

Appendix for Band 12

Report No.: BCTC2408023427-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

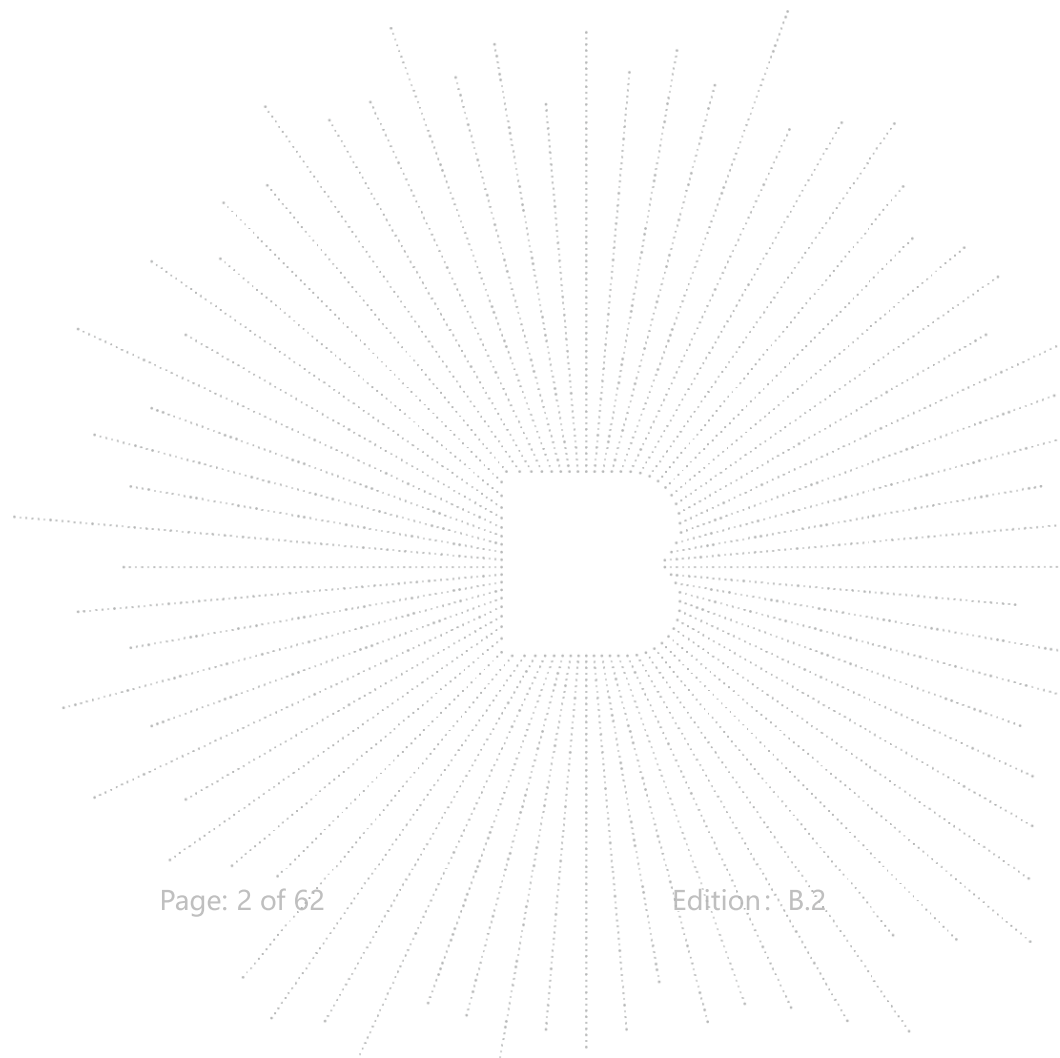
Test Model: P1

Tested Date: 2024-08-27 to 2024-09-27

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

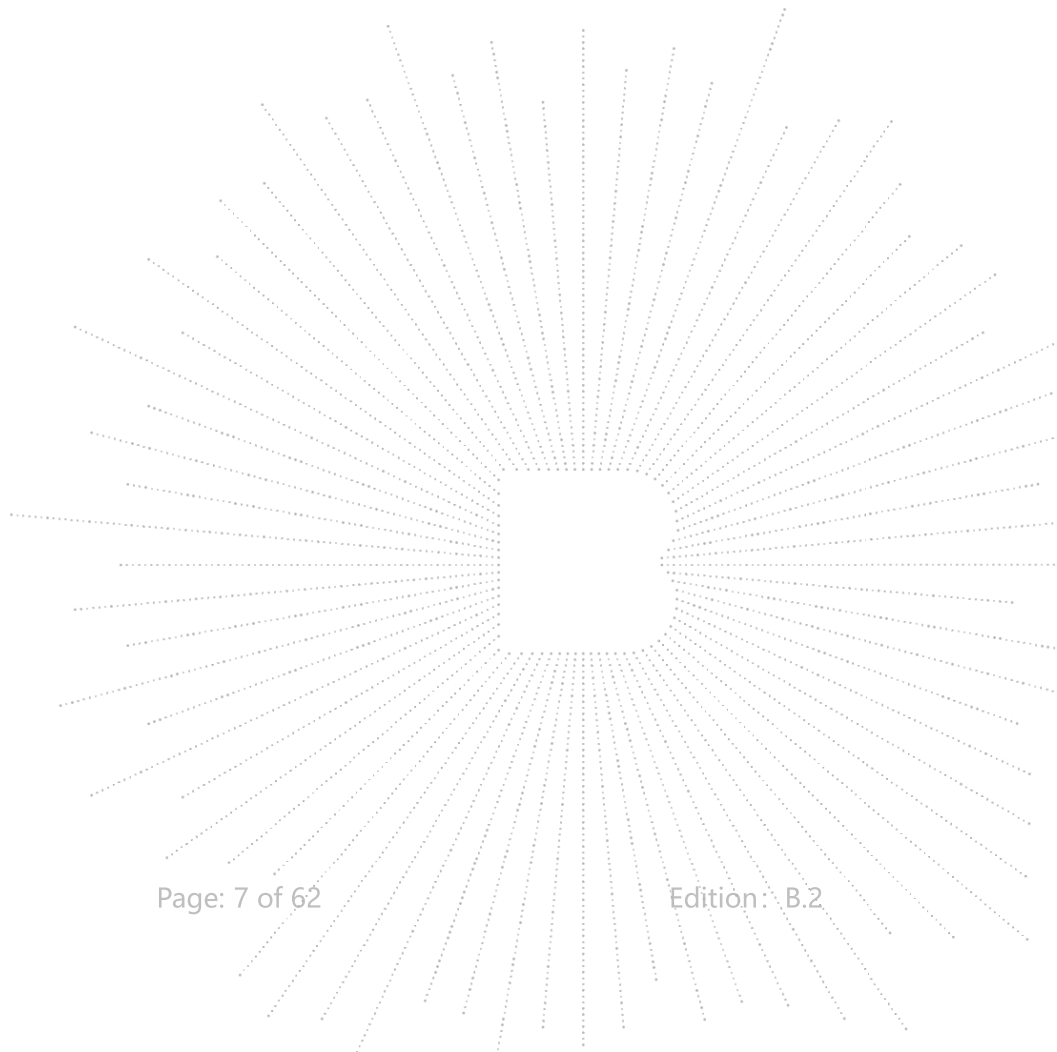
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.21	-0.29	20.77	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.26	-0.29	20.82	PASS
Band12	1.4	23017	1	#Max	QPSK	23.17	-0.29	20.73	PASS
Band12	1.4	23017	3	#0	QPSK	23.25	-0.29	20.81	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.32	-0.29	20.88	PASS
Band12	1.4	23017	3	#Max	QPSK	23.25	-0.29	20.81	PASS
Band12	1.4	23017	6	#0	QPSK	22.27	-0.29	19.83	PASS
Band12	1.4	23017	1	#0	16QAM	22.00	-0.29	19.56	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.09	-0.29	19.65	PASS
Band12	1.4	23017	1	#Max	16QAM	22.05	-0.29	19.61	PASS
Band12	1.4	23017	3	#0	16QAM	22.38	-0.29	19.94	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.45	-0.29	20.01	PASS
Band12	1.4	23017	3	#Max	16QAM	22.41	-0.29	19.97	PASS
Band12	1.4	23017	6	#0	16QAM	21.49	-0.29	19.05	PASS
Band12	1.4	23095	1	#0	QPSK	23.30	-0.29	20.86	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.40	-0.29	20.96	PASS
Band12	1.4	23095	1	#Max	QPSK	23.30	-0.29	20.86	PASS
Band12	1.4	23095	3	#0	QPSK	23.30	-0.29	20.86	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.31	-0.29	20.87	PASS
Band12	1.4	23095	3	#Max	QPSK	23.33	-0.29	20.89	PASS
Band12	1.4	23095	6	#0	QPSK	22.41	-0.29	19.97	PASS
Band12	1.4	23095	1	#0	16QAM	22.37	-0.29	19.93	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.47	-0.29	20.03	PASS
Band12	1.4	23095	1	#Max	16QAM	22.40	-0.29	19.96	PASS
Band12	1.4	23095	3	#0	16QAM	22.50	-0.29	20.06	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.55	-0.29	20.11	PASS
Band12	1.4	23095	3	#Max	16QAM	22.51	-0.29	20.07	PASS
Band12	1.4	23095	6	#0	16QAM	21.59	-0.29	19.15	PASS
Band12	1.4	23173	1	#0	QPSK	23.31	-0.29	20.87	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.45	-0.29	21.01	PASS
Band12	1.4	23173	1	#Max	QPSK	23.33	-0.29	20.89	PASS
Band12	1.4	23173	3	#0	QPSK	23.47	-0.29	21.03	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.52	-0.29	21.08	PASS
Band12	1.4	23173	3	#Max	QPSK	23.47	-0.29	21.03	PASS
Band12	1.4	23173	6	#0	QPSK	22.52	-0.29	20.08	PASS
Band12	1.4	23173	1	#0	16QAM	22.54	-0.29	20.10	PASS

Band12	1.4	23173	1	#Mid	16QAM	22.60	-0.29	20.16	PASS
Band12	1.4	23173	1	#Max	16QAM	22.52	-0.29	20.08	PASS
Band12	1.4	23173	3	#0	16QAM	22.69	-0.29	20.25	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.76	-0.29	20.32	PASS
Band12	1.4	23173	3	#Max	16QAM	22.67	-0.29	20.23	PASS
Band12	1.4	23173	6	#0	16QAM	21.68	-0.29	19.24	PASS
Band12	3	23025	1	#0	QPSK	23.00	-0.29	20.56	PASS
Band12	3	23025	1	#Mid	QPSK	23.10	-0.29	20.66	PASS
Band12	3	23025	1	#Max	QPSK	22.98	-0.29	20.54	PASS
Band12	3	23025	8	#0	QPSK	22.20	-0.29	19.76	PASS
Band12	3	23025	8	#Mid	QPSK	22.30	-0.29	19.86	PASS
Band12	3	23025	8	#Max	QPSK	22.30	-0.29	19.86	PASS
Band12	3	23025	15	#0	QPSK	22.24	-0.29	19.80	PASS
Band12	3	23025	1	#0	16QAM	22.50	-0.29	20.06	PASS
Band12	3	23025	1	#Mid	16QAM	22.56	-0.29	20.12	PASS
Band12	3	23025	1	#Max	16QAM	22.47	-0.29	20.03	PASS
Band12	3	23025	8	#0	16QAM	21.33	-0.29	18.89	PASS
Band12	3	23025	8	#Mid	16QAM	21.33	-0.29	18.89	PASS
Band12	3	23025	8	#Max	16QAM	21.32	-0.29	18.88	PASS
Band12	3	23025	15	#0	16QAM	21.27	-0.29	18.83	PASS
Band12	3	23095	1	#0	QPSK	23.07	-0.29	20.63	PASS
Band12	3	23095	1	#Mid	QPSK	23.19	-0.29	20.75	PASS
Band12	3	23095	1	#Max	QPSK	23.04	-0.29	20.60	PASS
Band12	3	23095	8	#0	QPSK	22.27	-0.29	19.83	PASS
Band12	3	23095	8	#Mid	QPSK	22.34	-0.29	19.90	PASS
Band12	3	23095	8	#Max	QPSK	22.35	-0.29	19.91	PASS
Band12	3	23095	15	#0	QPSK	22.28	-0.29	19.84	PASS
Band12	3	23095	1	#0	16QAM	22.28	-0.29	19.84	PASS
Band12	3	23095	1	#Mid	16QAM	22.39	-0.29	19.95	PASS
Band12	3	23095	1	#Max	16QAM	22.35	-0.29	19.91	PASS
Band12	3	23095	8	#0	16QAM	21.32	-0.29	18.88	PASS
Band12	3	23095	8	#Mid	16QAM	21.37	-0.29	18.93	PASS
Band12	3	23095	8	#Max	16QAM	21.28	-0.29	18.84	PASS
Band12	3	23095	15	#0	16QAM	21.27	-0.29	18.83	PASS
Band12	3	23165	1	#0	QPSK	23.18	-0.29	20.74	PASS
Band12	3	23165	1	#Mid	QPSK	23.39	-0.29	20.95	PASS
Band12	3	23165	1	#Max	QPSK	23.35	-0.29	20.91	PASS
Band12	3	23165	8	#0	QPSK	22.43	-0.29	19.99	PASS
Band12	3	23165	8	#Mid	QPSK	22.51	-0.29	20.07	PASS
Band12	3	23165	8	#Max	QPSK	22.46	-0.29	20.02	PASS
Band12	3	23165	15	#0	QPSK	22.44	-0.29	20.00	PASS
Band12	3	23165	1	#0	16QAM	22.05	-0.29	19.61	PASS
Band12	3	23165	1	#Mid	16QAM	22.20	-0.29	19.76	PASS

Band12	3	23165	1	#Max	16QAM	22.05	-0.29	19.61	PASS
Band12	3	23165	8	#0	16QAM	21.42	-0.29	18.98	PASS
Band12	3	23165	8	#Mid	16QAM	21.46	-0.29	19.02	PASS
Band12	3	23165	8	#Max	16QAM	21.43	-0.29	18.99	PASS
Band12	3	23165	15	#0	16QAM	21.51	-0.29	19.07	PASS
Band12	5	23035	1	#0	QPSK	23.27	-0.29	20.83	PASS
Band12	5	23035	1	#Mid	QPSK	23.34	-0.29	20.90	PASS
Band12	5	23035	1	#Max	QPSK	23.34	-0.29	20.90	PASS
Band12	5	23035	12	#0	QPSK	22.27	-0.29	19.83	PASS
Band12	5	23035	12	#Mid	QPSK	22.34	-0.29	19.90	PASS
Band12	5	23035	12	#Max	QPSK	22.30	-0.29	19.86	PASS
Band12	5	23035	25	#0	QPSK	22.28	-0.29	19.84	PASS
Band12	5	23035	1	#0	16QAM	22.83	-0.29	20.39	PASS
Band12	5	23035	1	#Mid	16QAM	22.93	-0.29	20.49	PASS
Band12	5	23035	1	#Max	16QAM	22.85	-0.29	20.41	PASS
Band12	5	23035	12	#0	16QAM	21.27	-0.29	18.83	PASS
Band12	5	23035	12	#Mid	16QAM	21.40	-0.29	18.96	PASS
Band12	5	23035	12	#Max	16QAM	21.33	-0.29	18.89	PASS
Band12	5	23035	25	#0	16QAM	21.27	-0.29	18.83	PASS
Band12	5	23095	1	#0	QPSK	23.34	-0.29	20.90	PASS
Band12	5	23095	1	#Mid	QPSK	23.44	-0.29	21.00	PASS
Band12	5	23095	1	#Max	QPSK	23.40	-0.29	20.96	PASS
Band12	5	23095	12	#0	QPSK	22.36	-0.29	19.92	PASS
Band12	5	23095	12	#Mid	QPSK	22.46	-0.29	20.02	PASS
Band12	5	23095	12	#Max	QPSK	22.43	-0.29	19.99	PASS
Band12	5	23095	25	#0	QPSK	22.38	-0.29	19.94	PASS
Band12	5	23095	1	#0	16QAM	22.66	-0.29	20.22	PASS
Band12	5	23095	1	#Mid	16QAM	22.79	-0.29	20.35	PASS
Band12	5	23095	1	#Max	16QAM	22.71	-0.29	20.27	PASS
Band12	5	23095	12	#0	16QAM	21.37	-0.29	18.93	PASS
Band12	5	23095	12	#Mid	16QAM	21.38	-0.29	18.94	PASS
Band12	5	23095	12	#Max	16QAM	21.35	-0.29	18.91	PASS
Band12	5	23095	25	#0	16QAM	21.46	-0.29	19.02	PASS
Band12	5	23155	1	#0	QPSK	23.35	-0.29	20.91	PASS
Band12	5	23155	1	#Mid	QPSK	23.47	-0.29	21.03	PASS
Band12	5	23155	1	#Max	QPSK	23.39	-0.29	20.95	PASS
Band12	5	23155	12	#0	QPSK	22.54	-0.29	20.10	PASS
Band12	5	23155	12	#Mid	QPSK	22.57	-0.29	20.13	PASS
Band12	5	23155	12	#Max	QPSK	22.46	-0.29	20.02	PASS
Band12	5	23155	25	#0	QPSK	22.46	-0.29	20.02	PASS
Band12	5	23155	1	#0	16QAM	22.71	-0.29	20.27	PASS
Band12	5	23155	1	#Mid	16QAM	22.82	-0.29	20.38	PASS
Band12	5	23155	1	#Max	16QAM	22.71	-0.29	20.27	PASS

Band12	5	23155	12	#0	16QAM	21.56	-0.29	19.12	PASS
Band12	5	23155	12	#Mid	16QAM	21.57	-0.29	19.13	PASS
Band12	5	23155	12	#Max	16QAM	21.40	-0.29	18.96	PASS
Band12	5	23155	25	#0	16QAM	21.49	-0.29	19.05	PASS
Band12	10	23060	1	#0	QPSK	23.34	-0.29	20.90	PASS
Band12	10	23060	1	#Mid	QPSK	23.39	-0.29	20.95	PASS
Band12	10	23060	1	#Max	QPSK	23.40	-0.29	20.96	PASS
Band12	10	23060	25	#0	QPSK	22.26	-0.29	19.82	PASS
Band12	10	23060	25	#Mid	QPSK	22.47	-0.29	20.03	PASS
Band12	10	23060	25	#Max	QPSK	22.43	-0.29	19.99	PASS
Band12	10	23060	50	#0	QPSK	22.37	-0.29	19.93	PASS
Band12	10	23060	1	#0	16QAM	22.81	-0.29	20.37	PASS
Band12	10	23060	1	#Mid	16QAM	22.87	-0.29	20.43	PASS
Band12	10	23060	1	#Max	16QAM	22.87	-0.29	20.43	PASS
Band12	10	23060	25	#0	16QAM	21.35	-0.29	18.91	PASS
Band12	10	23060	25	#Mid	16QAM	21.45	-0.29	19.01	PASS
Band12	10	23060	25	#Max	16QAM	21.47	-0.29	19.03	PASS
Band12	10	23060	50	#0	16QAM	21.42	-0.29	18.98	PASS
Band12	10	23095	1	#0	QPSK	23.36	-0.29	20.92	PASS
Band12	10	23095	1	#Mid	QPSK	23.46	-0.29	21.02	PASS
Band12	10	23095	1	#Max	QPSK	23.46	-0.29	21.02	PASS
Band12	10	23095	25	#0	QPSK	22.33	-0.29	19.89	PASS
Band12	10	23095	25	#Mid	QPSK	22.45	-0.29	20.01	PASS
Band12	10	23095	25	#Max	QPSK	22.45	-0.29	20.01	PASS
Band12	10	23095	50	#0	QPSK	22.39	-0.29	19.95	PASS
Band12	10	23095	1	#0	16QAM	22.53	-0.29	20.09	PASS
Band12	10	23095	1	#Mid	16QAM	22.64	-0.29	20.20	PASS
Band12	10	23095	1	#Max	16QAM	22.69	-0.29	20.25	PASS
Band12	10	23095	25	#0	16QAM	21.36	-0.29	18.92	PASS
Band12	10	23095	25	#Mid	16QAM	21.48	-0.29	19.04	PASS
Band12	10	23095	25	#Max	16QAM	21.45	-0.29	19.01	PASS
Band12	10	23095	50	#0	16QAM	21.46	-0.29	19.02	PASS
Band12	10	23130	1	#0	QPSK	23.48	-0.29	21.04	PASS
Band12	10	23130	1	#Mid	QPSK	23.62	-0.29	21.18	PASS
Band12	10	23130	1	#Max	QPSK	23.63	-0.29	21.19	PASS
Band12	10	23130	25	#0	QPSK	22.45	-0.29	20.01	PASS
Band12	10	23130	25	#Mid	QPSK	22.48	-0.29	20.04	PASS
Band12	10	23130	25	#Max	QPSK	22.37	-0.29	19.93	PASS
Band12	10	23130	50	#0	QPSK	22.43	-0.29	19.99	PASS
Band12	10	23130	1	#0	16QAM	22.27	-0.29	19.83	PASS
Band12	10	23130	1	#Mid	16QAM	22.38	-0.29	19.94	PASS
Band12	10	23130	1	#Max	16QAM	22.40	-0.29	19.96	PASS
Band12	10	23130	25	#0	16QAM	21.42	-0.29	18.98	PASS

Band12	10	23130	25	#Mid	16QAM	21.50	-0.29	19.06	PASS
Band12	10	23130	25	#Max	16QAM	21.42	-0.29	18.98	PASS
Band12	10	23130	50	#0	16QAM	21.39	-0.29	18.95	PASS



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	-19.41	-0.028	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	-29.40	-0.042	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	-28.07	-0.040	PASS
Band12	1.4	23017	6	#0	16QAM	LV	NT	-26.95	-0.039	PASS
Band12	1.4	23017	6	#0	16QAM	NV	NT	-21.36	-0.031	PASS
Band12	1.4	23017	6	#0	16QAM	HV	NT	-17.41	-0.025	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	-9.84	-0.014	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	-8.47	-0.012	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	-11.39	-0.016	PASS
Band12	1.4	23095	6	#0	16QAM	LV	NT	-11.82	-0.017	PASS
Band12	1.4	23095	6	#0	16QAM	NV	NT	-18.25	-0.026	PASS
Band12	1.4	23095	6	#0	16QAM	HV	NT	-11.72	-0.017	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	-8.20	-0.011	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	-5.64	-0.008	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	-8.23	-0.012	PASS
Band12	1.4	23173	6	#0	16QAM	LV	NT	-6.78	-0.009	PASS
Band12	1.4	23173	6	#0	16QAM	NV	NT	-8.14	-0.011	PASS
Band12	1.4	23173	6	#0	16QAM	HV	NT	-3.85	-0.005	PASS
Band12	3	23025	15	#0	QPSK	LV	NT	6.14	0.009	PASS
Band12	3	23025	15	#0	QPSK	NV	NT	-7.78	-0.011	PASS
Band12	3	23025	15	#0	QPSK	HV	NT	-10.84	-0.015	PASS
Band12	3	23025	15	#0	16QAM	LV	NT	-10.14	-0.014	PASS
Band12	3	23025	15	#0	16QAM	NV	NT	-9.28	-0.013	PASS
Band12	3	23025	15	#0	16QAM	HV	NT	-8.35	-0.012	PASS
Band12	3	23095	15	#0	QPSK	LV	NT	-3.36	-0.005	PASS
Band12	3	23095	15	#0	QPSK	NV	NT	-6.41	-0.009	PASS
Band12	3	23095	15	#0	QPSK	HV	NT	-5.41	-0.008	PASS
Band12	3	23095	15	#0	16QAM	LV	NT	-9.56	-0.014	PASS
Band12	3	23095	15	#0	16QAM	NV	NT	-8.17	-0.012	PASS
Band12	3	23095	15	#0	16QAM	HV	NT	-3.06	-0.004	PASS
Band12	3	23165	15	#0	QPSK	LV	NT	2.47	0.003	PASS
Band12	3	23165	15	#0	QPSK	NV	NT	-2.70	-0.004	PASS
Band12	3	23165	15	#0	QPSK	HV	NT	-5.74	-0.008	PASS
Band12	3	23165	15	#0	16QAM	LV	NT	-8.31	-0.012	PASS
Band12	3	23165	15	#0	16QAM	NV	NT	-6.98	-0.010	PASS
Band12	3	23165	15	#0	16QAM	HV	NT	1.69	0.002	PASS
Band12	5	23035	25	#0	QPSK	LV	NT	-5.72	-0.008	PASS
Band12	5	23035	25	#0	QPSK	NV	NT	0.56	0.001	PASS

Band12	5	23035	25	#0	QPSK	HV	NT	-2.63	-0.004	PASS
Band12	5	23035	25	#0	16QAM	LV	NT	-3.85	-0.005	PASS
Band12	5	23035	25	#0	16QAM	NV	NT	-1.87	-0.003	PASS
Band12	5	23035	25	#0	16QAM	HV	NT	-4.02	-0.006	PASS
Band12	5	23095	25	#0	QPSK	LV	NT	-2.63	-0.004	PASS
Band12	5	23095	25	#0	QPSK	NV	NT	-8.98	-0.013	PASS
Band12	5	23095	25	#0	QPSK	HV	NT	-6.47	-0.009	PASS
Band12	5	23095	25	#0	16QAM	LV	NT	-3.98	-0.006	PASS
Band12	5	23095	25	#0	16QAM	NV	NT	-2.60	-0.004	PASS
Band12	5	23095	25	#0	16QAM	HV	NT	-1.19	-0.002	PASS
Band12	5	23155	25	#0	QPSK	LV	NT	0.40	0.001	PASS
Band12	5	23155	25	#0	QPSK	NV	NT	-5.55	-0.008	PASS
Band12	5	23155	25	#0	QPSK	HV	NT	-4.53	-0.006	PASS
Band12	5	23155	25	#0	16QAM	LV	NT	-2.23	-0.003	PASS
Band12	5	23155	25	#0	16QAM	NV	NT	-2.69	-0.004	PASS
Band12	5	23155	25	#0	16QAM	HV	NT	-2.39	-0.003	PASS
Band12	10	23060	50	#0	QPSK	LV	NT	-6.15	-0.009	PASS
Band12	10	23060	50	#0	QPSK	NV	NT	-5.72	-0.008	PASS
Band12	10	23060	50	#0	QPSK	HV	NT	-4.51	-0.006	PASS
Band12	10	23060	50	#0	16QAM	LV	NT	-1.90	-0.003	PASS
Band12	10	23060	50	#0	16QAM	NV	NT	-1.97	-0.003	PASS
Band12	10	23060	50	#0	16QAM	HV	NT	0.31	0.000	PASS
Band12	10	23095	50	#0	QPSK	LV	NT	-3.13	-0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	NT	-4.95	-0.007	PASS
Band12	10	23095	50	#0	QPSK	HV	NT	-4.99	-0.007	PASS
Band12	10	23095	50	#0	16QAM	LV	NT	-3.99	-0.006	PASS
Band12	10	23095	50	#0	16QAM	NV	NT	-0.97	-0.001	PASS
Band12	10	23095	50	#0	16QAM	HV	NT	0.84	0.001	PASS
Band12	10	23130	50	#0	QPSK	LV	NT	-2.56	-0.004	PASS
Band12	10	23130	50	#0	QPSK	NV	NT	-5.22	-0.007	PASS
Band12	10	23130	50	#0	QPSK	HV	NT	-3.43	-0.005	PASS
Band12	10	23130	50	#0	16QAM	LV	NT	-3.33	-0.005	PASS
Band12	10	23130	50	#0	16QAM	NV	NT	-2.90	-0.004	PASS
Band12	10	23130	50	#0	16QAM	HV	NT	-1.69	-0.002	PASS

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	NV	-30	-24.45	-0.035	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-20	-22.53	-0.032	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-10	-19.58	-0.028	PASS
Band12	1.4	23017	6	#0	QPSK	NV	0	-19.43	-0.028	PASS
Band12	1.4	23017	6	#0	QPSK	NV	10	-15.48	-0.022	PASS
Band12	1.4	23017	6	#0	QPSK	NV	20	-14.86	-0.021	PASS

Band12	1.4	23017	6	#0	QPSK	NV	30	-12.27	-0.018	PASS
Band12	1.4	23017	6	#0	QPSK	NV	40	-9.87	-0.014	PASS
Band12	1.4	23017	6	#0	QPSK	NV	50	-8.78	-0.013	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-30	-10.43	-0.015	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-20	-5.45	-0.008	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-10	-0.41	-0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	0	-0.54	-0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	10	0.87	0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	20	-1.24	-0.002	PASS
Band12	1.4	23017	6	#0	16QAM	NV	30	-2.93	-0.004	PASS
Band12	1.4	23017	6	#0	16QAM	NV	40	-4.35	-0.006	PASS
Band12	1.4	23017	6	#0	16QAM	NV	50	-5.15	-0.007	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-30	0.03	0.000	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-20	-2.02	-0.003	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-10	-8.31	-0.012	PASS
Band12	1.4	23095	6	#0	QPSK	NV	0	-7.00	-0.010	PASS
Band12	1.4	23095	6	#0	QPSK	NV	10	-3.60	-0.005	PASS
Band12	1.4	23095	6	#0	QPSK	NV	20	-2.06	-0.003	PASS
Band12	1.4	23095	6	#0	QPSK	NV	30	-1.97	-0.003	PASS
Band12	1.4	23095	6	#0	QPSK	NV	40	-2.26	-0.003	PASS
Band12	1.4	23095	6	#0	QPSK	NV	50	-1.00	-0.001	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-30	0.64	0.001	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-20	-7.50	-0.011	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-10	-3.46	-0.005	PASS
Band12	1.4	23095	6	#0	16QAM	NV	0	-2.46	-0.003	PASS
Band12	1.4	23095	6	#0	16QAM	NV	10	0.17	0.000	PASS
Band12	1.4	23095	6	#0	16QAM	NV	20	1.63	0.002	PASS
Band12	1.4	23095	6	#0	16QAM	NV	30	0.10	0.000	PASS
Band12	1.4	23095	6	#0	16QAM	NV	40	-0.14	0.000	PASS
Band12	1.4	23095	6	#0	16QAM	NV	50	-0.49	-0.001	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-30	-1.77	-0.002	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-20	-4.63	-0.006	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-10	-4.73	-0.007	PASS
Band12	1.4	23173	6	#0	QPSK	NV	0	-4.98	-0.007	PASS
Band12	1.4	23173	6	#0	QPSK	NV	10	-3.02	-0.004	PASS
Band12	1.4	23173	6	#0	QPSK	NV	20	-1.92	-0.003	PASS
Band12	1.4	23173	6	#0	QPSK	NV	30	-2.23	-0.003	PASS
Band12	1.4	23173	6	#0	QPSK	NV	40	-2.32	-0.003	PASS
Band12	1.4	23173	6	#0	QPSK	NV	50	-3.72	-0.005	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-30	0.10	0.000	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-20	1.22	0.002	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-10	1.65	0.002	PASS
Band12	1.4	23173	6	#0	16QAM	NV	0	1.60	0.002	PASS

Band12	1.4	23173	6	#0	16QAM	NV	10	0.34	0.000	PASS
Band12	1.4	23173	6	#0	16QAM	NV	20	-0.69	-0.001	PASS
Band12	1.4	23173	6	#0	16QAM	NV	30	-0.47	-0.001	PASS
Band12	1.4	23173	6	#0	16QAM	NV	40	-4.49	-0.006	PASS
Band12	1.4	23173	6	#0	16QAM	NV	50	-3.32	-0.005	PASS
Band12	3	23025	15	#0	QPSK	NV	-30	-0.87	-0.001	PASS
Band12	3	23025	15	#0	QPSK	NV	-20	-7.61	-0.011	PASS
Band12	3	23025	15	#0	QPSK	NV	-10	-11.46	-0.016	PASS
Band12	3	23025	15	#0	QPSK	NV	0	-10.31	-0.015	PASS
Band12	3	23025	15	#0	QPSK	NV	10	-4.38	-0.006	PASS
Band12	3	23025	15	#0	QPSK	NV	20	-4.62	-0.007	PASS
Band12	3	23025	15	#0	QPSK	NV	30	-2.82	-0.004	PASS
Band12	3	23025	15	#0	QPSK	NV	40	1.36	0.002	PASS
Band12	3	23025	15	#0	QPSK	NV	50	0.26	0.000	PASS
Band12	3	23025	15	#0	16QAM	NV	-30	-4.86	-0.007	PASS
Band12	3	23025	15	#0	16QAM	NV	-20	-2.76	-0.004	PASS
Band12	3	23025	15	#0	16QAM	NV	-10	0.01	0.000	PASS
Band12	3	23025	15	#0	16QAM	NV	0	-0.43	-0.001	PASS
Band12	3	23025	15	#0	16QAM	NV	10	0.00	0.000	PASS
Band12	3	23025	15	#0	16QAM	NV	20	-1.57	-0.002	PASS
Band12	3	23025	15	#0	16QAM	NV	30	2.35	0.003	PASS
Band12	3	23025	15	#0	16QAM	NV	40	-0.03	0.000	PASS
Band12	3	23025	15	#0	16QAM	NV	50	-5.08	-0.007	PASS
Band12	3	23095	15	#0	QPSK	NV	-30	1.22	0.002	PASS
Band12	3	23095	15	#0	QPSK	NV	-20	-4.68	-0.007	PASS
Band12	3	23095	15	#0	QPSK	NV	-10	-6.45	-0.009	PASS
Band12	3	23095	15	#0	QPSK	NV	0	-6.77	-0.010	PASS
Band12	3	23095	15	#0	QPSK	NV	10	-6.74	-0.010	PASS
Band12	3	23095	15	#0	QPSK	NV	20	-4.71	-0.007	PASS
Band12	3	23095	15	#0	QPSK	NV	30	-0.79	-0.001	PASS
Band12	3	23095	15	#0	QPSK	NV	40	-2.00	-0.003	PASS
Band12	3	23095	15	#0	QPSK	NV	50	-0.56	-0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	-30	-0.73	-0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	-20	0.49	0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	-10	-4.73	-0.007	PASS
Band12	3	23095	15	#0	16QAM	NV	0	1.52	0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	10	-0.19	0.000	PASS
Band12	3	23095	15	#0	16QAM	NV	20	-2.22	-0.003	PASS
Band12	3	23095	15	#0	16QAM	NV	30	-1.07	-0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	40	-0.86	-0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	50	-2.78	-0.004	PASS
Band12	3	23165	15	#0	QPSK	NV	-30	-4.98	-0.007	PASS
Band12	3	23165	15	#0	QPSK	NV	-20	-3.03	-0.004	PASS

Band12	3	23165	15	#0	QPSK	NV	-10	-6.58	-0.009	PASS
Band12	3	23165	15	#0	QPSK	NV	0	-4.65	-0.007	PASS
Band12	3	23165	15	#0	QPSK	NV	10	-4.73	-0.007	PASS
Band12	3	23165	15	#0	QPSK	NV	20	-3.72	-0.005	PASS
Band12	3	23165	15	#0	QPSK	NV	30	-1.52	-0.002	PASS
Band12	3	23165	15	#0	QPSK	NV	40	-0.73	-0.001	PASS
Band12	3	23165	15	#0	QPSK	NV	50	-2.68	-0.004	PASS
Band12	3	23165	15	#0	16QAM	NV	-30	-4.63	-0.006	PASS
Band12	3	23165	15	#0	16QAM	NV	-20	-1.46	-0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	-10	1.44	0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	0	3.23	0.005	PASS
Band12	3	23165	15	#0	16QAM	NV	10	4.26	0.006	PASS
Band12	3	23165	15	#0	16QAM	NV	20	-3.09	-0.004	PASS
Band12	3	23165	15	#0	16QAM	NV	30	1.07	0.001	PASS
Band12	3	23165	15	#0	16QAM	NV	40	-3.58	-0.005	PASS
Band12	3	23165	15	#0	16QAM	NV	50	-6.69	-0.009	PASS
Band12	5	23035	25	#0	QPSK	NV	-30	-5.88	-0.008	PASS
Band12	5	23035	25	#0	QPSK	NV	-20	-9.30	-0.013	PASS
Band12	5	23035	25	#0	QPSK	NV	-10	-4.38	-0.006	PASS
Band12	5	23035	25	#0	QPSK	NV	0	-4.42	-0.006	PASS
Band12	5	23035	25	#0	QPSK	NV	10	-2.36	-0.003	PASS
Band12	5	23035	25	#0	QPSK	NV	20	-0.57	-0.001	PASS
Band12	5	23035	25	#0	QPSK	NV	30	-0.92	-0.001	PASS
Band12	5	23035	25	#0	QPSK	NV	40	0.54	0.001	PASS
Band12	5	23035	25	#0	QPSK	NV	50	-2.09	-0.003	PASS
Band12	5	23035	25	#0	16QAM	NV	-30	-0.72	-0.001	PASS
Band12	5	23035	25	#0	16QAM	NV	-20	0.09	0.000	PASS
Band12	5	23035	25	#0	16QAM	NV	-10	2.39	0.003	PASS
Band12	5	23035	25	#0	16QAM	NV	0	0.74	0.001	PASS
Band12	5	23035	25	#0	16QAM	NV	10	-2.10	-0.003	PASS
Band12	5	23035	25	#0	16QAM	NV	20	-0.44	-0.001	PASS
Band12	5	23035	25	#0	16QAM	NV	30	-2.98	-0.004	PASS
Band12	5	23035	25	#0	16QAM	NV	40	-3.38	-0.005	PASS
Band12	5	23035	25	#0	16QAM	NV	50	-1.63	-0.002	PASS
Band12	5	23095	25	#0	QPSK	NV	-30	-5.14	-0.007	PASS
Band12	5	23095	25	#0	QPSK	NV	-20	-4.85	-0.007	PASS
Band12	5	23095	25	#0	QPSK	NV	-10	-3.28	-0.005	PASS
Band12	5	23095	25	#0	QPSK	NV	0	-3.16	-0.004	PASS
Band12	5	23095	25	#0	QPSK	NV	10	-1.56	-0.002	PASS
Band12	5	23095	25	#0	QPSK	NV	20	-3.18	-0.004	PASS
Band12	5	23095	25	#0	QPSK	NV	30	-3.86	-0.005	PASS
Band12	5	23095	25	#0	QPSK	NV	40	-1.33	-0.002	PASS
Band12	5	23095	25	#0	QPSK	NV	50	-0.93	-0.001	PASS

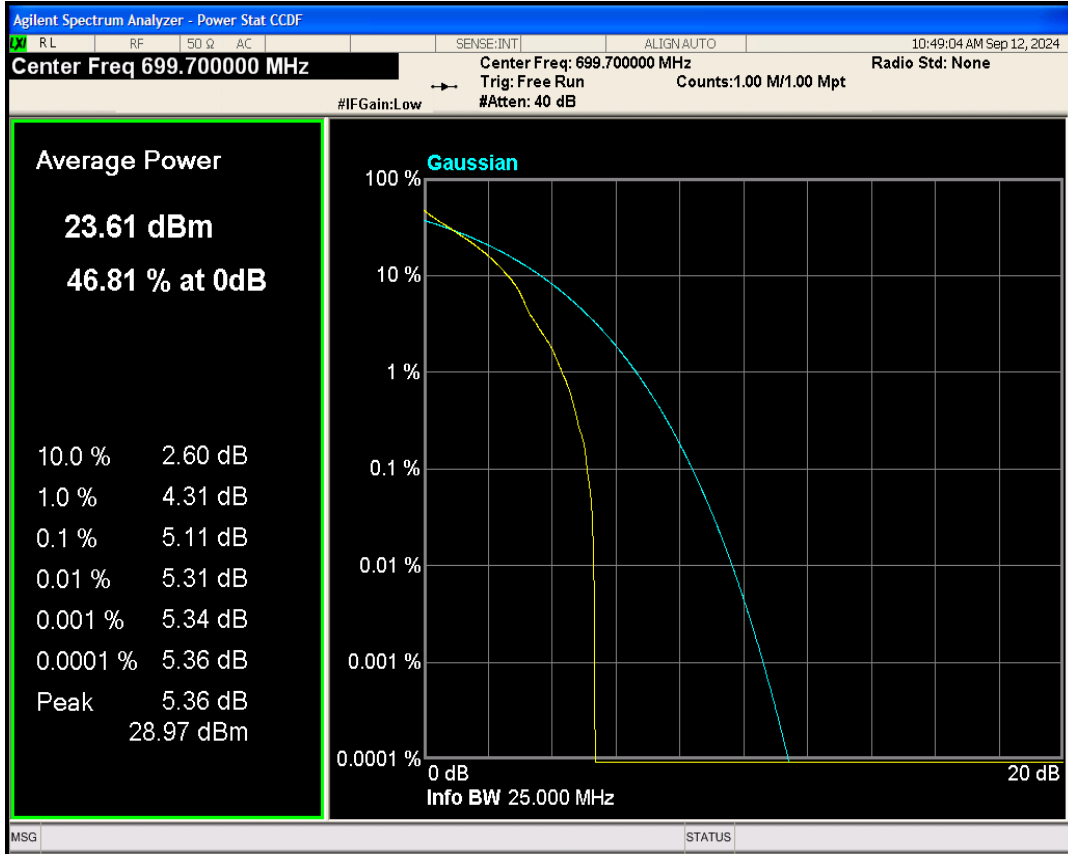
Band12	5	23095	25	#0	16QAM	NV	-30	-3.33	-0.005	PASS
Band12	5	23095	25	#0	16QAM	NV	-20	-1.10	-0.002	PASS
Band12	5	23095	25	#0	16QAM	NV	-10	-4.01	-0.006	PASS
Band12	5	23095	25	#0	16QAM	NV	0	-1.83	-0.003	PASS
Band12	5	23095	25	#0	16QAM	NV	10	-1.52	-0.002	PASS
Band12	5	23095	25	#0	16QAM	NV	20	-5.09	-0.007	PASS
Band12	5	23095	25	#0	16QAM	NV	30	-2.83	-0.004	PASS
Band12	5	23095	25	#0	16QAM	NV	40	-1.73	-0.002	PASS
Band12	5	23095	25	#0	16QAM	NV	50	-1.24	-0.002	PASS
Band12	5	23155	25	#0	QPSK	NV	-30	-0.89	-0.001	PASS
Band12	5	23155	25	#0	QPSK	NV	-20	-3.50	-0.005	PASS
Band12	5	23155	25	#0	QPSK	NV	-10	-3.10	-0.004	PASS
Band12	5	23155	25	#0	QPSK	NV	0	-4.56	-0.006	PASS
Band12	5	23155	25	#0	QPSK	NV	10	-4.46	-0.006	PASS
Band12	5	23155	25	#0	QPSK	NV	20	-3.79	-0.005	PASS
Band12	5	23155	25	#0	QPSK	NV	30	0.80	0.001	PASS
Band12	5	23155	25	#0	QPSK	NV	40	-6.68	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	50	0.47	0.001	PASS
Band12	5	23155	25	#0	16QAM	NV	-30	-4.48	-0.006	PASS
Band12	5	23155	25	#0	16QAM	NV	-20	-4.12	-0.006	PASS
Band12	5	23155	25	#0	16QAM	NV	-10	0.41	0.001	PASS
Band12	5	23155	25	#0	16QAM	NV	0	1.92	0.003	PASS
Band12	5	23155	25	#0	16QAM	NV	10	-3.88	-0.005	PASS
Band12	5	23155	25	#0	16QAM	NV	20	-4.73	-0.007	PASS
Band12	5	23155	25	#0	16QAM	NV	30	-0.80	-0.001	PASS
Band12	5	23155	25	#0	16QAM	NV	40	-1.02	-0.001	PASS
Band12	5	23155	25	#0	16QAM	NV	50	-6.57	-0.009	PASS
Band12	10	23060	50	#0	QPSK	NV	-30	-6.17	-0.009	PASS
Band12	10	23060	50	#0	QPSK	NV	-20	-6.42	-0.009	PASS
Band12	10	23060	50	#0	QPSK	NV	-10	-2.40	-0.003	PASS
Band12	10	23060	50	#0	QPSK	NV	0	-1.70	-0.002	PASS
Band12	10	23060	50	#0	QPSK	NV	10	-2.29	-0.003	PASS
Band12	10	23060	50	#0	QPSK	NV	20	-4.08	-0.006	PASS
Band12	10	23060	50	#0	QPSK	NV	30	-2.29	-0.003	PASS
Band12	10	23060	50	#0	QPSK	NV	40	-2.47	-0.004	PASS
Band12	10	23060	50	#0	QPSK	NV	50	-2.56	-0.004	PASS
Band12	10	23060	50	#0	16QAM	NV	-30	-2.46	-0.003	PASS
Band12	10	23060	50	#0	16QAM	NV	-20	-3.02	-0.004	PASS
Band12	10	23060	50	#0	16QAM	NV	-10	-2.42	-0.003	PASS
Band12	10	23060	50	#0	16QAM	NV	0	-0.07	0.000	PASS
Band12	10	23060	50	#0	16QAM	NV	10	0.19	0.000	PASS
Band12	10	23060	50	#0	16QAM	NV	20	-0.73	-0.001	PASS
Band12	10	23060	50	#0	16QAM	NV	30	-0.29	0.000	PASS

Band12	10	23060	50	#0	16QAM	NV	40	-1.23	-0.002	PASS
Band12	10	23060	50	#0	16QAM	NV	50	-3.08	-0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	-30	-1.43	-0.002	PASS
Band12	10	23095	50	#0	QPSK	NV	-20	-2.20	-0.003	PASS
Band12	10	23095	50	#0	QPSK	NV	-10	-2.40	-0.003	PASS
Band12	10	23095	50	#0	QPSK	NV	0	-2.26	-0.003	PASS
Band12	10	23095	50	#0	QPSK	NV	10	-2.75	-0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	20	-2.65	-0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	30	-1.56	-0.002	PASS
Band12	10	23095	50	#0	QPSK	NV	40	-0.74	-0.001	PASS
Band12	10	23095	50	#0	QPSK	NV	50	-4.28	-0.006	PASS
Band12	10	23095	50	#0	16QAM	NV	-30	-2.19	-0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	-20	-2.32	-0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	-10	-2.25	-0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	0	-1.63	-0.002	PASS
Band12	10	23095	50	#0	16QAM	NV	10	-2.79	-0.004	PASS
Band12	10	23095	50	#0	16QAM	NV	20	-4.18	-0.006	PASS
Band12	10	23095	50	#0	16QAM	NV	30	-0.69	-0.001	PASS
Band12	10	23095	50	#0	16QAM	NV	40	-2.15	-0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	50	-1.75	-0.002	PASS
Band12	10	23130	50	#0	QPSK	NV	-30	-1.76	-0.002	PASS
Band12	10	23130	50	#0	QPSK	NV	-20	-4.65	-0.007	PASS
Band12	10	23130	50	#0	QPSK	NV	-10	-2.88	-0.004	PASS
Band12	10	23130	50	#0	QPSK	NV	0	-3.65	-0.005	PASS
Band12	10	23130	50	#0	QPSK	NV	10	-3.02	-0.004	PASS
Band12	10	23130	50	#0	QPSK	NV	20	-4.96	-0.007	PASS
Band12	10	23130	50	#0	QPSK	NV	30	-5.01	-0.007	PASS
Band12	10	23130	50	#0	QPSK	NV	40	-1.04	-0.001	PASS
Band12	10	23130	50	#0	QPSK	NV	50	-5.18	-0.007	PASS
Band12	10	23130	50	#0	16QAM	NV	-30	-0.53	-0.001	PASS
Band12	10	23130	50	#0	16QAM	NV	-20	-1.29	-0.002	PASS
Band12	10	23130	50	#0	16QAM	NV	-10	-4.76	-0.007	PASS
Band12	10	23130	50	#0	16QAM	NV	0	-4.66	-0.007	PASS
Band12	10	23130	50	#0	16QAM	NV	10	-1.50	-0.002	PASS
Band12	10	23130	50	#0	16QAM	NV	20	-1.73	-0.002	PASS
Band12	10	23130	50	#0	16QAM	NV	30	-2.56	-0.004	PASS
Band12	10	23130	50	#0	16QAM	NV	40	-0.11	0.000	PASS
Band12	10	23130	50	#0	16QAM	NV	50	-3.09	-0.004	PASS

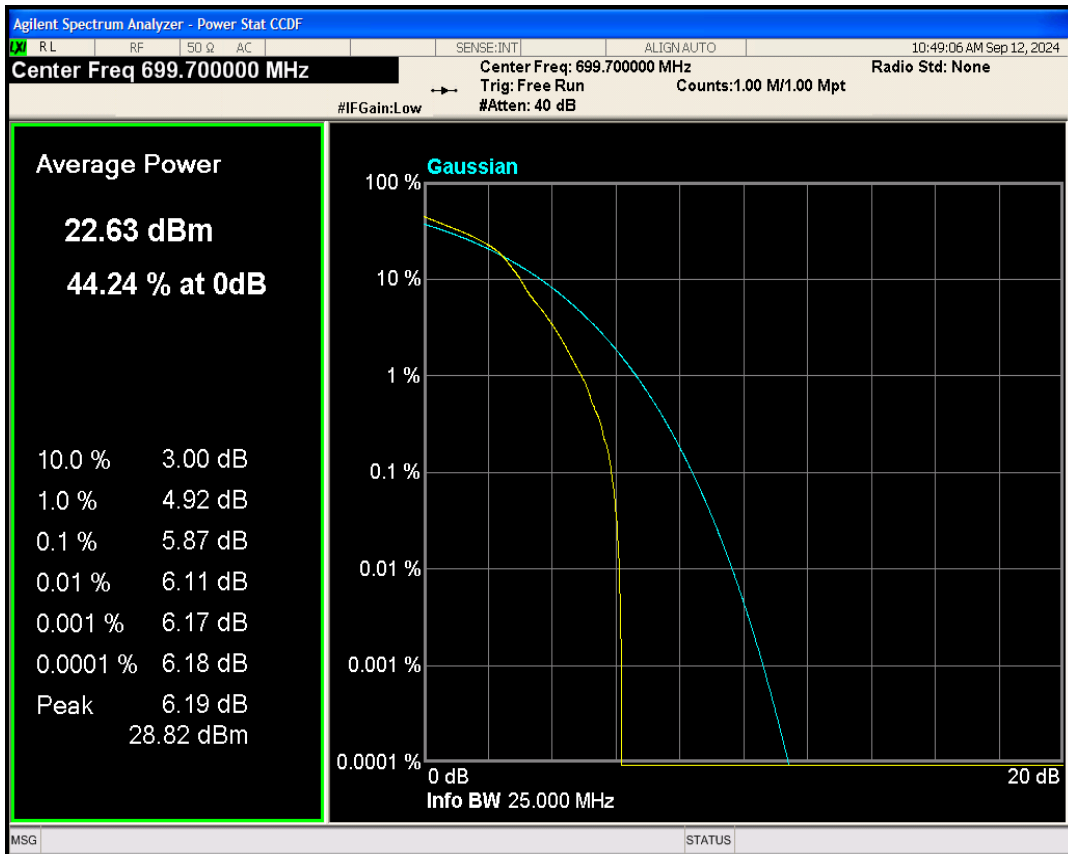
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	5.11	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.87	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.63	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.51	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.47	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.16	13	PASS
Band12	3	23025	1	#0	QPSK	4.98	13	PASS
Band12	3	23025	1	#0	16QAM	5.91	13	PASS
Band12	3	23095	1	#0	QPSK	4.44	13	PASS
Band12	3	23095	1	#0	16QAM	5.59	13	PASS
Band12	3	23165	1	#0	QPSK	4.86	13	PASS
Band12	3	23165	1	#0	16QAM	5.59	13	PASS
Band12	5	23035	1	#0	QPSK	5.11	13	PASS
Band12	5	23035	1	#0	16QAM	5.74	13	PASS
Band12	5	23095	1	#0	QPSK	4.28	13	PASS
Band12	5	23095	1	#0	16QAM	4.93	13	PASS
Band12	5	23155	1	#0	QPSK	5.46	13	PASS
Band12	5	23155	1	#0	16QAM	5.96	13	PASS
Band12	10	23060	1	#0	QPSK	4.82	13	PASS
Band12	10	23060	1	#0	16QAM	5.75	13	PASS
Band12	10	23095	1	#0	QPSK	4.57	13	PASS
Band12	10	23095	1	#0	16QAM	5.41	13	PASS
Band12	10	23130	1	#0	QPSK	4.39	13	PASS
Band12	10	23130	1	#0	16QAM	5.46	13	PASS

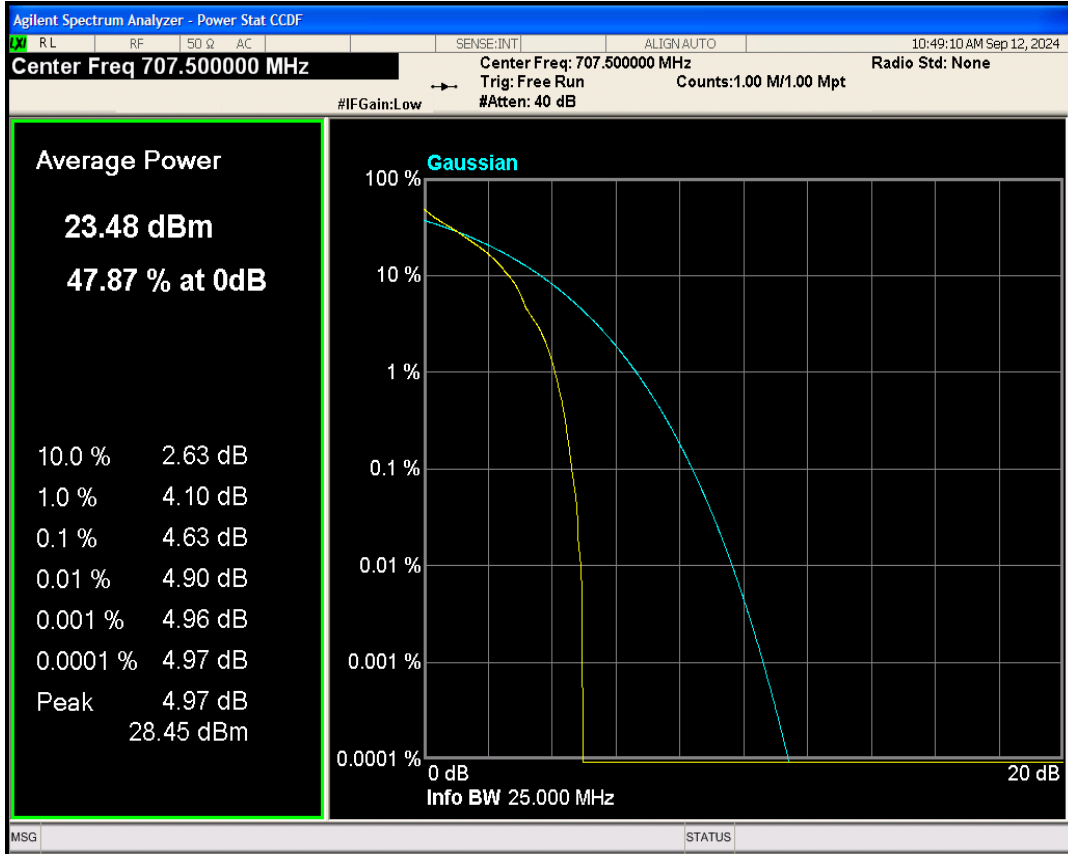
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



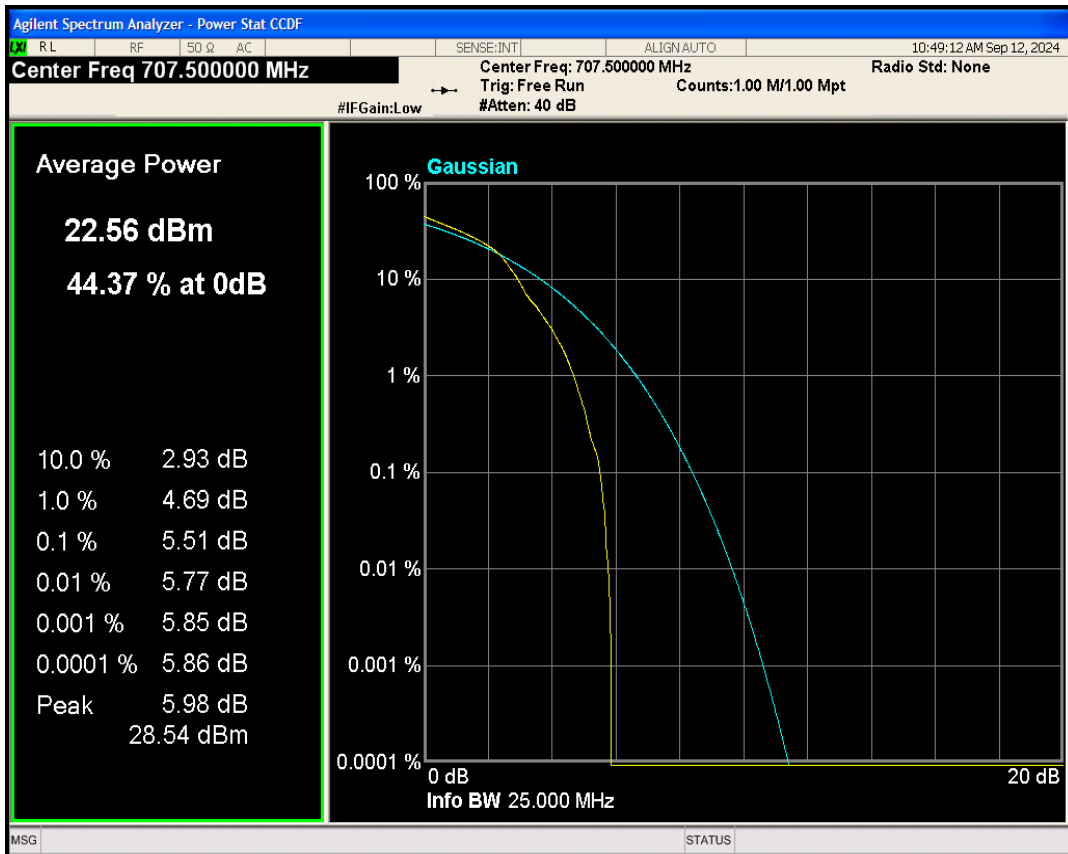
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



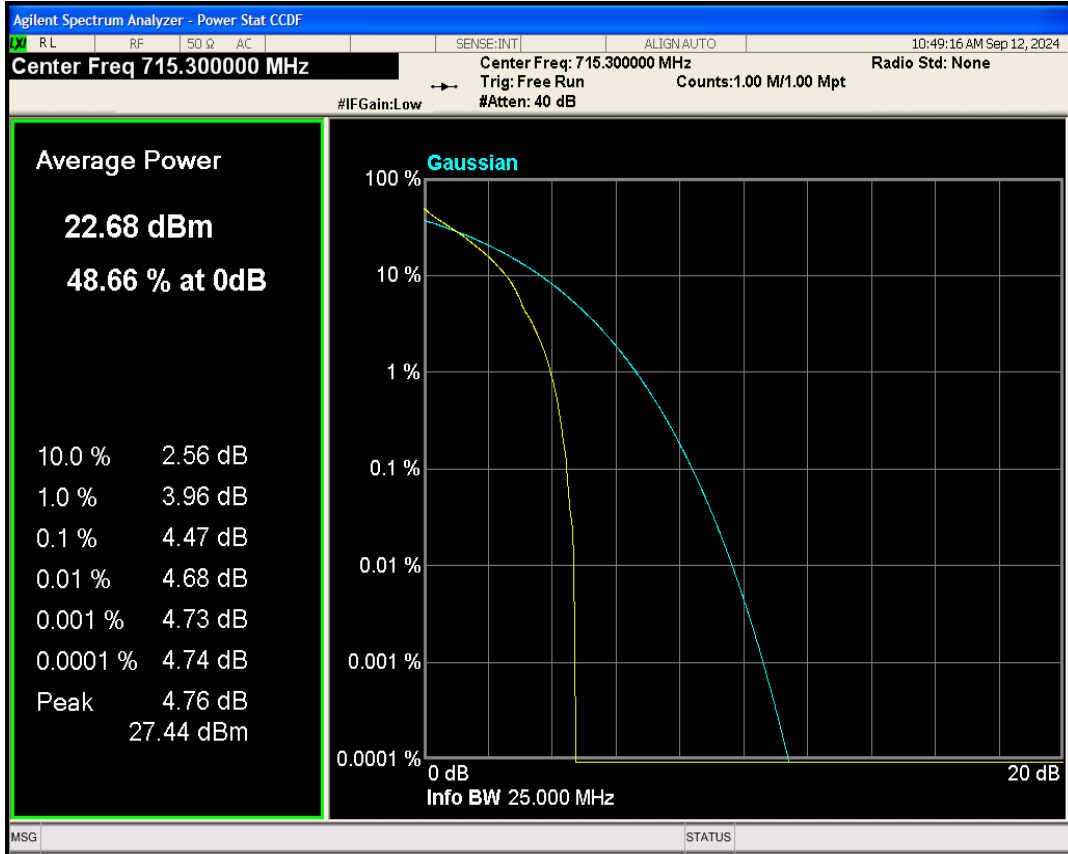
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



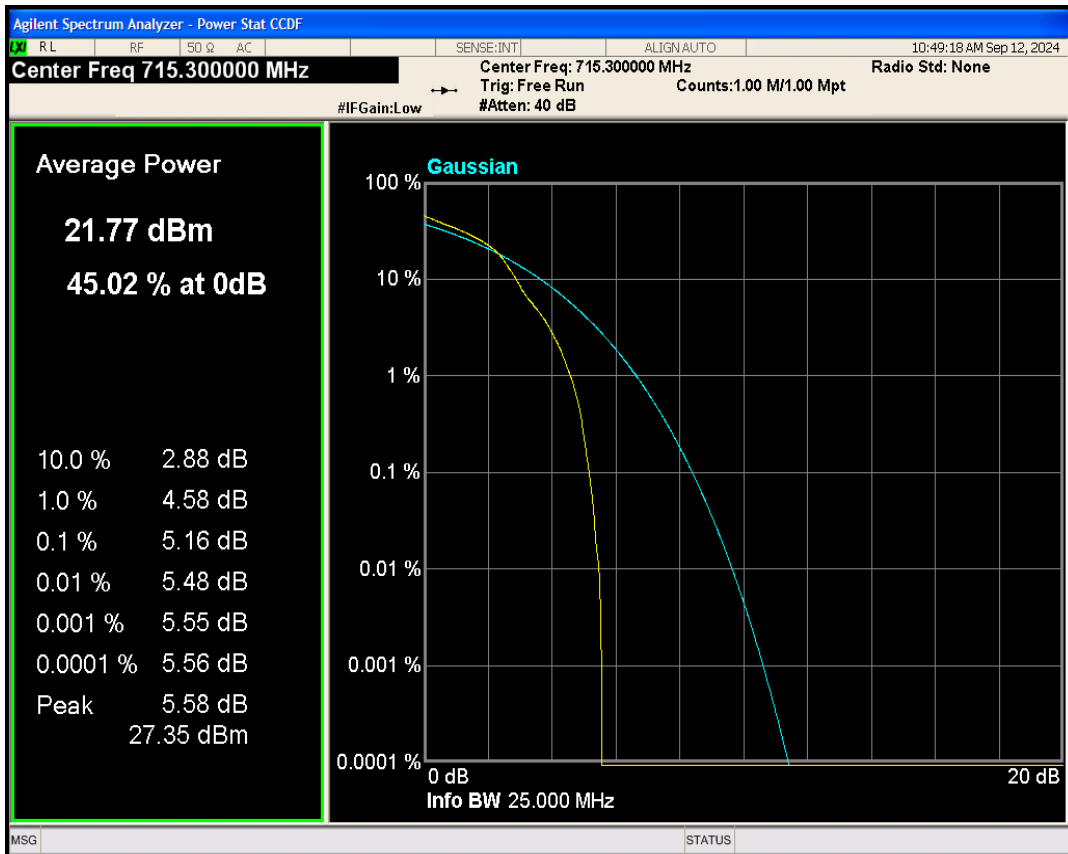
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



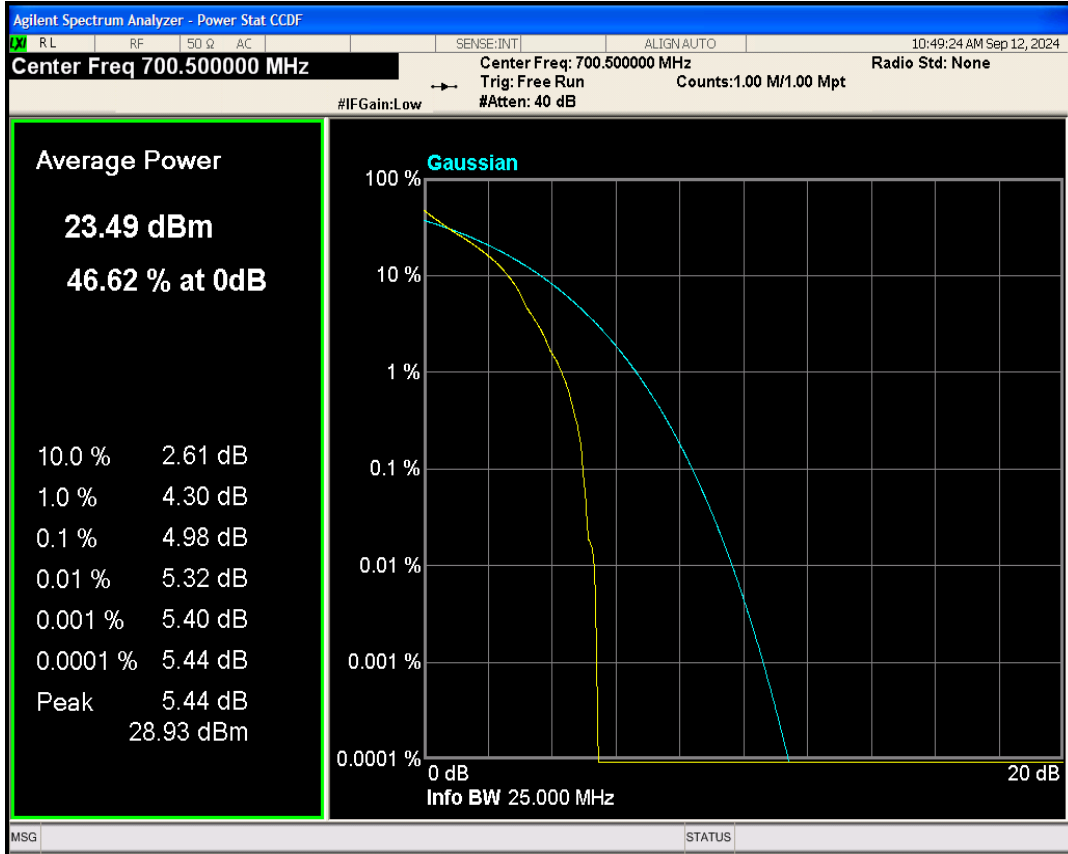
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



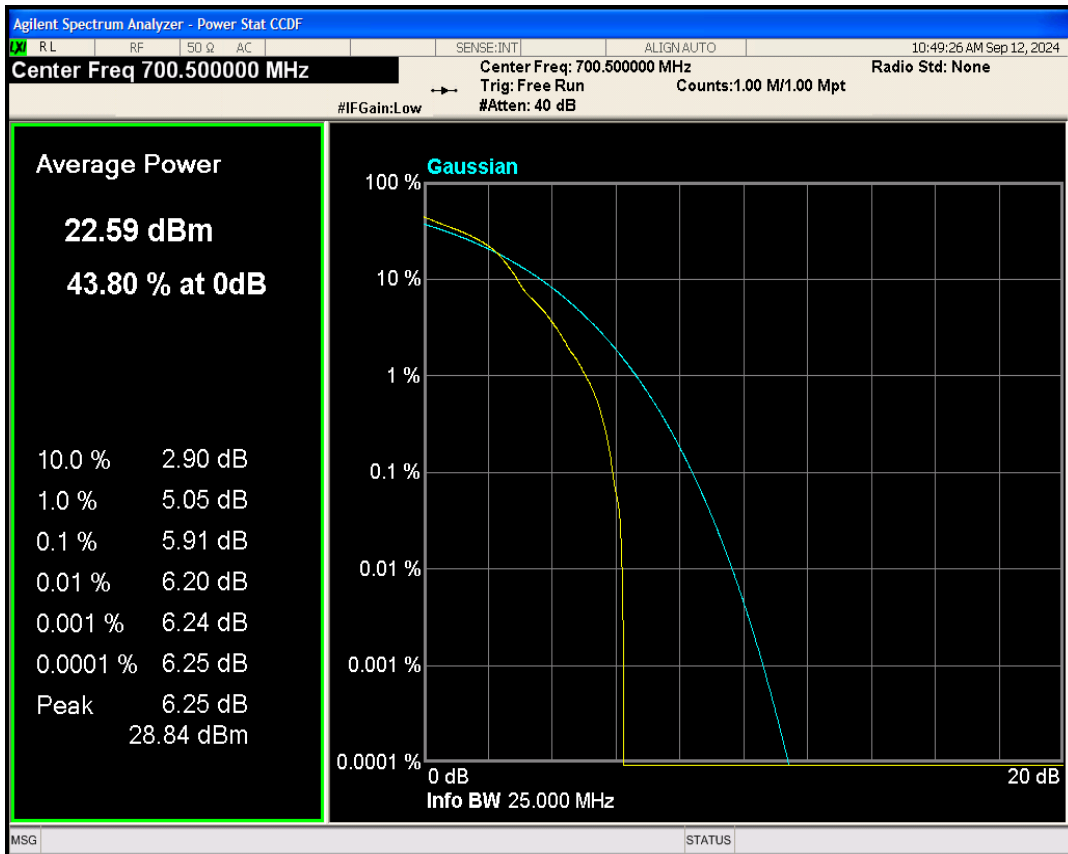
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



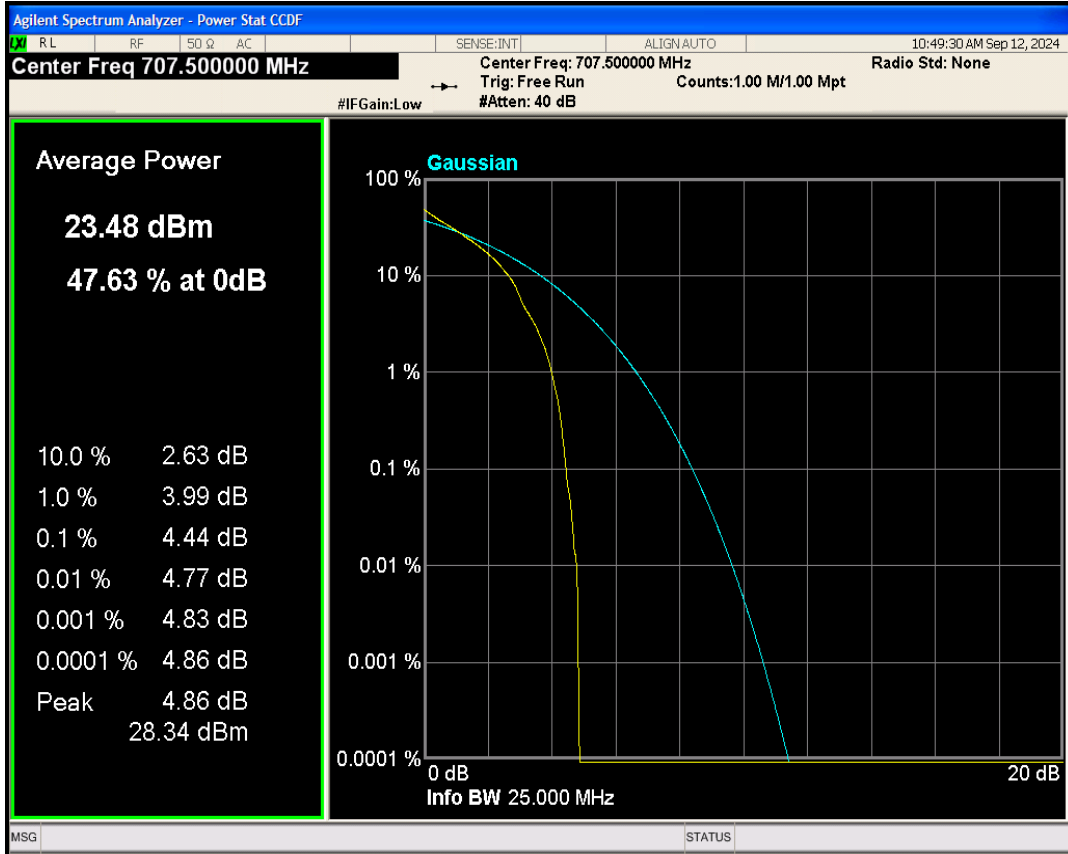
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



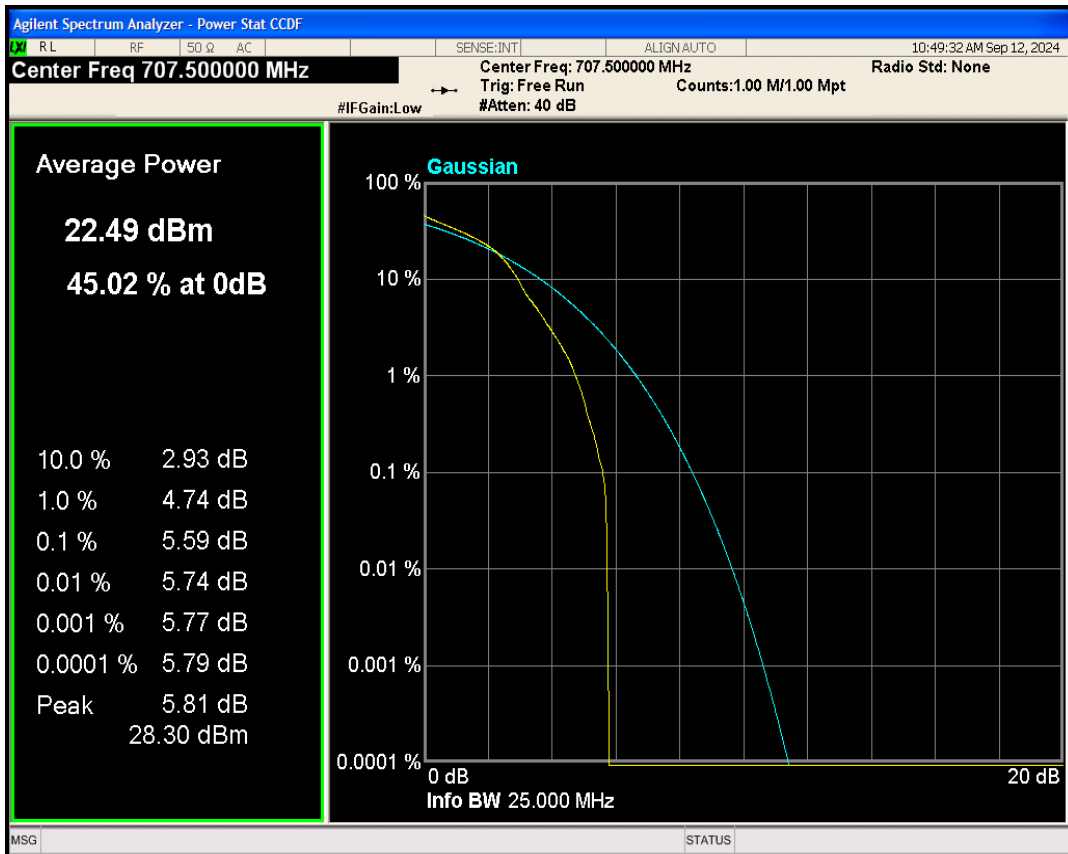
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



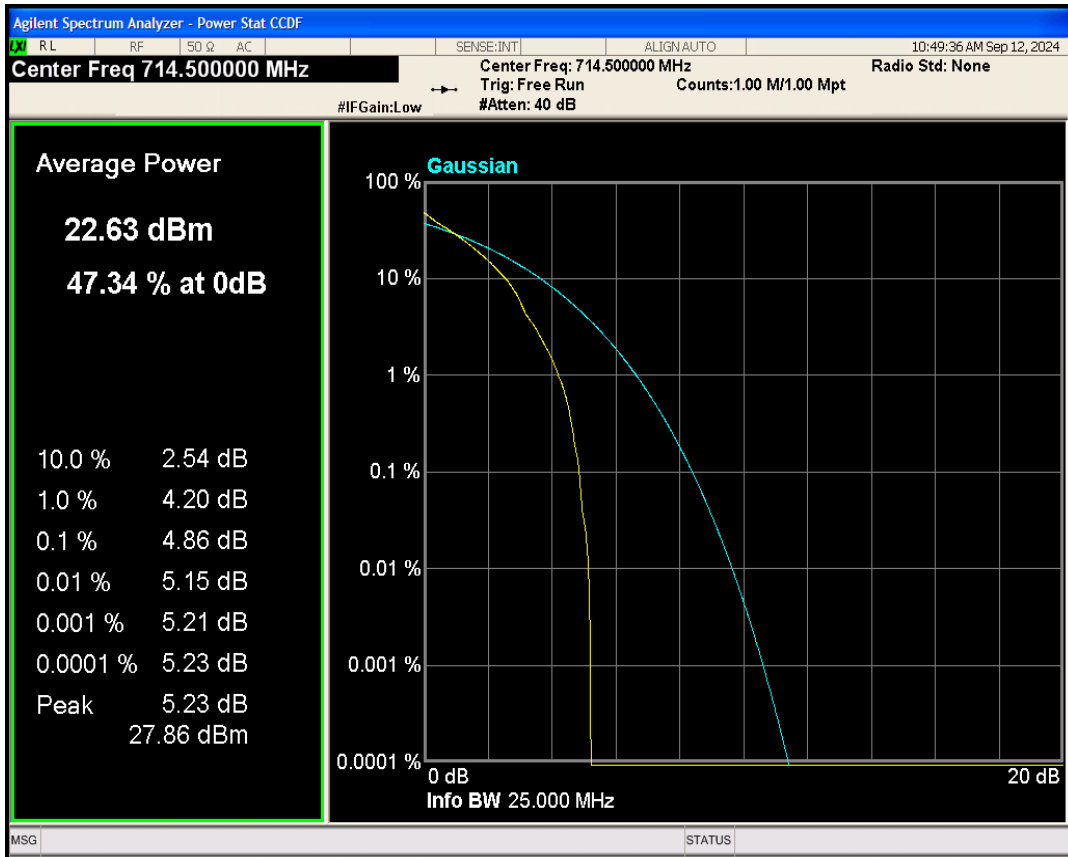
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



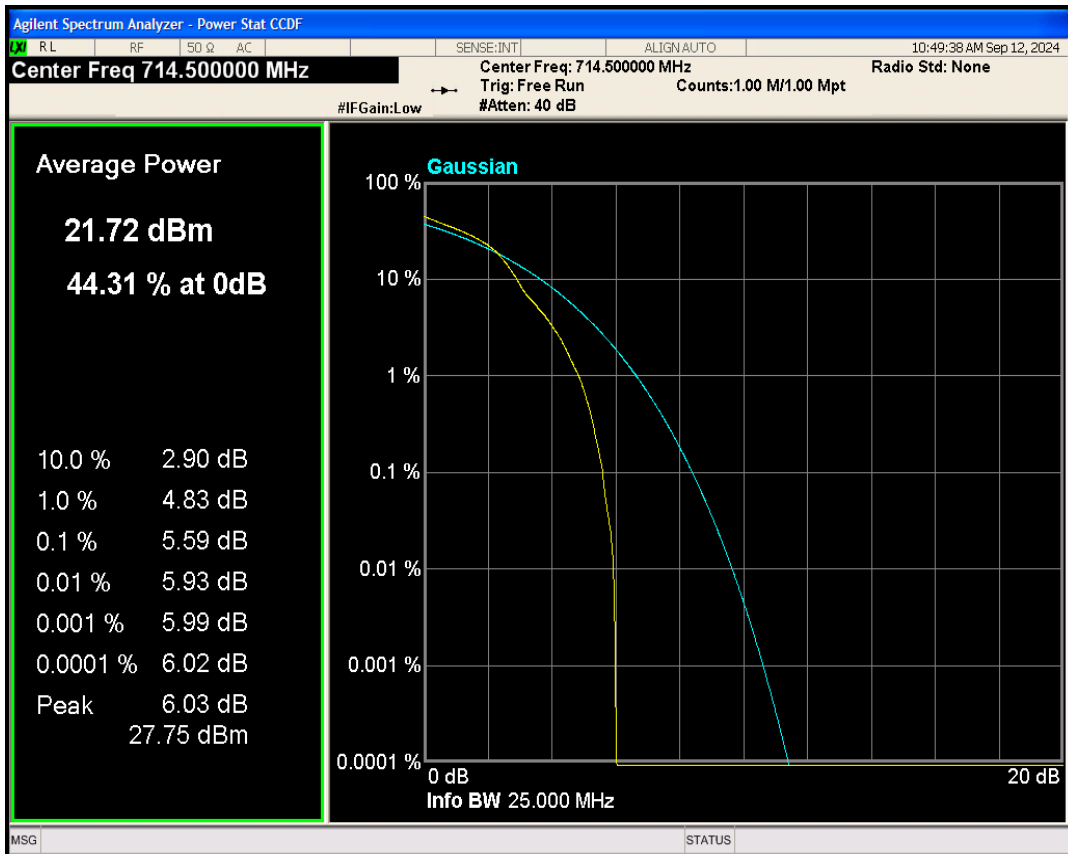
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



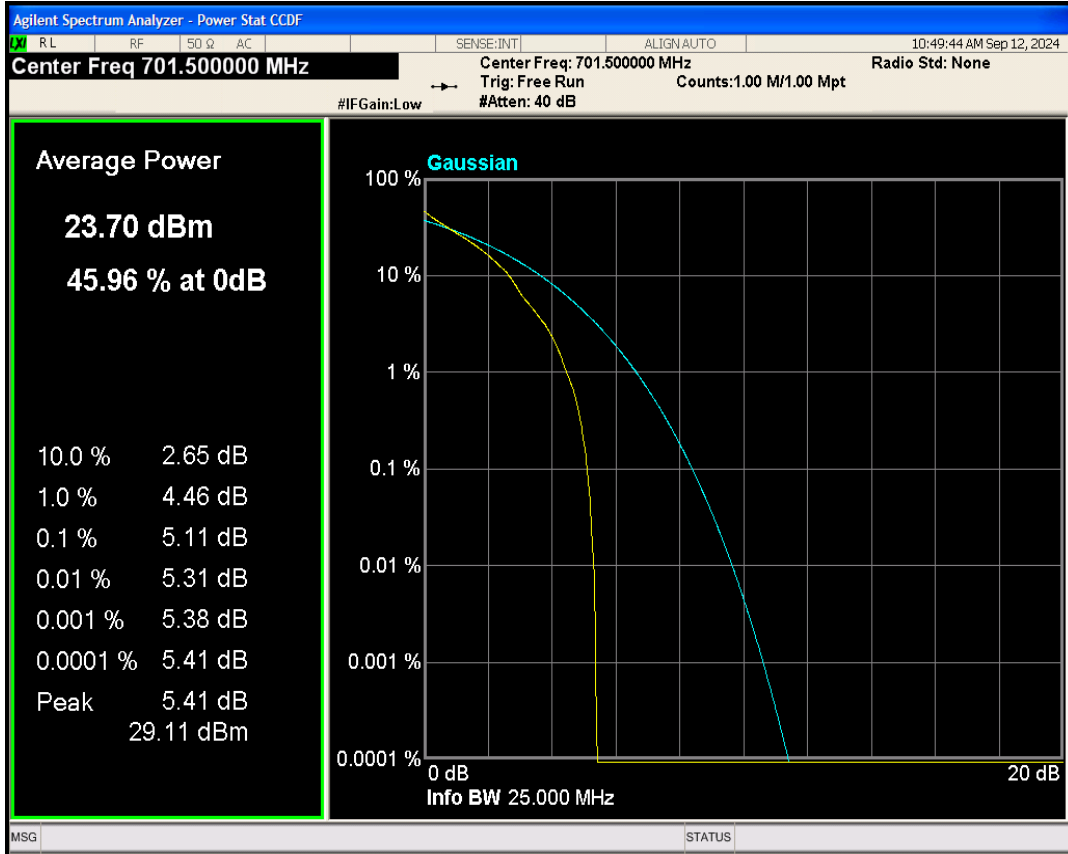
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



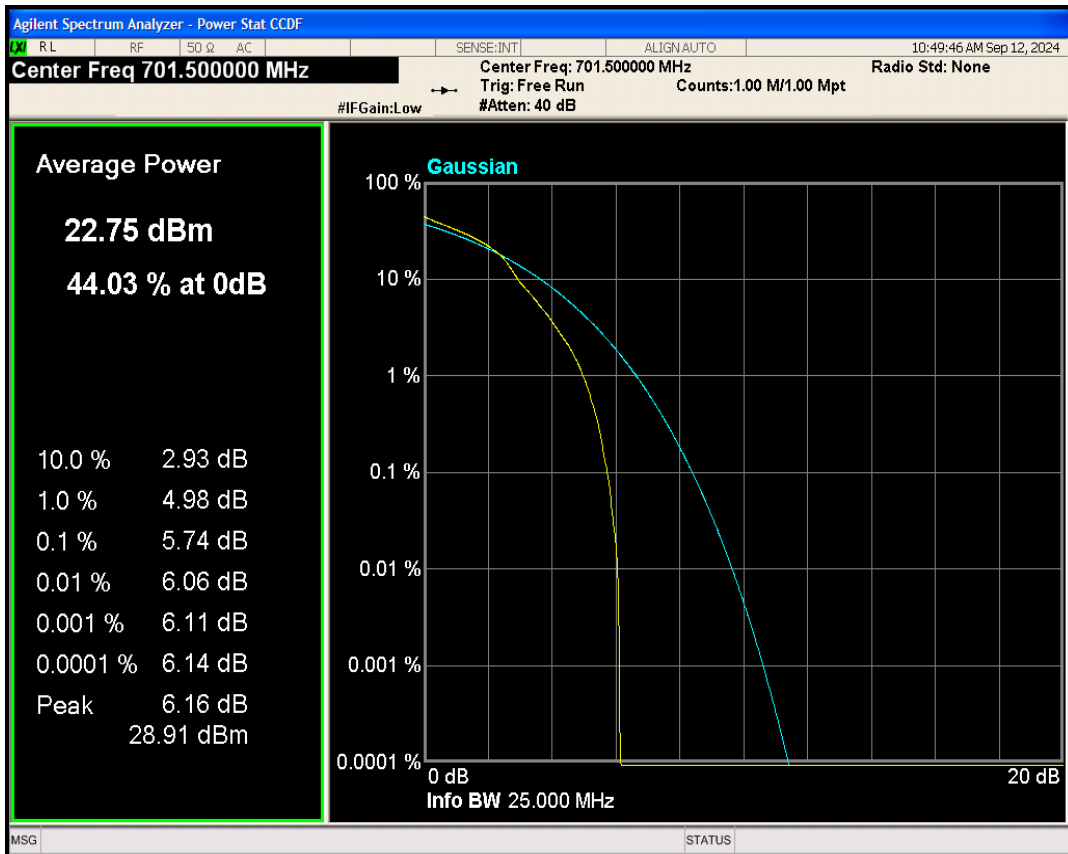
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



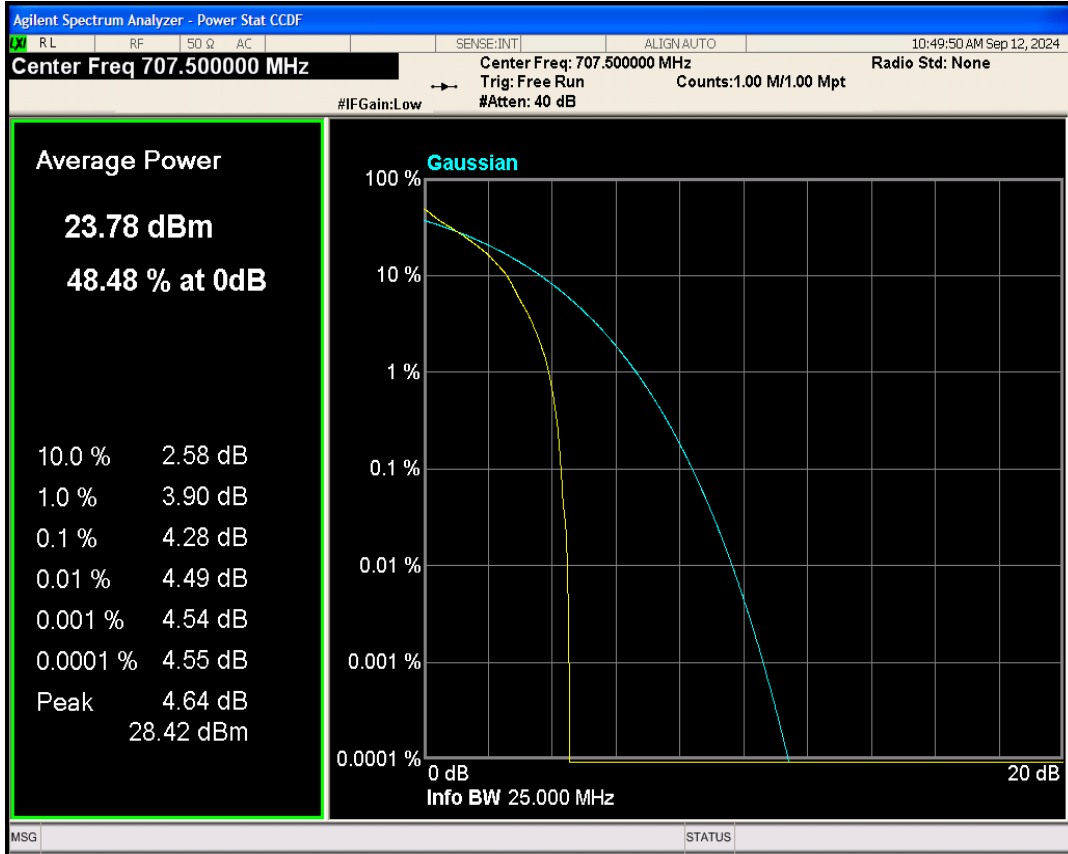
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



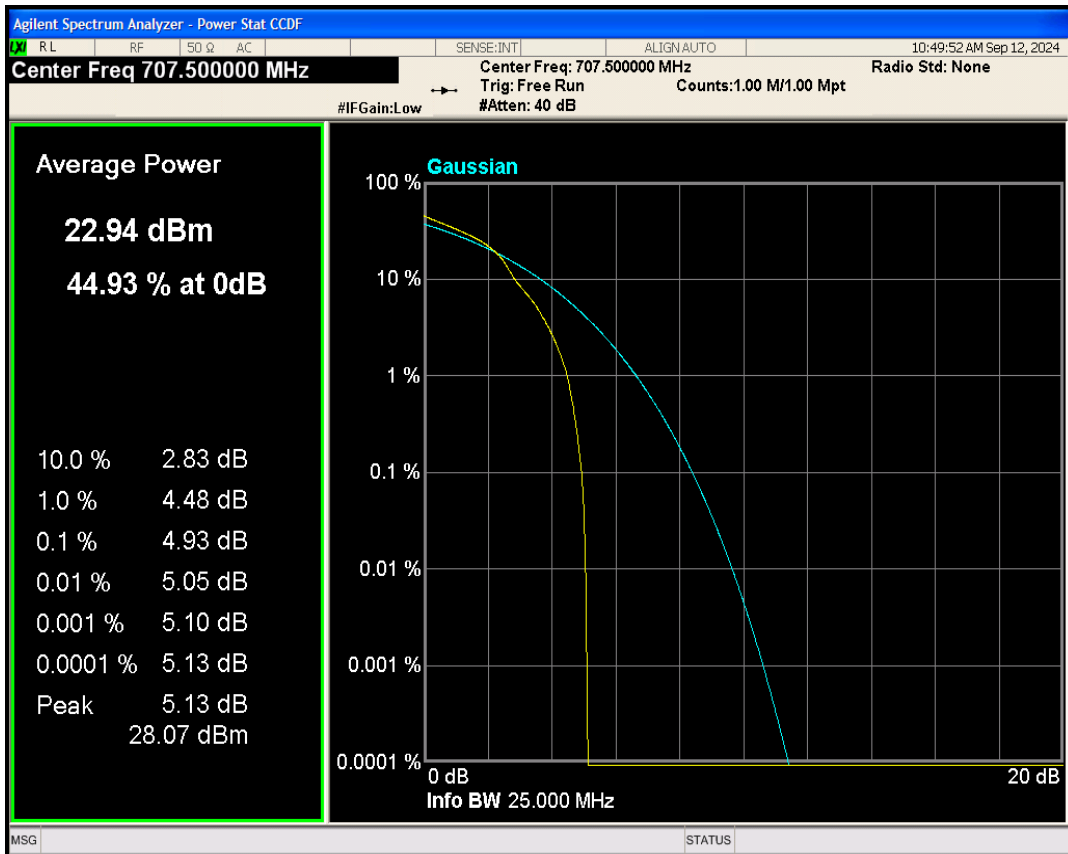
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



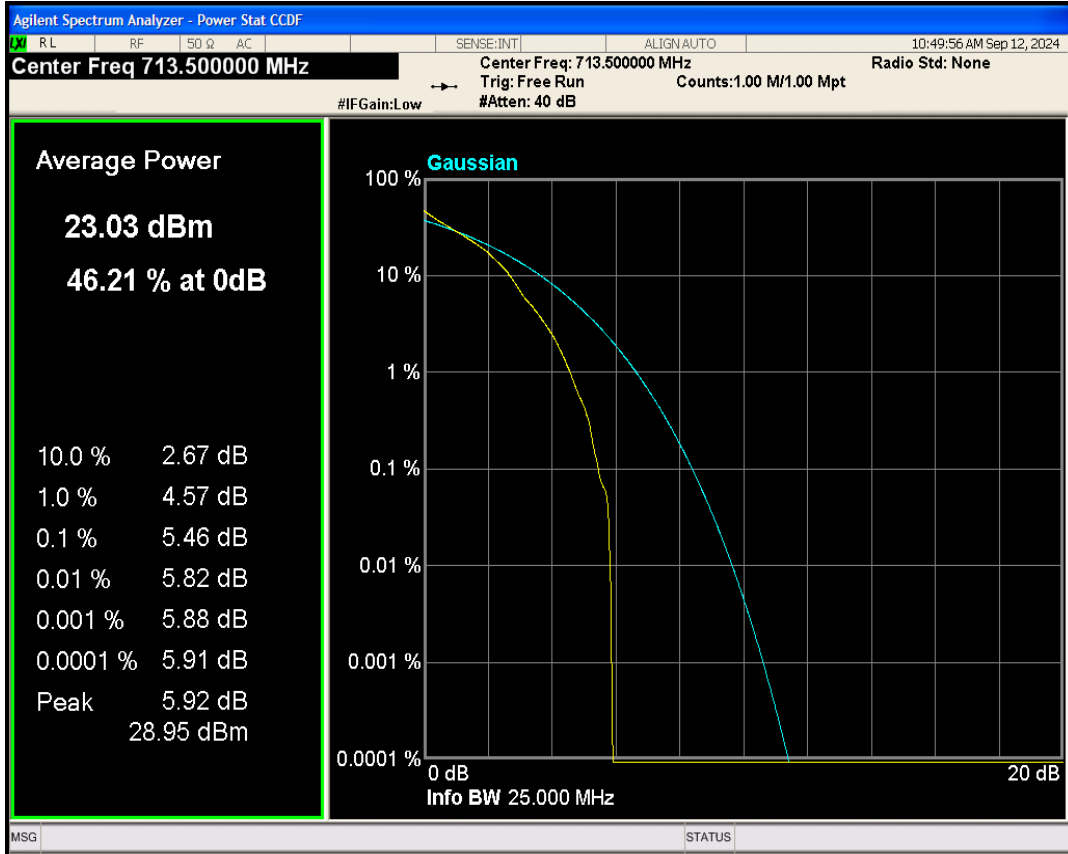
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



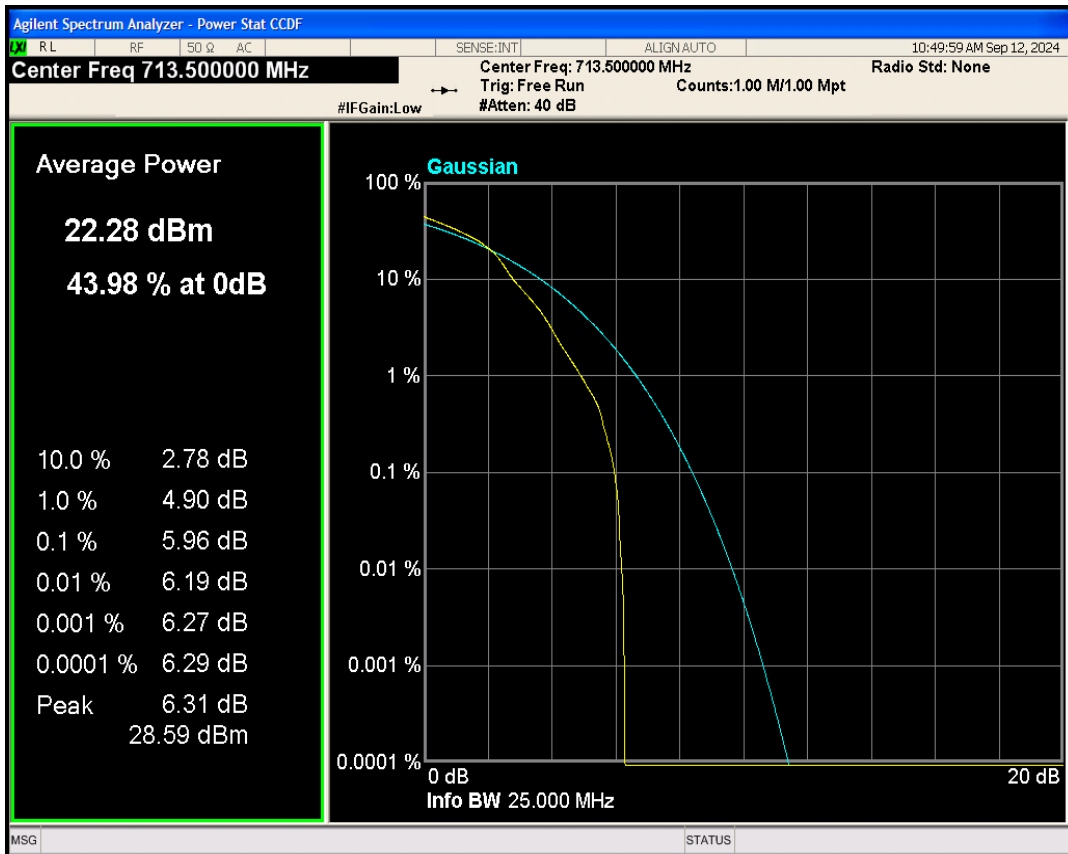
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



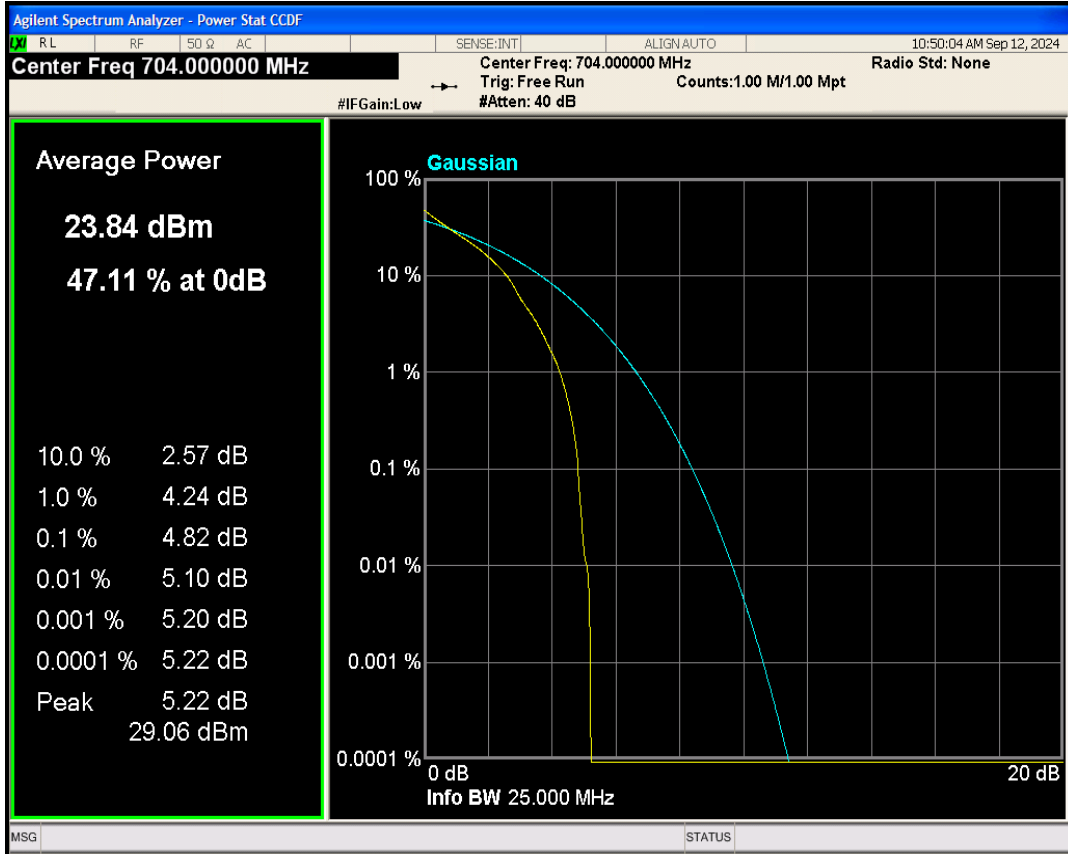
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



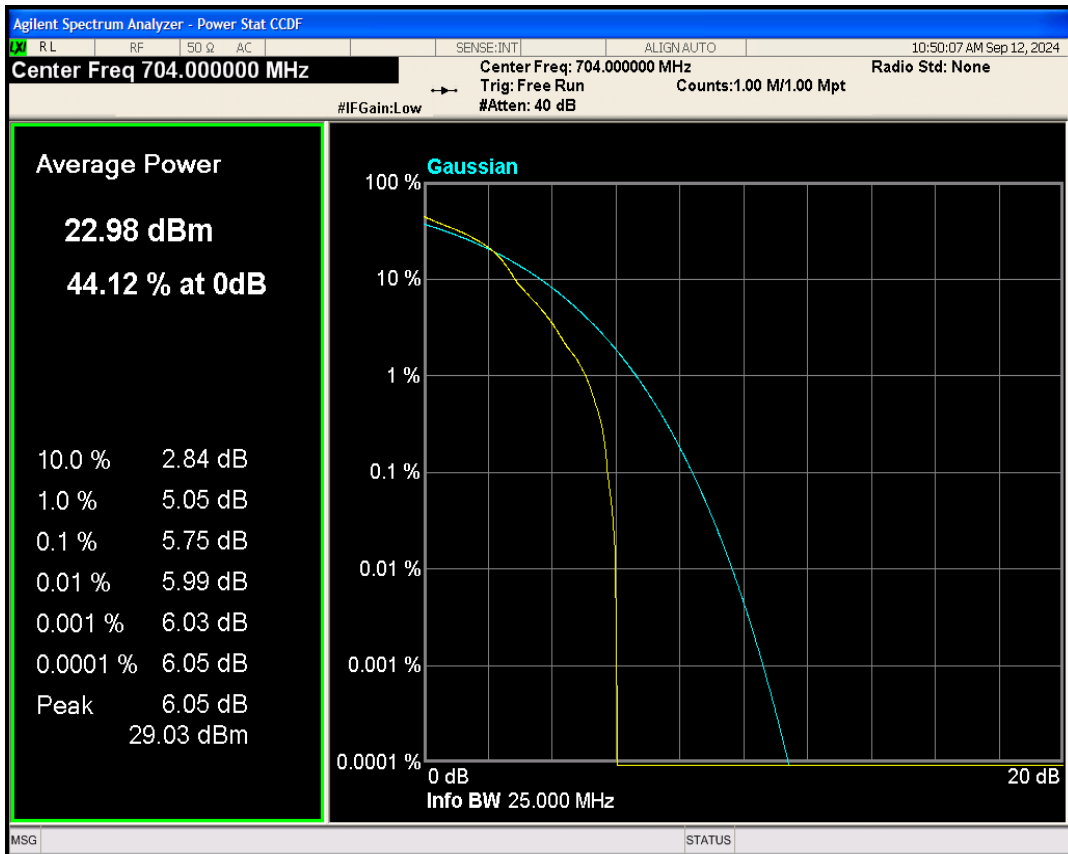
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



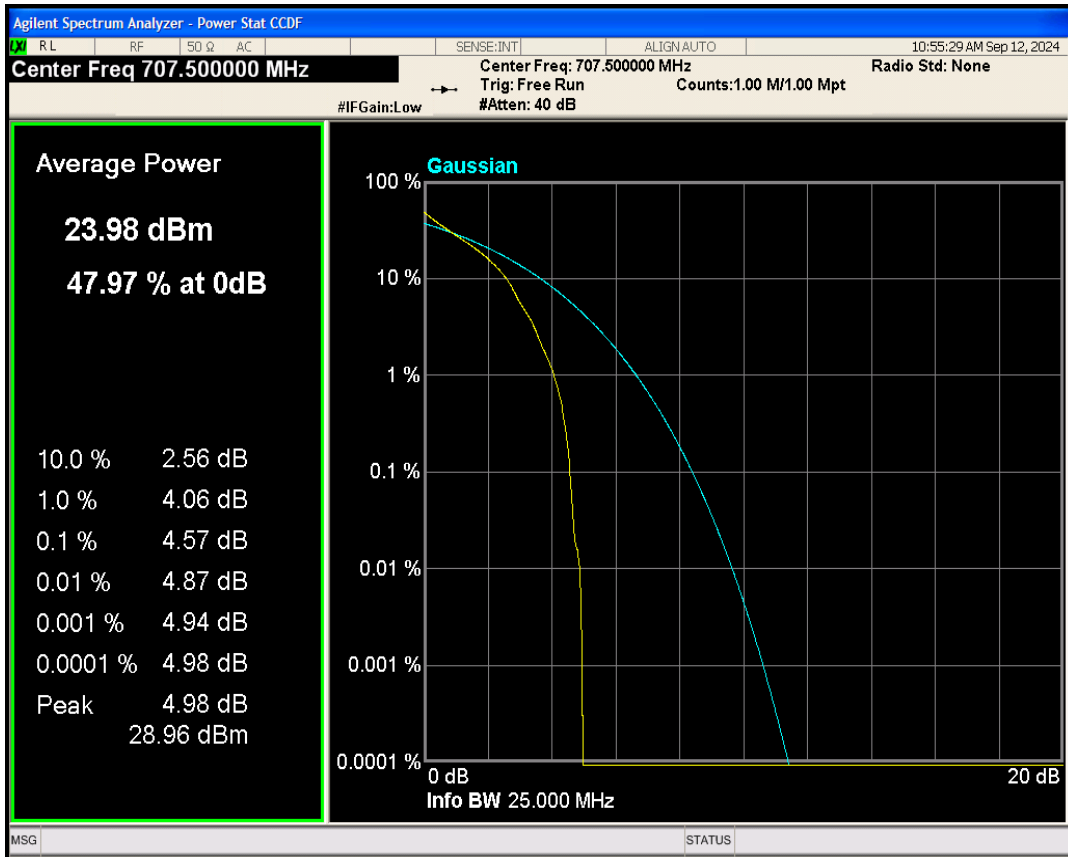
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



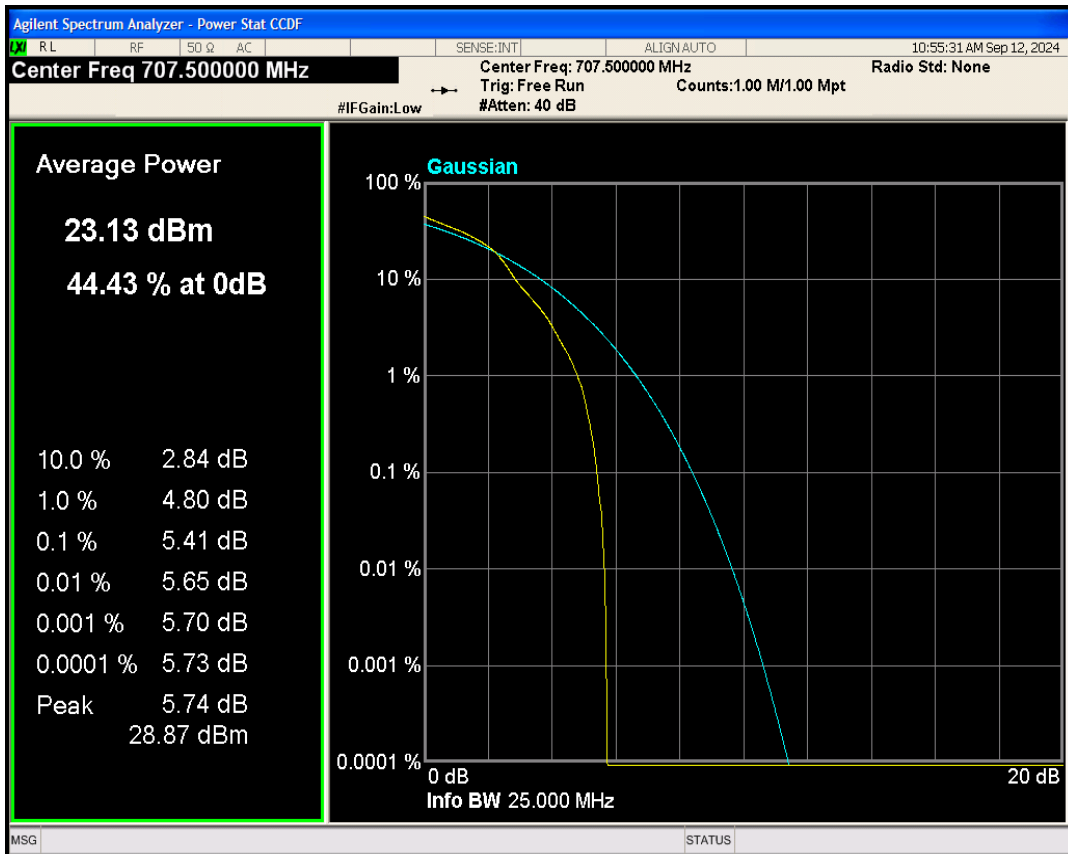
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



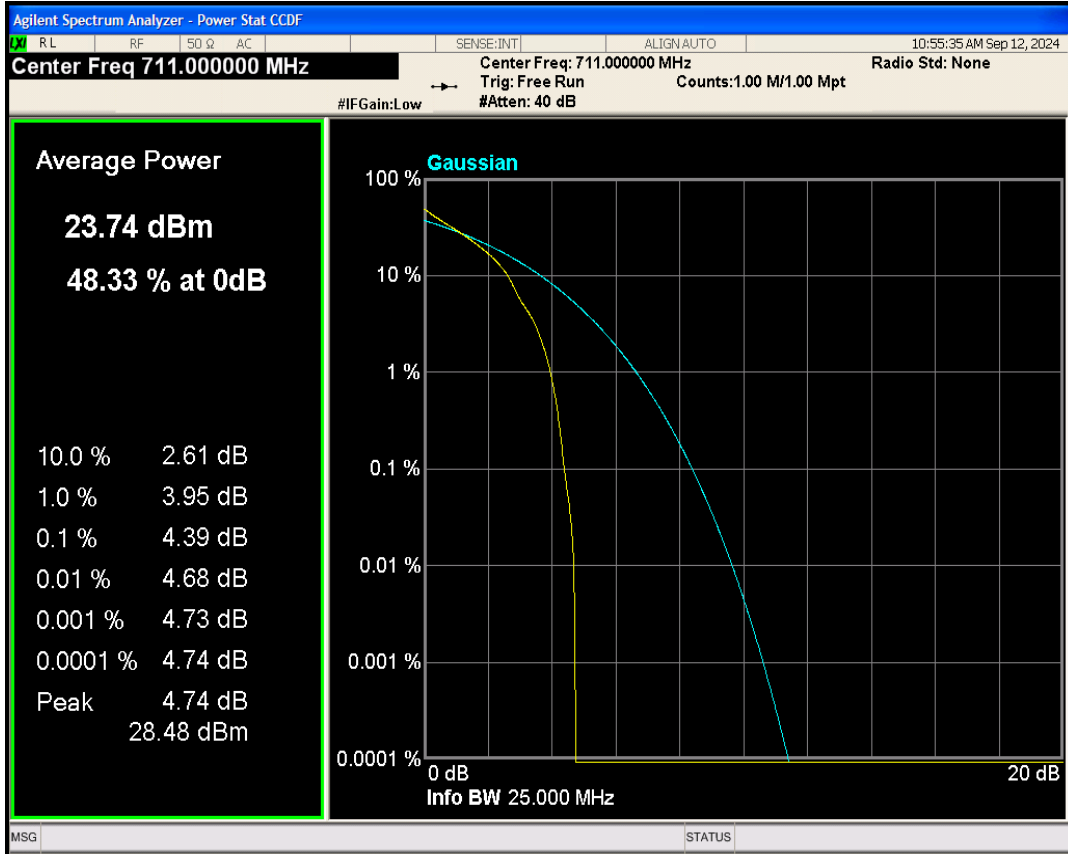
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



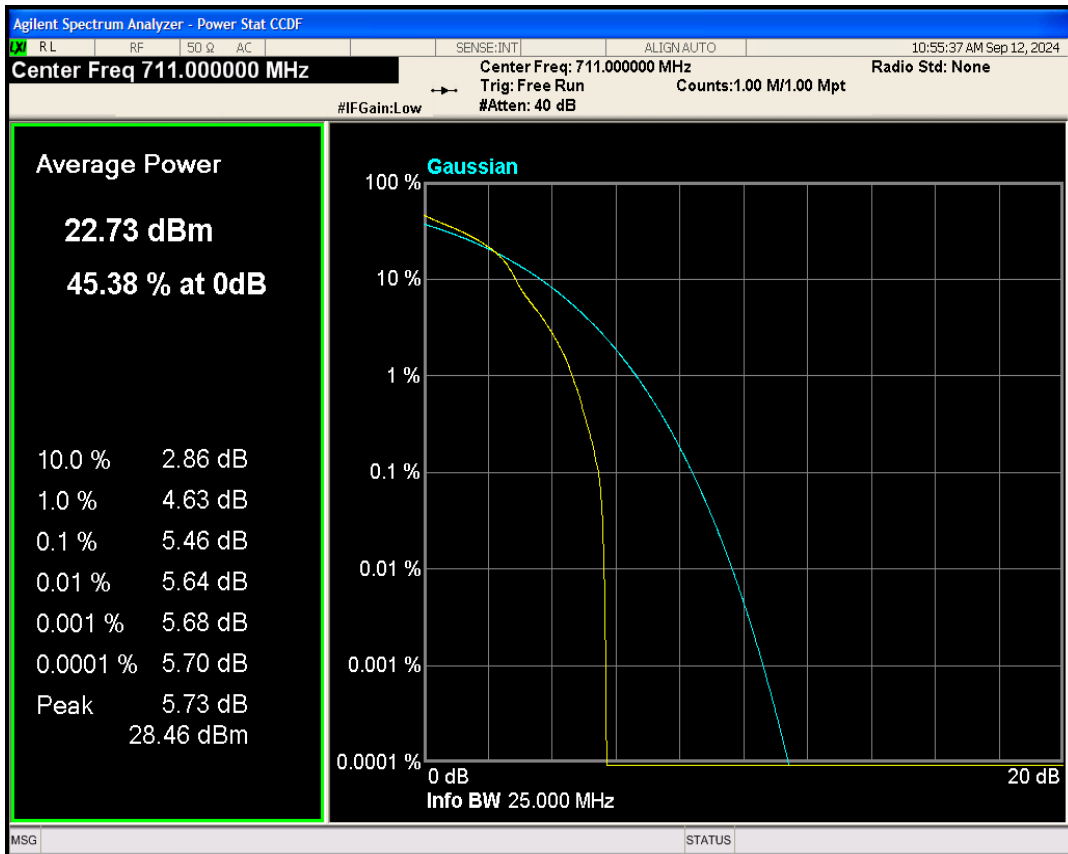
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



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



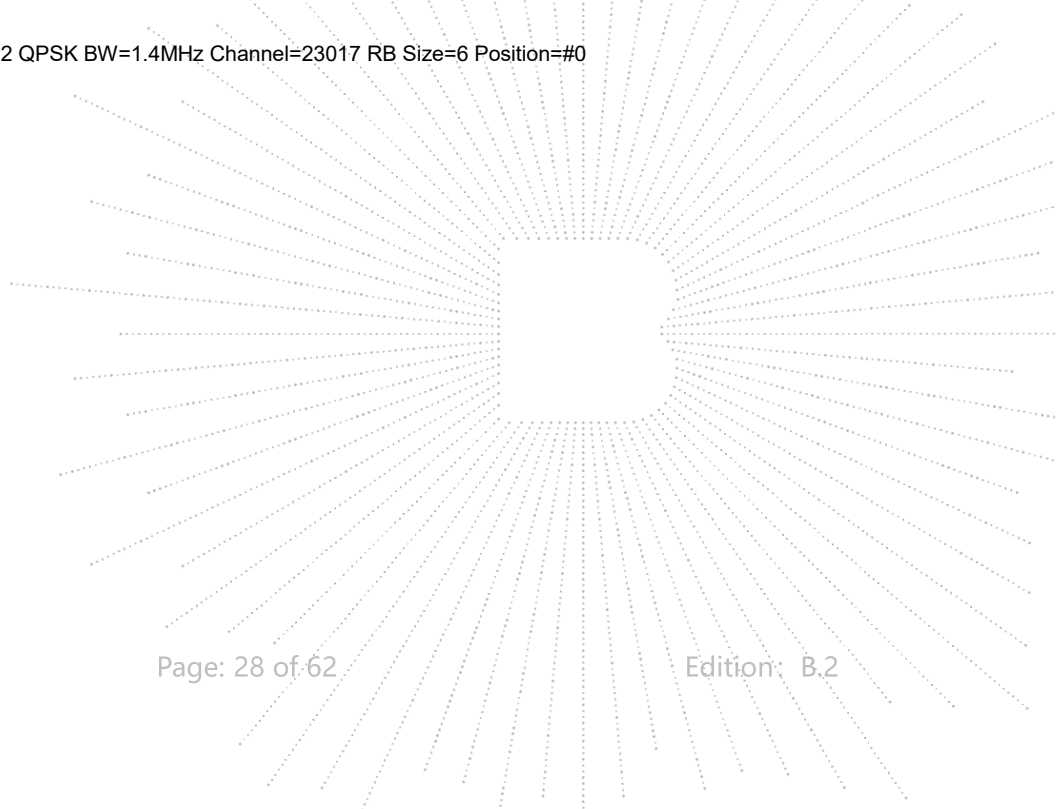
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0

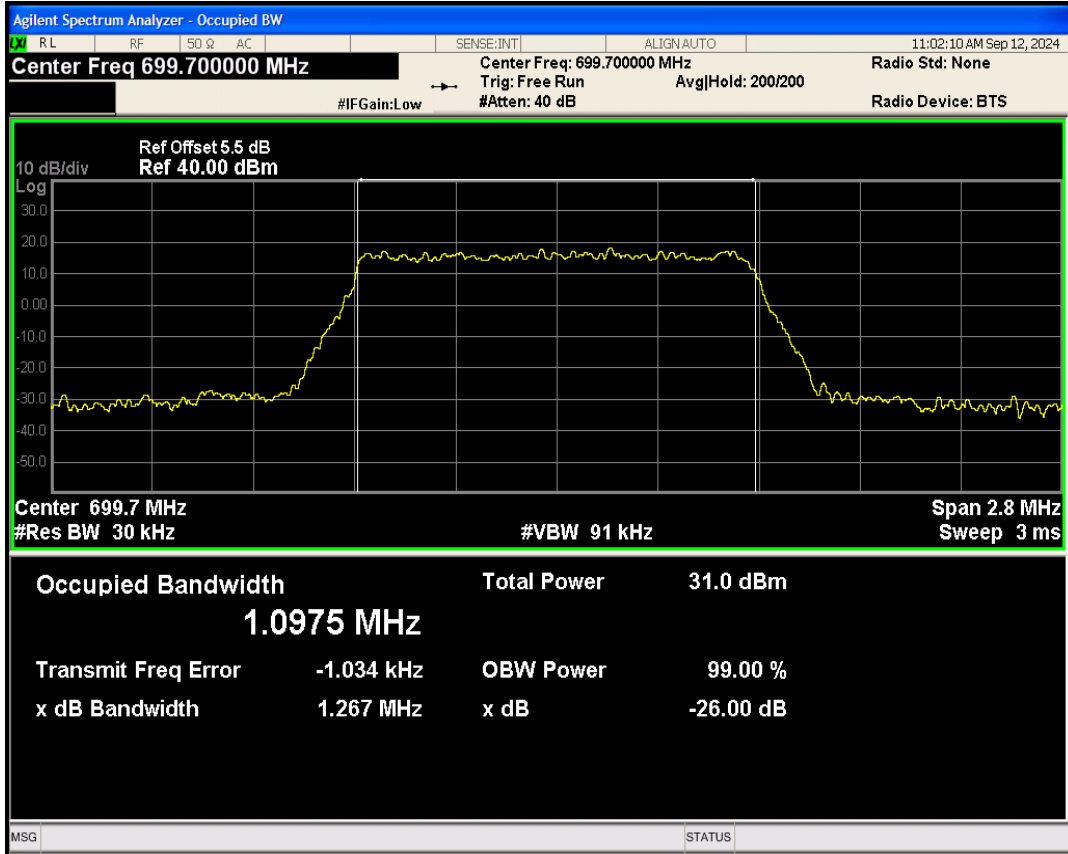


Appendix 4. Occupied bandwidth

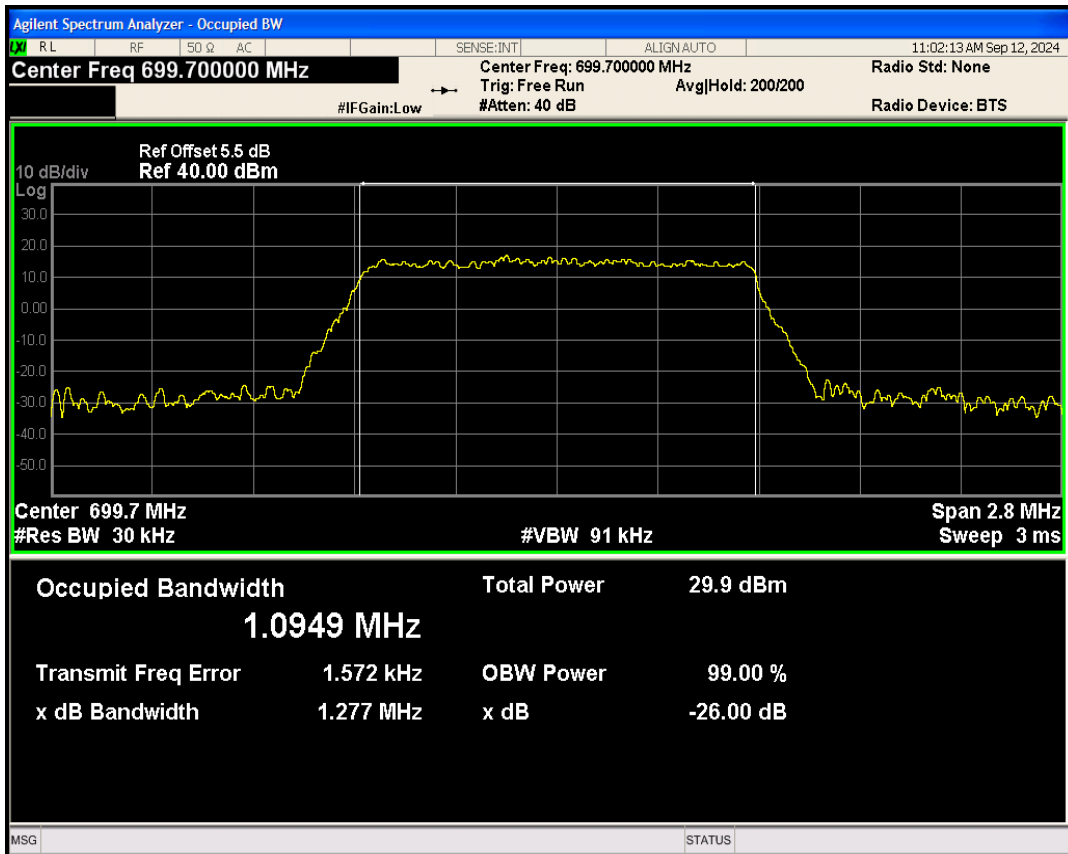
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.097	1.267	PASS
Band12	1.4	23017	6	#0	16QAM	1.095	1.277	PASS
Band12	1.4	23095	6	#0	QPSK	1.095	1.261	PASS
Band12	1.4	23095	6	#0	16QAM	1.098	1.294	PASS
Band12	1.4	23173	6	#0	QPSK	1.095	1.294	PASS
Band12	1.4	23173	6	#0	16QAM	1.095	1.250	PASS
Band12	3	23025	15	#0	QPSK	2.689	2.970	PASS
Band12	3	23025	15	#0	16QAM	2.681	2.962	PASS
Band12	3	23095	15	#0	QPSK	2.684	2.934	PASS
Band12	3	23095	15	#0	16QAM	2.683	2.976	PASS
Band12	3	23165	15	#0	QPSK	2.690	2.965	PASS
Band12	3	23165	15	#0	16QAM	2.685	2.995	PASS
Band12	5	23035	25	#0	QPSK	4.514	4.912	PASS
Band12	5	23035	25	#0	16QAM	4.502	4.880	PASS
Band12	5	23095	25	#0	QPSK	4.514	4.895	PASS
Band12	5	23095	25	#0	16QAM	4.510	4.875	PASS
Band12	5	23155	25	#0	QPSK	4.505	4.863	PASS
Band12	5	23155	25	#0	16QAM	4.513	4.935	PASS
Band12	10	23060	50	#0	QPSK	8.975	9.707	PASS
Band12	10	23060	50	#0	16QAM	9.006	9.645	PASS
Band12	10	23095	50	#0	QPSK	8.962	9.665	PASS
Band12	10	23095	50	#0	16QAM	8.933	9.615	PASS
Band12	10	23130	50	#0	QPSK	8.962	9.787	PASS
Band12	10	23130	50	#0	16QAM	8.985	9.635	PASS

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0

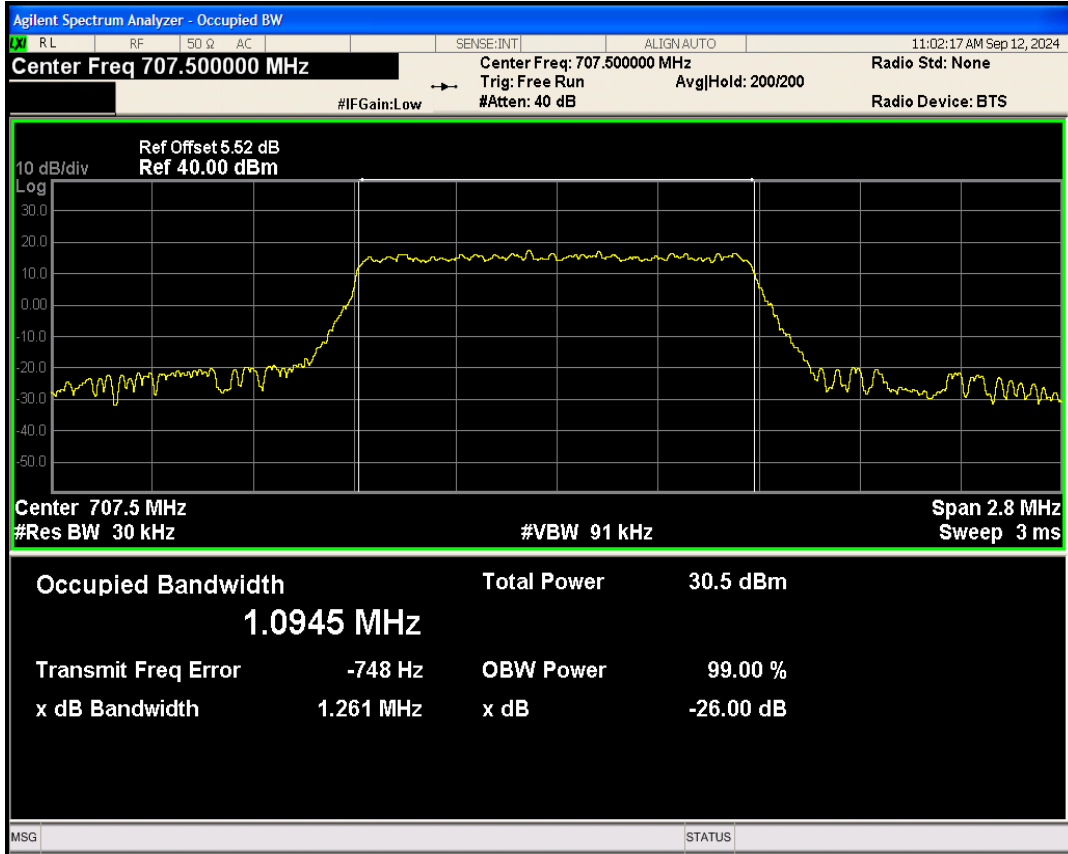




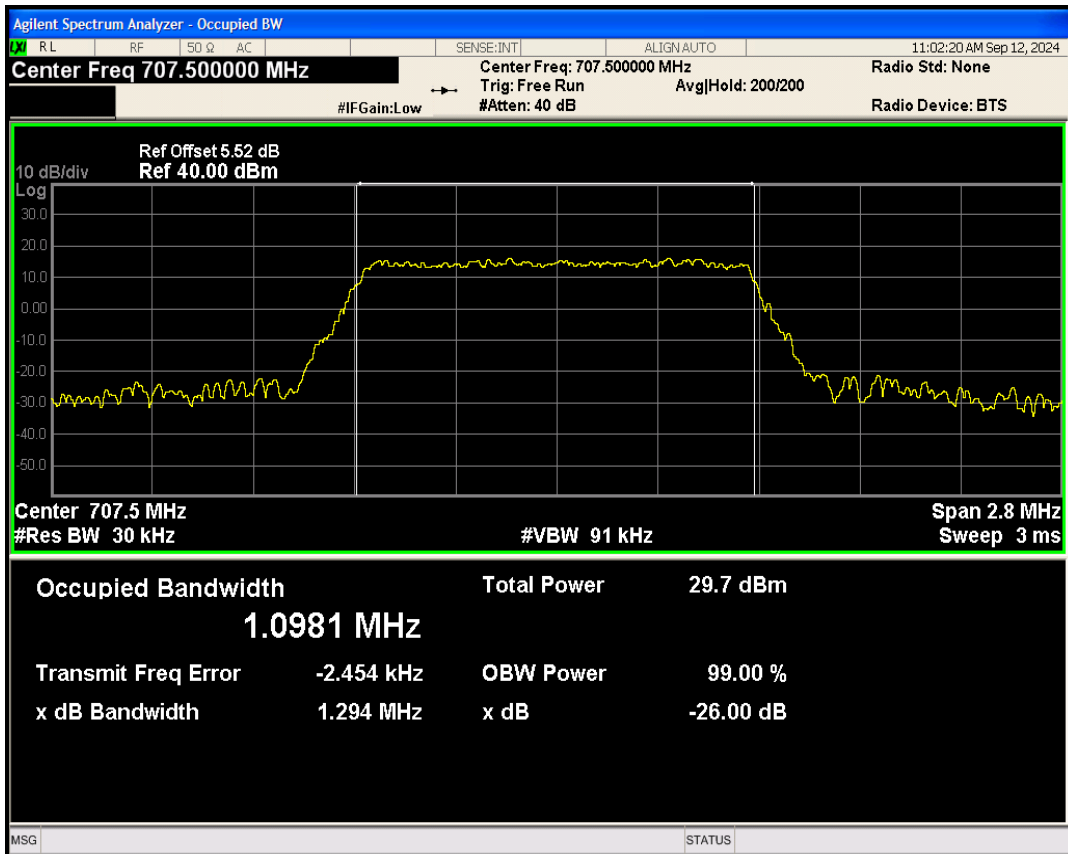
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



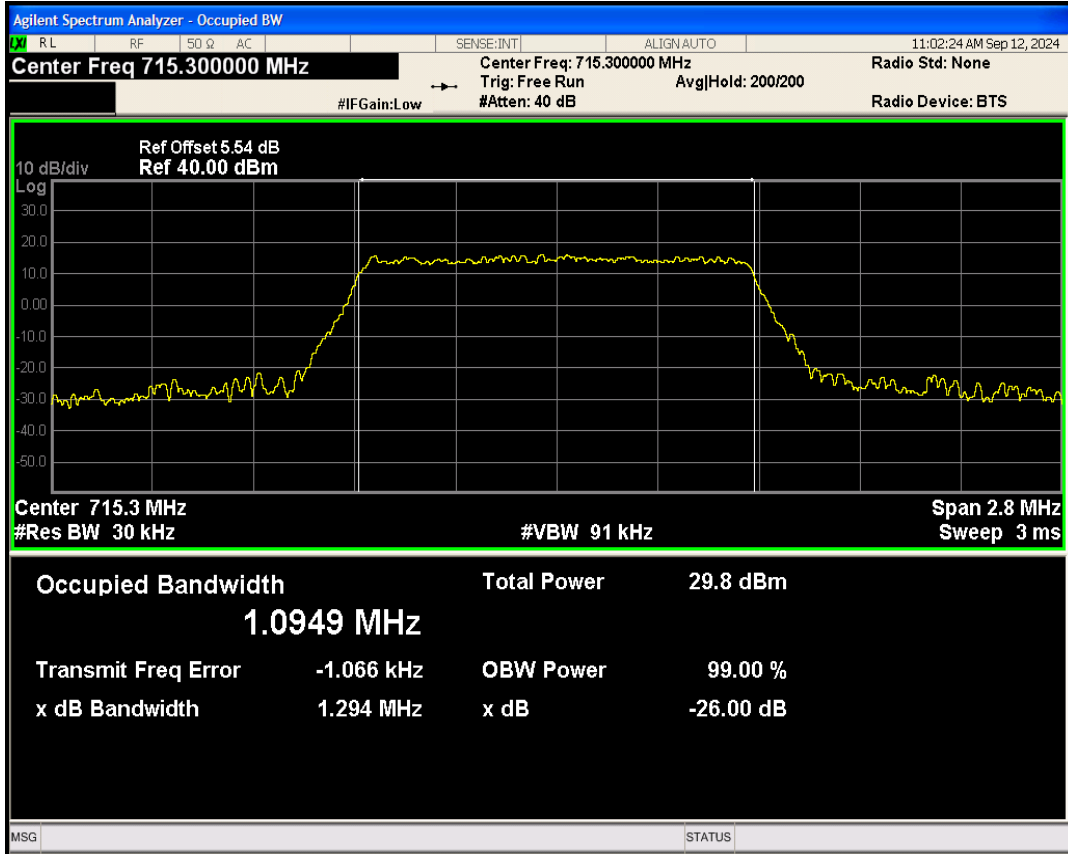
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



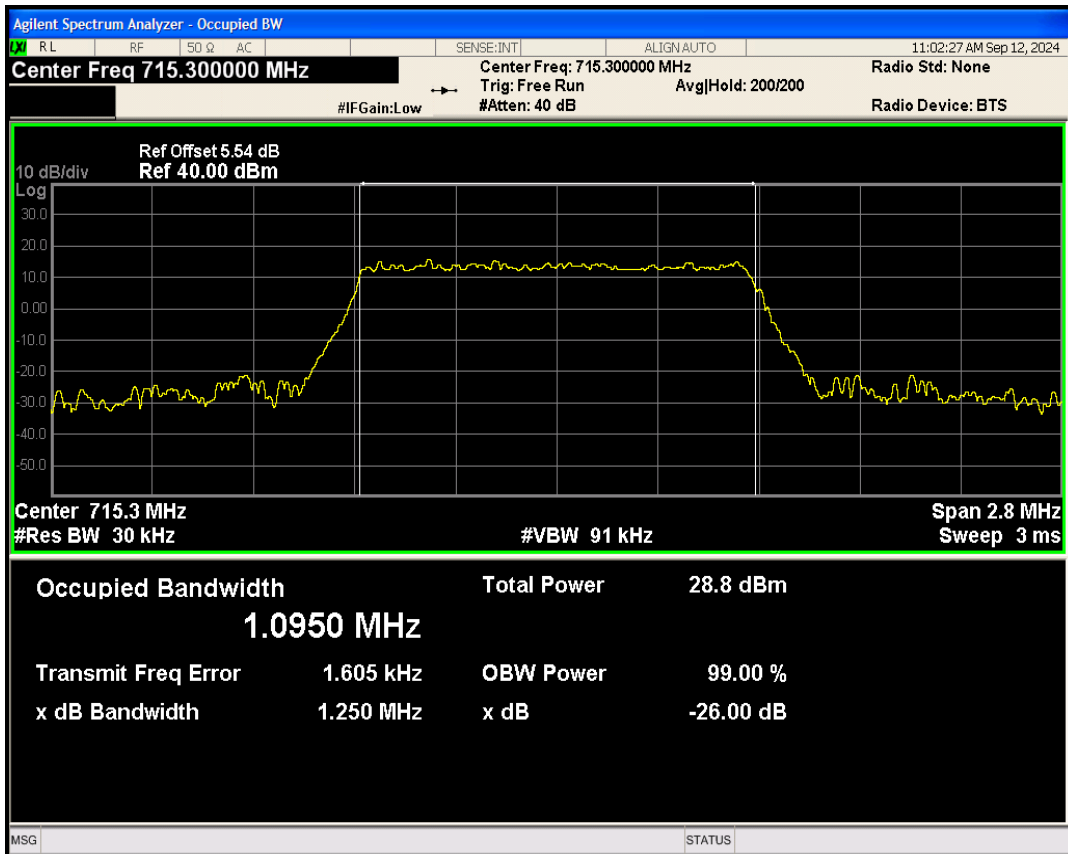
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



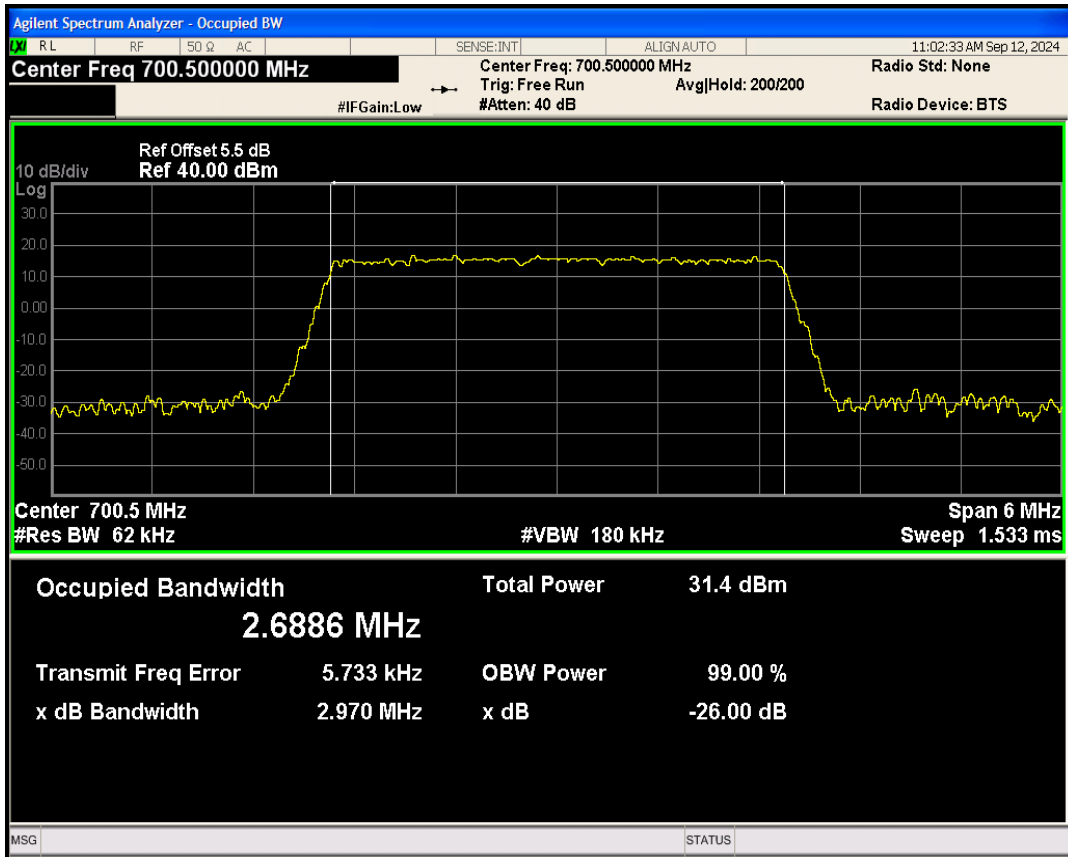
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



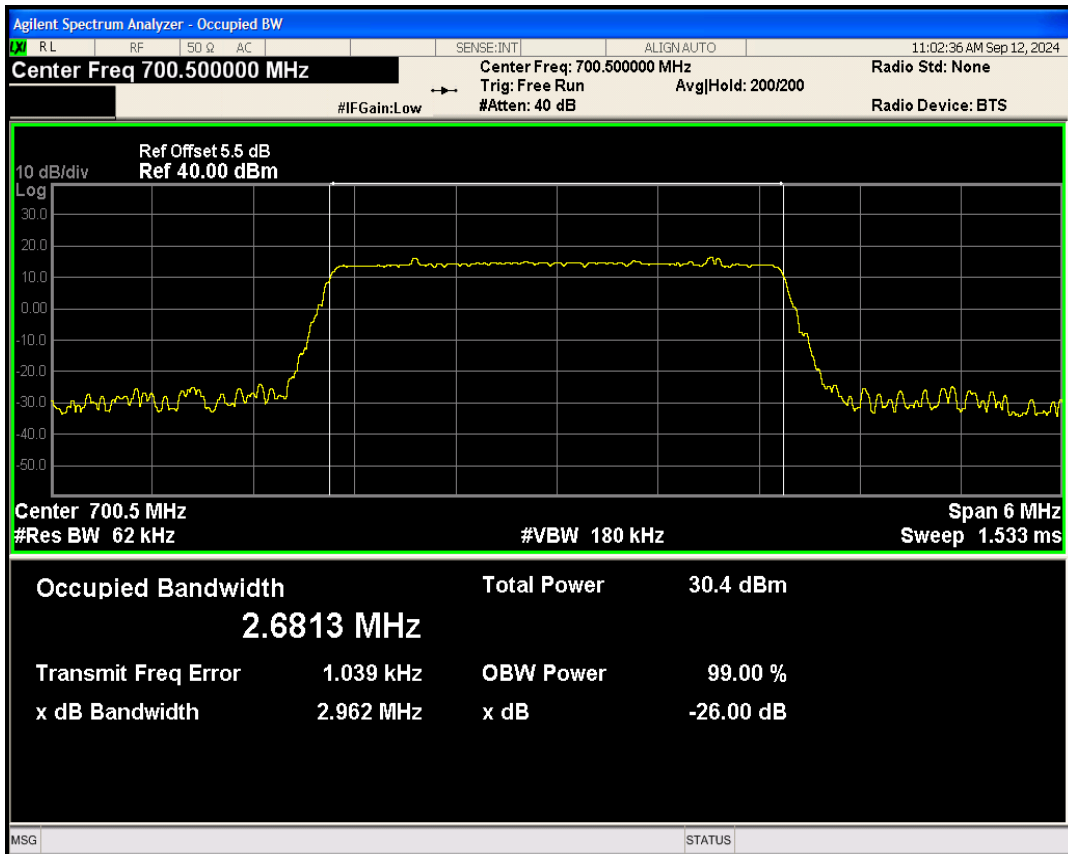
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



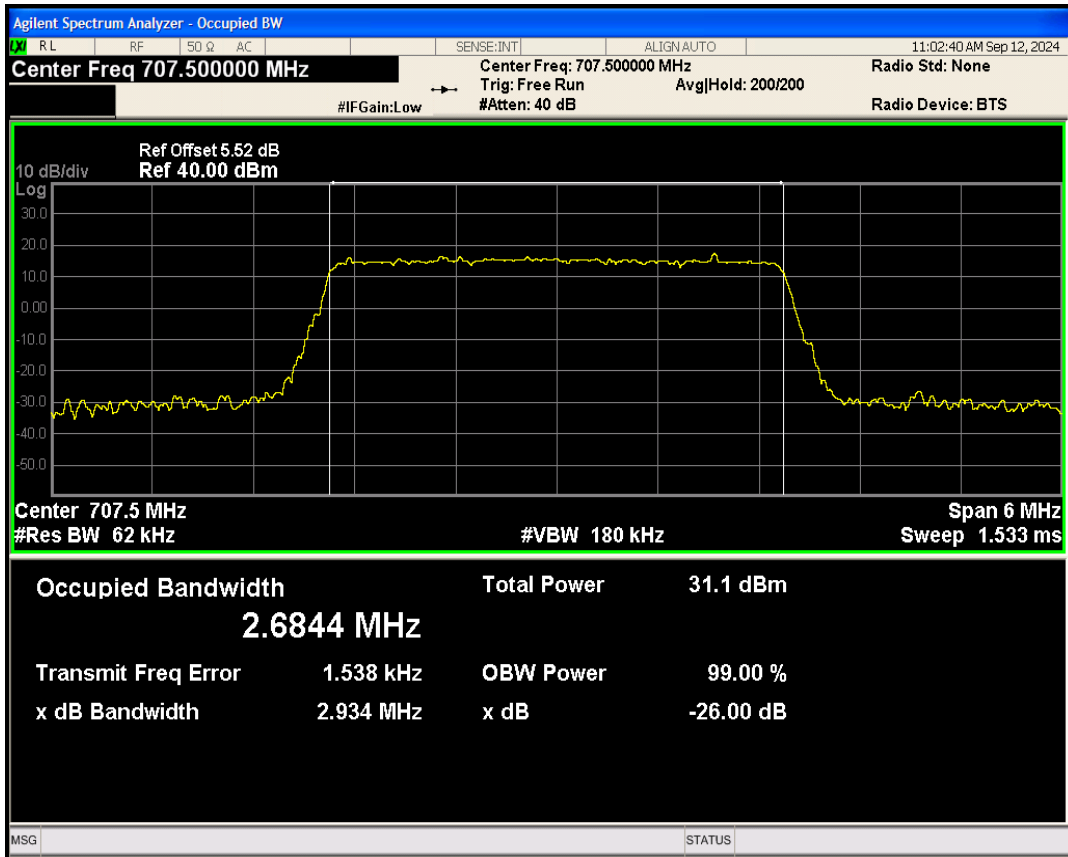
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



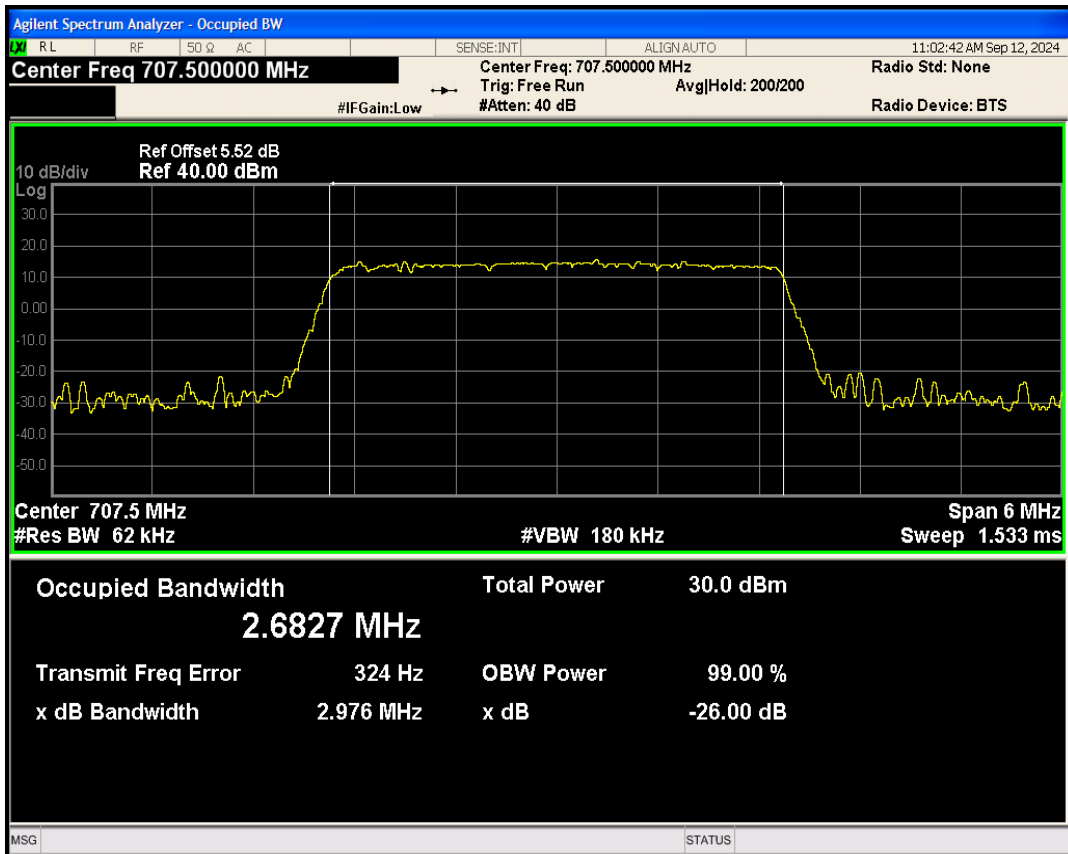
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



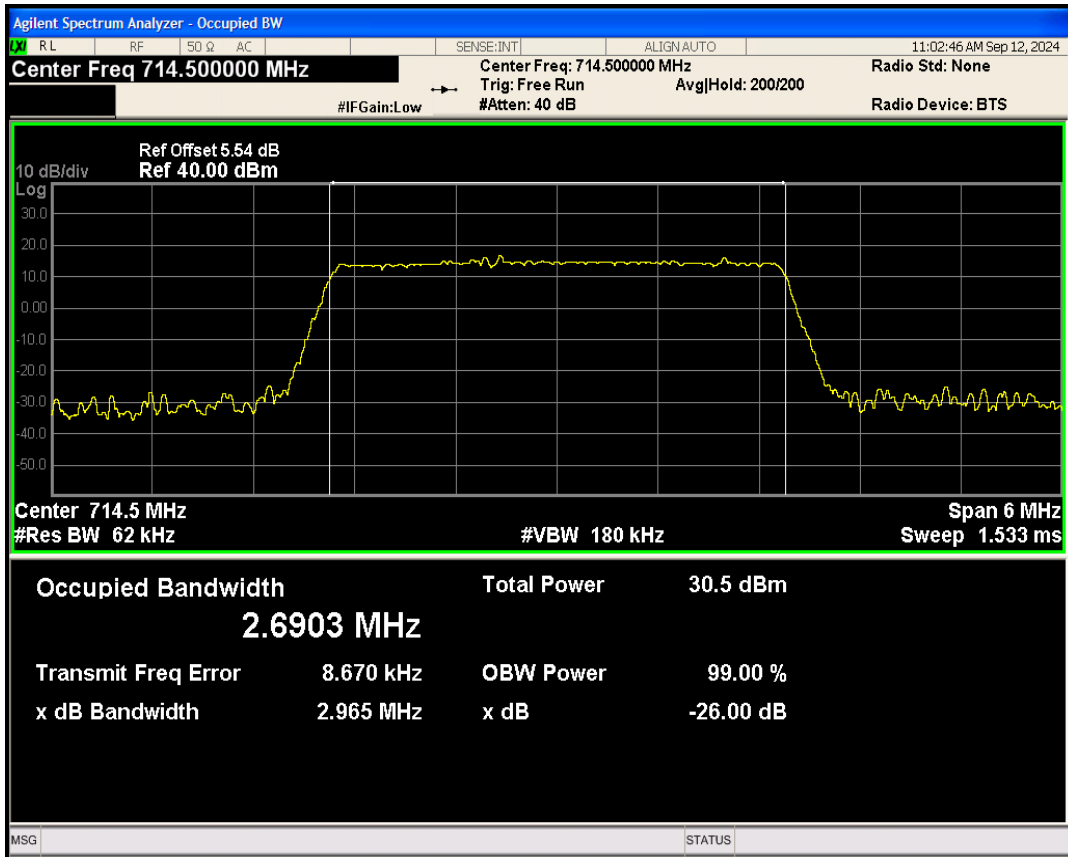
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



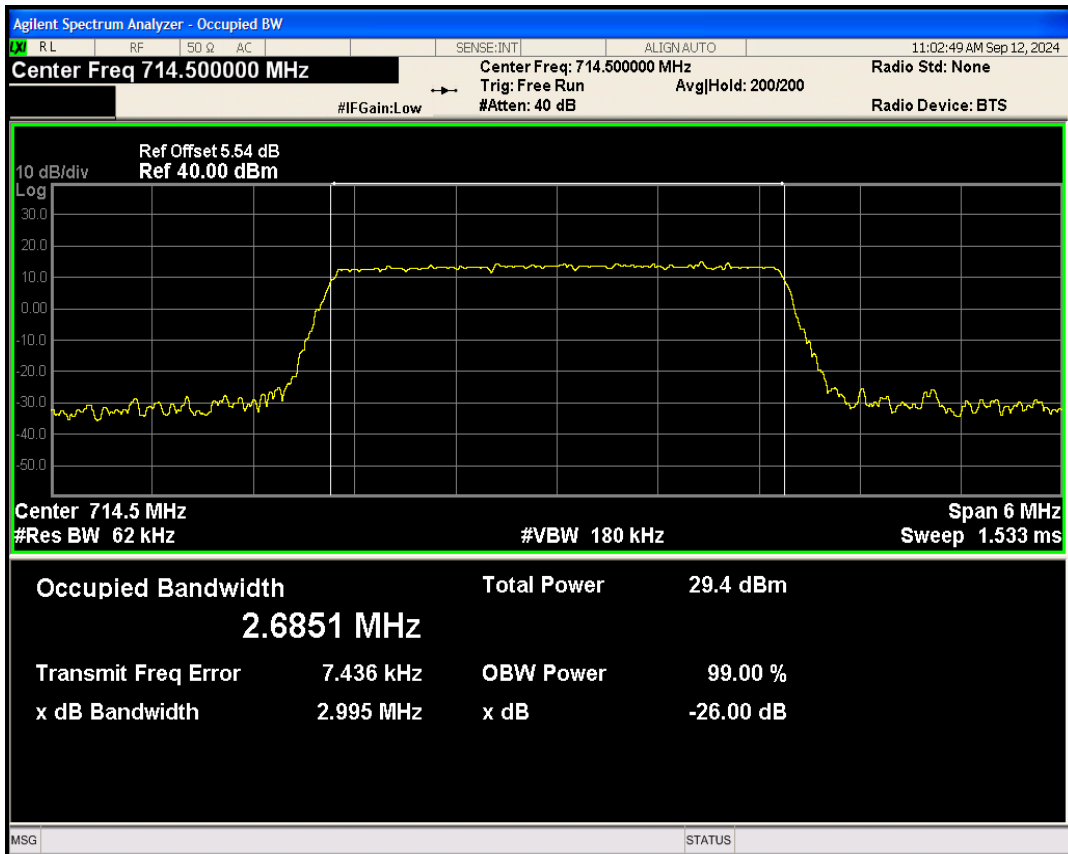
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



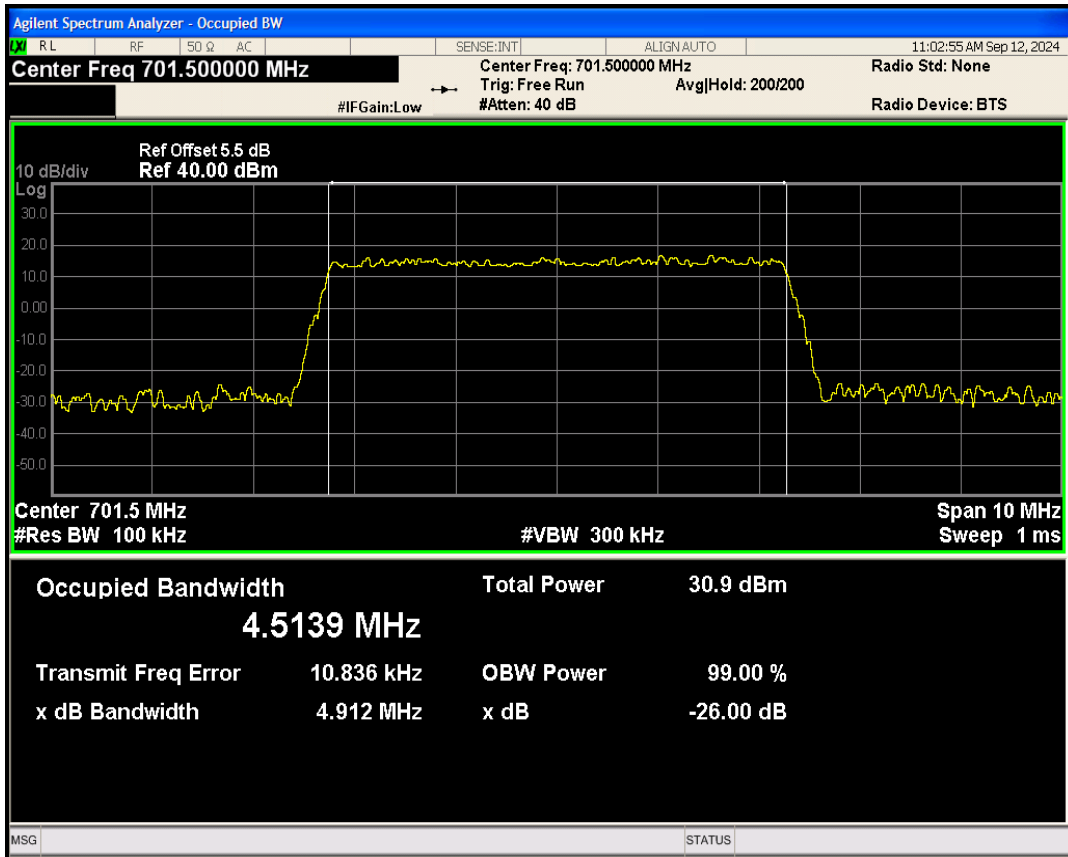
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



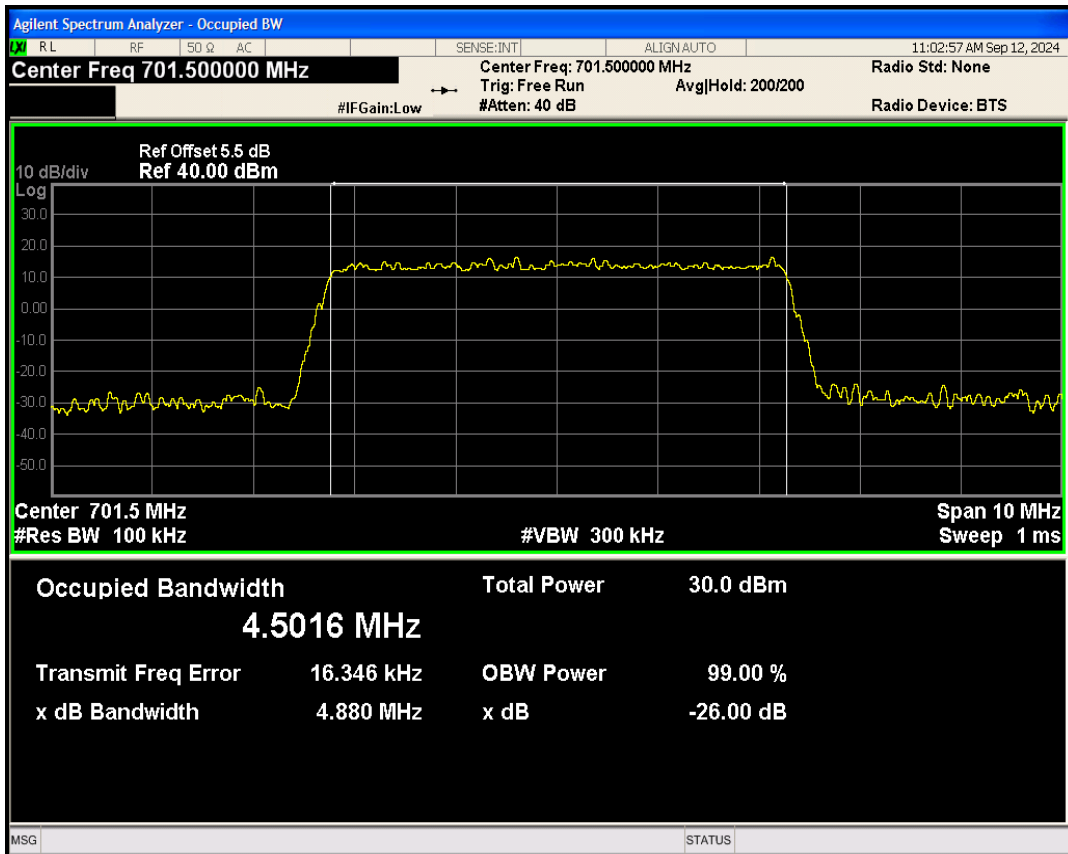
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



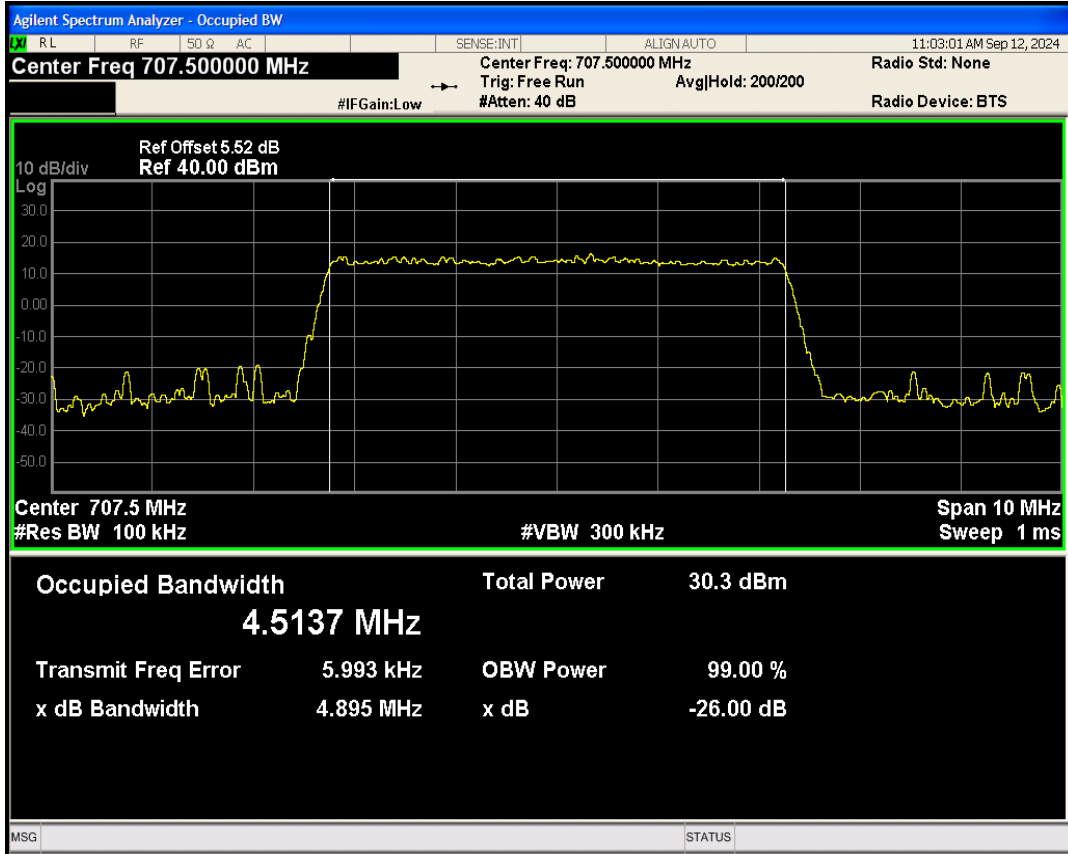
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



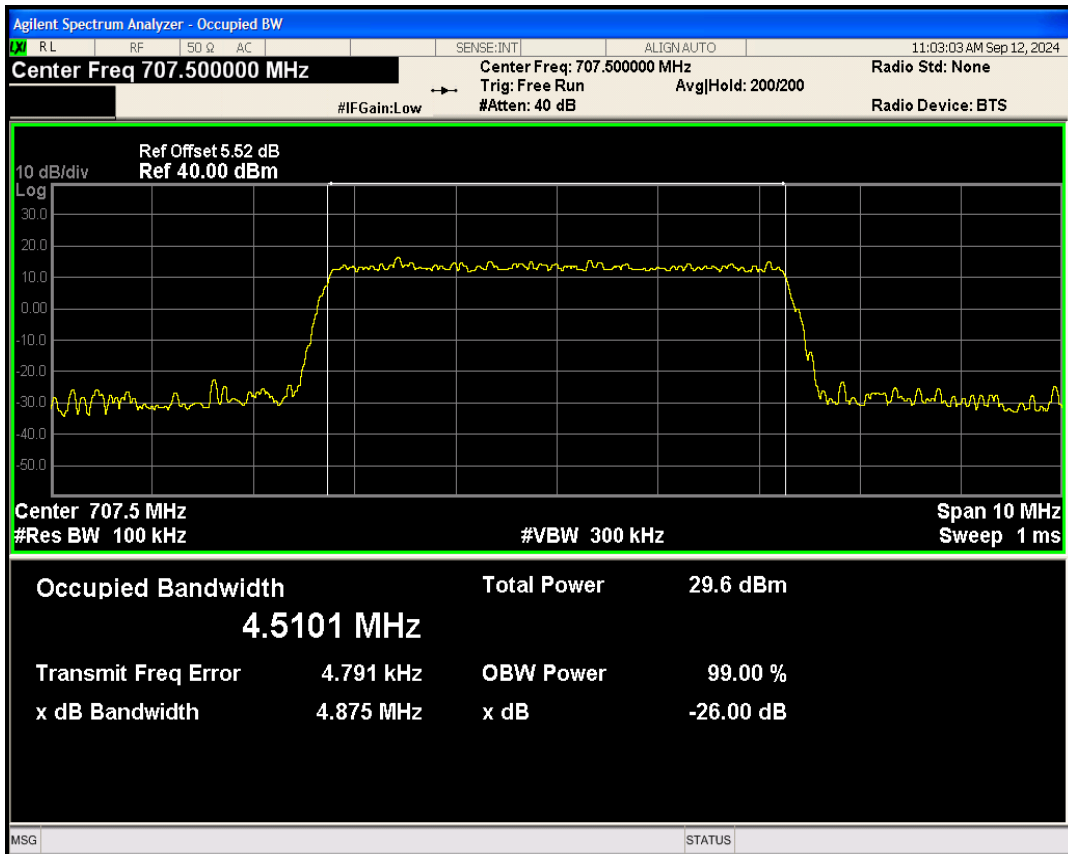
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



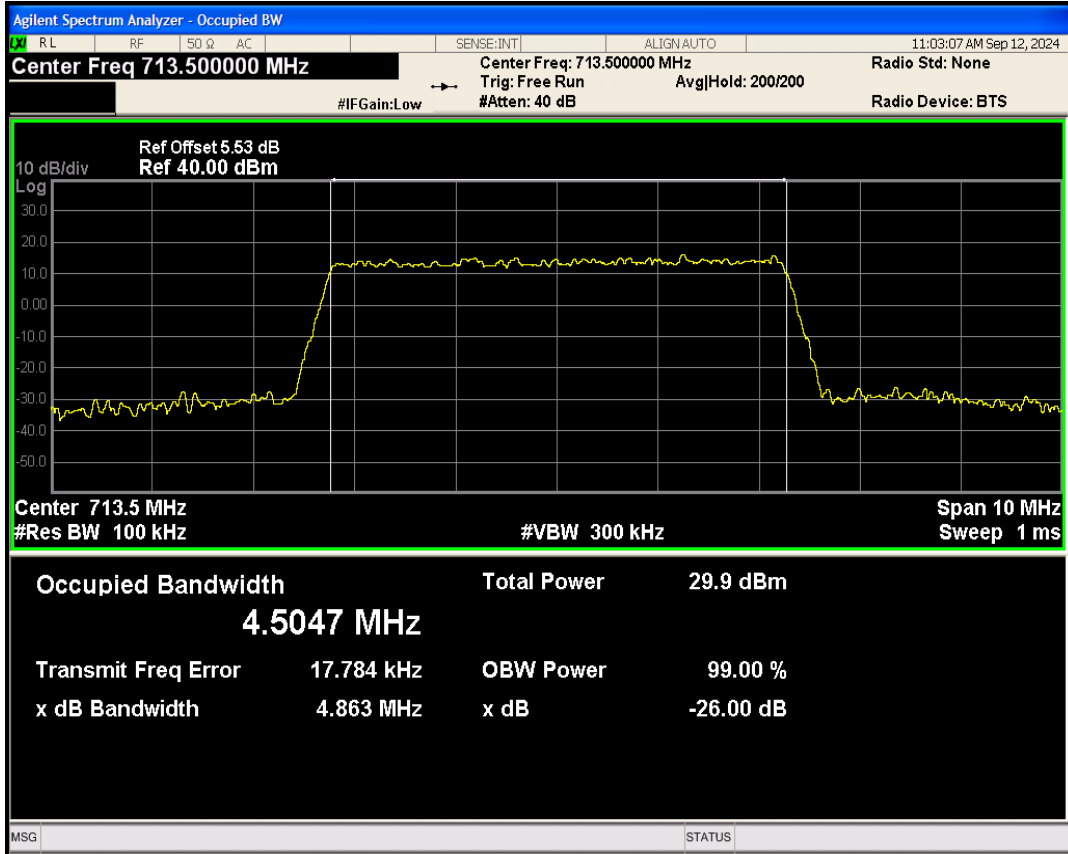
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



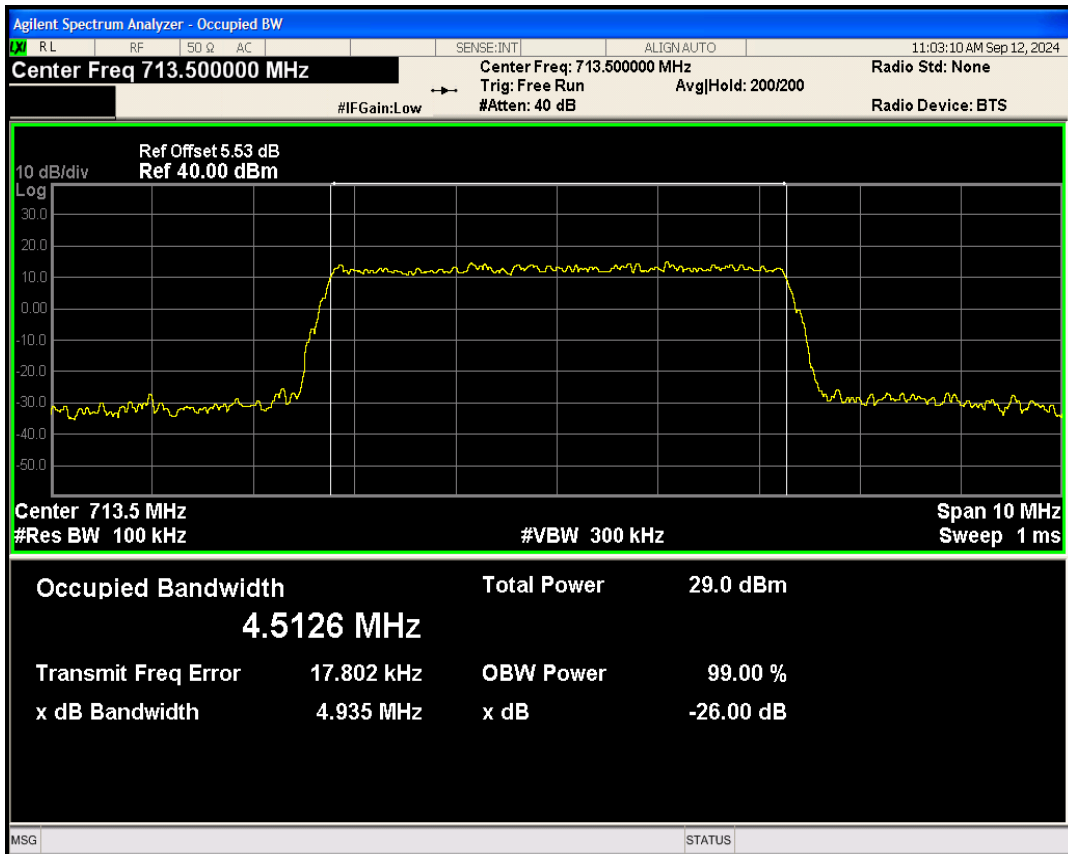
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



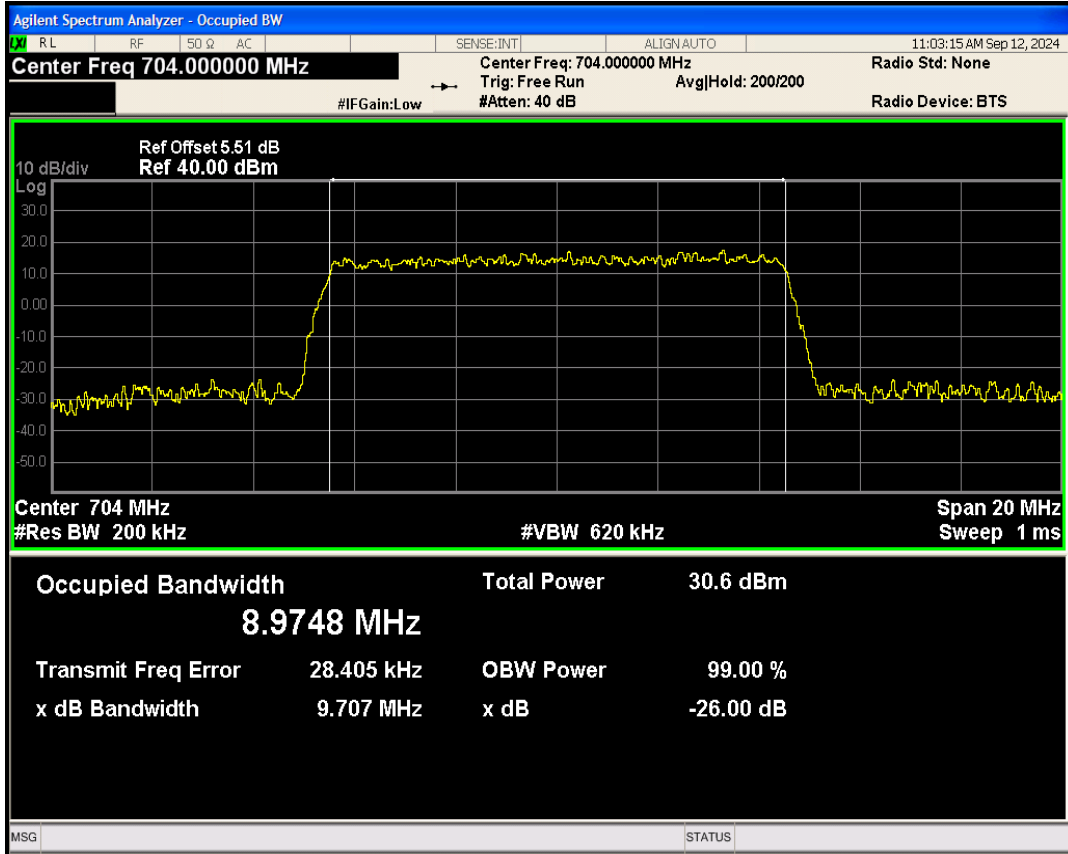
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



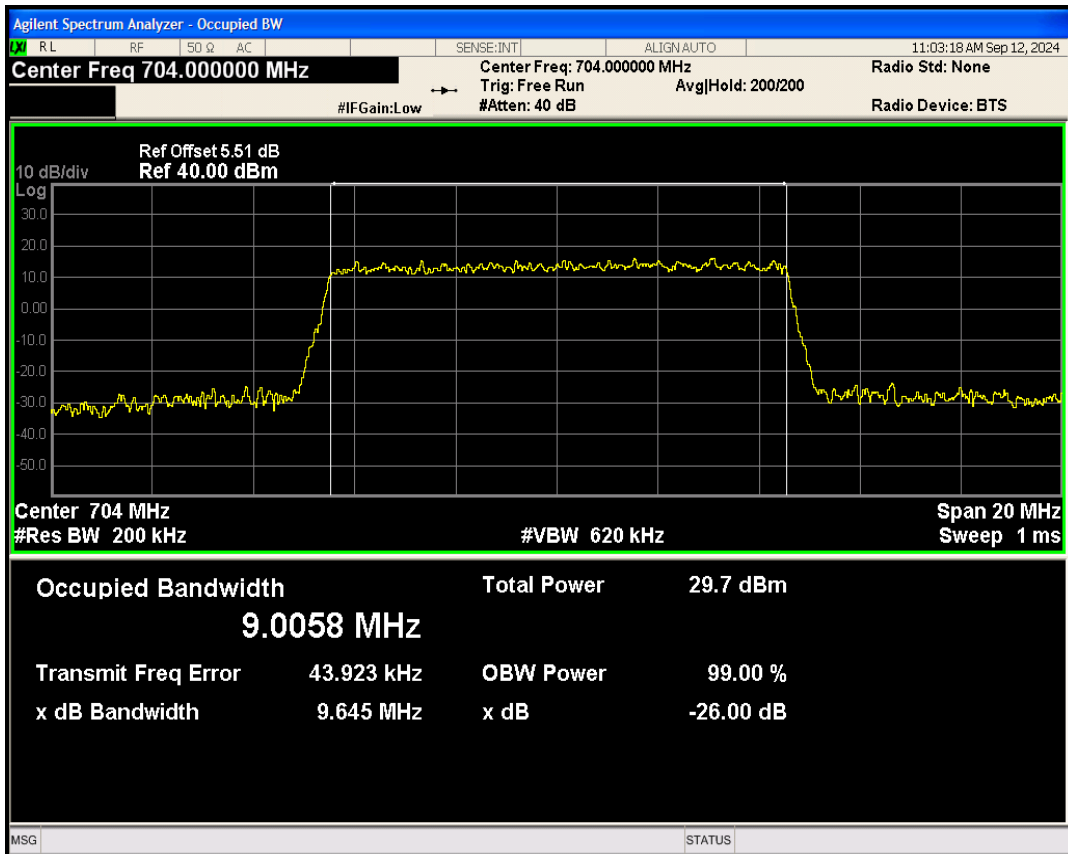
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



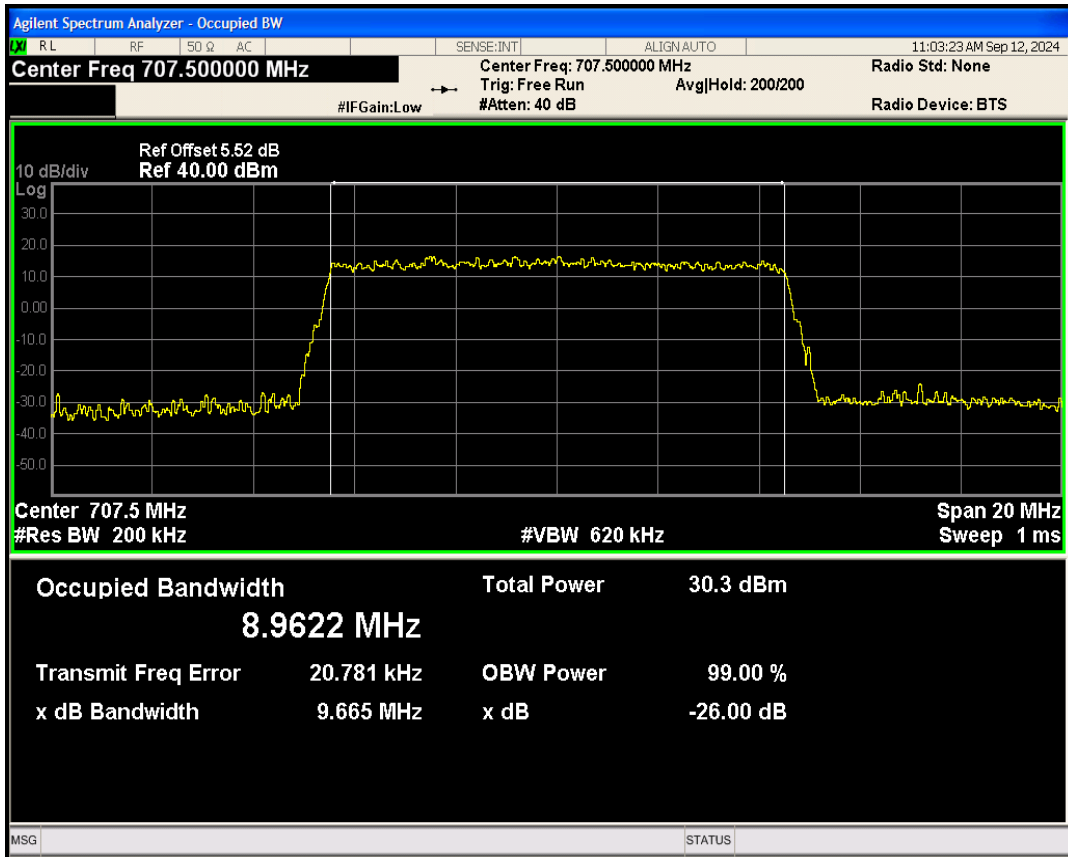
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



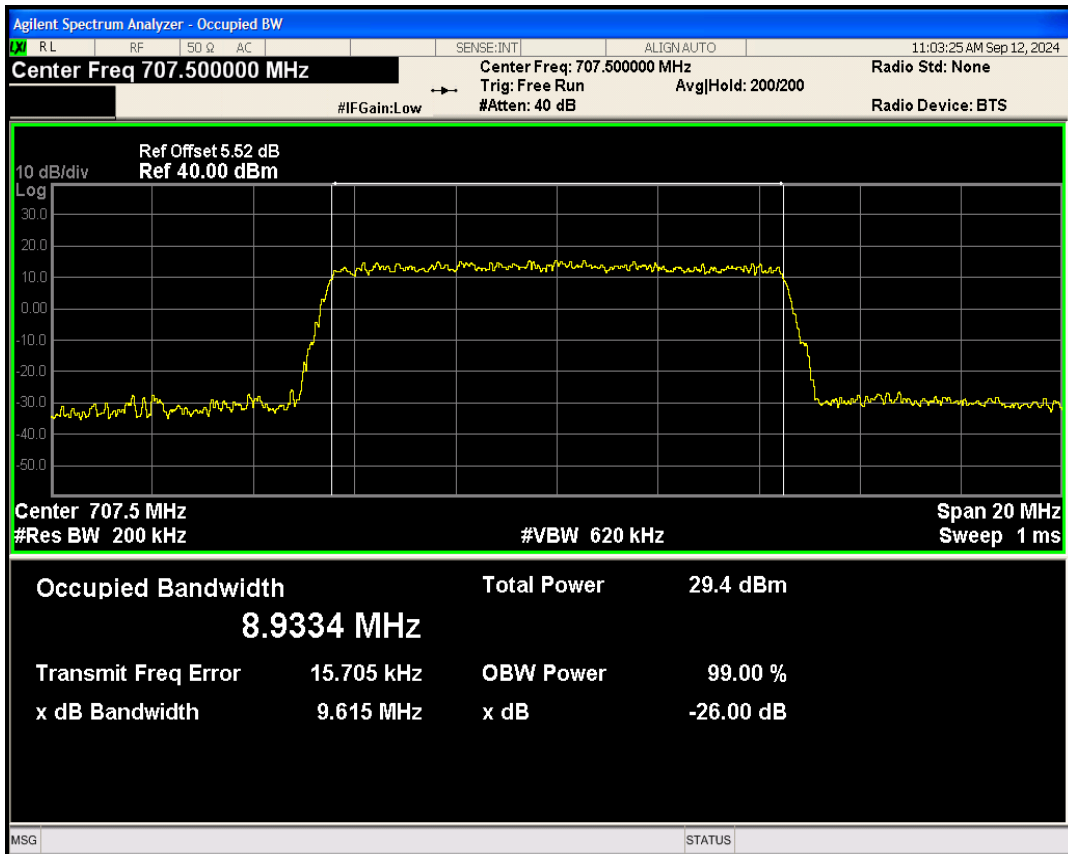
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



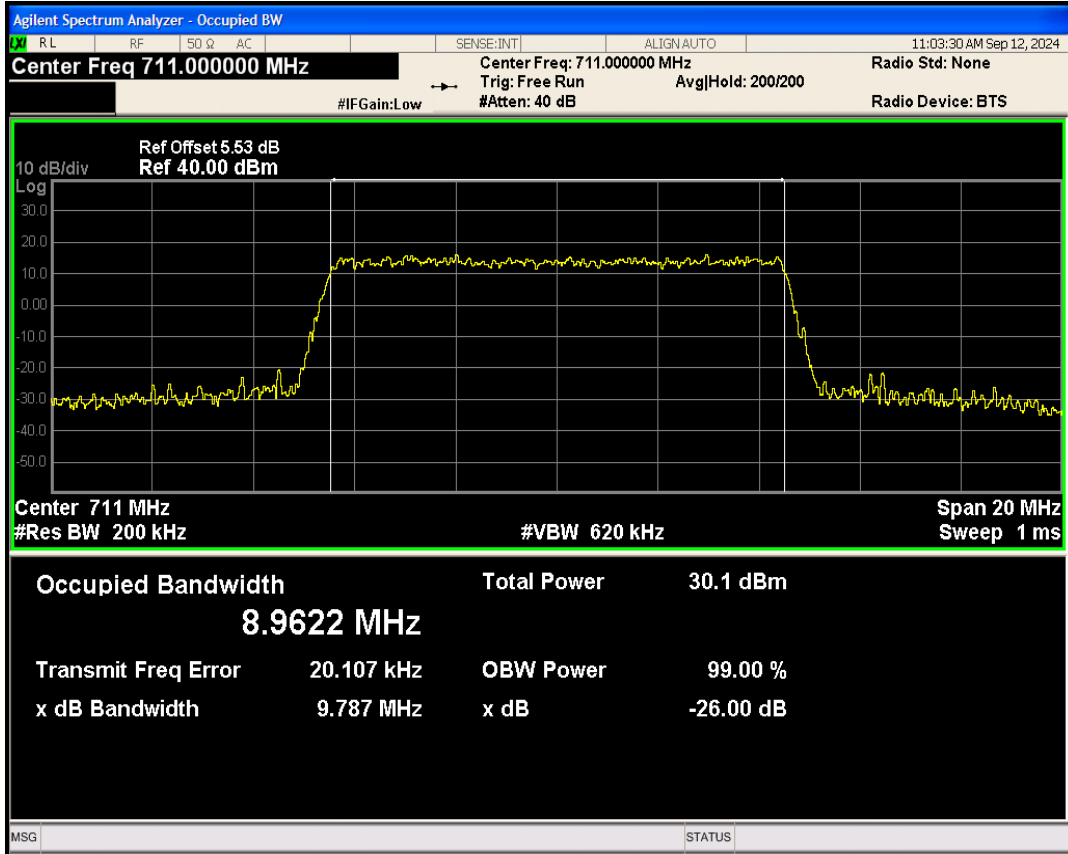
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



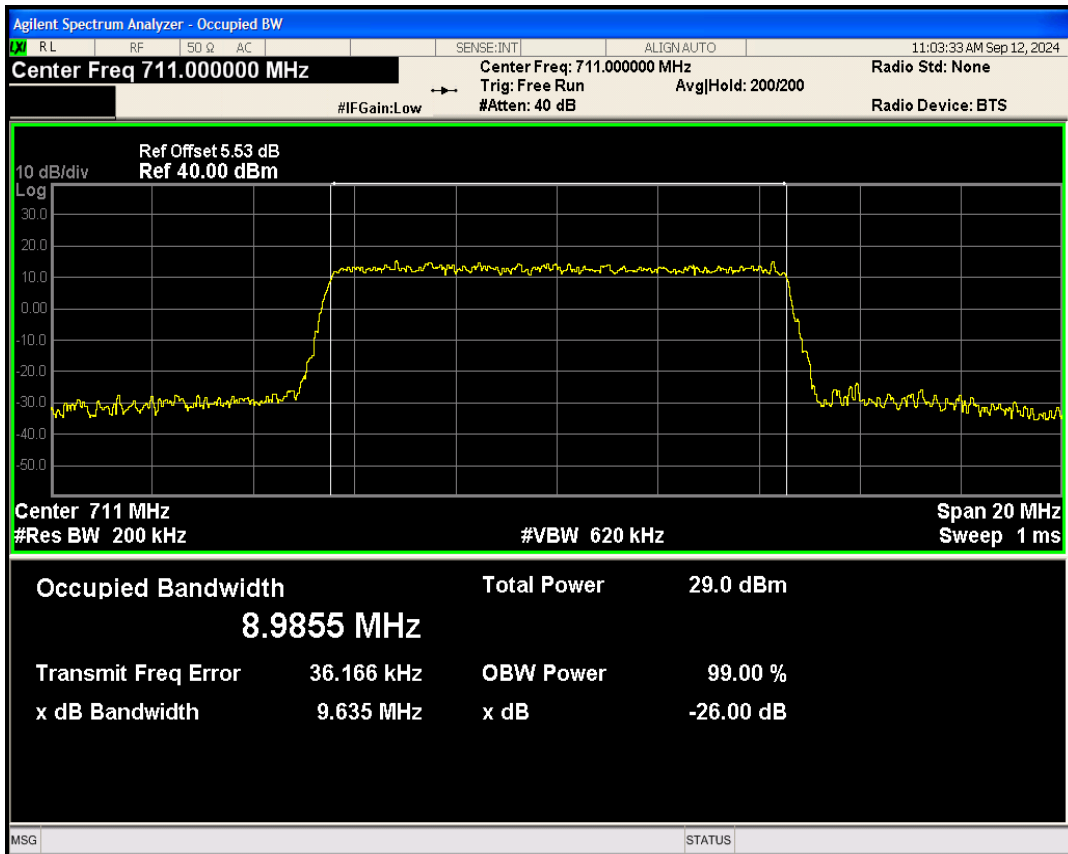
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



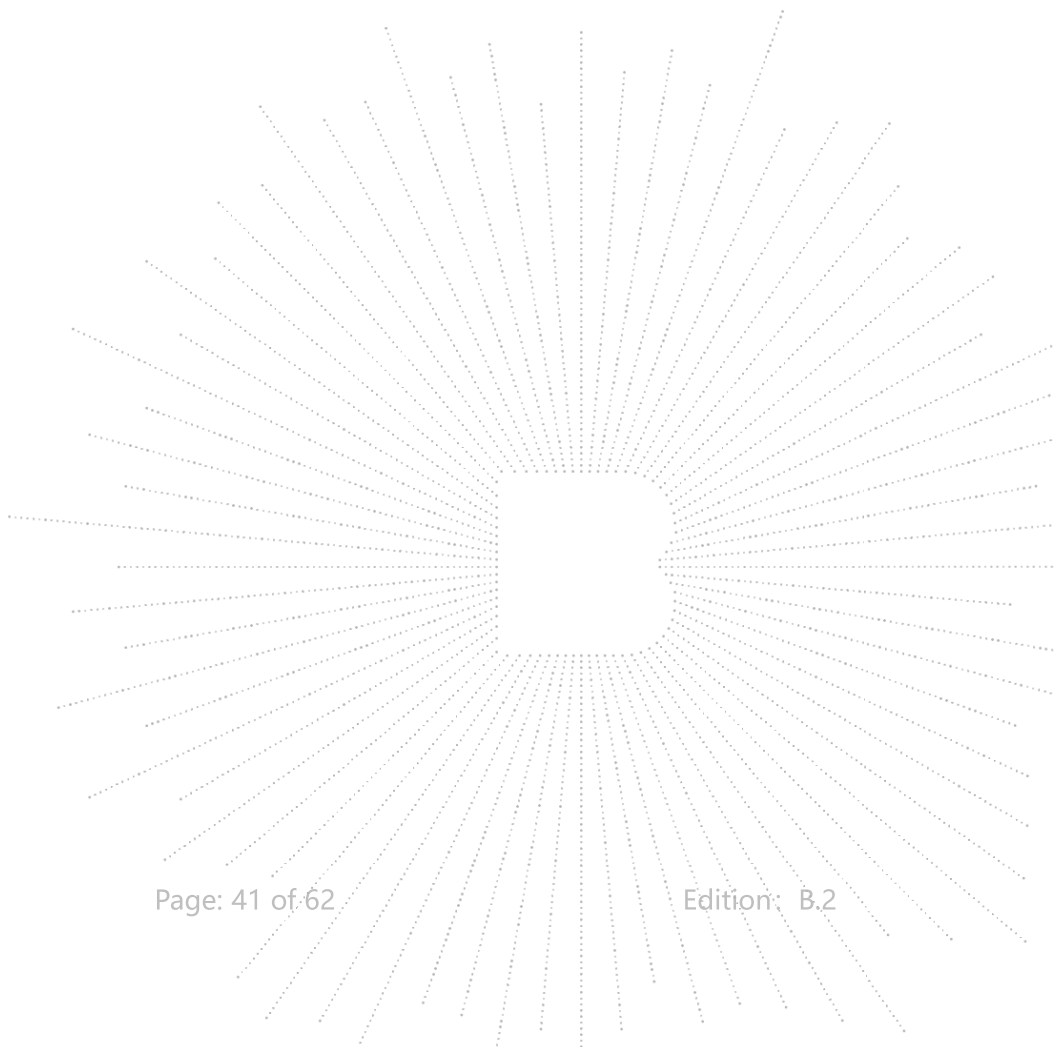
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

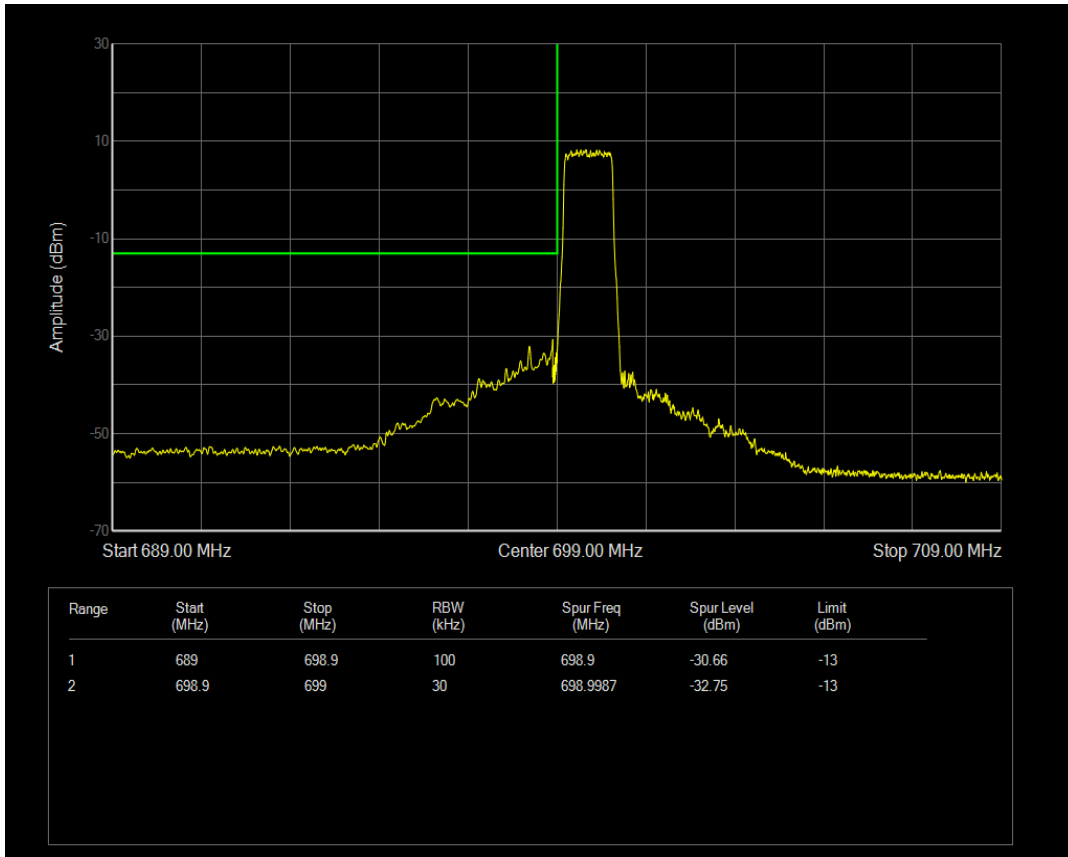


Appendix 5. Band edge

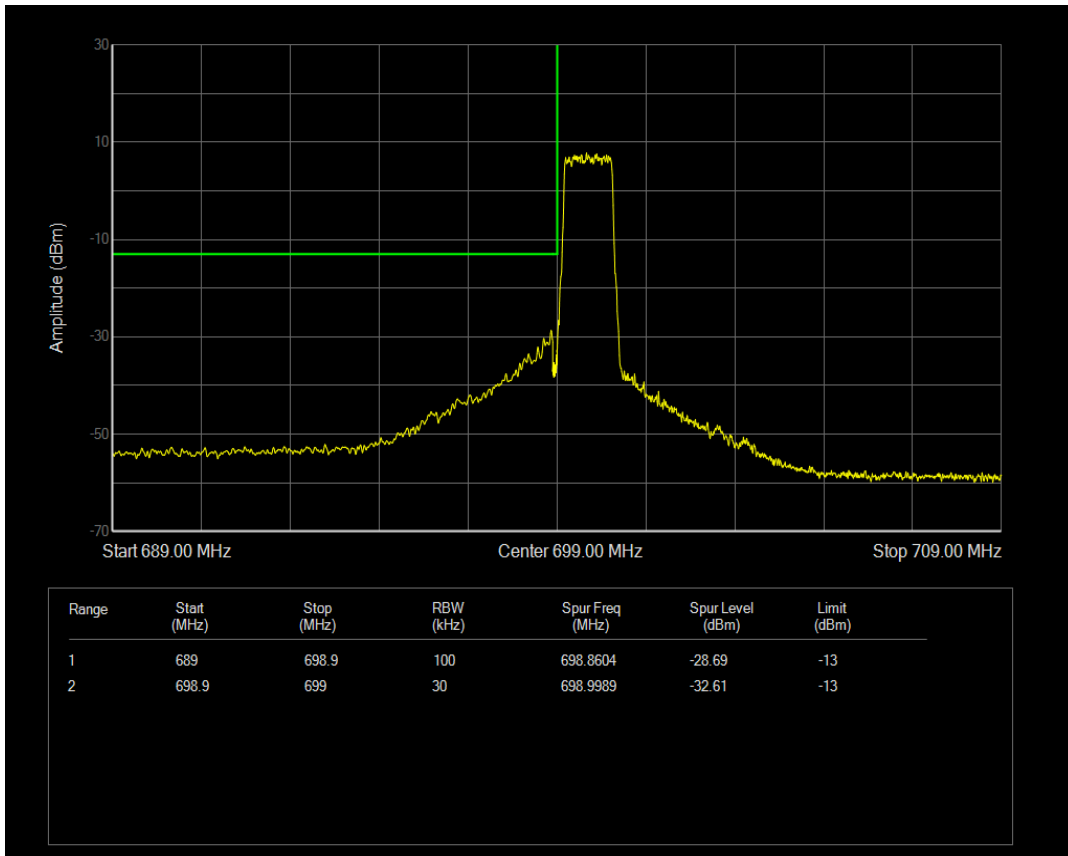
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.90	-30.66	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.86	-28.69	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.35	-29.90	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.55	-32.45	-13	PASS
Band12	3	23025	15	#0	QPSK	698.99	-28.27	-13	PASS
Band12	3	23025	15	#0	16QAM	699.00	-30.14	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-30.05	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-29.98	-13	PASS
Band12	5	23035	25	#0	QPSK	698.54	-37.14	-13	PASS
Band12	5	23035	25	#0	16QAM	698.47	-37.47	-13	PASS
Band12	5	23155	25	#0	QPSK	717.37	-35.58	-13	PASS
Band12	5	23155	25	#0	16QAM	716.11	-37.19	-13	PASS
Band12	10	23060	50	#0	QPSK	698.86	-39.12	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-40.44	-13	PASS
Band12	10	23130	50	#0	QPSK	716.11	-39.58	-13	PASS
Band12	10	23130	50	#0	16QAM	716.30	-40.06	-13	PASS

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0

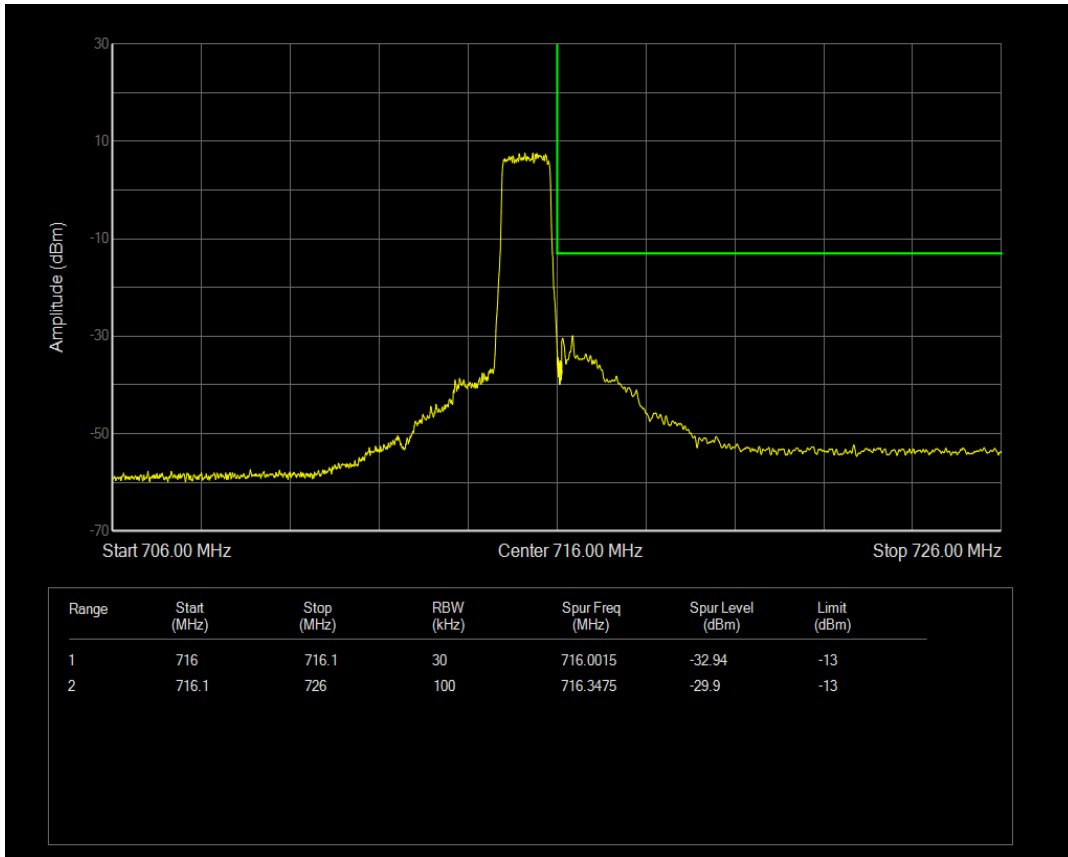




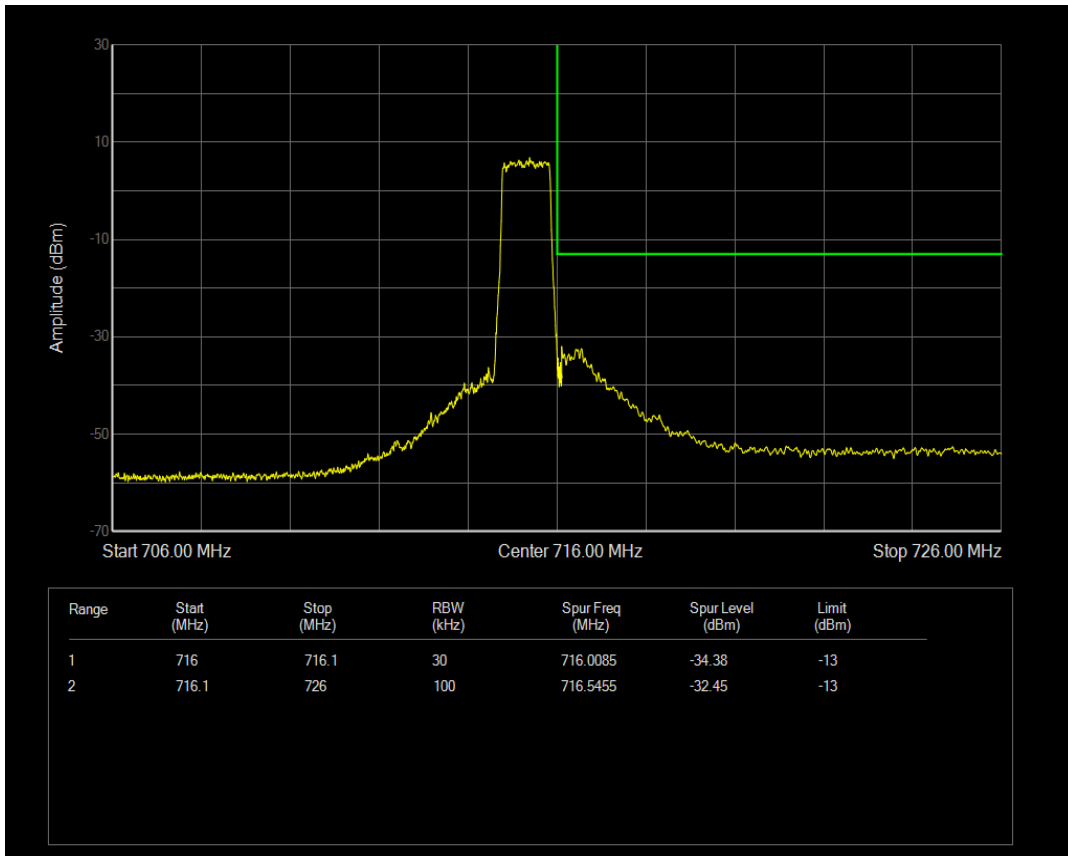
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



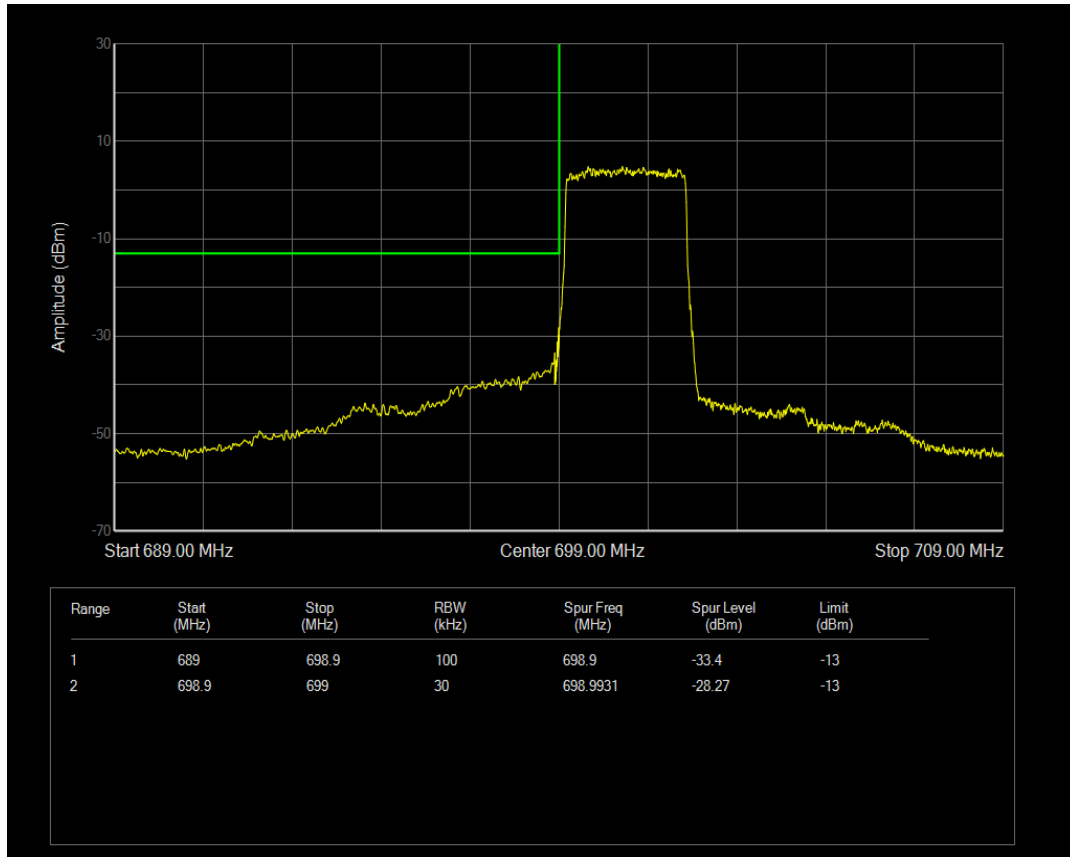
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



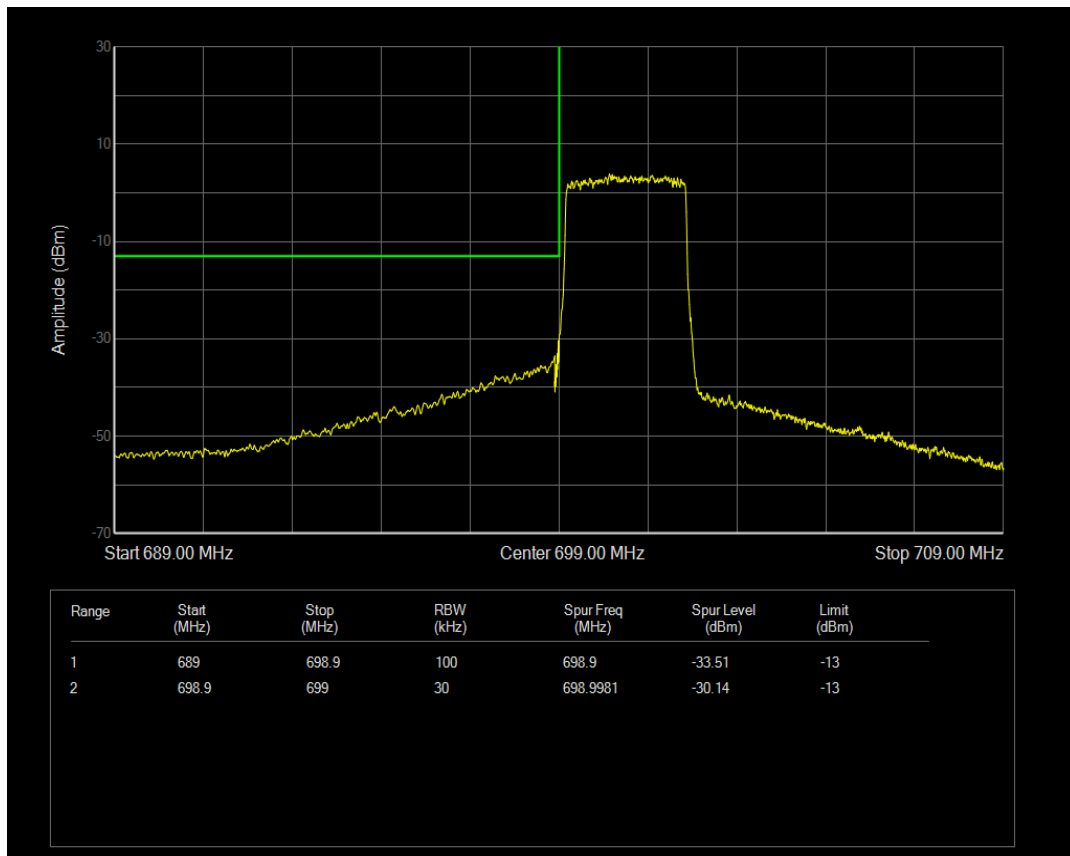
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



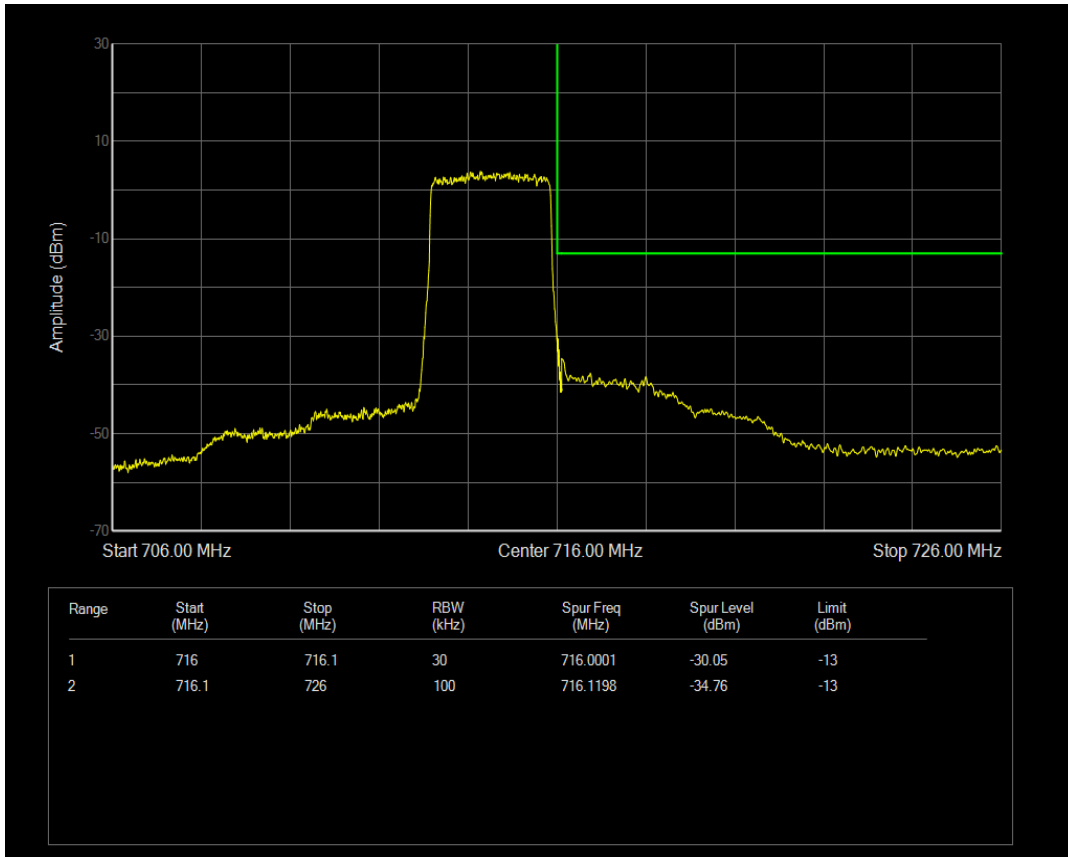
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



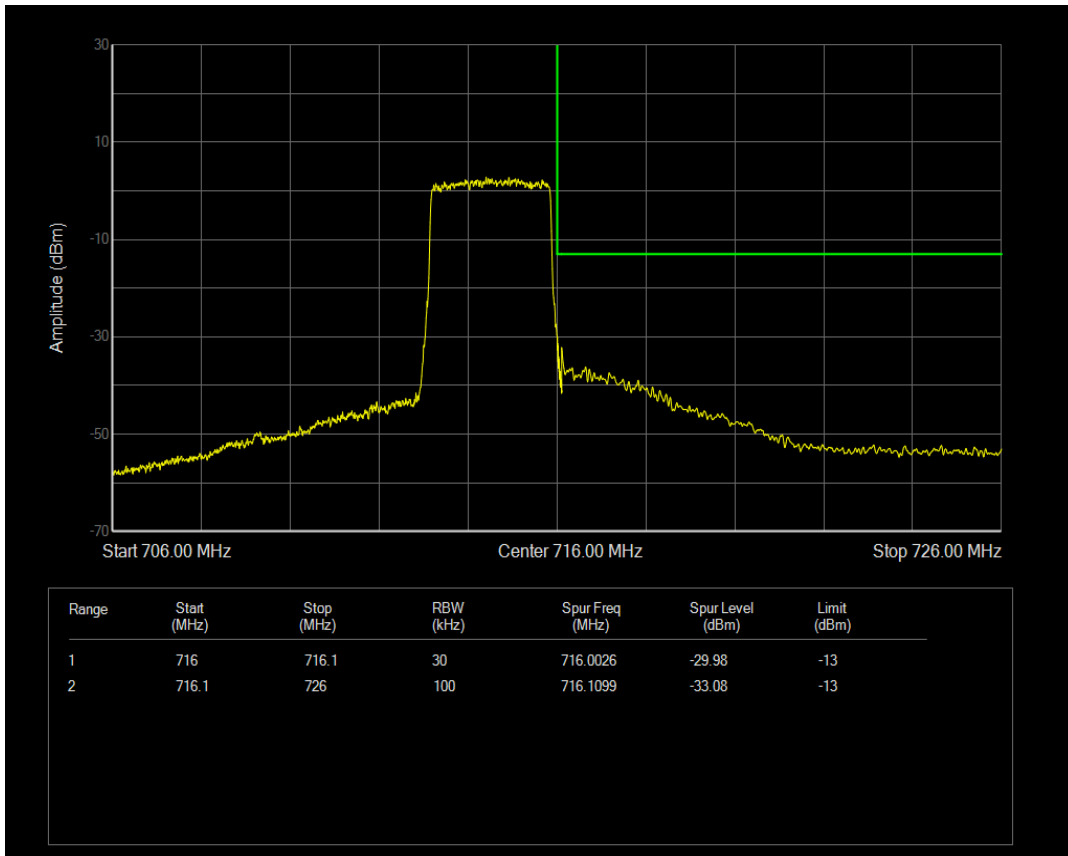
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



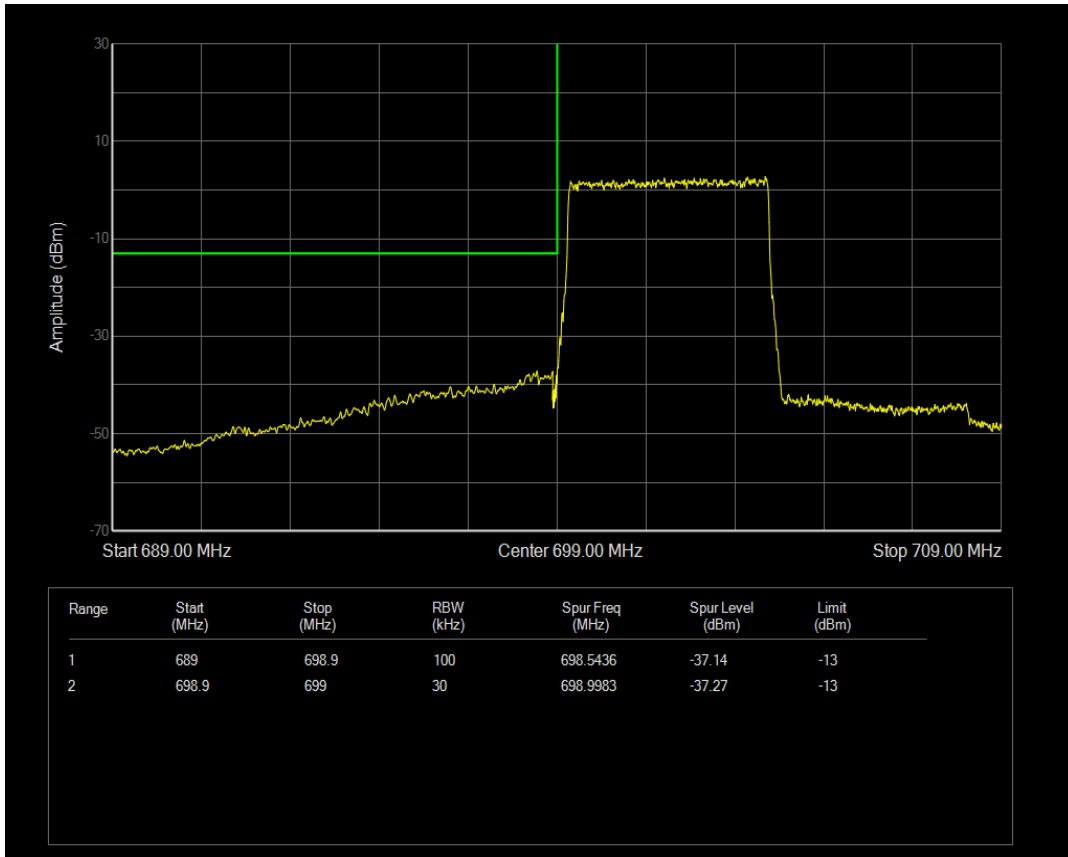
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



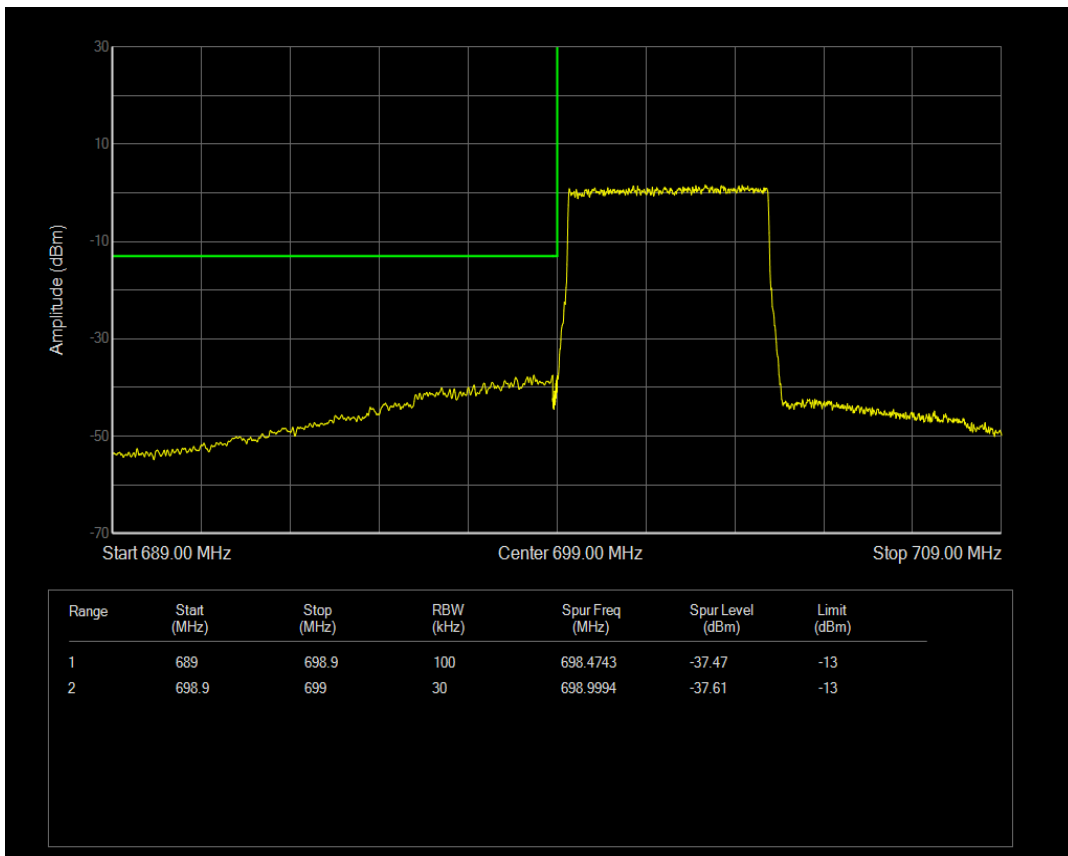
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



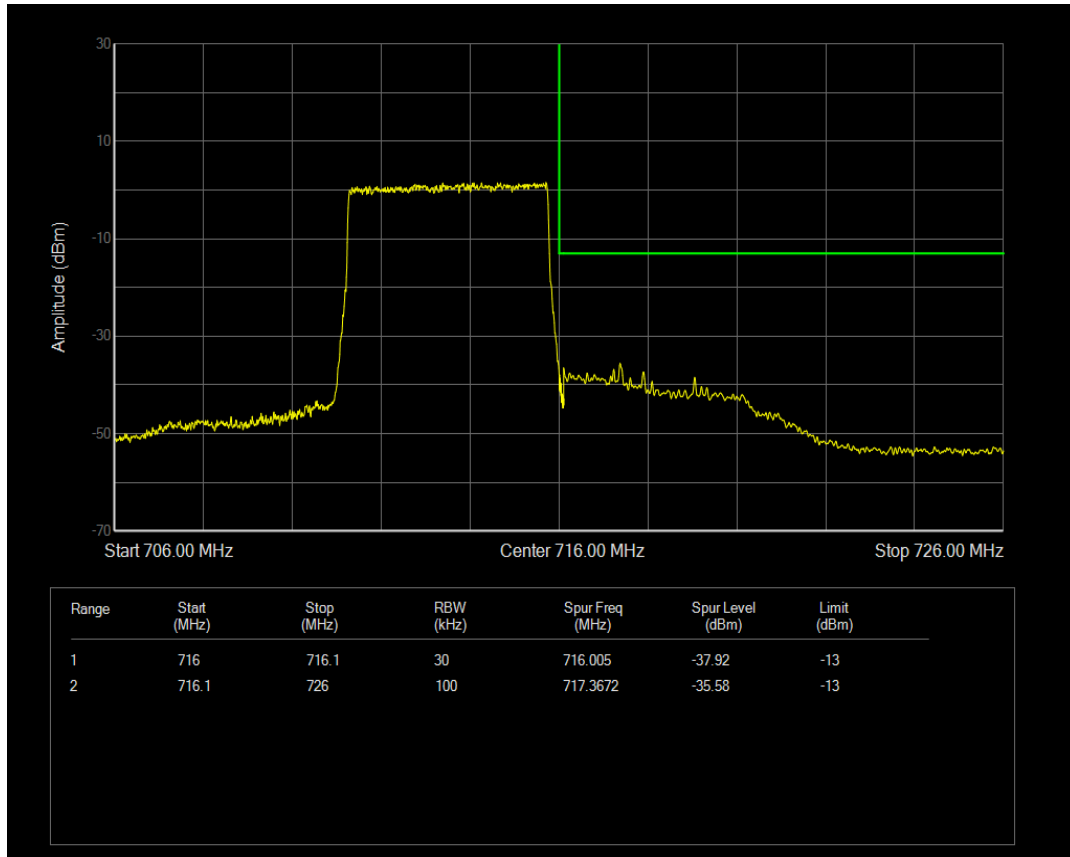
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



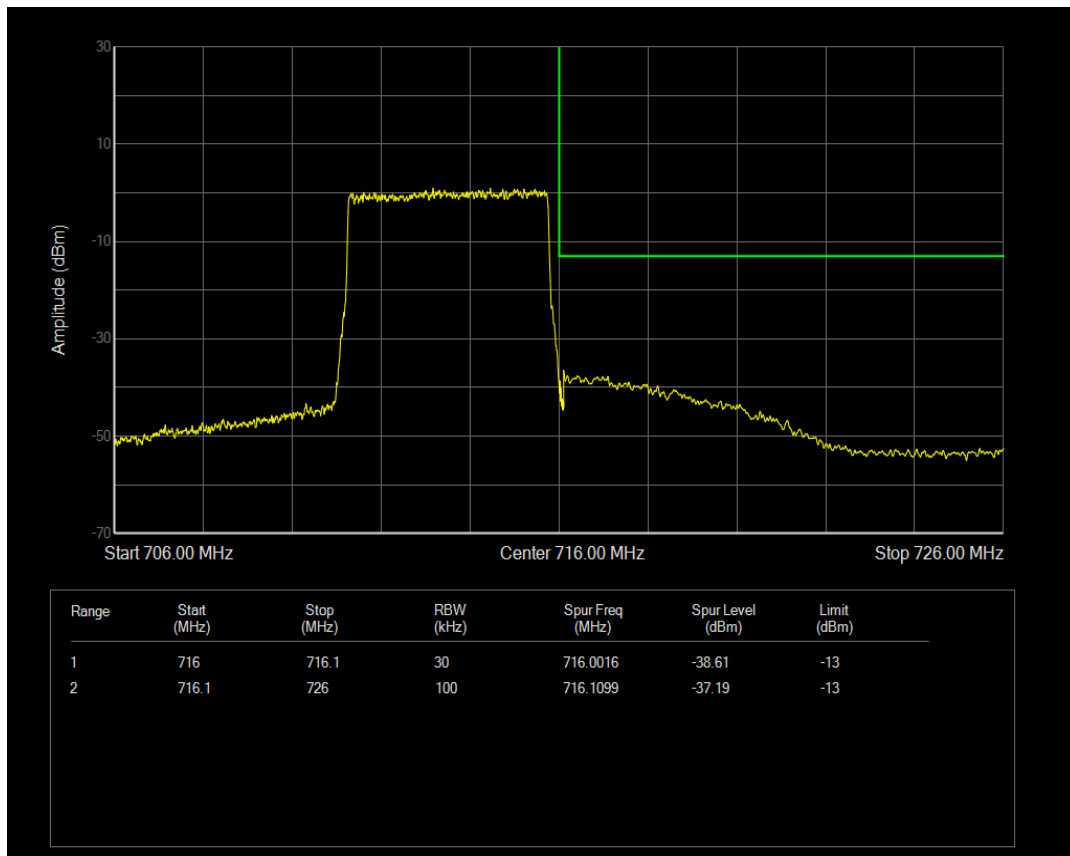
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



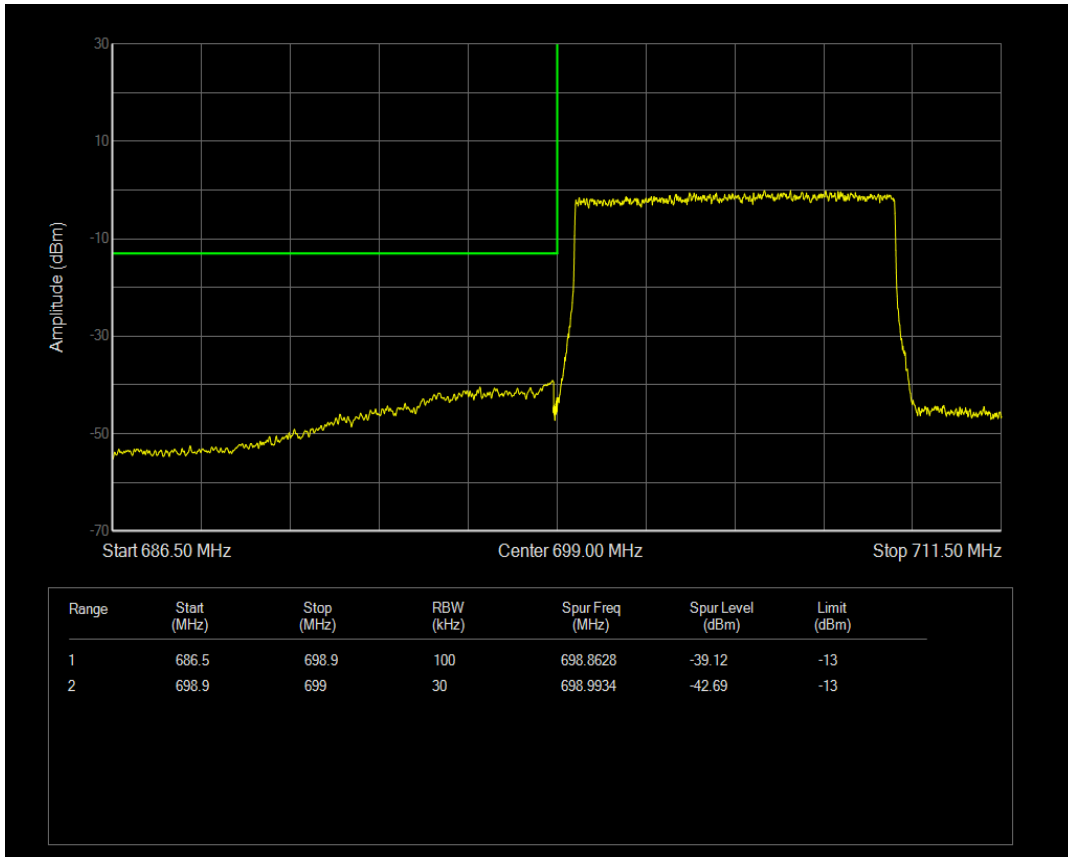
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



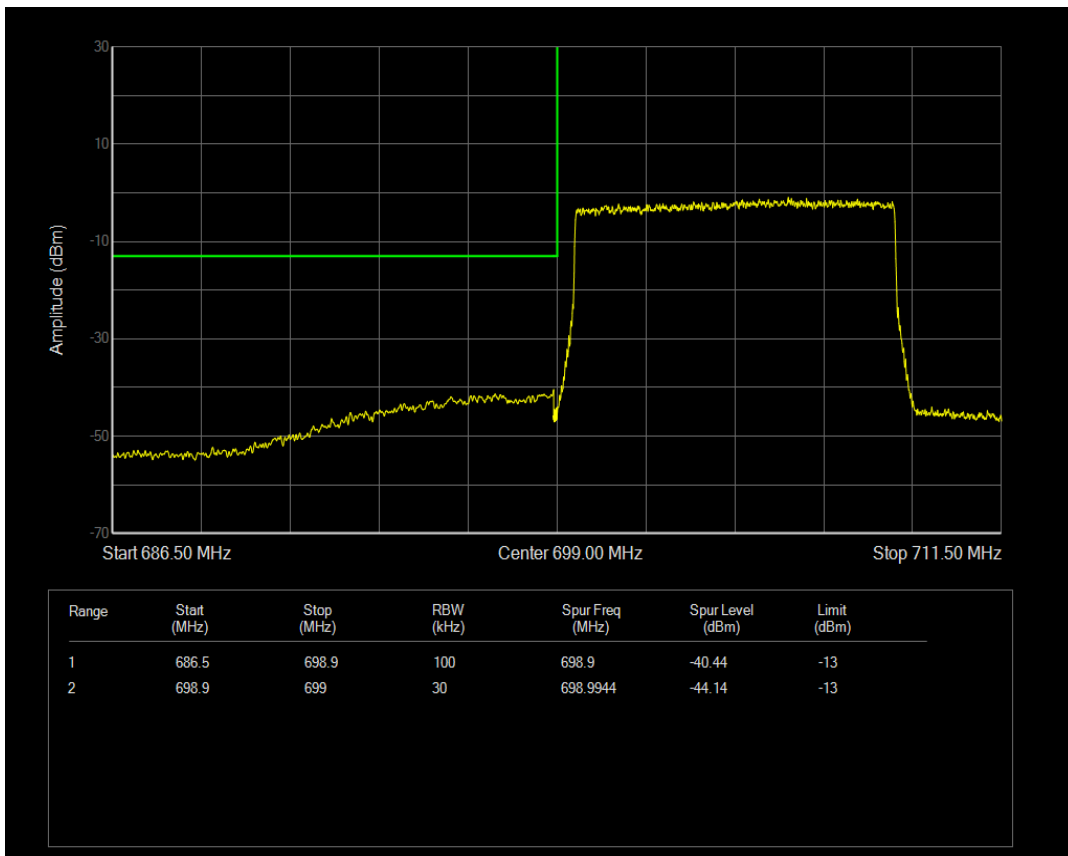
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



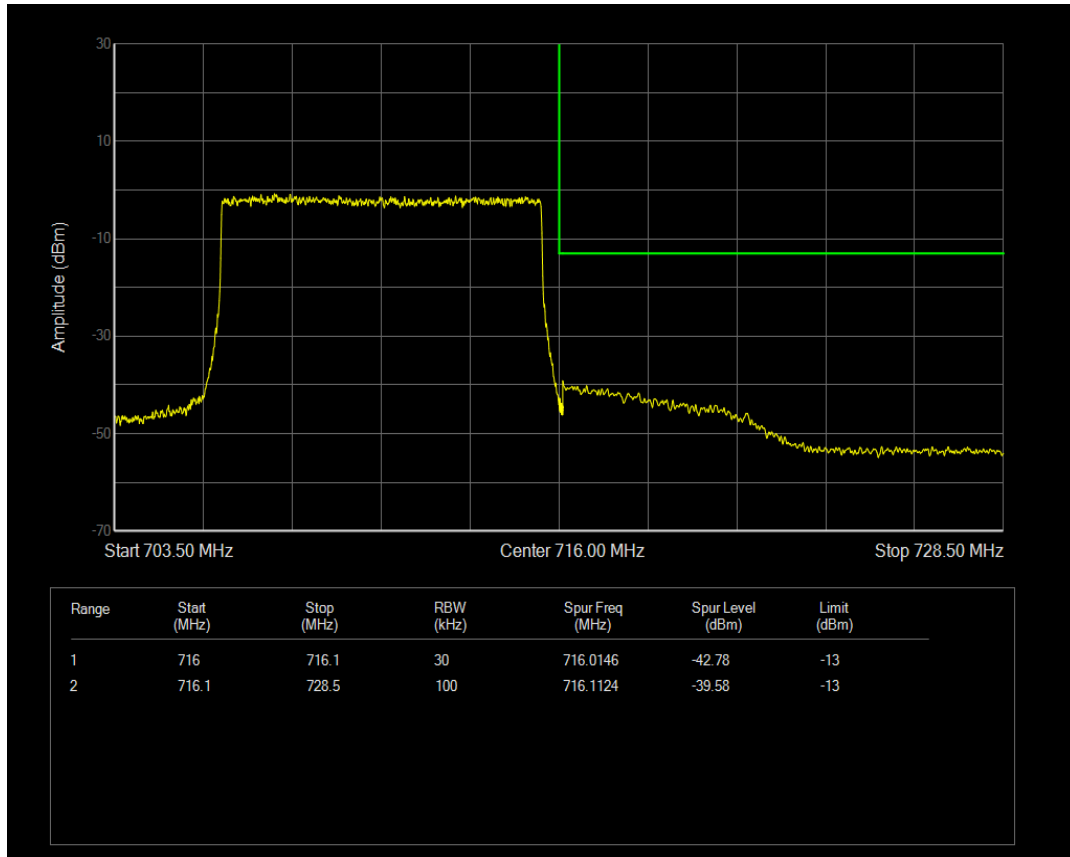
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



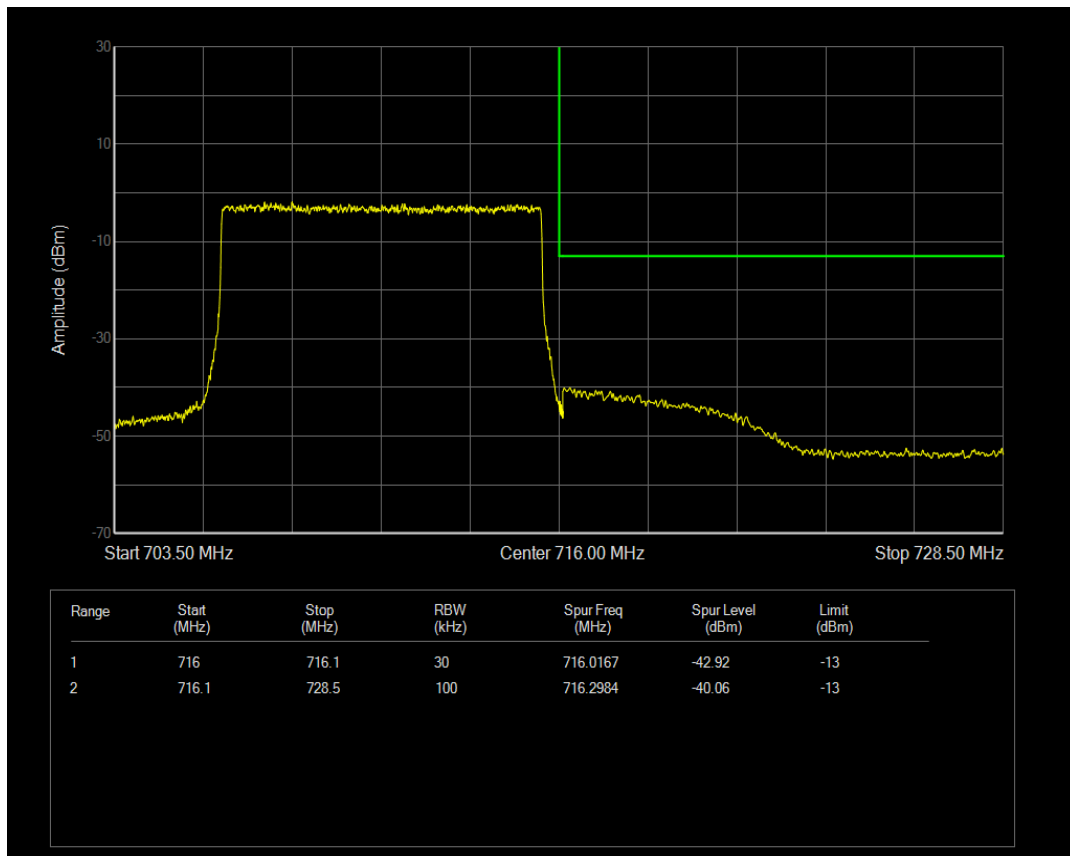
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



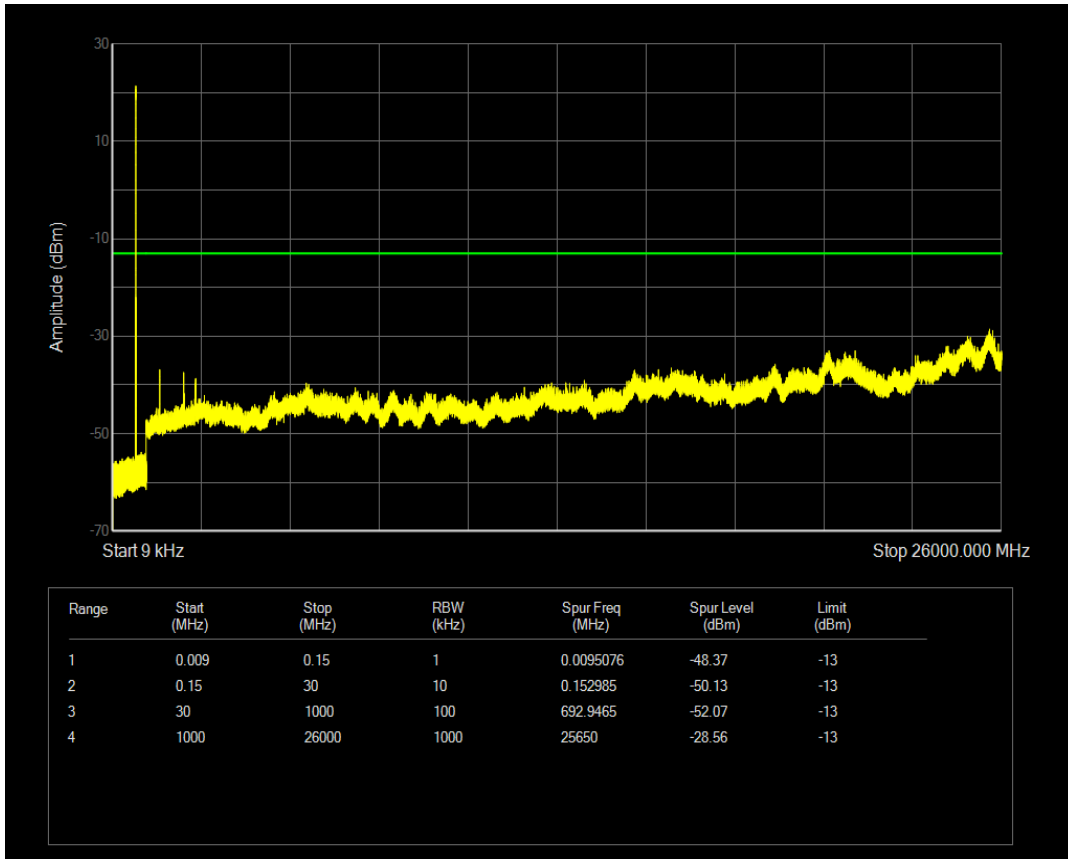
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0



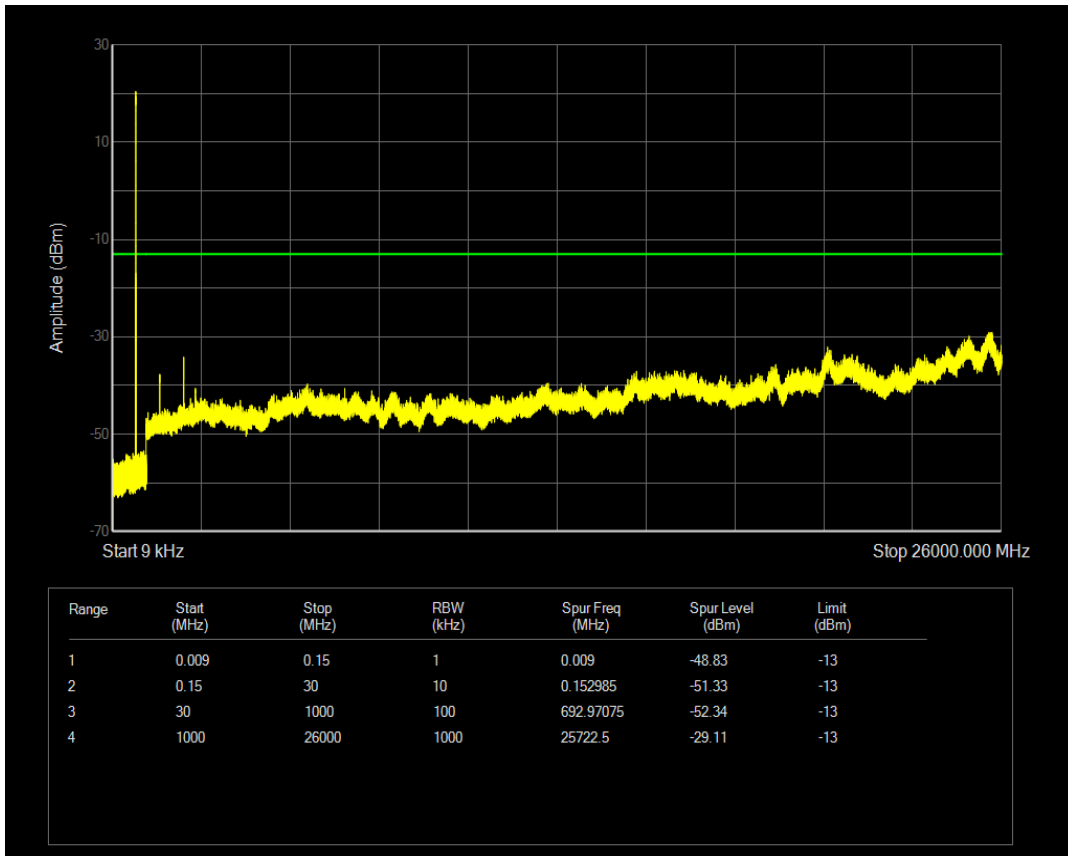
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	25650.00	-28.56	-13	PASS
Band12	1.4	23017	6	#0	16QAM	25722.50	-29.11	-13	PASS
Band12	1.4	23095	6	#0	QPSK	25669.38	-28.56	-13	PASS
Band12	1.4	23095	6	#0	16QAM	25637.50	-28.58	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25634.38	-28.51	-13	PASS
Band12	1.4	23173	6	#0	16QAM	25619.38	-28.00	-13	PASS
Band12	3	23025	15	#0	QPSK	25611.88	-28.41	-13	PASS
Band12	3	23025	15	#0	16QAM	25577.50	-28.52	-13	PASS
Band12	3	23095	15	#0	QPSK	25643.75	-27.60	-13	PASS
Band12	3	23095	15	#0	16QAM	25668.75	-28.25	-13	PASS
Band12	3	23165	15	#0	QPSK	25660.00	-28.91	-13	PASS
Band12	3	23165	15	#0	16QAM	25625.63	-27.82	-13	PASS
Band12	5	23035	25	#0	QPSK	25667.50	-28.65	-13	PASS
Band12	5	23035	25	#0	16QAM	25631.25	-28.54	-13	PASS
Band12	5	23095	25	#0	QPSK	25667.50	-28.16	-13	PASS
Band12	5	23095	25	#0	16QAM	25623.75	-29.01	-13	PASS
Band12	5	23155	25	#0	QPSK	25671.88	-28.25	-13	PASS
Band12	5	23155	25	#0	16QAM	25650.63	-28.66	-13	PASS
Band12	10	23060	50	#0	QPSK	25650.00	-28.55	-13	PASS
Band12	10	23060	50	#0	16QAM	25587.50	-28.59	-13	PASS
Band12	10	23095	50	#0	QPSK	25536.88	-28.42	-13	PASS
Band12	10	23095	50	#0	16QAM	25600.63	-28.42	-13	PASS
Band12	10	23130	50	#0	QPSK	25009.38	-28.44	-13	PASS
Band12	10	23130	50	#0	16QAM	25616.25	-28.87	-13	PASS

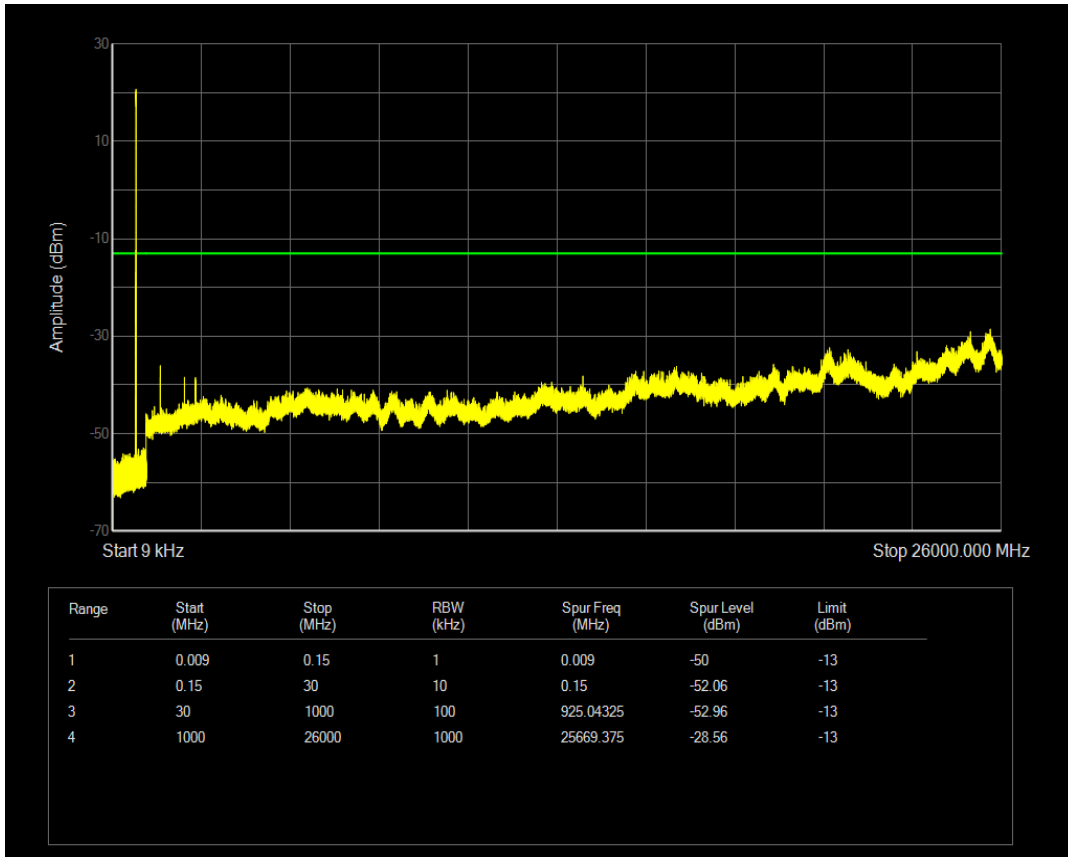
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



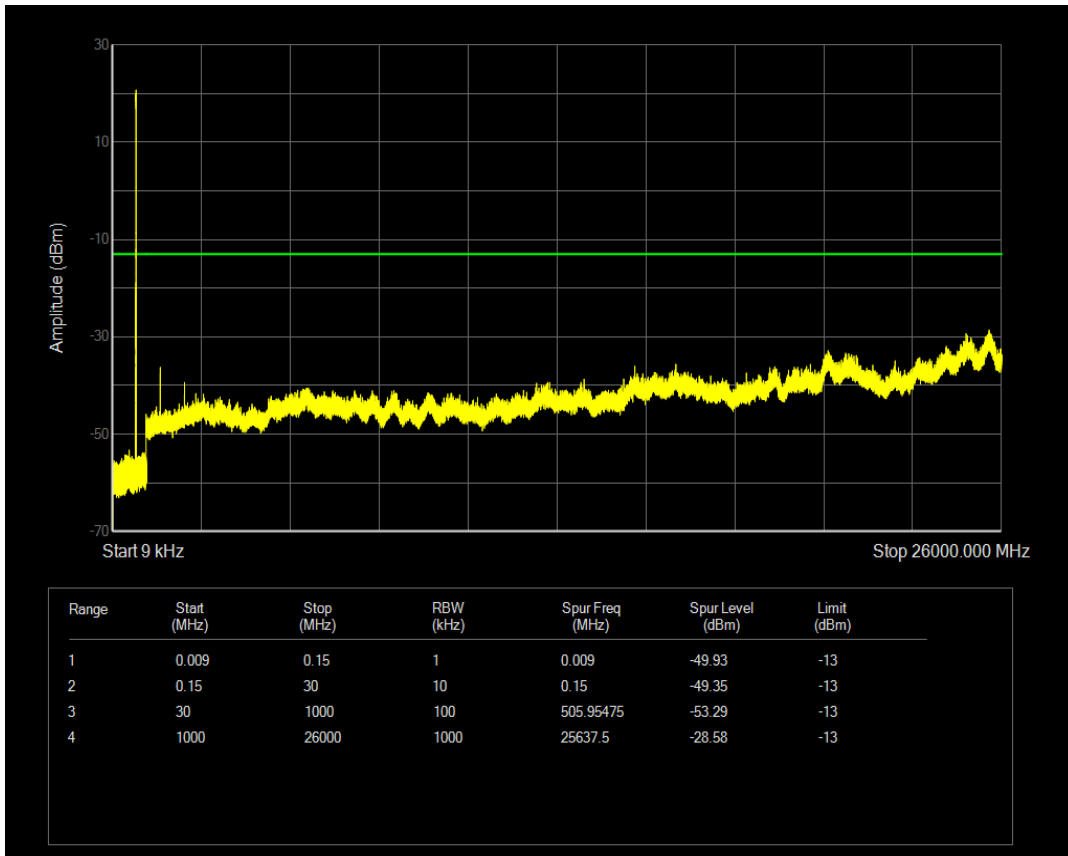
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



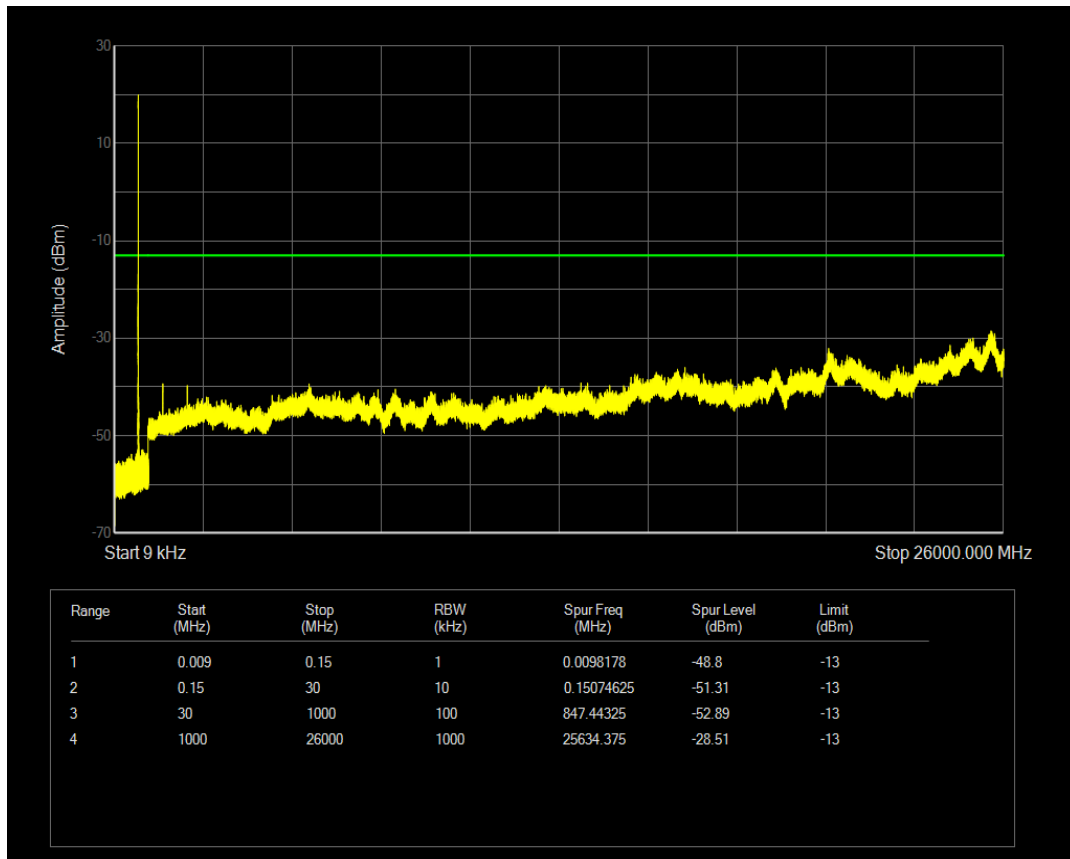
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



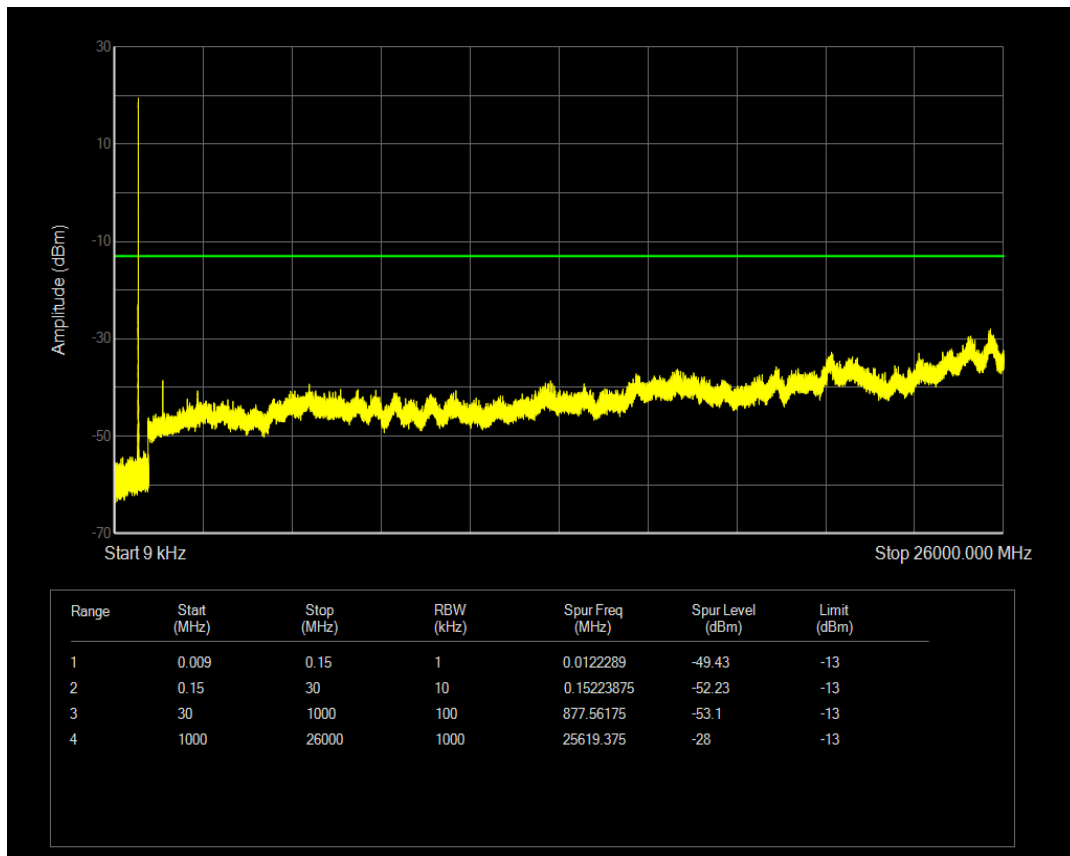
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



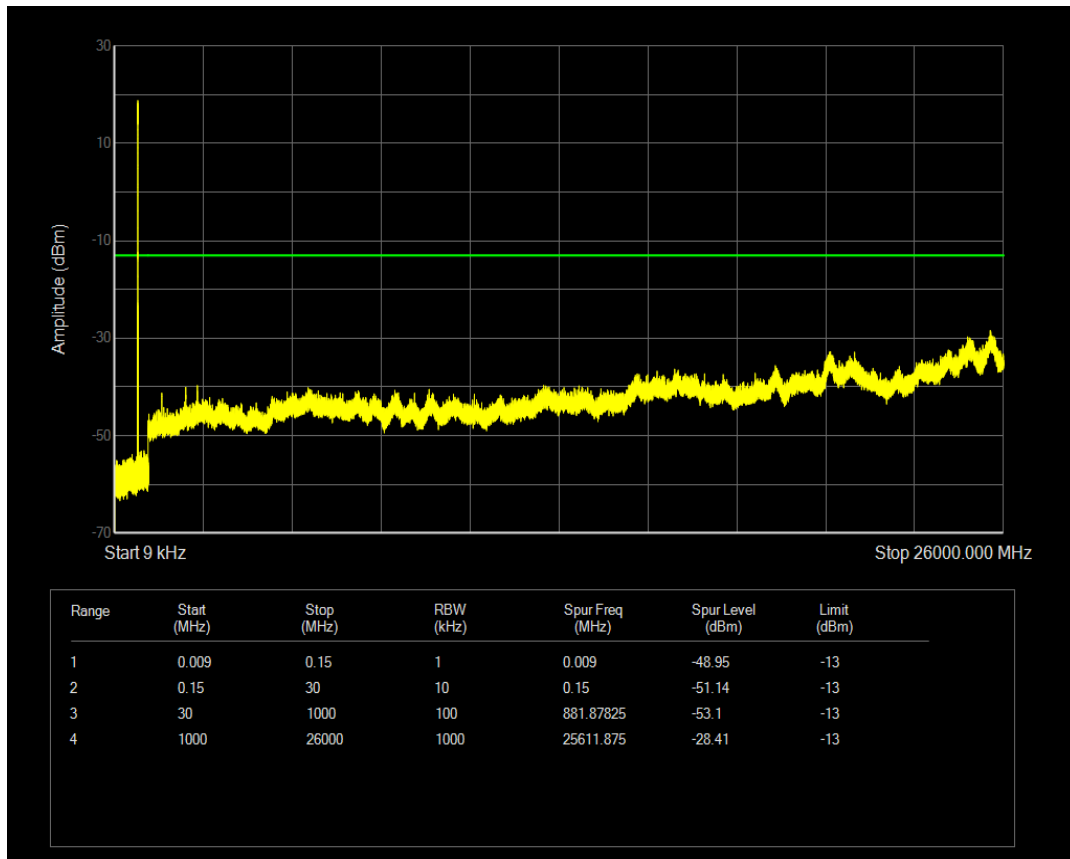
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



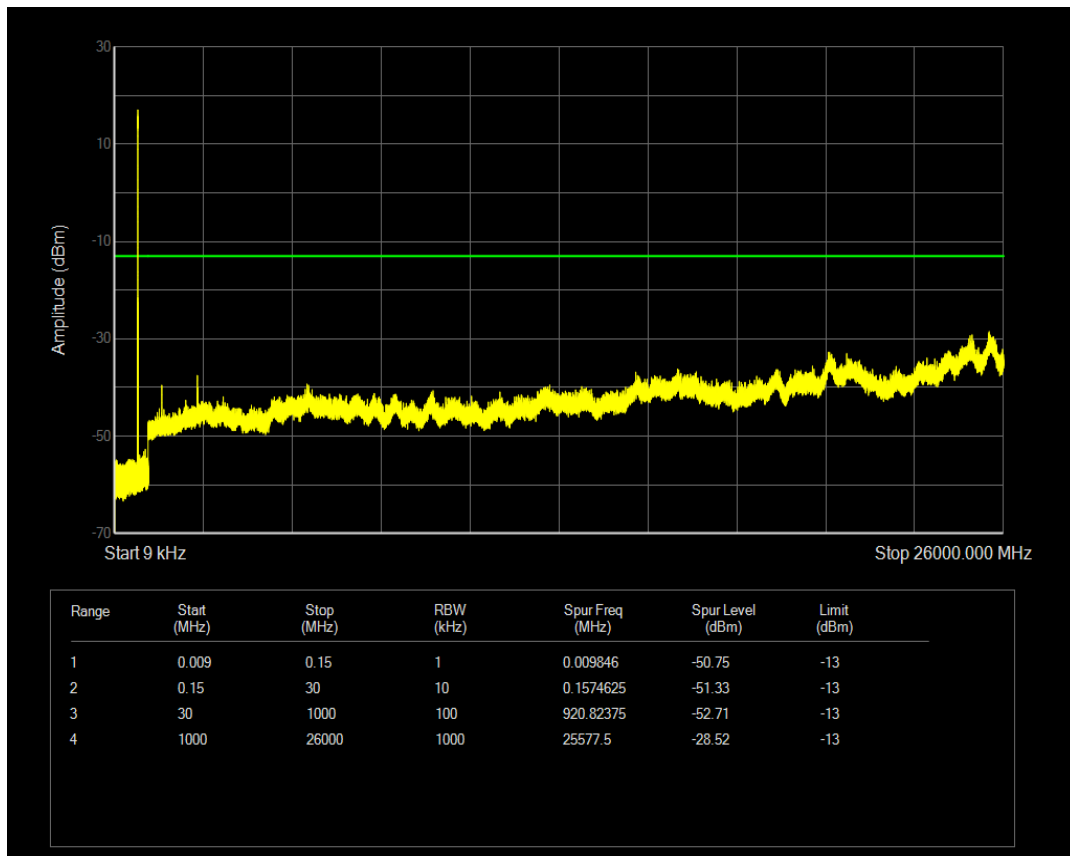
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



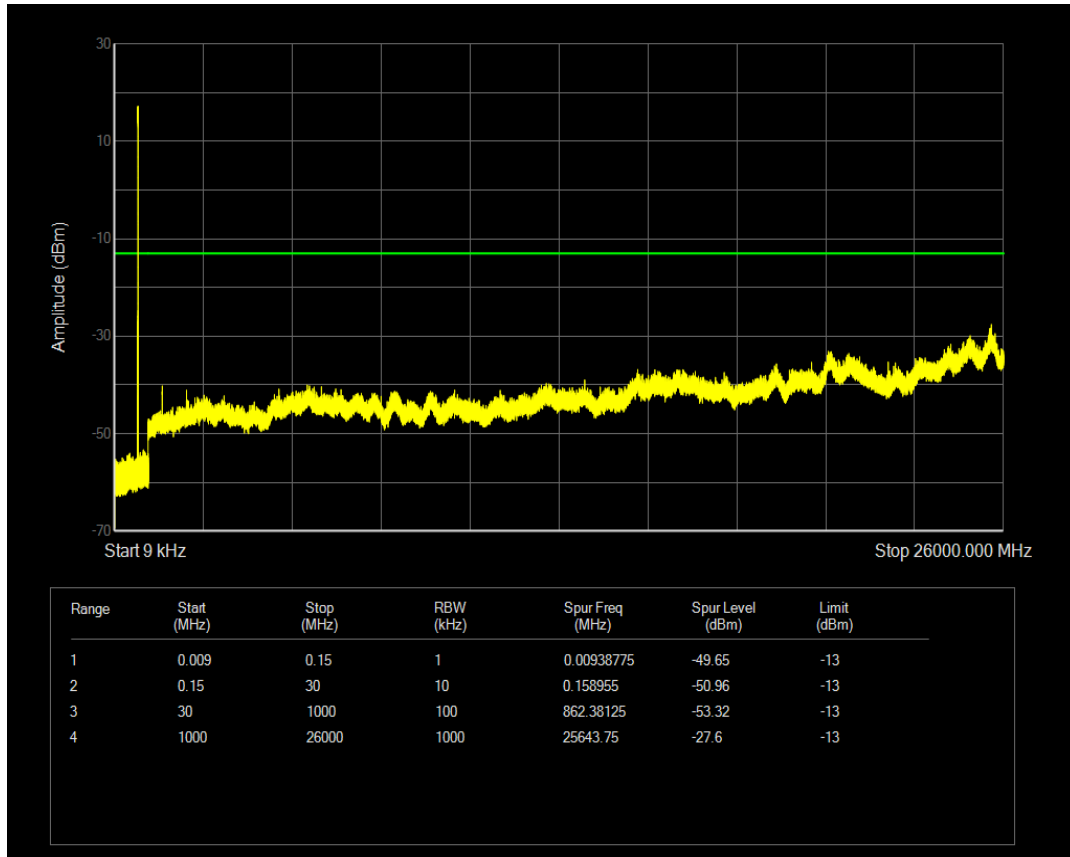
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



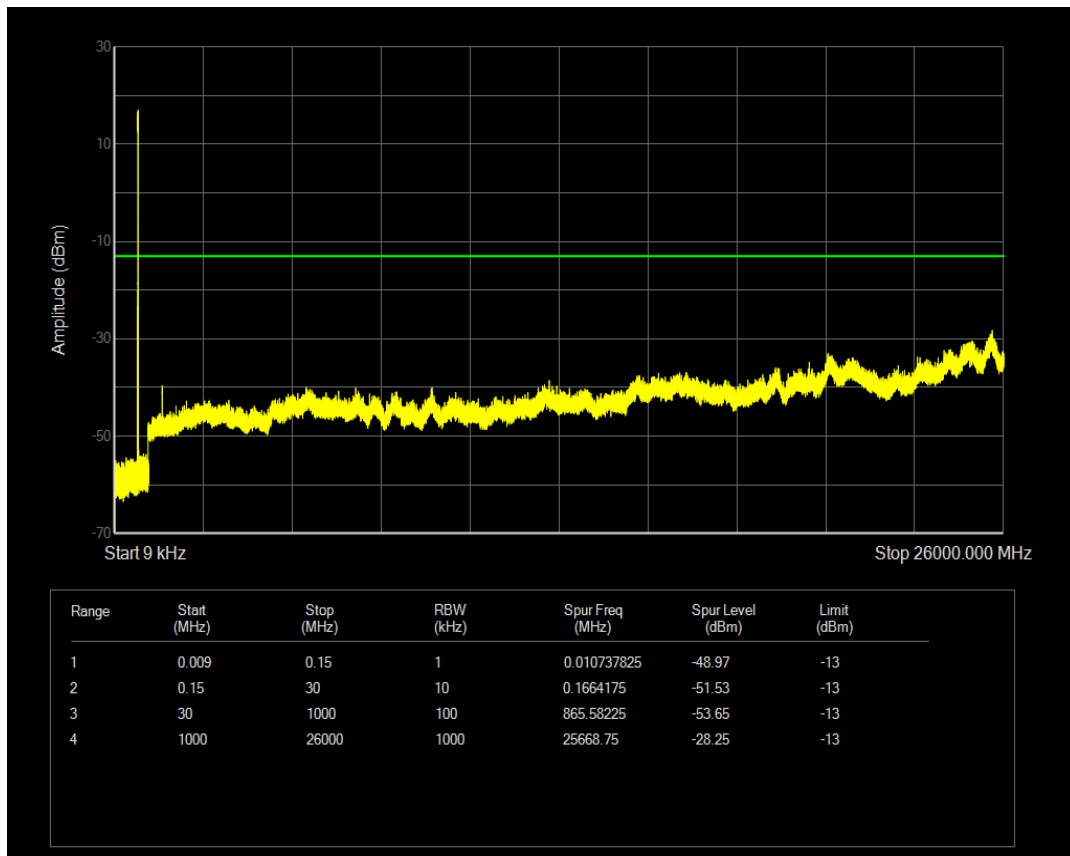
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



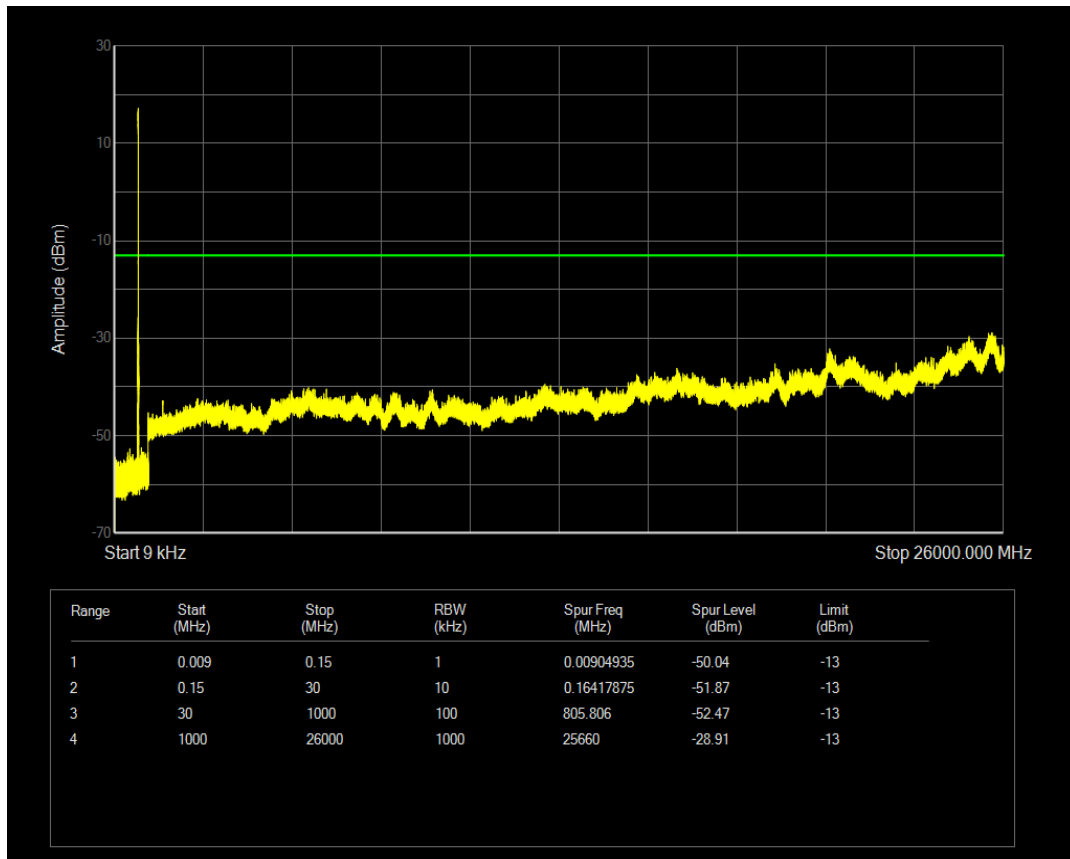
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



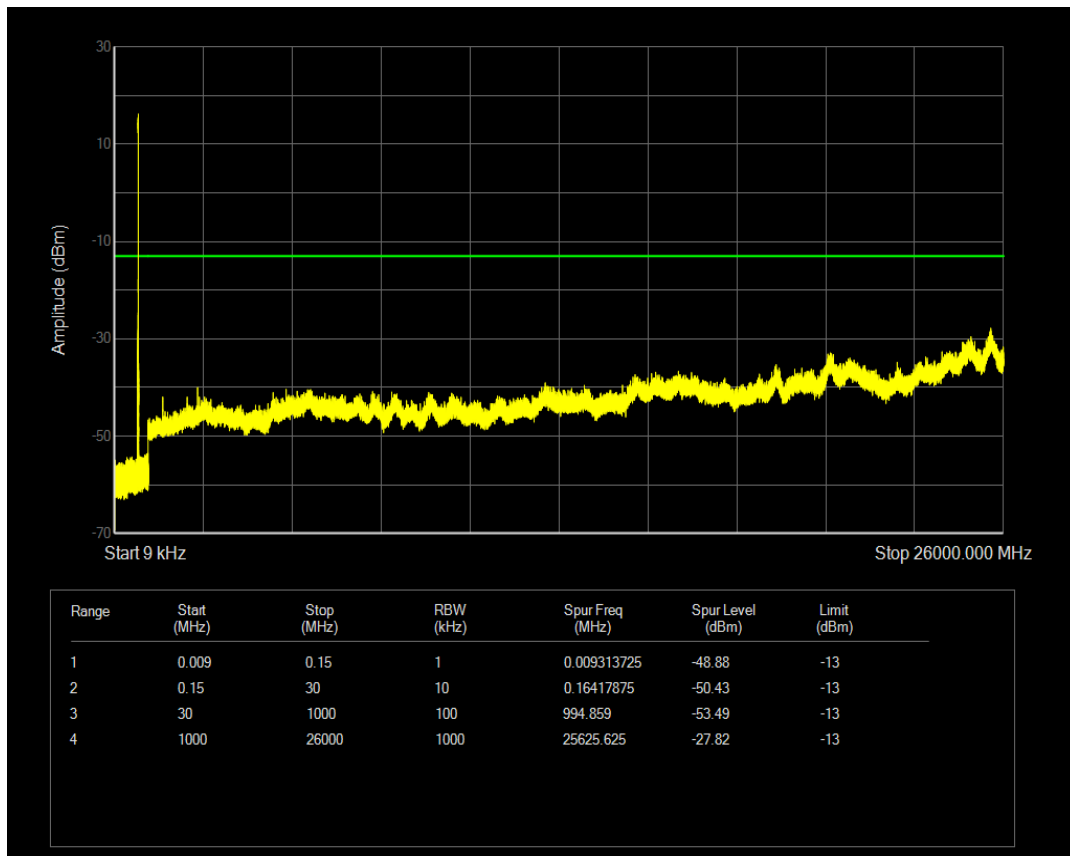
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



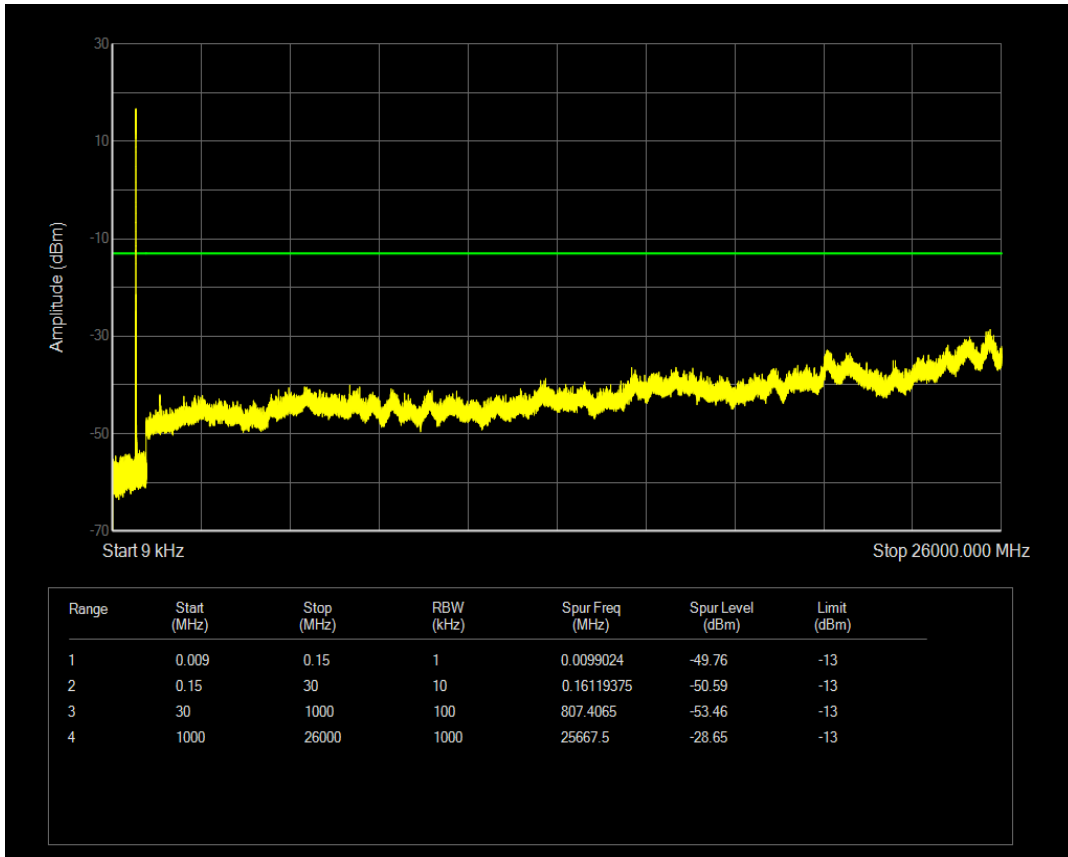
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



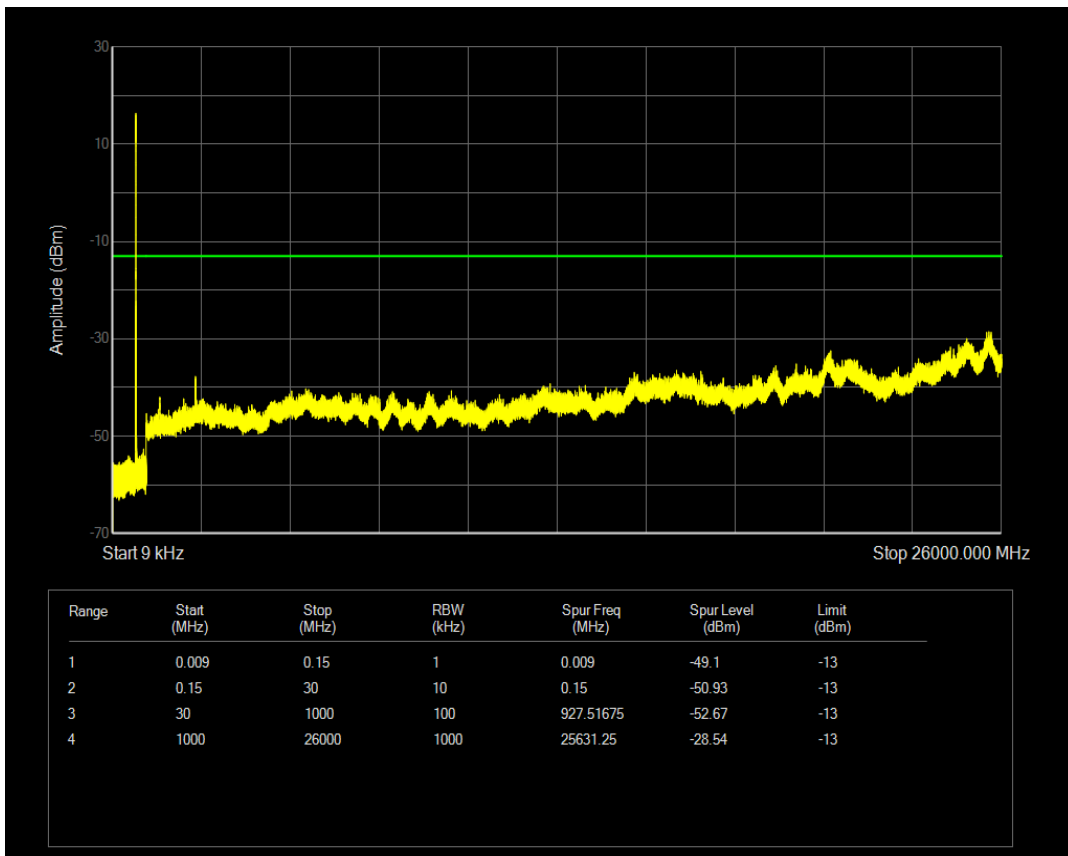
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



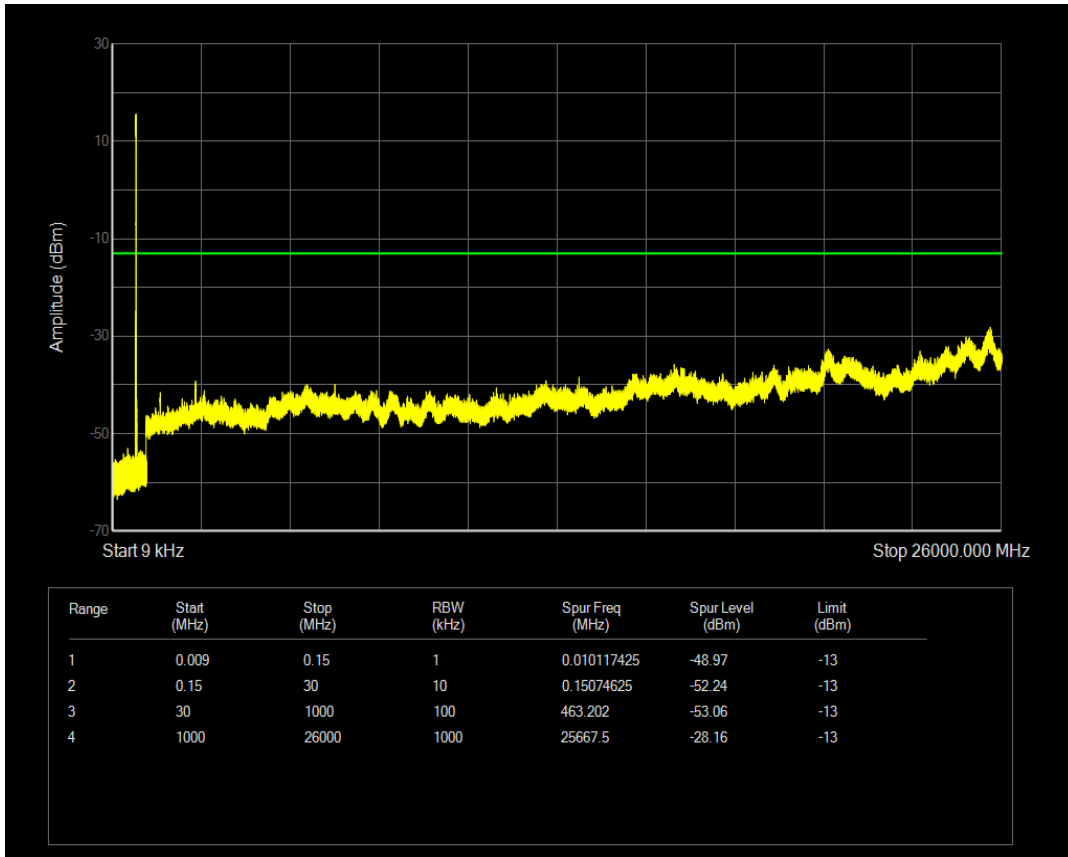
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



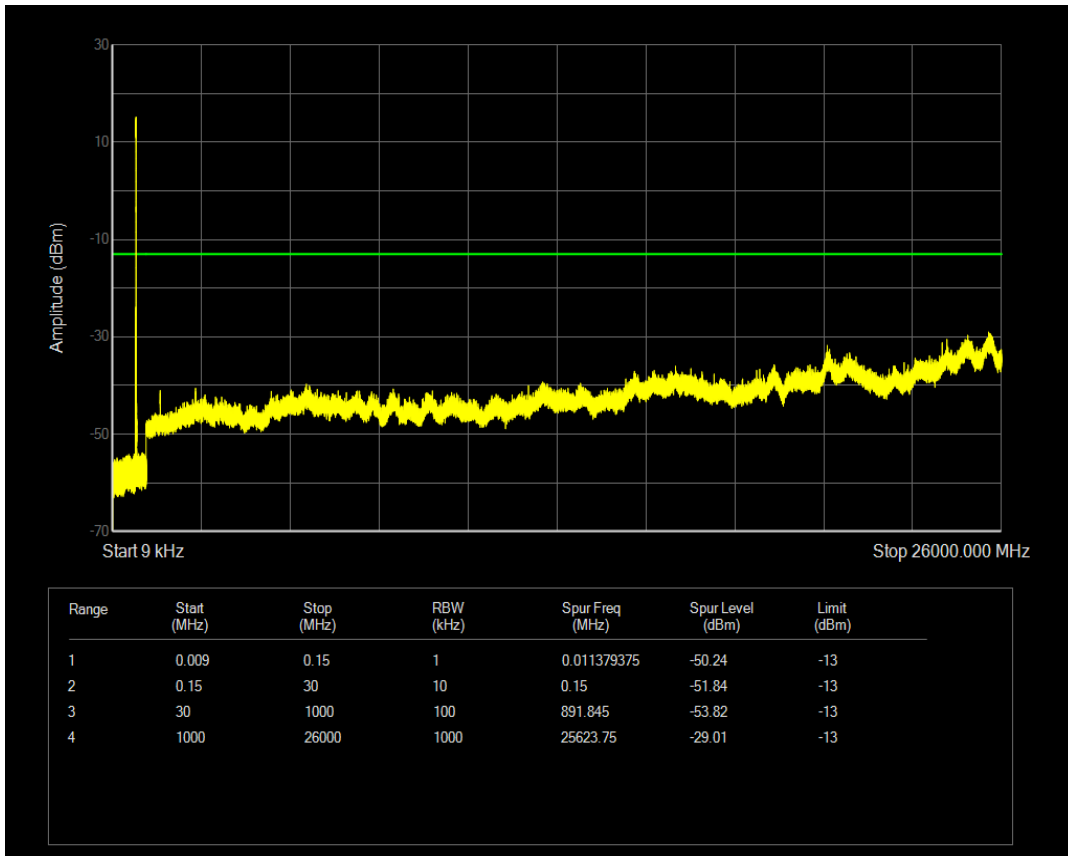
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



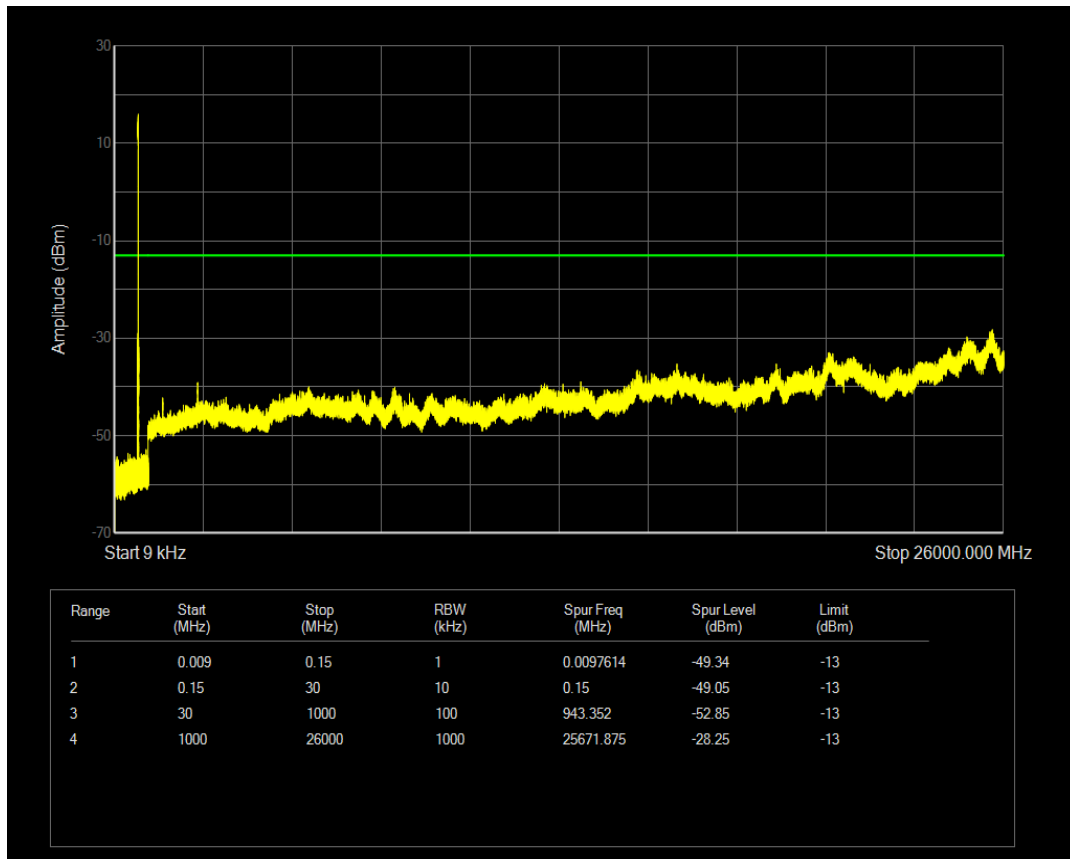
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



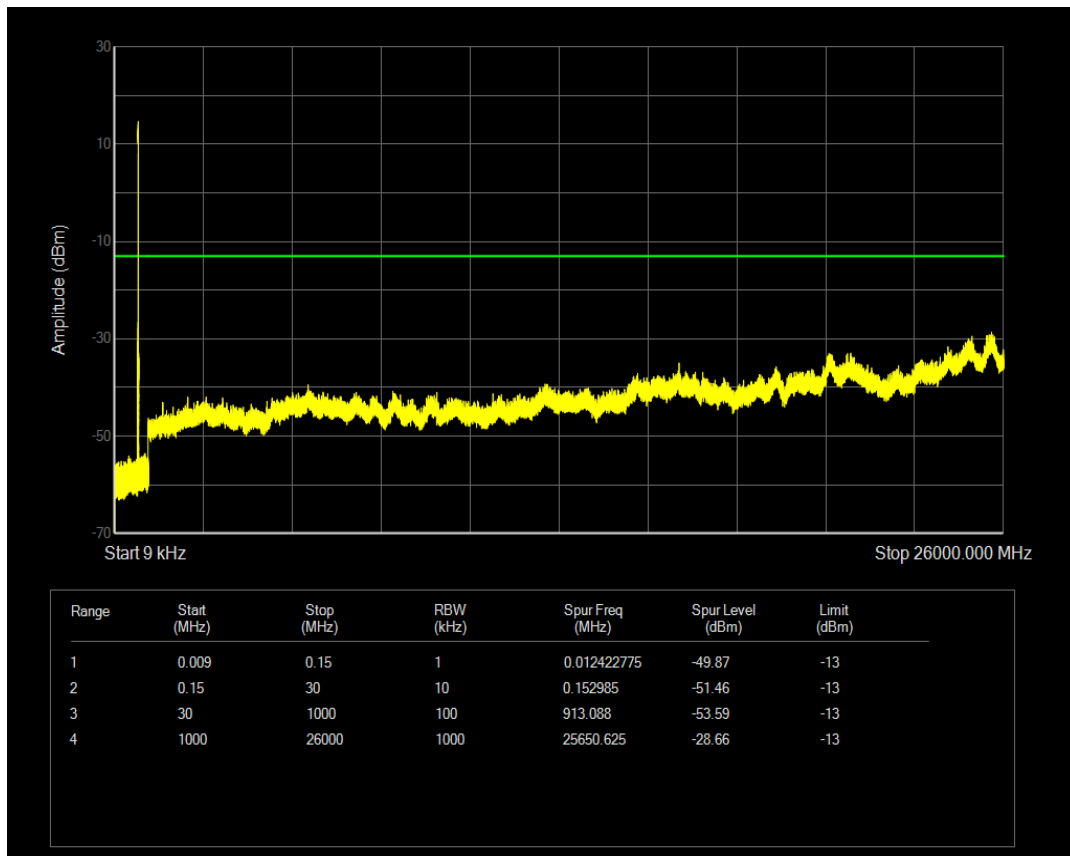
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



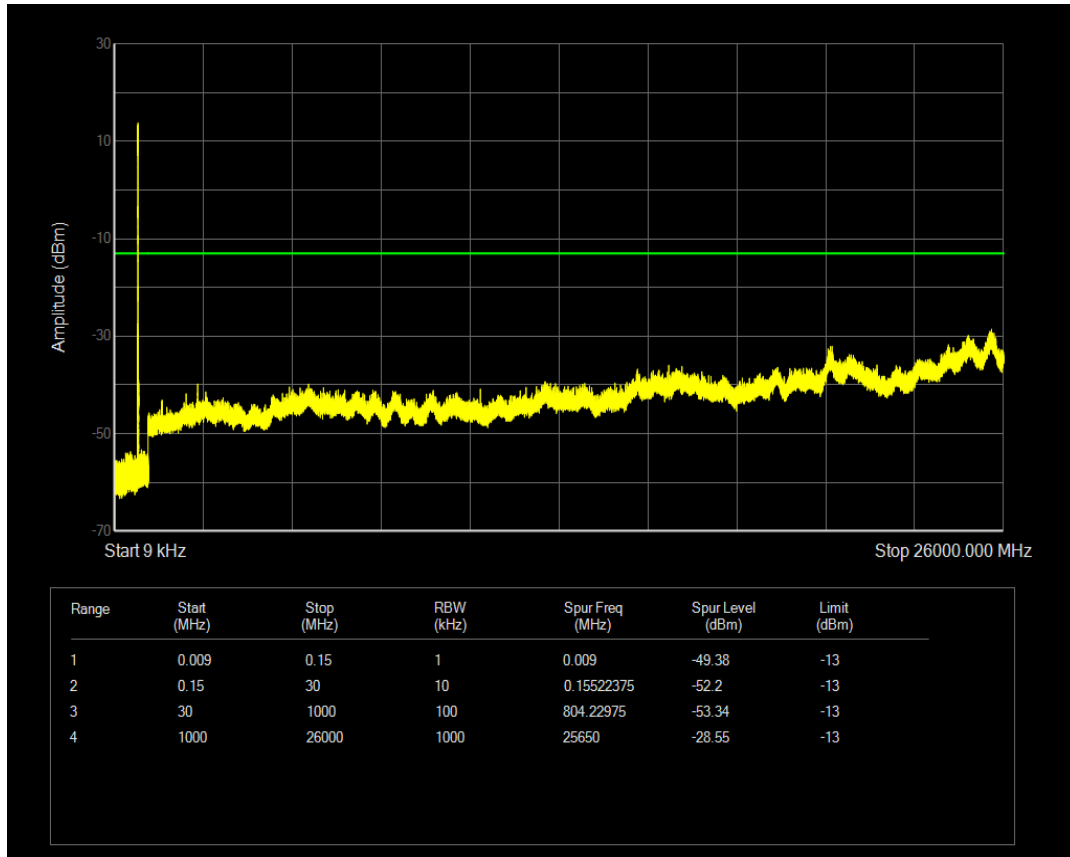
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



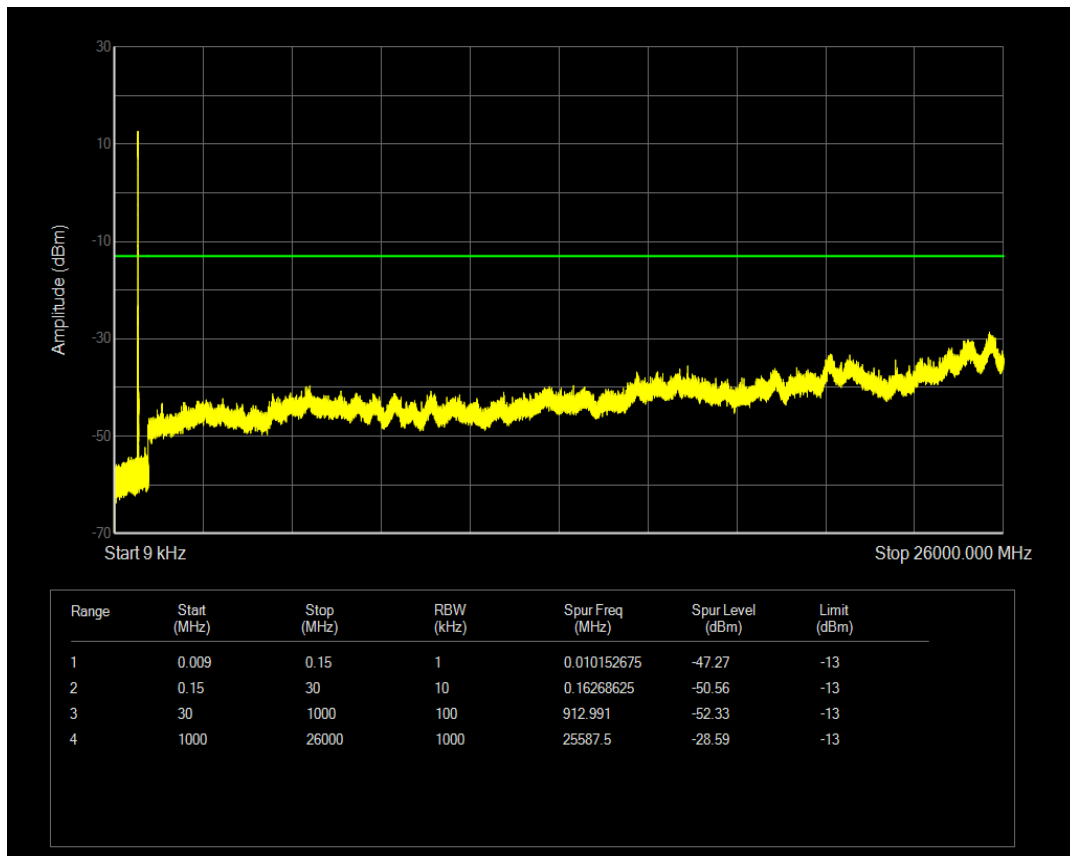
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



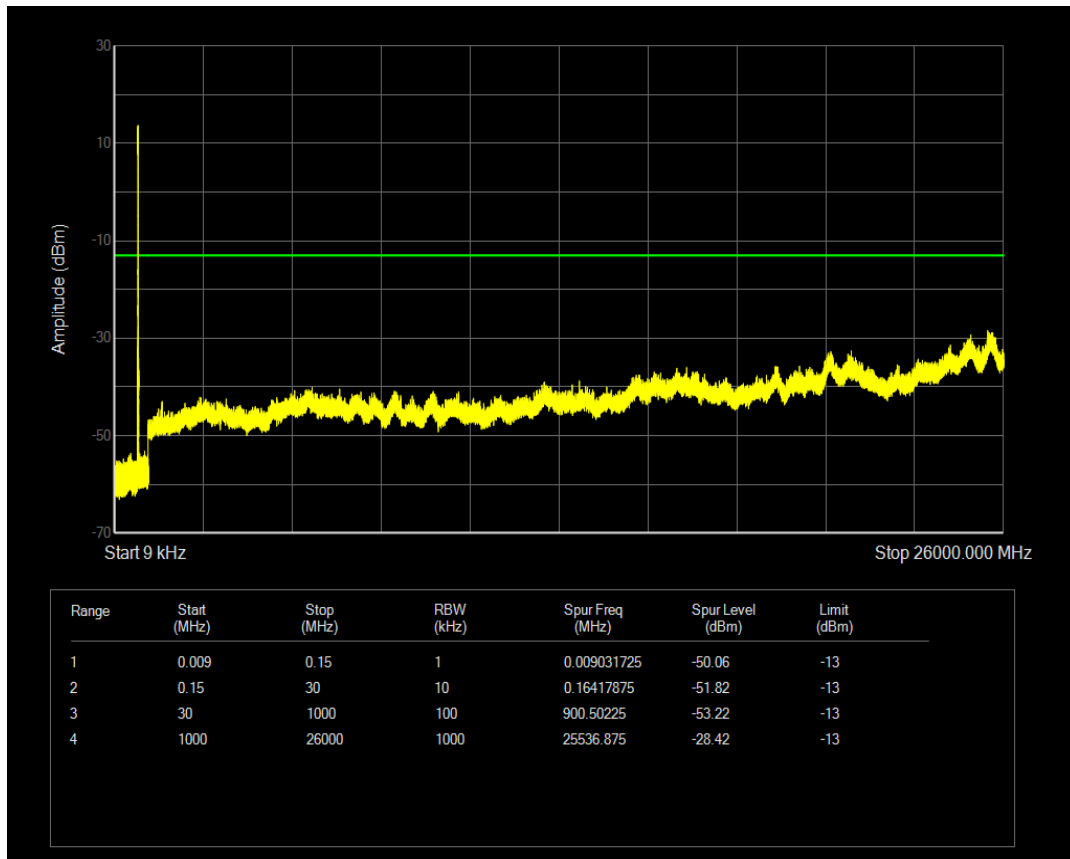
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



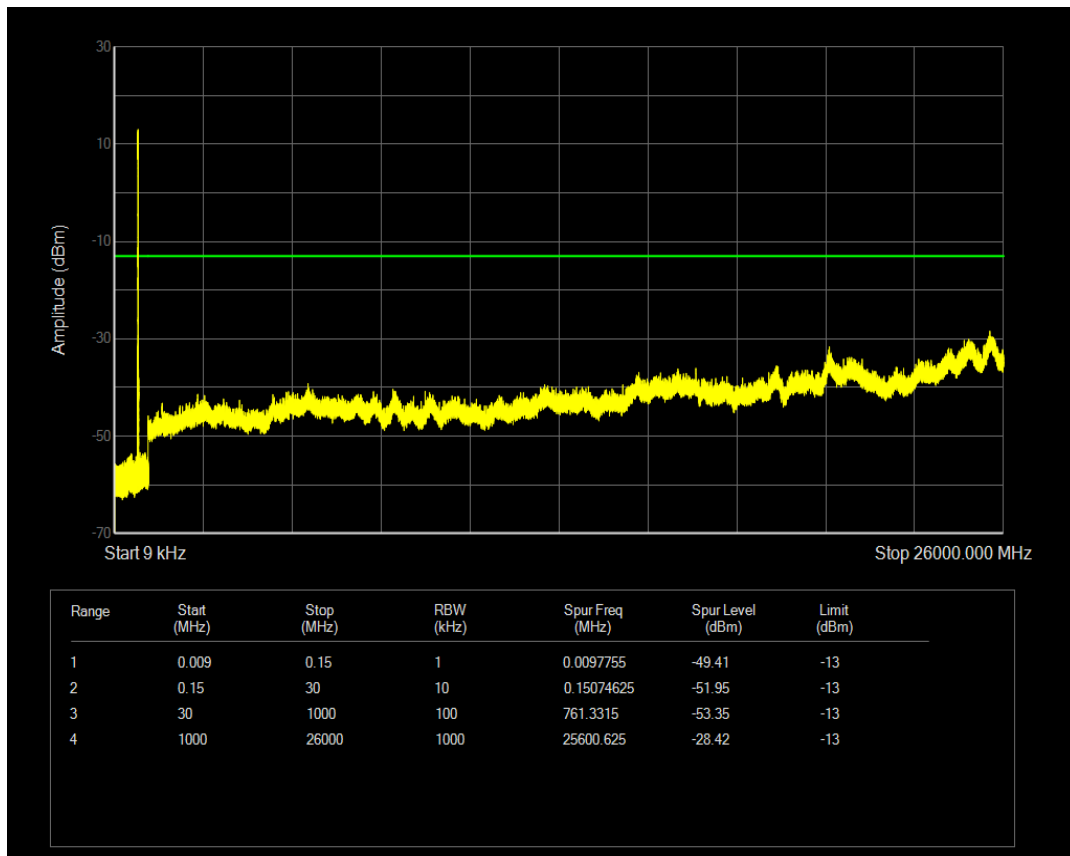
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



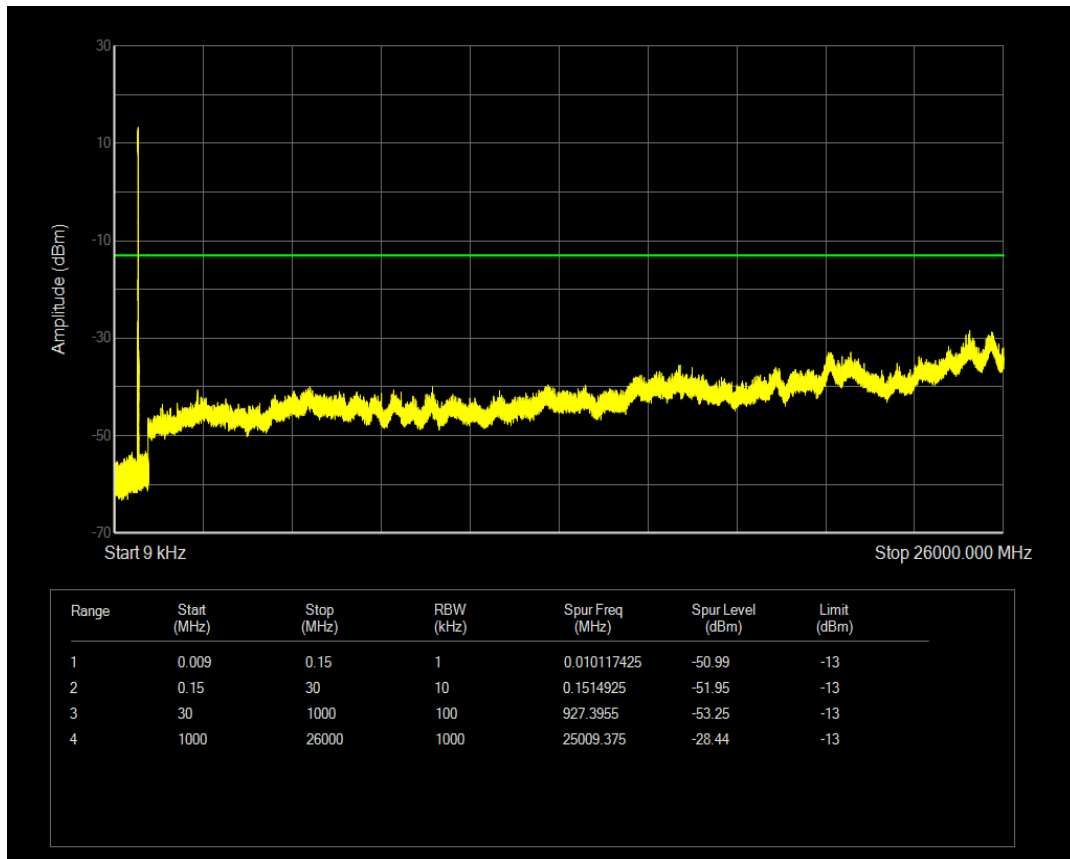
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

