



Appendix E: Test Data for E-UTRA Band 4

Product Name: Smartphone

Test Model: J24

Environmental Conditions

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





E.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.27	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.18	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.32	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.32	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.15	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.36	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.15	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.40	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.11	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.36	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.14	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.42	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.34	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.35	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.17	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.42	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.27	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.31	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.09	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.40	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.42	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.21	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.41	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	20.16	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.93	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.04	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.14	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.86	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.22	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.94	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	1.4MHz	QPSK	20393	3RB#1	22.21	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.95	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.25	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.88	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.19	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.14	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.26	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.25	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.33	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.28	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.33	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.29	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.29	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.28	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.29	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.27	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.36	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.33	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.25	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.28	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.36	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.22	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.37	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.13	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.34	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.15	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.30	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.24	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.28	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.25	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.26	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.19	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.26	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.16	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.11	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.93	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.14	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.91	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.15	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.96	PASS





Band4	3MHz	QPSK	20385	8RB#0	21.15	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.08	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.17	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.13	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.16	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.13	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.13	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.02	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.29	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.18	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.45	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.35	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.38	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.27	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.19	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.20	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.26	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.17	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.40	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.33	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.31	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.30	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.30	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.34	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.32	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.36	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.22	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.26	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.30	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.33	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.29	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.33	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.25	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.25	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.29	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.24	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.08	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.02	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.23	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.06	PASS





Band4	5MHz	QPSK	20375	1RB#24	22.14	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.95	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.07	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.04	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.10	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.06	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.11	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.10	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.08	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.14	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.29	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.25	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.51	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.46	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.36	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.36	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.19	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.17	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.19	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.14	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.46	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.40	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.31	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.32	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.44	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.24	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.47	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.27	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.22	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.06	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.37	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.35	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.39	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.37	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.17	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.21	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.28	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.31	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.10	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.88	PASS





Band4	10MHz	QPSK	20350	1RB#24	22.22	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.93	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.12	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.87	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.14	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.18	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.14	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.19	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.07	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.16	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.11	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.14	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.24	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.22	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.44	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.40	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.34	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.25	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.40	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.40	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.41	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.38	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.40	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.41	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.39	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.28	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.42	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.33	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.42	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.19	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.35	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.35	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.36	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.35	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.38	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.33	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.35	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.31	PASS





Band4	15MHz	QPSK	20325	1RB#0	22.16	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.92	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.24	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.97	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.05	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.82	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.21	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.21	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.20	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.20	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.19	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.20	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.19	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.20	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.17	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.69	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.52	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.14	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.20	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.17	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.20	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.14	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.33	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.29	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.28	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.26	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.22	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.36	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.47	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.56	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.94	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.05	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.39	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.43	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.41	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.47	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.16	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.16	PASS





Band4	20MHz	QPSK	20175	100RB#0	21.30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.26	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.99	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.84	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.26	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.02	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.87	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.67	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.28	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.31	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.27	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.32	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.17	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.19	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.21	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.23	PASS





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	1RB#0	4.41	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.49	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.09	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.93	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.00	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.01	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.37	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.18	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.54	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.54	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.11	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.95	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.41	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.32	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.17	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.99	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.01	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.88	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.44	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.24	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.70	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.59	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.25	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.07	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.57	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.24	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.39	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.09	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.11	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.65	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.59	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.27	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.94	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.52	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.49	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.17	13	PASS



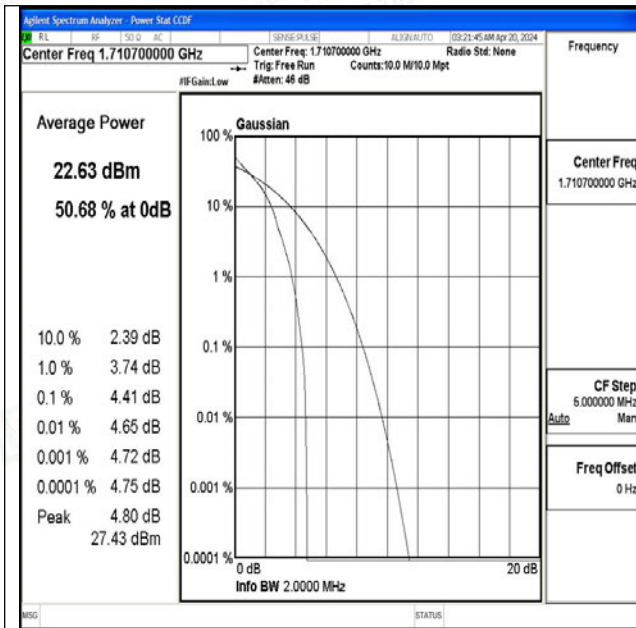


Band4	10MHz	QPSK	20000	1RB#0	4.46	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.38	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.32	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.07	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.92	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.82	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.56	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.28	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.88	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.64	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.48	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.25	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.46	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.40	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.60	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.15	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.84	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.74	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.86	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.36	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.01	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.85	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.79	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.31	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.47	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.20	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.37	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.14	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.65	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.55	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.30	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	5.19	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	6.03	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.59	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.28	13	PASS

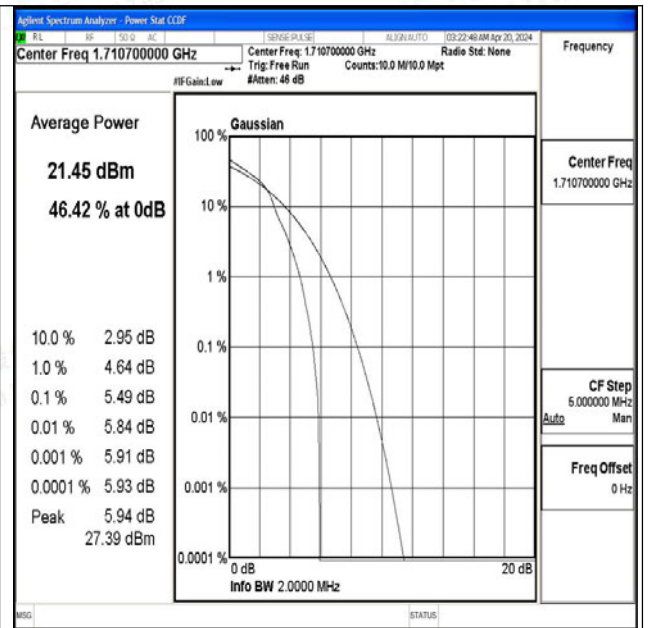




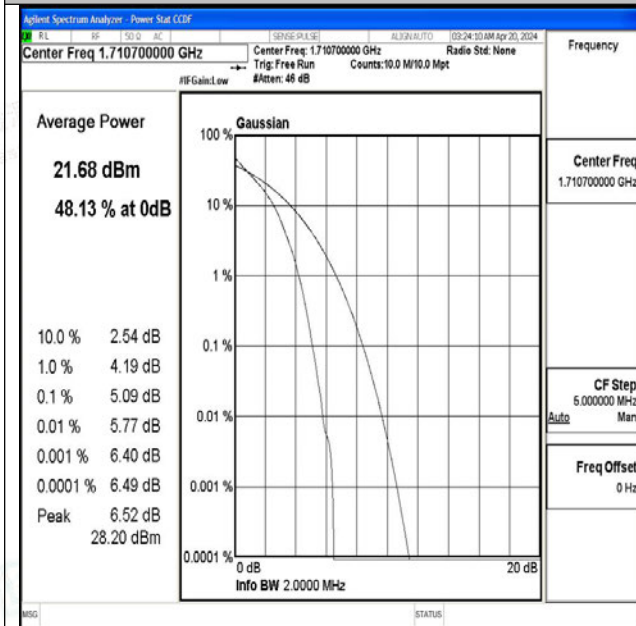
Test Graphs



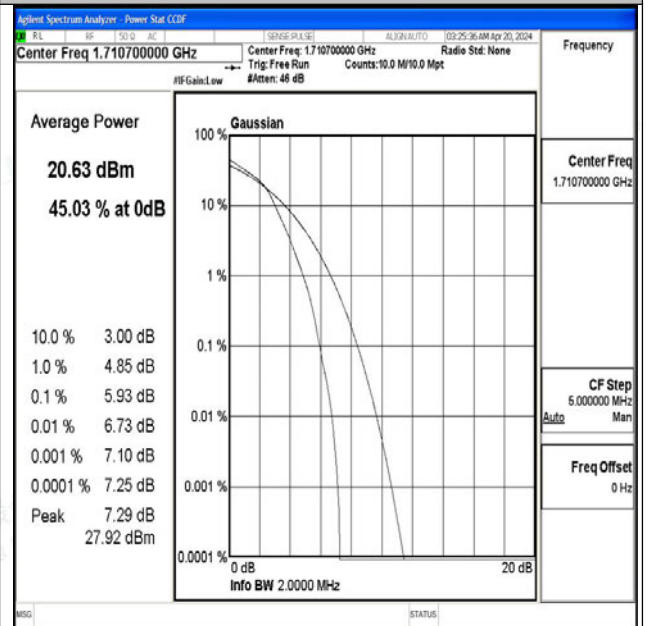
Band4-1.4MHz-QPSK-19957-1RB#0-PASS



Band4-1.4MHz-16QAM-19957-1RB#0-PASS

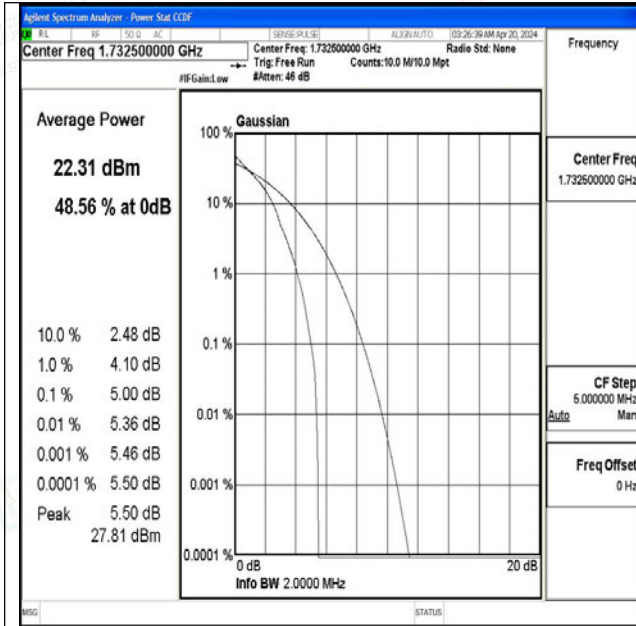


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

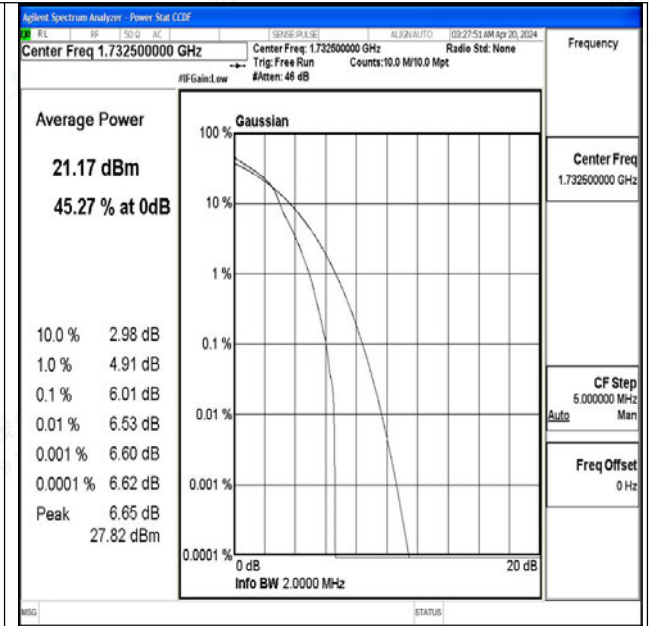


Band4-1.4MHz-16QAM-19957-6RB#0-PASS

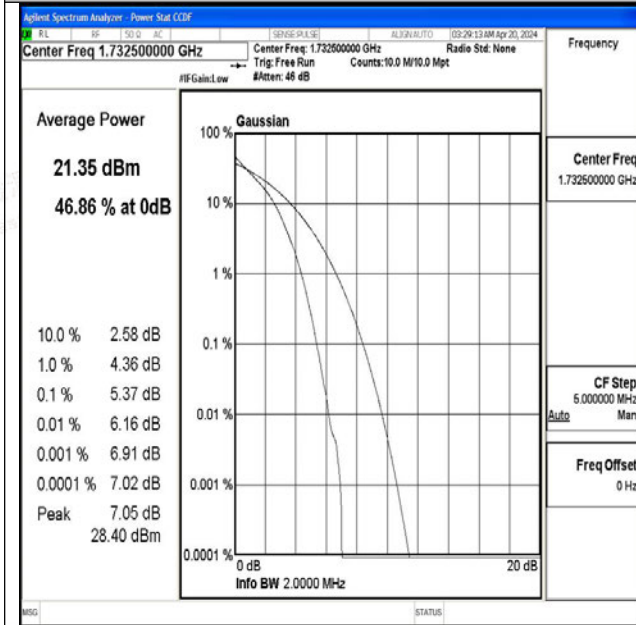




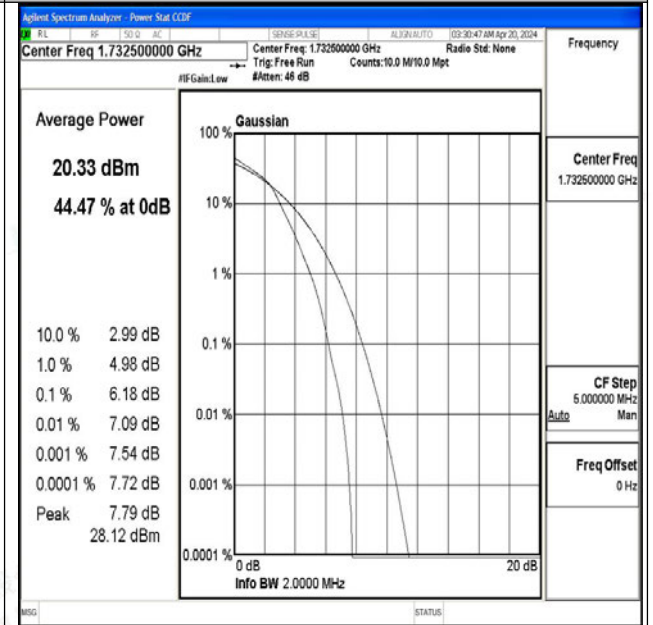
Band4-1.4MHz-QPSK-20175-1RB#0-PASS



Band4-1.4MHz-16QAM-20175-1RB#0-PASS

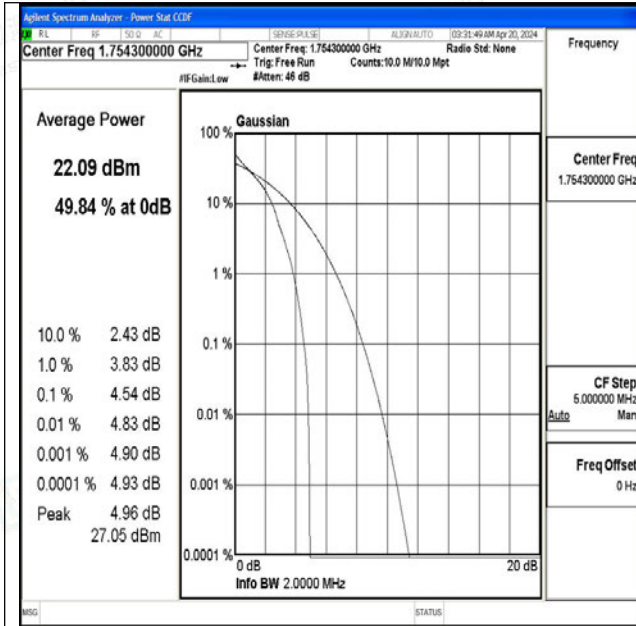


Band4-1.4MHz-QPSK-20175-6RB#0-PASS

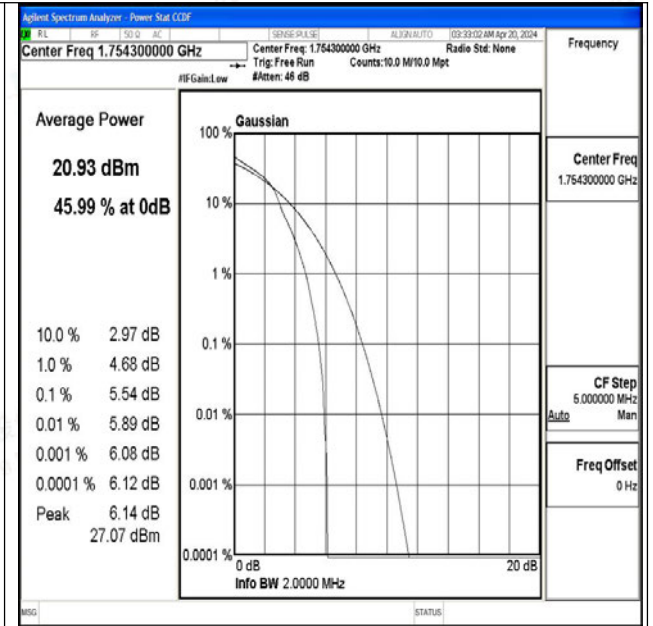


Band4-1.4MHz-16QAM-20175-6RB#0-PASS

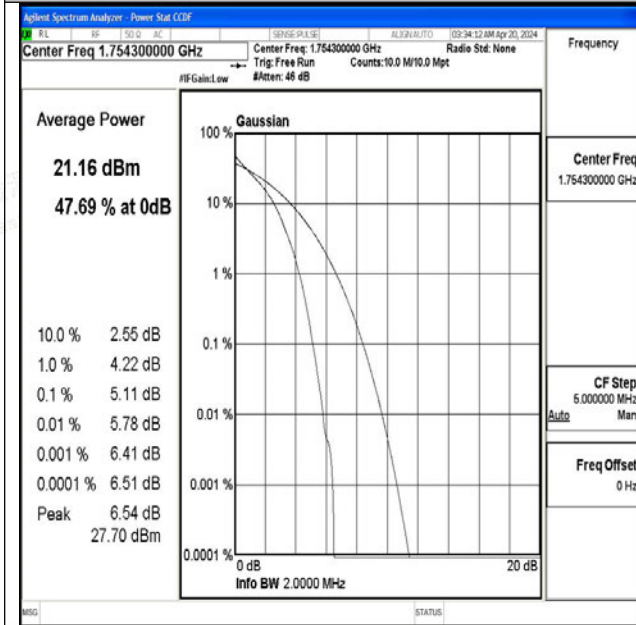




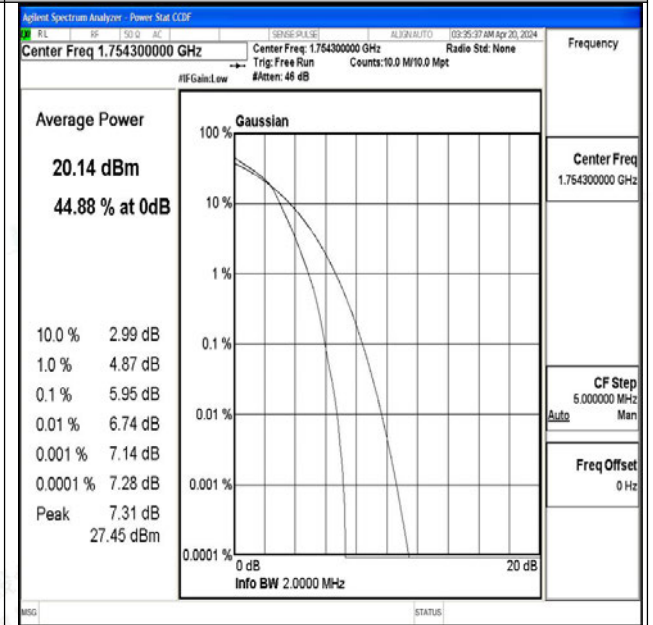
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



Band4-1.4MHz-16QAM-20393-1RB#0-PASS

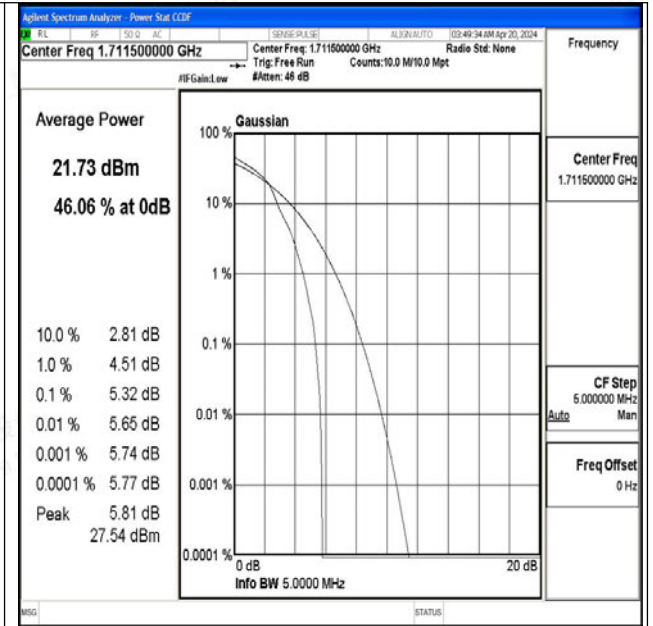
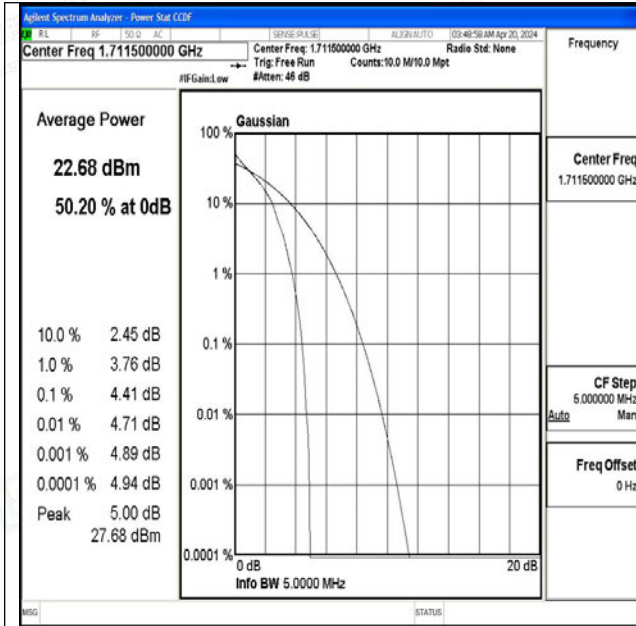


Band4-1.4MHz-QPSK-20393-6RB#0-PASS



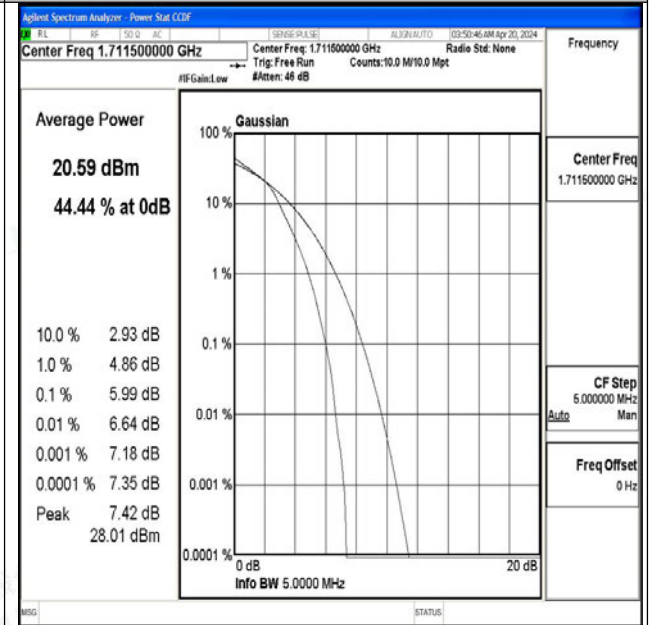
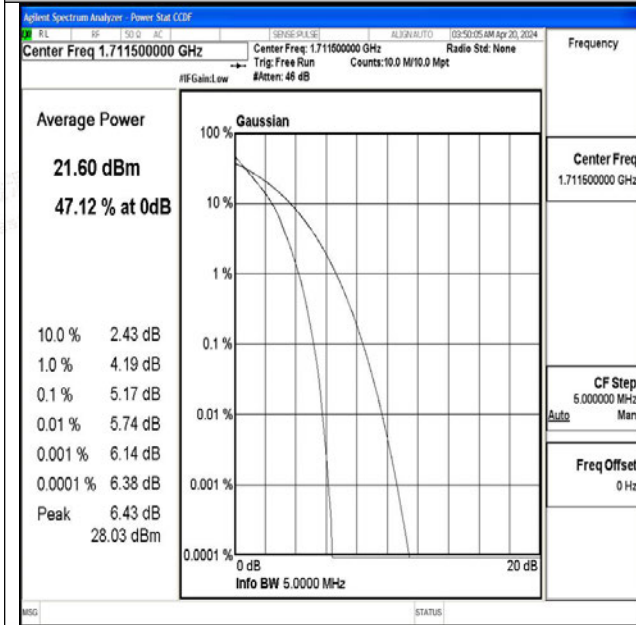
Band4-1.4MHz-16QAM-20393-6RB#0-PASS





Band4-3MHz-QPSK-19965-1RB#0-PASS

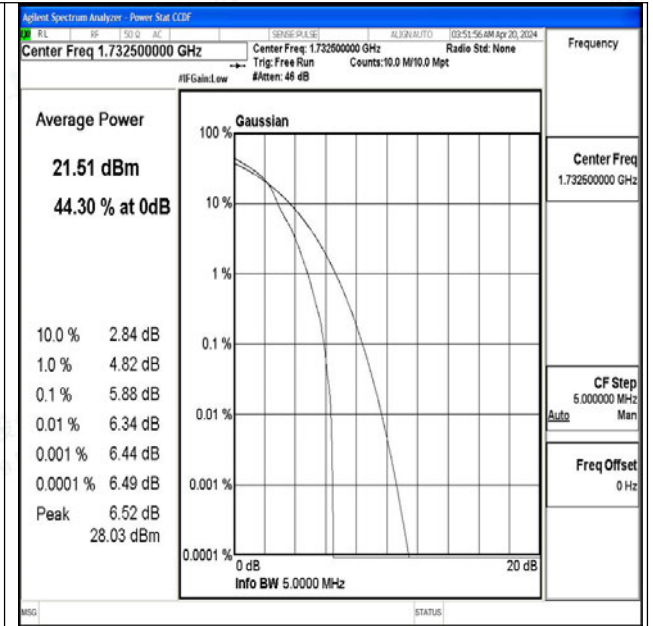
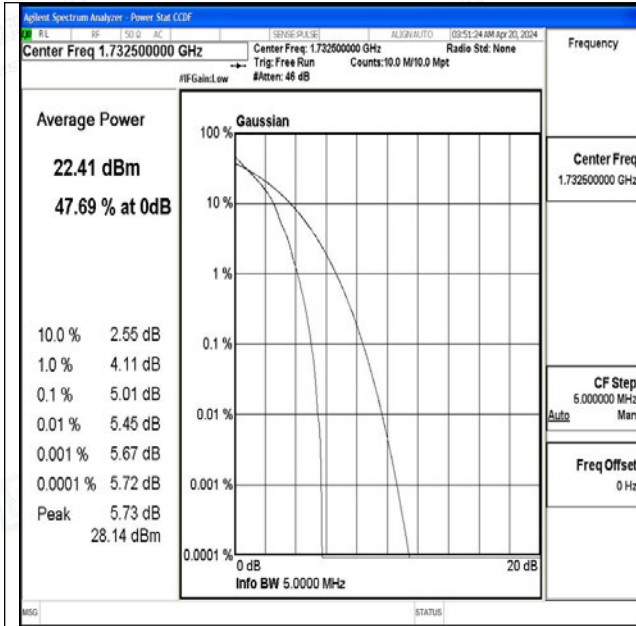
Band4-3MHz-16QAM-19965-1RB#0-PASS



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

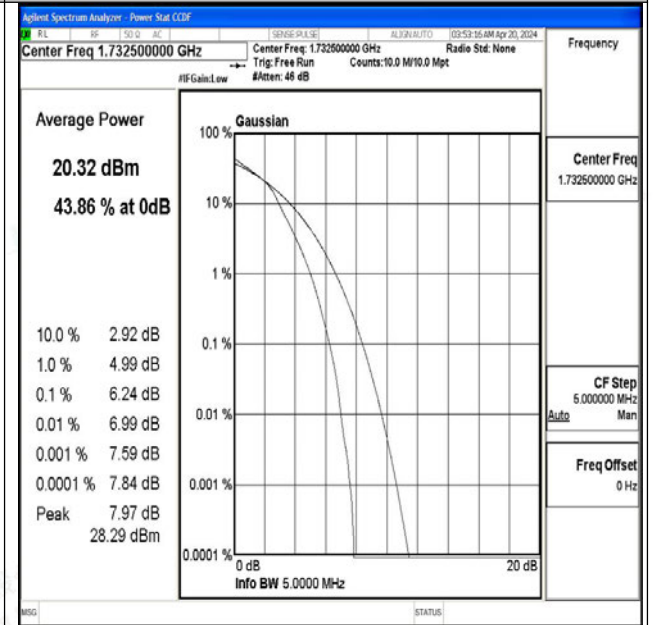
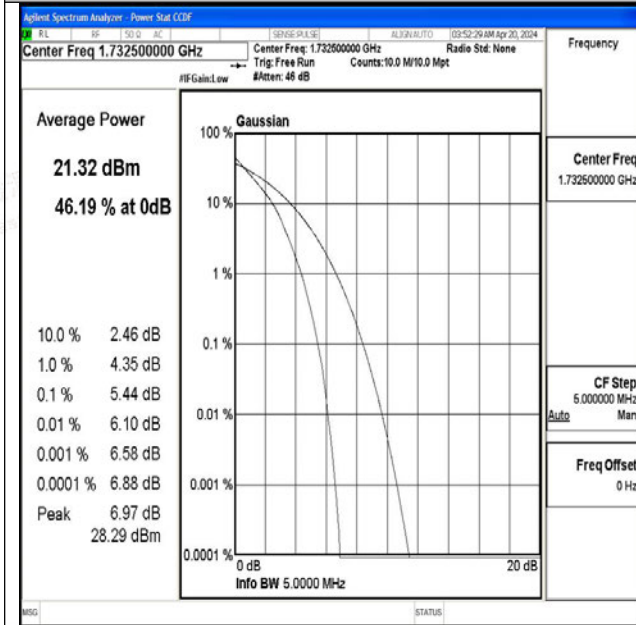
Band4-3MHz-16QAM-19965-15RB#0-PASS





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

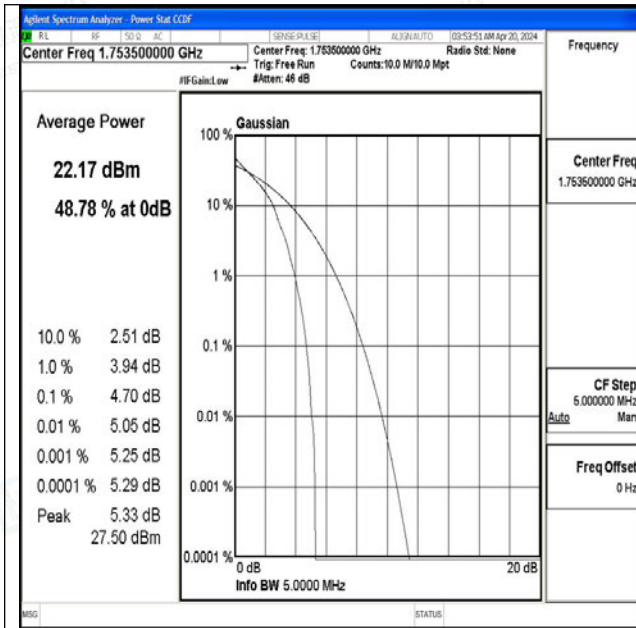
Band4-3MHz-16QAM-20175-1RB#0-PASS



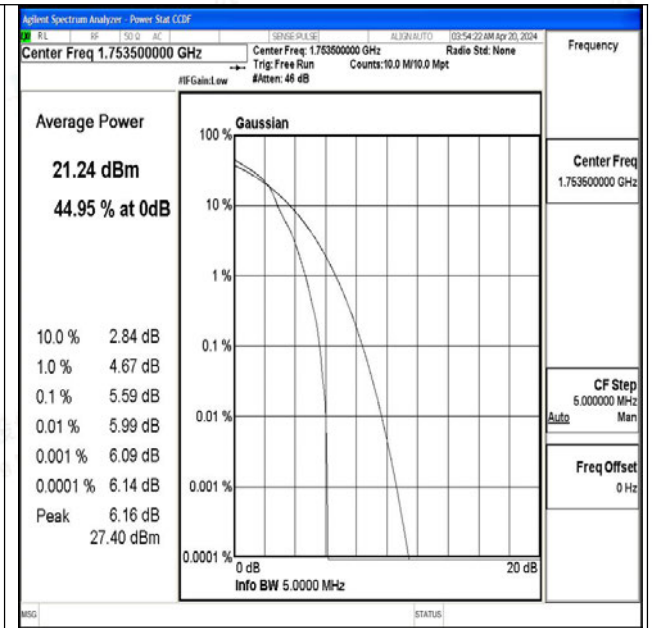
Band4-3MHz-QPSK-20175-15RB#0-PASS

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

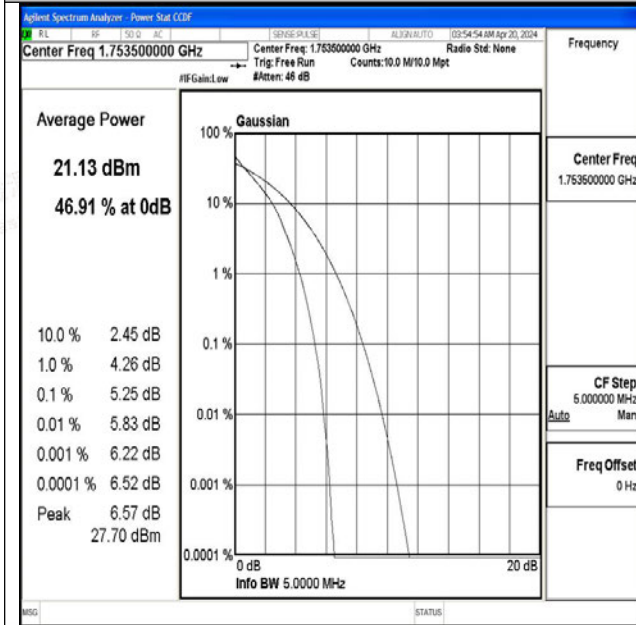




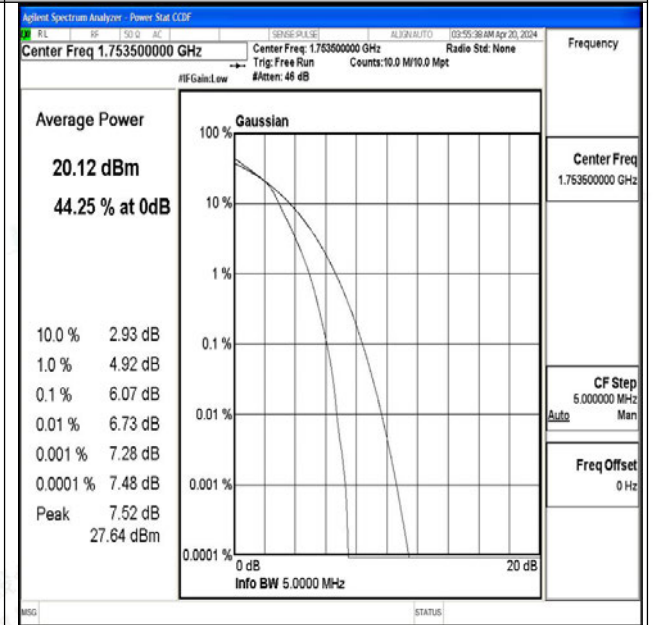
Band4-3MHz-QPSK-20385-1RB#0-PASS



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

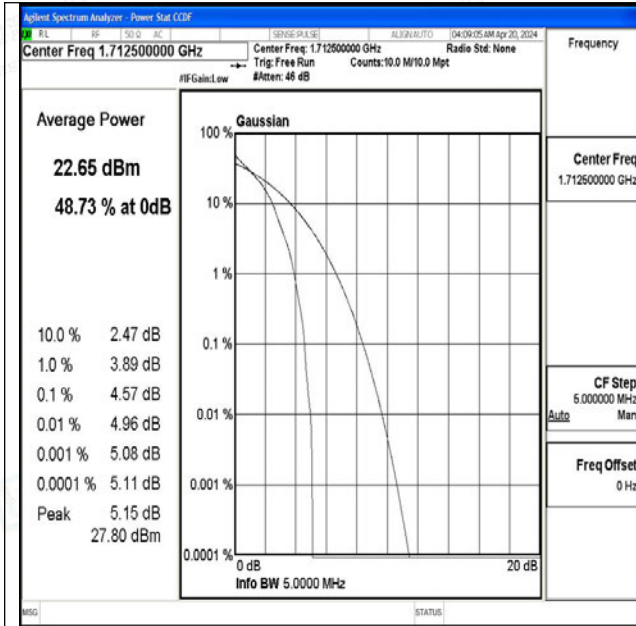


Band4-3MHz-QPSK-20385-15RB#0-PASS

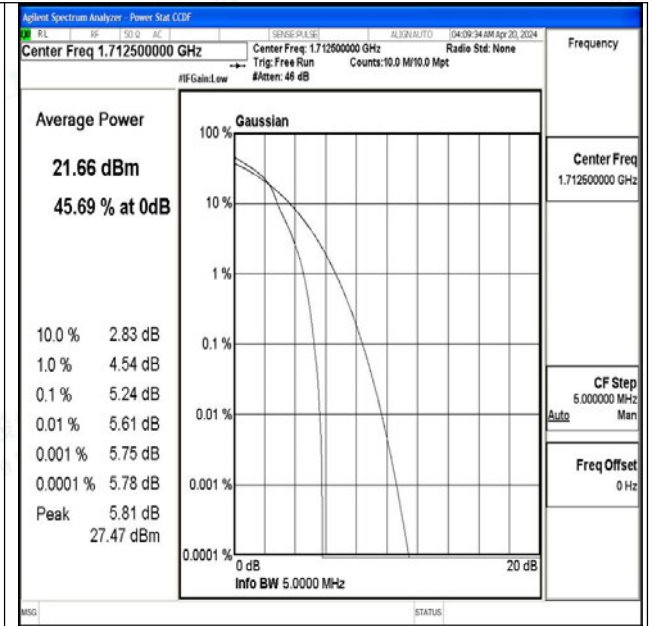


Band4-3MHz-16QAM-20385-15RB#0-PASS

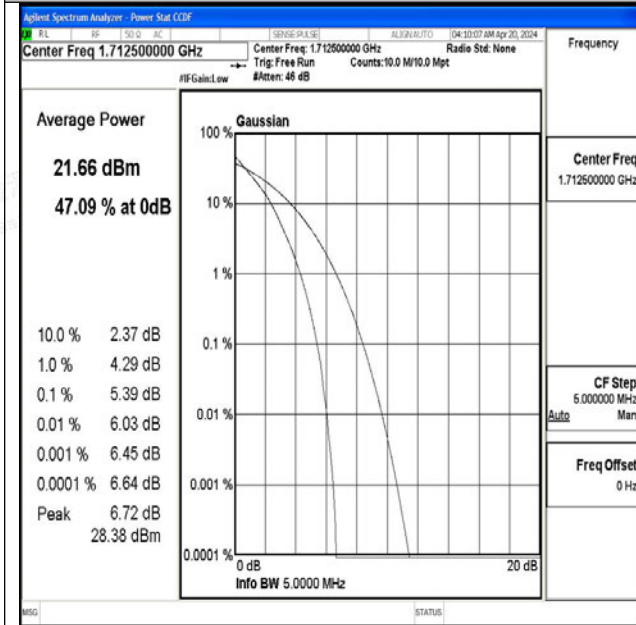




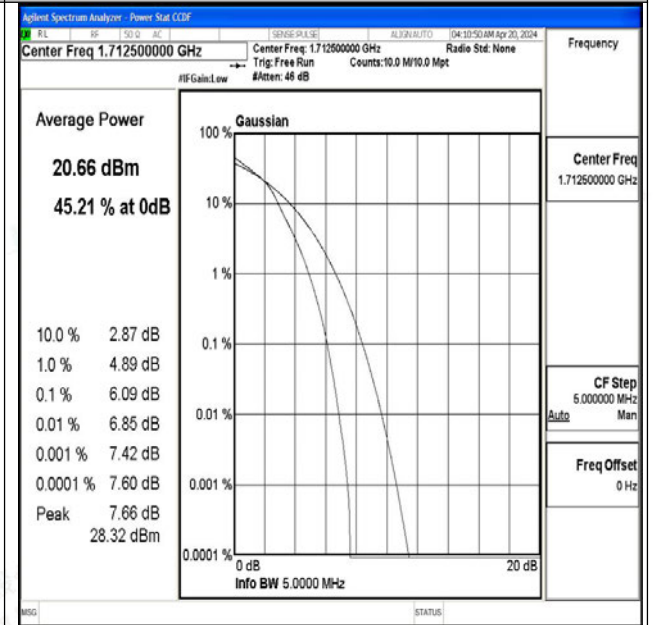
Band4-5MHz-QPSK-19975-1RB#0-PASS



Band4-5MHz-16QAM-19975-1RB#0-PASS

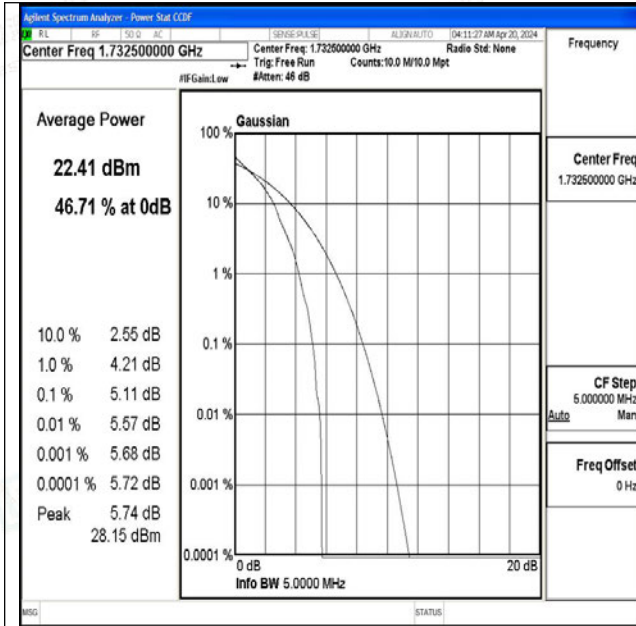


Band4-5MHz-QPSK-19975-25RB#0-PASS

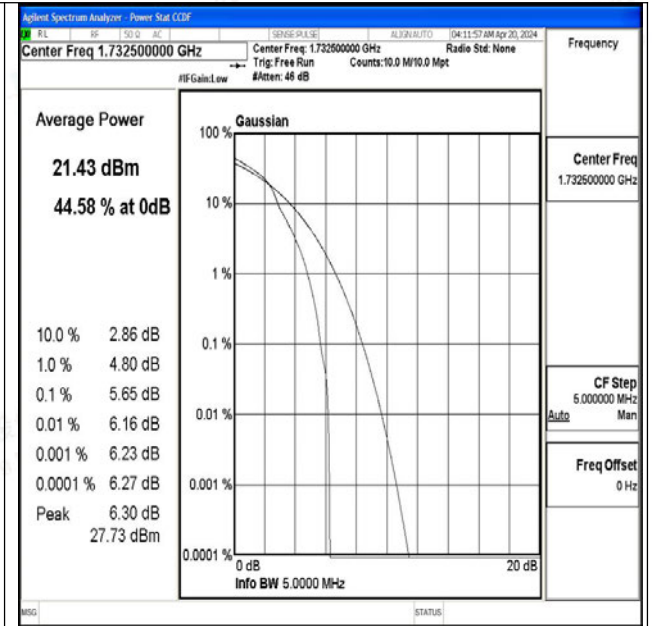


Band4-5MHz-16QAM-19975-25RB#0-PASS

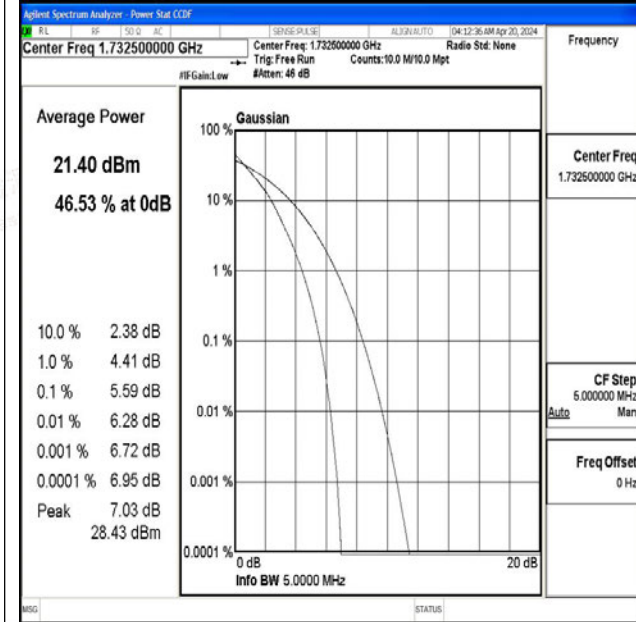




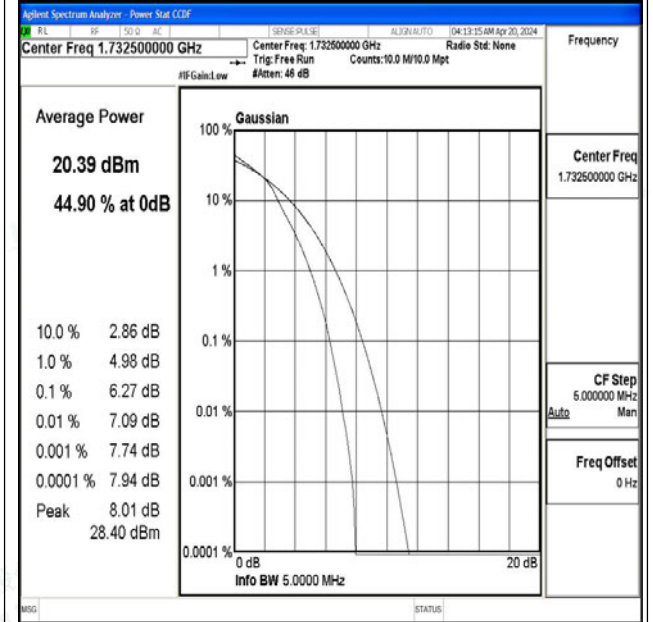
Band4-5MHz-QPSK-20175-1RB#0-PASS



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

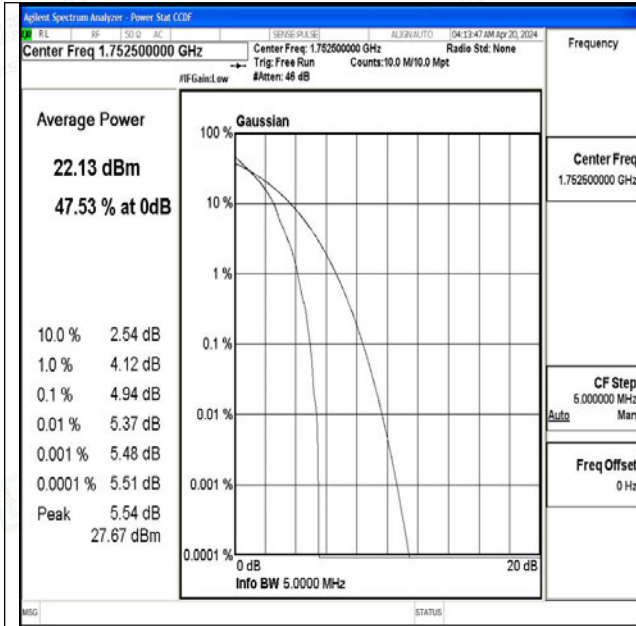


Band4-5MHz-QPSK-20175-25RB#0-PASS

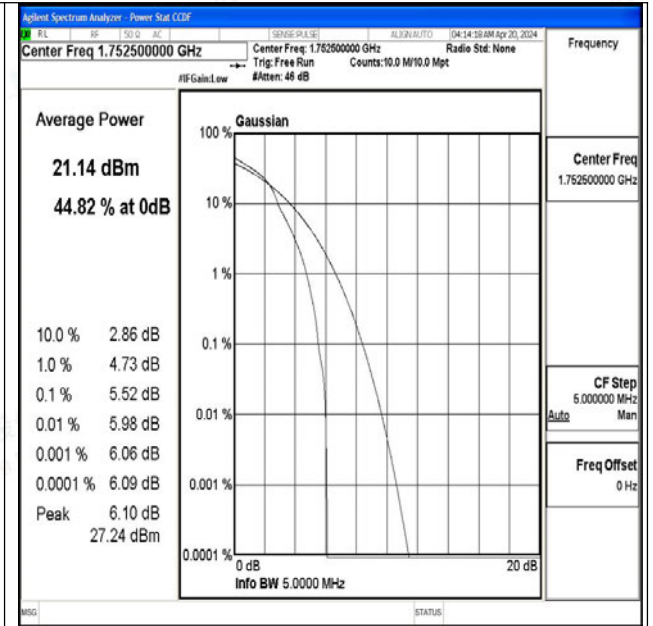


Band4-5MHz-16QAM-20175-25RB#0-PASS

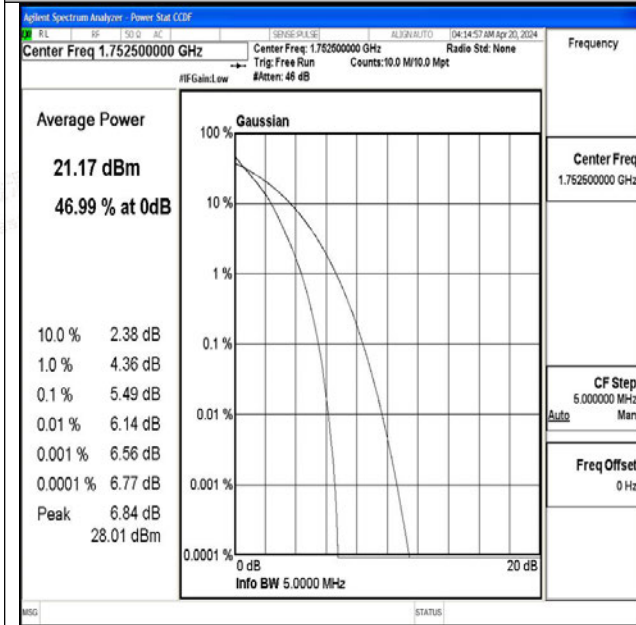




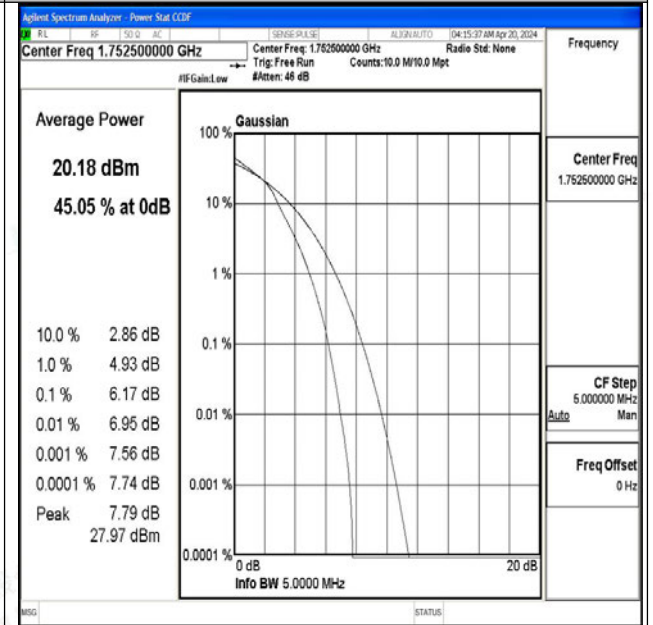
Band4-5MHz-QPSK-20375-1RB#0-PASS



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

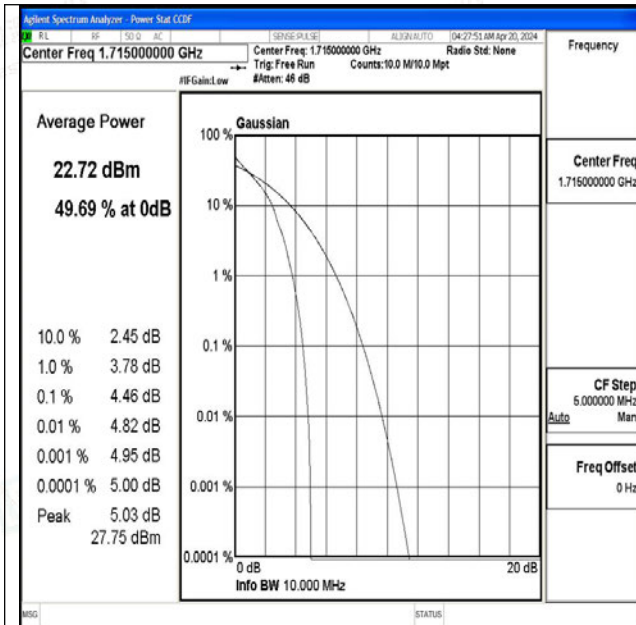


Band4-5MHz-QPSK-20375-25RB#0-PASS

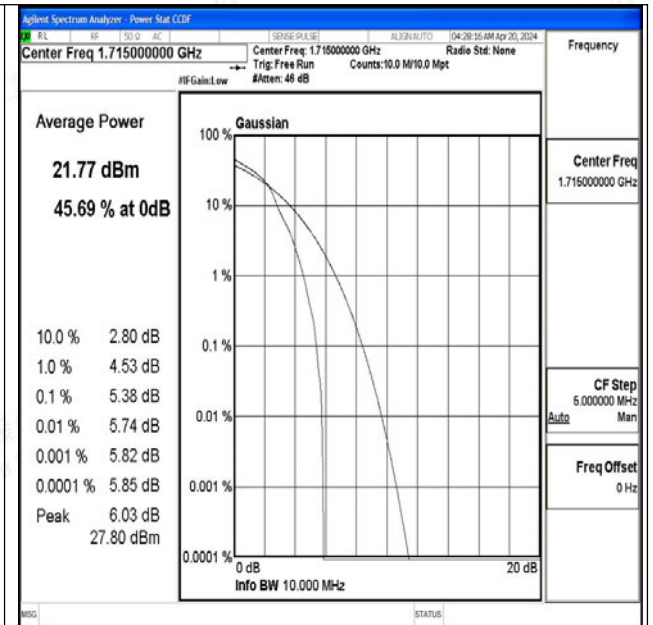


Band4-5MHz-16QAM-20375-25RB#0-PASS

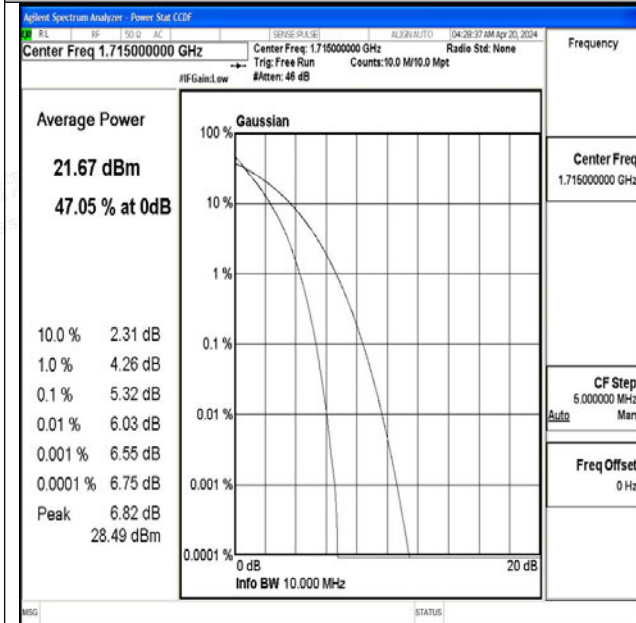




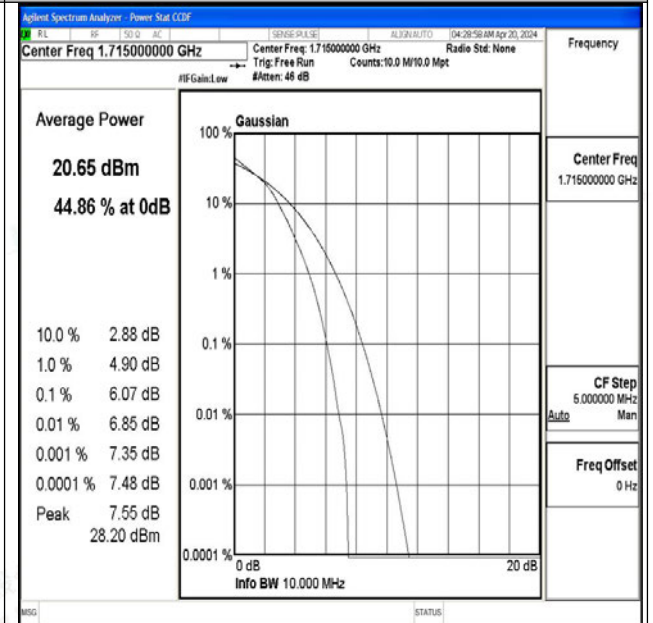
Band4-10MHz-QPSK-20000-1RB#0-PASS



Band4-10MHz-16QAM-20000-1RB#0-PASS

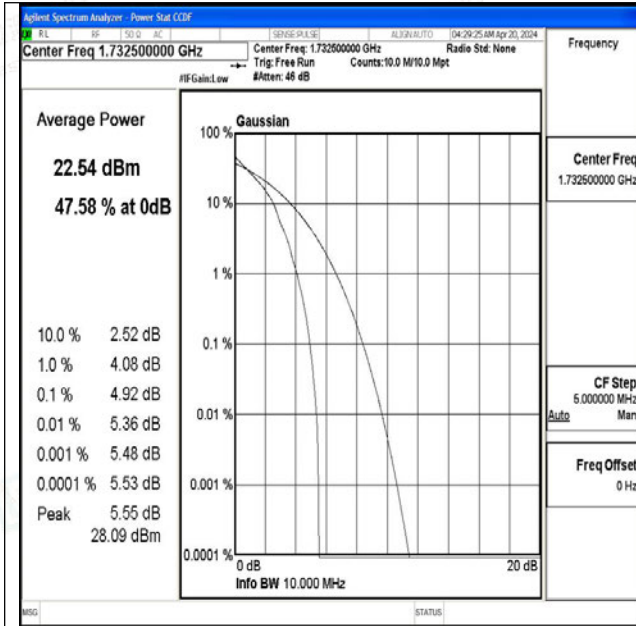


Band4-10MHz-QPSK-20000-50RB#0-PASS

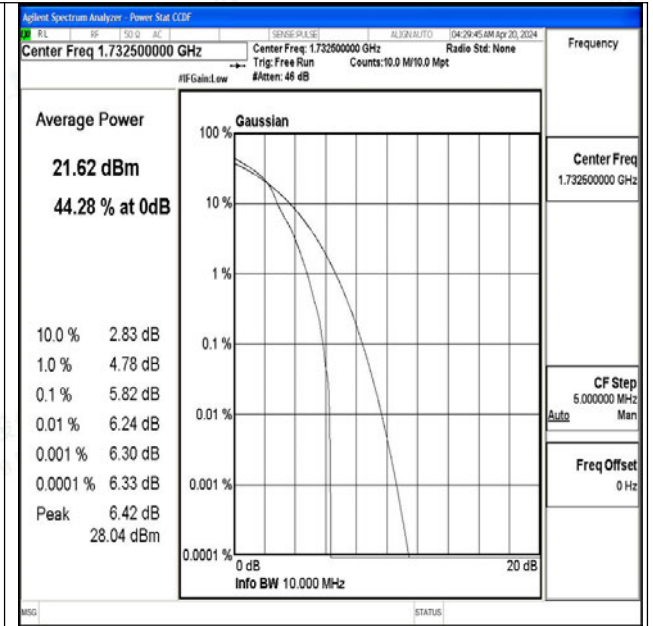


Band4-10MHz-16QAM-20000-50RB#0-PASS

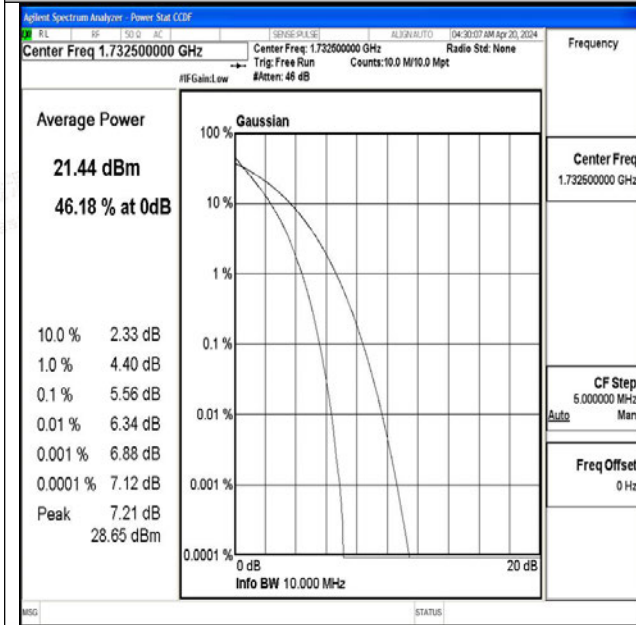




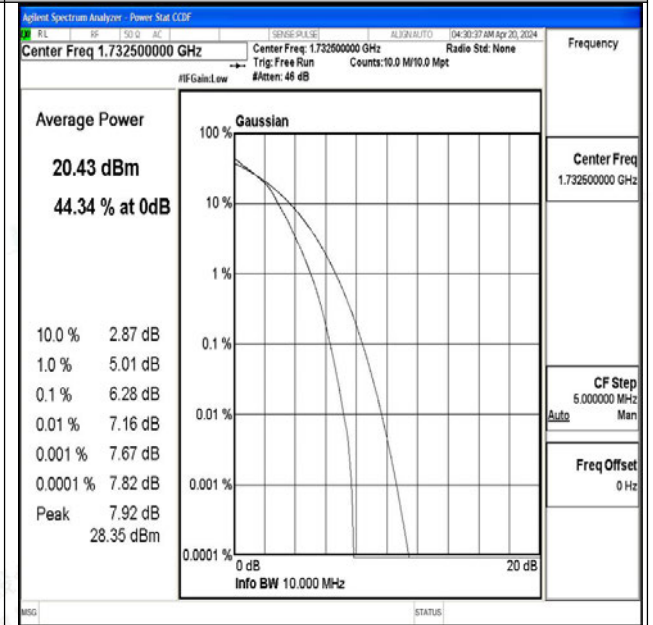
Band4-10MHz-QPSK-20175-1RB#0-PASS



Band4-10MHz-16QAM-20175-1RB#0-PASS

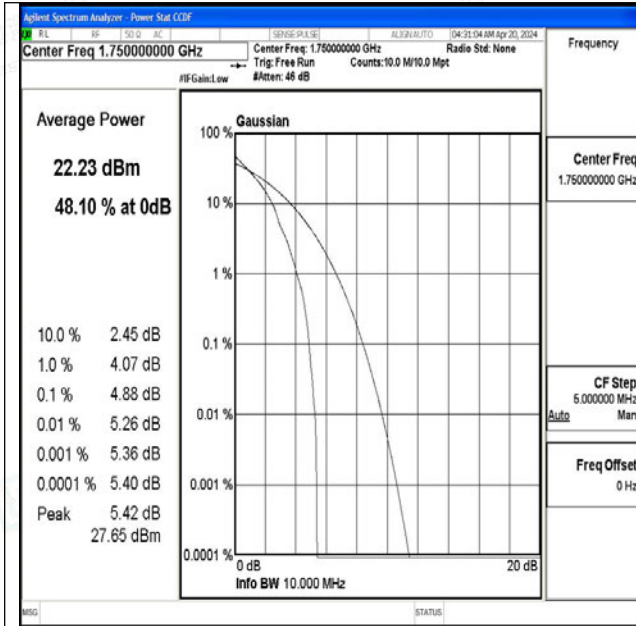


Band4-10MHz-QPSK-20175-50RB#0-PASS

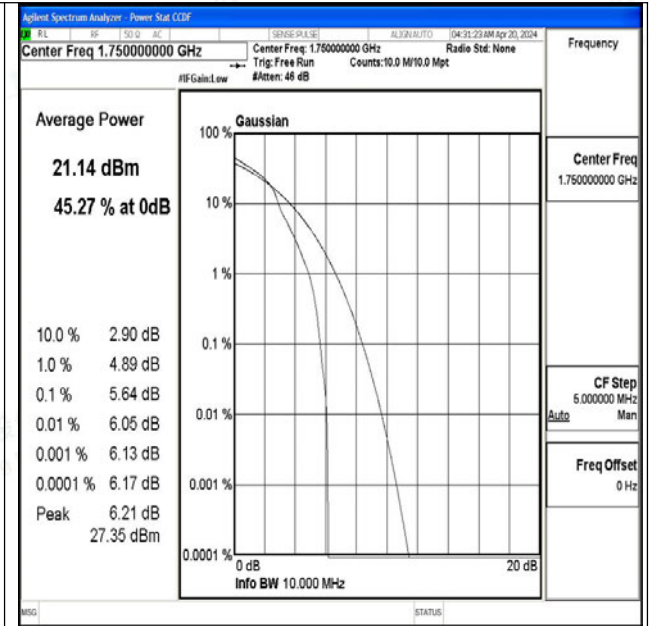


Band4-10MHz-16QAM-20175-50RB#0-PASS

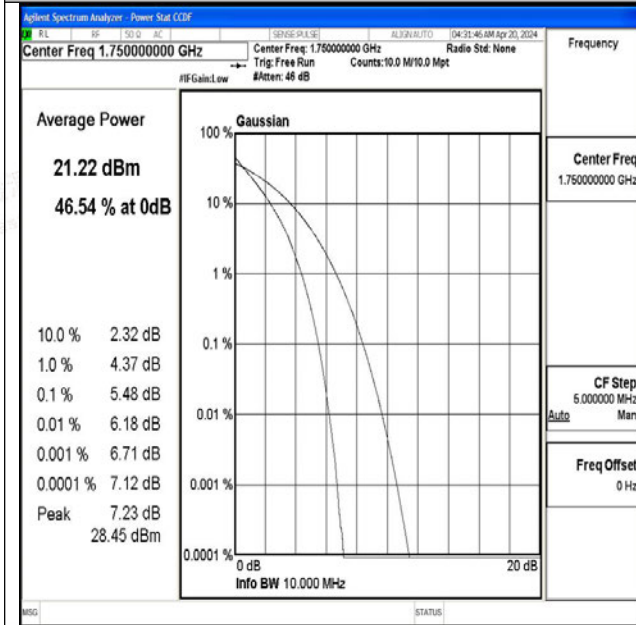




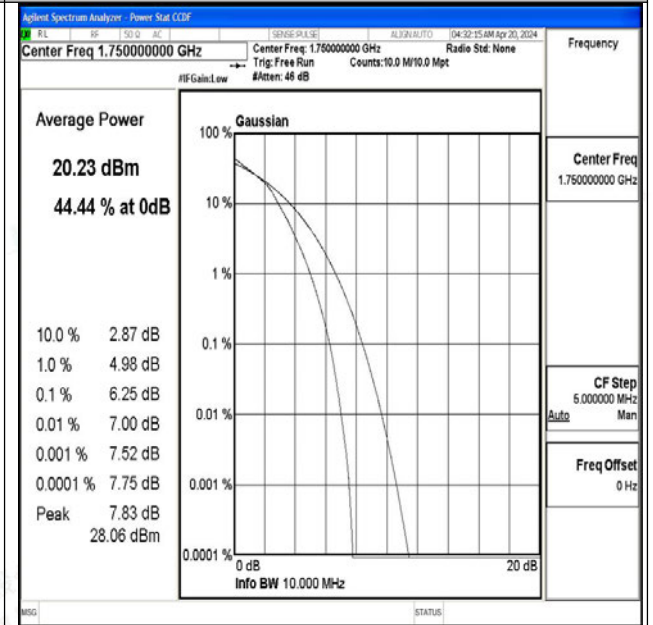
Band4-10MHz-QPSK-20350-1RB#0-PASS



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

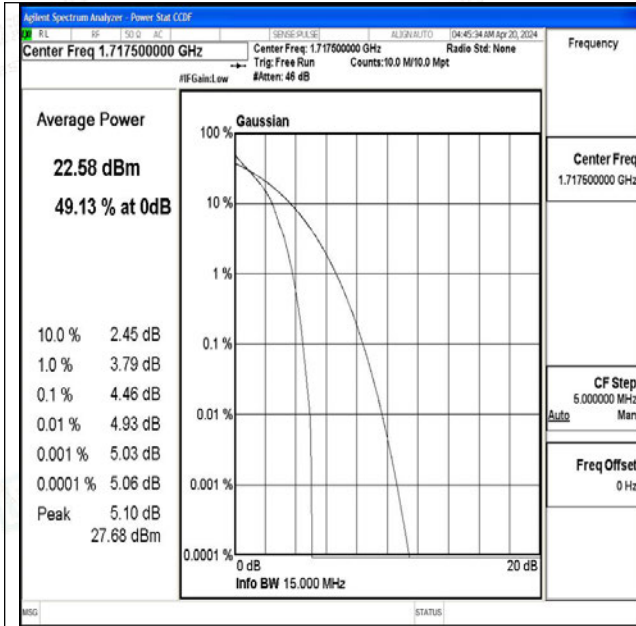


Band4-10MHz-QPSK-20350-50RB#0-PASS

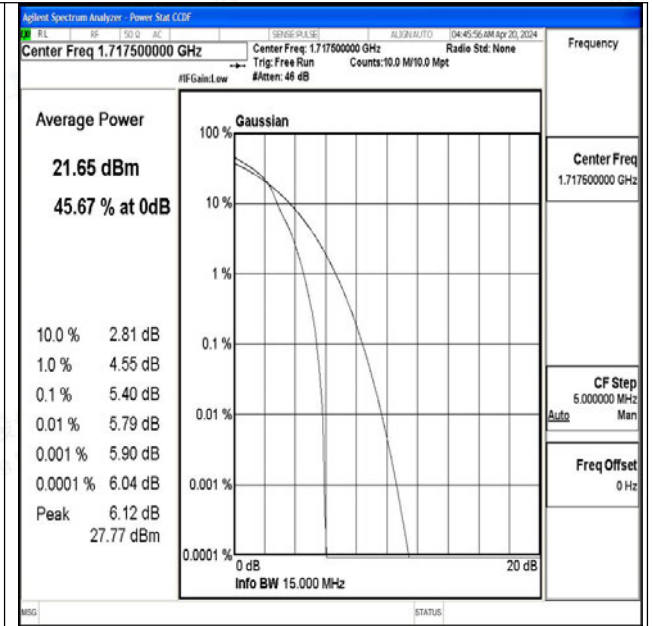


Band4-10MHz-16QAM-20350-50RB#0-PASS

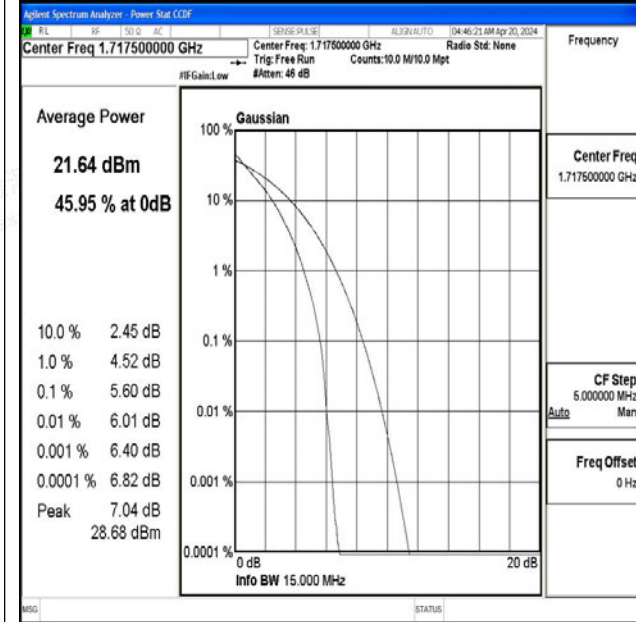




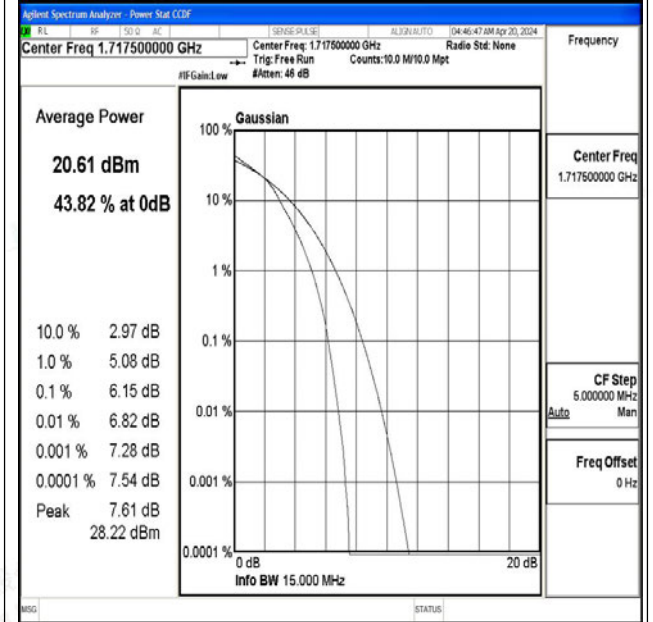
Band4-15MHz-QPSK-20025-1RB#0-PASS



Band4-15MHz-16QAM-20025-1RB#0-PASS

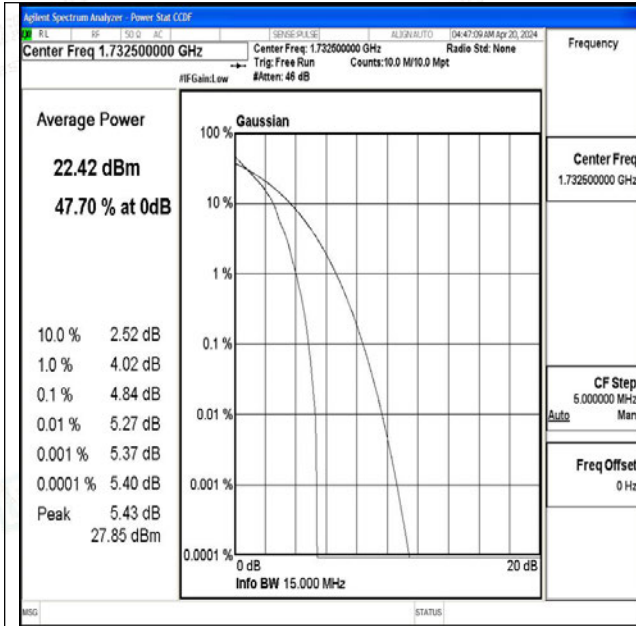


Band4-15MHz-QPSK-20025-75RB#0-PASS

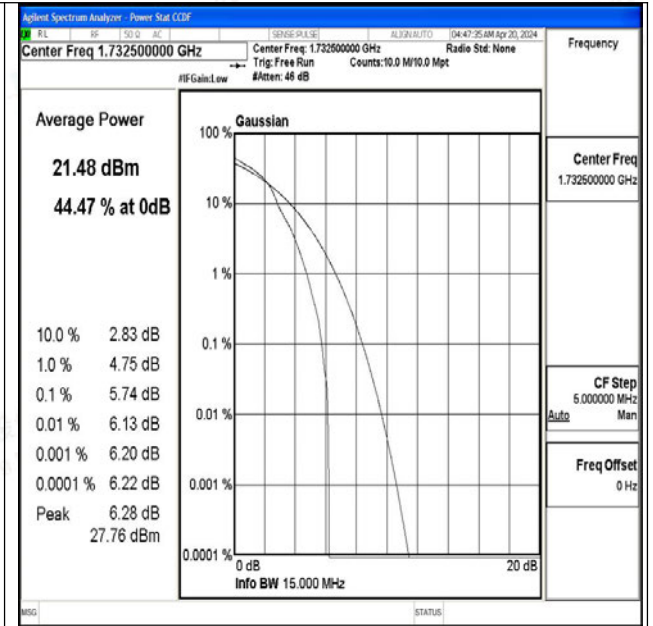


Band4-15MHz-16QAM-20025-75RB#0-PASS

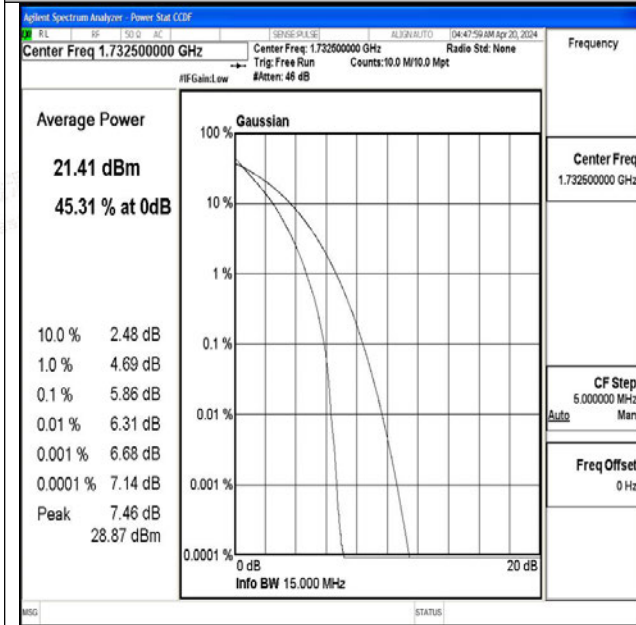




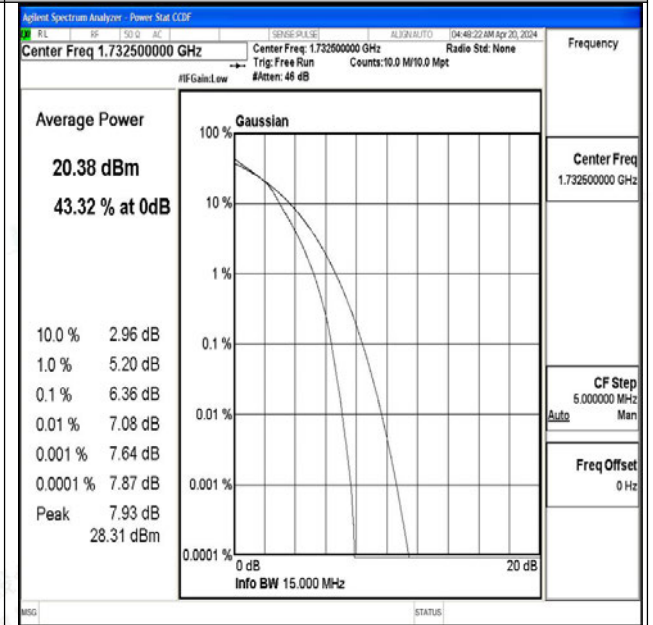
Band4-15MHz-QPSK-20175-1RB#0-PASS



Band4-15MHz-16QAM-20175-1RB#0-PASS

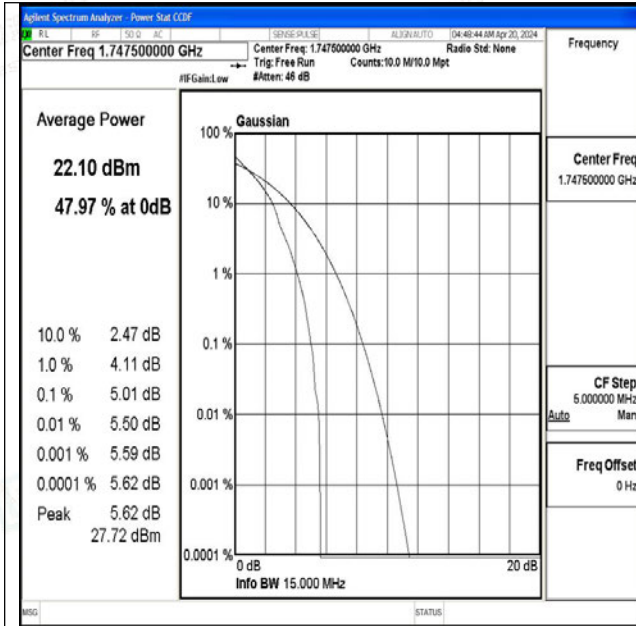


Band4-15MHz-QPSK-20175-75RB#0-PASS

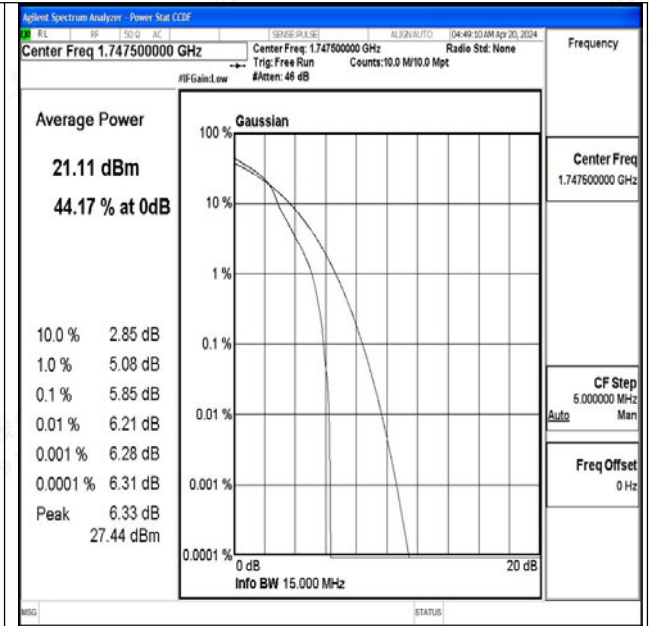


Band4-15MHz-16QAM-20175-75RB#0-PASS

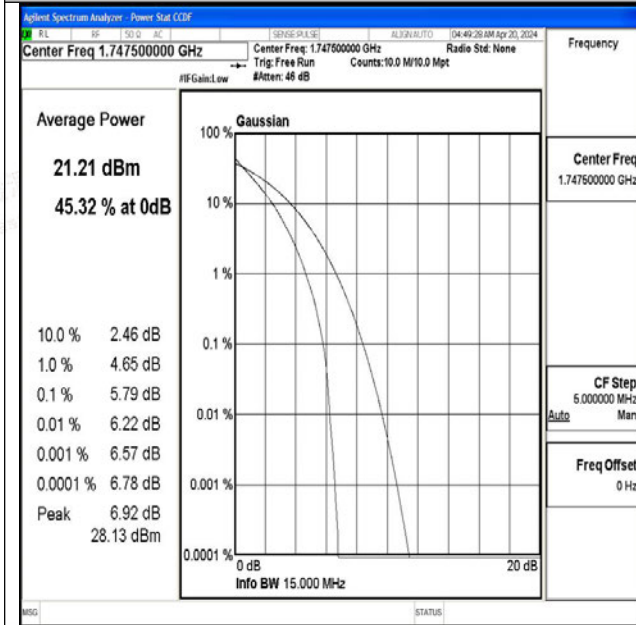




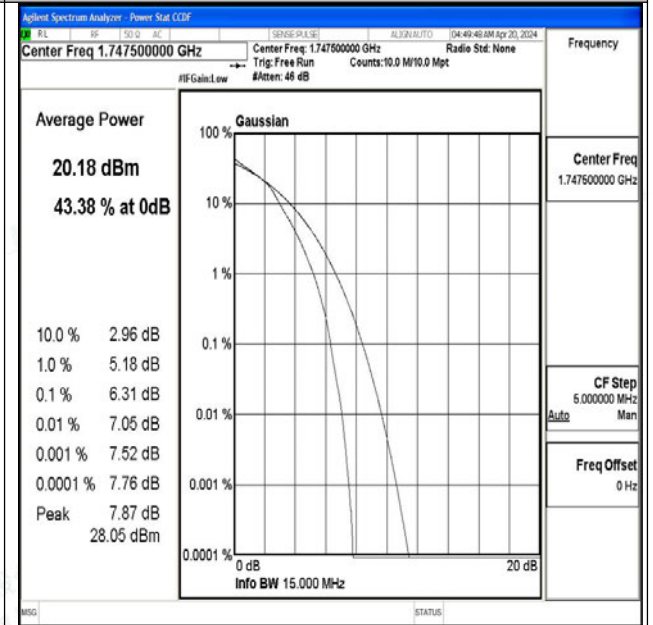
Band4-15MHz-QPSK-20325-1RB#0-PASS



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

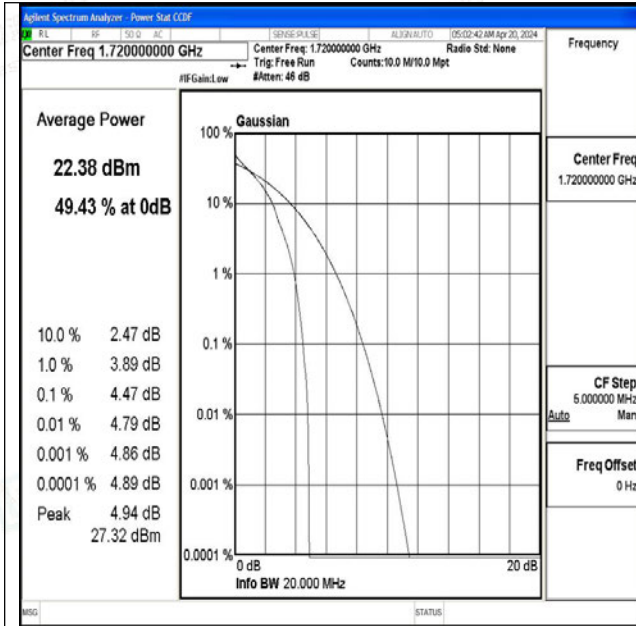


Band4-15MHz-QPSK-20325-75RB#0-PASS

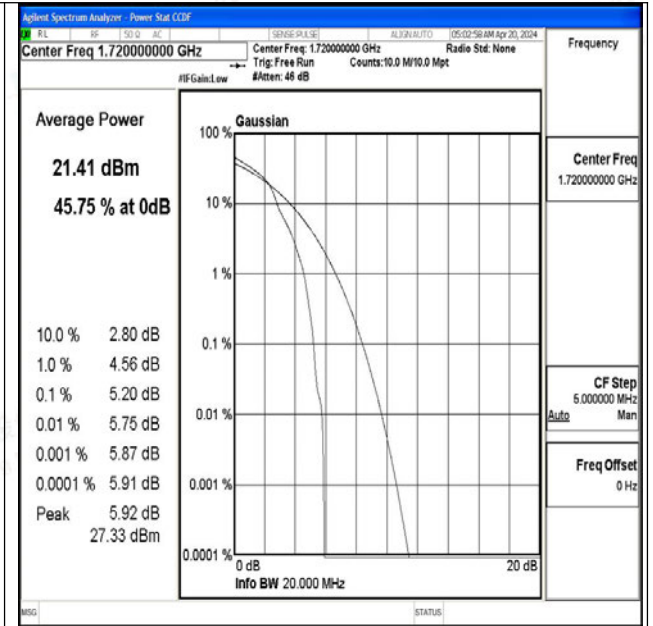


Band4-15MHz-16QAM-20325-75RB#0-PASS

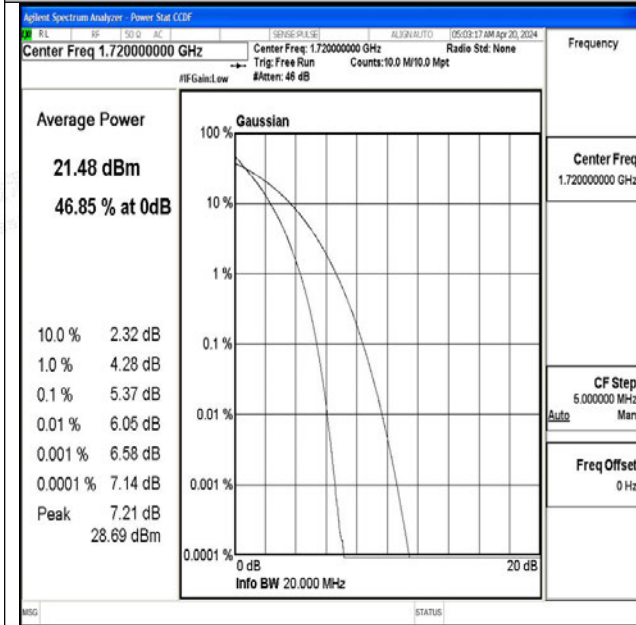




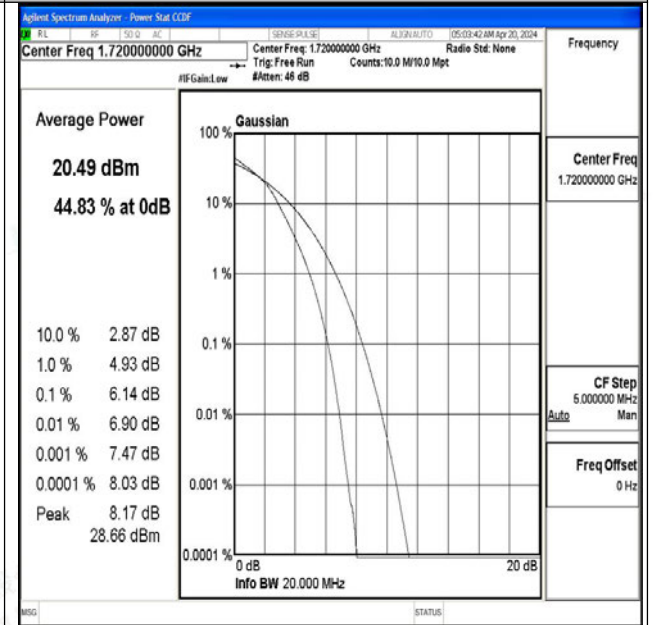
Band4-20MHz-QPSK-20050-1RB#0-PASS



Band4-20MHz-16QAM-20050-1RB#0-PASS

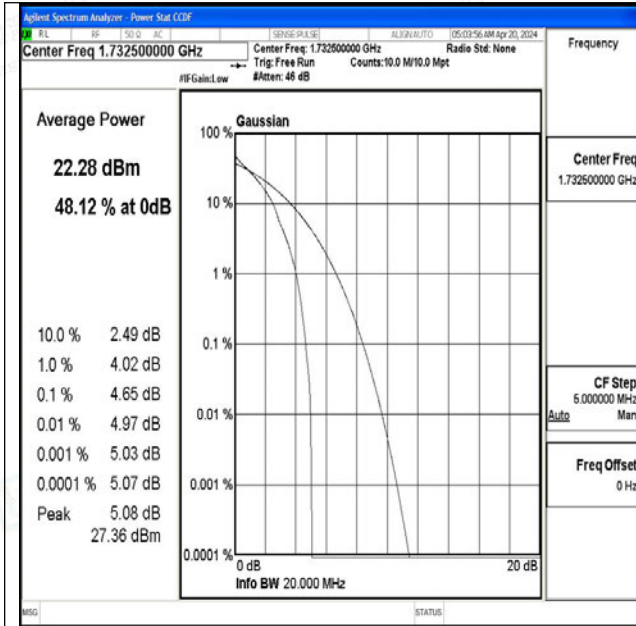


Band4-20MHz-QPSK-20050-100RB#0-PASS

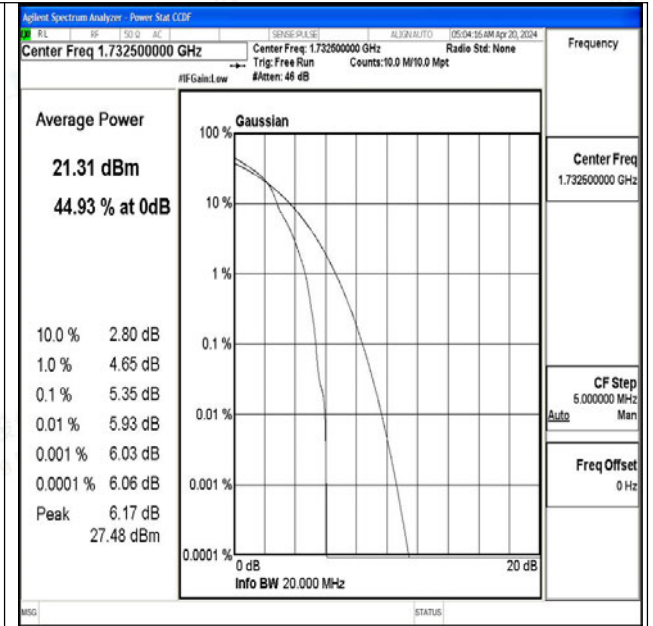


Band4-20MHz-16QAM-20050-100RB#0-PASS

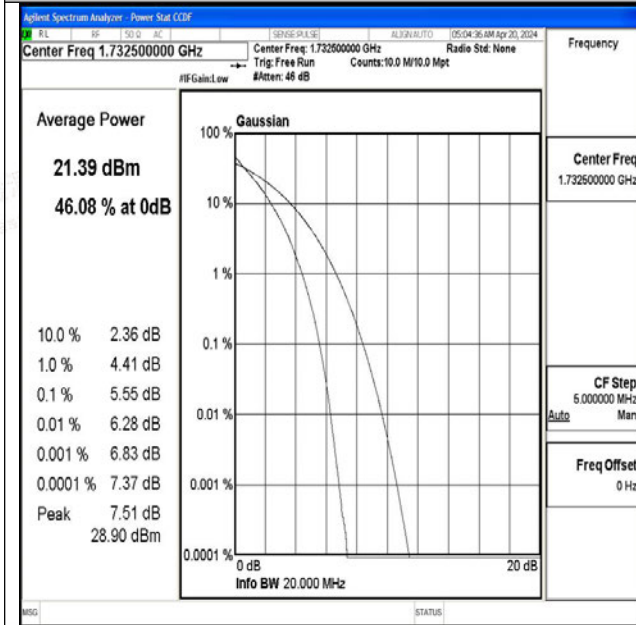




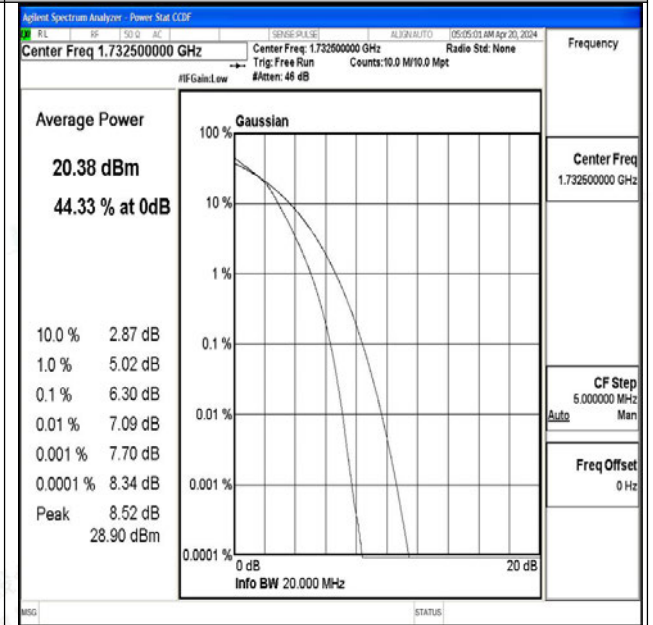
Band4-20MHz-QPSK-20175-1RB#0-PASS



Band4-20MHz-16QAM-20175-1RB#0-PASS

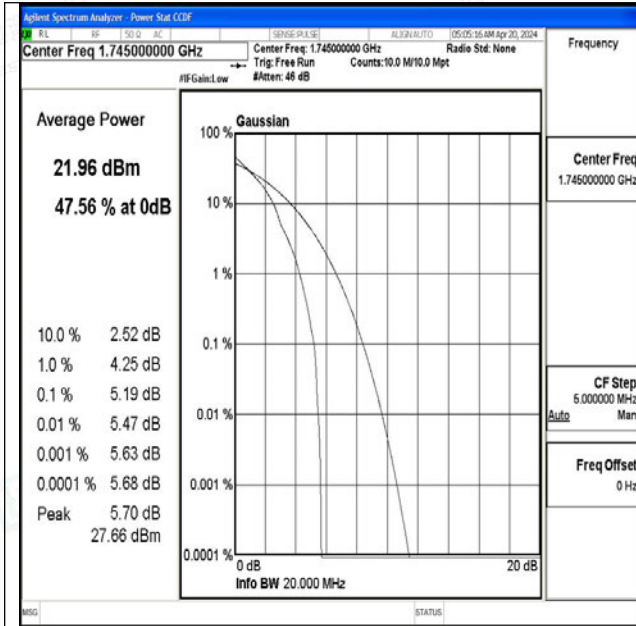


Band4-20MHz-QPSK-20175-100RB#0-PASS

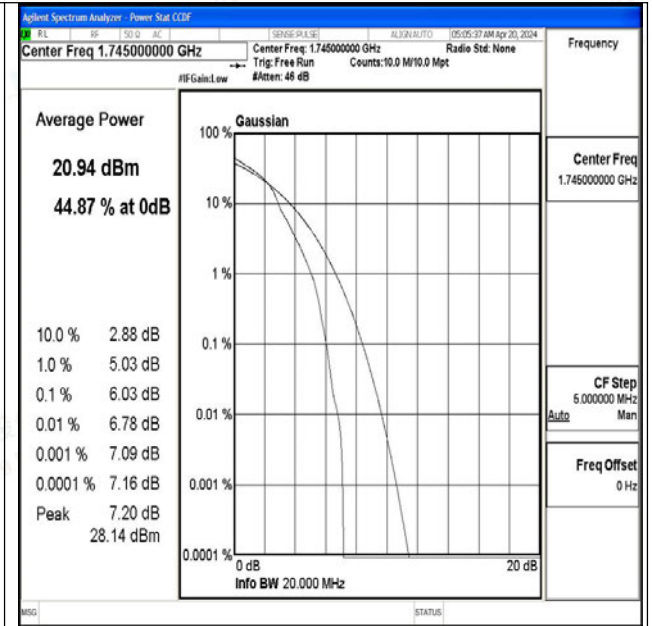


Band4-20MHz-16QAM-20175-100RB#0-PASS

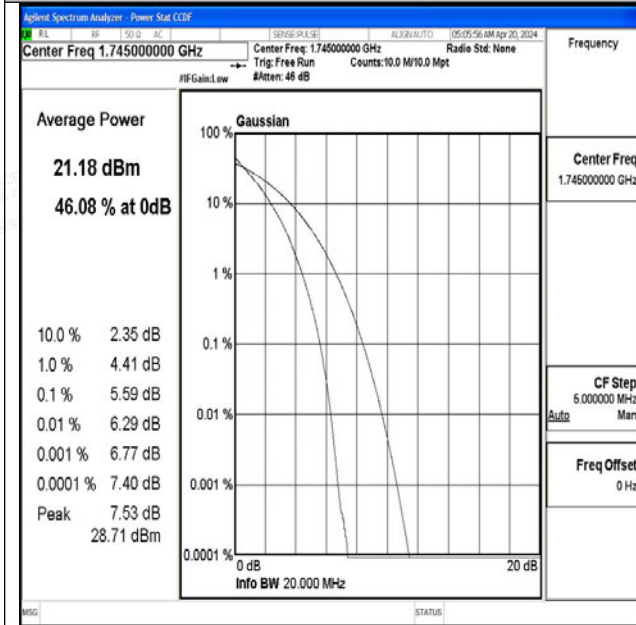




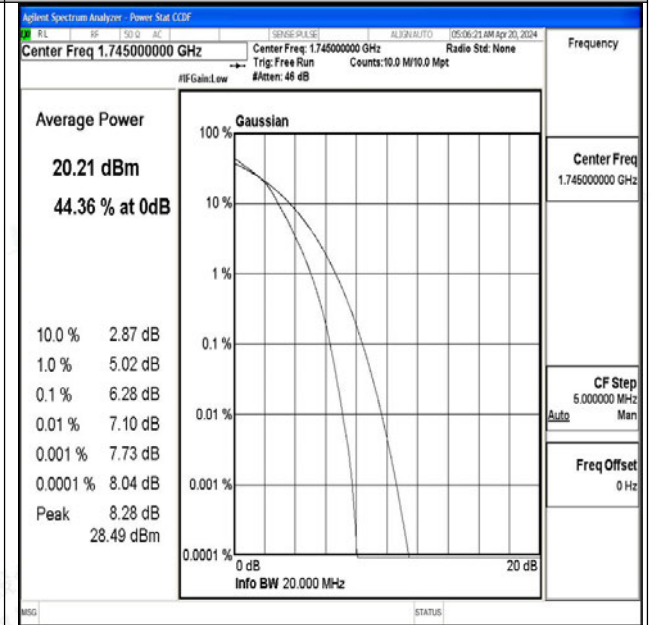
Band4-20MHz-QPSK-20300-1RB#0-PASS



Band4-20MHz-16QAM-20300-1RB#0-PASS



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



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





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	1.0914	1.280	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0925	1.293	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0881	1.270	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0951	1.283	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0880	1.292	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0920	1.317	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6798	2.895	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6798	2.891	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6884	2.889	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6853	2.883	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6832	2.912	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6806	2.877	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4979	4.939	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4888	4.877	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5001	4.935	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4890	4.922	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4883	4.913	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4864	4.891	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9663	9.822	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9655	9.675	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9853	9.821	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9801	9.768	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9876	9.790	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9847	9.773	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.449	14.69	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.447	14.61	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.471	14.74	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.479	14.57	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.440	14.63	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.494	14.68	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.904	19.36	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.909	19.33	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.958	19.41	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.943	19.29	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



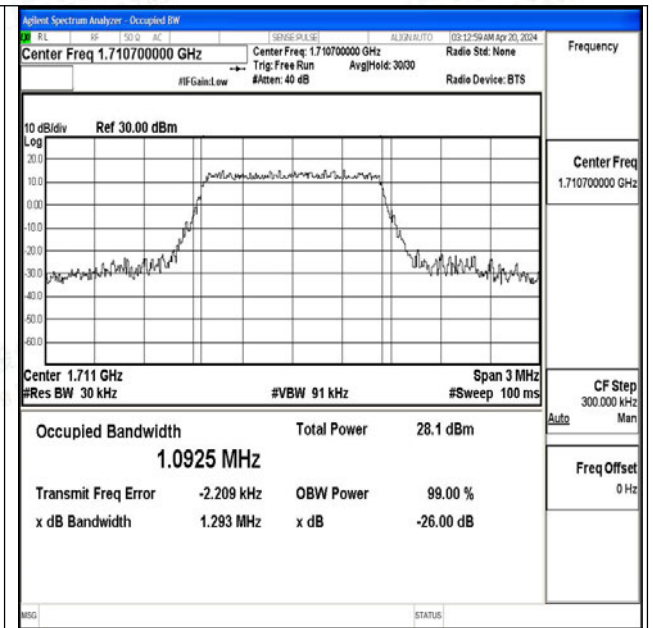
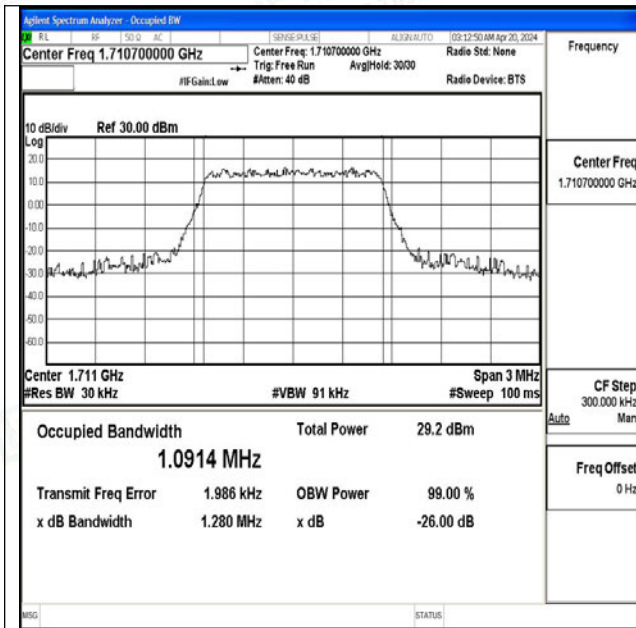
Band4	20MHz	QPSK	20300	100RB#0	17.970	19.57	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.943	19.33	PASS



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

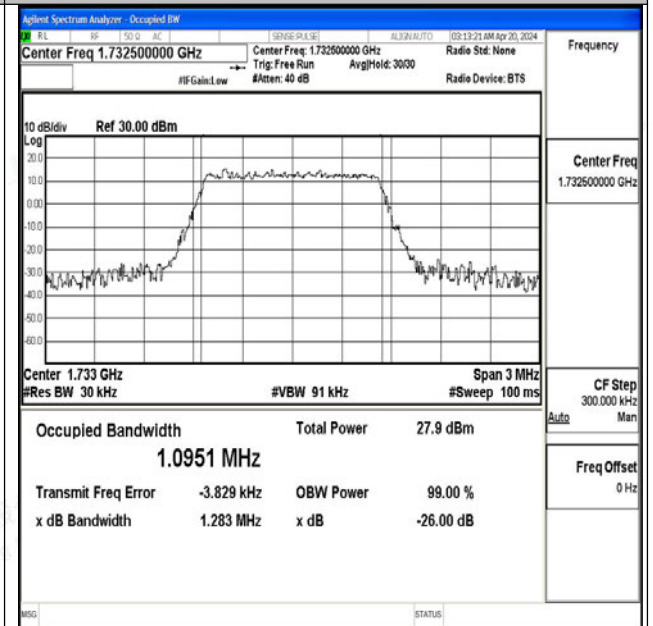
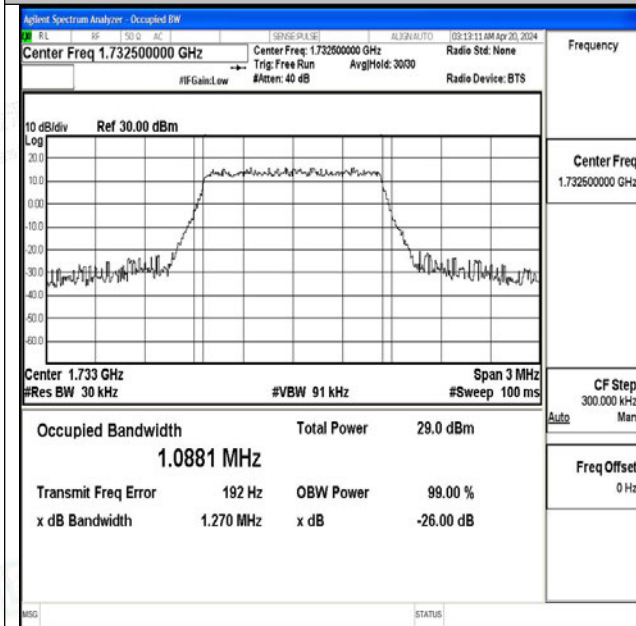


Test Graphs



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

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



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

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

