



Appendix C: Test Data for E-UTRA Band 4

Product Name: SumUp Pro

Test Model: SumUp 3G+

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



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Scan code to check authenticity



C.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	22.40	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.71	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.49	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.45	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.45	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.44	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.54	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.86	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.96	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.78	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.85	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.88	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.83	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.91	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.39	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.53	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.43	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.37	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.39	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.45	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.37	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.24	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.47	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.27	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.22	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.23	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.23	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.43	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.75	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.84	PASS





Band4	1.4MHz	16QAM	20175	1RB#5	21.64	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.70	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.70	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.65	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.84	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.09	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.26	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.18	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.14	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.17	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.21	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.17	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.04	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.62	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.65	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.61	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.65	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.68	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.57	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.05	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.01	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.85	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.03	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.05	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.91	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.99	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.39	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.50	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.47	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.40	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.37	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.47	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.38	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.99	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.05	PASS





Band4	3MHz	16QAM	19965	1RB#14	21.46	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.53	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.57	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.73	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.47	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.88	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.89	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.83	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.53	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.98	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.20	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.47	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.17	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.43	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.76	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.81	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.82	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.72	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.86	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.92	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.69	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.68	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.43	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.43	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.59	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.58	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.98	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.93	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.68	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.92	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.93	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.71	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.87	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.03	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.30	PASS





Band4	5MHz	QPSK	20375	1RB#24	22.34	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.13	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.09	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.26	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.25	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.32	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.56	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.52	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.44	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.38	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.58	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.49	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.88	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.82	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.55	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.91	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.92	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.71	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.83	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.06	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.27	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.30	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.18	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.18	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.37	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.23	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.96	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.98	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.95	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.62	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.61	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.96	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.74	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.08	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.98	PASS





Band4	10MHz	QPSK	20175	1RB#49	22.37	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.06	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.08	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.67	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.86	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.02	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.36	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.10	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.07	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.30	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.18	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.89	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.75	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.87	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.55	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.56	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.86	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.71	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.01	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.91	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.37	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.03	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.05	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.62	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.84	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.83	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.03	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.09	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.08	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.08	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.12	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.28	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.41	PASS





Band4	15MHz	QPSK	20025	1RB#74	23.39	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.65	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.33	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.42	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.42	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.49	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.59	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.42	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.24	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.68	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.40	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.52	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.51	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.64	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.46	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.48	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.68	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.69	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.73	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.34	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.32	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.67	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.41	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.33	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.31	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.46	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.24	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.50	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.43	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.40	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.56	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.26	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.48	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.50	PASS





Band4	15MHz	16QAM	20325	1RB#74	21.56	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.46	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.57	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.58	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.59	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.70	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.83	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.14	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.13	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.14	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.51	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.51	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.51	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.34	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.57	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.58	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.89	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.24	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.68	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.71	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.51	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.85	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.44	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.45	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.68	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.51	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.41	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.95	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.07	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.09	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.45	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.24	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.27	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.32	PASS





Band4	20MHz	16QAM	20175	1RB#99	21.21	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.54	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.58	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.89	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.20	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.60	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.56	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.32	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.84	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.87	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.62	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.61	PASS





C.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	3.50	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.60	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.82	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.90	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.47	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.45	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.76	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.58	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.15	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.79	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.66	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.46	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.44	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.62	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.65	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.93	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.41	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.53	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.46	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.59	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.70	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.85	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.65	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.49	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.61	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.65	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.70	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.01	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.76	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.75	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.53	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.57	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.66	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.86	13	PASS





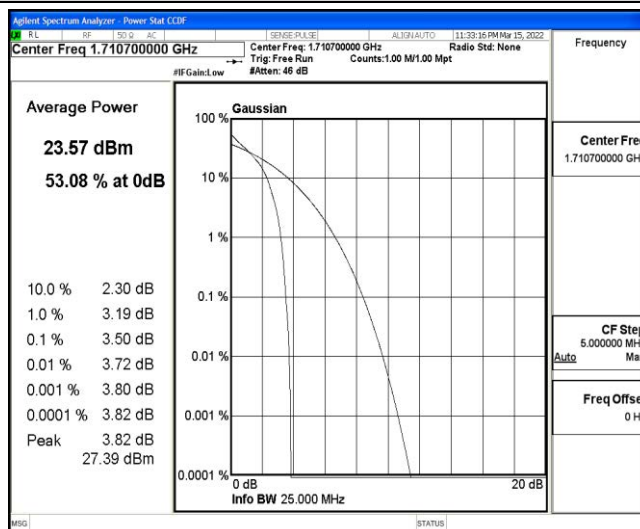
Band4	5MHz	16QAM	20375	1RB#0	4.59	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.65	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.44	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.46	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.71	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.04	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.82	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.24	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.47	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.44	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.62	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.86	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.89	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.01	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.93	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.90	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.79	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.34	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.66	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.42	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.06	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.70	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.87	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.08	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.60	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.15	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.96	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.00	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.71	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.26	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.62	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.41	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.81	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.86	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.70	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.10	13	PASS
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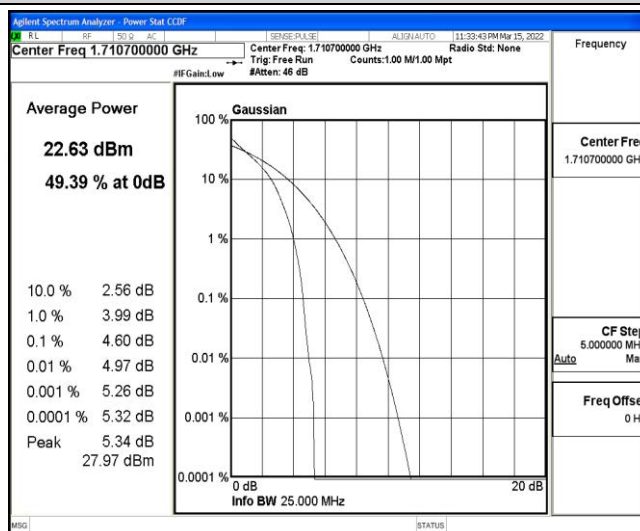


Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0

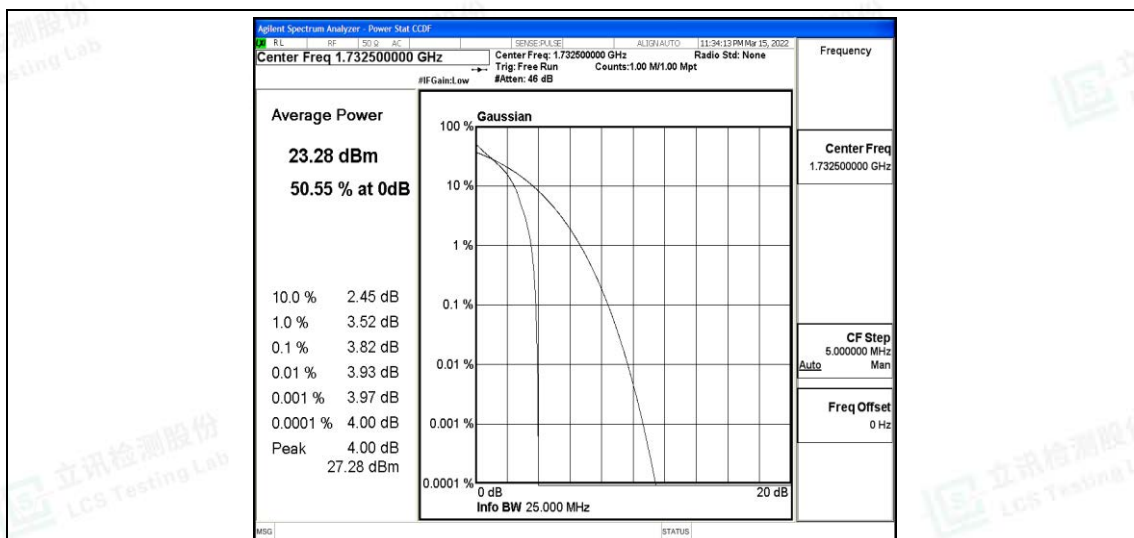


Band4-1.4MHz-QPSK-19957-6RB#0

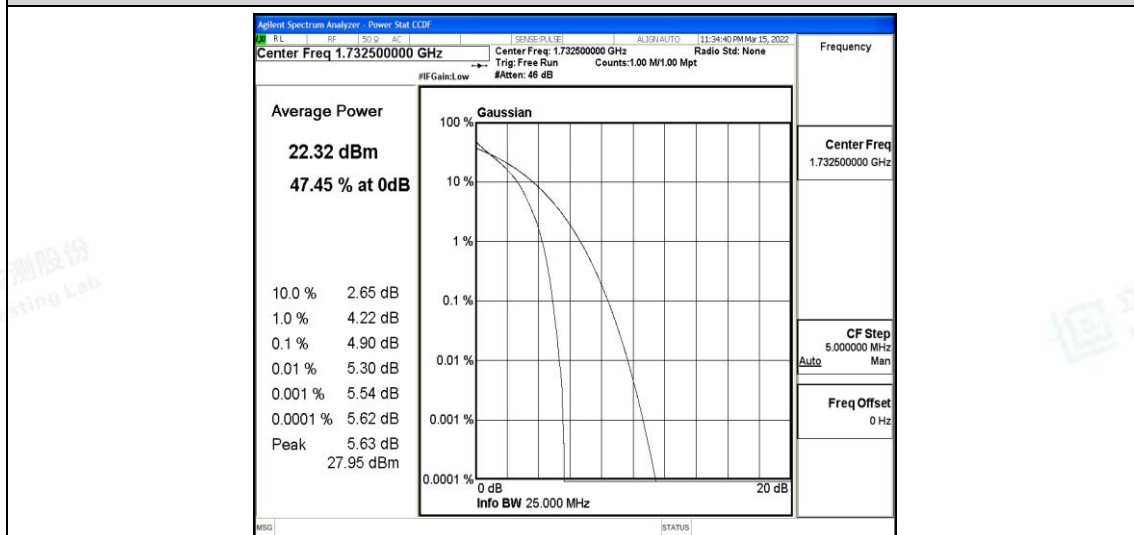


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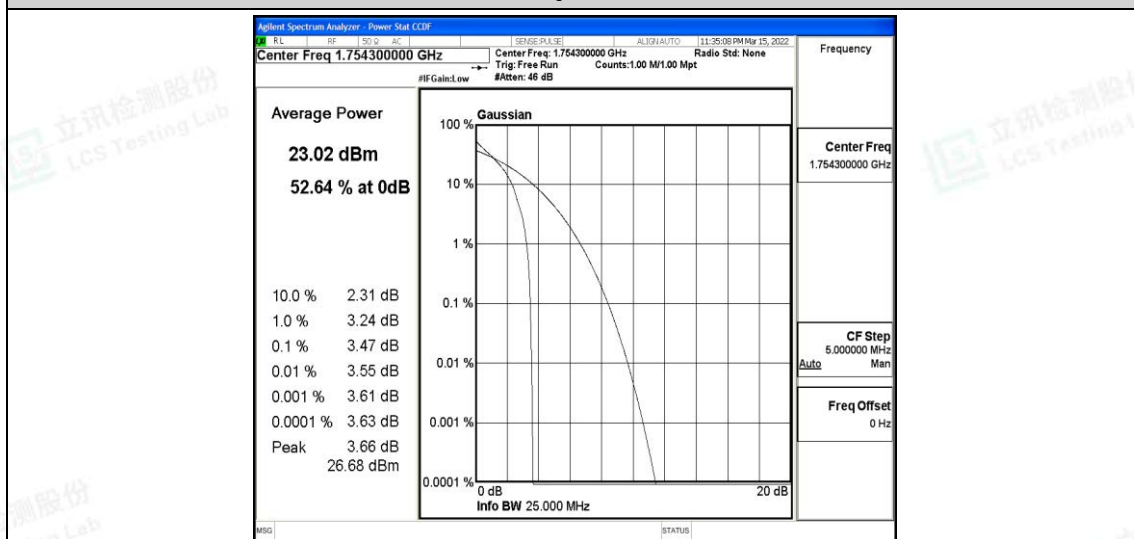




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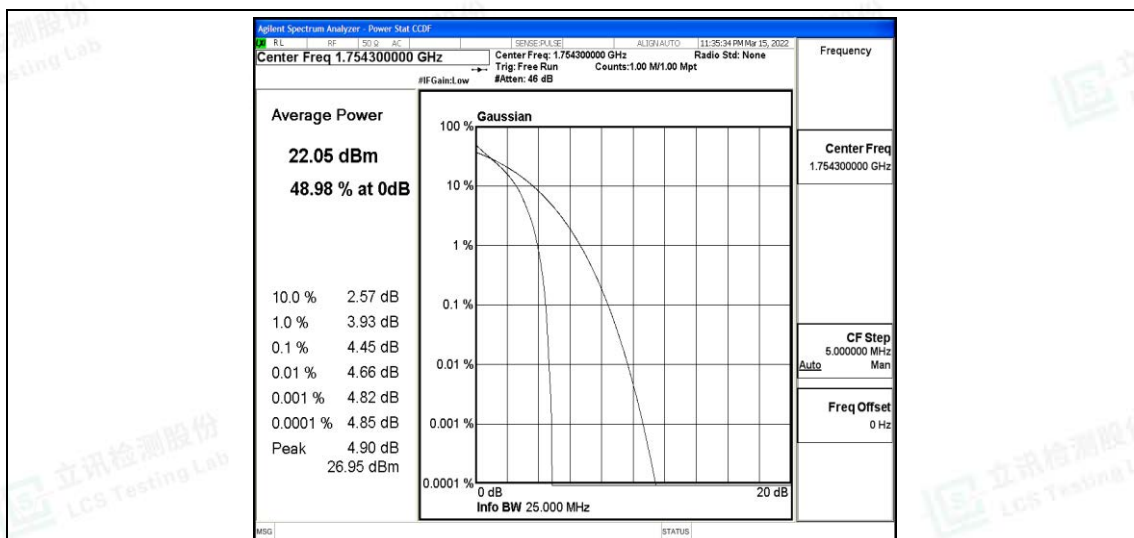


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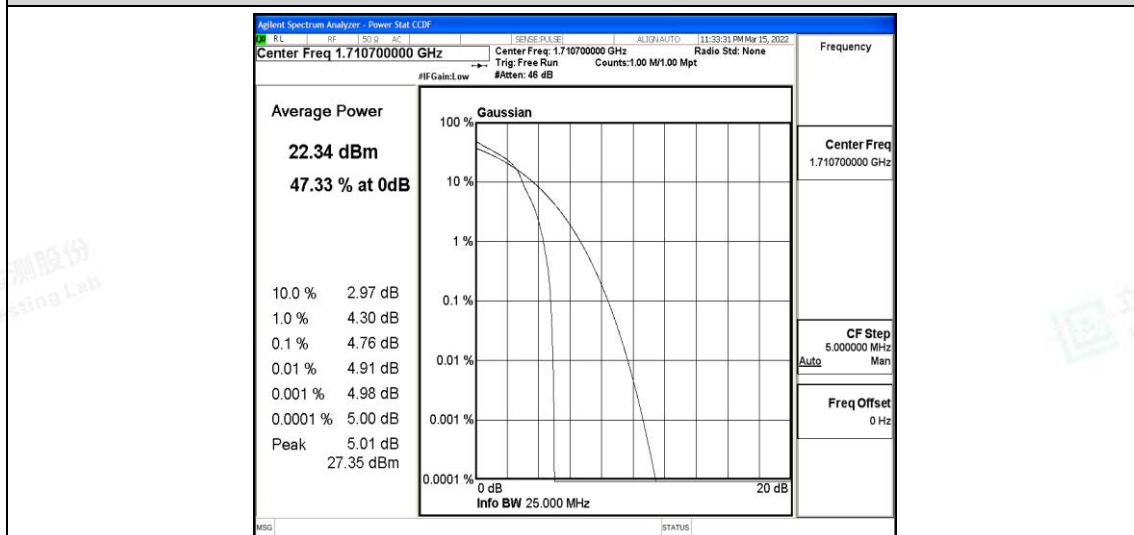


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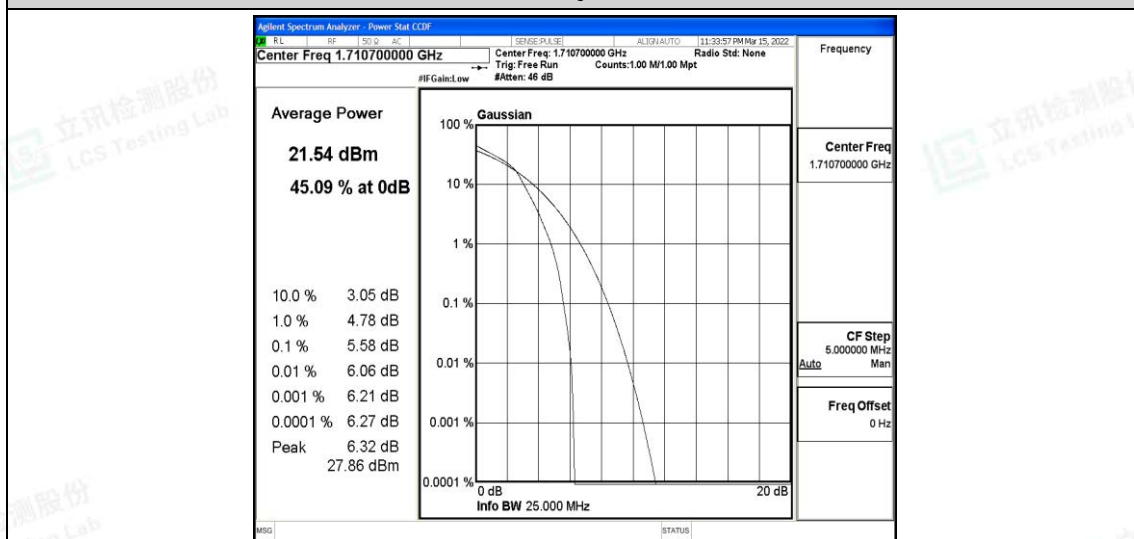




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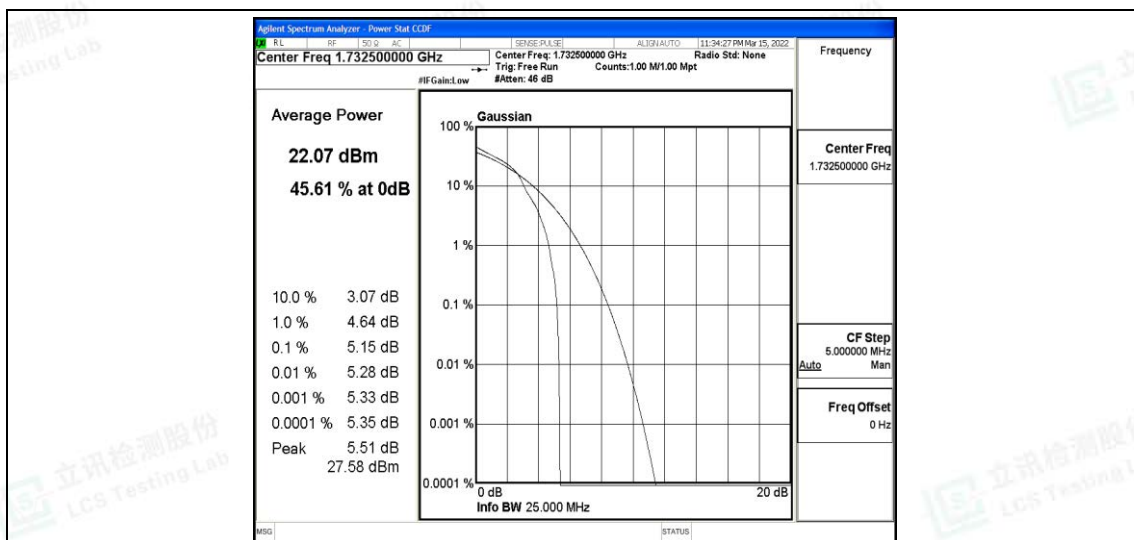


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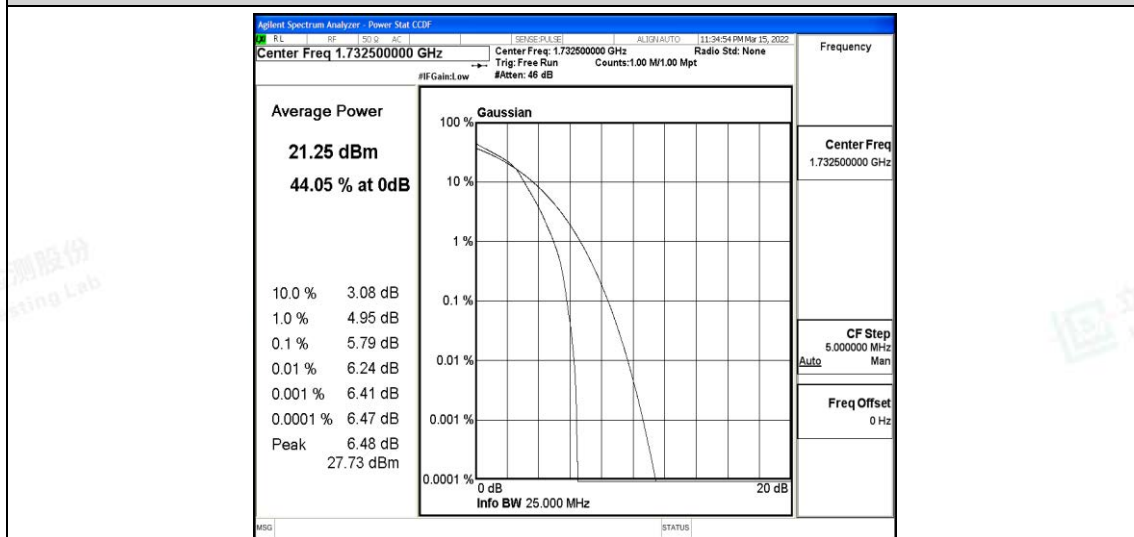


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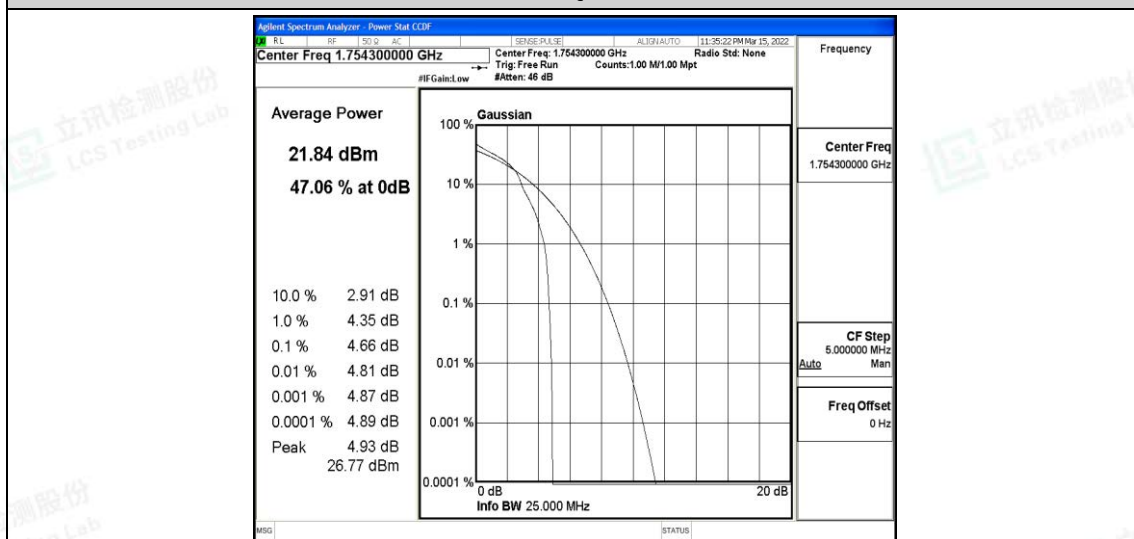




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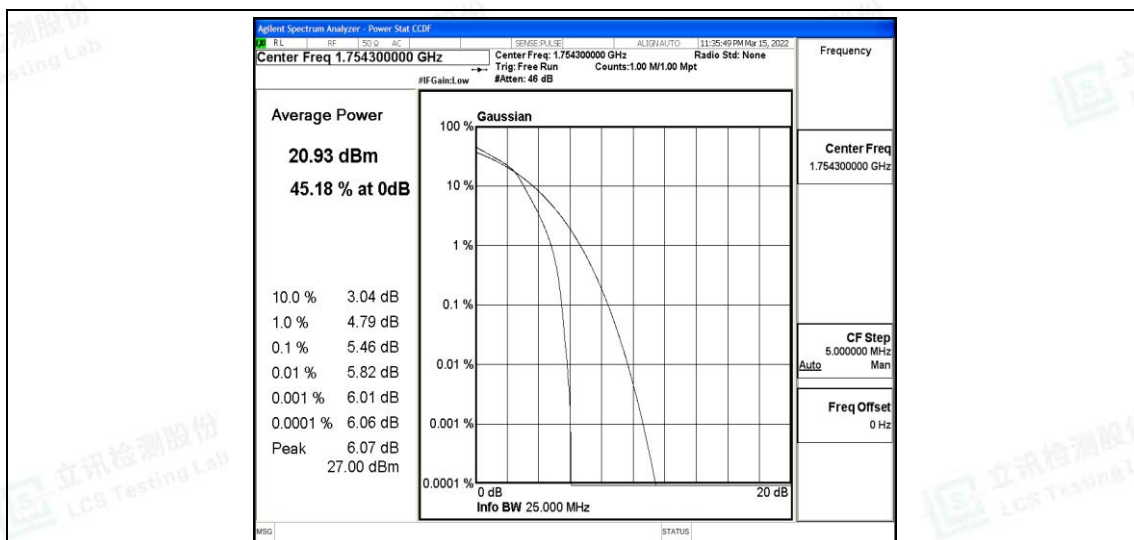


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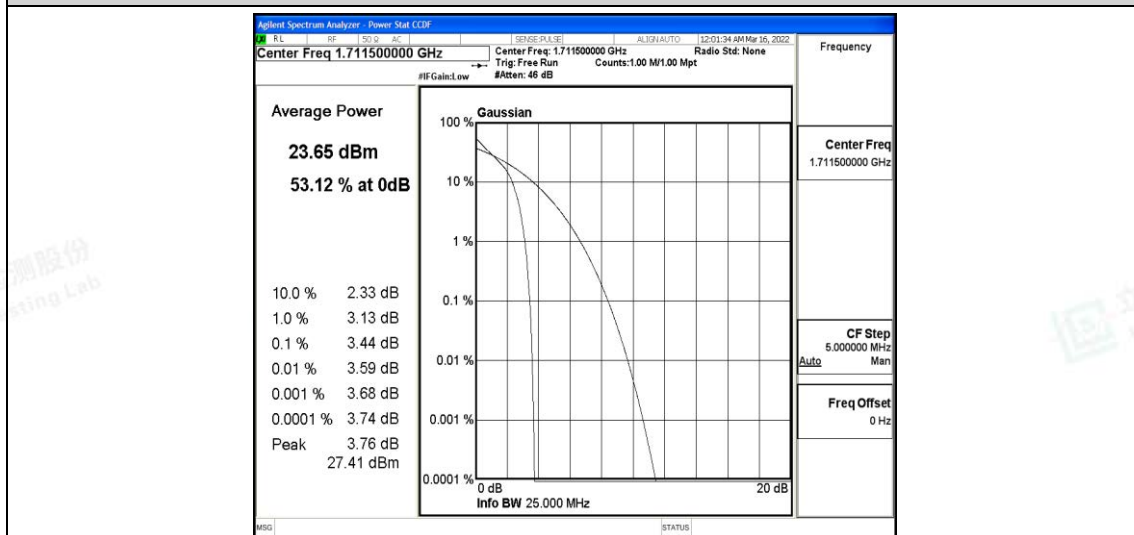


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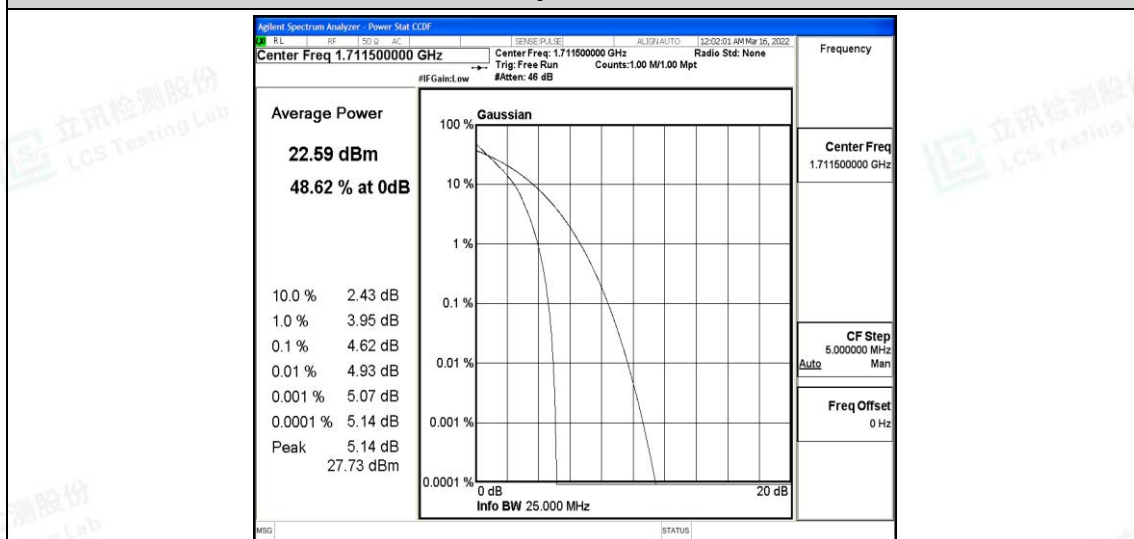




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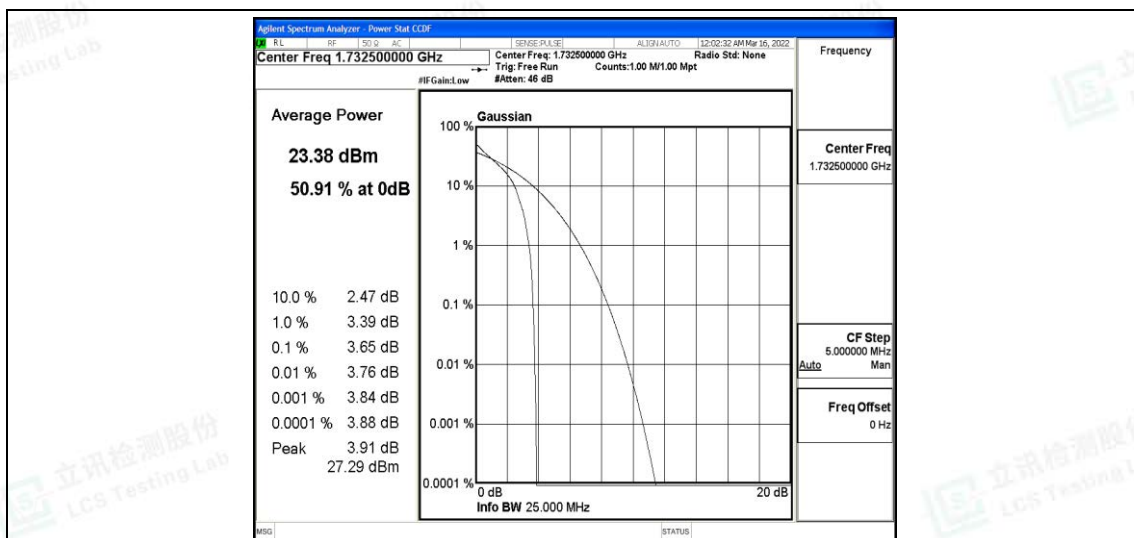


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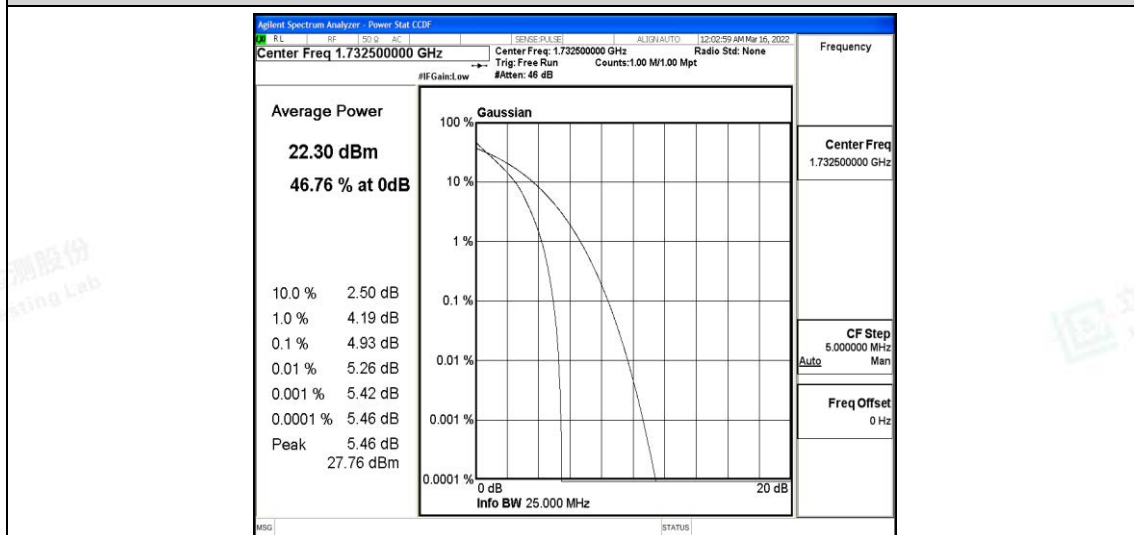


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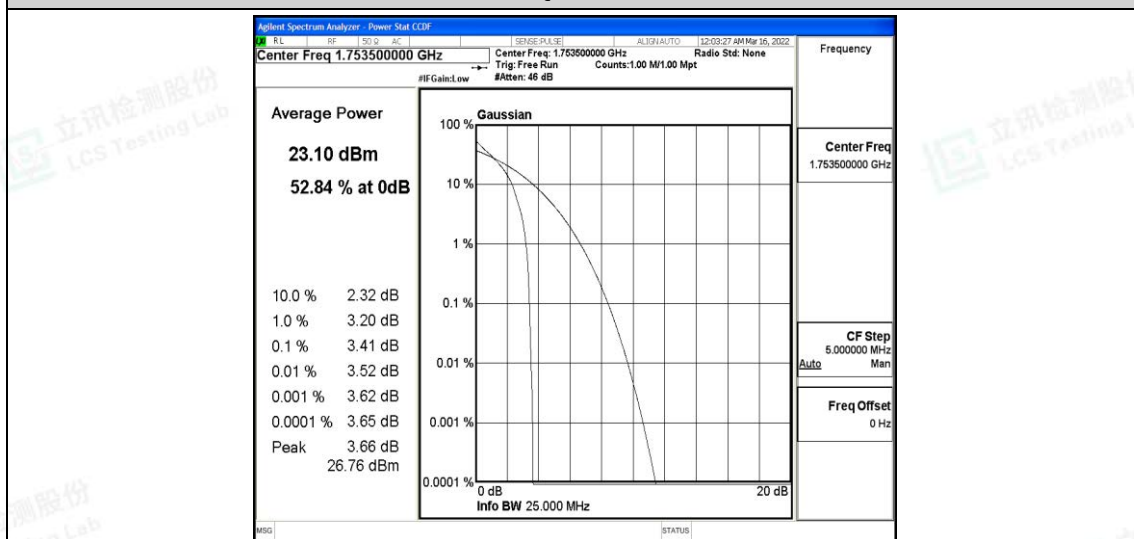




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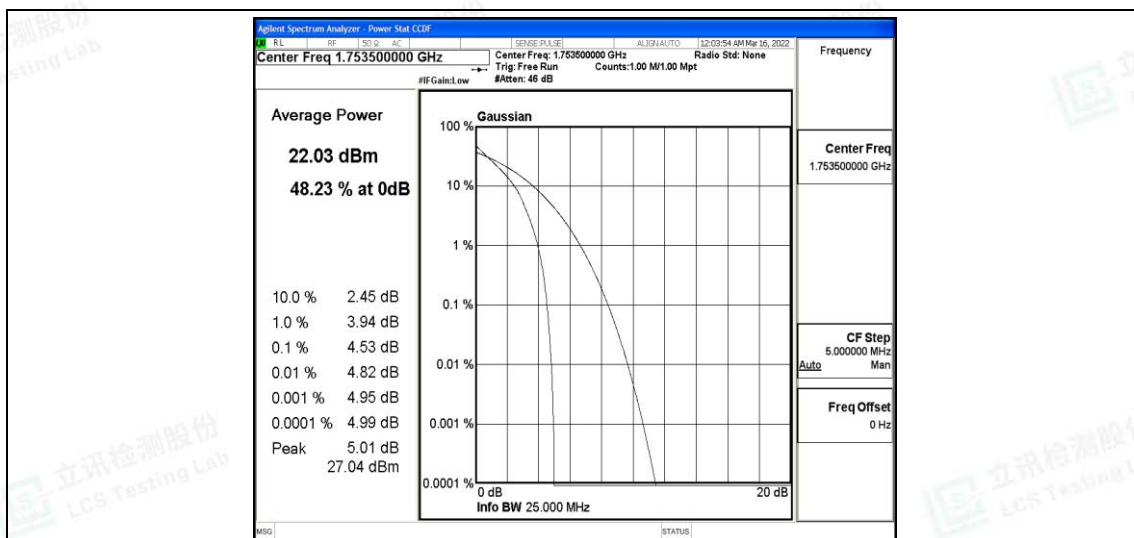


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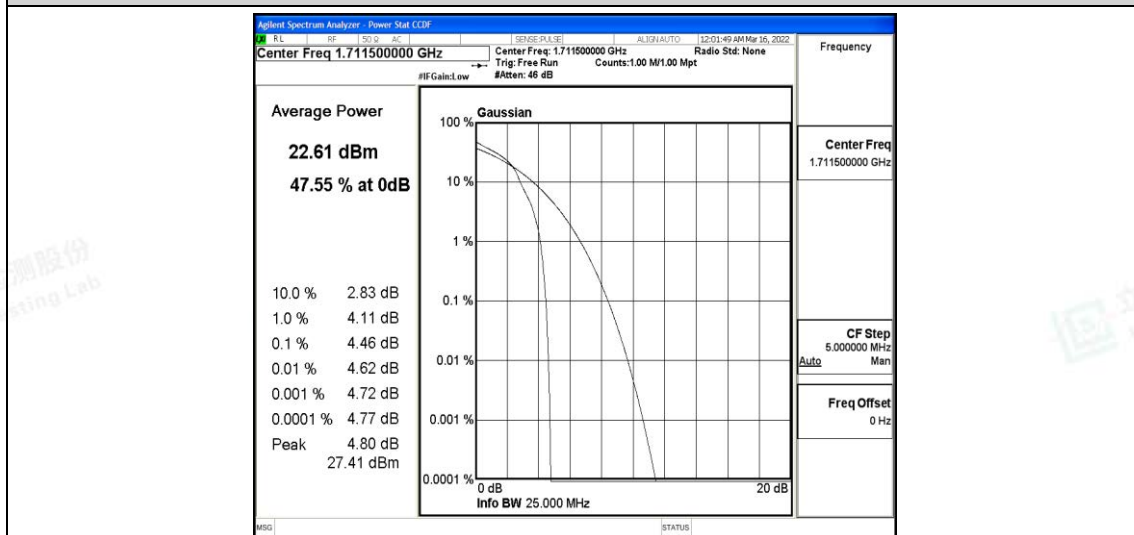


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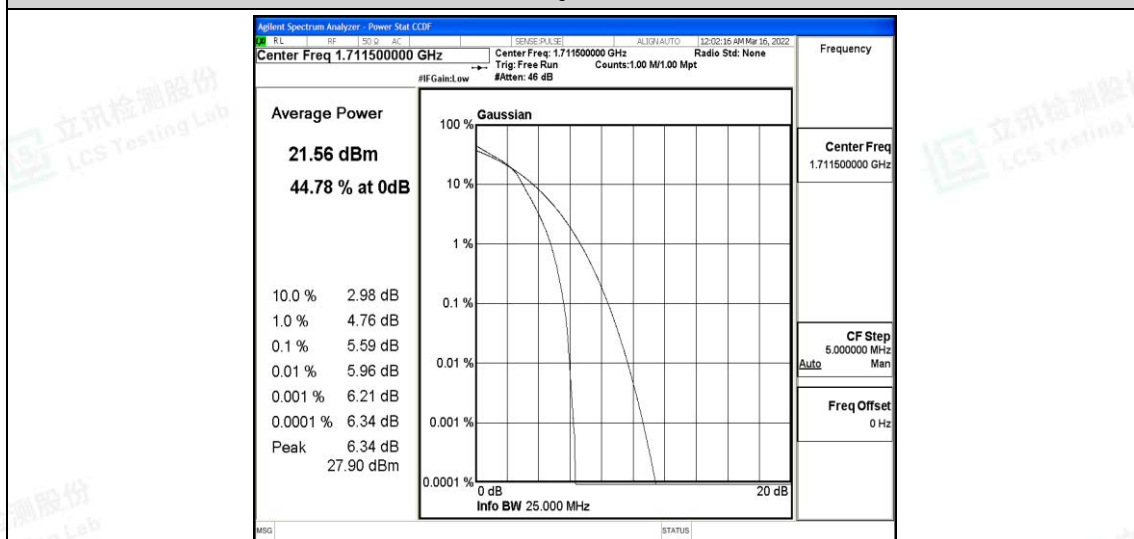




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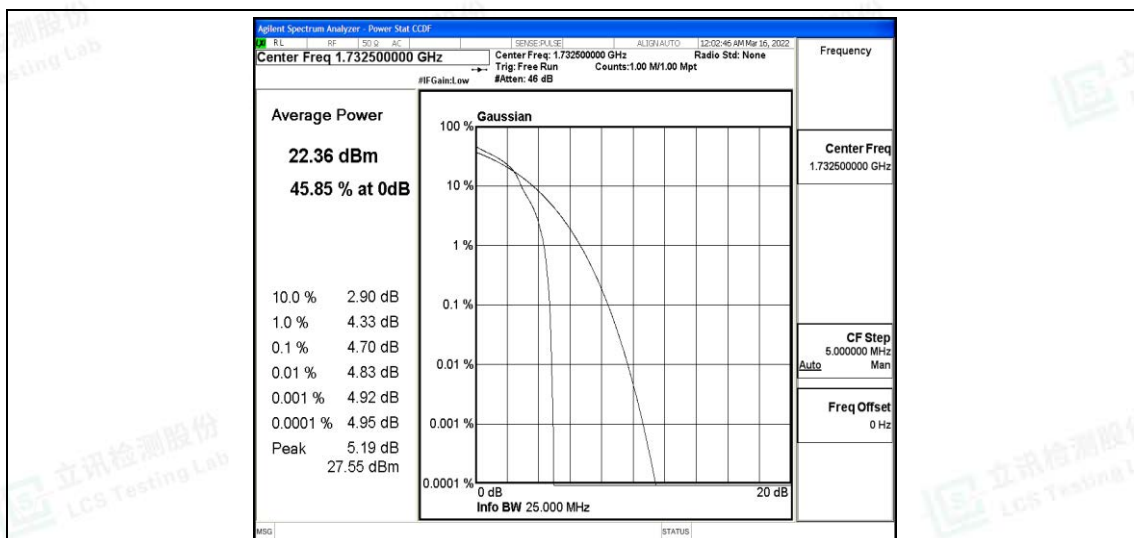


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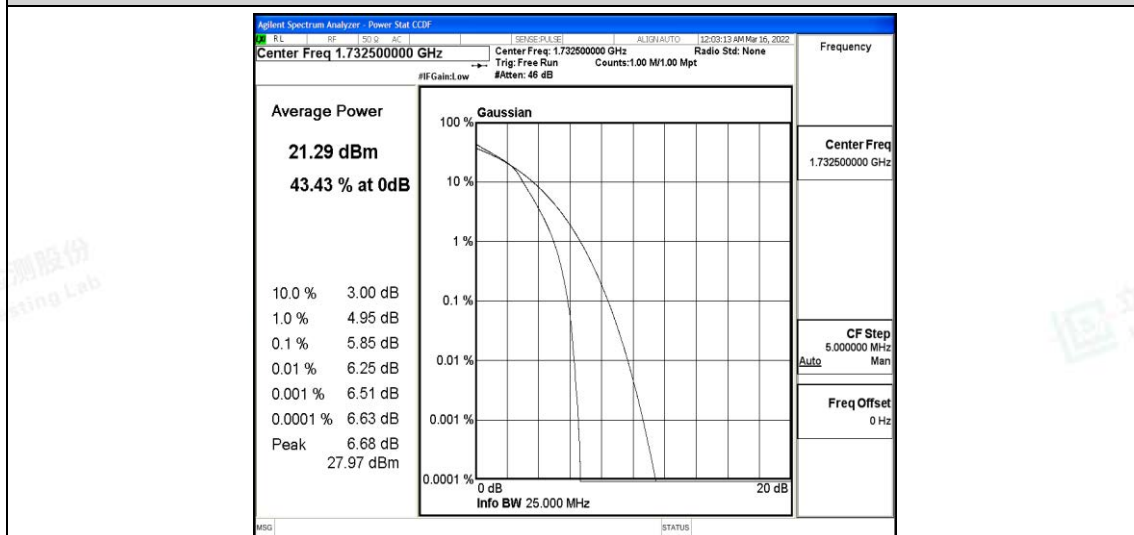


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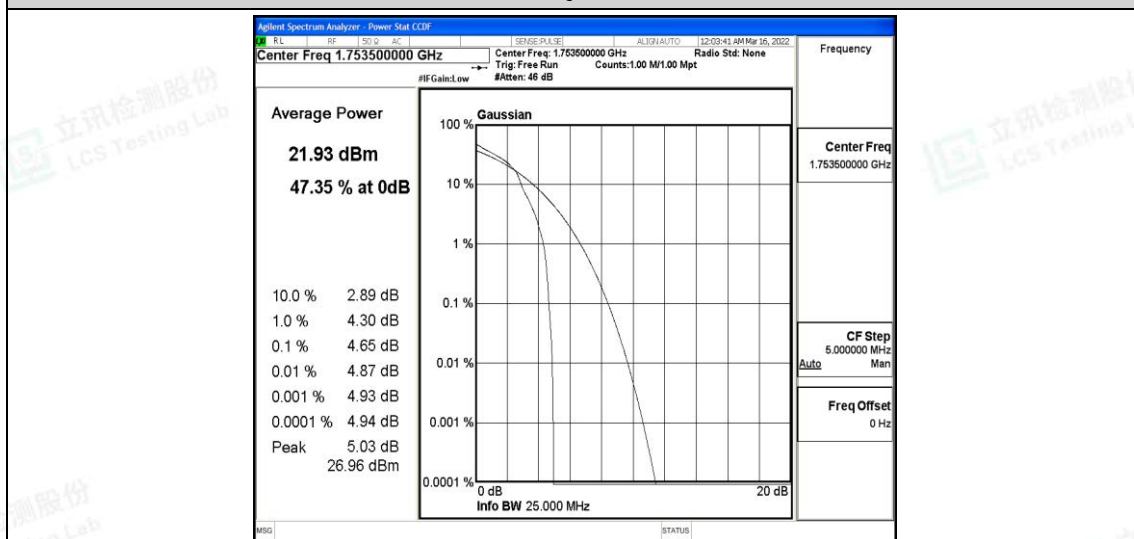




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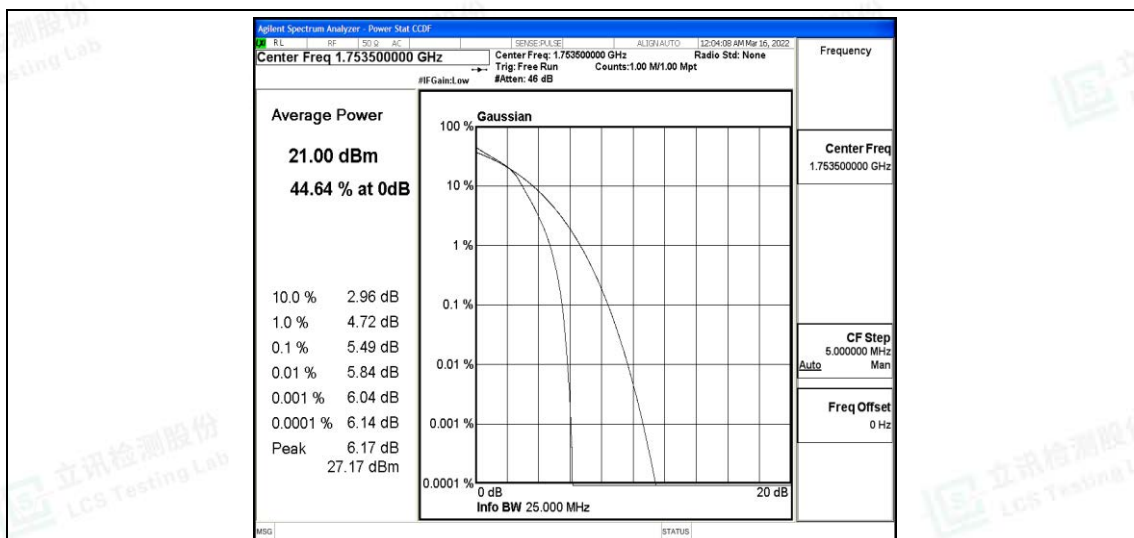


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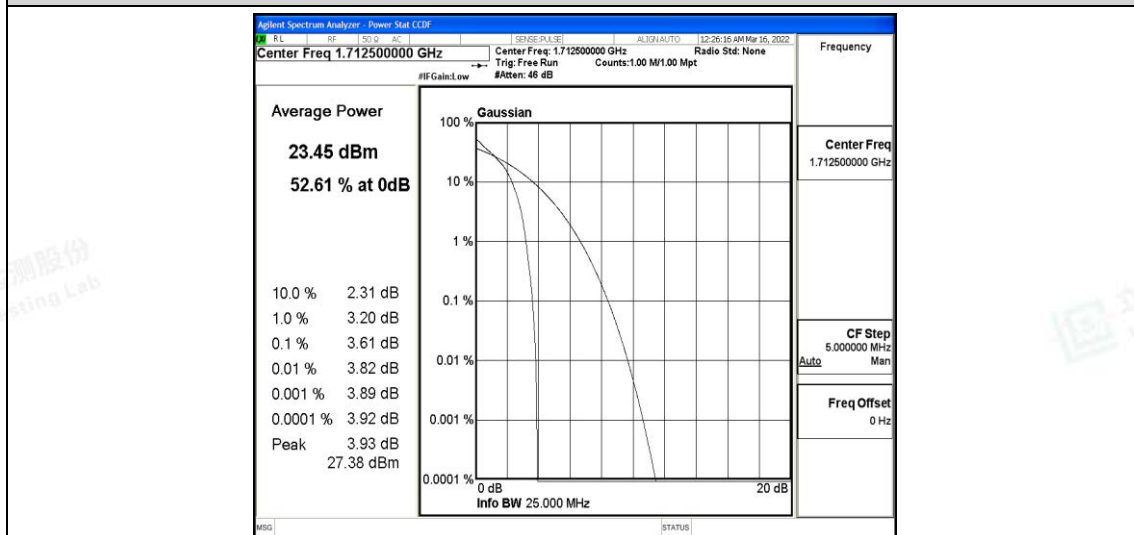


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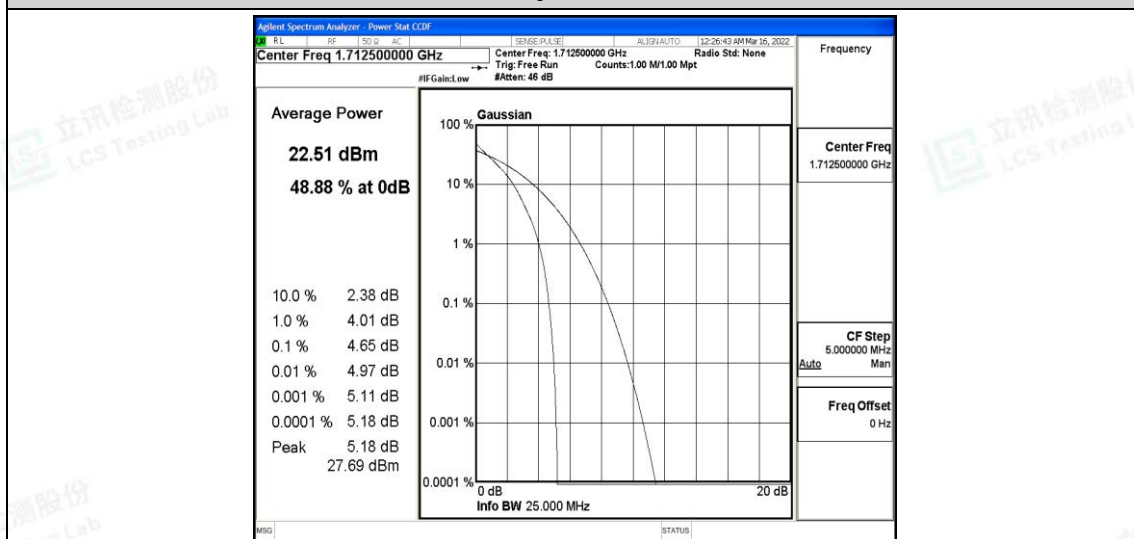




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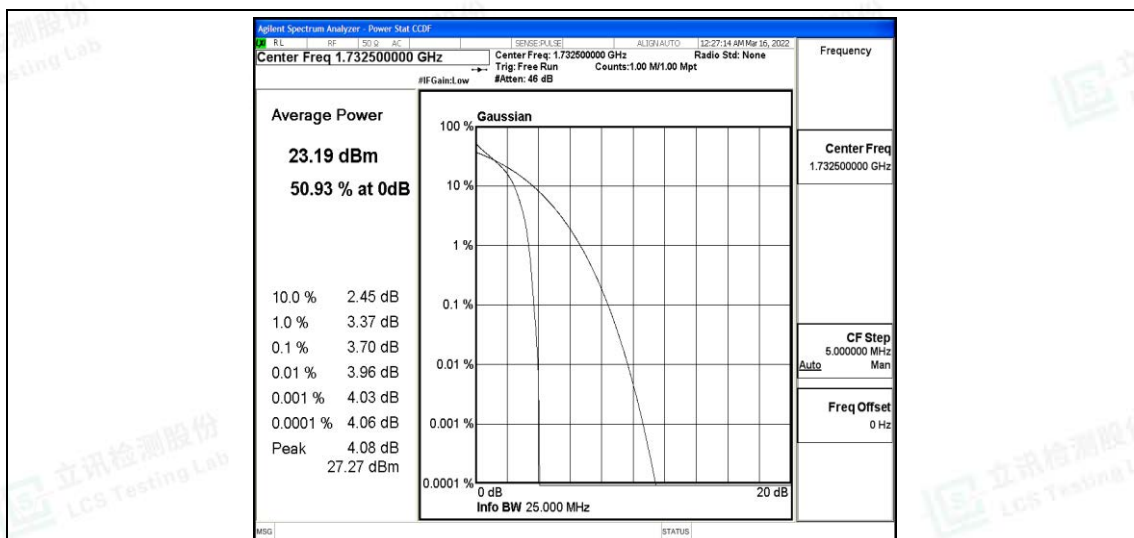


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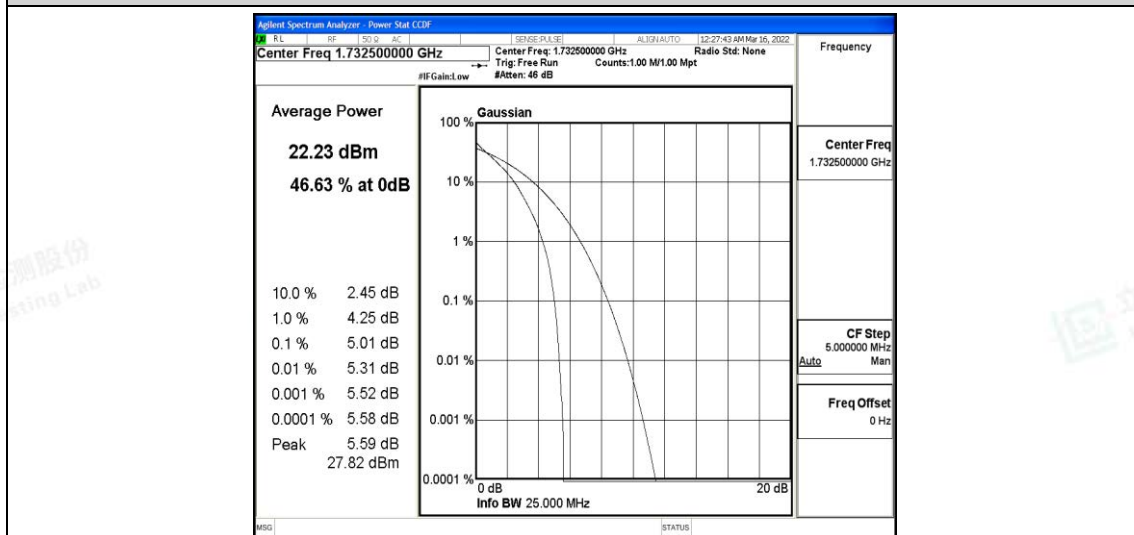


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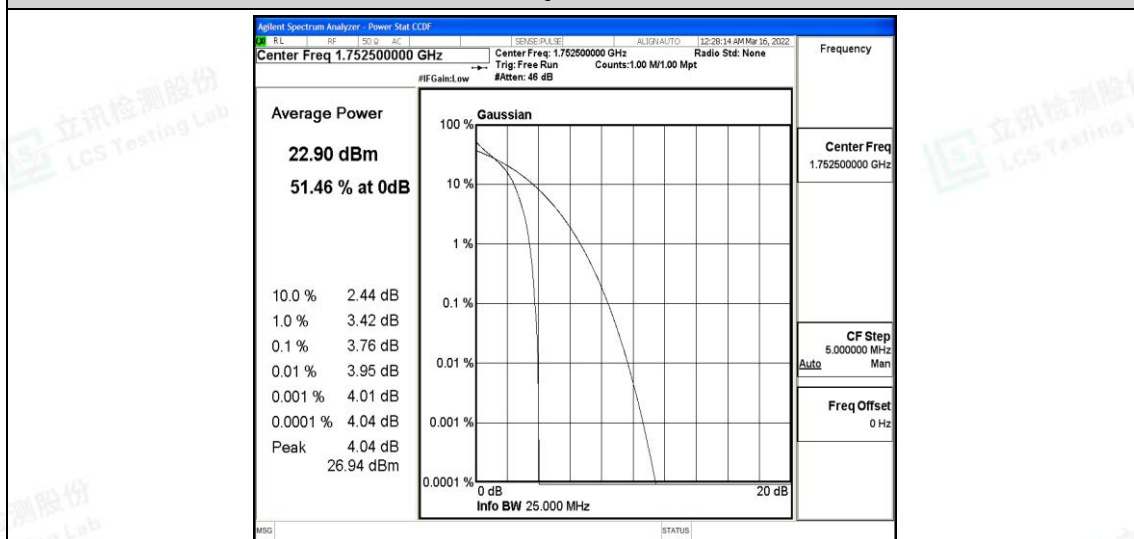




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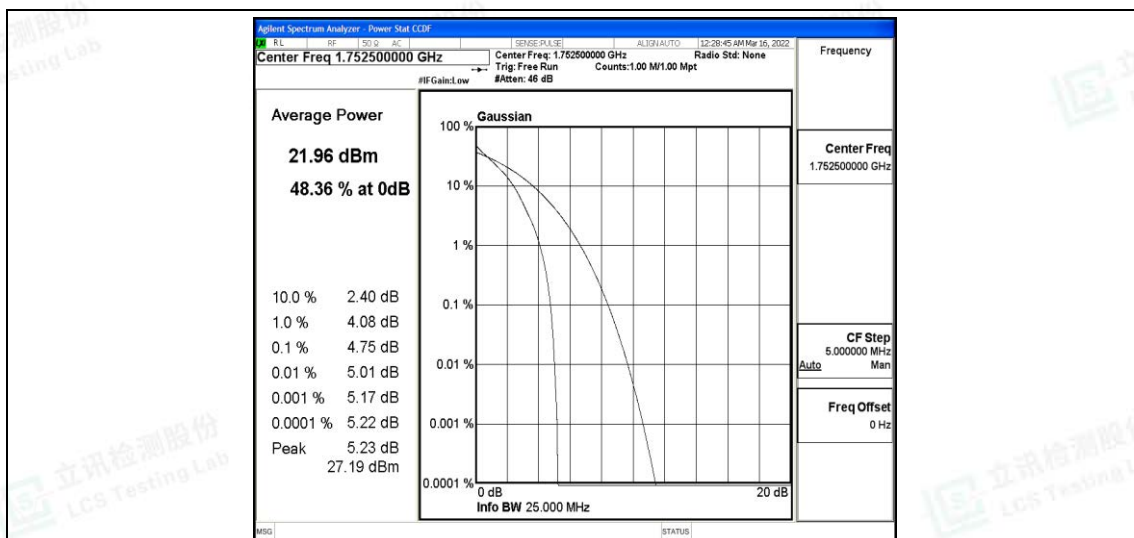


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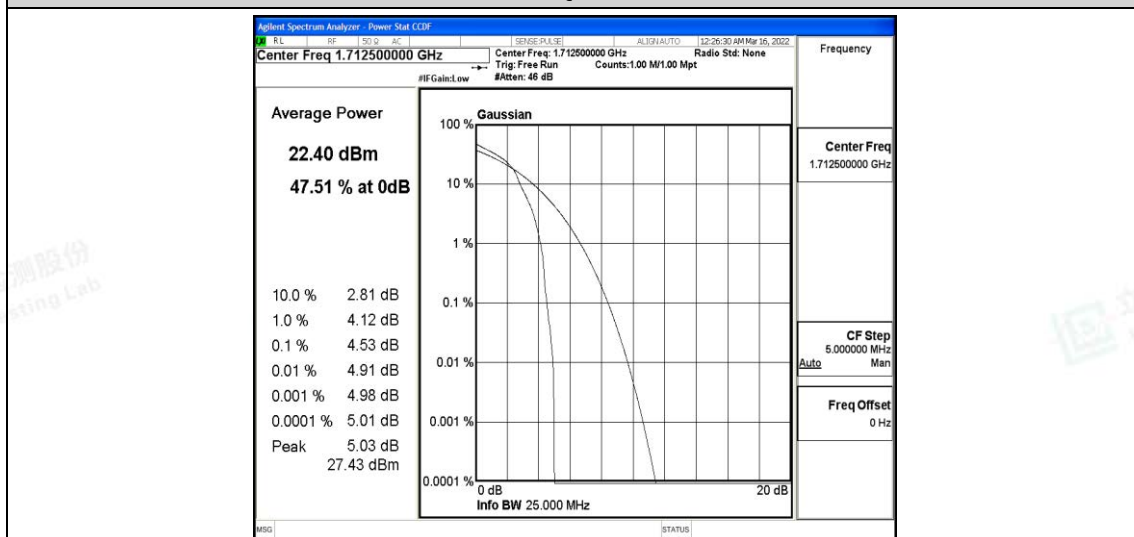


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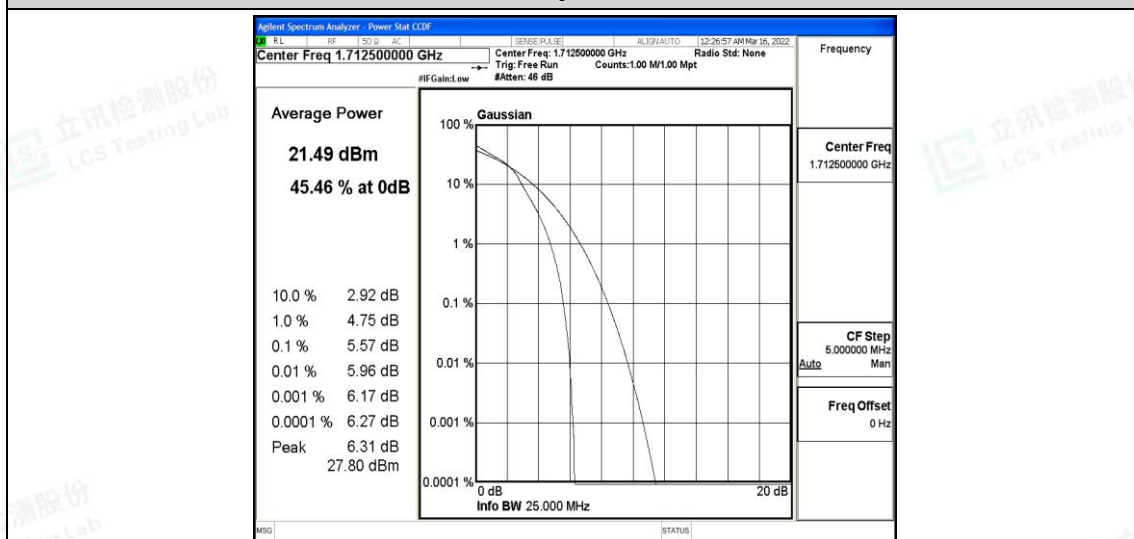




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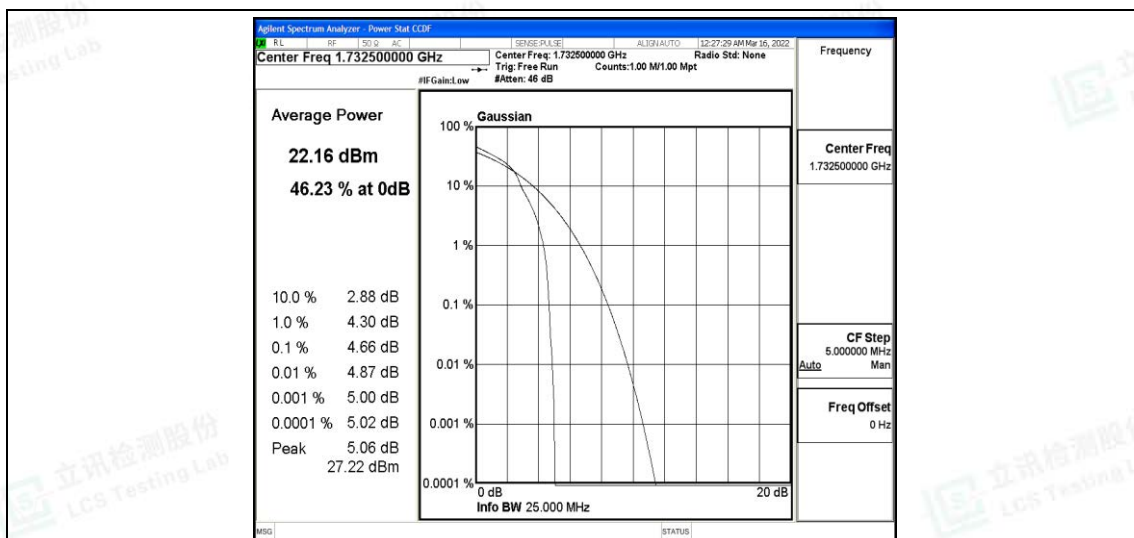


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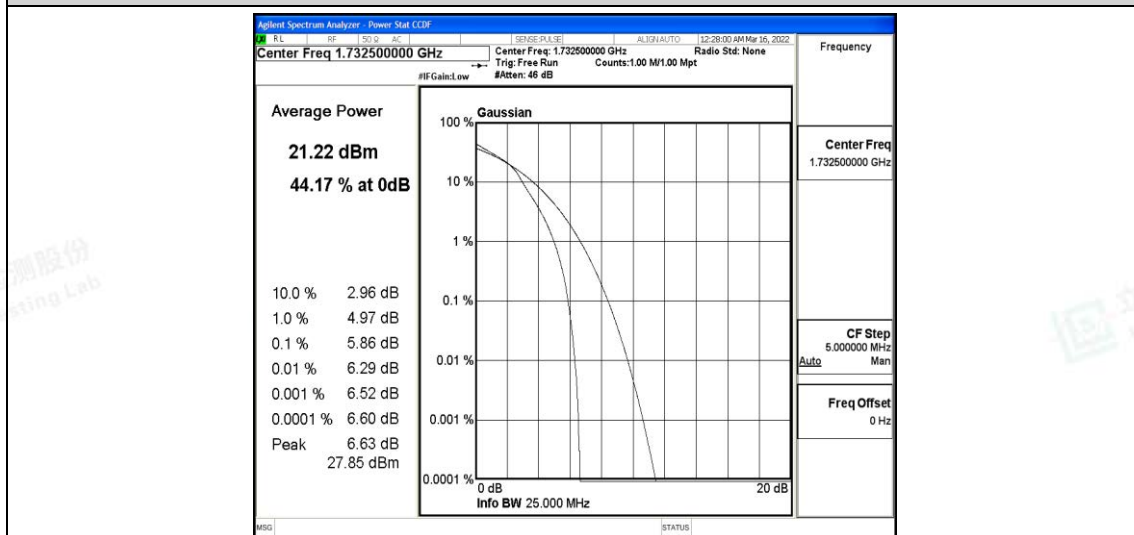


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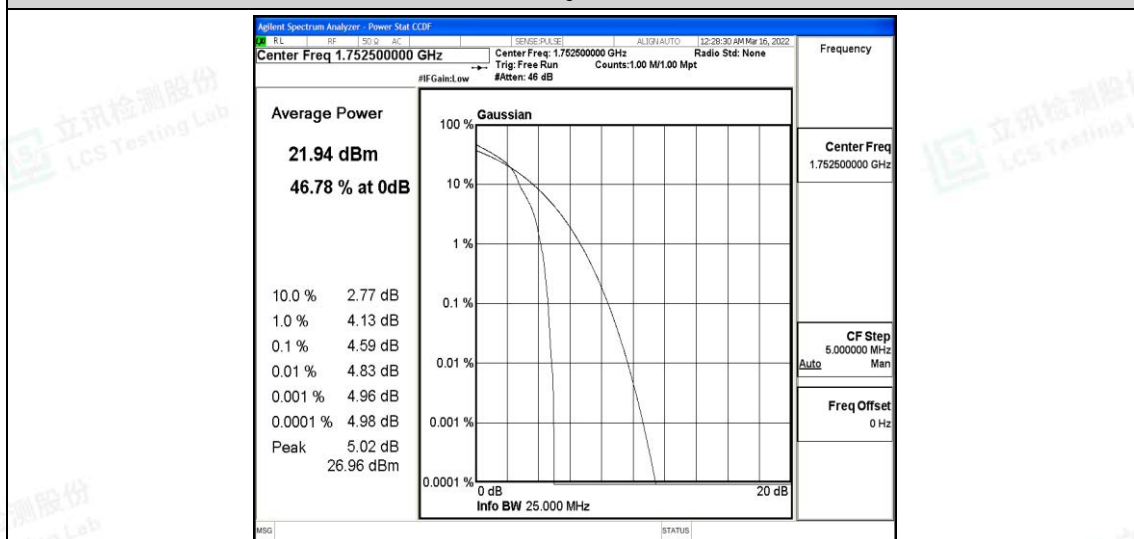




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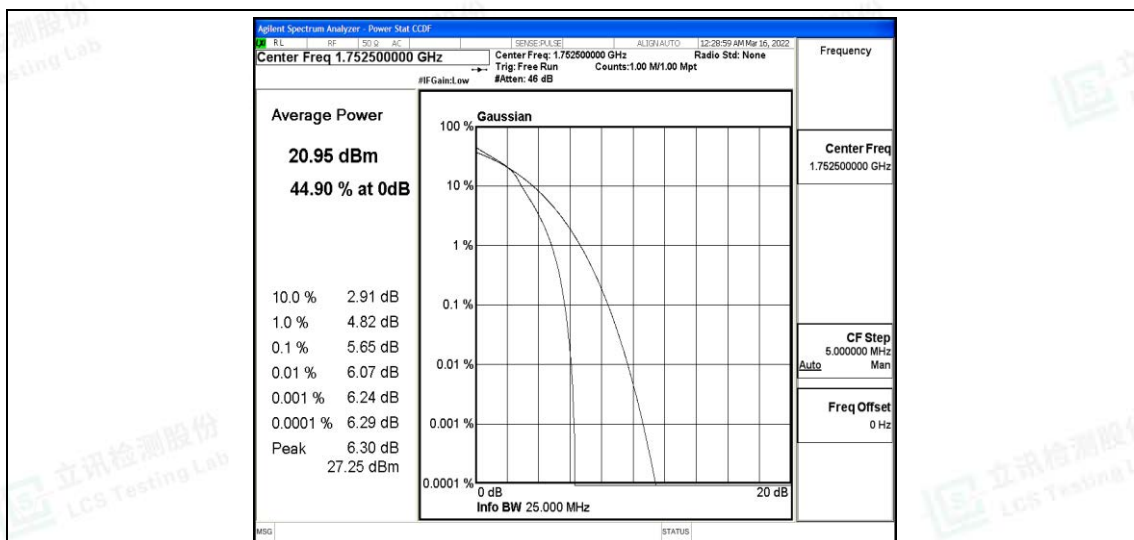


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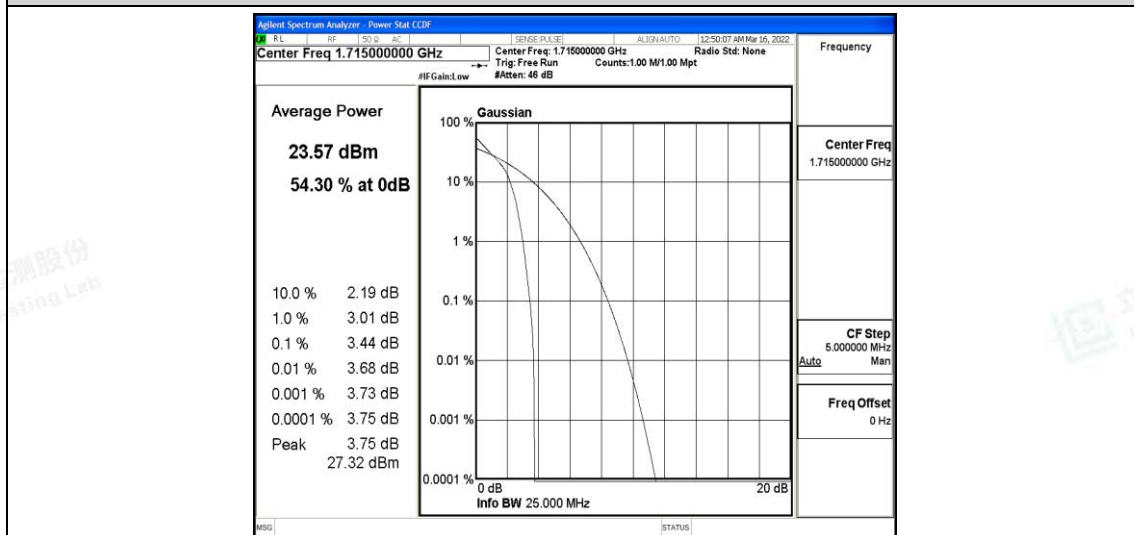


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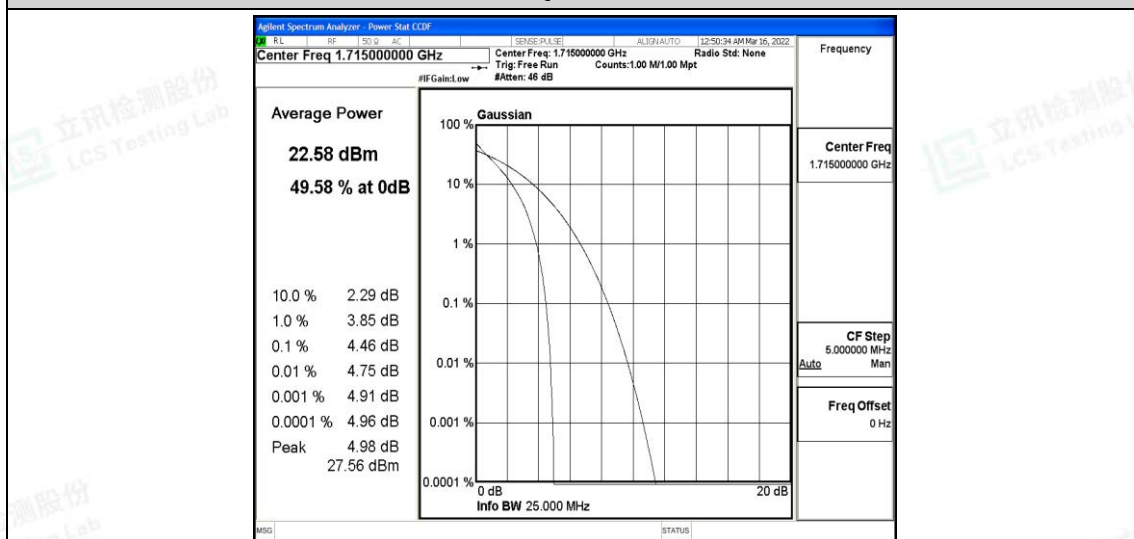




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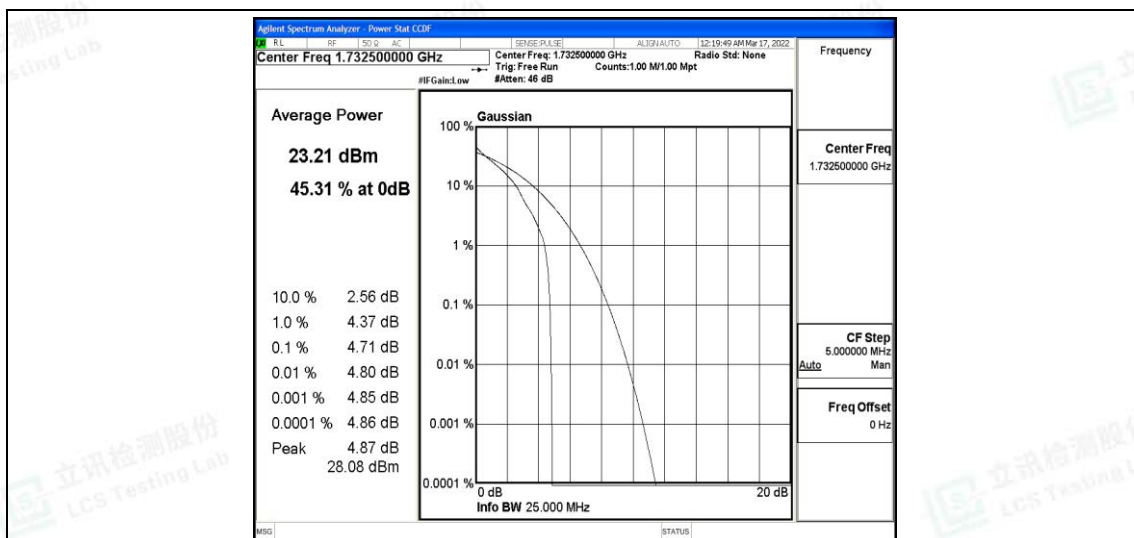


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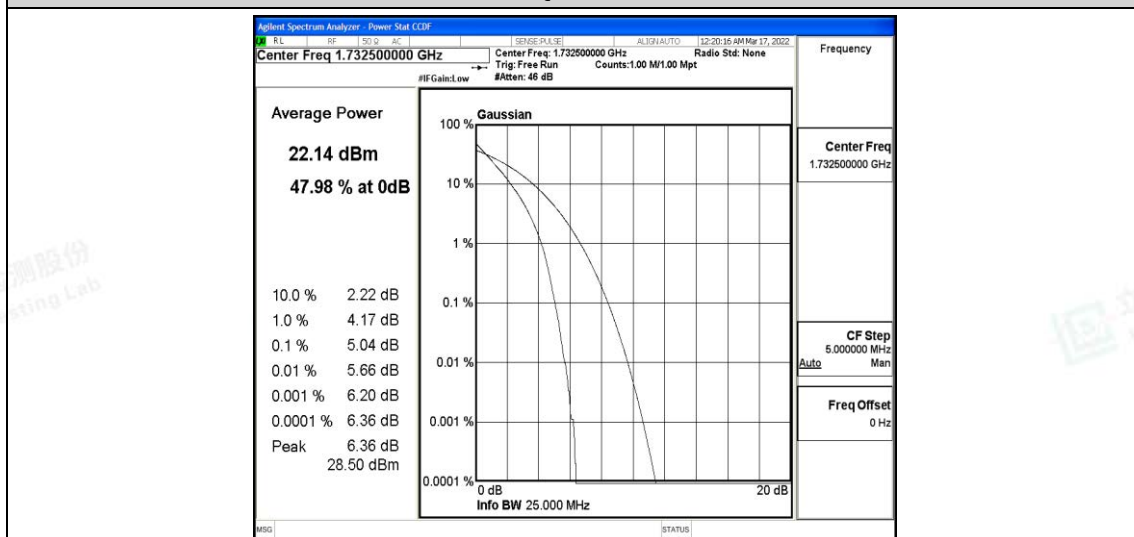


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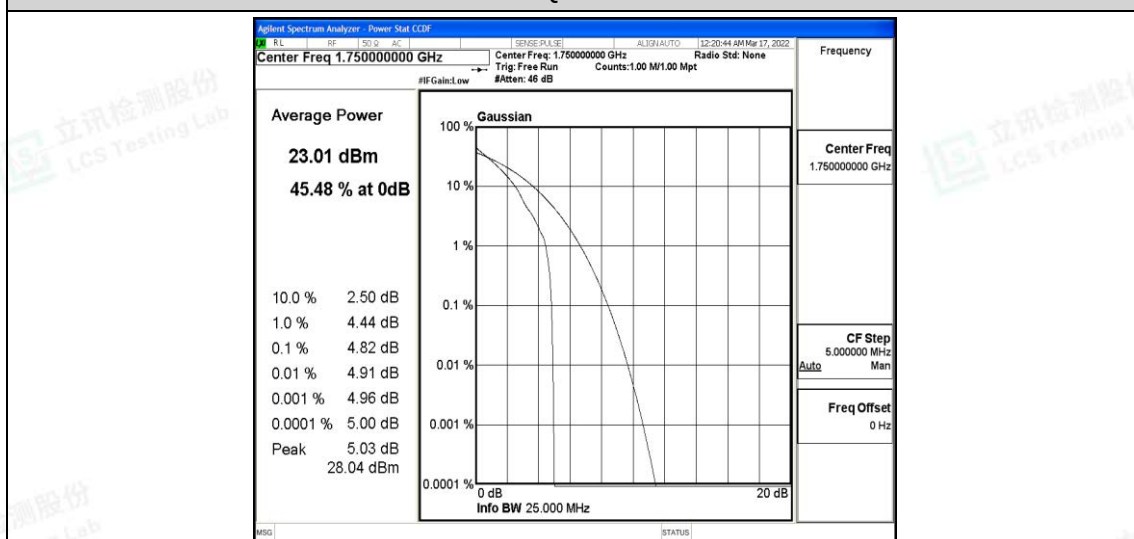




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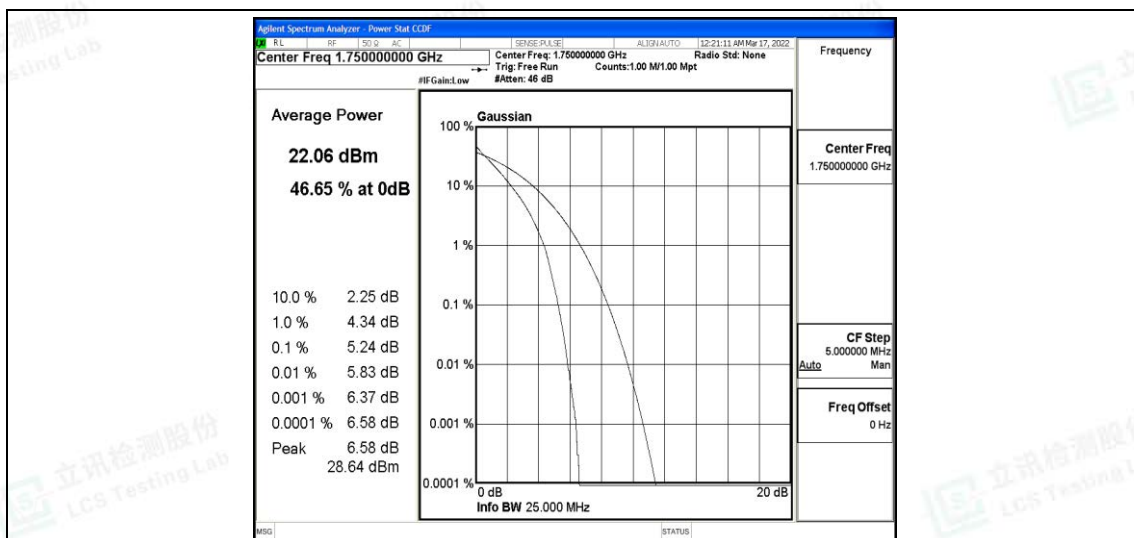


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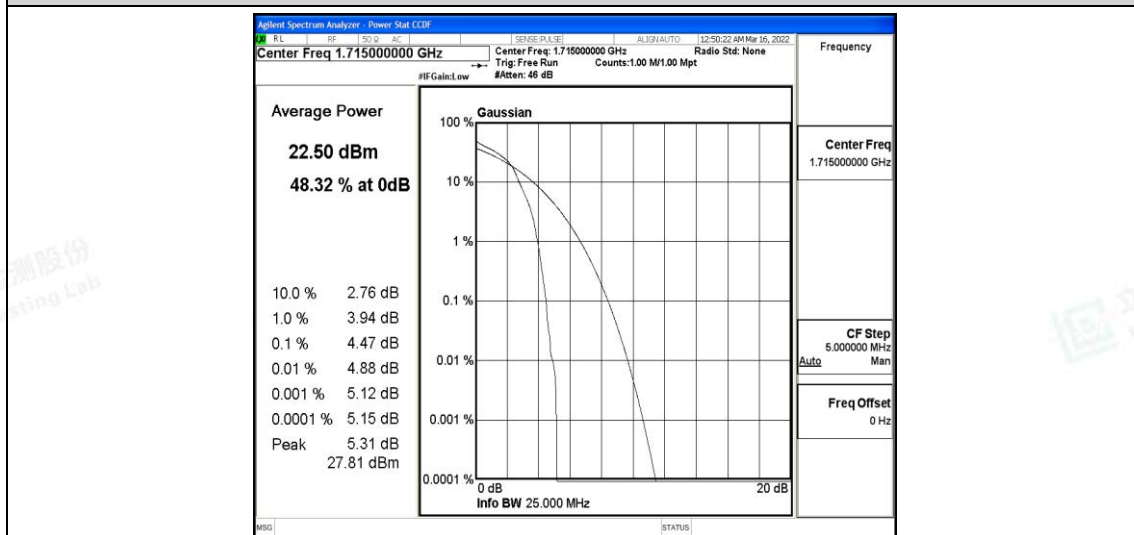


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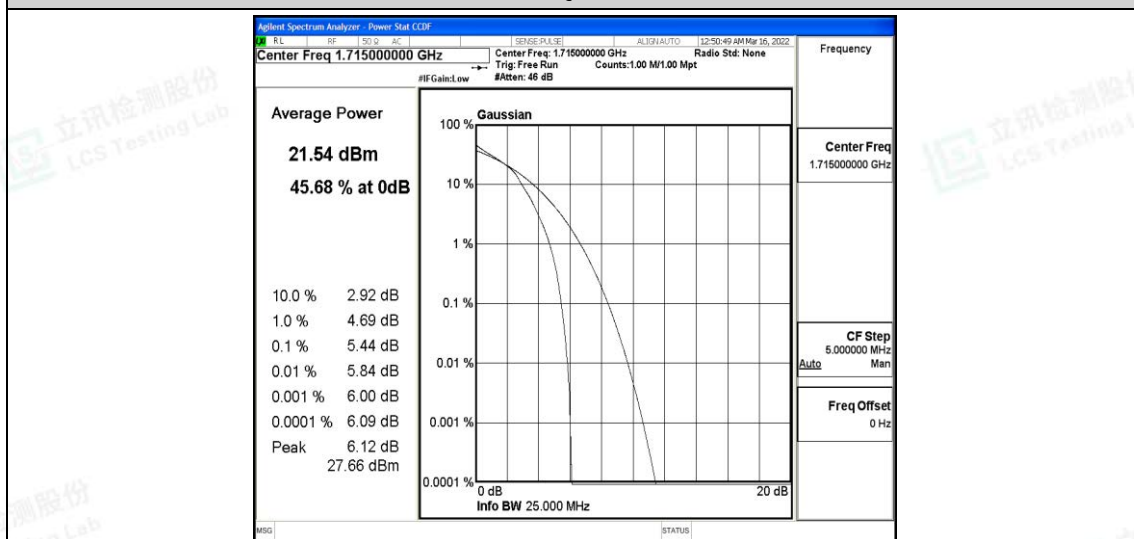




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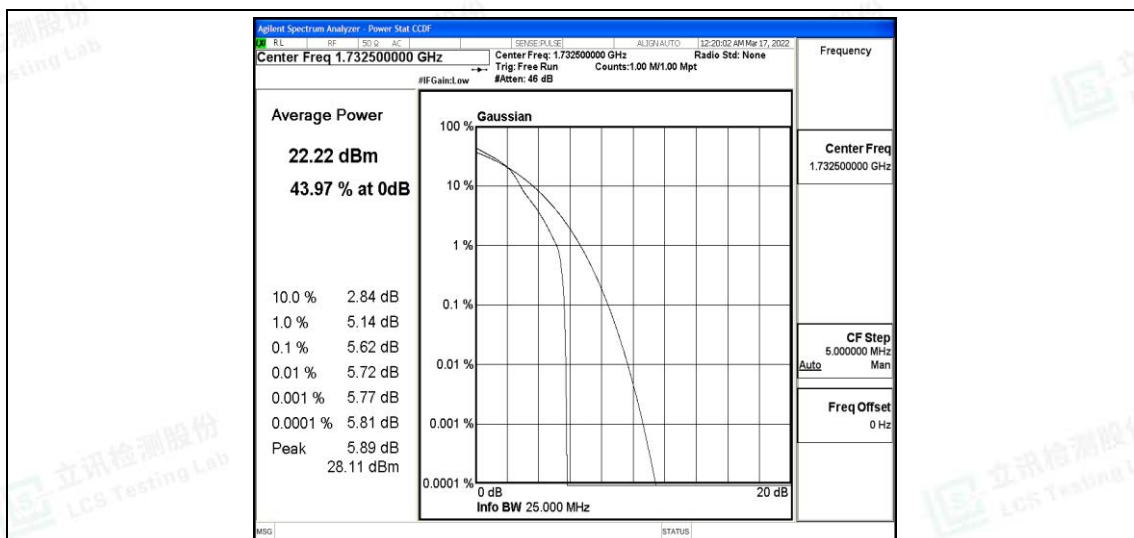


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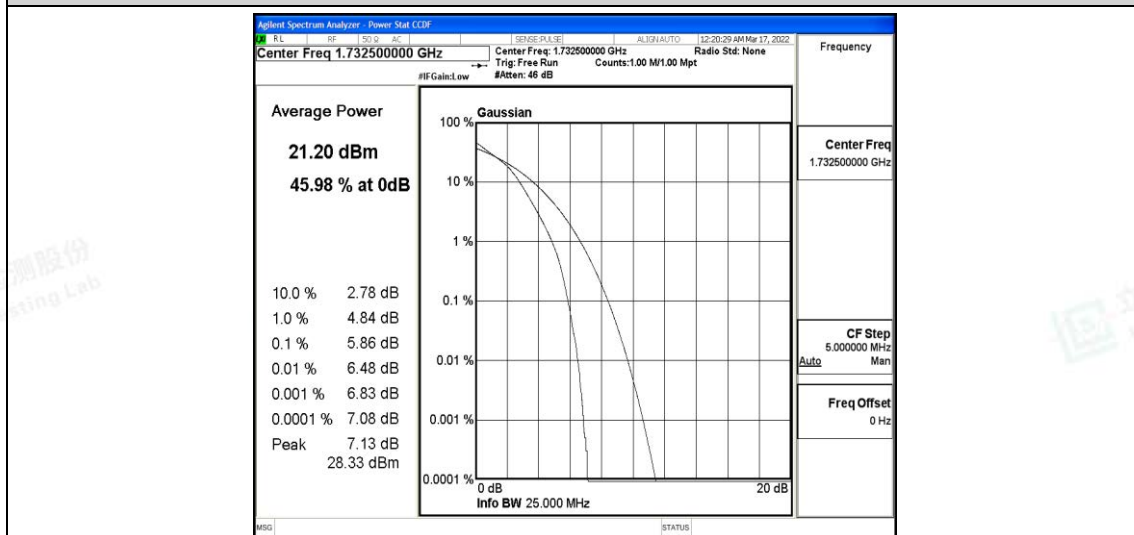


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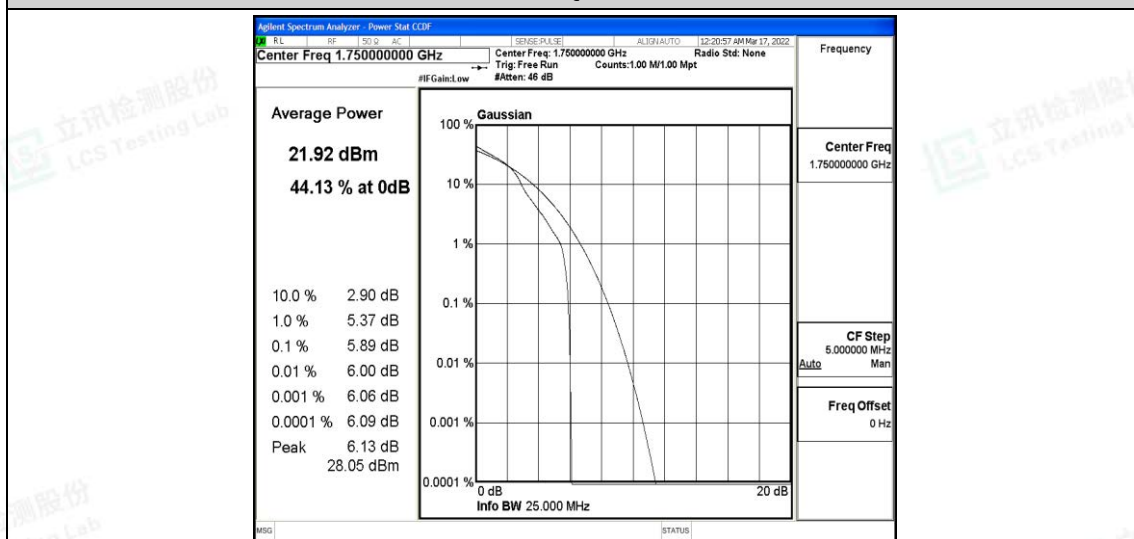




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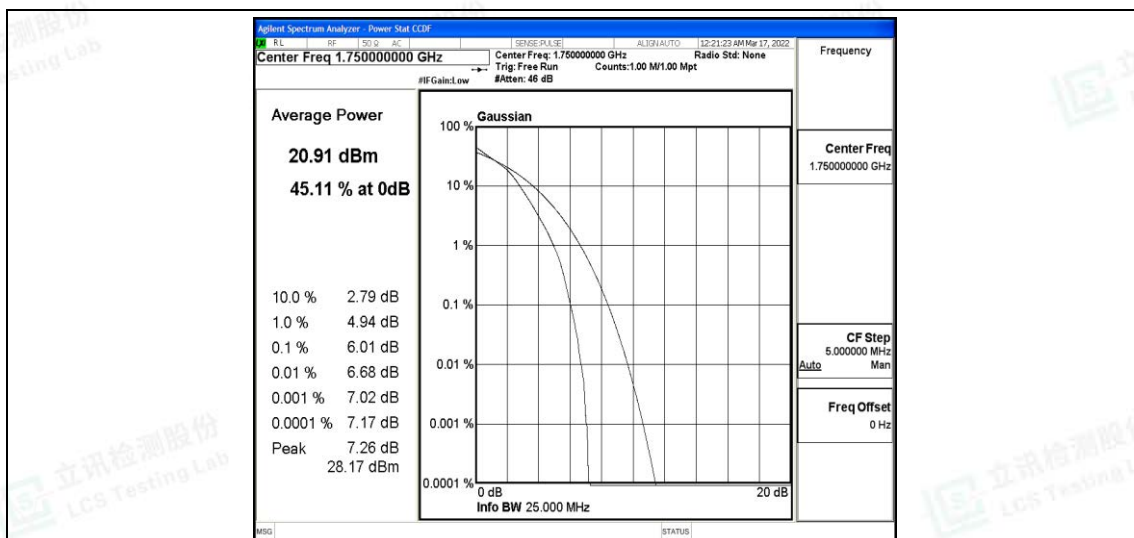


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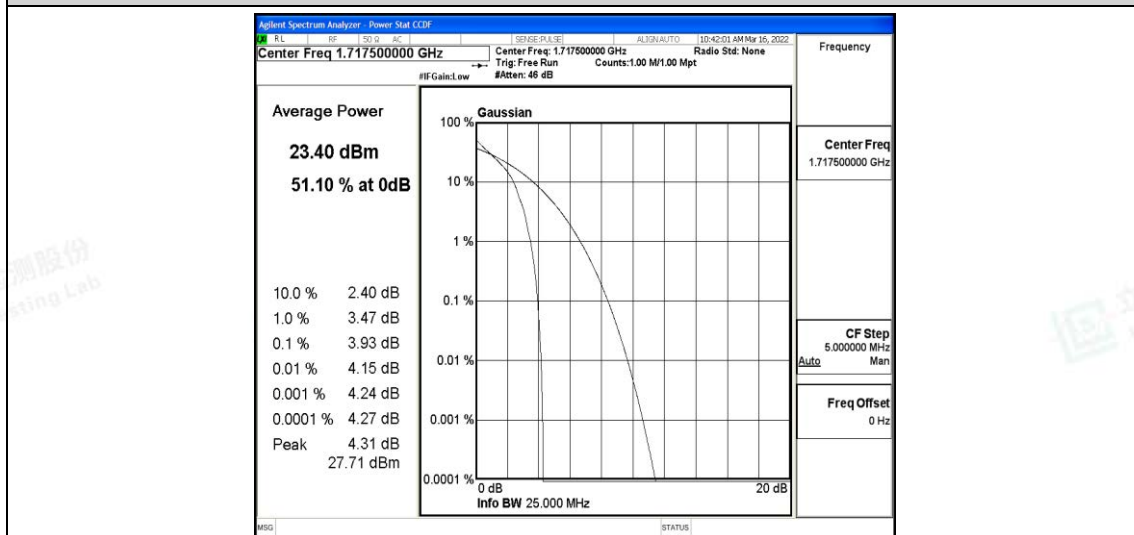


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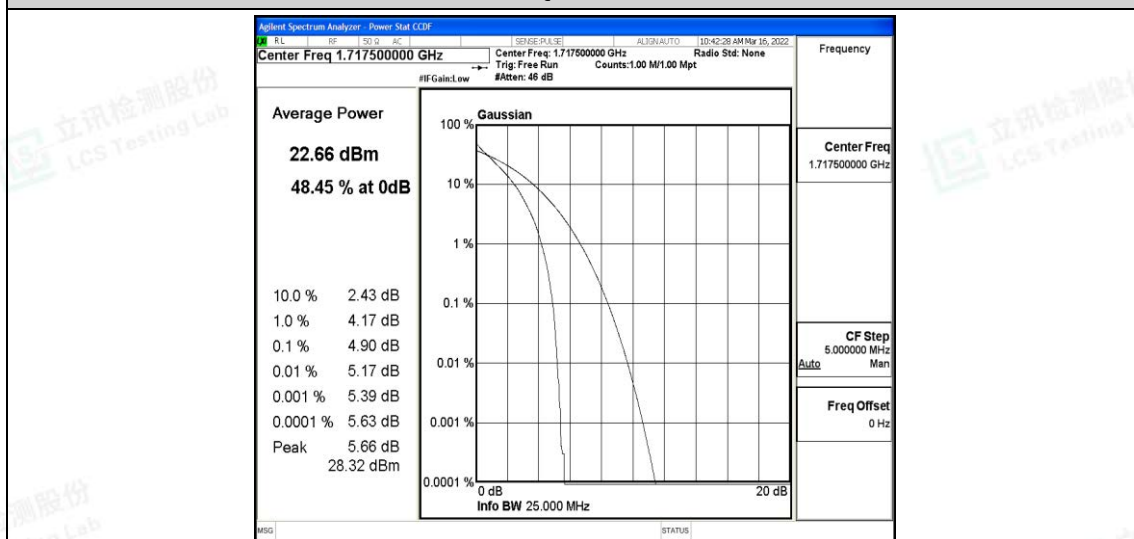




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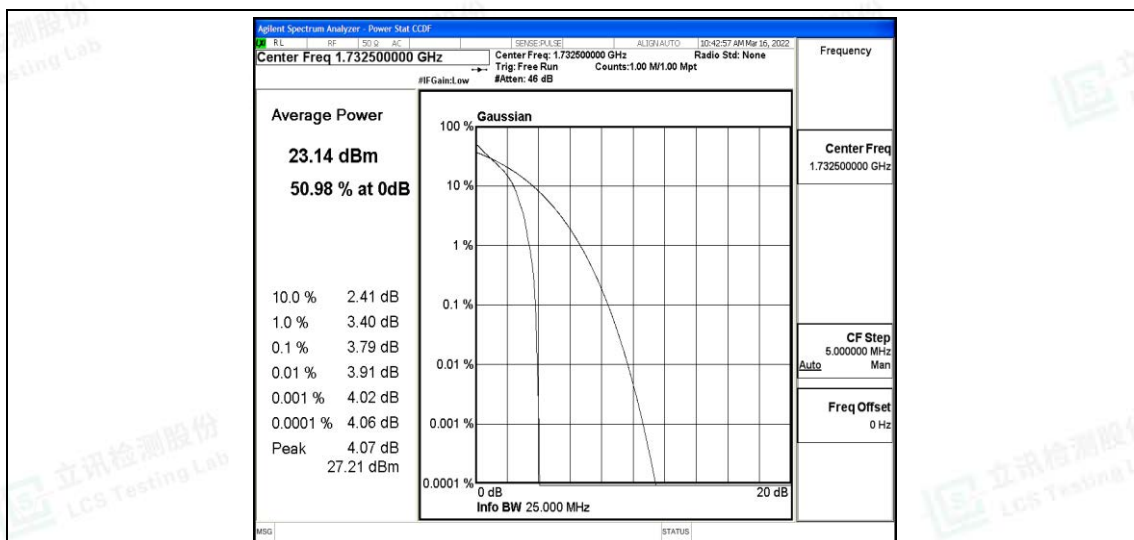


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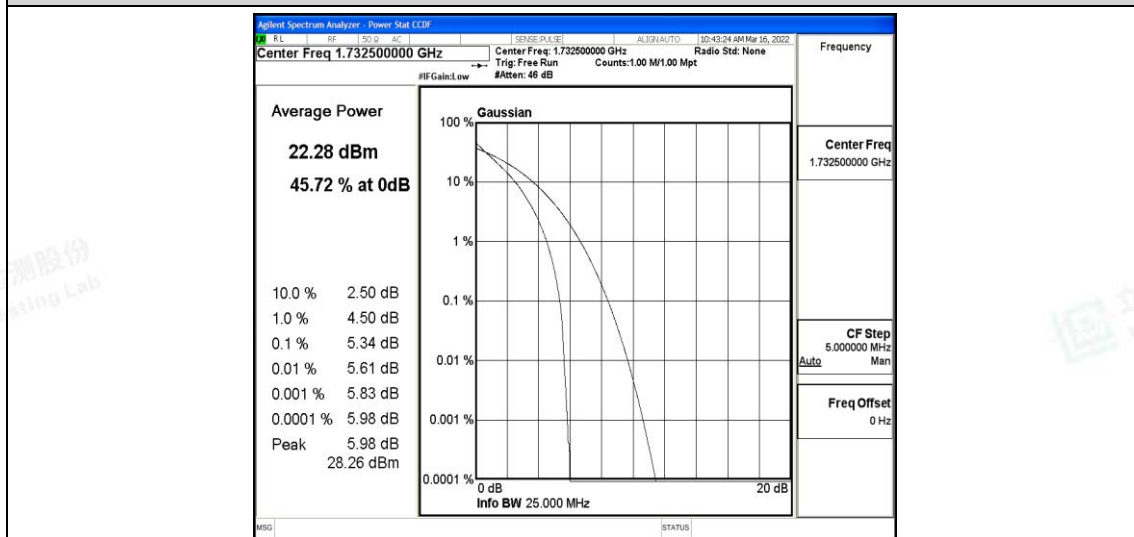


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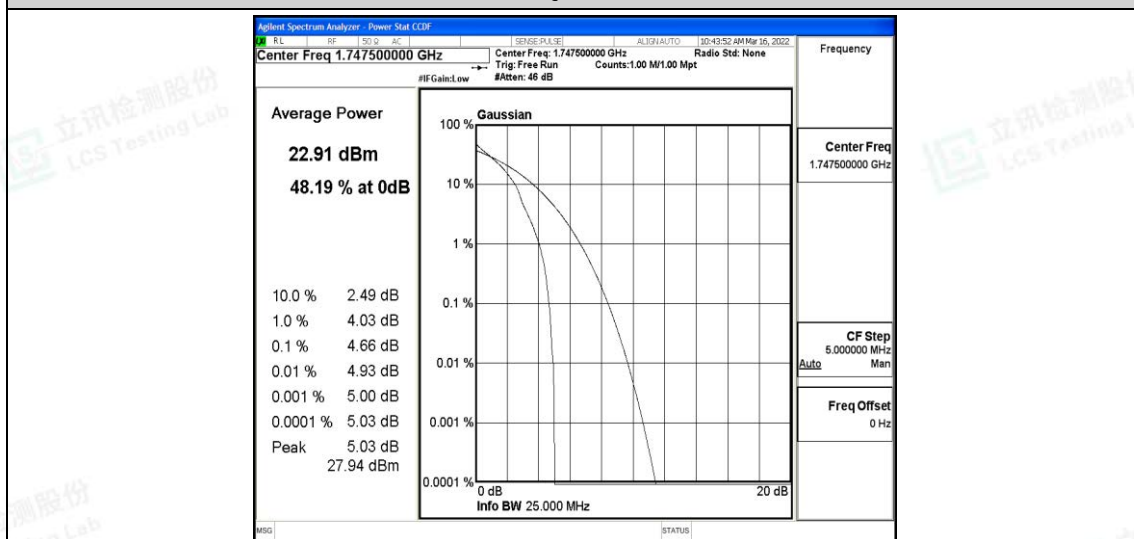




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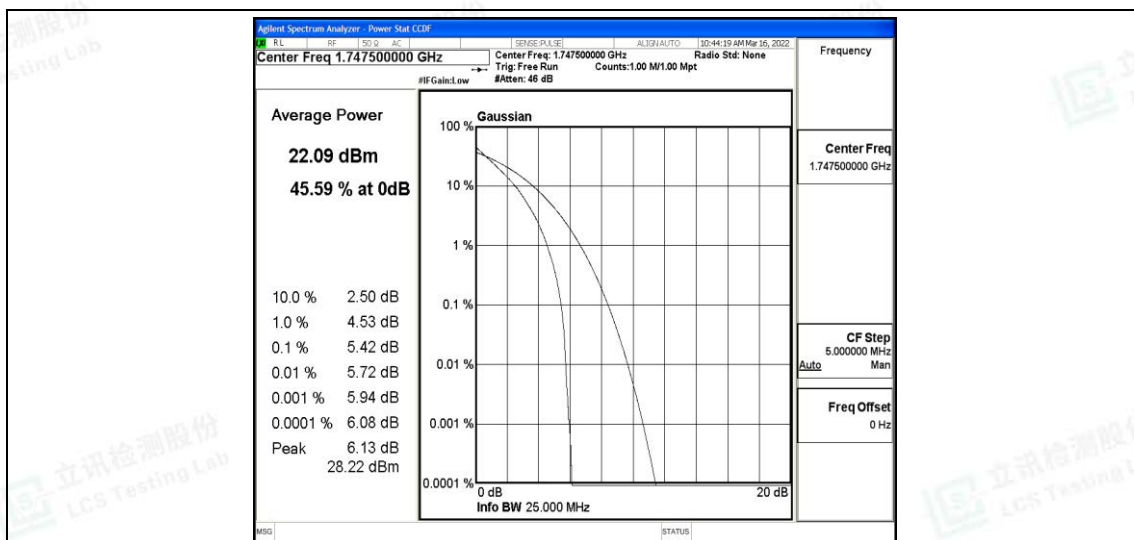


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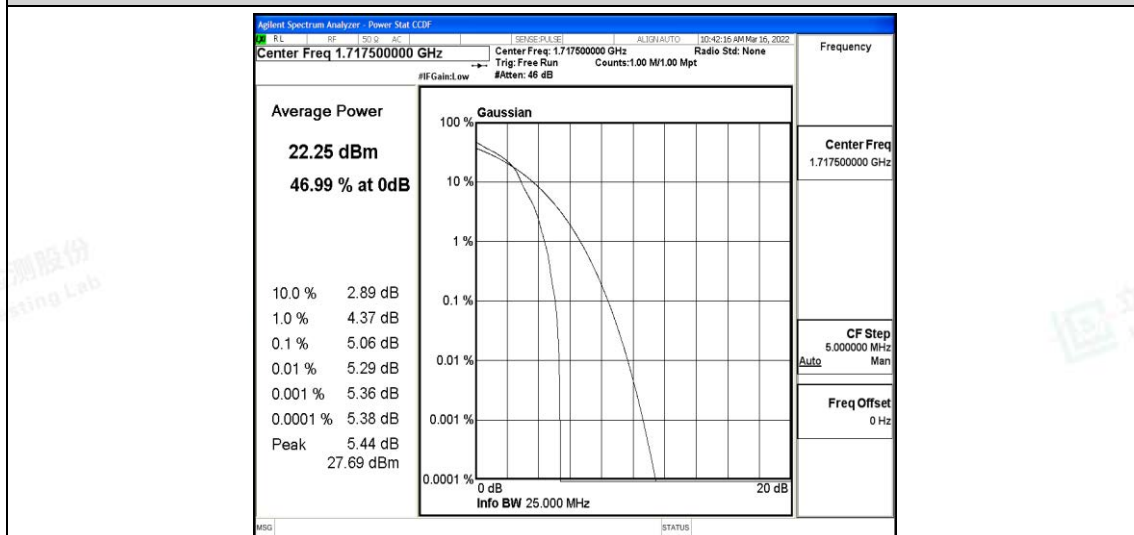


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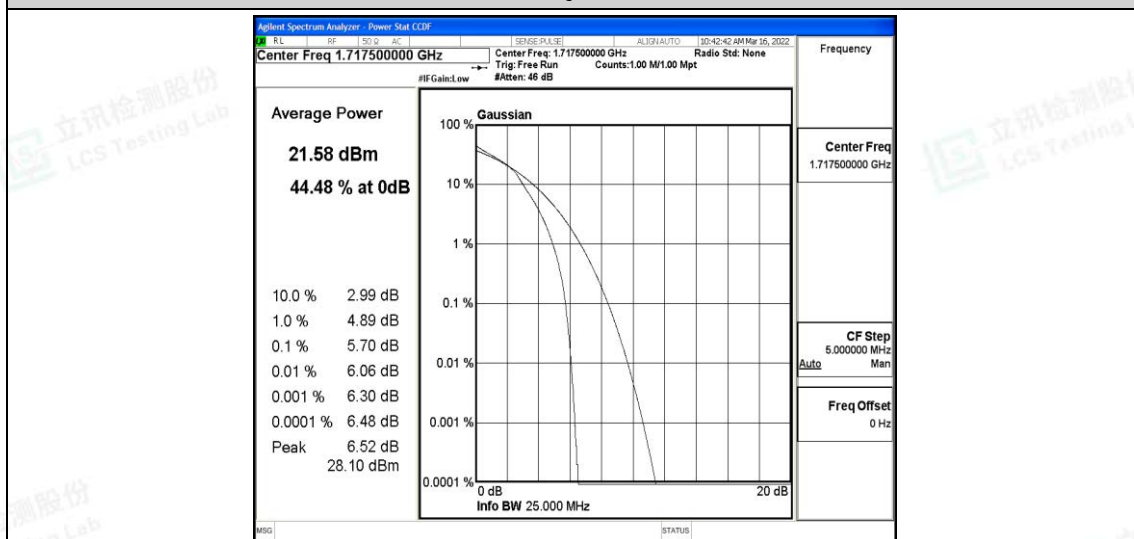




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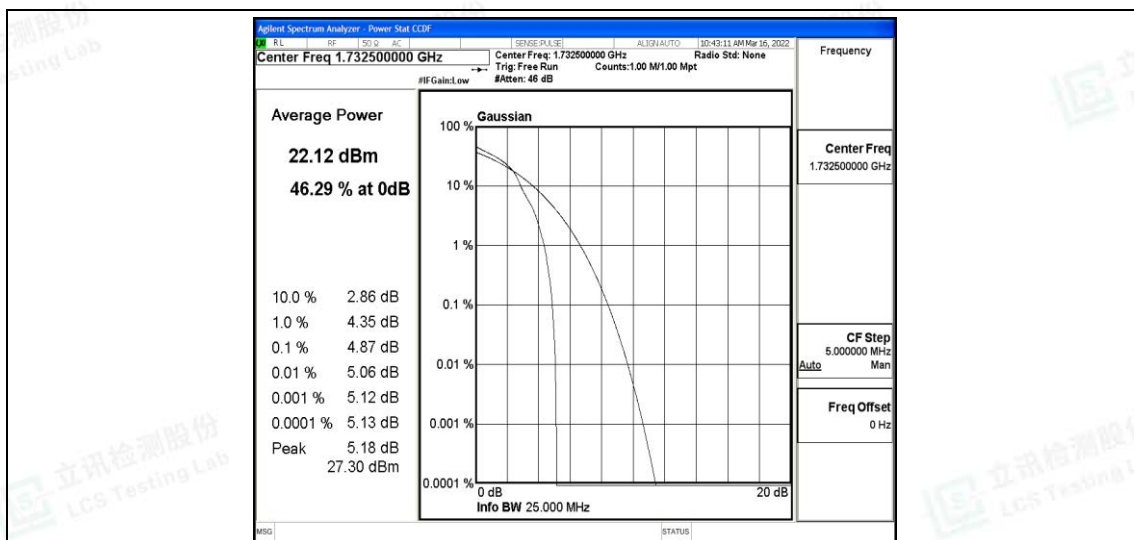


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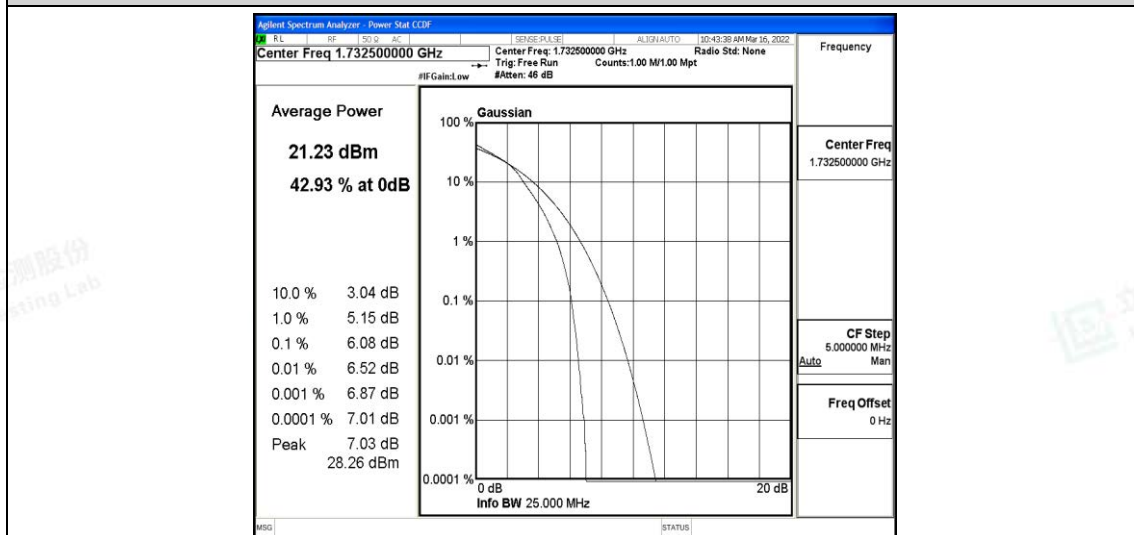


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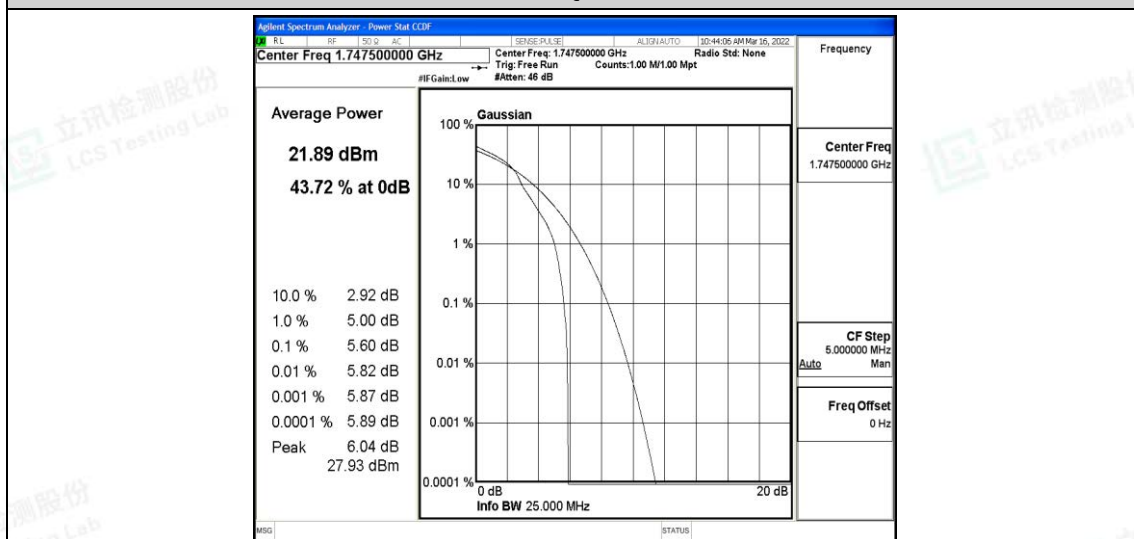




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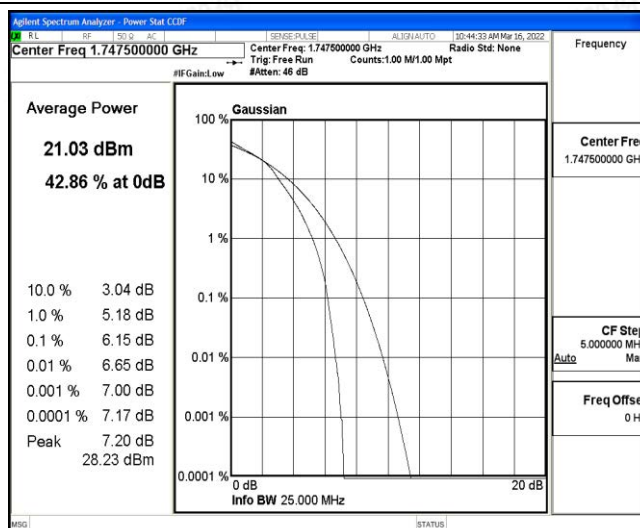


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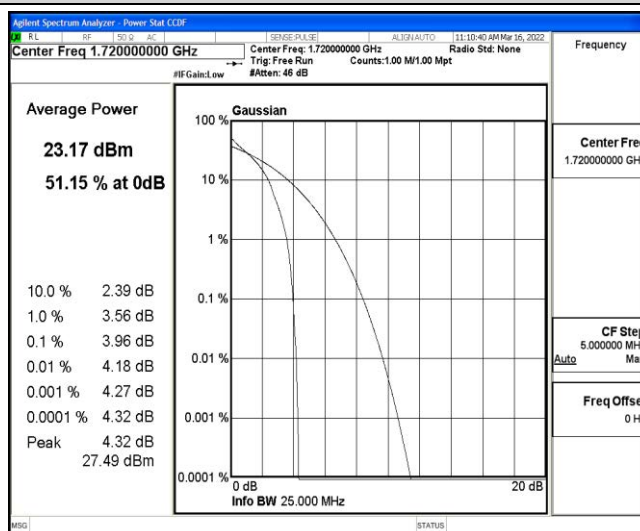


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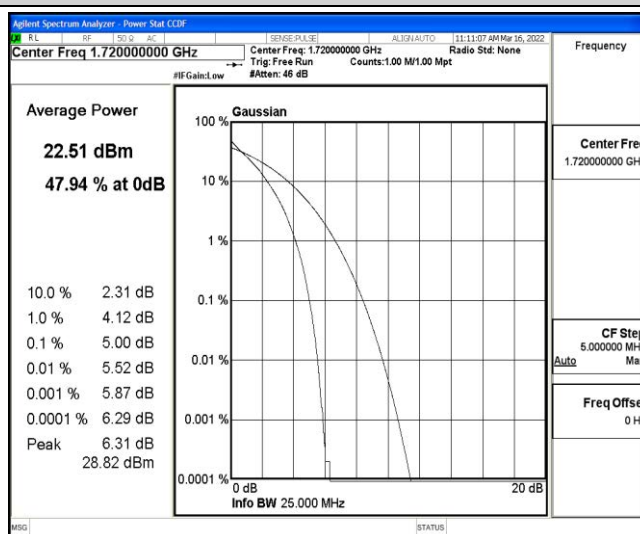




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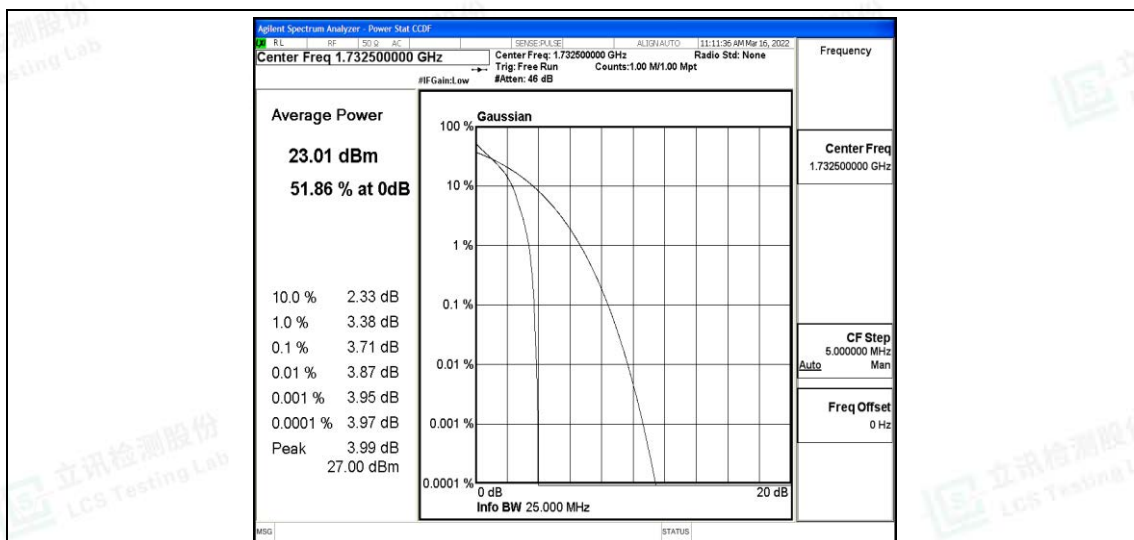


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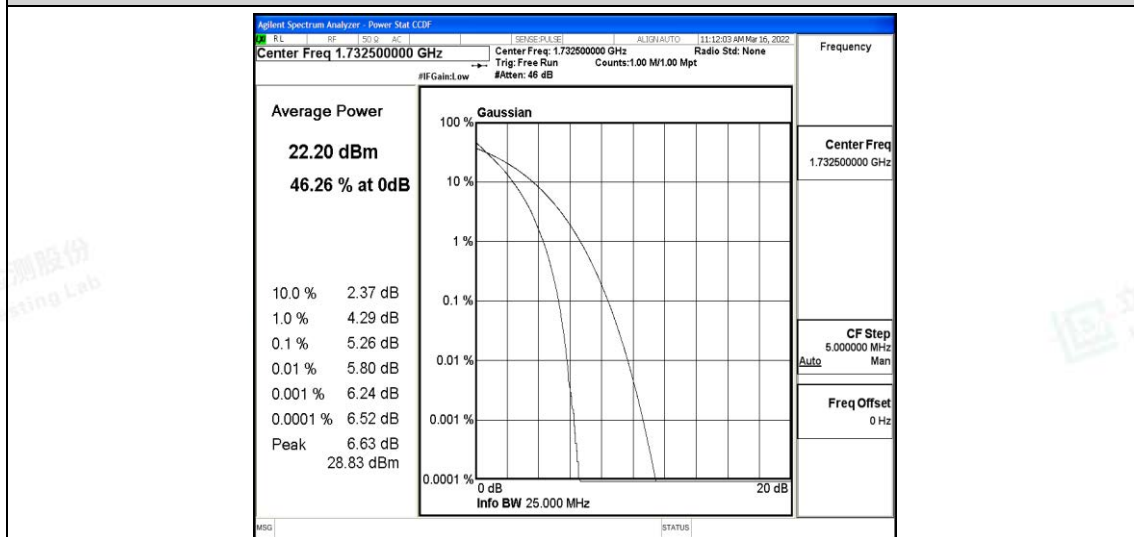


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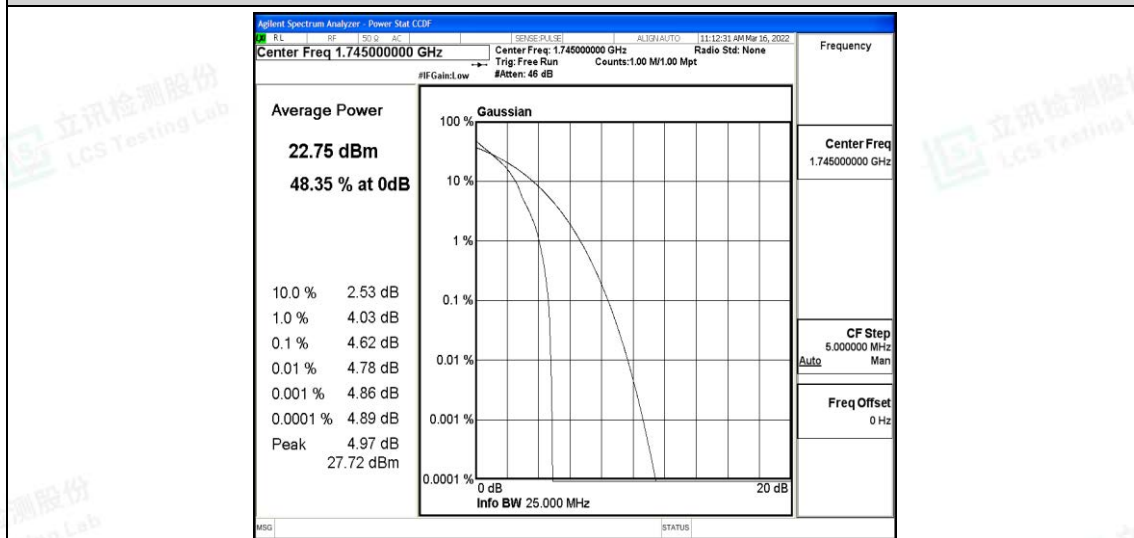




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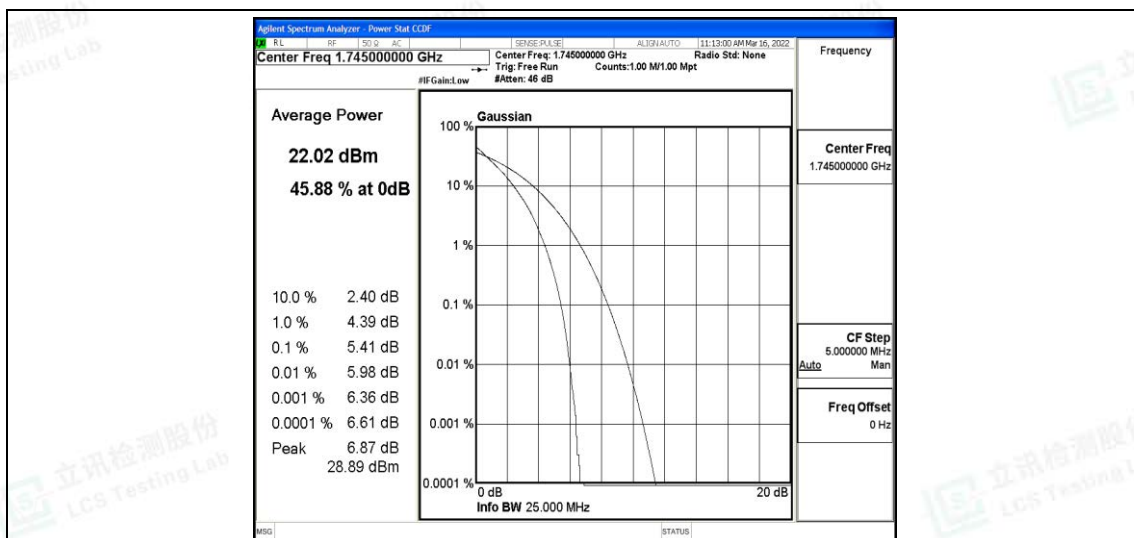


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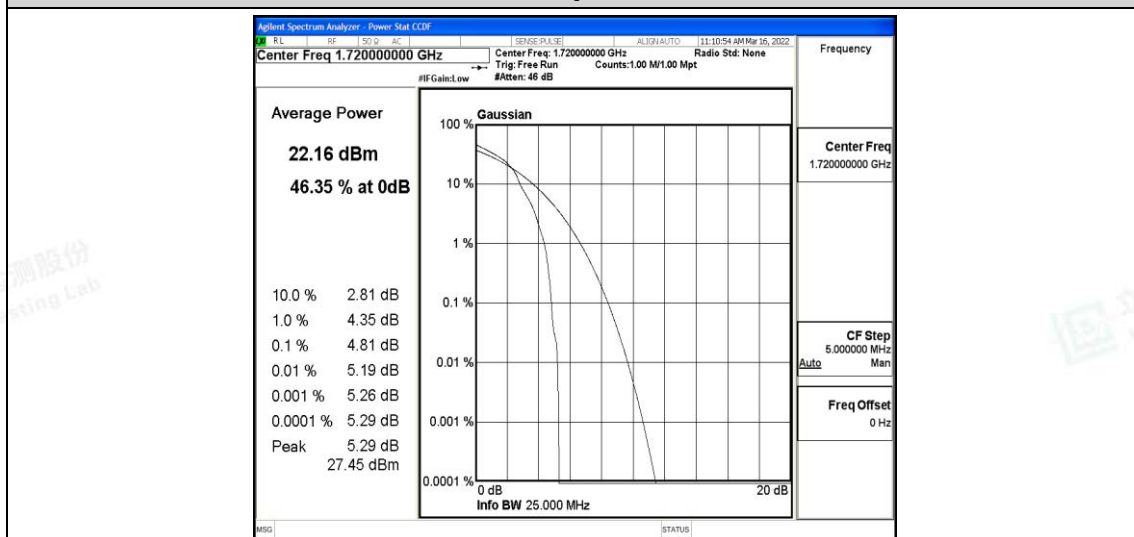


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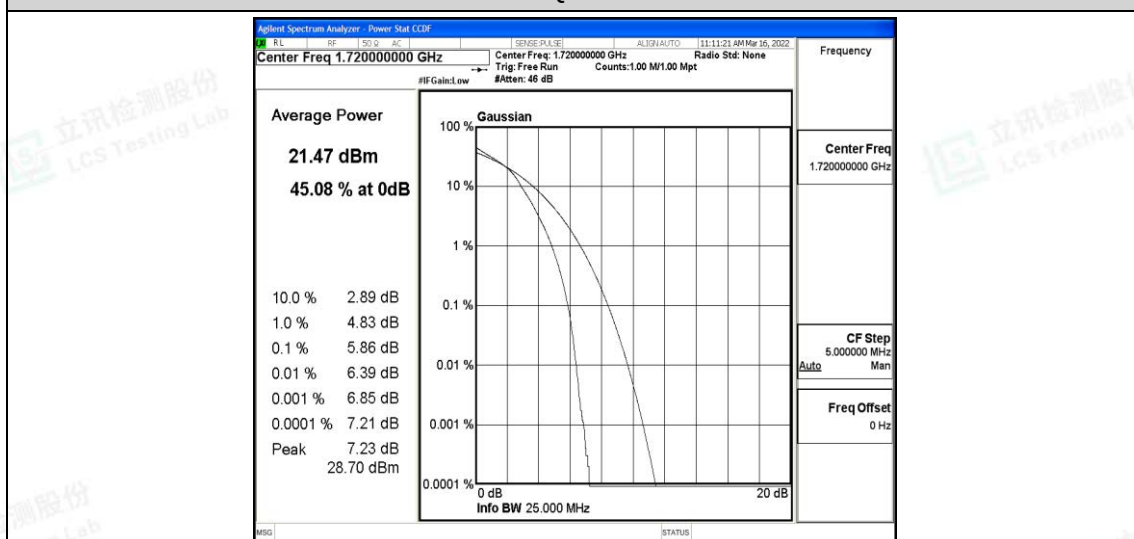




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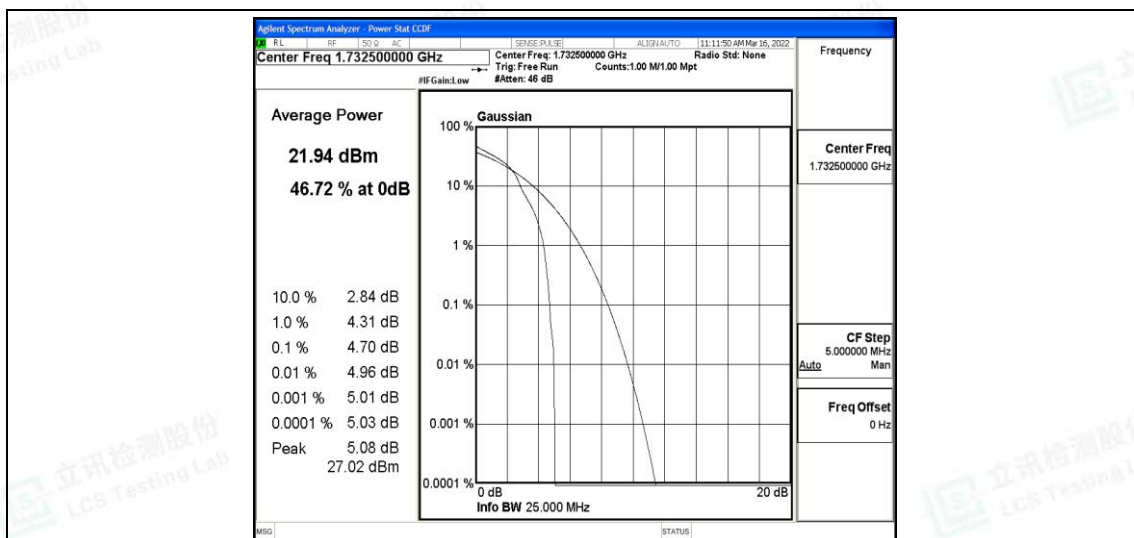


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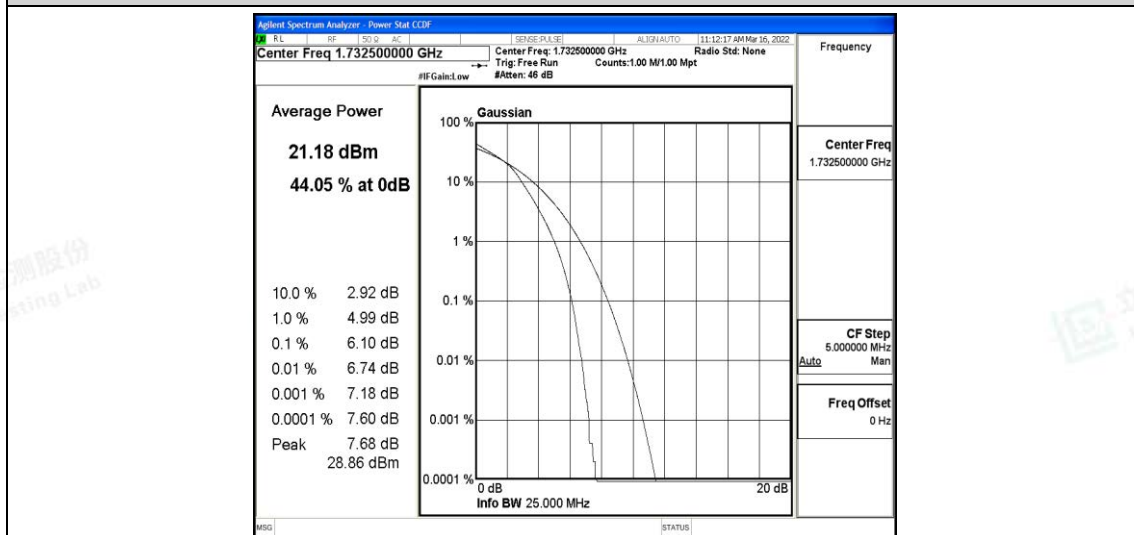


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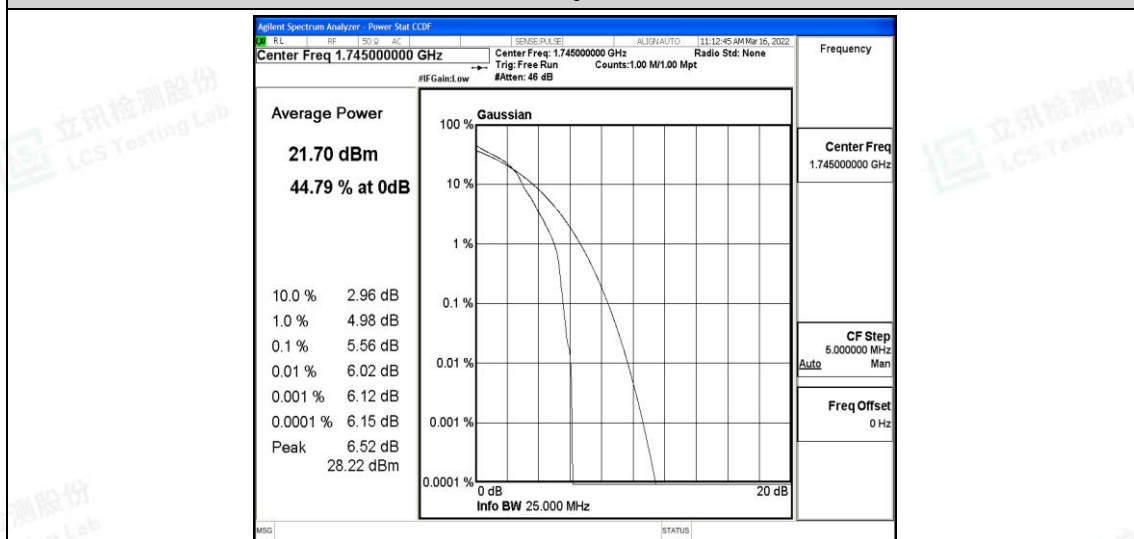




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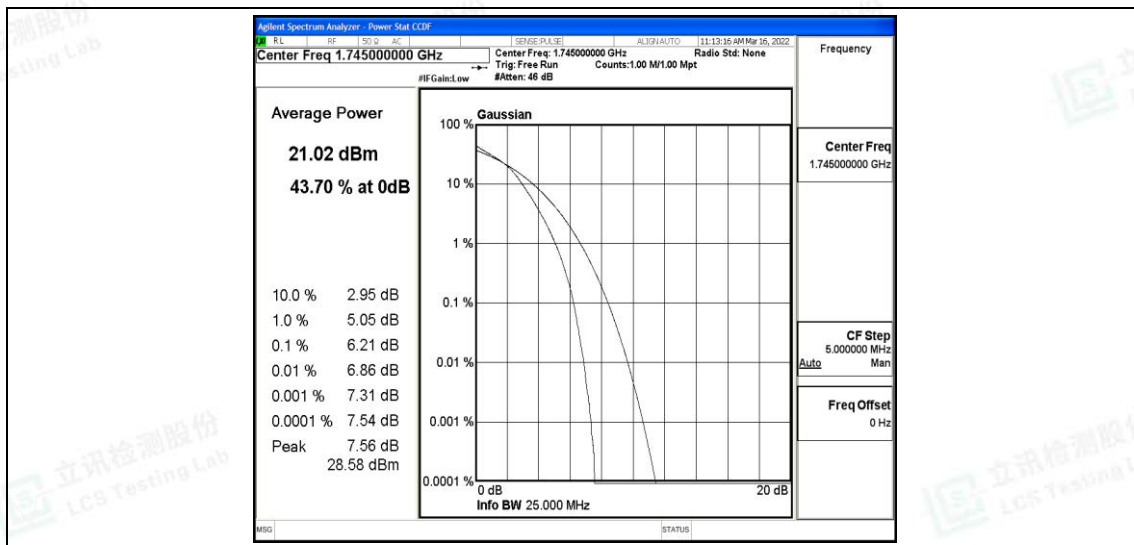


Band4-20MHz-16QAM-20300-1RB#0



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







C.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	1.0910	1.283	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0930	1.282	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0937	1.287	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0992	1.290	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0909	1.286	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0927	1.274	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6901	2.916	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6836	2.892	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6880	2.889	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6803	2.889	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6867	2.887	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6807	2.894	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5202	5.142	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5174	5.203	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5097	5.162	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5162	5.144	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5221	5.091	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5259	5.225	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0157	10.17	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0005	10.11	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0276	10.11	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9843	10.01	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0033	10.05	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0072	10.08	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.519	15.12	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.526	14.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.523	19.51	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.512	15.05	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.512	15.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.574	16.84	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.015	19.88	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.990	19.74	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.072	20.08	PASS





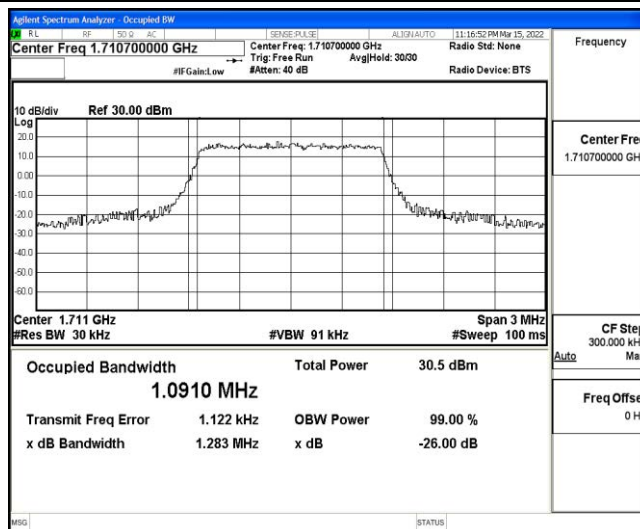
Band4	20MHz	16QAM	20050	100RB#0	18.035	19.77	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.038	19.62	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.013	19.67	PASS



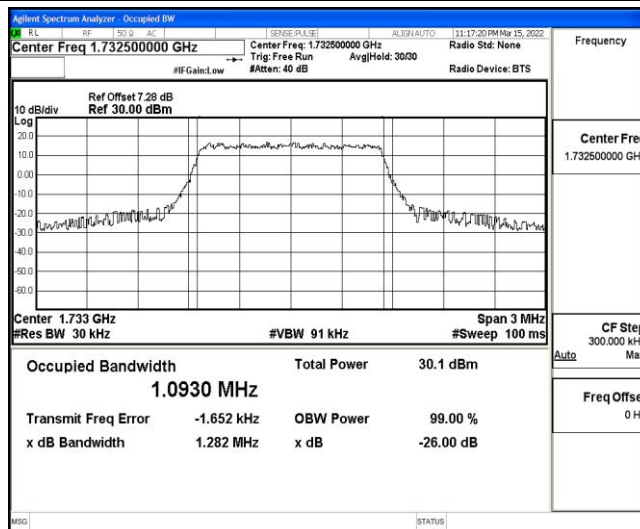


Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0

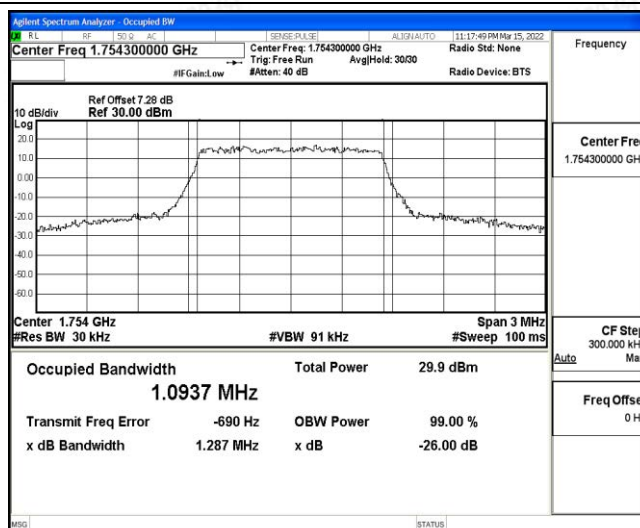


Band4-1.4MHz-QPSK-20175-6RB#0

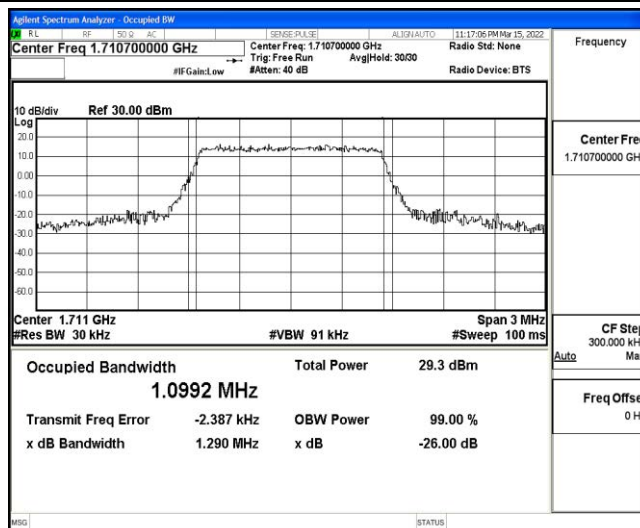


Band4-1.4MHz-QPSK-20393-6RB#0

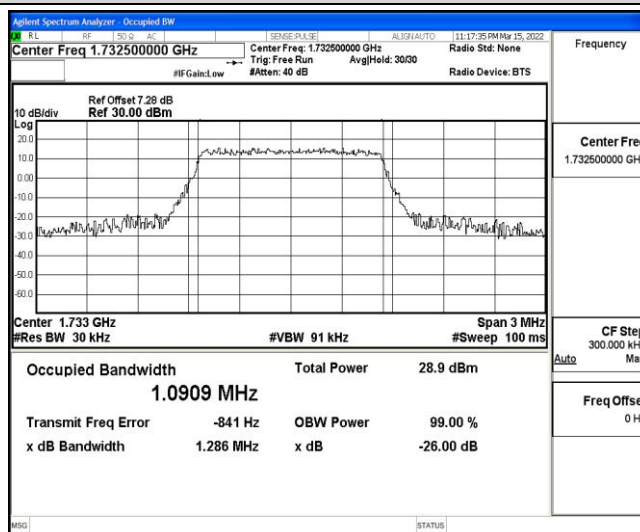




Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20175-6RB#0



Band4-1.4MHz-16QAM-20393-6RB#0

