



Appendix G: Test Data for E-UTRA Band 4

Product Name: Puya

Test Model: HPPAP39

Environmental Conditions

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





G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.96	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.12	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.95	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.16	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.95	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.12	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.08	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.83	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.08	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.83	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.04	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.87	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.05	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.52	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.10	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.79	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.08	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.92	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.04	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.07	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	19.86	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.13	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.20	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.22	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.17	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.11	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.43	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.50	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.70	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.50	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.70	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.43	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.72	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.42	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.22	PASS



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Band4	1.4MHz	QPSK	20393	3RB#1	21.38	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.29	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.52	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.24	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.49	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.78	PASS
Band4	3MHz	QPSK	19965	1RB#0	20.96	PASS
Band4	3MHz	16QAM	19965	1RB#0	19.95	PASS
Band4	3MHz	QPSK	19965	1RB#8	20.96	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.02	PASS
Band4	3MHz	16QAM	19965	1RB#14	19.99	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	19.35	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.02	PASS
Band4	3MHz	16QAM	19965	8RB#4	19.29	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.12	PASS
Band4	3MHz	16QAM	19965	8RB#7	19.37	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	19.23	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.09	PASS
Band4	3MHz	16QAM	20175	1RB#0	19.73	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.12	PASS
Band4	3MHz	16QAM	20175	1RB#8	19.82	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.05	PASS
Band4	3MHz	16QAM	20175	1RB#14	19.95	PASS
Band4	3MHz	QPSK	20175	8RB#0	19.99	PASS
Band4	3MHz	16QAM	20175	8RB#0	19.37	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	19.42	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.04	PASS
Band4	3MHz	16QAM	20175	8RB#7	19.42	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.18	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.17	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.49	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.51	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.47	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.51	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.52	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.56	PASS



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Band4	3MHz	QPSK	20385	8RB#0	20.44	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.74	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.45	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.76	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.53	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.75	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.42	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.79	PASS
Band4	5MHz	QPSK	19975	1RB#0	20.94	PASS
Band4	5MHz	16QAM	19975	1RB#0	19.45	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.04	PASS
Band4	5MHz	16QAM	19975	1RB#12	19.51	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.15	PASS
Band4	5MHz	16QAM	19975	1RB#24	19.49	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.06	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.25	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.06	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.28	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.11	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.26	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.12	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.59	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.04	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.33	PASS
Band4	5MHz	QPSK	20175	1RB#12	20.97	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.44	PASS
Band4	5MHz	QPSK	20175	1RB#24	20.99	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.47	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.12	PASS
Band4	5MHz	16QAM	20175	12RB#0	19.40	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.04	PASS
Band4	5MHz	16QAM	20175	12RB#6	19.38	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.15	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.23	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.18	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.16	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.59	PASS
Band4	5MHz	16QAM	20375	1RB#0	19.97	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.58	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.06	PASS



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Band4	5MHz	QPSK	20375	1RB#24	21.66	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.03	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.50	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.44	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.56	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.44	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.43	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.50	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.51	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.56	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.14	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.15	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.10	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.16	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.14	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.14	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.16	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.22	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.05	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.32	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.15	PASS
Band4	10MHz	16QAM	20000	25RB#25	19.51	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.18	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.25	PASS
Band4	10MHz	QPSK	20175	1RB#0	20.96	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.01	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.06	PASS
Band4	10MHz	QPSK	20175	1RB#49	20.90	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.10	PASS
Band4	10MHz	QPSK	20175	25RB#0	20.08	PASS
Band4	10MHz	16QAM	20175	25RB#0	19.42	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.18	PASS
Band4	10MHz	16QAM	20175	25RB#12	19.37	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.02	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.43	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.07	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.27	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.34	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.74	PASS



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Band4	10MHz	QPSK	20350	1RB#24	21.58	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.95	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.55	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.97	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.40	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.55	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.39	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.55	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.42	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.71	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.45	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.71	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.02	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.11	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.13	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.14	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.11	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.16	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.11	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.12	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.14	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.14	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.14	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.14	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.14	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.29	PASS
Band4	15MHz	QPSK	20175	1RB#0	20.94	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.24	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.21	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.26	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.04	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.04	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.13	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.12	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.14	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.05	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.15	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.30	PASS



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Band4	15MHz	QPSK	20325	1RB#0	21.20	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.13	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.36	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.27	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.57	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.44	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.37	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.36	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.36	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.35	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.35	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.36	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.35	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.54	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.17	PASS
Band4	20MHz	16QAM	20050	1RB#0	19.97	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.28	PASS
Band4	20MHz	16QAM	20050	1RB#49	19.96	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.25	PASS
Band4	20MHz	16QAM	20050	1RB#99	19.94	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.12	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.36	PASS
Band4	20MHz	QPSK	20050	50RB#25	19.97	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.45	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.17	PASS
Band4	20MHz	16QAM	20050	50RB#50	19.32	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.16	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.19	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.29	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.67	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.25	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.55	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.29	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.58	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.06	PASS
Band4	20MHz	16QAM	20175	50RB#0	19.23	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.11	PASS
Band4	20MHz	16QAM	20175	50RB#25	19.36	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.07	PASS
Band4	20MHz	16QAM	20175	50RB#50	19.36	PASS





Band4	20MHz	QPSK	20175	100RB#0	20.09	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.39	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.15	PASS
Band4	20MHz	16QAM	20300	1RB#0	19.83	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.34	PASS
Band4	20MHz	16QAM	20300	1RB#49	19.94	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.55	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.13	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.15	PASS
Band4	20MHz	16QAM	20300	50RB#0	19.29	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.26	PASS
Band4	20MHz	16QAM	20300	50RB#25	19.29	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.55	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.65	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.30	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.44	PASS





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

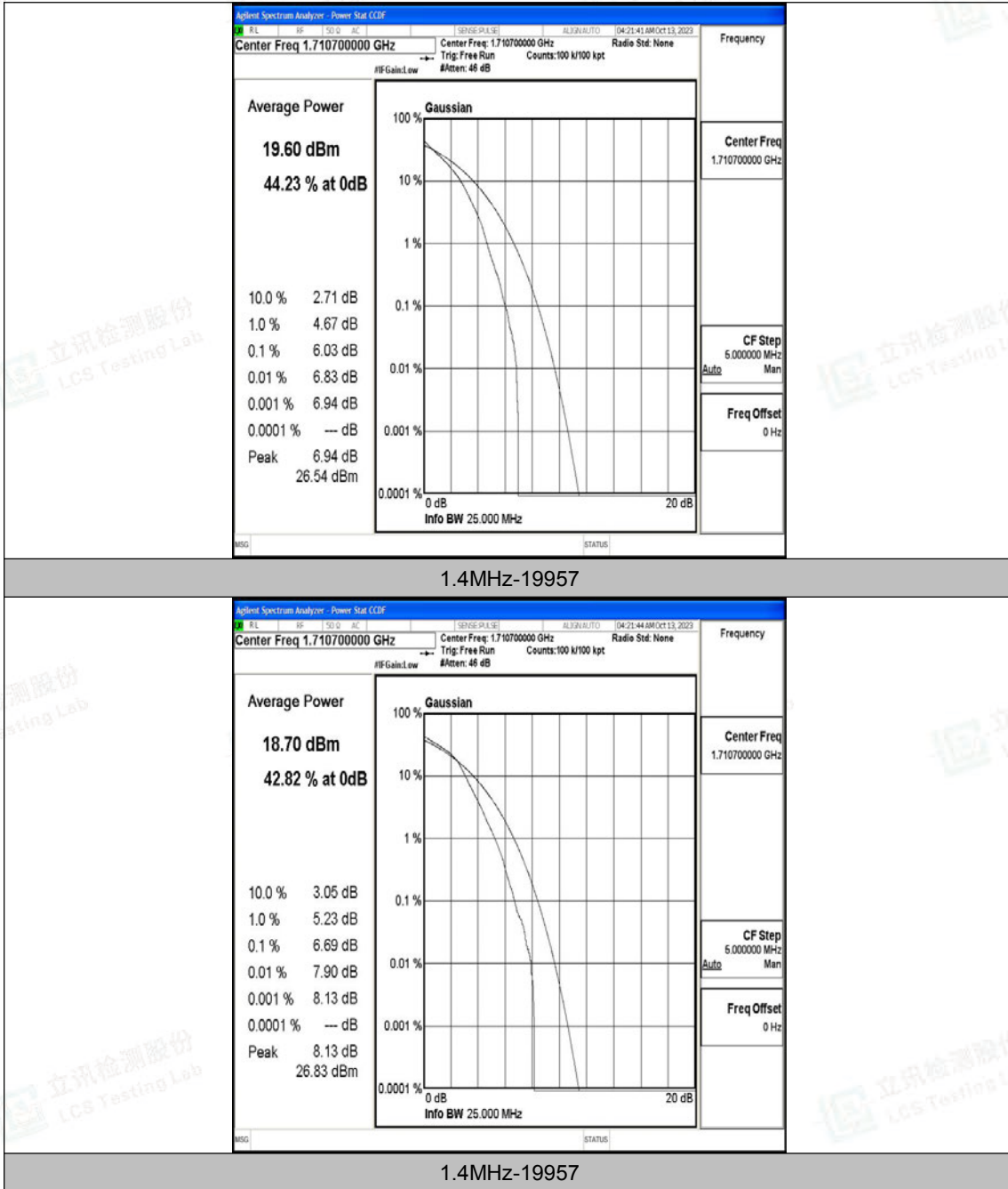
Test Result

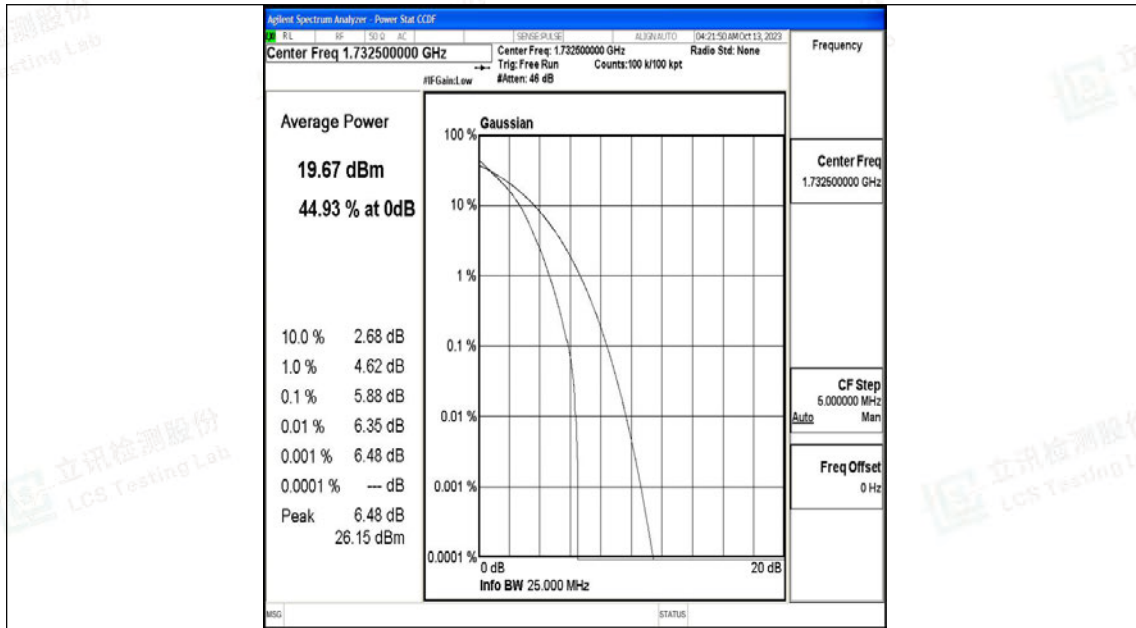
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	6.03	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.69	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.88	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.96	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	6.08	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.52	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	6.05	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.86	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	6.00	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.90	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	6.15	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.85	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.96	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.66	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.90	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.66	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.94	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.51	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.95	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.70	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	6.04	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.74	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.96	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.76	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.18	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.69	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.36	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.85	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	6.30	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.75	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.86	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.63	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	6.11	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.80	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.94	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.75	13	PASS



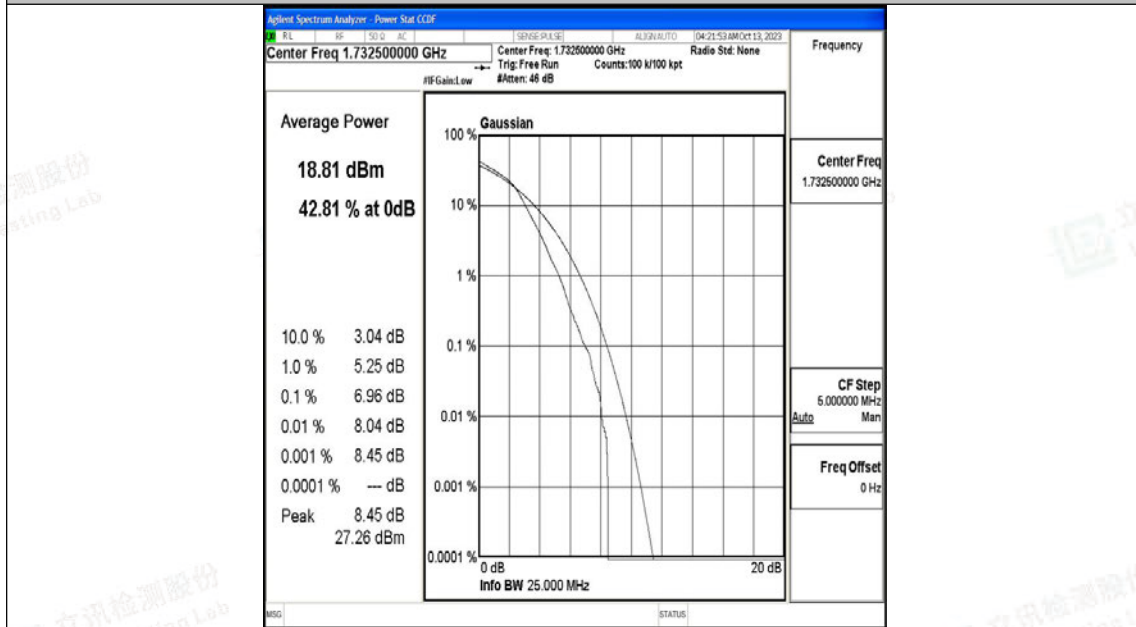


Test Graphs



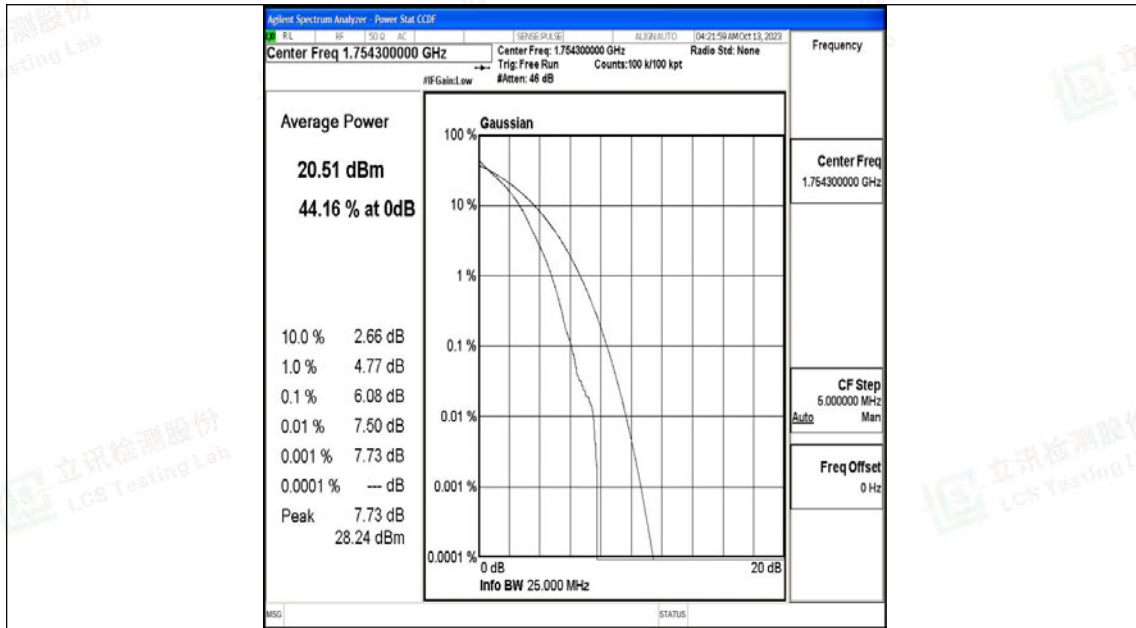


1.4MHz-20175

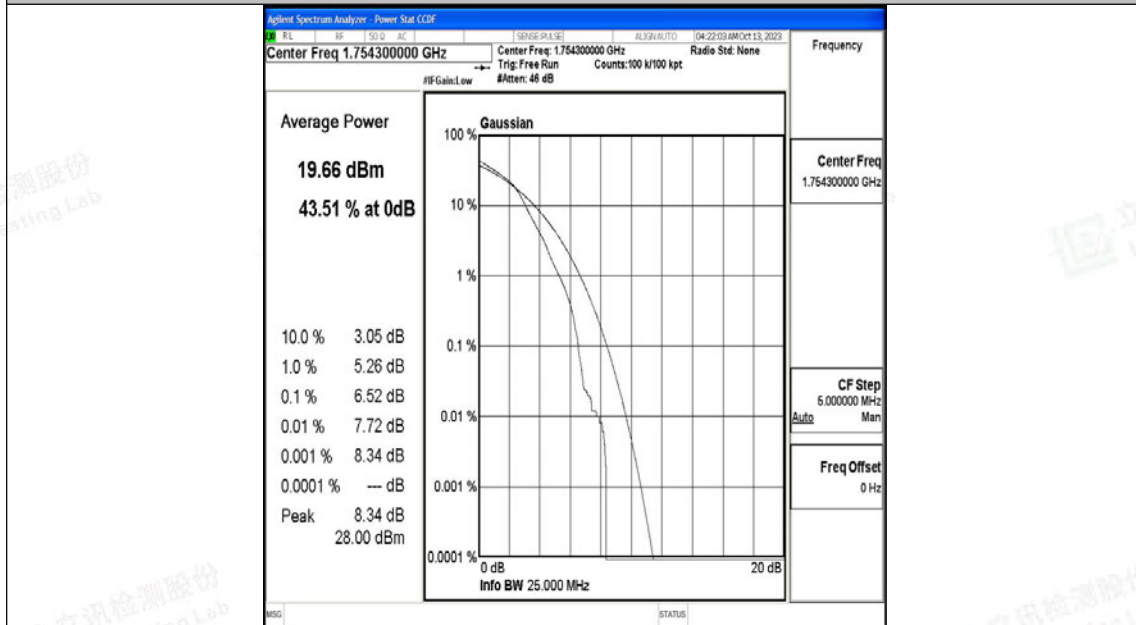


1.4MHz-20175



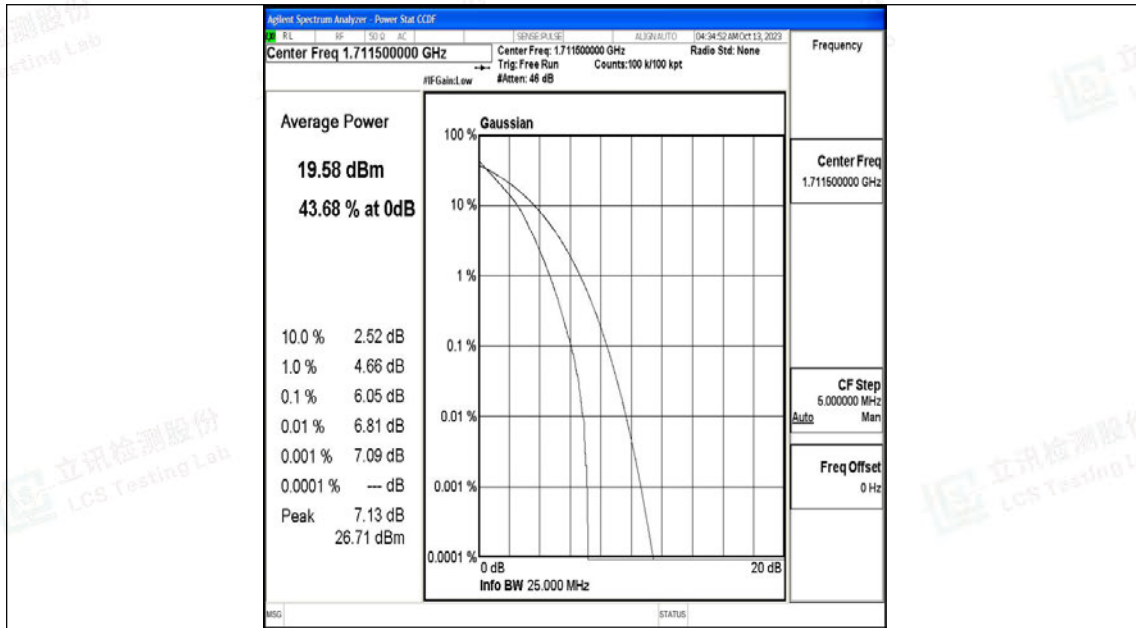


1.4MHz-20393

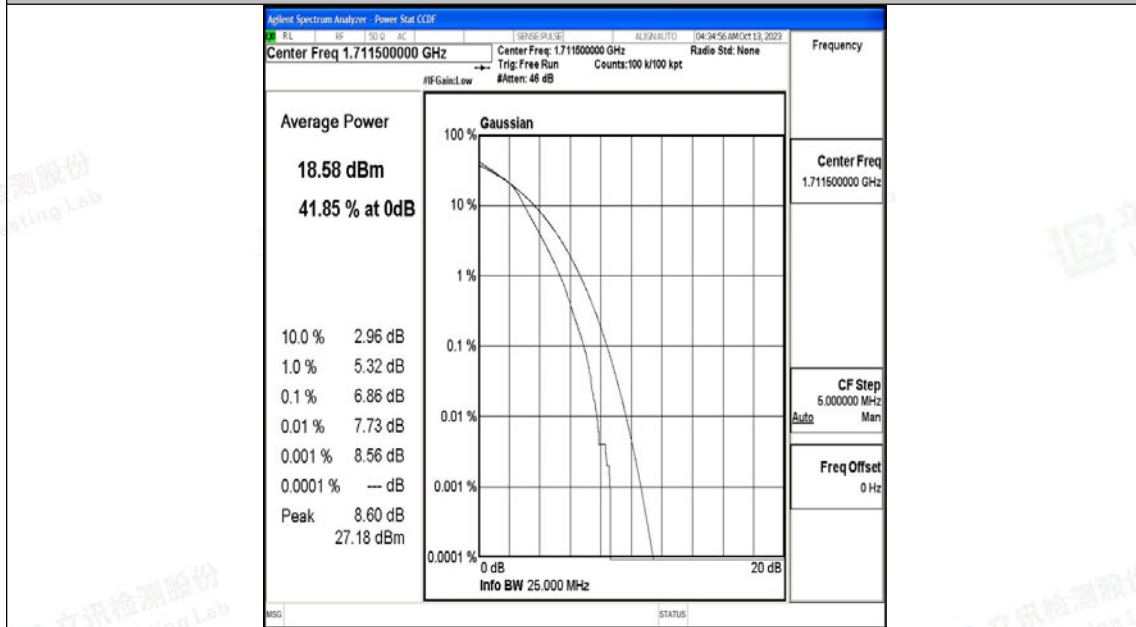


1.4MHz-20393



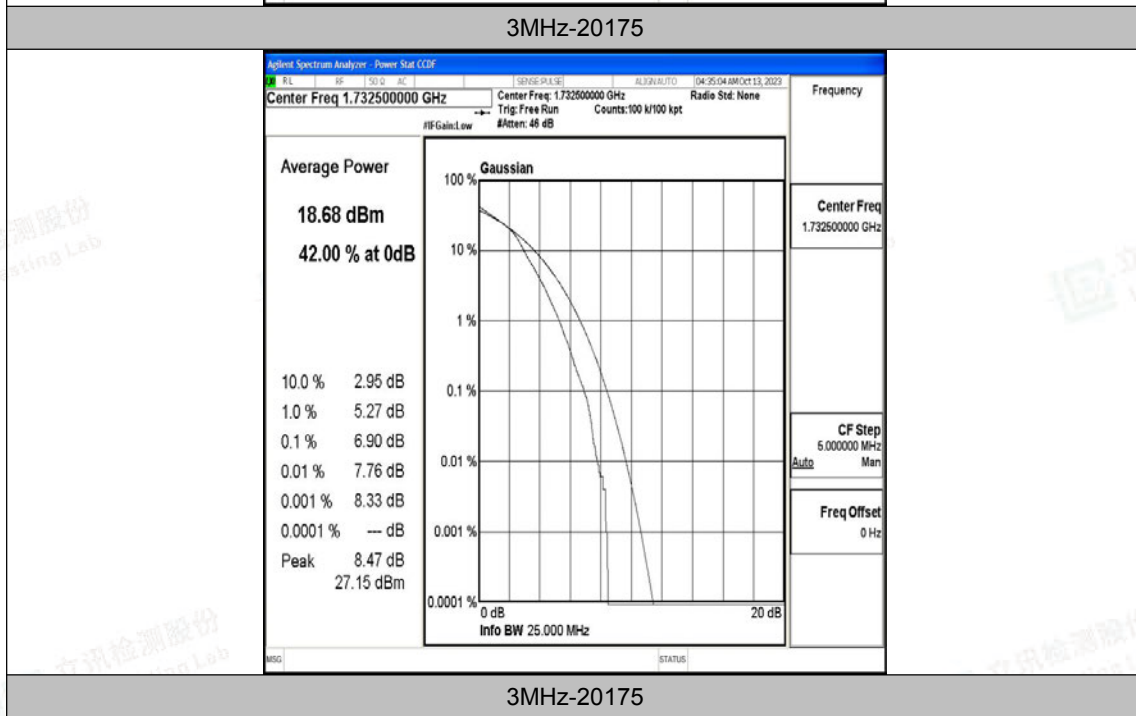
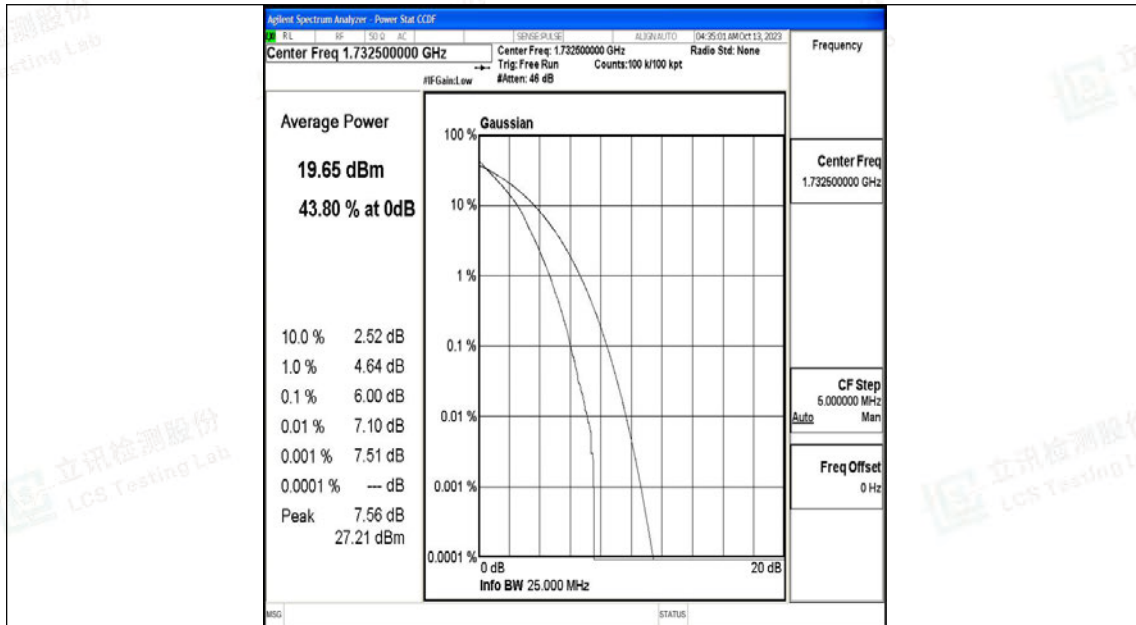


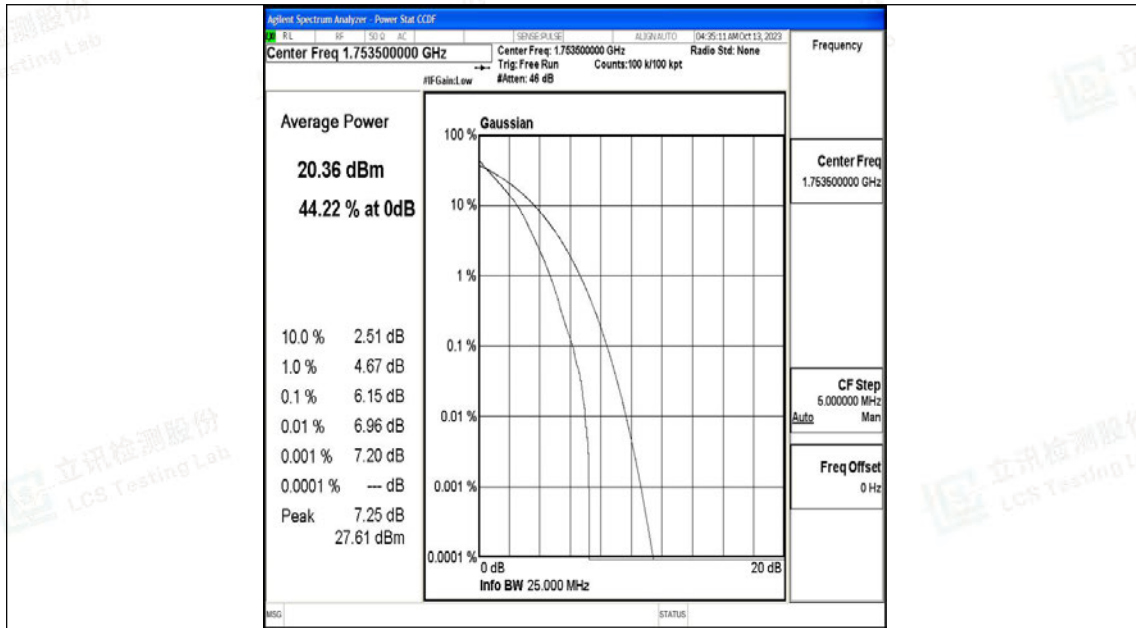
3MHz-19965



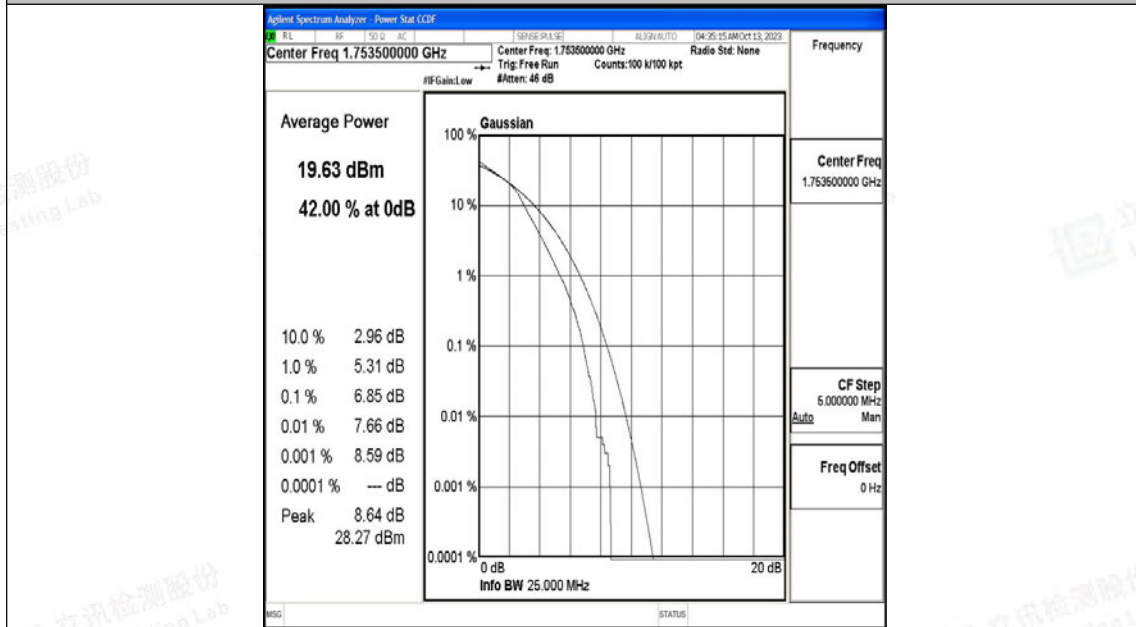
3MHz-19965





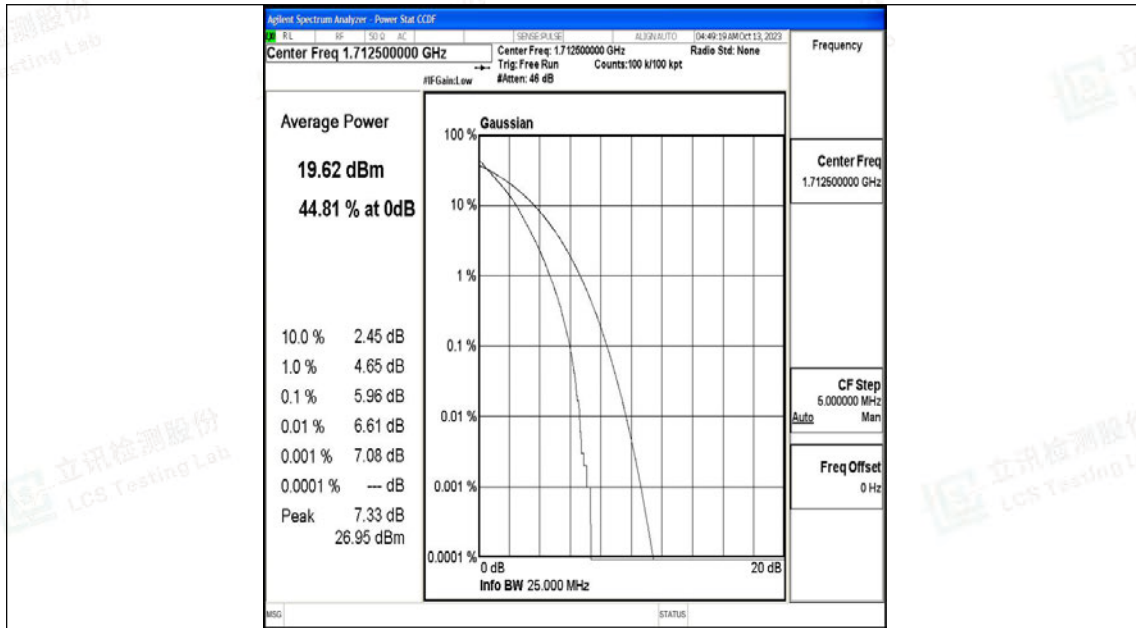


3MHz-20385

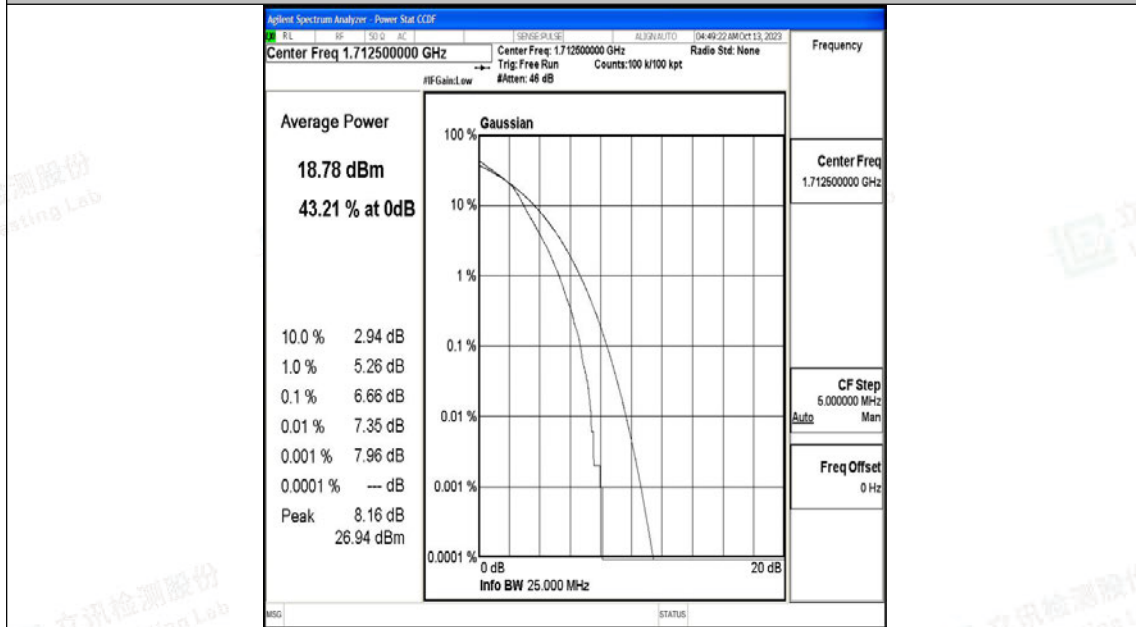


3MHz-20385



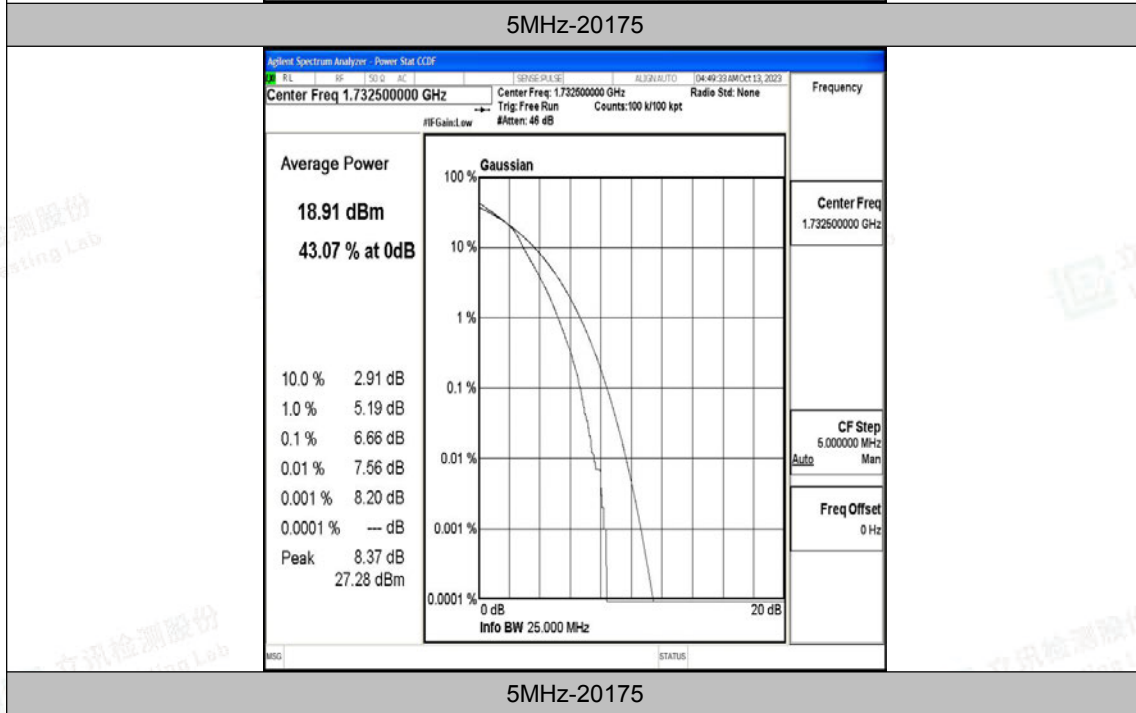
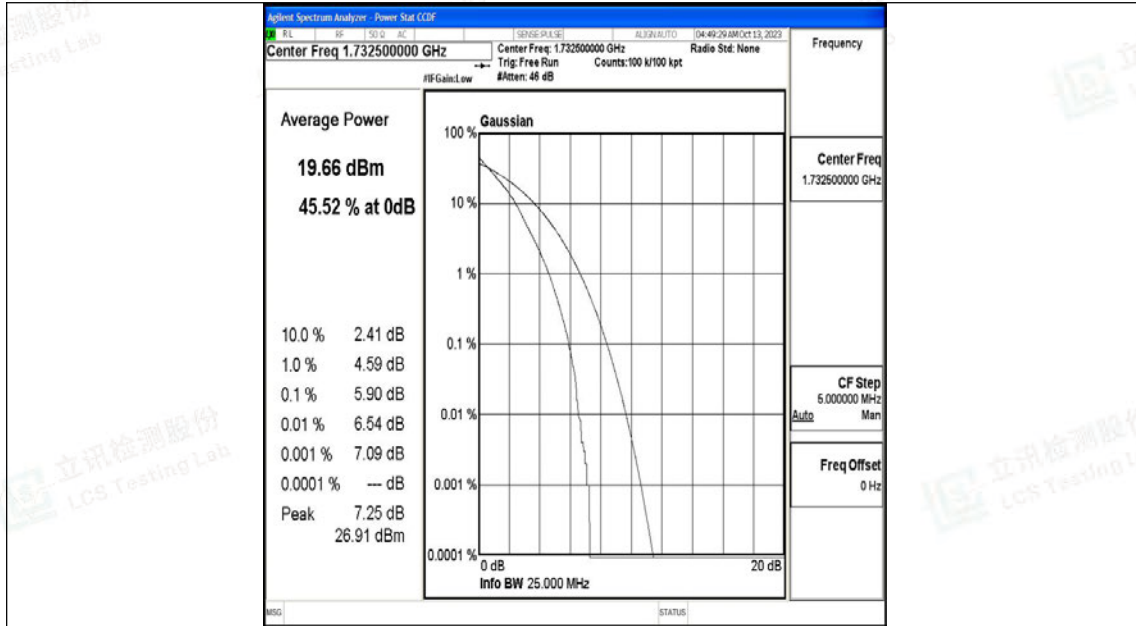


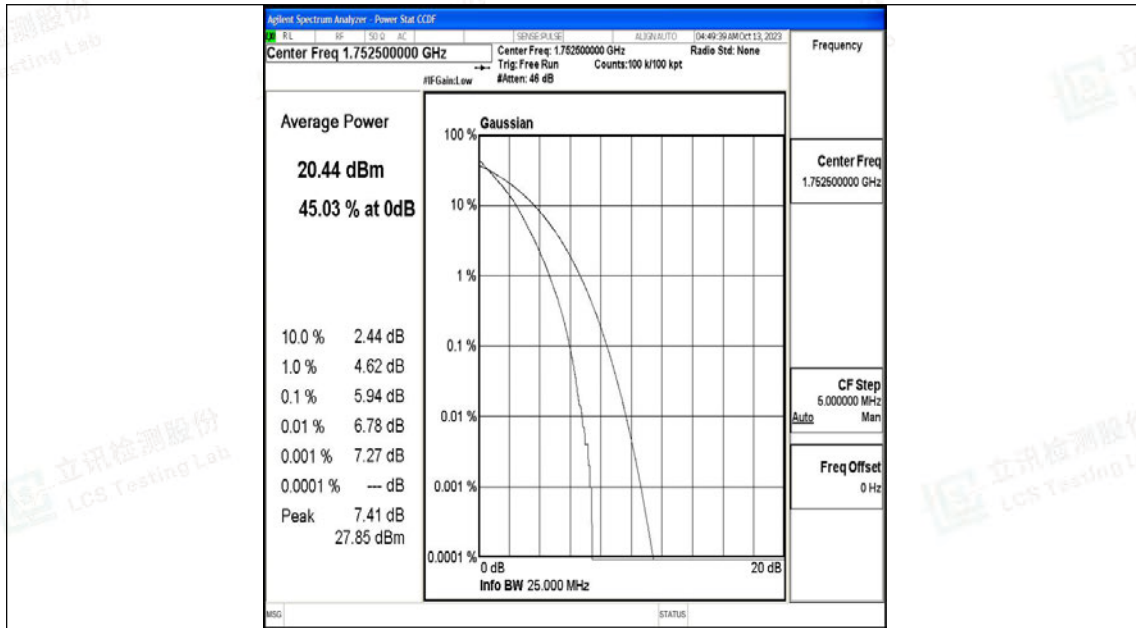
5MHz-19975



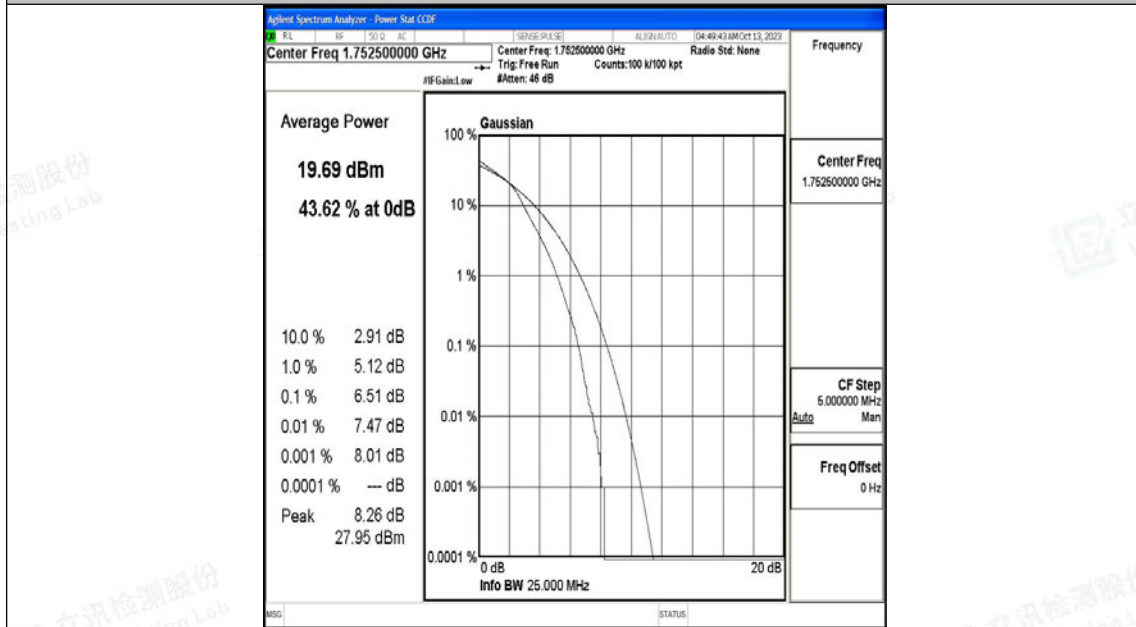
5MHz-19975





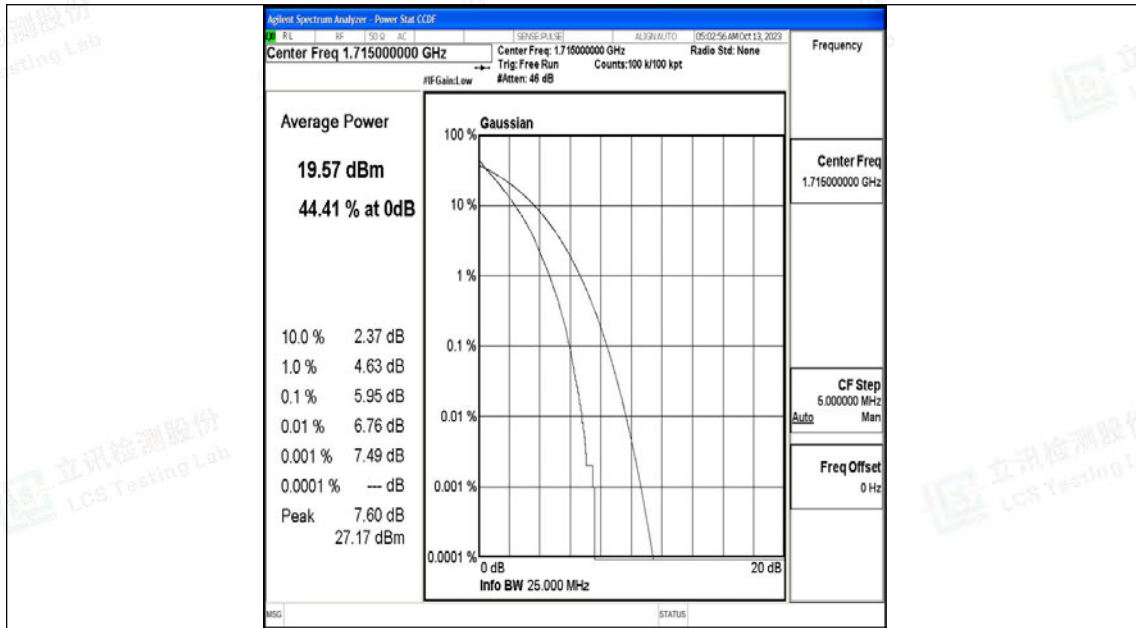


5MHz-20375

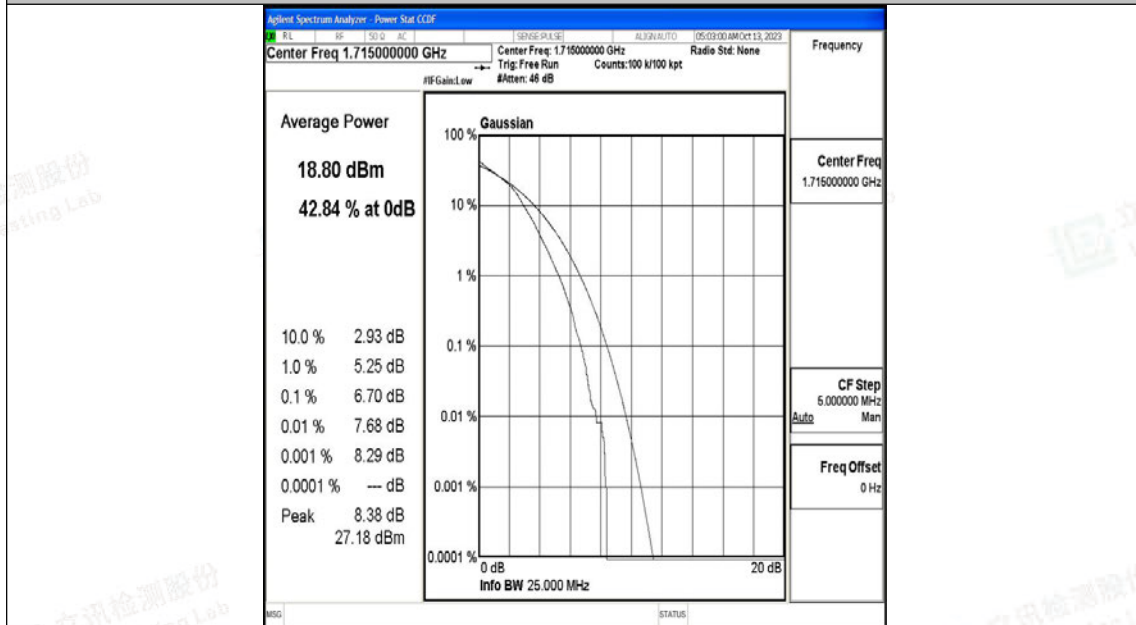


5MHz-20375



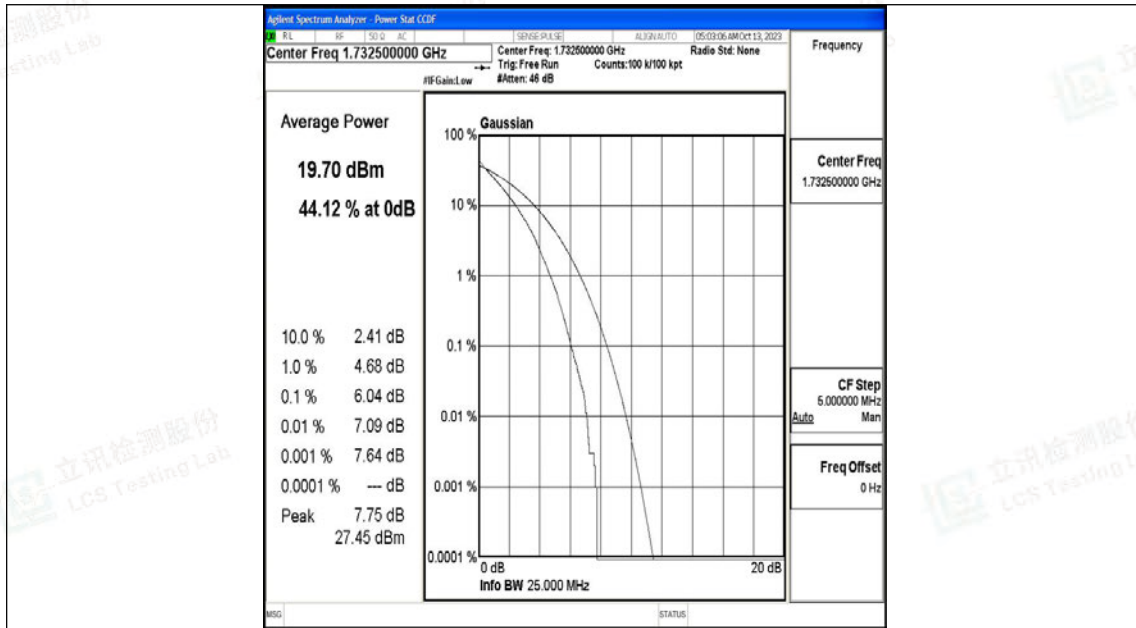


10MHz-20000

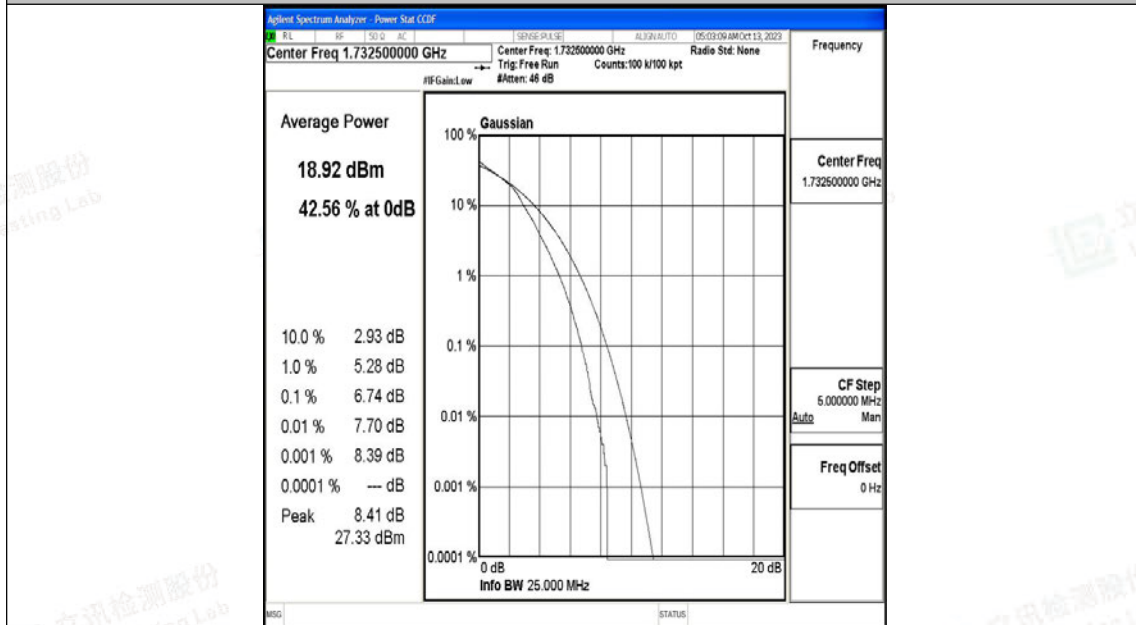


10MHz-20000



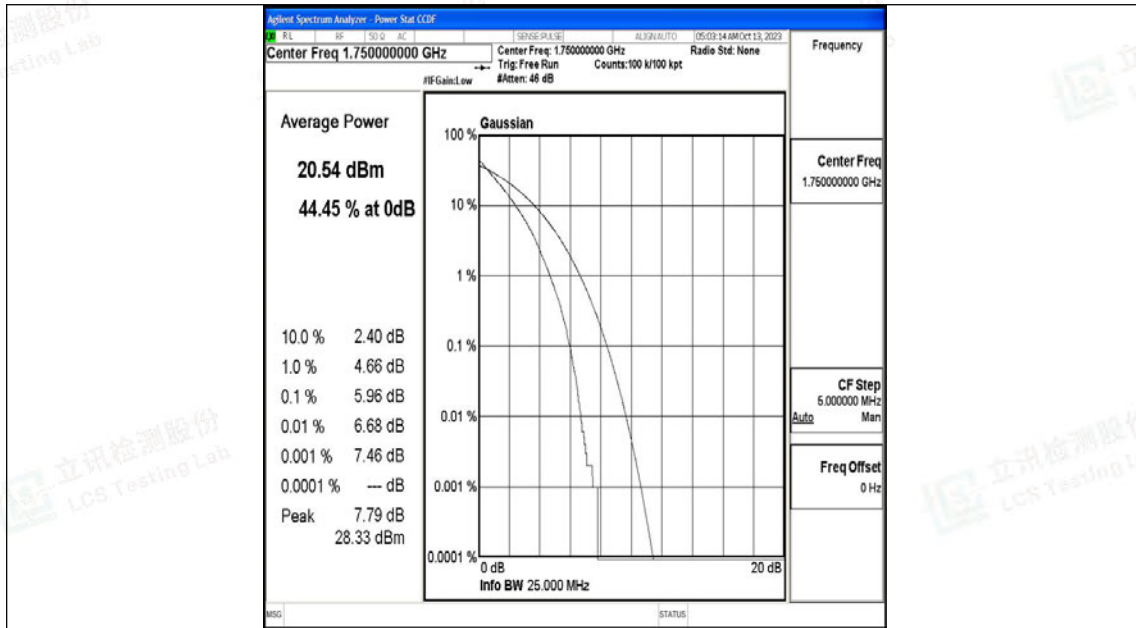


10MHz-20175

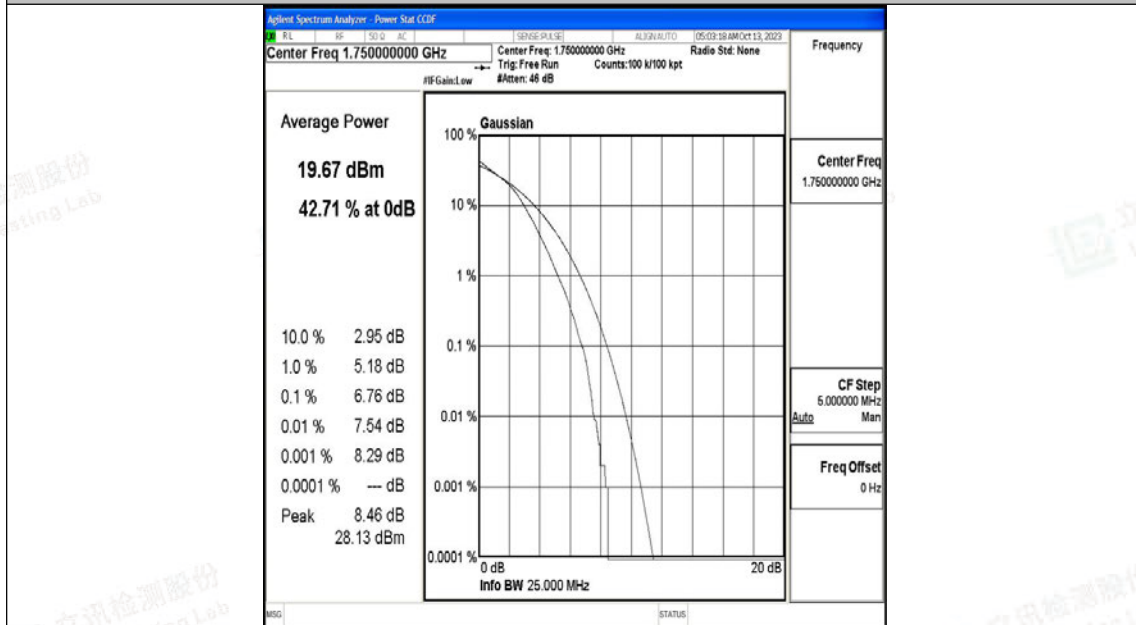


10MHz-20175



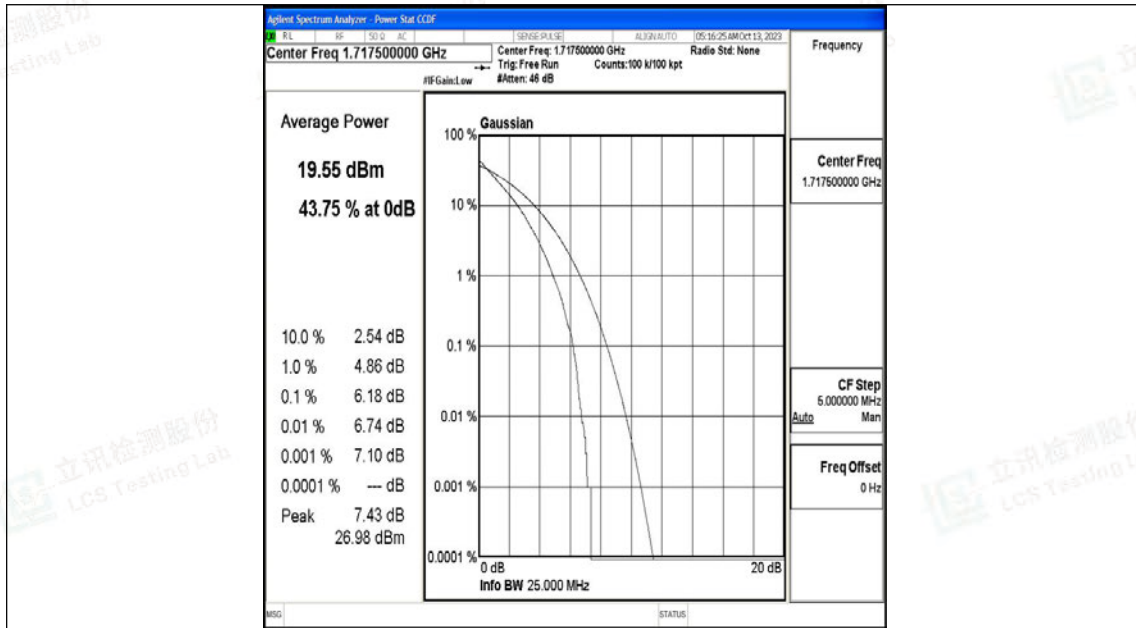


10MHz-20350

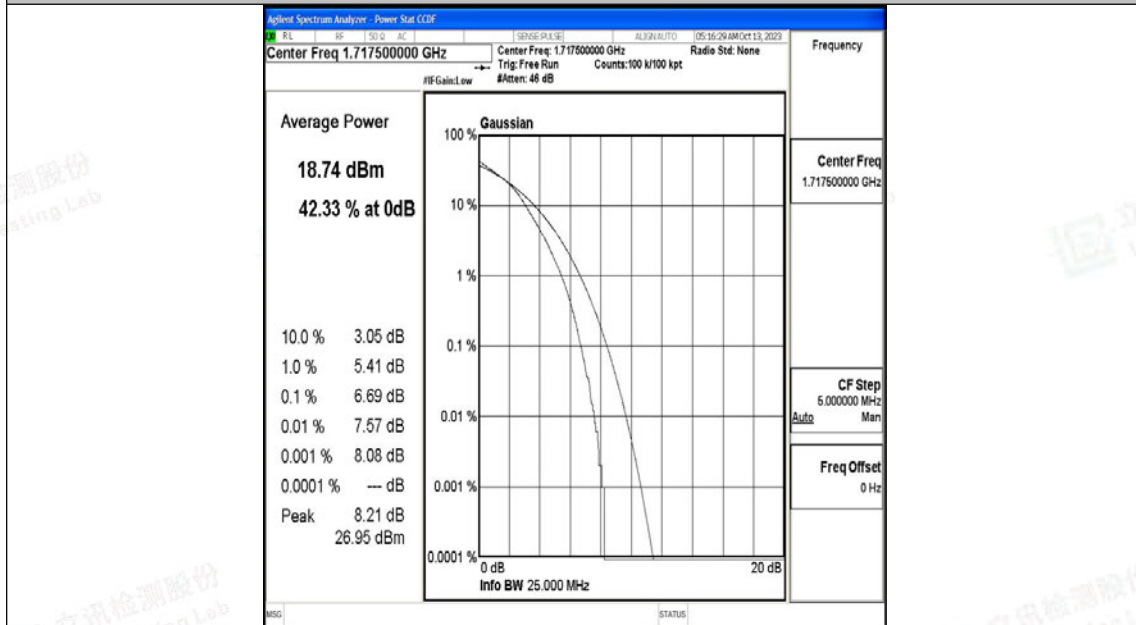


10MHz-20350



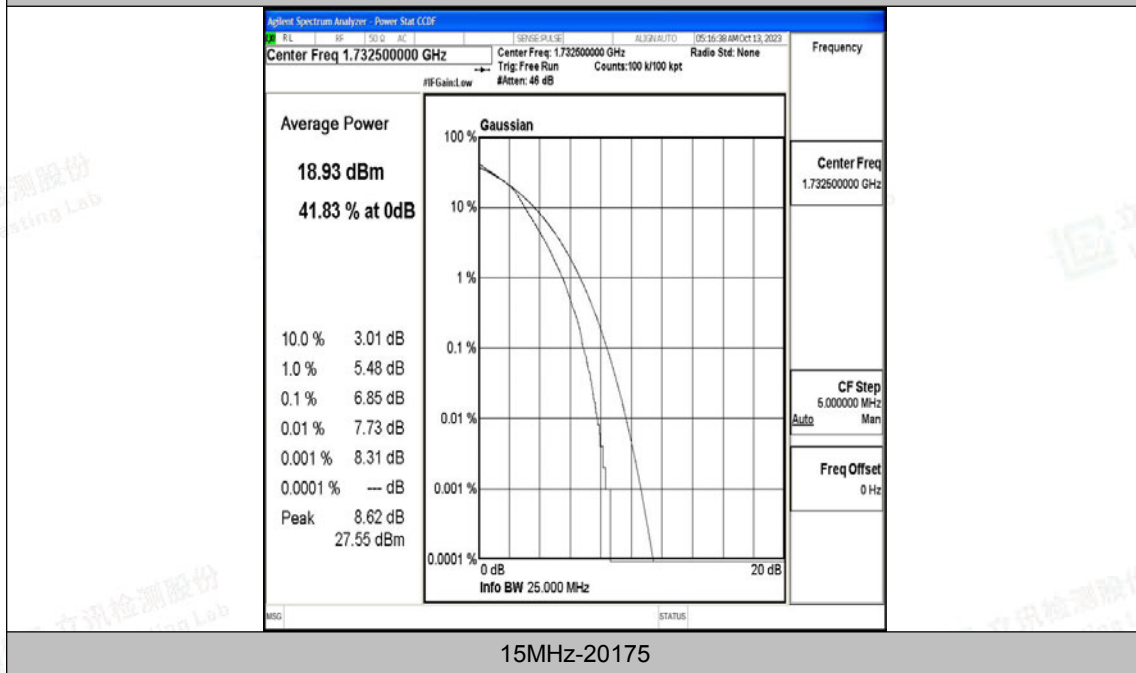
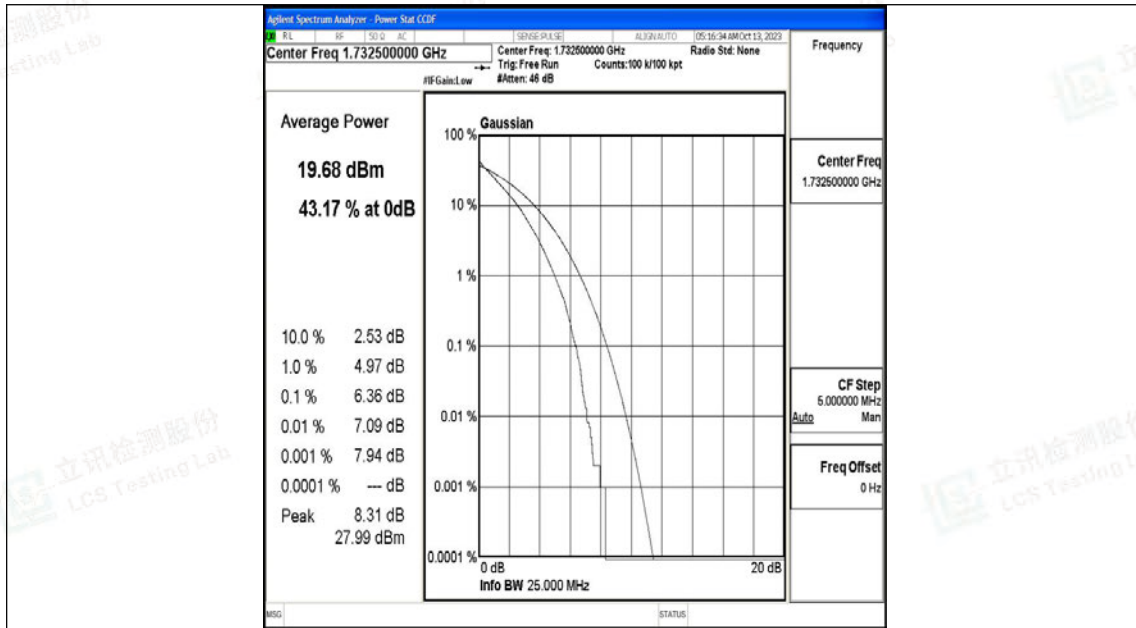


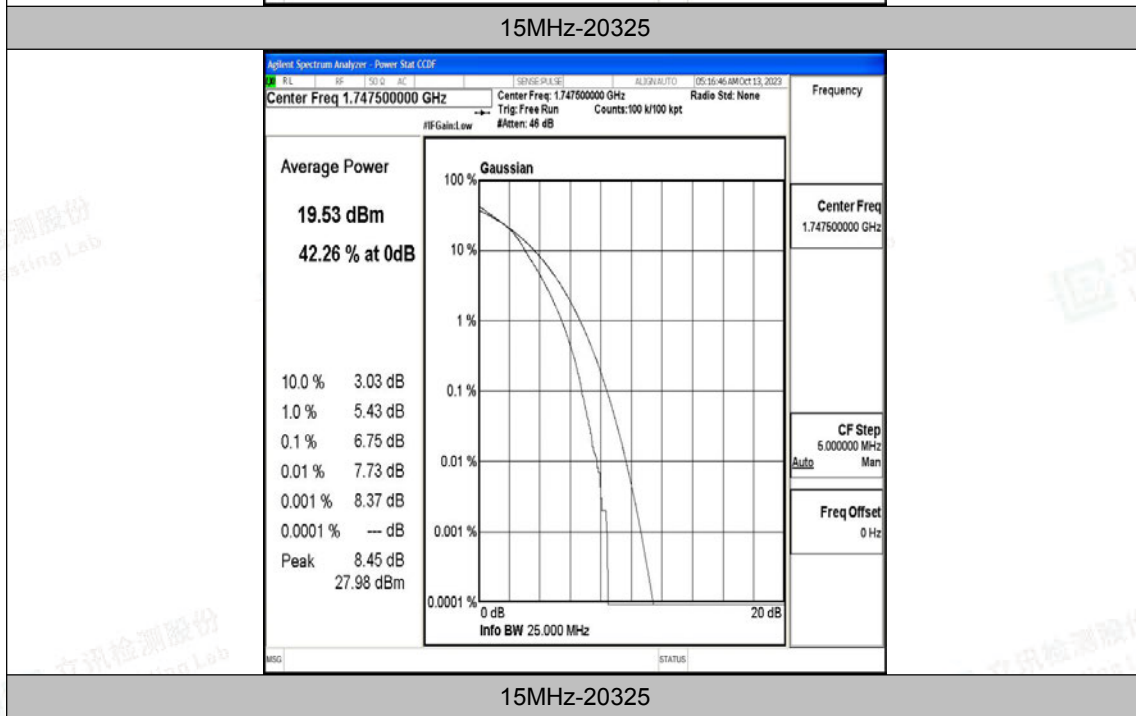
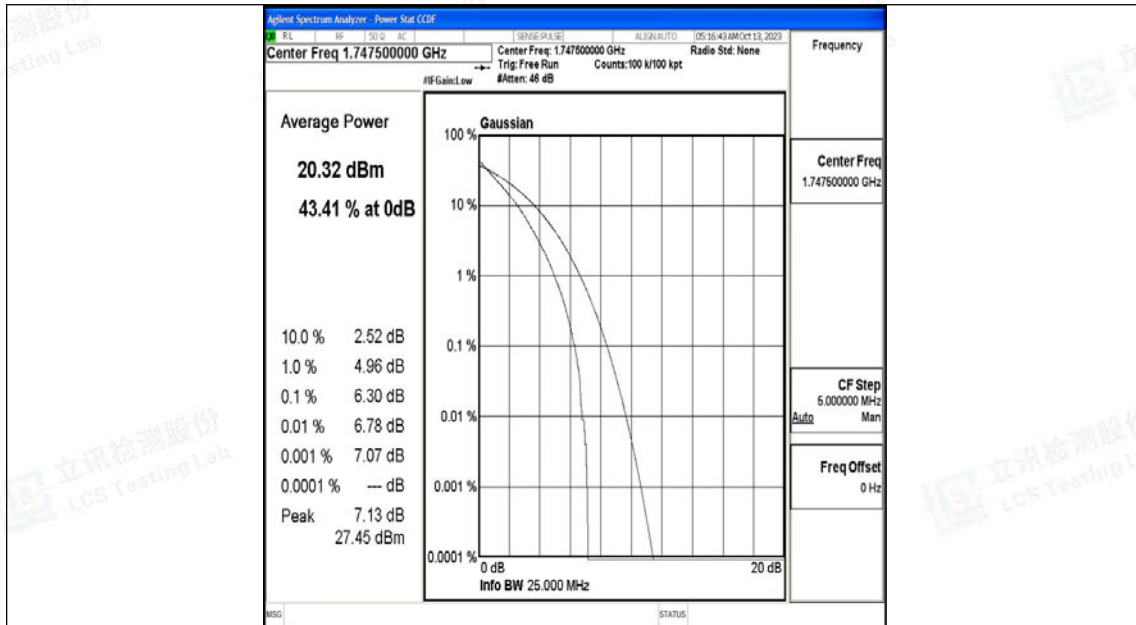
15MHz-20025

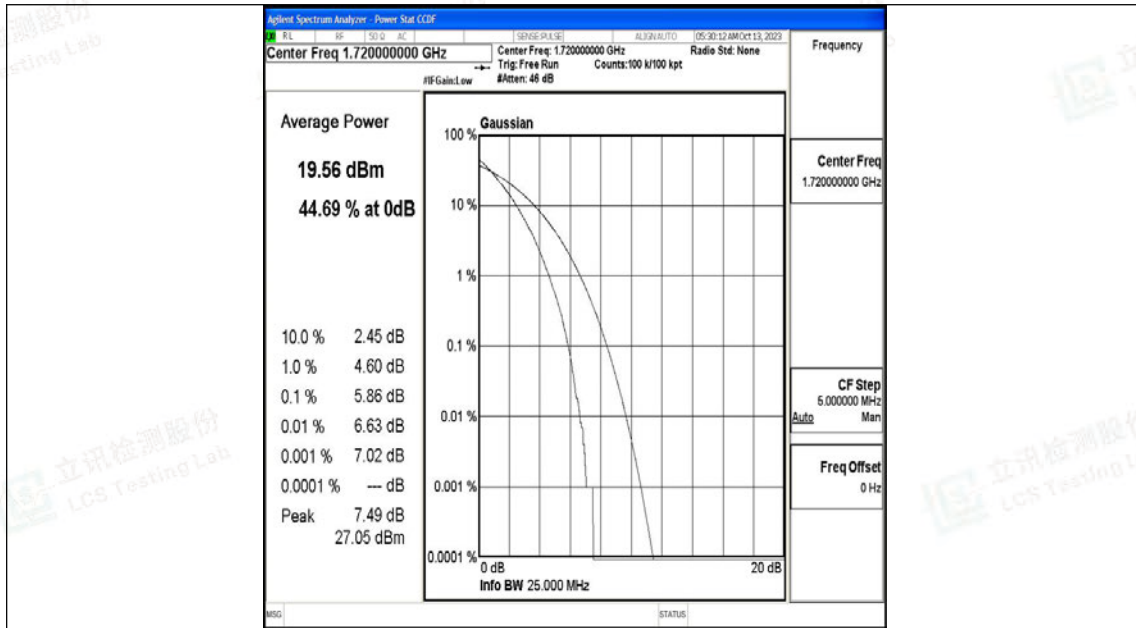


15MHz-20025

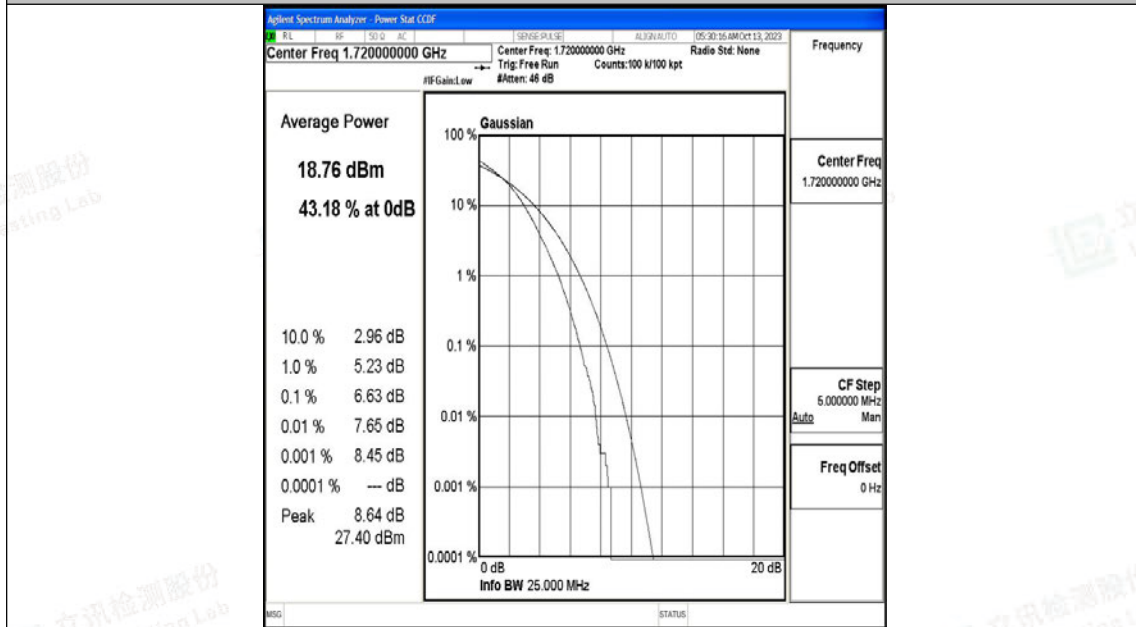






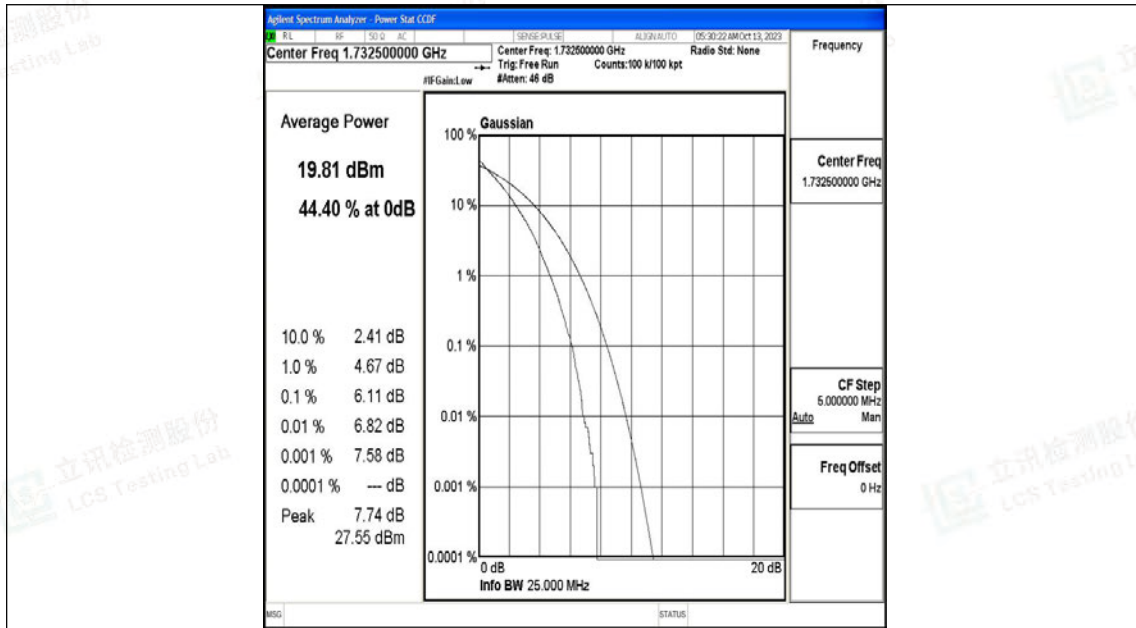


20MHz-20050

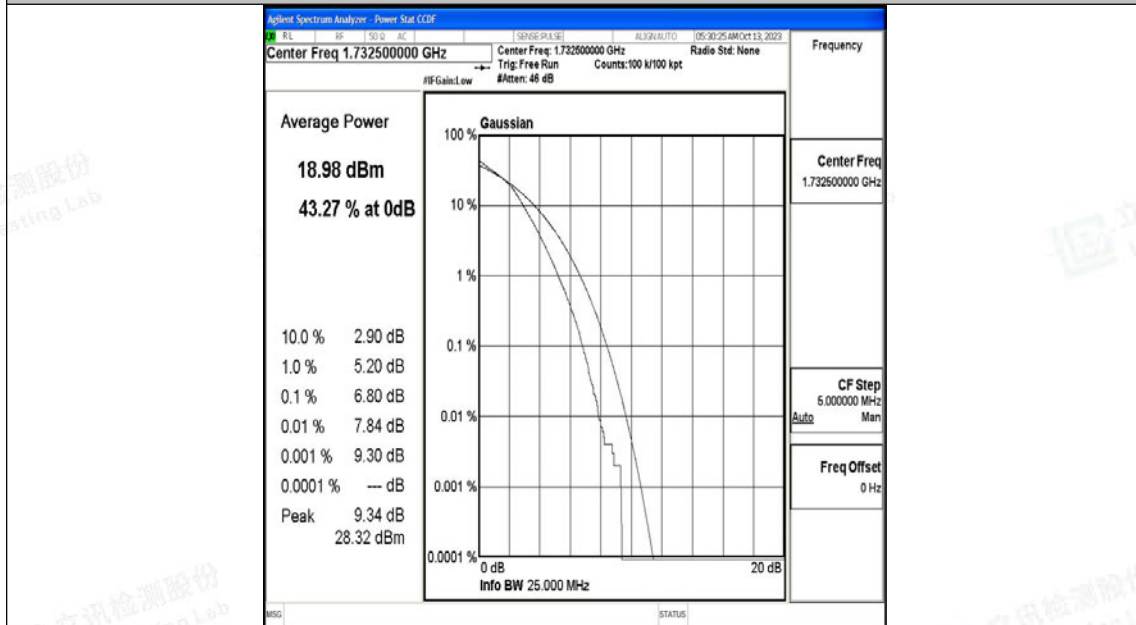


20MHz-20050



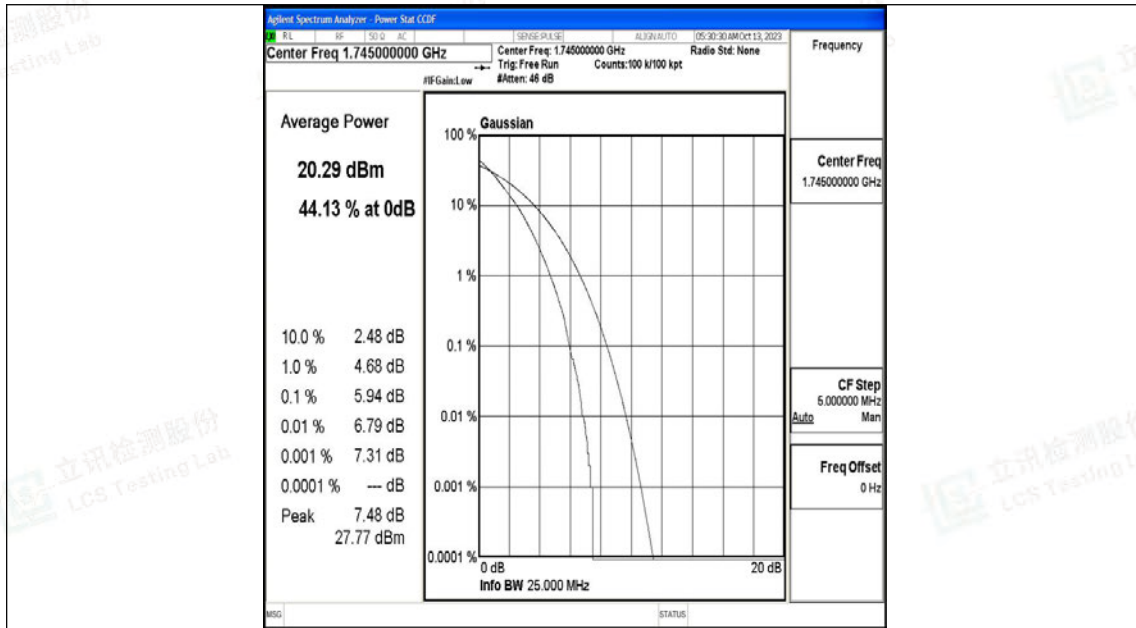


20MHz-20175

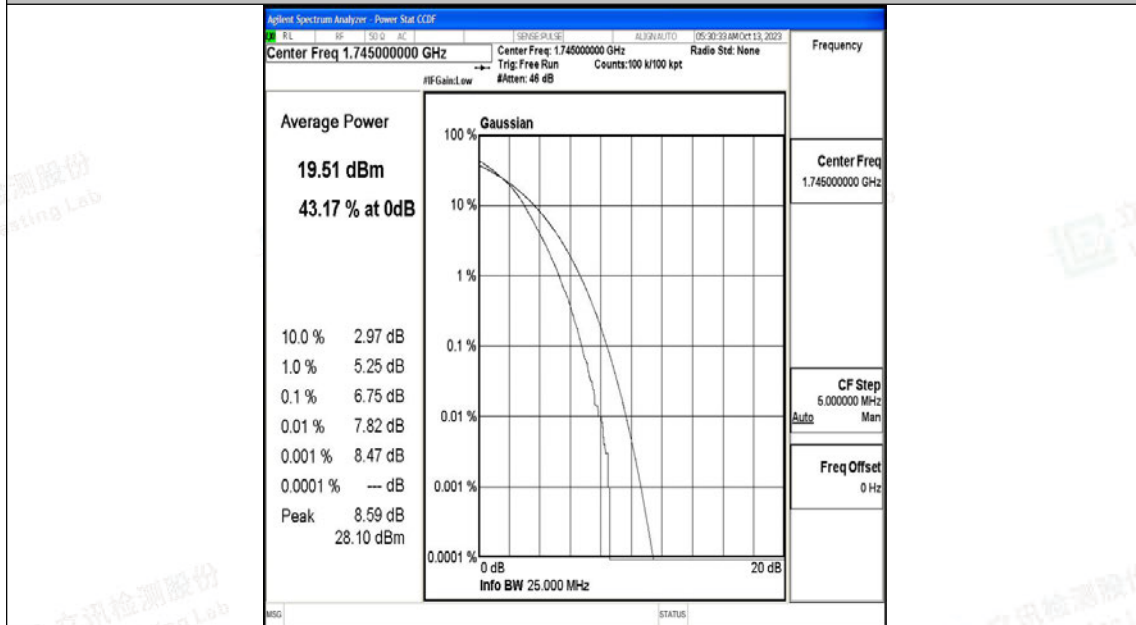


20MHz-20175





20MHz-20300



20MHz-20300





G.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	1.0874	1.234	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1041	1.250	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0975	1.247	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1034	1.248	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0984	1.244	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1017	1.255	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7080	3.034	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7085	3.042	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7018	3.009	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7065	3.039	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7113	3.009	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7055	3.012	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5106	4.968	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4983	4.956	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5268	4.979	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5035	4.966	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5164	4.975	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5075	4.942	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9909	9.928	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9842	9.867	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9944	9.929	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0070	9.951	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0145	9.938	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9992	9.841	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.451	14.96	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.498	14.87	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.510	15.04	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.498	14.82	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.471	14.98	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.502	14.88	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.951	19.52	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.964	19.61	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.004	19.75	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.063	19.78	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



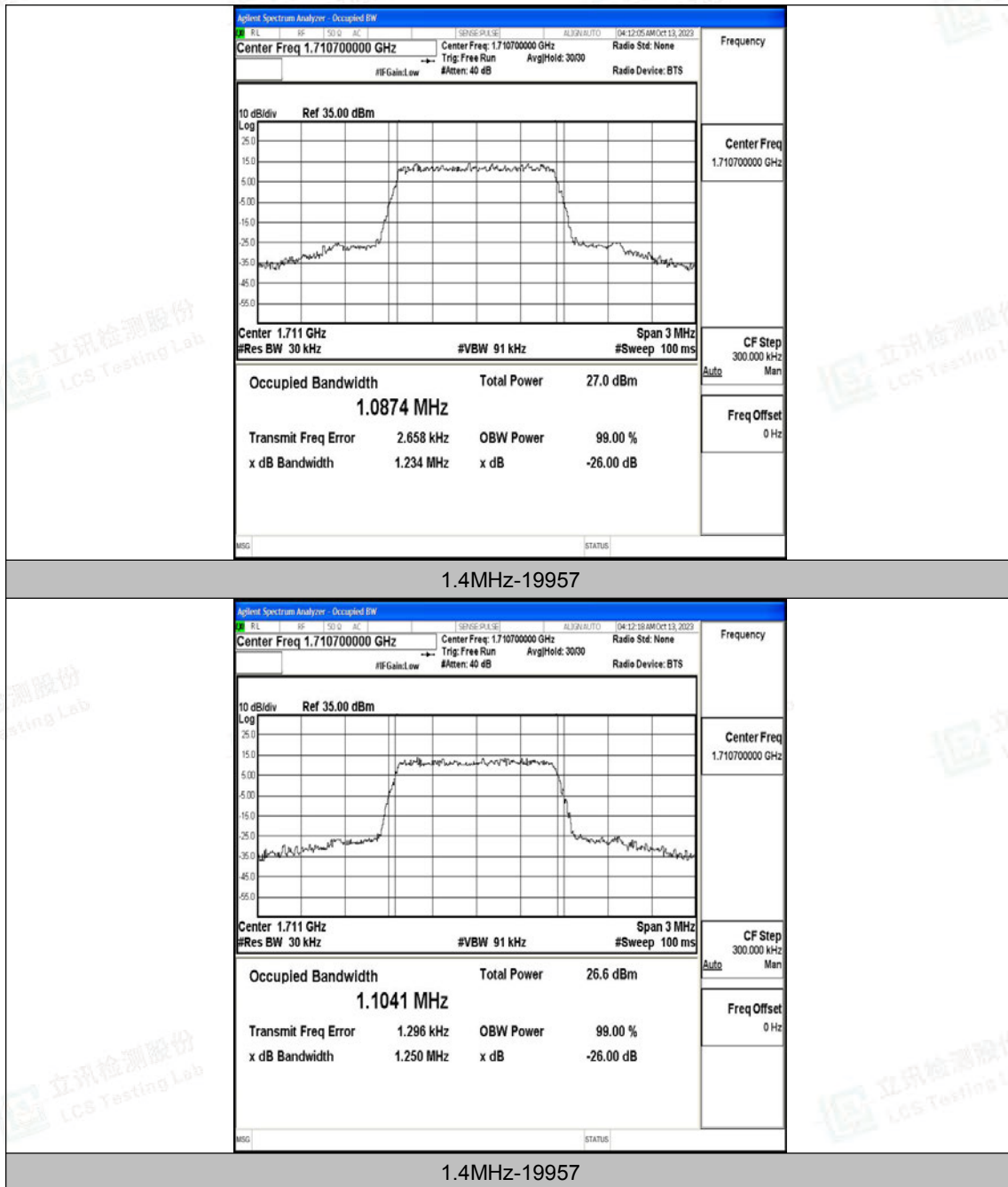
Band4	20MHz	QPSK	20300	100RB#0	18.089	19.79	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.063	21.16	PASS

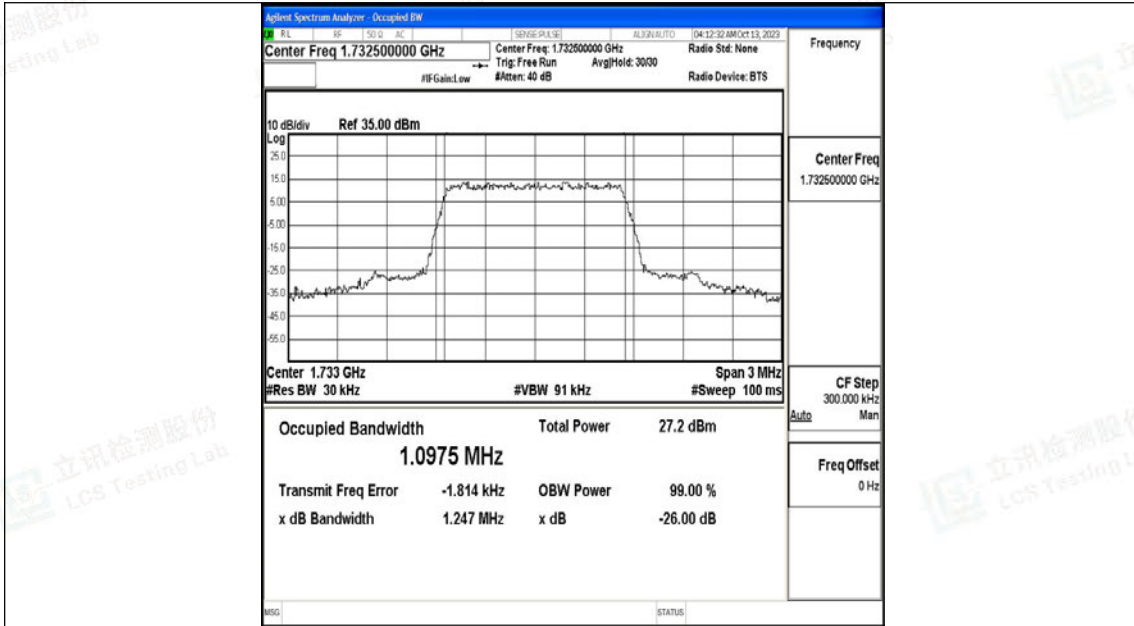


Shenzhen LCS Compliance Testing Laboratory Ltd.
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

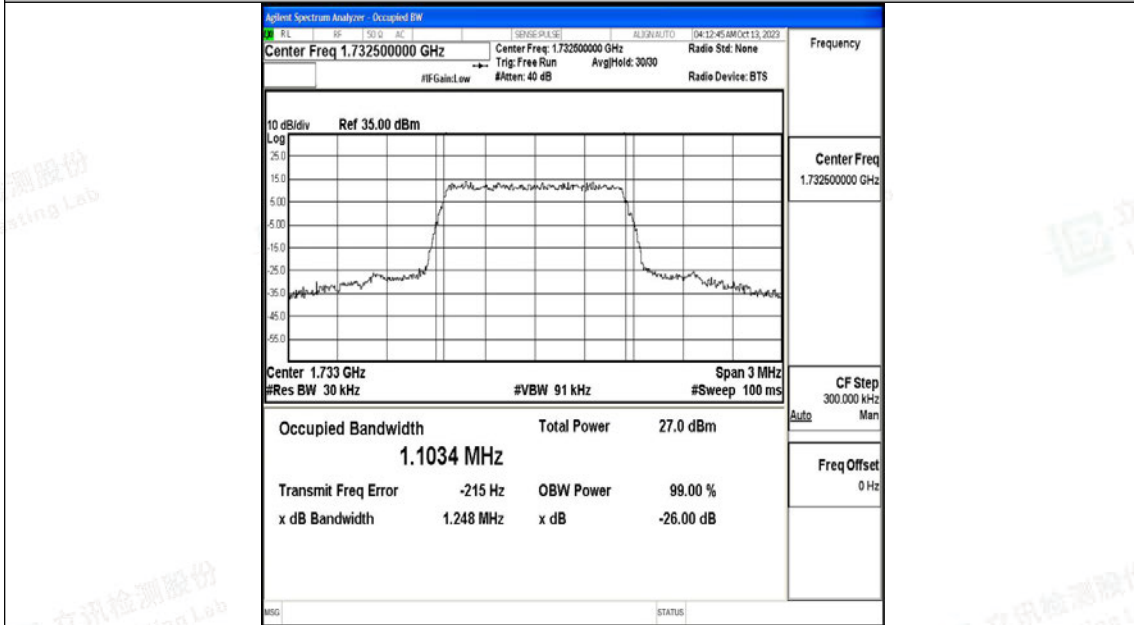


Test Graphs



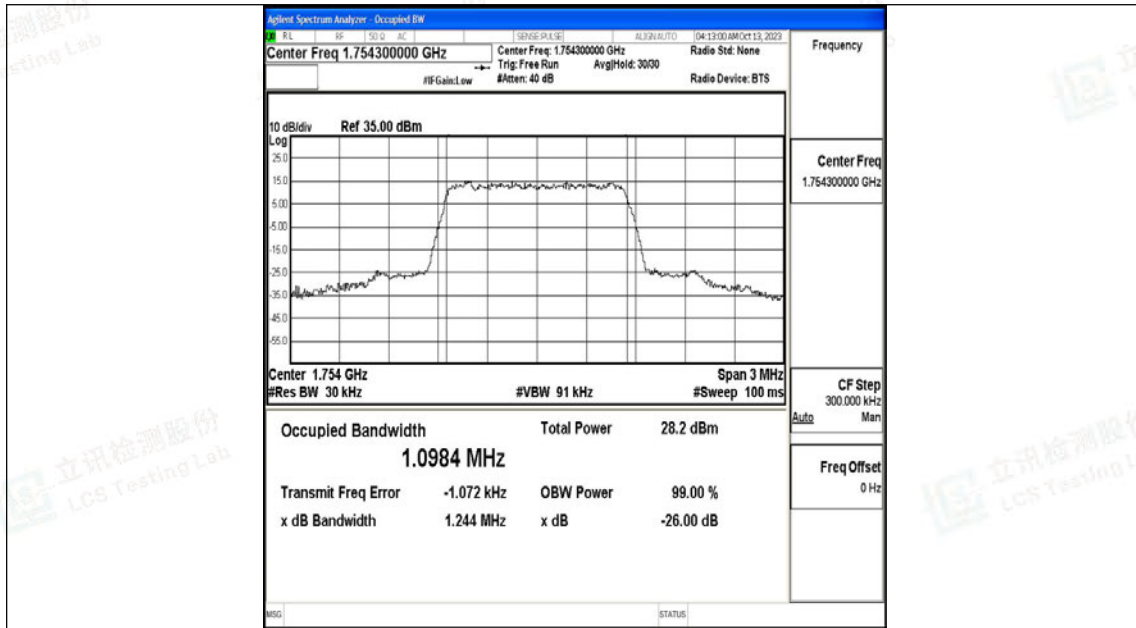


1.4MHz-20175

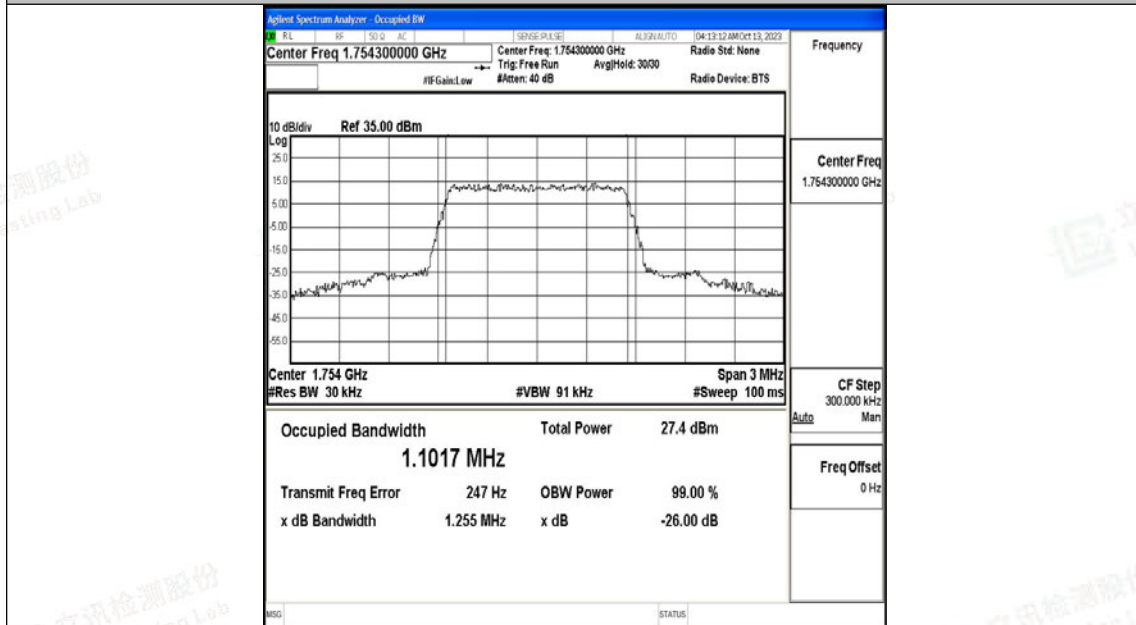


1.4MHz-20175



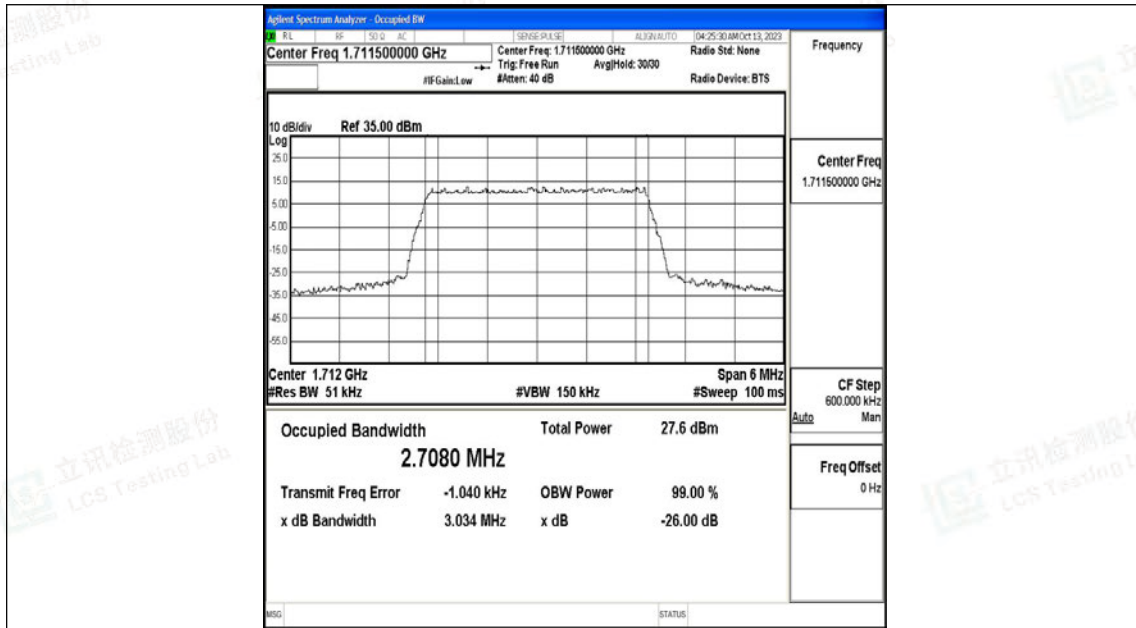


1.4MHz-20393

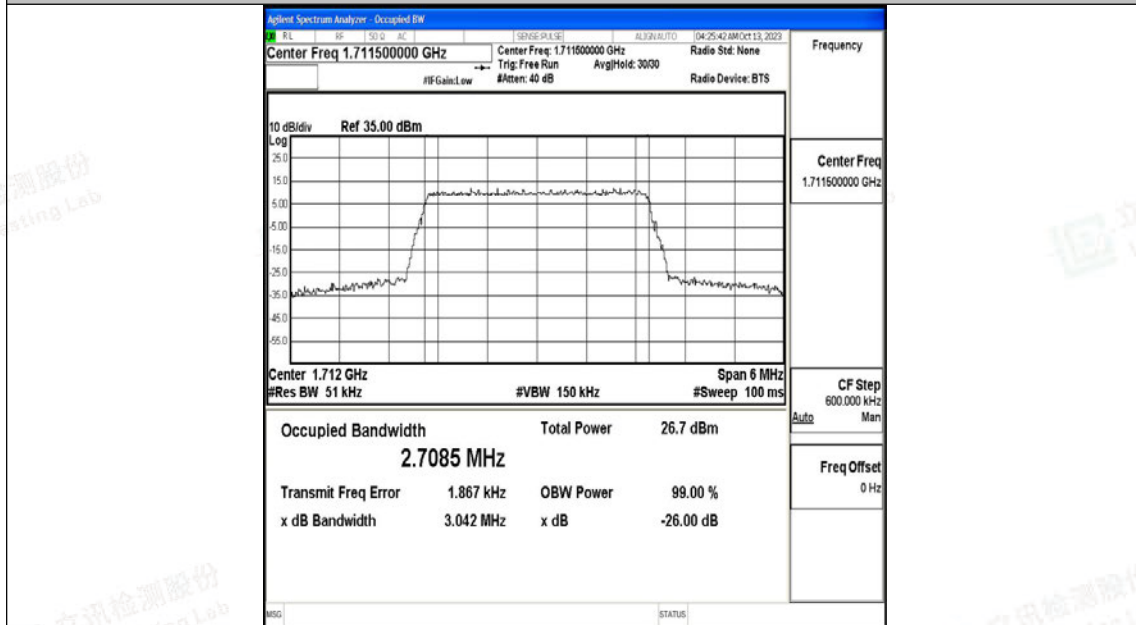


1.4MHz-20393



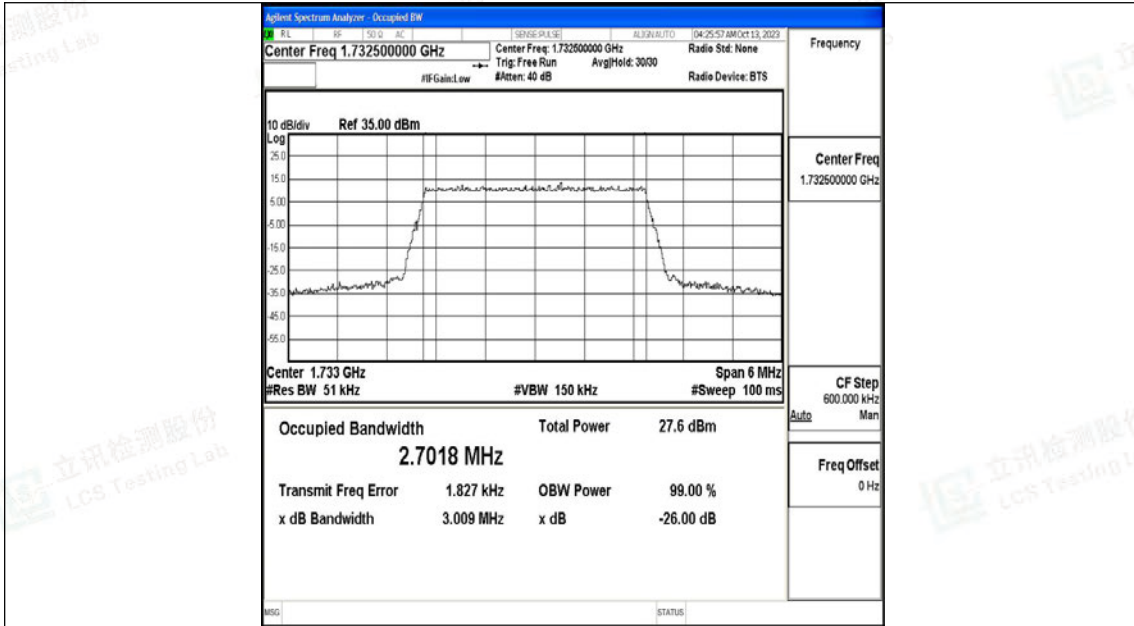


3MHz-19965



3MHz-19965



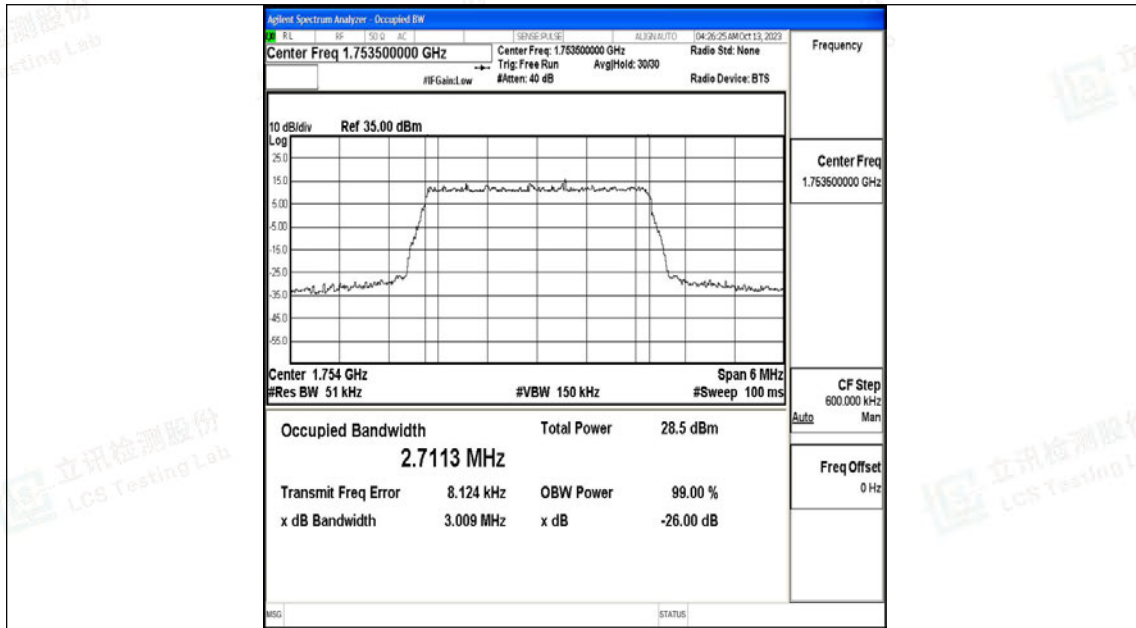


3MHz-20175

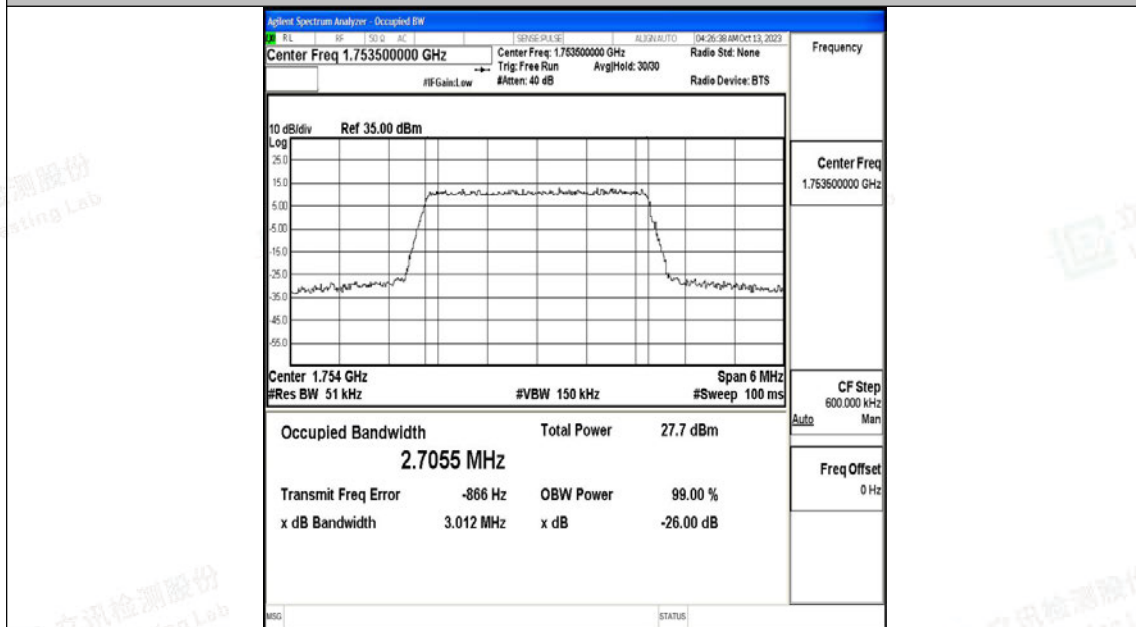


3MHz-20175



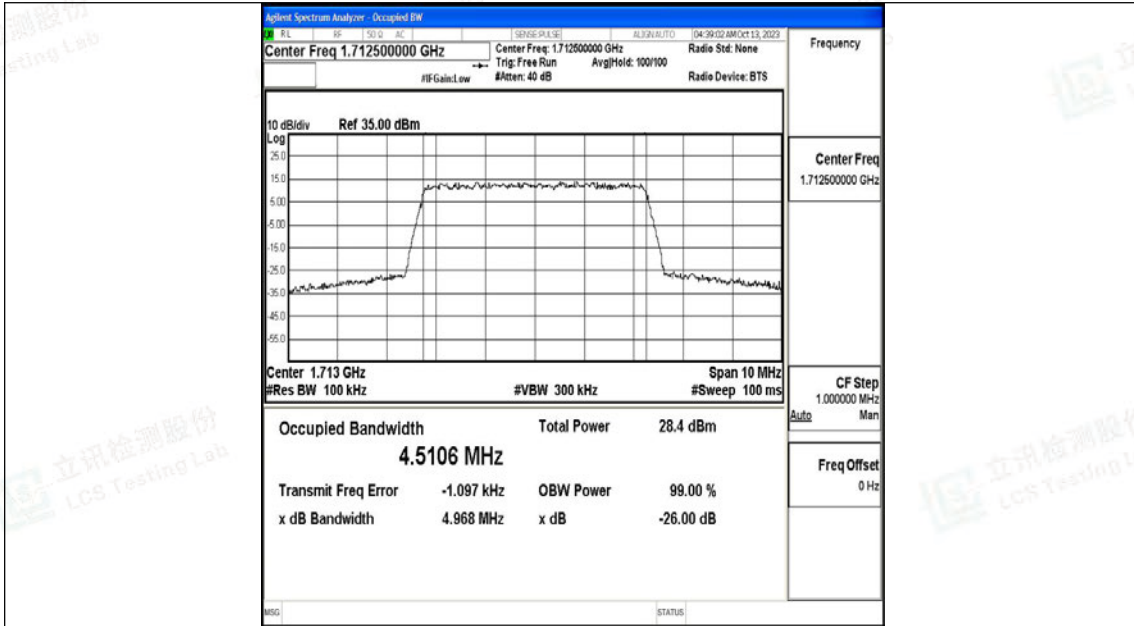


3MHz-20385

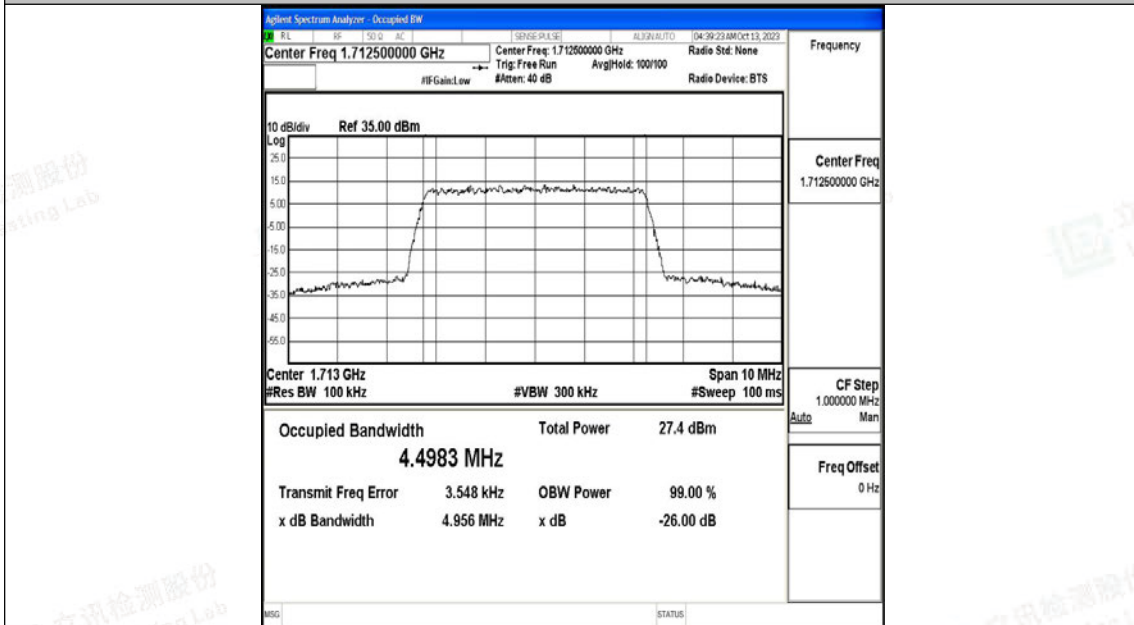


3MHz-20385



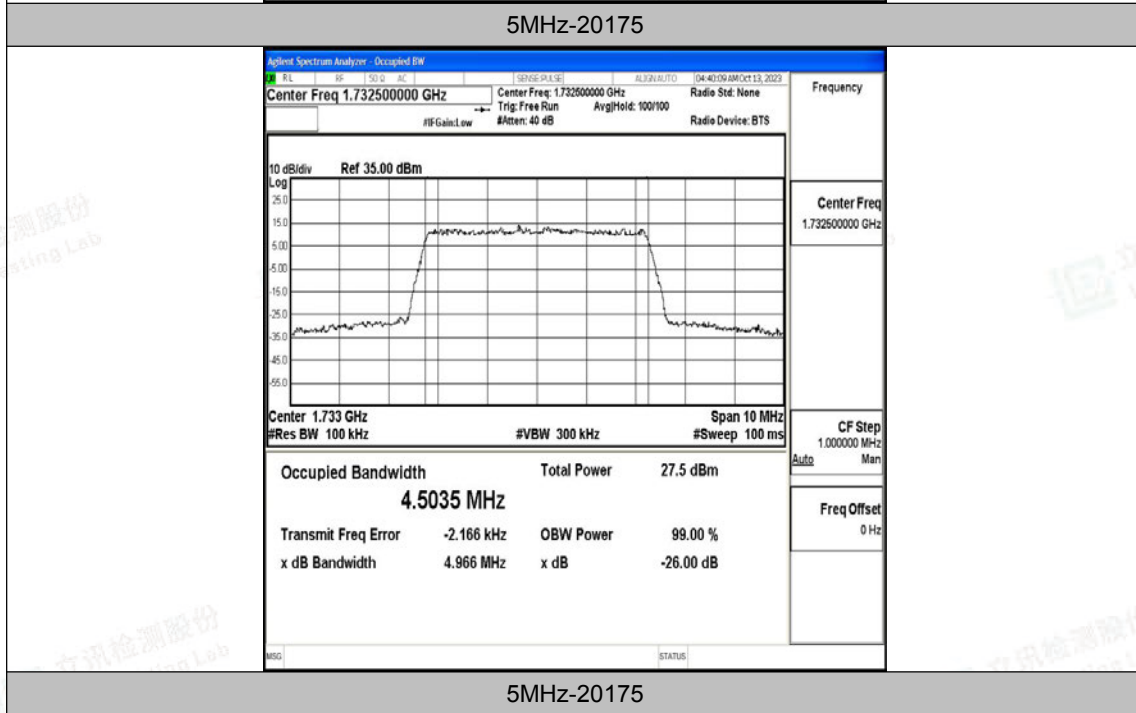
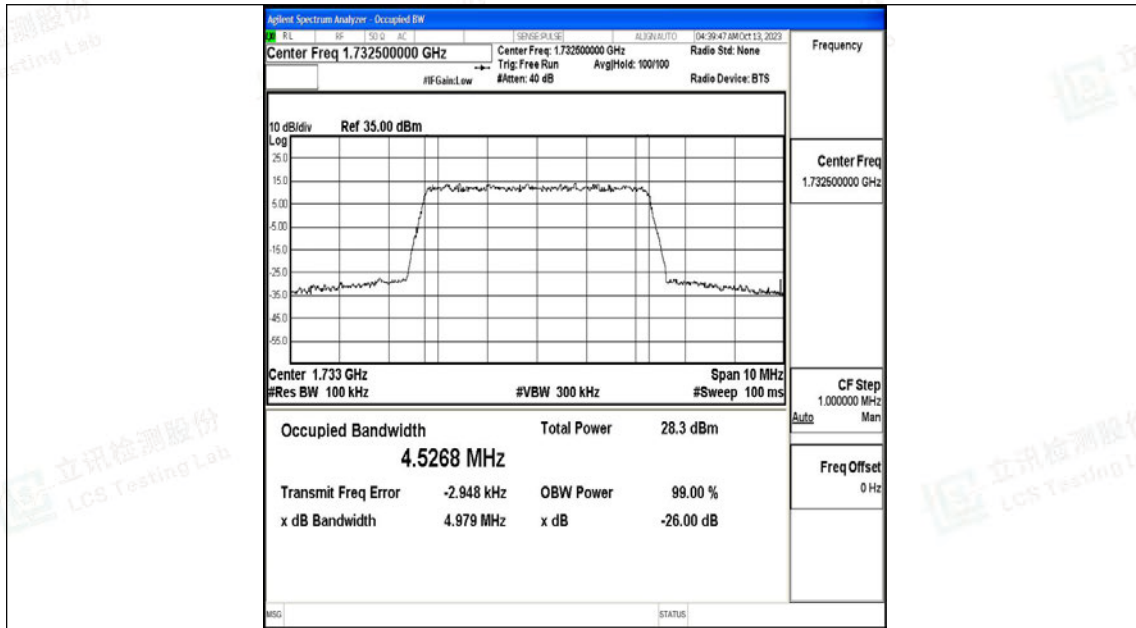


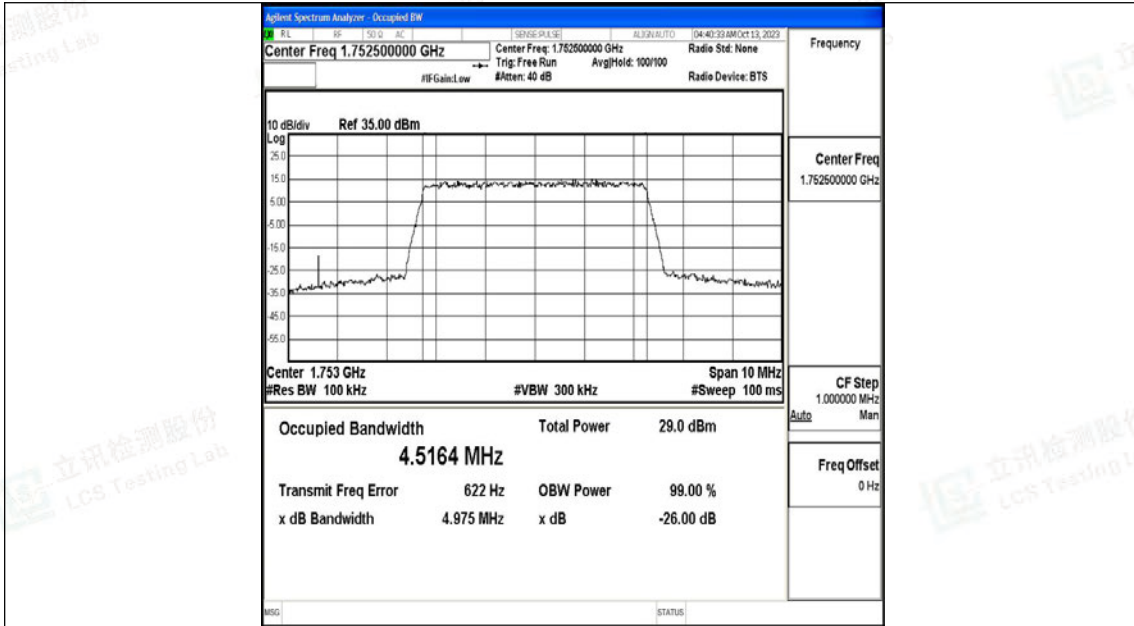
5MHz-19975



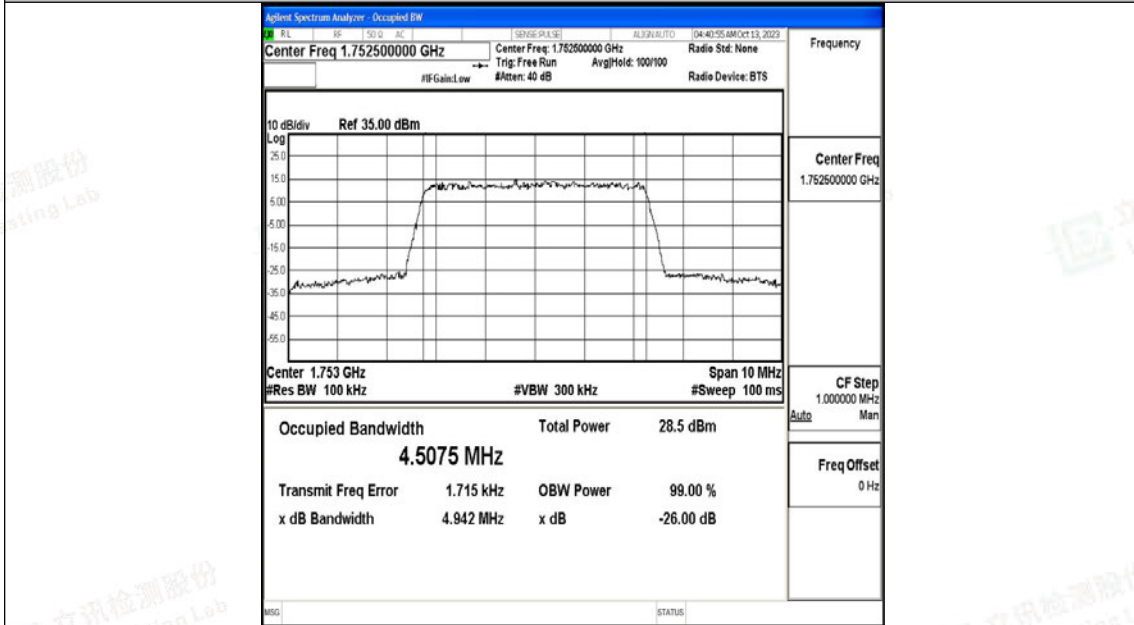
5MHz-19975





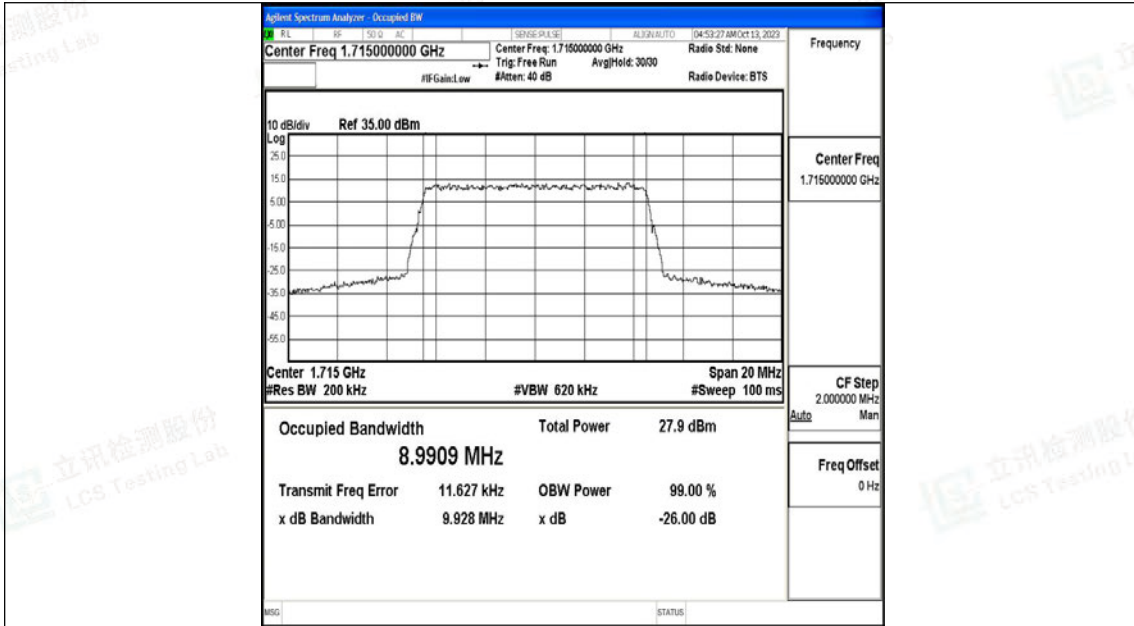


5MHz-20375

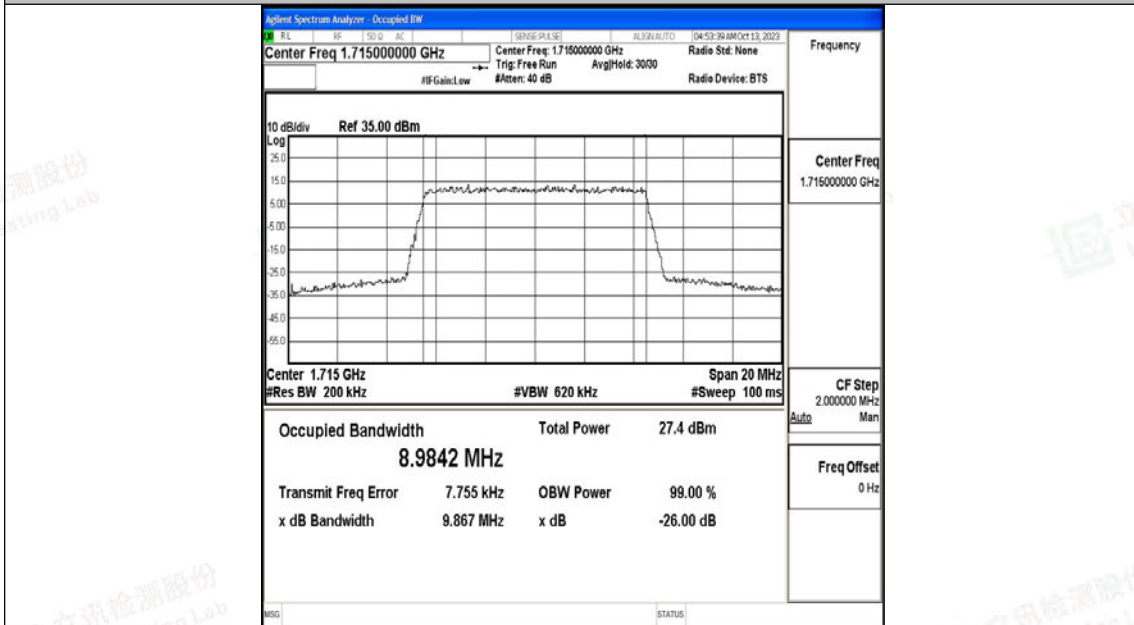


5MHz-20375



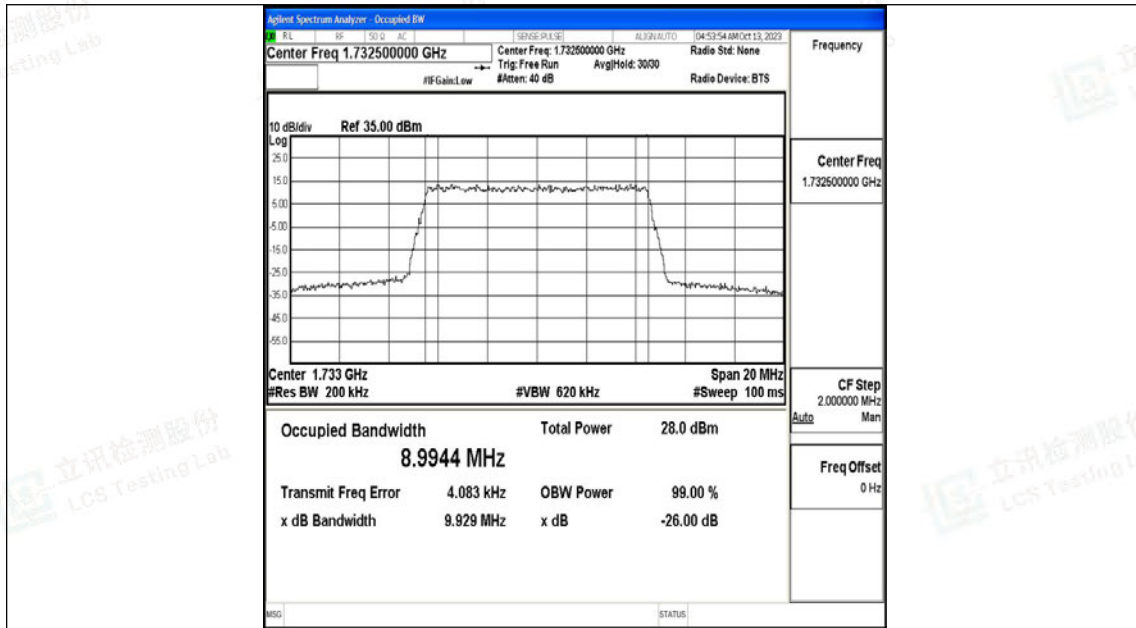


10MHz-20000

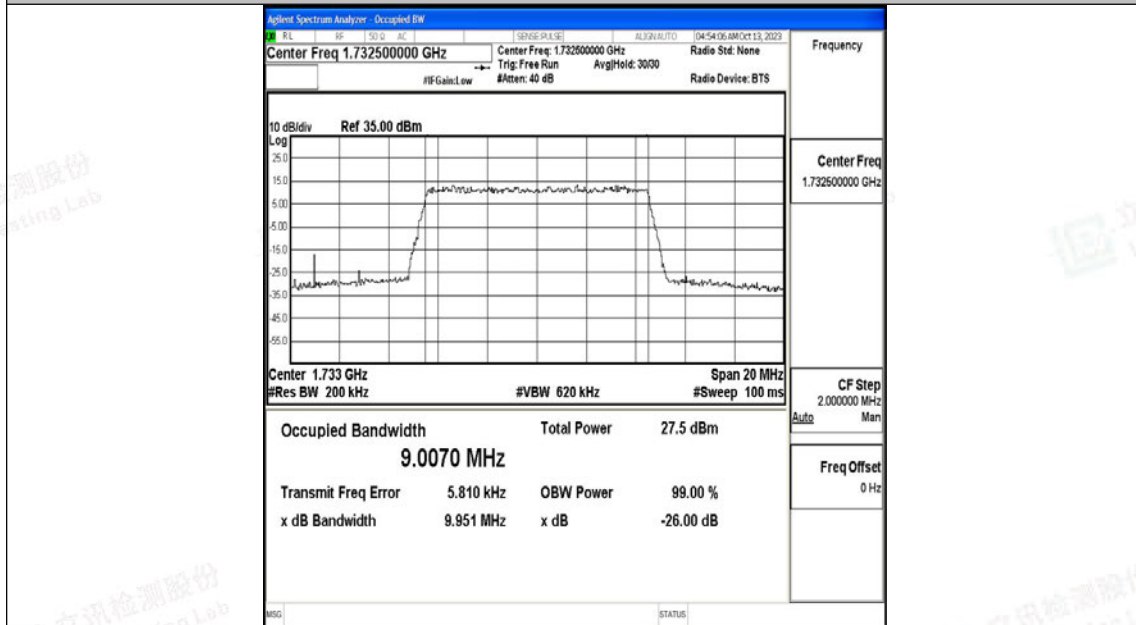


10MHz-20000





10MHz-20175



10MHz-20175



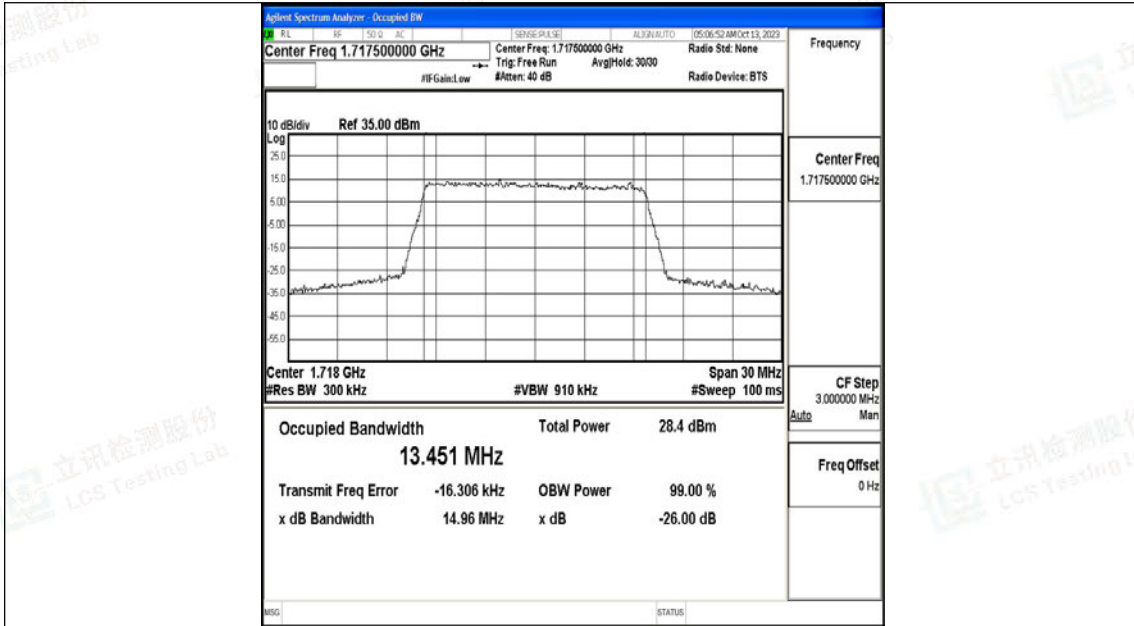


10MHz-20350



10MHz-20350





15MHz-20025

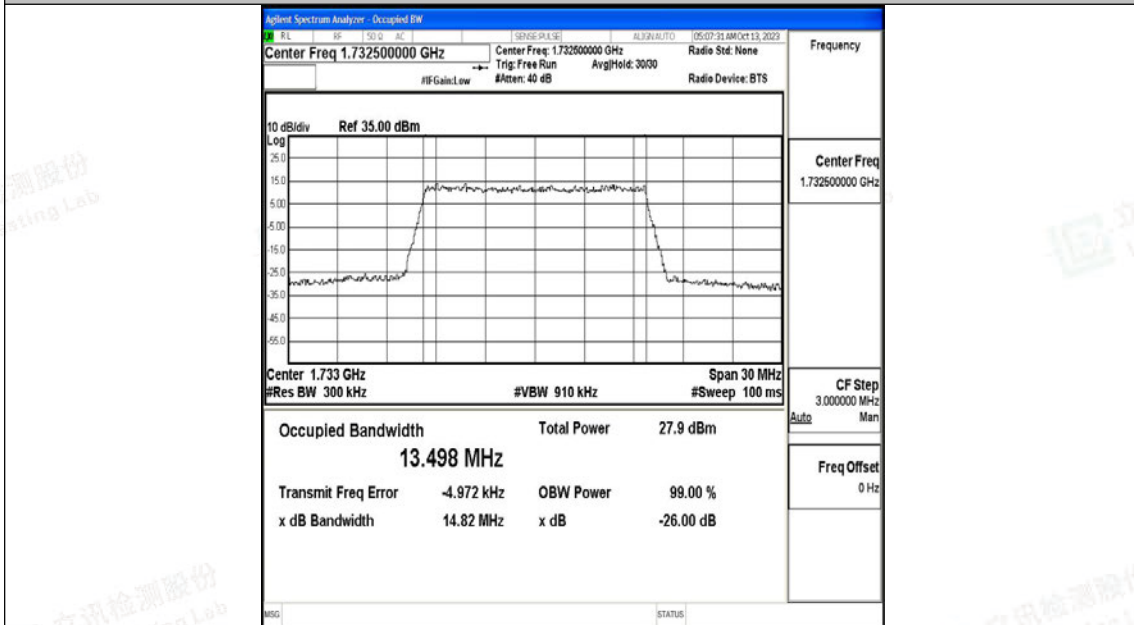


15MHz-20025



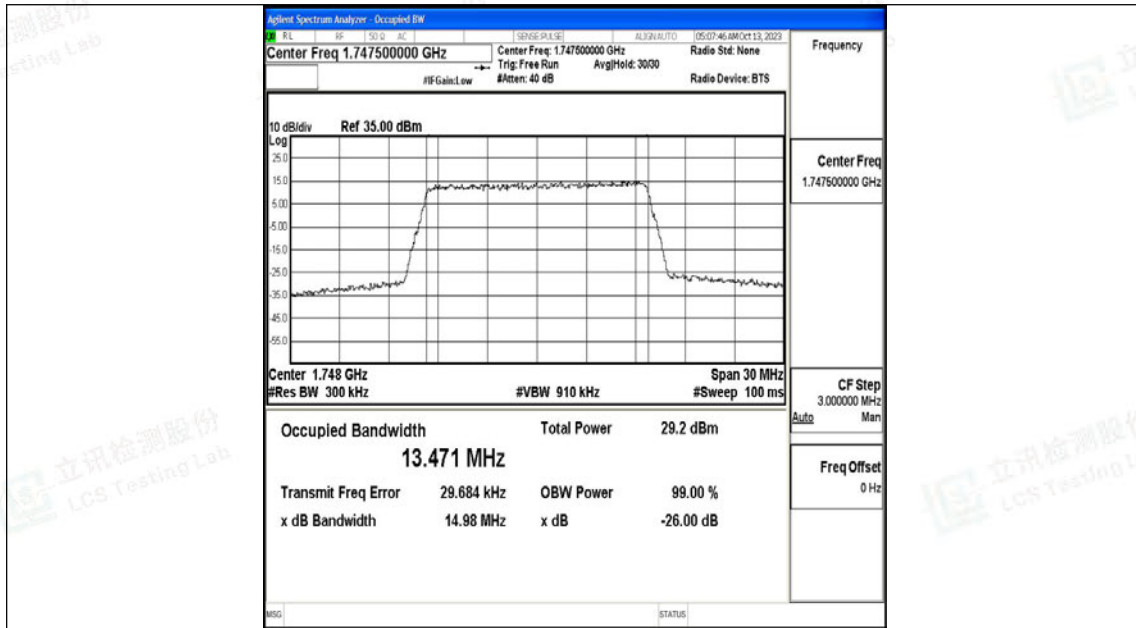


15MHz-20175

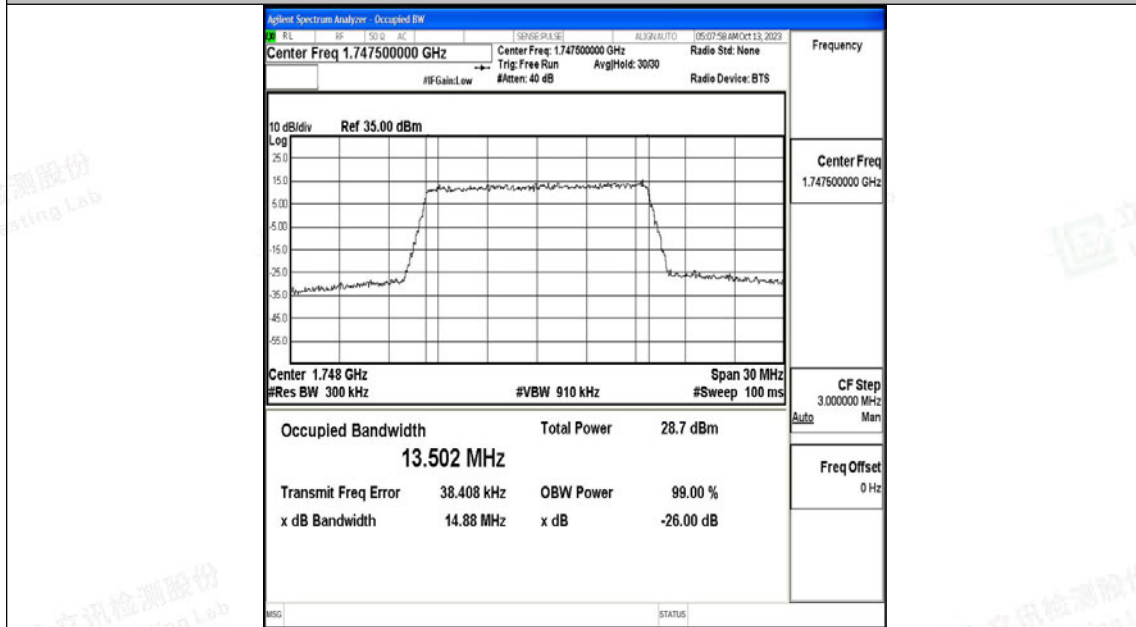


15MHz-20175





15MHz-20325



15MHz-20325



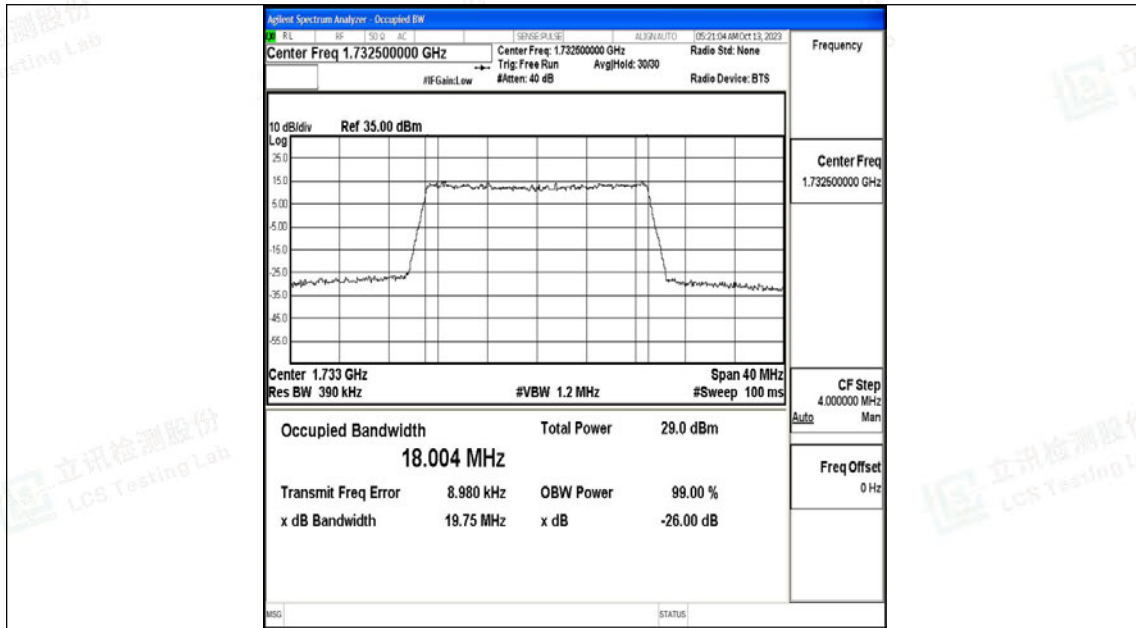


20MHz-20050



20MHz-20050



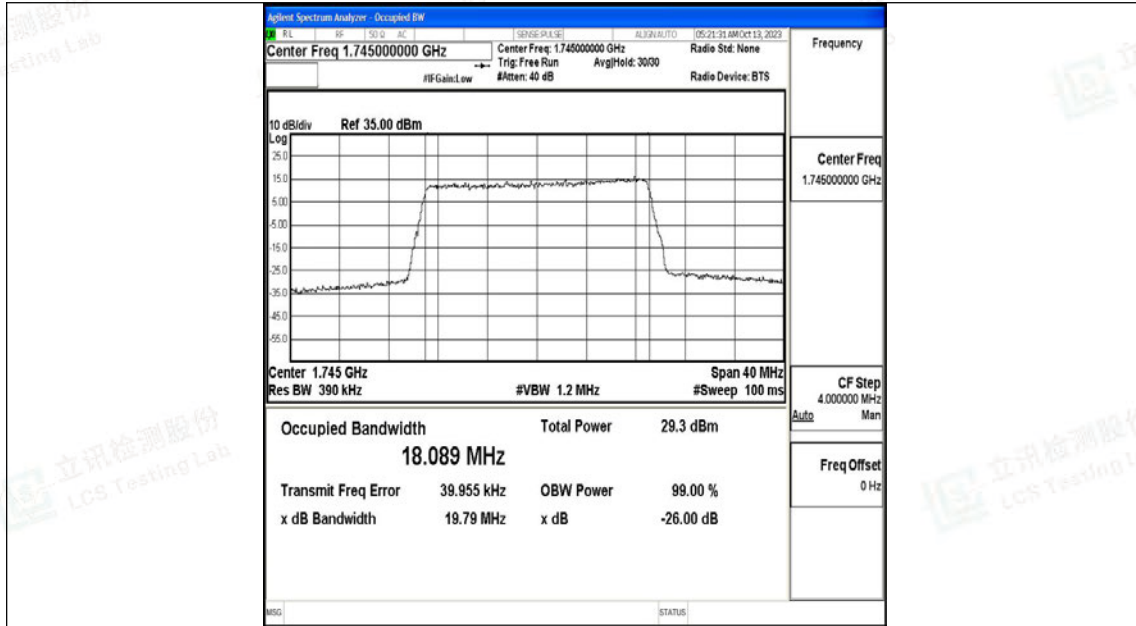


20MHz-20175



20MHz-20175





20MHz-20300



20MHz-20300





G.4 Band Edge

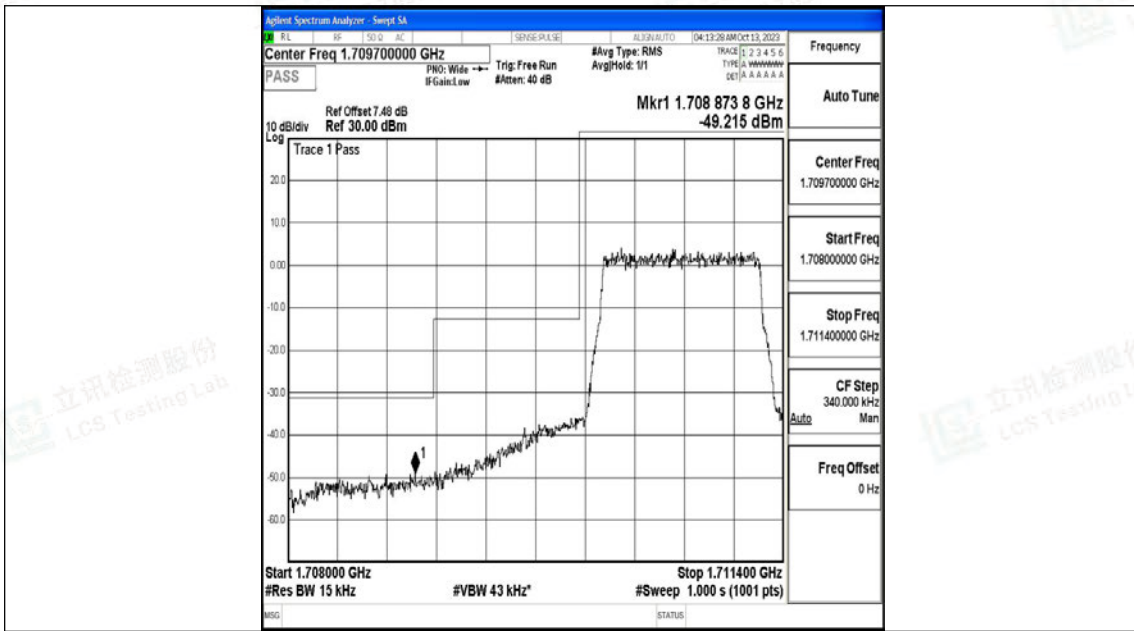
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1708.87	-49.22	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1709.00	-49.57	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1756.03	-48.02	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1756.09	-47.81	PASS
Band4	3MHz	QPSK	19965	15RB#0	1708.99	-42.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	1708.89	-41.84	PASS
Band4	3MHz	QPSK	20385	15RB#0	1756.06	-40.75	PASS
Band4	3MHz	16QAM	20385	15RB#0	1756.04	-40.56	PASS
Band4	5MHz	QPSK	19975	25RB#0	1708.99	-41.09	PASS
Band4	5MHz	16QAM	19975	25RB#0	1708.96	-41.31	PASS
Band4	5MHz	QPSK	20375	25RB#0	1756.01	-39.35	PASS
Band4	5MHz	16QAM	20375	25RB#0	1756.03	-38.97	PASS
Band4	10MHz	QPSK	20000	50RB#0	1709.00	-40.32	PASS
Band4	10MHz	16QAM	20000	50RB#0	1708.95	-40.33	PASS
Band4	10MHz	QPSK	20350	50RB#0	1756.10	-38.66	PASS
Band4	10MHz	16QAM	20350	50RB#0	1756.27	-38.33	PASS
Band4	15MHz	QPSK	20025	75RB#0	1708.88	-38.70	PASS
Band4	15MHz	16QAM	20025	75RB#0	1708.97	-39.19	PASS
Band4	15MHz	QPSK	20325	75RB#0	1756.17	-37.03	PASS
Band4	15MHz	16QAM	20325	75RB#0	1756.18	-37.06	PASS
Band4	20MHz	QPSK	20050	100RB#0	1708.90	-38.62	PASS
Band4	20MHz	16QAM	20050	100RB#0	1708.79	-39.09	PASS
Band4	20MHz	QPSK	20300	100RB#0	1756.10	-37.67	PASS
Band4	20MHz	16QAM	20300	100RB#0	1756.38	-37.41	PASS

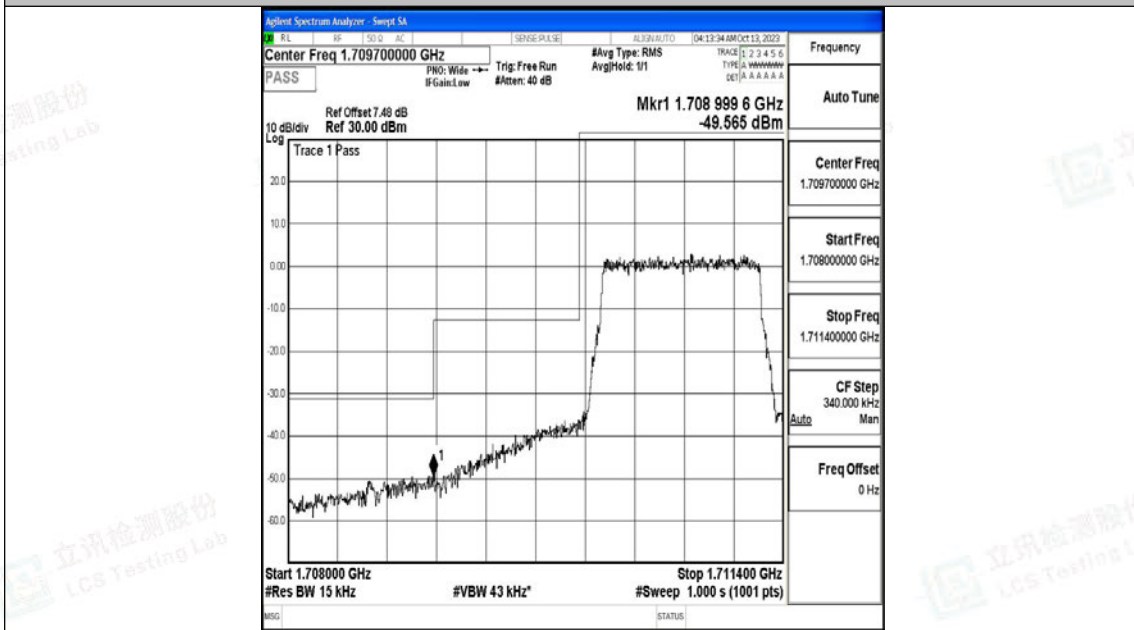




Test Graphs

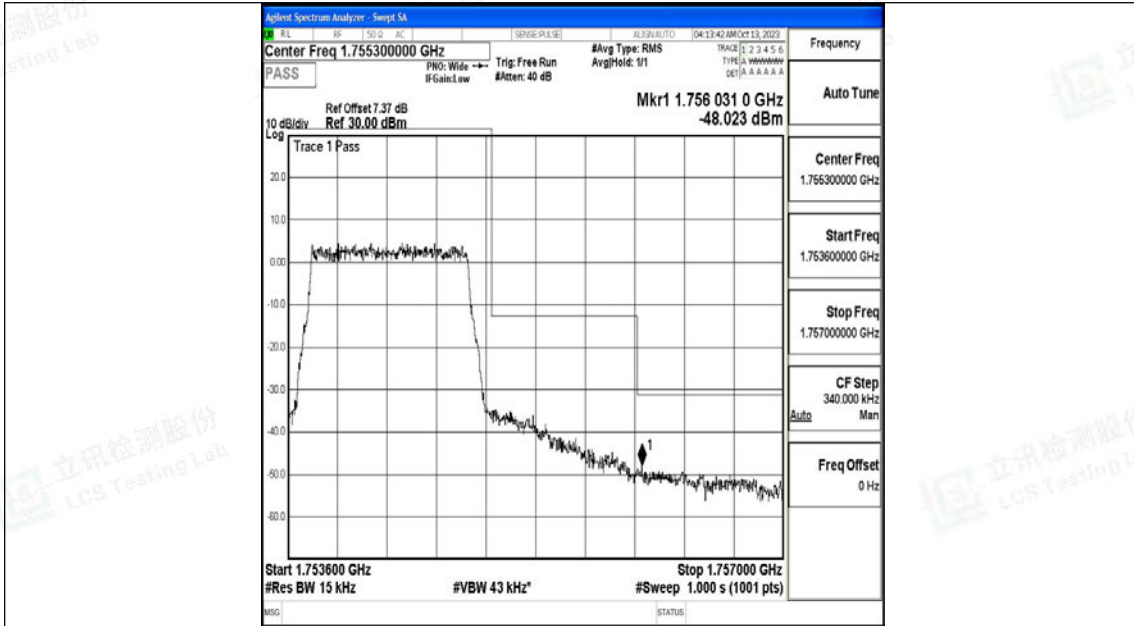


Band4_1.4MHz_QPSK_19957_6RB#0

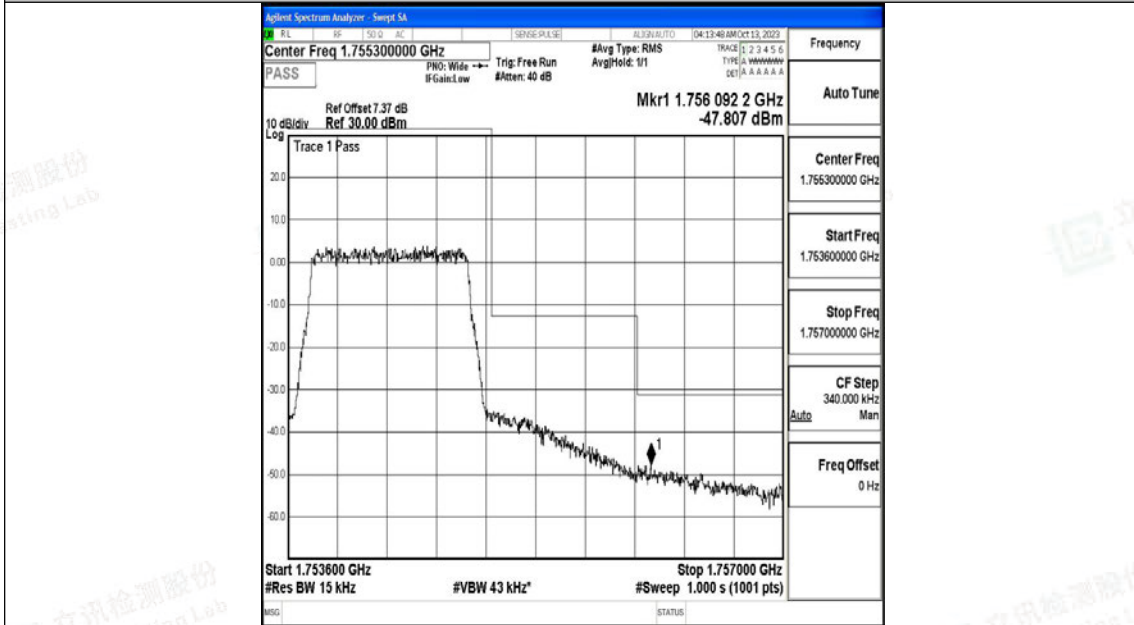


Band4_1.4MHz_16QAM_19957_6RB#0



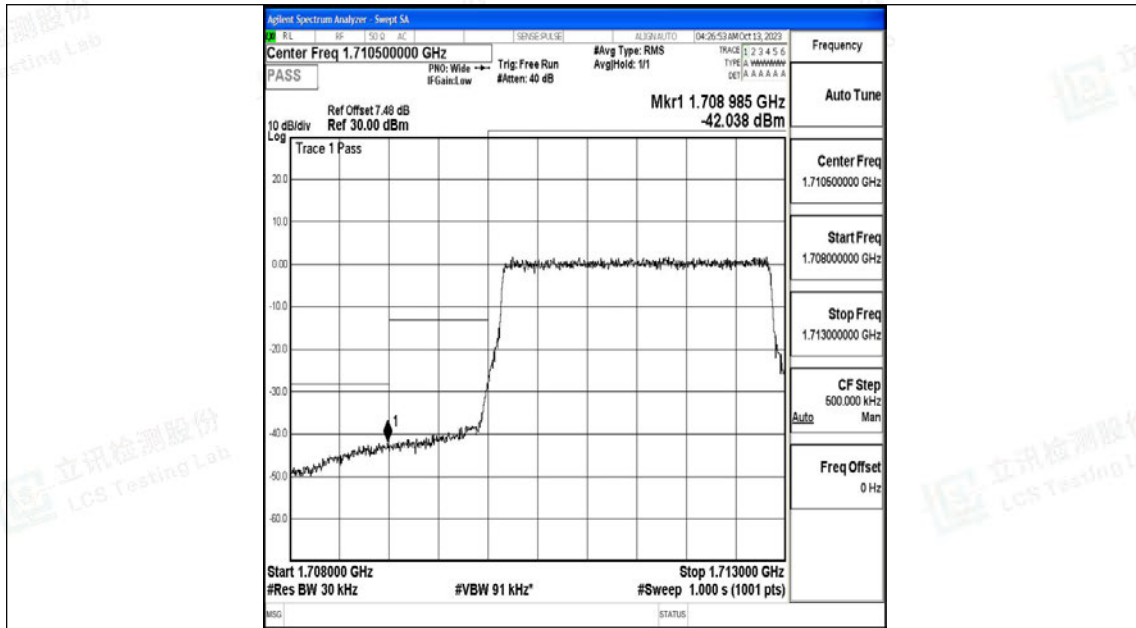


Band4_1.4MHz_QPSK_20393_6RB#0

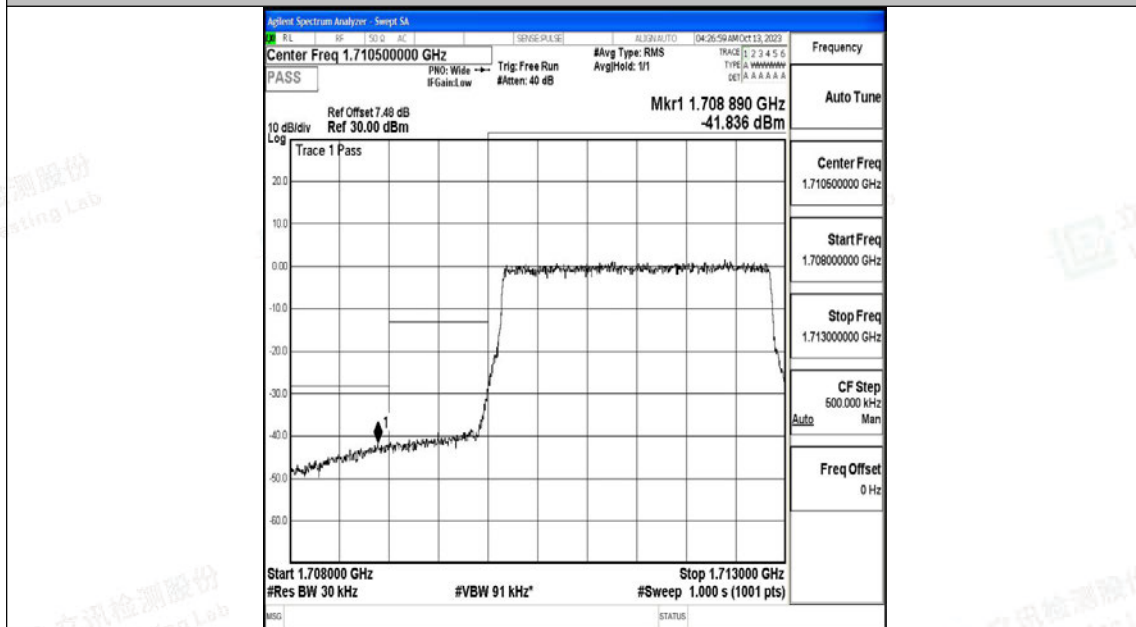


Band4_1.4MHz_16QAM_20393_6RB#0



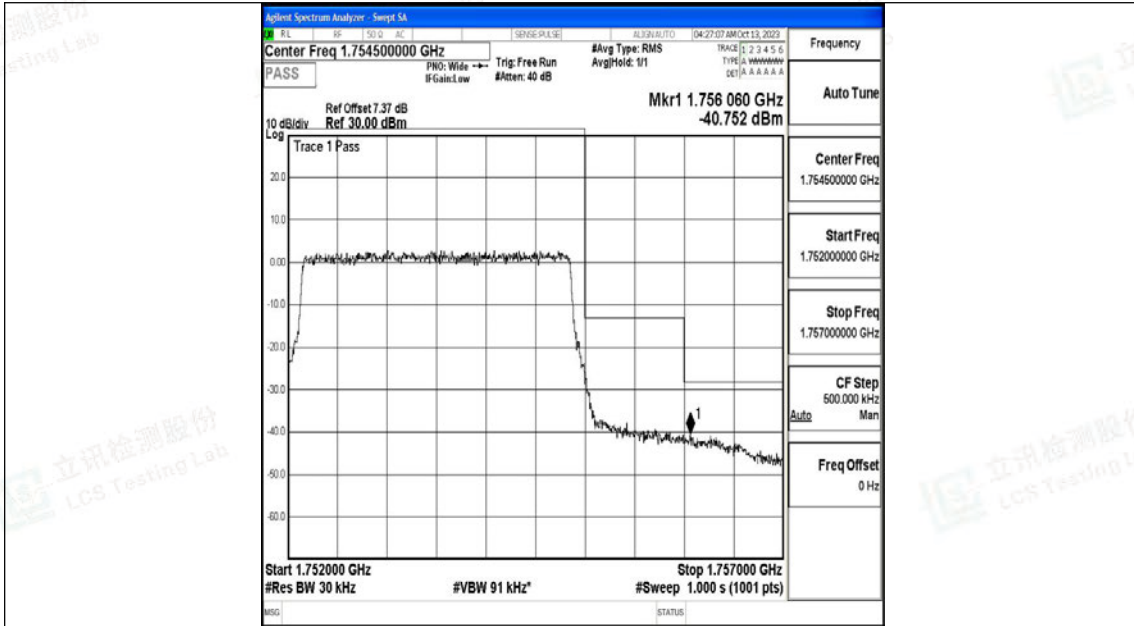


Band4_3MHz_QPSK_19965_15RB#0

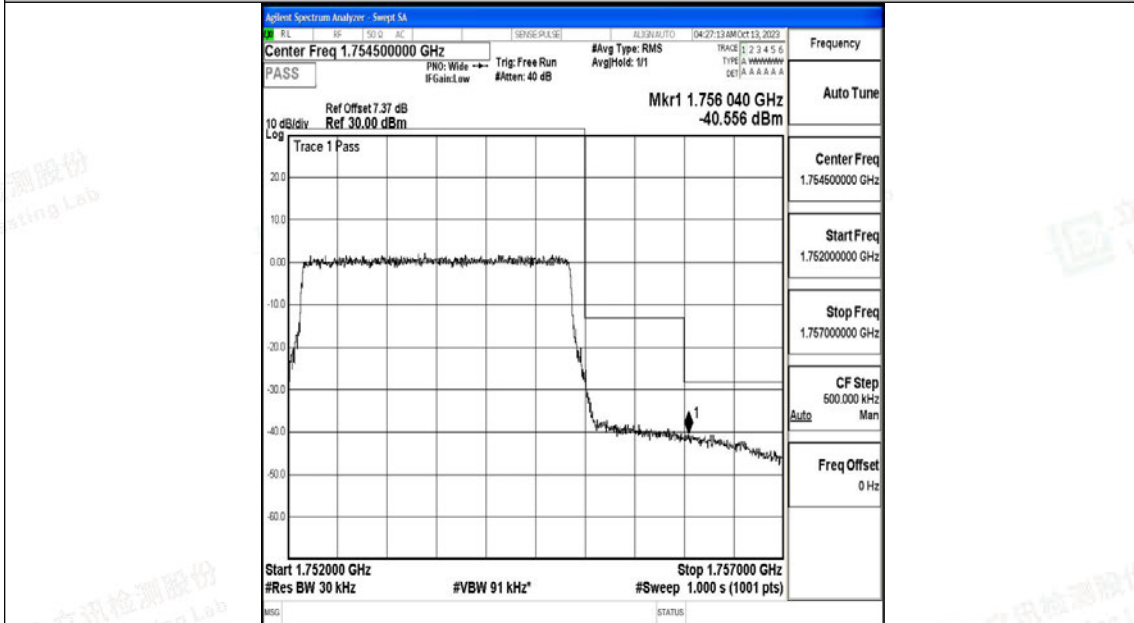


Band4_3MHz_16QAM_19965_15RB#0



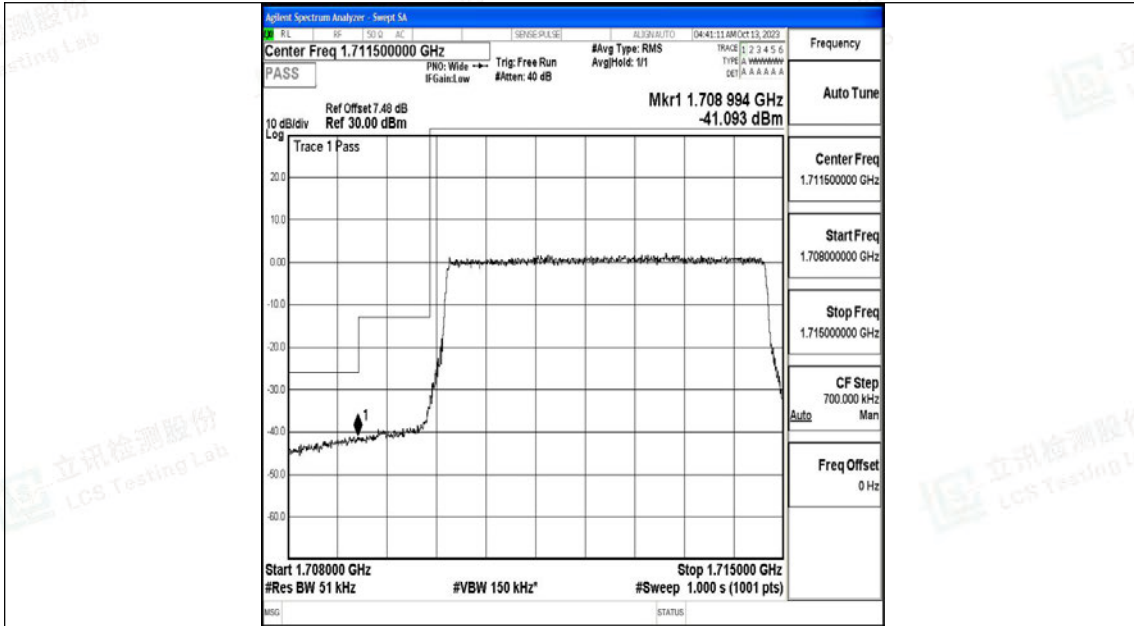


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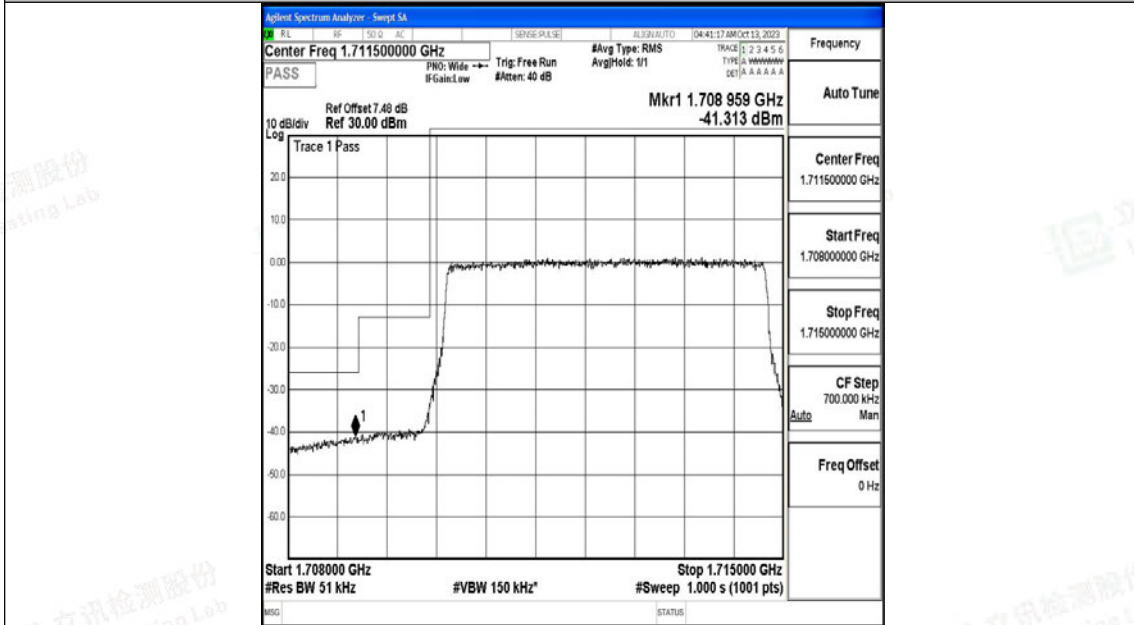


Band4_3MHz_16QAM_20385_15RB#0



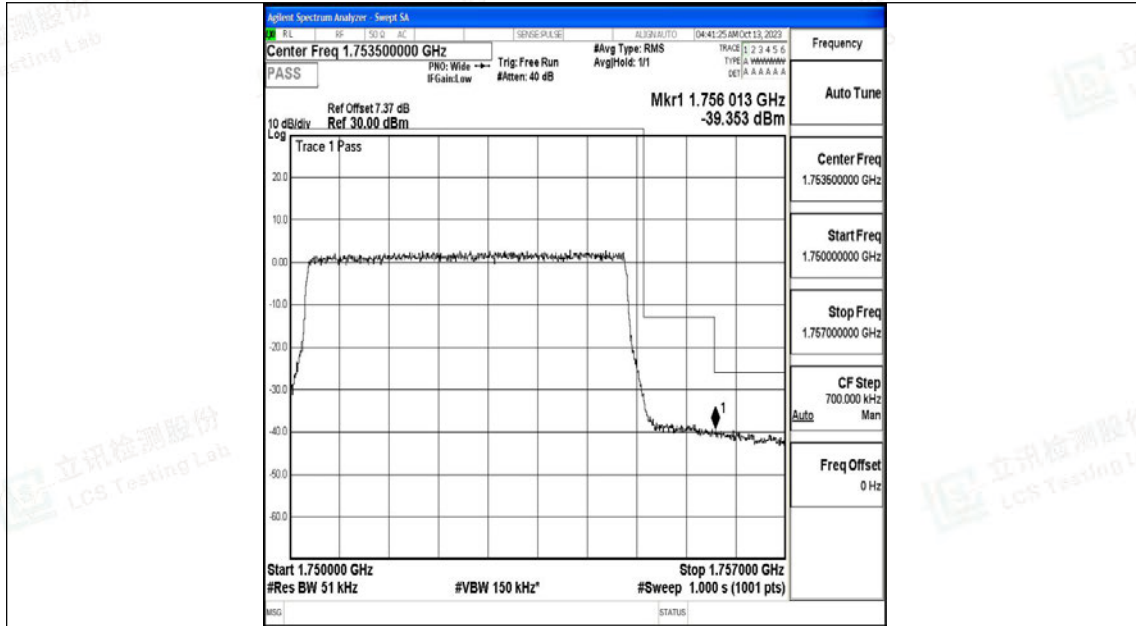


Band4_5MHz_QPSK_19975_25RB#0

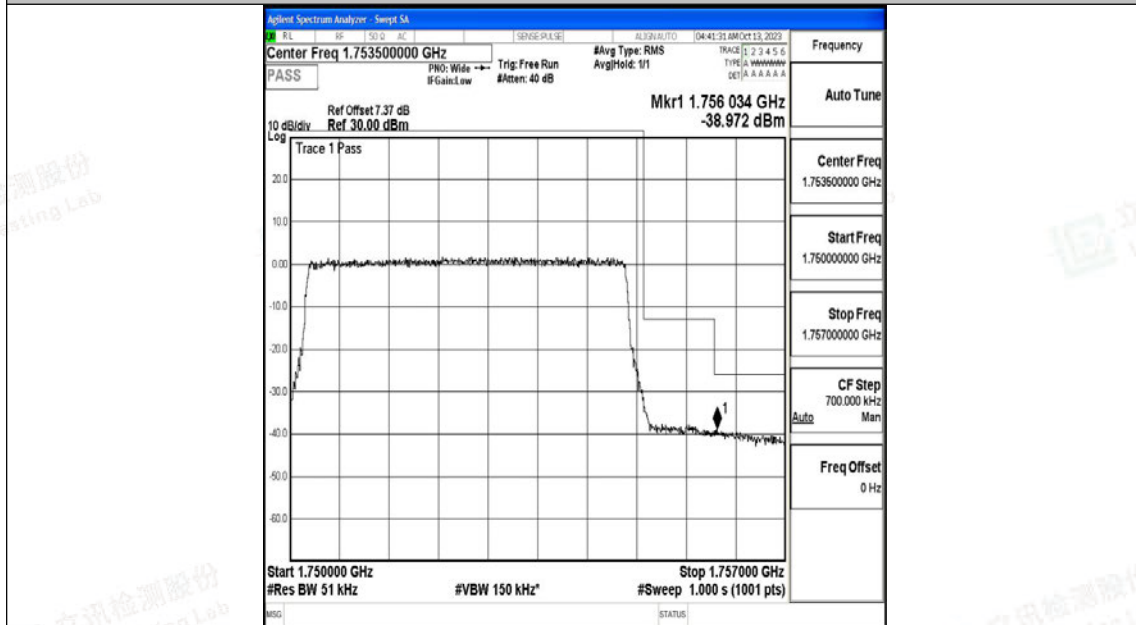


Band4_5MHz_16QAM_19975_25RB#0



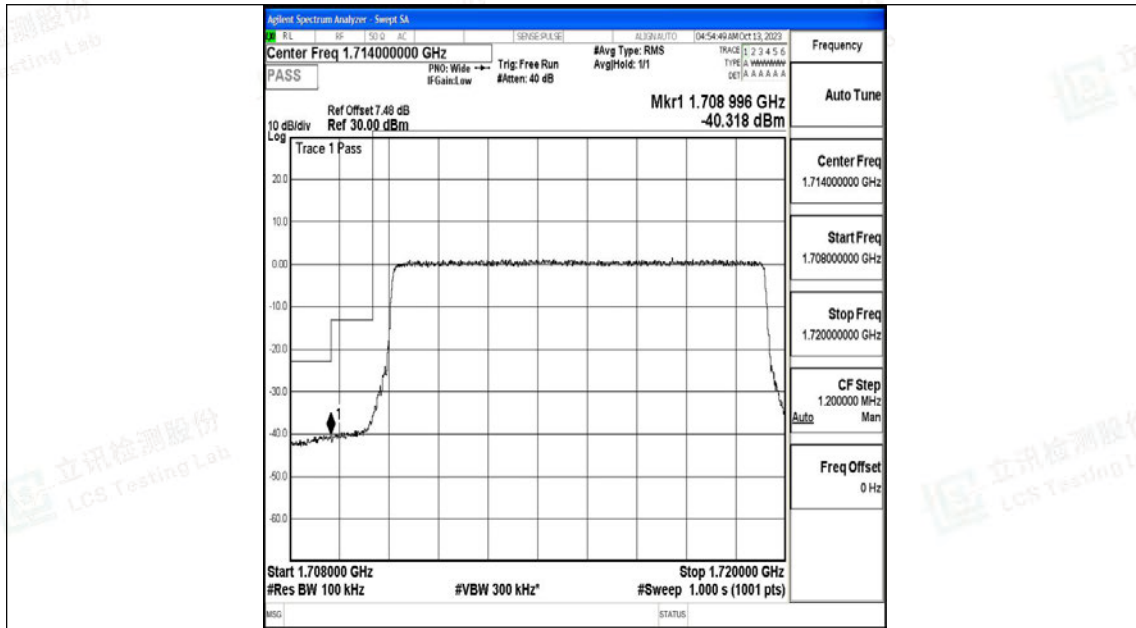


Band4_5MHz_QPSK_20375_25RB#0

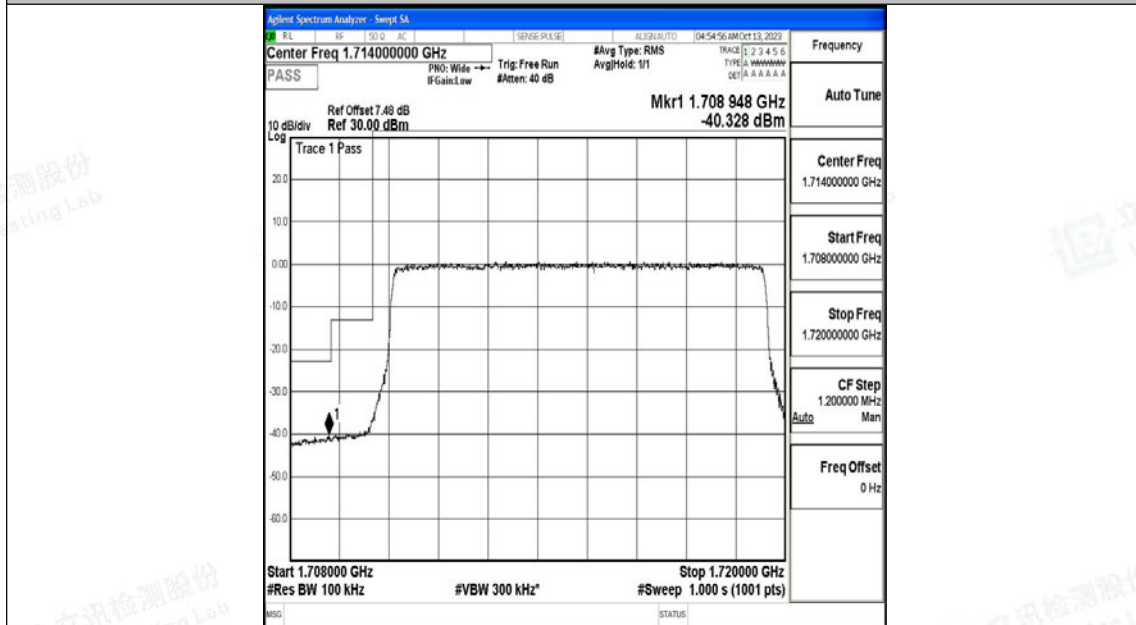


Band4_5MHz_16QAM_20375_25RB#0



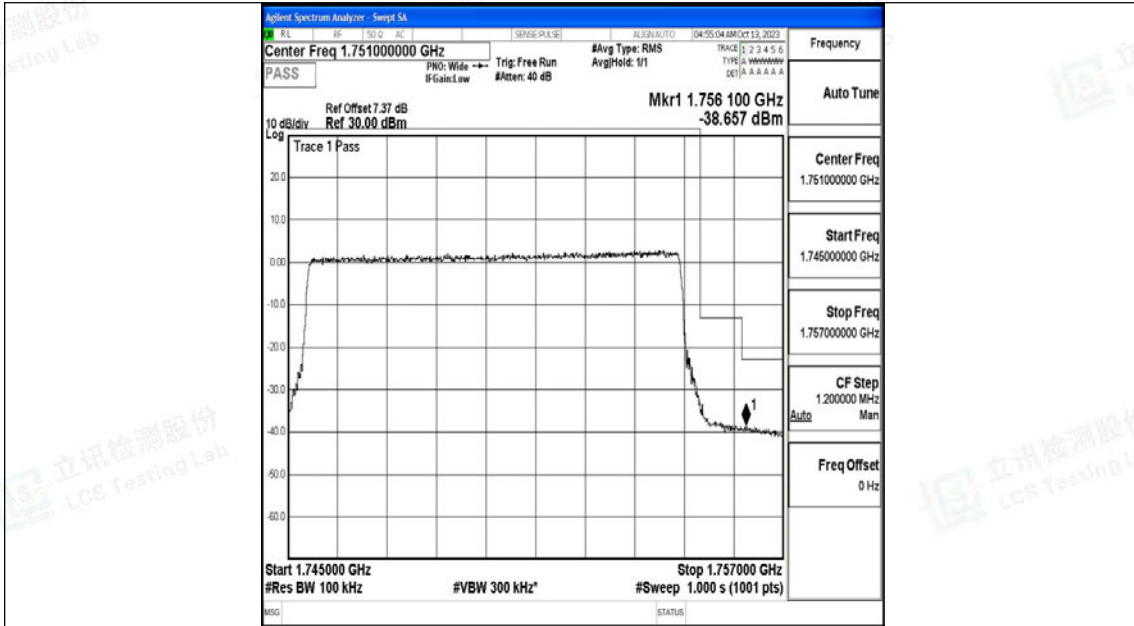


Band4_10MHz_QPSK_20000_50RB#0

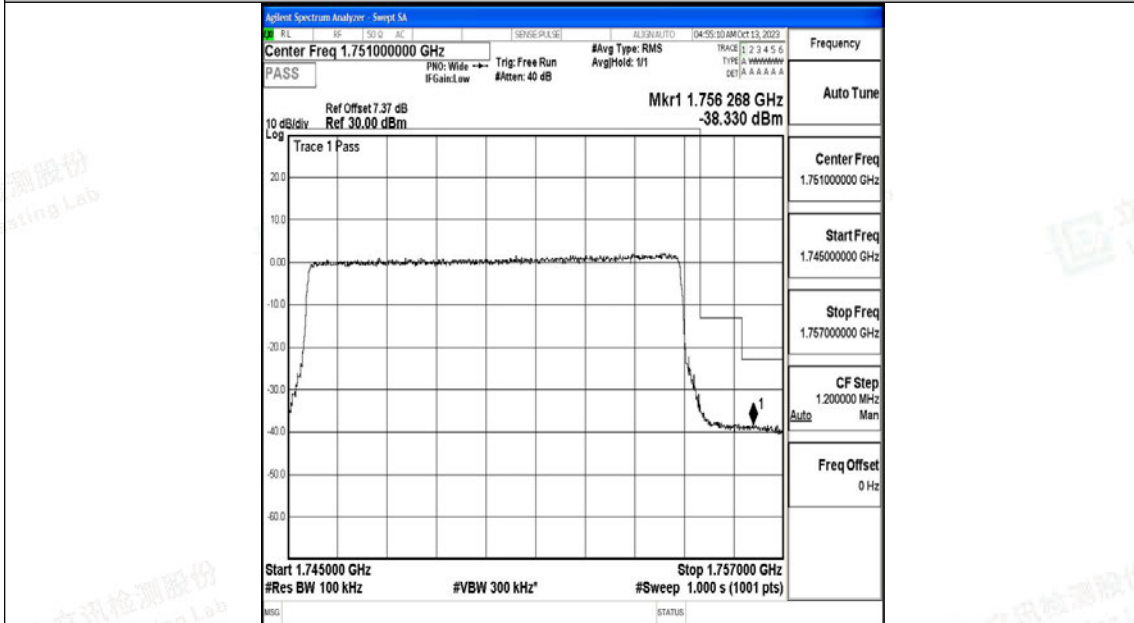


Band4_10MHz_16QAM_20000_50RB#0



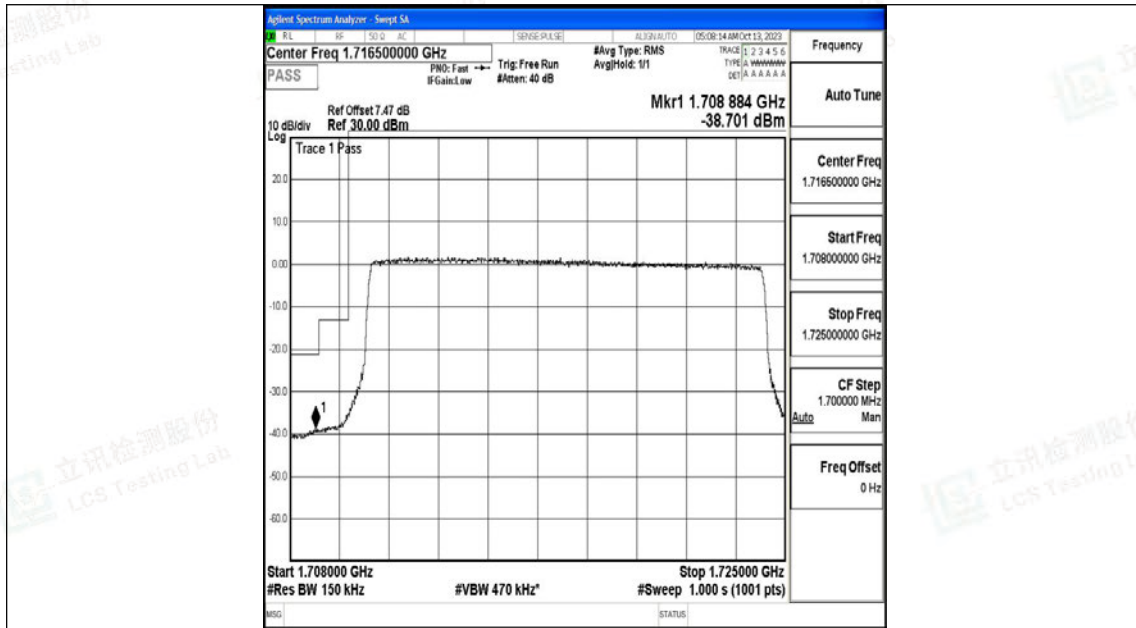


Band4_10MHz_QPSK_20350_50RB#0

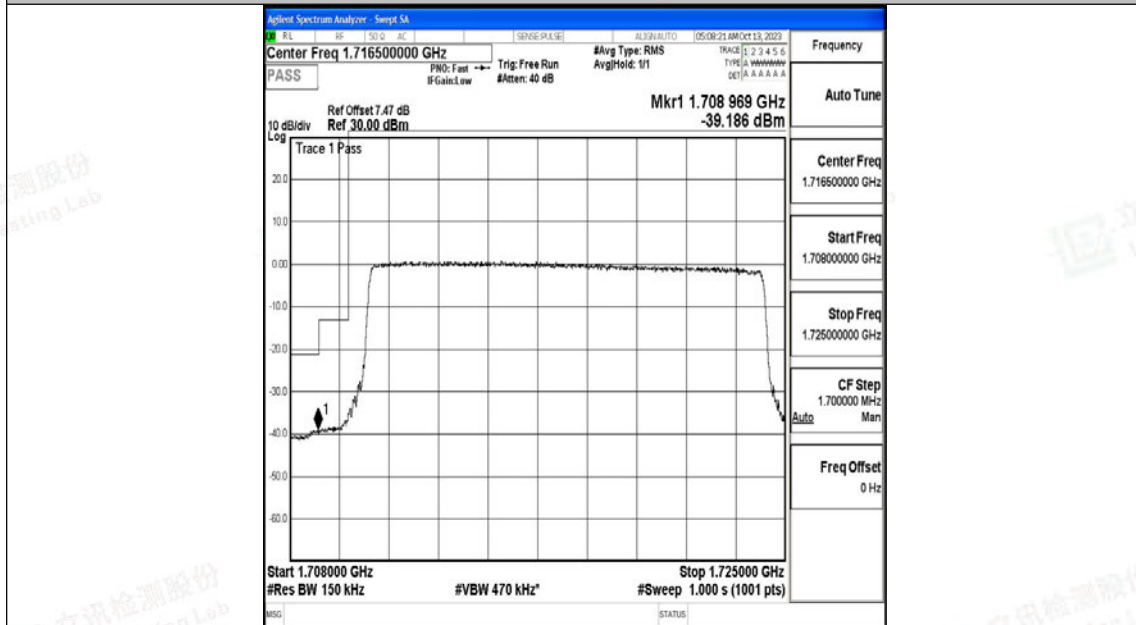


Band4_10MHz_16QAM_20350_50RB#0





Band4_15MHz_QPSK_20025_75RB#0



Band4_15MHz_16QAM_20025_75RB#0

