

Appendix for Band 12

Report No.: BCTC2501199178-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

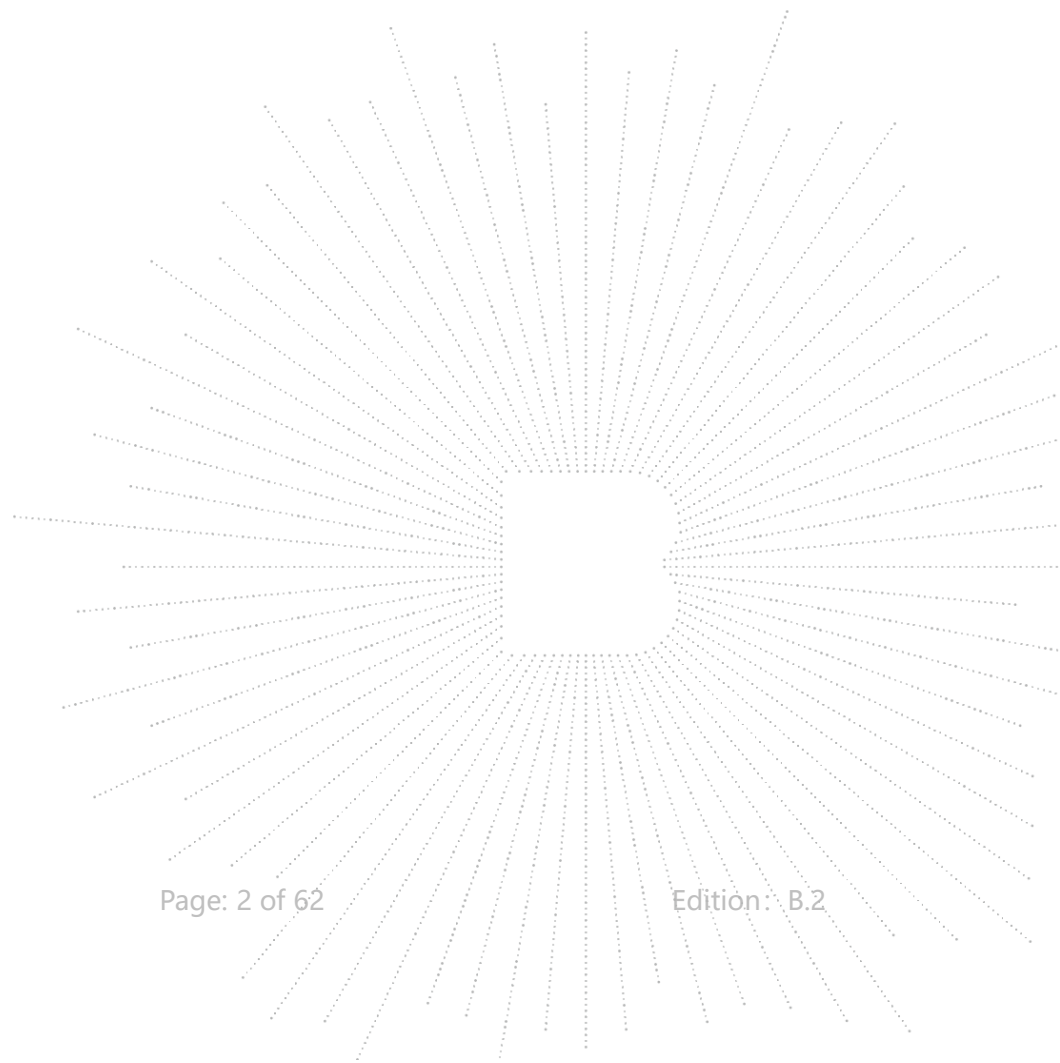
Test Model: C61

Tested Date: 2025-01-03 to 2025-02-07

Shenzhen BCTC Testing Co., Ltd.

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

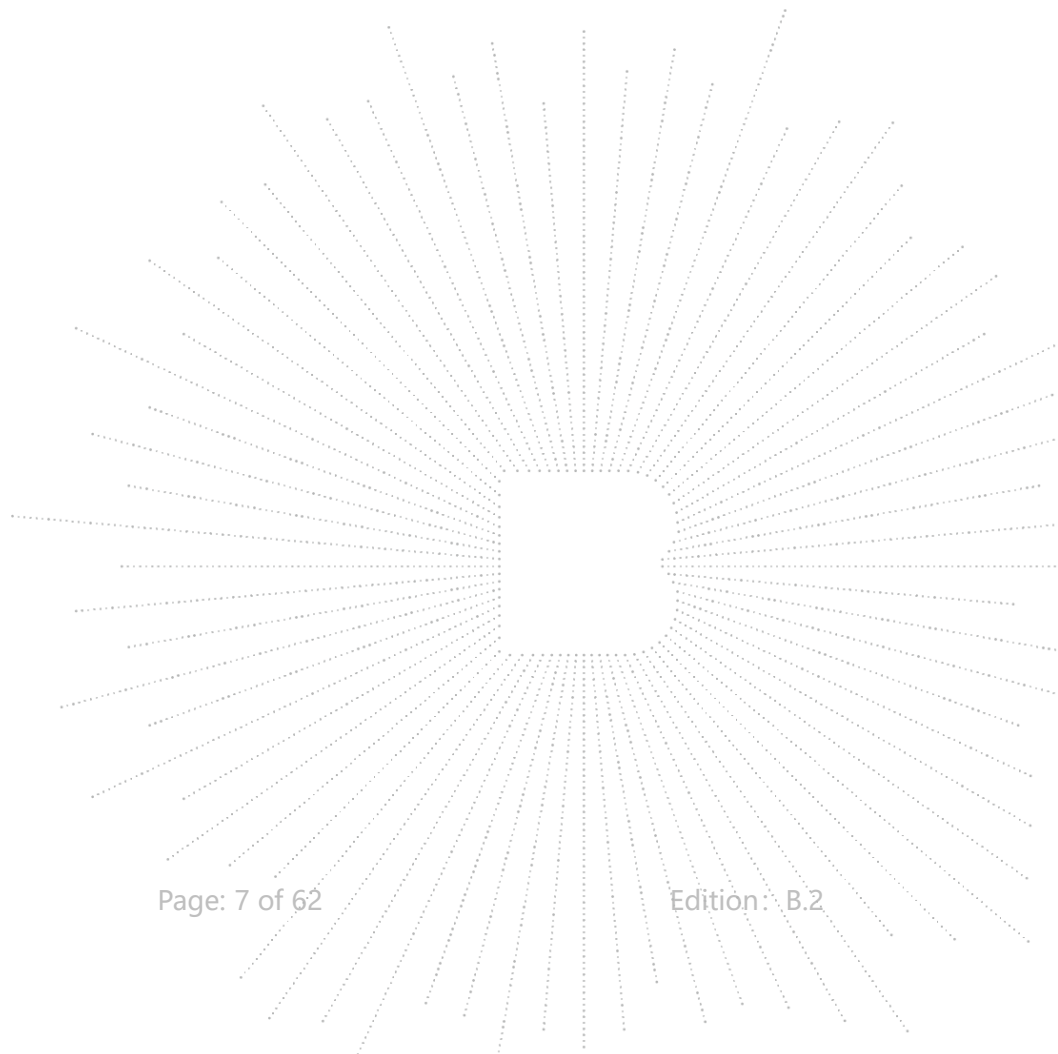
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	24.37	-4.94	17.28	PASS
Band12	1.4	23017	1	#Mid	QPSK	24.43	-4.94	17.34	PASS
Band12	1.4	23017	1	#Max	QPSK	24.39	-4.94	17.30	PASS
Band12	1.4	23017	3	#0	QPSK	24.33	-4.94	17.24	PASS
Band12	1.4	23017	3	#Mid	QPSK	24.32	-4.94	17.23	PASS
Band12	1.4	23017	3	#Max	QPSK	24.29	-4.94	17.20	PASS
Band12	1.4	23017	6	#0	QPSK	23.26	-4.94	16.17	PASS
Band12	1.4	23017	1	#0	16QAM	24.62	-4.94	17.53	PASS
Band12	1.4	23017	1	#Mid	16QAM	24.70	-4.94	17.61	PASS
Band12	1.4	23017	1	#Max	16QAM	24.66	-4.94	17.57	PASS
Band12	1.4	23017	3	#0	16QAM	23.67	-4.94	16.58	PASS
Band12	1.4	23017	3	#Mid	16QAM	23.68	-4.94	16.59	PASS
Band12	1.4	23017	3	#Max	16QAM	23.71	-4.94	16.62	PASS
Band12	1.4	23017	6	#0	16QAM	22.57	-4.94	15.48	PASS
Band12	1.4	23095	1	#0	QPSK	24.59	-4.94	17.50	PASS
Band12	1.4	23095	1	#Mid	QPSK	24.64	-4.94	17.55	PASS
Band12	1.4	23095	1	#Max	QPSK	24.58	-4.94	17.49	PASS
Band12	1.4	23095	3	#0	QPSK	24.46	-4.94	17.37	PASS
Band12	1.4	23095	3	#Mid	QPSK	24.52	-4.94	17.43	PASS
Band12	1.4	23095	3	#Max	QPSK	24.44	-4.94	17.35	PASS
Band12	1.4	23095	6	#0	QPSK	23.58	-4.94	16.49	PASS
Band12	1.4	23095	1	#0	16QAM	23.43	-4.94	16.34	PASS
Band12	1.4	23095	1	#Mid	16QAM	23.64	-4.94	16.55	PASS
Band12	1.4	23095	1	#Max	16QAM	23.63	-4.94	16.54	PASS
Band12	1.4	23095	3	#0	16QAM	23.59	-4.94	16.50	PASS
Band12	1.4	23095	3	#Mid	16QAM	23.55	-4.94	16.46	PASS
Band12	1.4	23095	3	#Max	16QAM	23.61	-4.94	16.52	PASS
Band12	1.4	23095	6	#0	16QAM	22.79	-4.94	15.70	PASS
Band12	1.4	23173	1	#0	QPSK	24.53	-4.94	17.44	PASS
Band12	1.4	23173	1	#Mid	QPSK	24.67	-4.94	17.58	PASS
Band12	1.4	23173	1	#Max	QPSK	24.74	-4.94	17.65	PASS
Band12	1.4	23173	3	#0	QPSK	24.53	-4.94	17.44	PASS
Band12	1.4	23173	3	#Mid	QPSK	24.55	-4.94	17.46	PASS
Band12	1.4	23173	3	#Max	QPSK	24.56	-4.94	17.47	PASS
Band12	1.4	23173	6	#0	QPSK	23.62	-4.94	16.53	PASS
Band12	1.4	23173	1	#0	16QAM	23.58	-4.94	16.49	PASS

Band12	1.4	23173	1	#Mid	16QAM	23.59	-4.94	16.50	PASS
Band12	1.4	23173	1	#Max	16QAM	23.57	-4.94	16.48	PASS
Band12	1.4	23173	3	#0	16QAM	23.45	-4.94	16.36	PASS
Band12	1.4	23173	3	#Mid	16QAM	23.45	-4.94	16.36	PASS
Band12	1.4	23173	3	#Max	16QAM	23.54	-4.94	16.45	PASS
Band12	1.4	23173	6	#0	16QAM	22.65	-4.94	15.56	PASS
Band12	3	23025	1	#0	QPSK	24.30	-4.94	17.21	PASS
Band12	3	23025	1	#Mid	QPSK	24.24	-4.94	17.15	PASS
Band12	3	23025	1	#Max	QPSK	24.41	-4.94	17.32	PASS
Band12	3	23025	8	#0	QPSK	23.66	-4.94	16.57	PASS
Band12	3	23025	8	#Mid	QPSK	23.51	-4.94	16.42	PASS
Band12	3	23025	8	#Max	QPSK	23.73	-4.94	16.64	PASS
Band12	3	23025	15	#0	QPSK	23.54	-4.94	16.45	PASS
Band12	3	23025	1	#0	16QAM	24.28	-4.94	17.19	PASS
Band12	3	23025	1	#Mid	16QAM	24.23	-4.94	17.14	PASS
Band12	3	23025	1	#Max	16QAM	24.21	-4.94	17.12	PASS
Band12	3	23025	8	#0	16QAM	22.39	-4.94	15.30	PASS
Band12	3	23025	8	#Mid	16QAM	22.44	-4.94	15.35	PASS
Band12	3	23025	8	#Max	16QAM	22.28	-4.94	15.19	PASS
Band12	3	23025	15	#0	16QAM	22.47	-4.94	15.38	PASS
Band12	3	23095	1	#0	QPSK	24.56	-4.94	17.47	PASS
Band12	3	23095	1	#Mid	QPSK	24.66	-4.94	17.57	PASS
Band12	3	23095	1	#Max	QPSK	24.59	-4.94	17.50	PASS
Band12	3	23095	8	#0	QPSK	23.36	-4.94	16.27	PASS
Band12	3	23095	8	#Mid	QPSK	23.57	-4.94	16.48	PASS
Band12	3	23095	8	#Max	QPSK	23.60	-4.94	16.51	PASS
Band12	3	23095	15	#0	QPSK	23.59	-4.94	16.50	PASS
Band12	3	23095	1	#0	16QAM	23.54	-4.94	16.45	PASS
Band12	3	23095	1	#Mid	16QAM	23.58	-4.94	16.49	PASS
Band12	3	23095	1	#Max	16QAM	23.42	-4.94	16.33	PASS
Band12	3	23095	8	#0	16QAM	22.45	-4.94	15.36	PASS
Band12	3	23095	8	#Mid	16QAM	22.66	-4.94	15.57	PASS
Band12	3	23095	8	#Max	16QAM	22.59	-4.94	15.50	PASS
Band12	3	23095	15	#0	16QAM	22.55	-4.94	15.46	PASS
Band12	3	23165	1	#0	QPSK	24.65	-4.94	17.56	PASS
Band12	3	23165	1	#Mid	QPSK	24.60	-4.94	17.51	PASS
Band12	3	23165	1	#Max	QPSK	24.55	-4.94	17.46	PASS
Band12	3	23165	8	#0	QPSK	23.59	-4.94	16.50	PASS
Band12	3	23165	8	#Mid	QPSK	23.51	-4.94	16.42	PASS
Band12	3	23165	8	#Max	QPSK	23.55	-4.94	16.46	PASS
Band12	3	23165	15	#0	QPSK	23.56	-4.94	16.47	PASS
Band12	3	23165	1	#0	16QAM	23.65	-4.94	16.56	PASS
Band12	3	23165	1	#Mid	16QAM	23.46	-4.94	16.37	PASS

Band12	3	23165	1	#Max	16QAM	23.64	-4.94	16.55	PASS
Band12	3	23165	8	#0	16QAM	22.68	-4.94	15.59	PASS
Band12	3	23165	8	#Mid	16QAM	22.64	-4.94	15.55	PASS
Band12	3	23165	8	#Max	16QAM	22.59	-4.94	15.50	PASS
Band12	3	23165	15	#0	16QAM	22.67	-4.94	15.58	PASS
Band12	5	23035	1	#0	QPSK	24.27	-4.94	17.18	PASS
Band12	5	23035	1	#Mid	QPSK	24.30	-4.94	17.21	PASS
Band12	5	23035	1	#Max	QPSK	24.29	-4.94	17.20	PASS
Band12	5	23035	12	#0	QPSK	23.44	-4.94	16.35	PASS
Band12	5	23035	12	#Mid	QPSK	23.44	-4.94	16.35	PASS
Band12	5	23035	12	#Max	QPSK	23.43	-4.94	16.34	PASS
Band12	5	23035	25	#0	QPSK	23.49	-4.94	16.40	PASS
Band12	5	23035	1	#0	16QAM	23.55	-4.94	16.46	PASS
Band12	5	23035	1	#Mid	16QAM	23.52	-4.94	16.43	PASS
Band12	5	23035	1	#Max	16QAM	23.66	-4.94	16.57	PASS
Band12	5	23035	12	#0	16QAM	22.31	-4.94	15.22	PASS
Band12	5	23035	12	#Mid	16QAM	22.25	-4.94	15.16	PASS
Band12	5	23035	12	#Max	16QAM	22.22	-4.94	15.13	PASS
Band12	5	23035	25	#0	16QAM	22.56	-4.94	15.47	PASS
Band12	5	23095	1	#0	QPSK	24.47	-4.94	17.38	PASS
Band12	5	23095	1	#Mid	QPSK	24.40	-4.94	17.31	PASS
Band12	5	23095	1	#Max	QPSK	24.59	-4.94	17.50	PASS
Band12	5	23095	12	#0	QPSK	23.60	-4.94	16.51	PASS
Band12	5	23095	12	#Mid	QPSK	23.63	-4.94	16.54	PASS
Band12	5	23095	12	#Max	QPSK	23.52	-4.94	16.43	PASS
Band12	5	23095	25	#0	QPSK	23.59	-4.94	16.50	PASS
Band12	5	23095	1	#0	16QAM	23.54	-4.94	16.45	PASS
Band12	5	23095	1	#Mid	16QAM	23.67	-4.94	16.58	PASS
Band12	5	23095	1	#Max	16QAM	23.62	-4.94	16.53	PASS
Band12	5	23095	12	#0	16QAM	22.27	-4.94	15.18	PASS
Band12	5	23095	12	#Mid	16QAM	22.44	-4.94	15.35	PASS
Band12	5	23095	12	#Max	16QAM	22.55	-4.94	15.46	PASS
Band12	5	23095	25	#0	16QAM	22.70	-4.94	15.61	PASS
Band12	5	23155	1	#0	QPSK	24.36	-4.94	17.27	PASS
Band12	5	23155	1	#Mid	QPSK	24.39	-4.94	17.30	PASS
Band12	5	23155	1	#Max	QPSK	24.42	-4.94	17.33	PASS
Band12	5	23155	12	#0	QPSK	23.46	-4.94	16.37	PASS
Band12	5	23155	12	#Mid	QPSK	23.54	-4.94	16.45	PASS
Band12	5	23155	12	#Max	QPSK	23.55	-4.94	16.46	PASS
Band12	5	23155	25	#0	QPSK	23.56	-4.94	16.47	PASS
Band12	5	23155	1	#0	16QAM	24.06	-4.94	16.97	PASS
Band12	5	23155	1	#Mid	16QAM	24.02	-4.94	16.93	PASS
Band12	5	23155	1	#Max	16QAM	24.05	-4.94	16.96	PASS

Band12	5	23155	12	#0	16QAM	22.88	-4.94	15.79	PASS
Band12	5	23155	12	#Mid	16QAM	22.47	-4.94	15.38	PASS
Band12	5	23155	12	#Max	16QAM	22.42	-4.94	15.33	PASS
Band12	5	23155	25	#0	16QAM	22.69	-4.94	15.60	PASS
Band12	10	23060	1	#0	QPSK	24.35	-4.94	17.26	PASS
Band12	10	23060	1	#Mid	QPSK	24.39	-4.94	17.30	PASS
Band12	10	23060	1	#Max	QPSK	24.49	-4.94	17.40	PASS
Band12	10	23060	25	#0	QPSK	23.41	-4.94	16.32	PASS
Band12	10	23060	25	#Mid	QPSK	23.56	-4.94	16.47	PASS
Band12	10	23060	25	#Max	QPSK	23.52	-4.94	16.43	PASS
Band12	10	23060	50	#0	QPSK	23.49	-4.94	16.40	PASS
Band12	10	23060	1	#0	16QAM	24.44	-4.94	17.35	PASS
Band12	10	23060	1	#Mid	16QAM	24.47	-4.94	17.38	PASS
Band12	10	23060	1	#Max	16QAM	24.69	-4.94	17.60	PASS
Band12	10	23060	25	#0	16QAM	22.29	-4.94	15.20	PASS
Band12	10	23060	25	#Mid	16QAM	22.44	-4.94	15.35	PASS
Band12	10	23060	25	#Max	16QAM	22.45	-4.94	15.36	PASS
Band12	10	23060	50	#0	16QAM	22.43	-4.94	15.34	PASS
Band12	10	23095	1	#0	QPSK	24.44	-4.94	17.35	PASS
Band12	10	23095	1	#Mid	QPSK	24.51	-4.94	17.42	PASS
Band12	10	23095	1	#Max	QPSK	24.62	-4.94	17.53	PASS
Band12	10	23095	25	#0	QPSK	23.57	-4.94	16.48	PASS
Band12	10	23095	25	#Mid	QPSK	23.60	-4.94	16.51	PASS
Band12	10	23095	25	#Max	QPSK	23.53	-4.94	16.44	PASS
Band12	10	23095	50	#0	QPSK	23.58	-4.94	16.49	PASS
Band12	10	23095	1	#0	16QAM	24.08	-4.94	16.99	PASS
Band12	10	23095	1	#Mid	16QAM	24.27	-4.94	17.18	PASS
Band12	10	23095	1	#Max	16QAM	24.20	-4.94	17.11	PASS
Band12	10	23095	25	#0	16QAM	22.45	-4.94	15.36	PASS
Band12	10	23095	25	#Mid	16QAM	22.71	-4.94	15.62	PASS
Band12	10	23095	25	#Max	16QAM	22.99	-4.94	15.90	PASS
Band12	10	23095	50	#0	16QAM	22.72	-4.94	15.63	PASS
Band12	10	23130	1	#0	QPSK	24.42	-4.94	17.33	PASS
Band12	10	23130	1	#Mid	QPSK	24.47	-4.94	17.38	PASS
Band12	10	23130	1	#Max	QPSK	24.58	-4.94	17.49	PASS
Band12	10	23130	25	#0	QPSK	23.55	-4.94	16.46	PASS
Band12	10	23130	25	#Mid	QPSK	23.50	-4.94	16.41	PASS
Band12	10	23130	25	#Max	QPSK	23.70	-4.94	16.61	PASS
Band12	10	23130	50	#0	QPSK	23.58	-4.94	16.49	PASS
Band12	10	23130	1	#0	16QAM	23.85	-4.94	16.76	PASS
Band12	10	23130	1	#Mid	16QAM	23.81	-4.94	16.72	PASS
Band12	10	23130	1	#Max	16QAM	24.02	-4.94	16.93	PASS
Band12	10	23130	25	#0	16QAM	22.64	-4.94	15.55	PASS

Band12	10	23130	25	#Mid	16QAM	23.01	-4.94	15.92	PASS
Band12	10	23130	25	#Max	16QAM	22.69	-4.94	15.60	PASS
Band12	10	23130	50	#0	16QAM	22.92	-4.94	15.83	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	-0.82	-0.001	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	-5.38	-0.008	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	-11.20	-0.016	PASS
Band12	1.4	23017	6	#0	16QAM	LV	NT	-19.97	-0.029	PASS
Band12	1.4	23017	6	#0	16QAM	NV	NT	-25.03	-0.036	PASS
Band12	1.4	23017	6	#0	16QAM	HV	NT	-27.71	-0.040	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	0.86	0.001	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	-3.75	-0.005	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	-7.71	-0.011	PASS
Band12	1.4	23095	6	#0	16QAM	LV	NT	-9.70	-0.014	PASS
Band12	1.4	23095	6	#0	16QAM	NV	NT	-10.37	-0.015	PASS
Band12	1.4	23095	6	#0	16QAM	HV	NT	-10.59	-0.015	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	-4.85	-0.007	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	-19.83	-0.028	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	-30.57	-0.043	PASS
Band12	1.4	23173	6	#0	16QAM	LV	NT	-41.74	-0.058	PASS
Band12	1.4	23173	6	#0	16QAM	NV	NT	-46.89	-0.066	PASS
Band12	1.4	23173	6	#0	16QAM	HV	NT	-1.86	-0.003	PASS
Band12	3	23025	15	#0	QPSK	LV	NT	-2.22	-0.003	PASS
Band12	3	23025	15	#0	QPSK	NV	NT	-11.43	-0.016	PASS
Band12	3	23025	15	#0	QPSK	HV	NT	-20.37	-0.029	PASS
Band12	3	23025	15	#0	16QAM	LV	NT	-29.61	-0.042	PASS
Band12	3	23025	15	#0	16QAM	NV	NT	-35.91	-0.051	PASS
Band12	3	23025	15	#0	16QAM	HV	NT	-40.90	-0.058	PASS
Band12	3	23095	15	#0	QPSK	LV	NT	-8.74	-0.012	PASS
Band12	3	23095	15	#0	QPSK	NV	NT	-18.08	-0.026	PASS
Band12	3	23095	15	#0	QPSK	HV	NT	-22.96	-0.032	PASS
Band12	3	23095	15	#0	16QAM	LV	NT	-28.80	-0.041	PASS
Band12	3	23095	15	#0	16QAM	NV	NT	-32.77	-0.046	PASS
Band12	3	23095	15	#0	16QAM	HV	NT	-33.14	-0.047	PASS
Band12	3	23165	15	#0	QPSK	LV	NT	-7.40	-0.010	PASS
Band12	3	23165	15	#0	QPSK	NV	NT	-20.50	-0.029	PASS
Band12	3	23165	15	#0	QPSK	HV	NT	-33.36	-0.047	PASS
Band12	3	23165	15	#0	16QAM	LV	NT	-47.11	-0.066	PASS
Band12	3	23165	15	#0	16QAM	NV	NT	2.03	0.003	PASS
Band12	3	23165	15	#0	16QAM	HV	NT	-1.63	-0.002	PASS
Band12	5	23035	25	#0	QPSK	LV	NT	-21.20	-0.030	PASS
Band12	5	23035	25	#0	QPSK	NV	NT	-19.31	-0.028	PASS

Band12	5	23035	25	#0	QPSK	HV	NT	-21.70	-0.031	PASS
Band12	5	23035	25	#0	16QAM	LV	NT	-37.64	-0.054	PASS
Band12	5	23035	25	#0	16QAM	NV	NT	-14.56	-0.021	PASS
Band12	5	23035	25	#0	16QAM	HV	NT	-33.52	-0.048	PASS
Band12	5	23095	25	#0	QPSK	LV	NT	-21.33	-0.030	PASS
Band12	5	23095	25	#0	QPSK	NV	NT	-42.53	-0.060	PASS
Band12	5	23095	25	#0	QPSK	HV	NT	-20.37	-0.029	PASS
Band12	5	23095	25	#0	16QAM	LV	NT	-36.31	-0.051	PASS
Band12	5	23095	25	#0	16QAM	NV	NT	-46.48	-0.066	PASS
Band12	5	23095	25	#0	16QAM	HV	NT	-6.01	-0.008	PASS
Band12	5	23155	25	#0	QPSK	LV	NT	-15.21	-0.021	PASS
Band12	5	23155	25	#0	QPSK	NV	NT	-30.17	-0.042	PASS
Band12	5	23155	25	#0	QPSK	HV	NT	-44.66	-0.063	PASS
Band12	5	23155	25	#0	16QAM	LV	NT	-10.61	-0.015	PASS
Band12	5	23155	25	#0	16QAM	NV	NT	-20.67	-0.029	PASS
Band12	5	23155	25	#0	16QAM	HV	NT	-28.17	-0.039	PASS
Band12	10	23060	50	#0	QPSK	LV	NT	-5.55	-0.008	PASS
Band12	10	23060	50	#0	QPSK	NV	NT	-29.03	-0.041	PASS
Band12	10	23060	50	#0	QPSK	HV	NT	-29.37	-0.042	PASS
Band12	10	23060	50	#0	16QAM	LV	NT	-9.00	-0.013	PASS
Band12	10	23060	50	#0	16QAM	NV	NT	-15.98	-0.023	PASS
Band12	10	23060	50	#0	16QAM	HV	NT	-19.61	-0.028	PASS
Band12	10	23095	50	#0	QPSK	LV	NT	2.16	0.003	PASS
Band12	10	23095	50	#0	QPSK	NV	NT	-7.91	-0.011	PASS
Band12	10	23095	50	#0	QPSK	HV	NT	-15.89	-0.022	PASS
Band12	10	23095	50	#0	16QAM	LV	NT	-22.93	-0.032	PASS
Band12	10	23095	50	#0	16QAM	NV	NT	-25.29	-0.036	PASS
Band12	10	23095	50	#0	16QAM	HV	NT	-26.26	-0.037	PASS
Band12	10	23130	50	#0	QPSK	LV	NT	2.20	0.003	PASS
Band12	10	23130	50	#0	QPSK	NV	NT	-5.49	-0.008	PASS
Band12	10	23130	50	#0	QPSK	HV	NT	-13.80	-0.019	PASS
Band12	10	23130	50	#0	16QAM	LV	NT	-25.35	-0.036	PASS
Band12	10	23130	50	#0	16QAM	NV	NT	-31.53	-0.044	PASS
Band12	10	23130	50	#0	16QAM	HV	NT	-37.08	-0.052	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	17.55	0.025	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-20	12.86	0.018	PASS
Band12	1.4	23017	6	#0	QPSK	NV	0	2.40	0.003	PASS
Band12	1.4	23017	6	#0	QPSK	NV	10	-7.87	-0.011	PASS
Band12	1.4	23017	6	#0	QPSK	NV	20	-19.63	-0.028	PASS
Band12	1.4	23017	6	#0	QPSK	NV	30	-31.10	-0.044	PASS

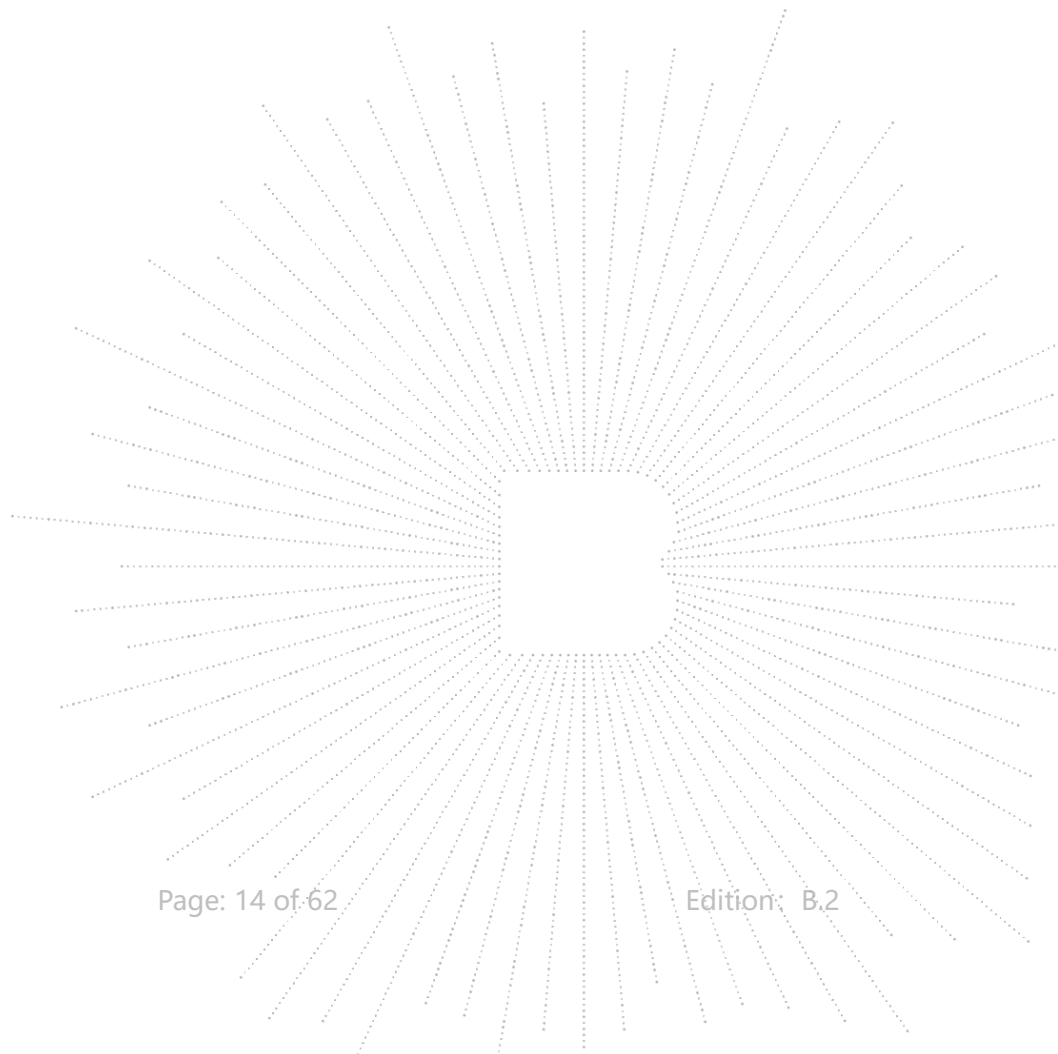
Band12	1.4	23017	6	#0	QPSK	NV	40	-47.29	-0.068	PASS
Band12	1.4	23017	6	#0	QPSK	NV	50	0.73	0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-30	-11.53	-0.016	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-20	-17.88	-0.026	PASS
Band12	1.4	23017	6	#0	16QAM	NV	0	-21.39	-0.031	PASS
Band12	1.4	23017	6	#0	16QAM	NV	10	-25.62	-0.037	PASS
Band12	1.4	23017	6	#0	16QAM	NV	20	-28.25	-0.040	PASS
Band12	1.4	23017	6	#0	16QAM	NV	30	-30.26	-0.043	PASS
Band12	1.4	23017	6	#0	16QAM	NV	40	-33.95	-0.049	PASS
Band12	1.4	23017	6	#0	16QAM	NV	50	-35.98	-0.051	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-30	0.00	0.000	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-20	-5.51	-0.008	PASS
Band12	1.4	23095	6	#0	QPSK	NV	0	-11.19	-0.016	PASS
Band12	1.4	23095	6	#0	QPSK	NV	10	-15.48	-0.022	PASS
Band12	1.4	23095	6	#0	QPSK	NV	20	-18.90	-0.027	PASS
Band12	1.4	23095	6	#0	QPSK	NV	30	-22.46	-0.032	PASS
Band12	1.4	23095	6	#0	QPSK	NV	40	-24.13	-0.034	PASS
Band12	1.4	23095	6	#0	QPSK	NV	50	-27.71	-0.039	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-30	-30.38	-0.043	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-20	-30.70	-0.043	PASS
Band12	1.4	23095	6	#0	16QAM	NV	0	-30.83	-0.044	PASS
Band12	1.4	23095	6	#0	16QAM	NV	10	-29.80	-0.042	PASS
Band12	1.4	23095	6	#0	16QAM	NV	20	-28.31	-0.040	PASS
Band12	1.4	23095	6	#0	16QAM	NV	30	-27.61	-0.039	PASS
Band12	1.4	23095	6	#0	16QAM	NV	40	-26.42	-0.037	PASS
Band12	1.4	23095	6	#0	16QAM	NV	50	-26.56	-0.038	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-30	3.79	0.005	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-20	-11.56	-0.016	PASS
Band12	1.4	23173	6	#0	QPSK	NV	0	-25.31	-0.035	PASS
Band12	1.4	23173	6	#0	QPSK	NV	10	-37.84	-0.053	PASS
Band12	1.4	23173	6	#0	QPSK	NV	20	-35.65	-0.050	PASS
Band12	1.4	23173	6	#0	QPSK	NV	30	-14.16	-0.020	PASS
Band12	1.4	23173	6	#0	QPSK	NV	40	-24.18	-0.034	PASS
Band12	1.4	23173	6	#0	QPSK	NV	50	-34.73	-0.049	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-30	-43.23	-0.060	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-20	-48.79	-0.068	PASS
Band12	1.4	23173	6	#0	16QAM	NV	0	-2.76	-0.004	PASS
Band12	1.4	23173	6	#0	16QAM	NV	10	-5.02	-0.007	PASS
Band12	1.4	23173	6	#0	16QAM	NV	20	-8.57	-0.012	PASS
Band12	1.4	23173	6	#0	16QAM	NV	30	-10.91	-0.015	PASS
Band12	1.4	23173	6	#0	16QAM	NV	40	-13.29	-0.019	PASS
Band12	1.4	23173	6	#0	16QAM	NV	50	-15.39	-0.022	PASS
Band12	3	23025	15	#0	QPSK	NV	-30	31.39	0.045	PASS

Band12	3	23025	15	#0	QPSK	NV	-20	19.23	0.027	PASS
Band12	3	23025	15	#0	QPSK	NV	0	1.42	0.002	PASS
Band12	3	23025	15	#0	QPSK	NV	10	-18.15	-0.026	PASS
Band12	3	23025	15	#0	QPSK	NV	20	-31.16	-0.044	PASS
Band12	3	23025	15	#0	QPSK	NV	30	-40.66	-0.058	PASS
Band12	3	23025	15	#0	QPSK	NV	40	-49.01	-0.070	PASS
Band12	3	23025	15	#0	QPSK	NV	50	-9.31	-0.013	PASS
Band12	3	23025	15	#0	16QAM	NV	-30	-17.27	-0.025	PASS
Band12	3	23025	15	#0	16QAM	NV	-20	-19.86	-0.028	PASS
Band12	3	23025	15	#0	16QAM	NV	0	-20.76	-0.030	PASS
Band12	3	23025	15	#0	16QAM	NV	10	-21.21	-0.030	PASS
Band12	3	23025	15	#0	16QAM	NV	20	-20.53	-0.029	PASS
Band12	3	23025	15	#0	16QAM	NV	30	-21.26	-0.030	PASS
Band12	3	23025	15	#0	16QAM	NV	40	-21.63	-0.031	PASS
Band12	3	23025	15	#0	16QAM	NV	50	-21.24	-0.030	PASS
Band12	3	23095	15	#0	QPSK	NV	-30	4.16	0.006	PASS
Band12	3	23095	15	#0	QPSK	NV	-20	-2.36	-0.003	PASS
Band12	3	23095	15	#0	QPSK	NV	0	-6.62	-0.009	PASS
Band12	3	23095	15	#0	QPSK	NV	10	-10.54	-0.015	PASS
Band12	3	23095	15	#0	QPSK	NV	20	-13.25	-0.019	PASS
Band12	3	23095	15	#0	QPSK	NV	30	-17.42	-0.025	PASS
Band12	3	23095	15	#0	QPSK	NV	40	-19.87	-0.028	PASS
Band12	3	23095	15	#0	QPSK	NV	50	-23.02	-0.033	PASS
Band12	3	23095	15	#0	16QAM	NV	-30	-25.45	-0.036	PASS
Band12	3	23095	15	#0	16QAM	NV	-20	-25.12	-0.036	PASS
Band12	3	23095	15	#0	16QAM	NV	0	-23.83	-0.034	PASS
Band12	3	23095	15	#0	16QAM	NV	10	-22.19	-0.031	PASS
Band12	3	23095	15	#0	16QAM	NV	20	-20.76	-0.029	PASS
Band12	3	23095	15	#0	16QAM	NV	30	-18.81	-0.027	PASS
Band12	3	23095	15	#0	16QAM	NV	40	-16.99	-0.024	PASS
Band12	3	23095	15	#0	16QAM	NV	50	-15.23	-0.022	PASS
Band12	3	23165	15	#0	QPSK	NV	-30	3.96	0.006	PASS
Band12	3	23165	15	#0	QPSK	NV	-20	-5.31	-0.007	PASS
Band12	3	23165	15	#0	QPSK	NV	0	-18.25	-0.026	PASS
Band12	3	23165	15	#0	QPSK	NV	10	-29.30	-0.041	PASS
Band12	3	23165	15	#0	QPSK	NV	20	-40.23	-0.056	PASS
Band12	3	23165	15	#0	QPSK	NV	30	-4.68	-0.007	PASS
Band12	3	23165	15	#0	QPSK	NV	40	-13.73	-0.019	PASS
Band12	3	23165	15	#0	QPSK	NV	50	-21.54	-0.030	PASS
Band12	3	23165	15	#0	16QAM	NV	-30	-29.78	-0.042	PASS
Band12	3	23165	15	#0	16QAM	NV	-20	-33.46	-0.047	PASS
Band12	3	23165	15	#0	16QAM	NV	0	-33.87	-0.047	PASS
Band12	3	23165	15	#0	16QAM	NV	10	-35.56	-0.050	PASS

Band12	3	23165	15	#0	16QAM	NV	20	-35.41	-0.050	PASS
Band12	3	23165	15	#0	16QAM	NV	30	-35.09	-0.049	PASS
Band12	3	23165	15	#0	16QAM	NV	40	-36.12	-0.051	PASS
Band12	3	23165	15	#0	16QAM	NV	50	-36.91	-0.052	PASS
Band12	5	23035	25	#0	QPSK	NV	-30	37.34	0.053	PASS
Band12	5	23035	25	#0	QPSK	NV	-20	34.50	0.049	PASS
Band12	5	23035	25	#0	QPSK	NV	0	23.75	0.034	PASS
Band12	5	23035	25	#0	QPSK	NV	10	11.96	0.017	PASS
Band12	5	23035	25	#0	QPSK	NV	20	2.07	0.003	PASS
Band12	5	23035	25	#0	QPSK	NV	30	-8.25	-0.012	PASS
Band12	5	23035	25	#0	QPSK	NV	40	-17.70	-0.025	PASS
Band12	5	23035	25	#0	QPSK	NV	50	-25.15	-0.036	PASS
Band12	5	23035	25	#0	16QAM	NV	-30	-33.66	-0.048	PASS
Band12	5	23035	25	#0	16QAM	NV	-20	-37.06	-0.053	PASS
Band12	5	23035	25	#0	16QAM	NV	0	-37.67	-0.054	PASS
Band12	5	23035	25	#0	16QAM	NV	10	-39.14	-0.056	PASS
Band12	5	23035	25	#0	16QAM	NV	20	-38.52	-0.055	PASS
Band12	5	23035	25	#0	16QAM	NV	30	-38.81	-0.055	PASS
Band12	5	23035	25	#0	16QAM	NV	40	-38.52	-0.055	PASS
Band12	5	23035	25	#0	16QAM	NV	50	-39.15	-0.056	PASS
Band12	5	23095	25	#0	QPSK	NV	-30	3.05	0.004	PASS
Band12	5	23095	25	#0	QPSK	NV	-20	1.30	0.002	PASS
Band12	5	23095	25	#0	QPSK	NV	0	-3.33	-0.005	PASS
Band12	5	23095	25	#0	QPSK	NV	10	-9.03	-0.013	PASS
Band12	5	23095	25	#0	QPSK	NV	20	-16.11	-0.023	PASS
Band12	5	23095	25	#0	QPSK	NV	30	-19.54	-0.028	PASS
Band12	5	23095	25	#0	QPSK	NV	40	-24.86	-0.035	PASS
Band12	5	23095	25	#0	QPSK	NV	50	-28.42	-0.040	PASS
Band12	5	23095	25	#0	16QAM	NV	-30	-31.26	-0.044	PASS
Band12	5	23095	25	#0	16QAM	NV	-20	-31.60	-0.045	PASS
Band12	5	23095	25	#0	16QAM	NV	0	-29.24	-0.041	PASS
Band12	5	23095	25	#0	16QAM	NV	10	-27.94	-0.039	PASS
Band12	5	23095	25	#0	16QAM	NV	20	-25.66	-0.036	PASS
Band12	5	23095	25	#0	16QAM	NV	30	-24.05	-0.034	PASS
Band12	5	23095	25	#0	16QAM	NV	40	-23.00	-0.033	PASS
Band12	5	23095	25	#0	16QAM	NV	50	-21.87	-0.031	PASS
Band12	5	23155	25	#0	QPSK	NV	-30	1.09	0.002	PASS
Band12	5	23155	25	#0	QPSK	NV	-20	-6.15	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	0	-17.58	-0.025	PASS
Band12	5	23155	25	#0	QPSK	NV	10	-28.30	-0.040	PASS
Band12	5	23155	25	#0	QPSK	NV	20	-38.25	-0.054	PASS
Band12	5	23155	25	#0	QPSK	NV	30	-47.79	-0.067	PASS
Band12	5	23155	25	#0	QPSK	NV	40	-2.70	-0.004	PASS

Band12	5	23155	25	#0	QPSK	NV	50	-10.99	-0.015	PASS
Band12	5	23155	25	#0	16QAM	NV	-30	-17.98	-0.025	PASS
Band12	5	23155	25	#0	16QAM	NV	-20	-21.17	-0.030	PASS
Band12	5	23155	25	#0	16QAM	NV	0	-21.07	-0.030	PASS
Band12	5	23155	25	#0	16QAM	NV	10	-21.20	-0.030	PASS
Band12	5	23155	25	#0	16QAM	NV	20	-20.64	-0.029	PASS
Band12	5	23155	25	#0	16QAM	NV	30	-25.28	-0.035	PASS
Band12	5	23155	25	#0	16QAM	NV	40	-25.43	-0.036	PASS
Band12	5	23155	25	#0	16QAM	NV	50	-25.43	-0.036	PASS
Band12	10	23060	50	#0	QPSK	NV	-30	23.59	0.034	PASS
Band12	10	23060	50	#0	QPSK	NV	-20	12.57	0.018	PASS
Band12	10	23060	50	#0	QPSK	NV	0	-4.49	-0.006	PASS
Band12	10	23060	50	#0	QPSK	NV	10	-18.34	-0.026	PASS
Band12	10	23060	50	#0	QPSK	NV	20	-30.73	-0.044	PASS
Band12	10	23060	50	#0	QPSK	NV	30	-43.26	-0.061	PASS
Band12	10	23060	50	#0	QPSK	NV	40	-3.40	-0.005	PASS
Band12	10	23060	50	#0	QPSK	NV	50	-11.82	-0.017	PASS
Band12	10	23060	50	#0	16QAM	NV	-30	-19.51	-0.028	PASS
Band12	10	23060	50	#0	16QAM	NV	-20	-21.66	-0.031	PASS
Band12	10	23060	50	#0	16QAM	NV	0	-22.66	-0.032	PASS
Band12	10	23060	50	#0	16QAM	NV	10	-21.79	-0.031	PASS
Band12	10	23060	50	#0	16QAM	NV	20	-20.67	-0.029	PASS
Band12	10	23060	50	#0	16QAM	NV	30	-20.17	-0.029	PASS
Band12	10	23060	50	#0	16QAM	NV	40	-19.48	-0.028	PASS
Band12	10	23060	50	#0	16QAM	NV	50	-18.93	-0.027	PASS
Band12	10	23095	50	#0	QPSK	NV	-30	-10.33	-0.015	PASS
Band12	10	23095	50	#0	QPSK	NV	-20	-17.88	-0.025	PASS
Band12	10	23095	50	#0	QPSK	NV	0	-25.89	-0.037	PASS
Band12	10	23095	50	#0	QPSK	NV	10	-32.07	-0.045	PASS
Band12	10	23095	50	#0	QPSK	NV	20	-36.84	-0.052	PASS
Band12	10	23095	50	#0	QPSK	NV	30	-40.83	-0.058	PASS
Band12	10	23095	50	#0	QPSK	NV	40	-44.43	-0.063	PASS
Band12	10	23095	50	#0	QPSK	NV	50	-11.52	-0.016	PASS
Band12	10	23095	50	#0	16QAM	NV	-30	-5.45	-0.008	PASS
Band12	10	23095	50	#0	16QAM	NV	-20	-4.29	-0.006	PASS
Band12	10	23095	50	#0	16QAM	NV	0	-2.19	-0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	10	0.82	0.001	PASS
Band12	10	23095	50	#0	16QAM	NV	20	2.23	0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	30	4.06	0.006	PASS
Band12	10	23095	50	#0	16QAM	NV	40	7.01	0.010	PASS
Band12	10	23095	50	#0	16QAM	NV	50	8.30	0.012	PASS
Band12	10	23130	50	#0	QPSK	NV	-30	-9.34	-0.013	PASS
Band12	10	23130	50	#0	QPSK	NV	-20	-15.89	-0.022	PASS

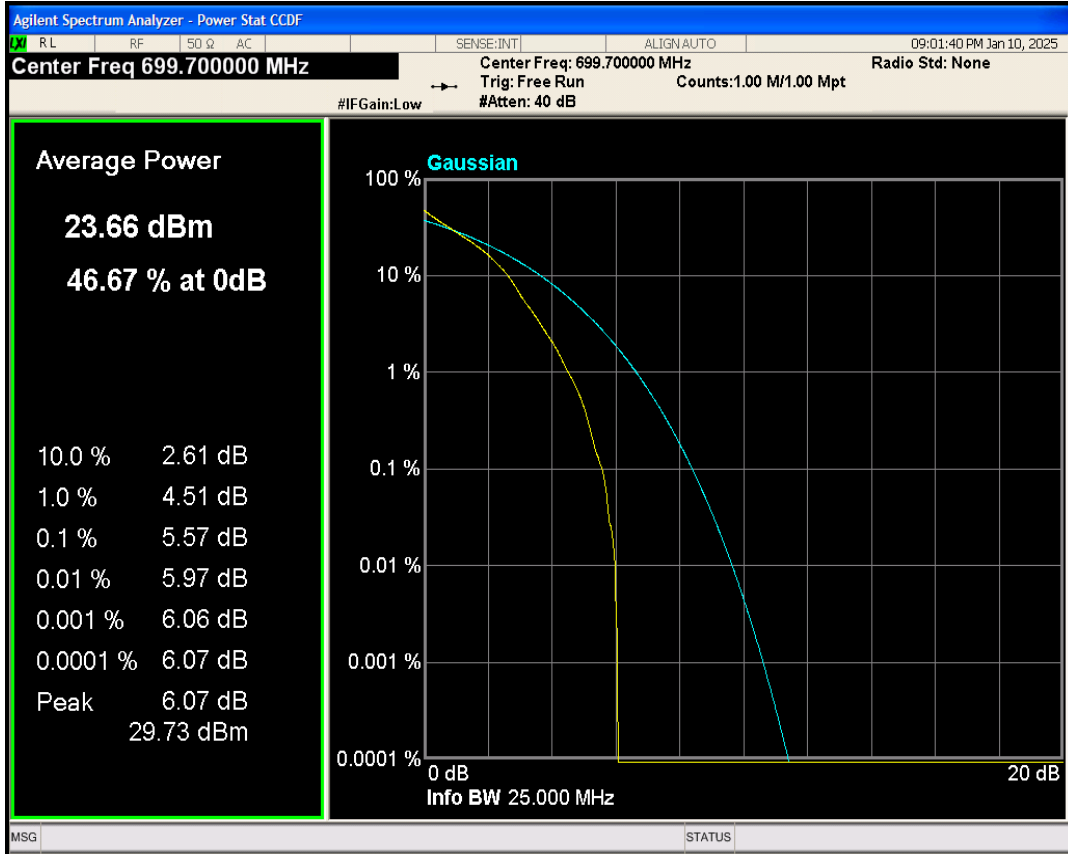
Band12	10	23130	50	#0	QPSK	NV	0	-23.85	-0.034	PASS
Band12	10	23130	50	#0	QPSK	NV	10	-30.63	-0.043	PASS
Band12	10	23130	50	#0	QPSK	NV	20	-38.31	-0.054	PASS
Band12	10	23130	50	#0	QPSK	NV	30	-43.86	-0.062	PASS
Band12	10	23130	50	#0	QPSK	NV	40	-4.19	-0.006	PASS
Band12	10	23130	50	#0	QPSK	NV	50	-9.51	-0.013	PASS
Band12	10	23130	50	#0	16QAM	NV	-30	-13.80	-0.019	PASS
Band12	10	23130	50	#0	16QAM	NV	-20	-14.22	-0.020	PASS
Band12	10	23130	50	#0	16QAM	NV	0	-13.58	-0.019	PASS
Band12	10	23130	50	#0	16QAM	NV	10	-11.80	-0.017	PASS
Band12	10	23130	50	#0	16QAM	NV	20	-11.36	-0.016	PASS
Band12	10	23130	50	#0	16QAM	NV	30	-10.16	-0.014	PASS
Band12	10	23130	50	#0	16QAM	NV	40	-9.23	-0.013	PASS
Band12	10	23130	50	#0	16QAM	NV	50	-8.48	-0.012	PASS



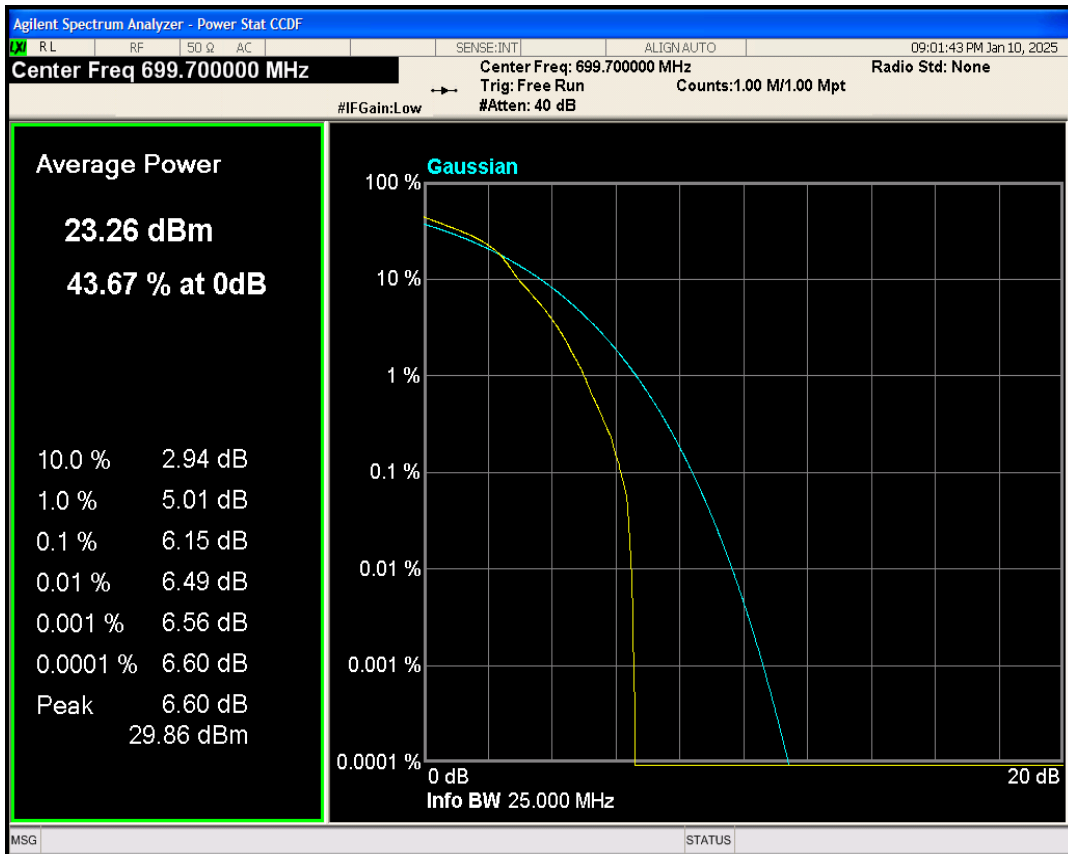
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	5.57	13	PASS
Band12	1.4	23017	1	#0	16QAM	6.15	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.96	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.54	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.36	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.41	13	PASS
Band12	3	23025	1	#0	QPSK	5.27	13	PASS
Band12	3	23025	1	#0	16QAM	6.39	13	PASS
Band12	3	23095	1	#0	QPSK	5.04	13	PASS
Band12	3	23095	1	#0	16QAM	5.68	13	PASS
Band12	3	23165	1	#0	QPSK	4.60	13	PASS
Band12	3	23165	1	#0	16QAM	5.49	13	PASS
Band12	5	23035	1	#0	QPSK	4.51	13	PASS
Band12	5	23035	1	#0	16QAM	6.15	13	PASS
Band12	5	23095	1	#0	QPSK	5.49	13	PASS
Band12	5	23095	1	#0	16QAM	6.16	13	PASS
Band12	5	23155	1	#0	QPSK	4.23	13	PASS
Band12	5	23155	1	#0	16QAM	5.09	13	PASS
Band12	10	23060	1	#0	QPSK	4.59	13	PASS
Band12	10	23060	1	#0	16QAM	6.29	13	PASS
Band12	10	23095	1	#0	QPSK	5.35	13	PASS
Band12	10	23095	1	#0	16QAM	6.42	13	PASS
Band12	10	23130	1	#0	QPSK	4.91	13	PASS
Band12	10	23130	1	#0	16QAM	5.79	13	PASS

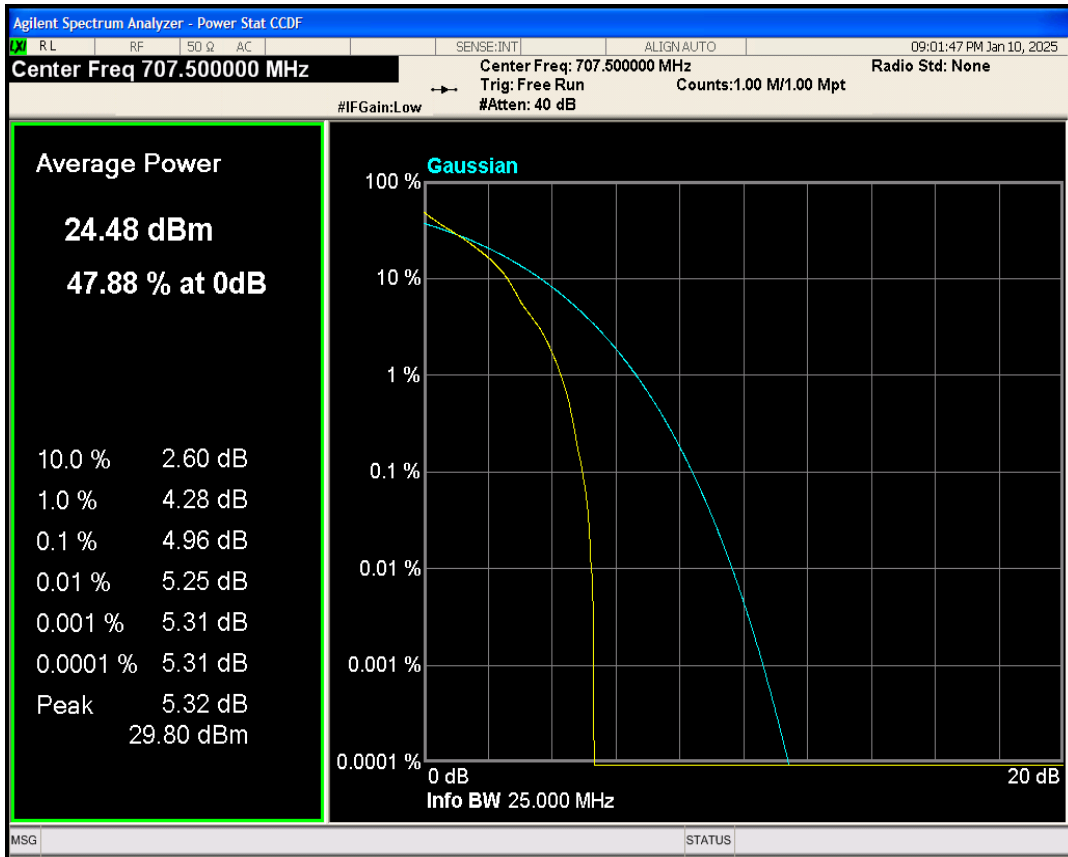
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



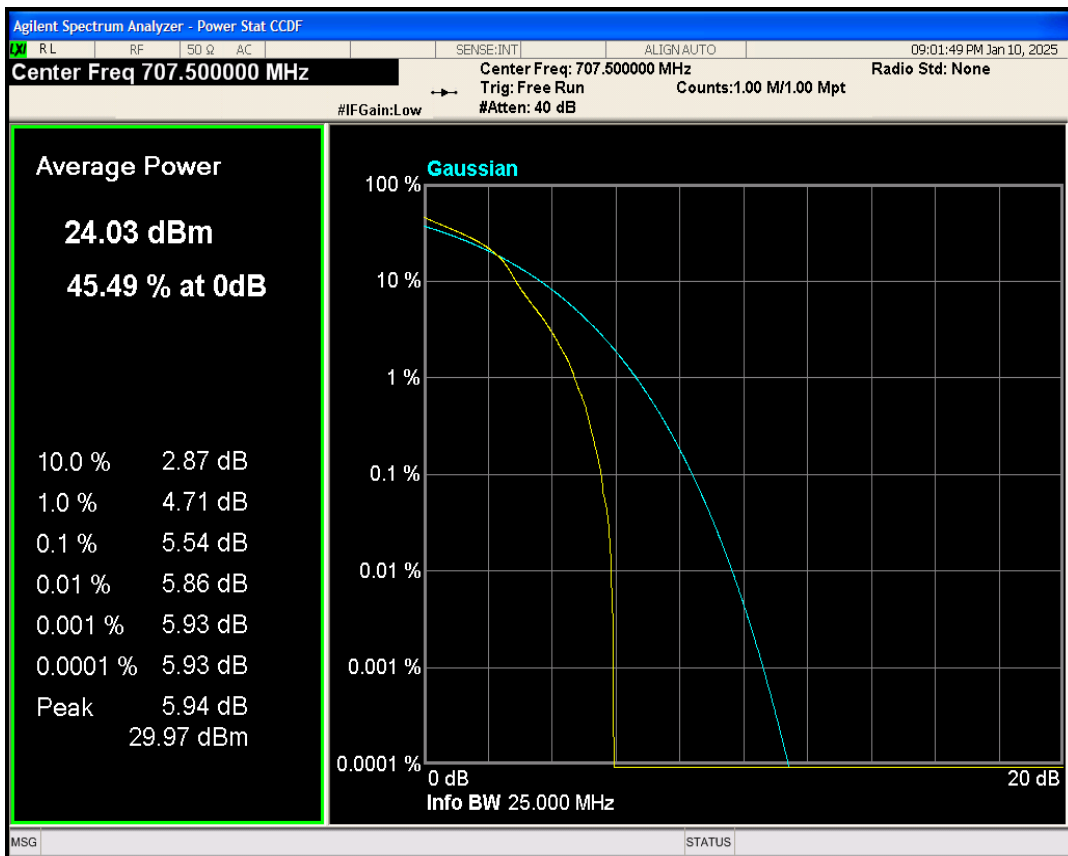
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



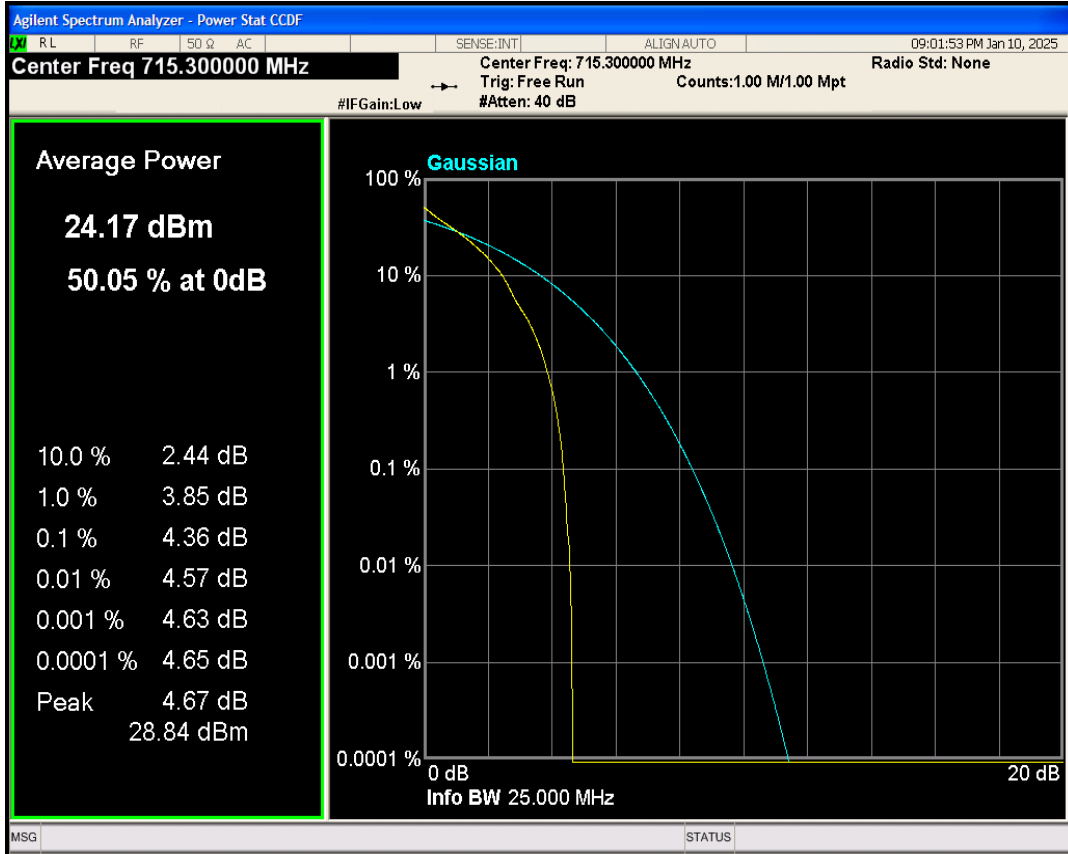
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



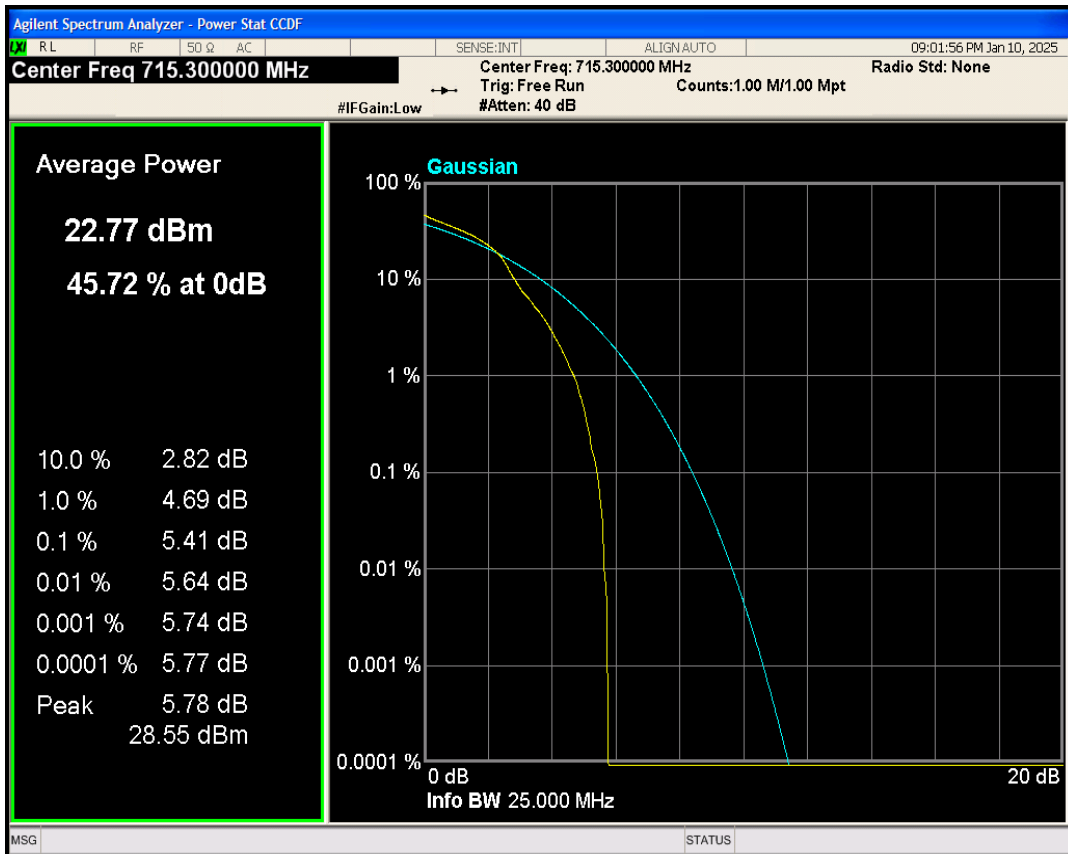
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



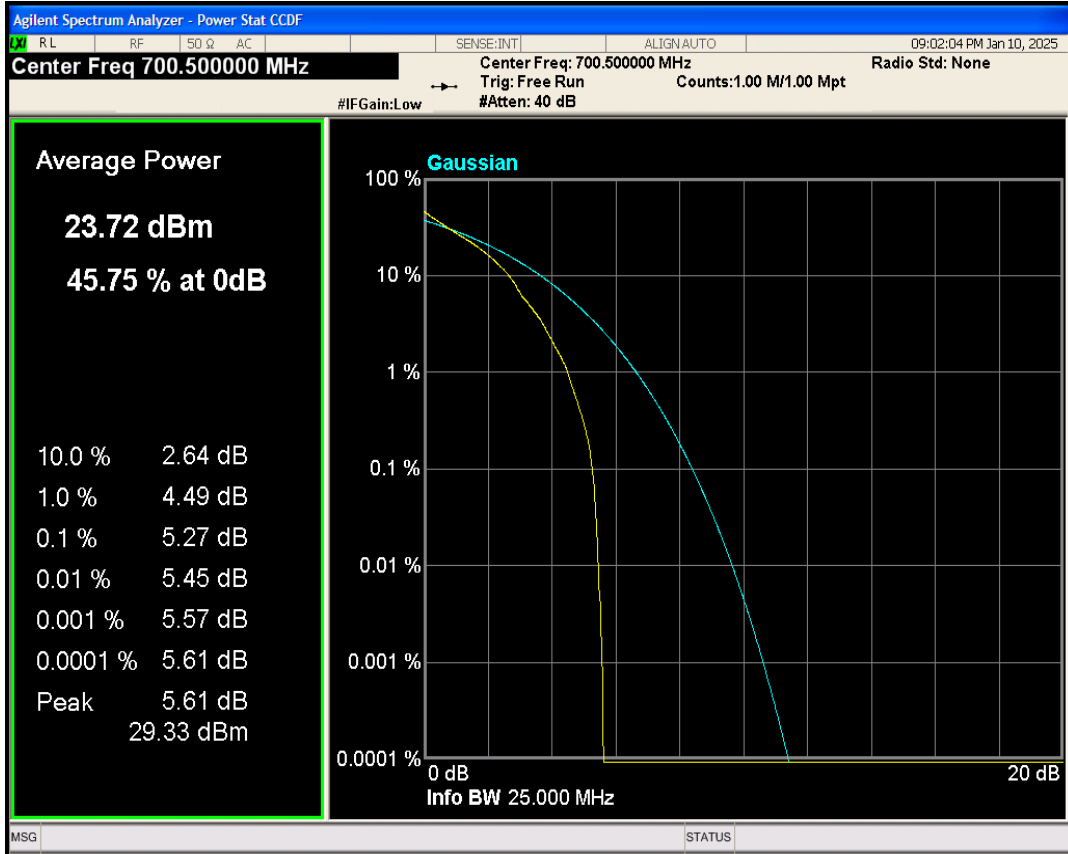
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



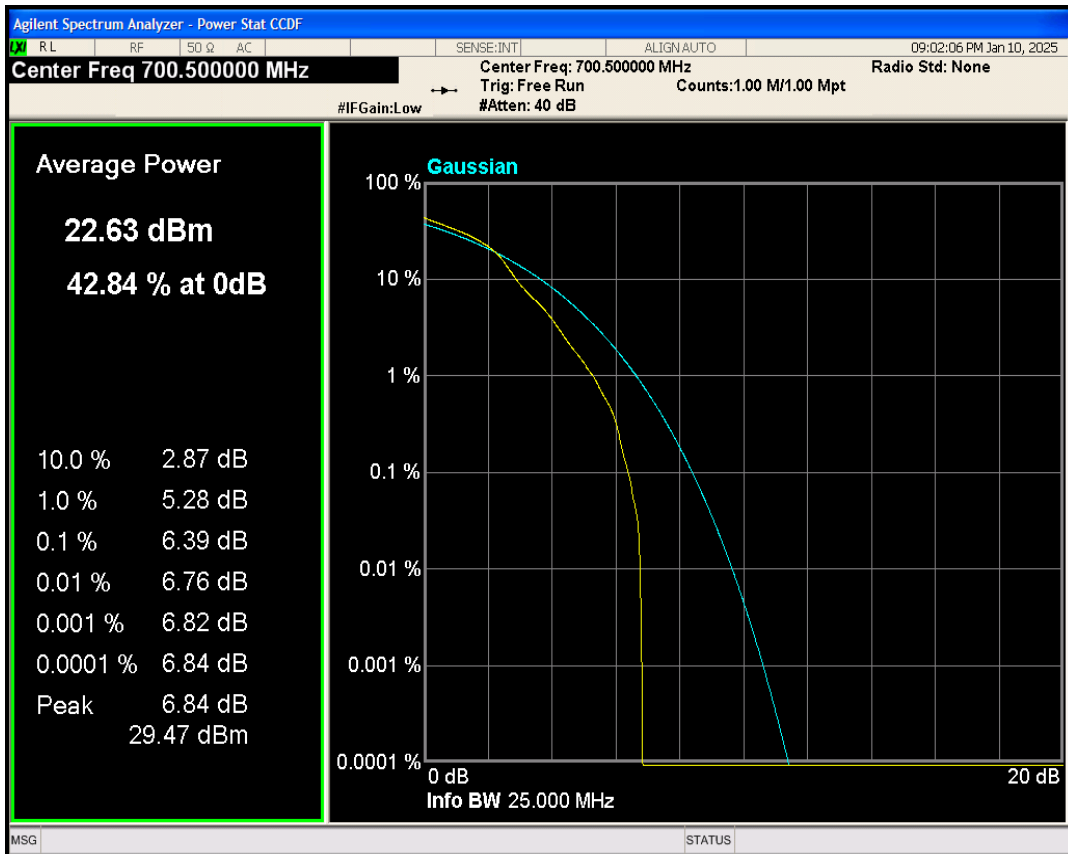
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



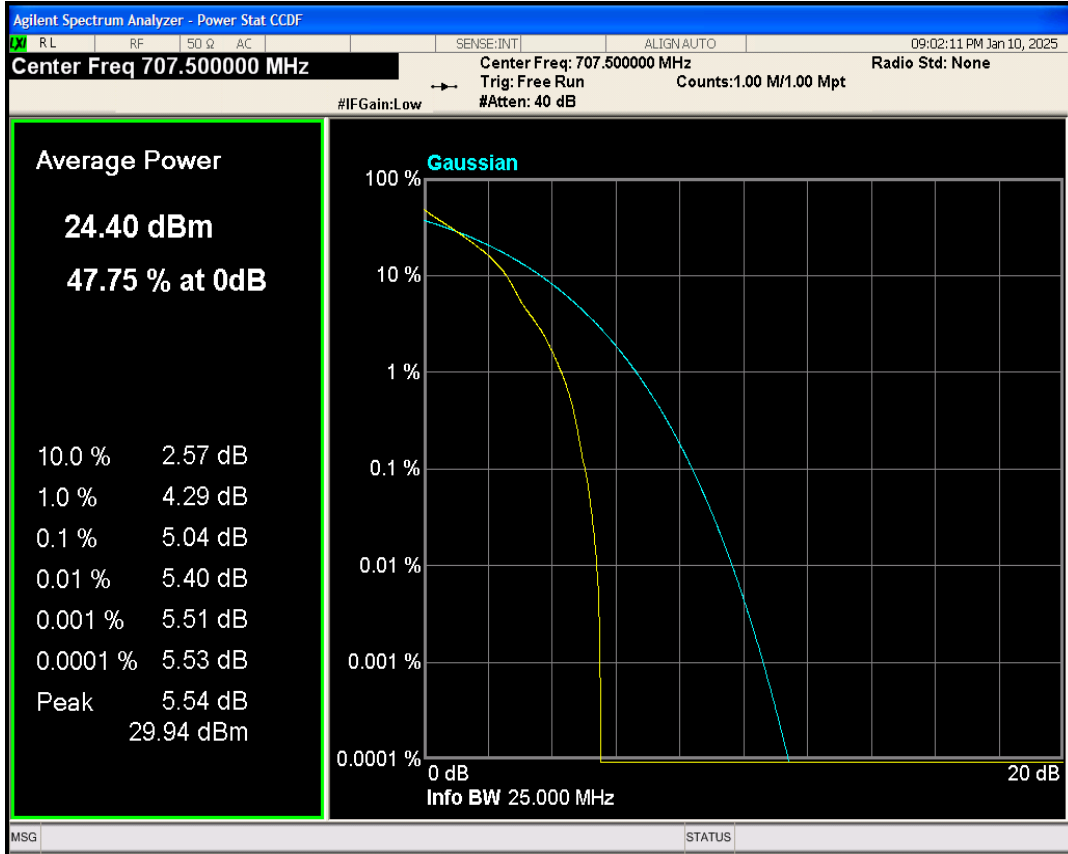
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



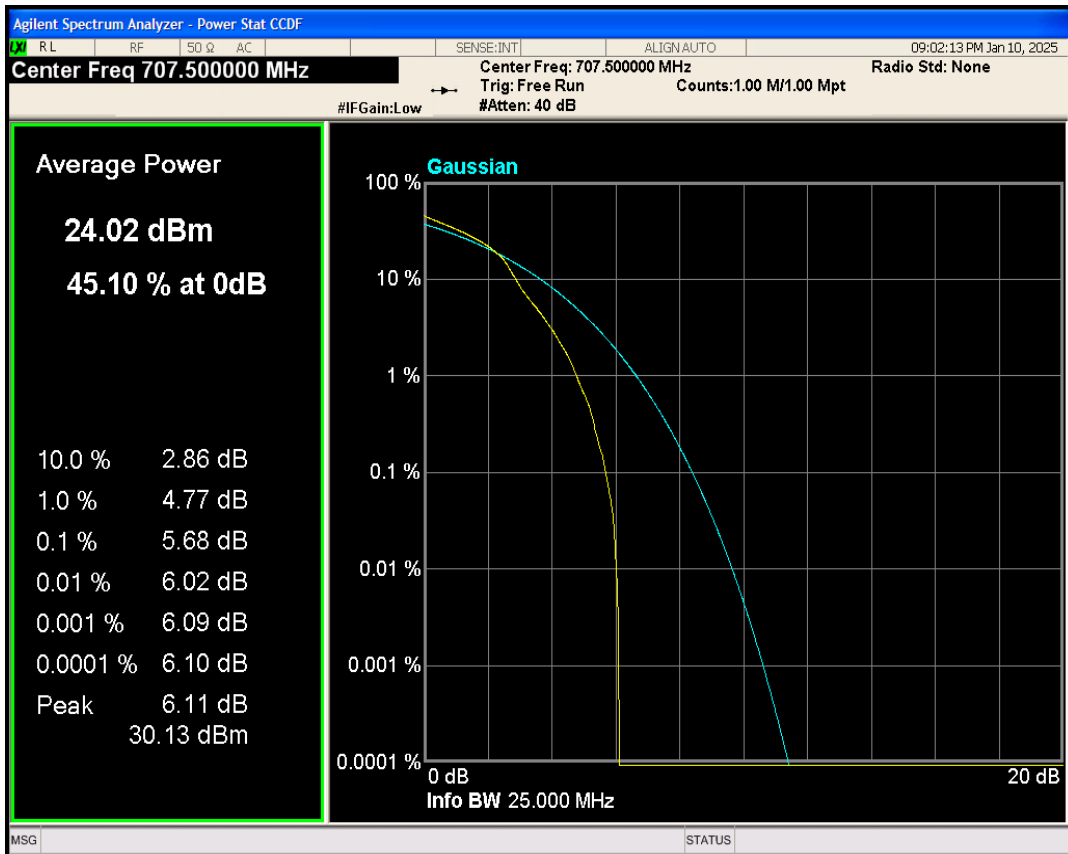
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



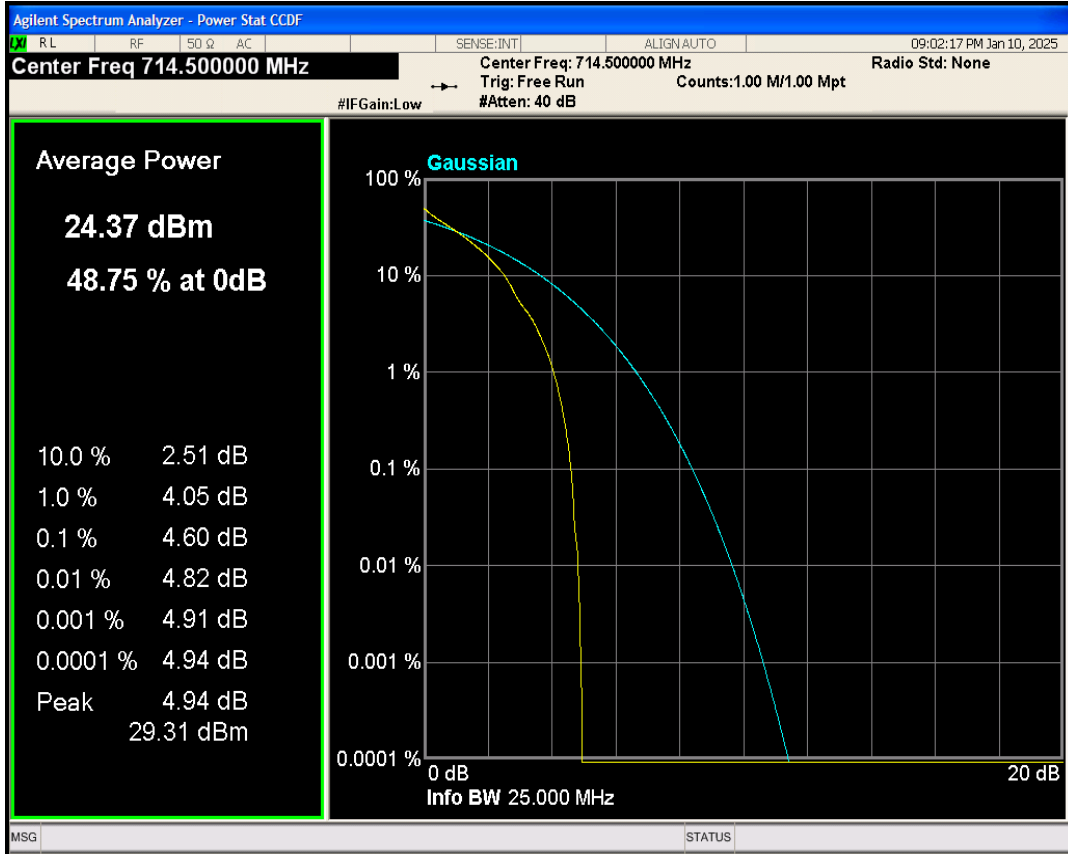
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



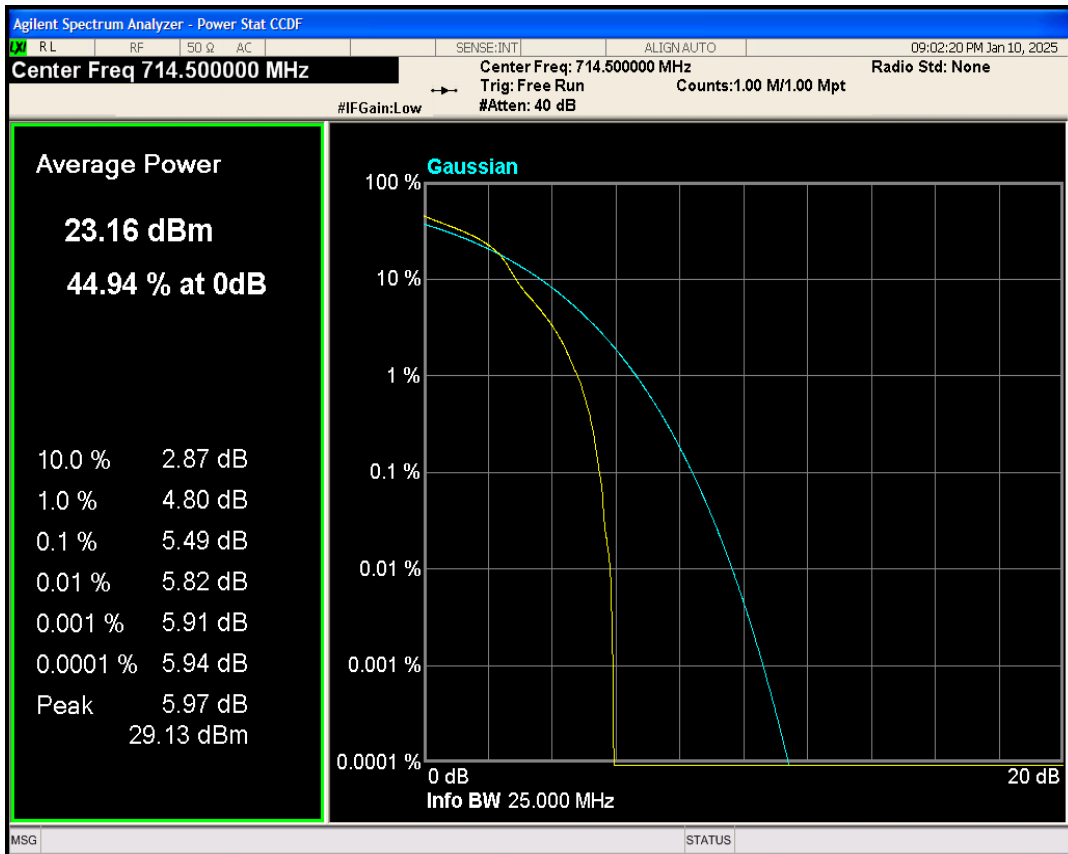
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



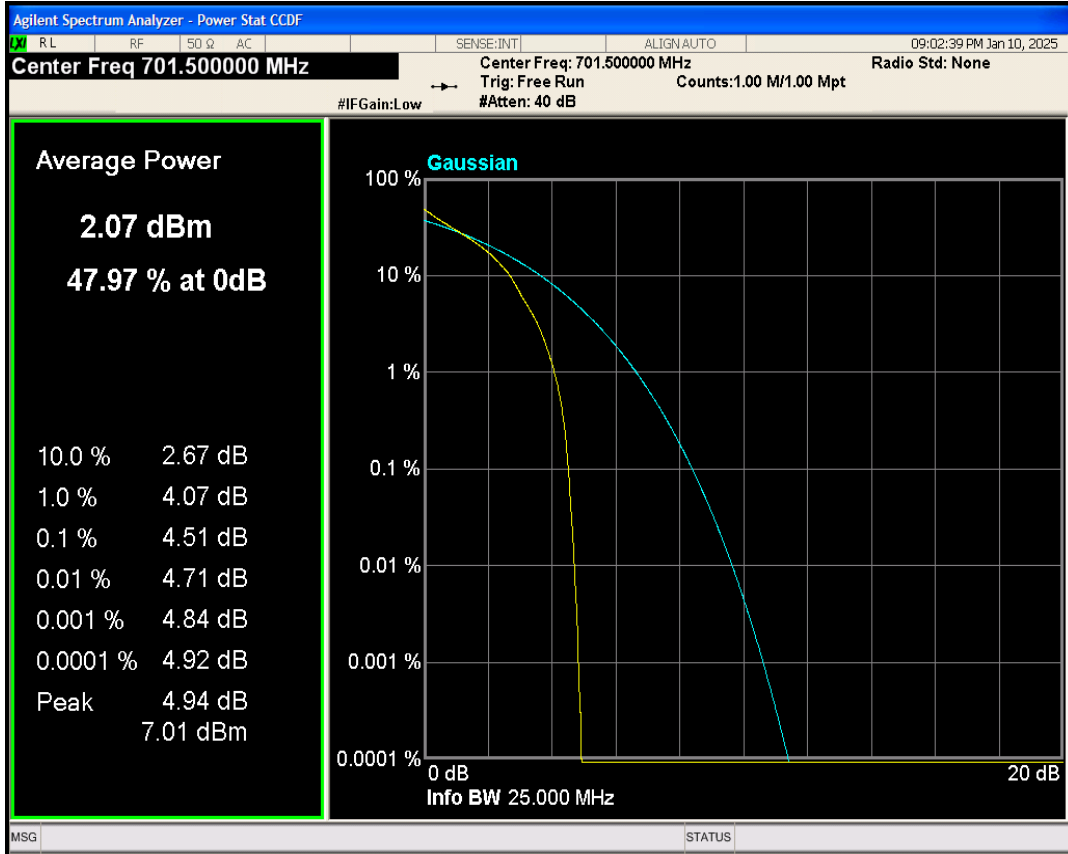
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



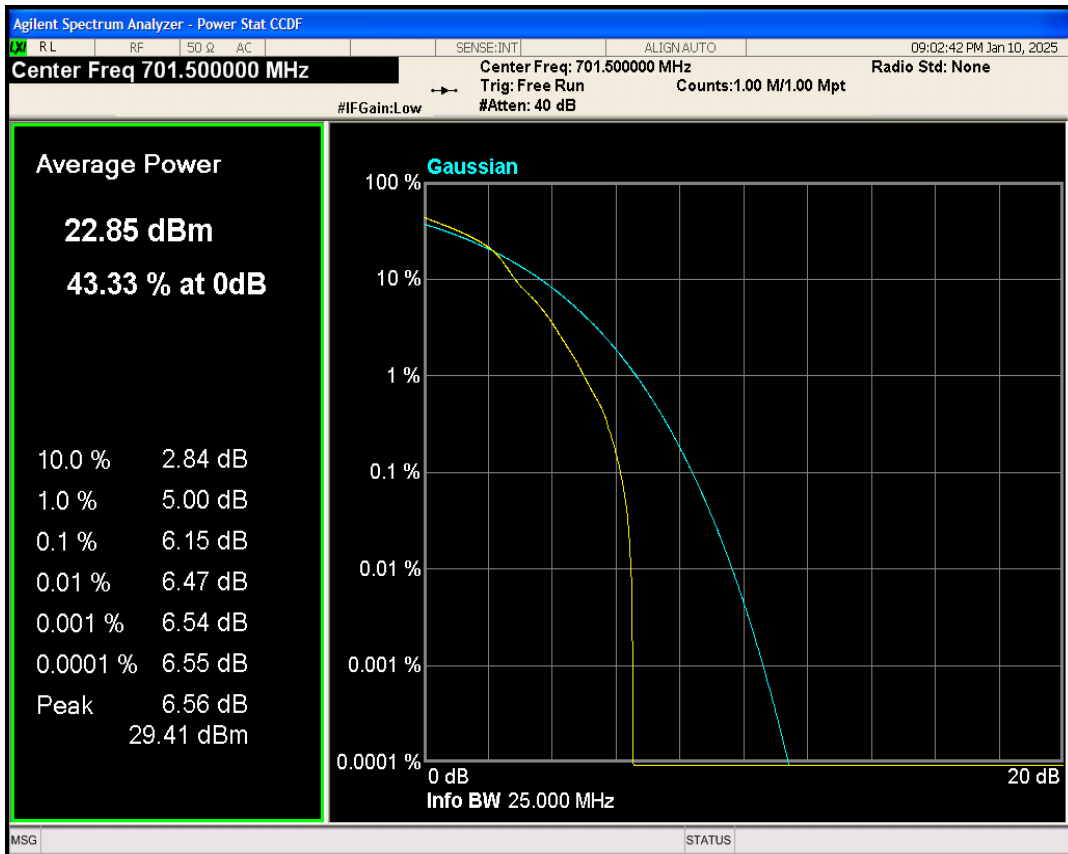
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



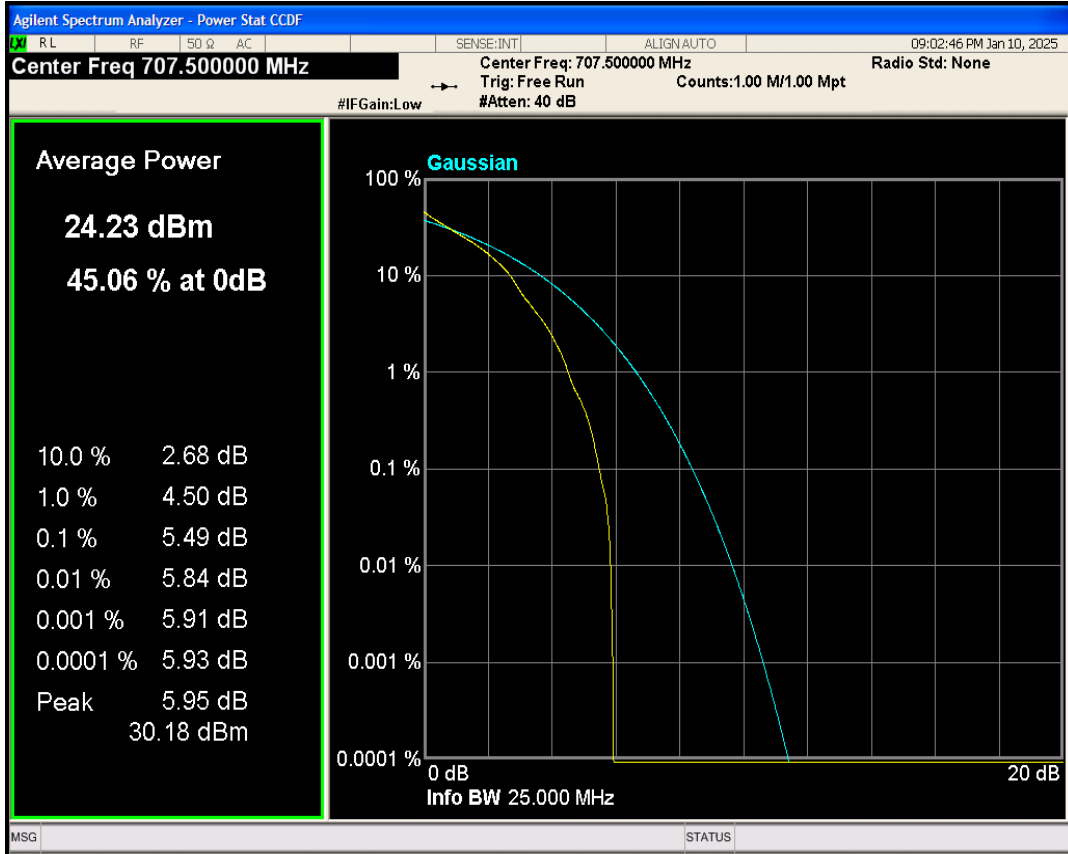
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



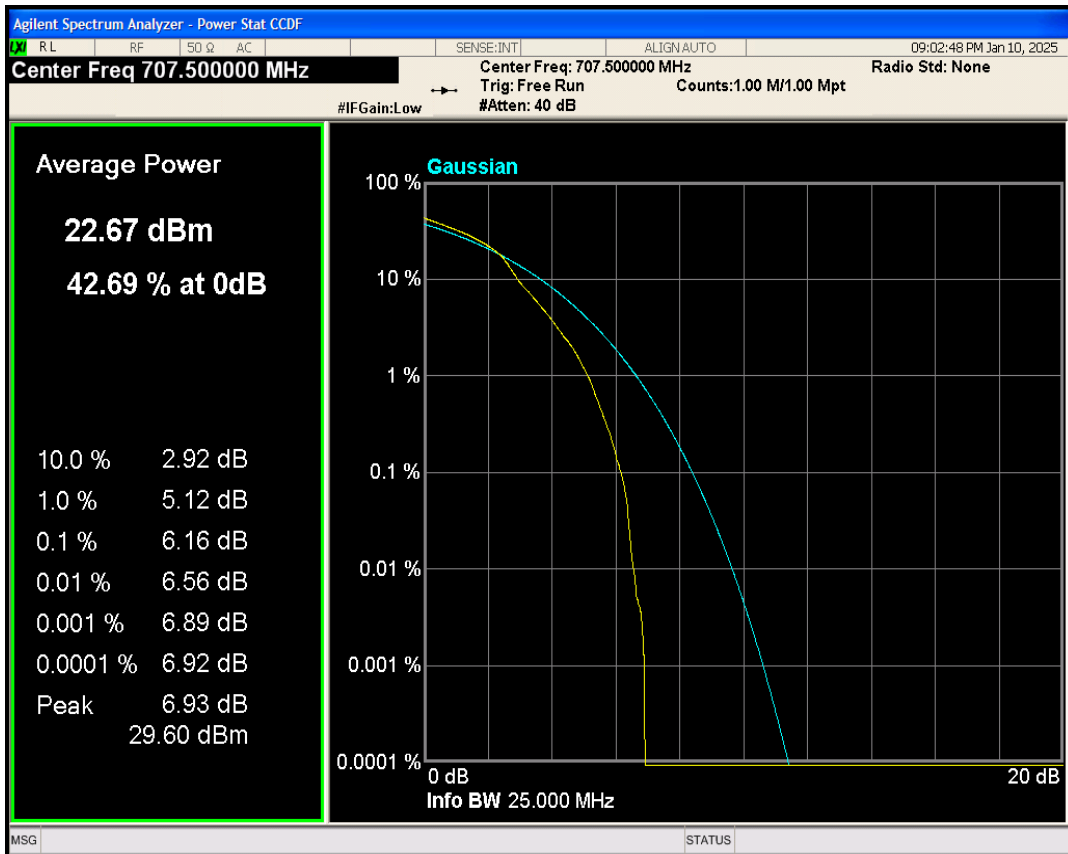
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



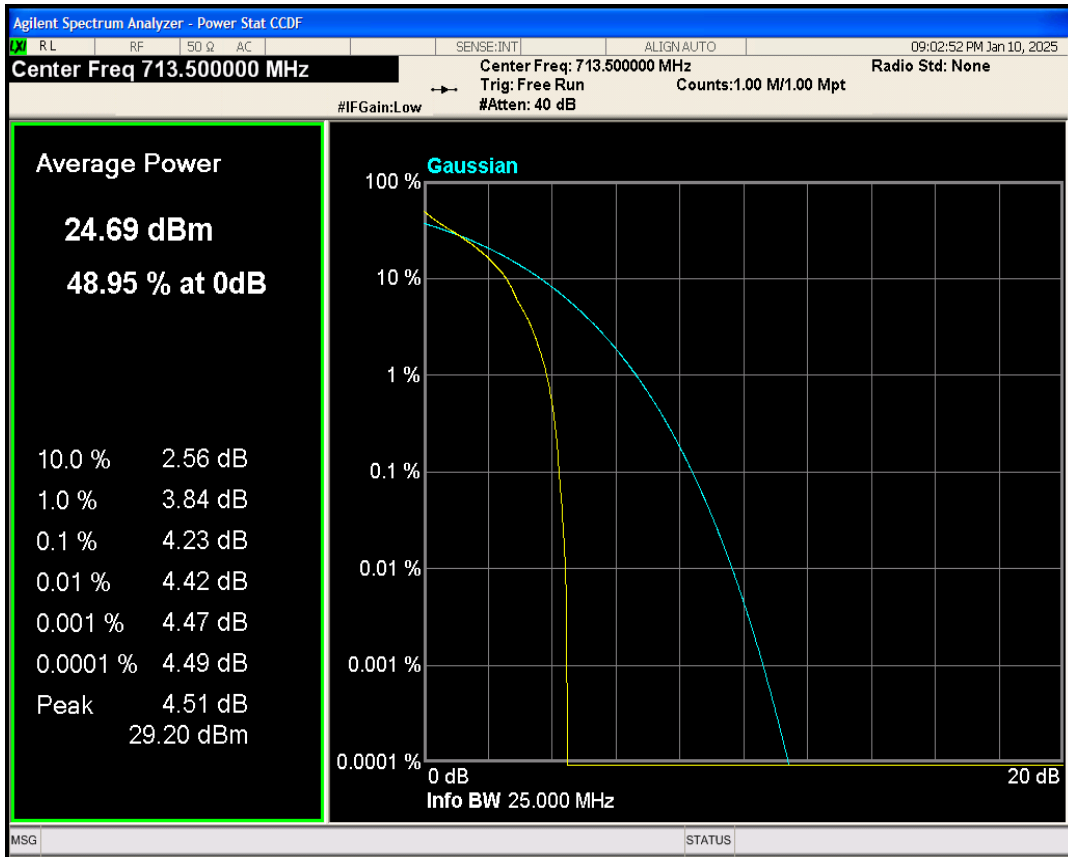
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



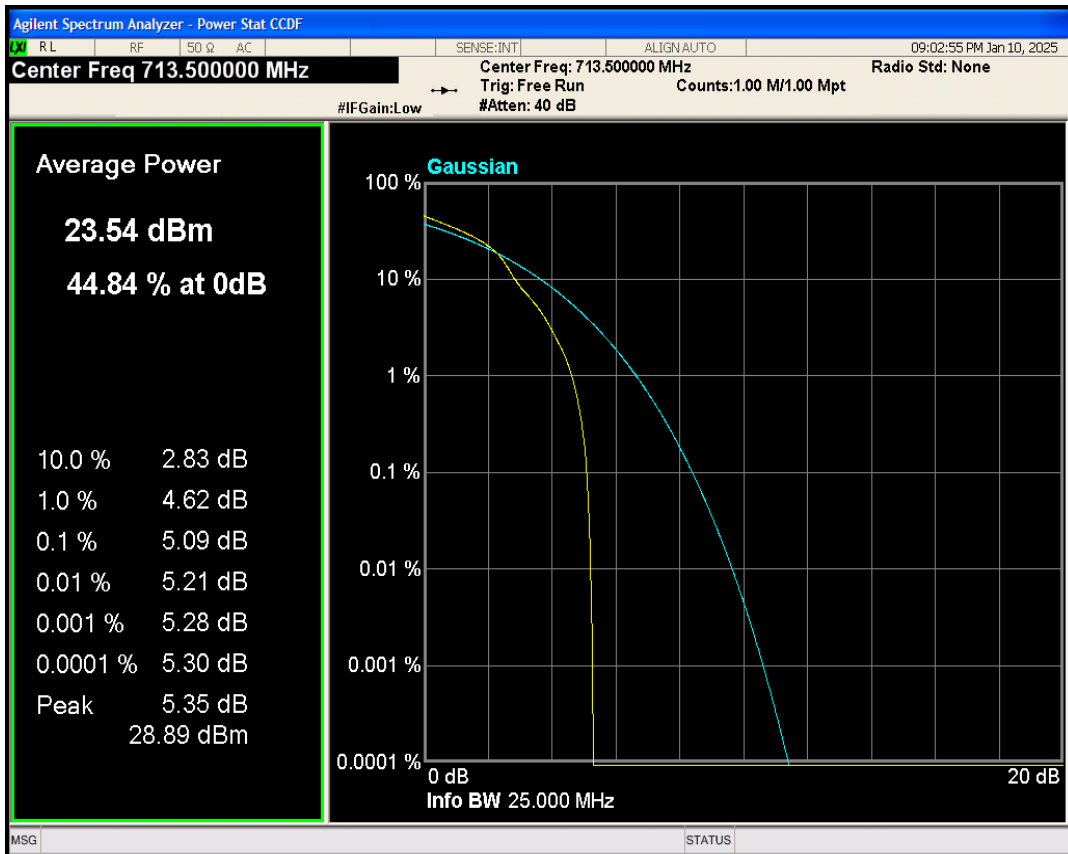
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



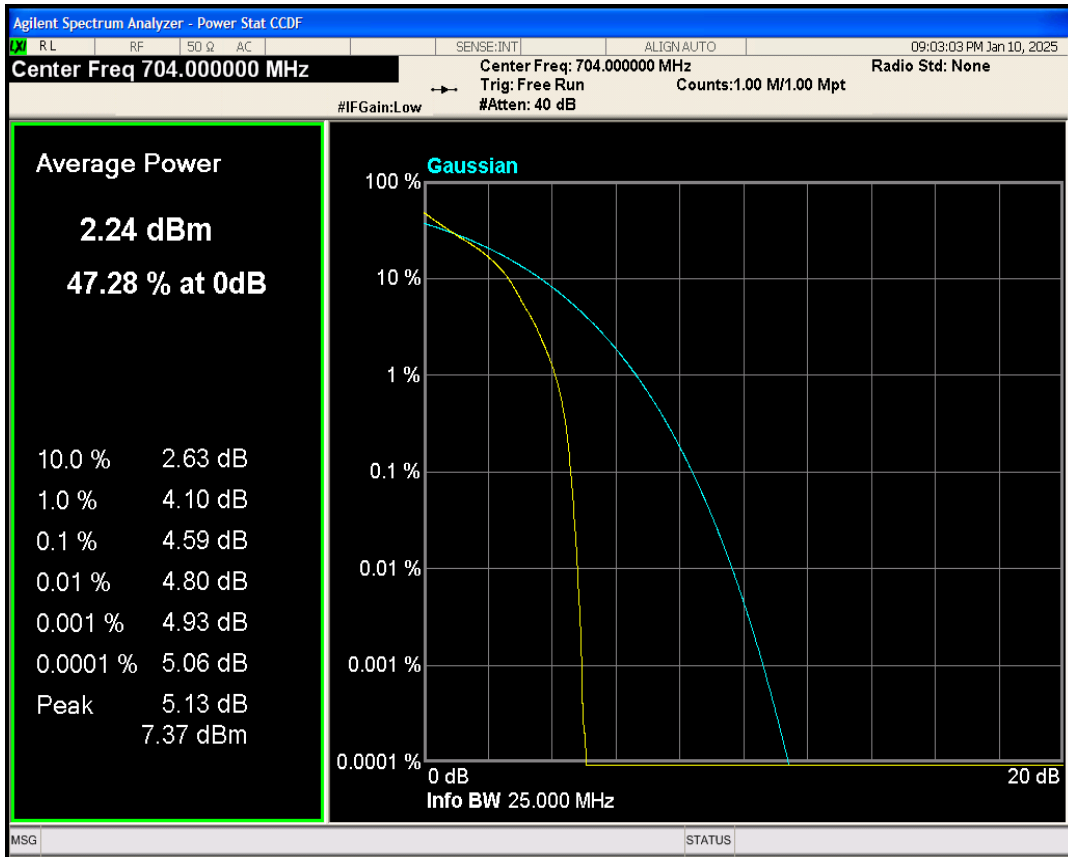
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



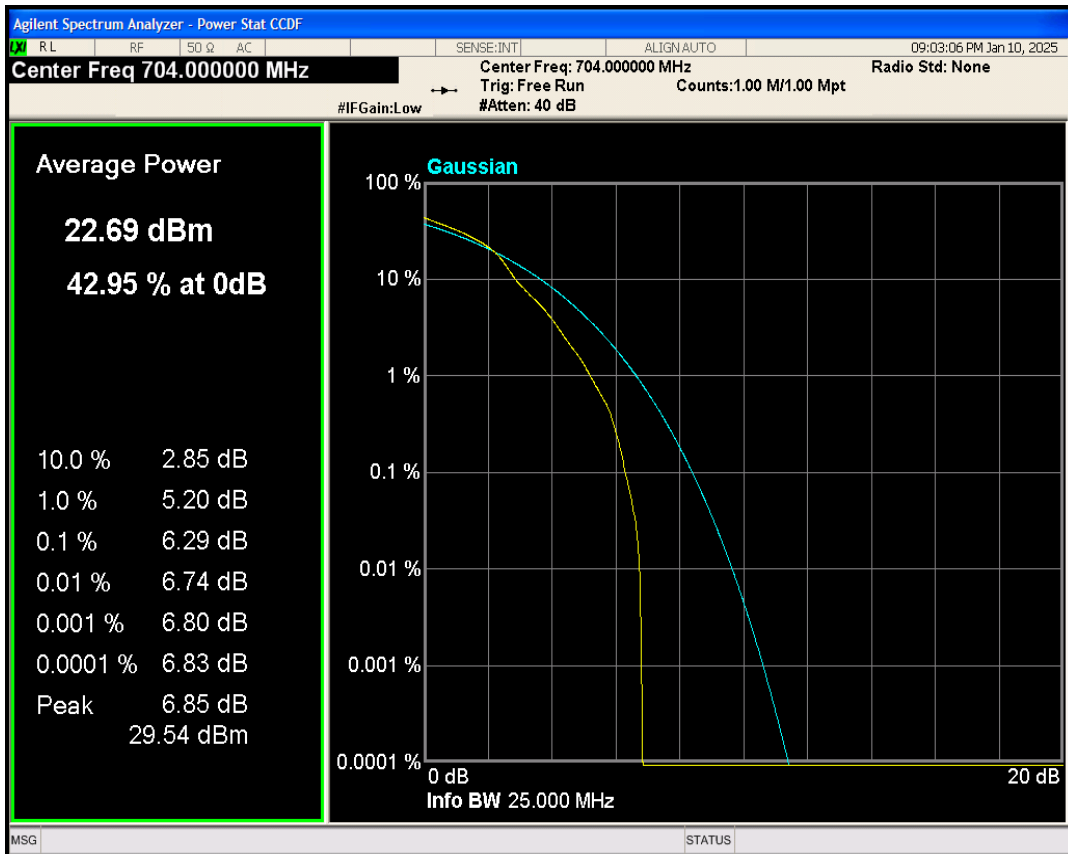
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



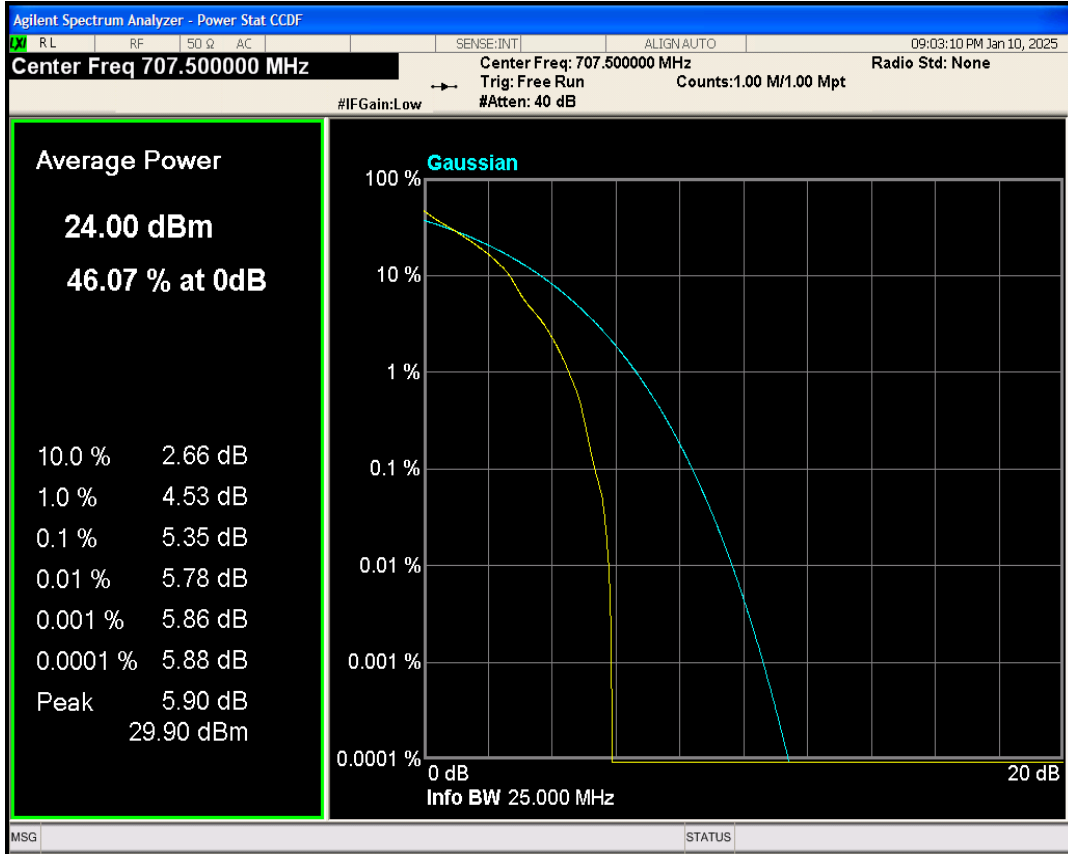
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



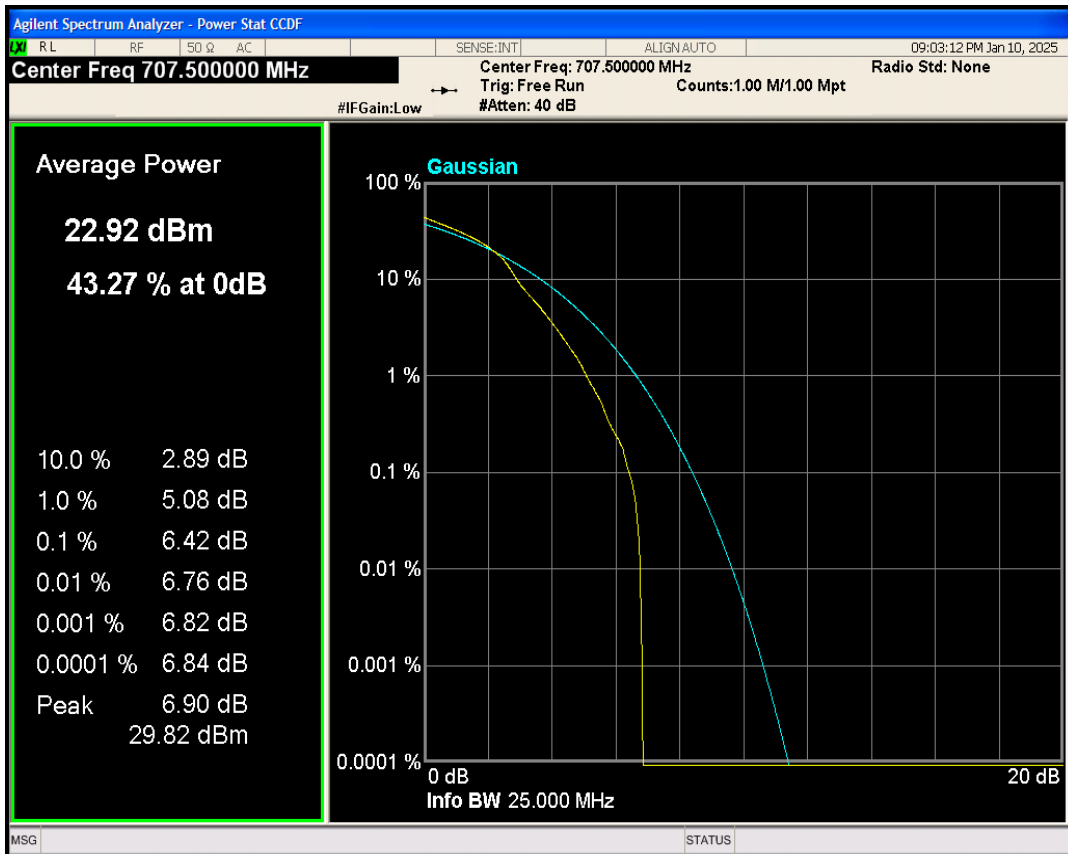
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



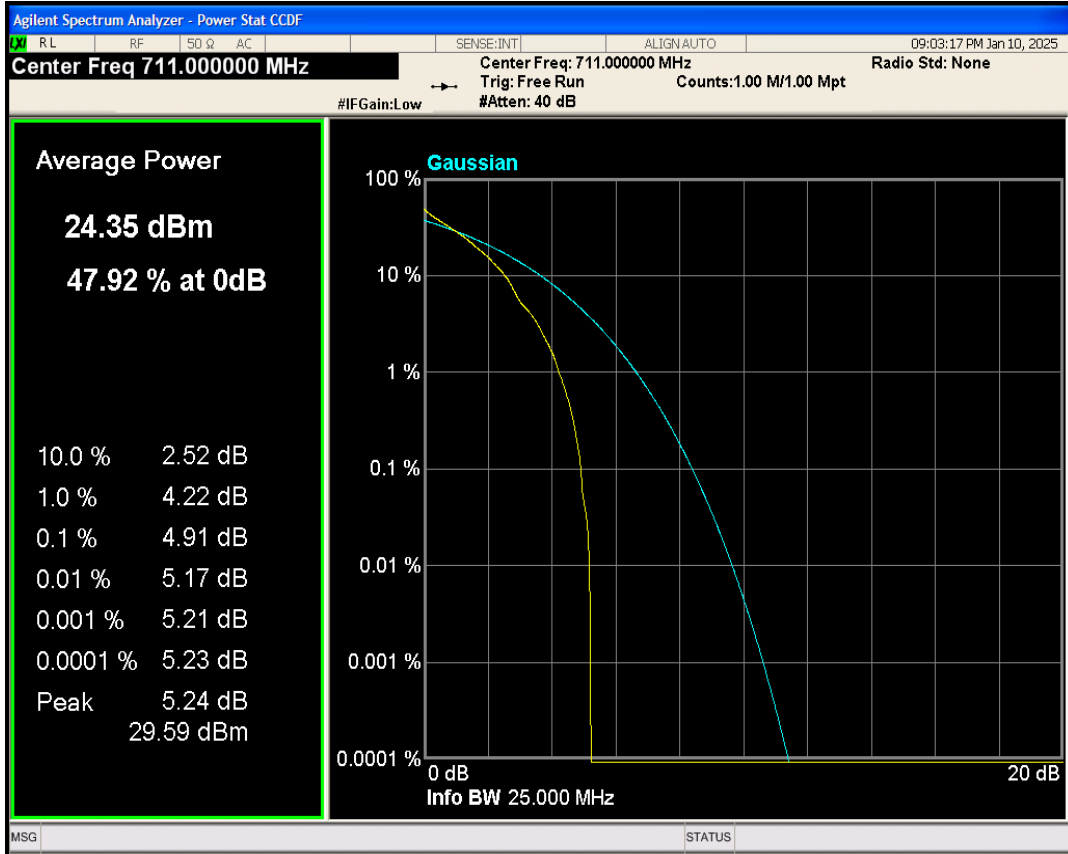
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



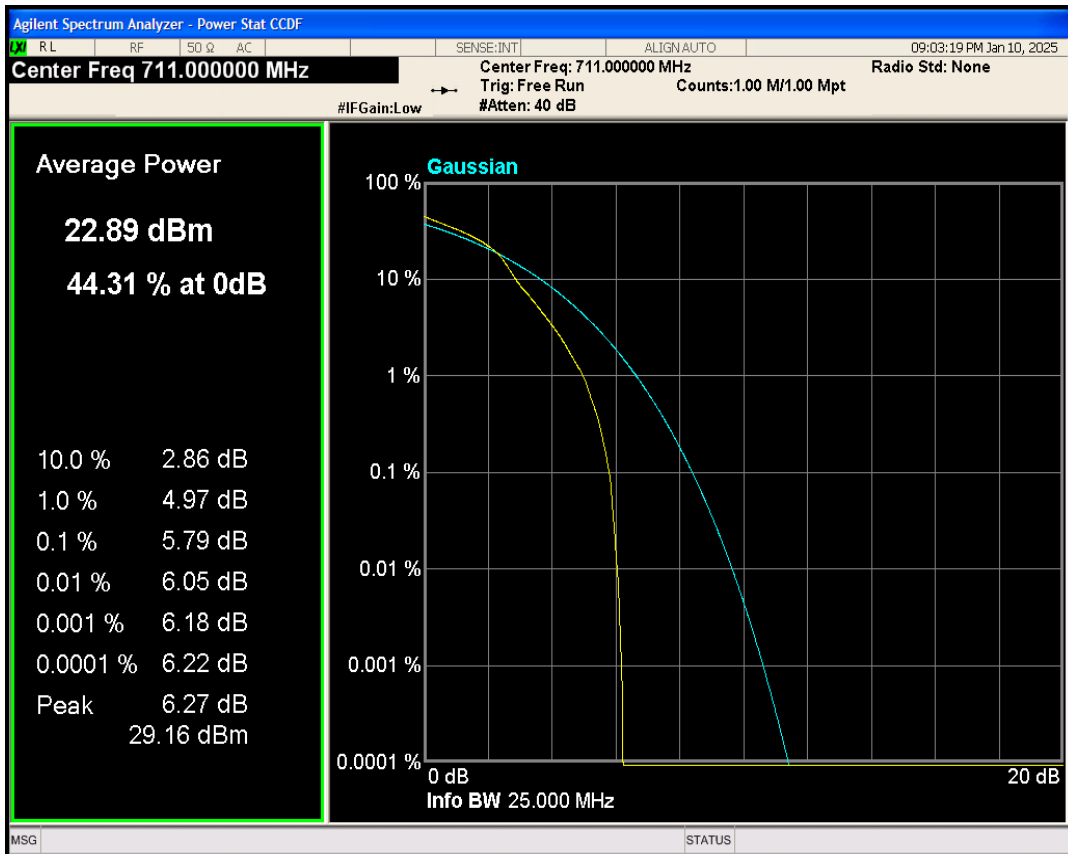
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



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



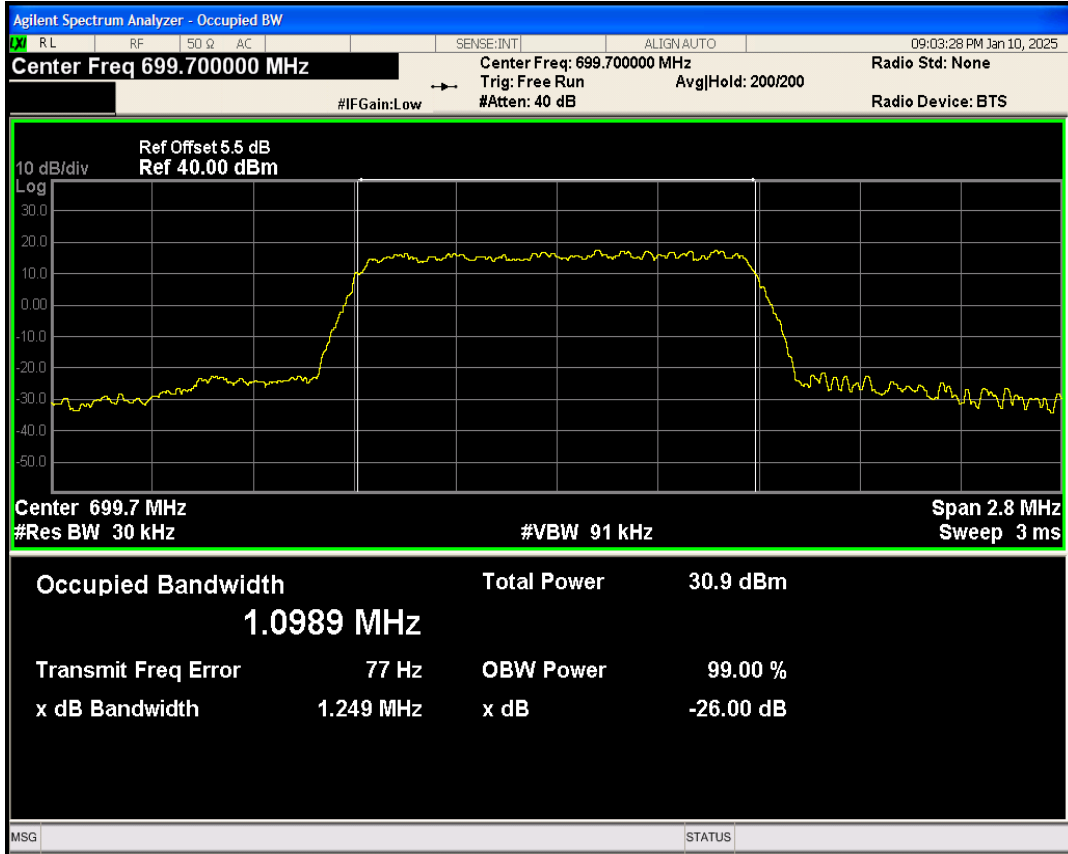
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



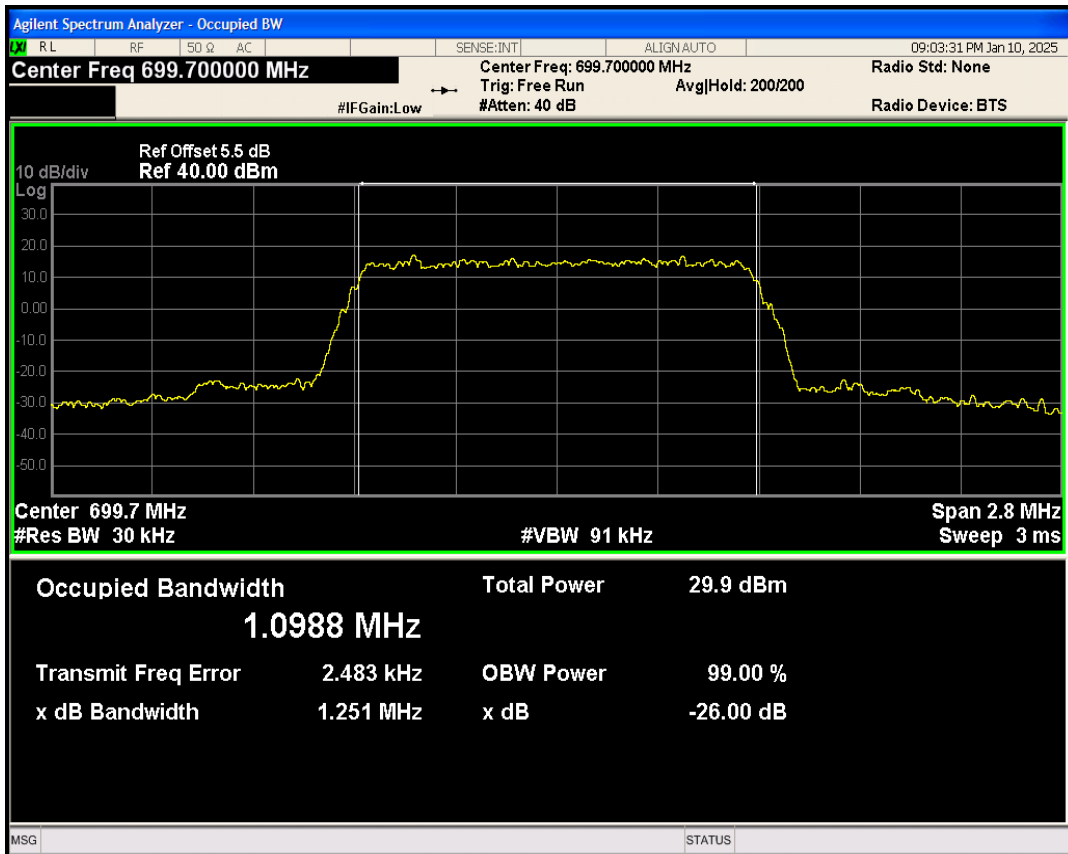
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.099	1.249	PASS
Band12	1.4	23017	6	#0	16QAM	1.099	1.251	PASS
Band12	1.4	23095	6	#0	QPSK	1.097	1.248	PASS
Band12	1.4	23095	6	#0	16QAM	1.092	1.250	PASS
Band12	1.4	23173	6	#0	QPSK	1.102	1.240	PASS
Band12	1.4	23173	6	#0	16QAM	1.099	1.241	PASS
Band12	3	23025	15	#0	QPSK	2.711	3.022	PASS
Band12	3	23025	15	#0	16QAM	2.698	3.041	PASS
Band12	3	23095	15	#0	QPSK	2.704	3.061	PASS
Band12	3	23095	15	#0	16QAM	2.695	3.004	PASS
Band12	3	23165	15	#0	QPSK	2.709	3.032	PASS
Band12	3	23165	15	#0	16QAM	2.711	3.029	PASS
Band12	5	23035	25	#0	QPSK	4.511	4.919	PASS
Band12	5	23035	25	#0	16QAM	4.506	4.964	PASS
Band12	5	23095	25	#0	QPSK	4.520	4.946	PASS
Band12	5	23095	25	#0	16QAM	4.507	4.971	PASS
Band12	5	23155	25	#0	QPSK	4.487	4.921	PASS
Band12	5	23155	25	#0	16QAM	4.519	4.957	PASS
Band12	10	23060	50	#0	QPSK	8.968	9.737	PASS
Band12	10	23060	50	#0	16QAM	8.951	9.859	PASS
Band12	10	23095	50	#0	QPSK	9.014	9.777	PASS
Band12	10	23095	50	#0	16QAM	9.015	9.887	PASS
Band12	10	23130	50	#0	QPSK	8.958	9.871	PASS
Band12	10	23130	50	#0	16QAM	8.978	9.953	PASS

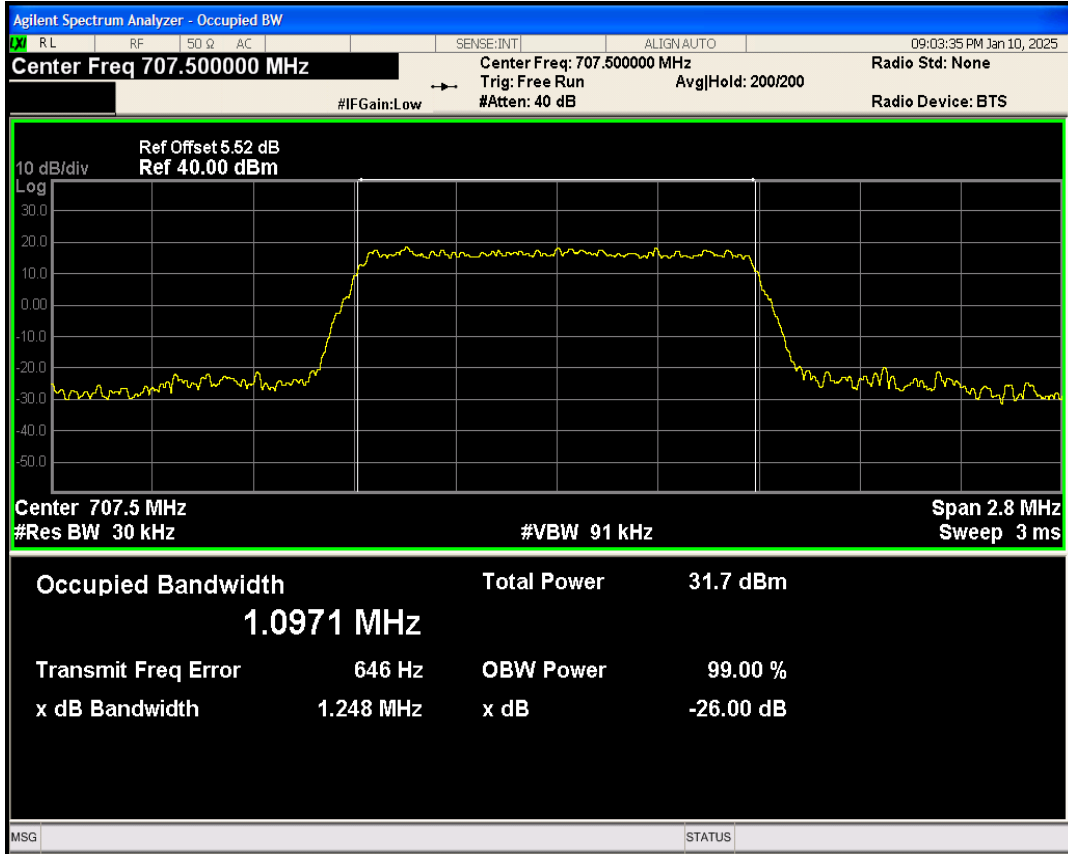
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



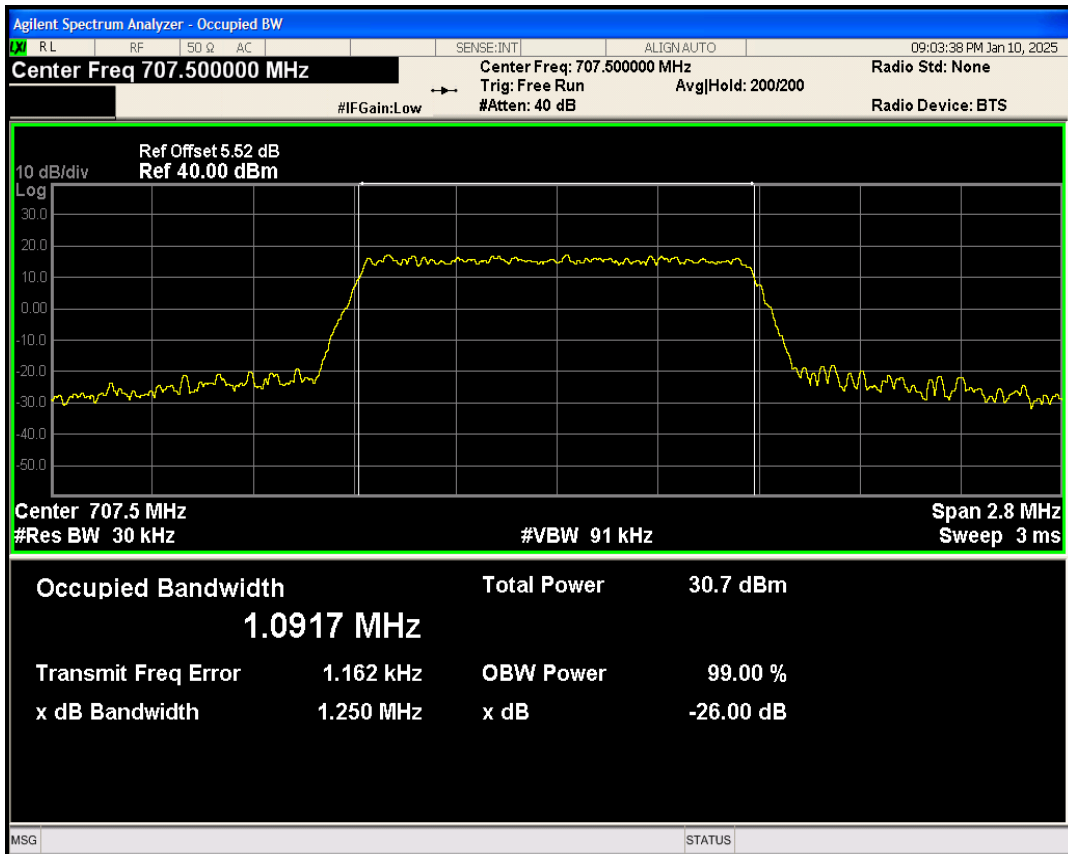
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



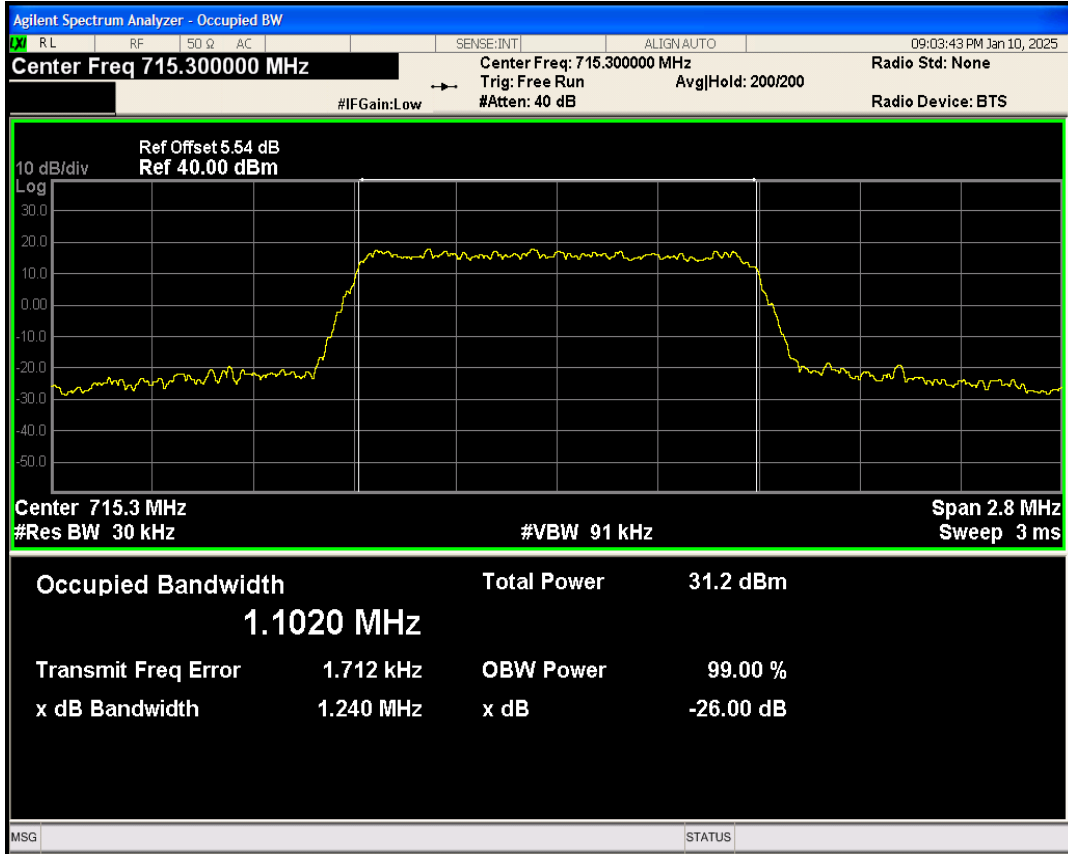
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



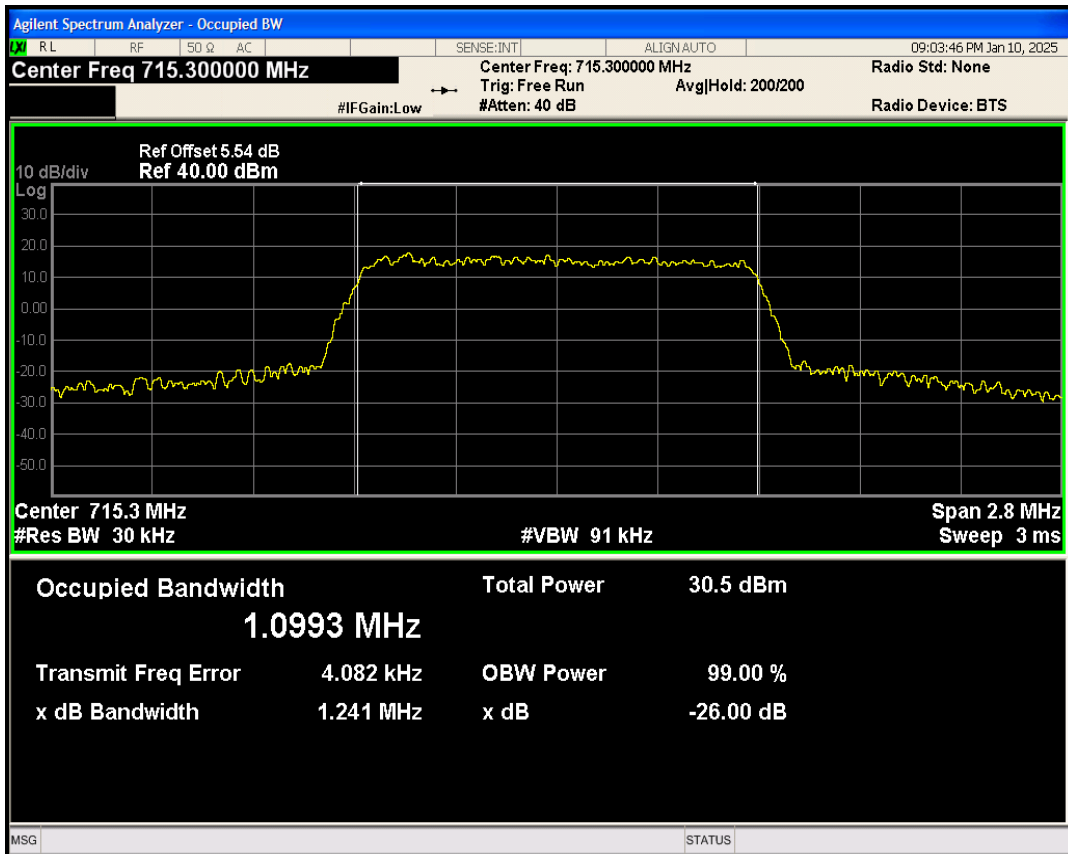
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



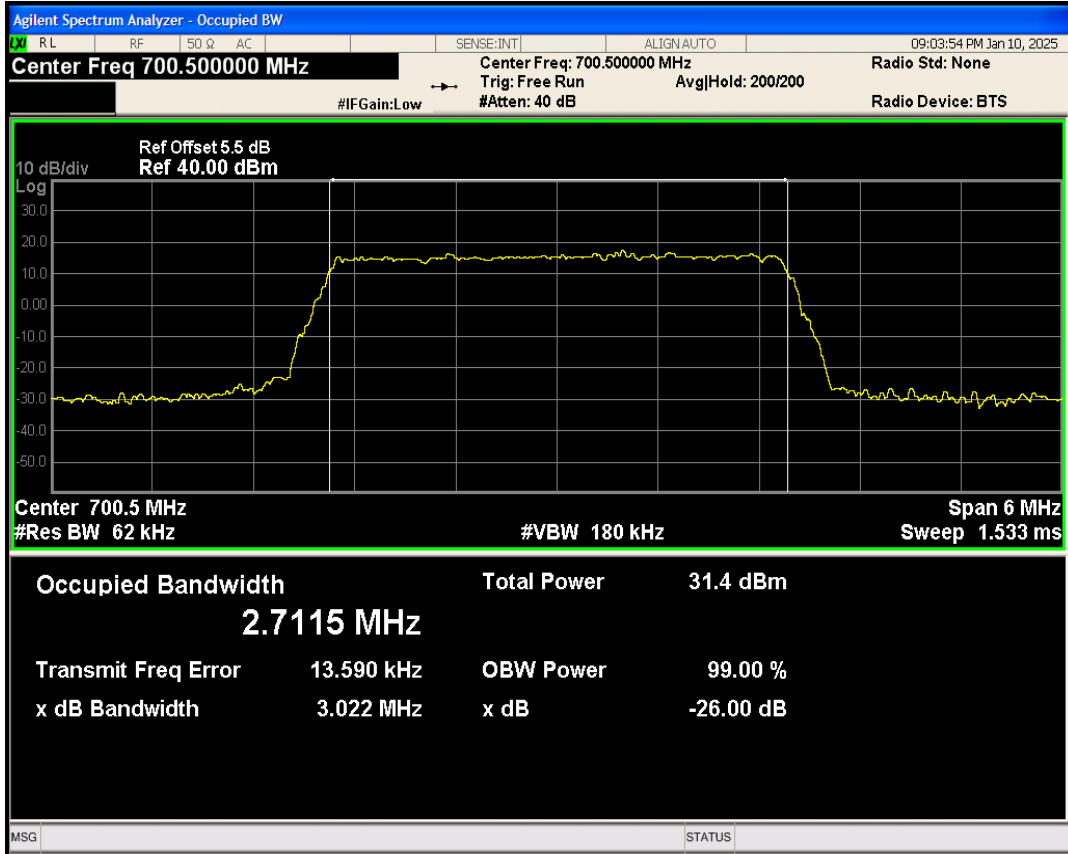
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



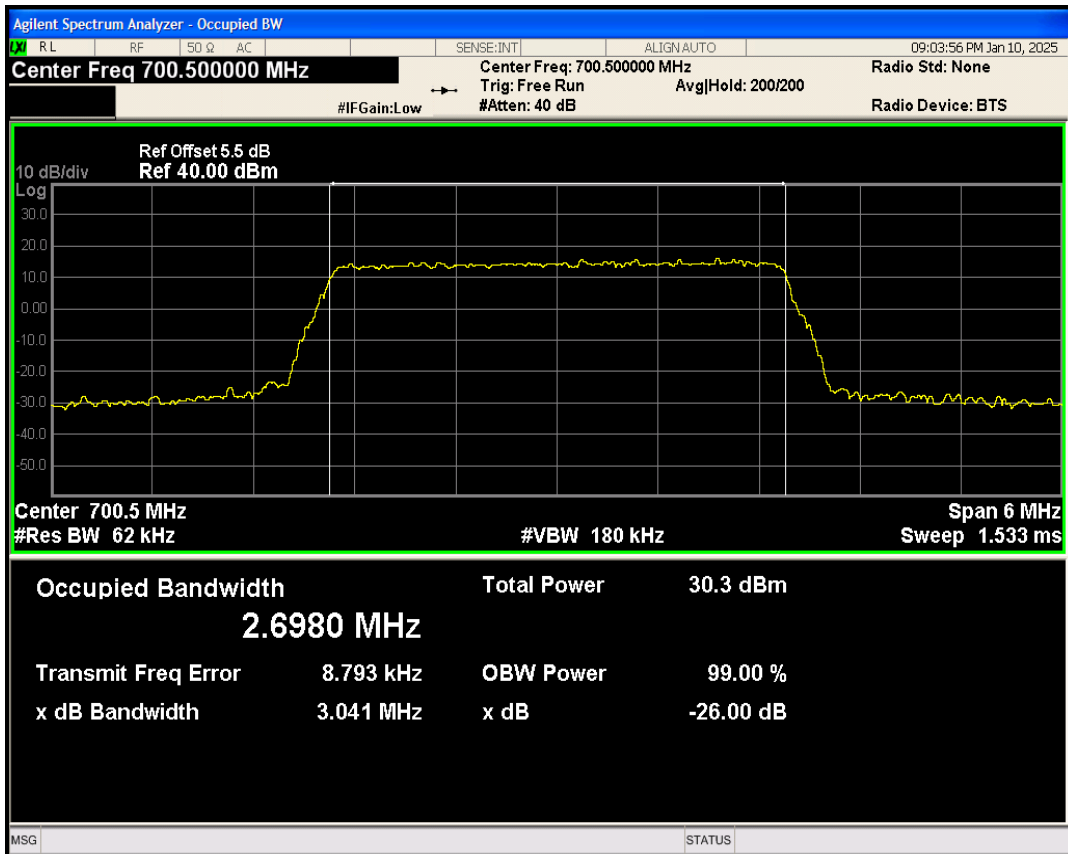
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



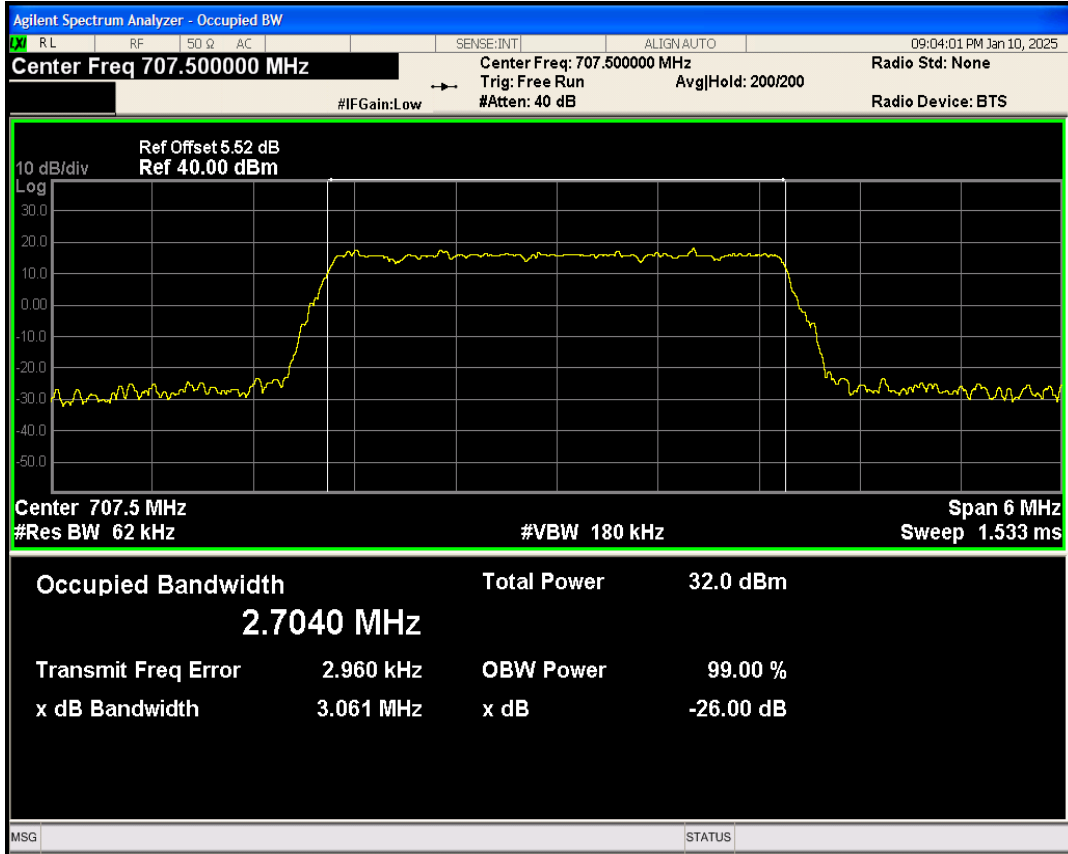
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



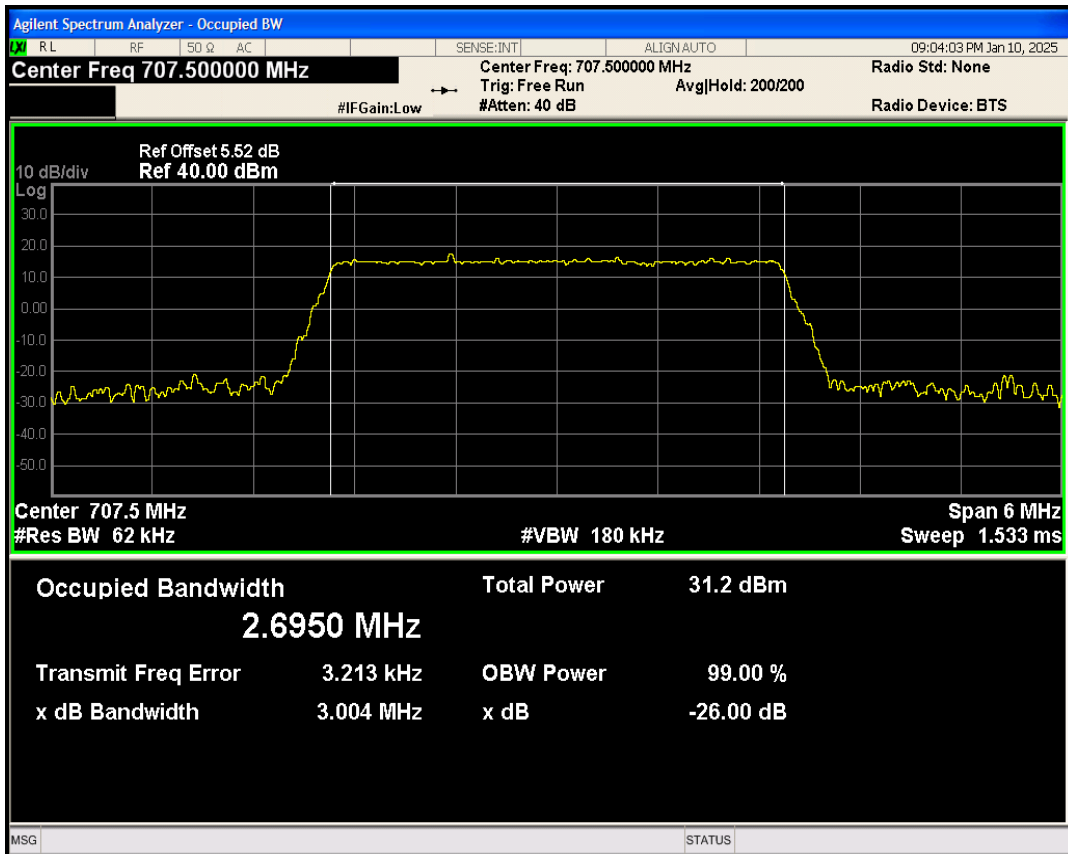
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



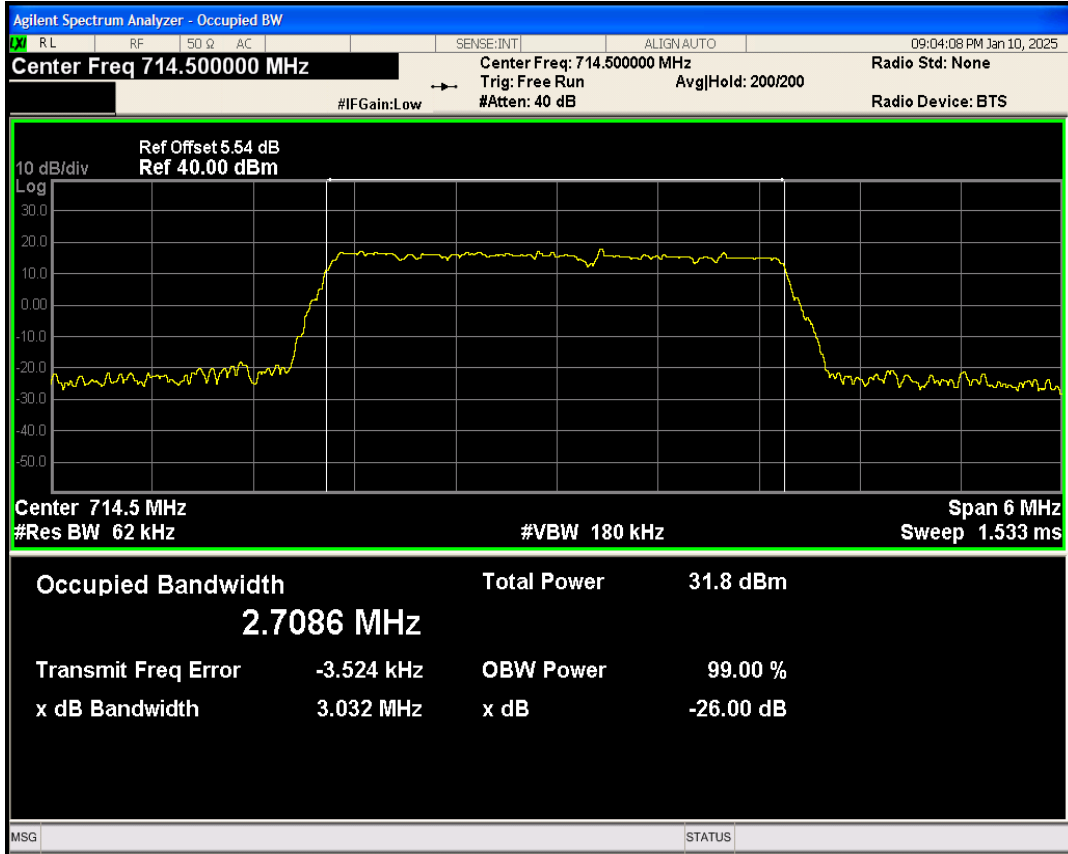
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



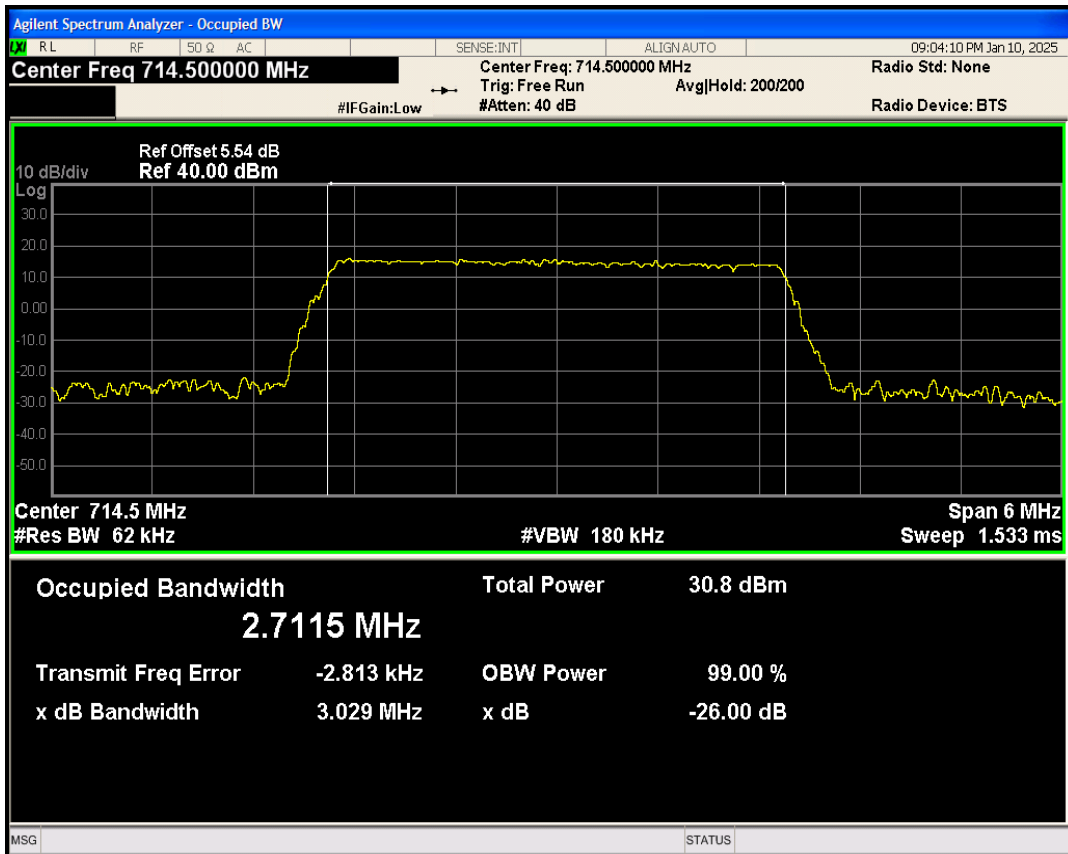
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



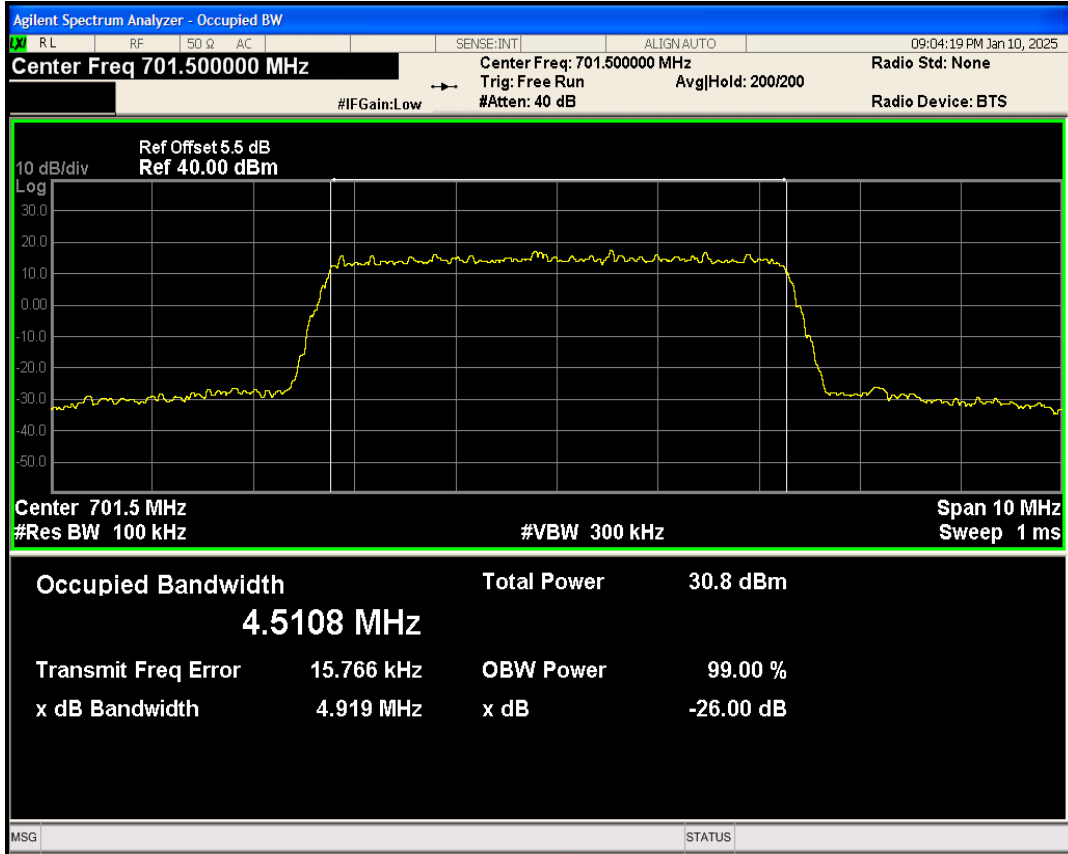
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



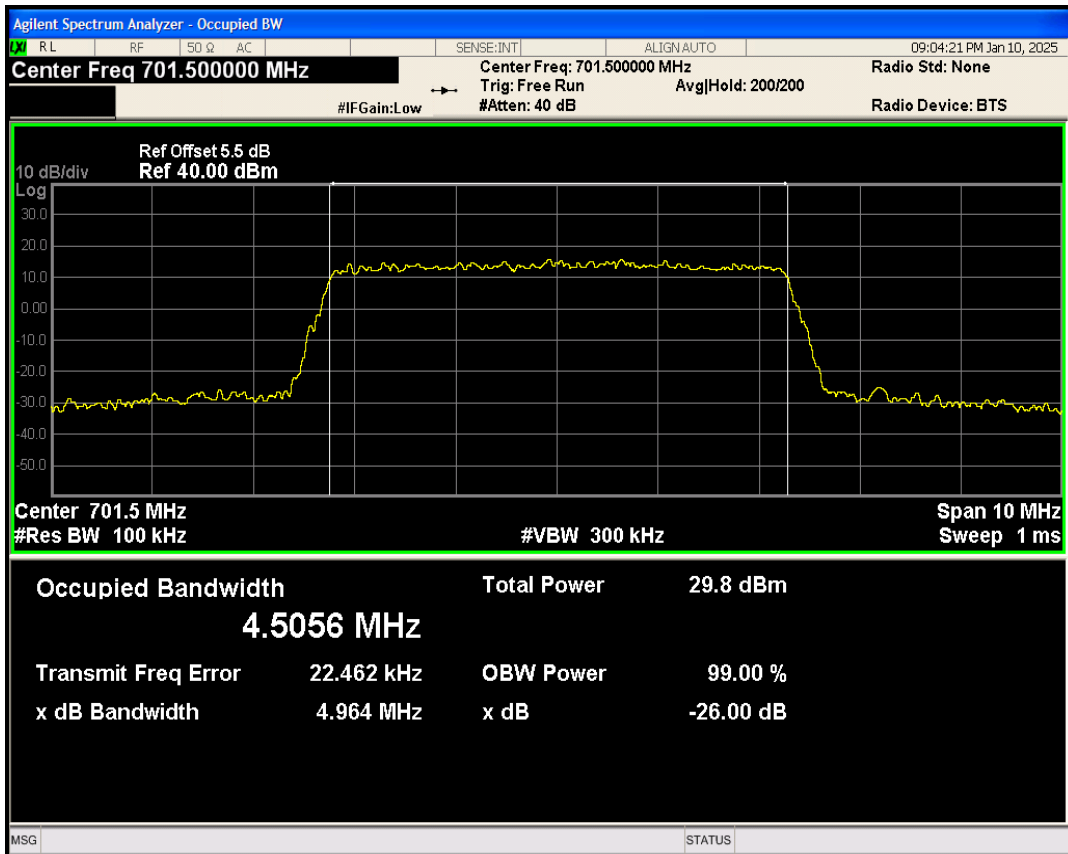
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



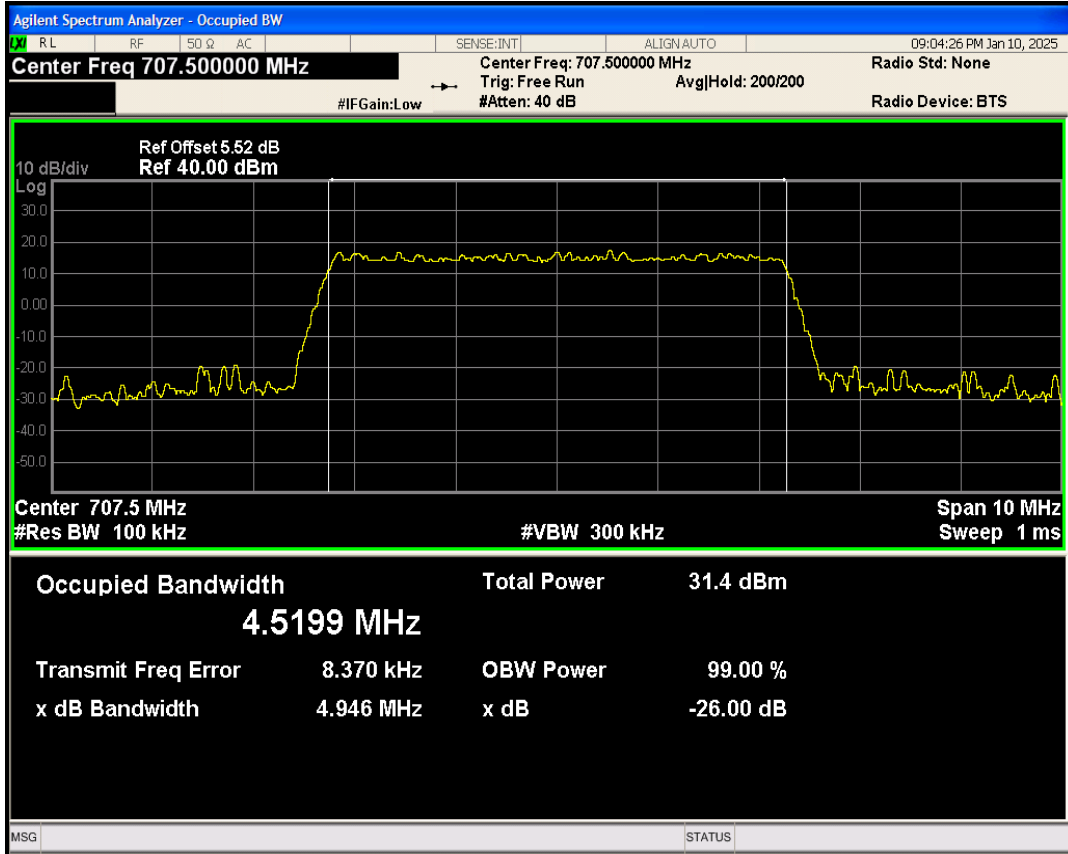
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



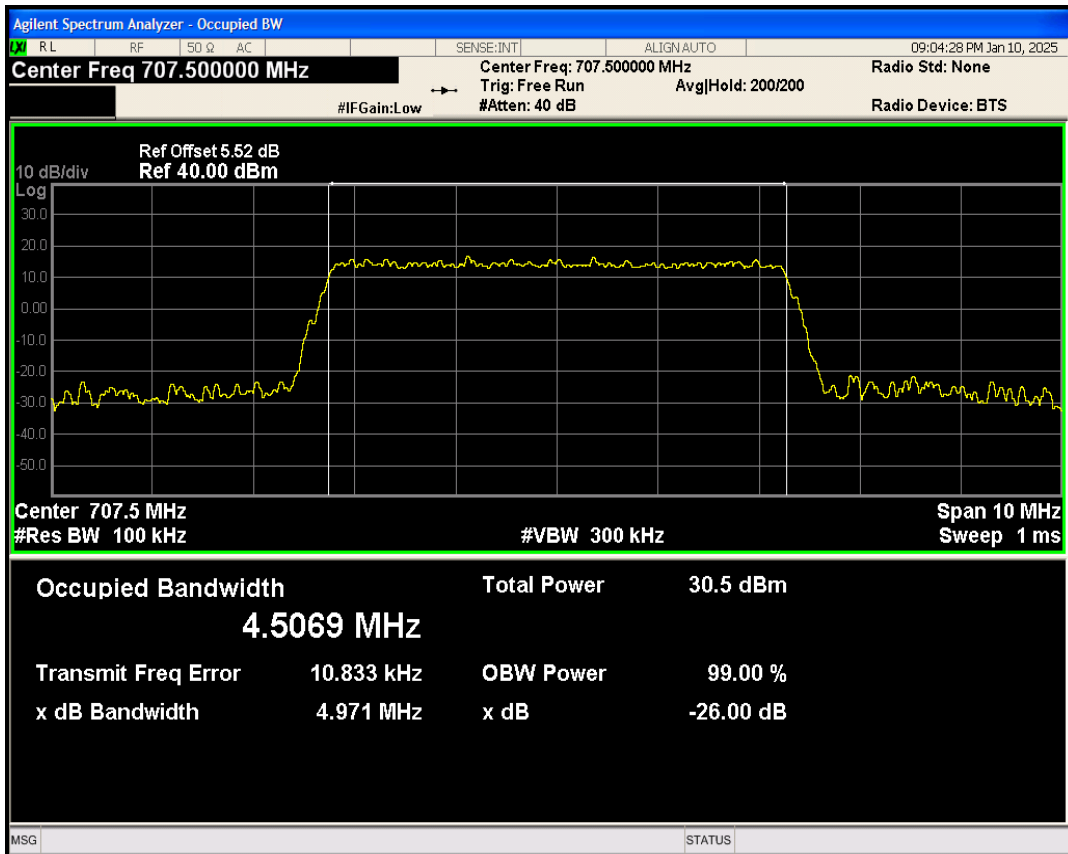
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



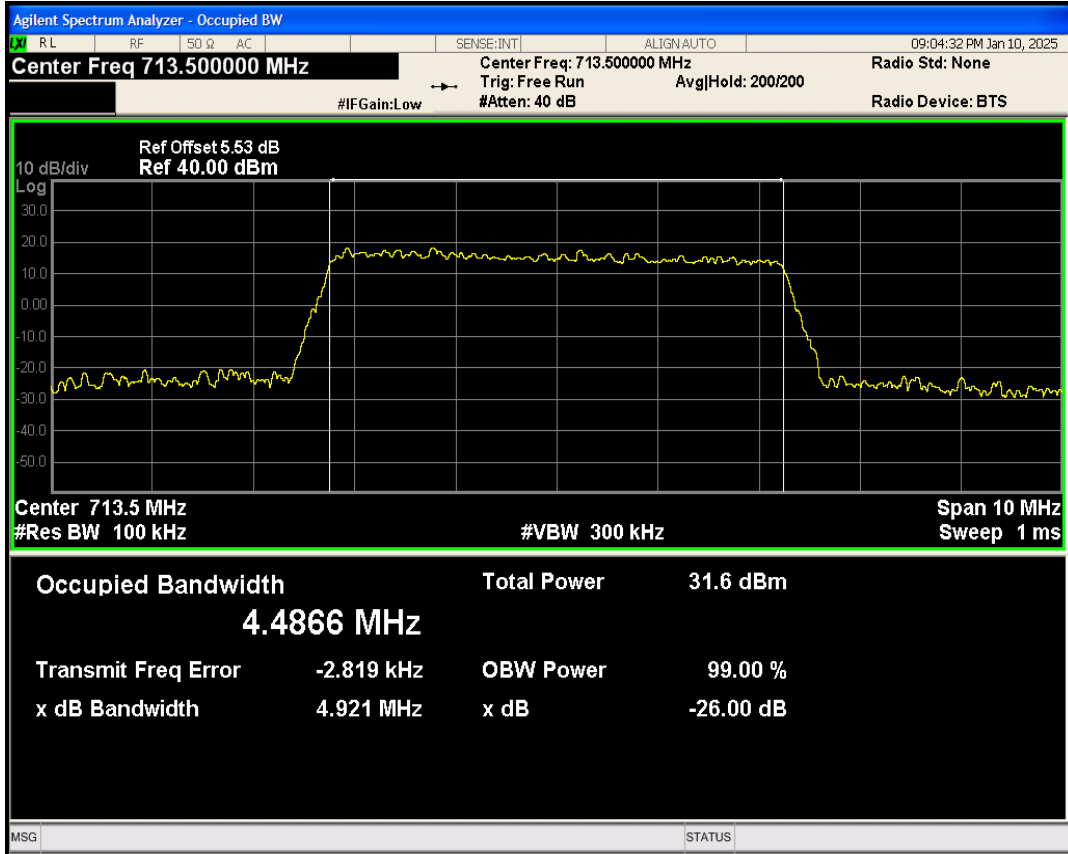
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



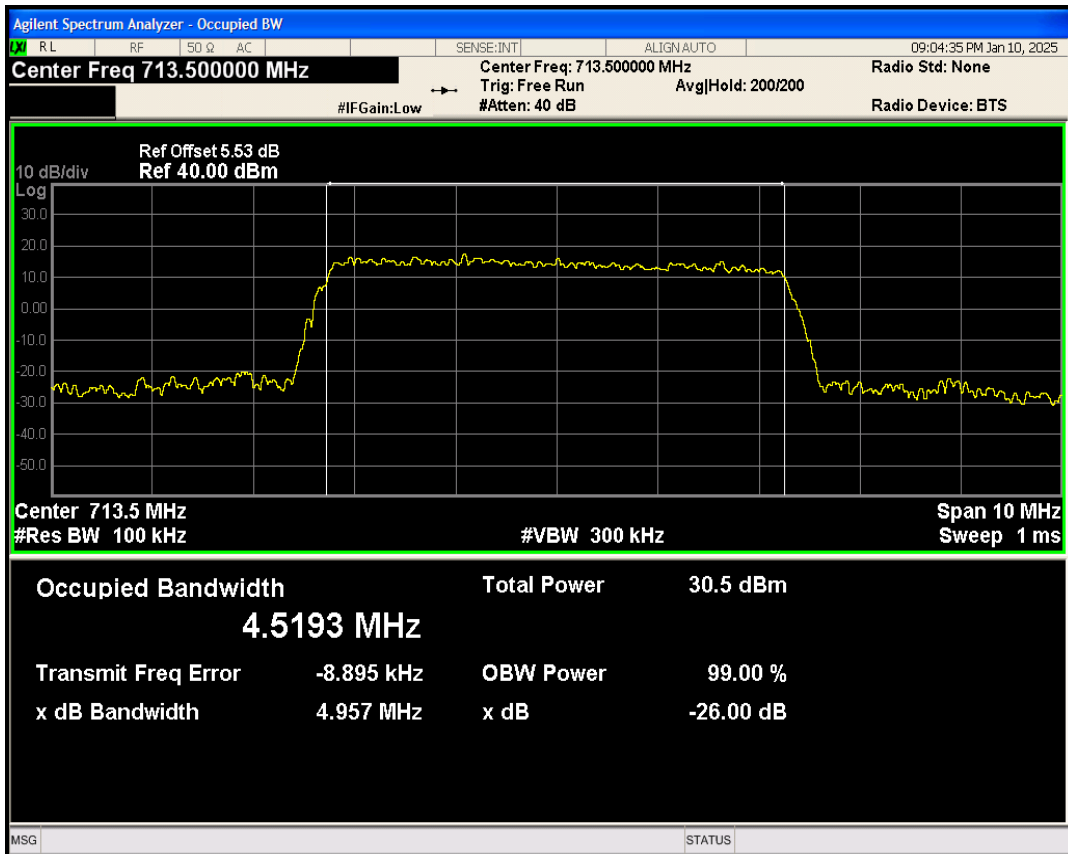
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



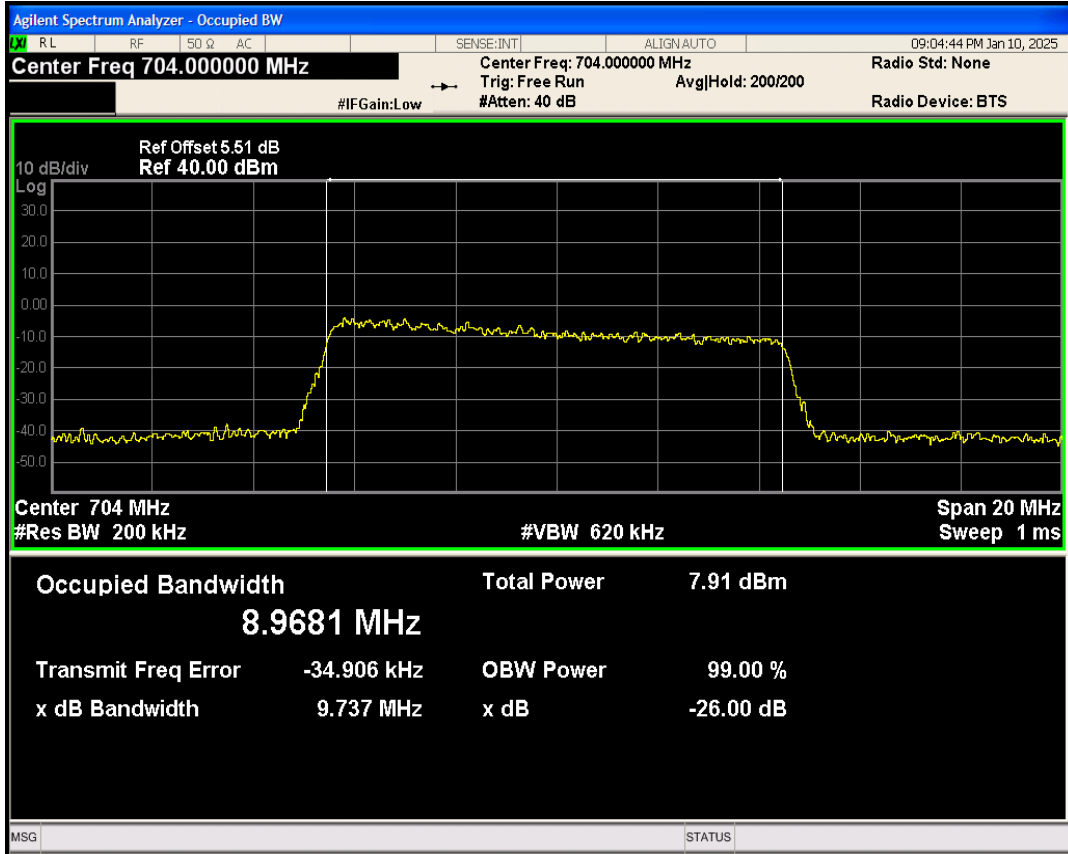
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



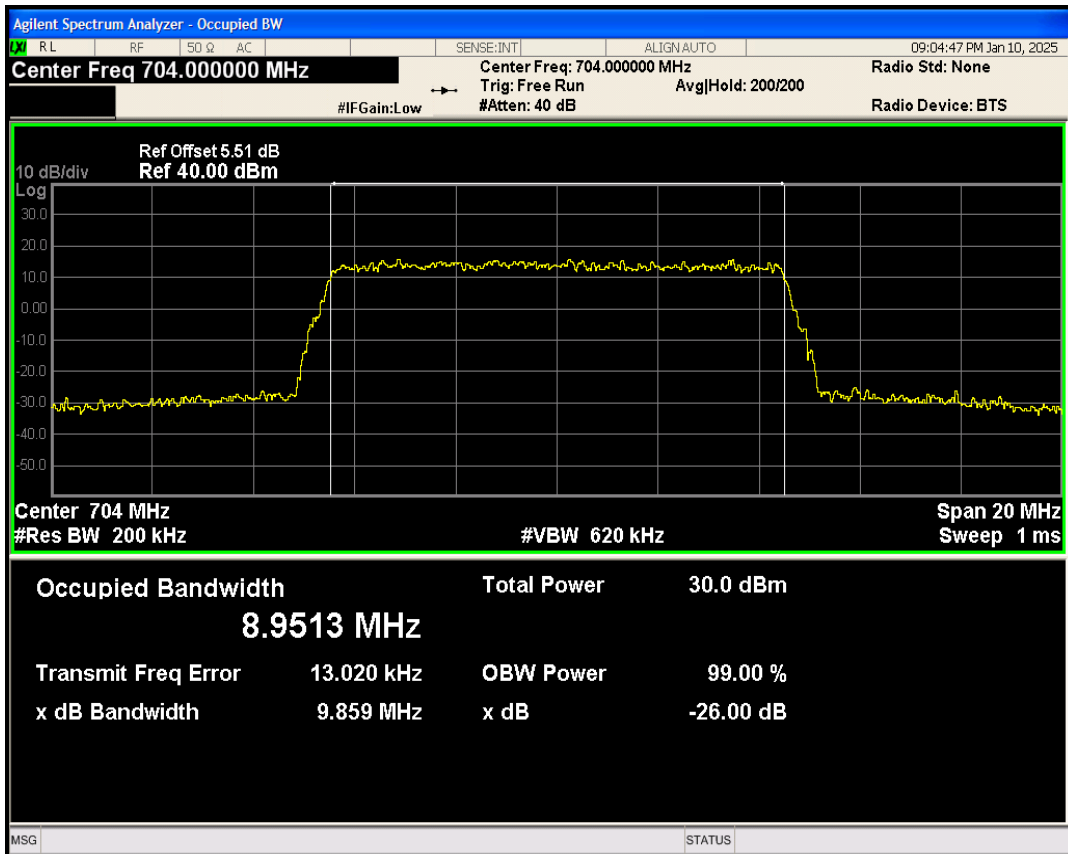
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



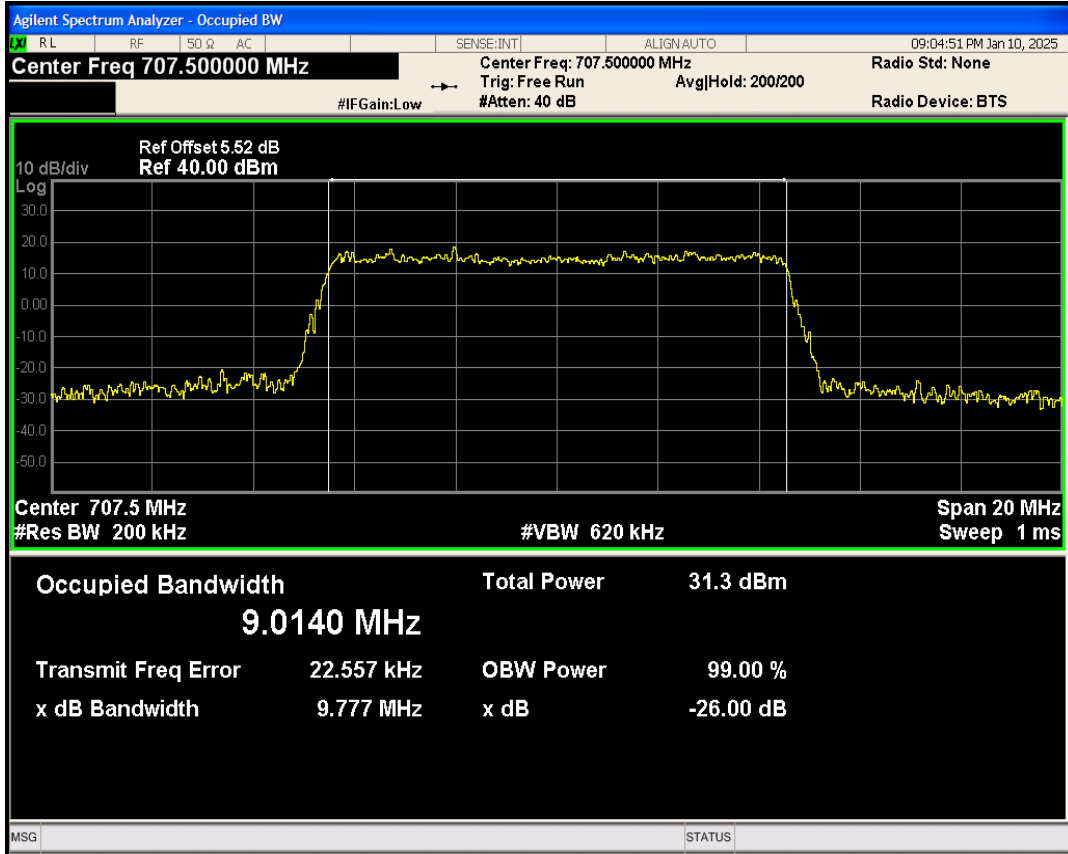
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



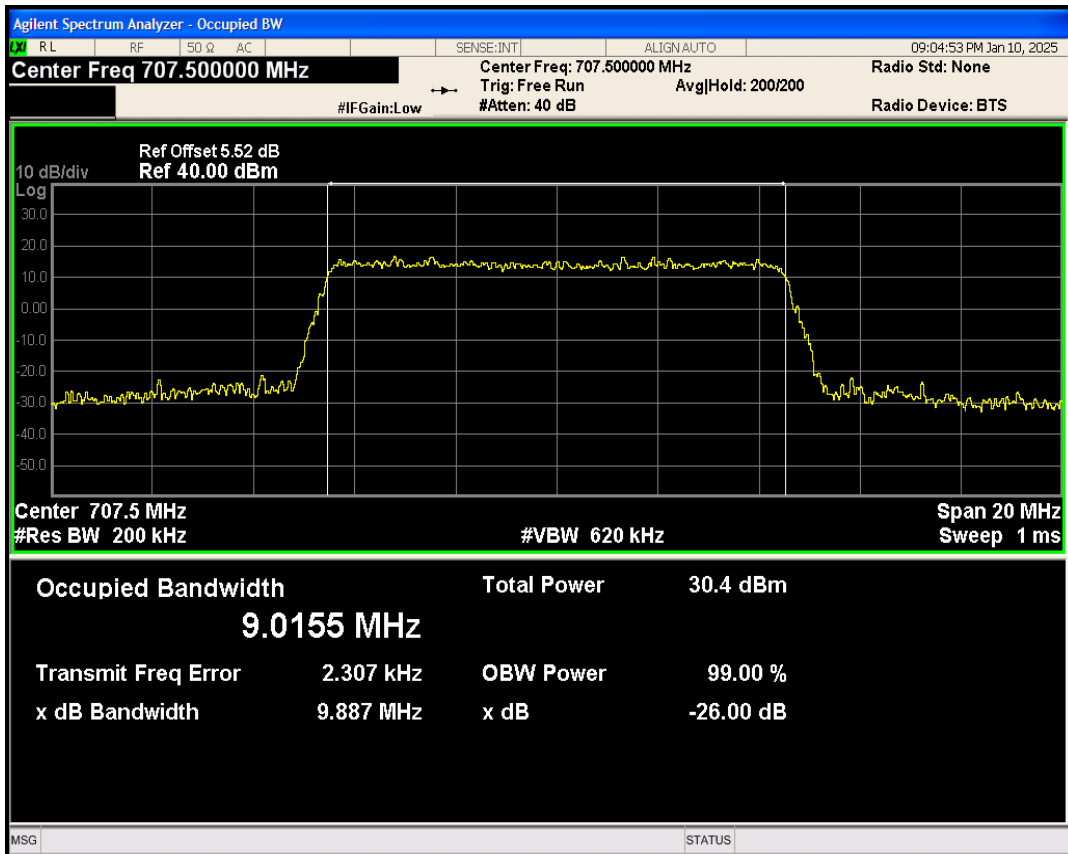
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



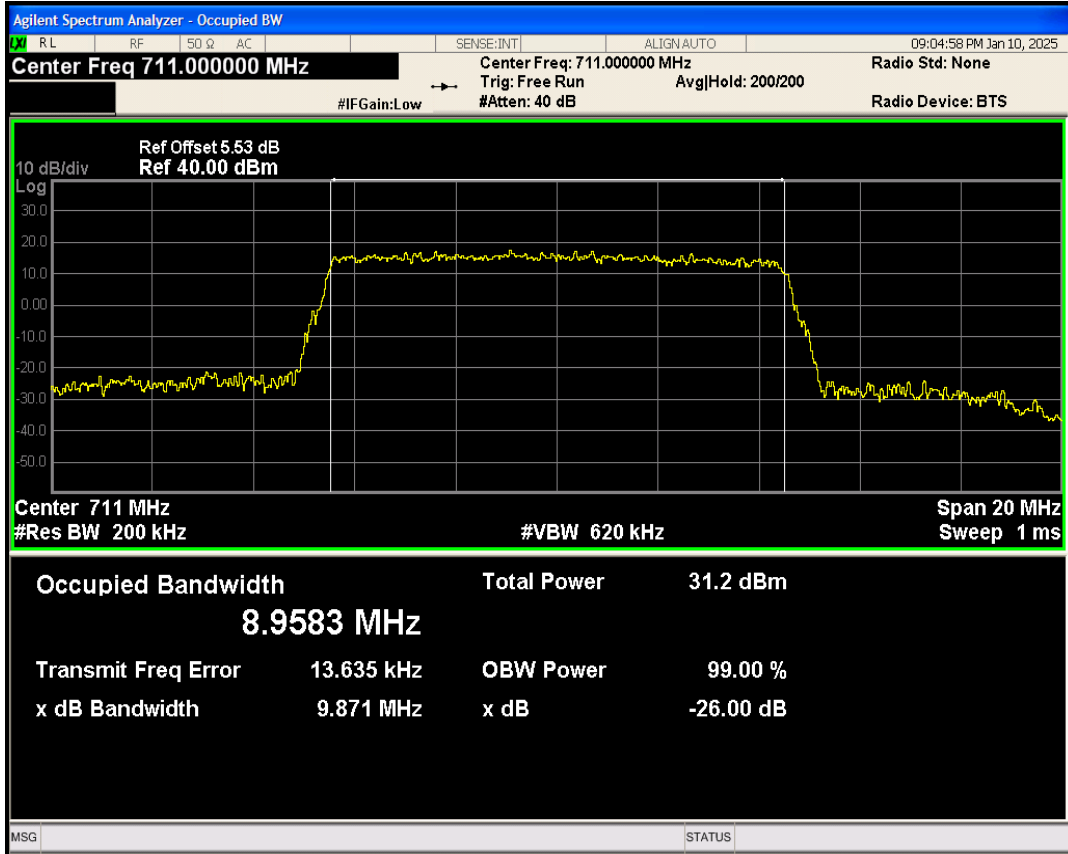
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



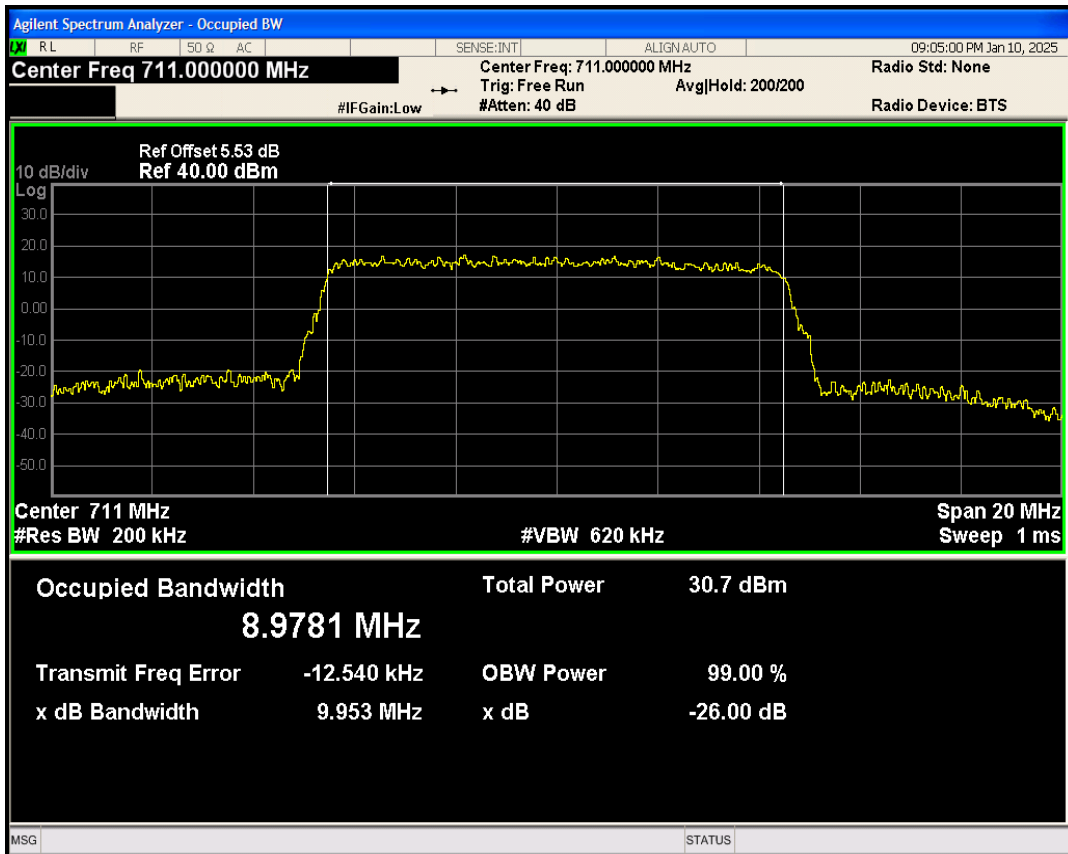
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



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



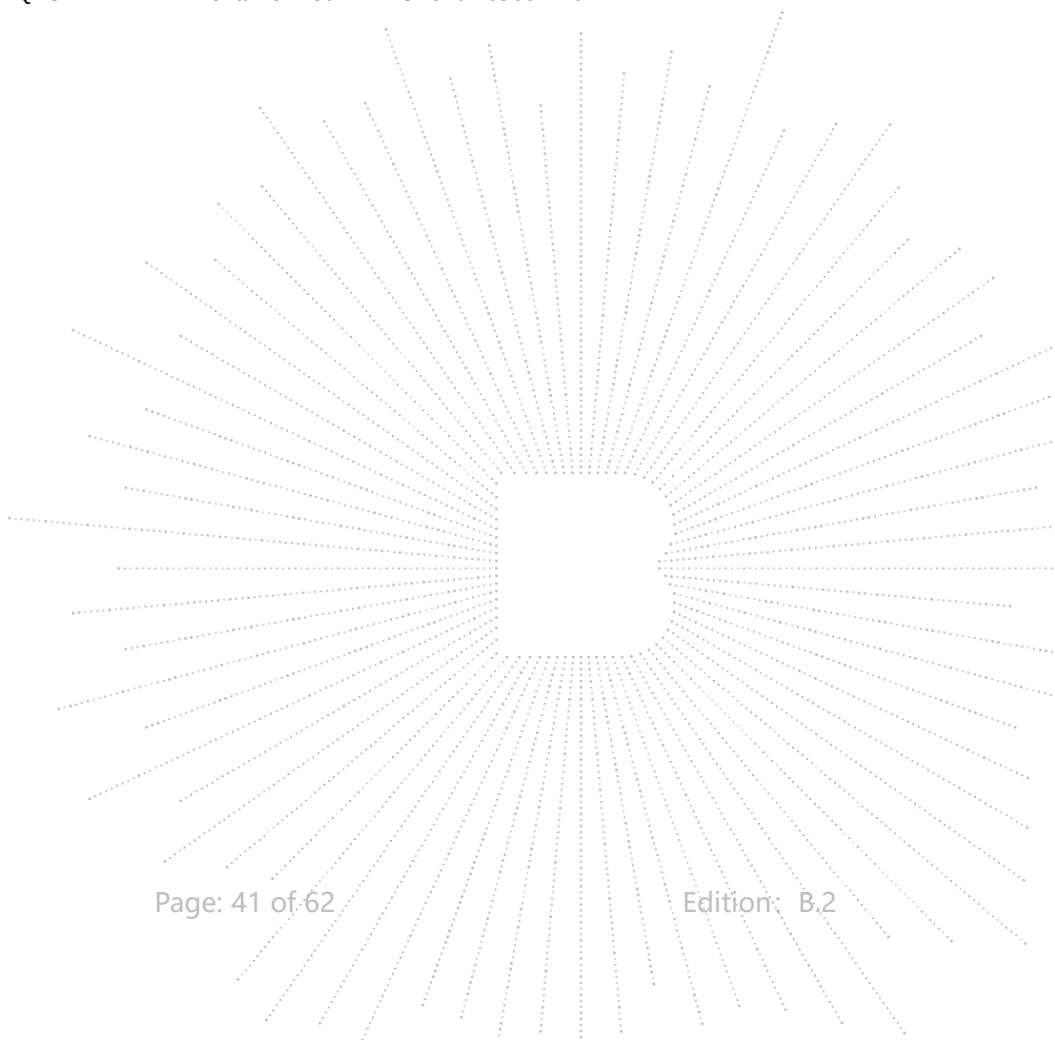
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

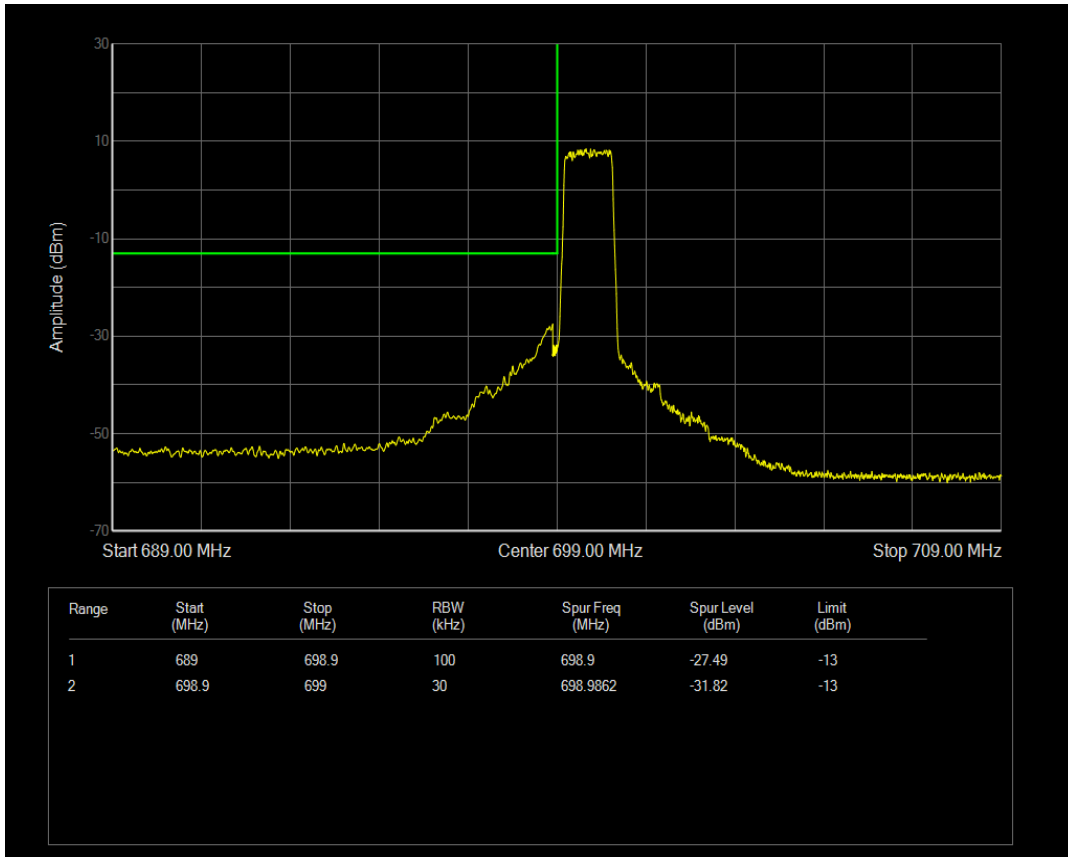


Appendix 5. Band edge

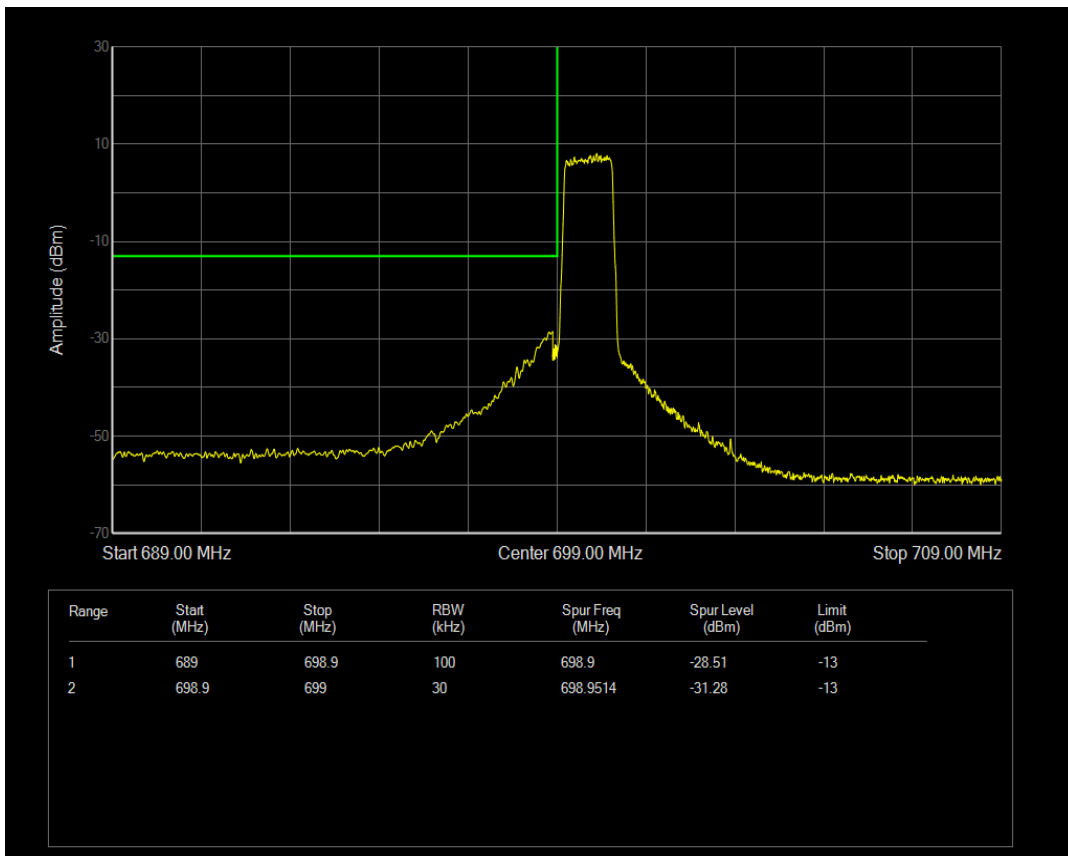
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.90	-27.49	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.90	-28.51	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.16	-25.12	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.11	-26.20	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-24.17	-13	PASS
Band12	3	23025	15	#0	16QAM	699.00	-24.32	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-24.38	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-25.24	-13	PASS
Band12	5	23035	25	#0	QPSK	698.90	-33.25	-13	PASS
Band12	5	23035	25	#0	16QAM	698.99	-33.35	-13	PASS
Band12	5	23155	25	#0	QPSK	716.40	-33.54	-13	PASS
Band12	5	23155	25	#0	16QAM	716.00	-34.66	-13	PASS
Band12	10	23060	50	#0	QPSK	698.90	-38.10	-13	PASS
Band12	10	23060	50	#0	16QAM	698.89	-37.41	-13	PASS
Band12	10	23130	50	#0	QPSK	716.11	-38.45	-13	PASS
Band12	10	23130	50	#0	16QAM	716.12	-36.84	-13	PASS

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

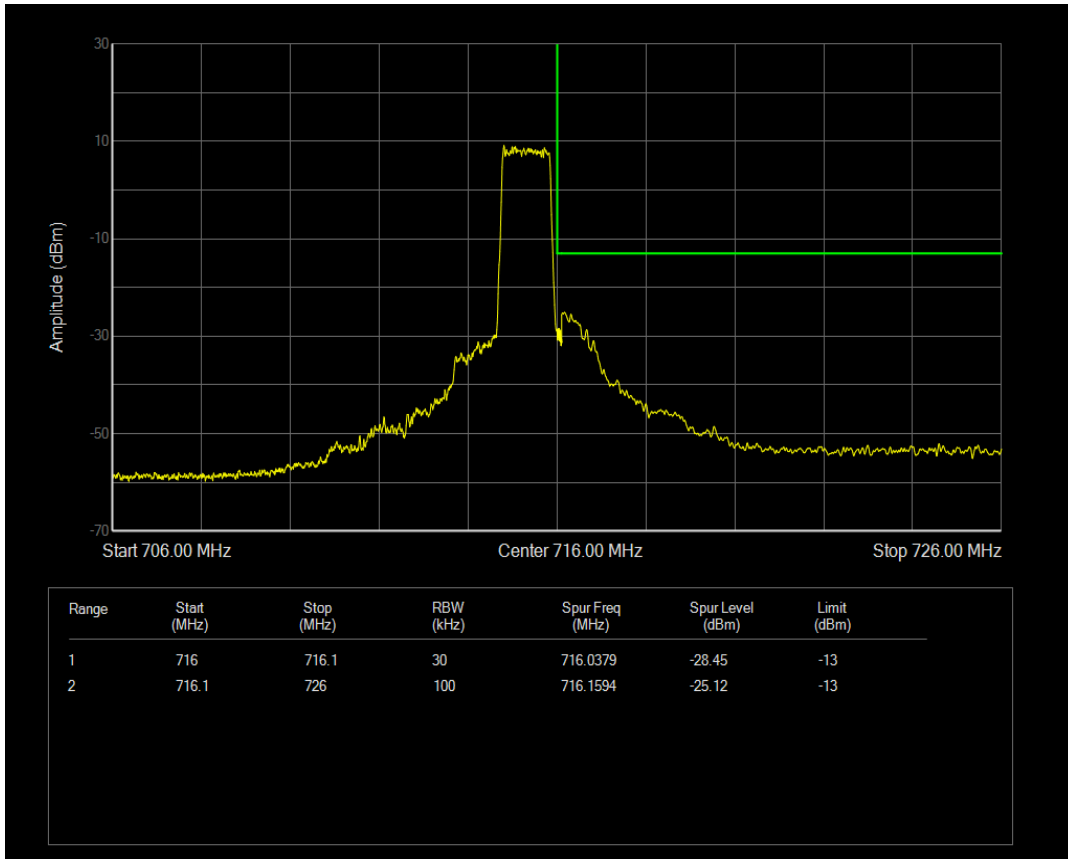




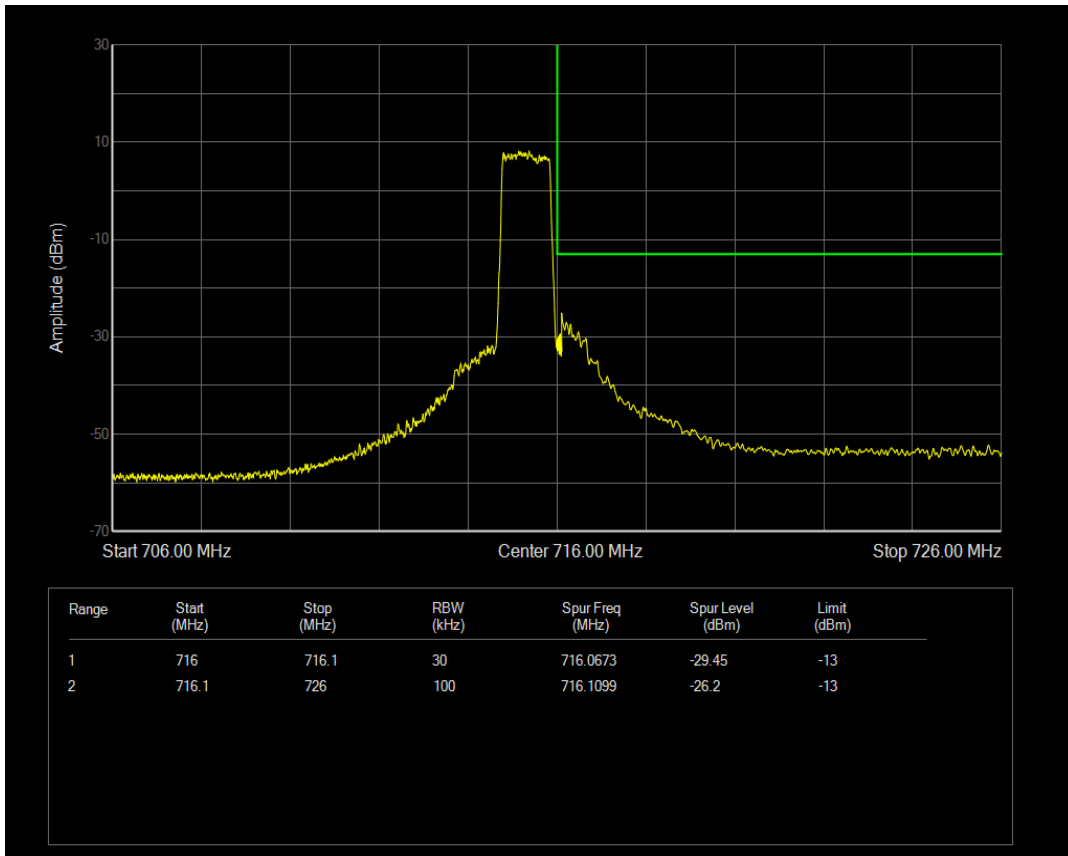
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



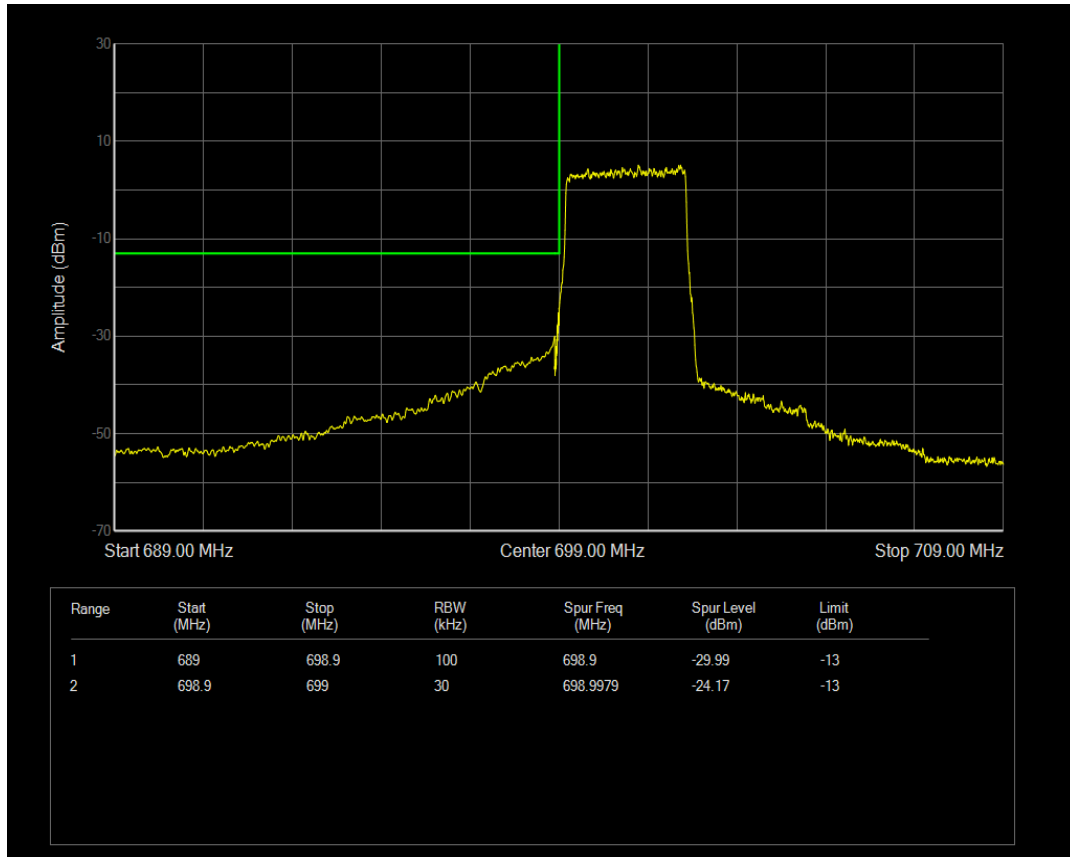
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



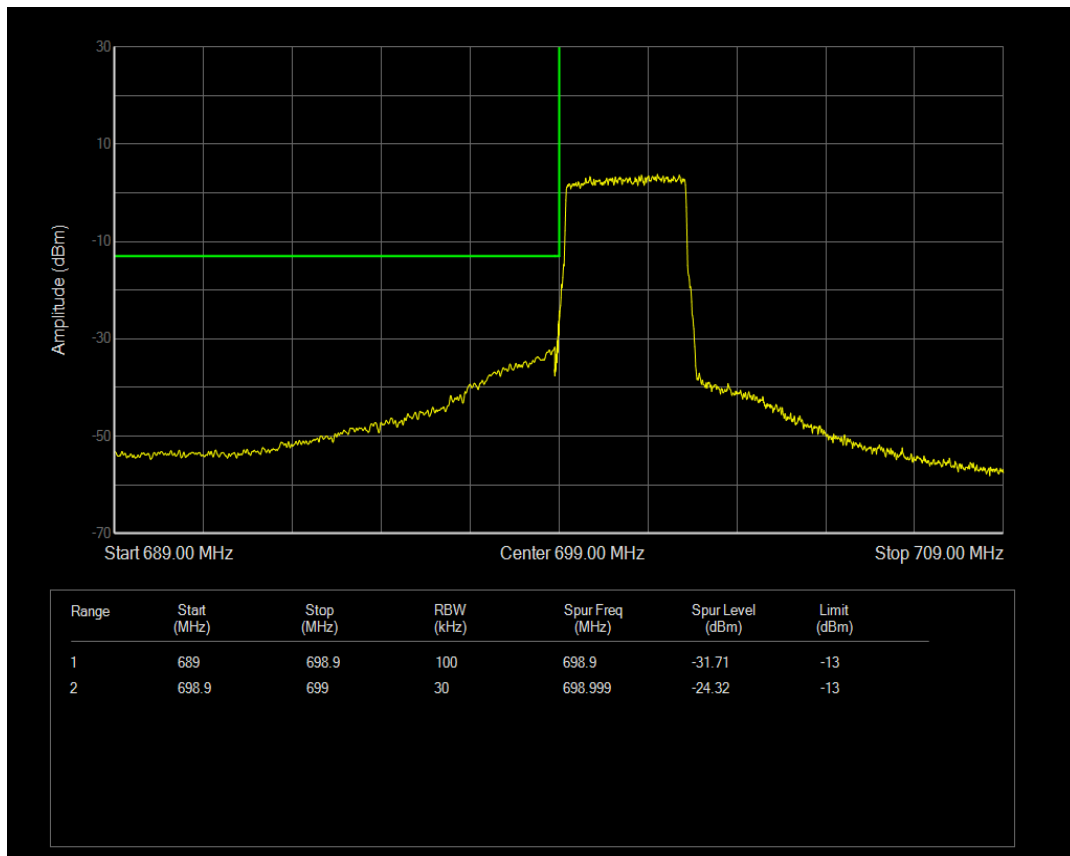
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



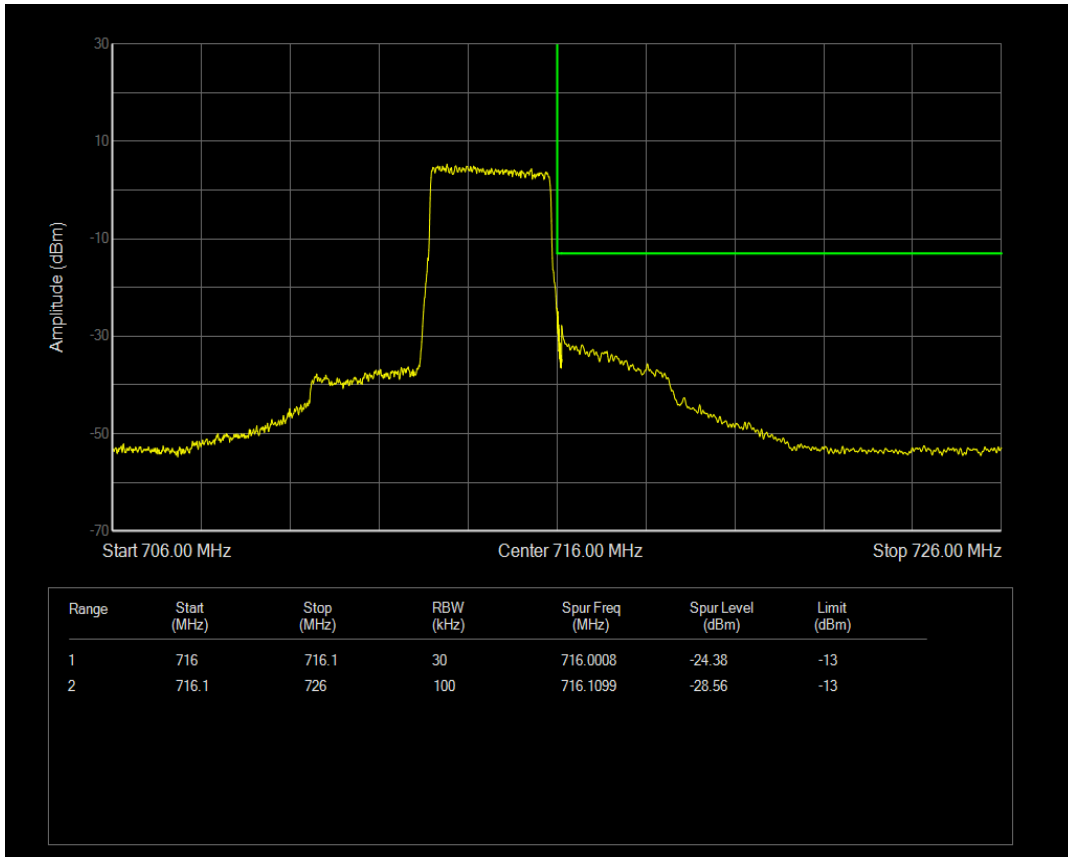
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



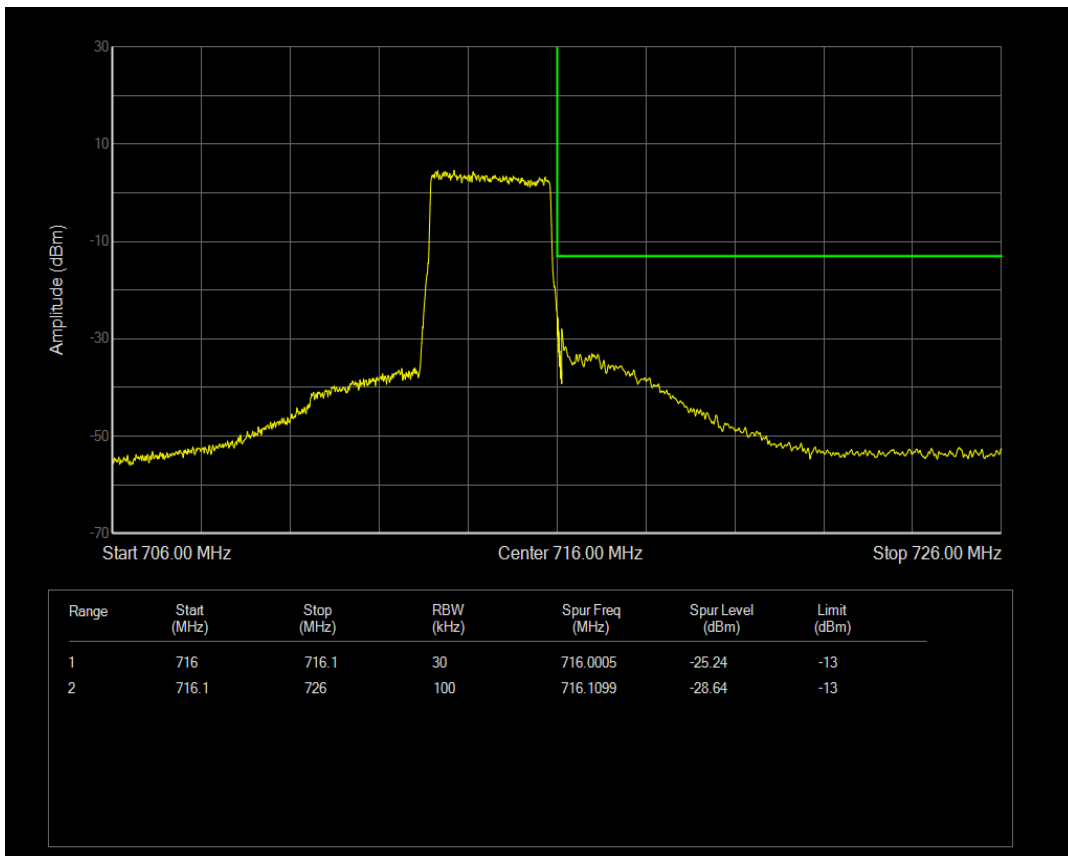
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



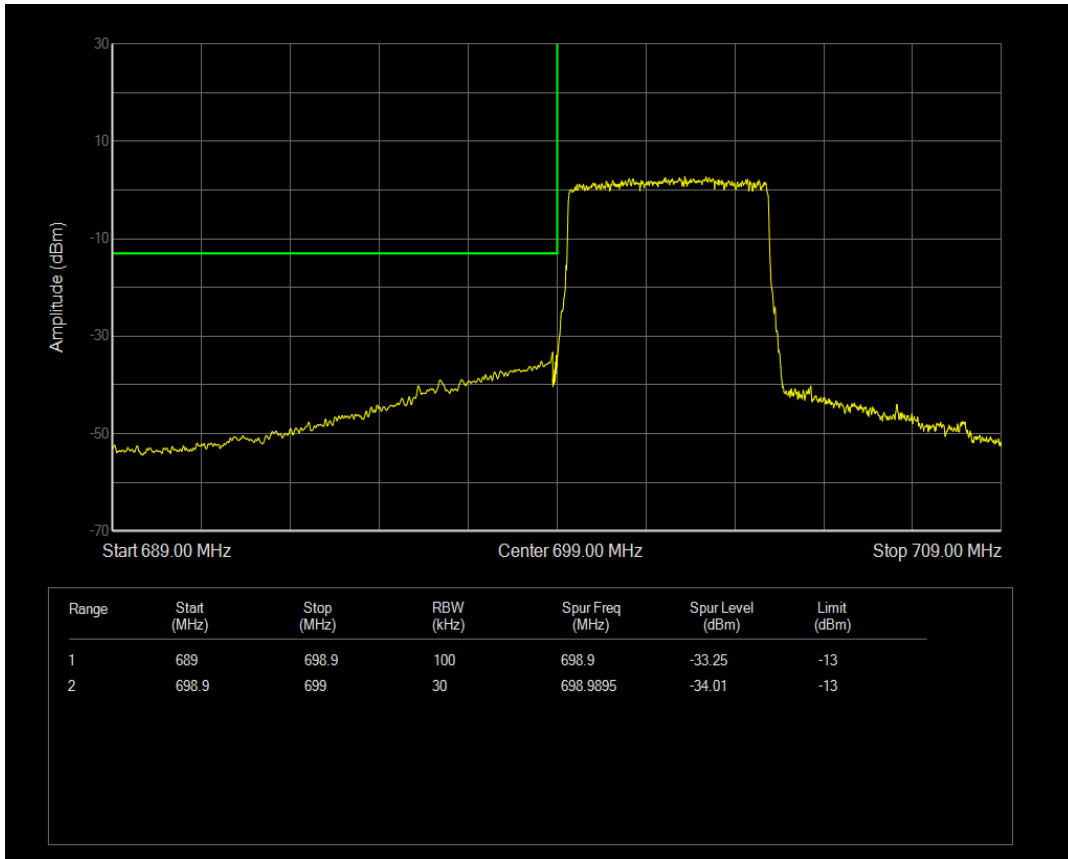
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



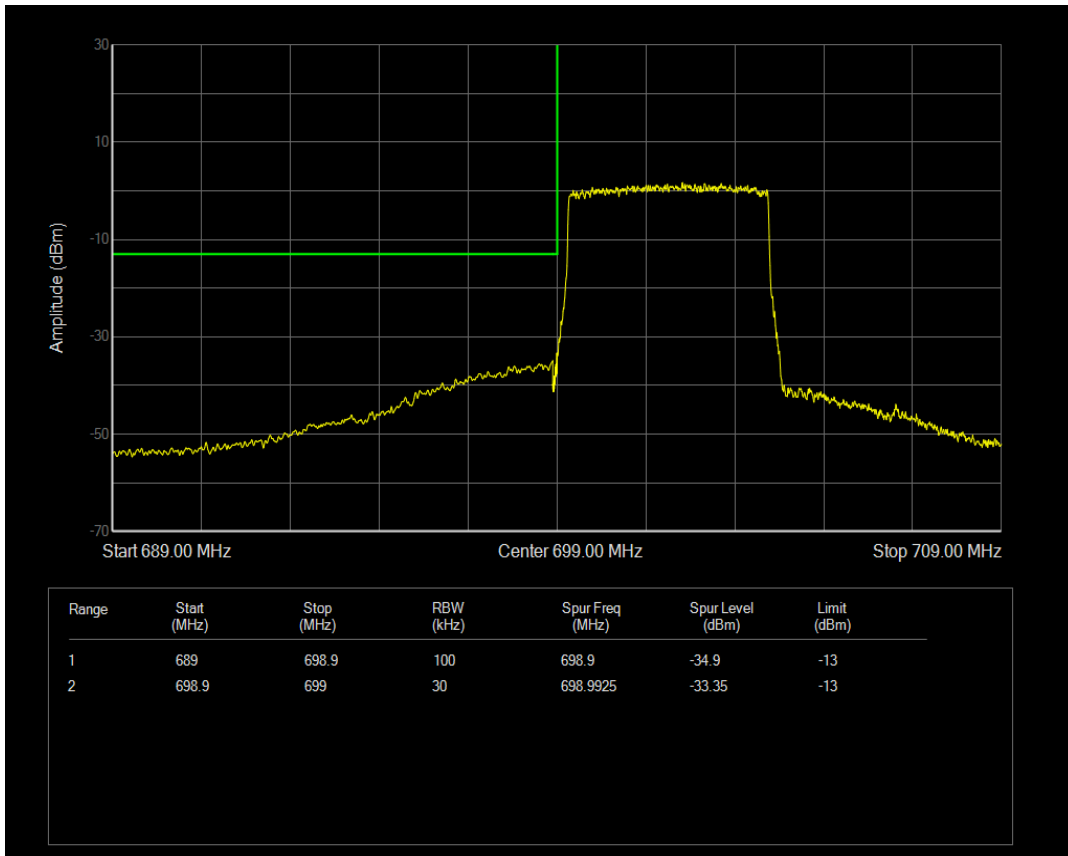
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



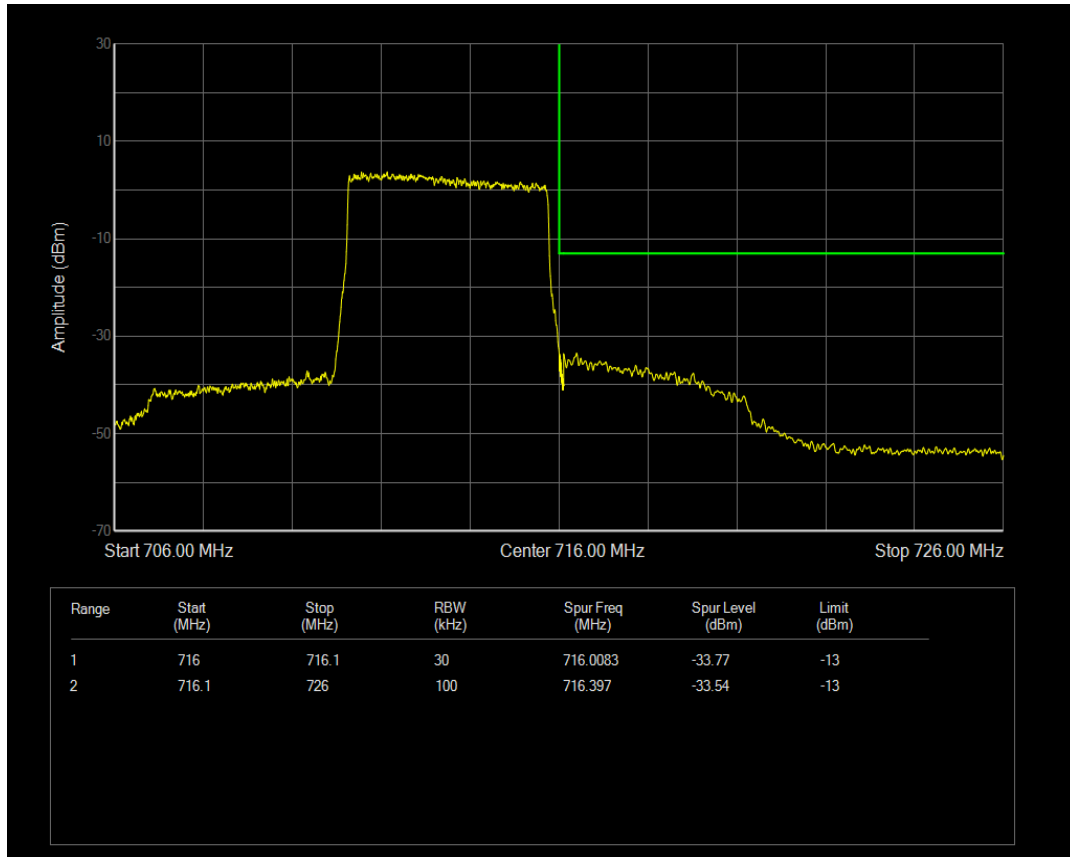
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



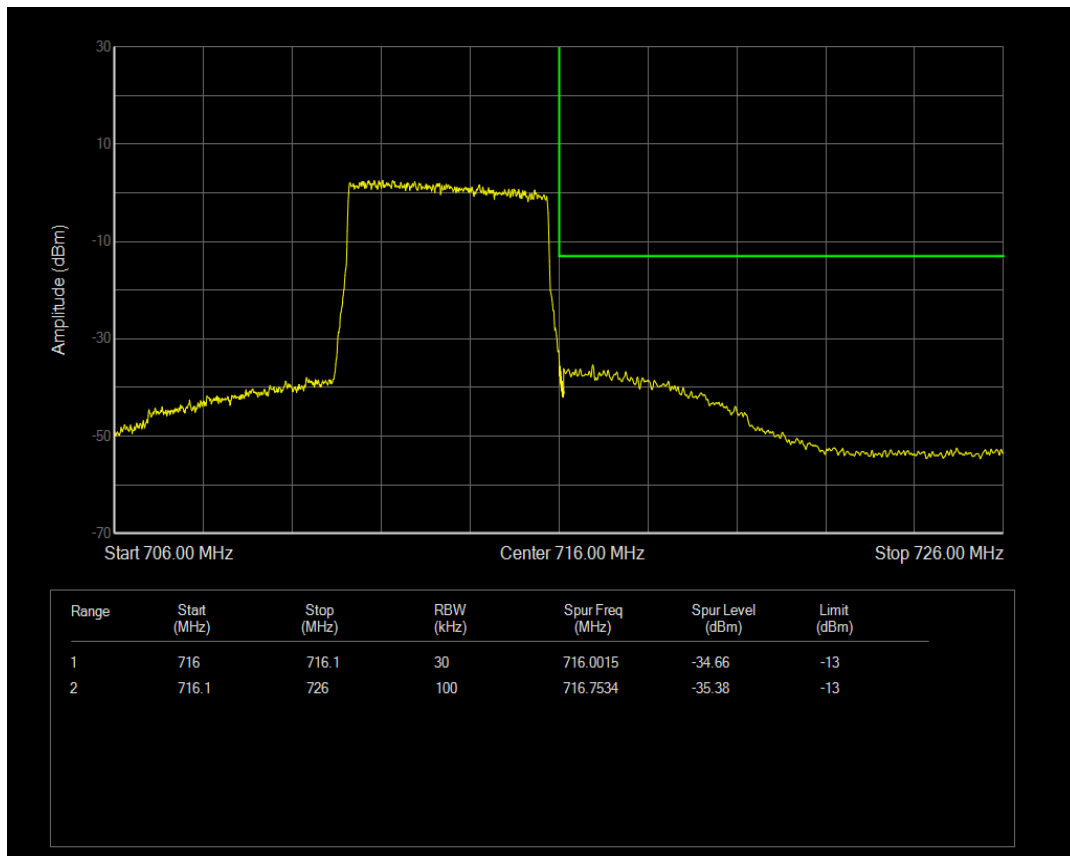
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



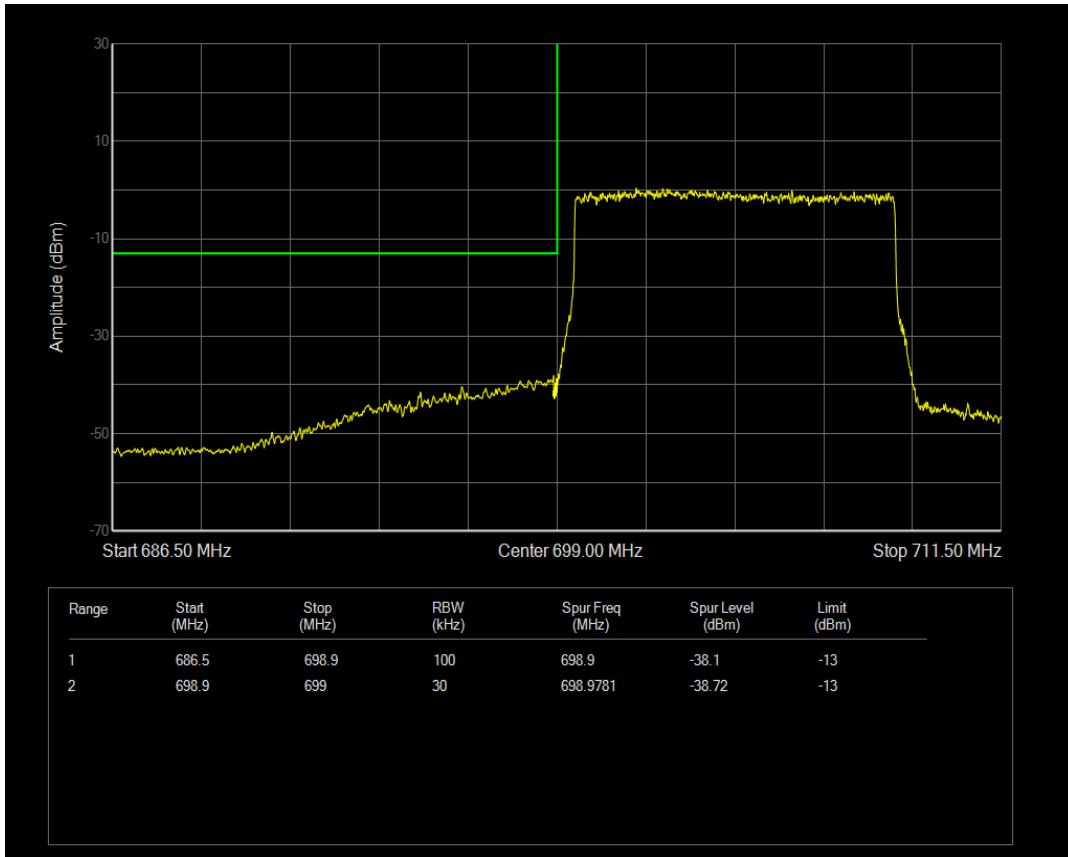
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



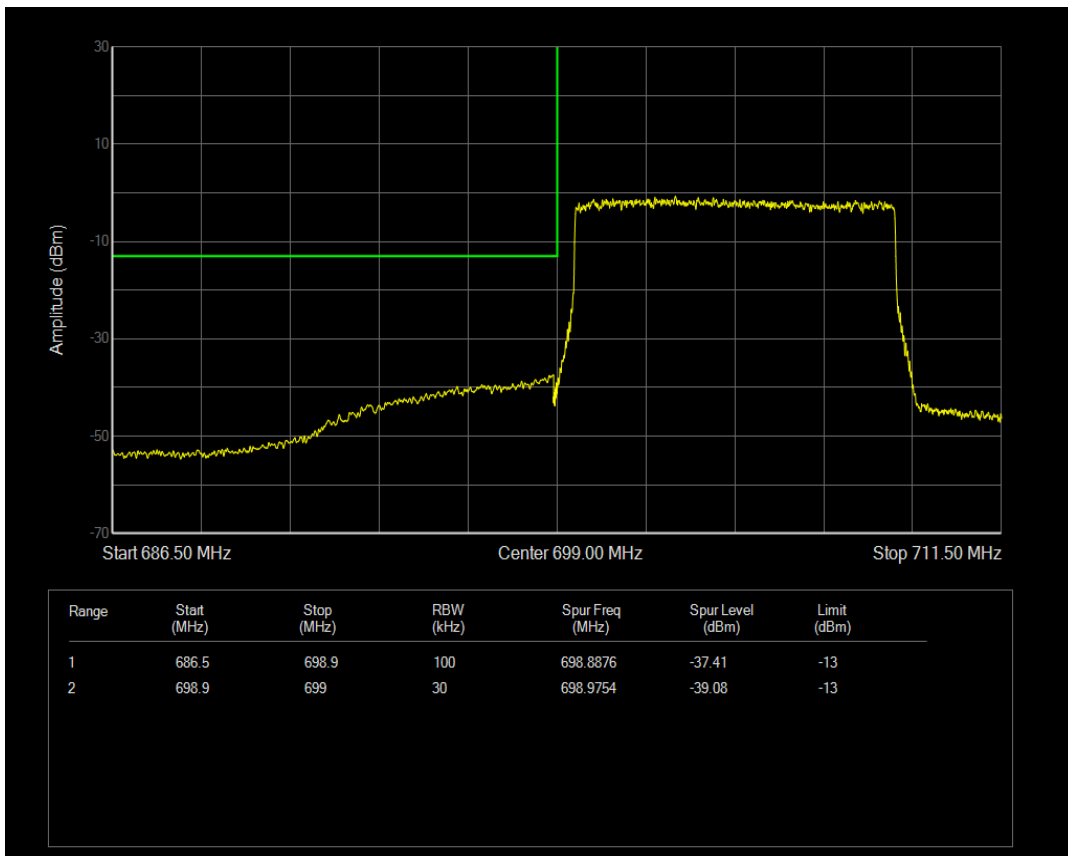
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



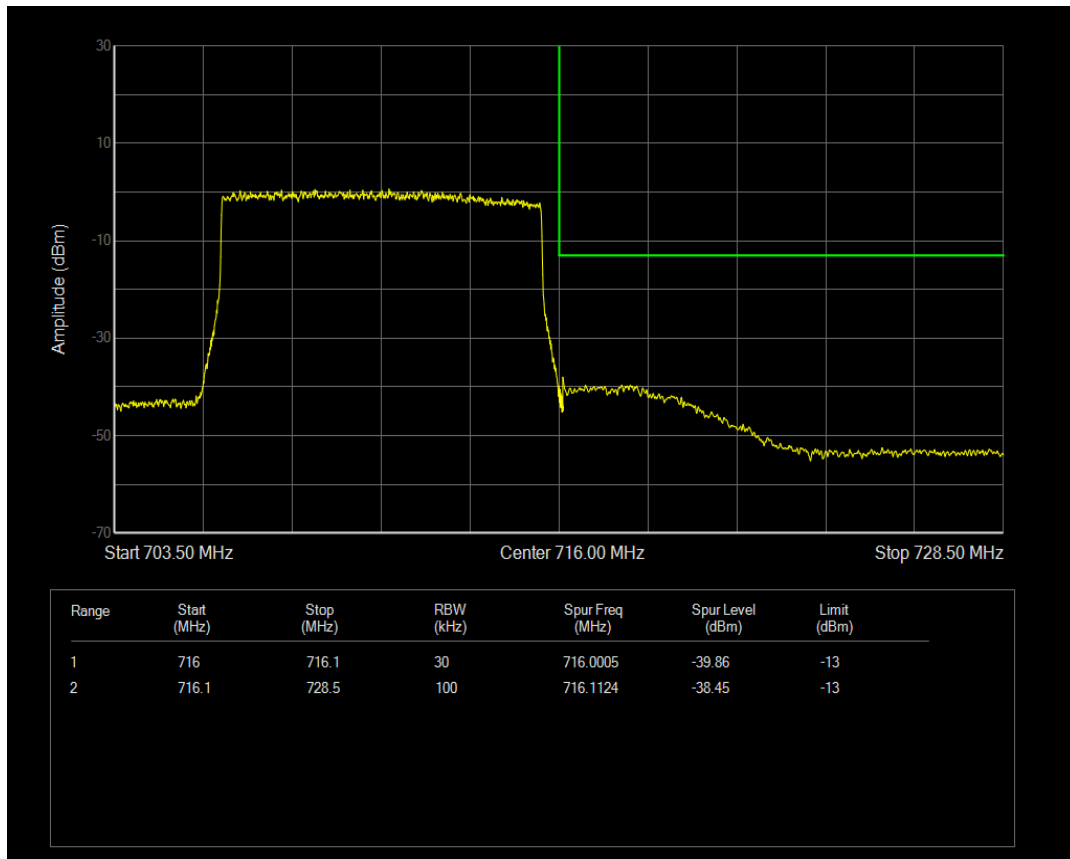
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



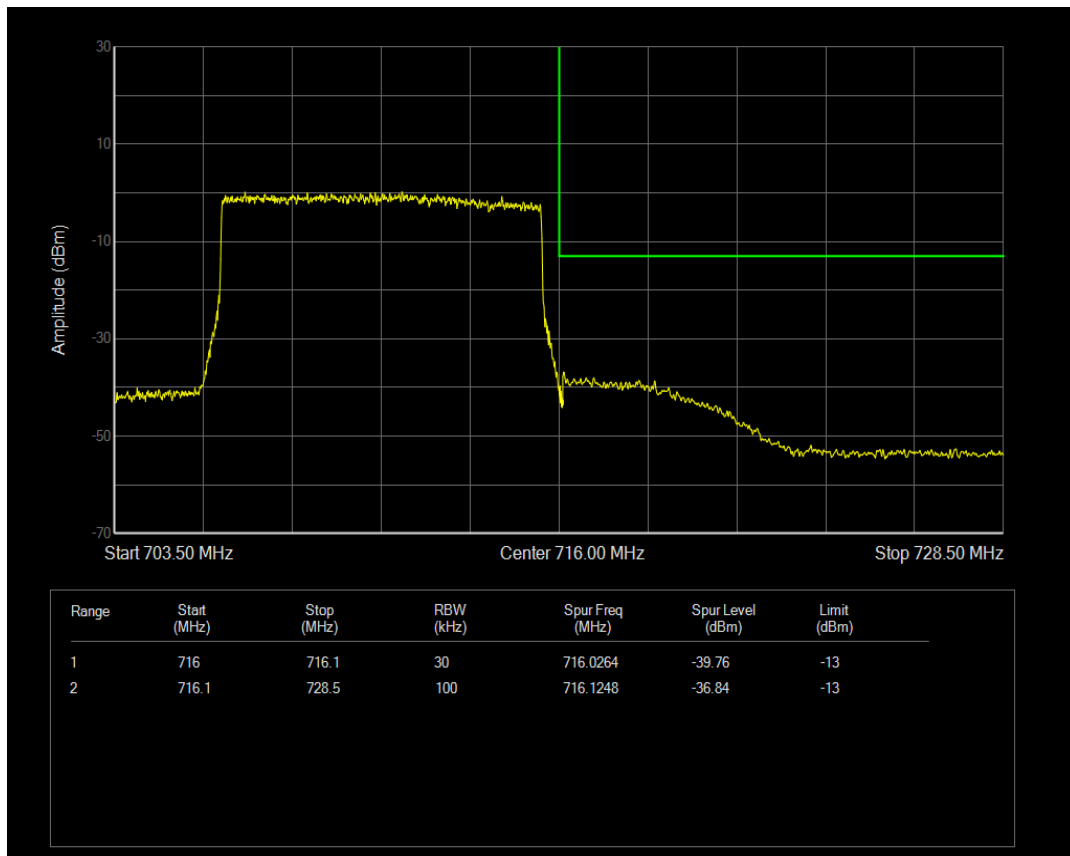
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



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



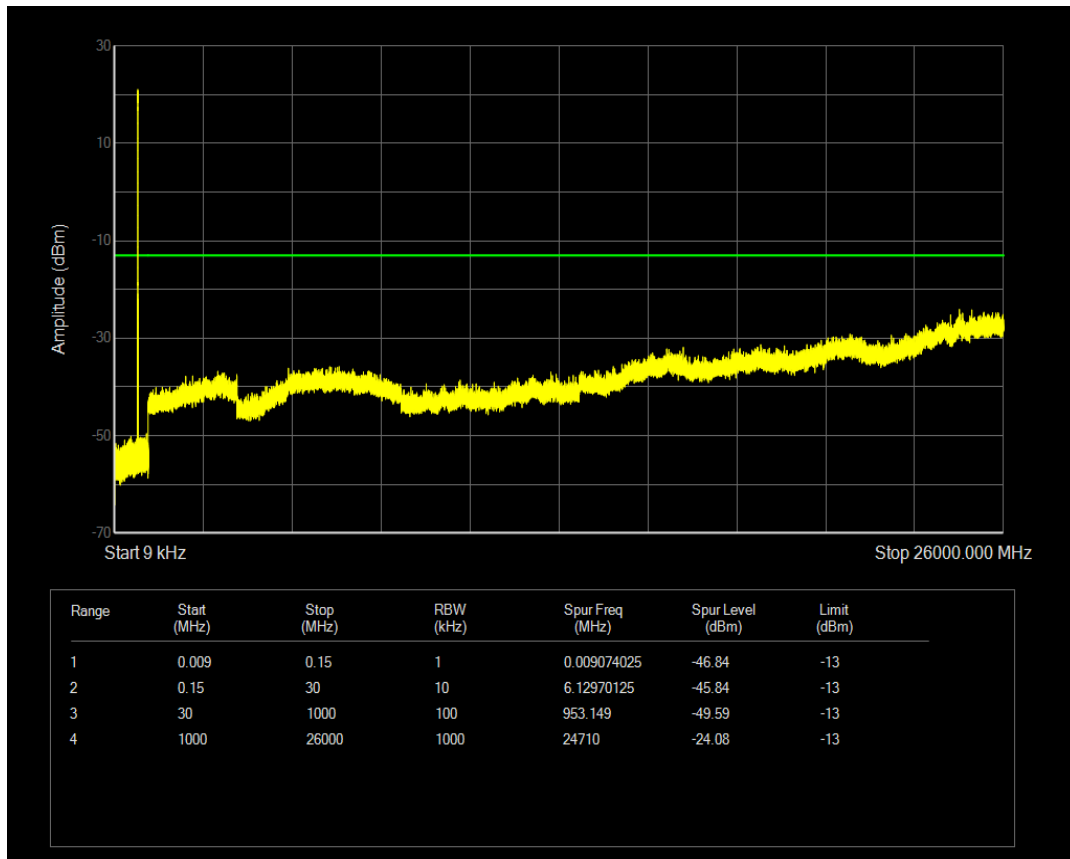
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0



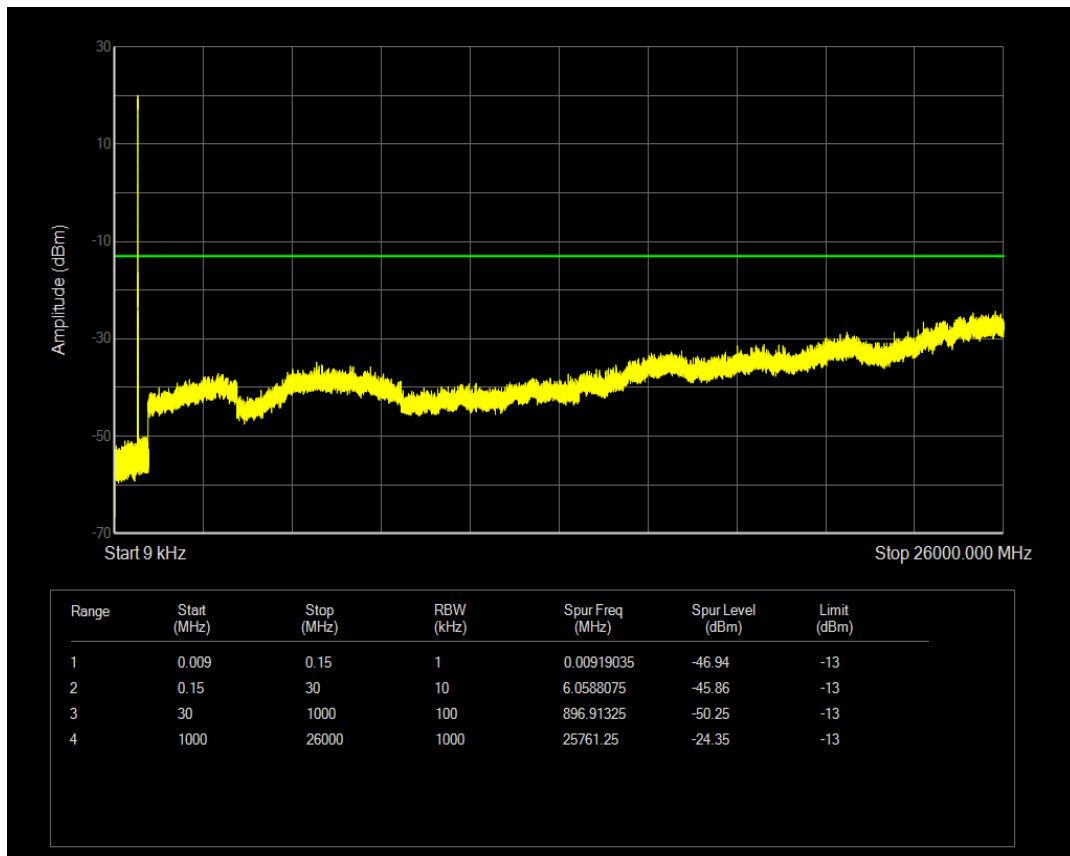
Appendix 6. Out-of-band emissions

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	24710.00	-24.08	-13	PASS
Band12	1.4	23017	6	#0	16QAM	25761.25	-24.35	-13	PASS
Band12	1.4	23095	6	#0	QPSK	24712.50	-23.79	-13	PASS
Band12	1.4	23095	6	#0	16QAM	25970.00	-24.10	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25985.63	-23.69	-13	PASS
Band12	1.4	23173	6	#0	16QAM	25444.38	-24.42	-13	PASS
Band12	3	23025	15	#0	QPSK	25690.00	-23.64	-13	PASS
Band12	3	23025	15	#0	16QAM	25074.38	-23.45	-13	PASS
Band12	3	23095	15	#0	QPSK	25159.38	-24.78	-13	PASS
Band12	3	23095	15	#0	16QAM	25786.25	-23.87	-13	PASS
Band12	3	23165	15	#0	QPSK	25030.63	-24.32	-13	PASS
Band12	3	23165	15	#0	16QAM	25125.00	-24.74	-13	PASS
Band12	5	23035	25	#0	QPSK	24989.38	-24.21	-13	PASS
Band12	5	23035	25	#0	16QAM	25750.63	-24.42	-13	PASS
Band12	5	23095	25	#0	QPSK	25605.63	-23.44	-13	PASS
Band12	5	23095	25	#0	16QAM	25970.00	-24.03	-13	PASS
Band12	5	23155	25	#0	QPSK	25555.00	-24.30	-13	PASS
Band12	5	23155	25	#0	16QAM	25592.50	-24.06	-13	PASS
Band12	10	23060	50	#0	QPSK	25091.88	-23.97	-13	PASS
Band12	10	23060	50	#0	16QAM	25128.13	-23.61	-13	PASS
Band12	10	23095	50	#0	QPSK	25894.38	-24.68	-13	PASS
Band12	10	23095	50	#0	16QAM	25398.13	-24.43	-13	PASS
Band12	10	23130	50	#0	QPSK	25628.75	-23.49	-13	PASS
Band12	10	23130	50	#0	16QAM	25836.25	-23.83	-13	PASS

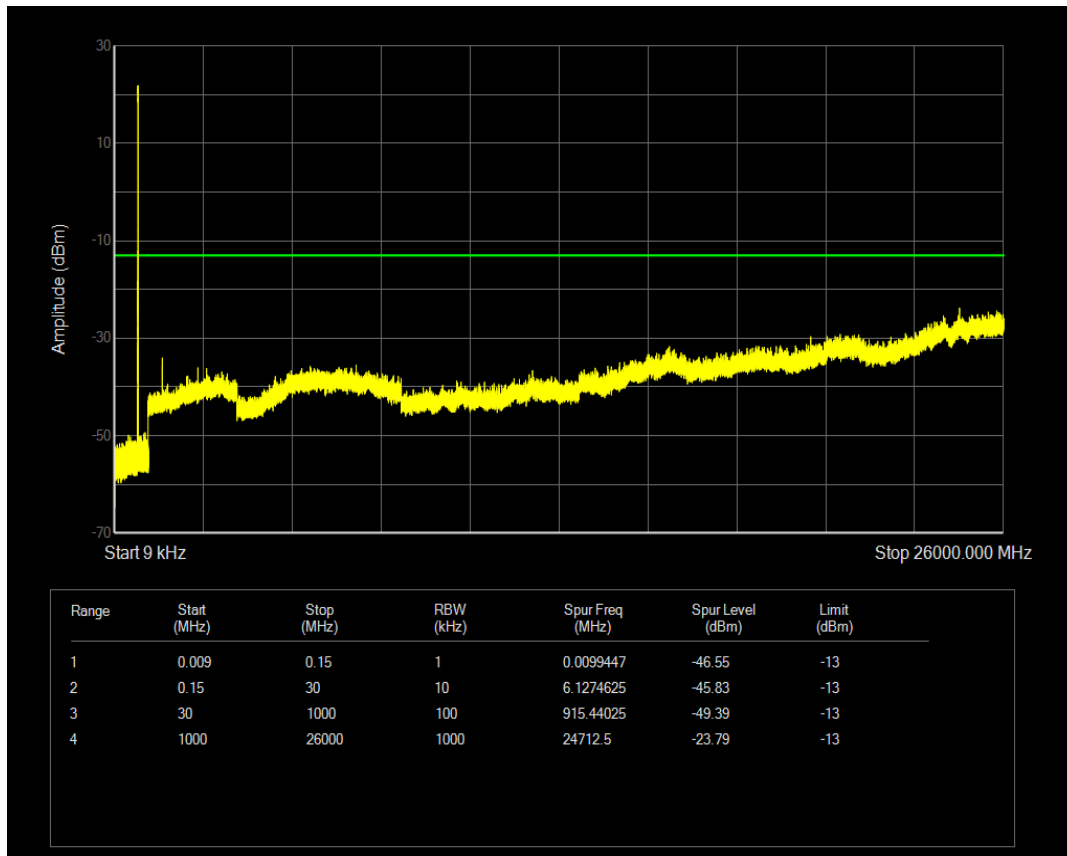
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



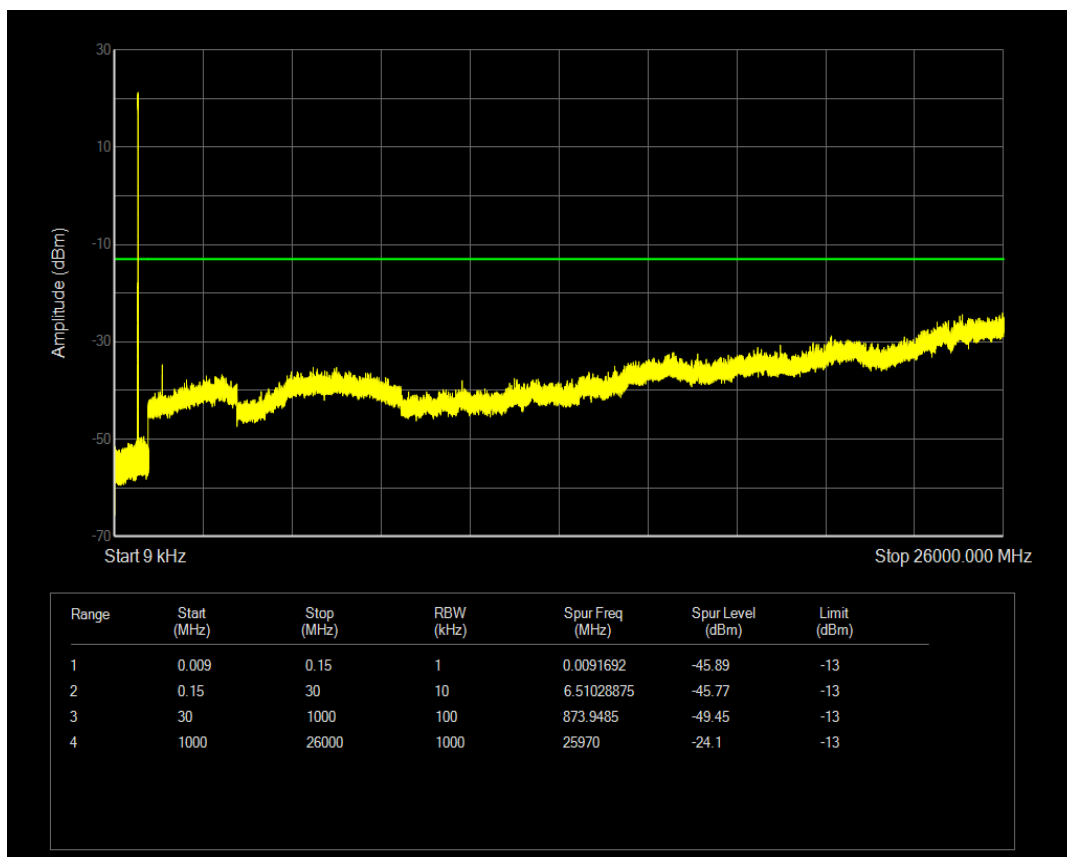
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



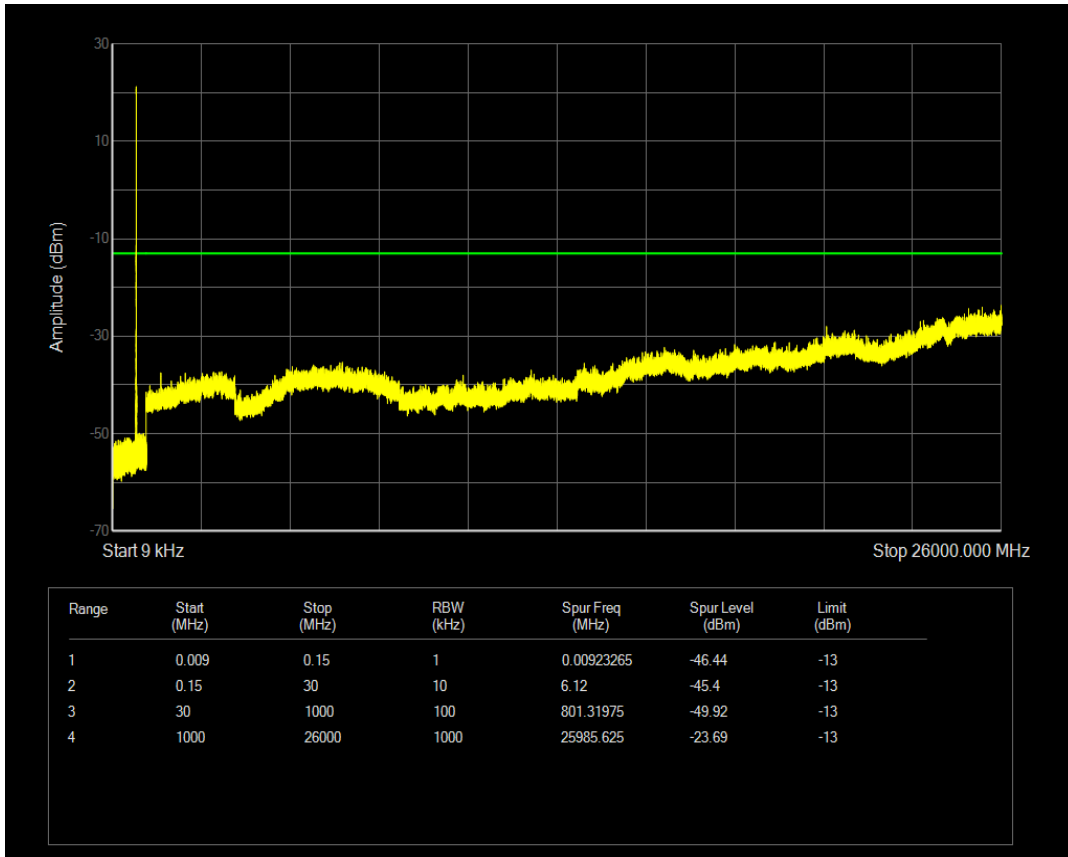
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



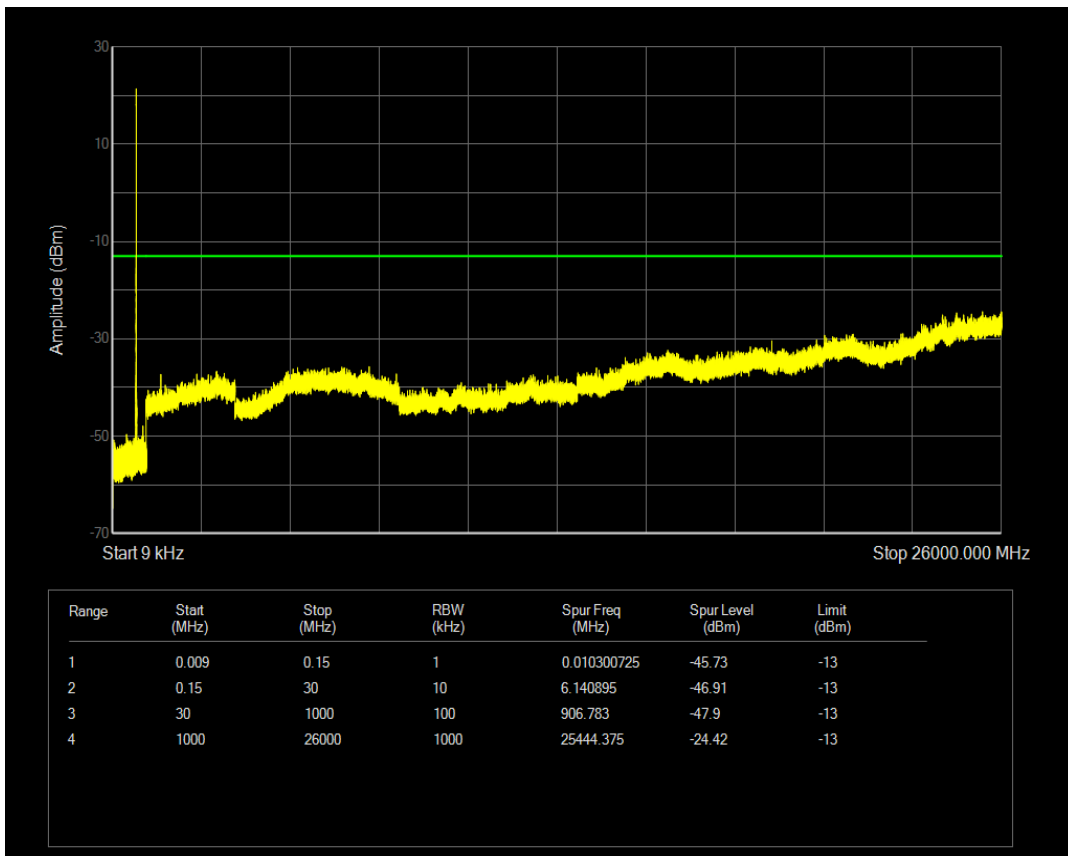
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



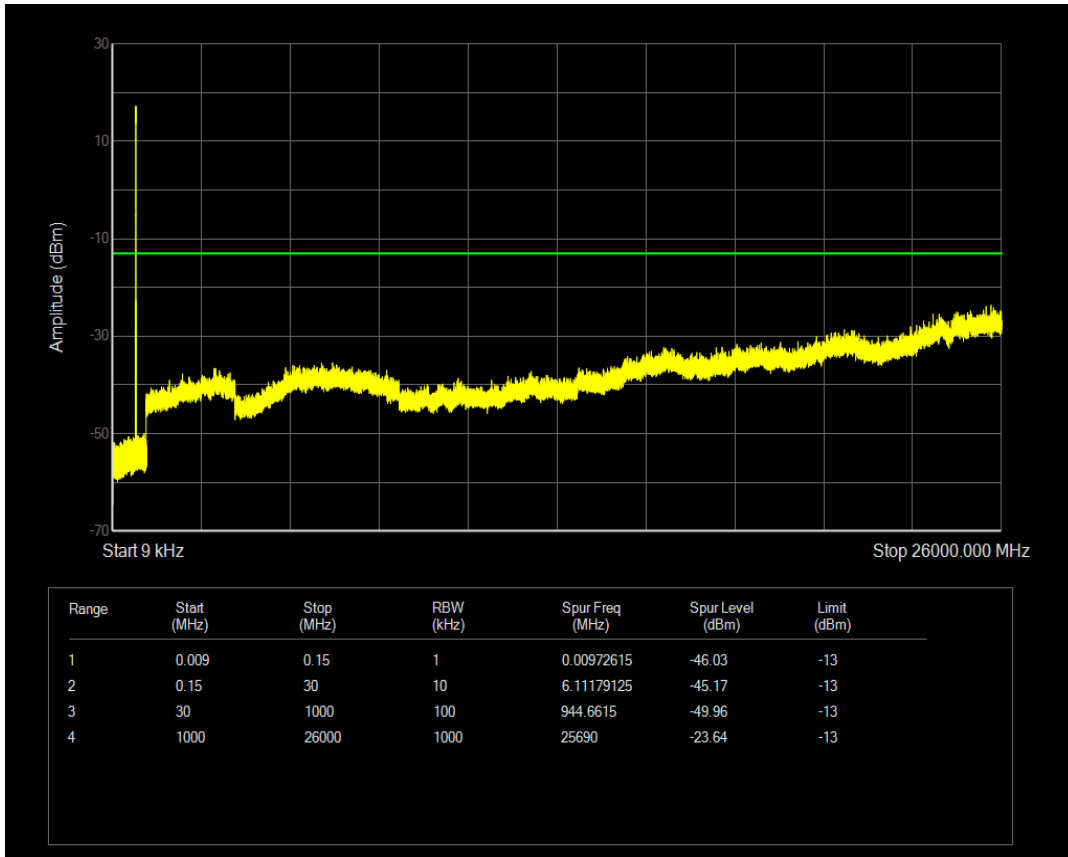
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



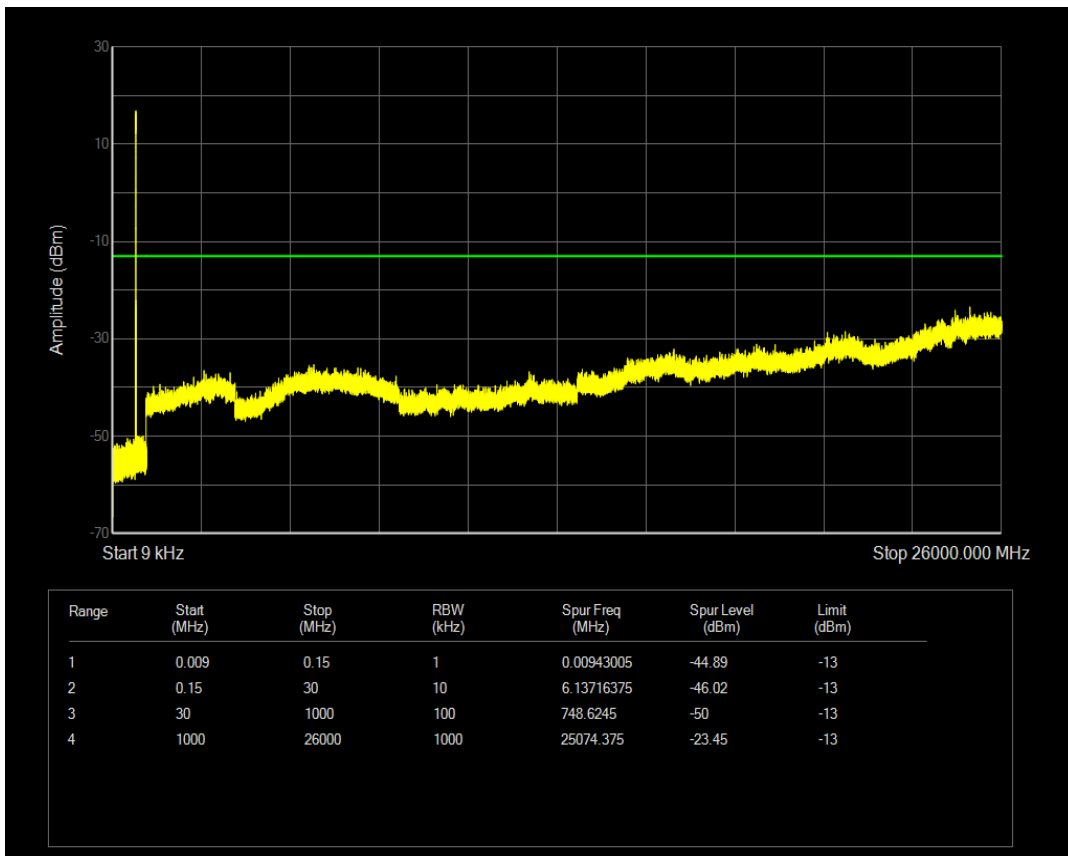
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



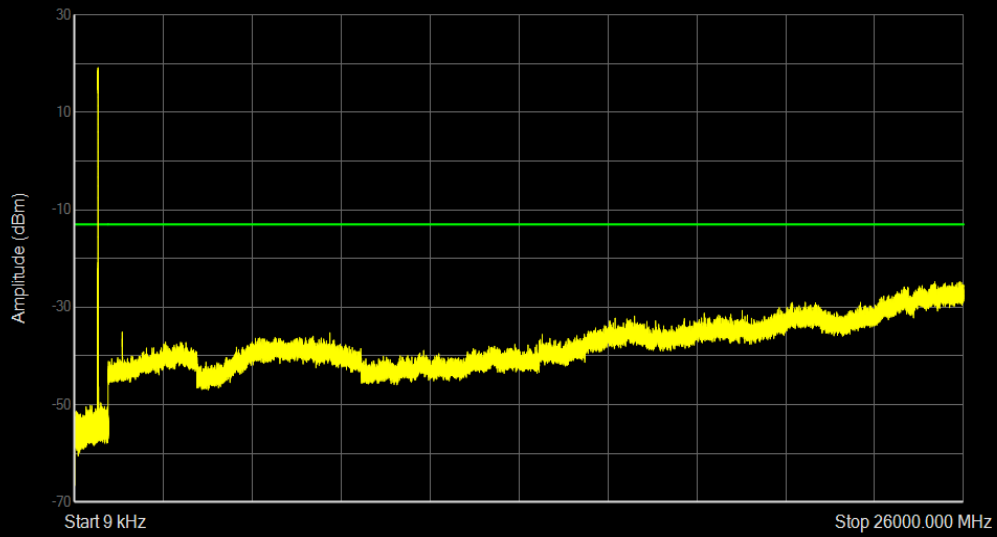
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



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

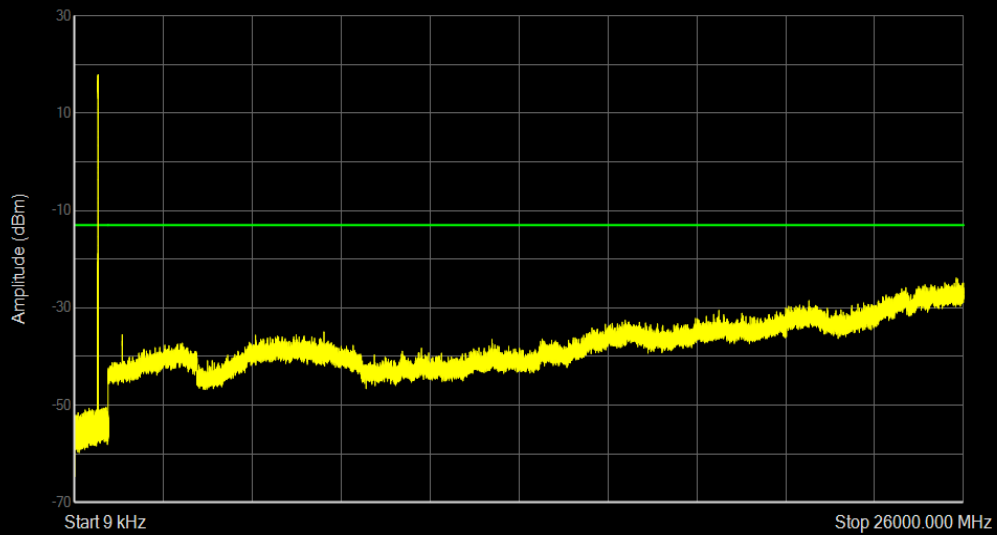


Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



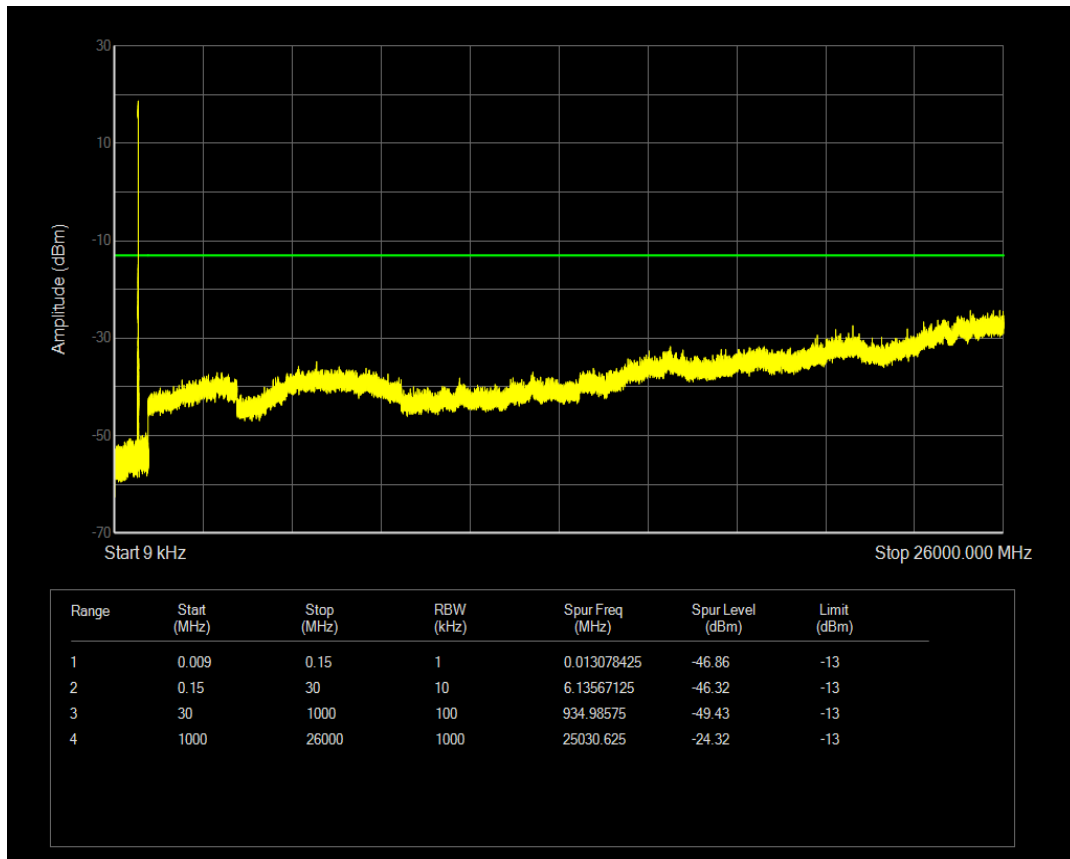
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010173825	-46.4	-13
2	0.15	30	10	6.67147875	-46.21	-13
3	30	1000	100	789.4615	-49.63	-13
4	1000	26000	1000	25159.375	-24.78	-13

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

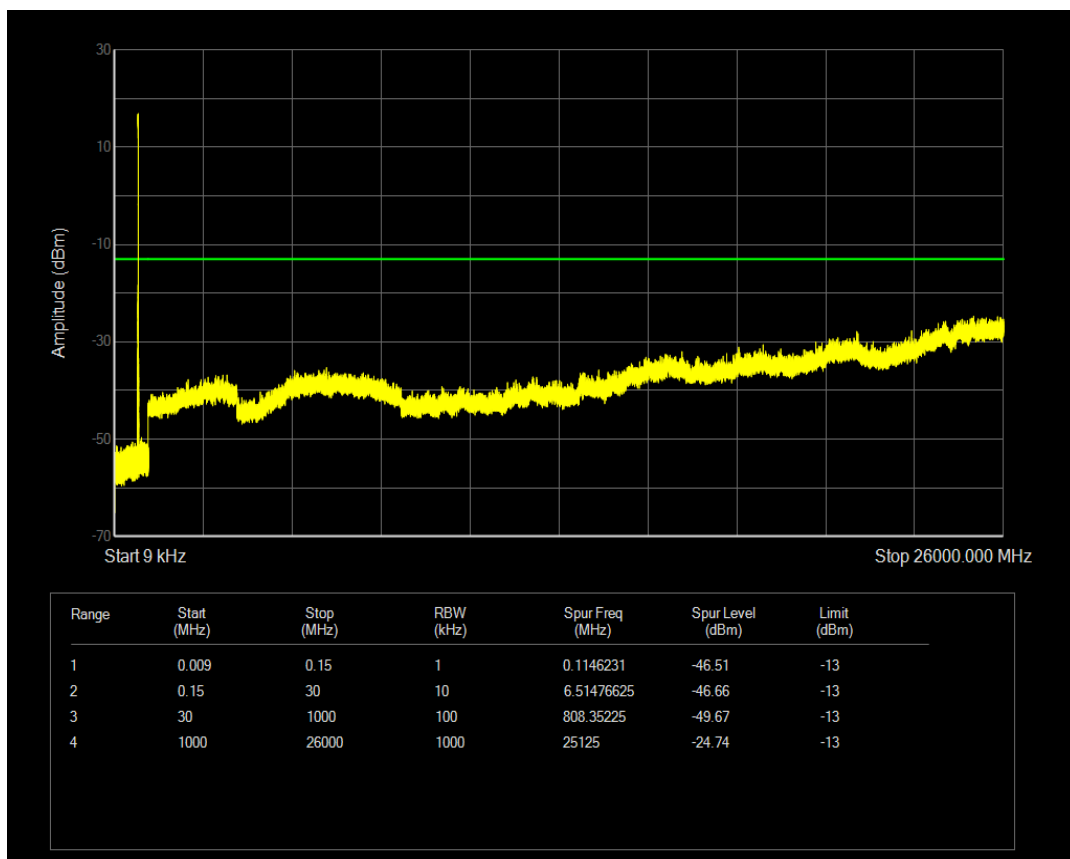


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116783925	-46.59	-13
2	0.15	30	10	6.146865	-45.86	-13
3	30	1000	100	941.1695	-50.47	-13
4	1000	26000	1000	25786.25	-23.87	-13

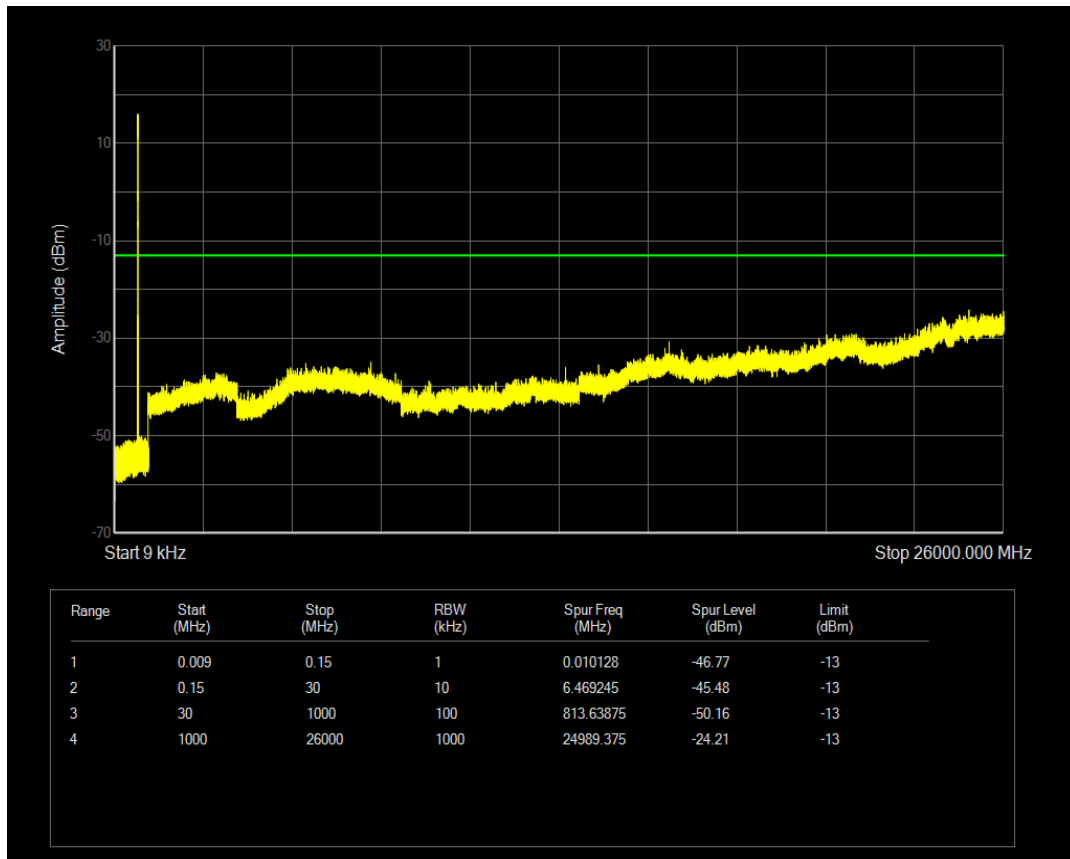
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



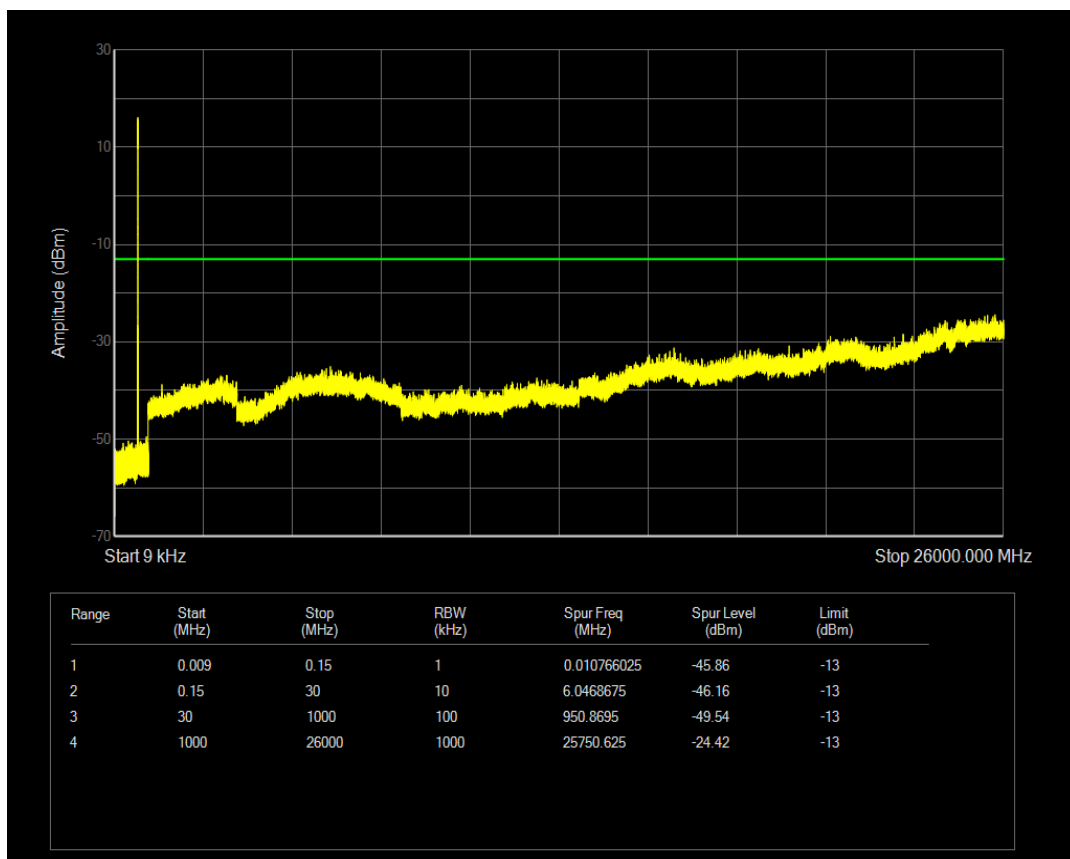
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



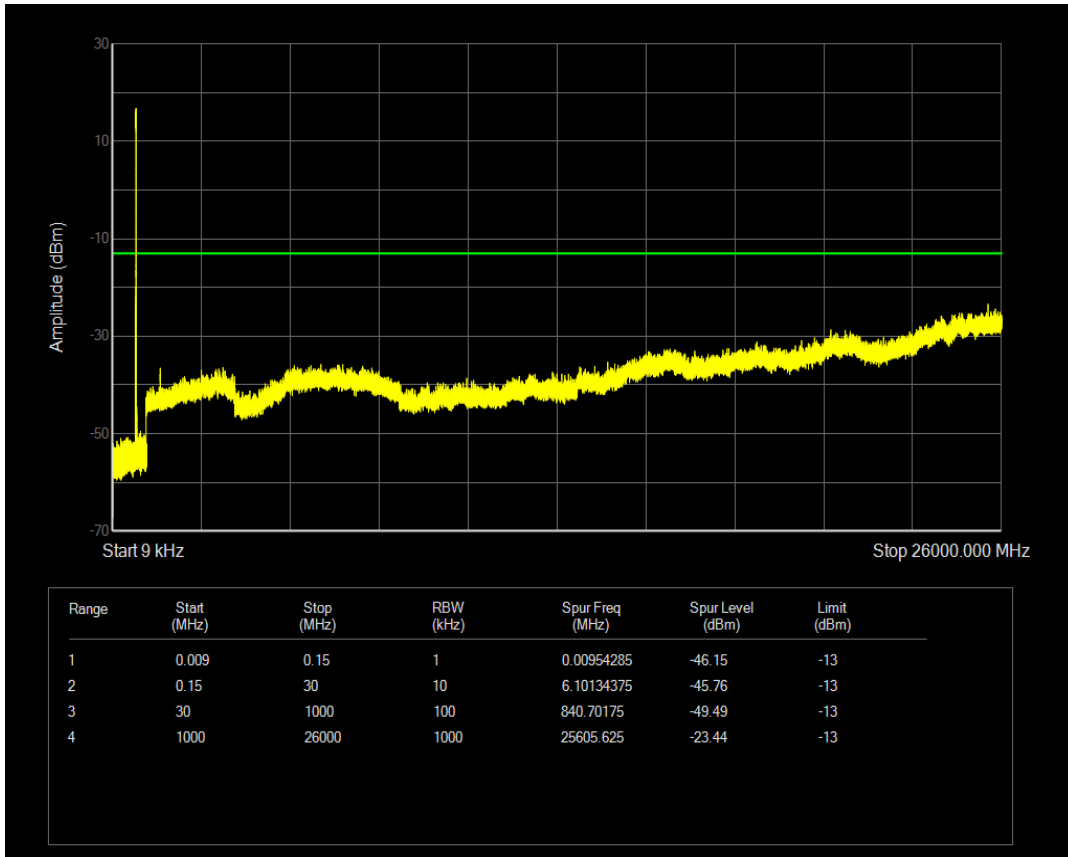
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



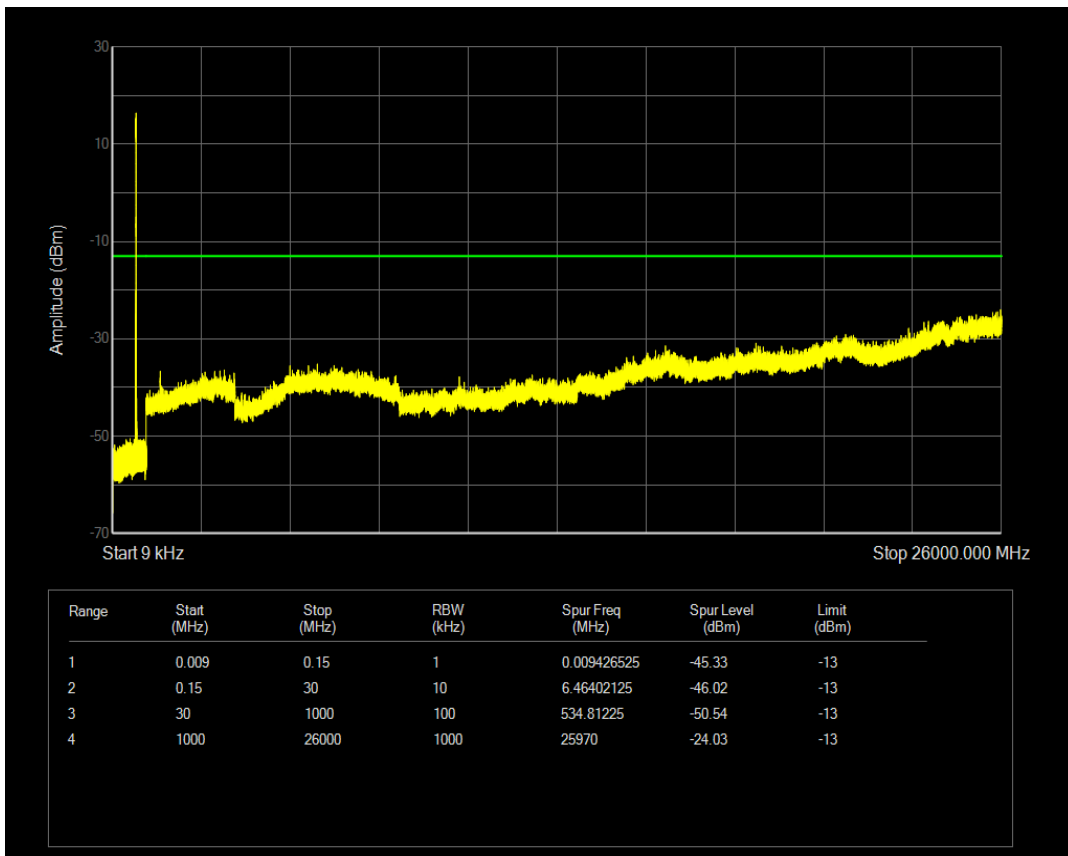
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



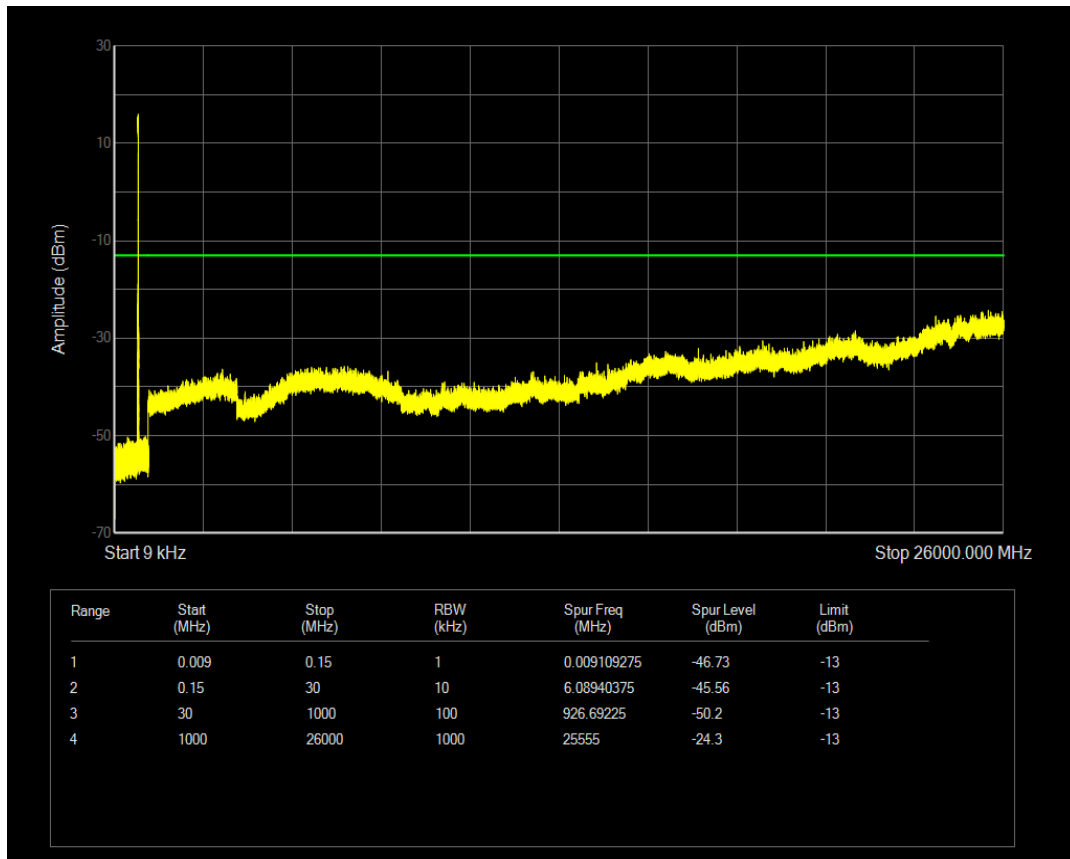
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



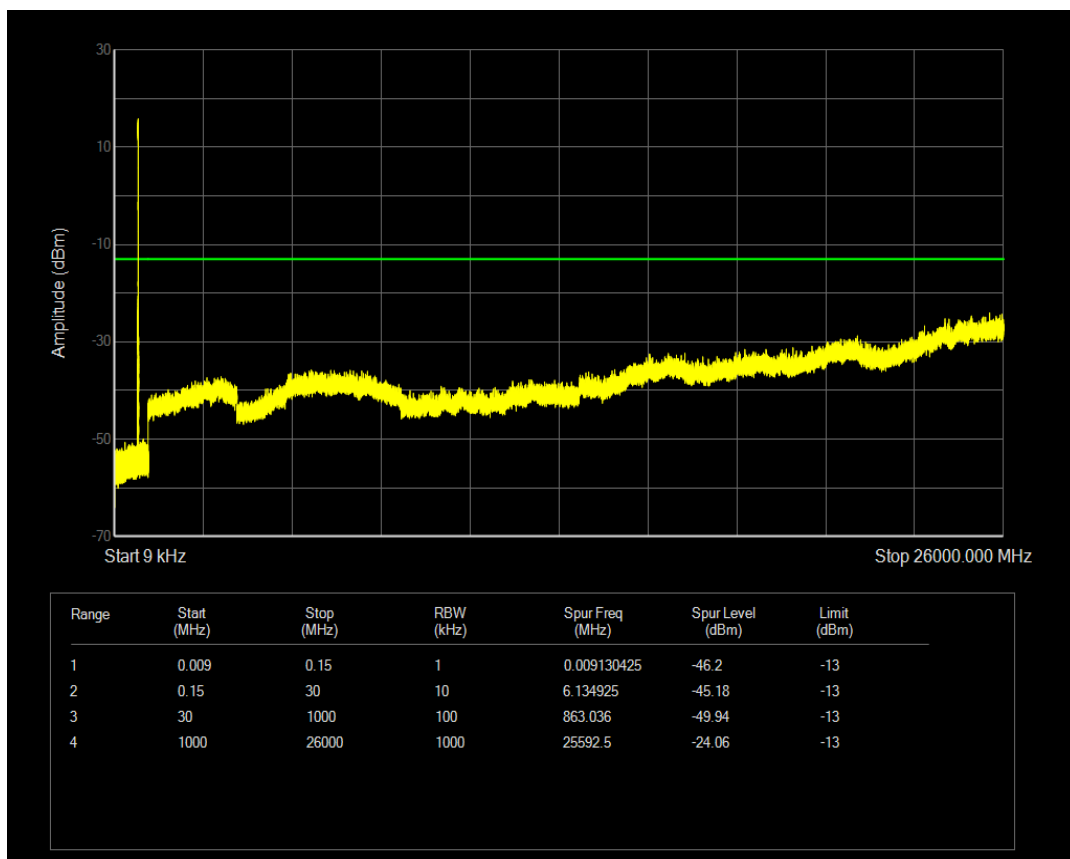
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



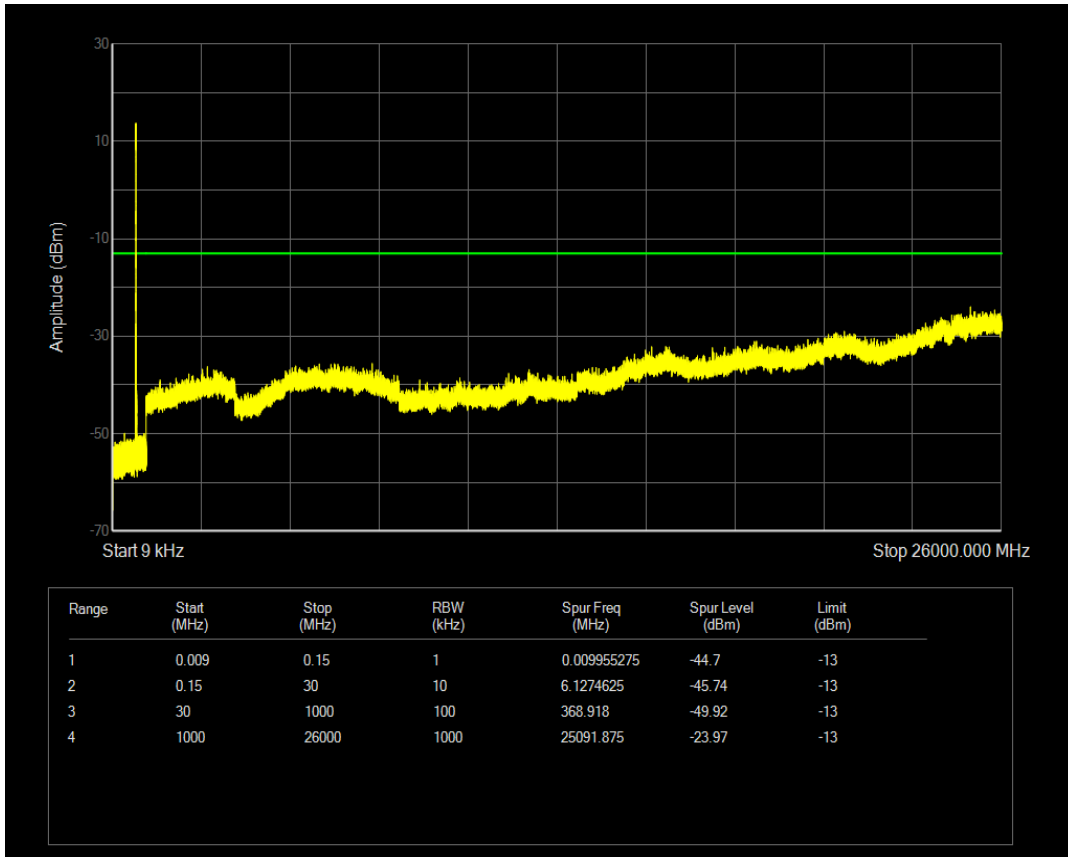
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



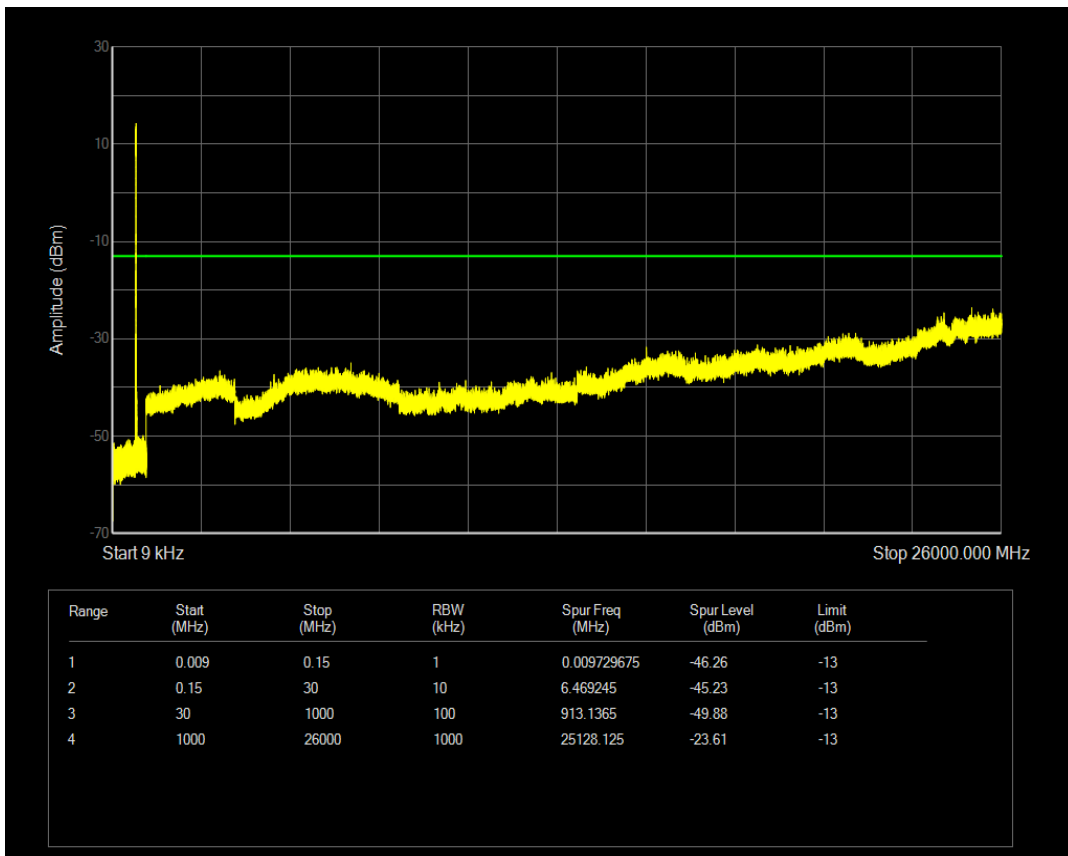
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



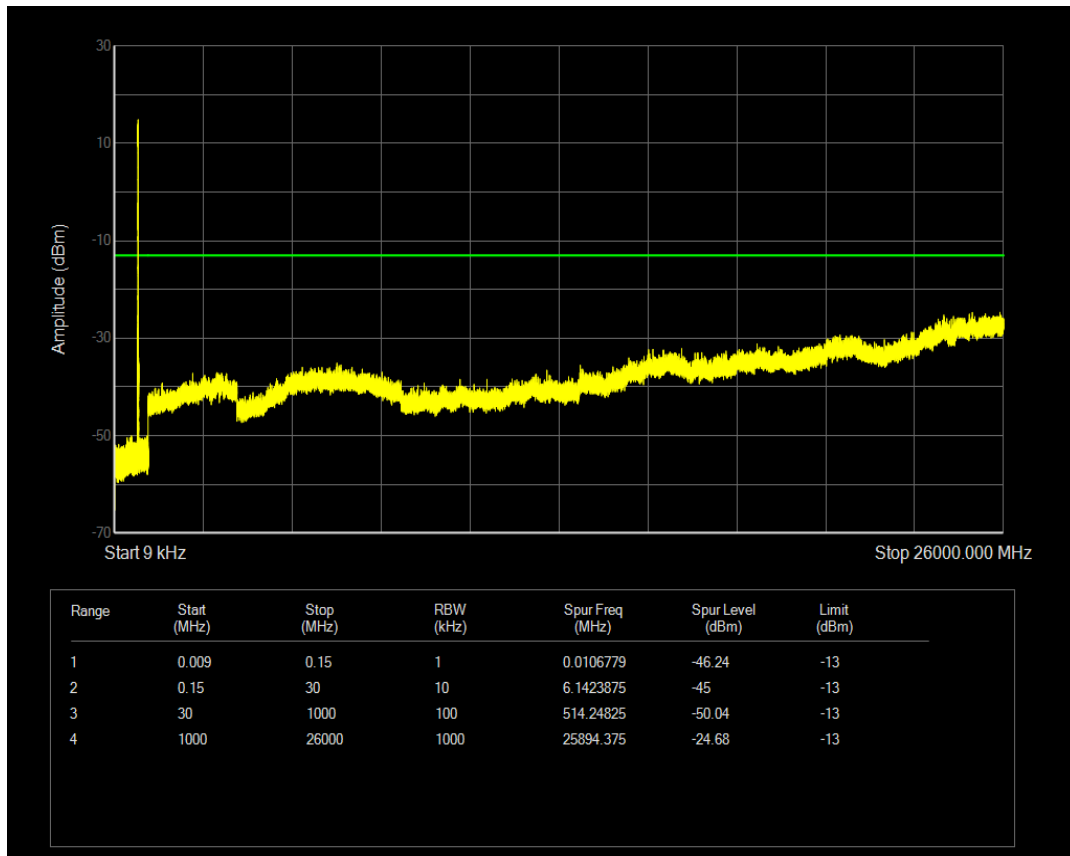
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



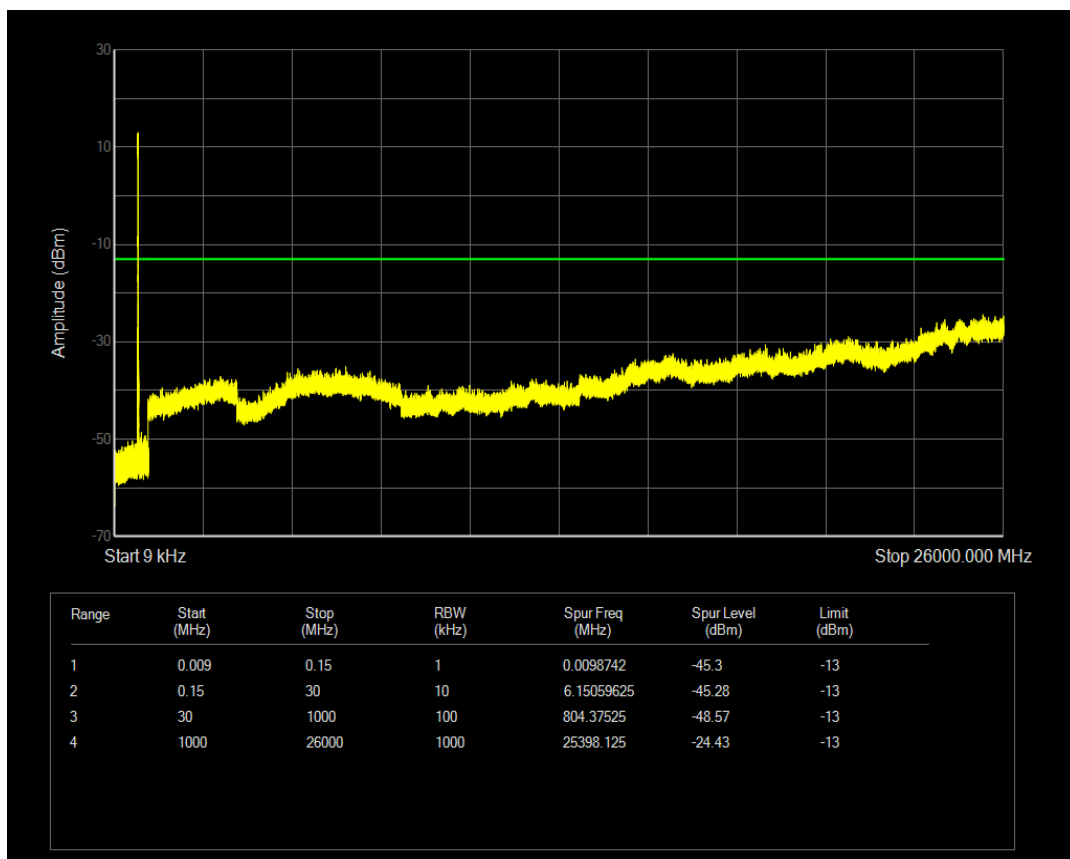
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



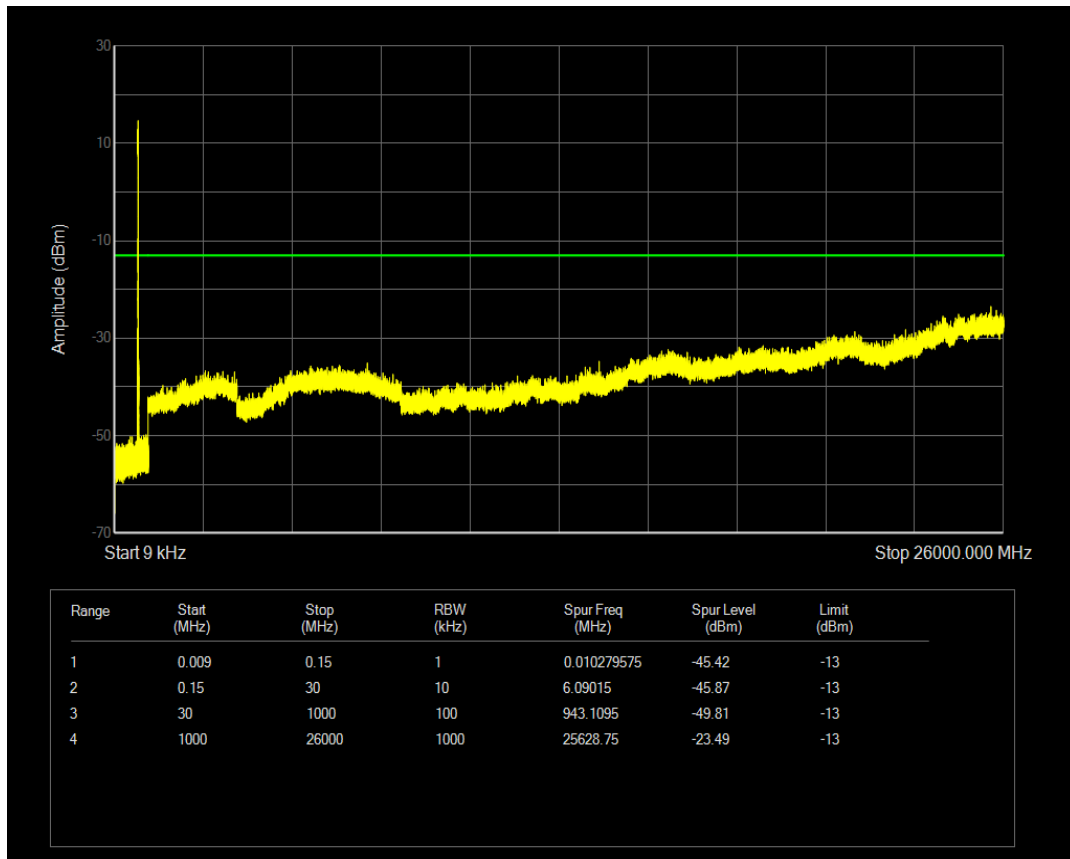
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



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

