

Appendix for Band 12

FCC ID: 2ALPLQ110S

Report No.: BCTC2407086293-3E

Applicant: Accutime Watch Corp.

Product Name: Kids Smart Watch

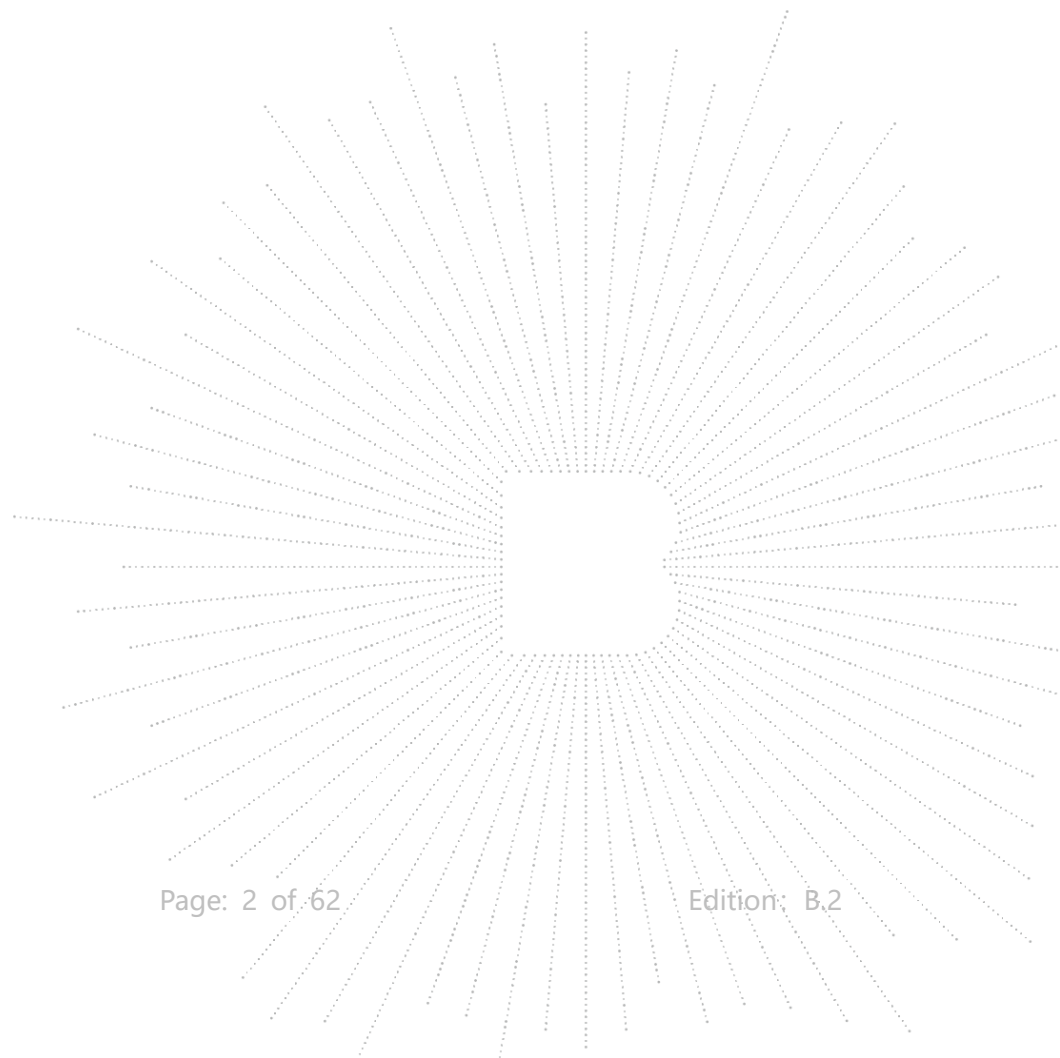
Test Model: HK4254

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

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

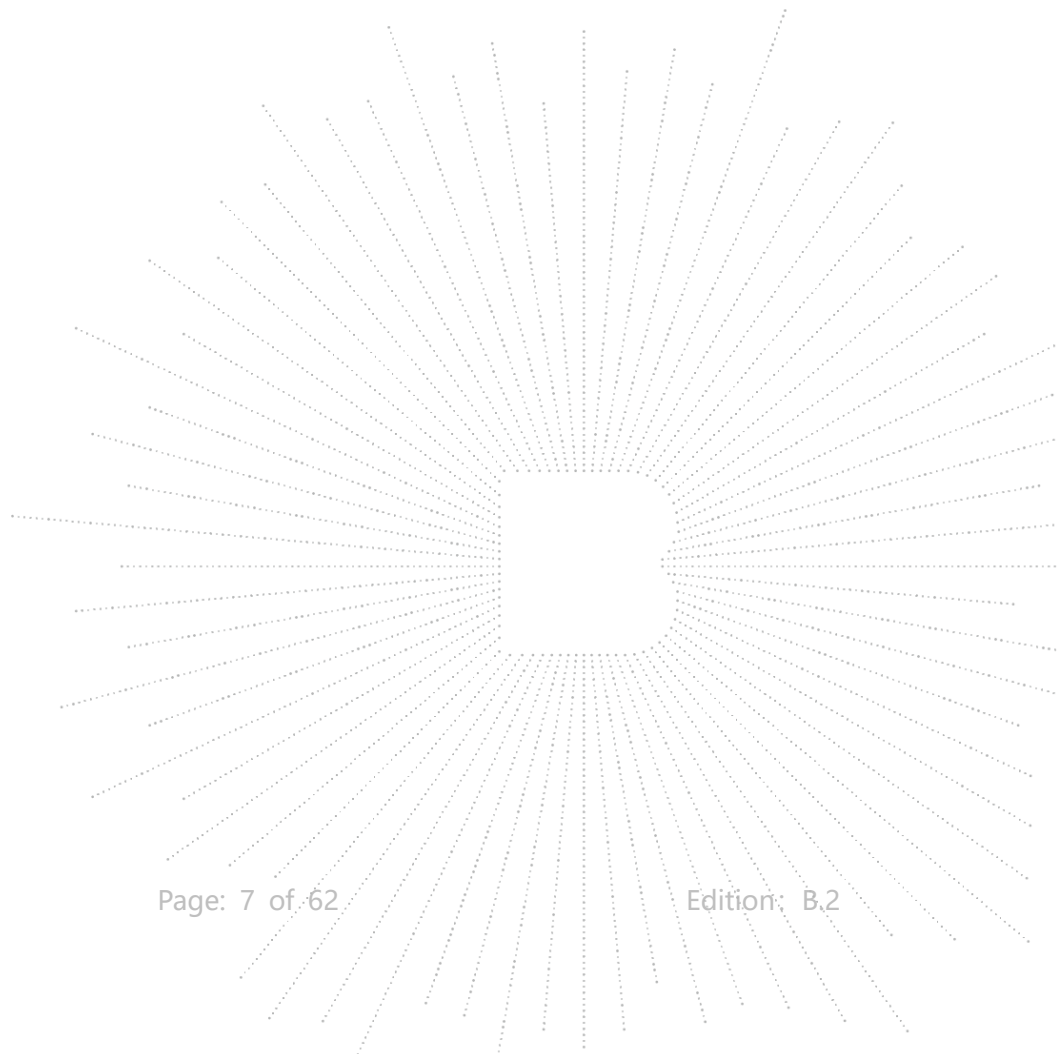
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.09	-6.43	14.51	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.10	-6.43	14.52	PASS
Band12	1.4	23017	1	#Max	QPSK	23.02	-6.43	14.44	PASS
Band12	1.4	23017	3	#0	QPSK	22.94	-6.43	14.36	PASS
Band12	1.4	23017	3	#Mid	QPSK	22.95	-6.43	14.37	PASS
Band12	1.4	23017	3	#Max	QPSK	23.03	-6.43	14.45	PASS
Band12	1.4	23017	6	#0	QPSK	22.00	-6.43	13.42	PASS
Band12	1.4	23017	1	#0	16QAM	23.26	-6.43	14.68	PASS
Band12	1.4	23017	1	#Mid	16QAM	23.32	-6.43	14.74	PASS
Band12	1.4	23017	1	#Max	16QAM	23.22	-6.43	14.64	PASS
Band12	1.4	23017	3	#0	16QAM	22.33	-6.43	13.75	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.35	-6.43	13.77	PASS
Band12	1.4	23017	3	#Max	16QAM	22.35	-6.43	13.77	PASS
Band12	1.4	23017	6	#0	16QAM	21.24	-6.43	12.66	PASS
Band12	1.4	23095	1	#0	QPSK	22.89	-6.43	14.31	PASS
Band12	1.4	23095	1	#Mid	QPSK	22.92	-6.43	14.34	PASS
Band12	1.4	23095	1	#Max	QPSK	22.85	-6.43	14.27	PASS
Band12	1.4	23095	3	#0	QPSK	22.96	-6.43	14.38	PASS
Band12	1.4	23095	3	#Mid	QPSK	22.76	-6.43	14.18	PASS
Band12	1.4	23095	3	#Max	QPSK	22.84	-6.43	14.26	PASS
Band12	1.4	23095	6	#0	QPSK	22.01	-6.43	13.43	PASS
Band12	1.4	23095	1	#0	16QAM	22.66	-6.43	14.08	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.56	-6.43	13.98	PASS
Band12	1.4	23095	1	#Max	16QAM	22.57	-6.43	13.99	PASS
Band12	1.4	23095	3	#0	16QAM	22.31	-6.43	13.73	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.34	-6.43	13.76	PASS
Band12	1.4	23095	3	#Max	16QAM	22.26	-6.43	13.68	PASS
Band12	1.4	23095	6	#0	16QAM	21.02	-6.43	12.44	PASS
Band12	1.4	23173	1	#0	QPSK	22.96	-6.43	14.38	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.04	-6.43	14.46	PASS
Band12	1.4	23173	1	#Max	QPSK	22.99	-6.43	14.41	PASS
Band12	1.4	23173	3	#0	QPSK	22.91	-6.43	14.33	PASS
Band12	1.4	23173	3	#Mid	QPSK	22.88	-6.43	14.30	PASS
Band12	1.4	23173	3	#Max	QPSK	22.90	-6.43	14.32	PASS
Band12	1.4	23173	6	#0	QPSK	21.89	-6.43	13.31	PASS
Band12	1.4	23173	1	#0	16QAM	23.32	-6.43	14.74	PASS
Band12	1.4	23173	1	#Mid	16QAM	23.36	-6.43	14.78	PASS
Band12	1.4	23173	1	#Max	16QAM	23.31	-6.43	14.73	PASS

Band12	1.4	23173	3	#0	16QAM	22.33	-6.43	13.75	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.29	-6.43	13.71	PASS
Band12	1.4	23173	3	#Max	16QAM	22.33	-6.43	13.75	PASS
Band12	1.4	23173	6	#0	16QAM	21.26	-6.43	12.68	PASS
Band12	3	23025	1	#0	QPSK	23.00	-6.43	14.42	PASS
Band12	3	23025	1	#Mid	QPSK	22.90	-6.43	14.32	PASS
Band12	3	23025	1	#Max	QPSK	23.01	-6.43	14.43	PASS
Band12	3	23025	8	#0	QPSK	21.99	-6.43	13.41	PASS
Band12	3	23025	8	#Mid	QPSK	22.08	-6.43	13.50	PASS
Band12	3	23025	8	#Max	QPSK	22.09	-6.43	13.51	PASS
Band12	3	23025	15	#0	QPSK	22.00	-6.43	13.42	PASS
Band12	3	23025	1	#0	16QAM	22.92	-6.43	14.34	PASS
Band12	3	23025	1	#Mid	16QAM	22.83	-6.43	14.25	PASS
Band12	3	23025	1	#Max	16QAM	22.82	-6.43	14.24	PASS
Band12	3	23025	8	#0	16QAM	20.81	-6.43	12.23	PASS
Band12	3	23025	8	#Mid	16QAM	20.82	-6.43	12.24	PASS
Band12	3	23025	8	#Max	16QAM	20.90	-6.43	12.32	PASS
Band12	3	23025	15	#0	16QAM	20.98	-6.43	12.40	PASS
Band12	3	23095	1	#0	QPSK	22.77	-6.43	14.19	PASS
Band12	3	23095	1	#Mid	QPSK	22.80	-6.43	14.22	PASS
Band12	3	23095	1	#Max	QPSK	22.77	-6.43	14.19	PASS
Band12	3	23095	8	#0	QPSK	21.79	-6.43	13.21	PASS
Band12	3	23095	8	#Mid	QPSK	21.96	-6.43	13.38	PASS
Band12	3	23095	8	#Max	QPSK	21.91	-6.43	13.33	PASS
Band12	3	23095	15	#0	QPSK	21.98	-6.43	13.40	PASS
Band12	3	23095	1	#0	16QAM	22.47	-6.43	13.89	PASS
Band12	3	23095	1	#Mid	16QAM	22.47	-6.43	13.89	PASS
Band12	3	23095	1	#Max	16QAM	22.57	-6.43	13.99	PASS
Band12	3	23095	8	#0	16QAM	21.27	-6.43	12.69	PASS
Band12	3	23095	8	#Mid	16QAM	21.14	-6.43	12.56	PASS
Band12	3	23095	8	#Max	16QAM	21.16	-6.43	12.58	PASS
Band12	3	23095	15	#0	16QAM	20.94	-6.43	12.36	PASS
Band12	3	23165	1	#0	QPSK	23.07	-6.43	14.49	PASS
Band12	3	23165	1	#Mid	QPSK	22.99	-6.43	14.41	PASS
Band12	3	23165	1	#Max	QPSK	23.10	-6.43	14.52	PASS
Band12	3	23165	8	#0	QPSK	21.91	-6.43	13.33	PASS
Band12	3	23165	8	#Mid	QPSK	21.92	-6.43	13.34	PASS
Band12	3	23165	8	#Max	QPSK	21.92	-6.43	13.34	PASS
Band12	3	23165	15	#0	QPSK	21.90	-6.43	13.32	PASS
Band12	3	23165	1	#0	16QAM	22.99	-6.43	14.41	PASS
Band12	3	23165	1	#Mid	16QAM	23.00	-6.43	14.42	PASS
Band12	3	23165	1	#Max	16QAM	23.05	-6.43	14.47	PASS
Band12	3	23165	8	#0	16QAM	21.08	-6.43	12.50	PASS

Band12	3	23165	8	#Mid	16QAM	21.09	-6.43	12.51	PASS
Band12	3	23165	8	#Max	16QAM	21.11	-6.43	12.53	PASS
Band12	3	23165	15	#0	16QAM	21.12	-6.43	12.54	PASS
Band12	5	23035	1	#0	QPSK	22.93	-6.43	14.35	PASS
Band12	5	23035	1	#Mid	QPSK	22.85	-6.43	14.27	PASS
Band12	5	23035	1	#Max	QPSK	22.85	-6.43	14.27	PASS
Band12	5	23035	12	#0	QPSK	22.02	-6.43	13.44	PASS
Band12	5	23035	12	#Mid	QPSK	21.87	-6.43	13.29	PASS
Band12	5	23035	12	#Max	QPSK	21.98	-6.43	13.40	PASS
Band12	5	23035	25	#0	QPSK	21.93	-6.43	13.35	PASS
Band12	5	23035	1	#0	16QAM	22.09	-6.43	13.51	PASS
Band12	5	23035	1	#Mid	16QAM	22.05	-6.43	13.47	PASS
Band12	5	23035	1	#Max	16QAM	22.20	-6.43	13.62	PASS
Band12	5	23035	12	#0	16QAM	20.83	-6.43	12.25	PASS
Band12	5	23035	12	#Mid	16QAM	20.85	-6.43	12.27	PASS
Band12	5	23035	12	#Max	16QAM	20.81	-6.43	12.23	PASS
Band12	5	23035	25	#0	16QAM	21.05	-6.43	12.47	PASS
Band12	5	23095	1	#0	QPSK	22.71	-6.43	14.13	PASS
Band12	5	23095	1	#Mid	QPSK	22.76	-6.43	14.18	PASS
Band12	5	23095	1	#Max	QPSK	22.78	-6.43	14.20	PASS
Band12	5	23095	12	#0	QPSK	21.83	-6.43	13.25	PASS
Band12	5	23095	12	#Mid	QPSK	21.98	-6.43	13.40	PASS
Band12	5	23095	12	#Max	QPSK	21.94	-6.43	13.36	PASS
Band12	5	23095	25	#0	QPSK	22.02	-6.43	13.44	PASS
Band12	5	23095	1	#0	16QAM	21.44	-6.43	12.86	PASS
Band12	5	23095	1	#Mid	16QAM	21.50	-6.43	12.92	PASS
Band12	5	23095	1	#Max	16QAM	21.58	-6.43	13.00	PASS
Band12	5	23095	12	#0	16QAM	20.95	-6.43	12.37	PASS
Band12	5	23095	12	#Mid	16QAM	20.80	-6.43	12.22	PASS
Band12	5	23095	12	#Max	16QAM	20.67	-6.43	12.09	PASS
Band12	5	23095	25	#0	16QAM	20.98	-6.43	12.40	PASS
Band12	5	23155	1	#0	QPSK	22.76	-6.43	14.18	PASS
Band12	5	23155	1	#Mid	QPSK	22.71	-6.43	14.13	PASS
Band12	5	23155	1	#Max	QPSK	22.76	-6.43	14.18	PASS
Band12	5	23155	12	#0	QPSK	21.83	-6.43	13.25	PASS
Band12	5	23155	12	#Mid	QPSK	21.78	-6.43	13.20	PASS
Band12	5	23155	12	#Max	QPSK	21.93	-6.43	13.35	PASS
Band12	5	23155	25	#0	QPSK	21.96	-6.43	13.38	PASS
Band12	5	23155	1	#0	16QAM	22.57	-6.43	13.99	PASS
Band12	5	23155	1	#Mid	16QAM	22.45	-6.43	13.87	PASS
Band12	5	23155	1	#Max	16QAM	22.49	-6.43	13.91	PASS
Band12	5	23155	12	#0	16QAM	20.85	-6.43	12.27	PASS
Band12	5	23155	12	#Mid	16QAM	21.09	-6.43	12.51	PASS

Band12	5	23155	12	#Max	16QAM	21.12	-6.43	12.54	PASS
Band12	5	23155	25	#0	16QAM	21.20	-6.43	12.62	PASS
Band12	10	23060	1	#0	QPSK	22.87	-6.43	14.29	PASS
Band12	10	23060	1	#Mid	QPSK	22.92	-6.43	14.34	PASS
Band12	10	23060	1	#Max	QPSK	22.77	-6.43	14.19	PASS
Band12	10	23060	25	#0	QPSK	22.05	-6.43	13.47	PASS
Band12	10	23060	25	#Mid	QPSK	21.91	-6.43	13.33	PASS
Band12	10	23060	25	#Max	QPSK	21.80	-6.43	13.22	PASS
Band12	10	23060	50	#0	QPSK	22.09	-6.43	13.51	PASS
Band12	10	23060	1	#0	16QAM	23.04	-6.43	14.46	PASS
Band12	10	23060	1	#Mid	16QAM	23.04	-6.43	14.46	PASS
Band12	10	23060	1	#Max	16QAM	23.02	-6.43	14.44	PASS
Band12	10	23060	25	#0	16QAM	20.89	-6.43	12.31	PASS
Band12	10	23060	25	#Mid	16QAM	20.79	-6.43	12.21	PASS
Band12	10	23060	25	#Max	16QAM	20.90	-6.43	12.32	PASS
Band12	10	23060	50	#0	16QAM	20.87	-6.43	12.29	PASS
Band12	10	23095	1	#0	QPSK	22.92	-6.43	14.34	PASS
Band12	10	23095	1	#Mid	QPSK	22.78	-6.43	14.20	PASS
Band12	10	23095	1	#Max	QPSK	22.86	-6.43	14.28	PASS
Band12	10	23095	25	#0	QPSK	21.92	-6.43	13.34	PASS
Band12	10	23095	25	#Mid	QPSK	22.07	-6.43	13.49	PASS
Band12	10	23095	25	#Max	QPSK	21.82	-6.43	13.24	PASS
Band12	10	23095	50	#0	QPSK	22.02	-6.43	13.44	PASS
Band12	10	23095	1	#0	16QAM	21.89	-6.43	13.31	PASS
Band12	10	23095	1	#Mid	16QAM	21.89	-6.43	13.31	PASS
Band12	10	23095	1	#Max	16QAM	21.98	-6.43	13.40	PASS
Band12	10	23095	25	#0	16QAM	21.14	-6.43	12.56	PASS
Band12	10	23095	25	#Mid	16QAM	20.98	-6.43	12.40	PASS
Band12	10	23095	25	#Max	16QAM	20.85	-6.43	12.27	PASS
Band12	10	23095	50	#0	16QAM	20.98	-6.43	12.40	PASS
Band12	10	23130	1	#0	QPSK	22.97	-6.43	14.39	PASS
Band12	10	23130	1	#Mid	QPSK	23.16	-6.43	14.58	PASS
Band12	10	23130	1	#Max	QPSK	23.21	-6.43	14.63	PASS
Band12	10	23130	25	#0	QPSK	22.02	-6.43	13.44	PASS
Band12	10	23130	25	#Mid	QPSK	21.85	-6.43	13.27	PASS
Band12	10	23130	25	#Max	QPSK	21.80	-6.43	13.22	PASS
Band12	10	23130	50	#0	QPSK	21.89	-6.43	13.31	PASS
Band12	10	23130	1	#0	16QAM	21.85	-6.43	13.27	PASS
Band12	10	23130	1	#Mid	16QAM	21.90	-6.43	13.32	PASS
Band12	10	23130	1	#Max	16QAM	21.99	-6.43	13.41	PASS
Band12	10	23130	25	#0	16QAM	20.99	-6.43	12.41	PASS
Band12	10	23130	25	#Mid	16QAM	20.93	-6.43	12.35	PASS
Band12	10	23130	25	#Max	16QAM	21.11	-6.43	12.53	PASS

Band12	10	23130	50	#0	16QAM	20.89	-6.43	12.31	PASS
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Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band12	1.4	23017	6	#0	QPSK	LV	NT	33.45	0.048	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	44.66	0.064	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	10.21	0.015	PASS
Band12	1.4	23017	6	#0	16QAM	LV	NT	22.09	0.032	PASS
Band12	1.4	23017	6	#0	16QAM	NV	NT	27.89	0.040	PASS
Band12	1.4	23017	6	#0	16QAM	HV	NT	33.89	0.048	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	3.75	0.005	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	3.95	0.006	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	2.69	0.004	PASS
Band12	1.4	23095	6	#0	16QAM	LV	NT	0.73	0.001	PASS
Band12	1.4	23095	6	#0	16QAM	NV	NT	-1.57	-0.002	PASS
Band12	1.4	23095	6	#0	16QAM	HV	NT	-6.05	-0.009	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	-12.04	-0.017	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	-18.73	-0.026	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	-25.76	-0.036	PASS
Band12	1.4	23173	6	#0	16QAM	LV	NT	-34.39	-0.048	PASS
Band12	1.4	23173	6	#0	16QAM	NV	NT	-42.51	-0.059	PASS
Band12	1.4	23173	6	#0	16QAM	HV	NT	2.40	0.003	PASS
Band12	3	23025	15	#0	QPSK	LV	NT	-26.51	-0.038	PASS
Band12	3	23025	15	#0	QPSK	NV	NT	-36.22	-0.052	PASS
Band12	3	23025	15	#0	QPSK	HV	NT	-46.23	-0.066	PASS
Band12	3	23025	15	#0	16QAM	LV	NT	-4.06	-0.006	PASS
Band12	3	23025	15	#0	16QAM	NV	NT	-13.45	-0.019	PASS
Band12	3	23025	15	#0	16QAM	HV	NT	-22.32	-0.032	PASS
Band12	3	23095	15	#0	QPSK	LV	NT	-21.56	-0.030	PASS
Band12	3	23095	15	#0	QPSK	NV	NT	-28.88	-0.041	PASS
Band12	3	23095	15	#0	QPSK	HV	NT	-36.98	-0.052	PASS
Band12	3	23095	15	#0	16QAM	LV	NT	-45.95	-0.065	PASS
Band12	3	23095	15	#0	16QAM	NV	NT	-8.00	-0.011	PASS
Band12	3	23095	15	#0	16QAM	HV	NT	-15.25	-0.022	PASS
Band12	3	23165	15	#0	QPSK	LV	NT	-16.98	-0.024	PASS
Band12	3	23165	15	#0	QPSK	NV	NT	-24.89	-0.035	PASS
Band12	3	23165	15	#0	QPSK	HV	NT	-32.74	-0.046	PASS
Band12	3	23165	15	#0	16QAM	LV	NT	-42.49	-0.059	PASS
Band12	3	23165	15	#0	16QAM	NV	NT	-0.21	0.000	PASS
Band12	3	23165	15	#0	16QAM	HV	NT	-7.78	-0.011	PASS
Band12	5	23035	25	#0	QPSK	LV	NT	-14.99	-0.021	PASS
Band12	5	23035	25	#0	QPSK	NV	NT	-20.37	-0.029	PASS

Band12	5	23035	25	#0	QPSK	HV	NT	-25.42	-0.036	PASS
Band12	5	23035	25	#0	16QAM	LV	NT	-31.16	-0.044	PASS
Band12	5	23035	25	#0	16QAM	NV	NT	-37.42	-0.053	PASS
Band12	5	23035	25	#0	16QAM	HV	NT	-43.06	-0.061	PASS
Band12	5	23095	25	#0	QPSK	LV	NT	-19.87	-0.028	PASS
Band12	5	23095	25	#0	QPSK	NV	NT	-26.49	-0.037	PASS
Band12	5	23095	25	#0	QPSK	HV	NT	-33.82	-0.048	PASS
Band12	5	23095	25	#0	16QAM	LV	NT	-41.61	-0.059	PASS
Band12	5	23095	25	#0	16QAM	NV	NT	-32.14	-0.045	PASS
Band12	5	23095	25	#0	16QAM	HV	NT	-1.57	-0.002	PASS
Band12	5	23155	25	#0	QPSK	LV	NT	-15.01	-0.021	PASS
Band12	5	23155	25	#0	QPSK	NV	NT	-21.00	-0.029	PASS
Band12	5	23155	25	#0	QPSK	HV	NT	-27.09	-0.038	PASS
Band12	5	23155	25	#0	16QAM	LV	NT	-34.33	-0.048	PASS
Band12	5	23155	25	#0	16QAM	NV	NT	-40.90	-0.057	PASS
Band12	5	23155	25	#0	16QAM	HV	NT	-47.04	-0.066	PASS
Band12	10	23060	50	#0	QPSK	LV	NT	-16.14	-0.023	PASS
Band12	10	23060	50	#0	QPSK	NV	NT	-22.10	-0.031	PASS
Band12	10	23060	50	#0	QPSK	HV	NT	-27.94	-0.040	PASS
Band12	10	23060	50	#0	16QAM	LV	NT	-35.02	-0.050	PASS
Band12	10	23060	50	#0	16QAM	NV	NT	-41.73	-0.059	PASS
Band12	10	23060	50	#0	16QAM	HV	NT	-28.84	-0.041	PASS
Band12	10	23095	50	#0	QPSK	LV	NT	-7.30	-0.010	PASS
Band12	10	23095	50	#0	QPSK	NV	NT	-12.56	-0.018	PASS
Band12	10	23095	50	#0	QPSK	HV	NT	-17.25	-0.024	PASS
Band12	10	23095	50	#0	16QAM	LV	NT	-23.72	-0.034	PASS
Band12	10	23095	50	#0	16QAM	NV	NT	-29.10	-0.041	PASS
Band12	10	23095	50	#0	16QAM	HV	NT	-34.70	-0.049	PASS
Band12	10	23130	50	#0	QPSK	LV	NT	-11.10	-0.016	PASS
Band12	10	23130	50	#0	QPSK	NV	NT	-16.31	-0.023	PASS
Band12	10	23130	50	#0	QPSK	HV	NT	-21.57	-0.030	PASS
Band12	10	23130	50	#0	16QAM	LV	NT	-26.58	-0.037	PASS
Band12	10	23130	50	#0	16QAM	NV	NT	-31.27	-0.044	PASS
Band12	10	23130	50	#0	16QAM	HV	NT	-35.92	-0.051	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band12	1.4	23017	6	#0	QPSK	NV	-30	18.53	0.026	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-20	23.96	0.034	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-10	28.45	0.041	PASS
Band12	1.4	23017	6	#0	QPSK	NV	0	31.27	0.045	PASS
Band12	1.4	23017	6	#0	QPSK	NV	10	33.70	0.048	PASS
Band12	1.4	23017	6	#0	QPSK	NV	20	34.58	0.049	PASS

Band12	1.4	23017	6	#0	QPSK	NV	30	35.32	0.050	PASS
Band12	1.4	23017	6	#0	QPSK	NV	40	34.46	0.049	PASS
Band12	1.4	23017	6	#0	QPSK	NV	50	32.47	0.046	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-30	28.65	0.041	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-20	25.22	0.036	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-10	19.44	0.028	PASS
Band12	1.4	23017	6	#0	16QAM	NV	0	15.12	0.022	PASS
Band12	1.4	23017	6	#0	16QAM	NV	10	9.08	0.013	PASS
Band12	1.4	23017	6	#0	16QAM	NV	20	3.46	0.005	PASS
Band12	1.4	23017	6	#0	16QAM	NV	30	-2.29	-0.003	PASS
Band12	1.4	23017	6	#0	16QAM	NV	40	-8.87	-0.013	PASS
Band12	1.4	23017	6	#0	16QAM	NV	50	-15.62	-0.022	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-30	-11.76	-0.017	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-20	-19.58	-0.028	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-10	-26.22	-0.037	PASS
Band12	1.4	23095	6	#0	QPSK	NV	0	-33.75	-0.048	PASS
Band12	1.4	23095	6	#0	QPSK	NV	10	-40.63	-0.057	PASS
Band12	1.4	23095	6	#0	QPSK	NV	20	-47.99	-0.068	PASS
Band12	1.4	23095	6	#0	QPSK	NV	30	-11.26	-0.016	PASS
Band12	1.4	23095	6	#0	QPSK	NV	40	-19.84	-0.028	PASS
Band12	1.4	23095	6	#0	QPSK	NV	50	-26.95	-0.038	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-30	-37.92	-0.054	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-20	-45.89	-0.065	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-10	-13.36	-0.019	PASS
Band12	1.4	23095	6	#0	16QAM	NV	0	-22.62	-0.032	PASS
Band12	1.4	23095	6	#0	16QAM	NV	10	-31.24	-0.044	PASS
Band12	1.4	23095	6	#0	16QAM	NV	20	-40.33	-0.057	PASS
Band12	1.4	23095	6	#0	16QAM	NV	30	-32.40	-0.046	PASS
Band12	1.4	23095	6	#0	16QAM	NV	40	-2.60	-0.004	PASS
Band12	1.4	23095	6	#0	16QAM	NV	50	-9.57	-0.014	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-30	-17.57	-0.025	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-20	-25.79	-0.036	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-10	-33.19	-0.046	PASS
Band12	1.4	23173	6	#0	QPSK	NV	0	-40.74	-0.057	PASS
Band12	1.4	23173	6	#0	QPSK	NV	10	-49.34	-0.069	PASS
Band12	1.4	23173	6	#0	QPSK	NV	20	-8.78	-0.012	PASS
Band12	1.4	23173	6	#0	QPSK	NV	30	-17.70	-0.025	PASS
Band12	1.4	23173	6	#0	QPSK	NV	40	-24.85	-0.035	PASS
Band12	1.4	23173	6	#0	QPSK	NV	50	-33.22	-0.046	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-30	-42.49	-0.059	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-20	2.76	0.004	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-10	-4.91	-0.007	PASS
Band12	1.4	23173	6	#0	16QAM	NV	0	-13.05	-0.018	PASS

Band12	1.4	23173	6	#0	16QAM	NV	10	-21.54	-0.030	PASS
Band12	1.4	23173	6	#0	16QAM	NV	20	-29.14	-0.041	PASS
Band12	1.4	23173	6	#0	16QAM	NV	30	-36.06	-0.050	PASS
Band12	1.4	23173	6	#0	16QAM	NV	40	-44.42	-0.062	PASS
Band12	1.4	23173	6	#0	16QAM	NV	50	-5.62	-0.008	PASS
Band12	3	23025	15	#0	QPSK	NV	-30	0.00	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	-20	0.00	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	-10	0.00	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	0	0.00	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	10	0.00	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	20	0.00	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	30	0.00	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	40	0.00	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	50	0.00	0.000	PASS
Band12	3	23025	15	#0	16QAM	NV	-30	-0.09	0.000	PASS
Band12	3	23025	15	#0	16QAM	NV	-20	-1.80	-0.003	PASS
Band12	3	23025	15	#0	16QAM	NV	-10	-2.93	-0.004	PASS
Band12	3	23025	15	#0	16QAM	NV	0	-6.54	-0.009	PASS
Band12	3	23025	15	#0	16QAM	NV	10	-11.50	-0.016	PASS
Band12	3	23025	15	#0	16QAM	NV	20	-18.67	-0.027	PASS
Band12	3	23025	15	#0	16QAM	NV	30	-26.71	-0.038	PASS
Band12	3	23025	15	#0	16QAM	NV	40	-36.69	-0.052	PASS
Band12	3	23025	15	#0	16QAM	NV	50	-17.68	-0.025	PASS
Band12	3	23095	15	#0	QPSK	NV	-30	-27.45	-0.039	PASS
Band12	3	23095	15	#0	QPSK	NV	-20	-42.49	-0.060	PASS
Band12	3	23095	15	#0	QPSK	NV	-10	-12.83	-0.018	PASS
Band12	3	23095	15	#0	QPSK	NV	0	-30.30	-0.043	PASS
Band12	3	23095	15	#0	QPSK	NV	10	-46.98	-0.066	PASS
Band12	3	23095	15	#0	QPSK	NV	20	-14.71	-0.021	PASS
Band12	3	23095	15	#0	QPSK	NV	30	-31.16	-0.044	PASS
Band12	3	23095	15	#0	QPSK	NV	40	-39.14	-0.055	PASS
Band12	3	23095	15	#0	QPSK	NV	50	-19.00	-0.027	PASS
Band12	3	23095	15	#0	16QAM	NV	-30	-38.05	-0.054	PASS
Band12	3	23095	15	#0	16QAM	NV	-20	0.89	0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	-10	-12.66	-0.018	PASS
Band12	3	23095	15	#0	16QAM	NV	0	-25.65	-0.036	PASS
Band12	3	23095	15	#0	16QAM	NV	10	-39.65	-0.056	PASS
Band12	3	23095	15	#0	16QAM	NV	20	-10.33	-0.015	PASS
Band12	3	23095	15	#0	16QAM	NV	30	-27.67	-0.039	PASS
Band12	3	23095	15	#0	16QAM	NV	40	-47.09	-0.067	PASS
Band12	3	23095	15	#0	16QAM	NV	50	-15.98	-0.023	PASS
Band12	3	23165	15	#0	QPSK	NV	-30	-43.34	-0.061	PASS
Band12	3	23165	15	#0	QPSK	NV	-20	-10.54	-0.015	PASS

Band12	3	23165	15	#0	QPSK	NV	-10	-26.62	-0.037	PASS
Band12	3	23165	15	#0	QPSK	NV	0	-42.77	-0.060	PASS
Band12	3	23165	15	#0	QPSK	NV	10	-10.86	-0.015	PASS
Band12	3	23165	15	#0	QPSK	NV	20	-27.61	-0.039	PASS
Band12	3	23165	15	#0	QPSK	NV	30	-44.00	-0.062	PASS
Band12	3	23165	15	#0	QPSK	NV	40	-11.70	-0.016	PASS
Band12	3	23165	15	#0	QPSK	NV	50	-27.88	-0.039	PASS
Band12	3	23165	15	#0	16QAM	NV	-30	-48.97	-0.069	PASS
Band12	3	23165	15	#0	16QAM	NV	-20	-15.69	-0.022	PASS
Band12	3	23165	15	#0	16QAM	NV	-10	-32.42	-0.045	PASS
Band12	3	23165	15	#0	16QAM	NV	0	-21.79	-0.030	PASS
Band12	3	23165	15	#0	16QAM	NV	10	-19.61	-0.027	PASS
Band12	3	23165	15	#0	16QAM	NV	20	-34.69	-0.049	PASS
Band12	3	23165	15	#0	16QAM	NV	30	-18.27	-0.026	PASS
Band12	3	23165	15	#0	16QAM	NV	40	-12.12	-0.017	PASS
Band12	3	23165	15	#0	16QAM	NV	50	-26.41	-0.037	PASS
Band12	5	23035	25	#0	QPSK	NV	-30	-26.79	-0.038	PASS
Band12	5	23035	25	#0	QPSK	NV	-20	-39.45	-0.056	PASS
Band12	5	23035	25	#0	QPSK	NV	-10	-6.08	-0.009	PASS
Band12	5	23035	25	#0	QPSK	NV	0	-12.16	-0.017	PASS
Band12	5	23035	25	#0	QPSK	NV	10	-24.06	-0.034	PASS
Band12	5	23035	25	#0	QPSK	NV	20	-33.73	-0.048	PASS
Band12	5	23035	25	#0	QPSK	NV	30	-44.00	-0.063	PASS
Band12	5	23035	25	#0	QPSK	NV	40	-9.54	-0.014	PASS
Band12	5	23035	25	#0	QPSK	NV	50	-19.74	-0.028	PASS
Band12	5	23035	25	#0	16QAM	NV	-30	-31.97	-0.046	PASS
Band12	5	23035	25	#0	16QAM	NV	-20	-41.51	-0.059	PASS
Band12	5	23035	25	#0	16QAM	NV	-10	-14.26	-0.020	PASS
Band12	5	23035	25	#0	16QAM	NV	0	-13.99	-0.020	PASS
Band12	5	23035	25	#0	16QAM	NV	10	-22.54	-0.032	PASS
Band12	5	23035	25	#0	16QAM	NV	20	-31.23	-0.045	PASS
Band12	5	23035	25	#0	16QAM	NV	30	-39.22	-0.056	PASS
Band12	5	23035	25	#0	16QAM	NV	40	-47.39	-0.068	PASS
Band12	5	23035	25	#0	16QAM	NV	50	-4.51	-0.006	PASS
Band12	5	23095	25	#0	QPSK	NV	-30	-17.48	-0.025	PASS
Band12	5	23095	25	#0	QPSK	NV	-20	-24.79	-0.035	PASS
Band12	5	23095	25	#0	QPSK	NV	-10	-31.23	-0.044	PASS
Band12	5	23095	25	#0	QPSK	NV	0	-37.84	-0.053	PASS
Band12	5	23095	25	#0	QPSK	NV	10	-44.32	-0.063	PASS
Band12	5	23095	25	#0	QPSK	NV	20	-5.04	-0.007	PASS
Band12	5	23095	25	#0	QPSK	NV	30	-11.60	-0.016	PASS
Band12	5	23095	25	#0	QPSK	NV	40	-18.91	-0.027	PASS
Band12	5	23095	25	#0	QPSK	NV	50	-25.69	-0.036	PASS

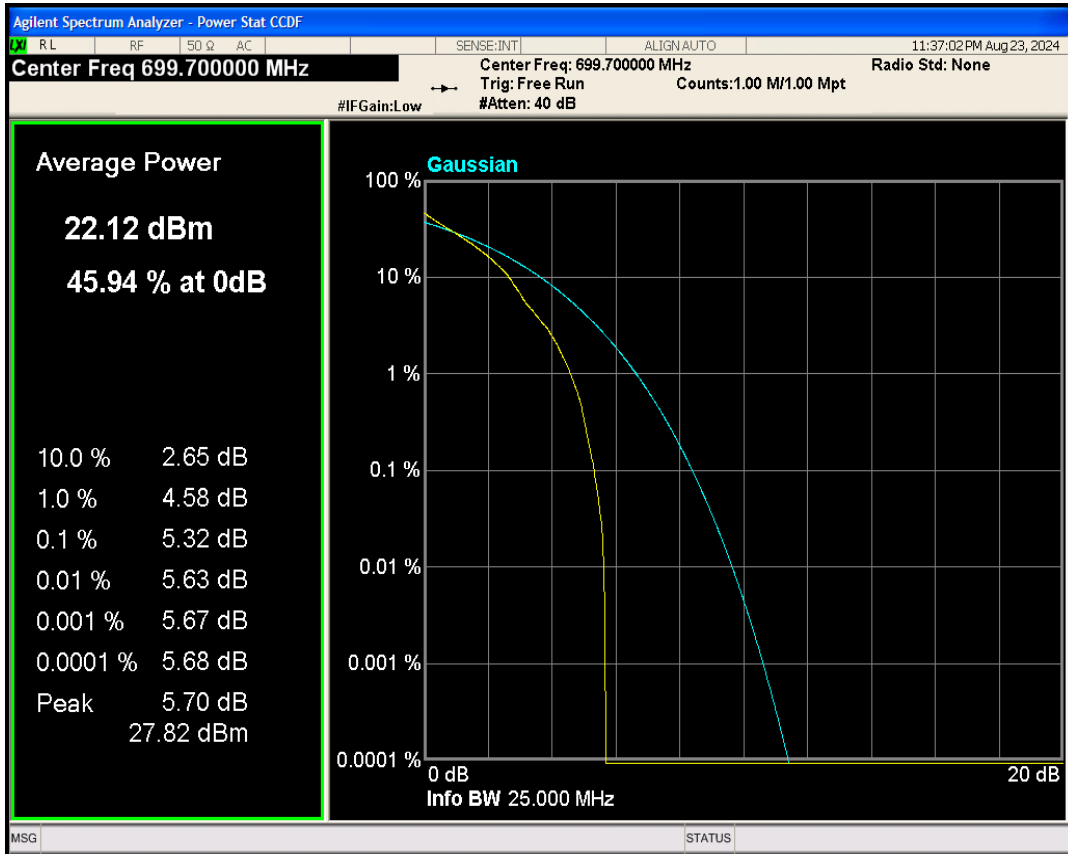
Band12	5	23095	25	#0	16QAM	NV	-30	-32.42	-0.046	PASS
Band12	5	23095	25	#0	16QAM	NV	-20	-38.68	-0.055	PASS
Band12	5	23095	25	#0	16QAM	NV	-10	-44.37	-0.063	PASS
Band12	5	23095	25	#0	16QAM	NV	0	-50.28	-0.071	PASS
Band12	5	23095	25	#0	16QAM	NV	10	-2.07	-0.003	PASS
Band12	5	23095	25	#0	16QAM	NV	20	-7.74	-0.011	PASS
Band12	5	23095	25	#0	16QAM	NV	30	-12.39	-0.018	PASS
Band12	5	23095	25	#0	16QAM	NV	40	-16.37	-0.023	PASS
Band12	5	23095	25	#0	16QAM	NV	50	-21.57	-0.030	PASS
Band12	5	23155	25	#0	QPSK	NV	-30	-12.22	-0.017	PASS
Band12	5	23155	25	#0	QPSK	NV	-20	-16.77	-0.024	PASS
Band12	5	23155	25	#0	QPSK	NV	-10	-21.10	-0.030	PASS
Band12	5	23155	25	#0	QPSK	NV	0	-25.95	-0.036	PASS
Band12	5	23155	25	#0	QPSK	NV	10	-30.81	-0.043	PASS
Band12	5	23155	25	#0	QPSK	NV	20	-36.32	-0.051	PASS
Band12	5	23155	25	#0	QPSK	NV	30	-42.26	-0.059	PASS
Band12	5	23155	25	#0	QPSK	NV	40	-37.18	-0.052	PASS
Band12	5	23155	25	#0	QPSK	NV	50	0.13	0.000	PASS
Band12	5	23155	25	#0	16QAM	NV	-30	-7.27	-0.010	PASS
Band12	5	23155	25	#0	16QAM	NV	-20	-13.35	-0.019	PASS
Band12	5	23155	25	#0	16QAM	NV	-10	-18.22	-0.026	PASS
Band12	5	23155	25	#0	16QAM	NV	0	-24.20	-0.034	PASS
Band12	5	23155	25	#0	16QAM	NV	10	-29.35	-0.041	PASS
Band12	5	23155	25	#0	16QAM	NV	20	-35.39	-0.050	PASS
Band12	5	23155	25	#0	16QAM	NV	30	-40.31	-0.056	PASS
Band12	5	23155	25	#0	16QAM	NV	40	-44.47	-0.062	PASS
Band12	5	23155	25	#0	16QAM	NV	50	-49.41	-0.069	PASS
Band12	10	23060	50	#0	QPSK	NV	-30	-3.56	-0.005	PASS
Band12	10	23060	50	#0	QPSK	NV	-20	-7.18	-0.010	PASS
Band12	10	23060	50	#0	QPSK	NV	-10	-11.12	-0.016	PASS
Band12	10	23060	50	#0	QPSK	NV	0	-15.39	-0.022	PASS
Band12	10	23060	50	#0	QPSK	NV	10	-19.54	-0.028	PASS
Band12	10	23060	50	#0	QPSK	NV	20	-24.78	-0.035	PASS
Band12	10	23060	50	#0	QPSK	NV	30	-29.64	-0.042	PASS
Band12	10	23060	50	#0	QPSK	NV	40	-34.02	-0.048	PASS
Band12	10	23060	50	#0	QPSK	NV	50	-38.74	-0.055	PASS
Band12	10	23060	50	#0	16QAM	NV	-30	-43.85	-0.062	PASS
Band12	10	23060	50	#0	16QAM	NV	-20	-3.09	-0.004	PASS
Band12	10	23060	50	#0	16QAM	NV	-10	-6.75	-0.010	PASS
Band12	10	23060	50	#0	16QAM	NV	0	-10.80	-0.015	PASS
Band12	10	23060	50	#0	16QAM	NV	10	-13.53	-0.019	PASS
Band12	10	23060	50	#0	16QAM	NV	20	-17.55	-0.025	PASS
Band12	10	23060	50	#0	16QAM	NV	30	-20.51	-0.029	PASS

Band12	10	23060	50	#0	16QAM	NV	40	-23.36	-0.033	PASS
Band12	10	23060	50	#0	16QAM	NV	50	-25.76	-0.037	PASS
Band12	10	23095	50	#0	QPSK	NV	-30	-4.18	-0.006	PASS
Band12	10	23095	50	#0	QPSK	NV	-20	-6.79	-0.010	PASS
Band12	10	23095	50	#0	QPSK	NV	-10	-9.58	-0.014	PASS
Band12	10	23095	50	#0	QPSK	NV	0	-11.87	-0.017	PASS
Band12	10	23095	50	#0	QPSK	NV	10	-14.91	-0.021	PASS
Band12	10	23095	50	#0	QPSK	NV	20	-18.58	-0.026	PASS
Band12	10	23095	50	#0	QPSK	NV	30	-21.62	-0.031	PASS
Band12	10	23095	50	#0	QPSK	NV	40	-25.28	-0.036	PASS
Band12	10	23095	50	#0	QPSK	NV	50	-27.79	-0.039	PASS
Band12	10	23095	50	#0	16QAM	NV	-30	-31.29	-0.044	PASS
Band12	10	23095	50	#0	16QAM	NV	-20	-33.95	-0.048	PASS
Band12	10	23095	50	#0	16QAM	NV	-10	-36.61	-0.052	PASS
Band12	10	23095	50	#0	16QAM	NV	0	-38.70	-0.055	PASS
Band12	10	23095	50	#0	16QAM	NV	10	-40.48	-0.057	PASS
Band12	10	23095	50	#0	16QAM	NV	20	-43.77	-0.062	PASS
Band12	10	23095	50	#0	16QAM	NV	30	-44.57	-0.063	PASS
Band12	10	23095	50	#0	16QAM	NV	40	-47.08	-0.067	PASS
Band12	10	23095	50	#0	16QAM	NV	50	-3.08	-0.004	PASS
Band12	10	23130	50	#0	QPSK	NV	-30	-4.84	-0.007	PASS
Band12	10	23130	50	#0	QPSK	NV	-20	-6.45	-0.009	PASS
Band12	10	23130	50	#0	QPSK	NV	-10	-9.31	-0.013	PASS
Band12	10	23130	50	#0	QPSK	NV	0	-11.67	-0.016	PASS
Band12	10	23130	50	#0	QPSK	NV	10	-14.36	-0.020	PASS
Band12	10	23130	50	#0	QPSK	NV	20	-16.92	-0.024	PASS
Band12	10	23130	50	#0	QPSK	NV	30	-20.18	-0.028	PASS
Band12	10	23130	50	#0	QPSK	NV	40	-22.47	-0.032	PASS
Band12	10	23130	50	#0	QPSK	NV	50	-25.35	-0.036	PASS
Band12	10	23130	50	#0	16QAM	NV	-30	-28.32	-0.040	PASS
Band12	10	23130	50	#0	16QAM	NV	-20	-30.78	-0.043	PASS
Band12	10	23130	50	#0	16QAM	NV	-10	-33.29	-0.047	PASS
Band12	10	23130	50	#0	16QAM	NV	0	-35.73	-0.050	PASS
Band12	10	23130	50	#0	16QAM	NV	10	-37.44	-0.053	PASS
Band12	10	23130	50	#0	16QAM	NV	20	-38.39	-0.054	PASS
Band12	10	23130	50	#0	16QAM	NV	30	-40.23	-0.057	PASS
Band12	10	23130	50	#0	16QAM	NV	40	-40.97	-0.058	PASS
Band12	10	23130	50	#0	16QAM	NV	50	-42.60	-0.060	PASS

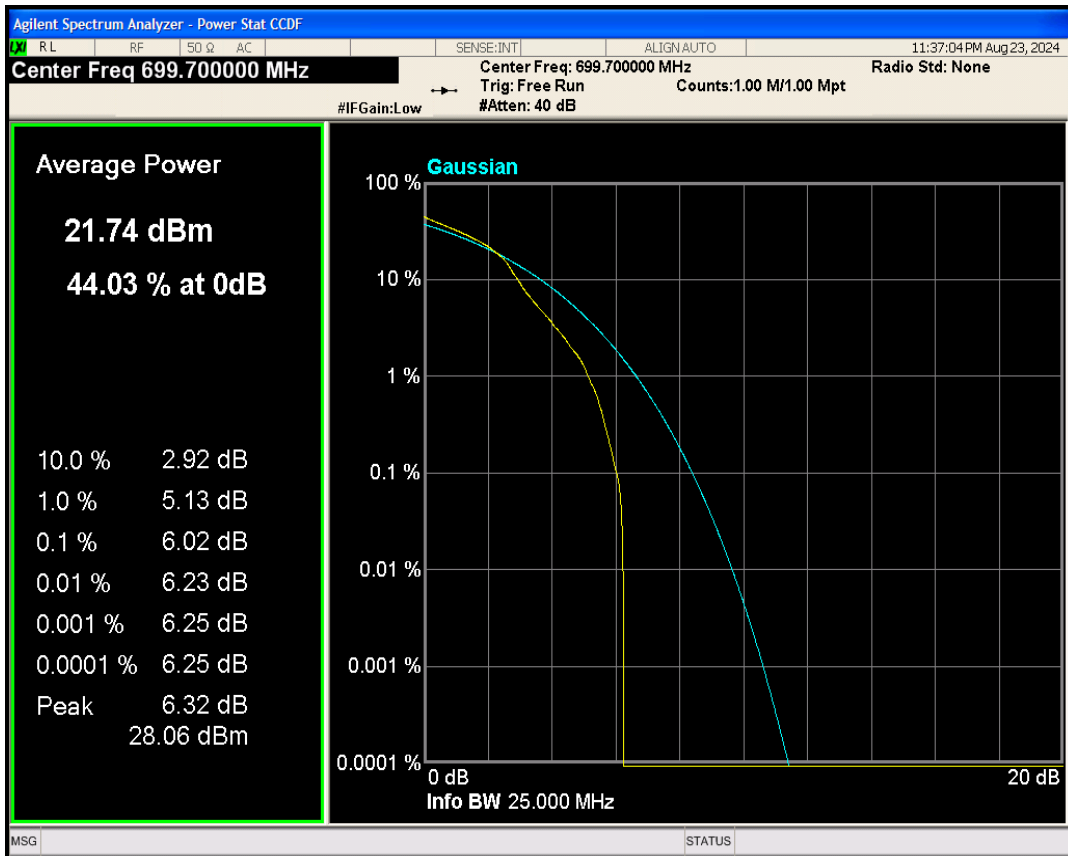
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	5.32	13	PASS
Band12	1.4	23017	1	#0	16QAM	6.02	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.46	13	PASS
Band12	1.4	23095	1	#0	16QAM	6.29	13	PASS
Band12	1.4	23173	1	#0	QPSK	5.61	13	PASS
Band12	1.4	23173	1	#0	16QAM	6.26	13	PASS
Band12	3	23025	1	#0	QPSK	5.37	13	PASS
Band12	3	23025	1	#0	16QAM	6.51	13	PASS
Band12	3	23095	1	#0	QPSK	5.68	13	PASS
Band12	3	23095	1	#0	16QAM	6.44	13	PASS
Band12	3	23165	1	#0	QPSK	5.31	13	PASS
Band12	3	23165	1	#0	16QAM	6.10	13	PASS
Band12	5	23035	1	#0	QPSK	5.53	13	PASS
Band12	5	23035	1	#0	16QAM	6.32	13	PASS
Band12	5	23095	1	#0	QPSK	5.82	13	PASS
Band12	5	23095	1	#0	16QAM	6.25	13	PASS
Band12	5	23155	1	#0	QPSK	5.07	13	PASS
Band12	5	23155	1	#0	16QAM	6.02	13	PASS
Band12	10	23060	1	#0	QPSK	5.23	13	PASS
Band12	10	23060	1	#0	16QAM	6.48	13	PASS
Band12	10	23095	1	#0	QPSK	5.47	13	PASS
Band12	10	23095	1	#0	16QAM	6.57	13	PASS
Band12	10	23130	1	#0	QPSK	5.27	13	PASS
Band12	10	23130	1	#0	16QAM	6.19	13	PASS

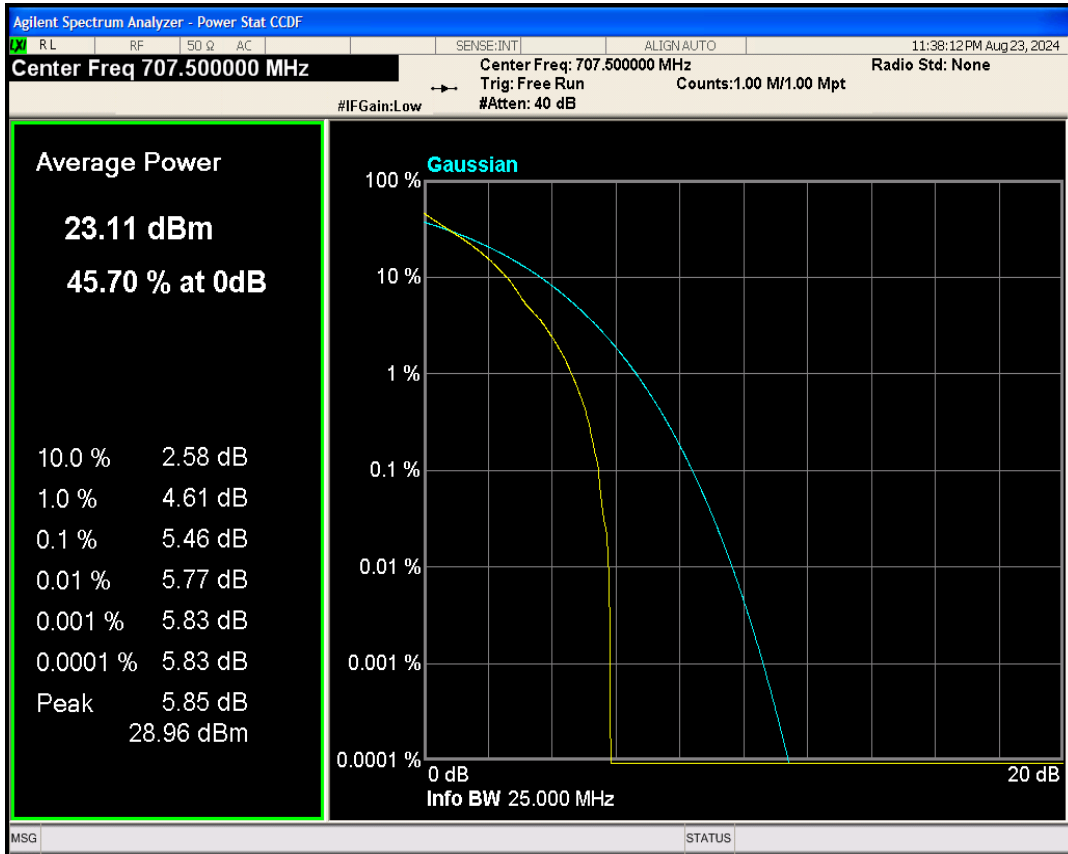
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



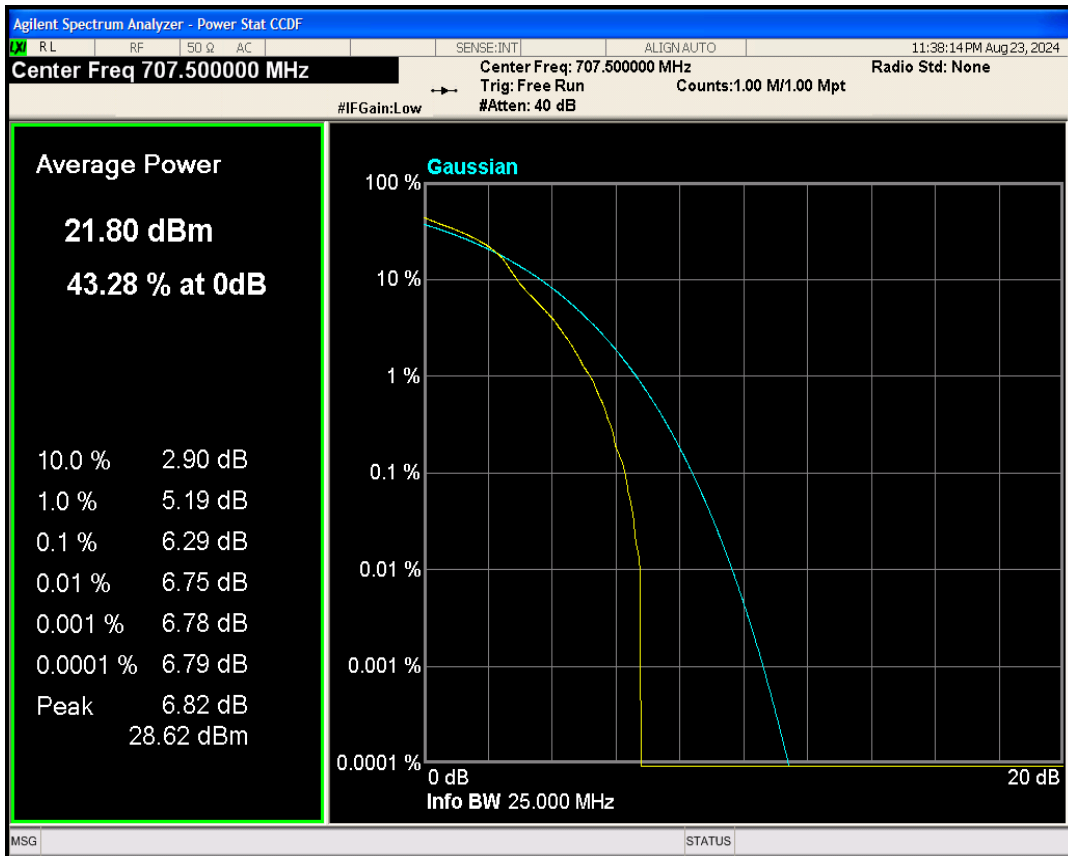
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



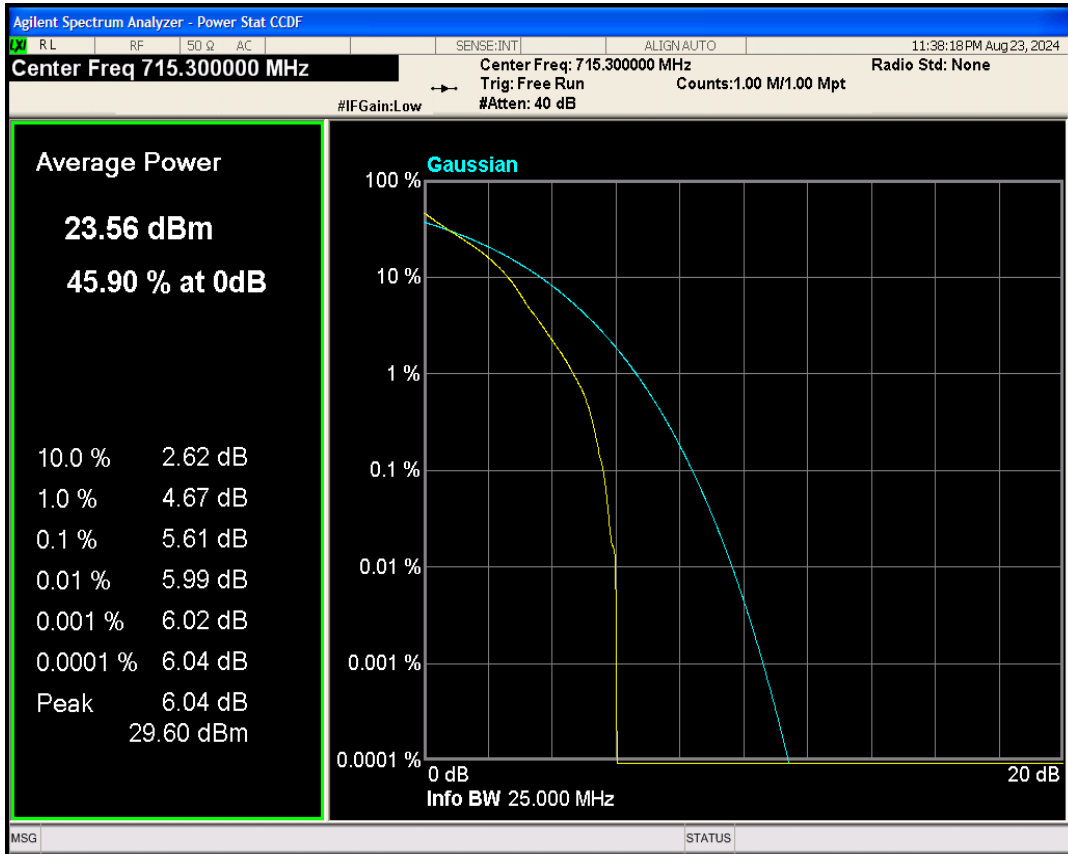
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



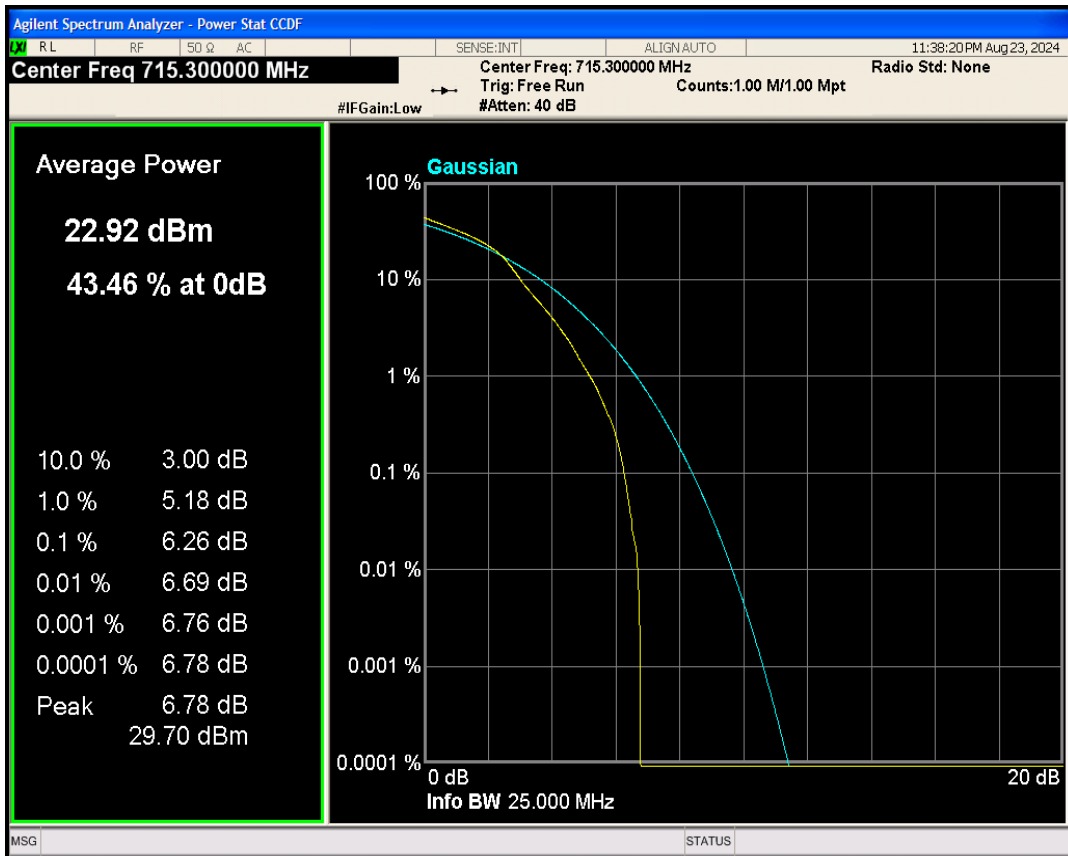
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



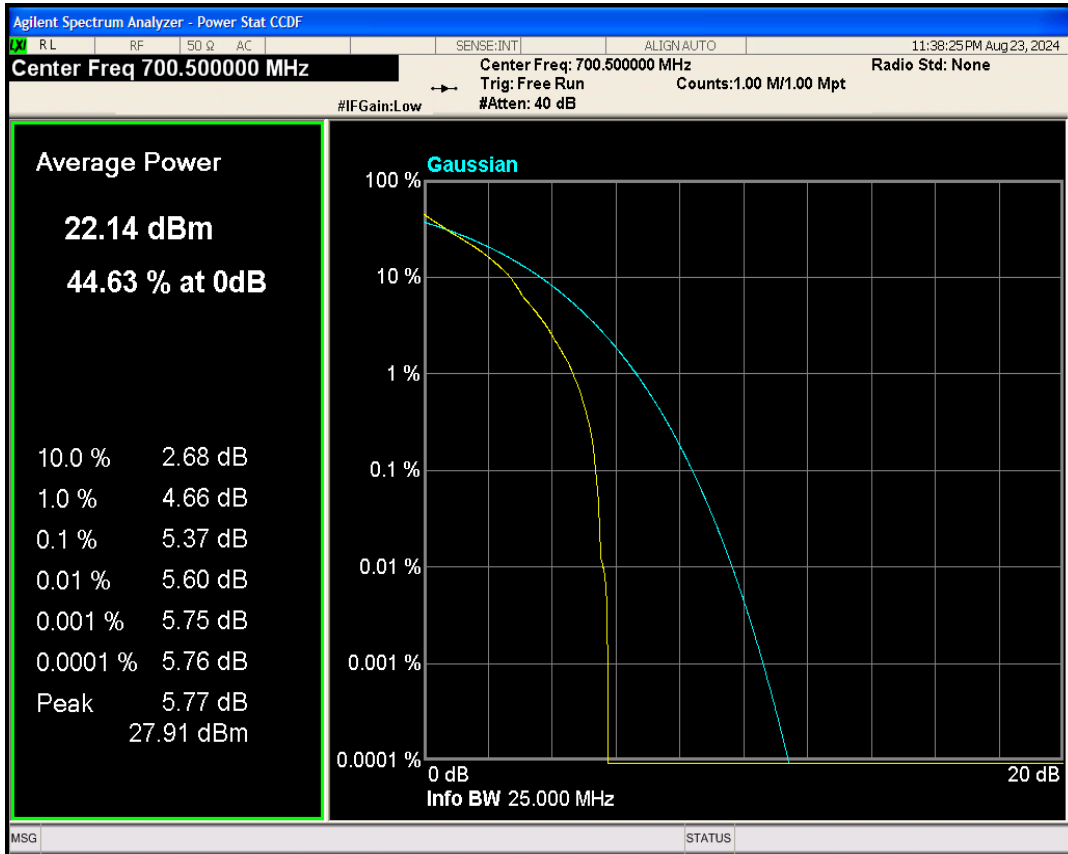
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



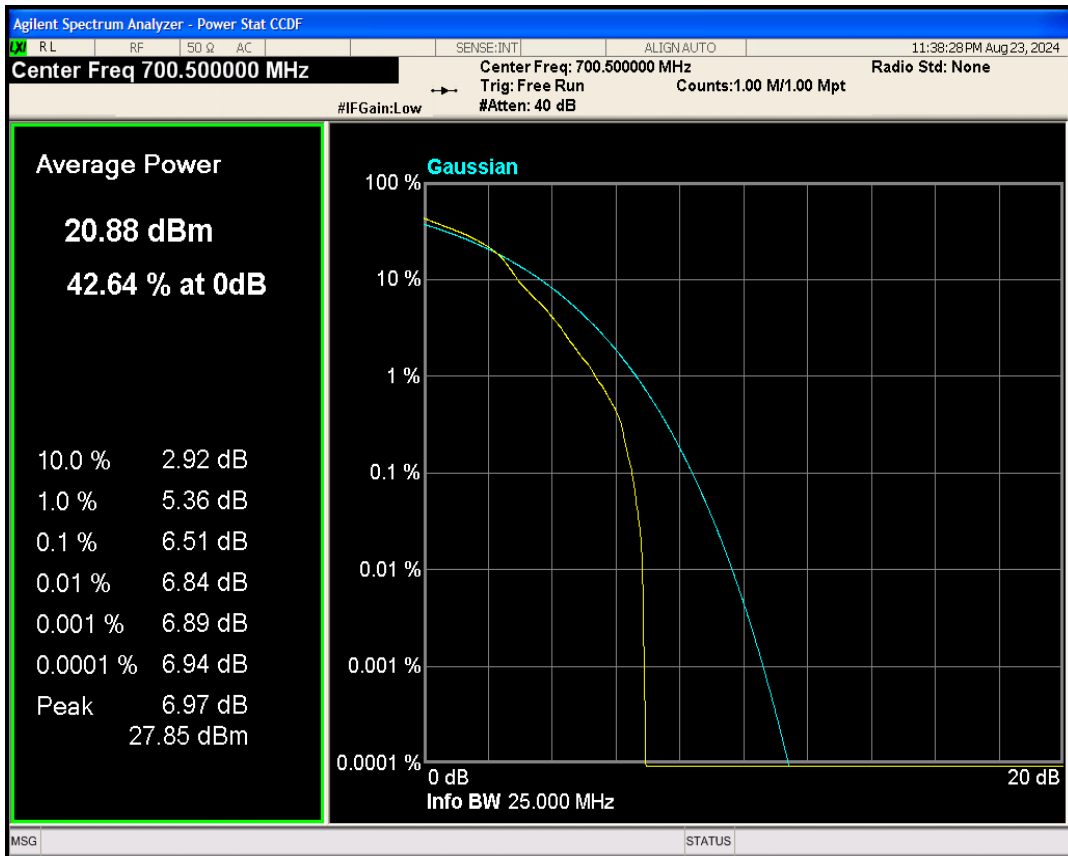
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



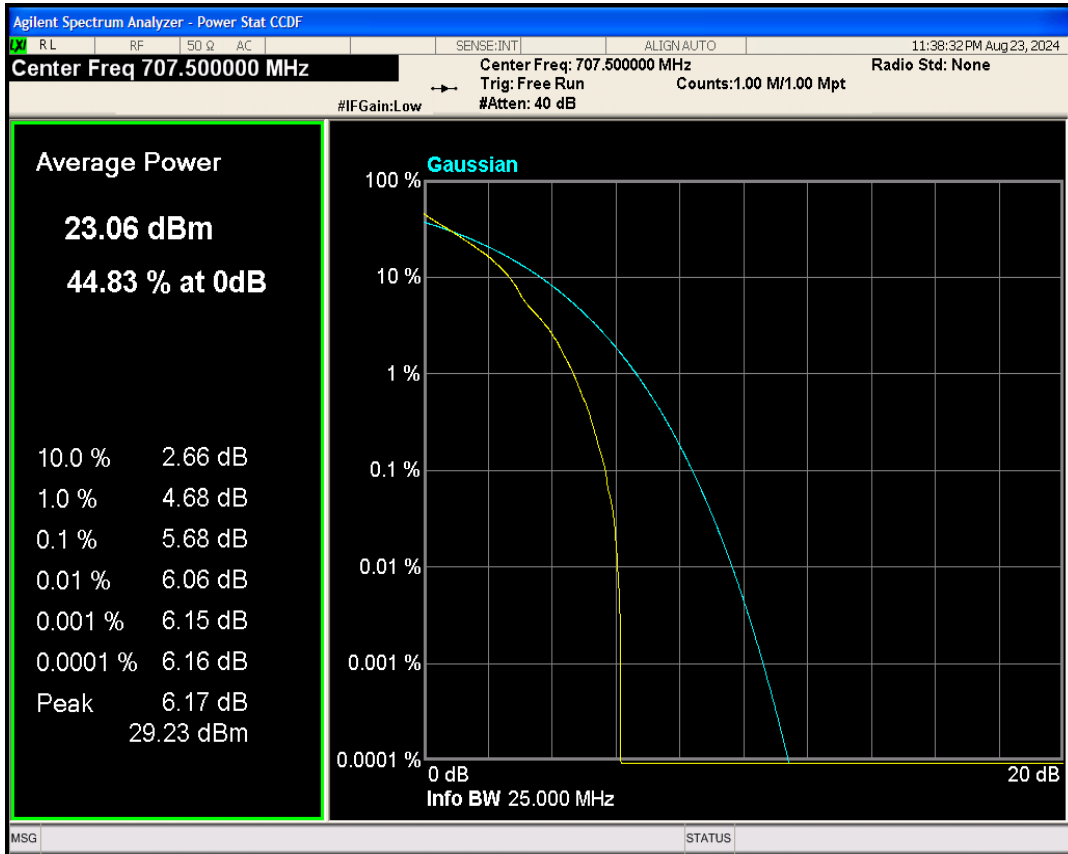
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



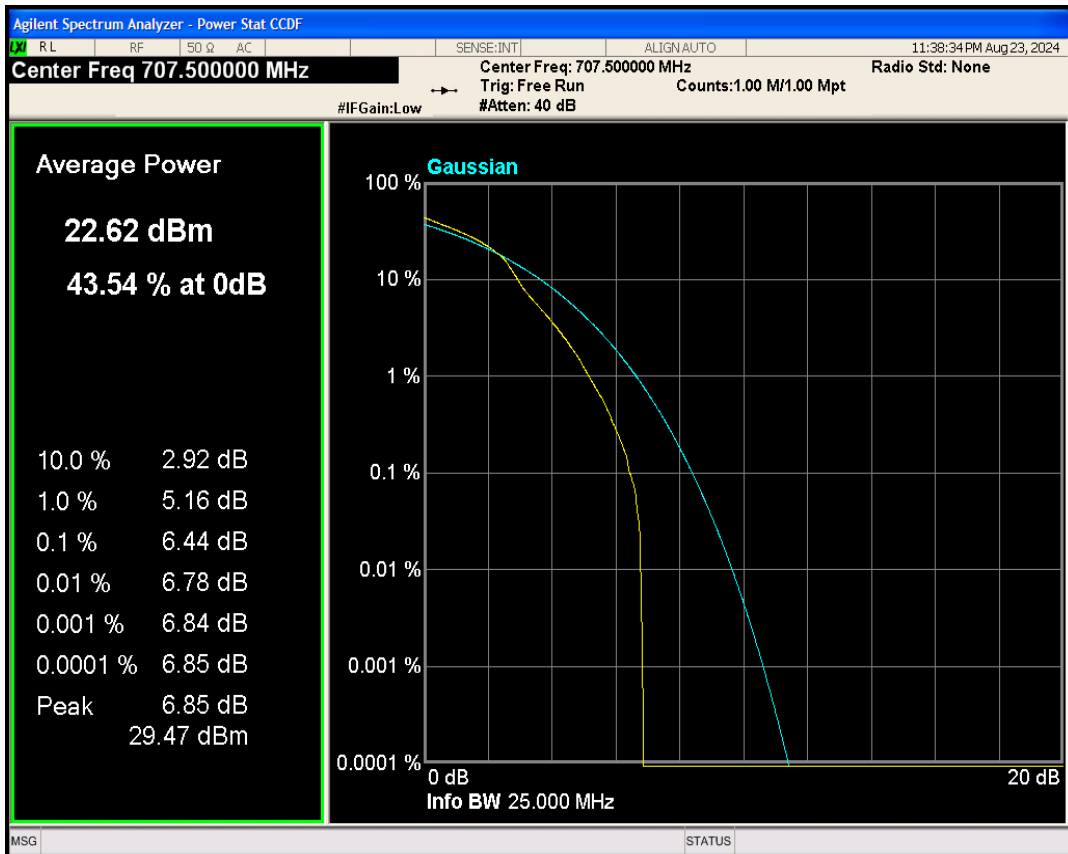
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



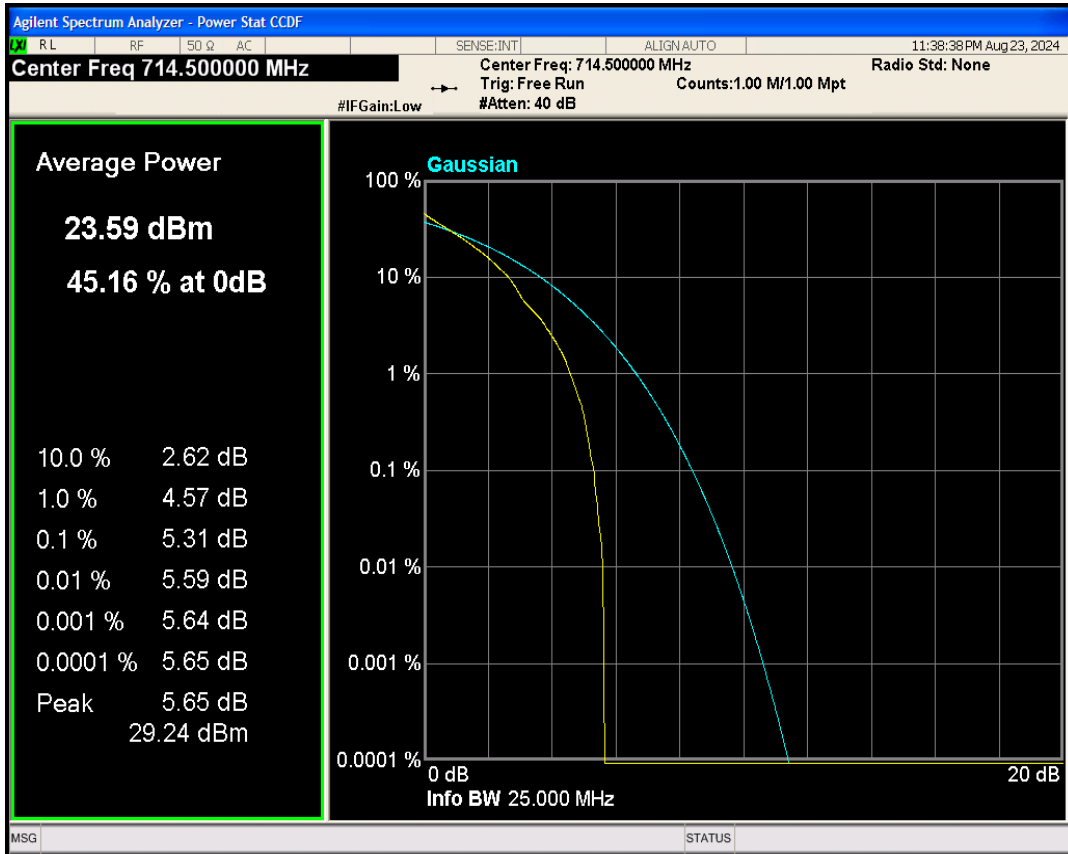
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



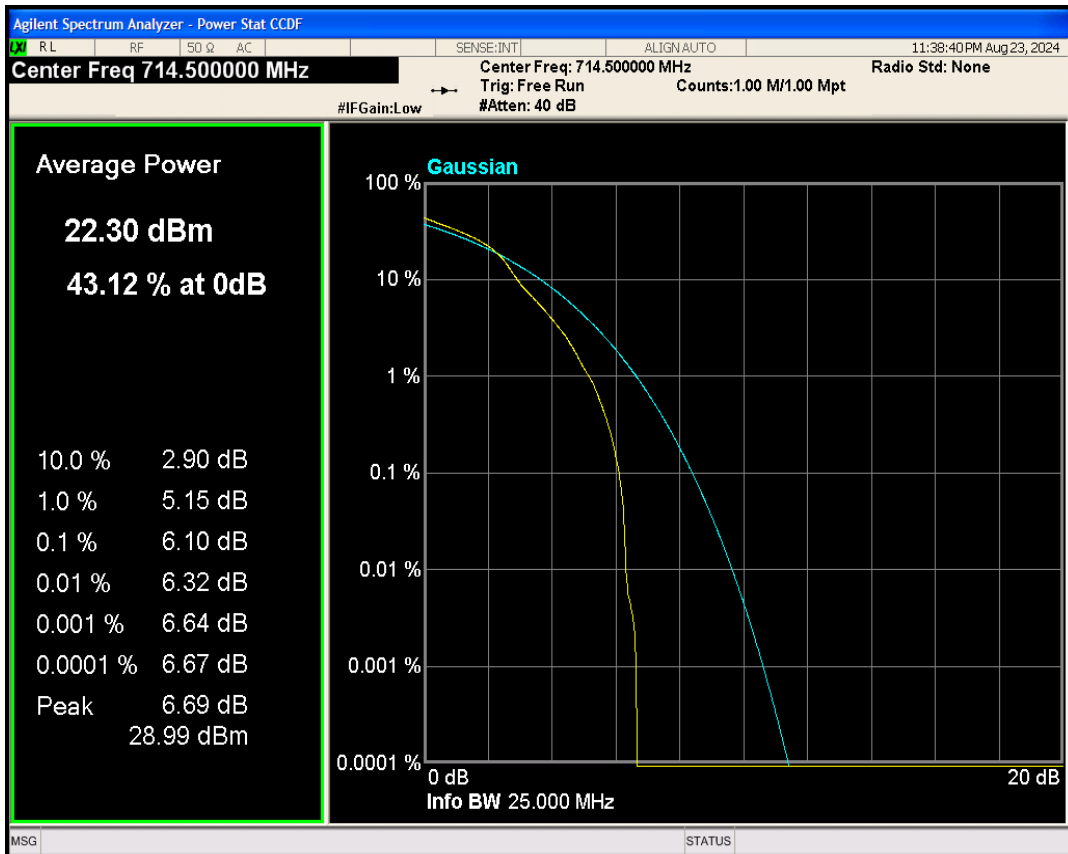
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



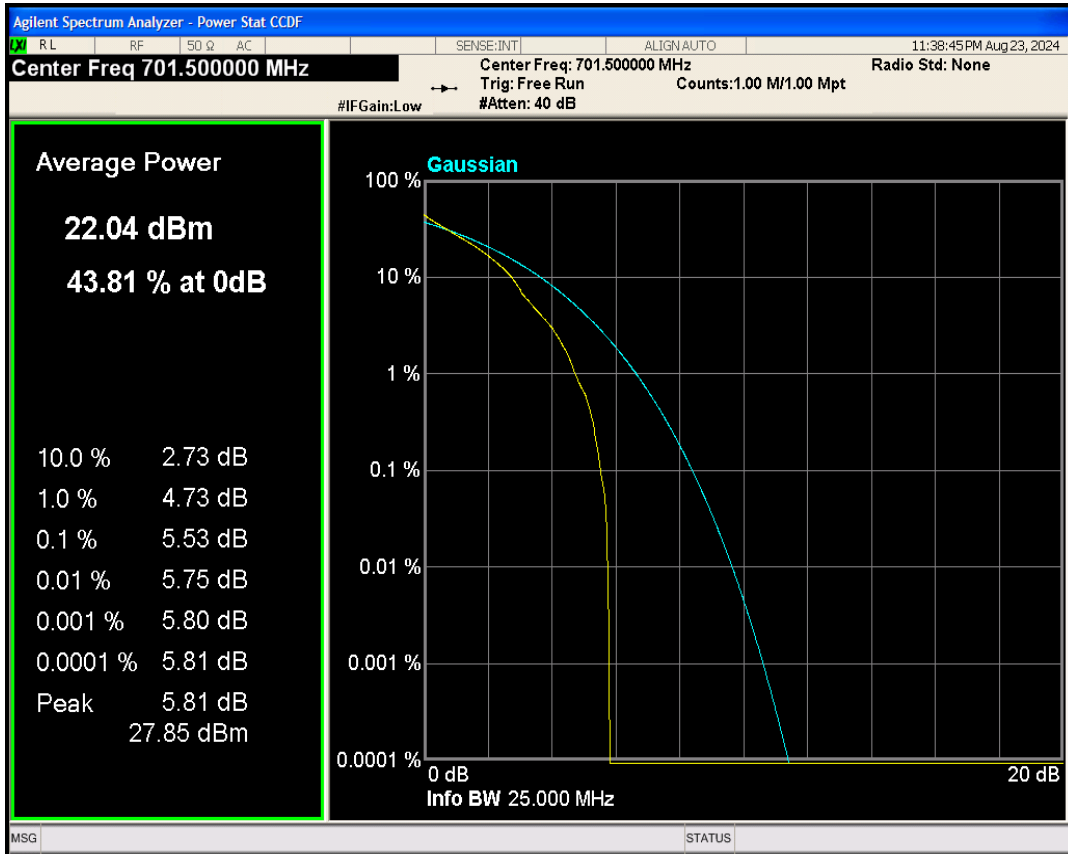
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



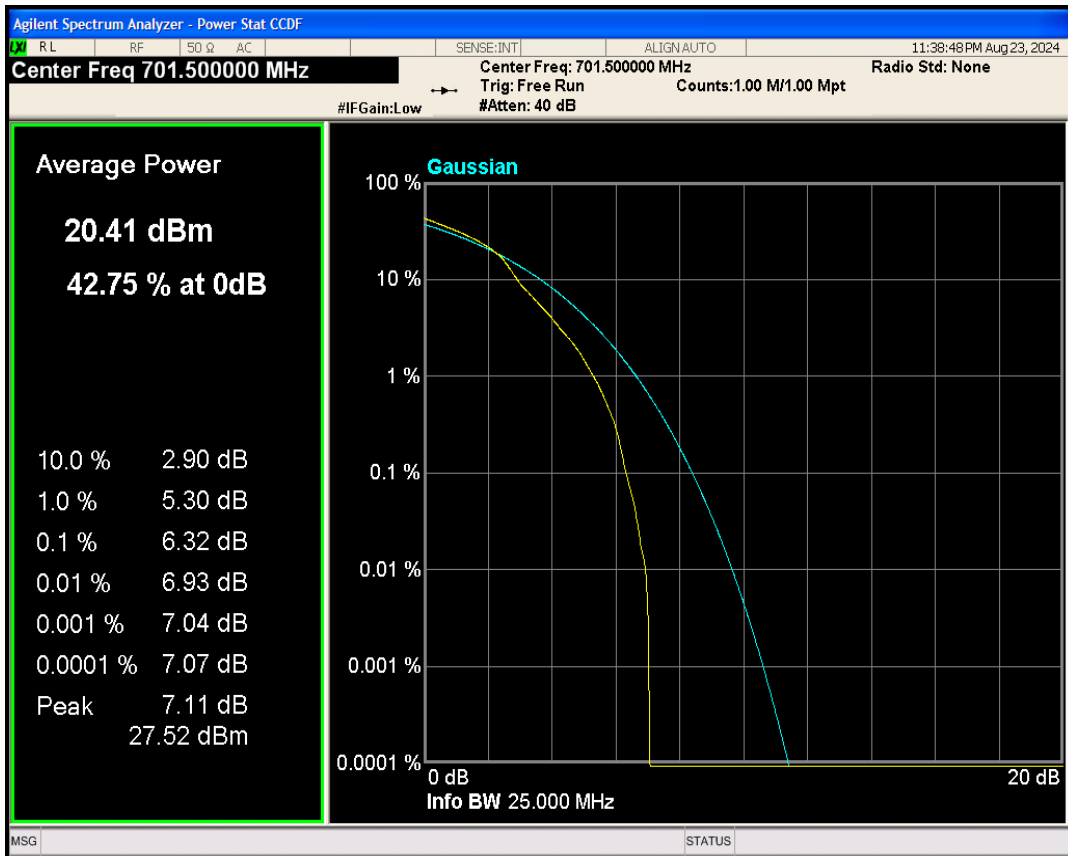
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



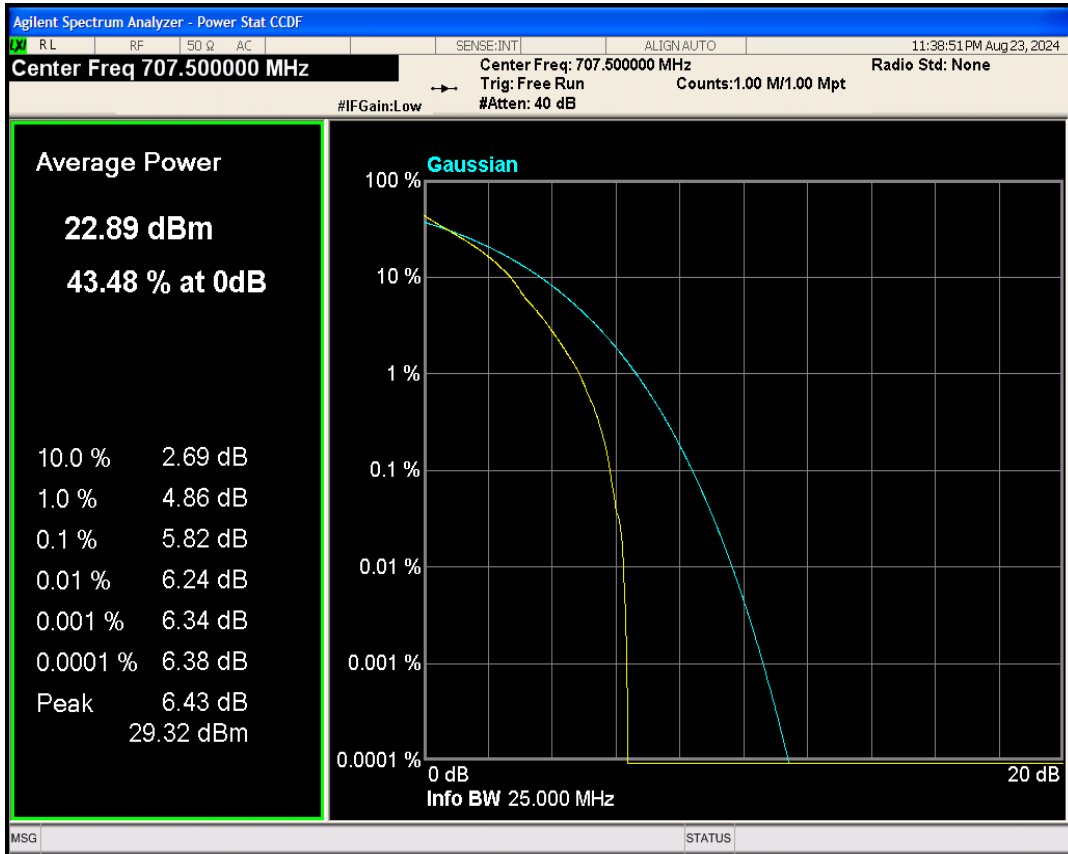
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



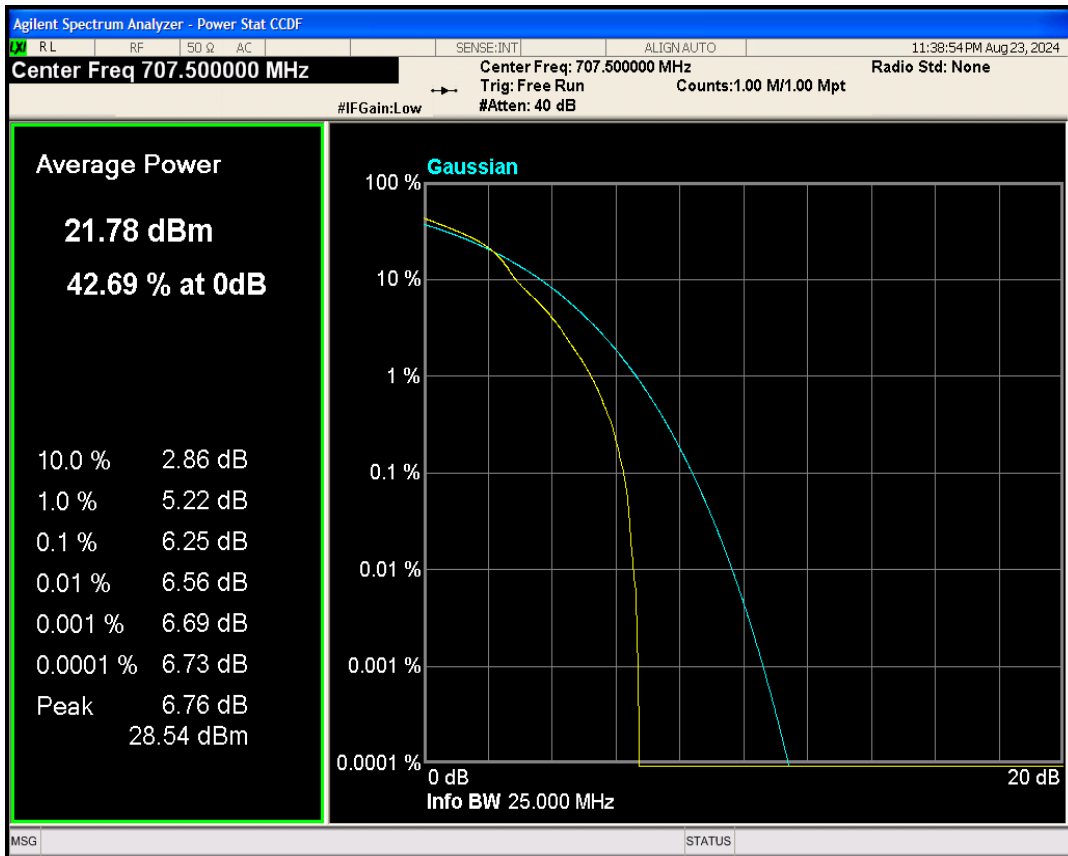
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



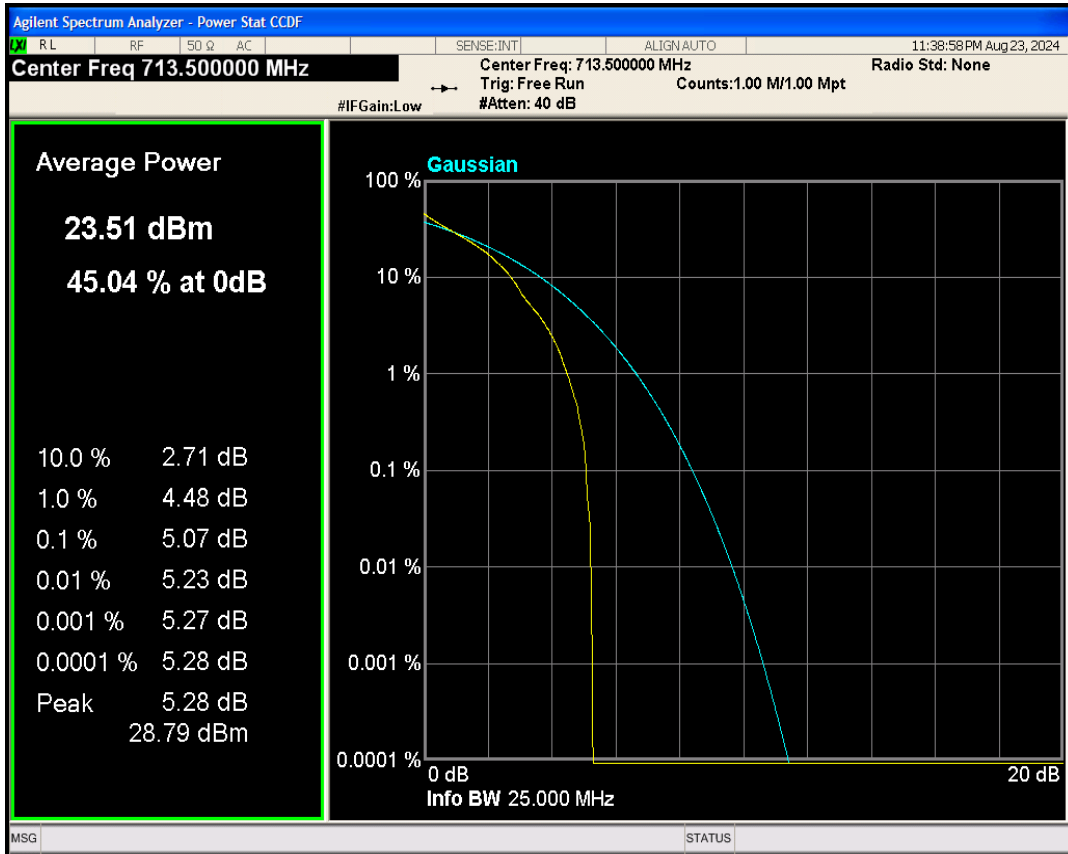
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



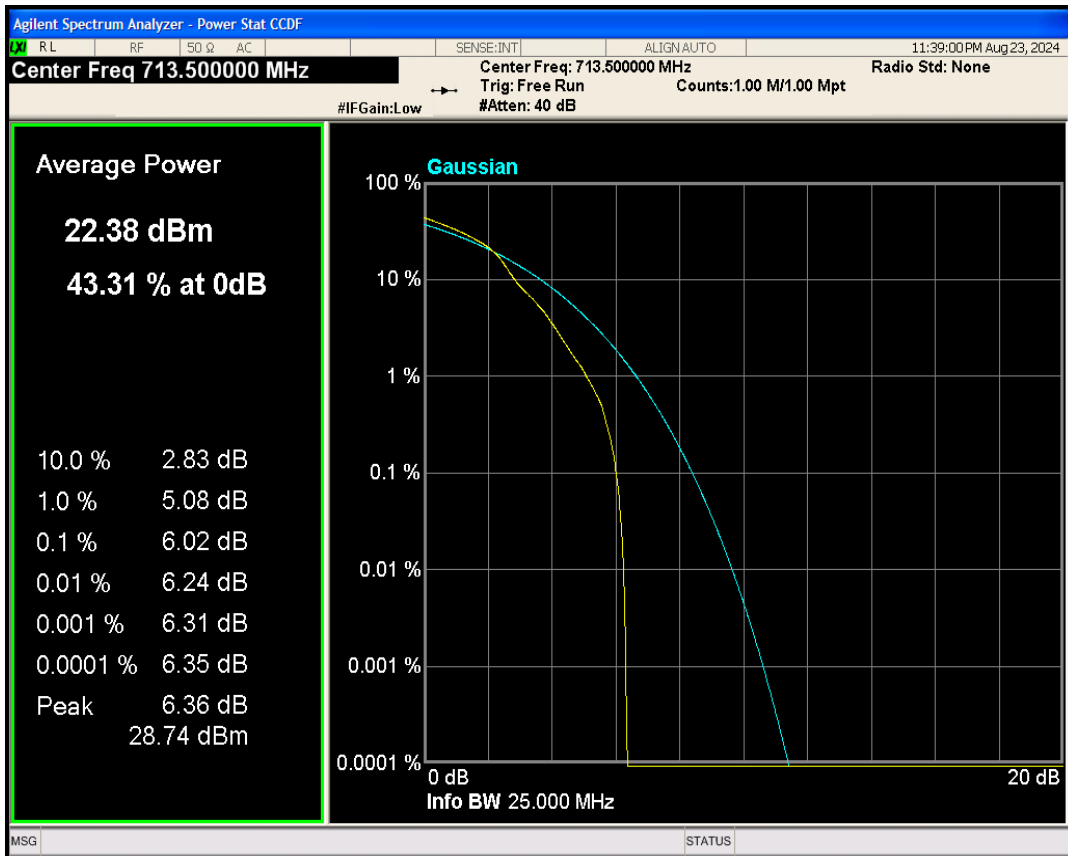
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



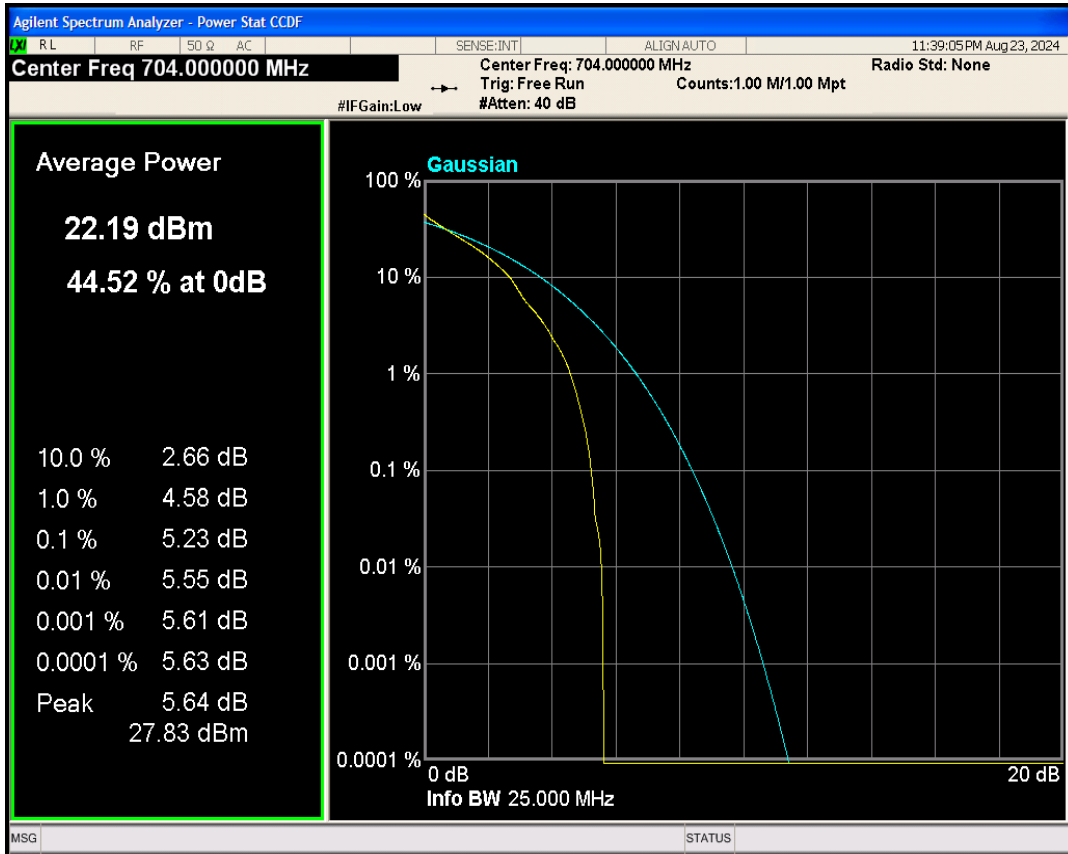
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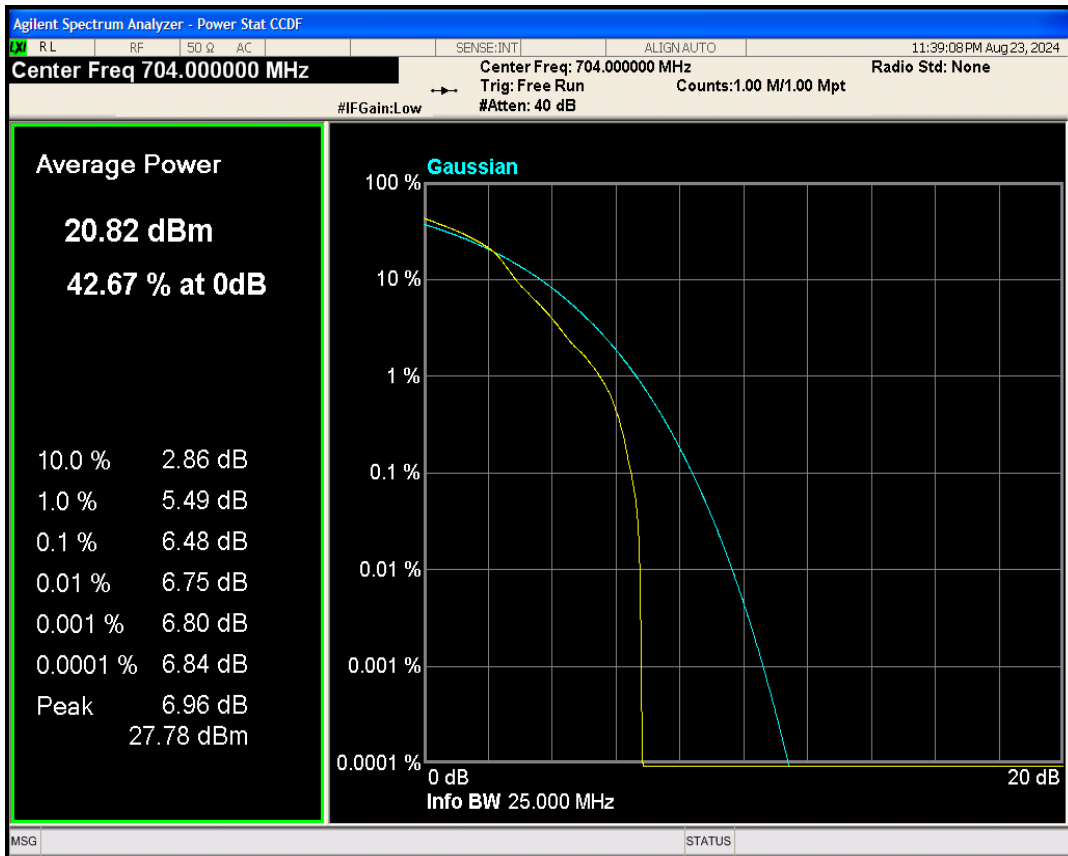
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



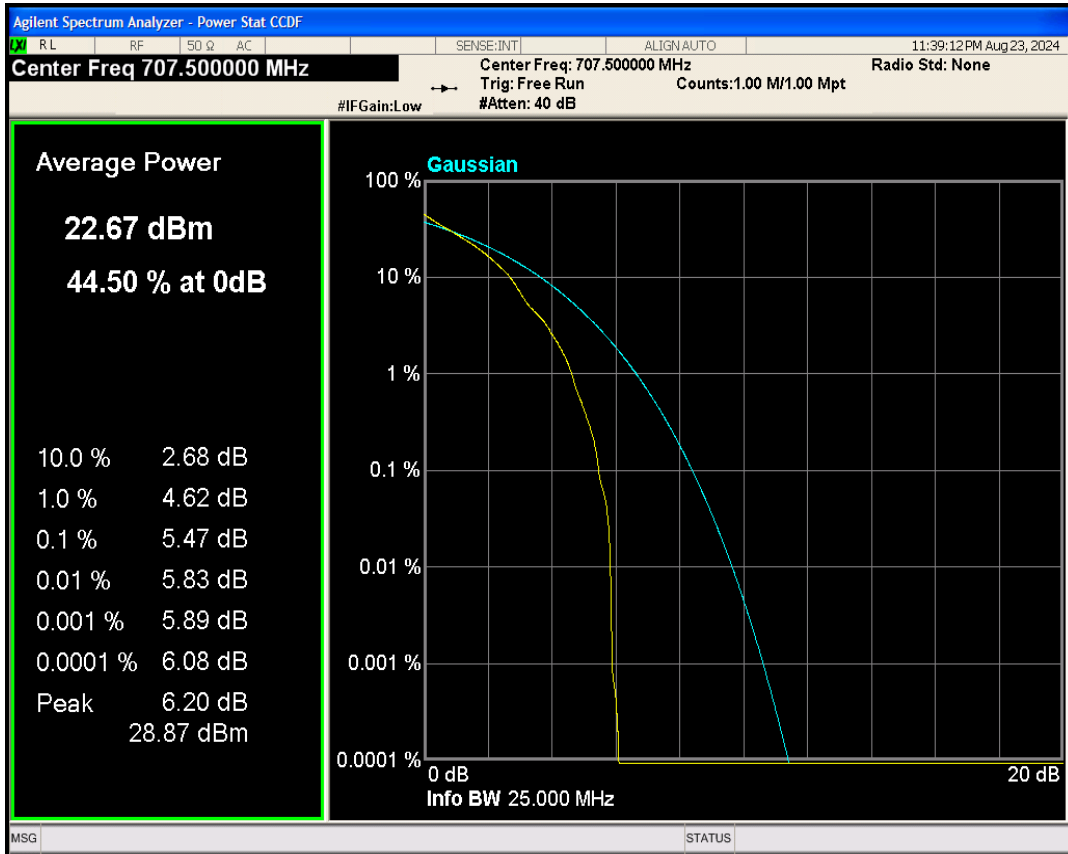
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



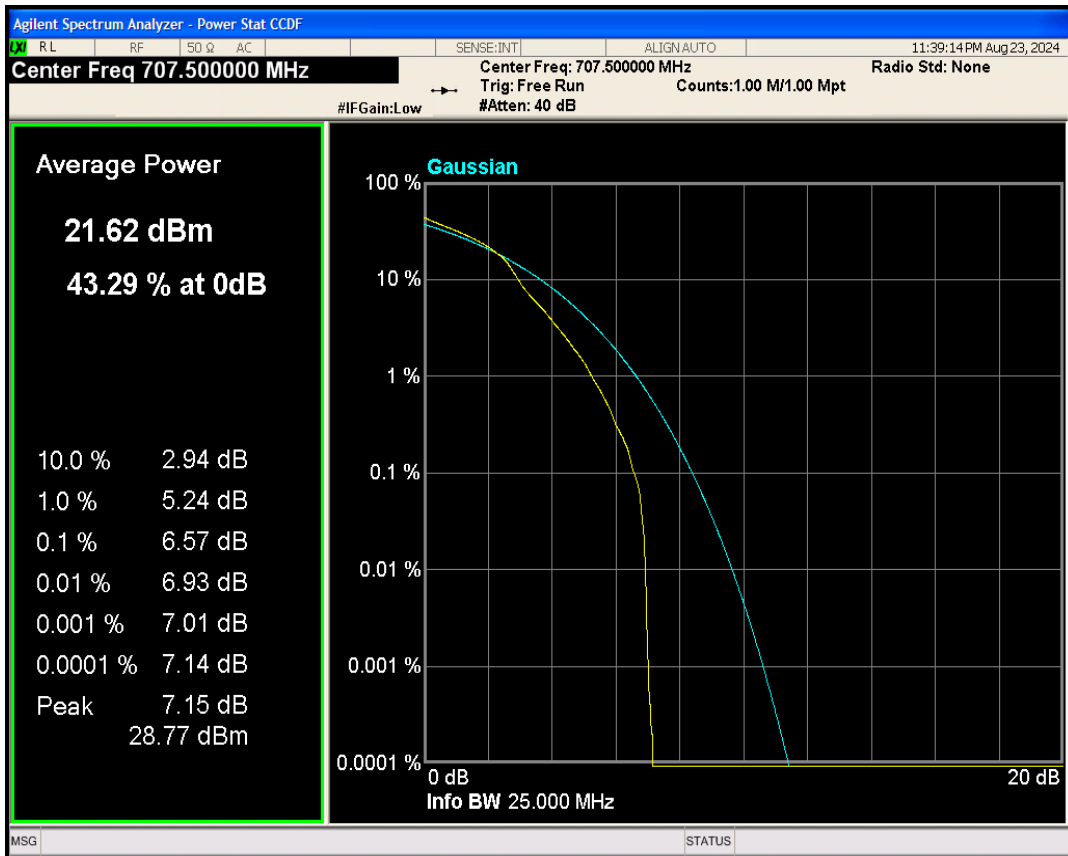
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



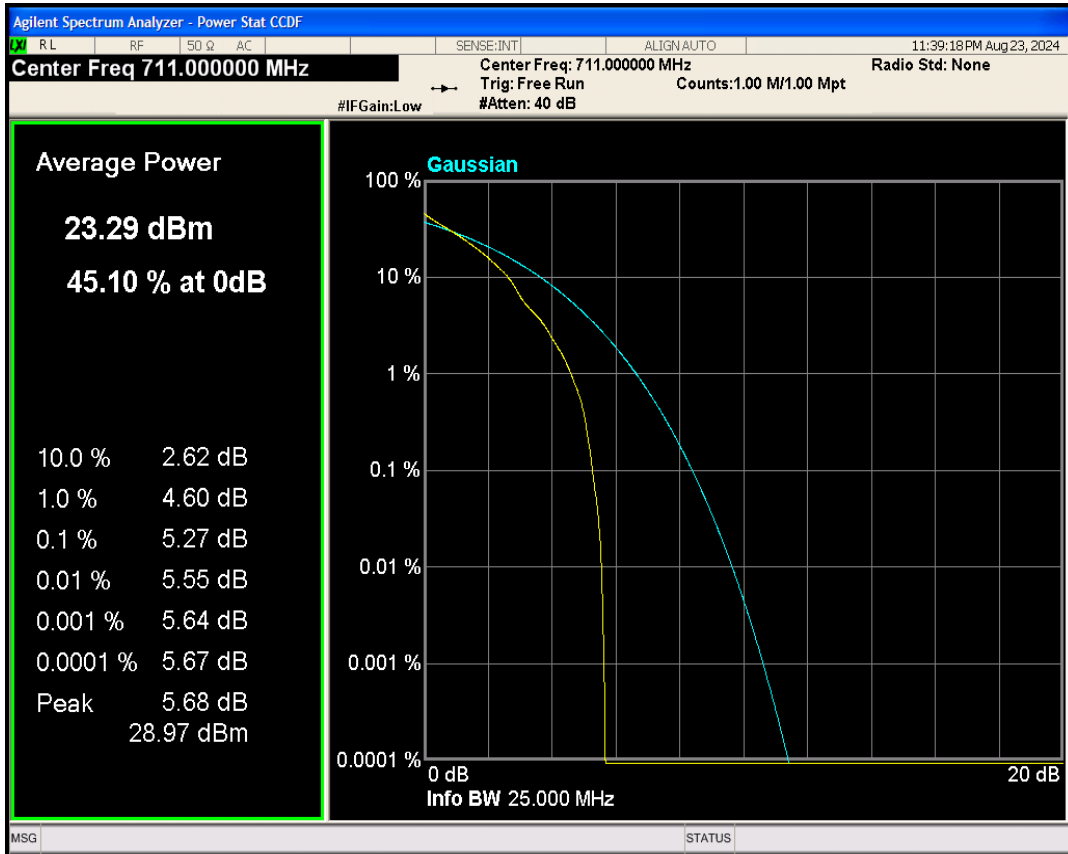
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0

