



Appendix G: Test Data for E-UTRA Band 4

Product Name: Smartphone

Test Model: NOTE 50

Environmental Conditions

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





G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.22	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.19	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.15	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.20	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.23	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.16	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.03	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.29	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.29	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.23	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.11	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.05	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.06	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.93	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.95	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.02	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.89	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.98	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.94	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.97	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.98	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.92	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.89	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.54	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.05	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.94	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.03	PASS





Band4	1.4MHz	16QAM	20175	3RB#0	21.79	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.84	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.87	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.47	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.27	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.41	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.73	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.75	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.78	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.12	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.17	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.20	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.11	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.16	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.29	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.17	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.13	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.16	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.11	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.06	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.19	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.21	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.12	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.06	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.97	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.01	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.96	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.93	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.86	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.80	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.85	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.32	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.33	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.26	PASS





Band4	3MHz	16QAM	19965	8RB#0	21.43	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.41	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.39	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.28	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.22	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.20	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.47	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.53	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.32	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.24	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.77	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.69	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.76	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.11	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.14	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.21	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.81	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.17	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.19	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.17	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.17	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.22	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.15	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.27	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.17	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.83	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.30	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.31	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.13	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.22	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.97	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.93	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.90	PASS





Band4	5MHz	QPSK	20375	12RB#0	21.96	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.98	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.96	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.98	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.59	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.59	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.50	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.33	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.32	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.26	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.34	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.63	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.51	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.57	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.35	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.34	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.16	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.27	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.78	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.81	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.82	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.93	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.94	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.83	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.74	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.07	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.05	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.16	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.11	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.12	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.10	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.22	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.21	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.03	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.00	PASS





Band4	10MHz	QPSK	20175	25RB#0	22.20	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.24	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.15	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.17	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.98	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.92	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.93	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.97	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.95	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.82	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.91	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.05	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.03	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.08	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.15	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.14	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.26	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.27	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.09	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.03	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.91	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.27	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.28	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.06	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.60	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.53	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.59	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.04	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.98	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.95	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.93	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.15	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.06	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.07	PASS



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Scan code to check authenticity



Band4	15MHz	QPSK	20025	38RB#0	22.24	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.10	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.19	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.21	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.13	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.07	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.83	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.21	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.19	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.18	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.18	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.04	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.95	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.95	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.94	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.91	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.91	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.91	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.11	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.03	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.03	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.10	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.15	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.21	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.23	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.05	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.95	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.91	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.20	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.19	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.18	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.22	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.25	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.19	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.15	PASS





Band4	15MHz	16QAM	20325	38RB#0	21.92	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.91	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.91	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.98	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.33	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.29	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.31	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.25	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.08	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.09	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.17	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.49	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.33	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.21	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.14	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.31	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.06	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.18	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.33	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.09	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.07	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.91	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.09	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.94	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.02	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.25	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.21	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.14	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.32	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.26	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.26	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.24	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.10	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.01	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.83	PASS



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Scan code to check authenticity



Band4	20MHz	16QAM	20175	50RB#0	21.38	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.39	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.21	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.26	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.38	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.18	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.12	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.01	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.08	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.02	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.04	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.96	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.40	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.62	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.73	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.12	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.25	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.03	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.45	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.51	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.85	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.30	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.41	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.08	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.45	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.50	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.78	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.17	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.32	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.25	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.50	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.46	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.24	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.29	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.60	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.77	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.89	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.16	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.31	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.48	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.46	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.54	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.20	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.22	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.28	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.84	13	PASS



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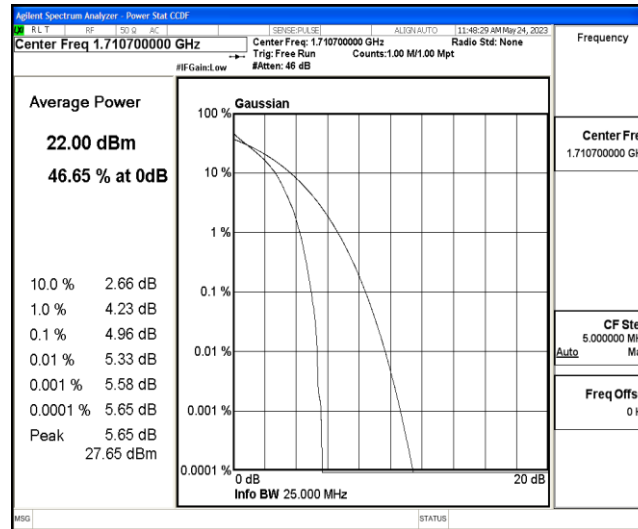
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

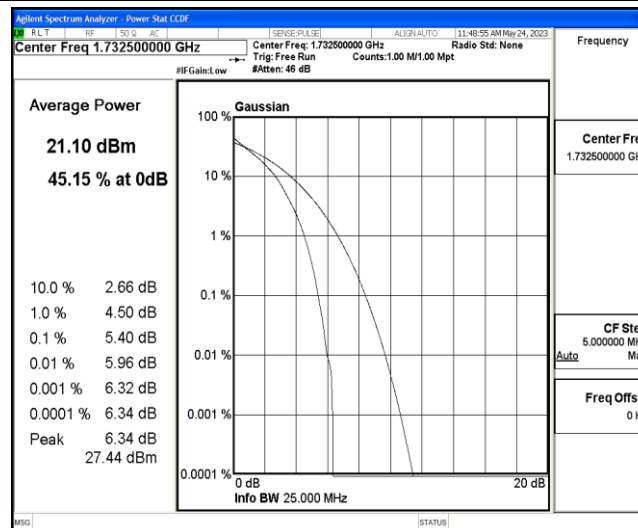


Test Graphs

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



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



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

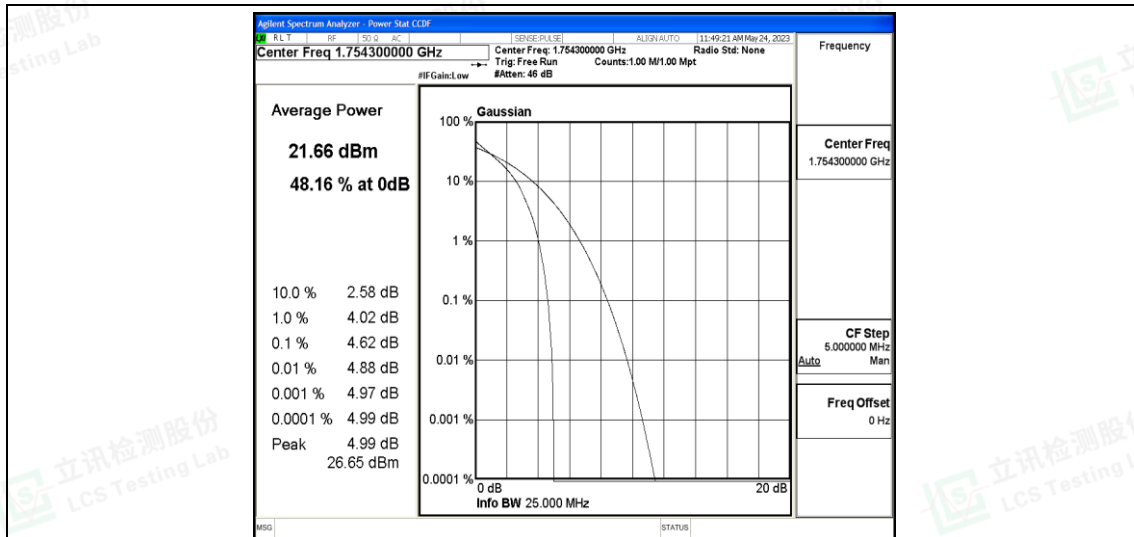


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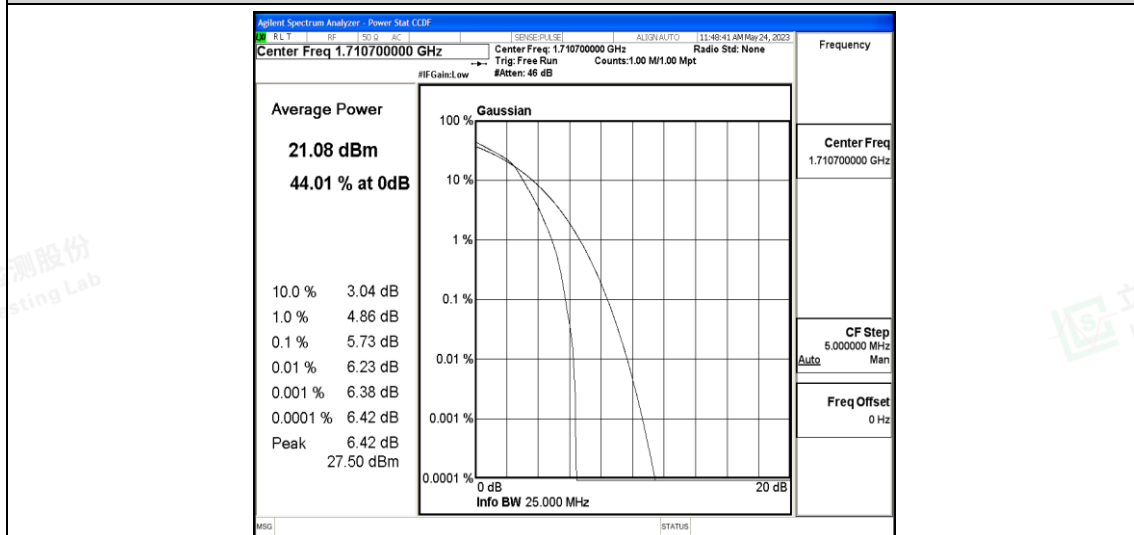
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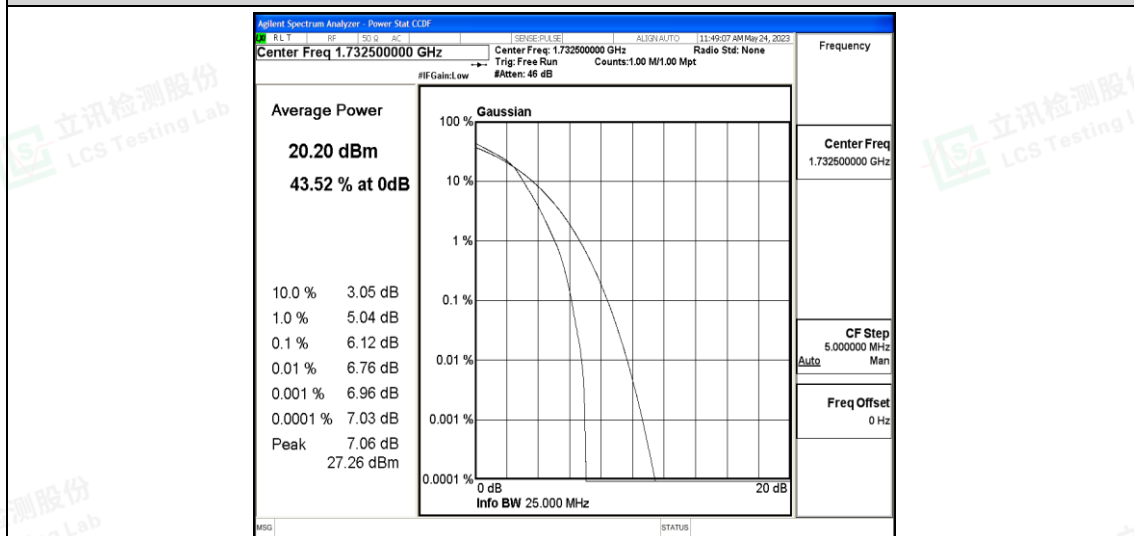
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Band4-1.4MHz-16QAM-19957-6RB#0



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



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

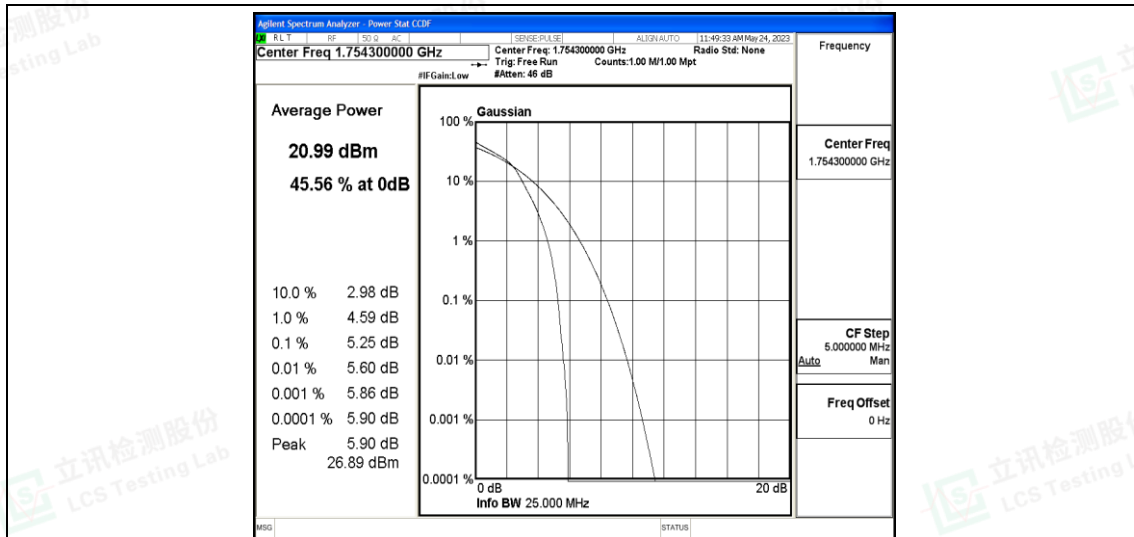


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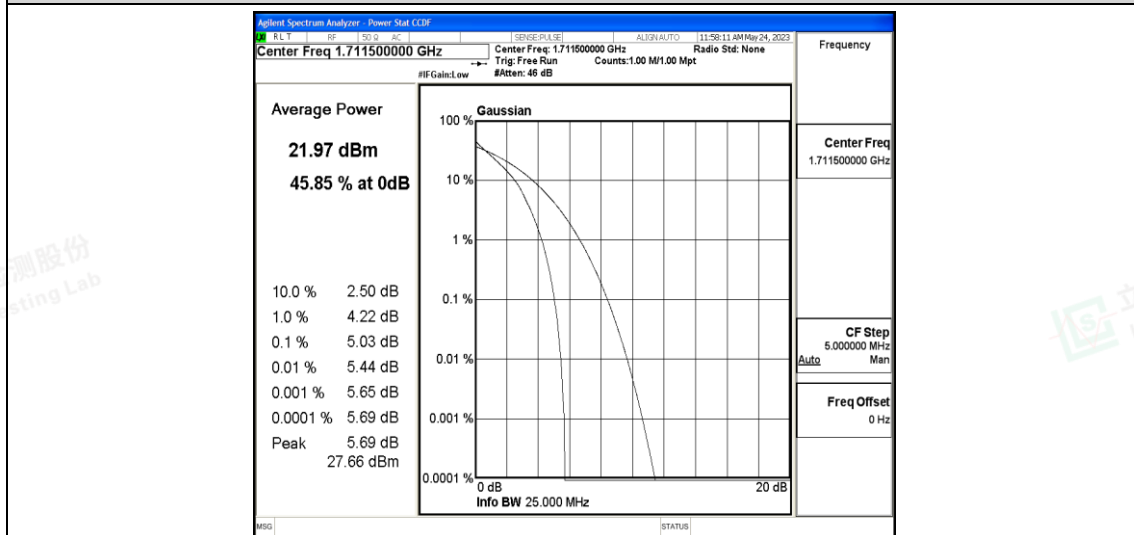
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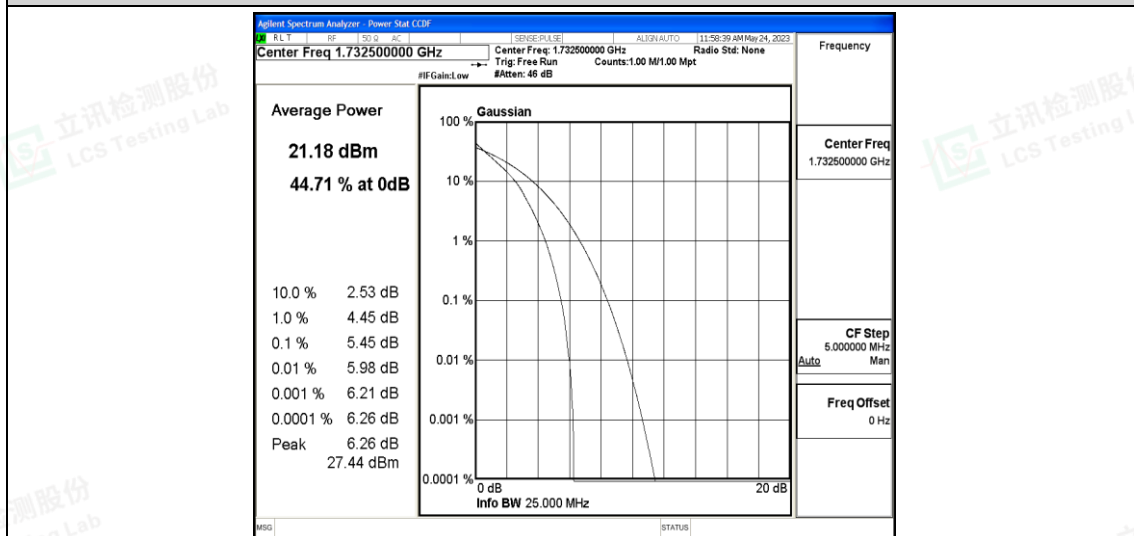
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Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20175-15RB#0



Band4-3MHz-QPSK-20385-15RB#0

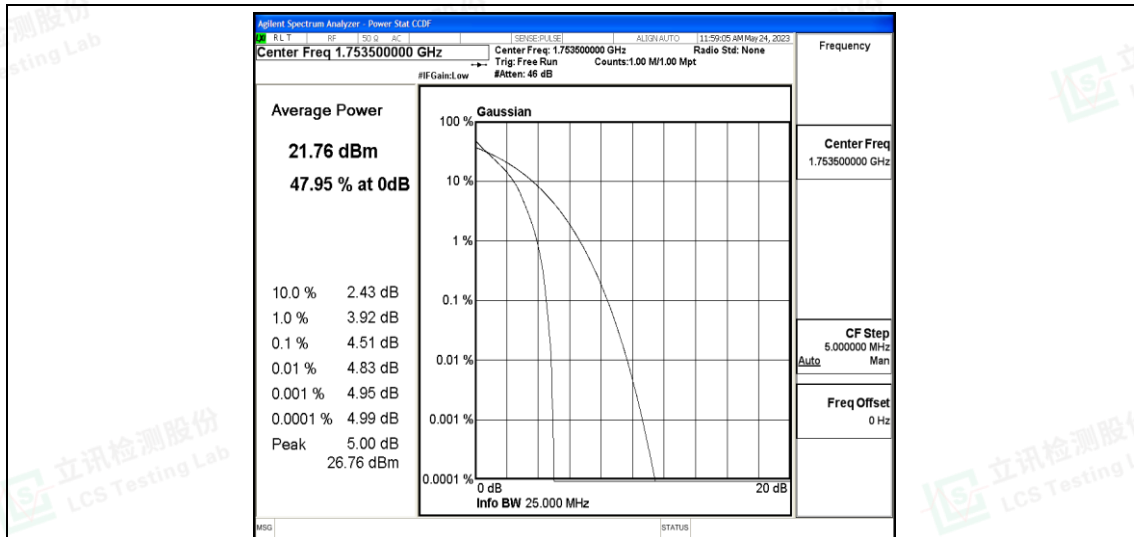


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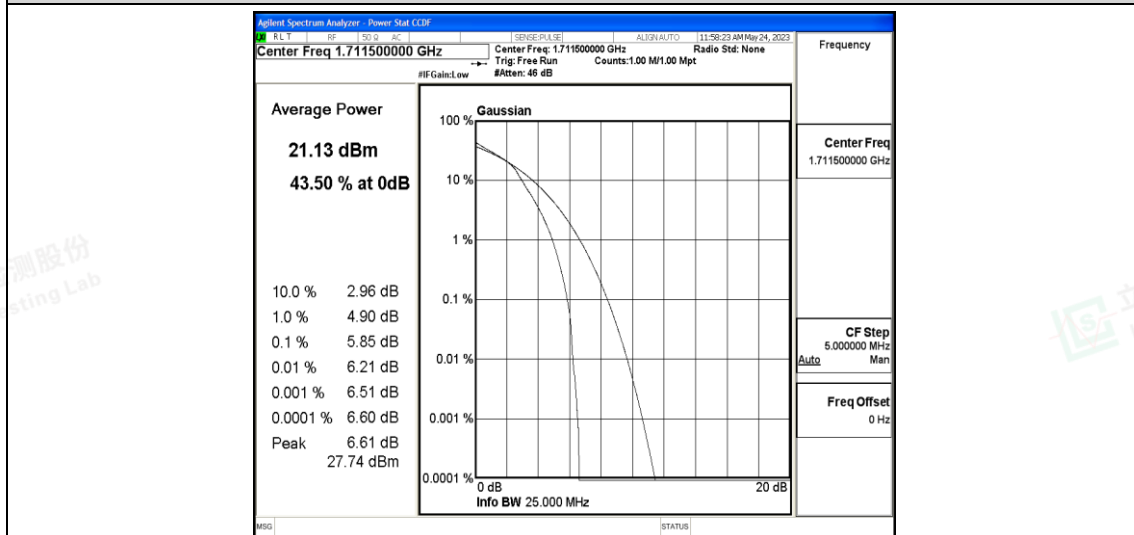
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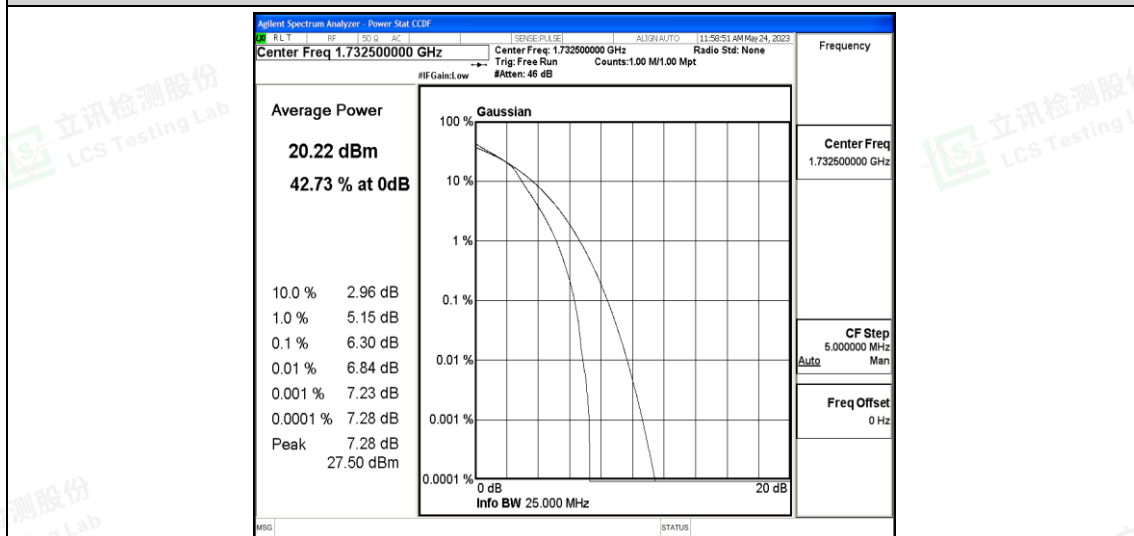
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Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20175-15RB#0



Band4-3MHz-16QAM-20385-15RB#0

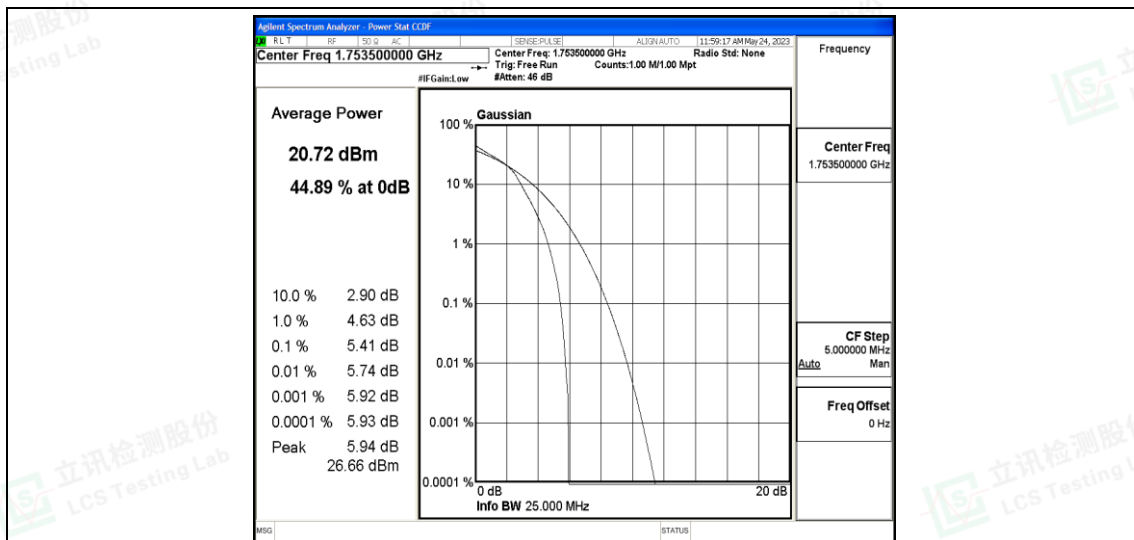


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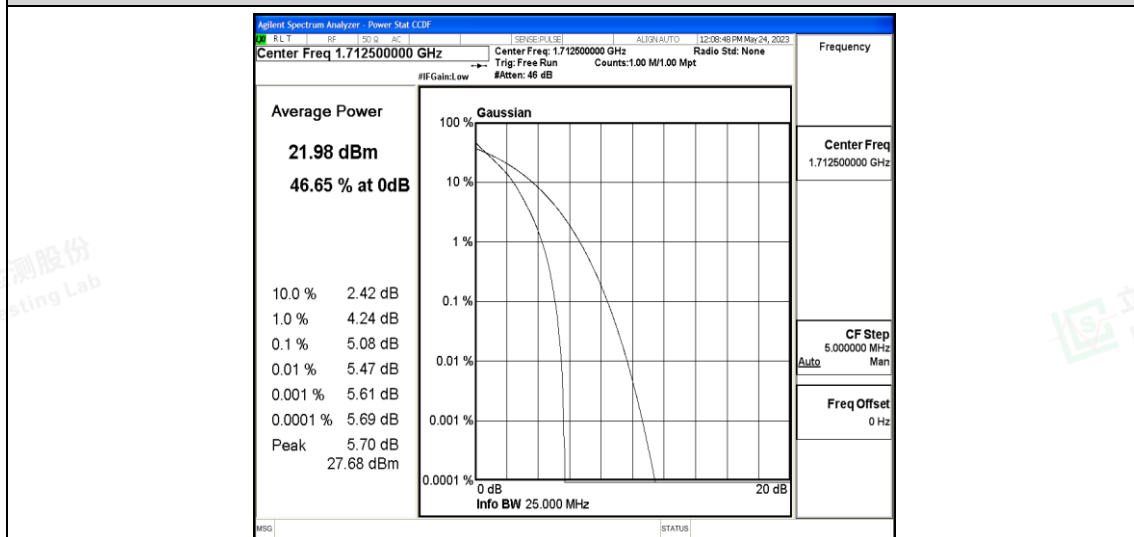
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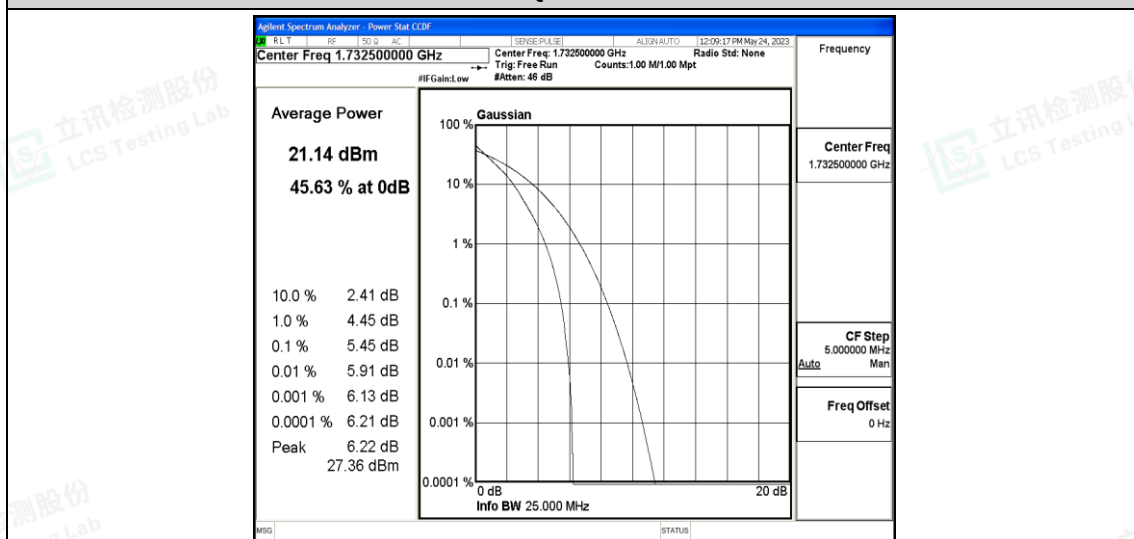
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Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20175-25RB#0



Band4-5MHz-QPSK-20375-25RB#0

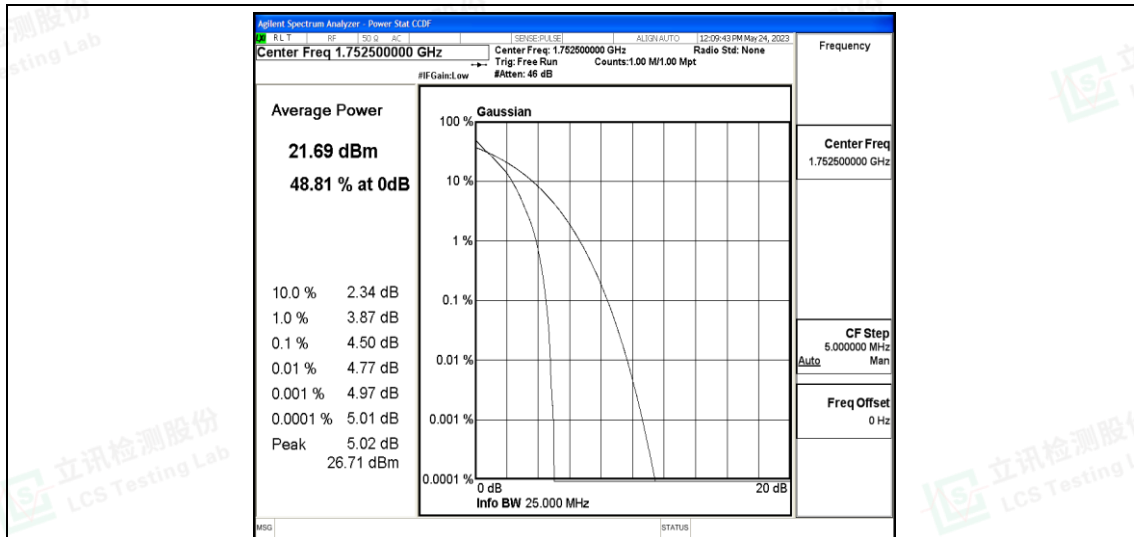


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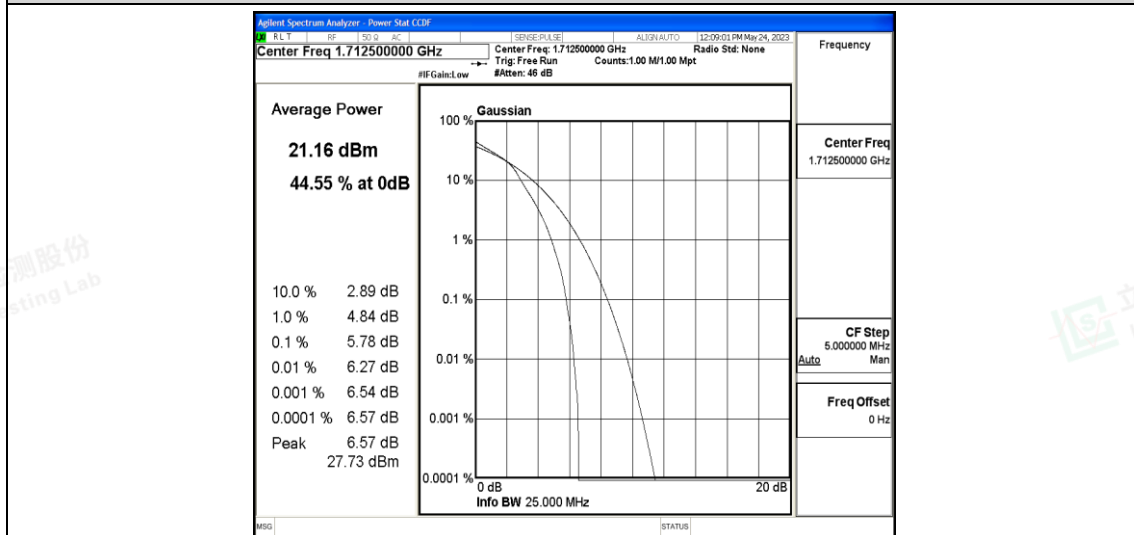
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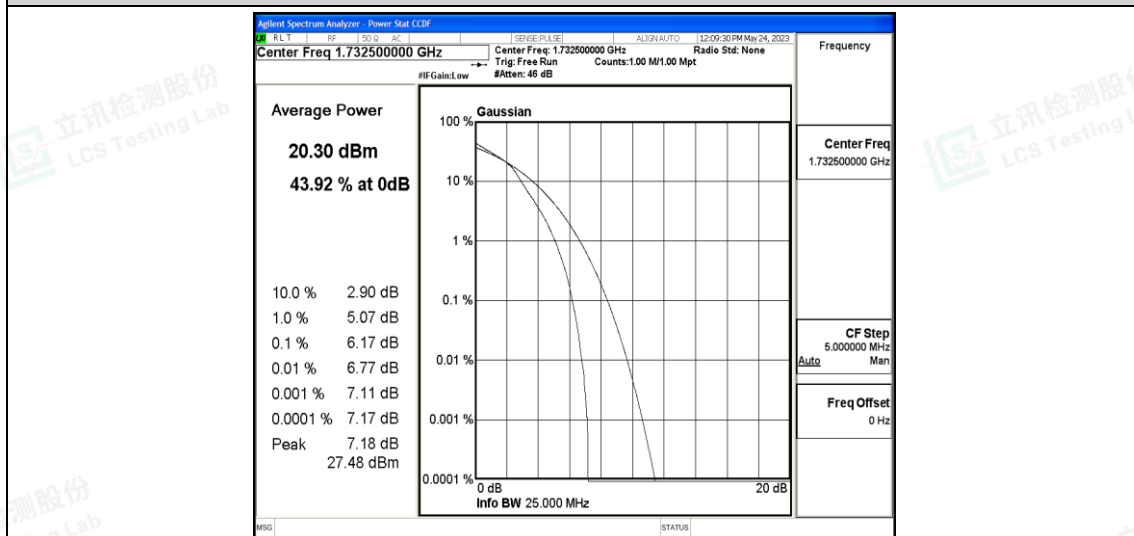
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Band4-5MHz-16QAM-19975-25RB#0



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



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

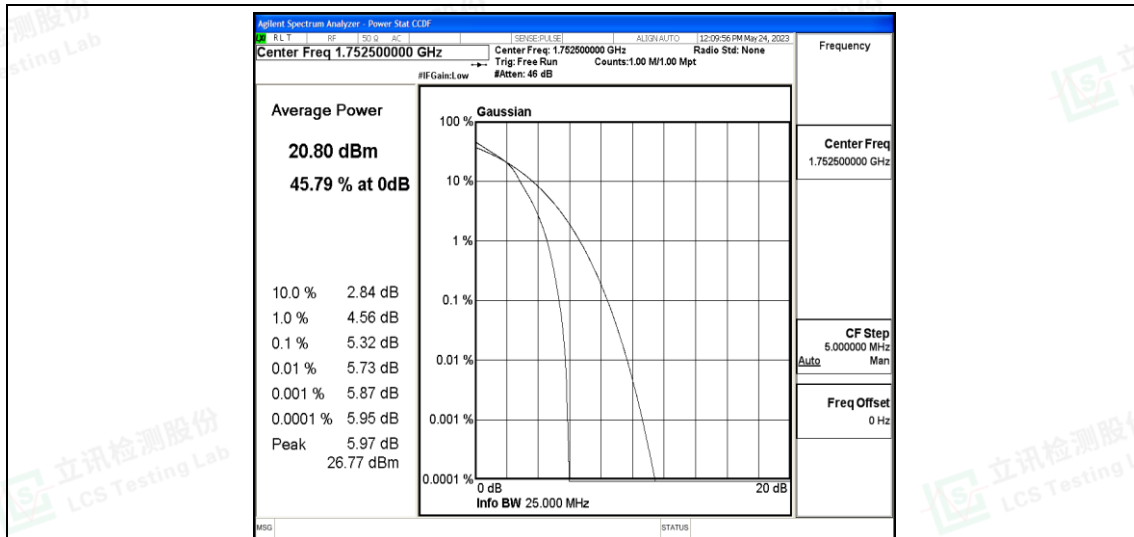


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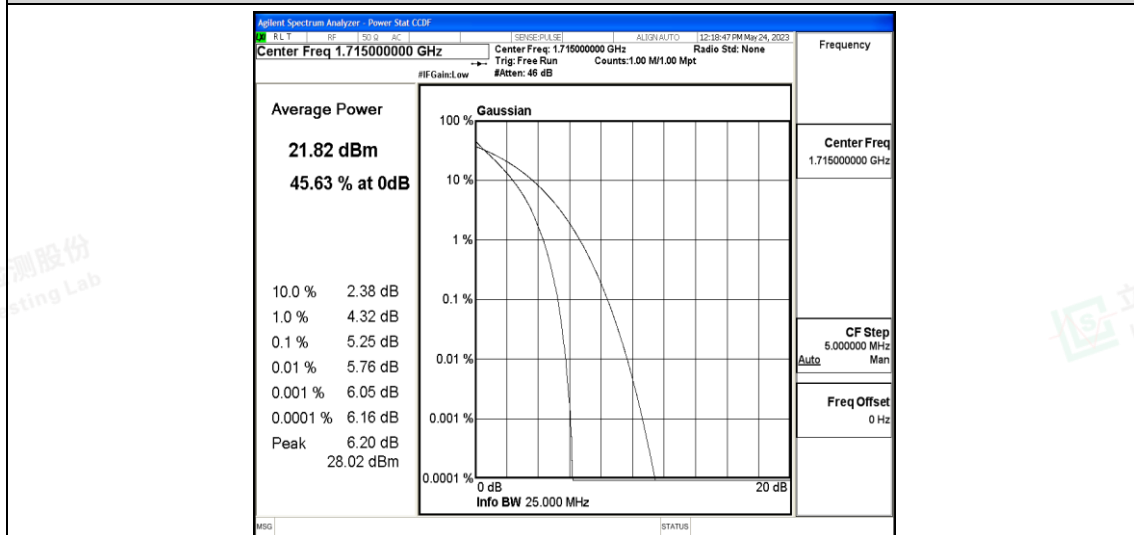
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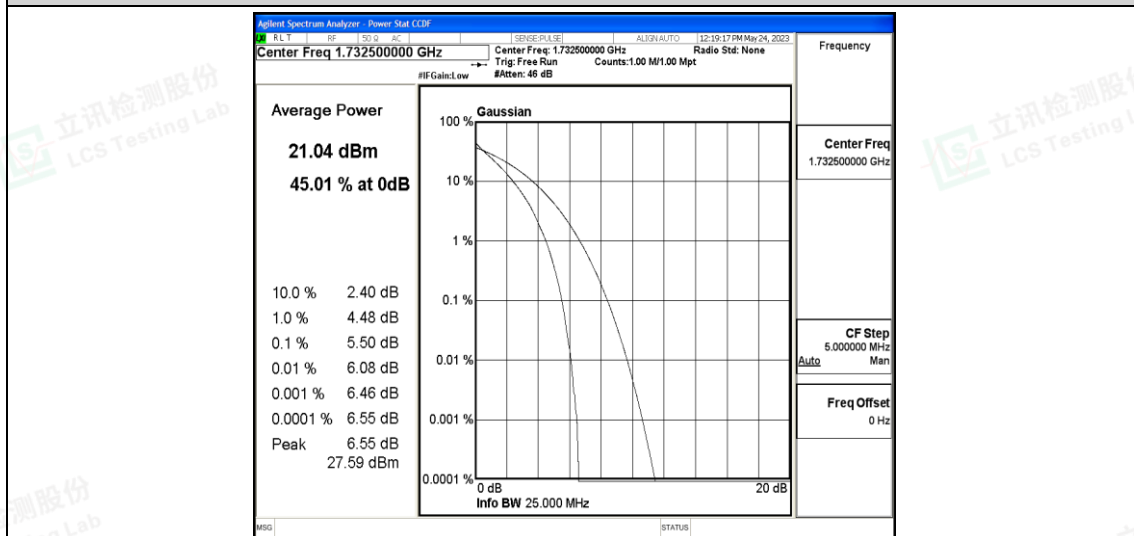
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Band4-10MHz-QPSK-20000-50RB#0



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



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

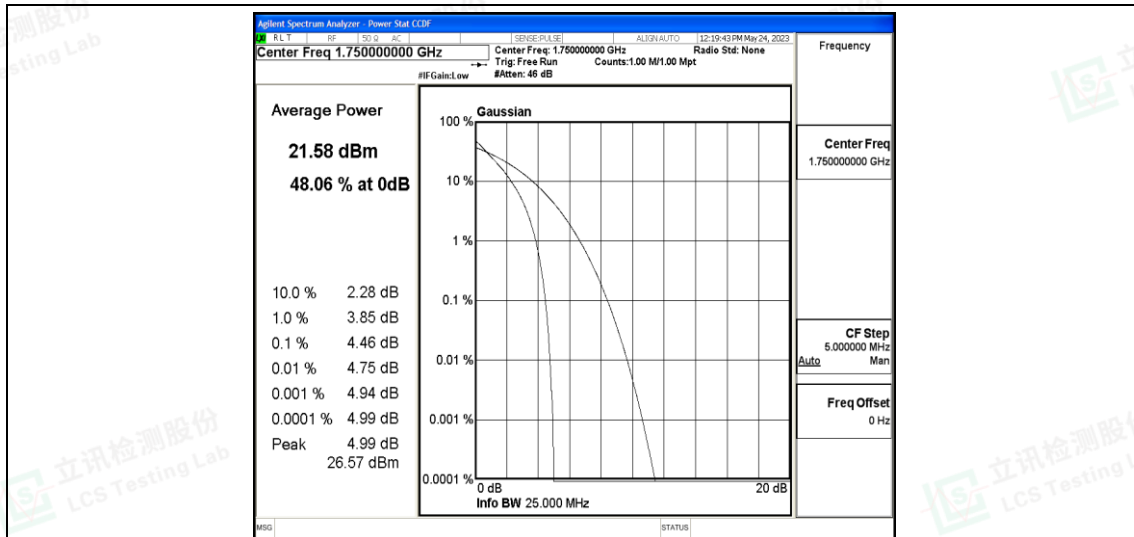


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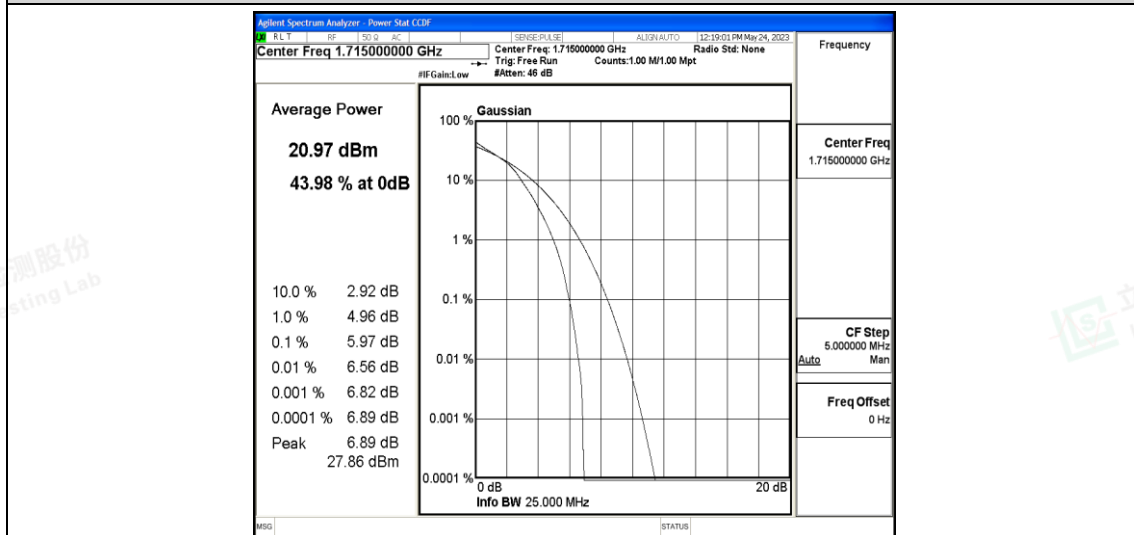
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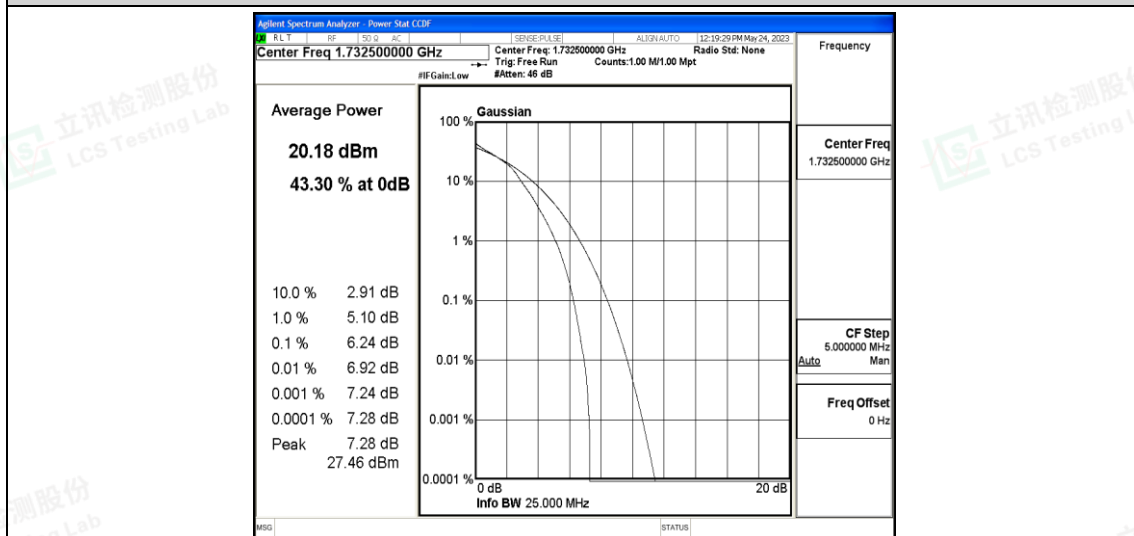
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Band4-10MHz-16QAM-20350-50RB#0

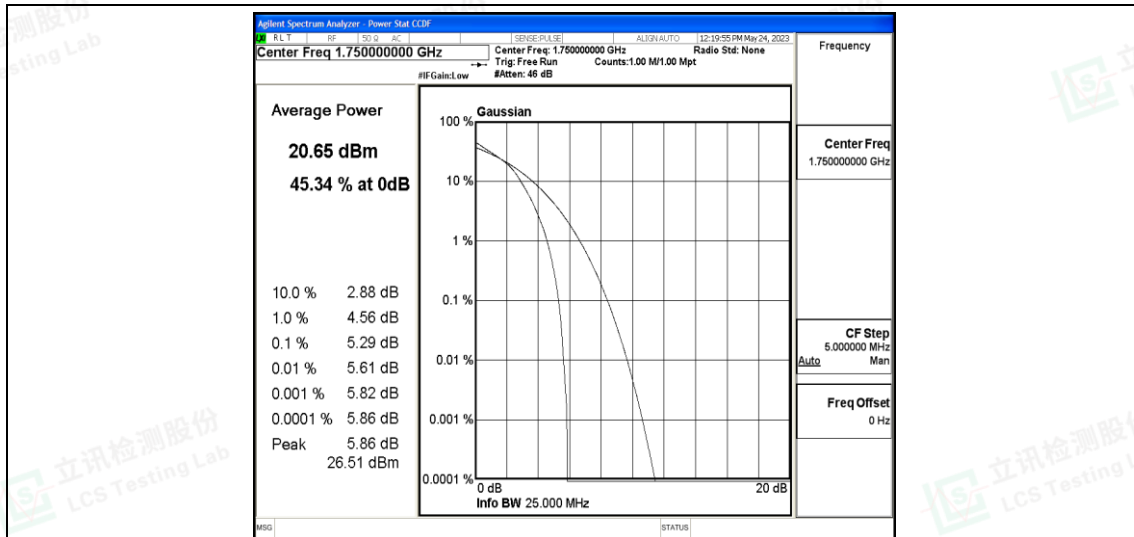


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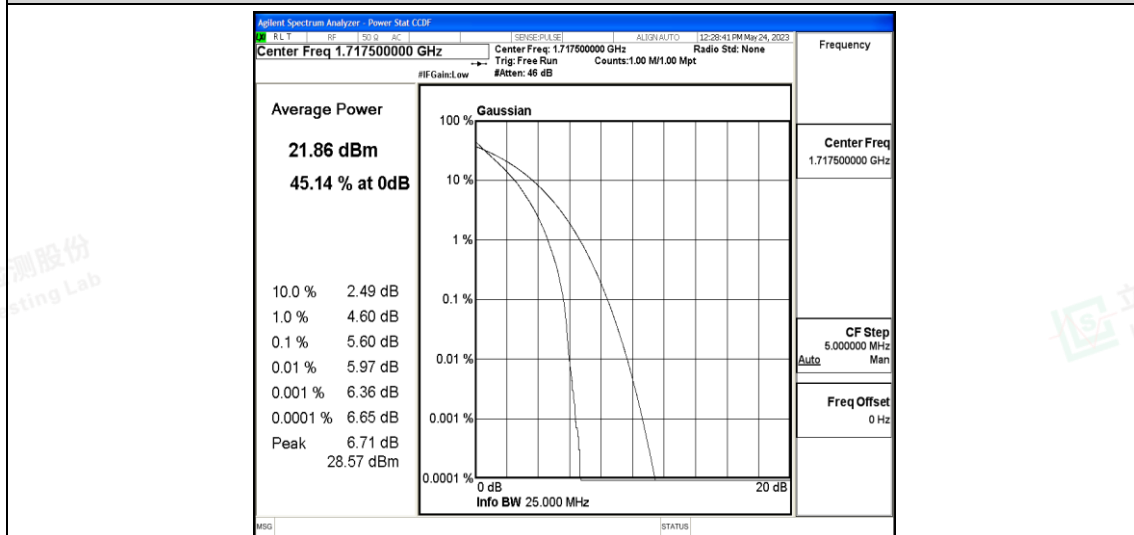
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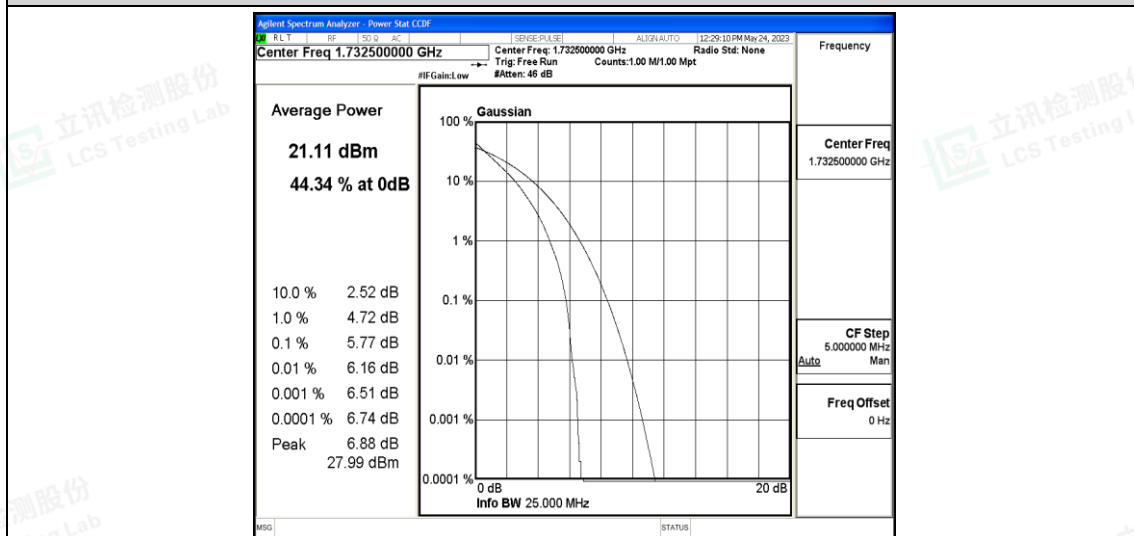
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Band4-15MHz-QPSK-20025-75RB#0



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



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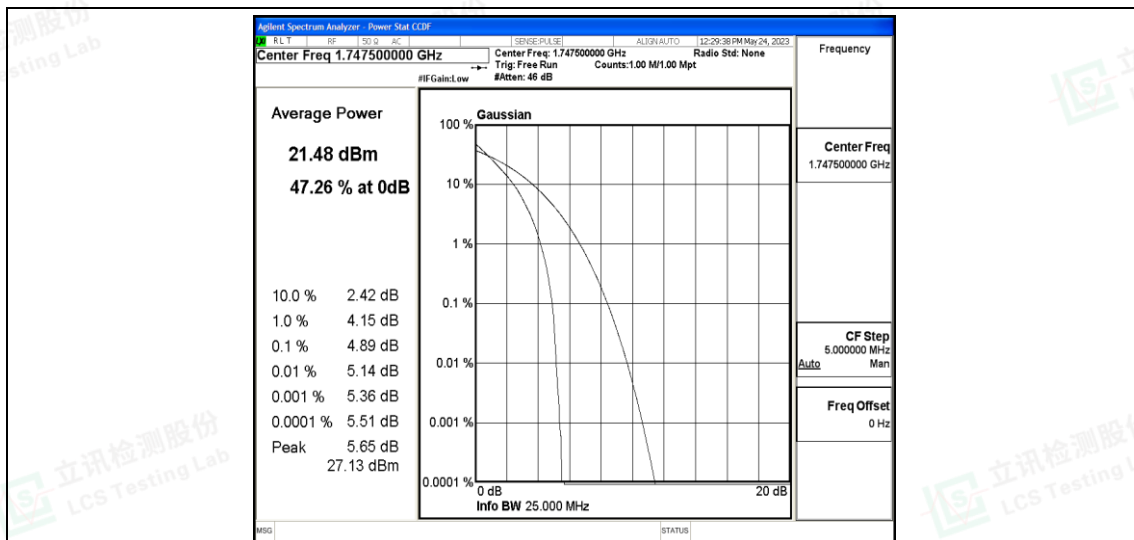


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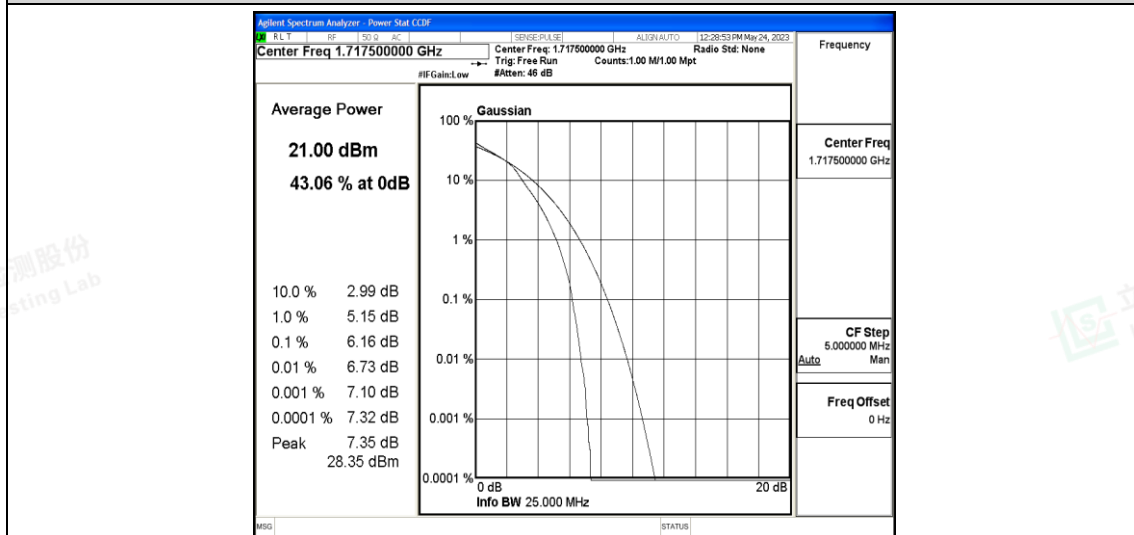
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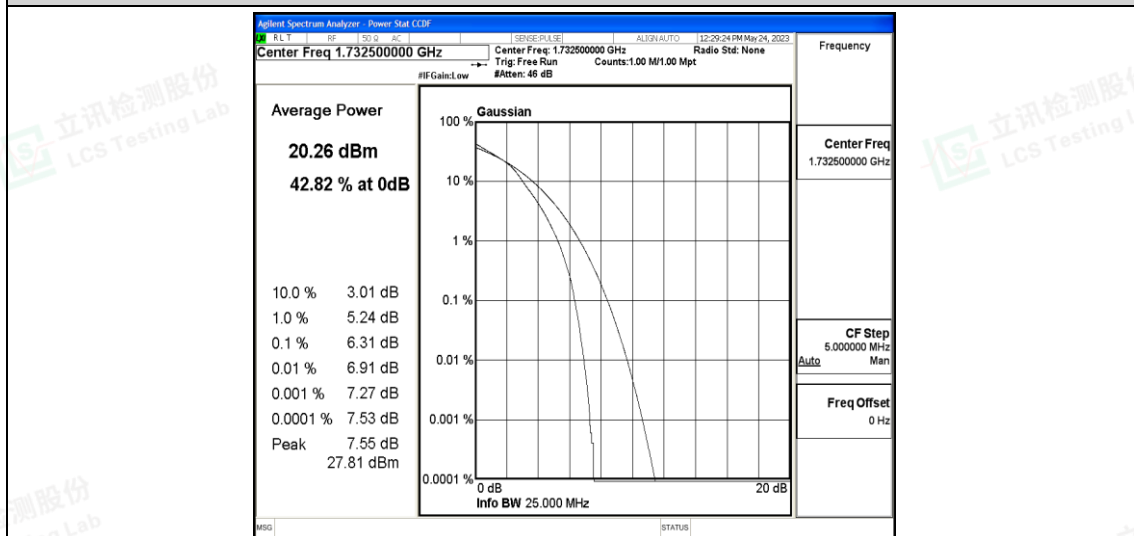
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Band4-15MHz-16QAM-20025-75RB#0



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



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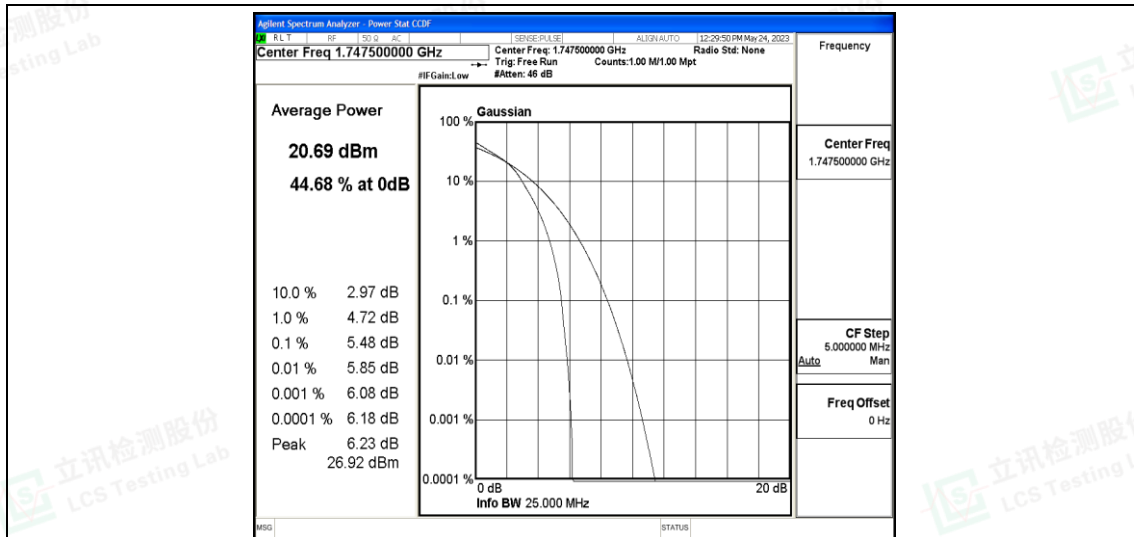


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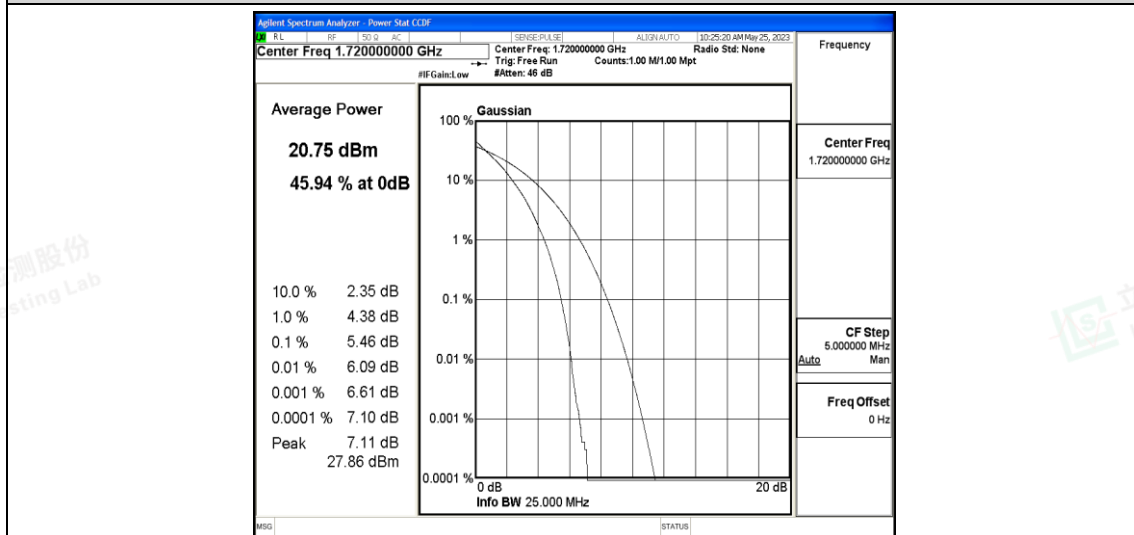
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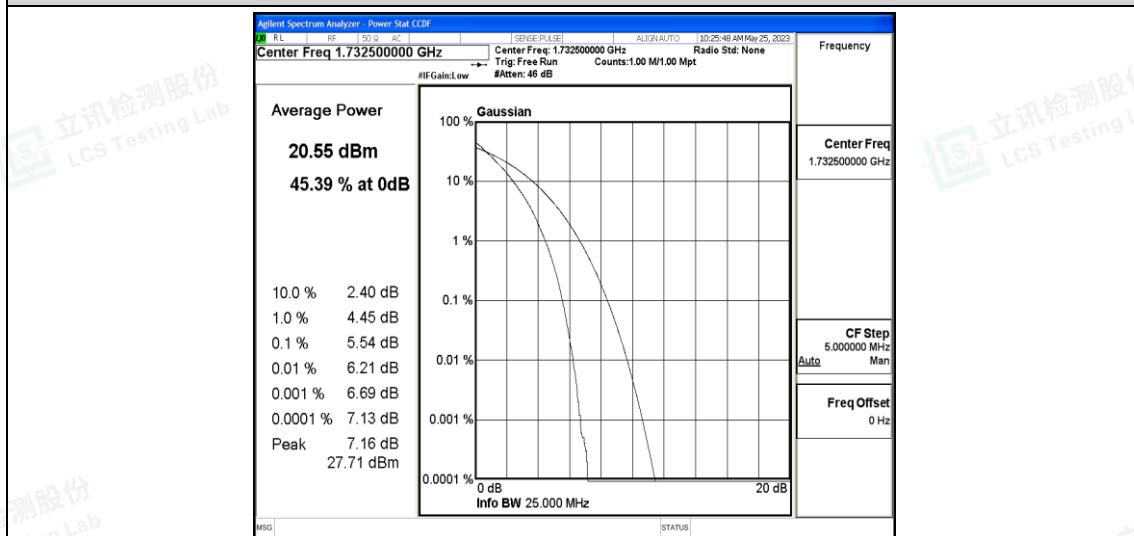
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Band4-20MHz-QPSK-20050-100RB#0



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



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

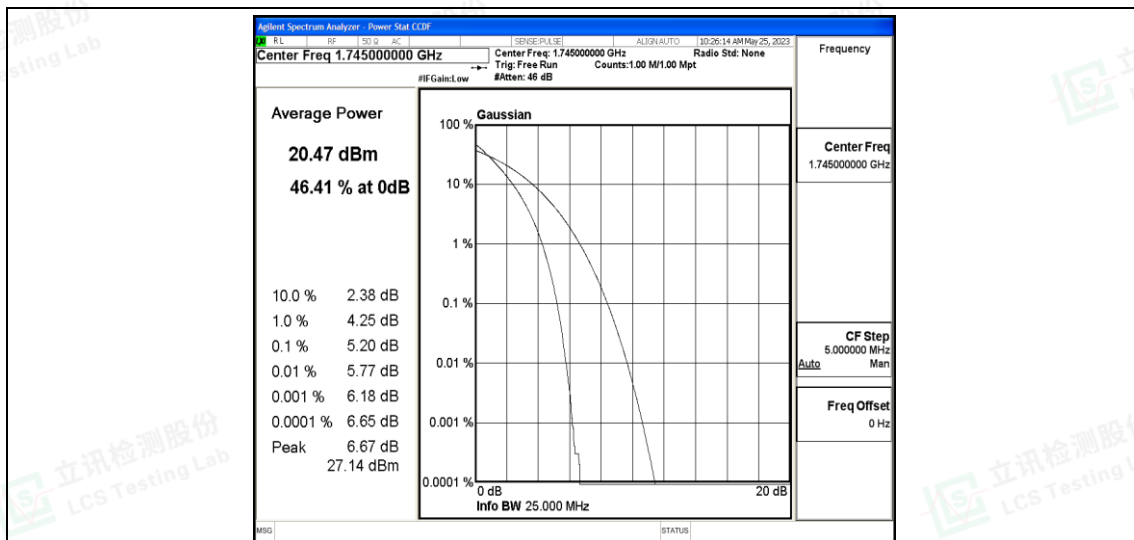


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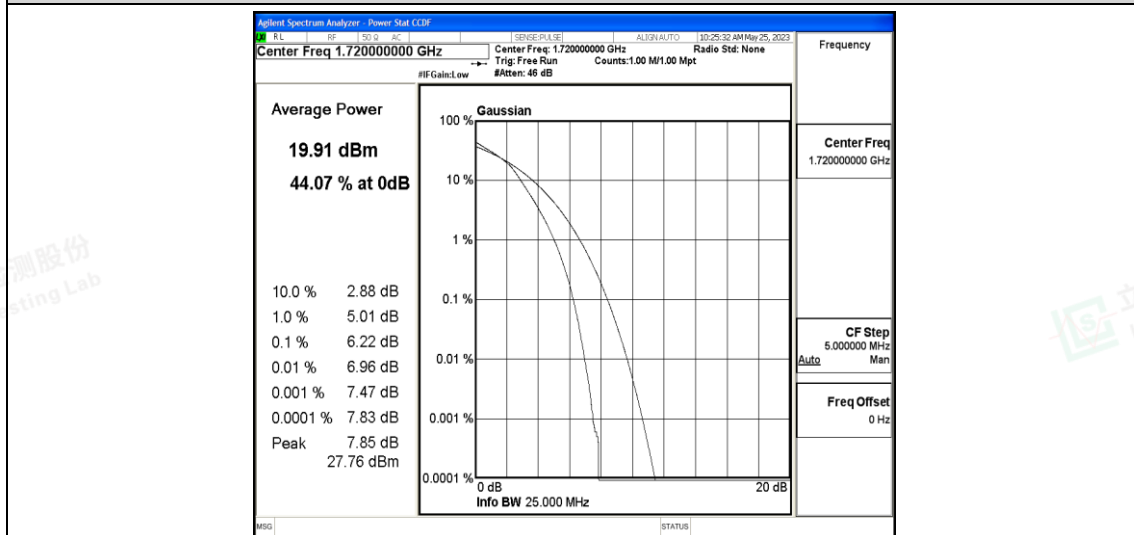
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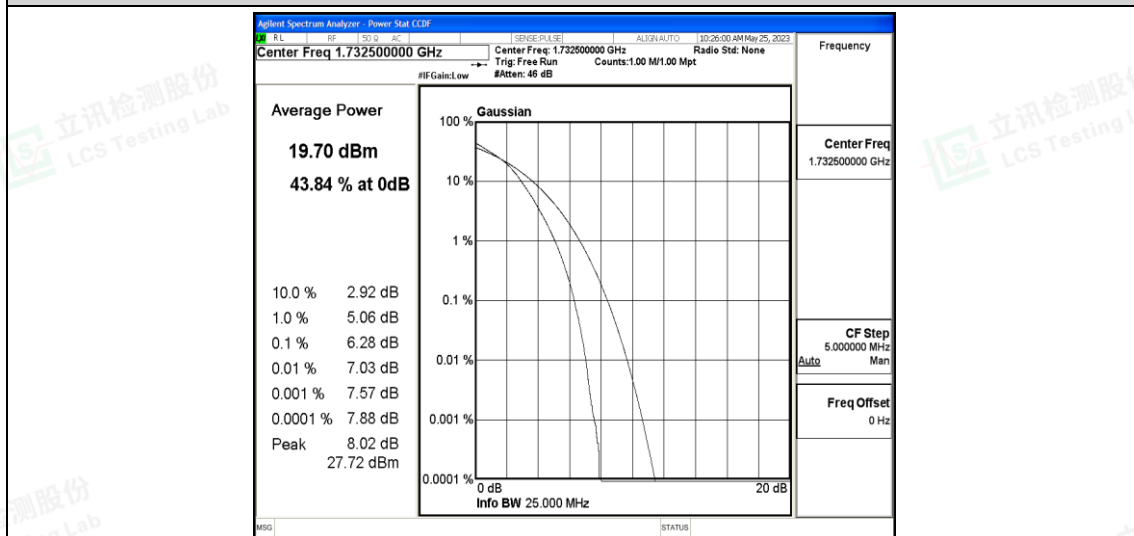
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Band4-20MHz-16QAM-20050-100RB#0



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



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

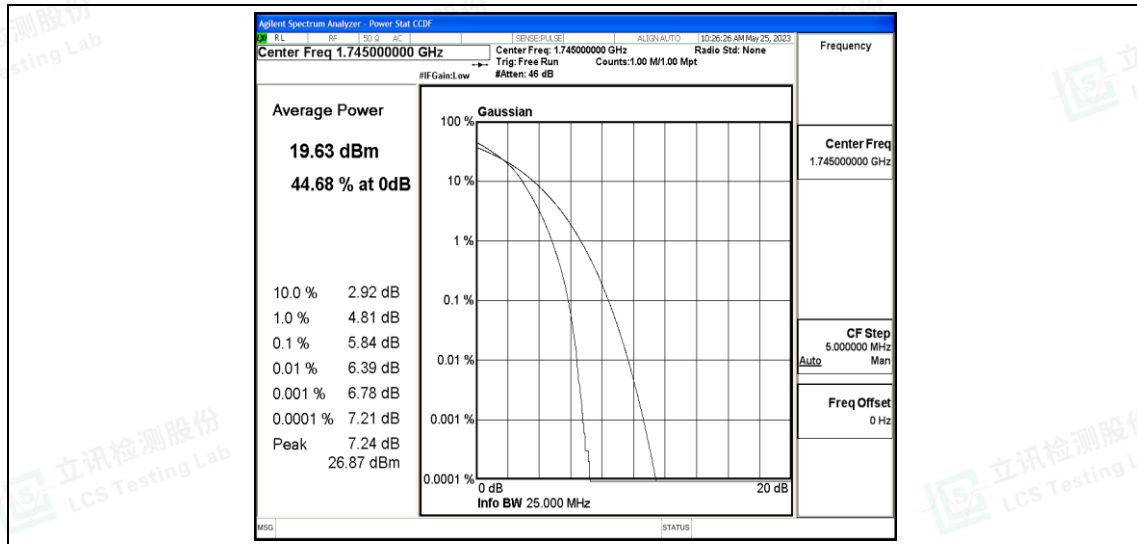


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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0884	1.248	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0876	1.246	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1002	1.249	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1012	1.243	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1057	1.242	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0995	1.241	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7181	3.022	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7039	3.015	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7093	3.038	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7036	3.019	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7107	3.030	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7116	3.037	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5159	4.984	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5210	4.980	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5015	5.001	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5080	4.972	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5062	4.970	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5219	5.000	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9964	9.938	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9910	9.918	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0043	9.915	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9843	9.936	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0004	9.918	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0106	9.887	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.501	14.88	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.520	14.99	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.505	15.04	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.467	14.94	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.496	14.91	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.519	14.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.973	19.53	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.019	19.66	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.055	19.88	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.019	19.76	PASS



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Band4	20MHz	16QAM	20175	100RB#0	18.087	19.70	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.040	19.87	PASS

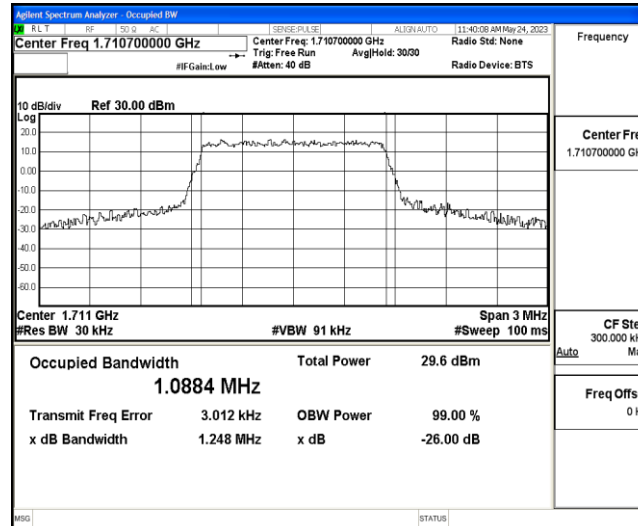


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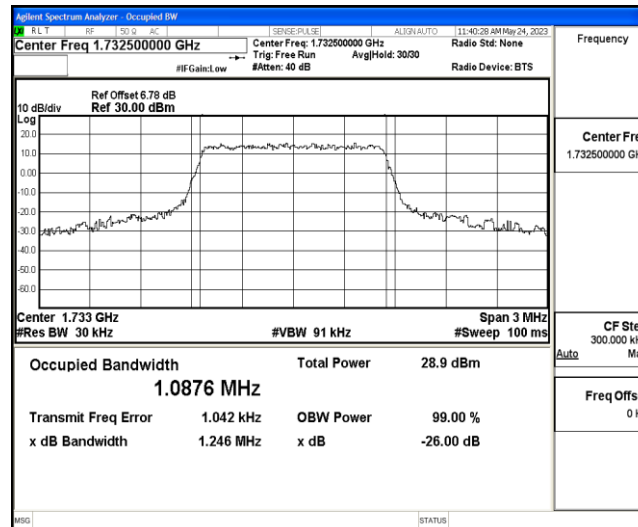


Test Graphs

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

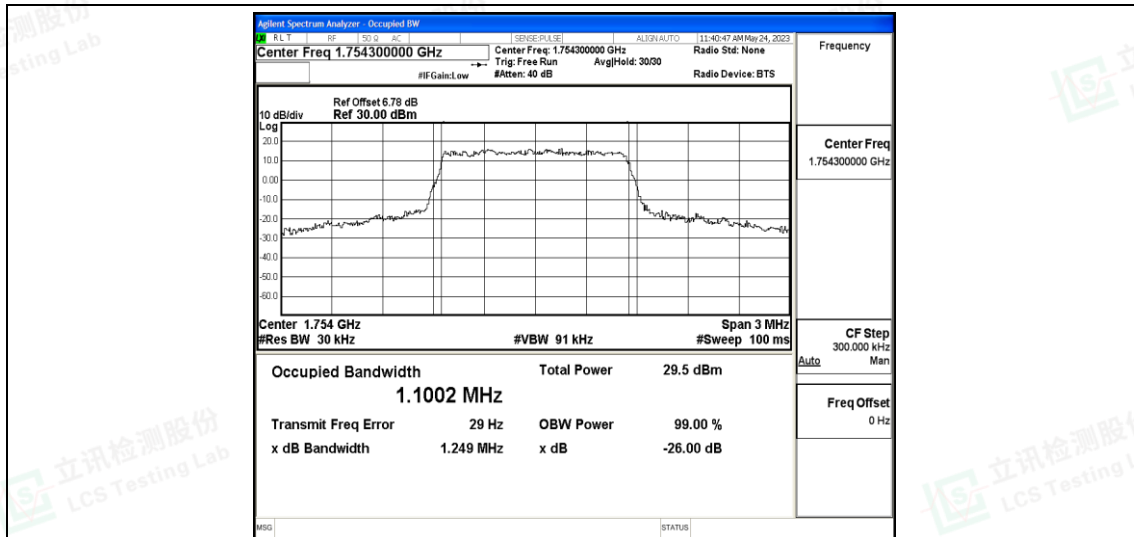


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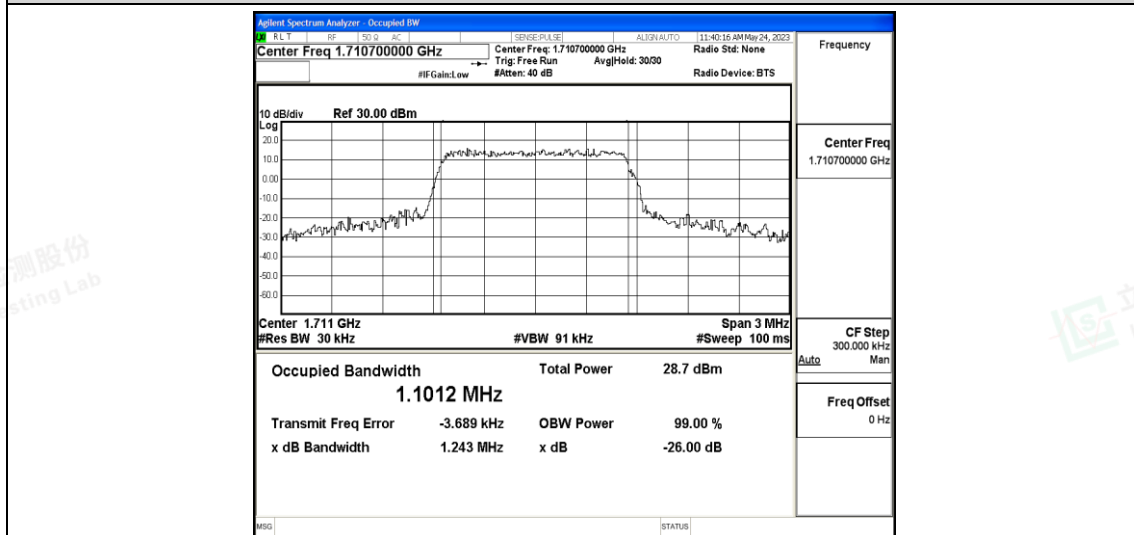


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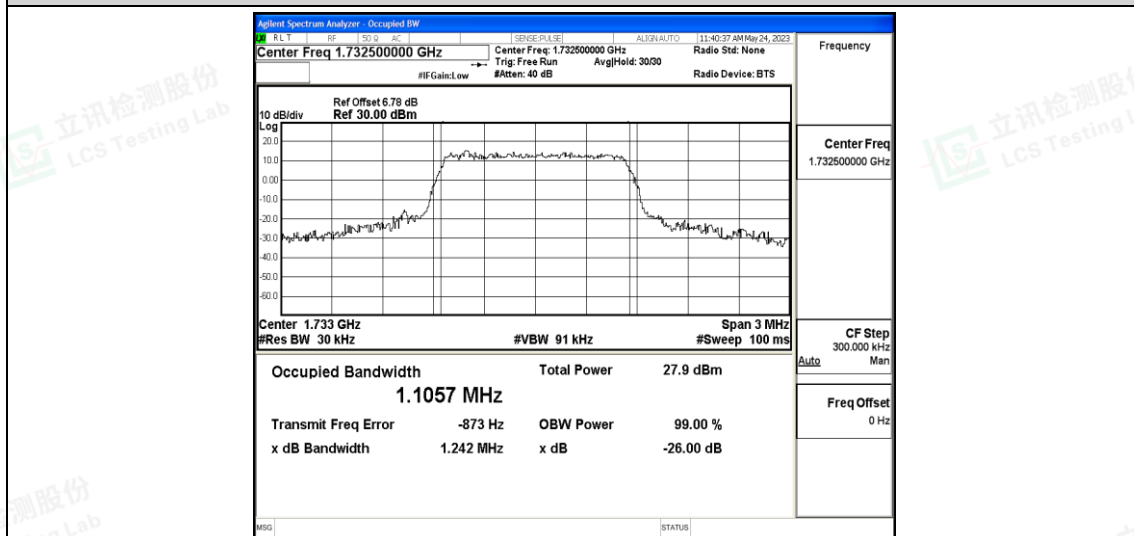




Band4-1.4MHz-16QAM-19957-6RB#0



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



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

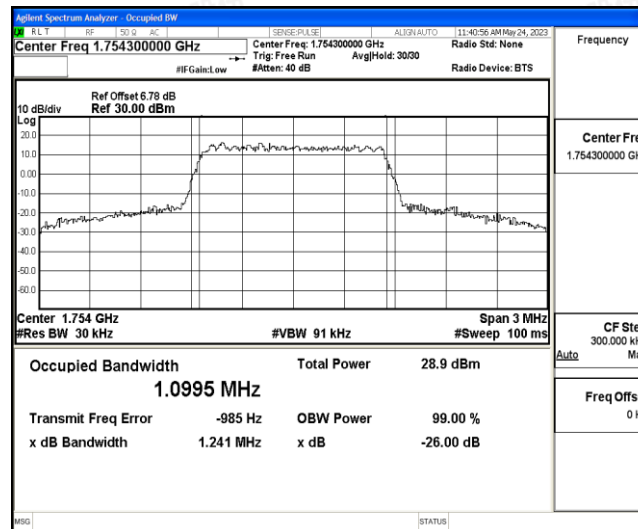


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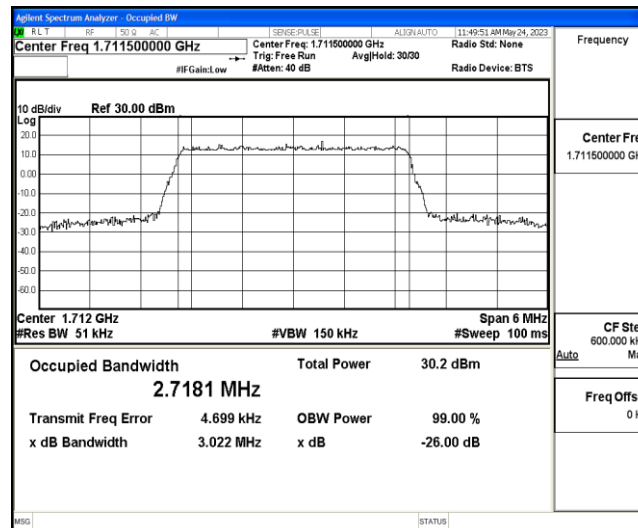
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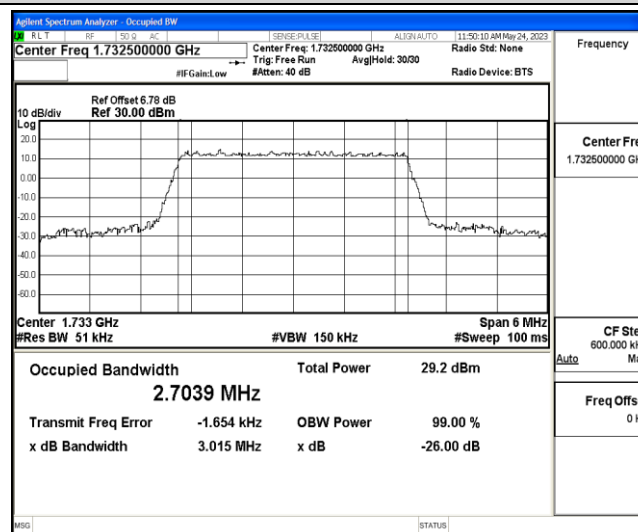
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Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20175-15RB#0



Band4-3MHz-QPSK-20385-15RB#0

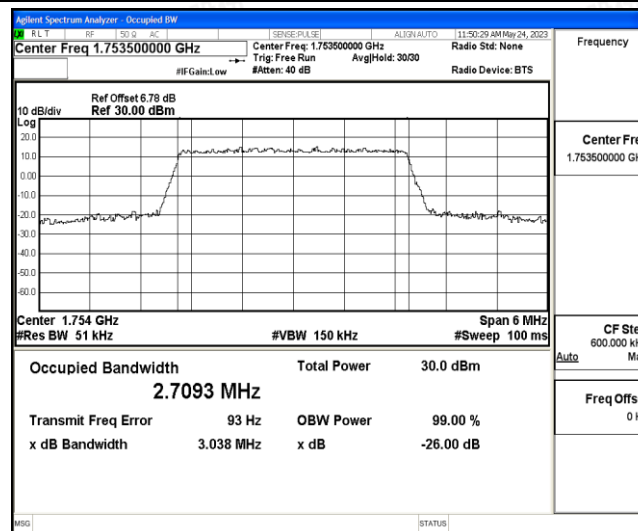


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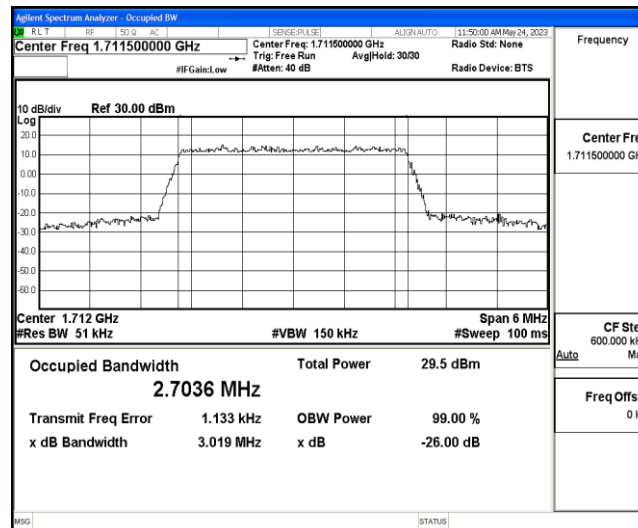
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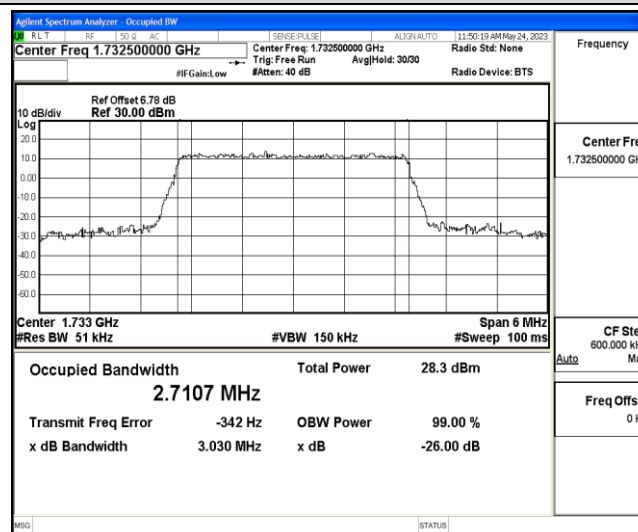
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Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20175-15RB#0



Band4-3MHz-16QAM-20385-15RB#0

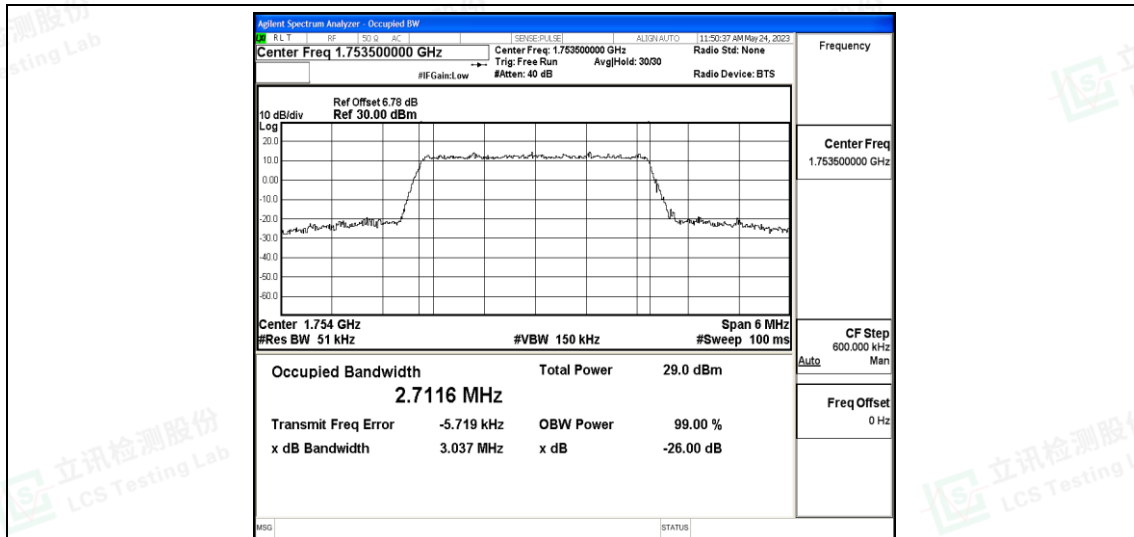


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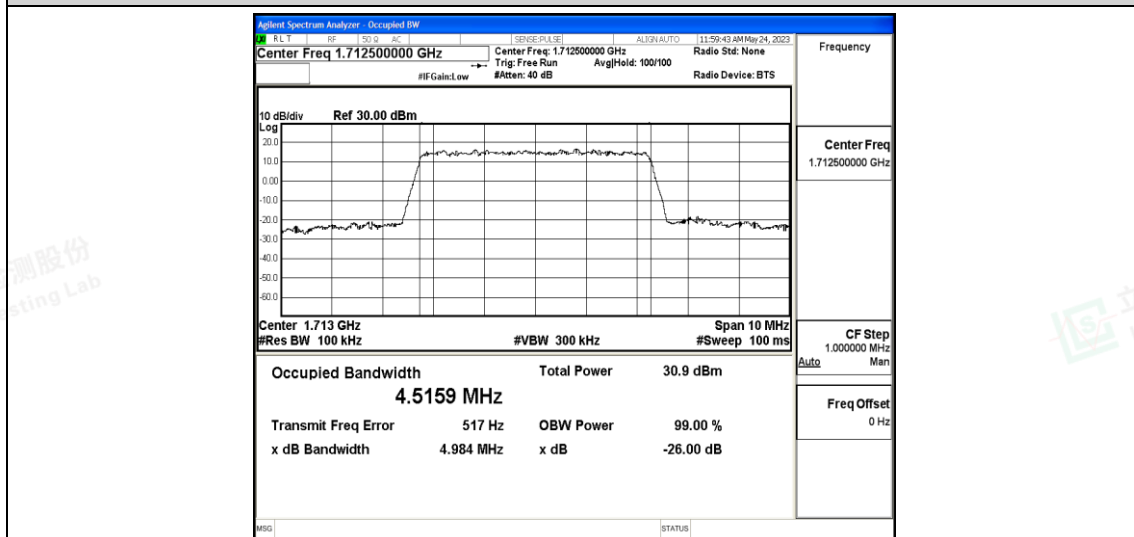
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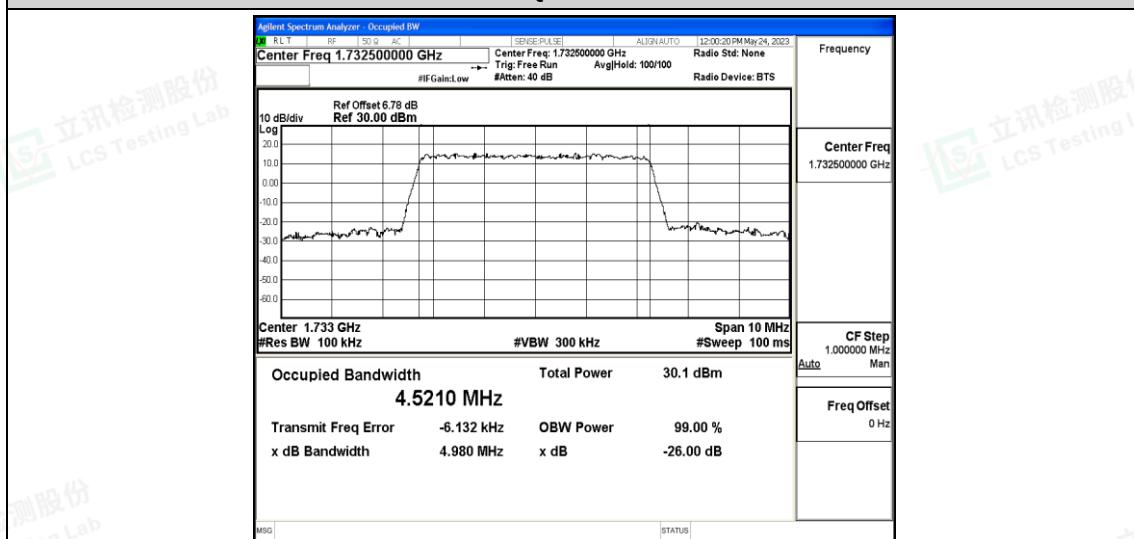
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Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20175-25RB#0



Band4-5MHz-QPSK-20375-25RB#0

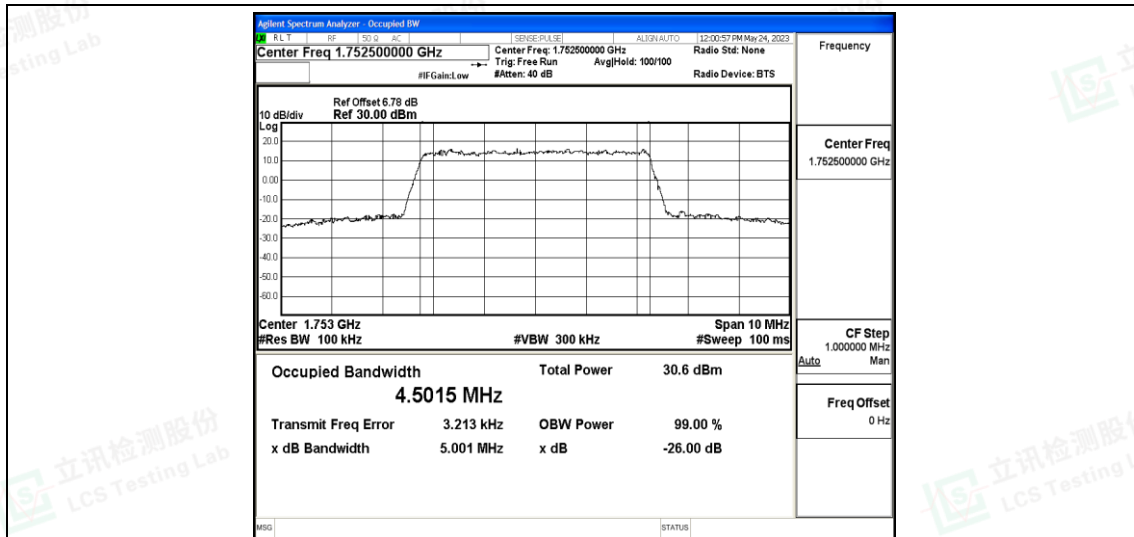


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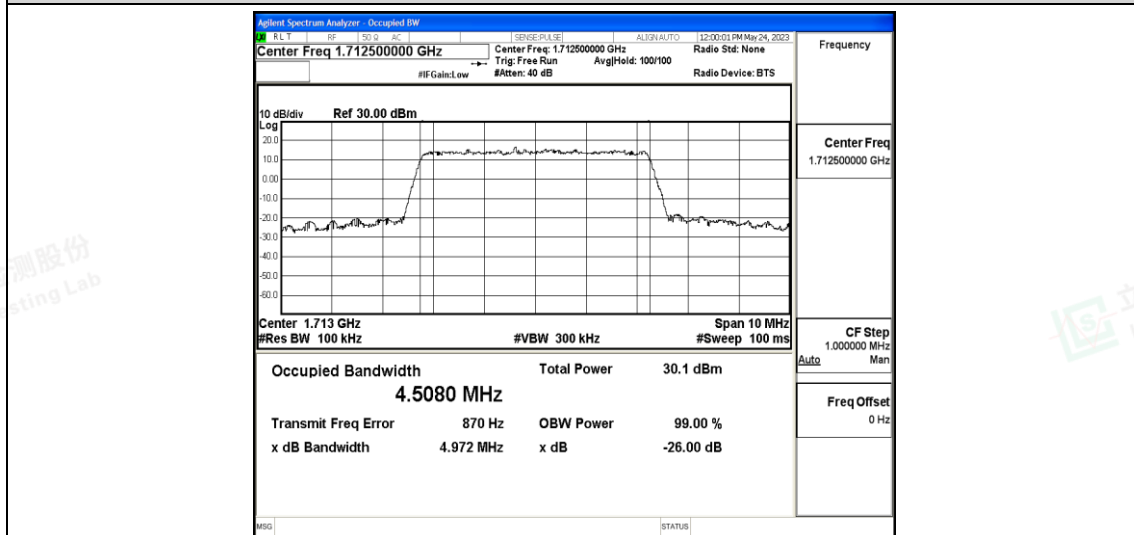
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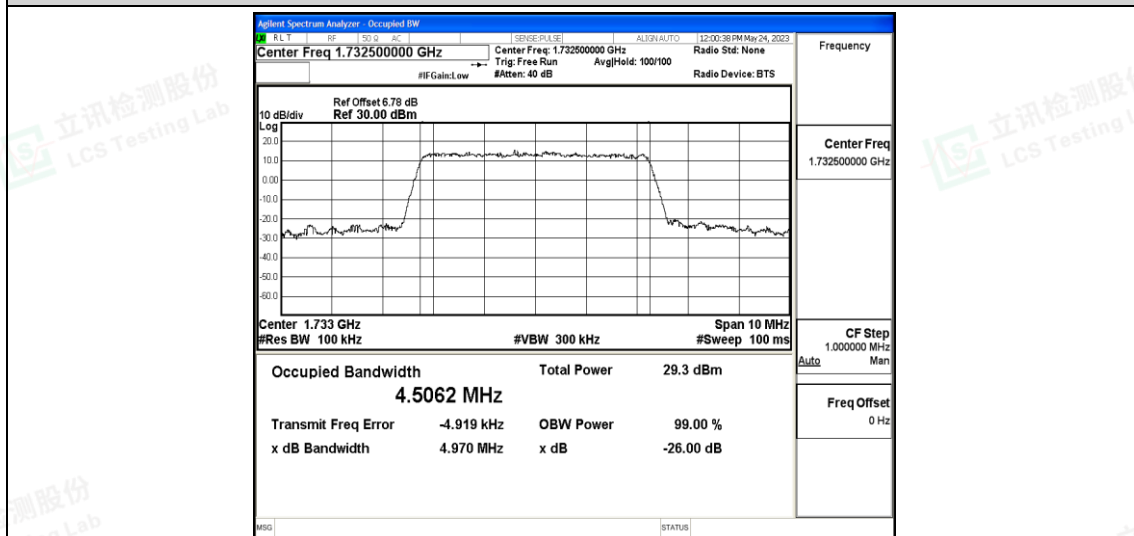
Scan code to check authenticity



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



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



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

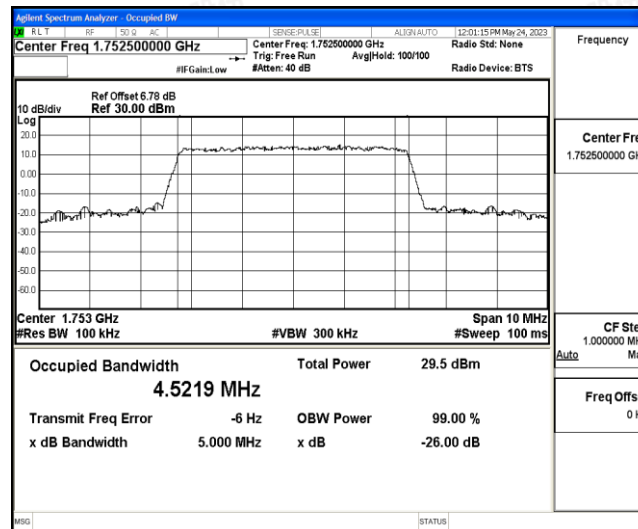


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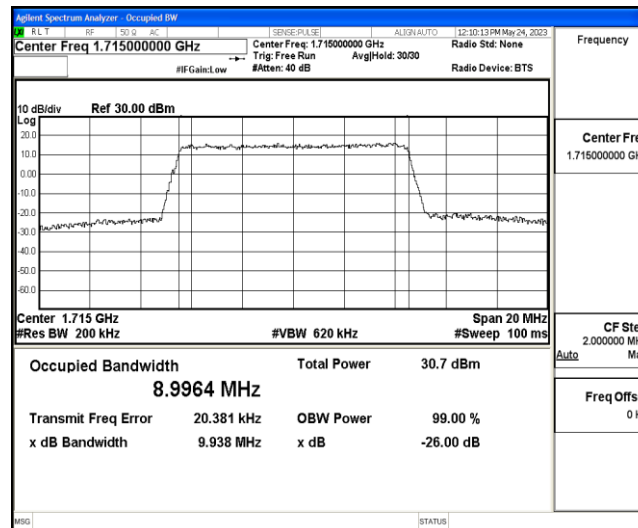
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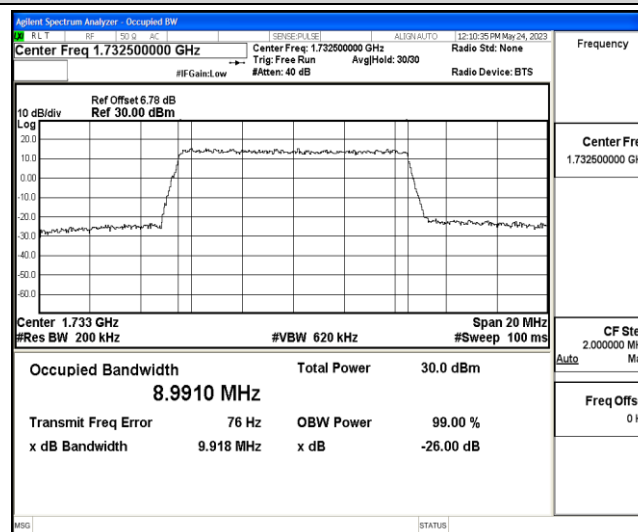
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Band4-10MHz-QPSK-20350-50RB#0

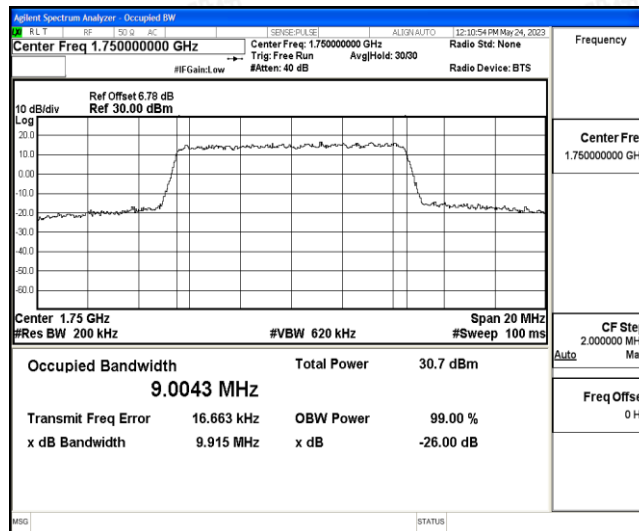


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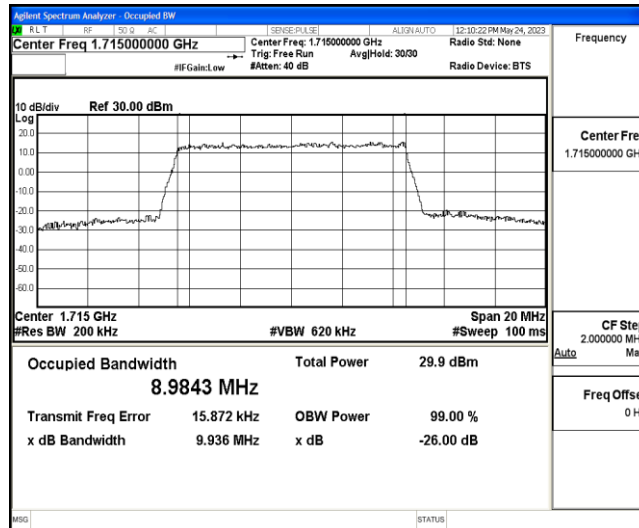
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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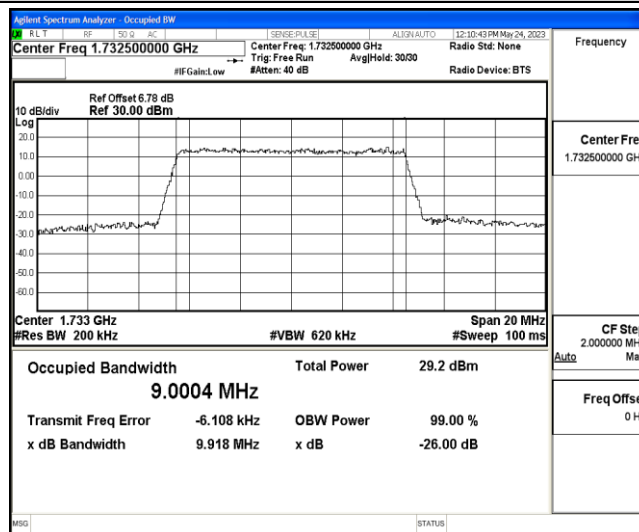
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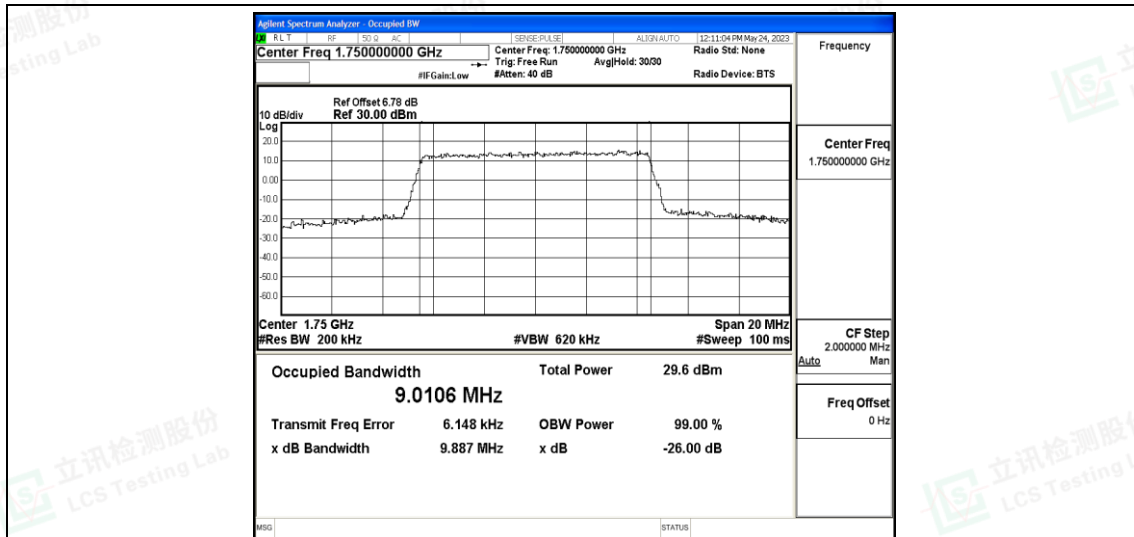


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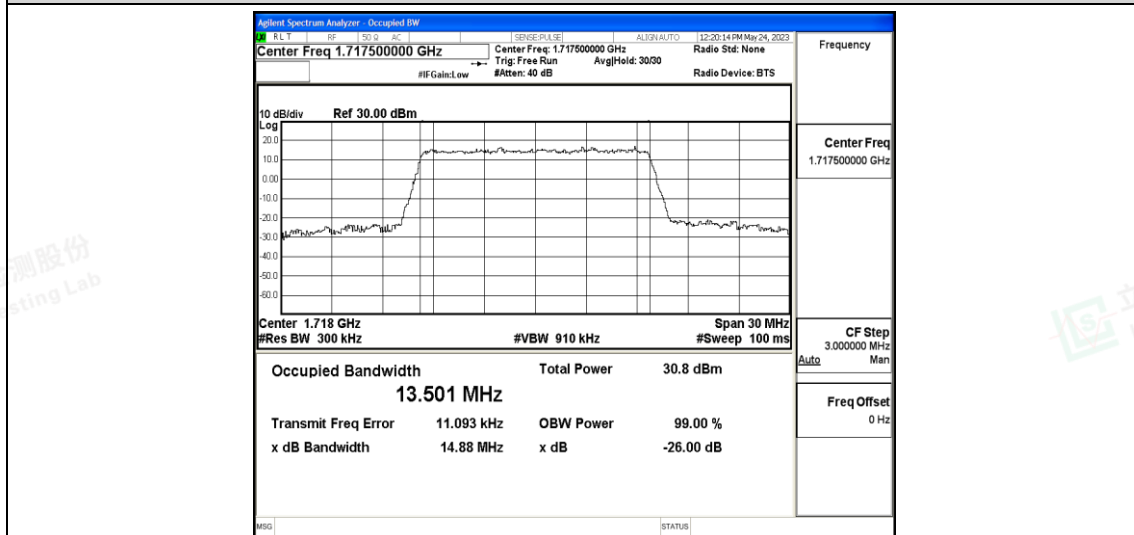
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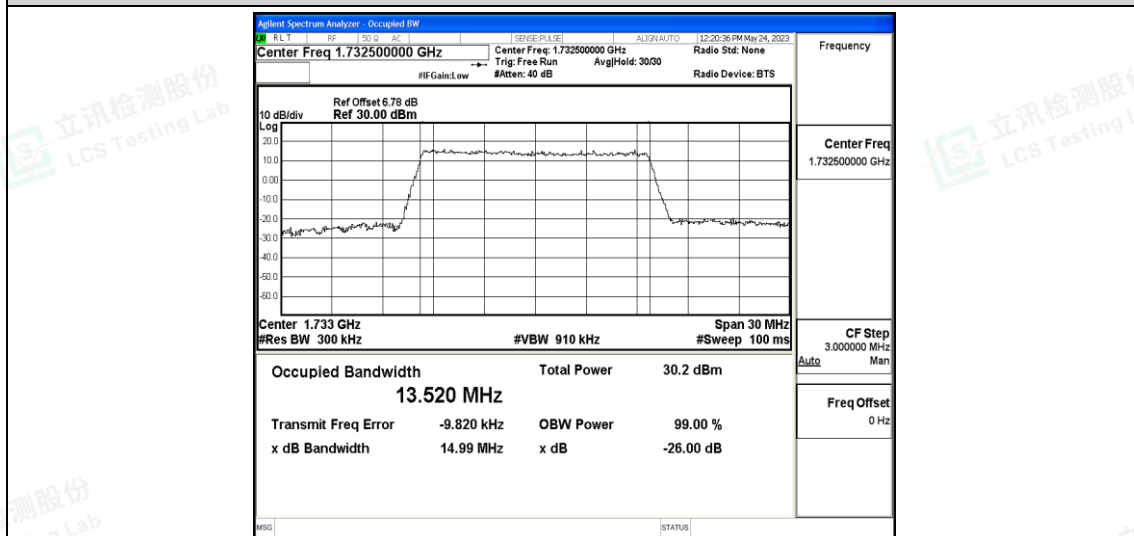
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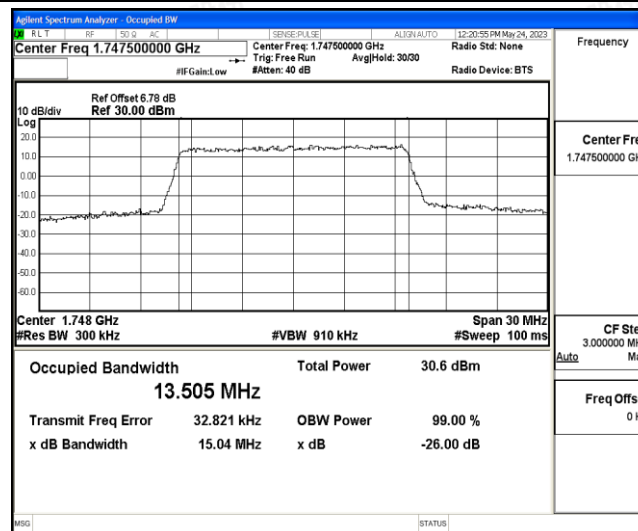


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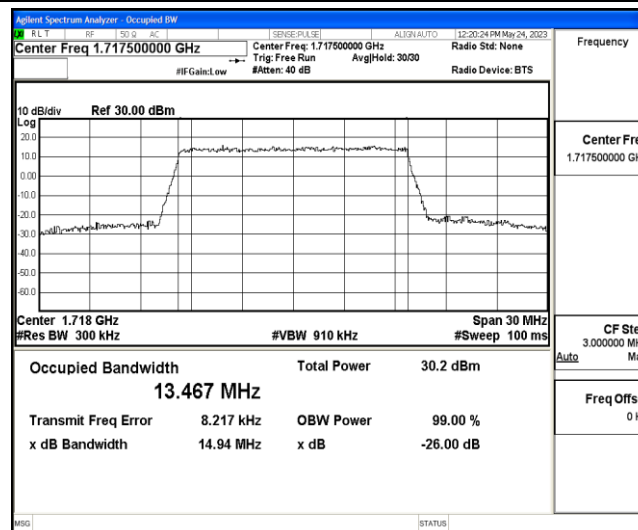
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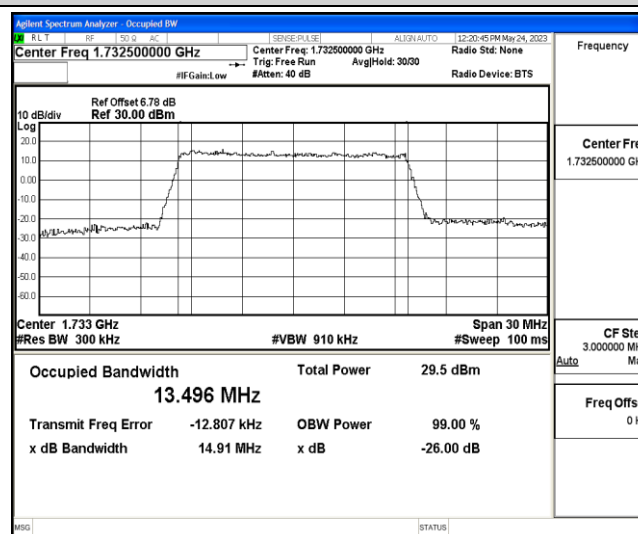
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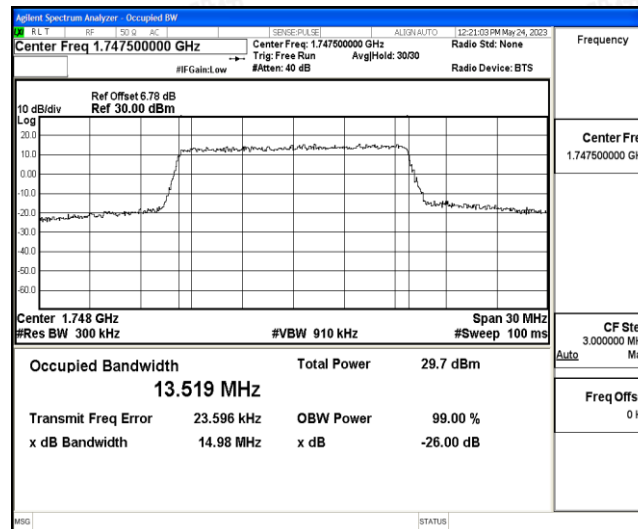


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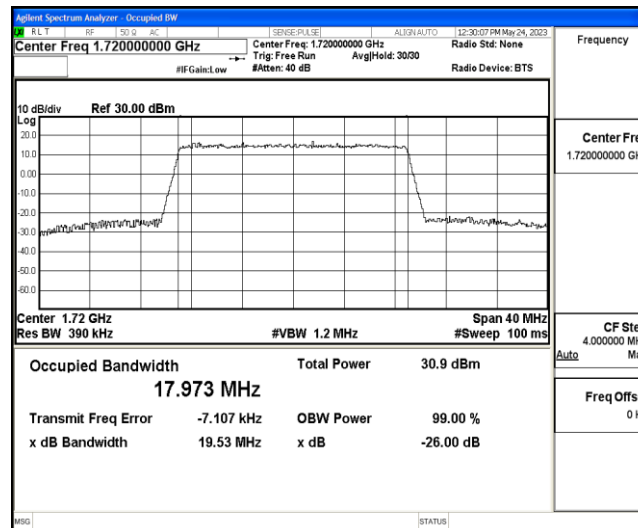
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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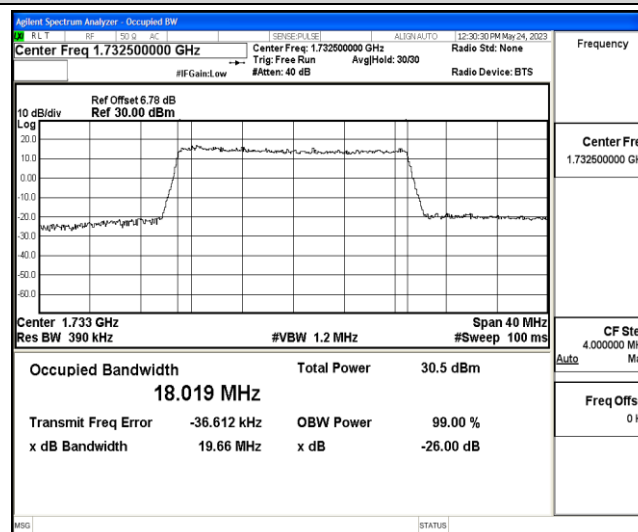
Scan code to check authenticity



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



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



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

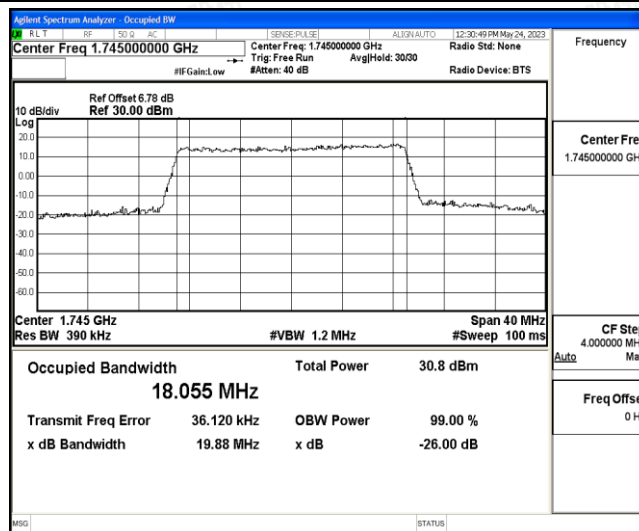


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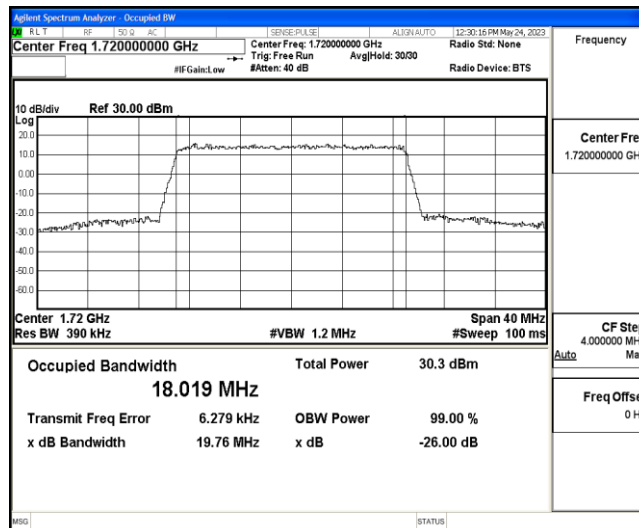
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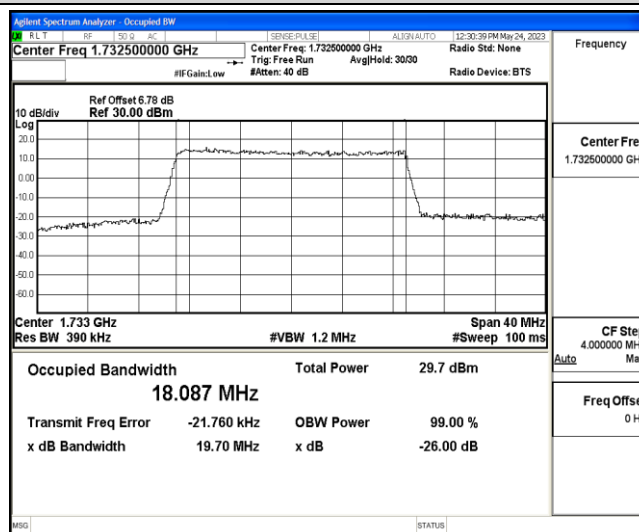
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Band4-20MHz-16QAM-20175-100RB#0



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

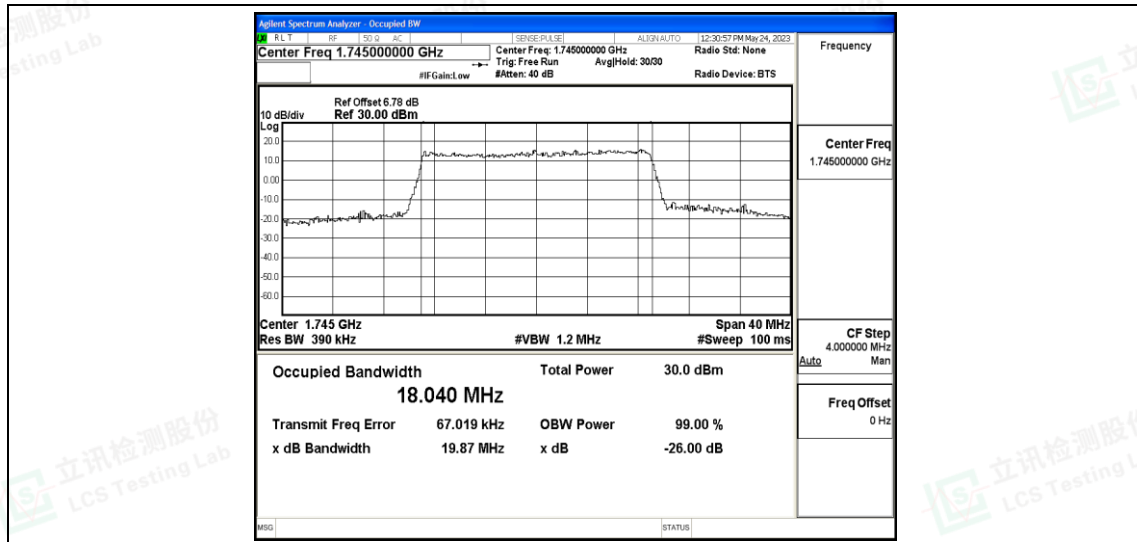


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G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-26.31	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-25.86	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.34	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-26.83	PASS
Band4	3MHz	QPSK	19965	15RB#0	-21.88	PASS
Band4	3MHz	QPSK	20385	15RB#0	-21.51	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.43	PASS
Band4	3MHz	16QAM	20385	15RB#0	-22.84	PASS
Band4	5MHz	QPSK	19975	25RB#0	-27.04	PASS
Band4	5MHz	QPSK	20375	25RB#0	-25.03	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.97	PASS
Band4	5MHz	16QAM	20375	25RB#0	-26.13	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	-24.60	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.88	PASS
Band4	10MHz	16QAM	20350	50RB#0	-26.19	PASS
Band4	15MHz	QPSK	20025	75RB#0	-31.37	PASS
Band4	15MHz	QPSK	20325	75RB#0	-22.82	PASS
Band4	15MHz	16QAM	20025	75RB#0	-31.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	-25.20	PASS
Band4	20MHz	QPSK	20050	100RB#0	-34.91	PASS
Band4	20MHz	QPSK	20300	100RB#0	-26.29	PASS
Band4	20MHz	16QAM	20050	100RB#0	-36.58	PASS
Band4	20MHz	16QAM	20300	100RB#0	-28.31	PASS



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