



Appendix G: Test Data for E-UTRA Band 4

Product Name: Mstick4

Test Model: MG-S04

Environmental Conditions

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





G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.69	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.55	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.70	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.73	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.56	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.76	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.53	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.75	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.54	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.75	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.46	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.80	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.74	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.28	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.15	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.44	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.28	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.29	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.16	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.37	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.18	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.35	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.18	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.40	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.17	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.33	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.14	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.57	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.31	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.66	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.51	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.53	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.27	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.63	PASS



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Band4	1.4MHz	16QAM	20393	3RB#0	20.35	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.64	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.39	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.67	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.34	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.67	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.58	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.72	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.70	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.75	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.75	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.77	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.76	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.67	PASS
Band4	3MHz	16QAM	19965	8RB#0	19.68	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.67	PASS
Band4	3MHz	16QAM	19965	8RB#4	19.68	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.75	PASS
Band4	3MHz	16QAM	19965	8RB#7	19.75	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.71	PASS
Band4	3MHz	16QAM	19965	15RB#0	19.68	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.36	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.15	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.29	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.11	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.33	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.08	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.27	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.22	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.29	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.24	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.26	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.18	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.21	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.11	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.57	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.31	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.57	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.32	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.59	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.32	PASS



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Band4	3MHz	QPSK	20385	8RB#0	20.58	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.53	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.58	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.53	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.60	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.51	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.53	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.41	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.70	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.60	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.89	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.77	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.88	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.75	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.64	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.60	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.58	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.54	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.83	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.78	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.73	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.72	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.29	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.33	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.32	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.15	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.18	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.26	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.33	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.23	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.26	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.19	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.20	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.18	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.24	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.64	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.49	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.69	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.51	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.58	PASS



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Band4	5MHz	16QAM	20375	1RB#24	20.41	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.56	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.48	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.50	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.50	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.55	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.54	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.53	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.61	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.71	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.67	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.97	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.93	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.97	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.02	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.63	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.59	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.63	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.57	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.89	PASS
Band4	10MHz	16QAM	20000	25RB#25	19.85	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.78	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.75	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.11	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.39	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.16	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.18	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.96	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.34	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.35	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.27	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.32	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.15	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.17	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.28	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.22	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.76	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.59	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.67	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.44	PASS



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Band4	10MHz	QPSK	20350	1RB#49	21.53	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.27	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.62	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.66	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.63	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.64	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.64	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.67	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.62	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.65	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.65	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.63	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.97	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.96	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.12	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.06	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.96	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.98	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.97	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.97	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.98	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.97	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.99	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.90	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.14	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.25	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.40	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.90	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.06	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.27	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.23	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.22	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.29	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.27	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.29	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.24	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.25	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.99	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.67	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.75	PASS



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Band4	15MHz	16QAM	20325	1RB#38	20.50	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.45	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.29	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.81	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.82	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.85	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.78	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.81	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.80	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.77	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.78	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.55	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.39	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.24	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.13	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.07	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.92	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.76	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.73	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.77	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.75	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.08	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.04	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.88	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.91	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.94	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.09	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.47	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.57	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.73	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.84	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.41	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.34	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.31	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.42	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.09	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.07	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.23	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.23	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.93	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.69	PASS



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Band4	20MHz	QPSK	20300	1RB#49	21.93	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.71	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.25	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.12	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.06	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.07	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.06	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.08	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.82	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.86	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.92	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.96	PASS



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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	1RB#0	4.23	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.33	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.98	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.82	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.18	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.44	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.23	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.99	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.11	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.81	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.67	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.26	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.16	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.98	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.81	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.23	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.12	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.51	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.32	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.17	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.12	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.99	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.83	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.37	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.06	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.32	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.02	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.34	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.81	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.67	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.31	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.61	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.26	13	PASS



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Band4	5MHz	QPSK	20375	25RB#0	5.32	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.03	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.24	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.16	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.25	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.00	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.16	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.03	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.66	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.37	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.88	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.65	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.40	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.17	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.25	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.19	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.54	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.10	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.09	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.99	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.00	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.47	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.12	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.99	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.75	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.27	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.27	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.04	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.34	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.13	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.86	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.52	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.66	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.39	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	5.36	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	6.19	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.63	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.30	13	PASS



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Test Graphs

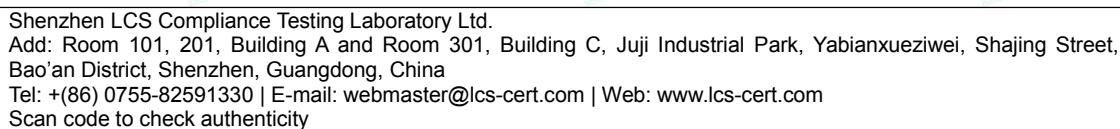


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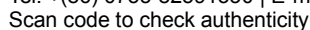
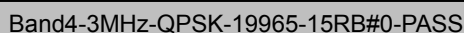
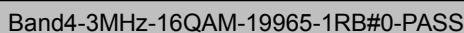
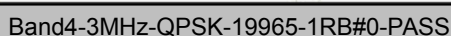


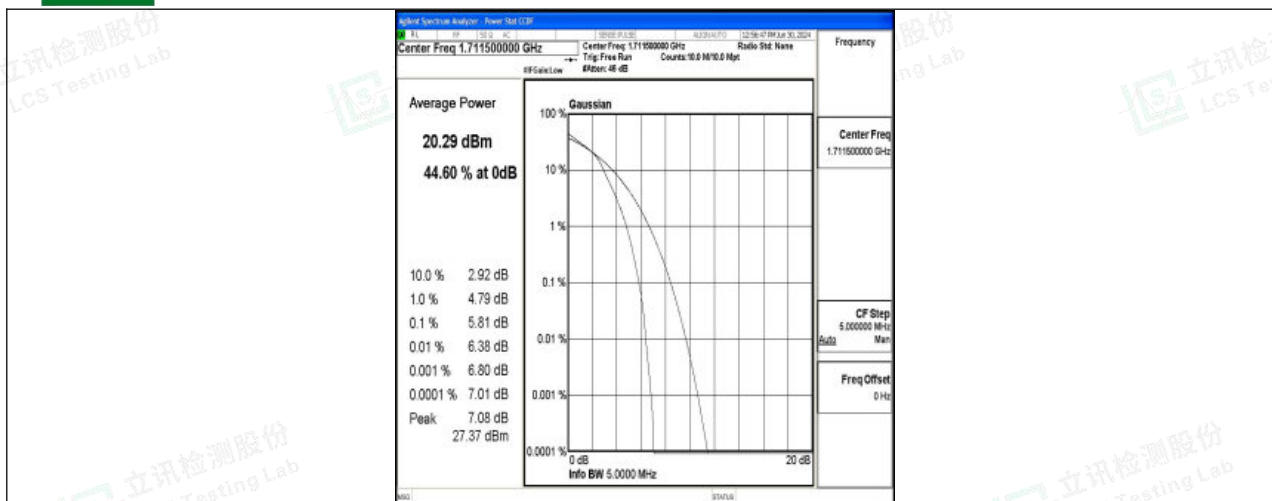
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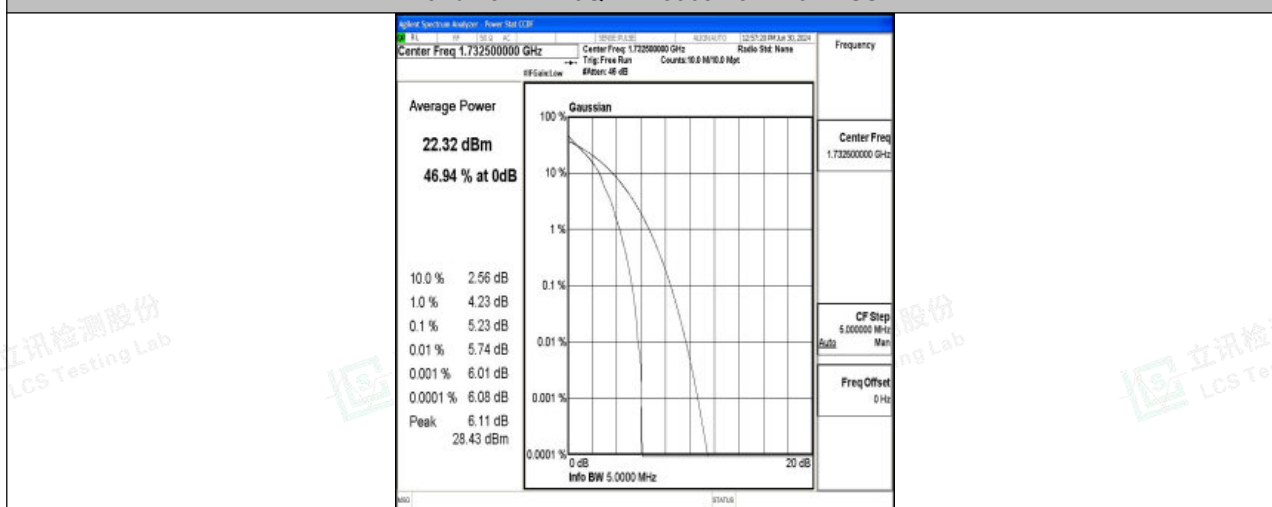
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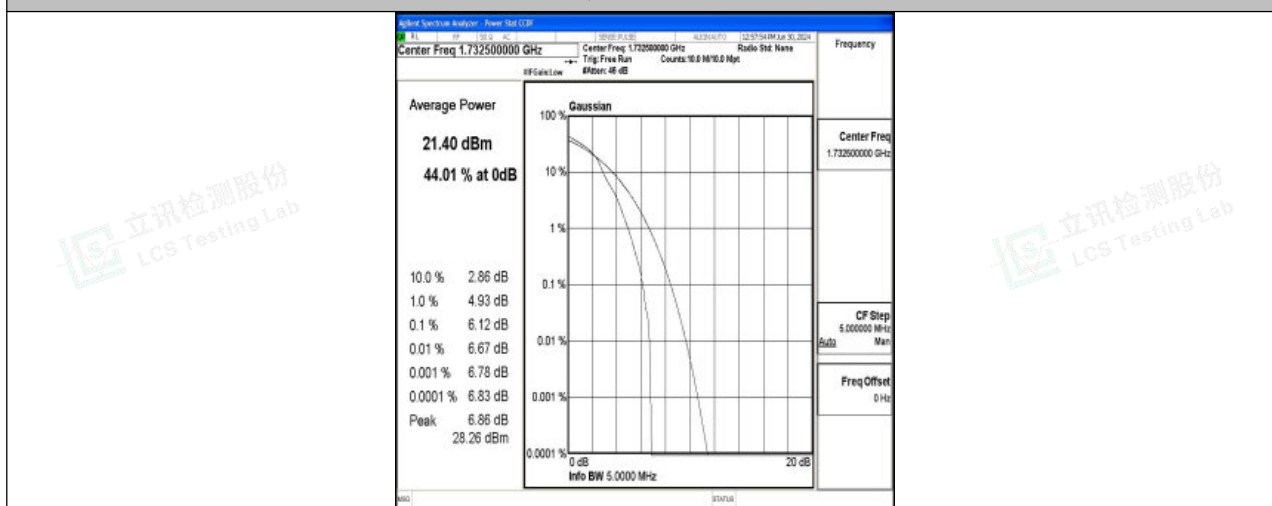




Band4-3MHz-16QAM-19965-15RB#0-PASS



Band4-3MHz-QPSK-20175-1RB#0-PASS



Band4-3MHz-16QAM-20175-1RB#0-PASS



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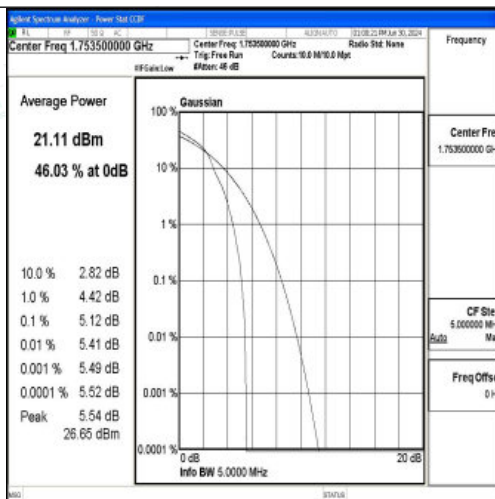


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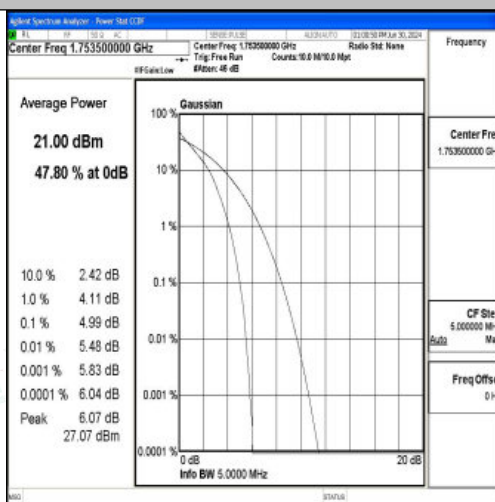
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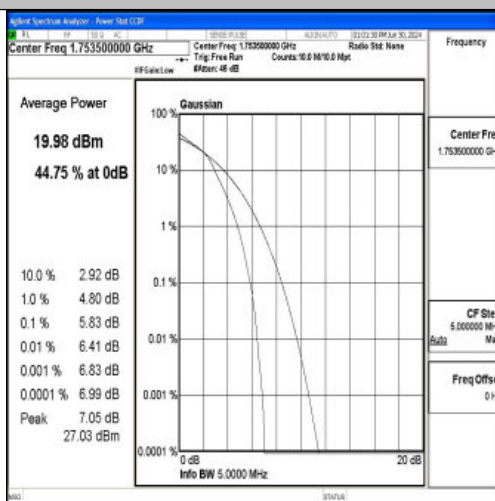
Scan code to check authenticity



Band4-3MHz-16QAM-20385-1RB#0-PASS



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



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



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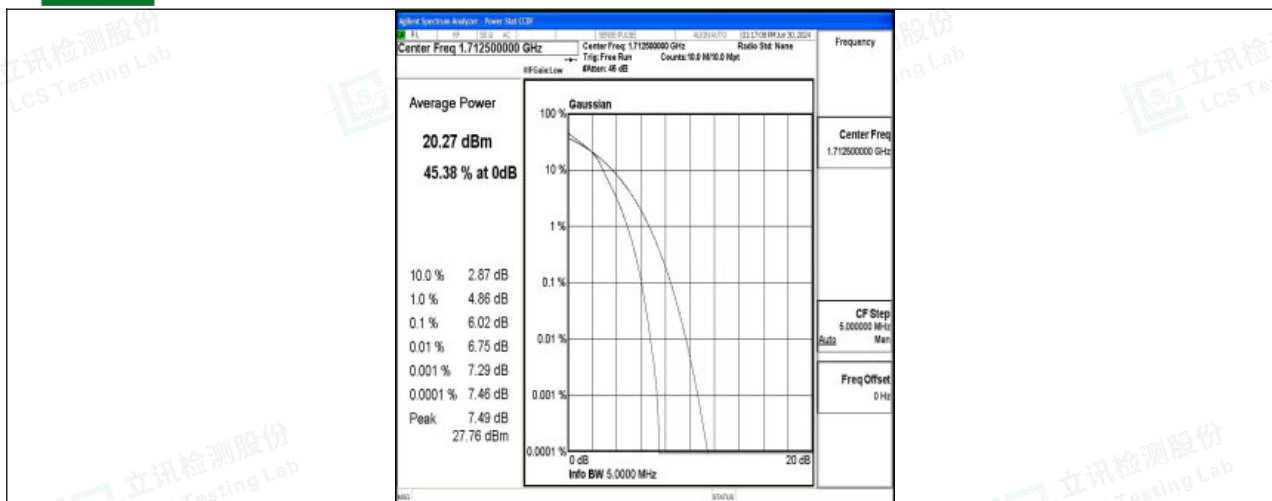


Shenzhen LCS Compliance Testing Laboratory Ltd.

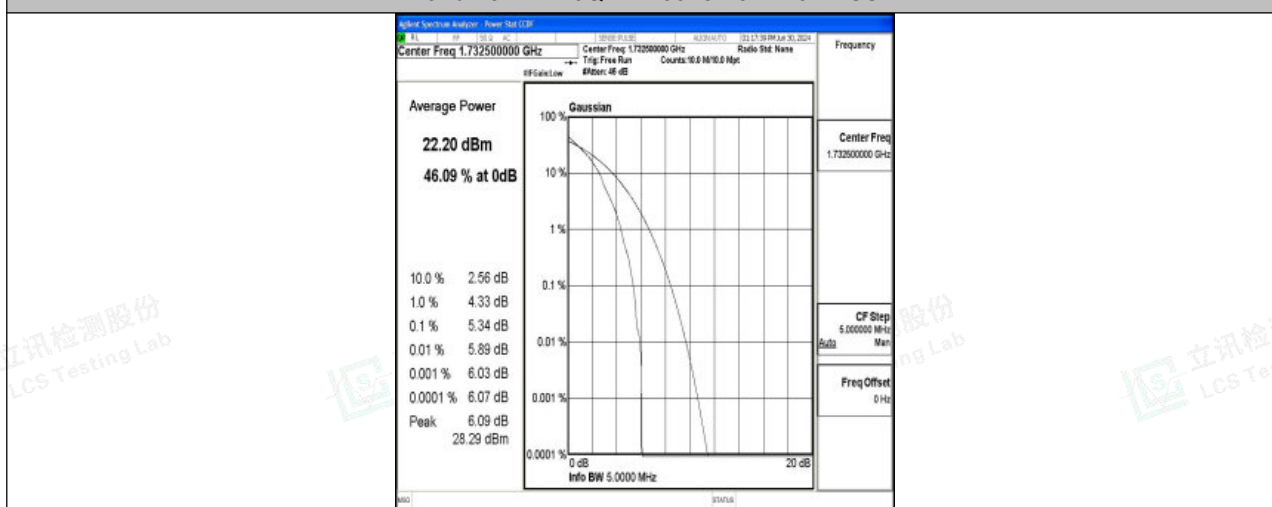
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

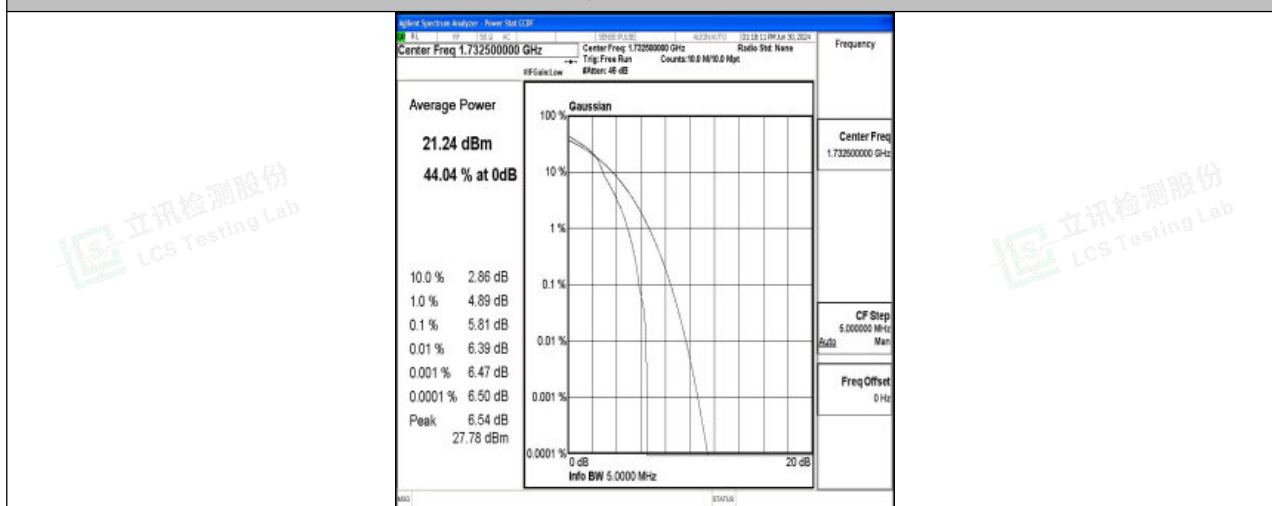
Scan code to check authenticity



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



Band4-5MHz-QPSK-20175-1RB#0-PASS



Band4-5MHz-16QAM-20175-1RB#0-PASS



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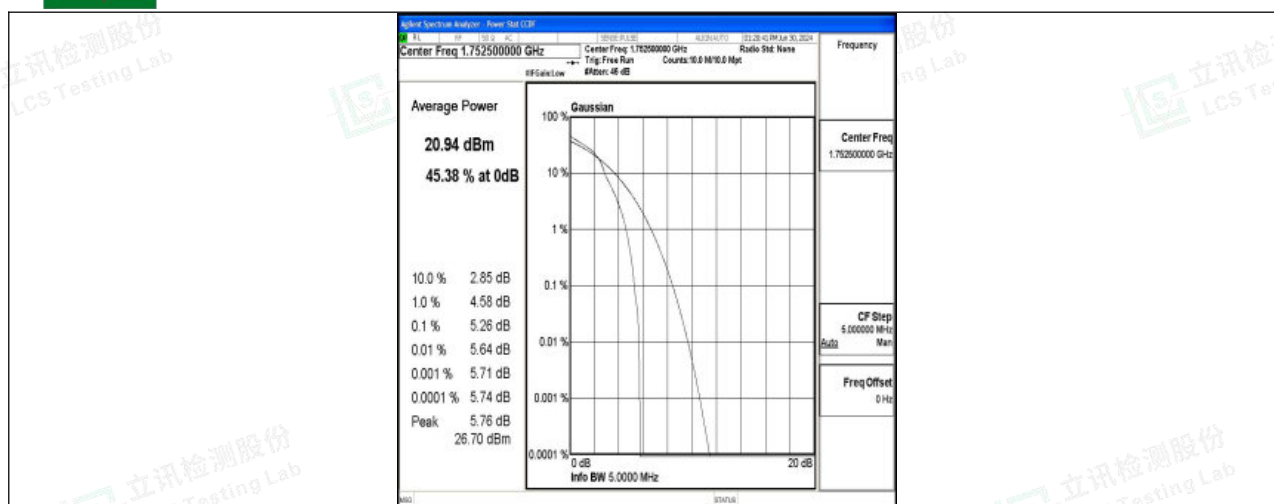


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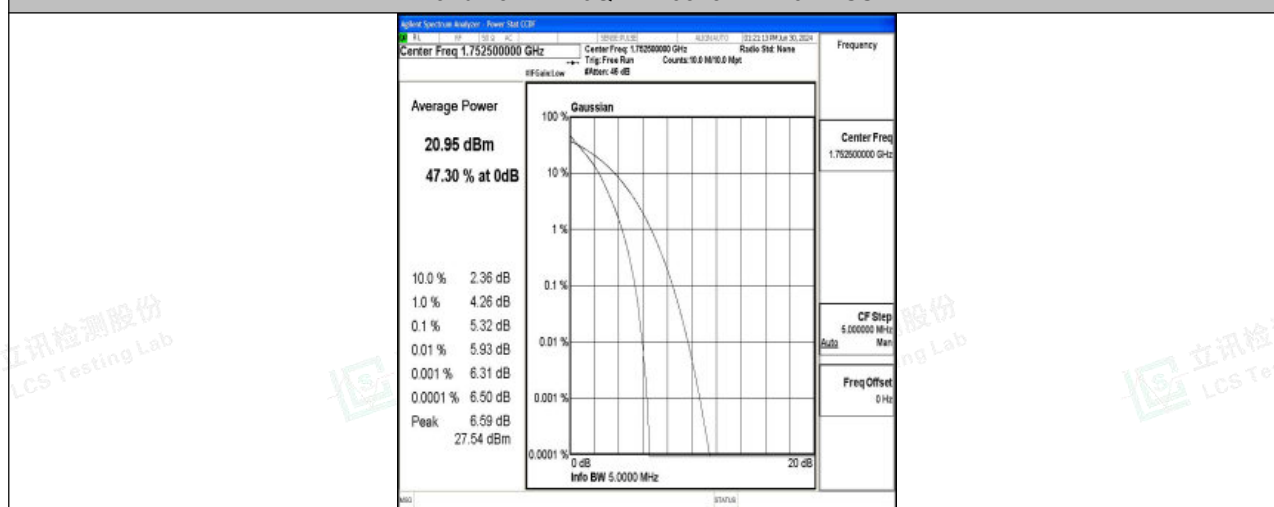
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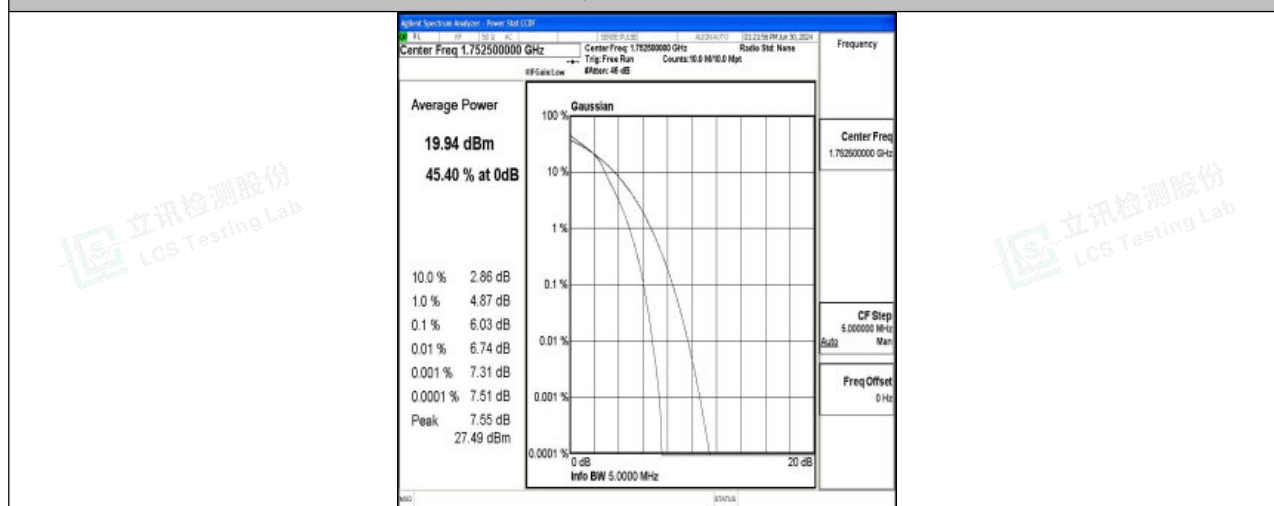
Scan code to check authenticity



Band4-5MHz-16QAM-20375-1RB#0-PASS



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



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



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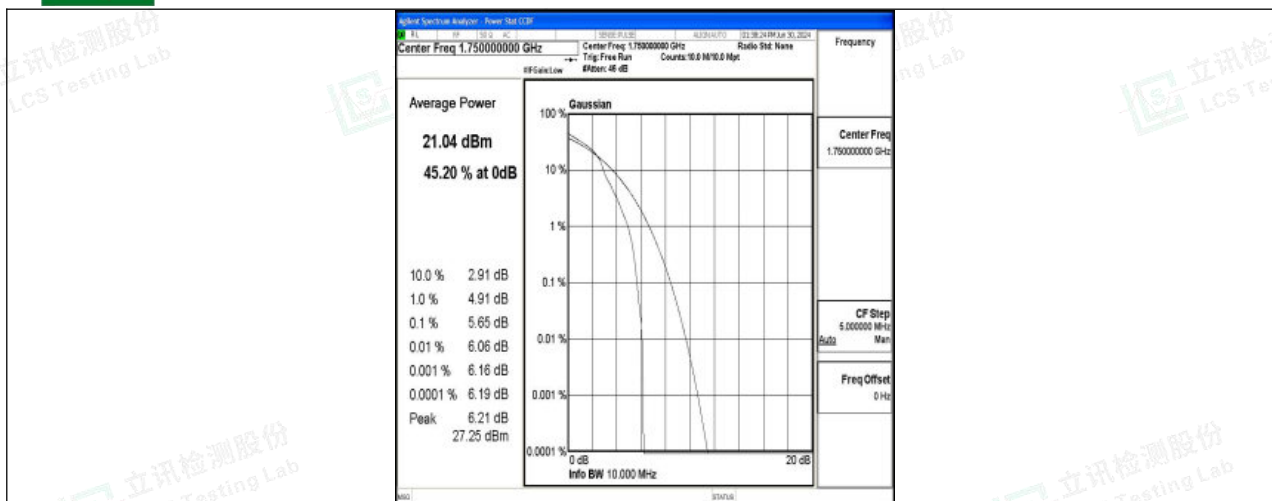


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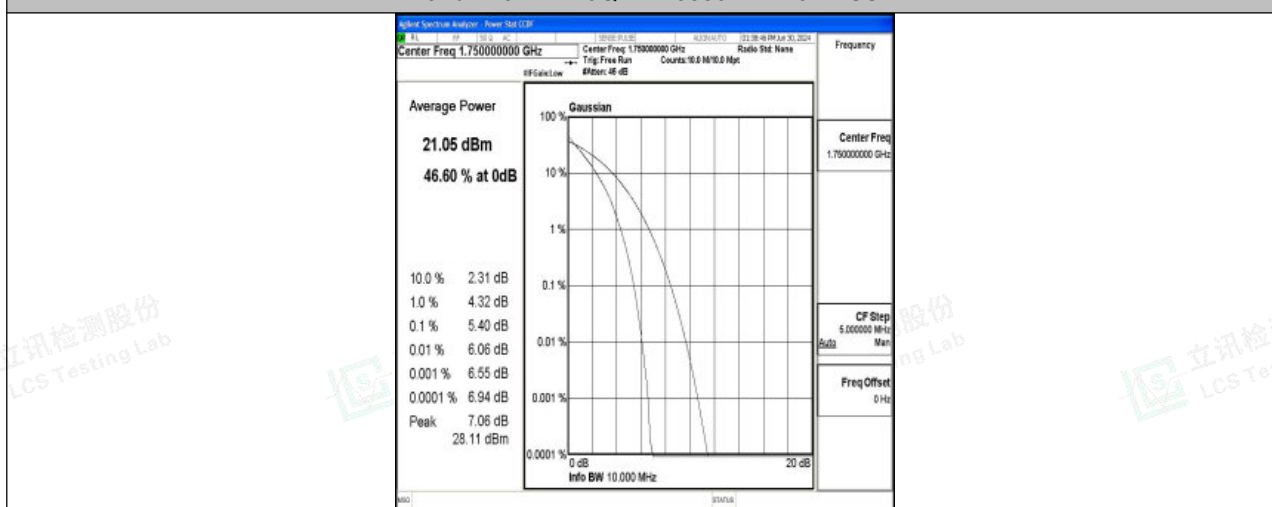
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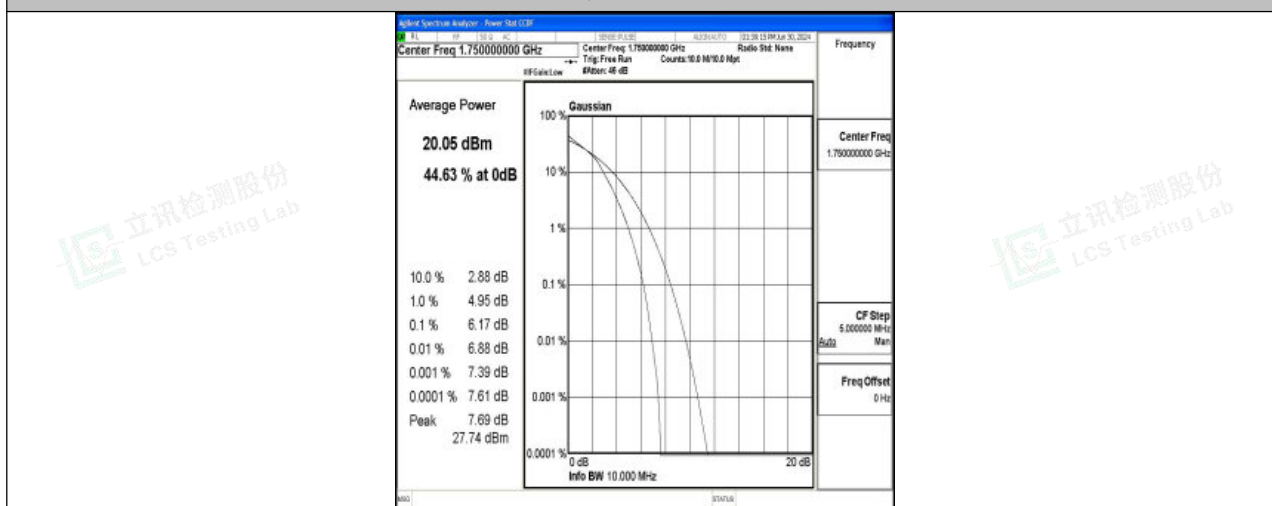
Scan code to check authenticity



Band4-10MHz-16QAM-20350-1RB#0-PASS



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



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



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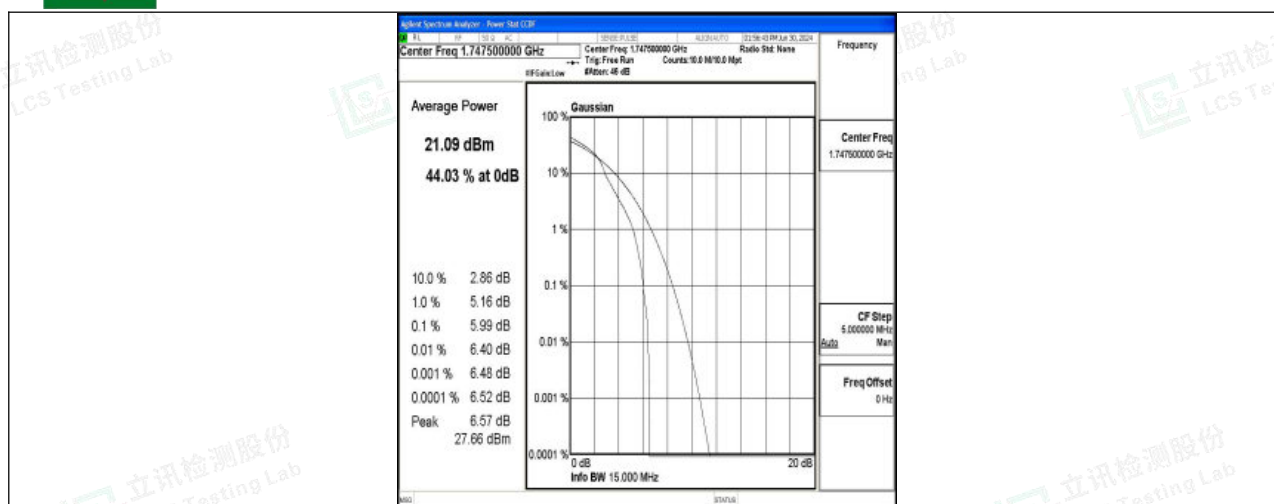


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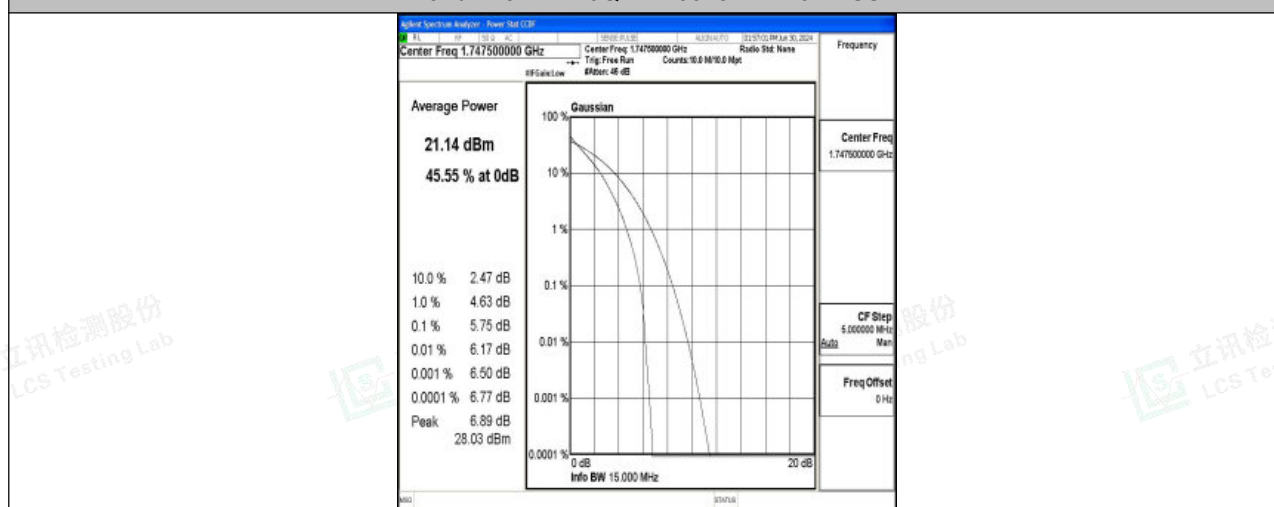
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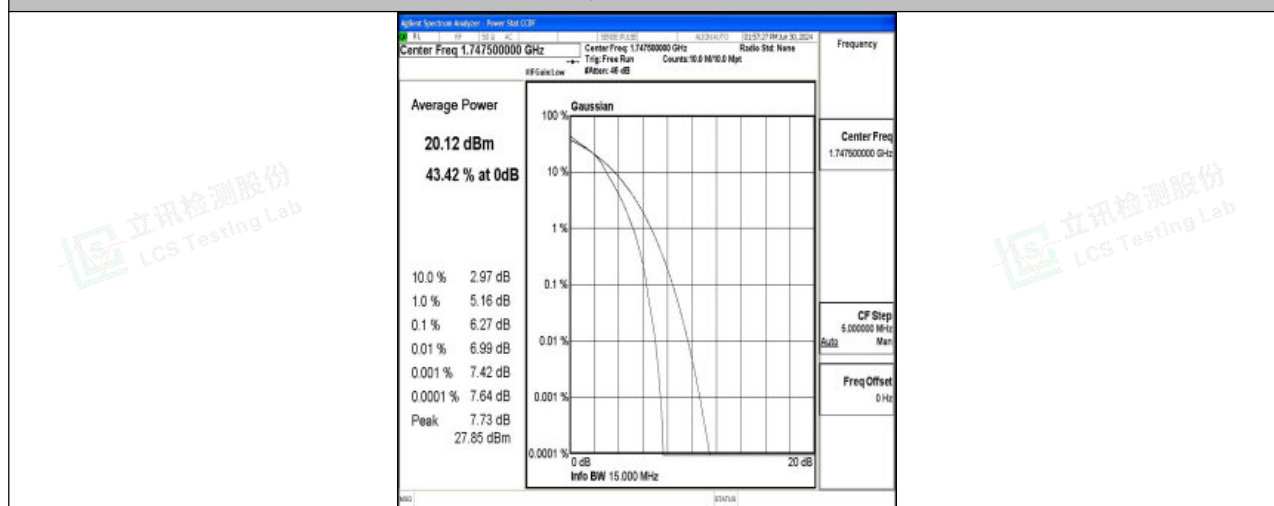
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Band4-15MHz-16QAM-20325-1RB#0-PASS



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



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



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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	1.0924	1.288	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0932	1.305	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0931	1.271	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0912	1.283	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0908	1.273	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0945	1.288	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6858	2.912	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6839	2.889	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6871	2.899	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6795	2.896	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6908	2.910	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6819	2.891	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4959	4.941	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4855	4.896	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5011	4.937	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4856	4.908	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4920	4.927	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4875	4.894	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9610	9.712	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9625	9.722	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9961	9.824	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9909	9.735	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9830	9.783	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9697	9.749	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.452	14.65	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.421	14.51	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.468	14.79	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.478	14.79	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.469	14.63	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.458	14.50	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.895	19.33	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.894	19.35	PASS



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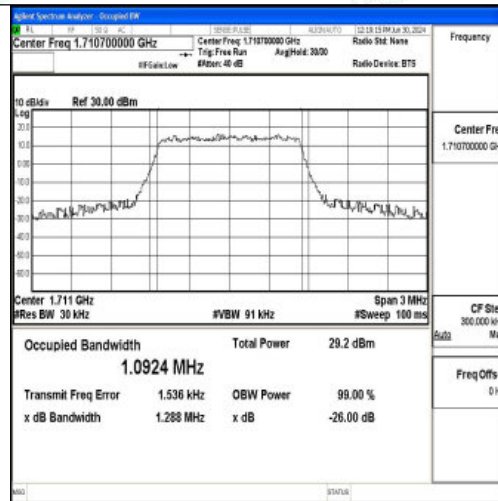


Band4	20MHz	QPSK	20175	100RB#0	17.959	19.38	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.006	19.43	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.966	19.38	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.964	19.42	PASS

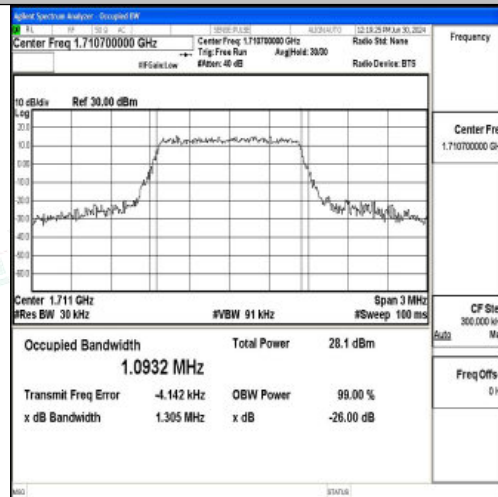




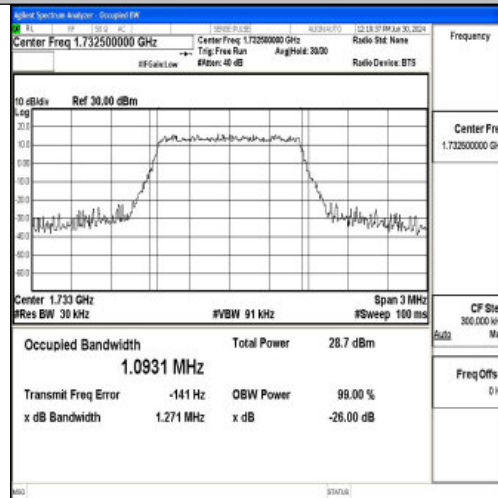
Test Graphs



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



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



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

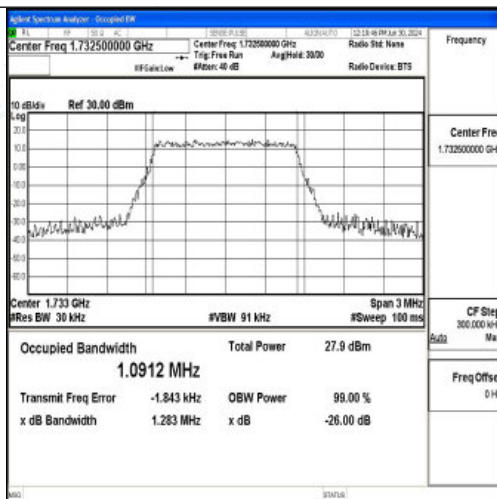


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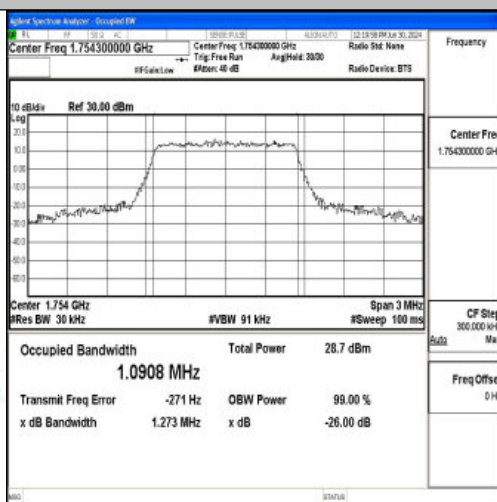
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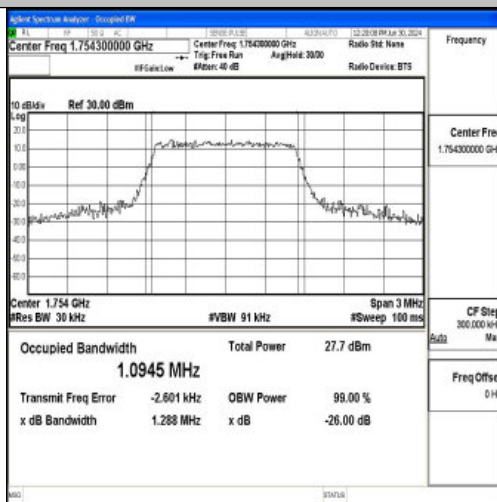
Scan code to check authenticity



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



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



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

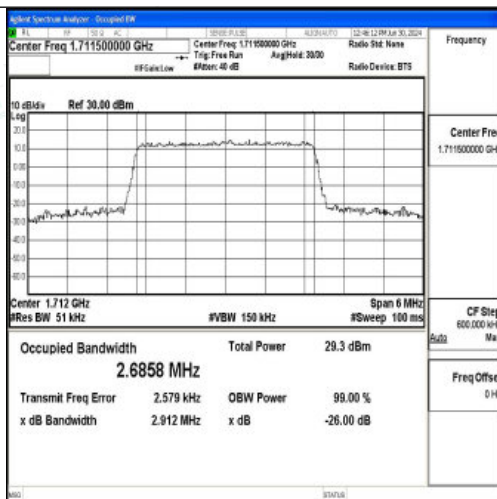


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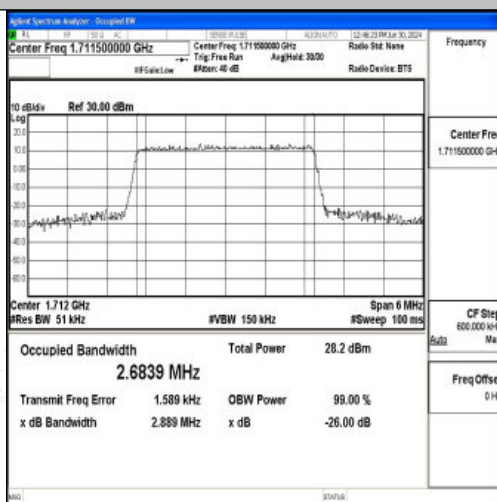
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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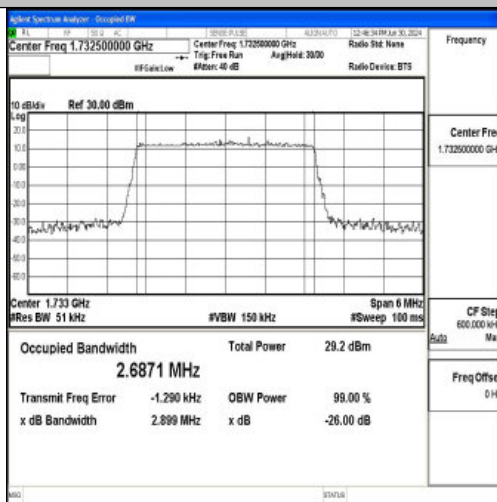
Scan code to check authenticity



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



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



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

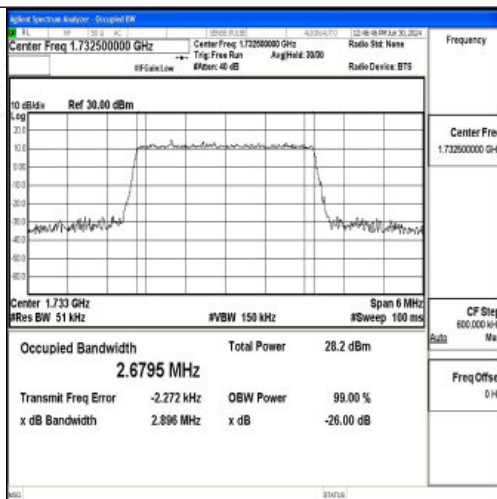


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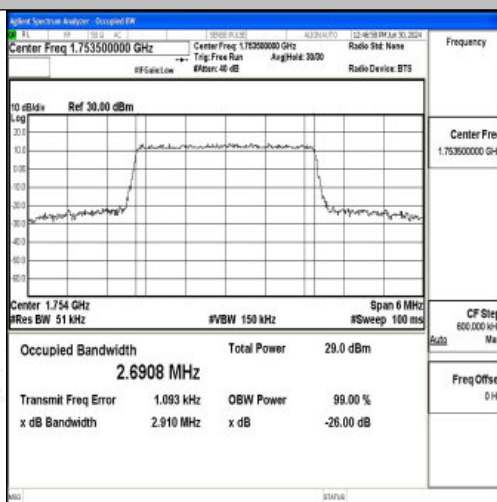
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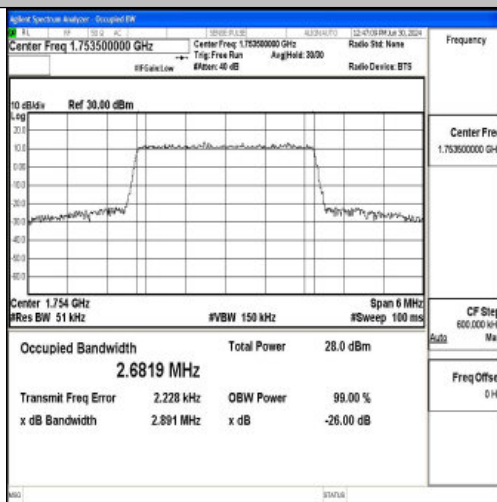
Scan code to check authenticity



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



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



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

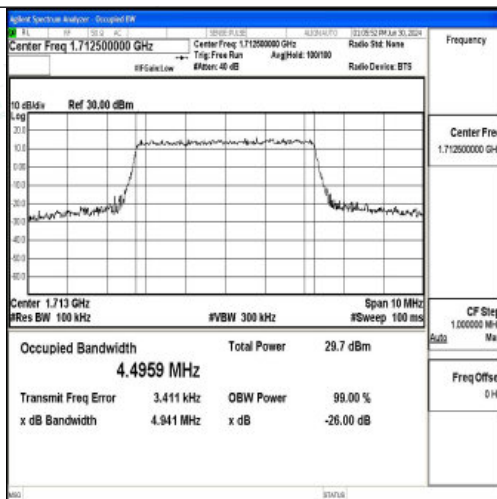


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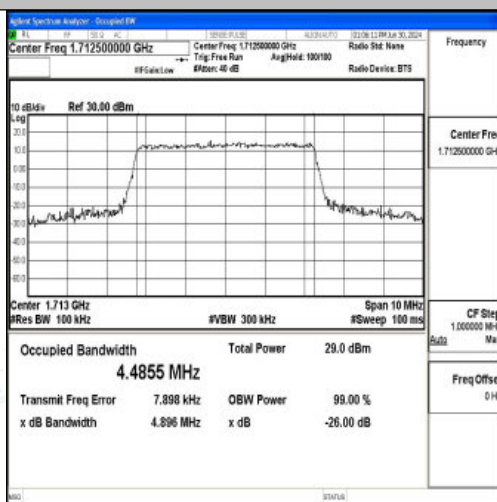
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

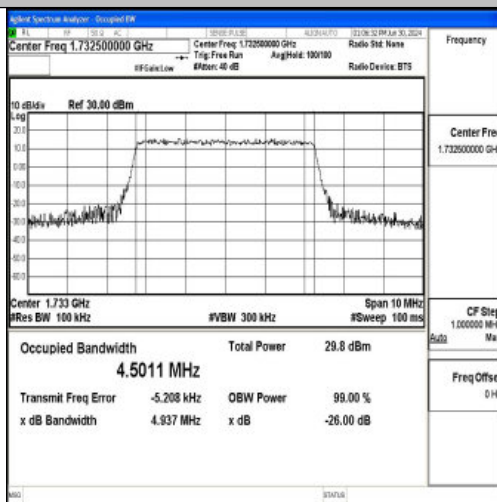
Scan code to check authenticity



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



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



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

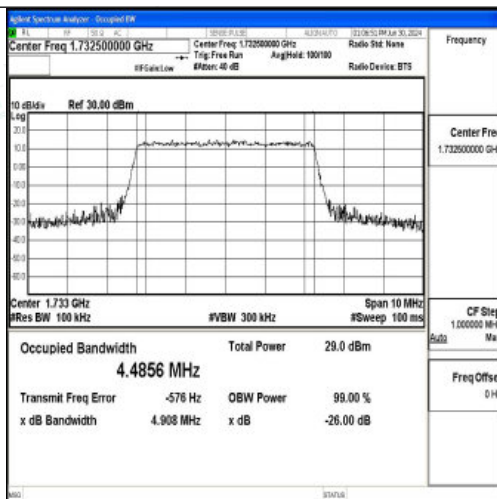


Shenzhen LCS Compliance Testing Laboratory Ltd.

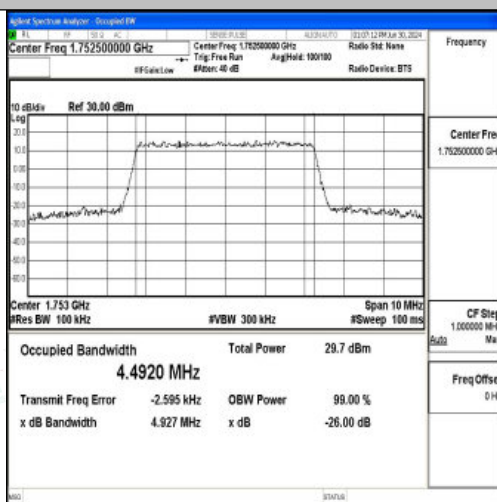
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

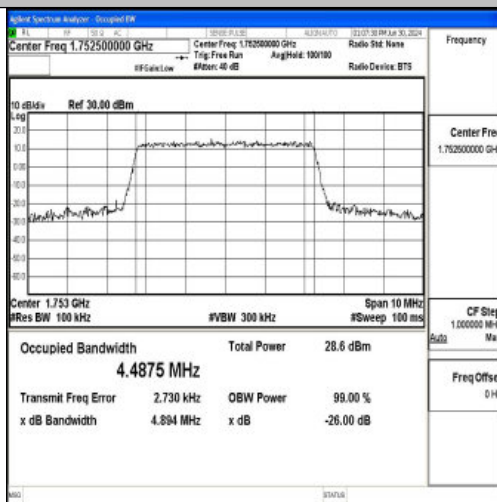
Scan code to check authenticity



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



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



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

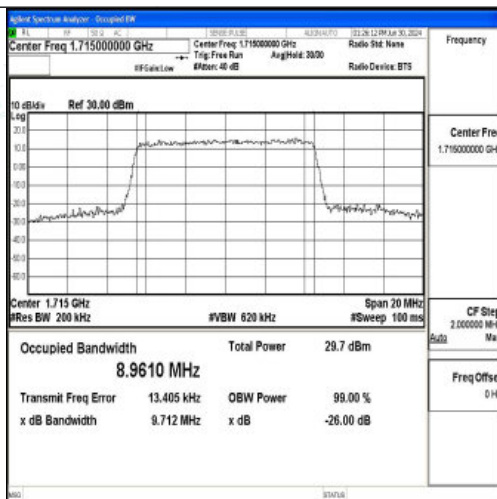


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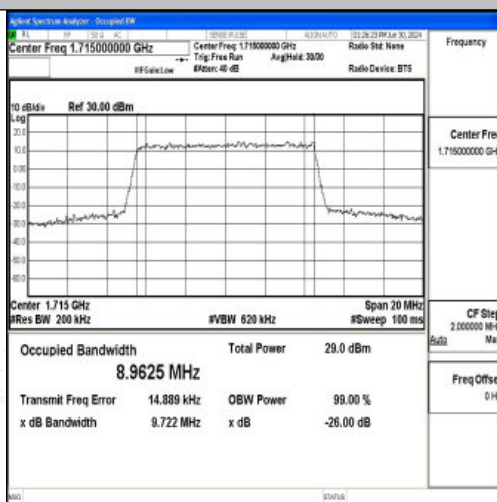
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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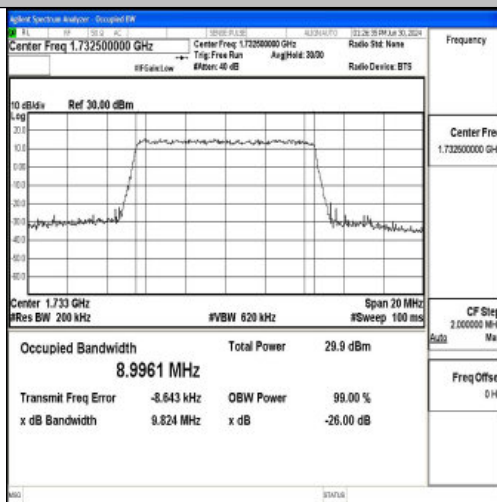
Scan code to check authenticity



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



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



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

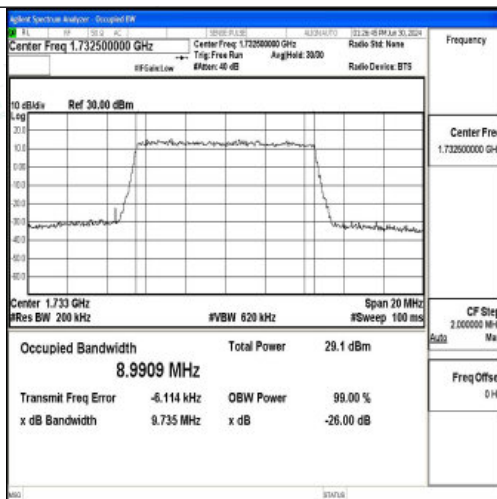


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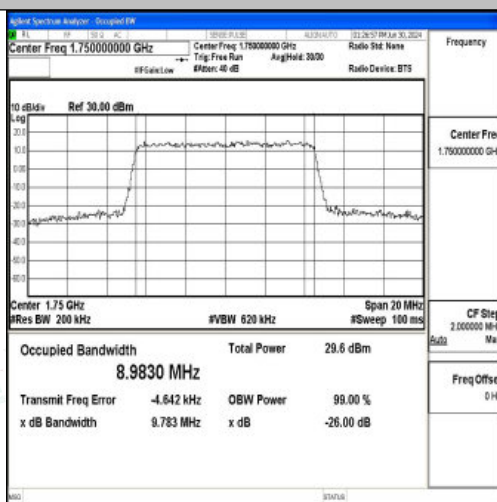
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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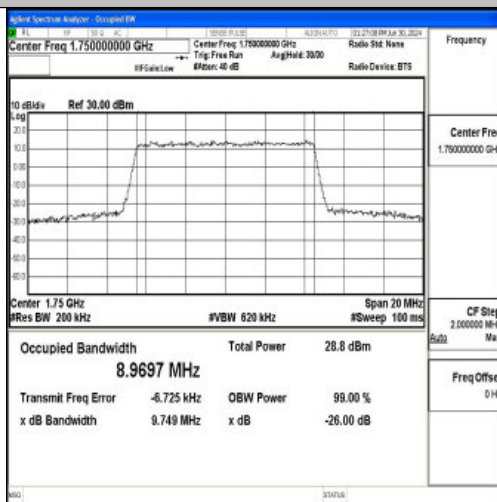
Scan code to check authenticity



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



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



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

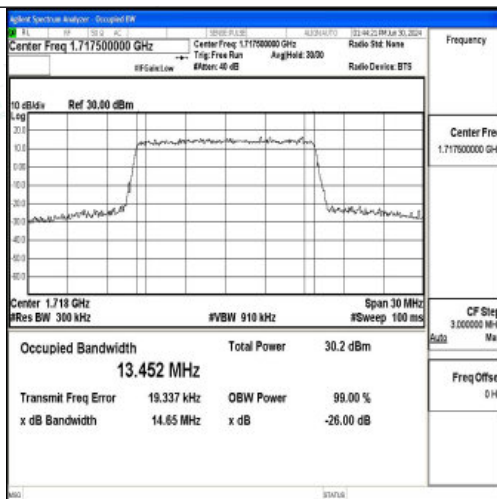


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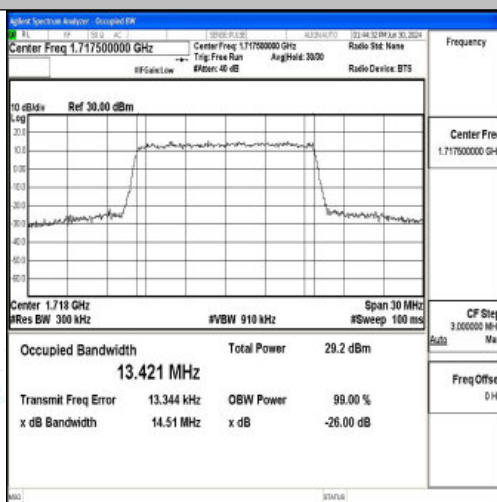
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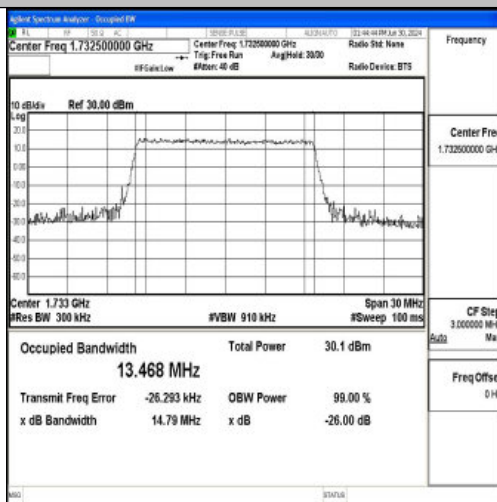
Scan code to check authenticity



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



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



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

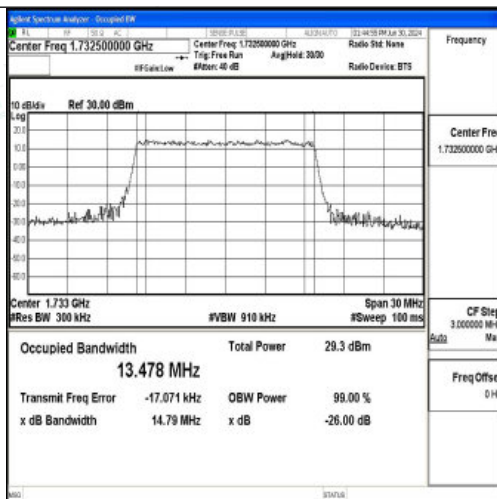


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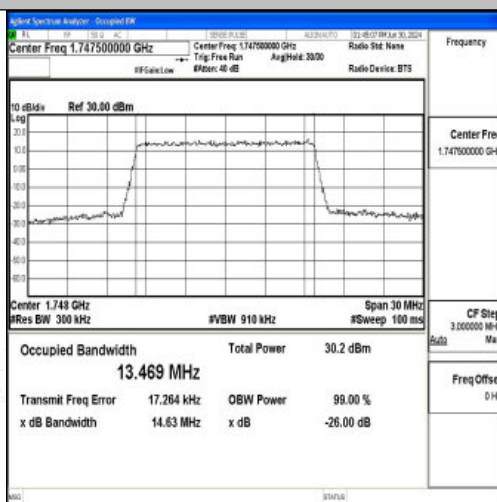
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

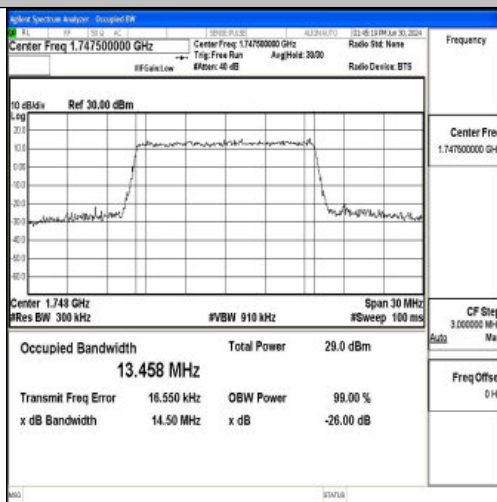
Scan code to check authenticity



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



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

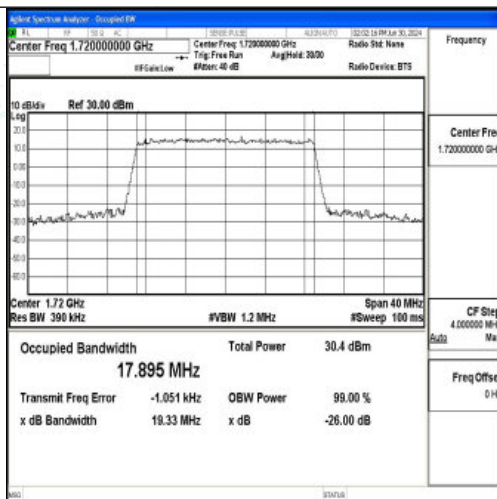


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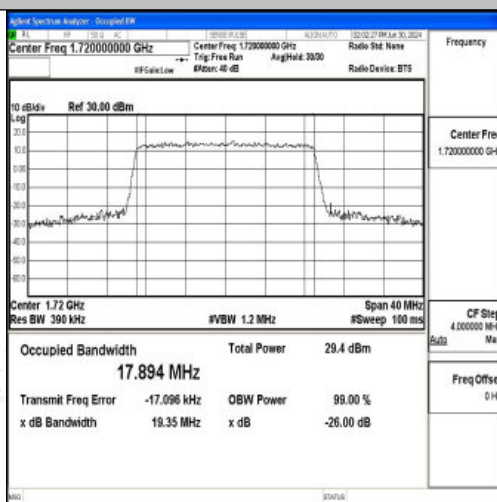
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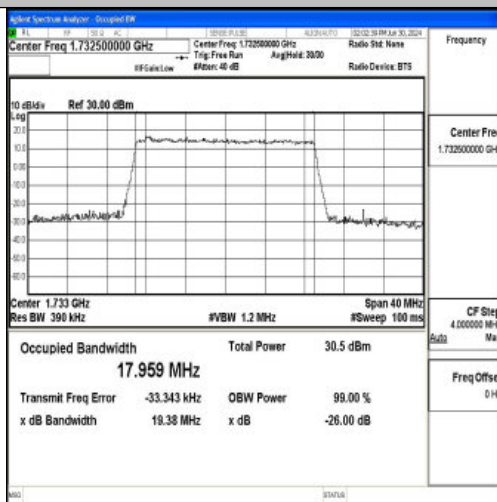
Scan code to check authenticity



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



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



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

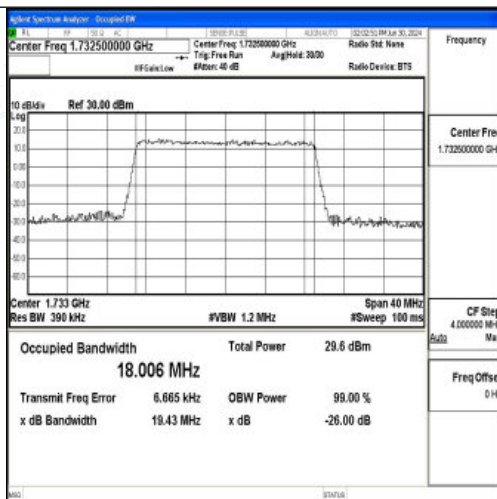


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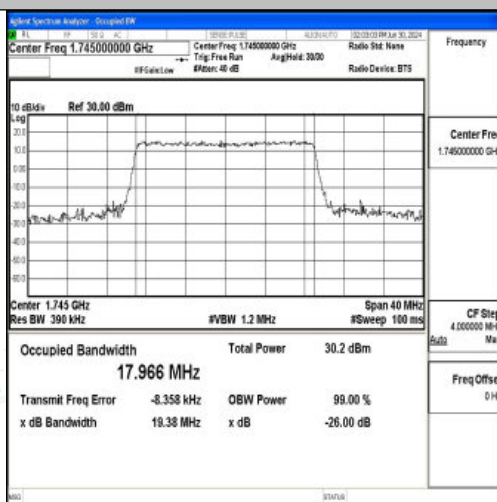
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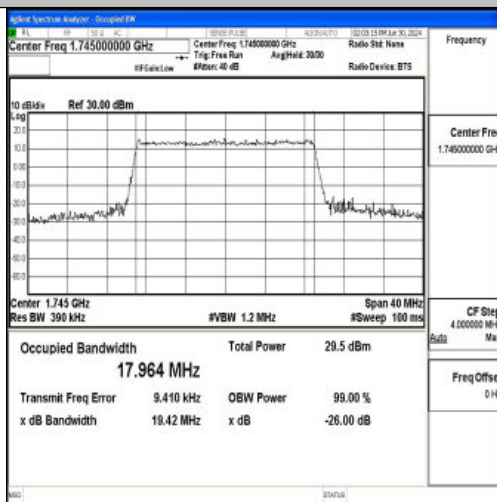
Scan code to check authenticity



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



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



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



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G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1709.96	-31.80	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1710.00	-32.10	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1755.00	-30.35	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1755.00	-32.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	1710.00	-32.85	PASS
Band4	3MHz	16QAM	19965	15RB#0	1710.00	-35.57	PASS
Band4	3MHz	QPSK	20385	15RB#0	1755.03	-32.70	PASS
Band4	3MHz	16QAM	20385	15RB#0	1755.00	-34.75	PASS
Band4	5MHz	QPSK	19975	25RB#0	1710.00	-32.53	PASS
Band4	5MHz	16QAM	19975	25RB#0	1710.00	-34.92	PASS
Band4	5MHz	QPSK	20375	25RB#0	1755.00	-32.82	PASS
Band4	5MHz	16QAM	20375	25RB#0	1755.01	-33.94	PASS
Band4	10MHz	QPSK	20000	50RB#0	1709.96	-36.44	PASS
Band4	10MHz	16QAM	20000	50RB#0	1709.99	-38.18	PASS
Band4	10MHz	QPSK	20350	50RB#0	1755.01	-36.23	PASS
Band4	10MHz	16QAM	20350	50RB#0	1755.05	-37.31	PASS
Band4	15MHz	QPSK	20025	75RB#0	1709.94	-36.35	PASS
Band4	15MHz	16QAM	20025	75RB#0	1709.94	-39.21	PASS
Band4	15MHz	QPSK	20325	75RB#0	1755.74	-36.25	PASS
Band4	15MHz	16QAM	20325	75RB#0	1755.01	-36.82	PASS
Band4	20MHz	QPSK	20050	100RB#0	1709.82	-40.23	PASS
Band4	20MHz	16QAM	20050	100RB#0	1709.99	-41.05	PASS
Band4	20MHz	QPSK	20300	100RB#0	1755.08	-38.56	PASS
Band4	20MHz	16QAM	20300	100RB#0	1755.08	-39.53	PASS



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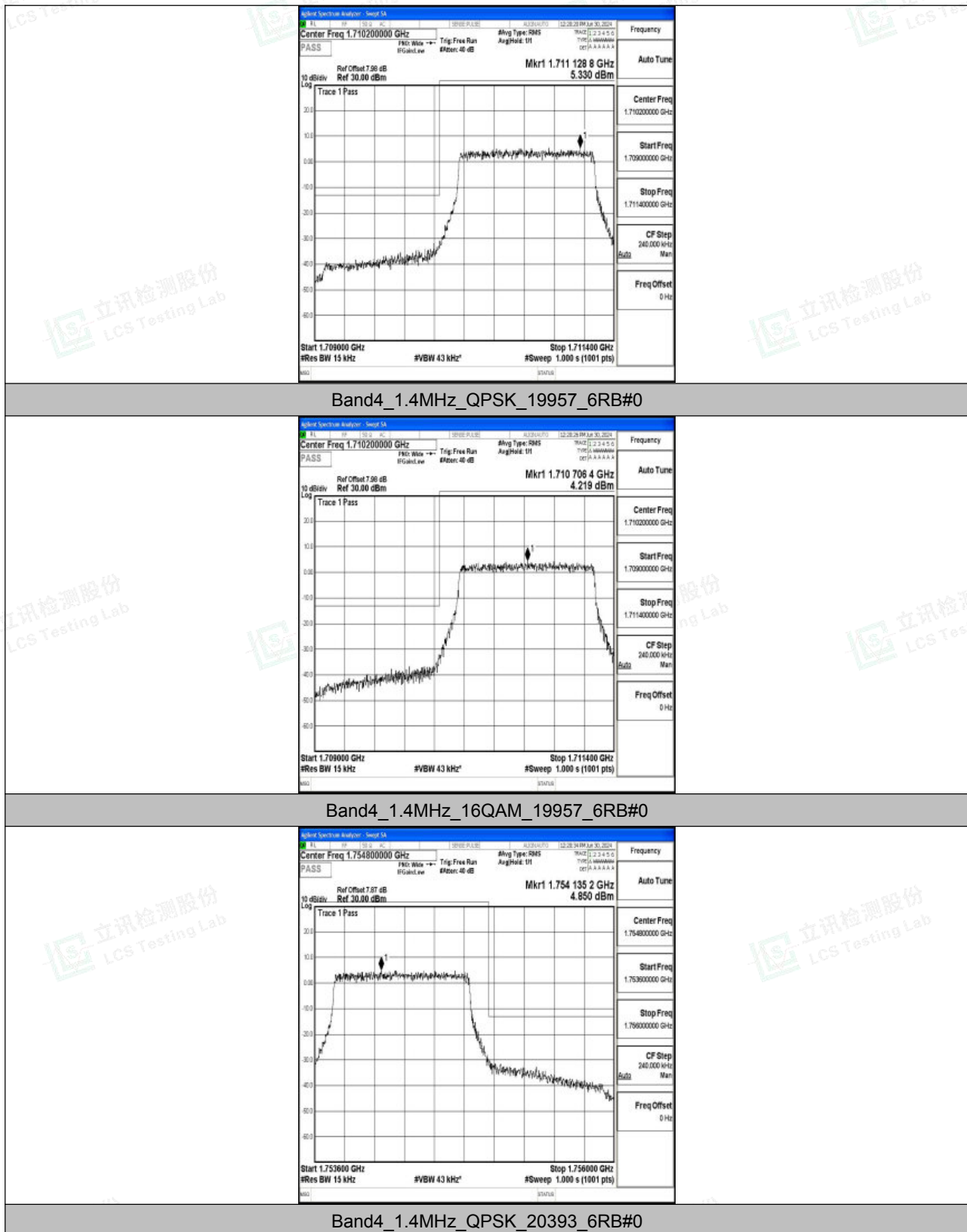
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Test Graphs

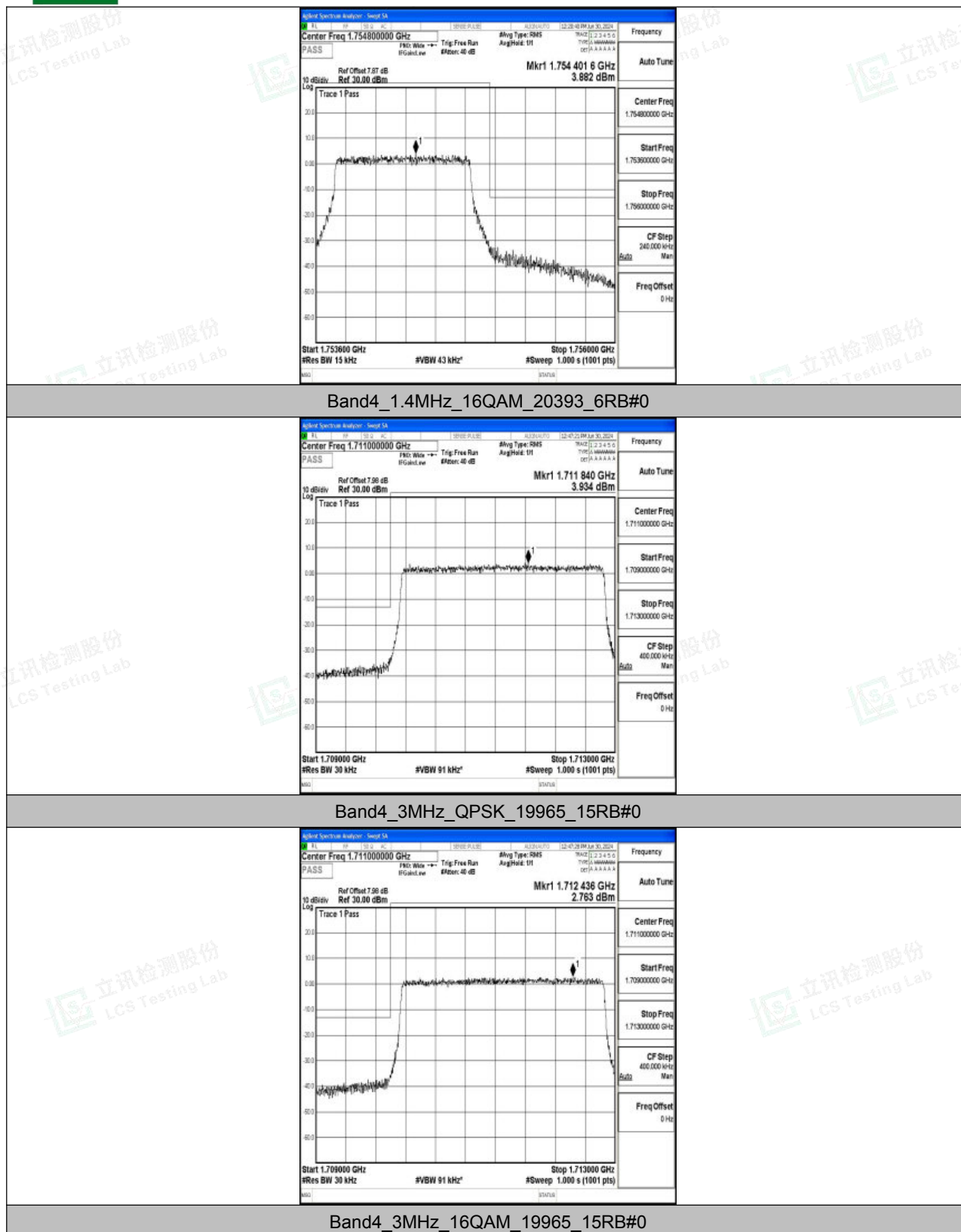


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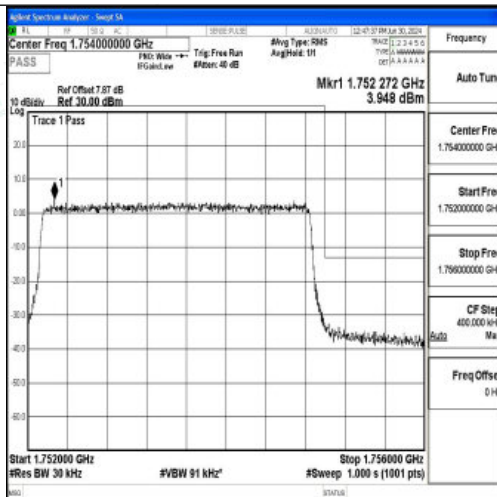


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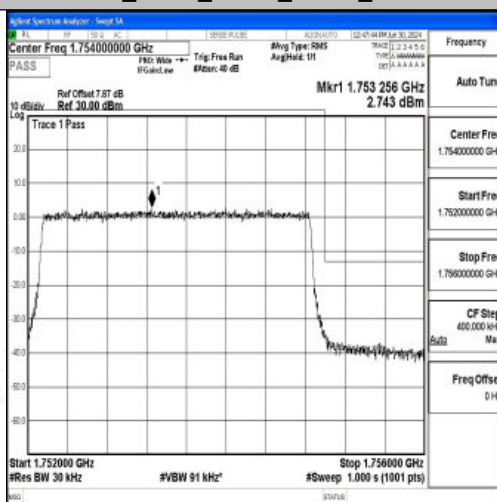
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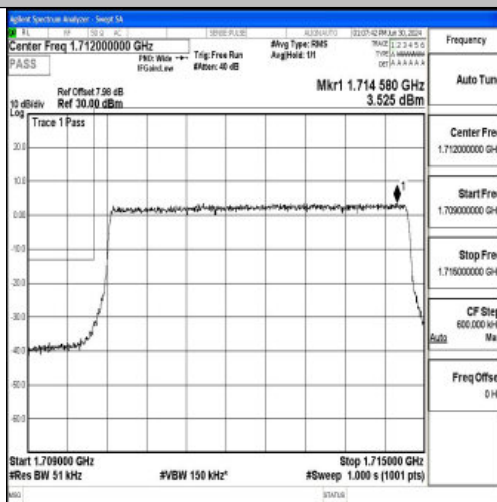
Scan code to check authenticity



Band4_3MHz_QPSK_20385_15RB#0



Band4_3MHz_16QAM_20385_15RB#0



Band4_5MHz_QPSK_19975_25RB#0

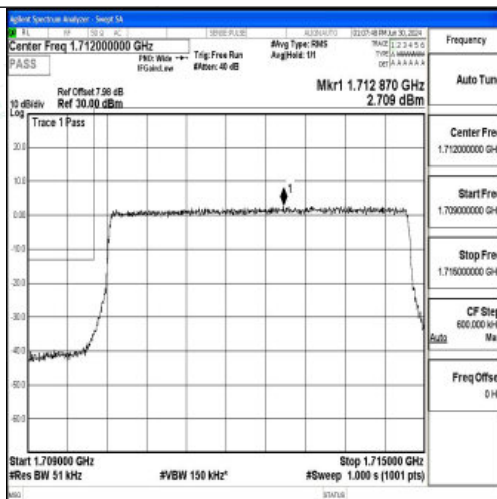


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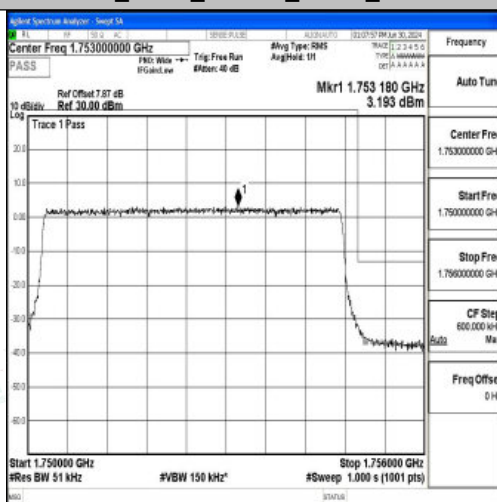
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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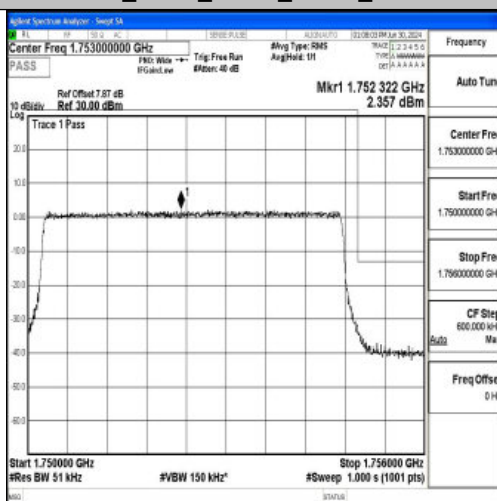
Scan code to check authenticity



Band4_5MHz_16QAM_19975_25RB#0



Band4_5MHz_QPSK_20375_25RB#0



Band4_5MHz_16QAM_20375_25RB#0

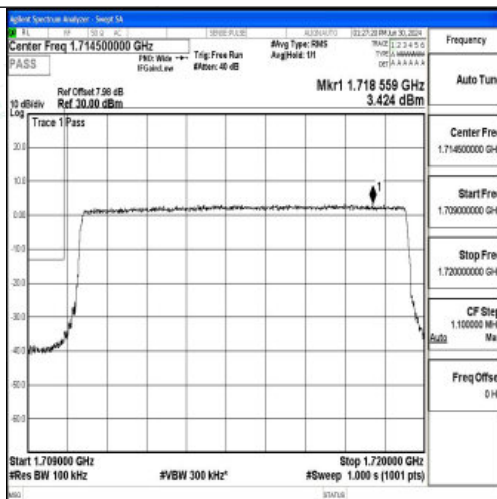


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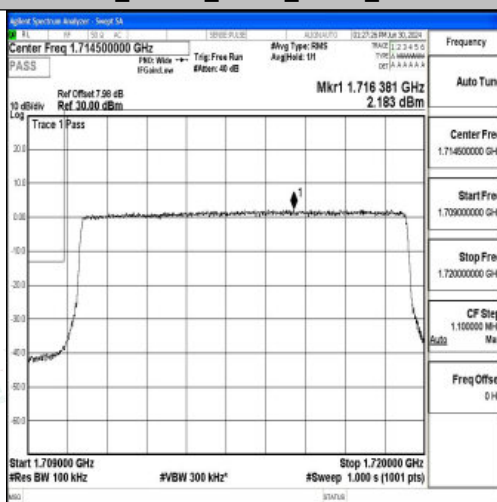
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

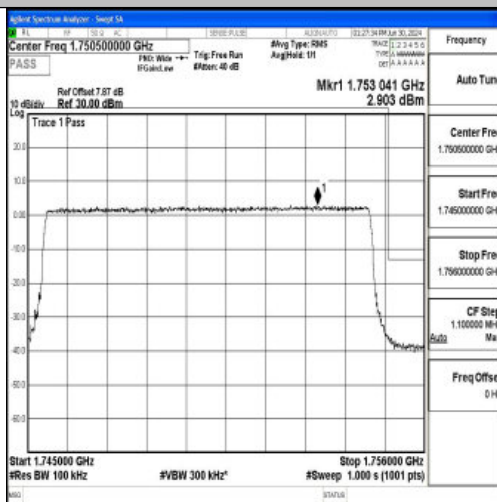
Scan code to check authenticity



Band4_10MHz_QPSK_20000_50RB#0



Band4_10MHz_16QAM_20000_50RB#0



Band4_10MHz_QPSK_20350_50RB#0

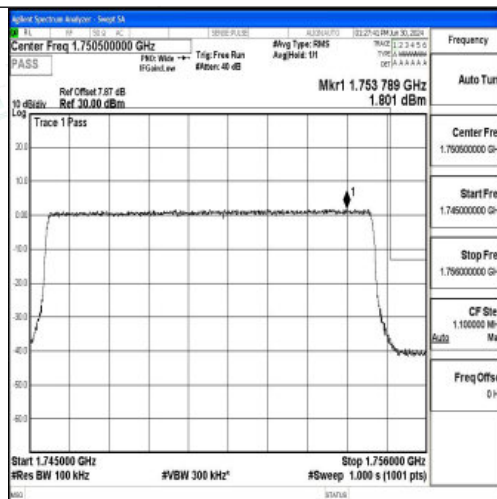


Shenzhen LCS Compliance Testing Laboratory Ltd.

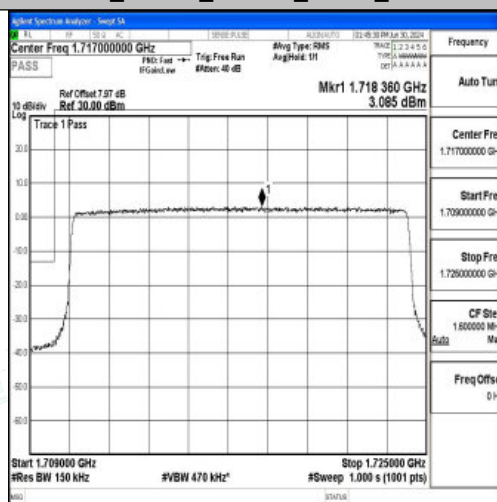
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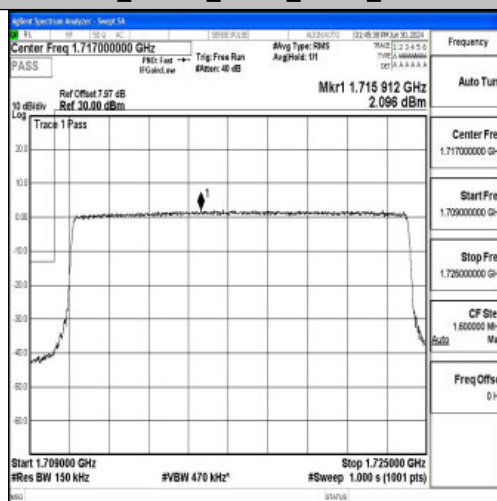
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Band4_10MHz_16QAM_20350_50RB#0



Band4_15MHz_QPSK_20025_75RB#0



Band4_15MHz_16QAM_20025_75RB#0

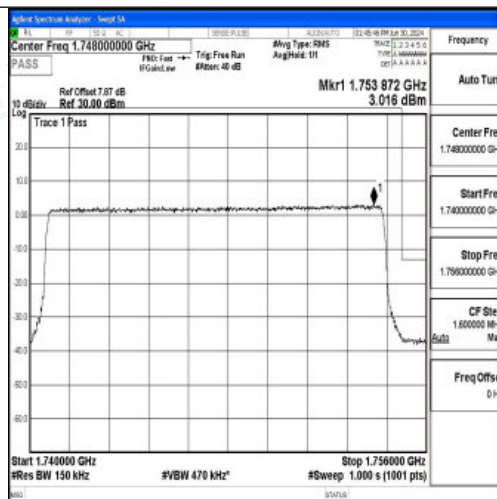


Shenzhen LCS Compliance Testing Laboratory Ltd.

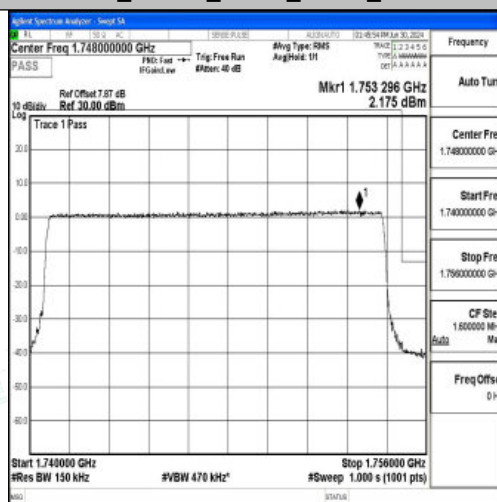
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

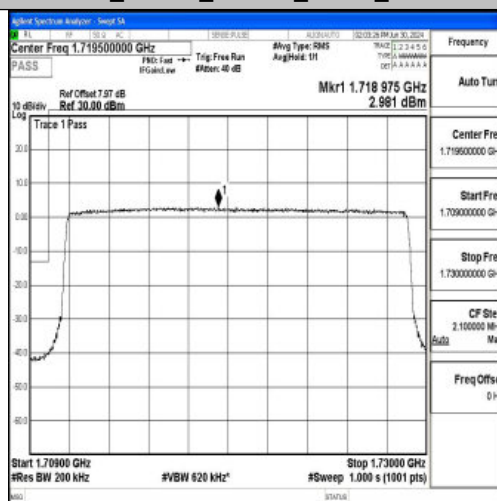
Scan code to check authenticity



Band4_15MHz_QPSK_20325_75RB#0



Band4_15MHz_16QAM_20325_75RB#0



Band4_20MHz_QPSK_20050_100RB#0



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G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-59.14	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-50.66	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-62.10	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-36.50	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-32.93	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-57.67	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-51.64	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-62.05	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-38.11	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-32.76	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-56.72	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-53.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-62.03	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-38.51	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-33.23	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-58.05	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-52.55	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-61.63	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-39.38	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-32.99	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-56.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-52.25	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-62.18	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-39.36	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-33.13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-59.03	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-52.40	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-62.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-40.61	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-32.50	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-56.89	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-52.65	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-62.17	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-40.66	PASS



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Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-33.38	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-56.25	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-50.53	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-62.26	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-40.61	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-33.12	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-56.46	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-51.38	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-61.92	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-40.80	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-32.70	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-57.16	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-50.16	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-61.70	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-40.25	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-33.33	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-57.55	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-50.94	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-62.18	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-45.71	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-33.08	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-57.87	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-55.02	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-62.26	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-42.80	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-32.95	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-59.57	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-50.44	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-62.31	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-38.71	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-32.70	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-56.19	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-50.17	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-61.95	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-39.07	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-33.10	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-56.11	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-53.56	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-62.15	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-40.43	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-33.22	PASS



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Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-58.85	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-53.05	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-61.76	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-39.85	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-33.07	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-56.92	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-51.61	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-62.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-46.60	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-33.34	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-57.65	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-50.17	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-61.99	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-43.73	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-33.06	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-56.58	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-51.35	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-62.22	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-38.20	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-32.83	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-57.12	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-50.81	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-62.06	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-40.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-33.36	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-59.08	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-52.15	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-62.07	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-41.56	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-32.92	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-56.31	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-52.06	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-61.82	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-38.33	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-33.02	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-57.23	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-51.98	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-62.05	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-41.72	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-33.09	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-58.50	PASS



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Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-50.67	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-62.13	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-44.51	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-33.14	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-59.76	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-50.86	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-62.13	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-38.86	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-33.04	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-59.21	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-50.13	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-61.98	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-38.72	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-32.96	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-57.34	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-54.57	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-61.83	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-38.85	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-33.21	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-58.04	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-51.52	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-62.11	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-38.72	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-32.65	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-58.85	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-50.69	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-62.21	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-42.99	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-33.02	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-58.83	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-52.12	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-61.87	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-47.75	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-33.25	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-57.88	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-50.91	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-62.04	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-44.12	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-33.18	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-53.62	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-51.63	PASS



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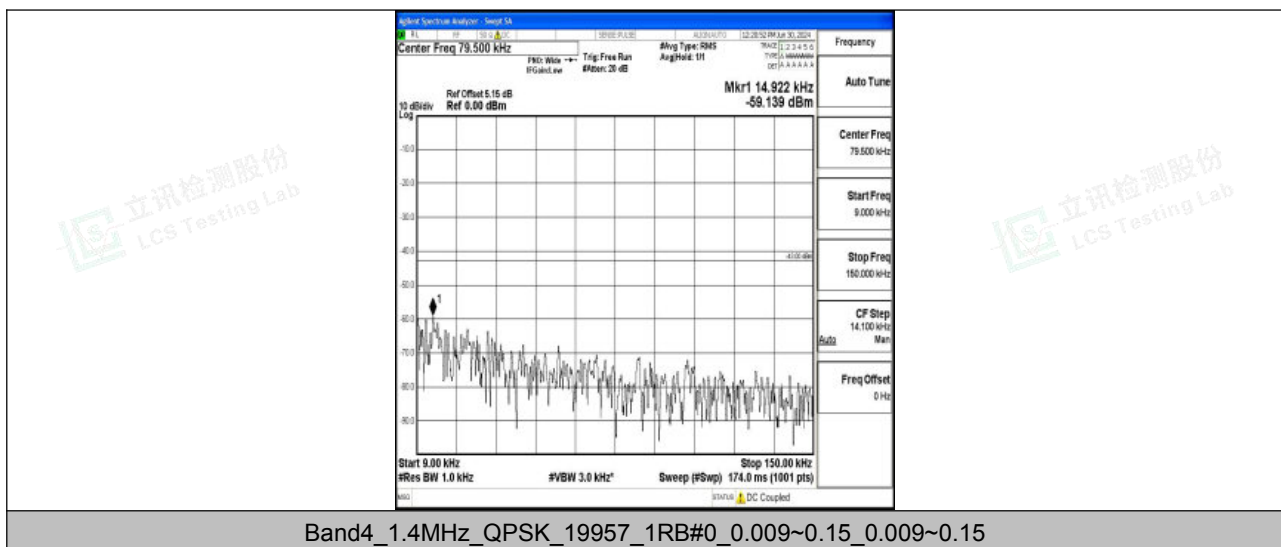
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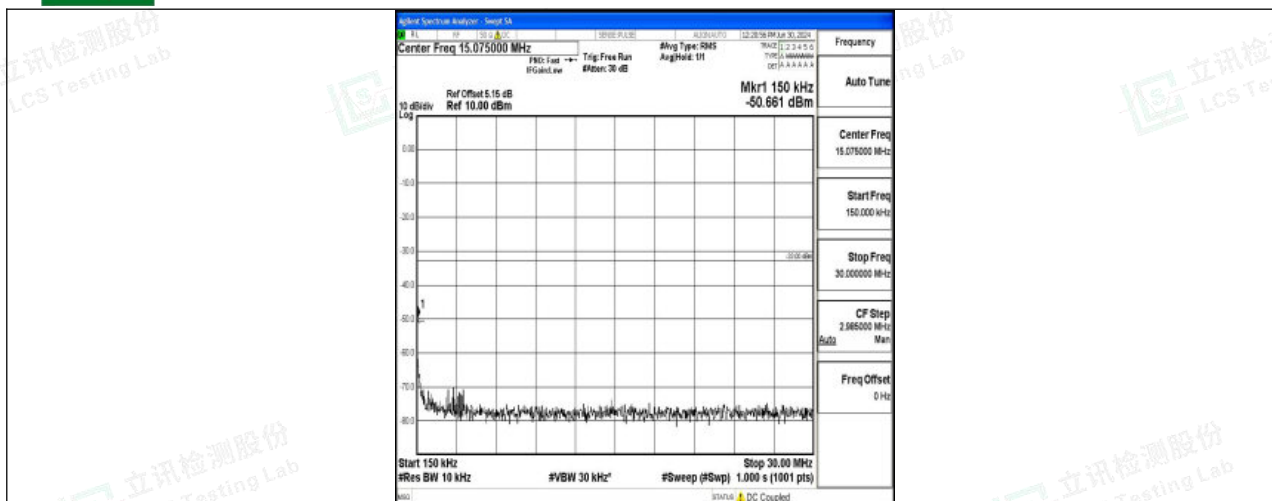
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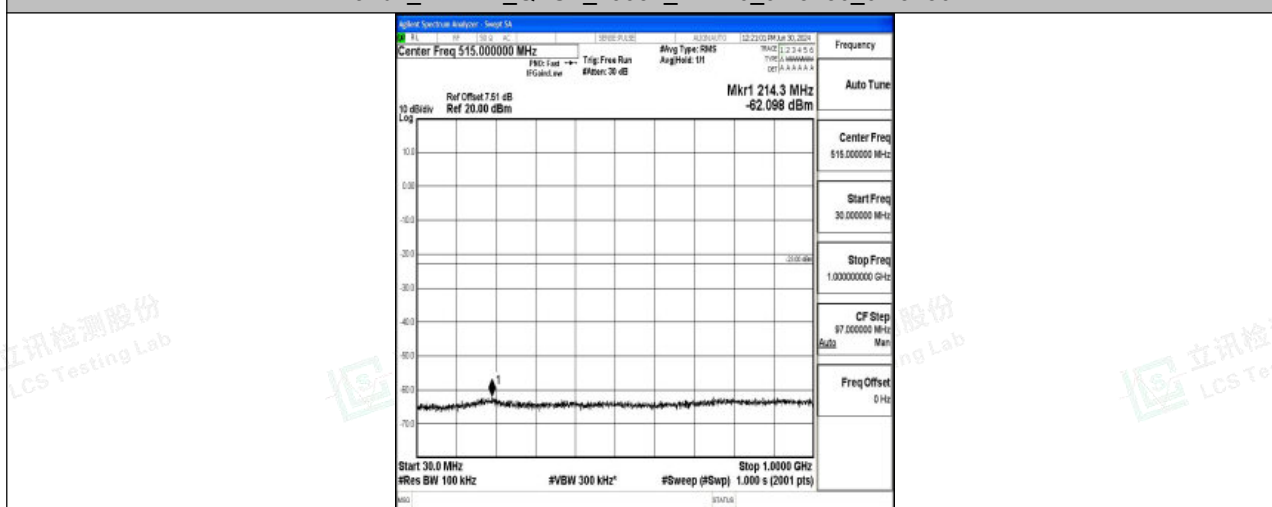
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-62.30	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-39.14	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-33.13	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-57.10	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-53.35	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-61.67	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-41.08	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-33.06	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-58.06	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-53.34	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-62.28	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-42.96	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-33.08	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-57.59	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-51.66	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-61.85	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-47.41	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-33.38	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-57.17	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-50.34	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-62.09	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-47.05	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-33.19	PASS

Test Graphs

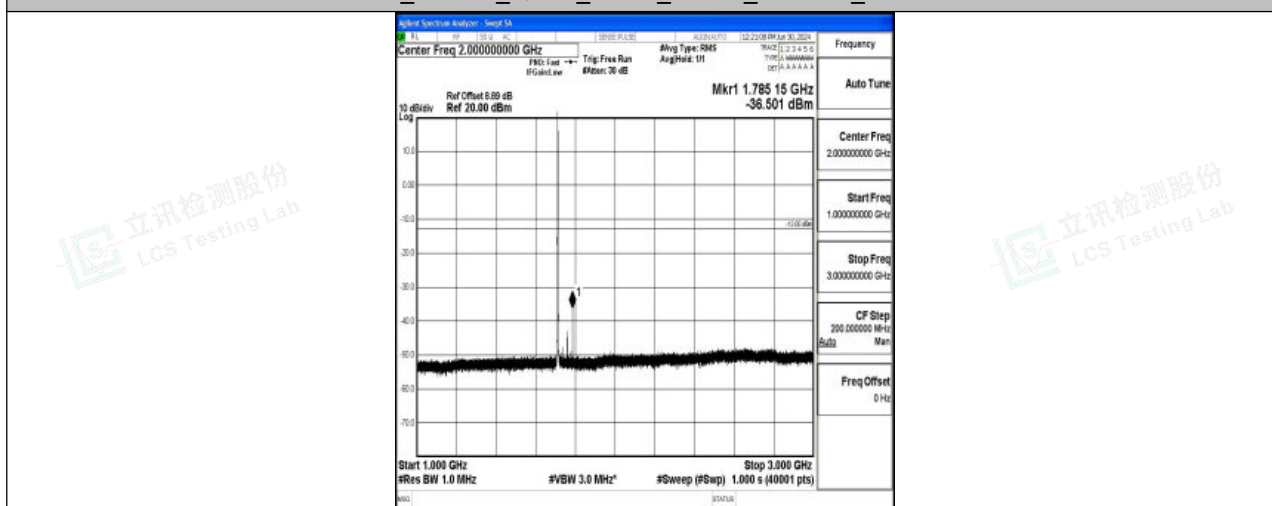




Band4_1.4MHz_QPSK_19957_1RB#0_0.15~30_0.15~30



Band4_1.4MHz_QPSK_19957_1RB#0_30~1000_30~1000



Band4_1.4MHz_QPSK_19957_1RB#0_1000~3000_1000~3000

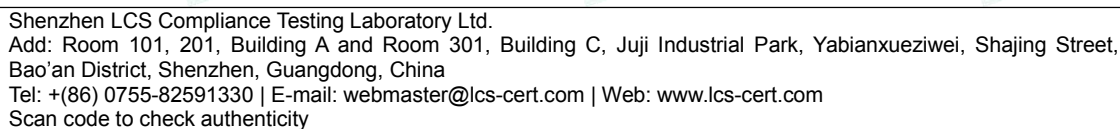
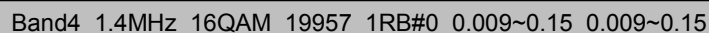


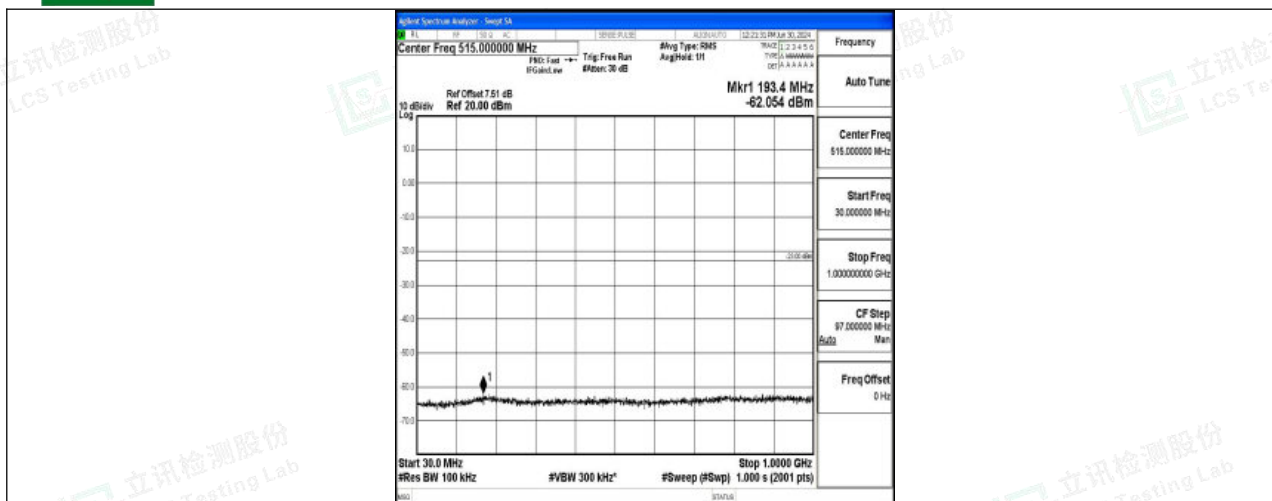
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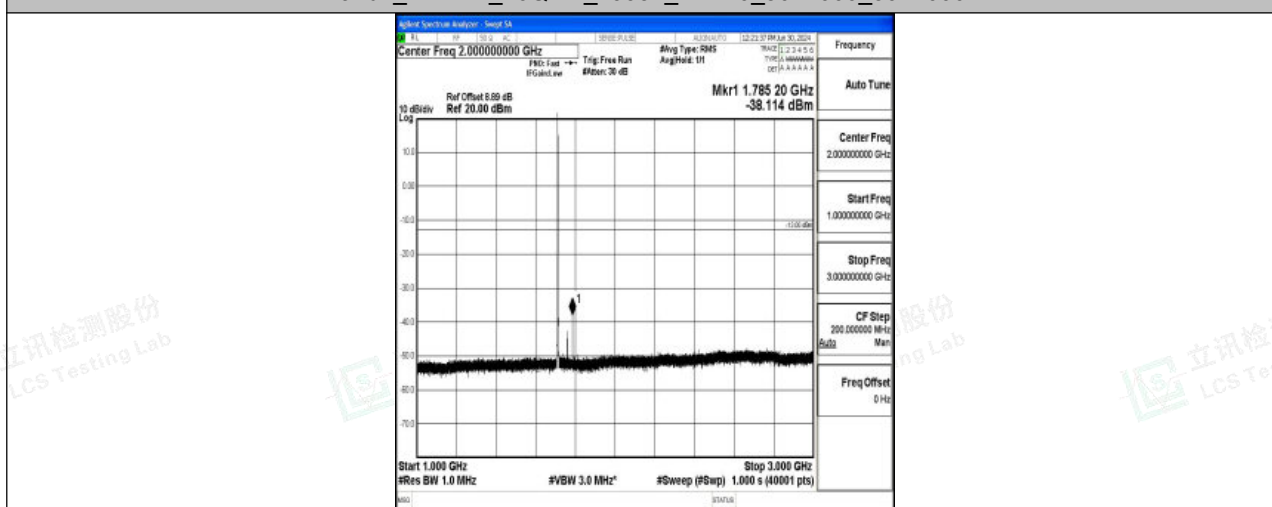
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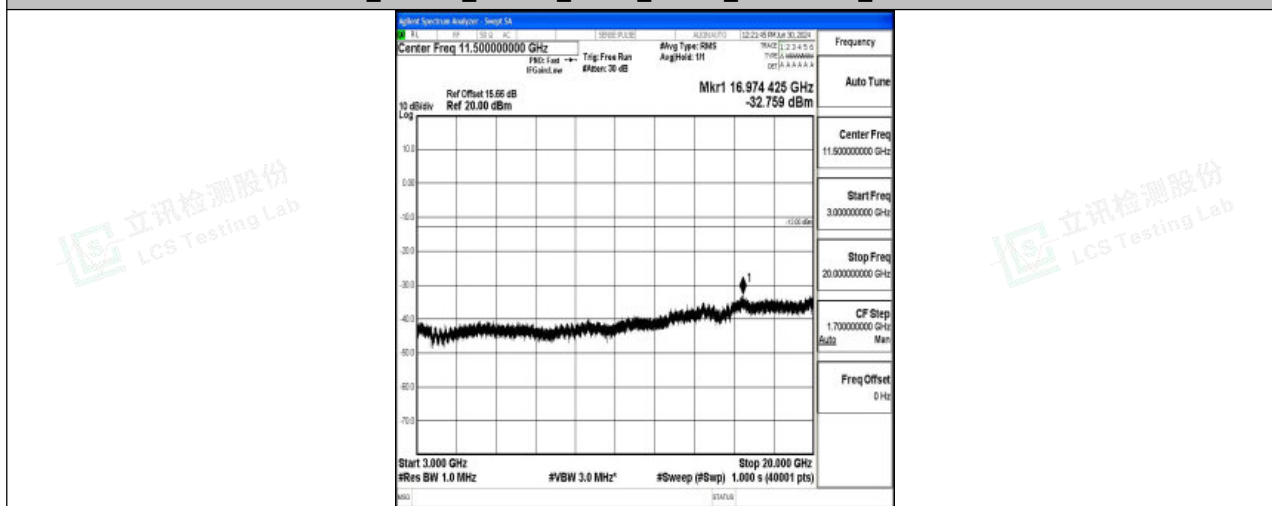




Band4_1.4MHz_16QAM_19957_1RB#0_30~1000_30~1000



Band4_1.4MHz_16QAM_19957_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_16QAM_19957_1RB#0_3000~20000_3000~20000

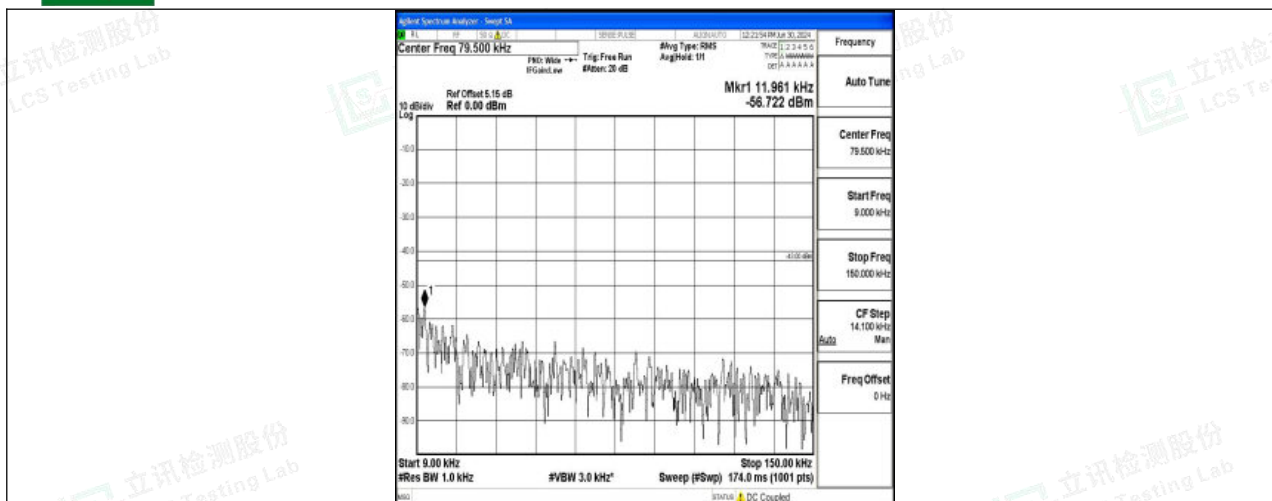


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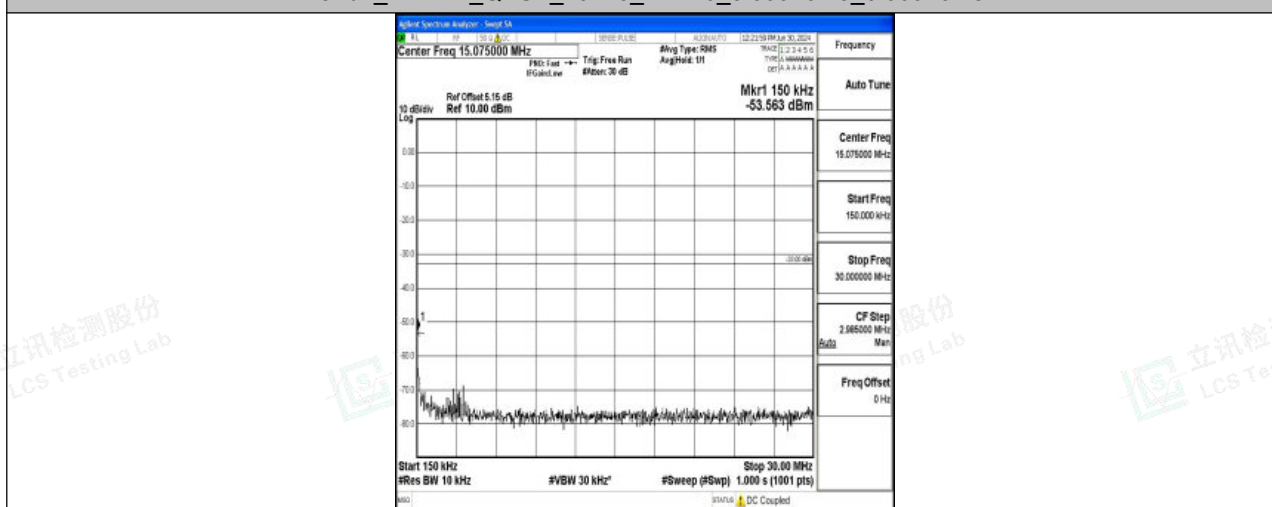
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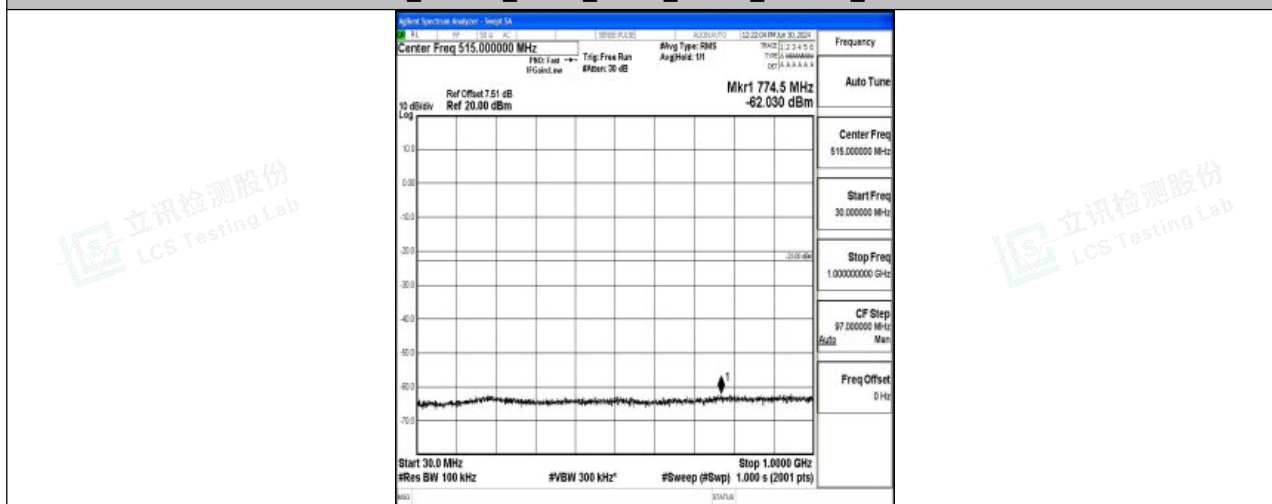
Scan code to check authenticity



Band4_1.4MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15



Band4_1.4MHz_QPSK_20175_1RB#0_0.15~30_0.15~30



Band4_1.4MHz_QPSK_20175_1RB#0_30~1000_30~1000

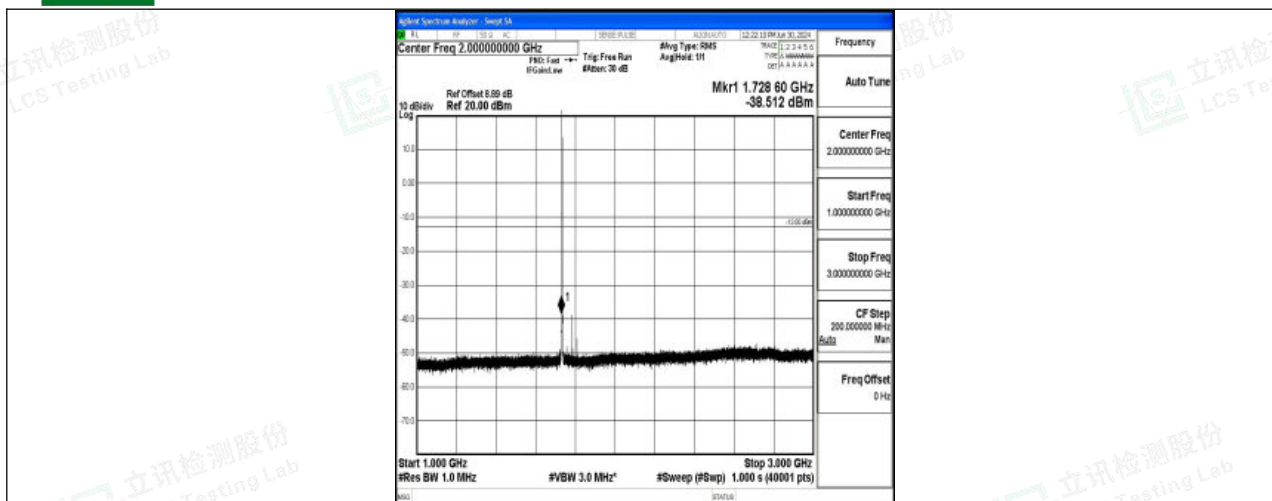


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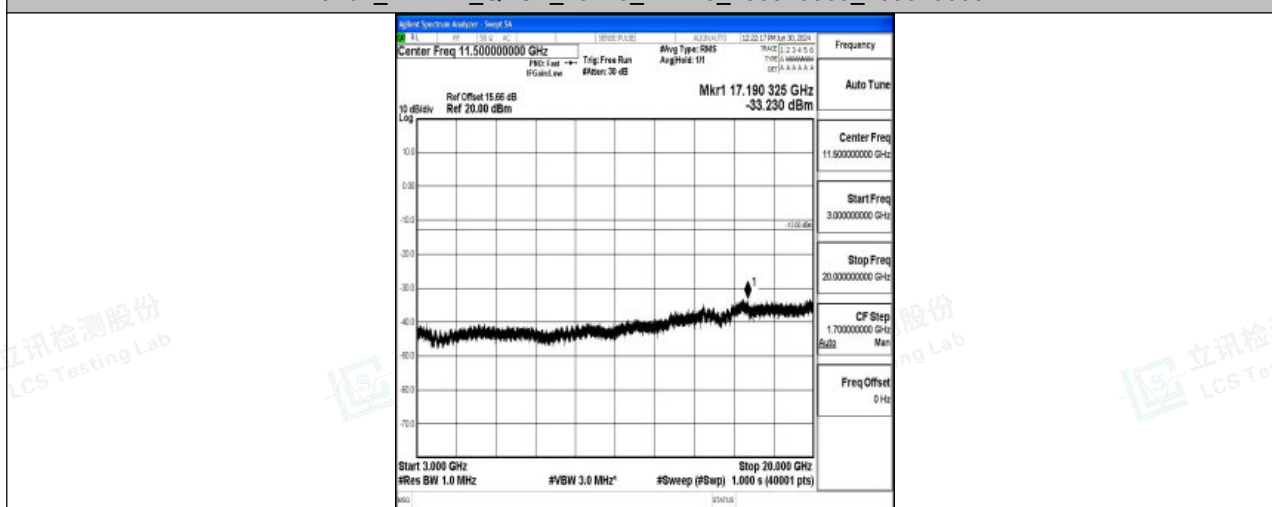
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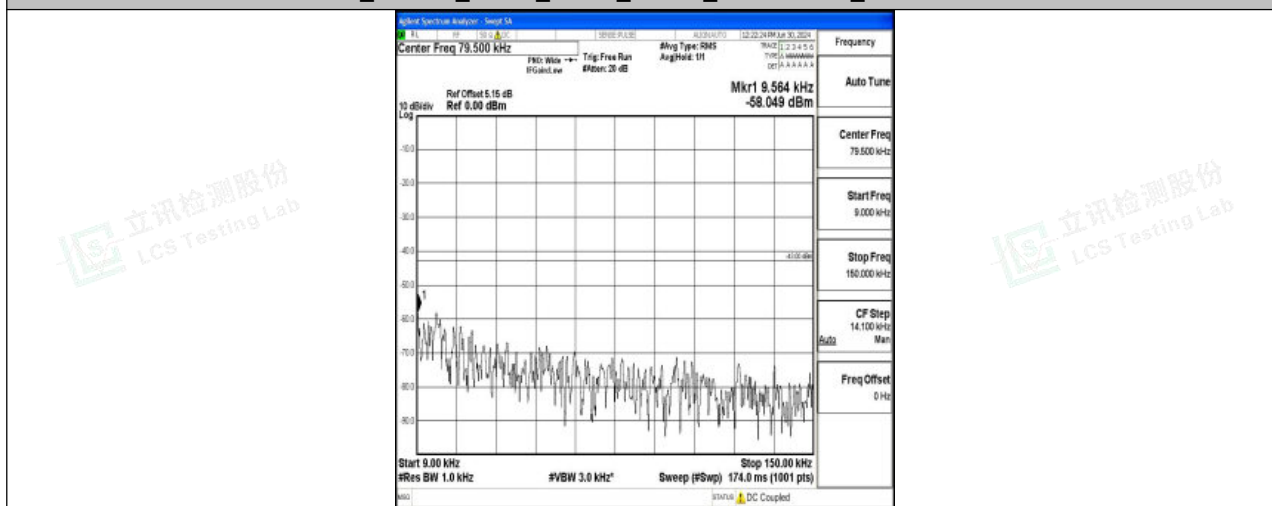
Scan code to check authenticity



Band4_1.4MHz_QPSK_20175_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_QPSK_20175_1RB#0_3000~20000_3000~20000



Band4_1.4MHz_16QAM_20175_1RB#0_0.009~0.15_0.009~0.15

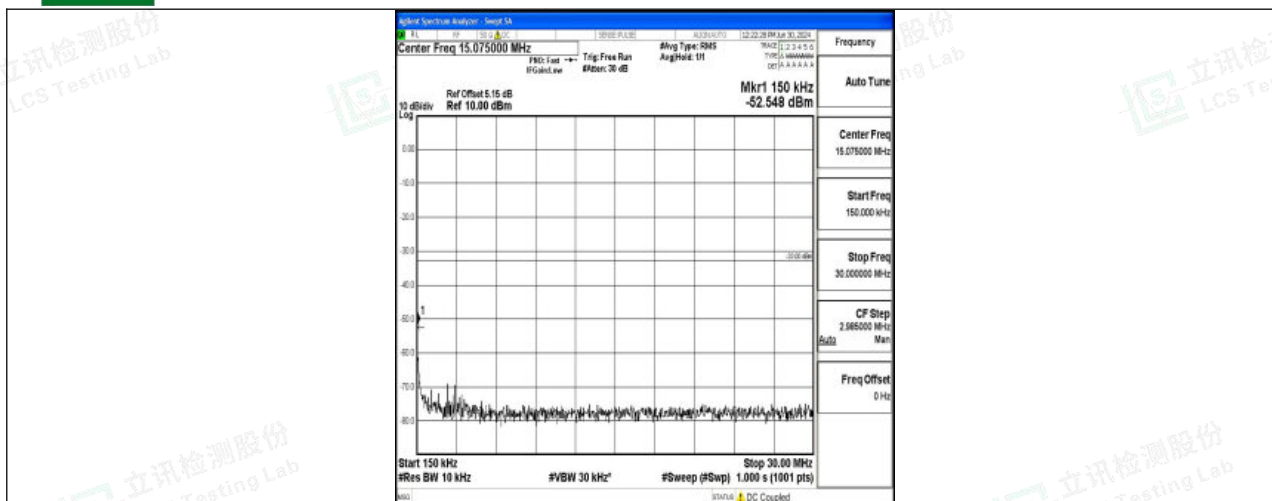


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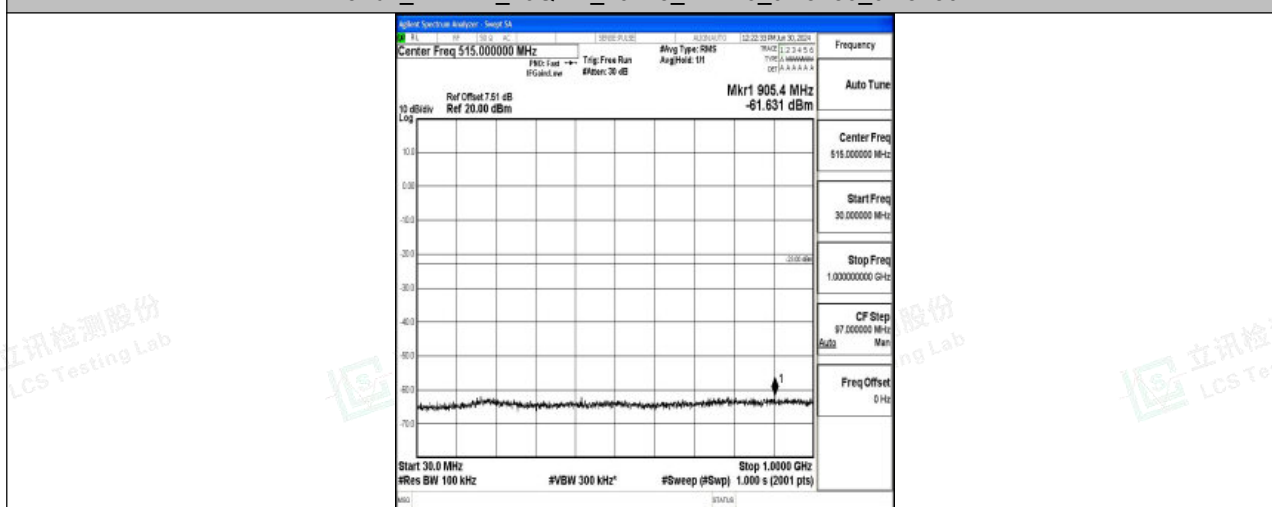
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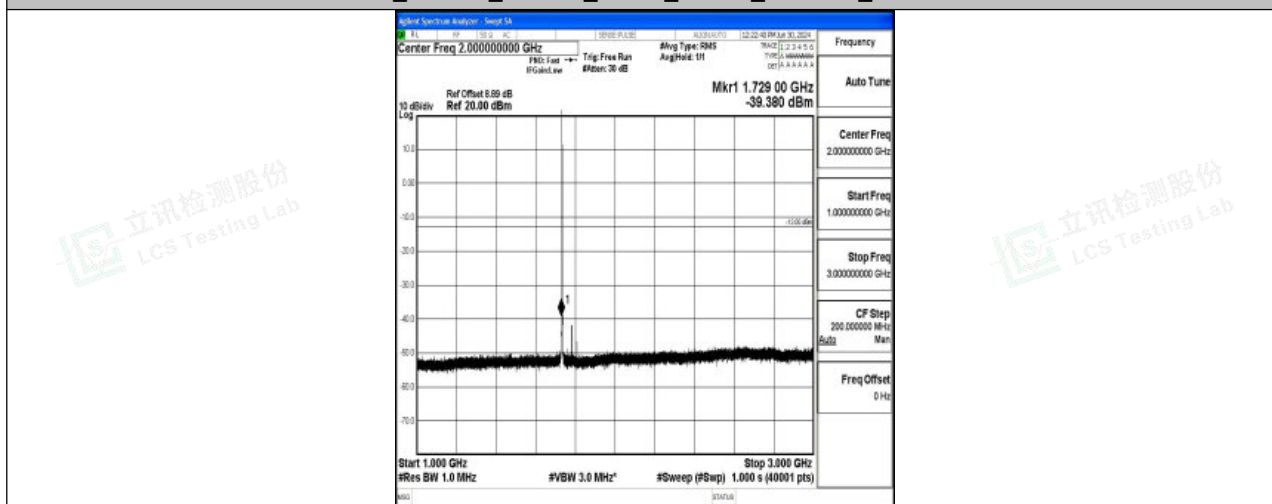
Scan code to check authenticity



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Band4_1.4MHz_16QAM_20175_1RB#0_30~1000_30~1000



Band4_1.4MHz_16QAM_20175_1RB#0_1000~3000_1000~3000

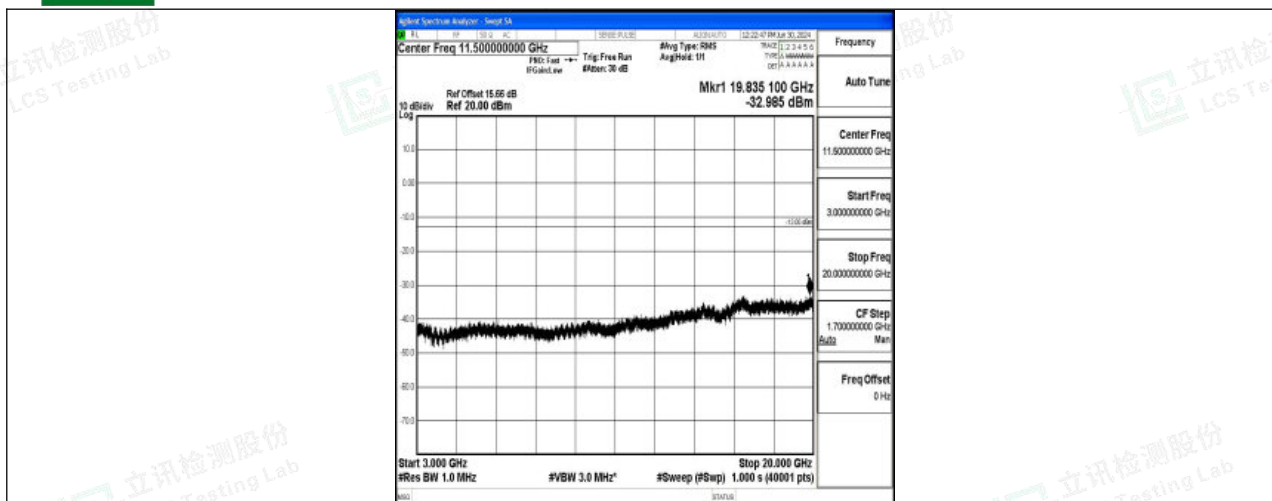


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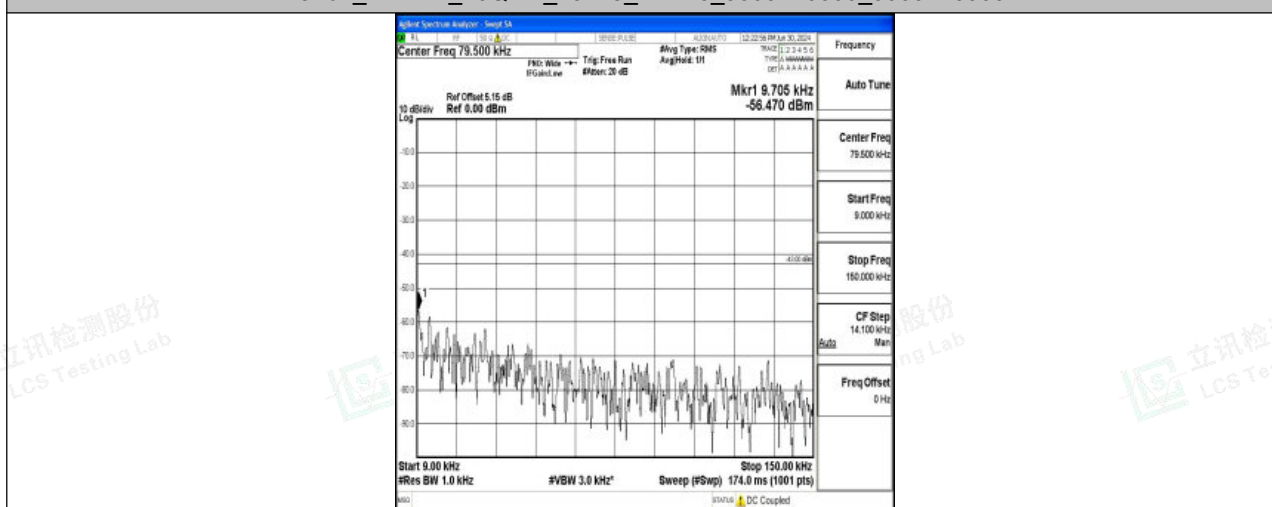
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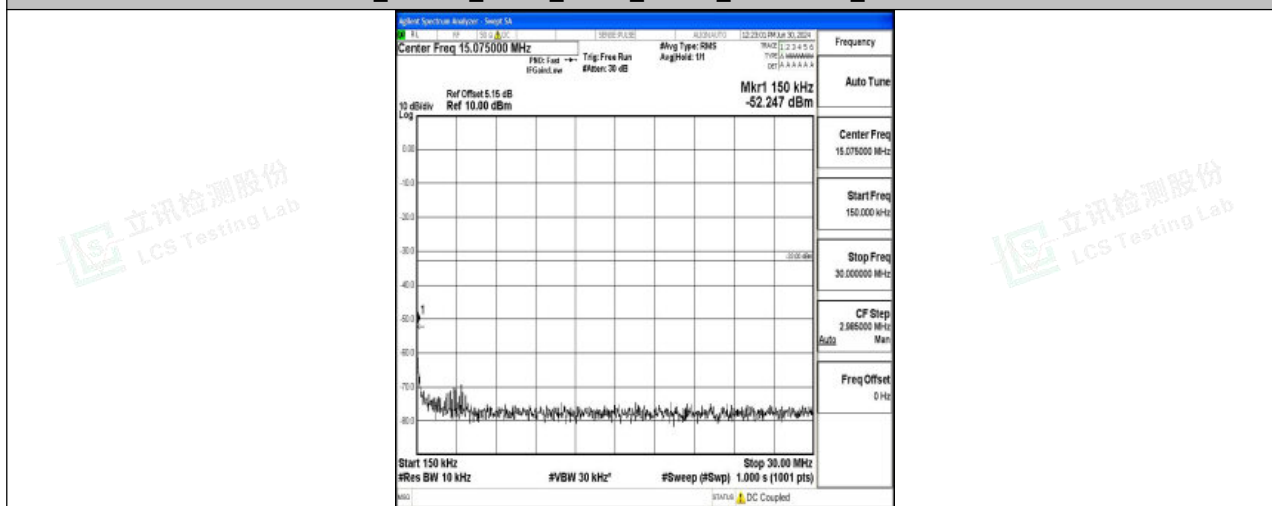
Scan code to check authenticity



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Band4_1.4MHz_QPSK_20393_1RB#0_0.009~0.15_0.009~0.15



Band4_1.4MHz_QPSK_20393_1RB#0_0.15~30_0.15~30



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