



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

Product Name: Mobile phone

Test Model: A09

### Environmental Conditions

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



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### E.1 Conducted Output Power Data

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.37	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.55	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.41	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.40	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.55	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.52	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.29	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.42	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.18	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.51	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.27	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.42	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.82	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.68	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.61	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.61	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.67	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.74	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.74	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.71	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.72	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.77	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.69	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.67	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.73	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.95	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.41	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.70	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.51	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.71	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.44	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.63	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.55	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.28	PASS



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Band4	1.4MHz	QPSK	20393	3RB#1	22.56	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.26	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.57	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.28	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.59	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.81	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.42	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.78	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.45	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.67	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.46	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.71	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.58	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.75	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.50	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.76	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.49	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.73	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.56	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.66	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.70	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.95	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.66	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.79	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.67	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.69	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.68	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.96	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.70	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.97	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.67	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.93	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.70	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.73	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.46	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.13	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.50	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.04	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.43	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.33	PASS



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Band4	3MHz	QPSK	20385	8RB#0	21.57	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.07	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.60	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.09	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.64	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.81	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.60	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.11	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.49	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.17	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.53	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.99	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.58	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.88	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.62	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.65	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.62	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.63	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.54	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.57	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.49	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.76	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.66	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.87	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.67	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.89	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.66	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.88	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.68	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.90	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.77	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.93	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.70	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.80	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.75	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.62	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.51	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.10	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.49	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.00	PASS



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Band4	5MHz	QPSK	20375	1RB#24	22.50	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.21	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.61	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.54	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.59	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.51	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.56	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.97	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.56	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.42	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.54	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.43	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.56	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.51	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.49	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.53	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.51	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.54	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.51	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.52	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.61	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.52	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.65	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.58	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.61	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.63	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.61	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.60	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.57	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.72	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.92	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.73	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.93	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.77	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.93	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.71	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.84	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.63	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.81	PASS



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Band4	10MHz	QPSK	20350	1RB#24	22.63	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.85	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.55	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.83	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.68	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.73	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.58	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.72	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.62	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.06	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.56	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.76	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.45	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.56	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.48	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.55	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.54	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.69	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.62	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.62	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.61	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.61	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.61	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.61	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.61	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.63	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.29	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.45	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.28	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.49	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.22	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.45	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.77	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.76	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.76	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.76	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.75	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.75	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.75	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.79	PASS



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Band4	15MHz	QPSK	20325	1RB#0	22.57	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.26	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.55	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.17	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.50	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.17	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.55	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.56	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.56	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.56	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.56	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.56	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.56	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.73	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.37	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.15	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.47	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.25	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.56	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.31	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.61	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.66	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.56	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.64	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.62	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.79	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.50	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.72	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.57	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.01	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.71	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.10	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.56	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.03	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.77	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.79	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.66	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.81	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.63	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.15	PASS



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Band4	20MHz	QPSK	20175	100RB#0	21.72	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.87	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.68	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.29	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.61	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.22	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.56	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.14	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.59	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.79	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.60	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.78	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.64	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.82	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.71	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.73	PASS



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

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.56	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.29	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.55	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.31	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.43	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.17	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.60	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.37	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.59	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.37	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.47	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.18	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.64	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.30	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.62	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.29	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.54	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.16	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.65	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.35	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.66	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.34	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.53	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.29	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.97	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.42	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.96	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.41	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.89	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.31	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.62	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.37	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.64	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.37	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.67	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.33	13	PASS



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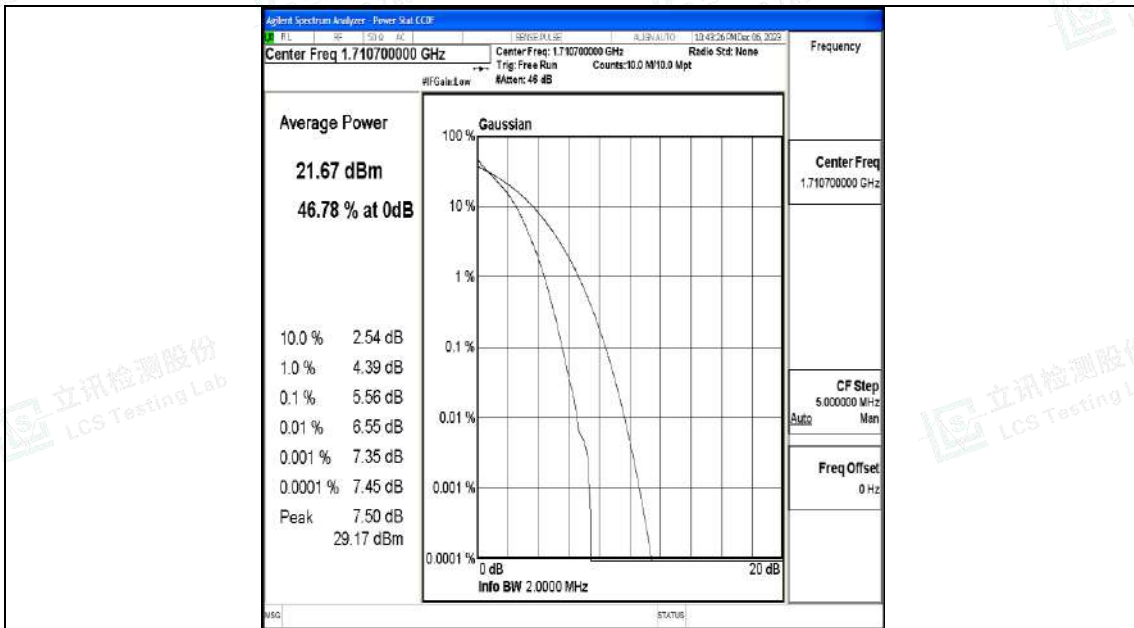
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

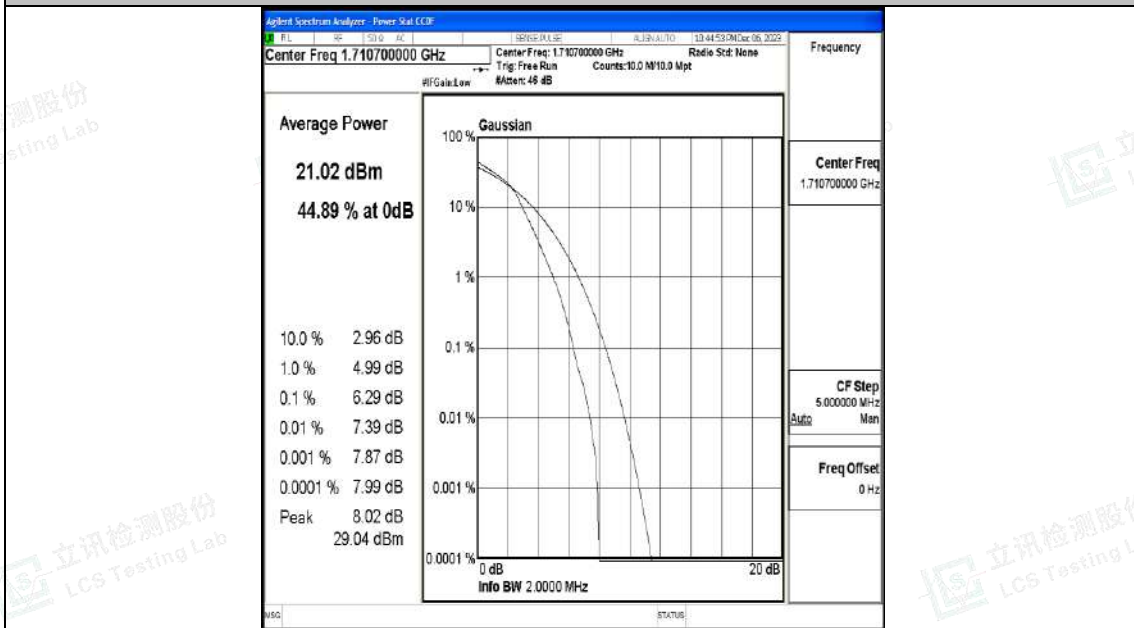
Scan code to check authenticity



### Test Graphs

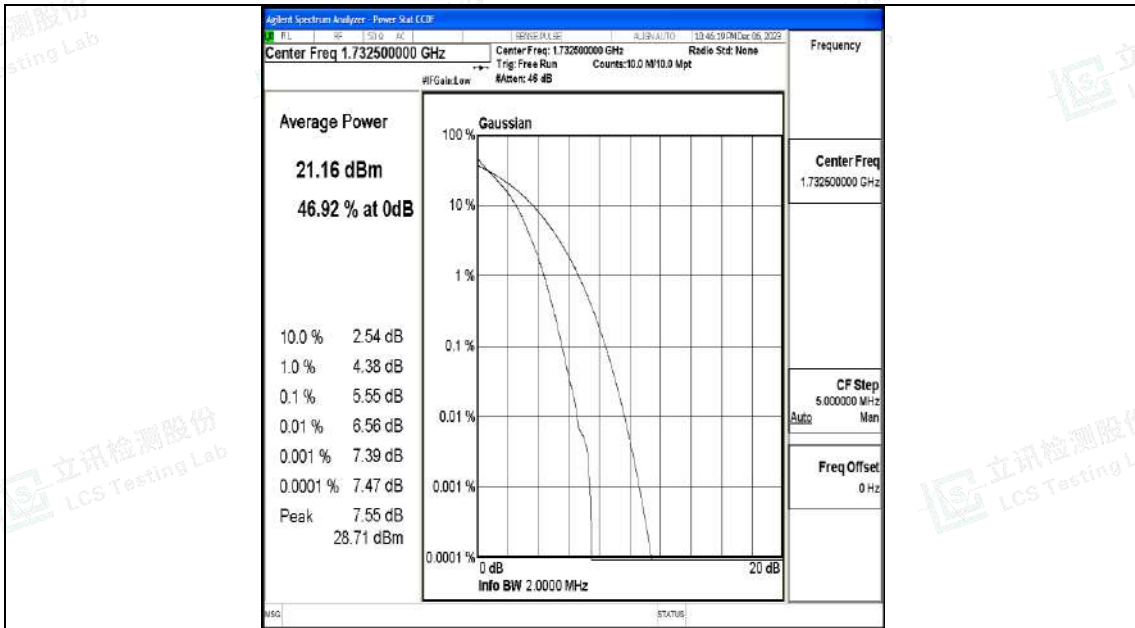


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

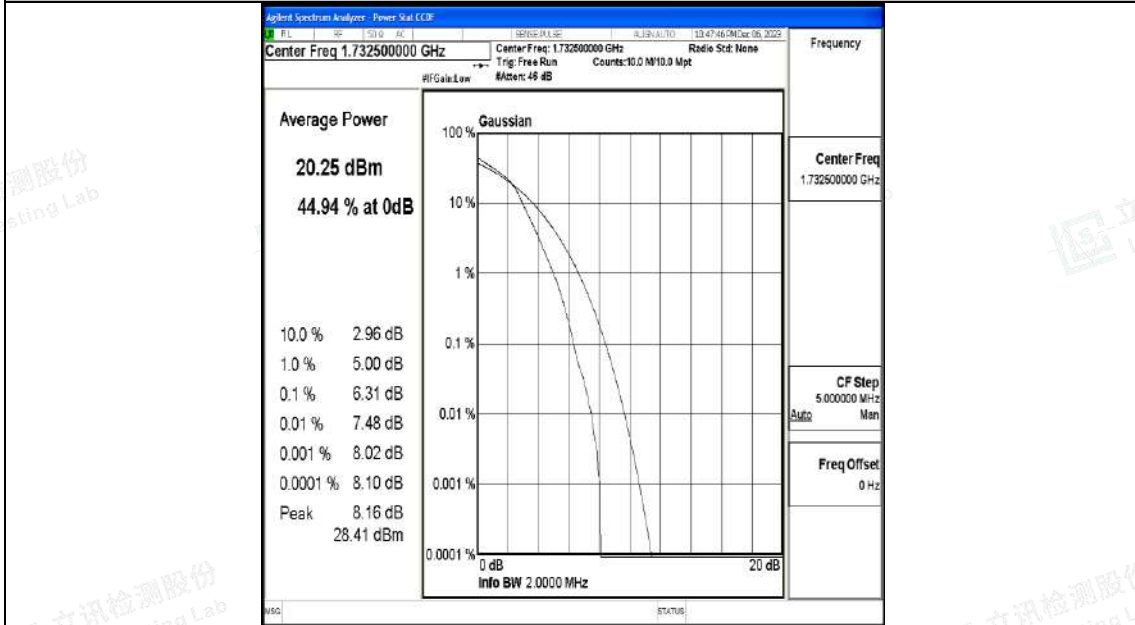


Band4-1.4MHz-16QAM-19957-6RB#0-PASS



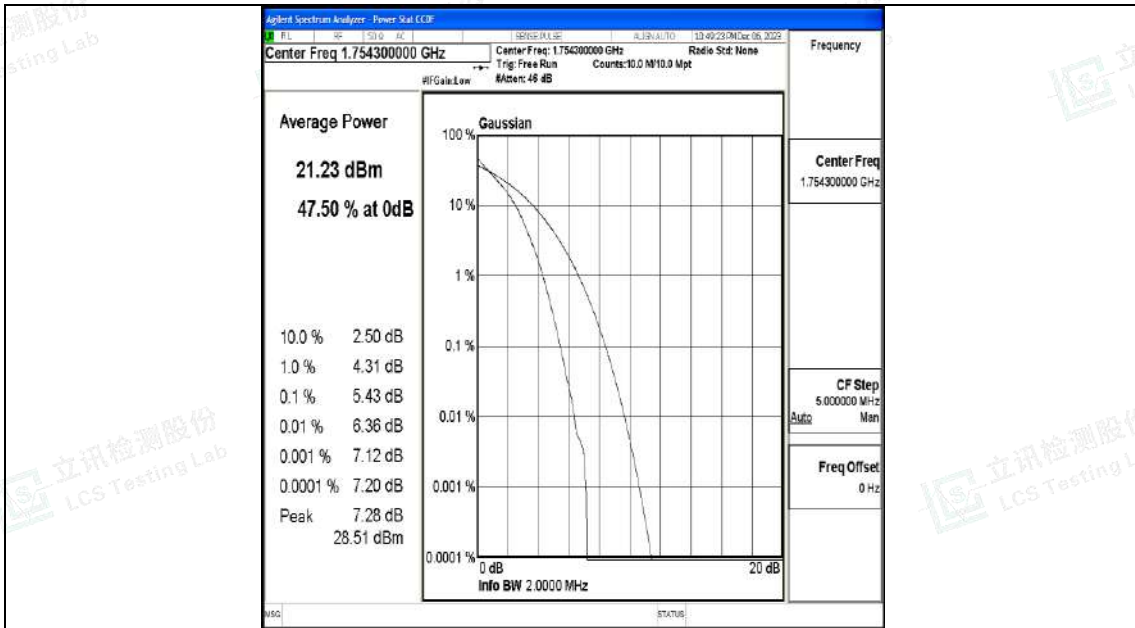


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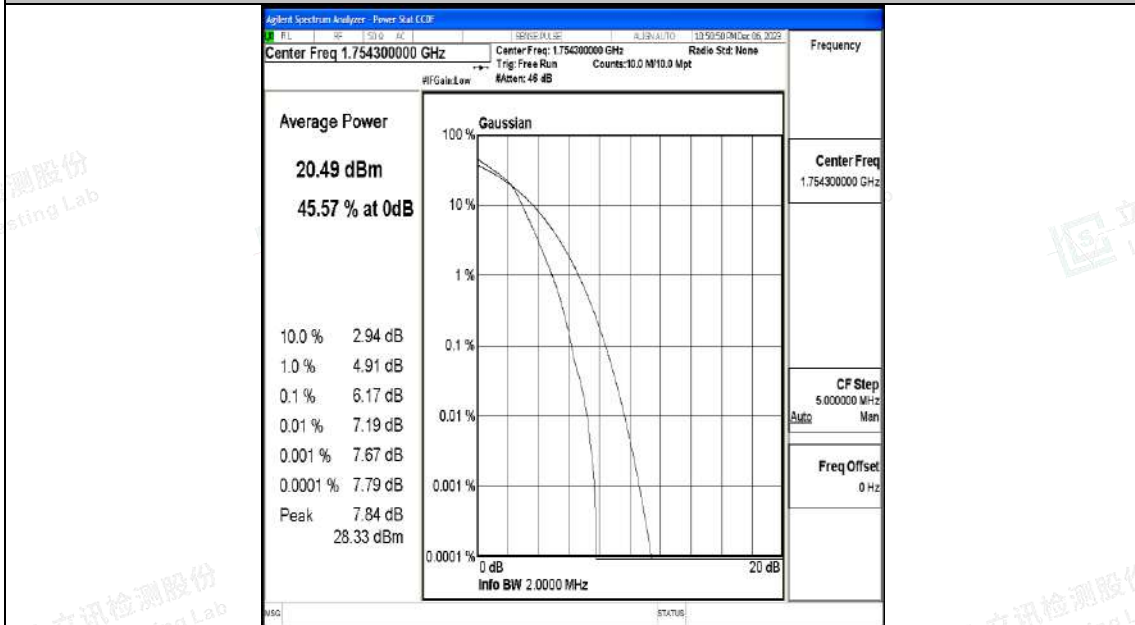


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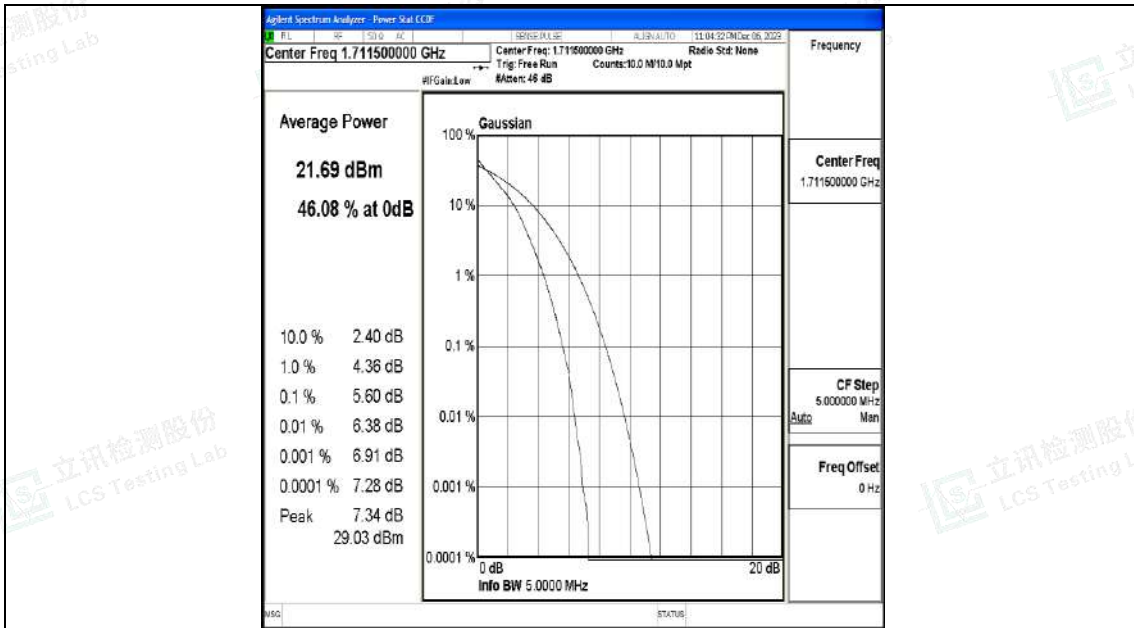


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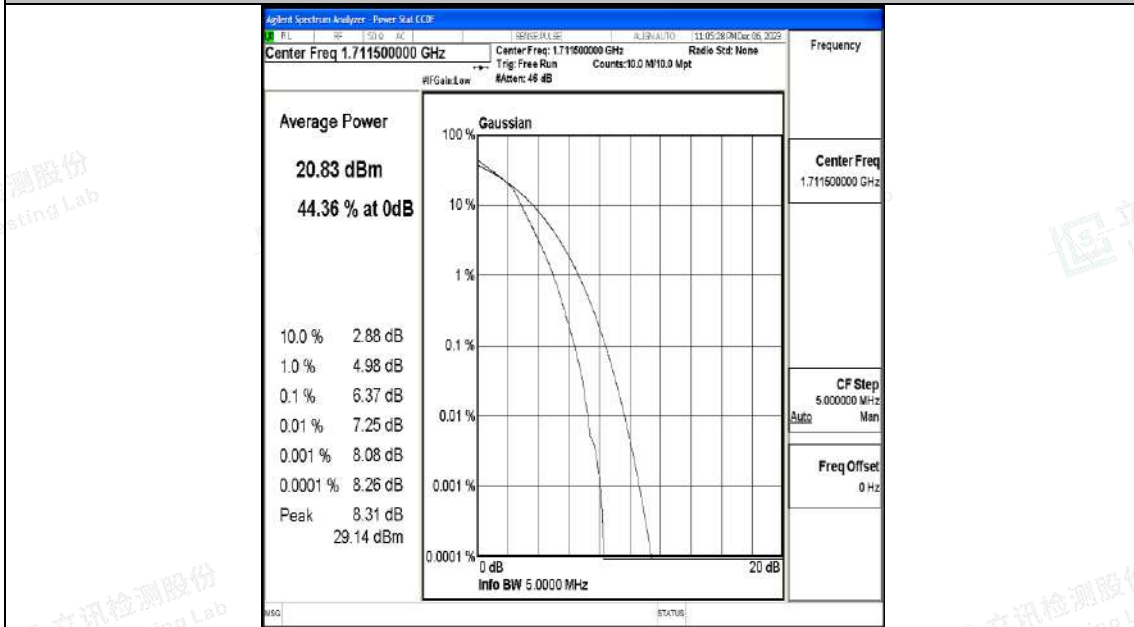


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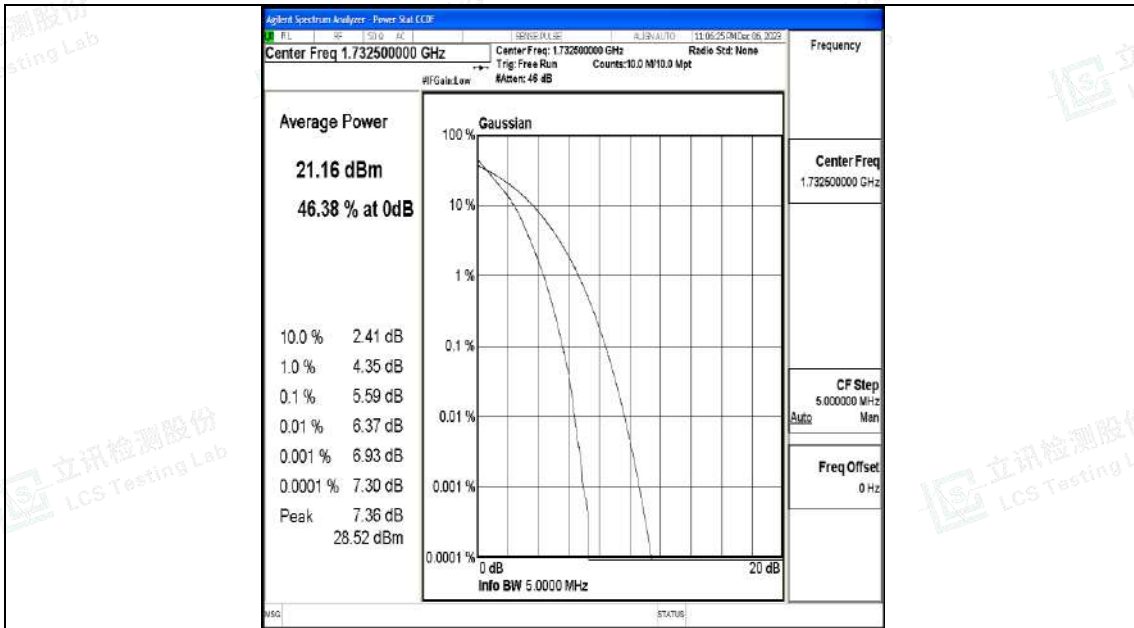
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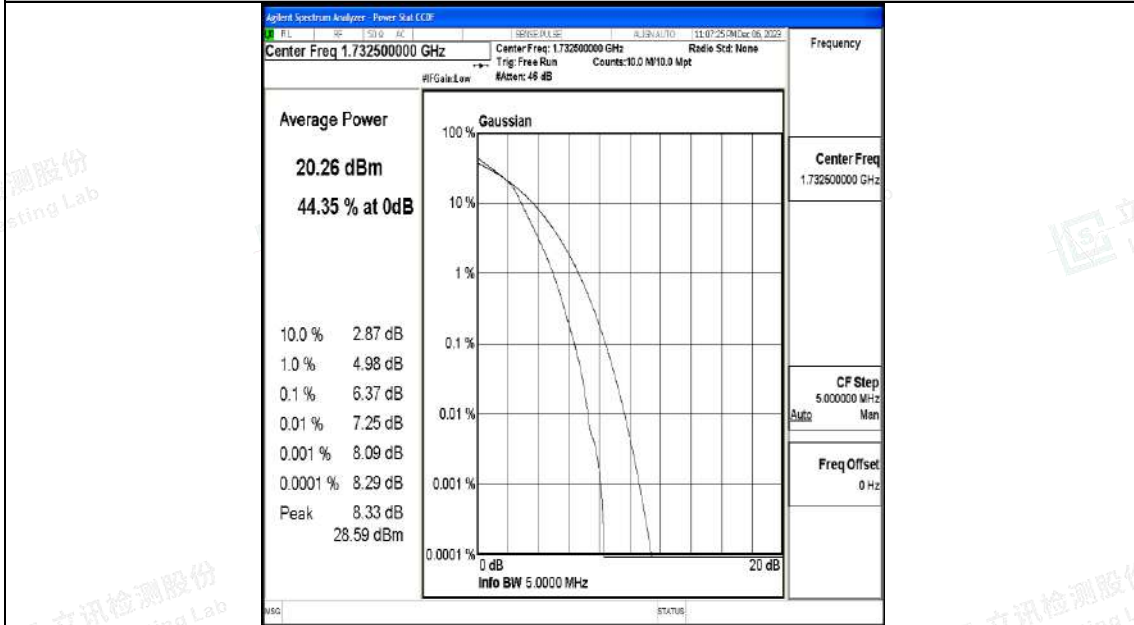
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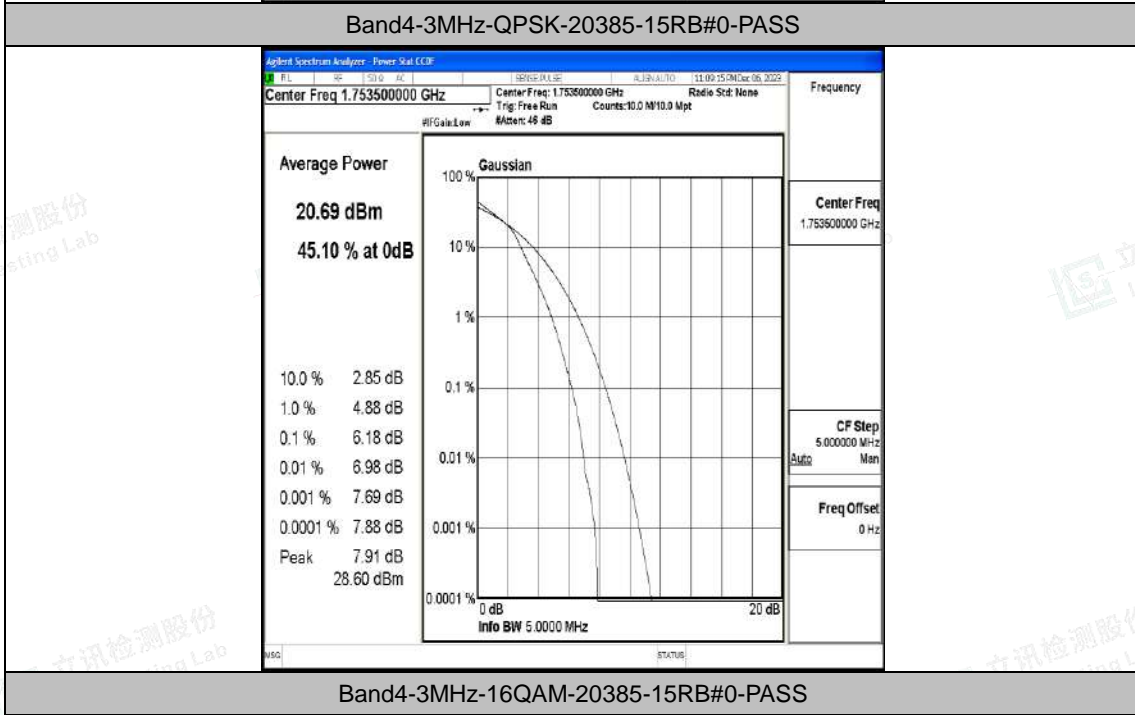
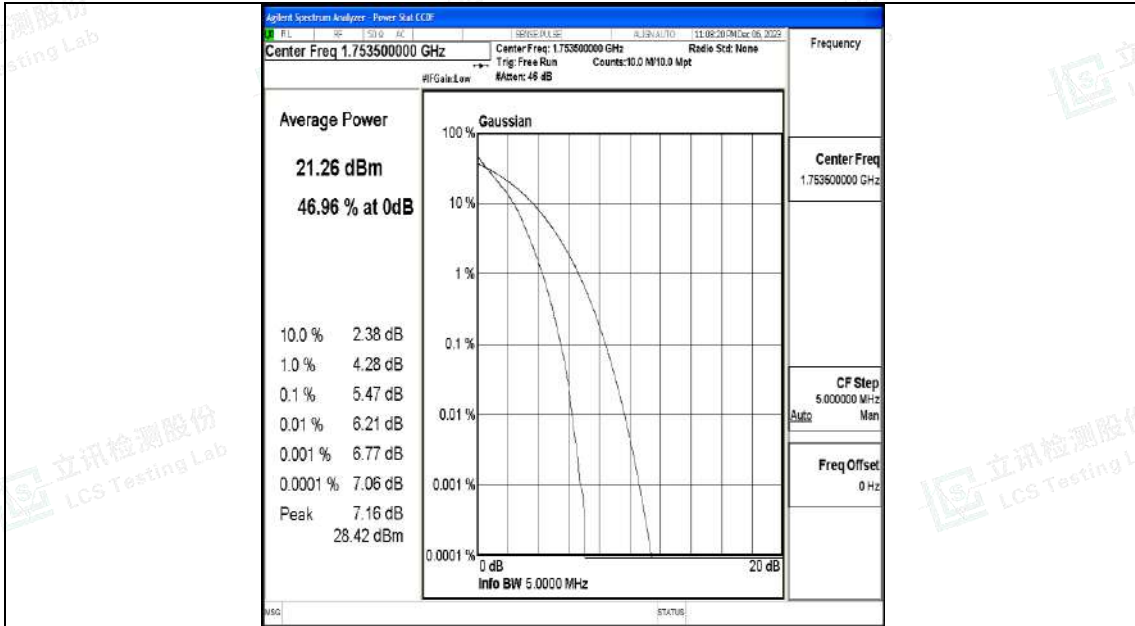


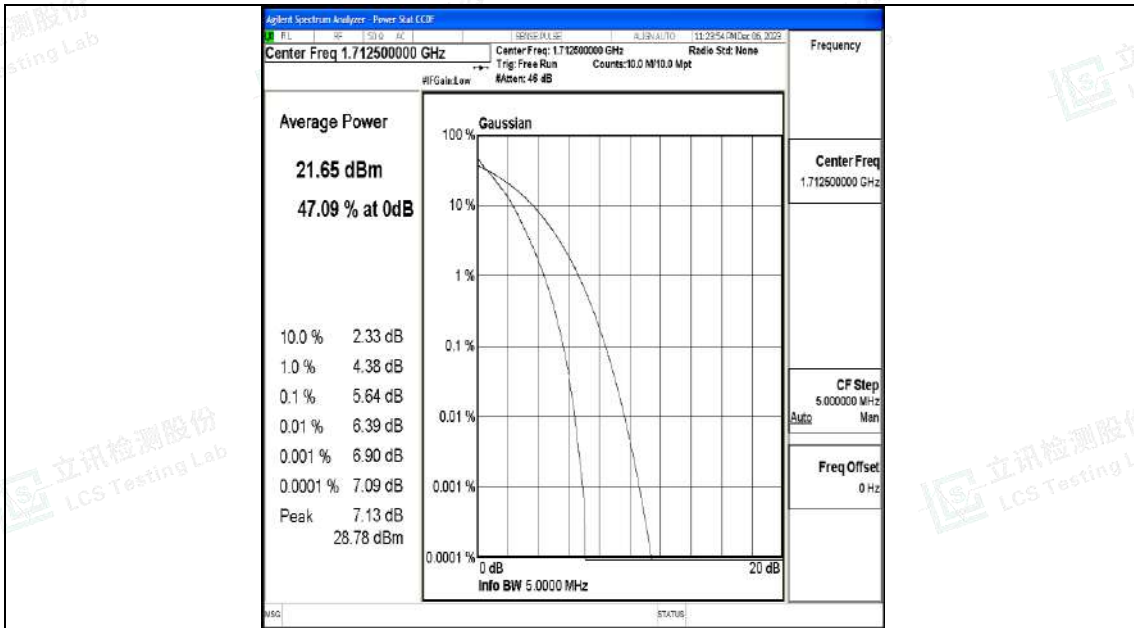
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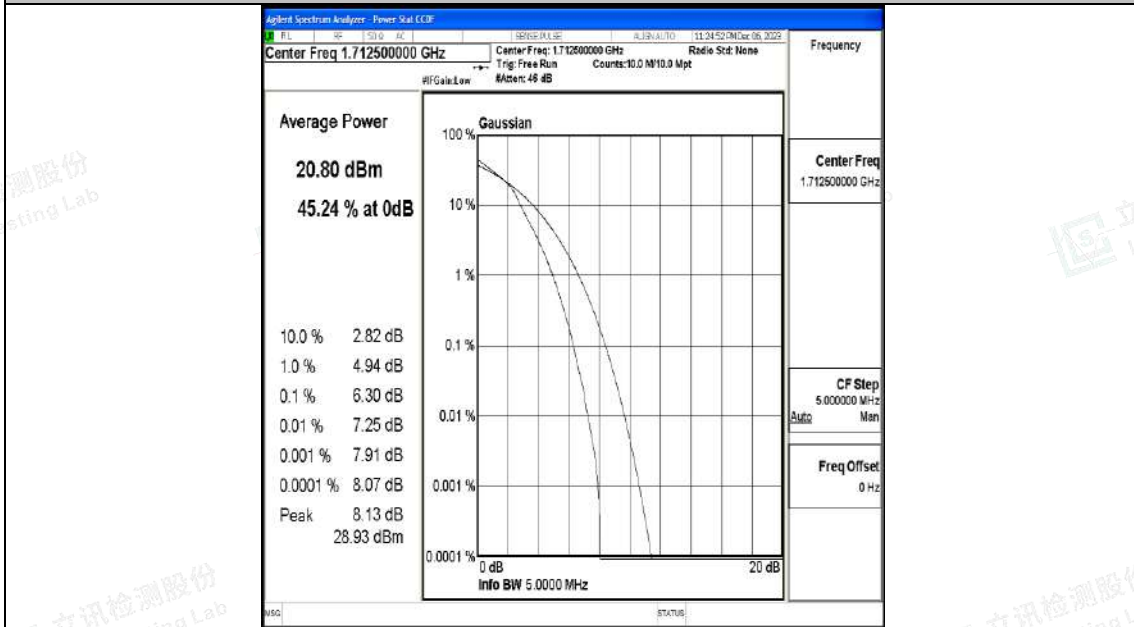
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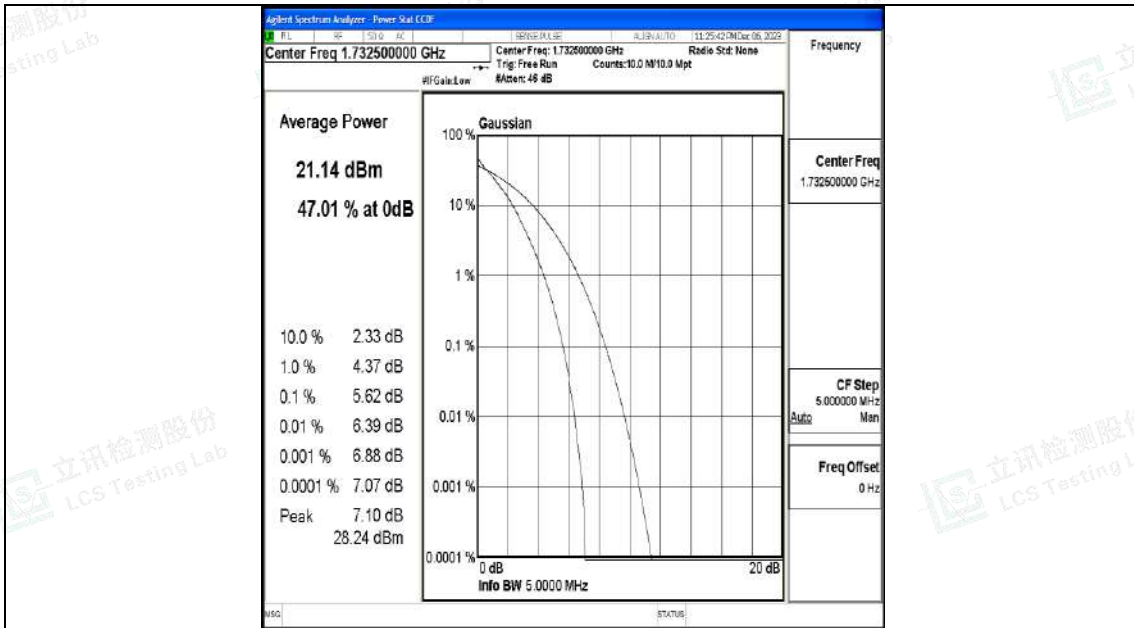


Band4-5MHz-QPSK-19975-25RB#0-PASS

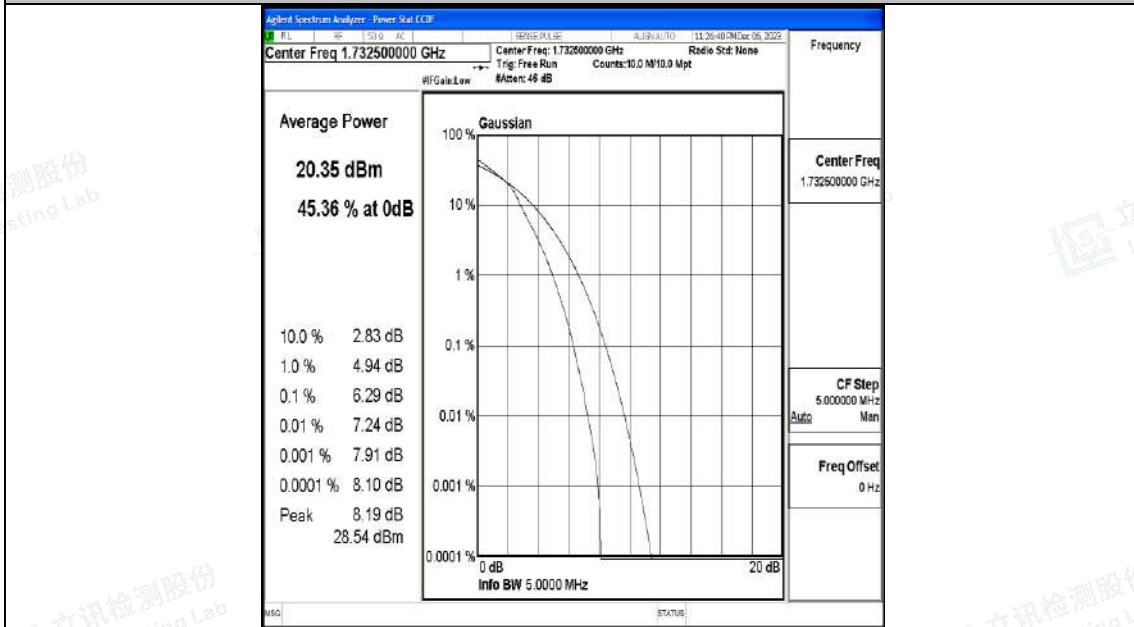


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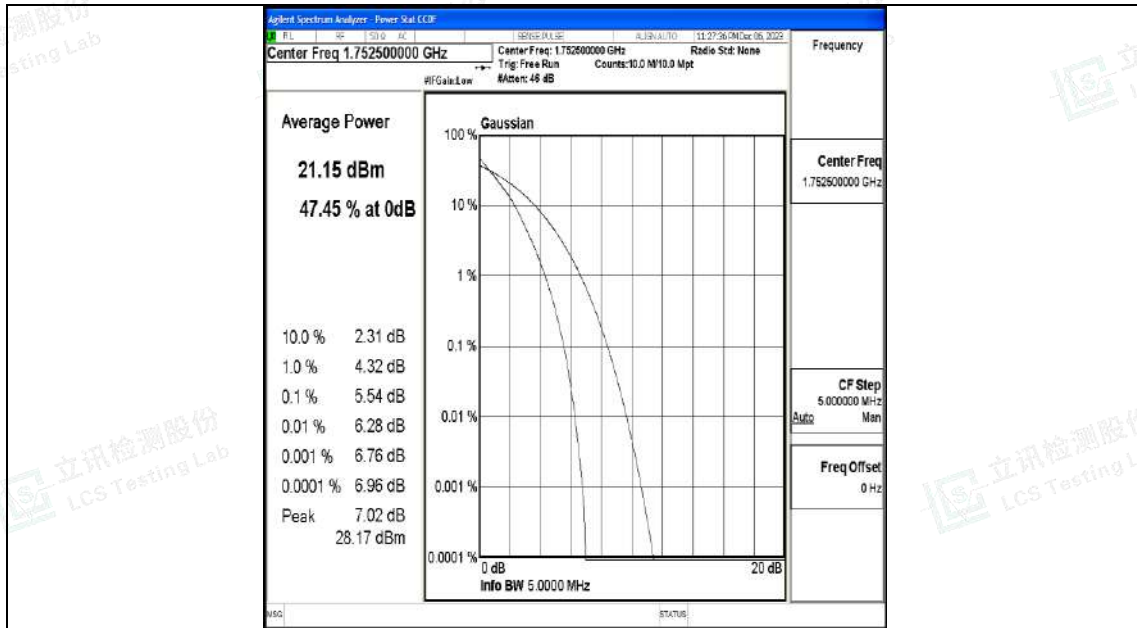


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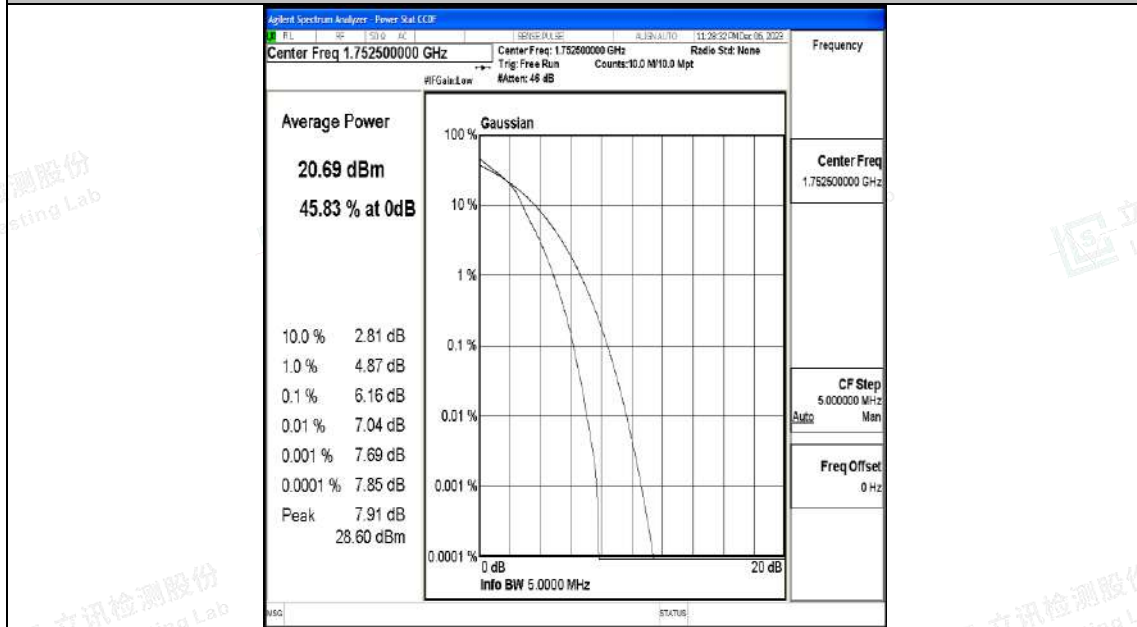


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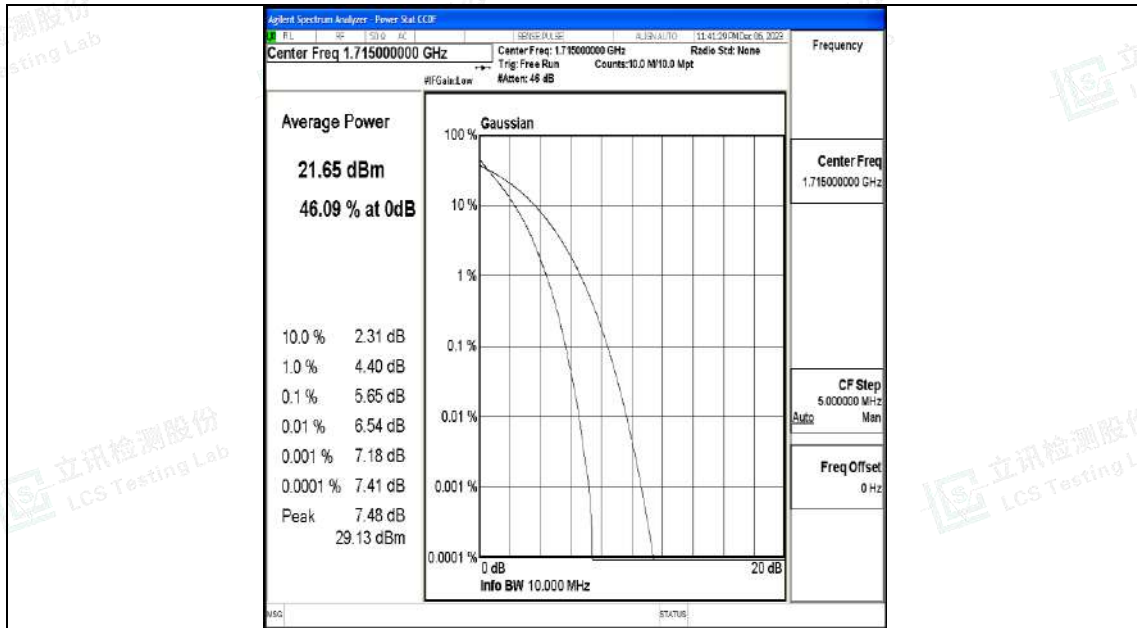
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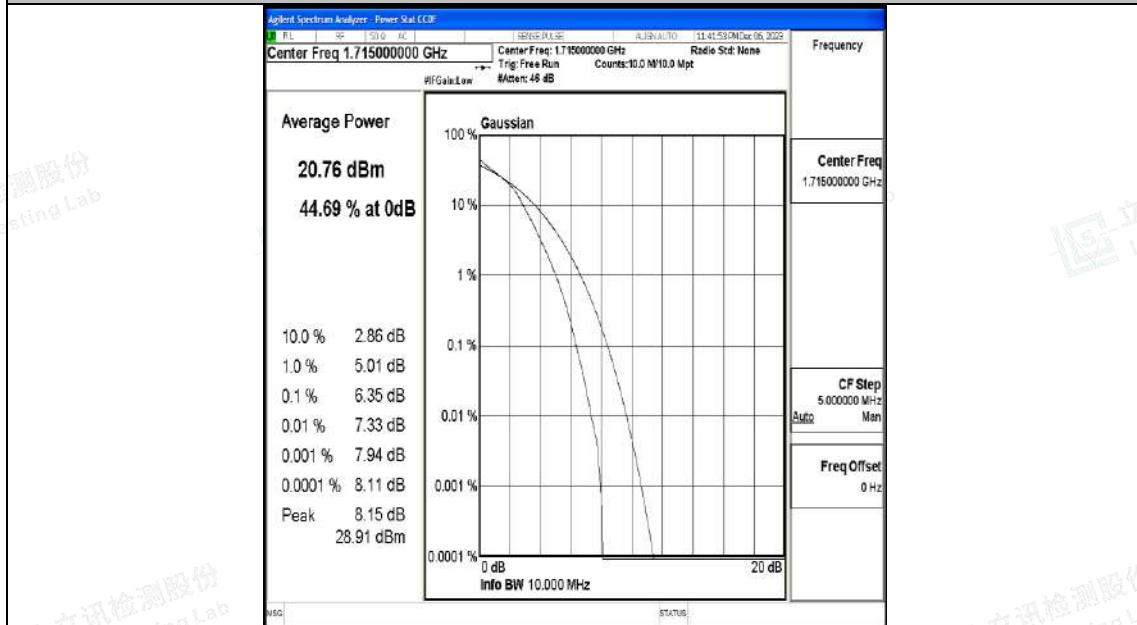
Band4-5MHz-16QAM-20375-25RB#0-PASS





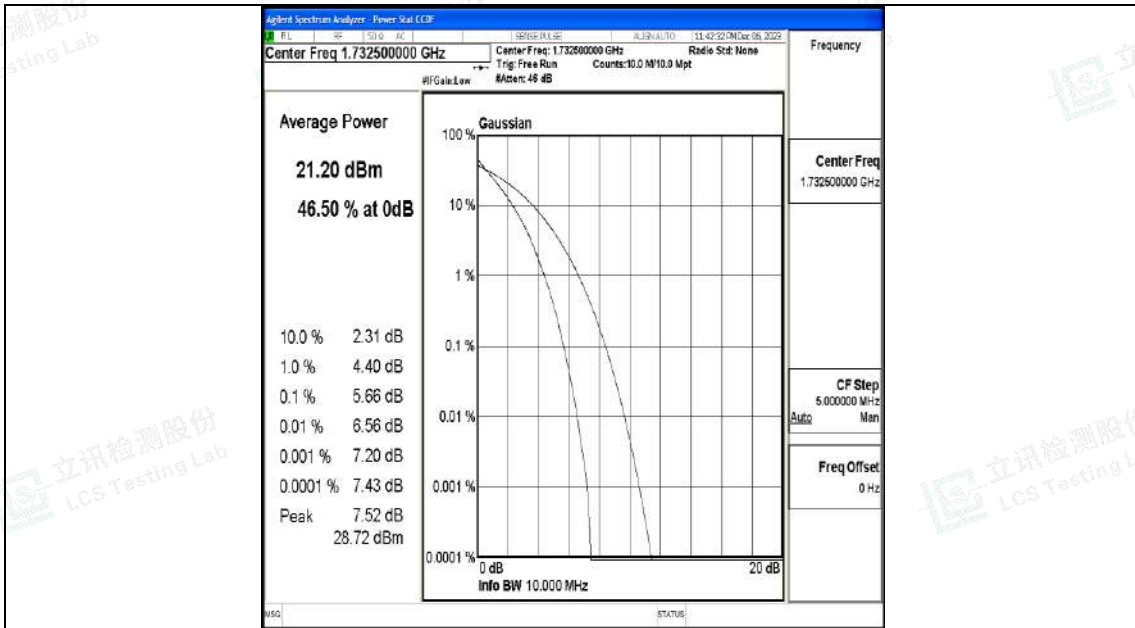


Band4-10MHz-QPSK-20000-50RB#0-PASS

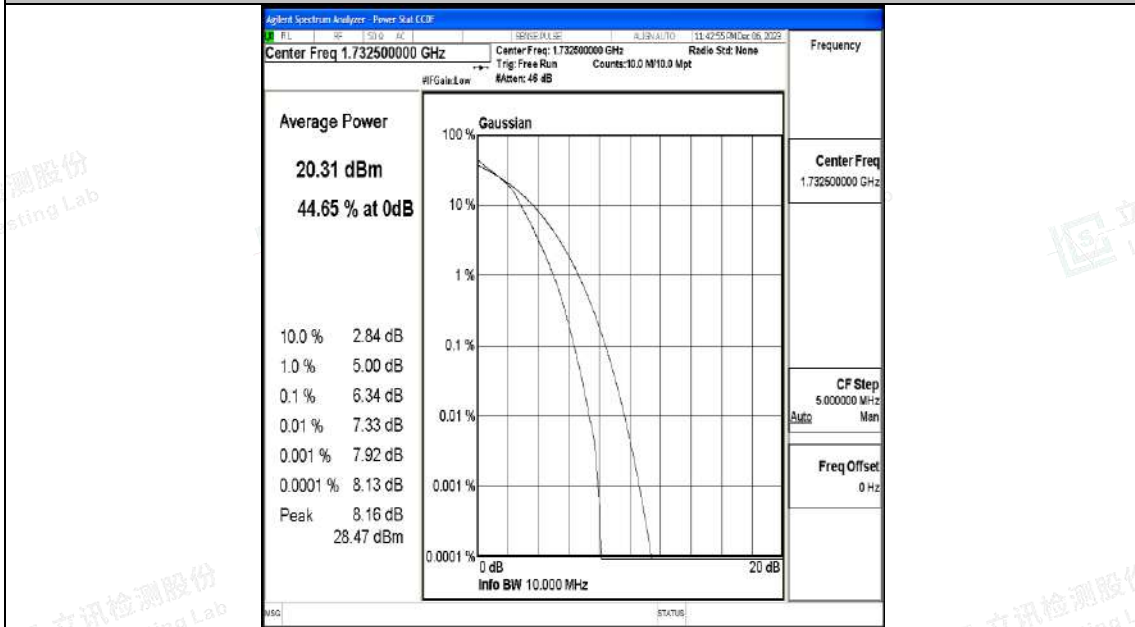


Band4-10MHz-16QAM-20000-50RB#0-PASS



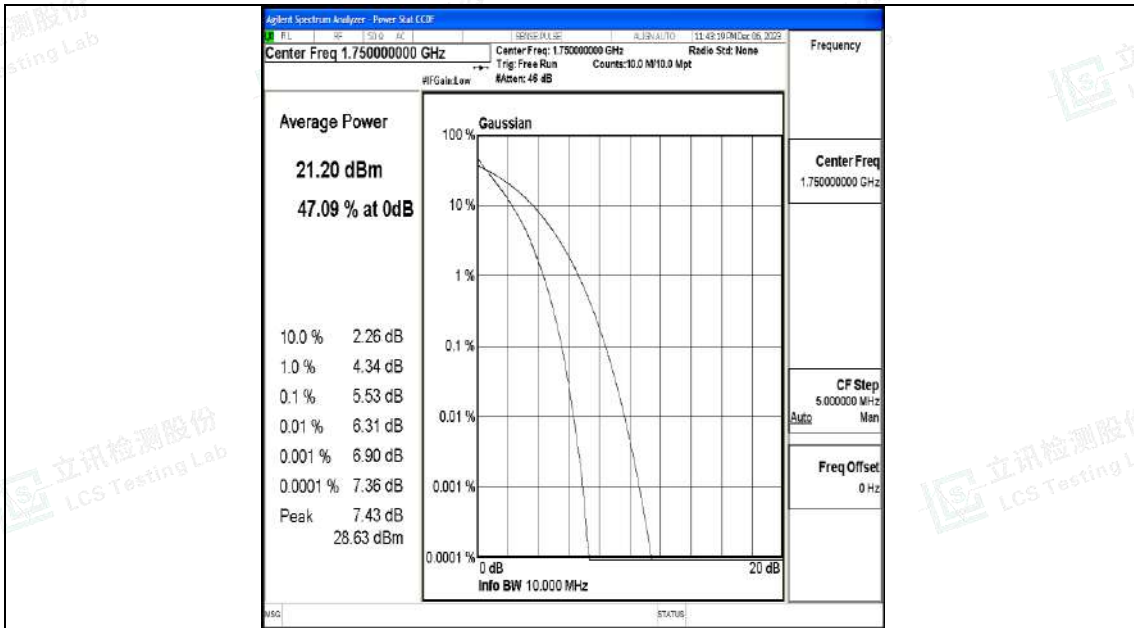


Band4-10MHz-QPSK-20175-50RB#0-PASS

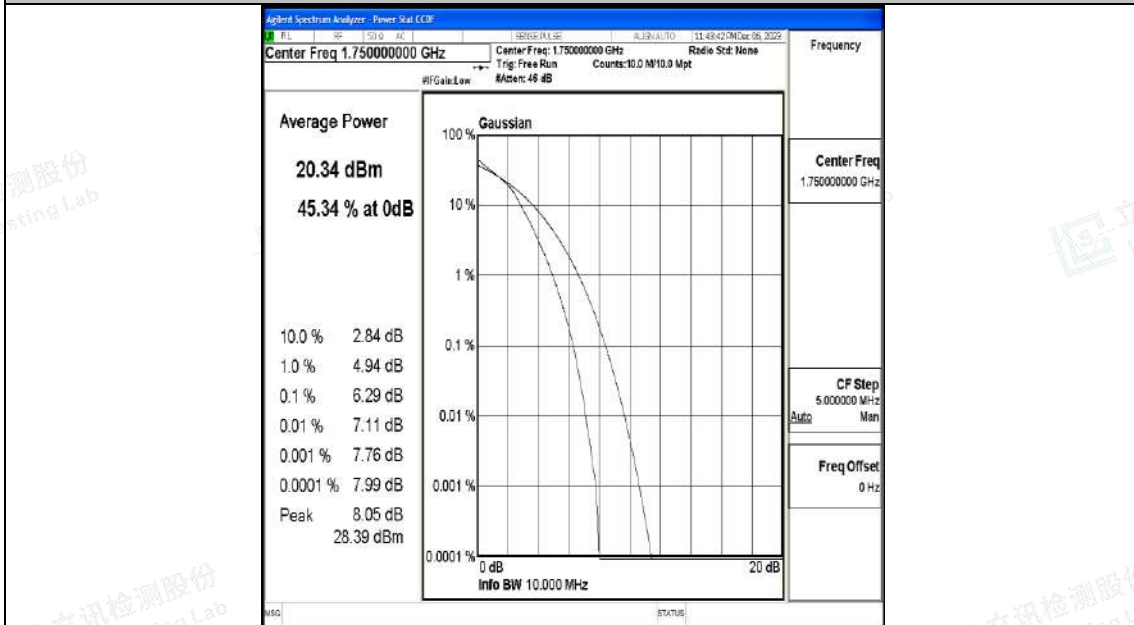


Band4-10MHz-16QAM-20175-50RB#0-PASS



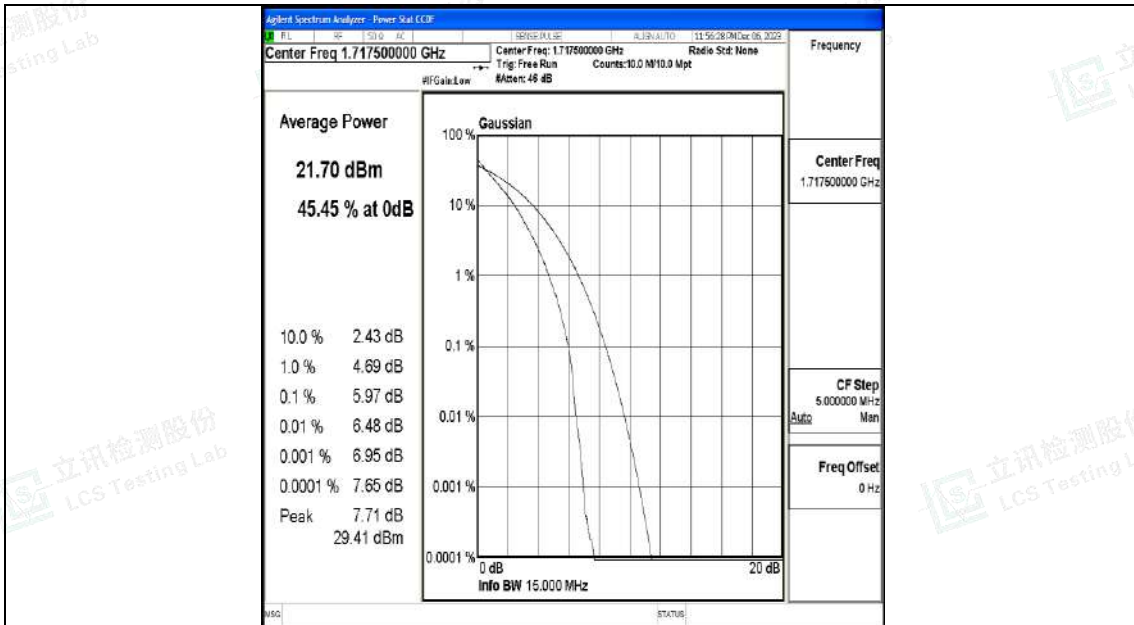


Band4-10MHz-QPSK-20350-50RB#0-PASS

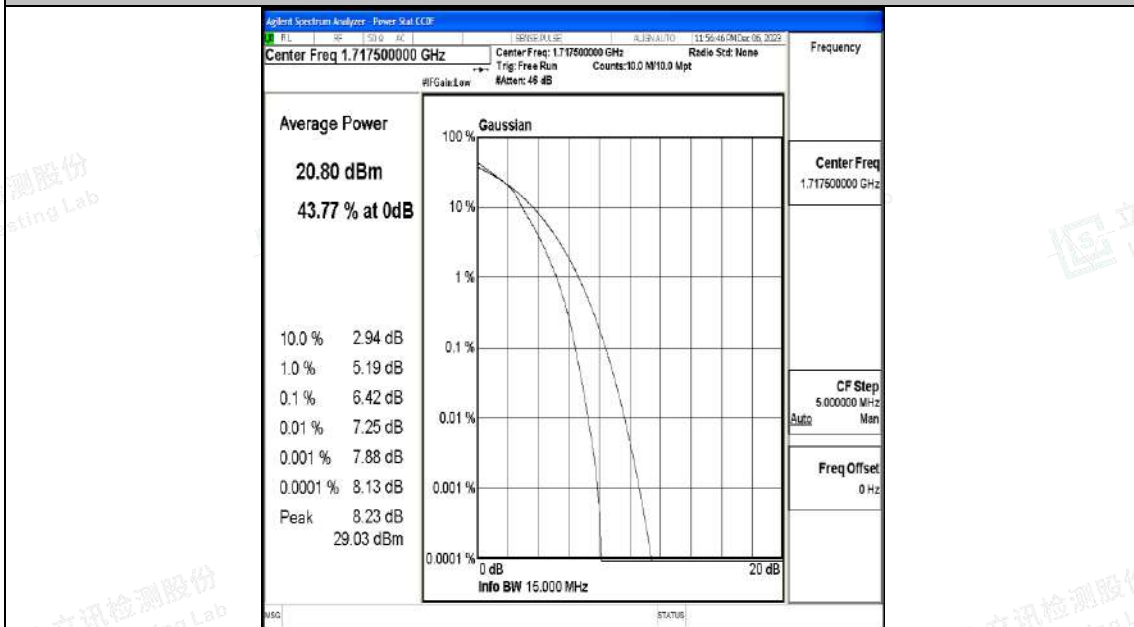


Band4-10MHz-16QAM-20350-50RB#0-PASS



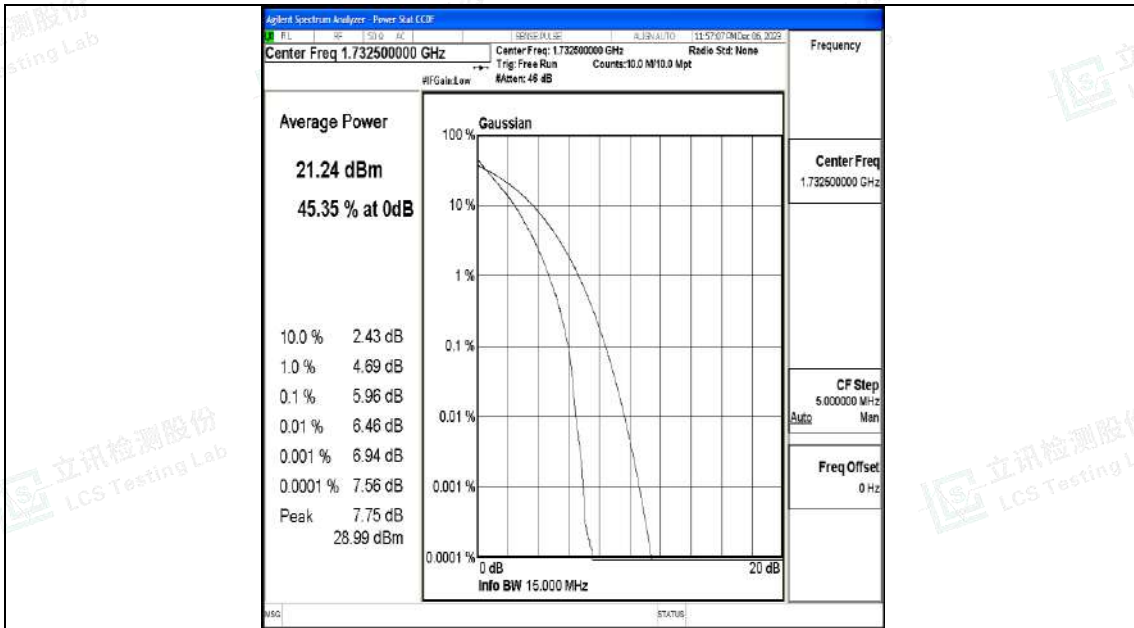


Band4-15MHz-QPSK-20025-75RB#0-PASS

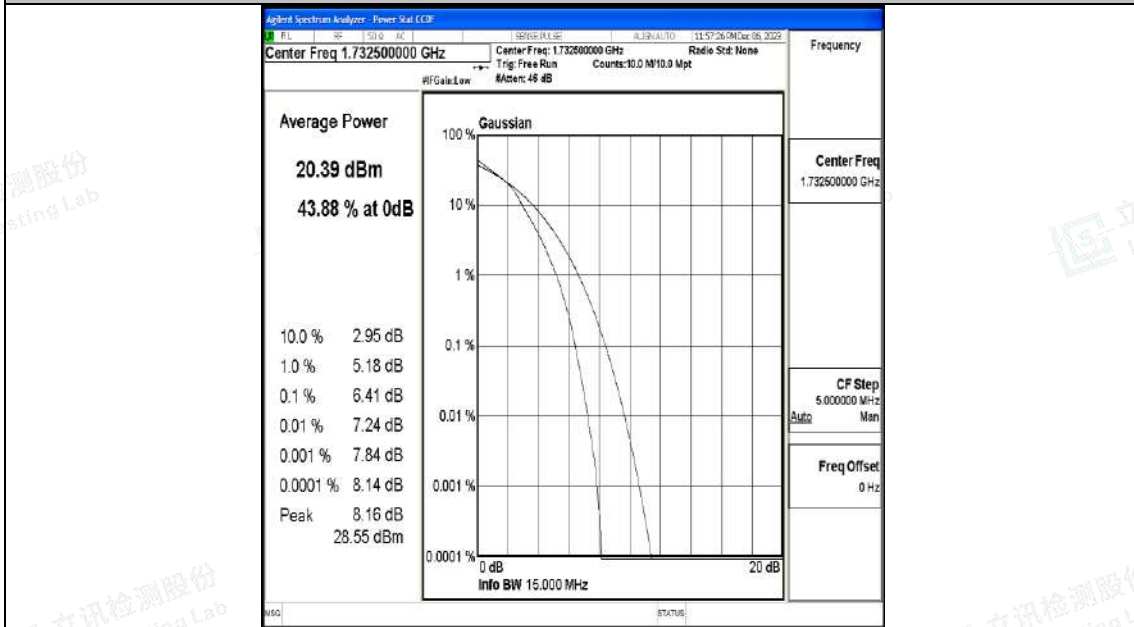


Band4-15MHz-16QAM-20025-75RB#0-PASS





Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-75RB#0-PASS



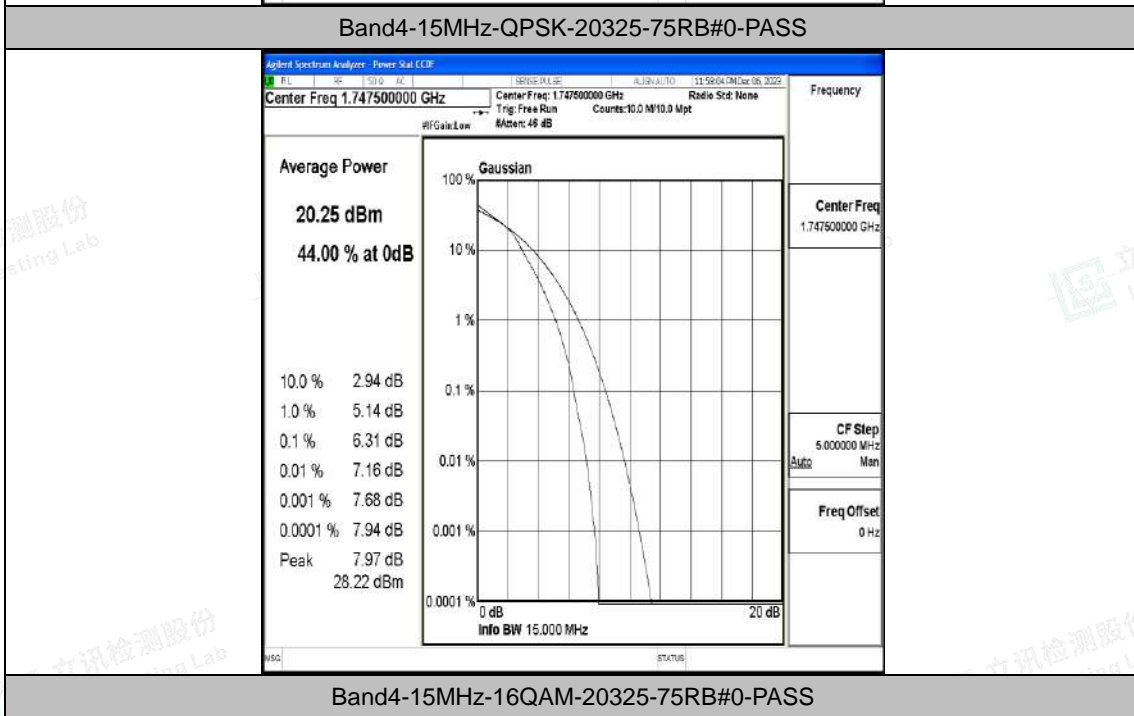
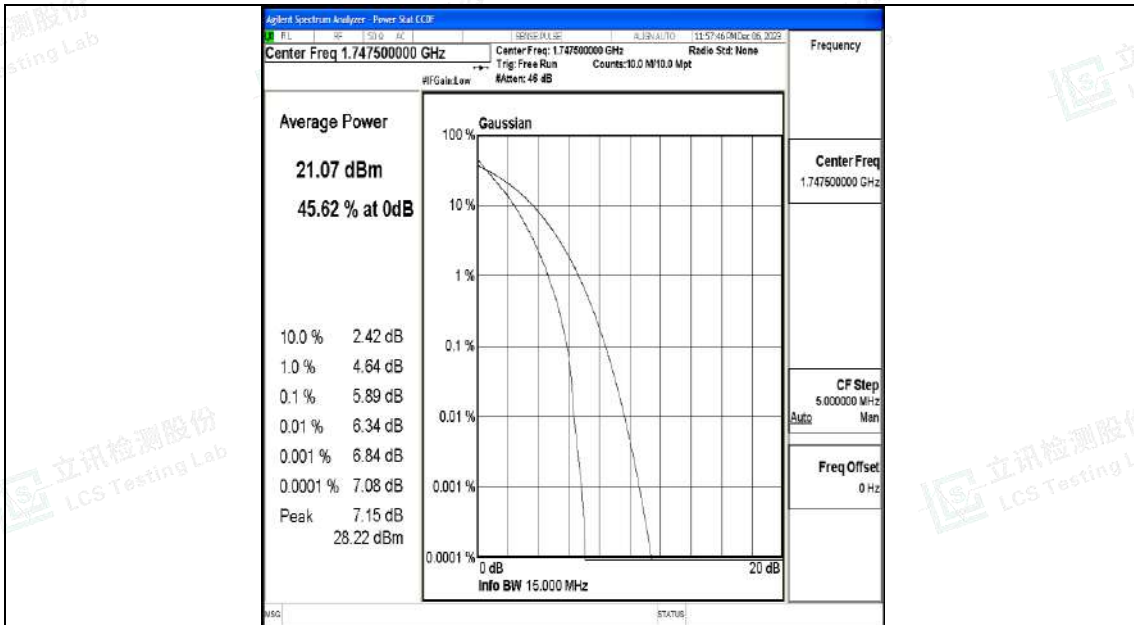
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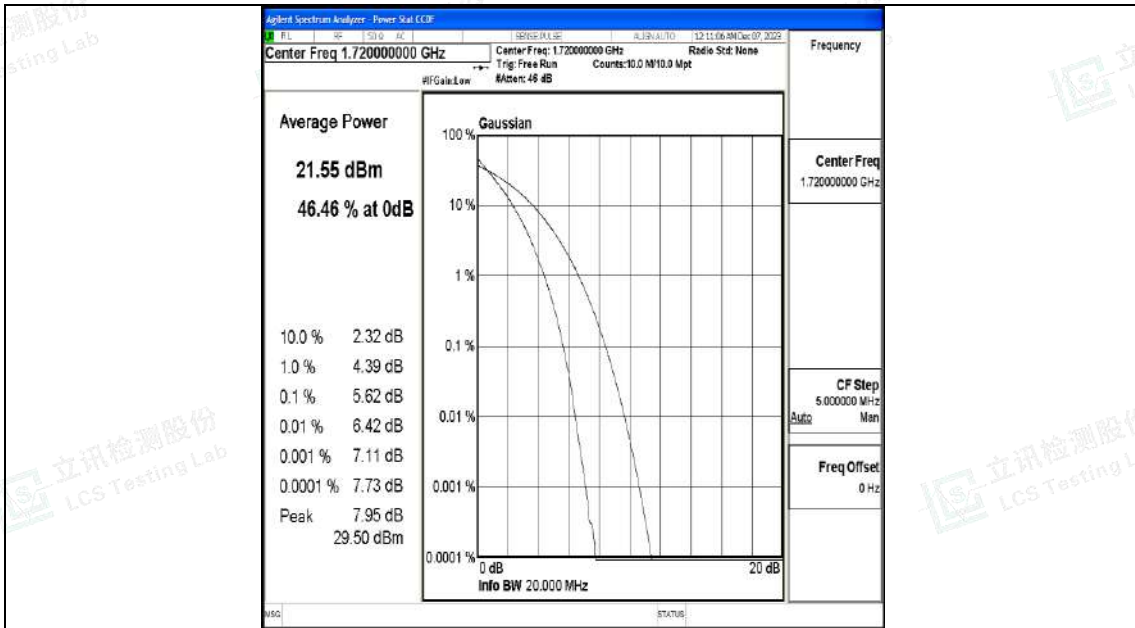
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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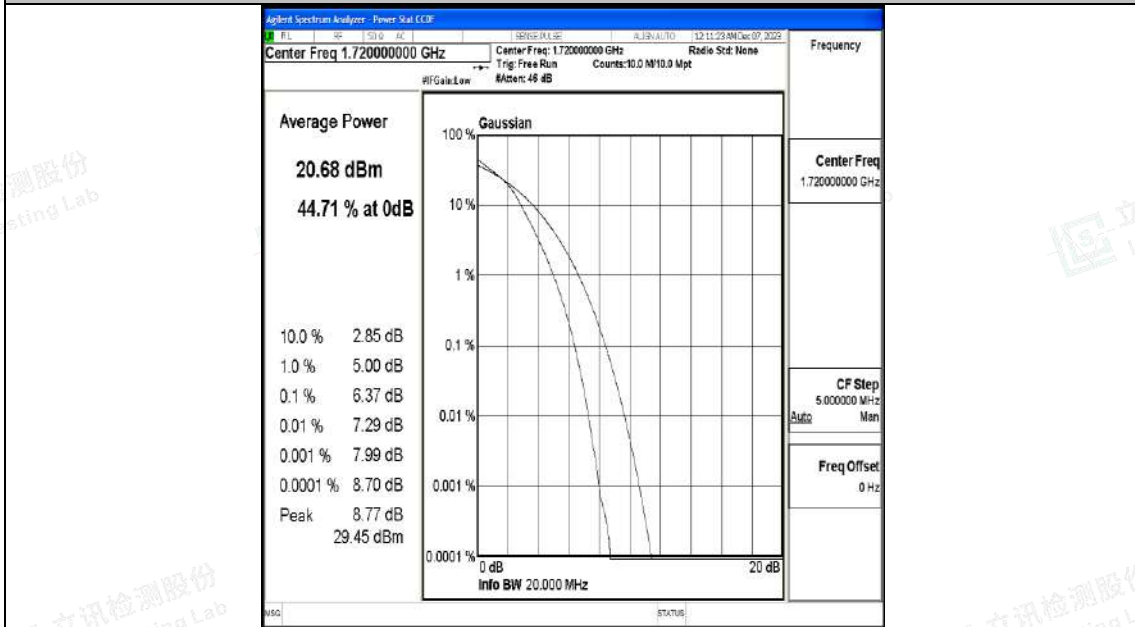
Scan code to check authenticity





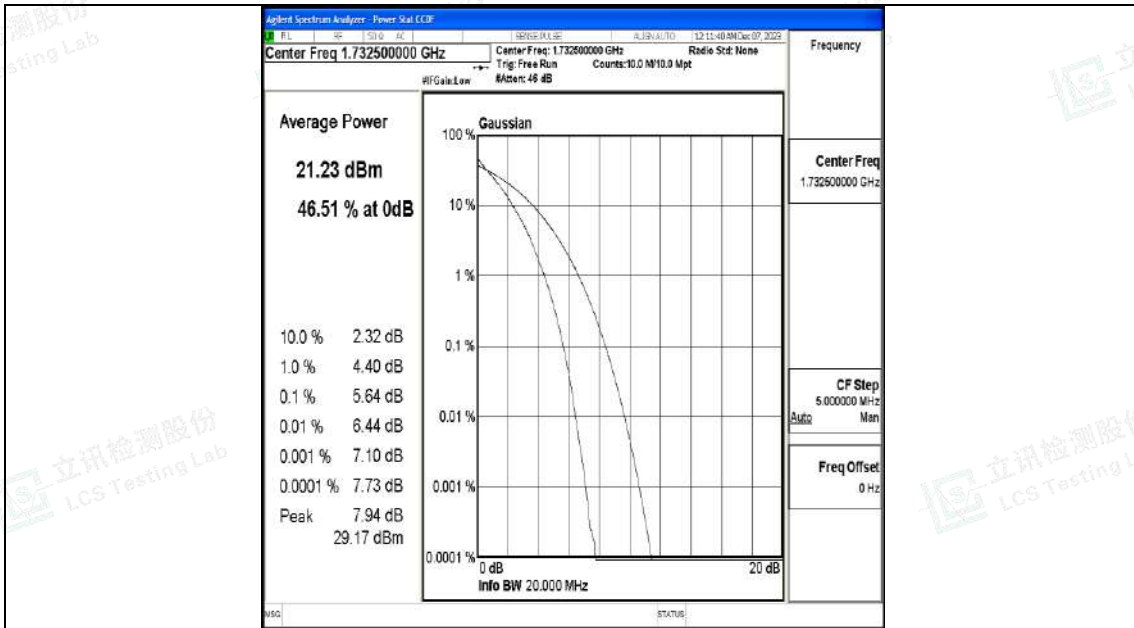


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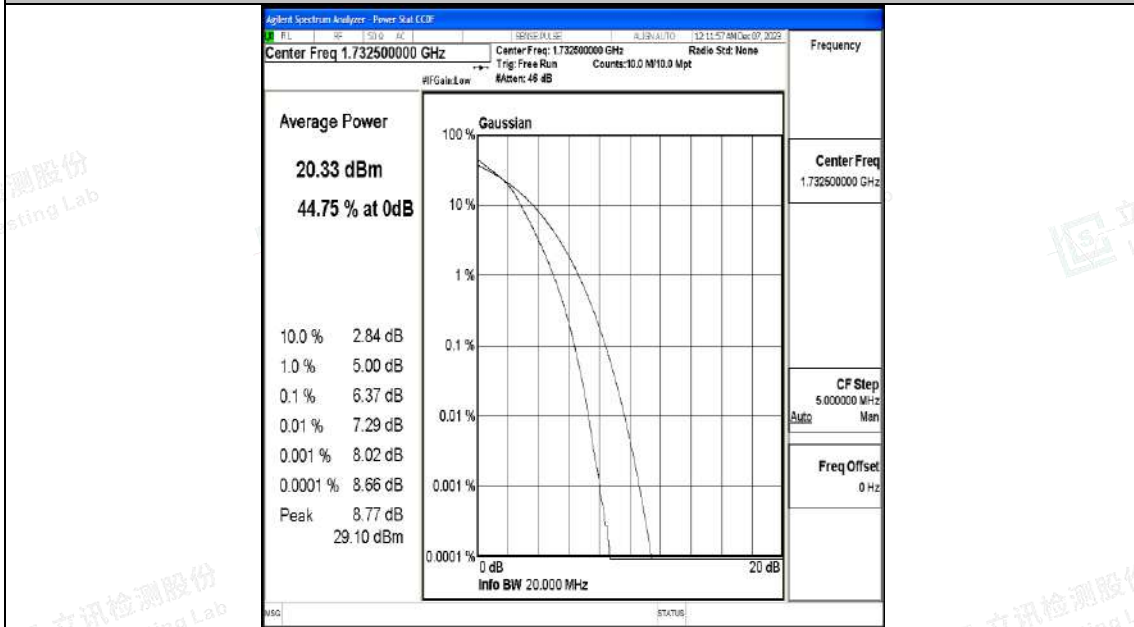


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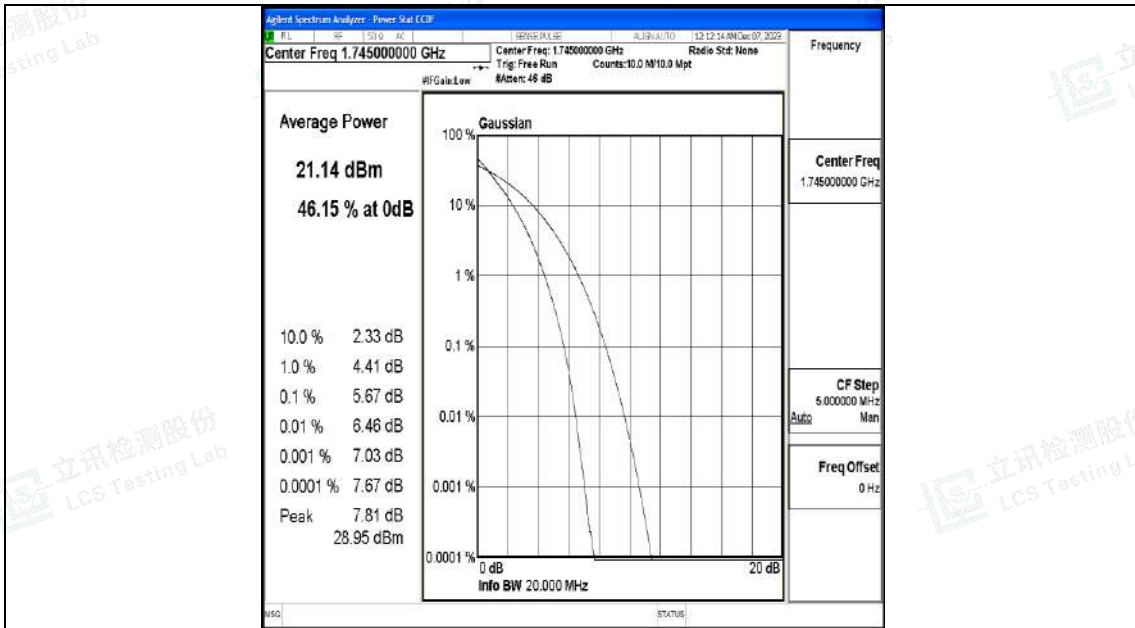


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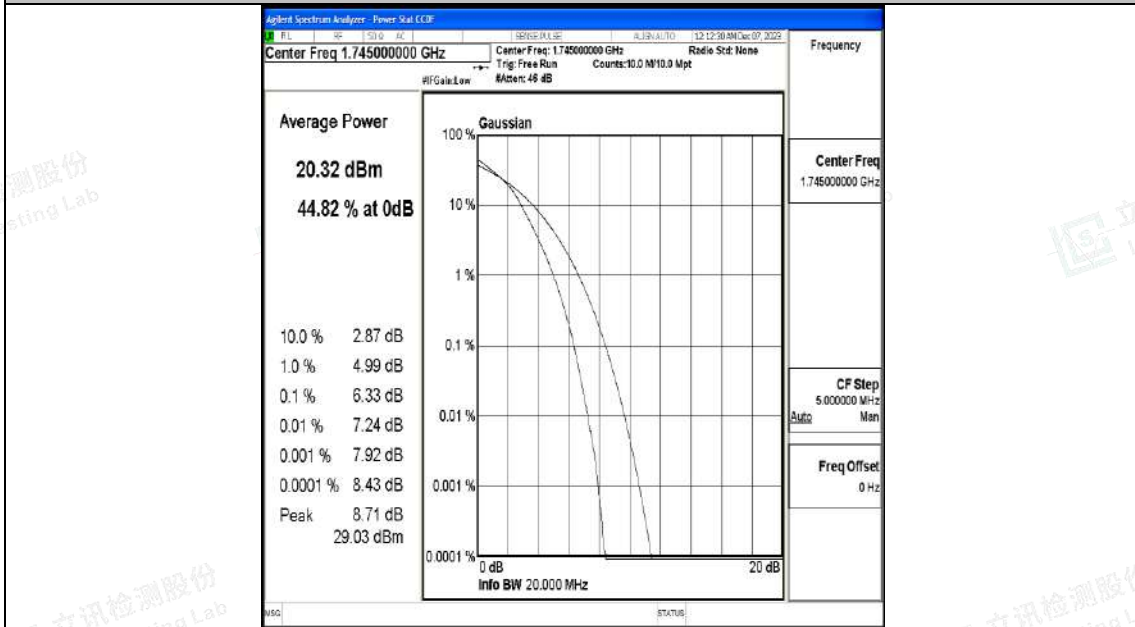


Band4-20MHz-16QAM-20175-100RB#0-PASS





Band4-20MHz-QPSK-20300-100RB#0-PASS



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





### E.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0954	1.347	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1070	1.353	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0960	1.326	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1052	1.318	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0947	1.325	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1022	1.294	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7142	3.062	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6965	3.029	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7112	3.060	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6961	3.029	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7006	3.042	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7002	3.025	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5051	4.986	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4981	4.966	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5056	4.973	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5016	4.985	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5070	4.991	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5038	5.000	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9972	9.900	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9819	9.929	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0145	9.924	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9680	9.895	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0120	9.848	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0082	9.921	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.500	15.02	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.487	14.92	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.501	14.90	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.465	14.84	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.464	15.01	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.484	14.90	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.982	19.64	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.941	19.81	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.003	19.77	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.008	19.75	PASS



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 Scan code to check authenticity



Band4	20MHz	QPSK	20300	100RB#0	18.067	19.78	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.998	19.74	PASS

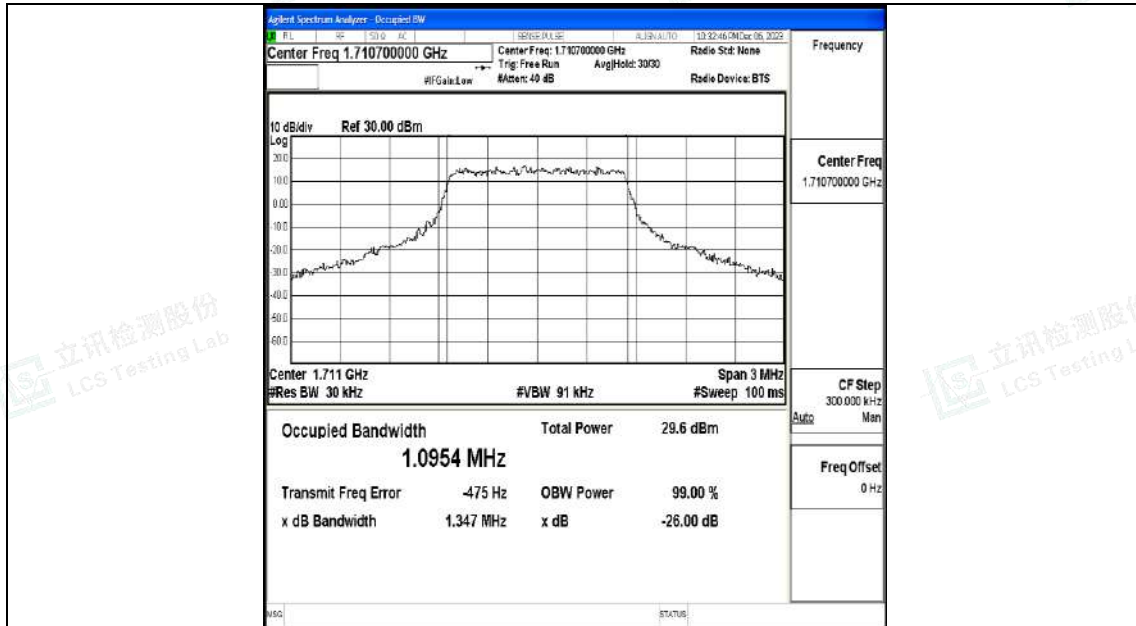


Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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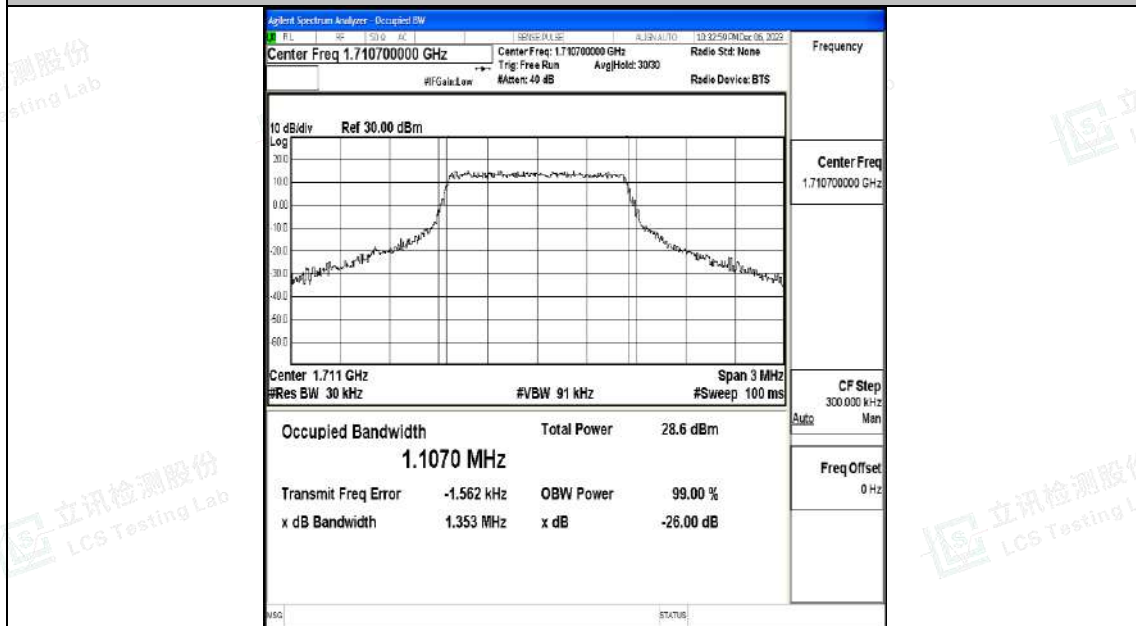




### Test Graphs

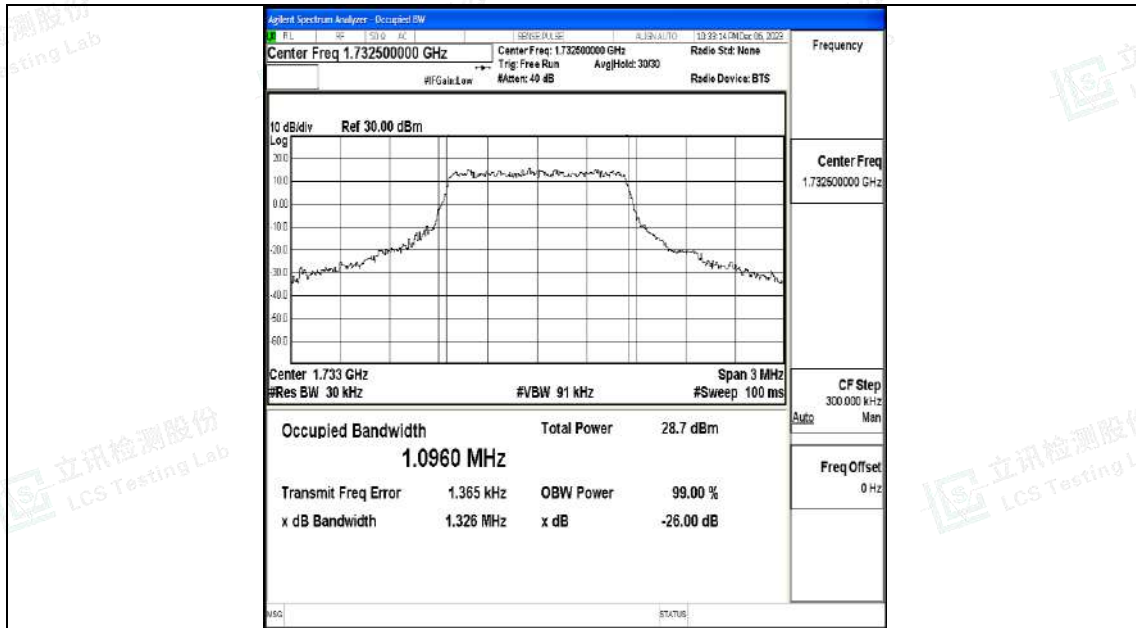


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

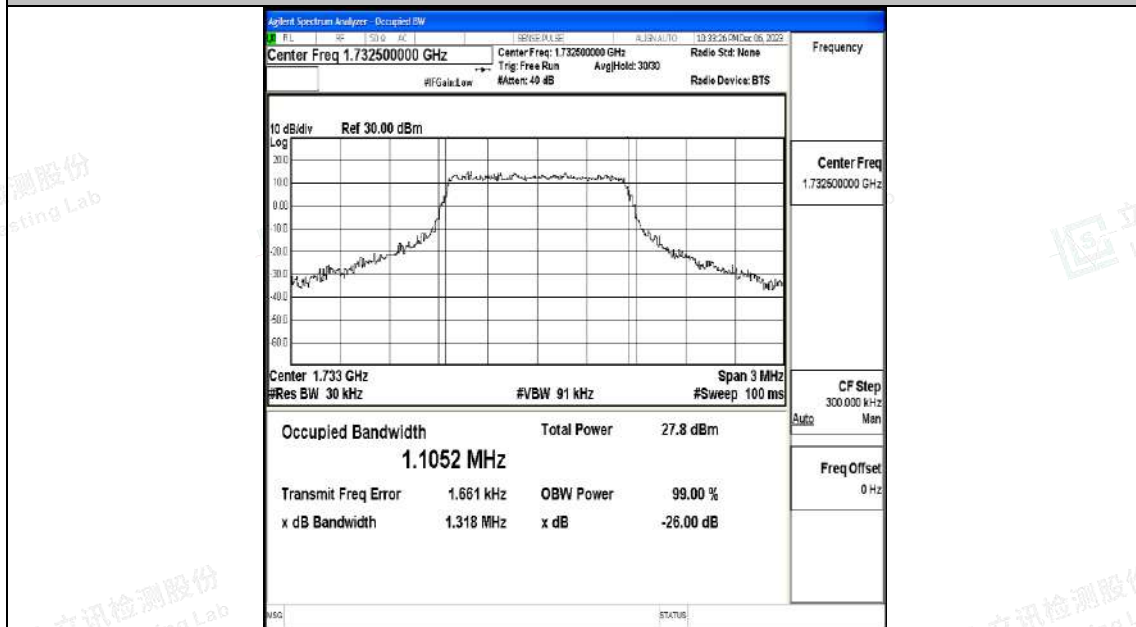


Band4-1.4MHz-16QAM-19957-6RB#0-PASS



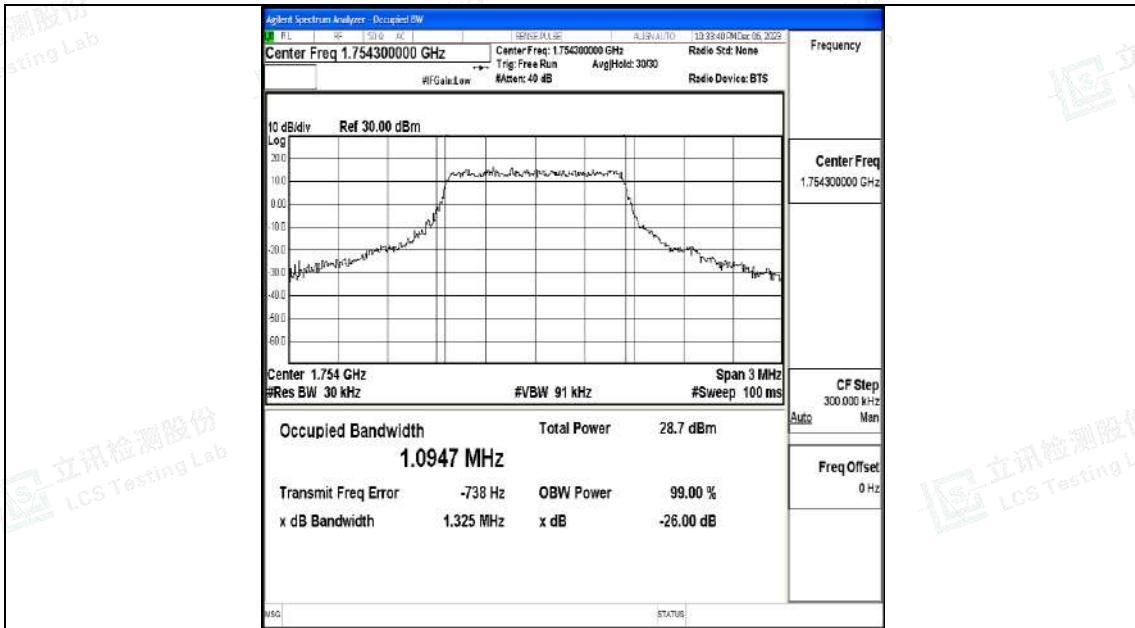


Band4-1.4MHz-QPSK-20175-6RB#0-PASS

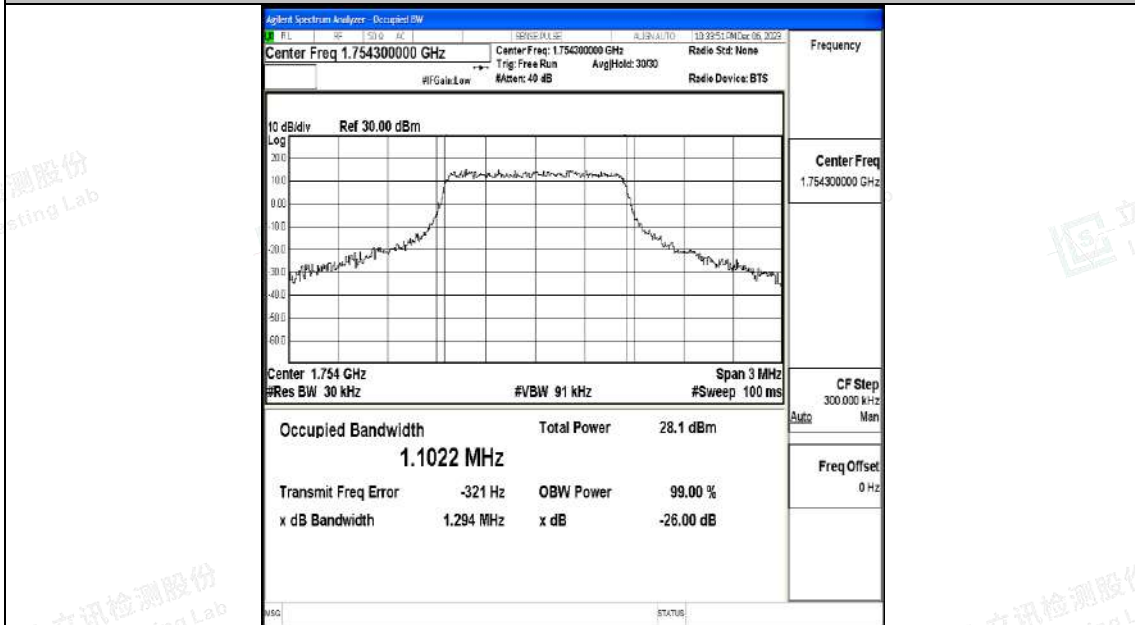


Band4-1.4MHz-16QAM-20175-6RB#0-PASS



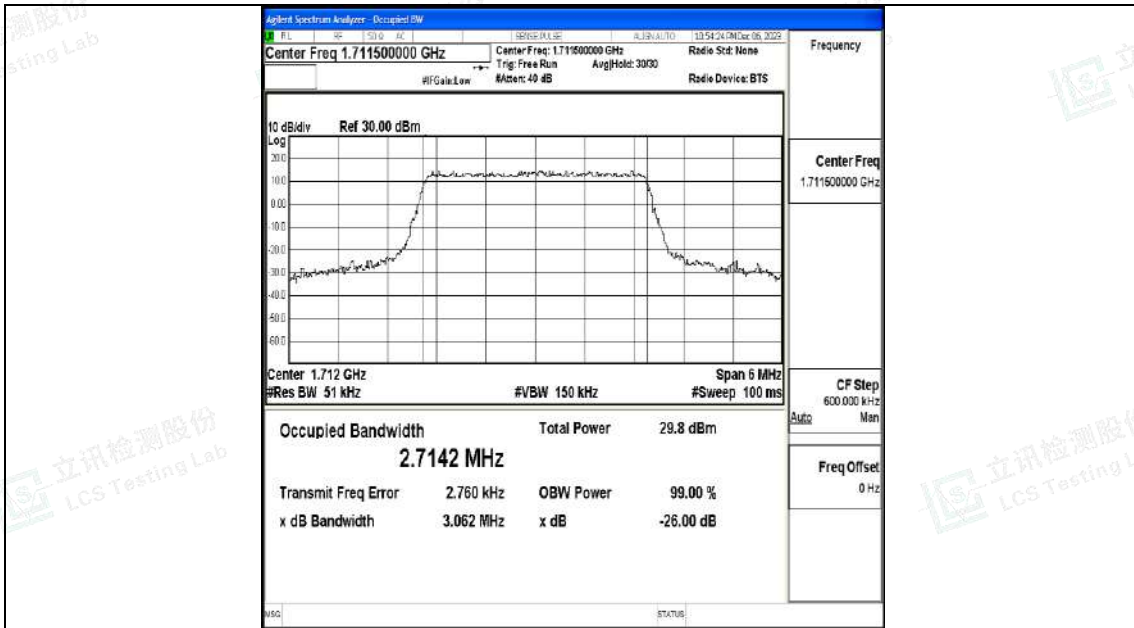


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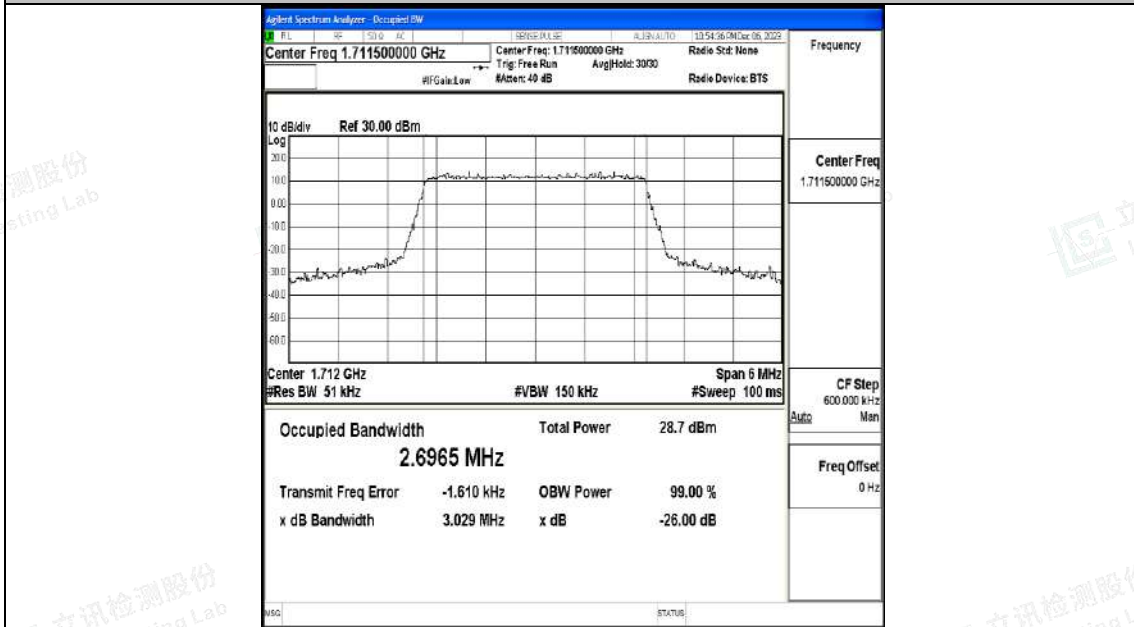


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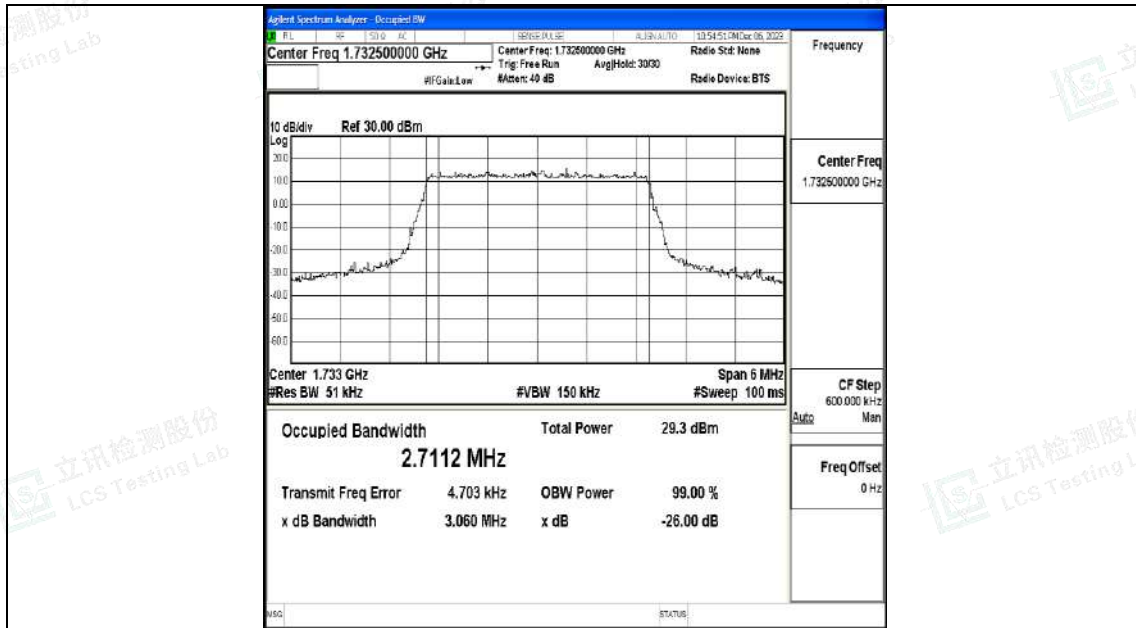


Band4-3MHz-QPSK-19965-15RB#0-PASS

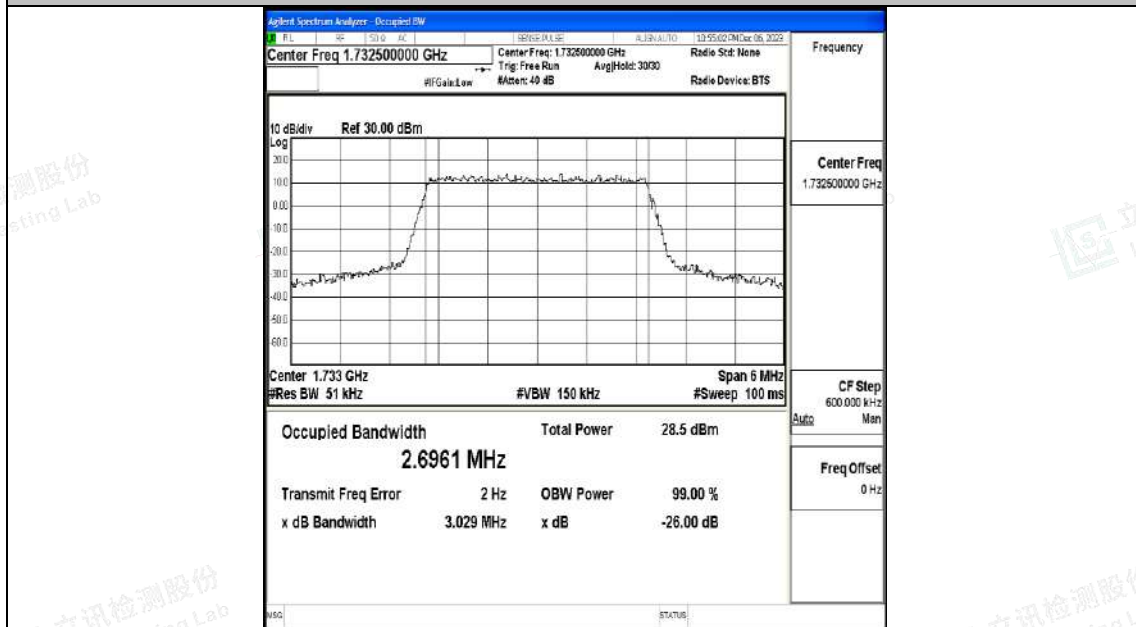


Band4-3MHz-16QAM-19965-15RB#0-PASS





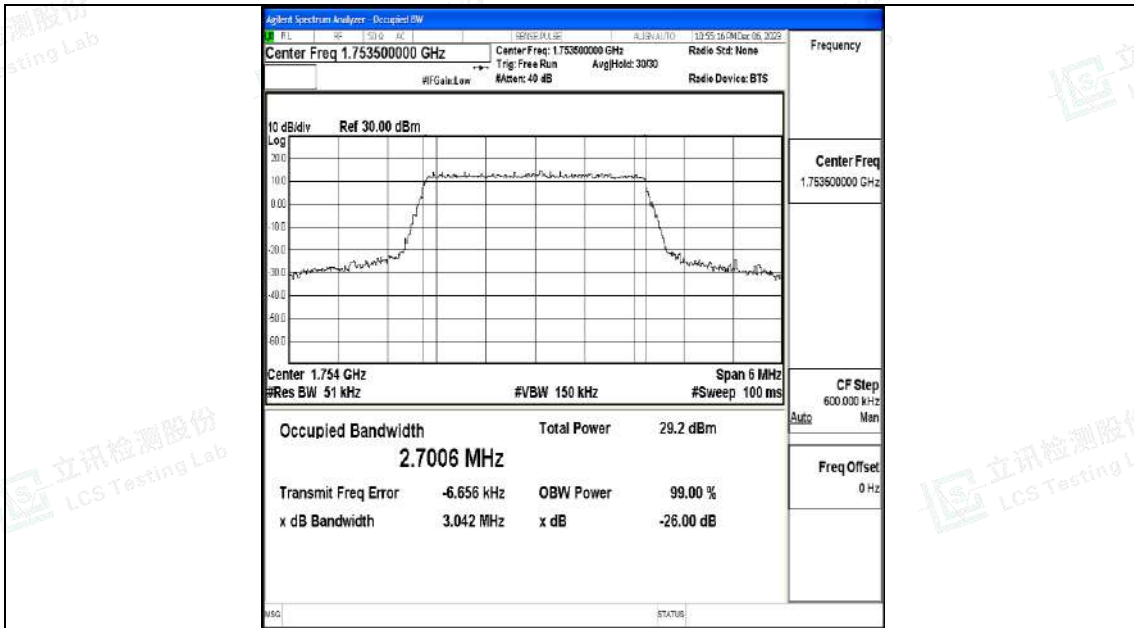
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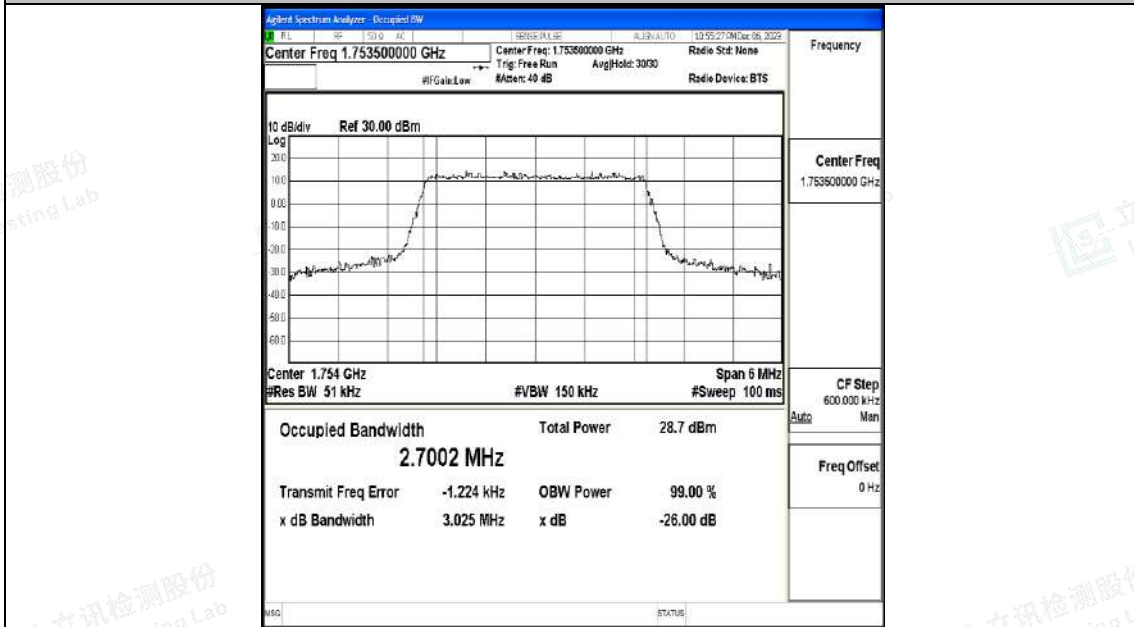
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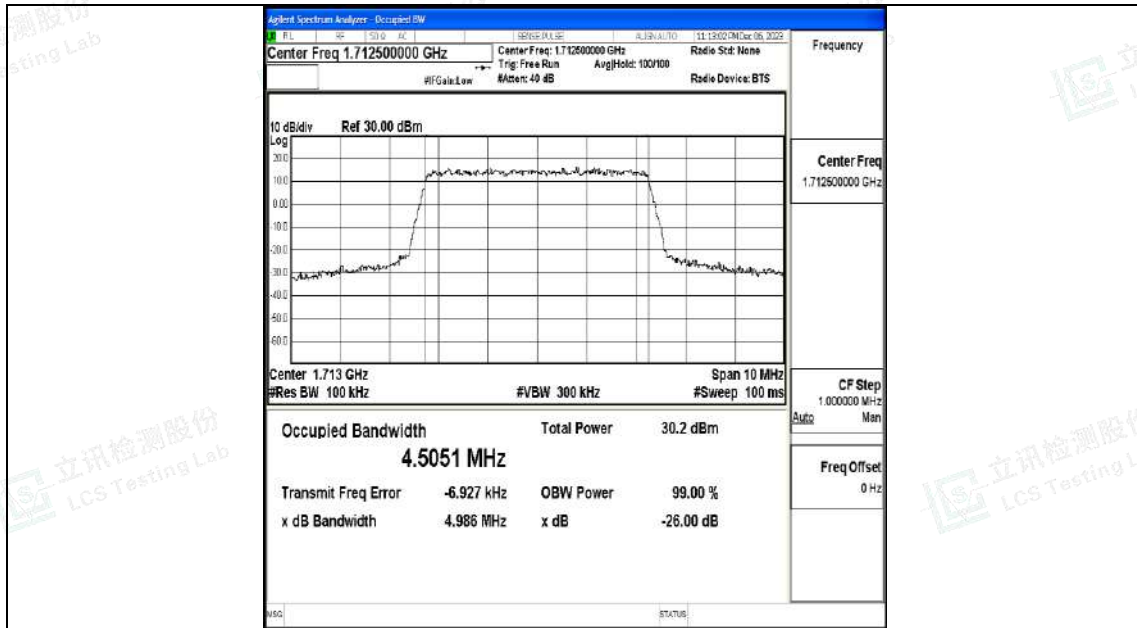
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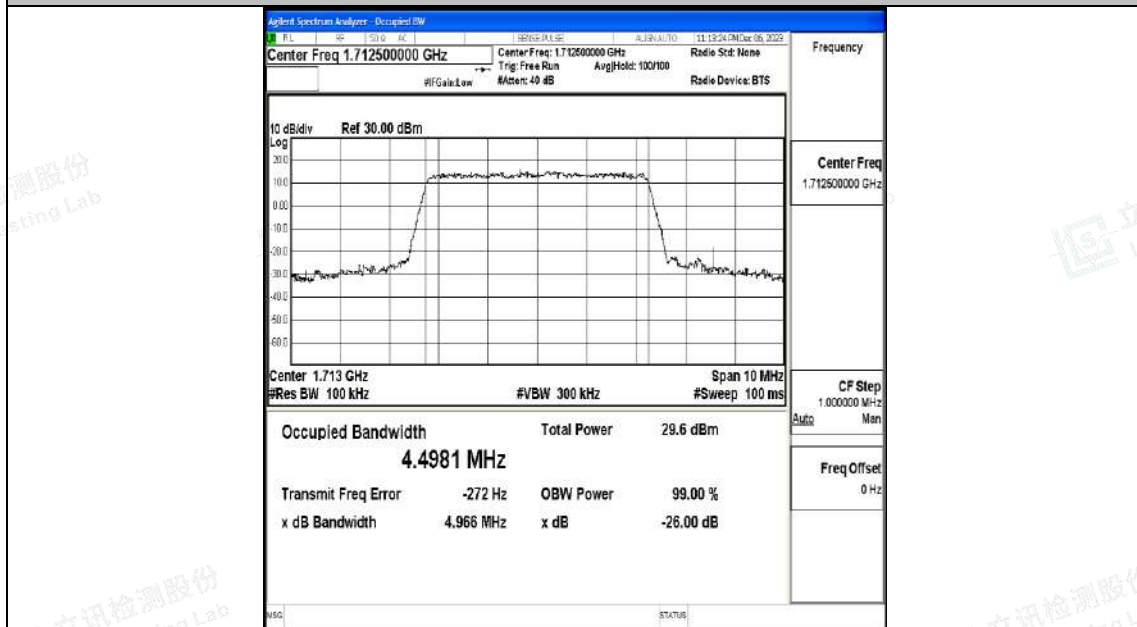
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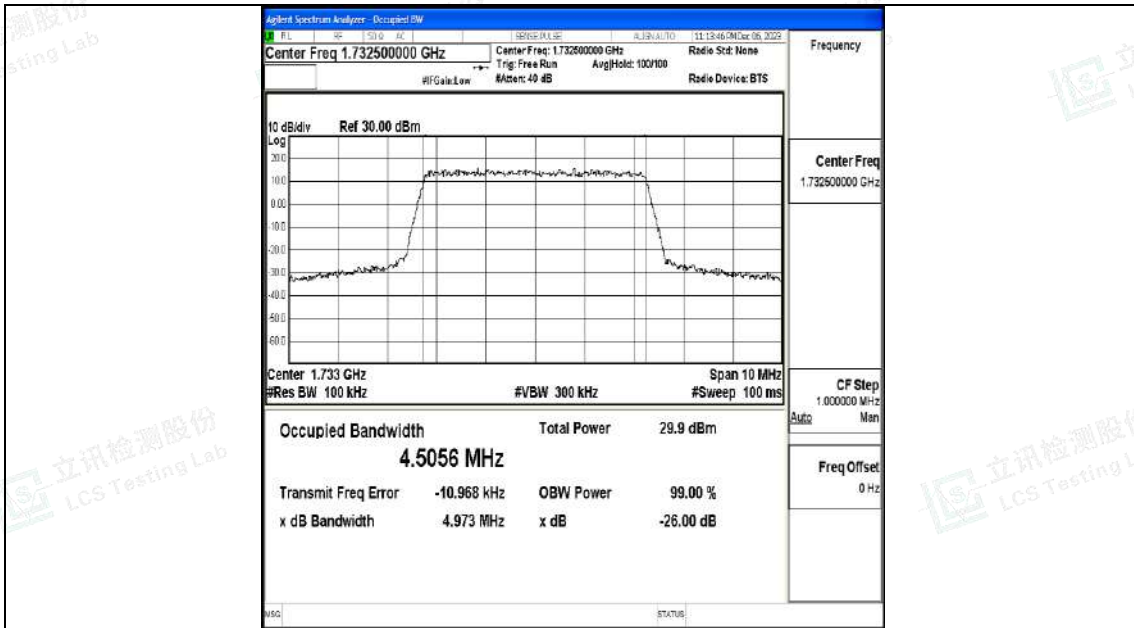


Band4-5MHz-QPSK-19975-25RB#0-PASS

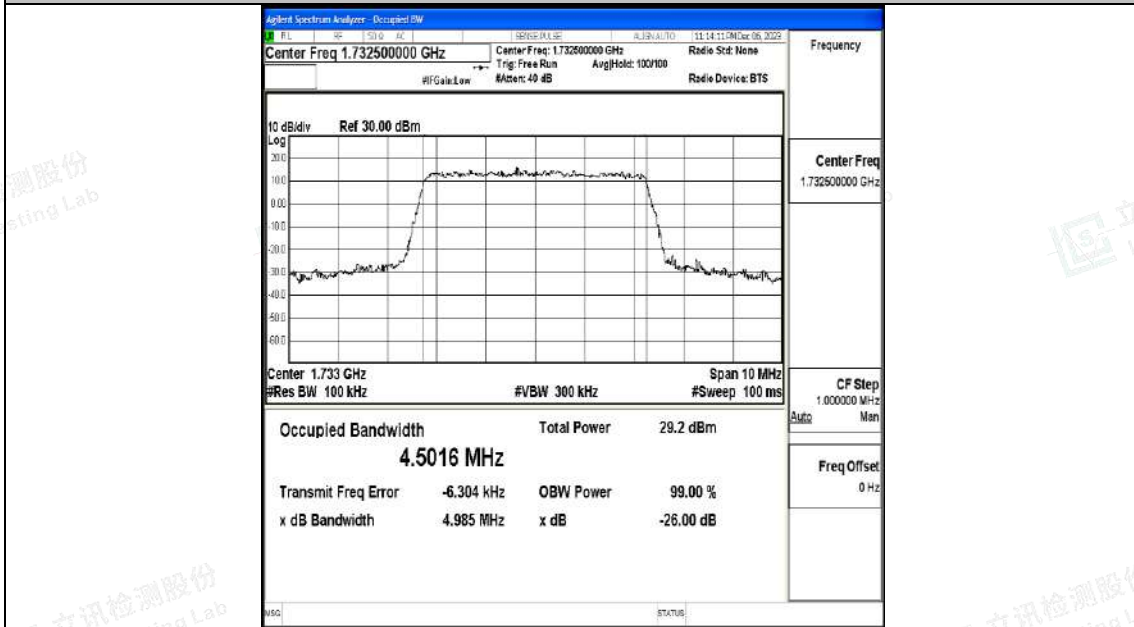


Band4-5MHz-16QAM-19975-25RB#0-PASS



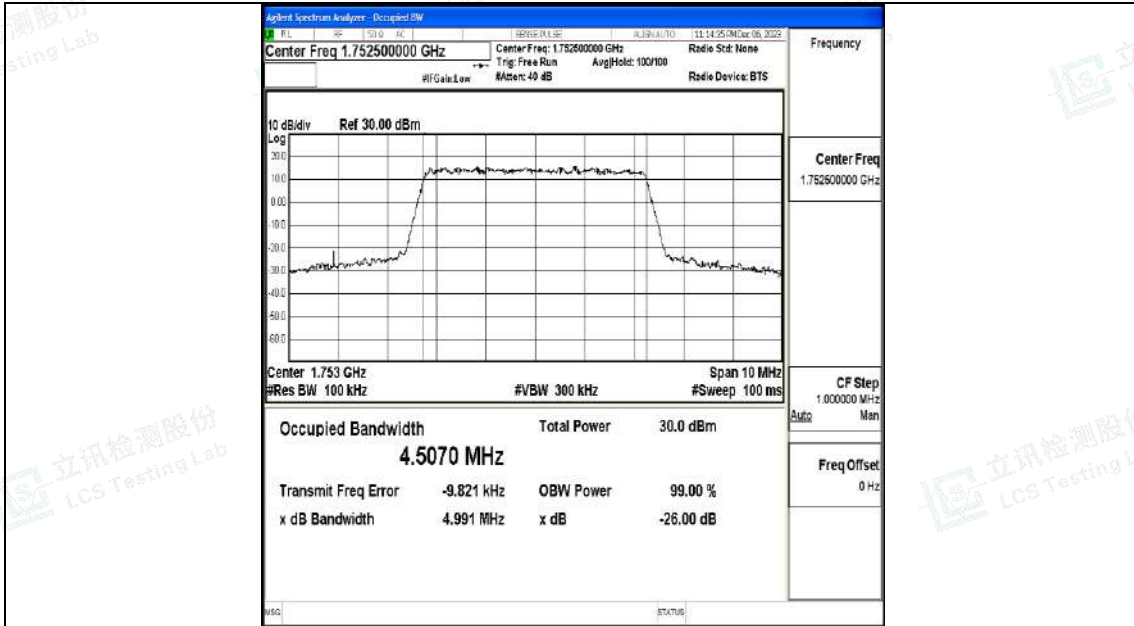


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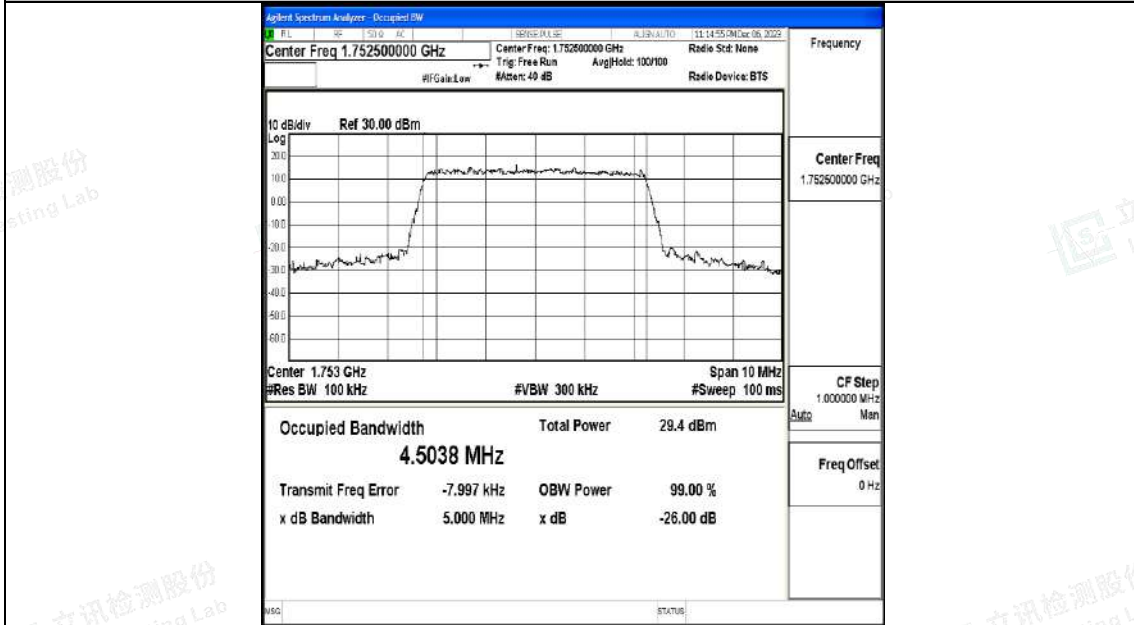


Band4-5MHz-16QAM-20175-25RB#0-PASS



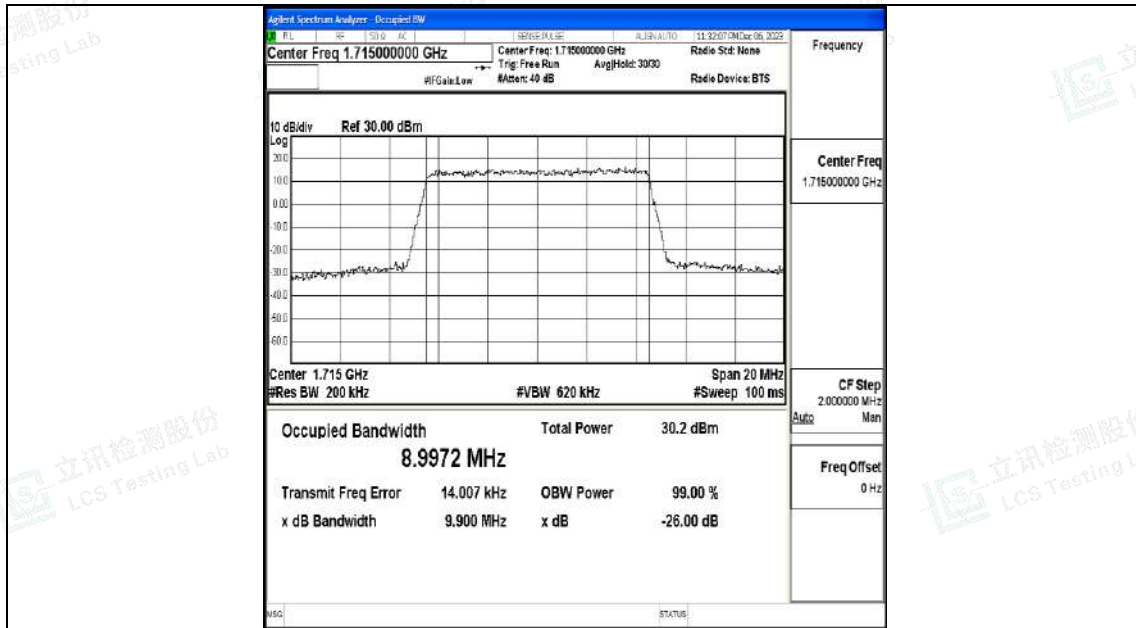


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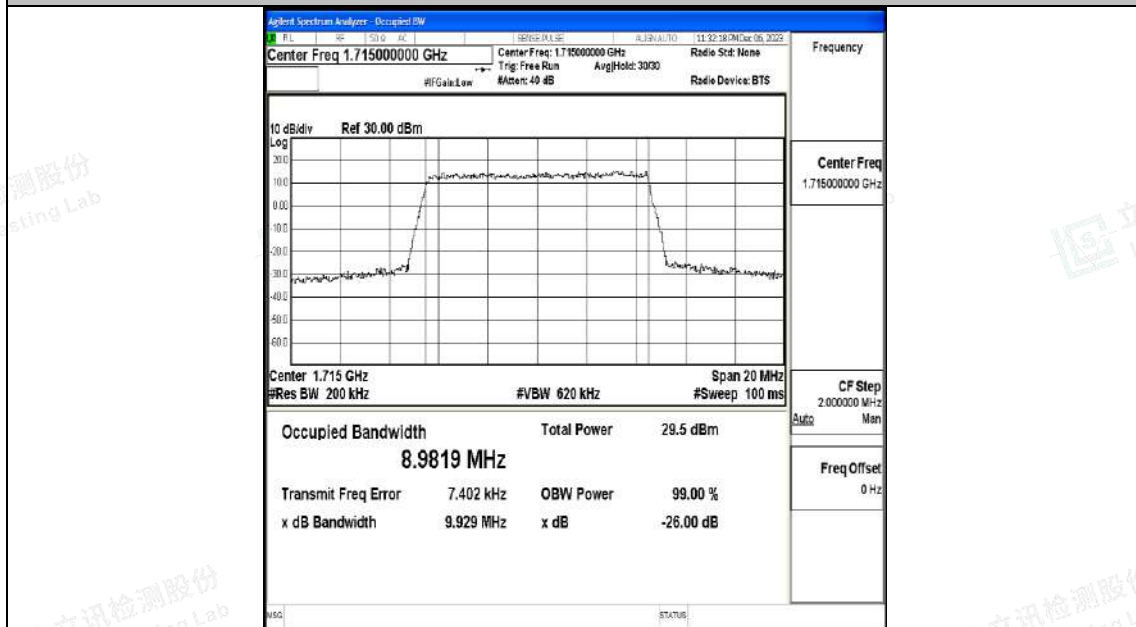


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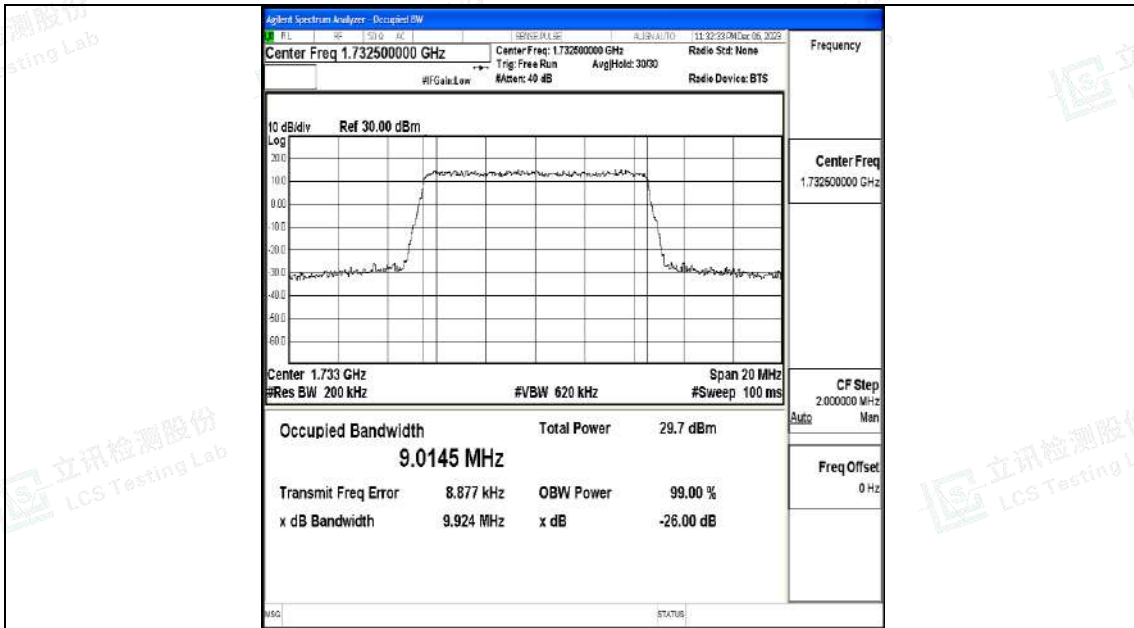


Band4-10MHz-QPSK-20000-50RB#0-PASS

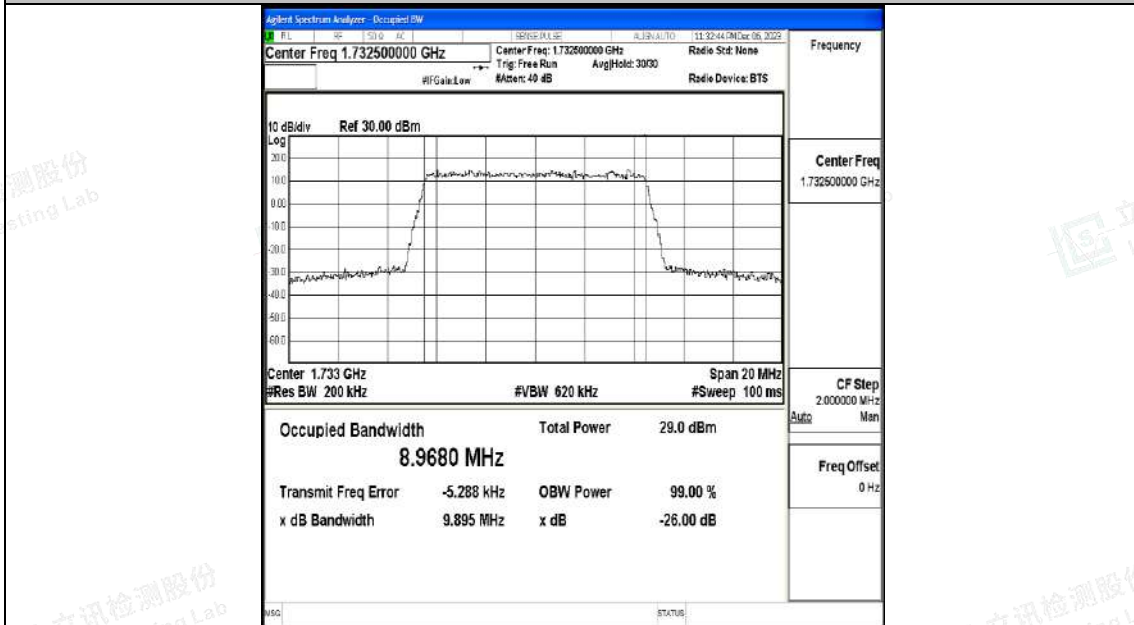


Band4-10MHz-16QAM-20000-50RB#0-PASS





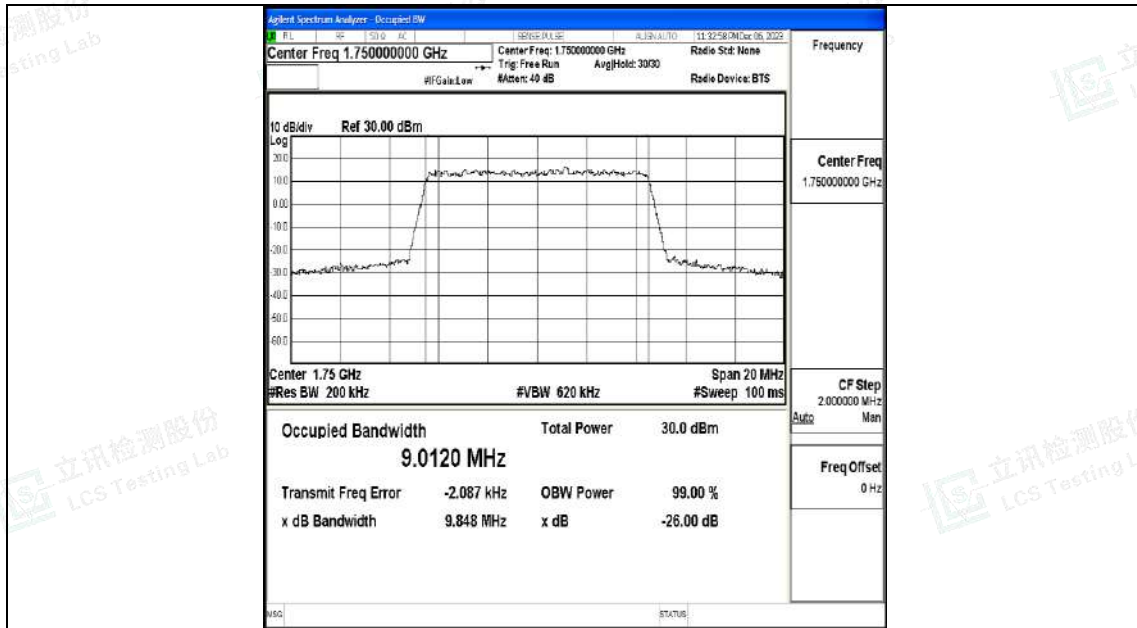
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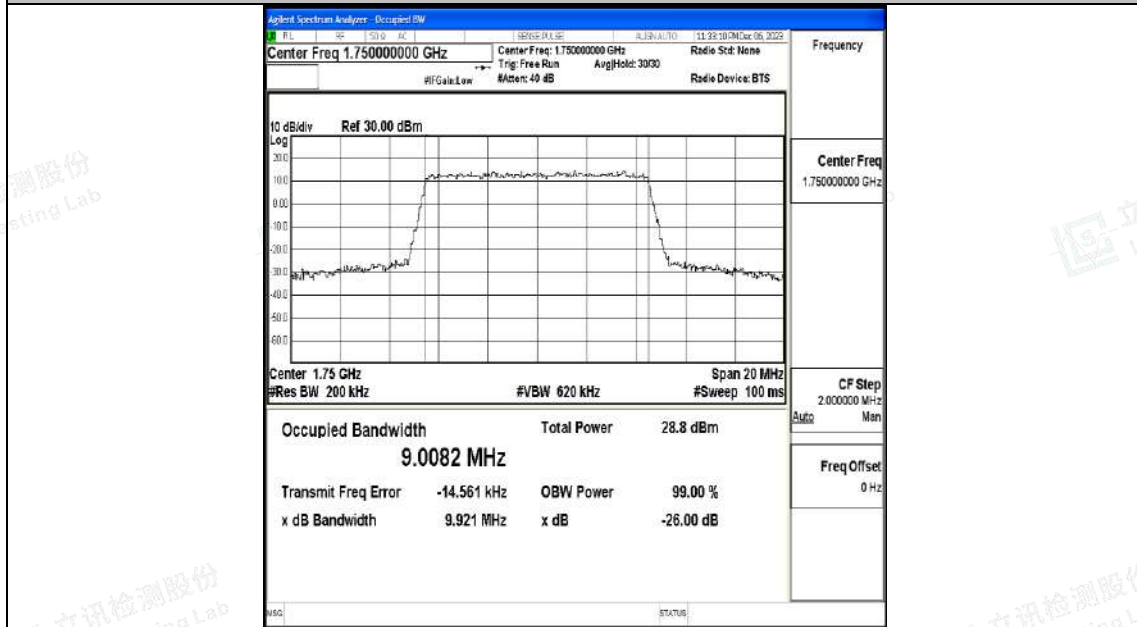
Band4-10MHz-16QAM-20175-50RB#0-PASS







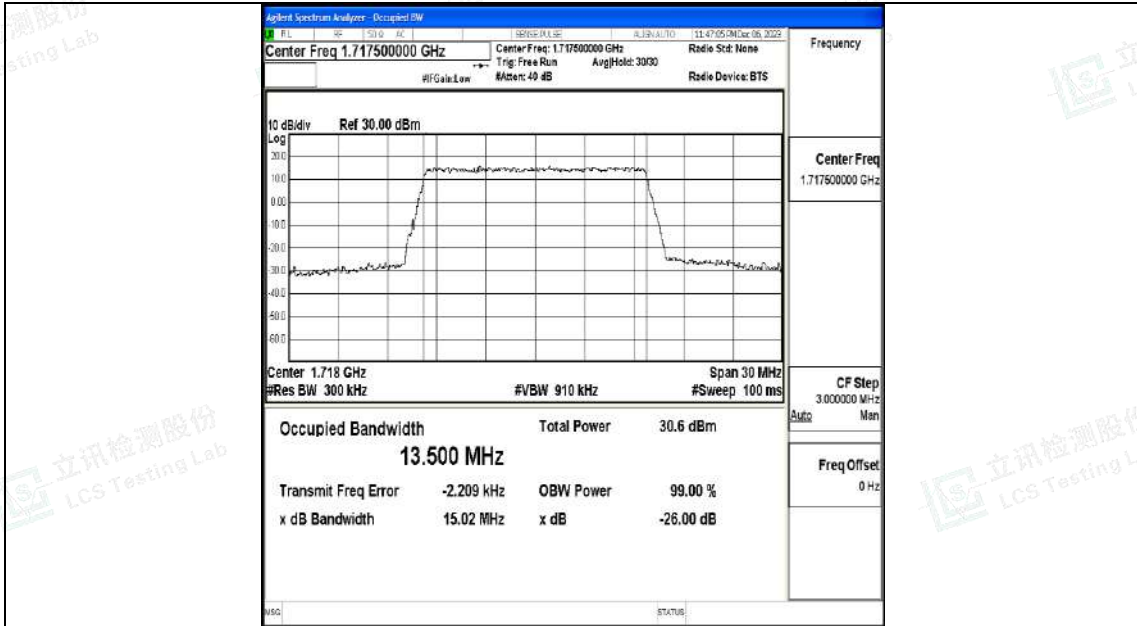
Band4-10MHz-QPSK-20350-50RB#0-PASS



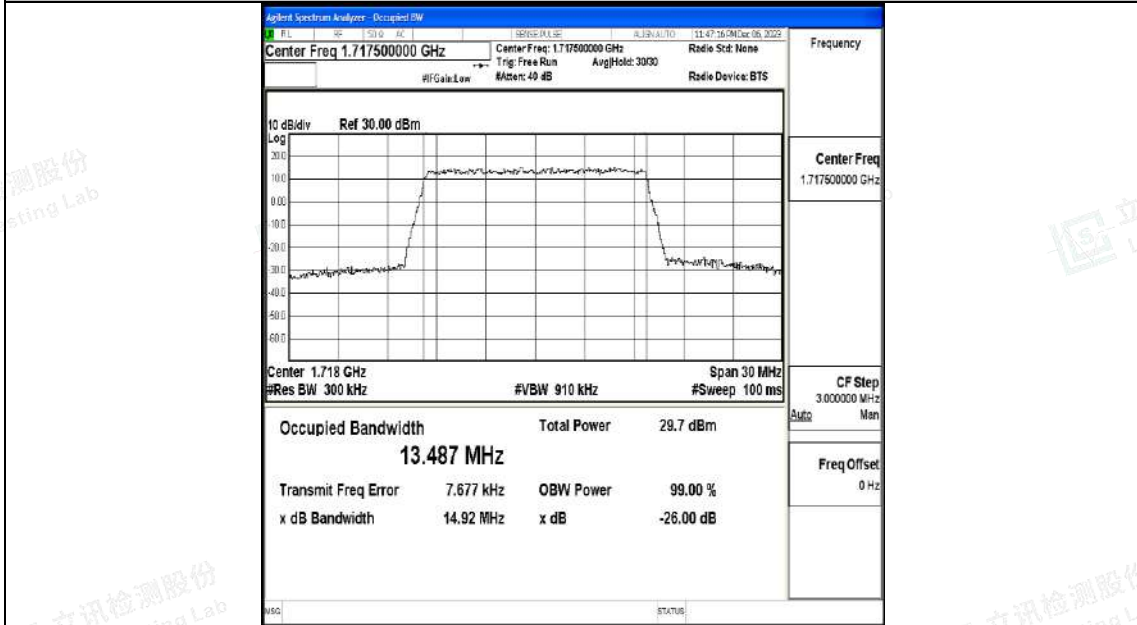
Band4-10MHz-16QAM-20350-50RB#0-PASS







Band4-15MHz-QPSK-20025-75RB#0-PASS



Band4-15MHz-16QAM-20025-75RB#0-PASS

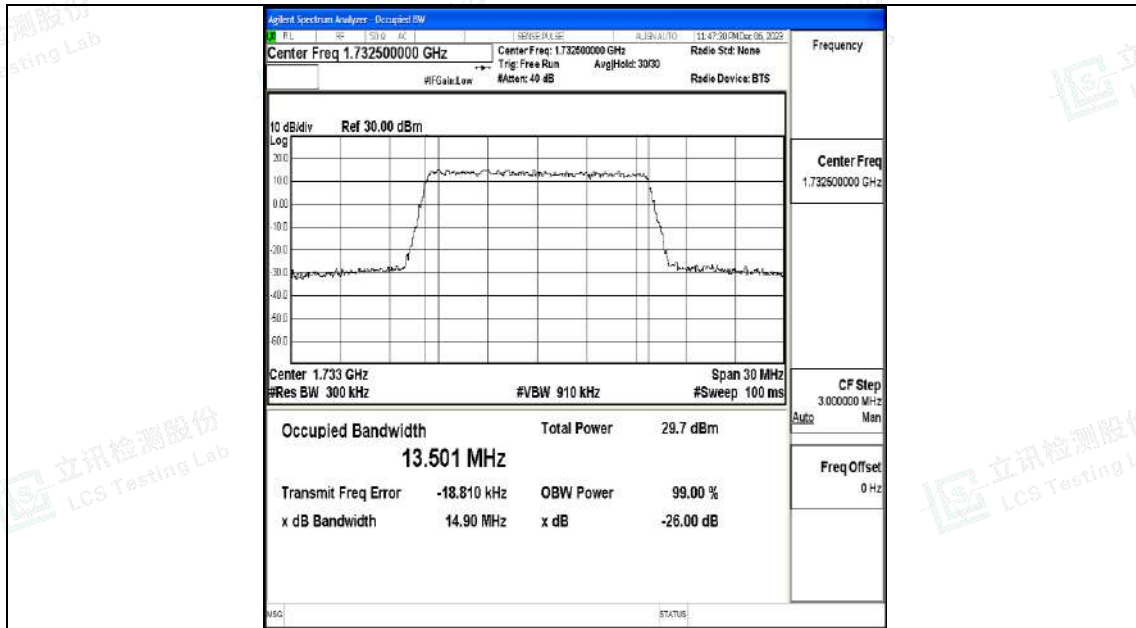


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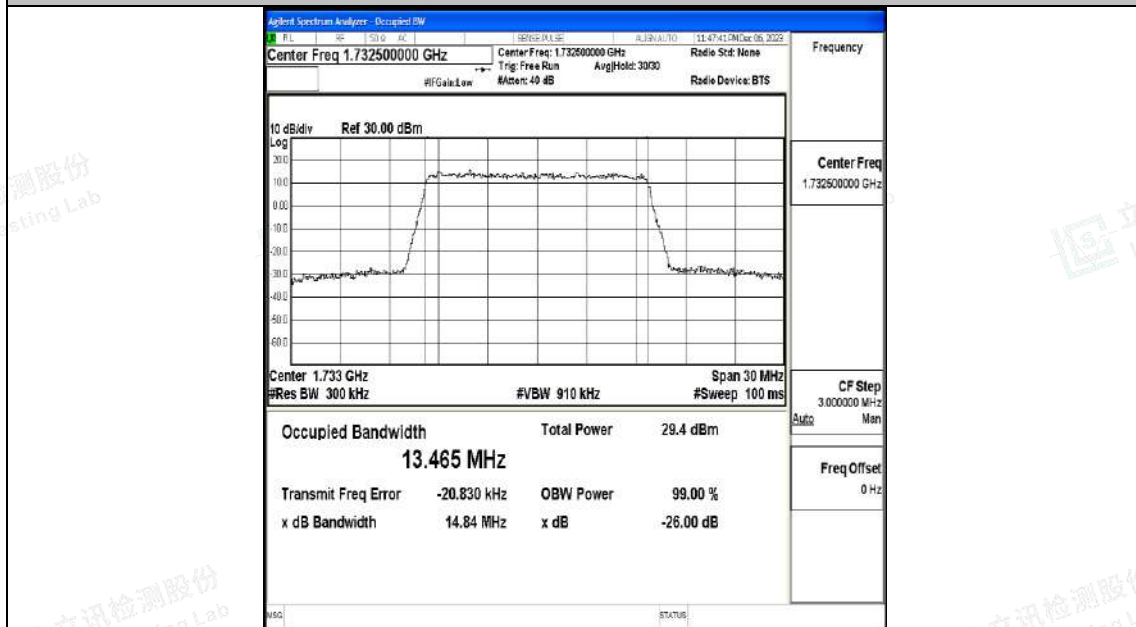
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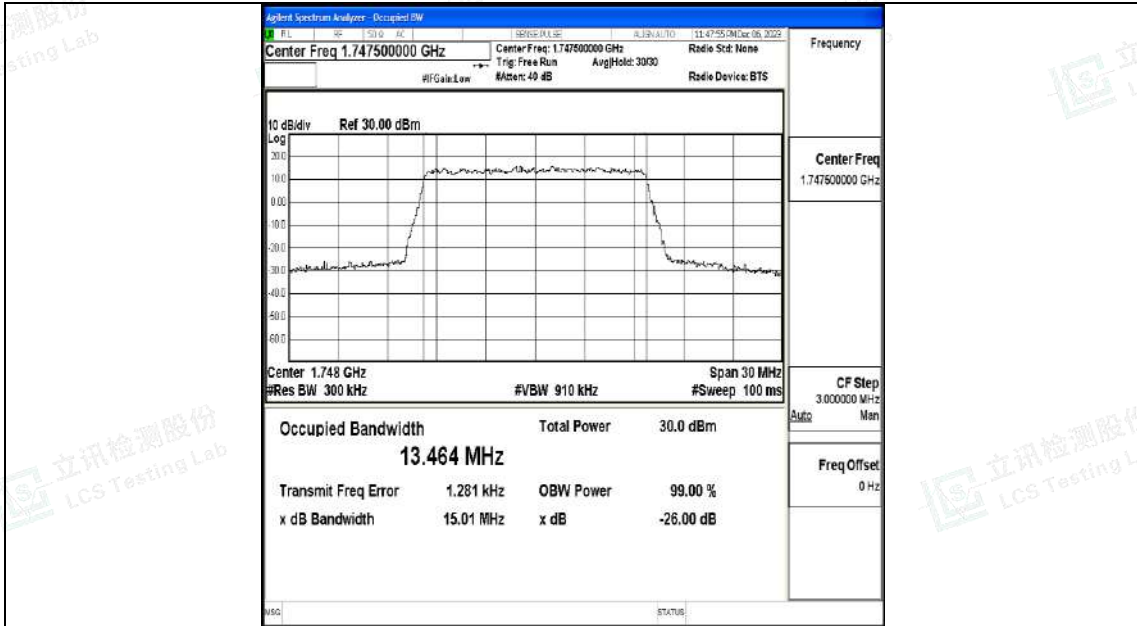


Band4-15MHz-QPSK-20175-75RB#0-PASS

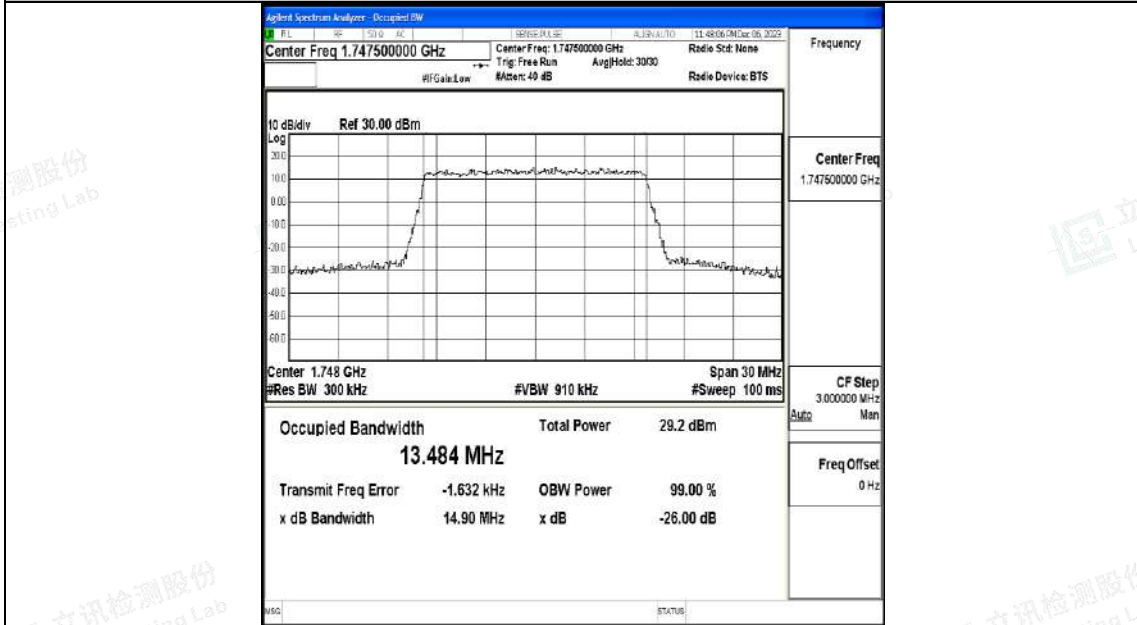


Band4-15MHz-16QAM-20175-75RB#0-PASS



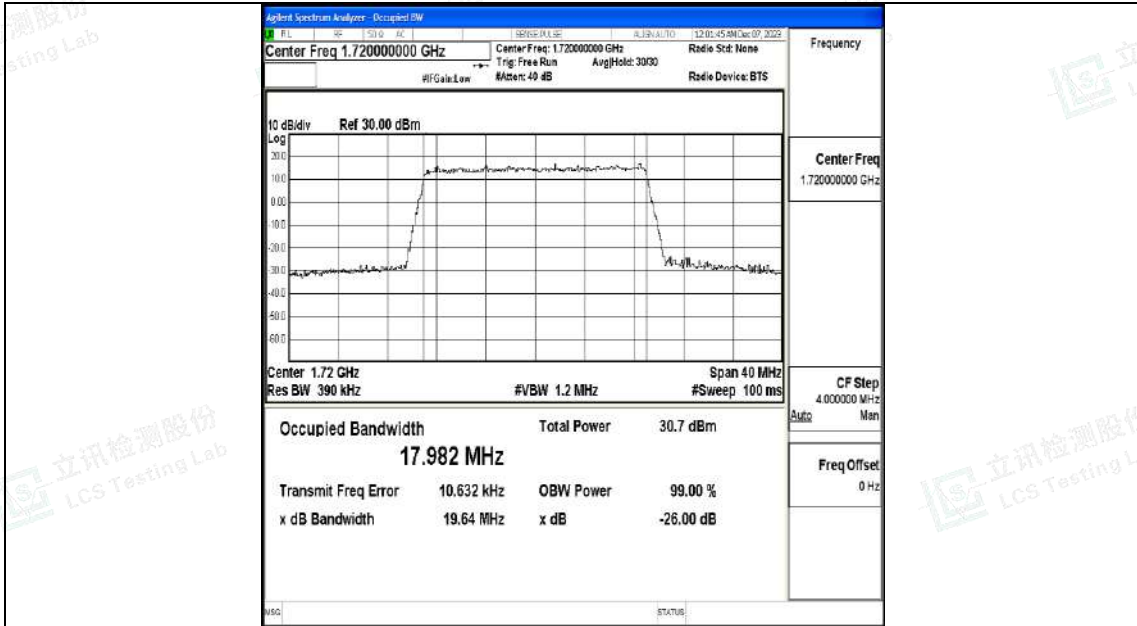


Band4-15MHz-QPSK-20325-75RB#0-PASS

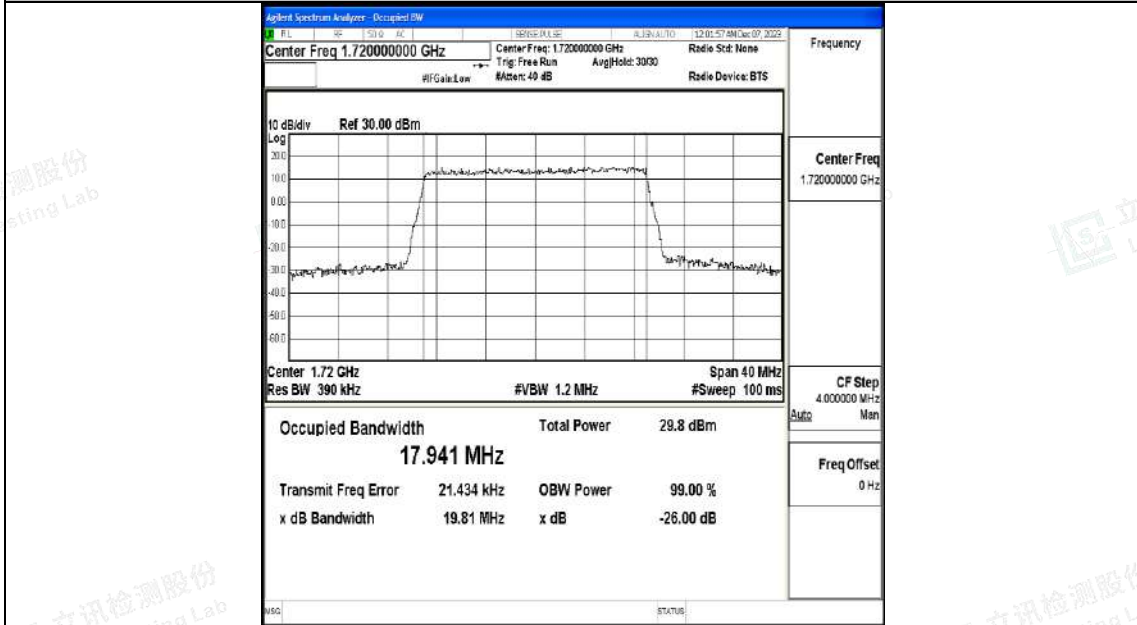


Band4-15MHz-16QAM-20325-75RB#0-PASS



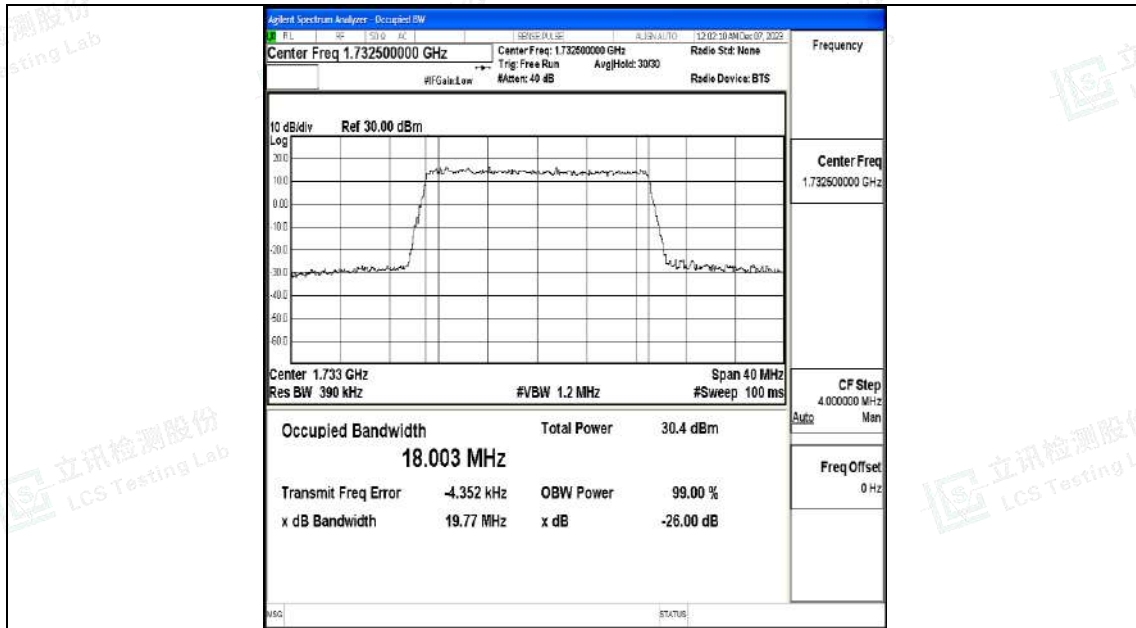


Band4-20MHz-QPSK-20050-100RB#0-PASS

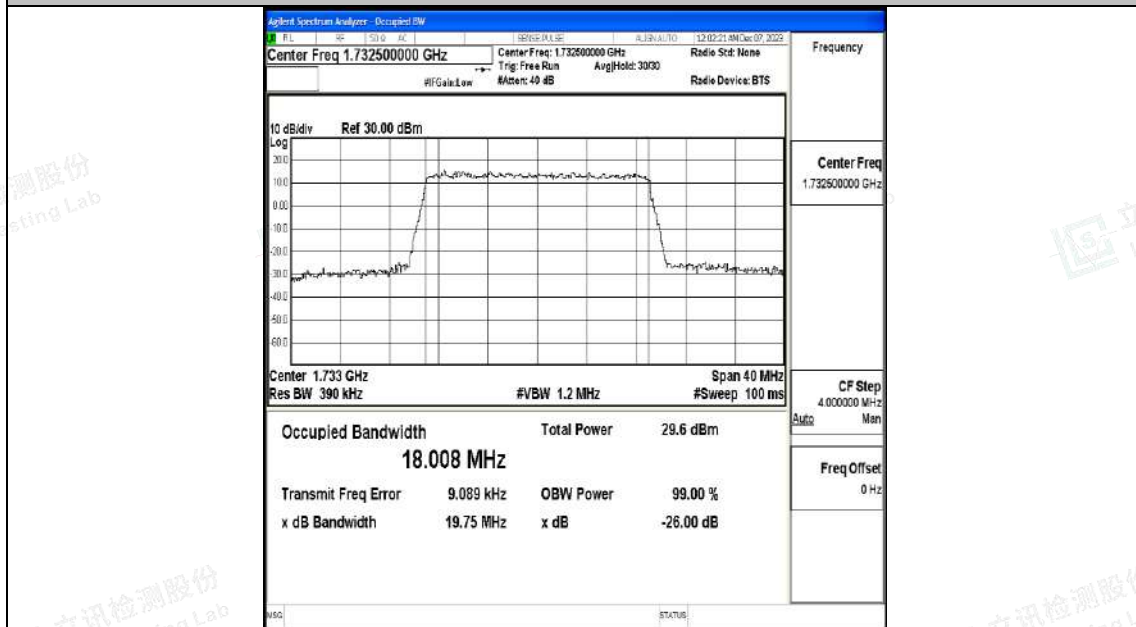


Band4-20MHz-16QAM-20050-100RB#0-PASS





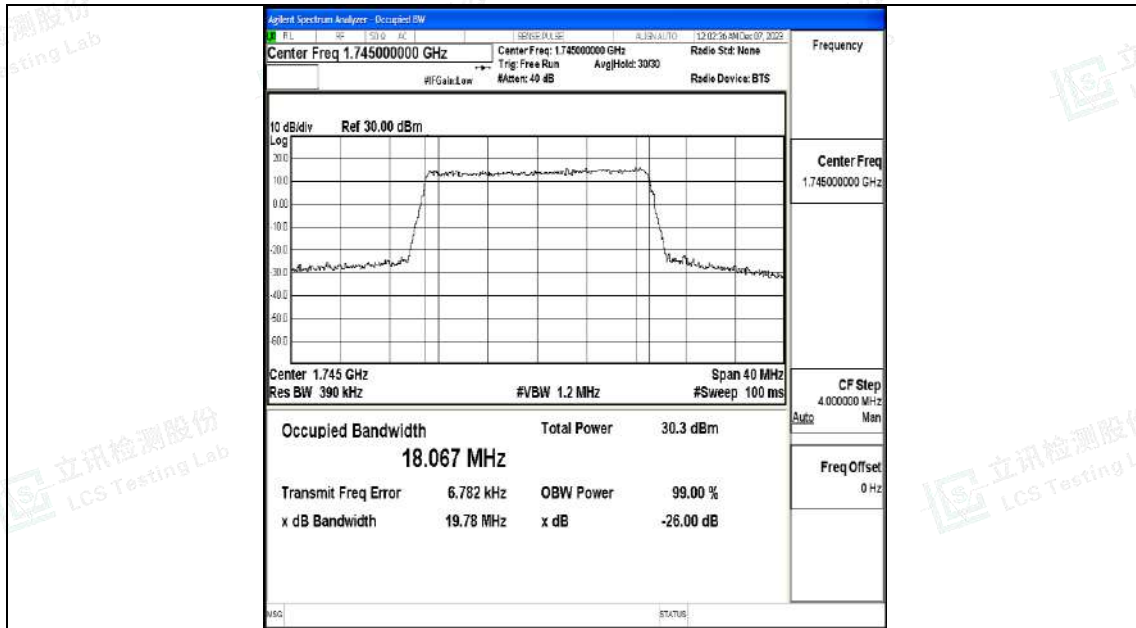
Band4-20MHz-QPSK-20175-100RB#0-PASS



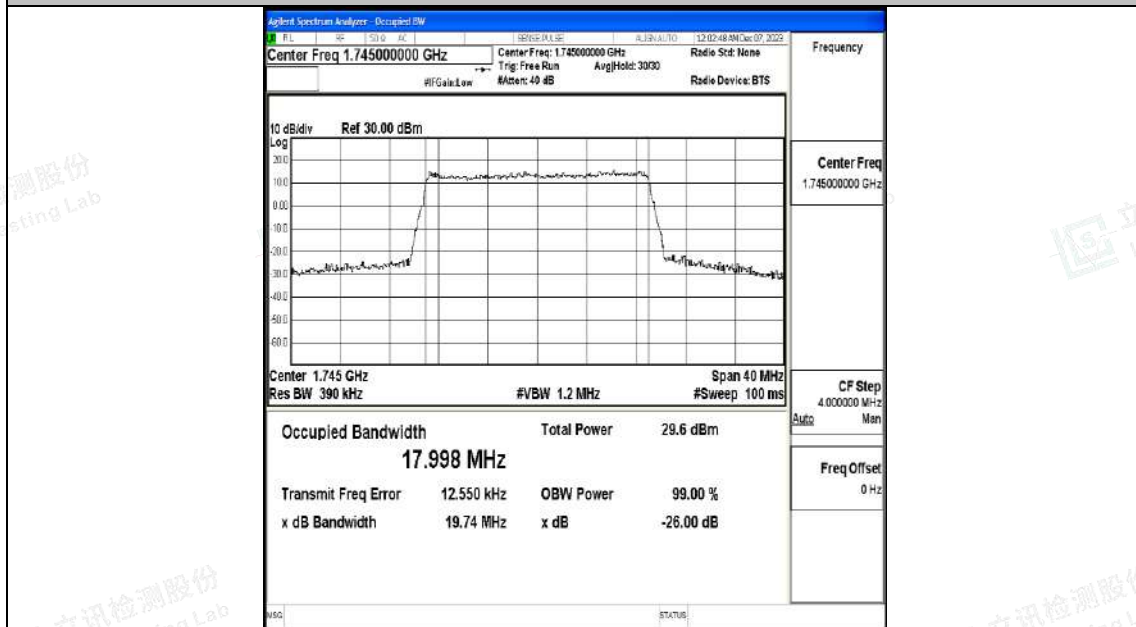
Band4-20MHz-16QAM-20175-100RB#0-PASS







Band4-20MHz-QPSK-20300-100RB#0-PASS



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







### E.4 Band Edge

#### Test Result

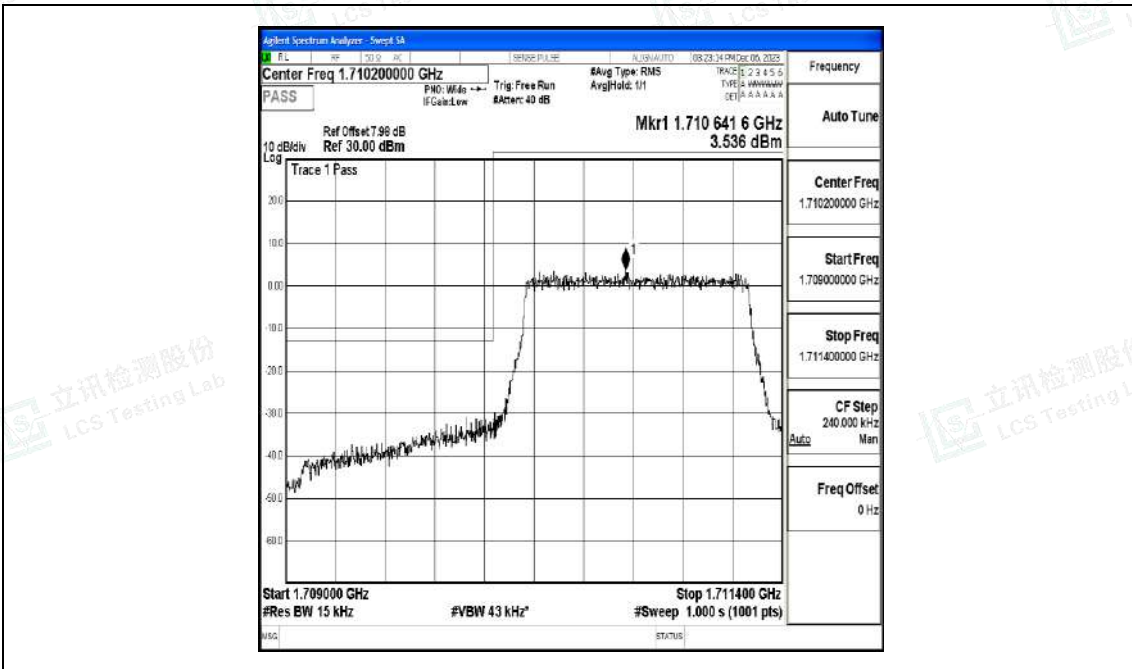
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1709.87	-30.93	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1709.99	-31.29	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1755.08	-25.61	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1755.01	-25.51	PASS
Band4	3MHz	QPSK	19965	15RB#0	1710.00	-22.50	PASS
Band4	3MHz	16QAM	19965	15RB#0	1709.99	-23.58	PASS
Band4	3MHz	QPSK	20385	15RB#0	1755.01	-22.54	PASS
Band4	3MHz	16QAM	20385	15RB#0	1755.01	-24.27	PASS
Band4	5MHz	QPSK	19975	25RB#0	1709.99	-25.53	PASS
Band4	5MHz	16QAM	19975	25RB#0	1709.98	-26.25	PASS
Band4	5MHz	QPSK	20375	25RB#0	1755.02	-24.46	PASS
Band4	5MHz	16QAM	20375	25RB#0	1755.11	-26.21	PASS
Band4	10MHz	QPSK	20000	50RB#0	1709.98	-26.98	PASS
Band4	10MHz	16QAM	20000	50RB#0	1709.96	-28.46	PASS
Band4	10MHz	QPSK	20350	50RB#0	1755.03	-25.30	PASS
Band4	10MHz	16QAM	20350	50RB#0	1755.04	-26.97	PASS
Band4	15MHz	QPSK	20025	75RB#0	1709.96	-26.28	PASS
Band4	15MHz	16QAM	20025	75RB#0	1709.80	-28.04	PASS
Band4	15MHz	QPSK	20325	75RB#0	1755.09	-23.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	1755.52	-25.59	PASS
Band4	20MHz	QPSK	20050	100RB#0	1709.86	-26.74	PASS
Band4	20MHz	16QAM	20050	100RB#0	1709.86	-28.05	PASS
Band4	20MHz	QPSK	20300	100RB#0	1755.01	-24.51	PASS
Band4	20MHz	16QAM	20300	100RB#0	1755.12	-25.91	PASS



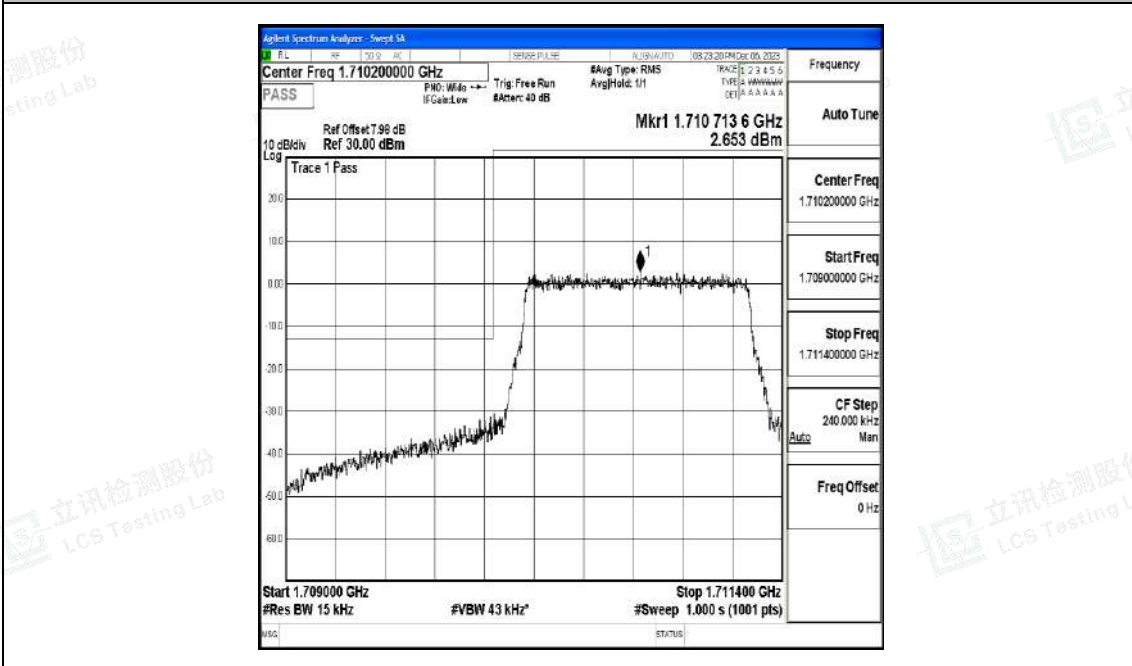
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### Test Graphs



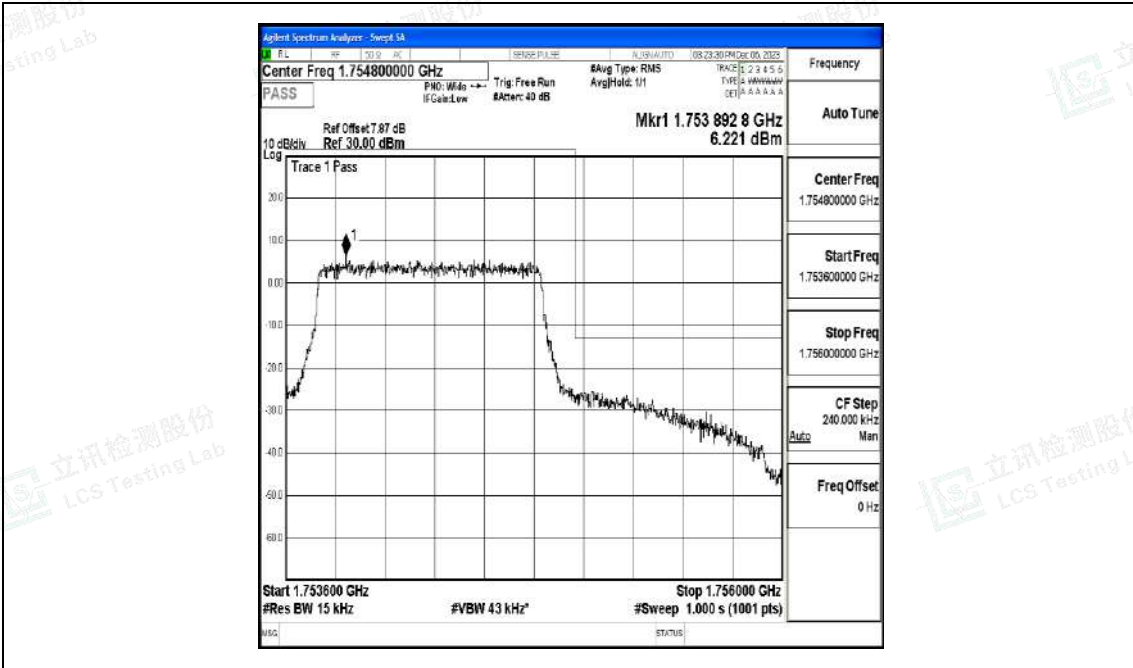
Band4\_1.4MHz\_QPSK\_19957\_6RB#0



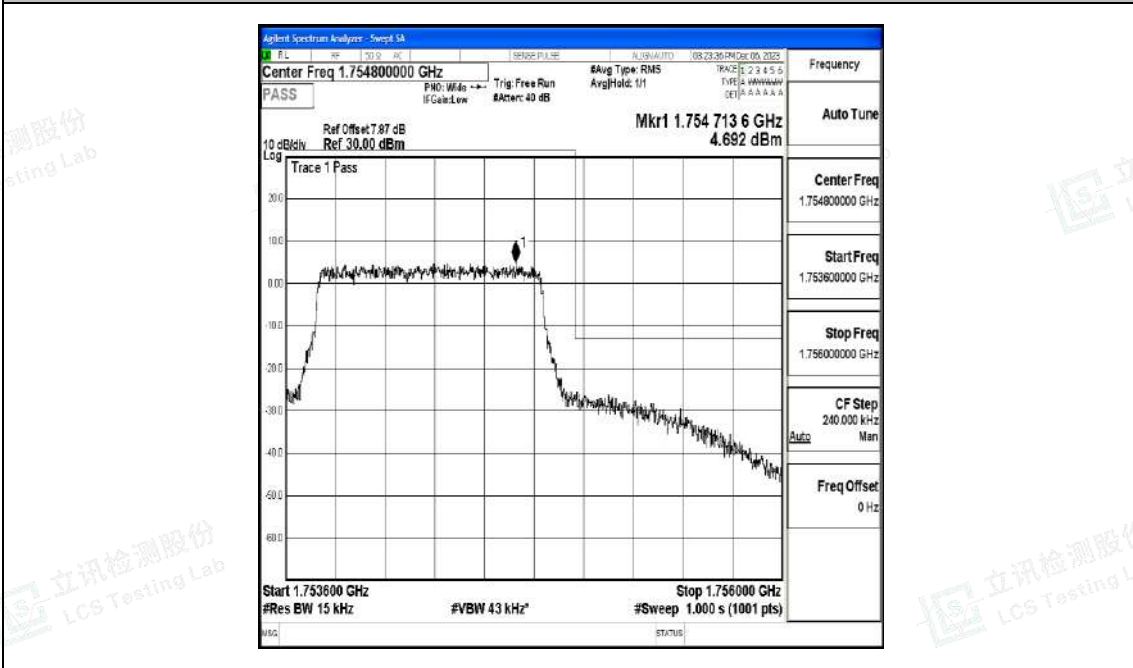
Band4\_1.4MHz\_16QAM\_19957\_6RB#0



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Band4\_1.4MHz\_QPSK\_20393\_6RB#0



Band4\_1.4MHz\_16QAM\_20393\_6RB#0

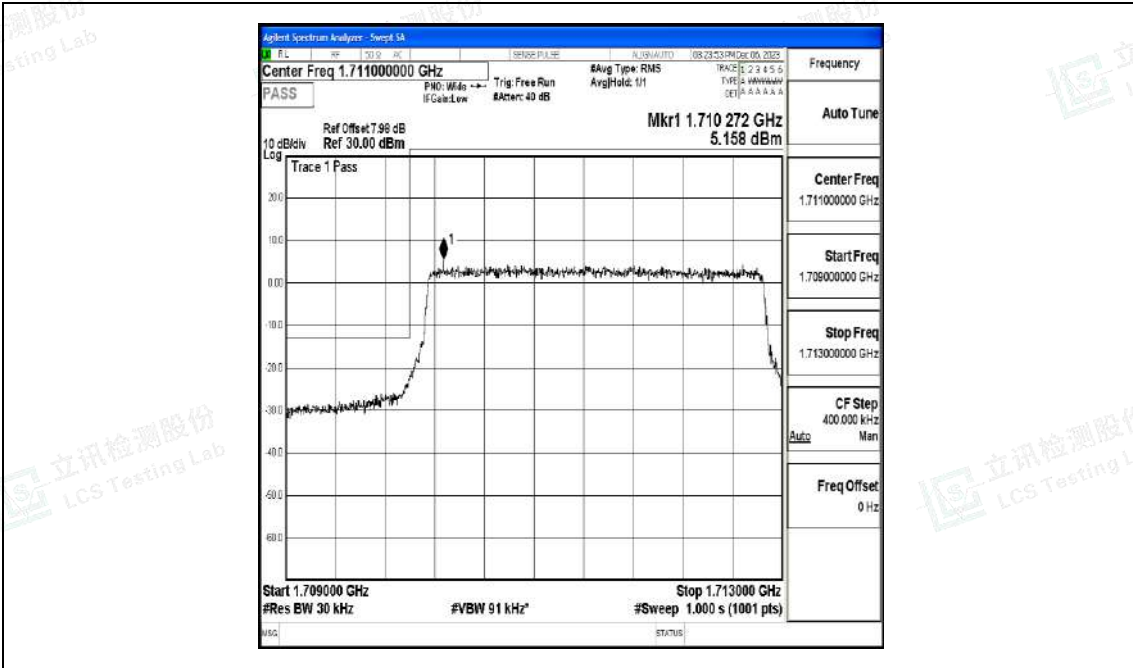


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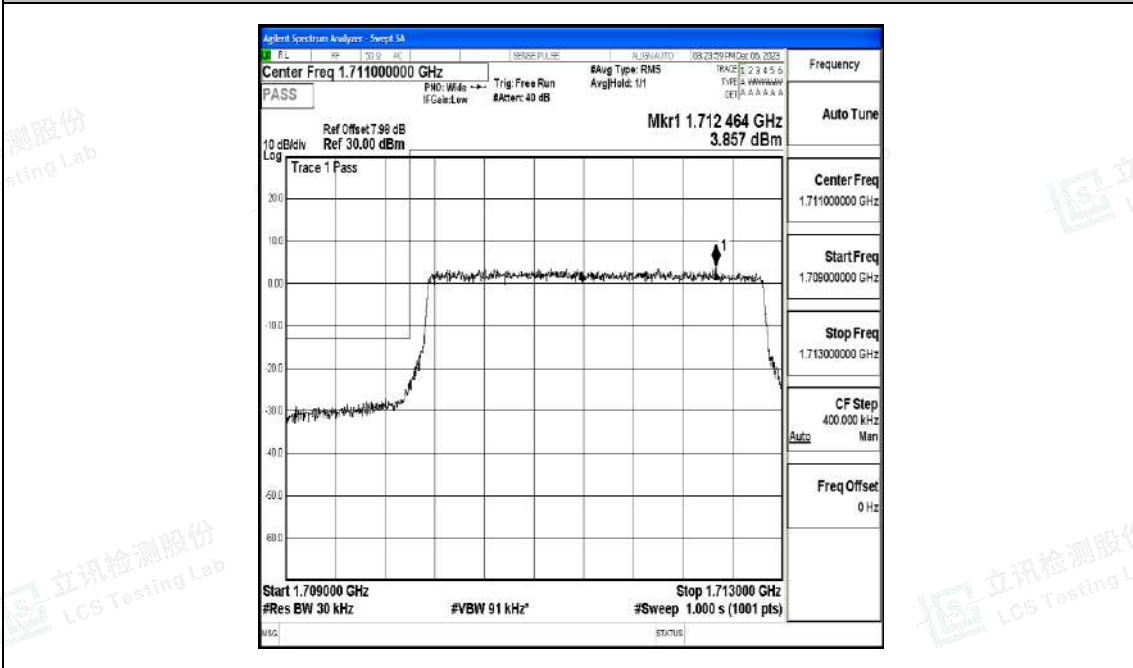
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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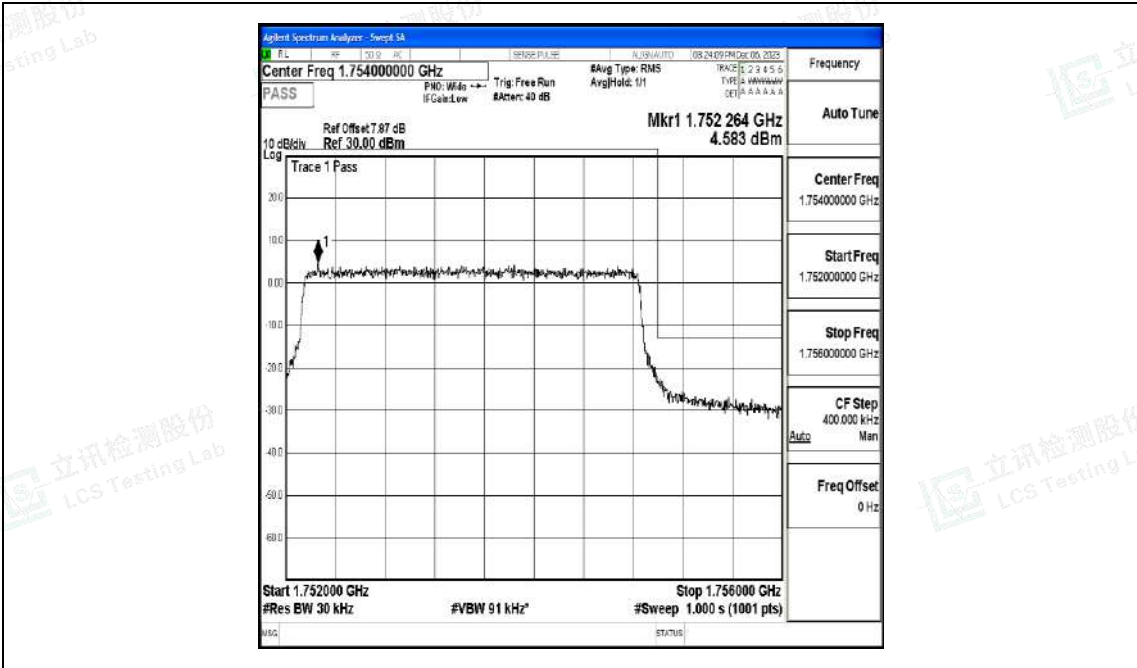


Band4\_3MHz\_QPSK\_19965\_15RB#0

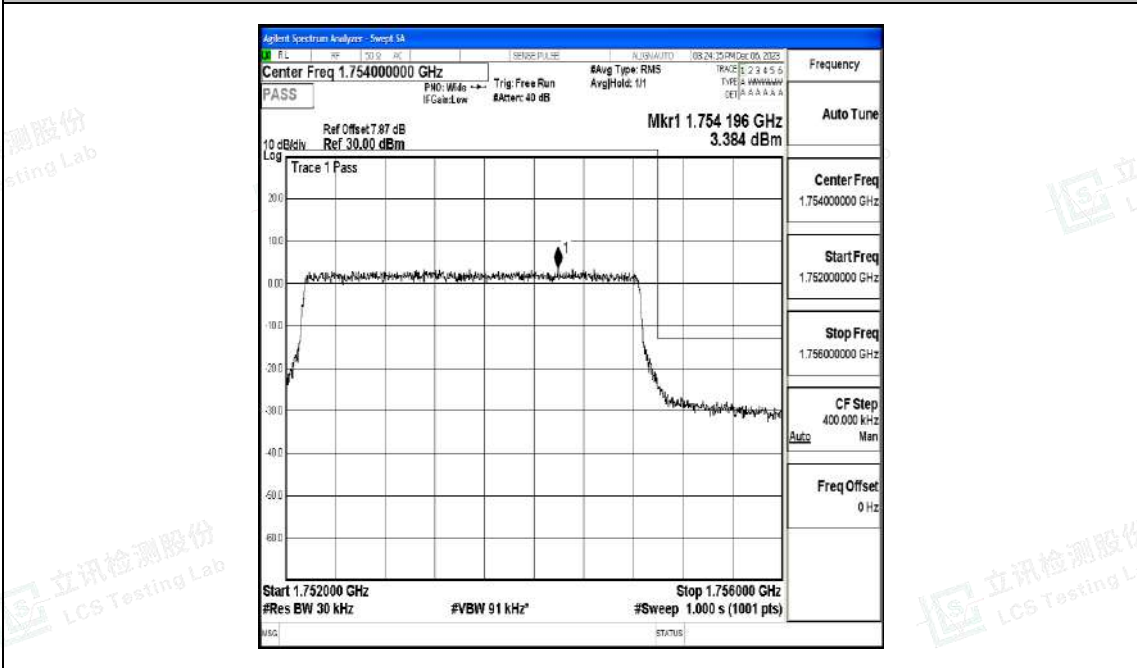


Band4\_3MHz\_16QAM\_19965\_15RB#0





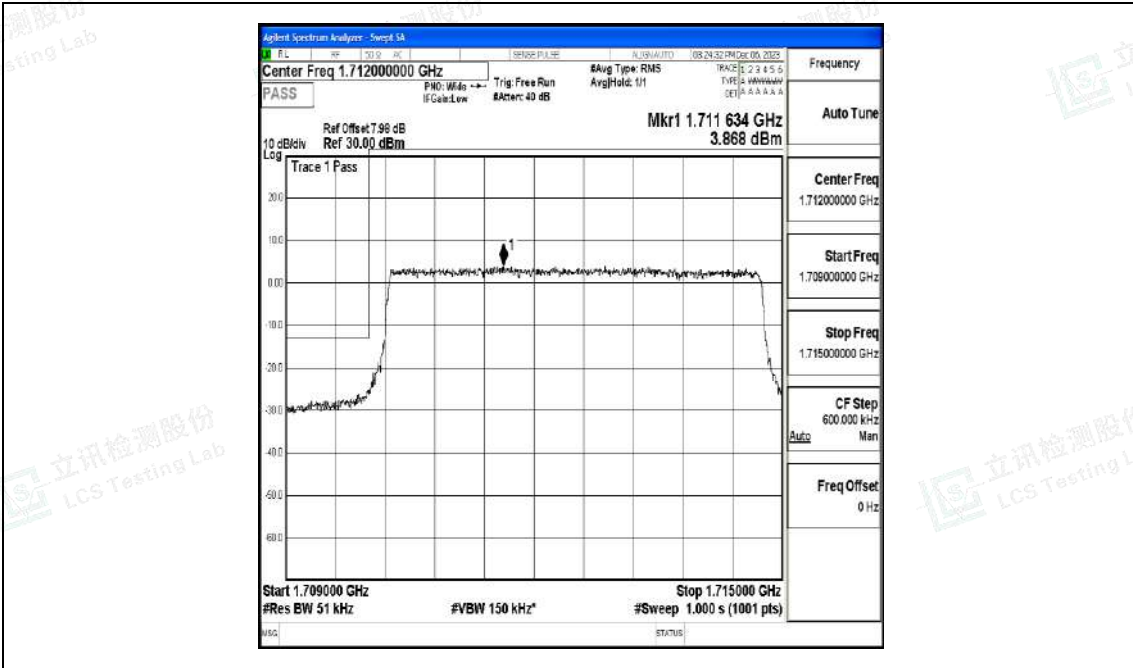
Band4\_3MHz\_QPSK\_20385\_15RB#0



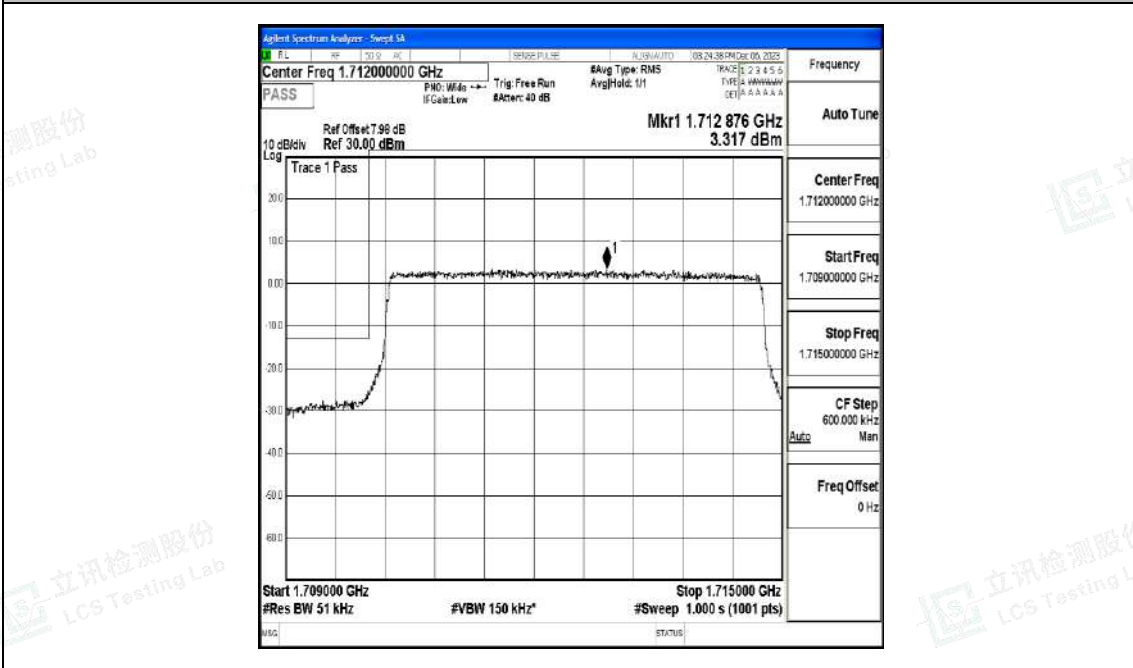
Band4\_3MHz\_16QAM\_20385\_15RB#0







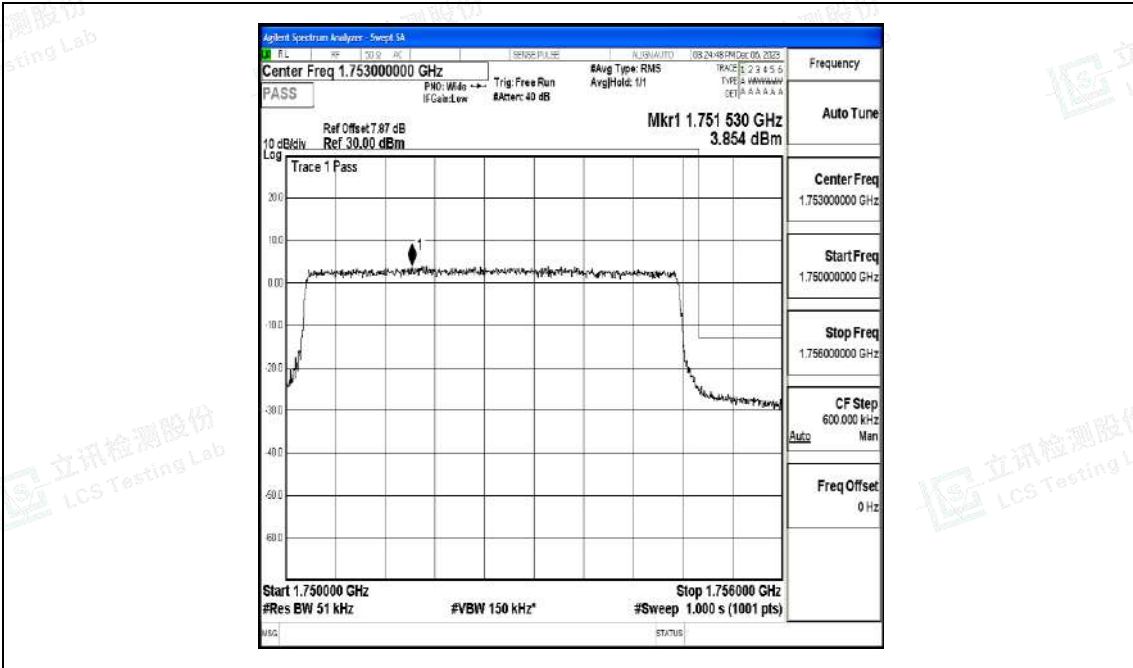
Band4\_5MHz\_QPSK\_19975\_25RB#0



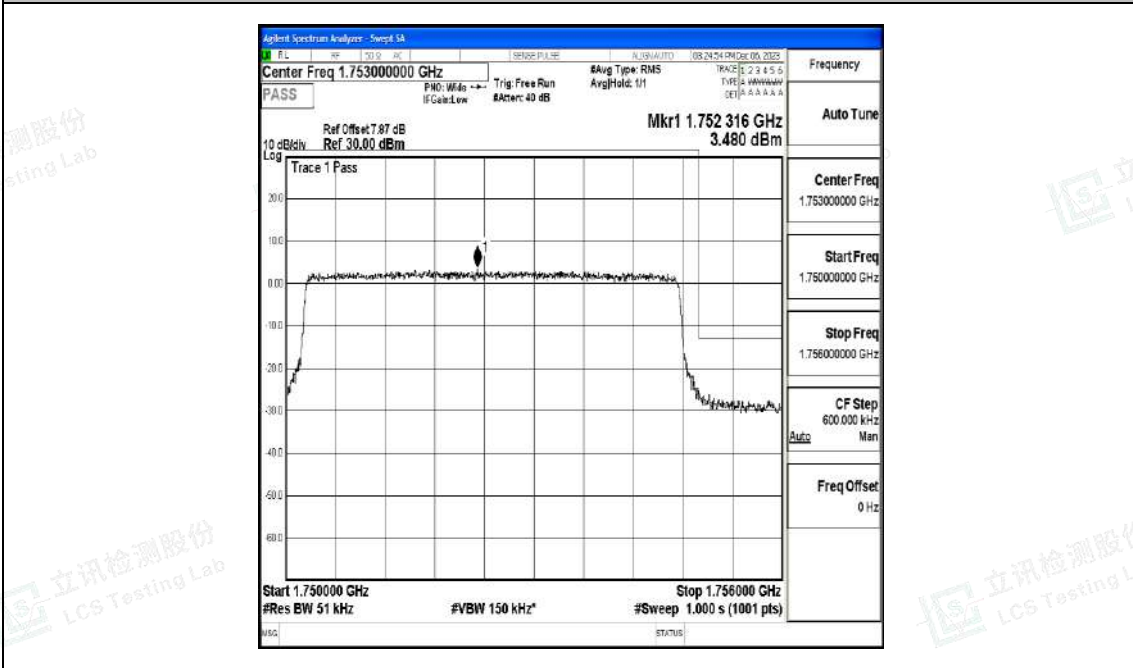
Band4\_5MHz\_16QAM\_19975\_25RB#0







Band4\_5MHz\_QPSK\_20375\_25RB#0



Band4\_5MHz\_16QAM\_20375\_25RB#0

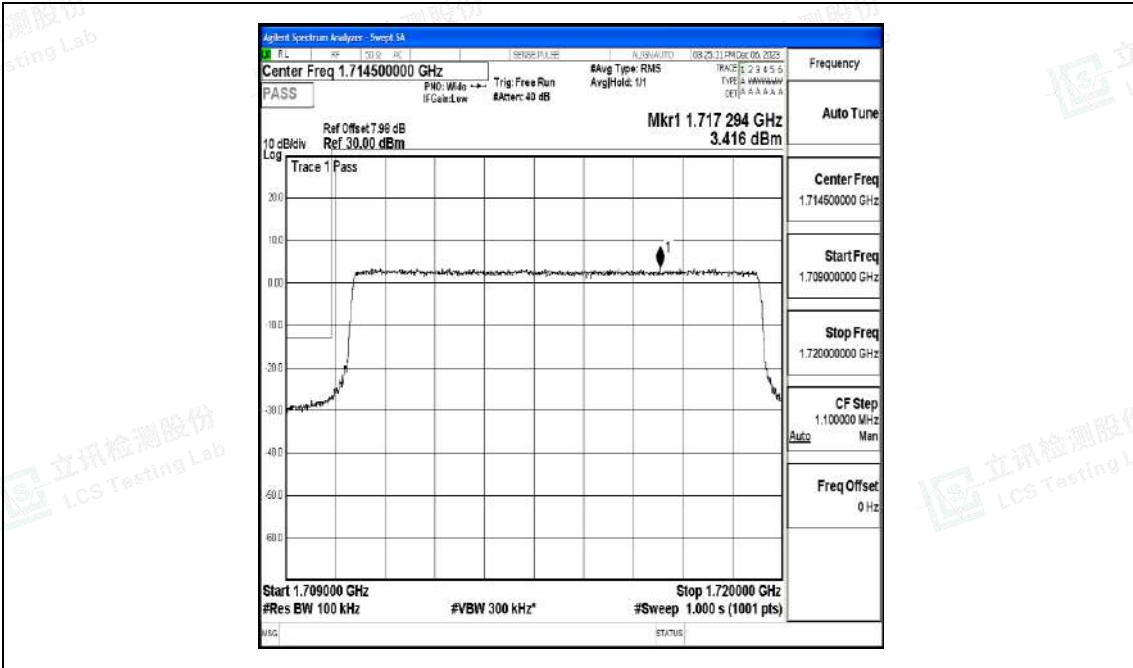


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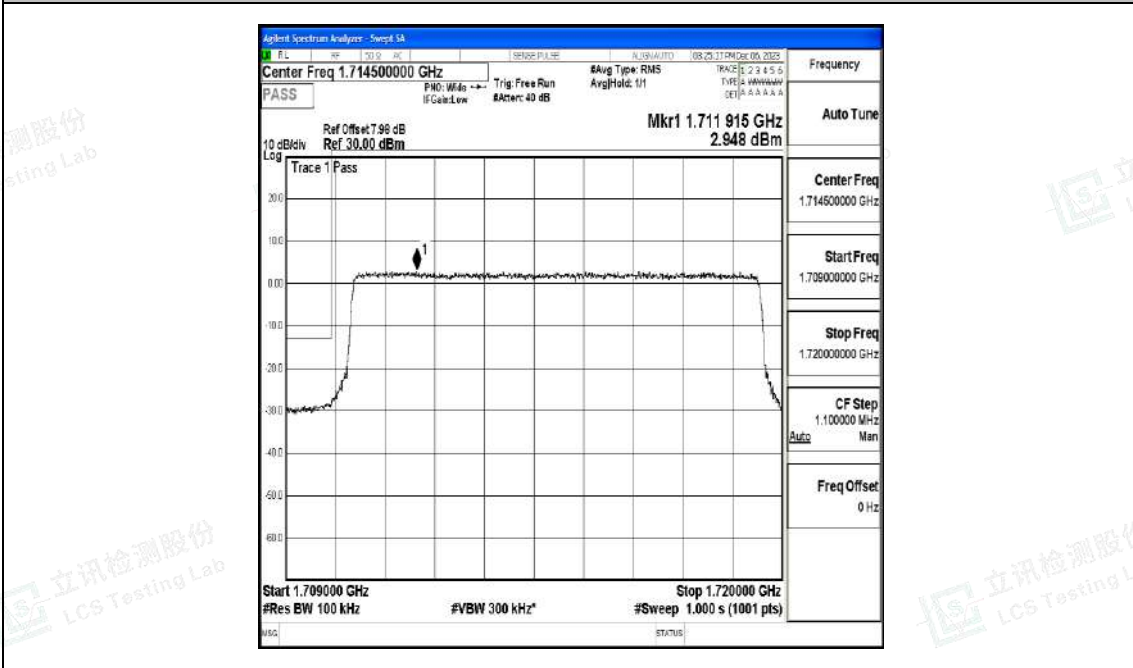
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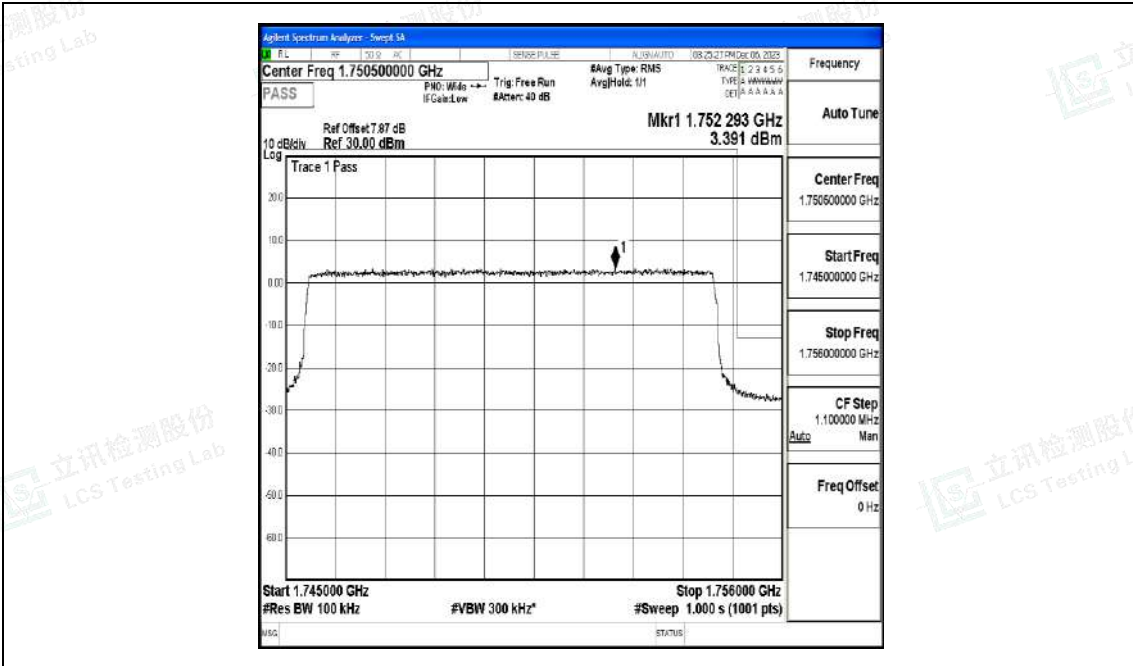


Band4\_10MHz\_QPSK\_20000\_50RB#0

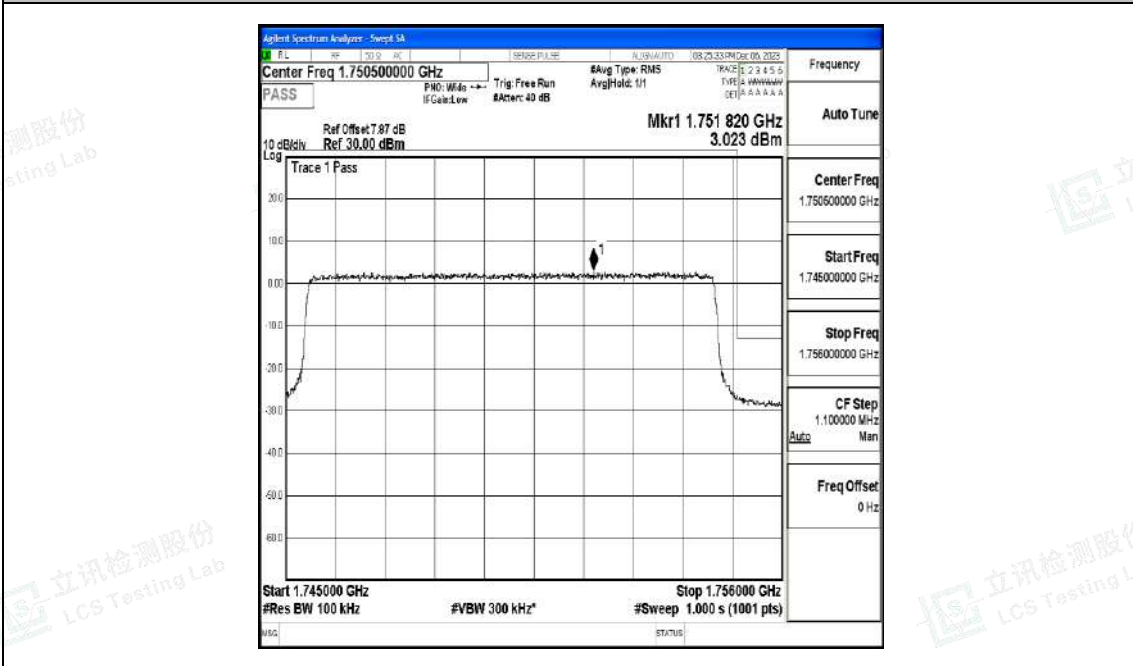


Band4\_10MHz\_16QAM\_20000\_50RB#0



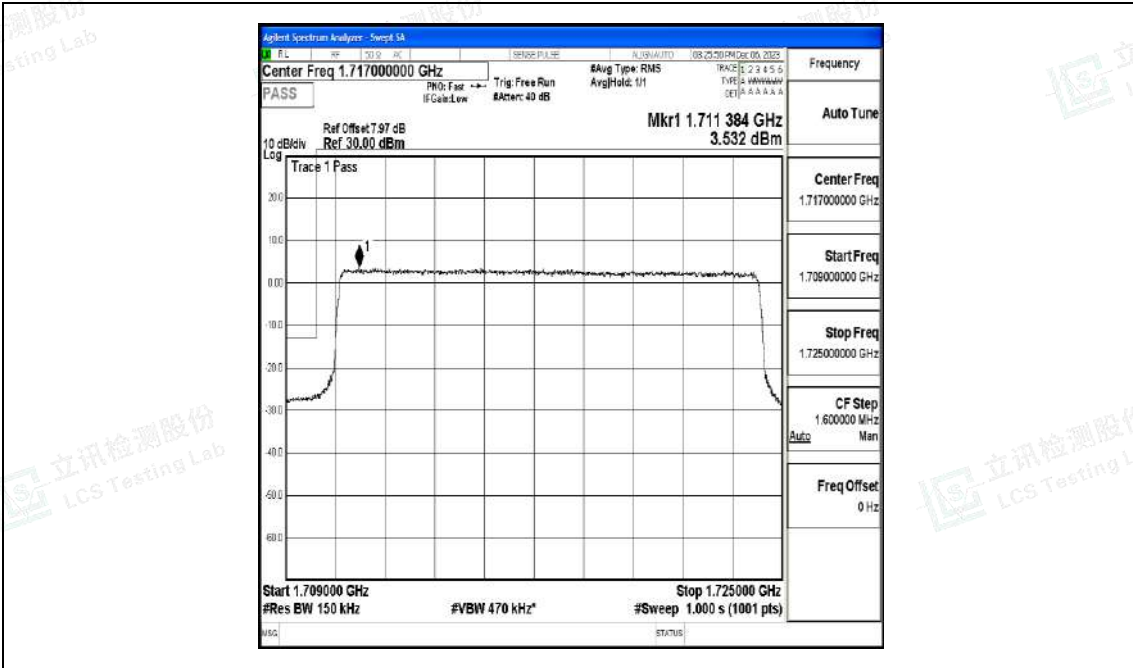


Band4\_10MHz\_QPSK\_20350\_50RB#0

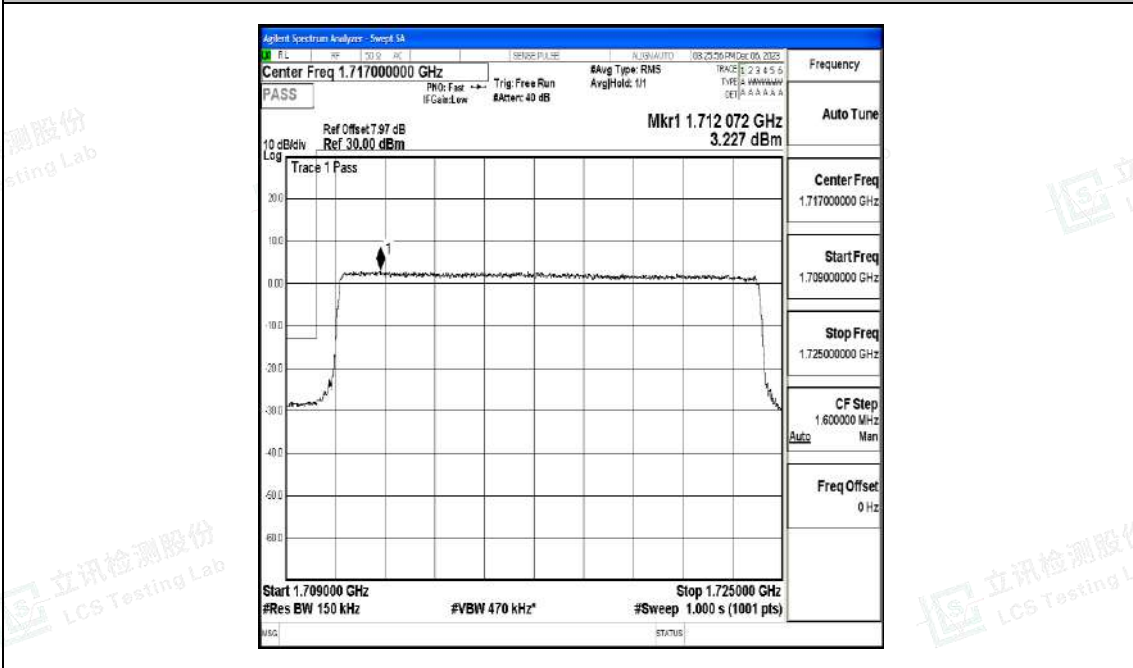


Band4\_10MHz\_16QAM\_20350\_50RB#0



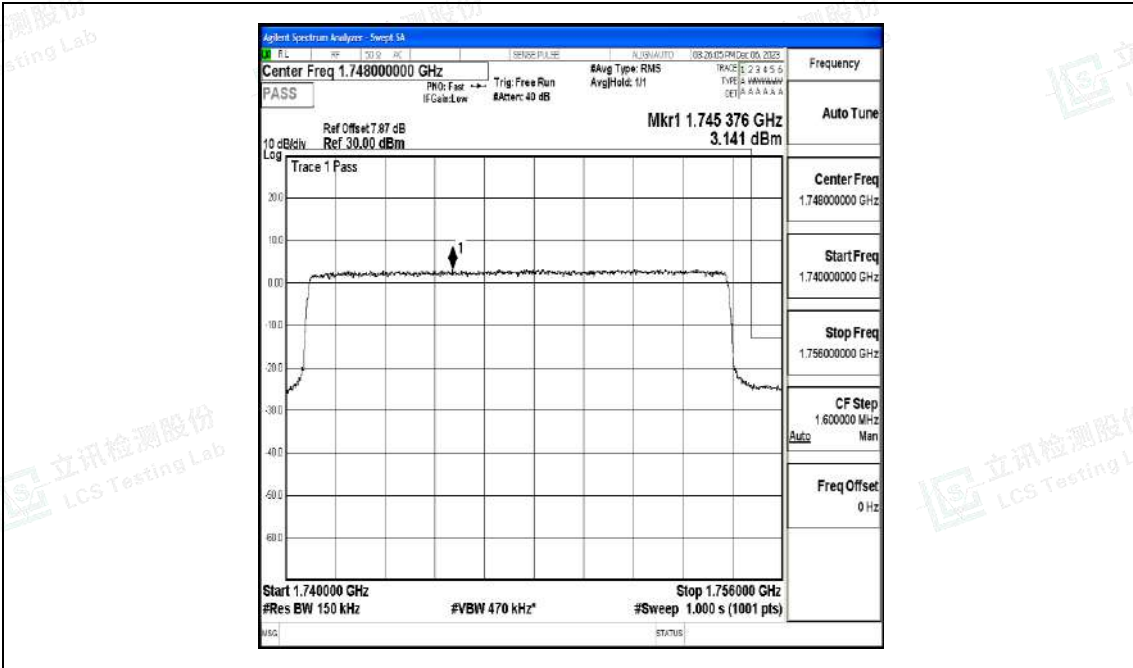


Band4\_15MHz\_QPSK\_20025\_75RB#0

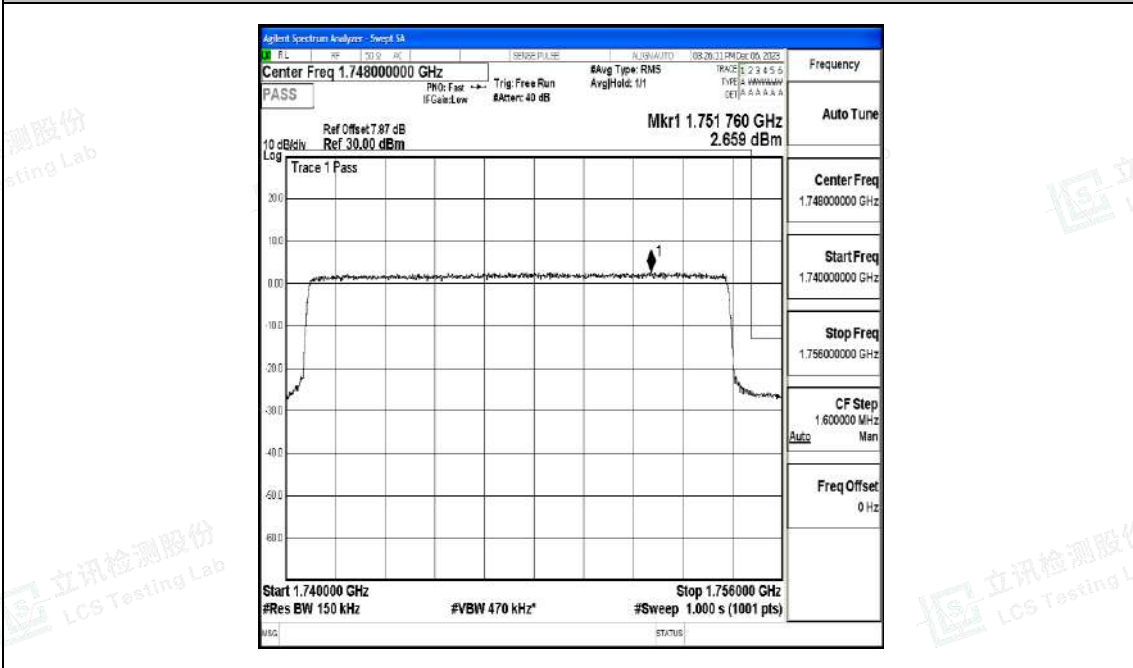


Band4\_15MHz\_16QAM\_20025\_75RB#0



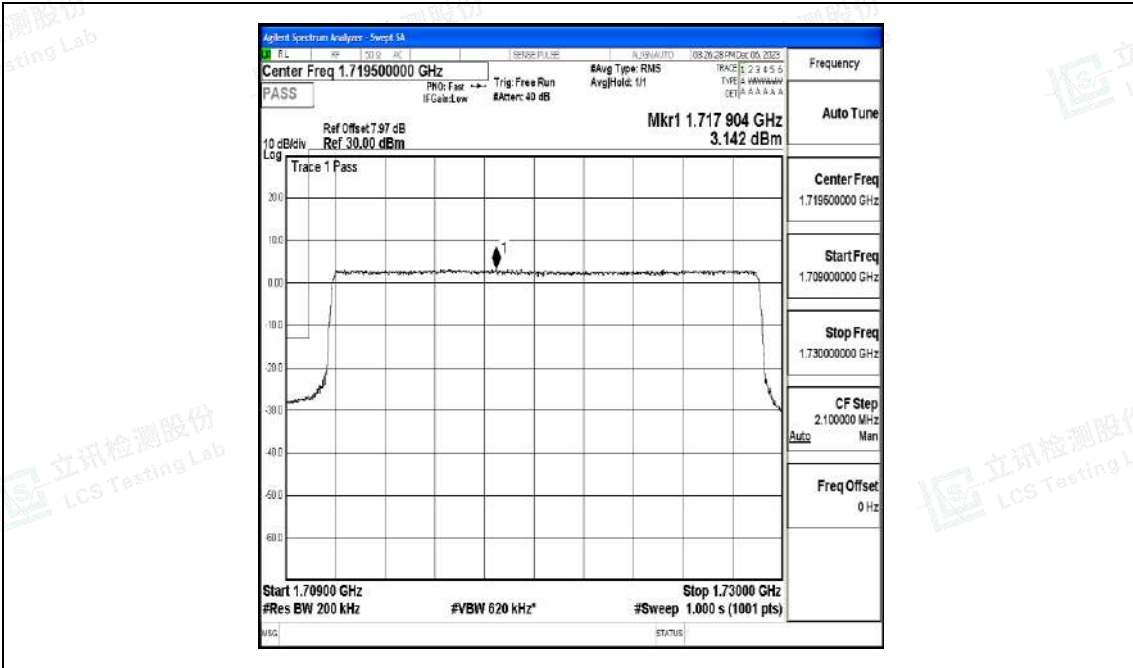


Band4\_15MHz\_QPSK\_20325\_75RB#0

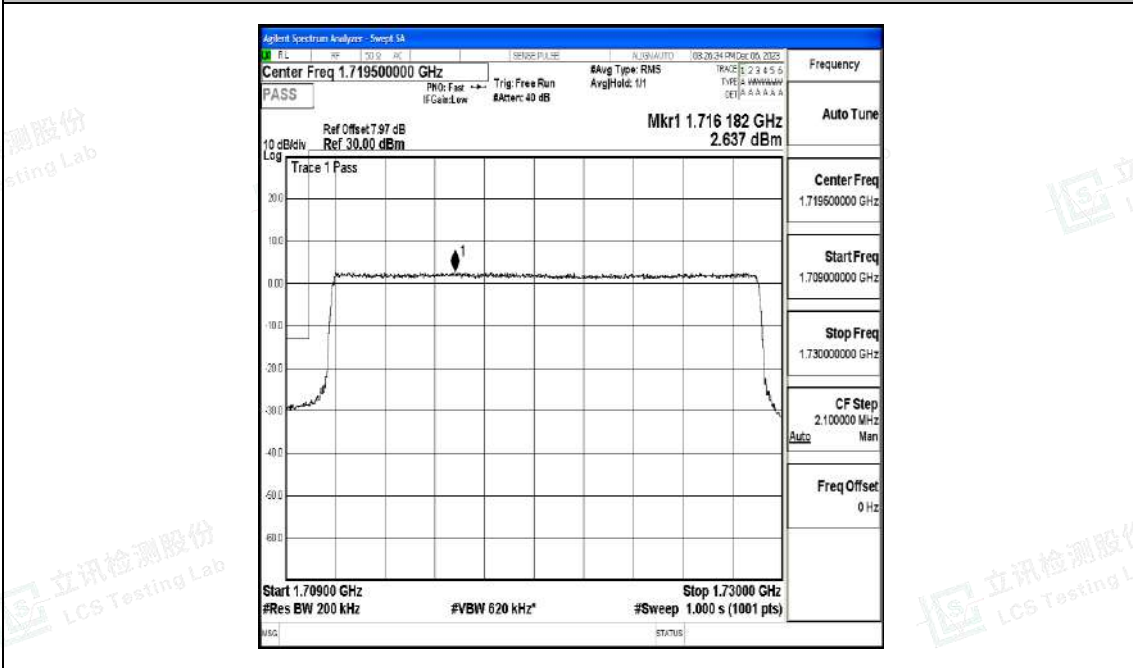


Band4\_15MHz\_16QAM\_20325\_75RB#0





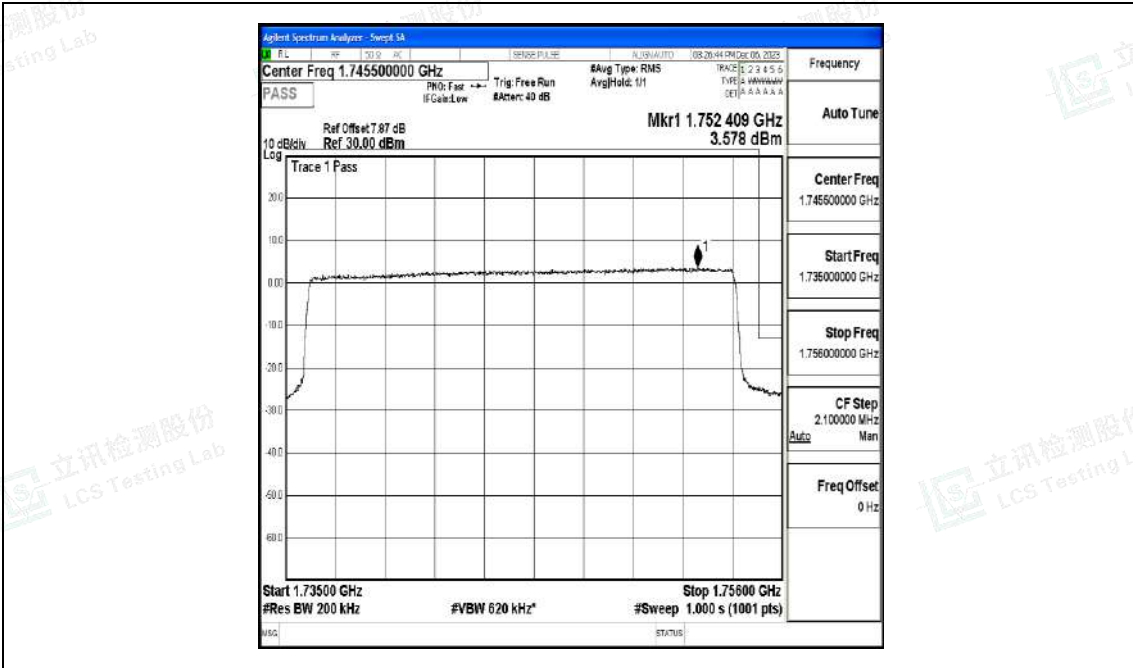
Band4\_20MHz\_QPSK\_20050\_100RB#0



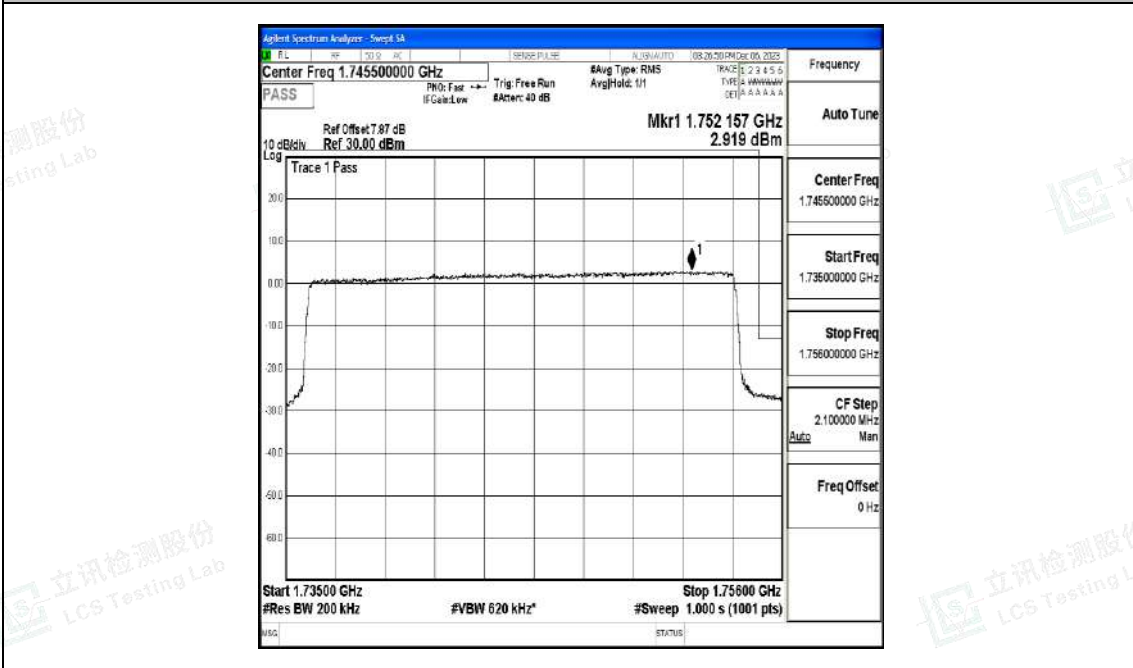
Band4\_20MHz\_16QAM\_20050\_100RB#0







Band4\_20MHz\_QPSK\_20300\_100RB#0



Band4\_20MHz\_16QAM\_20300\_100RB#0





### E.5 Conducted Spurious Emission

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-55.58	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-52.37	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-62.64	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-43.78	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-33.25	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-55.75	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-51.62	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-62.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-41.15	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-33.06	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-59.95	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-53.34	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-62.67	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-44.02	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-32.99	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-59.65	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-51.14	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-62.60	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-42.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-32.87	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-58.53	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-52.50	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-62.83	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-41.69	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-32.92	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-57.98	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-50.52	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-62.60	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-41.83	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-33.14	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-57.07	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-53.86	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-62.21	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-39.60	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-33.20	PASS



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Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-57.16	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-52.01	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-61.56	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-45.30	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-33.18	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-57.42	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-52.55	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-62.23	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-45.52	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-33.09	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-60.93	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-51.51	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-62.06	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-42.96	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-33.13	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-57.50	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-53.11	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-62.02	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-43.91	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-32.73	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-57.01	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-53.51	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-62.08	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-44.56	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-32.66	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-57.11	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-51.58	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-61.94	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-47.65	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-32.95	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-56.81	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-52.94	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-62.16	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-47.84	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-33.23	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-58.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-51.36	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-61.39	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-47.52	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-32.75	PASS



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Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-57.96	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-52.78	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-62.11	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-47.40	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-33.24	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-58.39	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-54.36	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-62.04	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-47.79	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-32.66	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-57.84	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-52.51	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-62.40	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-47.83	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-33.16	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-57.05	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-50.99	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-62.97	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-47.68	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-32.86	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-57.16	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-51.04	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-62.88	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-47.47	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-32.60	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-59.13	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-51.94	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-62.73	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-47.76	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-32.92	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-59.20	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-53.68	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-62.71	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-47.50	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-33.27	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-59.38	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-52.76	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-62.76	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-47.80	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-32.81	PASS



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Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-59.36	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-52.64	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-62.95	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-47.80	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-33.18	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-60.73	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-51.11	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-62.51	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-47.70	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-33.19	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-57.19	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-54.13	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-62.73	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-47.67	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-32.88	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-55.77	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-51.02	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-62.83	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-47.63	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-33.30	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-59.89	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-50.95	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-62.82	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-47.50	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-33.33	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-60.57	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-51.81	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-62.89	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-47.39	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-33.13	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-57.61	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-53.39	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-62.65	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-47.82	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-33.27	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-58.90	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-53.43	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-61.81	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-46.24	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-33.22	PASS



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Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-53.74	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-53.96	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-61.65	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-47.26	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-32.96	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-58.31	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-53.16	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-62.16	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-47.46	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-33.25	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-58.34	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-51.10	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-61.63	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-48.07	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-32.82	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-57.04	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-51.50	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-62.25	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-47.81	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-32.46	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-55.48	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-52.85	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-62.04	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-47.25	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-33.05	PASS

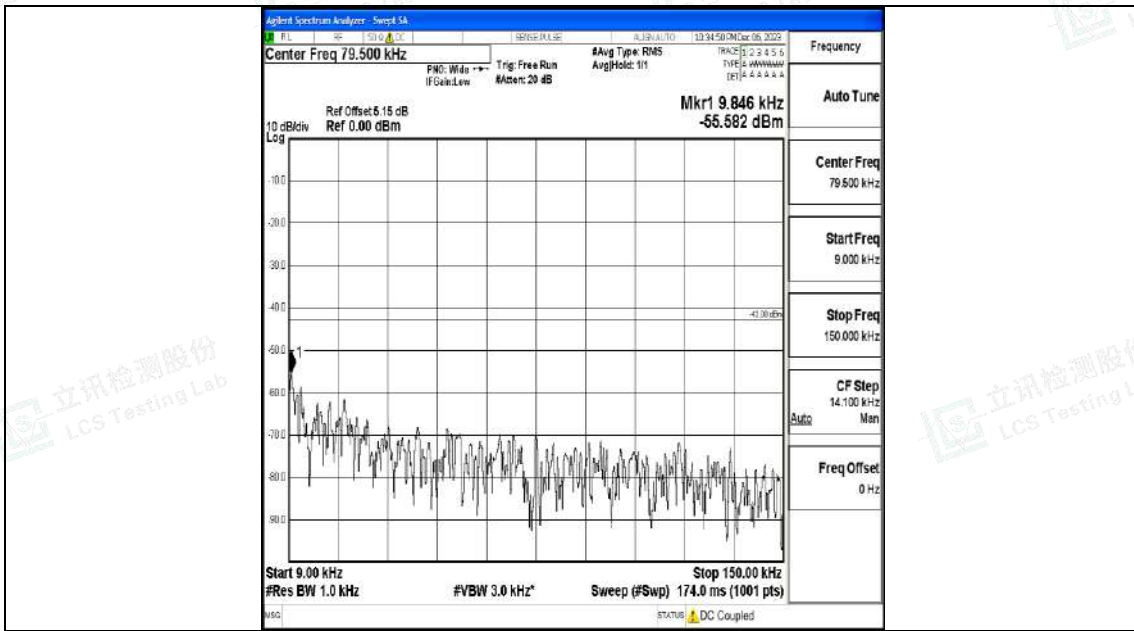


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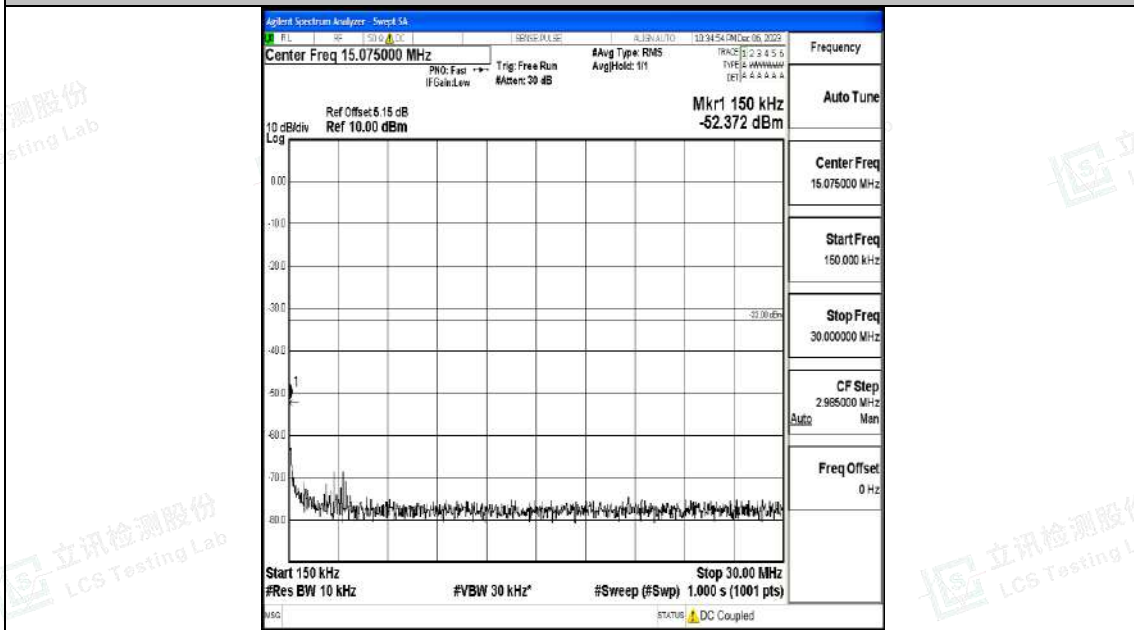




### Test Graphs

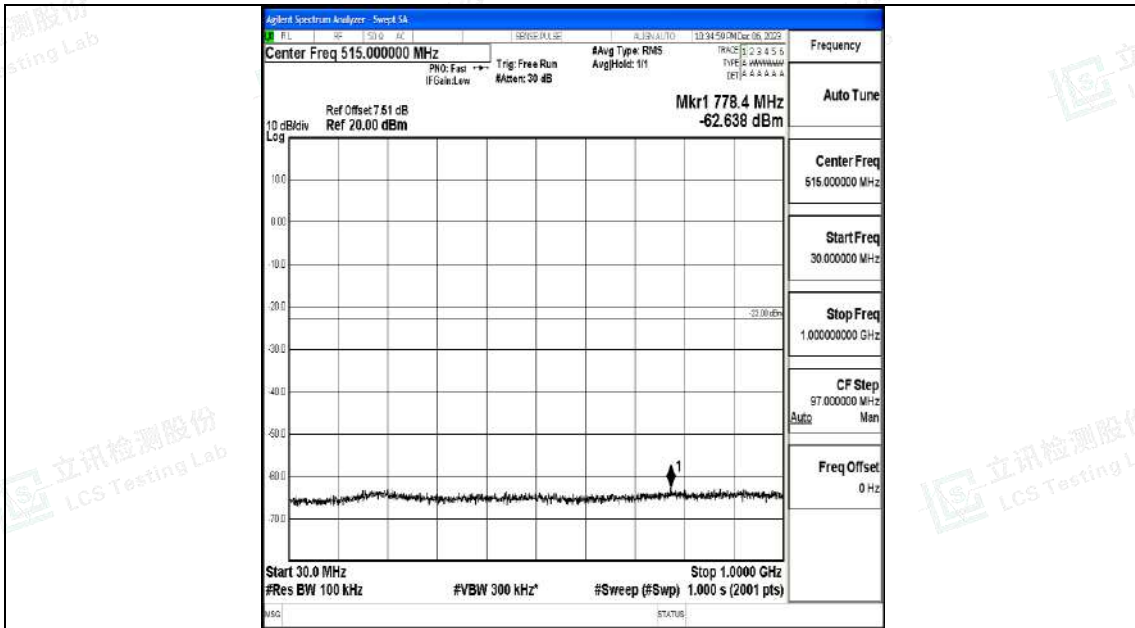


Band4\_1.4MHz\_QPSK\_19957\_1RB#0\_0.009~0.15\_0.009~0.15

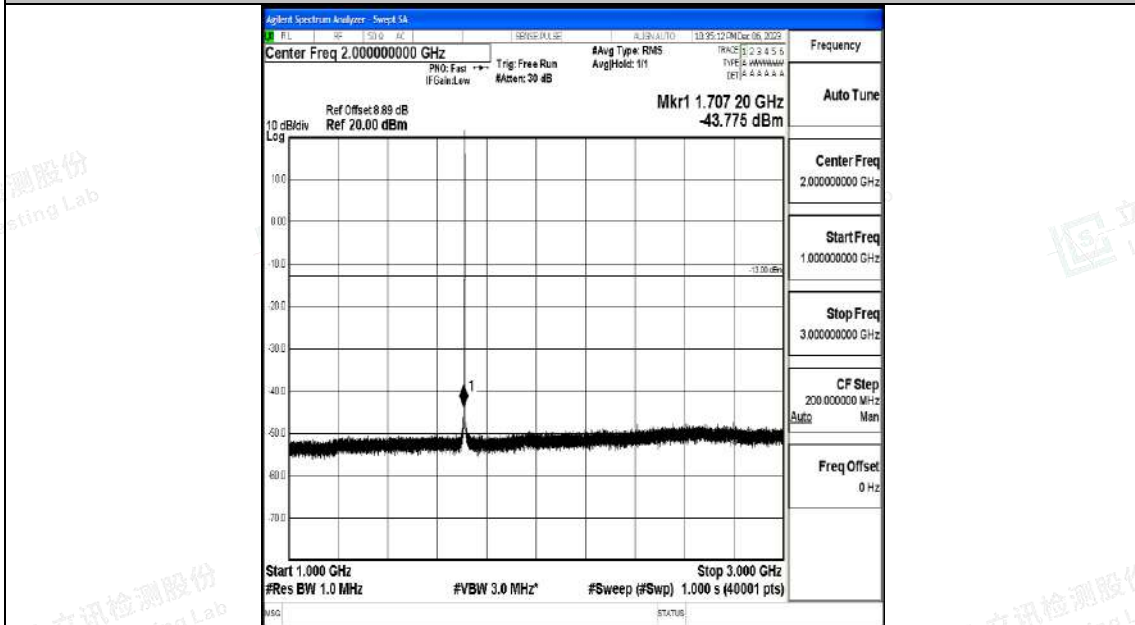


Band4\_1.4MHz\_QPSK\_19957\_1RB#0\_0.15~30\_0.15~30



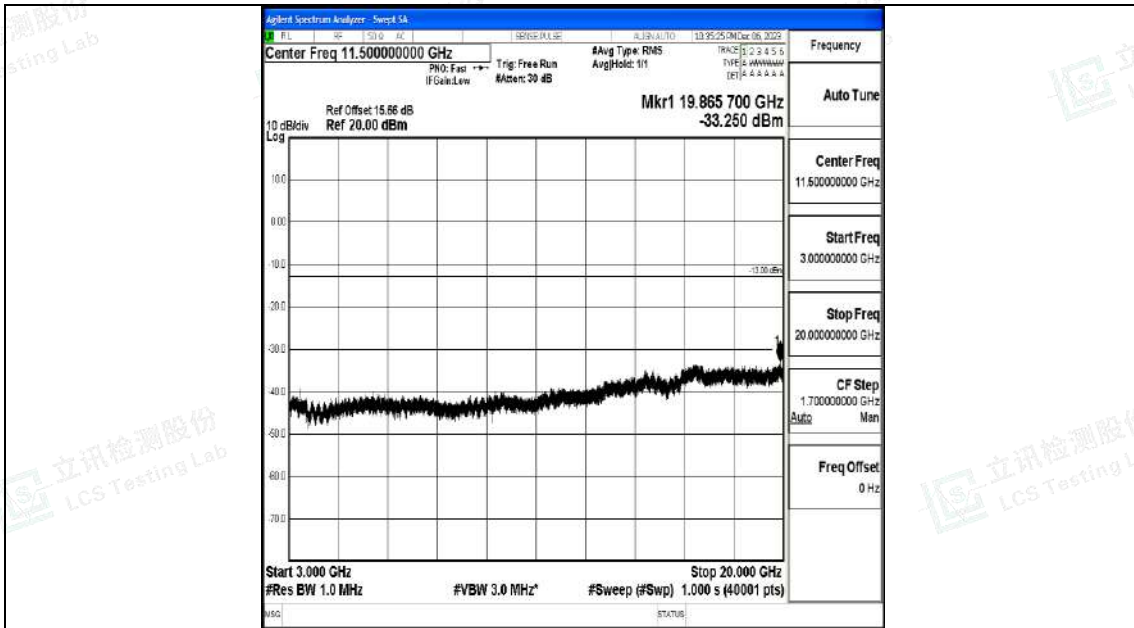


Band4\_1.4MHz\_QPSK\_19957\_1RB#0\_30~1000\_30~1000

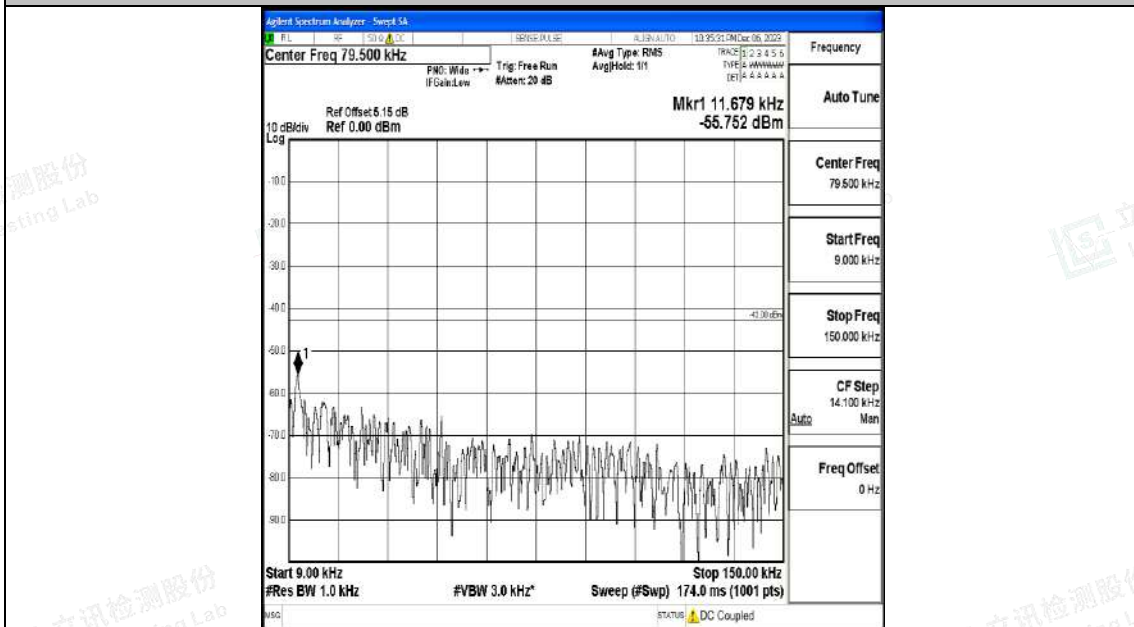


Band4\_1.4MHz\_QPSK\_19957\_1RB#0\_1000~3000\_1000~3000



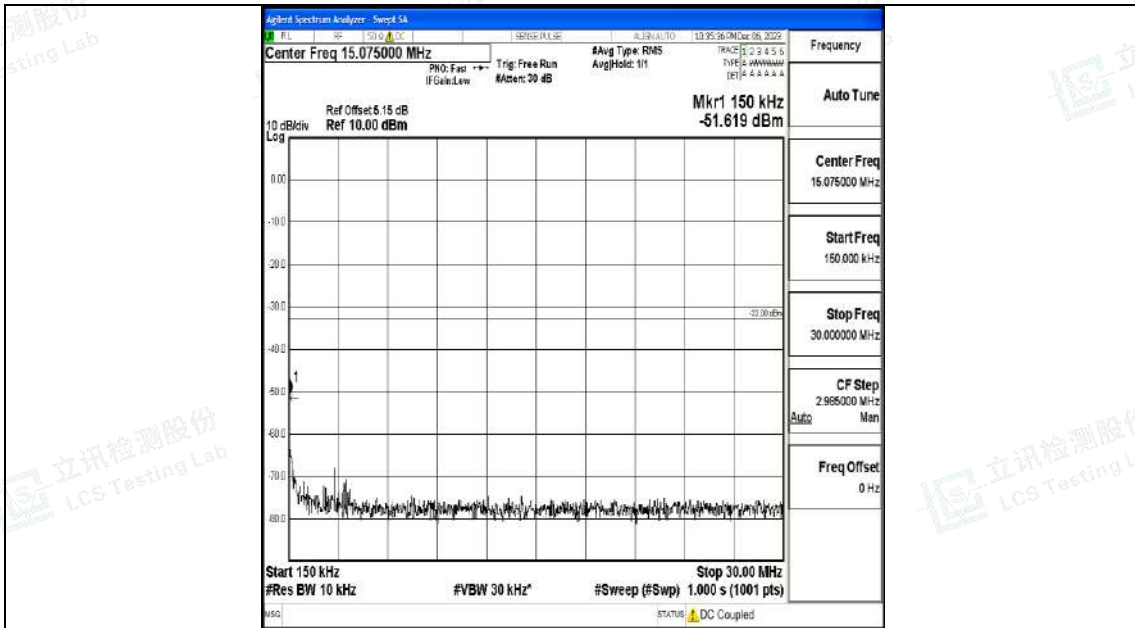


Band4\_1.4MHz\_QPSK\_19957\_1RB#0\_3000~20000\_3000~20000

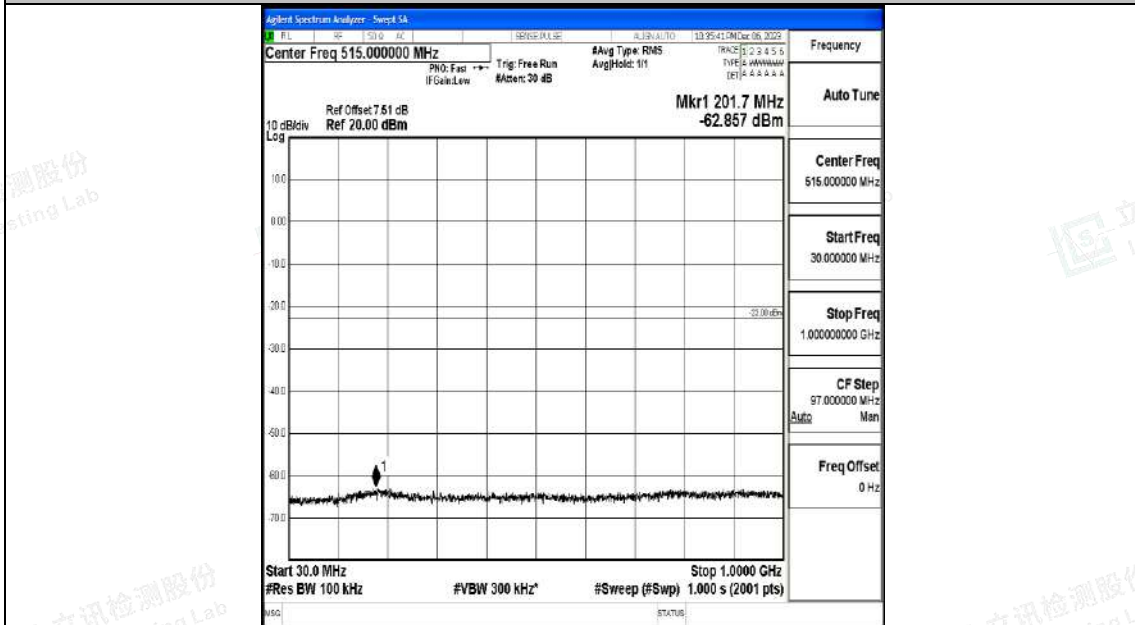


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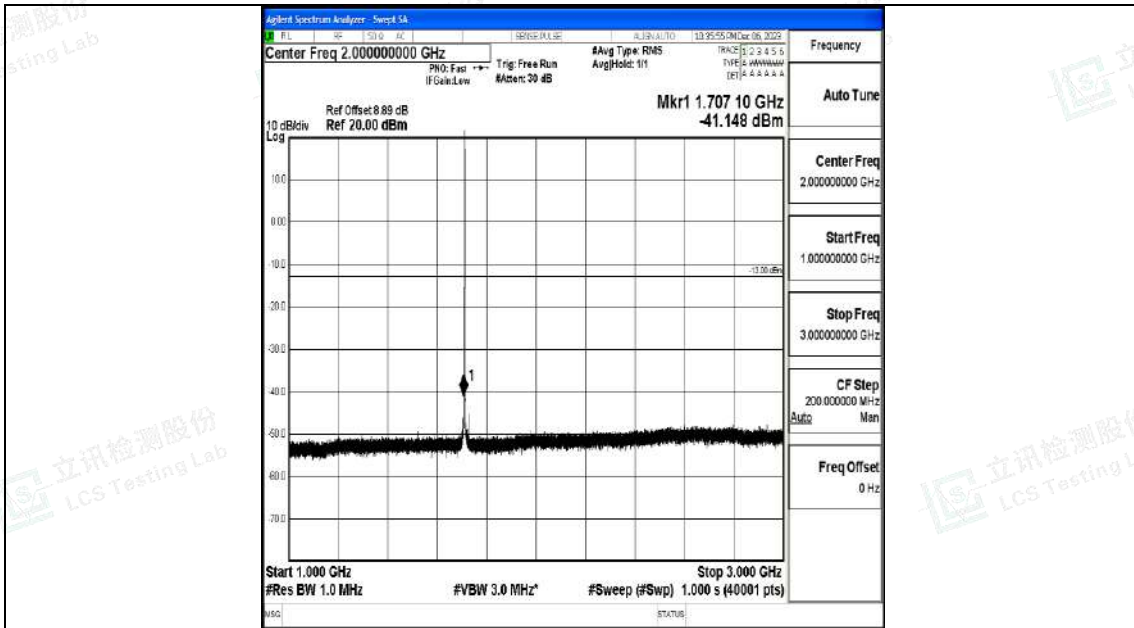


Band4\_1.4MHz\_16QAM\_19957\_1RB#0\_0.15~30\_0.15~30

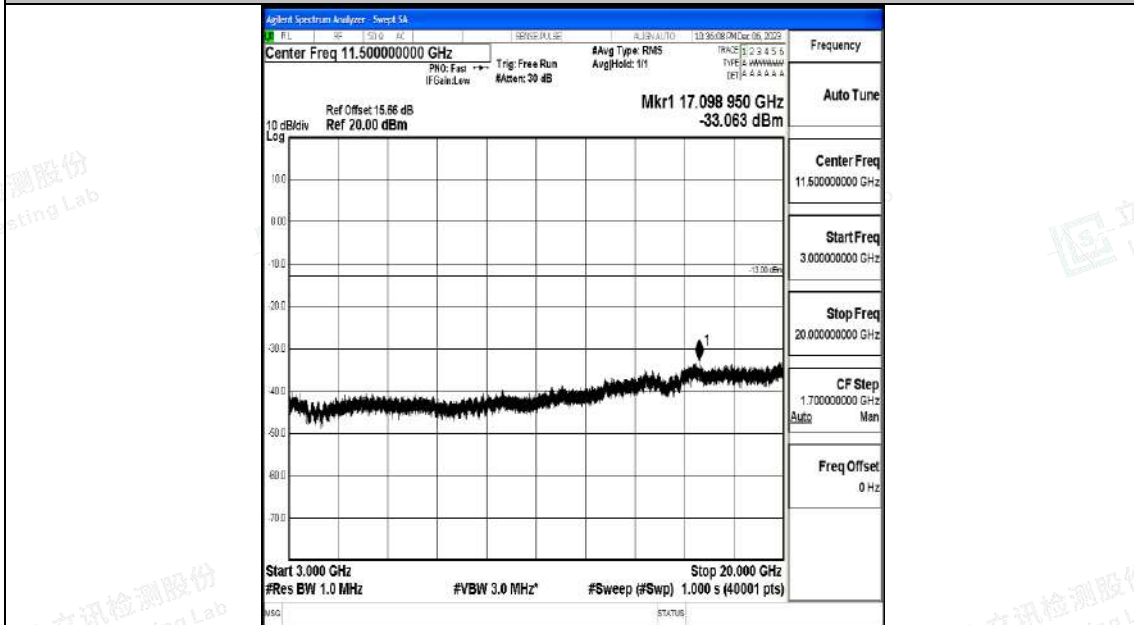


Band4\_1.4MHz\_16QAM\_19957\_1RB#0\_30~1000\_30~1000





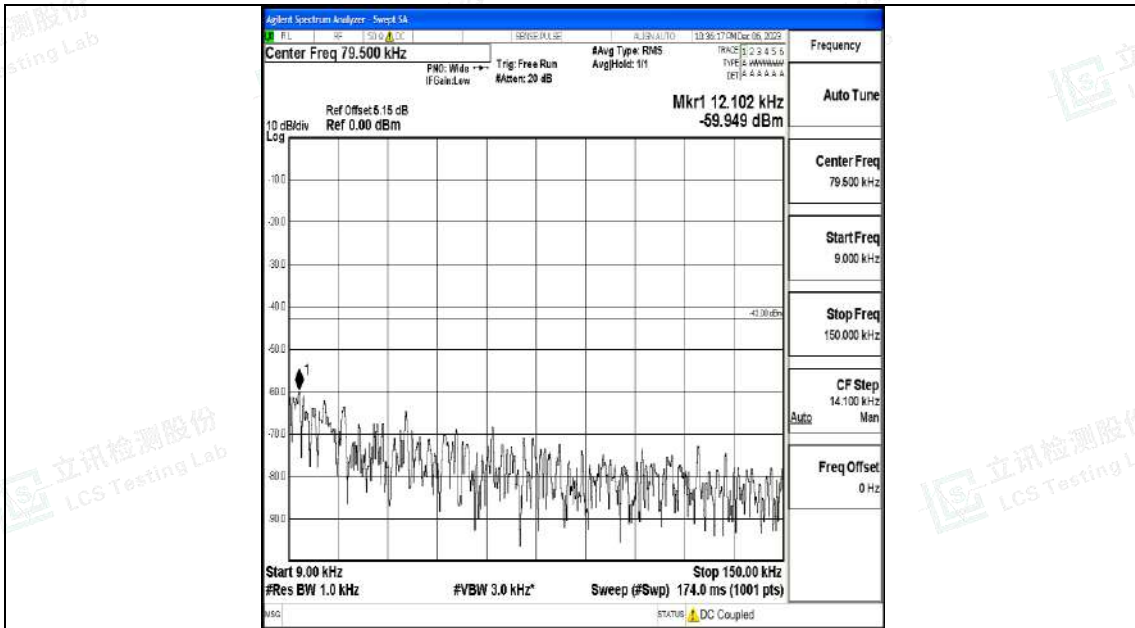
Band4\_1.4MHz\_16QAM\_19957\_1RB#0\_1000~3000\_1000~3000



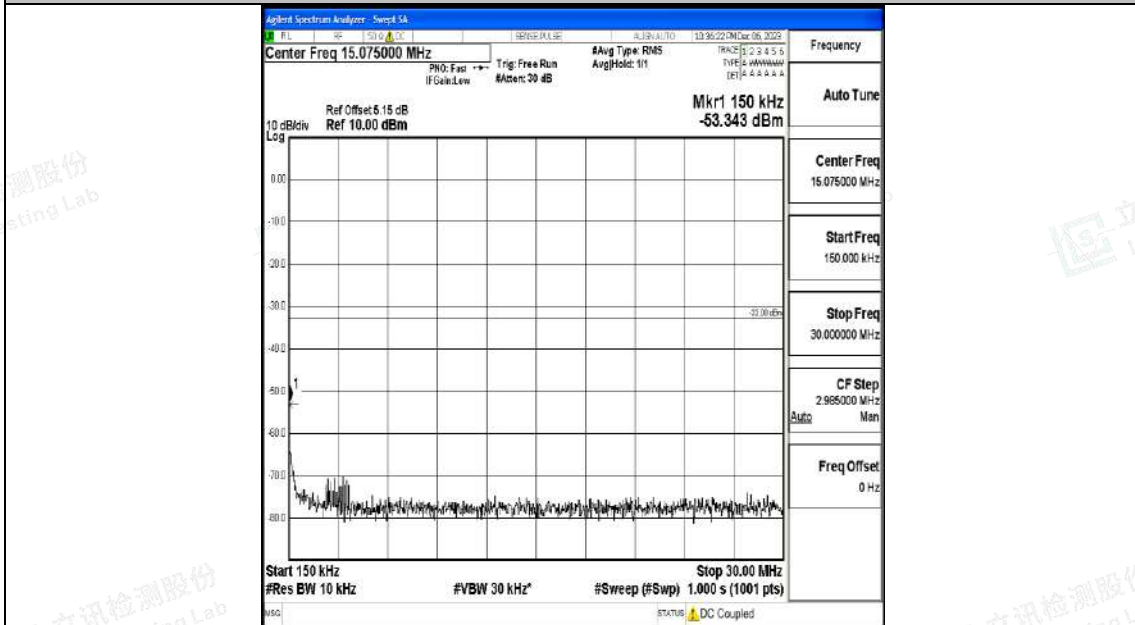
Band4\_1.4MHz\_16QAM\_19957\_1RB#0\_3000~20000\_3000~20000







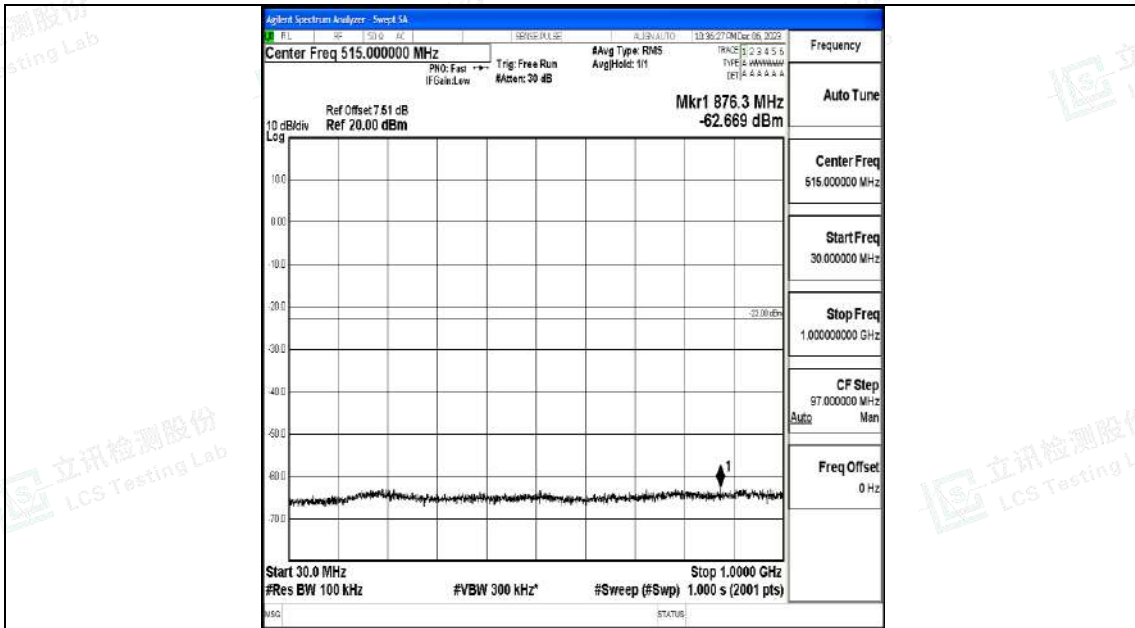
Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_0.009~0.15\_0.009~0.15



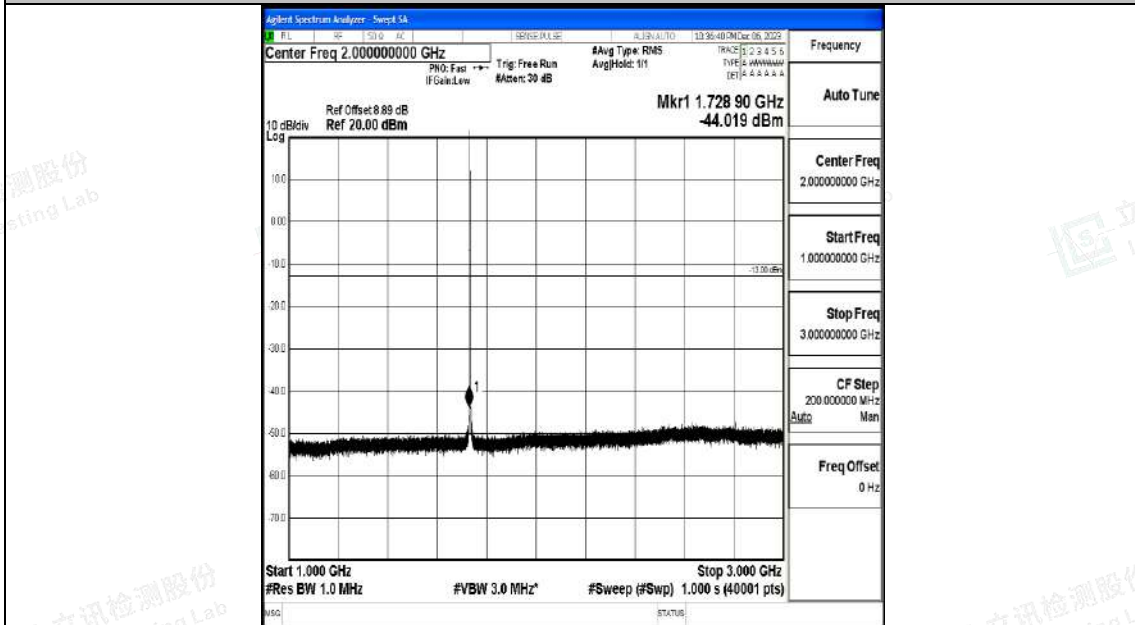
Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_0.15~30\_0.15~30





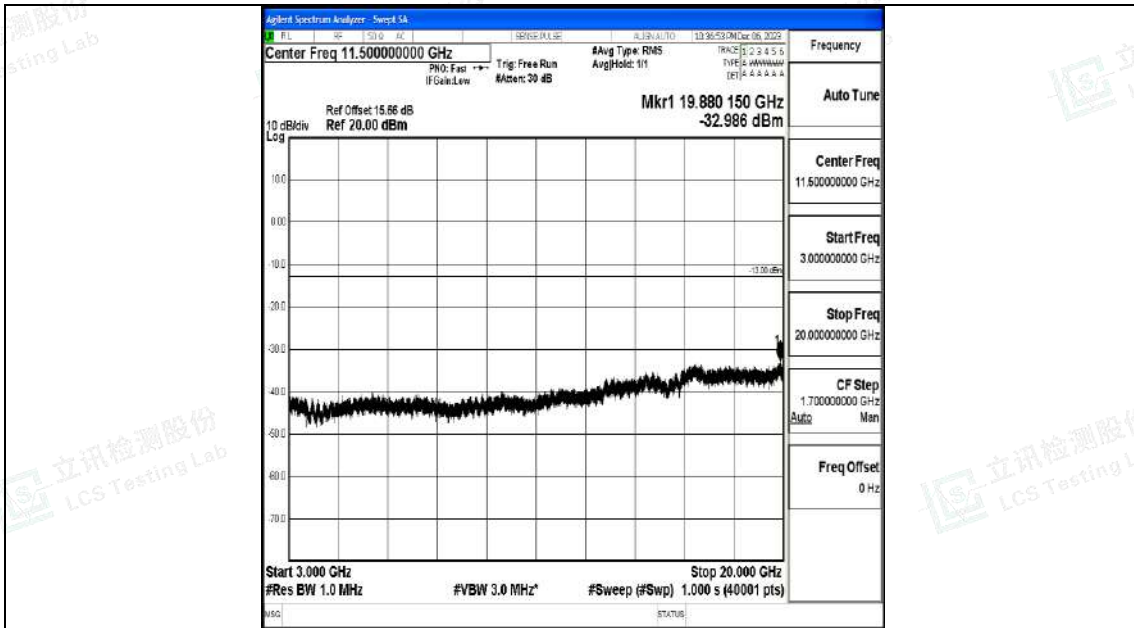


Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_30~1000\_30~1000

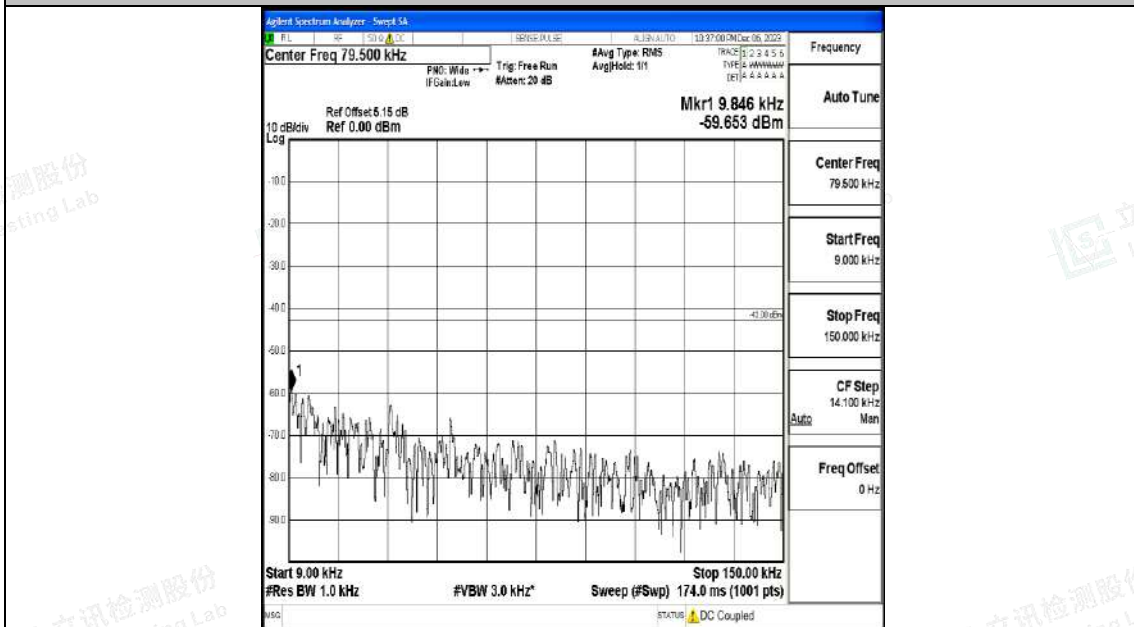


Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_1000~3000\_1000~3000



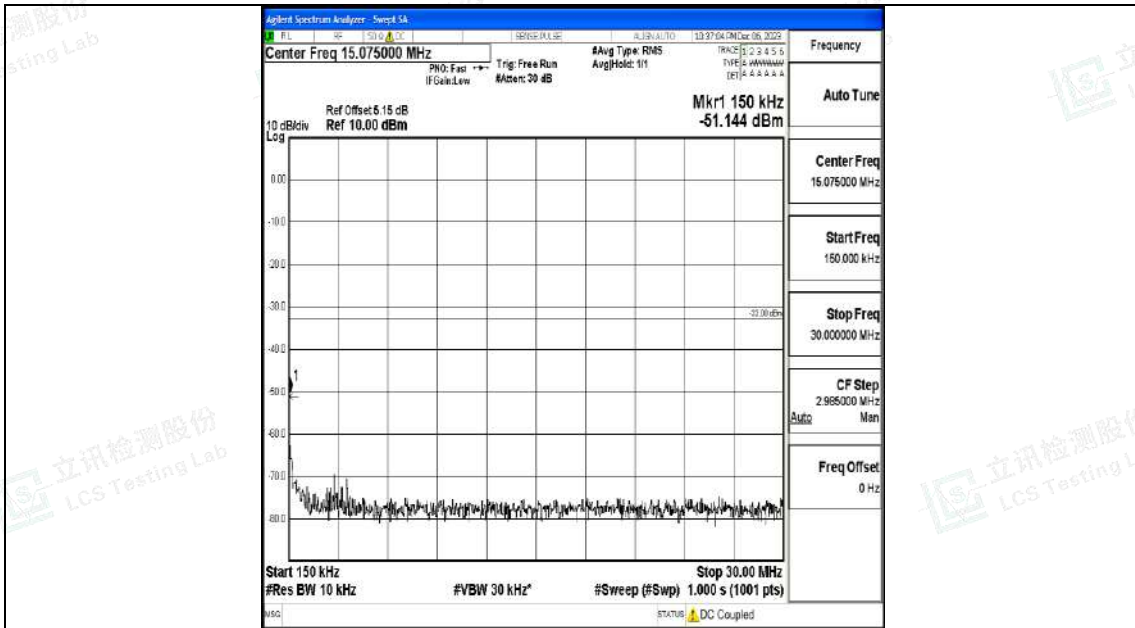


Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_3000~20000\_3000~20000

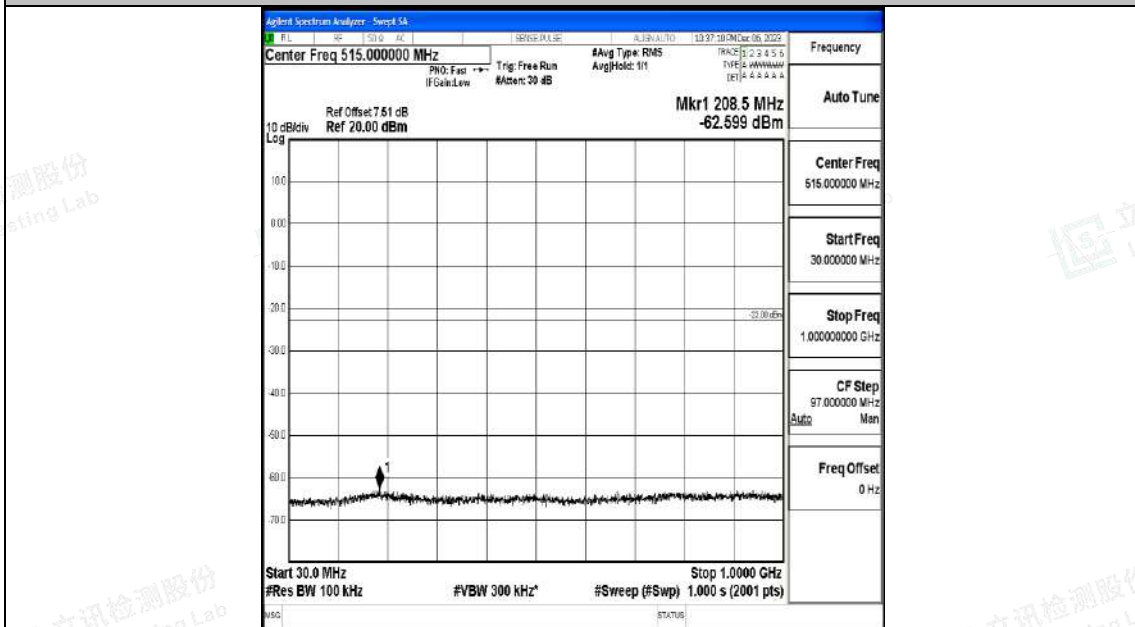


Band4\_1.4MHz\_16QAM\_20175\_1RB#0\_0.009~0.15\_0.009~0.15



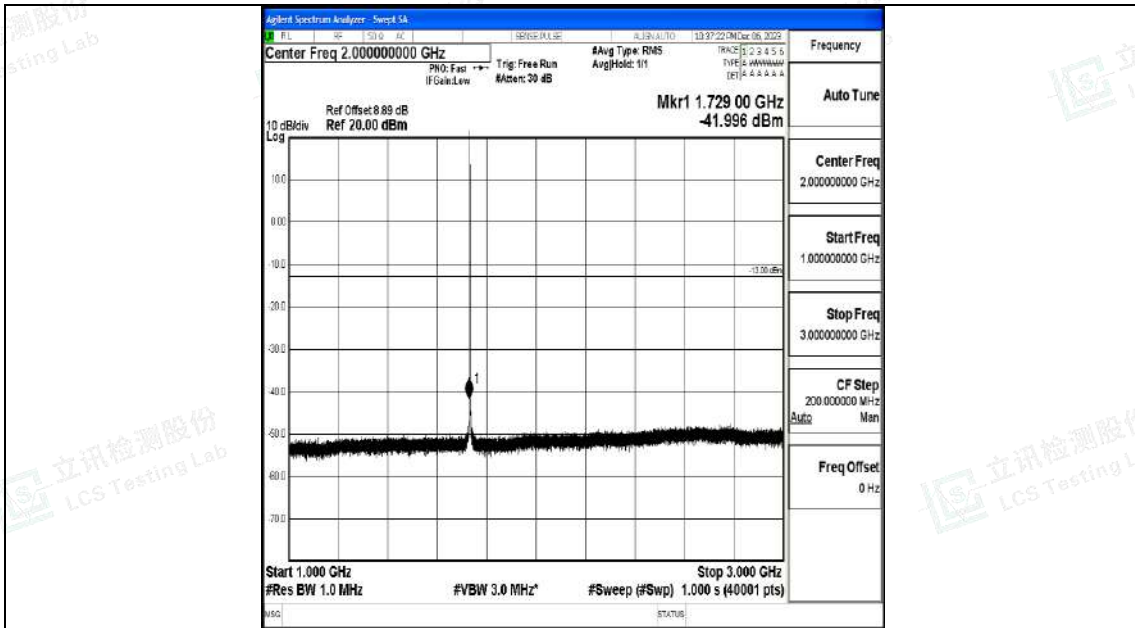


Band4\_1.4MHz\_16QAM\_20175\_1RB#0\_0.15~30\_0.15~30

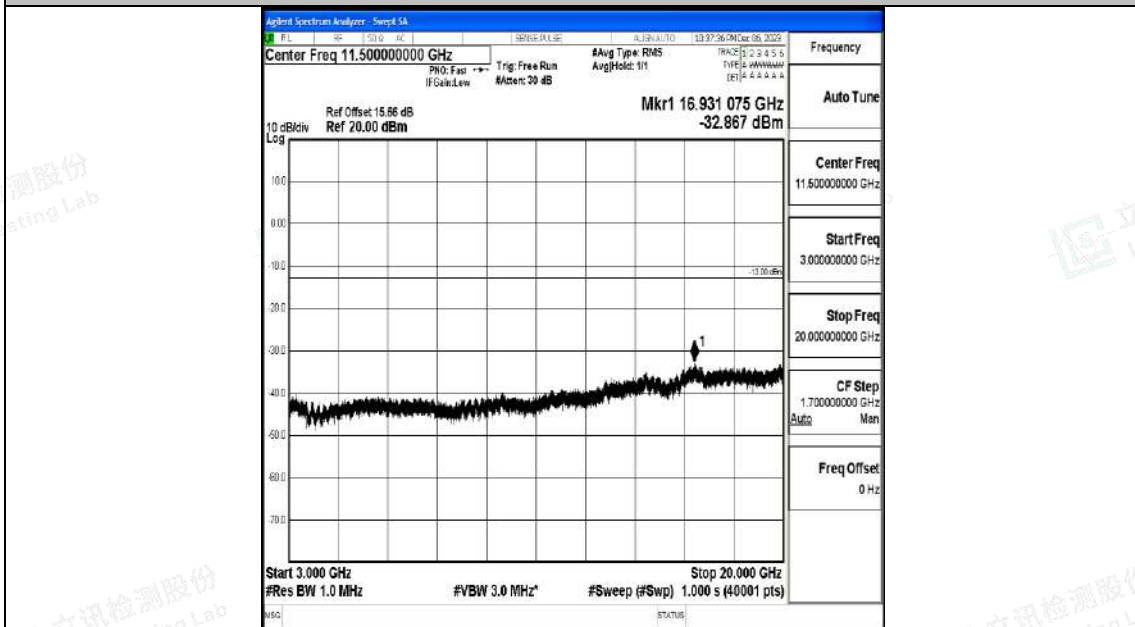


Band4\_1.4MHz\_16QAM\_20175\_1RB#0\_30~1000\_30~1000



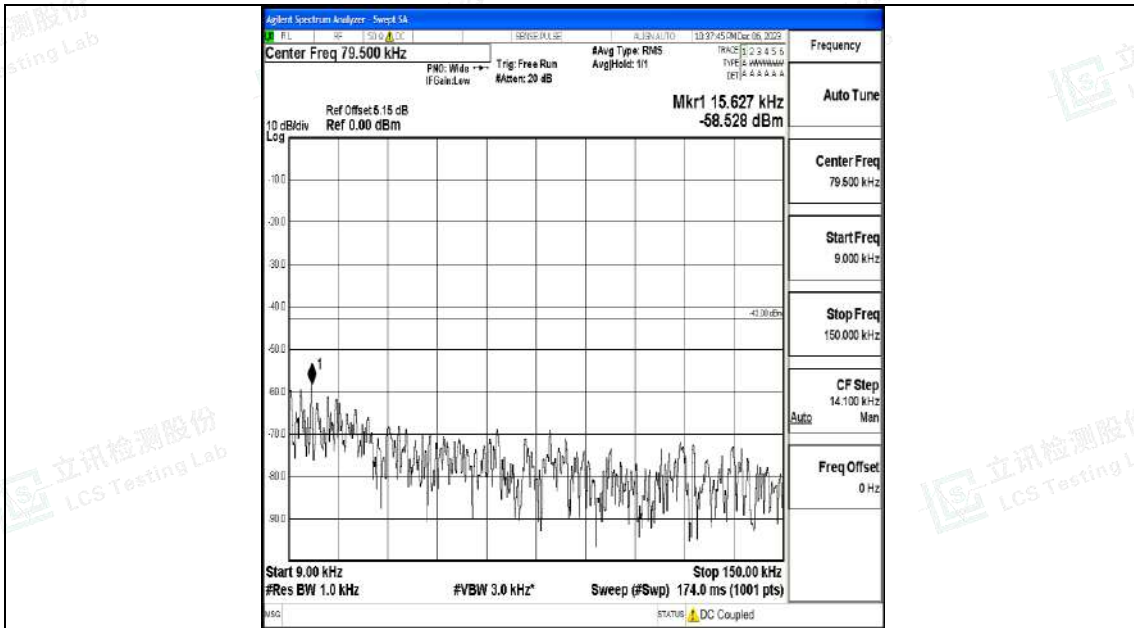


Band4\_1.4MHz\_16QAM\_20175\_1RB#0\_1000~3000\_1000~3000

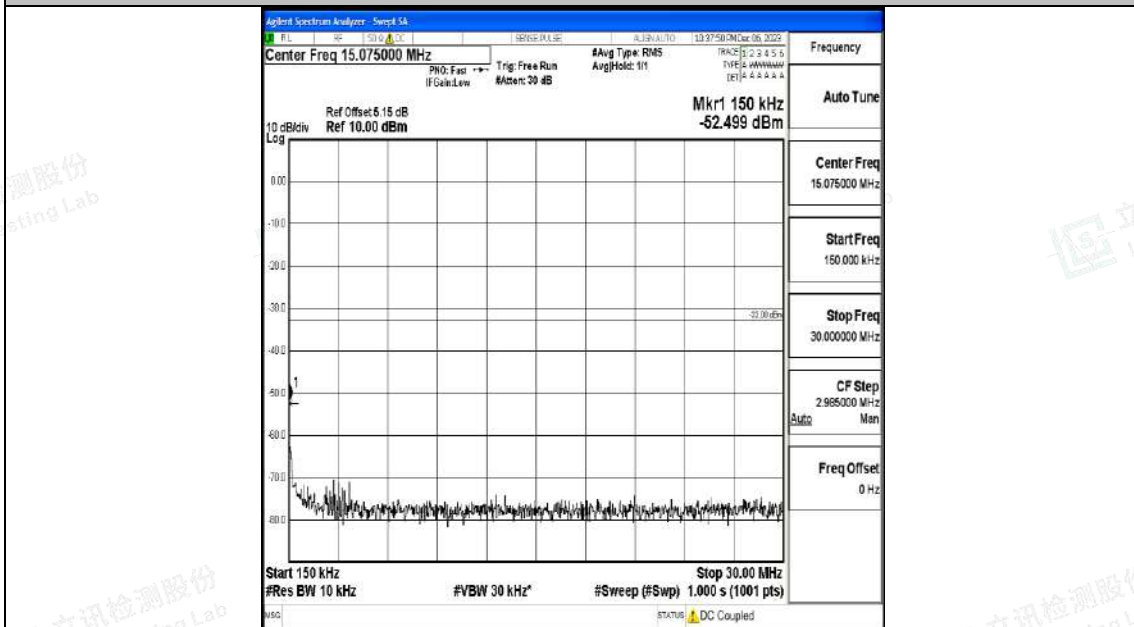


Band4\_1.4MHz\_16QAM\_20175\_1RB#0\_3000~20000\_3000~20000





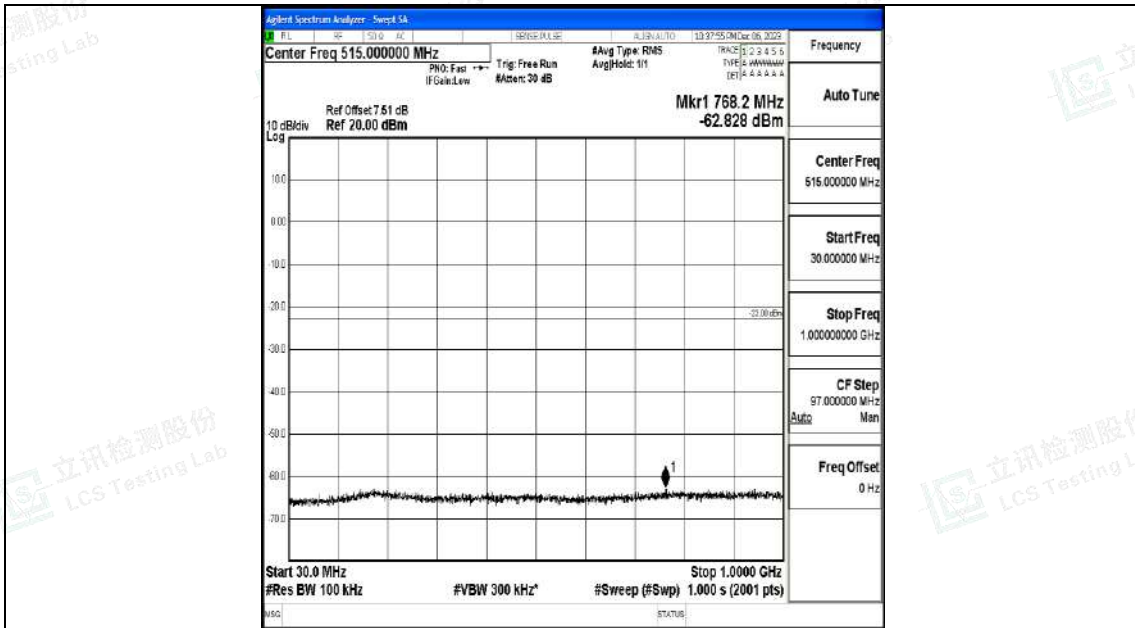
Band4\_1.4MHz\_QPSK\_20393\_1RB#0\_0.009~0.15\_0.009~0.15



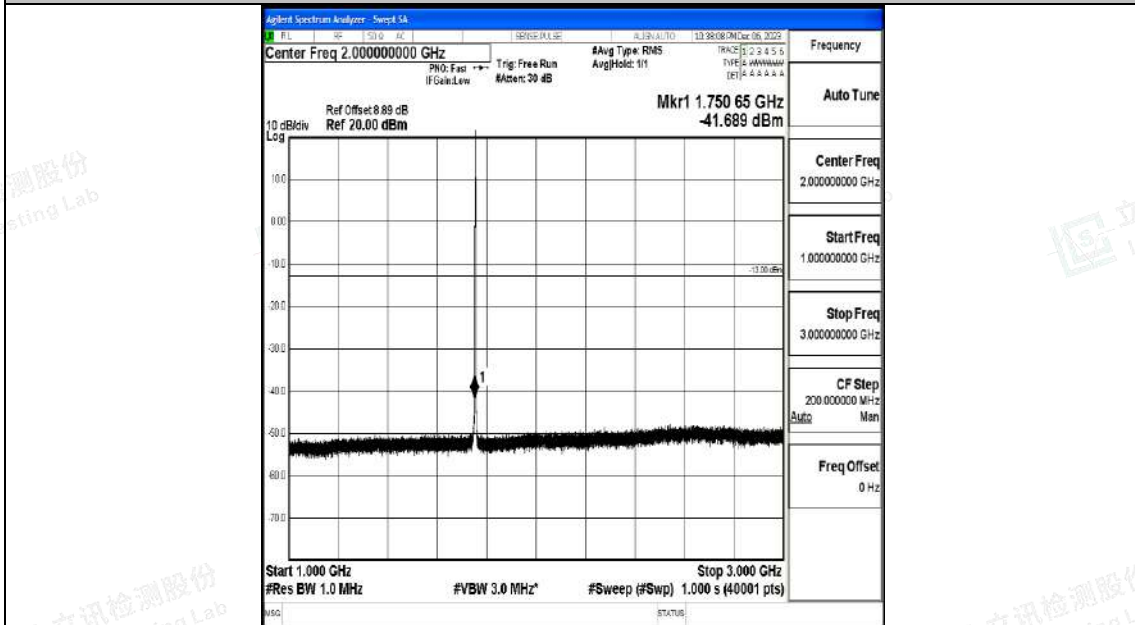
Band4\_1.4MHz\_QPSK\_20393\_1RB#0\_0.15~30\_0.15~30







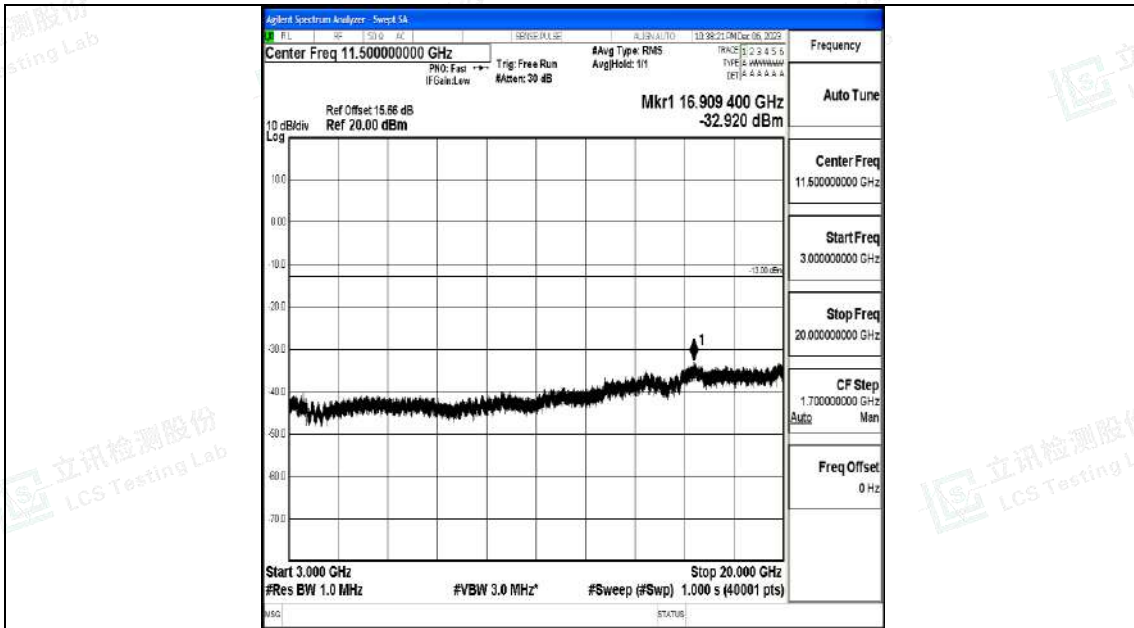
Band4\_1.4MHz\_QPSK\_20393\_1RB#0\_30~1000\_30~1000



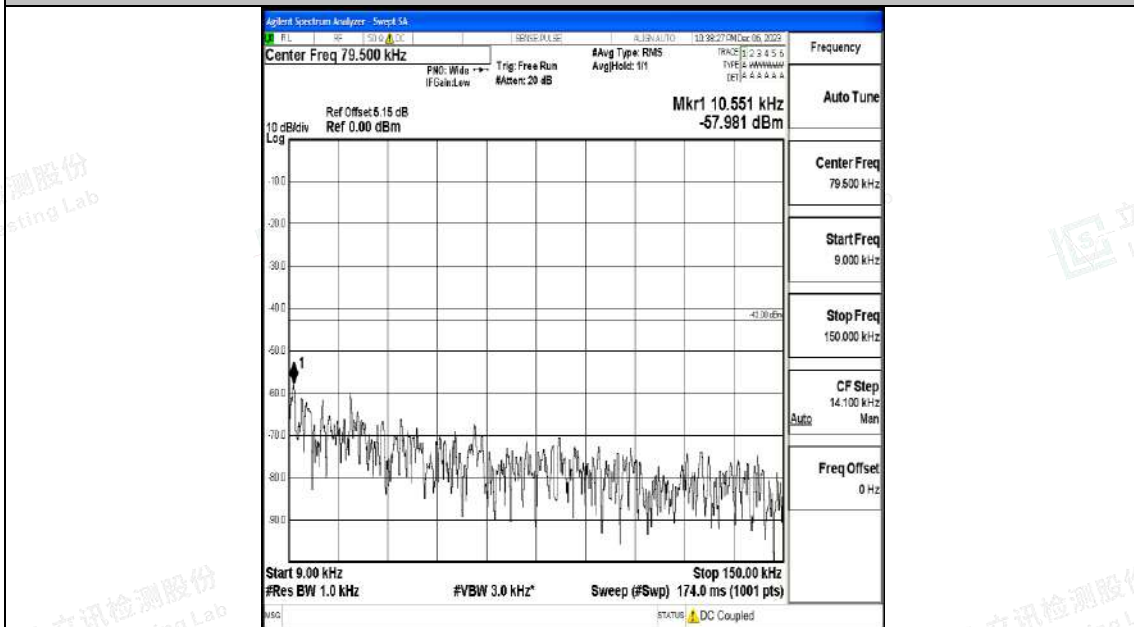
Band4\_1.4MHz\_QPSK\_20393\_1RB#0\_1000~3000\_1000~3000





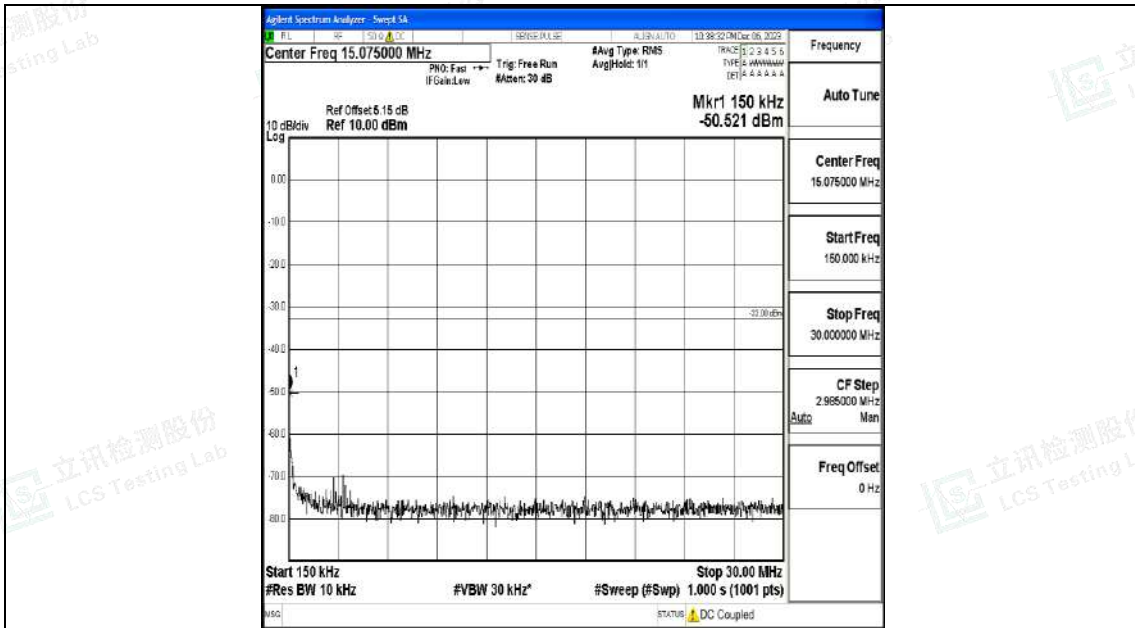


Band4\_1.4MHz\_QPSK\_20393\_1RB#0\_3000~20000\_3000~20000

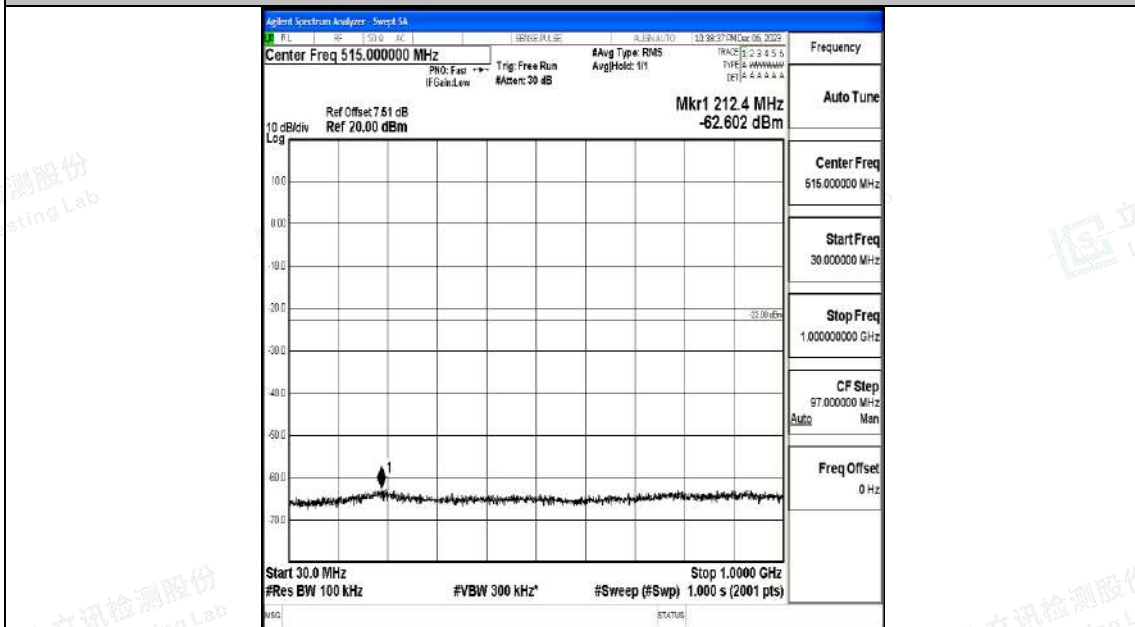


Band4\_1.4MHz\_16QAM\_20393\_1RB#0\_0.009~0.15\_0.009~0.15



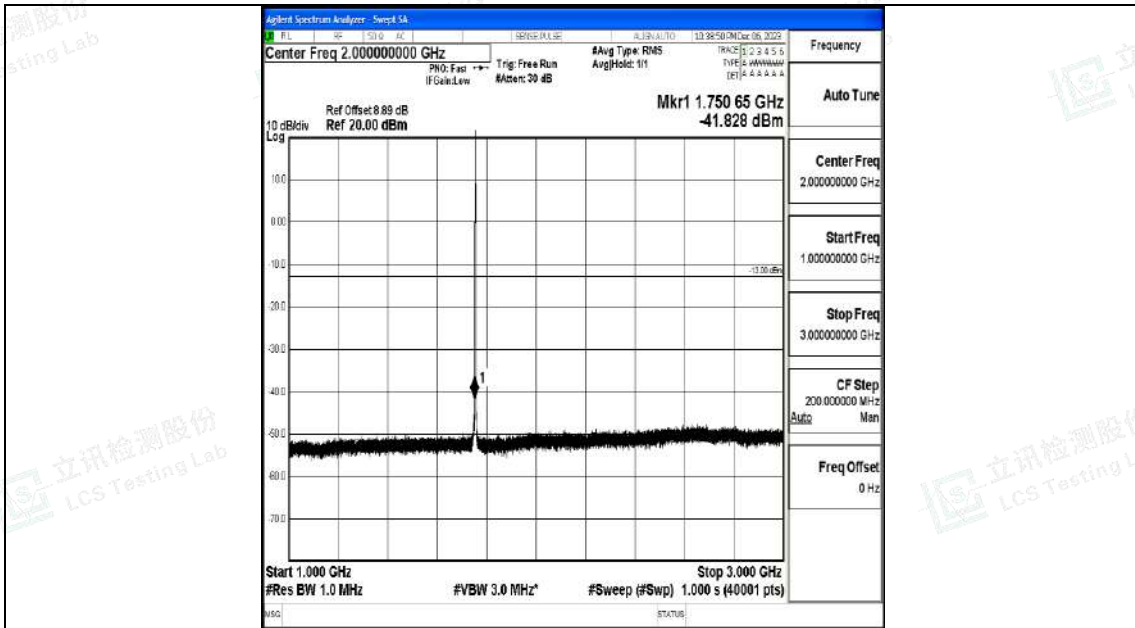


Band4\_1.4MHz\_16QAM\_20393\_1RB#0\_0.15~30\_0.15~30

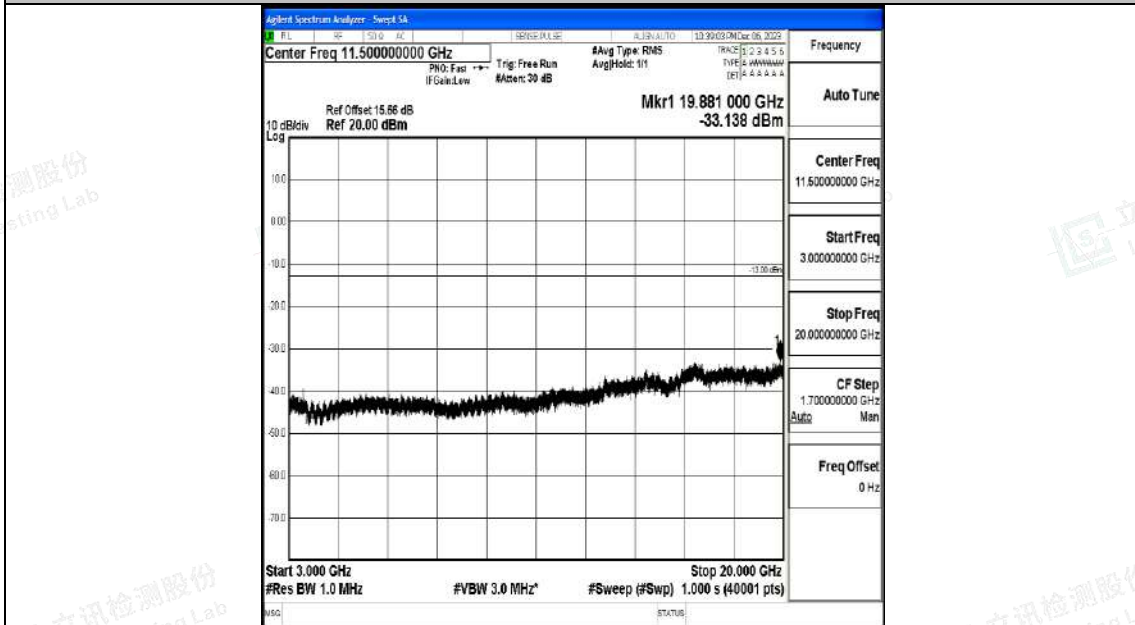


Band4\_1.4MHz\_16QAM\_20393\_1RB#0\_30~1000\_30~1000





Band4\_1.4MHz\_16QAM\_20393\_1RB#0\_1000~3000\_1000~3000



Band4\_1.4MHz\_16QAM\_20393\_1RB#0\_3000~20000\_3000~20000

