



Appendix G: Test Data for E-UTRA Band 4

Product Name: Smartphone

Test Model: ZG65 Pro

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 Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	19.78	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.16	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	19.74	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	19.11	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	19.81	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	19.15	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	19.78	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.06	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	19.85	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.05	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	19.63	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	18.91	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	18.88	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	18.16	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	20.45	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.37	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	20.53	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.38	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	20.54	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.67	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	20.46	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	19.45	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	20.59	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	19.43	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	20.46	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	19.48	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	19.67	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	18.96	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	20.55	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	20.52	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.41	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	20.53	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.39	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	20.52	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	19.24	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	20.53	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	19.25	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	20.56	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	19.76	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	19.68	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.08	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.83	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.18	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.75	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.16	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.68	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.09	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.15	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.61	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.10	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.55	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.04	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.56	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.12	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.39	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.25	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.94	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.27	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.90	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.26	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.60	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.42	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.92	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.41	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.90	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.43	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.99	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.42	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.65	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.79	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.28	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.78	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.25	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.68	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.25	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	3MHz	QPSK	20385	8RB#0	21.06	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.41	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.08	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.44	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.02	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.36	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.02	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.46	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.90	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.64	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.80	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.58	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.75	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.48	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.10	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.33	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.11	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.34	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.07	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.34	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.94	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.35	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.05	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.79	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.05	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.74	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.05	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.81	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.43	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.89	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.42	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.86	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.39	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.75	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.45	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.60	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.91	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.81	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.81	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.74	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	5MHz	QPSK	20375	1RB#24	21.78	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.79	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.12	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.29	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.14	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.25	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.11	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.23	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.05	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.32	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.73	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.11	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.63	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.02	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.69	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.11	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.22	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.96	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.23	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.97	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.27	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.01	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.32	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.14	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.49	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.20	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.46	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.21	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.50	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.44	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.87	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.43	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.87	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.46	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.86	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.41	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.77	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.78	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.85	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	10MHz	QPSK	20350	1RB#24	21.64	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.70	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.59	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.65	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.15	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.51	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.16	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.51	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.11	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.35	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.16	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.45	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.73	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.16	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.63	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.07	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.84	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.23	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.99	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.99	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.99	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.00	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	20.97	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.33	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.57	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.26	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.68	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.32	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.66	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.29	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.35	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.34	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.34	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.33	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.33	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.33	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.33	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.80	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	15MHz	QPSK	20325	1RB#0	21.90	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.84	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.71	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.54	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.61	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.42	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.12	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.12	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.12	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.12	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.13	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.13	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.13	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.49	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.79	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.01	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.77	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.96	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.03	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.23	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.09	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.47	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.02	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.40	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.13	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.57	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.20	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.53	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.97	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.16	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.20	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.15	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.88	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.33	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.68	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.40	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.67	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.50	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.73	PASS





Band4	20MHz	QPSK	20175	100RB#0	21.40	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.83	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.38	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.12	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.16	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.90	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.96	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.62	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.30	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.75	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.39	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.69	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.14	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.46	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.33	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.55	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	1RB#0	3.57	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3.90	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.32	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.92	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.82	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.35	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.69	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.29	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.40	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.72	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.26	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.91	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.51	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.20	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.34	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.95	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.91	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.63	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.71	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.36	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.41	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.13	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.24	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.88	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.59	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.34	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.86	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.38	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.07	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.88	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.05	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.65	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.39	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.12	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.73	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.28	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

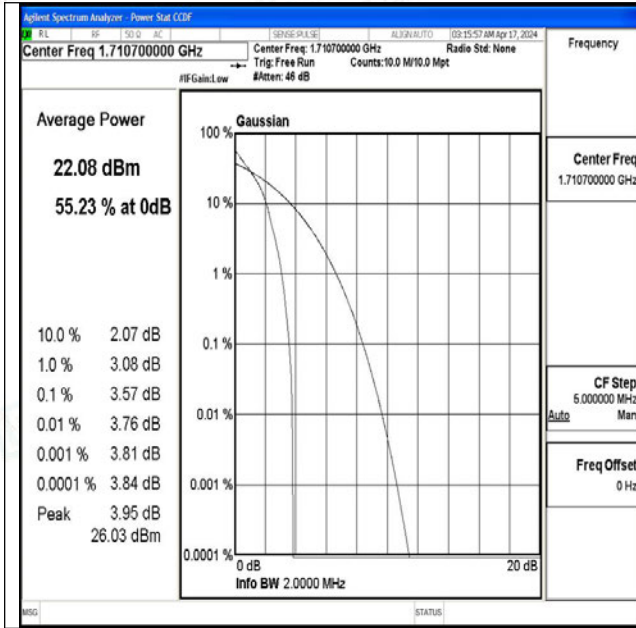


Band4	10MHz	QPSK	20000	1RB#0	3.56	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.22	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.97	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.56	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.15	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.75	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.04	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.69	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.06	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	3.86	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.72	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.32	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.56	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.18	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.73	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.17	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.78	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.34	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.77	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.45	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.05	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.94	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.20	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.03	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.05	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.69	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.94	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.78	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.04	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.69	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.45	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.87	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.74	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.33	13	PASS

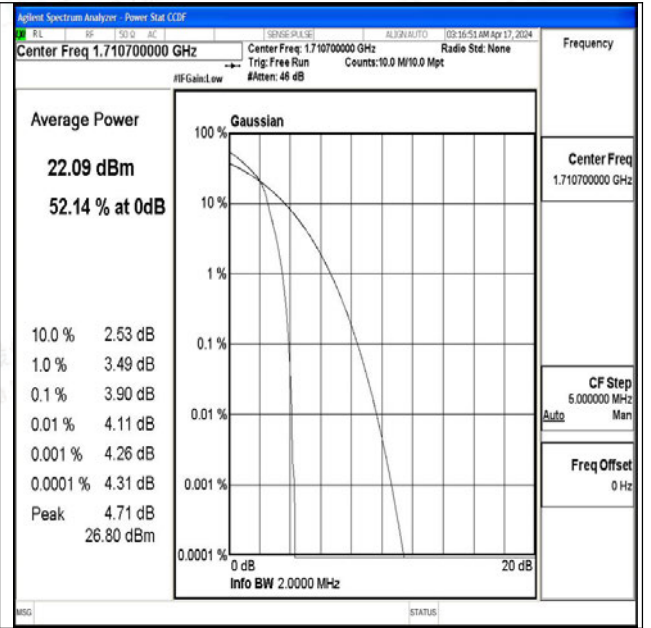




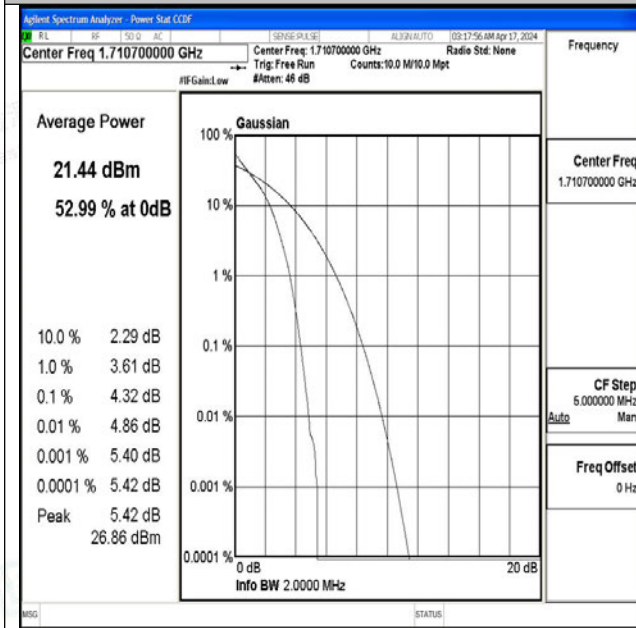
Test Graphs



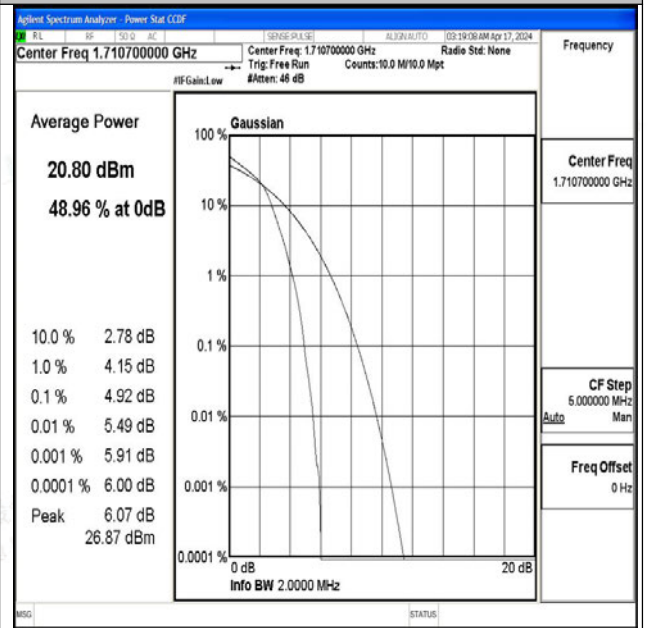
Band4-1.4MHz-QPSK-19957-1RB#0-PASS



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

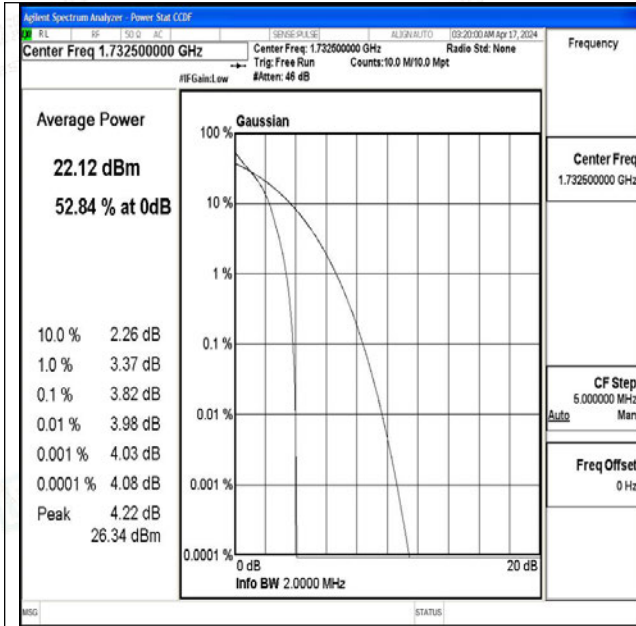


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

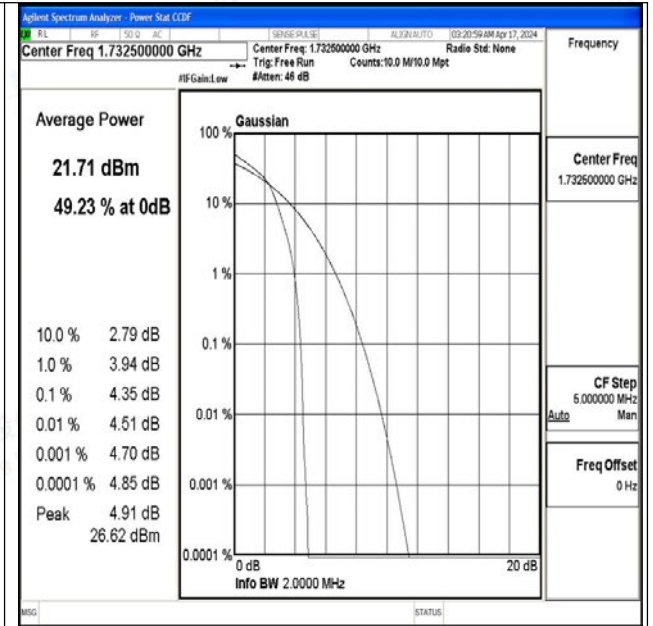


Band4-1.4MHz-16QAM-19957-6RB#0-PASS

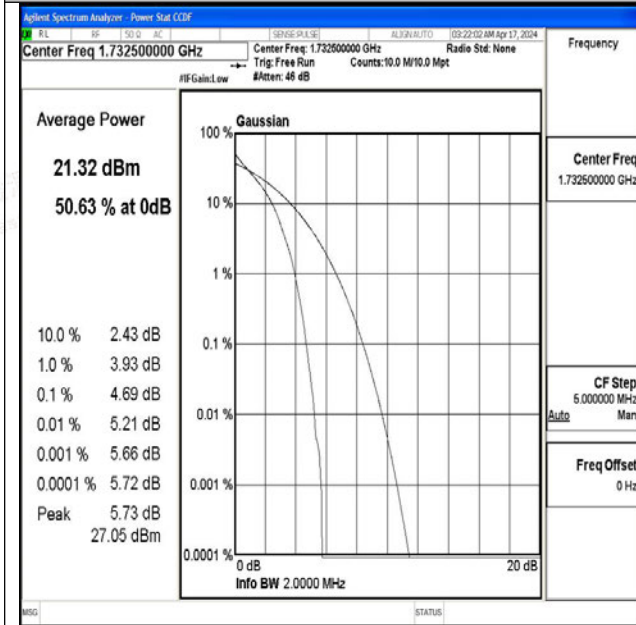




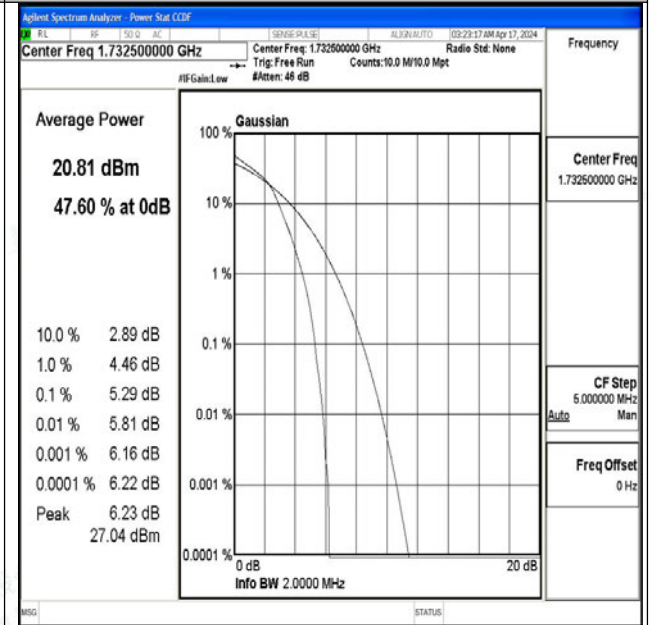
Band4-1.4MHz-QPSK-20175-1RB#0-PASS



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

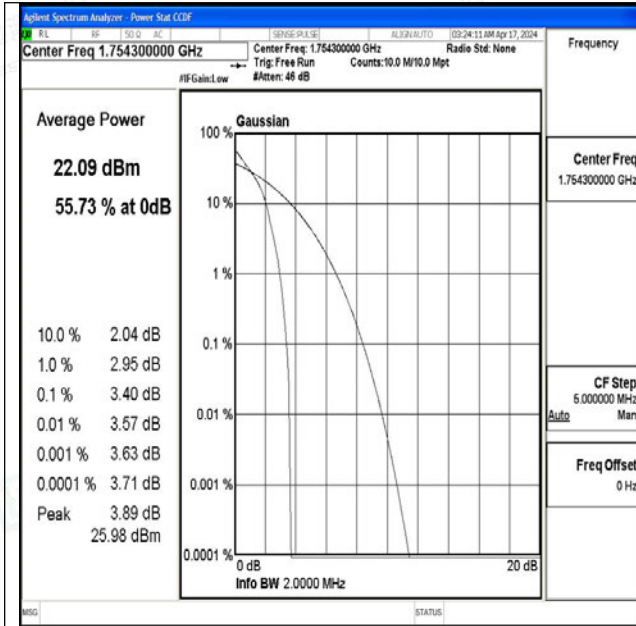


Band4-1.4MHz-QPSK-20175-6RB#0-PASS

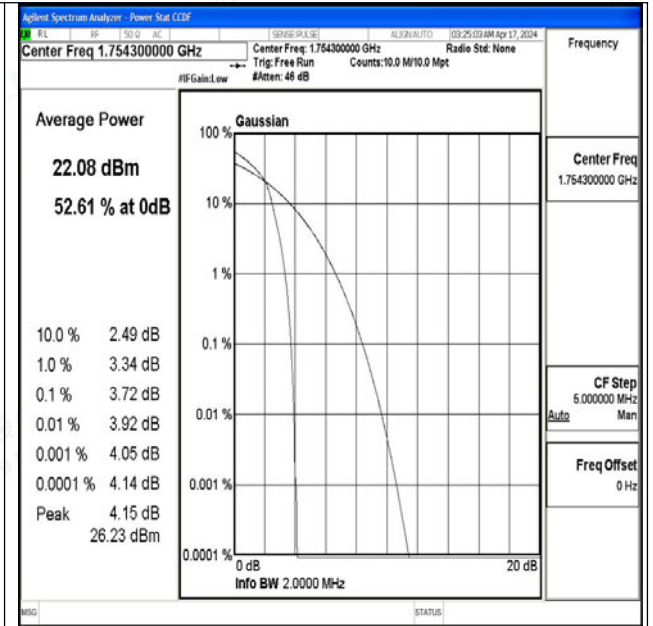


Band4-1.4MHz-16QAM-20175-6RB#0-PASS

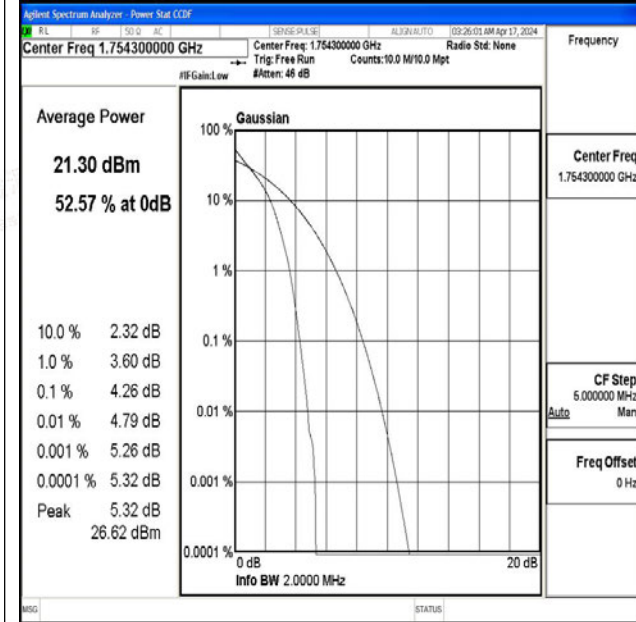




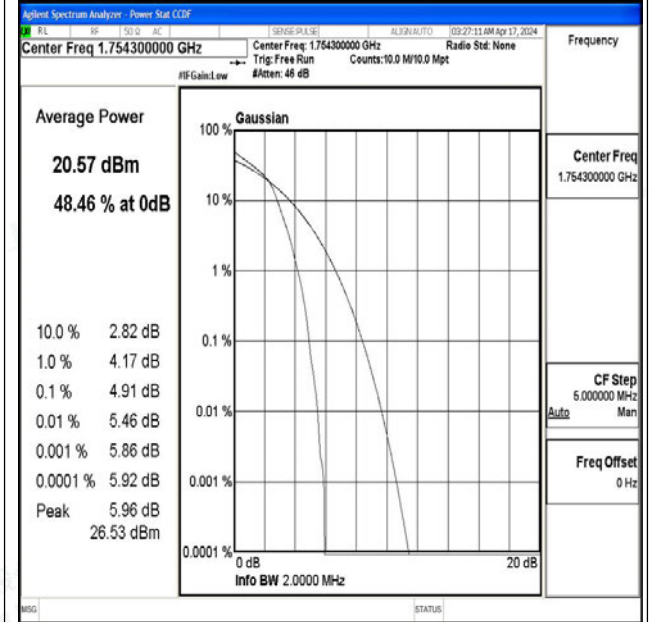
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



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

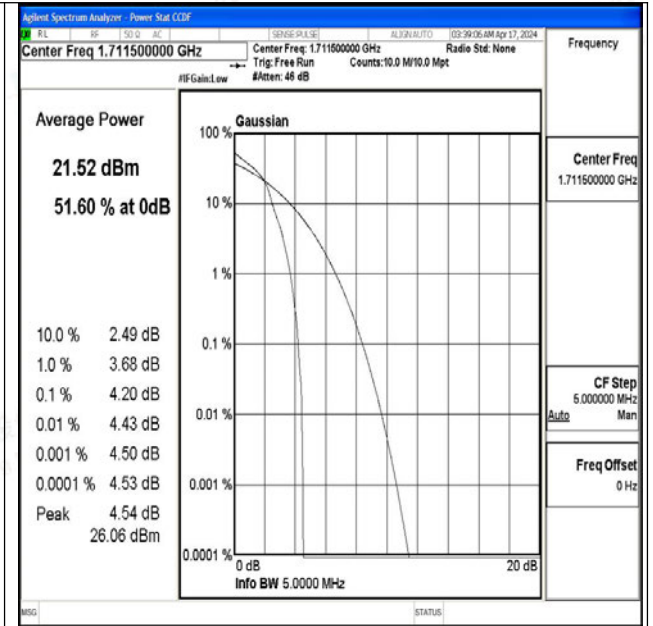
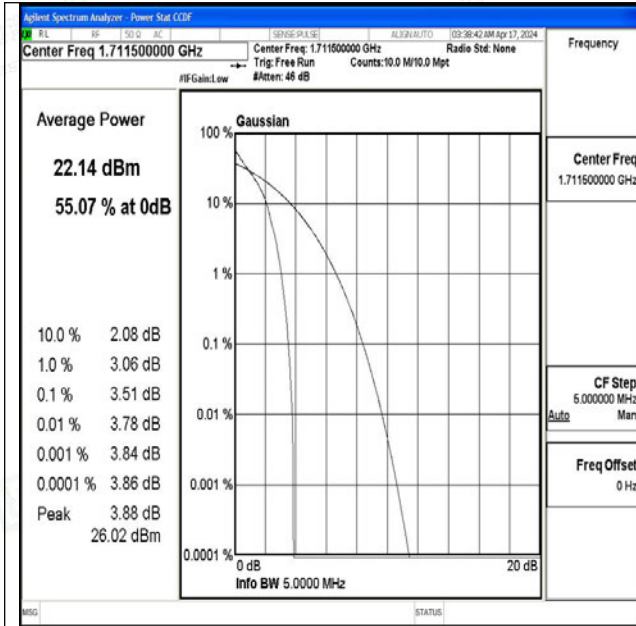


Band4-1.4MHz-QPSK-20393-6RB#0-PASS



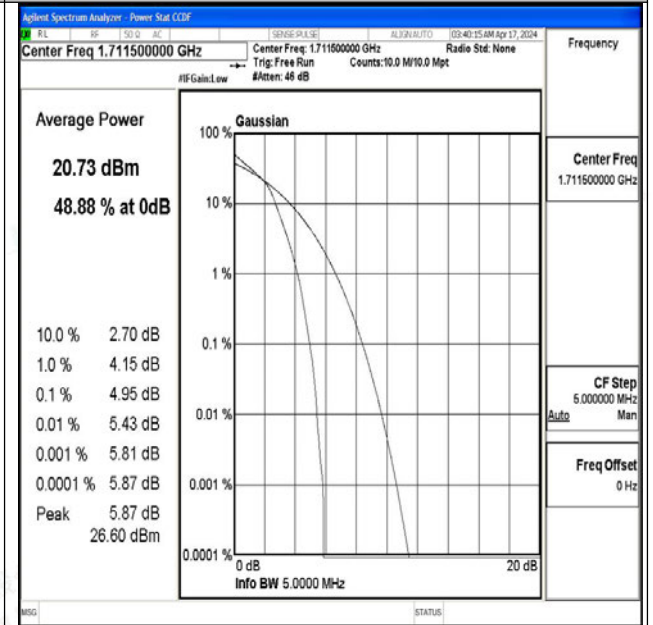
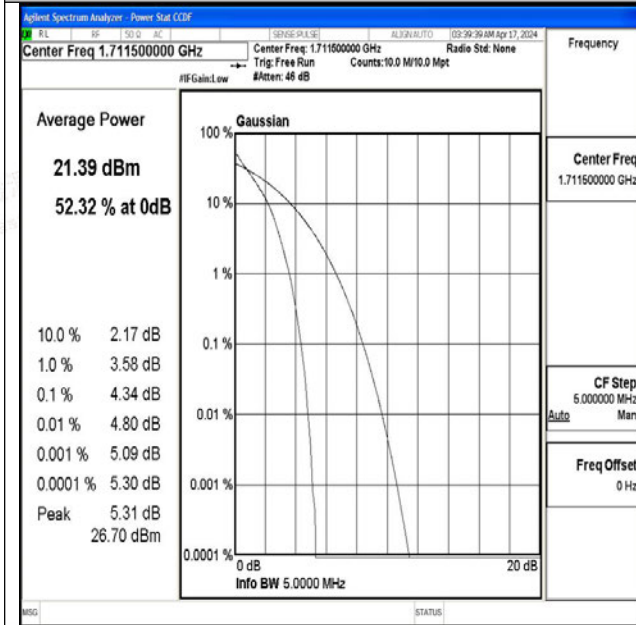
Band4-1.4MHz-16QAM-20393-6RB#0-PASS





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

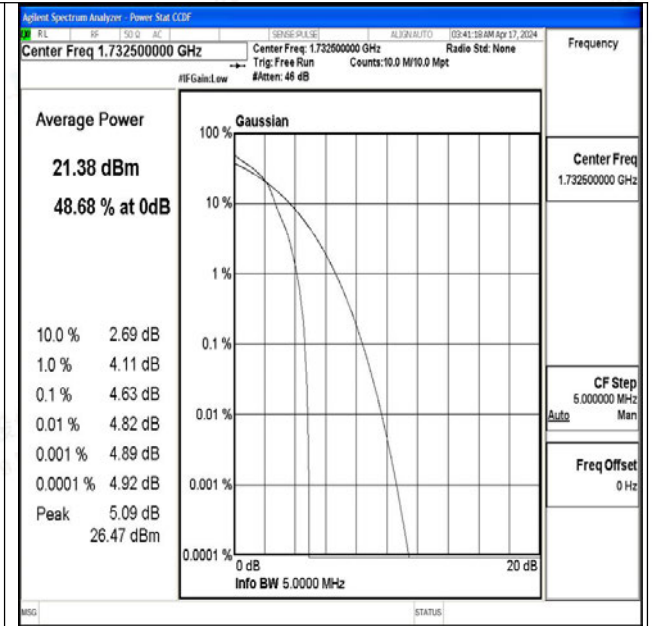
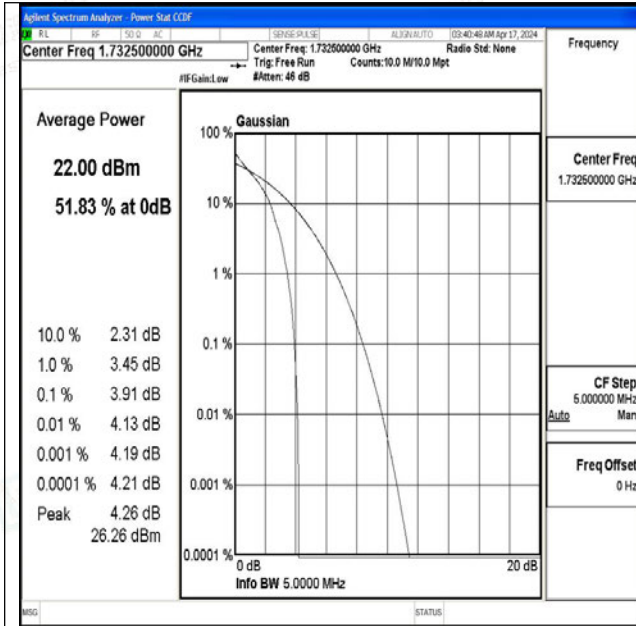
Band4-3MHz-16QAM-19965-1RB#0-PASS



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

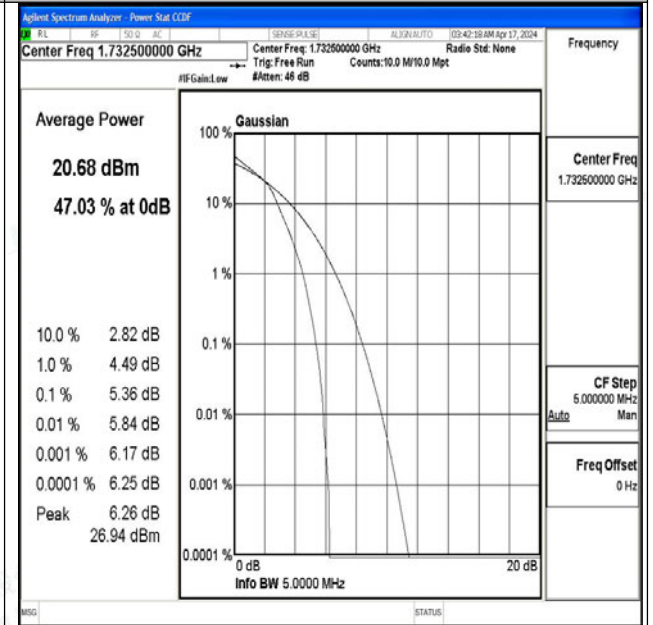
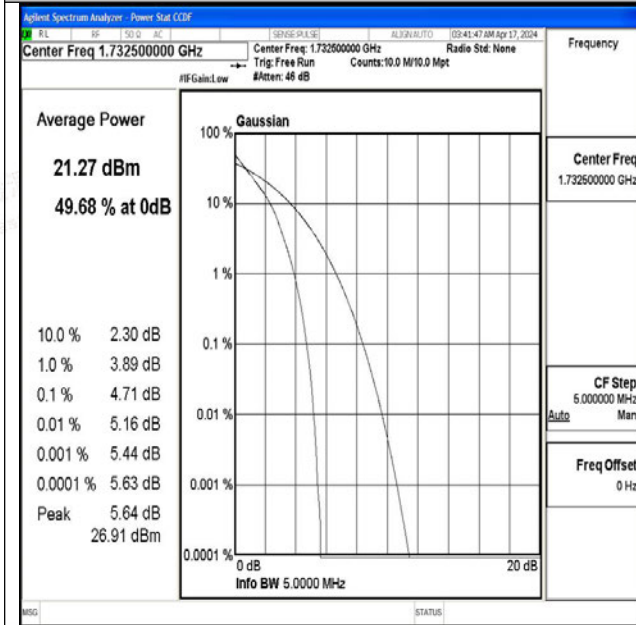
Band4-3MHz-16QAM-19965-15RB#0-PASS





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

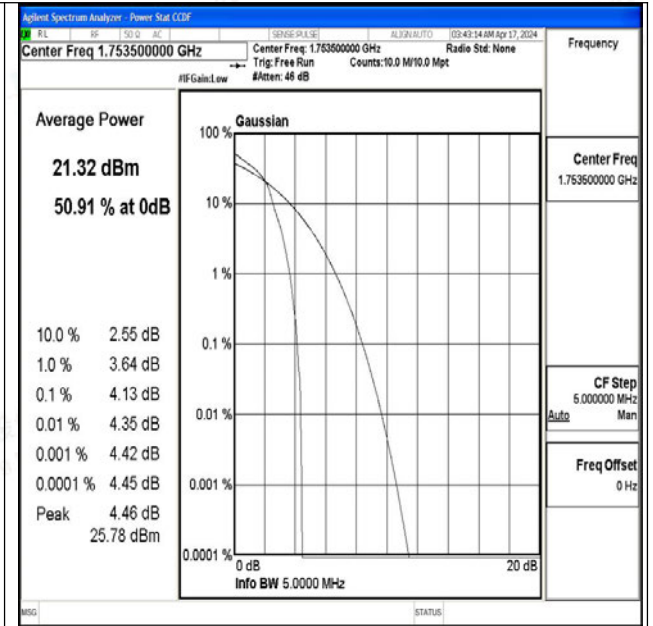
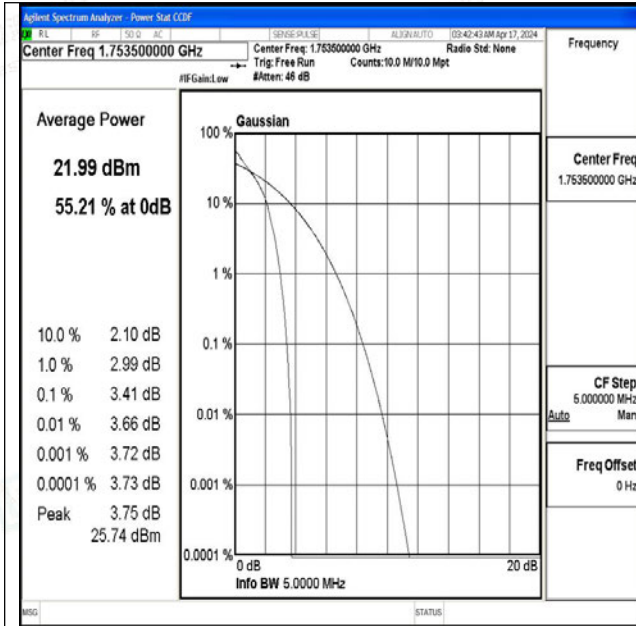
Band4-3MHz-16QAM-20175-1RB#0-PASS



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

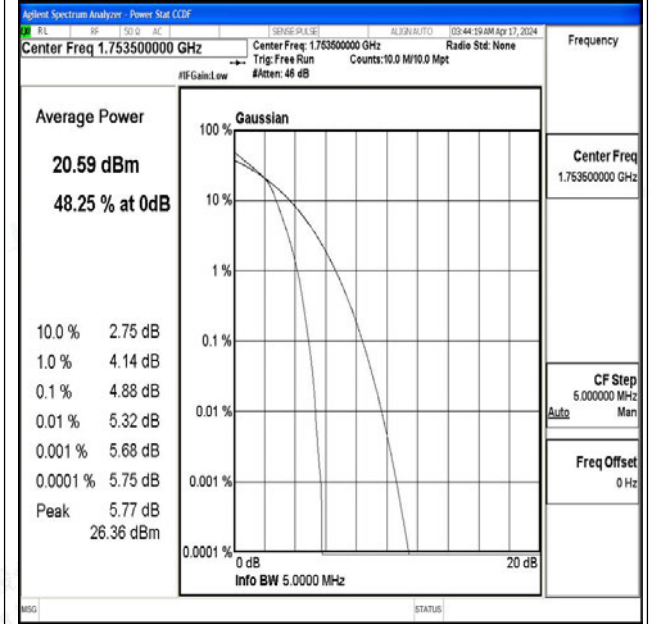
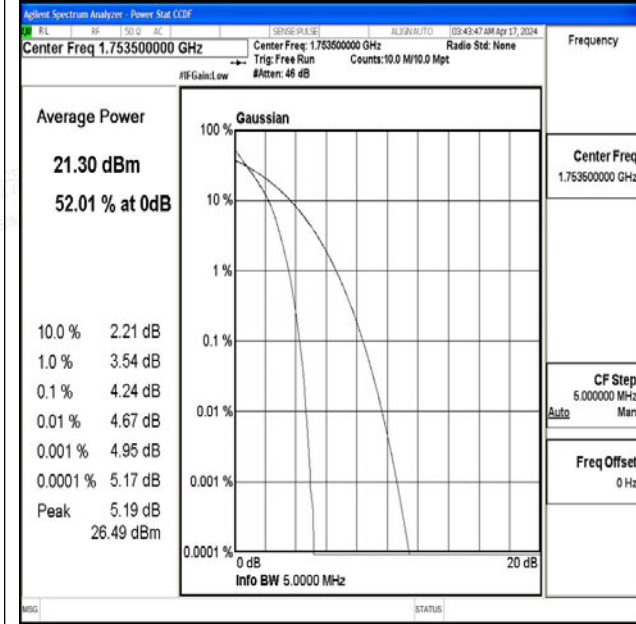
Band4-3MHz-16QAM-20175-15RB#0-PASS





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

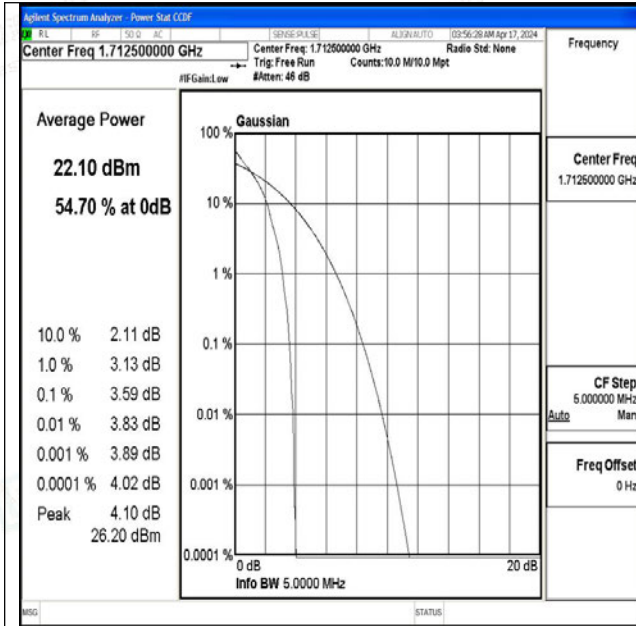
Band4-3MHz-16QAM-20385-1RB#0-PASS



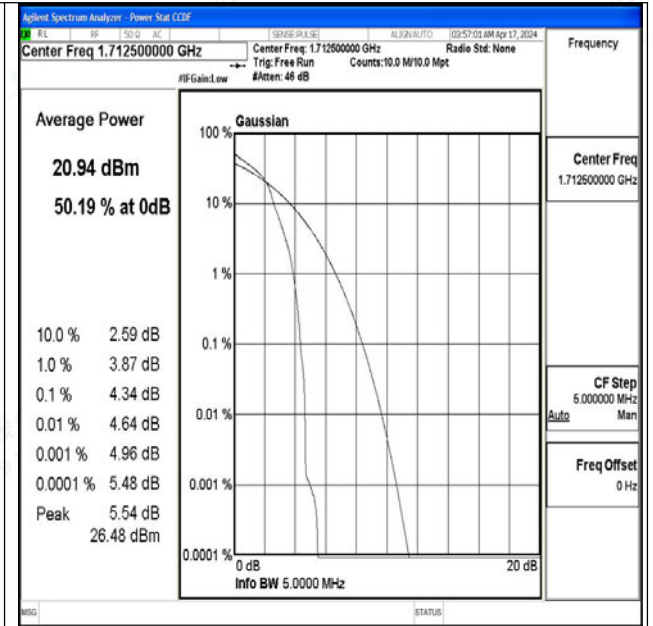
Band4-3MHz-QPSK-20385-15RB#0-PASS

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

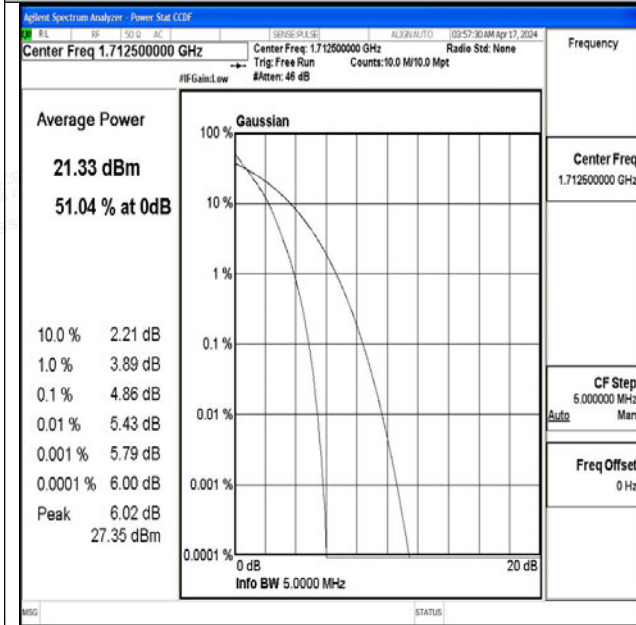




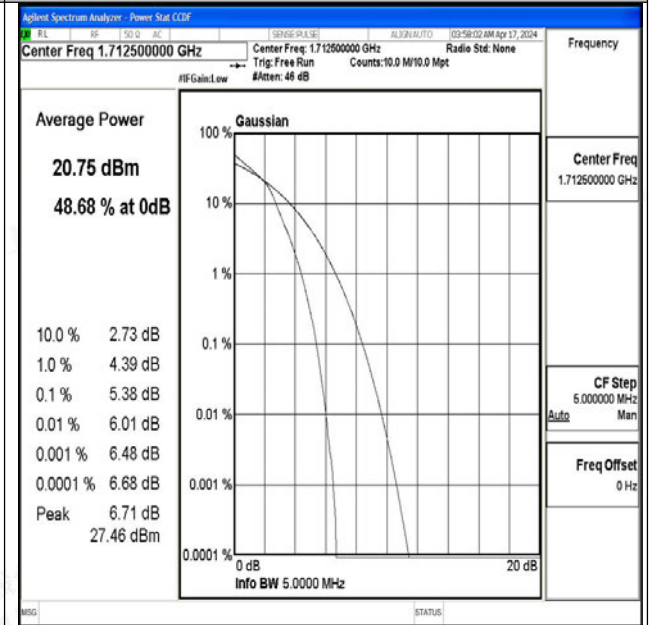
Band4-5MHz-QPSK-19975-1RB#0-PASS



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

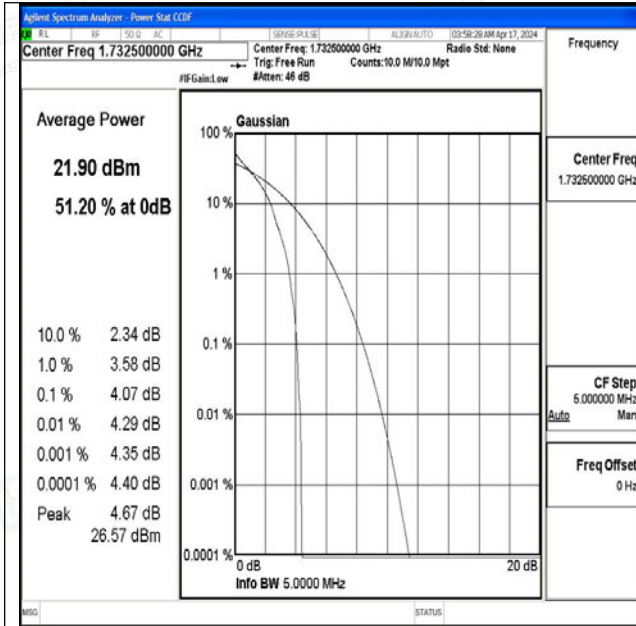


Band4-5MHz-QPSK-19975-25RB#0-PASS

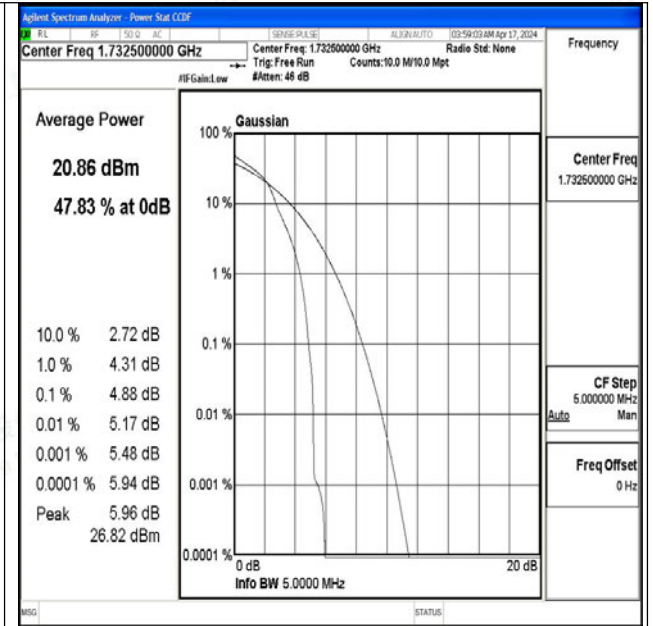


Band4-5MHz-16QAM-19975-25RB#0-PASS

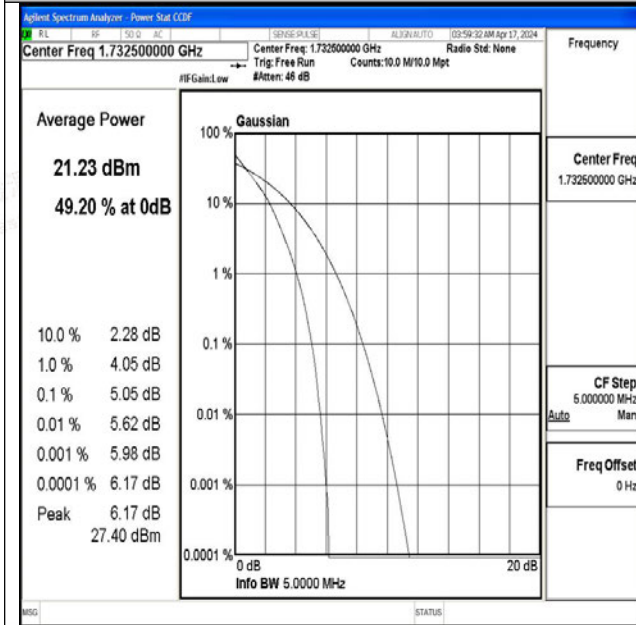




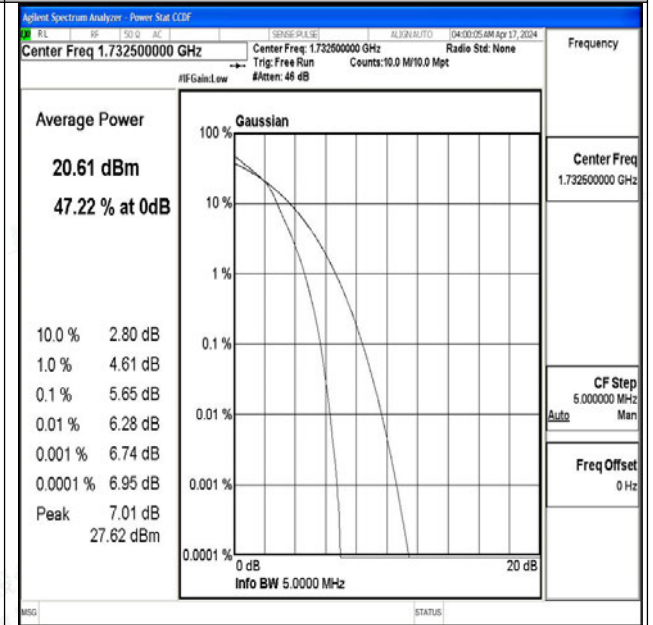
Band4-5MHz-QPSK-20175-1RB#0-PASS



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

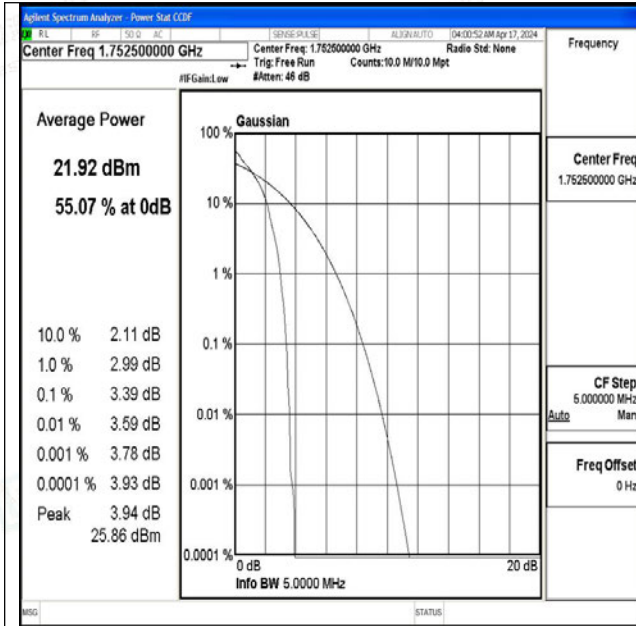


Band4-5MHz-QPSK-20175-25RB#0-PASS

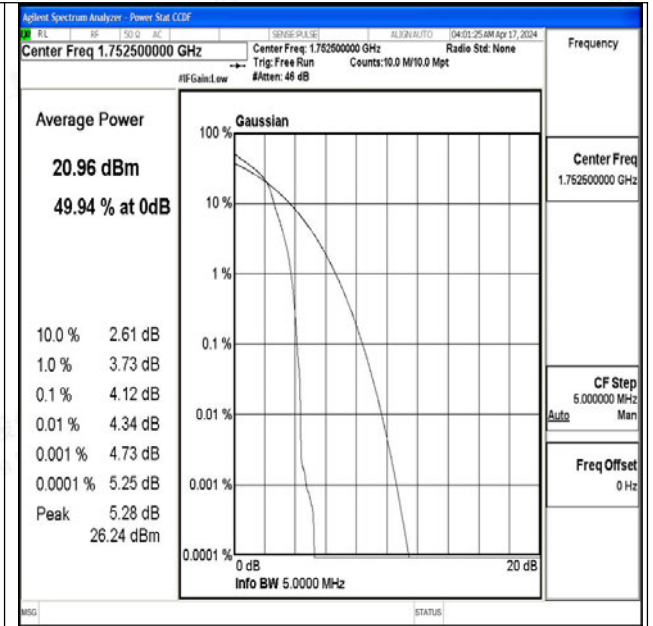


Band4-5MHz-16QAM-20175-25RB#0-PASS

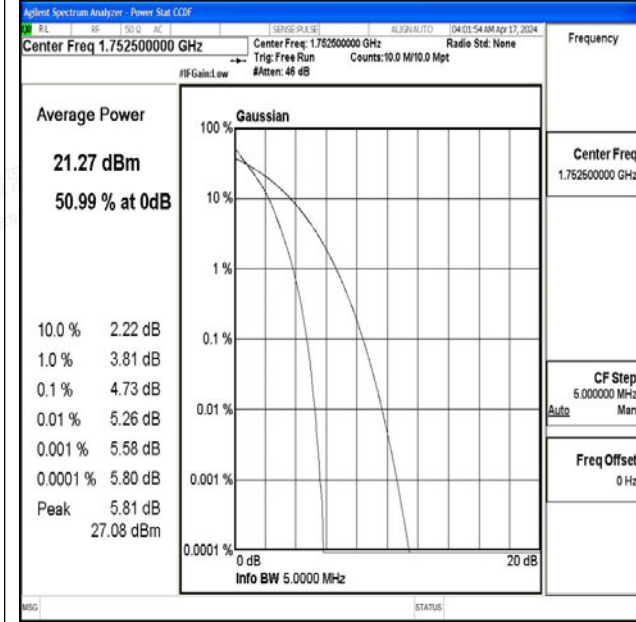




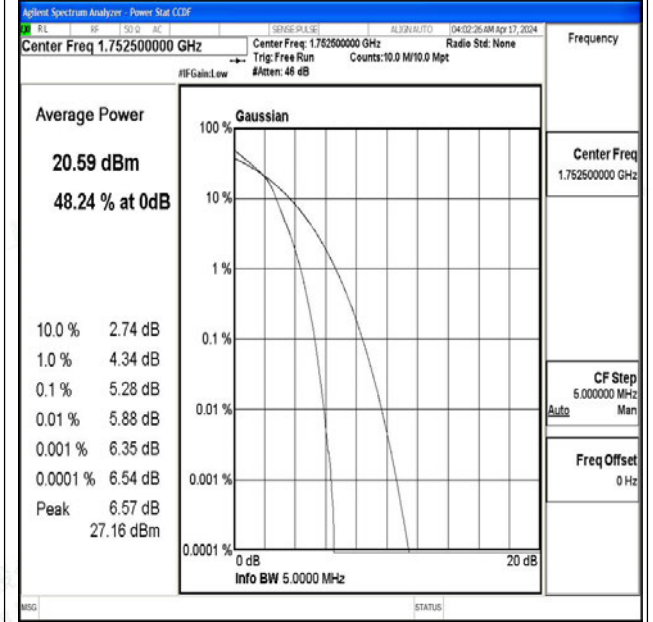
Band4-5MHz-QPSK-20375-1RB#0-PASS



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

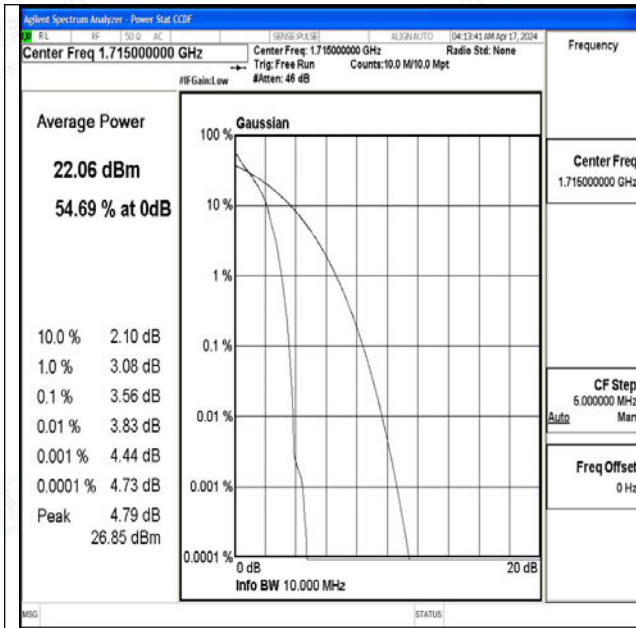


Band4-5MHz-QPSK-20375-25RB#0-PASS

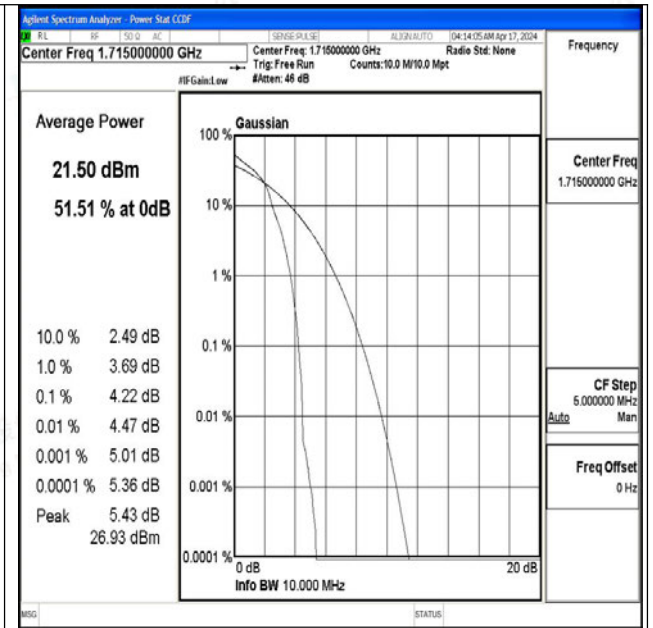


Band4-5MHz-16QAM-20375-25RB#0-PASS

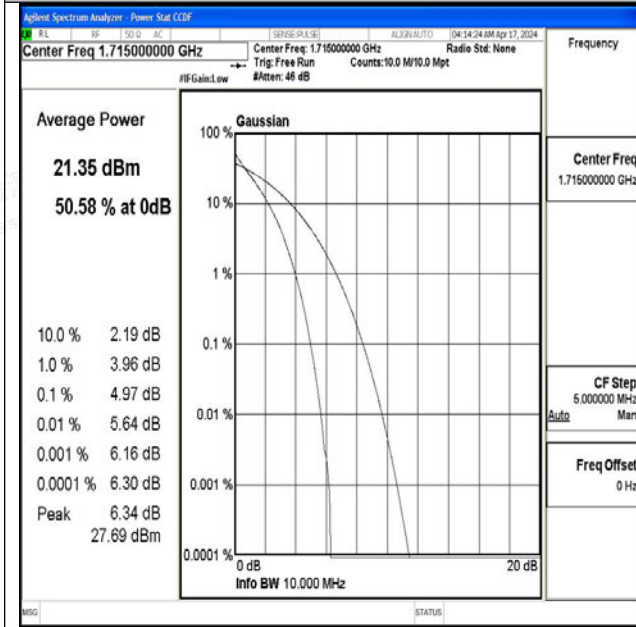




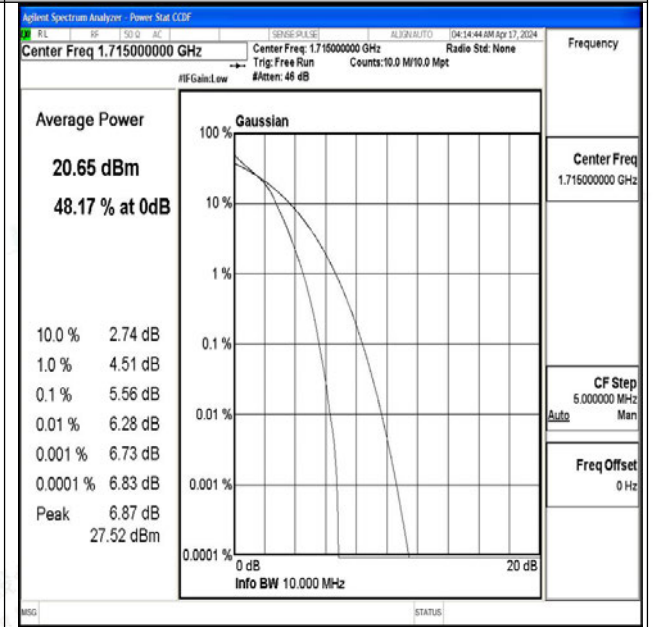
Band4-10MHz-QPSK-20000-1RB#0-PASS



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

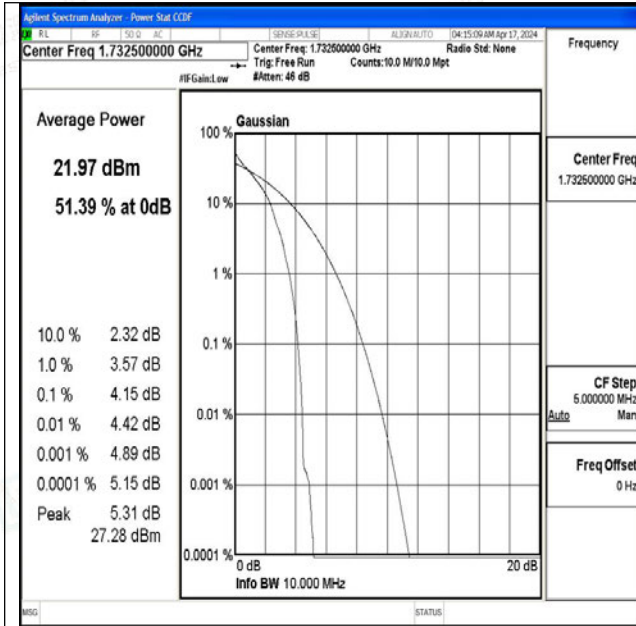


Band4-10MHz-QPSK-20000-50RB#0-PASS

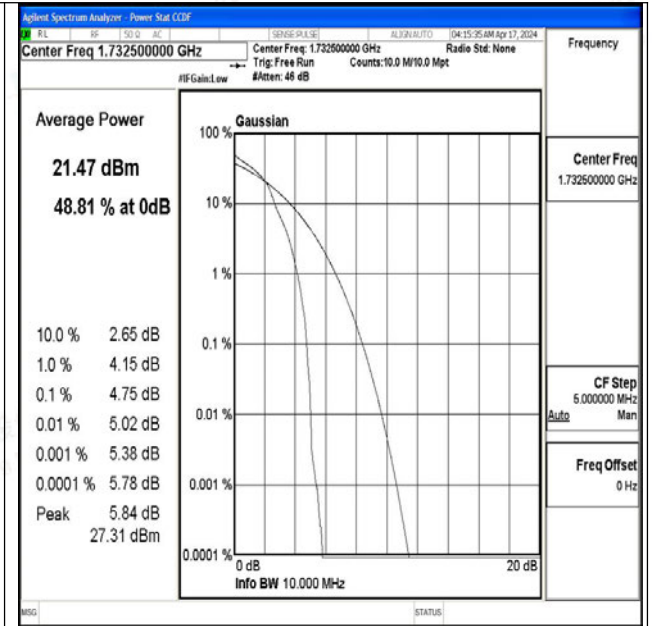


Band4-10MHz-16QAM-20000-50RB#0-PASS

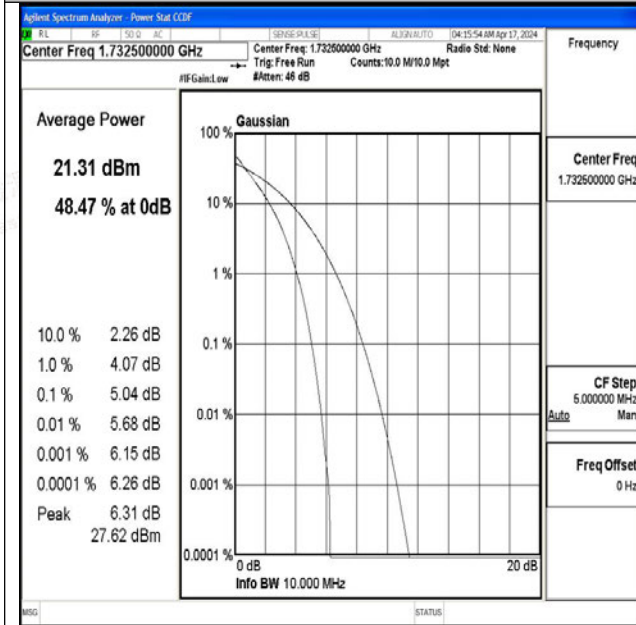




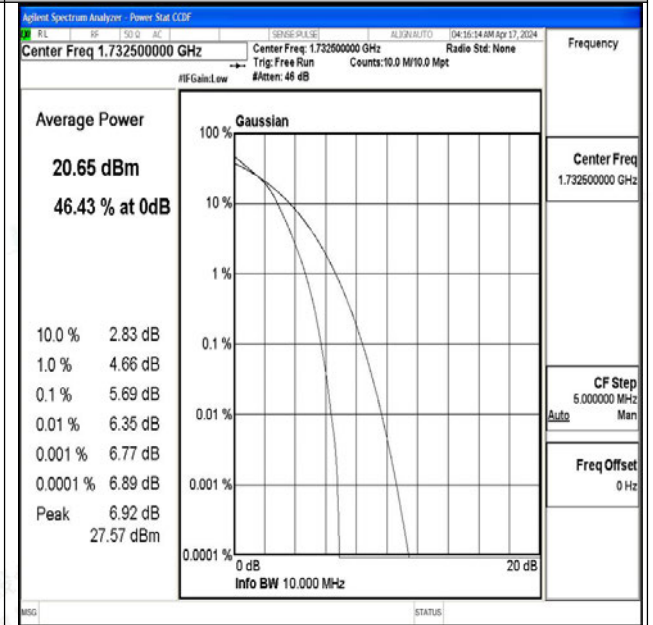
Band4-10MHz-QPSK-20175-1RB#0-PASS



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

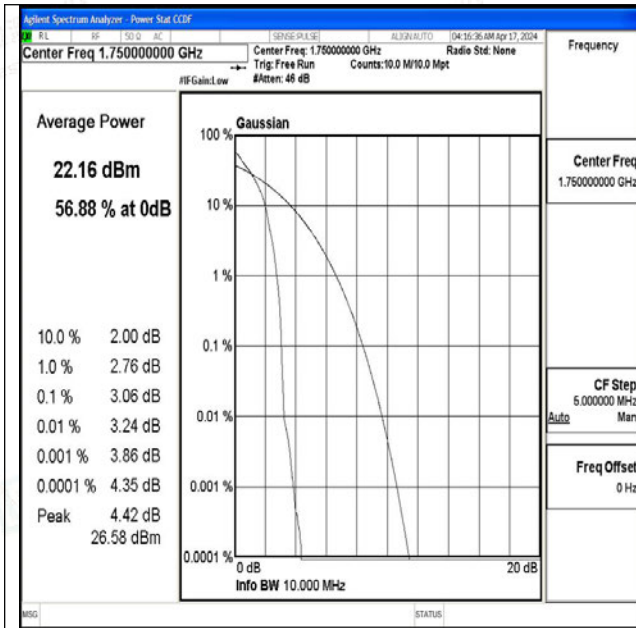


Band4-10MHz-QPSK-20175-50RB#0-PASS

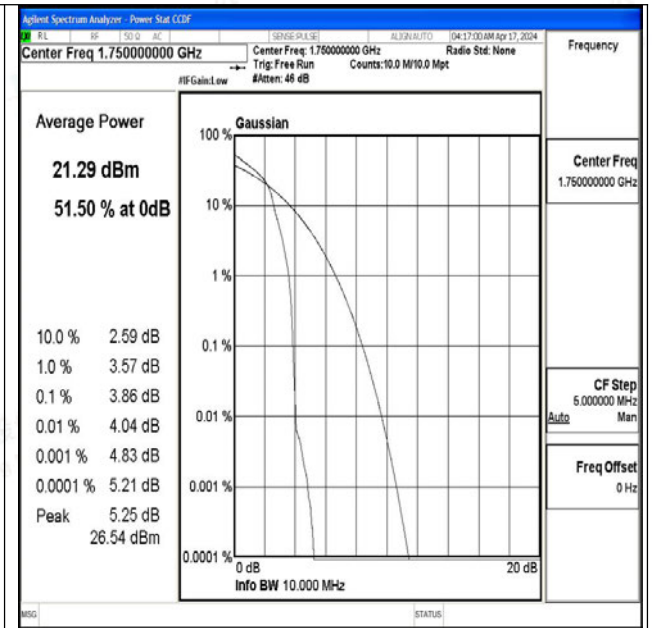


Band4-10MHz-16QAM-20175-50RB#0-PASS

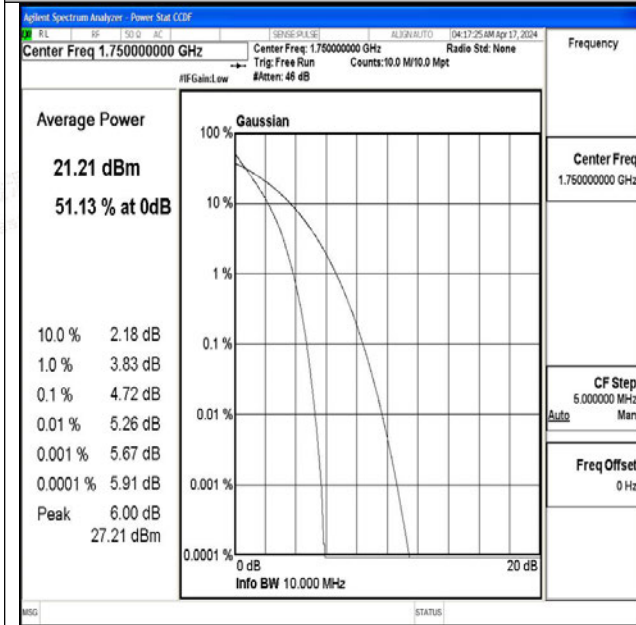




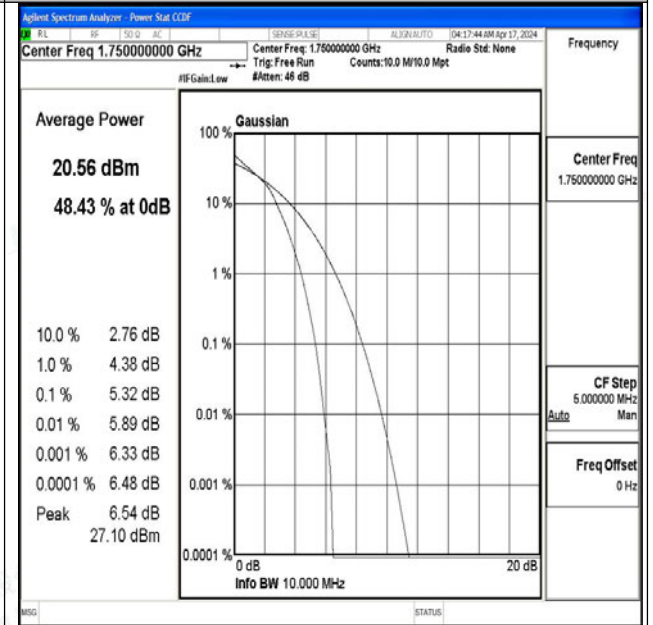
Band4-10MHz-QPSK-20350-1RB#0-PASS



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

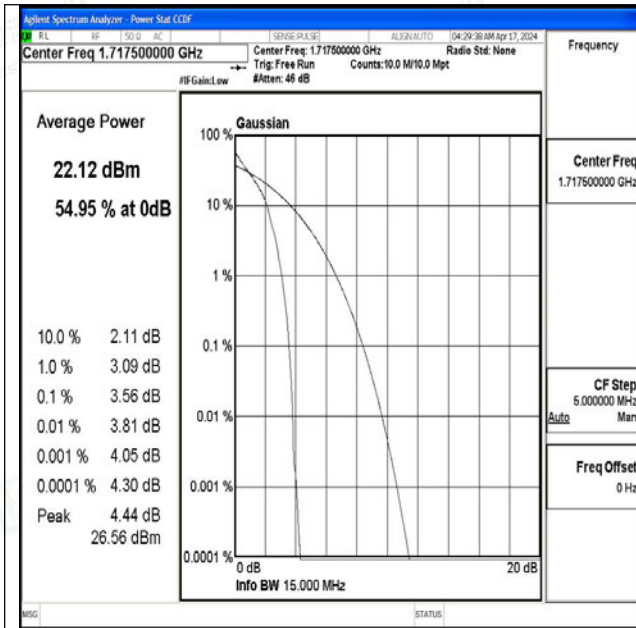


Band4-10MHz-QPSK-20350-50RB#0-PASS

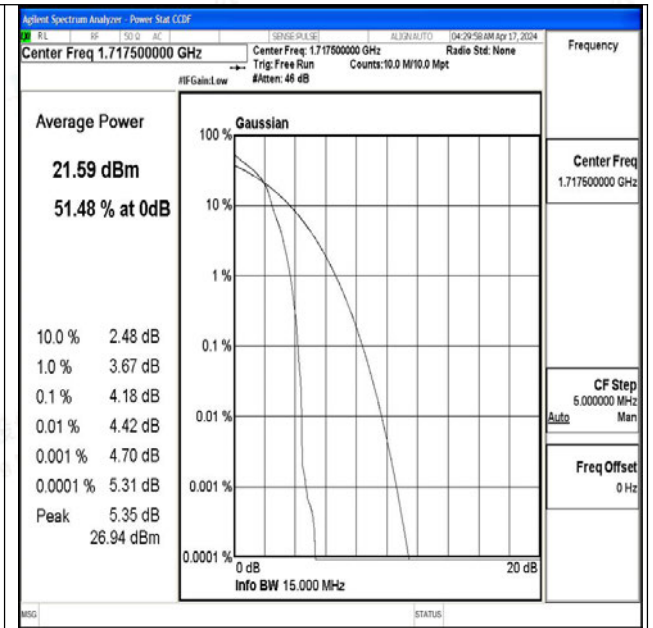


Band4-10MHz-16QAM-20350-50RB#0-PASS

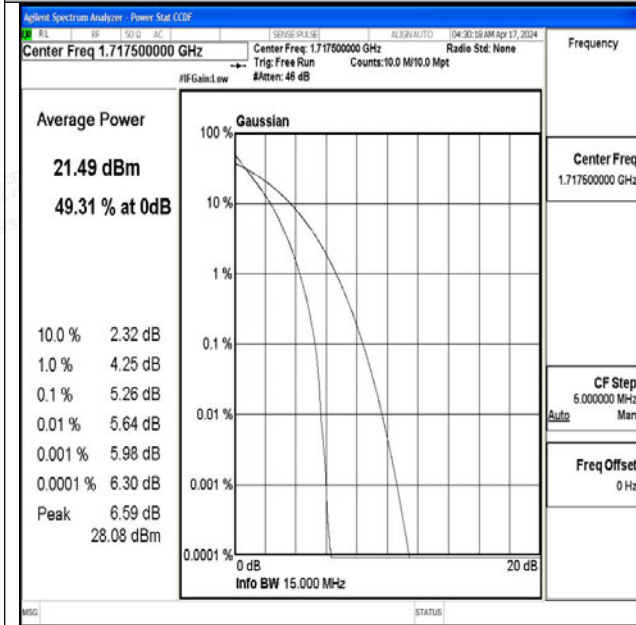




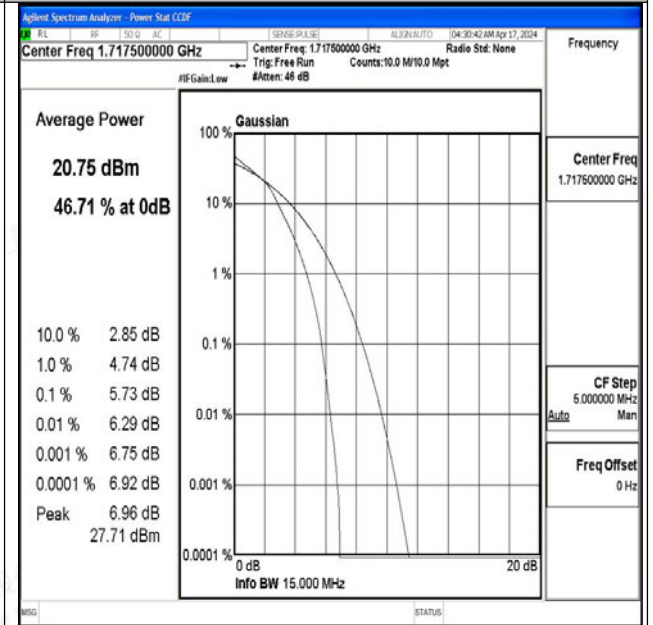
Band4-15MHz-QPSK-20025-1RB#0-PASS



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

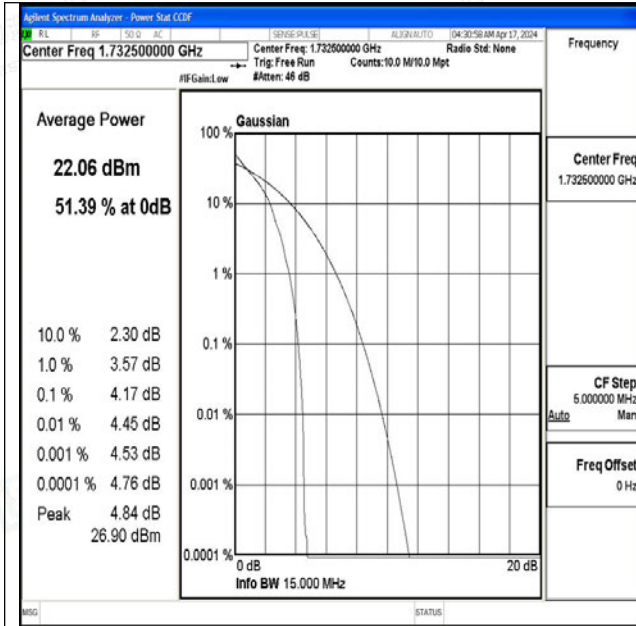


Band4-15MHz-QPSK-20025-75RB#0-PASS

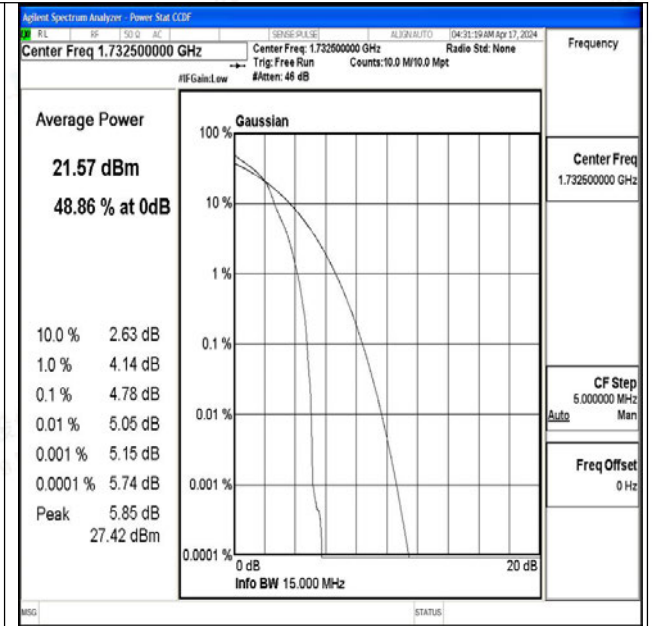


Band4-15MHz-16QAM-20025-75RB#0-PASS

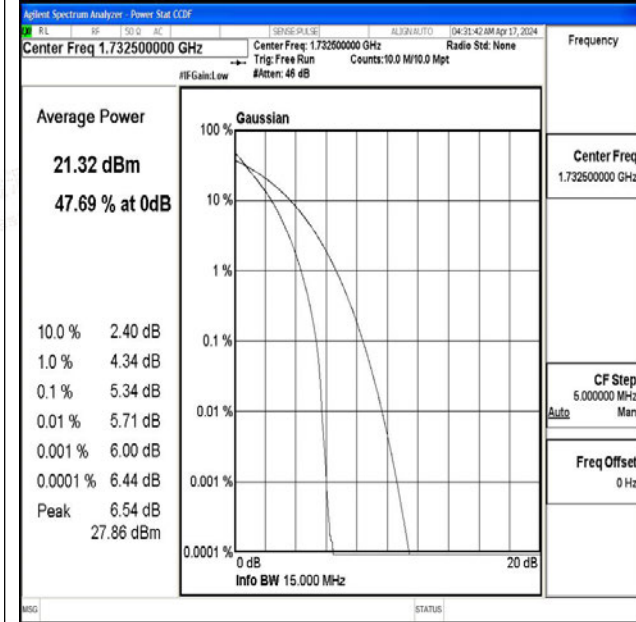




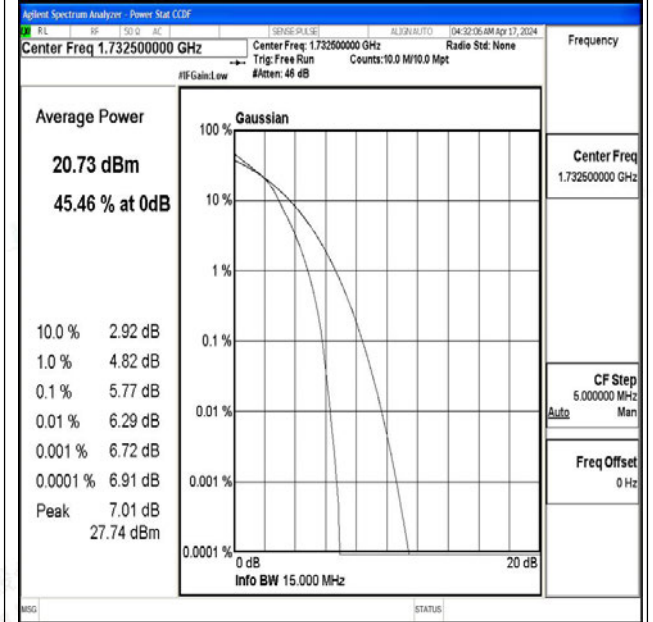
Band4-15MHz-QPSK-20175-1RB#0-PASS



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

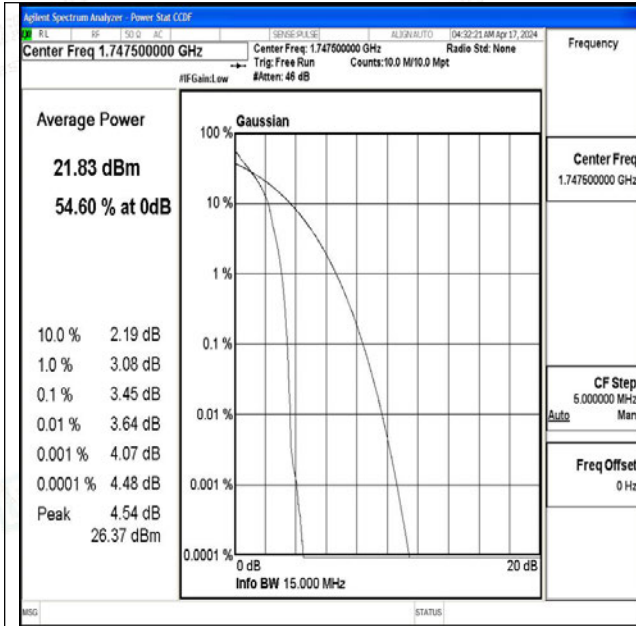


Band4-15MHz-QPSK-20175-75RB#0-PASS

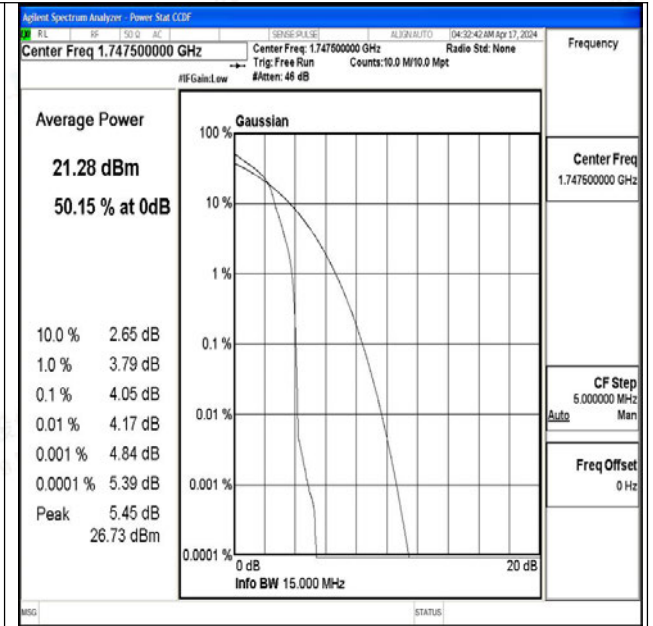


Band4-15MHz-16QAM-20175-75RB#0-PASS

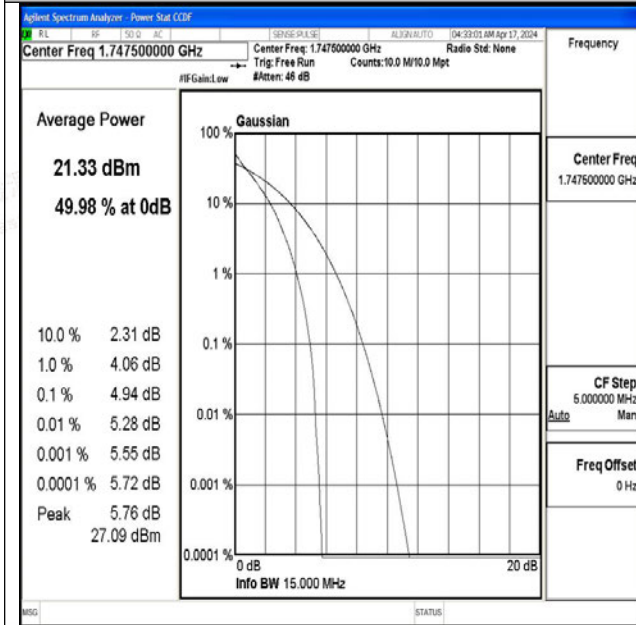




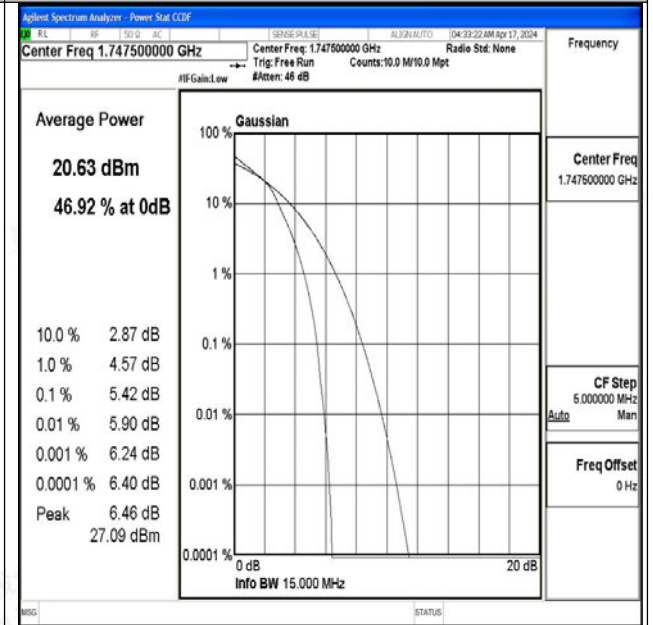
Band4-15MHz-QPSK-20325-1RB#0-PASS



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

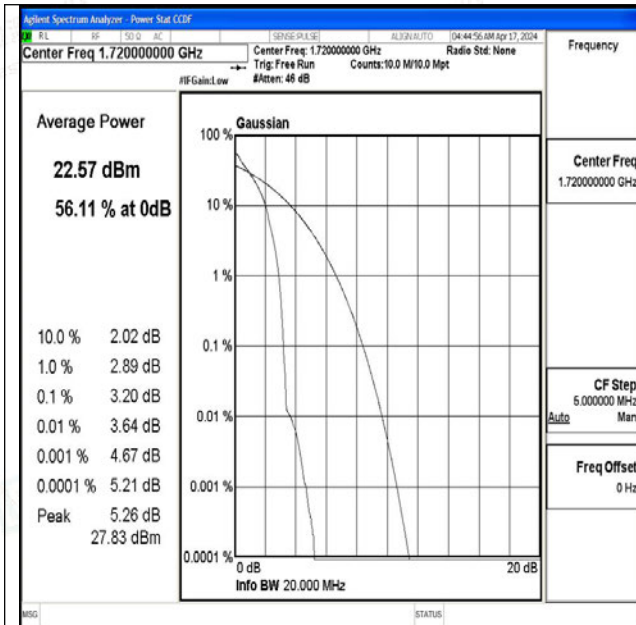


Band4-15MHz-QPSK-20325-75RB#0-PASS

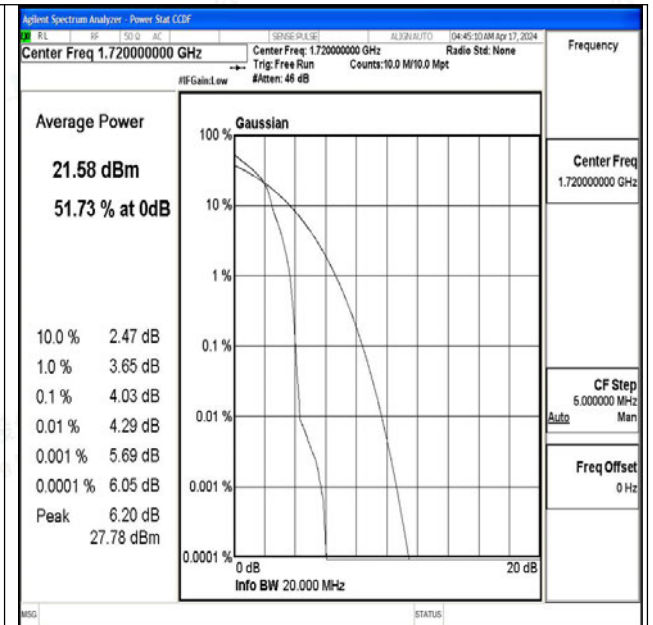


Band4-15MHz-16QAM-20325-75RB#0-PASS

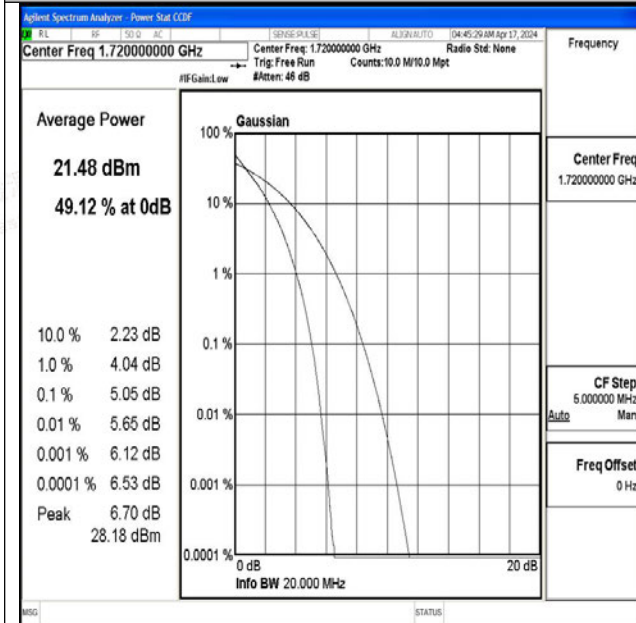




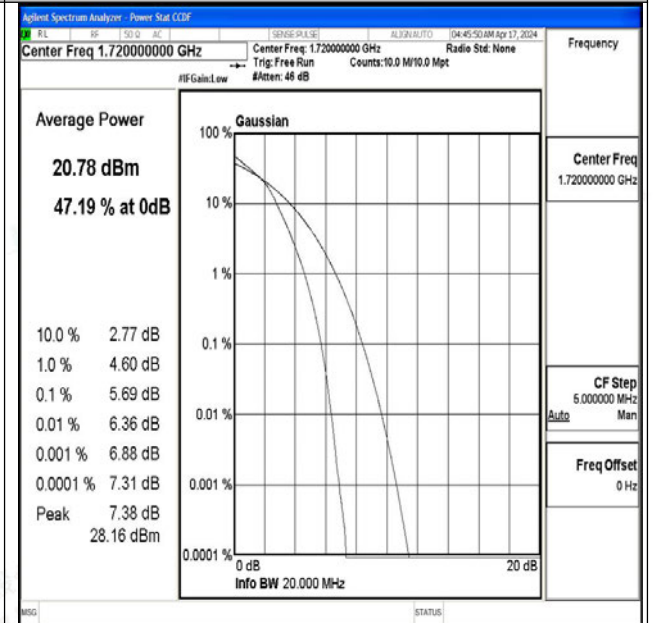
Band4-20MHz-QPSK-20050-1RB#0-PASS



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

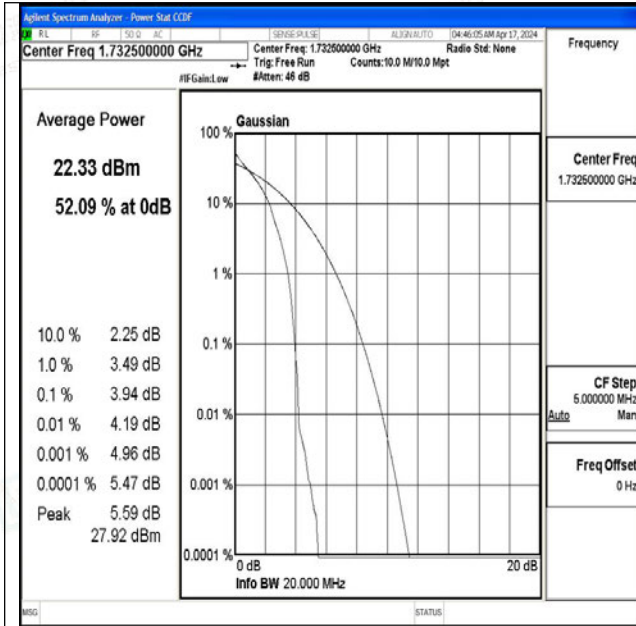


Band4-20MHz-QPSK-20050-100RB#0-PASS

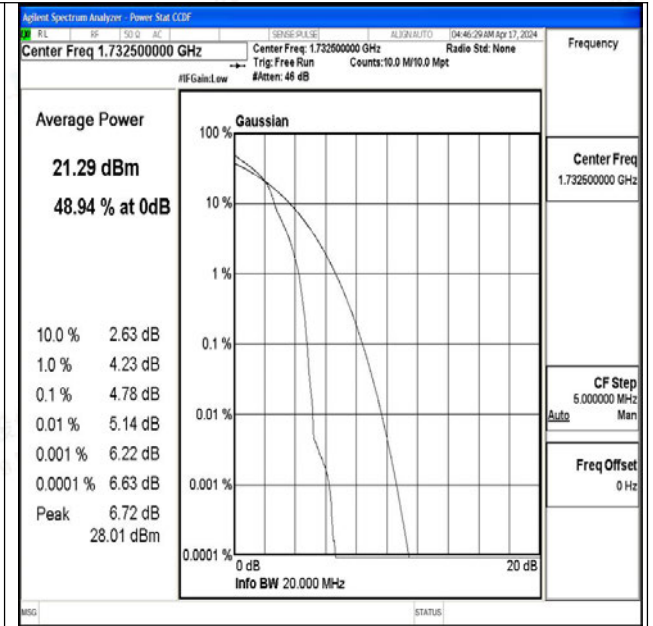


Band4-20MHz-16QAM-20050-100RB#0-PASS

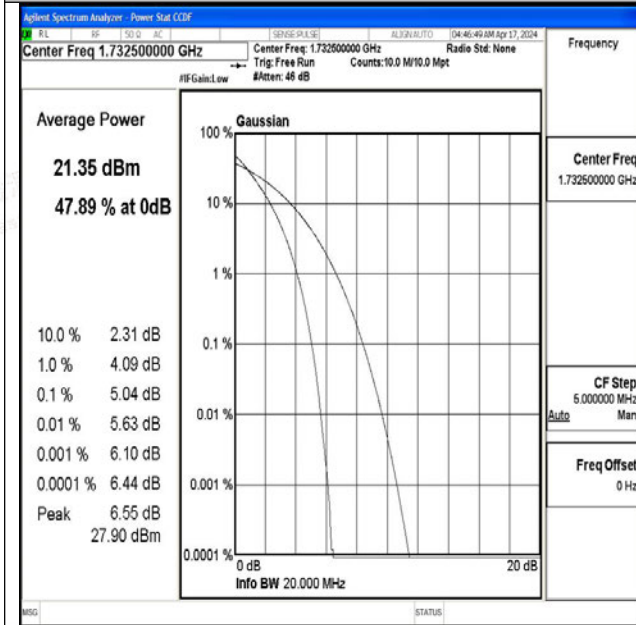




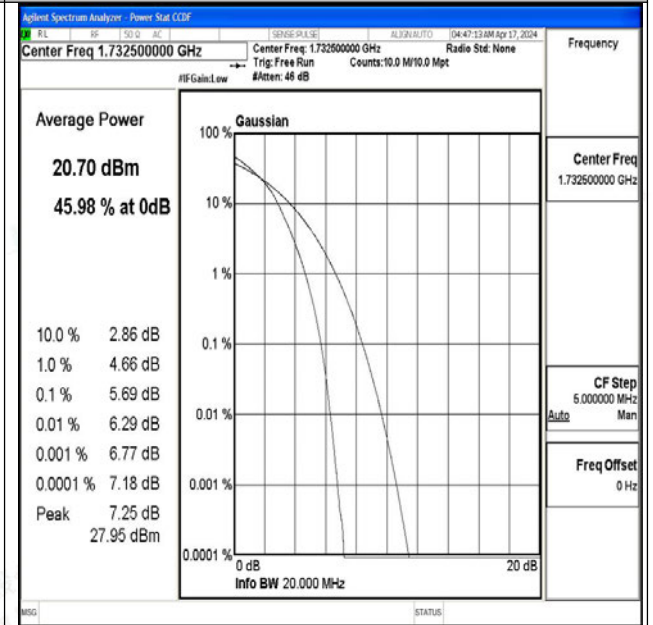
Band4-20MHz-QPSK-20175-1RB#0-PASS



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

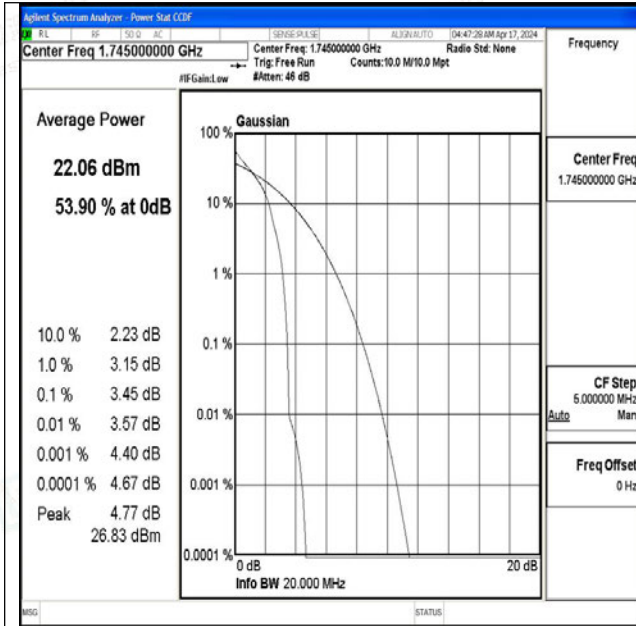


Band4-20MHz-QPSK-20175-100RB#0-PASS

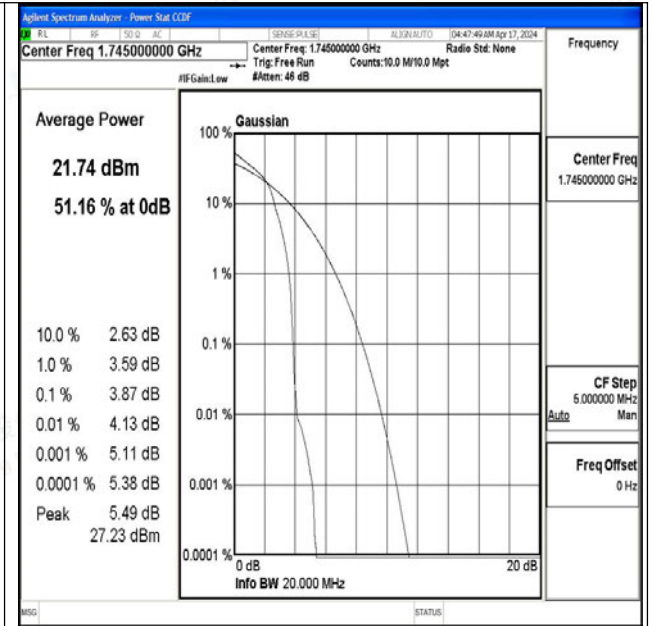


Band4-20MHz-16QAM-20175-100RB#0-PASS

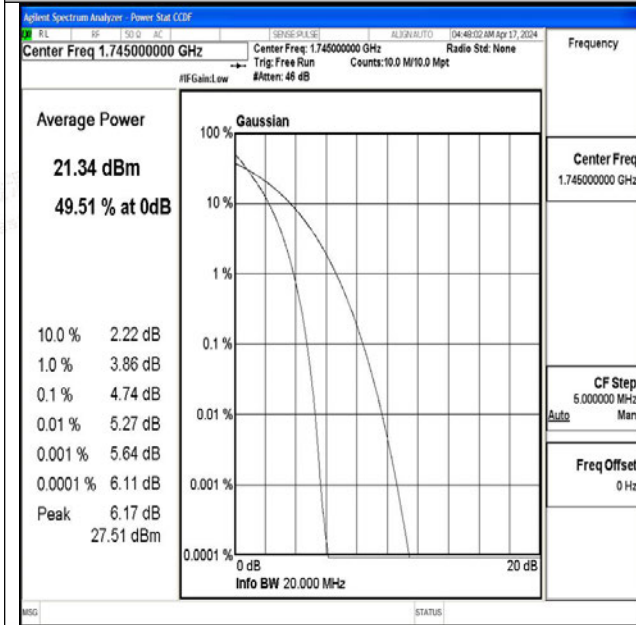




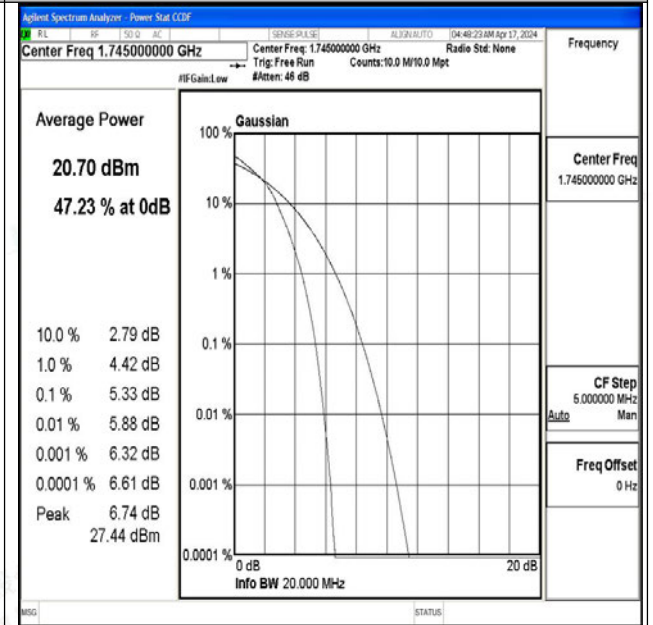
Band4-20MHz-QPSK-20300-1RB#0-PASS



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



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



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





G.3 26dB Bandwidth and Occupied Bandwidth

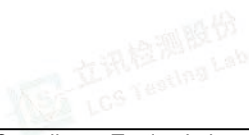
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0976	1.344	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1048	1.366	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0976	1.366	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1053	1.371	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0957	1.369	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1054	1.362	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7167	3.317	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7096	3.104	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7084	3.175	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7030	3.071	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7258	3.112	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7005	3.115	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5216	5.454	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5306	5.364	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5176	5.371	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5363	5.269	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5178	5.364	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5364	5.290	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0050	10.20	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0110	9.986	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0130	10.05	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9884	9.979	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0210	10.37	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0195	10.47	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.526	15.39	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.529	15.37	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.523	15.43	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.515	14.96	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.485	17.44	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.519	15.14	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.034	20.08	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.101	19.82	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.010	20.05	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.064	19.98	PASS





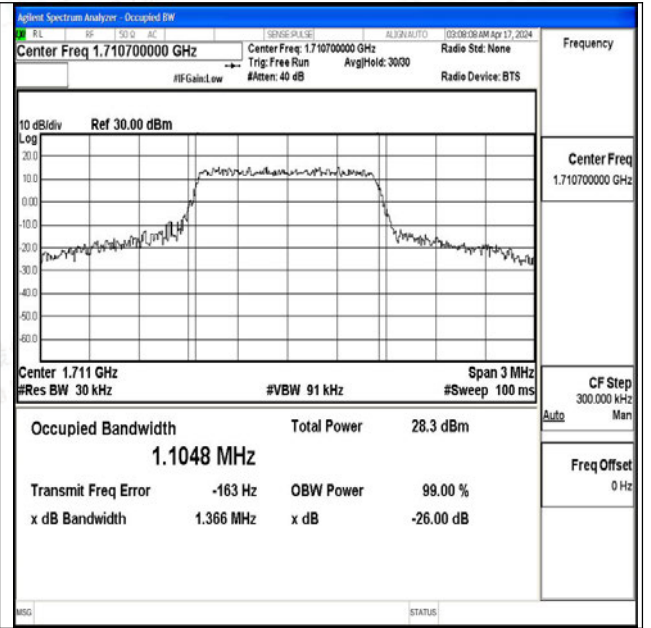
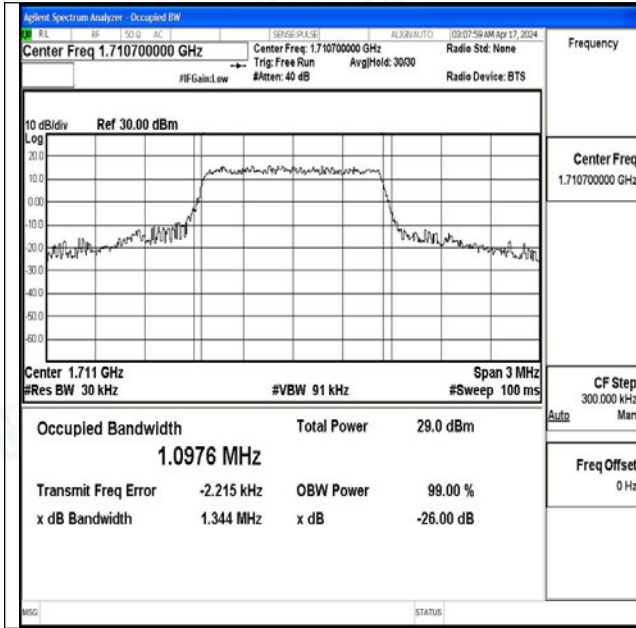
Band4	20MHz	QPSK	20300	100RB#0	18.011	20.60	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.005	20.27	PASS



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

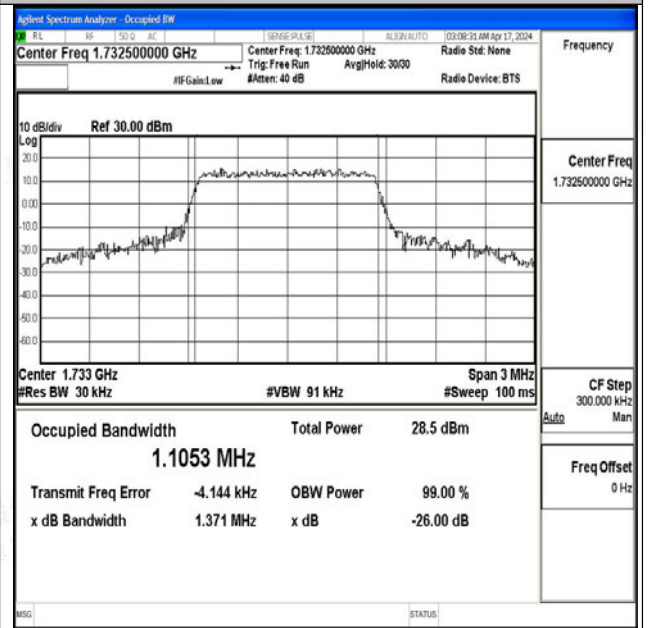
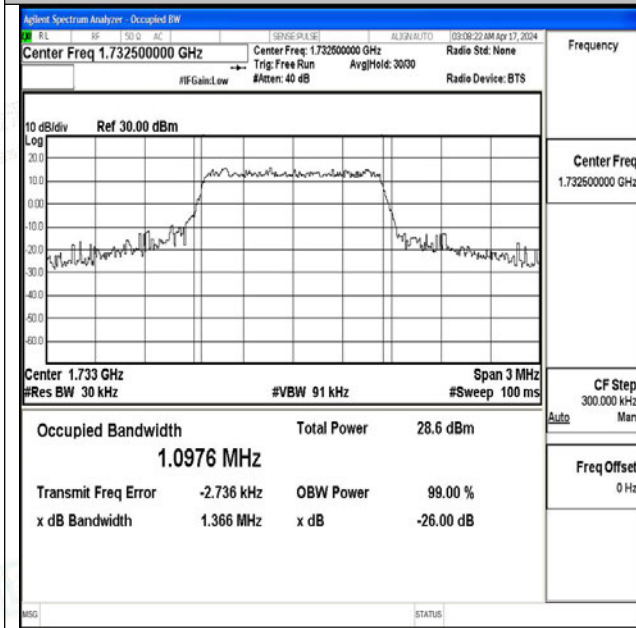


Test Graphs



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

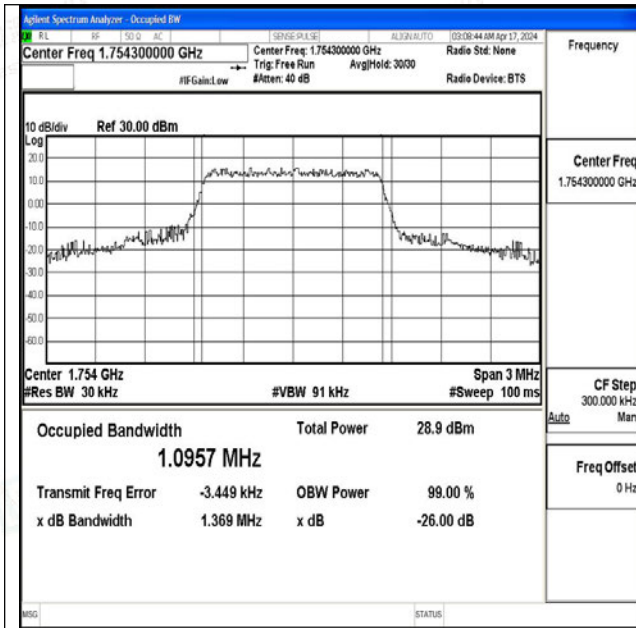
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



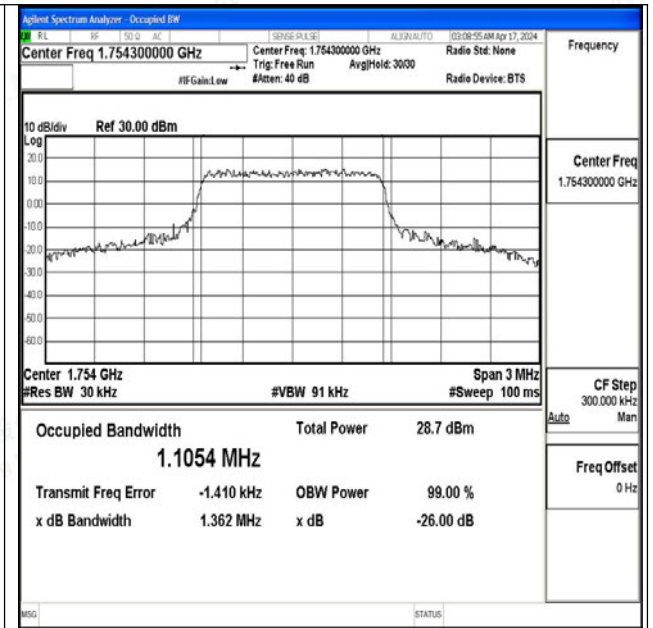
Band4-1.4MHz-QPSK-20175-6RB#0-PASS

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

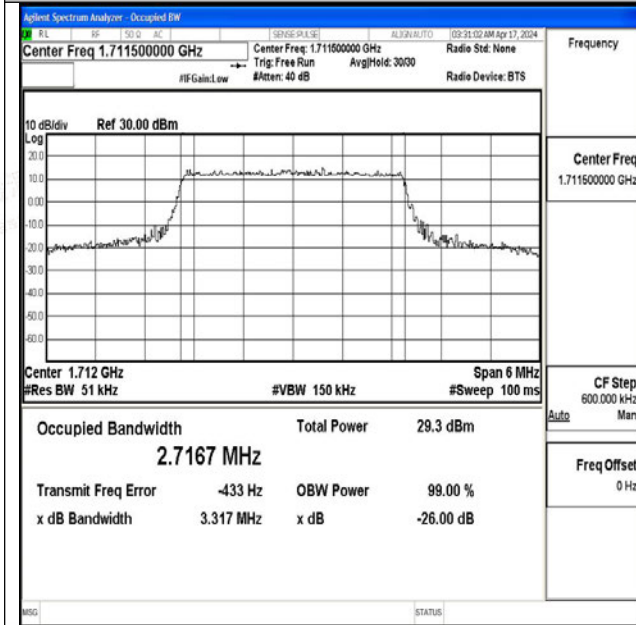




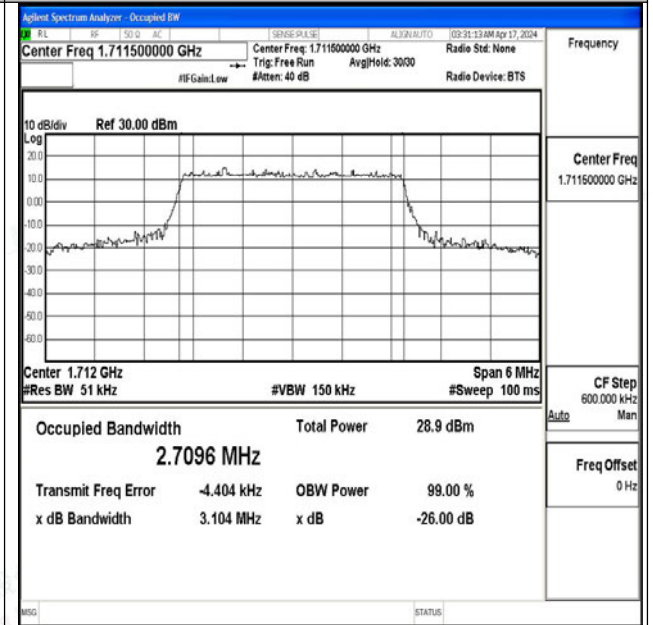
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



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

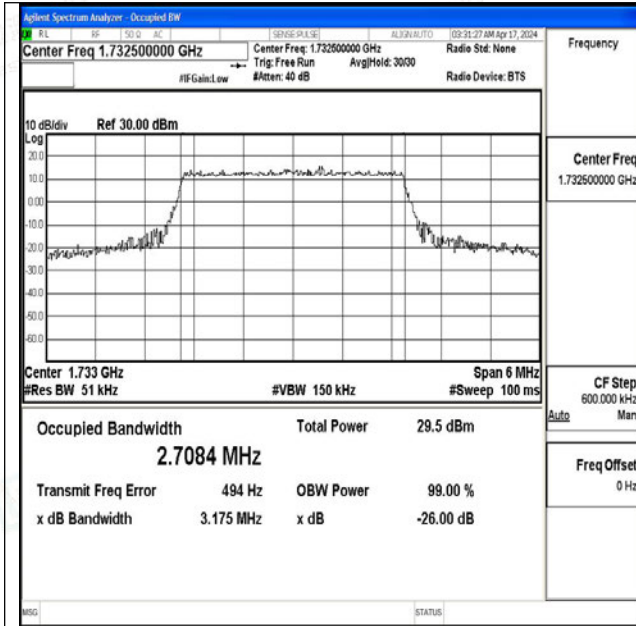


Band4-3MHz-QPSK-19965-15RB#0-PASS

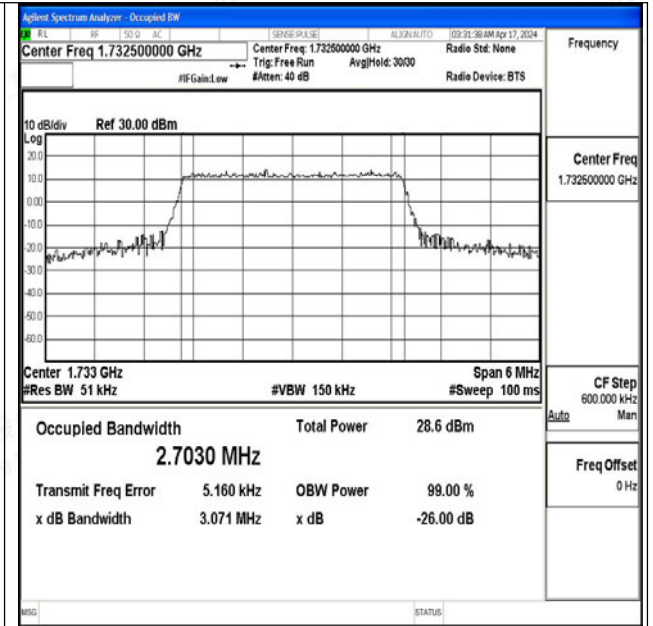


Band4-3MHz-16QAM-19965-15RB#0-PASS

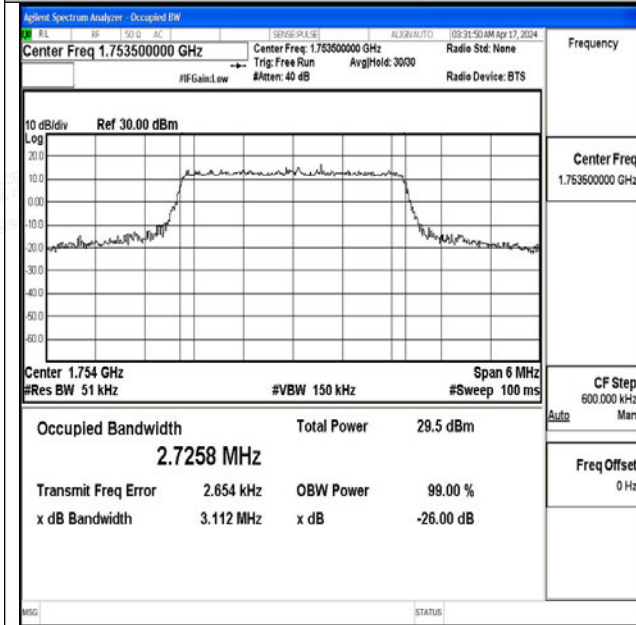




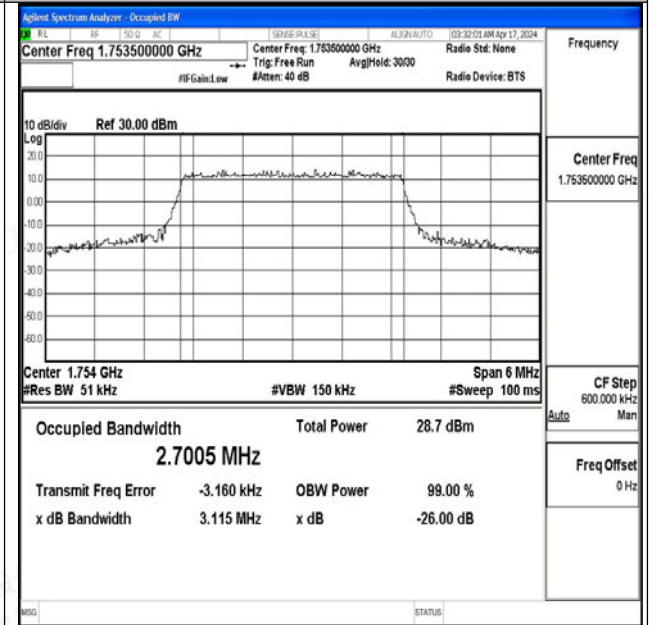
Band4-3MHz-QPSK-20175-15RB#0-PASS



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

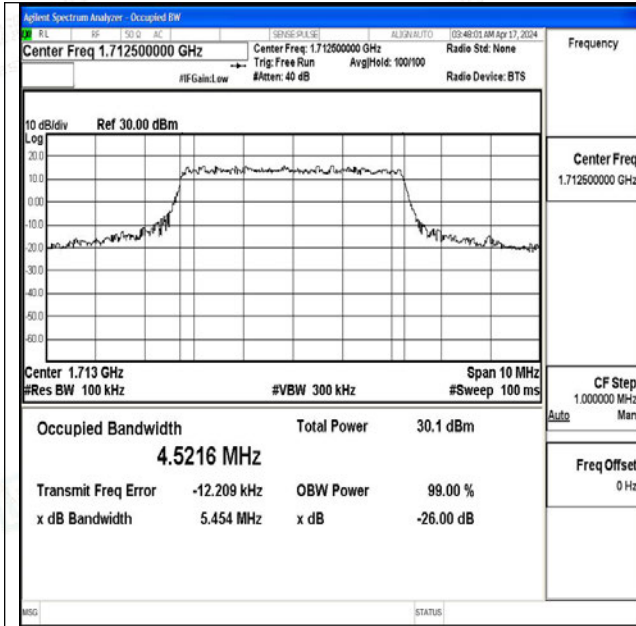


Band4-3MHz-QPSK-20385-15RB#0-PASS

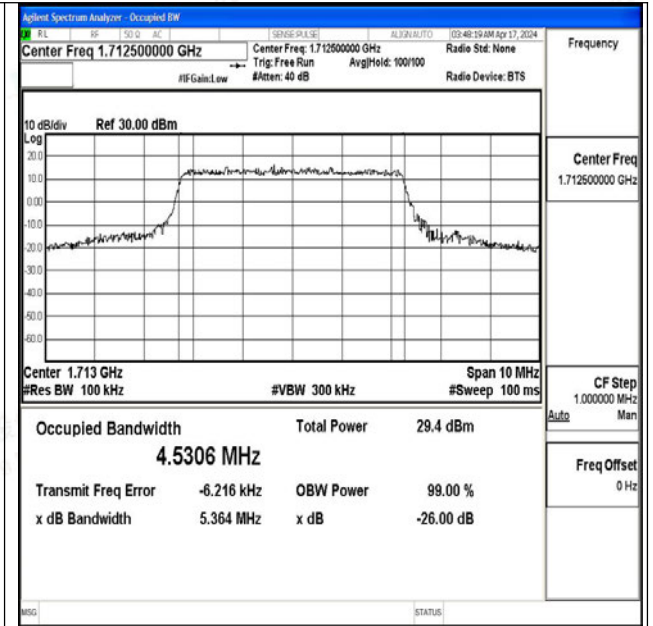


Band4-3MHz-16QAM-20385-15RB#0-PASS

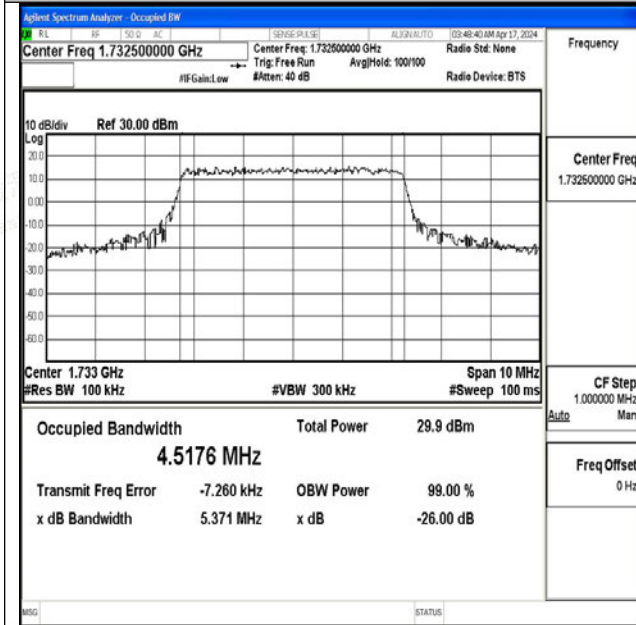




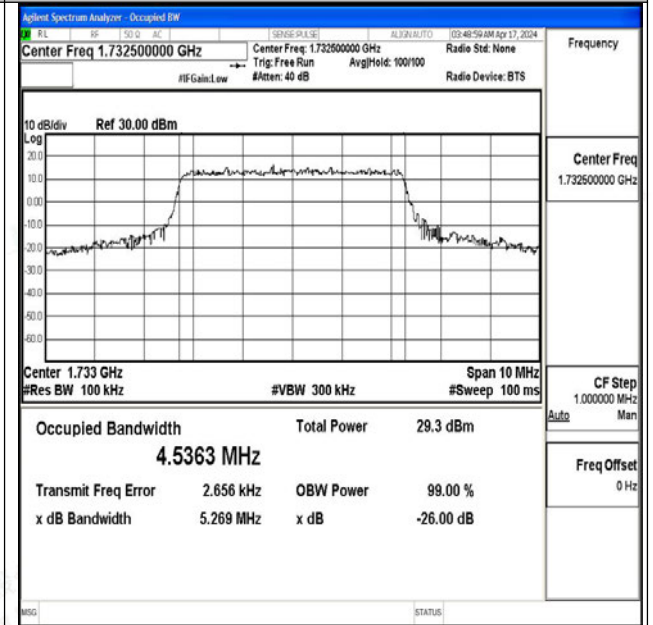
Band4-5MHz-QPSK-19975-25RB#0-PASS



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

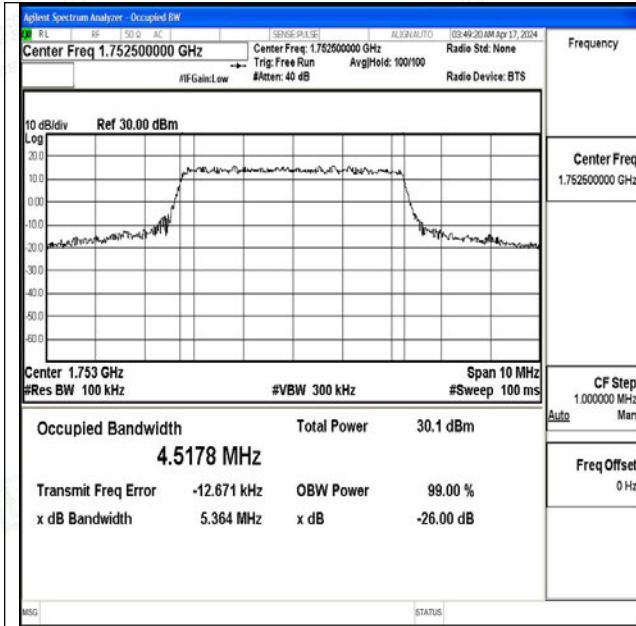


Band4-5MHz-QPSK-20175-25RB#0-PASS

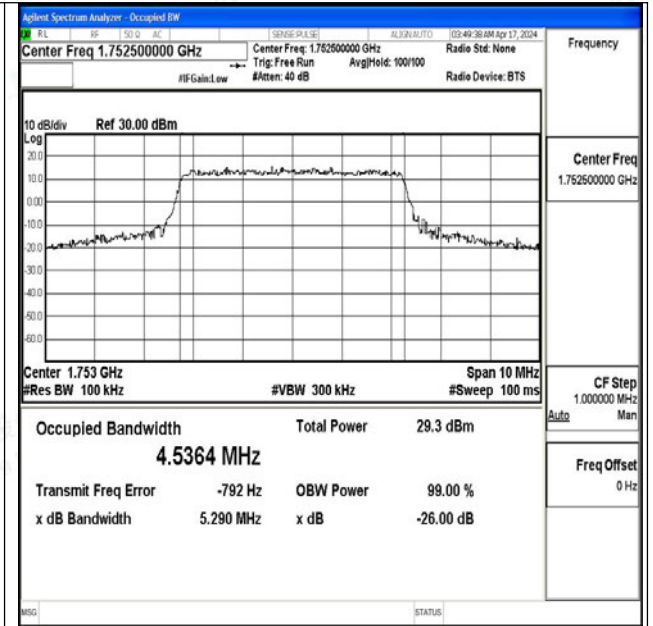


Band4-5MHz-16QAM-20175-25RB#0-PASS

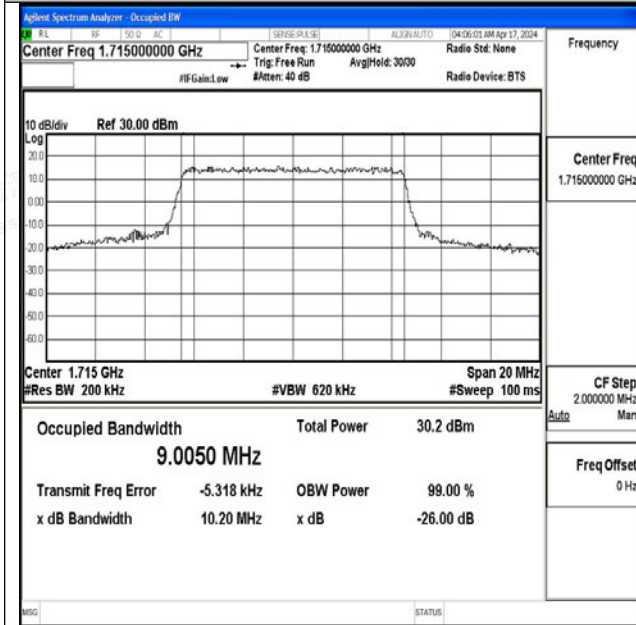




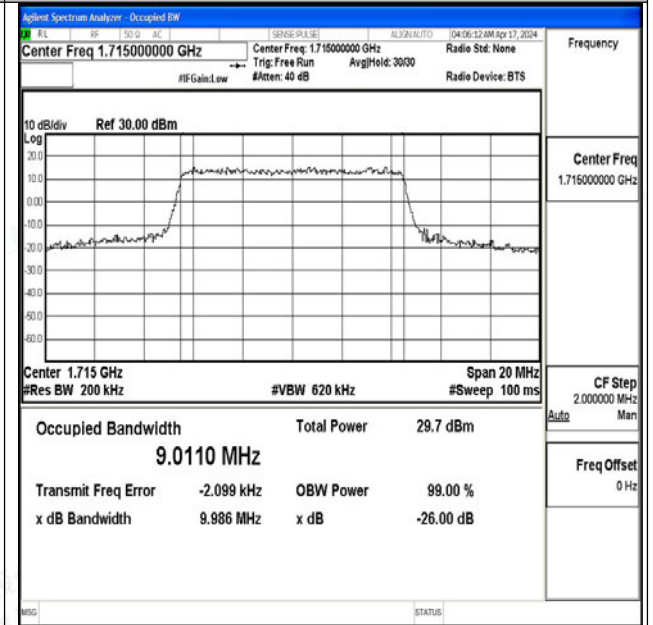
Band4-5MHz-QPSK-20375-25RB#0-PASS



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



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

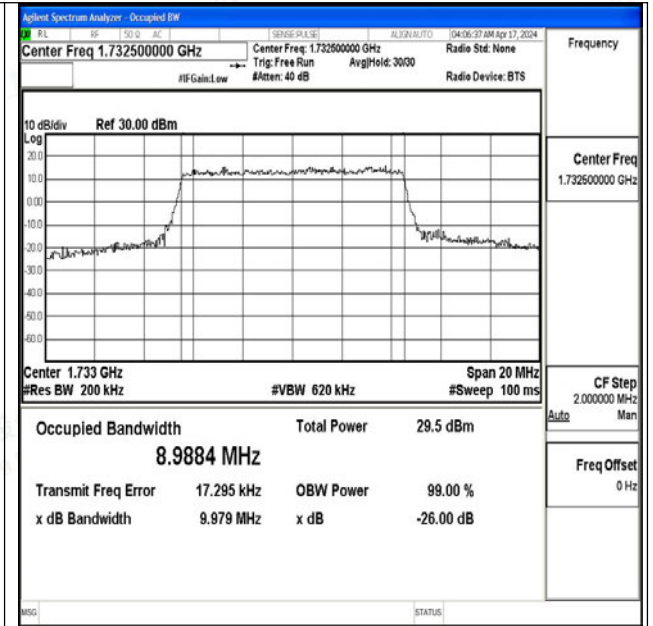


Band4-10MHz-16QAM-20000-50RB#0-PASS





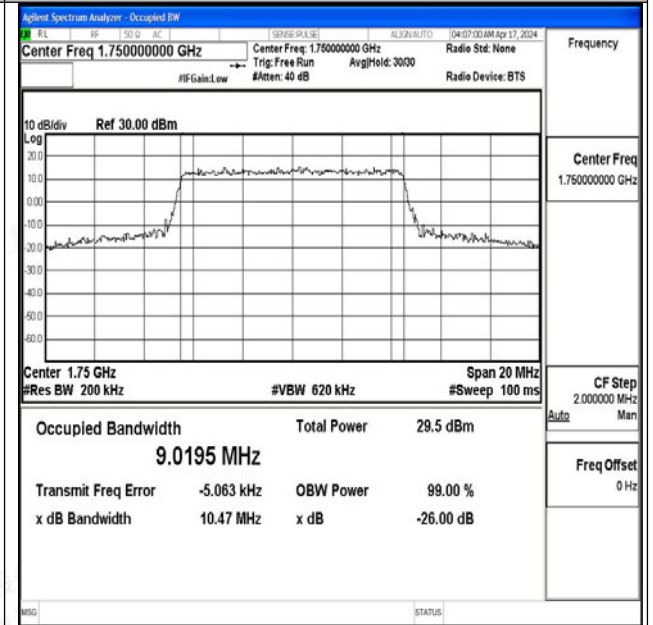
Band4-10MHz-QPSK-20175-50RB#0-PASS



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



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



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

