



## Appendix L: Test Data for E-UTRA Band 66

Product Name: Smart Phone

Test Model: HPPL63A

### Environmental Conditions

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





### L.1 Conducted Output Power Data

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	20.53	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	19.63	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	20.54	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	19.62	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	20.57	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	19.61	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	20.51	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	19.56	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	20.49	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	19.58	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	20.49	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	19.53	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	19.68	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	18.98	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	21.80	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.23	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	21.87	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.22	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	21.79	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.43	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	22.09	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	20.99	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	22.07	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	20.97	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	21.87	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	20.81	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.11	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.36	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.59	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.91	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.56	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.87	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.54	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.91	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	22.69	PASS





Band66	1.4MHz	16QAM	132665	3RB#0	21.63	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	22.71	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	21.71	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	22.67	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	21.67	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.82	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.97	PASS
Band66	3MHz	QPSK	131987	1RB#0	21.65	PASS
Band66	3MHz	16QAM	131987	1RB#0	20.83	PASS
Band66	3MHz	QPSK	131987	1RB#8	21.61	PASS
Band66	3MHz	16QAM	131987	1RB#8	20.80	PASS
Band66	3MHz	QPSK	131987	1RB#14	21.59	PASS
Band66	3MHz	16QAM	131987	1RB#14	20.70	PASS
Band66	3MHz	QPSK	131987	8RB#0	20.89	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.23	PASS
Band66	3MHz	QPSK	131987	8RB#4	20.92	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.23	PASS
Band66	3MHz	QPSK	131987	8RB#7	20.86	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.21	PASS
Band66	3MHz	QPSK	131987	15RB#0	20.84	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.56	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.45	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.55	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.36	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.49	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.32	PASS
Band66	3MHz	QPSK	132322	8RB#0	21.64	PASS
Band66	3MHz	16QAM	132322	8RB#0	20.97	PASS
Band66	3MHz	QPSK	132322	8RB#4	21.63	PASS
Band66	3MHz	16QAM	132322	8RB#4	20.97	PASS
Band66	3MHz	QPSK	132322	8RB#7	21.59	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.02	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.68	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.68	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.66	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.76	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.65	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.81	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.63	PASS



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Band66	3MHz	16QAM	132657	1RB#14	21.79	PASS
Band66	3MHz	QPSK	132657	8RB#0	21.98	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.29	PASS
Band66	3MHz	QPSK	132657	8RB#4	21.96	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.29	PASS
Band66	3MHz	QPSK	132657	8RB#7	21.90	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.12	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.83	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.98	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.78	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.43	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.77	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.46	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.71	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.35	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.96	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.08	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.98	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.08	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.92	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.07	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.89	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.17	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.94	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.48	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.97	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.98	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.89	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.36	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.47	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.36	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.48	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.27	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.44	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.18	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.47	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.76	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.40	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.73	PASS





Band66	5MHz	16QAM	132647	1RB#12	21.44	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.69	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.43	PASS
Band66	5MHz	QPSK	132647	12RB#0	21.95	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.14	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.65	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.98	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.59	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.89	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.62	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.84	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.87	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.06	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.91	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.07	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.93	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.06	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.89	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.07	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.28	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.22	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.10	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.67	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.91	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.47	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.36	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.61	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.34	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.64	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.12	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.43	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.31	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.45	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.71	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.68	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.94	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.59	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.80	PASS
Band66	10MHz	QPSK	132622	25RB#0	21.92	PASS





Band66	10MHz	16QAM	132622	25RB#0	21.10	PASS
Band66	10MHz	QPSK	132622	25RB#12	21.98	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.08	PASS
Band66	10MHz	QPSK	132622	25RB#25	21.90	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.05	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.96	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.09	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.70	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.95	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.57	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.96	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.24	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.15	PASS
Band66	15MHz	QPSK	132047	38RB#0	21.88	PASS
Band66	15MHz	16QAM	132047	38RB#0	21.89	PASS
Band66	15MHz	QPSK	132047	38RB#18	21.89	PASS
Band66	15MHz	16QAM	132047	38RB#18	21.88	PASS
Band66	15MHz	QPSK	132047	38RB#37	21.87	PASS
Band66	15MHz	16QAM	132047	38RB#37	21.95	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.94	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.14	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.03	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.47	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.88	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.40	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.07	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.16	PASS
Band66	15MHz	QPSK	132322	38RB#0	22.30	PASS
Band66	15MHz	16QAM	132322	38RB#0	22.29	PASS
Band66	15MHz	QPSK	132322	38RB#18	22.29	PASS
Band66	15MHz	16QAM	132322	38RB#18	22.17	PASS
Band66	15MHz	QPSK	132322	38RB#37	22.17	PASS
Band66	15MHz	16QAM	132322	38RB#37	22.17	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.18	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.44	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.65	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.01	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.71	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.95	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.64	PASS



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Band66	15MHz	16QAM	132597	1RB#74	21.84	PASS
Band66	15MHz	QPSK	132597	38RB#0	21.95	PASS
Band66	15MHz	16QAM	132597	38RB#0	21.92	PASS
Band66	15MHz	QPSK	132597	38RB#18	21.92	PASS
Band66	15MHz	16QAM	132597	38RB#18	21.91	PASS
Band66	15MHz	QPSK	132597	38RB#37	21.91	PASS
Band66	15MHz	16QAM	132597	38RB#37	21.90	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.90	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.06	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.71	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.72	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.37	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.79	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.03	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.09	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.98	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.22	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.01	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.13	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.12	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.37	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.97	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.29	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.35	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.94	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.12	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.57	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.92	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.27	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.36	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.61	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.47	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.71	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.10	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.38	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.33	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.56	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.08	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.90	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.75	PASS



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Band66	20MHz	16QAM	132572	1RB#49	21.95	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.97	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.81	PASS
Band66	20MHz	QPSK	132572	50RB#0	21.97	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.21	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.01	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.20	PASS
Band66	20MHz	QPSK	132572	50RB#50	21.97	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.17	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.02	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.20	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.11	PASS
Band66	5MHz	QPSK	132647	12RB#6	21.93	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.08	PASS
Band66	5MHz	QPSK	132647	12RB#13	21.92	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.90	PASS







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

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	3.69	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	4.79	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	4.44	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.27	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	4.16	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	5.25	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.82	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.44	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	3.85	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	4.93	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.76	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.57	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	3.64	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	4.64	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	4.57	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.39	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	4.21	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	5.13	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	4.90	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.59	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	3.66	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	4.57	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.81	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	5.60	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	3.77	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	4.58	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.04	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.73	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	4.29	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	5.00	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.27	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.94	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	3.60	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	4.48	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.12	13	PASS



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Scan code to check authenticity



Band66	5MHz	16QAM	132647	25RB#0	5.79	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	3.64	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	4.76	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.03	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	5.78	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	4.29	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	5.21	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.26	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.97	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	2.90	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	3.95	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	4.95	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.67	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	3.71	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	4.65	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.32	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	5.90	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	4.29	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	5.41	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.48	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.08	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	2.73	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	3.80	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.04	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.65	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	3.85	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	4.71	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.22	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.90	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.53	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	5.23	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.25	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.94	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	2.86	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	3.83	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.76	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.51	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

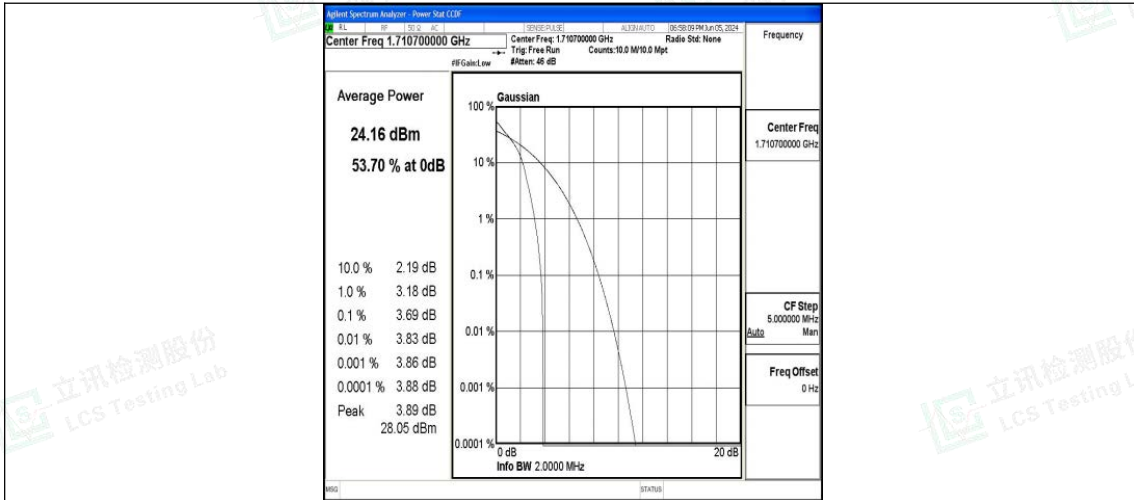
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

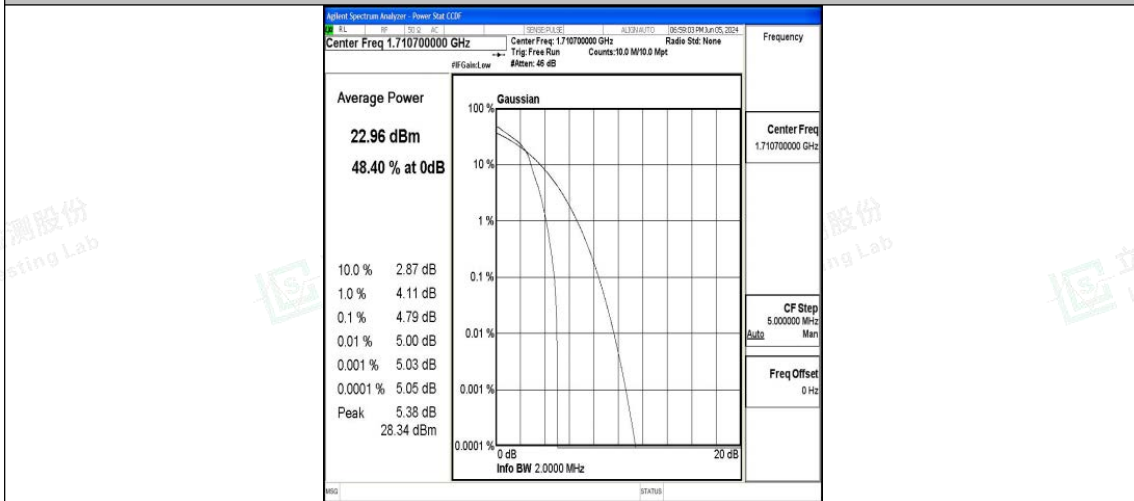
Scan code to check authenticity



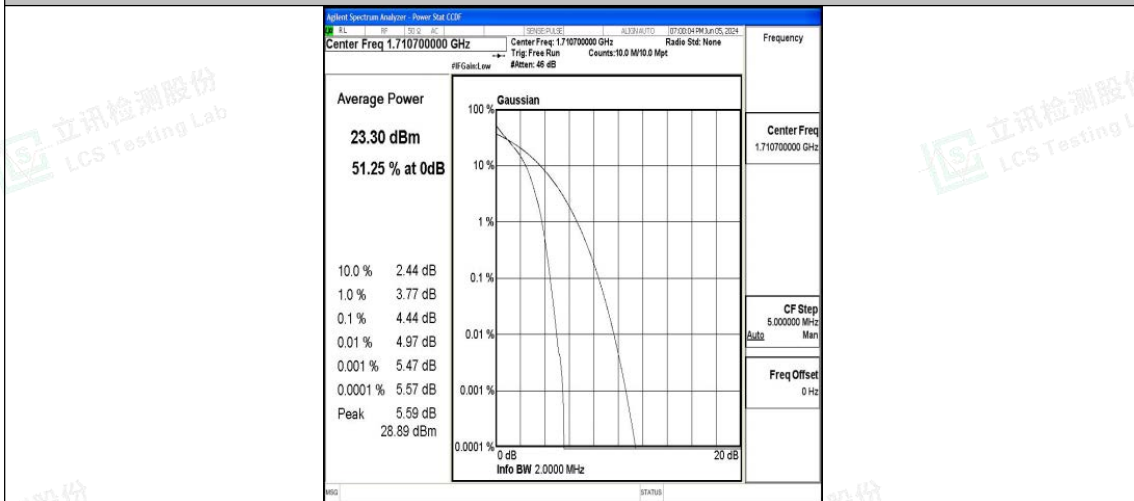
### Test Graphs



Band66-1.4MHz-QPSK-131979-1RB#0-PASS

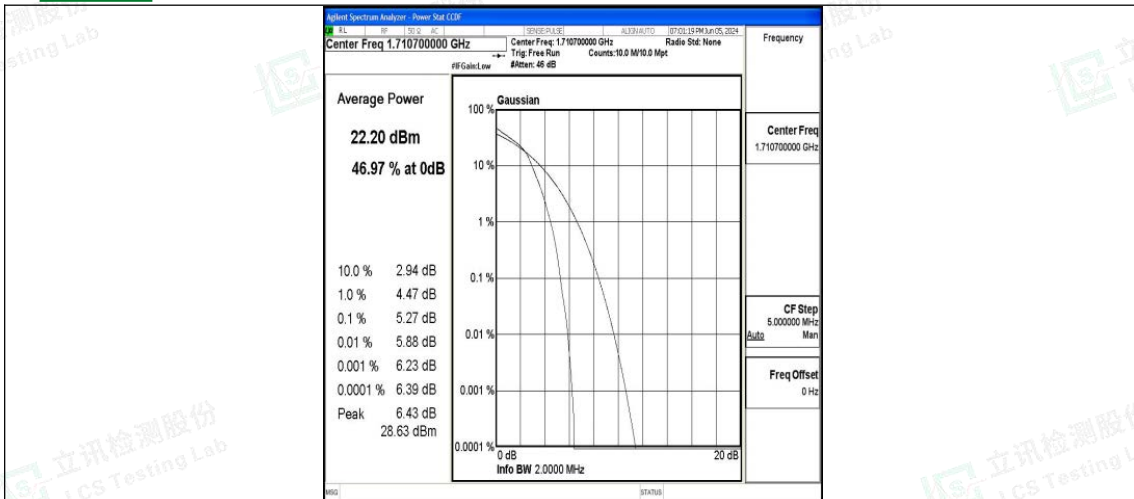


Band66-1.4MHz-16QAM-131979-1RB#0-PASS

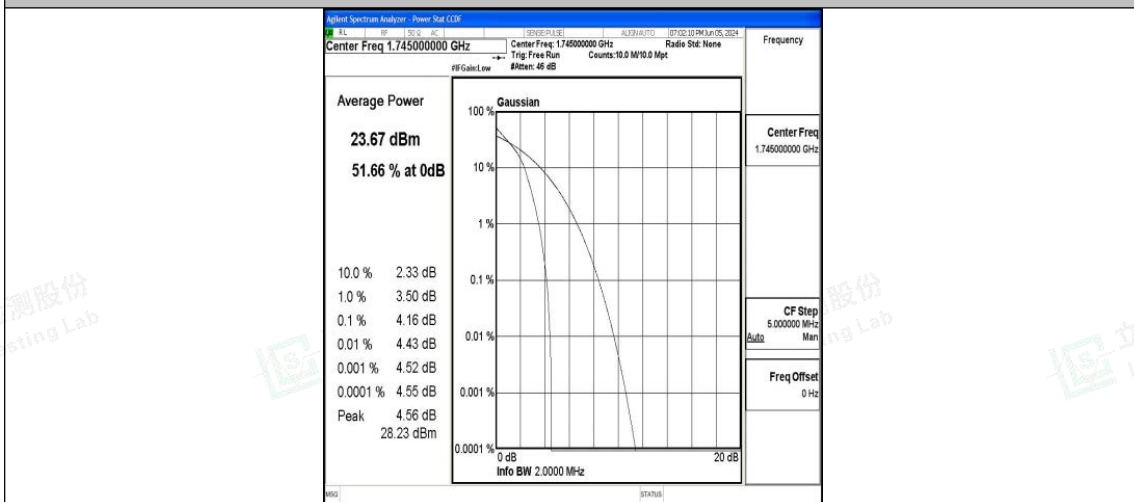


Band66-1.4MHz-QPSK-131979-6RB#0-PASS

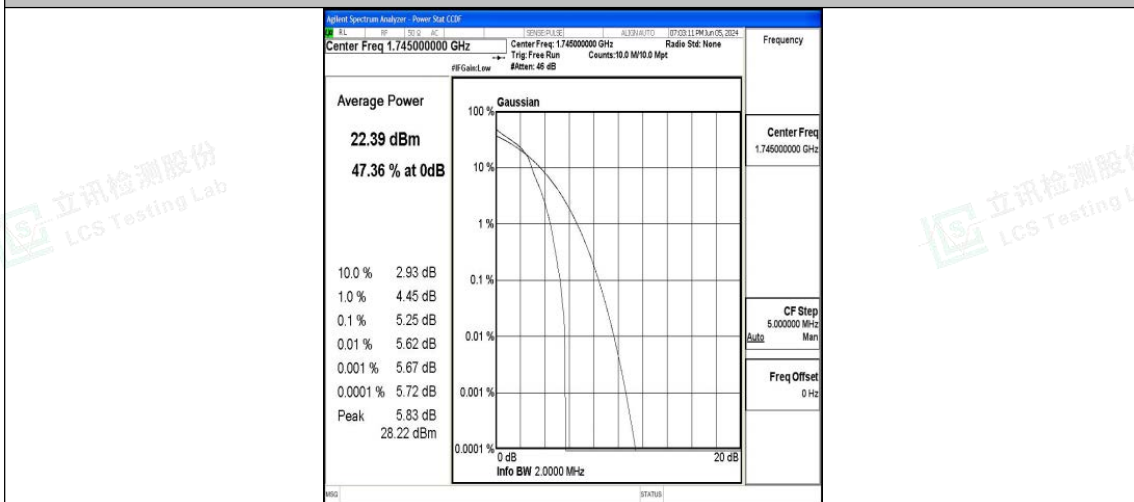




Band66-1.4MHz-16QAM-131979-6RB#0-PASS

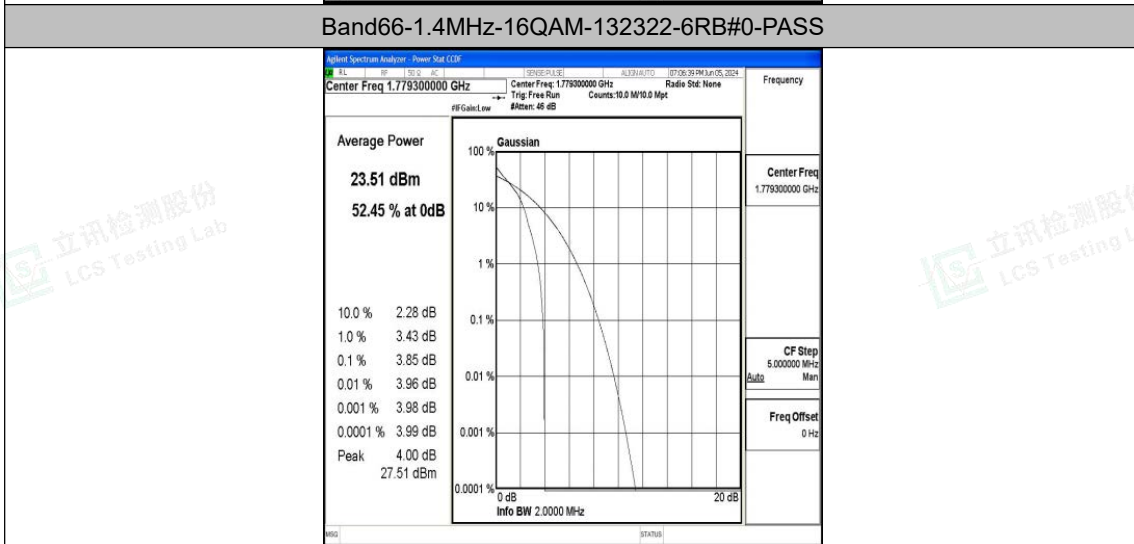
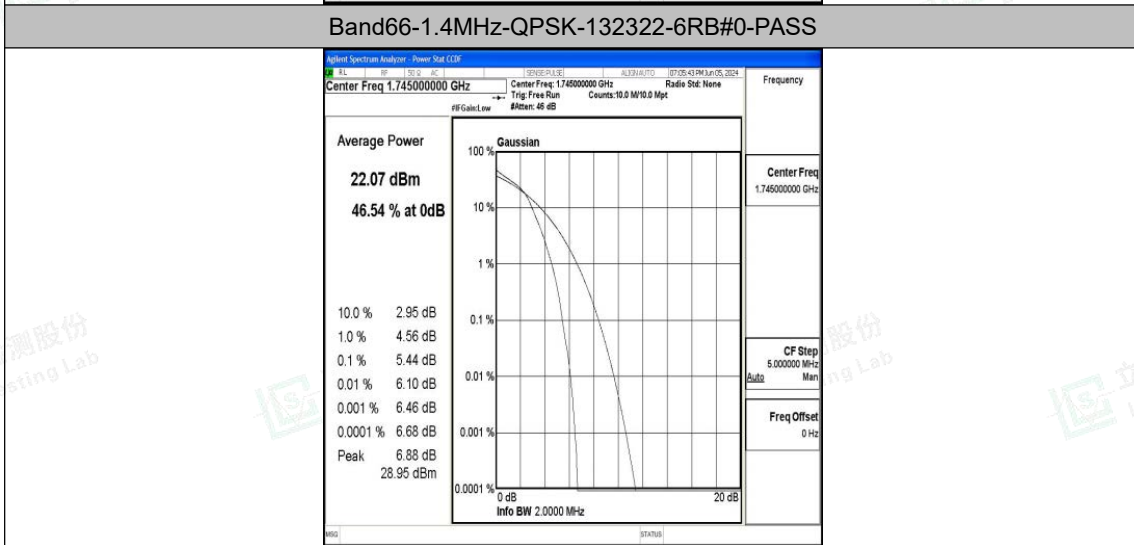
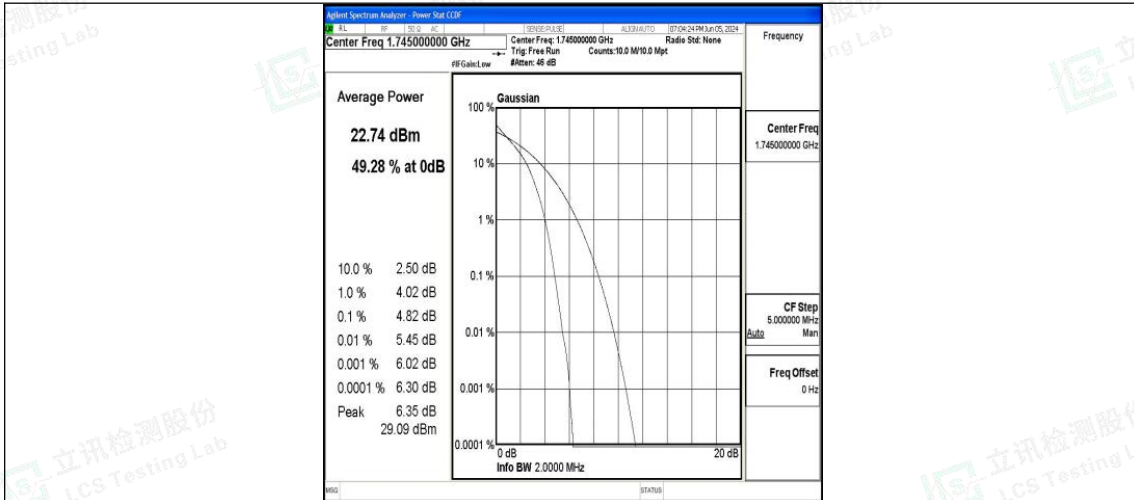


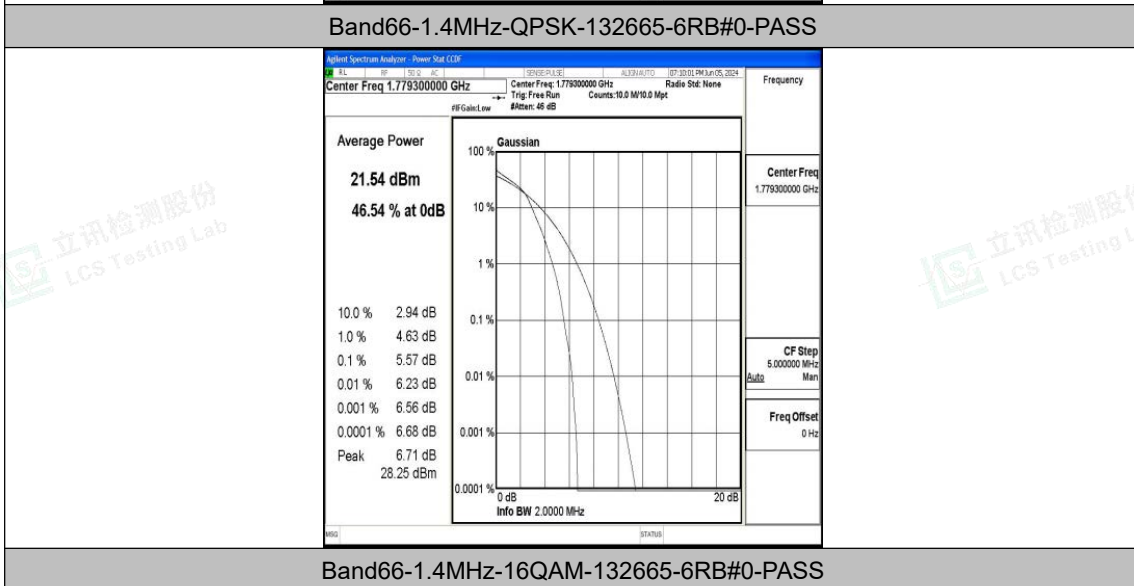
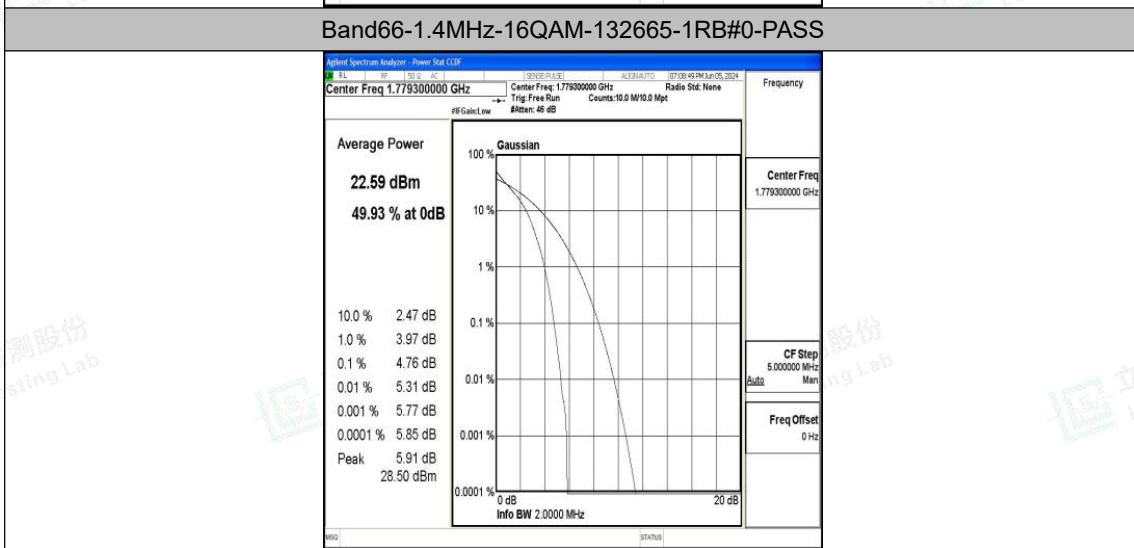
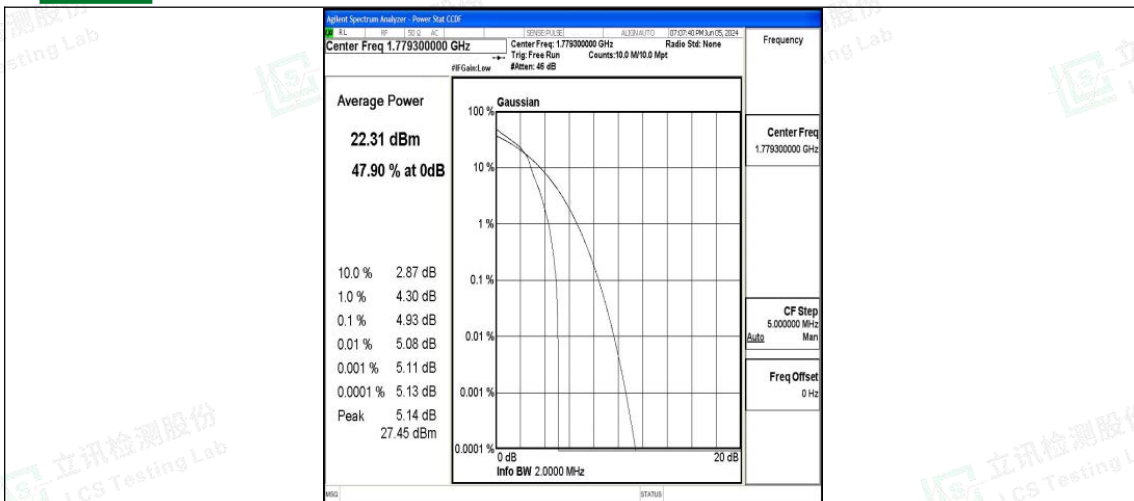
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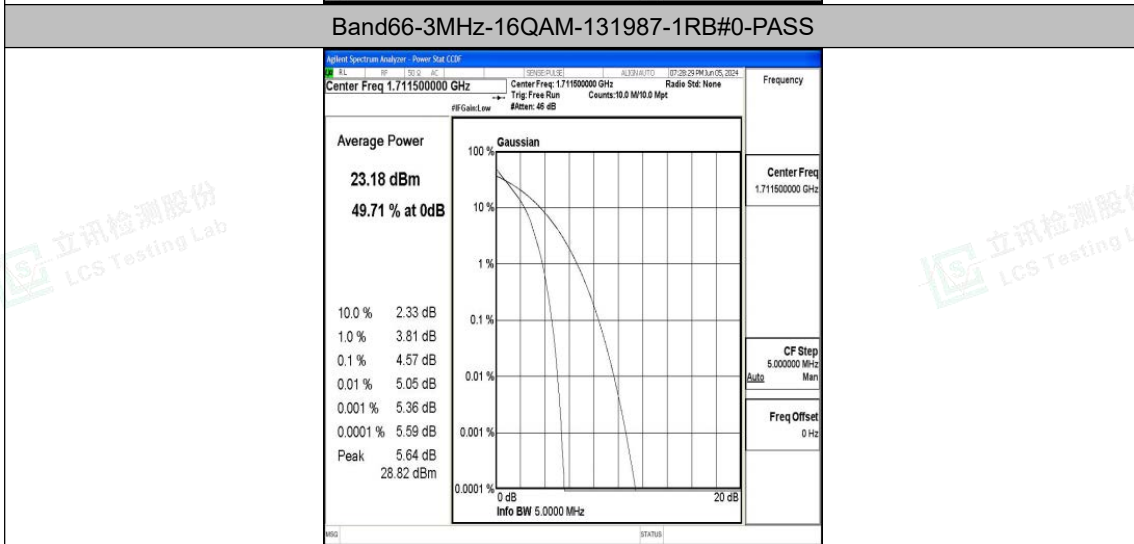
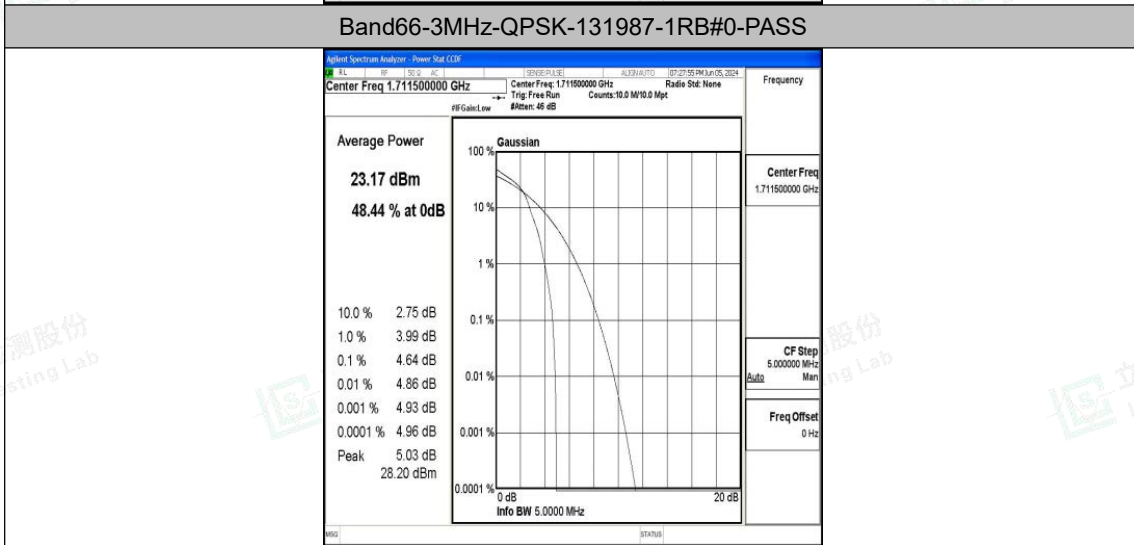
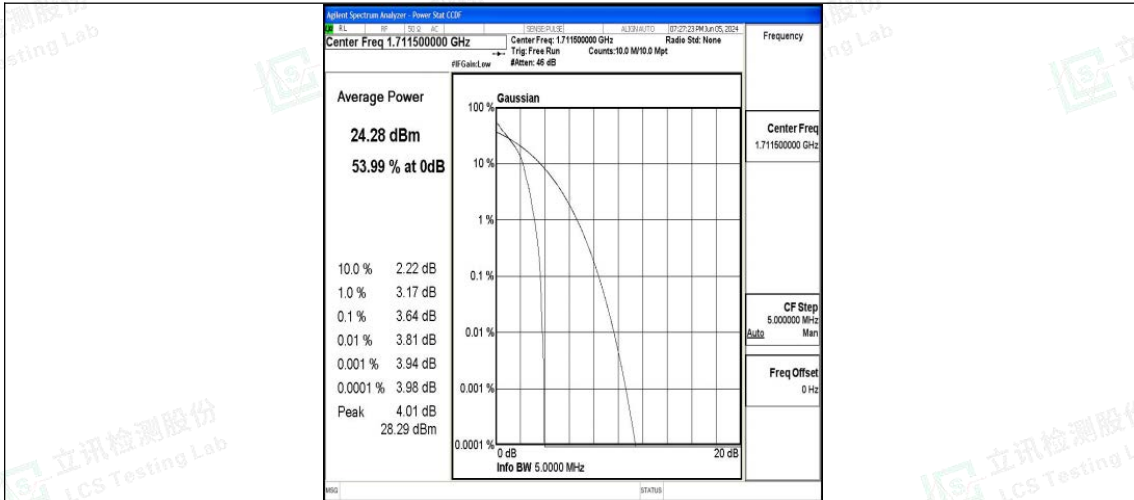


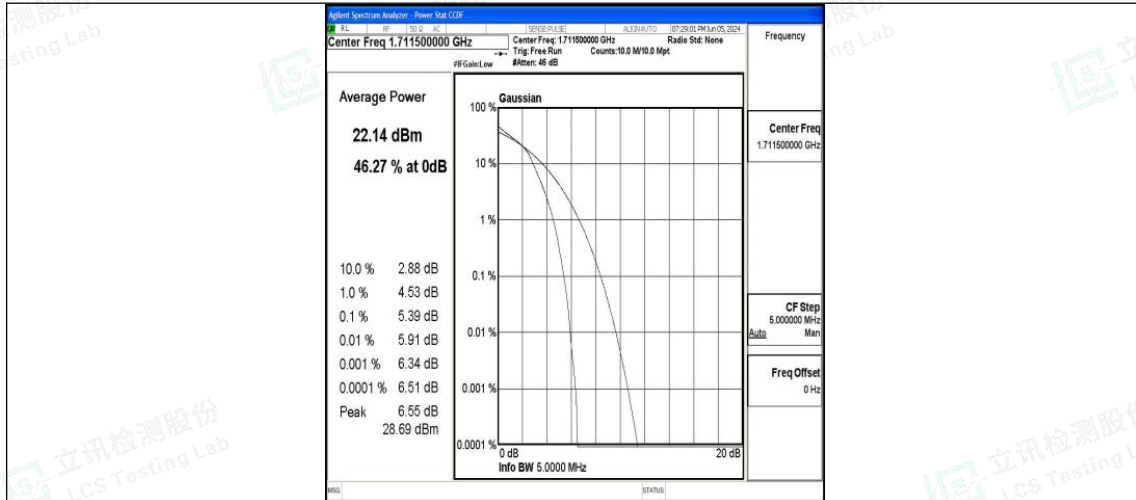
Band66-1.4MHz-16QAM-132322-1RB#0-PASS



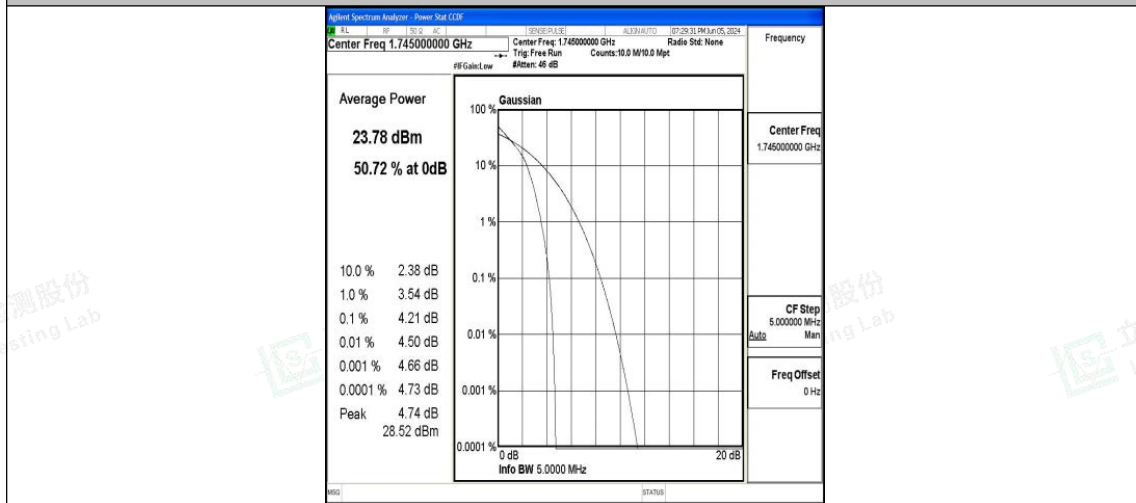




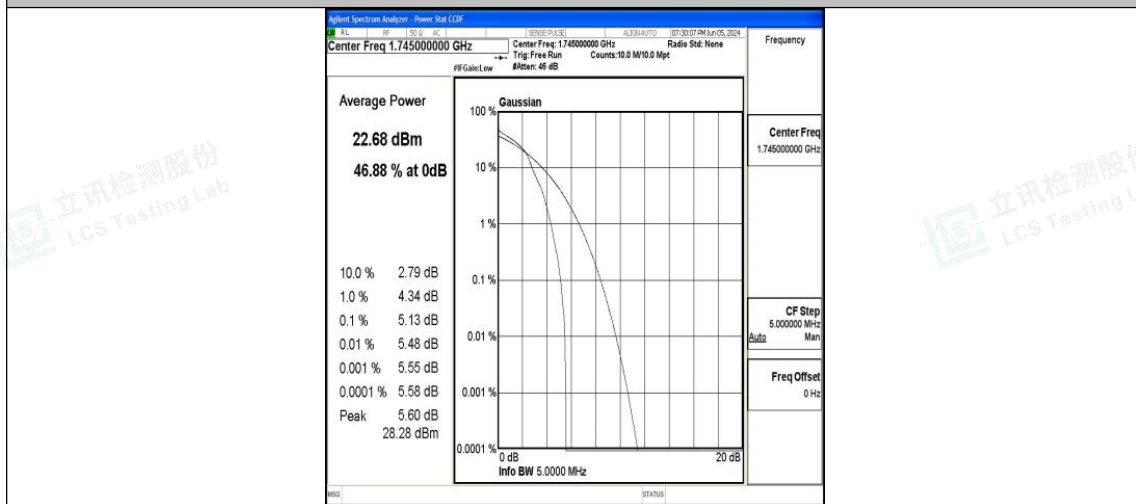




Band66-3MHz-16QAM-131987-15RB#0-PASS



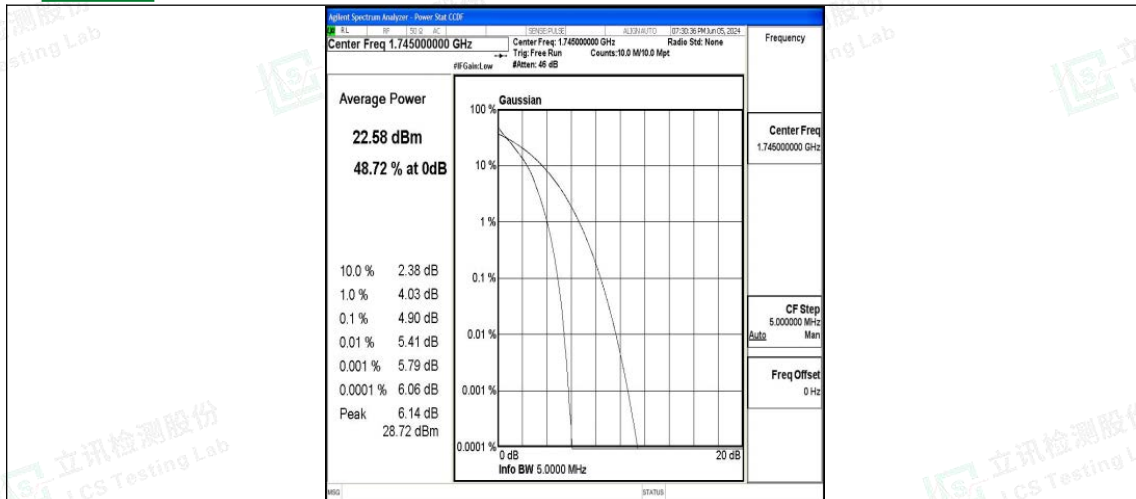
Band66-3MHz-QPSK-132322-1RB#0-PASS



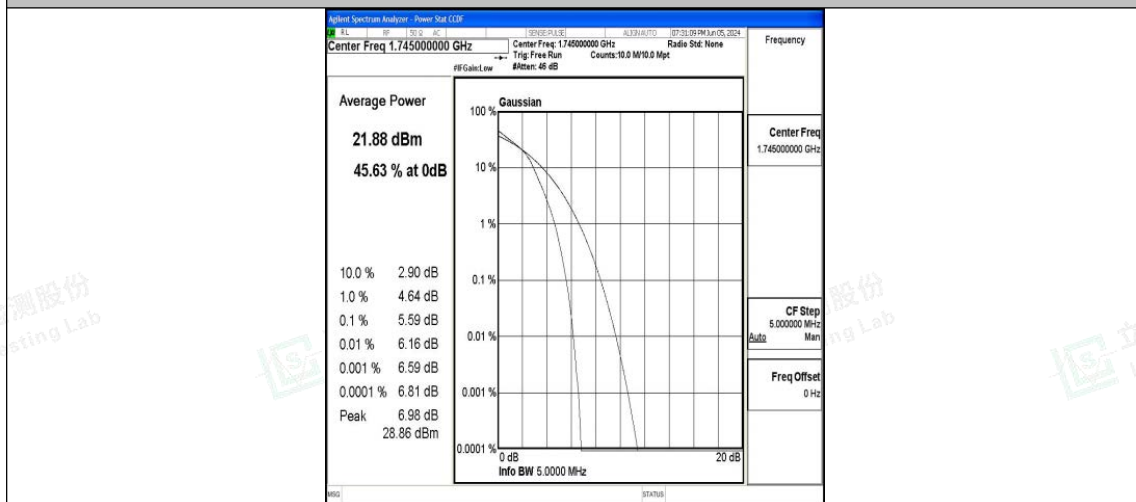
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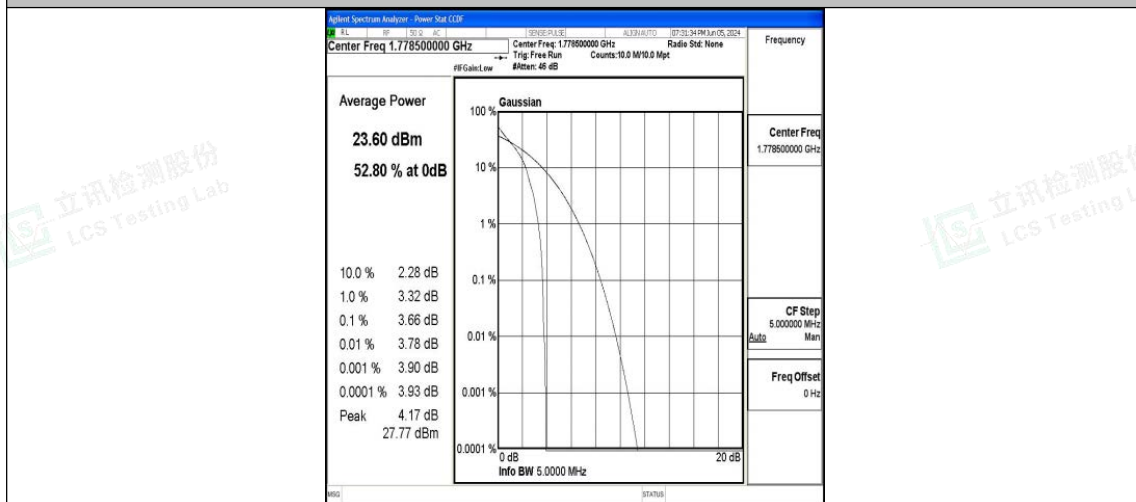




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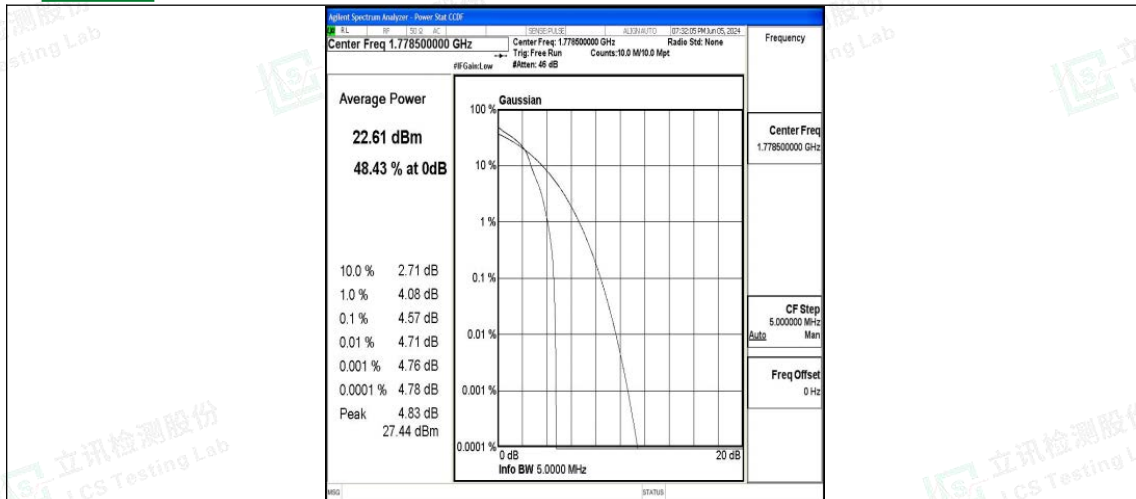


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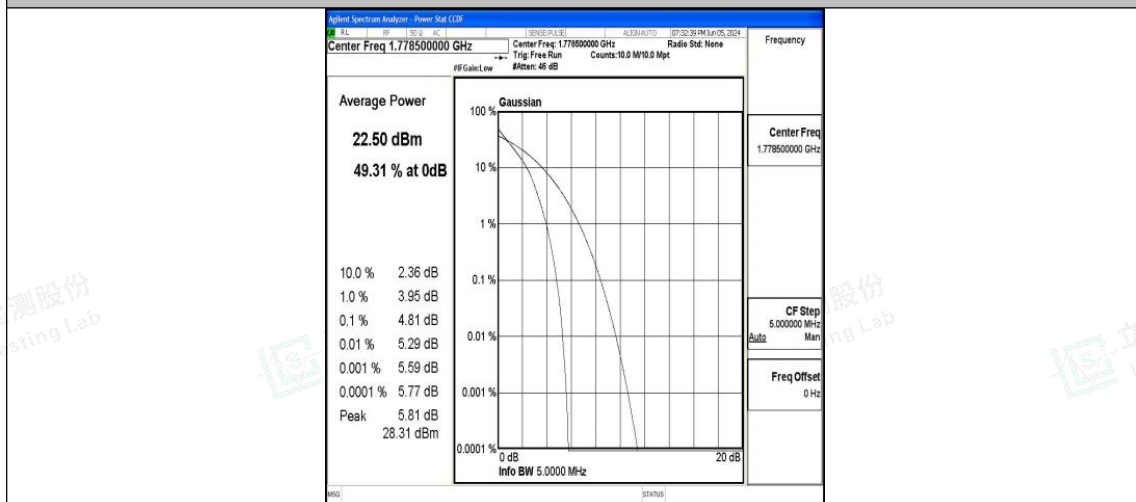


Band66-3MHz-QPSK-132657-1RB#0-PASS

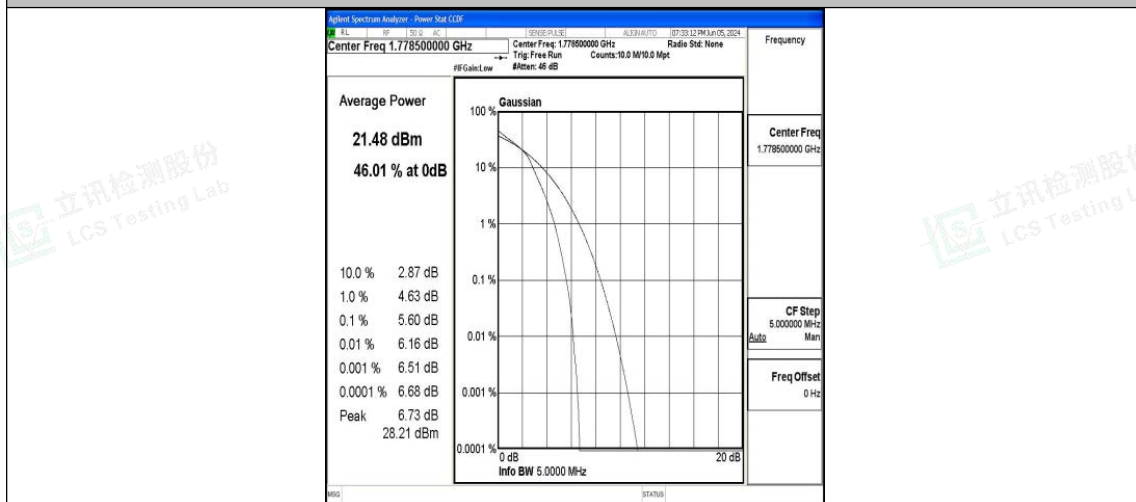




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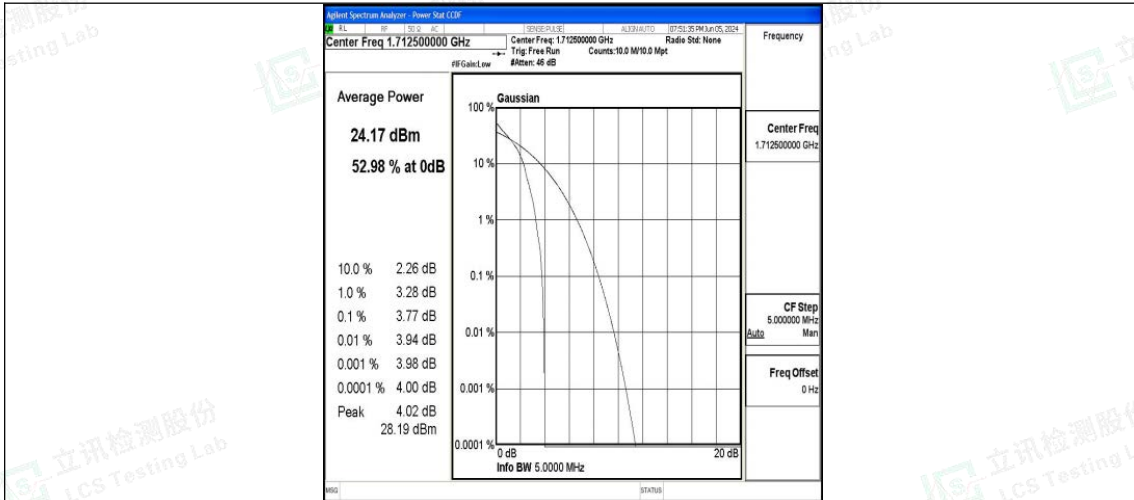


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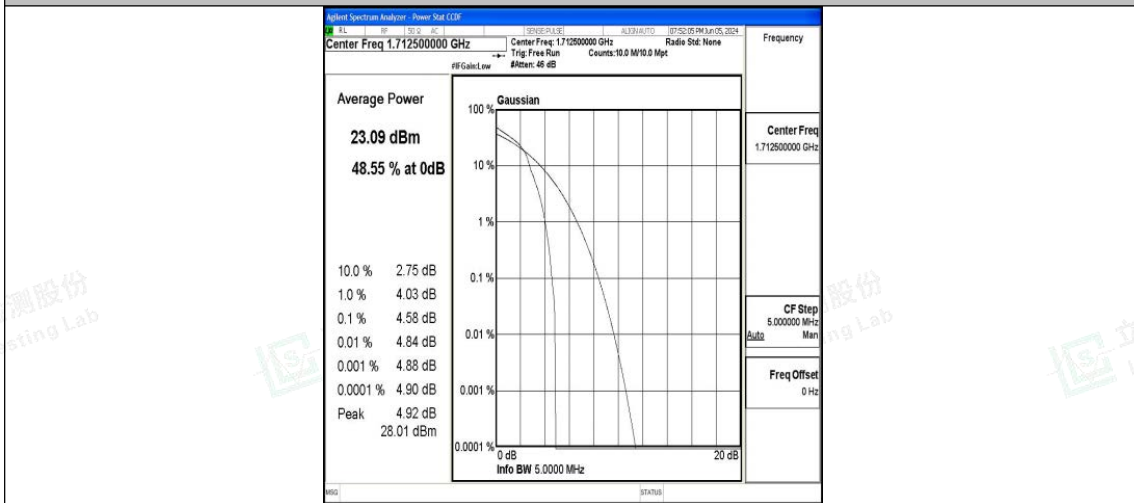


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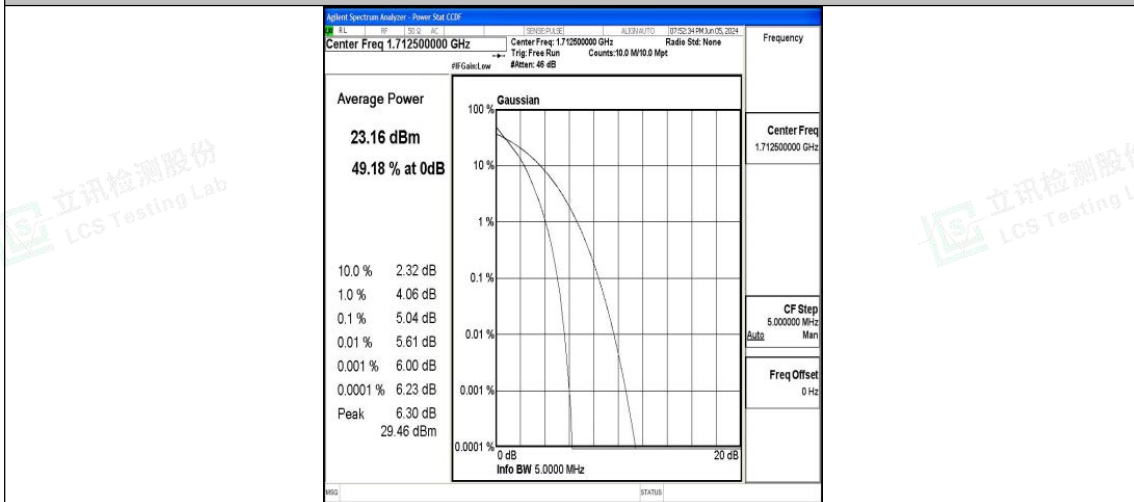




Band66-5MHz-QPSK-131997-1RB#0-PASS

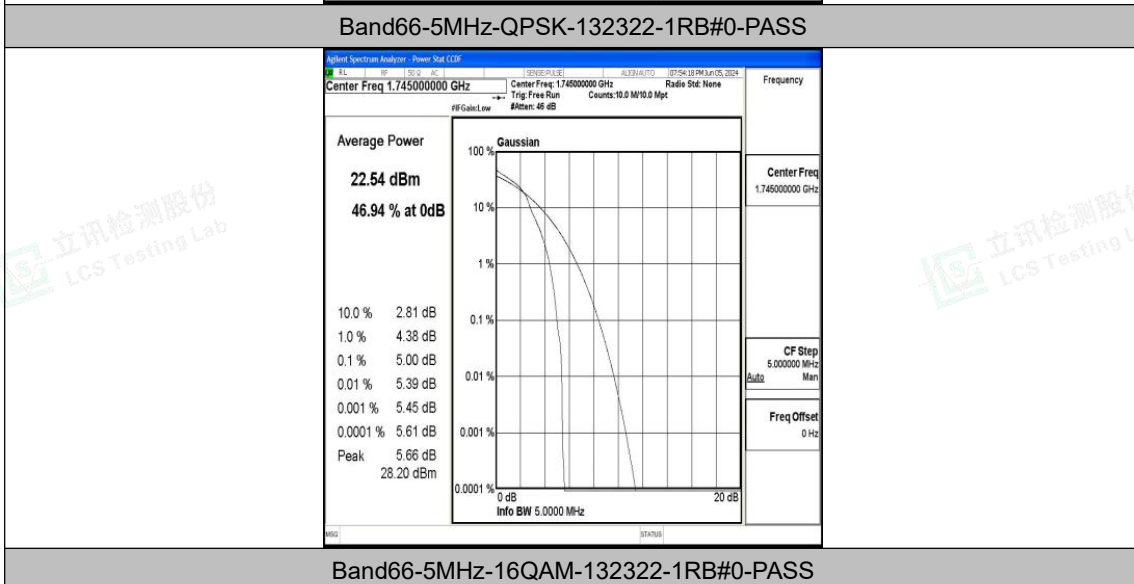
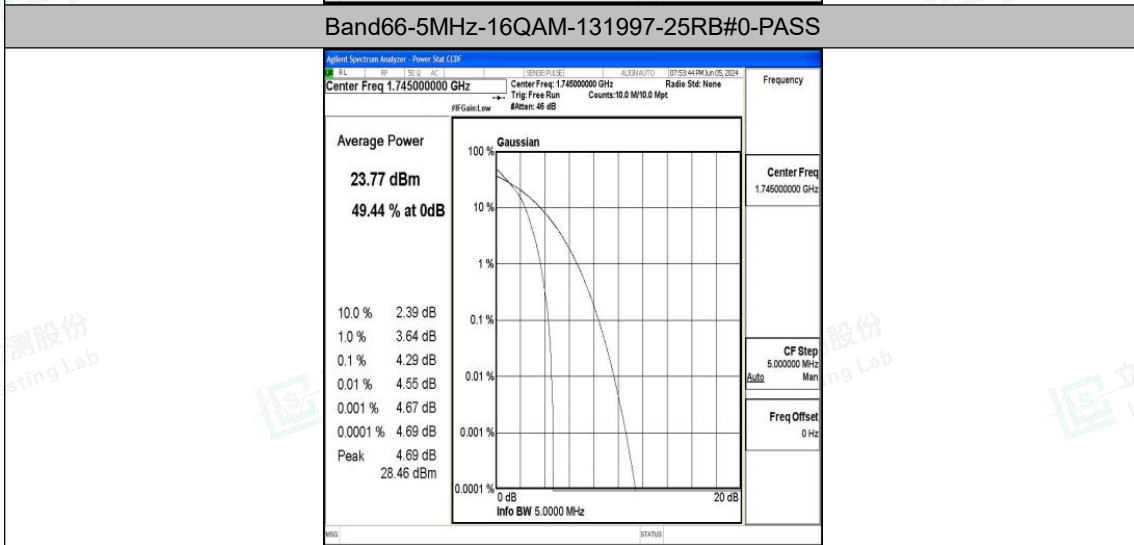
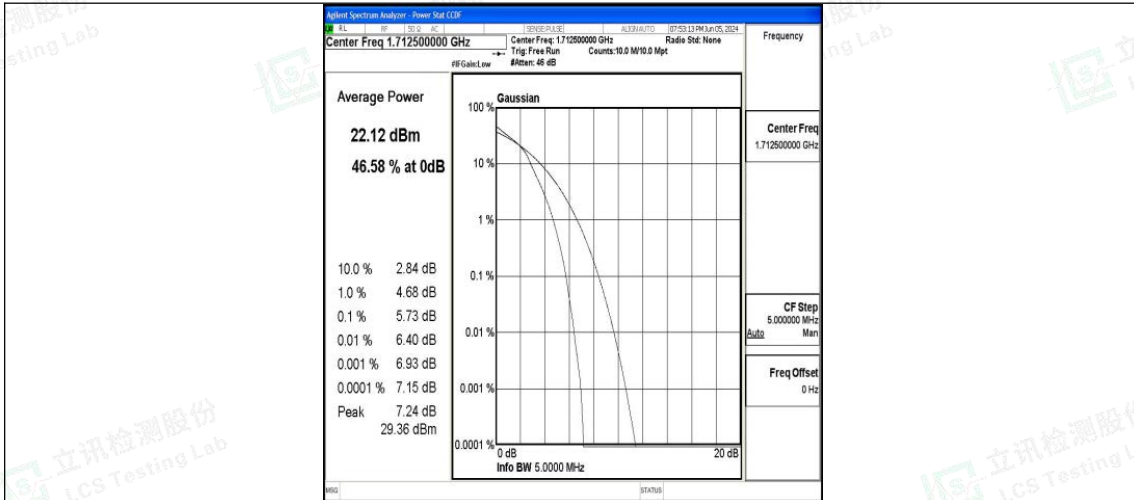


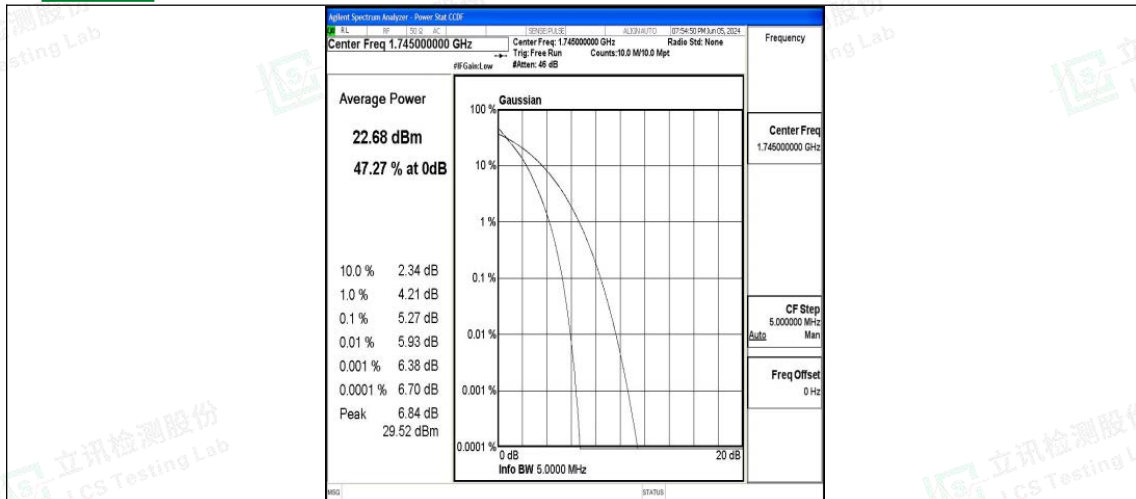
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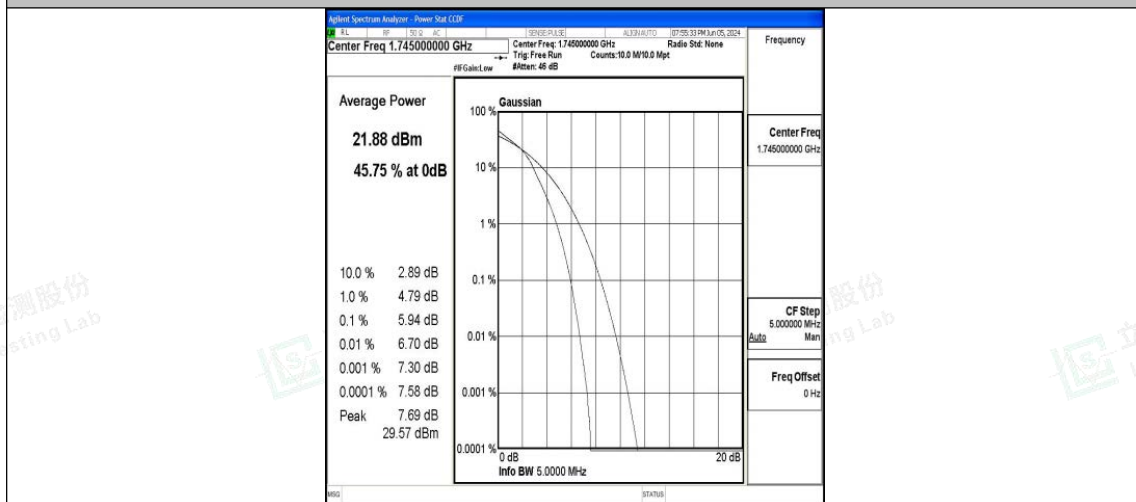
Band66-5MHz-QPSK-131997-25RB#0-PASS



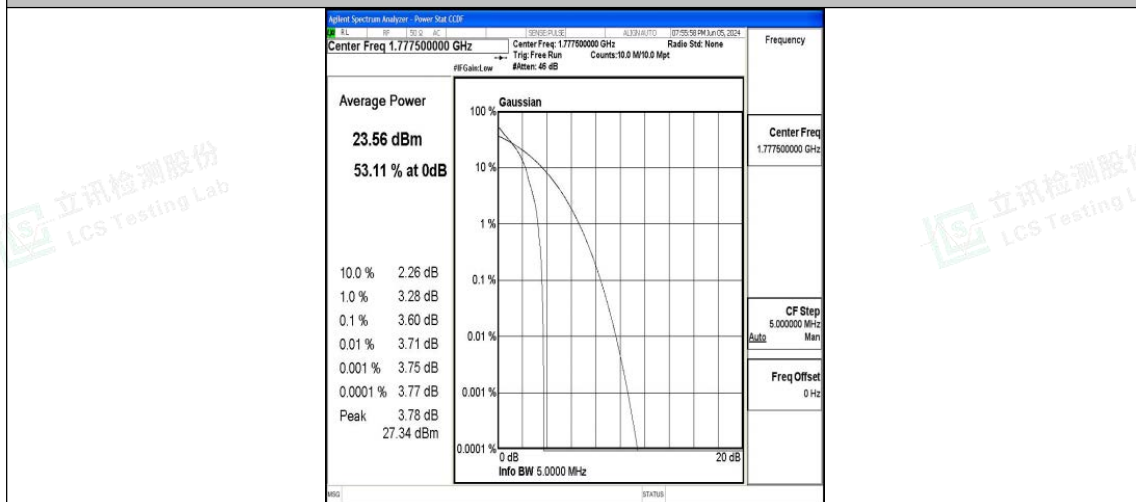




Band66-5MHz-QPSK-132322-25RB#0-PASS

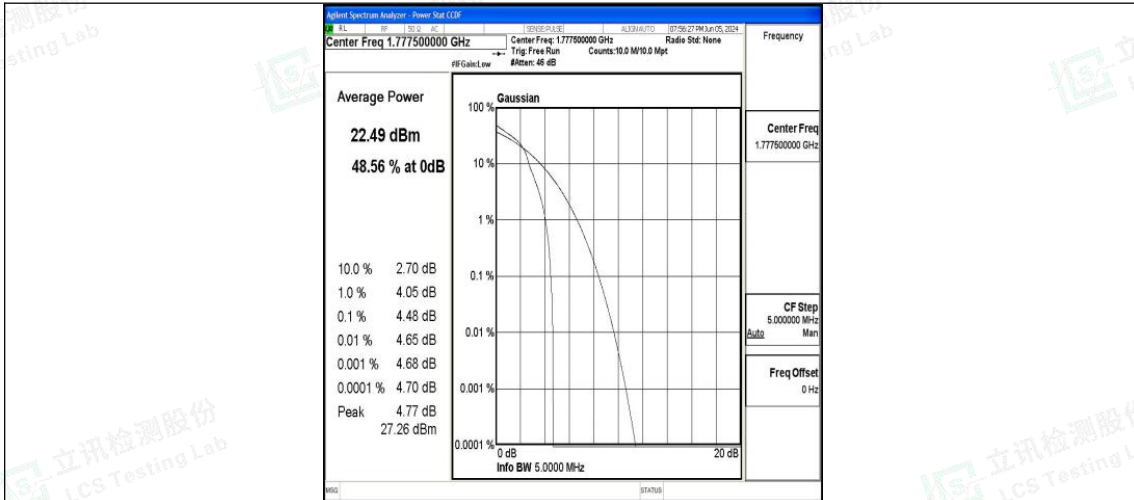


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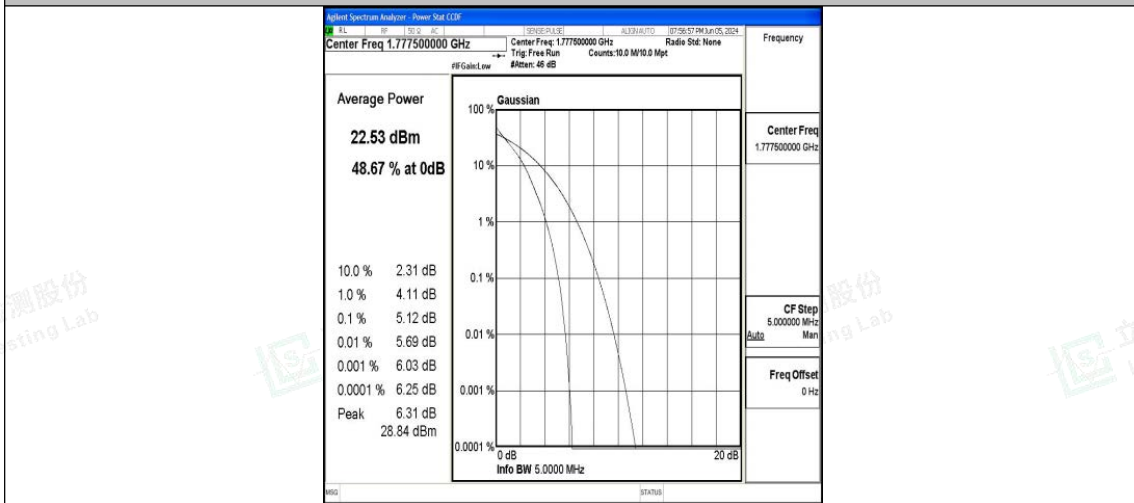


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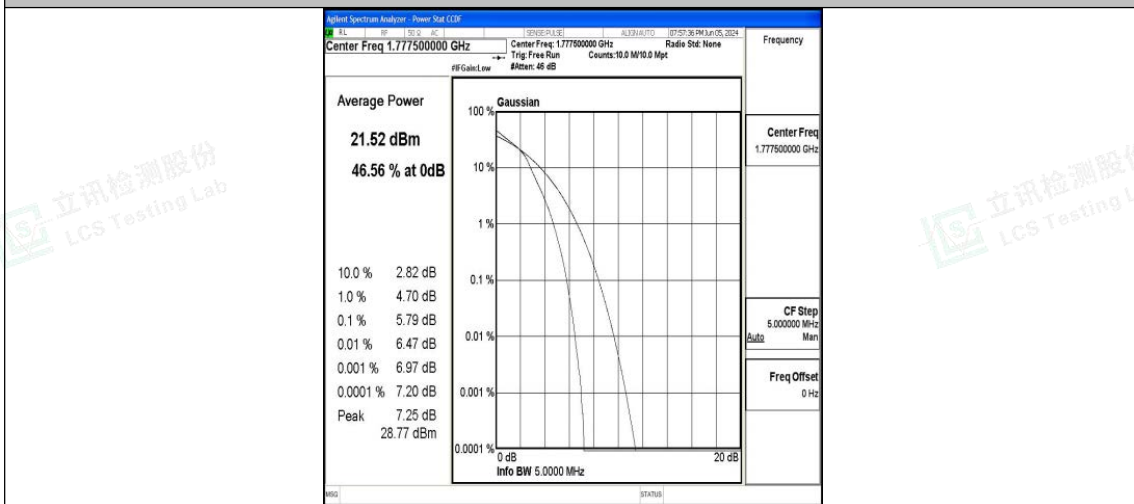




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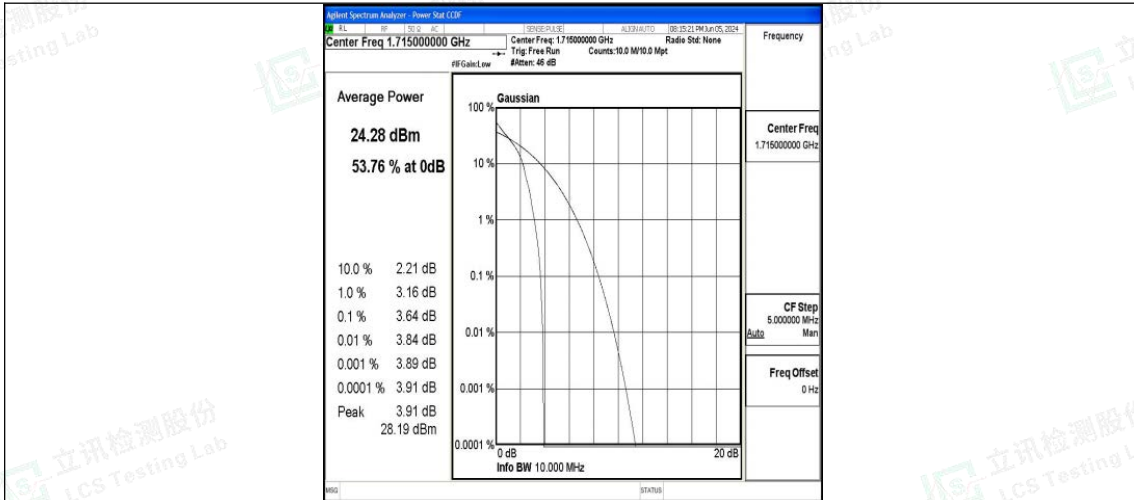


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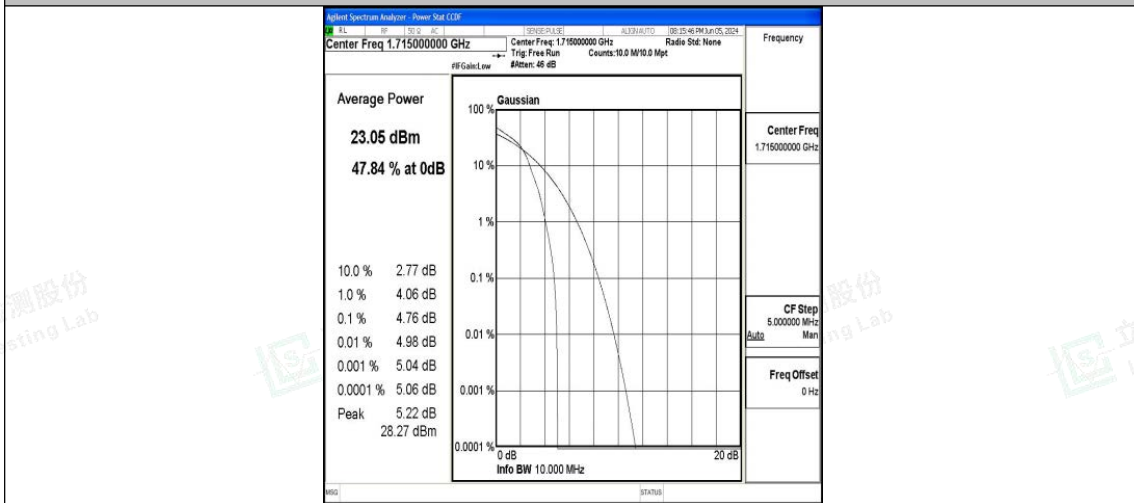


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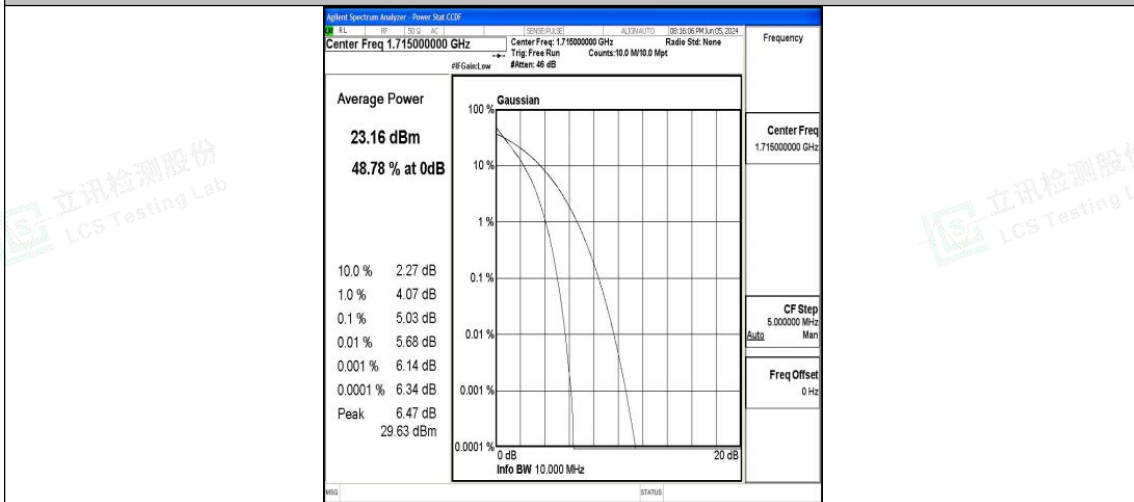




Band66-10MHz-QPSK-132022-1RB#0-PASS

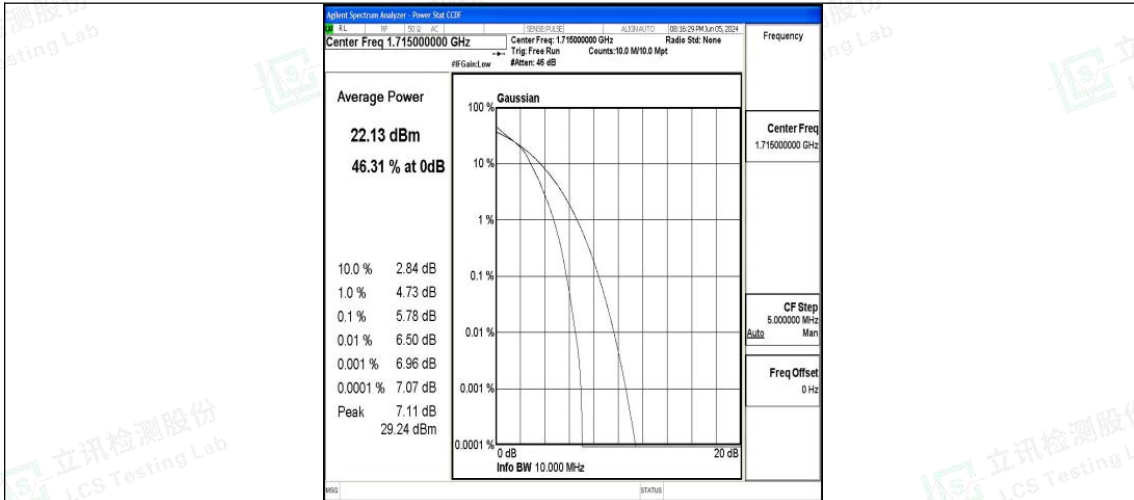


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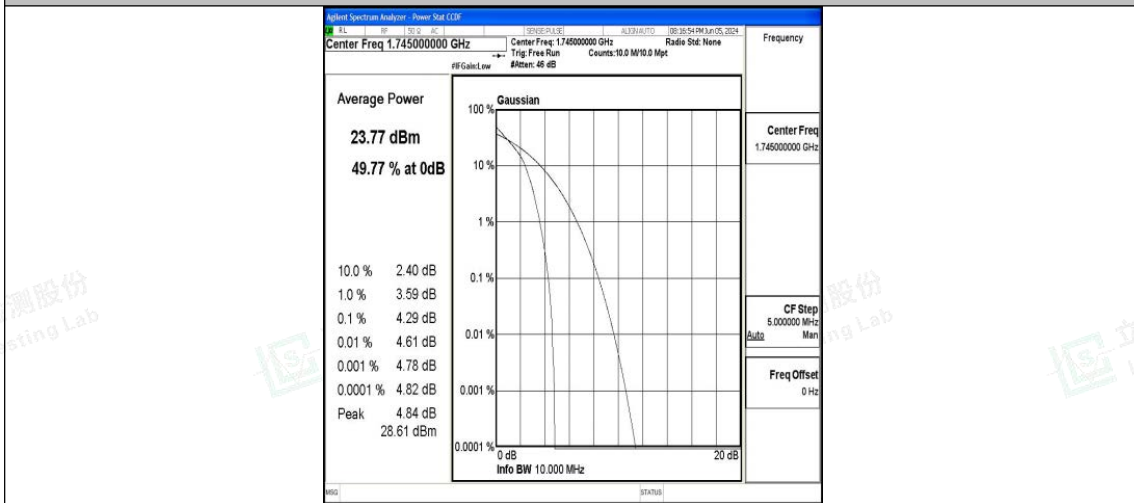


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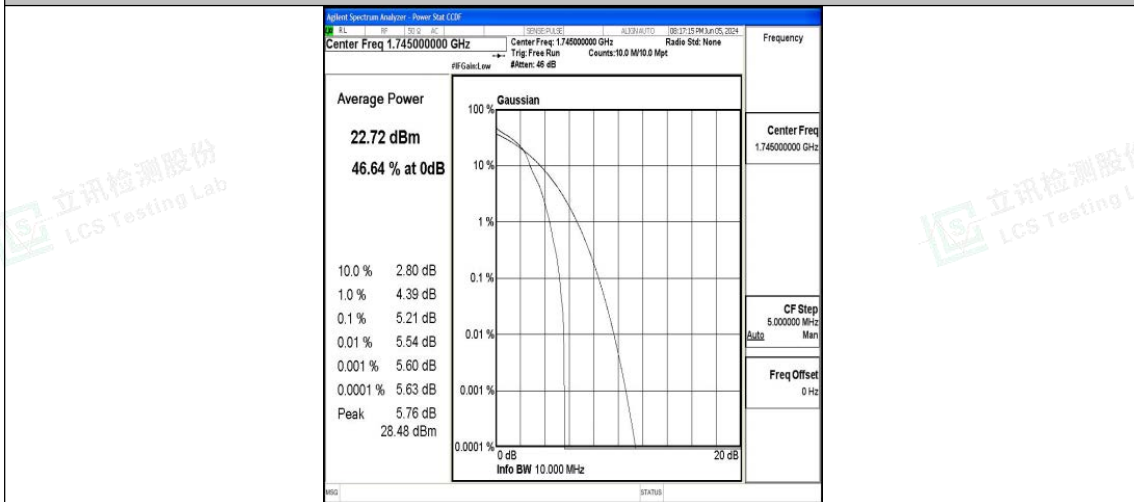




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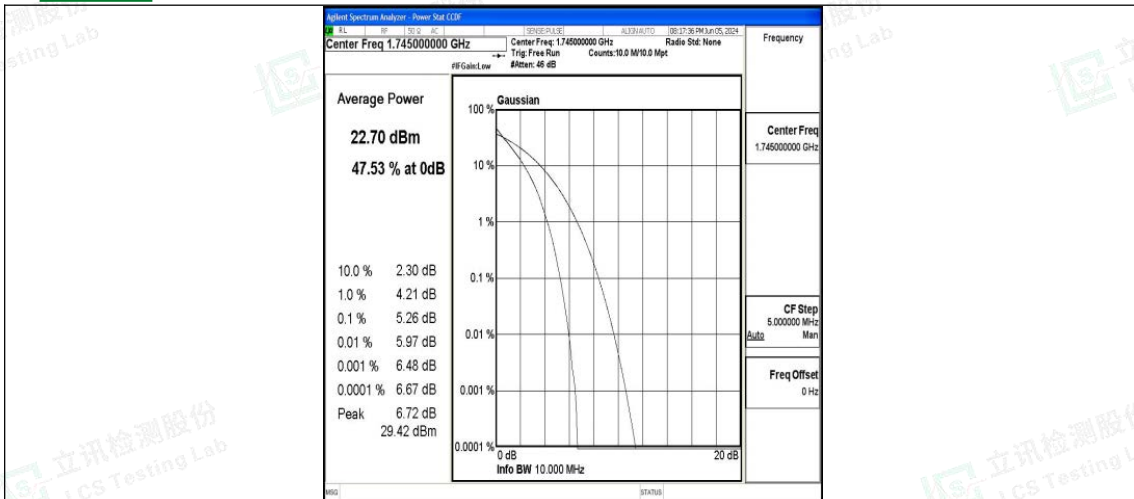
Band66-10MHz-QPSK-132322-1RB#0-PASS



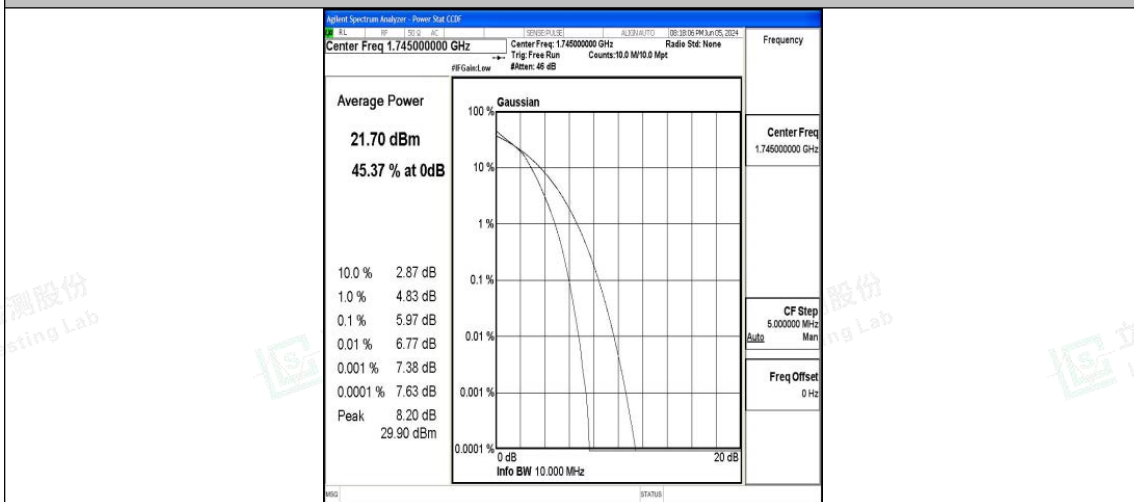
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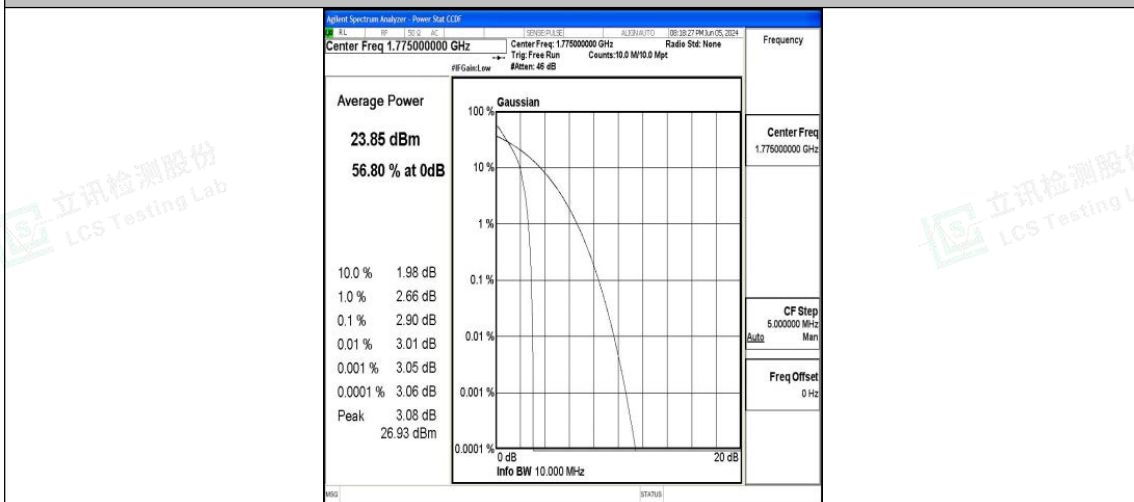




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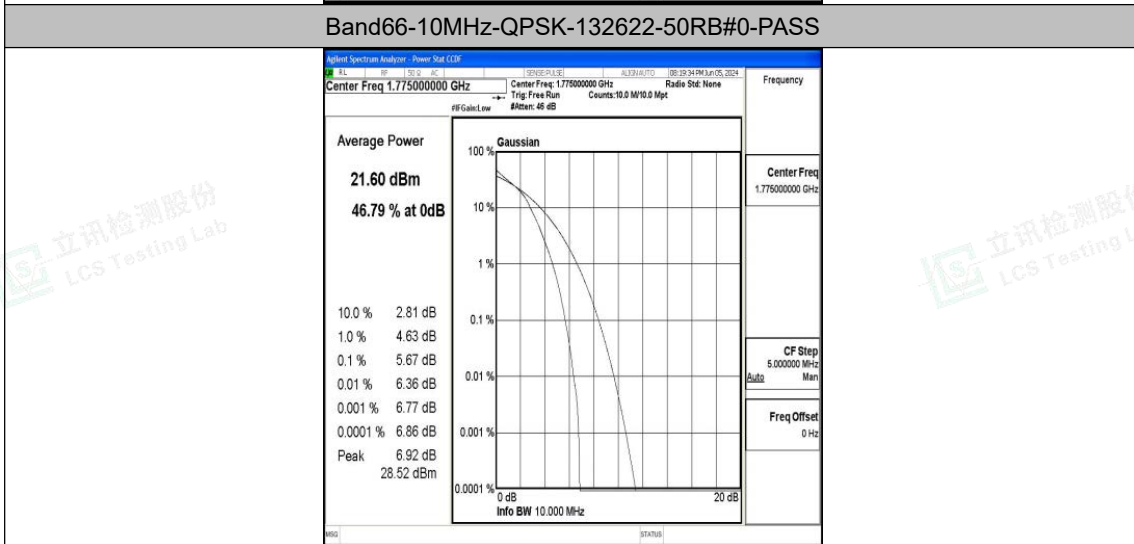
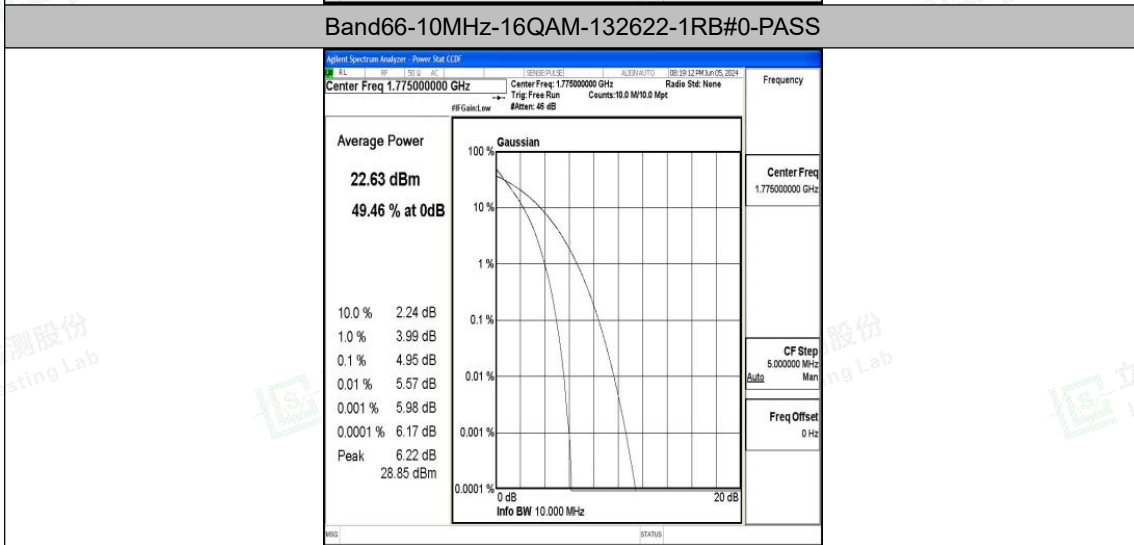
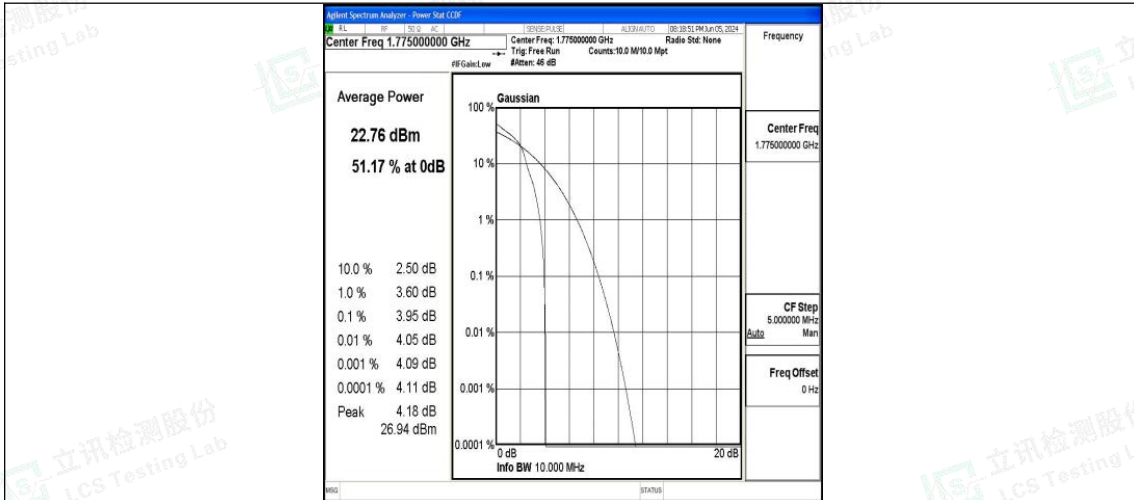


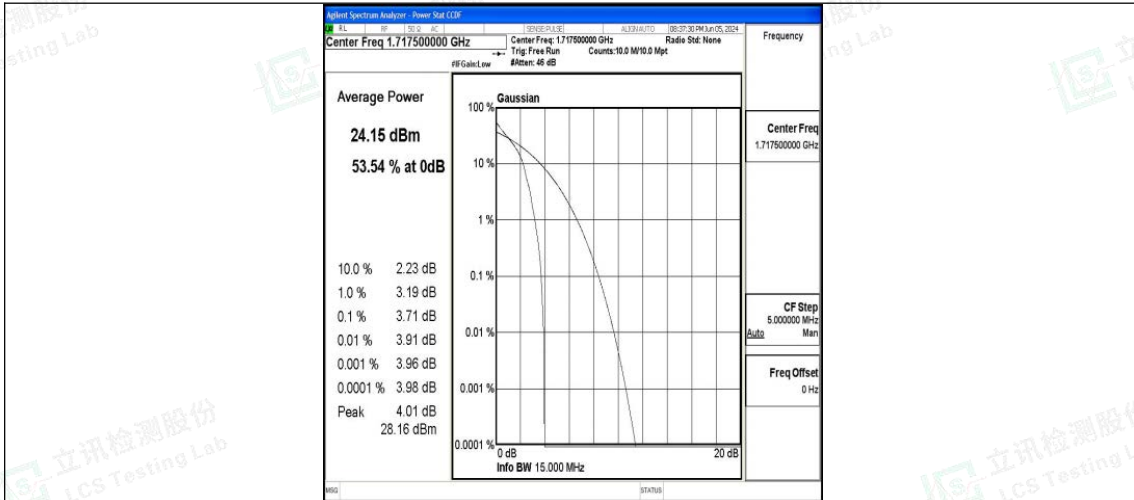
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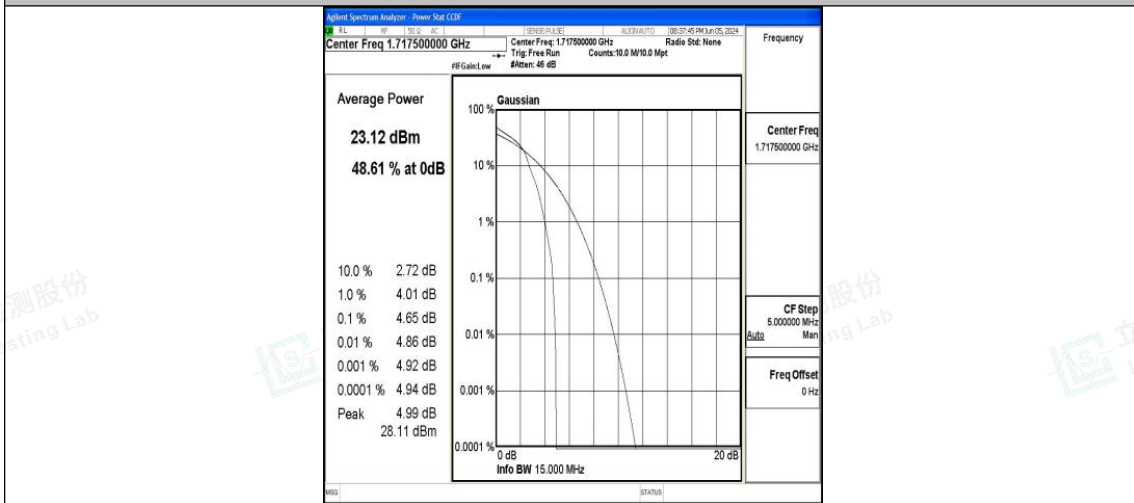
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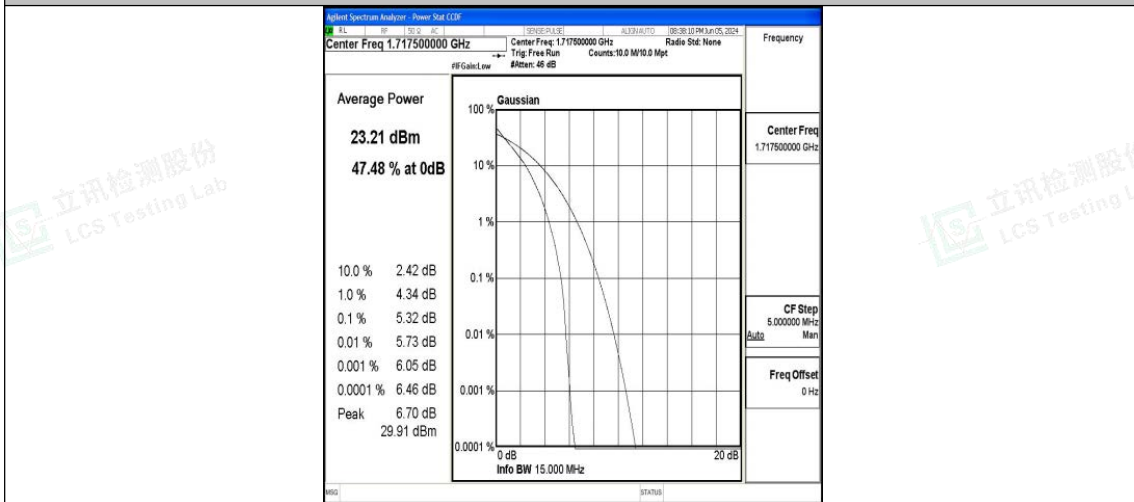




Band66-15MHz-QPSK-132047-1RB#0-PASS

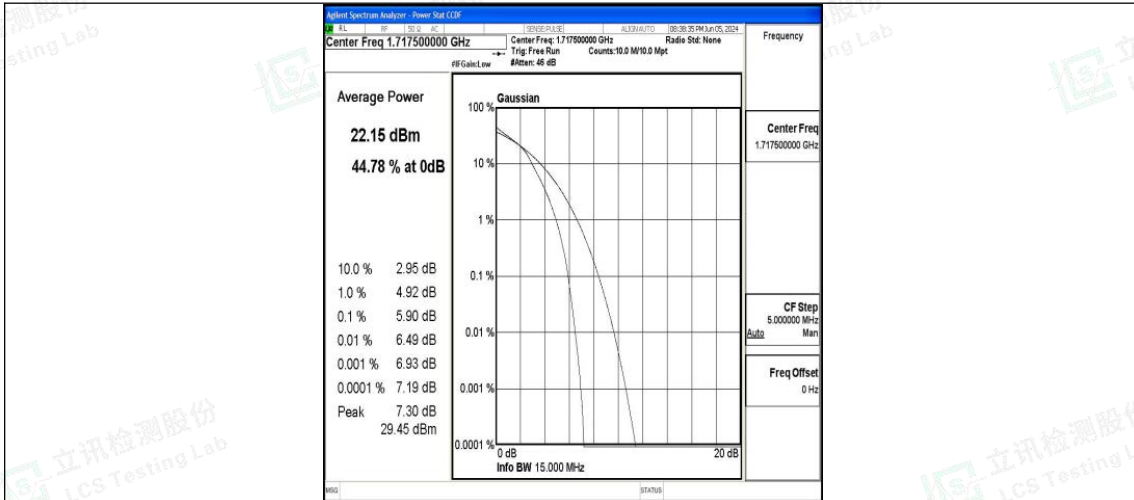


Band66-15MHz-16QAM-132047-1RB#0-PASS

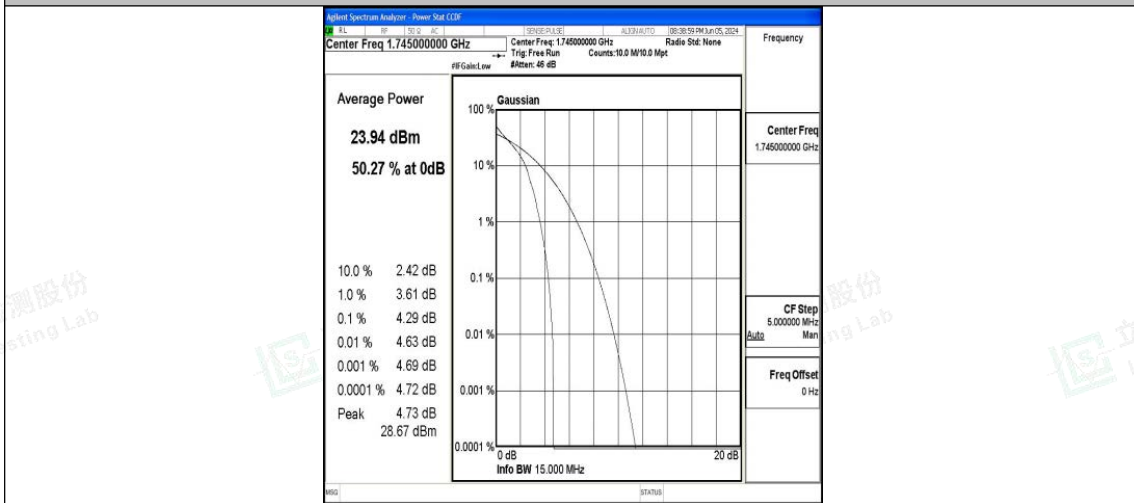


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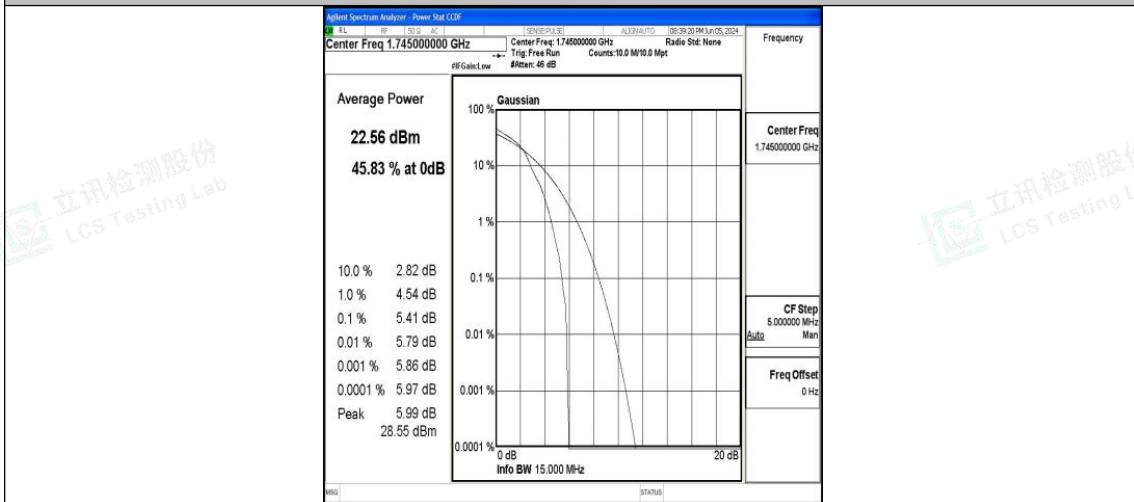




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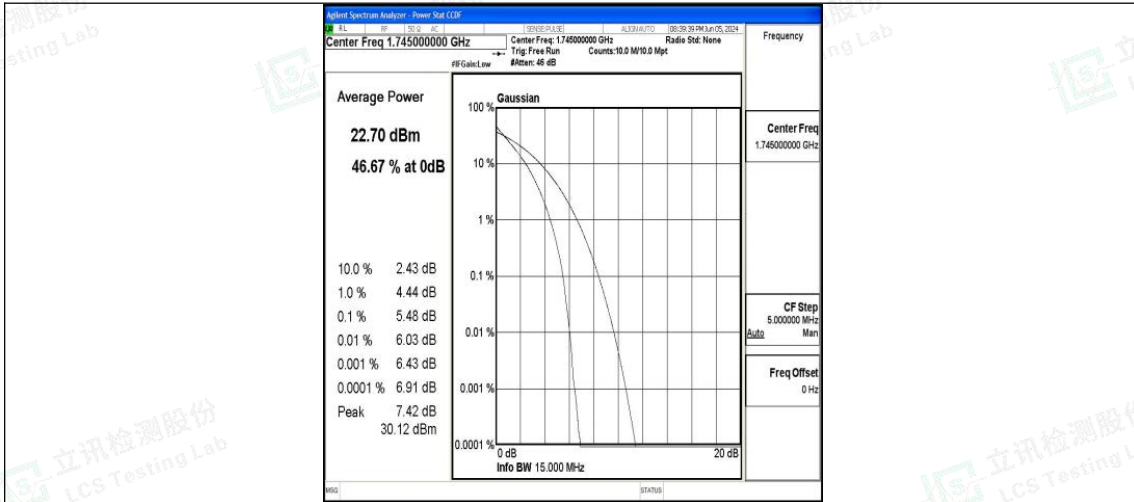


Band66-15MHz-QPSK-132322-1RB#0-PASS

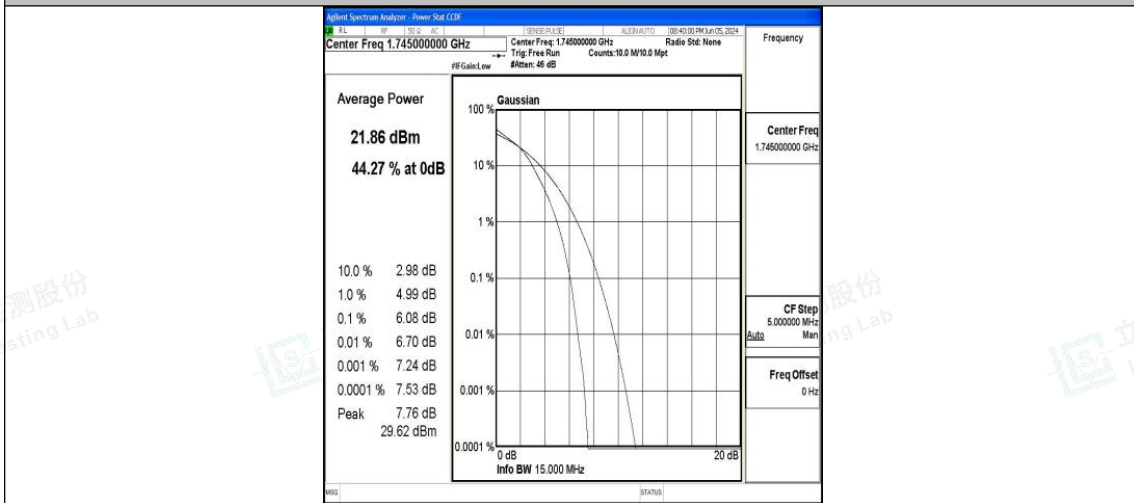


Band66-15MHz-16QAM-132322-1RB#0-PASS

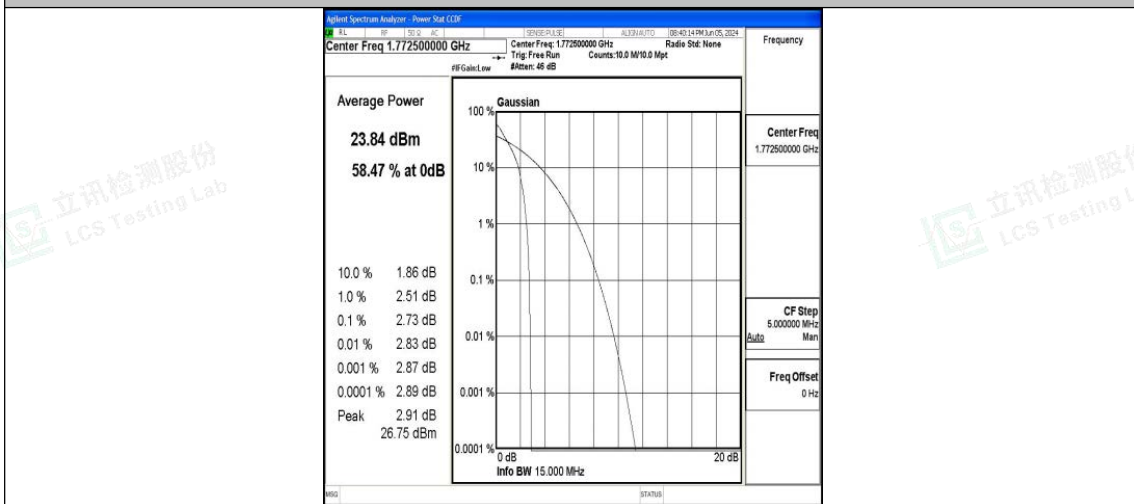




Band66-15MHz-QPSK-132322-75RB#0-PASS

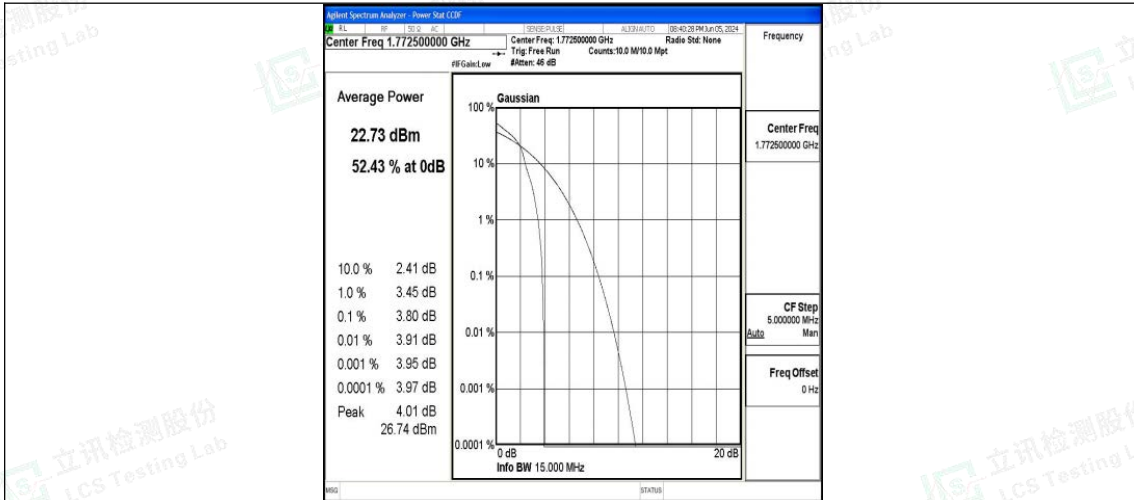


Band66-15MHz-16QAM-132322-75RB#0-PASS

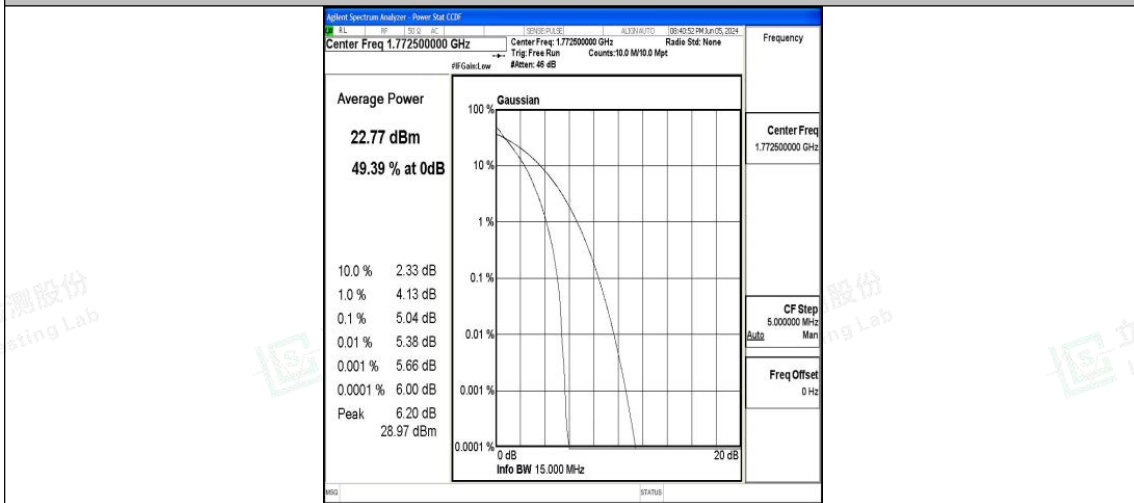


Band66-15MHz-QPSK-132597-1RB#0-PASS

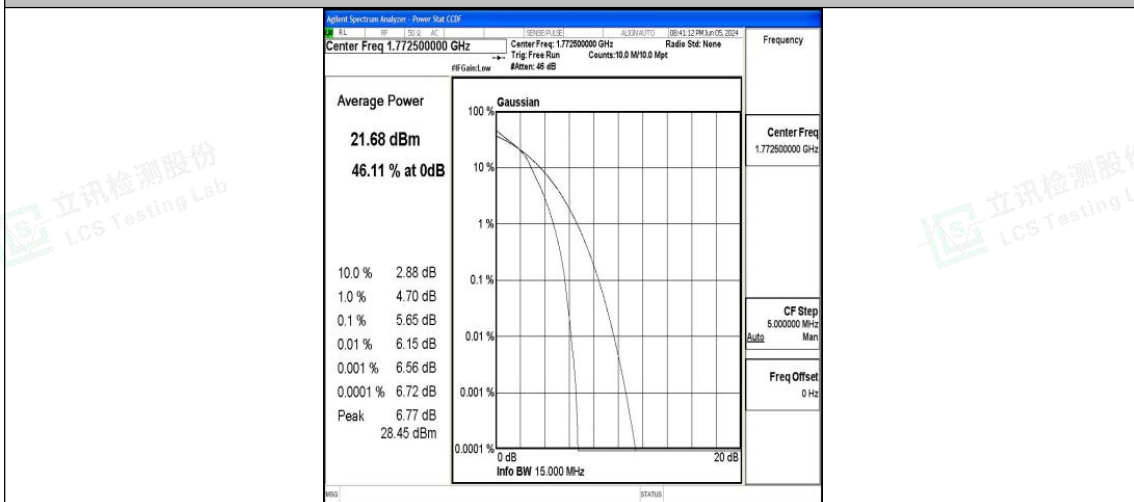




Band66-15MHz-16QAM-132597-1RB#0-PASS

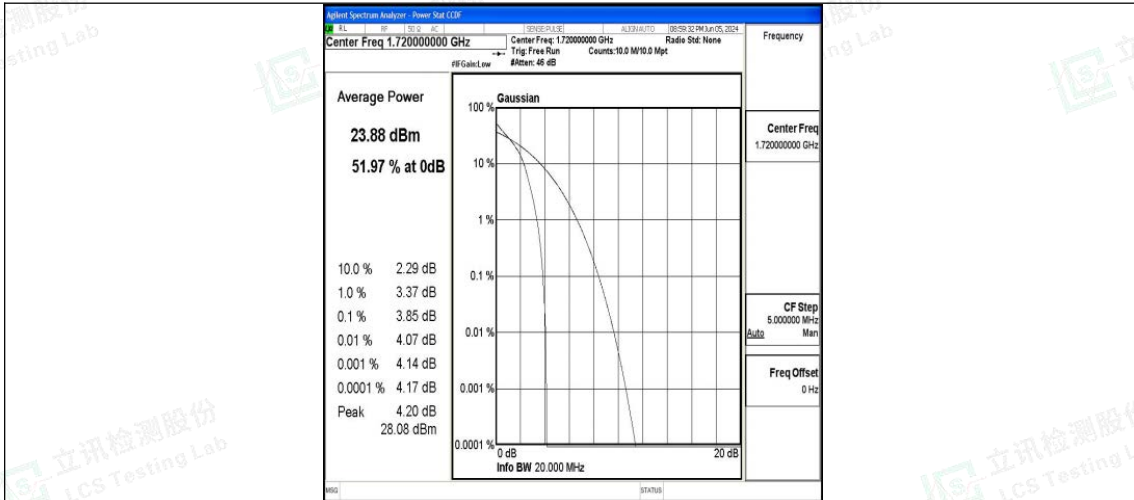


Band66-15MHz-QPSK-132597-75RB#0-PASS

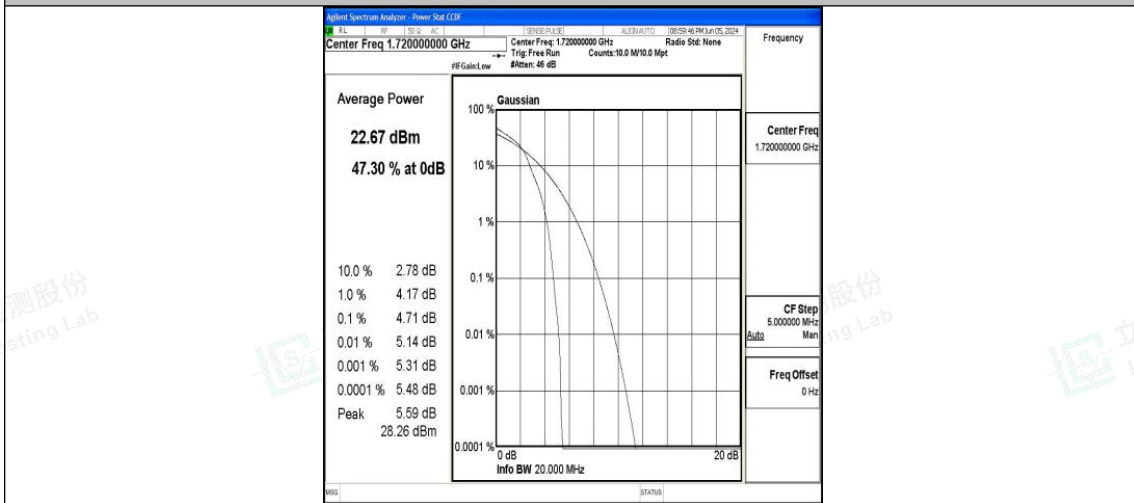


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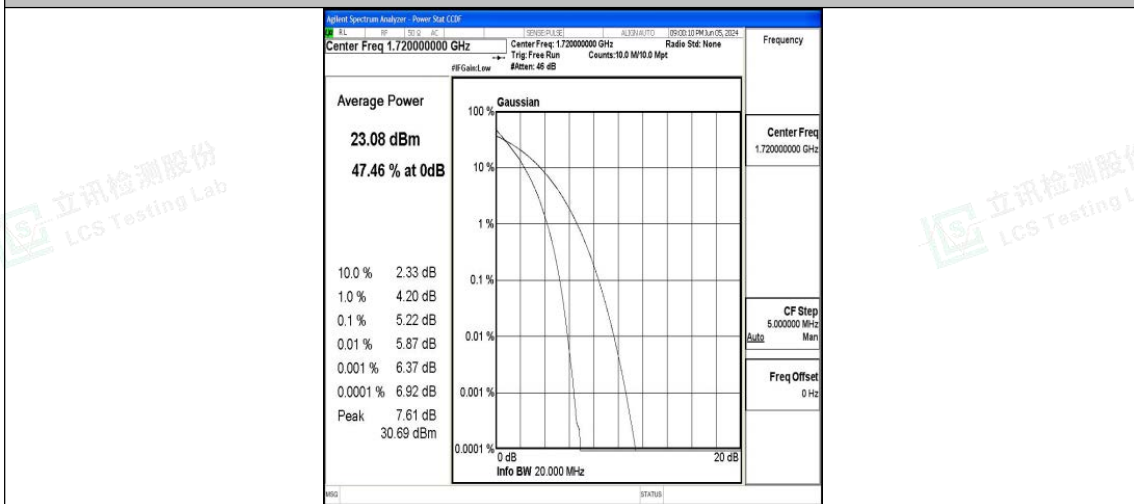




Band66-20MHz-QPSK-132072-1RB#0-PASS

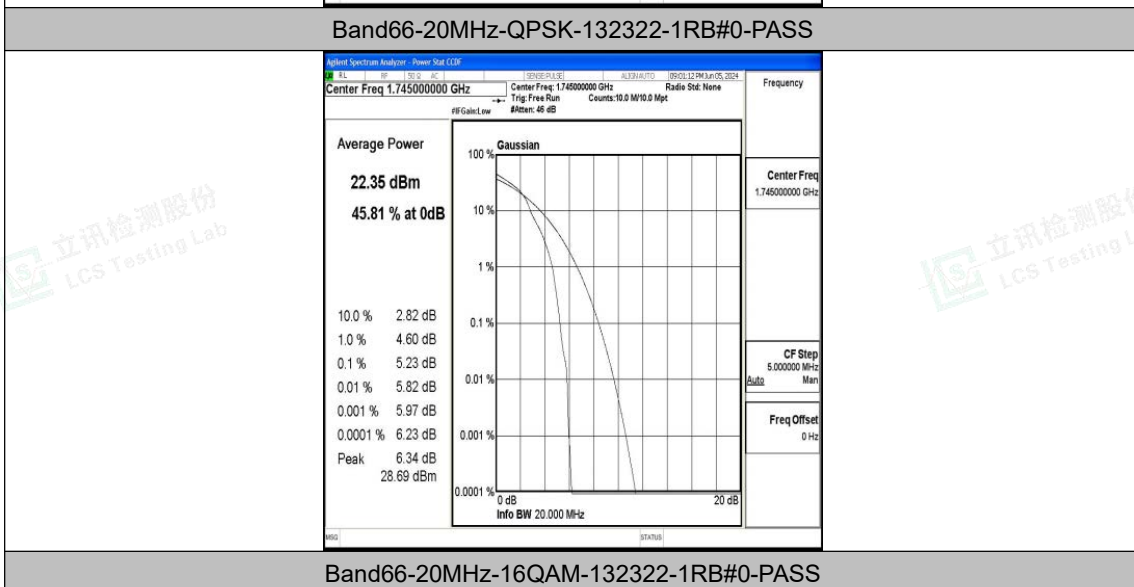
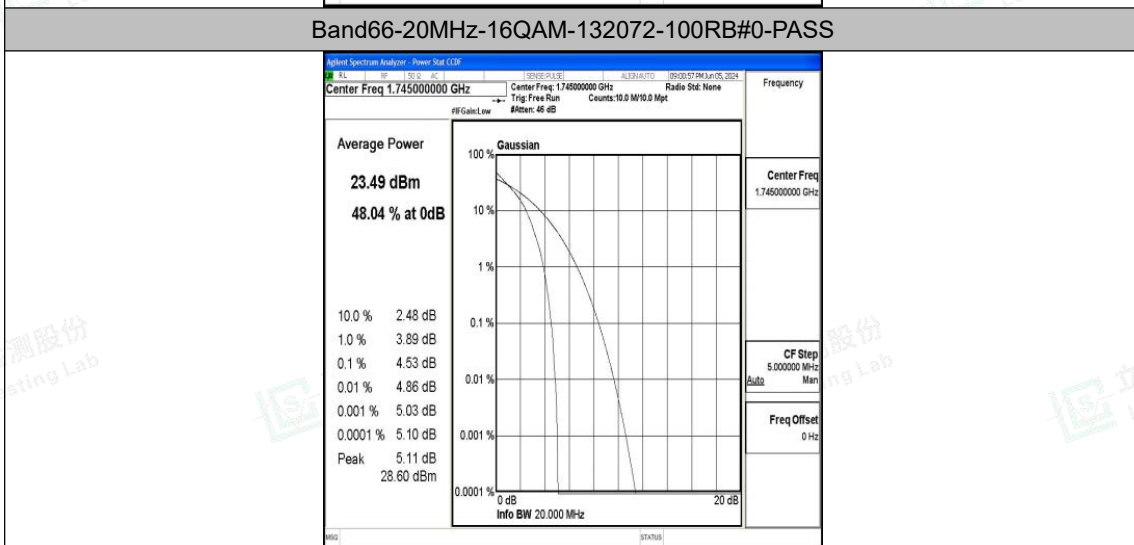
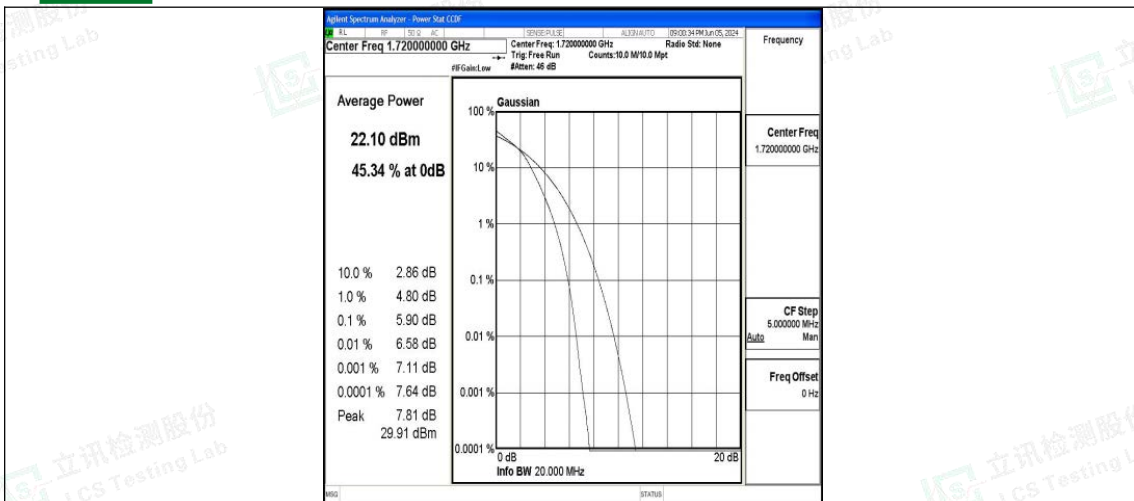


Band66-20MHz-16QAM-132072-1RB#0-PASS

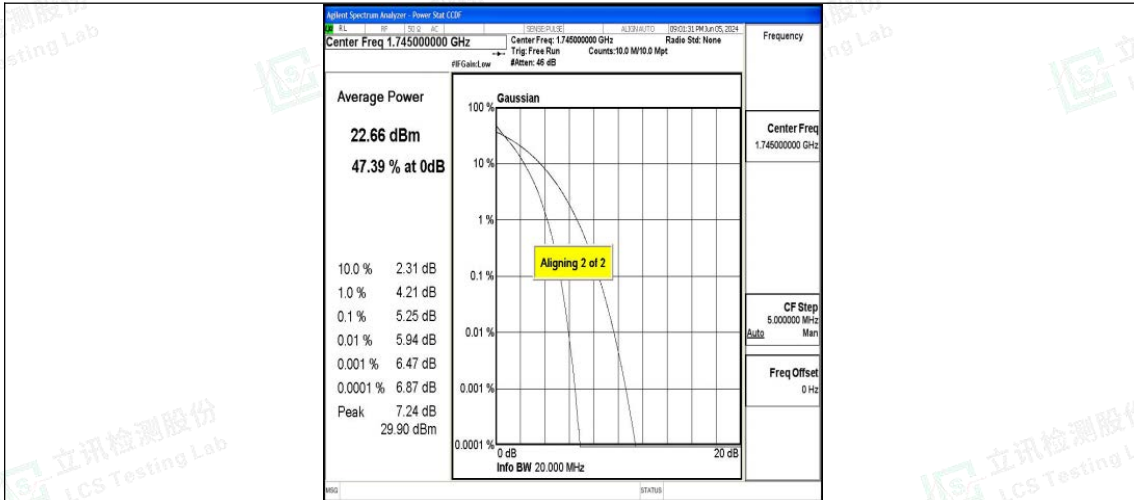


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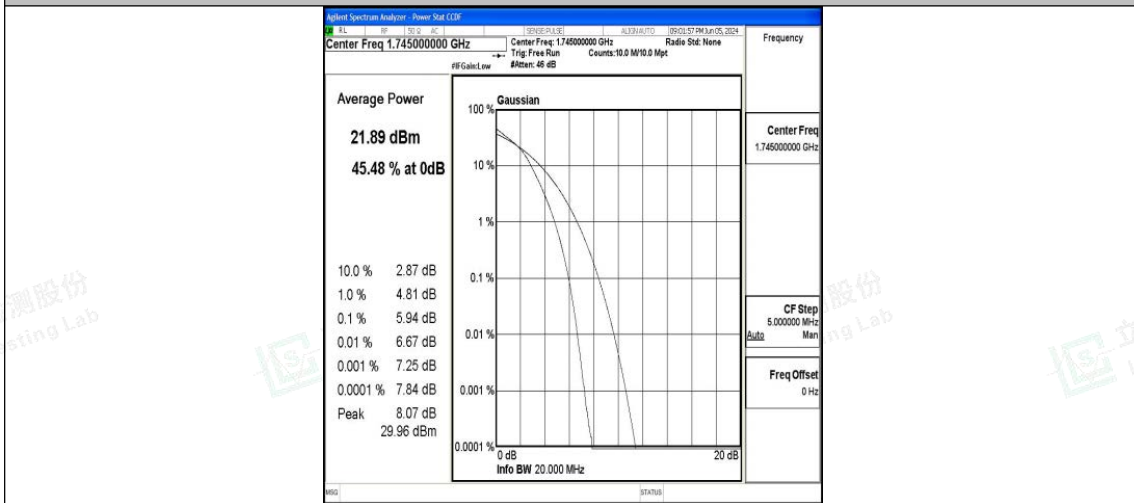




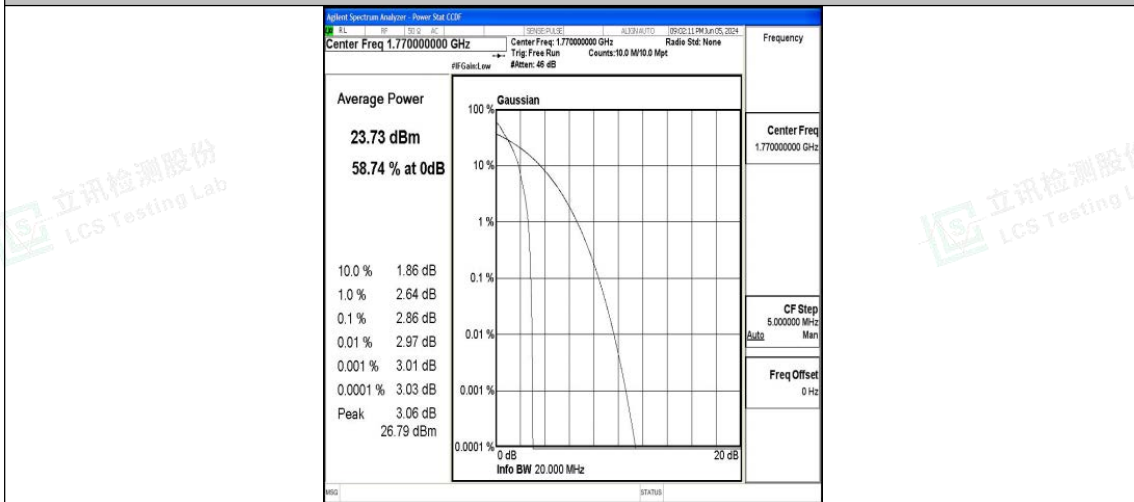




Band66-20MHz-QPSK-132322-100RB#0-PASS

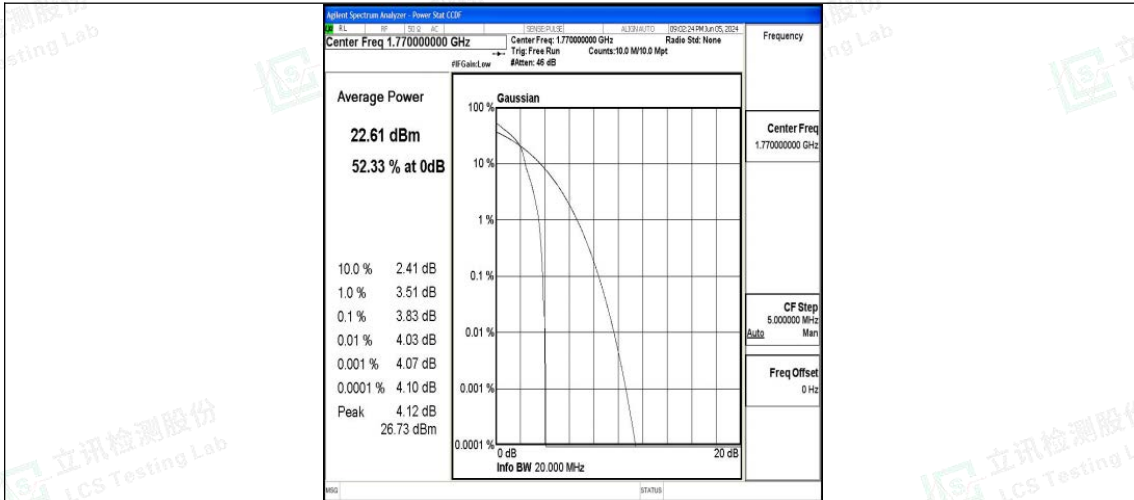


Band66-20MHz-16QAM-132322-100RB#0-PASS

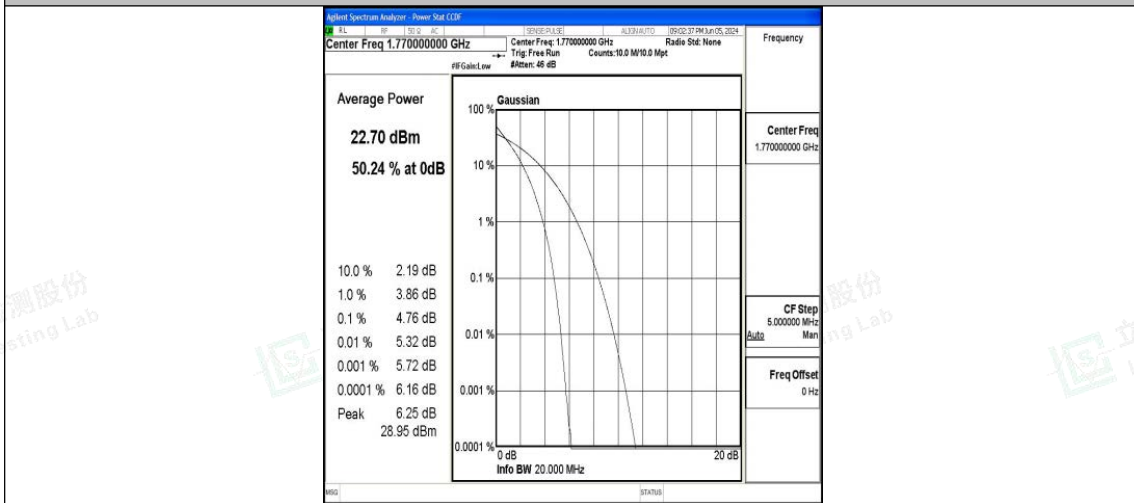


Band66-20MHz-QPSK-132572-1RB#0-PASS

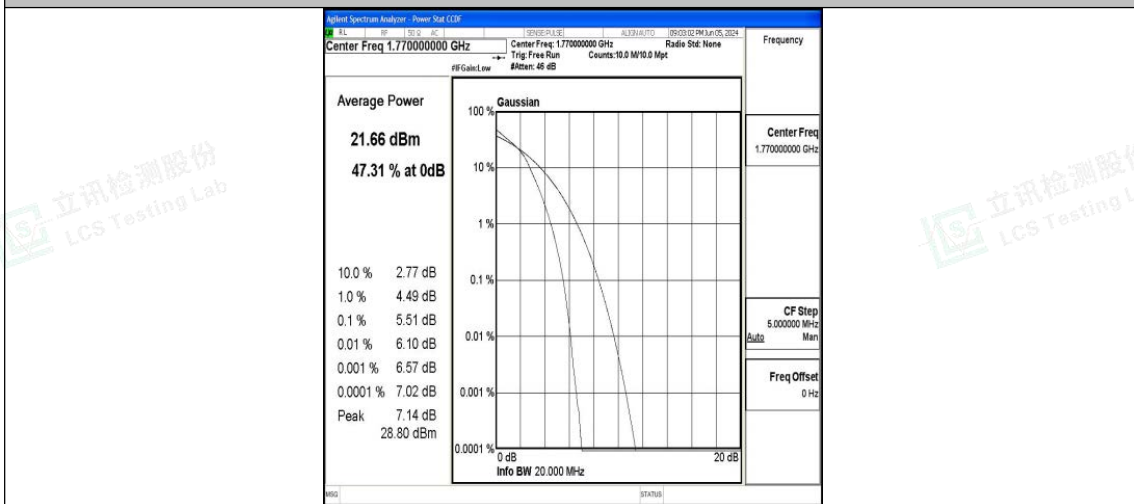




Band66-20MHz-16QAM-132572-1RB#0-PASS



Band66-20MHz-QPSK-132572-100RB#0-PASS



Band66-20MHz-16QAM-132572-100RB#0-PASS





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

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0928	1.285	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0938	1.300	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0922	1.306	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0977	1.292	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0913	1.289	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0959	1.299	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6878	2.891	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6805	2.869	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6837	2.908	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6810	2.886	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6830	2.927	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6787	2.890	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5163	5.194	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5186	5.221	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5287	5.534	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5251	5.154	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5208	5.228	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5192	5.150	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0029	10.17	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9978	9.984	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0196	10.07	PASS
Band66	10MHz	16QAM	132322	50RB#0	9.0220	10.04	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0136	10.16	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9890	10.08	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.498	15.23	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.460	15.39	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.546	15.03	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.533	15.09	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.509	15.16	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.501	15.05	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.977	19.67	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.986	19.70	PASS
Band66	20MHz	QPSK	132322	100RB#0	18.030	19.79	PASS



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



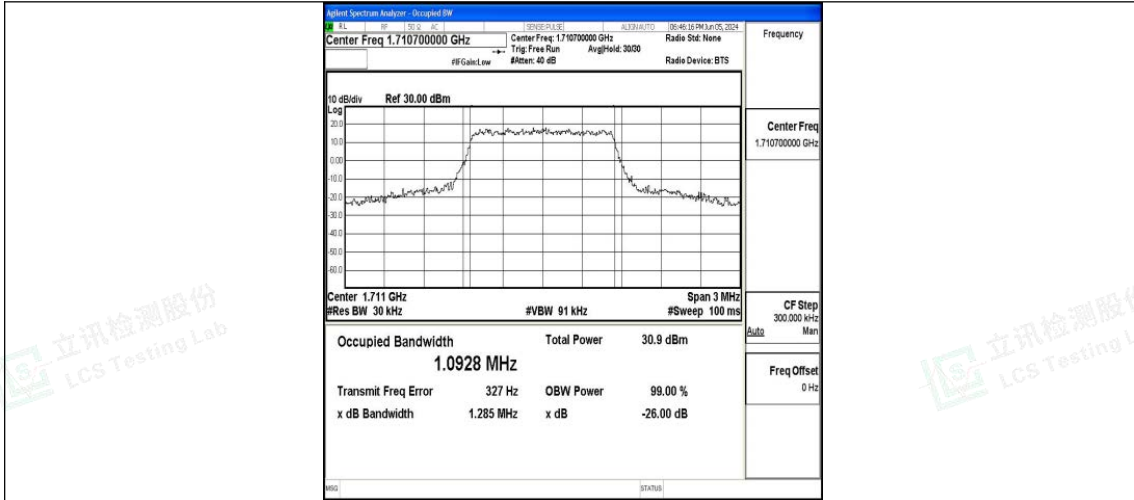
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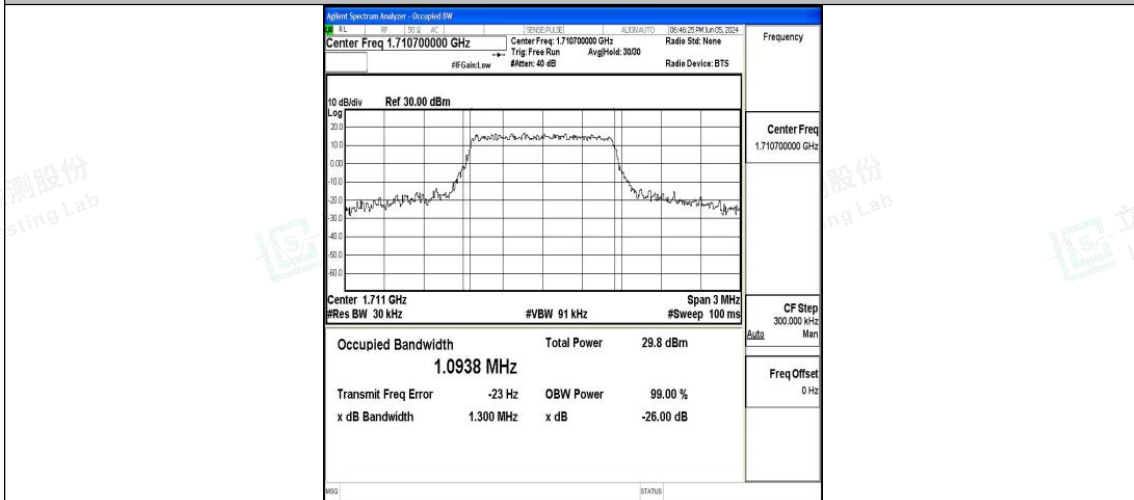
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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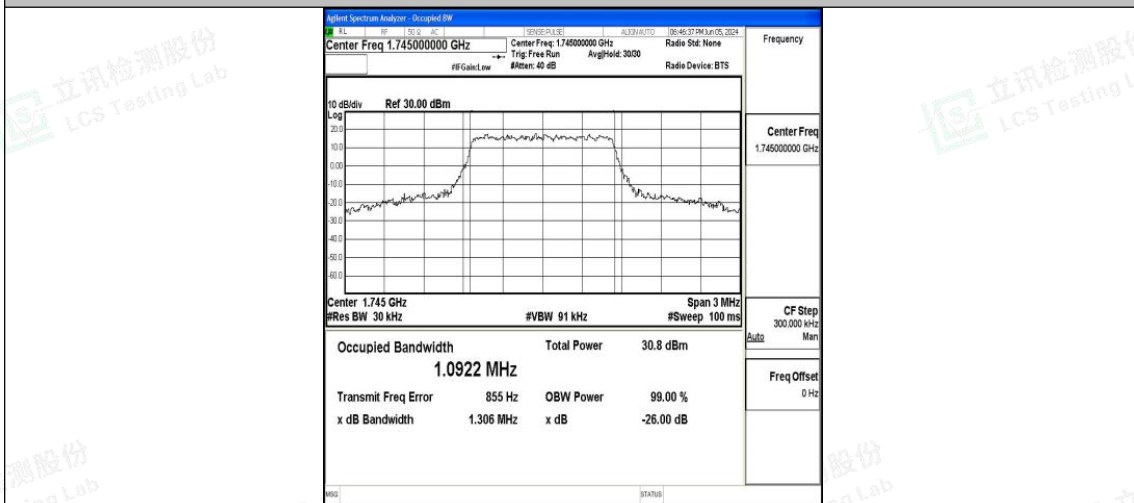
### Test Graphs



Band66-1.4MHz-QPSK-131979-6RB#0-PASS

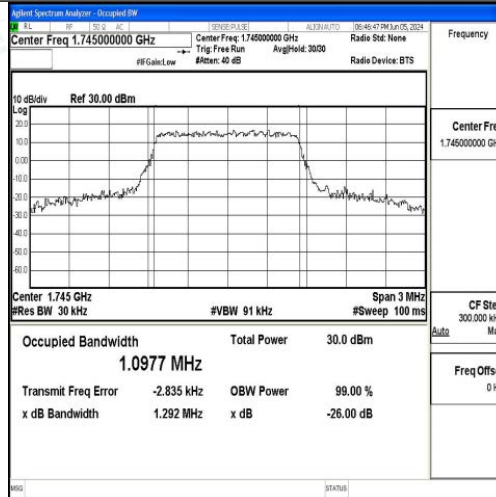


Band66-1.4MHz-16QAM-131979-6RB#0-PASS

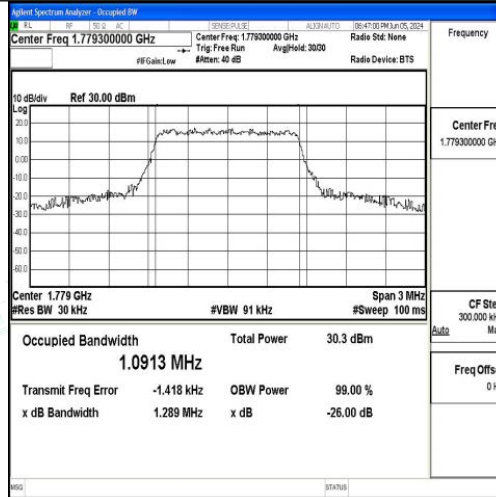




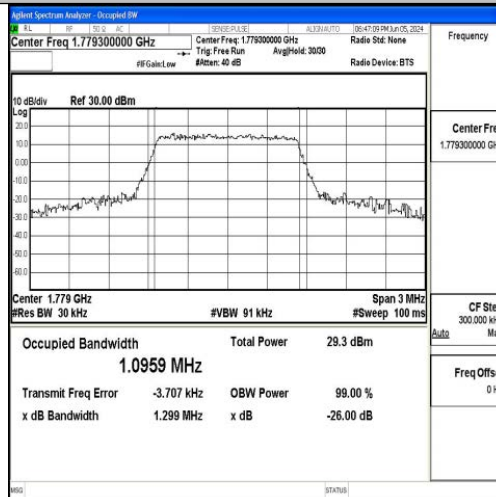
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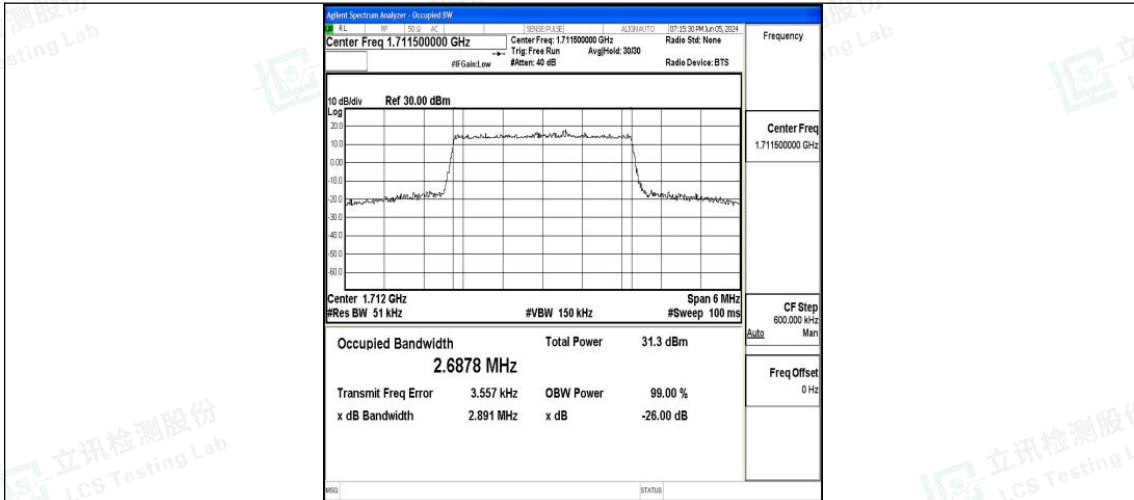


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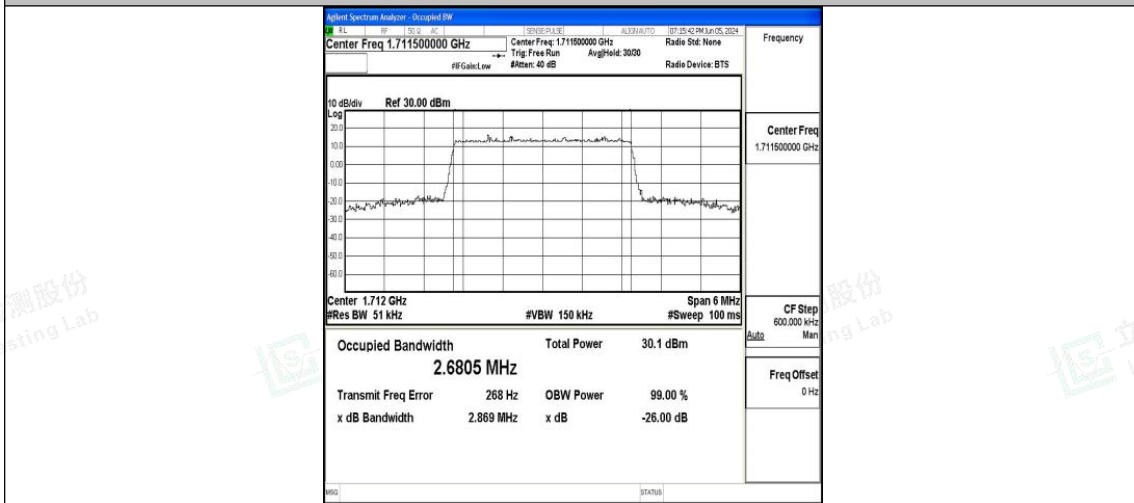


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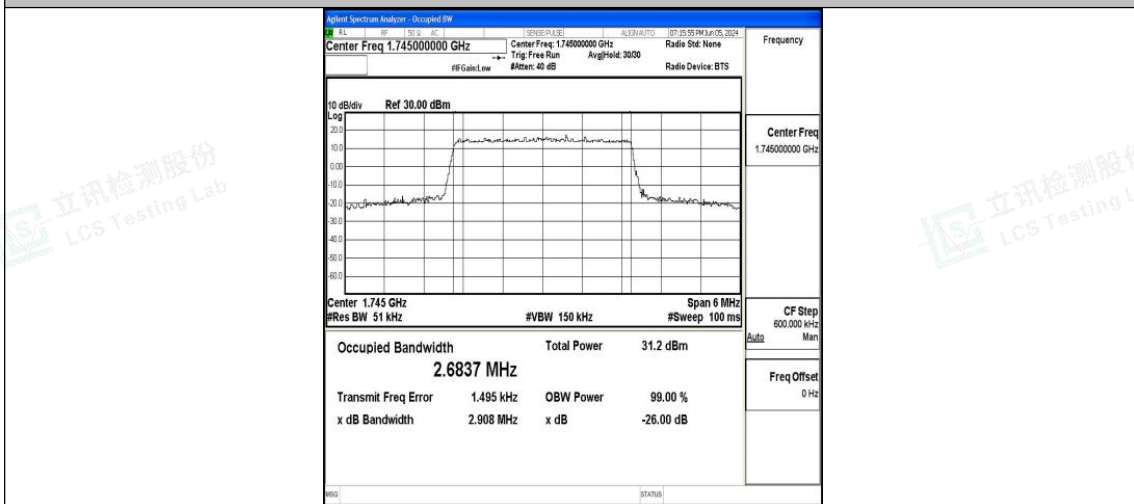




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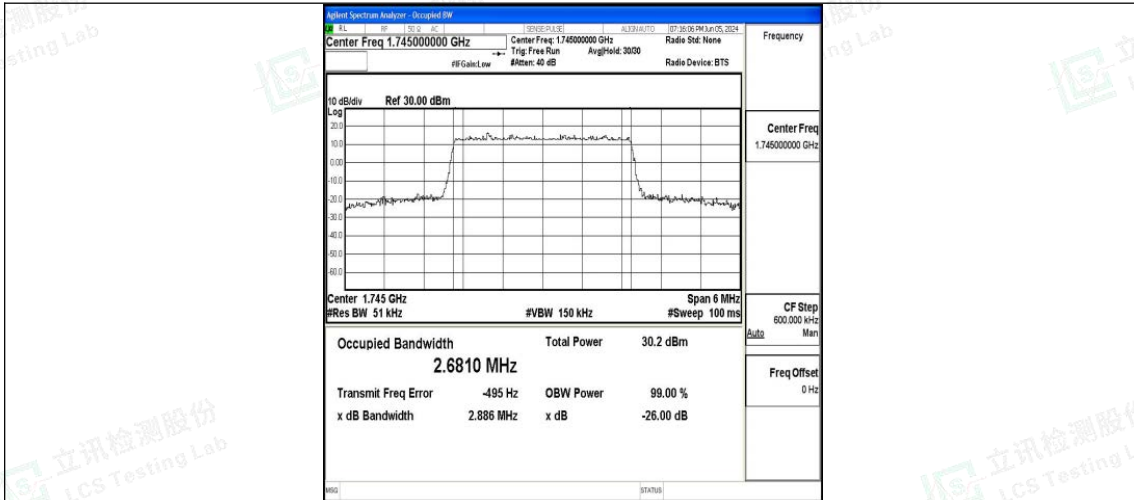


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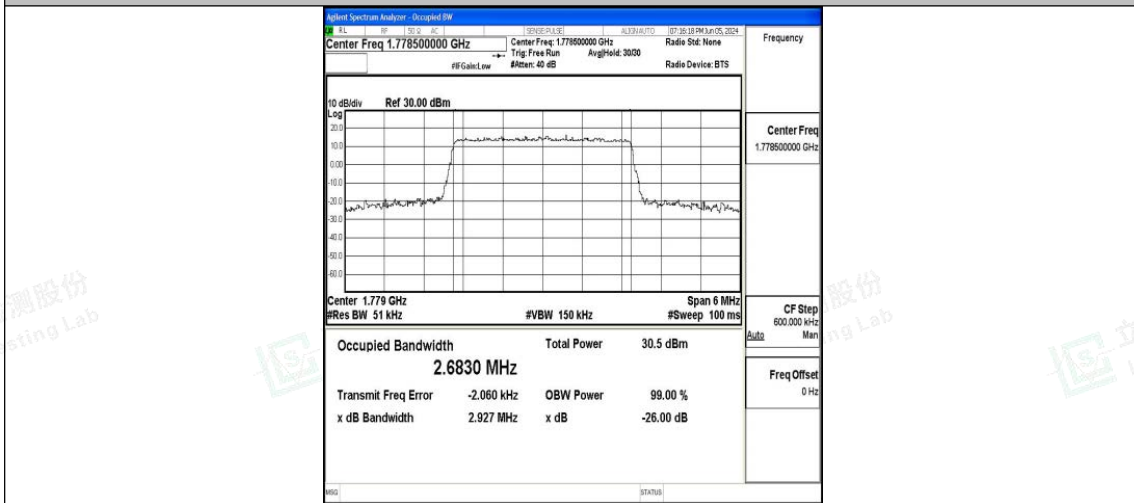


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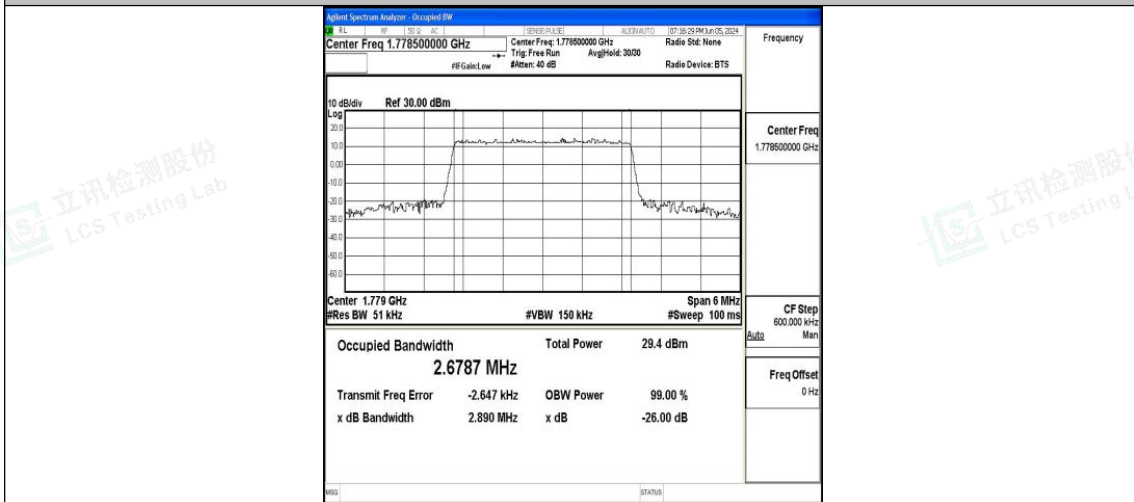




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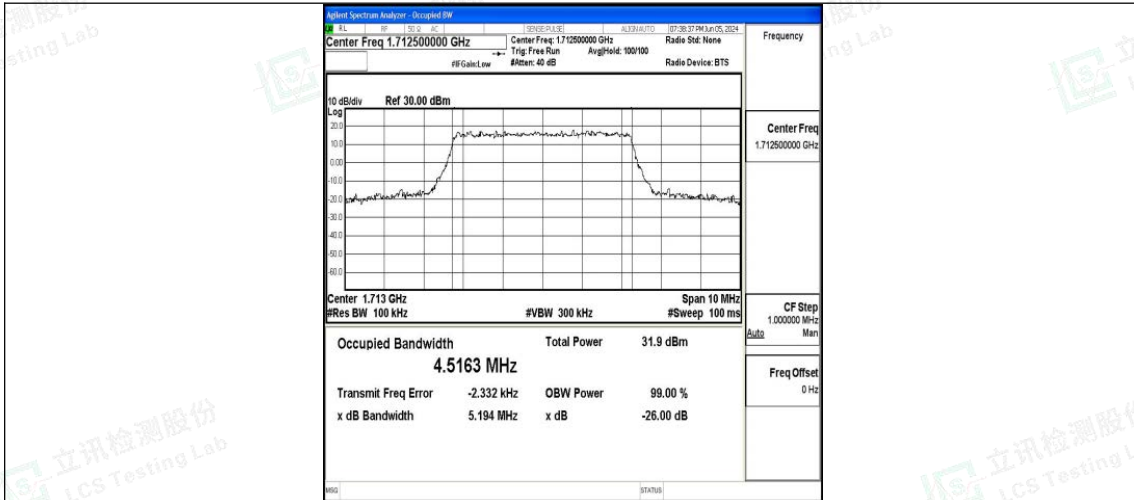
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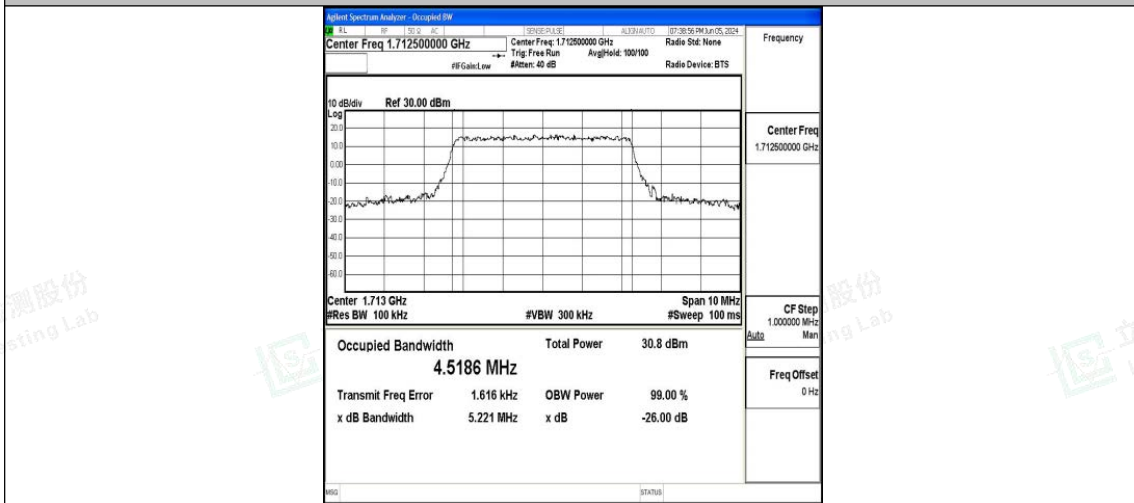
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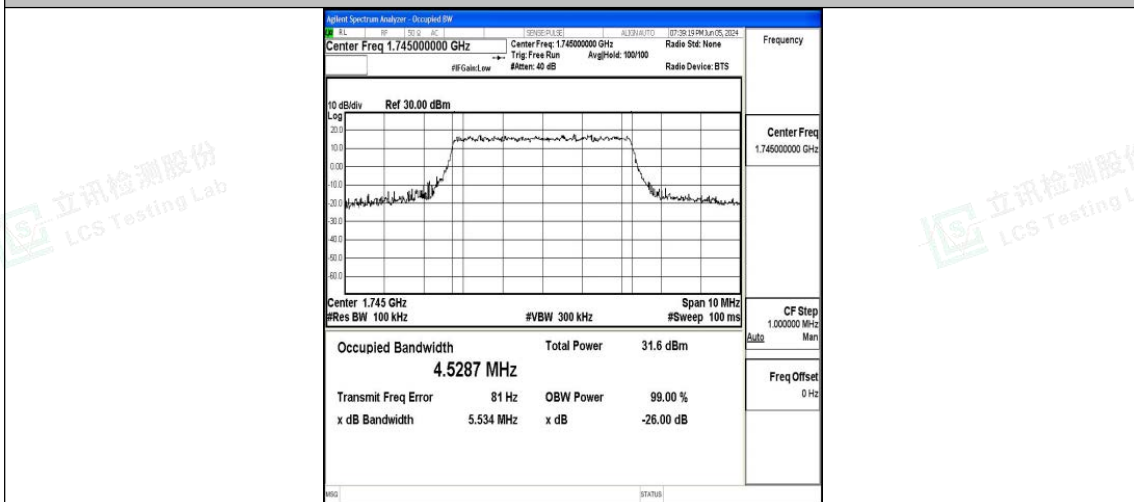




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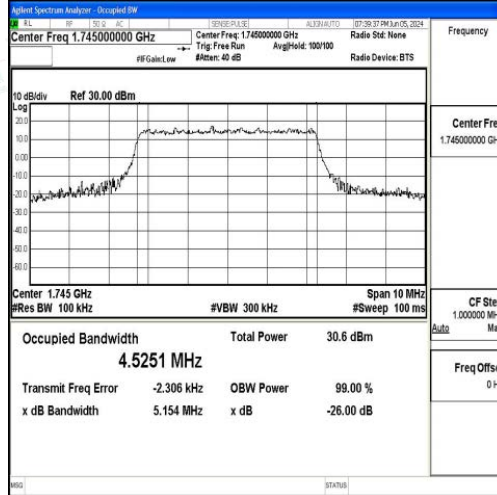


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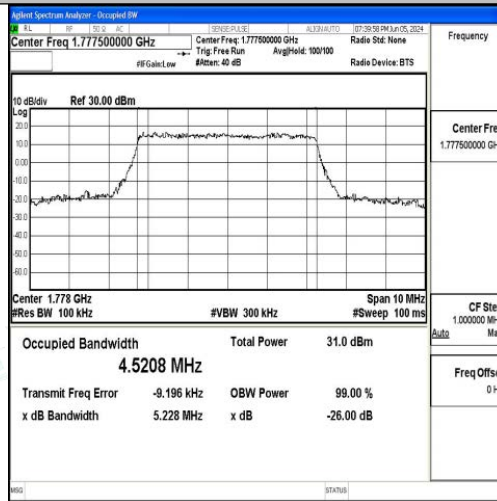


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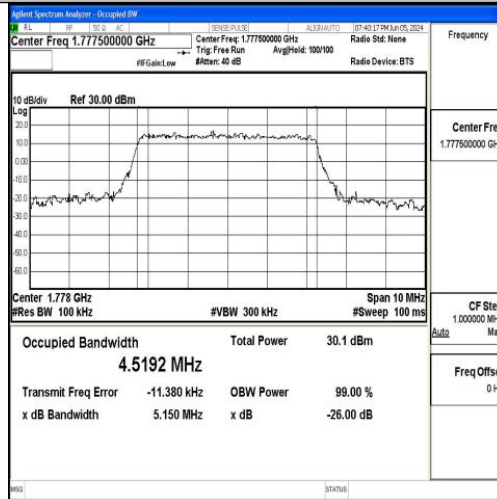




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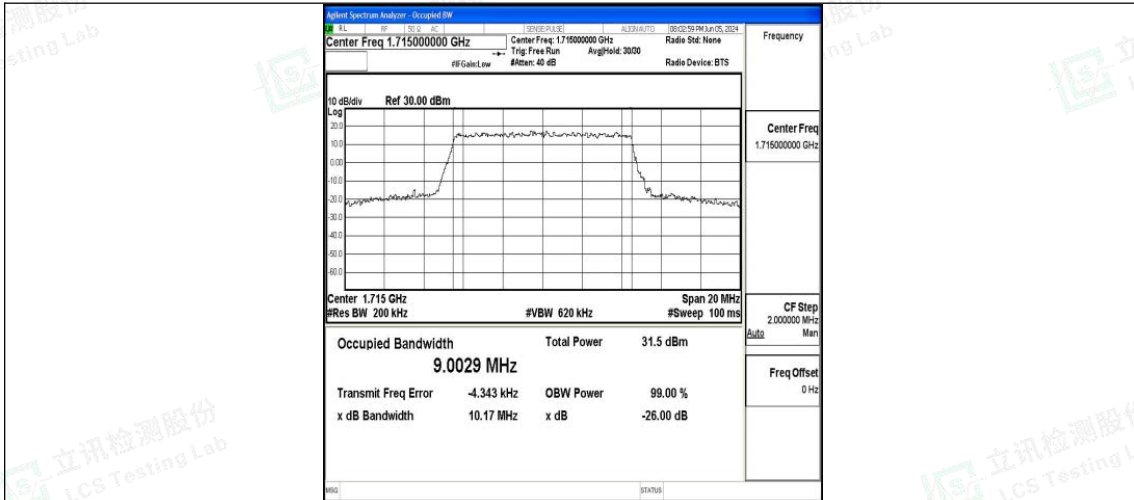


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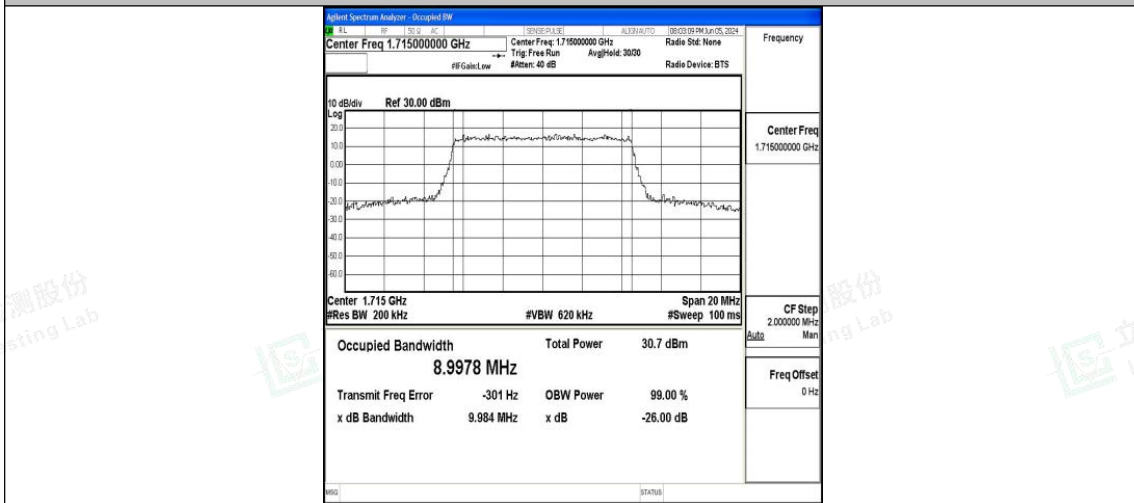


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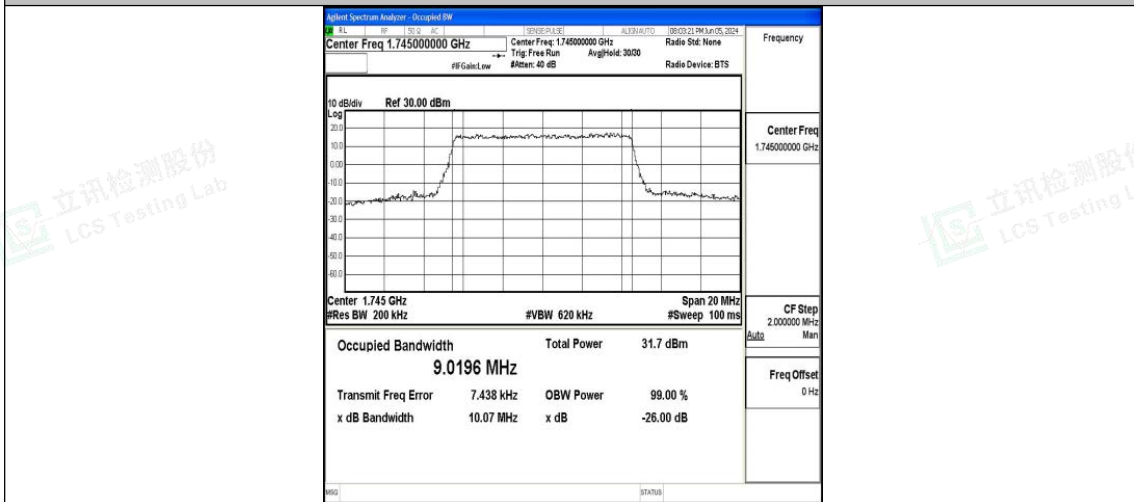




Band66-10MHz-QPSK-132022-50RB#0-PASS

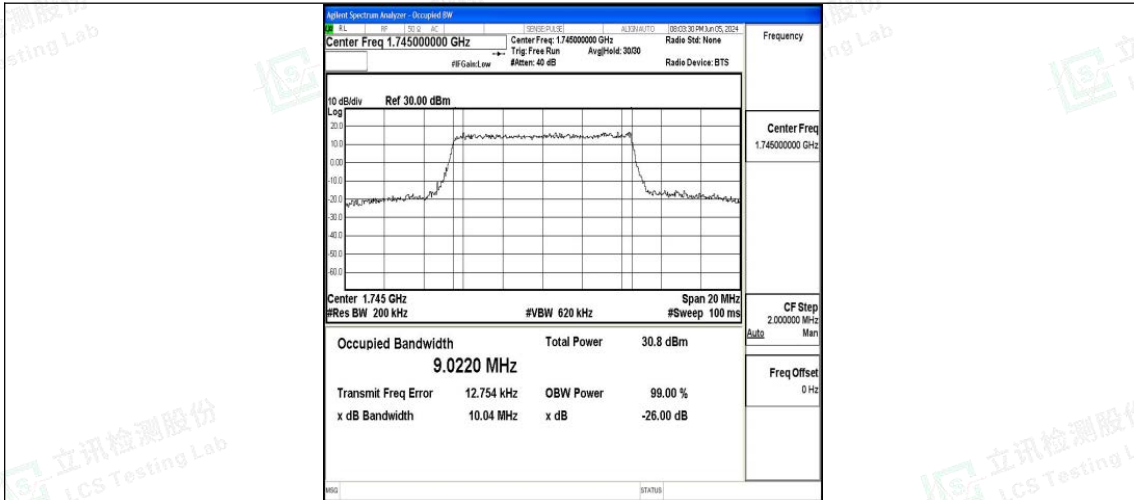


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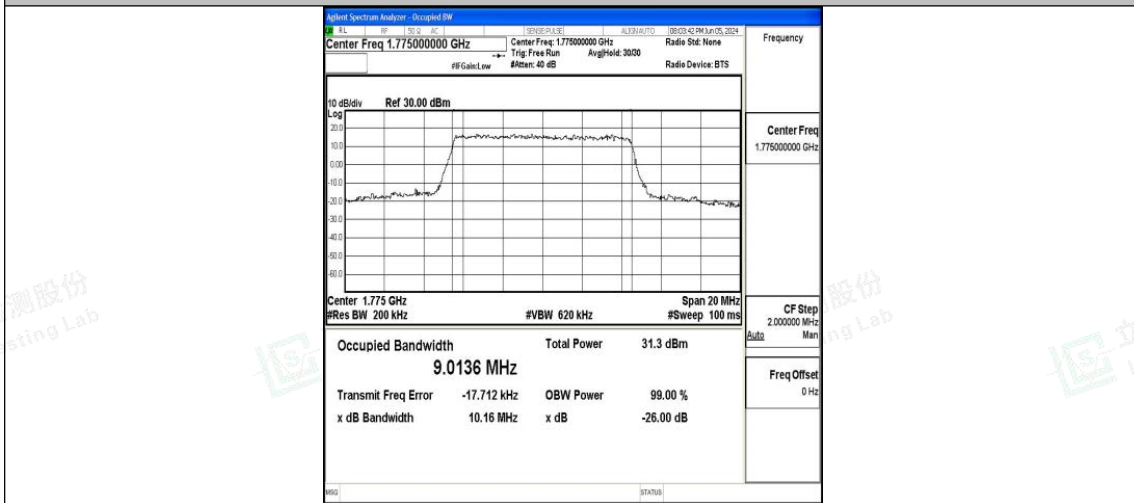


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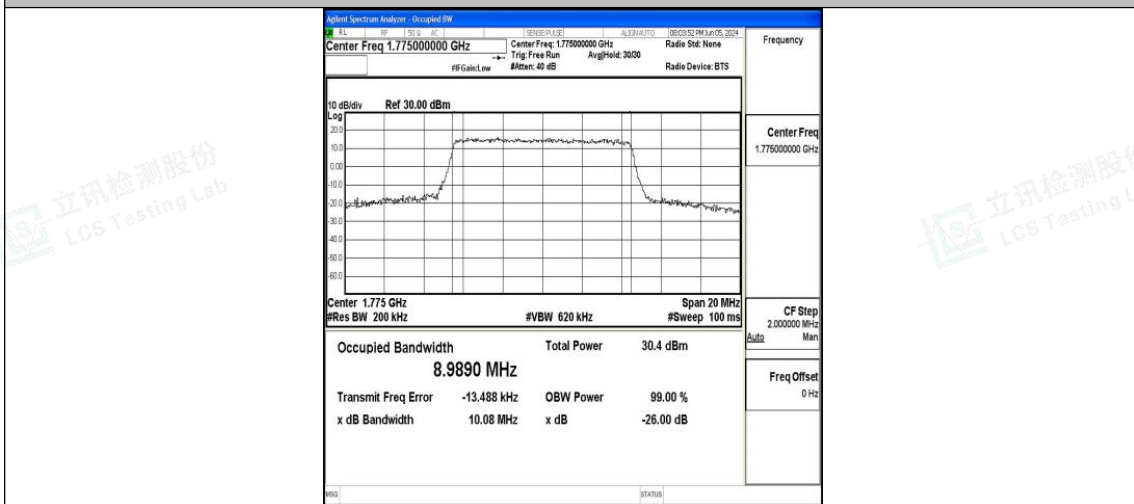




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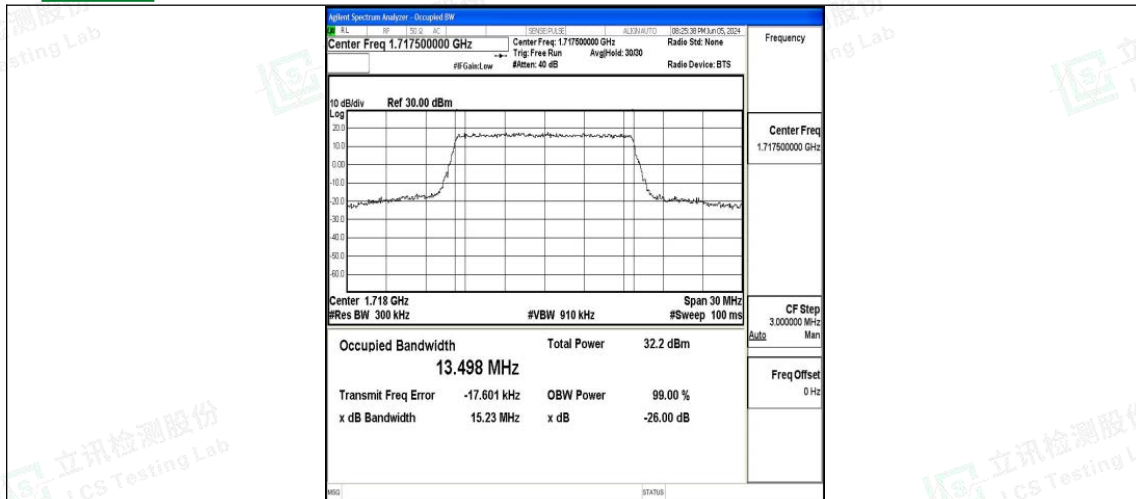


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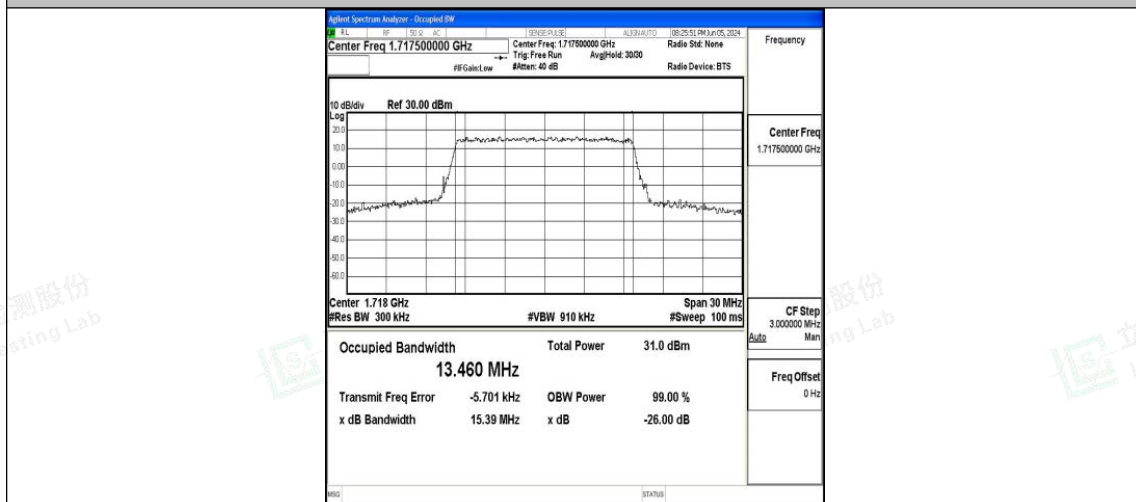


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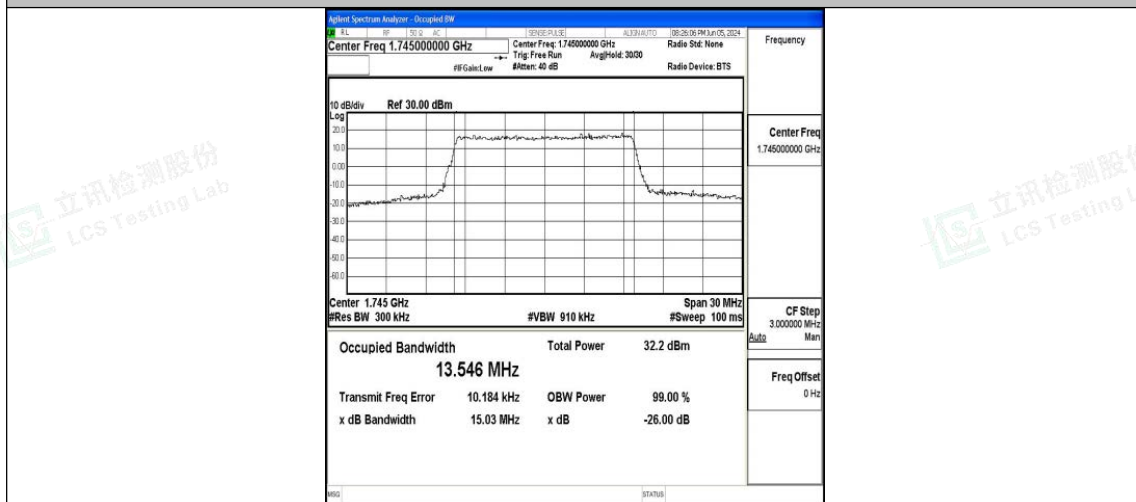




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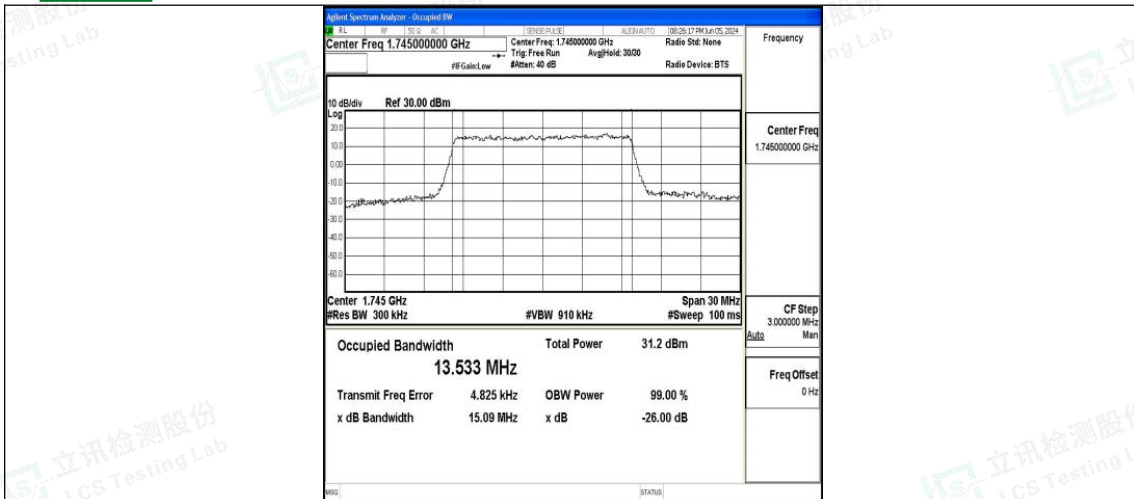


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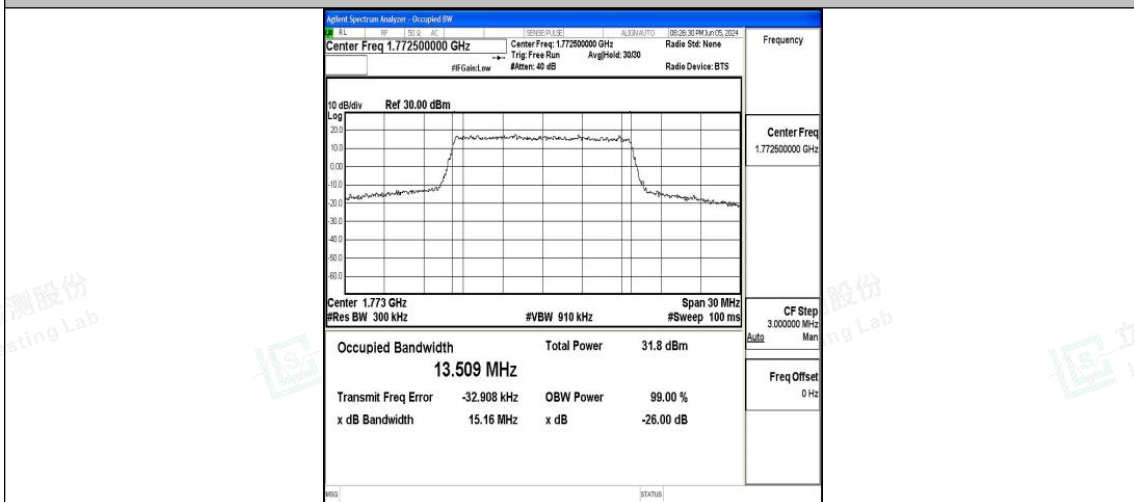


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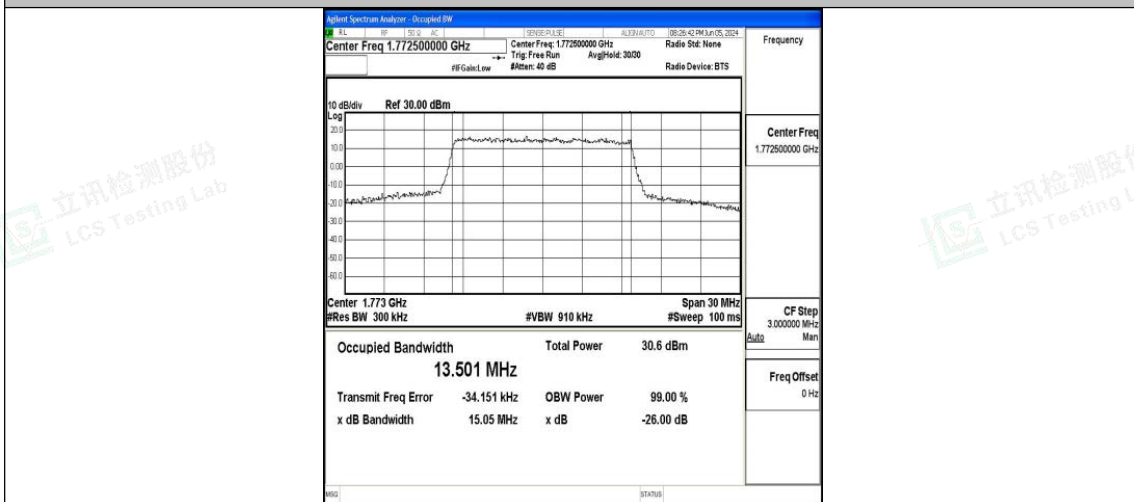




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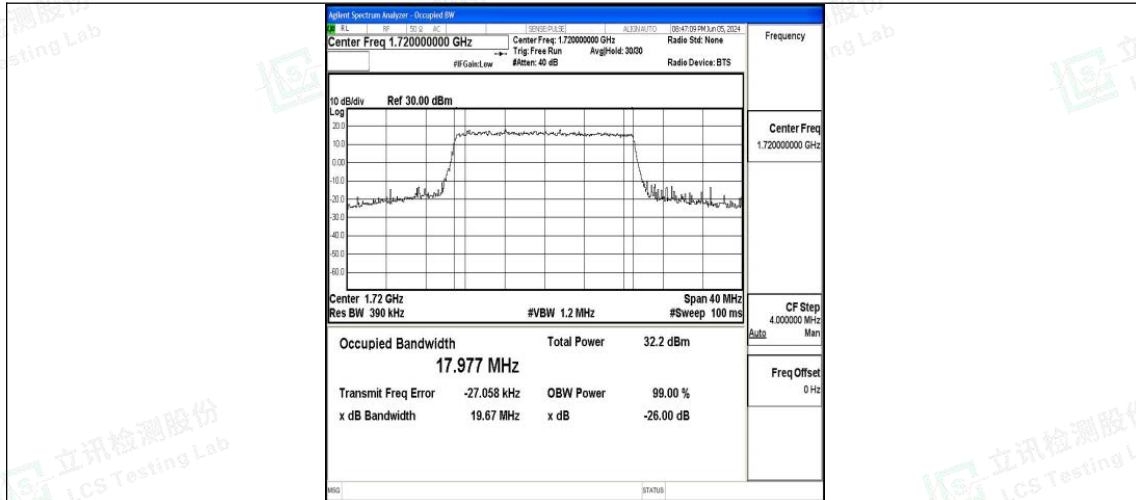


Band66-15MHz-QPSK-132597-75RB#0-PASS

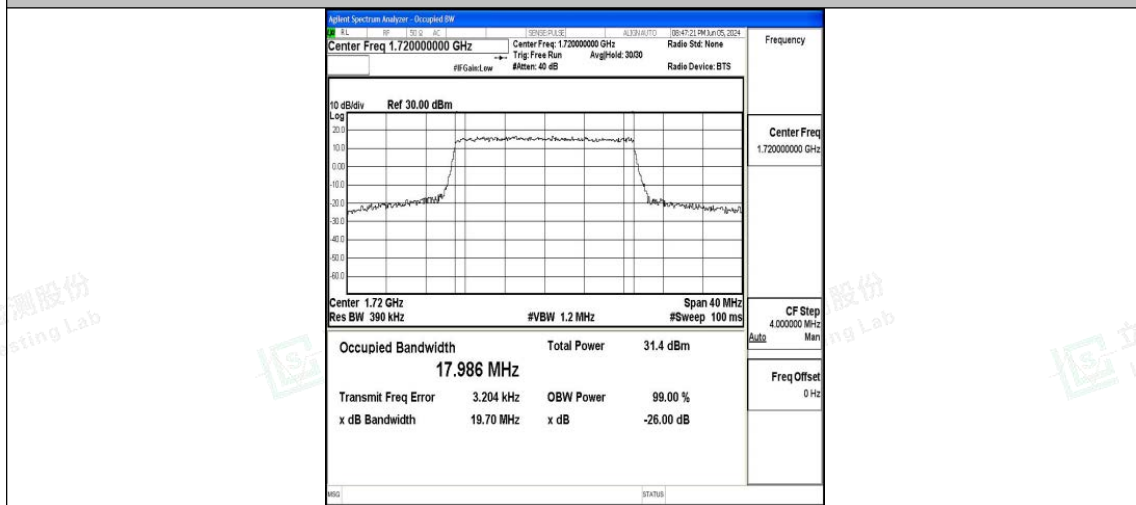


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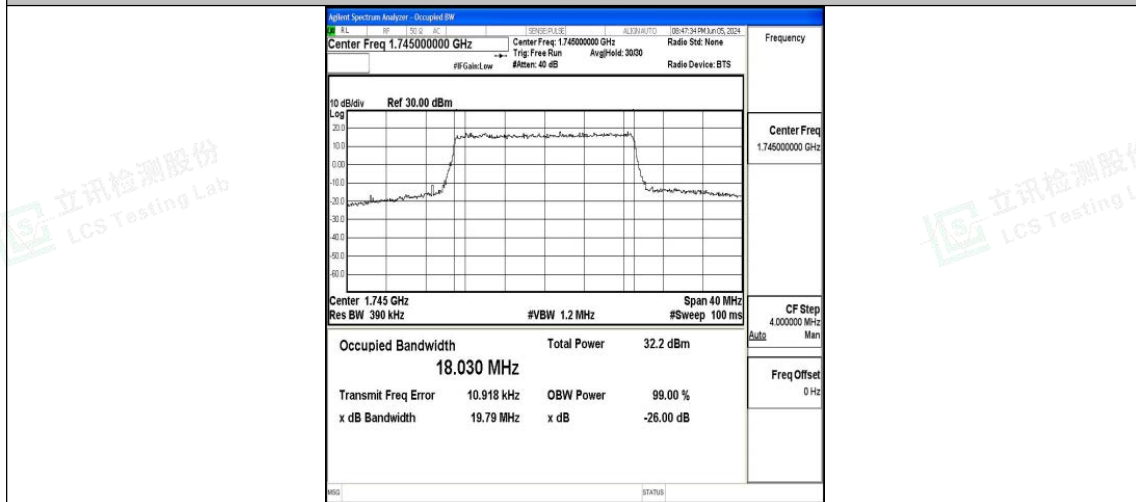




Band66-20MHz-QPSK-132072-100RB#0-PASS

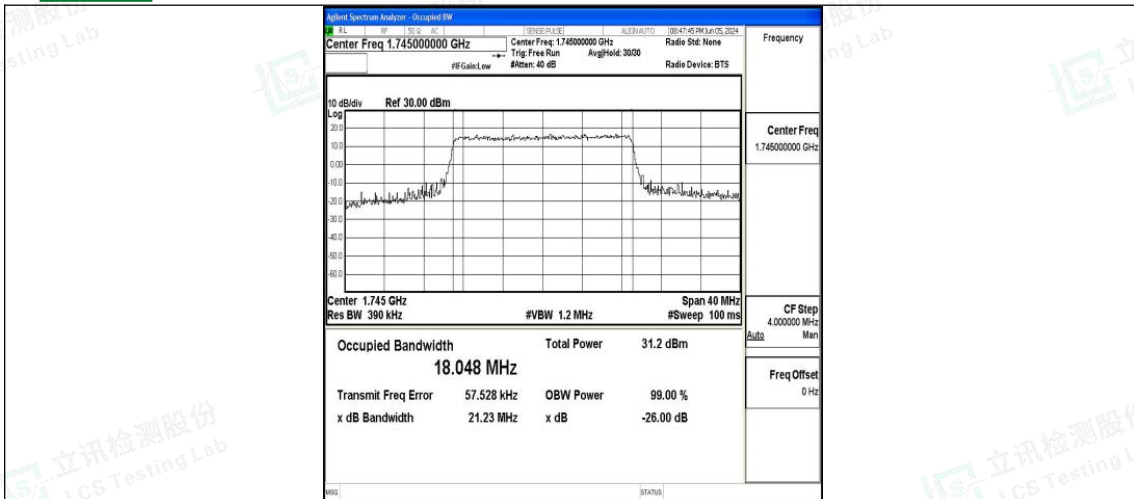


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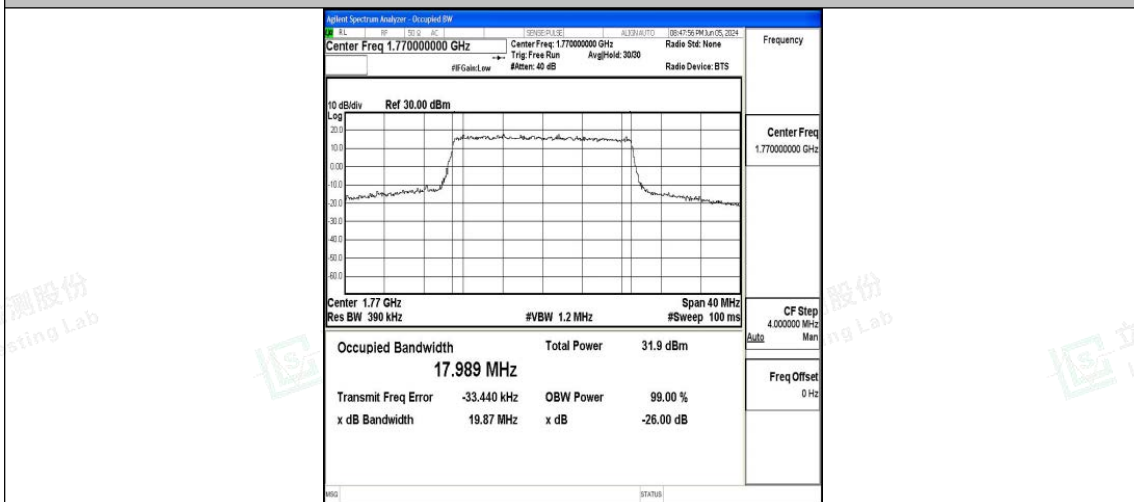


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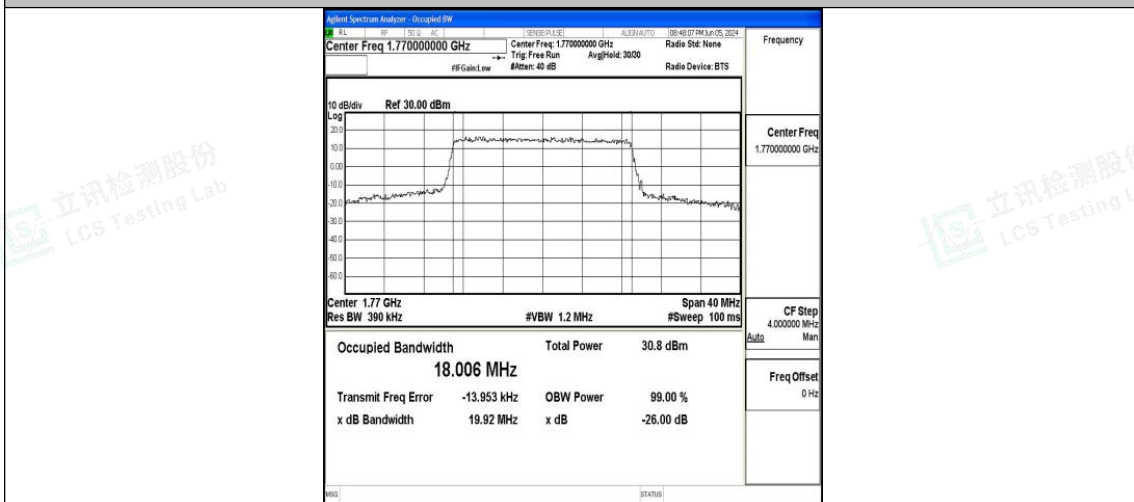




Band66-20MHz-16QAM-132322-100RB#0-PASS



Band66-20MHz-QPSK-132572-100RB#0-PASS



Band66-20MHz-16QAM-132572-100RB#0-PASS







## L.4 Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1709.97	-24.49	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1709.99	-26.44	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1780.00	-28.63	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1780.07	-30.88	PASS
Band66	3MHz	QPSK	131987	15RB#0	1709.85	-26.17	PASS
Band66	3MHz	16QAM	131987	15RB#0	1709.99	-28.93	PASS
Band66	3MHz	QPSK	132657	15RB#0	1780.01	-30.23	PASS
Band66	3MHz	16QAM	132657	15RB#0	1780.03	-32.34	PASS
Band66	5MHz	QPSK	131997	25RB#0	1709.98	-23.84	PASS
Band66	5MHz	16QAM	131997	25RB#0	1709.98	-25.74	PASS
Band66	5MHz	QPSK	132647	25RB#0	1780.01	-25.54	PASS
Band66	5MHz	16QAM	132647	25RB#0	1780.02	-26.91	PASS
Band66	10MHz	QPSK	132022	50RB#0	1709.95	-26.66	PASS
Band66	10MHz	16QAM	132022	50RB#0	1709.97	-29.02	PASS
Band66	10MHz	QPSK	132622	50RB#0	1780.08	-27.56	PASS
Band66	10MHz	16QAM	132622	50RB#0	1780.09	-30.32	PASS
Band66	15MHz	QPSK	132047	75RB#0	1709.99	-27.25	PASS
Band66	15MHz	16QAM	132047	75RB#0	1709.98	-30.16	PASS
Band66	15MHz	QPSK	132597	75RB#0	1780.01	-25.11	PASS
Band66	15MHz	16QAM	132597	75RB#0	1780.02	-27.94	PASS
Band66	20MHz	QPSK	132072	100RB#0	1709.86	-29.49	PASS
Band66	20MHz	16QAM	132072	100RB#0	1709.95	-31.77	PASS
Band66	20MHz	QPSK	132572	100RB#0	1780.03	-25.65	PASS
Band66	20MHz	16QAM	132572	100RB#0	1780.06	-29.02	PASS



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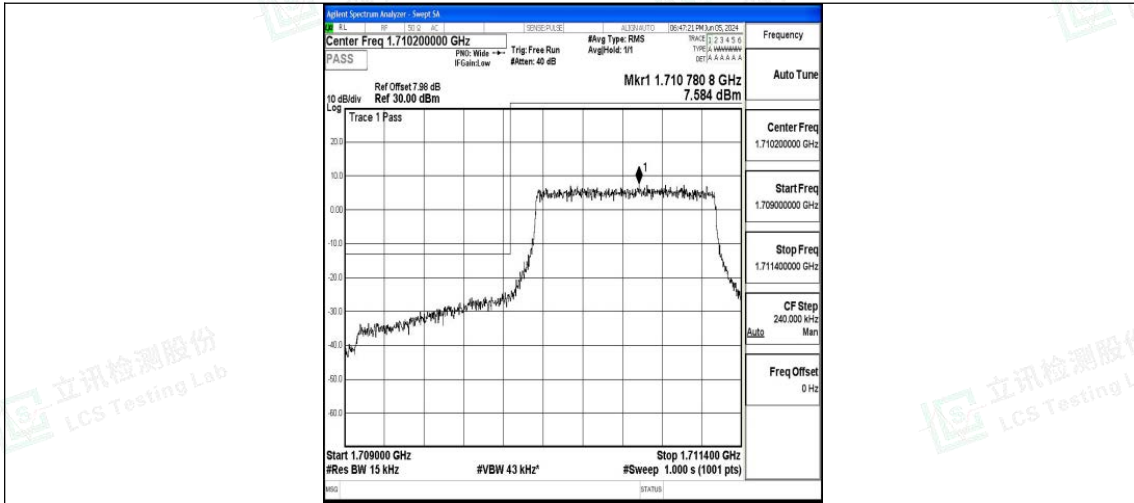
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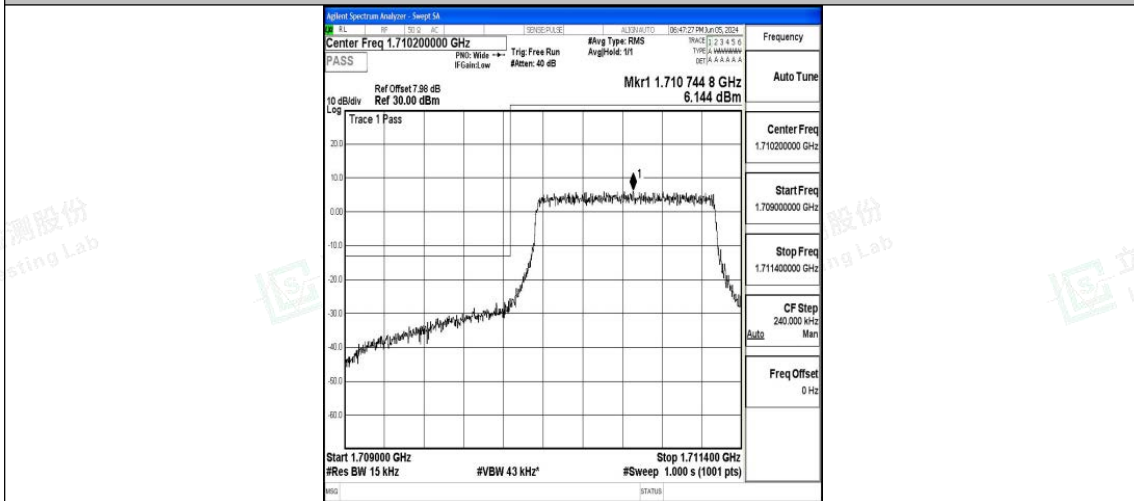
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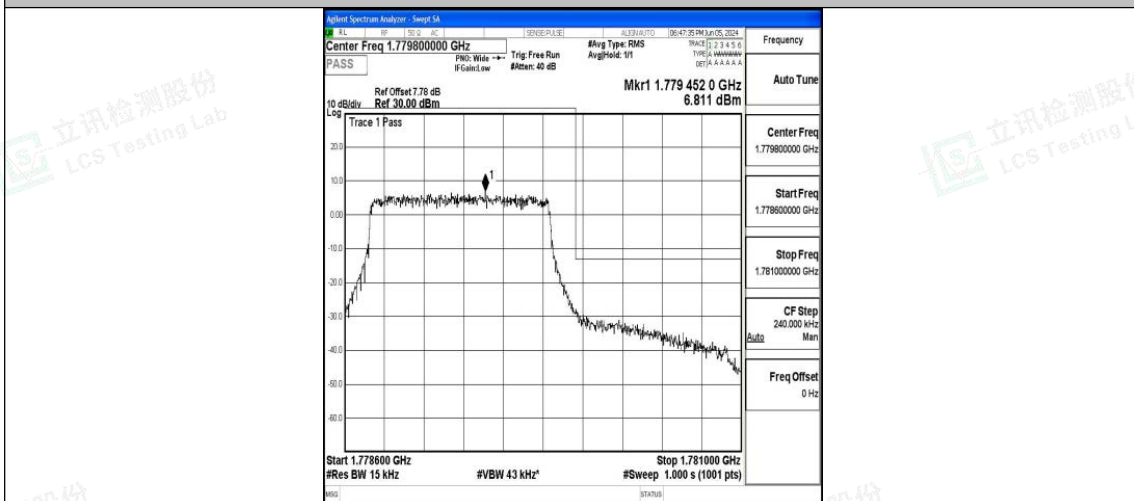
### Test Graphs



Band66\_1.4MHz\_QPSK\_131979\_6RB#0

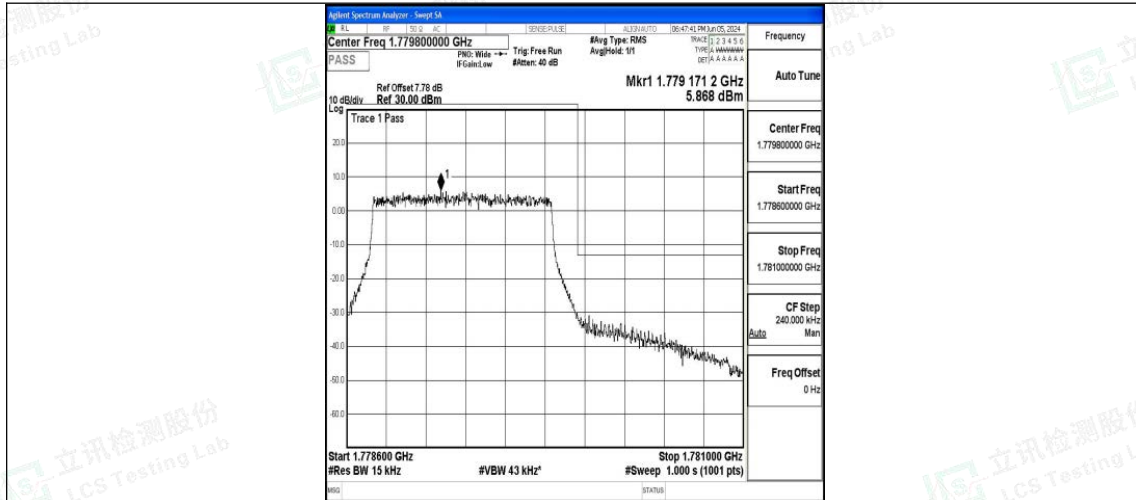


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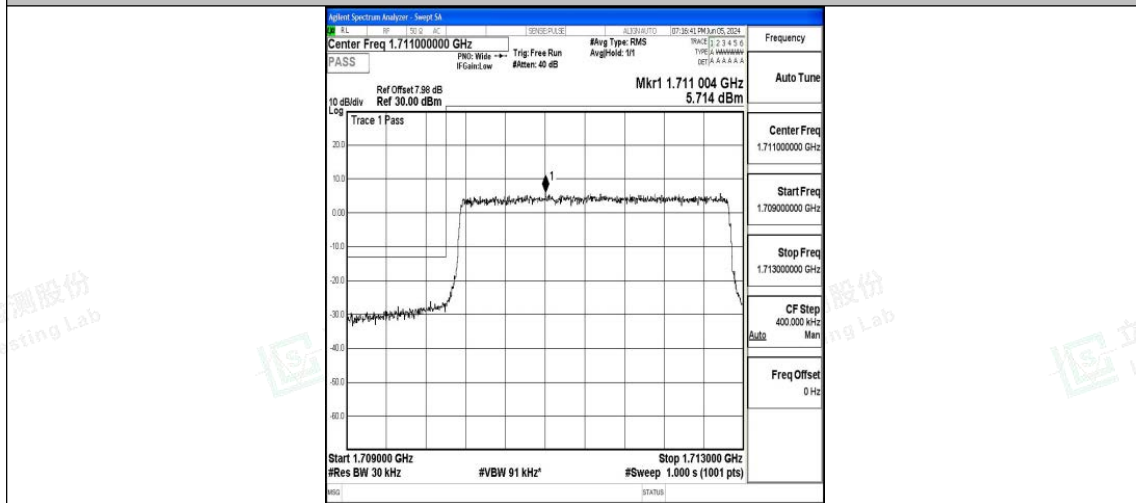


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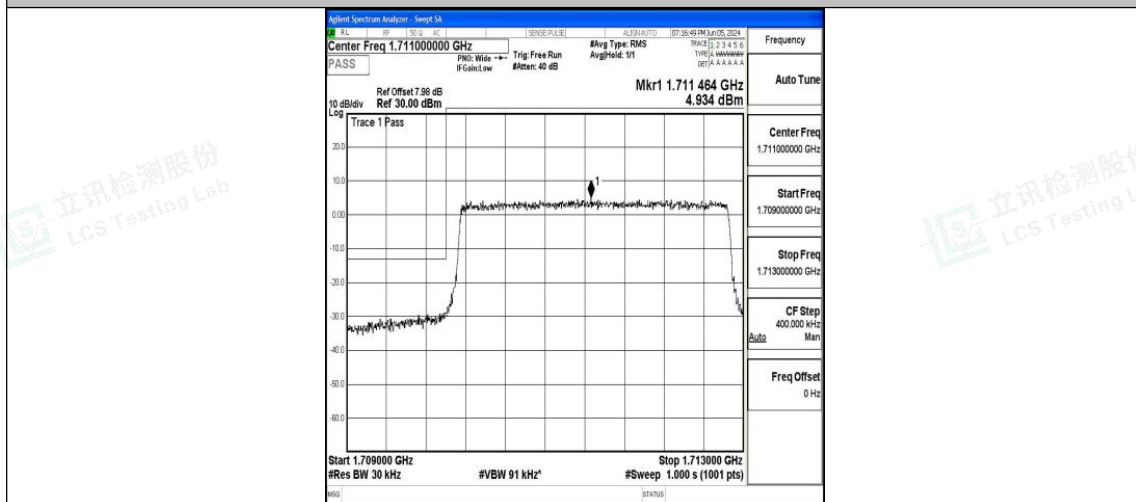




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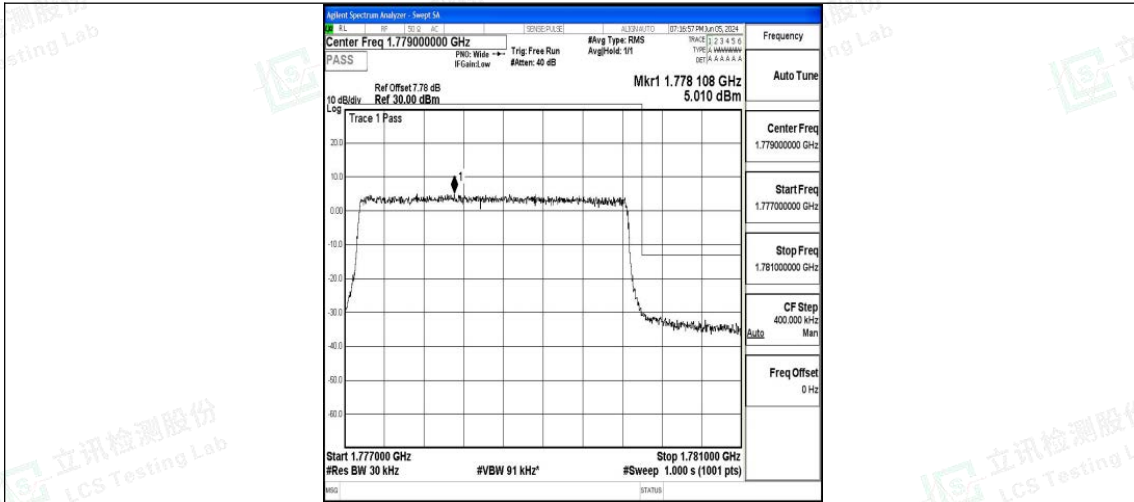


Band66\_3MHz\_QPSK\_131987\_15RB#0

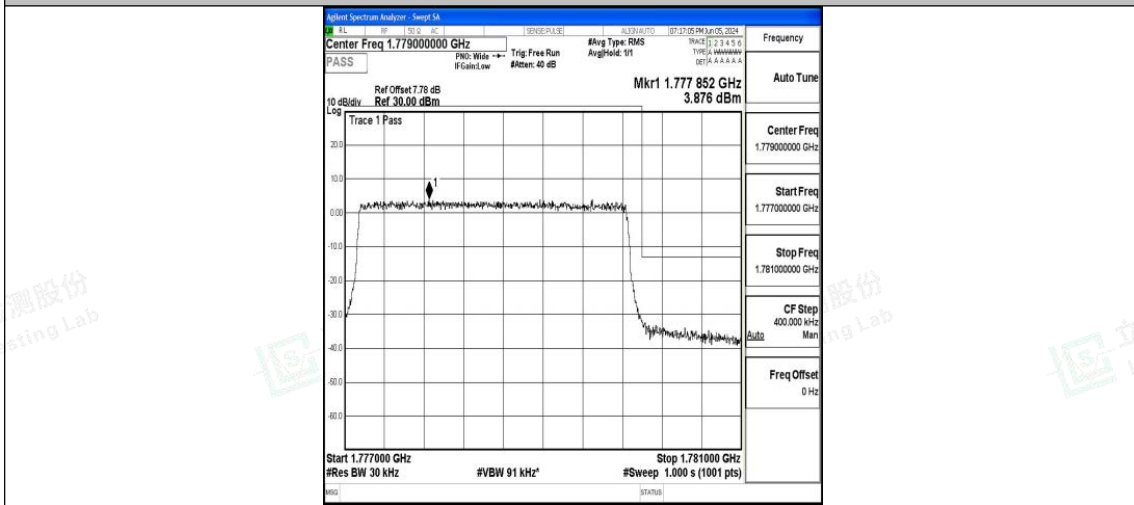


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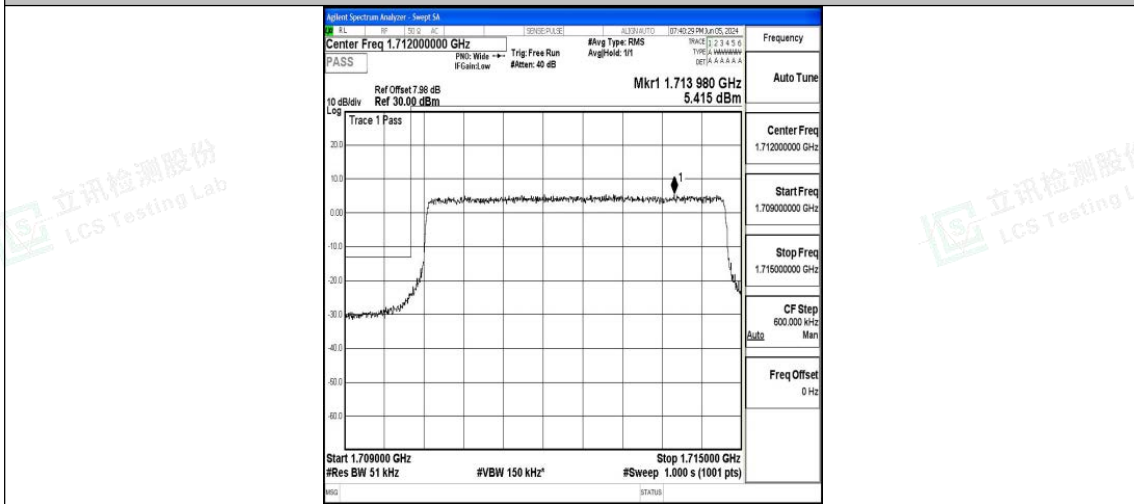




Band66\_3MHz\_QPSK\_132657\_15RB#0



Band66\_3MHz\_16QAM\_132657\_15RB#0



Band66\_5MHz\_QPSK\_131997\_25RB#0

