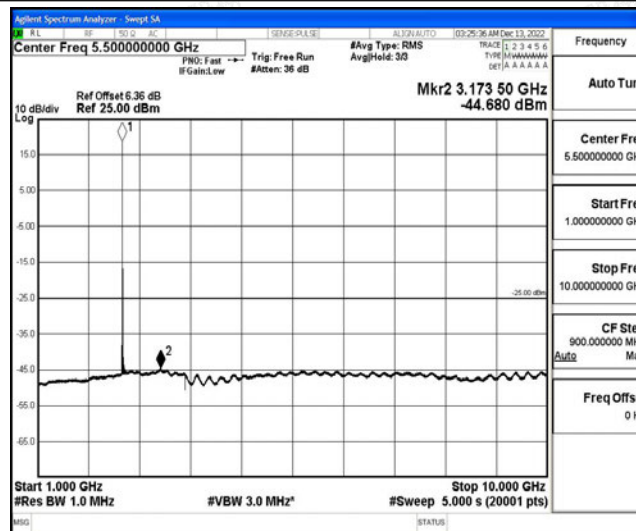


Band41-5MHz-16QAM-39675-1RB#0-Range3:30~1000MHz

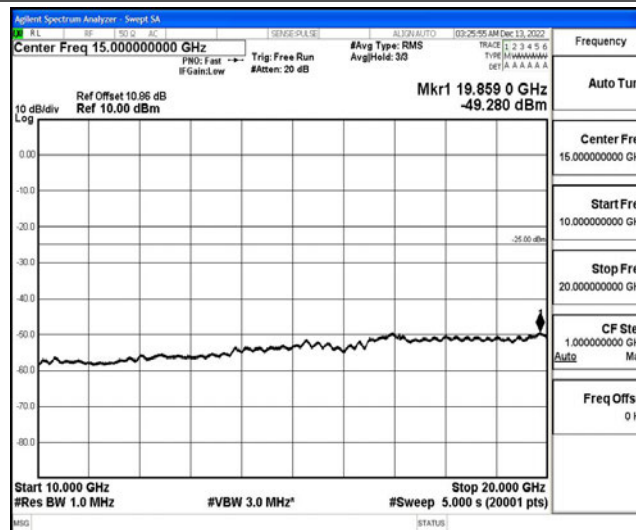


Band41-5MHz-16QAM-39675-1RB#0-Range4:1000~10000MHz

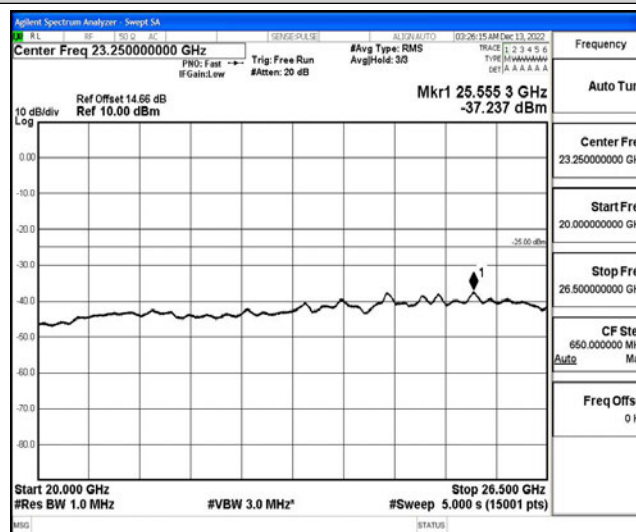




Band41-5MHz-16QAM-39675-1RB#0-Range5:10000~20000MHz

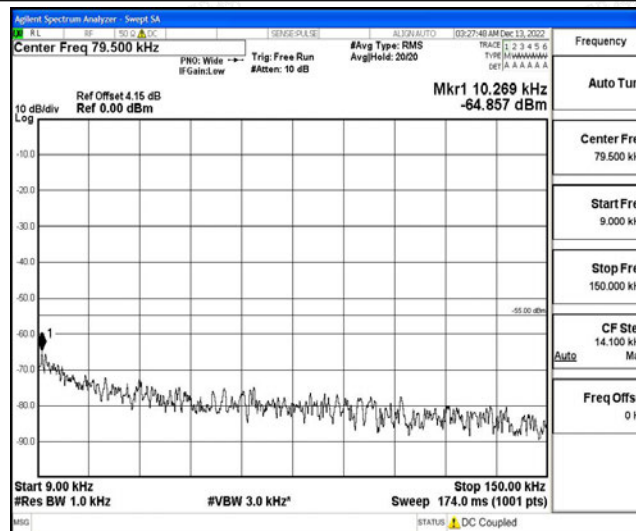


Band41-5MHz-16QAM-39675-1RB#0-Range6:20000~26500MHz

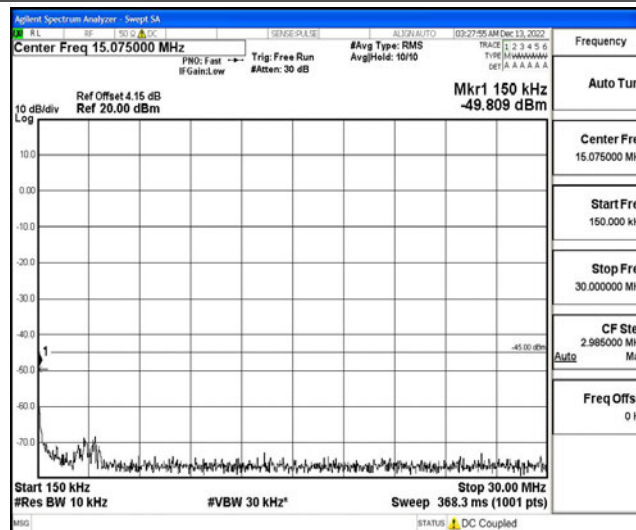


Band41-5MHz-16QAM-40620-1RB#0-Range1:0.009~0.15MHz

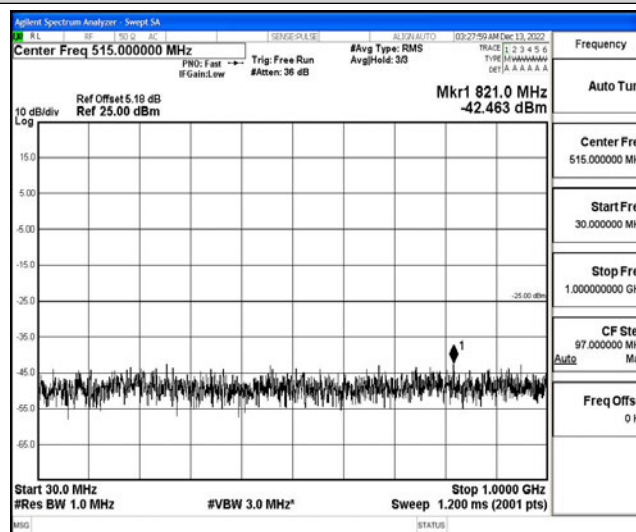




Band41-5MHz-16QAM-40620-1RB#0-Range2:0.15~30MHz

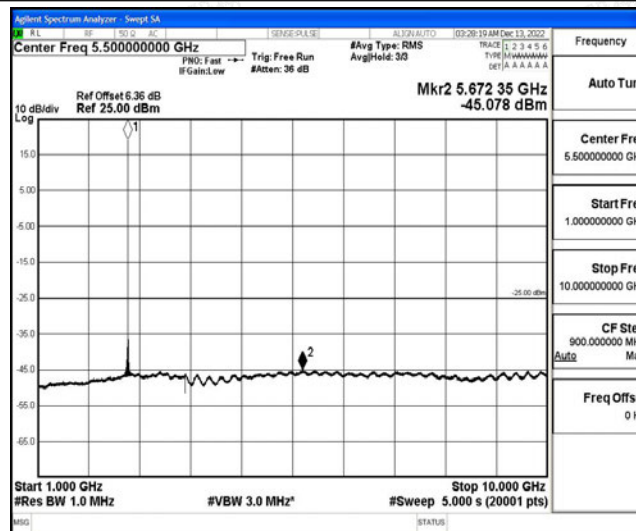


Band41-5MHz-16QAM-40620-1RB#0-Range3:30~1000MHz

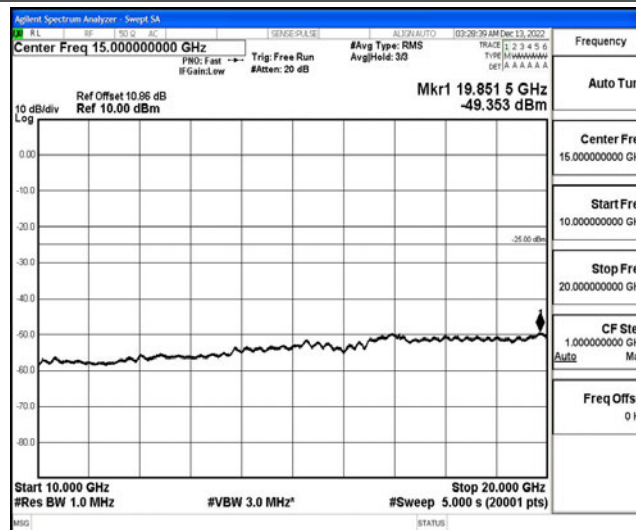


Band41-5MHz-16QAM-40620-1RB#0-Range4:1000~10000MHz

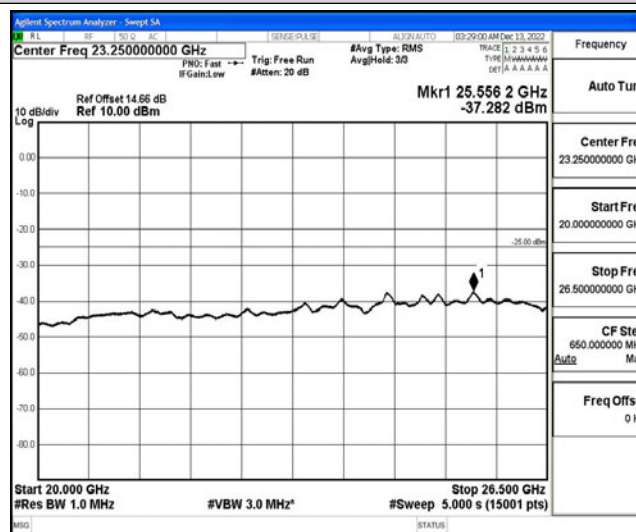




Band41-5MHz-16QAM-40620-1RB#0-Range5:10000~20000MHz

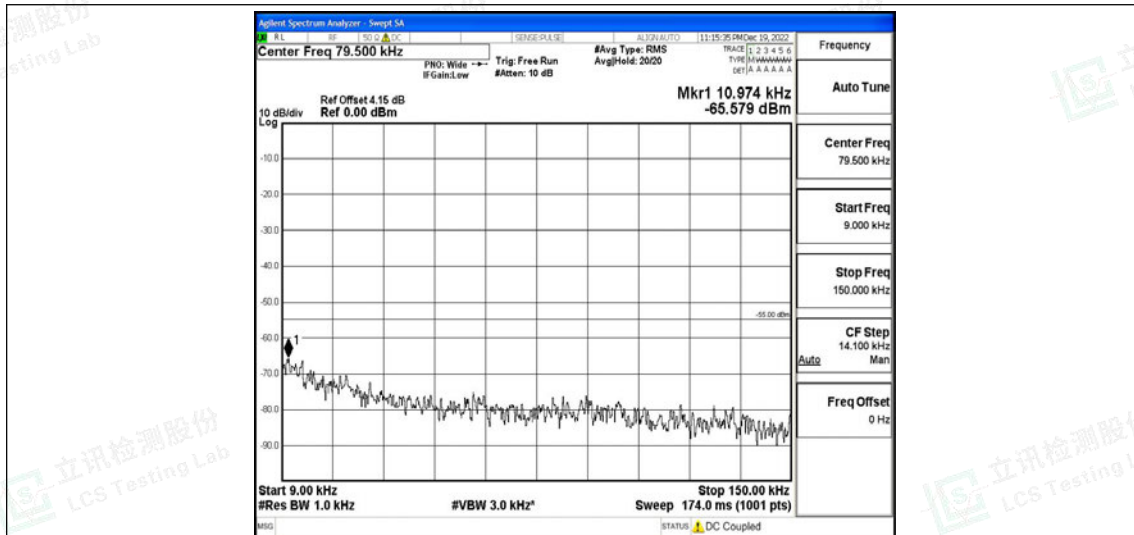


Band41-5MHz-16QAM-40620-1RB#0-Range6:20000~26500MHz

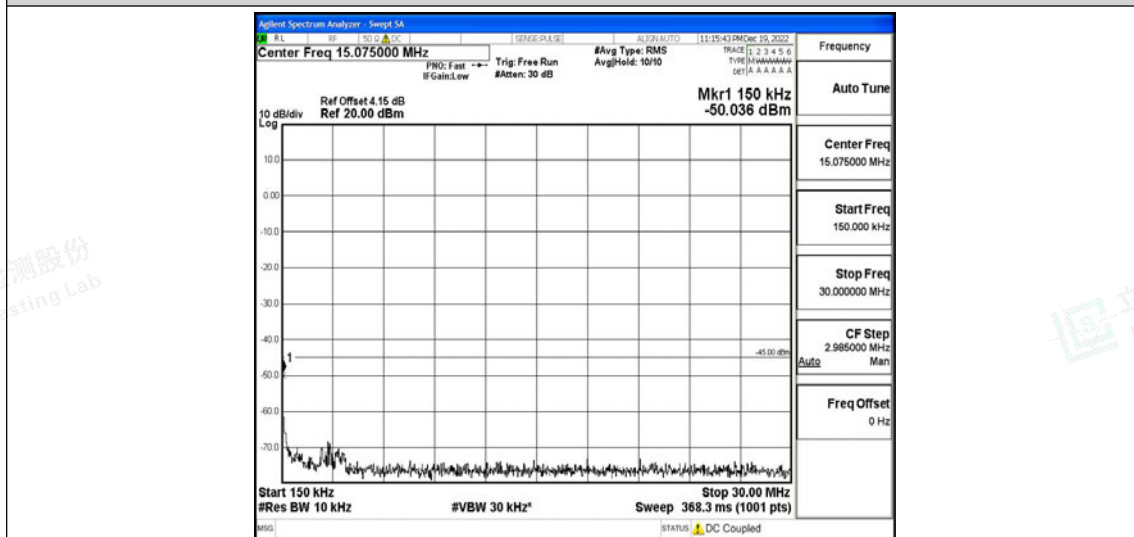


Band41-5MHz-16QAM-41565-1RB#0-Range1:0.009~0.15MHz

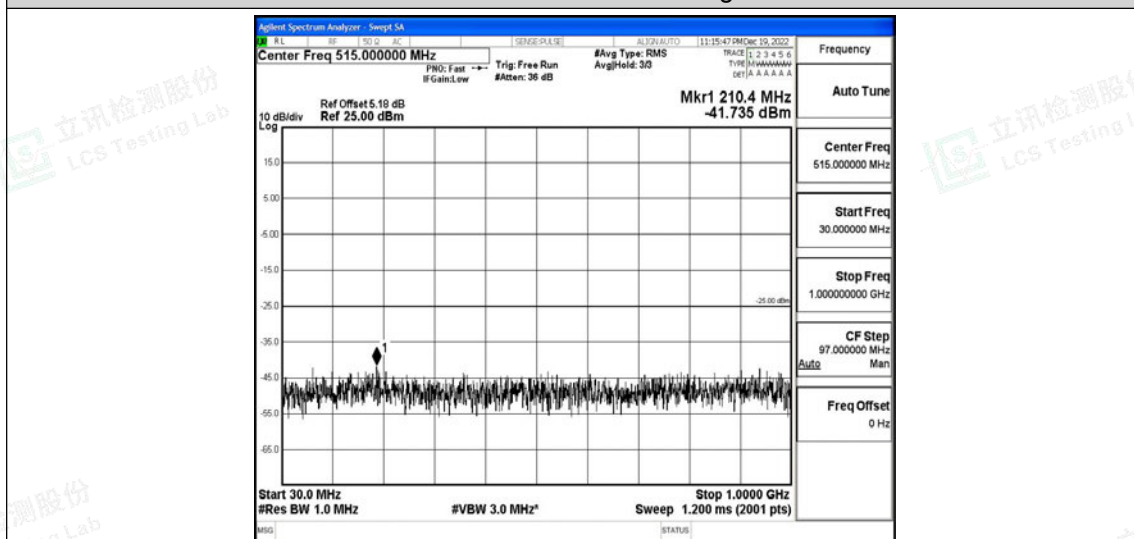




Band41-5MHz-16QAM-41565-1RB#0-Range2:0.15~30MHz

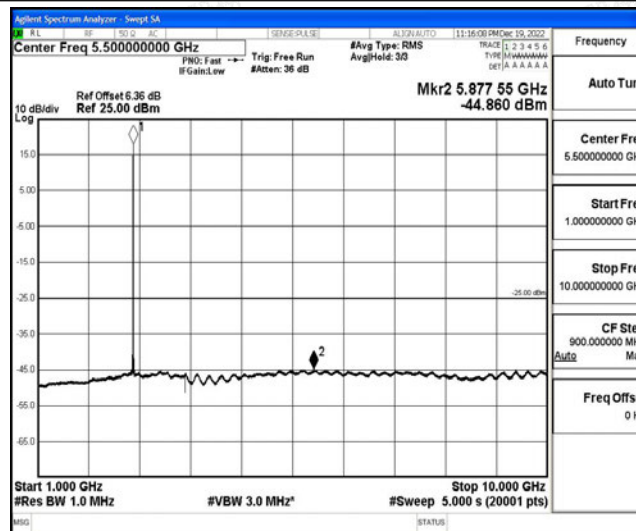


Band41-5MHz-16QAM-41565-1RB#0-Range3:30~1000MHz

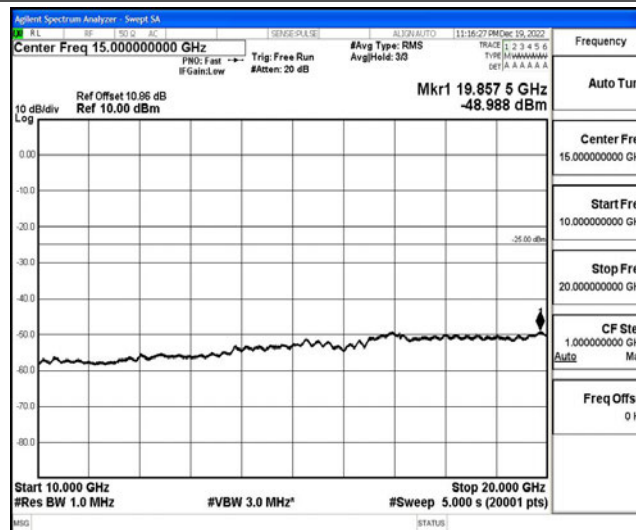


Band41-5MHz-16QAM-41565-1RB#0-Range4:1000~10000MHz

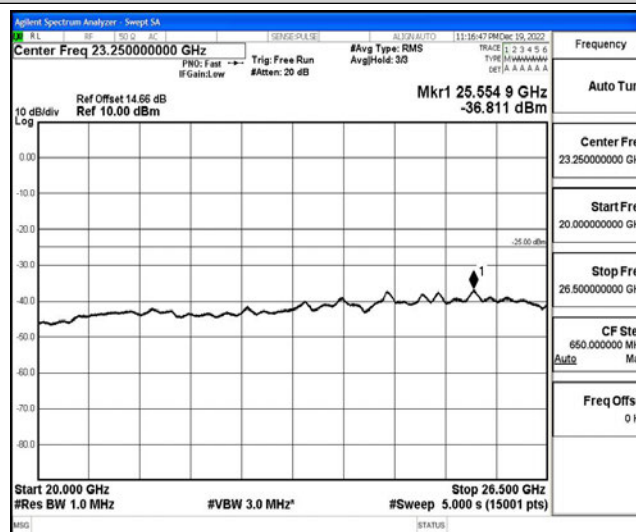




Band41-5MHz-16QAM-41565-1RB#0-Range5:10000~20000MHz



Band41-5MHz-16QAM-41565-1RB#0-Range6:20000~26500MHz



Band41-10MHz-QPSK-39700-1RB#0-Range1:0.009~0.15MHz

