



Appendix G: Test Data for E-UTRA Band 4

Product Name: NFC Android Reader

Test Model: FX335

Environmental Conditions

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



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



G.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.37	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.37	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.42	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.42	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.43	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.36	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.18	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.15	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.35	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.41	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.43	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.39	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.41	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.37	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.64	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.55	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.57	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.54	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.54	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.51	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.14	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.97	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.87	PASS





Band4	1.4MHz	16QAM	20175	1RB#5	22.30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.34	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.33	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.37	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.84	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.59	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.54	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.56	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.48	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.49	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.45	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.93	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.25	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.29	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.27	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.60	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.63	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.59	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.56	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.19	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.16	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.11	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.37	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.37	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.39	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.44	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.44	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.44	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.62	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.56	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.62	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.65	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.57	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.74	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.74	PASS





Band4	3MHz	16QAM	19965	1RB#14	21.68	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.01	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.02	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.97	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.92	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.51	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.57	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.56	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.82	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.82	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.83	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.80	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.56	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.49	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.85	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.99	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.98	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.02	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.83	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.41	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.33	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.32	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.60	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.61	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.65	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.57	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.25	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.23	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.21	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.41	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.43	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.42	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.43	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.13	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.15	PASS





Band4	5MHz	QPSK	20375	1RB#24	22.17	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.64	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.66	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.71	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.63	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.23	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.20	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.12	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.93	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.91	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.92	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.99	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.02	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.04	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.94	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.74	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.74	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.74	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.87	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.87	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.87	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.86	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.94	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.79	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.76	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.72	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.36	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.24	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.20	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.55	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.57	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.58	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.53	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.23	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.07	PASS





Band4	10MHz	QPSK	20175	1RB#49	22.06	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.40	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.43	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.42	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.56	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.32	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.41	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.53	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.57	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.58	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.68	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.56	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.81	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.79	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.73	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.88	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.88	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.87	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.90	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.71	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.64	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.54	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.77	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.76	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.76	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.76	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.59	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.64	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.73	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.90	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.91	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.92	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.87	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.35	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.26	PASS





Band4	15MHz	QPSK	20025	1RB#74	22.13	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.54	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.55	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.54	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.54	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.18	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.16	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.07	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.55	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.36	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.47	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.47	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.12	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.20	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.36	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.57	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.57	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.57	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.50	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.81	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.76	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.61	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.55	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.55	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.54	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.83	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.77	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.64	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.59	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.37	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.48	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.47	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.78	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.68	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.70	PASS





Band4	15MHz	16QAM	20325	1RB#74	21.78	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.57	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.57	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.58	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.81	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.77	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.69	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.34	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.55	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.59	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.35	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.54	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.66	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.52	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.41	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.48	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.54	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.48	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.51	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.25	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.28	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.46	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.42	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.53	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.61	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.50	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.65	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.52	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.55	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.01	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.94	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.76	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.81	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.62	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.40	PASS





Band4	20MHz	16QAM	20175	1RB#99	21.49	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.89	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.88	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.89	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.74	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.01	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.91	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.06	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.82	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.83	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.94	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.92	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.39	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.48	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.55	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.09	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.25	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.18	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.50	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.60	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.46	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.28	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.40	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.26	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.23	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.82	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	3.96	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.88	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.48	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.68	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.40	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.62	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	3.87	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.02	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.27	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	4.59	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.85	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.86	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.34	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.32	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.35	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	4.84	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.88	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.86	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.51	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.51	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.47	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.03	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

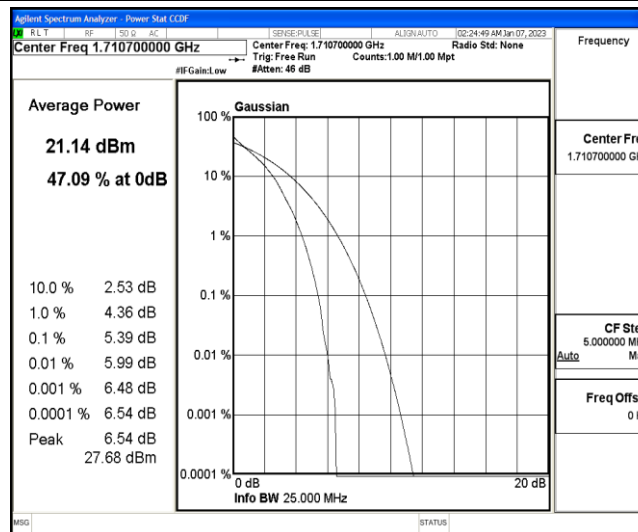
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

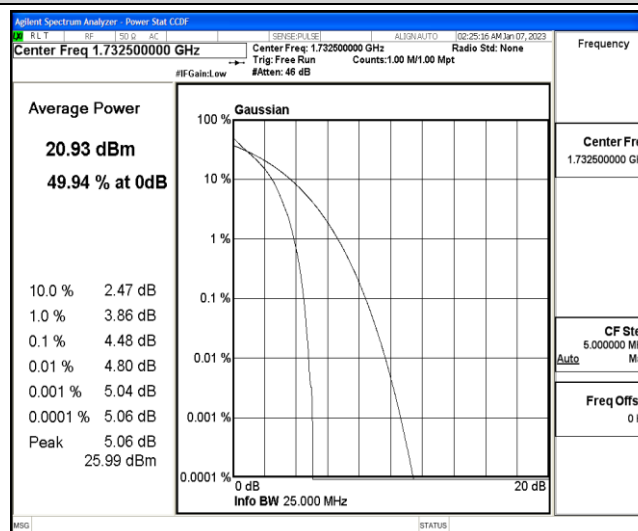


Test Graphs

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



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



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

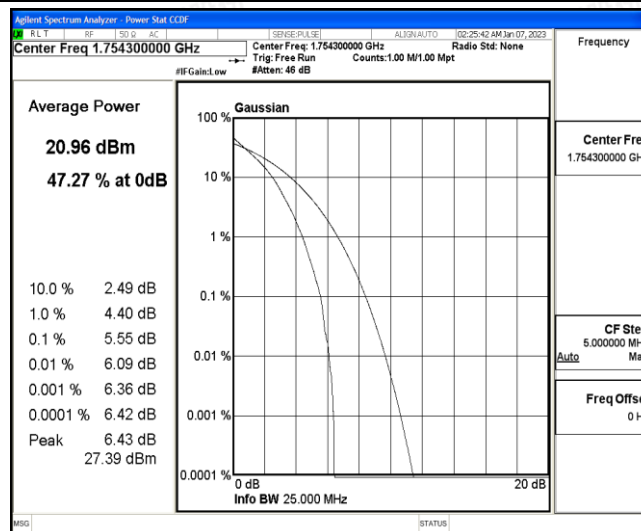


Shenzhen LCS Compliance Testing Laboratory Ltd.

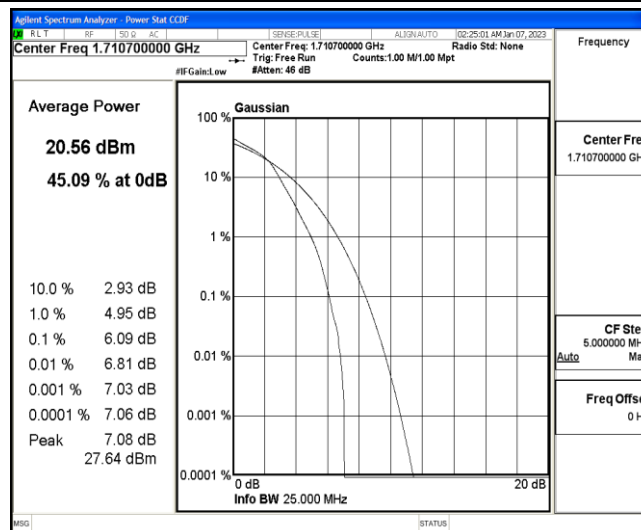
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

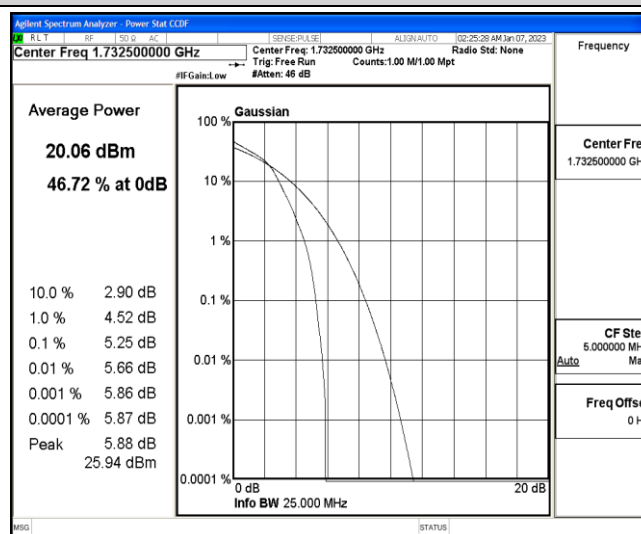
Scan code to check authenticity



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



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



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

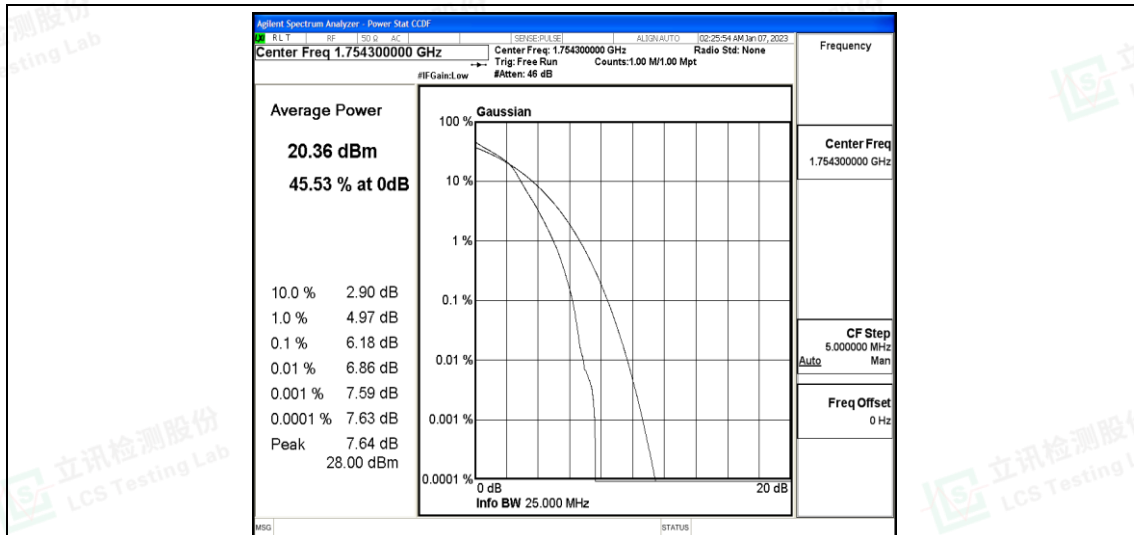


Shenzhen LCS Compliance Testing Laboratory Ltd.

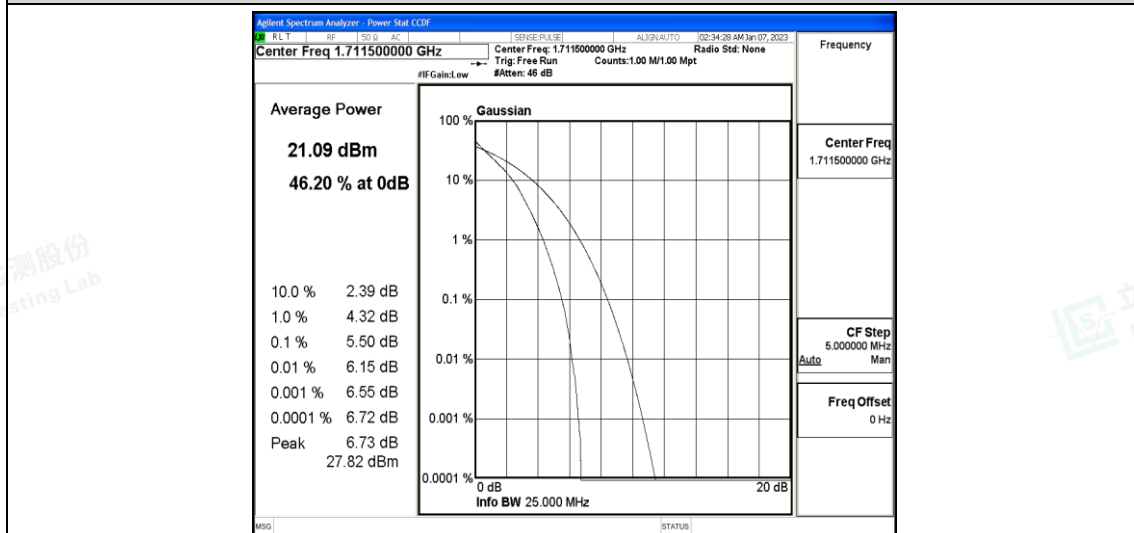
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

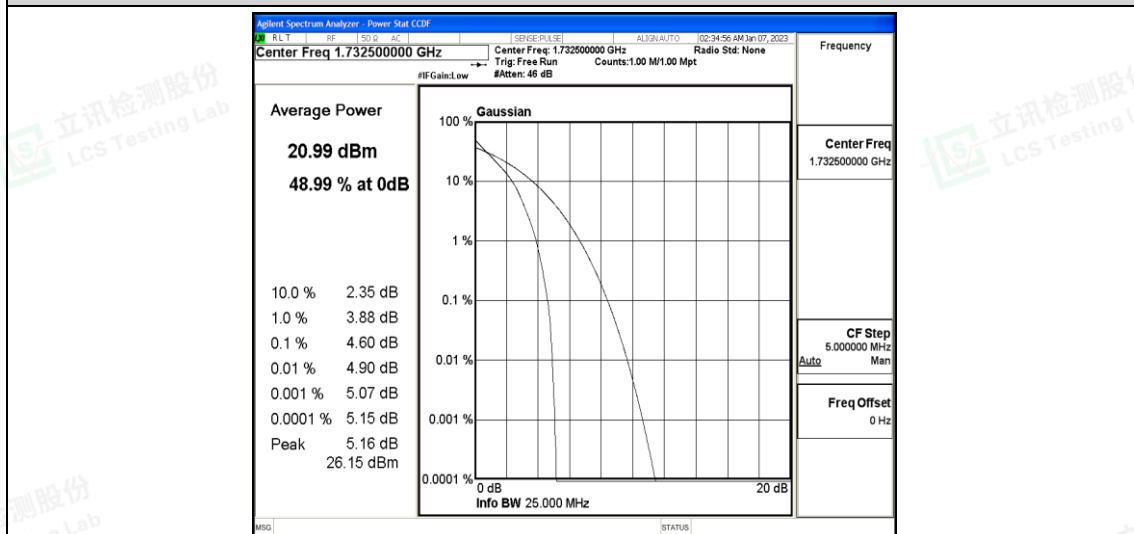
Scan code to check authenticity



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



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



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

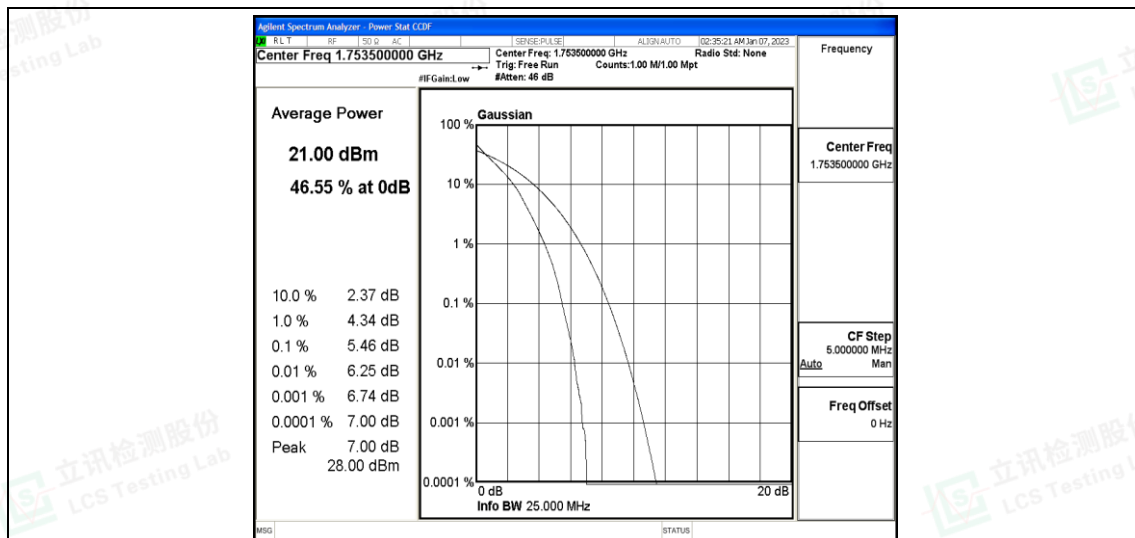


Shenzhen LCS Compliance Testing Laboratory Ltd.

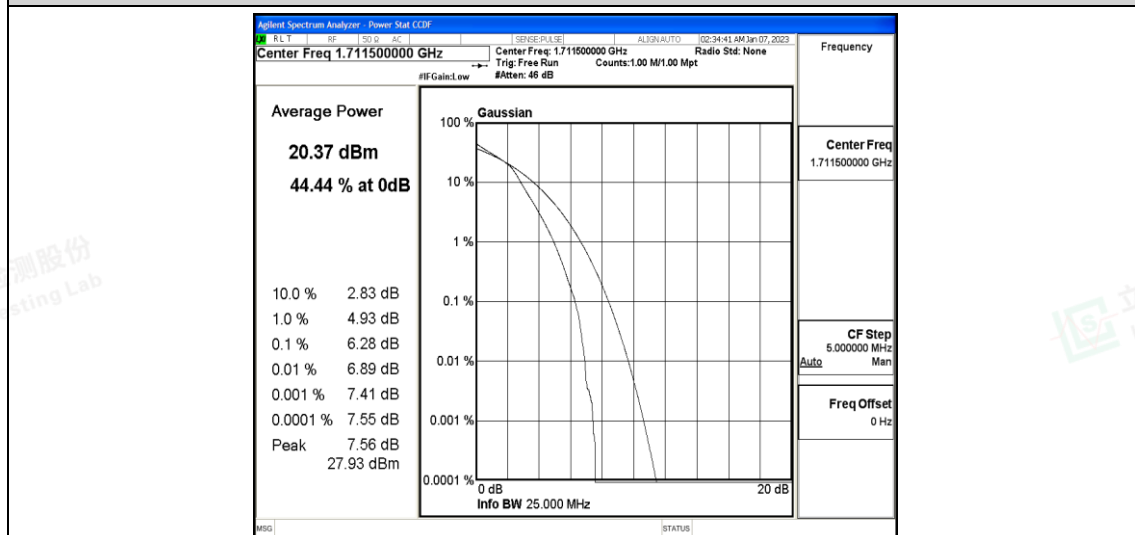
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

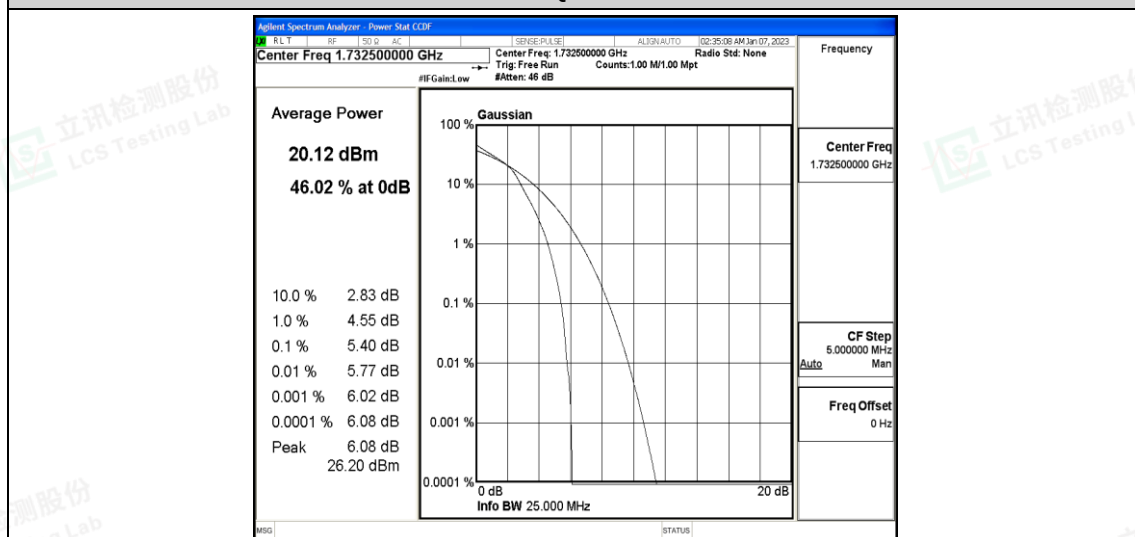
Scan code to check authenticity



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



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



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

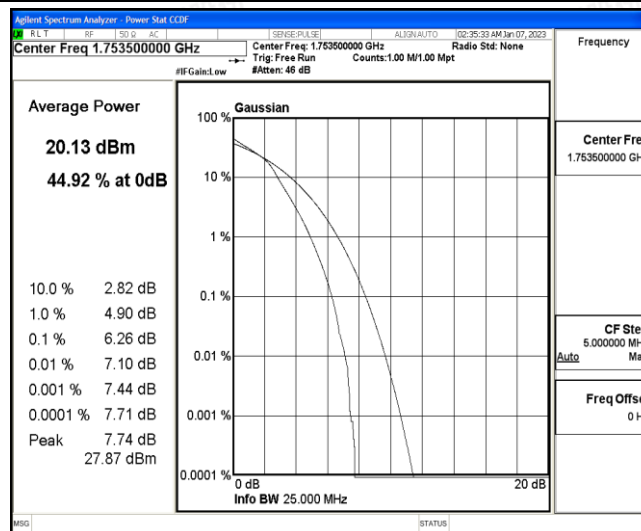


Shenzhen LCS Compliance Testing Laboratory Ltd.

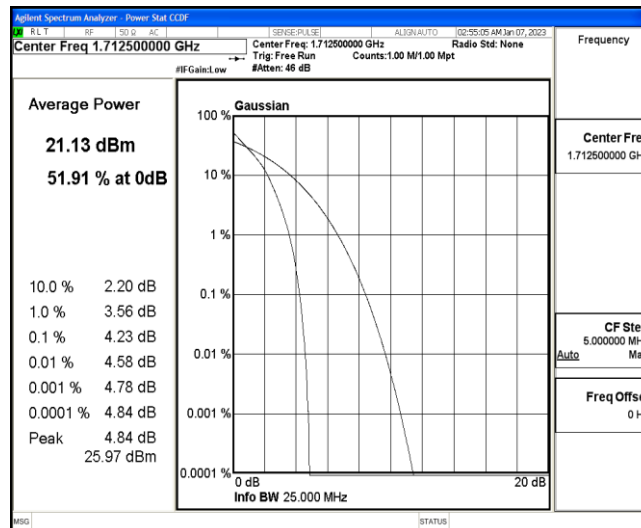
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

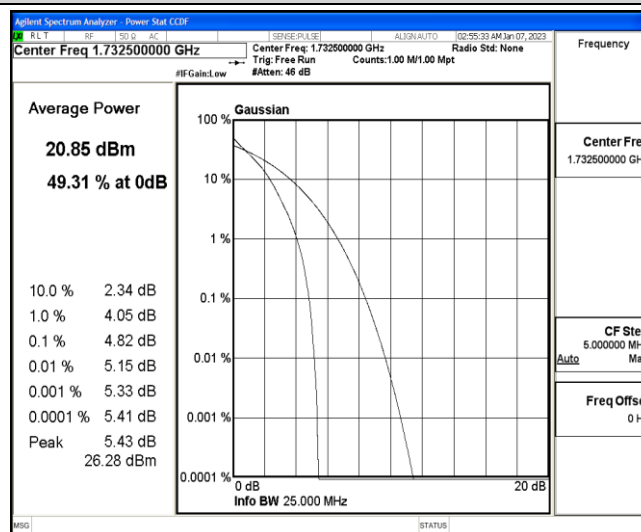
Scan code to check authenticity



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



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



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

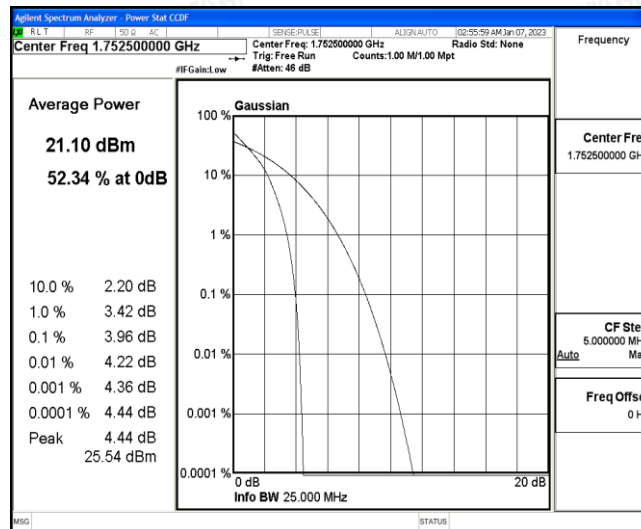


Shenzhen LCS Compliance Testing Laboratory Ltd.

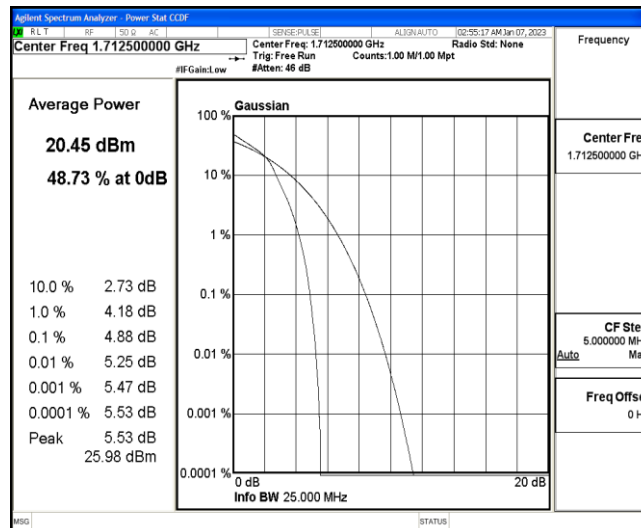
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

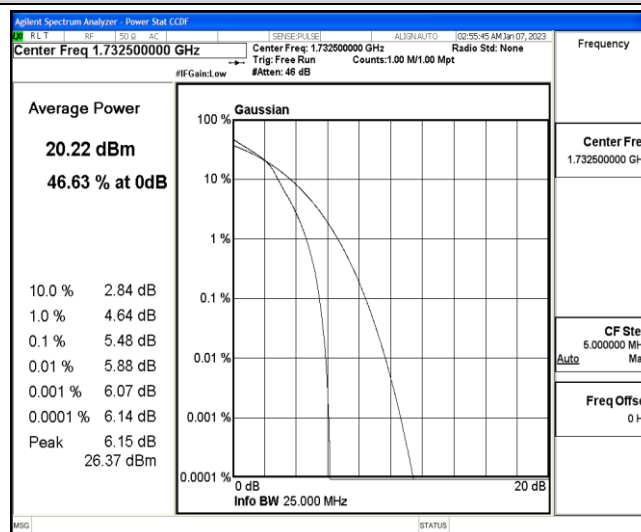
Scan code to check authenticity



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



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



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

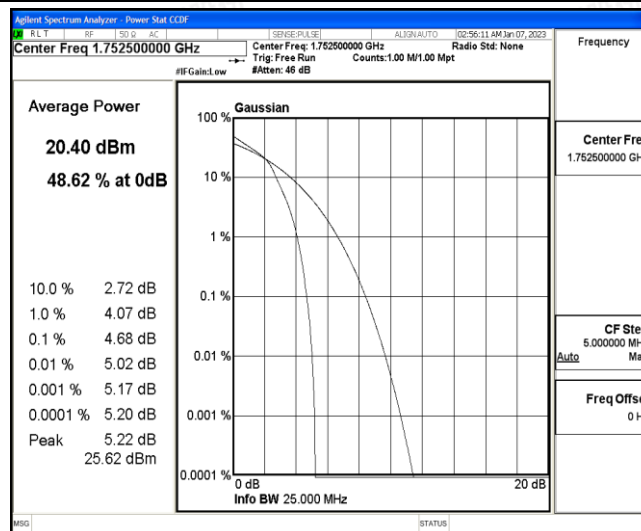


Shenzhen LCS Compliance Testing Laboratory Ltd.

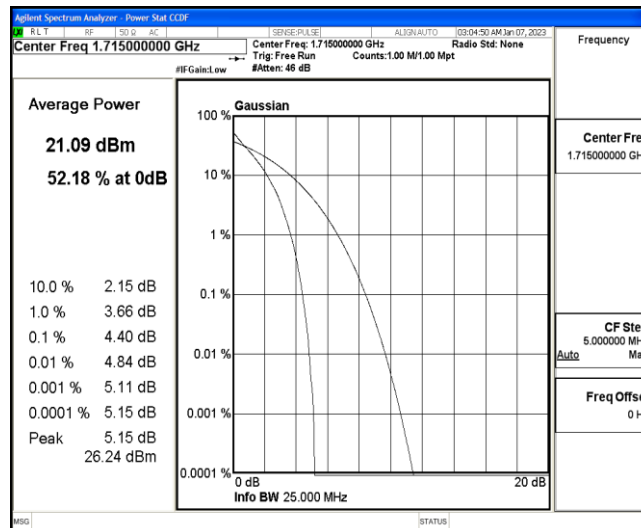
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

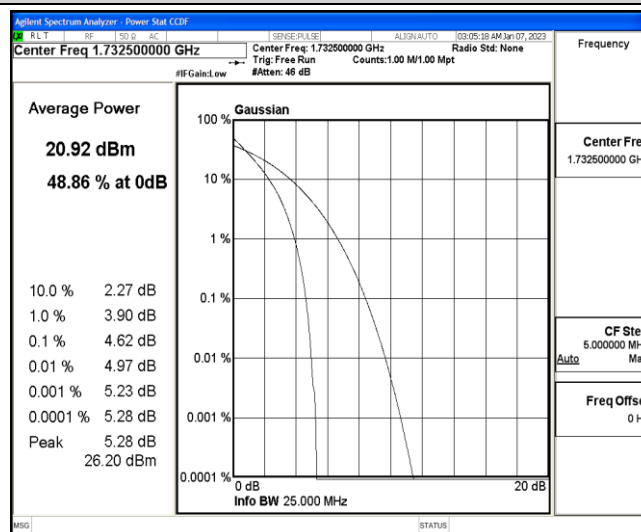
Scan code to check authenticity



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



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



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

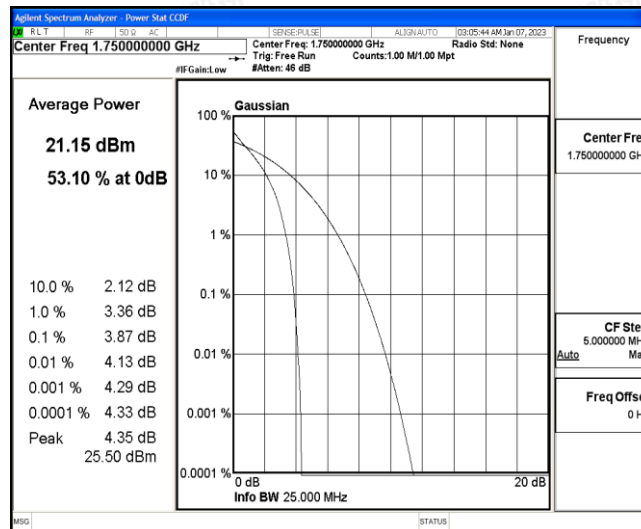


Shenzhen LCS Compliance Testing Laboratory Ltd.

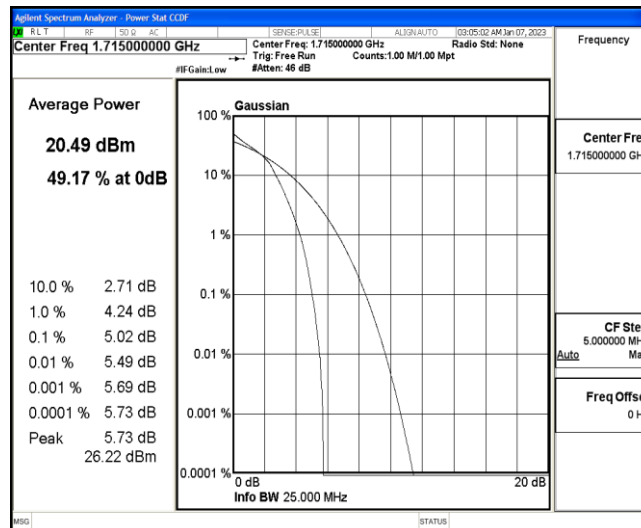
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

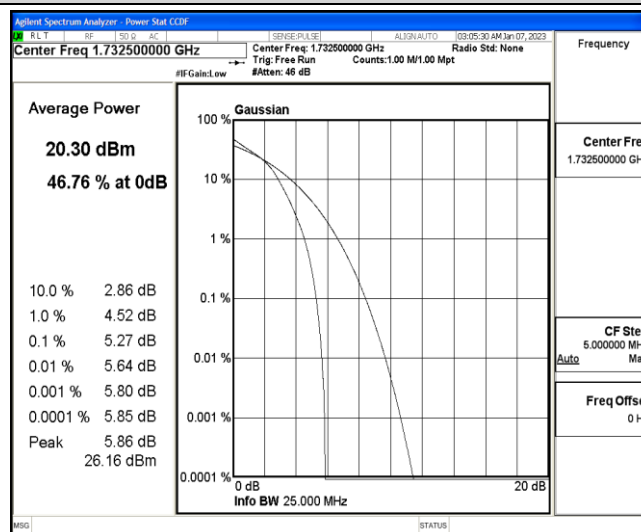
Scan code to check authenticity



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



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



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

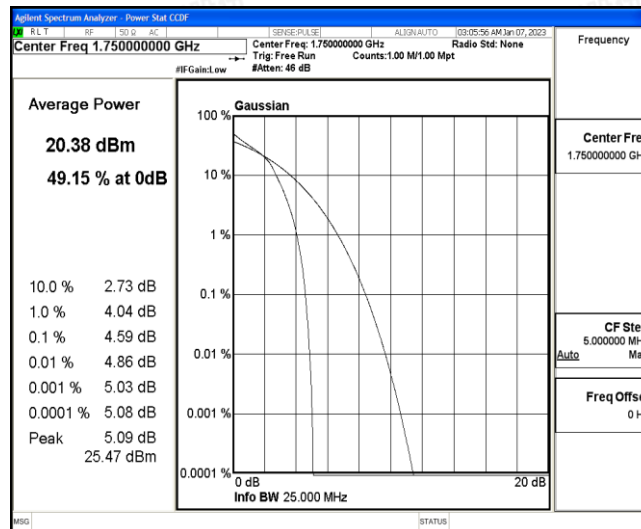


Shenzhen LCS Compliance Testing Laboratory Ltd.

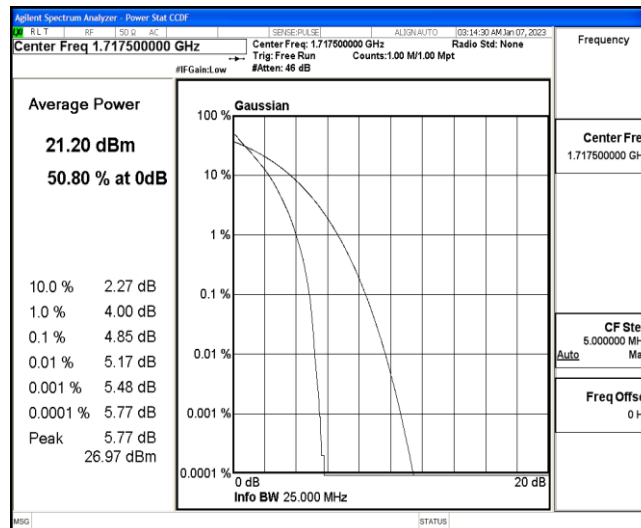
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

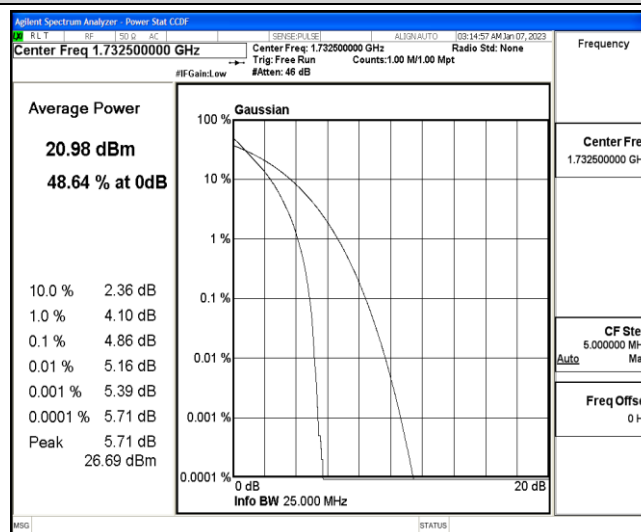
Scan code to check authenticity



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



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



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

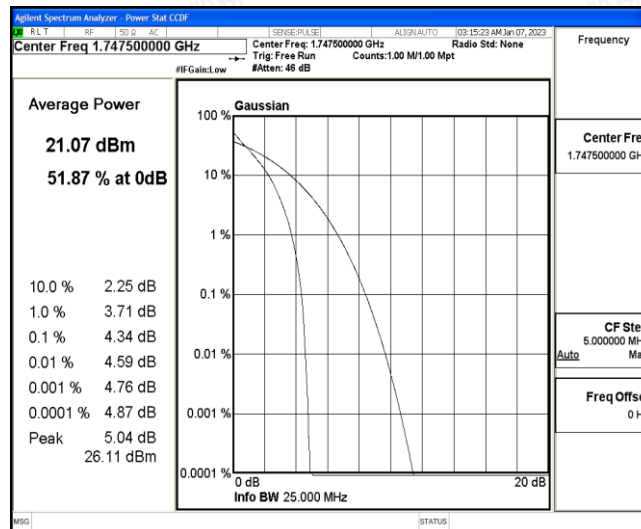


Shenzhen LCS Compliance Testing Laboratory Ltd.

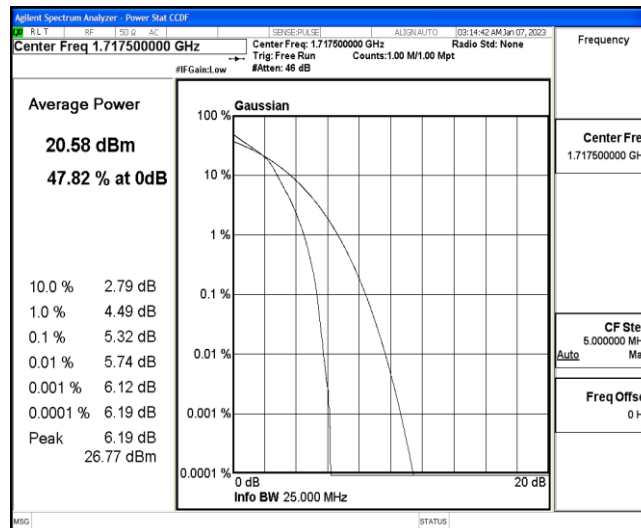
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

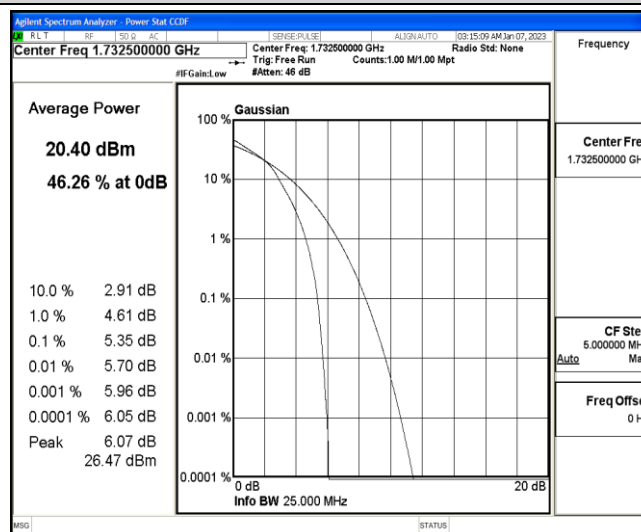
Scan code to check authenticity



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



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



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

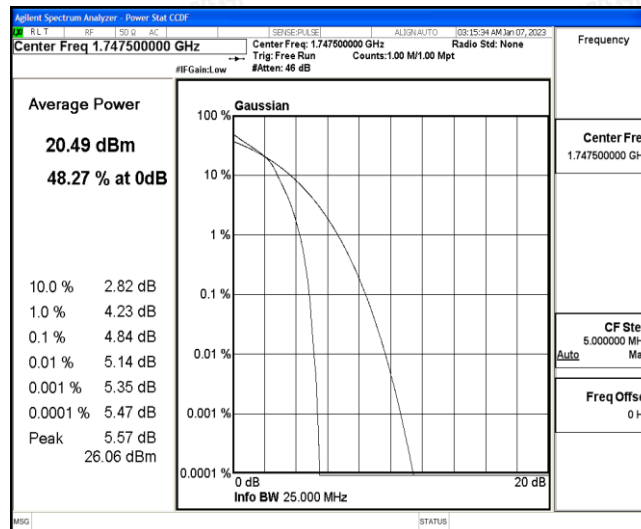


Shenzhen LCS Compliance Testing Laboratory Ltd.

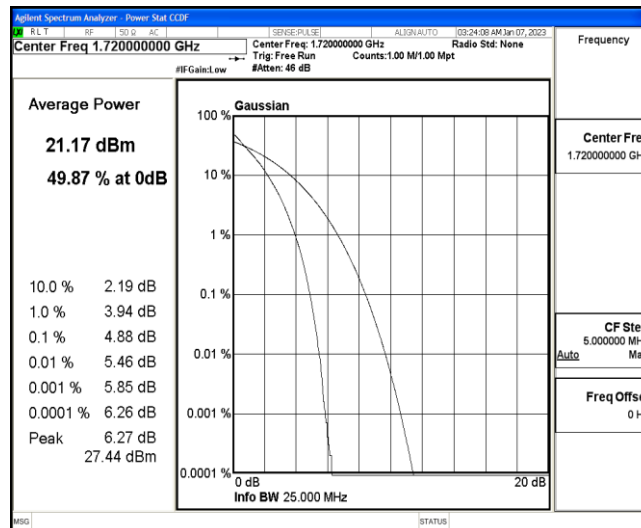
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

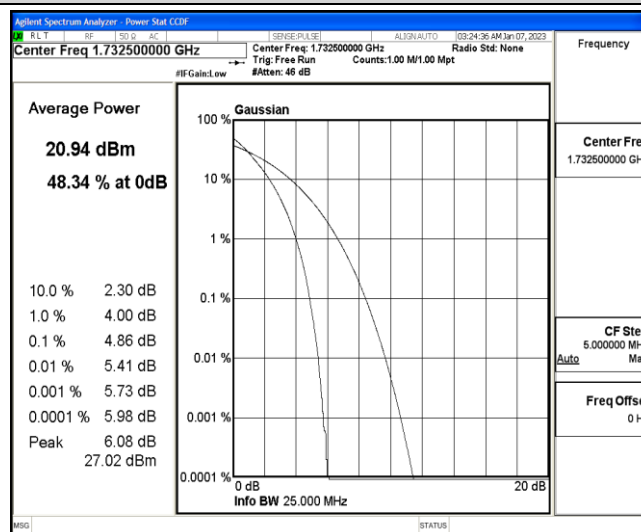
Scan code to check authenticity



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



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



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

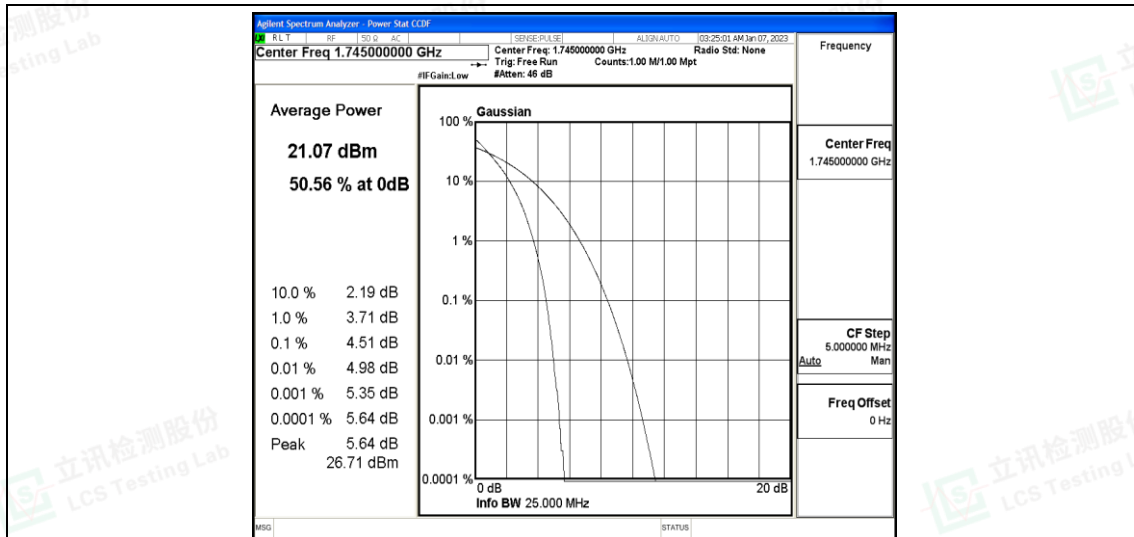


Shenzhen LCS Compliance Testing Laboratory Ltd.

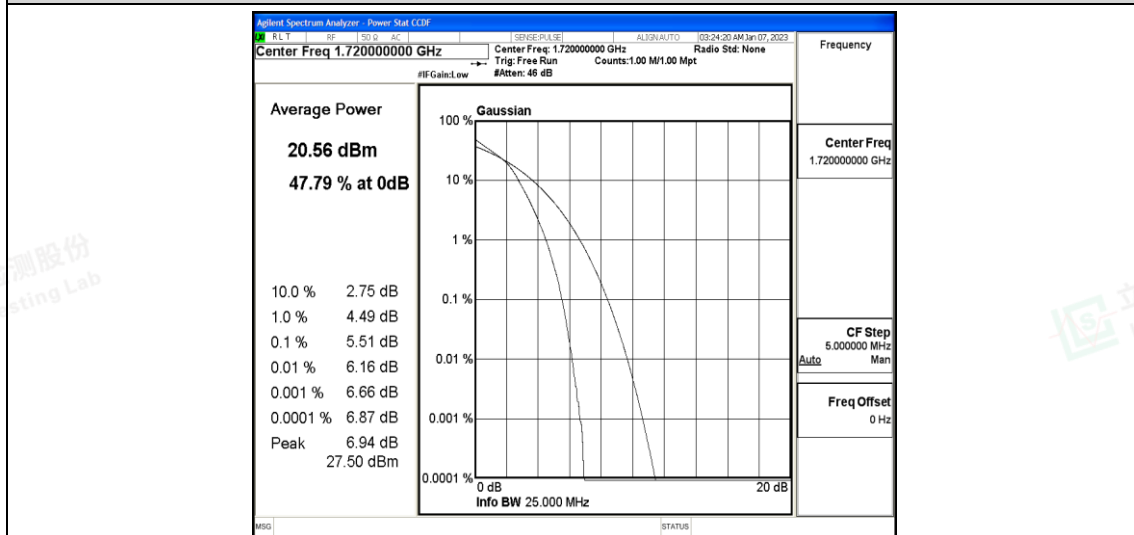
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

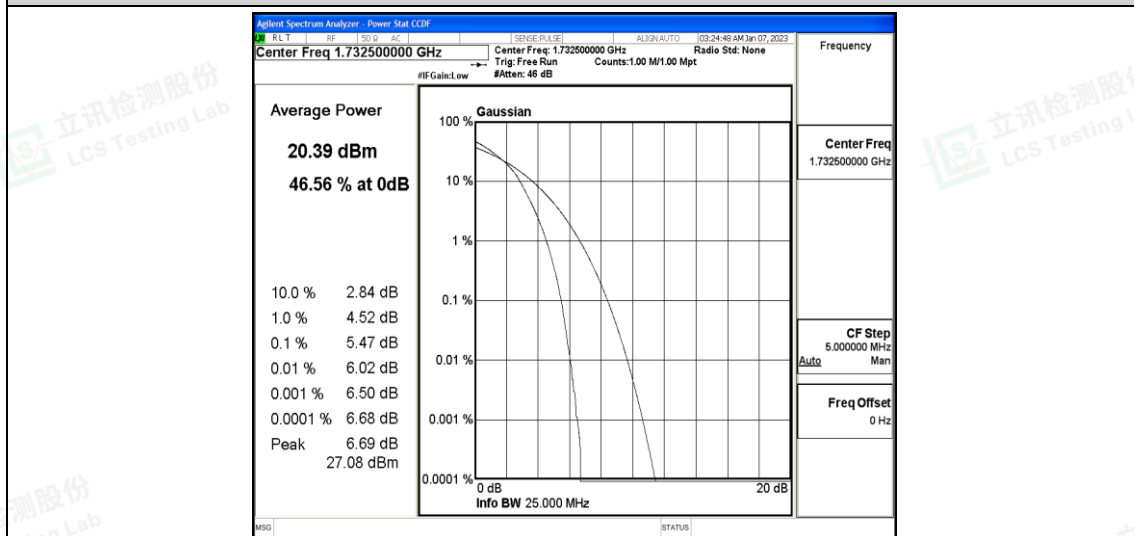
Scan code to check authenticity



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



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



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

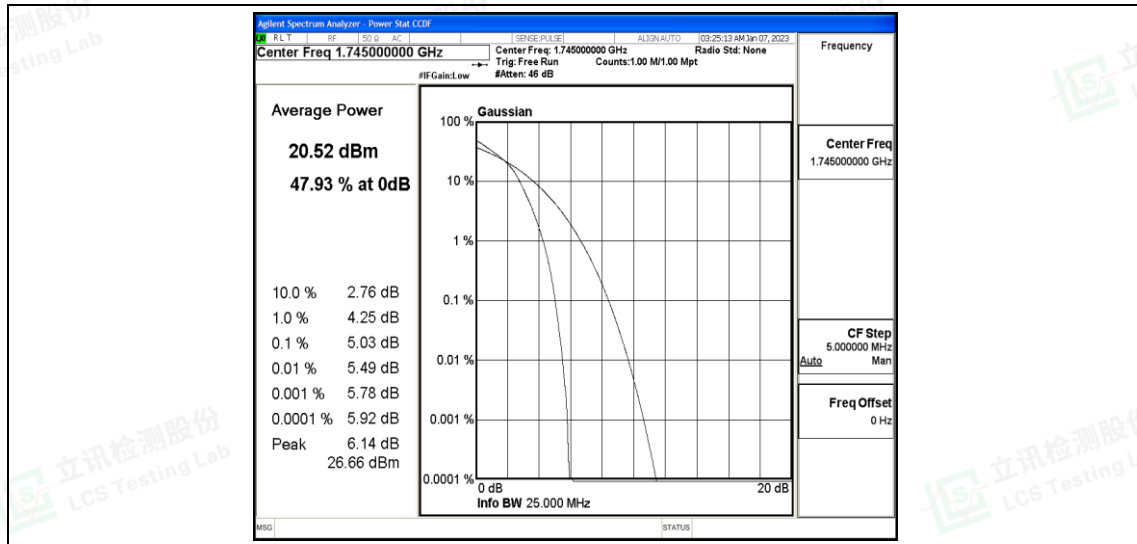


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



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	1.1004	1.237	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0968	1.254	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1003	1.245	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0955	1.252	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1050	1.268	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1008	1.244	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7158	3.010	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7149	3.027	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7074	3.039	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7051	3.026	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7037	3.046	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7106	3.044	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5106	4.992	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5165	4.980	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4956	4.996	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4997	4.959	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5208	4.986	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5162	4.997	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0279	10.14	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0113	10.10	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0240	10.36	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0218	9.976	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9809	10.04	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0118	10.74	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.522	15.35	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.538	15.44	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.530	15.71	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.512	15.12	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.532	15.11	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.545	15.18	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.044	20.10	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.012	20.14	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.074	20.46	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band4	20MHz	16QAM	20050	100RB#0	18.029	20.10	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.050	20.28	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.058	20.19	PASS

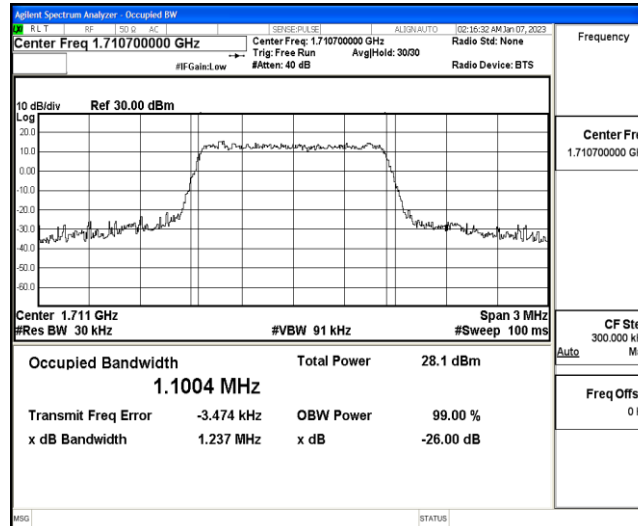


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen,
518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

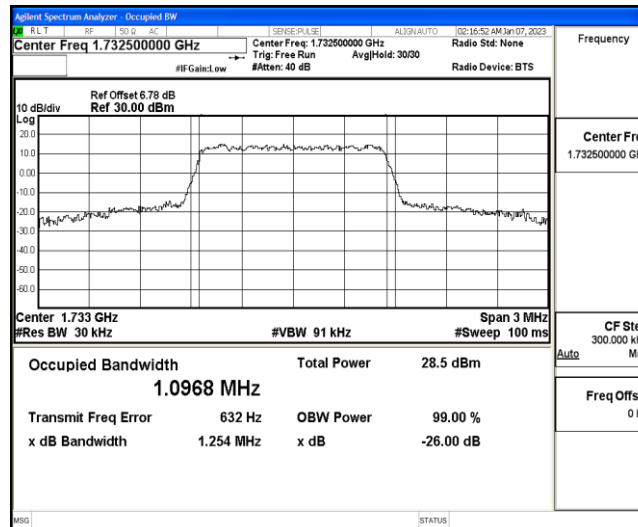


Test Graphs

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



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



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

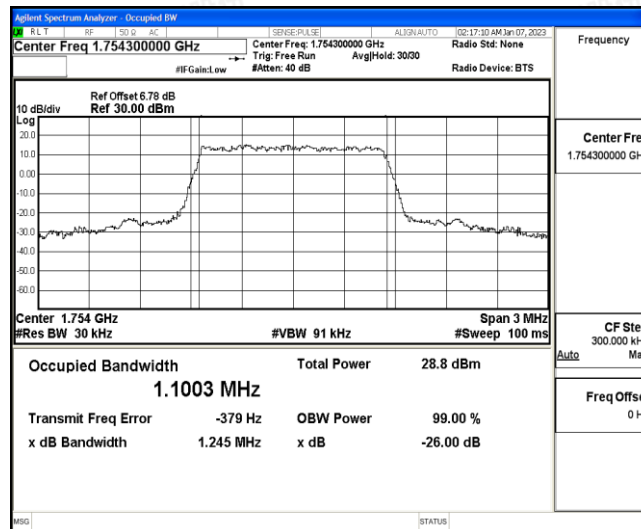


Shenzhen LCS Compliance Testing Laboratory Ltd.

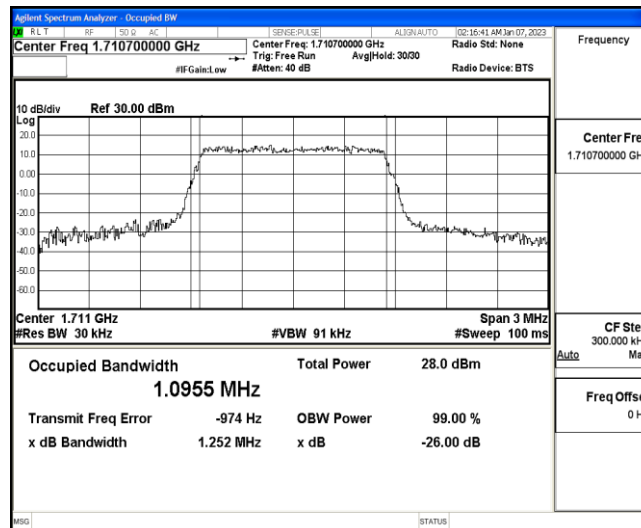
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

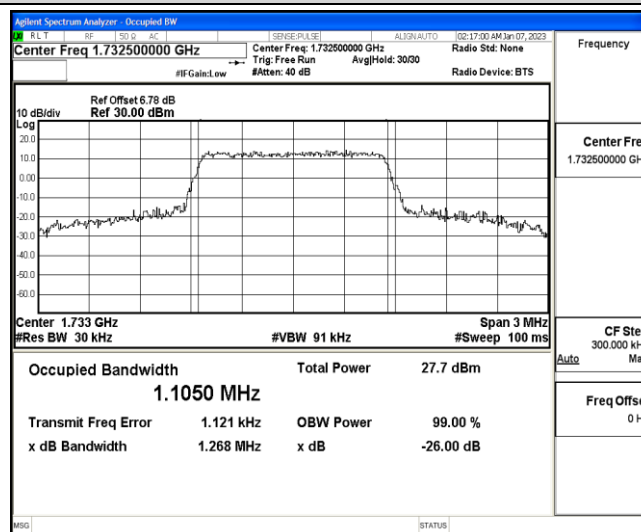
Scan code to check authenticity



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

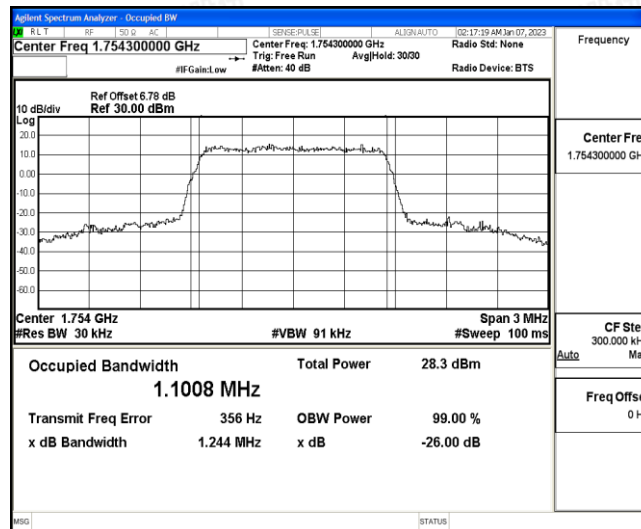


Band4-1.4MHz-16QAM-20175-6RB#0

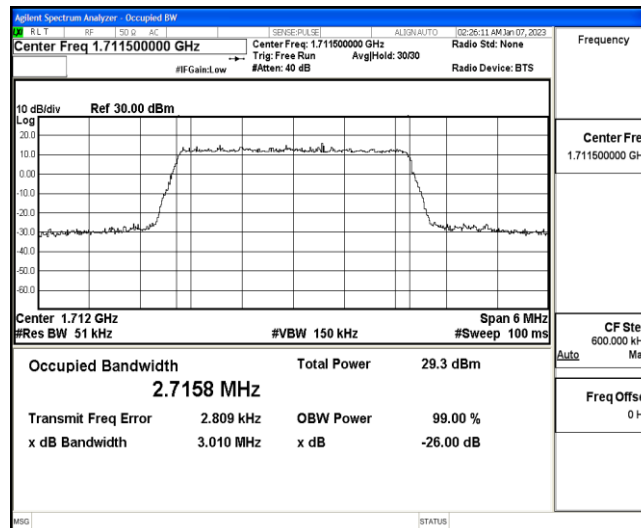


Band4-1.4MHz-16QAM-20393-6RB#0

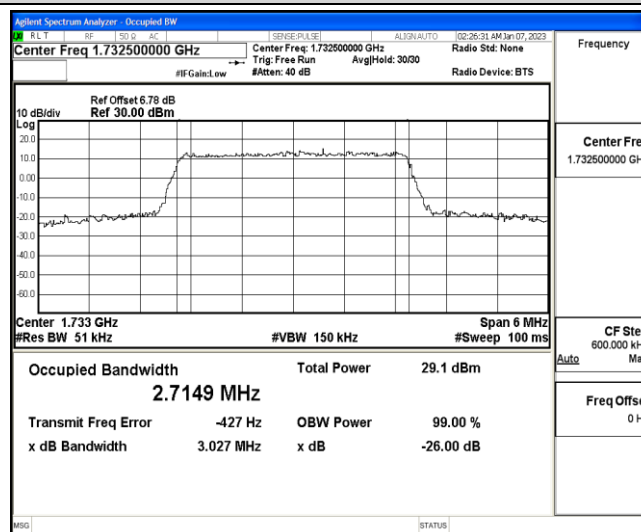




Band4-3MHz-QPSK-19965-15RB#0

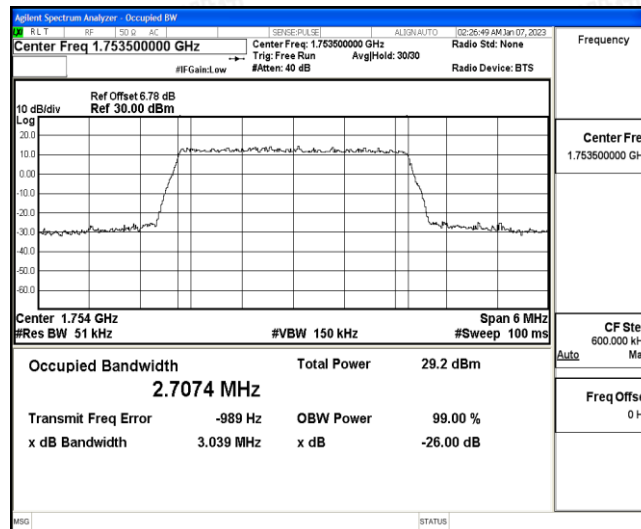


Band4-3MHz-QPSK-20175-15RB#0

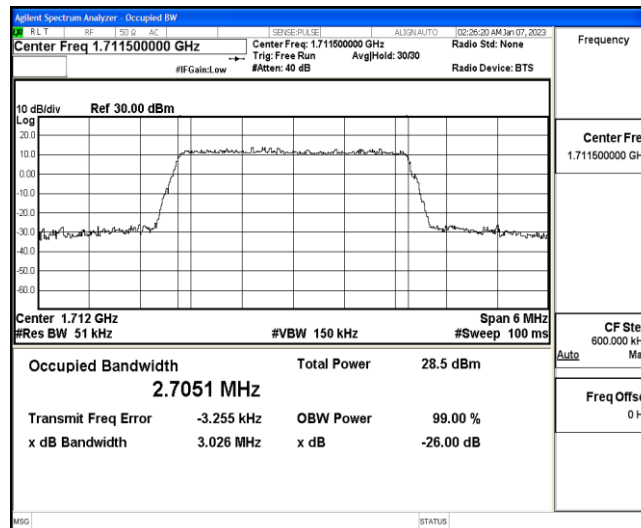


Band4-3MHz-QPSK-20385-15RB#0

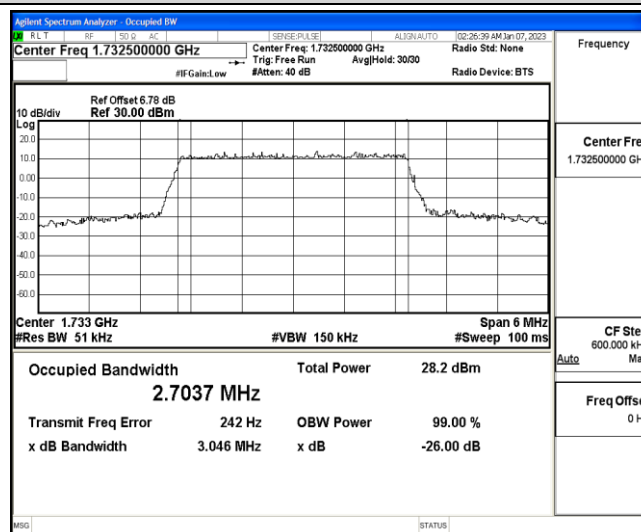




Band4-3MHz-16QAM-19965-15RB#0

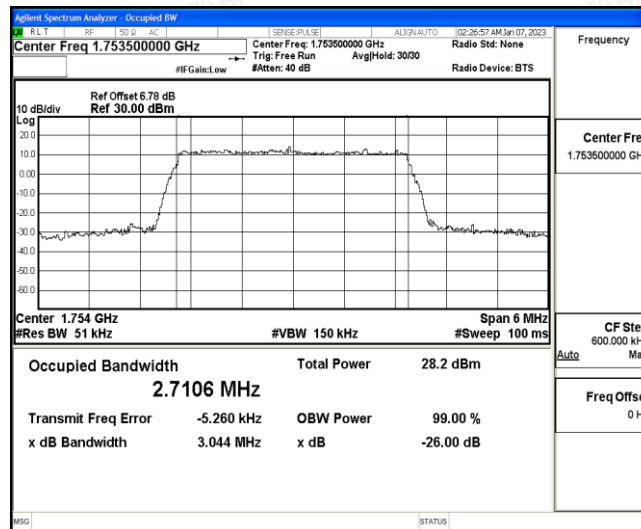


Band4-3MHz-16QAM-20175-15RB#0

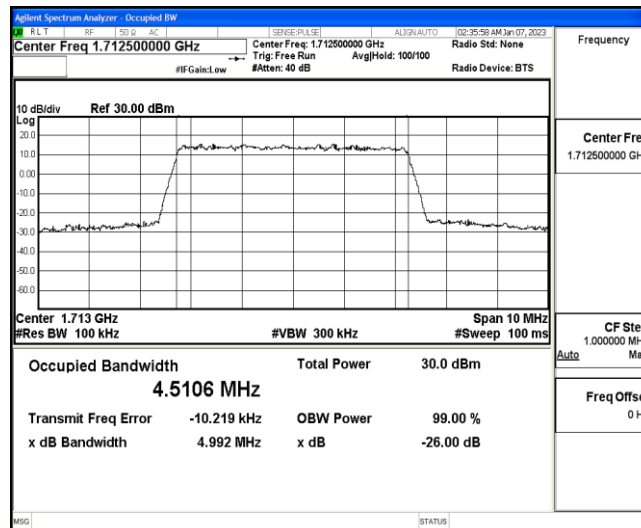


Band4-3MHz-16QAM-20385-15RB#0

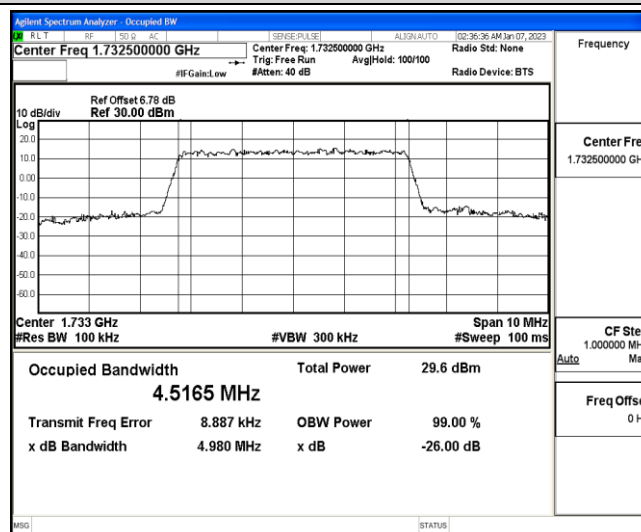




Band4-5MHz-QPSK-19975-25RB#0

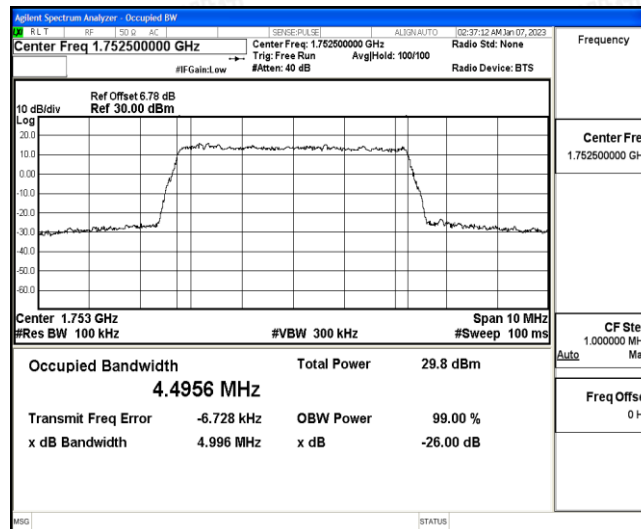


Band4-5MHz-QPSK-20175-25RB#0

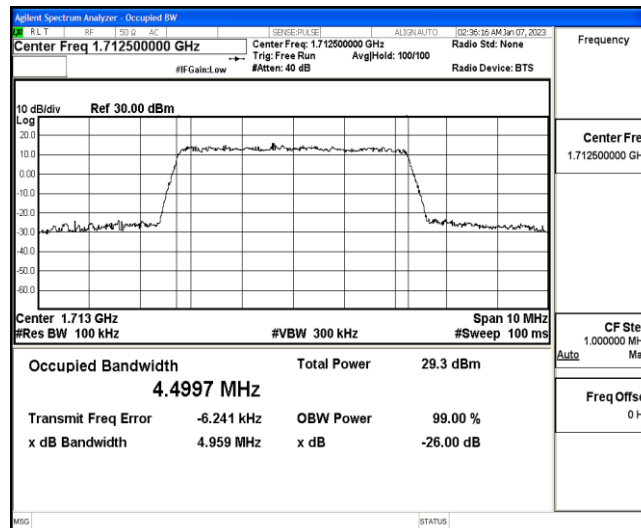


Band4-5MHz-QPSK-20375-25RB#0

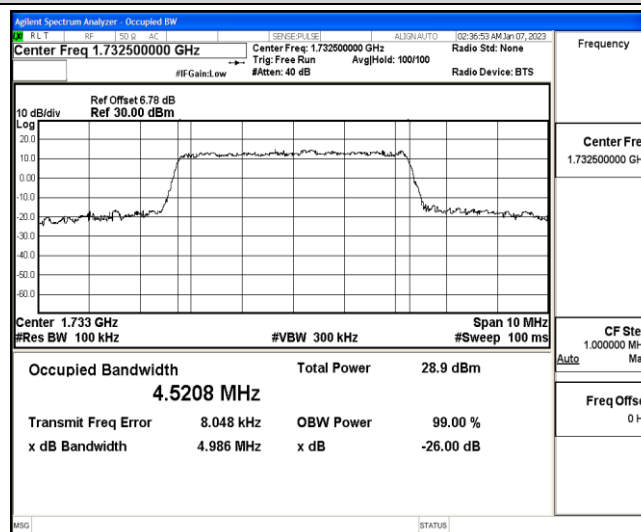




Band4-5MHz-16QAM-19975-25RB#0

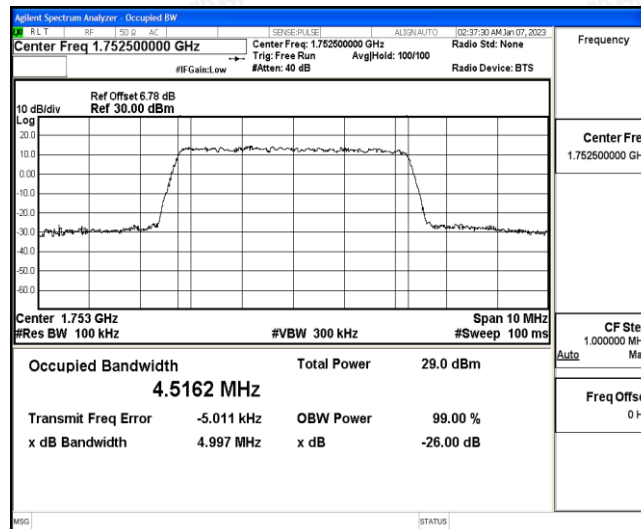


Band4-5MHz-16QAM-20175-25RB#0

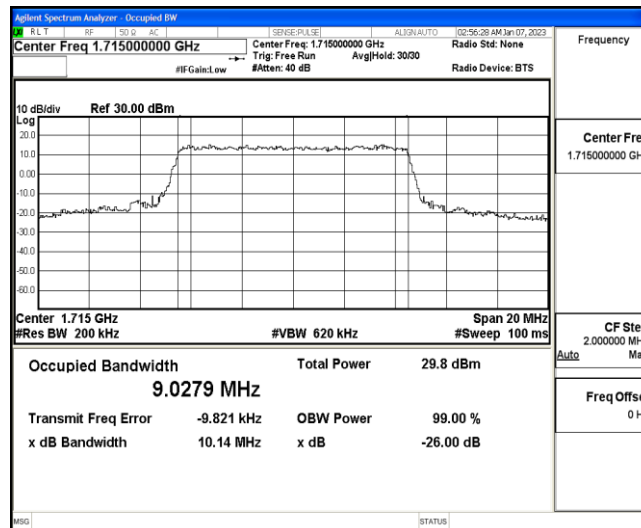


Band4-5MHz-16QAM-20375-25RB#0

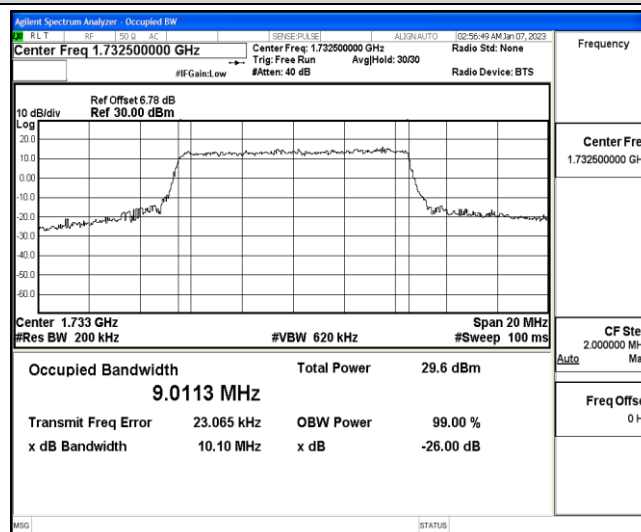




Band4-10MHz-QPSK-20000-50RB#0



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



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

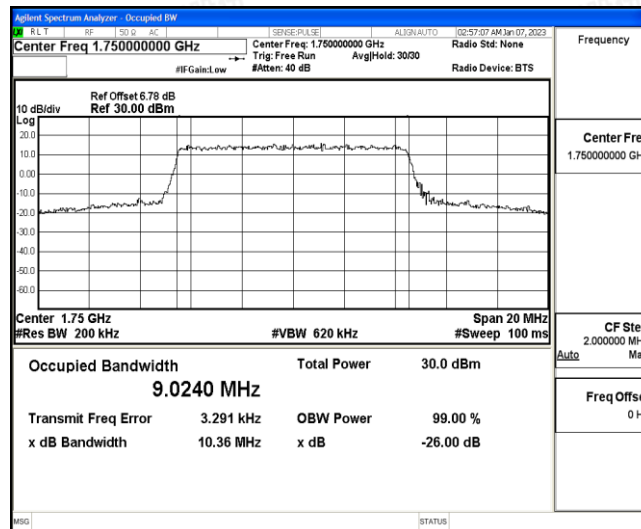


Shenzhen LCS Compliance Testing Laboratory Ltd.

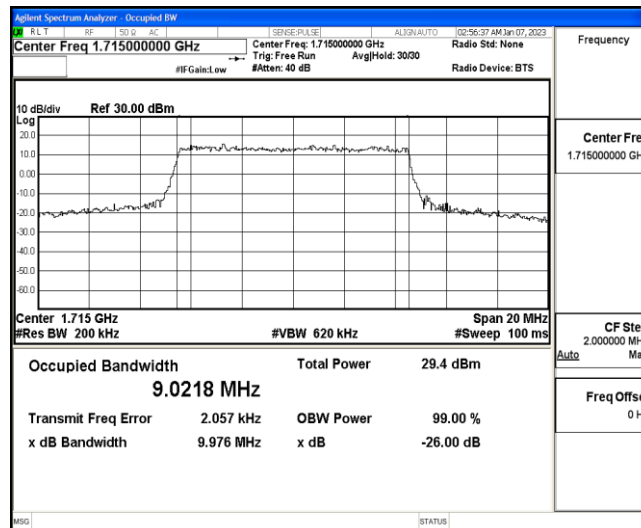
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

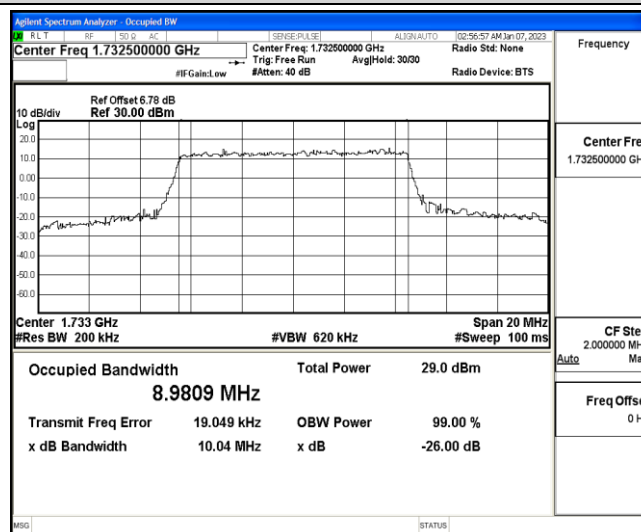
Scan code to check authenticity



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

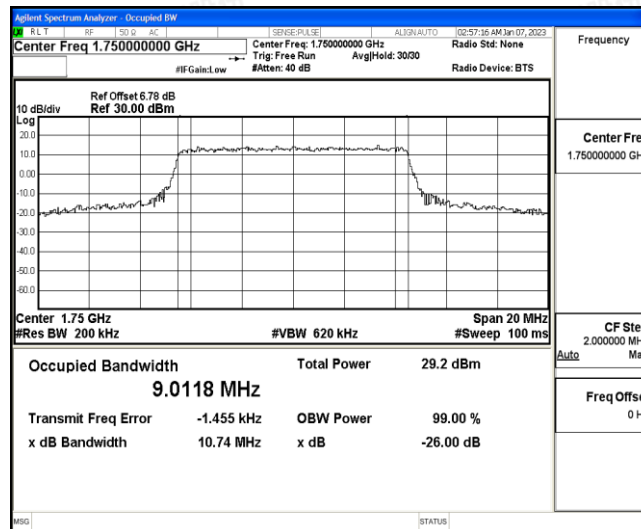


Band4-10MHz-16QAM-20175-50RB#0

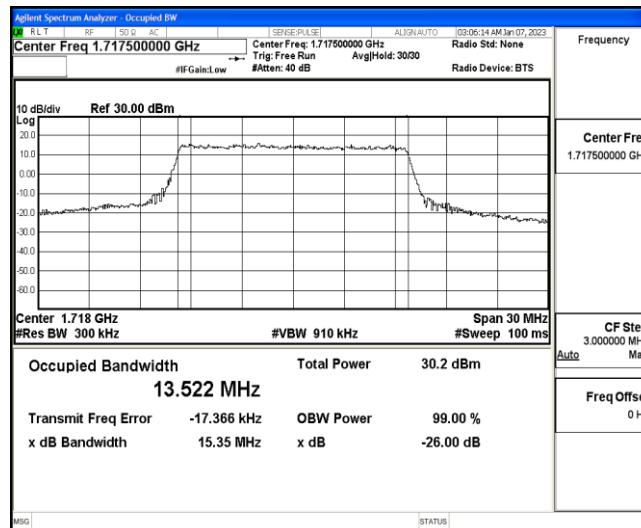


Band4-10MHz-16QAM-20350-50RB#0

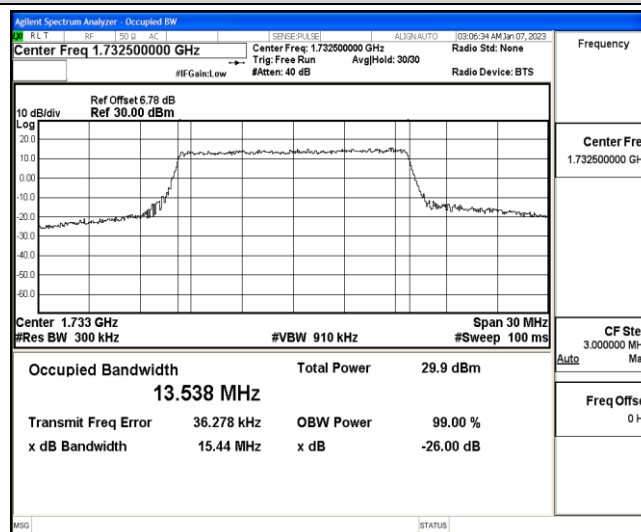




Band4-15MHz-QPSK-20025-75RB#0

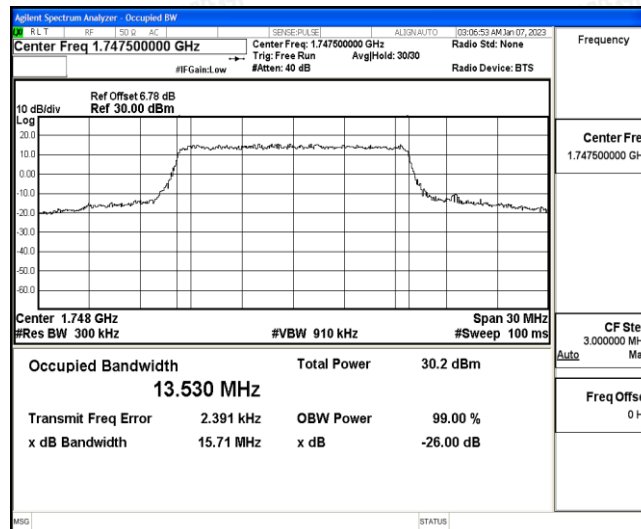


Band4-15MHz-QPSK-20175-75RB#0

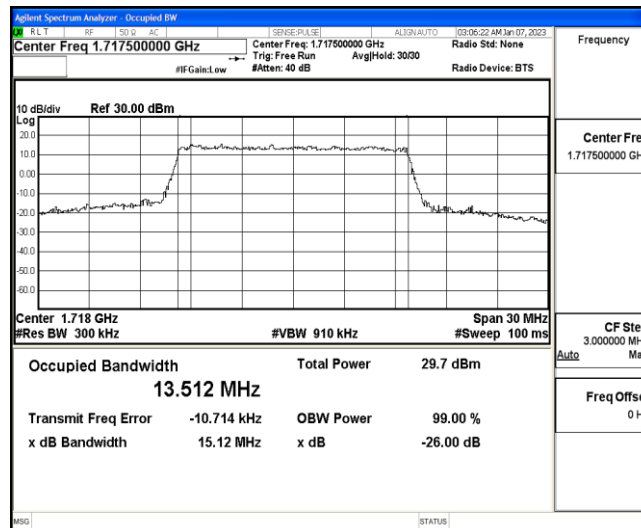


Band4-15MHz-QPSK-20325-75RB#0

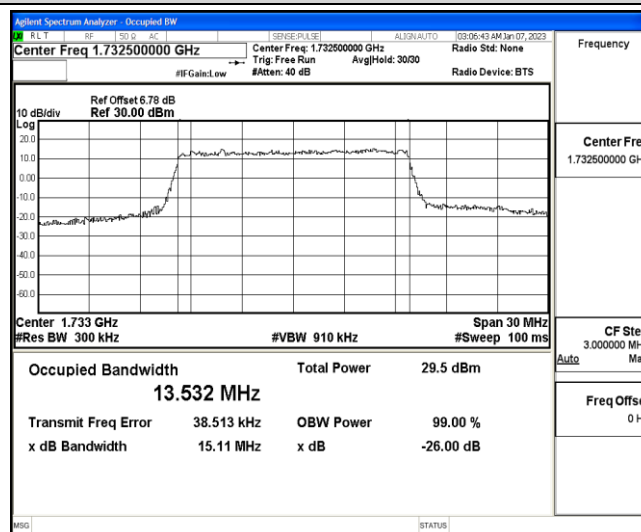




Band4-15MHz-16QAM-20025-75RB#0

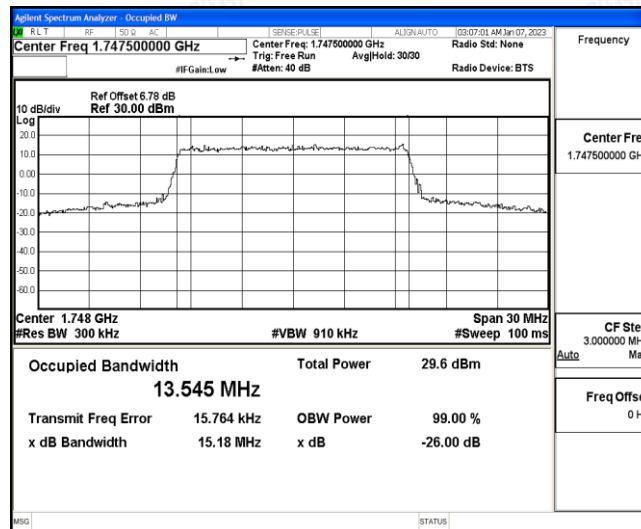


Band4-15MHz-16QAM-20175-75RB#0

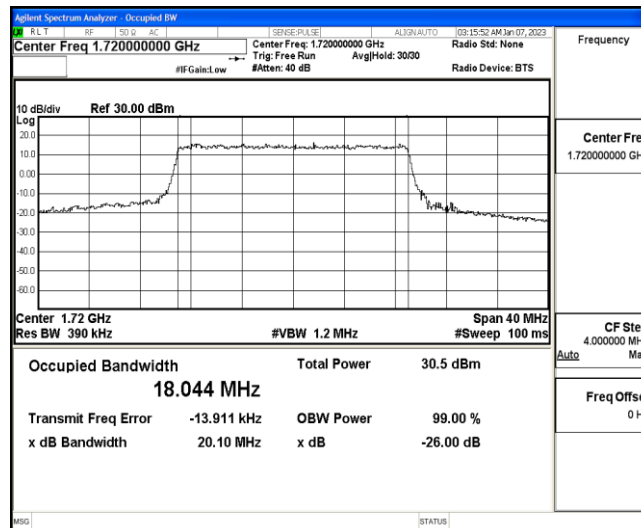


Band4-15MHz-16QAM-20325-75RB#0

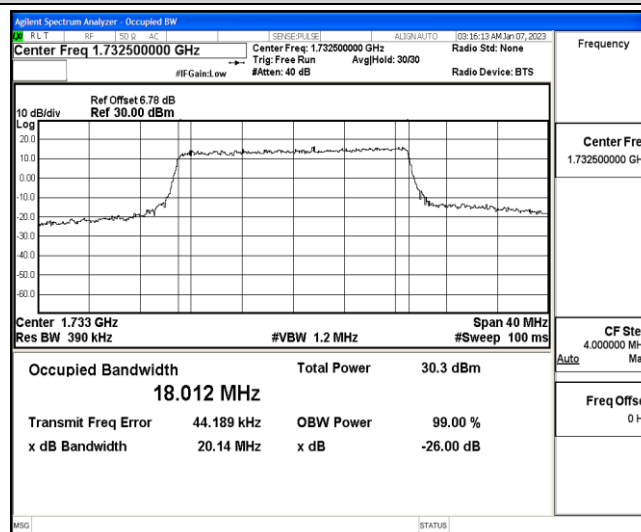




Band4-20MHz-QPSK-20050-100RB#0

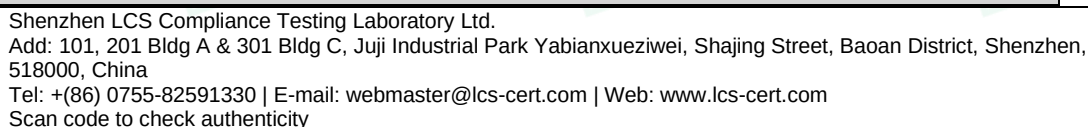
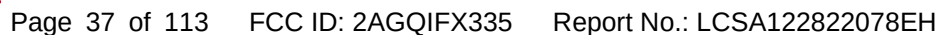


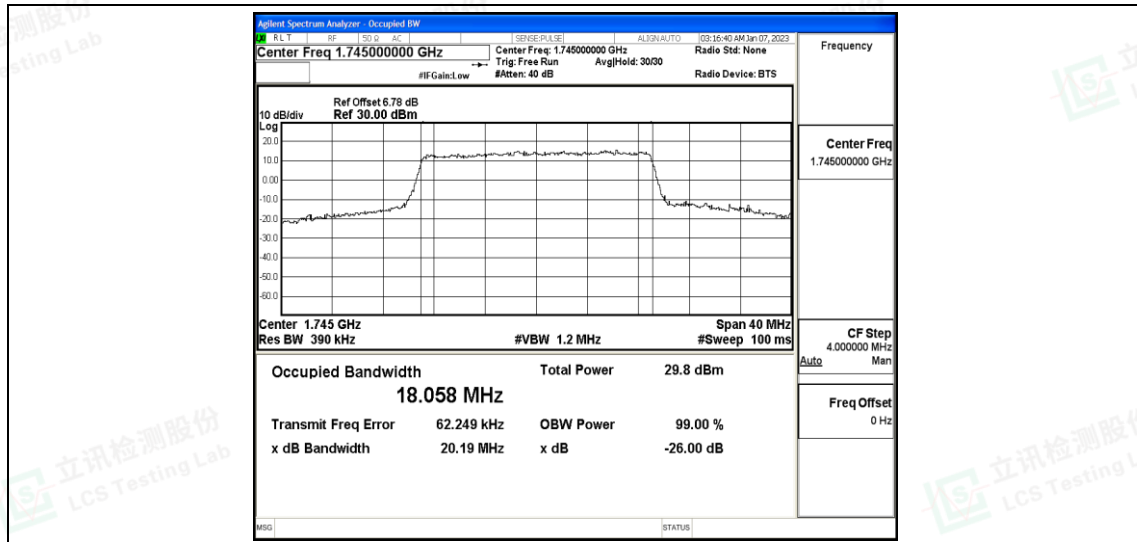
Band4-20MHz-QPSK-20175-100RB#0



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









G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-31.50	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-31.16	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-33.42	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-32.63	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.50	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.45	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.36	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.66	PASS
Band4	5MHz	QPSK	20375	25RB#0	-28.36	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.05	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.59	PASS
Band4	10MHz	QPSK	20000	50RB#0	-24.45	PASS
Band4	10MHz	QPSK	20350	50RB#0	-22.91	PASS
Band4	10MHz	16QAM	20000	50RB#0	-25.55	PASS
Band4	10MHz	16QAM	20350	50RB#0	-23.96	PASS
Band4	15MHz	QPSK	20025	75RB#0	-23.15	PASS
Band4	15MHz	QPSK	20325	75RB#0	-21.19	PASS
Band4	15MHz	16QAM	20025	75RB#0	-25.02	PASS
Band4	15MHz	16QAM	20325	75RB#0	-23.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	-23.61	PASS
Band4	20MHz	QPSK	20300	100RB#0	-21.78	PASS
Band4	20MHz	16QAM	20050	100RB#0	-25.27	PASS
Band4	20MHz	16QAM	20300	100RB#0	-23.10	PASS

Test Graphs

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

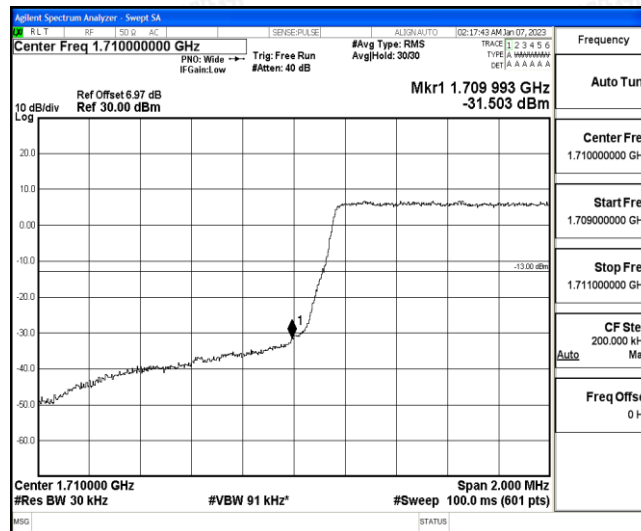


Shenzhen LCS Compliance Testing Laboratory Ltd.

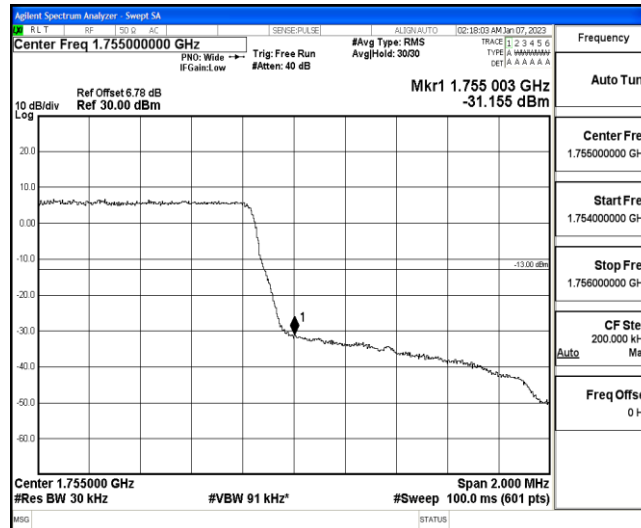
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

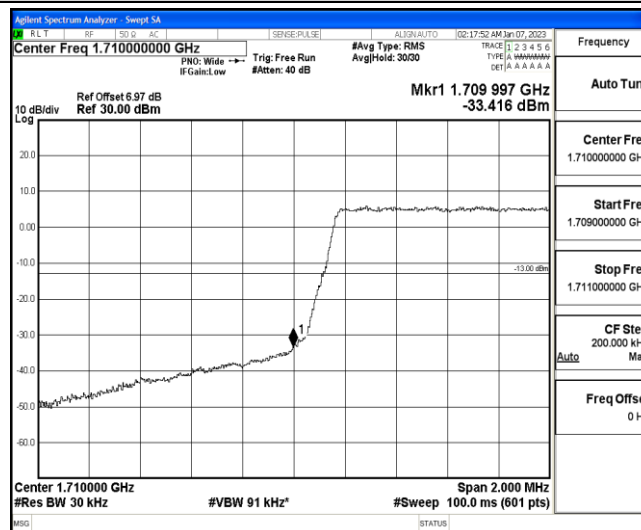
Scan code to check authenticity



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



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



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

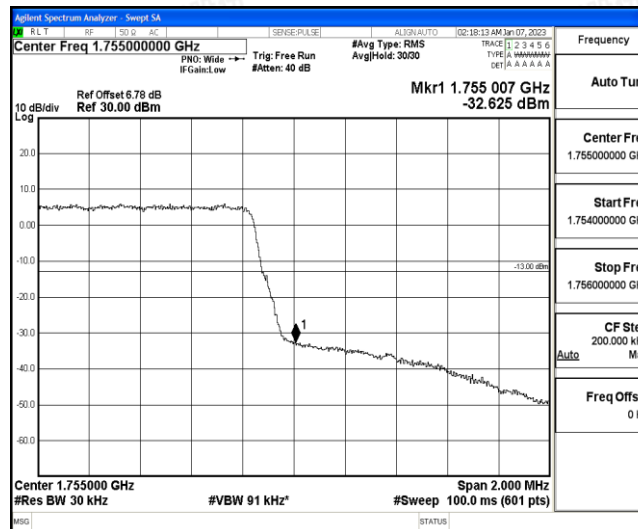


Shenzhen LCS Compliance Testing Laboratory Ltd.

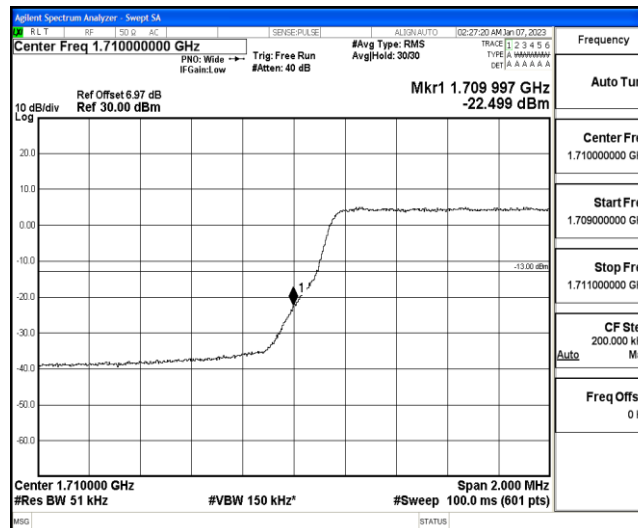
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

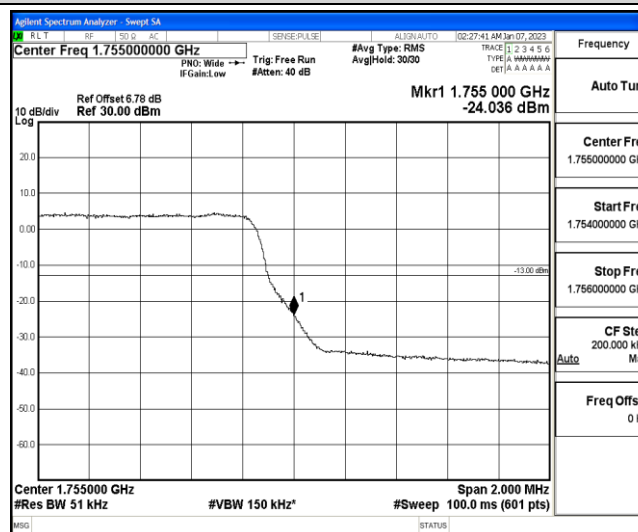
Scan code to check authenticity



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



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



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

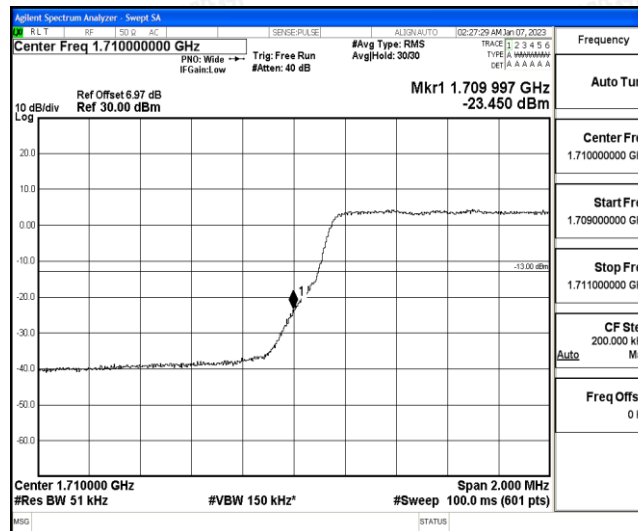


Shenzhen LCS Compliance Testing Laboratory Ltd.

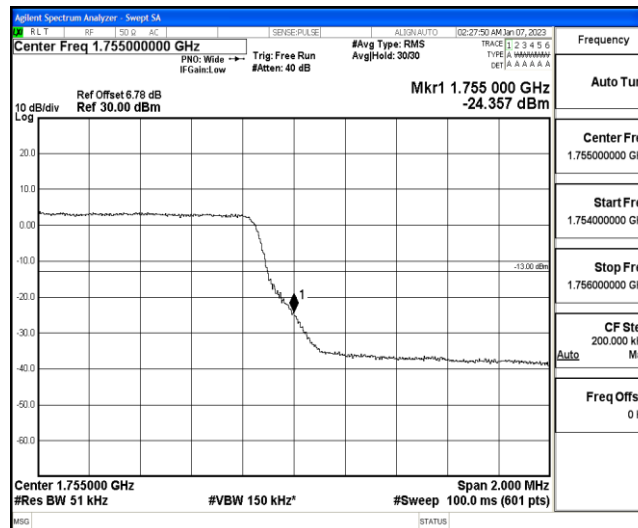
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

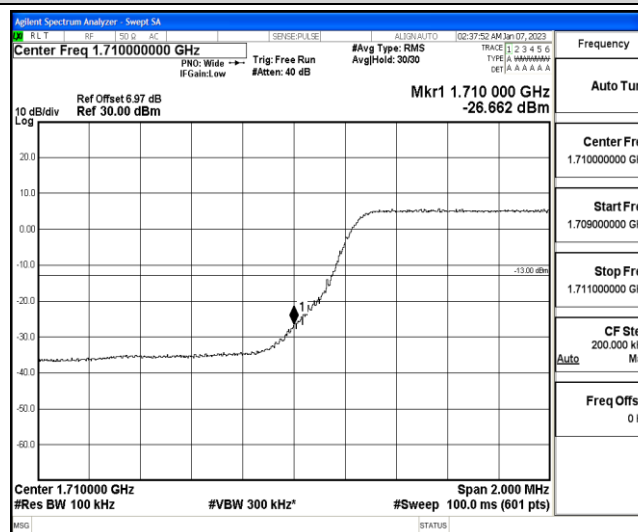
Scan code to check authenticity



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



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



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