



Appendix M: Test Data for E-UTRA Band 41

Product Name: Puya

Test Model: HPPAP39

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu





M.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	24.13	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.43	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.30	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.59	PASS
Band41	5MHz	QPSK	39675	1RB#24	24.24	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.49	PASS
Band41	5MHz	QPSK	39675	12RB#0	23.15	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.12	PASS
Band41	5MHz	QPSK	39675	12RB#6	23.17	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.10	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.26	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.14	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.18	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.16	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.34	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.60	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.45	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.75	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.42	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.71	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.39	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.31	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.37	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.34	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.40	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.35	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.40	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.42	PASS
Band41	5MHz	QPSK	41565	1RB#0	24.40	PASS
Band41	5MHz	16QAM	41565	1RB#0	23.70	PASS
Band41	5MHz	QPSK	41565	1RB#12	24.55	PASS
Band41	5MHz	16QAM	41565	1RB#12	23.89	PASS
Band41	5MHz	QPSK	41565	1RB#24	24.48	PASS
Band41	5MHz	16QAM	41565	1RB#24	23.80	PASS
Band41	5MHz	QPSK	41565	12RB#0	23.48	PASS
Band41	5MHz	16QAM	41565	12RB#0	22.41	PASS



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 Scan code to check authenticity



Band41	5MHz	QPSK	41565	12RB#6	23.49	PASS
Band41	5MHz	16QAM	41565	12RB#6	22.44	PASS
Band41	5MHz	QPSK	41565	12RB#13	23.52	PASS
Band41	5MHz	16QAM	41565	12RB#13	22.45	PASS
Band41	5MHz	QPSK	41565	25RB#0	23.50	PASS
Band41	5MHz	16QAM	41565	25RB#0	22.50	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.18	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.48	PASS
Band41	10MHz	QPSK	39700	1RB#24	24.45	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.76	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.39	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.68	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.29	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.32	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.32	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.34	PASS
Band41	10MHz	QPSK	39700	25RB#25	23.31	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.39	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.32	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.31	PASS
Band41	10MHz	QPSK	40620	1RB#0	24.30	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.61	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.63	PASS
Band41	10MHz	16QAM	40620	1RB#24	23.92	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.55	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.85	PASS
Band41	10MHz	QPSK	40620	25RB#0	23.40	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.46	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.42	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.49	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.50	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.57	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.44	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.45	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.42	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.74	PASS
Band41	10MHz	QPSK	41540	1RB#24	24.72	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.57	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.86	PASS



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Band41	10MHz	QPSK	41540	25RB#0	23.56	PASS
Band41	10MHz	16QAM	41540	25RB#0	22.61	PASS
Band41	10MHz	QPSK	41540	25RB#12	23.55	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.61	PASS
Band41	10MHz	QPSK	41540	25RB#25	23.56	PASS
Band41	10MHz	16QAM	41540	25RB#25	22.61	PASS
Band41	10MHz	QPSK	41540	50RB#0	23.55	PASS
Band41	10MHz	16QAM	41540	50RB#0	22.54	PASS
Band41	15MHz	QPSK	39725	1RB#0	24.12	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.42	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.38	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.69	PASS
Band41	15MHz	QPSK	39725	1RB#74	24.43	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.72	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.43	PASS
Band41	15MHz	16QAM	39725	38RB#0	23.43	PASS
Band41	15MHz	QPSK	39725	38RB#18	23.40	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.40	PASS
Band41	15MHz	QPSK	39725	38RB#37	23.41	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.43	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.41	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.42	PASS
Band41	15MHz	QPSK	40620	1RB#0	24.22	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.51	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.44	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.79	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.50	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.83	PASS
Band41	15MHz	QPSK	40620	38RB#0	23.52	PASS
Band41	15MHz	16QAM	40620	38RB#0	23.52	PASS
Band41	15MHz	QPSK	40620	38RB#18	23.51	PASS
Band41	15MHz	16QAM	40620	38RB#18	23.50	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.51	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.53	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.53	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.50	PASS
Band41	15MHz	QPSK	41515	1RB#0	24.33	PASS
Band41	15MHz	16QAM	41515	1RB#0	23.64	PASS
Band41	15MHz	QPSK	41515	1RB#38	24.44	PASS
Band41	15MHz	16QAM	41515	1RB#38	23.77	PASS



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Band41	15MHz	QPSK	41515	1RB#74	24.45	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.78	PASS
Band41	15MHz	QPSK	41515	38RB#0	23.54	PASS
Band41	15MHz	16QAM	41515	38RB#0	23.54	PASS
Band41	15MHz	QPSK	41515	38RB#18	23.54	PASS
Band41	15MHz	16QAM	41515	38RB#18	23.54	PASS
Band41	15MHz	QPSK	41515	38RB#37	23.53	PASS
Band41	15MHz	16QAM	41515	38RB#37	23.53	PASS
Band41	15MHz	QPSK	41515	75RB#0	23.53	PASS
Band41	15MHz	16QAM	41515	75RB#0	22.54	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.99	PASS
Band41	20MHz	16QAM	39750	1RB#0	23.15	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.63	PASS
Band41	20MHz	16QAM	39750	1RB#49	23.69	PASS
Band41	20MHz	QPSK	39750	1RB#99	24.32	PASS
Band41	20MHz	16QAM	39750	1RB#99	23.47	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.32	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.34	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.32	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.34	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.45	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.47	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.41	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.36	PASS
Band41	20MHz	QPSK	40620	1RB#0	24.08	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.22	PASS
Band41	20MHz	QPSK	40620	1RB#49	24.60	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.73	PASS
Band41	20MHz	QPSK	40620	1RB#99	24.44	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.58	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.37	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.37	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.38	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.40	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.54	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.53	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.44	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.44	PASS
Band41	20MHz	QPSK	41490	1RB#0	24.23	PASS
Band41	20MHz	16QAM	41490	1RB#0	23.42	PASS



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Scan code to check authenticity



Band41	20MHz	QPSK	41490	1RB#49	24.59	PASS
Band41	20MHz	16QAM	41490	1RB#49	23.73	PASS
Band41	20MHz	QPSK	41490	1RB#99	24.30	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.47	PASS
Band41	20MHz	QPSK	41490	50RB#0	23.49	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.50	PASS
Band41	20MHz	QPSK	41490	50RB#25	23.49	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.50	PASS
Band41	20MHz	QPSK	41490	50RB#50	23.41	PASS
Band41	20MHz	16QAM	41490	50RB#50	22.43	PASS
Band41	20MHz	QPSK	41490	100RB#0	23.44	PASS
Band41	20MHz	16QAM	41490	100RB#0	22.46	PASS



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

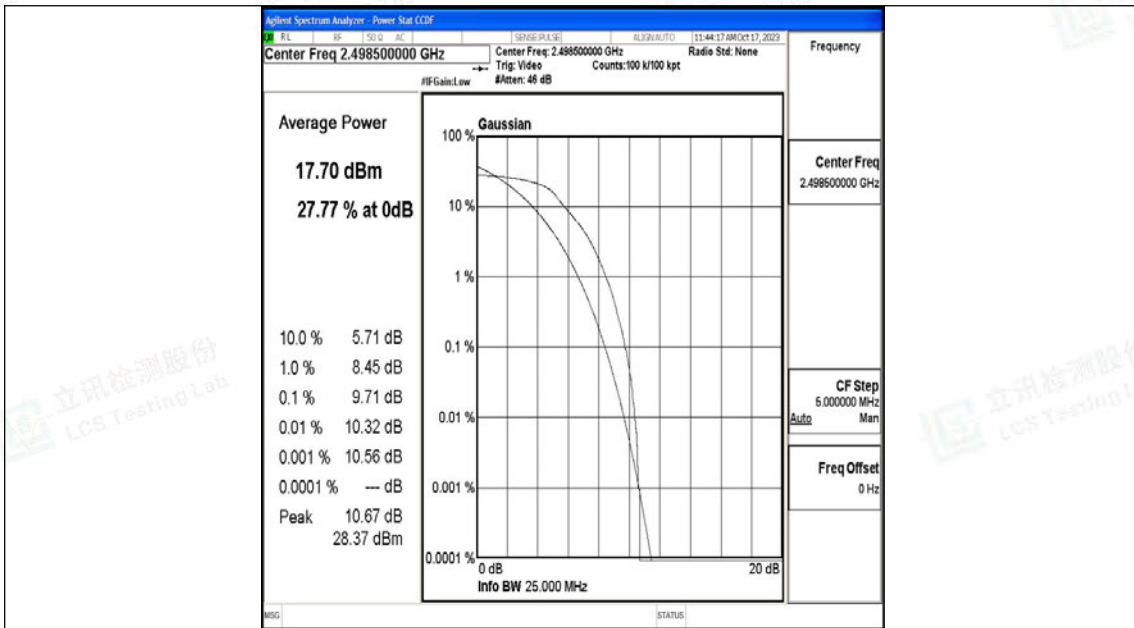
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	9.71	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	10.43	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	8.70	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	10.50	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	10.00	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	8.81	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.43	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	11.23	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	10.59	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	10.84	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	7.57	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	10.17	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	12.80	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.35	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	10.19	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.09	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.91	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	11.04	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	9.76	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	8.84	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.71	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	8.00	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	10.03	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.84	13	PASS

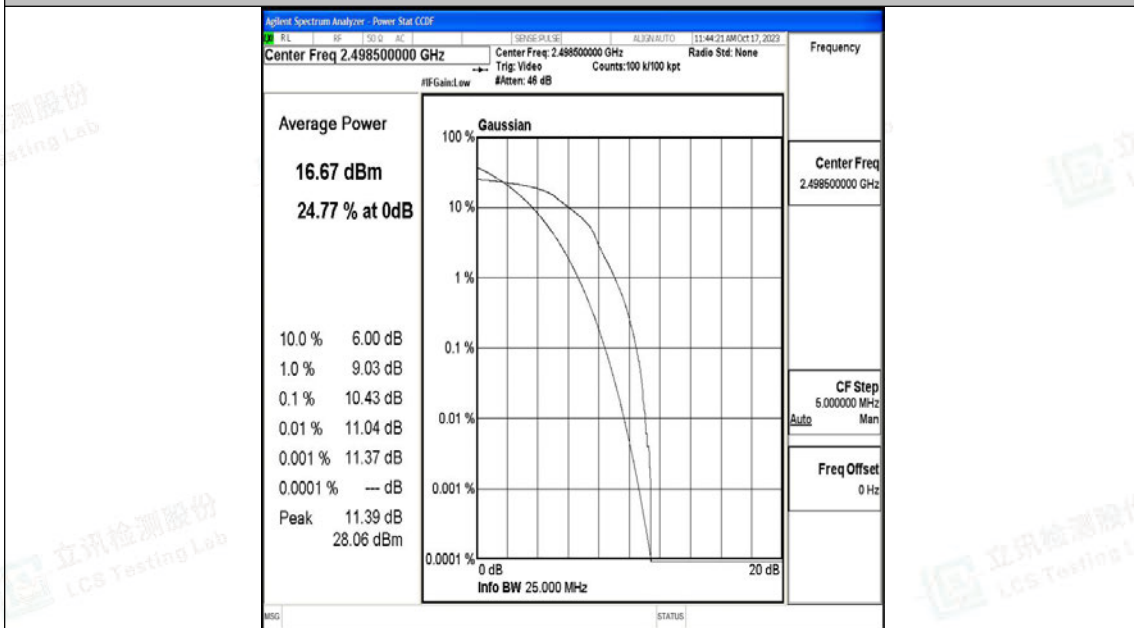




Test Graphs

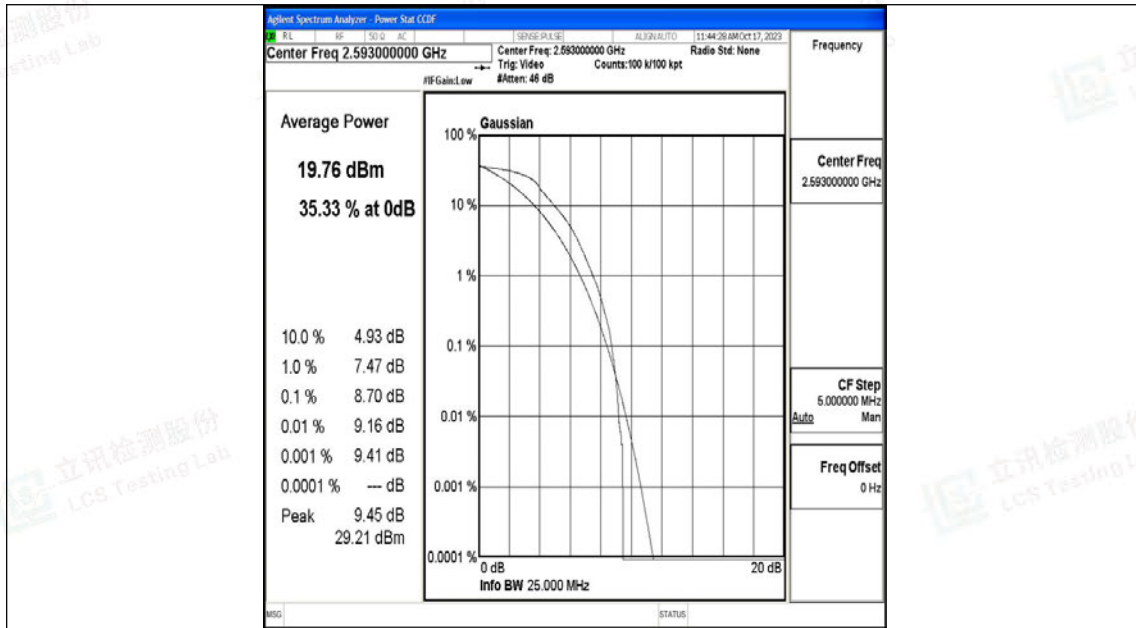


5MHz-39675

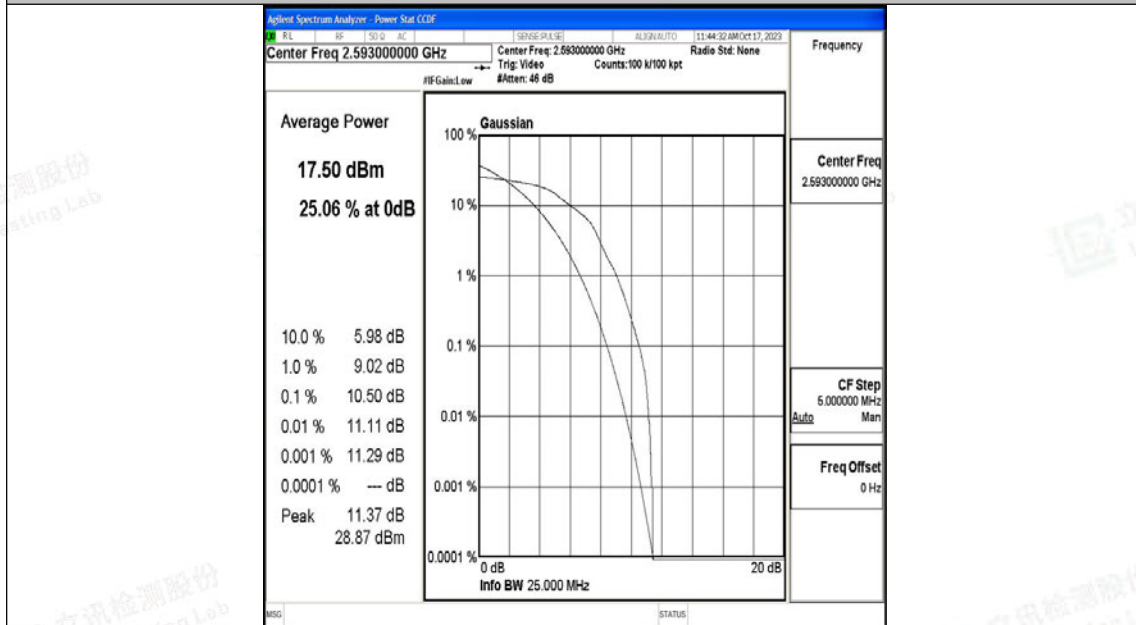


5MHz-39675



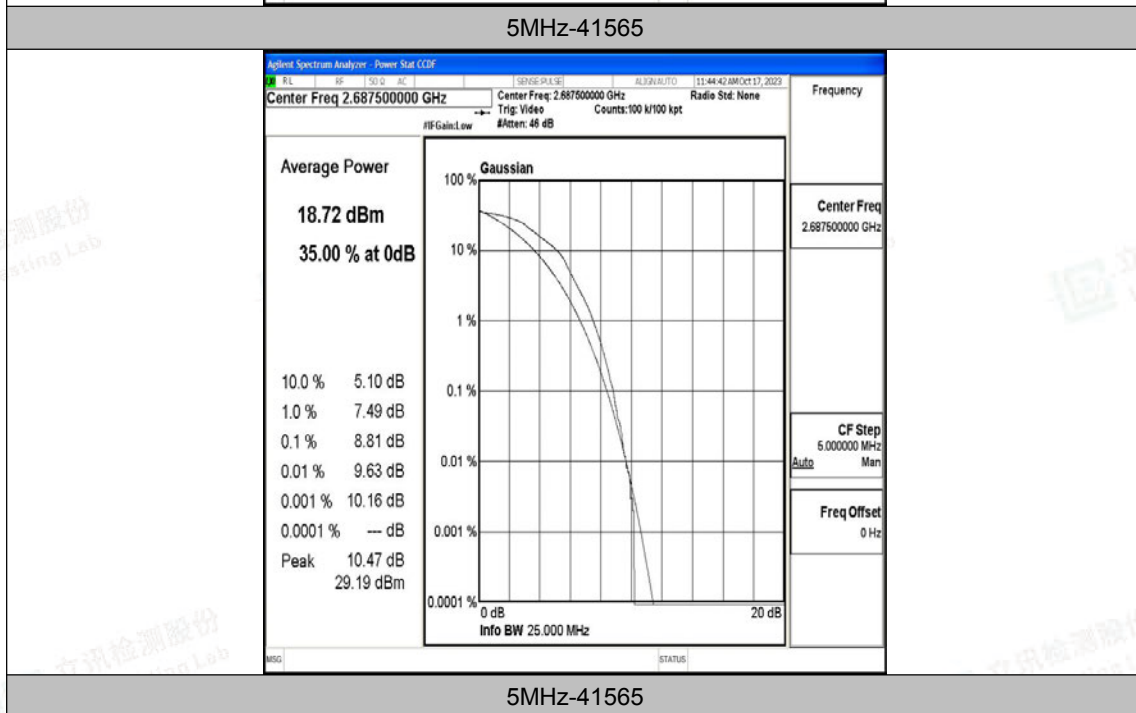
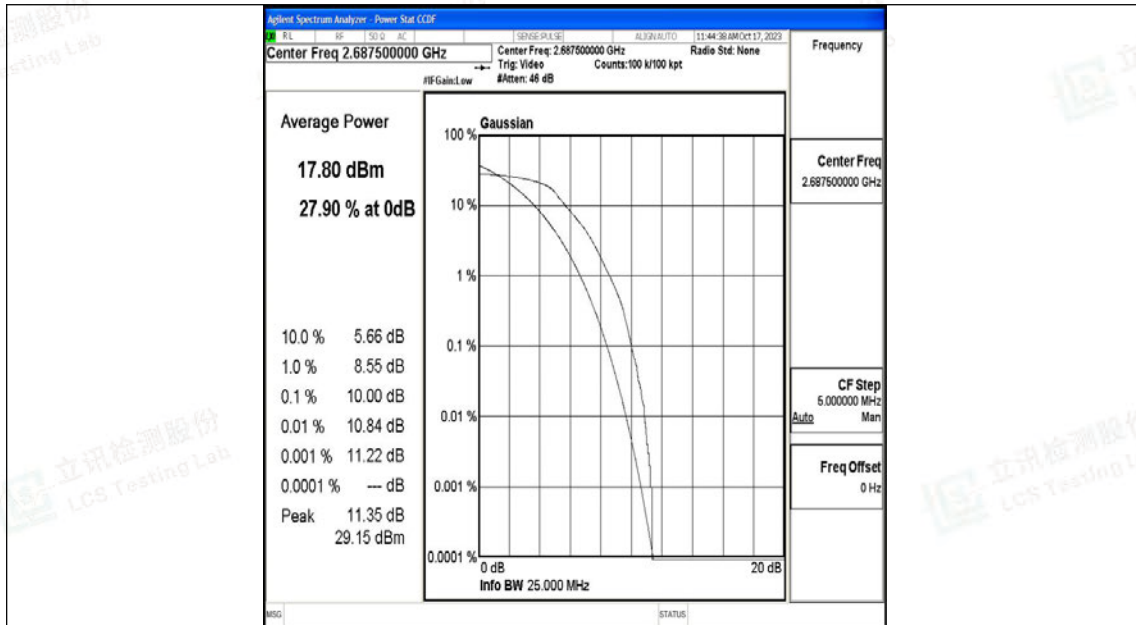


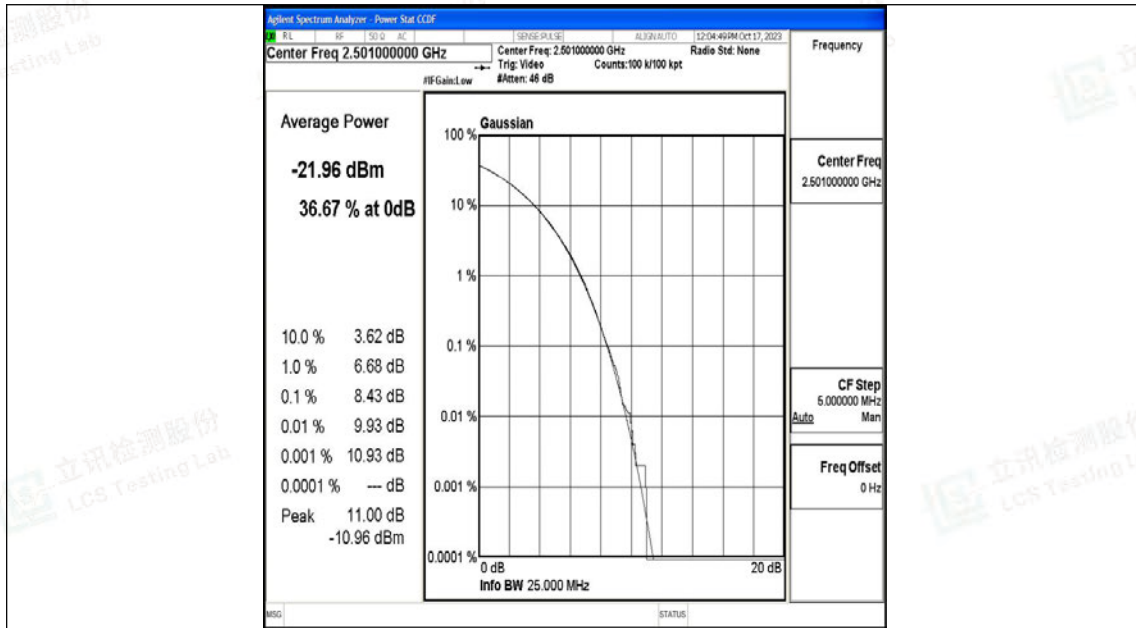
5MHz-40620



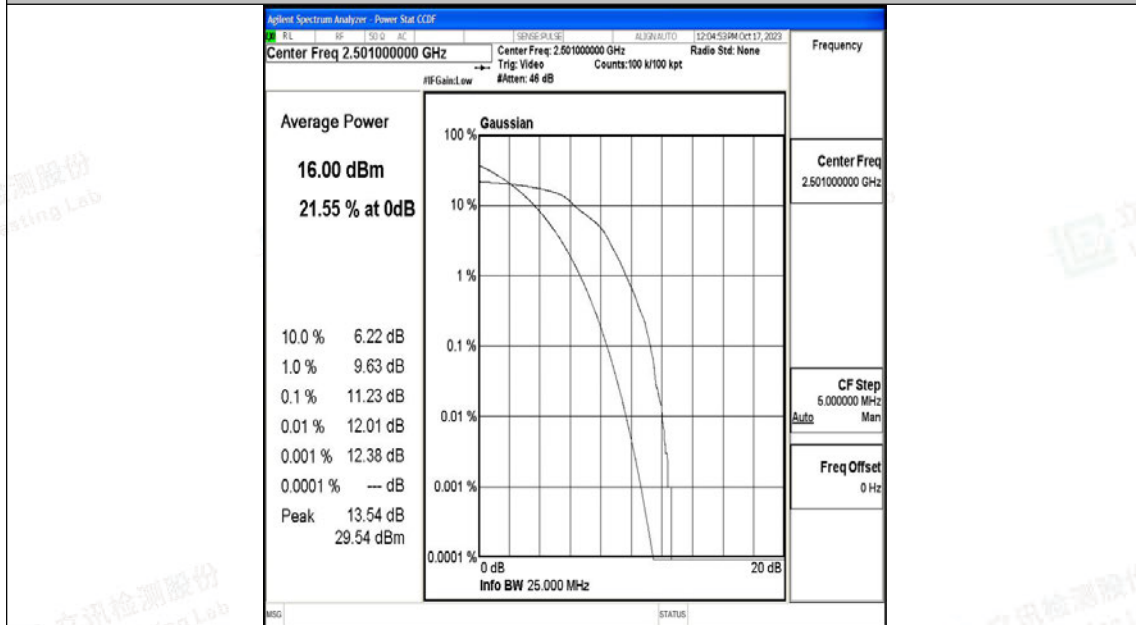
5MHz-40620





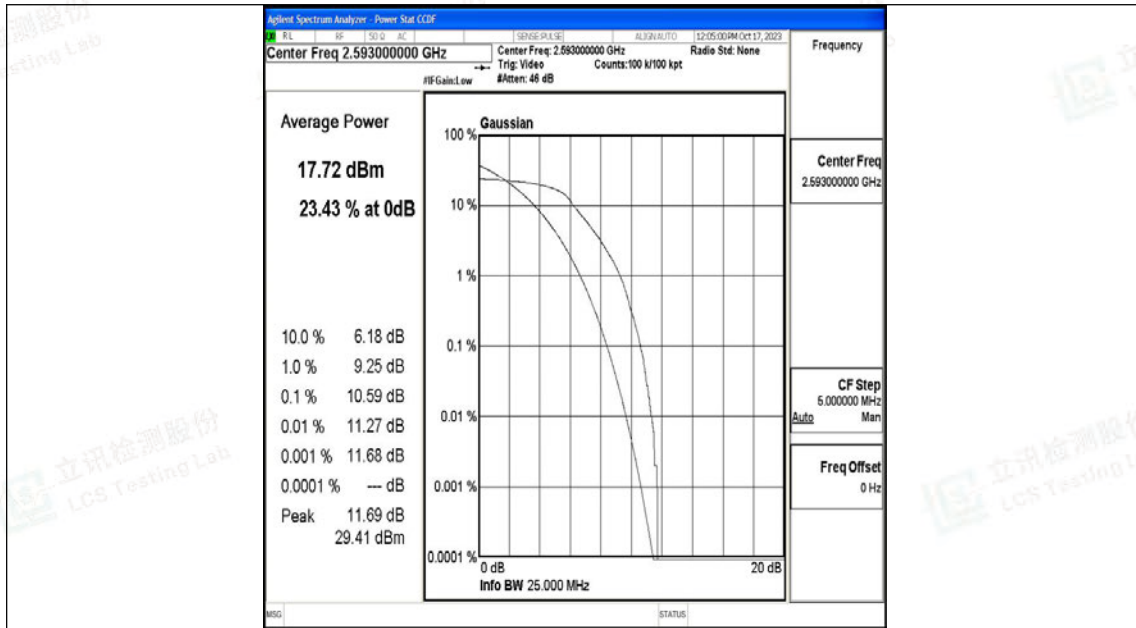


10MHz-39700

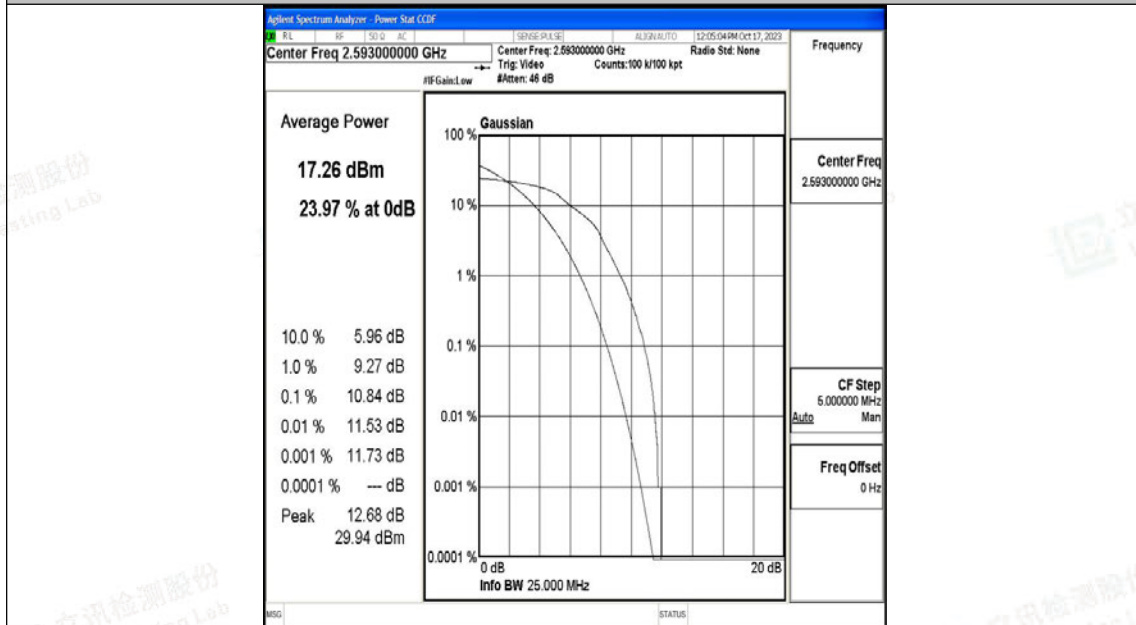


10MHz-39700



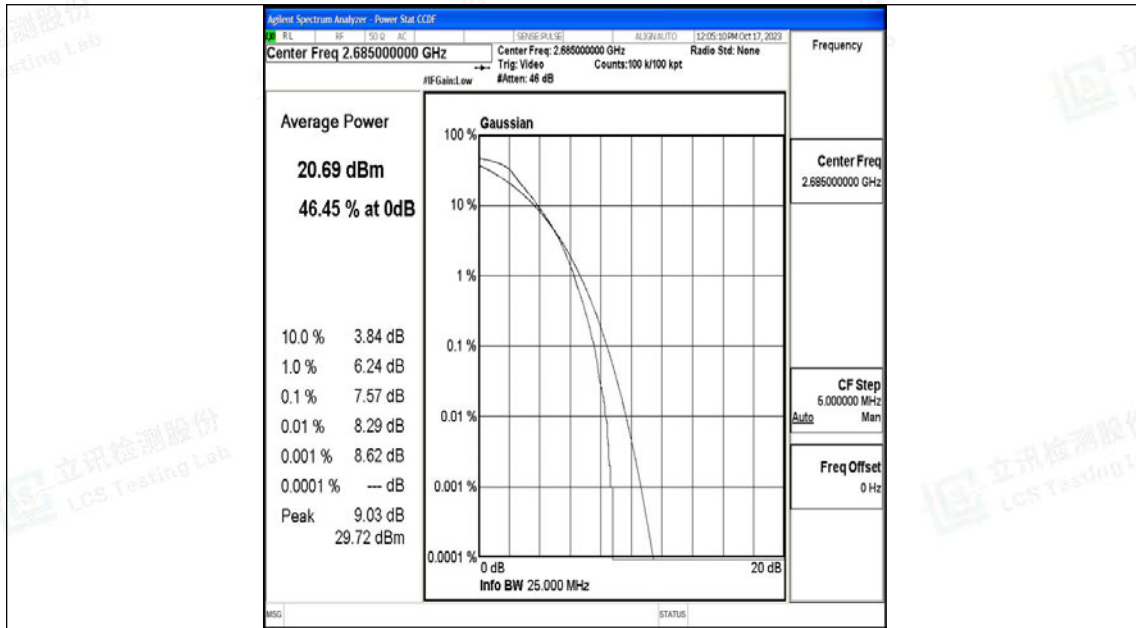


10MHz-40620

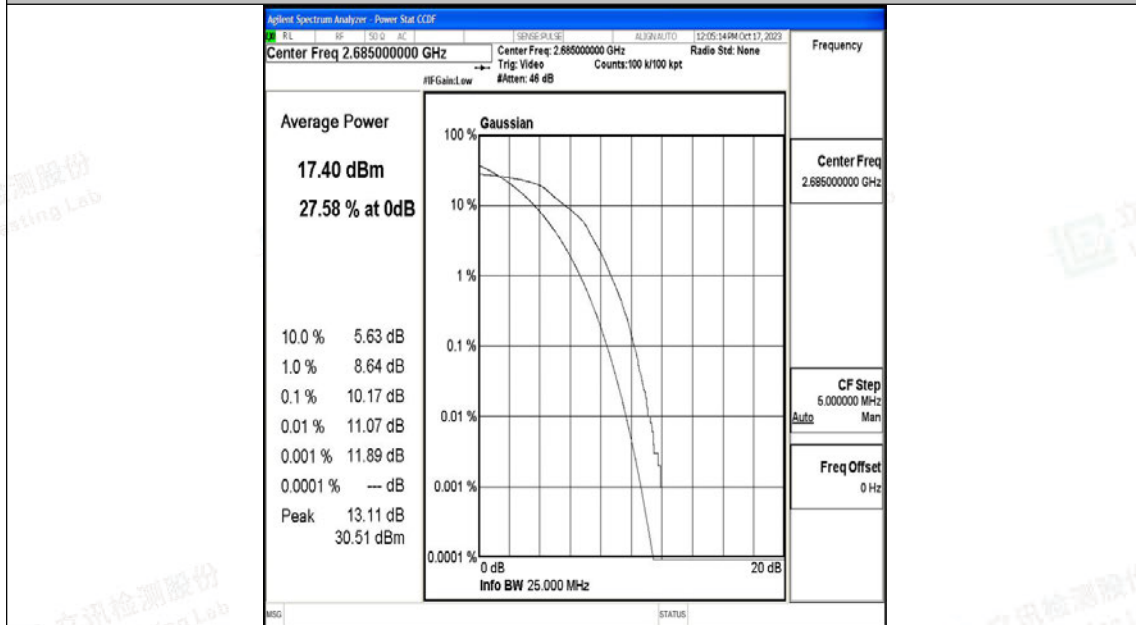


10MHz-40620



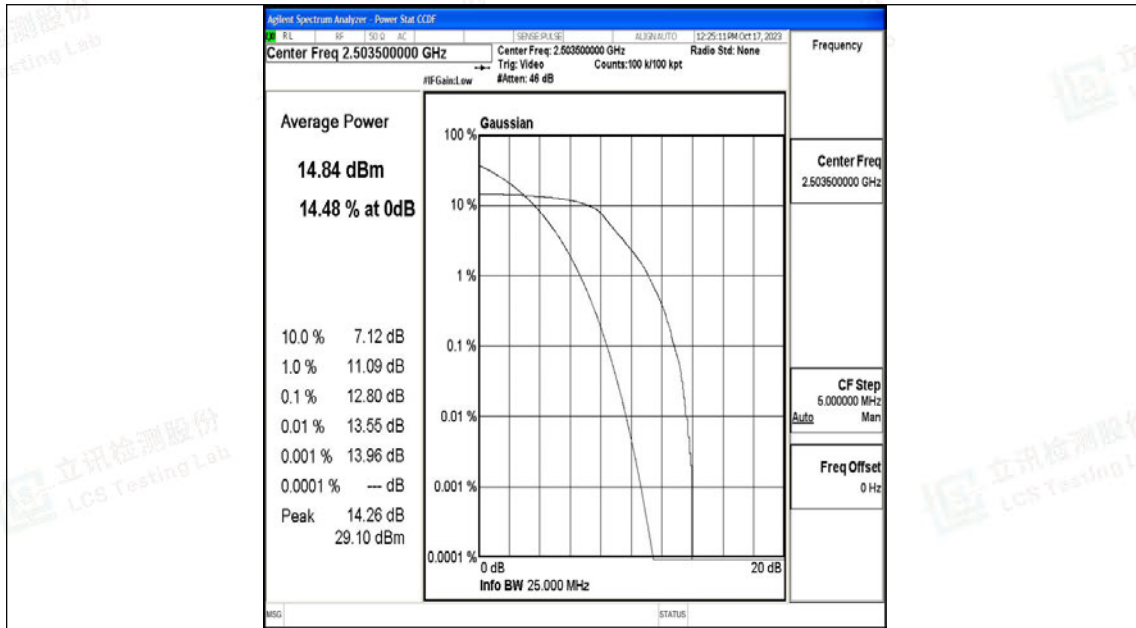


10MHz-41540

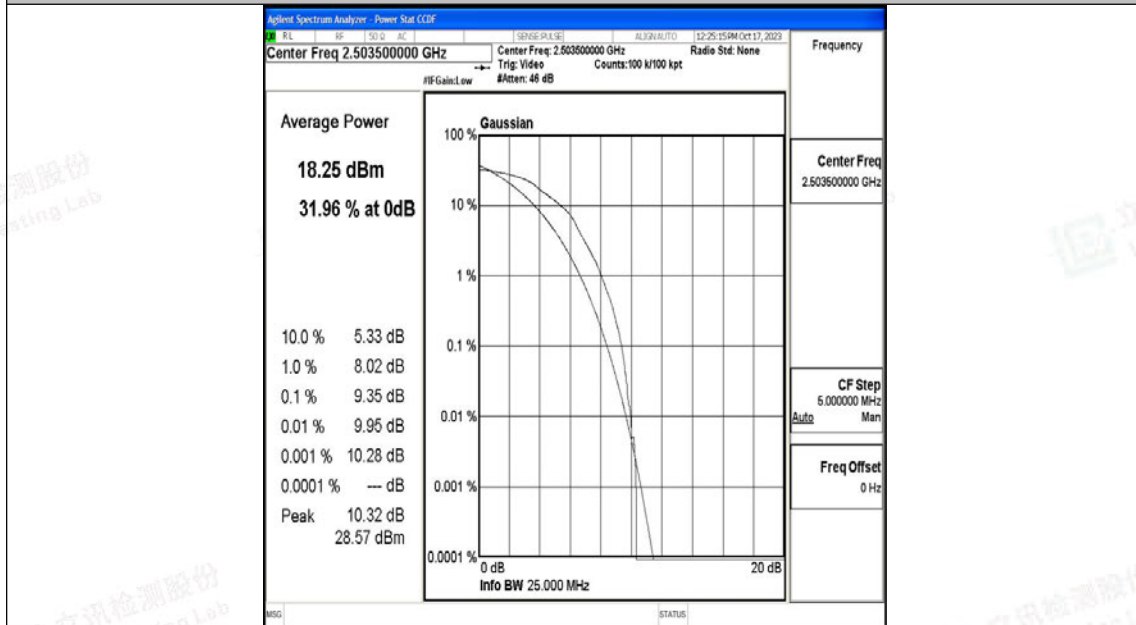


10MHz-41540



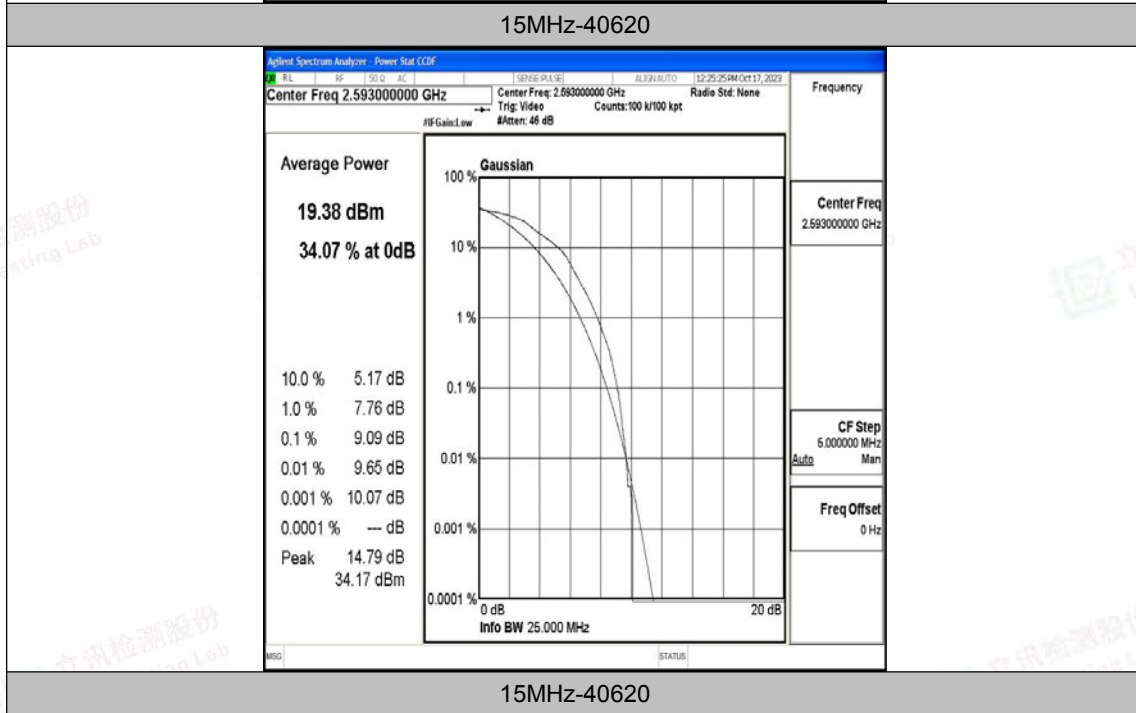
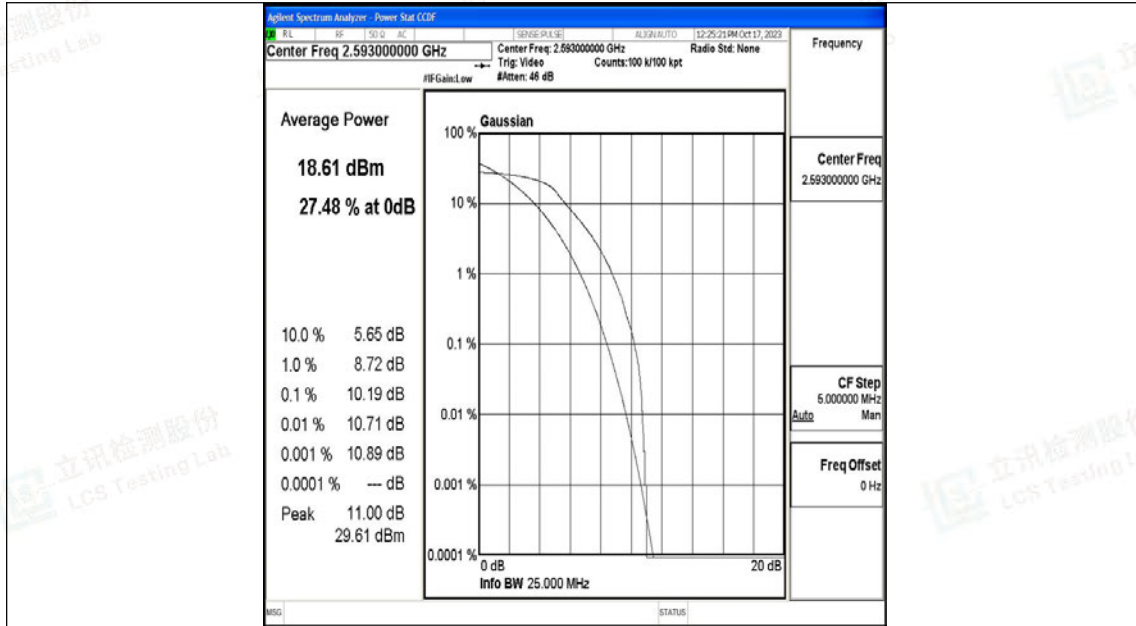


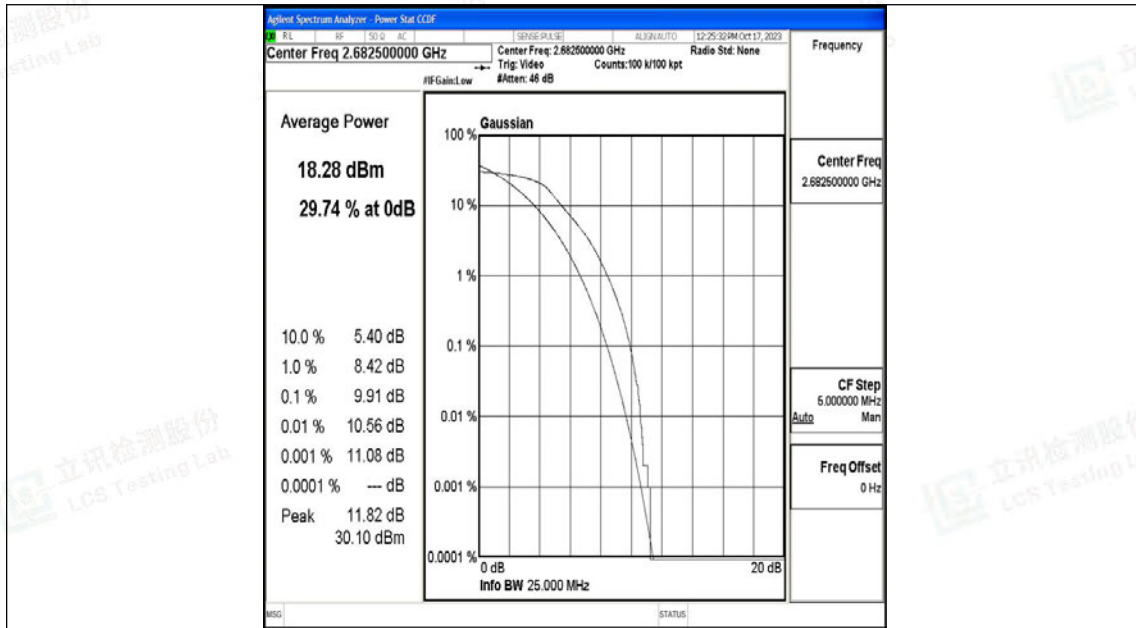
15MHz-39725



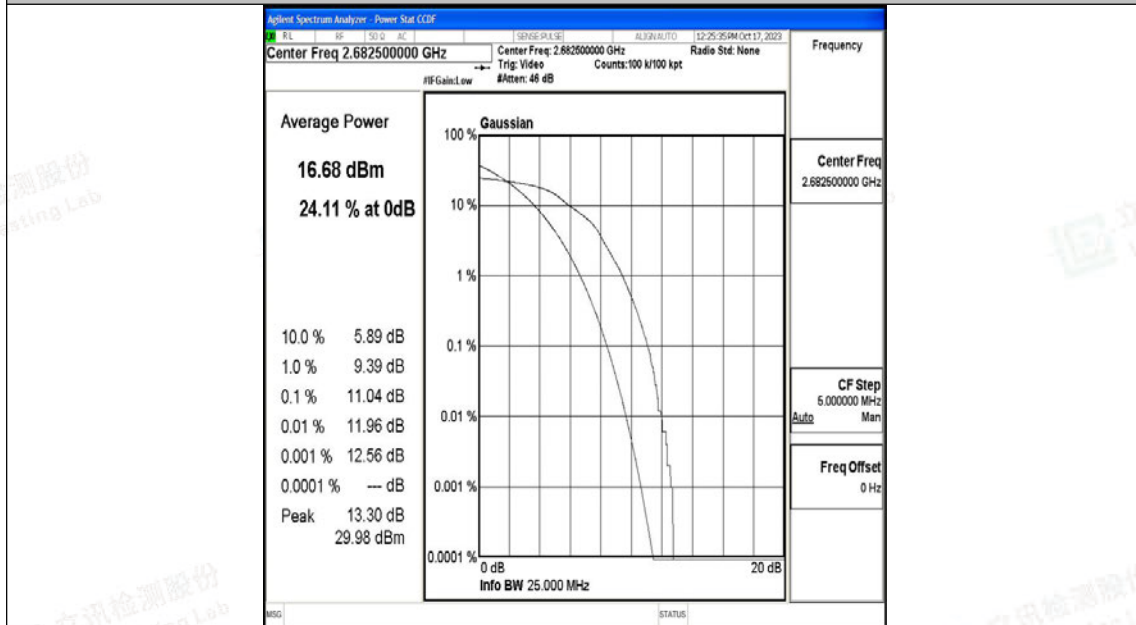
15MHz-39725





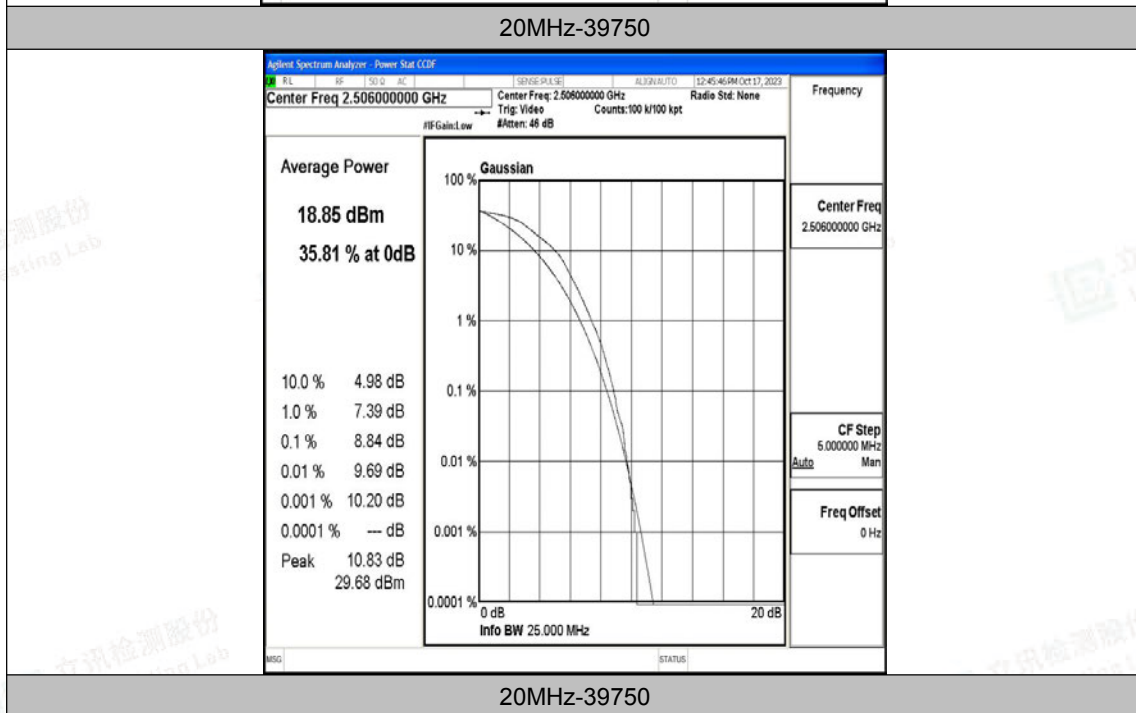
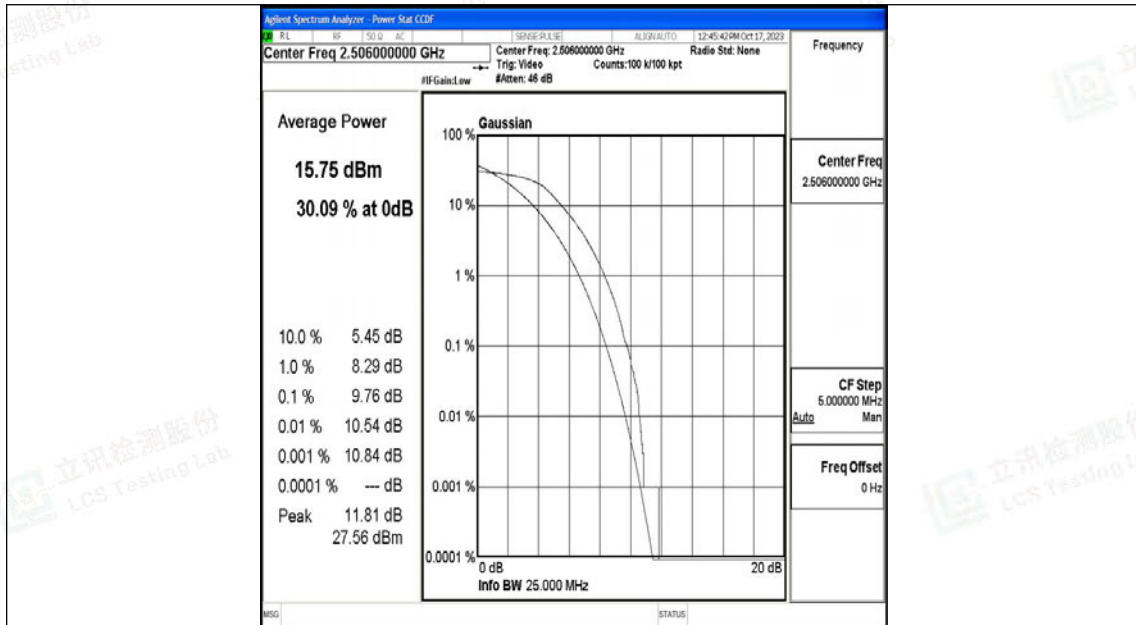


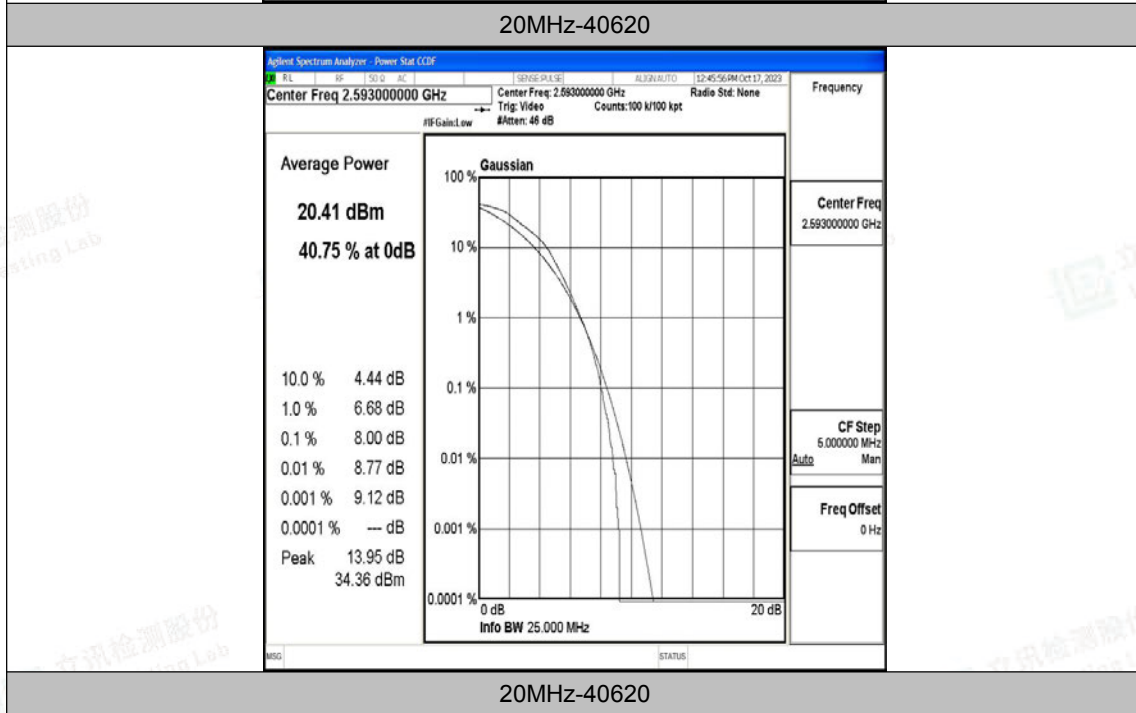
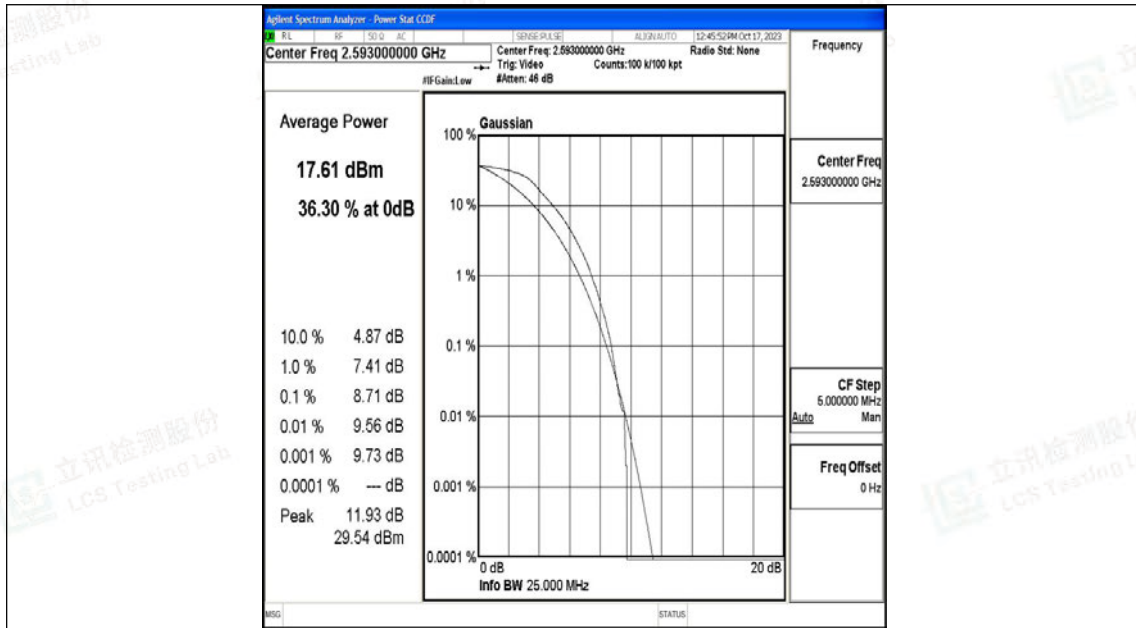
15MHz-41515

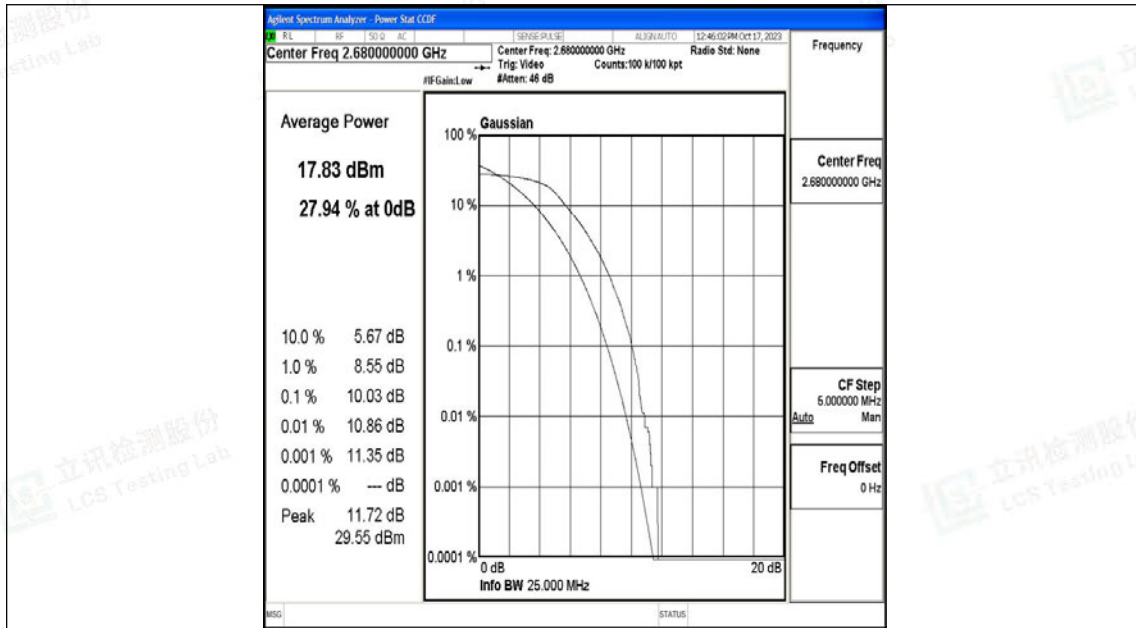


15MHz-41515

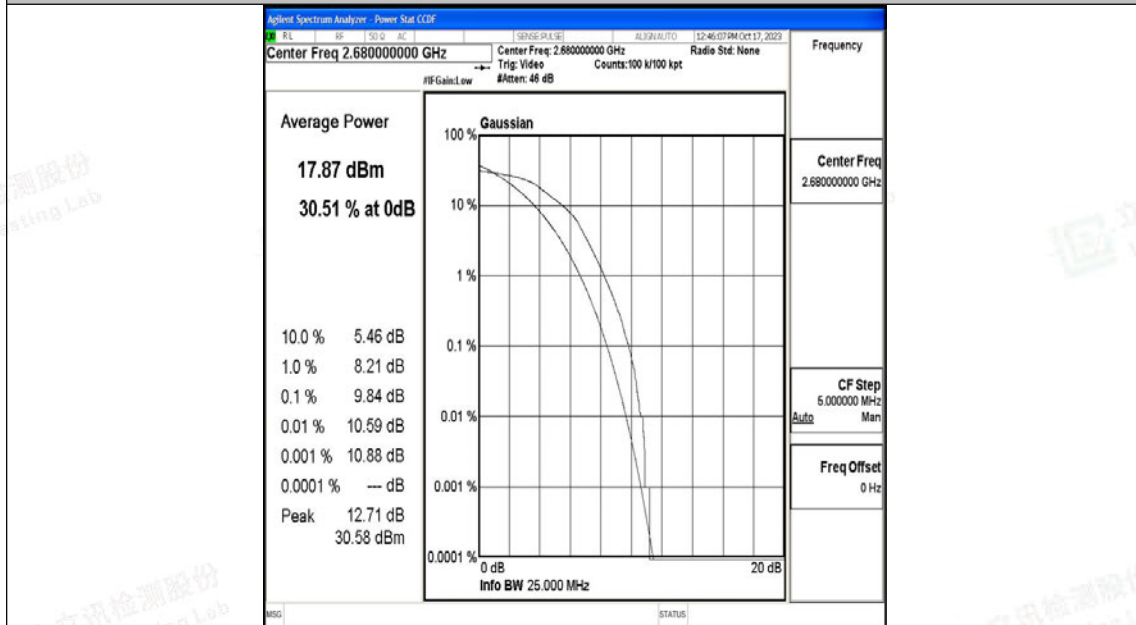








20MHz-41490



20MHz-41490





M.3 26dB Bandwidth and Occupied Bandwidth

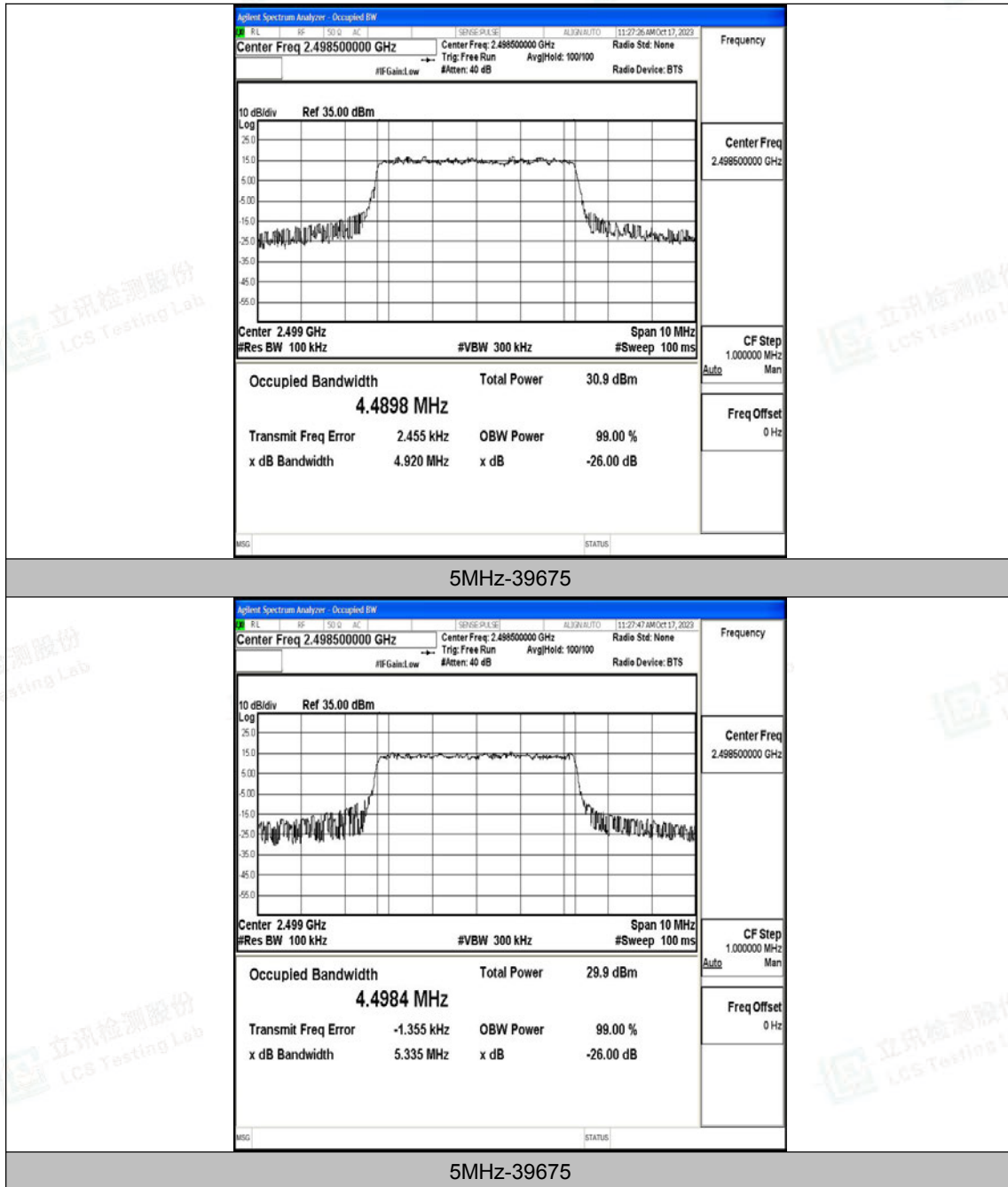
Test Result

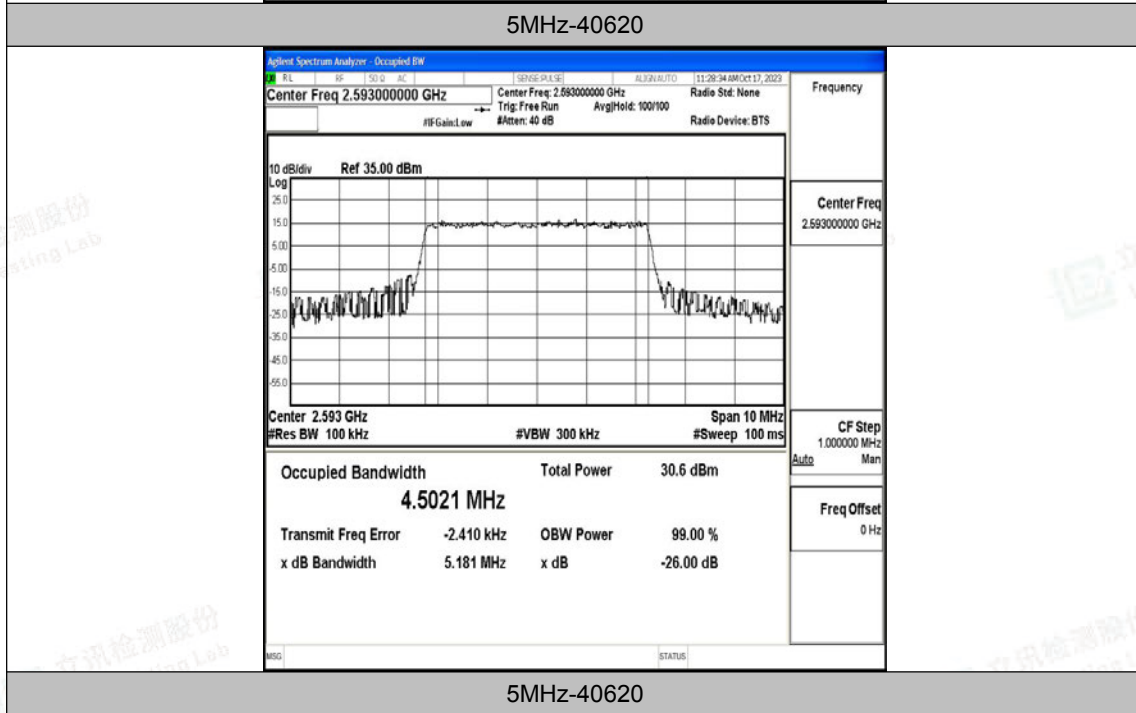
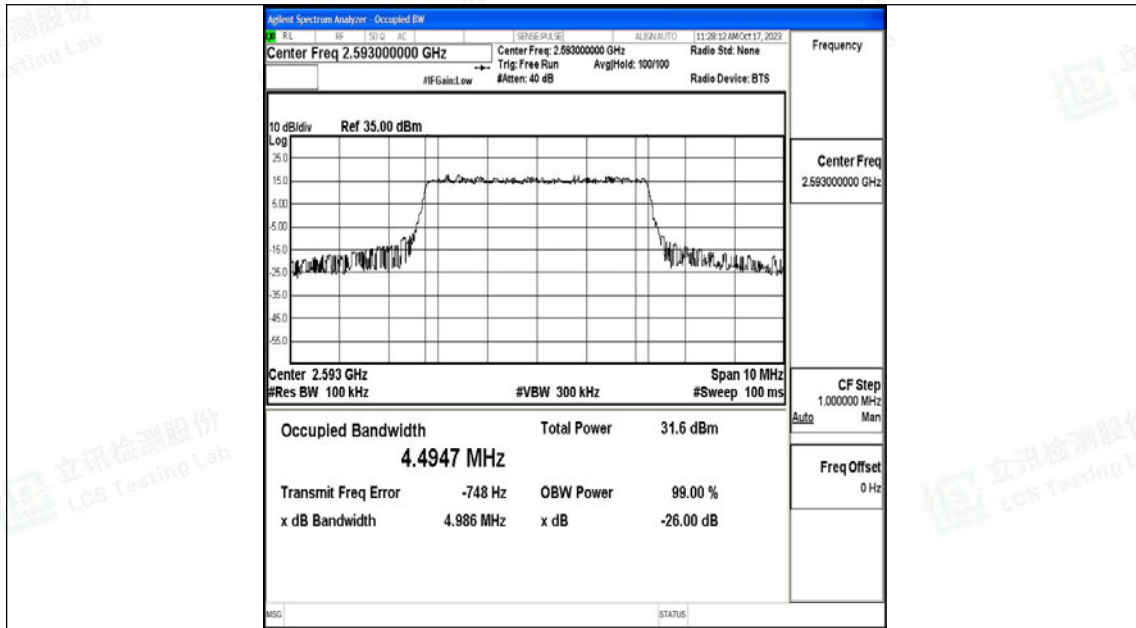
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4898	4.920	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4984	5.335	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4947	4.986	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5021	5.181	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4941	5.373	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4898	5.020	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9816	9.823	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9861	9.713	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9757	10.63	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9803	9.942	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9779	10.31	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9958	10.86	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.490	15.03	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.461	16.50	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.495	15.20	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.478	15.15	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.435	15.62	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.478	15.22	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.964	19.46	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.964	20.04	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.008	19.46	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.942	19.59	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.870	20.35	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.914	19.51	PASS





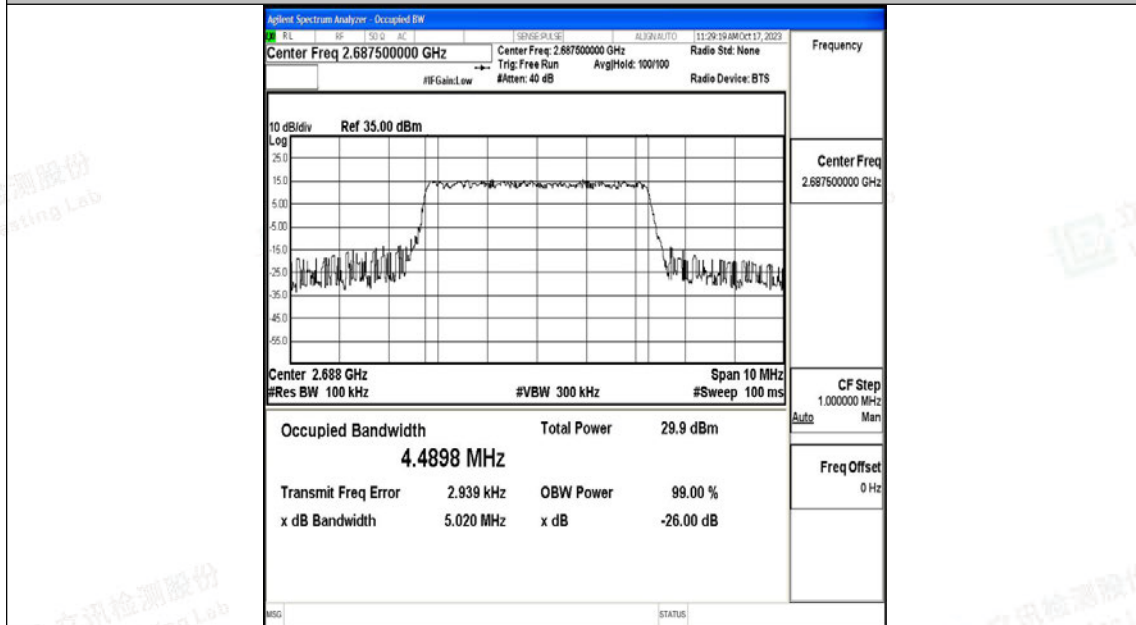
Test Graphs





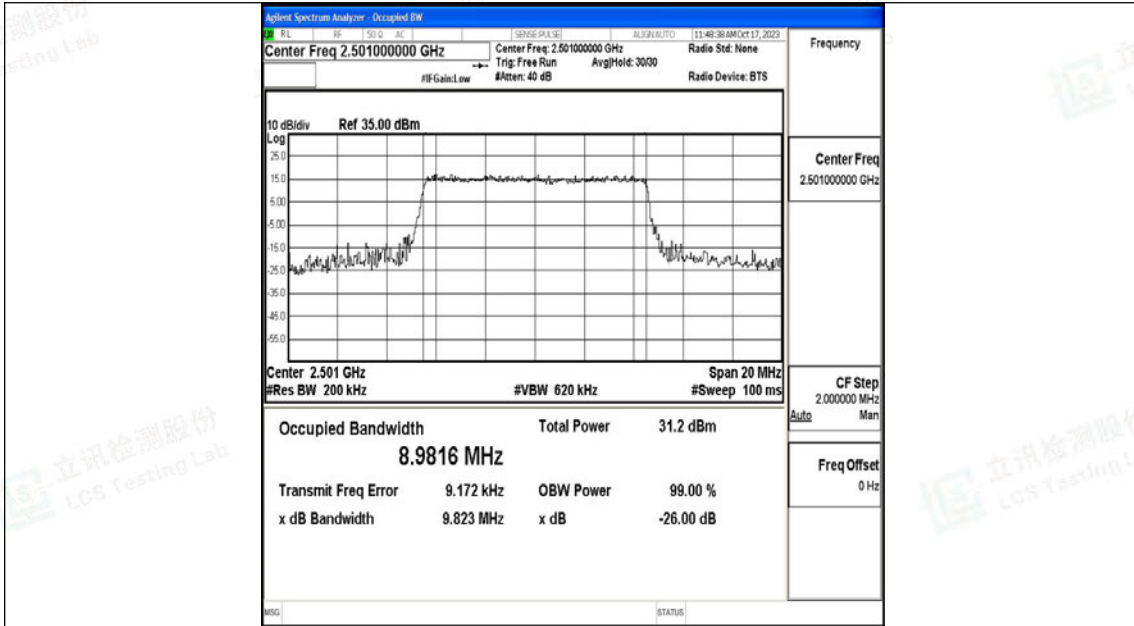


5MHz-41565

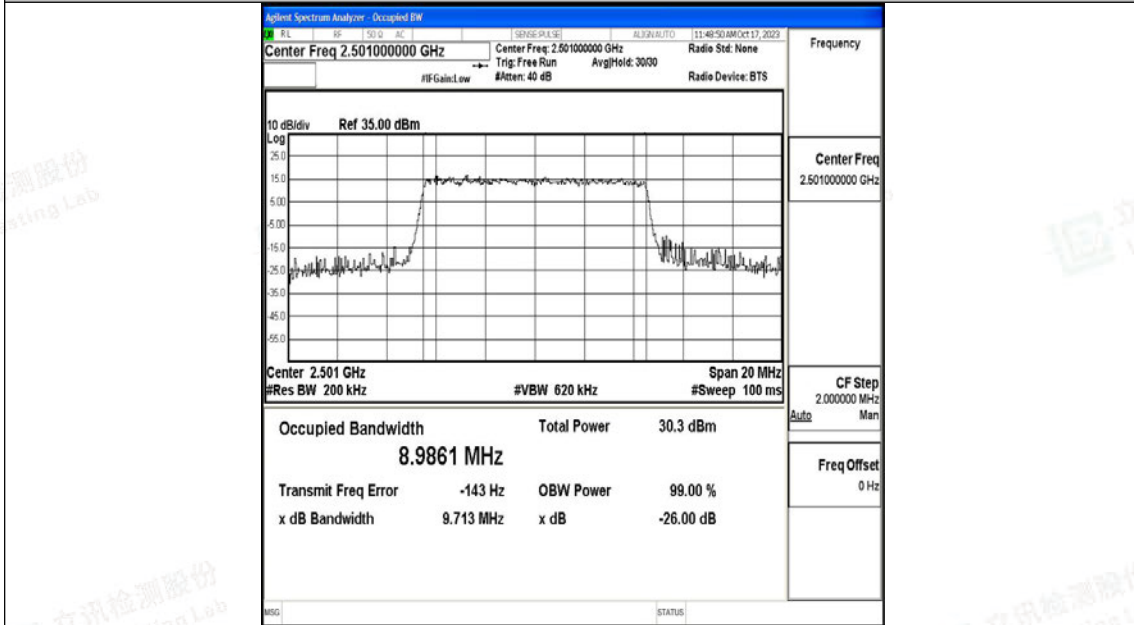


5MHz-41565



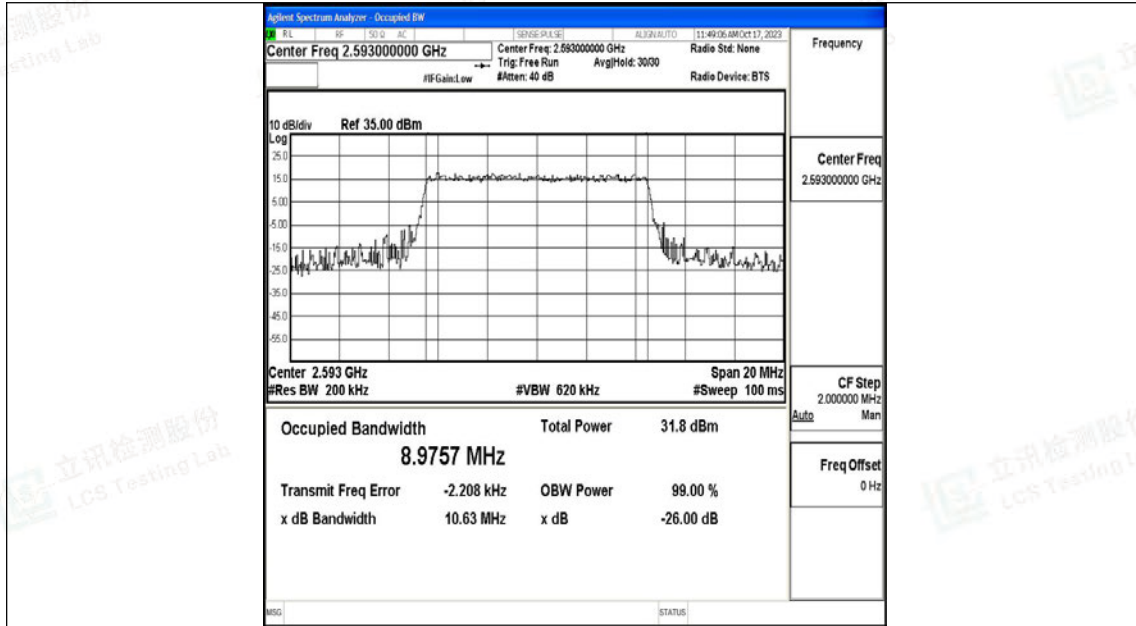


10MHz-39700

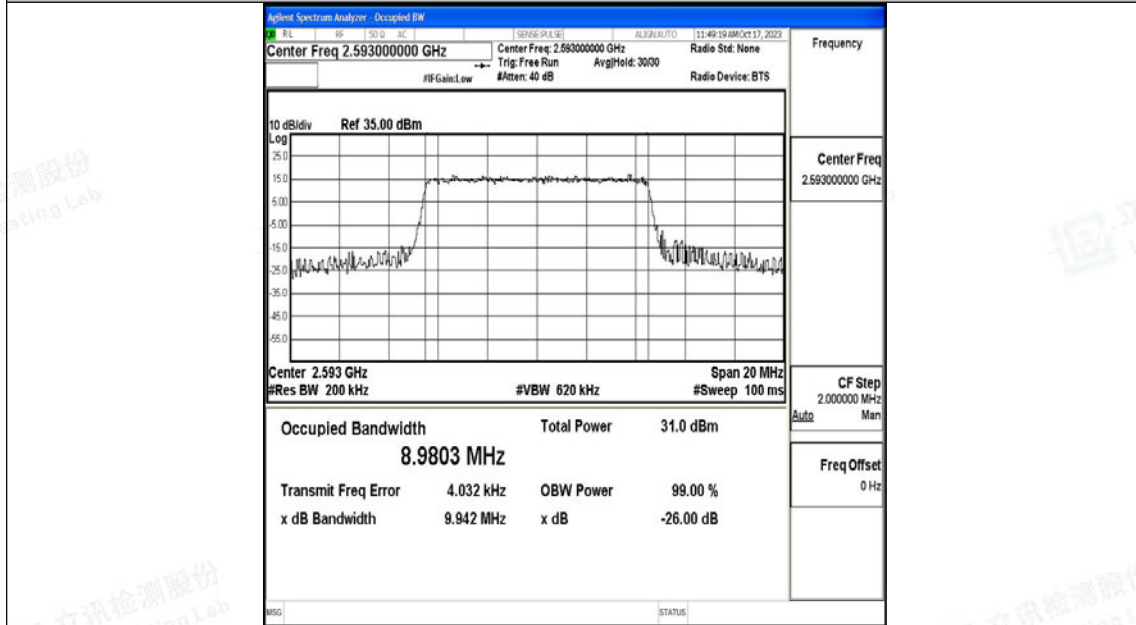


10MHz-39700





10MHz-40620



10MHz-40620



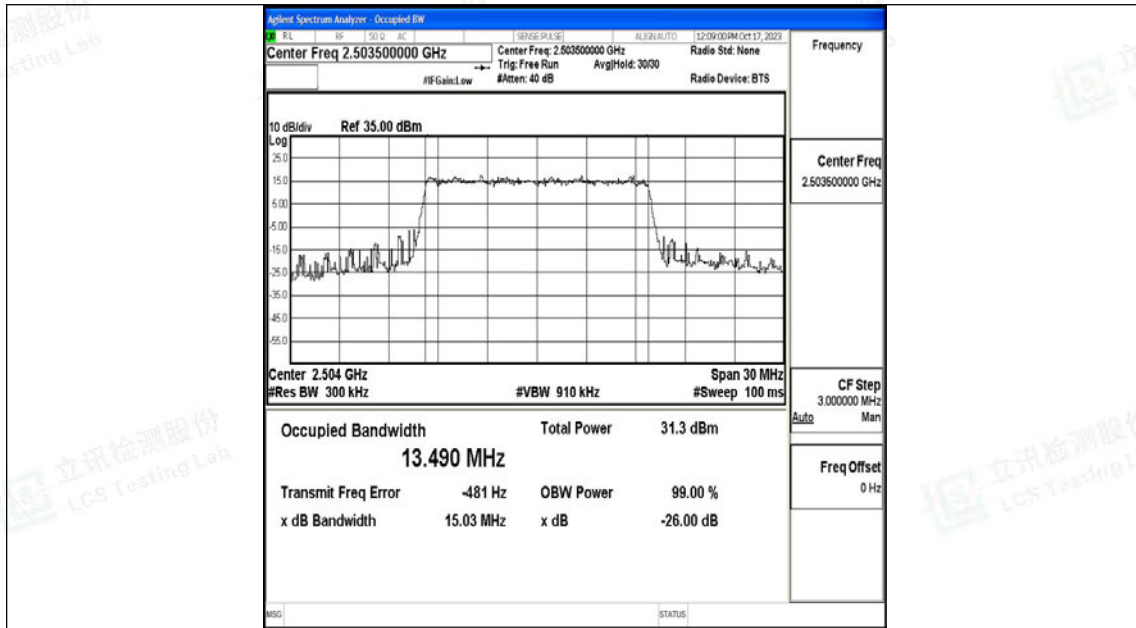


10MHz-41540

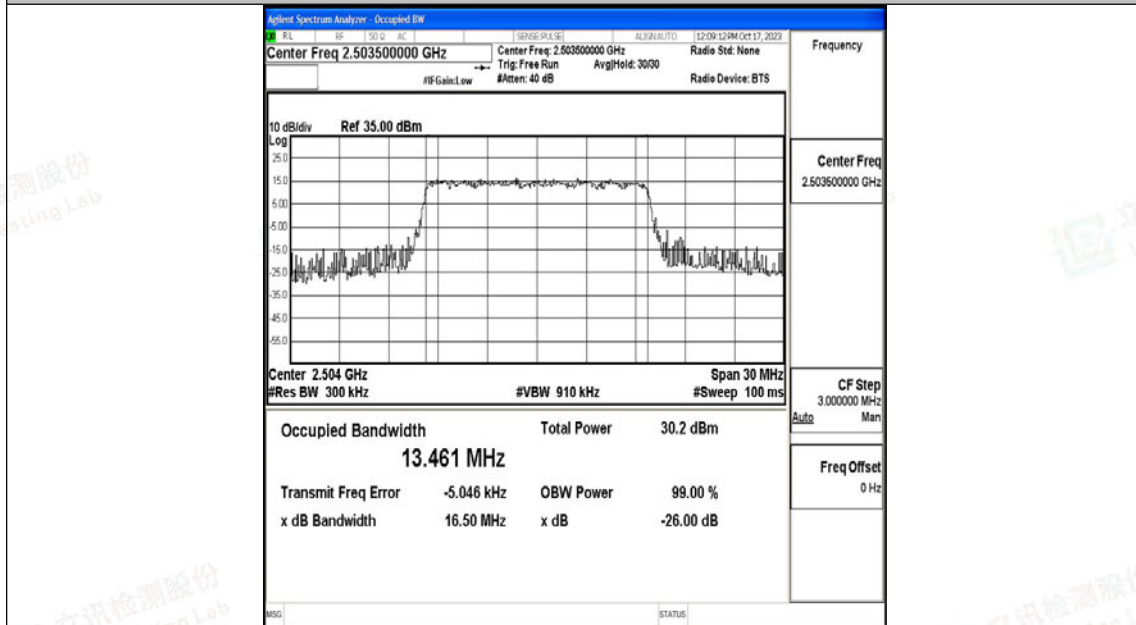


10MHz-41540



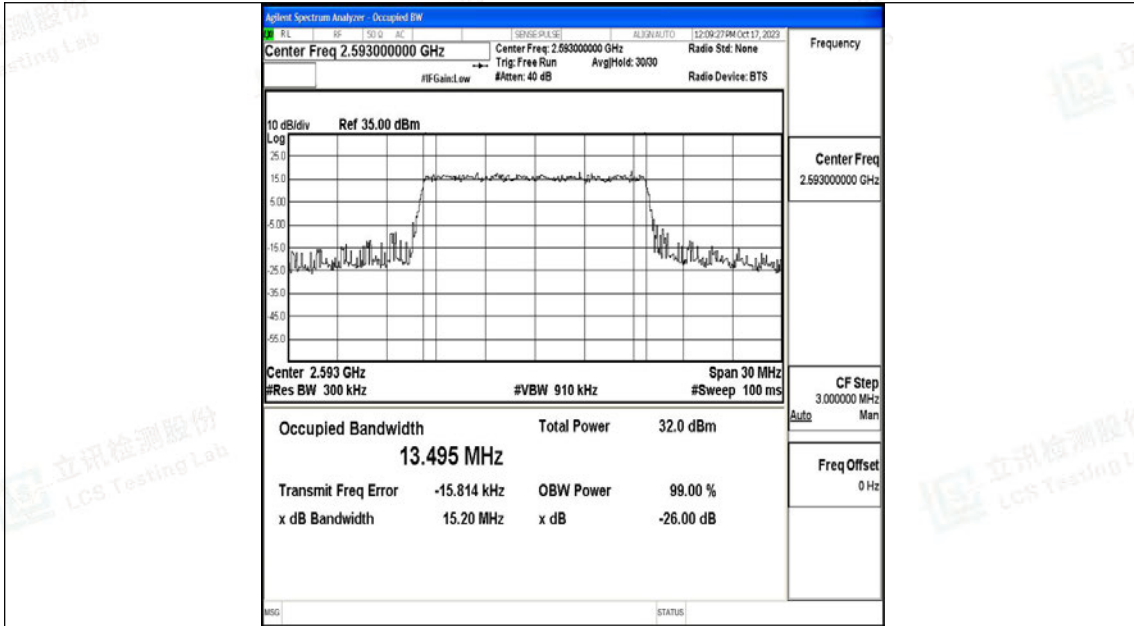


15MHz-39725

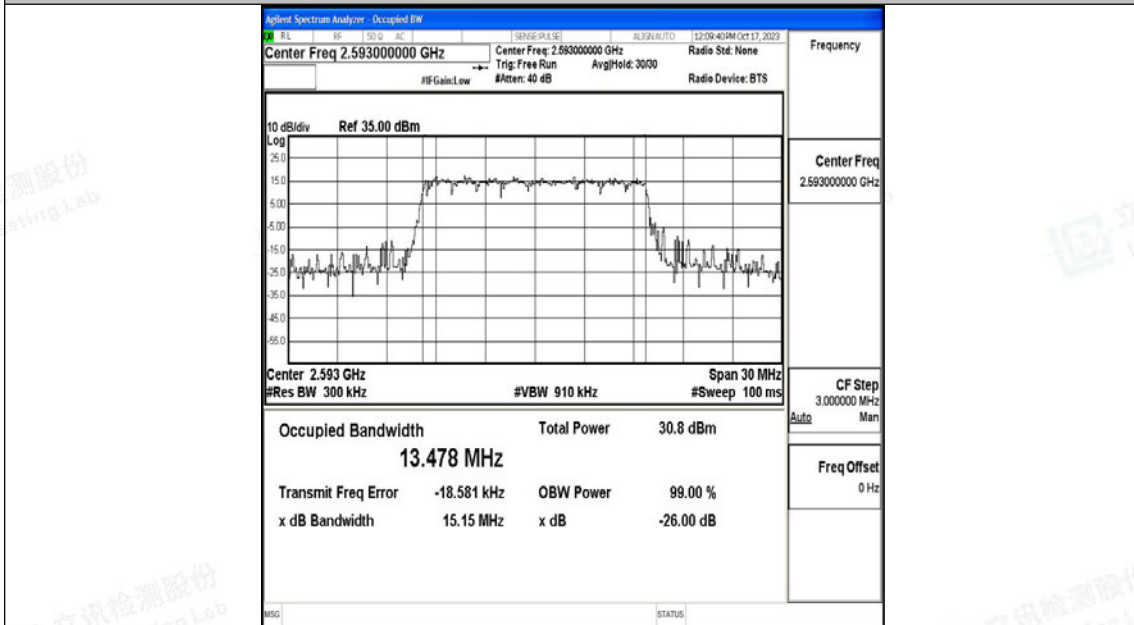


15MHz-39725



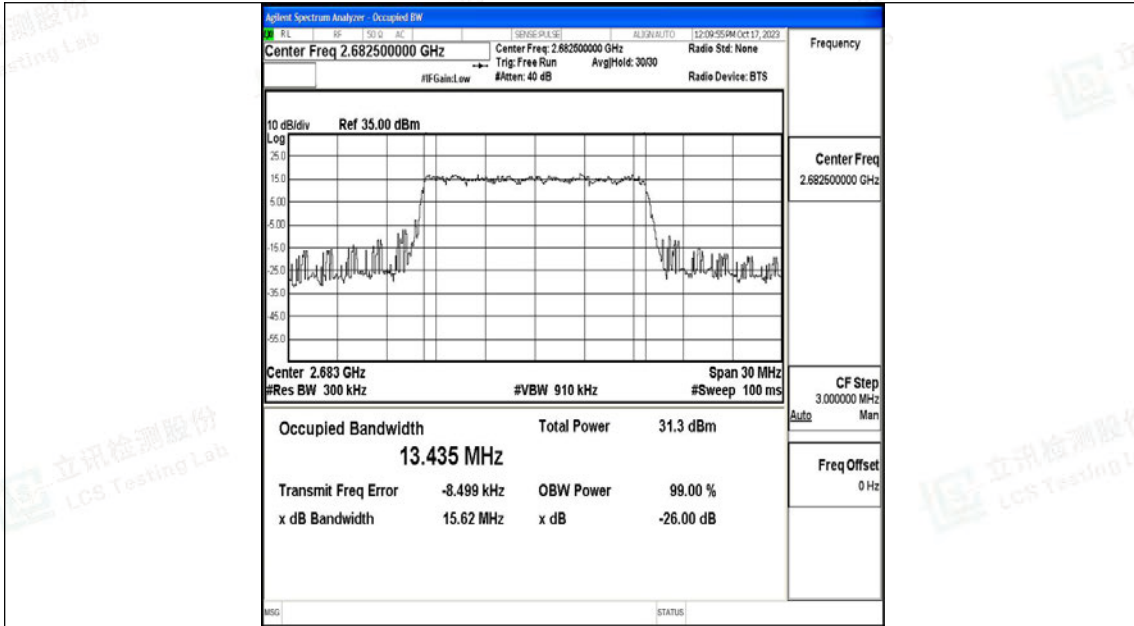


15MHz-40620

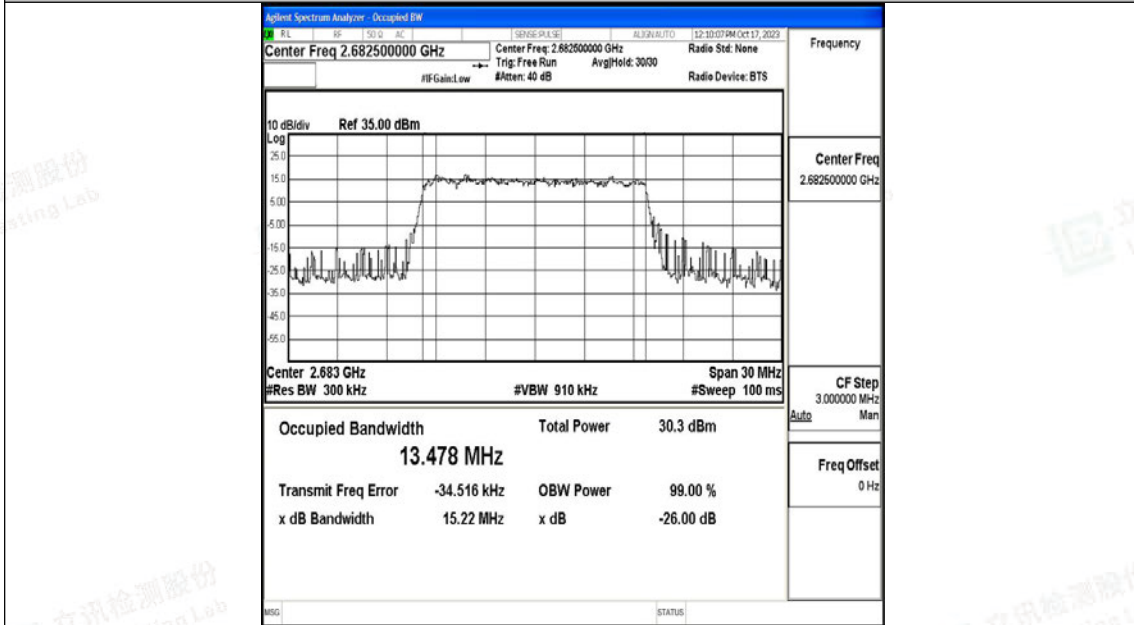


15MHz-40620



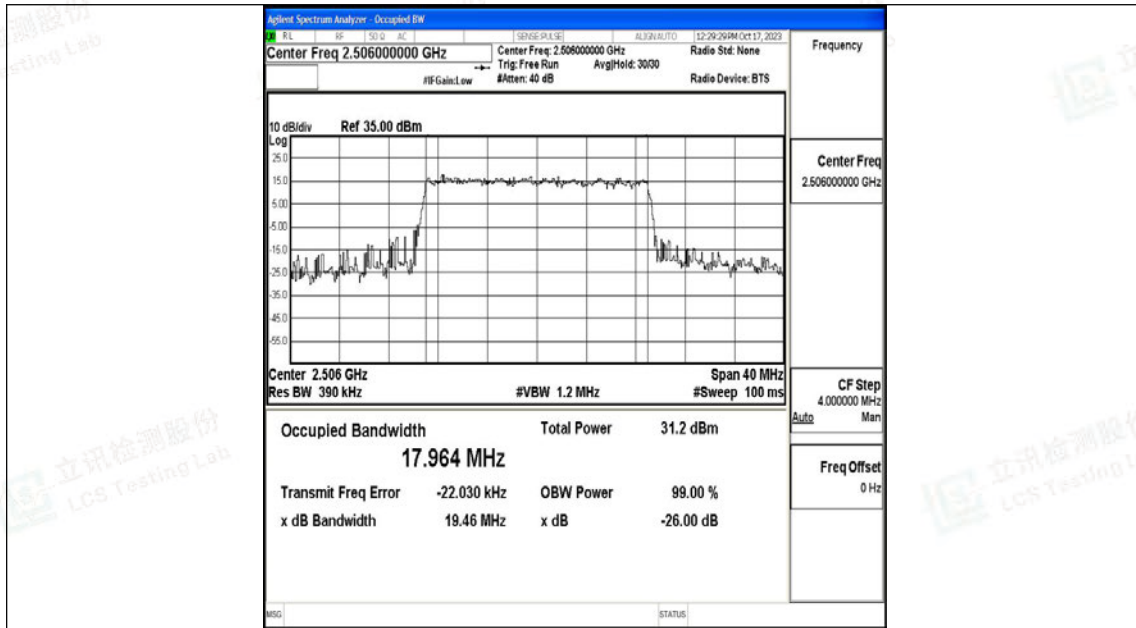


15MHz-41515

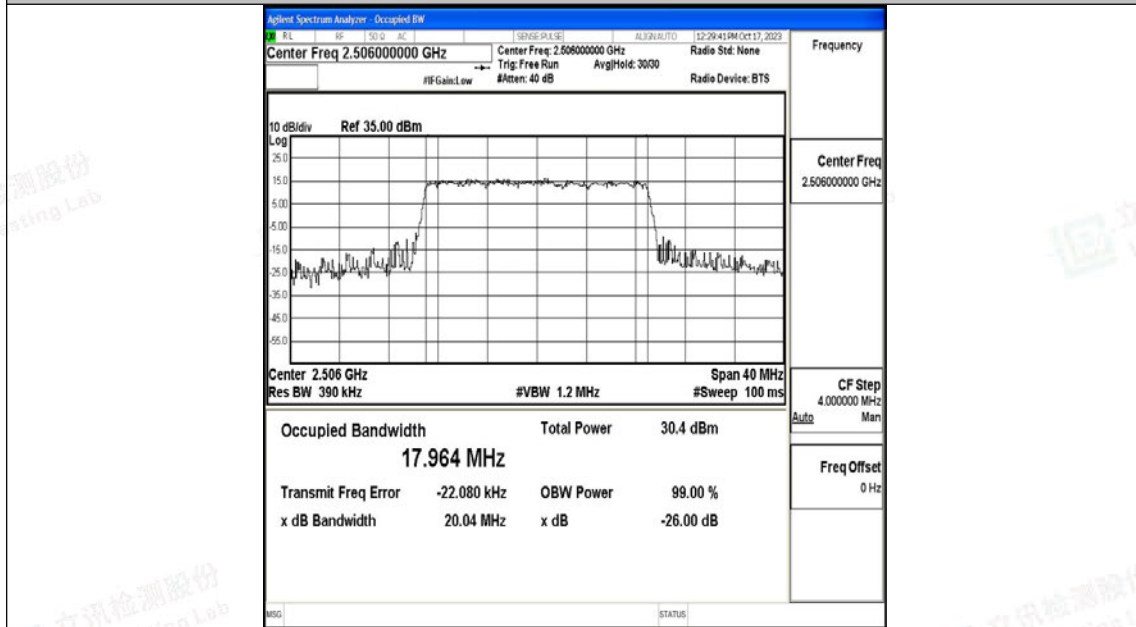


15MHz-41515





20MHz-39750

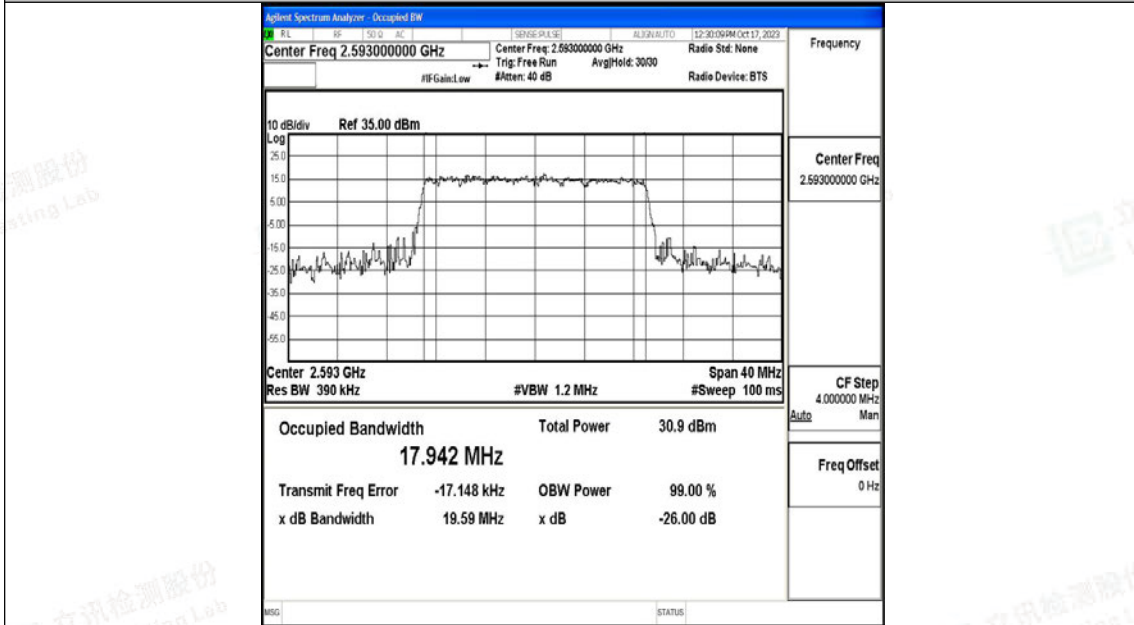


20MHz-39750



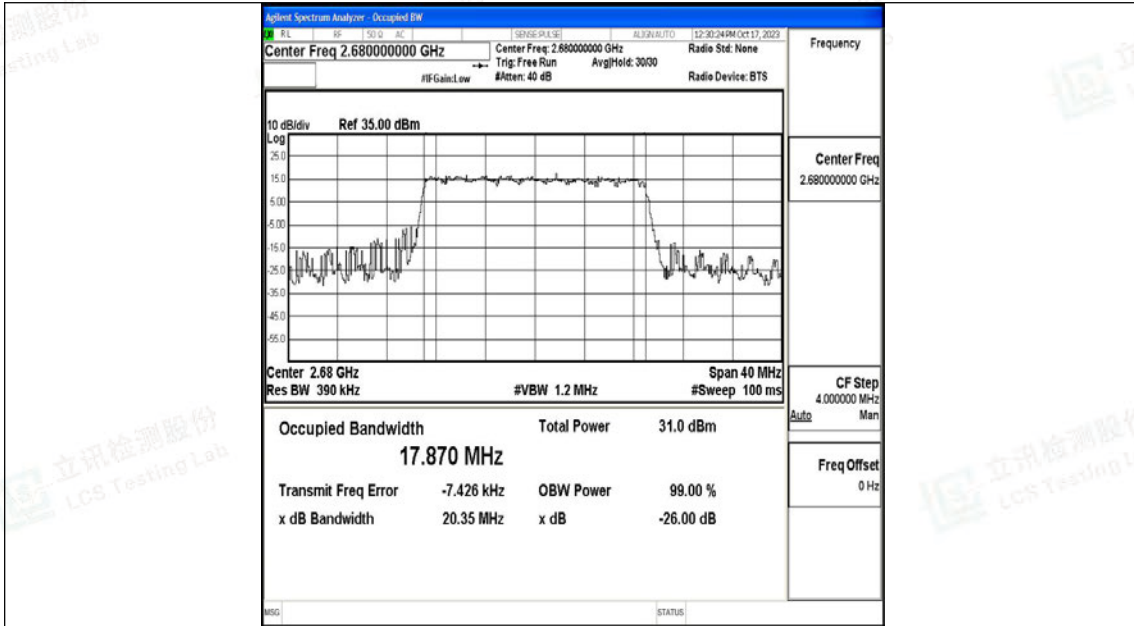


20MHz-40620



20MHz-40620





20MHz-41490



20MHz-41490



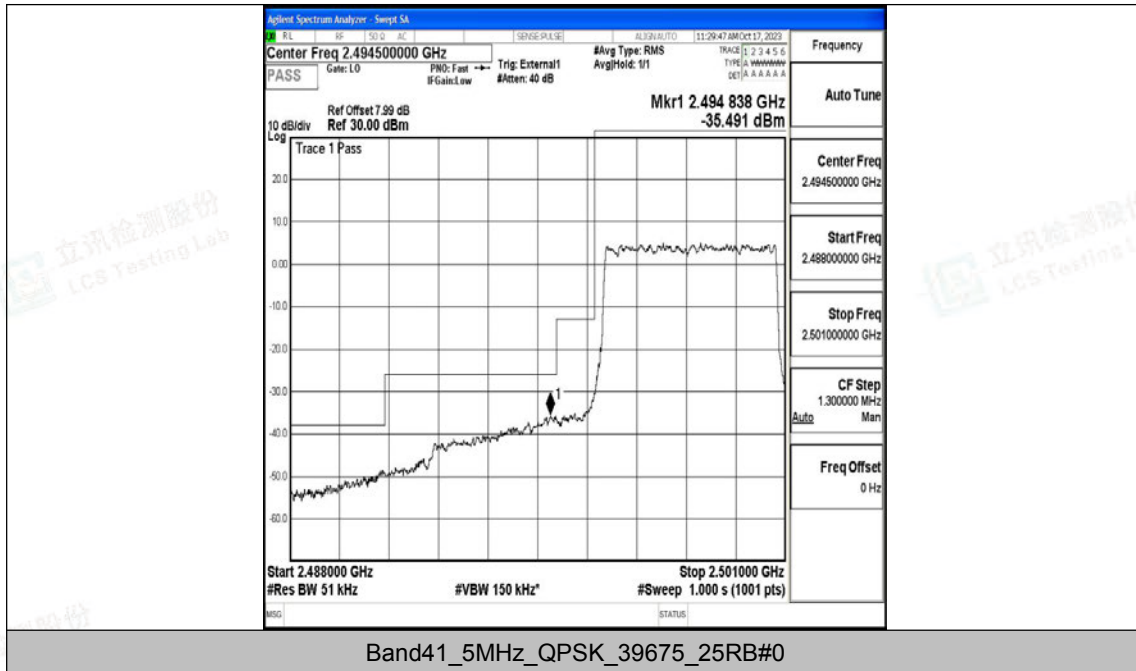


M.4 Band Edge

Test Result

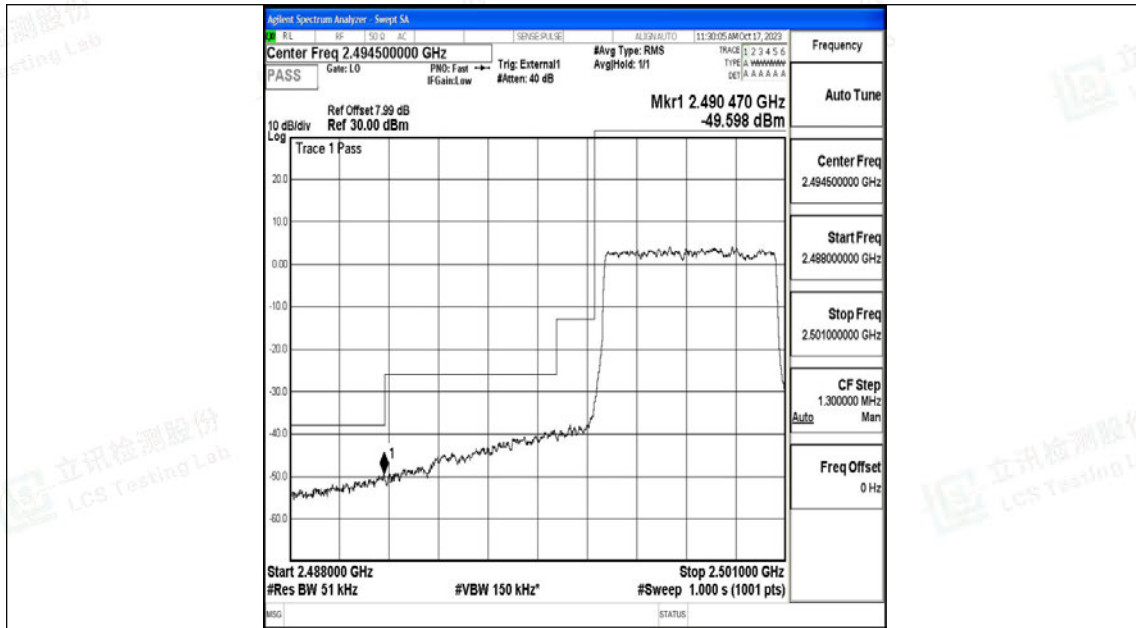
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	2494.84	-35.49	PASS
Band41	5MHz	16QAM	39675	25RB#0	2490.47	-49.60	PASS
Band41	5MHz	QPSK	41565	25RB#0	2697.30	-45.67	PASS
Band41	5MHz	16QAM	41565	25RB#0	2696.30	-46.06	PASS
Band41	10MHz	QPSK	39700	50RB#0	2490.38	-40.14	PASS
Band41	10MHz	16QAM	39700	50RB#0	2490.03	-42.82	PASS
Band41	10MHz	QPSK	41540	50RB#0	2700.15	-45.11	PASS
Band41	10MHz	16QAM	41540	50RB#0	2700.20	-44.71	PASS
Band41	15MHz	QPSK	39725	75RB#0	2489.70	-37.48	PASS
Band41	15MHz	16QAM	39725	75RB#0	2490.46	-40.47	PASS
Band41	15MHz	QPSK	41515	75RB#0	2705.73	-43.49	PASS
Band41	15MHz	16QAM	41515	75RB#0	2709.37	-43.14	PASS
Band41	20MHz	QPSK	39750	100RB#0	2490.35	-38.53	PASS
Band41	20MHz	16QAM	39750	100RB#0	2490.44	-39.97	PASS
Band41	20MHz	QPSK	41490	100RB#0	2710.01	-43.03	PASS
Band41	20MHz	16QAM	41490	100RB#0	2712.03	-43.29	PASS

Test Graphs

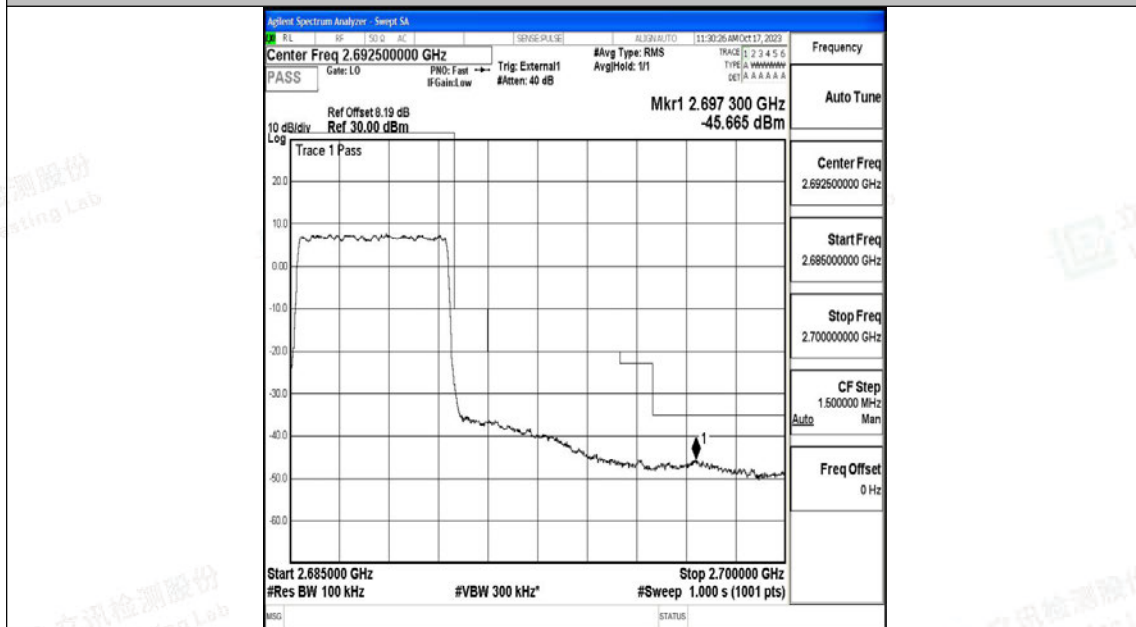


Band41_5MHz_QPSK_39675_25RB#0



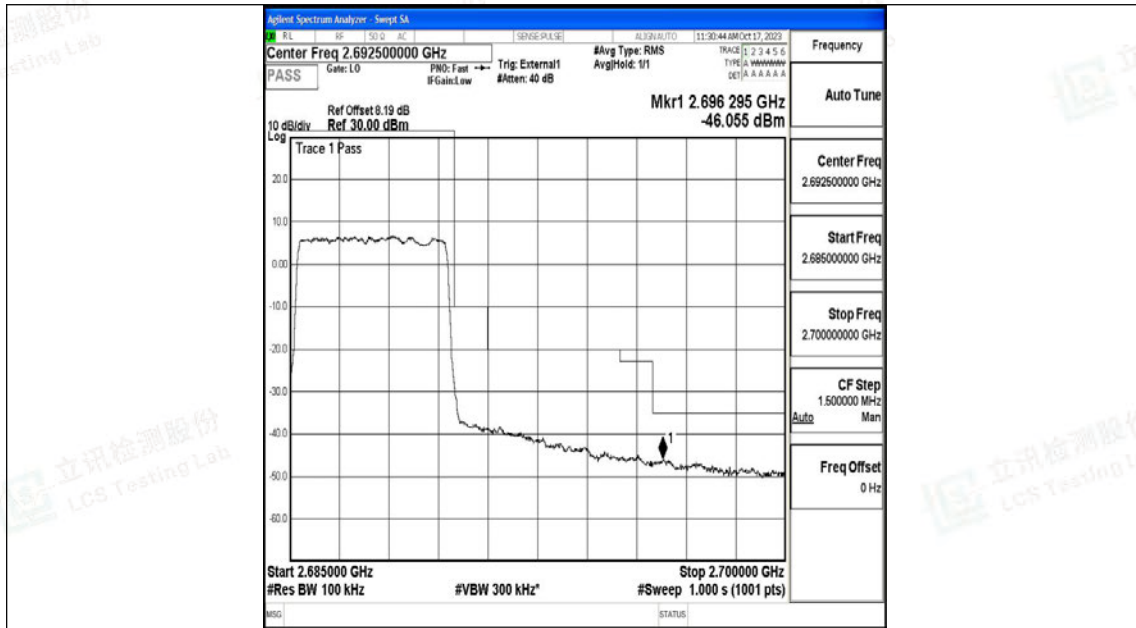


Band41_5MHz_16QAM_39675_25RB#0

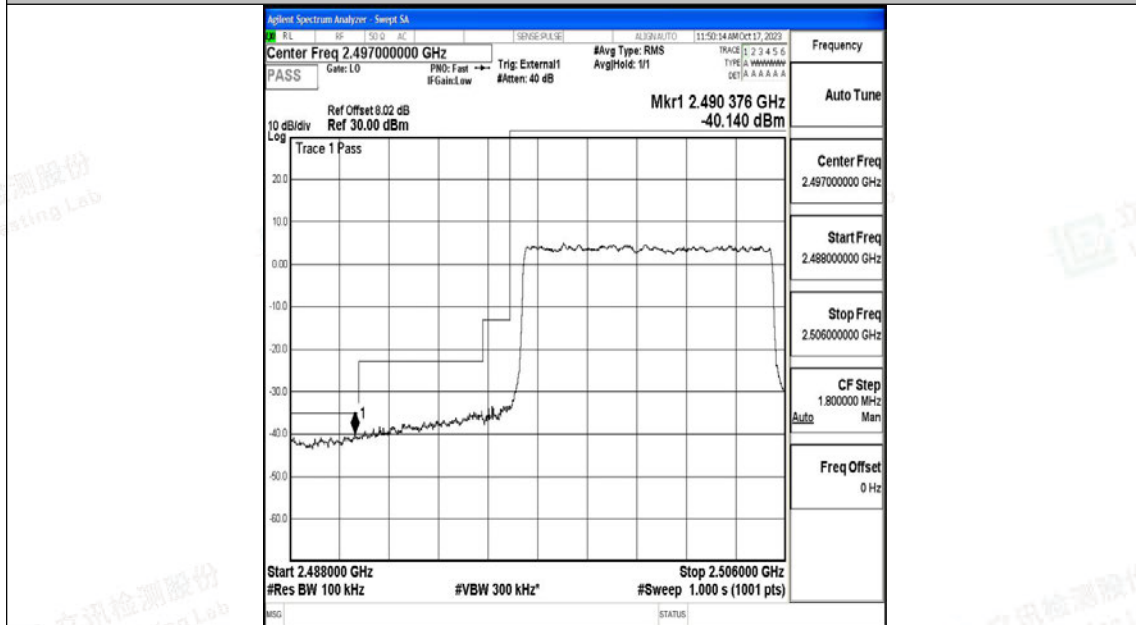


Band41_5MHz_QPSK_41565_25RB#0



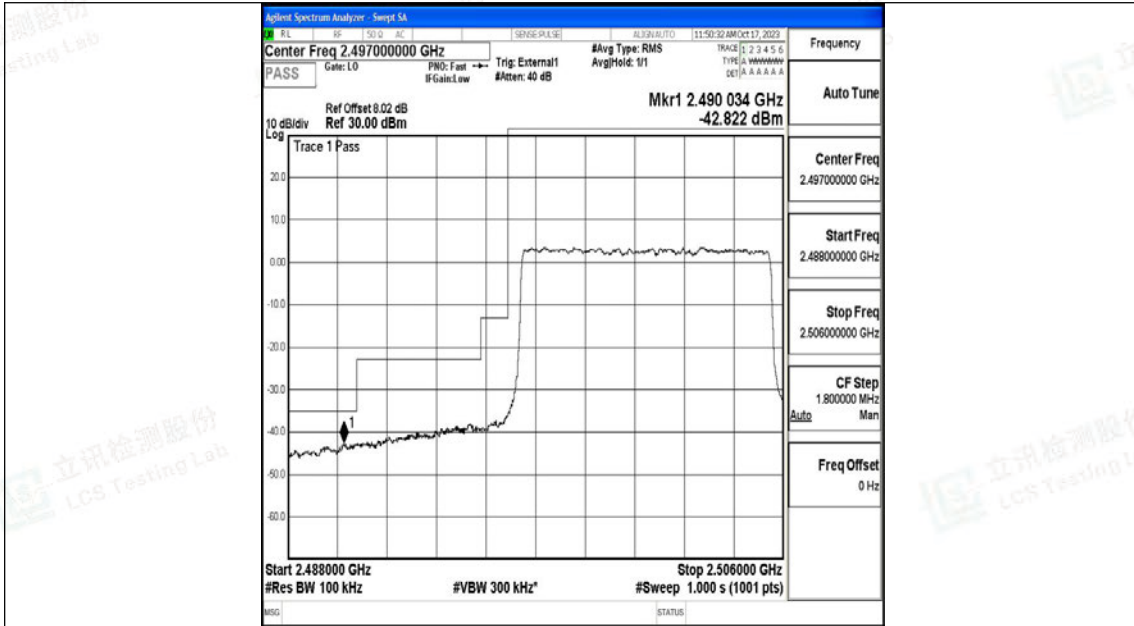


Band41_5MHz_16QAM_41565_25RB#0

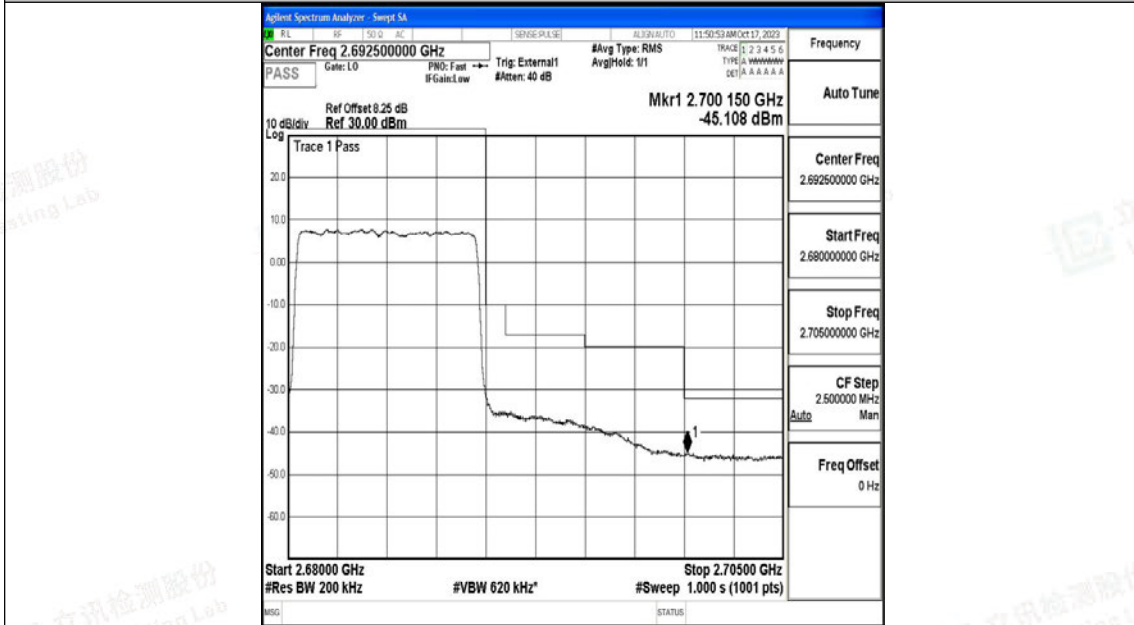


Band41_10MHz_QPSK_39700_50RB#0



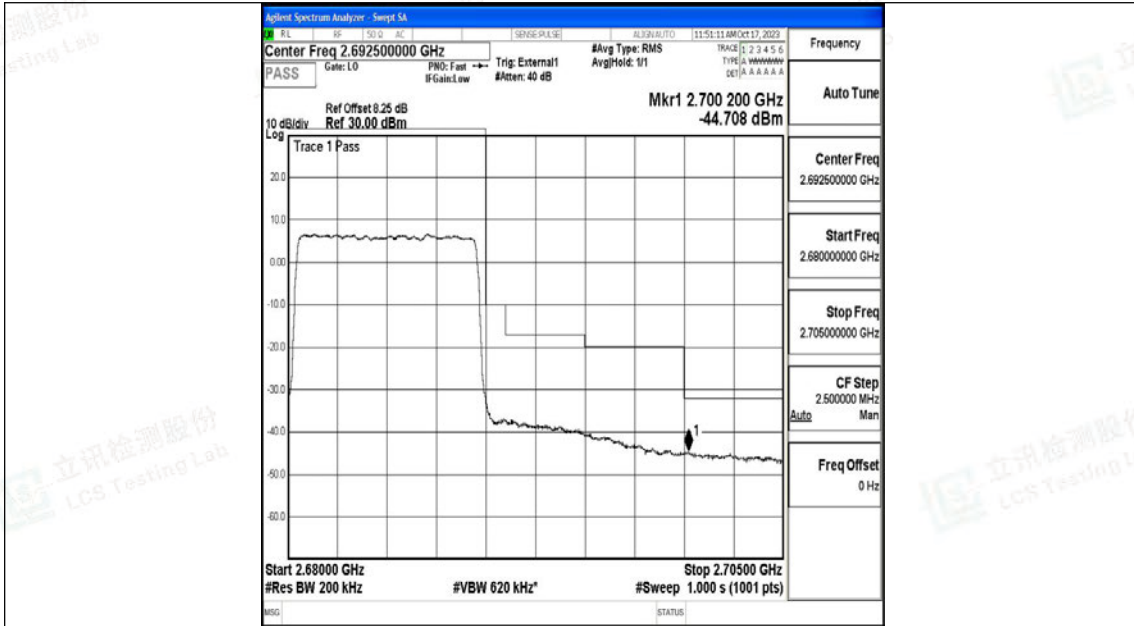


Band41_10MHz_16QAM_39700_50RB#0

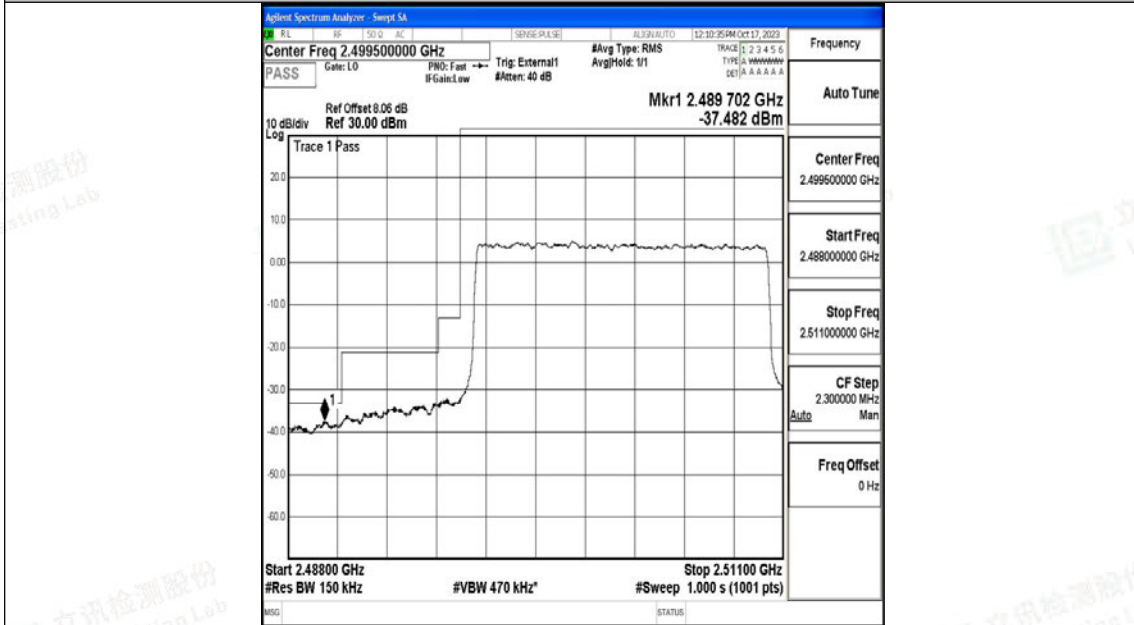


Band41_10MHz_QPSK_41540_50RB#0



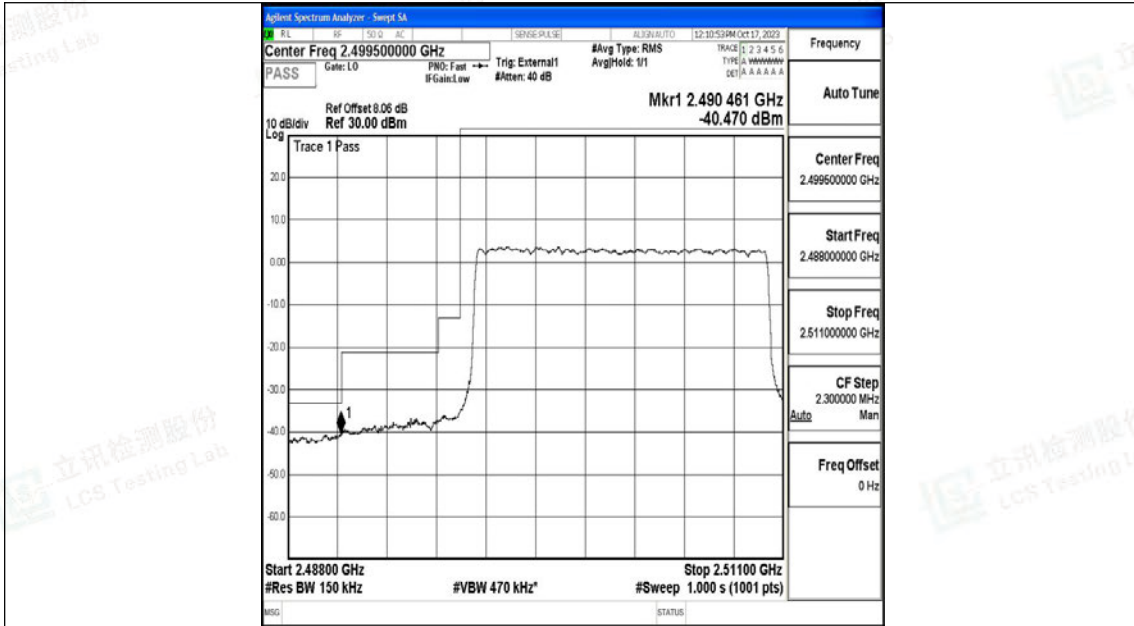


Band41_10MHz_16QAM_41540_50RB#0

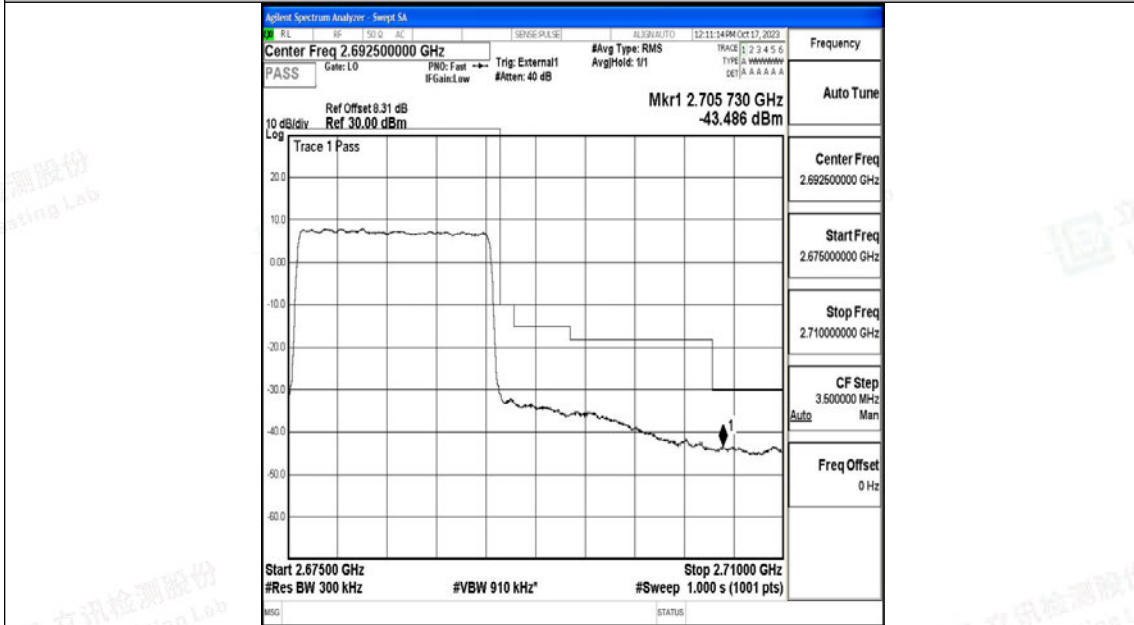


Band41_15MHz_QPSK_39725_75RB#0



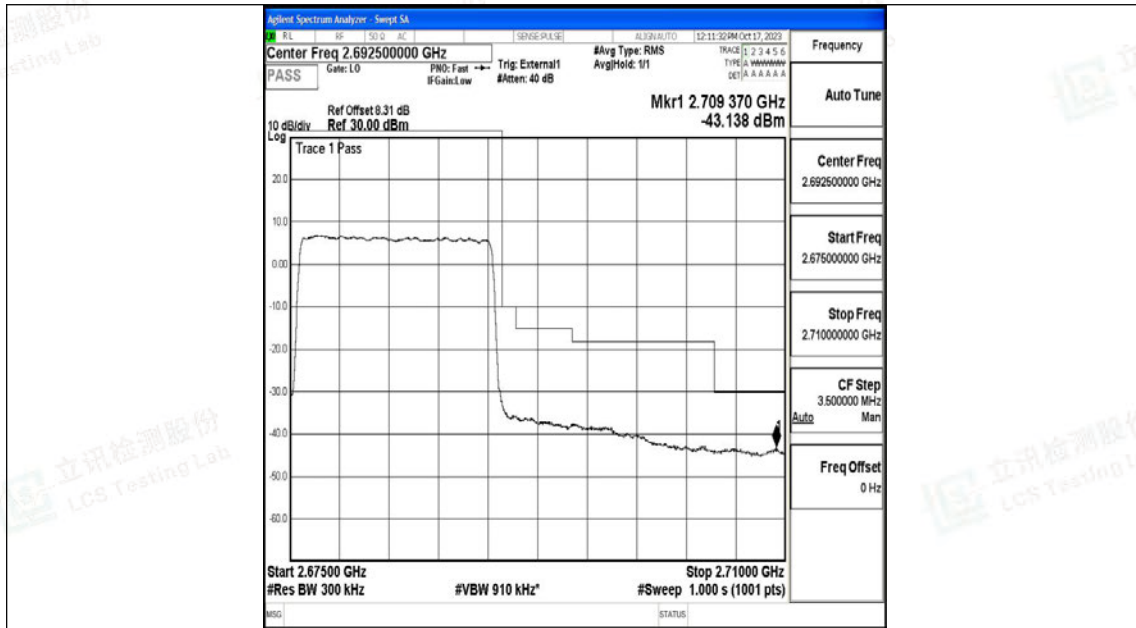


Band41_15MHz_16QAM_39725_75RB#0

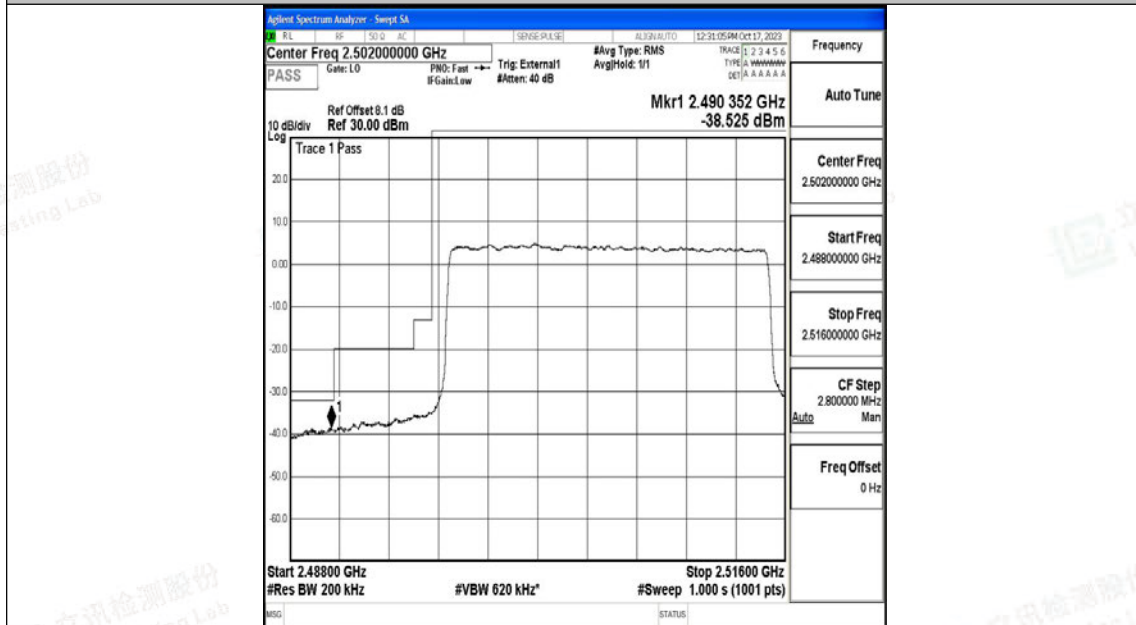


Band41_15MHz_QPSK_41515_75RB#0



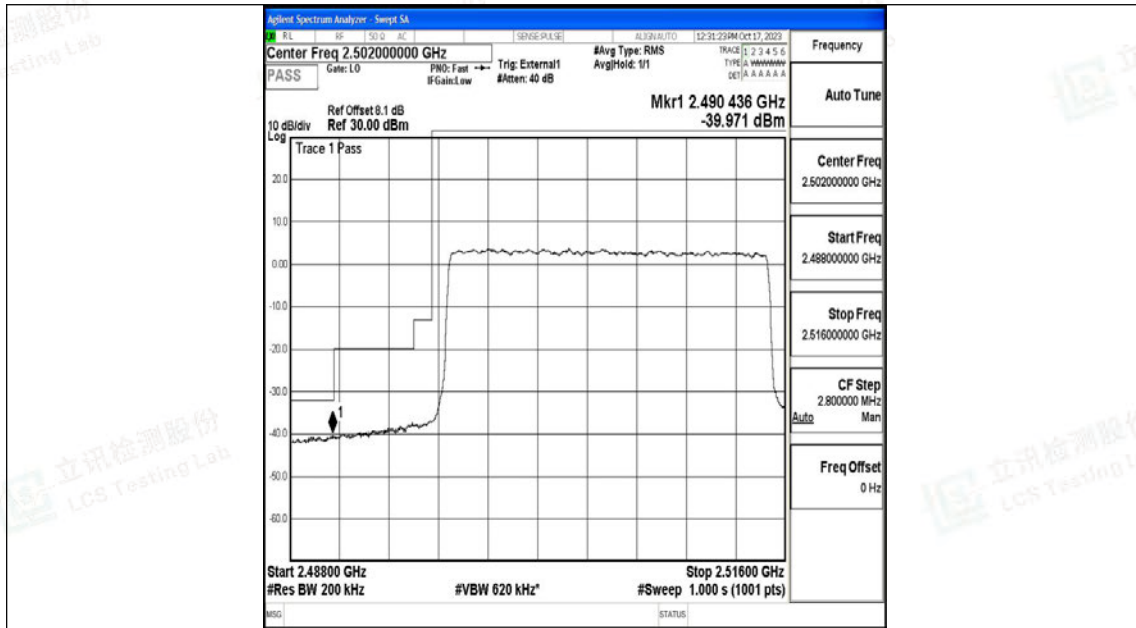


Band41_15MHz_16QAM_41515_75RB#0

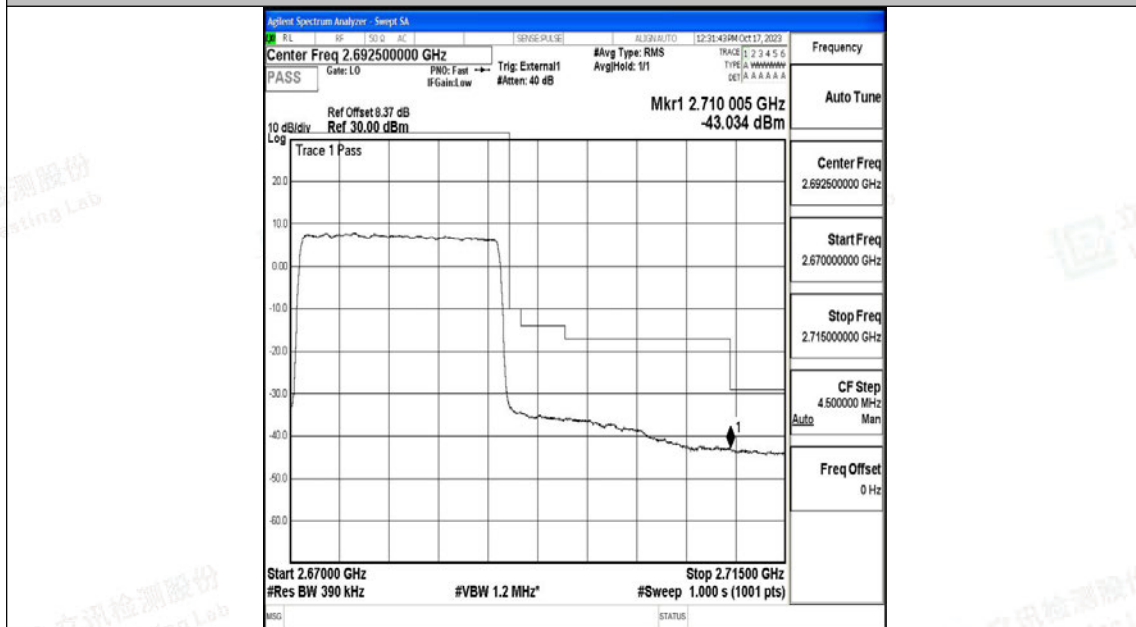


Band41_20MHz_QPSK_39750_100RB#0



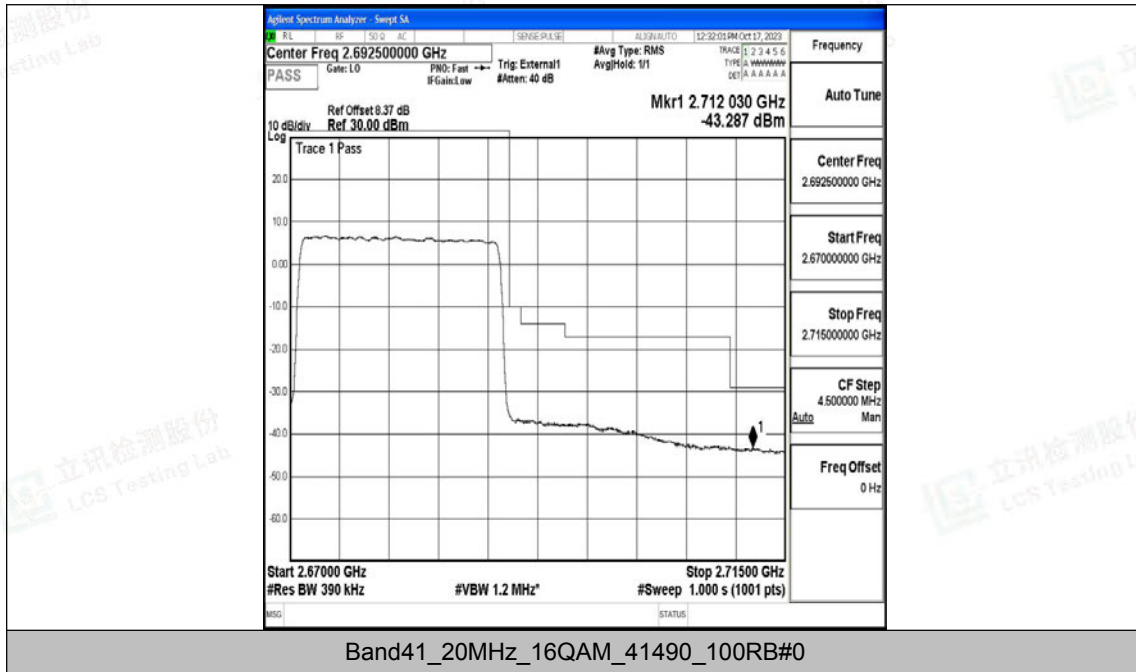


Band41_20MHz_16QAM_39750_100RB#0



Band41_20MHz_QPSK_41490_100RB#0







M.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	0.009~0.15	-68.84	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	-49.86	PASS
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-53.63	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-33.58	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-46.02	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.009~0.15	-68.68	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.15~30	-49.95	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-53.63	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-34.06	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~27000	-46.01	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	-66.15	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	-49.50	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-53.06	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-33.87	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-45.57	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.009~0.15	-66.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.15~30	-52.32	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-53.70	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-33.31	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~27000	-45.92	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-68.80	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-49.49	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-53.70	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-33.68	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-45.97	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-70.55	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-53.65	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-53.64	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-33.55	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-45.60	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.009~0.15	-68.62	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.15~30	-50.65	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-53.61	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	-33.77	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-45.91	PASS



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 Scan code to check authenticity



Band41	10MHz	16QAM	39700	1RB#0	0.009~0.15	-69.14	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.15~30	-51.85	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	-53.62	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	-33.78	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~27000	-45.97	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.009~0.15	-66.01	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.15~30	-50.91	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-53.59	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	-33.62	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-45.99	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.009~0.15	-66.60	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.15~30	-51.40	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	-53.69	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	-33.85	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~27000	-46.31	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-68.56	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-51.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-53.65	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-33.67	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-46.16	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-67.28	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-50.03	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-53.70	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-33.76	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-46.10	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.009~0.15	-68.83	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.15~30	-51.10	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-53.61	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	-34.02	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-46.06	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.009~0.15	-67.54	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.15~30	-51.78	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	-53.57	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	-33.52	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~27000	-46.14	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.009~0.15	-68.58	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.15~30	-52.43	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-53.67	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	-34.08	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-46.07	PASS



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Scan code to check authenticity



Band41	15MHz	16QAM	40620	1RB#0	0.009~0.15	-66.20	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.15~30	-53.34	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	-53.65	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	-33.78	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~27000	-46.04	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-66.50	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-52.89	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-53.67	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-33.75	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-45.70	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-68.29	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-50.75	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-53.70	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-34.32	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-46.05	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	-68.37	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	-52.74	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-53.68	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	-33.93	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-46.35	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.009~0.15	-68.20	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.15~30	-50.18	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	-53.70	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	-34.01	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~27000	-45.96	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	-66.40	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	-53.22	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-53.54	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	-34.07	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-46.04	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.009~0.15	-67.49	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.15~30	-52.38	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	-53.69	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	-33.57	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~27000	-46.27	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-66.89	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-52.61	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-53.64	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-33.72	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-46.25	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

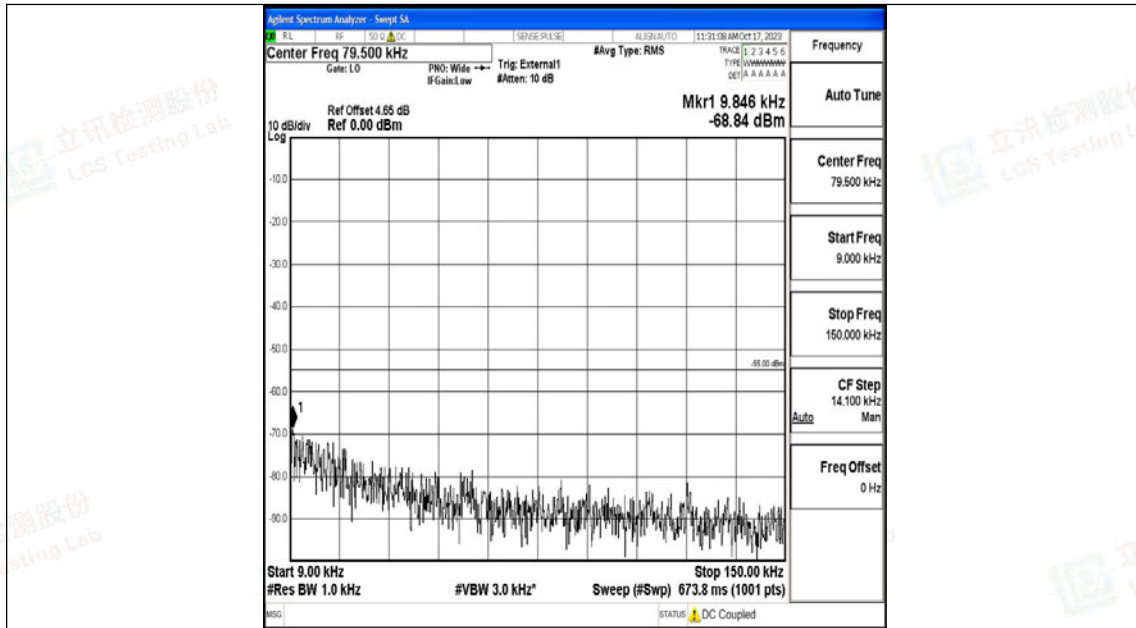
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

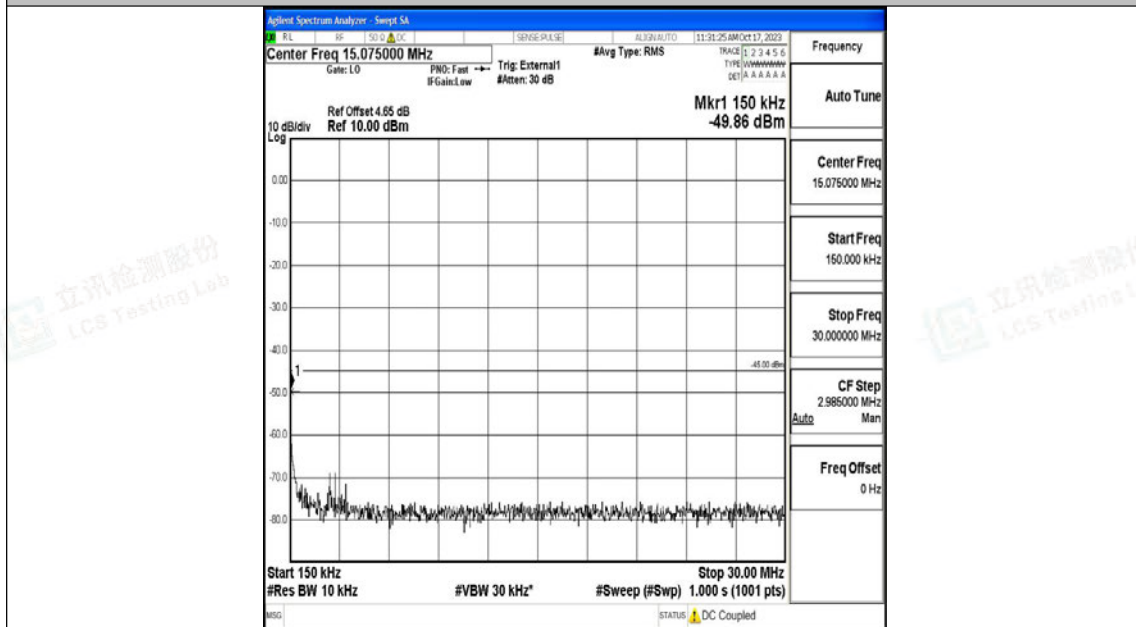


Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-68.23	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-51.48	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-53.74	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-33.99	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-46.01	PASS

Test Graphs

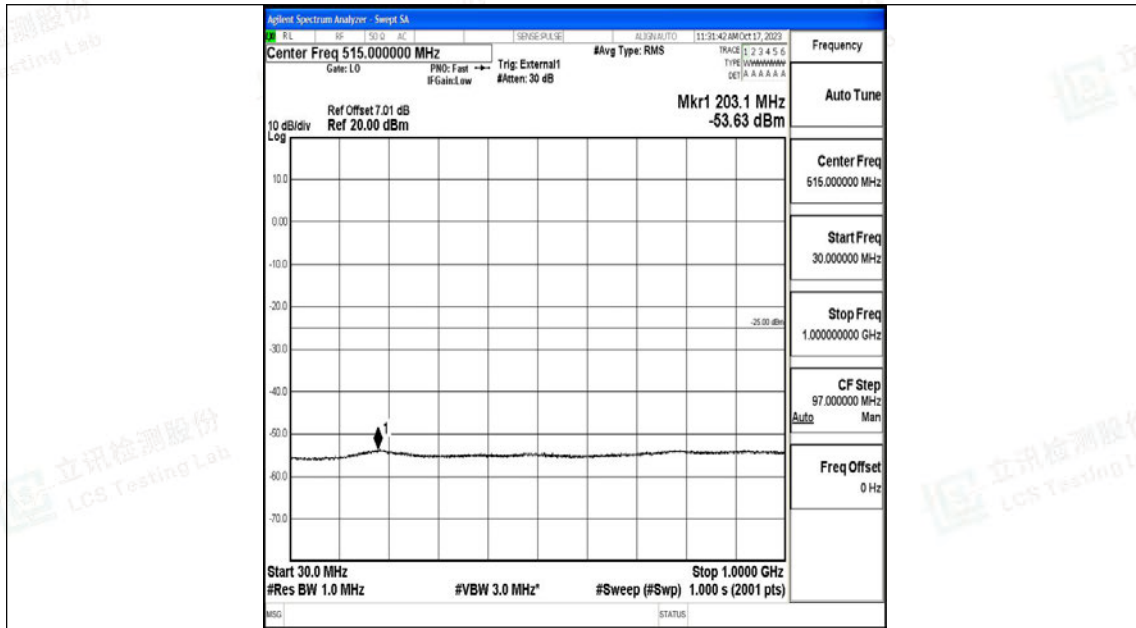


Band41_5MHz_QPSK_39675_1RB#0_0.009~0.15_0.009~0.15

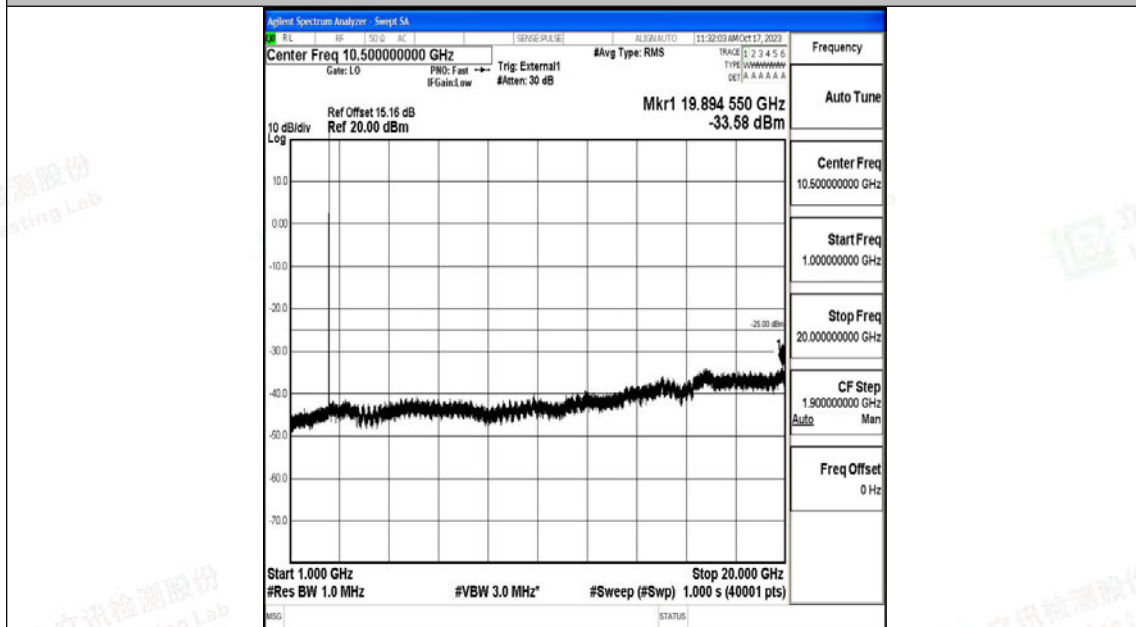


Band41_5MHz_QPSK_39675_1RB#0_0.15~30_0.15~30



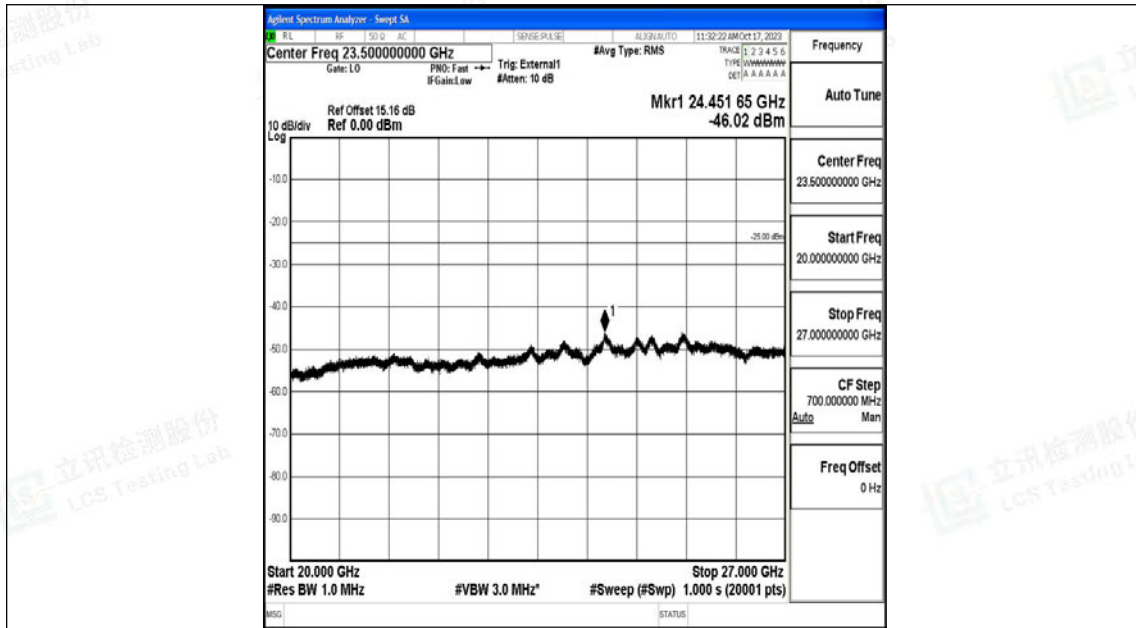


Band41_5MHz_QPSK_39675_1RB#0_30~1000_30~1000

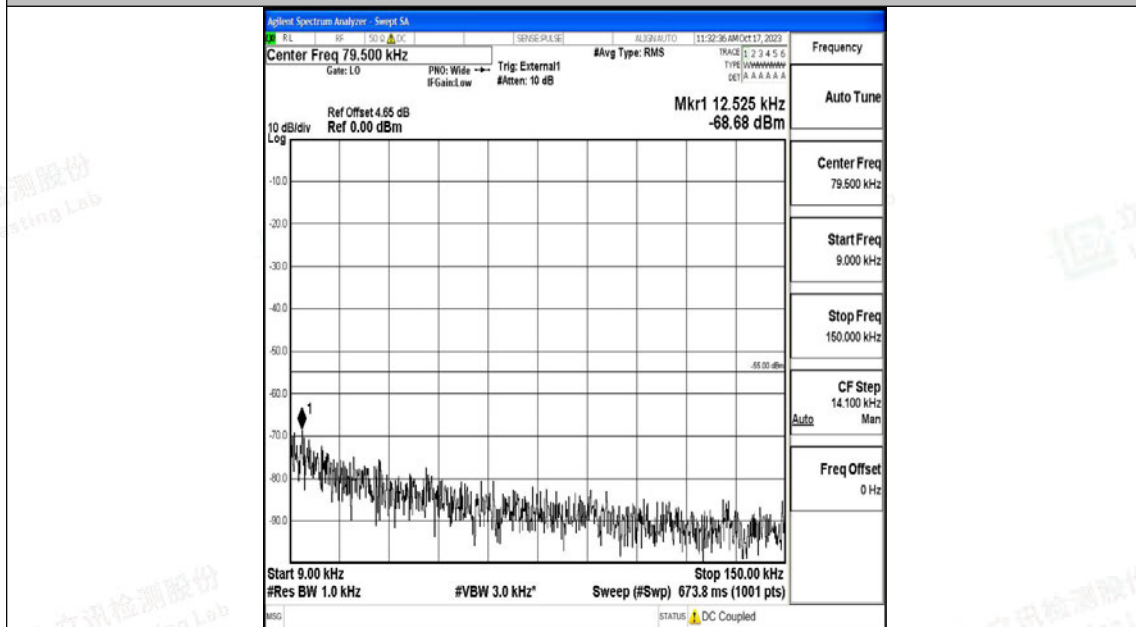


Band41_5MHz_QPSK_39675_1RB#0_1000~20000_1000~20000



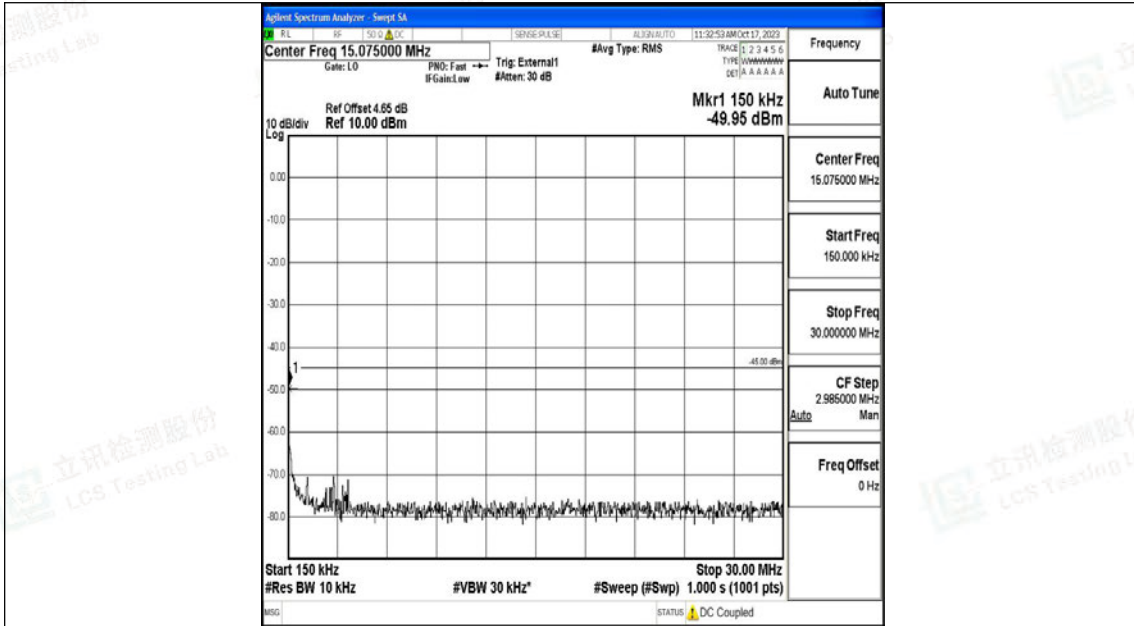


Band41_5MHz_QPSK_39675_1RB#0_20000~27000_20000~27000

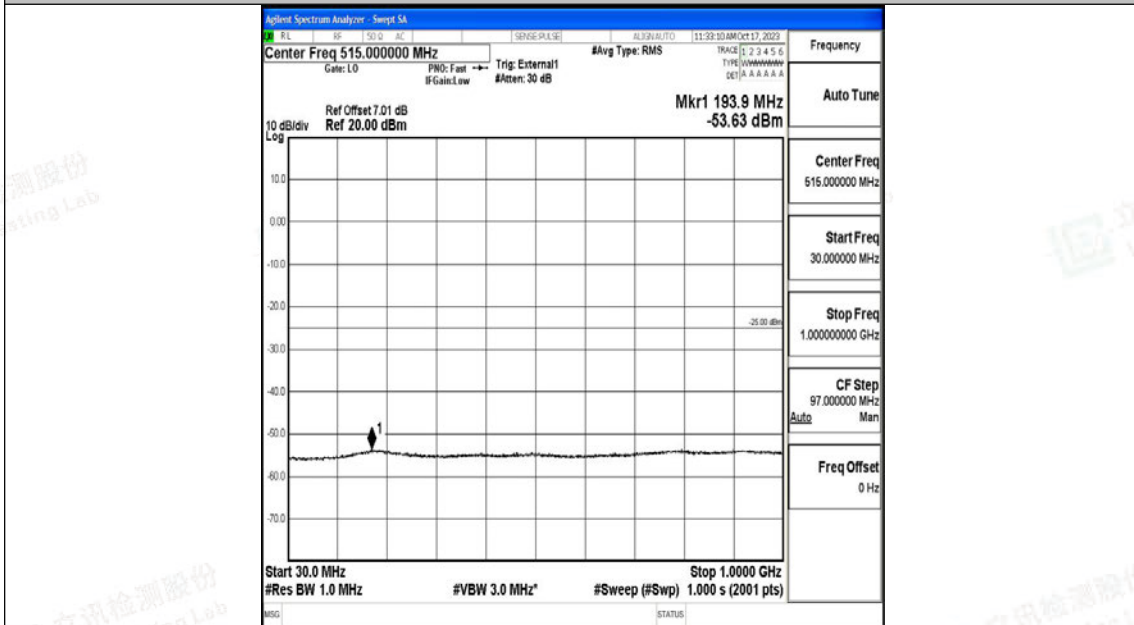


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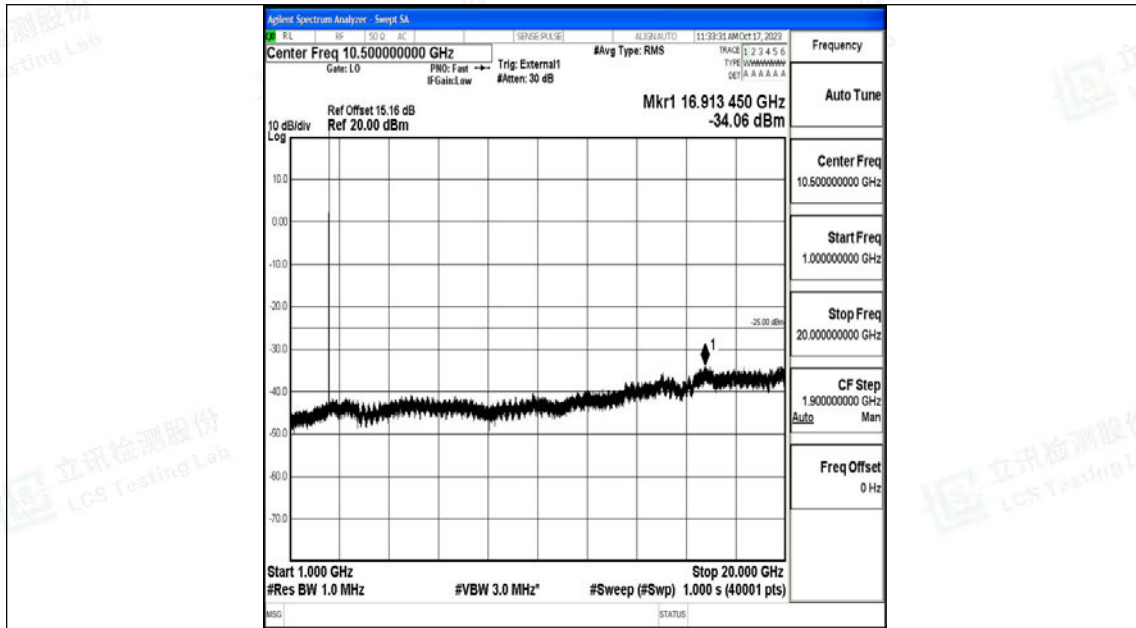


Band41_5MHz_16QAM_39675_1RB#0_0.15~30_0.15~30

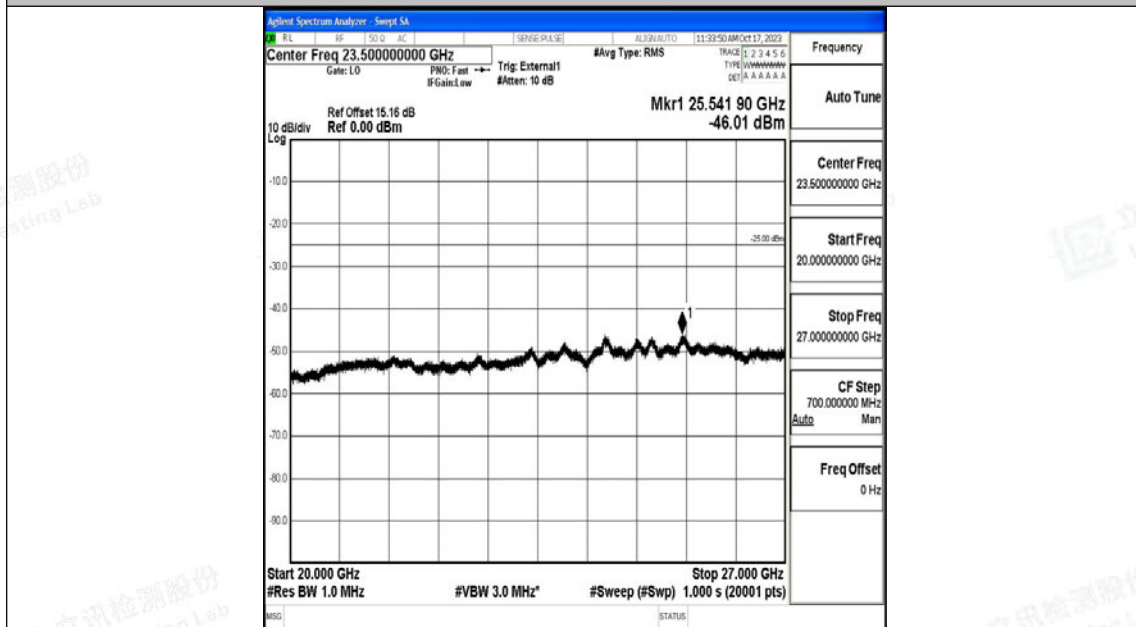


Band41_5MHz_16QAM_39675_1RB#0_30~1000_30~1000



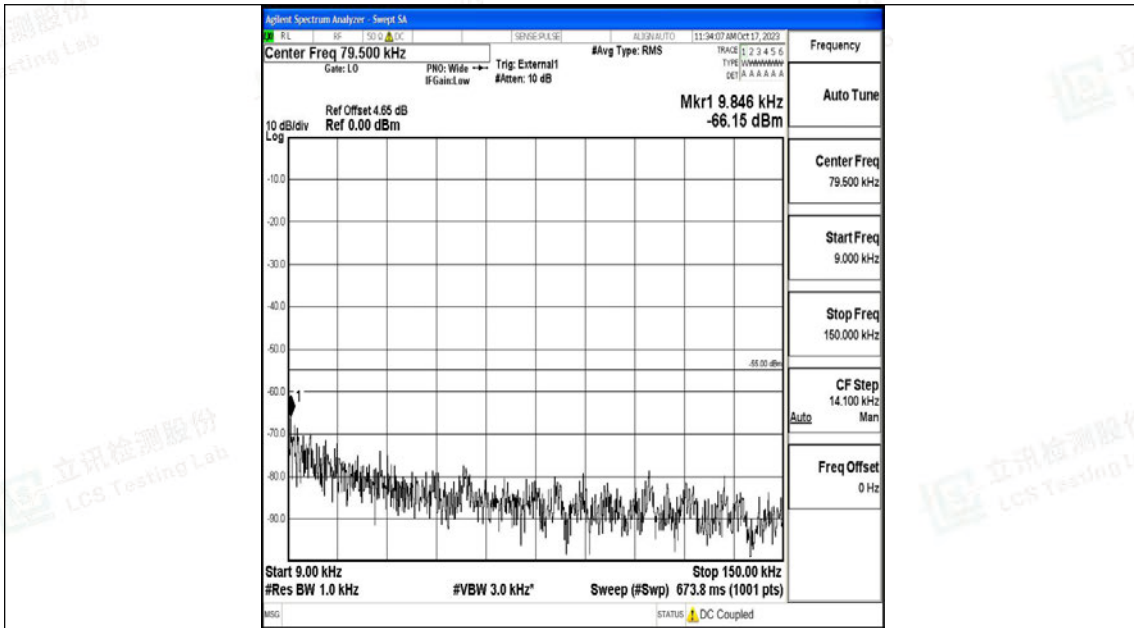


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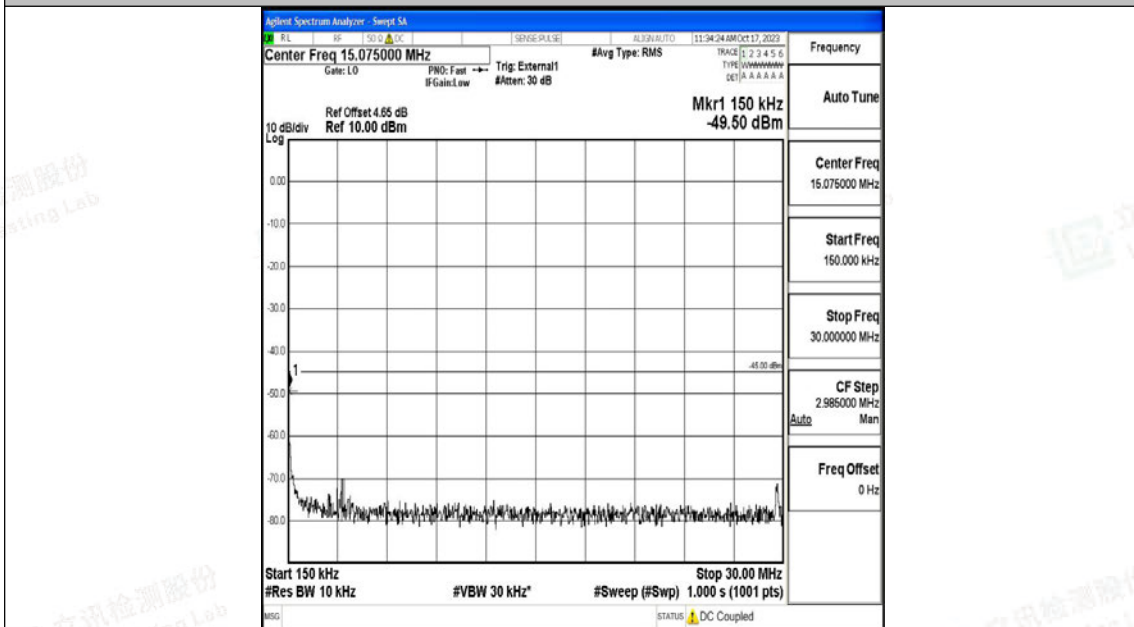


Band41_5MHz_16QAM_39675_1RB#0_20000~27000_20000~27000



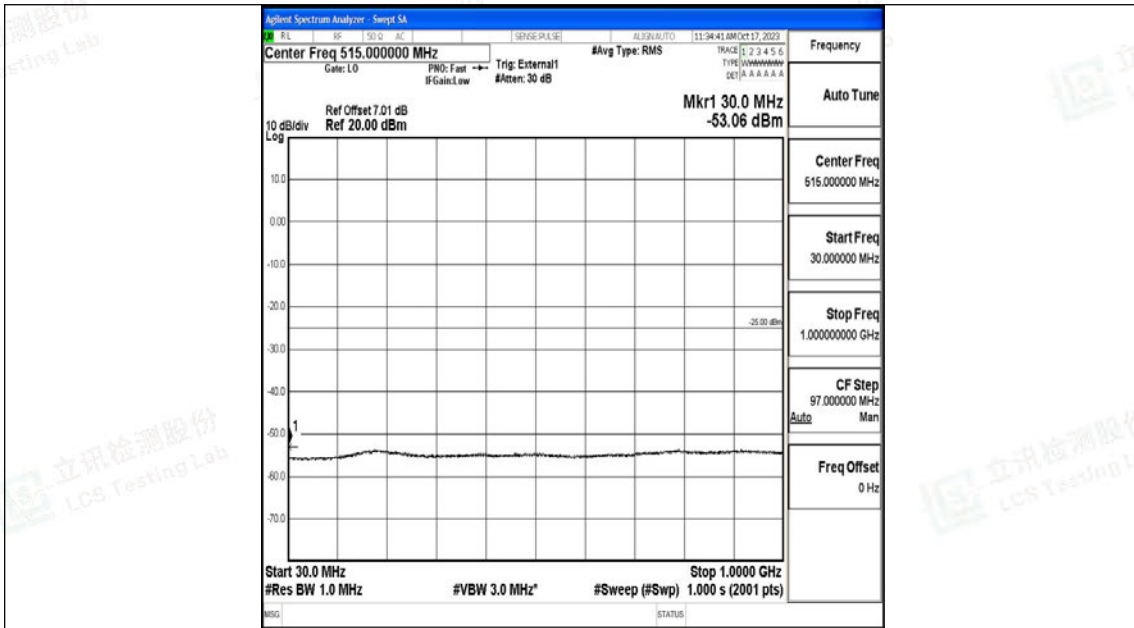


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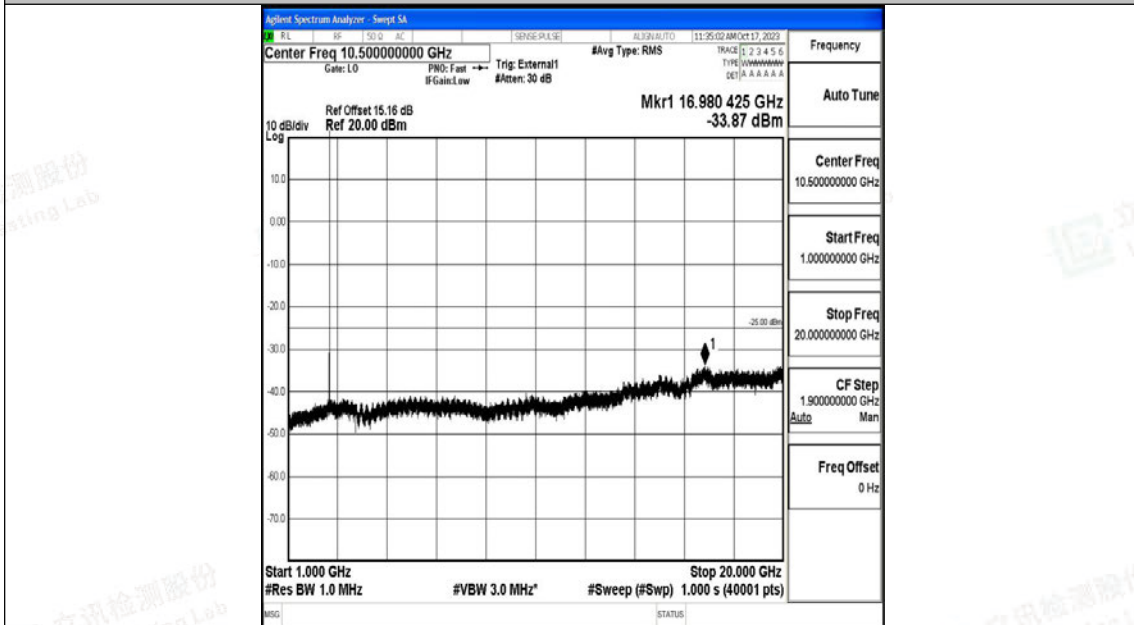


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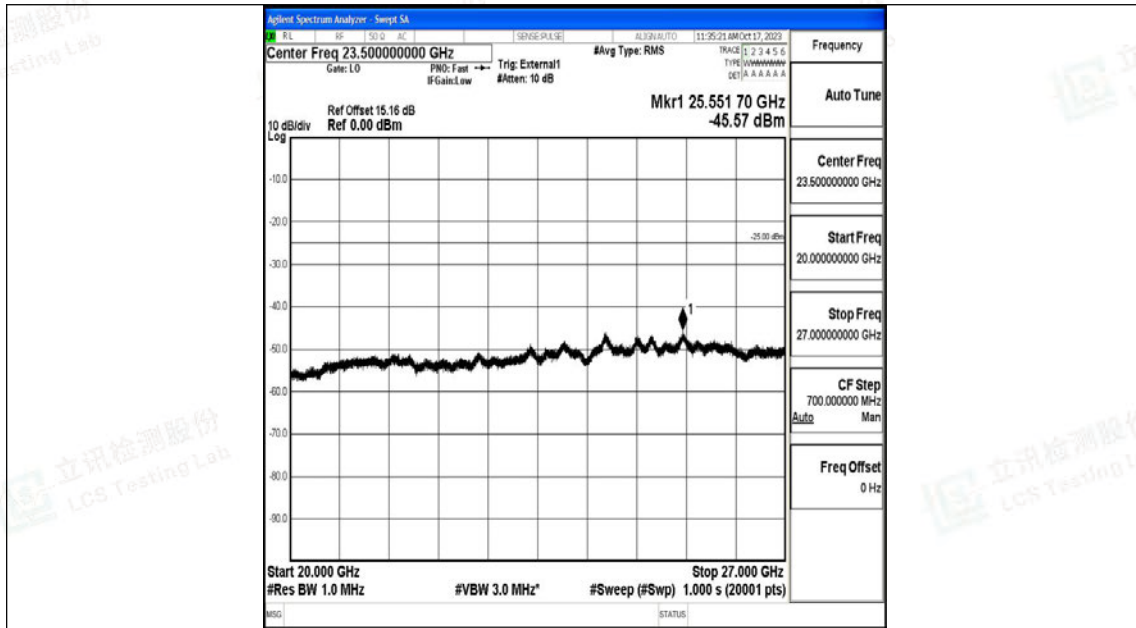


Band41_5MHz_QPSK_40620_1RB#0_30~1000_30~1000

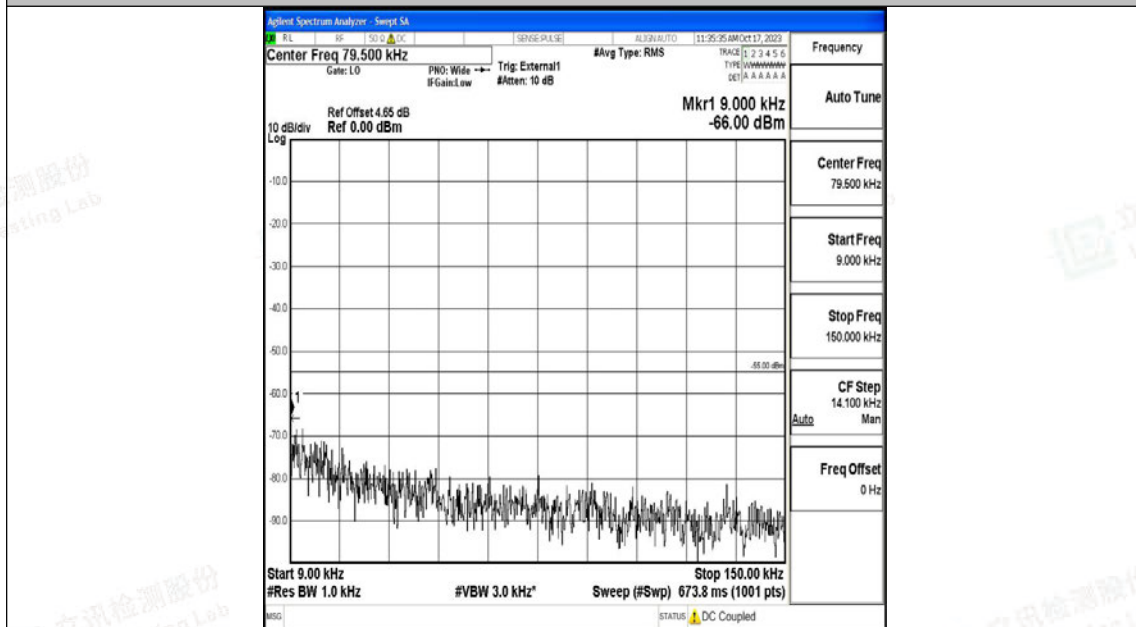


Band41_5MHz_QPSK_40620_1RB#0_1000~20000_1000~20000



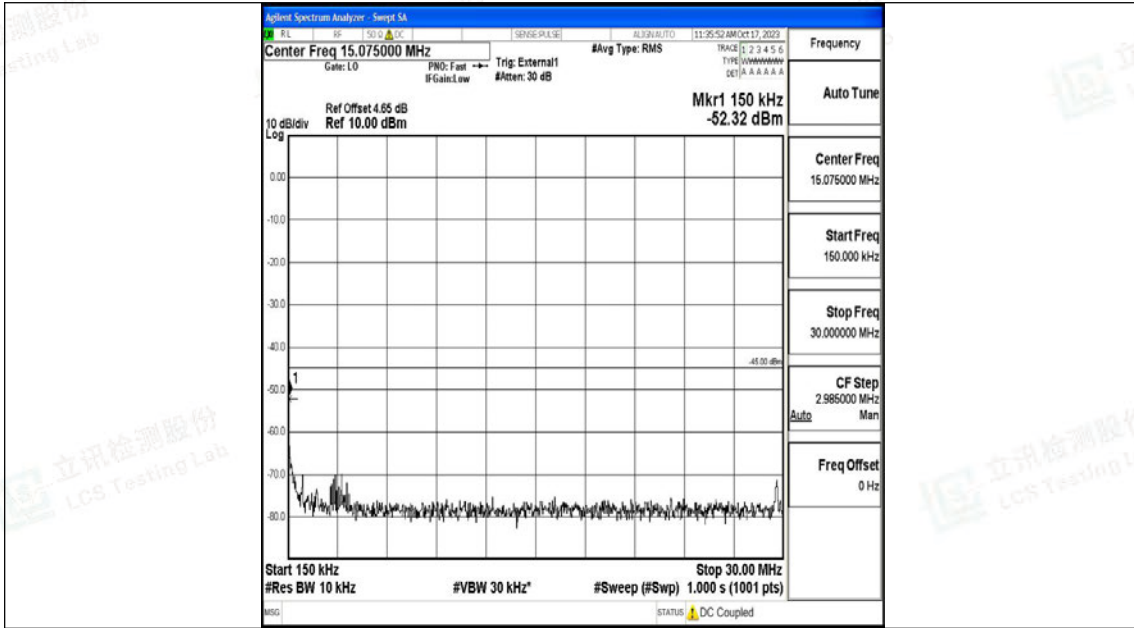


Band41_5MHz_QPSK_40620_1RB#0_20000~27000_20000~27000

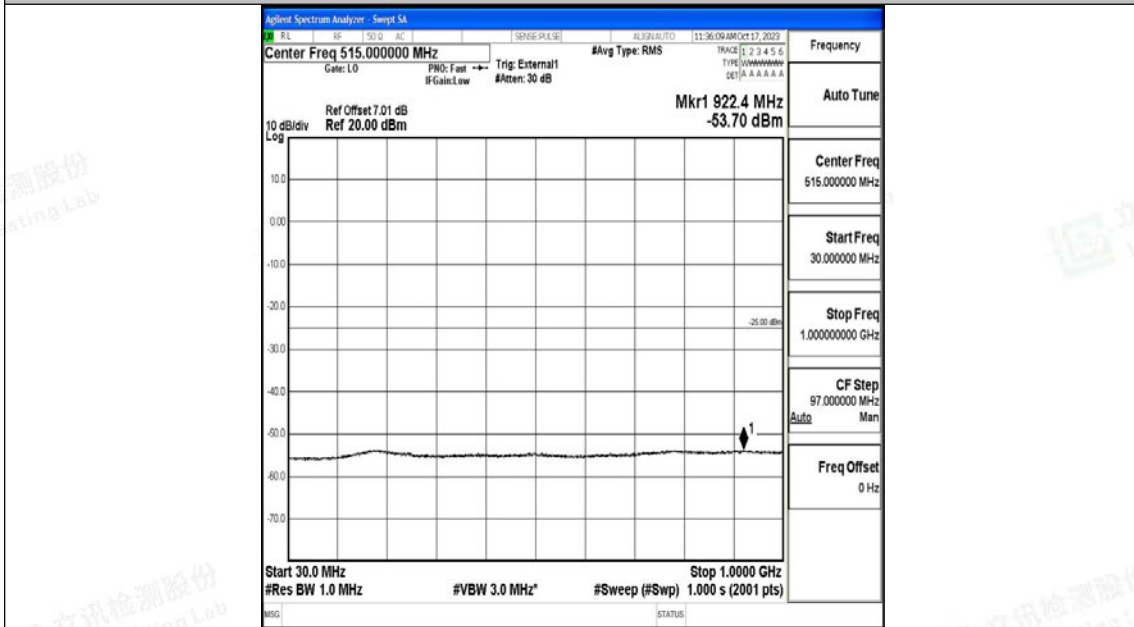


Band41_5MHz_16QAM_40620_1RB#0_0.009~0.15_0.009~0.15



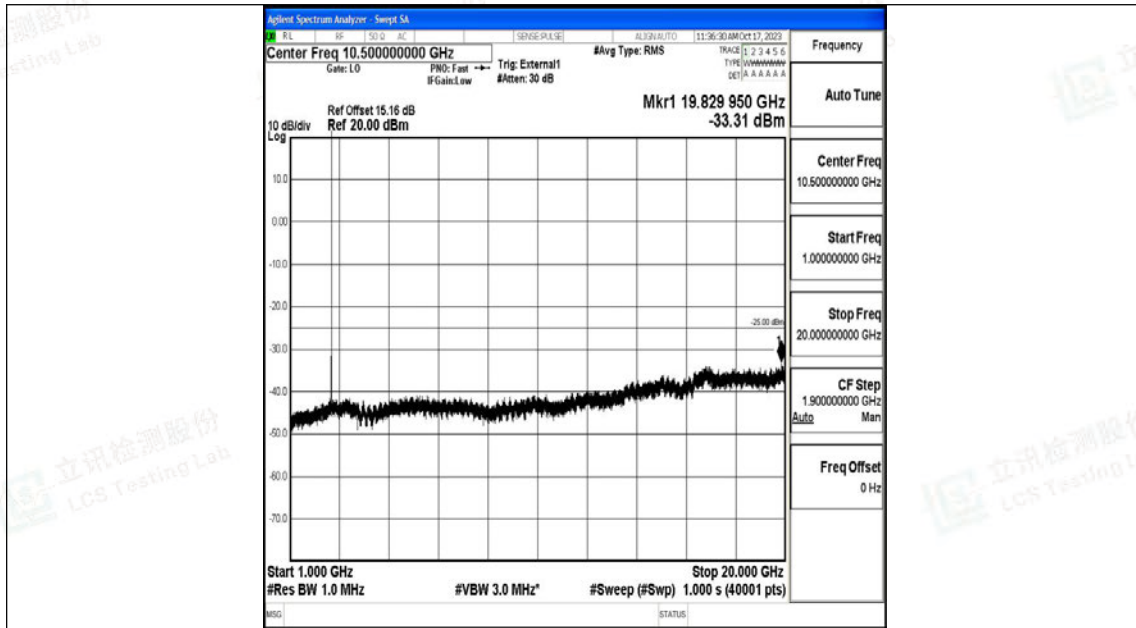


Band41_5MHz_16QAM_40620_1RB#0_0.15~30_0.15~30

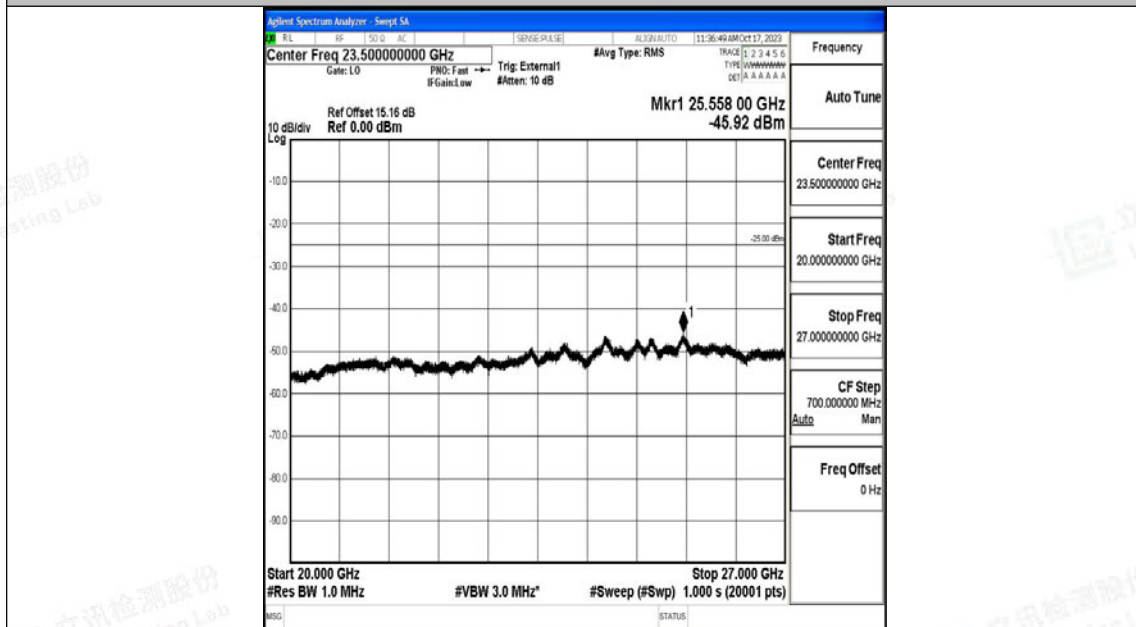


Band41_5MHz_16QAM_40620_1RB#0_30~1000_30~1000



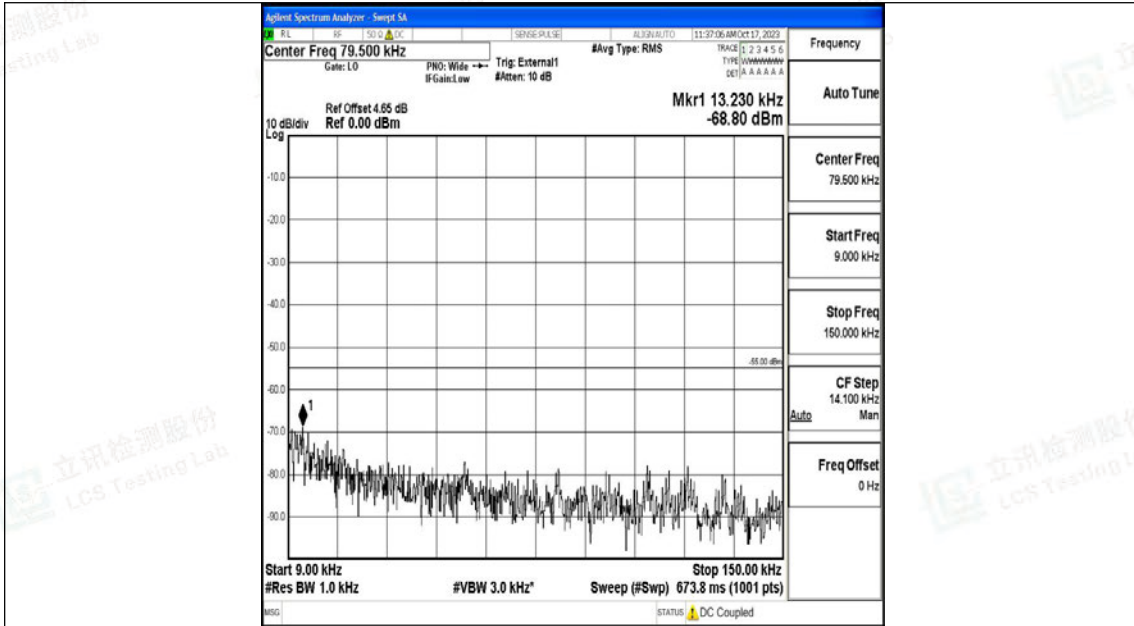


Band41_5MHz_16QAM_40620_1RB#0_1000~20000_1000~20000

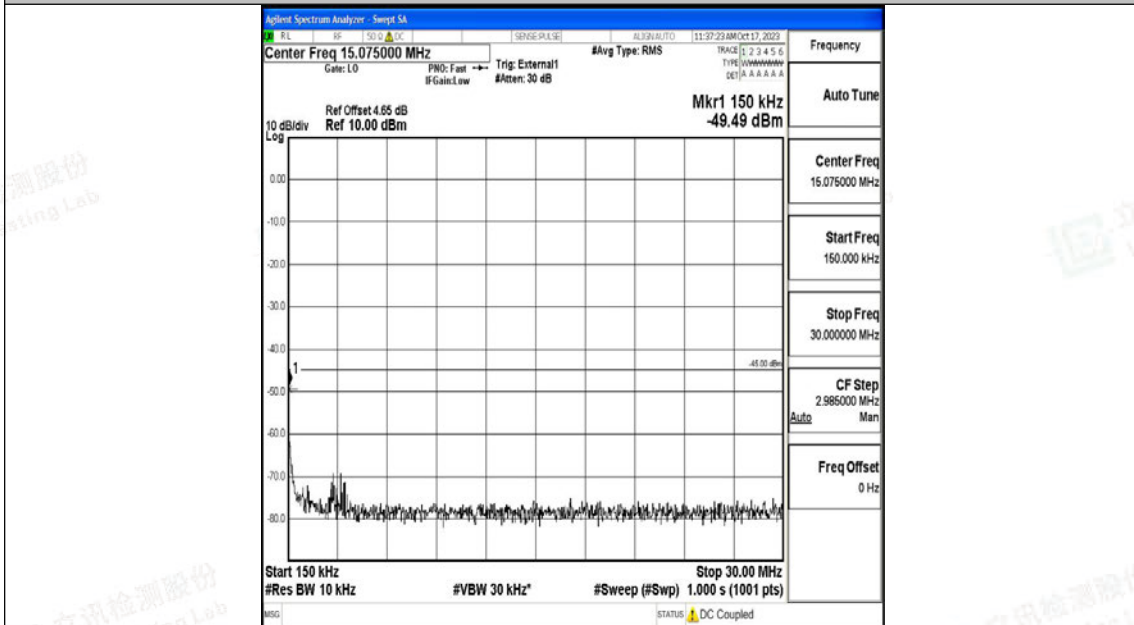


Band41_5MHz_16QAM_40620_1RB#0_20000~27000_20000~27000





Band41_5MHz_QPSK_41565_1RB#0_0.009~0.15_0.009~0.15



Band41_5MHz_QPSK_41565_1RB#0_0.15~30_0.15~30

