



## Appendix B Test Data for E-UTRA Band 4

**Product Name:** Solar camera

**Test Model:** ZC-YT09

### Environmental Conditions

Temperature:	22.4° C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu





## B.1 Conducted Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.02	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.81	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.07	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.85	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.95	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.88	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.95	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.85	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.01	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.07	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.55	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.68	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.61	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.67	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.57	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.60	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.50	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.67	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.59	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.68	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.45	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.62	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.87	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.18	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.67	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.28	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.70	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.39	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.72	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.31	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.74	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.77	PASS



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Band4	1.4MHz	QPSK	20393	3RB#1	21.76	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.78	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.90	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.10	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.22	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.86	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.36	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.93	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.35	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.85	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.26	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.19	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.65	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.22	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.57	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.19	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.69	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.19	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.63	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.84	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.77	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.80	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.72	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.80	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.69	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.99	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.42	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.98	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.41	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.93	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.37	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.89	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.16	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.86	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.45	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.84	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.44	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.86	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.70	PASS



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Band4	3MHz	QPSK	20385	8RB#0	21.12	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.49	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.15	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.50	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.16	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.53	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.13	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.49	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.05	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.84	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.96	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.74	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.99	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.70	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.27	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.53	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.28	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.53	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.22	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.54	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.21	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.62	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.69	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.45	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.68	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.37	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.63	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.13	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.06	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.31	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.06	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.31	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.02	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.27	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.05	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.14	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.10	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.90	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.10	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.90	PASS





Band4	5MHz	QPSK	20375	1RB#24	22.14	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.98	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.22	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.27	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.15	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.28	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.20	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.42	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.12	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.46	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.90	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.46	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.85	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.36	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.85	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.36	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.17	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.56	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.27	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.47	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.26	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.39	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.13	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.53	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.82	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.26	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.78	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.16	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.64	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.61	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.01	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.43	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.90	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.43	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.06	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.51	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.31	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.63	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.82	PASS





Band4	10MHz	QPSK	20350	1RB#24	21.70	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.87	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.82	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.94	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.08	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.43	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.09	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.44	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.20	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.51	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.16	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.49	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.94	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.39	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.89	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.35	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.65	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.33	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.15	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.06	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.25	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.18	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.18	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.17	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.17	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.45	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.63	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.34	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.43	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.24	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.42	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.23	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.97	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.94	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.94	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.93	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.93	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.93	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.93	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.35	PASS





Band4	15MHz	QPSK	20325	1RB#0	21.61	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.70	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.72	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.67	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.81	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.71	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.09	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.09	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.09	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.09	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.09	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.09	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.10	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.43	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.29	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.49	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.16	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.37	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.98	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.23	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.14	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.58	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.18	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.59	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.97	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.40	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.14	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.46	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.89	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.78	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.73	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.61	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.71	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.54	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.02	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.36	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.98	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.35	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.01	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.33	PASS





Band4	20MHz	QPSK	20175	100RB#0	20.95	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.47	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.75	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.91	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.79	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.09	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.83	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.40	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.06	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.39	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.17	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.49	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.11	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.40	PASS







## B.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	4.07	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.84	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.56	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	4.99	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3.99	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.61	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.11	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.73	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.63	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.23	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	3.95	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.60	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.16	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.67	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.65	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.16	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	3.87	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.58	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.39	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	4.98	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.59	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.25	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	3.87	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	4.55	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.95	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.31	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.95	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.44	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.41	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	4.85	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.95	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.56	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.95	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.60	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.61	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.12	13	PASS



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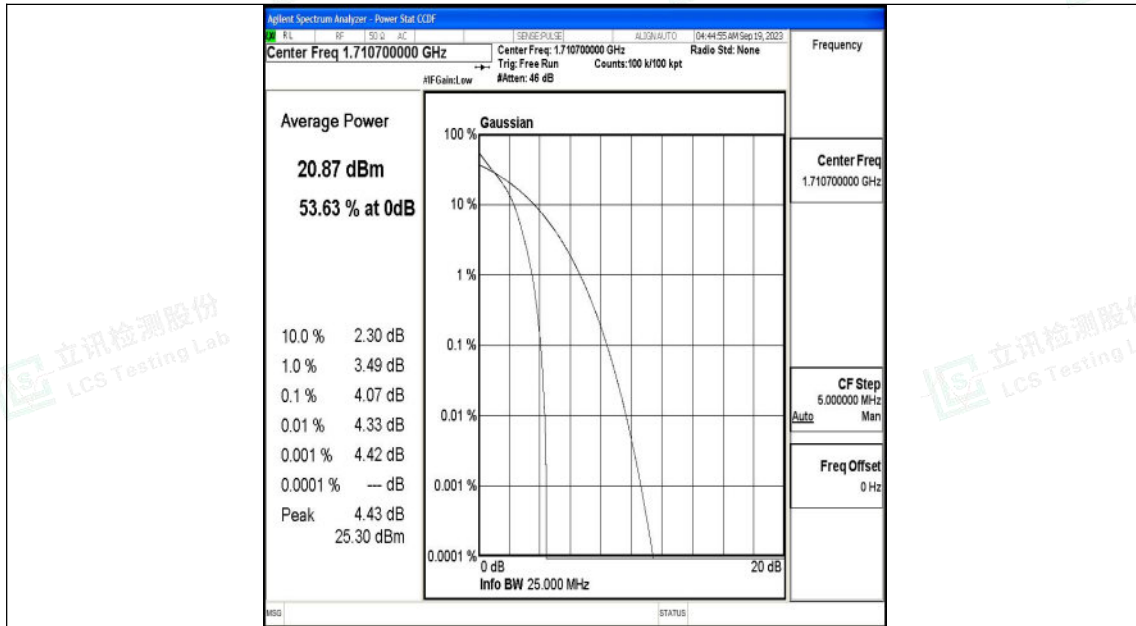
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

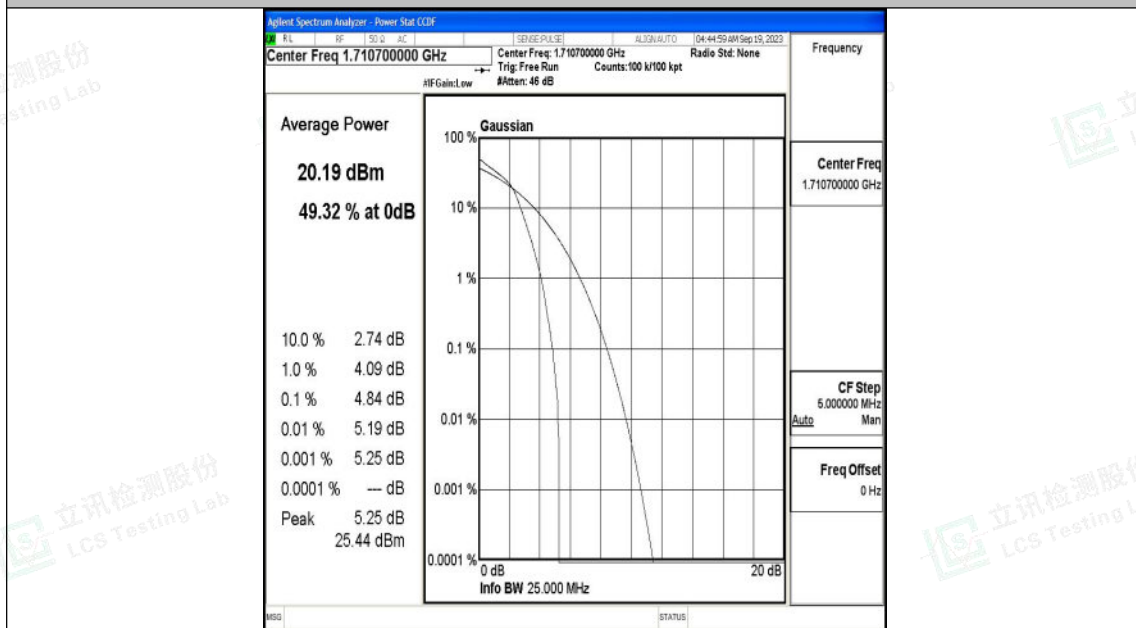
Scan code to check authenticity



### Test Graphs

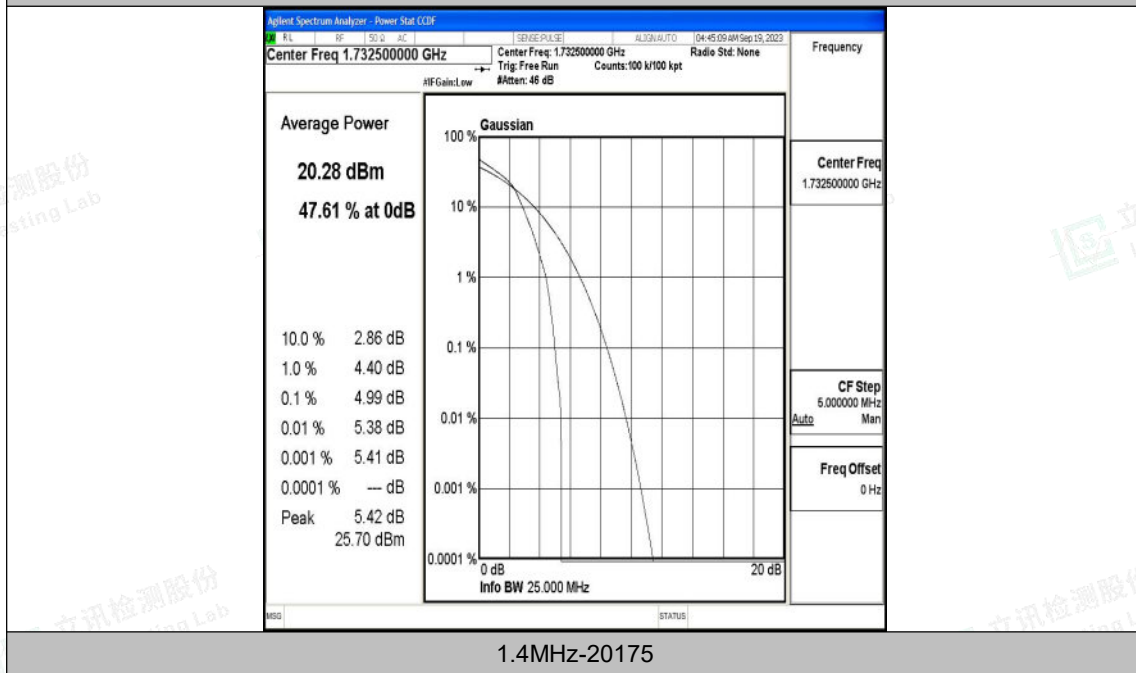
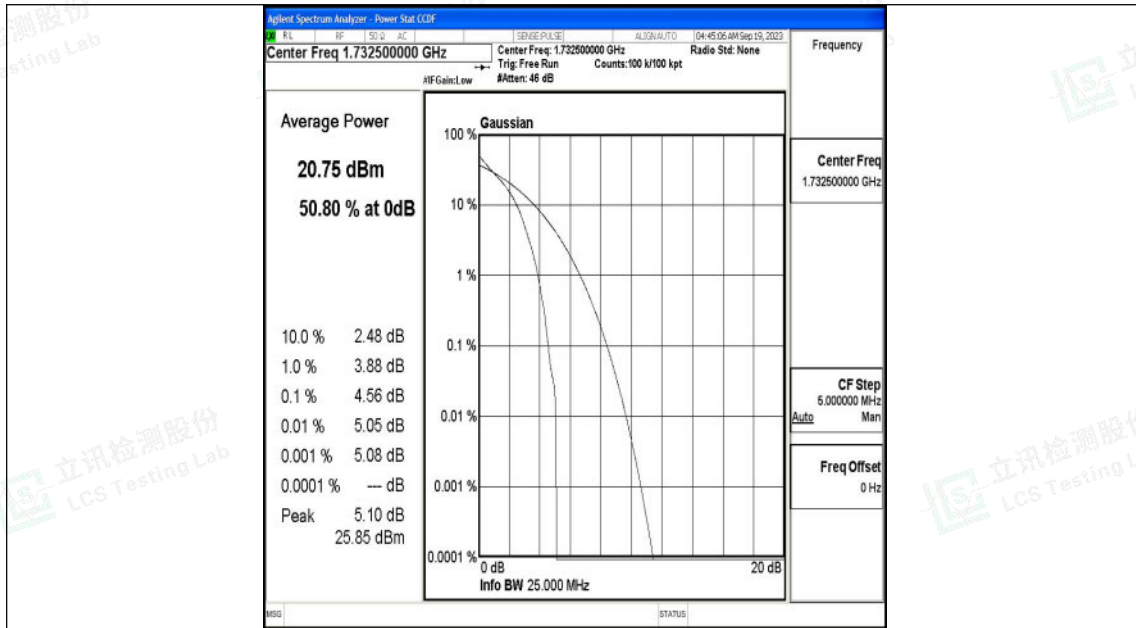


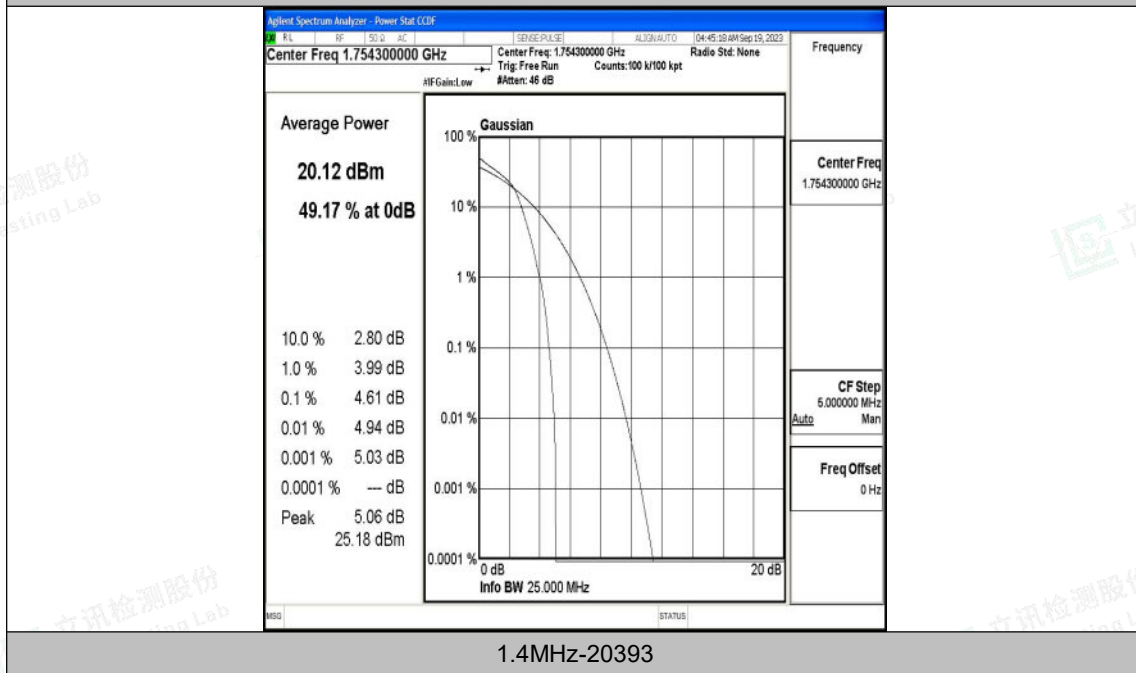
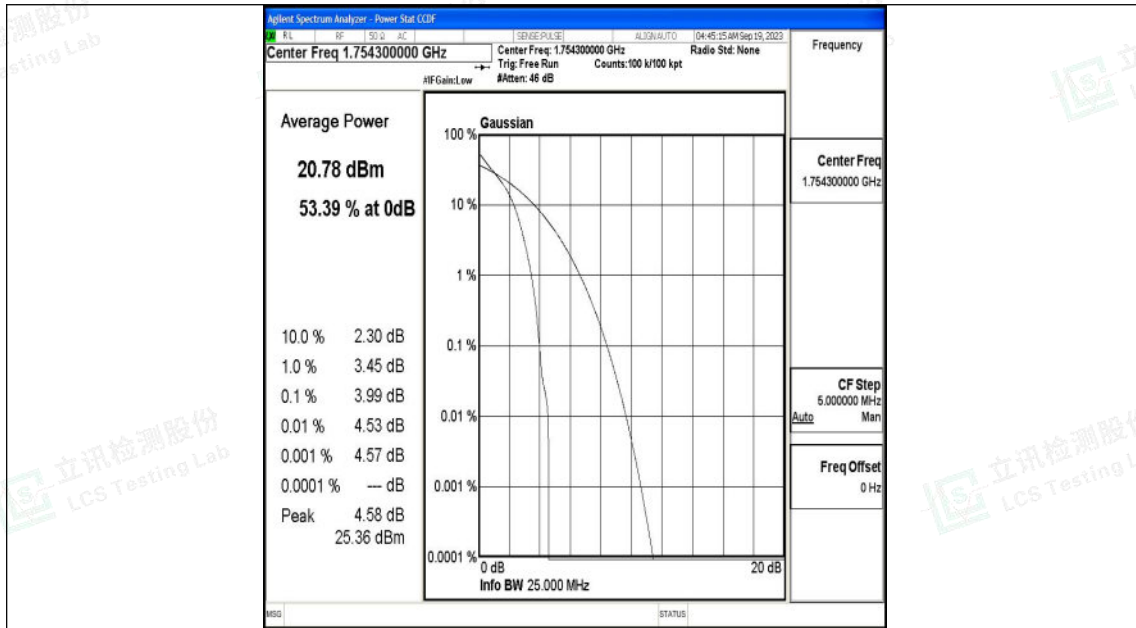
1.4MHz-19957

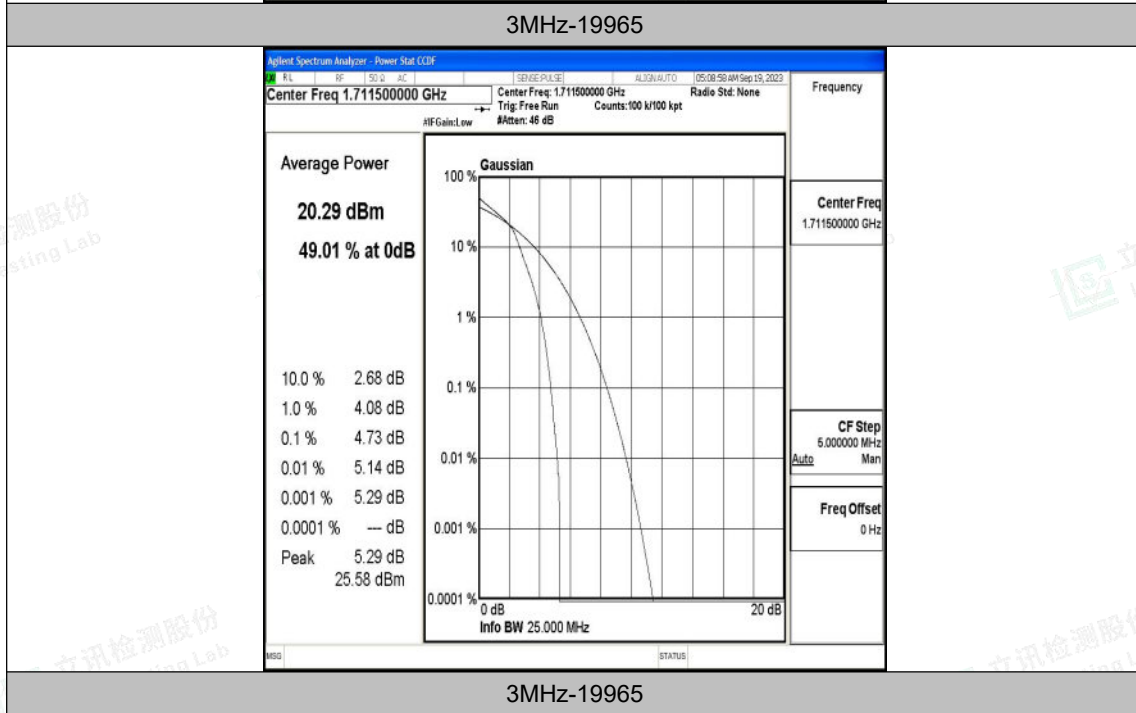
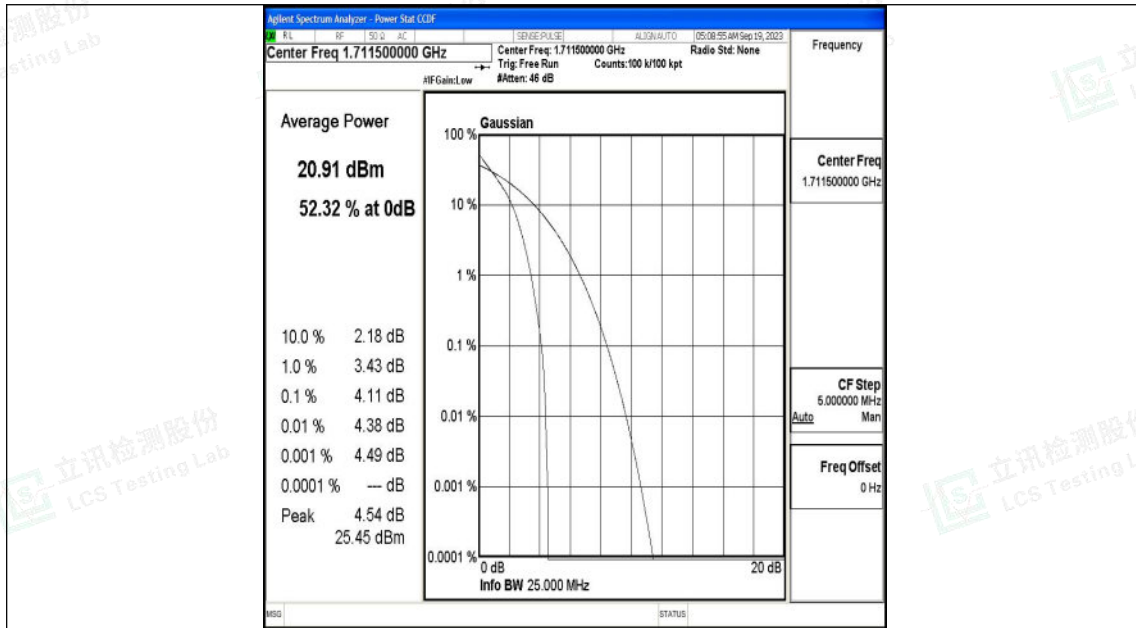


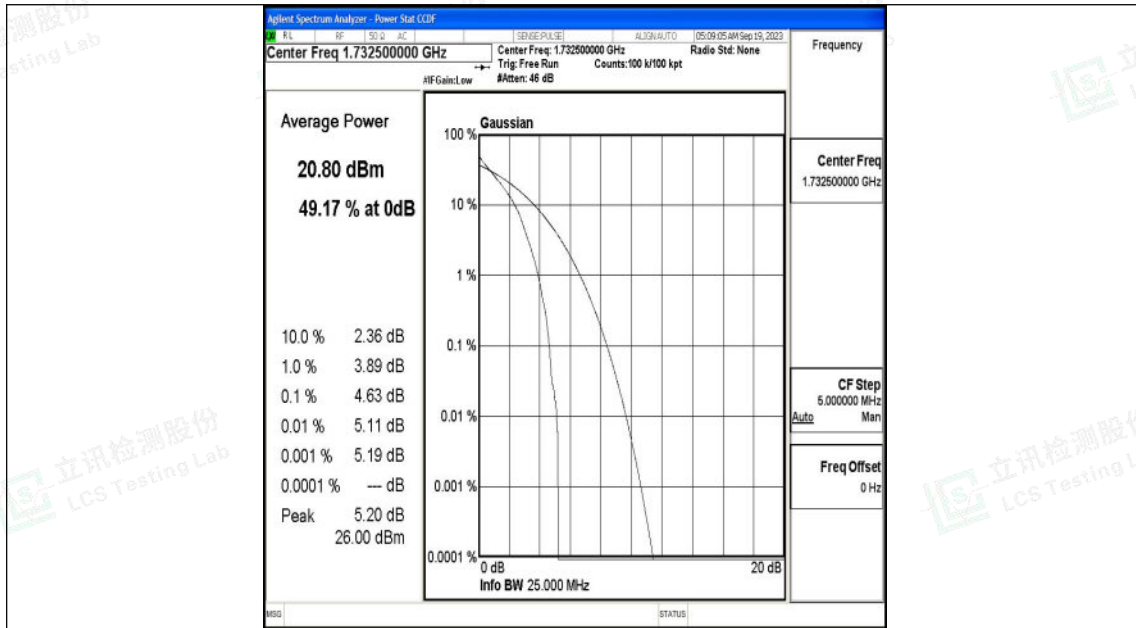
1.4MHz-19957



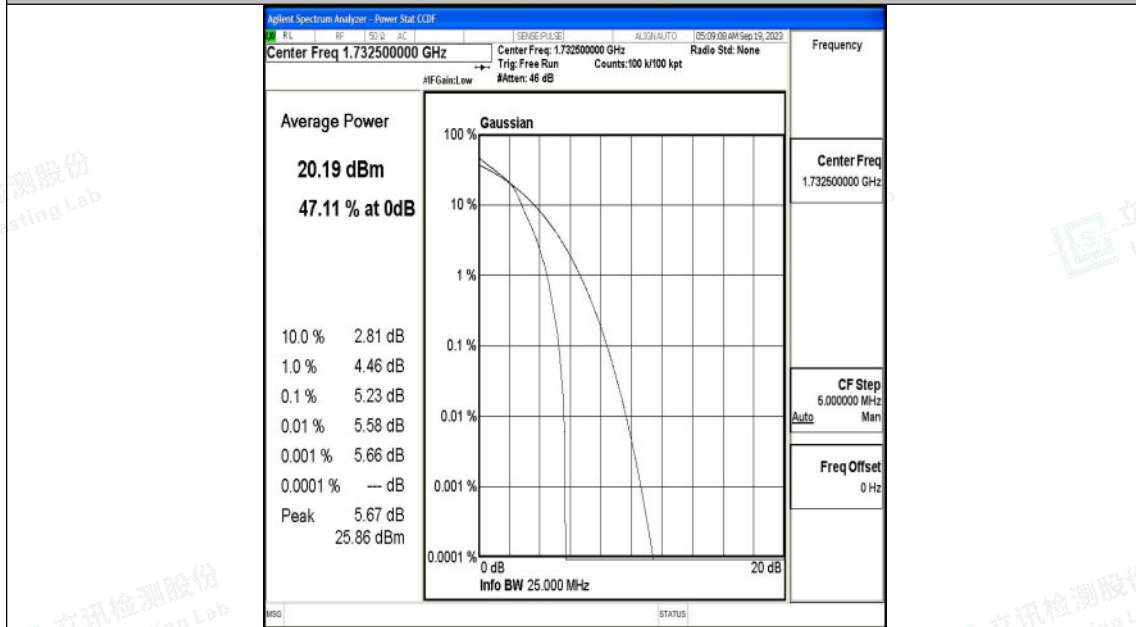






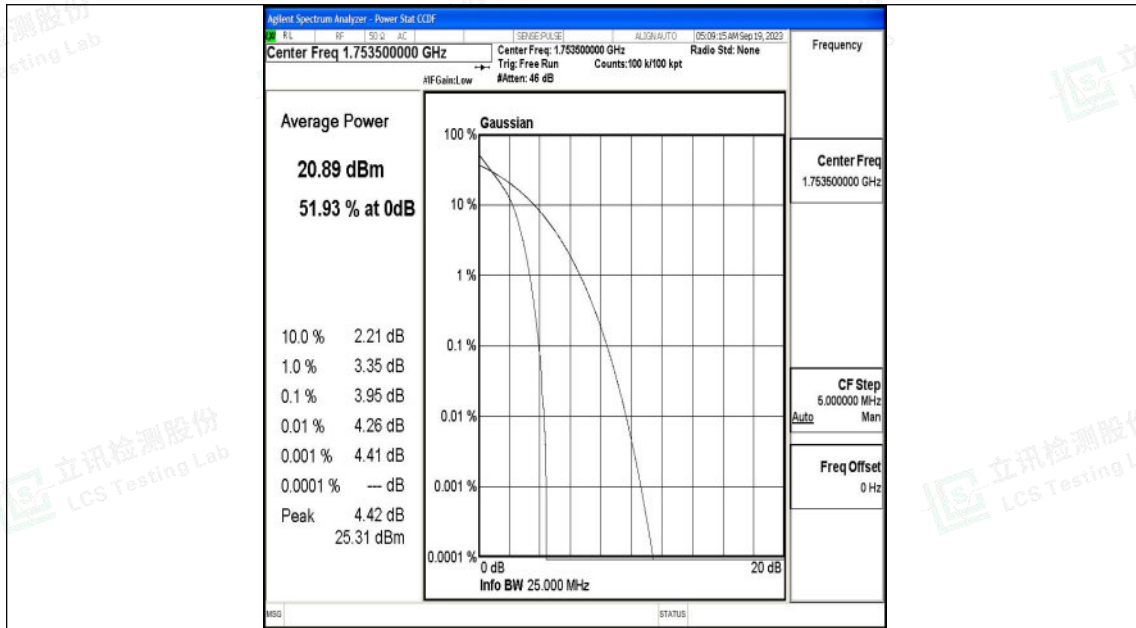


3MHz-20175

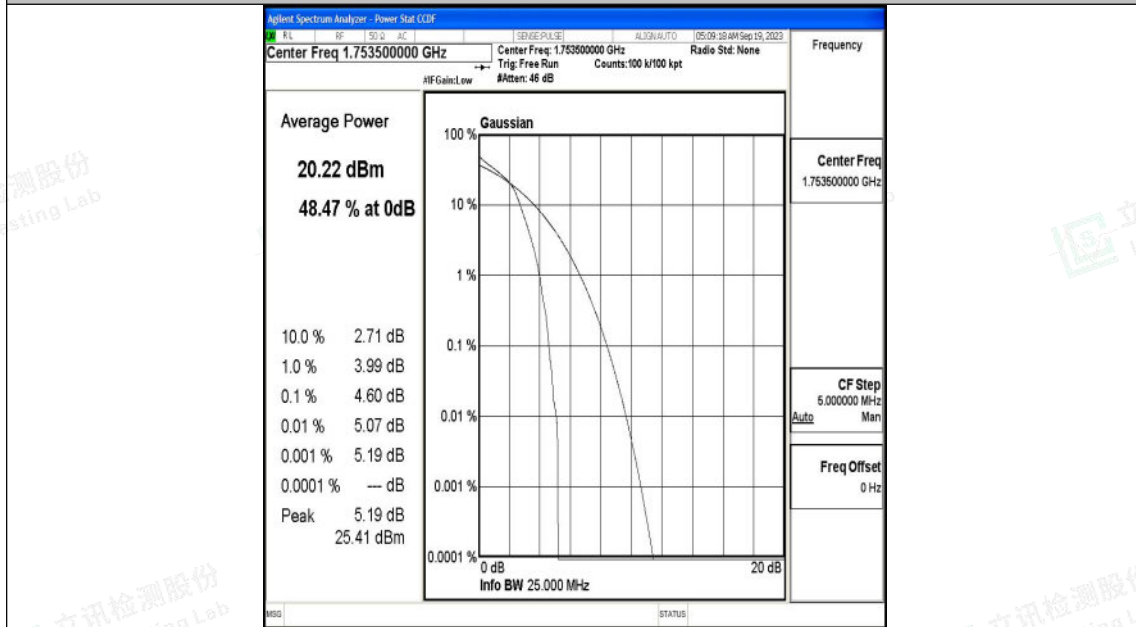


3MHz-20175



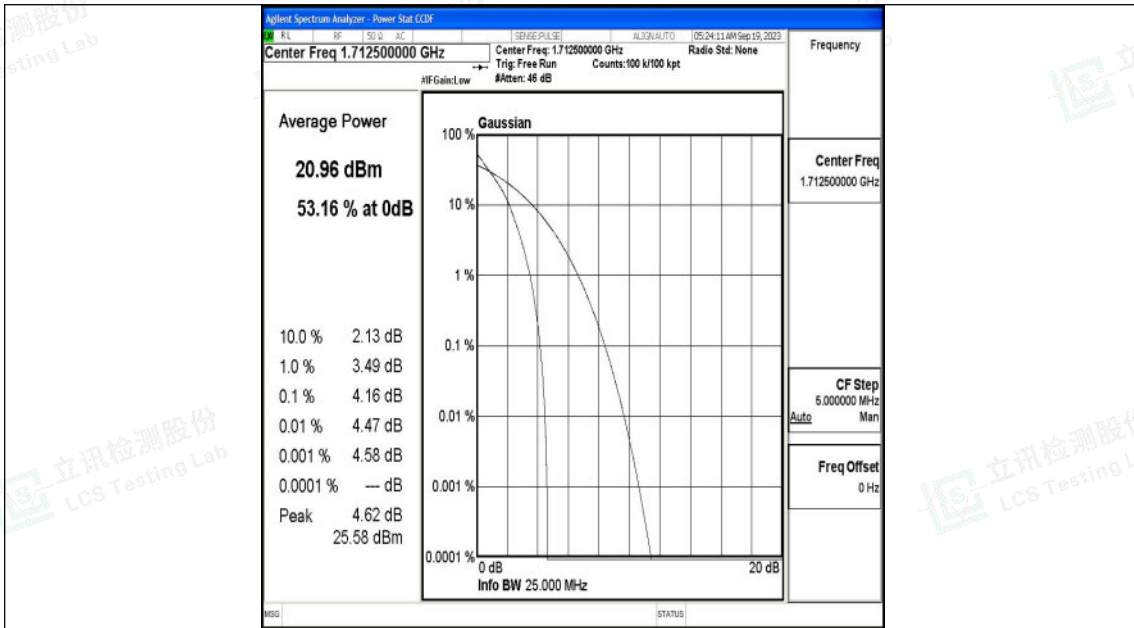


3MHz-20385

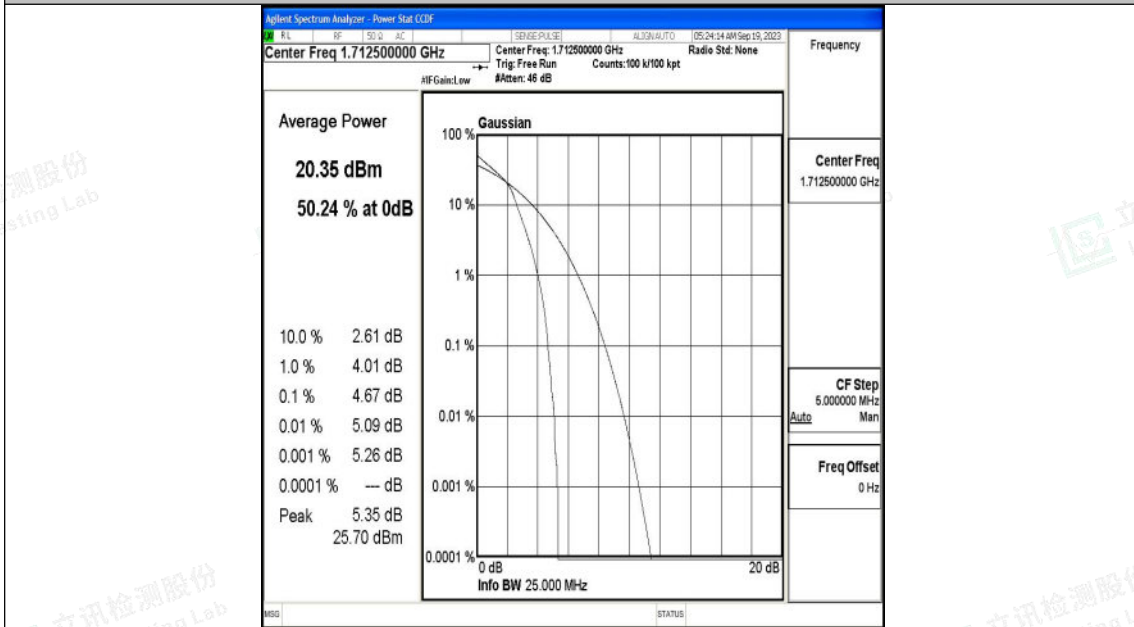


3MHz-20385





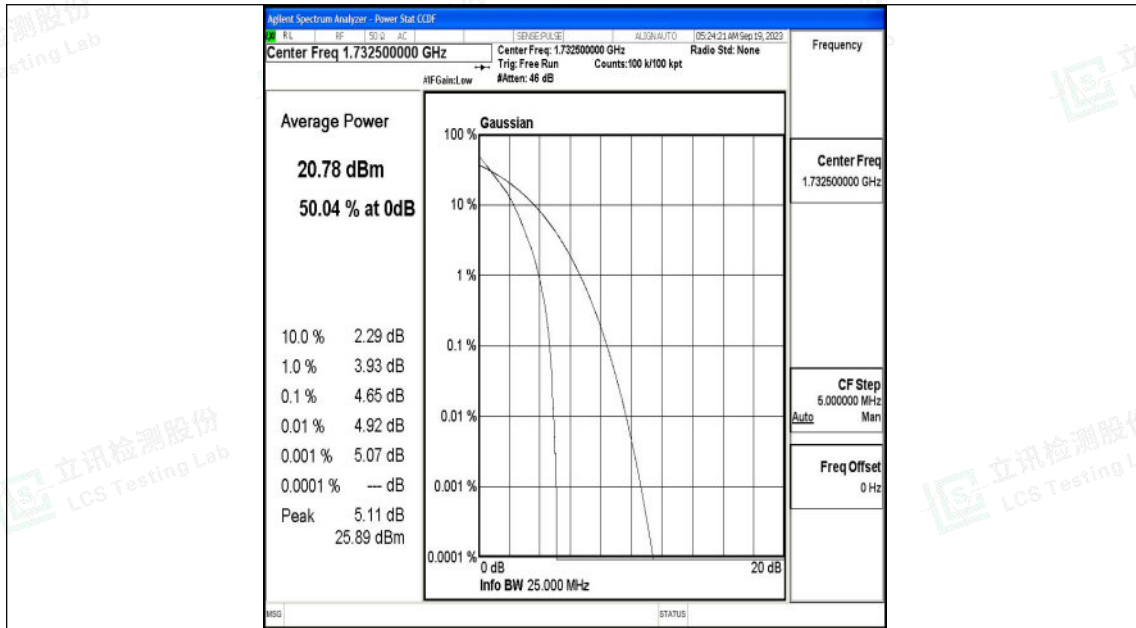
5MHz-19975



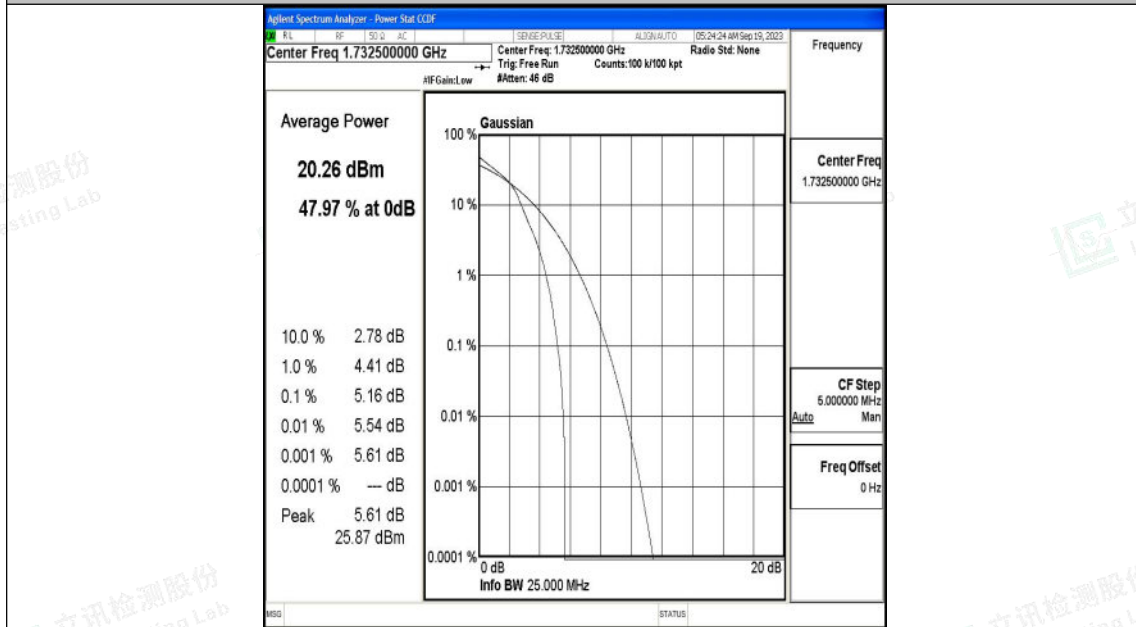
5MHz-19975





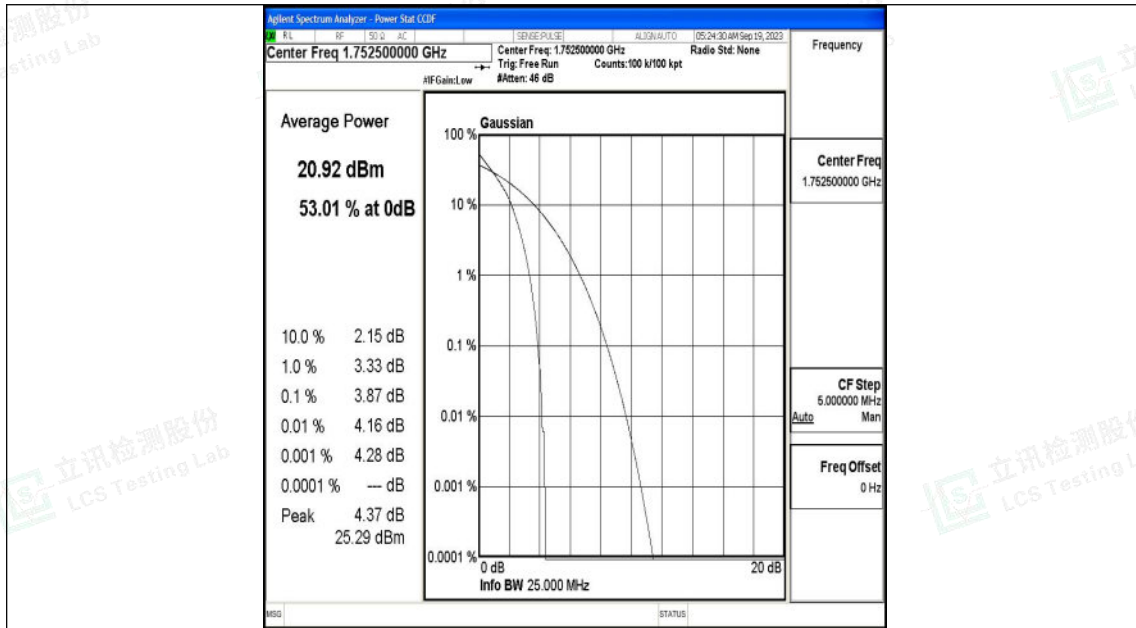


5MHz-20175

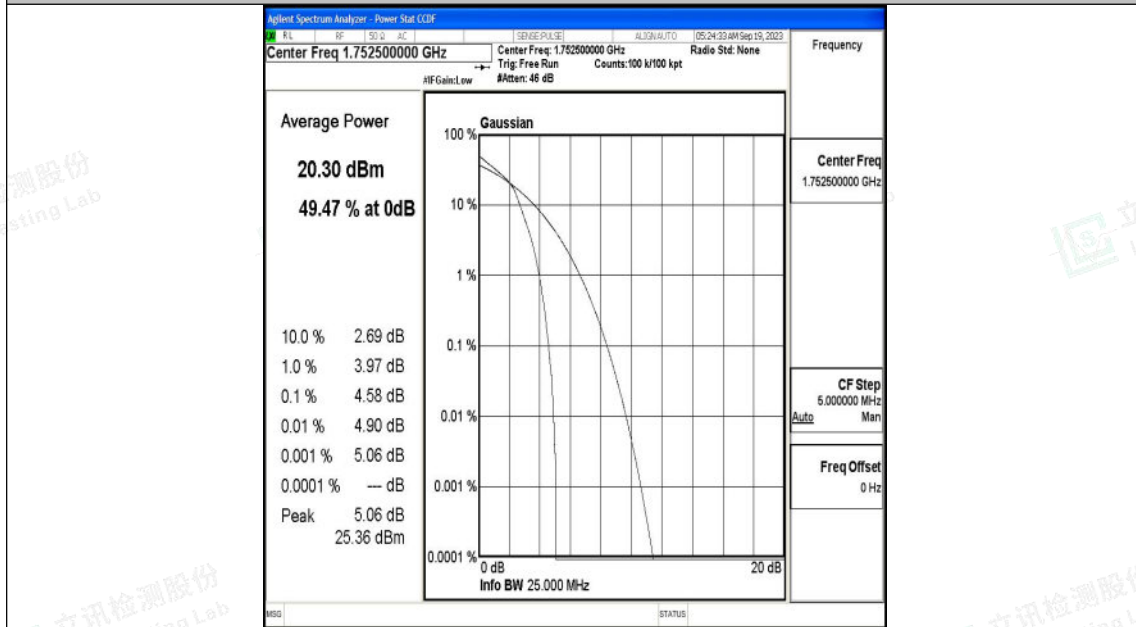


5MHz-20175



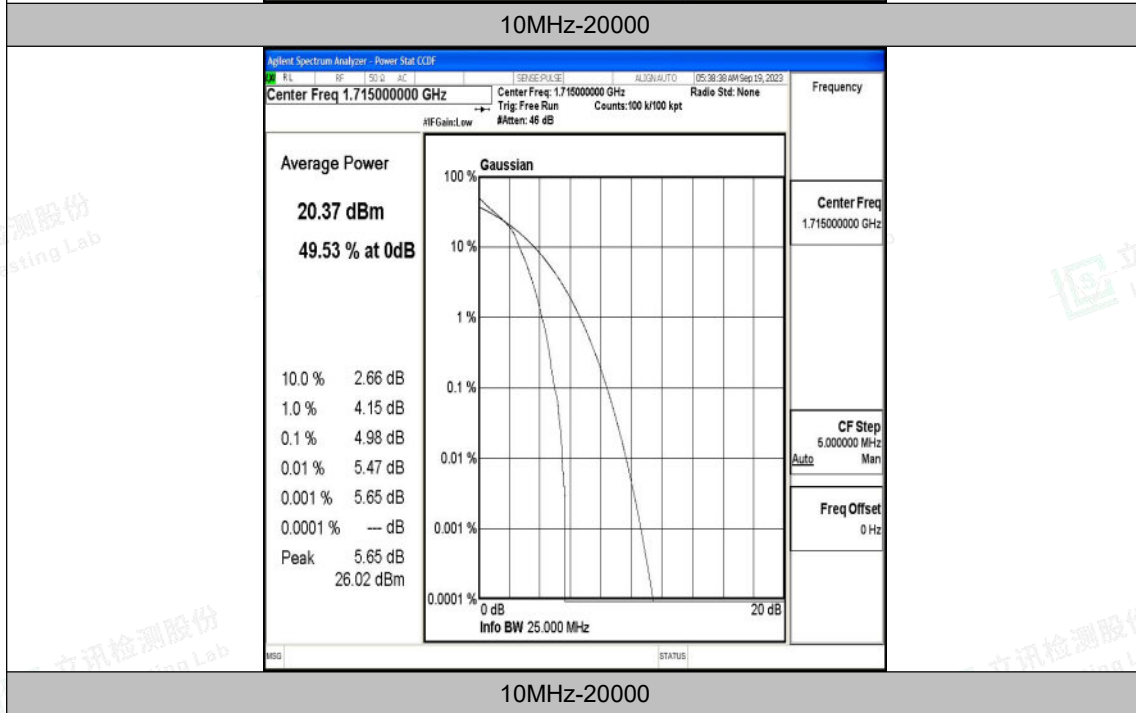
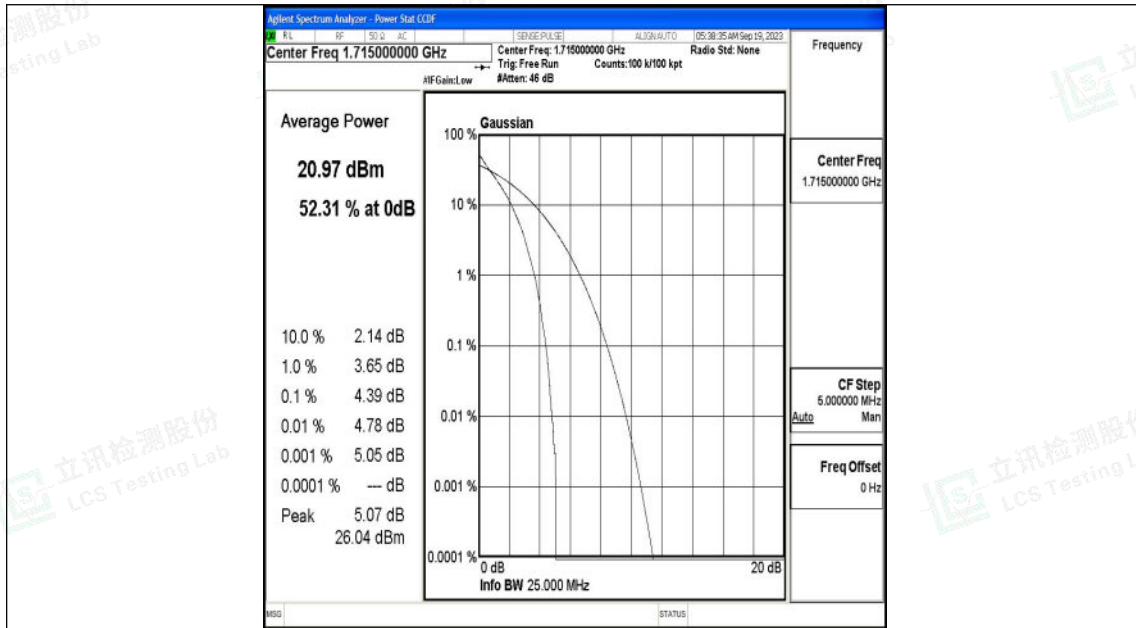


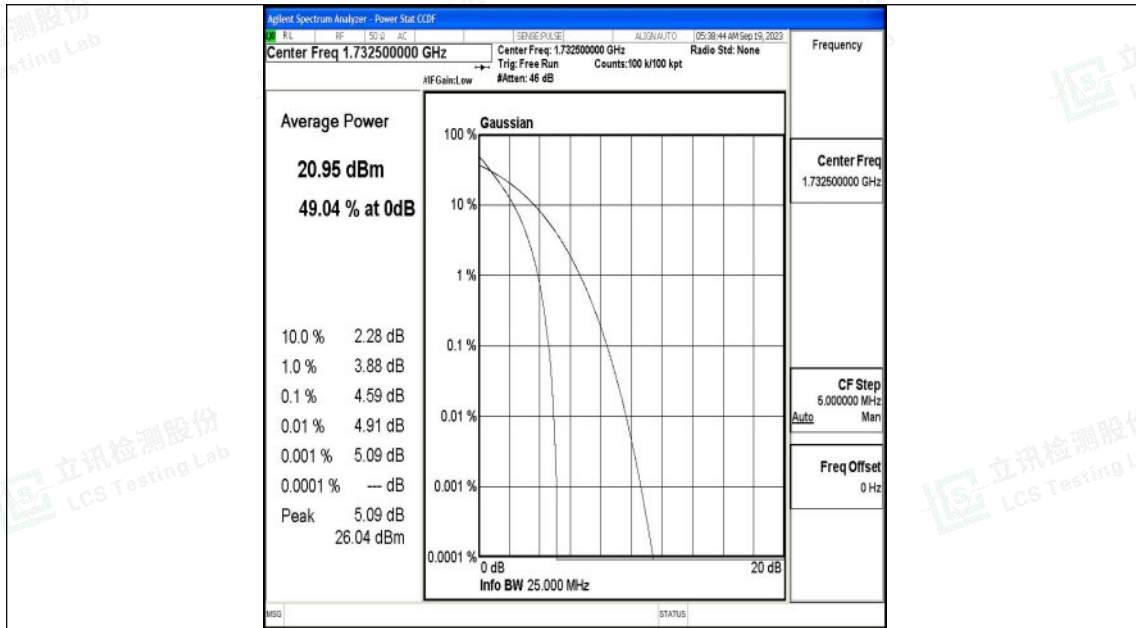
5MHz-20375



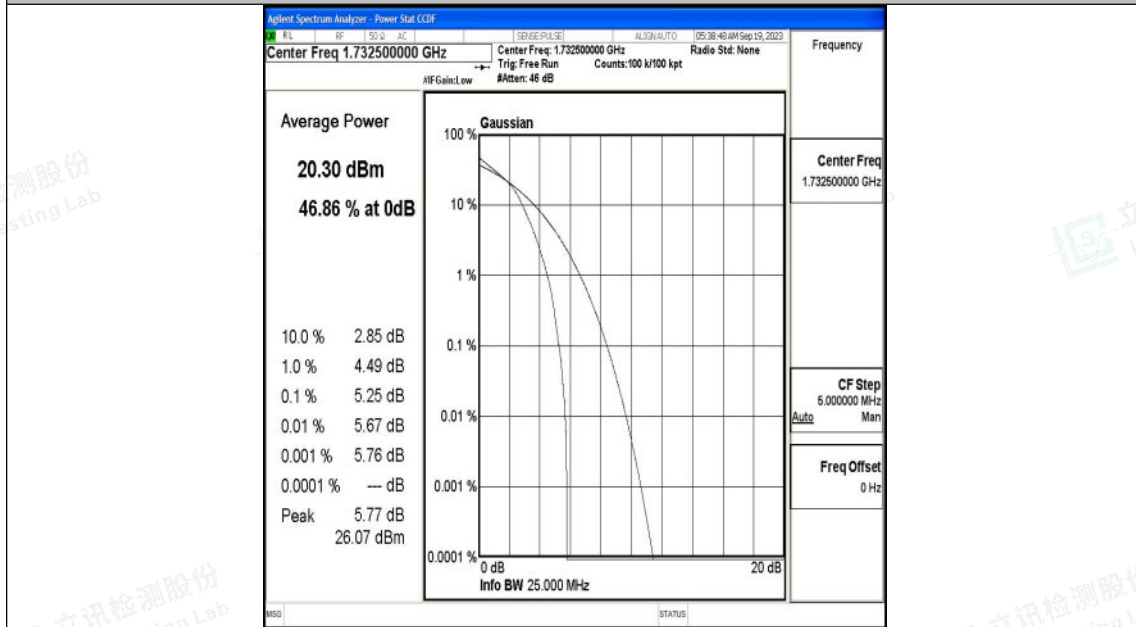
5MHz-20375





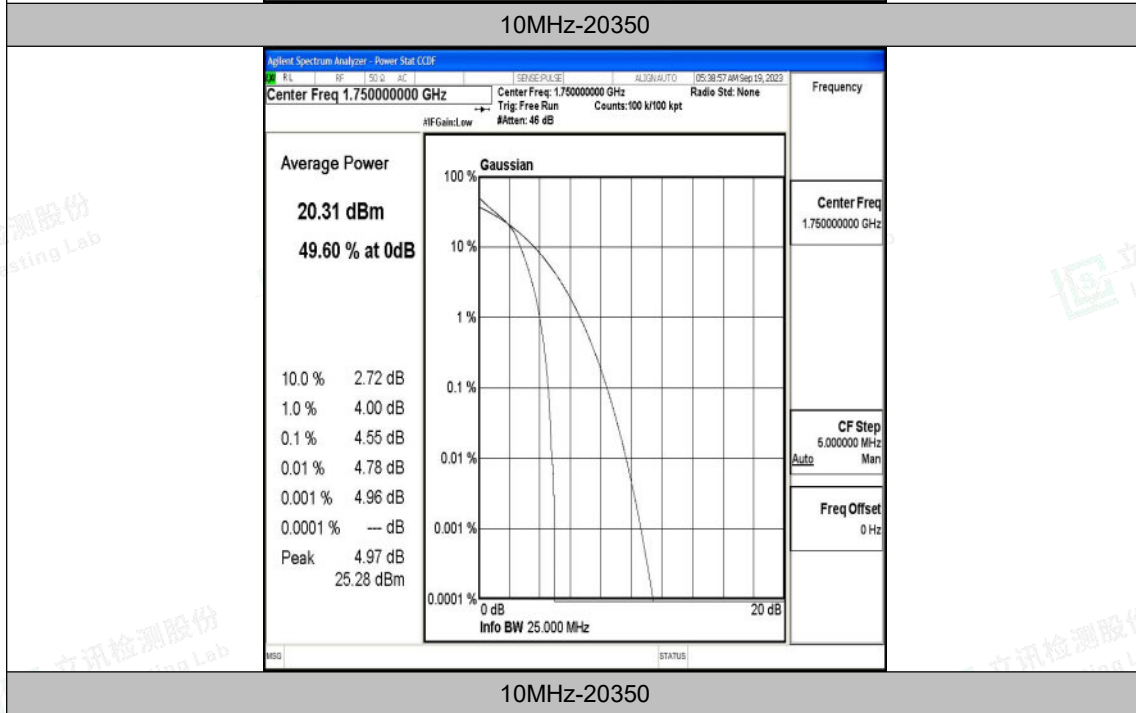
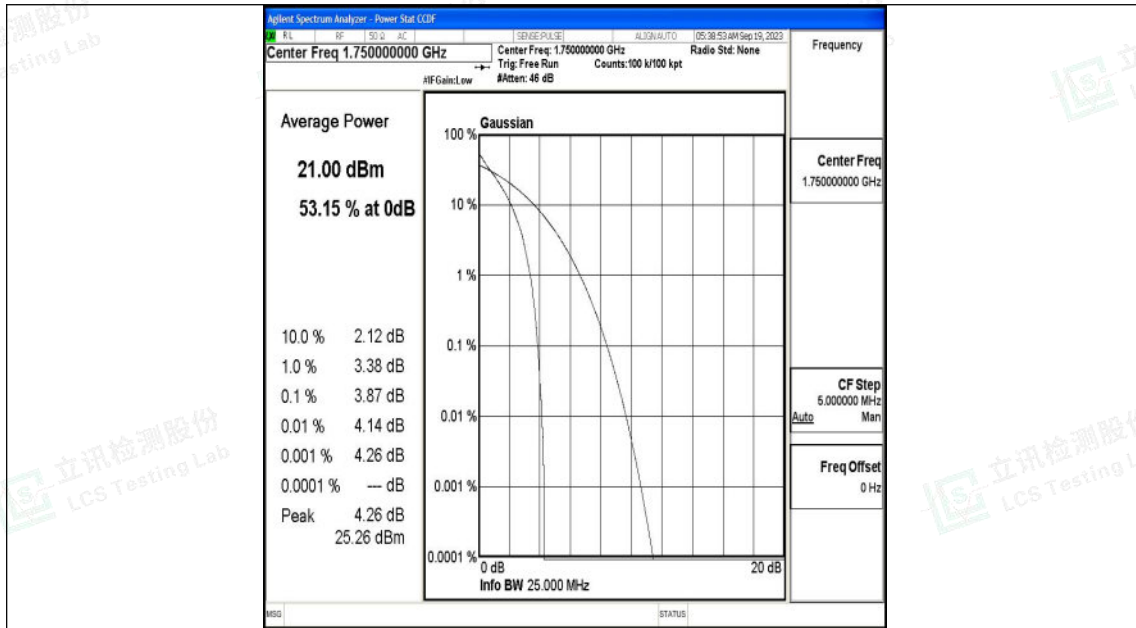


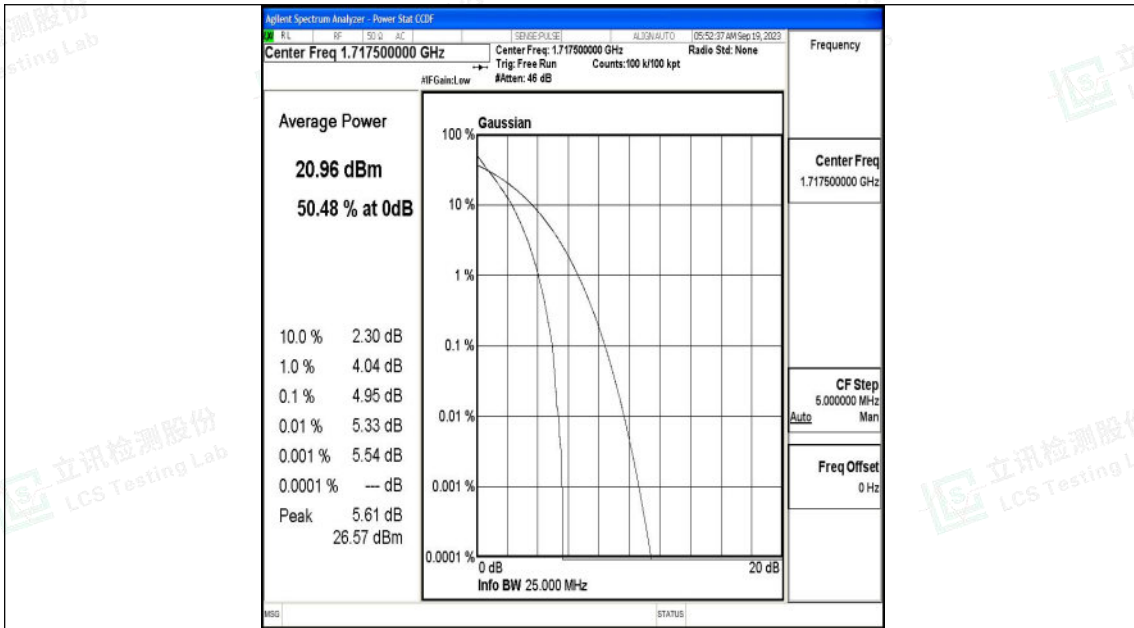
10MHz-20175



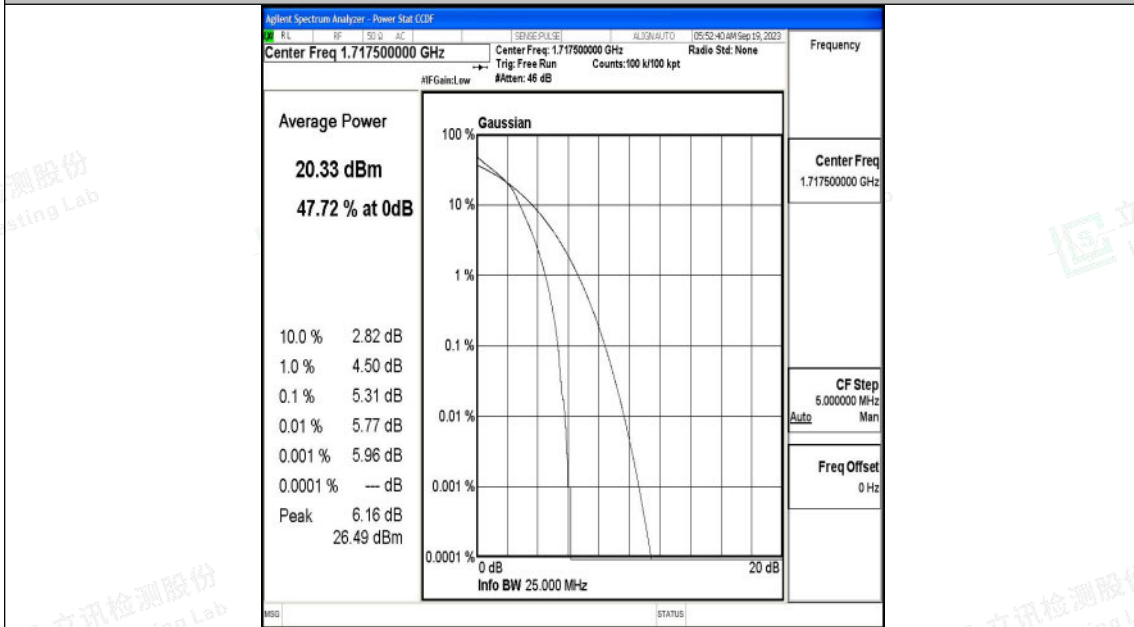
10MHz-20175





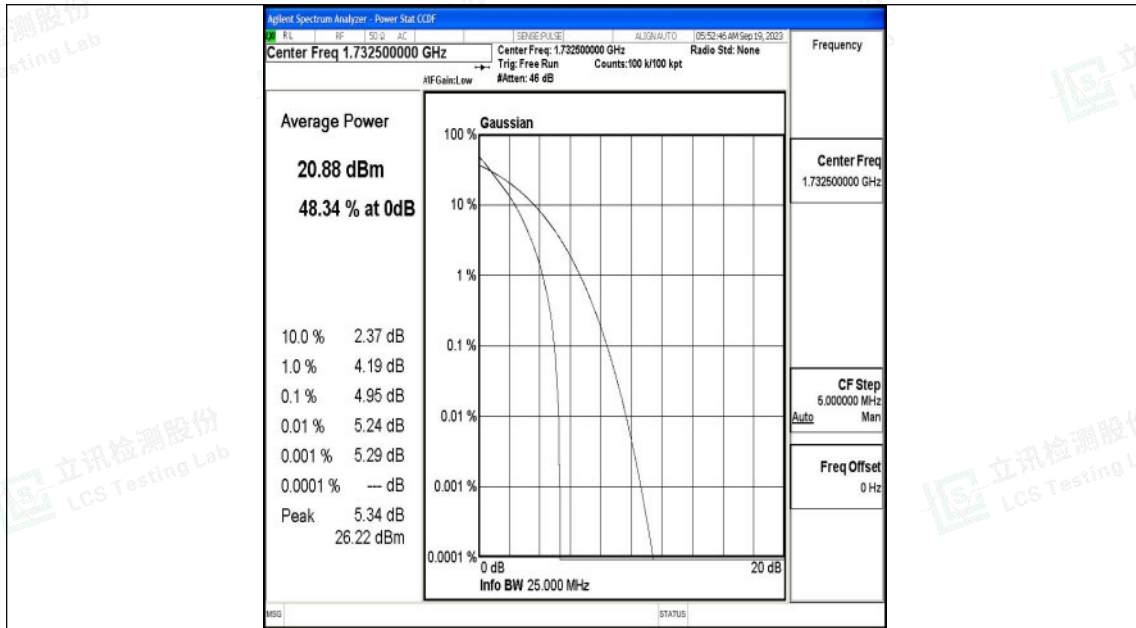


15MHz-20025

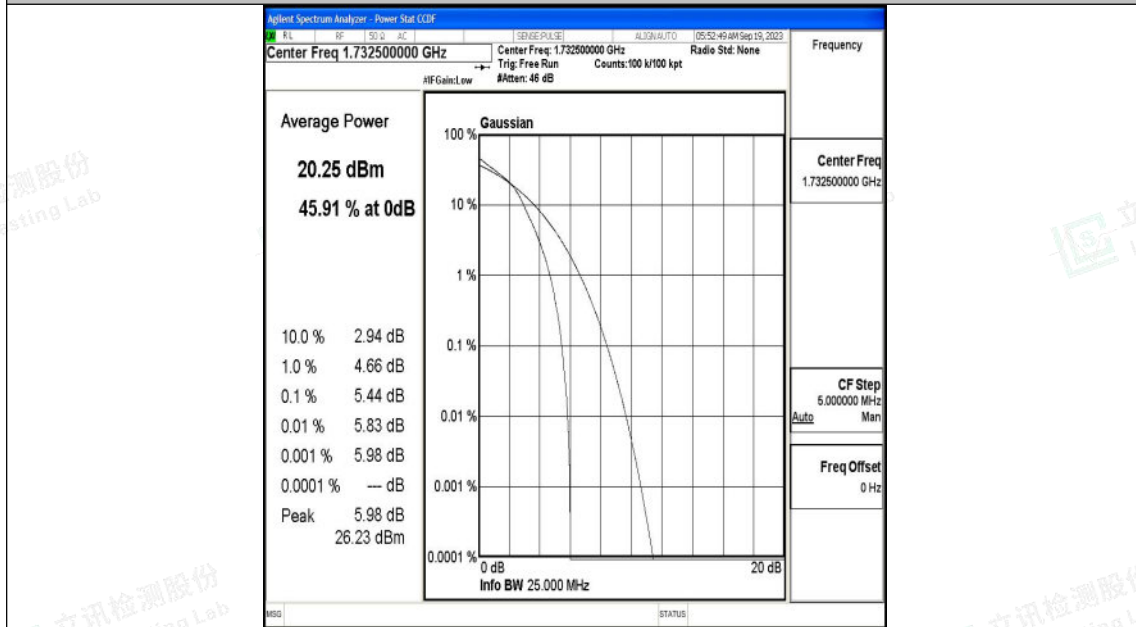


15MHz-20025



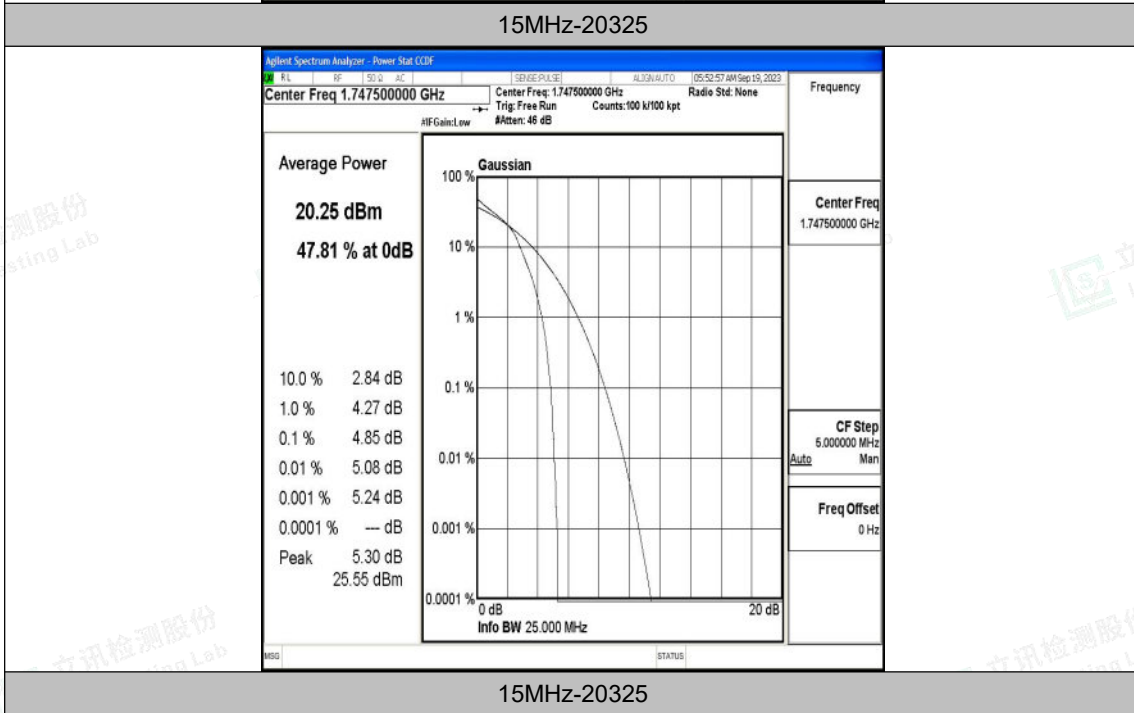
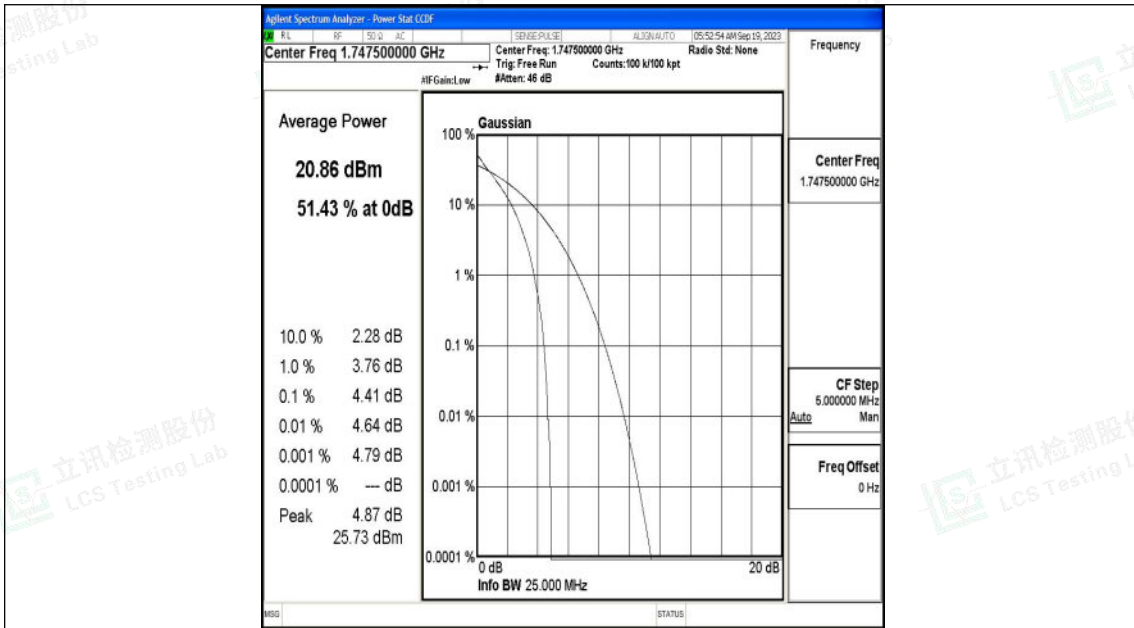


15MHz-20175

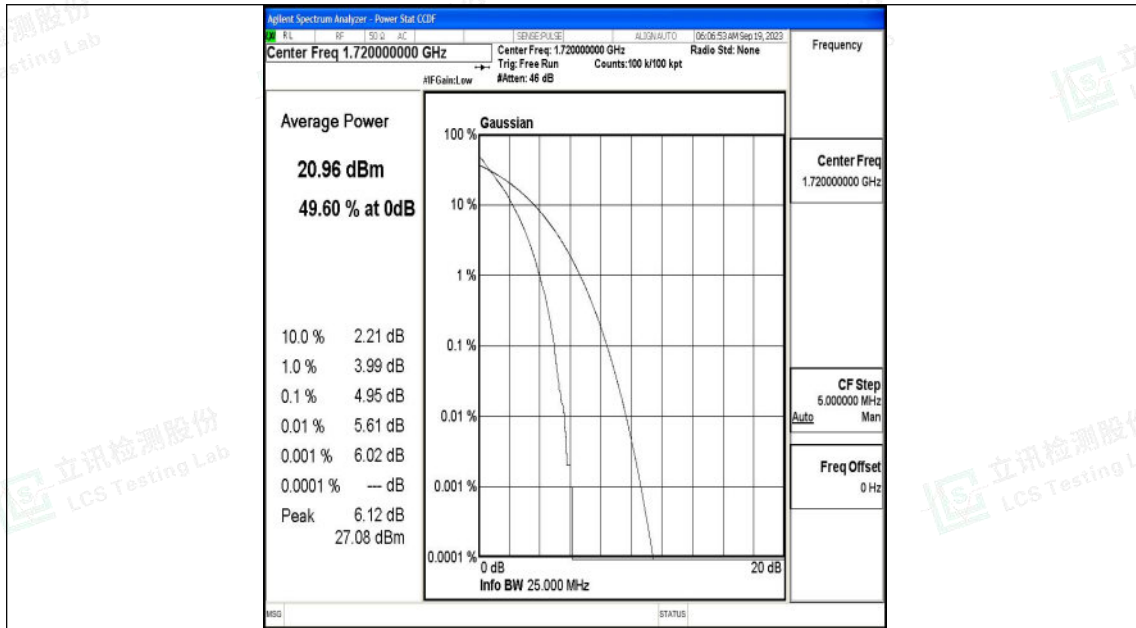


15MHz-20175

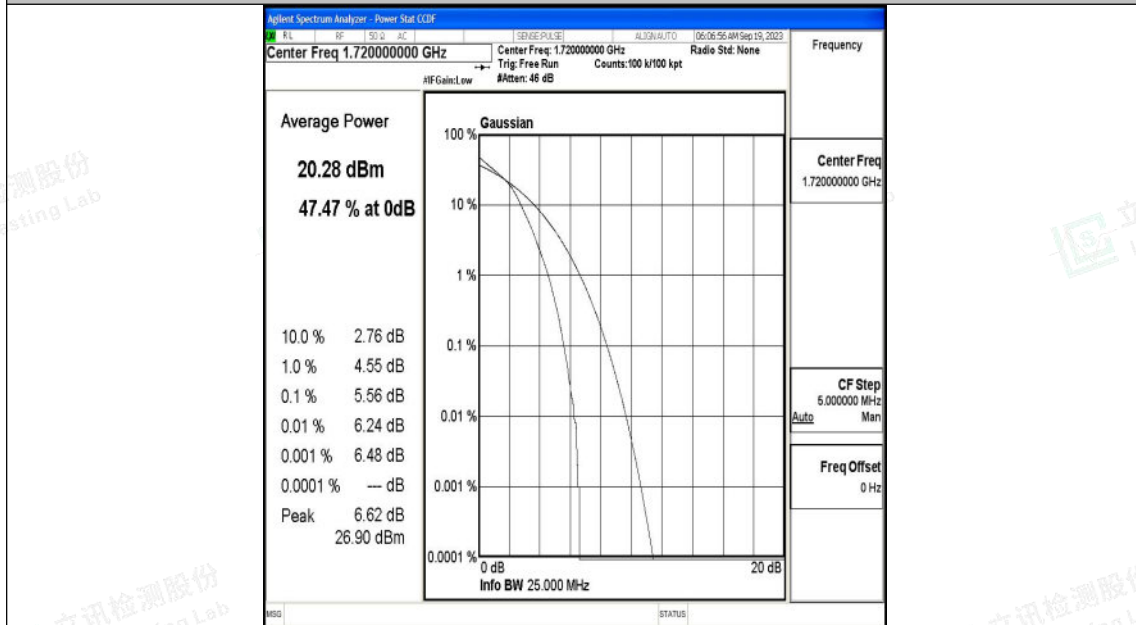






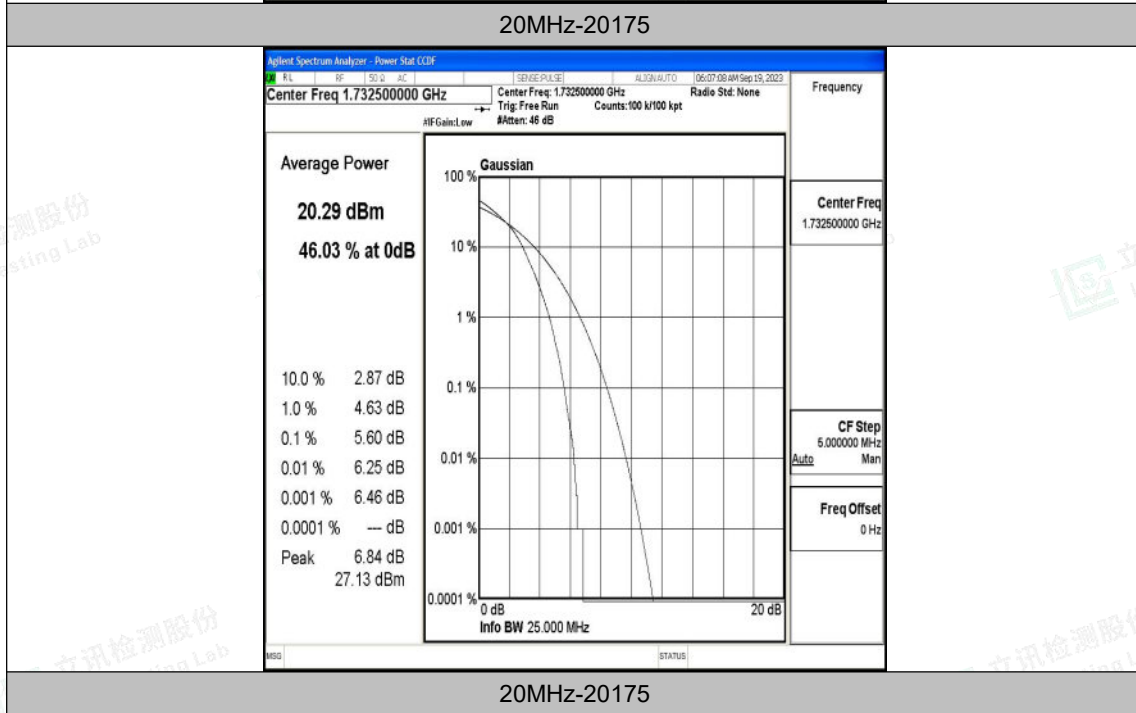
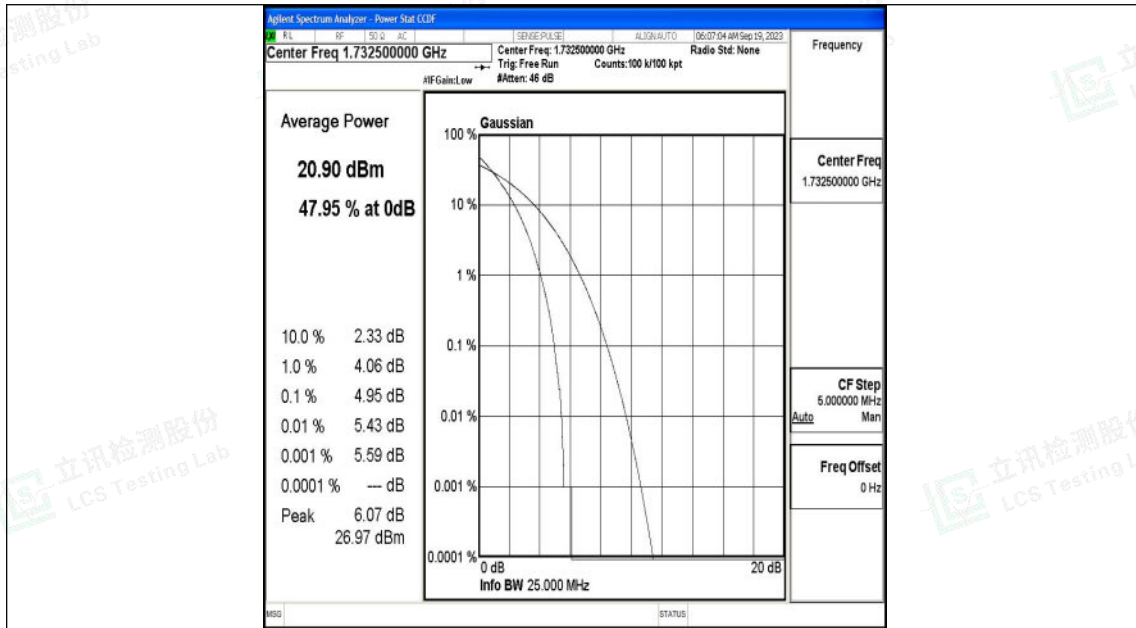


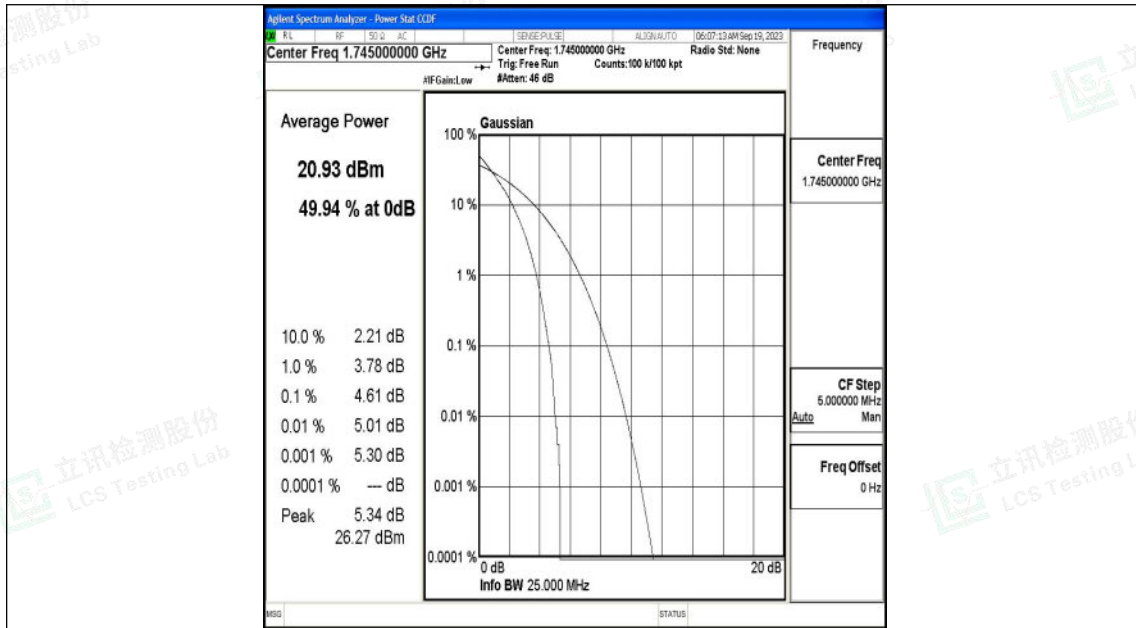
20MHz-20050



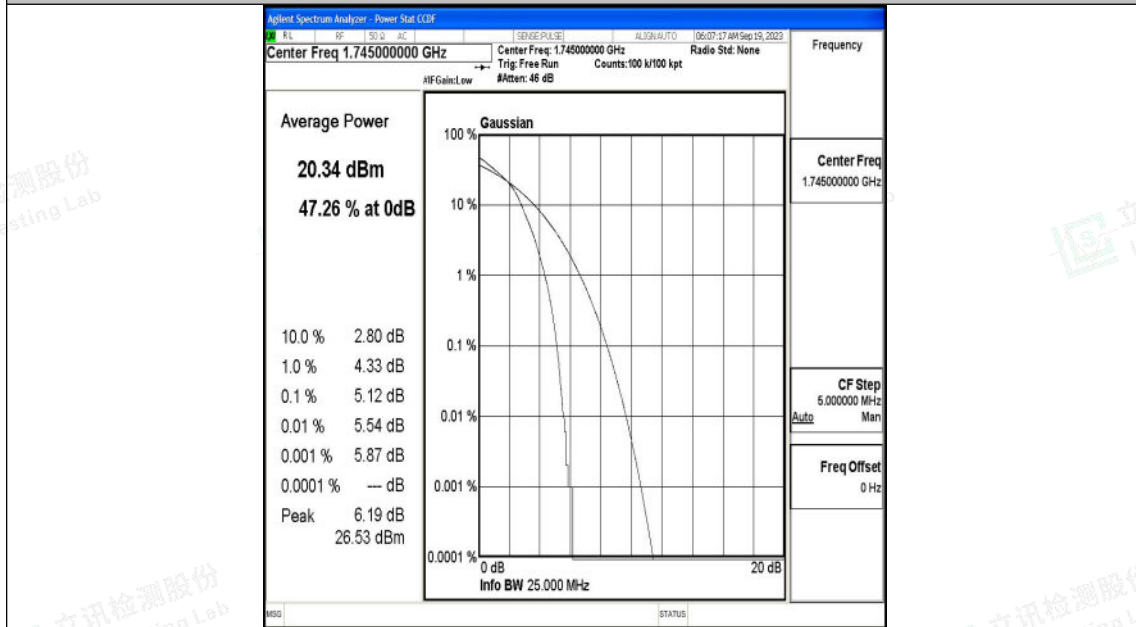
20MHz-20050







20MHz-20300



20MHz-20300





## B.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	1.0968	1.461	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1071	1.374	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0925	1.351	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1099	1.362	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0968	1.385	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1076	1.239	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7111	3.211	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7240	3.142	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7069	3.231	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7102	3.093	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7198	3.306	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7238	3.069	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5379	5.481	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5340	5.437	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5355	5.363	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5313	5.142	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5274	5.352	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5325	5.285	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0089	10.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9907	10.33	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0025	10.07	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9960	9.983	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0127	10.47	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0203	10.87	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.505	15.73	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.505	14.98	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.523	15.37	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.532	15.05	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.533	15.50	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.531	15.32	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.021	20.17	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.048	20.13	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.034	19.83	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.047	20.25	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



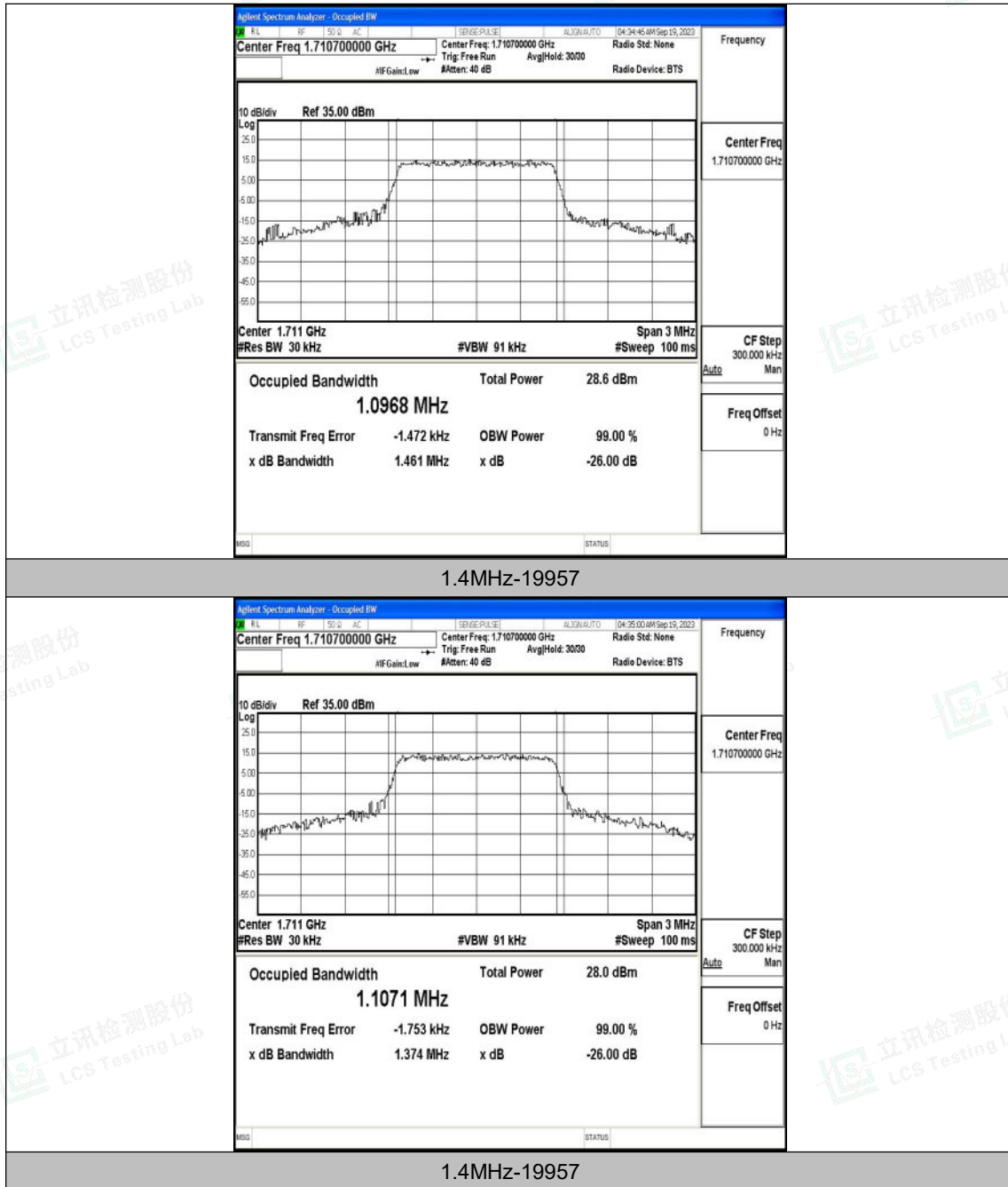
Band4	20MHz	QPSK	20300	100RB#0	18.045	20.28	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.054	20.50	PASS

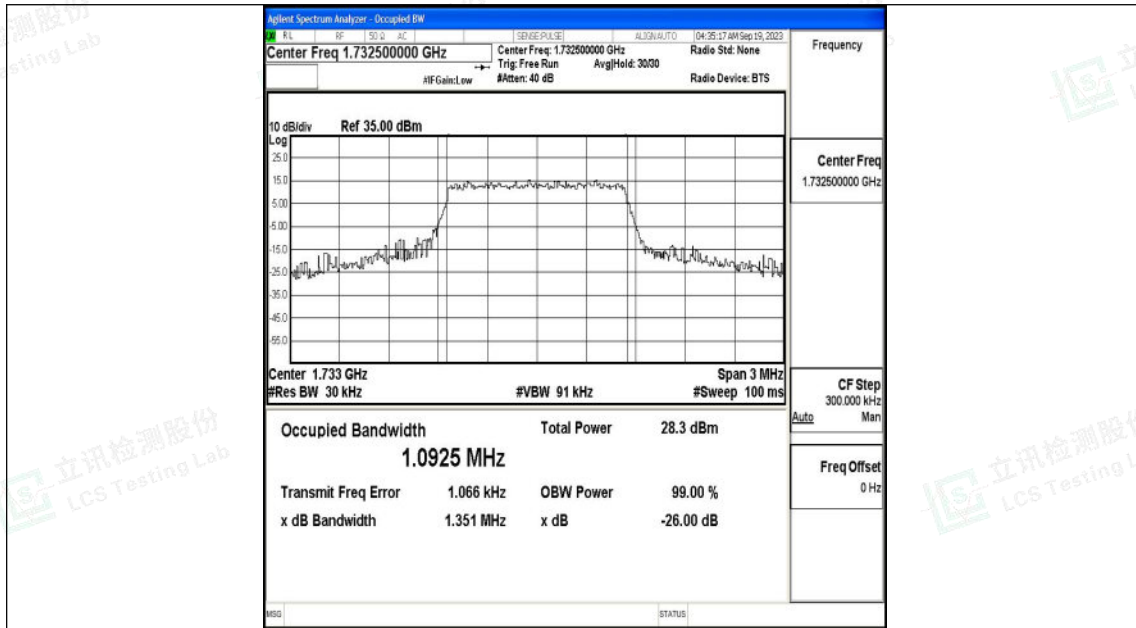


Shenzhen LCS Compliance Testing Laboratory Ltd.  
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

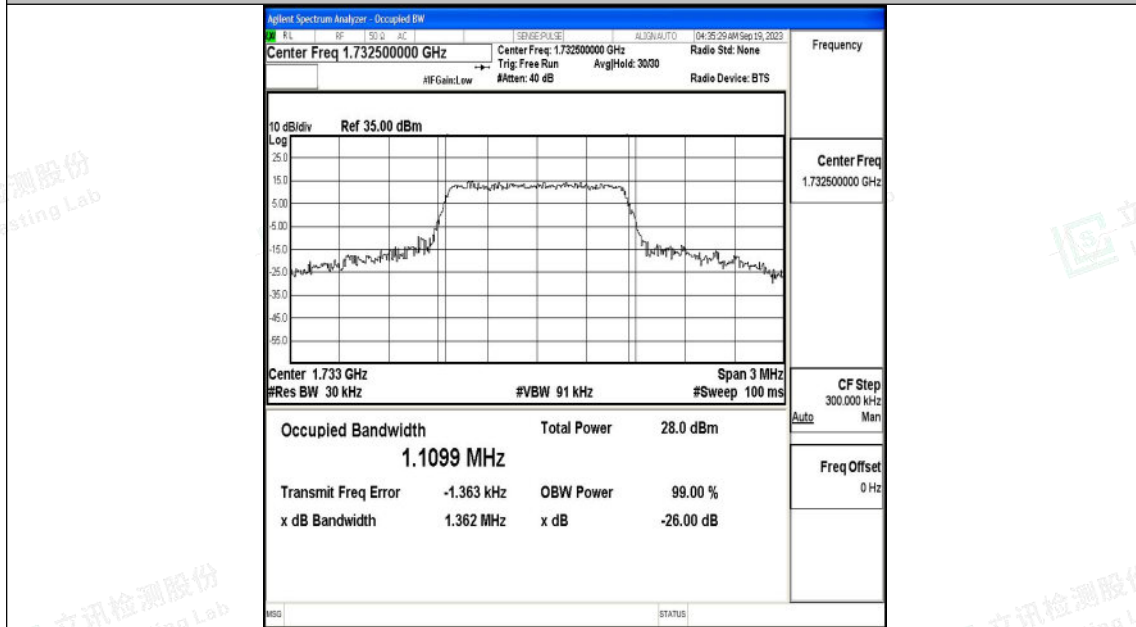


### Test Graphs



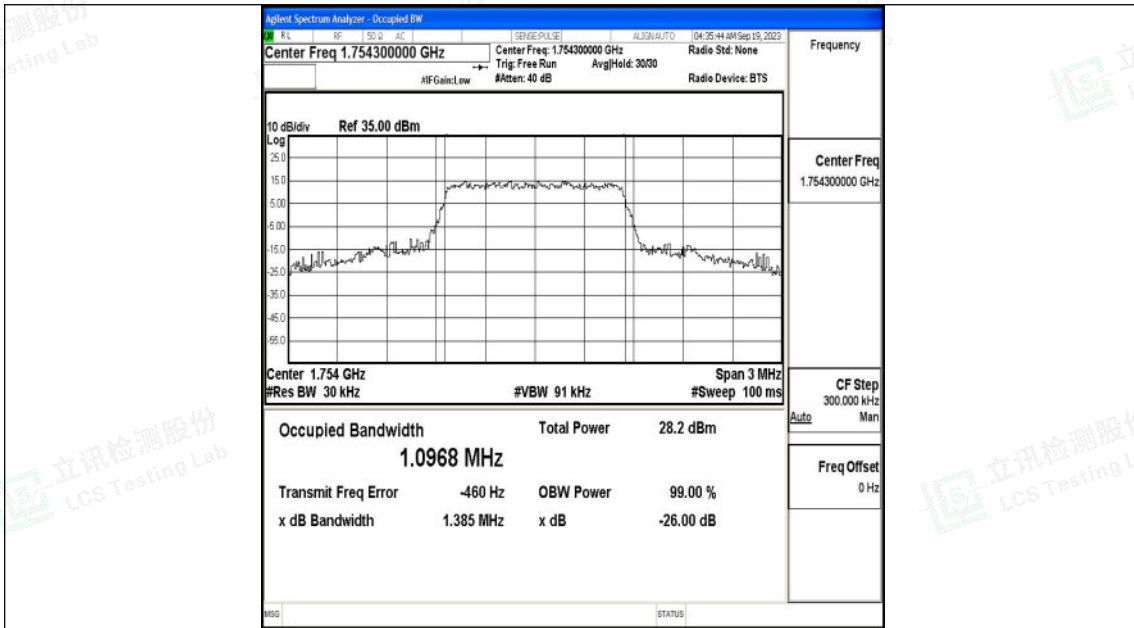


1.4MHz-20175

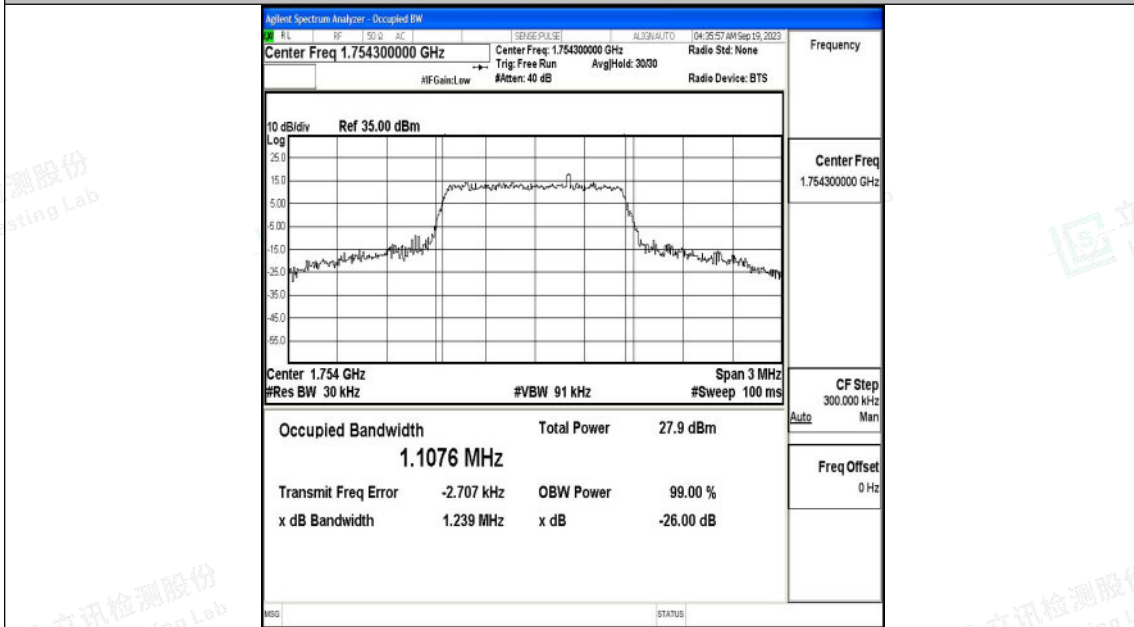


1.4MHz-20175





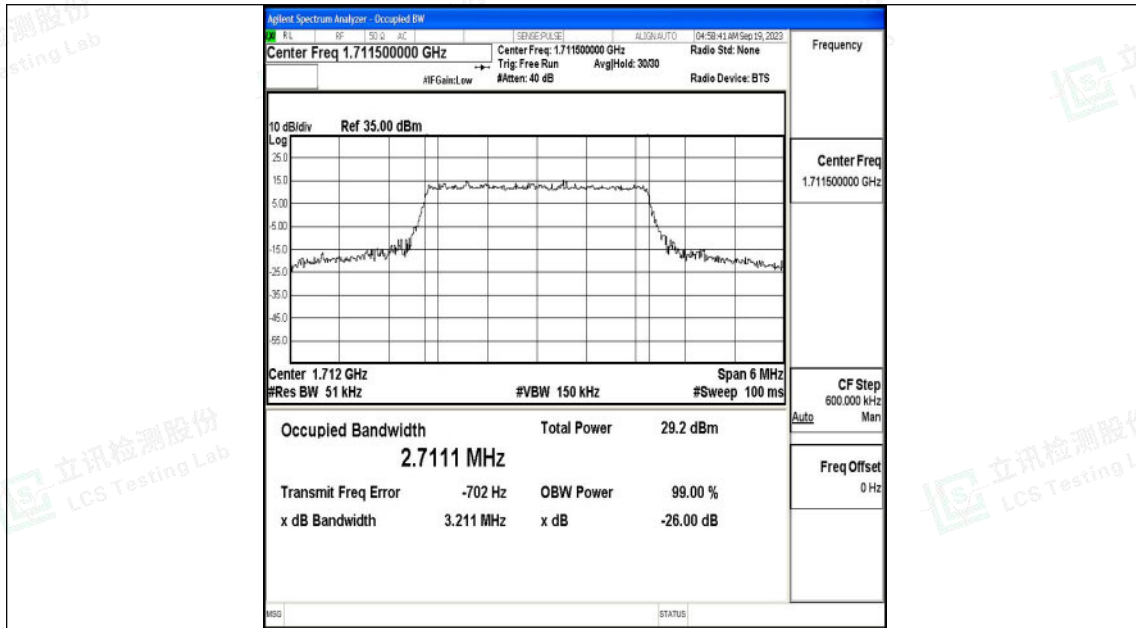
1.4MHz-20393



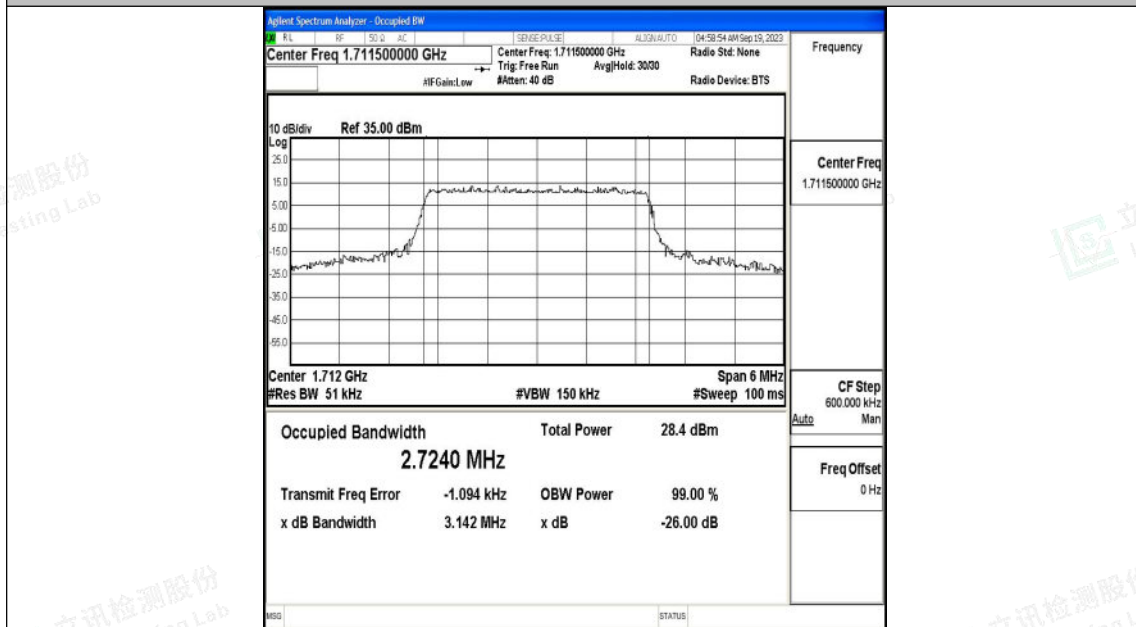
1.4MHz-20393





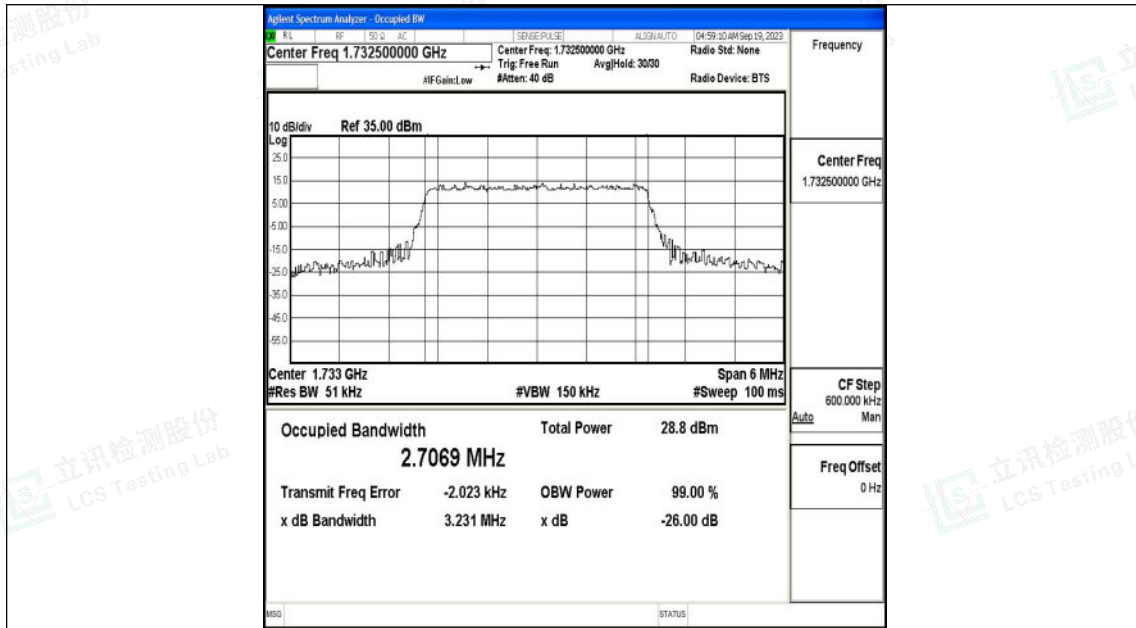


3MHz-19965

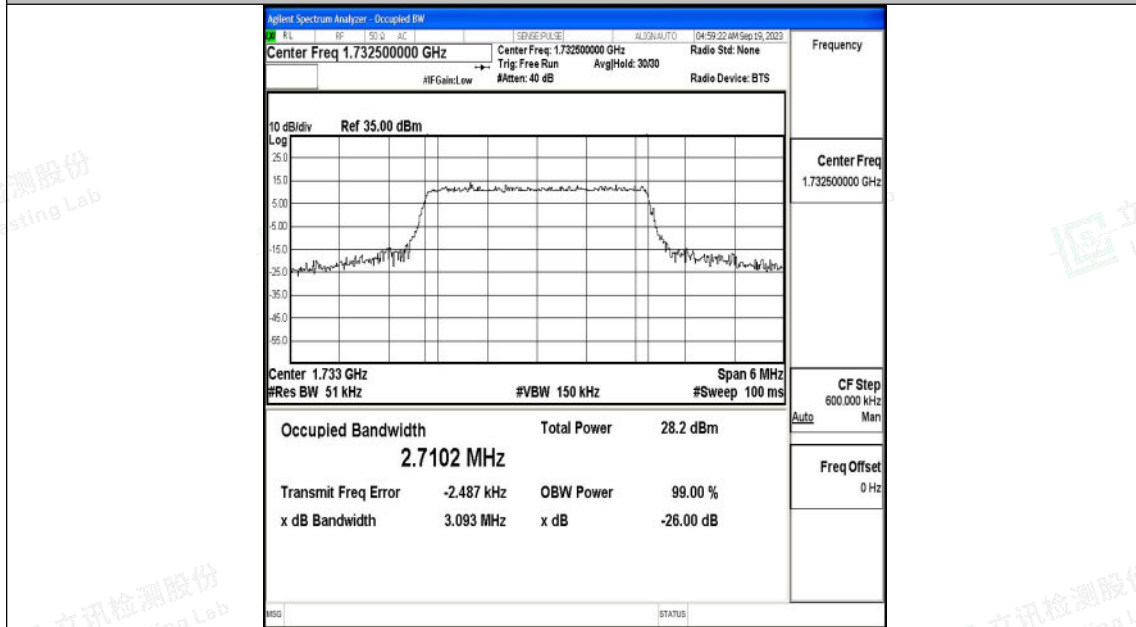


3MHz-19965



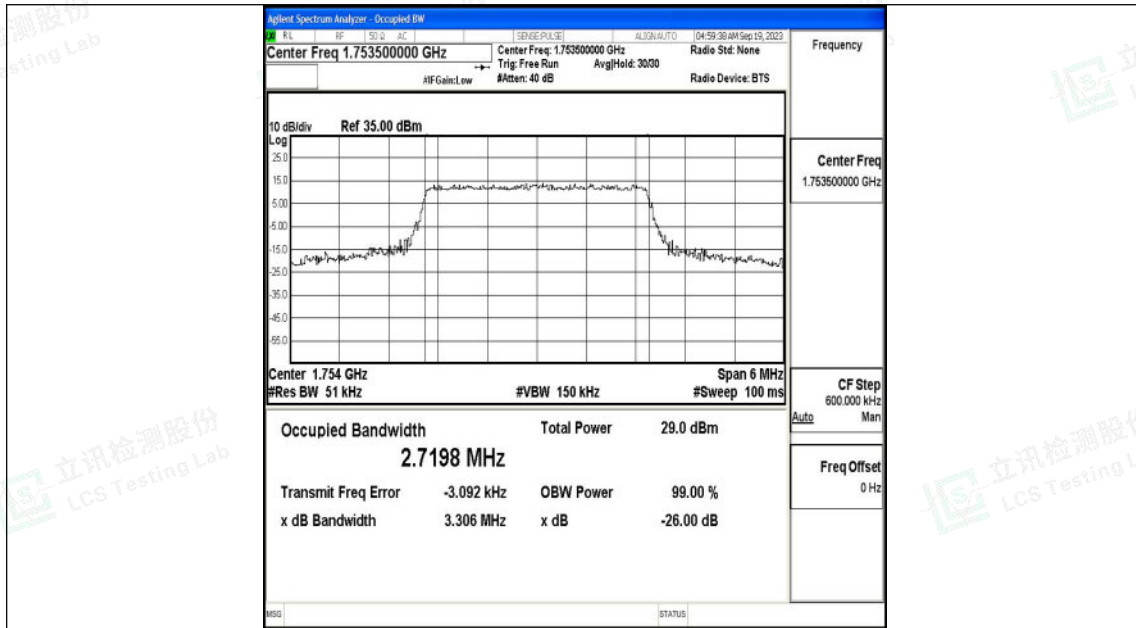


3MHz-20175

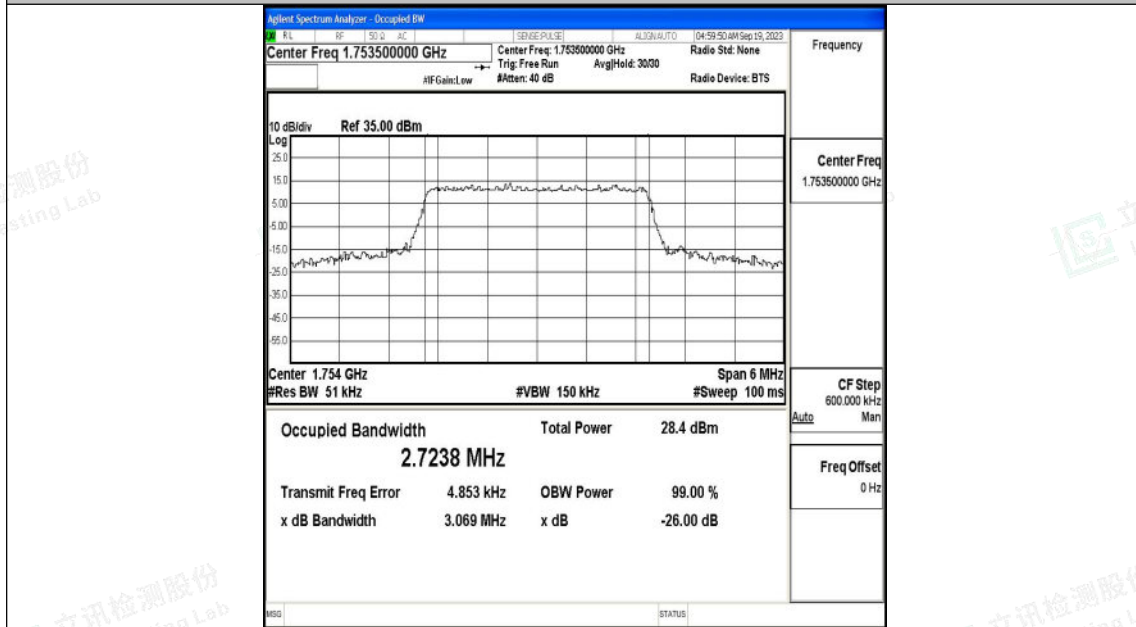


3MHz-20175



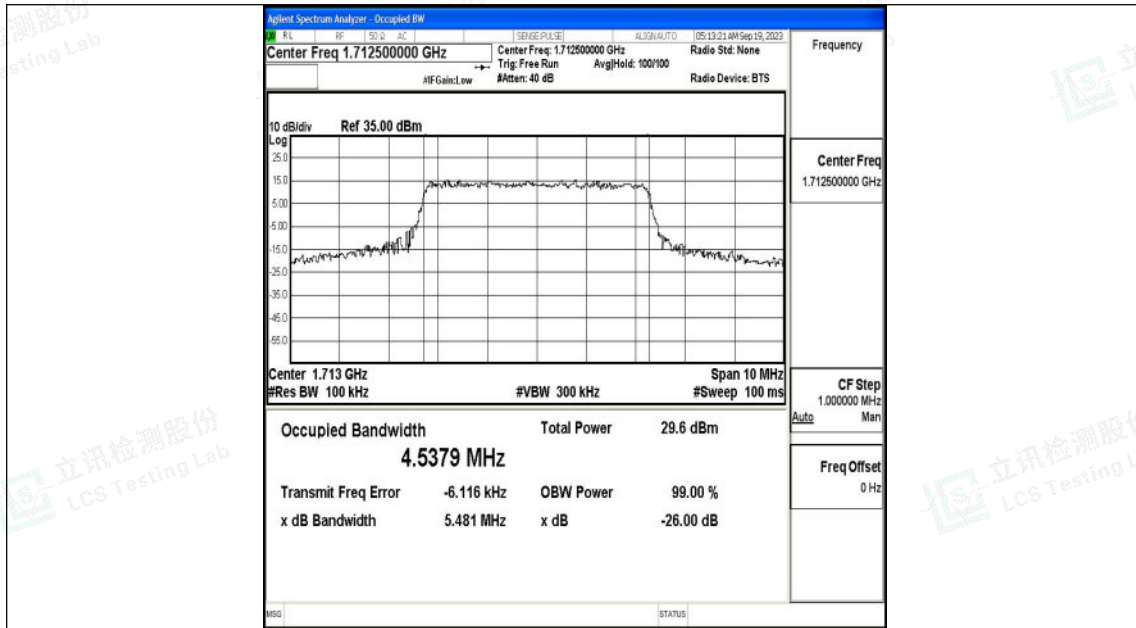


3MHz-20385

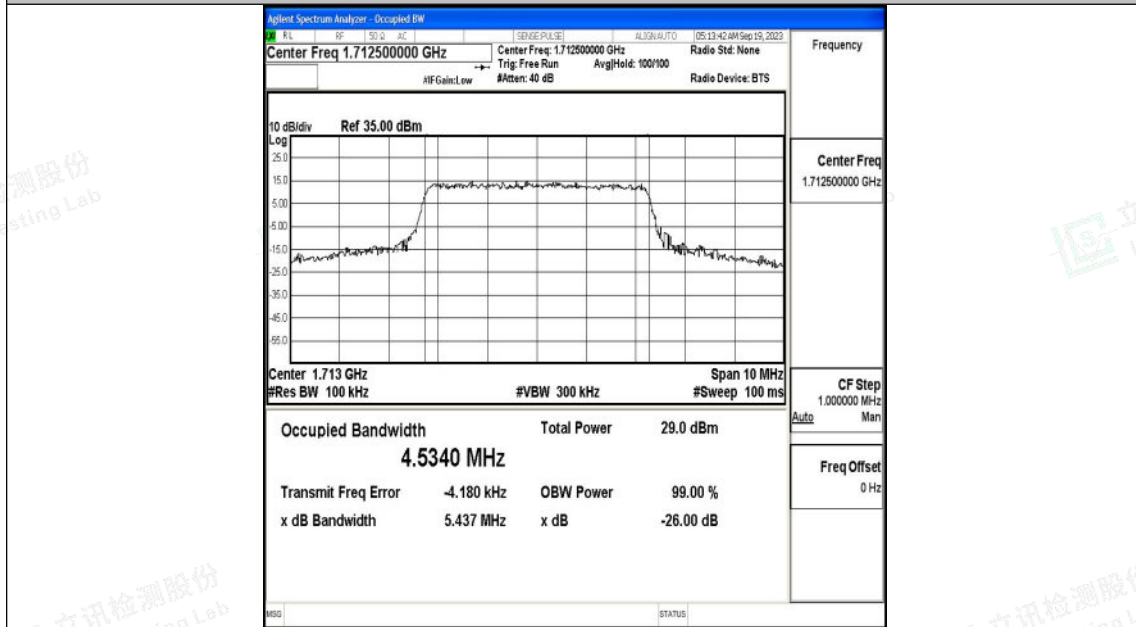


3MHz-20385



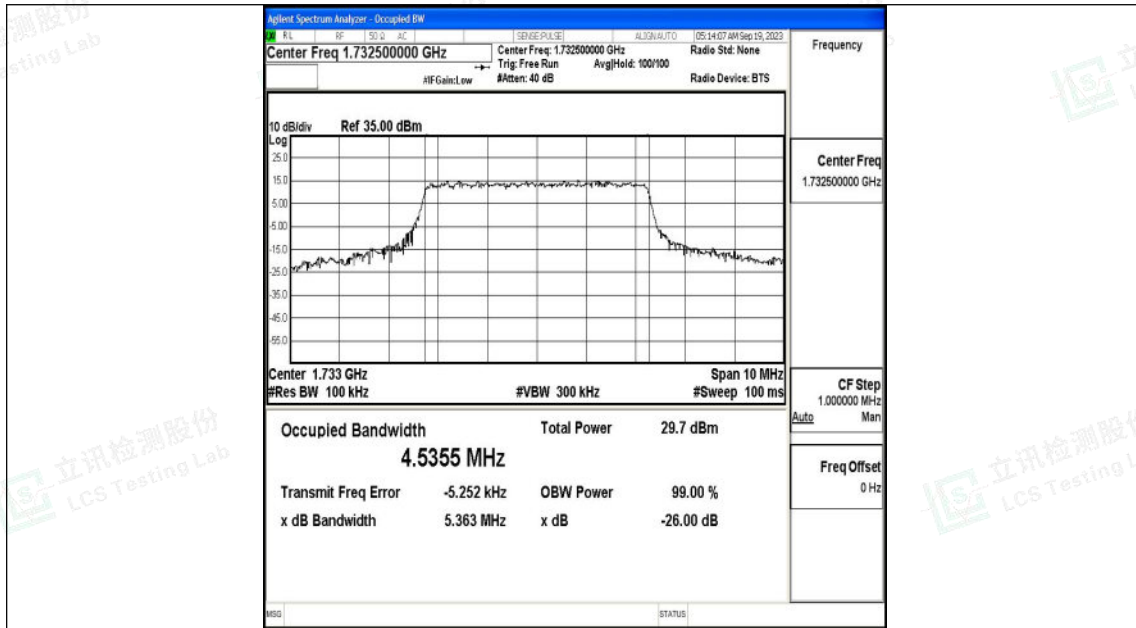


5MHz-19975

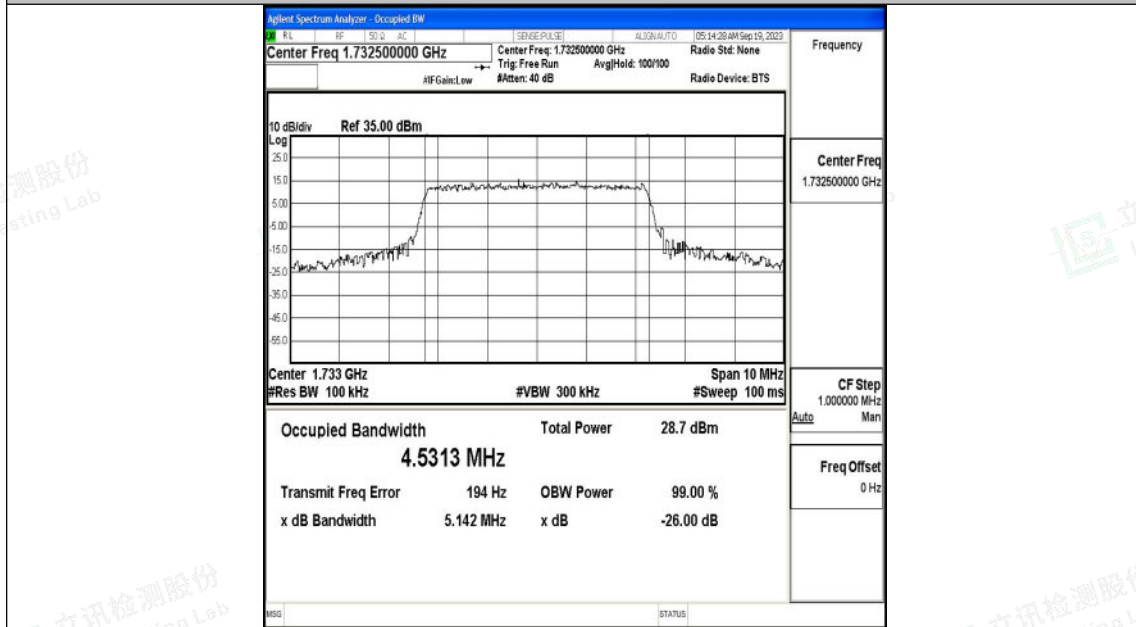


5MHz-19975



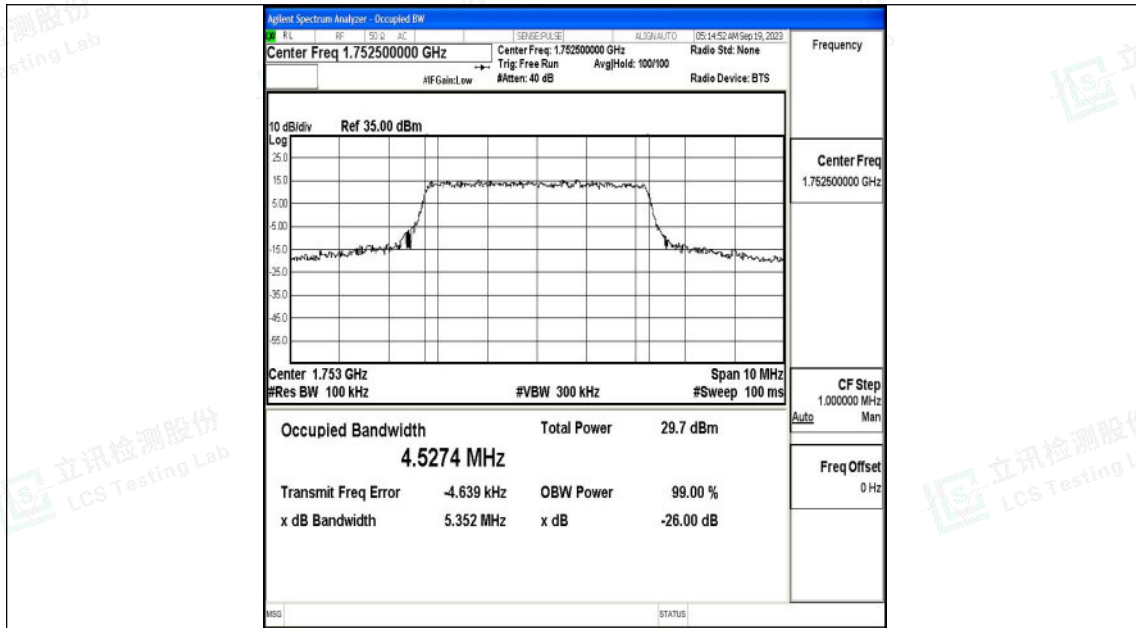


5MHz-20175

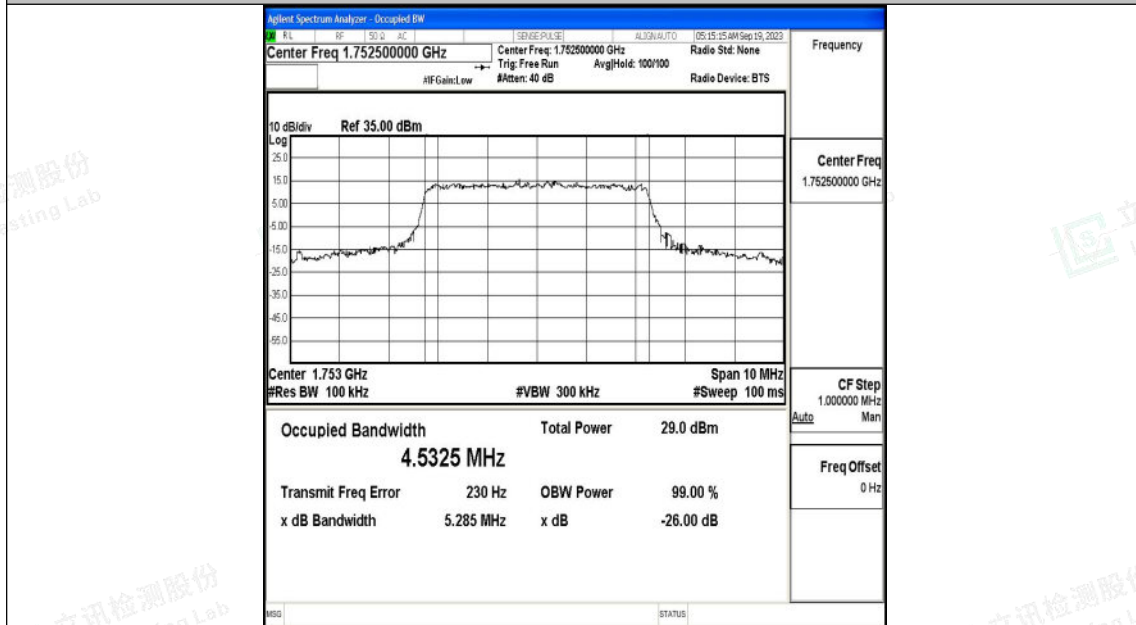


5MHz-20175



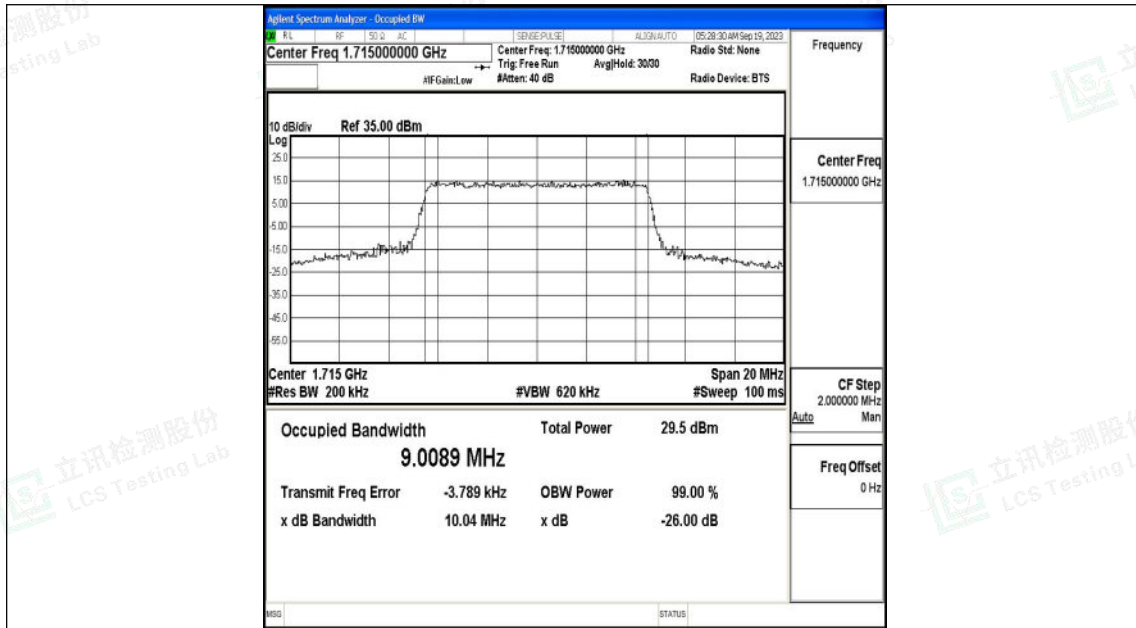


5MHz-20375

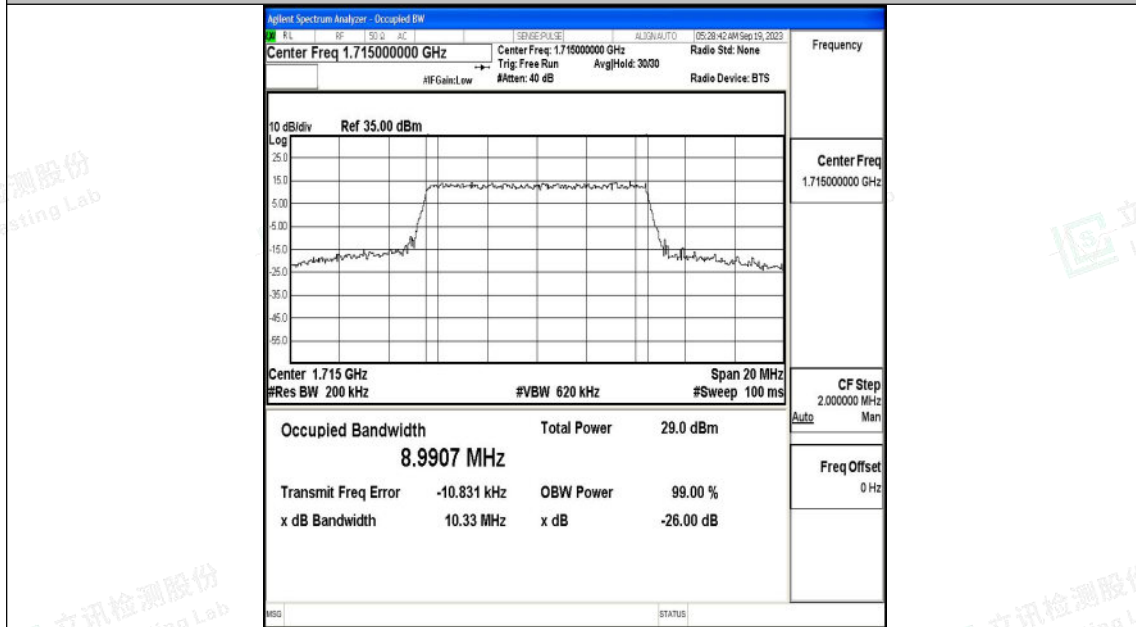


5MHz-20375



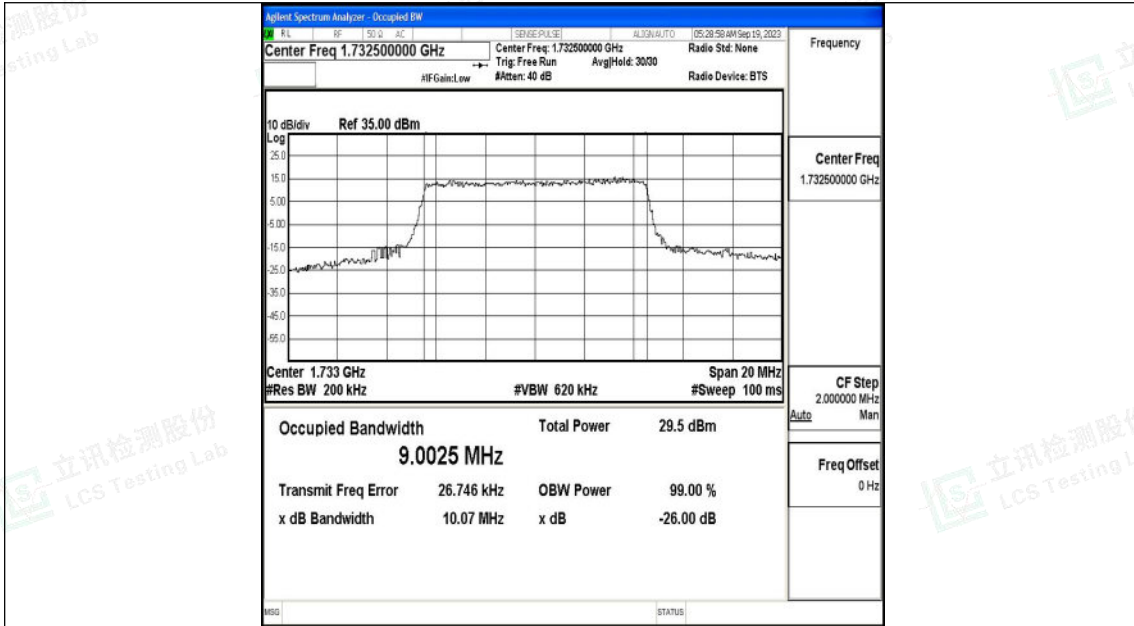


10MHz-20000

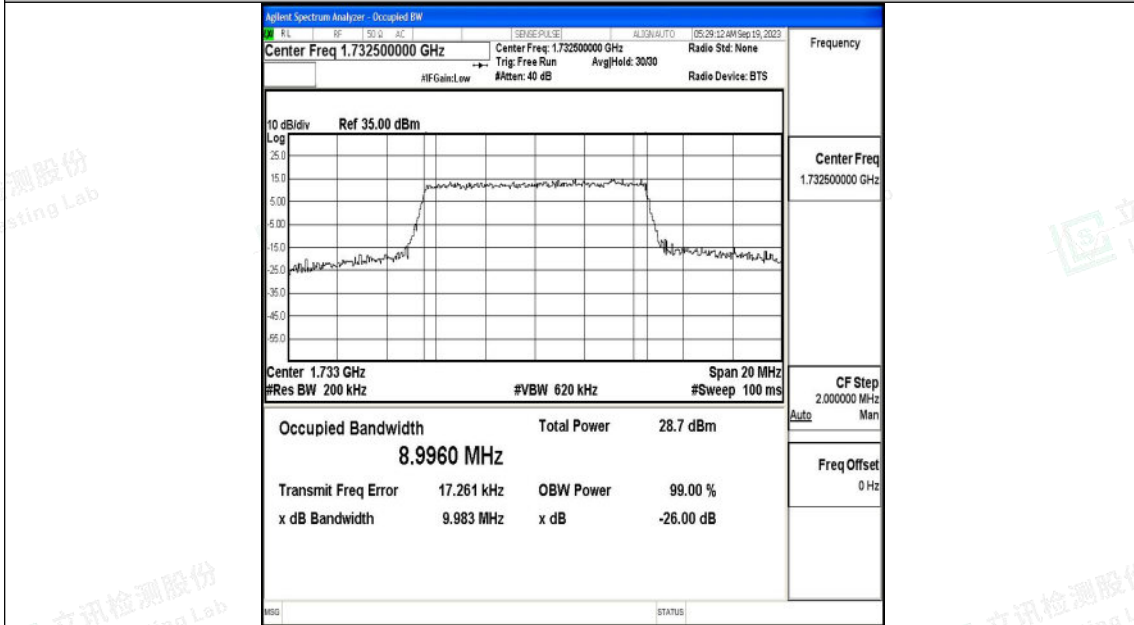


10MHz-20000





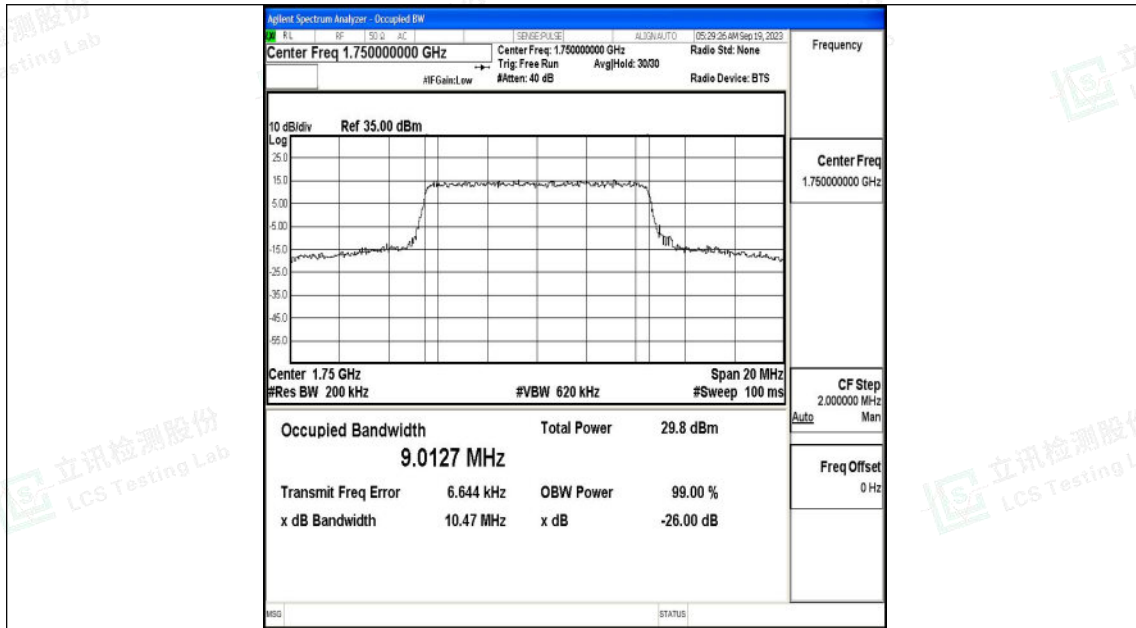
10MHz-20175



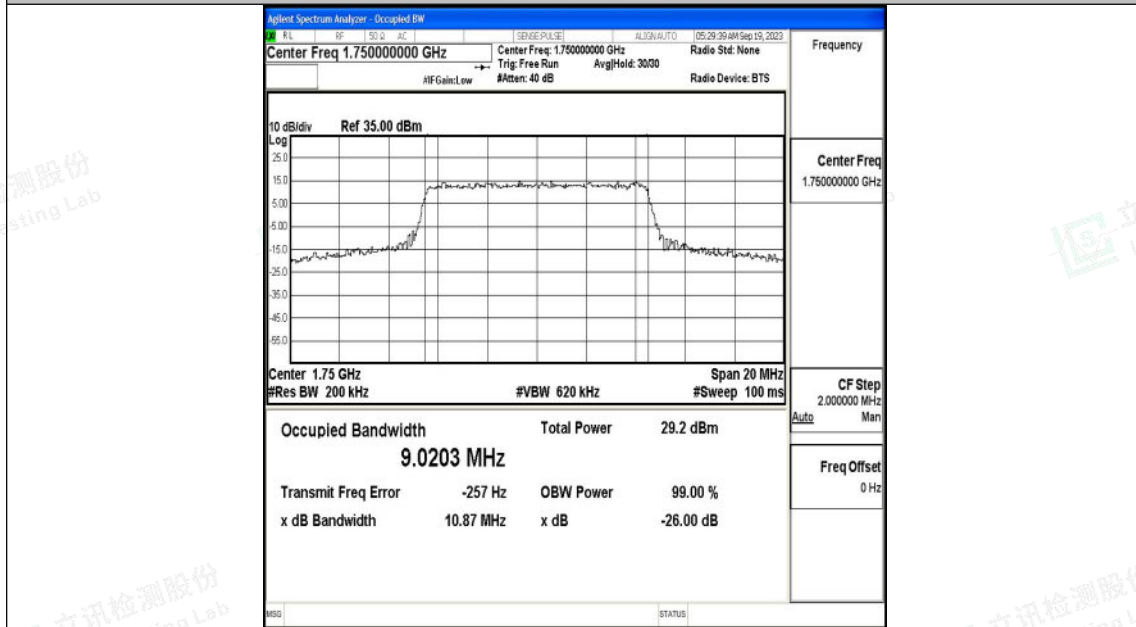
10MHz-20175





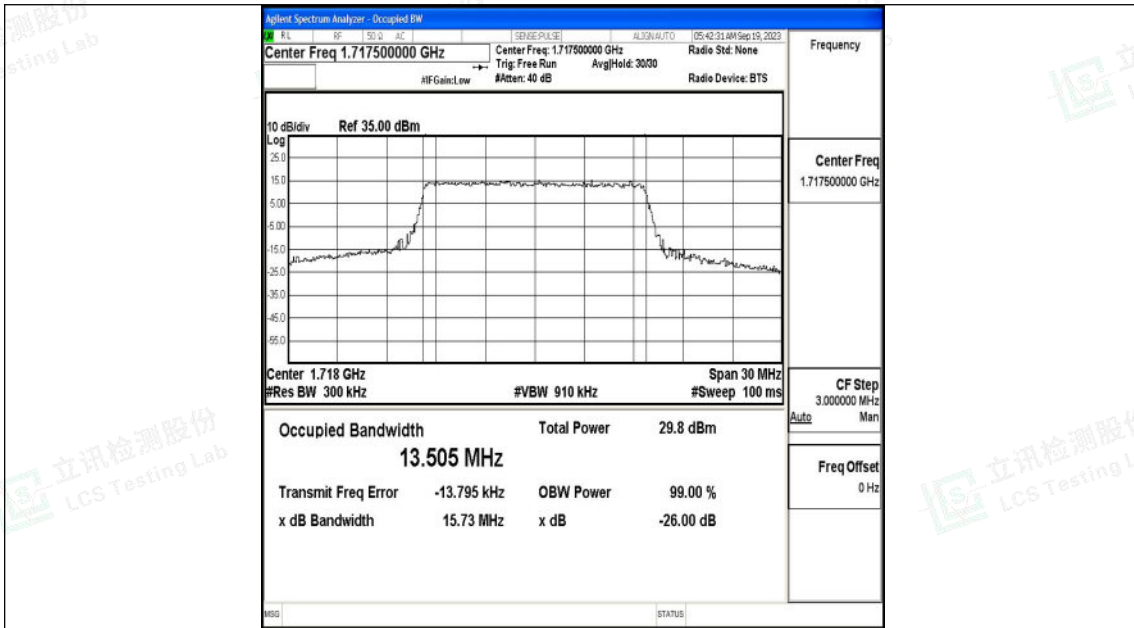


10MHz-20350

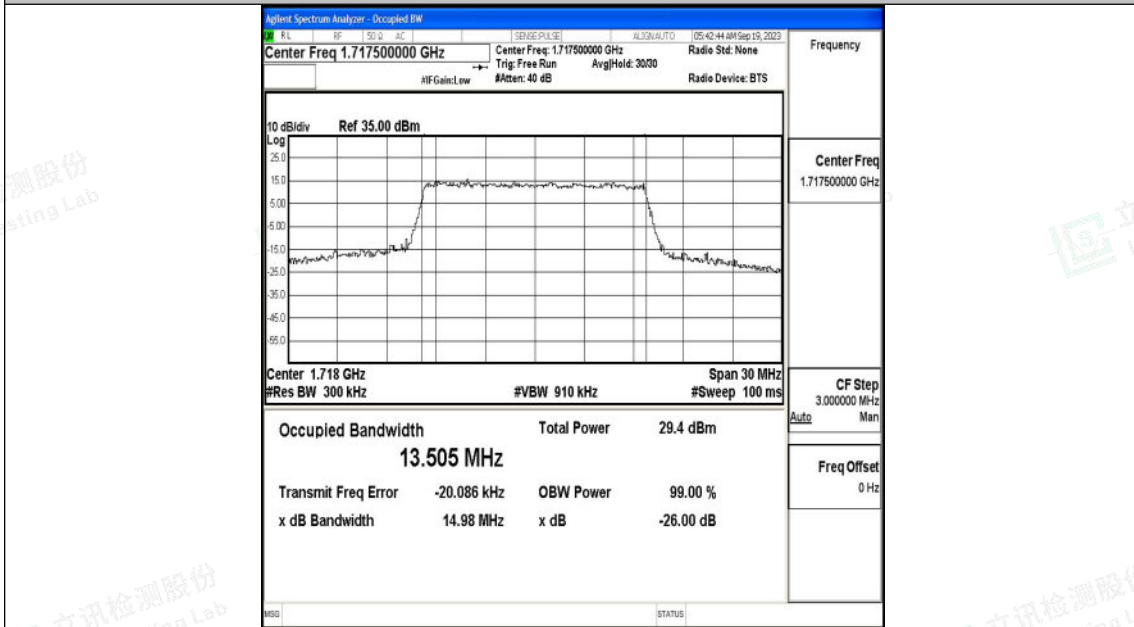


10MHz-20350



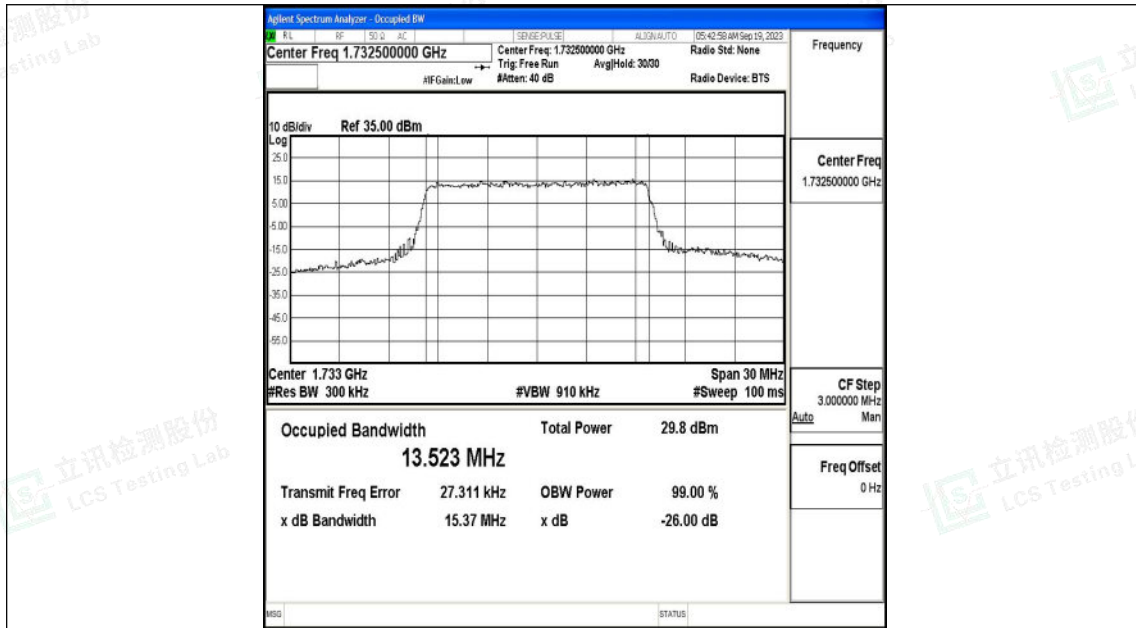


15MHz-20025

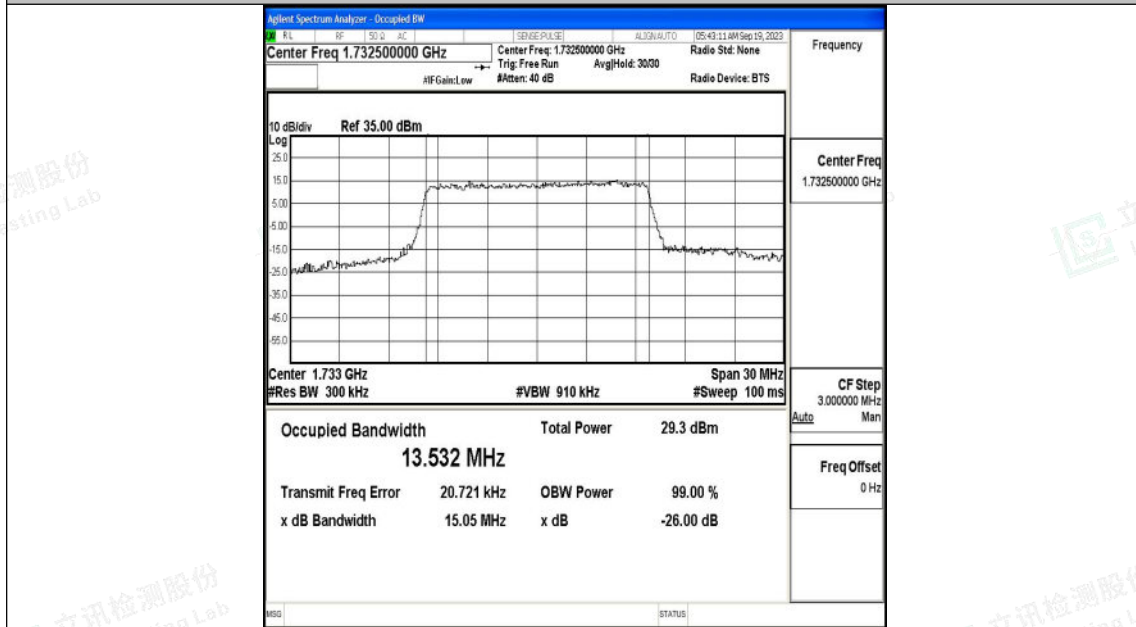


15MHz-20025



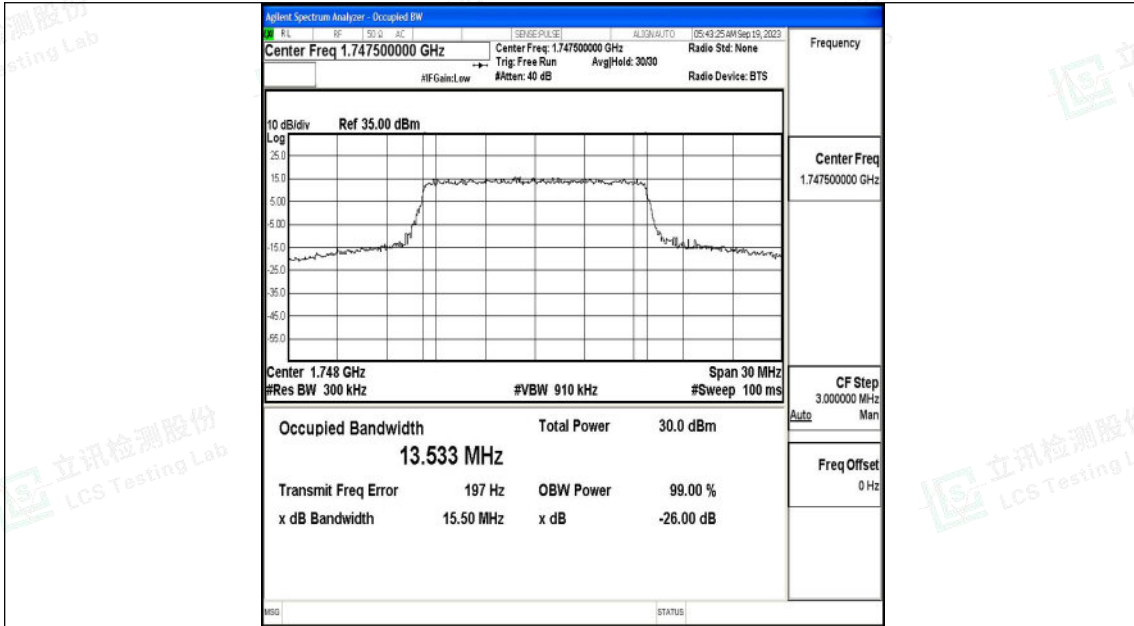


15MHz-20175

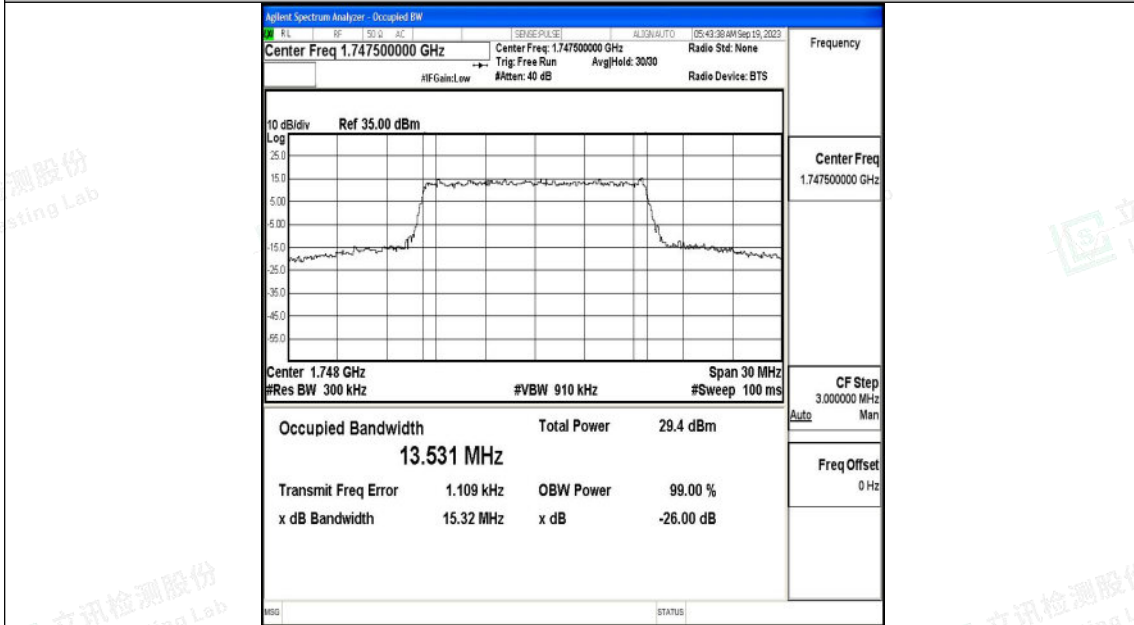


15MHz-20175



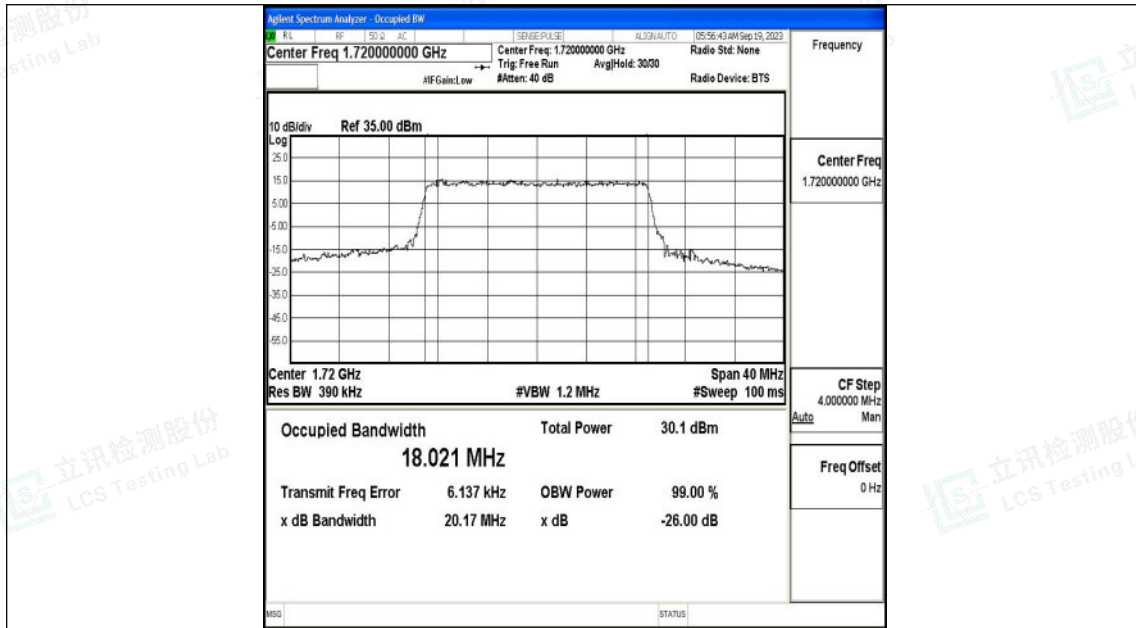


15MHz-20325

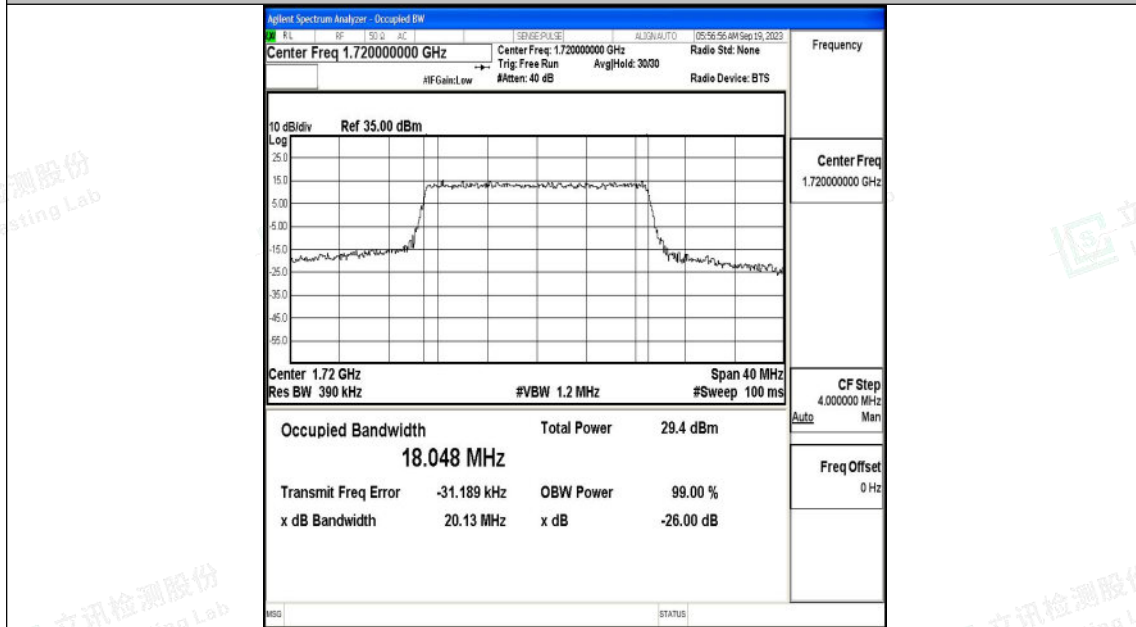


15MHz-20325



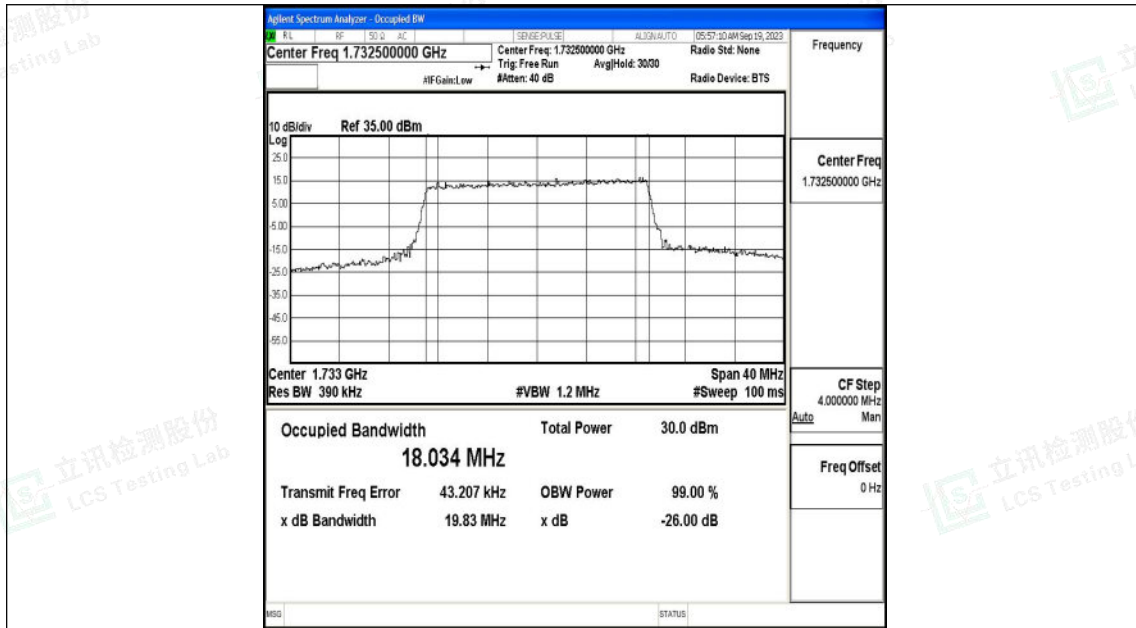


20MHz-20050

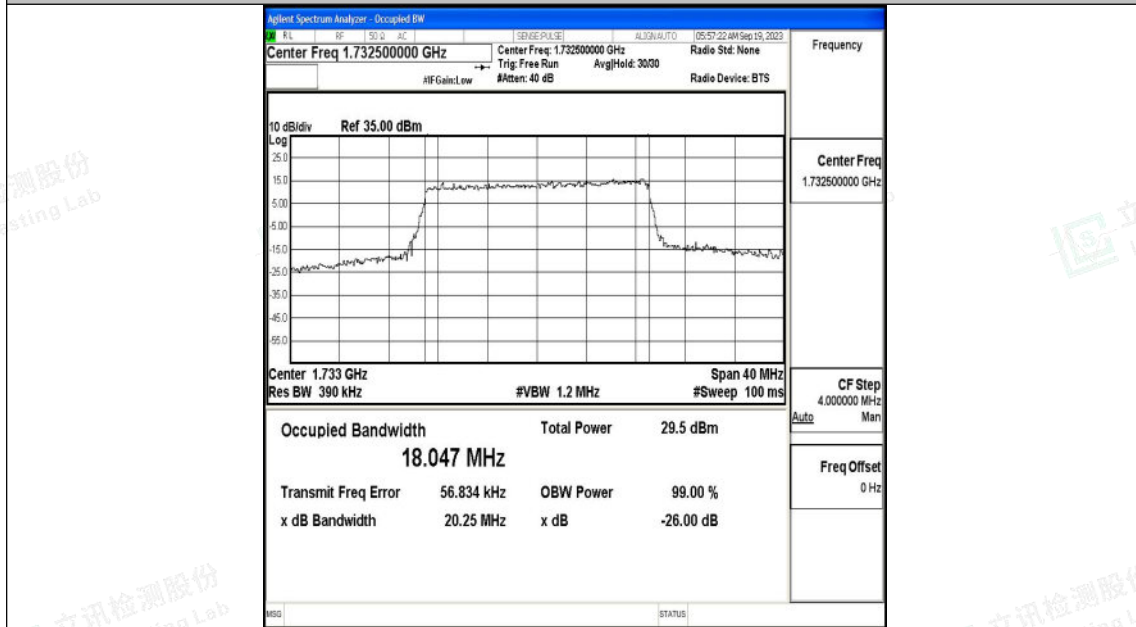


20MHz-20050



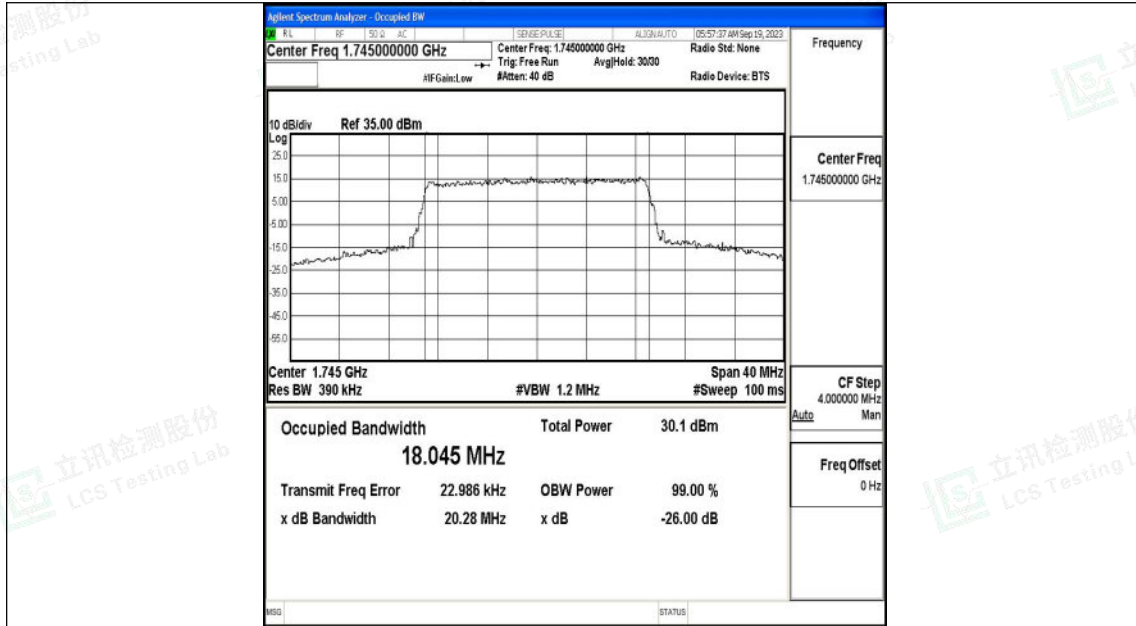


20MHz-20175

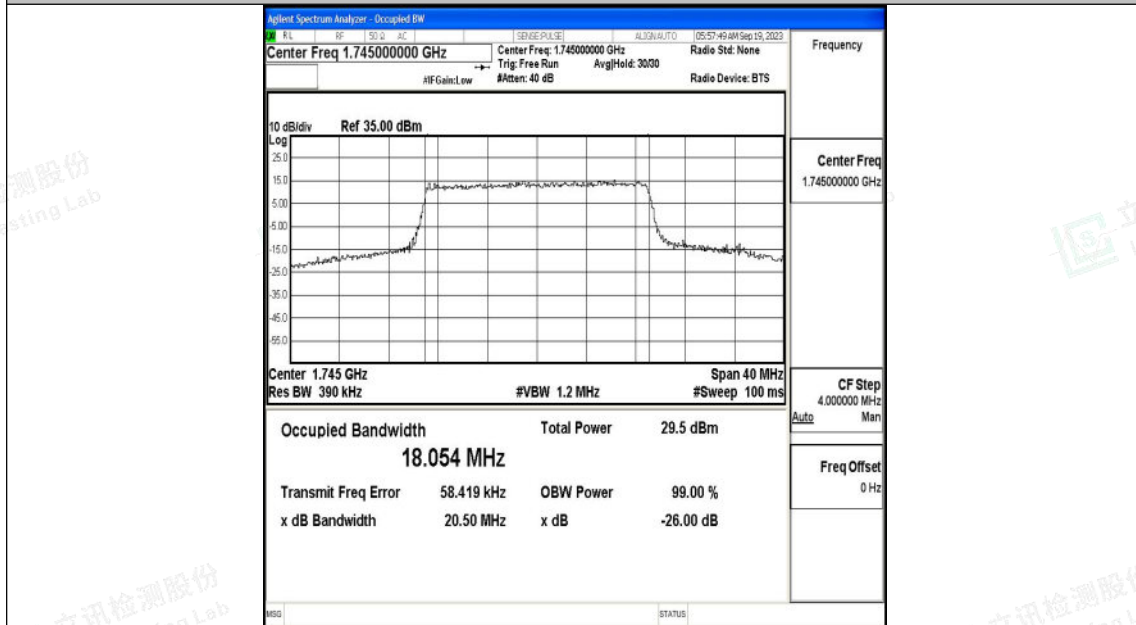


20MHz-20175





20MHz-20300



20MHz-20300





## B.4 Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1710.00	-24.77	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1708.96	-43.48	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1755.01	-24.83	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1756.01	-43.14	PASS
Band4	3MHz	QPSK	19965	15RB#0	1708.92	-29.39	PASS
Band4	3MHz	16QAM	19965	15RB#0	1708.95	-30.33	PASS
Band4	3MHz	QPSK	20385	15RB#0	1756.02	-28.59	PASS
Band4	3MHz	16QAM	20385	15RB#0	1756.30	-30.79	PASS
Band4	5MHz	QPSK	19975	25RB#0	1708.67	-28.60	PASS
Band4	5MHz	16QAM	19975	25RB#0	1708.83	-28.82	PASS
Band4	5MHz	QPSK	20375	25RB#0	1756.10	-27.77	PASS
Band4	5MHz	16QAM	20375	25RB#0	1756.02	-29.10	PASS
Band4	10MHz	QPSK	20000	50RB#0	1708.82	-28.16	PASS
Band4	10MHz	16QAM	20000	50RB#0	1708.92	-29.39	PASS
Band4	10MHz	QPSK	20350	50RB#0	1756.14	-26.80	PASS
Band4	10MHz	16QAM	20350	50RB#0	1756.11	-27.82	PASS
Band4	15MHz	QPSK	20025	75RB#0	1708.94	-27.03	PASS
Band4	15MHz	16QAM	20025	75RB#0	1708.71	-28.54	PASS
Band4	15MHz	QPSK	20325	75RB#0	1756.24	-25.66	PASS
Band4	15MHz	16QAM	20325	75RB#0	1756.25	-26.85	PASS
Band4	20MHz	QPSK	20050	100RB#0	1708.92	-27.79	PASS
Band4	20MHz	16QAM	20050	100RB#0	1708.88	-29.14	PASS
Band4	20MHz	QPSK	20300	100RB#0	1756.14	-25.87	PASS
Band4	20MHz	16QAM	20300	100RB#0	1756.01	-26.59	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

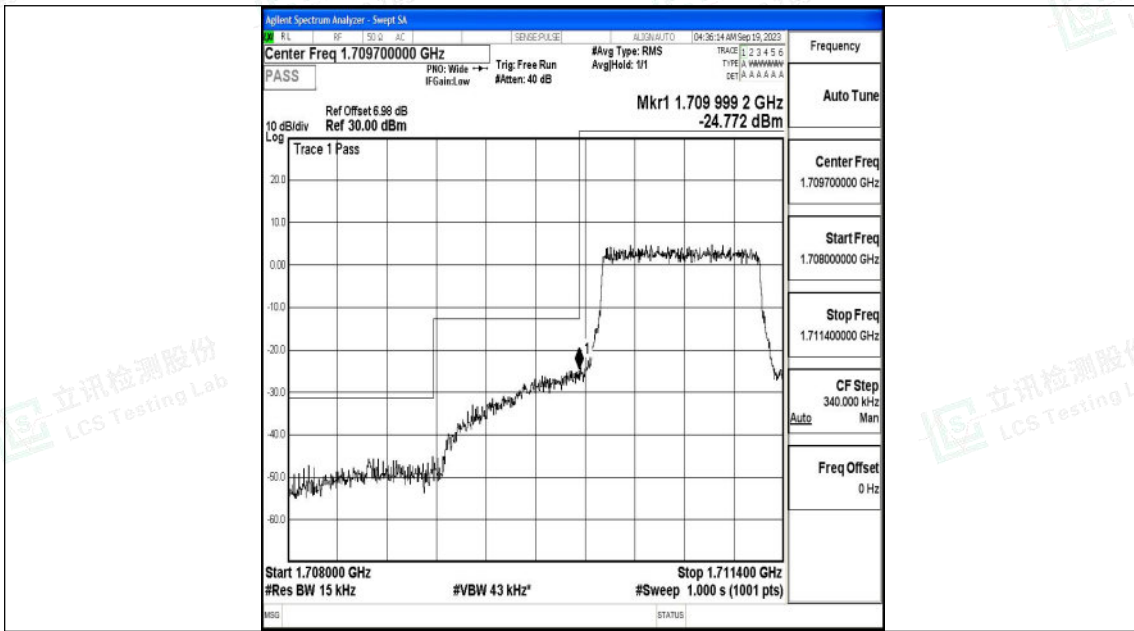
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

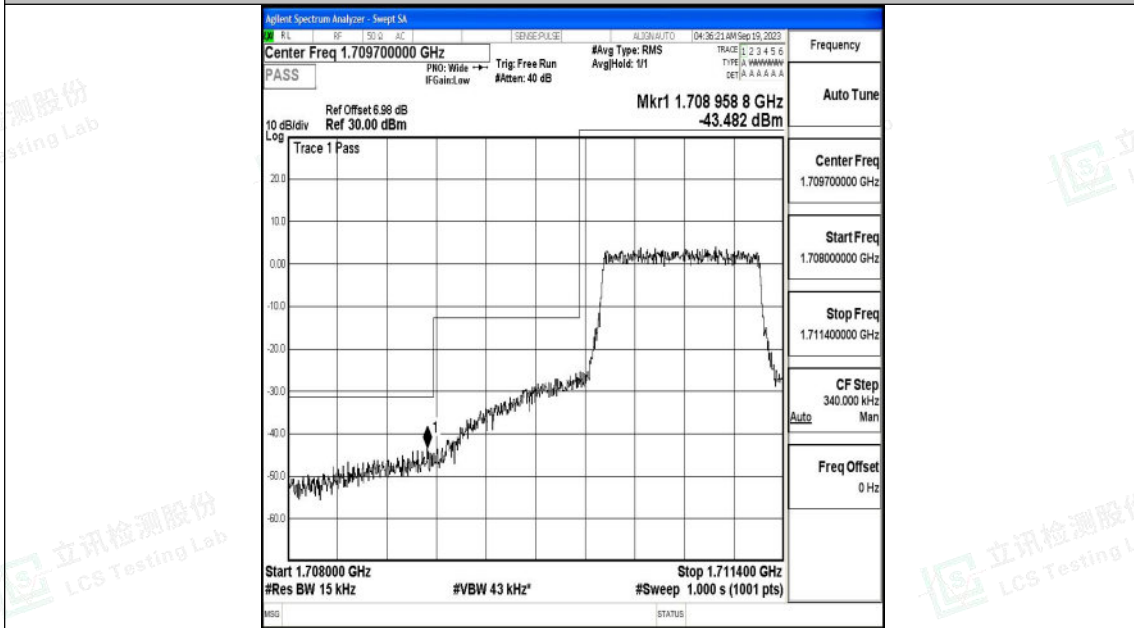




### Test Graphs

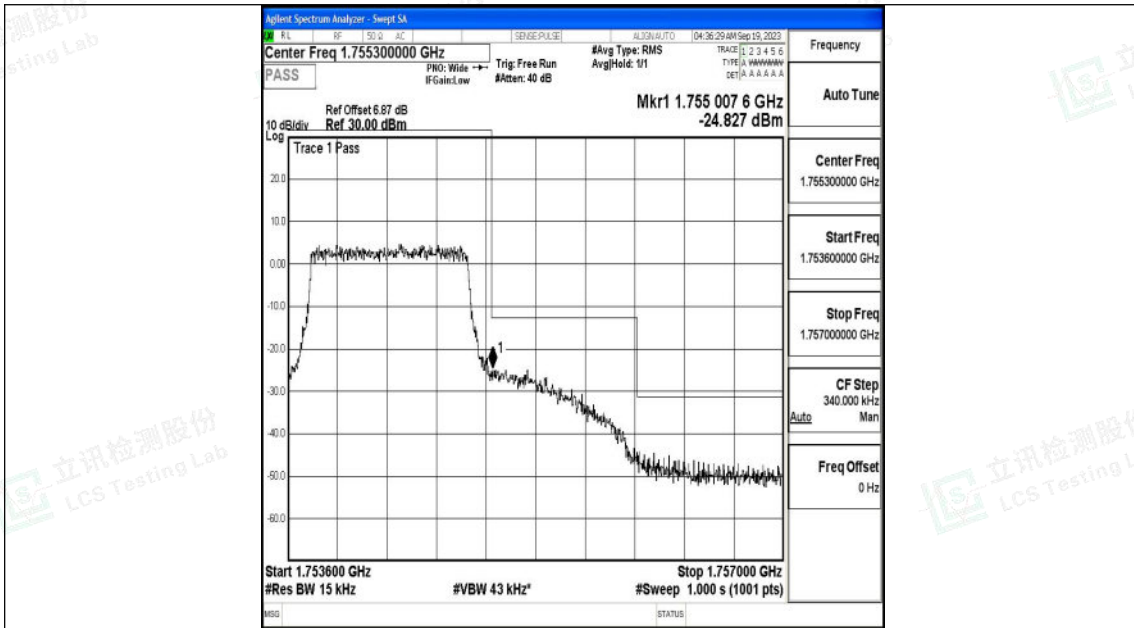


Band4\_1.4MHz\_QPSK\_19957\_6RB#0

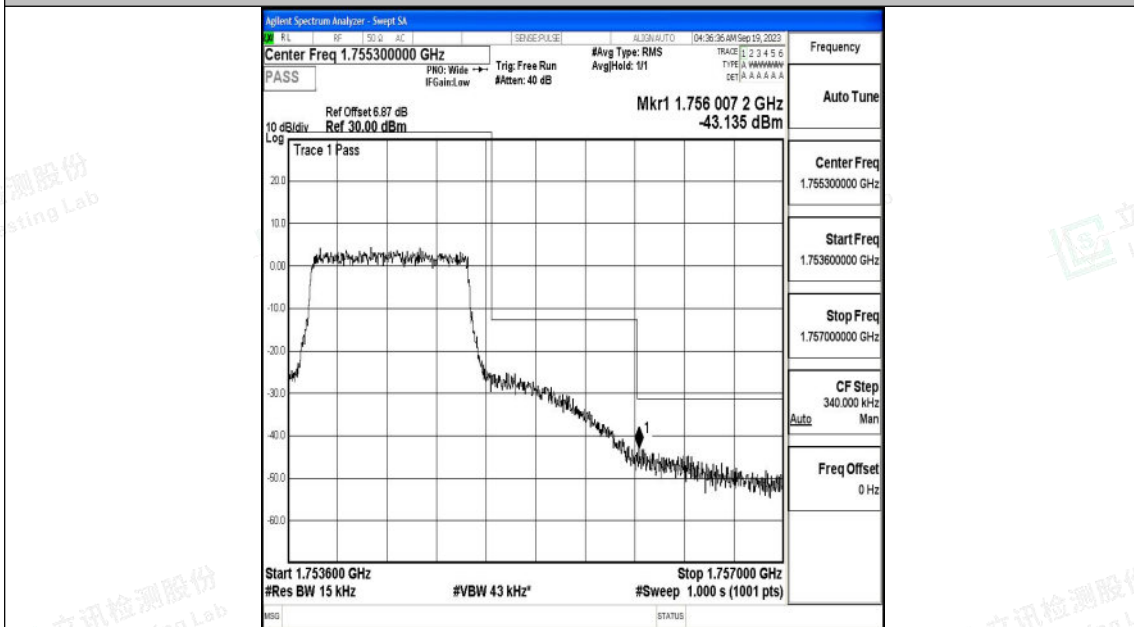


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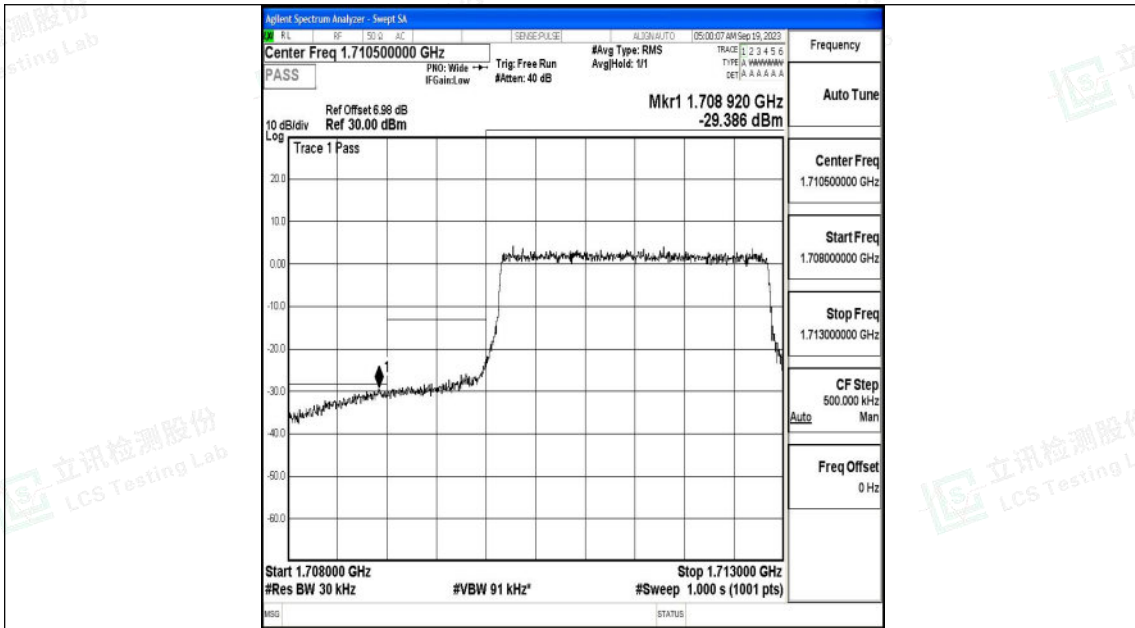


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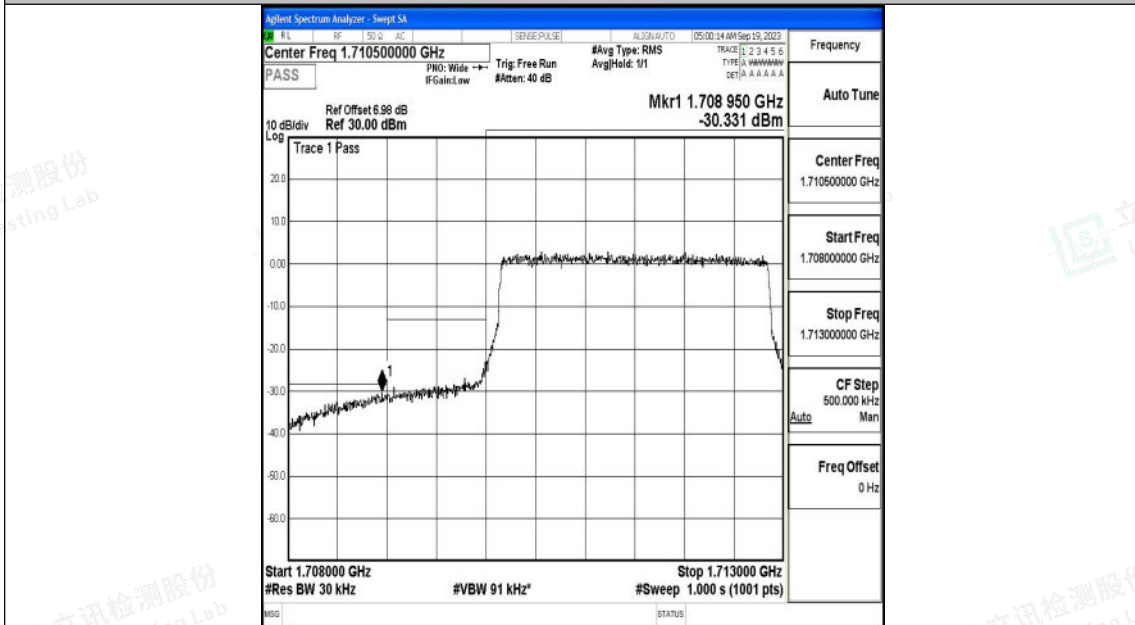


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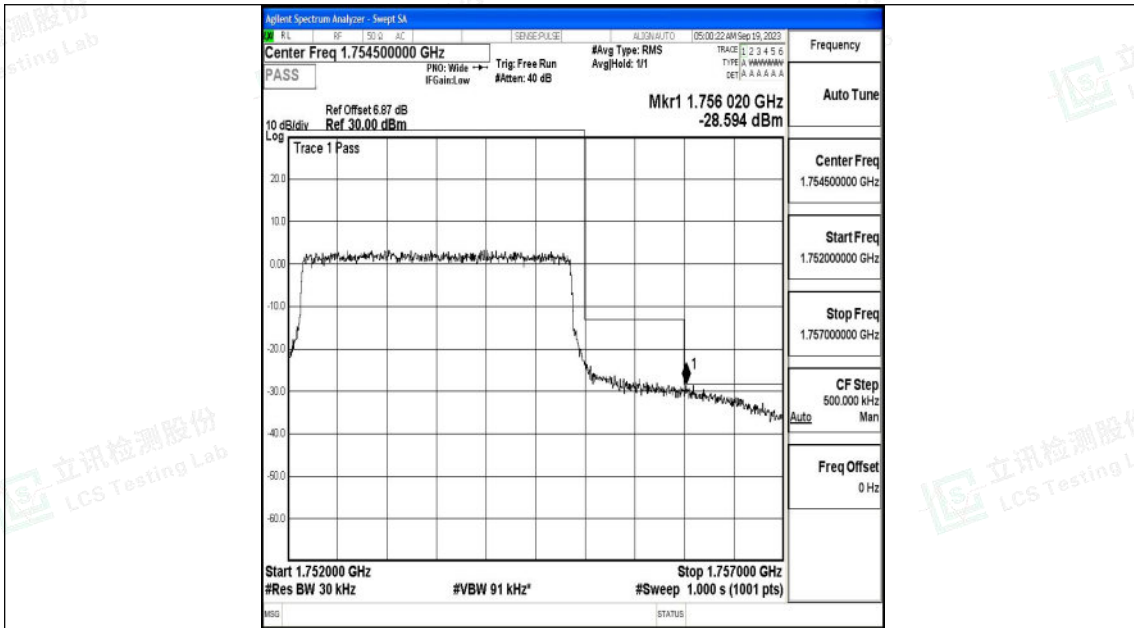


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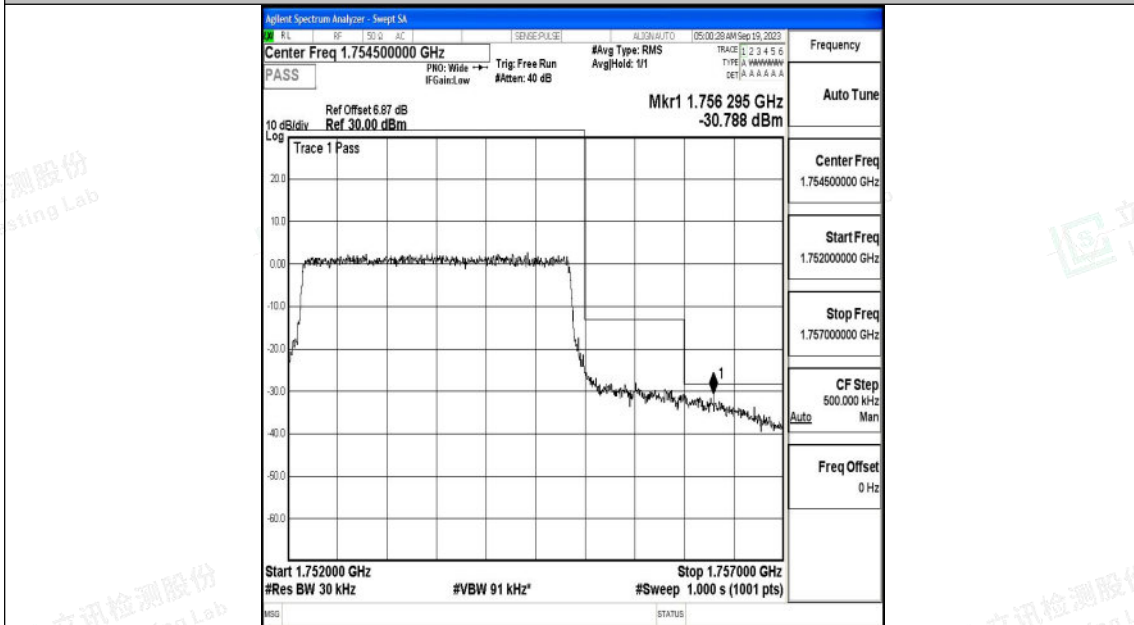


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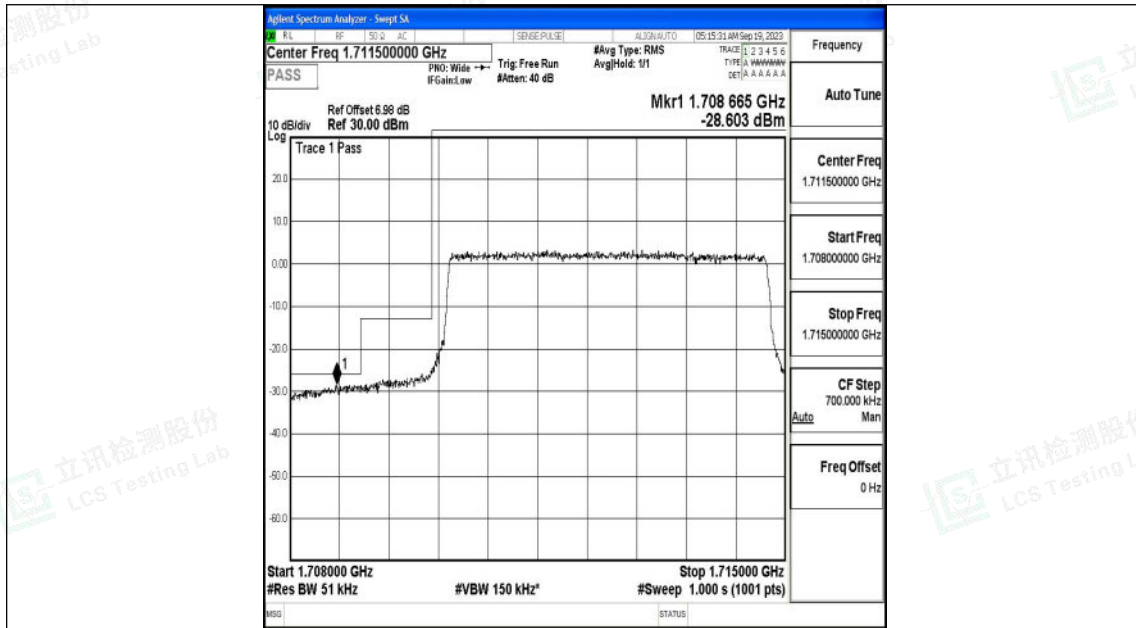


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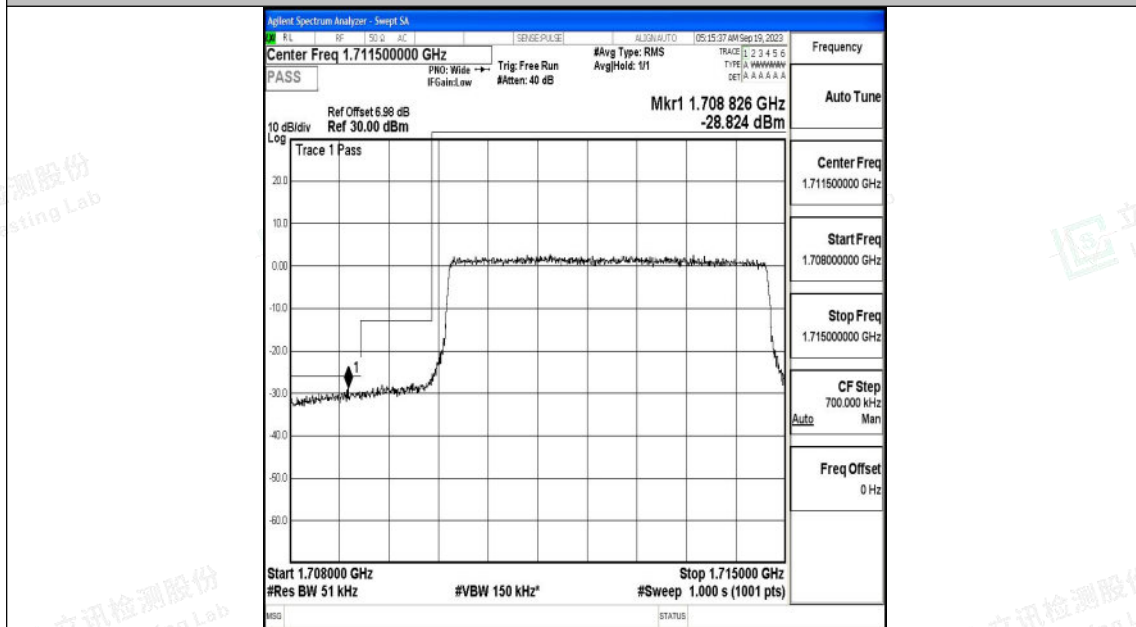


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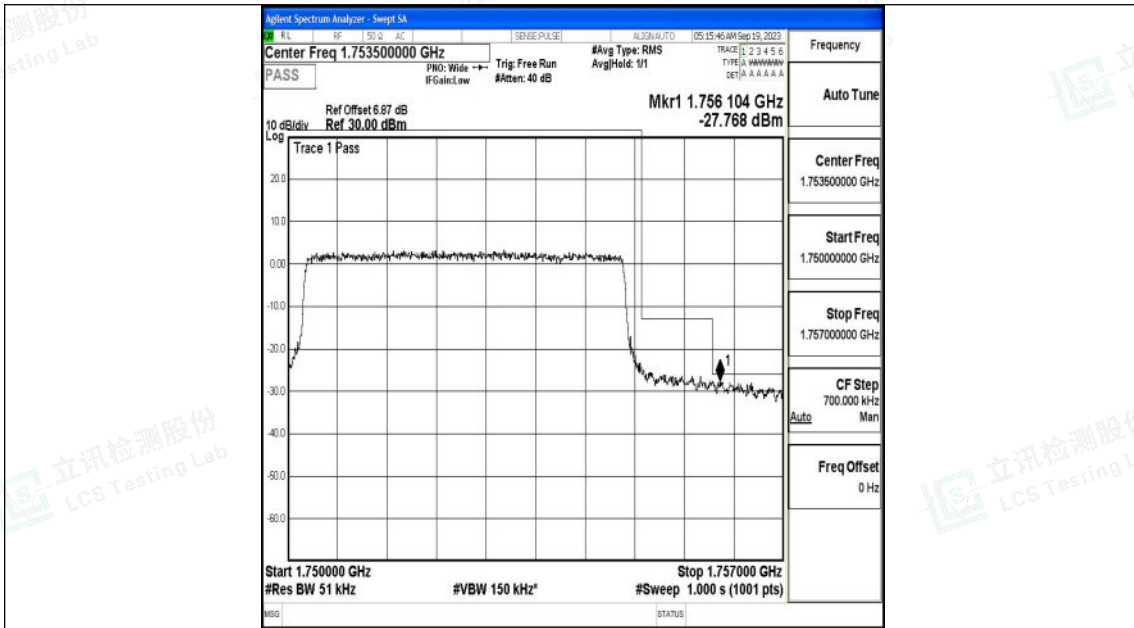


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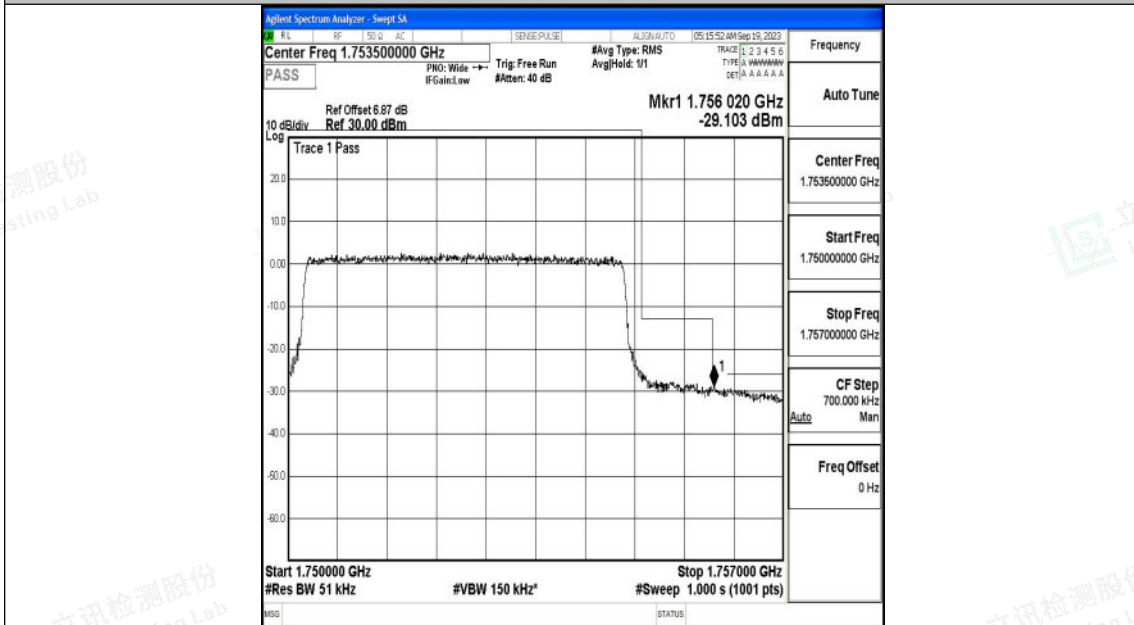


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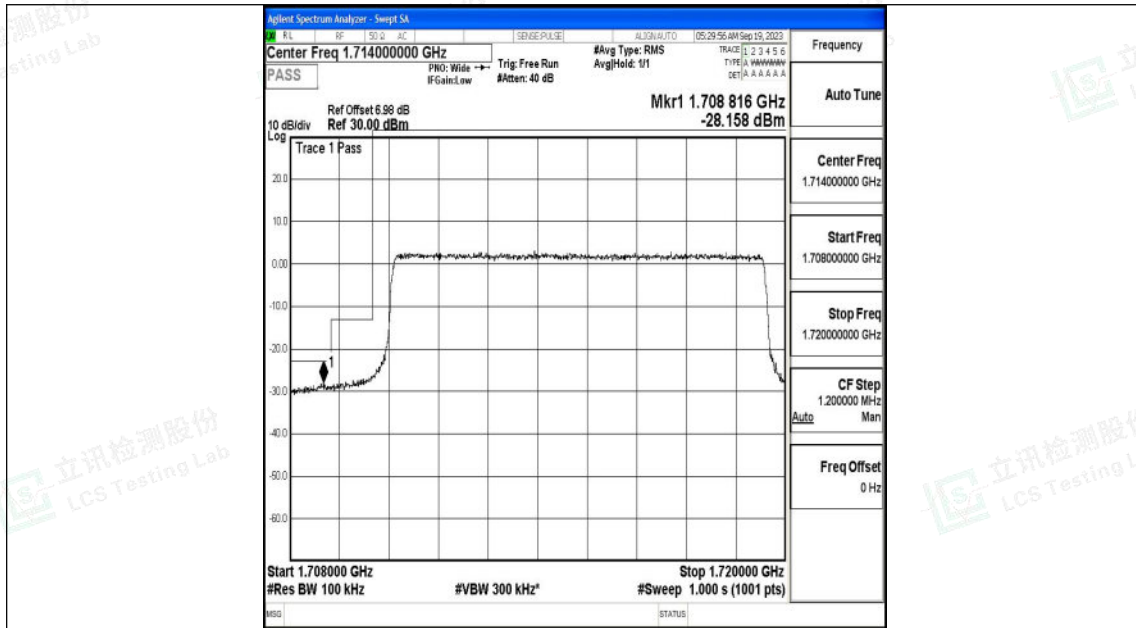


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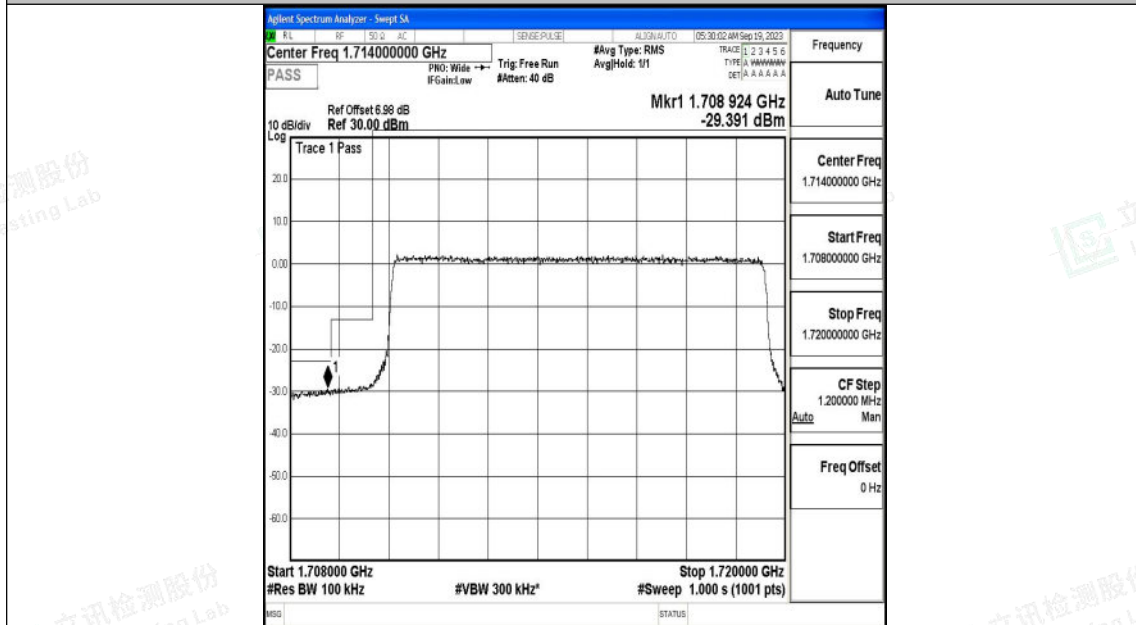


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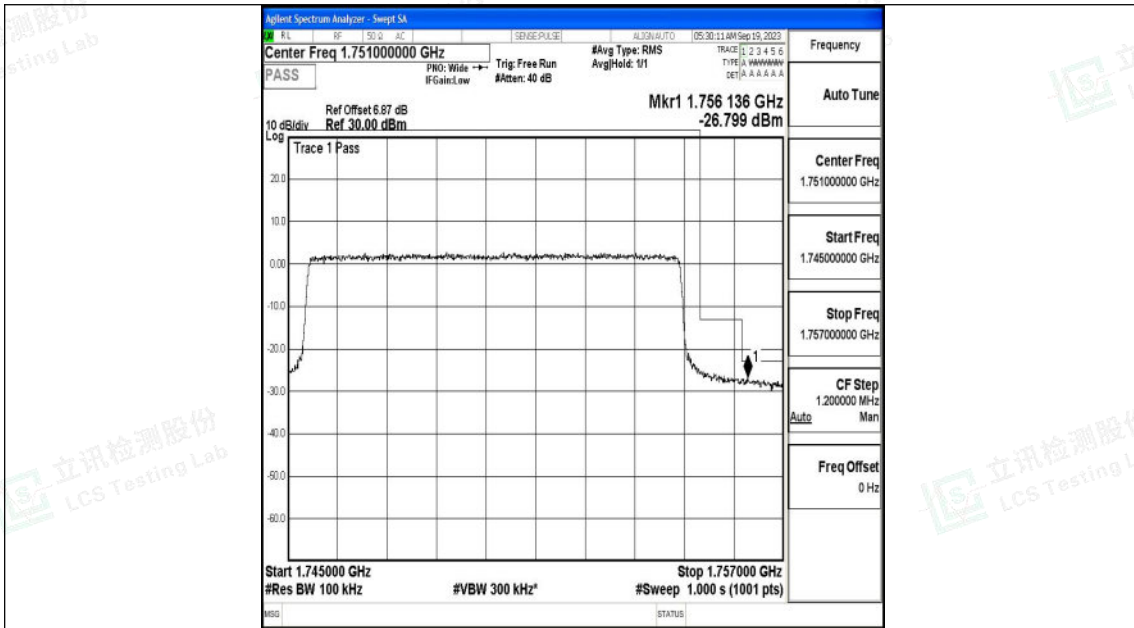


Band4\_10MHz\_QPSK\_20000\_50RB#0

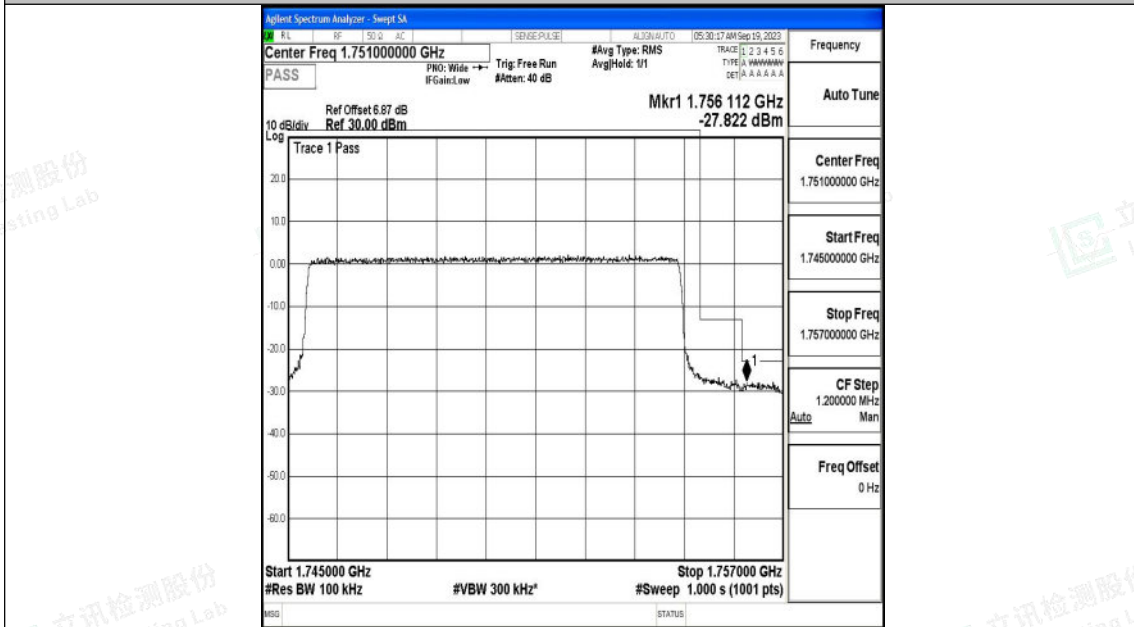


Band4\_10MHz\_16QAM\_20000\_50RB#0





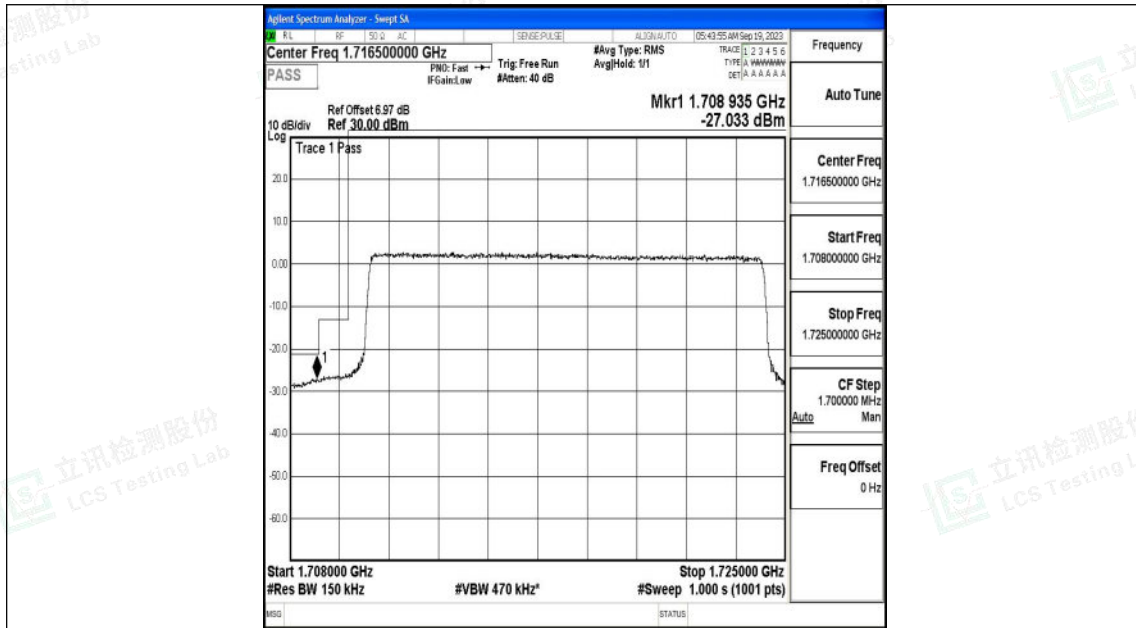
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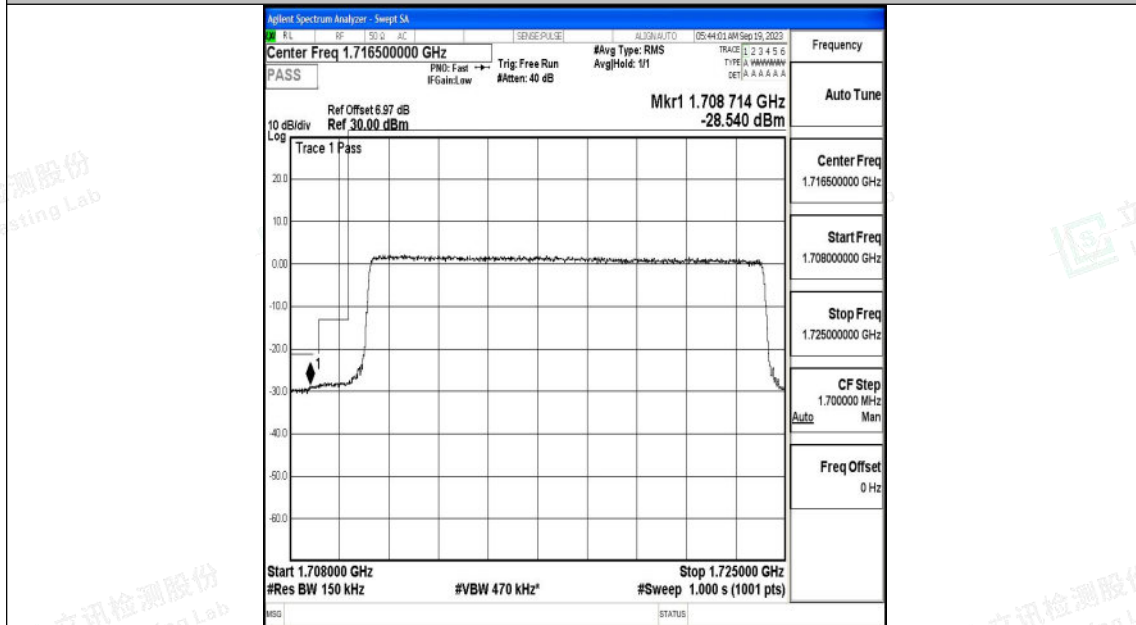
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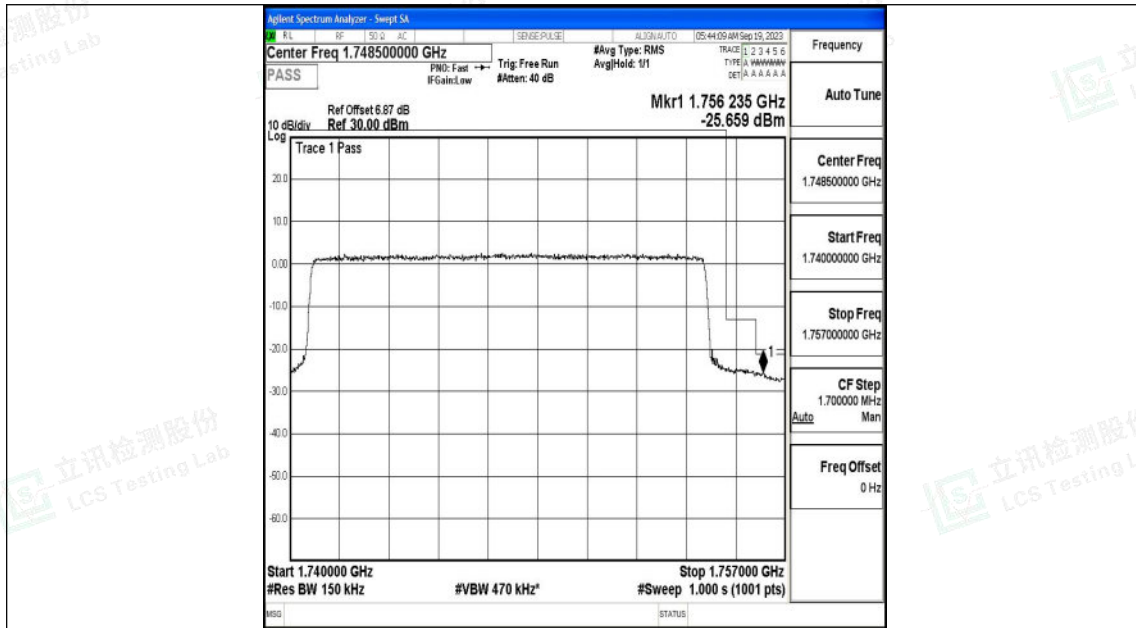


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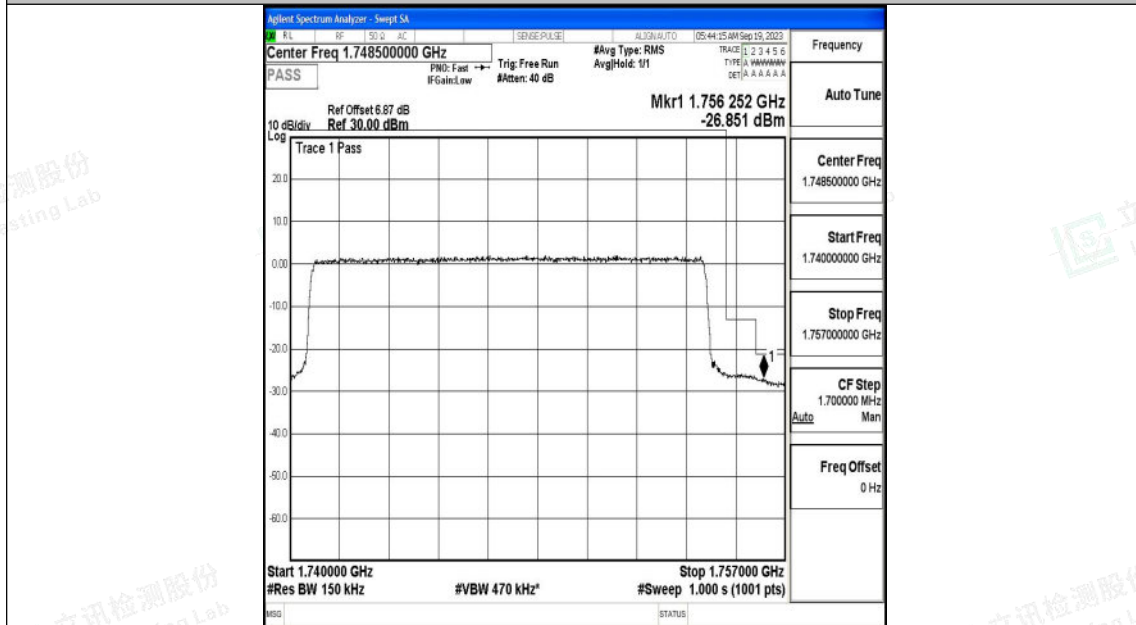


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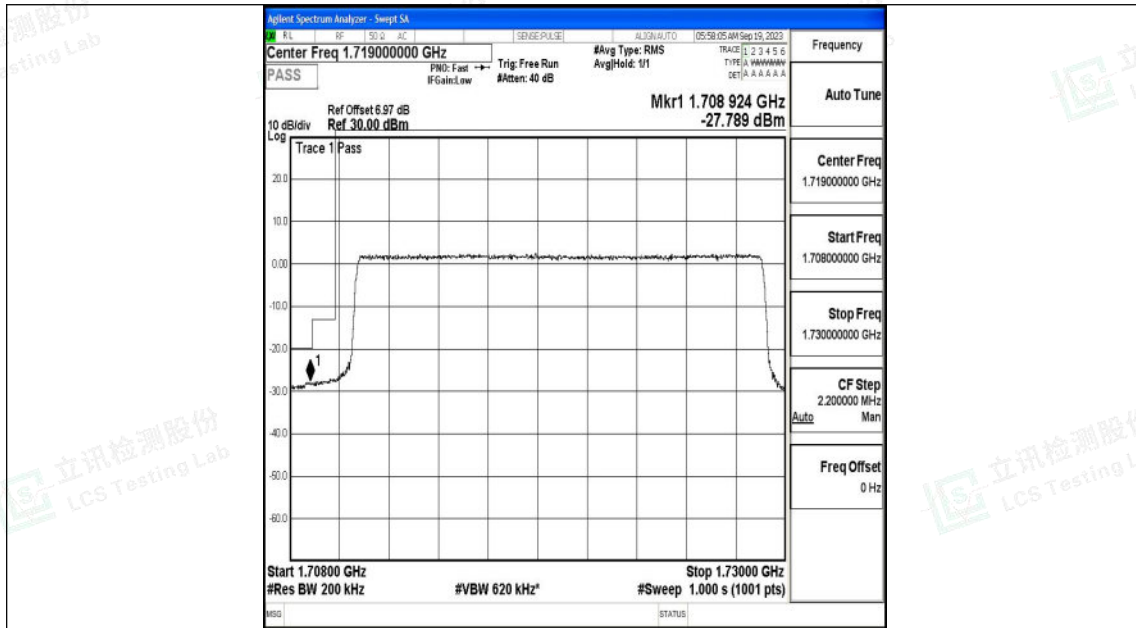


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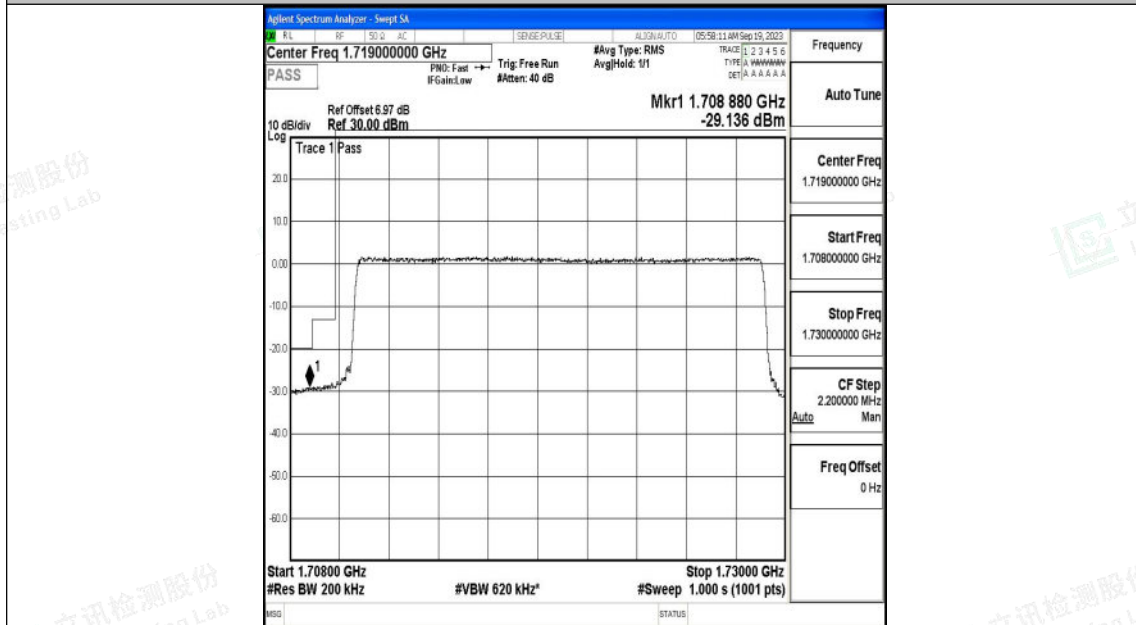


Band4\_15MHz\_16QAM\_20325\_75RB#0





Band4\_20MHz\_QPSK\_20050\_100RB#0



Band4\_20MHz\_16QAM\_20050\_100RB#0

