



Appendix E: Test Data for E-UTRA Band 4

Product Name: 4G FIXED WIRELESS PHONE

Test Model: LS830

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





E.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.26	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.17	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.08	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.16	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.13	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.99	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.03	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.80	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.84	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.80	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.82	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.91	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.68	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.81	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.41	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.49	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.62	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.34	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.34	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.40	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.46	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.31	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.31	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.13	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.03	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.89	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.85	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.01	PASS





Band4	1.4MHz	16QAM	20175	1RB#5	21.65	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.62	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.54	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.42	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.89	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.44	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.60	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.29	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.23	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.46	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.32	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.42	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.31	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.70	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.47	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.60	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.76	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.76	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.70	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.73	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.72	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.74	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.96	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.01	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.79	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.99	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.24	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.40	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.60	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.33	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.39	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.39	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.45	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.74	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.61	PASS



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Scan code to check authenticity



Band4	3MHz	16QAM	19965	1RB#14	21.51	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.79	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.68	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.83	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.88	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.69	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.84	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.60	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.12	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.01	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.96	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.93	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.23	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.51	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.39	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.34	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.32	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.57	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.14	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.53	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.52	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.17	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.04	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.25	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.04	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.08	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.72	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.64	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.50	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.63	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.62	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.49	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.64	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.57	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.55	PASS





Band4	5MHz	QPSK	20375	1RB#24	22.54	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.34	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.41	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.34	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.24	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.45	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.48	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.13	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.56	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.65	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.02	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.83	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.59	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.41	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.31	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.70	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.59	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.50	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.73	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.43	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.27	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.27	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.31	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.28	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.22	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.28	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.13	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.56	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.83	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.14	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.07	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.01	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.96	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.58	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.76	PASS



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Band4	10MHz	QPSK	20175	1RB#49	22.19	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.73	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.71	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.51	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.74	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.33	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.58	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.27	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.52	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.50	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.35	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.42	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.12	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.64	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.94	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.15	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.07	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.03	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.68	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.87	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.29	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.78	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.66	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.57	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.68	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.40	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.79	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.37	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.60	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.57	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.35	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.52	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.96	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.75	PASS



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Band4	15MHz	QPSK	20025	1RB#74	22.69	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.68	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.08	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.93	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.90	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.86	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.54	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.39	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.84	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.25	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.42	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.91	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.52	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.57	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.32	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.69	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.52	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.58	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.36	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.13	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.18	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.75	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.38	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.76	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.81	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.82	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.03	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.79	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.46	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.94	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.67	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.61	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.83	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.69	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.70	PASS





Band4	15MHz	16QAM	20325	1RB#74	21.60	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.71	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.47	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.50	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.53	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.34	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.88	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.50	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.58	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.63	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.65	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.69	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.22	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.74	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.38	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.70	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.74	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.39	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.70	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.49	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.49	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.06	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.38	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.38	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.32	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.39	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.26	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.74	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.52	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.67	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.73	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.60	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.62	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.44	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.39	PASS





Band4	20MHz	16QAM	20175	1RB#99	21.84	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.78	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.75	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.50	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.67	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.31	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.22	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.20	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.48	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.56	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.42	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.45	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.55	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.19	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.54	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.98	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.66	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.13	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.57	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.04	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.56	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.80	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.56	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.02	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.58	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.30	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.57	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.12	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.75	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.27	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.60	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.11	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.56	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.93	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.79	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.01	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.63	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.30	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.53	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.09	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.82	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.27	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.48	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.12	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.40	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.88	13	PASS



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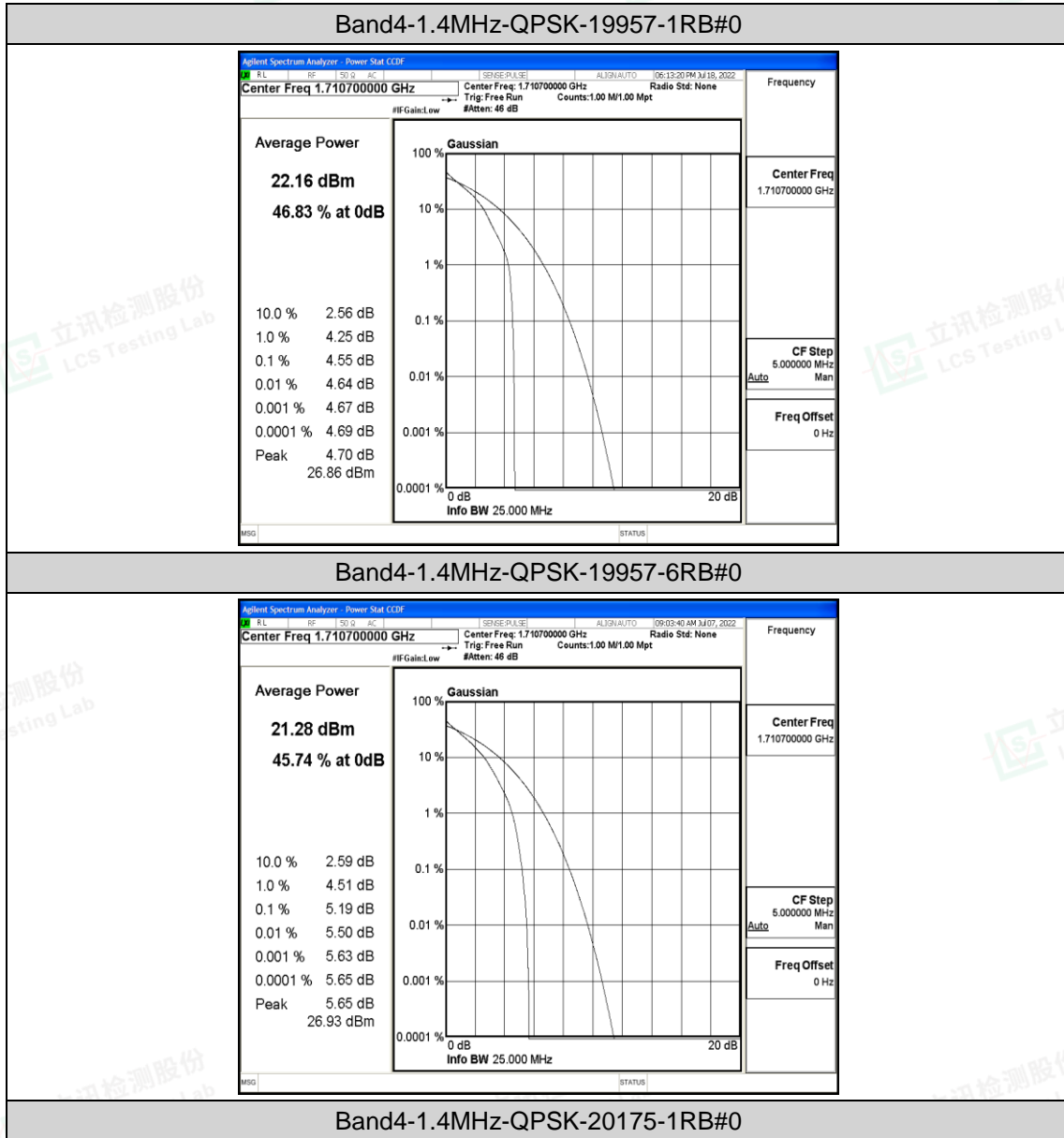


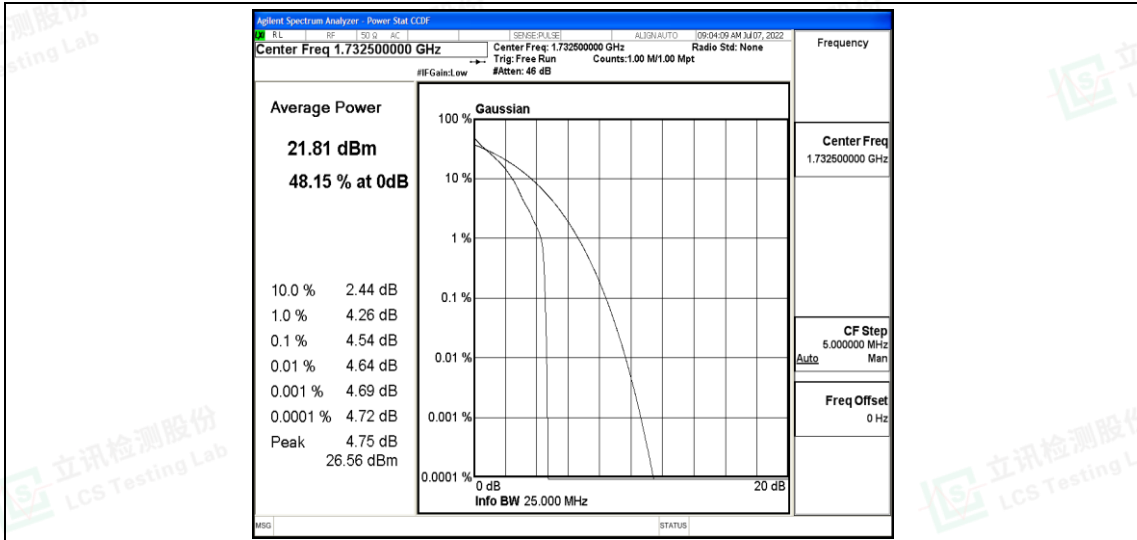
Band4	5MHz	16QAM	20375	1RB#0	5.69	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.03	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.16	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.35	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.65	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.02	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.80	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.22	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.70	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.13	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.56	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.85	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.10	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.01	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.97	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.58	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.78	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.14	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.80	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.40	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.23	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.24	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.58	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.87	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.69	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.07	13	PASS
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Band4	20MHz	QPSK	20050	100RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.20	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.63	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.25	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	6.80	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.13	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	6.09	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.82	13	PASS
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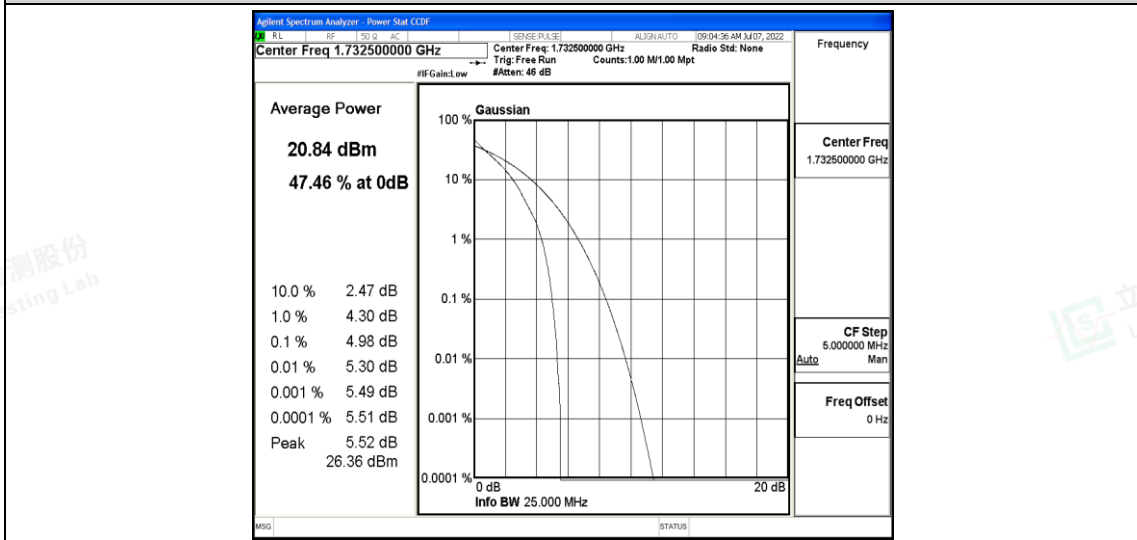


Test Graphs

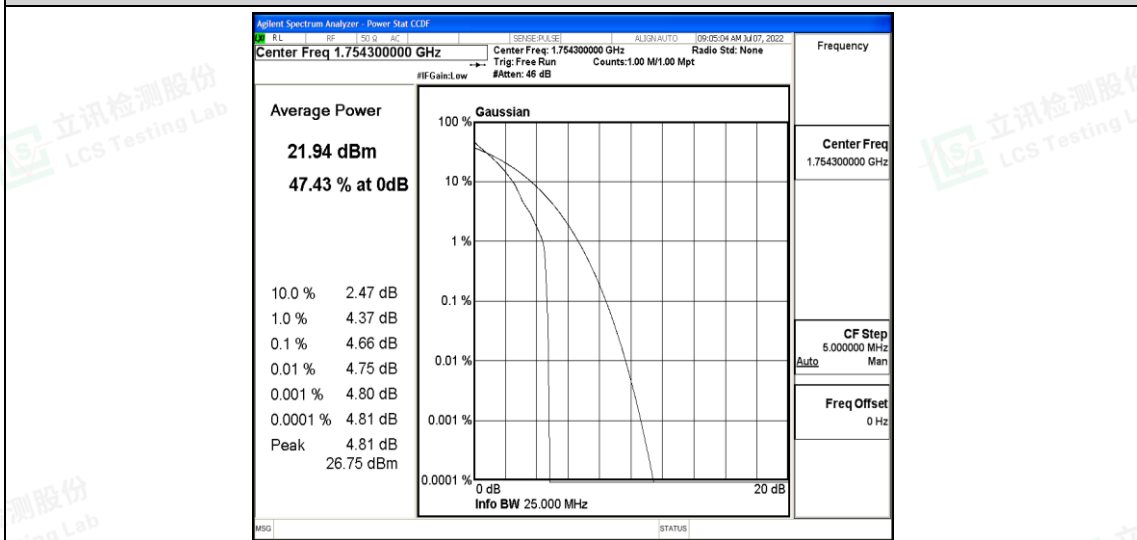




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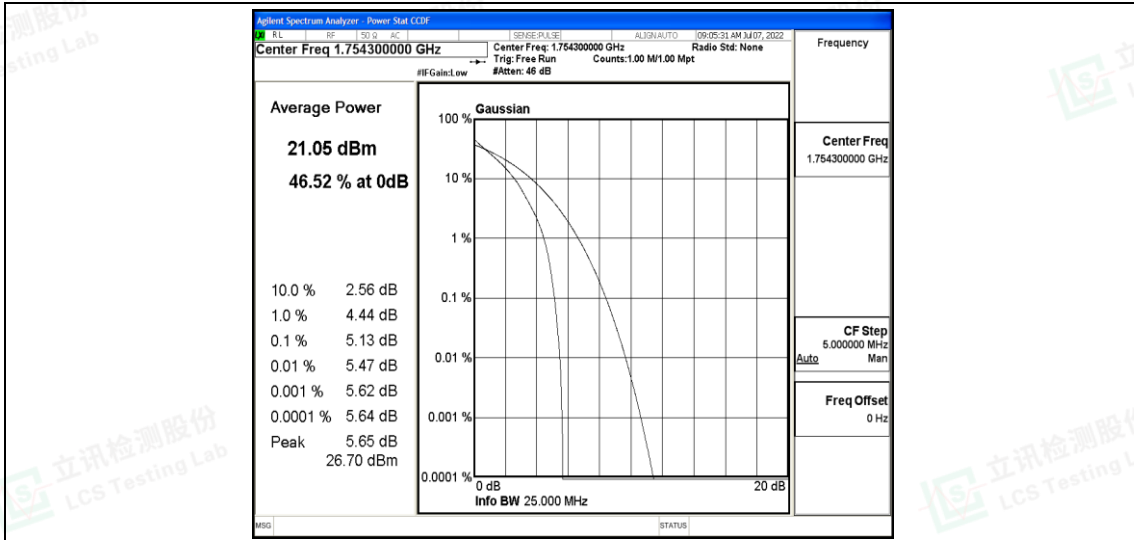


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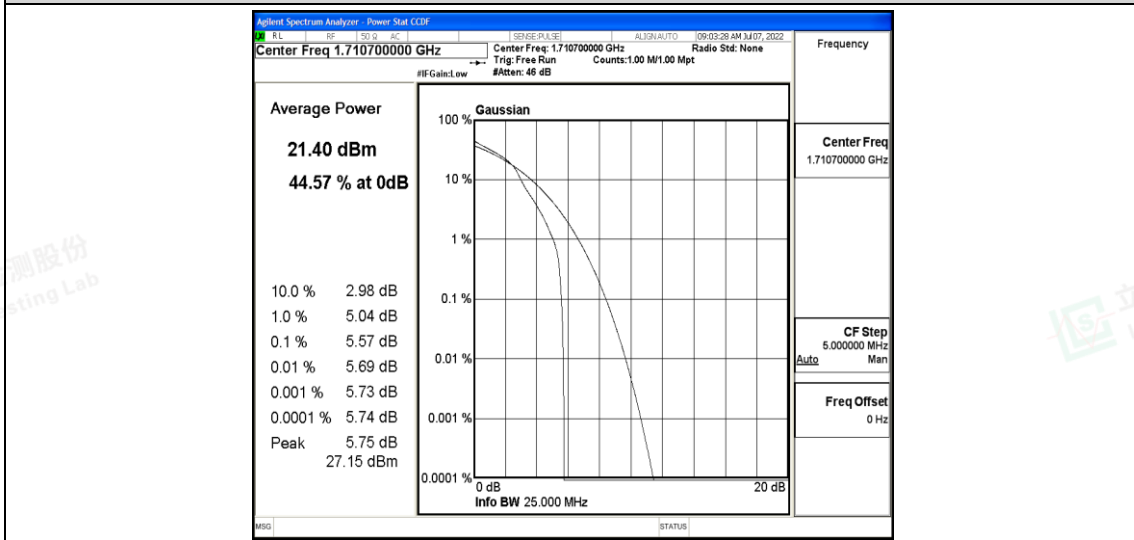


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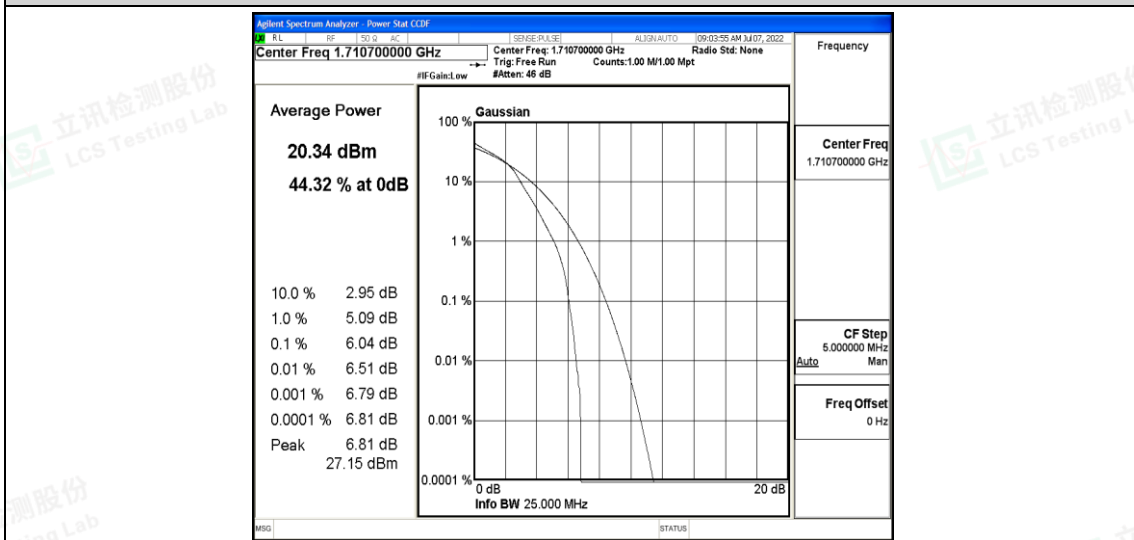




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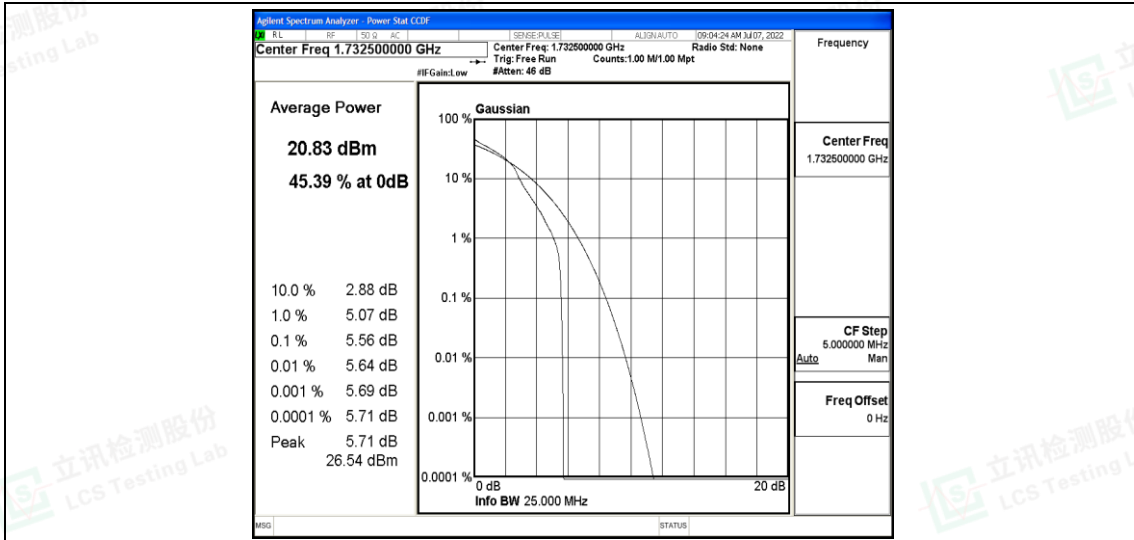


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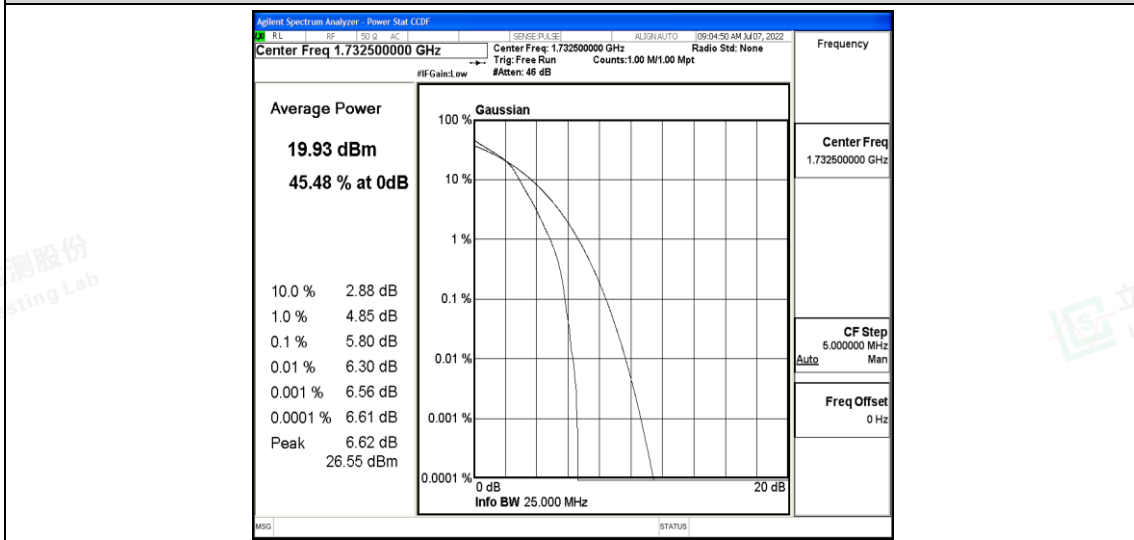


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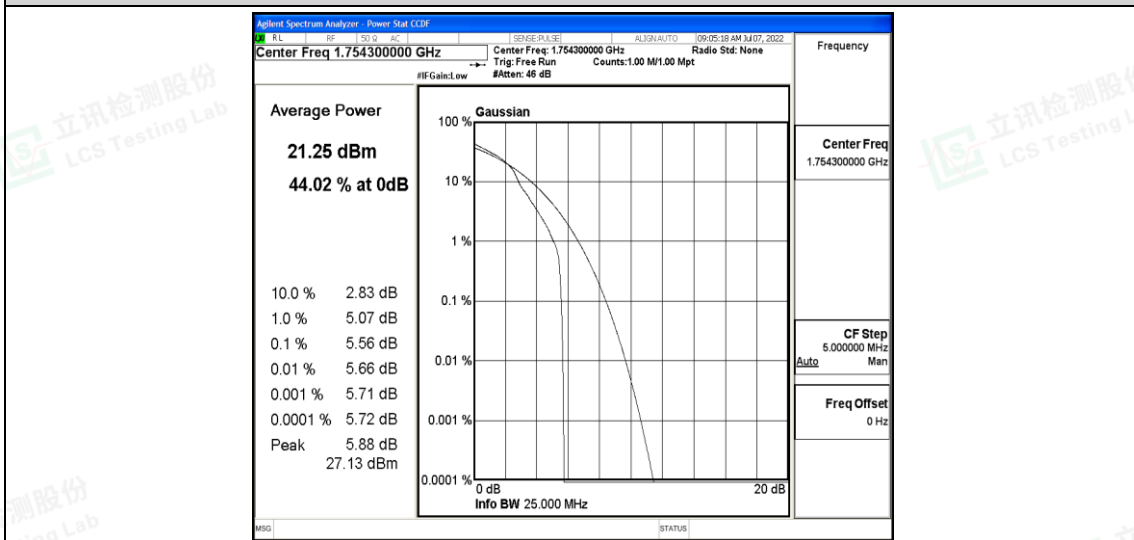




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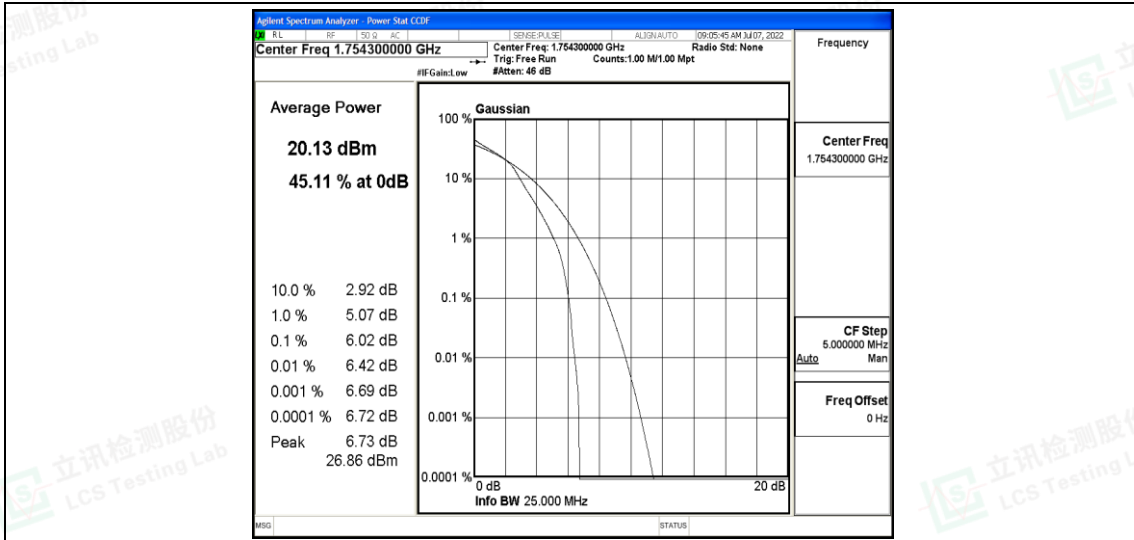


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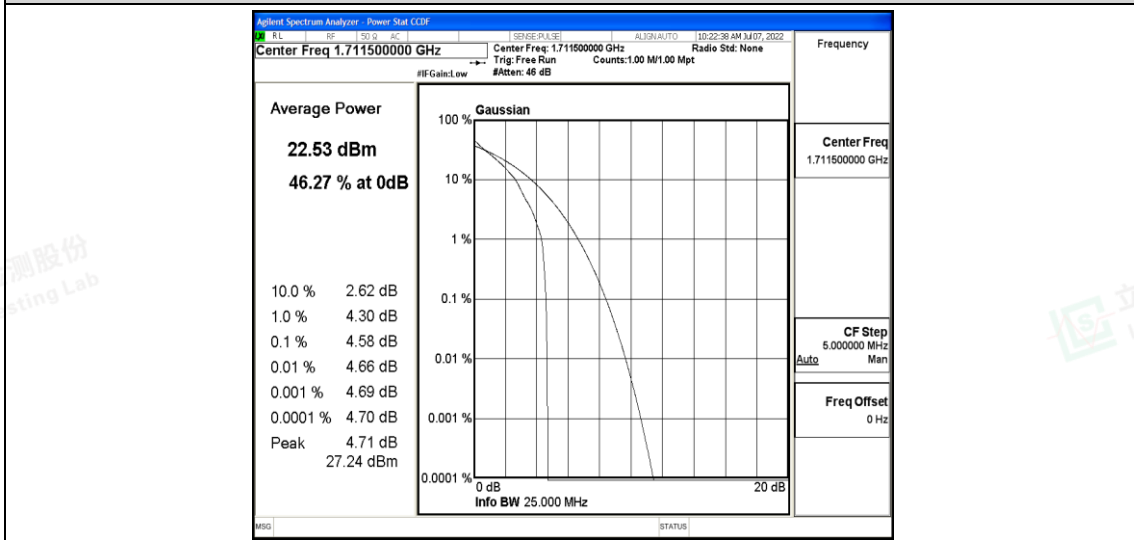


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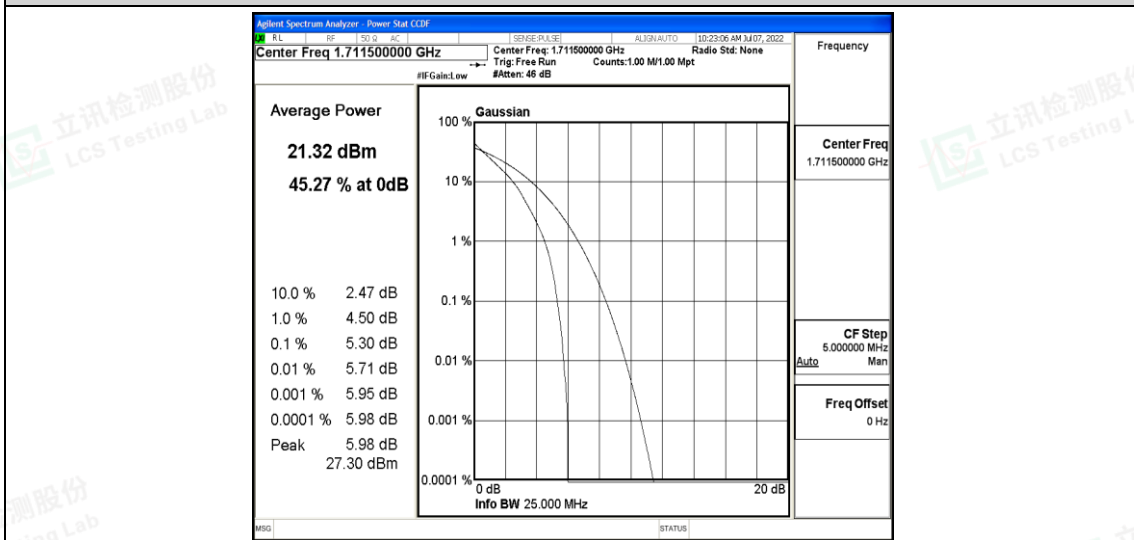




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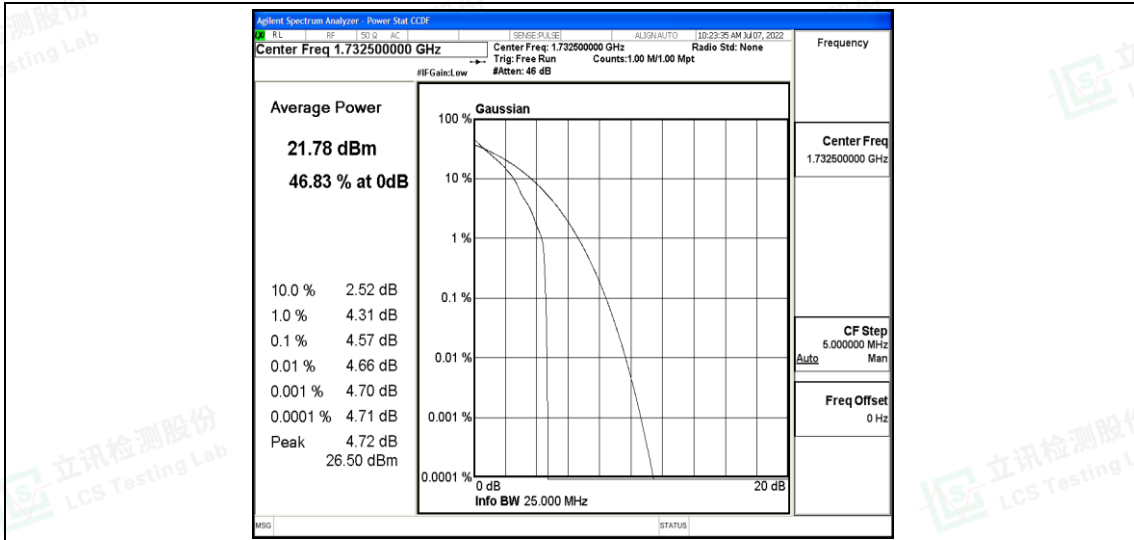


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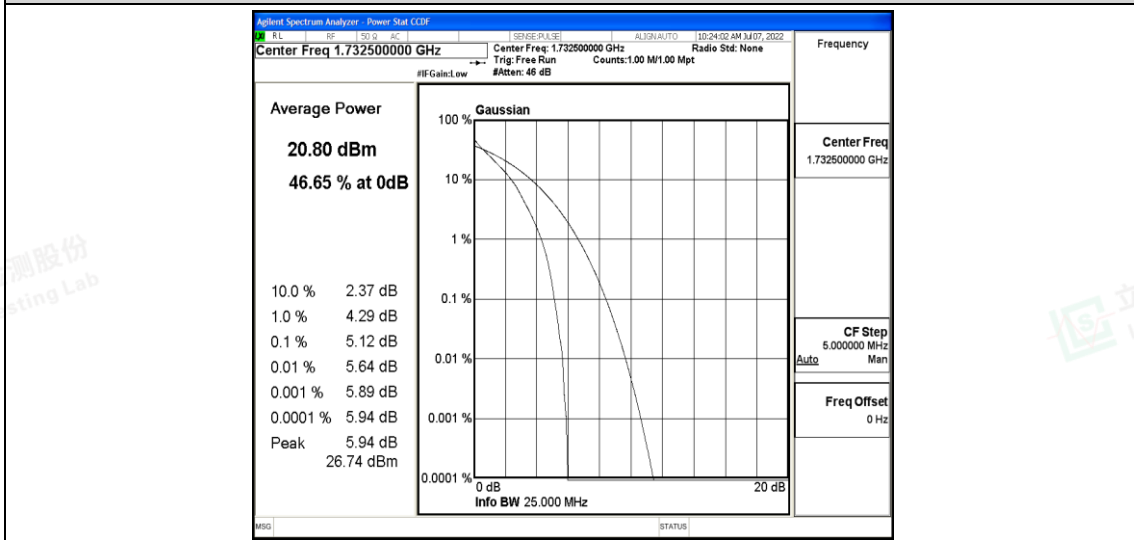


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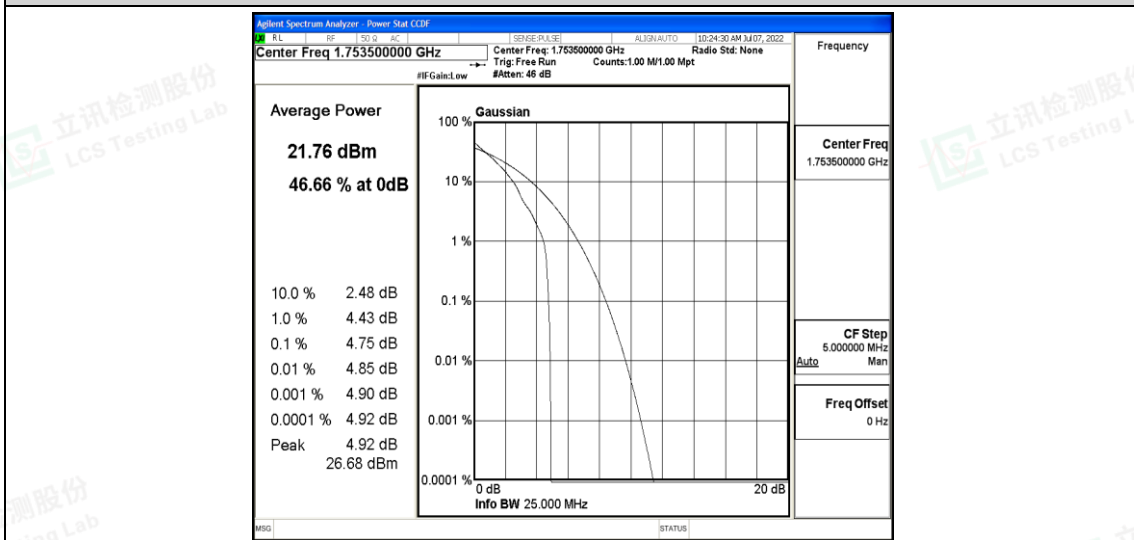




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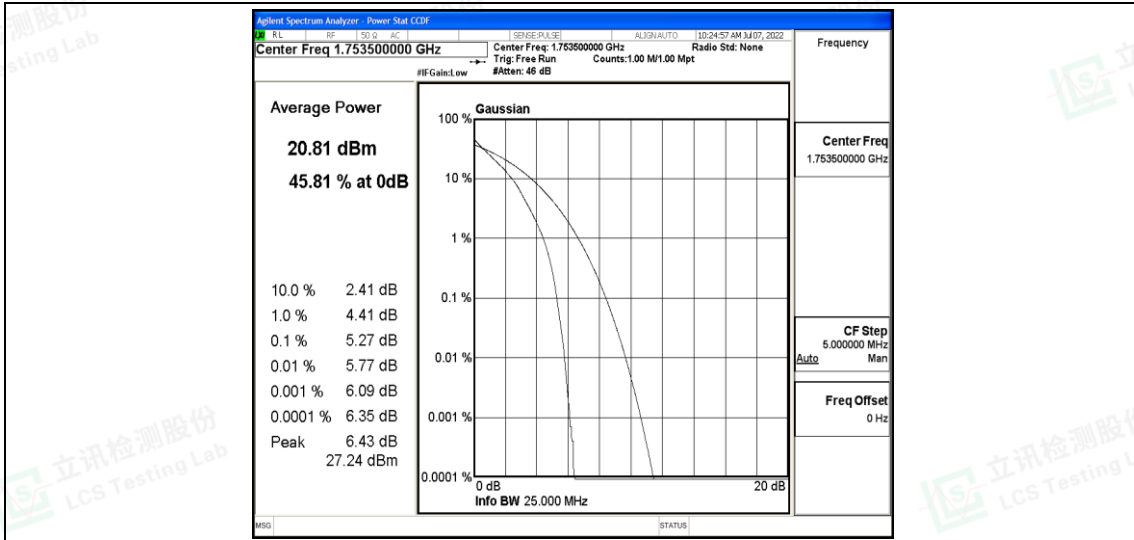


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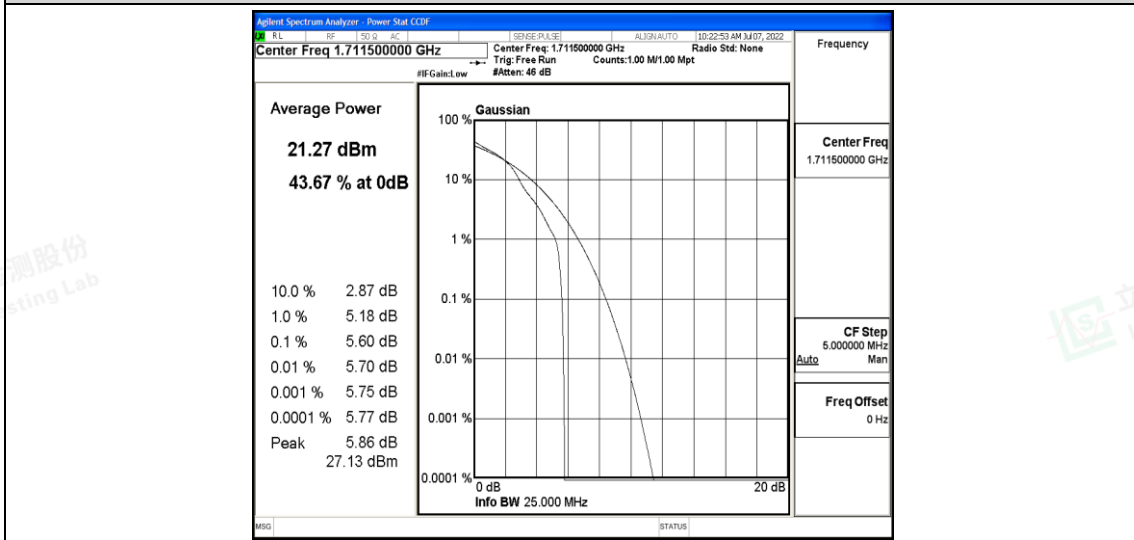


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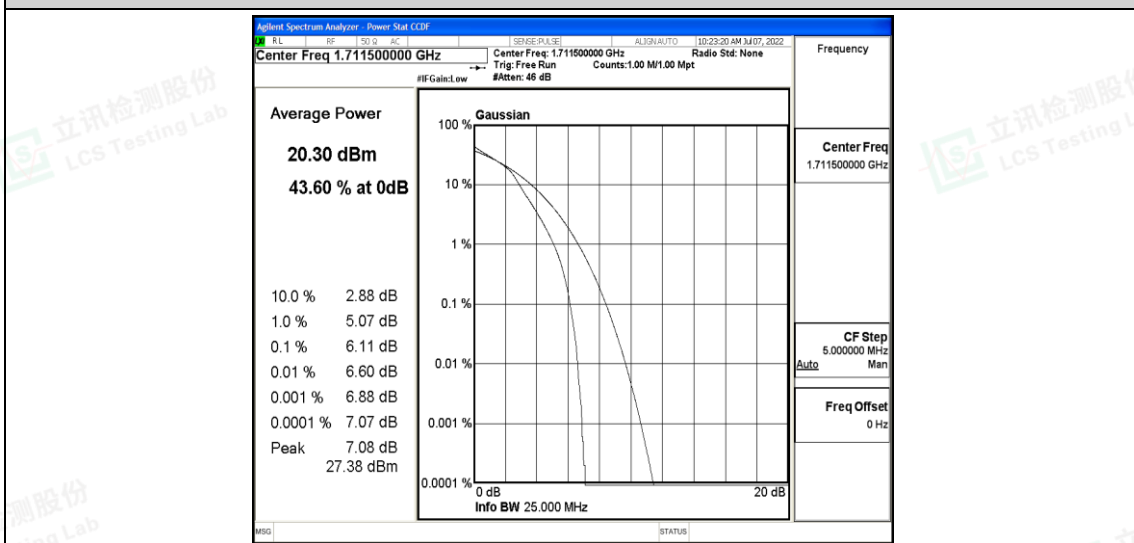




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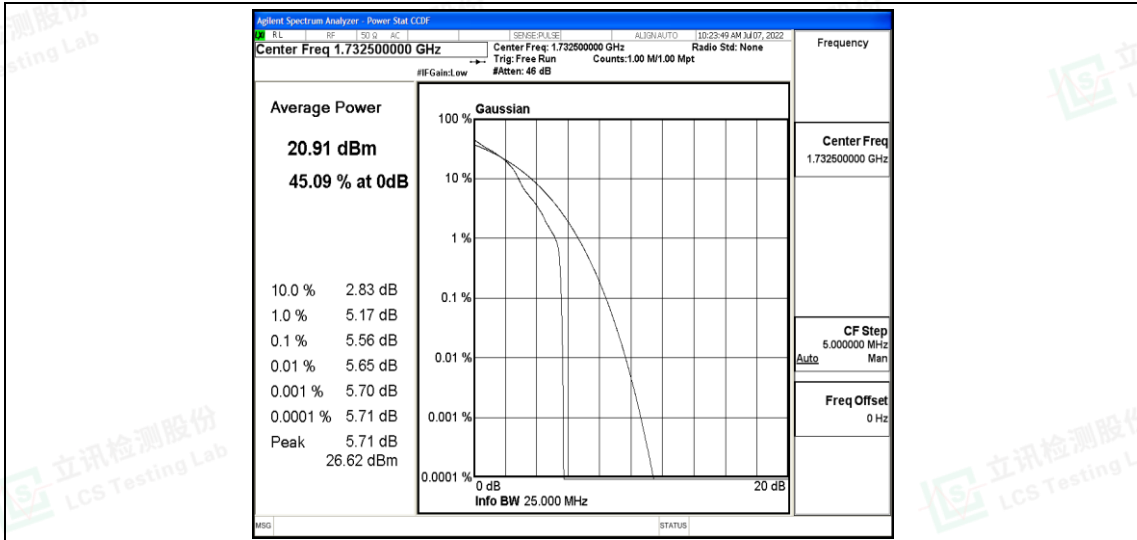


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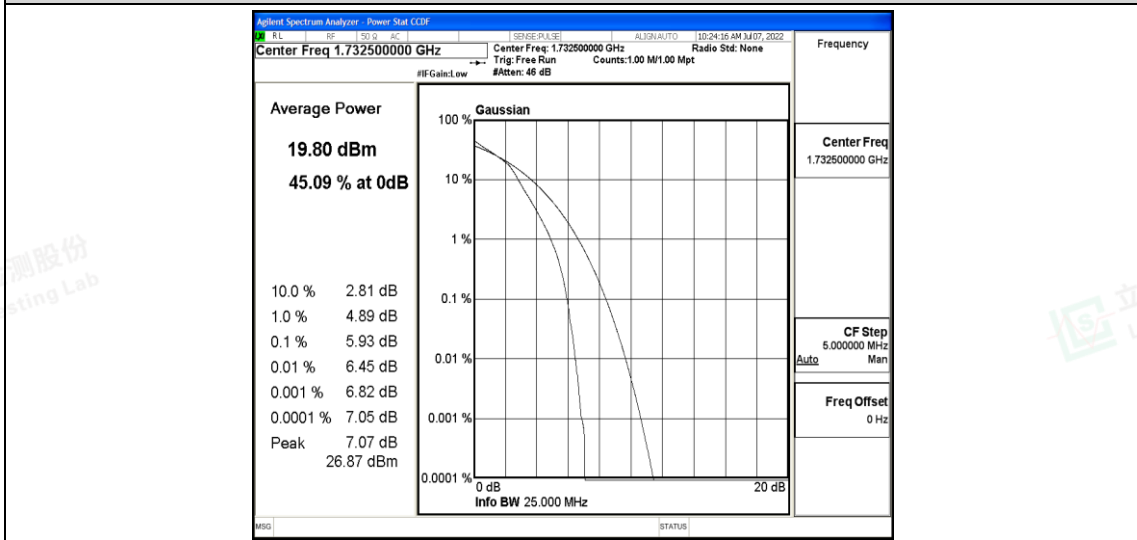


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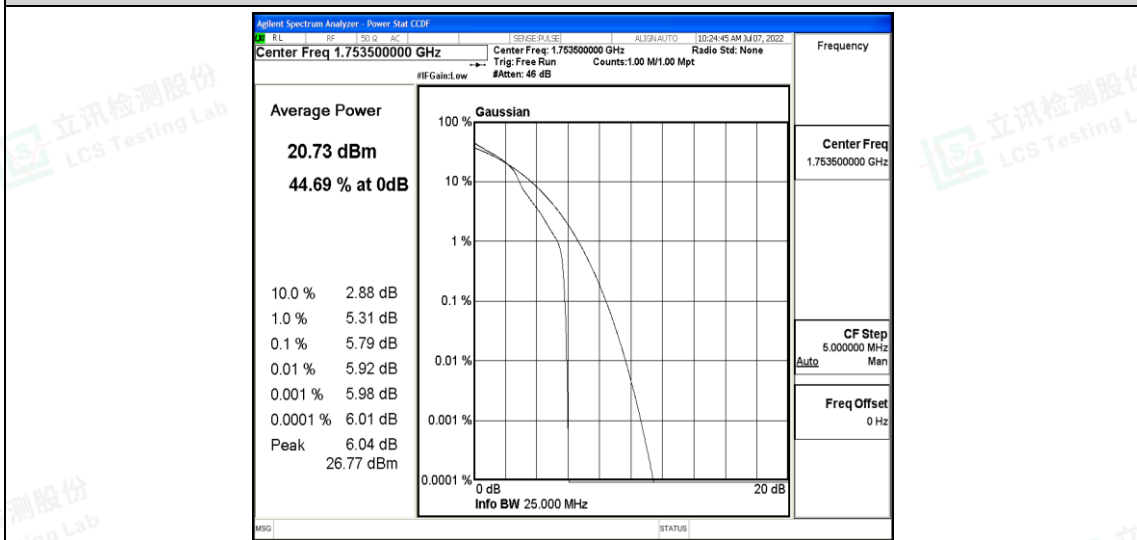




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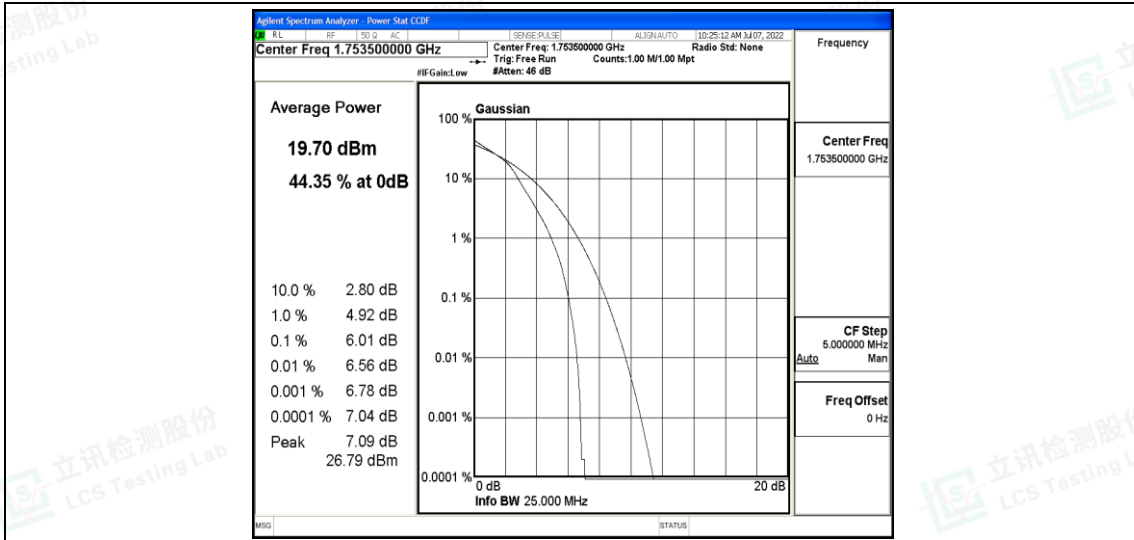


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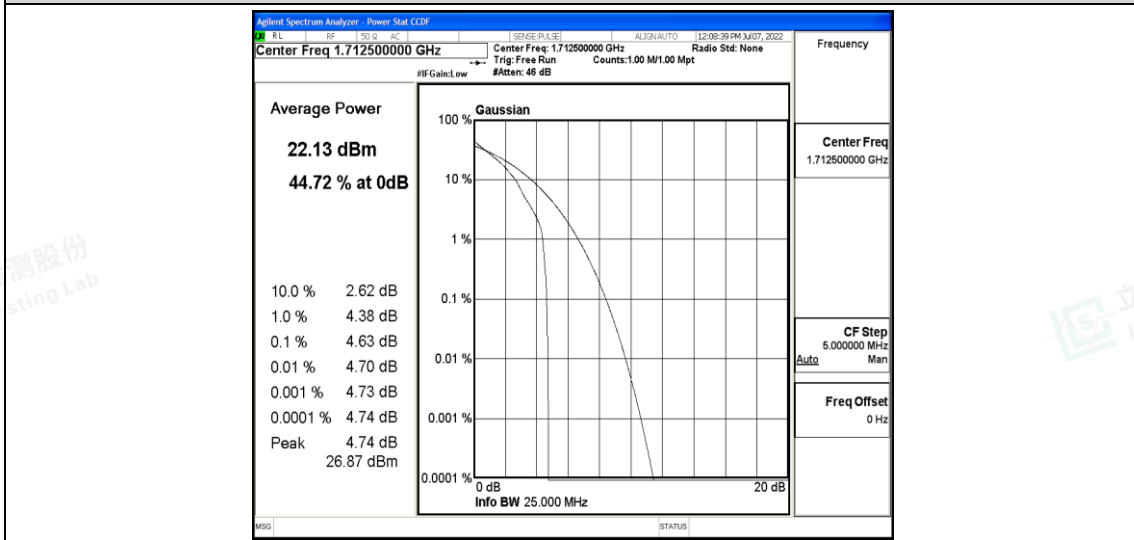


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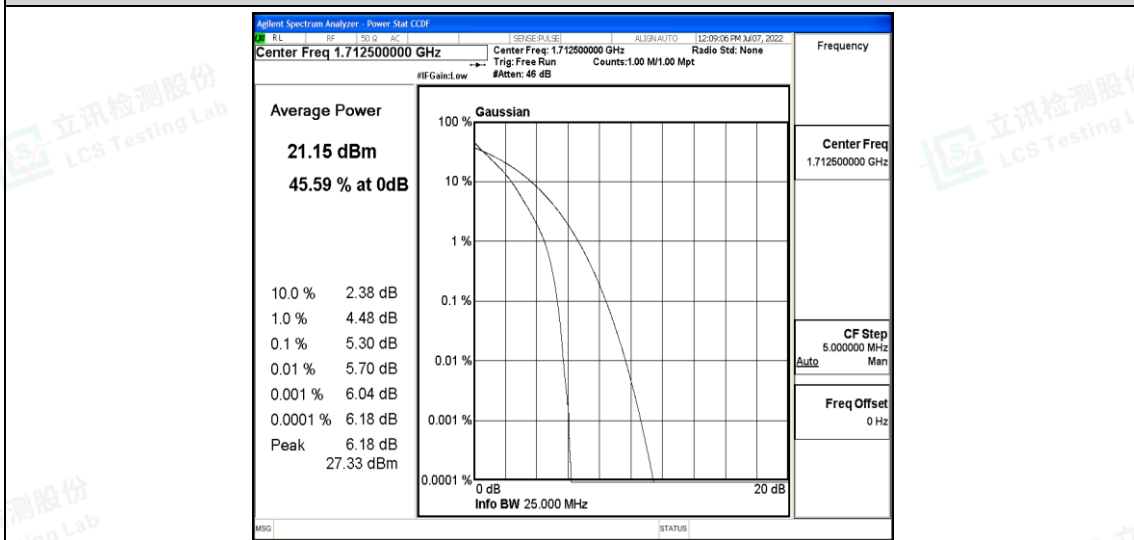




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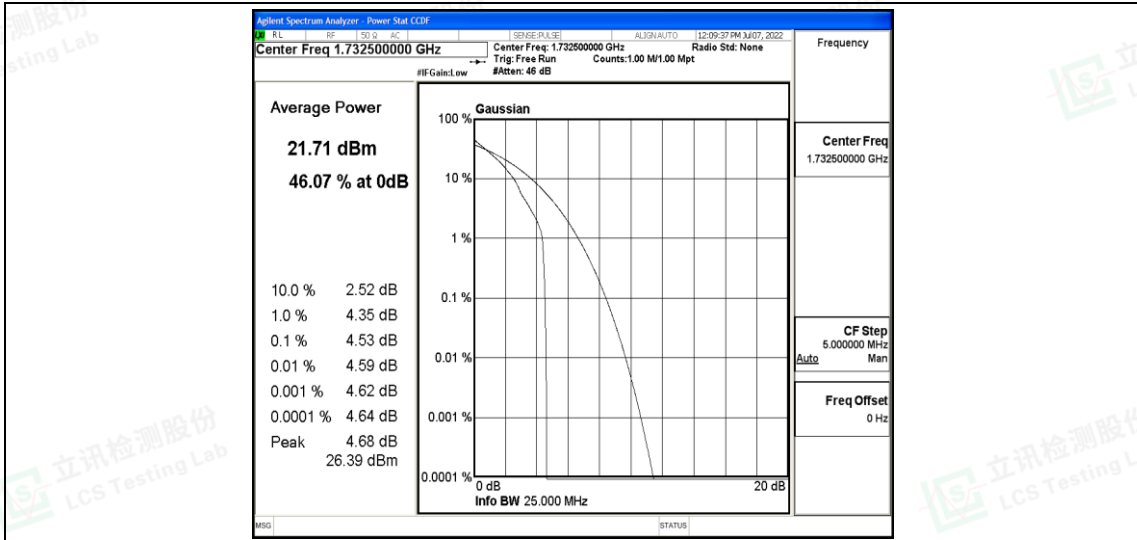


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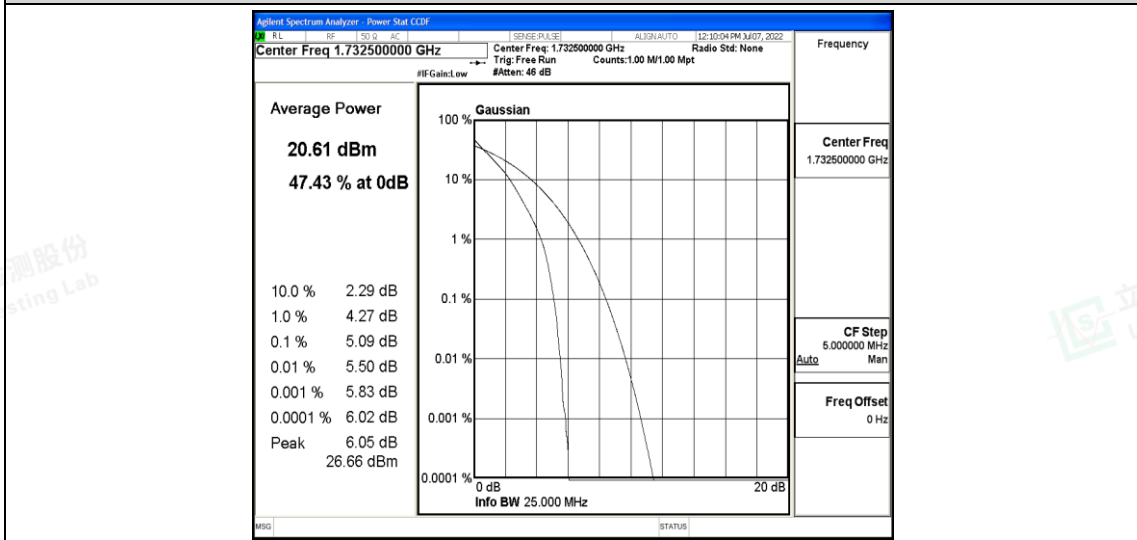


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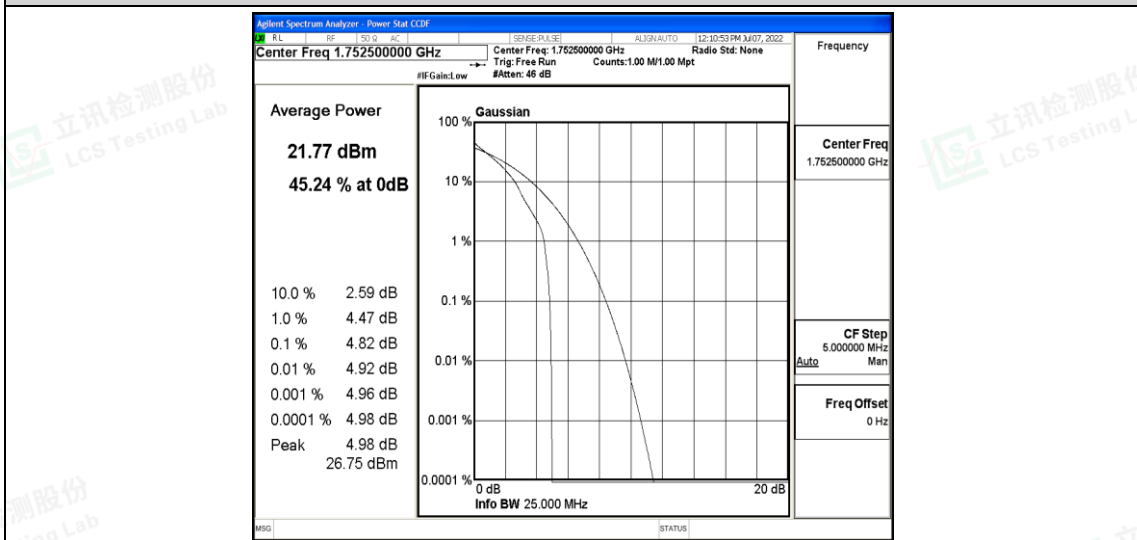




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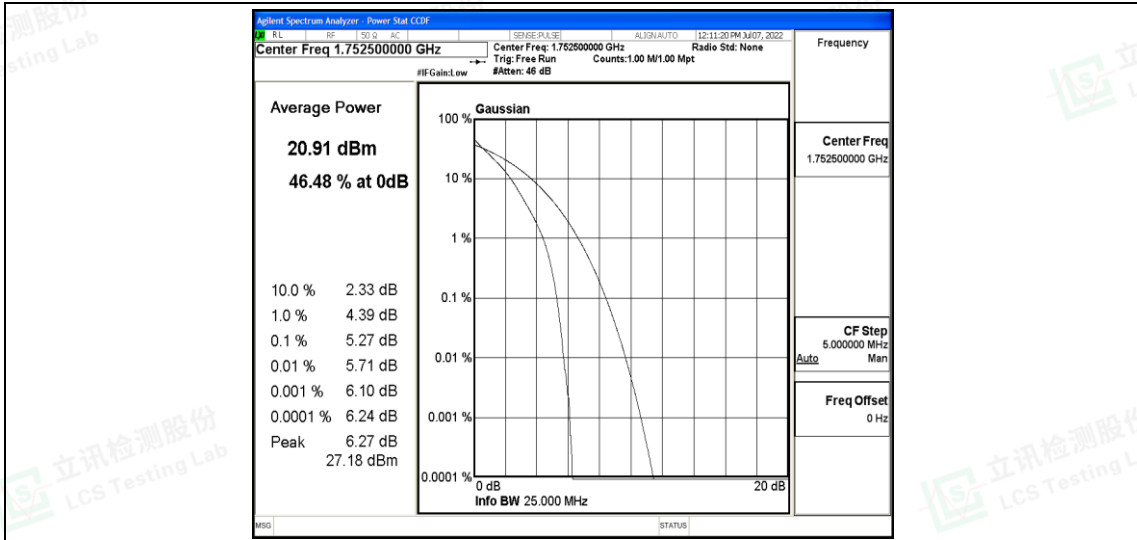


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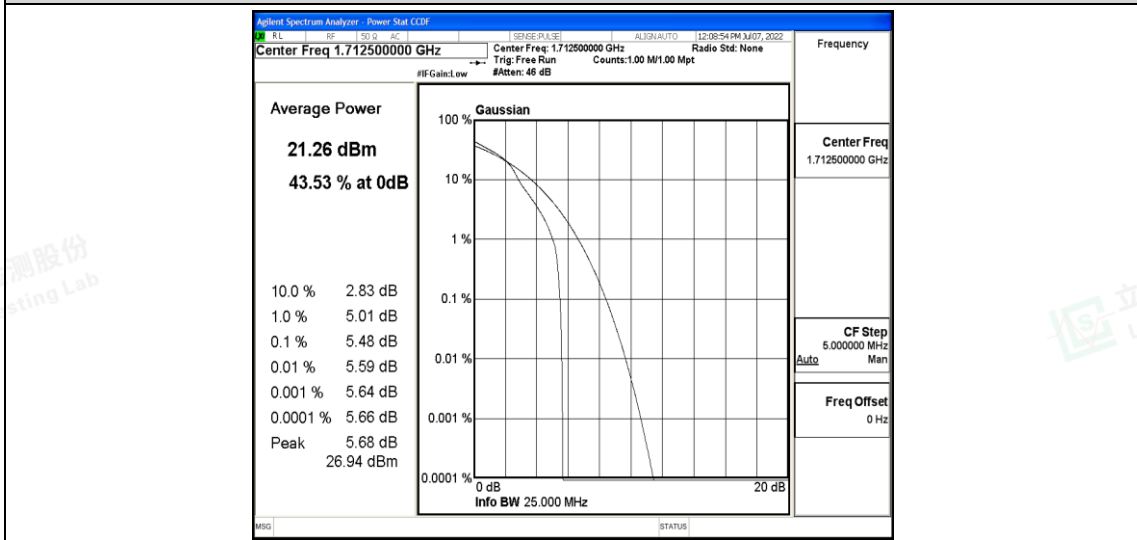


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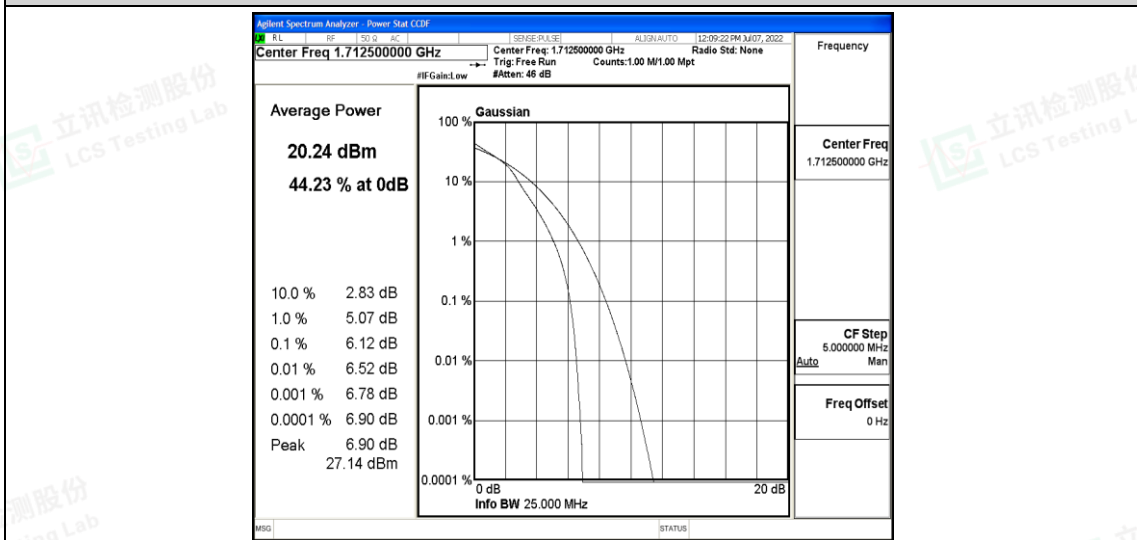




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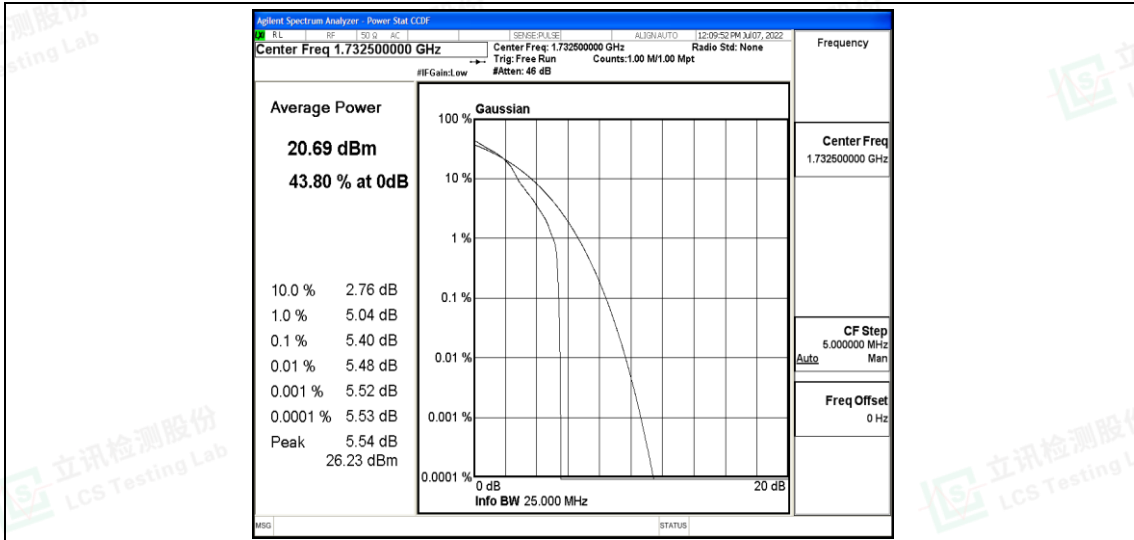
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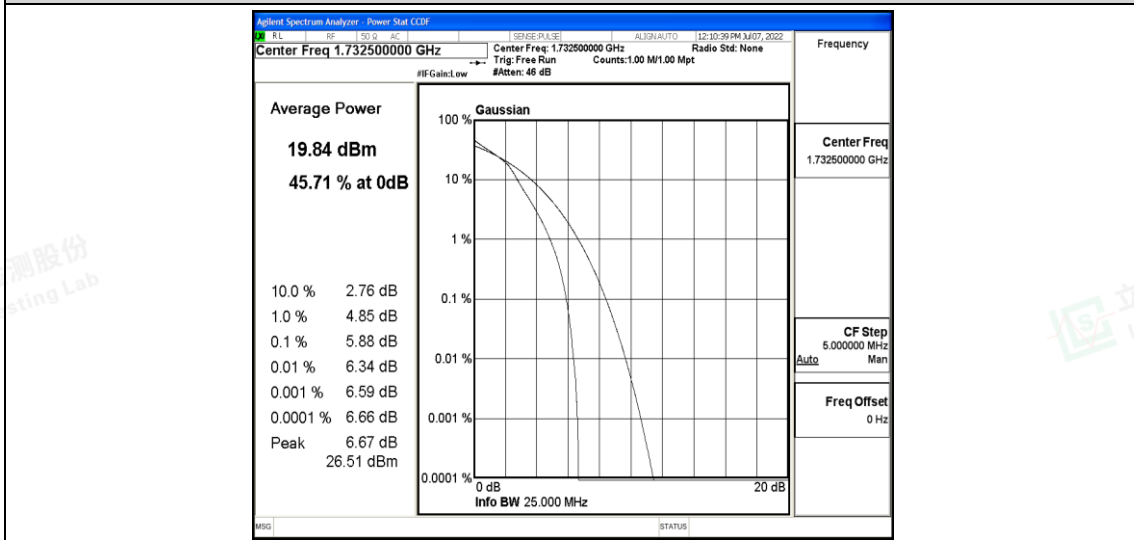
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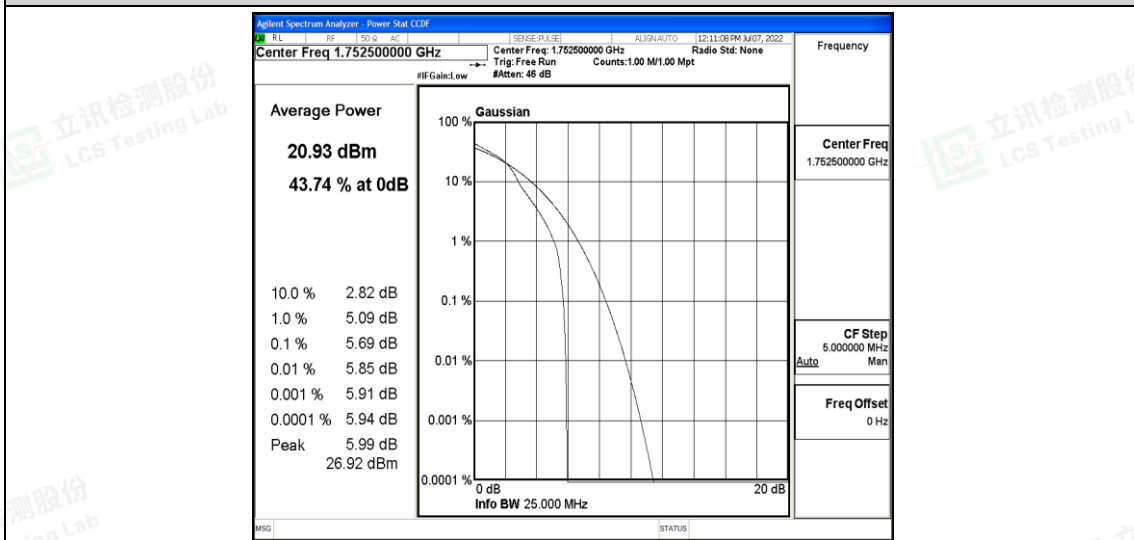
Shenzhen LCS Compliance Testing Laboratory Ltd.
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity



Band4-5MHz-16QAM-20175-25RB#0

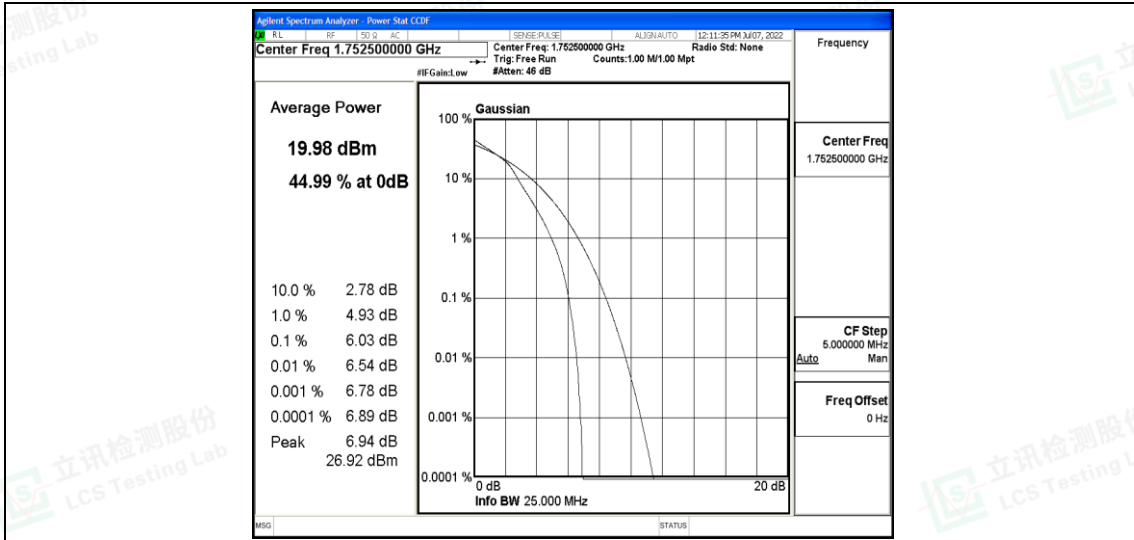


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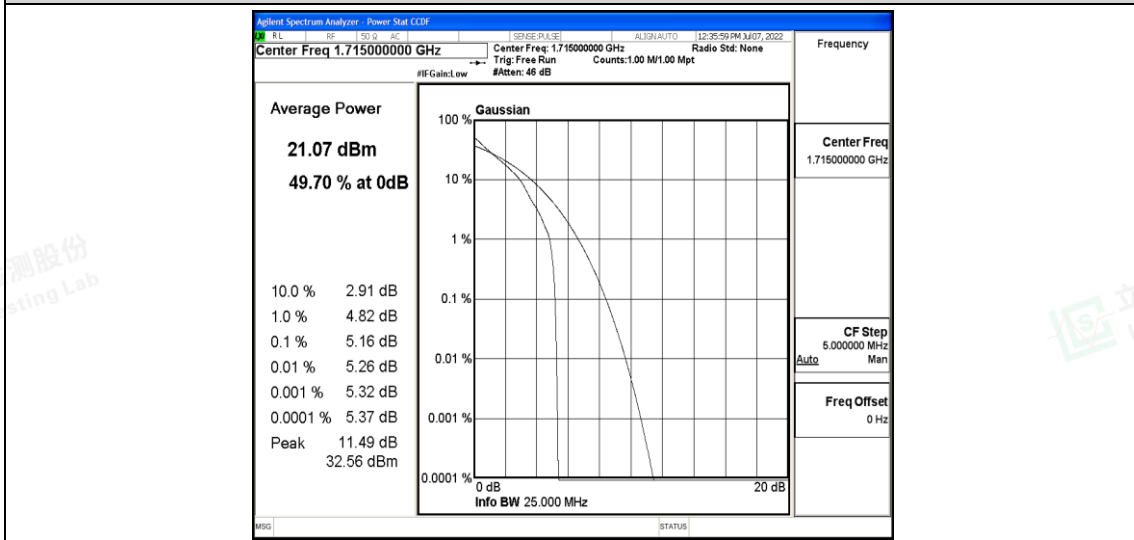


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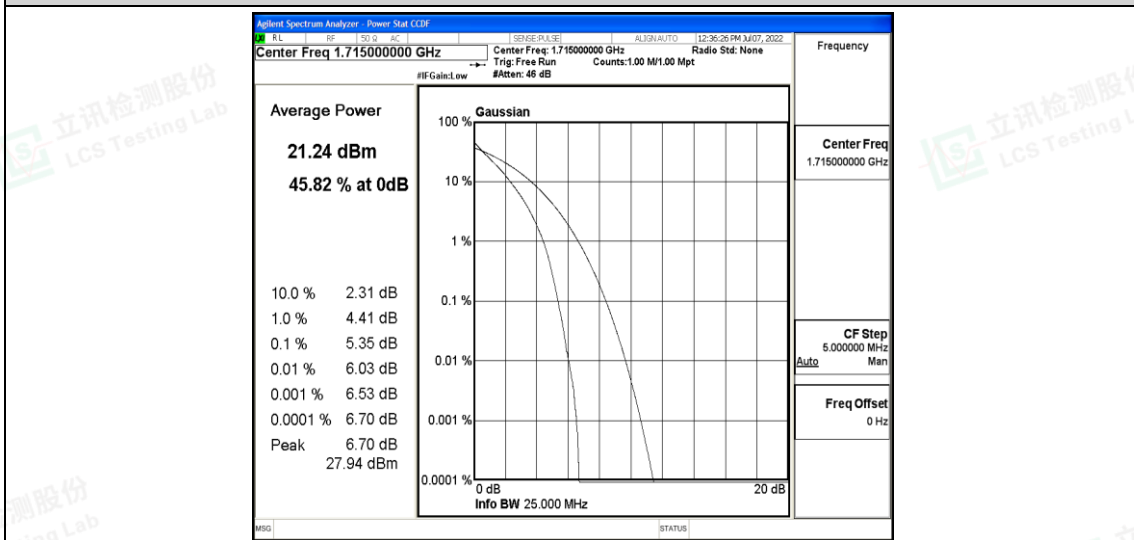




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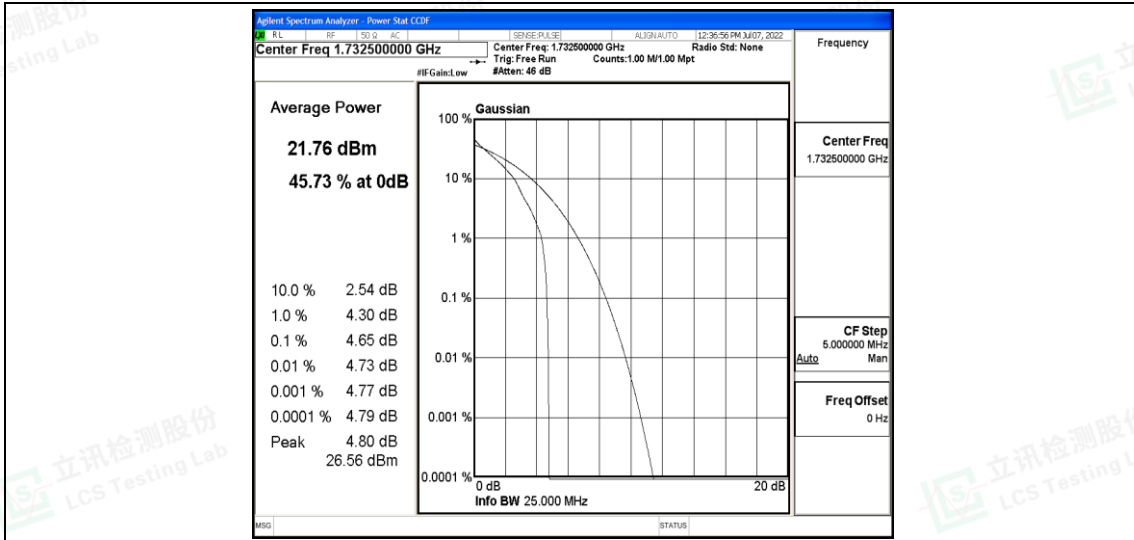


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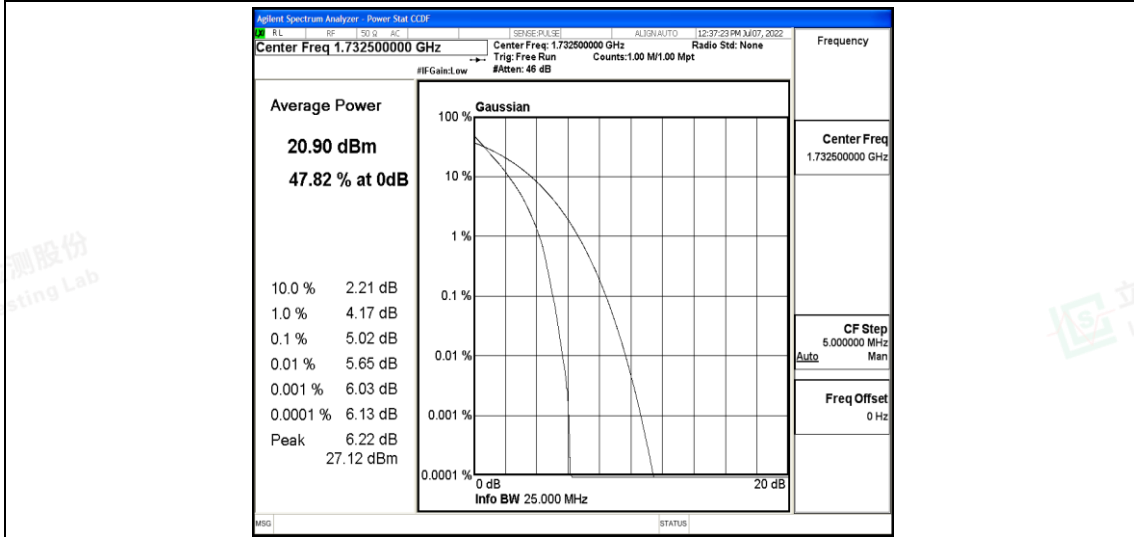


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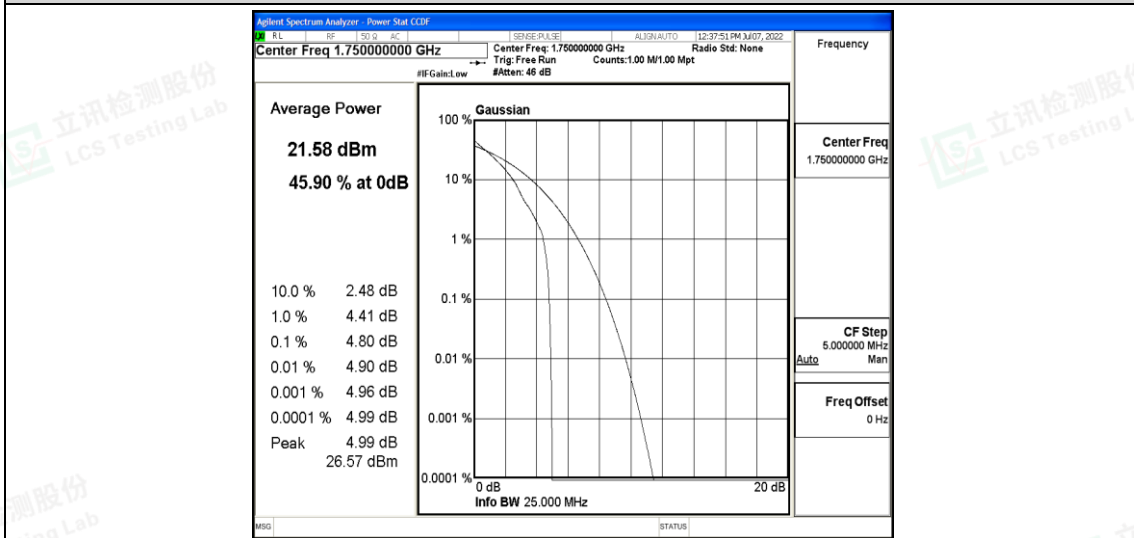




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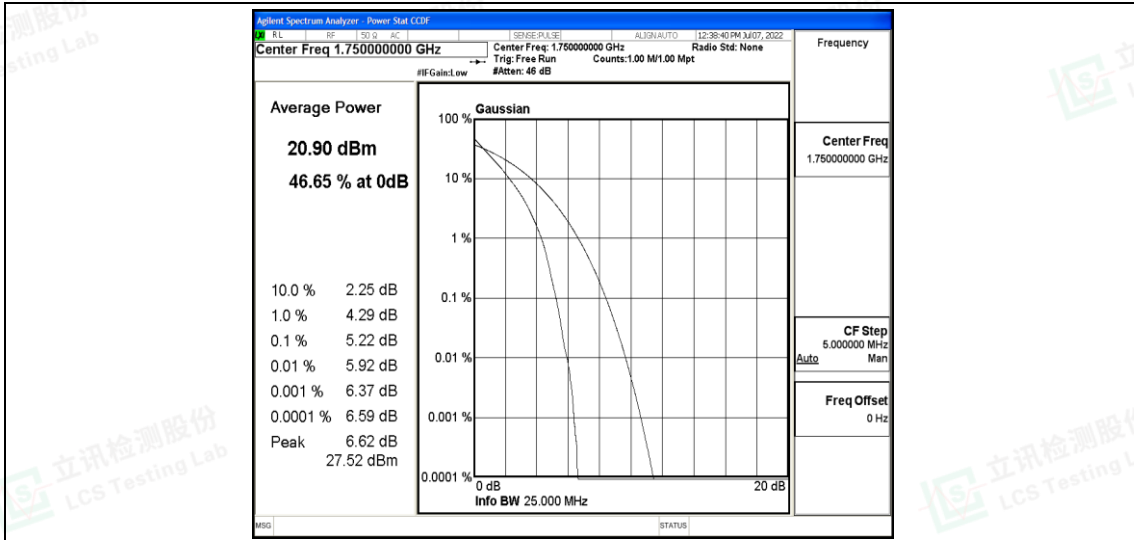


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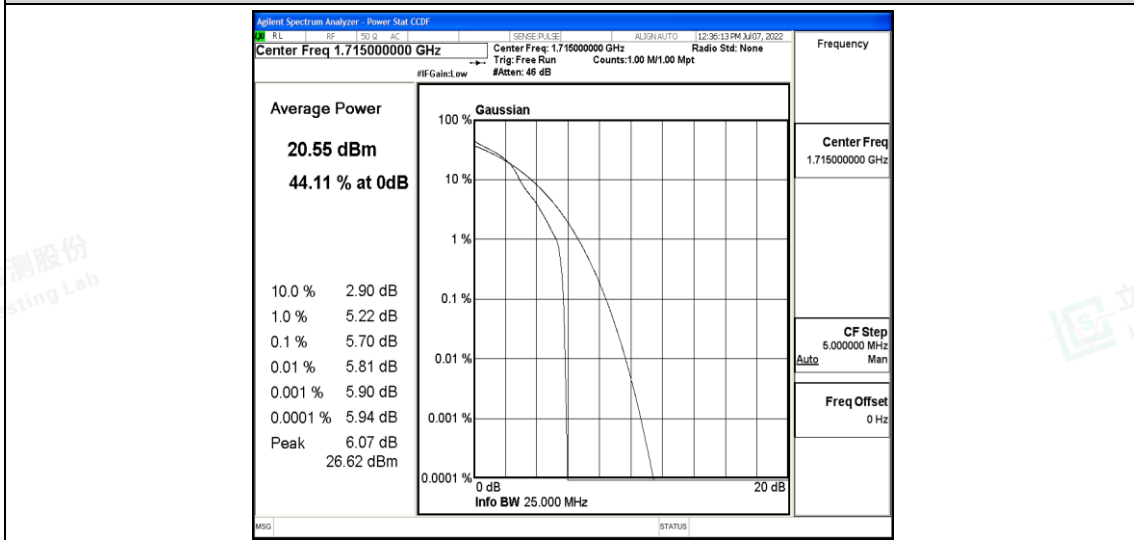


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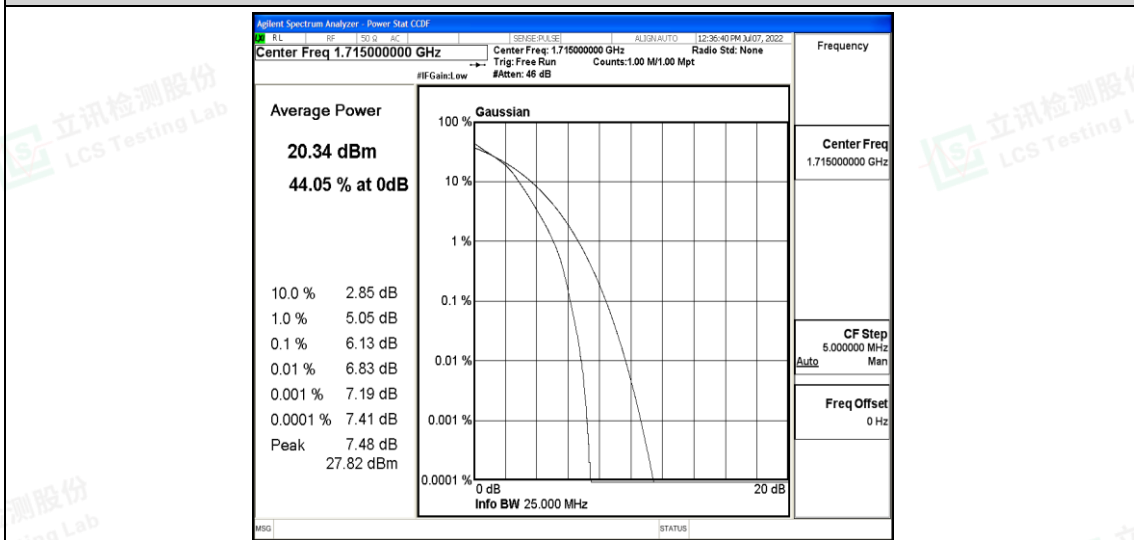




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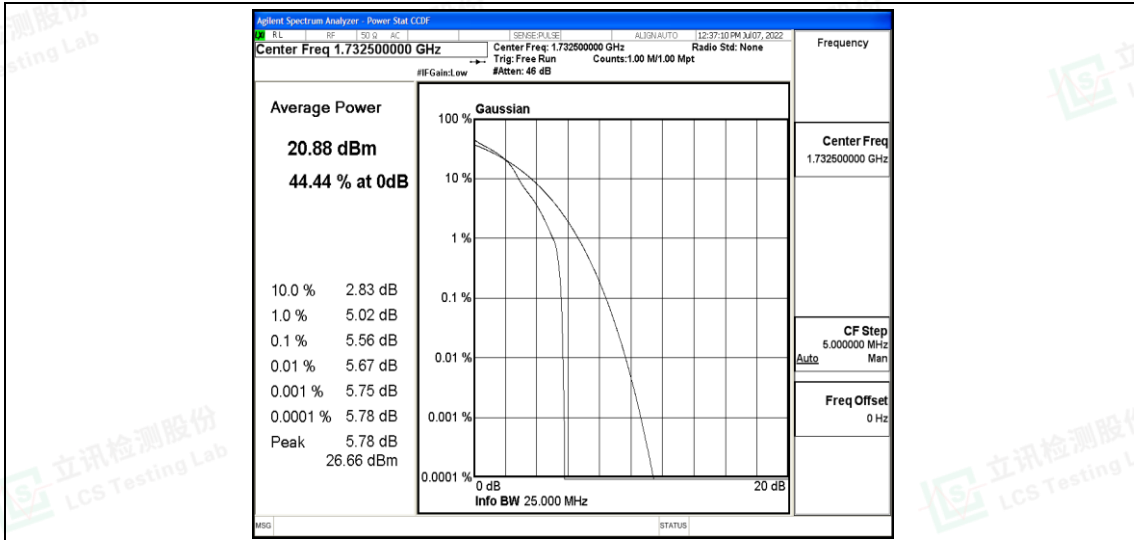


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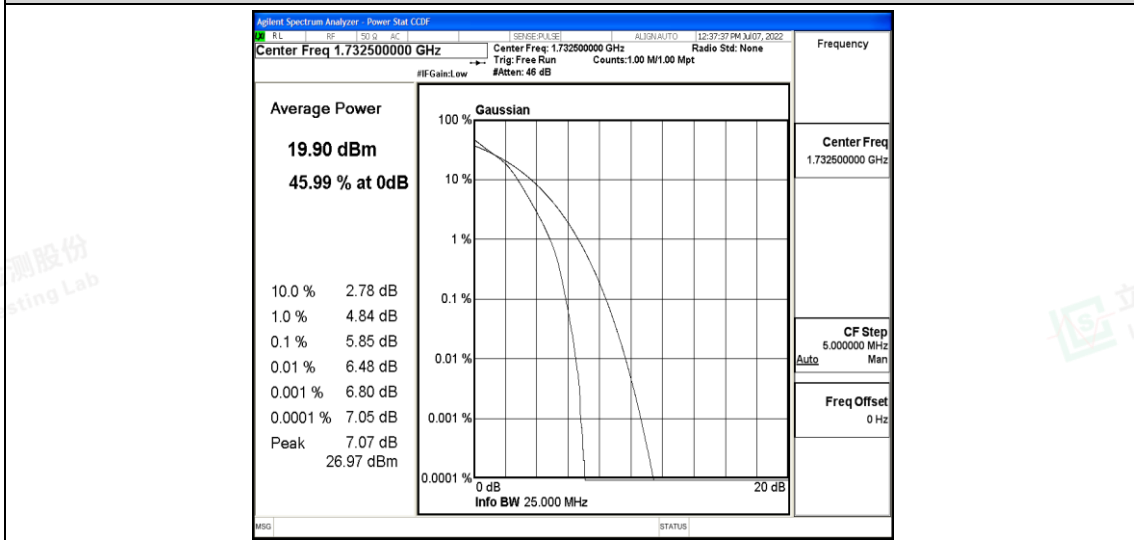


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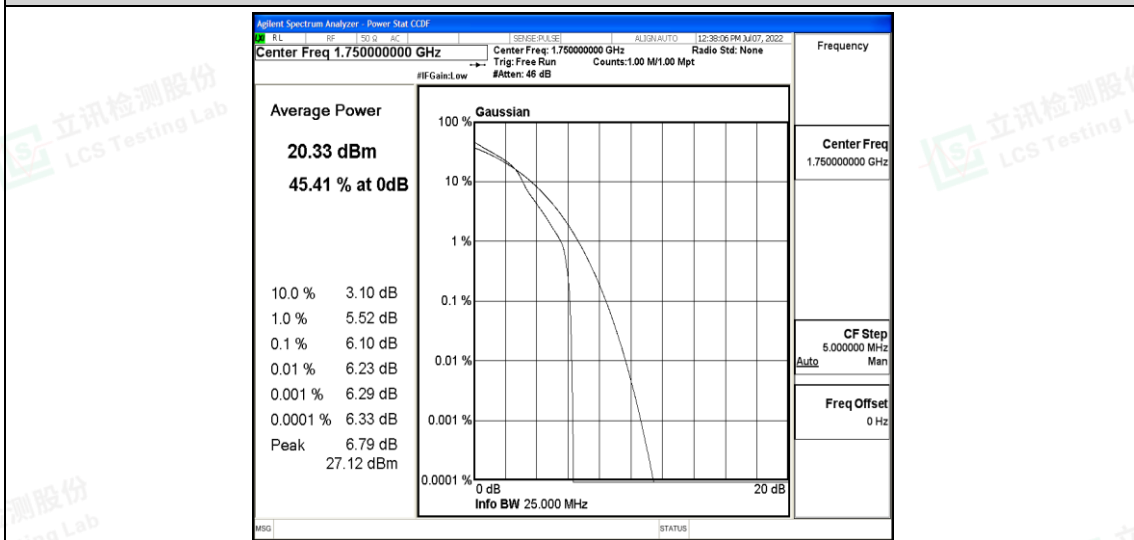




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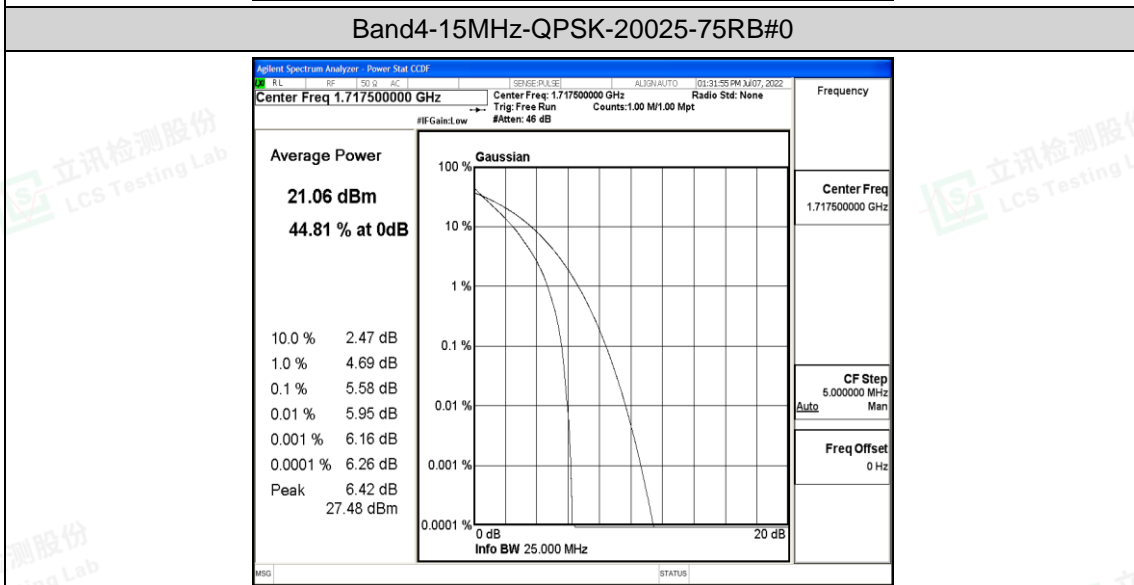
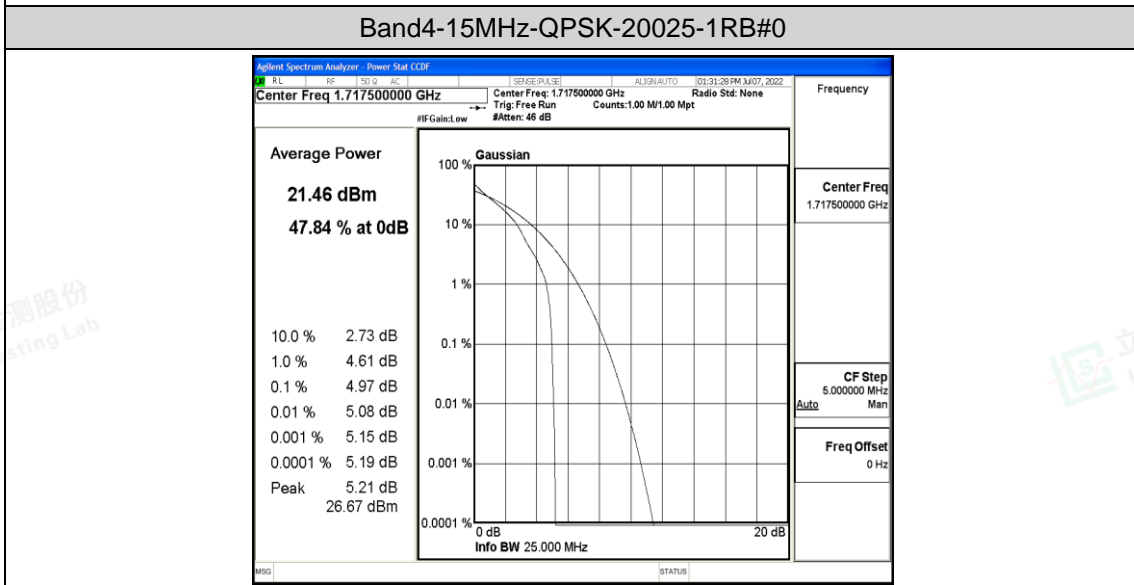
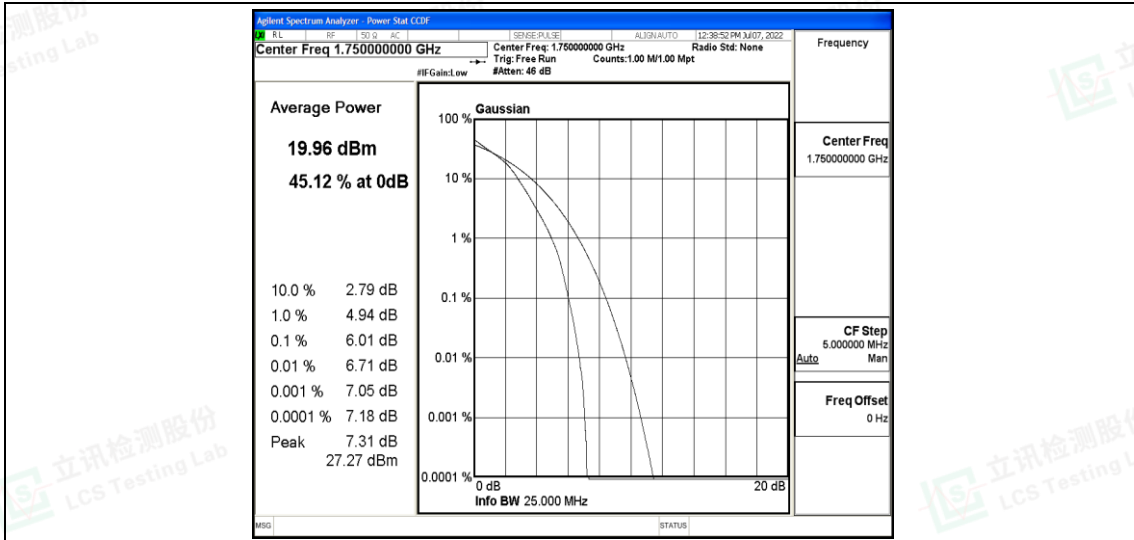


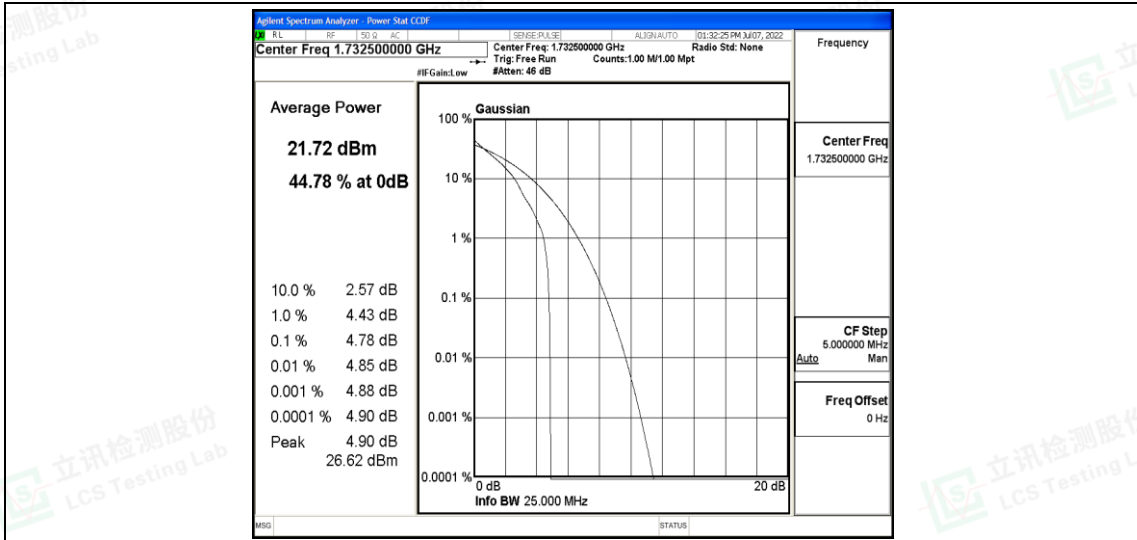
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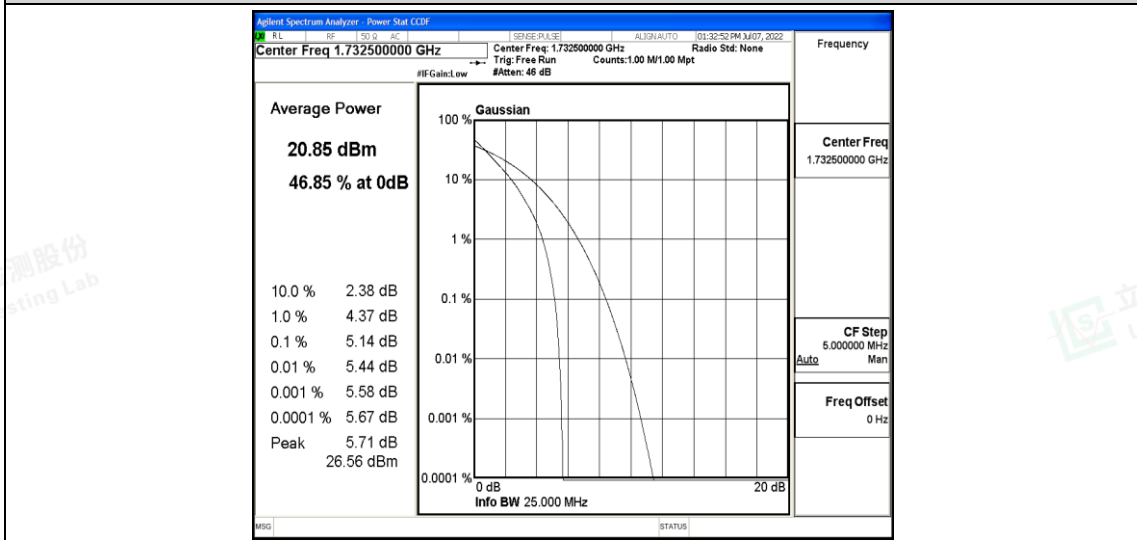
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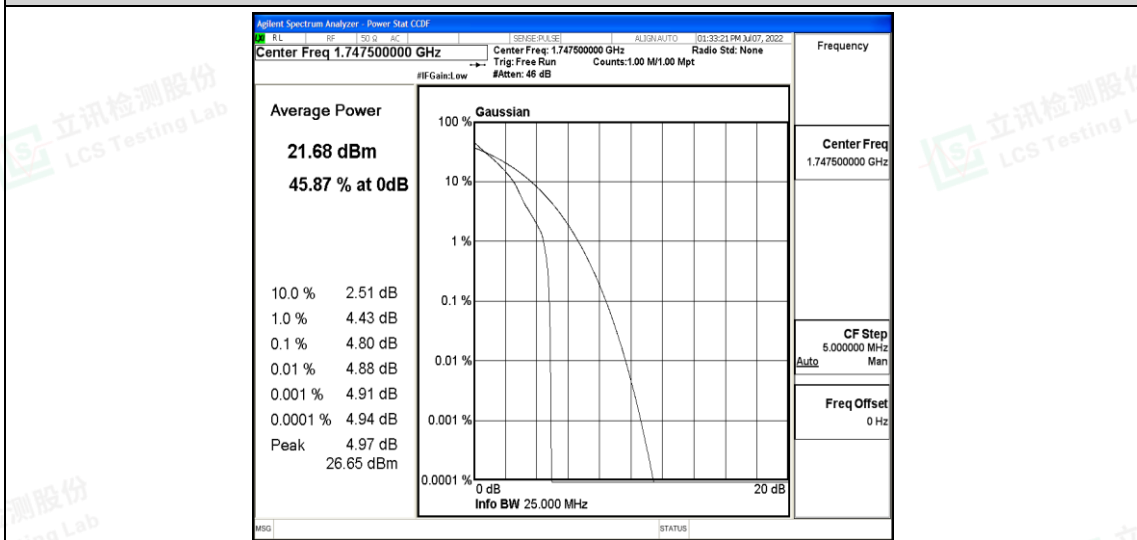




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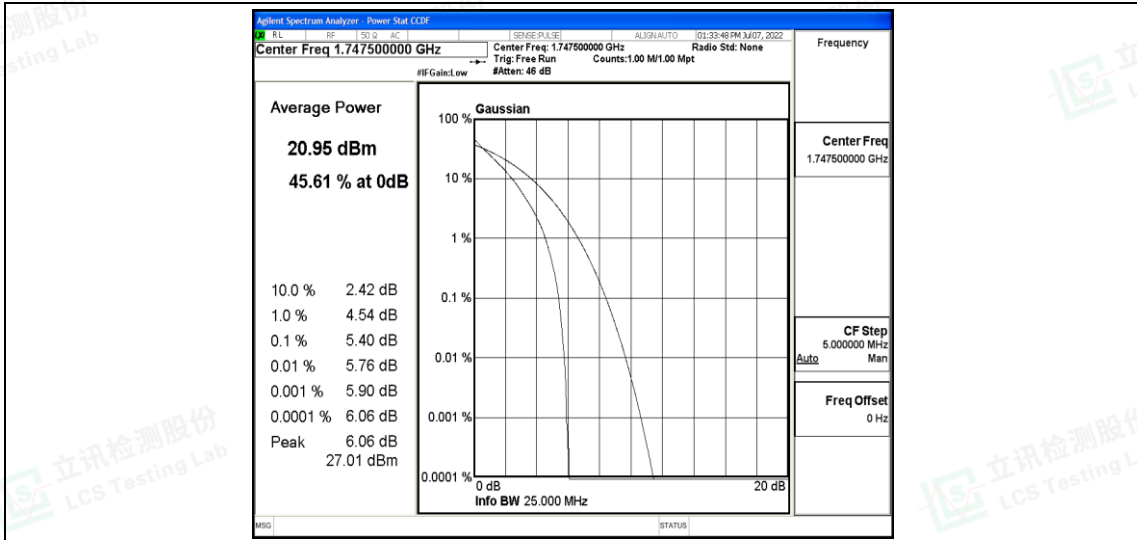


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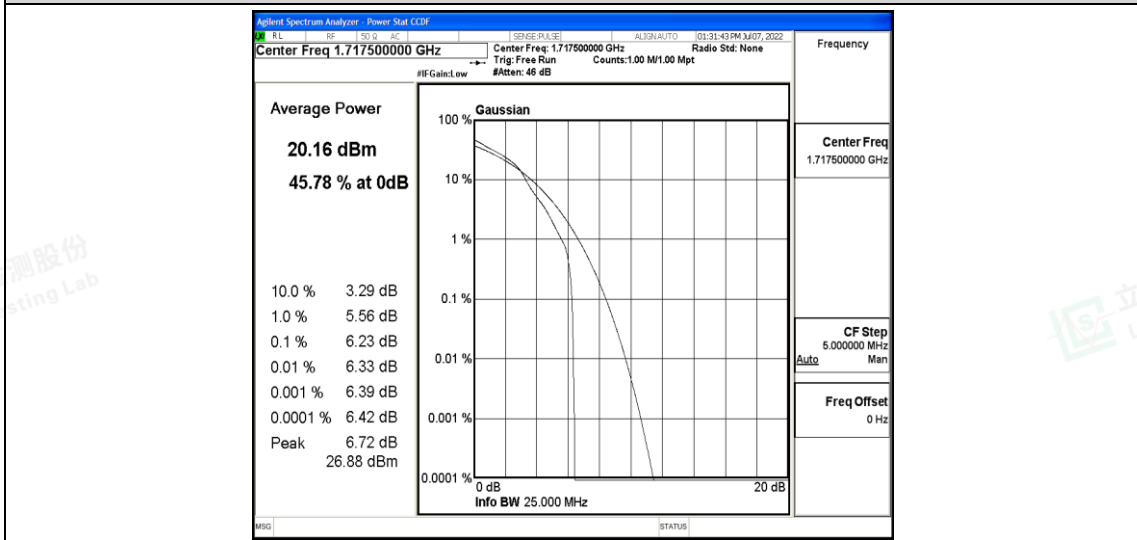


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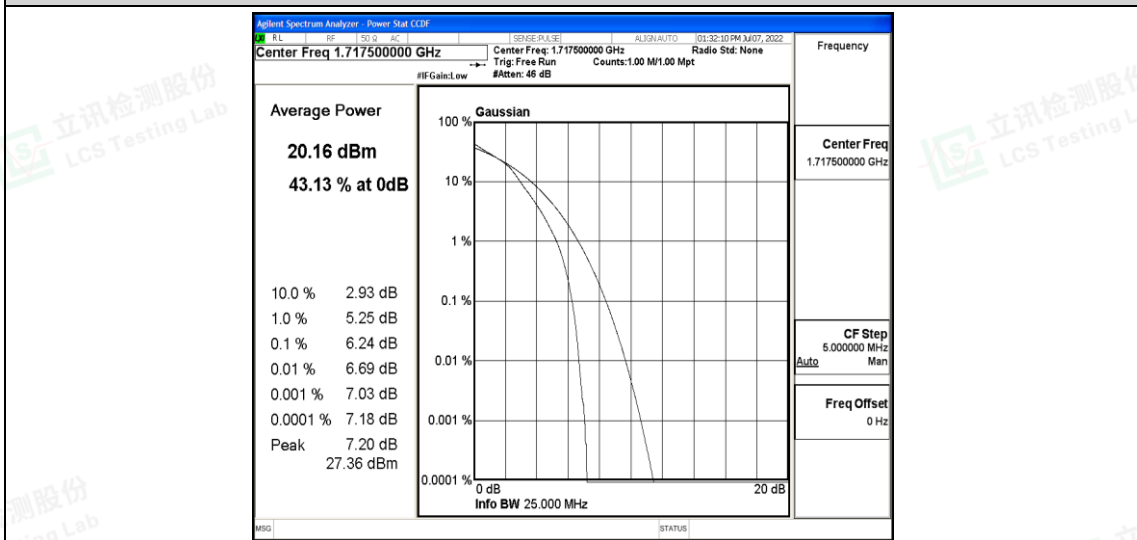




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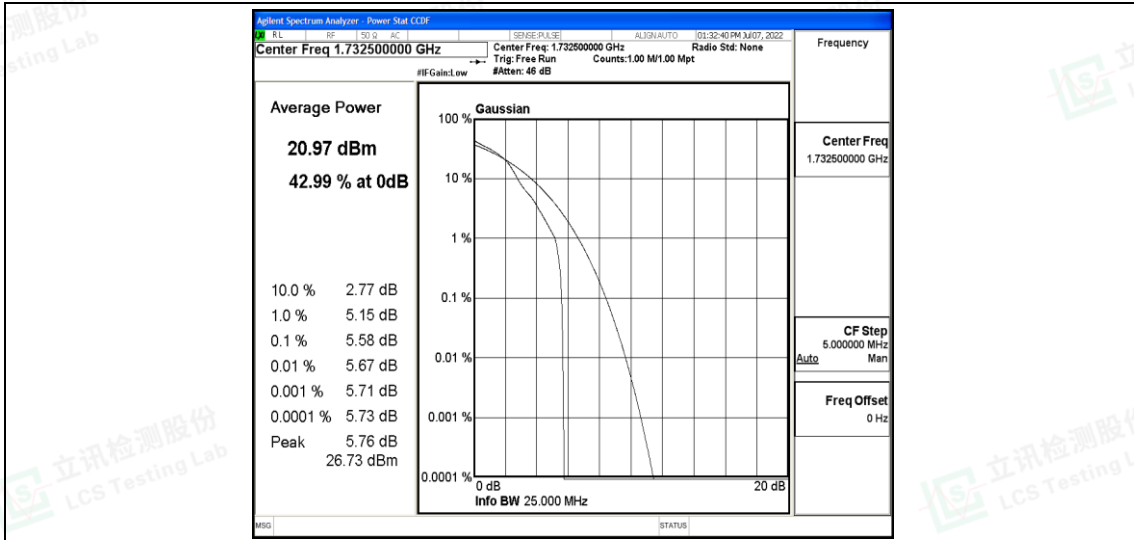


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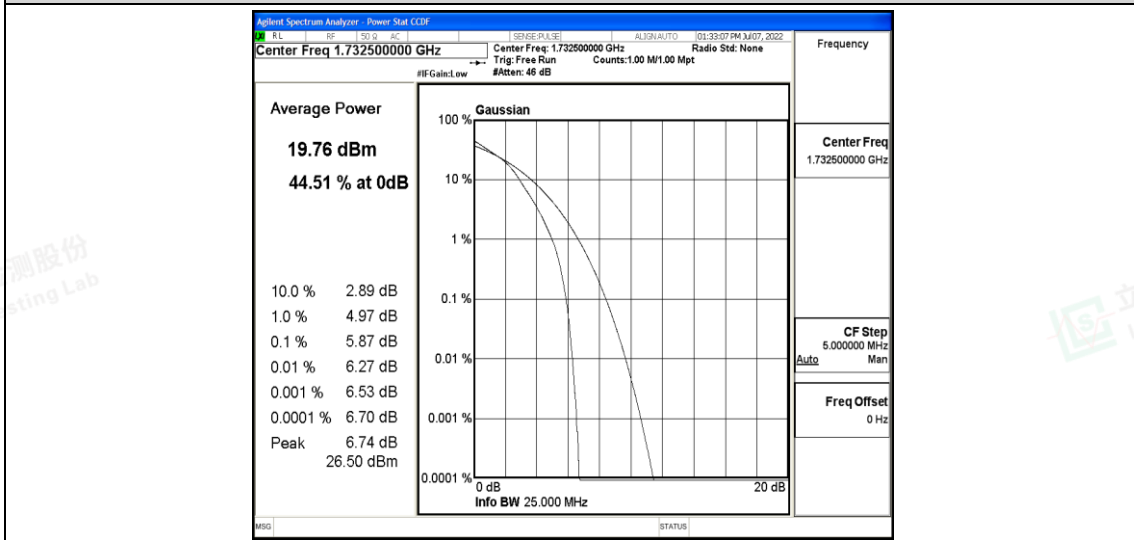


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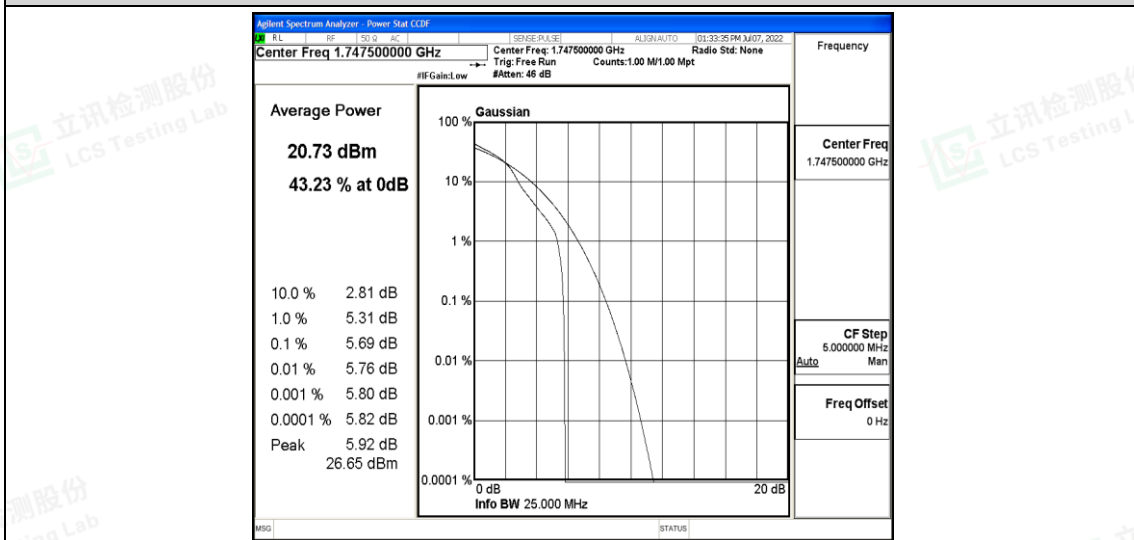




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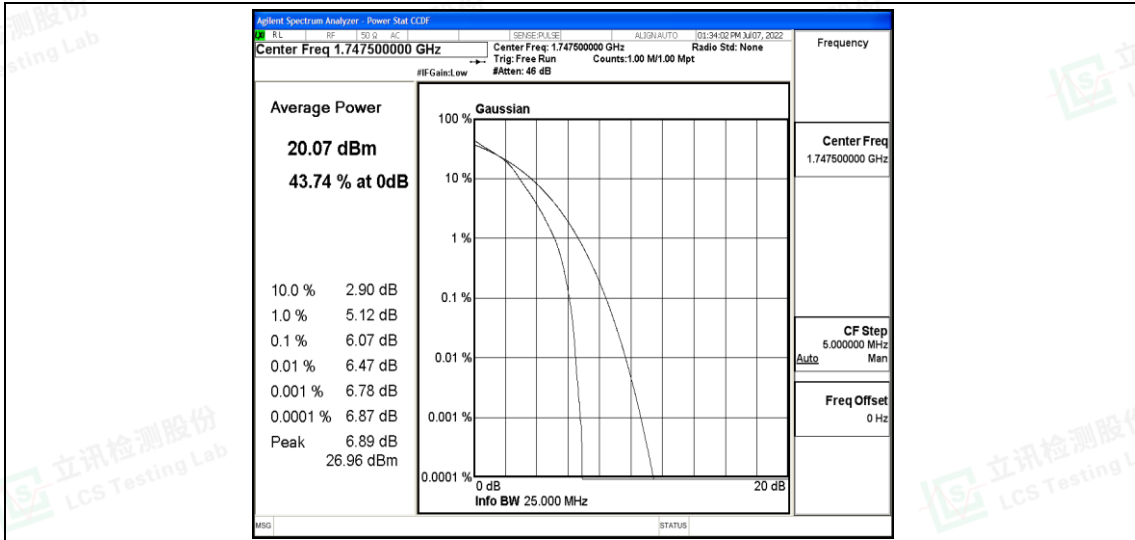


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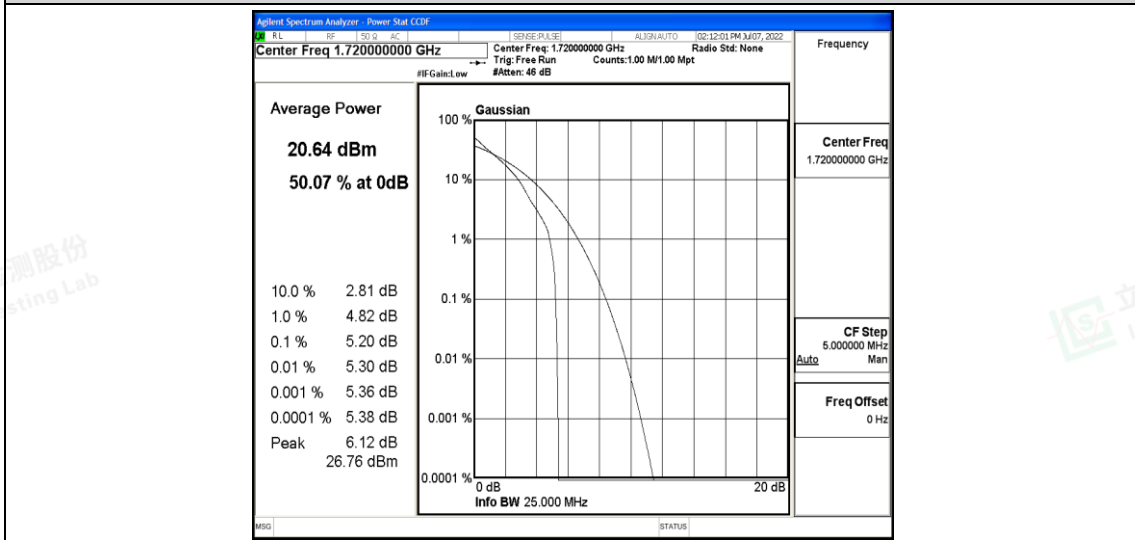


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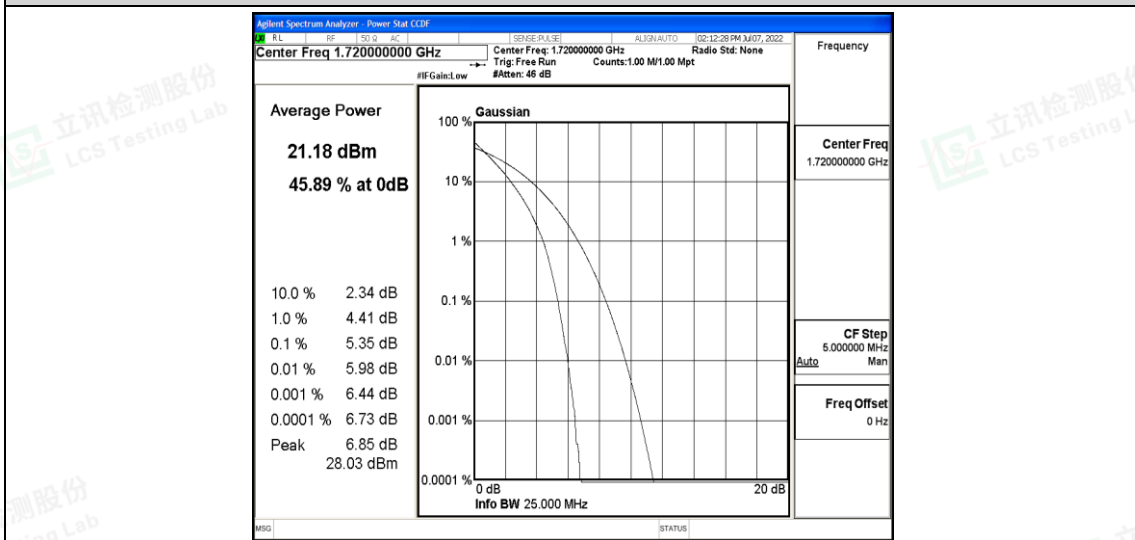




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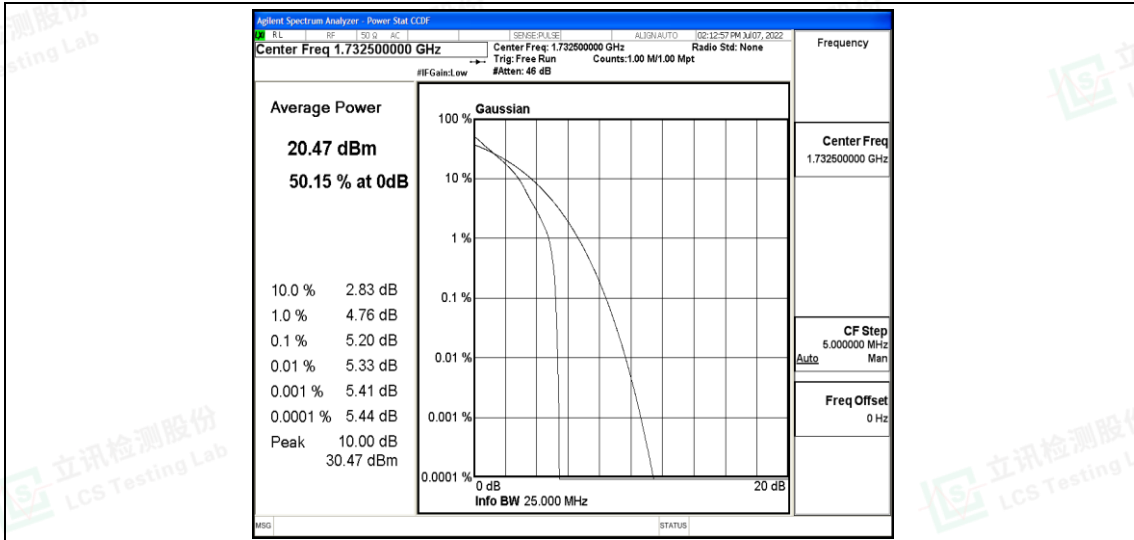


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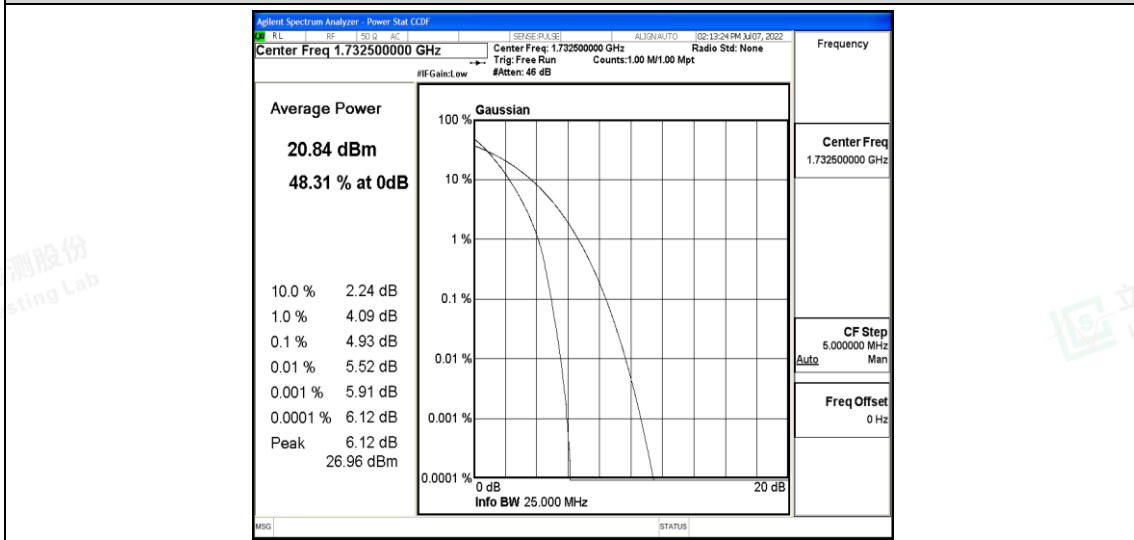


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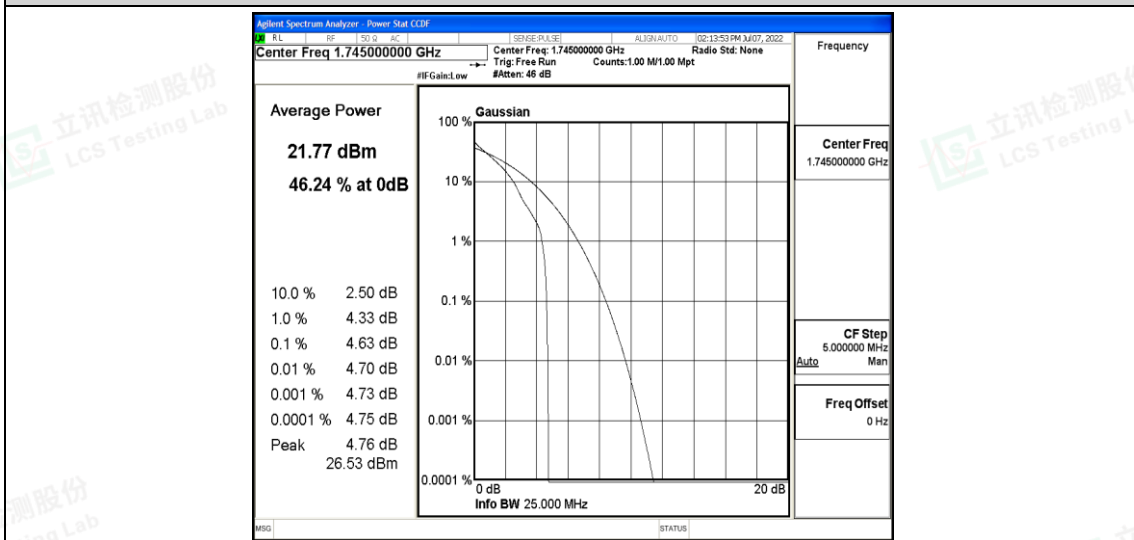




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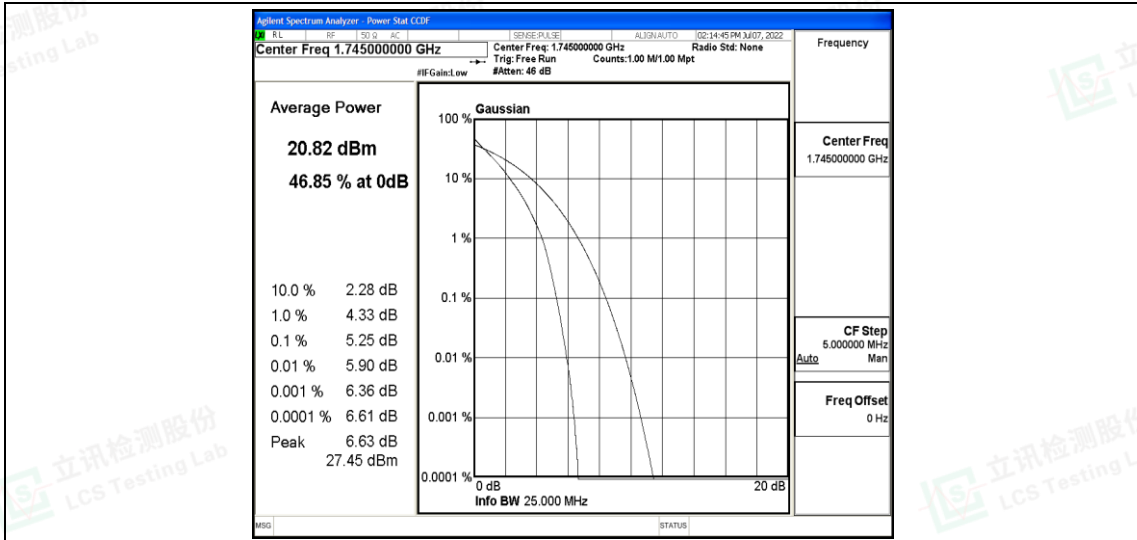


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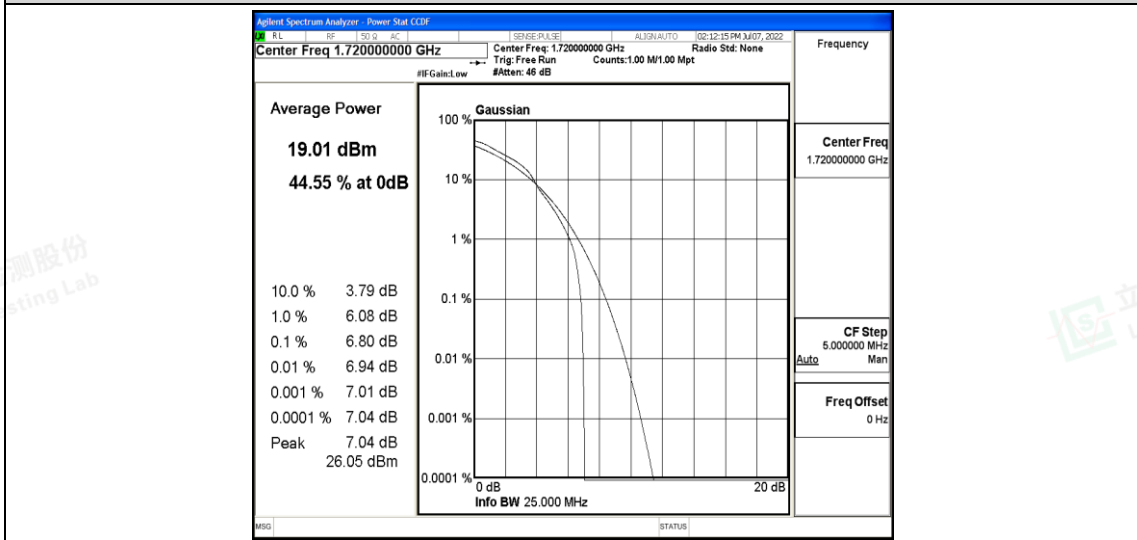


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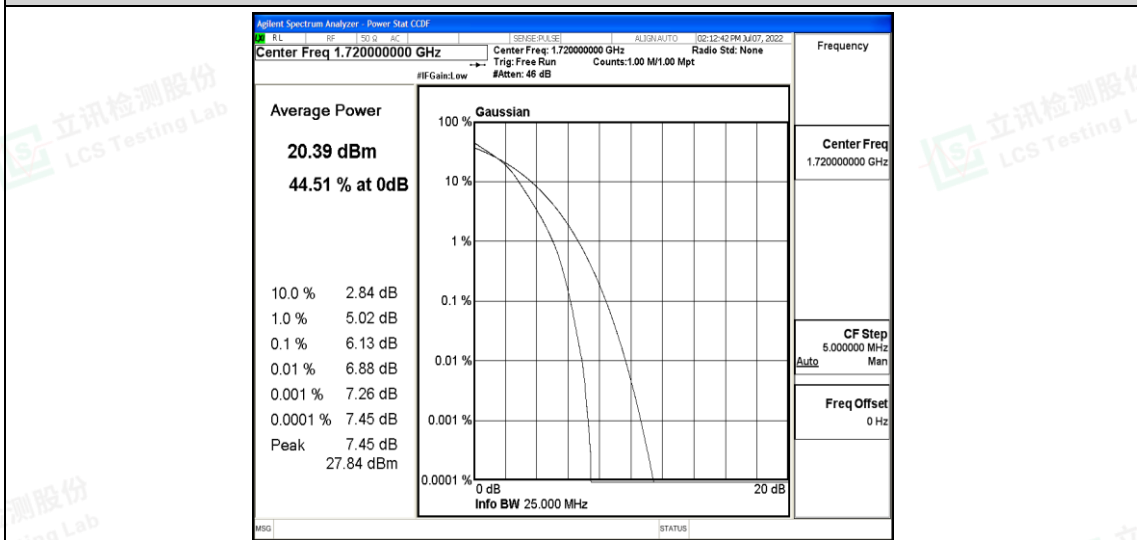




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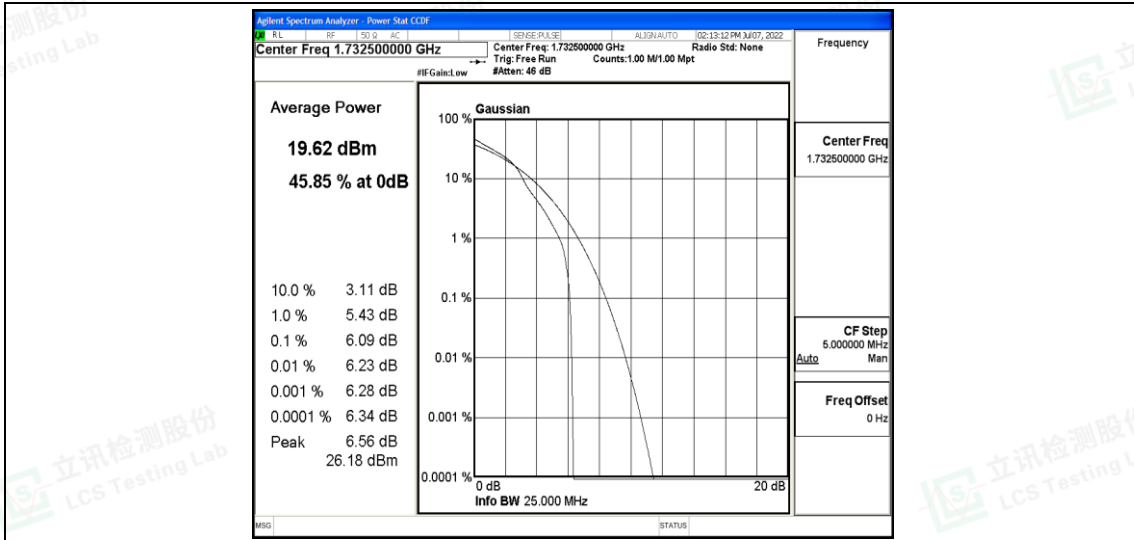


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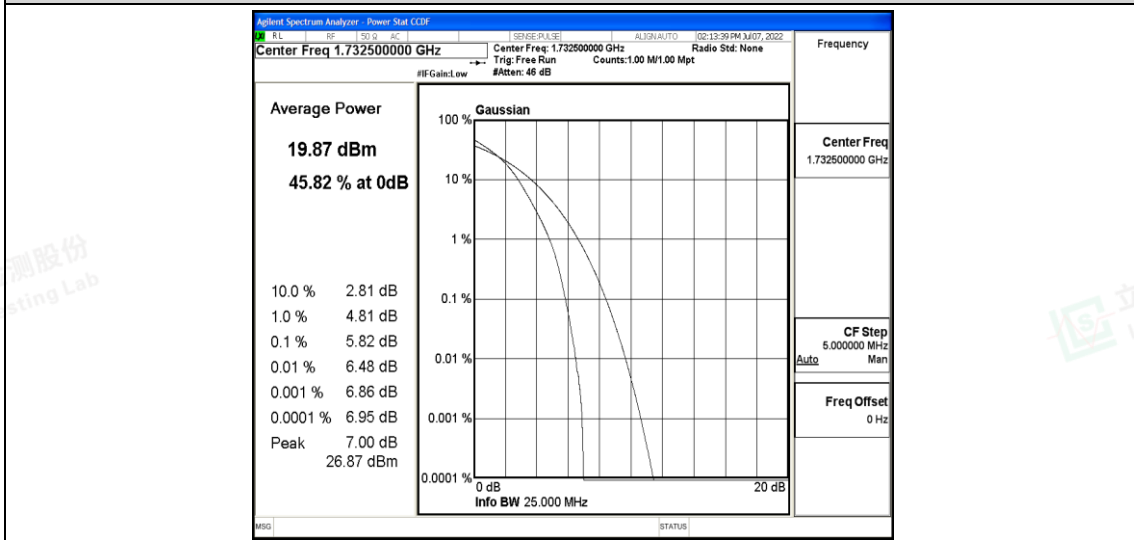


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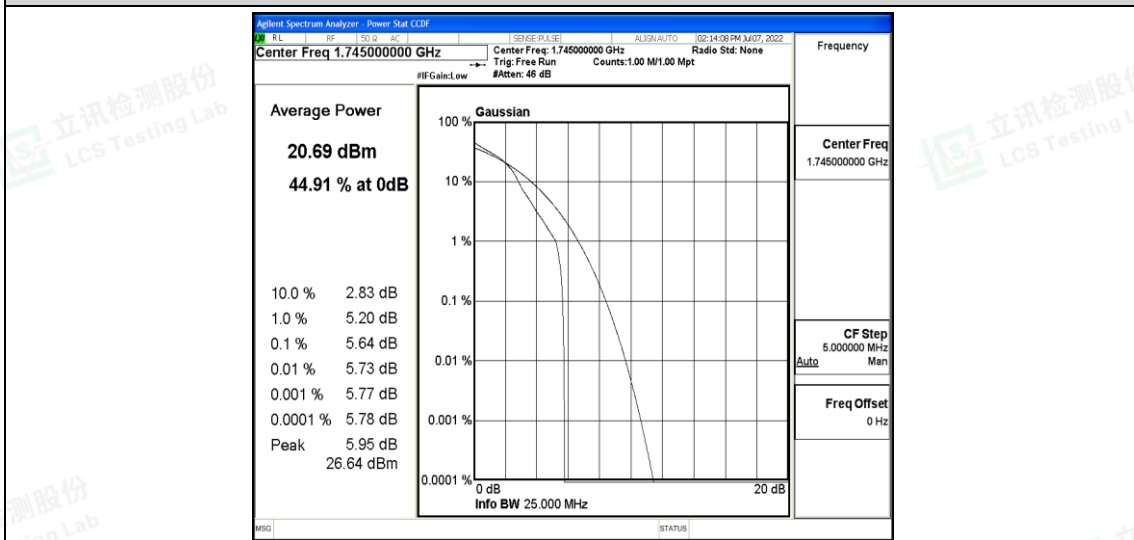




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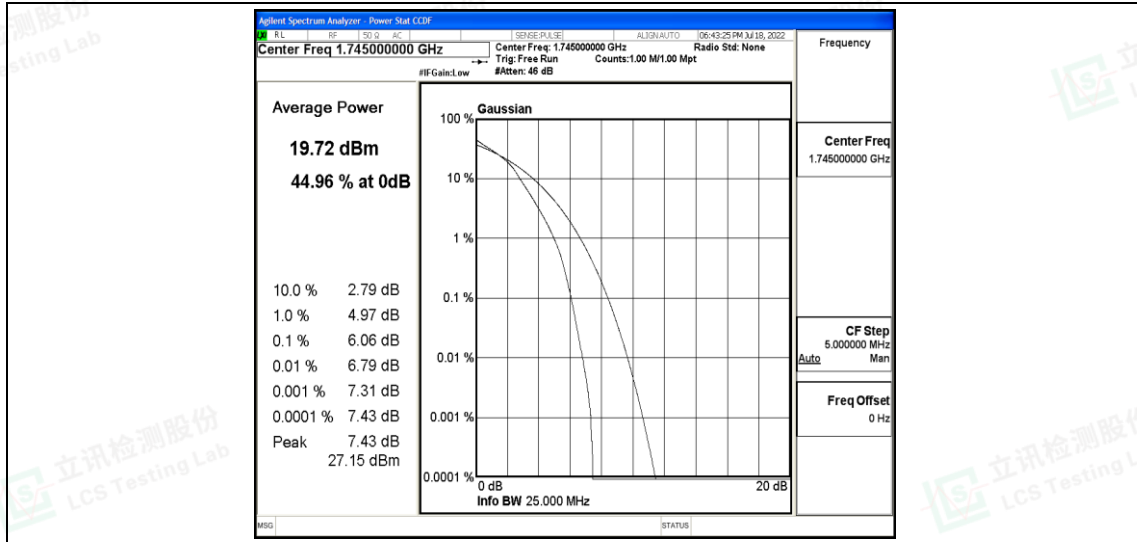


Band4-20MHz-16QAM-20300-1RB#0



Band4-20MHz-16QAM-20300-100RB#0







E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0901	1.280	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0914	1.297	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0962	1.300	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0960	1.283	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0956	1.297	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0926	1.304	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6971	2.980	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6924	2.995	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6944	2.985	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6869	2.969	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6898	2.974	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6913	2.905	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5133	5.027	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5102	5.007	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5055	5.045	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4999	4.979	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5016	4.992	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5022	4.982	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9711	9.907	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9568	9.916	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9676	9.893	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9625	9.806	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9638	9.796	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9702	9.854	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.486	14.70	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.411	14.77	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.462	14.88	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.465	14.69	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.373	14.46	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.417	14.46	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.964	19.48	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.819	19.31	PASS





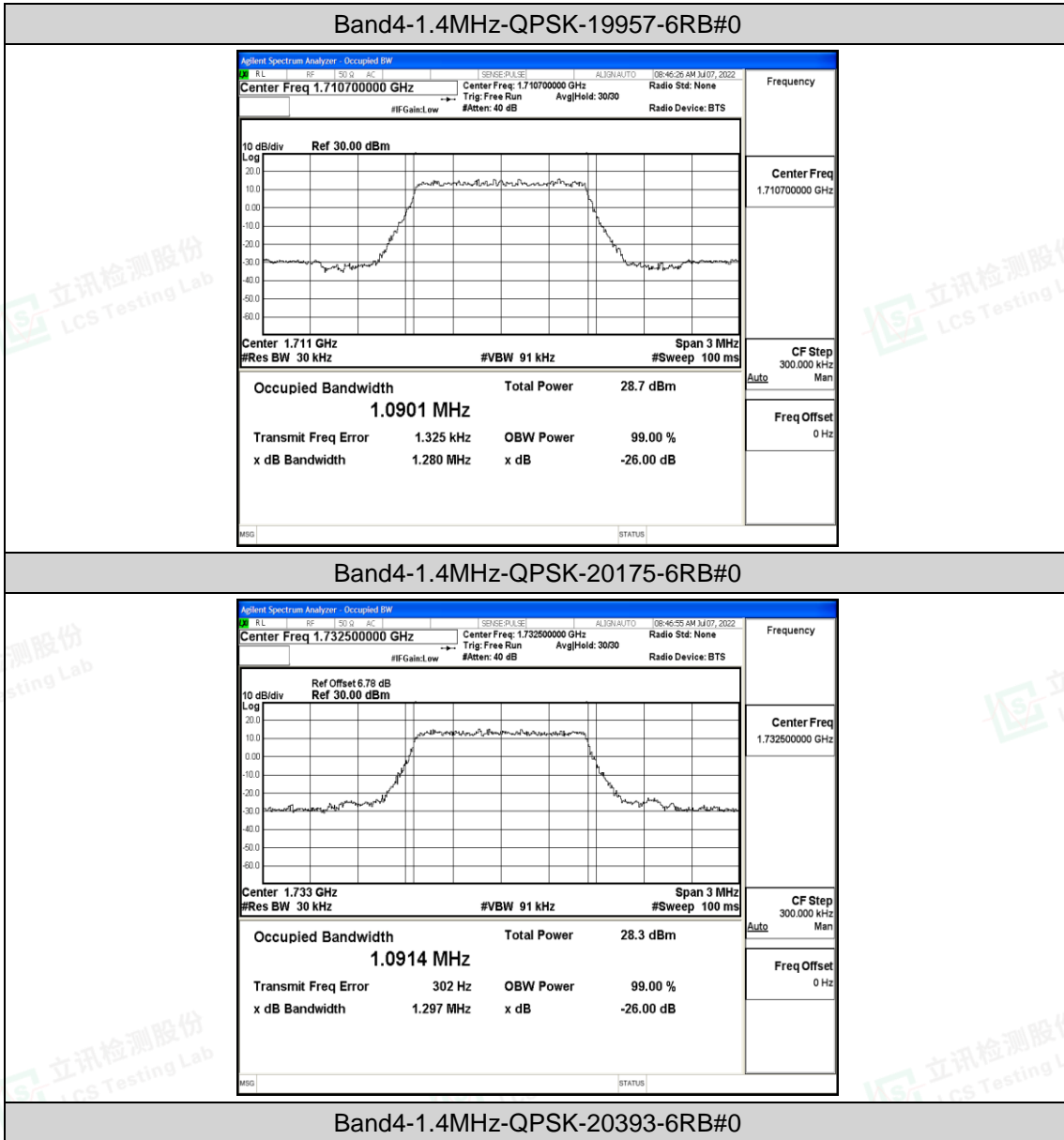
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Band4	20MHz	16QAM	20050	100RB#0	17.993	19.53	PASS
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Band4	20MHz	16QAM	20300	100RB#0	17.925	19.42	PASS

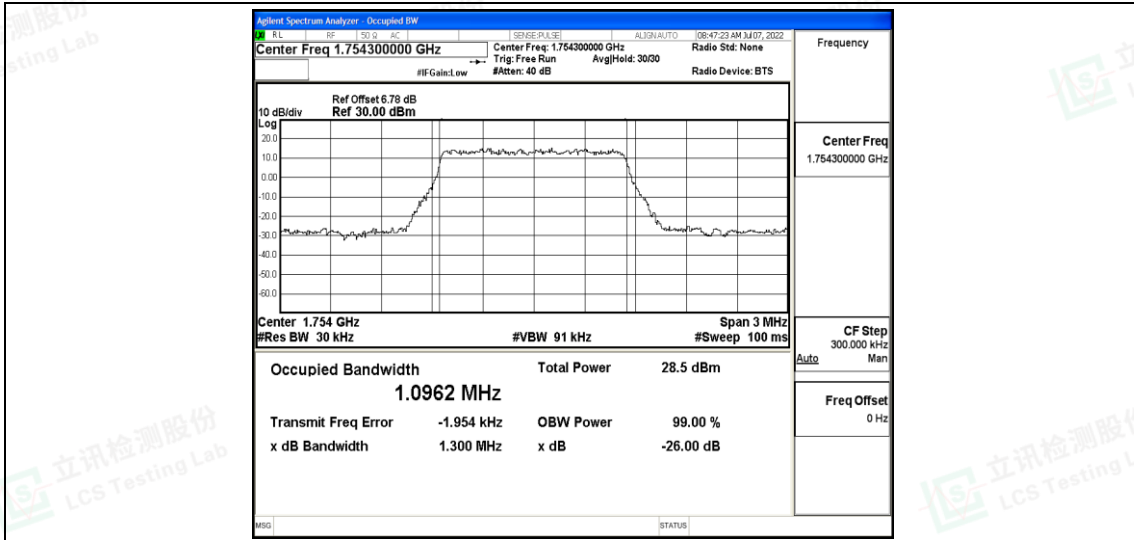


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Scan code to check authenticity

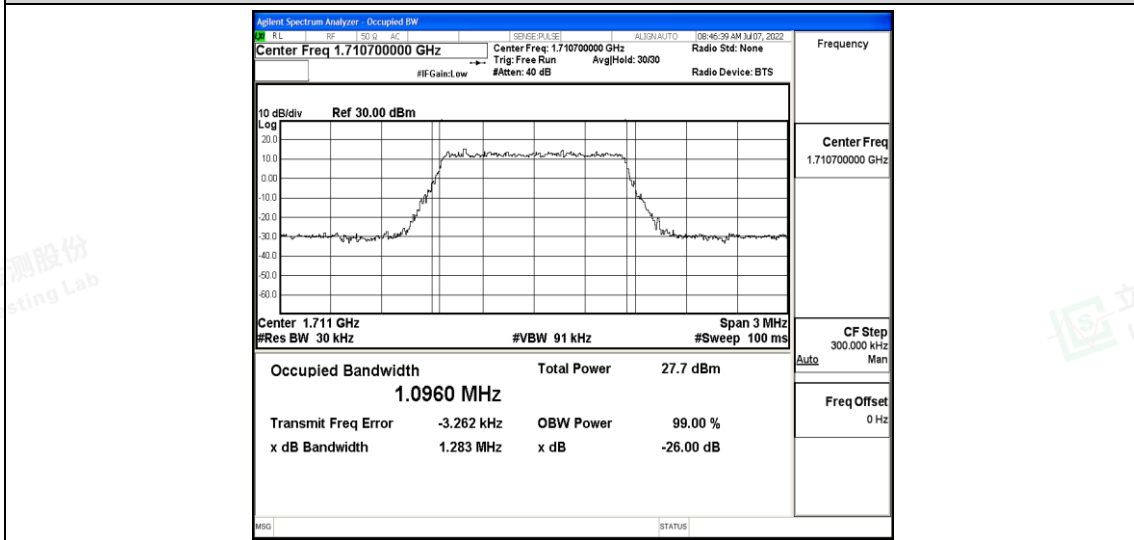


Test Graphs

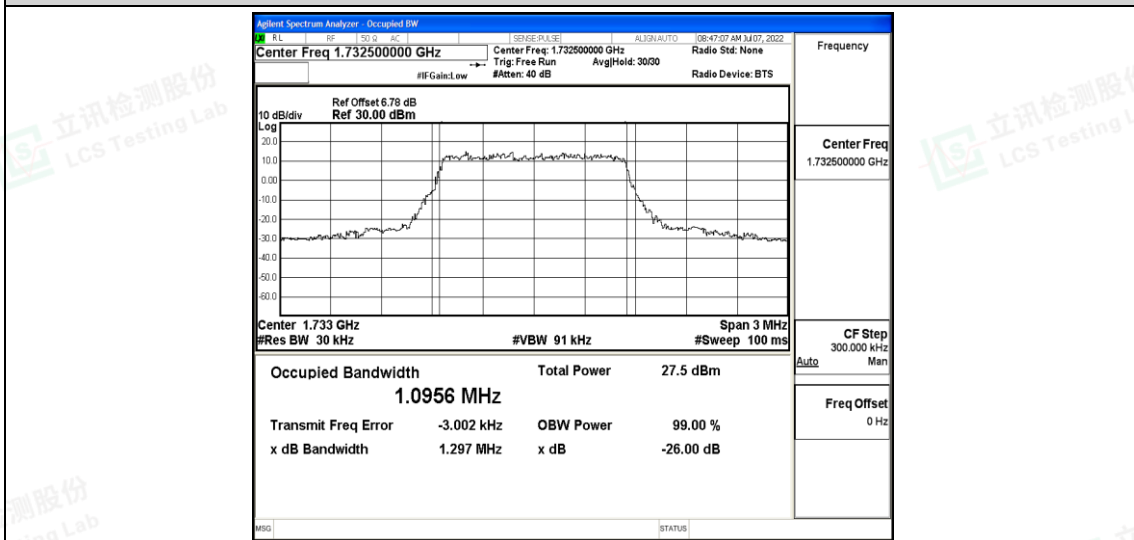




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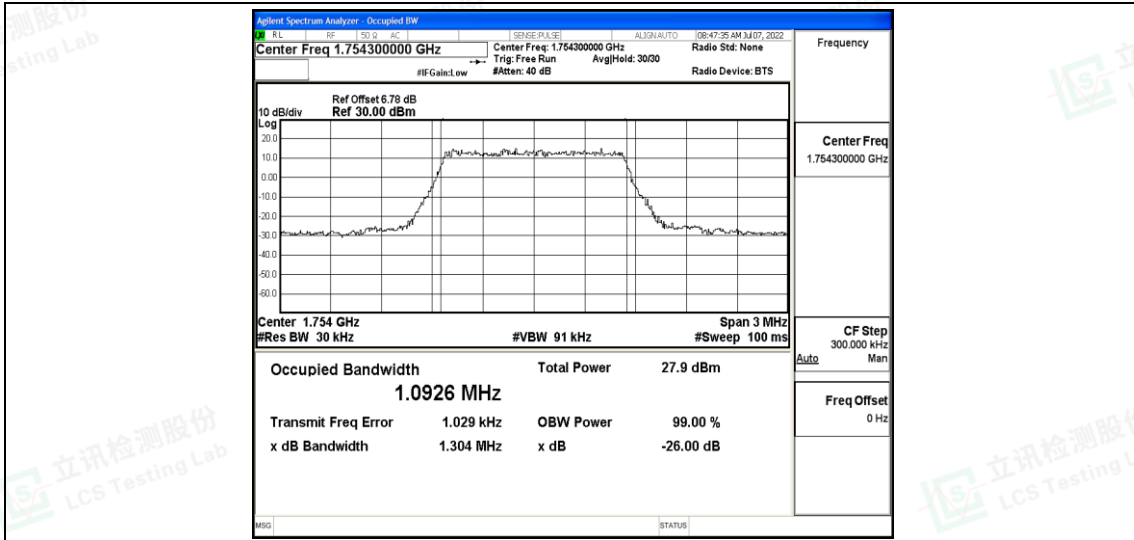


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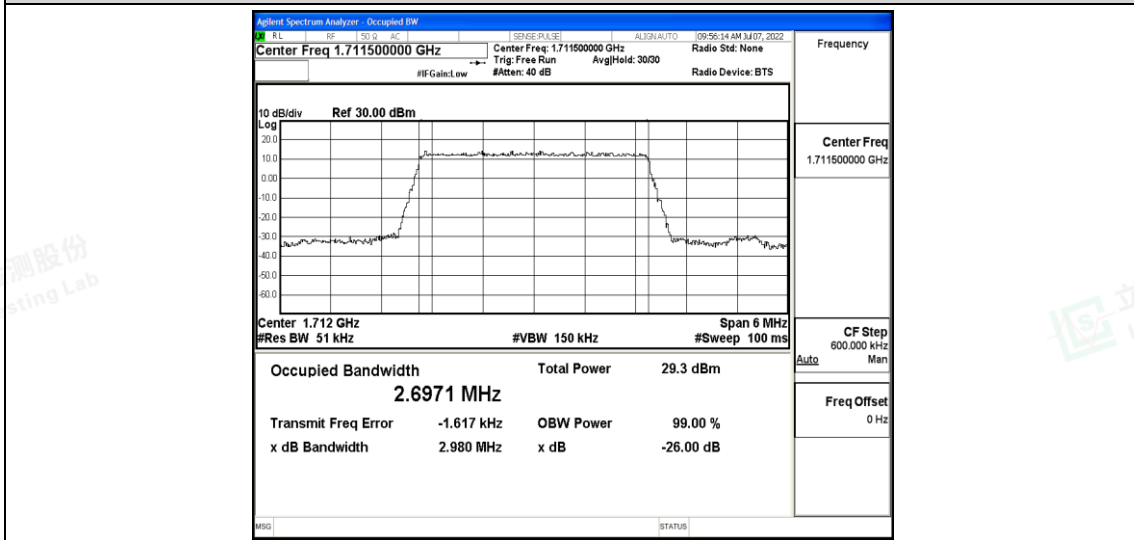


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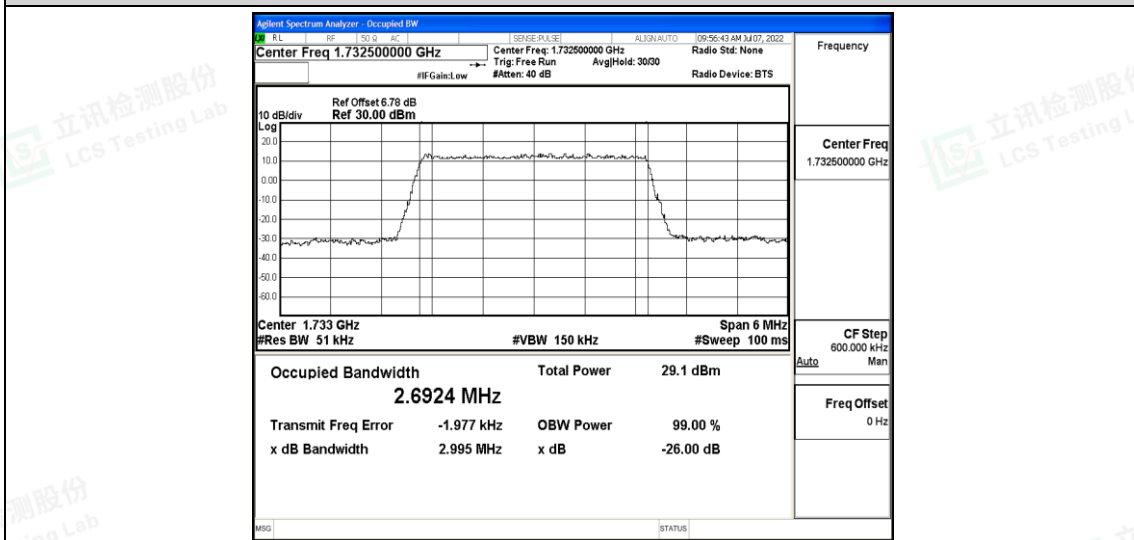




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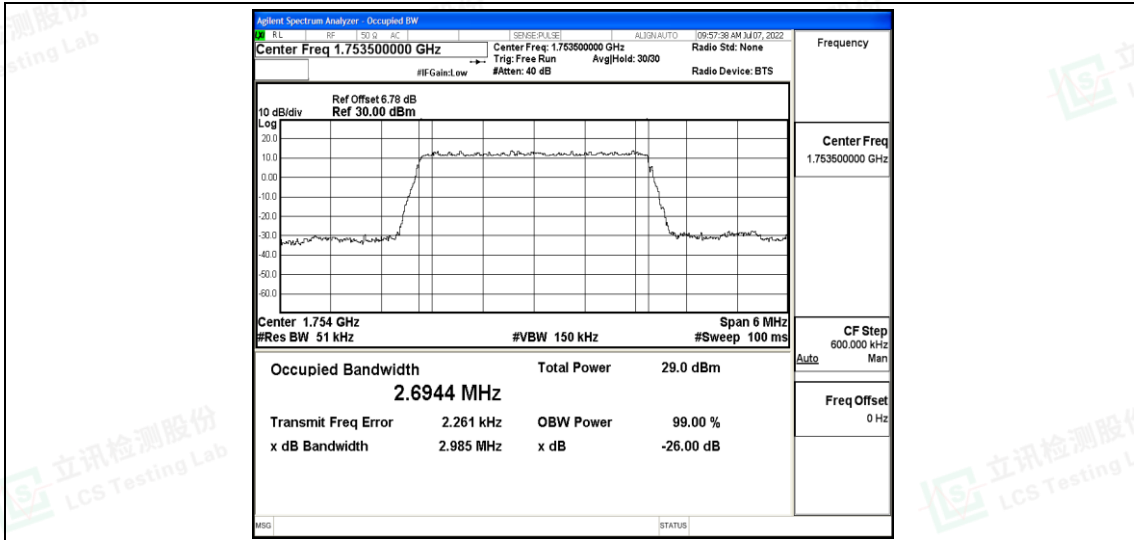


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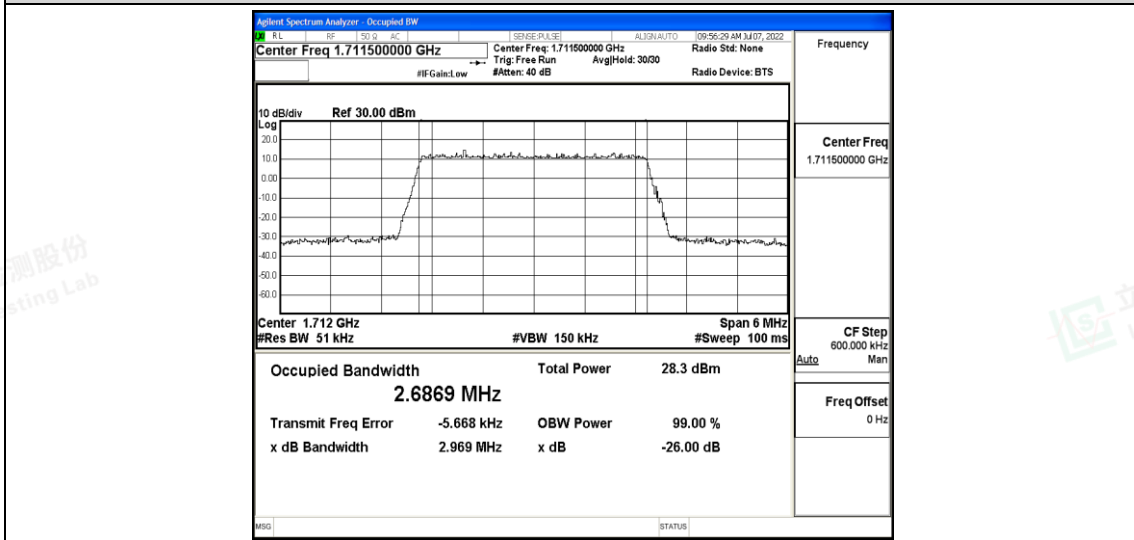


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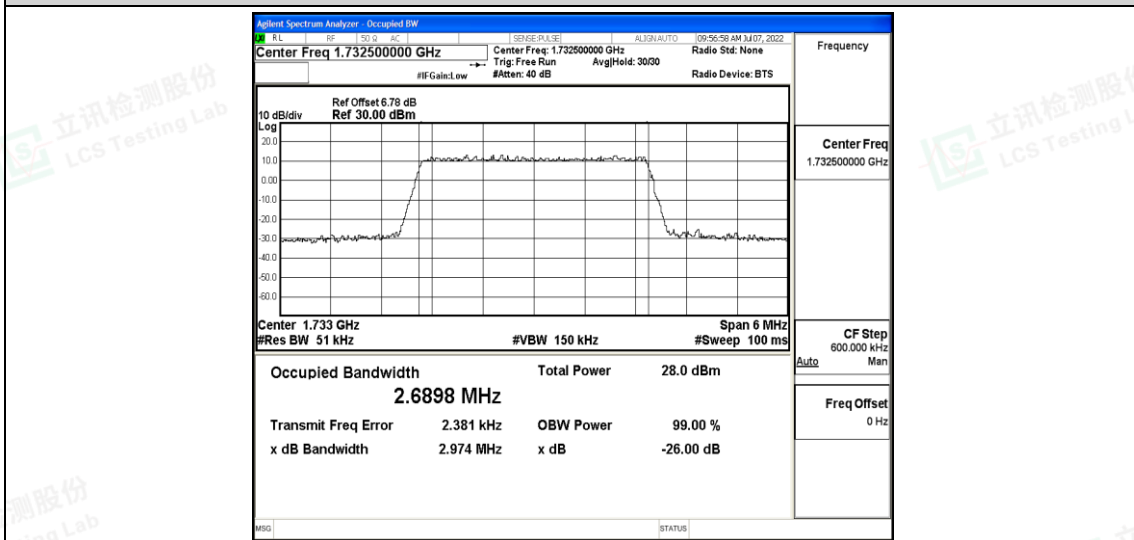




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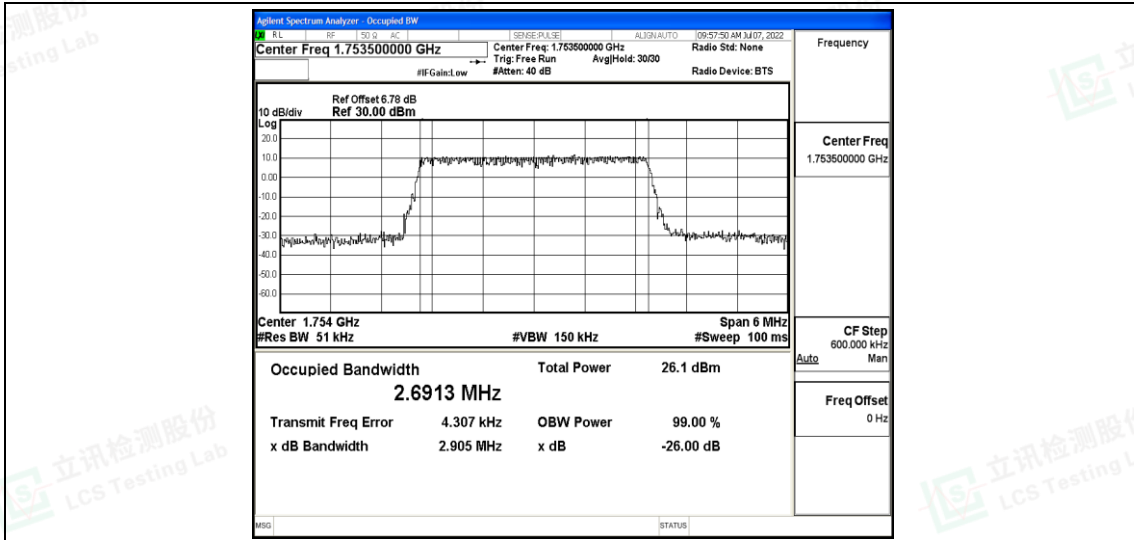


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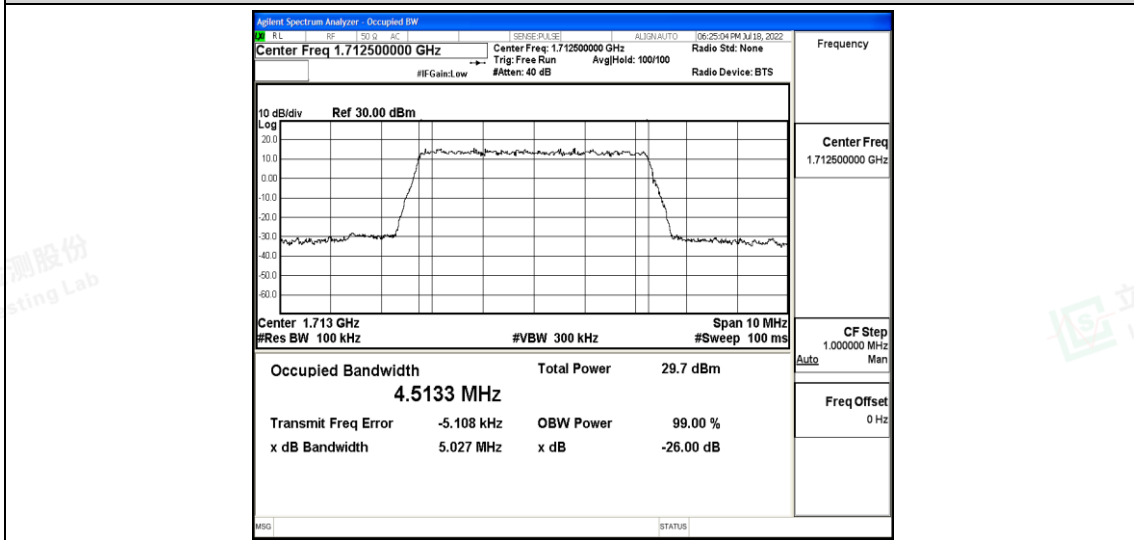


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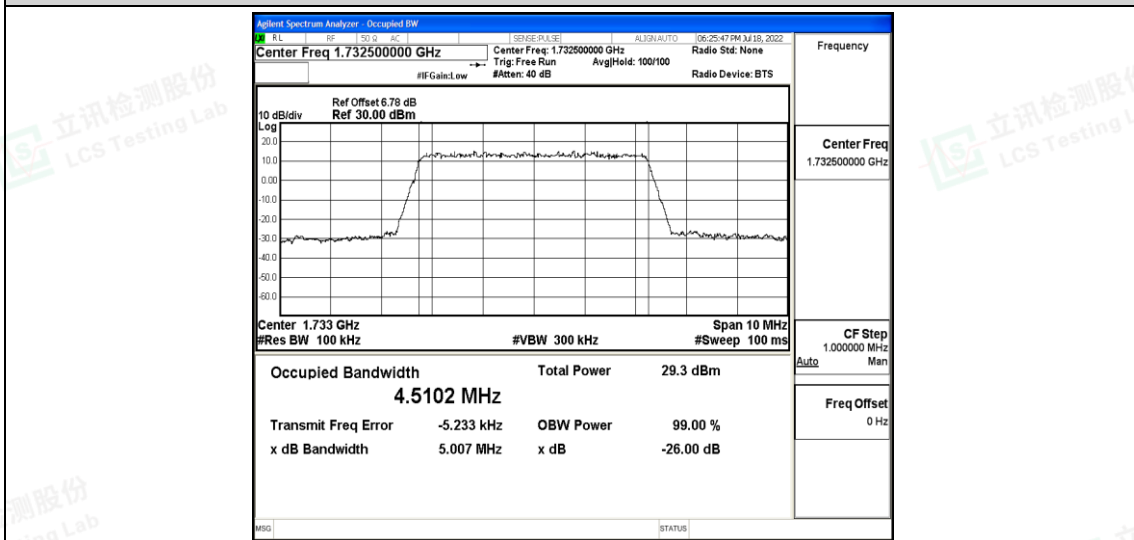




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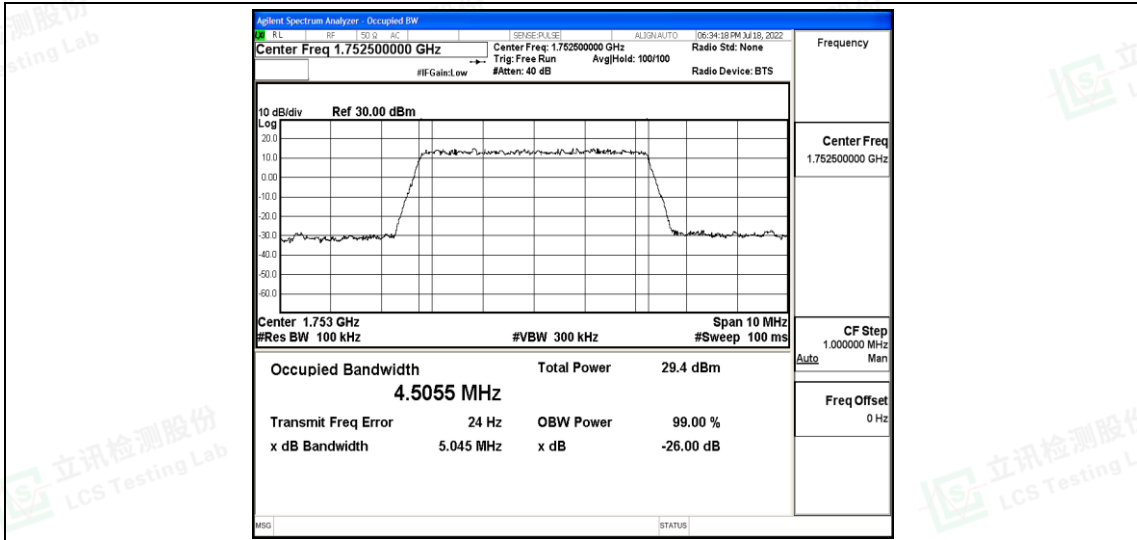


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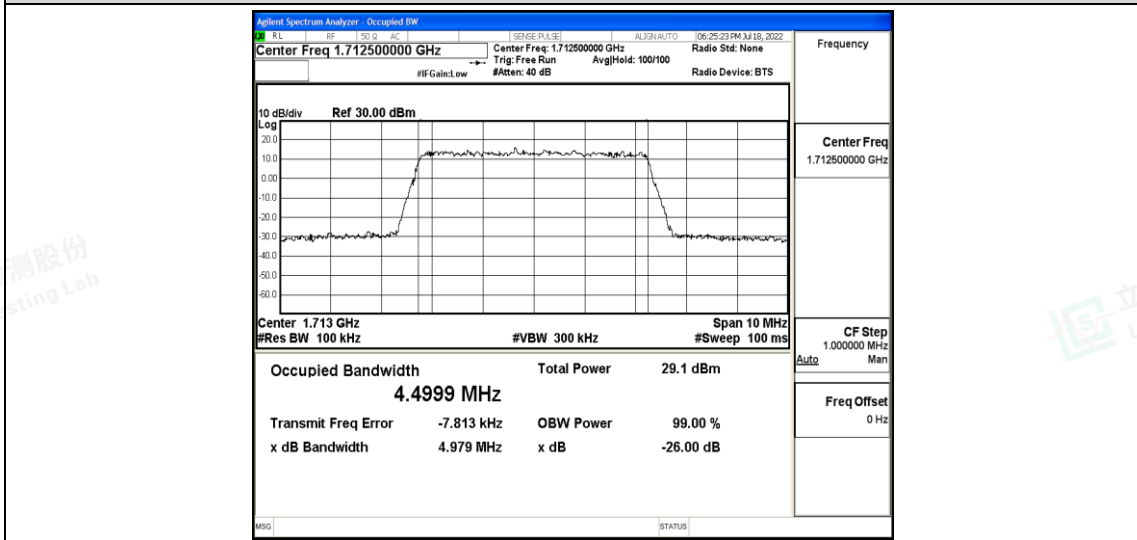


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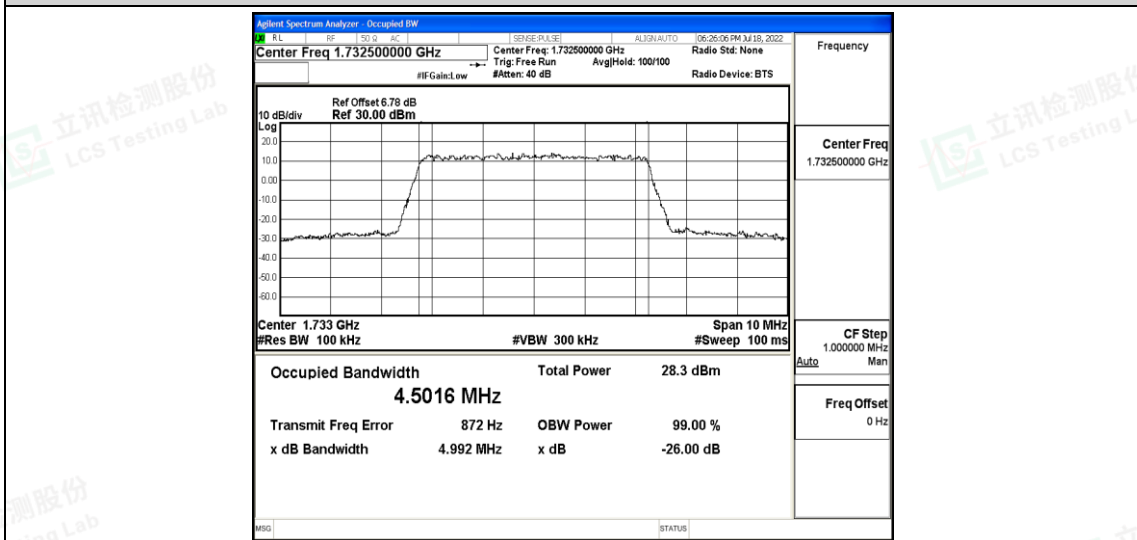




Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20175-25RB#0



Band4-5MHz-16QAM-20375-25RB#0

