

Appendix for Band 4

FCC ID: 2ALPLQ110S

Report No.: BCTC2407086293-3E

Applicant: Accutime Watch Corp.

Product Name: Kids Smart Watch

Test Model: HK4254

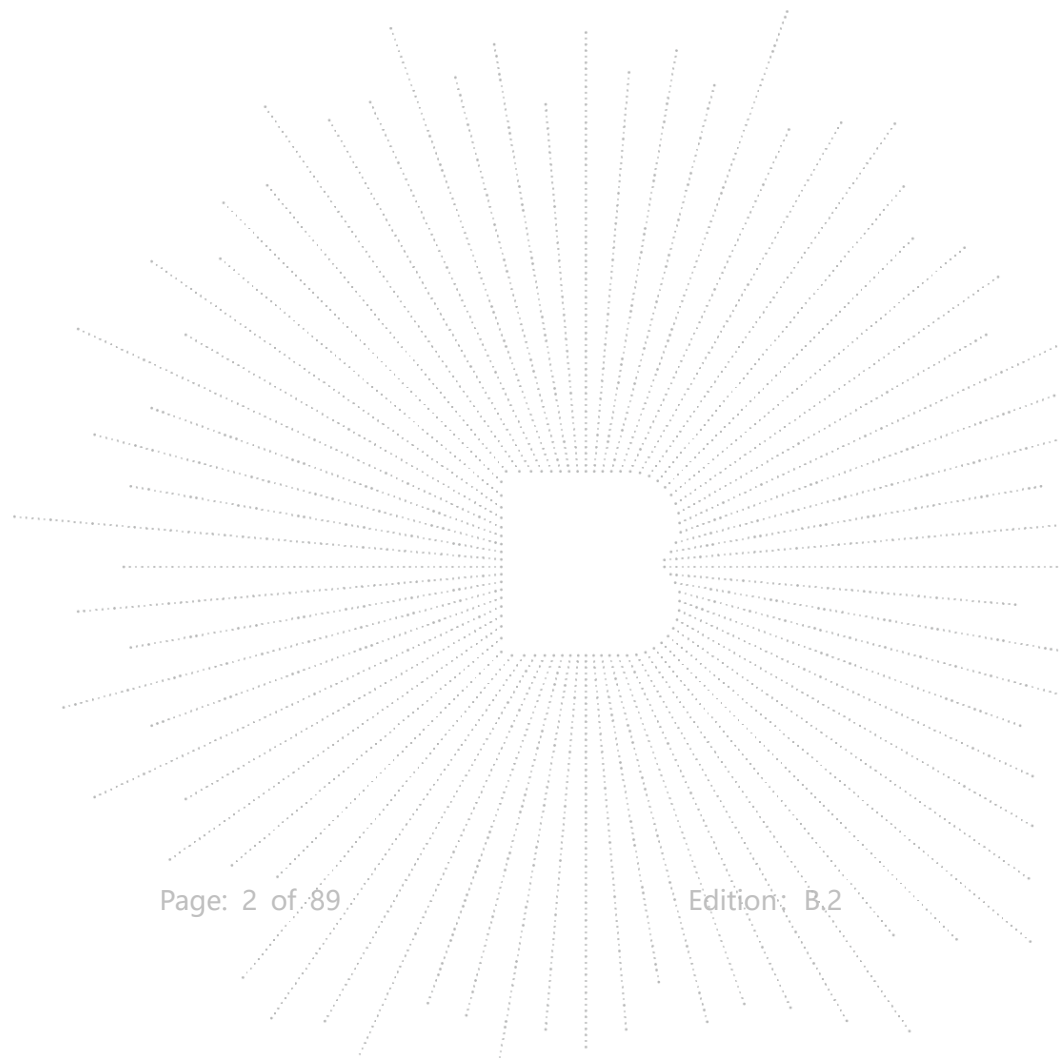
Tested Date: 2024-07-22 to 2024-12-26

Shenzhen BCTC Testing Co., Ltd.



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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.81	-1.53	21.28	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.86	-1.53	21.33	PASS
Band4	1.4	19957	1	#Max	QPSK	22.81	-1.53	21.28	PASS
Band4	1.4	19957	3	#0	QPSK	22.81	-1.53	21.28	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.86	-1.53	21.33	PASS
Band4	1.4	19957	3	#Max	QPSK	22.93	-1.53	21.40	PASS
Band4	1.4	19957	6	#0	QPSK	21.93	-1.53	20.40	PASS
Band4	1.4	19957	1	#0	16QAM	22.57	-1.53	21.04	PASS
Band4	1.4	19957	1	#Mid	16QAM	22.63	-1.53	21.10	PASS
Band4	1.4	19957	1	#Max	16QAM	22.61	-1.53	21.08	PASS
Band4	1.4	19957	3	#0	16QAM	21.97	-1.53	20.44	PASS
Band4	1.4	19957	3	#Mid	16QAM	21.99	-1.53	20.46	PASS
Band4	1.4	19957	3	#Max	16QAM	22.01	-1.53	20.48	PASS
Band4	1.4	19957	6	#0	16QAM	20.98	-1.53	19.45	PASS
Band4	1.4	20175	1	#0	QPSK	22.77	-1.53	21.24	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.81	-1.53	21.28	PASS
Band4	1.4	20175	1	#Max	QPSK	22.88	-1.53	21.35	PASS
Band4	1.4	20175	3	#0	QPSK	22.90	-1.53	21.37	PASS
Band4	1.4	20175	3	#Mid	QPSK	23.00	-1.53	21.47	PASS
Band4	1.4	20175	3	#Max	QPSK	22.90	-1.53	21.37	PASS
Band4	1.4	20175	6	#0	QPSK	21.93	-1.53	20.40	PASS
Band4	1.4	20175	1	#0	16QAM	22.48	-1.53	20.95	PASS
Band4	1.4	20175	1	#Mid	16QAM	22.54	-1.53	21.01	PASS
Band4	1.4	20175	1	#Max	16QAM	22.55	-1.53	21.02	PASS
Band4	1.4	20175	3	#0	16QAM	22.00	-1.53	20.47	PASS
Band4	1.4	20175	3	#Mid	16QAM	21.97	-1.53	20.44	PASS
Band4	1.4	20175	3	#Max	16QAM	21.99	-1.53	20.46	PASS
Band4	1.4	20175	6	#0	16QAM	20.80	-1.53	19.27	PASS
Band4	1.4	20393	1	#0	QPSK	22.98	-1.53	21.45	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.94	-1.53	21.41	PASS
Band4	1.4	20393	1	#Max	QPSK	22.92	-1.53	21.39	PASS
Band4	1.4	20393	3	#0	QPSK	22.79	-1.53	21.26	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.83	-1.53	21.30	PASS
Band4	1.4	20393	3	#Max	QPSK	22.75	-1.53	21.22	PASS
Band4	1.4	20393	6	#0	QPSK	21.75	-1.53	20.22	PASS
Band4	1.4	20393	1	#0	16QAM	22.34	-1.53	20.81	PASS
Band4	1.4	20393	1	#Mid	16QAM	22.31	-1.53	20.78	PASS
Band4	1.4	20393	1	#Max	16QAM	22.26	-1.53	20.73	PASS

Band4	1.4	20393	3	#0	16QAM	22.17	-1.53	20.64	PASS
Band4	1.4	20393	3	#Mid	16QAM	22.17	-1.53	20.64	PASS
Band4	1.4	20393	3	#Max	16QAM	22.11	-1.53	20.58	PASS
Band4	1.4	20393	6	#0	16QAM	20.90	-1.53	19.37	PASS
Band4	3	19965	1	#0	QPSK	22.81	-1.53	21.28	PASS
Band4	3	19965	1	#Mid	QPSK	22.79	-1.53	21.26	PASS
Band4	3	19965	1	#Max	QPSK	22.85	-1.53	21.32	PASS
Band4	3	19965	8	#0	QPSK	21.99	-1.53	20.46	PASS
Band4	3	19965	8	#Mid	QPSK	21.95	-1.53	20.42	PASS
Band4	3	19965	8	#Max	QPSK	21.90	-1.53	20.37	PASS
Band4	3	19965	15	#0	QPSK	21.88	-1.53	20.35	PASS
Band4	3	19965	1	#0	16QAM	22.97	-1.53	21.44	PASS
Band4	3	19965	1	#Mid	16QAM	22.93	-1.53	21.40	PASS
Band4	3	19965	1	#Max	16QAM	22.96	-1.53	21.43	PASS
Band4	3	19965	8	#0	16QAM	20.82	-1.53	19.29	PASS
Band4	3	19965	8	#Mid	16QAM	20.88	-1.53	19.35	PASS
Band4	3	19965	8	#Max	16QAM	20.90	-1.53	19.37	PASS
Band4	3	19965	15	#0	16QAM	21.06	-1.53	19.53	PASS
Band4	3	20175	1	#0	QPSK	22.81	-1.53	21.28	PASS
Band4	3	20175	1	#Mid	QPSK	22.92	-1.53	21.39	PASS
Band4	3	20175	1	#Max	QPSK	22.88	-1.53	21.35	PASS
Band4	3	20175	8	#0	QPSK	21.93	-1.53	20.40	PASS
Band4	3	20175	8	#Mid	QPSK	21.97	-1.53	20.44	PASS
Band4	3	20175	8	#Max	QPSK	21.82	-1.53	20.29	PASS
Band4	3	20175	15	#0	QPSK	21.84	-1.53	20.31	PASS
Band4	3	20175	1	#0	16QAM	22.57	-1.53	21.04	PASS
Band4	3	20175	1	#Mid	16QAM	22.58	-1.53	21.05	PASS
Band4	3	20175	1	#Max	16QAM	22.50	-1.53	20.97	PASS
Band4	3	20175	8	#0	16QAM	21.17	-1.53	19.64	PASS
Band4	3	20175	8	#Mid	16QAM	21.15	-1.53	19.62	PASS
Band4	3	20175	8	#Max	16QAM	21.09	-1.53	19.56	PASS
Band4	3	20175	15	#0	16QAM	20.94	-1.53	19.41	PASS
Band4	3	20385	1	#0	QPSK	22.89	-1.53	21.36	PASS
Band4	3	20385	1	#Mid	QPSK	22.92	-1.53	21.39	PASS
Band4	3	20385	1	#Max	QPSK	22.96	-1.53	21.43	PASS
Band4	3	20385	8	#0	QPSK	21.76	-1.53	20.23	PASS
Band4	3	20385	8	#Mid	QPSK	21.78	-1.53	20.25	PASS
Band4	3	20385	8	#Max	QPSK	21.86	-1.53	20.33	PASS
Band4	3	20385	15	#0	QPSK	21.75	-1.53	20.22	PASS
Band4	3	20385	1	#0	16QAM	22.28	-1.53	20.75	PASS
Band4	3	20385	1	#Mid	16QAM	22.38	-1.53	20.85	PASS
Band4	3	20385	1	#Max	16QAM	22.26	-1.53	20.73	PASS
Band4	3	20385	8	#0	16QAM	20.89	-1.53	19.36	PASS

Band4	3	20385	8	#Mid	16QAM	20.93	-1.53	19.40	PASS
Band4	3	20385	8	#Max	16QAM	20.88	-1.53	19.35	PASS
Band4	3	20385	15	#0	16QAM	20.85	-1.53	19.32	PASS
Band4	5	19975	1	#0	QPSK	22.74	-1.53	21.21	PASS
Band4	5	19975	1	#Mid	QPSK	22.75	-1.53	21.22	PASS
Band4	5	19975	1	#Max	QPSK	22.72	-1.53	21.19	PASS
Band4	5	19975	12	#0	QPSK	21.89	-1.53	20.36	PASS
Band4	5	19975	12	#Mid	QPSK	21.95	-1.53	20.42	PASS
Band4	5	19975	12	#Max	QPSK	21.89	-1.53	20.36	PASS
Band4	5	19975	25	#0	QPSK	21.91	-1.53	20.38	PASS
Band4	5	19975	1	#0	16QAM	22.14	-1.53	20.61	PASS
Band4	5	19975	1	#Mid	16QAM	22.11	-1.53	20.58	PASS
Band4	5	19975	1	#Max	16QAM	22.12	-1.53	20.59	PASS
Band4	5	19975	12	#0	16QAM	20.86	-1.53	19.33	PASS
Band4	5	19975	12	#Mid	16QAM	20.92	-1.53	19.39	PASS
Band4	5	19975	12	#Max	16QAM	20.91	-1.53	19.38	PASS
Band4	5	19975	25	#0	16QAM	20.97	-1.53	19.44	PASS
Band4	5	20175	1	#0	QPSK	22.88	-1.53	21.35	PASS
Band4	5	20175	1	#Mid	QPSK	22.96	-1.53	21.43	PASS
Band4	5	20175	1	#Max	QPSK	22.93	-1.53	21.40	PASS
Band4	5	20175	12	#0	QPSK	21.82	-1.53	20.29	PASS
Band4	5	20175	12	#Mid	QPSK	21.95	-1.53	20.42	PASS
Band4	5	20175	12	#Max	QPSK	21.90	-1.53	20.37	PASS
Band4	5	20175	25	#0	QPSK	21.96	-1.53	20.43	PASS
Band4	5	20175	1	#0	16QAM	21.52	-1.53	19.99	PASS
Band4	5	20175	1	#Mid	16QAM	21.58	-1.53	20.05	PASS
Band4	5	20175	1	#Max	16QAM	21.67	-1.53	20.14	PASS
Band4	5	20175	12	#0	16QAM	20.89	-1.53	19.36	PASS
Band4	5	20175	12	#Mid	16QAM	20.79	-1.53	19.26	PASS
Band4	5	20175	12	#Max	16QAM	20.83	-1.53	19.30	PASS
Band4	5	20175	25	#0	16QAM	21.00	-1.53	19.47	PASS
Band4	5	20375	1	#0	QPSK	22.66	-1.53	21.13	PASS
Band4	5	20375	1	#Mid	QPSK	22.53	-1.53	21.00	PASS
Band4	5	20375	1	#Max	QPSK	22.66	-1.53	21.13	PASS
Band4	5	20375	12	#0	QPSK	21.76	-1.53	20.23	PASS
Band4	5	20375	12	#Mid	QPSK	21.87	-1.53	20.34	PASS
Band4	5	20375	12	#Max	QPSK	21.71	-1.53	20.18	PASS
Band4	5	20375	25	#0	QPSK	21.75	-1.53	20.22	PASS
Band4	5	20375	1	#0	16QAM	22.07	-1.53	20.54	PASS
Band4	5	20375	1	#Mid	16QAM	22.09	-1.53	20.56	PASS
Band4	5	20375	1	#Max	16QAM	22.10	-1.53	20.57	PASS
Band4	5	20375	12	#0	16QAM	20.89	-1.53	19.36	PASS
Band4	5	20375	12	#Mid	16QAM	20.82	-1.53	19.29	PASS

Band4	5	20375	12	#Max	16QAM	20.84	-1.53	19.31	PASS
Band4	5	20375	25	#0	16QAM	20.84	-1.53	19.31	PASS
Band4	10	20000	1	#0	QPSK	22.91	-1.53	21.38	PASS
Band4	10	20000	1	#Mid	QPSK	22.83	-1.53	21.30	PASS
Band4	10	20000	1	#Max	QPSK	22.89	-1.53	21.36	PASS
Band4	10	20000	25	#0	QPSK	21.96	-1.53	20.43	PASS
Band4	10	20000	25	#Mid	QPSK	21.90	-1.53	20.37	PASS
Band4	10	20000	25	#Max	QPSK	21.82	-1.53	20.29	PASS
Band4	10	20000	50	#0	QPSK	21.91	-1.53	20.38	PASS
Band4	10	20000	1	#0	16QAM	23.02	-1.53	21.49	PASS
Band4	10	20000	1	#Mid	16QAM	23.02	-1.53	21.49	PASS
Band4	10	20000	1	#Max	16QAM	23.05	-1.53	21.52	PASS
Band4	10	20000	25	#0	16QAM	20.88	-1.53	19.35	PASS
Band4	10	20000	25	#Mid	16QAM	20.94	-1.53	19.41	PASS
Band4	10	20000	25	#Max	16QAM	20.94	-1.53	19.41	PASS
Band4	10	20000	50	#0	16QAM	21.00	-1.53	19.47	PASS
Band4	10	20175	1	#0	QPSK	22.91	-1.53	21.38	PASS
Band4	10	20175	1	#Mid	QPSK	22.96	-1.53	21.43	PASS
Band4	10	20175	1	#Max	QPSK	22.93	-1.53	21.40	PASS
Band4	10	20175	25	#0	QPSK	21.81	-1.53	20.28	PASS
Band4	10	20175	25	#Mid	QPSK	21.93	-1.53	20.40	PASS
Band4	10	20175	25	#Max	QPSK	21.88	-1.53	20.35	PASS
Band4	10	20175	50	#0	QPSK	21.87	-1.53	20.34	PASS
Band4	10	20175	1	#0	16QAM	21.95	-1.53	20.42	PASS
Band4	10	20175	1	#Mid	16QAM	22.01	-1.53	20.48	PASS
Band4	10	20175	1	#Max	16QAM	22.01	-1.53	20.48	PASS
Band4	10	20175	25	#0	16QAM	20.98	-1.53	19.45	PASS
Band4	10	20175	25	#Mid	16QAM	21.00	-1.53	19.47	PASS
Band4	10	20175	25	#Max	16QAM	21.03	-1.53	19.50	PASS
Band4	10	20175	50	#0	16QAM	20.99	-1.53	19.46	PASS
Band4	10	20350	1	#0	QPSK	23.05	-1.53	21.52	PASS
Band4	10	20350	1	#Mid	QPSK	22.97	-1.53	21.44	PASS
Band4	10	20350	1	#Max	QPSK	22.98	-1.53	21.45	PASS
Band4	10	20350	25	#0	QPSK	21.92	-1.53	20.39	PASS
Band4	10	20350	25	#Mid	QPSK	21.90	-1.53	20.37	PASS
Band4	10	20350	25	#Max	QPSK	21.76	-1.53	20.23	PASS
Band4	10	20350	50	#0	QPSK	21.90	-1.53	20.37	PASS
Band4	10	20350	1	#0	16QAM	22.13	-1.53	20.60	PASS
Band4	10	20350	1	#Mid	16QAM	22.13	-1.53	20.60	PASS
Band4	10	20350	1	#Max	16QAM	22.13	-1.53	20.60	PASS
Band4	10	20350	25	#0	16QAM	20.93	-1.53	19.40	PASS
Band4	10	20350	25	#Mid	16QAM	20.99	-1.53	19.46	PASS
Band4	10	20350	25	#Max	16QAM	20.91	-1.53	19.38	PASS

Band4	10	20350	50	#0	16QAM	20.89	-1.53	19.36	PASS
Band4	15	20025	1	#0	QPSK	22.80	-1.53	21.27	PASS
Band4	15	20025	1	#Mid	QPSK	22.81	-1.53	21.28	PASS
Band4	15	20025	1	#Max	QPSK	22.78	-1.53	21.25	PASS
Band4	15	20025	36	#0	QPSK	21.90	-1.53	20.37	PASS
Band4	15	20025	36	#Mid	QPSK	21.97	-1.53	20.44	PASS
Band4	15	20025	36	#Max	QPSK	21.80	-1.53	20.27	PASS
Band4	15	20025	75	#0	QPSK	21.95	-1.53	20.42	PASS
Band4	15	20025	1	#0	16QAM	22.96	-1.53	21.43	PASS
Band4	15	20025	1	#Mid	16QAM	22.94	-1.53	21.41	PASS
Band4	15	20025	1	#Max	16QAM	22.95	-1.53	21.42	PASS
Band4	15	20025	36	#0	16QAM	21.16	-1.53	19.63	PASS
Band4	15	20025	36	#Mid	16QAM	21.16	-1.53	19.63	PASS
Band4	15	20025	36	#Max	16QAM	21.24	-1.53	19.71	PASS
Band4	15	20025	75	#0	16QAM	21.14	-1.53	19.61	PASS
Band4	15	20175	1	#0	QPSK	22.92	-1.53	21.39	PASS
Band4	15	20175	1	#Mid	QPSK	23.03	-1.53	21.50	PASS
Band4	15	20175	1	#Max	QPSK	22.99	-1.53	21.46	PASS
Band4	15	20175	36	#0	QPSK	21.91	-1.53	20.38	PASS
Band4	15	20175	36	#Mid	QPSK	21.91	-1.53	20.38	PASS
Band4	15	20175	36	#Max	QPSK	21.92	-1.53	20.39	PASS
Band4	15	20175	75	#0	QPSK	21.99	-1.53	20.46	PASS
Band4	15	20175	1	#0	16QAM	21.97	-1.53	20.44	PASS
Band4	15	20175	1	#Mid	16QAM	21.95	-1.53	20.42	PASS
Band4	15	20175	1	#Max	16QAM	21.95	-1.53	20.42	PASS
Band4	15	20175	36	#0	16QAM	21.25	-1.53	19.72	PASS
Band4	15	20175	36	#Mid	16QAM	21.06	-1.53	19.53	PASS
Band4	15	20175	36	#Max	16QAM	21.06	-1.53	19.53	PASS
Band4	15	20175	75	#0	16QAM	20.92	-1.53	19.39	PASS
Band4	15	20325	1	#0	QPSK	23.12	-1.53	21.59	PASS
Band4	15	20325	1	#Mid	QPSK	23.03	-1.53	21.50	PASS
Band4	15	20325	1	#Max	QPSK	23.04	-1.53	21.51	PASS
Band4	15	20325	36	#0	QPSK	21.85	-1.53	20.32	PASS
Band4	15	20325	36	#Mid	QPSK	21.94	-1.53	20.41	PASS
Band4	15	20325	36	#Max	QPSK	21.78	-1.53	20.25	PASS
Band4	15	20325	75	#0	QPSK	21.87	-1.53	20.34	PASS
Band4	15	20325	1	#0	16QAM	22.52	-1.53	20.99	PASS
Band4	15	20325	1	#Mid	16QAM	22.44	-1.53	20.91	PASS
Band4	15	20325	1	#Max	16QAM	22.44	-1.53	20.91	PASS
Band4	15	20325	36	#0	16QAM	20.95	-1.53	19.42	PASS
Band4	15	20325	36	#Mid	16QAM	21.00	-1.53	19.47	PASS
Band4	15	20325	36	#Max	16QAM	20.92	-1.53	19.39	PASS
Band4	15	20325	75	#0	16QAM	20.92	-1.53	19.39	PASS

Band4	20	20050	1	#0	QPSK	22.85	-1.53	21.32	PASS
Band4	20	20050	1	#Mid	QPSK	22.89	-1.53	21.36	PASS
Band4	20	20050	1	#Max	QPSK	22.88	-1.53	21.35	PASS
Band4	20	20050	50	#0	QPSK	21.93	-1.53	20.40	PASS
Band4	20	20050	50	#Mid	QPSK	21.82	-1.53	20.29	PASS
Band4	20	20050	50	#Max	QPSK	21.83	-1.53	20.30	PASS
Band4	20	20050	100	#0	QPSK	21.93	-1.53	20.40	PASS
Band4	20	20050	1	#0	16QAM	21.62	-1.53	20.09	PASS
Band4	20	20050	1	#Mid	16QAM	21.54	-1.53	20.01	PASS
Band4	20	20050	1	#Max	16QAM	21.49	-1.53	19.96	PASS
Band4	20	20050	50	#0	16QAM	21.20	-1.53	19.67	PASS
Band4	20	20050	50	#Mid	16QAM	21.24	-1.53	19.71	PASS
Band4	20	20050	50	#Max	16QAM	21.02	-1.53	19.49	PASS
Band4	20	20050	100	#0	16QAM	21.12	-1.53	19.59	PASS
Band4	20	20175	1	#0	QPSK	22.90	-1.53	21.37	PASS
Band4	20	20175	1	#Mid	QPSK	23.00	-1.53	21.47	PASS
Band4	20	20175	1	#Max	QPSK	23.00	-1.53	21.47	PASS
Band4	20	20175	50	#0	QPSK	21.82	-1.53	20.29	PASS
Band4	20	20175	50	#Mid	QPSK	21.91	-1.53	20.38	PASS
Band4	20	20175	50	#Max	QPSK	21.96	-1.53	20.43	PASS
Band4	20	20175	100	#0	QPSK	21.86	-1.53	20.33	PASS
Band4	20	20175	1	#0	16QAM	22.03	-1.53	20.50	PASS
Band4	20	20175	1	#Mid	16QAM	22.01	-1.53	20.48	PASS
Band4	20	20175	1	#Max	16QAM	22.11	-1.53	20.58	PASS
Band4	20	20175	50	#0	16QAM	21.02	-1.53	19.49	PASS
Band4	20	20175	50	#Mid	16QAM	21.05	-1.53	19.52	PASS
Band4	20	20175	50	#Max	16QAM	21.04	-1.53	19.51	PASS
Band4	20	20175	100	#0	16QAM	20.94	-1.53	19.41	PASS
Band4	20	20300	1	#0	QPSK	23.06	-1.53	21.53	PASS
Band4	20	20300	1	#Mid	QPSK	23.07	-1.53	21.54	PASS
Band4	20	20300	1	#Max	QPSK	22.98	-1.53	21.45	PASS
Band4	20	20300	50	#0	QPSK	21.88	-1.53	20.35	PASS
Band4	20	20300	50	#Mid	QPSK	21.84	-1.53	20.31	PASS
Band4	20	20300	50	#Max	QPSK	21.81	-1.53	20.28	PASS
Band4	20	20300	100	#0	QPSK	21.94	-1.53	20.41	PASS
Band4	20	20300	1	#0	16QAM	22.09	-1.53	20.56	PASS
Band4	20	20300	1	#Mid	16QAM	22.03	-1.53	20.50	PASS
Band4	20	20300	1	#Max	16QAM	21.90	-1.53	20.37	PASS
Band4	20	20300	50	#0	16QAM	20.97	-1.53	19.44	PASS
Band4	20	20300	50	#Mid	16QAM	20.94	-1.53	19.41	PASS
Band4	20	20300	50	#Max	16QAM	20.92	-1.53	19.39	PASS
Band4	20	20300	100	#0	16QAM	21.00	-1.53	19.47	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	LV	NT	22.17	0.013	PASS
Band4	1.4	19957	6	#0	QPSK	NV	NT	35.76	0.021	PASS
Band4	1.4	19957	6	#0	QPSK	HV	NT	16.68	0.010	PASS
Band4	1.4	19957	6	#0	16QAM	LV	NT	27.88	0.016	PASS
Band4	1.4	19957	6	#0	16QAM	NV	NT	-18.21	-0.011	PASS
Band4	1.4	19957	6	#0	16QAM	HV	NT	-17.72	-0.010	PASS
Band4	1.4	20175	6	#0	QPSK	LV	NT	14.58	0.008	PASS
Band4	1.4	20175	6	#0	QPSK	NV	NT	11.52	0.007	PASS
Band4	1.4	20175	6	#0	QPSK	HV	NT	8.83	0.005	PASS
Band4	1.4	20175	6	#0	16QAM	LV	NT	-0.39	0.000	PASS
Band4	1.4	20175	6	#0	16QAM	NV	NT	-14.65	-0.008	PASS
Band4	1.4	20175	6	#0	16QAM	HV	NT	-34.85	-0.020	PASS
Band4	1.4	20393	6	#0	QPSK	LV	NT	10.17	0.006	PASS
Band4	1.4	20393	6	#0	QPSK	NV	NT	2.47	0.001	PASS
Band4	1.4	20393	6	#0	QPSK	HV	NT	-10.43	-0.006	PASS
Band4	1.4	20393	6	#0	16QAM	LV	NT	-37.69	-0.021	PASS
Band4	1.4	20393	6	#0	16QAM	NV	NT	-35.85	-0.020	PASS
Band4	1.4	20393	6	#0	16QAM	HV	NT	-35.45	-0.020	PASS
Band4	3	19965	15	#0	QPSK	LV	NT	-18.85	-0.011	PASS
Band4	3	19965	15	#0	QPSK	NV	NT	-27.75	-0.016	PASS
Band4	3	19965	15	#0	QPSK	HV	NT	-34.05	-0.020	PASS
Band4	3	19965	15	#0	16QAM	LV	NT	-33.93	-0.020	PASS
Band4	3	19965	15	#0	16QAM	NV	NT	-35.23	-0.021	PASS
Band4	3	19965	15	#0	16QAM	HV	NT	-16.65	-0.010	PASS
Band4	3	20175	15	#0	QPSK	LV	NT	-34.86	-0.020	PASS
Band4	3	20175	15	#0	QPSK	NV	NT	-29.90	-0.017	PASS
Band4	3	20175	15	#0	QPSK	HV	NT	-29.68	-0.017	PASS
Band4	3	20175	15	#0	16QAM	LV	NT	-15.75	-0.009	PASS
Band4	3	20175	15	#0	16QAM	NV	NT	-32.82	-0.019	PASS
Band4	3	20175	15	#0	16QAM	HV	NT	-34.99	-0.020	PASS
Band4	3	20385	15	#0	QPSK	LV	NT	-33.60	-0.019	PASS
Band4	3	20385	15	#0	QPSK	NV	NT	-22.67	-0.013	PASS
Band4	3	20385	15	#0	QPSK	HV	NT	-25.43	-0.015	PASS
Band4	3	20385	15	#0	16QAM	LV	NT	-26.18	-0.015	PASS
Band4	3	20385	15	#0	16QAM	NV	NT	-35.23	-0.020	PASS
Band4	3	20385	15	#0	16QAM	HV	NT	-27.14	-0.015	PASS
Band4	5	19975	25	#0	QPSK	LV	NT	-19.78	-0.012	PASS
Band4	5	19975	25	#0	QPSK	NV	NT	-27.27	-0.016	PASS

Band4	5	19975	25	#0	QPSK	HV	NT	-27.95	-0.016	PASS
Band4	5	19975	25	#0	16QAM	LV	NT	-20.57	-0.012	PASS
Band4	5	19975	25	#0	16QAM	NV	NT	-31.00	-0.018	PASS
Band4	5	19975	25	#0	16QAM	HV	NT	-25.41	-0.015	PASS
Band4	5	20175	25	#0	QPSK	LV	NT	-31.69	-0.018	PASS
Band4	5	20175	25	#0	QPSK	NV	NT	-29.57	-0.017	PASS
Band4	5	20175	25	#0	QPSK	HV	NT	-20.26	-0.012	PASS
Band4	5	20175	25	#0	16QAM	LV	NT	-31.70	-0.018	PASS
Band4	5	20175	25	#0	16QAM	NV	NT	-36.69	-0.021	PASS
Band4	5	20175	25	#0	16QAM	HV	NT	-24.39	-0.014	PASS
Band4	5	20375	25	#0	QPSK	LV	NT	-29.30	-0.017	PASS
Band4	5	20375	25	#0	QPSK	NV	NT	-24.12	-0.014	PASS
Band4	5	20375	25	#0	QPSK	HV	NT	-22.44	-0.013	PASS
Band4	5	20375	25	#0	16QAM	LV	NT	-23.37	-0.013	PASS
Band4	5	20375	25	#0	16QAM	NV	NT	-21.80	-0.012	PASS
Band4	5	20375	25	#0	16QAM	HV	NT	-25.23	-0.014	PASS
Band4	10	20000	50	#0	QPSK	LV	NT	-31.10	-0.018	PASS
Band4	10	20000	50	#0	QPSK	NV	NT	-20.50	-0.012	PASS
Band4	10	20000	50	#0	QPSK	HV	NT	-15.05	-0.009	PASS
Band4	10	20000	50	#0	16QAM	LV	NT	-26.02	-0.015	PASS
Band4	10	20000	50	#0	16QAM	NV	NT	-22.03	-0.013	PASS
Band4	10	20000	50	#0	16QAM	HV	NT	-35.69	-0.021	PASS
Band4	10	20175	50	#0	QPSK	LV	NT	-31.97	-0.018	PASS
Band4	10	20175	50	#0	QPSK	NV	NT	-21.59	-0.012	PASS
Band4	10	20175	50	#0	QPSK	HV	NT	-24.99	-0.014	PASS
Band4	10	20175	50	#0	16QAM	LV	NT	-23.30	-0.013	PASS
Band4	10	20175	50	#0	16QAM	NV	NT	-33.76	-0.019	PASS
Band4	10	20175	50	#0	16QAM	HV	NT	-13.59	-0.008	PASS
Band4	10	20350	50	#0	QPSK	LV	NT	-26.05	-0.015	PASS
Band4	10	20350	50	#0	QPSK	NV	NT	-32.60	-0.019	PASS
Band4	10	20350	50	#0	QPSK	HV	NT	-20.86	-0.012	PASS
Band4	10	20350	50	#0	16QAM	LV	NT	-1.56	-0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	NT	-25.73	-0.015	PASS
Band4	10	20350	50	#0	16QAM	HV	NT	-24.46	-0.014	PASS
Band4	15	20025	75	#0	QPSK	LV	NT	-38.64	-0.022	PASS
Band4	15	20025	75	#0	QPSK	NV	NT	-23.36	-0.014	PASS
Band4	15	20025	75	#0	QPSK	HV	NT	-15.06	-0.009	PASS
Band4	15	20025	75	#0	16QAM	LV	NT	-26.04	-0.015	PASS
Band4	15	20025	75	#0	16QAM	NV	NT	-24.36	-0.014	PASS
Band4	15	20025	75	#0	16QAM	HV	NT	-26.75	-0.016	PASS
Band4	15	20175	75	#0	QPSK	LV	NT	-28.87	-0.017	PASS
Band4	15	20175	75	#0	QPSK	NV	NT	-17.71	-0.010	PASS
Band4	15	20175	75	#0	QPSK	HV	NT	-24.50	-0.014	PASS

Band4	15	20175	75	#0	16QAM	LV	NT	-20.57	-0.012	PASS
Band4	15	20175	75	#0	16QAM	NV	NT	-30.23	-0.017	PASS
Band4	15	20175	75	#0	16QAM	HV	NT	-25.99	-0.015	PASS
Band4	15	20325	75	#0	QPSK	LV	NT	-13.59	-0.008	PASS
Band4	15	20325	75	#0	QPSK	NV	NT	-22.09	-0.013	PASS
Band4	15	20325	75	#0	QPSK	HV	NT	-21.62	-0.012	PASS
Band4	15	20325	75	#0	16QAM	LV	NT	-33.22	-0.019	PASS
Band4	15	20325	75	#0	16QAM	NV	NT	-9.81	-0.006	PASS
Band4	15	20325	75	#0	16QAM	HV	NT	-21.83	-0.012	PASS
Band4	20	20050	100	#0	QPSK	LV	NT	-24.13	-0.014	PASS
Band4	20	20050	100	#0	QPSK	NV	NT	-20.03	-0.012	PASS
Band4	20	20050	100	#0	QPSK	HV	NT	-19.51	-0.011	PASS
Band4	20	20050	100	#0	16QAM	LV	NT	-27.19	-0.016	PASS
Band4	20	20050	100	#0	16QAM	NV	NT	-23.96	-0.014	PASS
Band4	20	20050	100	#0	16QAM	HV	NT	-28.78	-0.017	PASS
Band4	20	20175	100	#0	QPSK	LV	NT	-23.45	-0.014	PASS
Band4	20	20175	100	#0	QPSK	NV	NT	-20.13	-0.012	PASS
Band4	20	20175	100	#0	QPSK	HV	NT	-28.24	-0.016	PASS
Band4	20	20175	100	#0	16QAM	LV	NT	-31.41	-0.018	PASS
Band4	20	20175	100	#0	16QAM	NV	NT	-31.14	-0.018	PASS
Band4	20	20175	100	#0	16QAM	HV	NT	-9.66	-0.006	PASS
Band4	20	20300	100	#0	QPSK	LV	NT	-29.37	-0.017	PASS
Band4	20	20300	100	#0	QPSK	NV	NT	-22.12	-0.013	PASS
Band4	20	20300	100	#0	QPSK	HV	NT	-18.81	-0.011	PASS
Band4	20	20300	100	#0	16QAM	LV	NT	-14.45	-0.008	PASS
Band4	20	20300	100	#0	16QAM	NV	NT	-12.99	-0.007	PASS
Band4	20	20300	100	#0	16QAM	HV	NT	-12.89	-0.007	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	NV	-30	-4.88	-0.003	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-20	-12.02	-0.007	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-10	-20.80	-0.012	PASS
Band4	1.4	19957	6	#0	QPSK	NV	0	-27.68	-0.016	PASS
Band4	1.4	19957	6	#0	QPSK	NV	10	-37.31	-0.022	PASS
Band4	1.4	19957	6	#0	QPSK	NV	20	-10.61	-0.006	PASS
Band4	1.4	19957	6	#0	QPSK	NV	30	-19.58	-0.011	PASS
Band4	1.4	19957	6	#0	QPSK	NV	40	-29.91	-0.017	PASS
Band4	1.4	19957	6	#0	QPSK	NV	50	-38.48	-0.022	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-30	-12.29	-0.007	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-20	-20.86	-0.012	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-10	-27.44	-0.016	PASS
Band4	1.4	19957	6	#0	16QAM	NV	0	-35.62	-0.021	PASS

Band4	1.4	19957	6	#0	16QAM	NV	10	-40.80	-0.024	PASS
Band4	1.4	19957	6	#0	16QAM	NV	20	-2.29	-0.001	PASS
Band4	1.4	19957	6	#0	16QAM	NV	30	-2.30	-0.001	PASS
Band4	1.4	19957	6	#0	16QAM	NV	40	-8.83	-0.005	PASS
Band4	1.4	19957	6	#0	16QAM	NV	50	-11.43	-0.007	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-30	-8.53	-0.005	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-20	-10.11	-0.006	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-10	-12.99	-0.007	PASS
Band4	1.4	20175	6	#0	QPSK	NV	0	-13.06	-0.008	PASS
Band4	1.4	20175	6	#0	QPSK	NV	10	-13.83	-0.008	PASS
Band4	1.4	20175	6	#0	QPSK	NV	20	-15.61	-0.009	PASS
Band4	1.4	20175	6	#0	QPSK	NV	30	-16.31	-0.009	PASS
Band4	1.4	20175	6	#0	QPSK	NV	40	-17.18	-0.010	PASS
Band4	1.4	20175	6	#0	QPSK	NV	50	-17.22	-0.010	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-30	-19.23	-0.011	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-20	-18.80	-0.011	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-10	-19.30	-0.011	PASS
Band4	1.4	20175	6	#0	16QAM	NV	0	-18.38	-0.011	PASS
Band4	1.4	20175	6	#0	16QAM	NV	10	-17.51	-0.010	PASS
Band4	1.4	20175	6	#0	16QAM	NV	20	-16.38	-0.009	PASS
Band4	1.4	20175	6	#0	16QAM	NV	30	-16.26	-0.009	PASS
Band4	1.4	20175	6	#0	16QAM	NV	40	-13.56	-0.008	PASS
Band4	1.4	20175	6	#0	16QAM	NV	50	-12.72	-0.007	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-30	-5.18	-0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-20	-5.29	-0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-10	-4.46	-0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	0	-4.06	-0.002	PASS
Band4	1.4	20393	6	#0	QPSK	NV	10	-4.39	-0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	20	-6.82	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	30	-7.25	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	40	-7.15	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	50	-9.07	-0.005	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-30	-9.74	-0.006	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-20	-9.80	-0.006	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-10	-8.13	-0.005	PASS
Band4	1.4	20393	6	#0	16QAM	NV	0	-7.25	-0.004	PASS
Band4	1.4	20393	6	#0	16QAM	NV	10	-6.67	-0.004	PASS
Band4	1.4	20393	6	#0	16QAM	NV	20	-5.82	-0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	30	-4.38	-0.002	PASS
Band4	1.4	20393	6	#0	16QAM	NV	40	-1.89	-0.001	PASS
Band4	1.4	20393	6	#0	16QAM	NV	50	-1.73	-0.001	PASS
Band4	3	19965	15	#0	QPSK	NV	-30	-0.89	-0.001	PASS
Band4	3	19965	15	#0	QPSK	NV	-20	1.06	0.001	PASS

Band4	3	19965	15	#0	QPSK	NV	-10	1.07	0.001	PASS
Band4	3	19965	15	#0	QPSK	NV	0	0.60	0.000	PASS
Band4	3	19965	15	#0	QPSK	NV	10	-0.96	-0.001	PASS
Band4	3	19965	15	#0	QPSK	NV	20	-3.42	-0.002	PASS
Band4	3	19965	15	#0	QPSK	NV	30	-3.85	-0.002	PASS
Band4	3	19965	15	#0	QPSK	NV	40	-5.91	-0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	50	-8.44	-0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	-30	-7.71	-0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	-20	-7.87	-0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	-10	-7.37	-0.004	PASS
Band4	3	19965	15	#0	16QAM	NV	0	-5.55	-0.003	PASS
Band4	3	19965	15	#0	16QAM	NV	10	-2.23	-0.001	PASS
Band4	3	19965	15	#0	16QAM	NV	20	1.83	0.001	PASS
Band4	3	19965	15	#0	16QAM	NV	30	3.60	0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	40	5.81	0.003	PASS
Band4	3	19965	15	#0	16QAM	NV	50	8.74	0.005	PASS
Band4	3	20175	15	#0	QPSK	NV	-30	7.18	0.004	PASS
Band4	3	20175	15	#0	QPSK	NV	-20	12.95	0.007	PASS
Band4	3	20175	15	#0	QPSK	NV	-10	17.25	0.010	PASS
Band4	3	20175	15	#0	QPSK	NV	0	22.52	0.013	PASS
Band4	3	20175	15	#0	QPSK	NV	10	25.85	0.015	PASS
Band4	3	20175	15	#0	QPSK	NV	20	29.73	0.017	PASS
Band4	3	20175	15	#0	QPSK	NV	30	-2.36	-0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	40	1.56	0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	50	4.68	0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	-30	10.86	0.006	PASS
Band4	3	20175	15	#0	16QAM	NV	-20	14.09	0.008	PASS
Band4	3	20175	15	#0	16QAM	NV	-10	17.74	0.010	PASS
Band4	3	20175	15	#0	16QAM	NV	0	22.69	0.013	PASS
Band4	3	20175	15	#0	16QAM	NV	10	24.76	0.014	PASS
Band4	3	20175	15	#0	16QAM	NV	20	28.01	0.016	PASS
Band4	3	20175	15	#0	16QAM	NV	30	33.37	0.019	PASS
Band4	3	20175	15	#0	16QAM	NV	40	0.67	0.000	PASS
Band4	3	20175	15	#0	16QAM	NV	50	2.69	0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	-30	12.89	0.007	PASS
Band4	3	20385	15	#0	QPSK	NV	-20	15.45	0.009	PASS
Band4	3	20385	15	#0	QPSK	NV	-10	15.56	0.009	PASS
Band4	3	20385	15	#0	QPSK	NV	0	17.21	0.010	PASS
Band4	3	20385	15	#0	QPSK	NV	10	16.79	0.010	PASS
Band4	3	20385	15	#0	QPSK	NV	20	17.32	0.010	PASS
Band4	3	20385	15	#0	QPSK	NV	30	18.21	0.010	PASS
Band4	3	20385	15	#0	QPSK	NV	40	18.58	0.011	PASS
Band4	3	20385	15	#0	QPSK	NV	50	22.83	0.013	PASS

Band4	3	20385	15	#0	16QAM	NV	-30	25.43	0.015	PASS
Band4	3	20385	15	#0	16QAM	NV	-20	28.24	0.016	PASS
Band4	3	20385	15	#0	16QAM	NV	-10	33.32	0.019	PASS
Band4	3	20385	15	#0	16QAM	NV	0	39.07	0.022	PASS
Band4	3	20385	15	#0	16QAM	NV	10	7.70	0.004	PASS
Band4	3	20385	15	#0	16QAM	NV	20	11.77	0.007	PASS
Band4	3	20385	15	#0	16QAM	NV	30	17.81	0.010	PASS
Band4	3	20385	15	#0	16QAM	NV	40	22.44	0.013	PASS
Band4	3	20385	15	#0	16QAM	NV	50	28.98	0.017	PASS
Band4	5	19975	25	#0	QPSK	NV	-30	12.62	0.007	PASS
Band4	5	19975	25	#0	QPSK	NV	-20	15.89	0.009	PASS
Band4	5	19975	25	#0	QPSK	NV	-10	20.17	0.012	PASS
Band4	5	19975	25	#0	QPSK	NV	0	23.80	0.014	PASS
Band4	5	19975	25	#0	QPSK	NV	10	24.82	0.014	PASS
Band4	5	19975	25	#0	QPSK	NV	20	28.41	0.017	PASS
Band4	5	19975	25	#0	QPSK	NV	30	30.14	0.018	PASS
Band4	5	19975	25	#0	QPSK	NV	40	-2.76	-0.002	PASS
Band4	5	19975	25	#0	QPSK	NV	50	-0.43	0.000	PASS
Band4	5	19975	25	#0	16QAM	NV	-30	6.28	0.004	PASS
Band4	5	19975	25	#0	16QAM	NV	-20	12.60	0.007	PASS
Band4	5	19975	25	#0	16QAM	NV	-10	20.53	0.012	PASS
Band4	5	19975	25	#0	16QAM	NV	0	29.65	0.017	PASS
Band4	5	19975	25	#0	16QAM	NV	10	1.93	0.001	PASS
Band4	5	19975	25	#0	16QAM	NV	20	12.35	0.007	PASS
Band4	5	19975	25	#0	16QAM	NV	30	21.59	0.013	PASS
Band4	5	19975	25	#0	16QAM	NV	40	32.90	0.019	PASS
Band4	5	19975	25	#0	16QAM	NV	50	6.62	0.004	PASS
Band4	5	20175	25	#0	QPSK	NV	-30	23.99	0.014	PASS
Band4	5	20175	25	#0	QPSK	NV	-20	34.56	0.020	PASS
Band4	5	20175	25	#0	QPSK	NV	-10	8.61	0.005	PASS
Band4	5	20175	25	#0	QPSK	NV	0	21.10	0.012	PASS
Band4	5	20175	25	#0	QPSK	NV	10	30.46	0.018	PASS
Band4	5	20175	25	#0	QPSK	NV	20	4.05	0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	30	11.57	0.007	PASS
Band4	5	20175	25	#0	QPSK	NV	40	19.53	0.011	PASS
Band4	5	20175	25	#0	QPSK	NV	50	29.88	0.017	PASS
Band4	5	20175	25	#0	16QAM	NV	-30	-9.64	-0.006	PASS
Band4	5	20175	25	#0	16QAM	NV	-20	-2.47	-0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	-10	5.52	0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	0	12.22	0.007	PASS
Band4	5	20175	25	#0	16QAM	NV	10	20.79	0.012	PASS
Band4	5	20175	25	#0	16QAM	NV	20	29.07	0.017	PASS
Band4	5	20175	25	#0	16QAM	NV	30	35.81	0.021	PASS

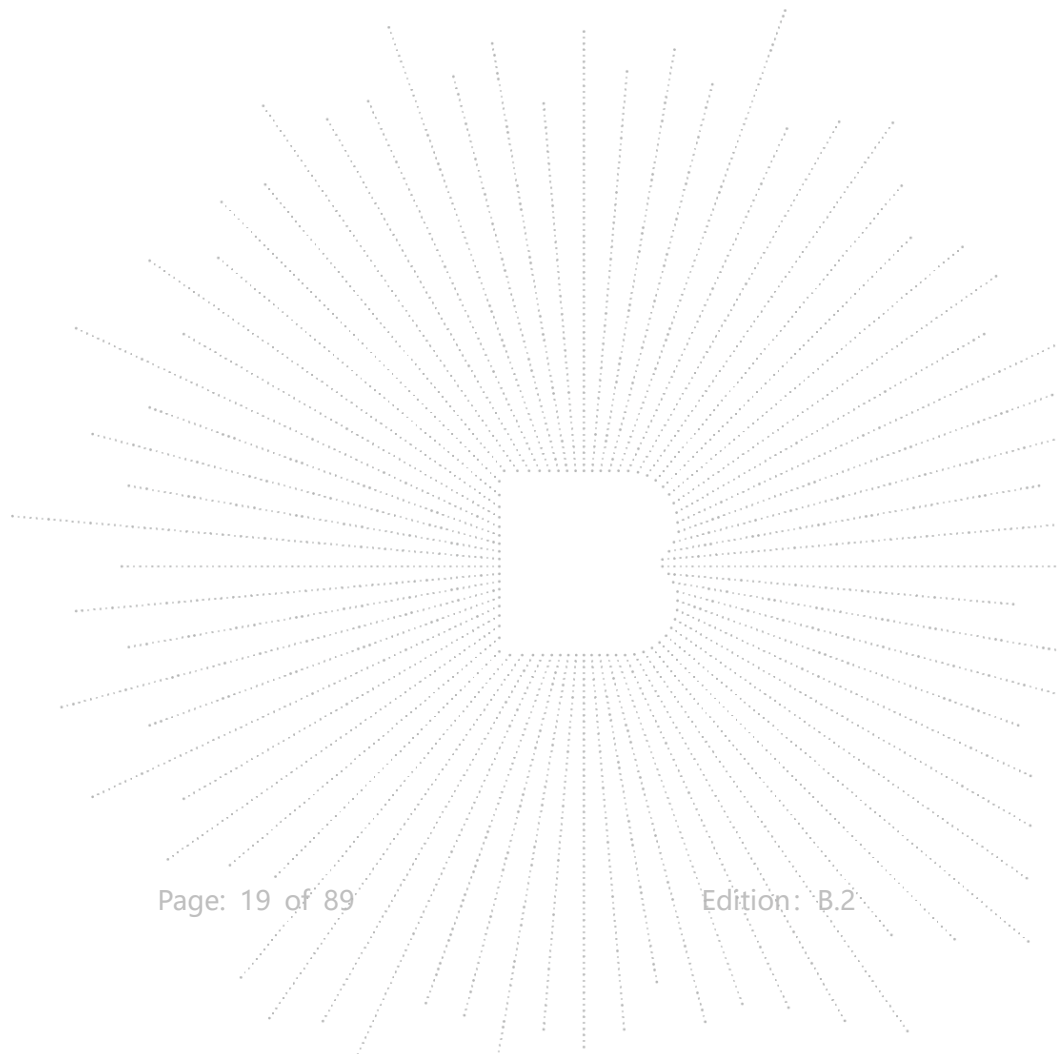
Band4	5	20175	25	#0	16QAM	NV	40	6.68	0.004	PASS
Band4	5	20175	25	#0	16QAM	NV	50	15.45	0.009	PASS
Band4	5	20375	25	#0	QPSK	NV	-30	15.19	0.009	PASS
Band4	5	20375	25	#0	QPSK	NV	-20	20.16	0.012	PASS
Band4	5	20375	25	#0	QPSK	NV	-10	22.83	0.013	PASS
Band4	5	20375	25	#0	QPSK	NV	0	24.88	0.014	PASS
Band4	5	20375	25	#0	QPSK	NV	10	26.34	0.015	PASS
Band4	5	20375	25	#0	QPSK	NV	20	28.44	0.016	PASS
Band4	5	20375	25	#0	QPSK	NV	30	31.67	0.018	PASS
Band4	5	20375	25	#0	QPSK	NV	40	35.78	0.020	PASS
Band4	5	20375	25	#0	QPSK	NV	50	2.22	0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	-30	7.32	0.004	PASS
Band4	5	20375	25	#0	16QAM	NV	-20	15.03	0.009	PASS
Band4	5	20375	25	#0	16QAM	NV	-10	22.59	0.013	PASS
Band4	5	20375	25	#0	16QAM	NV	0	32.24	0.018	PASS
Band4	5	20375	25	#0	16QAM	NV	10	22.89	0.013	PASS
Band4	5	20375	25	#0	16QAM	NV	20	14.55	0.008	PASS
Band4	5	20375	25	#0	16QAM	NV	30	25.43	0.015	PASS
Band4	5	20375	25	#0	16QAM	NV	40	35.61	0.020	PASS
Band4	5	20375	25	#0	16QAM	NV	50	10.74	0.006	PASS
Band4	10	20000	50	#0	QPSK	NV	-30	30.43	0.018	PASS
Band4	10	20000	50	#0	QPSK	NV	-20	37.11	0.022	PASS
Band4	10	20000	50	#0	QPSK	NV	-10	18.02	0.011	PASS
Band4	10	20000	50	#0	QPSK	NV	0	8.83	0.005	PASS
Band4	10	20000	50	#0	QPSK	NV	10	12.72	0.007	PASS
Band4	10	20000	50	#0	QPSK	NV	20	21.83	0.013	PASS
Band4	10	20000	50	#0	QPSK	NV	30	30.14	0.018	PASS
Band4	10	20000	50	#0	QPSK	NV	40	41.76	0.024	PASS
Band4	10	20000	50	#0	QPSK	NV	50	3.50	0.002	PASS
Band4	10	20000	50	#0	16QAM	NV	-30	18.95	0.011	PASS
Band4	10	20000	50	#0	16QAM	NV	-20	35.33	0.021	PASS
Band4	10	20000	50	#0	16QAM	NV	-10	14.78	0.009	PASS
Band4	10	20000	50	#0	16QAM	NV	0	33.90	0.020	PASS
Band4	10	20000	50	#0	16QAM	NV	10	15.98	0.009	PASS
Band4	10	20000	50	#0	16QAM	NV	20	34.02	0.020	PASS
Band4	10	20000	50	#0	16QAM	NV	30	2.79	0.002	PASS
Band4	10	20000	50	#0	16QAM	NV	40	21.67	0.013	PASS
Band4	10	20000	50	#0	16QAM	NV	50	-8.21	-0.005	PASS
Band4	10	20175	50	#0	QPSK	NV	-30	38.17	0.022	PASS
Band4	10	20175	50	#0	QPSK	NV	-20	6.79	0.004	PASS
Band4	10	20175	50	#0	QPSK	NV	-10	24.49	0.014	PASS
Band4	10	20175	50	#0	QPSK	NV	0	2.98	0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	10	16.48	0.010	PASS

Band4	10	20175	50	#0	QPSK	NV	20	30.34	0.018	PASS
Band4	10	20175	50	#0	QPSK	NV	30	-5.48	-0.003	PASS
Band4	10	20175	50	#0	QPSK	NV	40	7.64	0.004	PASS
Band4	10	20175	50	#0	QPSK	NV	50	19.00	0.011	PASS
Band4	10	20175	50	#0	16QAM	NV	-30	30.68	0.018	PASS
Band4	10	20175	50	#0	16QAM	NV	-20	7.21	0.004	PASS
Band4	10	20175	50	#0	16QAM	NV	-10	22.57	0.013	PASS
Band4	10	20175	50	#0	16QAM	NV	0	36.82	0.021	PASS
Band4	10	20175	50	#0	16QAM	NV	10	14.06	0.008	PASS
Band4	10	20175	50	#0	16QAM	NV	20	24.25	0.014	PASS
Band4	10	20175	50	#0	16QAM	NV	30	36.39	0.021	PASS
Band4	10	20175	50	#0	16QAM	NV	40	28.42	0.016	PASS
Band4	10	20175	50	#0	16QAM	NV	50	14.16	0.008	PASS
Band4	10	20350	50	#0	QPSK	NV	-30	6.81	0.004	PASS
Band4	10	20350	50	#0	QPSK	NV	-20	11.69	0.007	PASS
Band4	10	20350	50	#0	QPSK	NV	-10	14.20	0.008	PASS
Band4	10	20350	50	#0	QPSK	NV	0	17.45	0.010	PASS
Band4	10	20350	50	#0	QPSK	NV	10	22.49	0.013	PASS
Band4	10	20350	50	#0	QPSK	NV	20	30.13	0.017	PASS
Band4	10	20350	50	#0	QPSK	NV	30	40.13	0.023	PASS
Band4	10	20350	50	#0	QPSK	NV	40	2.25	0.001	PASS
Band4	10	20350	50	#0	QPSK	NV	50	19.50	0.011	PASS
Band4	10	20350	50	#0	16QAM	NV	-30	22.20	0.013	PASS
Band4	10	20350	50	#0	16QAM	NV	-20	33.97	0.019	PASS
Band4	10	20350	50	#0	16QAM	NV	-10	1.23	0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	0	18.68	0.011	PASS
Band4	10	20350	50	#0	16QAM	NV	10	36.54	0.021	PASS
Band4	10	20350	50	#0	16QAM	NV	20	14.76	0.008	PASS
Band4	10	20350	50	#0	16QAM	NV	30	30.37	0.017	PASS
Band4	10	20350	50	#0	16QAM	NV	40	16.15	0.009	PASS
Band4	10	20350	50	#0	16QAM	NV	50	24.53	0.014	PASS
Band4	15	20025	75	#0	QPSK	NV	-30	30.68	0.018	PASS
Band4	15	20025	75	#0	QPSK	NV	-20	37.81	0.022	PASS
Band4	15	20025	75	#0	QPSK	NV	-10	41.50	0.024	PASS
Band4	15	20025	75	#0	QPSK	NV	0	43.67	0.025	PASS
Band4	15	20025	75	#0	QPSK	NV	10	13.53	0.008	PASS
Band4	15	20025	75	#0	QPSK	NV	20	25.08	0.015	PASS
Band4	15	20025	75	#0	QPSK	NV	30	44.45	0.026	PASS
Band4	15	20025	75	#0	QPSK	NV	40	20.30	0.012	PASS
Band4	15	20025	75	#0	QPSK	NV	50	9.60	0.006	PASS
Band4	15	20025	75	#0	16QAM	NV	-30	2.23	0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	-20	23.73	0.014	PASS
Band4	15	20025	75	#0	16QAM	NV	-10	20.74	0.012	PASS

Band4	15	20025	75	#0	16QAM	NV	0	15.23	0.009	PASS
Band4	15	20025	75	#0	16QAM	NV	10	17.82	0.010	PASS
Band4	15	20025	75	#0	16QAM	NV	20	28.95	0.017	PASS
Band4	15	20025	75	#0	16QAM	NV	30	19.64	0.011	PASS
Band4	15	20025	75	#0	16QAM	NV	40	24.56	0.014	PASS
Band4	15	20025	75	#0	16QAM	NV	50	33.33	0.019	PASS
Band4	15	20175	75	#0	QPSK	NV	-30	22.03	0.013	PASS
Band4	15	20175	75	#0	QPSK	NV	-20	17.11	0.010	PASS
Band4	15	20175	75	#0	QPSK	NV	-10	16.84	0.010	PASS
Band4	15	20175	75	#0	QPSK	NV	0	22.79	0.013	PASS
Band4	15	20175	75	#0	QPSK	NV	10	15.38	0.009	PASS
Band4	15	20175	75	#0	QPSK	NV	20	10.37	0.006	PASS
Band4	15	20175	75	#0	QPSK	NV	30	31.71	0.018	PASS
Band4	15	20175	75	#0	QPSK	NV	40	17.42	0.010	PASS
Band4	15	20175	75	#0	QPSK	NV	50	32.97	0.019	PASS
Band4	15	20175	75	#0	16QAM	NV	-30	27.59	0.016	PASS
Band4	15	20175	75	#0	16QAM	NV	-20	24.53	0.014	PASS
Band4	15	20175	75	#0	16QAM	NV	-10	27.64	0.016	PASS
Band4	15	20175	75	#0	16QAM	NV	0	16.78	0.010	PASS
Band4	15	20175	75	#0	16QAM	NV	10	31.60	0.018	PASS
Band4	15	20175	75	#0	16QAM	NV	20	-4.18	-0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	30	-1.75	-0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	40	12.19	0.007	PASS
Band4	15	20175	75	#0	16QAM	NV	50	22.40	0.013	PASS
Band4	15	20325	75	#0	QPSK	NV	-30	18.10	0.010	PASS
Band4	15	20325	75	#0	QPSK	NV	-20	22.69	0.013	PASS
Band4	15	20325	75	#0	QPSK	NV	-10	26.55	0.015	PASS
Band4	15	20325	75	#0	QPSK	NV	0	32.83	0.019	PASS
Band4	15	20325	75	#0	QPSK	NV	10	6.29	0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	20	23.13	0.013	PASS
Band4	15	20325	75	#0	QPSK	NV	30	9.94	0.006	PASS
Band4	15	20325	75	#0	QPSK	NV	40	18.28	0.010	PASS
Band4	15	20325	75	#0	QPSK	NV	50	18.35	0.011	PASS
Band4	15	20325	75	#0	16QAM	NV	-30	23.59	0.013	PASS
Band4	15	20325	75	#0	16QAM	NV	-20	16.16	0.009	PASS
Band4	15	20325	75	#0	16QAM	NV	-10	9.21	0.005	PASS
Band4	15	20325	75	#0	16QAM	NV	0	24.35	0.014	PASS
Band4	15	20325	75	#0	16QAM	NV	10	24.43	0.014	PASS
Band4	15	20325	75	#0	16QAM	NV	20	1.76	0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	30	28.94	0.017	PASS
Band4	15	20325	75	#0	16QAM	NV	40	16.14	0.009	PASS
Band4	15	20325	75	#0	16QAM	NV	50	37.67	0.022	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	10.16	0.006	PASS

Band4	20	20050	100	#0	QPSK	NV	-20	16.02	0.009	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	21.03	0.012	PASS
Band4	20	20050	100	#0	QPSK	NV	0	28.44	0.017	PASS
Band4	20	20050	100	#0	QPSK	NV	10	-4.12	-0.002	PASS
Band4	20	20050	100	#0	QPSK	NV	20	21.73	0.013	PASS
Band4	20	20050	100	#0	QPSK	NV	30	16.68	0.010	PASS
Band4	20	20050	100	#0	QPSK	NV	40	19.96	0.012	PASS
Band4	20	20050	100	#0	QPSK	NV	50	25.63	0.015	PASS
Band4	20	20050	100	#0	16QAM	NV	-30	21.87	0.013	PASS
Band4	20	20050	100	#0	16QAM	NV	-20	12.35	0.007	PASS
Band4	20	20050	100	#0	16QAM	NV	-10	23.06	0.013	PASS
Band4	20	20050	100	#0	16QAM	NV	0	26.81	0.016	PASS
Band4	20	20050	100	#0	16QAM	NV	10	9.38	0.005	PASS
Band4	20	20050	100	#0	16QAM	NV	20	10.30	0.006	PASS
Band4	20	20050	100	#0	16QAM	NV	30	26.97	0.016	PASS
Band4	20	20050	100	#0	16QAM	NV	40	24.73	0.014	PASS
Band4	20	20050	100	#0	16QAM	NV	50	17.62	0.010	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	12.97	0.007	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	11.39	0.007	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	20.38	0.012	PASS
Band4	20	20175	100	#0	QPSK	NV	0	33.46	0.019	PASS
Band4	20	20175	100	#0	QPSK	NV	10	9.97	0.006	PASS
Band4	20	20175	100	#0	QPSK	NV	20	33.66	0.019	PASS
Band4	20	20175	100	#0	QPSK	NV	30	22.67	0.013	PASS
Band4	20	20175	100	#0	QPSK	NV	40	34.70	0.020	PASS
Band4	20	20175	100	#0	QPSK	NV	50	4.63	0.003	PASS
Band4	20	20175	100	#0	16QAM	NV	-30	17.81	0.010	PASS
Band4	20	20175	100	#0	16QAM	NV	-20	24.45	0.014	PASS
Band4	20	20175	100	#0	16QAM	NV	-10	9.06	0.005	PASS
Band4	20	20175	100	#0	16QAM	NV	0	21.36	0.012	PASS
Band4	20	20175	100	#0	16QAM	NV	10	20.48	0.012	PASS
Band4	20	20175	100	#0	16QAM	NV	20	23.07	0.013	PASS
Band4	20	20175	100	#0	16QAM	NV	30	16.49	0.010	PASS
Band4	20	20175	100	#0	16QAM	NV	40	27.72	0.016	PASS
Band4	20	20175	100	#0	16QAM	NV	50	39.14	0.023	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	14.08	0.008	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	27.74	0.016	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	21.73	0.012	PASS
Band4	20	20300	100	#0	QPSK	NV	0	21.94	0.013	PASS
Band4	20	20300	100	#0	QPSK	NV	10	12.60	0.007	PASS
Band4	20	20300	100	#0	QPSK	NV	20	29.81	0.017	PASS
Band4	20	20300	100	#0	QPSK	NV	30	20.61	0.012	PASS
Band4	20	20300	100	#0	QPSK	NV	40	18.40	0.011	PASS

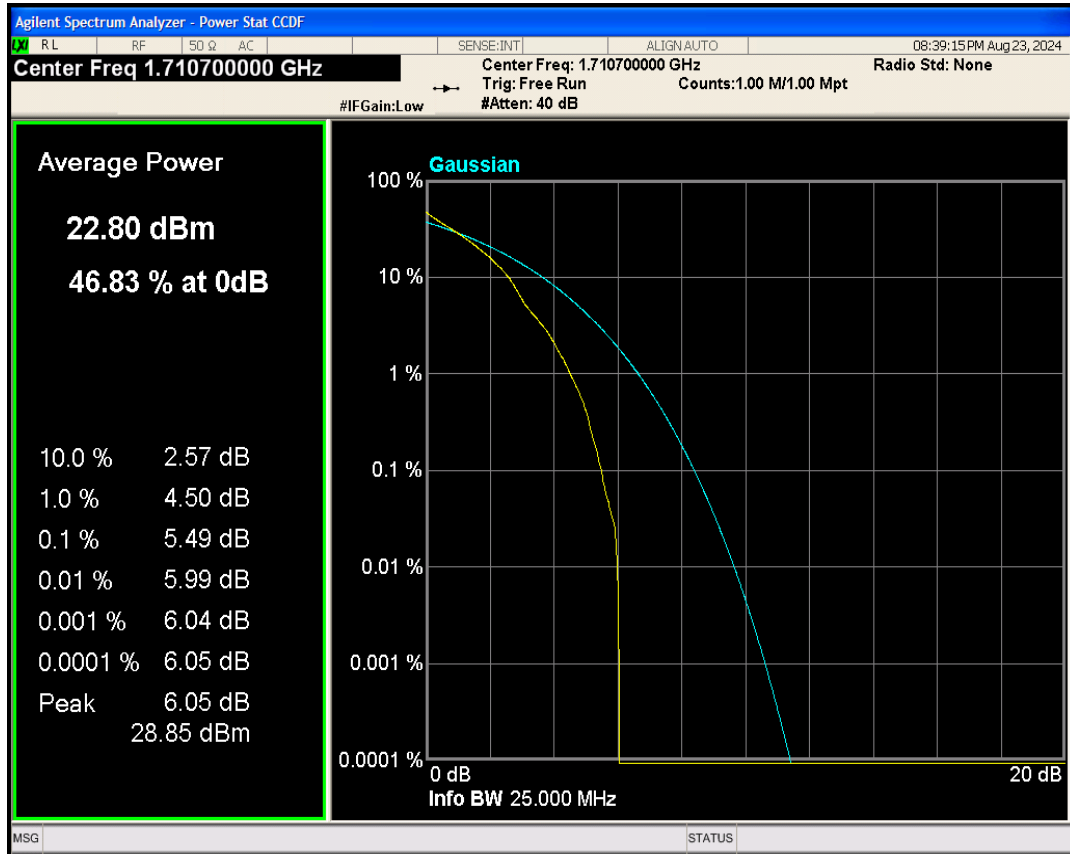
Band4	20	20300	100	#0	QPSK	NV	50	9.38	0.005	PASS
Band4	20	20300	100	#0	16QAM	NV	-30	15.65	0.009	PASS
Band4	20	20300	100	#0	16QAM	NV	-20	21.49	0.012	PASS
Band4	20	20300	100	#0	16QAM	NV	-10	19.08	0.011	PASS
Band4	20	20300	100	#0	16QAM	NV	0	13.23	0.008	PASS
Band4	20	20300	100	#0	16QAM	NV	10	29.41	0.017	PASS
Band4	20	20300	100	#0	16QAM	NV	20	39.01	0.022	PASS
Band4	20	20300	100	#0	16QAM	NV	30	34.86	0.020	PASS
Band4	20	20300	100	#0	16QAM	NV	40	15.62	0.009	PASS
Band4	20	20300	100	#0	16QAM	NV	50	7.61	0.004	PASS



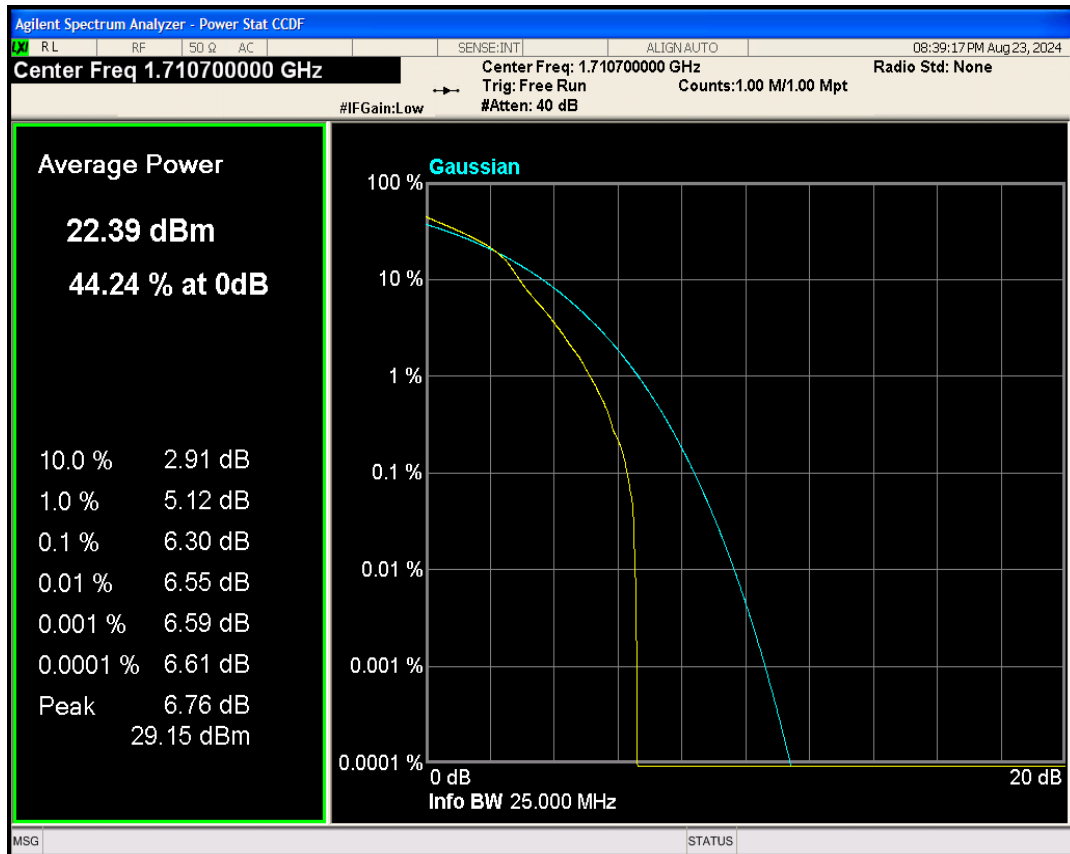
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	5.49	13	PASS
Band4	1.4	19957	1	#0	16QAM	6.30	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.30	13	PASS
Band4	1.4	20175	1	#0	16QAM	6.02	13	PASS
Band4	1.4	20393	1	#0	QPSK	5.46	13	PASS
Band4	1.4	20393	1	#0	16QAM	6.15	13	PASS
Band4	3	19965	1	#0	QPSK	5.53	13	PASS
Band4	3	19965	1	#0	16QAM	6.60	13	PASS
Band4	3	20175	1	#0	QPSK	5.30	13	PASS
Band4	3	20175	1	#0	16QAM	5.94	13	PASS
Band4	3	20385	1	#0	QPSK	5.05	13	PASS
Band4	3	20385	1	#0	16QAM	5.84	13	PASS
Band4	5	19975	1	#0	QPSK	5.86	13	PASS
Band4	5	19975	1	#0	16QAM	6.33	13	PASS
Band4	5	20175	1	#0	QPSK	5.17	13	PASS
Band4	5	20175	1	#0	16QAM	5.77	13	PASS
Band4	5	20375	1	#0	QPSK	5.12	13	PASS
Band4	5	20375	1	#0	16QAM	5.94	13	PASS
Band4	10	20000	1	#0	QPSK	5.47	13	PASS
Band4	10	20000	1	#0	16QAM	6.67	13	PASS
Band4	10	20175	1	#0	QPSK	4.81	13	PASS
Band4	10	20175	1	#0	16QAM	5.89	13	PASS
Band4	10	20350	1	#0	QPSK	4.54	13	PASS
Band4	10	20350	1	#0	16QAM	5.69	13	PASS
Band4	15	20025	1	#0	QPSK	5.47	13	PASS
Band4	15	20025	1	#0	16QAM	6.71	13	PASS
Band4	15	20175	1	#0	QPSK	4.53	13	PASS
Band4	15	20175	1	#0	16QAM	5.55	13	PASS
Band4	15	20325	1	#0	QPSK	4.87	13	PASS
Band4	15	20325	1	#0	16QAM	5.81	13	PASS
Band4	20	20050	1	#0	QPSK	5.69	13	PASS
Band4	20	20050	1	#0	16QAM	6.20	13	PASS
Band4	20	20175	1	#0	QPSK	4.45	13	PASS
Band4	20	20175	1	#0	16QAM	5.55	13	PASS
Band4	20	20300	1	#0	QPSK	5.15	13	PASS
Band4	20	20300	1	#0	16QAM	6.04	13	PASS

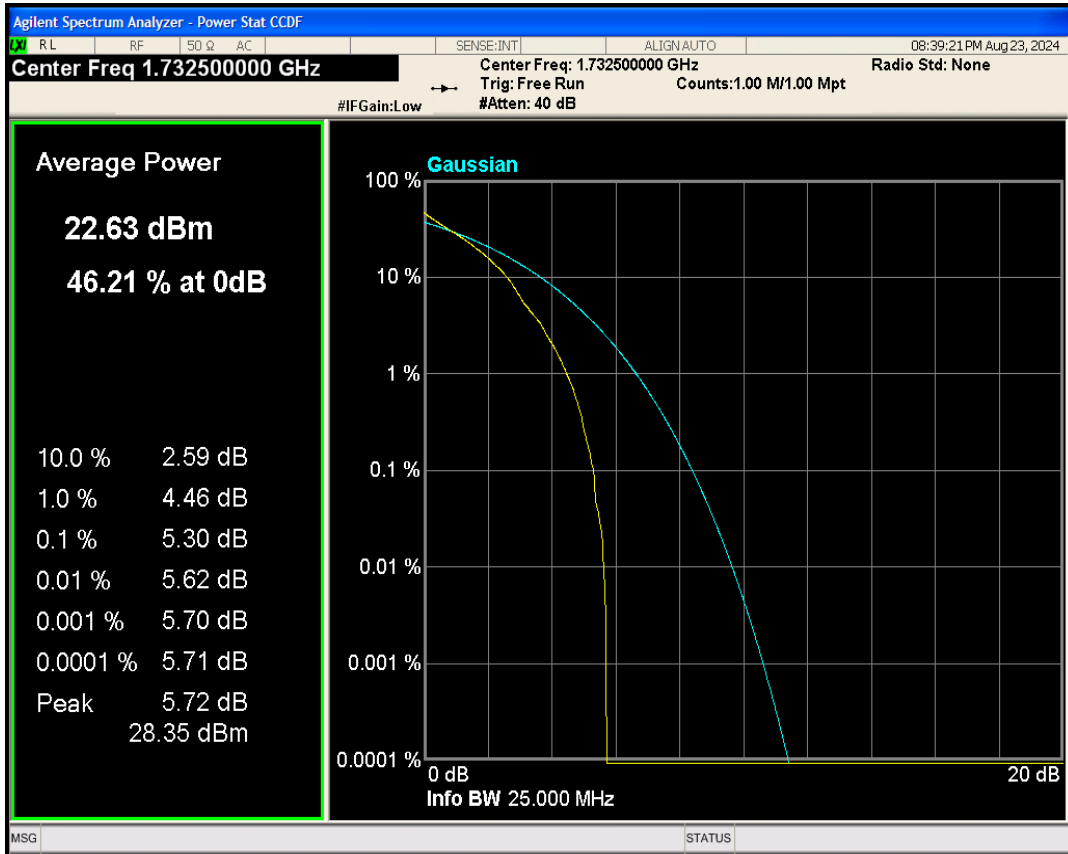
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



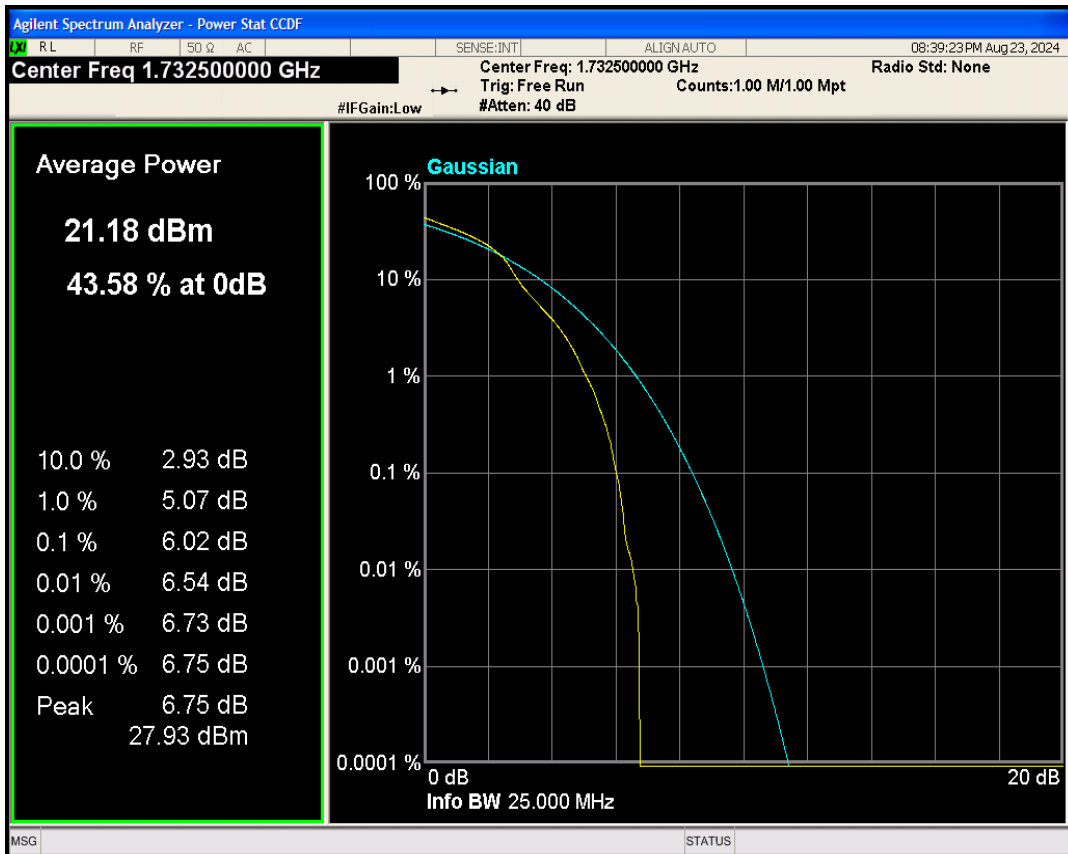
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



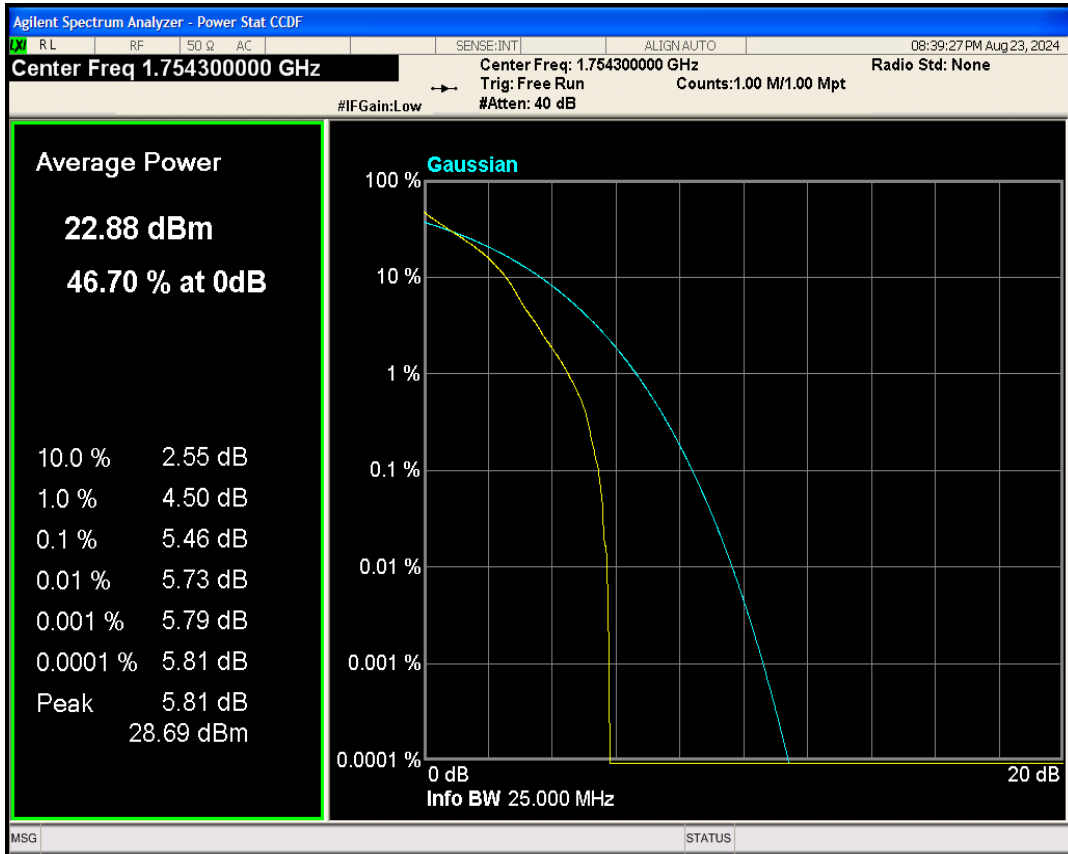
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



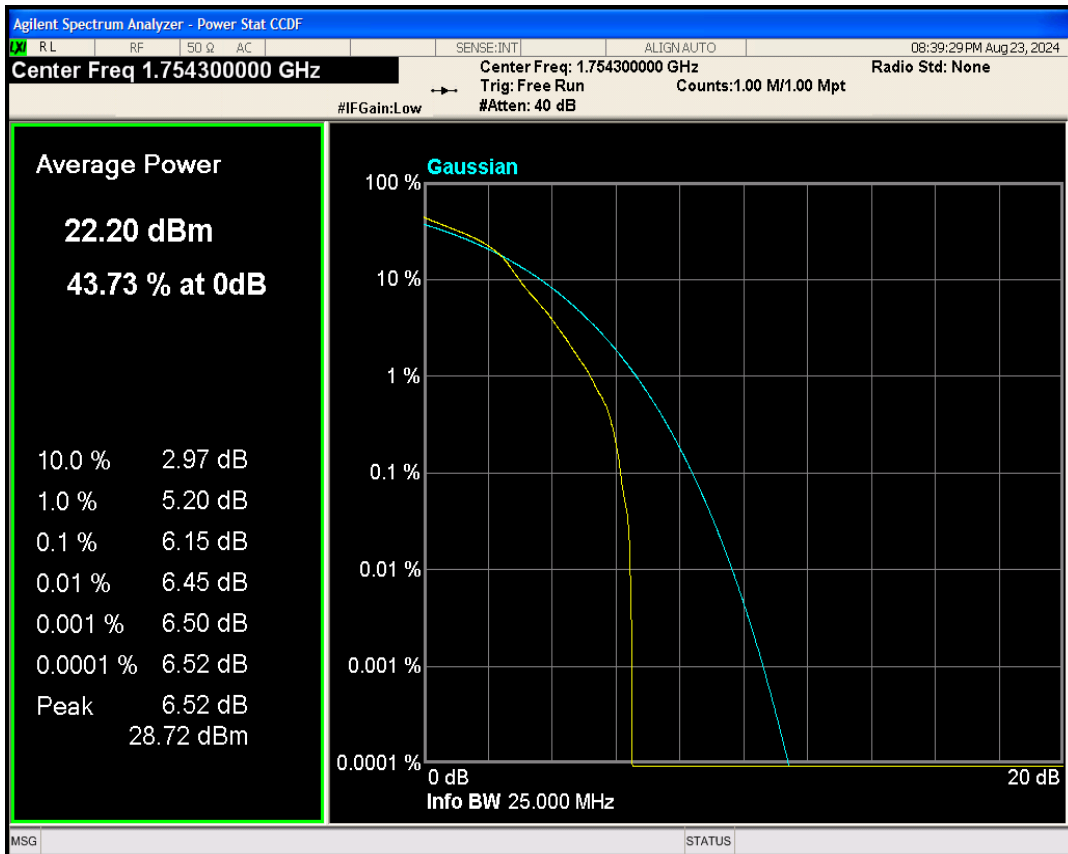
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



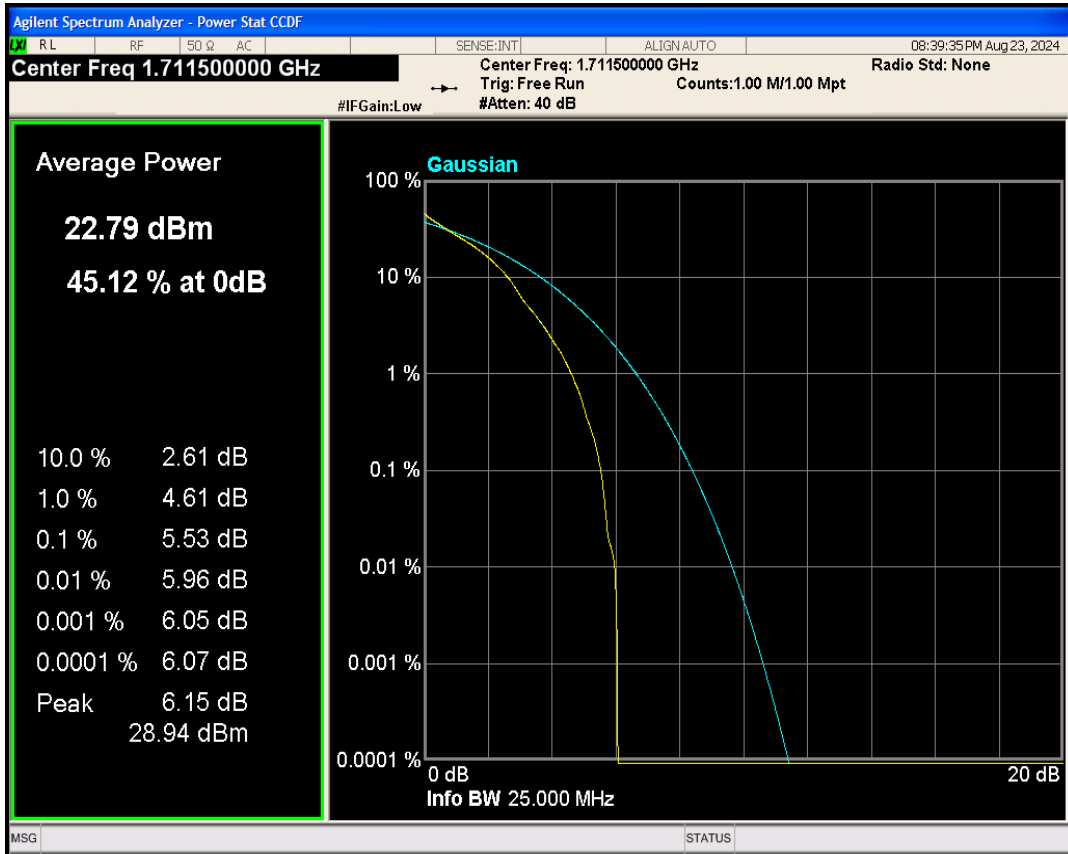
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



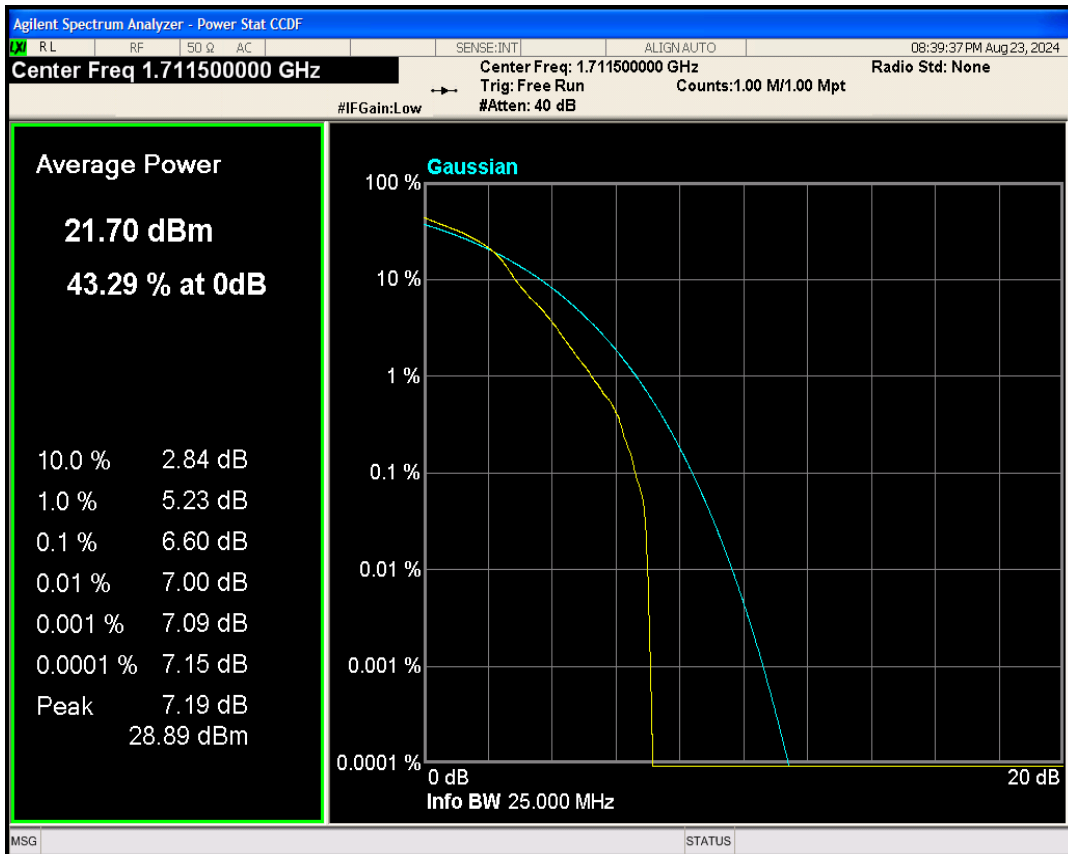
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



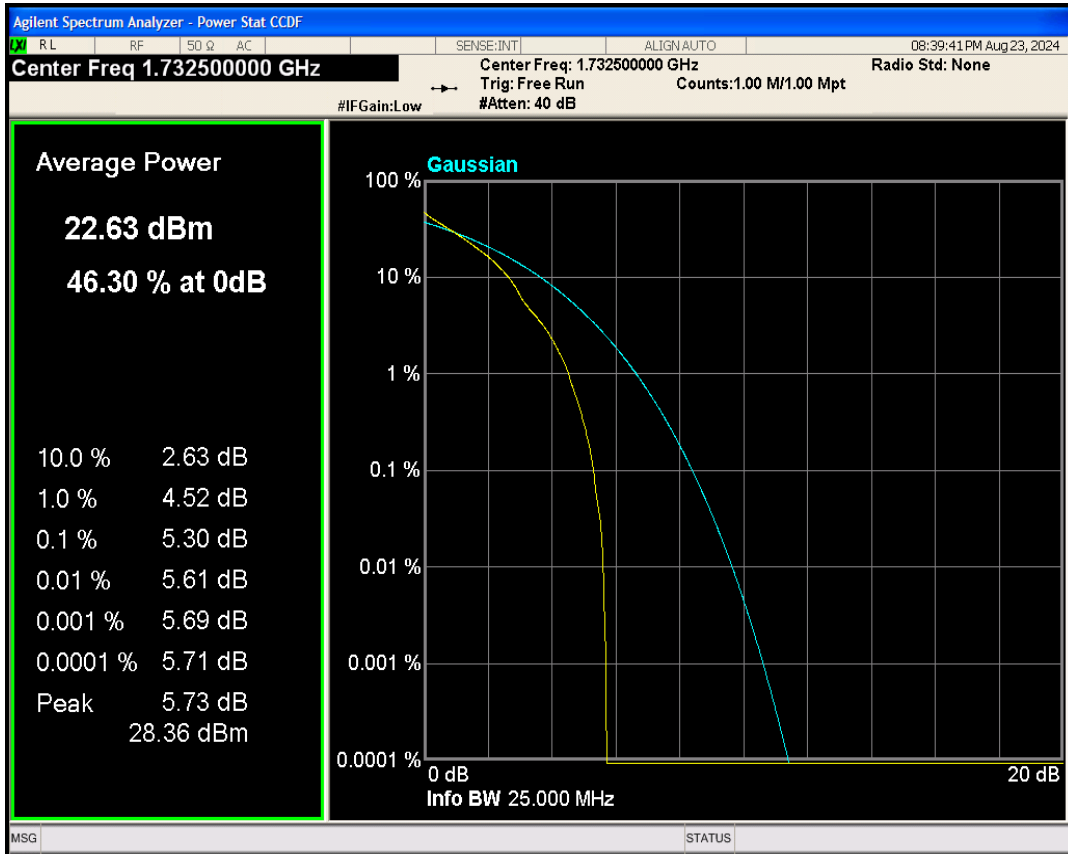
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



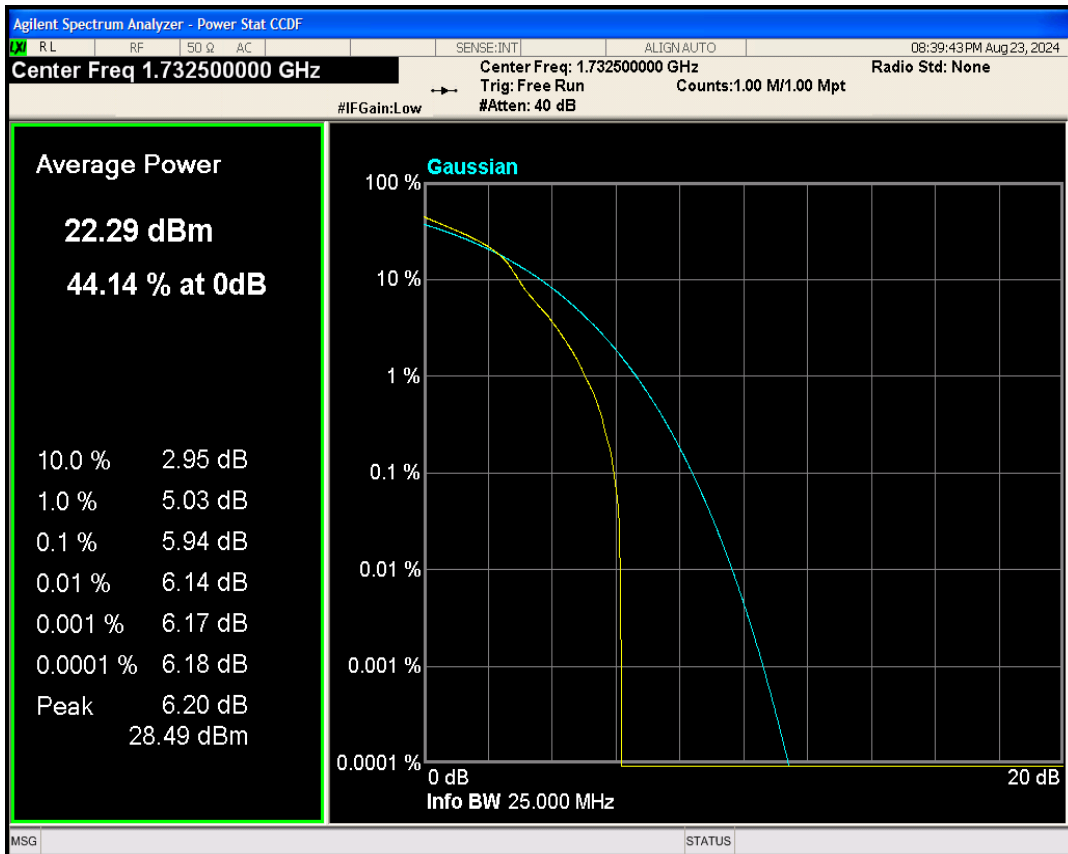
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



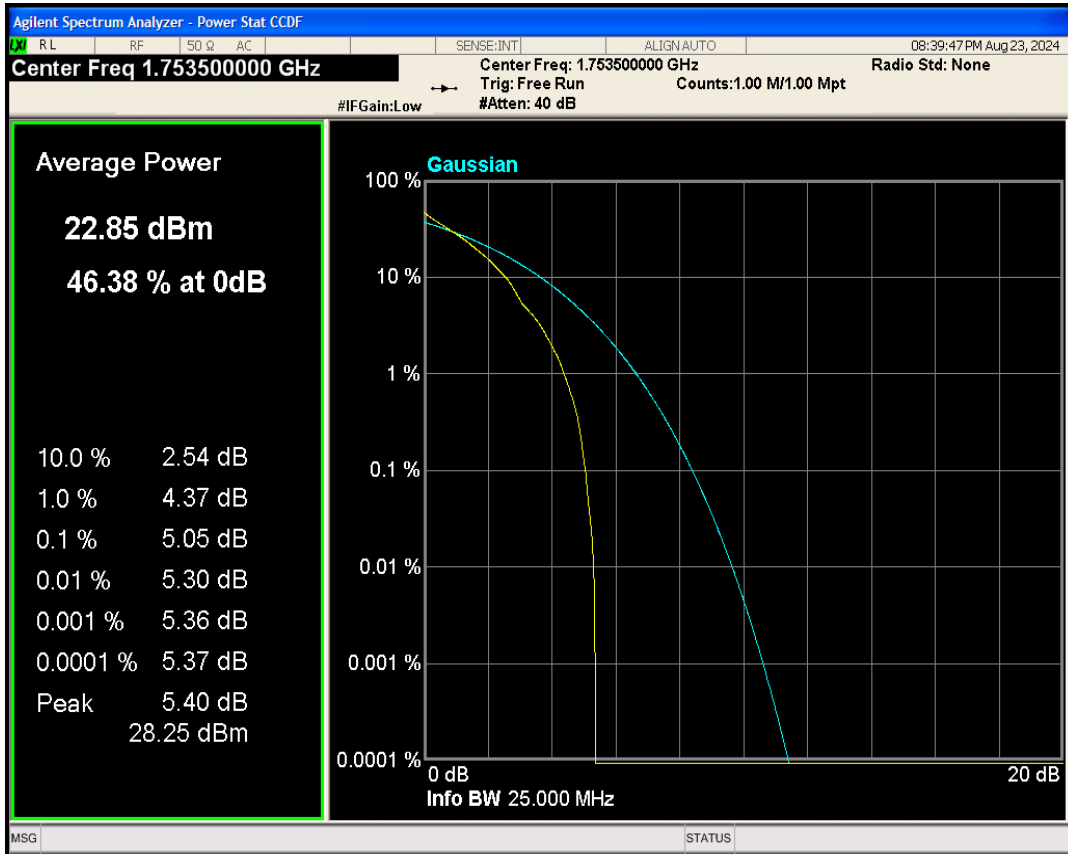
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



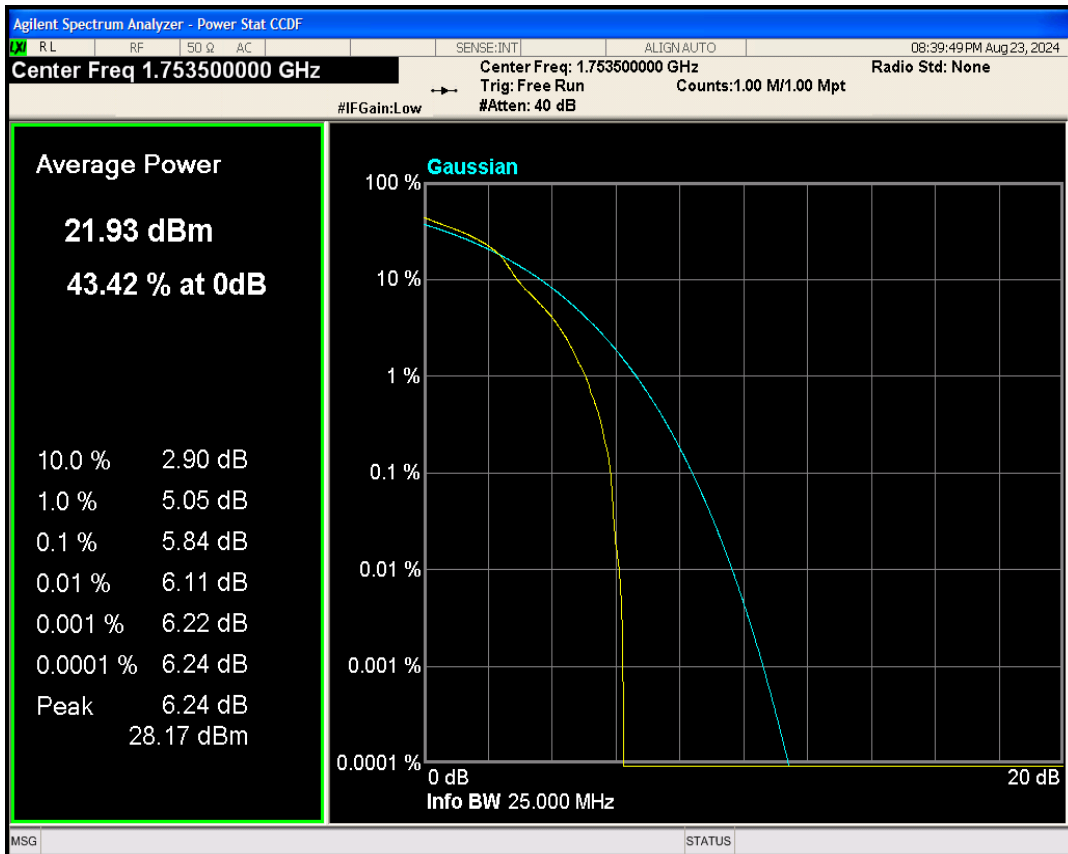
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



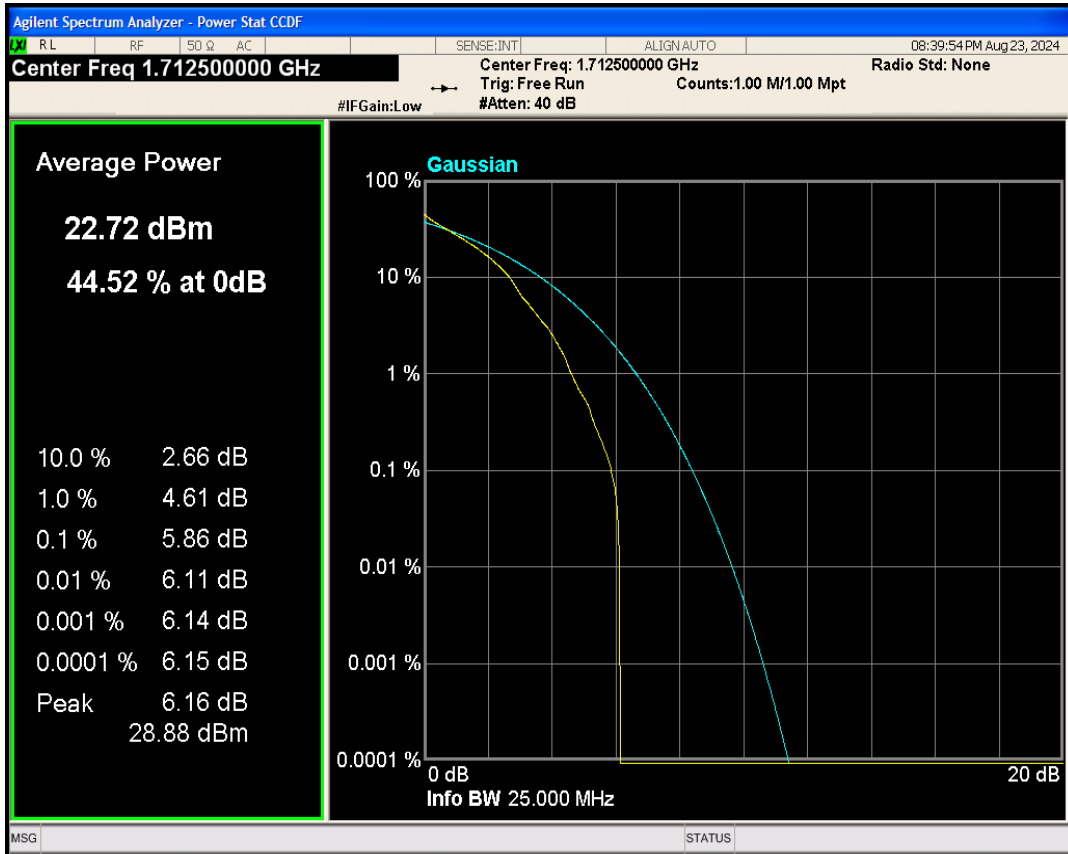
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



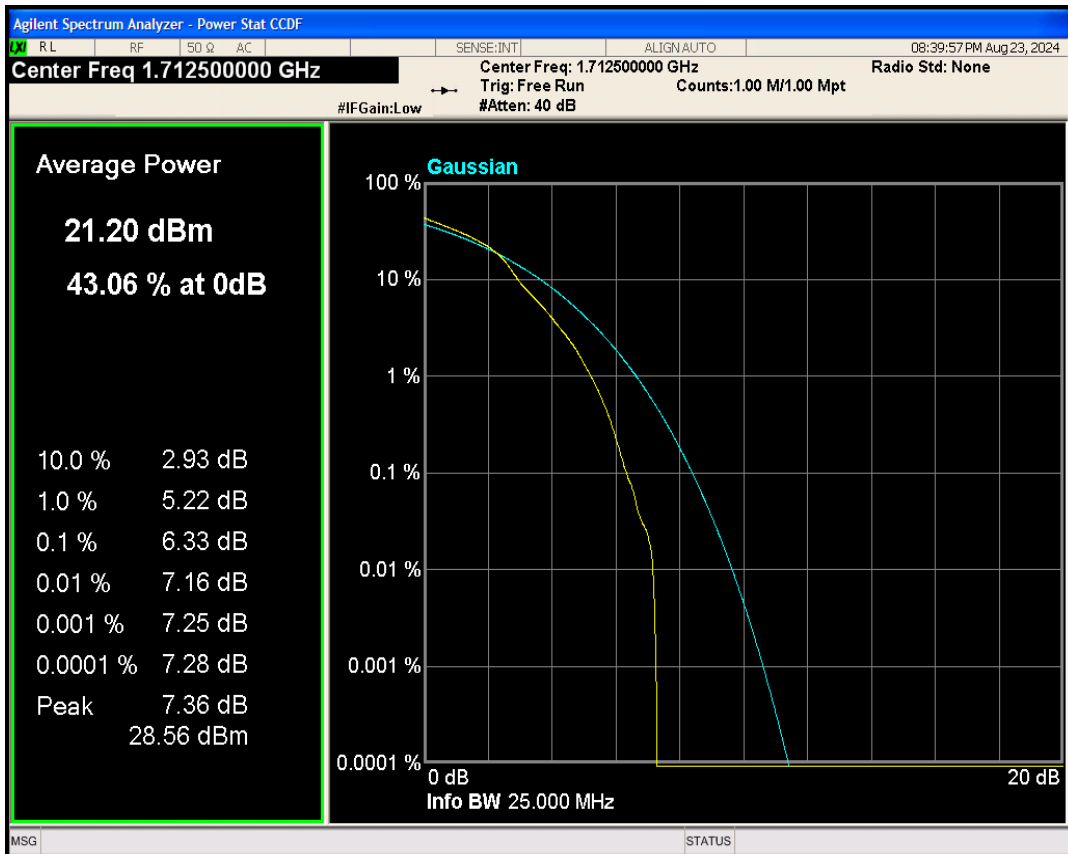
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



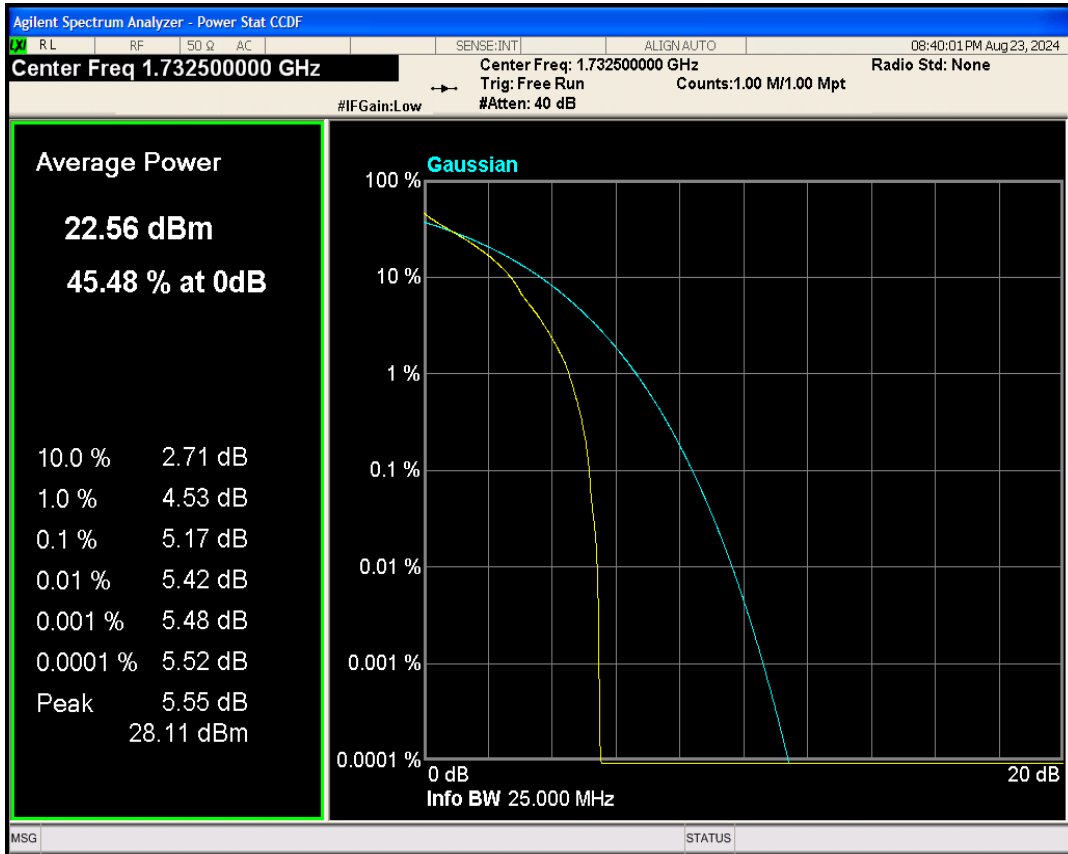
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



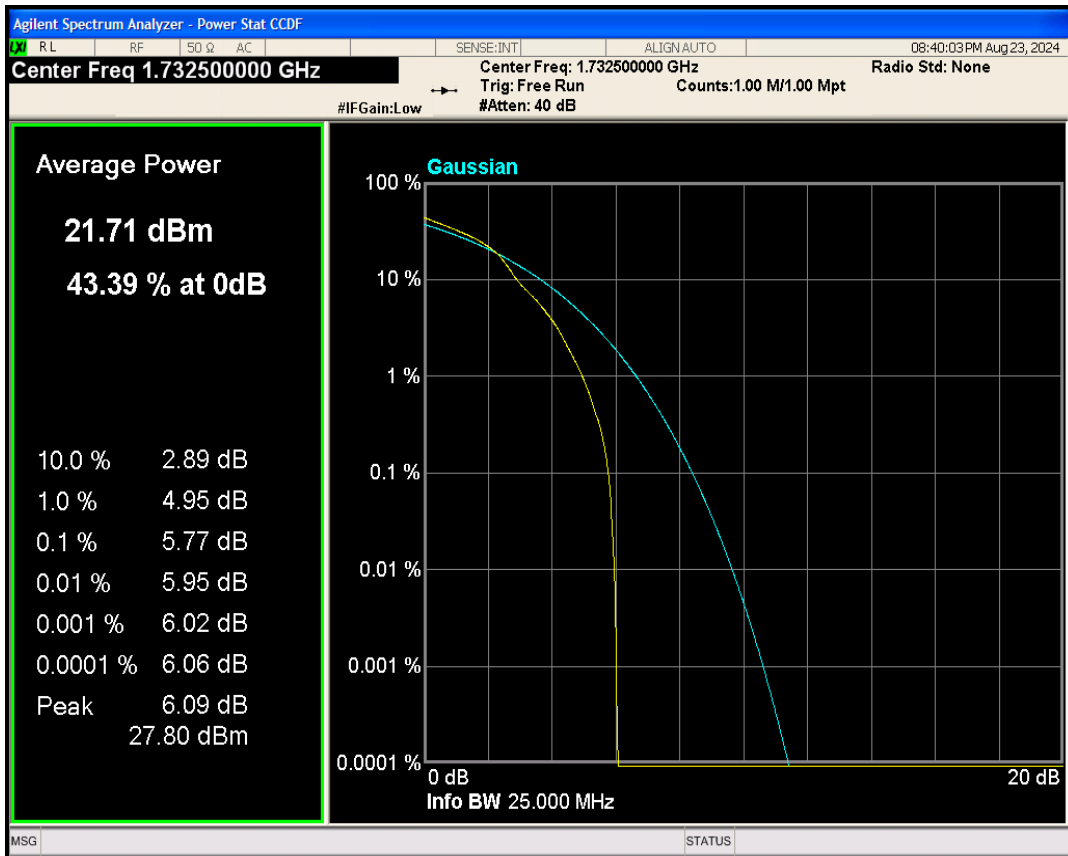
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



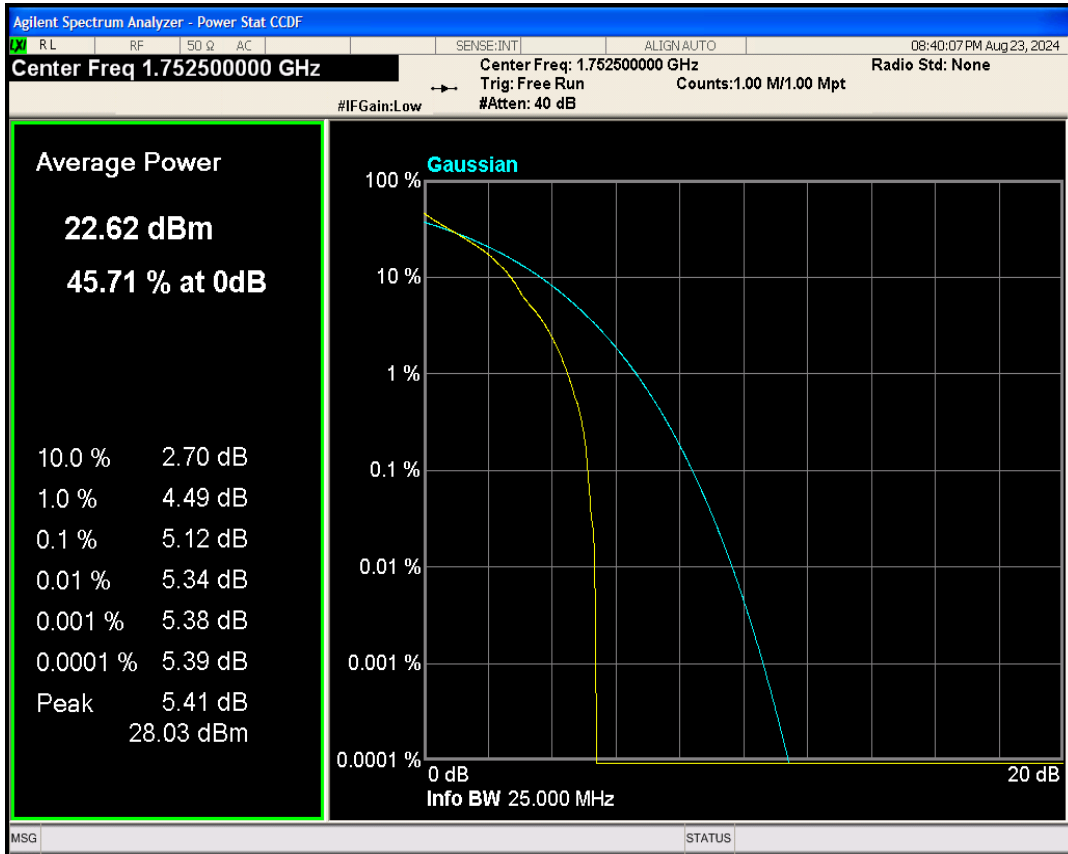
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



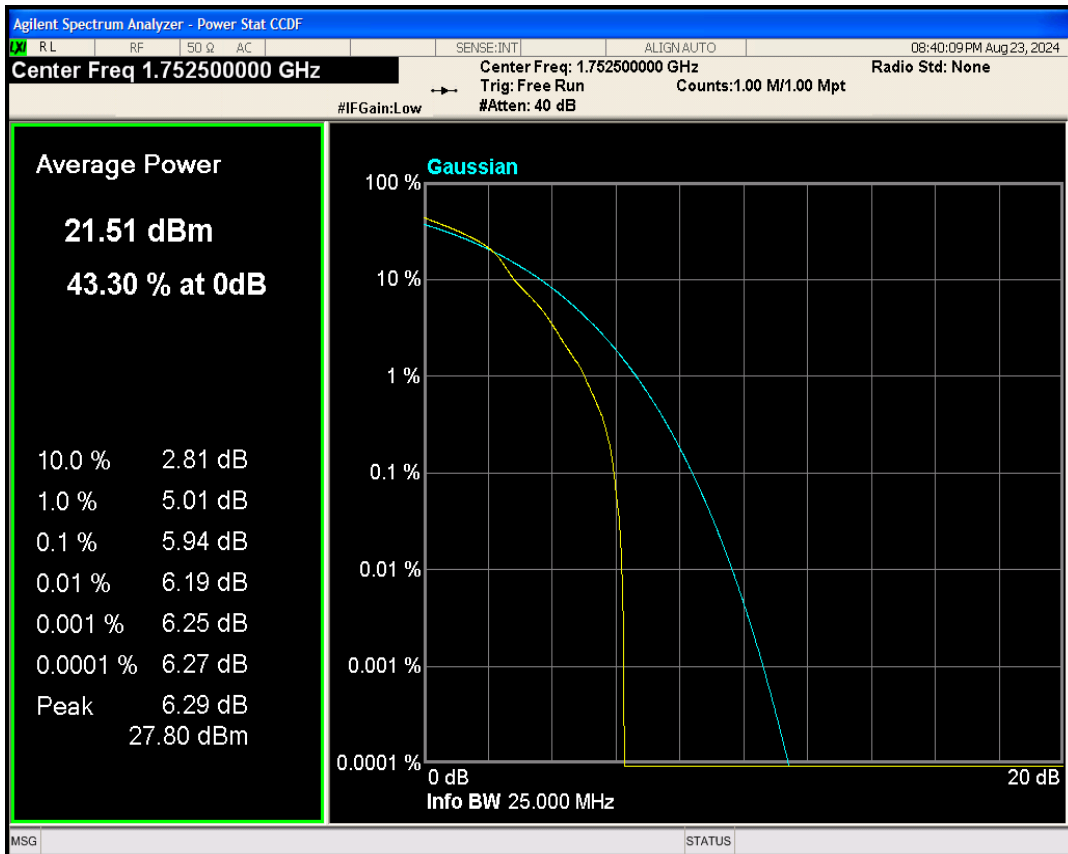
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



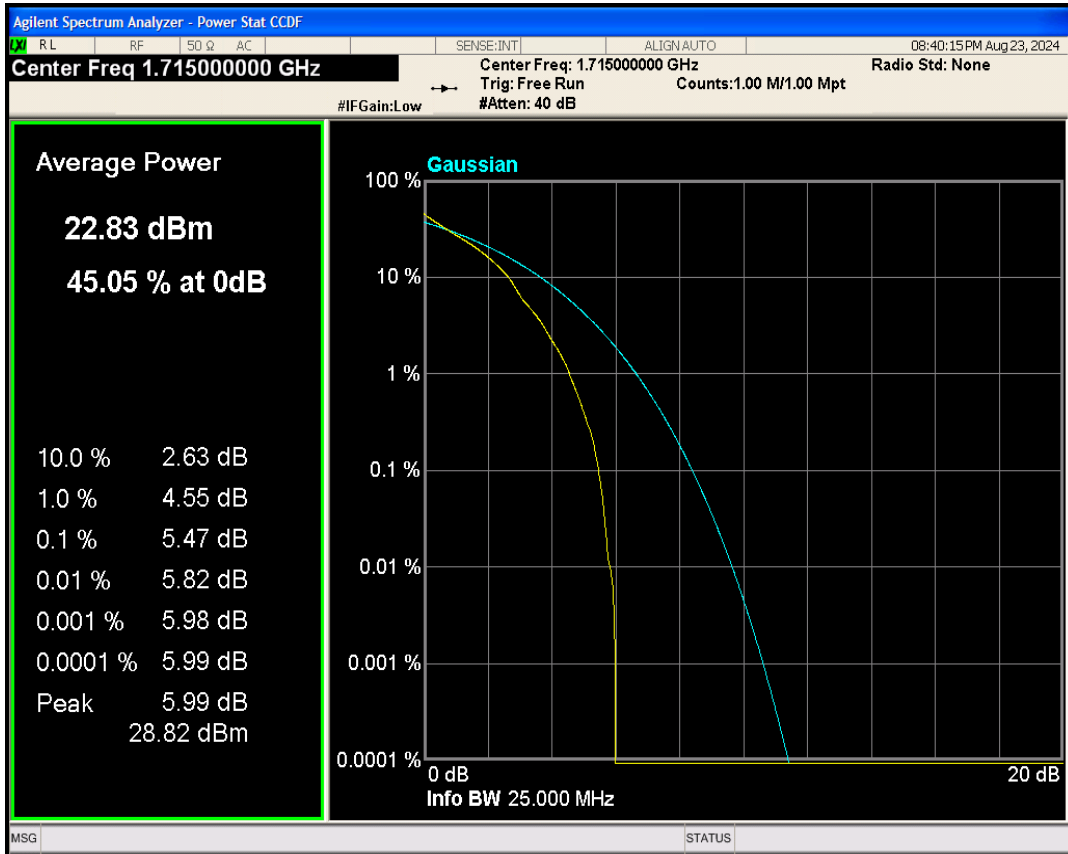
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



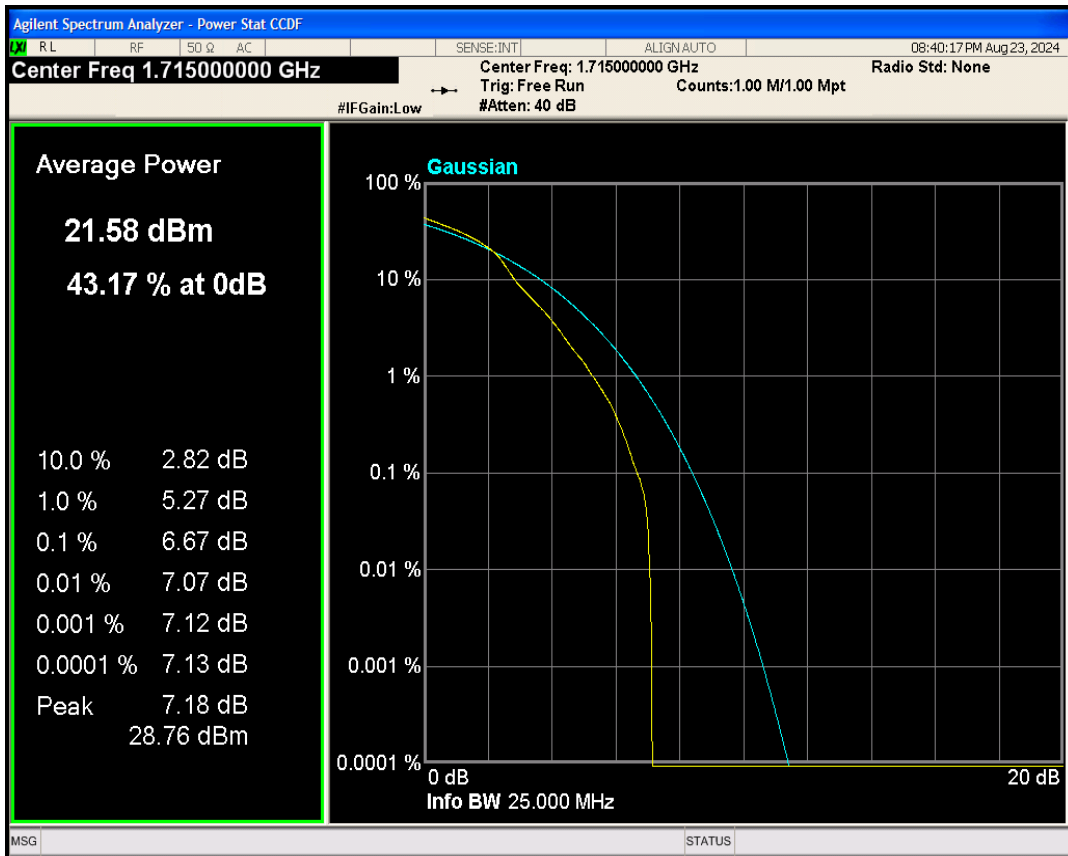
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



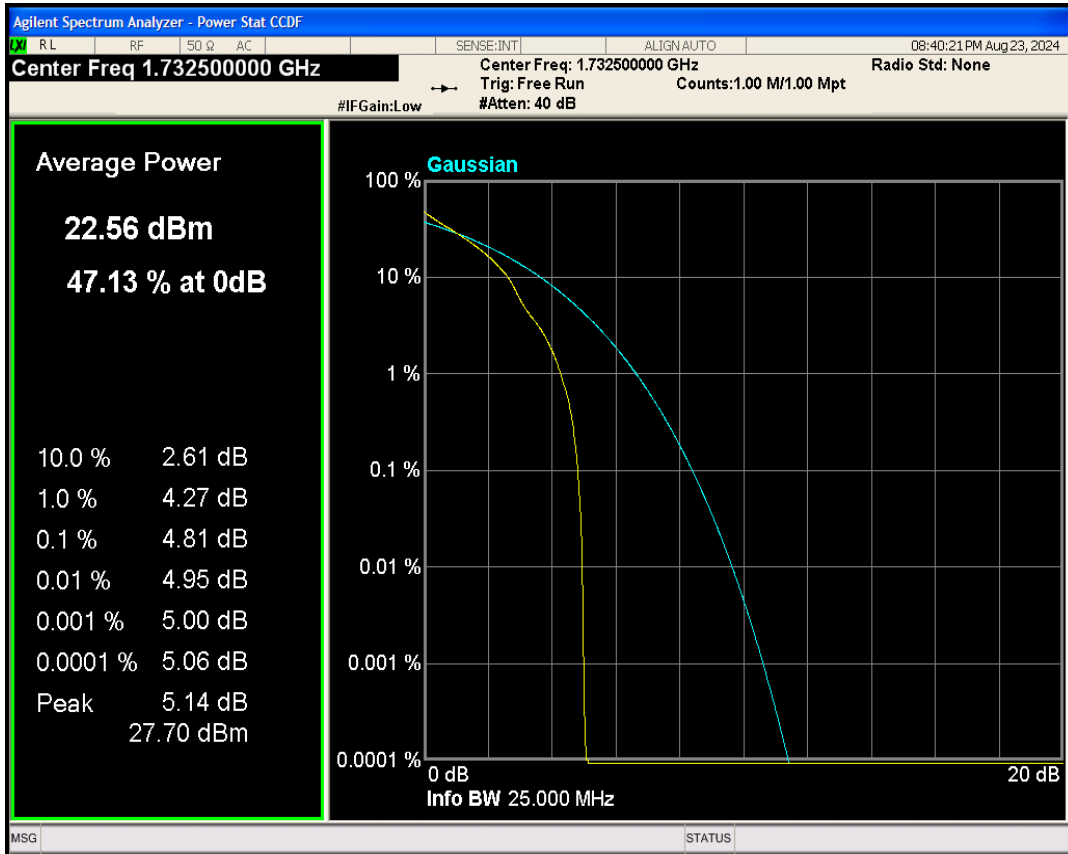
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



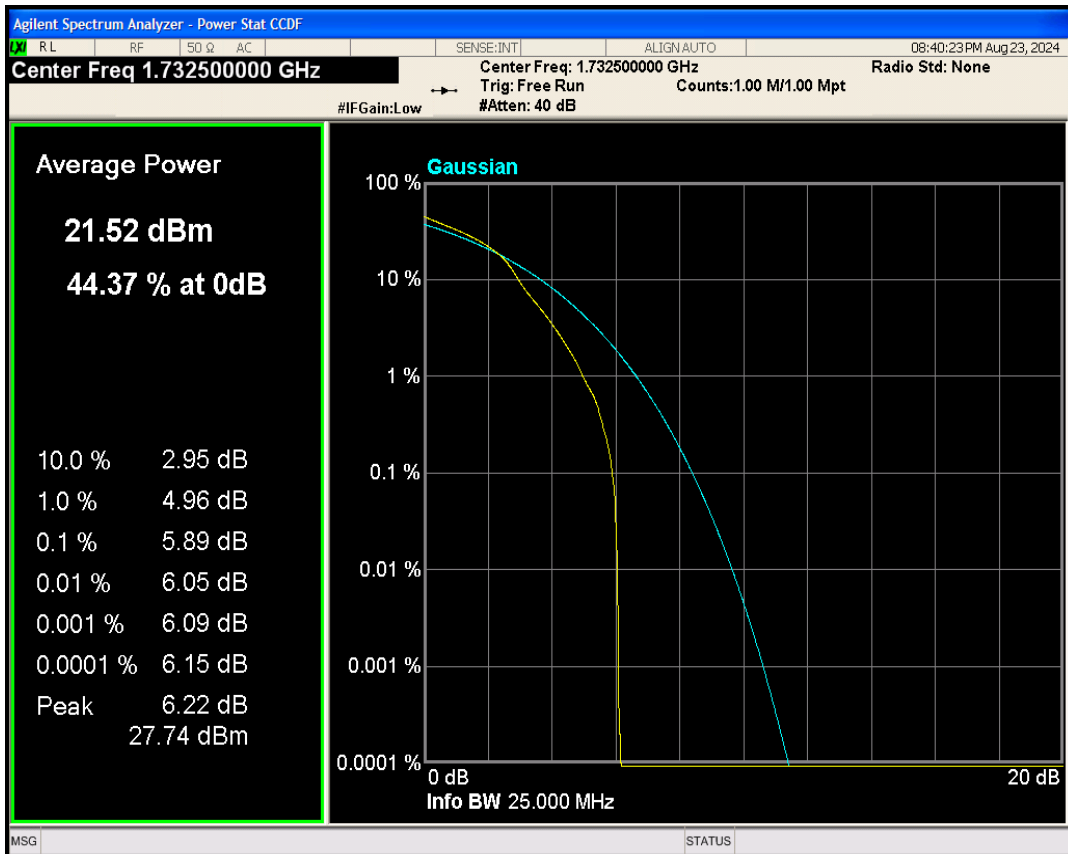
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



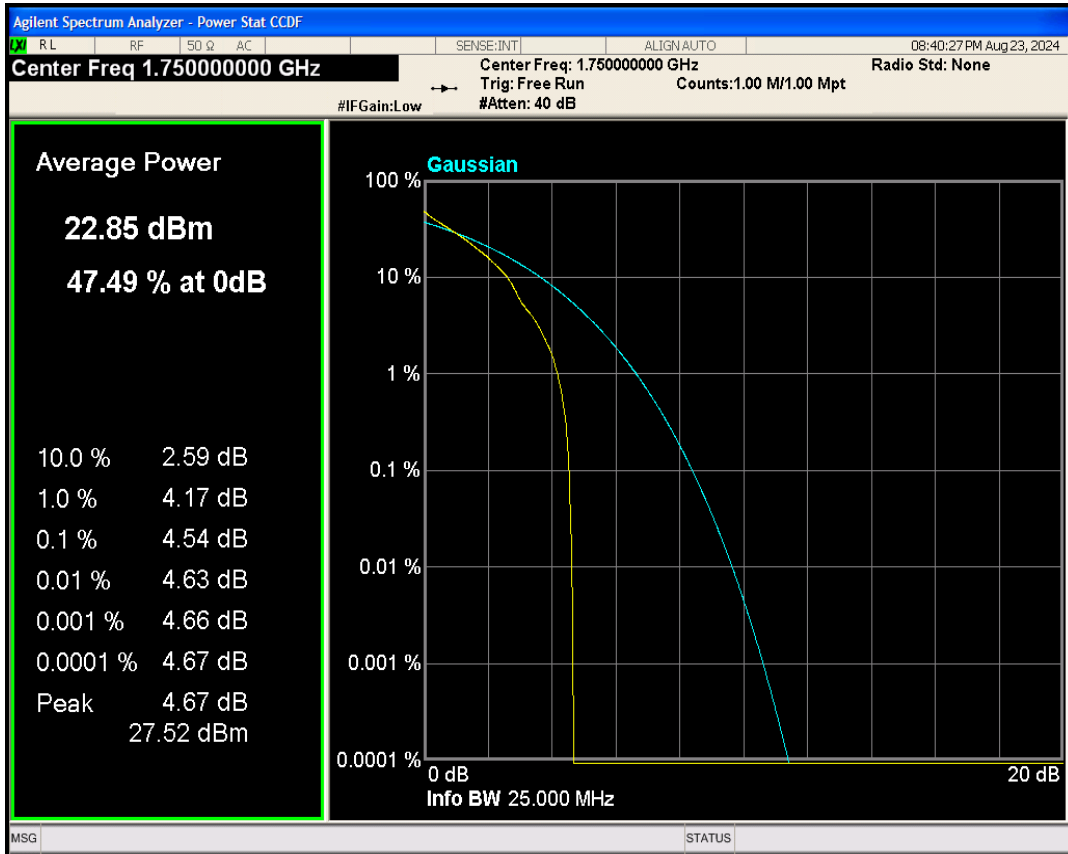
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



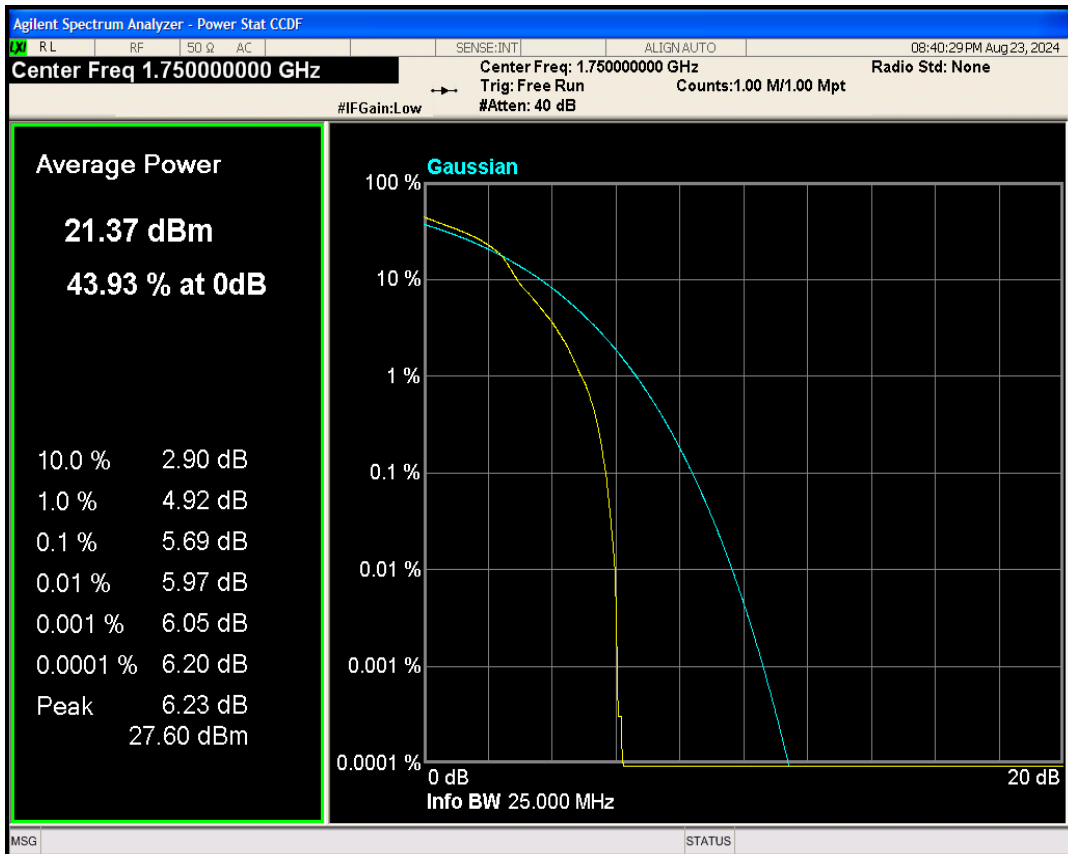
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



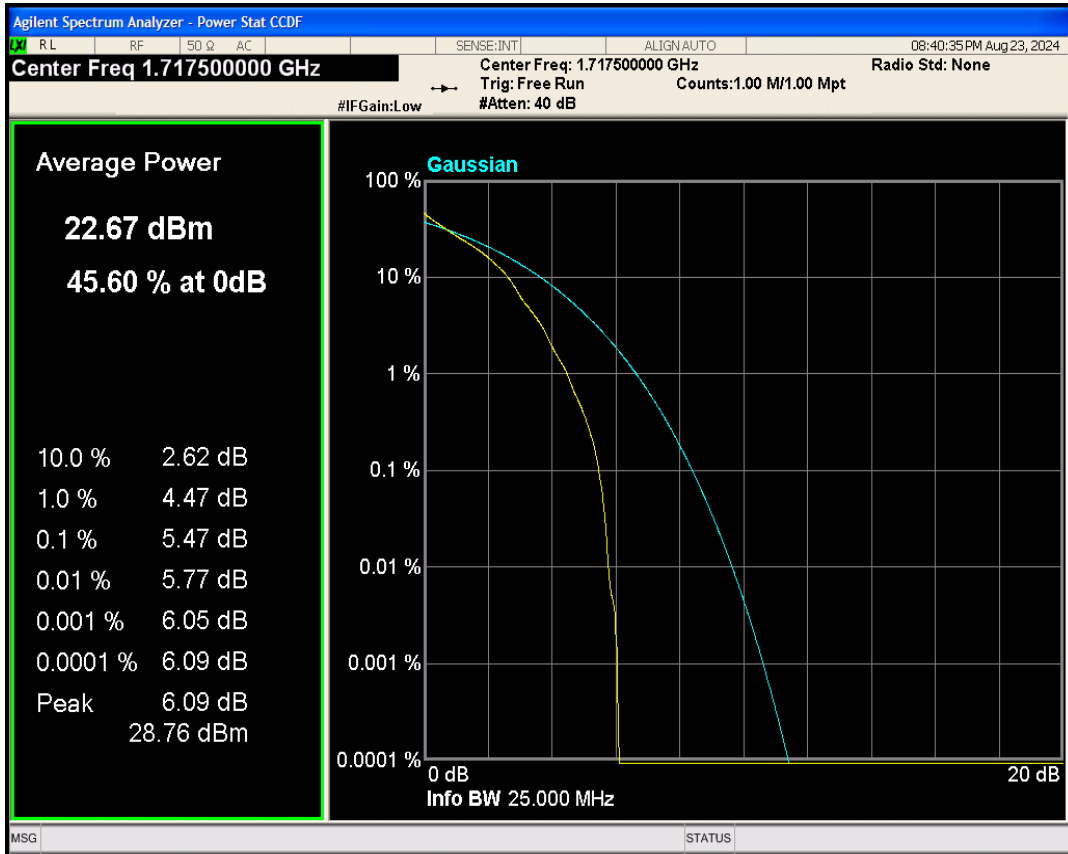
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



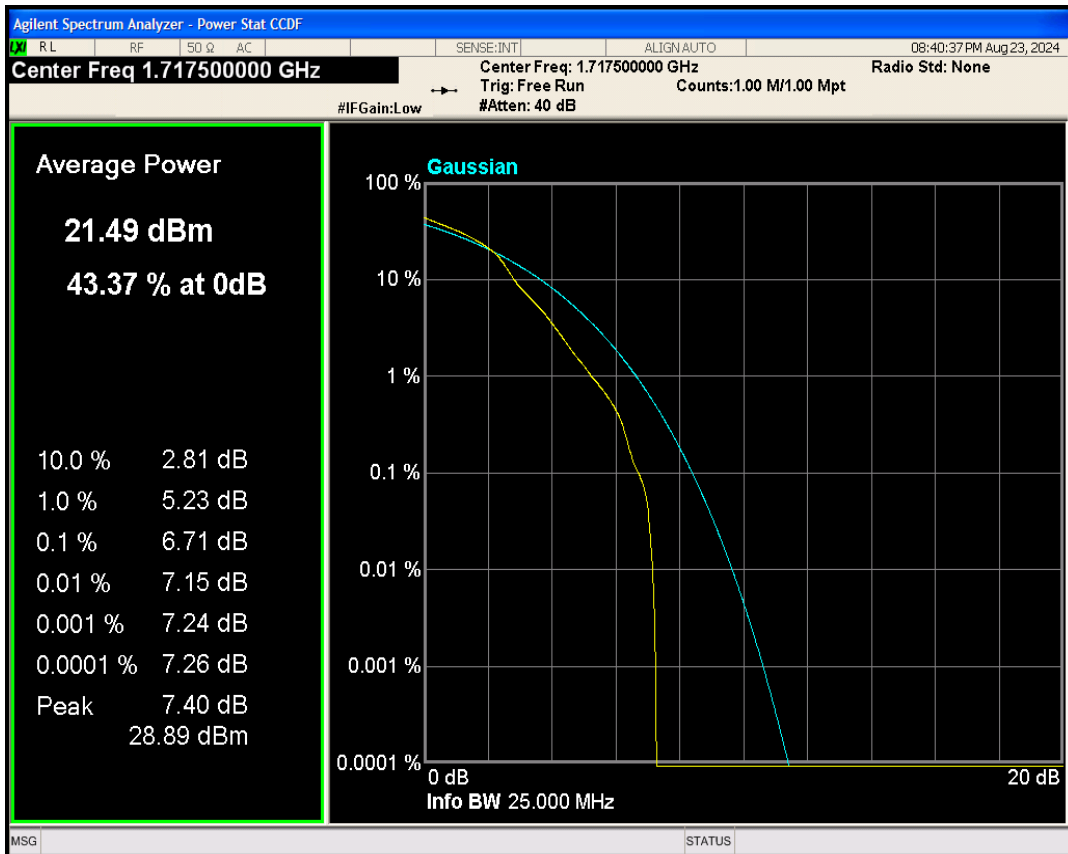
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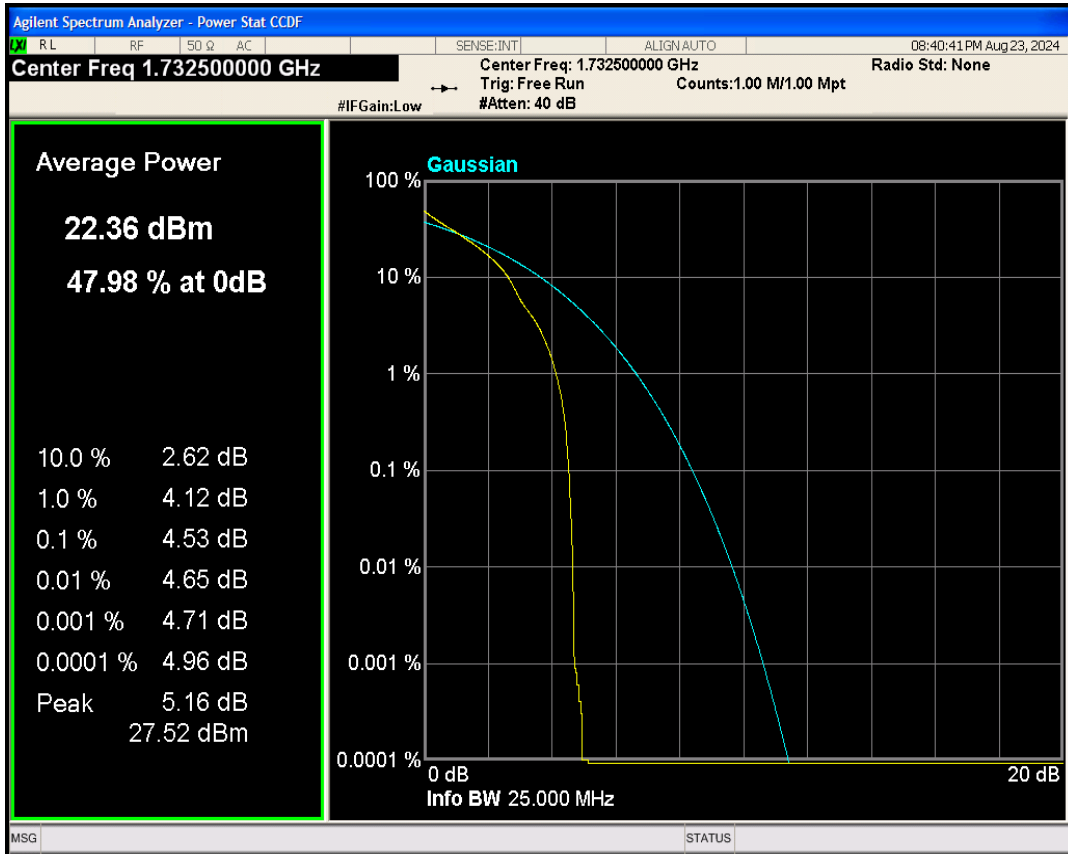
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



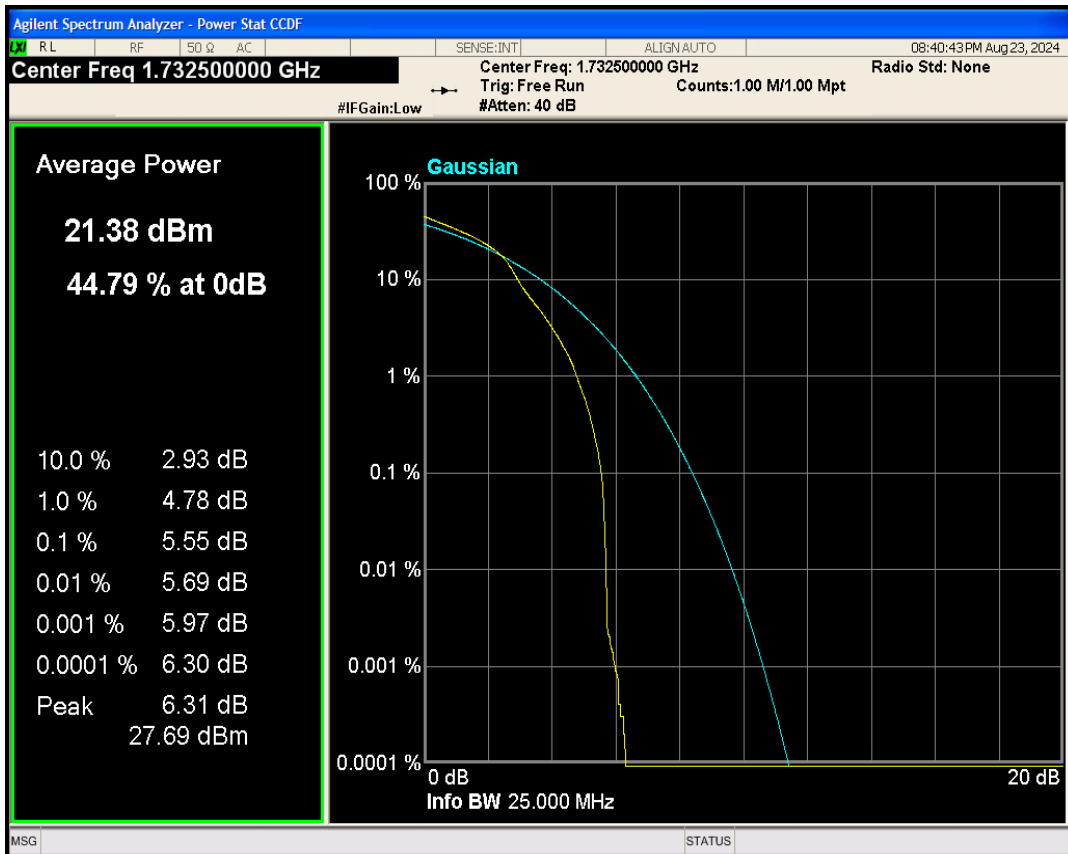
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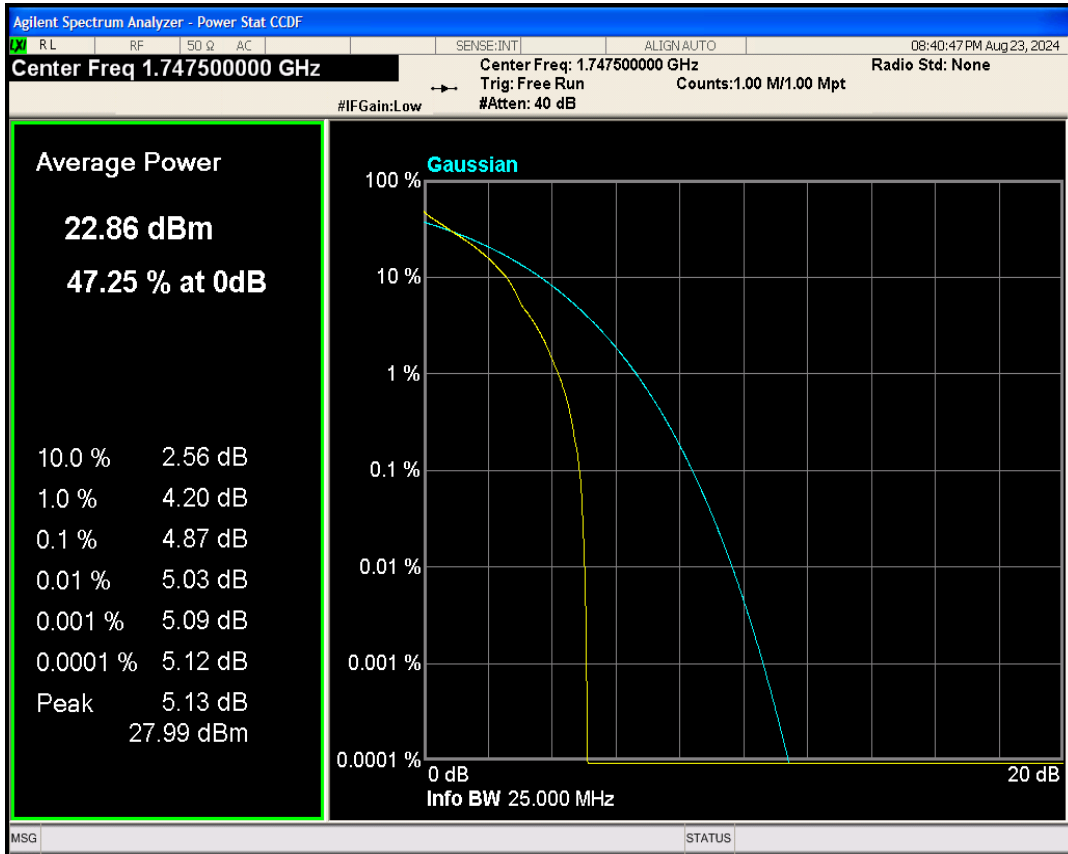
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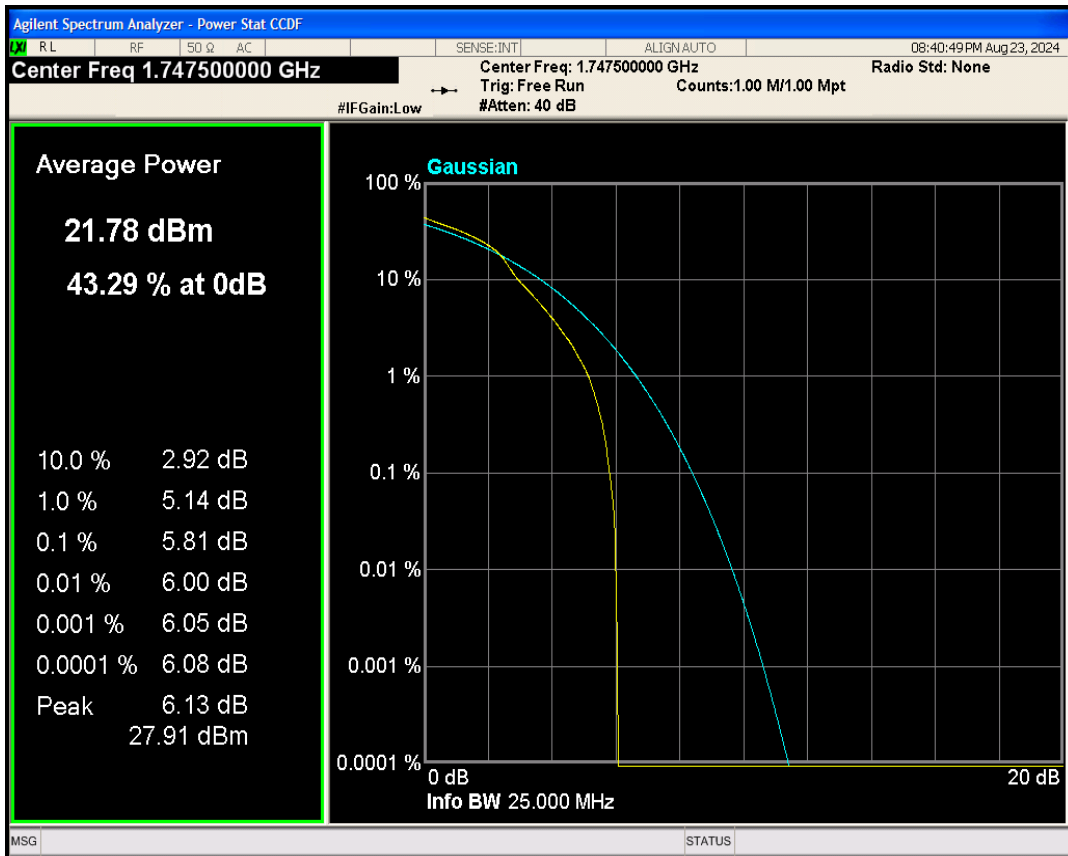
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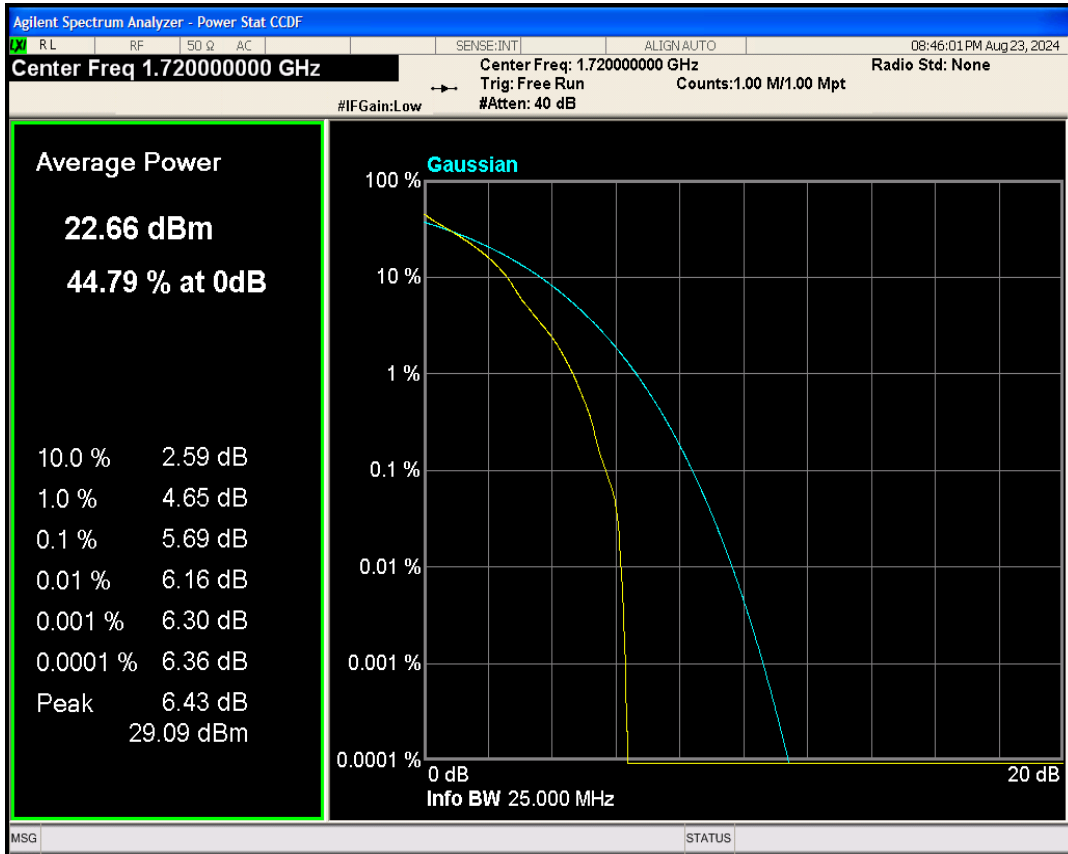
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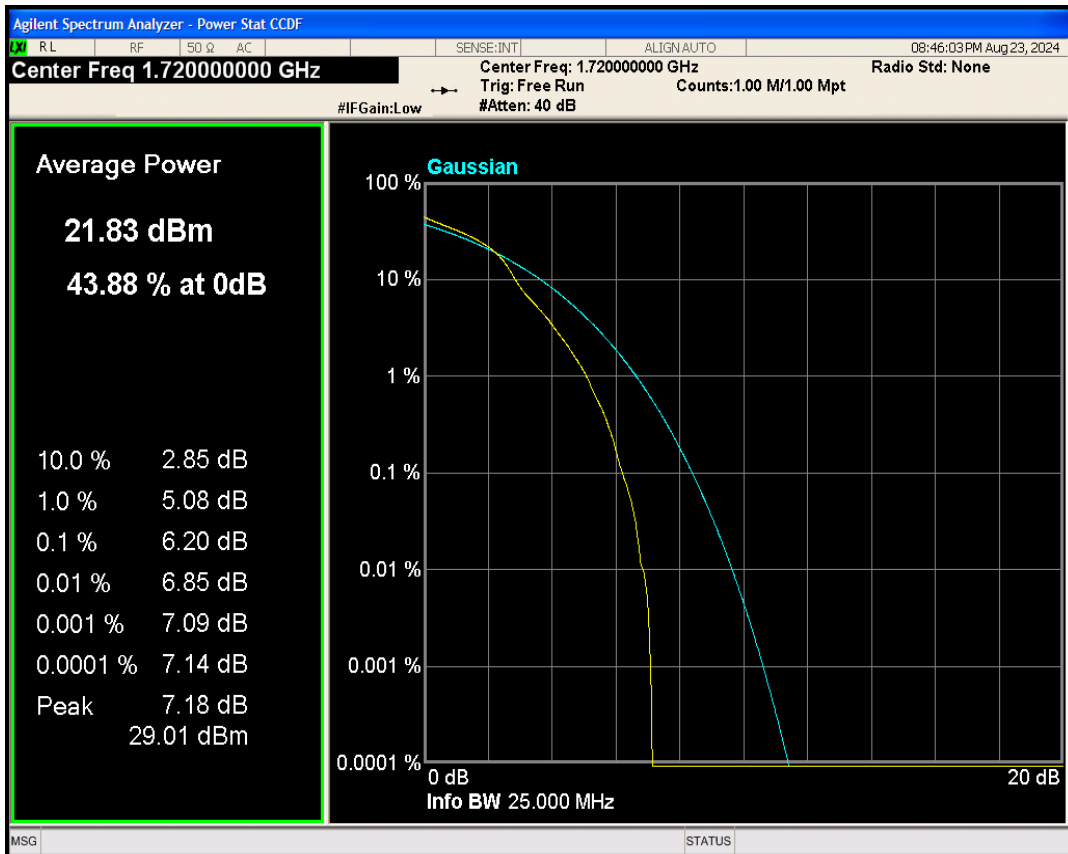
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0