



Appendix E: Test Data for E-UTRA Band 4

Product Name: Smart phone

Test Model: DL4s

Environmental Conditions

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



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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	21.61	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.71	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.60	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.71	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.72	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.74	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.73	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.76	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.87	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.69	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.83	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.83	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.82	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.82	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.50	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.55	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.50	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.55	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.54	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.60	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.56	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.74	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.95	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.74	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.62	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.62	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.57	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.80	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.88	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.99	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.86	PASS



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Band4	1.4MHz	16QAM	20175	3RB#0	20.77	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.75	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.75	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.89	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.54	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.67	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.53	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.44	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.41	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.43	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.48	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.65	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.68	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.78	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.71	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.72	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.72	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.72	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.81	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.83	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.78	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.81	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.84	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.83	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.83	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.56	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.57	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.58	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.56	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.57	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.55	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.50	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.91	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.92	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.91	PASS



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Band4	3MHz	16QAM	19965	8RB#0	19.80	PASS
Band4	3MHz	16QAM	19965	8RB#4	19.81	PASS
Band4	3MHz	16QAM	19965	8RB#7	19.78	PASS
Band4	3MHz	16QAM	19965	15RB#0	19.79	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.05	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.97	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.95	PASS
Band4	3MHz	16QAM	20175	8RB#0	19.93	PASS
Band4	3MHz	16QAM	20175	8RB#4	19.89	PASS
Band4	3MHz	16QAM	20175	8RB#7	19.90	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.81	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.66	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.59	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.59	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.60	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.57	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.55	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.47	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.69	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.89	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.69	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.69	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.68	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.79	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.75	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.81	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.92	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.76	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.79	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.83	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.79	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.88	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.51	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.62	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.53	PASS



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Band4	5MHz	QPSK	20375	12RB#6	20.51	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.52	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.56	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.69	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.89	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.67	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.74	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.76	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.87	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.83	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.83	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.91	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.71	PASS
Band4	5MHz	16QAM	20175	12RB#0	19.92	PASS
Band4	5MHz	16QAM	20175	12RB#6	19.90	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.92	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.94	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.65	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.72	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.62	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.57	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.55	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.60	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.54	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.65	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.92	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.77	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.83	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.79	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.87	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.88	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.85	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.92	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.62	PASS



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Band4	10MHz	QPSK	20175	25RB#0	20.96	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.97	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.94	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.93	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.61	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.72	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.52	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.60	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.58	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.58	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.56	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.81	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.06	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.93	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.80	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.82	PASS
Band4	10MHz	16QAM	20000	25RB#25	19.86	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.84	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.09	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.18	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.87	PASS
Band4	10MHz	16QAM	20175	25RB#0	19.99	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.95	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.96	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.66	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.83	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.62	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.69	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.63	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.59	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.62	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.60	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.78	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.70	PASS



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Band4	15MHz	QPSK	20025	38RB#0	20.81	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.81	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.81	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.80	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.79	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.89	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.61	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.94	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.92	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.92	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.91	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.57	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.67	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.51	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.74	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.74	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.73	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.71	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.80	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.97	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.81	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.82	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.88	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.81	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.77	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.01	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.03	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.79	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.93	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.92	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.91	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.88	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.81	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.84	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.69	PASS



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Band4	15MHz	16QAM	20325	38RB#0	20.76	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.74	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.75	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.62	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.62	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.03	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.54	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.81	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.75	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.83	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.76	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.76	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.05	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.48	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.93	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.92	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.86	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.79	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.54	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.80	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.40	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.70	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.68	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.63	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.65	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.53	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.02	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.58	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.80	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.78	PASS
Band4	20MHz	16QAM	20050	50RB#50	19.86	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.78	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.82	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.08	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.45	PASS



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Band4	20MHz	16QAM	20175	50RB#0	19.99	PASS
Band4	20MHz	16QAM	20175	50RB#25	19.99	PASS
Band4	20MHz	16QAM	20175	50RB#50	19.92	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.89	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.70	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.95	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.47	PASS
Band4	20MHz	16QAM	20300	50RB#0	19.69	PASS
Band4	20MHz	16QAM	20300	50RB#25	19.68	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.70	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.67	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	5.03	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.49	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.33	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.76	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.36	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.20	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.11	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.48	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.48	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.94	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.29	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.33	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.16	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.72	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.48	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.88	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.38	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.35	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.31	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.69	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.54	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.07	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.40	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.40	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.76	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.97	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.04	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.30	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.46	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.61	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.66	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.23	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.34	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.40	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.92	13	PASS



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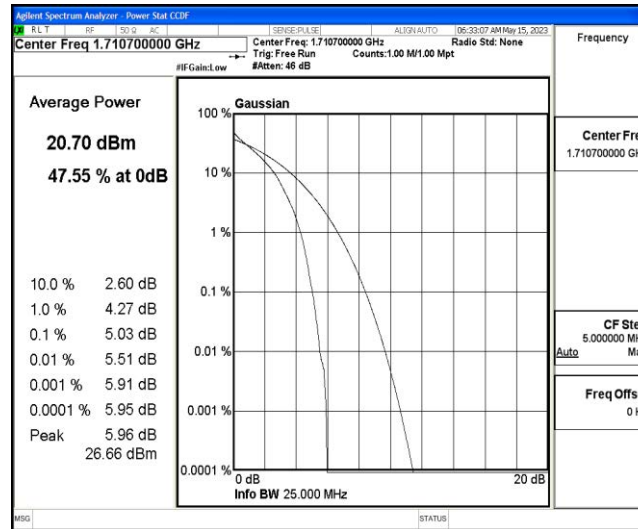
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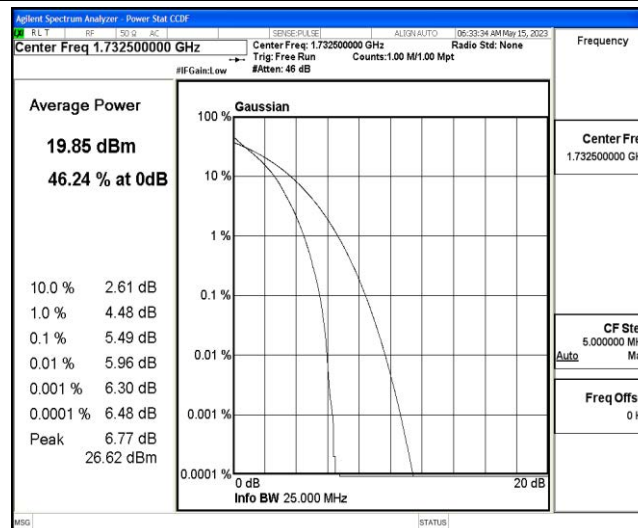


Test Graphs

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



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



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

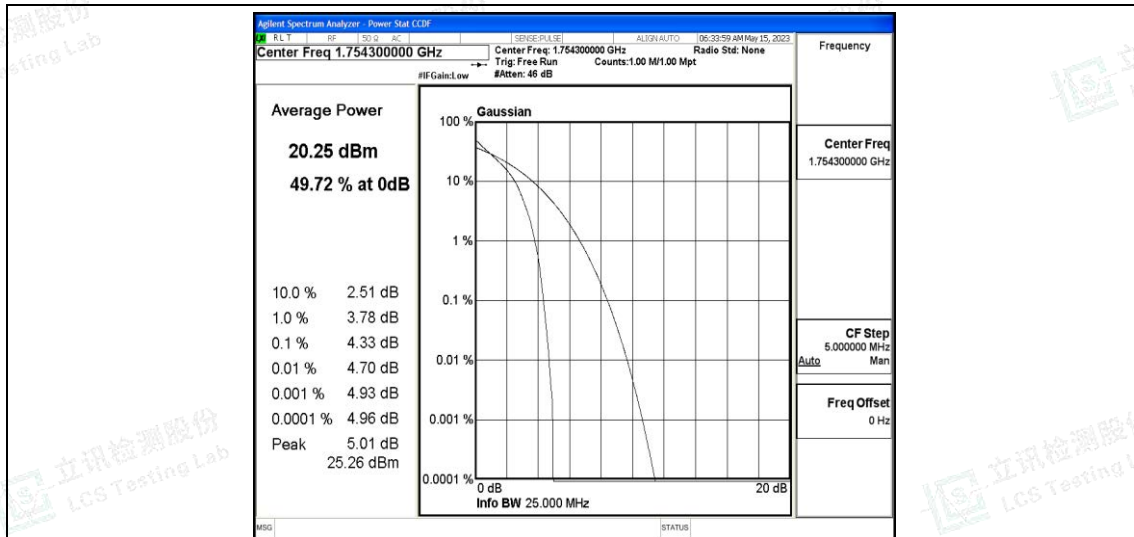


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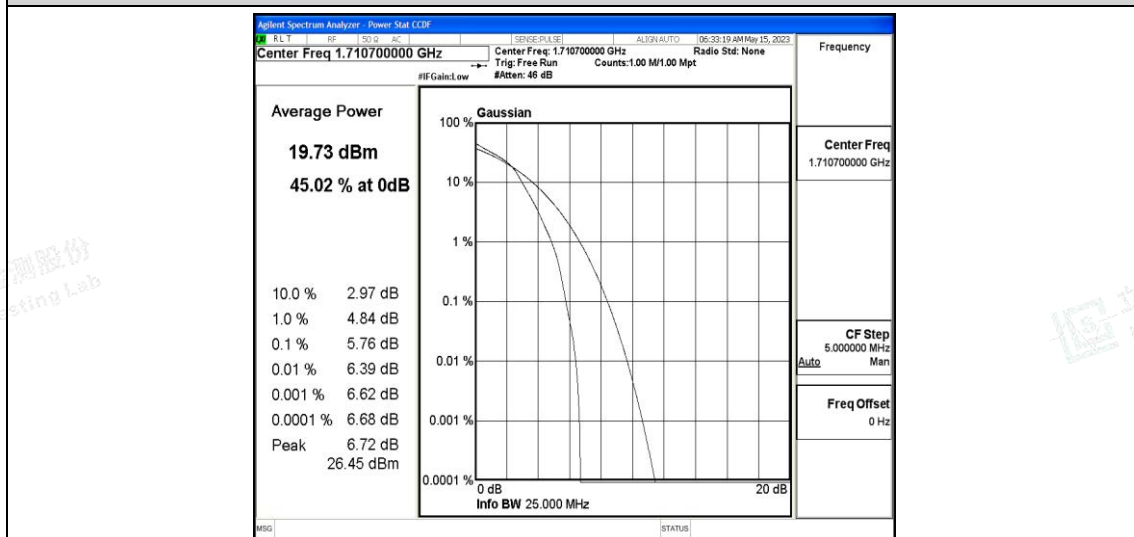
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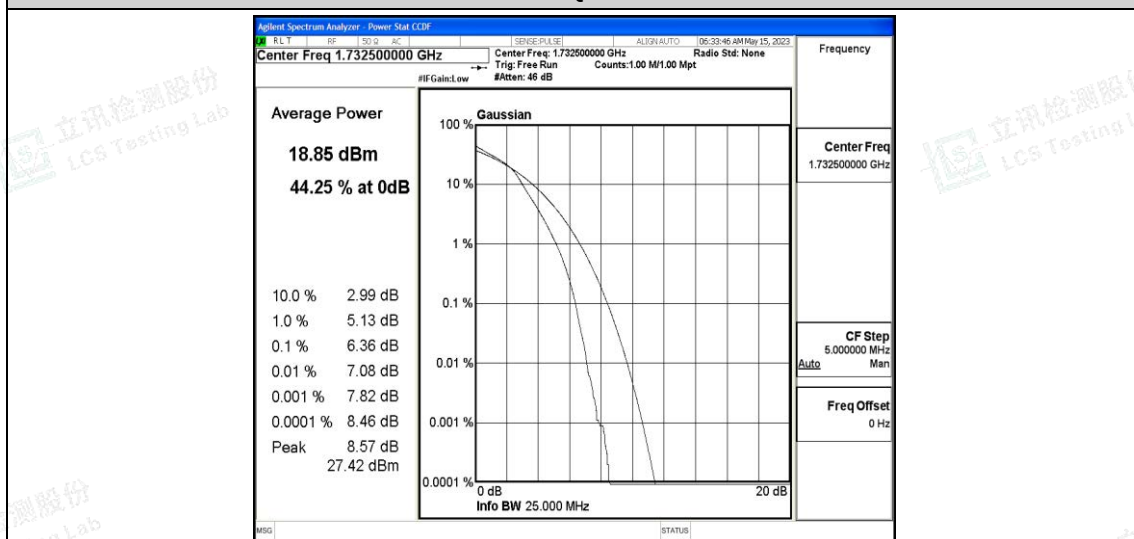
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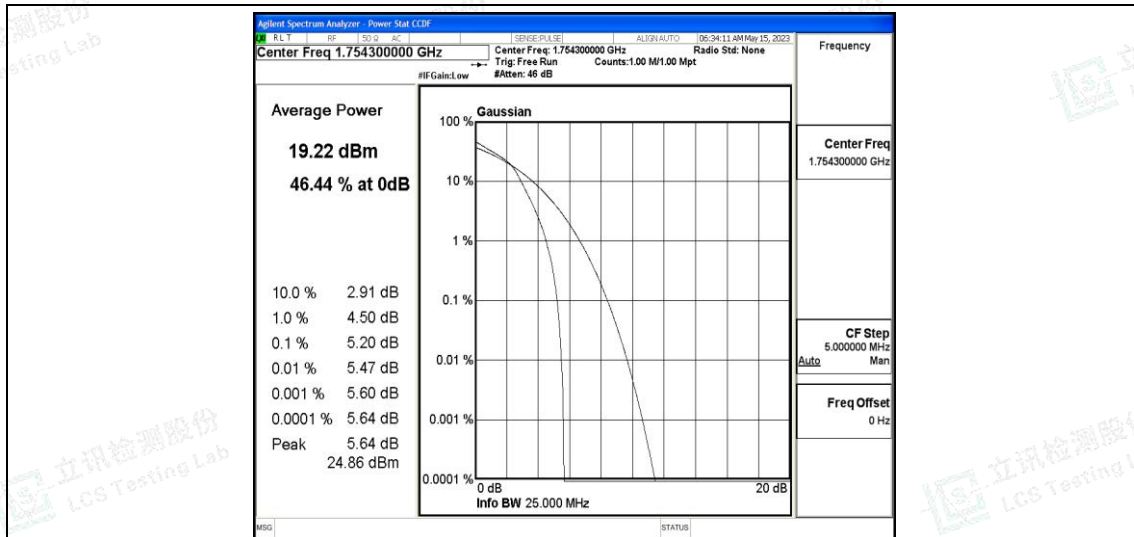


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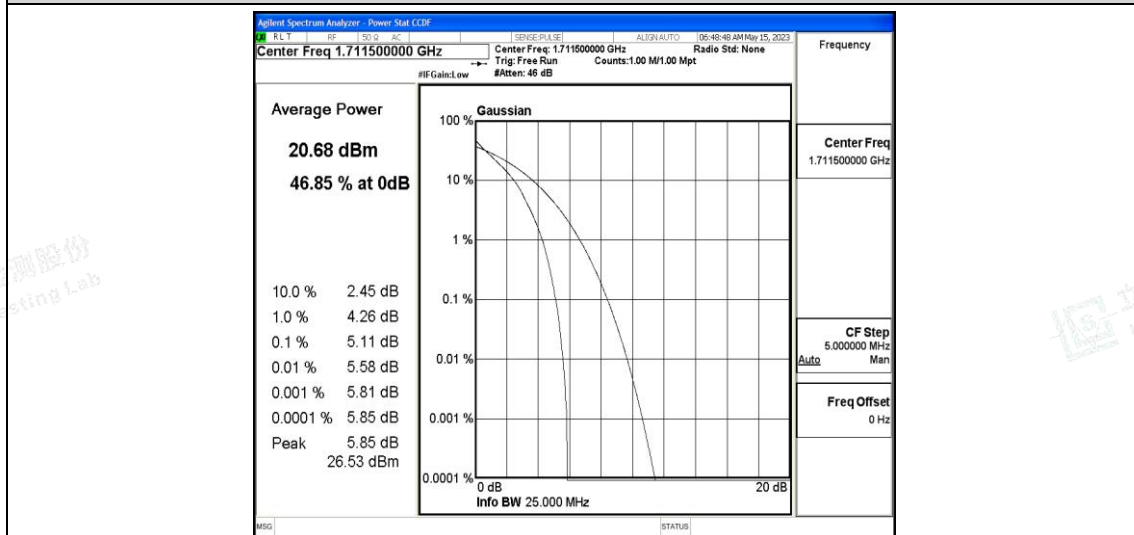


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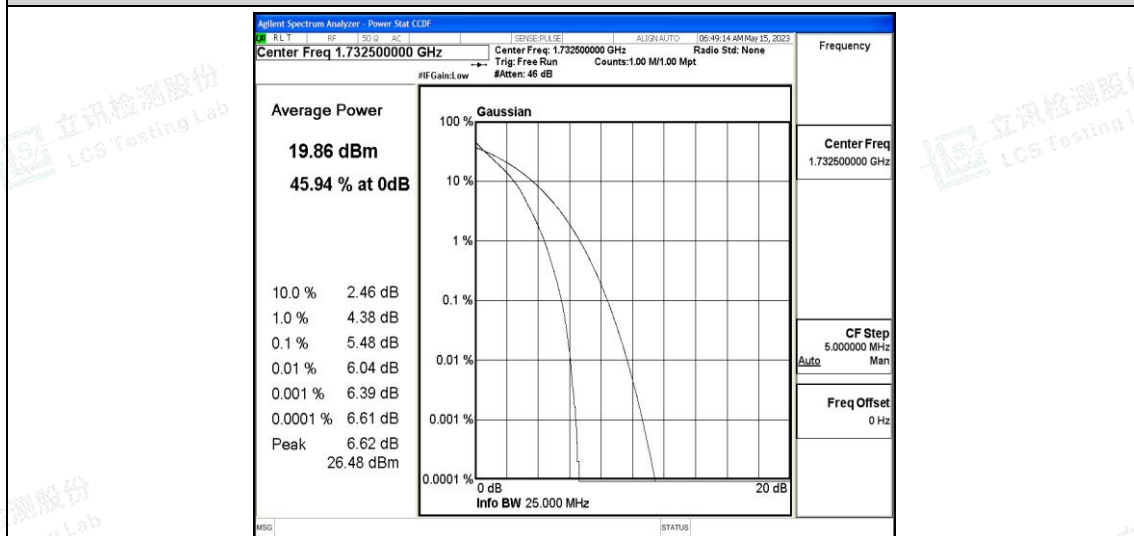




Band4-3MHz-QPSK-19965-15RB#0



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



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

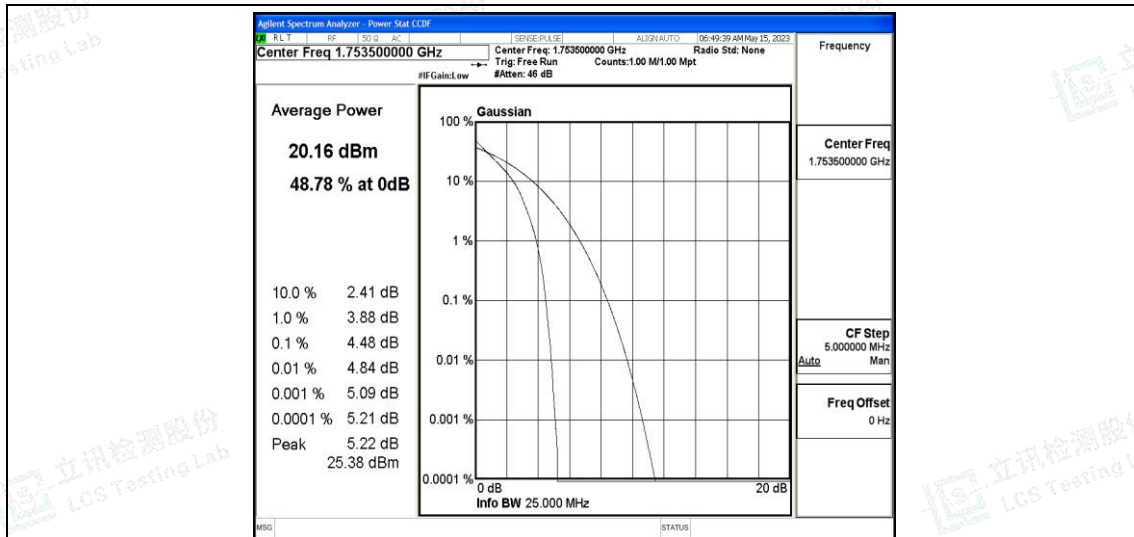


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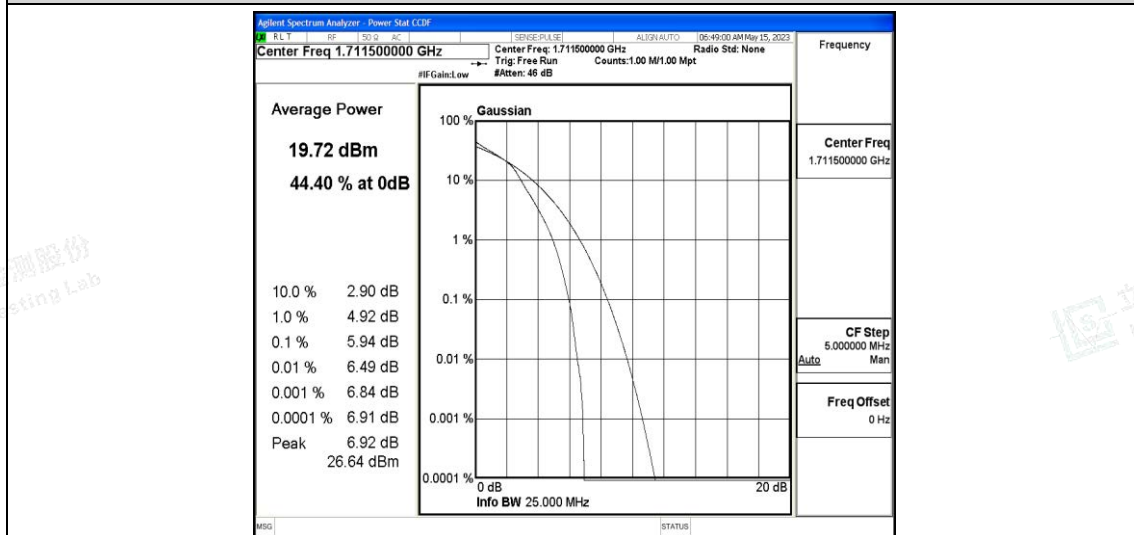
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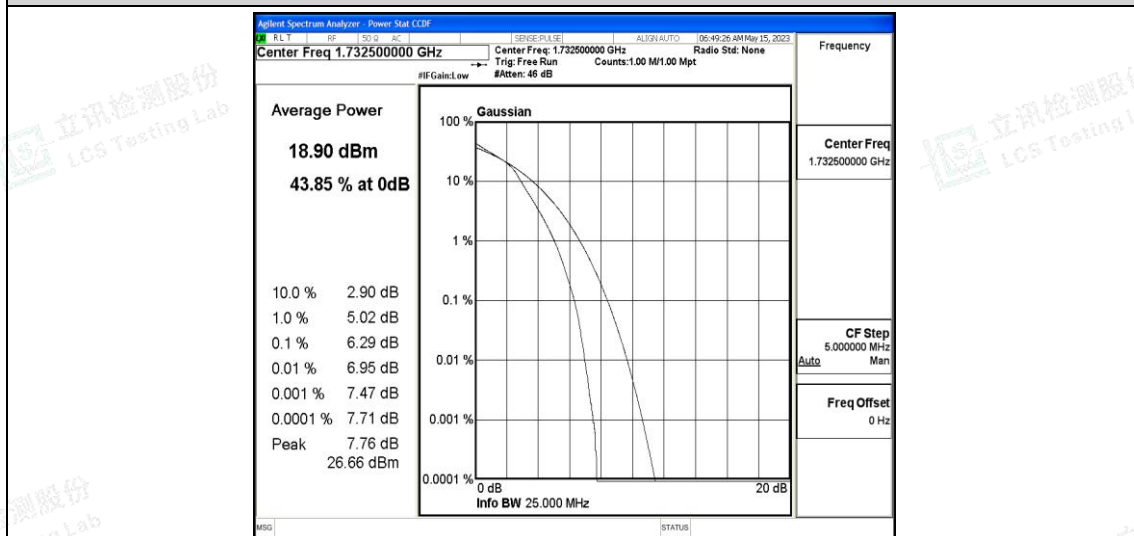
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Band4-3MHz-16QAM-19965-15RB#0



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



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

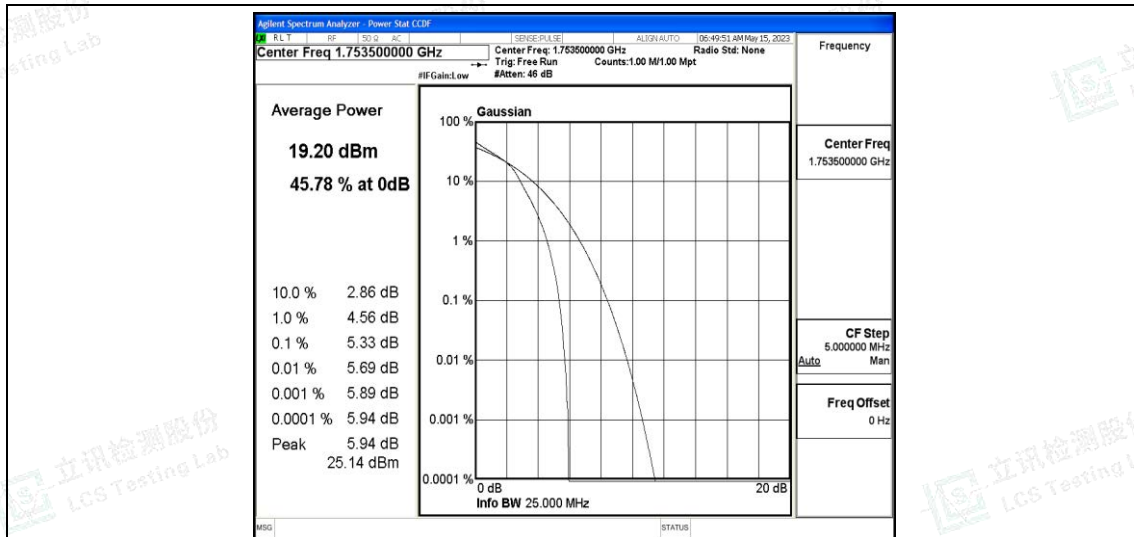


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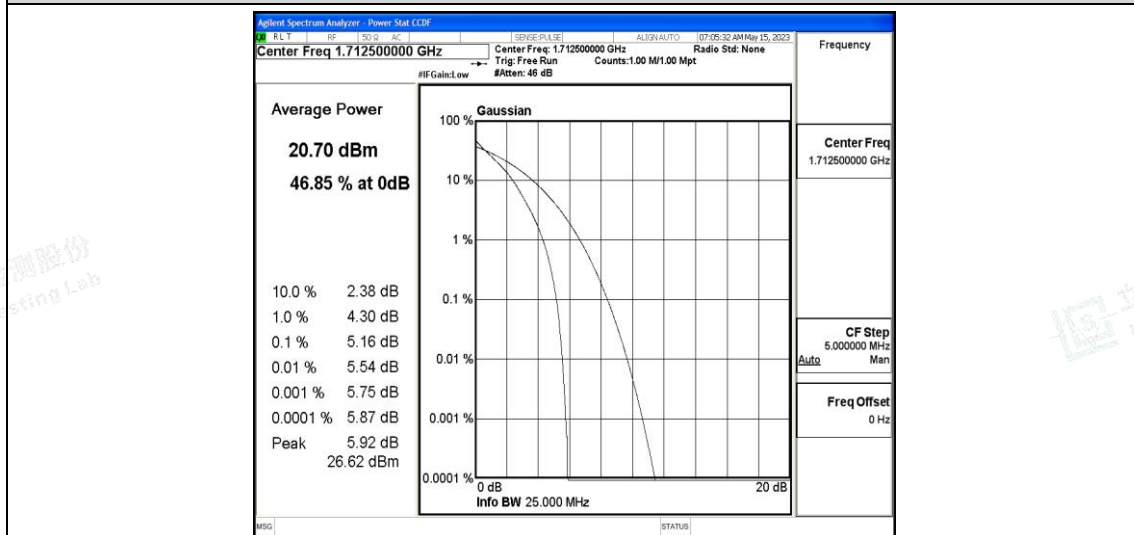
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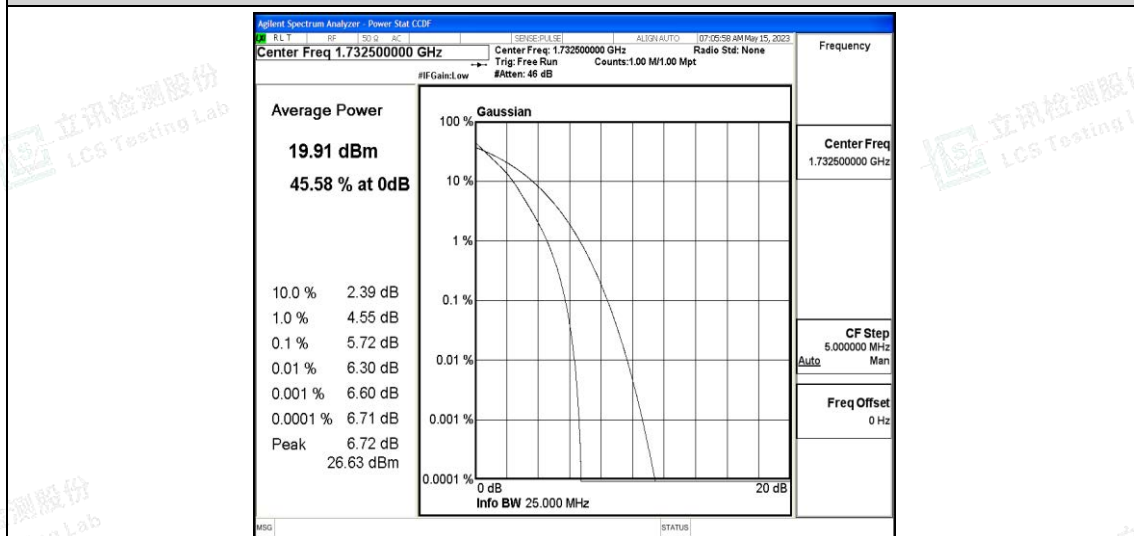
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Band4-5MHz-QPSK-19975-25RB#0



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



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

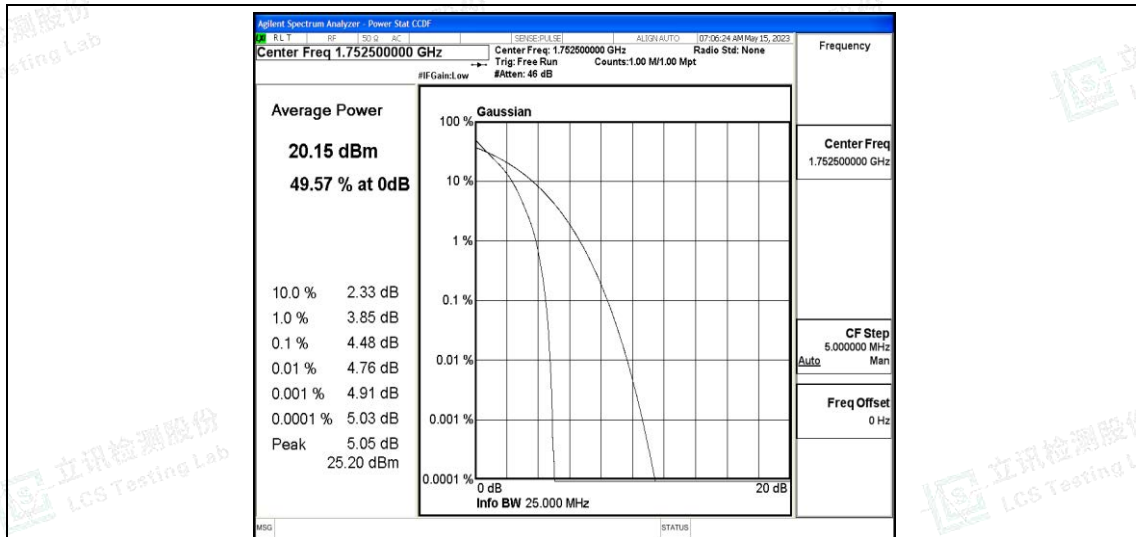


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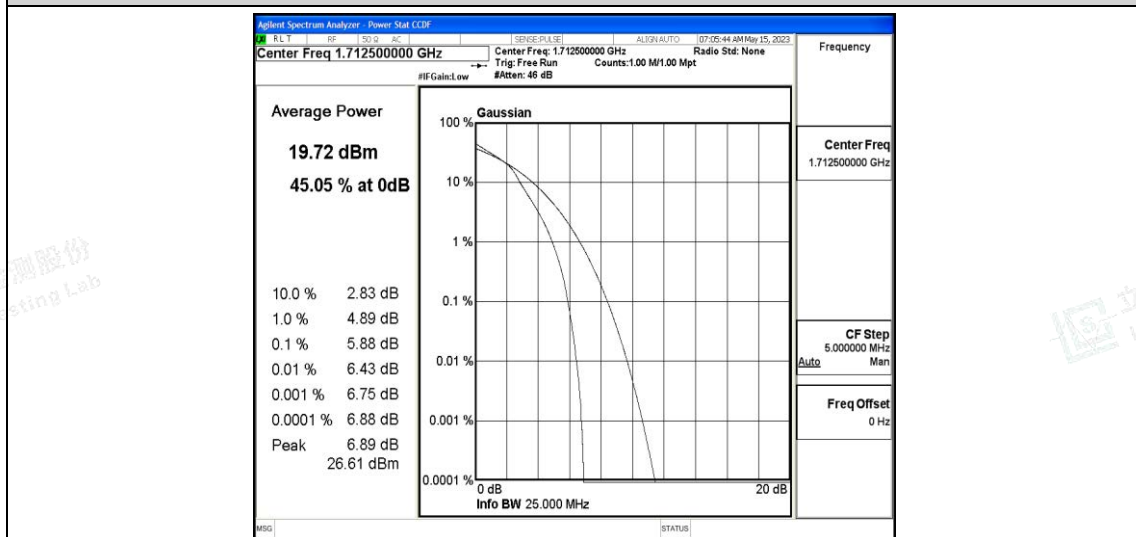
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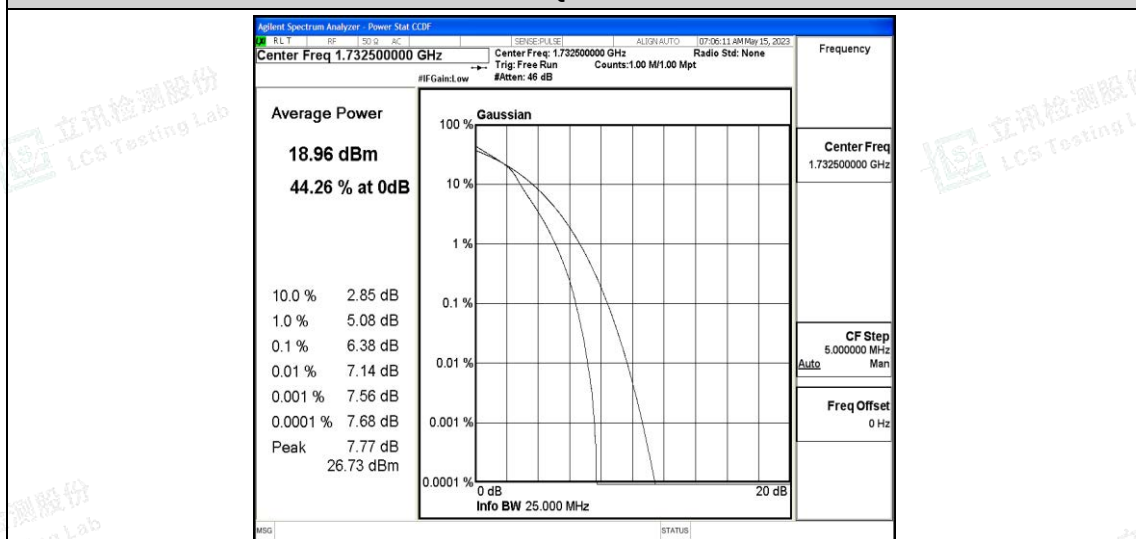
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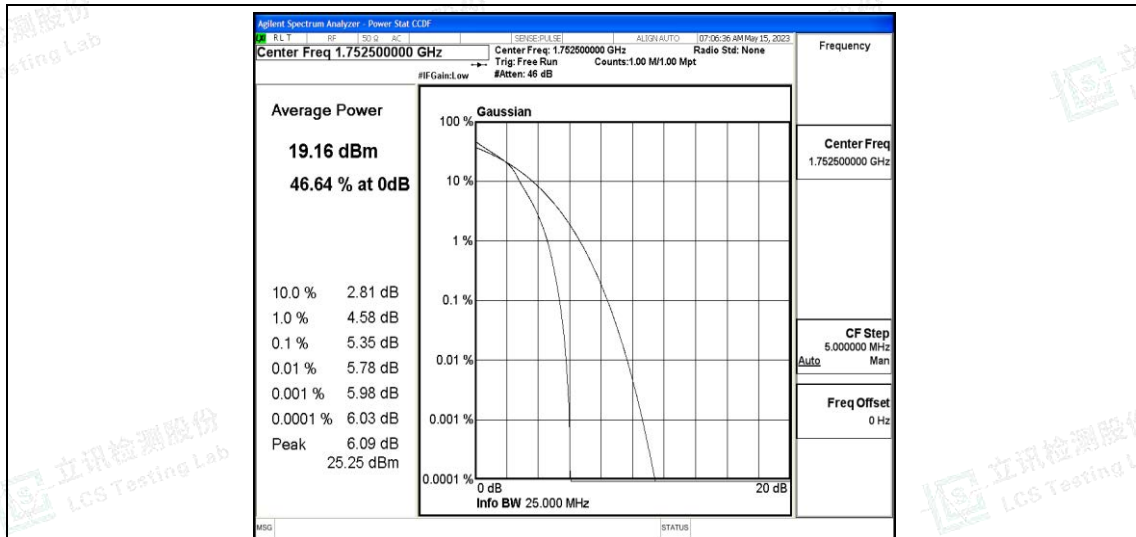


Band4-5MHz-16QAM-20175-25RB#0

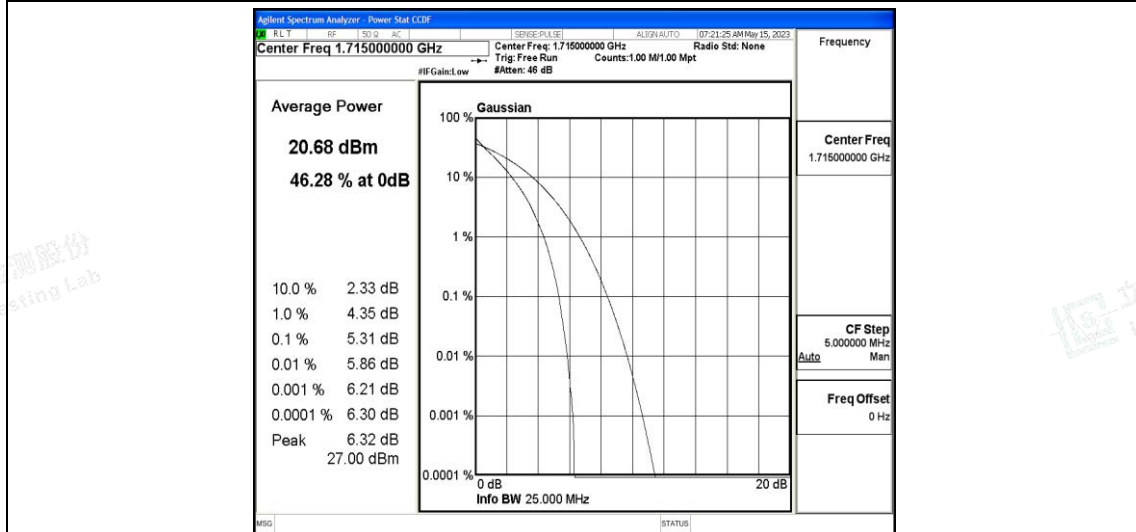


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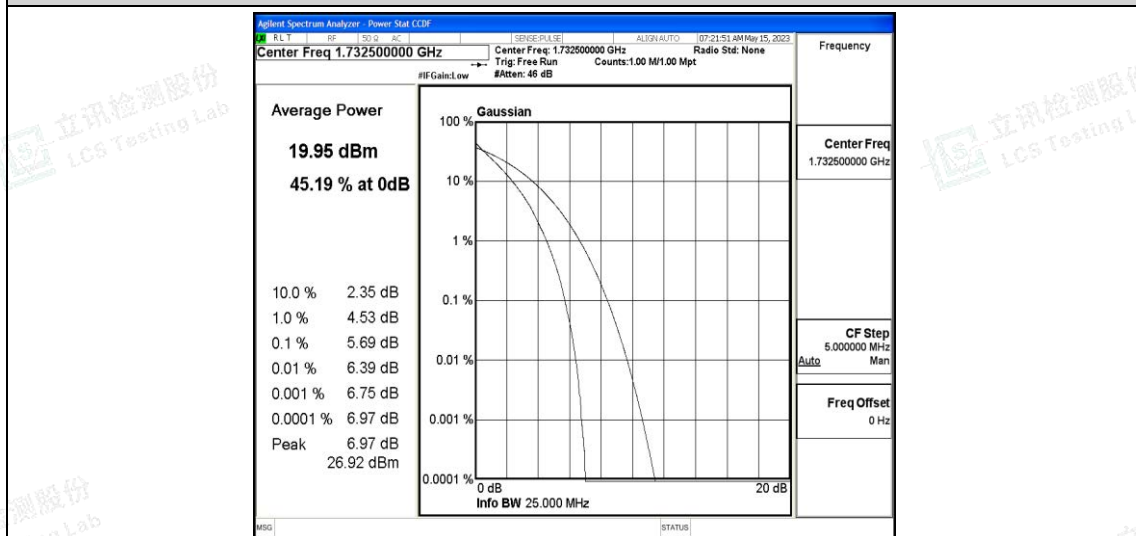




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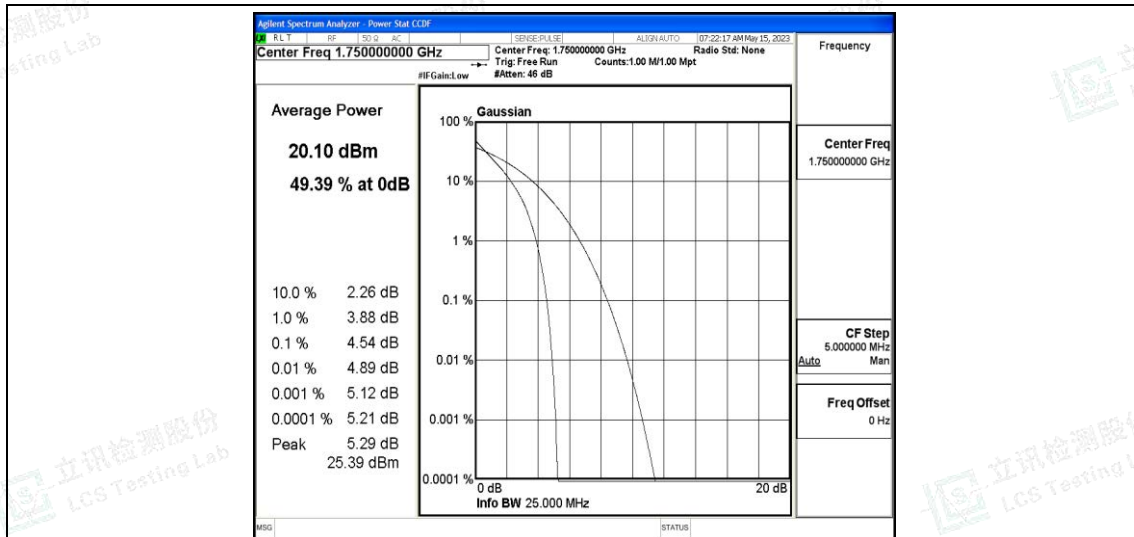


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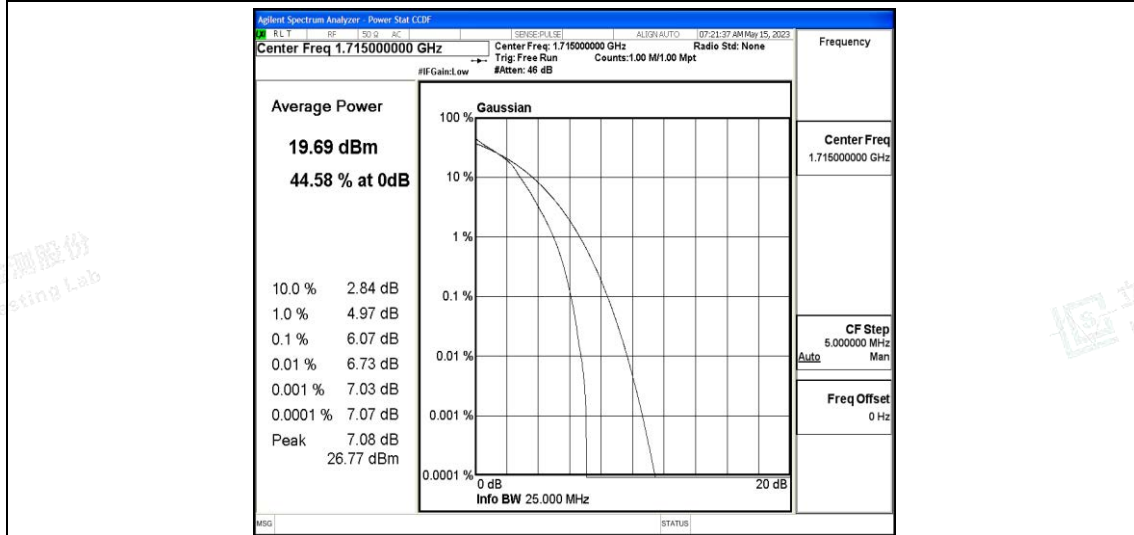


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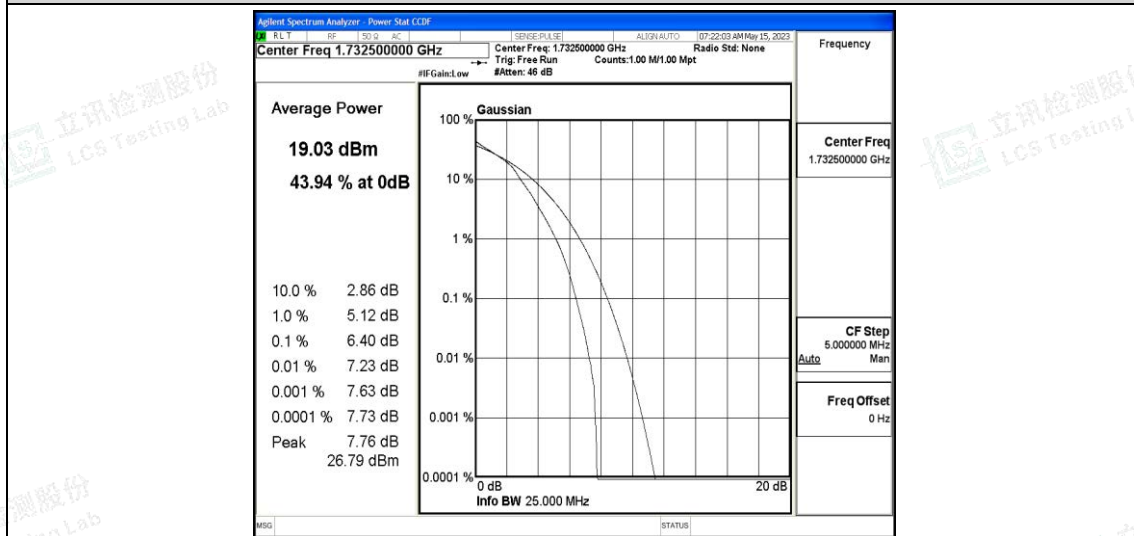




Band4-10MHz-16QAM-20000-50RB#0



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



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

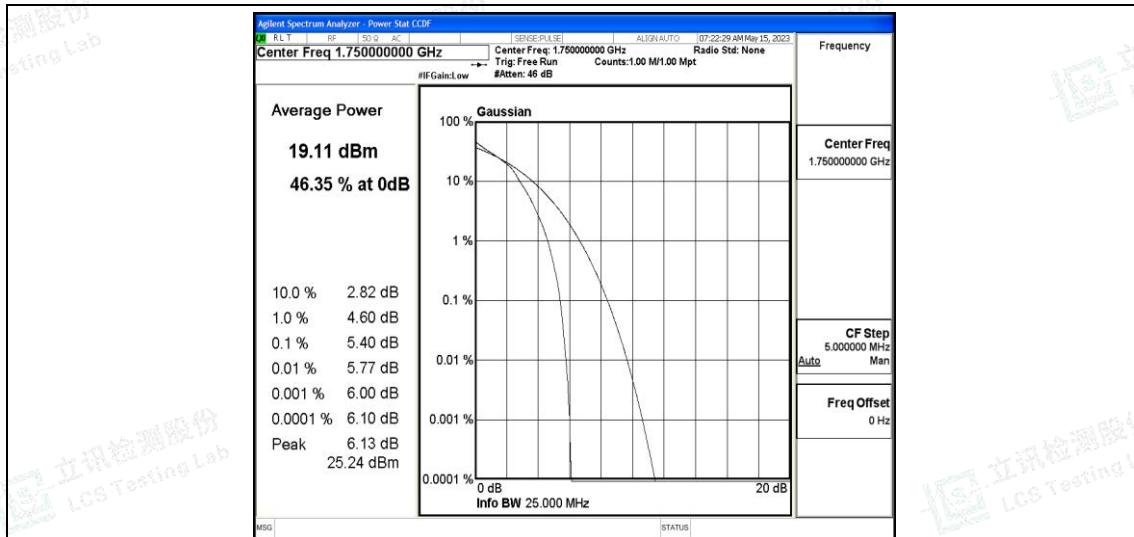


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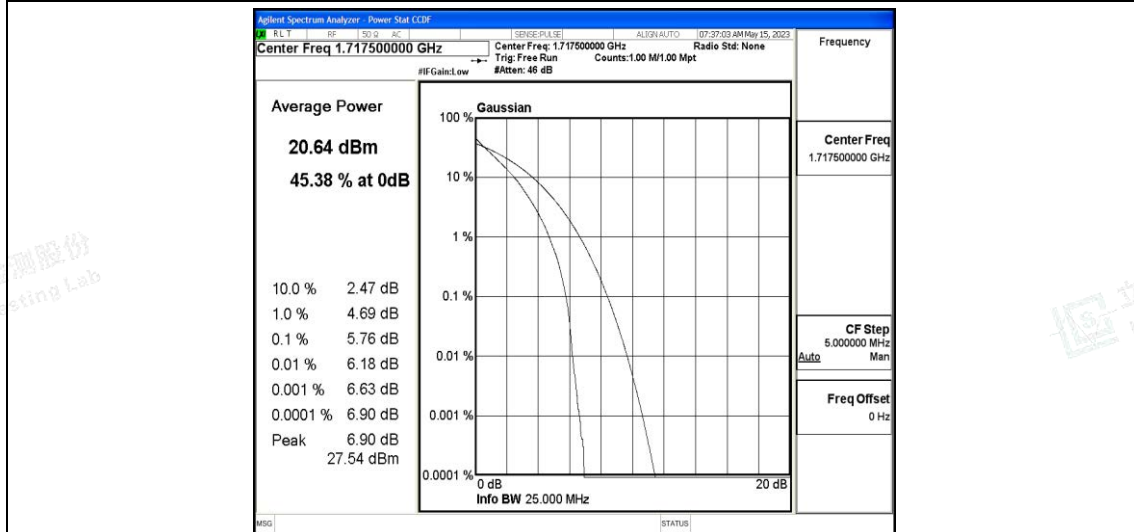
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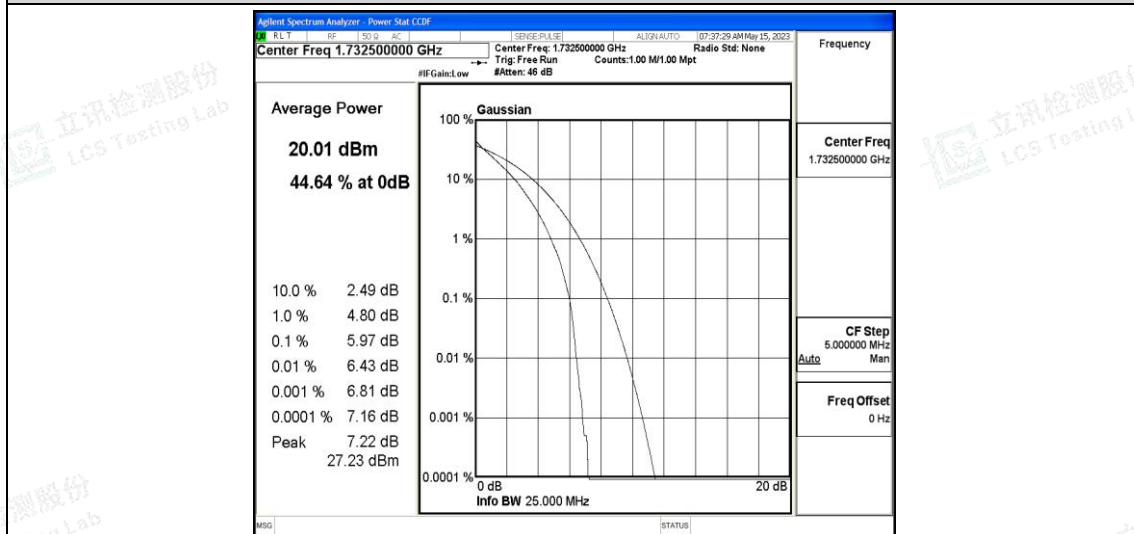
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Band4-15MHz-QPSK-20025-75RB#0



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



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

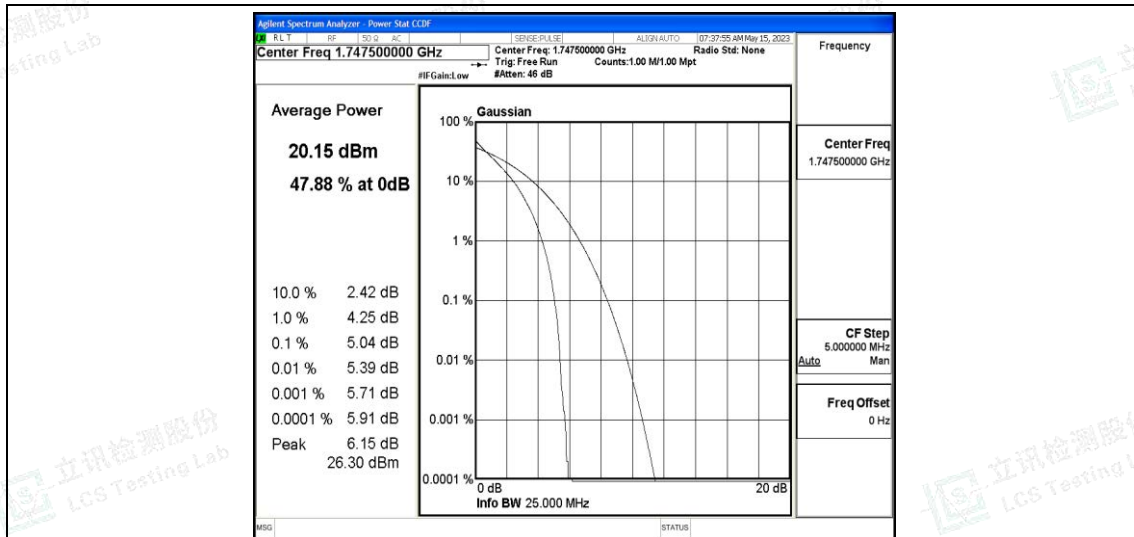


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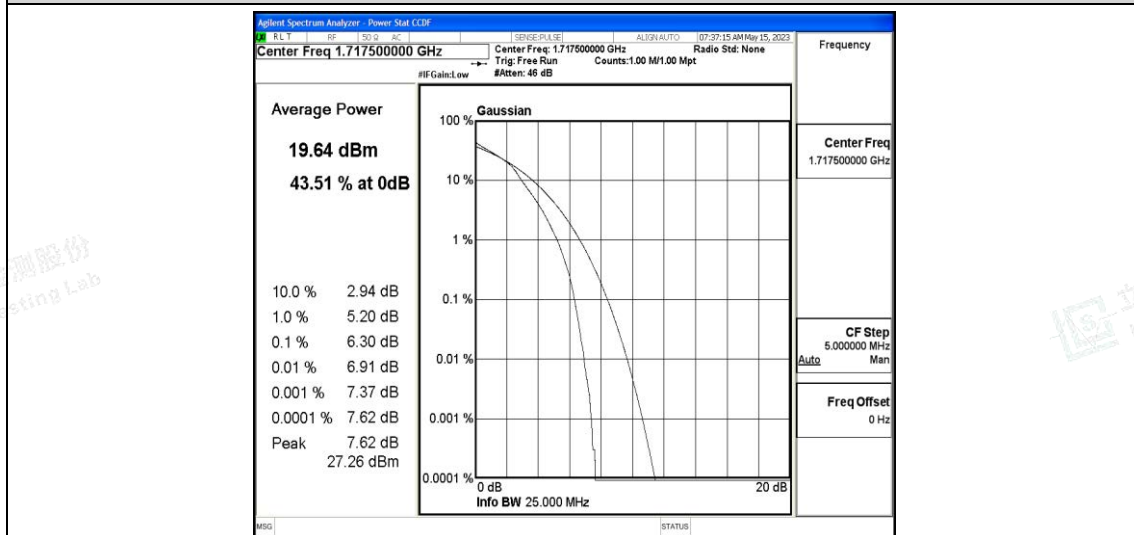
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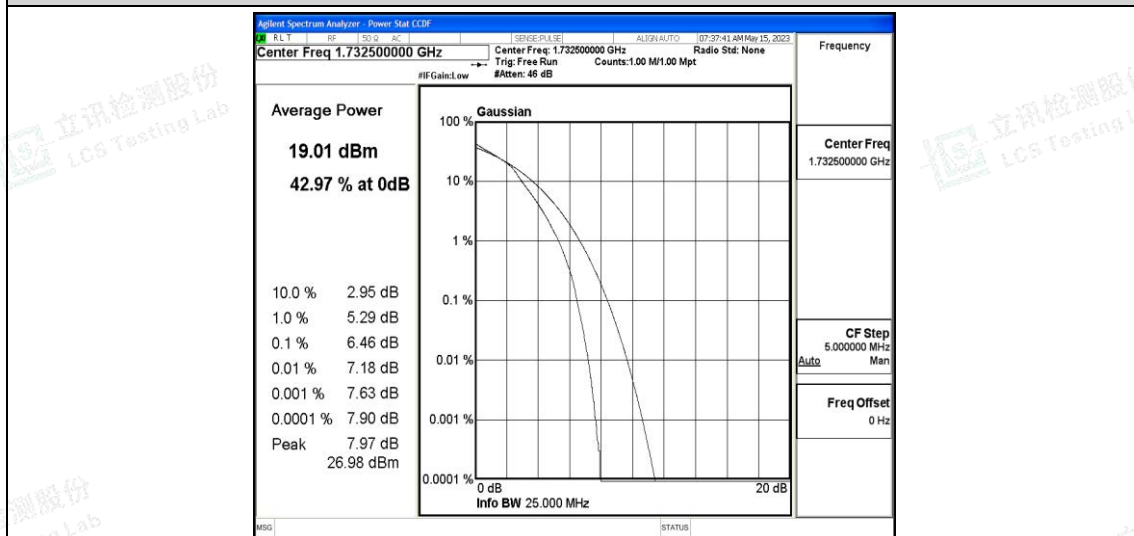
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Band4-15MHz-16QAM-20025-75RB#0



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



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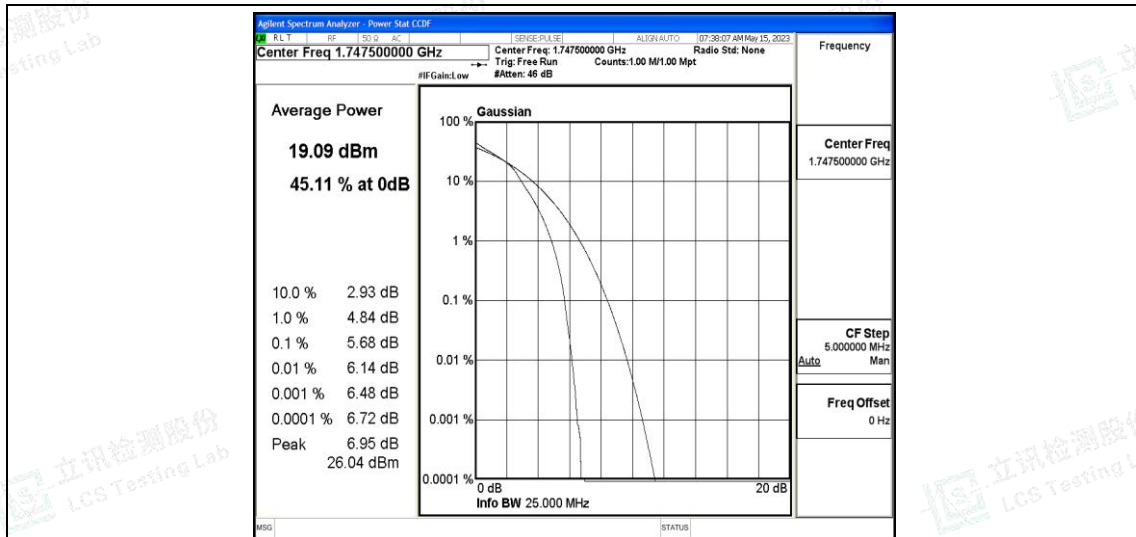


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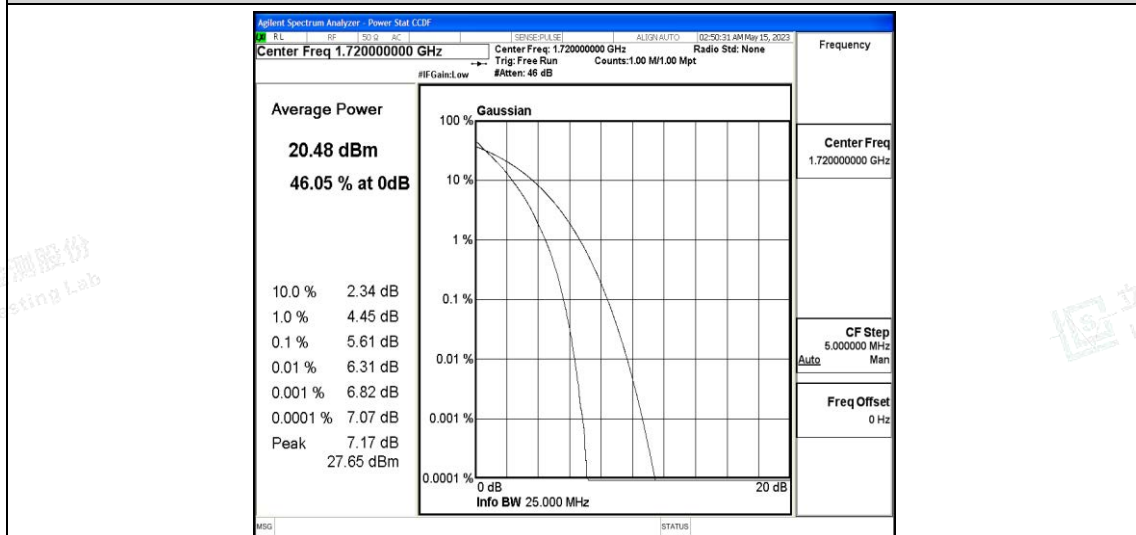
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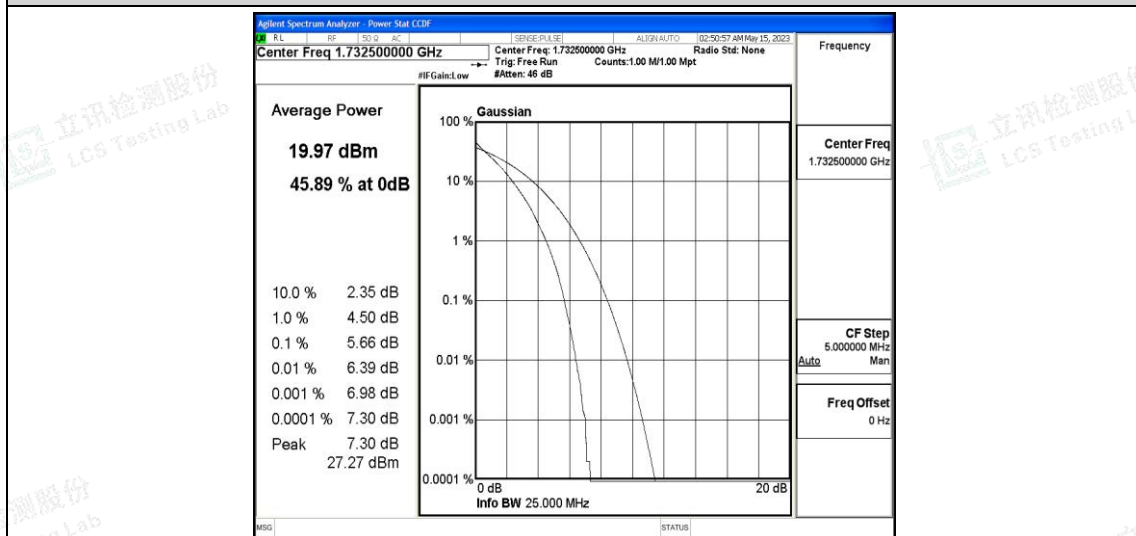
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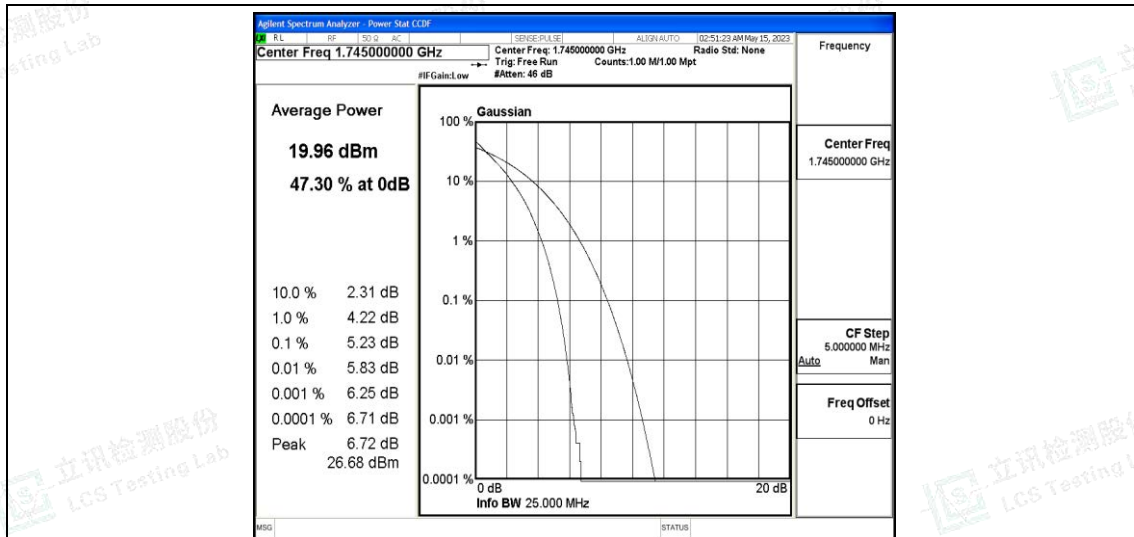


Band4-20MHz-QPSK-20175-100RB#0

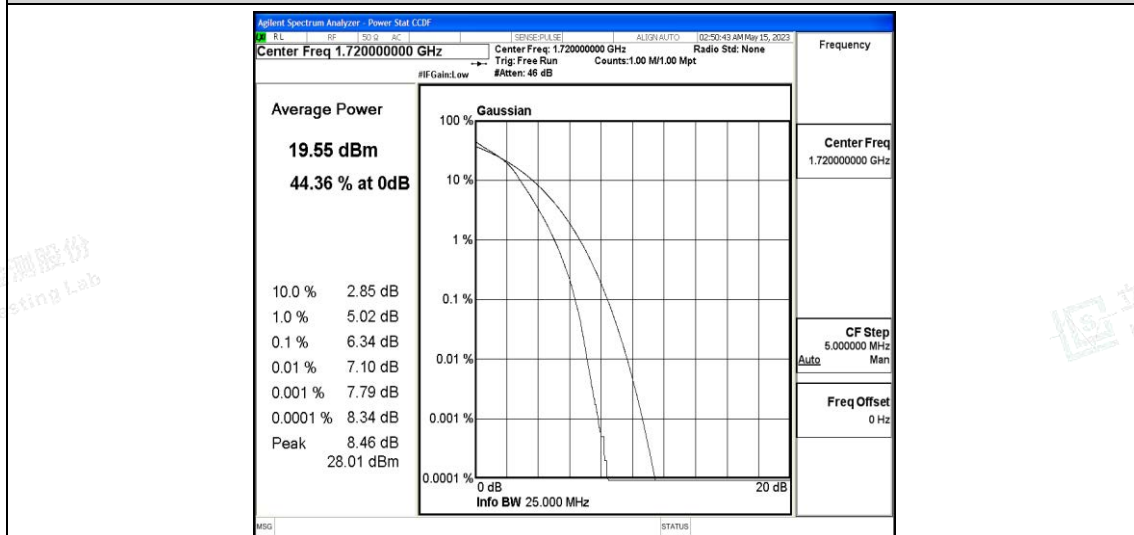


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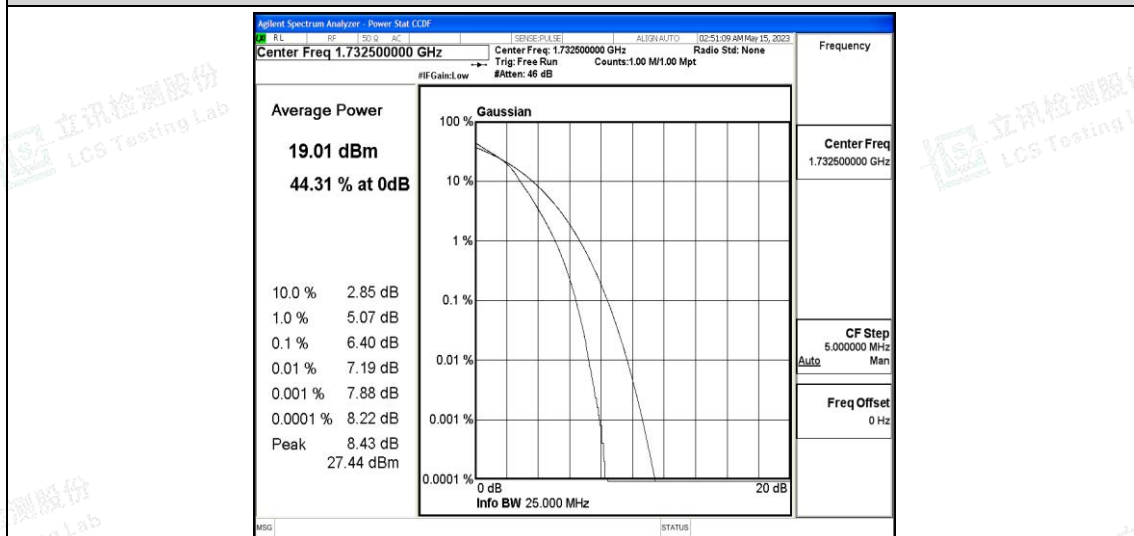




Band4-20MHz-16QAM-20050-100RB#0



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



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

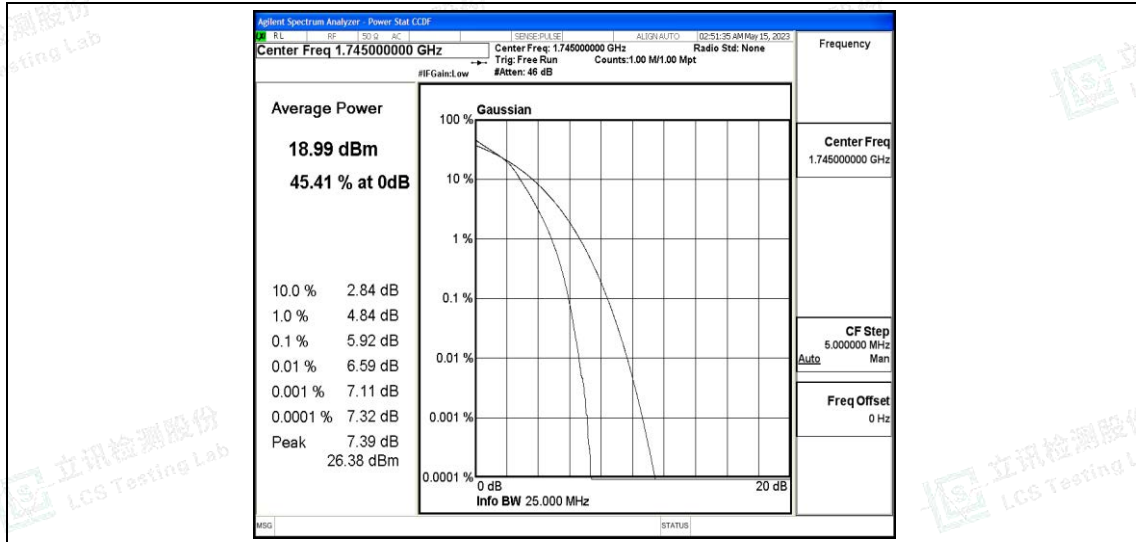


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E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0954	1.306	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0934	1.307	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0990	1.307	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0985	1.311	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1027	1.321	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0954	1.281	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6838	2.898	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6919	2.875	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6947	2.913	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6808	2.900	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6838	3.012	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6858	2.896	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5389	5.205	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5233	5.271	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5092	5.182	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5224	5.150	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5124	5.335	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5284	5.195	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0117	10.27	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0161	10.19	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0086	10.19	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9826	10.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0040	10.02	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9909	10.10	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.513	15.18	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.541	15.01	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.507	16.20	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.506	15.04	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.526	15.05	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.545	15.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.952	19.63	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.014	19.70	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.008	19.99	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.001	19.84	PASS



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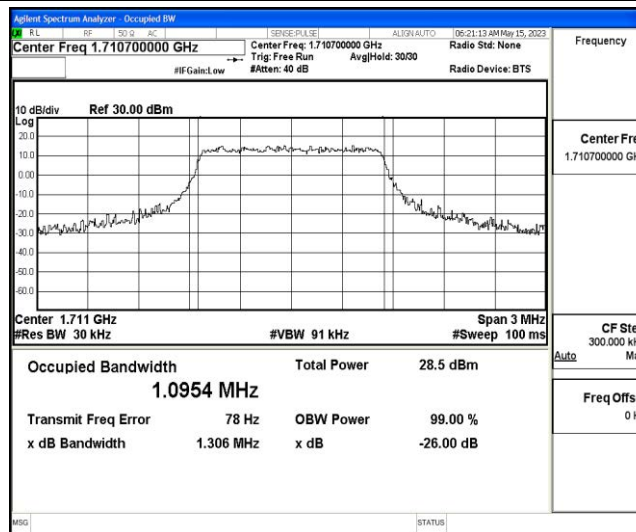
Band4	20MHz	16QAM	20175	100RB#0	18.016	19.86	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.986	19.74	PASS



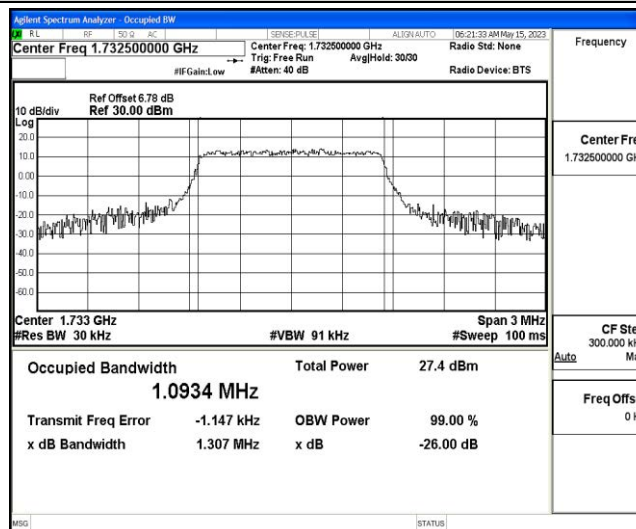


Test Graphs

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



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



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

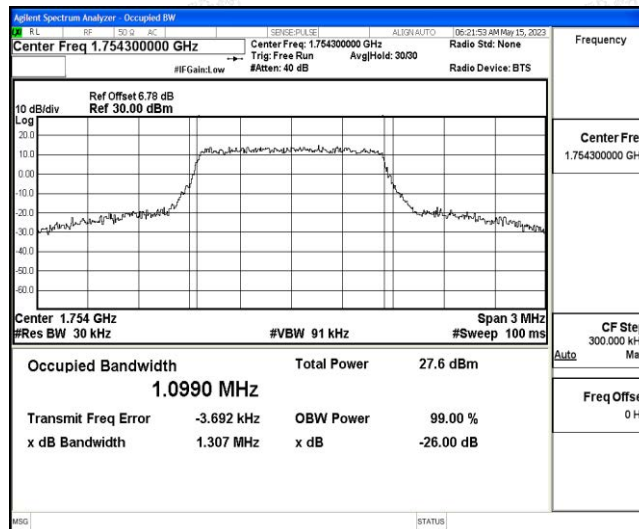


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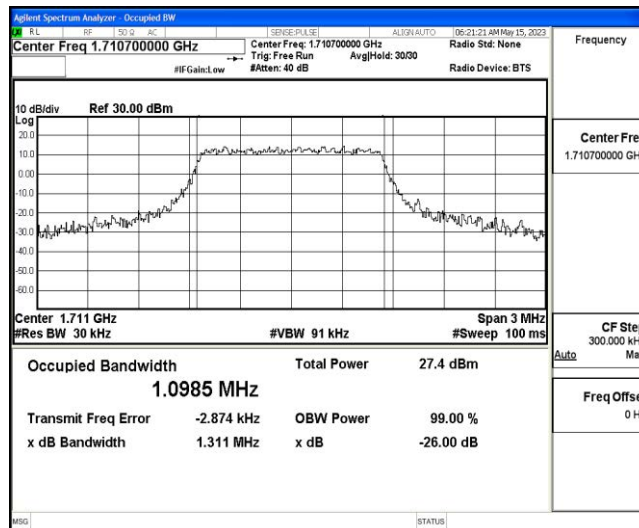
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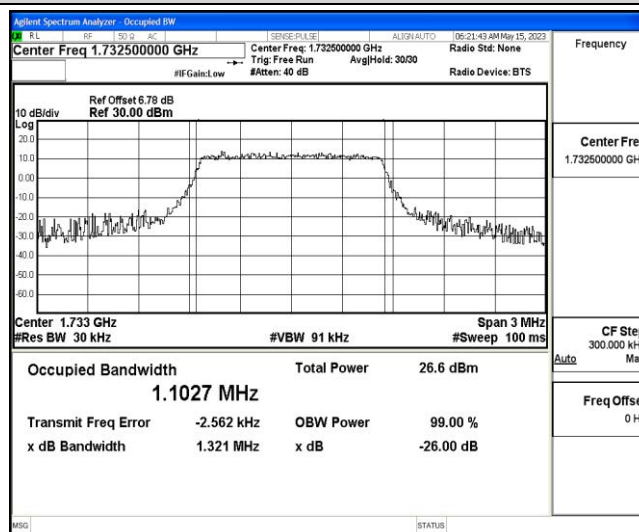
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Band4-1.4MHz-16QAM-19957-6RB#0



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



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

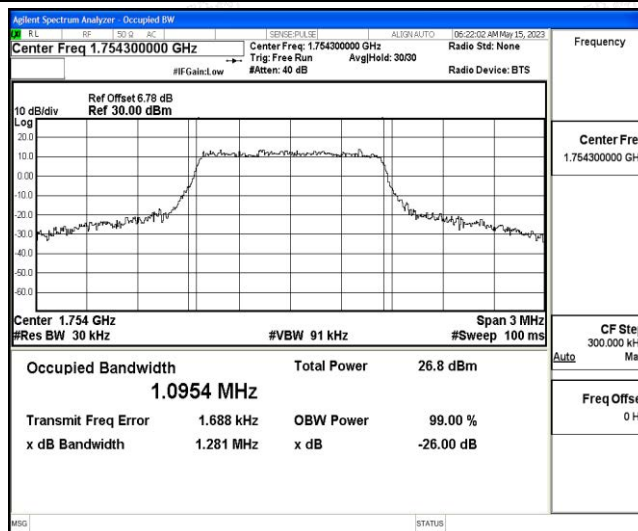


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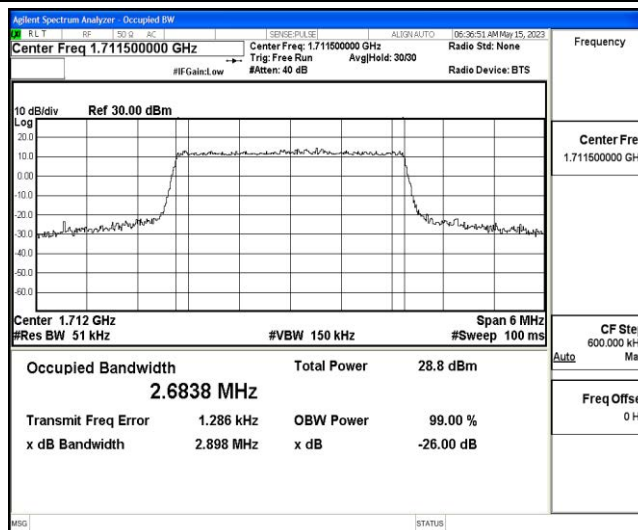
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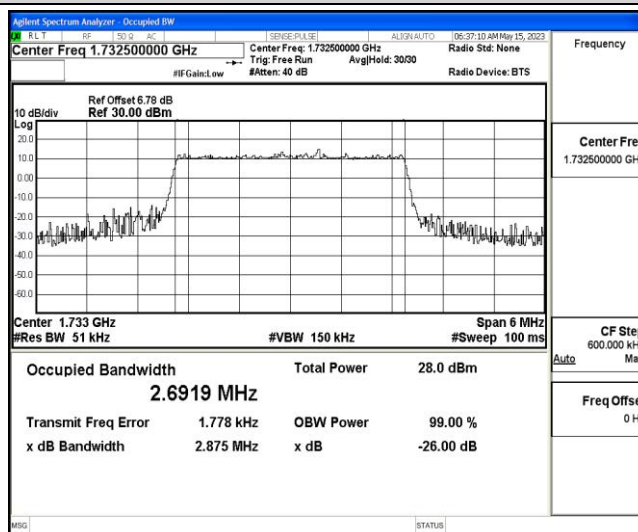
Scan code to check authenticity



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



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



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

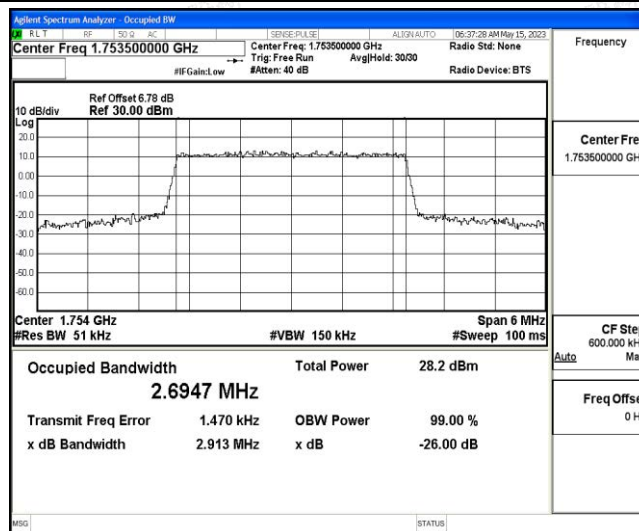


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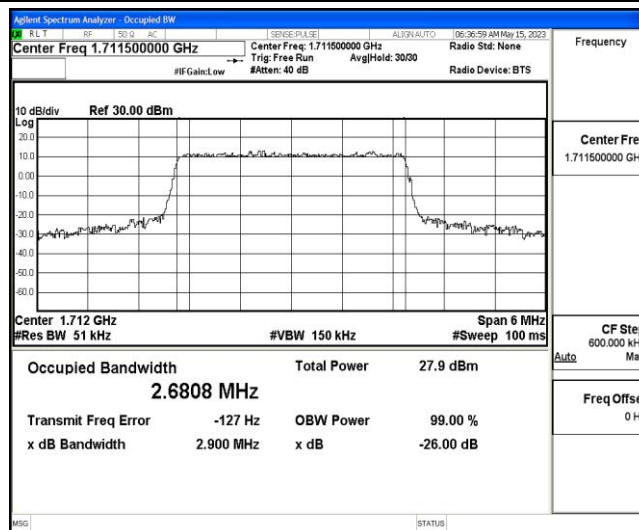
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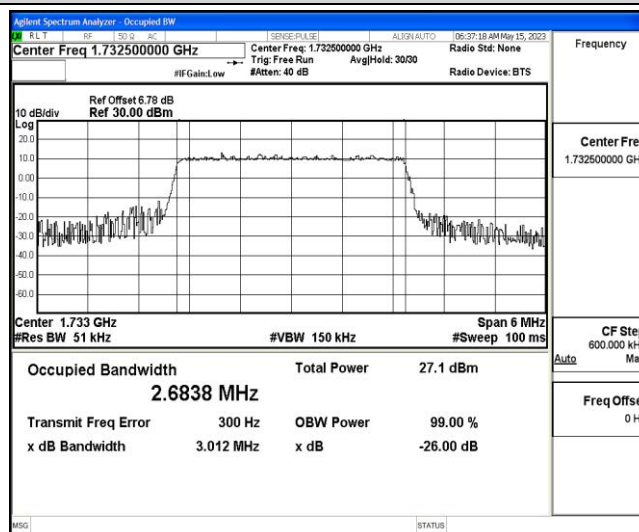
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Band4-3MHz-16QAM-19965-15RB#0



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



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

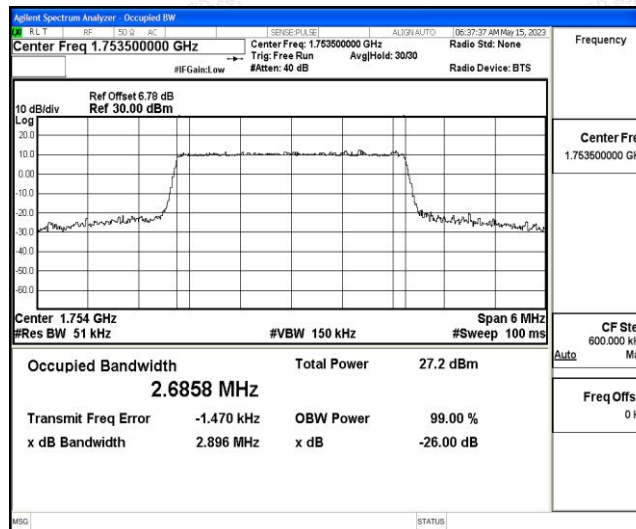


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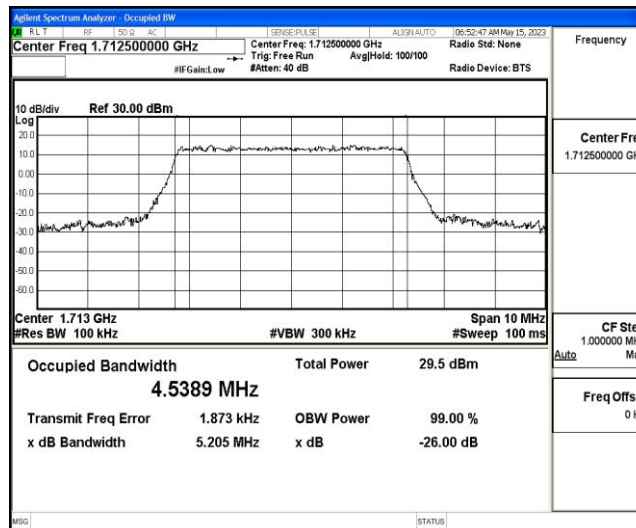
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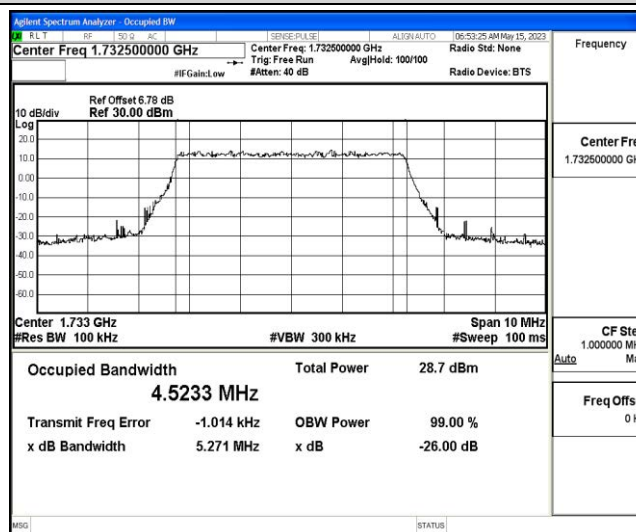
Scan code to check authenticity



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



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



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

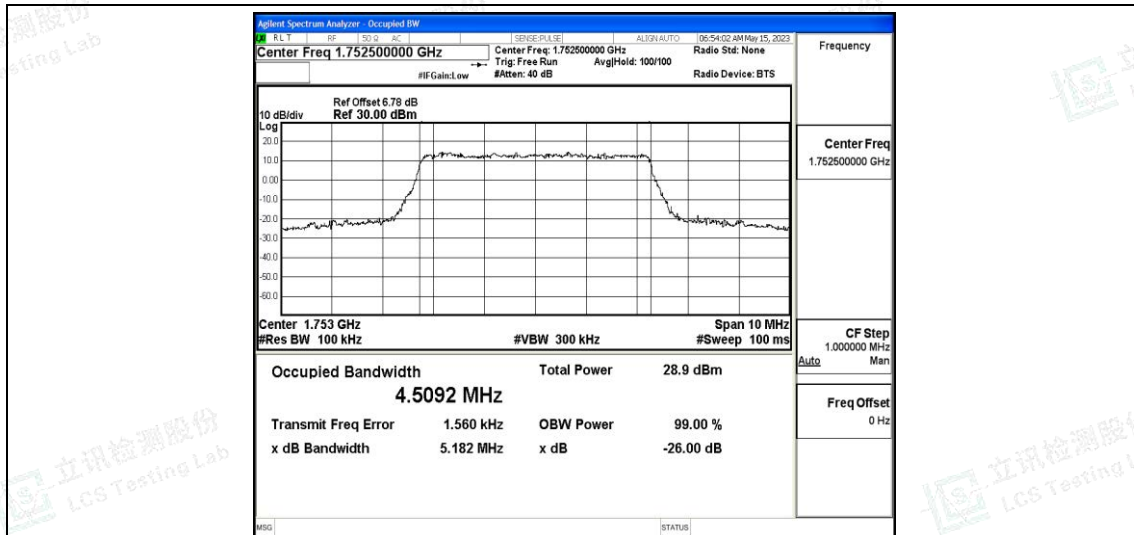


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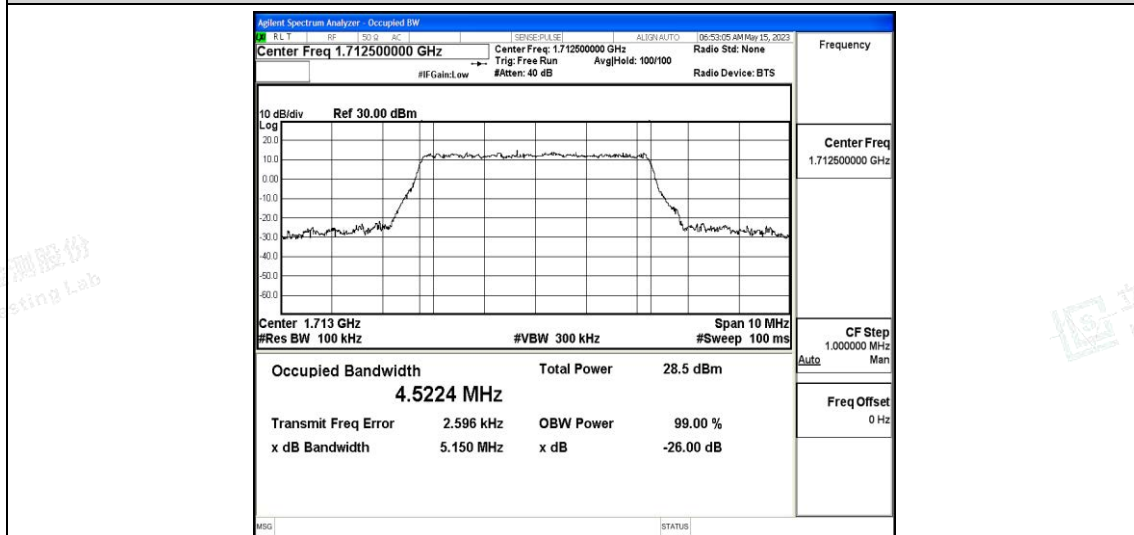
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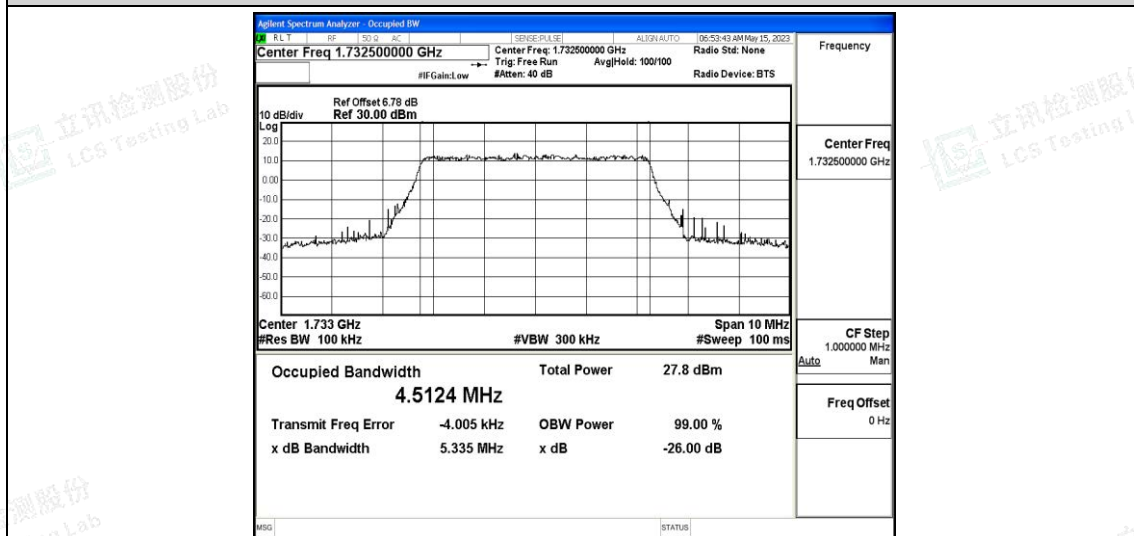
Scan code to check authenticity



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



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



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

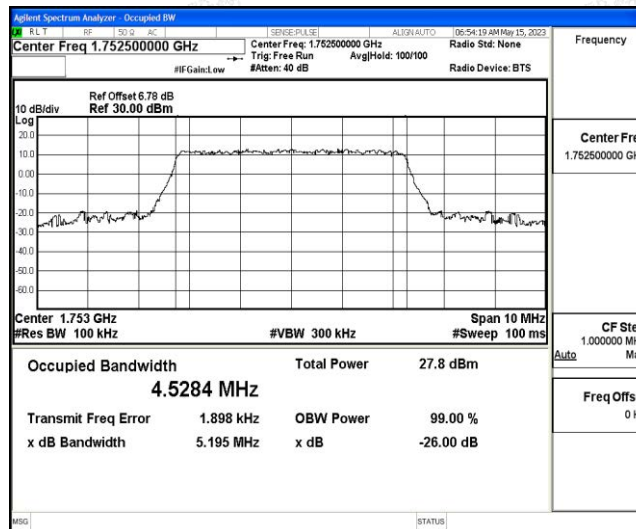


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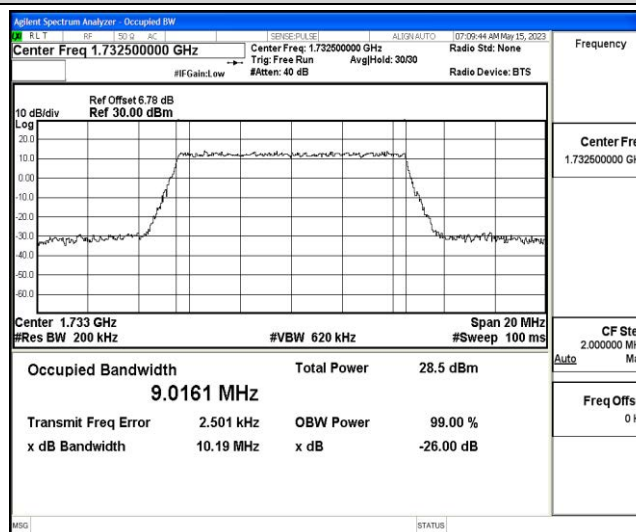
Scan code to check authenticity



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



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



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

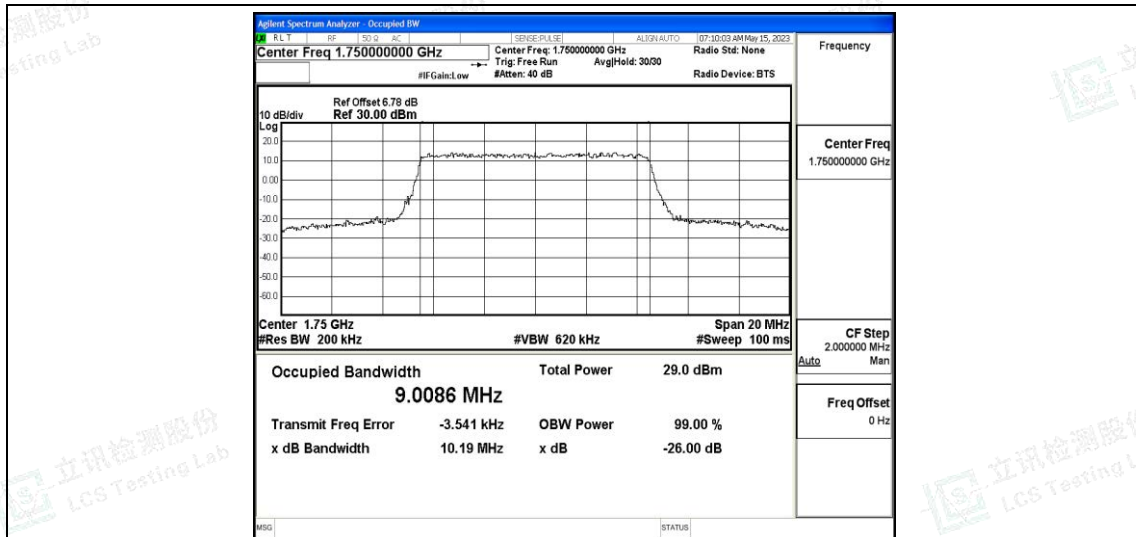


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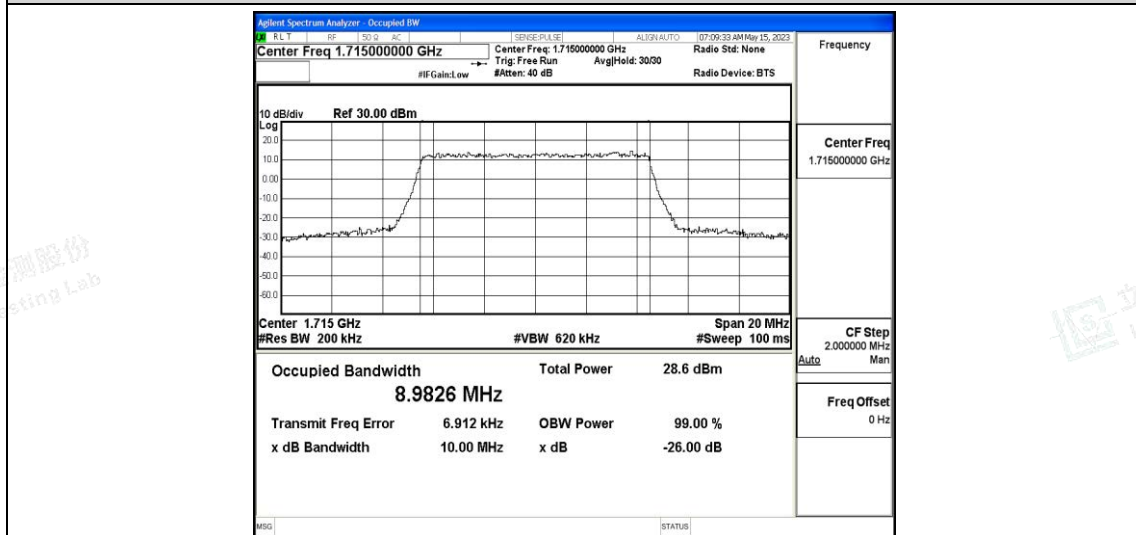
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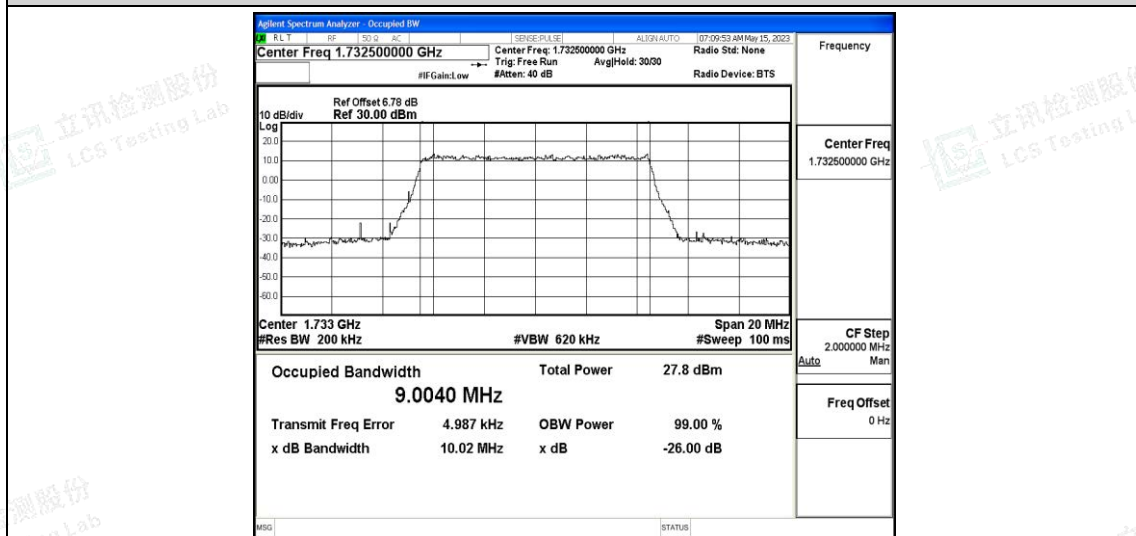
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Band4-10MHz-16QAM-20000-50RB#0

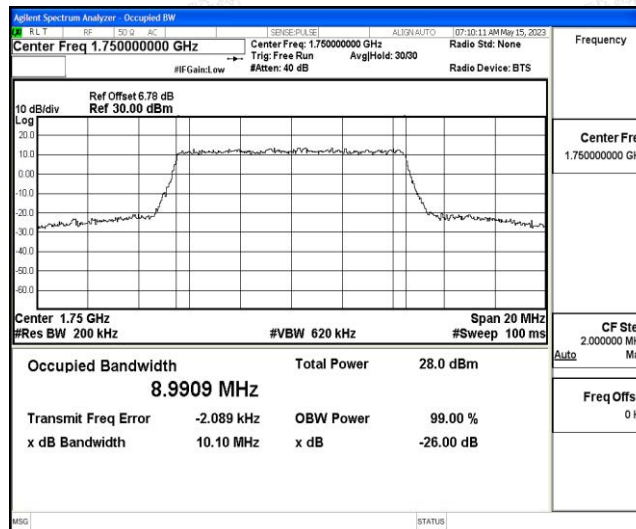


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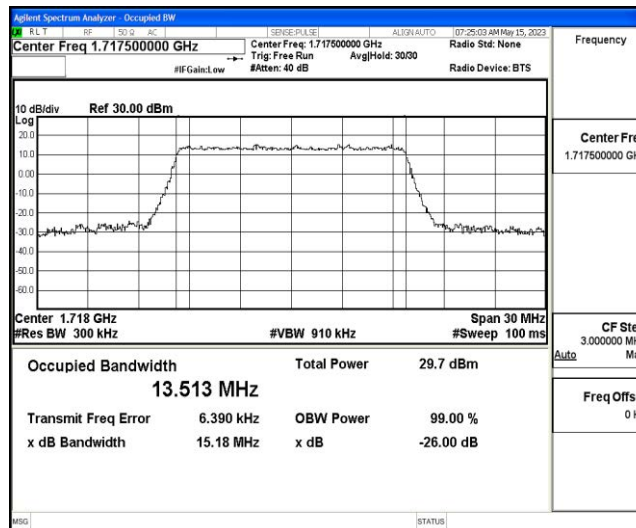


Band4-10MHz-16QAM-20350-50RB#0

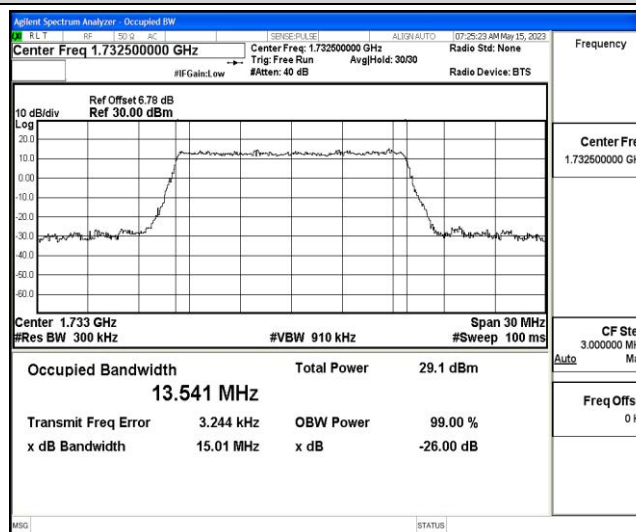




Band4-15MHz-QPSK-20025-75RB#0



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



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

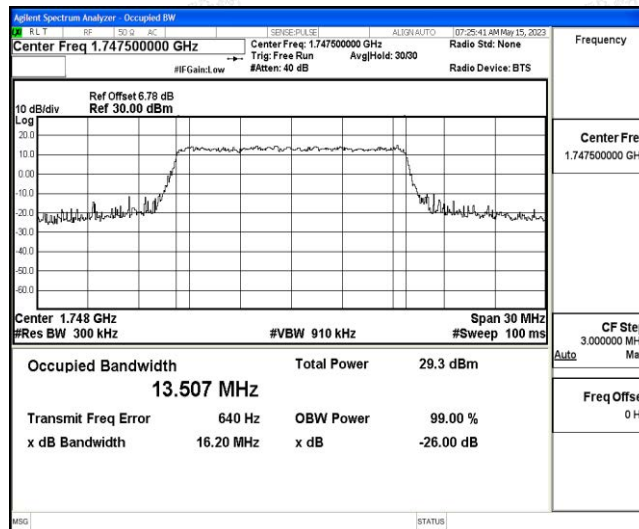


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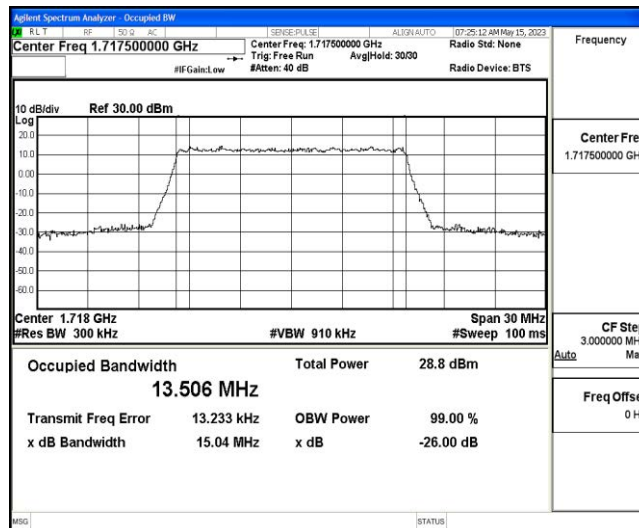
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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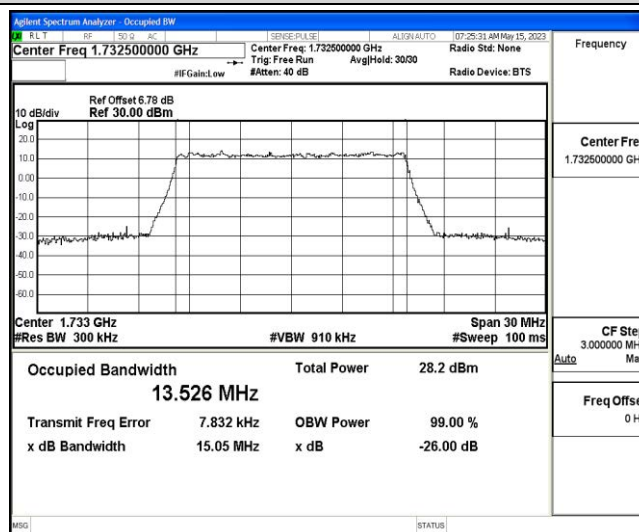
Scan code to check authenticity



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



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



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

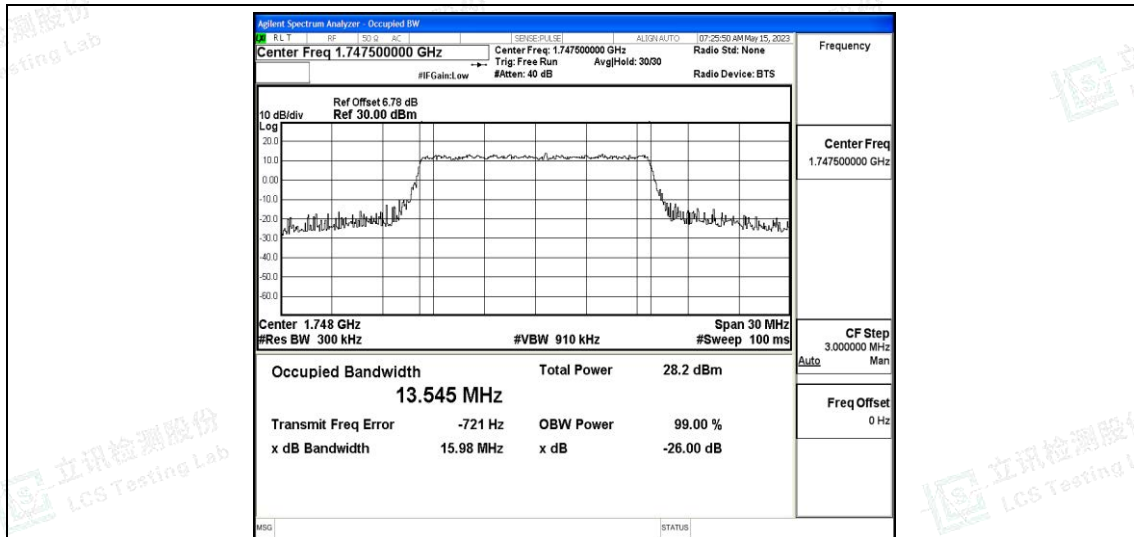


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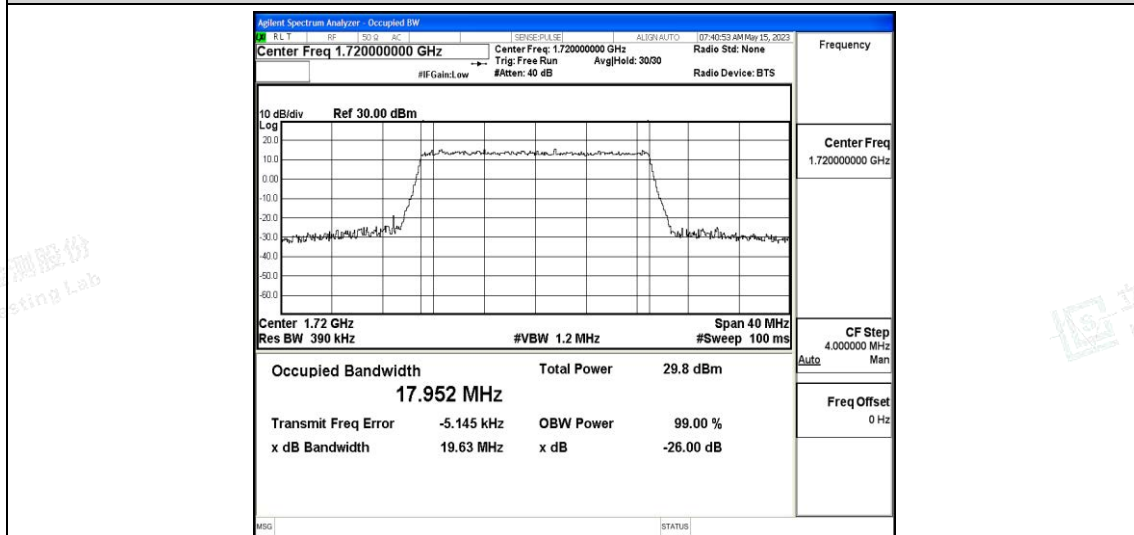
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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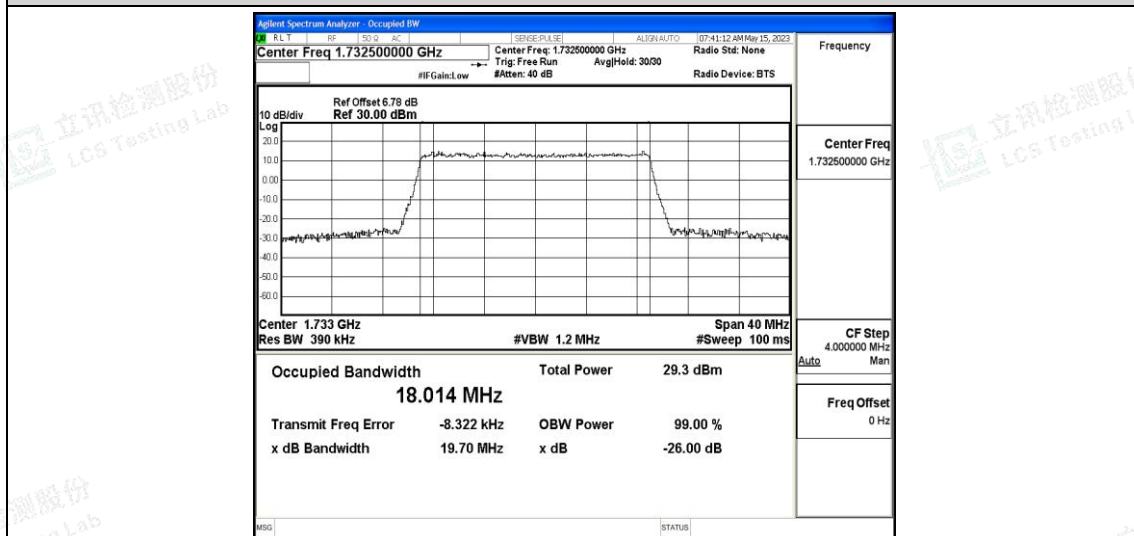
Scan code to check authenticity



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



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



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

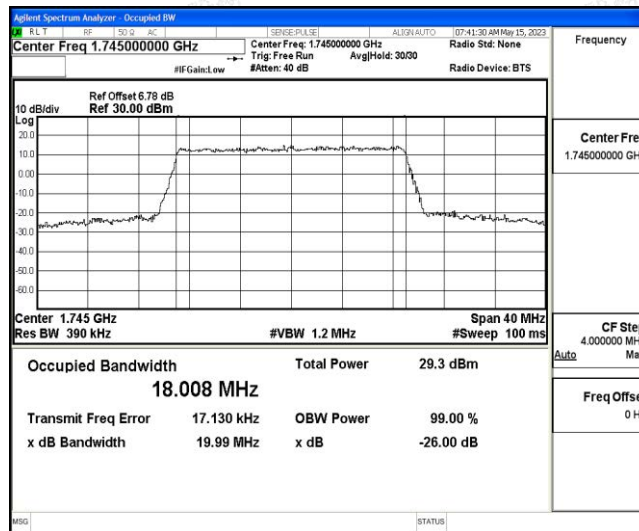


Shenzhen LCS Compliance Testing Laboratory Ltd.

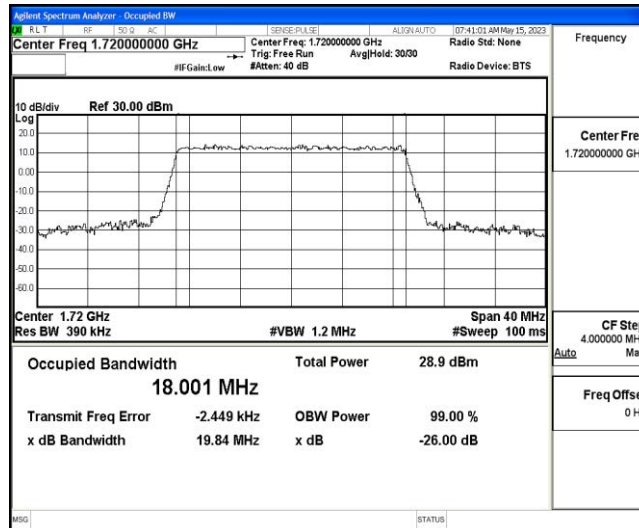
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

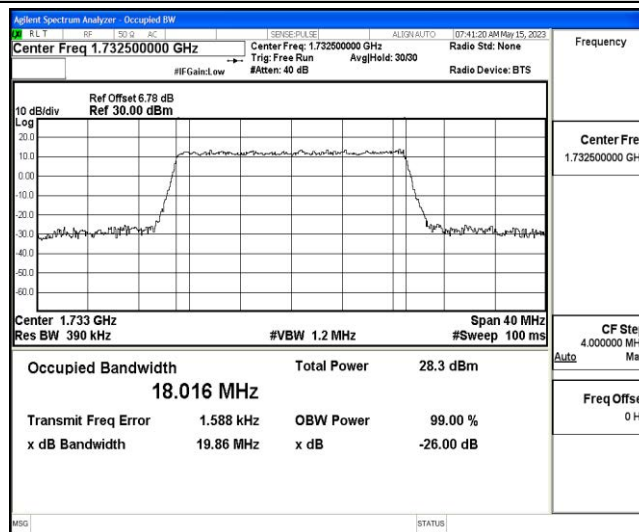
Scan code to check authenticity



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



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



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

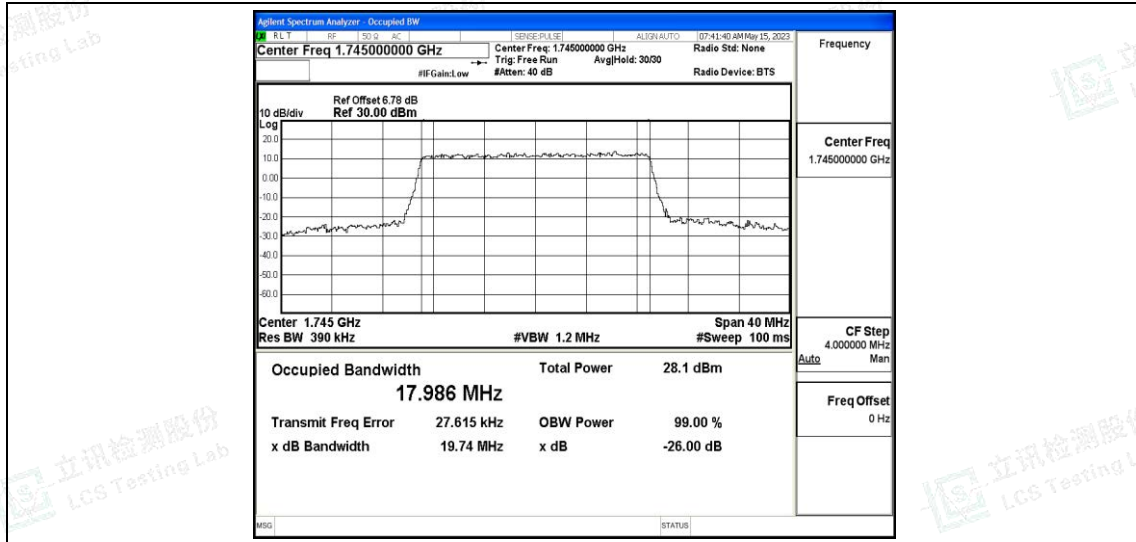


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E.4 Band Edge

Test Result

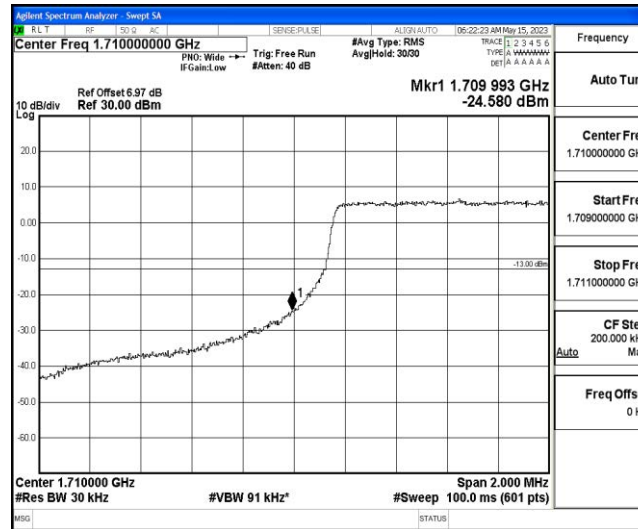
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-24.58	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-25.96	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-26.12	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-28.63	PASS
Band4	3MHz	QPSK	19965	15RB#0	-28.98	PASS
Band4	3MHz	QPSK	20385	15RB#0	-28.94	PASS
Band4	3MHz	16QAM	19965	15RB#0	-30.98	PASS
Band4	3MHz	16QAM	20385	15RB#0	-31.48	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.79	PASS
Band4	5MHz	QPSK	20375	25RB#0	-24.76	PASS
Band4	5MHz	16QAM	19975	25RB#0	-25.39	PASS
Band4	5MHz	16QAM	20375	25RB#0	-26.22	PASS
Band4	10MHz	QPSK	20000	50RB#0	-28.84	PASS
Band4	10MHz	QPSK	20350	50RB#0	-27.94	PASS
Band4	10MHz	16QAM	20000	50RB#0	-29.99	PASS
Band4	10MHz	16QAM	20350	50RB#0	-29.17	PASS
Band4	15MHz	QPSK	20025	75RB#0	-31.11	PASS
Band4	15MHz	QPSK	20325	75RB#0	-27.05	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.57	PASS
Band4	15MHz	16QAM	20325	75RB#0	-30.25	PASS
Band4	20MHz	QPSK	20050	100RB#0	-34.42	PASS
Band4	20MHz	QPSK	20300	100RB#0	-31.43	PASS
Band4	20MHz	16QAM	20050	100RB#0	-35.14	PASS
Band4	20MHz	16QAM	20300	100RB#0	-33.11	PASS



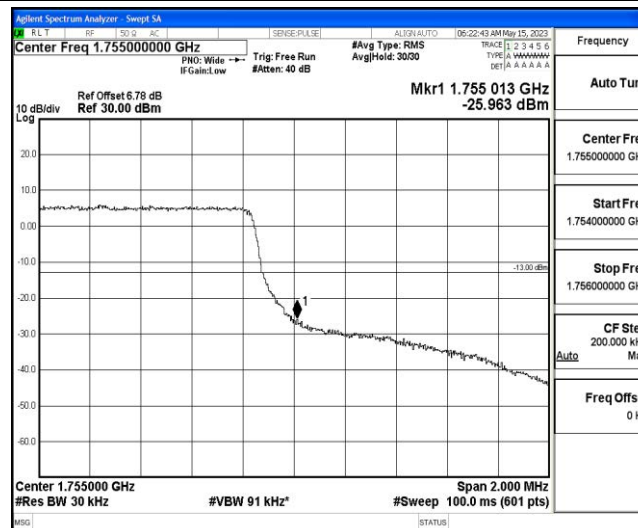


Test Graphs

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



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



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

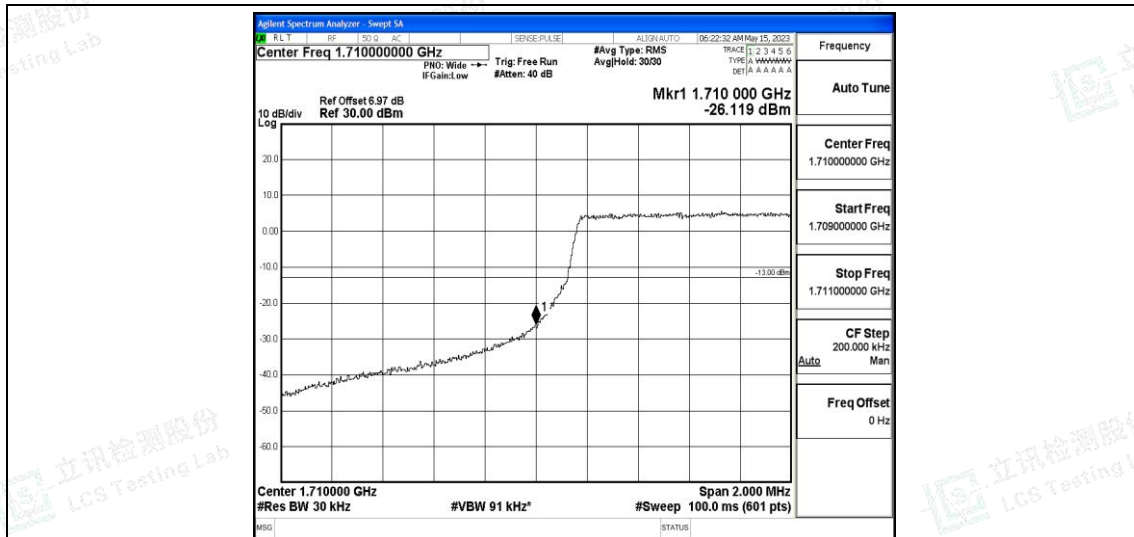


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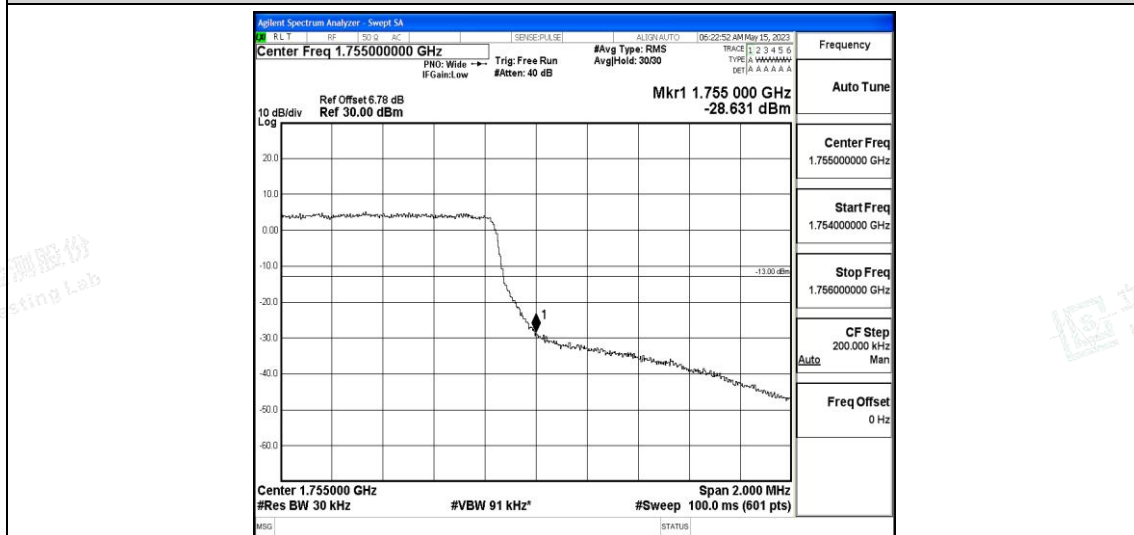
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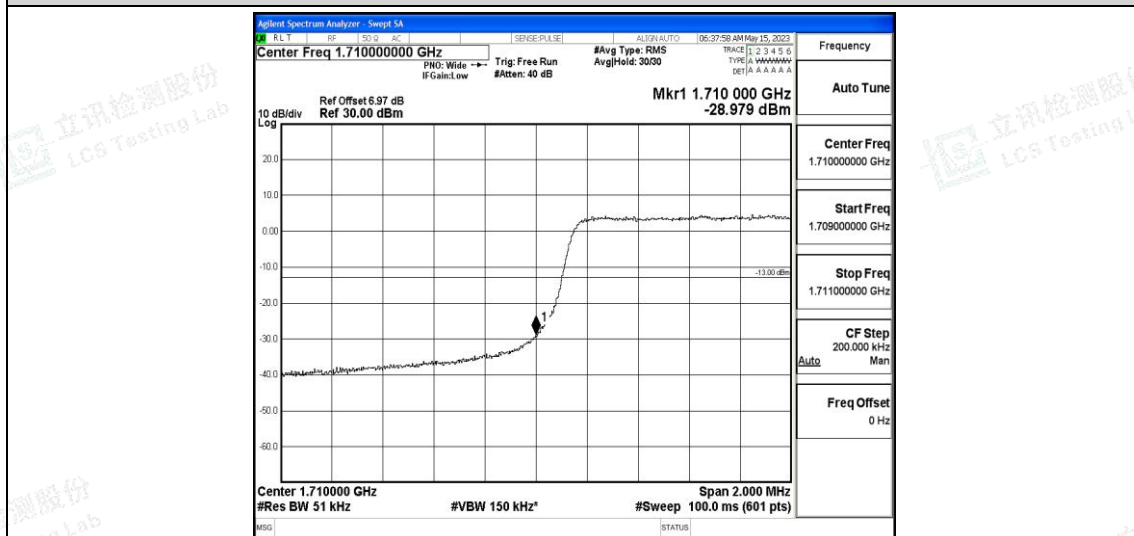
Scan code to check authenticity



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



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



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

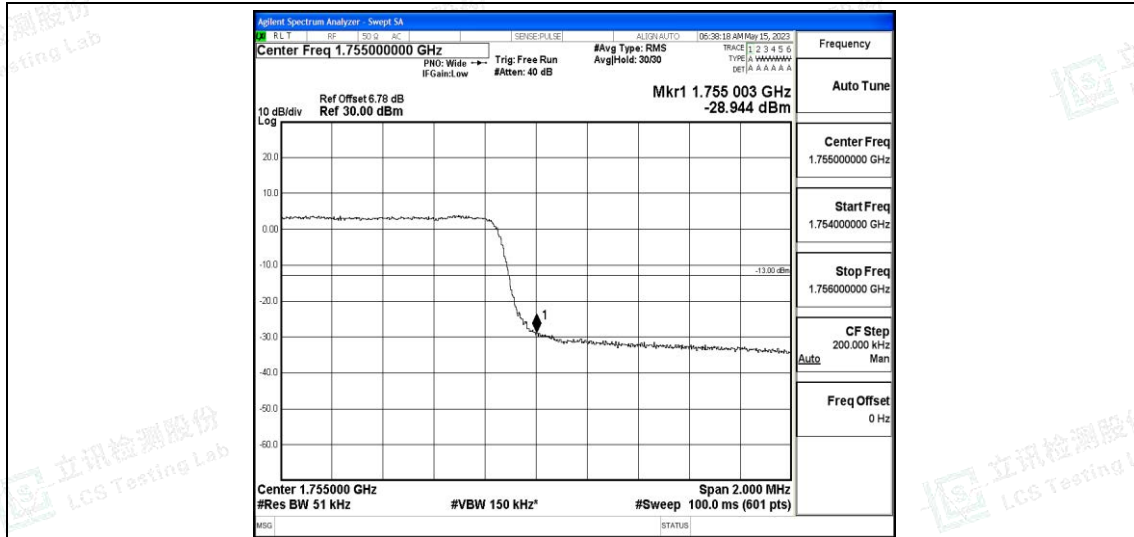


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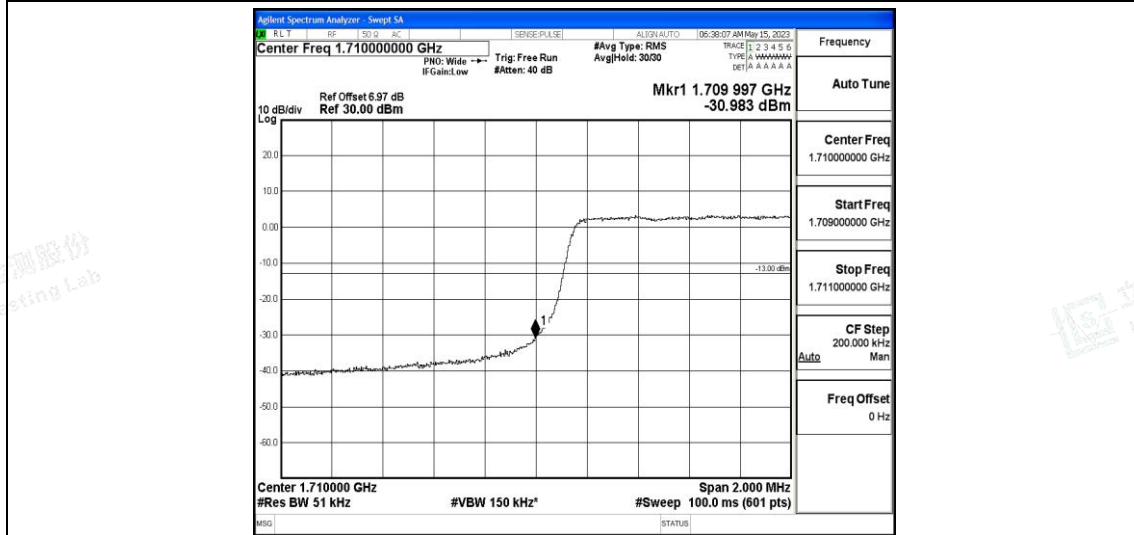
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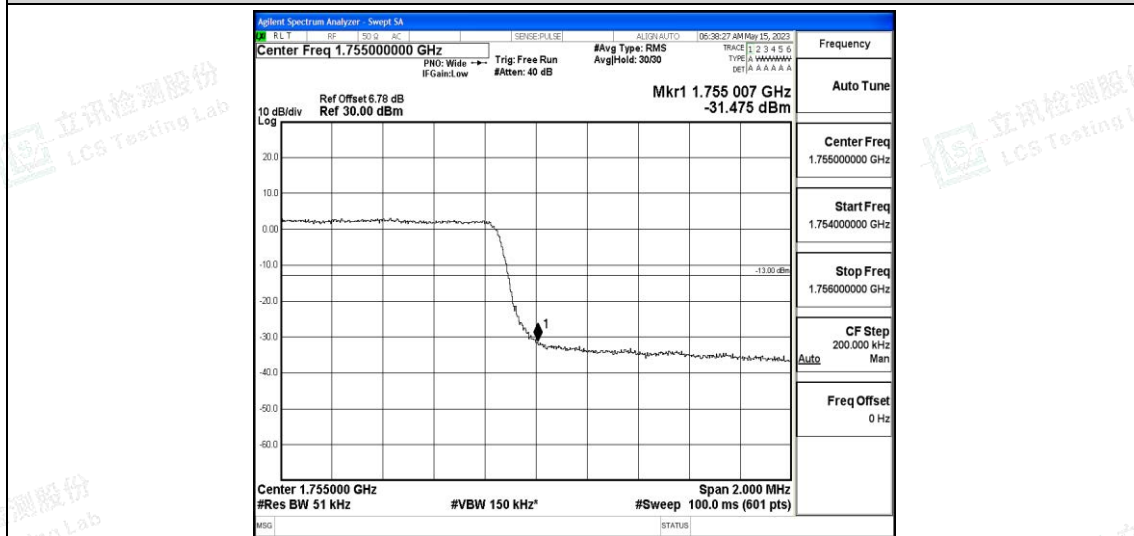
Scan code to check authenticity



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



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



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

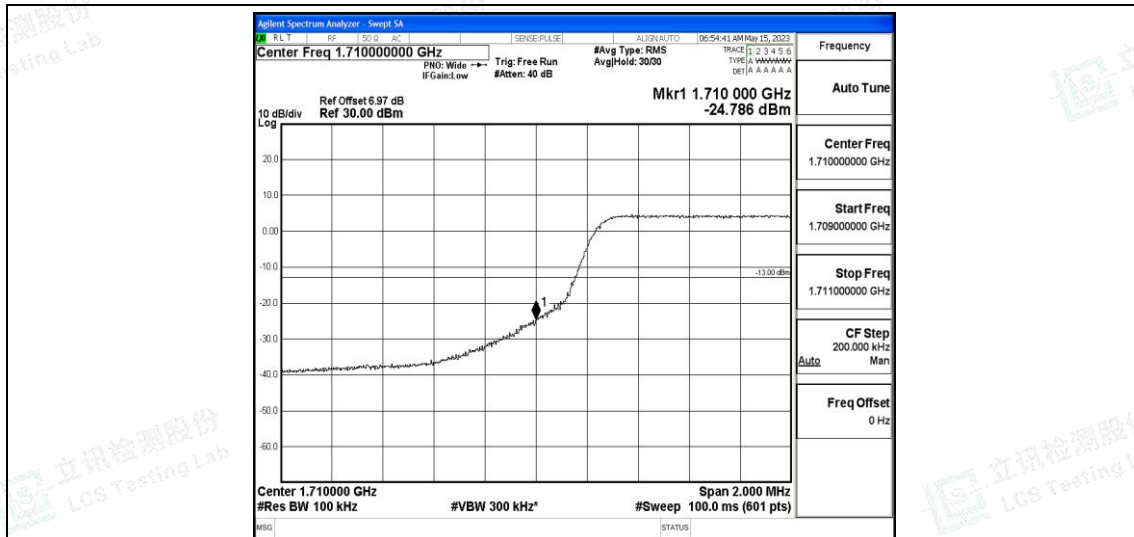


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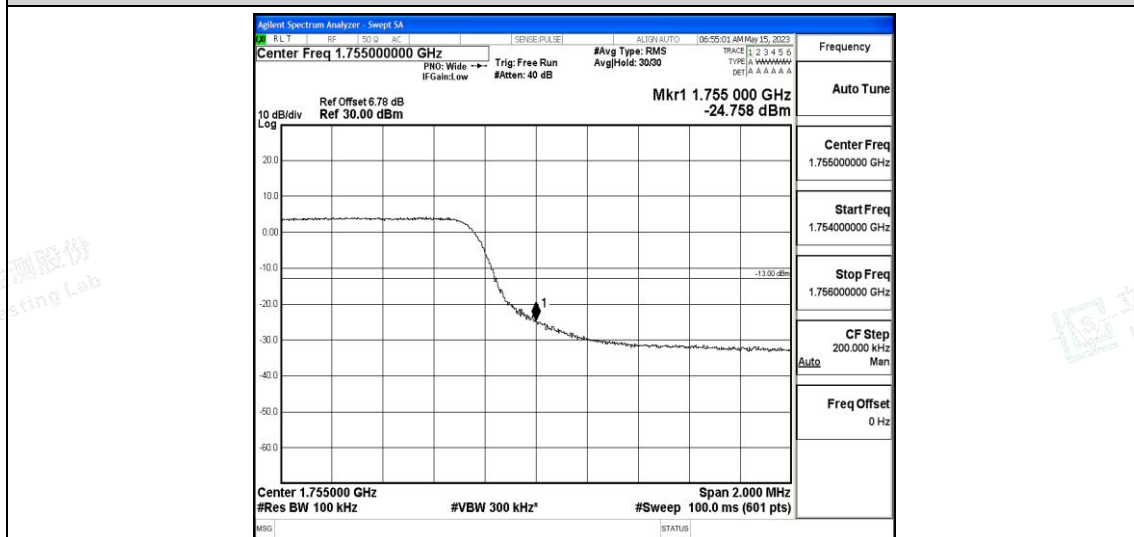
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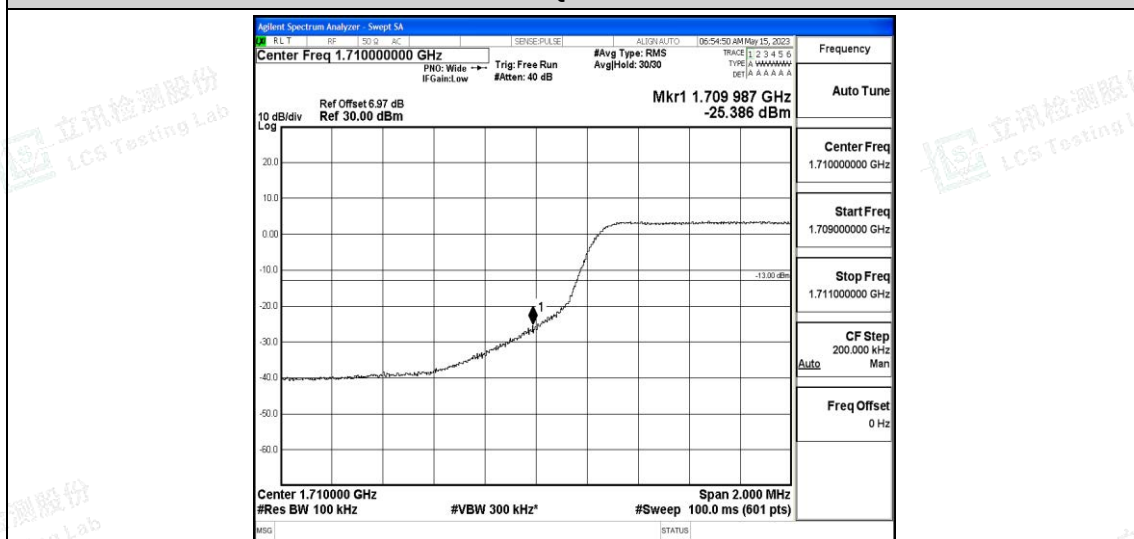
Scan code to check authenticity



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



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



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

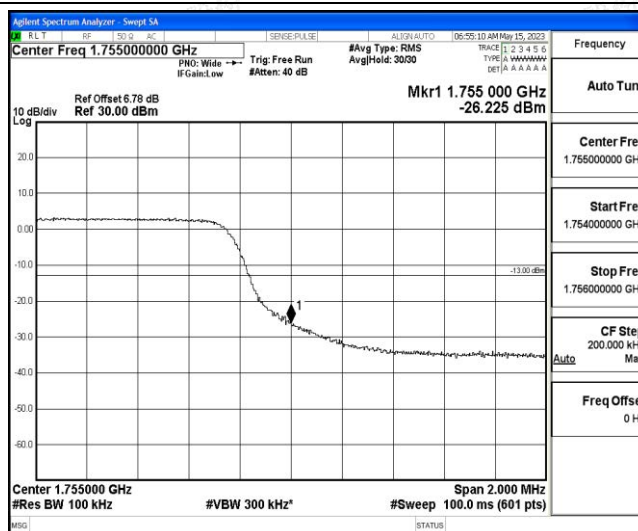


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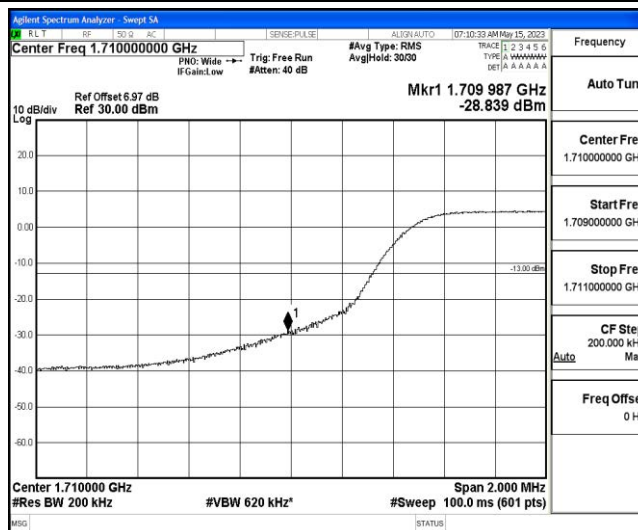
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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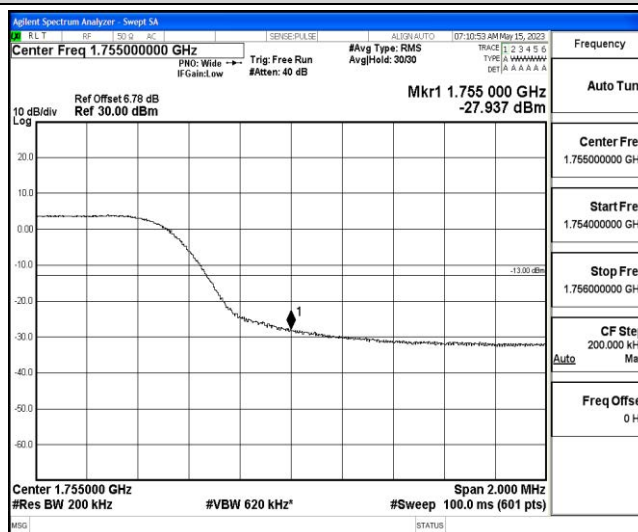
Scan code to check authenticity



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



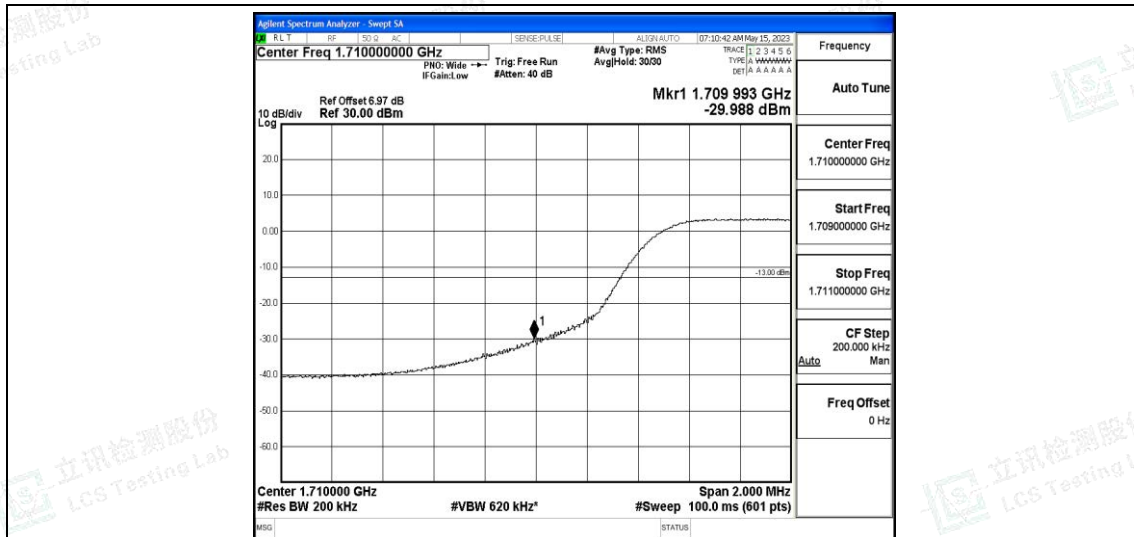
Band4-10MHz-QPSK-20350-50RB#0



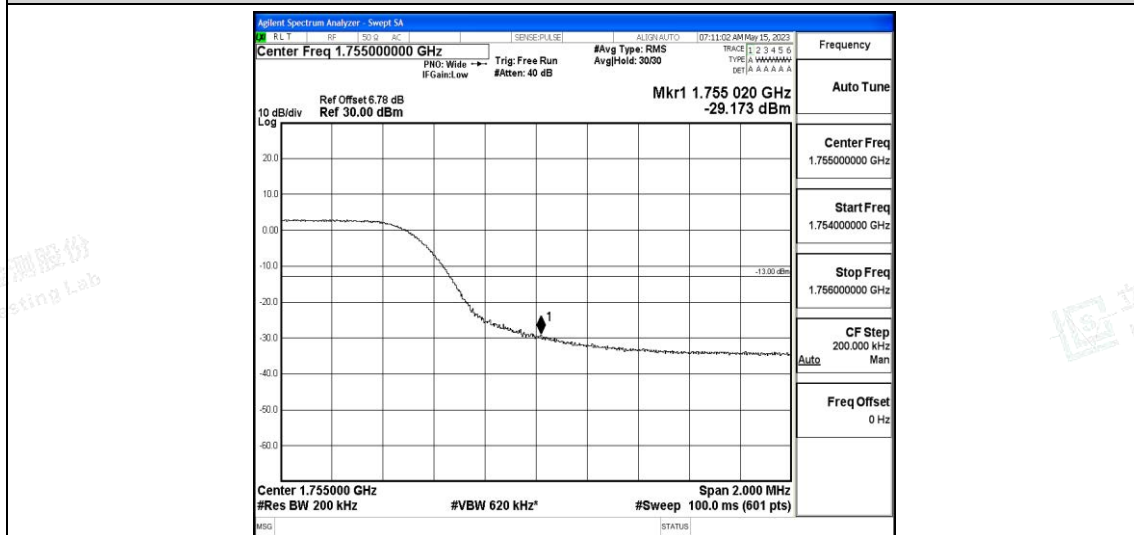
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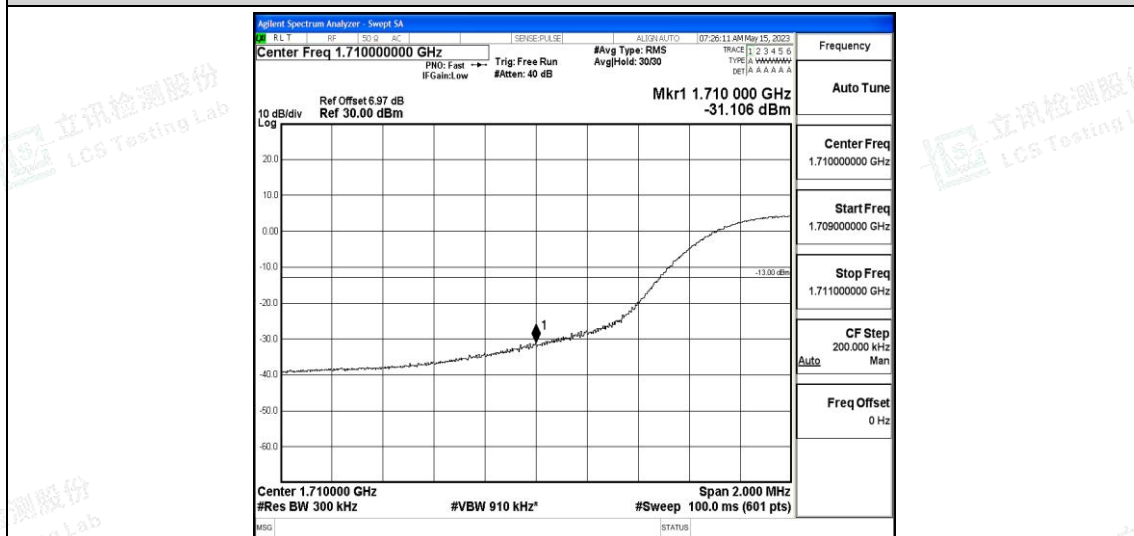
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Band4-10MHz-16QAM-20350-50RB#0



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



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

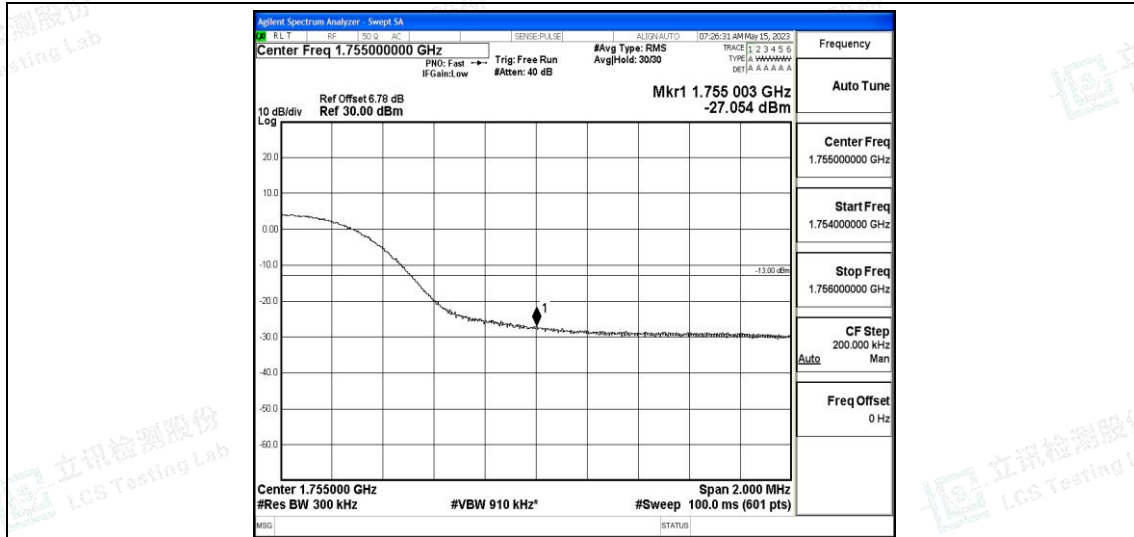


Shenzhen LCS Compliance Testing Laboratory Ltd.

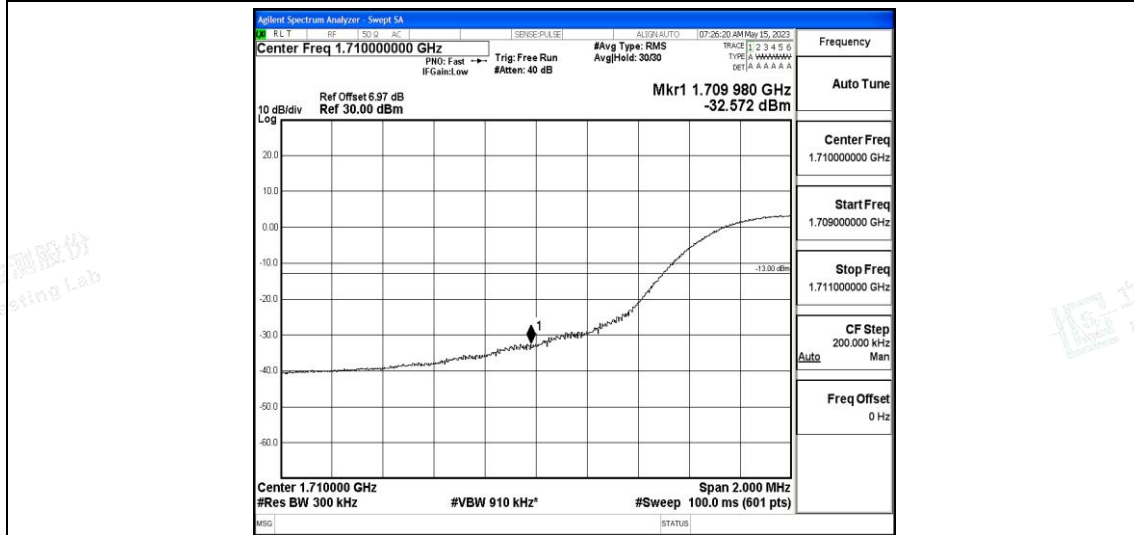
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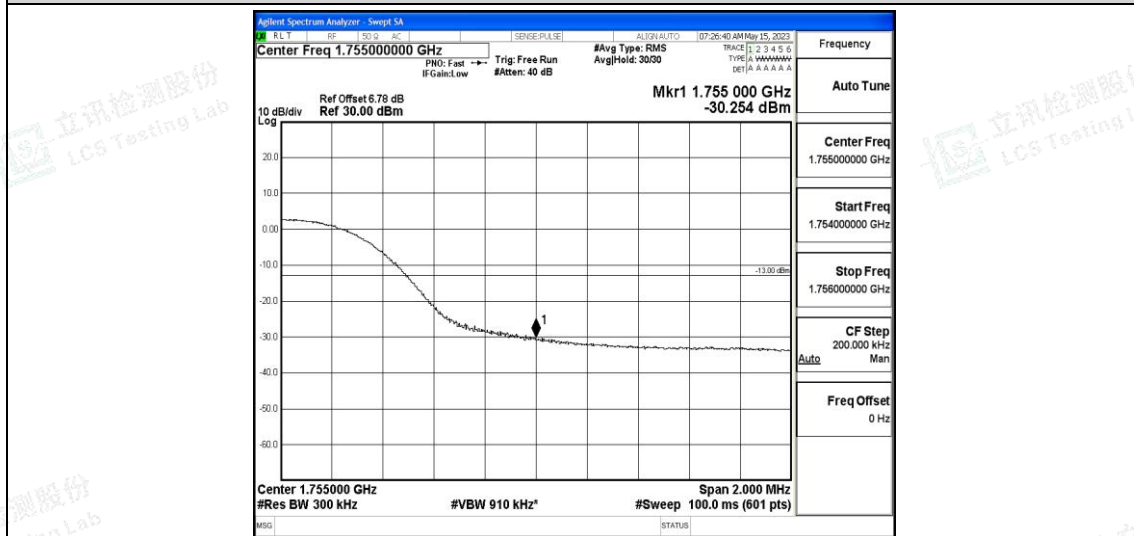
Scan code to check authenticity



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



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



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

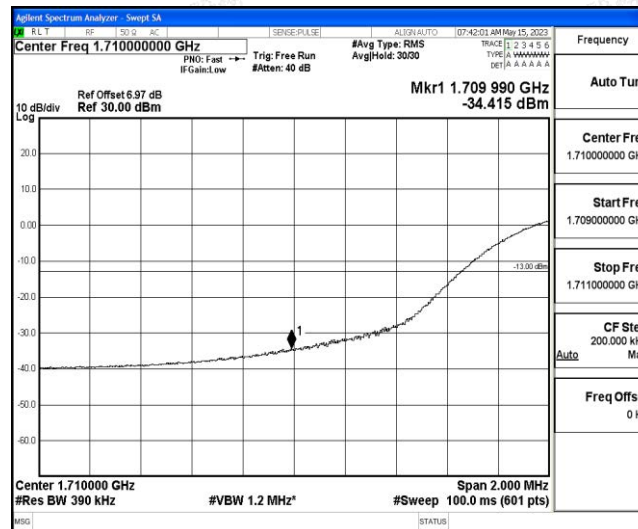


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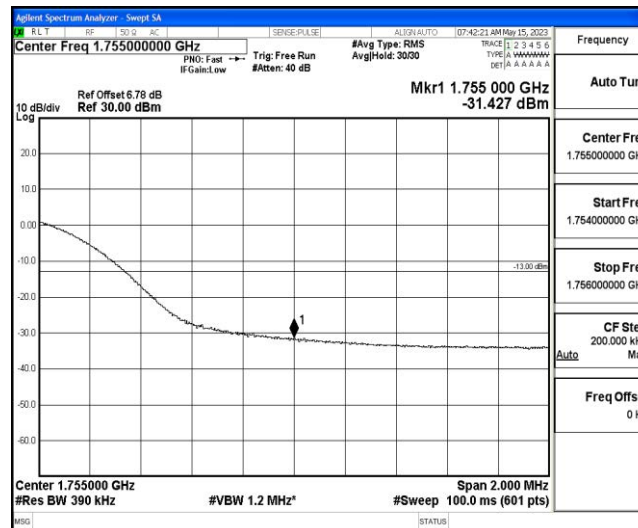
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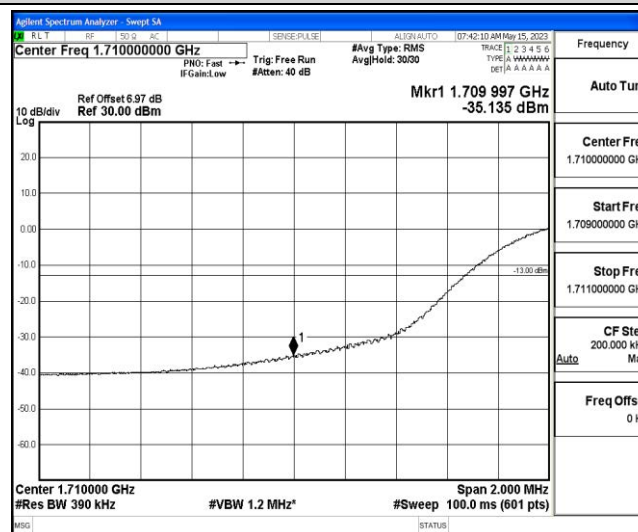
Scan code to check authenticity



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



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



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

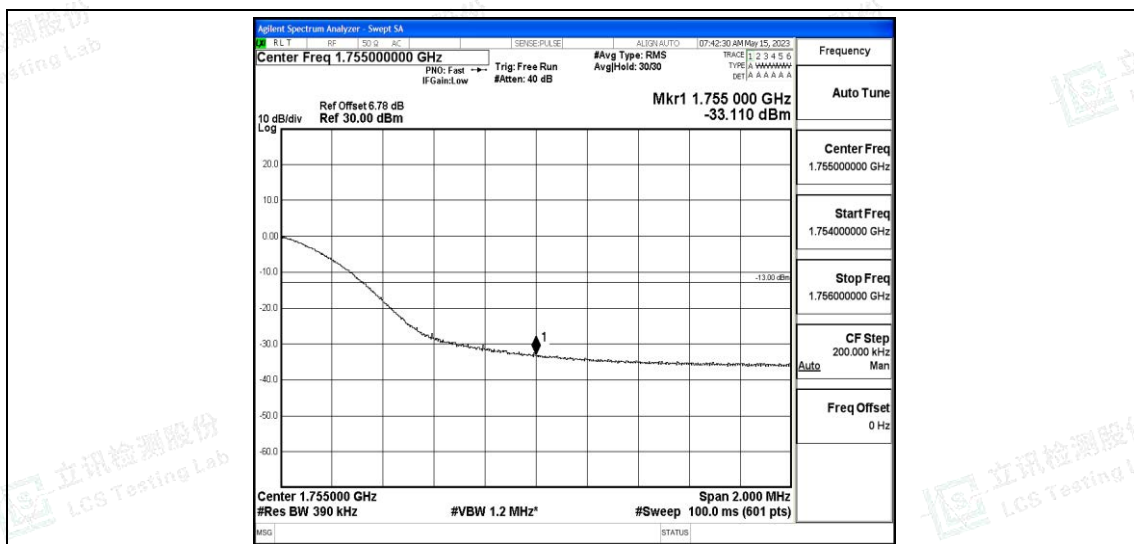


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E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:0.009~0.15MHz	-54.38	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	-51.32	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	-42	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range5:10000~20000MHz	-32.81	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.12	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.01	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.9	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-32.83	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	-55.89	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	-51.3	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	-42.07	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range5:10000~20000MHz	-32.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	-56.98	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	-51.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	-41.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range5:10000~20000MHz	-32.81	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-53.17	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.33	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.96	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.87	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	-55.92	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	-51.41	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range5:10000~20000MHz	-32.98	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	-55.75	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	-52.3	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	-40.98	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range4:1000~10000MHz	-44.67	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range5:10000~20000MHz	-32.96	PASS



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Band4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.86	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-40.9	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-32.81	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	-53.37	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	-51.74	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	-41.64	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range5:10000~20000MHz	-32.97	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	-55.14	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	-51.93	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:1000~10000MHz	-45	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range5:10000~20000MHz	-32.87	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.72	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.35	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.87	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	-54.85	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	-52.51	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	-41.84	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range5:10000~20000MHz	-33.03	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	-54.57	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	-50.48	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	-42.13	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range5:10000~20000MHz	-32.9	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.52	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.4	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.39	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.07	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	-54.75	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	-50.86	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	-42.19	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range5:10000~20000MHz	-33.02	PASS



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Band4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	-54.24	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	-51.16	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	-42.19	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range5:10000~20000MHz	-33.14	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.83	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.79	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.29	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.78	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.9	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:0.009~0.15MHz	-55.73	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:0.15~30MHz	-51.92	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:30~1000MHz	-41.97	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range4:1000~10000MHz	-44.75	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range5:10000~20000MHz	-33.07	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:0.009~0.15MHz	-55.88	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:0.15~30MHz	-49.57	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:30~1000MHz	-41.94	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range4:1000~10000MHz	-44.67	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range5:10000~20000MHz	-32.92	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.8	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-52.2	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.09	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-32.96	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:0.009~0.15MHz	-55.68	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:0.15~30MHz	-52.94	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:30~1000MHz	-42.02	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range5:10000~20000MHz	-32.91	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:0.009~0.15MHz	-55.86	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:0.15~30MHz	-50.74	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:30~1000MHz	-41.48	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range5:10000~20000MHz	-32.86	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.9	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-48.92	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.86	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.04	PASS



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Band4	10MHz	16QAM	20350	1RB#0	Range1:0.009~0.15MHz	-55.09	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:0.15~30MHz	-50.55	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:30~1000MHz	-42.25	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range5:10000~20000MHz	-33.08	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:0.009~0.15MHz	-57.12	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:0.15~30MHz	-50.11	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:30~1000MHz	-42.21	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range5:10000~20000MHz	-33	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.55	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.93	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.45	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.06	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:0.009~0.15MHz	-55.44	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:0.15~30MHz	-51.2	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:30~1000MHz	-41.96	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range4:1000~10000MHz	-44.58	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range5:10000~20000MHz	-32.96	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:0.009~0.15MHz	-56.38	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:0.15~30MHz	-50.74	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:30~1000MHz	-42.24	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range5:10000~20000MHz	-32.74	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.69	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.38	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.24	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.79	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:0.009~0.15MHz	-53	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:0.15~30MHz	-51.86	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:30~1000MHz	-42.23	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range5:10000~20000MHz	-33	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:0.009~0.15MHz	-53.26	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:0.15~30MHz	-51.46	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:30~1000MHz	-42.12	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range5:10000~20000MHz	-33.03	PASS



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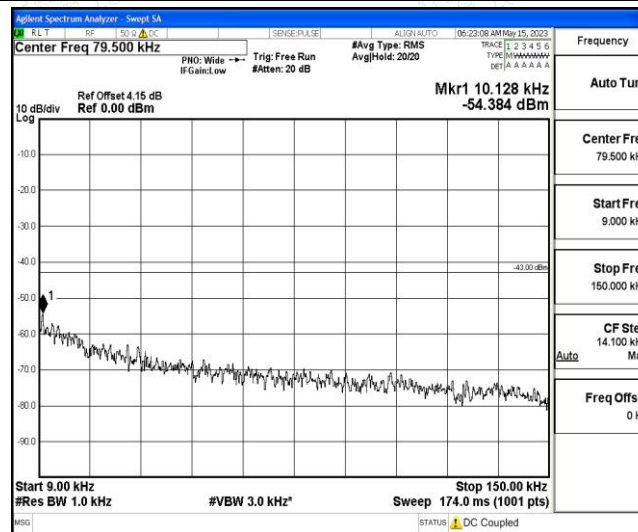
Band4	20MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-53.62	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-53.38	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.9	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:0.009~0.15MHz	-55.76	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:0.15~30MHz	-53.16	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:30~1000MHz	-42.25	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range5:10000~20000MHz	-33.1	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:0.009~0.15MHz	-56	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:0.15~30MHz	-50.94	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:30~1000MHz	-41.44	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range5:10000~20000MHz	-33.11	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.08	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.45	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.36	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.86	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:0.009~0.15MHz	-55.63	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:0.15~30MHz	-49.72	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:30~1000MHz	-41.72	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range5:10000~20000MHz	-32.98	PASS



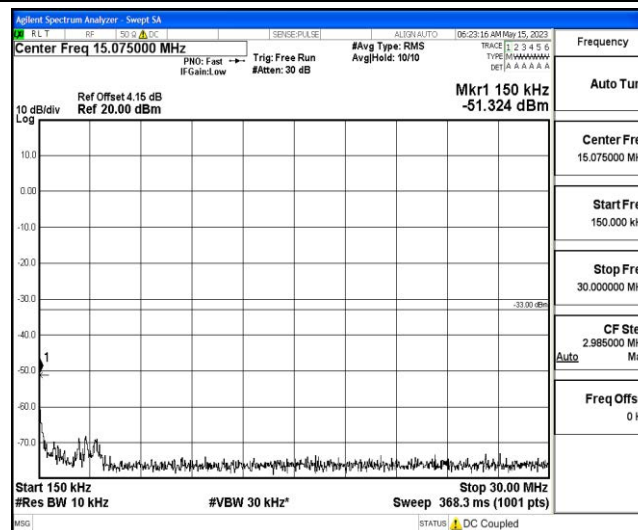


Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:0.009~0.15MHz

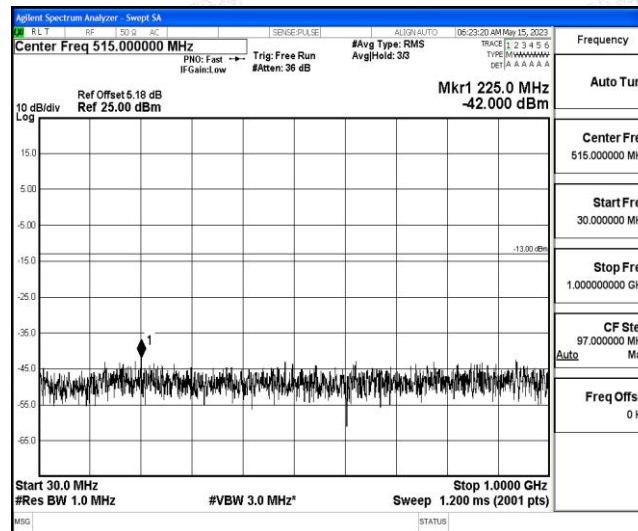


Band4-1.4MHz-QPSK-19957-1RB#0-Range2:0.15~30MHz

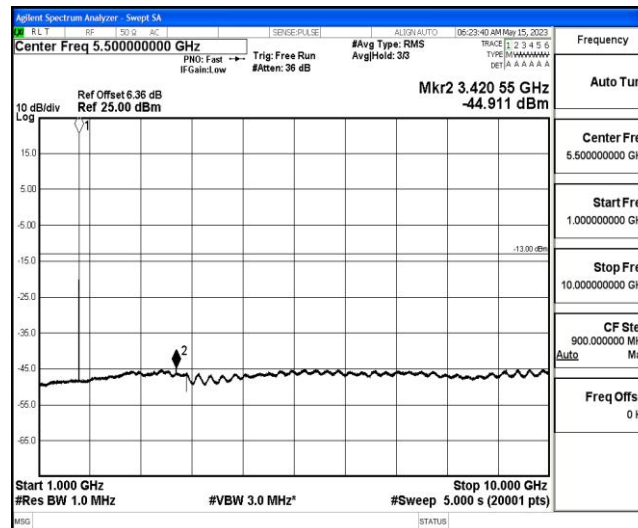


Band4-1.4MHz-QPSK-19957-1RB#0-Range3:30~1000MHz

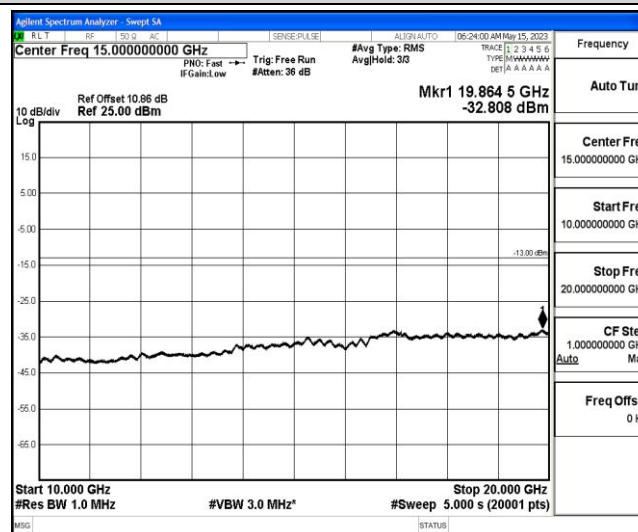




Band4-1.4MHz-QPSK-19957-1RB#0-Range4:1000~10000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range5:10000~20000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



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