



Appendix I: Test Data for E-UTRA Band 7

Product Name: Smartphone

Test Model: Hyline Pro

Environmental Conditions

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



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Scan code to check authenticity



I.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	19.53	PASS
Band7	5MHz	16QAM	20775	1RB#0	19.30	PASS
Band7	5MHz	QPSK	20775	1RB#12	19.62	PASS
Band7	5MHz	16QAM	20775	1RB#12	19.34	PASS
Band7	5MHz	QPSK	20775	1RB#24	18.97	PASS
Band7	5MHz	16QAM	20775	1RB#24	18.94	PASS
Band7	5MHz	QPSK	20775	12RB#0	19.49	PASS
Band7	5MHz	16QAM	20775	12RB#0	18.95	PASS
Band7	5MHz	QPSK	20775	12RB#6	19.50	PASS
Band7	5MHz	16QAM	20775	12RB#6	18.98	PASS
Band7	5MHz	QPSK	20775	12RB#13	19.28	PASS
Band7	5MHz	16QAM	20775	12RB#13	18.94	PASS
Band7	5MHz	QPSK	20775	25RB#0	19.36	PASS
Band7	5MHz	16QAM	20775	25RB#0	18.99	PASS
Band7	5MHz	QPSK	21100	1RB#0	20.21	PASS
Band7	5MHz	16QAM	21100	1RB#0	19.85	PASS
Band7	5MHz	QPSK	21100	1RB#12	20.21	PASS
Band7	5MHz	16QAM	21100	1RB#12	19.93	PASS
Band7	5MHz	QPSK	21100	1RB#24	20.24	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.96	PASS
Band7	5MHz	QPSK	21100	12RB#0	19.64	PASS
Band7	5MHz	16QAM	21100	12RB#0	18.87	PASS
Band7	5MHz	QPSK	21100	12RB#6	19.53	PASS
Band7	5MHz	16QAM	21100	12RB#6	18.66	PASS
Band7	5MHz	QPSK	21100	12RB#13	19.62	PASS
Band7	5MHz	16QAM	21100	12RB#13	18.77	PASS
Band7	5MHz	QPSK	21100	25RB#0	19.68	PASS
Band7	5MHz	16QAM	21100	25RB#0	18.61	PASS
Band7	5MHz	QPSK	21425	1RB#0	19.87	PASS
Band7	5MHz	16QAM	21425	1RB#0	19.22	PASS
Band7	5MHz	QPSK	21425	1RB#12	20.18	PASS
Band7	5MHz	16QAM	21425	1RB#12	19.22	PASS
Band7	5MHz	QPSK	21425	1RB#24	19.79	PASS
Band7	5MHz	16QAM	21425	1RB#24	19.38	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.81	PASS
Band7	5MHz	16QAM	21425	12RB#0	18.98	PASS



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 Scan code to check authenticity



Band7	5MHz	QPSK	21425	12RB#6	19.79	PASS
Band7	5MHz	16QAM	21425	12RB#6	19.01	PASS
Band7	5MHz	QPSK	21425	12RB#13	19.86	PASS
Band7	5MHz	16QAM	21425	12RB#13	18.97	PASS
Band7	5MHz	QPSK	21425	25RB#0	19.79	PASS
Band7	5MHz	16QAM	21425	25RB#0	19.13	PASS
Band7	10MHz	QPSK	20800	1RB#0	19.45	PASS
Band7	10MHz	16QAM	20800	1RB#0	19.53	PASS
Band7	10MHz	QPSK	20800	1RB#24	19.20	PASS
Band7	10MHz	16QAM	20800	1RB#24	19.33	PASS
Band7	10MHz	QPSK	20800	1RB#49	19.11	PASS
Band7	10MHz	16QAM	20800	1RB#49	19.22	PASS
Band7	10MHz	QPSK	20800	25RB#0	19.32	PASS
Band7	10MHz	16QAM	20800	25RB#0	18.95	PASS
Band7	10MHz	QPSK	20800	25RB#12	19.36	PASS
Band7	10MHz	16QAM	20800	25RB#12	18.97	PASS
Band7	10MHz	QPSK	20800	25RB#25	19.23	PASS
Band7	10MHz	16QAM	20800	25RB#25	18.81	PASS
Band7	10MHz	QPSK	20800	50RB#0	19.26	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.06	PASS
Band7	10MHz	QPSK	21100	1RB#0	20.36	PASS
Band7	10MHz	16QAM	21100	1RB#0	19.53	PASS
Band7	10MHz	QPSK	21100	1RB#24	20.45	PASS
Band7	10MHz	16QAM	21100	1RB#24	19.66	PASS
Band7	10MHz	QPSK	21100	1RB#49	20.52	PASS
Band7	10MHz	16QAM	21100	1RB#49	19.74	PASS
Band7	10MHz	QPSK	21100	25RB#0	19.36	PASS
Band7	10MHz	16QAM	21100	25RB#0	18.95	PASS
Band7	10MHz	QPSK	21100	25RB#12	19.57	PASS
Band7	10MHz	16QAM	21100	25RB#12	18.85	PASS
Band7	10MHz	QPSK	21100	25RB#25	19.68	PASS
Band7	10MHz	16QAM	21100	25RB#25	19.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	19.47	PASS
Band7	10MHz	16QAM	21100	50RB#0	18.85	PASS
Band7	10MHz	QPSK	21400	1RB#0	19.52	PASS
Band7	10MHz	16QAM	21400	1RB#0	19.46	PASS
Band7	10MHz	QPSK	21400	1RB#24	19.83	PASS
Band7	10MHz	16QAM	21400	1RB#24	19.86	PASS
Band7	10MHz	QPSK	21400	1RB#49	20.14	PASS
Band7	10MHz	16QAM	21400	1RB#49	19.71	PASS





Band7	10MHz	QPSK	21400	25RB#0	19.76	PASS
Band7	10MHz	16QAM	21400	25RB#0	18.97	PASS
Band7	10MHz	QPSK	21400	25RB#12	19.73	PASS
Band7	10MHz	16QAM	21400	25RB#12	18.97	PASS
Band7	10MHz	QPSK	21400	25RB#25	19.77	PASS
Band7	10MHz	16QAM	21400	25RB#25	19.04	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.79	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.11	PASS
Band7	15MHz	QPSK	20825	1RB#0	19.40	PASS
Band7	15MHz	16QAM	20825	1RB#0	19.47	PASS
Band7	15MHz	QPSK	20825	1RB#38	18.96	PASS
Band7	15MHz	16QAM	20825	1RB#38	19.09	PASS
Band7	15MHz	QPSK	20825	1RB#74	18.95	PASS
Band7	15MHz	16QAM	20825	1RB#74	19.09	PASS
Band7	15MHz	QPSK	20825	38RB#0	19.08	PASS
Band7	15MHz	16QAM	20825	38RB#0	19.07	PASS
Band7	15MHz	QPSK	20825	38RB#18	19.07	PASS
Band7	15MHz	16QAM	20825	38RB#18	19.06	PASS
Band7	15MHz	QPSK	20825	38RB#37	19.05	PASS
Band7	15MHz	16QAM	20825	38RB#37	19.05	PASS
Band7	15MHz	QPSK	20825	75RB#0	19.05	PASS
Band7	15MHz	16QAM	20825	75RB#0	18.83	PASS
Band7	15MHz	QPSK	21100	1RB#0	20.21	PASS
Band7	15MHz	16QAM	21100	1RB#0	19.75	PASS
Band7	15MHz	QPSK	21100	1RB#38	20.27	PASS
Band7	15MHz	16QAM	21100	1RB#38	19.89	PASS
Band7	15MHz	QPSK	21100	1RB#74	20.21	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	19.65	PASS
Band7	15MHz	16QAM	21100	38RB#0	19.65	PASS
Band7	15MHz	QPSK	21100	38RB#18	19.66	PASS
Band7	15MHz	16QAM	21100	38RB#18	19.66	PASS
Band7	15MHz	QPSK	21100	38RB#37	19.66	PASS
Band7	15MHz	16QAM	21100	38RB#37	19.66	PASS
Band7	15MHz	QPSK	21100	75RB#0	19.67	PASS
Band7	15MHz	16QAM	21100	75RB#0	18.84	PASS
Band7	15MHz	QPSK	21375	1RB#0	19.37	PASS
Band7	15MHz	16QAM	21375	1RB#0	19.10	PASS
Band7	15MHz	QPSK	21375	1RB#38	19.63	PASS
Band7	15MHz	16QAM	21375	1RB#38	19.54	PASS





Band7	15MHz	QPSK	21375	1RB#74	19.76	PASS
Band7	15MHz	16QAM	21375	1RB#74	19.70	PASS
Band7	15MHz	QPSK	21375	38RB#0	19.66	PASS
Band7	15MHz	16QAM	21375	38RB#0	19.61	PASS
Band7	15MHz	QPSK	21375	38RB#18	19.60	PASS
Band7	15MHz	16QAM	21375	38RB#18	19.60	PASS
Band7	15MHz	QPSK	21375	38RB#37	19.59	PASS
Band7	15MHz	16QAM	21375	38RB#37	19.59	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.59	PASS
Band7	15MHz	16QAM	21375	75RB#0	19.06	PASS
Band7	20MHz	QPSK	20850	1RB#0	19.49	PASS
Band7	20MHz	16QAM	20850	1RB#0	19.38	PASS
Band7	20MHz	QPSK	20850	1RB#49	18.96	PASS
Band7	20MHz	16QAM	20850	1RB#49	18.91	PASS
Band7	20MHz	QPSK	20850	1RB#99	20.10	PASS
Band7	20MHz	16QAM	20850	1RB#99	19.20	PASS
Band7	20MHz	QPSK	20850	50RB#0	18.93	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.93	PASS
Band7	20MHz	QPSK	20850	50RB#25	18.93	PASS
Band7	20MHz	16QAM	20850	50RB#25	18.93	PASS
Band7	20MHz	QPSK	20850	50RB#50	19.36	PASS
Band7	20MHz	16QAM	20850	50RB#50	18.83	PASS
Band7	20MHz	QPSK	20850	100RB#0	19.13	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.82	PASS
Band7	20MHz	QPSK	21100	1RB#0	20.23	PASS
Band7	20MHz	16QAM	21100	1RB#0	19.98	PASS
Band7	20MHz	QPSK	21100	1RB#49	20.44	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.14	PASS
Band7	20MHz	QPSK	21100	1RB#99	20.54	PASS
Band7	20MHz	16QAM	21100	1RB#99	20.28	PASS
Band7	20MHz	QPSK	21100	50RB#0	19.60	PASS
Band7	20MHz	16QAM	21100	50RB#0	18.87	PASS
Band7	20MHz	QPSK	21100	50RB#25	19.57	PASS
Band7	20MHz	16QAM	21100	50RB#25	18.82	PASS
Band7	20MHz	QPSK	21100	50RB#50	19.66	PASS
Band7	20MHz	16QAM	21100	50RB#50	18.98	PASS
Band7	20MHz	QPSK	21100	100RB#0	19.63	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.92	PASS
Band7	20MHz	QPSK	21350	1RB#0	19.54	PASS
Band7	20MHz	16QAM	21350	1RB#0	19.44	PASS





Band7	20MHz	QPSK	21350	1RB#49	19.26	PASS
Band7	20MHz	16QAM	21350	1RB#49	19.34	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.10	PASS
Band7	20MHz	16QAM	21350	1RB#99	19.83	PASS
Band7	20MHz	QPSK	21350	50RB#0	19.27	PASS
Band7	20MHz	16QAM	21350	50RB#0	19.09	PASS
Band7	20MHz	QPSK	21350	50RB#25	19.23	PASS
Band7	20MHz	16QAM	21350	50RB#25	19.08	PASS
Band7	20MHz	QPSK	21350	50RB#50	19.84	PASS
Band7	20MHz	16QAM	21350	50RB#50	19.06	PASS
Band7	20MHz	QPSK	21350	100RB#0	19.58	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.02	PASS





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

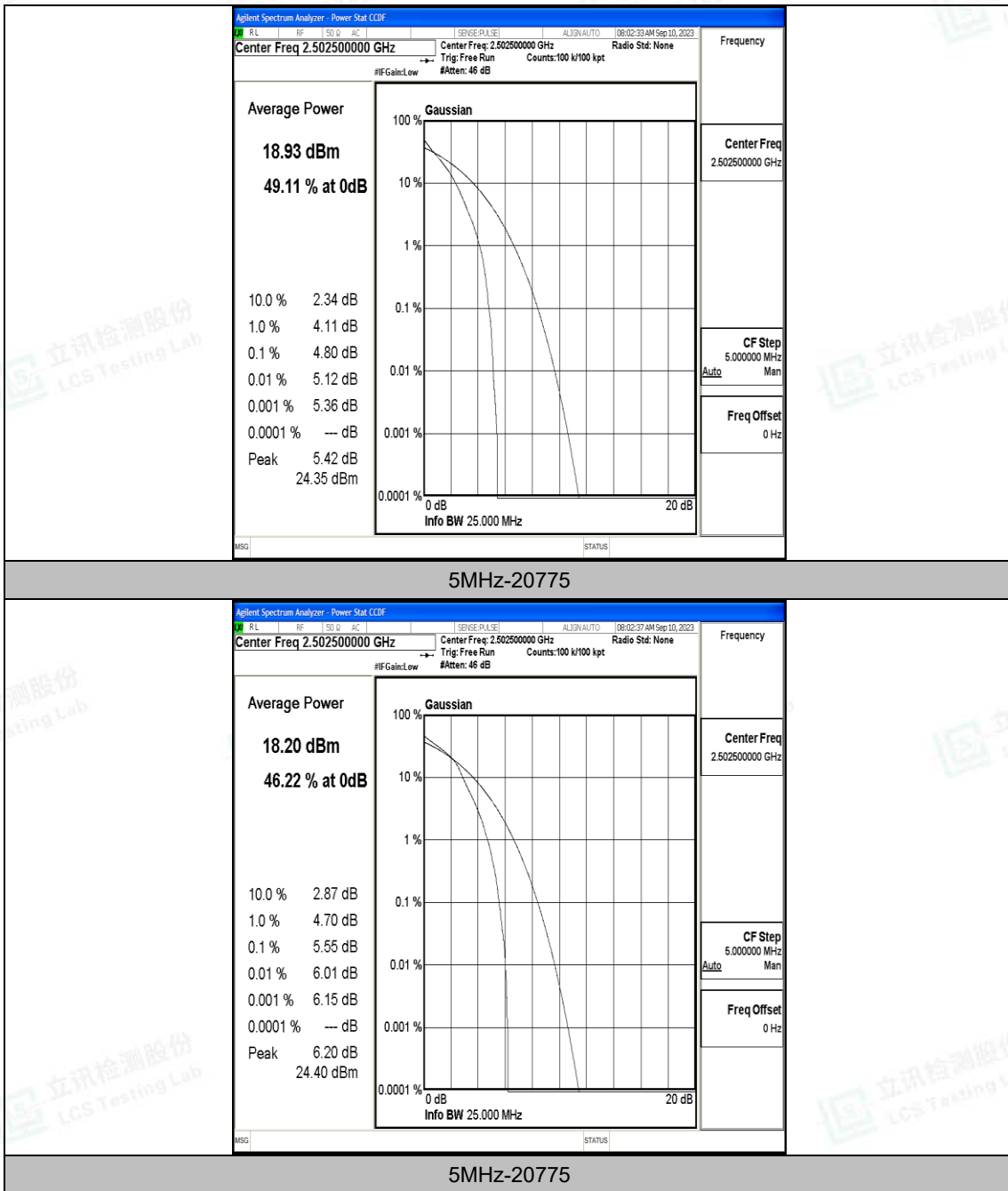
Test Result

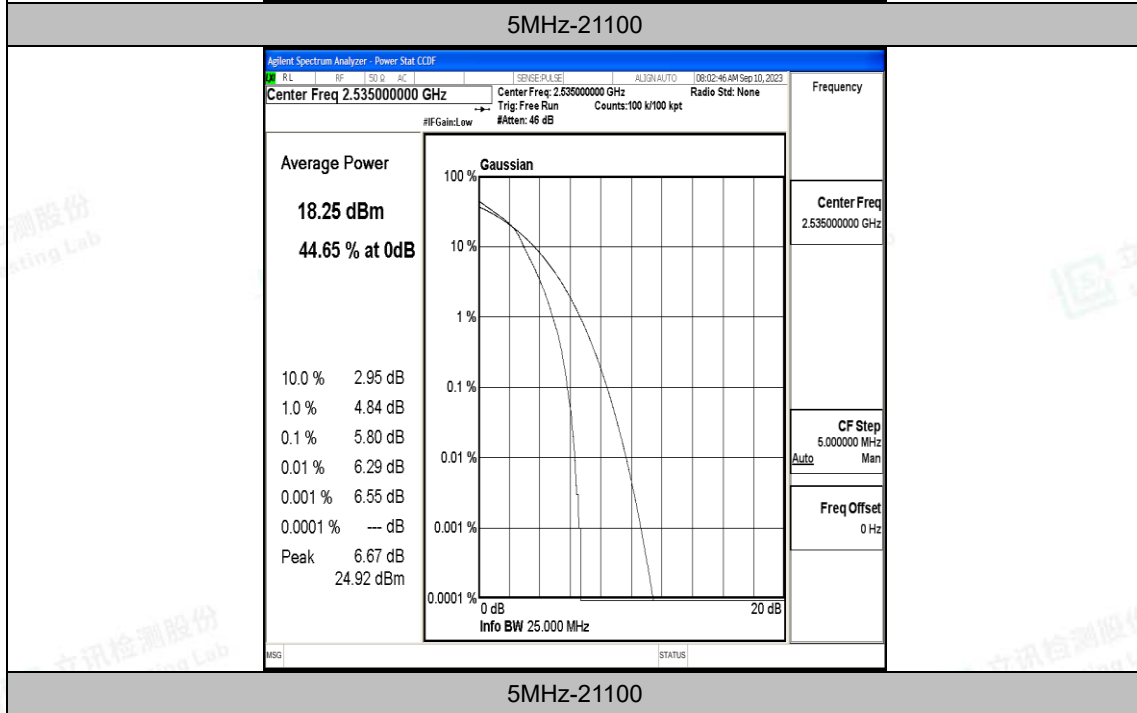
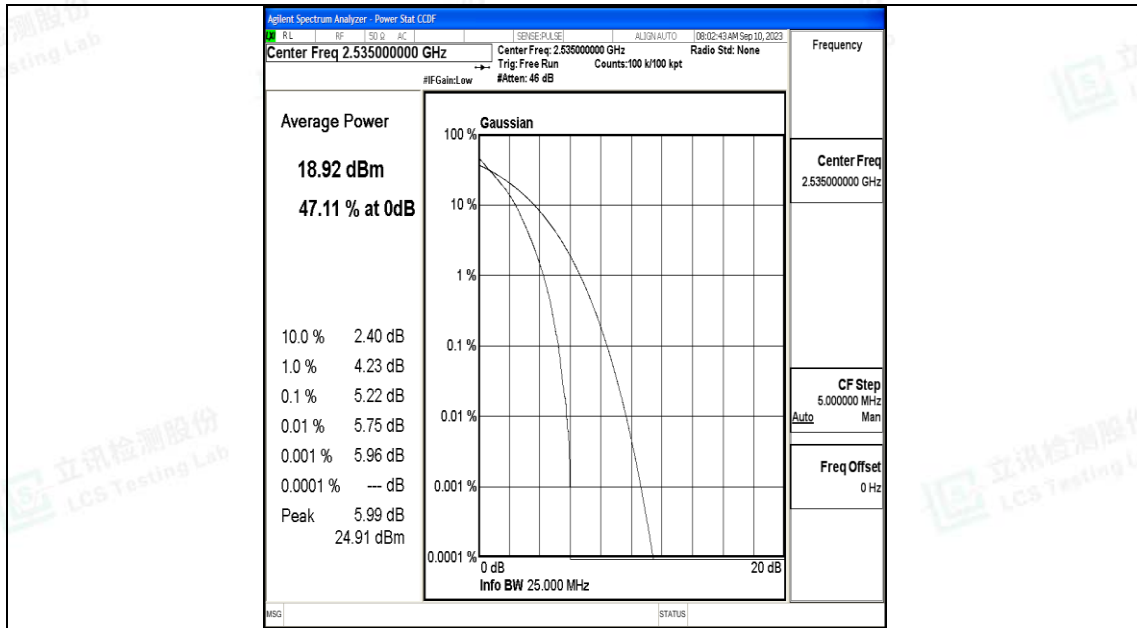
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.80	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.55	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.22	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.80	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.84	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.63	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.69	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.29	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.98	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.77	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.79	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.43	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	4.96	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.46	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.35	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.96	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.11	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.59	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.01	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.61	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.22	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.95	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.04	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.71	13	PASS

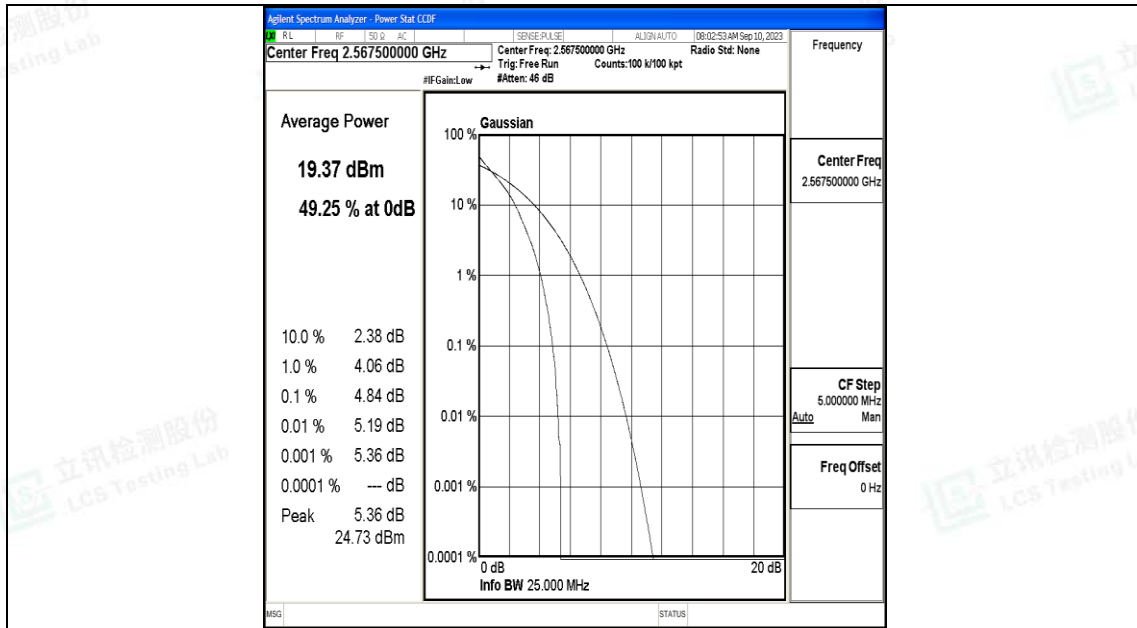




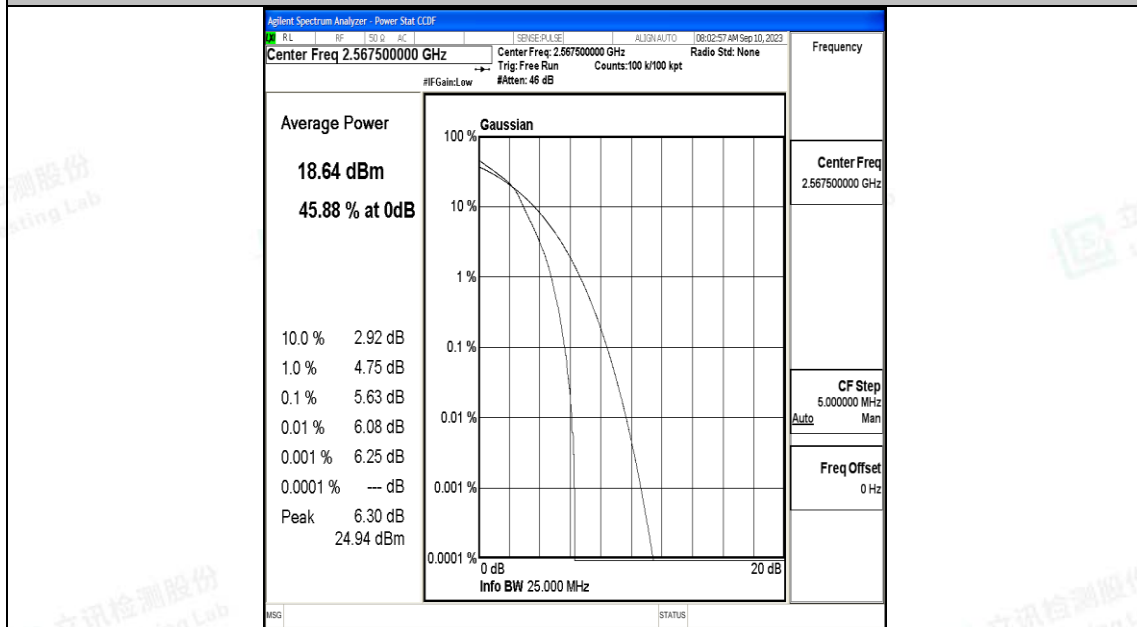
Test Graphs





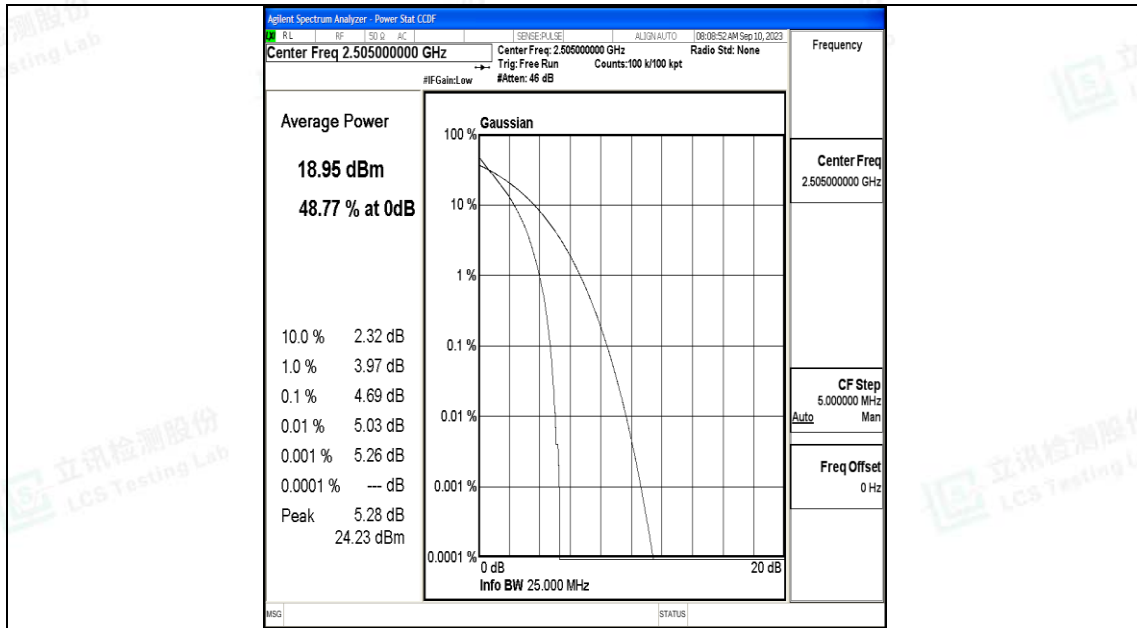


5MHz-21425

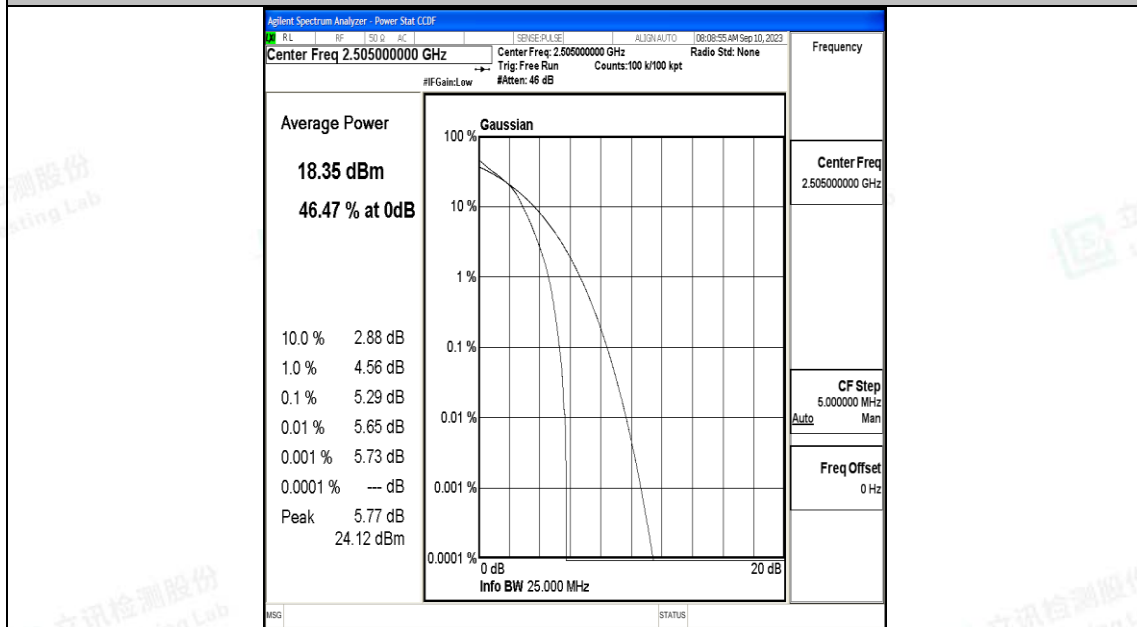


5MHz-21425



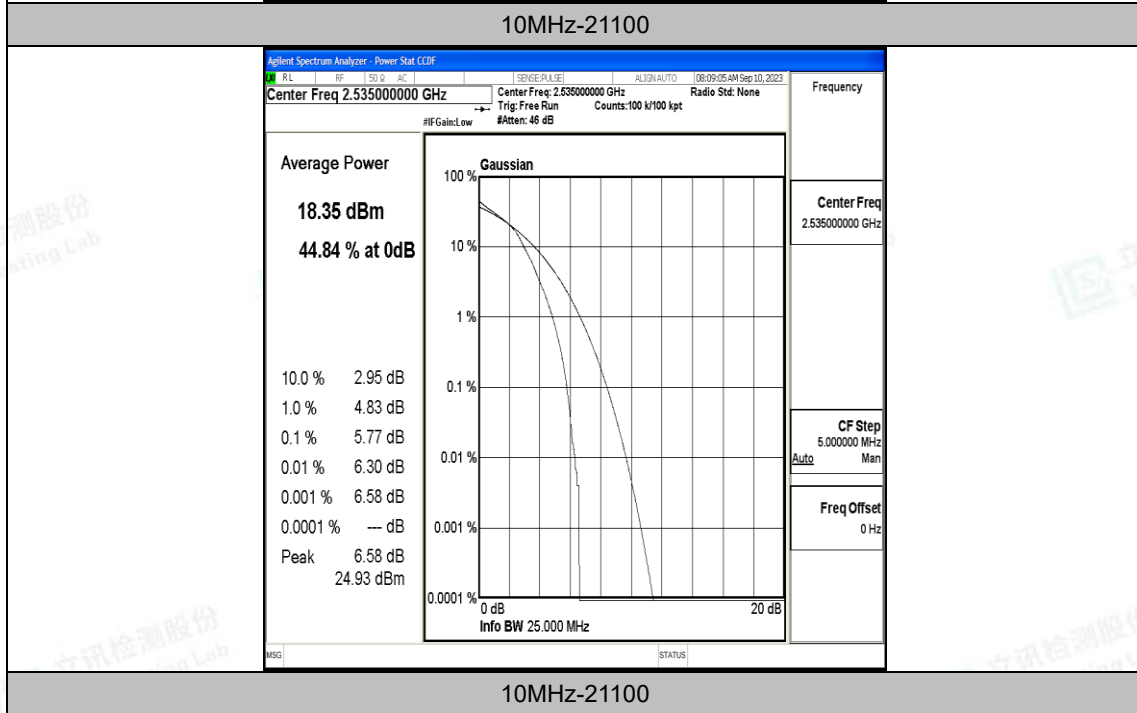
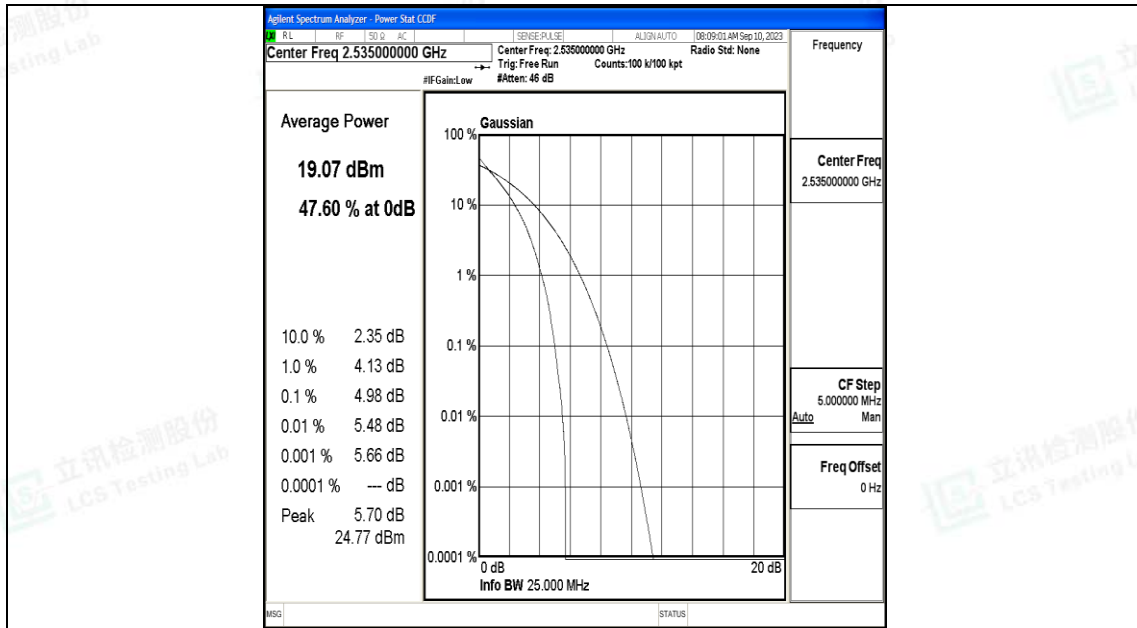


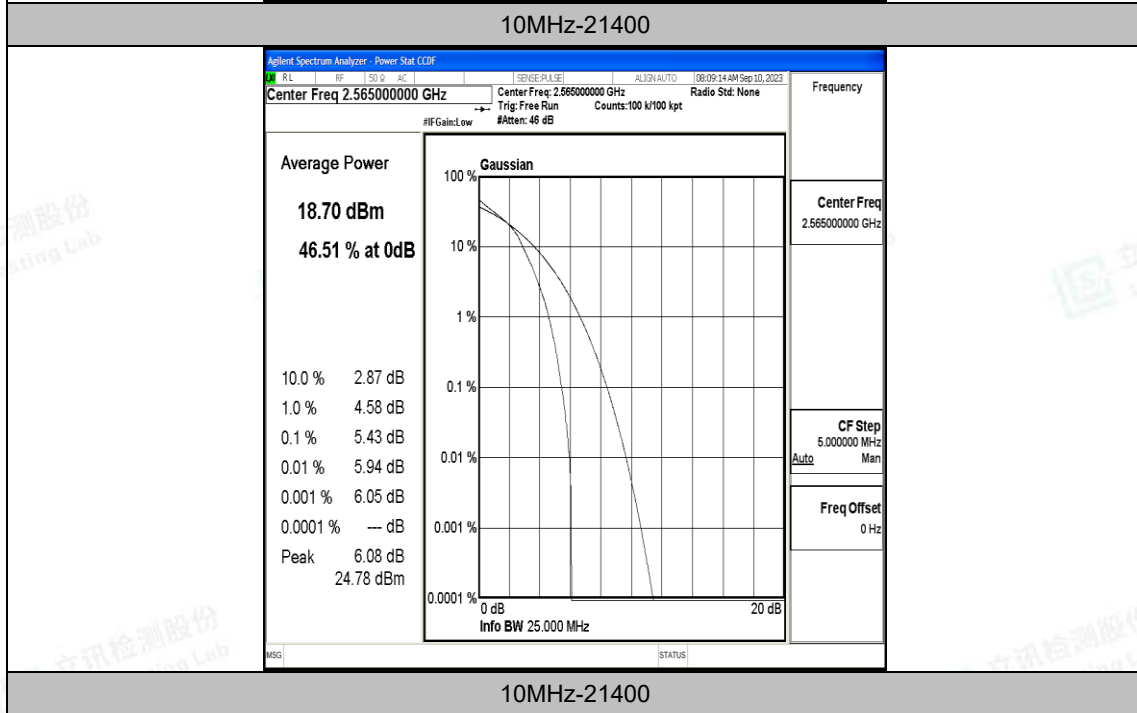
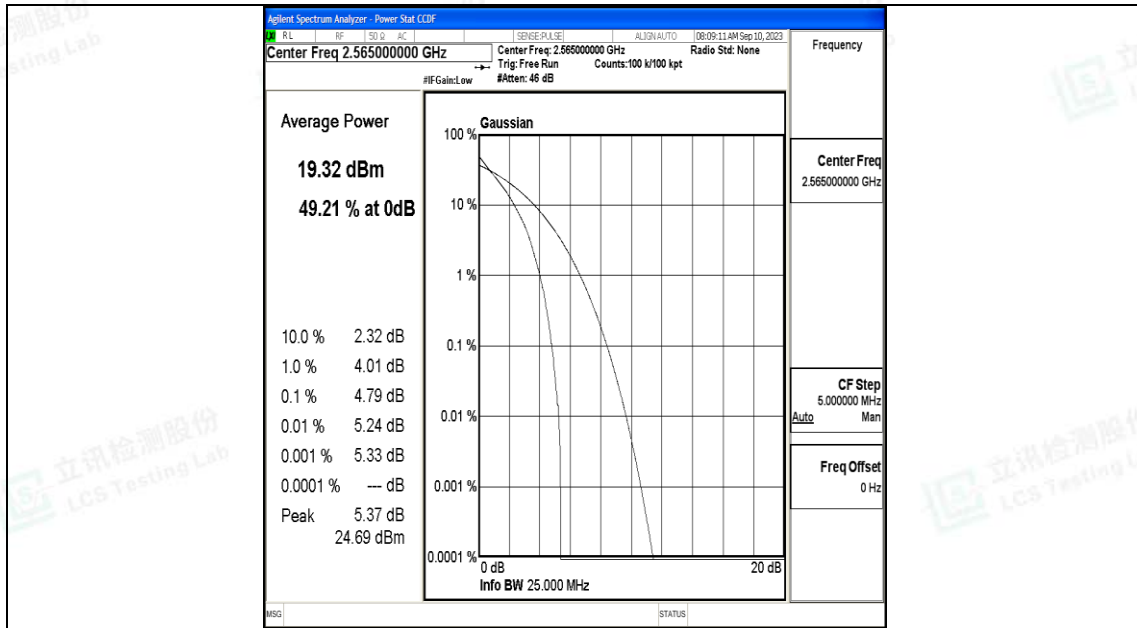
10MHz-20800

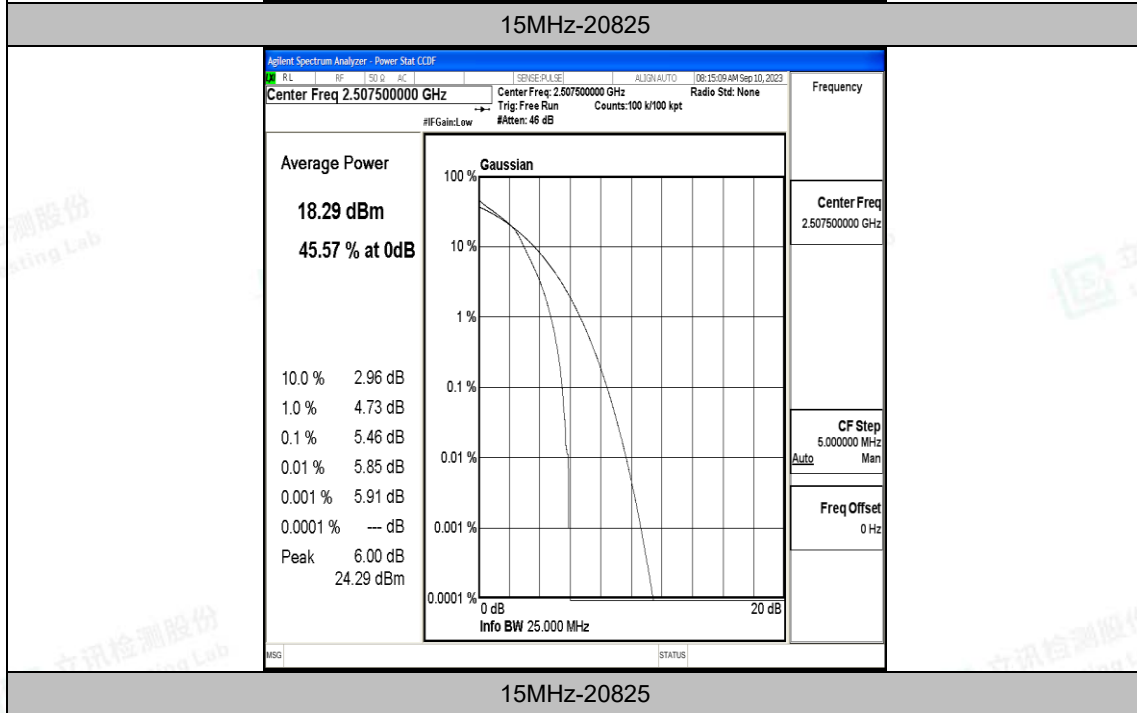
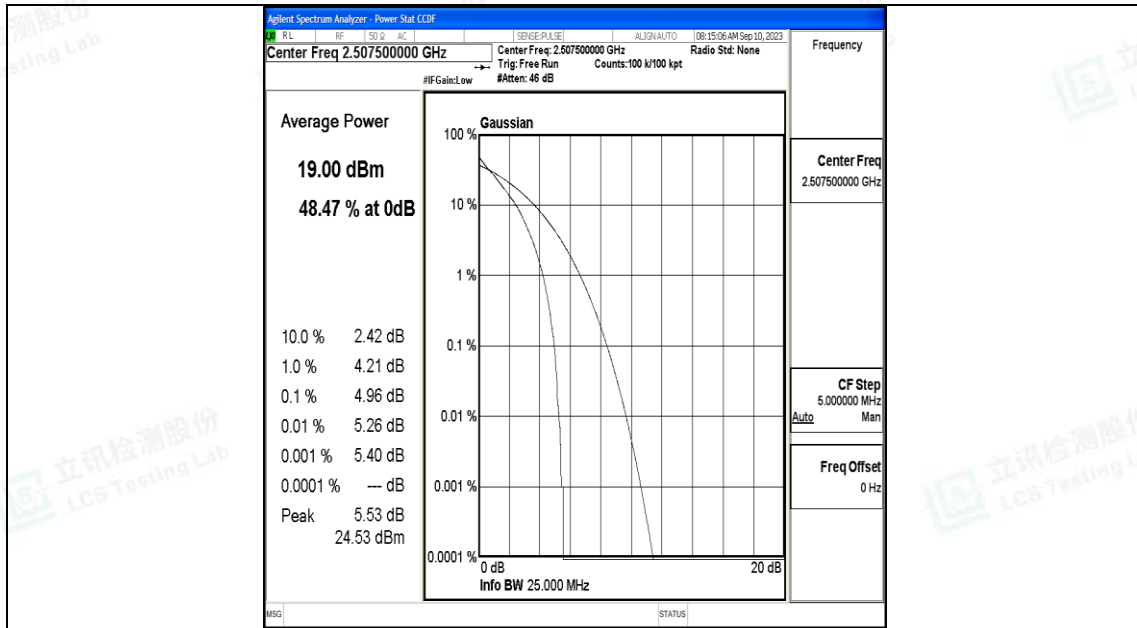


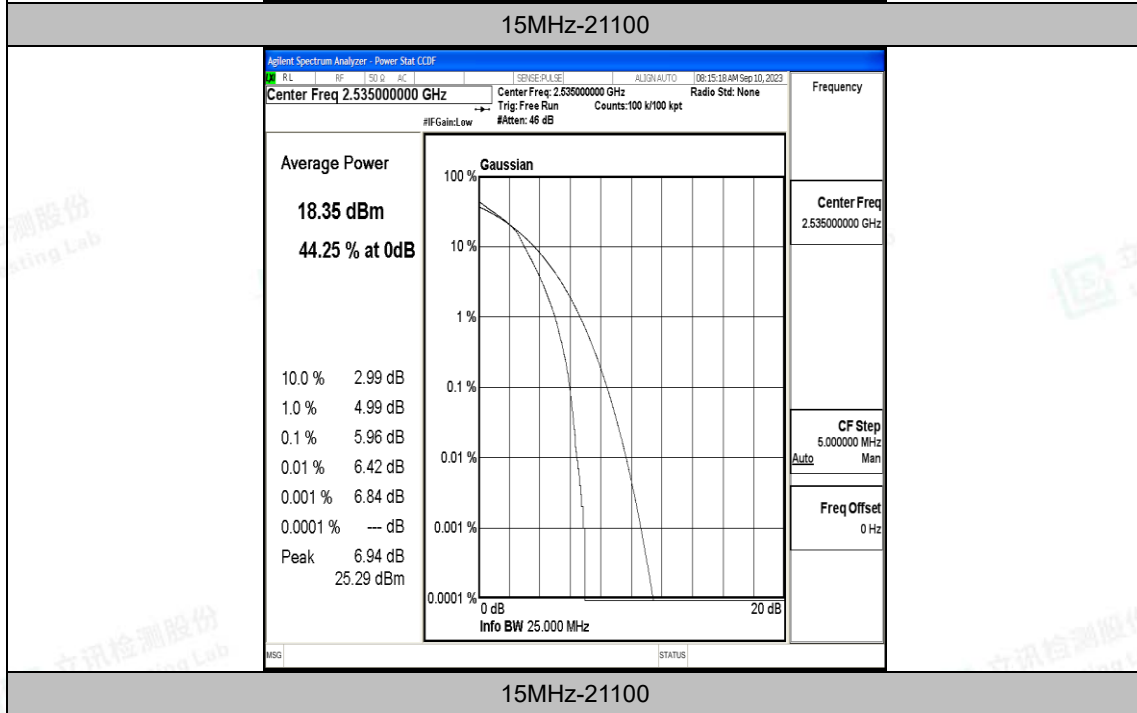
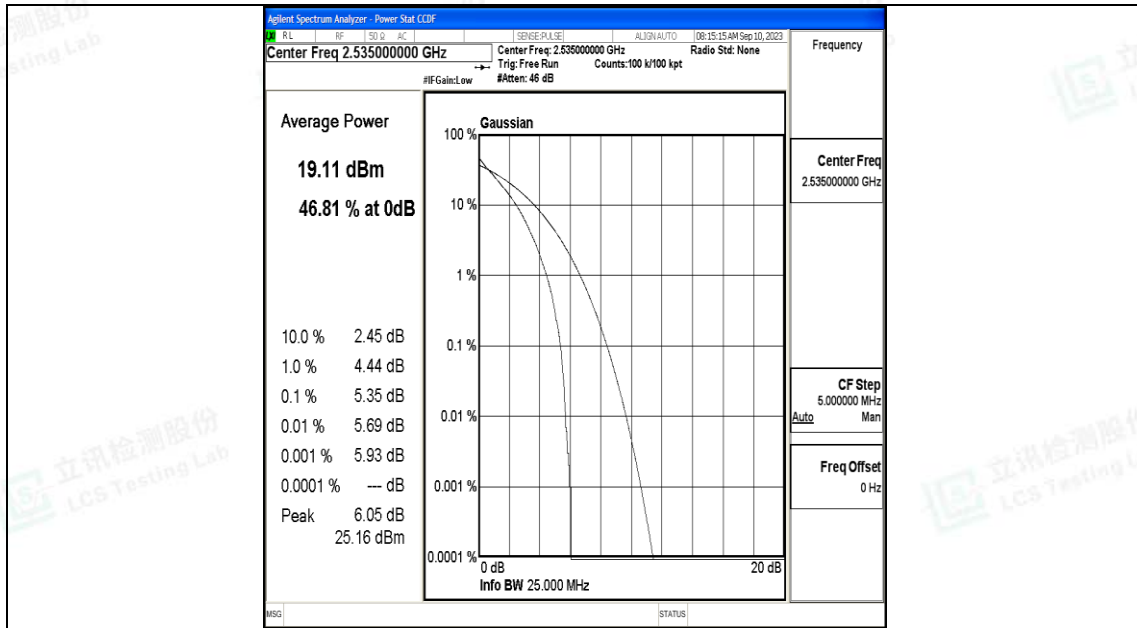
10MHz-20800

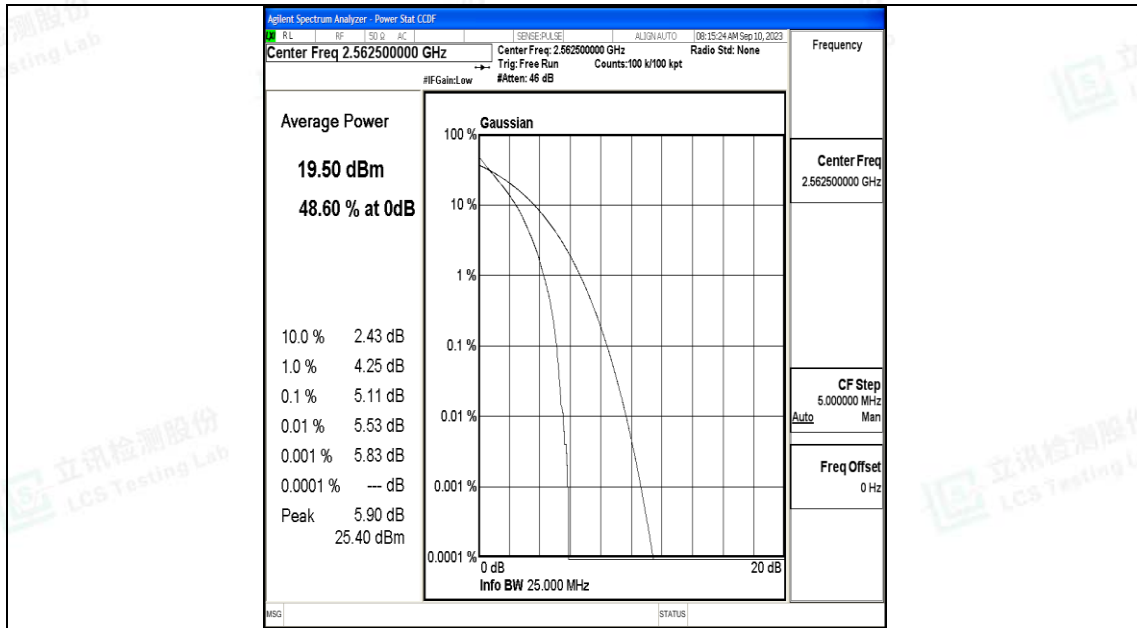




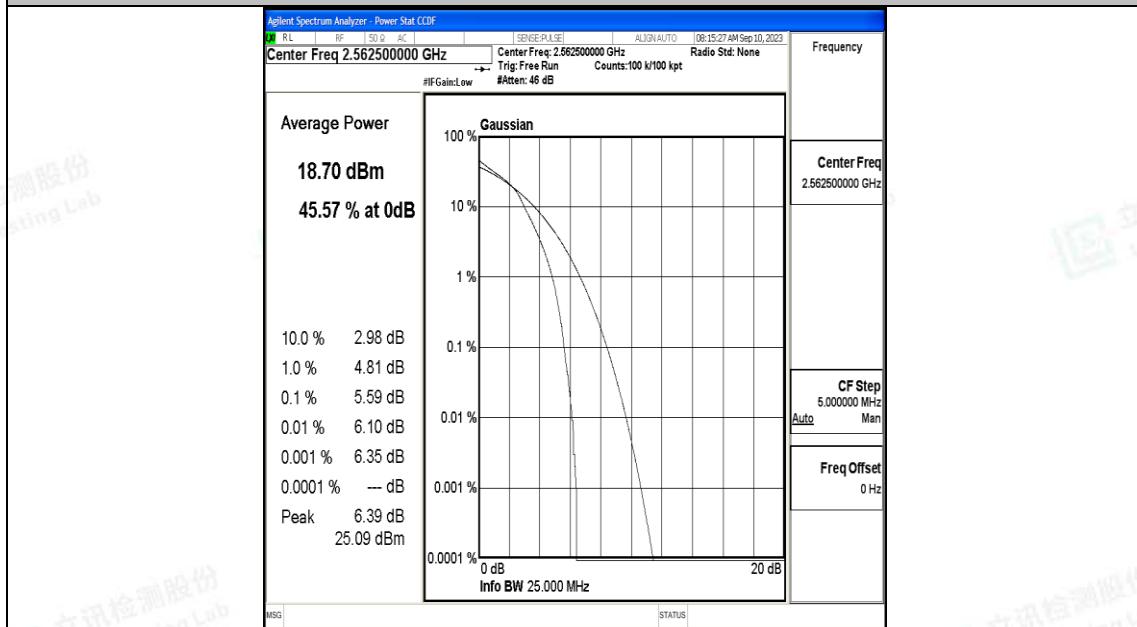






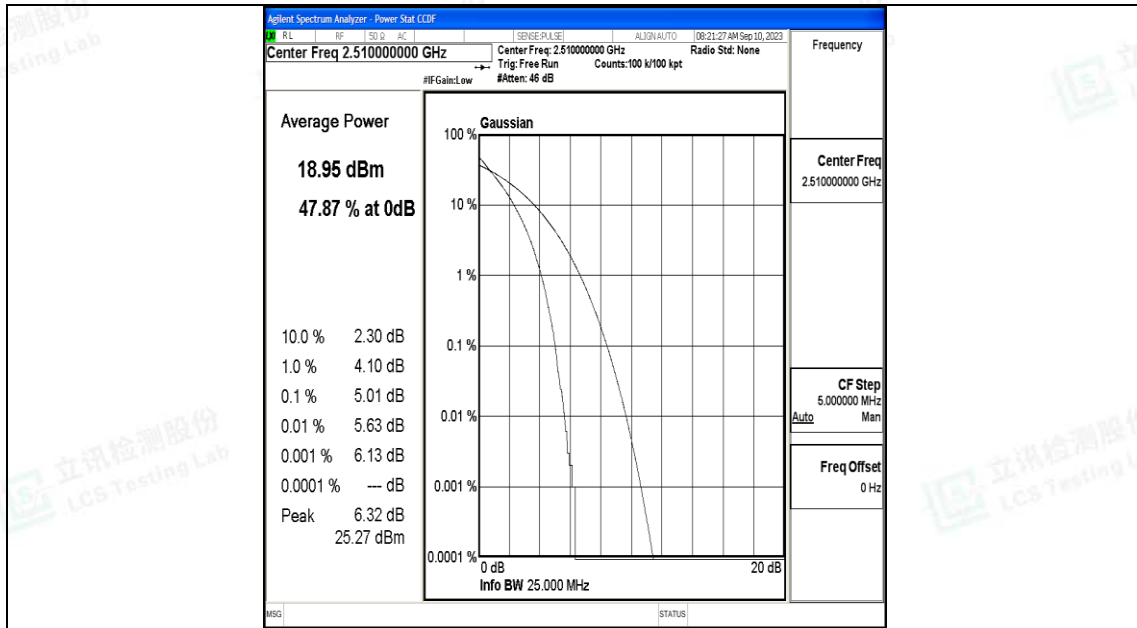


15MHz-21375

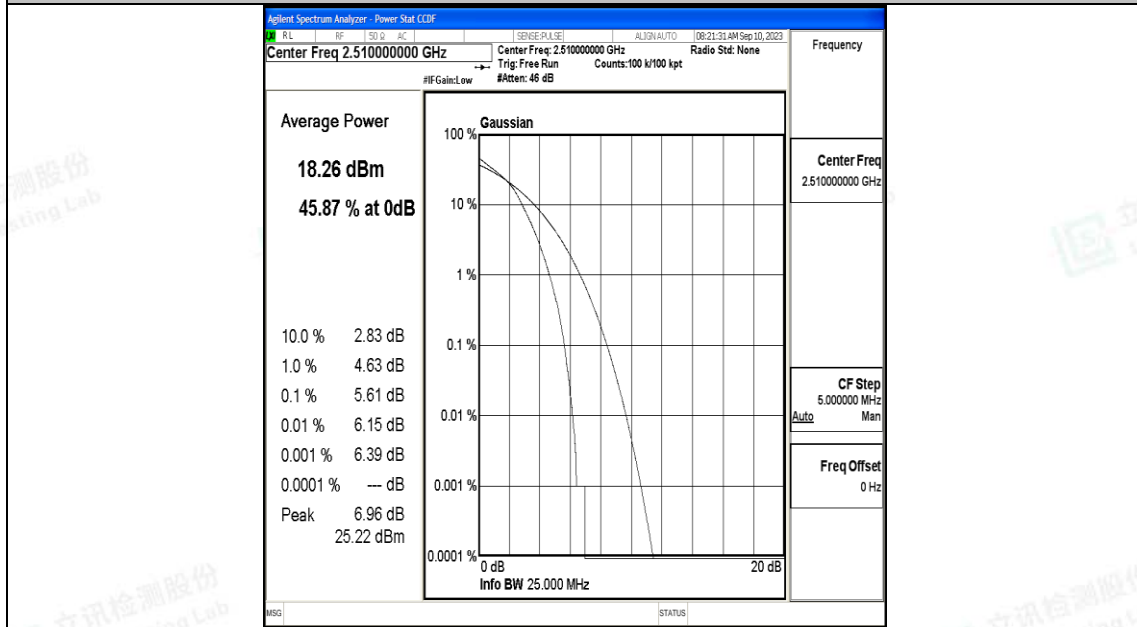


15MHz-21375



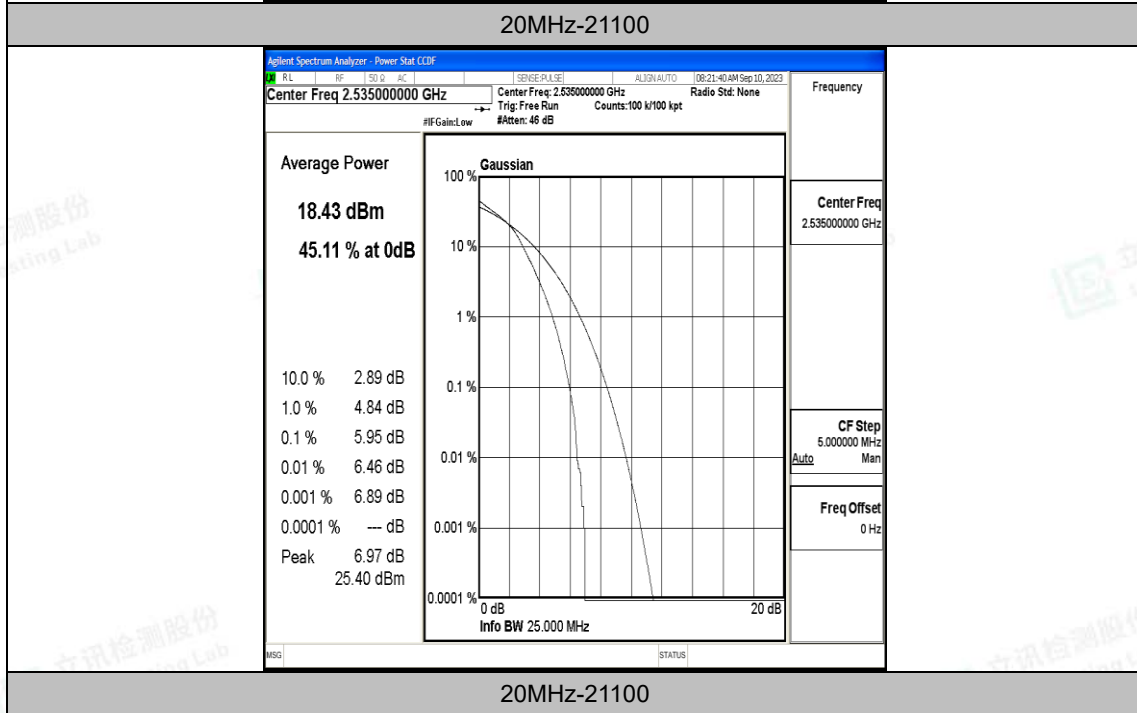
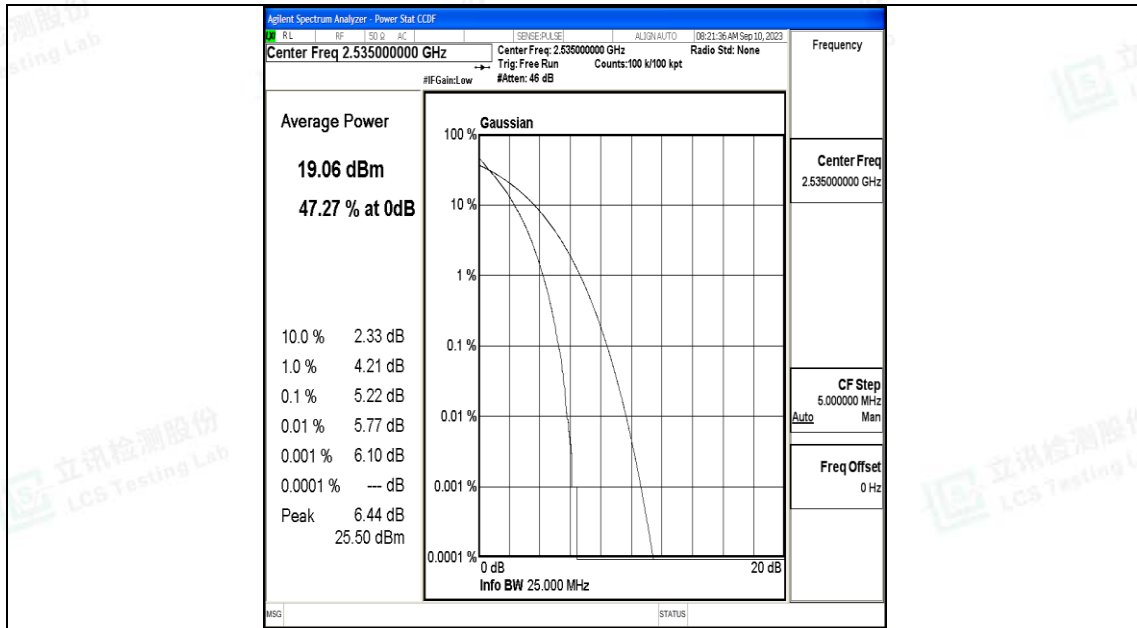


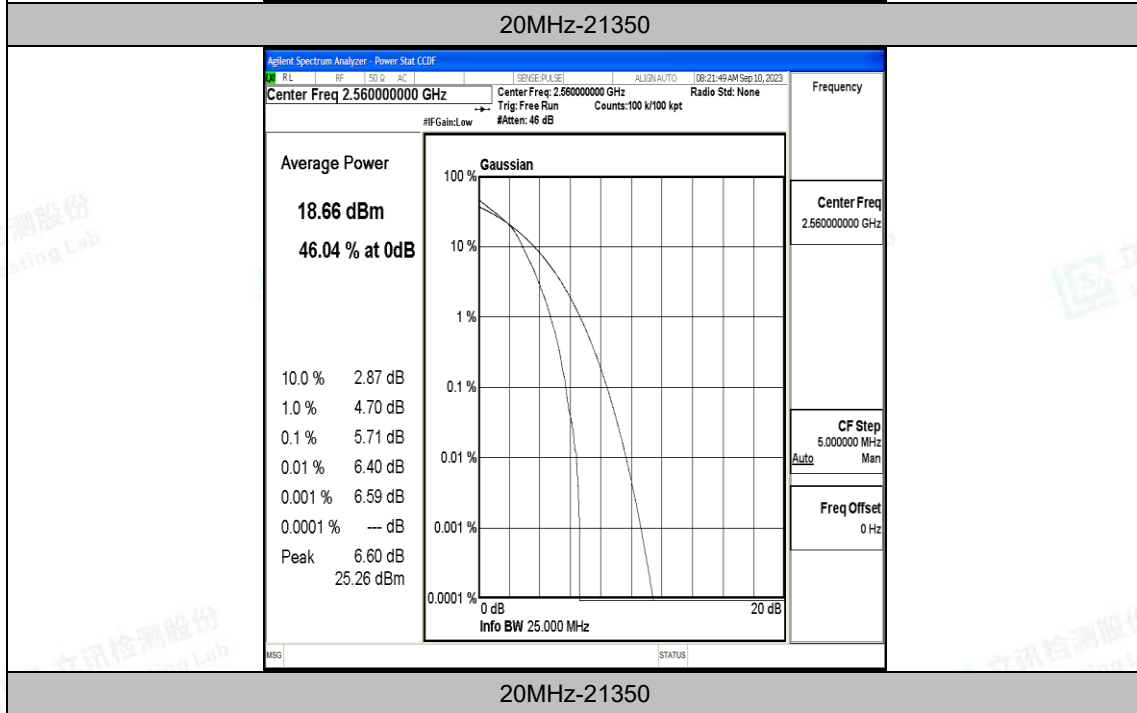
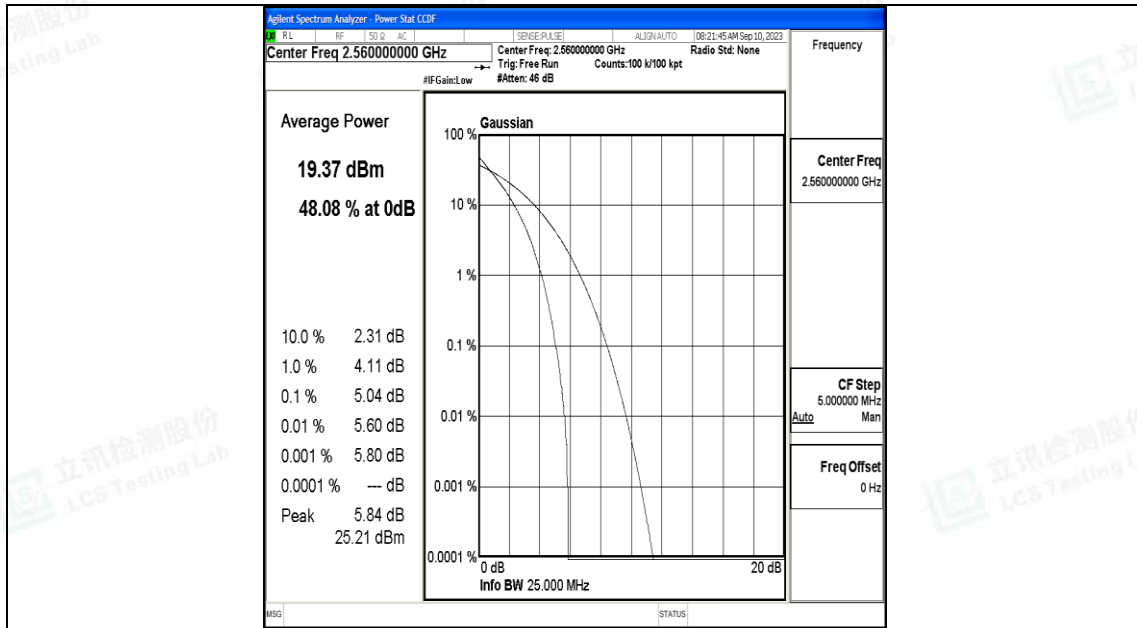
20MHz-20850



20MHz-20850









I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5346	5.278	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5244	5.281	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5296	5.292	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5288	5.249	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5136	5.405	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5476	5.432	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0198	10.02	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0090	10.21	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0040	10.22	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9826	9.924	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0126	10.31	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9873	10.71	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.524	15.34	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.506	15.02	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.494	15.44	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.490	14.96	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.516	15.65	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.538	15.01	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.025	19.99	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.008	20.07	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.974	19.72	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.992	19.93	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.064	20.49	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.020	20.34	PASS



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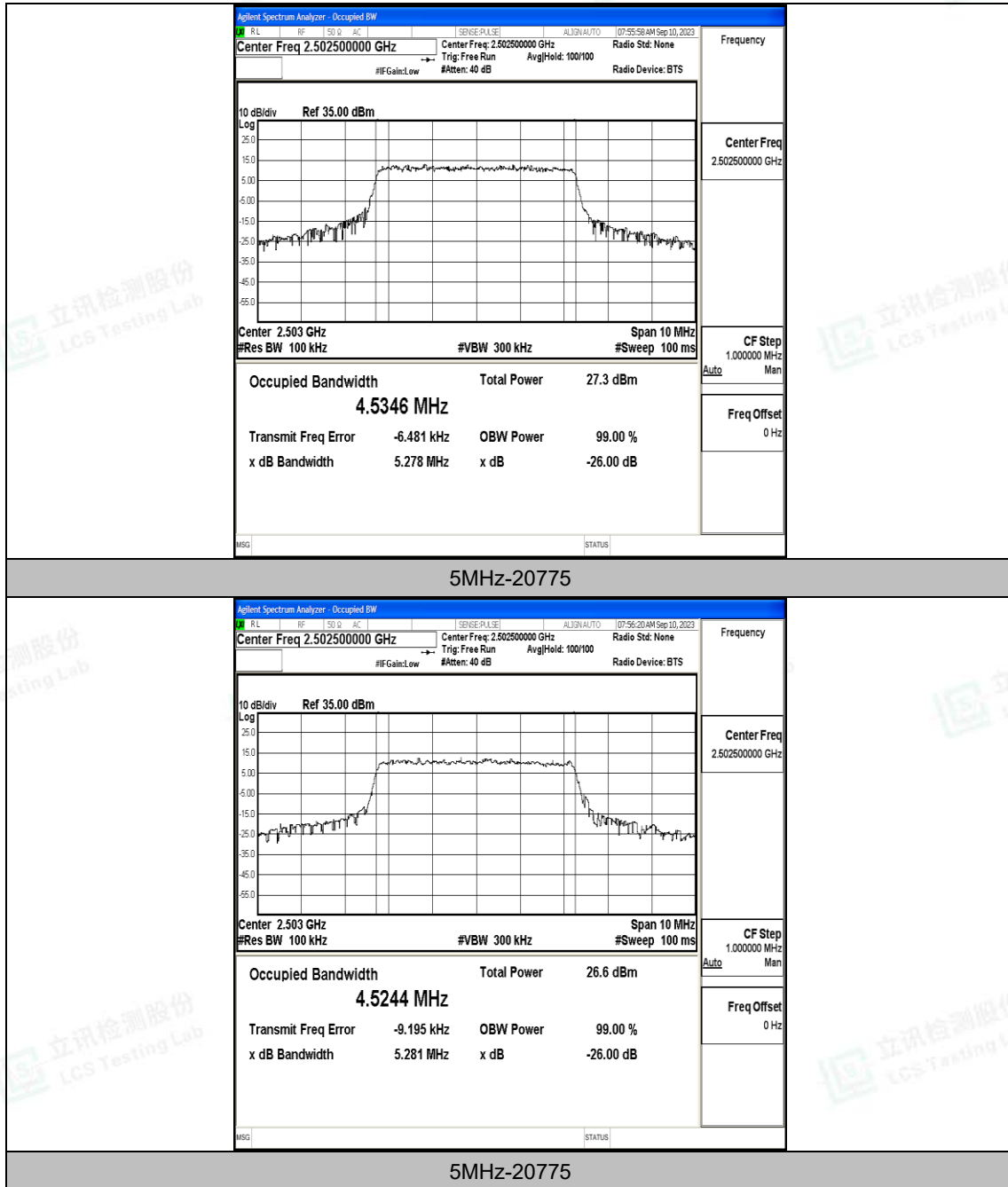
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

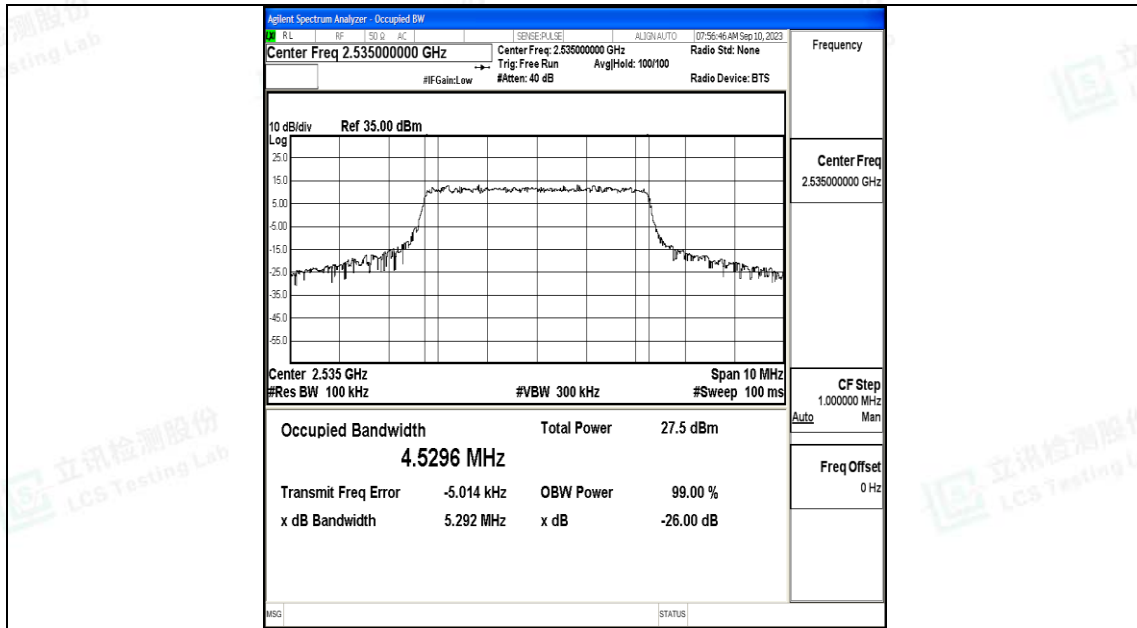
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

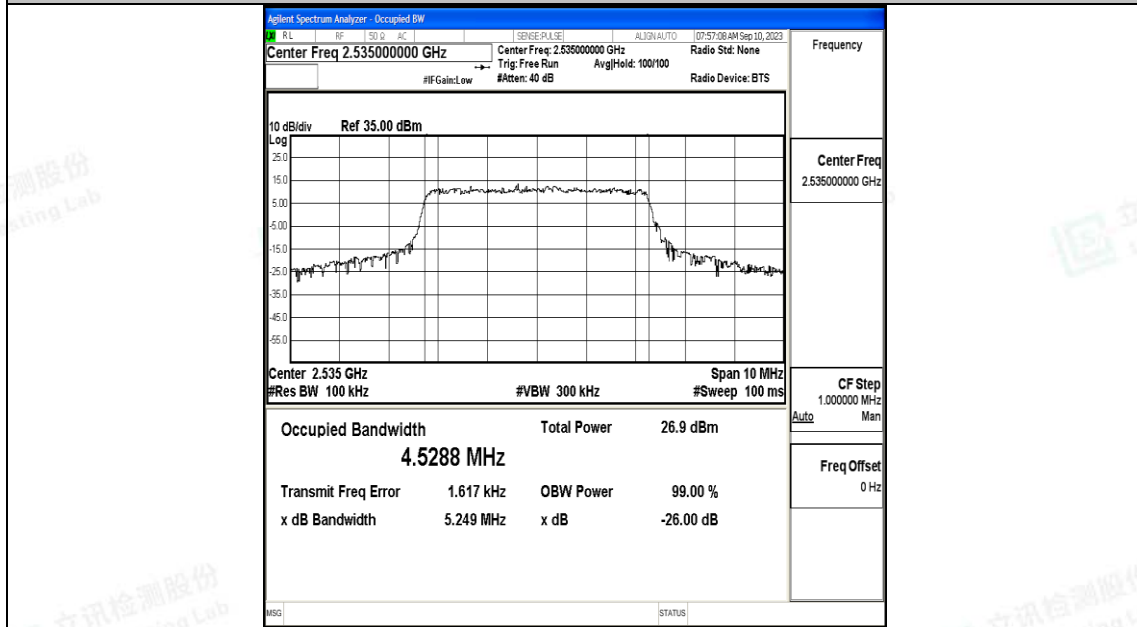


Test Graphs



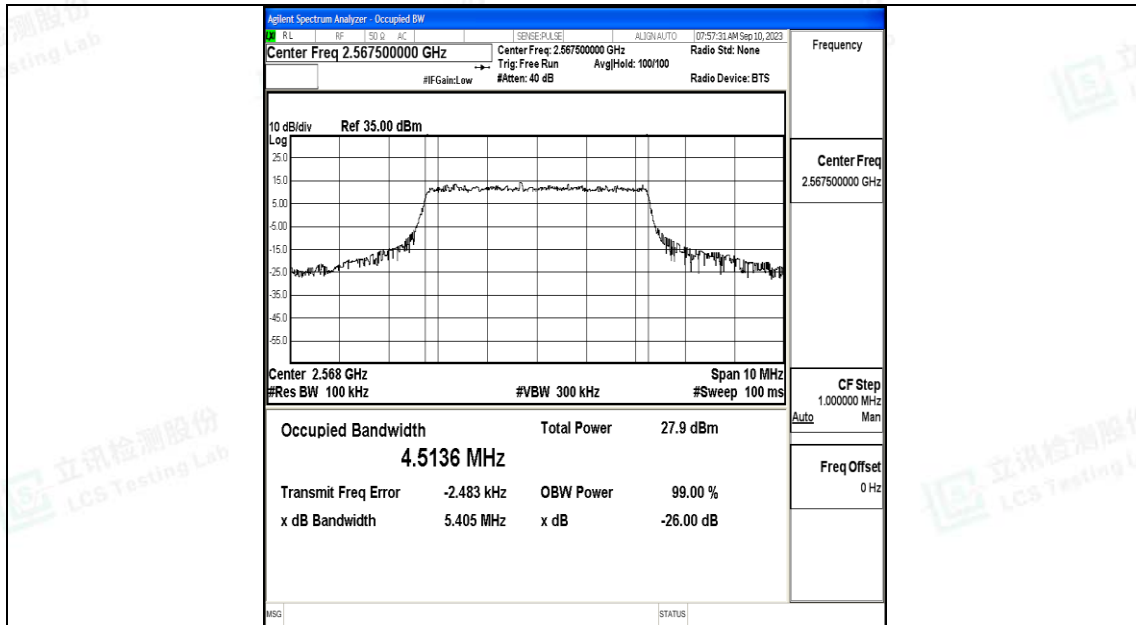


5MHz-21100

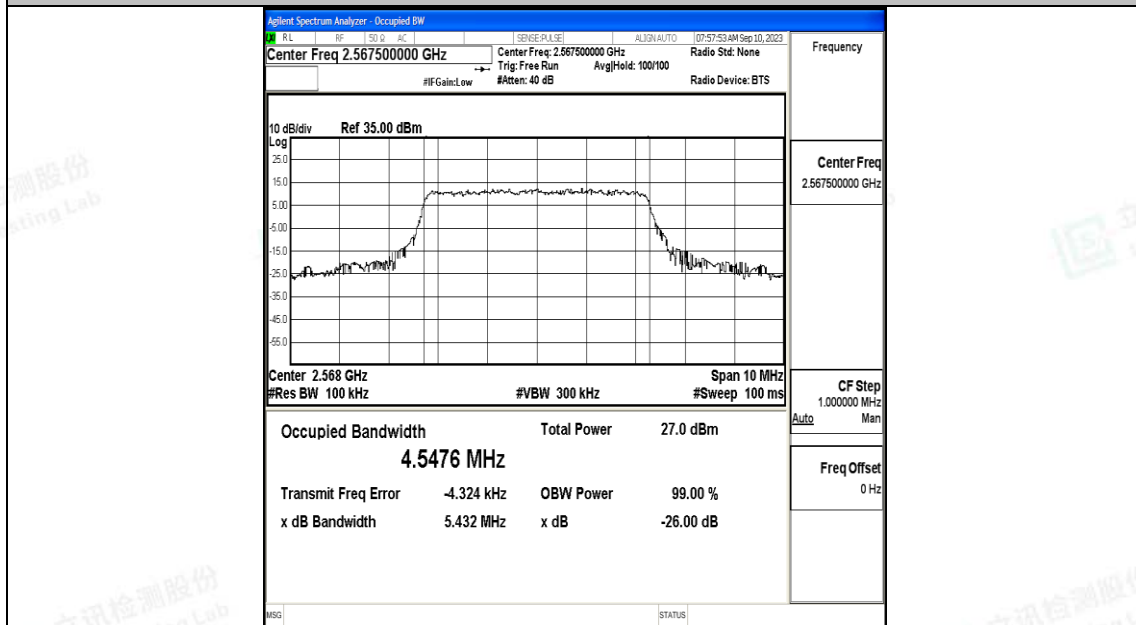


5MHz-21100



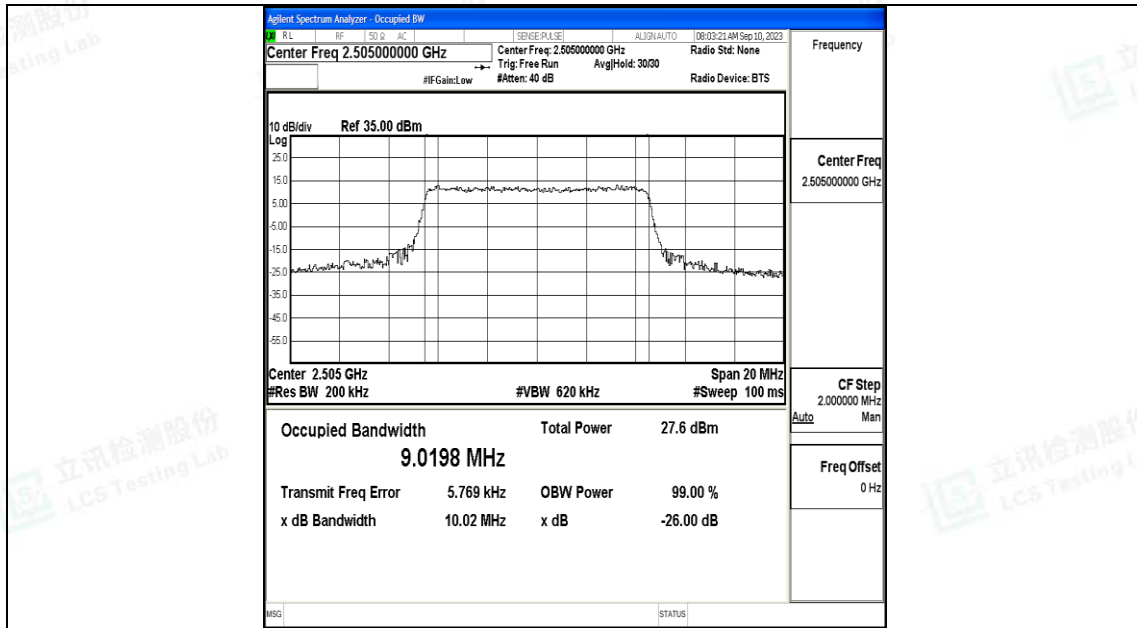


5MHz-21425

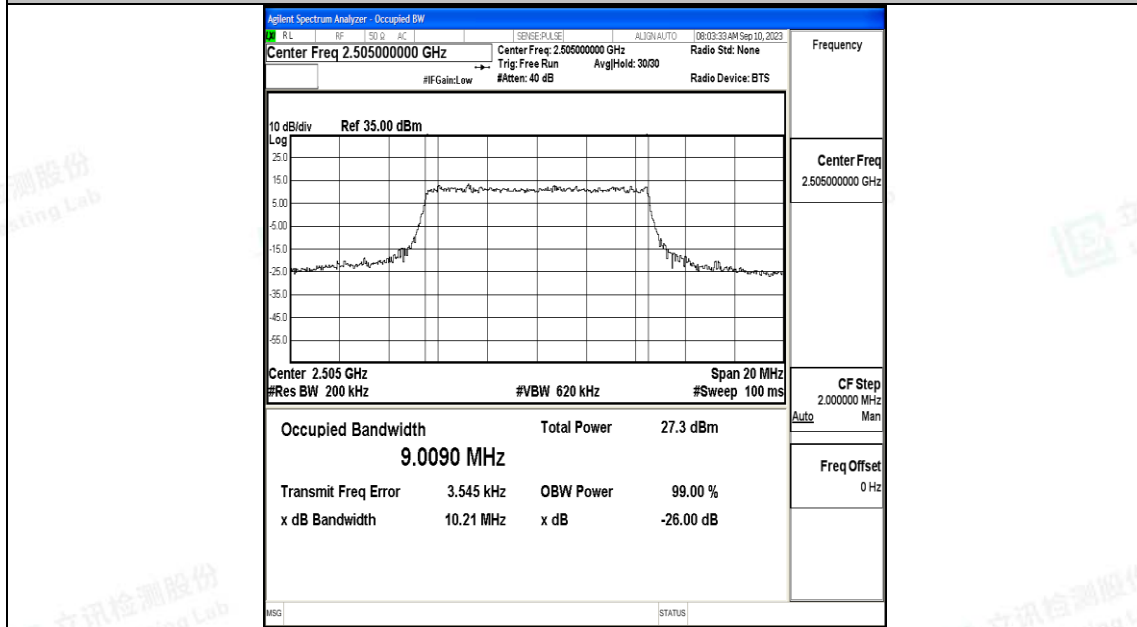


5MHz-21425



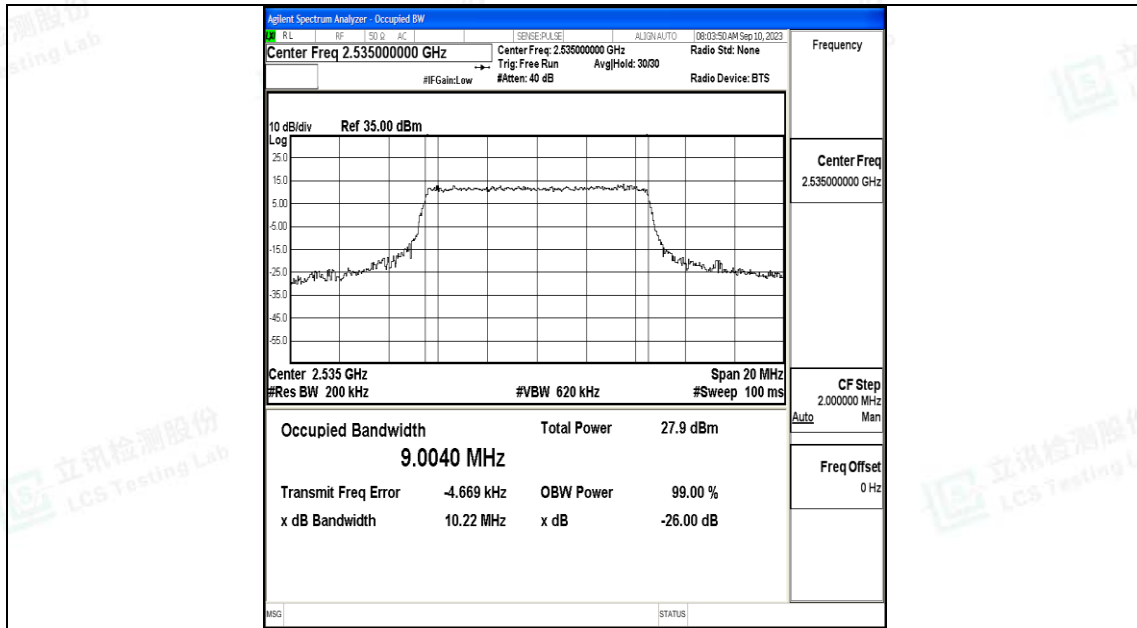


10MHz-20800

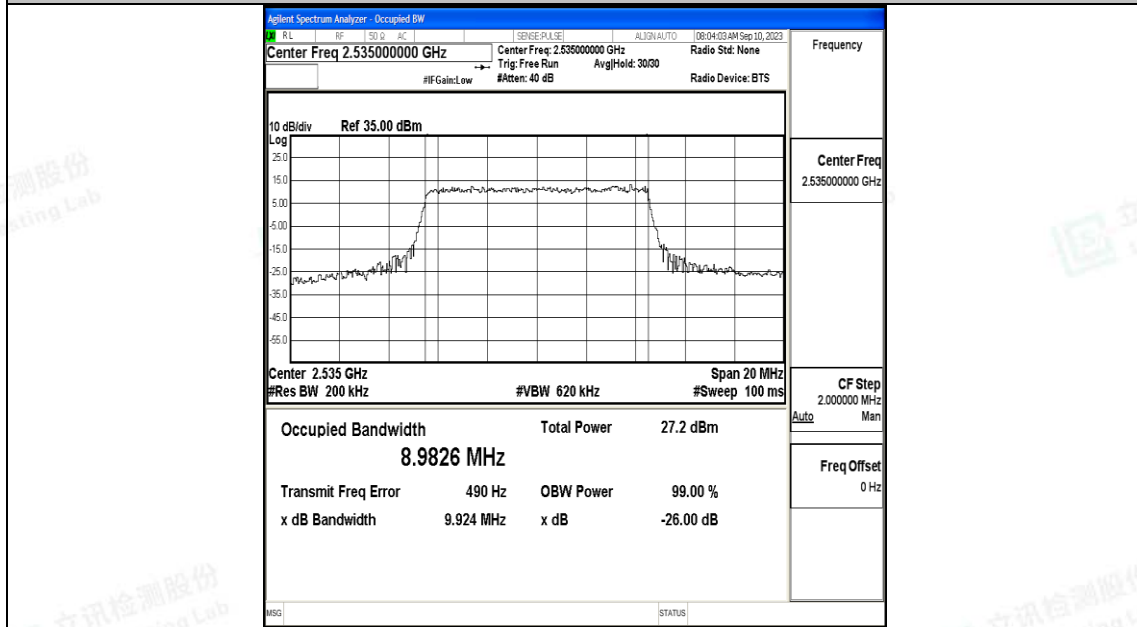


10MHz-20800



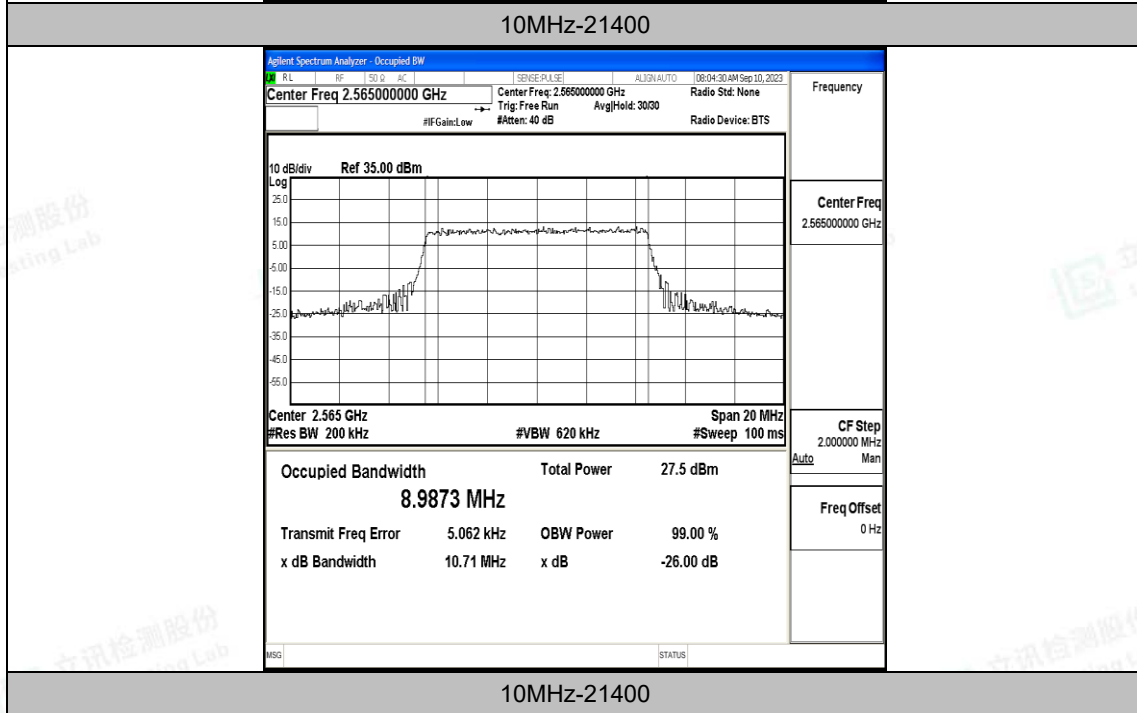
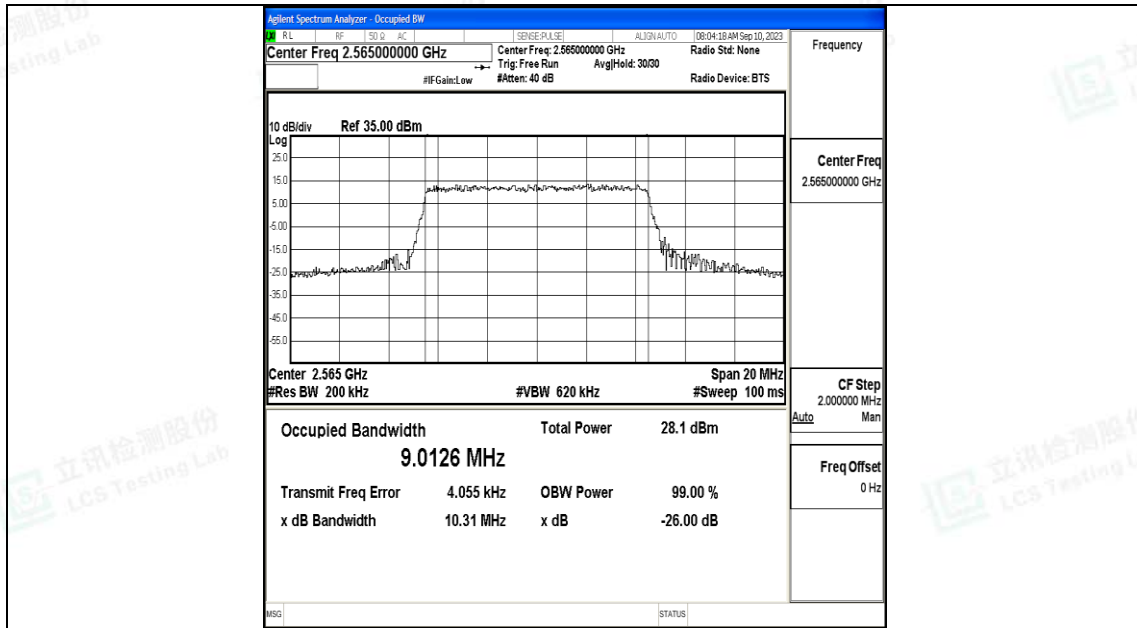


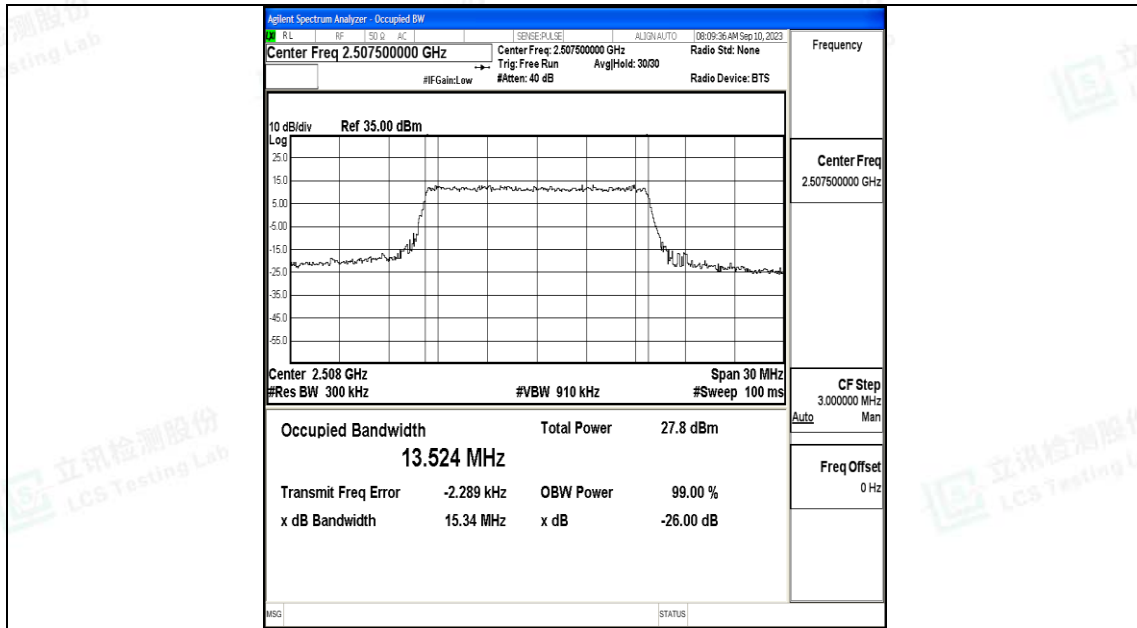
10MHz-21100



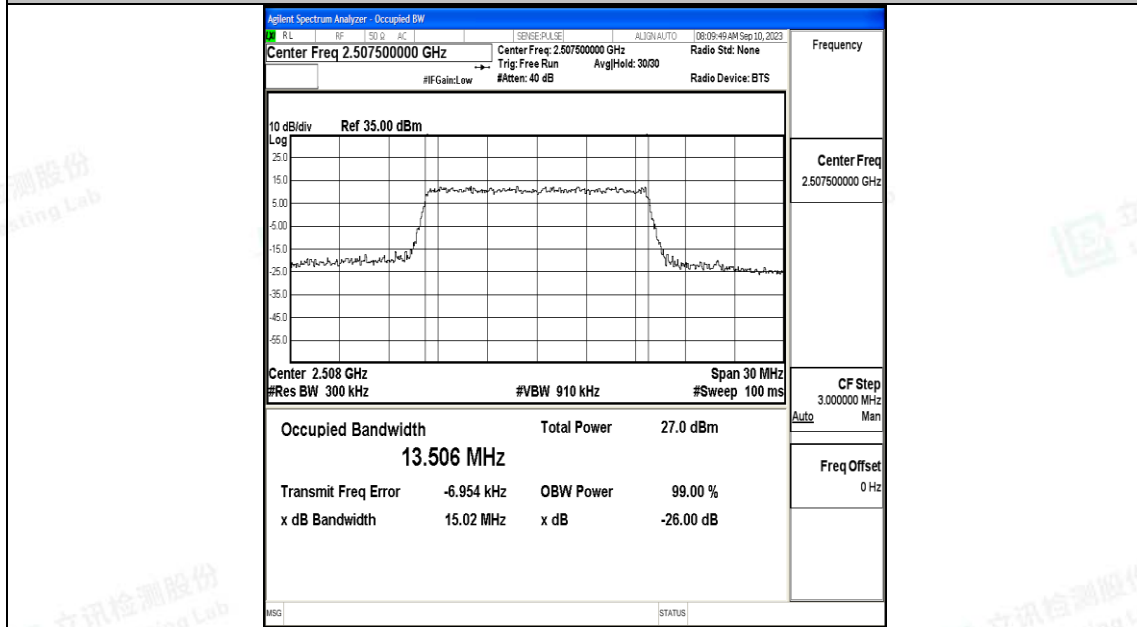
10MHz-21100





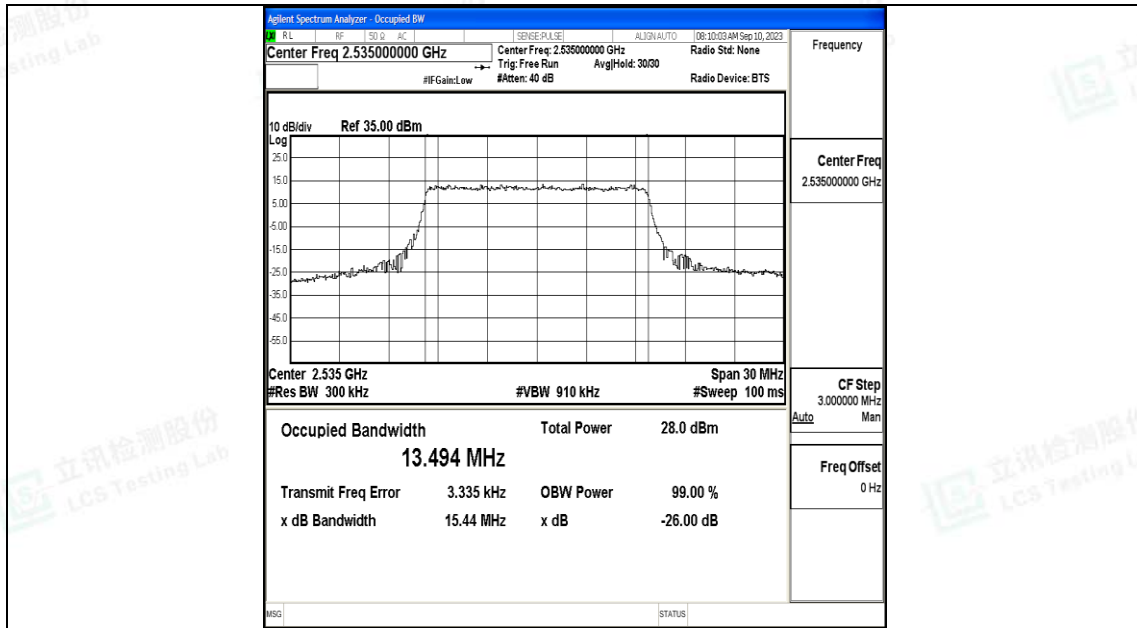


15MHz-20825

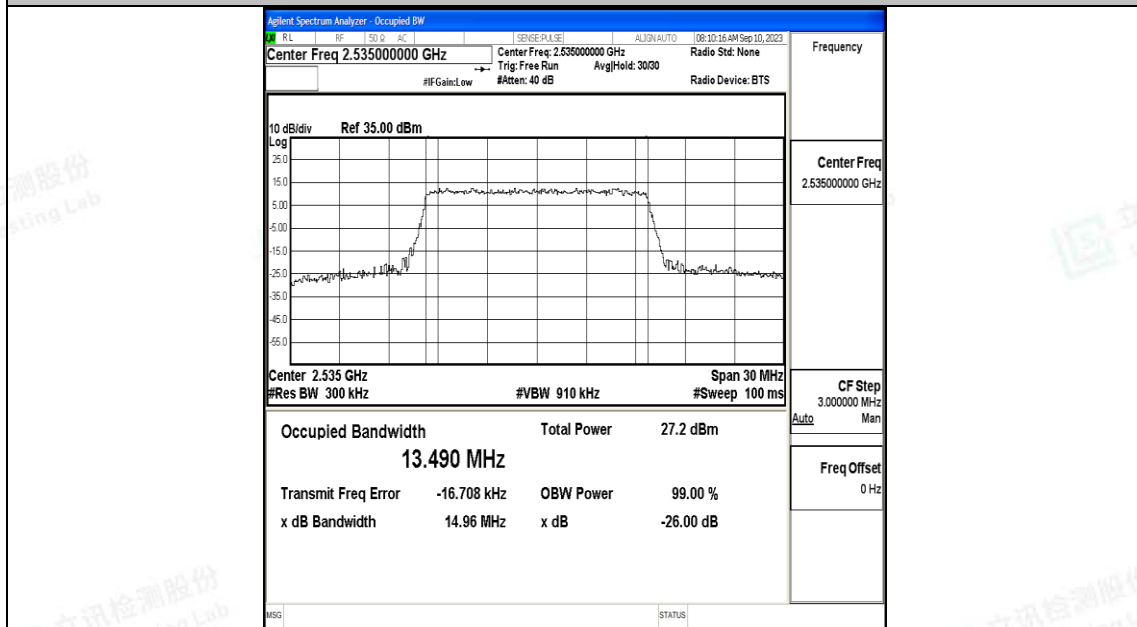


15MHz-20825



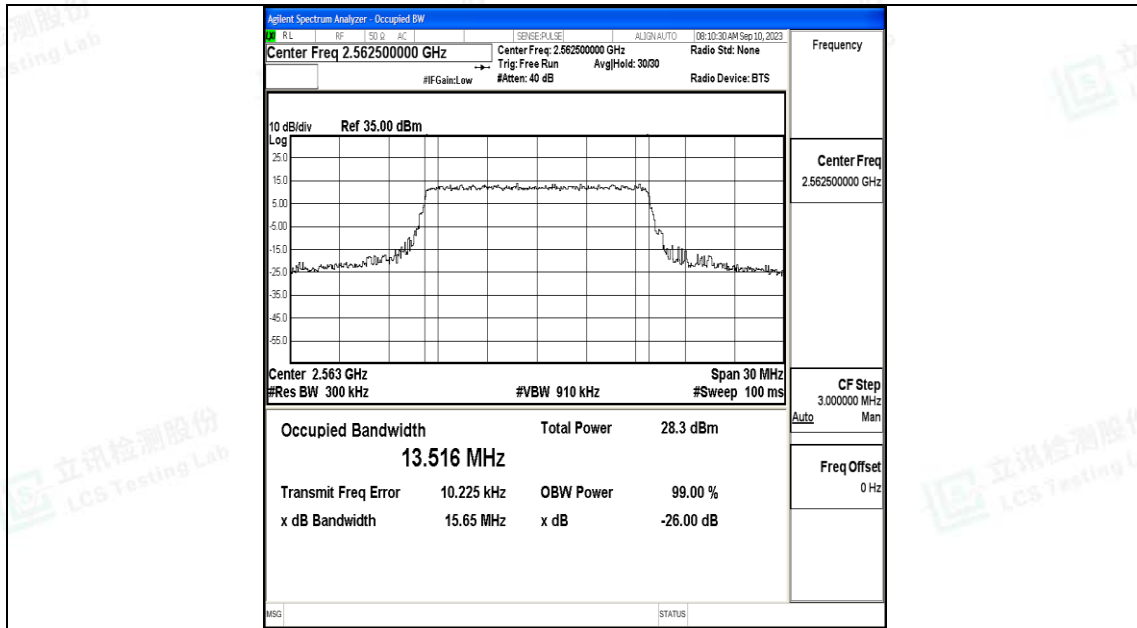


15MHz-21100

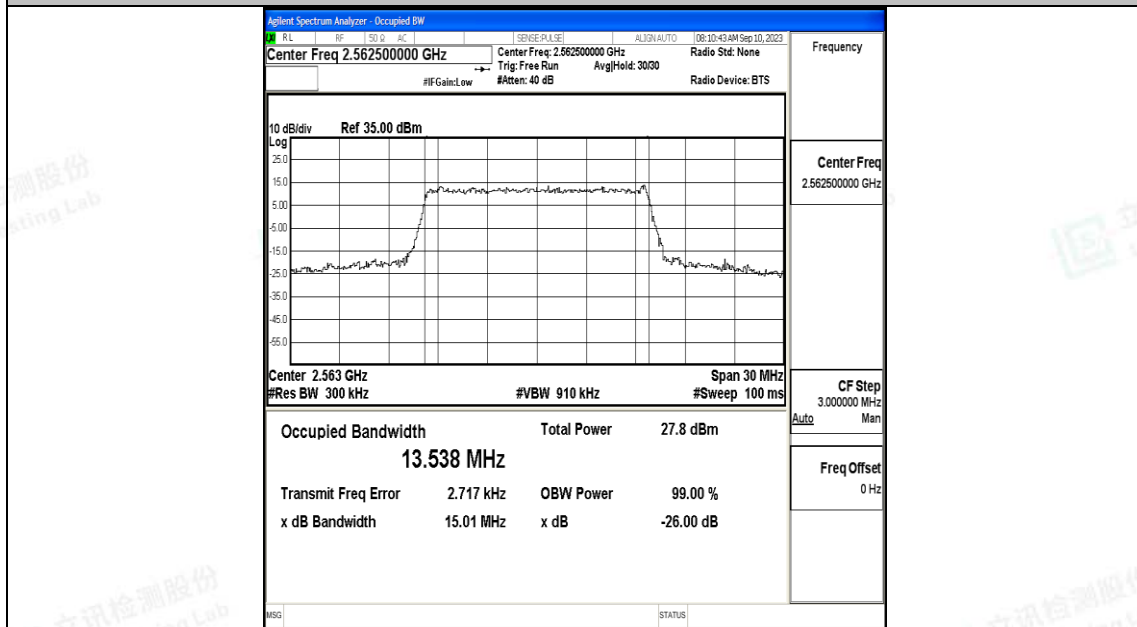


15MHz-21100



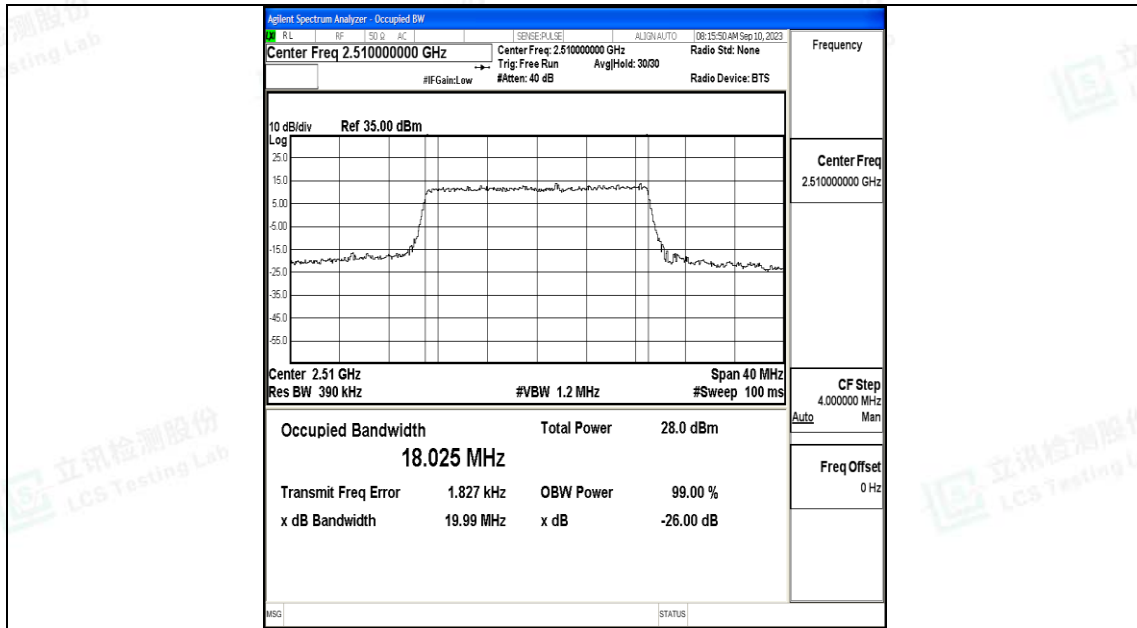


15MHz-21375

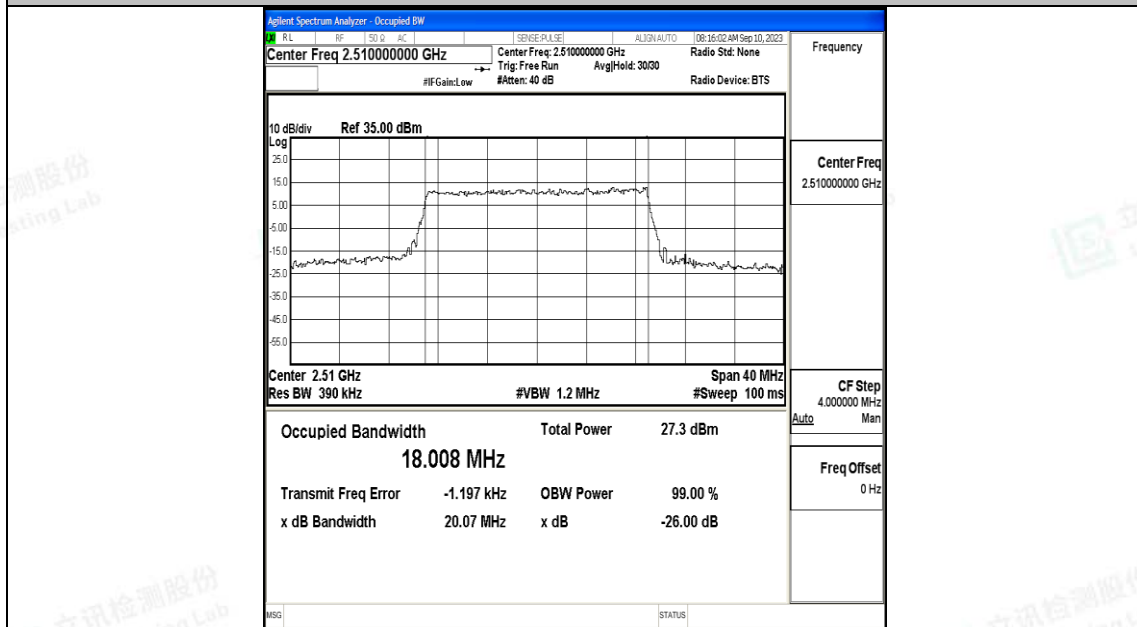


15MHz-21375



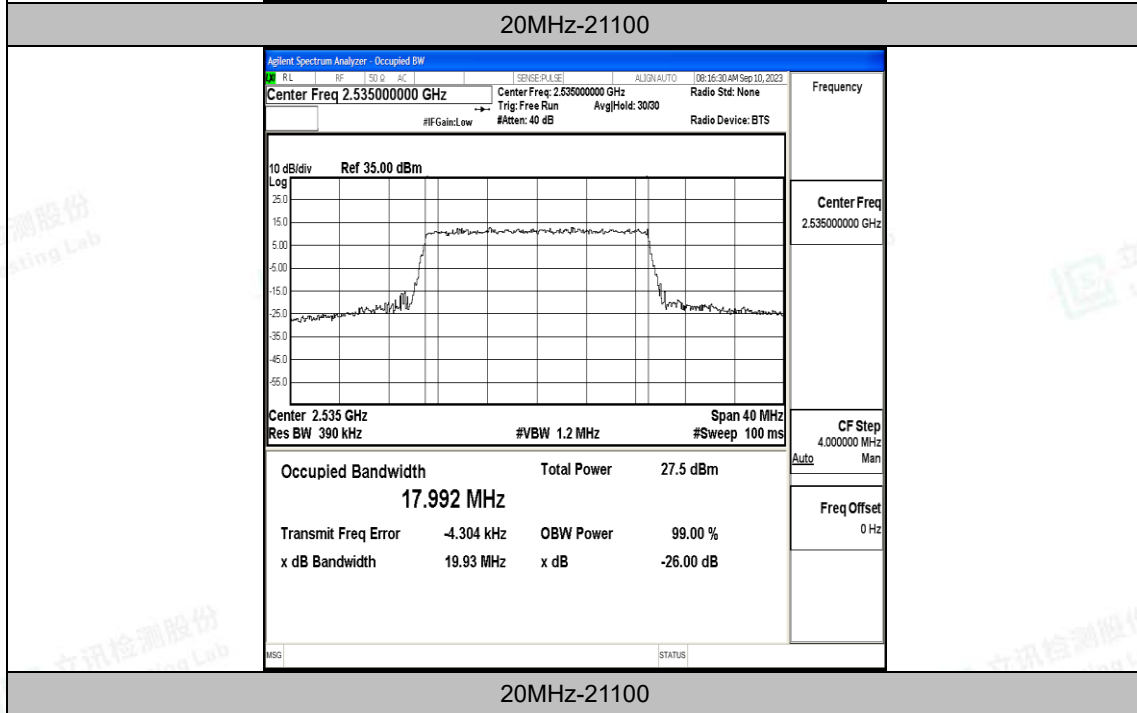
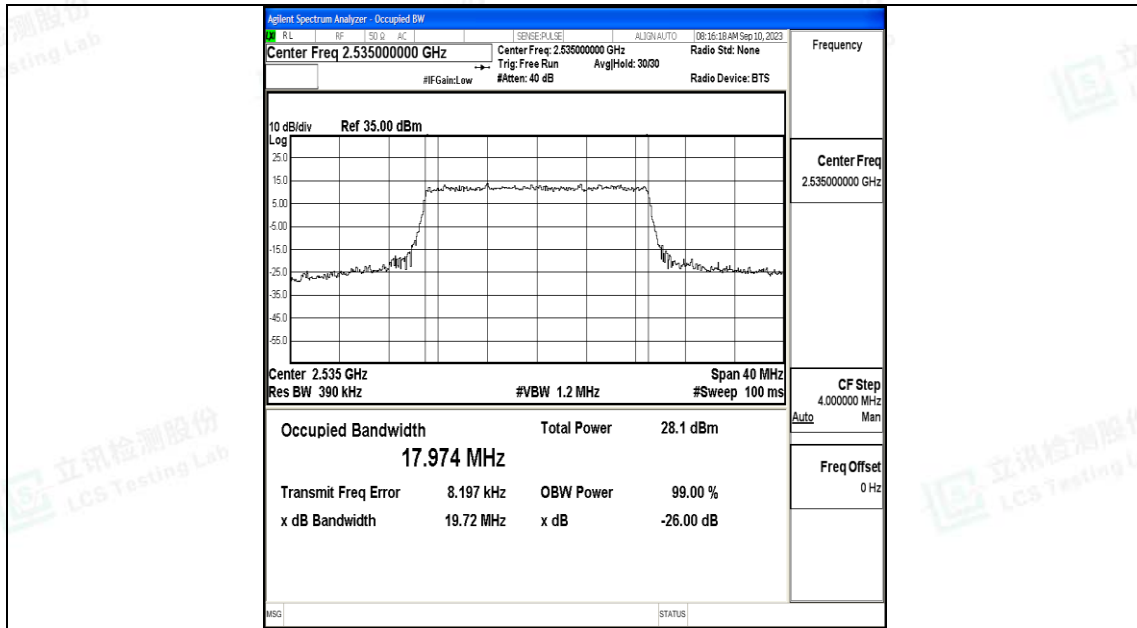


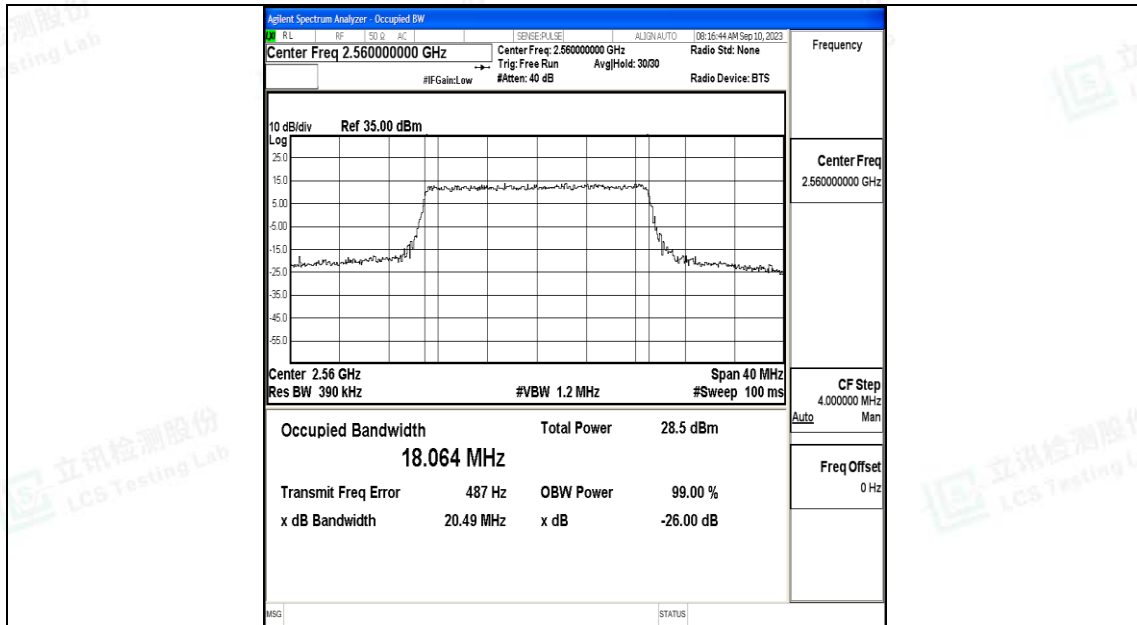
20MHz-20850



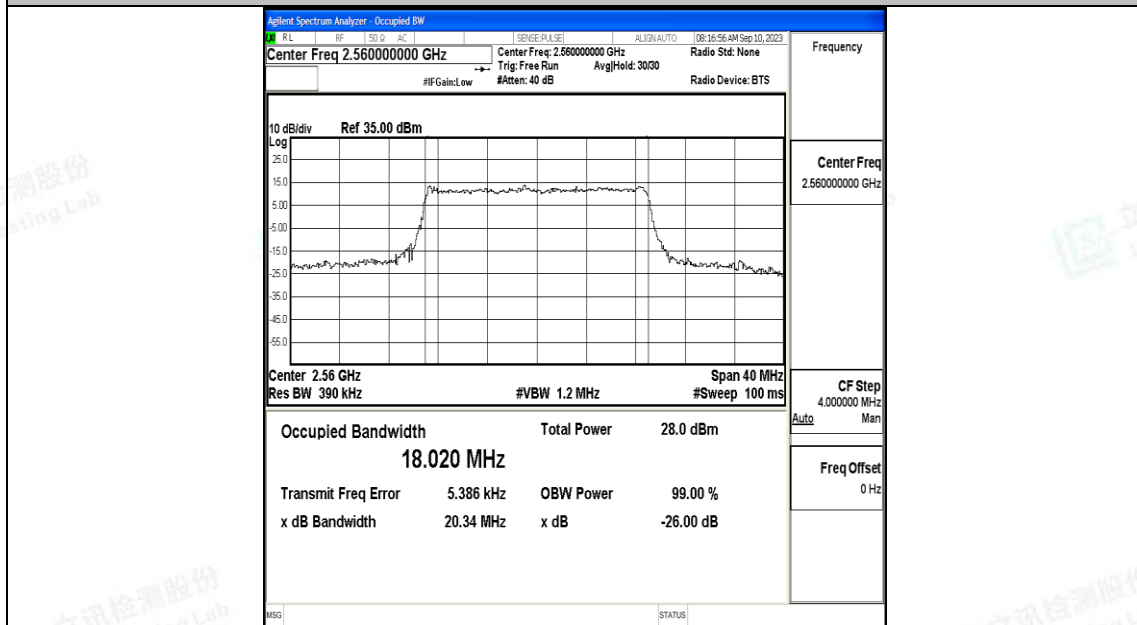
20MHz-20850







20MHz-21350



20MHz-21350



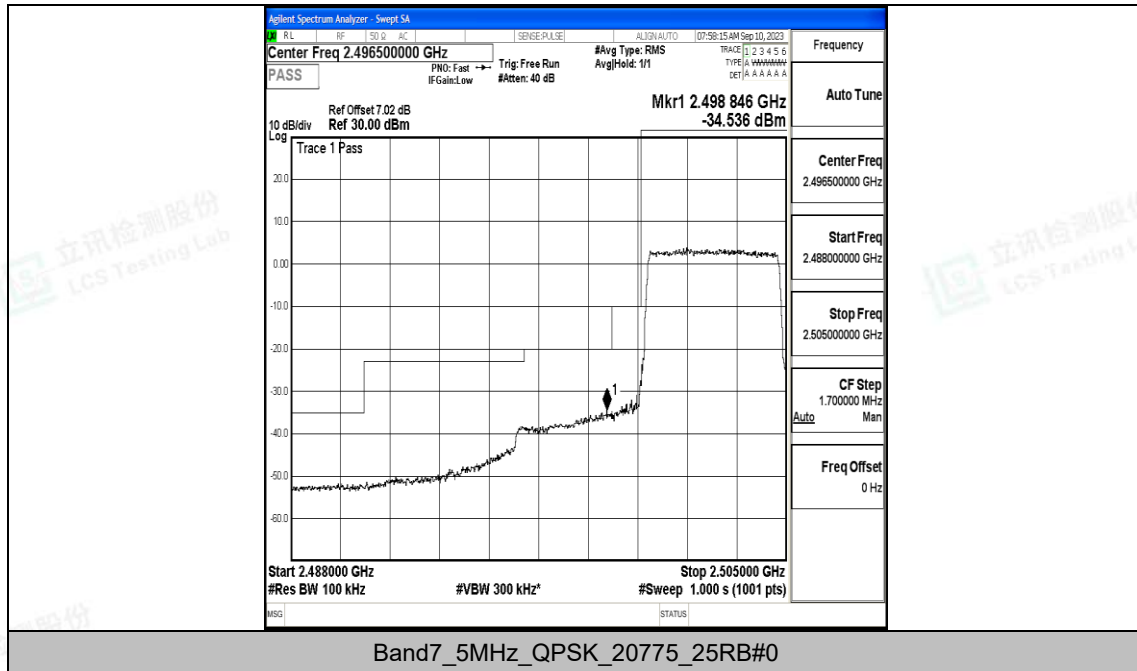


I.4 Band Edge

Test Result

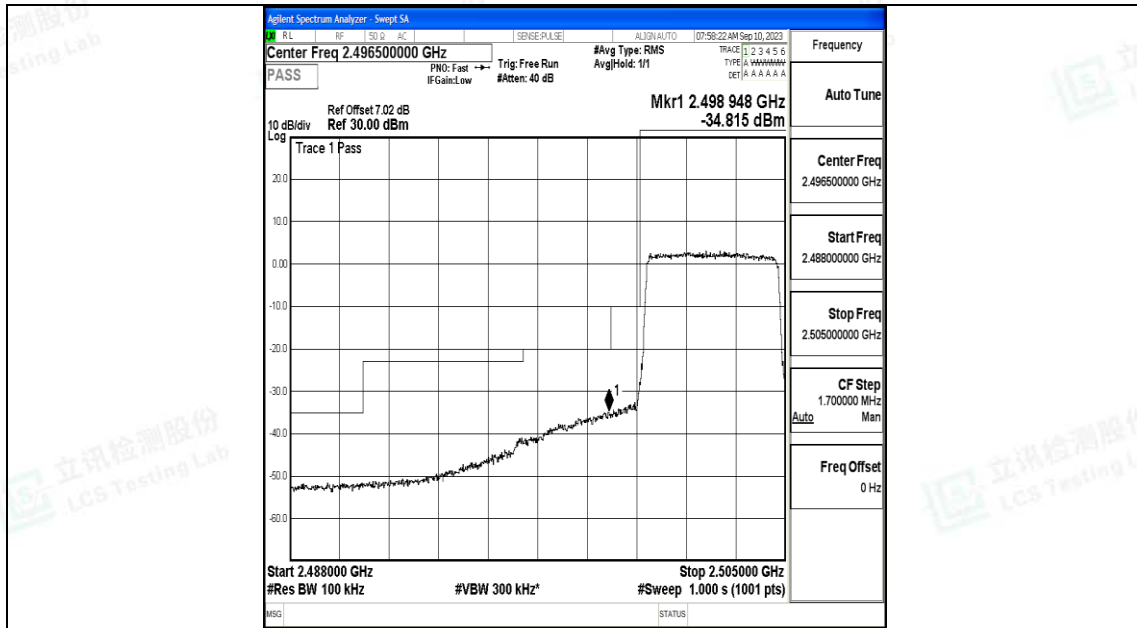
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2498.85	-34.54	PASS
Band7	5MHz	16QAM	20775	25RB#0	2498.95	-34.82	PASS
Band7	5MHz	QPSK	21425	25RB#0	2576.04	-44.62	PASS
Band7	5MHz	16QAM	21425	25RB#0	2576.03	-44.13	PASS
Band7	10MHz	QPSK	20800	50RB#0	2489.98	-43.61	PASS
Band7	10MHz	16QAM	20800	50RB#0	2489.88	-43.56	PASS
Band7	10MHz	QPSK	21400	50RB#0	2580.10	-43.13	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.15	-41.99	PASS
Band7	15MHz	QPSK	20825	75RB#0	2493.69	-28.55	PASS
Band7	15MHz	16QAM	20825	75RB#0	2493.58	-29.71	PASS
Band7	15MHz	QPSK	21375	75RB#0	2585.21	-42.42	PASS
Band7	15MHz	16QAM	21375	75RB#0	2585.31	-41.51	PASS
Band7	20MHz	QPSK	20850	100RB#0	2493.27	-28.92	PASS
Band7	20MHz	16QAM	20850	100RB#0	2494.53	-29.45	PASS
Band7	20MHz	QPSK	21350	100RB#0	2590.32	-44.78	PASS
Band7	20MHz	16QAM	21350	100RB#0	2590.01	-43.98	PASS

Test Graphs

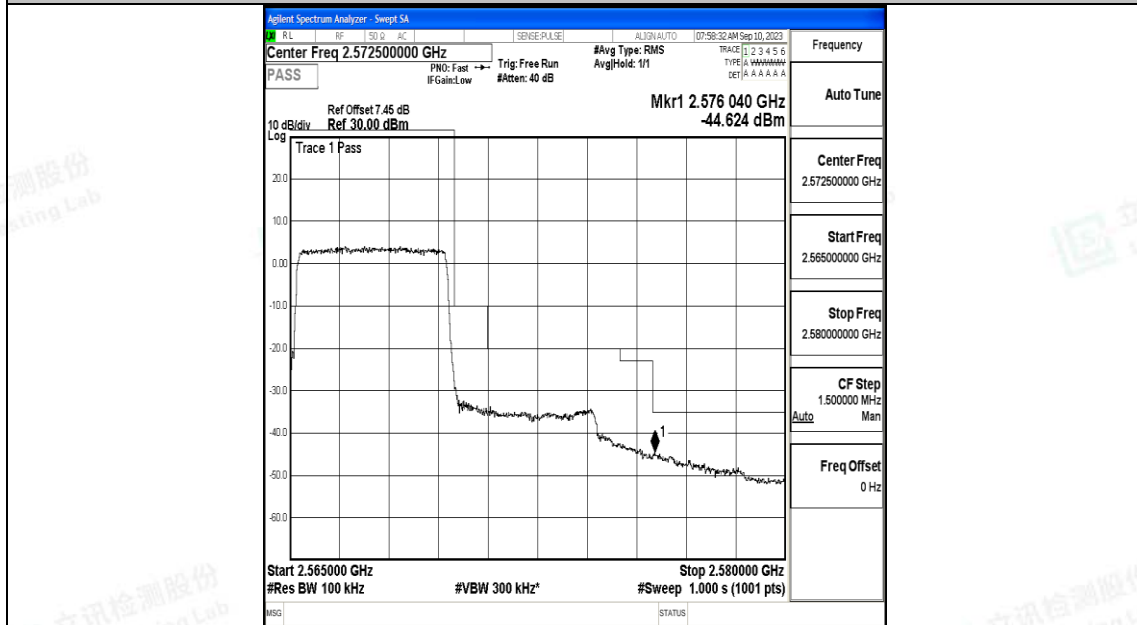


Band7_5MHz_QPSK_20775_25RB#0



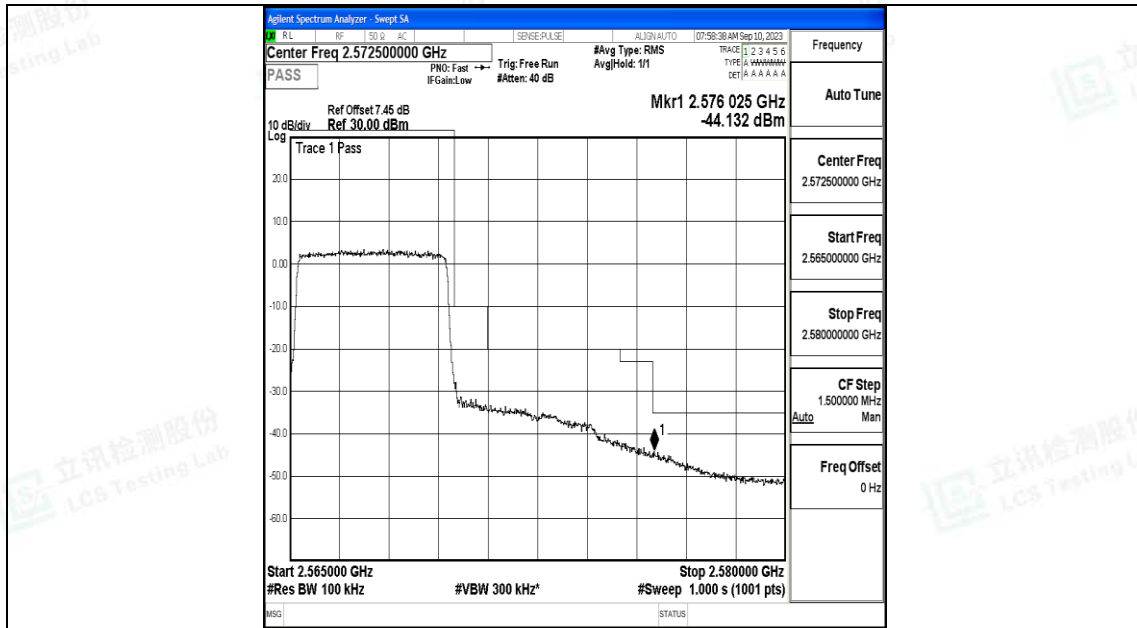


Band7_5MHz_16QAM_20775_25RB#0

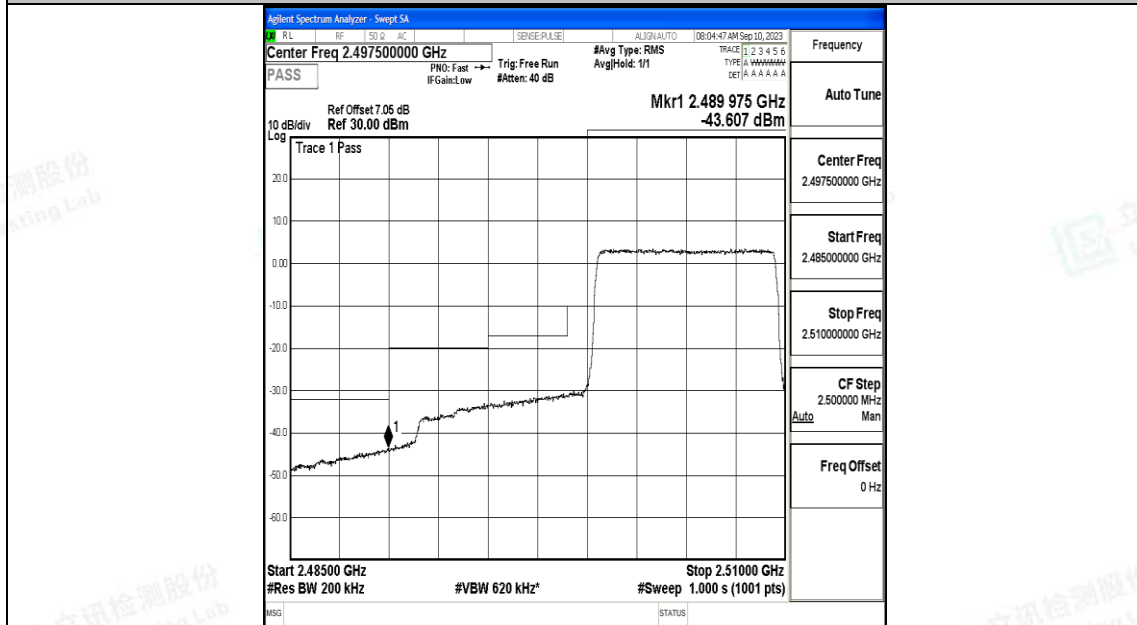


Band7_5MHz_QPSK_21425_25RB#0



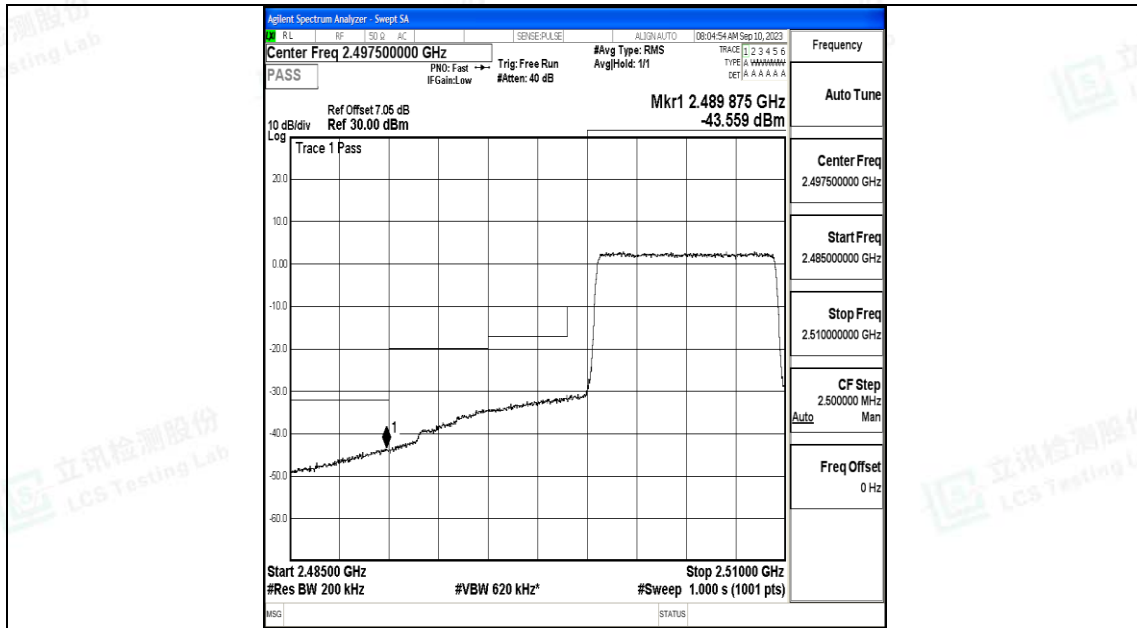


Band7_5MHz_16QAM_21425_25RB#0

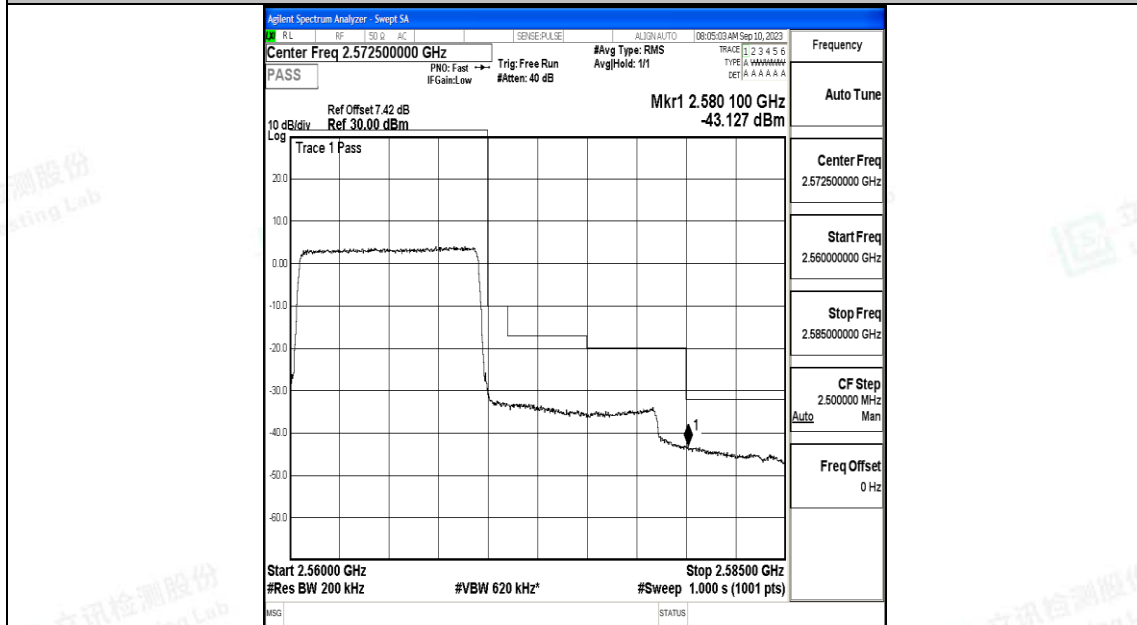


Band7_10MHz_QPSK_20800_50RB#0



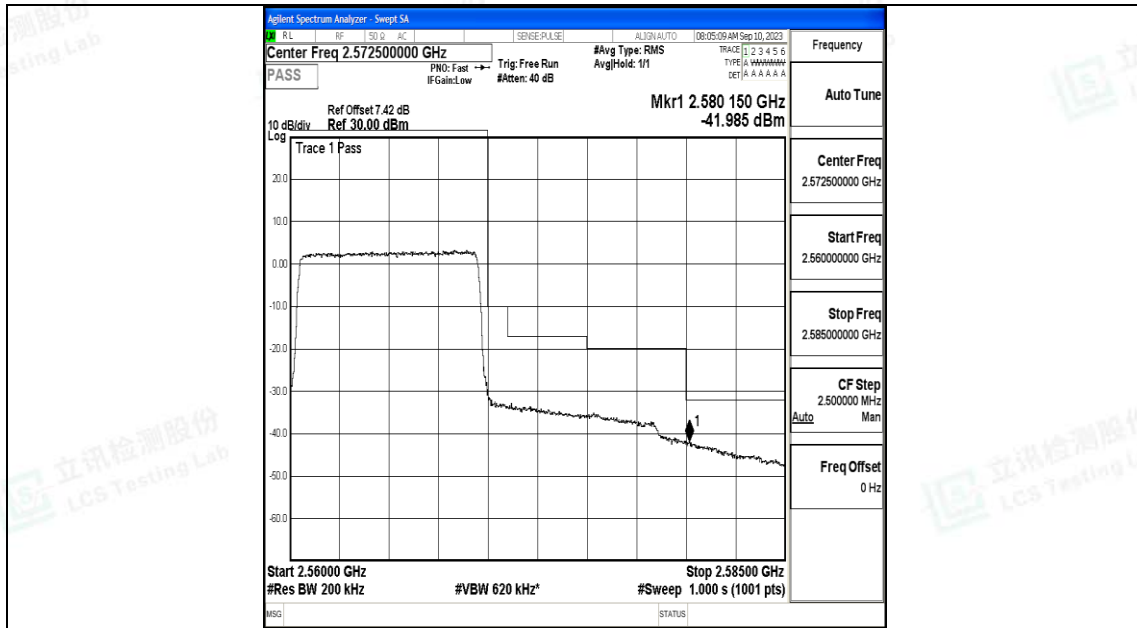


Band7_10MHz_16QAM_20800_50RB#0

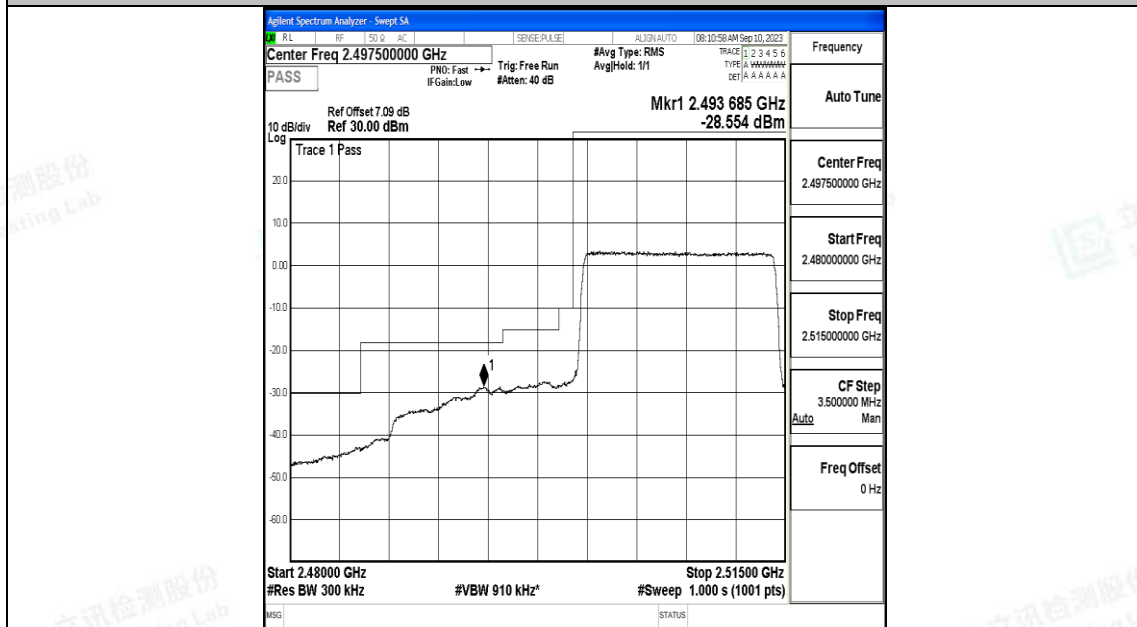


Band7_10MHz_QPSK_21400_50RB#0



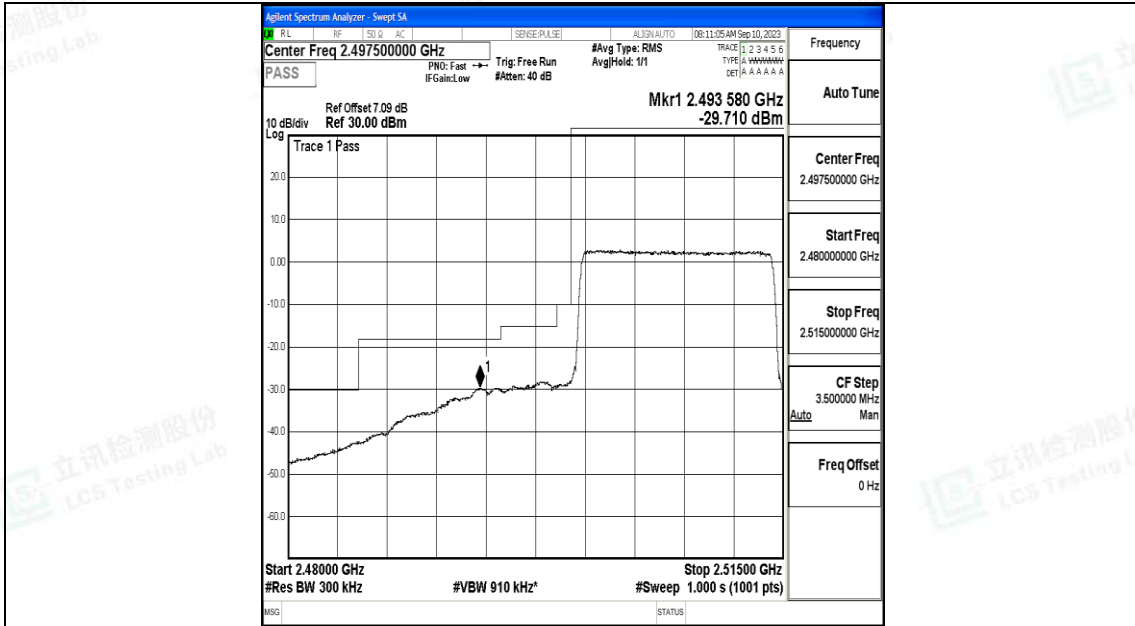


Band7_10MHz_16QAM_21400_50RB#0

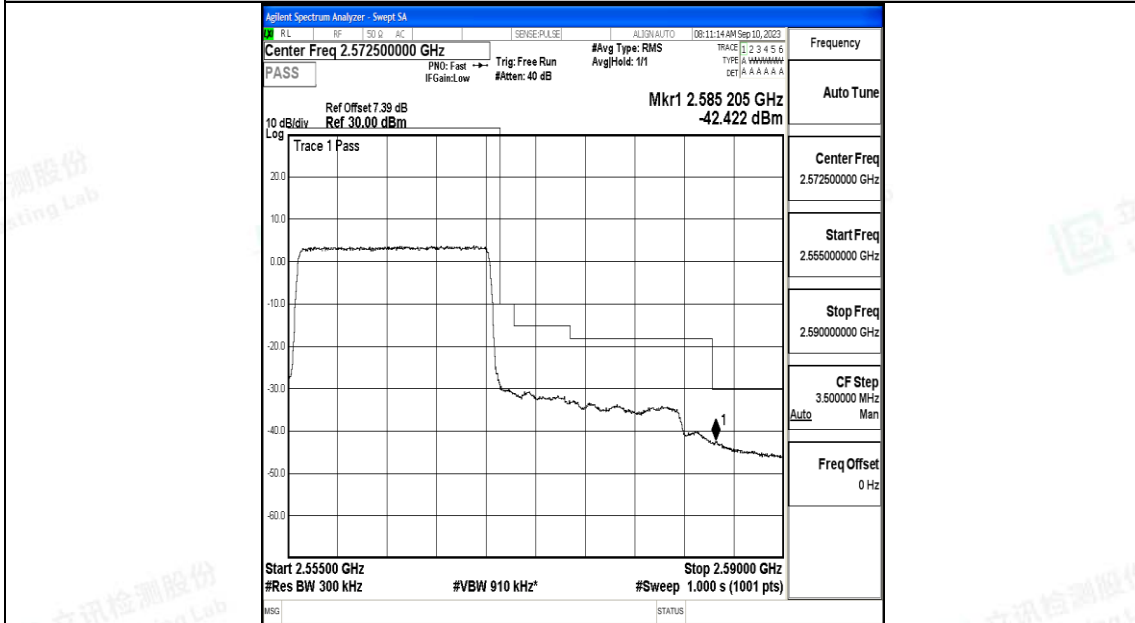


Band7_15MHz_QPSK_20825_75RB#0



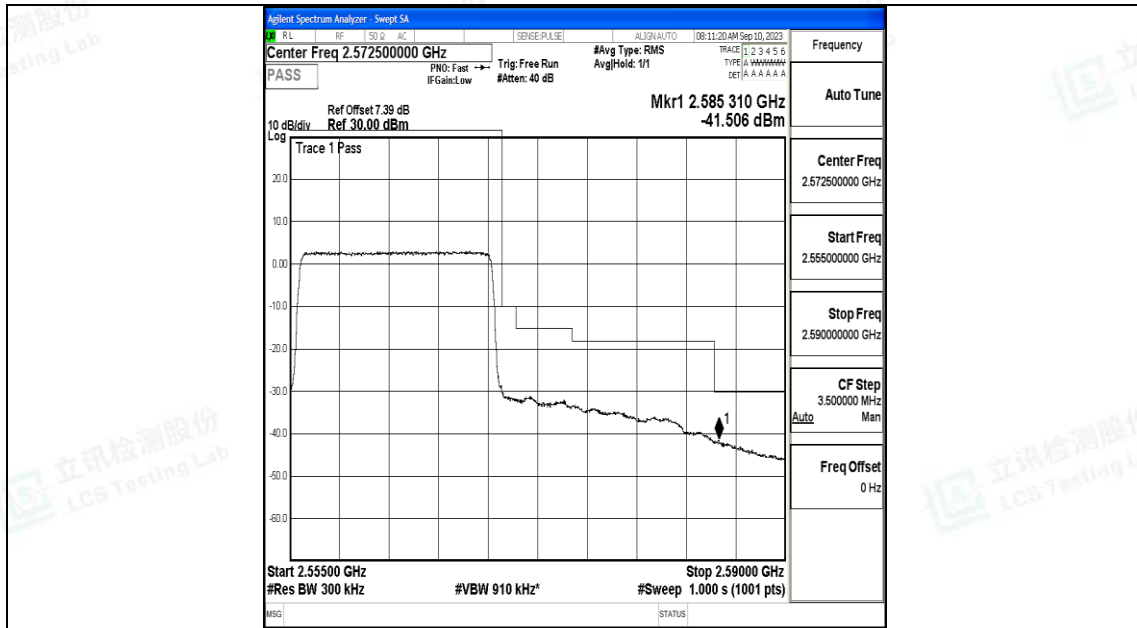


Band7_15MHz_16QAM_20825_75RB#0

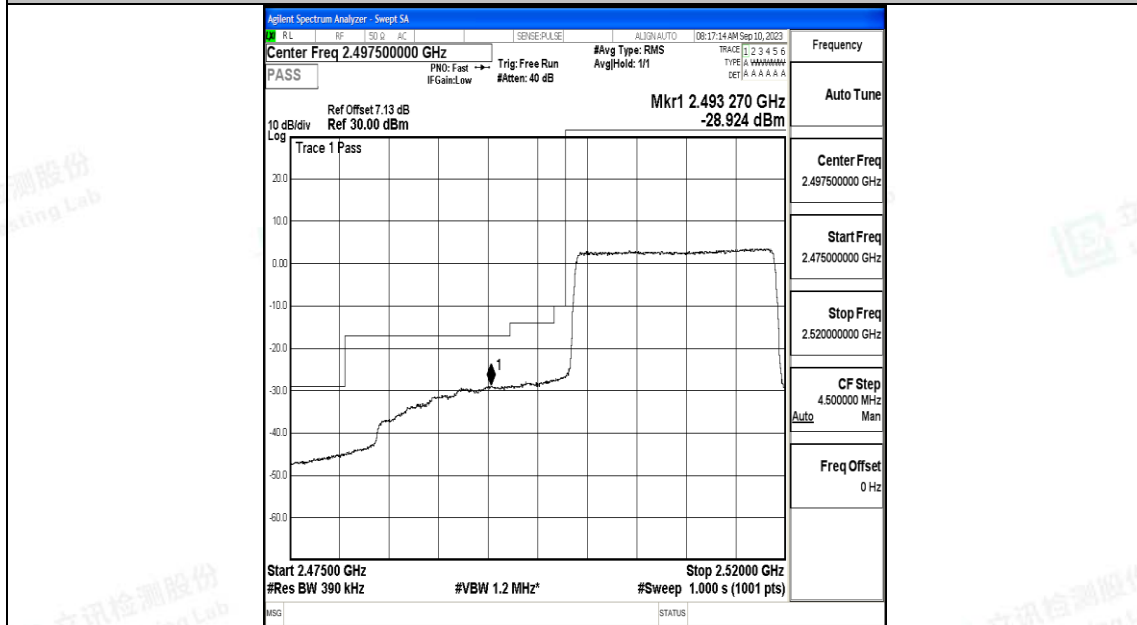


Band7_15MHz_QPSK_21375_75RB#0



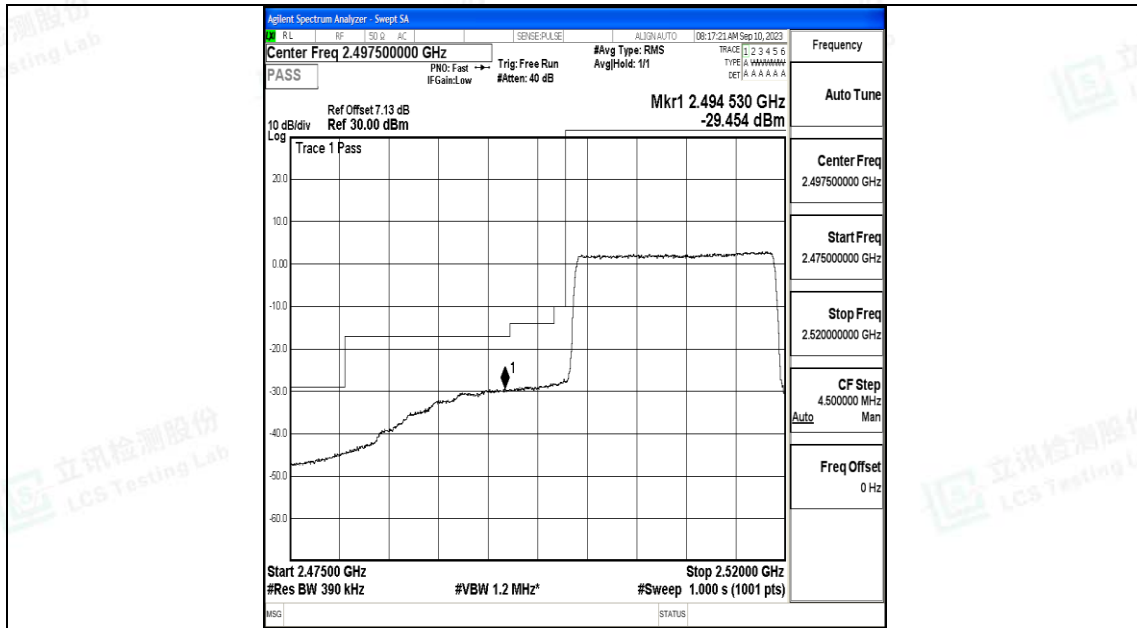


Band7_15MHz_16QAM_21375_75RB#0

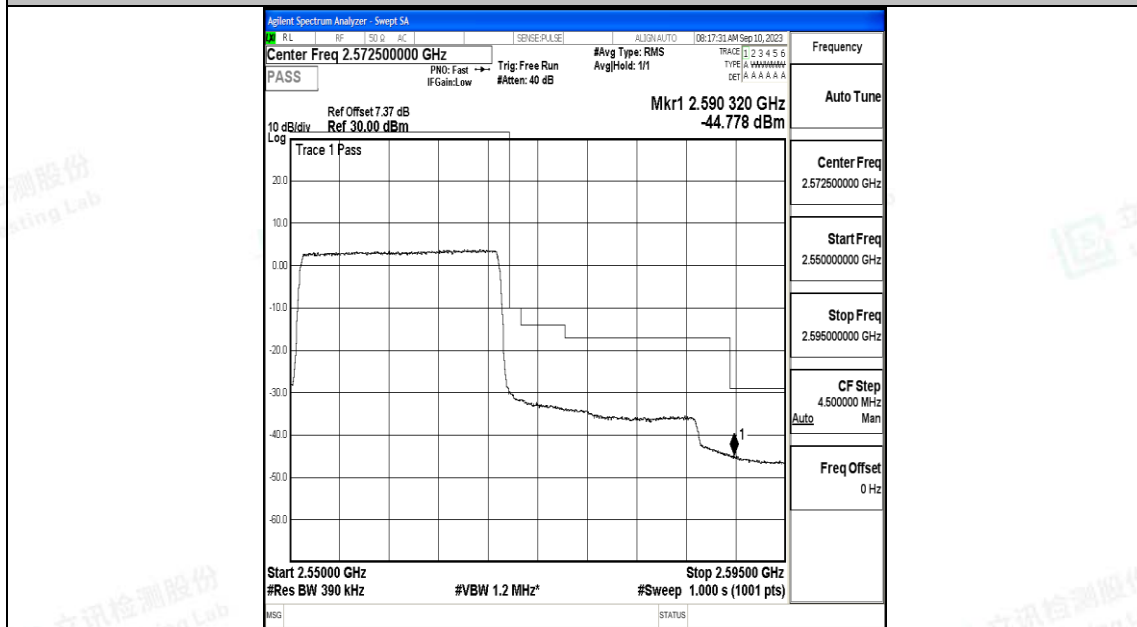


Band7_20MHz_QPSK_20850_100RB#0



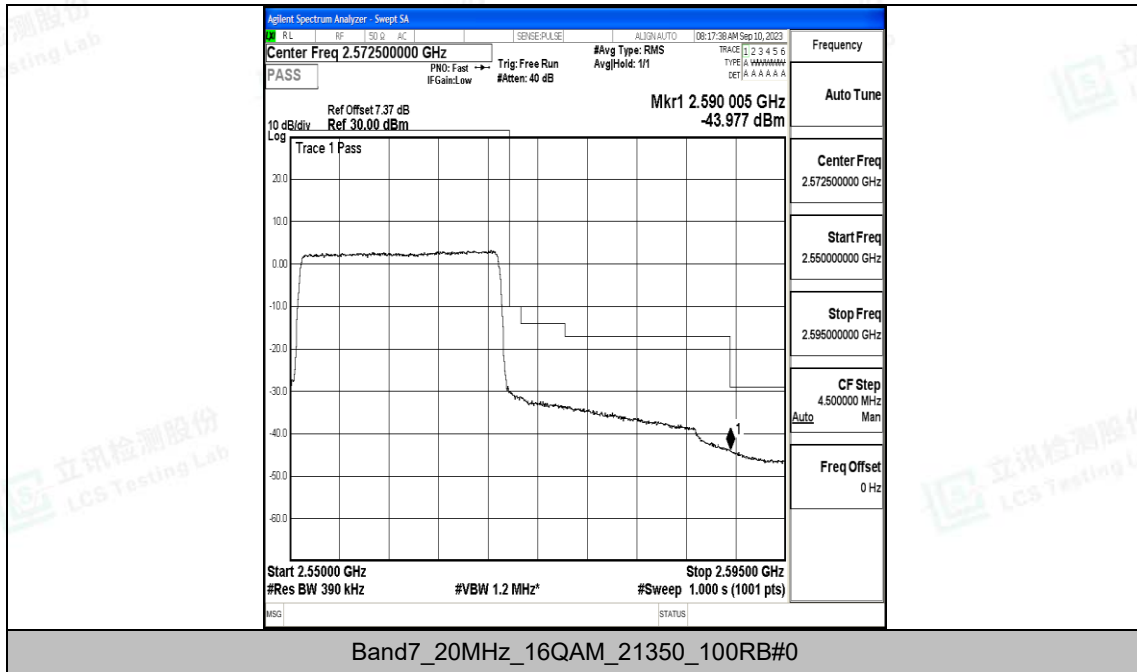


Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_QPSK_21350_100RB#0







1.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-69.83	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-51.95	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-54.63	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	-34.64	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-47.07	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-66.43	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-53.25	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-54.78	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	-34.80	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	-47.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-67.67	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-55.61	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-54.55	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	-34.95	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-46.95	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-68.91	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-53.17	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-54.70	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	-34.57	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	-46.71	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-70.02	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-52.88	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-54.72	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	-35.02	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-47.03	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-69.84	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-55.10	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-54.66	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	-34.85	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	-46.81	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-68.75	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-53.55	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-54.62	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	-34.93	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-47.04	PASS





Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-68.62	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-55.39	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	-54.66	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	-34.28	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	-46.62	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-69.90	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-54.79	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-54.63	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	-34.62	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-47.10	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-70.19	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-52.38	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-54.57	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	-34.51	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	-46.83	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-65.94	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-51.93	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-54.69	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	-35.09	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-47.12	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	-70.55	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-53.76	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-54.72	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	-34.14	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	-47.18	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	-64.09	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	-54.63	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-54.74	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	-34.81	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-46.96	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	-70.20	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	-55.53	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	-54.72	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	-35.13	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	-46.87	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	-68.76	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	-51.85	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-54.65	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	-34.89	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-46.58	PASS





Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	-70.05	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	-53.06	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	-54.73	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~20000	-35.06	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	-46.98	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	-70.92	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	-52.89	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-54.69	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	-34.62	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-47.03	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	-67.96	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	-54.63	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	-54.68	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	-34.68	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	-47.15	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	-69.20	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	-51.52	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-54.62	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	-34.42	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-46.95	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	-70.32	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	-52.61	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-54.69	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	-34.68	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	-47.04	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	-70.94	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	-52.18	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-54.75	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	-34.93	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-47.04	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	-70.17	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	-54.35	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-54.70	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	-34.69	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	-46.61	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	-68.06	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	-53.89	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-54.67	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	-35.19	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-46.93	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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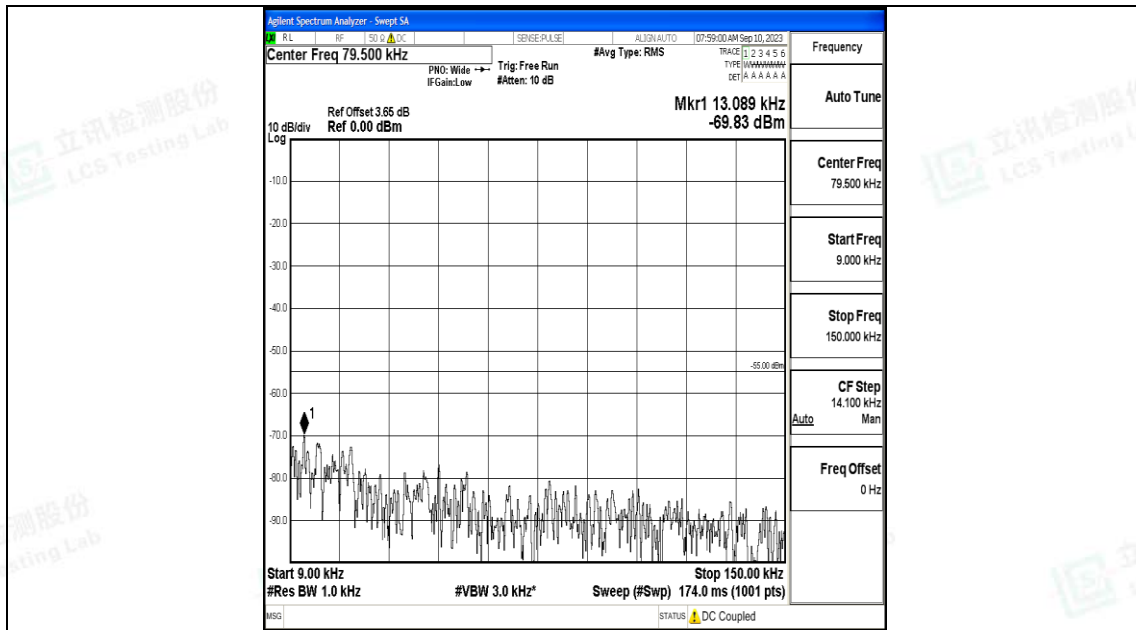
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

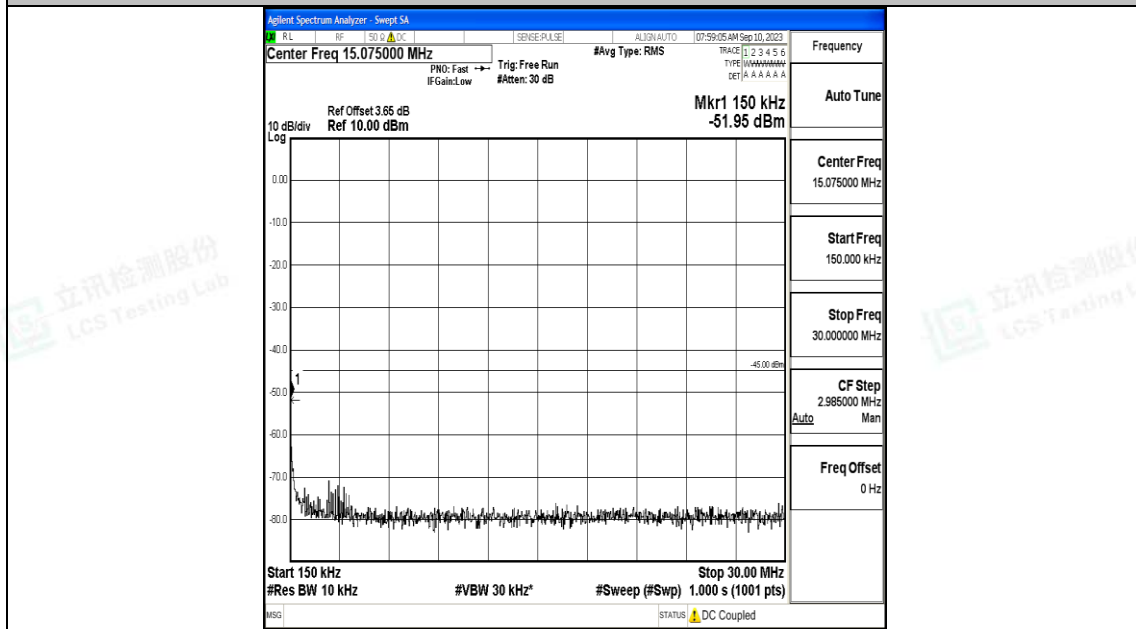


Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	-67.95	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	-53.24	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-54.66	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	-34.64	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	-47.01	PASS

Test Graphs

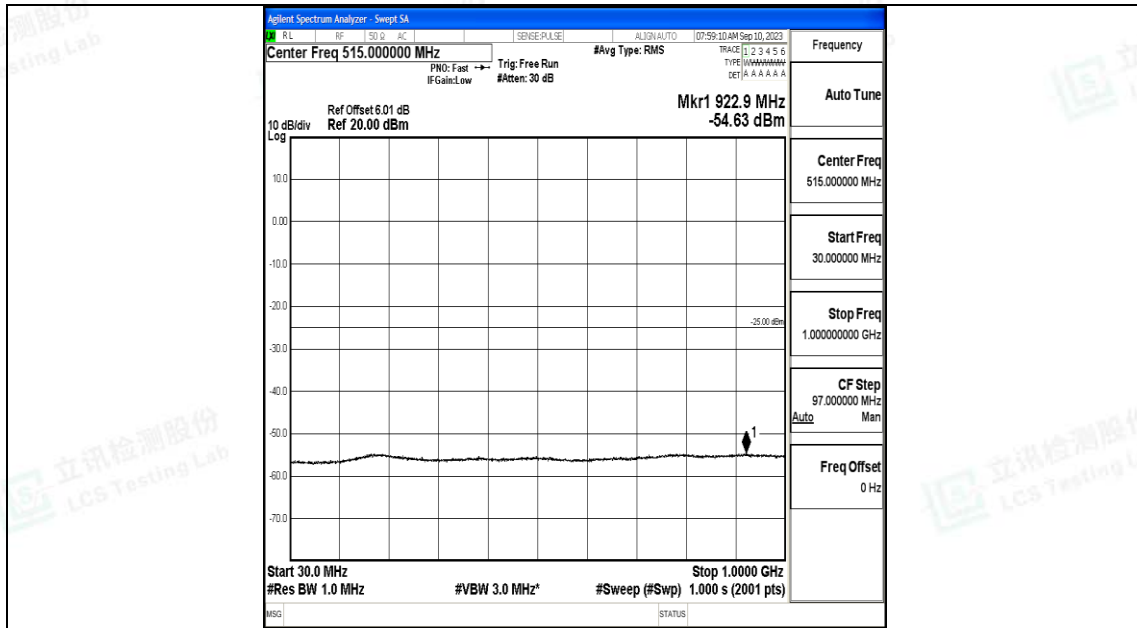


Band7_5MHz_QPSK_20775_1RB#0_0.009~0.15_0.009~0.15

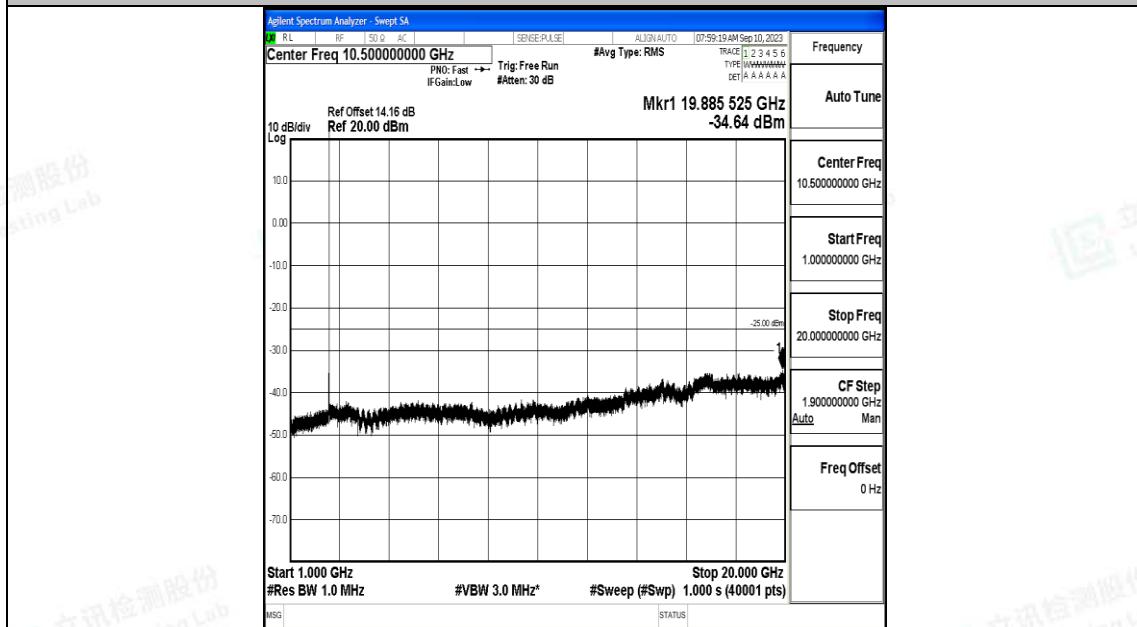


Band7_5MHz_QPSK_20775_1RB#0_0.15~30_0.15~30



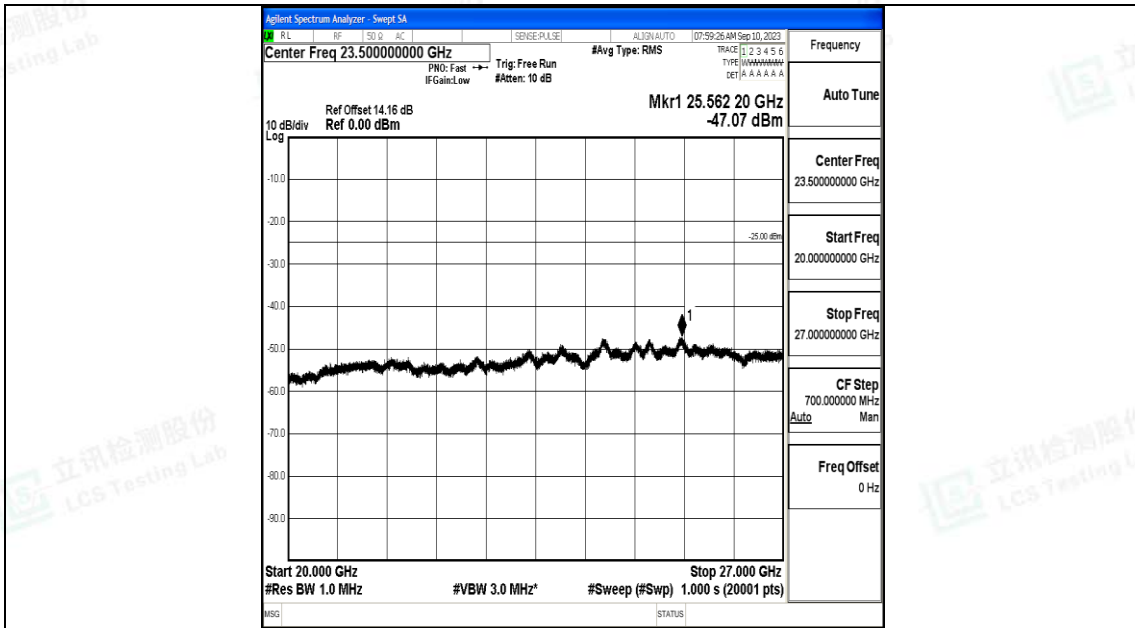


Band7_5MHz_QPSK_20775_1RB#0_30~1000_30~1000

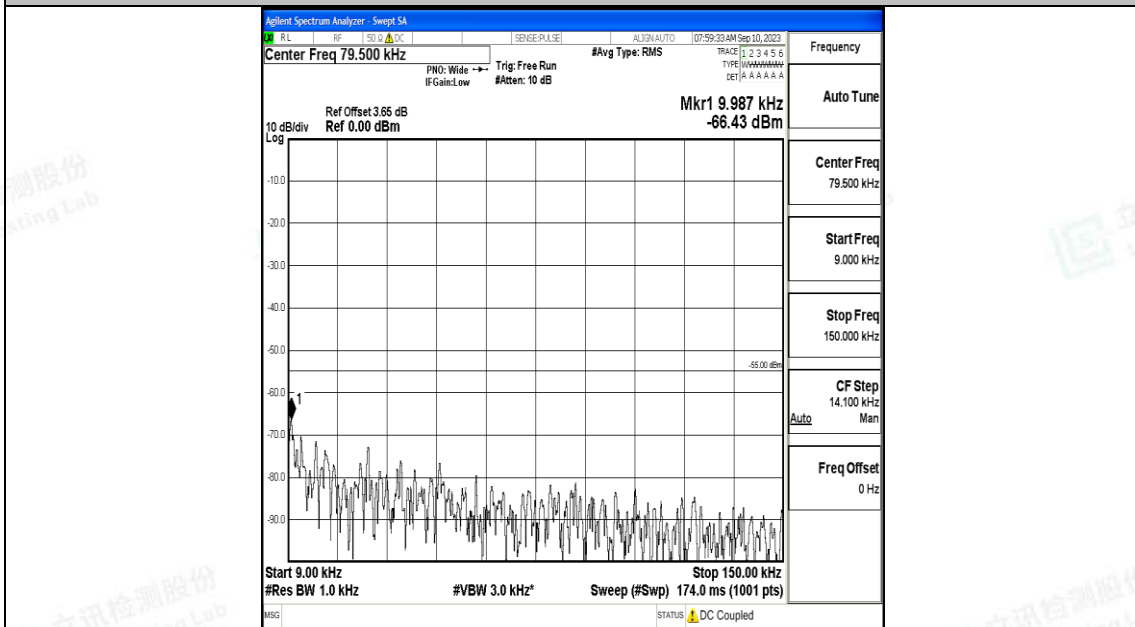


Band7_5MHz_QPSK_20775_1RB#0_1000~20000_1000~20000



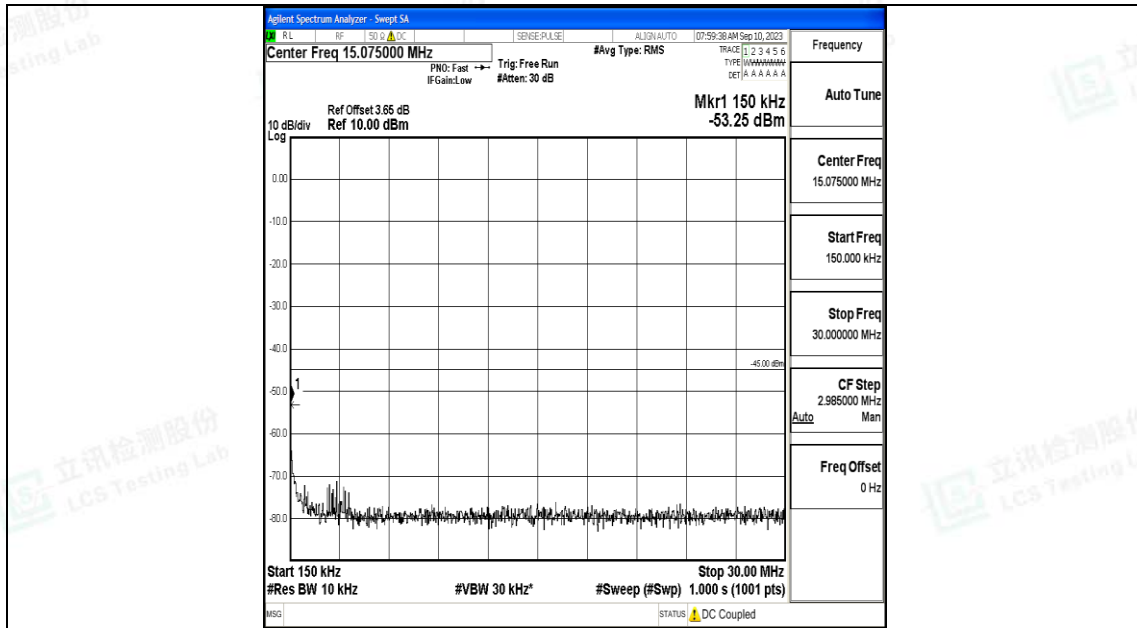


Band7_5MHz_QPSK_20775_1RB#0_20000~27000_20000~27000

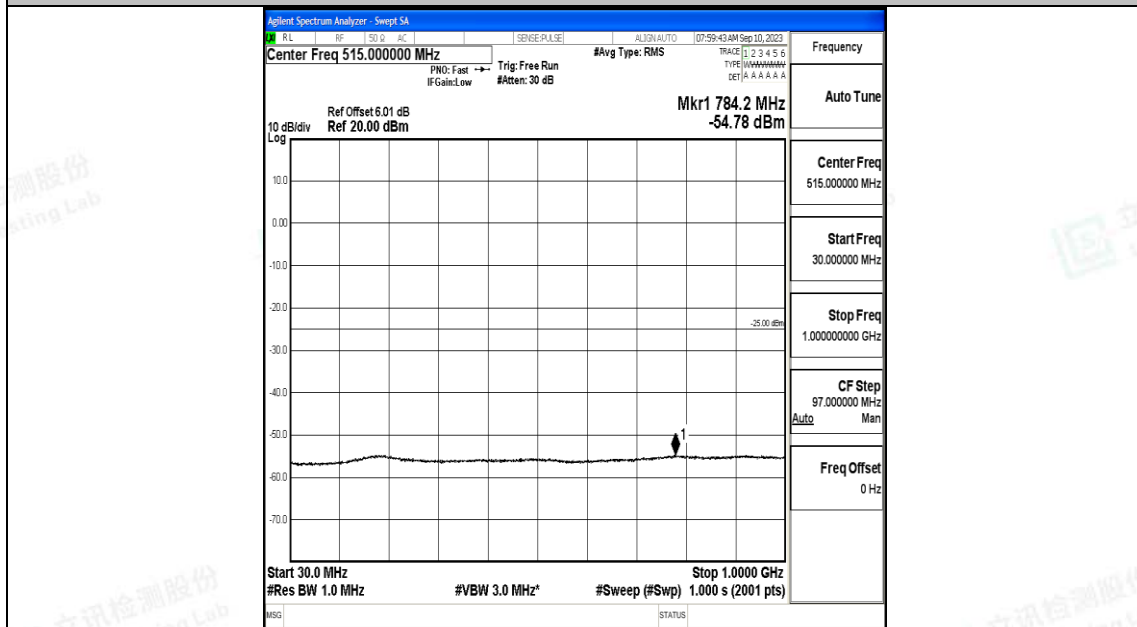


Band7_5MHz_16QAM_20775_1RB#0_0.009~0.15_0.009~0.15



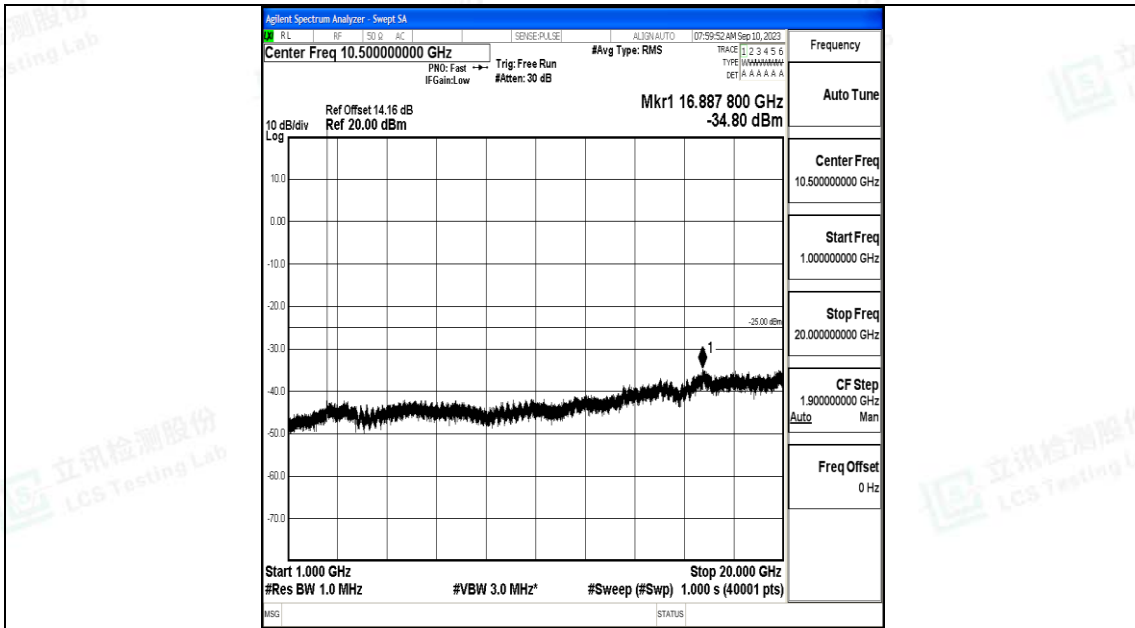


Band7_5MHz_16QAM_20775_1RB#0_0.15~30_0.15~30

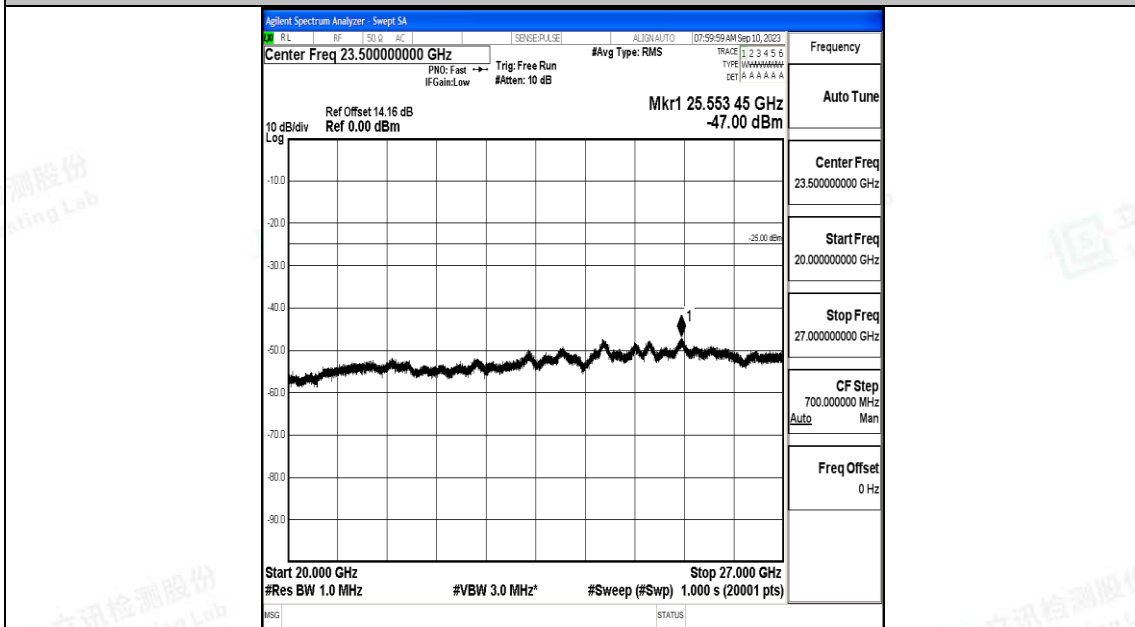


Band7_5MHz_16QAM_20775_1RB#0_30~1000_30~1000



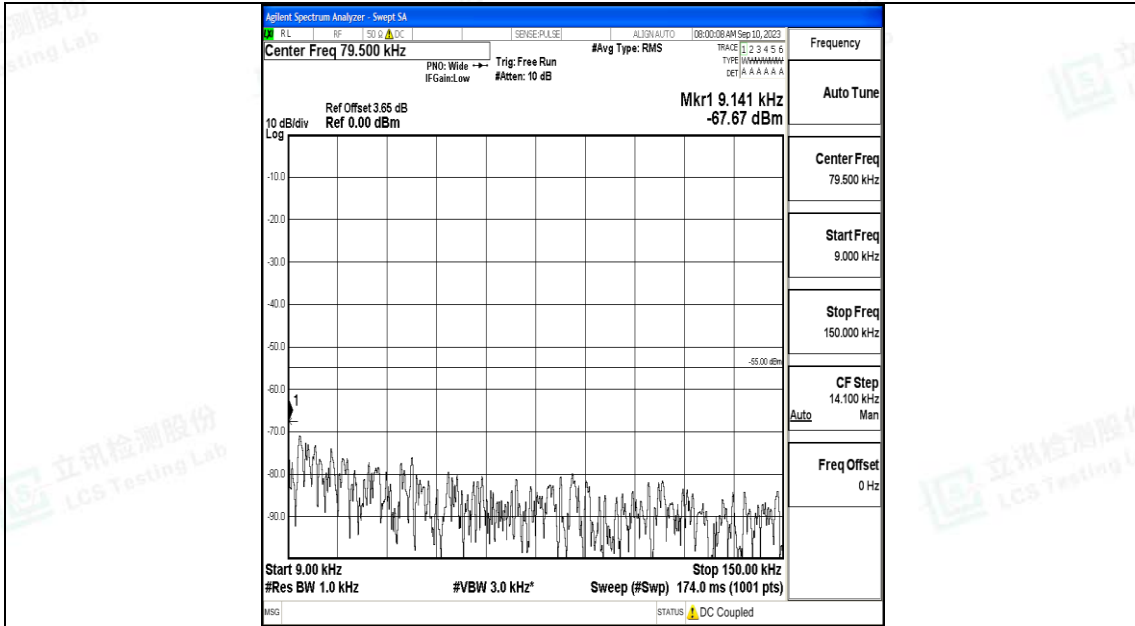


Band7_5MHz_16QAM_20775_1RB#0_1000~20000_1000~20000

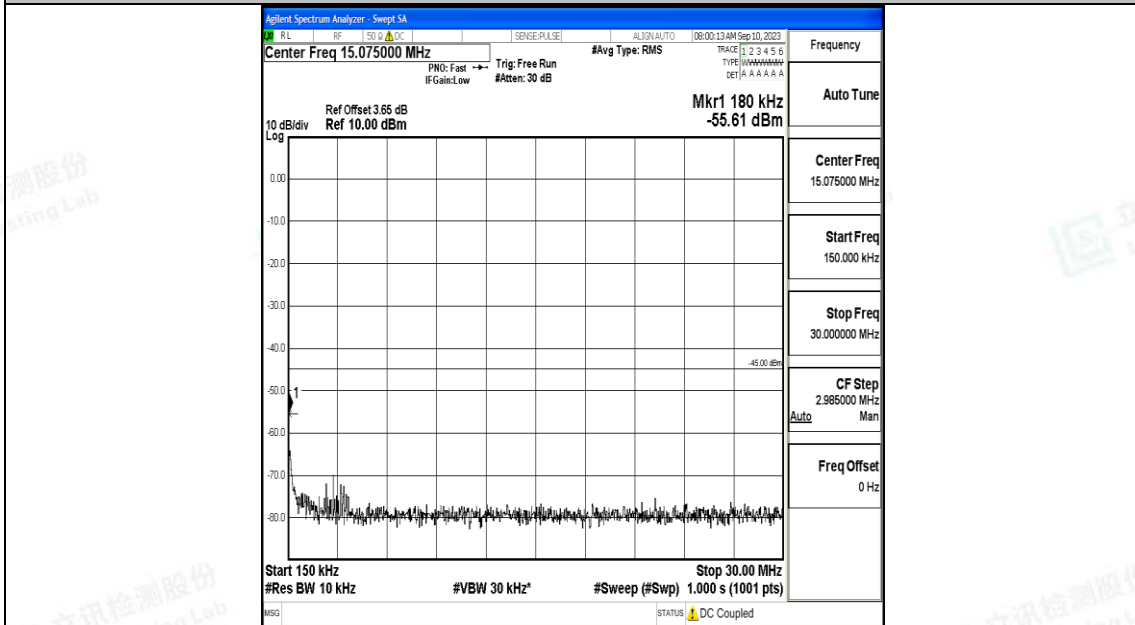


Band7_5MHz_16QAM_20775_1RB#0_20000~27000_20000~27000



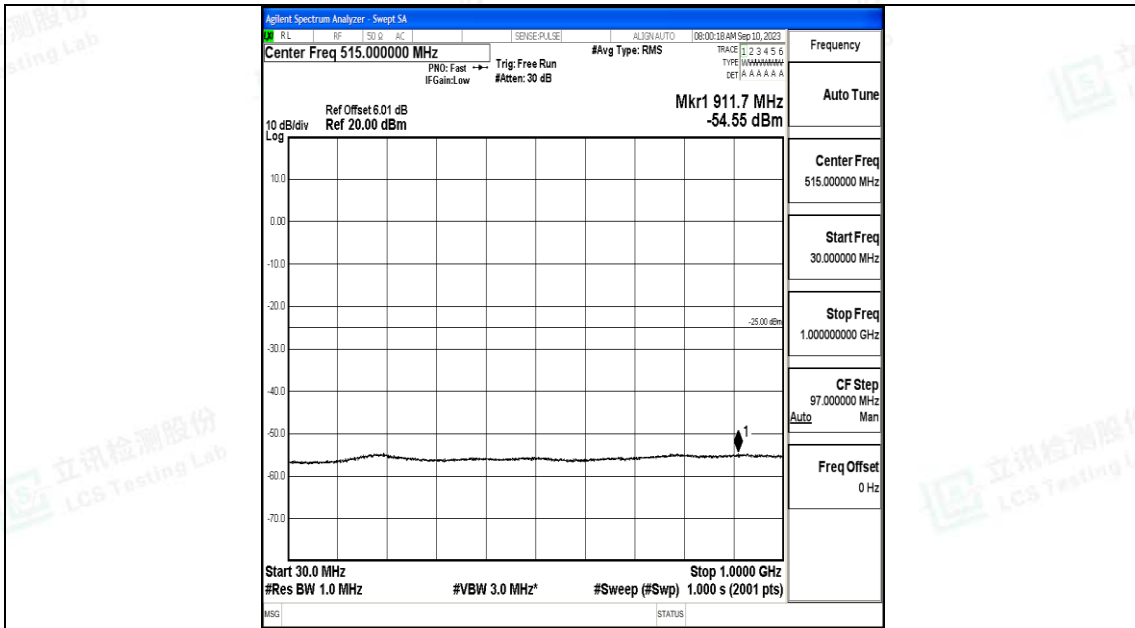


Band7_5MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15

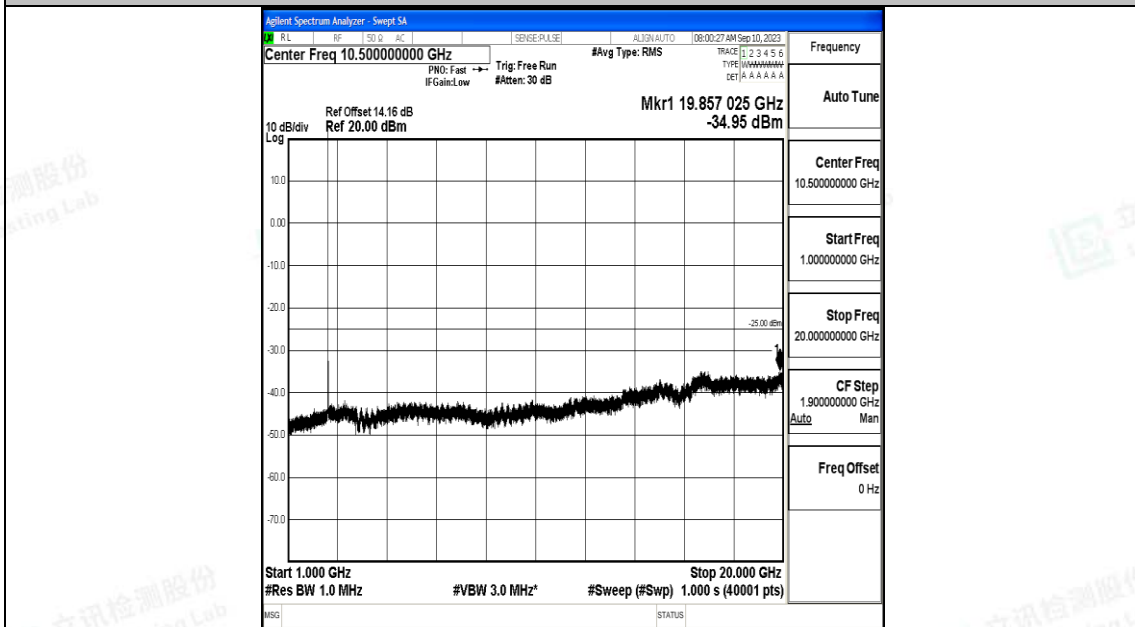


Band7_5MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



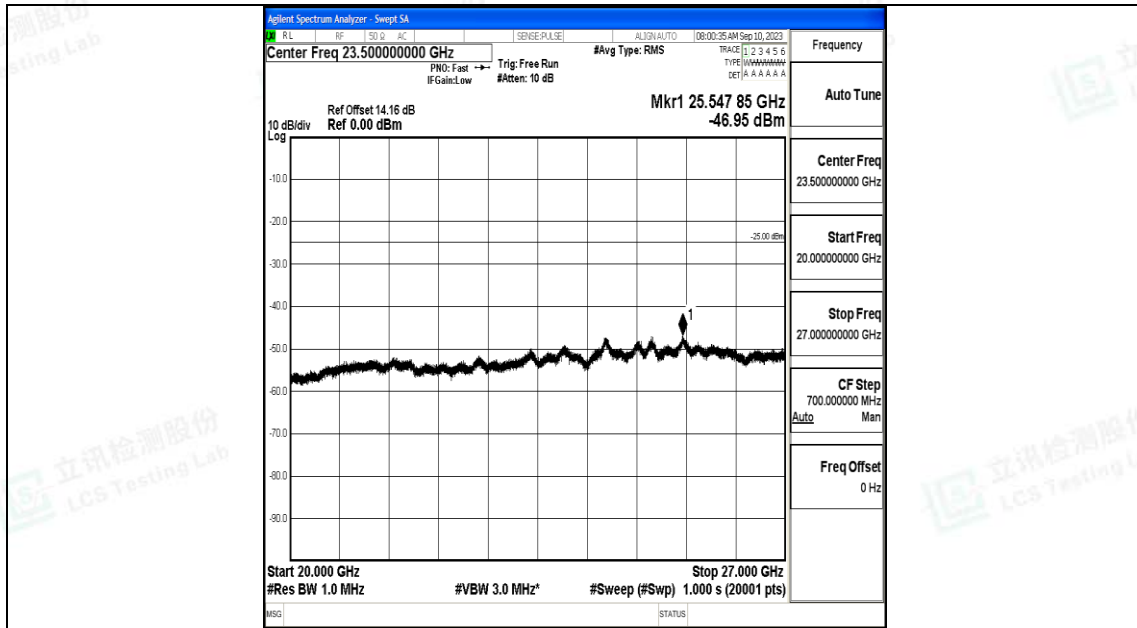


Band7_5MHz_QPSK_21100_1RB#0_30~1000_30~1000

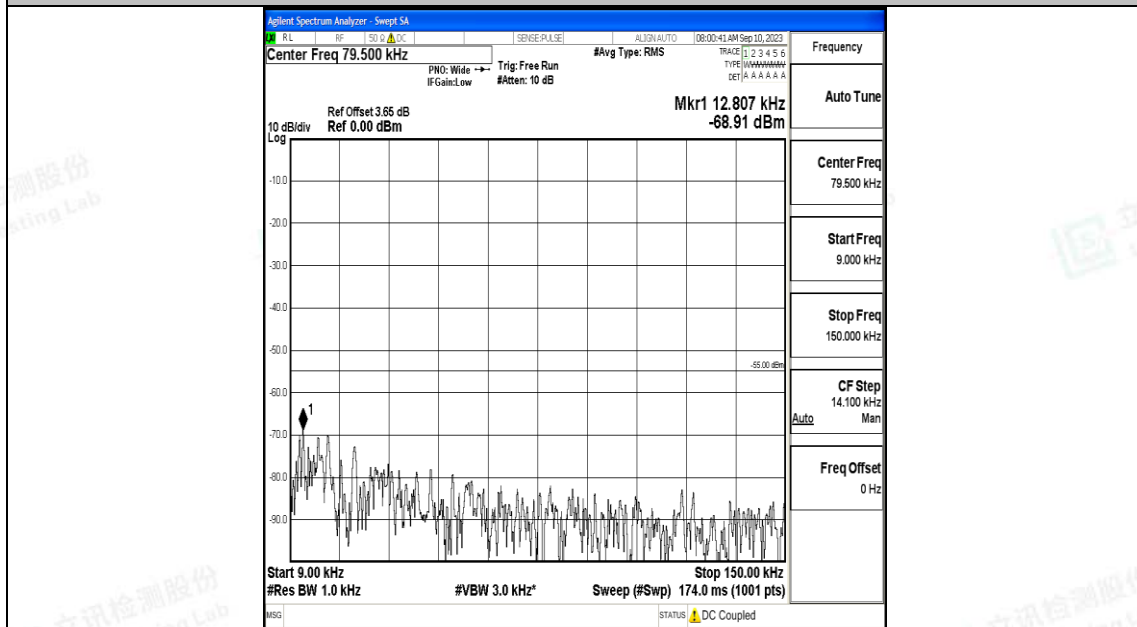


Band7_5MHz_QPSK_21100_1RB#0_1000~20000_1000~20000



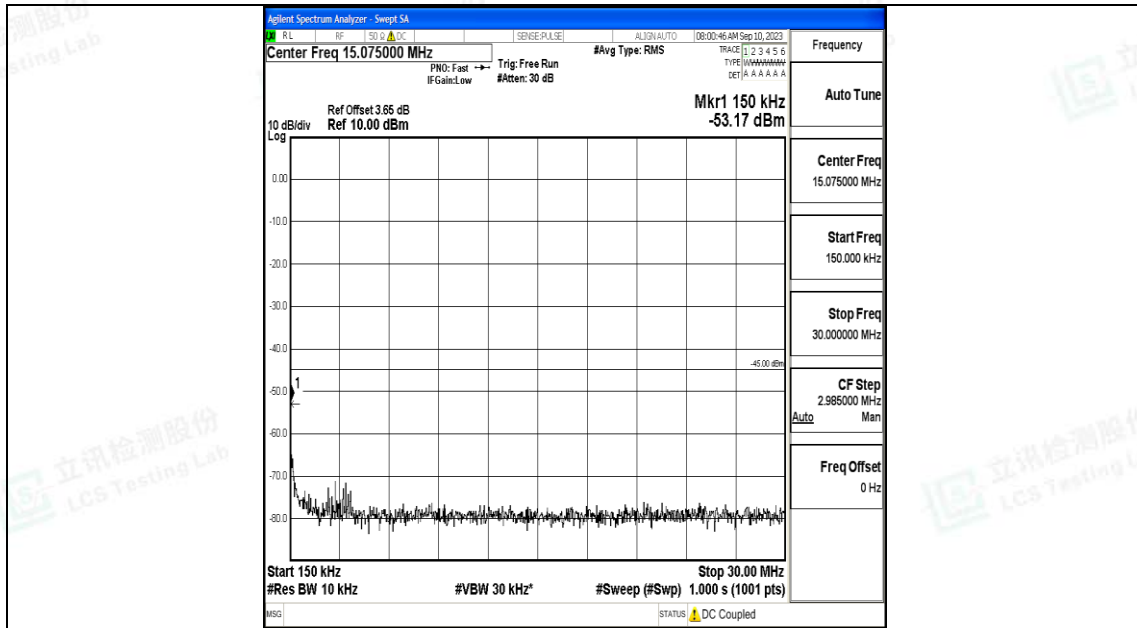


Band7_5MHz_QPSK_21100_1RB#0_20000~27000_20000~27000

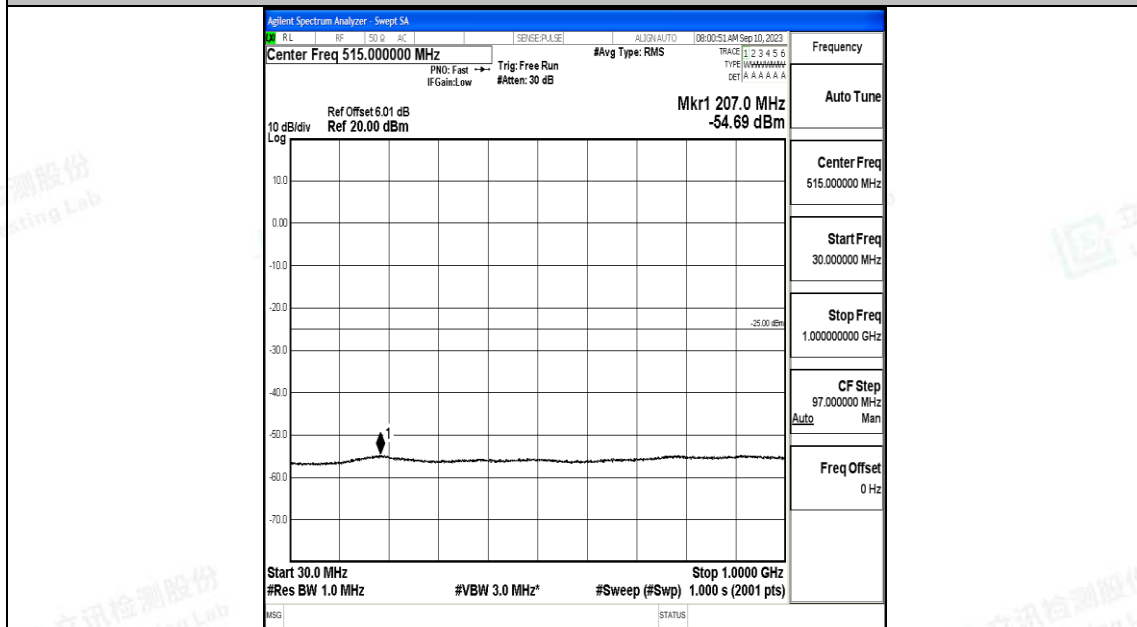


Band7_5MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15



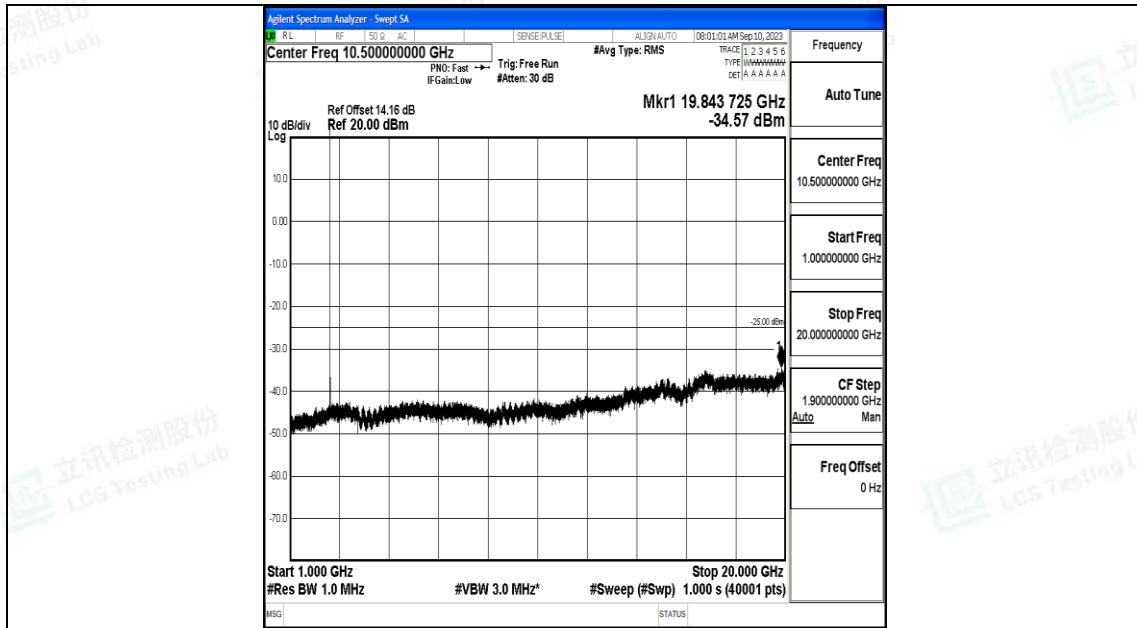


Band7_5MHz_16QAM_21100_1RB#0_0.15~30_0.15~30

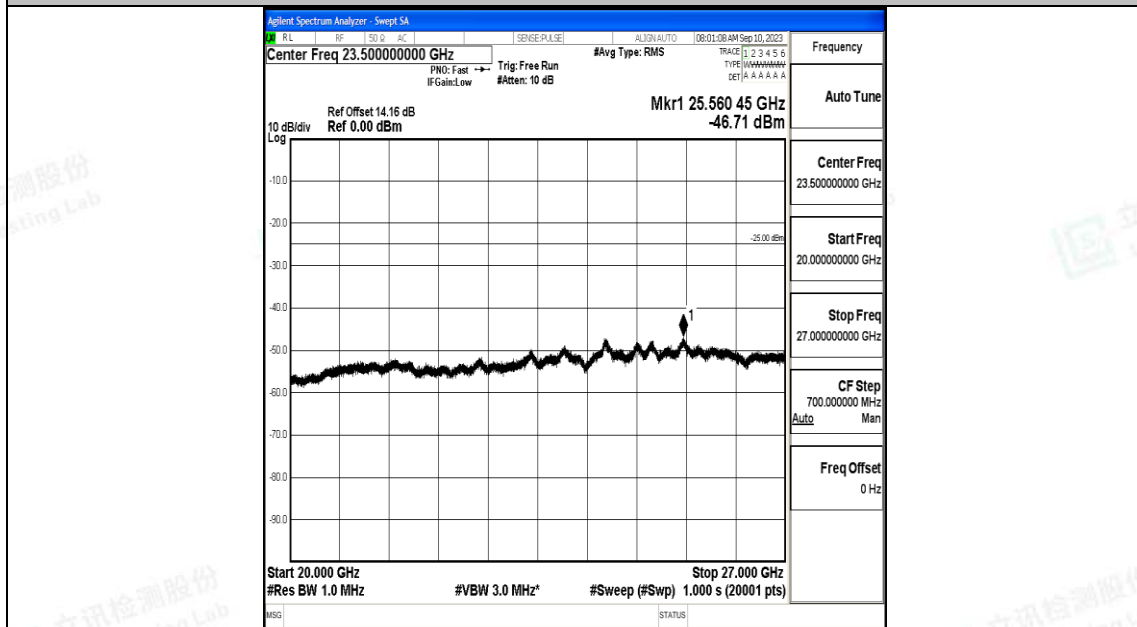


Band7_5MHz_16QAM_21100_1RB#0_30~1000_30~1000



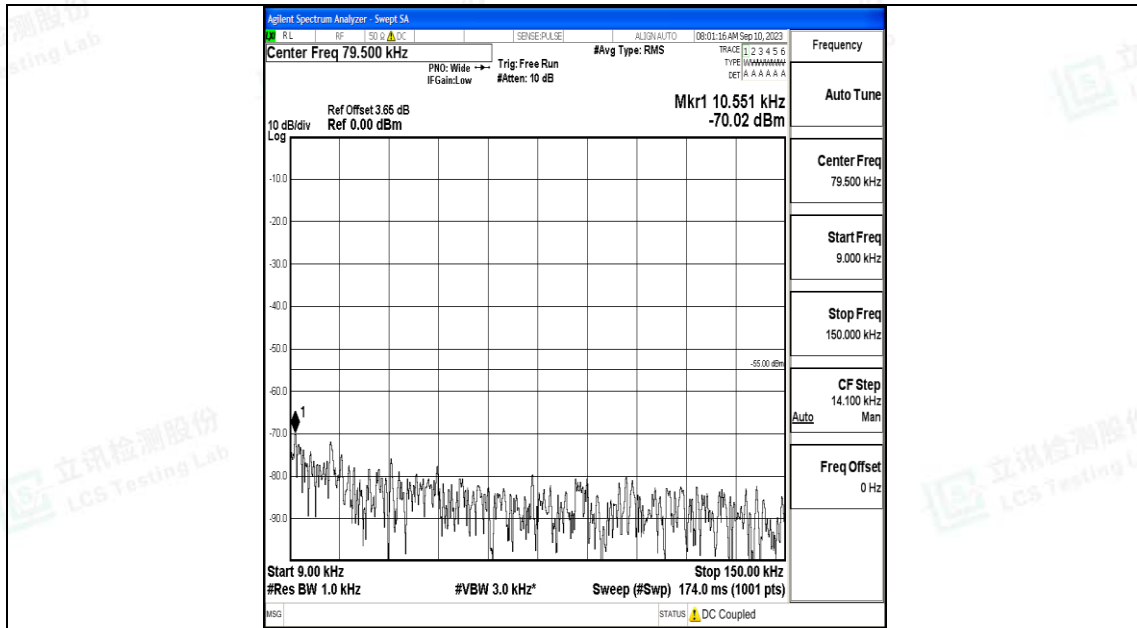


Band7_5MHz_16QAM_21100_1RB#0_1000~20000_1000~20000

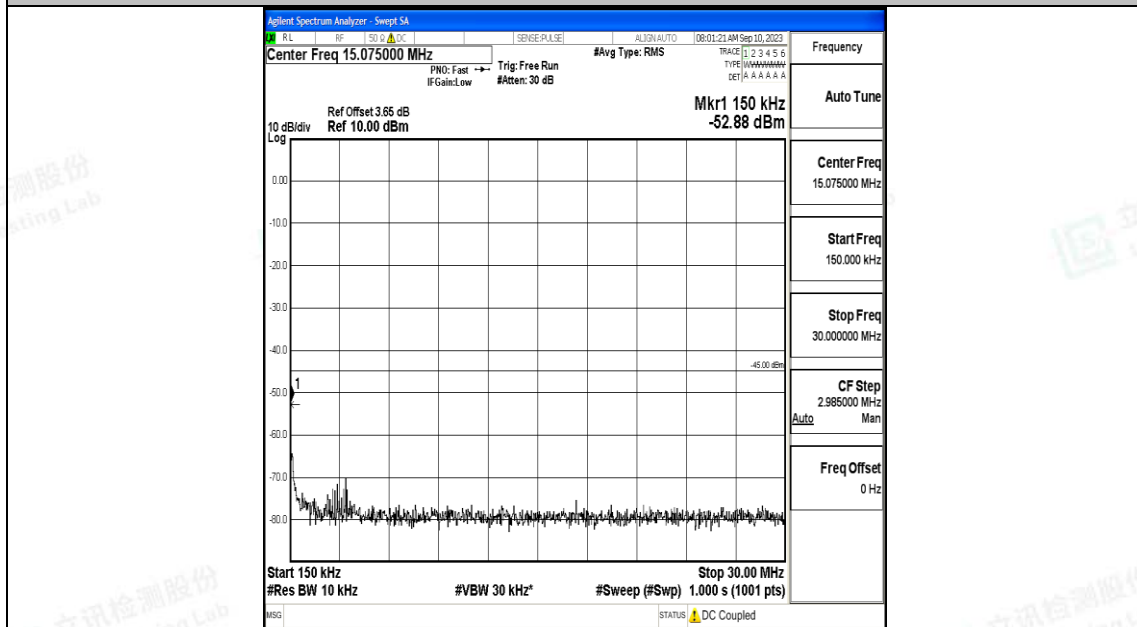


Band7_5MHz_16QAM_21100_1RB#0_20000~27000_20000~27000



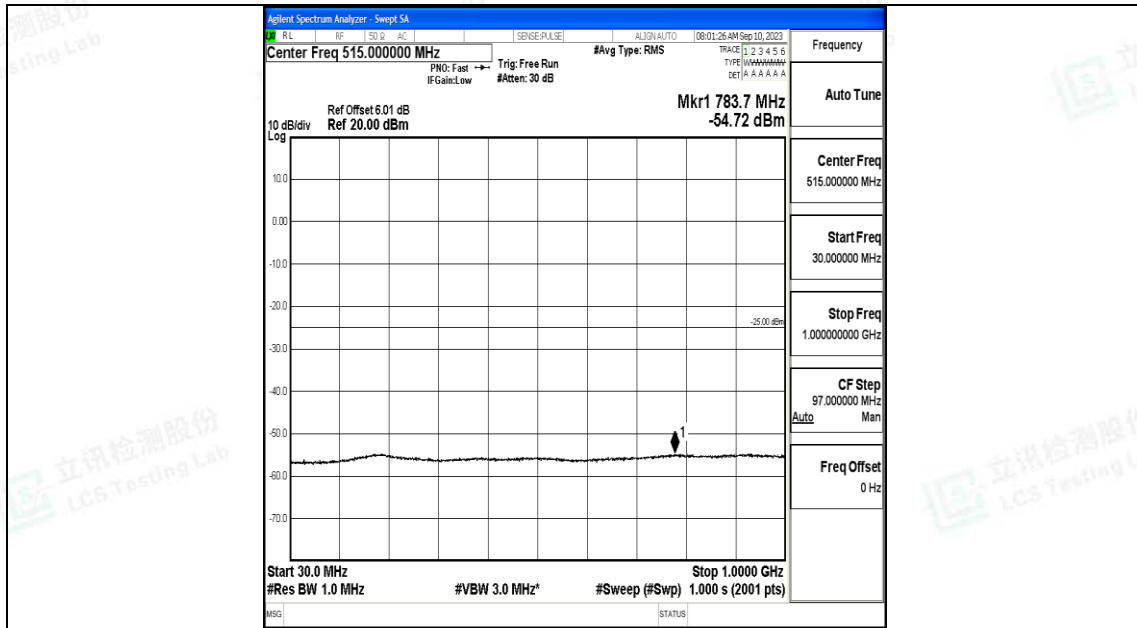


Band7_5MHz_QPSK_21425_1RB#0_0.009~0.15_0.009~0.15

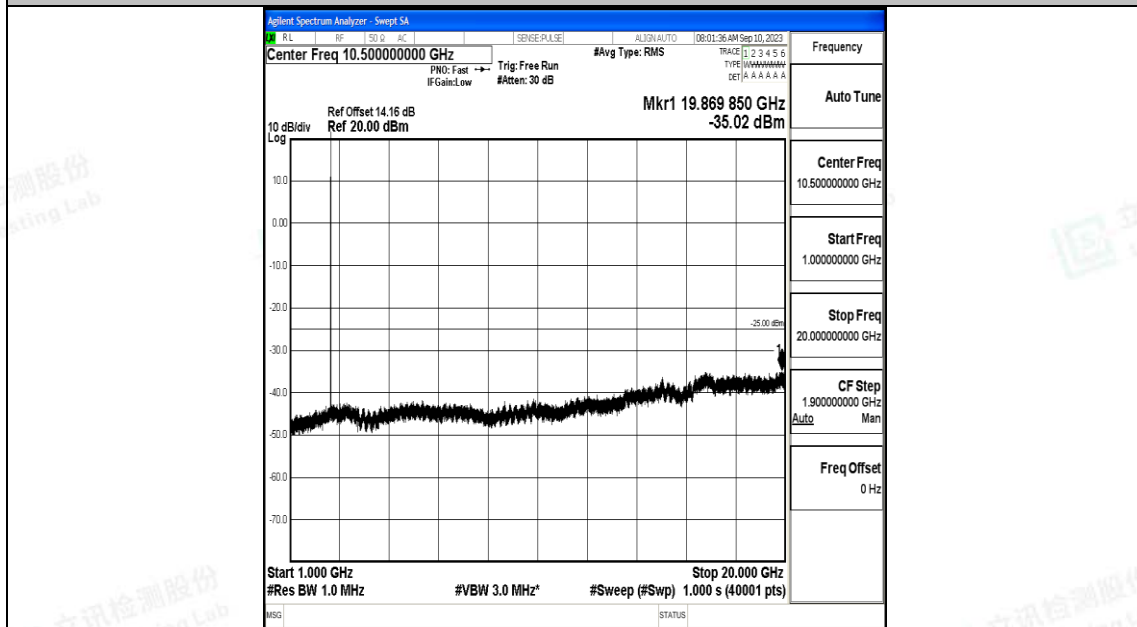


Band7_5MHz_QPSK_21425_1RB#0_0.15~30_0.15~30



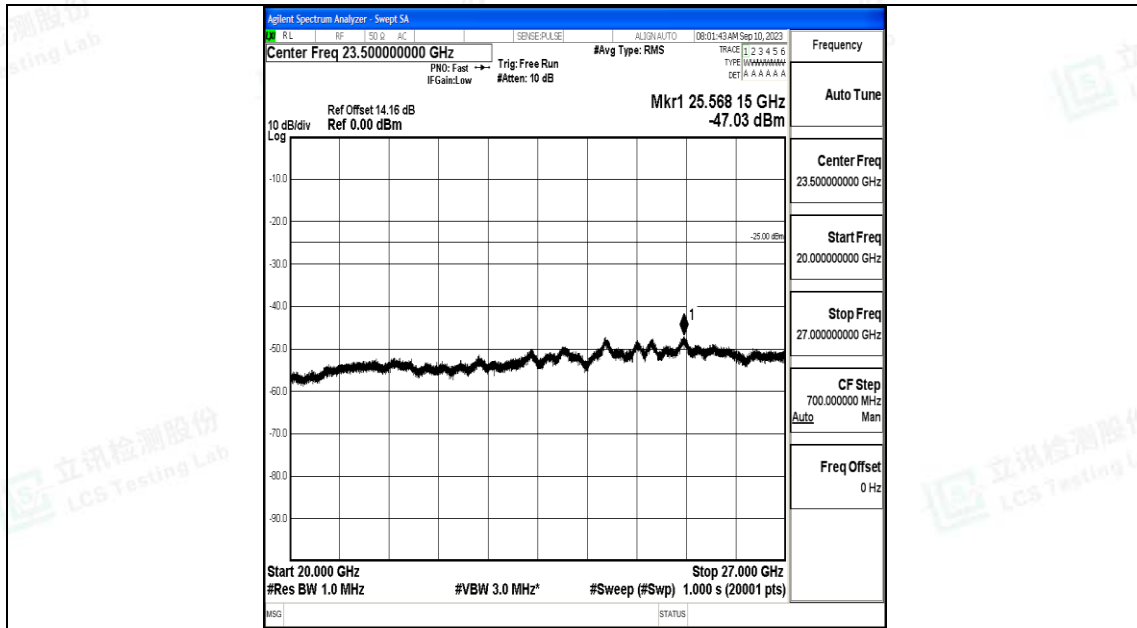


Band7_5MHz_QPSK_21425_1RB#0_30~1000_30~1000

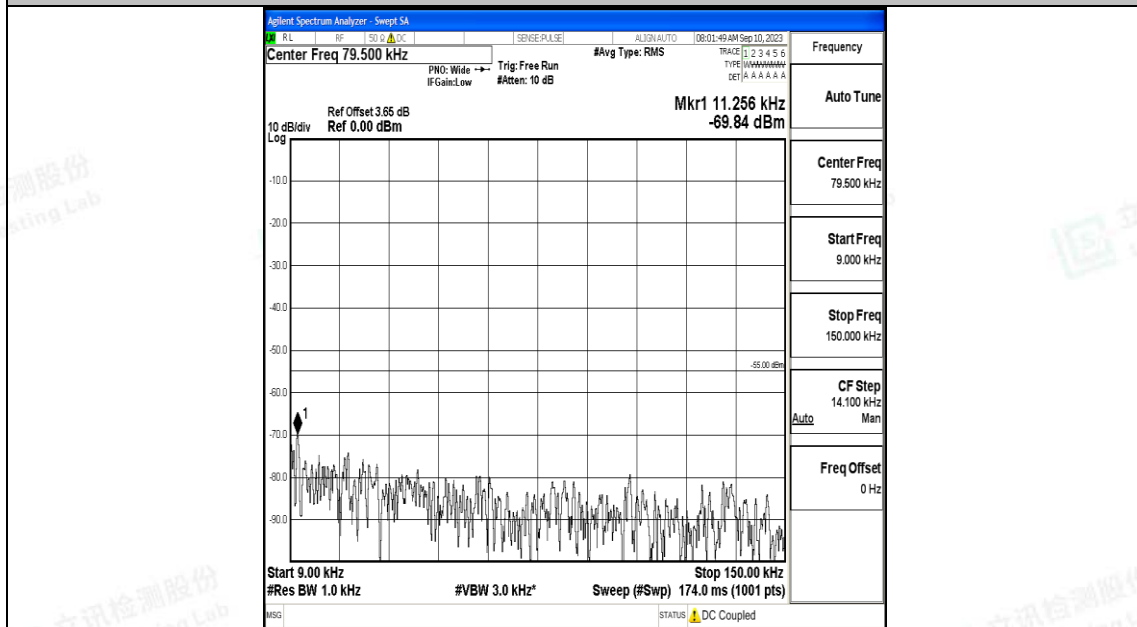


Band7_5MHz_QPSK_21425_1RB#0_1000~20000_1000~20000



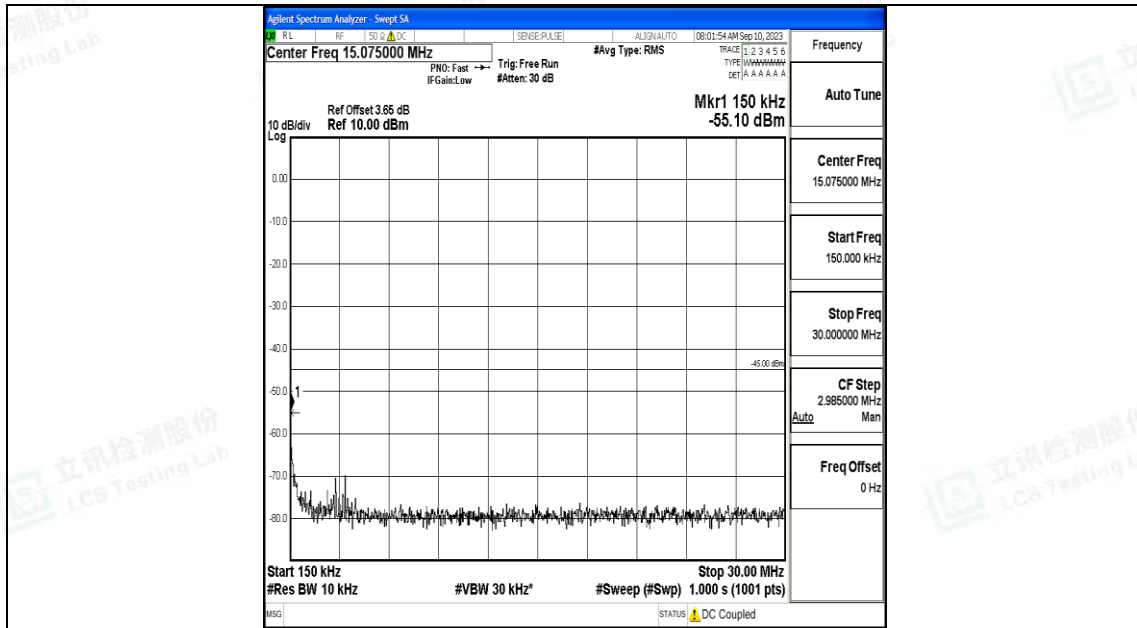


Band7_5MHz_QPSK_21425_1RB#0_20000~27000_20000~27000

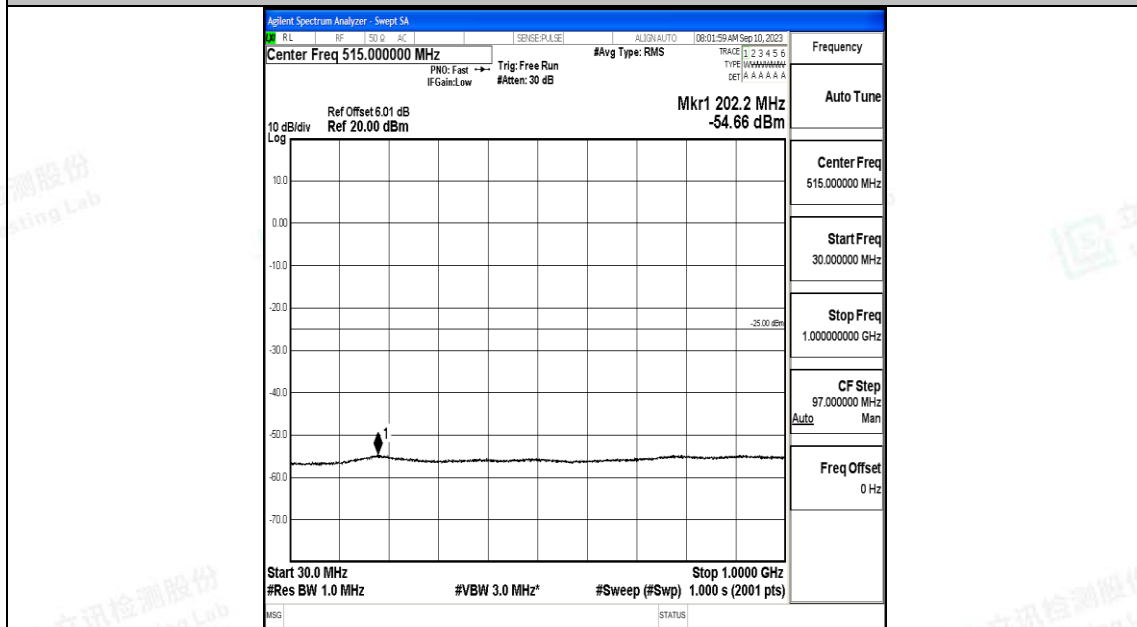


Band7_5MHz_16QAM_21425_1RB#0_0.009~0.15_0.009~0.15



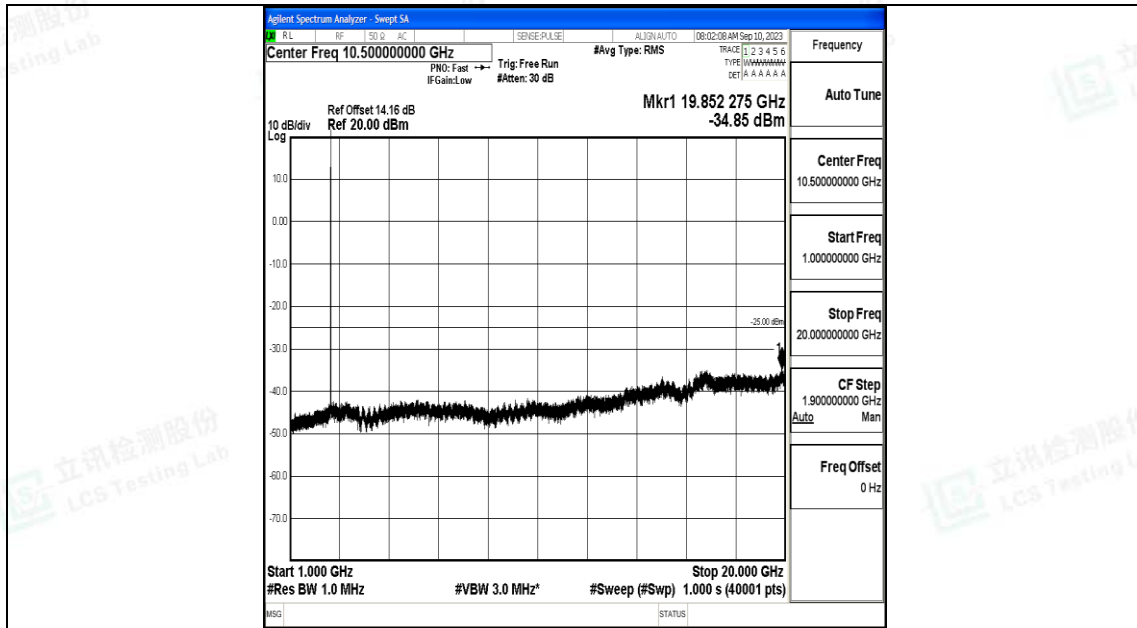


Band7_5MHz_16QAM_21425_1RB#0_0.15~30_0.15~30

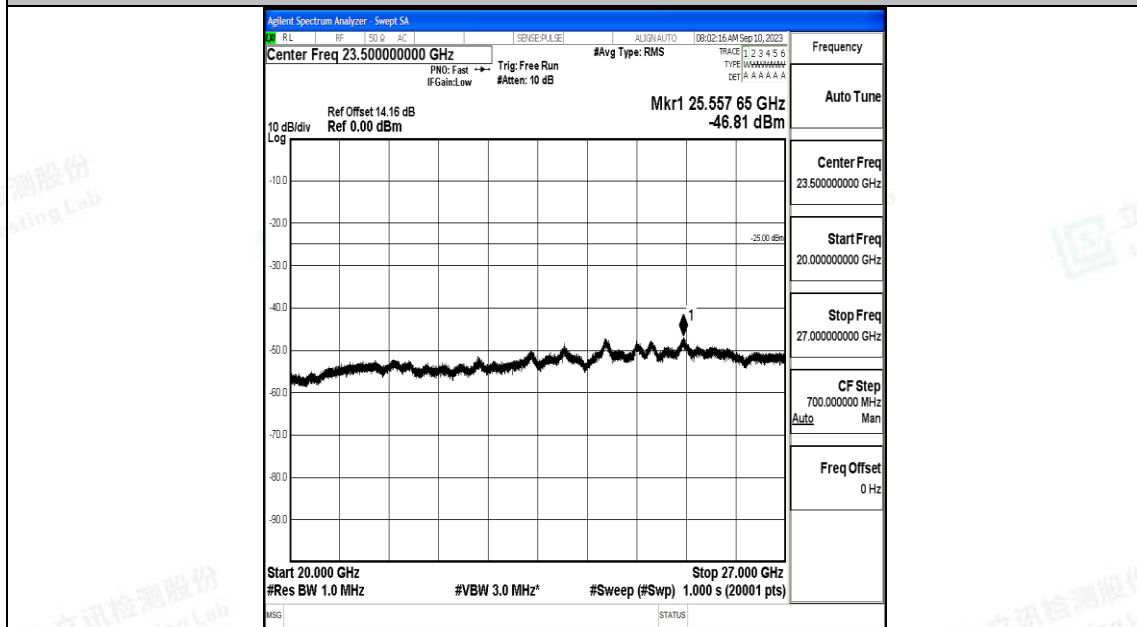


Band7_5MHz_16QAM_21425_1RB#0_30~1000_30~1000



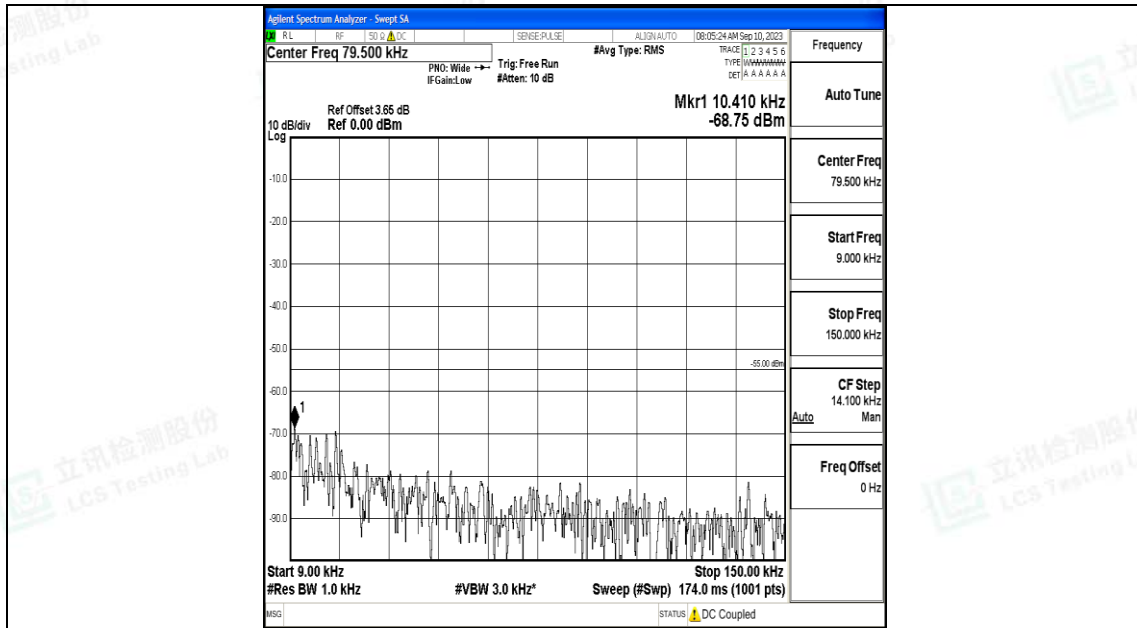


Band7_5MHz_16QAM_21425_1RB#0_1000~20000_1000~20000

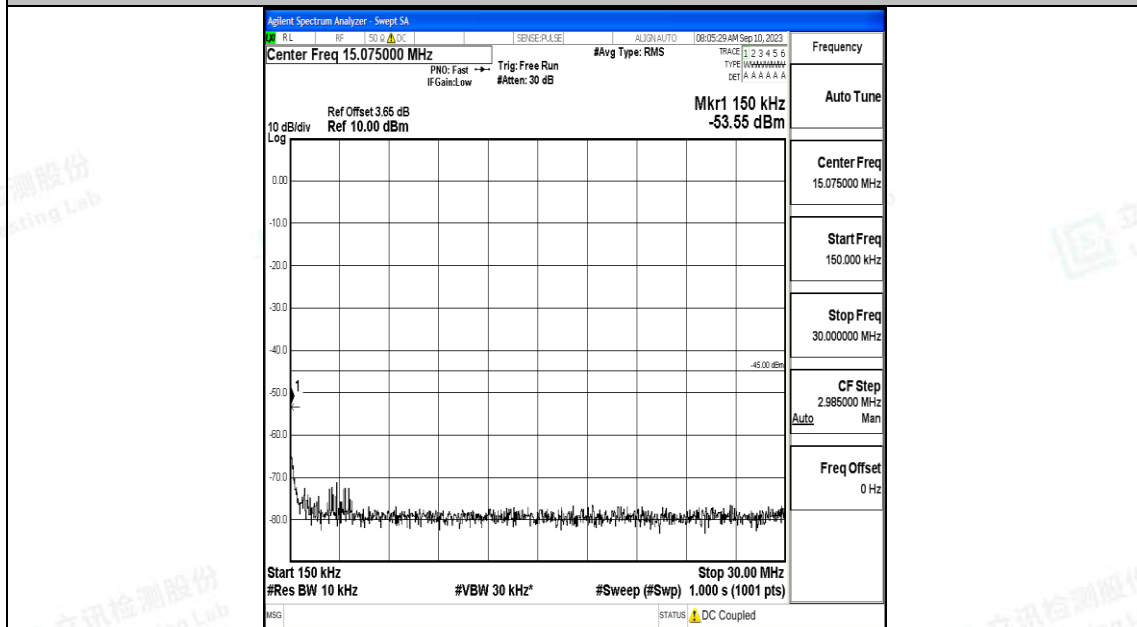


Band7_5MHz_16QAM_21425_1RB#0_20000~27000_20000~27000



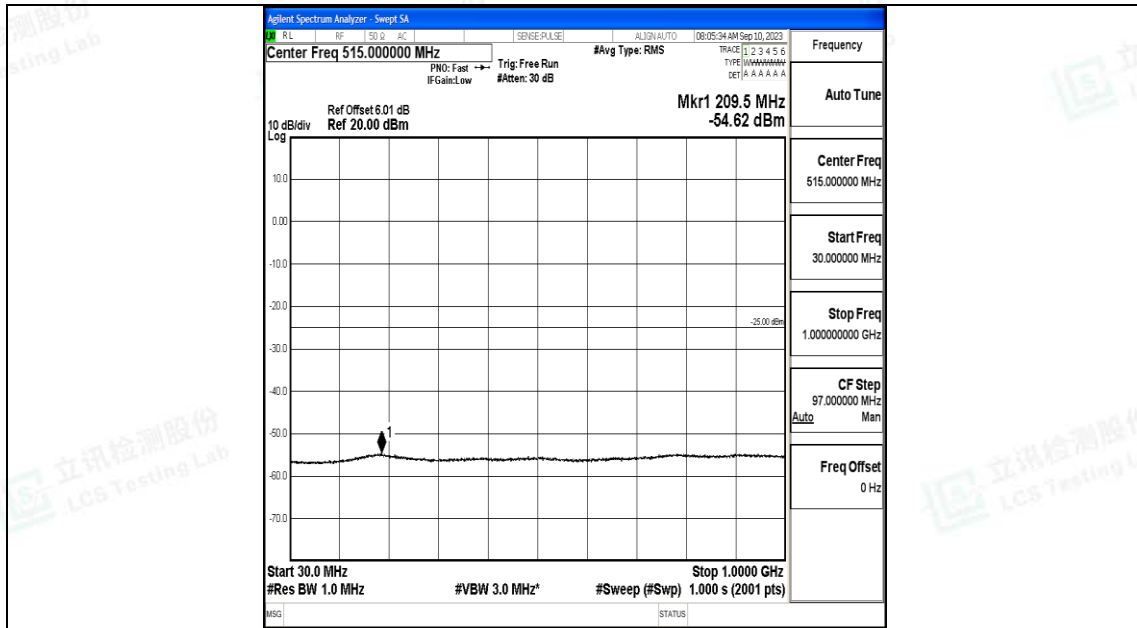


Band7_10MHz_QPSK_20800_1RB#0_0.009~0.15_0.009~0.15

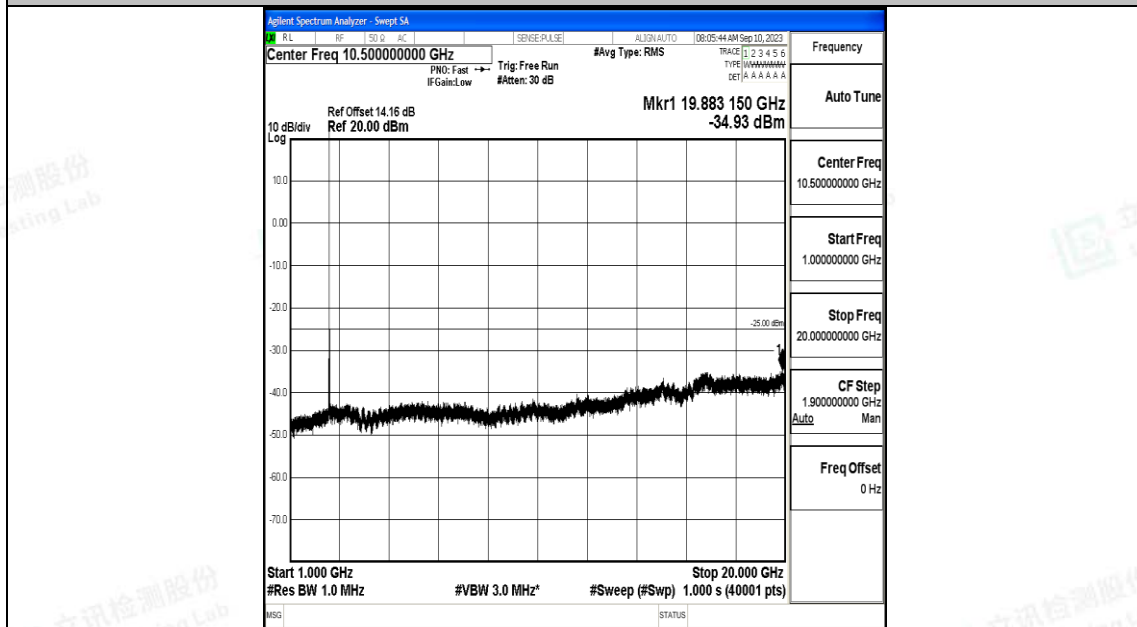


Band7_10MHz_QPSK_20800_1RB#0_0.15~30_0.15~30



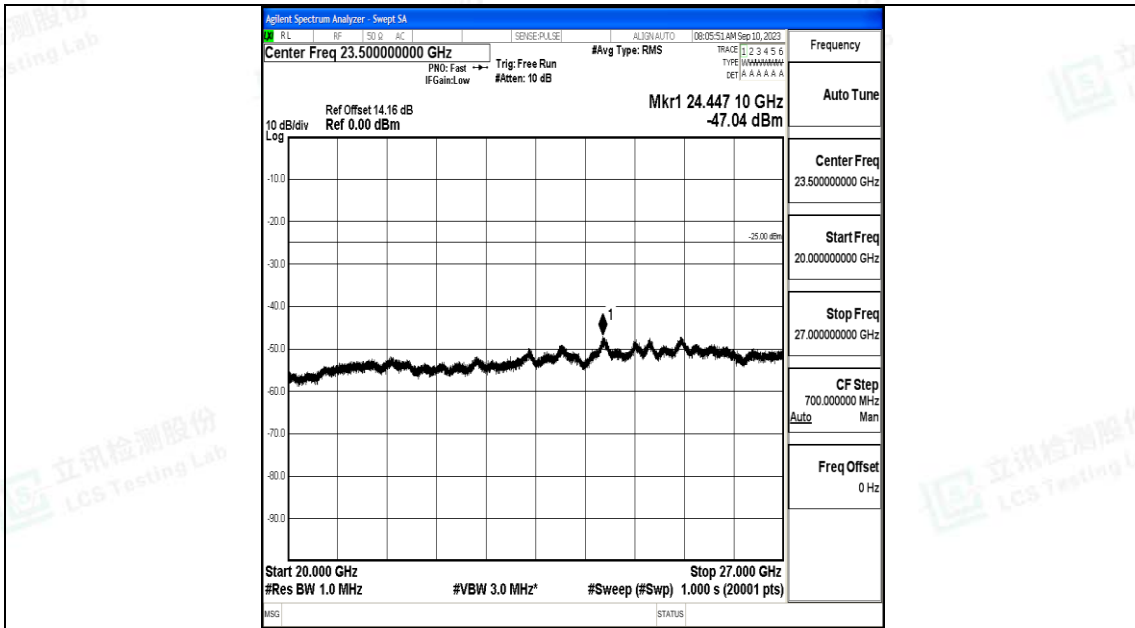


Band7_10MHz_QPSK_20800_1RB#0_30~1000_30~1000

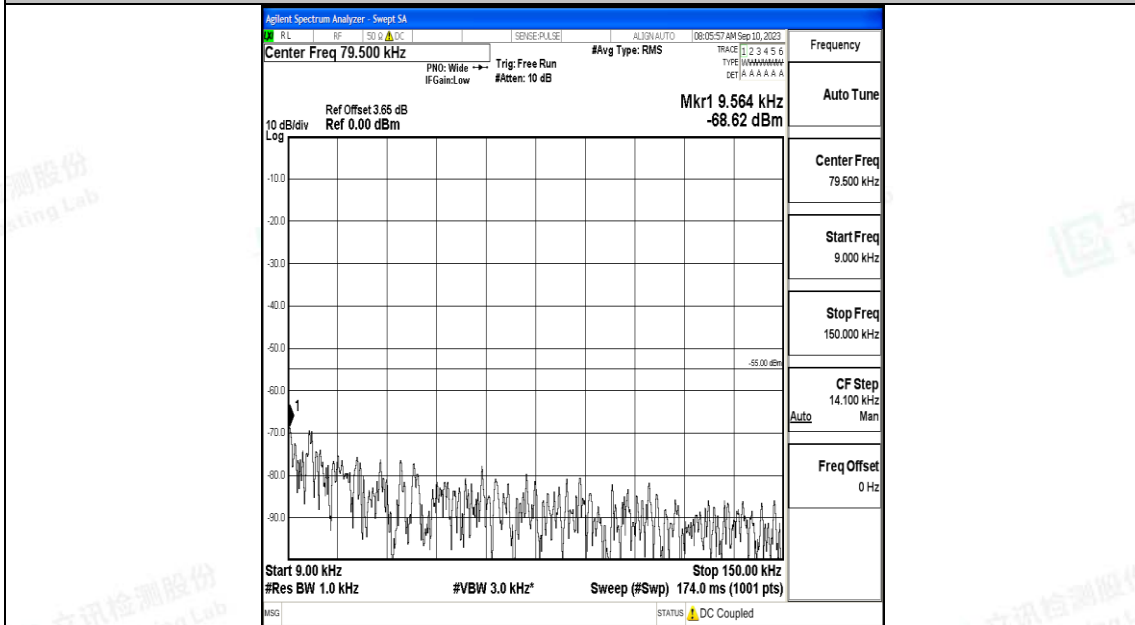


Band7_10MHz_QPSK_20800_1RB#0_1000~20000_1000~20000



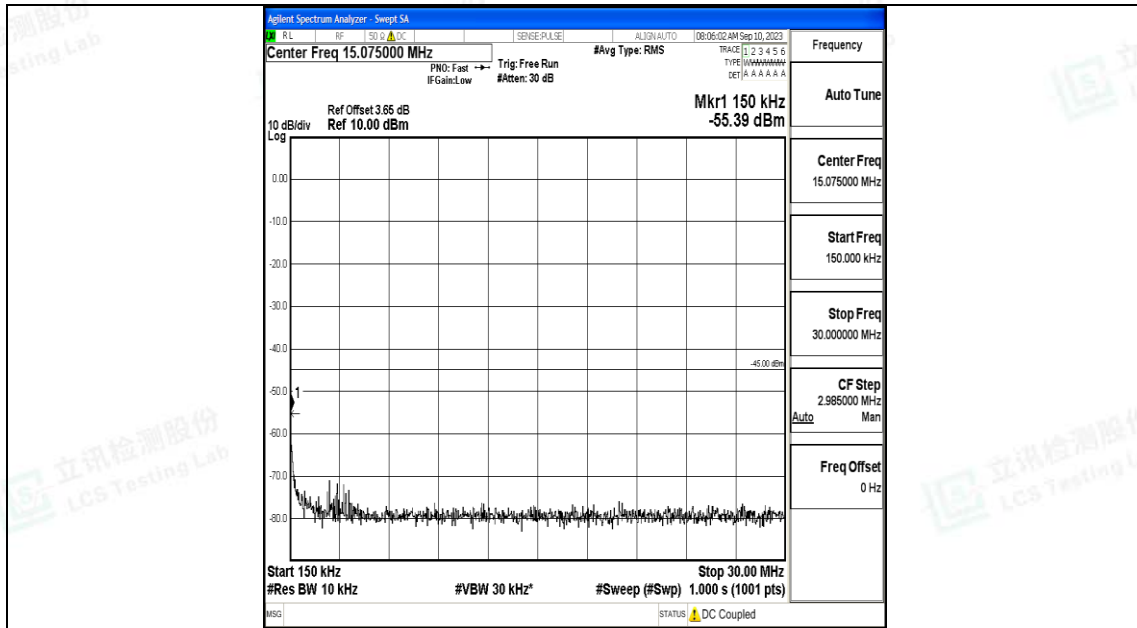


Band7_10MHz_QPSK_20800_1RB#0_20000~27000_20000~27000

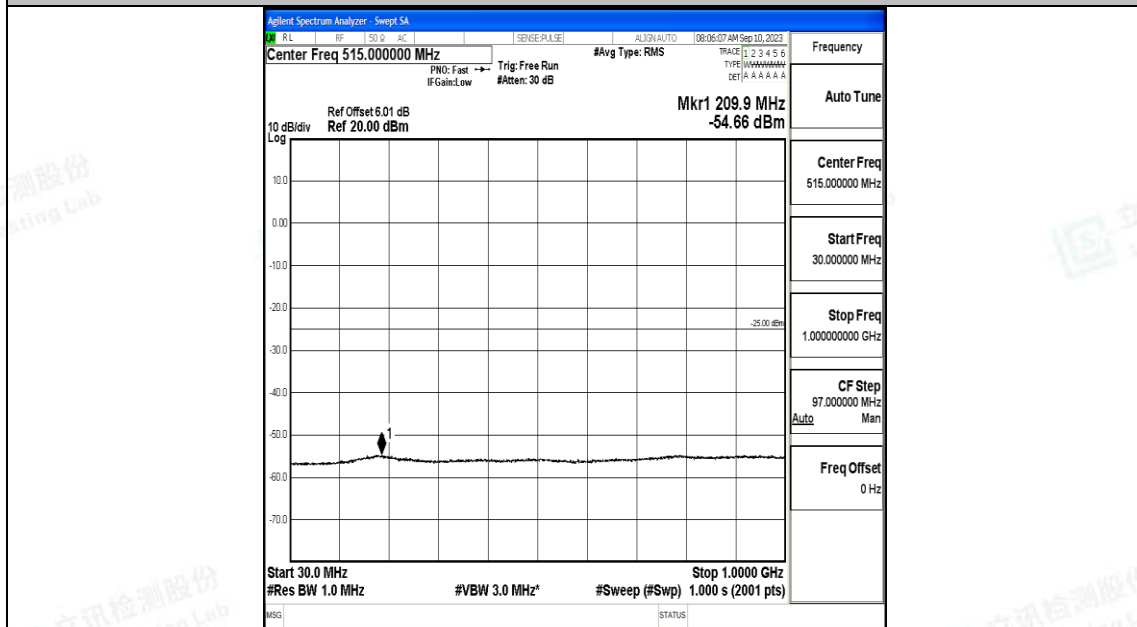


Band7_10MHz_16QAM_20800_1RB#0_0.009~0.15_0.009~0.15



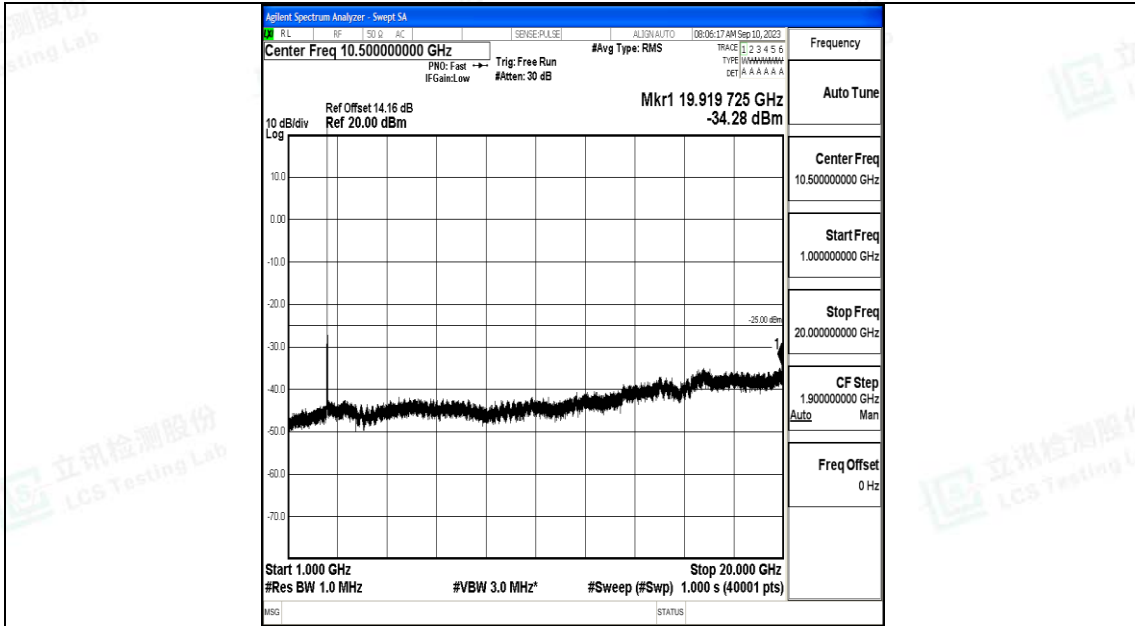


Band7_10MHz_16QAM_20800_1RB#0_0.15~30_0.15~30

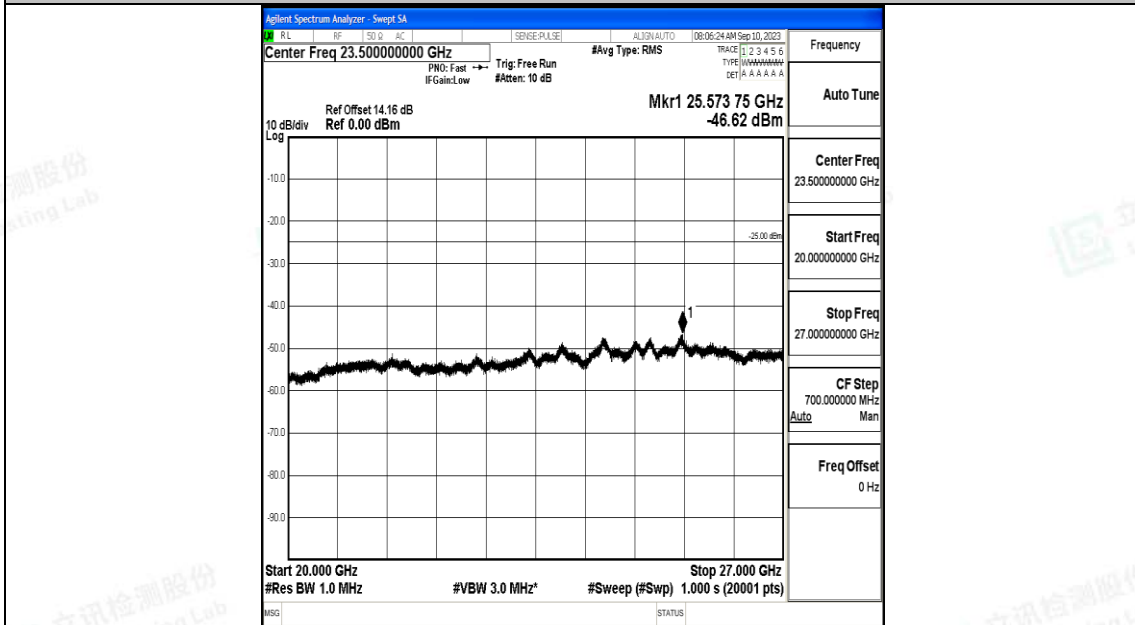


Band7_10MHz_16QAM_20800_1RB#0_30~1000_30~1000



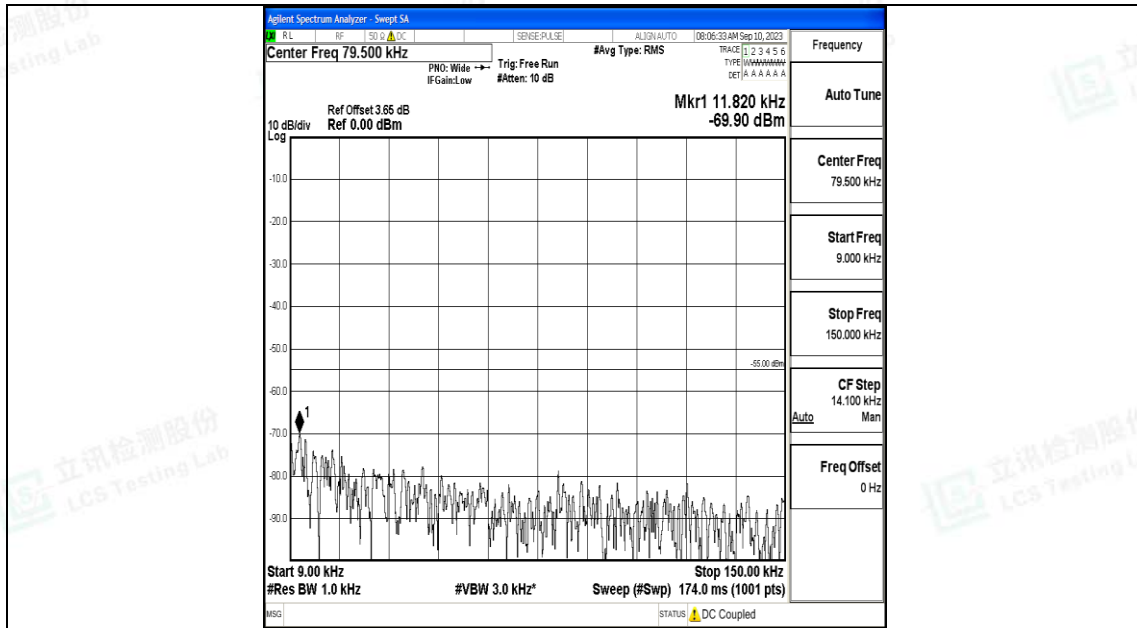


Band7_10MHz_16QAM_20800_1RB#0_1000~20000_1000~20000

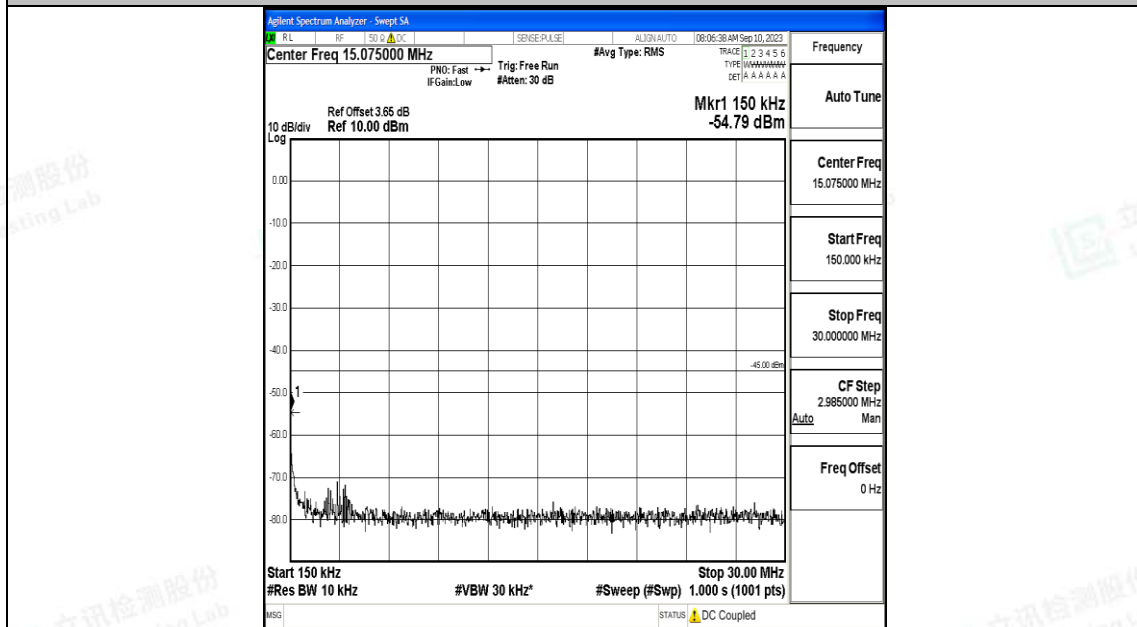


Band7_10MHz_16QAM_20800_1RB#0_20000~27000_20000~27000





Band7_10MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_QPSK_21100_1RB#0_0.15~30_0.15~30

