

Appendix for Band 12

Report No.: BCTC2502264702-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Rugged Smart Tablet

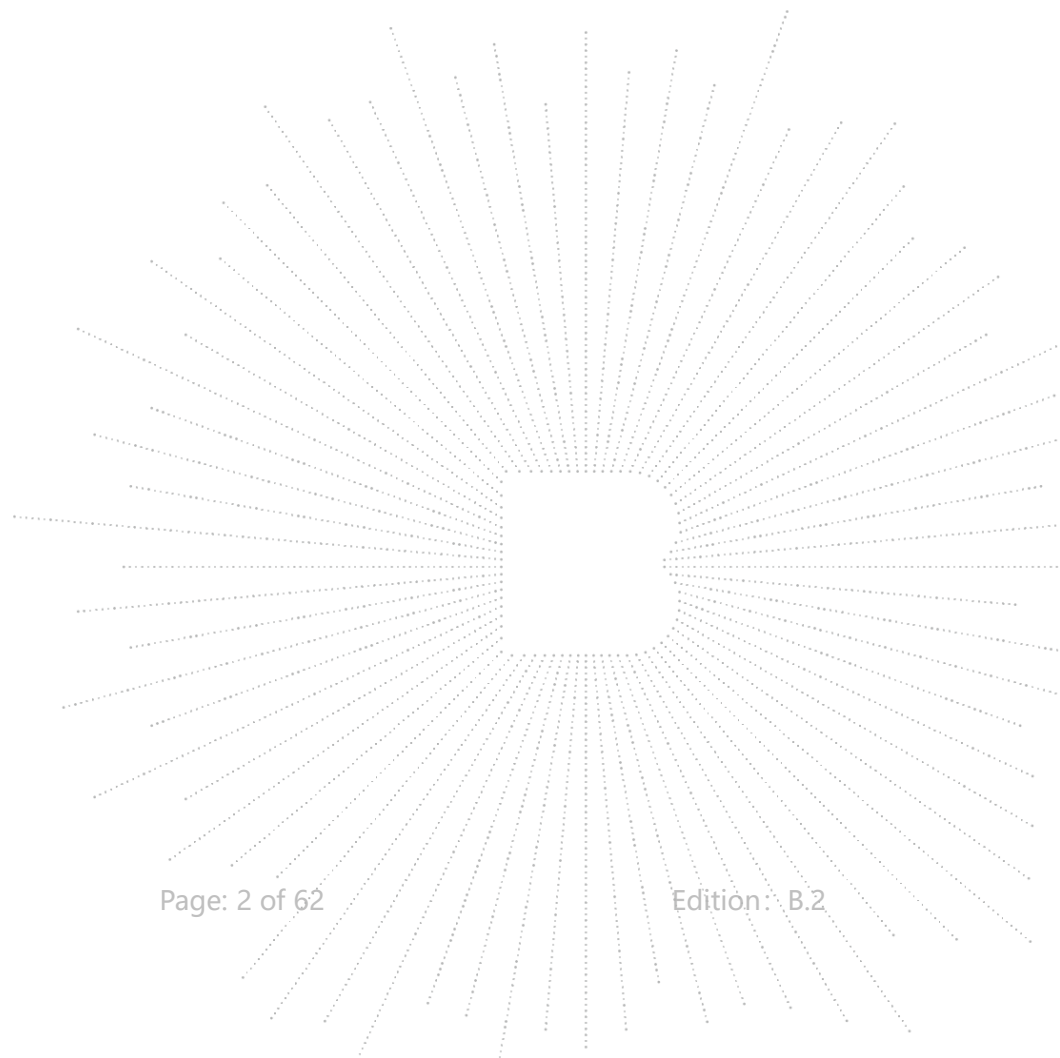
Test Model: RT3 Pro

Tested Date: 2025-02-14 to 2025-03-14

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power

Measurement

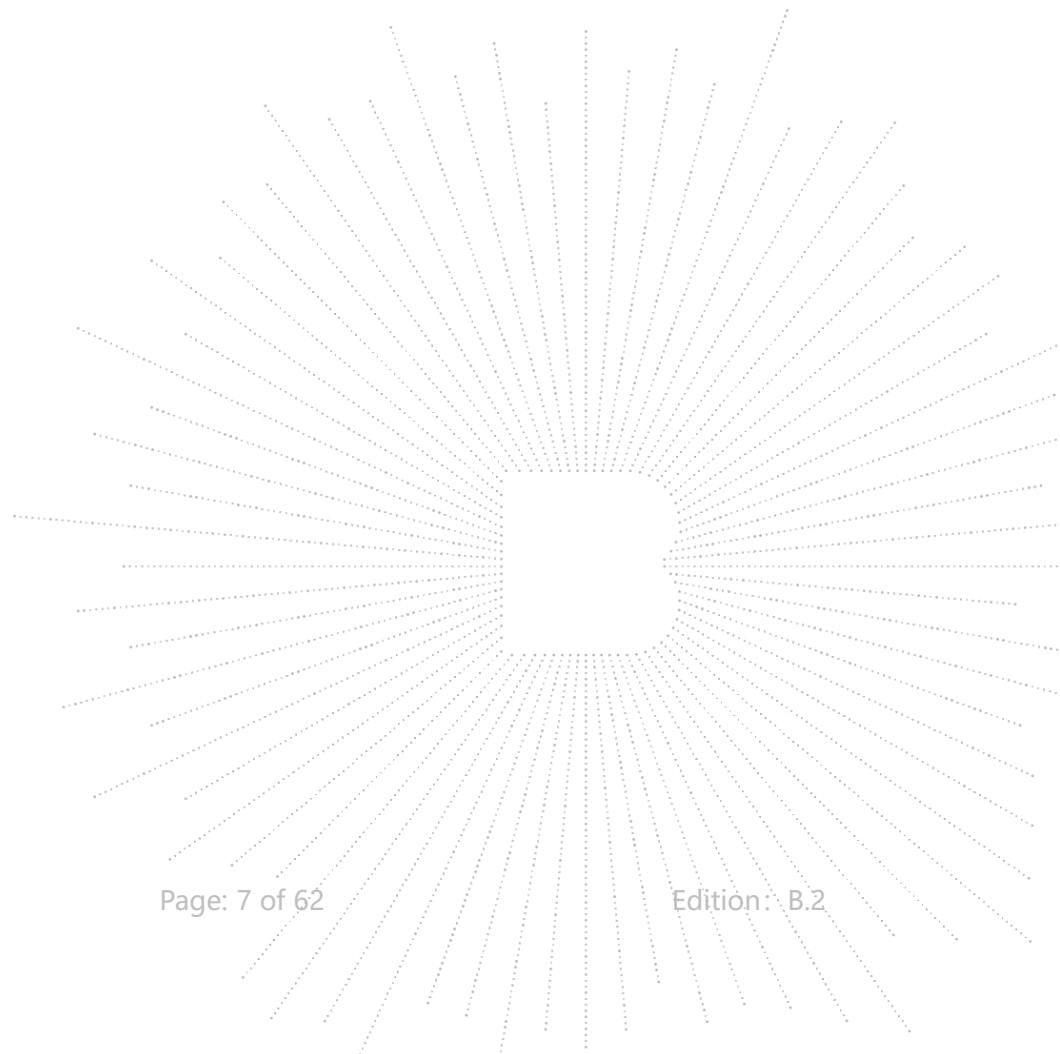
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.07	-1.64	19.28	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.32	-1.64	19.53	PASS
Band12	1.4	23017	1	#Max	QPSK	23.37	-1.64	19.58	PASS
Band12	1.4	23017	3	#0	QPSK	23.23	-1.64	19.44	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.24	-1.64	19.45	PASS
Band12	1.4	23017	3	#Max	QPSK	23.36	-1.64	19.57	PASS
Band12	1.4	23017	6	#0	QPSK	22.25	-1.64	18.46	PASS
Band12	1.4	23017	1	#0	16QAM	21.88	-1.64	18.09	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.24	-1.64	18.45	PASS
Band12	1.4	23017	1	#Max	16QAM	22.31	-1.64	18.52	PASS
Band12	1.4	23017	3	#0	16QAM	22.32	-1.64	18.53	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.44	-1.64	18.65	PASS
Band12	1.4	23017	3	#Max	16QAM	22.57	-1.64	18.78	PASS
Band12	1.4	23017	6	#0	16QAM	21.43	-1.64	17.64	PASS
Band12	1.4	23095	1	#0	QPSK	23.46	-1.64	19.67	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.64	-1.64	19.85	PASS
Band12	1.4	23095	1	#Max	QPSK	23.43	-1.64	19.64	PASS
Band12	1.4	23095	3	#0	QPSK	23.45	-1.64	19.66	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.48	-1.64	19.69	PASS
Band12	1.4	23095	3	#Max	QPSK	23.49	-1.64	19.70	PASS
Band12	1.4	23095	6	#0	QPSK	22.43	-1.64	18.64	PASS
Band12	1.4	23095	1	#0	16QAM	22.63	-1.64	18.84	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.76	-1.64	18.97	PASS
Band12	1.4	23095	1	#Max	16QAM	22.65	-1.64	18.86	PASS
Band12	1.4	23095	3	#0	16QAM	22.73	-1.64	18.94	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.73	-1.64	18.94	PASS
Band12	1.4	23095	3	#Max	16QAM	22.71	-1.64	18.92	PASS
Band12	1.4	23095	6	#0	16QAM	21.66	-1.64	17.87	PASS
Band12	1.4	23173	1	#0	QPSK	23.32	-1.64	19.53	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.51	-1.64	19.72	PASS
Band12	1.4	23173	1	#Max	QPSK	23.33	-1.64	19.54	PASS
Band12	1.4	23173	3	#0	QPSK	23.47	-1.64	19.68	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.48	-1.64	19.69	PASS
Band12	1.4	23173	3	#Max	QPSK	23.48	-1.64	19.69	PASS
Band12	1.4	23173	6	#0	QPSK	22.45	-1.64	18.66	PASS
Band12	1.4	23173	1	#0	16QAM	22.61	-1.64	18.82	PASS

Band12	1.4	23173	1	#Mid	16QAM	22.76	-1.64	18.97	PASS
Band12	1.4	23173	1	#Max	16QAM	22.68	-1.64	18.89	PASS
Band12	1.4	23173	3	#0	16QAM	22.77	-1.64	18.98	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.76	-1.64	18.97	PASS
Band12	1.4	23173	3	#Max	16QAM	22.77	-1.64	18.98	PASS
Band12	1.4	23173	6	#0	16QAM	21.63	-1.64	17.84	PASS
Band12	3	23025	1	#0	QPSK	23.08	-1.64	19.29	PASS
Band12	3	23025	1	#Mid	QPSK	23.77	-1.64	19.98	PASS
Band12	3	23025	1	#Max	QPSK	23.39	-1.64	19.60	PASS
Band12	3	23025	8	#0	QPSK	22.34	-1.64	18.55	PASS
Band12	3	23025	8	#Mid	QPSK	22.46	-1.64	18.67	PASS
Band12	3	23025	8	#Max	QPSK	22.51	-1.64	18.72	PASS
Band12	3	23025	15	#0	QPSK	22.39	-1.64	18.60	PASS
Band12	3	23025	1	#0	16QAM	22.60	-1.64	18.81	PASS
Band12	3	23025	1	#Mid	16QAM	23.24	-1.64	19.45	PASS
Band12	3	23025	1	#Max	16QAM	22.98	-1.64	19.19	PASS
Band12	3	23025	8	#0	16QAM	21.38	-1.64	17.59	PASS
Band12	3	23025	8	#Mid	16QAM	21.50	-1.64	17.71	PASS
Band12	3	23025	8	#Max	16QAM	21.54	-1.64	17.75	PASS
Band12	3	23025	15	#0	16QAM	21.42	-1.64	17.63	PASS
Band12	3	23095	1	#0	QPSK	23.51	-1.64	19.72	PASS
Band12	3	23095	1	#Mid	QPSK	23.86	-1.64	20.07	PASS
Band12	3	23095	1	#Max	QPSK	23.51	-1.64	19.72	PASS
Band12	3	23095	8	#0	QPSK	22.54	-1.64	18.75	PASS
Band12	3	23095	8	#Mid	QPSK	22.58	-1.64	18.79	PASS
Band12	3	23095	8	#Max	QPSK	22.59	-1.64	18.80	PASS
Band12	3	23095	15	#0	QPSK	22.52	-1.64	18.73	PASS
Band12	3	23095	1	#0	16QAM	22.77	-1.64	18.98	PASS
Band12	3	23095	1	#Mid	16QAM	23.08	-1.64	19.29	PASS
Band12	3	23095	1	#Max	16QAM	22.70	-1.64	18.91	PASS
Band12	3	23095	8	#0	16QAM	21.55	-1.64	17.76	PASS
Band12	3	23095	8	#Mid	16QAM	21.60	-1.64	17.81	PASS
Band12	3	23095	8	#Max	16QAM	21.57	-1.64	17.78	PASS
Band12	3	23095	15	#0	16QAM	21.51	-1.64	17.72	PASS
Band12	3	23165	1	#0	QPSK	23.50	-1.64	19.71	PASS
Band12	3	23165	1	#Mid	QPSK	23.77	-1.64	19.98	PASS
Band12	3	23165	1	#Max	QPSK	23.54	-1.64	19.75	PASS
Band12	3	23165	8	#0	QPSK	22.50	-1.64	18.71	PASS
Band12	3	23165	8	#Mid	QPSK	22.58	-1.64	18.79	PASS
Band12	3	23165	8	#Max	QPSK	22.52	-1.64	18.73	PASS
Band12	3	23165	15	#0	QPSK	22.49	-1.64	18.70	PASS
Band12	3	23165	1	#0	16QAM	22.41	-1.64	18.62	PASS
Band12	3	23165	1	#Mid	16QAM	22.73	-1.64	18.94	PASS

Band12	3	23165	1	#Max	16QAM	22.41	-1.64	18.62	PASS
Band12	3	23165	8	#0	16QAM	21.51	-1.64	17.72	PASS
Band12	3	23165	8	#Mid	16QAM	21.57	-1.64	17.78	PASS
Band12	3	23165	8	#Max	16QAM	21.50	-1.64	17.71	PASS
Band12	3	23165	15	#0	16QAM	21.57	-1.64	17.78	PASS
Band12	5	23035	1	#0	QPSK	23.00	-1.64	19.21	PASS
Band12	5	23035	1	#Mid	QPSK	23.80	-1.64	20.01	PASS
Band12	5	23035	1	#Max	QPSK	23.28	-1.64	19.49	PASS
Band12	5	23035	12	#0	QPSK	22.26	-1.64	18.47	PASS
Band12	5	23035	12	#Mid	QPSK	22.47	-1.64	18.68	PASS
Band12	5	23035	12	#Max	QPSK	22.26	-1.64	18.47	PASS
Band12	5	23035	25	#0	QPSK	22.33	-1.64	18.54	PASS
Band12	5	23035	1	#0	16QAM	22.61	-1.64	18.82	PASS
Band12	5	23035	1	#Mid	16QAM	23.35	-1.64	19.56	PASS
Band12	5	23035	1	#Max	16QAM	22.93	-1.64	19.14	PASS
Band12	5	23035	12	#0	16QAM	21.30	-1.64	17.51	PASS
Band12	5	23035	12	#Mid	16QAM	21.51	-1.64	17.72	PASS
Band12	5	23035	12	#Max	16QAM	21.30	-1.64	17.51	PASS
Band12	5	23035	25	#0	16QAM	21.31	-1.64	17.52	PASS
Band12	5	23095	1	#0	QPSK	23.30	-1.64	19.51	PASS
Band12	5	23095	1	#Mid	QPSK	23.76	-1.64	19.97	PASS
Band12	5	23095	1	#Max	QPSK	23.30	-1.64	19.51	PASS
Band12	5	23095	12	#0	QPSK	22.50	-1.64	18.71	PASS
Band12	5	23095	12	#Mid	QPSK	22.51	-1.64	18.72	PASS
Band12	5	23095	12	#Max	QPSK	22.51	-1.64	18.72	PASS
Band12	5	23095	25	#0	QPSK	22.52	-1.64	18.73	PASS
Band12	5	23095	1	#0	16QAM	22.71	-1.64	18.92	PASS
Band12	5	23095	1	#Mid	16QAM	23.14	-1.64	19.35	PASS
Band12	5	23095	1	#Max	16QAM	22.70	-1.64	18.91	PASS
Band12	5	23095	12	#0	16QAM	21.44	-1.64	17.65	PASS
Band12	5	23095	12	#Mid	16QAM	21.48	-1.64	17.69	PASS
Band12	5	23095	12	#Max	16QAM	21.52	-1.64	17.73	PASS
Band12	5	23095	25	#0	16QAM	21.56	-1.64	17.77	PASS
Band12	5	23155	1	#0	QPSK	23.26	-1.64	19.47	PASS
Band12	5	23155	1	#Mid	QPSK	23.59	-1.64	19.80	PASS
Band12	5	23155	1	#Max	QPSK	23.25	-1.64	19.46	PASS
Band12	5	23155	12	#0	QPSK	22.28	-1.64	18.49	PASS
Band12	5	23155	12	#Mid	QPSK	22.51	-1.64	18.72	PASS
Band12	5	23155	12	#Max	QPSK	22.36	-1.64	18.57	PASS
Band12	5	23155	25	#0	QPSK	22.32	-1.64	18.53	PASS
Band12	5	23155	1	#0	16QAM	22.70	-1.64	18.91	PASS
Band12	5	23155	1	#Mid	16QAM	22.98	-1.64	19.19	PASS
Band12	5	23155	1	#Max	16QAM	22.69	-1.64	18.90	PASS

Band12	5	23155	12	#0	16QAM	21.35	-1.64	17.56	PASS
Band12	5	23155	12	#Mid	16QAM	21.55	-1.64	17.76	PASS
Band12	5	23155	12	#Max	16QAM	21.43	-1.64	17.64	PASS
Band12	5	23155	25	#0	16QAM	21.34	-1.64	17.55	PASS
Band12	10	23060	1	#0	QPSK	23.08	-1.64	19.29	PASS
Band12	10	23060	1	#Mid	QPSK	23.51	-1.64	19.72	PASS
Band12	10	23060	1	#Max	QPSK	23.46	-1.64	19.67	PASS
Band12	10	23060	25	#0	QPSK	22.54	-1.64	18.75	PASS
Band12	10	23060	25	#Mid	QPSK	22.54	-1.64	18.75	PASS
Band12	10	23060	25	#Max	QPSK	22.44	-1.64	18.65	PASS
Band12	10	23060	50	#0	QPSK	22.51	-1.64	18.72	PASS
Band12	10	23060	1	#0	16QAM	22.58	-1.64	18.79	PASS
Band12	10	23060	1	#Mid	16QAM	23.04	-1.64	19.25	PASS
Band12	10	23060	1	#Max	16QAM	21.31	-1.64	17.52	PASS
Band12	10	23060	25	#0	16QAM	21.59	-1.64	17.80	PASS
Band12	10	23060	25	#Mid	16QAM	21.58	-1.64	17.79	PASS
Band12	10	23060	25	#Max	16QAM	21.46	-1.64	17.67	PASS
Band12	10	23060	50	#0	16QAM	21.57	-1.64	17.78	PASS
Band12	10	23095	1	#0	QPSK	23.29	-1.64	19.50	PASS
Band12	10	23095	1	#Mid	QPSK	23.58	-1.64	19.79	PASS
Band12	10	23095	1	#Max	QPSK	23.34	-1.64	19.55	PASS
Band12	10	23095	25	#0	QPSK	22.67	-1.64	18.88	PASS
Band12	10	23095	25	#Mid	QPSK	22.56	-1.64	18.77	PASS
Band12	10	23095	25	#Max	QPSK	22.75	-1.64	18.96	PASS
Band12	10	23095	50	#0	QPSK	22.73	-1.64	18.94	PASS
Band12	10	23095	1	#0	16QAM	22.56	-1.64	18.77	PASS
Band12	10	23095	1	#Mid	16QAM	22.83	-1.64	19.04	PASS
Band12	10	23095	1	#Max	16QAM	22.58	-1.64	18.79	PASS
Band12	10	23095	25	#0	16QAM	21.73	-1.64	17.94	PASS
Band12	10	23095	25	#Mid	16QAM	21.60	-1.64	17.81	PASS
Band12	10	23095	25	#Max	16QAM	21.77	-1.64	17.98	PASS
Band12	10	23095	50	#0	16QAM	21.78	-1.64	17.99	PASS
Band12	10	23130	1	#0	QPSK	23.44	-1.64	19.65	PASS
Band12	10	23130	1	#Mid	QPSK	23.64	-1.64	19.85	PASS
Band12	10	23130	1	#Max	QPSK	23.46	-1.64	19.67	PASS
Band12	10	23130	25	#0	QPSK	22.43	-1.64	18.64	PASS
Band12	10	23130	25	#Mid	QPSK	22.59	-1.64	18.80	PASS
Band12	10	23130	25	#Max	QPSK	22.58	-1.64	18.79	PASS
Band12	10	23130	50	#0	QPSK	22.54	-1.64	18.75	PASS
Band12	10	23130	1	#0	16QAM	22.36	-1.64	18.57	PASS
Band12	10	23130	1	#Mid	16QAM	22.51	-1.64	18.72	PASS
Band12	10	23130	1	#Max	16QAM	22.31	-1.64	18.52	PASS
Band12	10	23130	25	#0	16QAM	21.43	-1.64	17.64	PASS

Band12	10	23130	25	#Mid	16QAM	21.54	-1.64	17.75	PASS
Band12	10	23130	25	#Max	16QAM	21.63	-1.64	17.84	PASS
Band12	10	23130	50	#0	16QAM	21.51	-1.64	17.72	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	-3.06	-0.004	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	-9.33	-0.013	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	-10.50	-0.015	PASS
Band12	1.4	23017	6	#0	16QAM	LV	NT	-9.30	-0.013	PASS
Band12	1.4	23017	6	#0	16QAM	NV	NT	-10.01	-0.014	PASS
Band12	1.4	23017	6	#0	16QAM	HV	NT	-6.72	-0.010	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	-2.95	-0.004	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	-5.88	-0.008	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	-8.01	-0.011	PASS
Band12	1.4	23095	6	#0	16QAM	LV	NT	-7.44	-0.011	PASS
Band12	1.4	23095	6	#0	16QAM	NV	NT	-6.62	-0.009	PASS
Band12	1.4	23095	6	#0	16QAM	HV	NT	-6.77	-0.010	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	-3.22	-0.005	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	-4.11	-0.006	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	-5.79	-0.008	PASS
Band12	1.4	23173	6	#0	16QAM	LV	NT	-2.59	-0.004	PASS
Band12	1.4	23173	6	#0	16QAM	NV	NT	-2.09	-0.003	PASS
Band12	1.4	23173	6	#0	16QAM	HV	NT	-3.79	-0.005	PASS
Band12	3	23025	15	#0	QPSK	LV	NT	-7.20	-0.010	PASS
Band12	3	23025	15	#0	QPSK	NV	NT	-6.01	-0.009	PASS
Band12	3	23025	15	#0	QPSK	HV	NT	-8.01	-0.011	PASS
Band12	3	23025	15	#0	16QAM	LV	NT	-6.65	-0.009	PASS
Band12	3	23025	15	#0	16QAM	NV	NT	-3.58	-0.005	PASS
Band12	3	23025	15	#0	16QAM	HV	NT	-5.15	-0.007	PASS
Band12	3	23095	15	#0	QPSK	LV	NT	-7.41	-0.010	PASS
Band12	3	23095	15	#0	QPSK	NV	NT	-7.38	-0.010	PASS
Band12	3	23095	15	#0	QPSK	HV	NT	-6.39	-0.009	PASS
Band12	3	23095	15	#0	16QAM	LV	NT	-6.81	-0.010	PASS
Band12	3	23095	15	#0	16QAM	NV	NT	-7.74	-0.011	PASS
Band12	3	23095	15	#0	16QAM	HV	NT	-3.36	-0.005	PASS
Band12	3	23165	15	#0	QPSK	LV	NT	-0.92	-0.001	PASS
Band12	3	23165	15	#0	QPSK	NV	NT	-5.22	-0.007	PASS
Band12	3	23165	15	#0	QPSK	HV	NT	-3.18	-0.004	PASS
Band12	3	23165	15	#0	16QAM	LV	NT	-3.50	-0.005	PASS
Band12	3	23165	15	#0	16QAM	NV	NT	-3.99	-0.006	PASS
Band12	3	23165	15	#0	16QAM	HV	NT	-5.55	-0.008	PASS
Band12	5	23035	25	#0	QPSK	LV	NT	-6.95	-0.010	PASS
Band12	5	23035	25	#0	QPSK	NV	NT	-9.64	-0.014	PASS

Band12	5	23035	25	#0	QPSK	HV	NT	-4.41	-0.006	PASS
Band12	5	23035	25	#0	16QAM	LV	NT	-7.67	-0.011	PASS
Band12	5	23035	25	#0	16QAM	NV	NT	-6.74	-0.010	PASS
Band12	5	23035	25	#0	16QAM	HV	NT	-3.55	-0.005	PASS
Band12	5	23095	25	#0	QPSK	LV	NT	-4.42	-0.006	PASS
Band12	5	23095	25	#0	QPSK	NV	NT	-3.55	-0.005	PASS
Band12	5	23095	25	#0	QPSK	HV	NT	-0.13	0.000	PASS
Band12	5	23095	25	#0	16QAM	LV	NT	-3.25	-0.005	PASS
Band12	5	23095	25	#0	16QAM	NV	NT	-3.69	-0.005	PASS
Band12	5	23095	25	#0	16QAM	HV	NT	-4.53	-0.006	PASS
Band12	5	23155	25	#0	QPSK	LV	NT	-1.59	-0.002	PASS
Band12	5	23155	25	#0	QPSK	NV	NT	-5.19	-0.007	PASS
Band12	5	23155	25	#0	QPSK	HV	NT	-6.54	-0.009	PASS
Band12	5	23155	25	#0	16QAM	LV	NT	-9.74	-0.014	PASS
Band12	5	23155	25	#0	16QAM	NV	NT	-7.01	-0.010	PASS
Band12	5	23155	25	#0	16QAM	HV	NT	-4.73	-0.007	PASS
Band12	10	23060	50	#0	QPSK	LV	NT	-5.46	-0.008	PASS
Band12	10	23060	50	#0	QPSK	NV	NT	-6.07	-0.009	PASS
Band12	10	23060	50	#0	QPSK	HV	NT	-5.99	-0.009	PASS
Band12	10	23060	50	#0	16QAM	LV	NT	-8.96	-0.013	PASS
Band12	10	23060	50	#0	16QAM	NV	NT	-4.62	-0.007	PASS
Band12	10	23060	50	#0	16QAM	HV	NT	-4.65	-0.007	PASS
Band12	10	23095	50	#0	QPSK	LV	NT	-4.53	-0.006	PASS
Band12	10	23095	50	#0	QPSK	NV	NT	-5.28	-0.007	PASS
Band12	10	23095	50	#0	QPSK	HV	NT	-5.12	-0.007	PASS
Band12	10	23095	50	#0	16QAM	LV	NT	-6.31	-0.009	PASS
Band12	10	23095	50	#0	16QAM	NV	NT	-4.62	-0.007	PASS
Band12	10	23095	50	#0	16QAM	HV	NT	-6.52	-0.009	PASS
Band12	10	23130	50	#0	QPSK	LV	NT	-6.42	-0.009	PASS
Band12	10	23130	50	#0	QPSK	NV	NT	-7.04	-0.010	PASS
Band12	10	23130	50	#0	QPSK	HV	NT	-7.14	-0.010	PASS
Band12	10	23130	50	#0	16QAM	LV	NT	-2.60	-0.004	PASS
Band12	10	23130	50	#0	16QAM	NV	NT	-5.95	-0.008	PASS
Band12	10	23130	50	#0	16QAM	HV	NT	-6.67	-0.009	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	-3.59	-0.005	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-20	-7.38	-0.011	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-10	-8.24	-0.012	PASS
Band12	1.4	23017	6	#0	QPSK	NV	0	-9.96	-0.014	PASS
Band12	1.4	23017	6	#0	QPSK	NV	10	-9.57	-0.014	PASS
Band12	1.4	23017	6	#0	QPSK	NV	20	-6.84	-0.010	PASS

Band12	1.4	23017	6	#0	QPSK	NV	30	-6.84	-0.010	PASS
Band12	1.4	23017	6	#0	QPSK	NV	40	-7.20	-0.010	PASS
Band12	1.4	23017	6	#0	QPSK	NV	50	-5.72	-0.008	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-30	-3.73	-0.005	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-20	-4.02	-0.006	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-10	-4.63	-0.007	PASS
Band12	1.4	23017	6	#0	16QAM	NV	0	-6.91	-0.010	PASS
Band12	1.4	23017	6	#0	16QAM	NV	10	-6.19	-0.009	PASS
Band12	1.4	23017	6	#0	16QAM	NV	20	-5.82	-0.008	PASS
Band12	1.4	23017	6	#0	16QAM	NV	30	-5.35	-0.008	PASS
Band12	1.4	23017	6	#0	16QAM	NV	40	-4.98	-0.007	PASS
Band12	1.4	23017	6	#0	16QAM	NV	50	-3.93	-0.006	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-30	-3.60	-0.005	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-20	-2.80	-0.004	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-10	-3.33	-0.005	PASS
Band12	1.4	23095	6	#0	QPSK	NV	0	-6.21	-0.009	PASS
Band12	1.4	23095	6	#0	QPSK	NV	10	-7.42	-0.010	PASS
Band12	1.4	23095	6	#0	QPSK	NV	20	-6.90	-0.010	PASS
Band12	1.4	23095	6	#0	QPSK	NV	30	-7.05	-0.010	PASS
Band12	1.4	23095	6	#0	QPSK	NV	40	-7.81	-0.011	PASS
Band12	1.4	23095	6	#0	QPSK	NV	50	-28.74	-0.041	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-30	-15.99	-0.023	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-20	-13.33	-0.019	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-10	-8.65	-0.012	PASS
Band12	1.4	23095	6	#0	16QAM	NV	0	-8.50	-0.012	PASS
Band12	1.4	23095	6	#0	16QAM	NV	10	-6.74	-0.010	PASS
Band12	1.4	23095	6	#0	16QAM	NV	20	-5.58	-0.008	PASS
Band12	1.4	23095	6	#0	16QAM	NV	30	-5.82	-0.008	PASS
Band12	1.4	23095	6	#0	16QAM	NV	40	-4.18	-0.006	PASS
Band12	1.4	23095	6	#0	16QAM	NV	50	-2.73	-0.004	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-30	-4.71	-0.007	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-20	-3.13	-0.004	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-10	-4.33	-0.006	PASS
Band12	1.4	23173	6	#0	QPSK	NV	0	-4.39	-0.006	PASS
Band12	1.4	23173	6	#0	QPSK	NV	10	-3.13	-0.004	PASS
Band12	1.4	23173	6	#0	QPSK	NV	20	-2.22	-0.003	PASS
Band12	1.4	23173	6	#0	QPSK	NV	30	-6.79	-0.009	PASS
Band12	1.4	23173	6	#0	QPSK	NV	40	-4.08	-0.006	PASS
Band12	1.4	23173	6	#0	QPSK	NV	50	-4.65	-0.007	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-30	-3.20	-0.004	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-20	-5.61	-0.008	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-10	-5.51	-0.008	PASS
Band12	1.4	23173	6	#0	16QAM	NV	0	-5.88	-0.008	PASS

Band12	1.4	23173	6	#0	16QAM	NV	10	-3.78	-0.005	PASS
Band12	1.4	23173	6	#0	16QAM	NV	20	-3.75	-0.005	PASS
Band12	1.4	23173	6	#0	16QAM	NV	30	-4.06	-0.006	PASS
Band12	1.4	23173	6	#0	16QAM	NV	40	-3.91	-0.005	PASS
Band12	1.4	23173	6	#0	16QAM	NV	50	-3.46	-0.005	PASS
Band12	3	23025	15	#0	QPSK	NV	-30	-3.79	-0.005	PASS
Band12	3	23025	15	#0	QPSK	NV	-20	-7.12	-0.010	PASS
Band12	3	23025	15	#0	QPSK	NV	-10	-5.52	-0.008	PASS
Band12	3	23025	15	#0	QPSK	NV	0	-8.74	-0.012	PASS
Band12	3	23025	15	#0	QPSK	NV	10	-8.30	-0.012	PASS
Band12	3	23025	15	#0	QPSK	NV	20	-8.83	-0.013	PASS
Band12	3	23025	15	#0	QPSK	NV	30	-6.44	-0.009	PASS
Band12	3	23025	15	#0	QPSK	NV	40	-7.68	-0.011	PASS
Band12	3	23025	15	#0	QPSK	NV	50	-7.15	-0.010	PASS
Band12	3	23025	15	#0	16QAM	NV	-30	-6.75	-0.010	PASS
Band12	3	23025	15	#0	16QAM	NV	-20	-10.56	-0.015	PASS
Band12	3	23025	15	#0	16QAM	NV	-10	-20.73	-0.030	PASS
Band12	3	23025	15	#0	16QAM	NV	0	-15.66	-0.022	PASS
Band12	3	23025	15	#0	16QAM	NV	10	-7.97	-0.011	PASS
Band12	3	23025	15	#0	16QAM	NV	20	-8.38	-0.012	PASS
Band12	3	23025	15	#0	16QAM	NV	30	-8.61	-0.012	PASS
Band12	3	23025	15	#0	16QAM	NV	40	-5.81	-0.008	PASS
Band12	3	23025	15	#0	16QAM	NV	50	-4.86	-0.007	PASS
Band12	3	23095	15	#0	QPSK	NV	-30	-4.33	-0.006	PASS
Band12	3	23095	15	#0	QPSK	NV	-20	-4.33	-0.006	PASS
Band12	3	23095	15	#0	QPSK	NV	-10	-3.86	-0.005	PASS
Band12	3	23095	15	#0	QPSK	NV	0	-2.79	-0.004	PASS
Band12	3	23095	15	#0	QPSK	NV	10	-3.69	-0.005	PASS
Band12	3	23095	15	#0	QPSK	NV	20	-7.78	-0.011	PASS
Band12	3	23095	15	#0	QPSK	NV	30	-6.38	-0.009	PASS
Band12	3	23095	15	#0	QPSK	NV	40	-5.22	-0.007	PASS
Band12	3	23095	15	#0	QPSK	NV	50	-6.17	-0.009	PASS
Band12	3	23095	15	#0	16QAM	NV	-30	-2.75	-0.004	PASS
Band12	3	23095	15	#0	16QAM	NV	-20	-3.18	-0.004	PASS
Band12	3	23095	15	#0	16QAM	NV	-10	-2.96	-0.004	PASS
Band12	3	23095	15	#0	16QAM	NV	0	-2.13	-0.003	PASS
Band12	3	23095	15	#0	16QAM	NV	10	-3.72	-0.005	PASS
Band12	3	23095	15	#0	16QAM	NV	20	-3.55	-0.005	PASS
Band12	3	23095	15	#0	16QAM	NV	30	-4.15	-0.006	PASS
Band12	3	23095	15	#0	16QAM	NV	40	-4.68	-0.007	PASS
Band12	3	23095	15	#0	16QAM	NV	50	-1.86	-0.003	PASS
Band12	3	23165	15	#0	QPSK	NV	-30	-5.38	-0.008	PASS
Band12	3	23165	15	#0	QPSK	NV	-20	-4.68	-0.007	PASS

Band12	3	23165	15	#0	QPSK	NV	-10	-4.22	-0.006	PASS
Band12	3	23165	15	#0	QPSK	NV	0	-5.58	-0.008	PASS
Band12	3	23165	15	#0	QPSK	NV	10	-4.09	-0.006	PASS
Band12	3	23165	15	#0	QPSK	NV	20	-8.63	-0.012	PASS
Band12	3	23165	15	#0	QPSK	NV	30	-6.44	-0.009	PASS
Band12	3	23165	15	#0	QPSK	NV	40	-8.07	-0.011	PASS
Band12	3	23165	15	#0	QPSK	NV	50	-7.82	-0.011	PASS
Band12	3	23165	15	#0	16QAM	NV	-30	-7.44	-0.010	PASS
Band12	3	23165	15	#0	16QAM	NV	-20	-8.55	-0.012	PASS
Band12	3	23165	15	#0	16QAM	NV	-10	-4.85	-0.007	PASS
Band12	3	23165	15	#0	16QAM	NV	0	-37.38	-0.052	PASS
Band12	3	23165	15	#0	16QAM	NV	10	-24.42	-0.034	PASS
Band12	3	23165	15	#0	16QAM	NV	20	-18.78	-0.026	PASS
Band12	3	23165	15	#0	16QAM	NV	30	-12.93	-0.018	PASS
Band12	3	23165	15	#0	16QAM	NV	40	-11.93	-0.017	PASS
Band12	3	23165	15	#0	16QAM	NV	50	-10.54	-0.015	PASS
Band12	5	23035	25	#0	QPSK	NV	-30	-4.98	-0.007	PASS
Band12	5	23035	25	#0	QPSK	NV	-20	-3.93	-0.006	PASS
Band12	5	23035	25	#0	QPSK	NV	-10	-9.60	-0.014	PASS
Band12	5	23035	25	#0	QPSK	NV	0	-7.44	-0.011	PASS
Band12	5	23035	25	#0	QPSK	NV	10	-7.15	-0.010	PASS
Band12	5	23035	25	#0	QPSK	NV	20	-7.04	-0.010	PASS
Band12	5	23035	25	#0	QPSK	NV	30	-6.48	-0.009	PASS
Band12	5	23035	25	#0	QPSK	NV	40	-8.58	-0.012	PASS
Band12	5	23035	25	#0	QPSK	NV	50	-7.24	-0.010	PASS
Band12	5	23035	25	#0	16QAM	NV	-30	-5.85	-0.008	PASS
Band12	5	23035	25	#0	16QAM	NV	-20	-5.58	-0.008	PASS
Band12	5	23035	25	#0	16QAM	NV	-10	-9.10	-0.013	PASS
Band12	5	23035	25	#0	16QAM	NV	0	-9.10	-0.013	PASS
Band12	5	23035	25	#0	16QAM	NV	10	-4.95	-0.007	PASS
Band12	5	23035	25	#0	16QAM	NV	20	-6.37	-0.009	PASS
Band12	5	23035	25	#0	16QAM	NV	30	-4.52	-0.006	PASS
Band12	5	23035	25	#0	16QAM	NV	40	-4.78	-0.007	PASS
Band12	5	23035	25	#0	16QAM	NV	50	-7.95	-0.011	PASS
Band12	5	23095	25	#0	QPSK	NV	-30	-5.22	-0.007	PASS
Band12	5	23095	25	#0	QPSK	NV	-20	-3.68	-0.005	PASS
Band12	5	23095	25	#0	QPSK	NV	-10	-4.25	-0.006	PASS
Band12	5	23095	25	#0	QPSK	NV	0	-7.00	-0.010	PASS
Band12	5	23095	25	#0	QPSK	NV	10	-6.64	-0.009	PASS
Band12	5	23095	25	#0	QPSK	NV	20	-9.18	-0.013	PASS
Band12	5	23095	25	#0	QPSK	NV	30	-7.31	-0.010	PASS
Band12	5	23095	25	#0	QPSK	NV	40	-3.99	-0.006	PASS
Band12	5	23095	25	#0	QPSK	NV	50	-2.85	-0.004	PASS

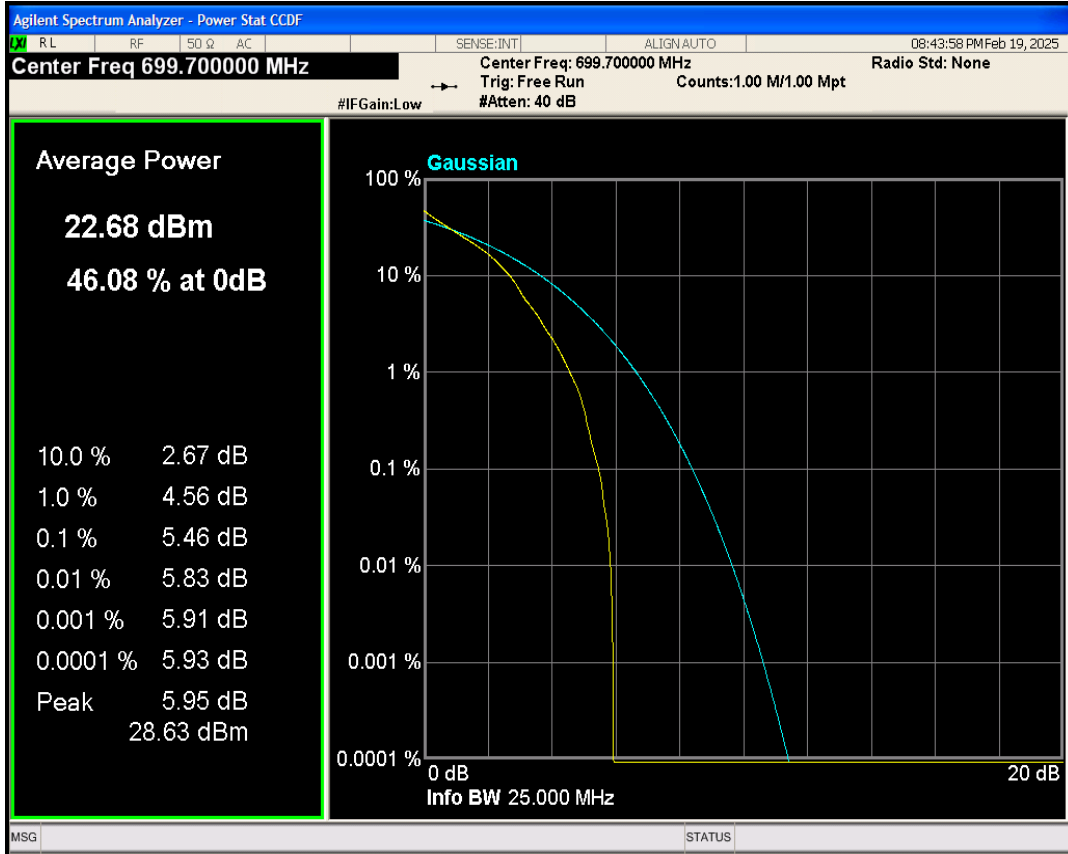
Band12	5	23095	25	#0	16QAM	NV	-30	-10.89	-0.015	PASS
Band12	5	23095	25	#0	16QAM	NV	-20	-8.30	-0.012	PASS
Band12	5	23095	25	#0	16QAM	NV	-10	-5.94	-0.008	PASS
Band12	5	23095	25	#0	16QAM	NV	0	-6.41	-0.009	PASS
Band12	5	23095	25	#0	16QAM	NV	10	-2.27	-0.003	PASS
Band12	5	23095	25	#0	16QAM	NV	20	-5.05	-0.007	PASS
Band12	5	23095	25	#0	16QAM	NV	30	-3.60	-0.005	PASS
Band12	5	23095	25	#0	16QAM	NV	40	-5.06	-0.007	PASS
Band12	5	23095	25	#0	16QAM	NV	50	-6.17	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	-30	-5.51	-0.008	PASS
Band12	5	23155	25	#0	QPSK	NV	-20	-6.48	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	-10	-6.28	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	0	-5.01	-0.007	PASS
Band12	5	23155	25	#0	QPSK	NV	10	-6.35	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	20	-3.16	-0.004	PASS
Band12	5	23155	25	#0	QPSK	NV	30	-4.58	-0.006	PASS
Band12	5	23155	25	#0	QPSK	NV	40	-6.68	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	50	-4.58	-0.006	PASS
Band12	5	23155	25	#0	16QAM	NV	-30	-6.49	-0.009	PASS
Band12	5	23155	25	#0	16QAM	NV	-20	-4.62	-0.006	PASS
Band12	5	23155	25	#0	16QAM	NV	-10	-5.51	-0.008	PASS
Band12	5	23155	25	#0	16QAM	NV	0	-7.55	-0.011	PASS
Band12	5	23155	25	#0	16QAM	NV	10	-8.11	-0.011	PASS
Band12	5	23155	25	#0	16QAM	NV	20	-6.28	-0.009	PASS
Band12	5	23155	25	#0	16QAM	NV	30	-5.19	-0.007	PASS
Band12	5	23155	25	#0	16QAM	NV	40	-6.69	-0.009	PASS
Band12	5	23155	25	#0	16QAM	NV	50	-6.95	-0.010	PASS
Band12	10	23060	50	#0	QPSK	NV	-30	-2.63	-0.004	PASS
Band12	10	23060	50	#0	QPSK	NV	-20	-6.19	-0.009	PASS
Band12	10	23060	50	#0	QPSK	NV	-10	-7.21	-0.010	PASS
Band12	10	23060	50	#0	QPSK	NV	0	-17.42	-0.025	PASS
Band12	10	23060	50	#0	QPSK	NV	10	-6.71	-0.010	PASS
Band12	10	23060	50	#0	QPSK	NV	20	-5.21	-0.007	PASS
Band12	10	23060	50	#0	QPSK	NV	30	-5.04	-0.007	PASS
Band12	10	23060	50	#0	QPSK	NV	40	-3.23	-0.005	PASS
Band12	10	23060	50	#0	QPSK	NV	50	-5.65	-0.008	PASS
Band12	10	23060	50	#0	16QAM	NV	-30	-3.60	-0.005	PASS
Band12	10	23060	50	#0	16QAM	NV	-20	-7.61	-0.011	PASS
Band12	10	23060	50	#0	16QAM	NV	-10	-4.66	-0.007	PASS
Band12	10	23060	50	#0	16QAM	NV	0	-7.64	-0.011	PASS
Band12	10	23060	50	#0	16QAM	NV	10	-3.96	-0.006	PASS
Band12	10	23060	50	#0	16QAM	NV	20	-5.18	-0.007	PASS
Band12	10	23060	50	#0	16QAM	NV	30	-4.61	-0.007	PASS

Band12	10	23060	50	#0	16QAM	NV	40	-6.65	-0.009	PASS
Band12	10	23060	50	#0	16QAM	NV	50	-4.89	-0.007	PASS
Band12	10	23095	50	#0	QPSK	NV	-30	-4.46	-0.006	PASS
Band12	10	23095	50	#0	QPSK	NV	-20	-5.89	-0.008	PASS
Band12	10	23095	50	#0	QPSK	NV	-10	-4.51	-0.006	PASS
Band12	10	23095	50	#0	QPSK	NV	0	-4.63	-0.007	PASS
Band12	10	23095	50	#0	QPSK	NV	10	-6.15	-0.009	PASS
Band12	10	23095	50	#0	QPSK	NV	20	-5.41	-0.008	PASS
Band12	10	23095	50	#0	QPSK	NV	30	-3.58	-0.005	PASS
Band12	10	23095	50	#0	QPSK	NV	40	-7.01	-0.010	PASS
Band12	10	23095	50	#0	QPSK	NV	50	-5.48	-0.008	PASS
Band12	10	23095	50	#0	16QAM	NV	-30	-5.52	-0.008	PASS
Band12	10	23095	50	#0	16QAM	NV	-20	-6.25	-0.009	PASS
Band12	10	23095	50	#0	16QAM	NV	-10	-4.61	-0.007	PASS
Band12	10	23095	50	#0	16QAM	NV	0	-3.99	-0.006	PASS
Band12	10	23095	50	#0	16QAM	NV	10	-6.42	-0.009	PASS
Band12	10	23095	50	#0	16QAM	NV	20	-5.45	-0.008	PASS
Band12	10	23095	50	#0	16QAM	NV	30	-4.75	-0.007	PASS
Band12	10	23095	50	#0	16QAM	NV	40	-7.42	-0.010	PASS
Band12	10	23095	50	#0	16QAM	NV	50	-3.92	-0.006	PASS
Band12	10	23130	50	#0	QPSK	NV	-30	-6.34	-0.009	PASS
Band12	10	23130	50	#0	QPSK	NV	-20	-6.15	-0.009	PASS
Band12	10	23130	50	#0	QPSK	NV	-10	-6.55	-0.009	PASS
Band12	10	23130	50	#0	QPSK	NV	0	-4.39	-0.006	PASS
Band12	10	23130	50	#0	QPSK	NV	10	-6.45	-0.009	PASS
Band12	10	23130	50	#0	QPSK	NV	20	-6.32	-0.009	PASS
Band12	10	23130	50	#0	QPSK	NV	30	-3.81	-0.005	PASS
Band12	10	23130	50	#0	QPSK	NV	40	-4.63	-0.007	PASS
Band12	10	23130	50	#0	QPSK	NV	50	-5.06	-0.007	PASS
Band12	10	23130	50	#0	16QAM	NV	-30	-4.59	-0.006	PASS
Band12	10	23130	50	#0	16QAM	NV	-20	-7.17	-0.010	PASS
Band12	10	23130	50	#0	16QAM	NV	-10	-5.19	-0.007	PASS
Band12	10	23130	50	#0	16QAM	NV	0	-4.59	-0.006	PASS
Band12	10	23130	50	#0	16QAM	NV	10	-6.01	-0.008	PASS
Band12	10	23130	50	#0	16QAM	NV	20	-5.54	-0.008	PASS
Band12	10	23130	50	#0	16QAM	NV	30	-4.86	-0.007	PASS
Band12	10	23130	50	#0	16QAM	NV	40	-6.05	-0.009	PASS
Band12	10	23130	50	#0	16QAM	NV	50	-7.41	-0.010	PASS

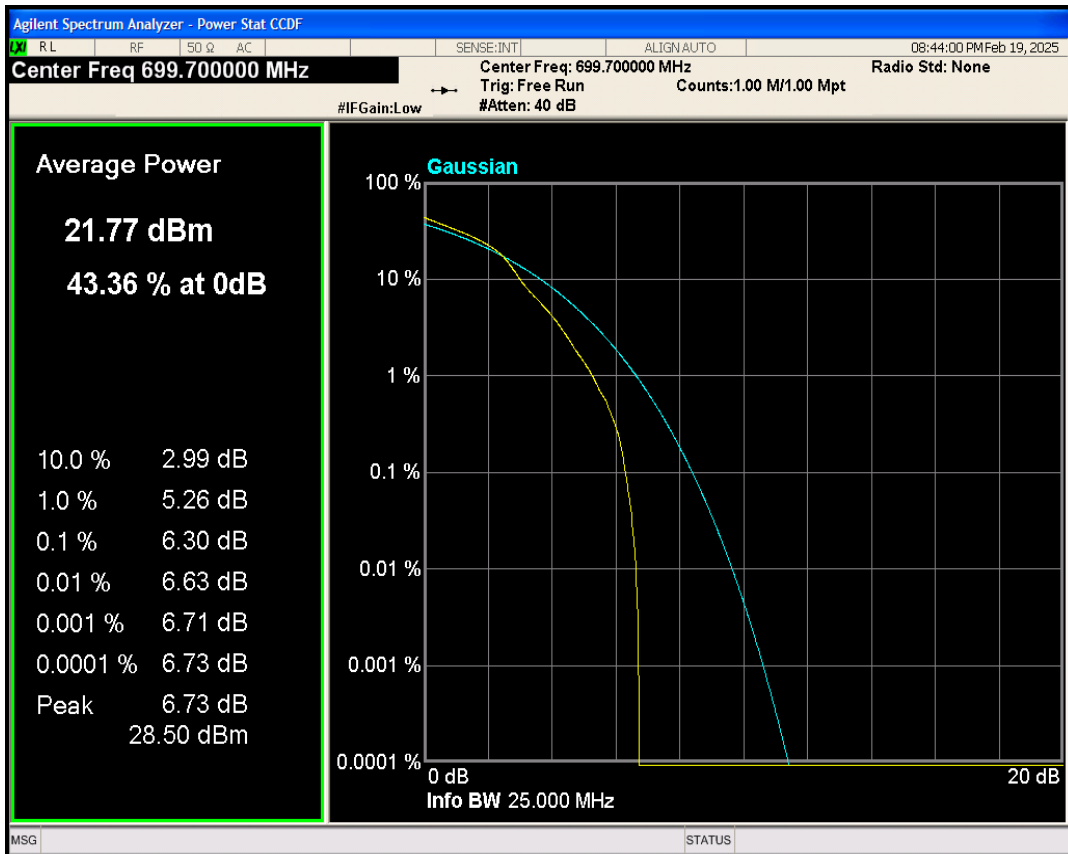
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	5.46	13	PASS
Band12	1.4	23017	1	#0	16QAM	6.30	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.28	13	PASS
Band12	1.4	23095	1	#0	16QAM	6.26	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.81	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.55	13	PASS
Band12	3	23025	1	#0	QPSK	5.29	13	PASS
Band12	3	23025	1	#0	16QAM	6.14	13	PASS
Band12	3	23095	1	#0	QPSK	5.28	13	PASS
Band12	3	23095	1	#0	16QAM	6.17	13	PASS
Band12	3	23165	1	#0	QPSK	4.69	13	PASS
Band12	3	23165	1	#0	16QAM	5.42	13	PASS
Band12	5	23035	1	#0	QPSK	5.56	13	PASS
Band12	5	23035	1	#0	16QAM	5.93	13	PASS
Band12	5	23095	1	#0	QPSK	5.32	13	PASS
Band12	5	23095	1	#0	16QAM	5.89	13	PASS
Band12	5	23155	1	#0	QPSK	4.94	13	PASS
Band12	5	23155	1	#0	16QAM	5.47	13	PASS
Band12	10	23060	1	#0	QPSK	5.31	13	PASS
Band12	10	23060	1	#0	16QAM	6.05	13	PASS
Band12	10	23095	1	#0	QPSK	5.48	13	PASS
Band12	10	23095	1	#0	16QAM	6.39	13	PASS
Band12	10	23130	1	#0	QPSK	5.13	13	PASS
Band12	10	23130	1	#0	16QAM	5.84	13	PASS

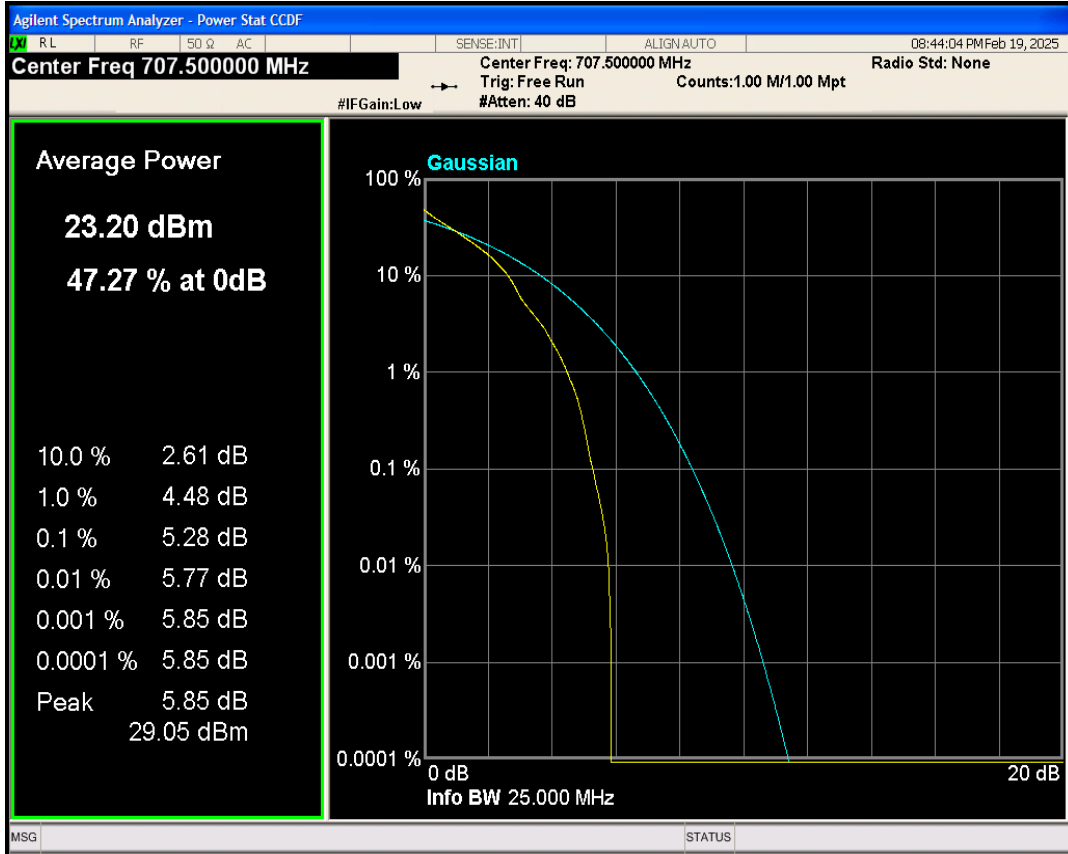
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



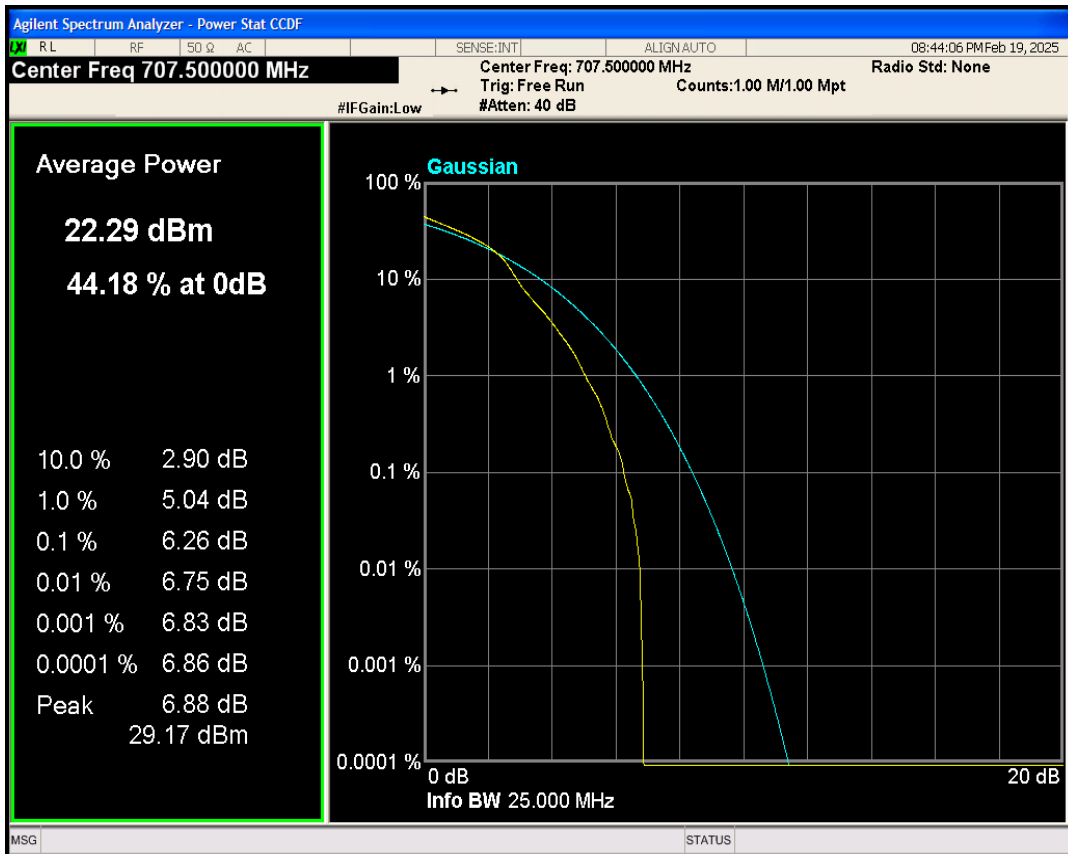
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



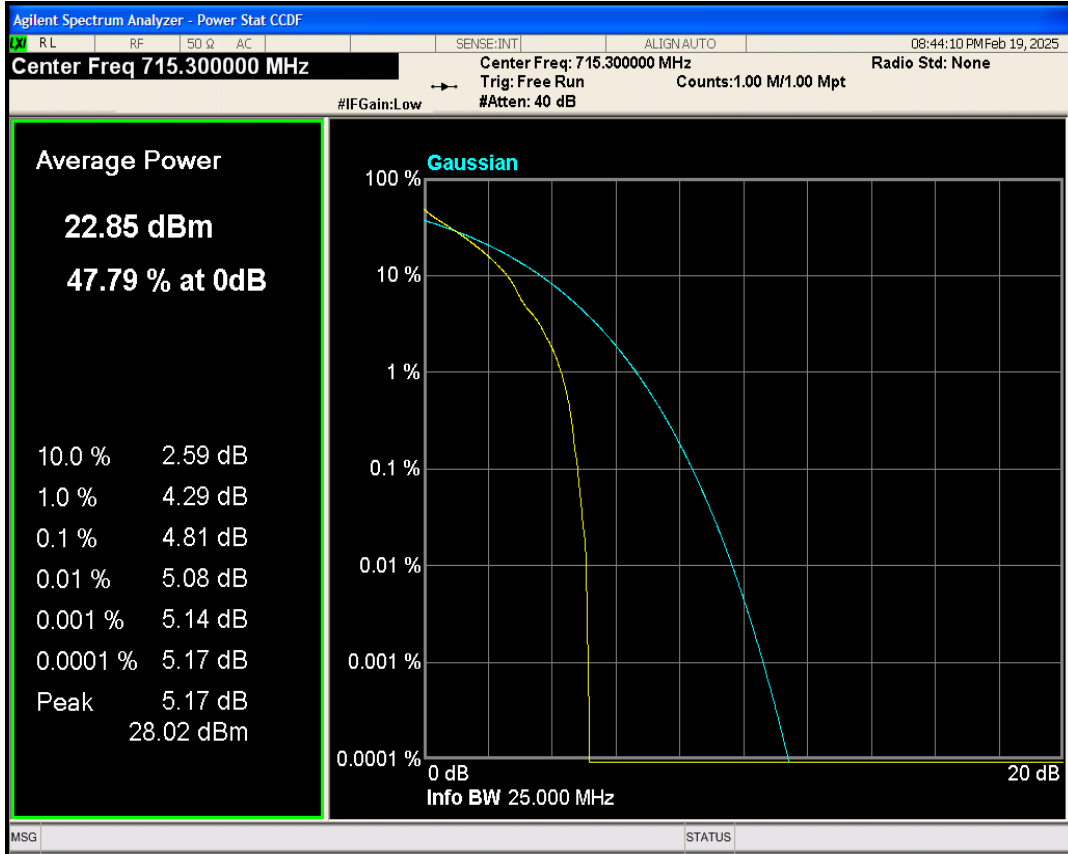
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



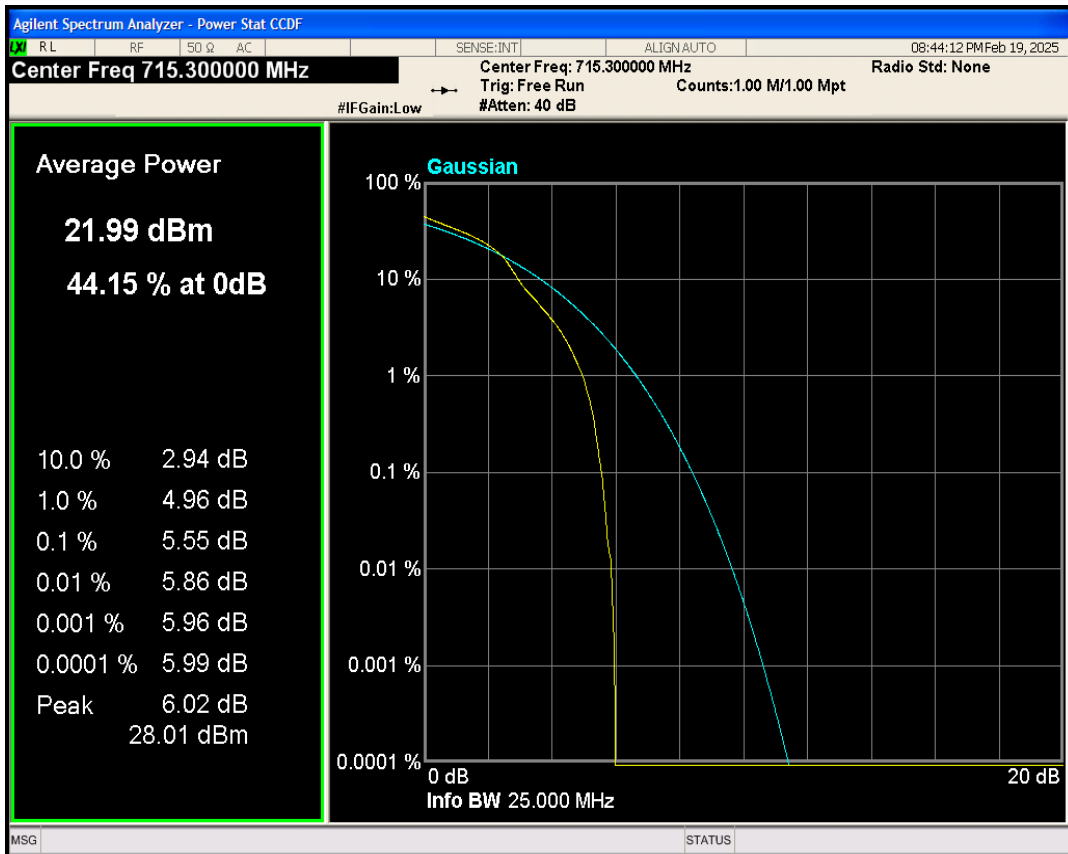
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



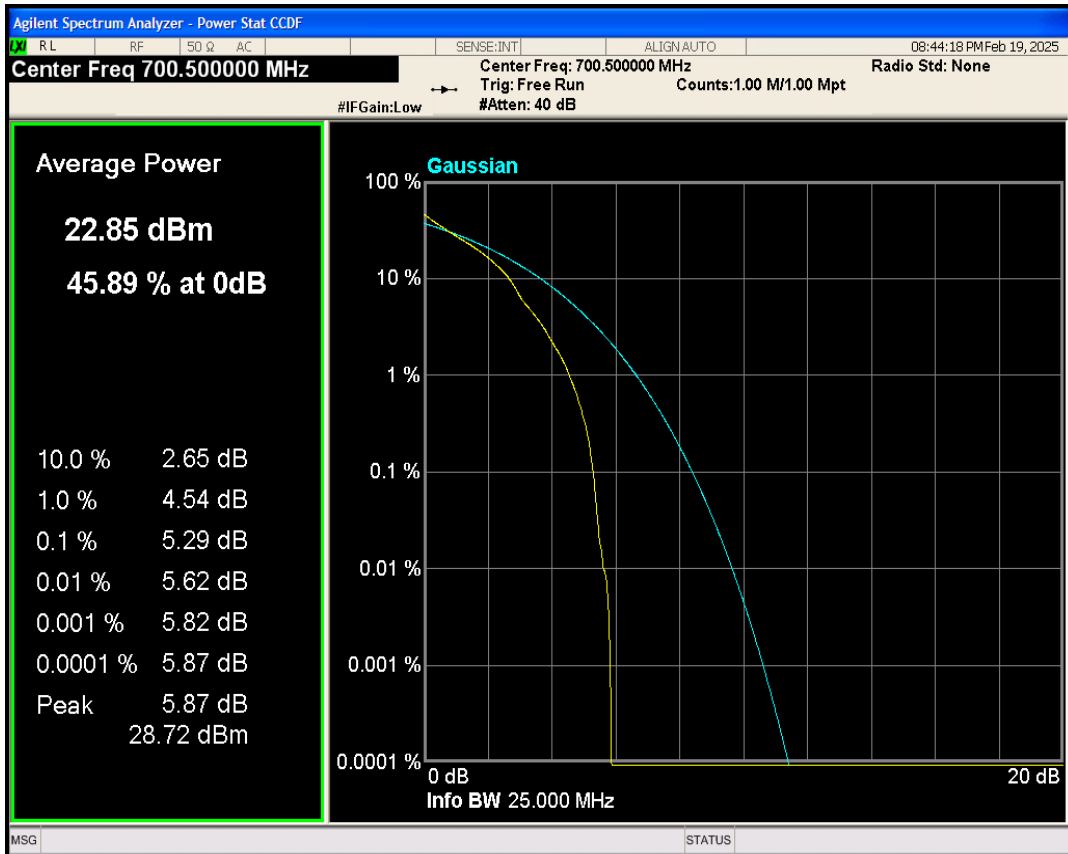
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



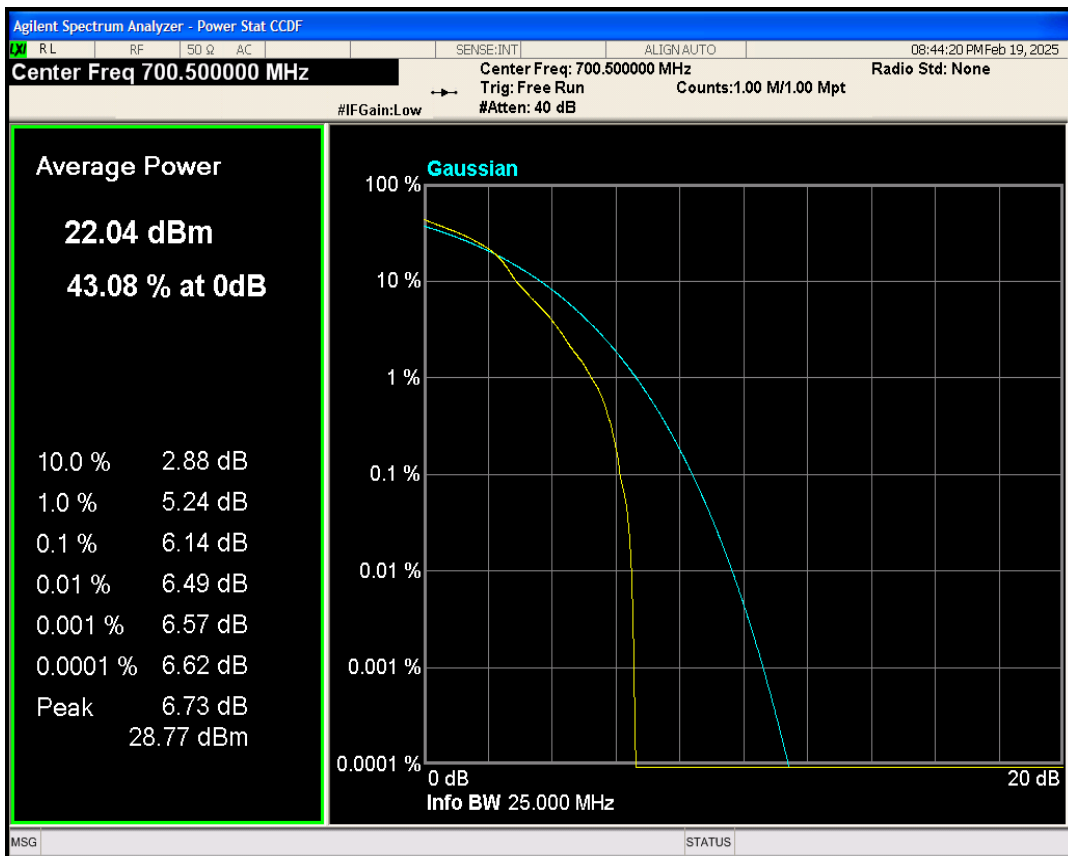
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



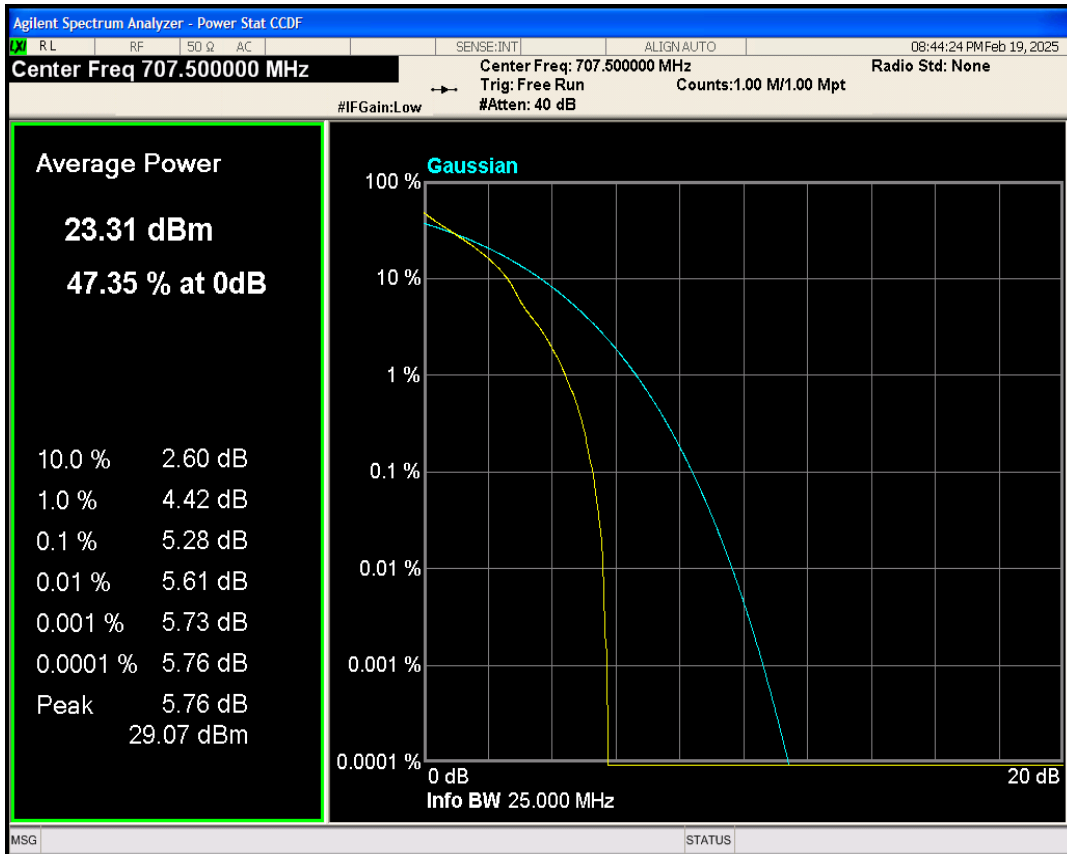
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



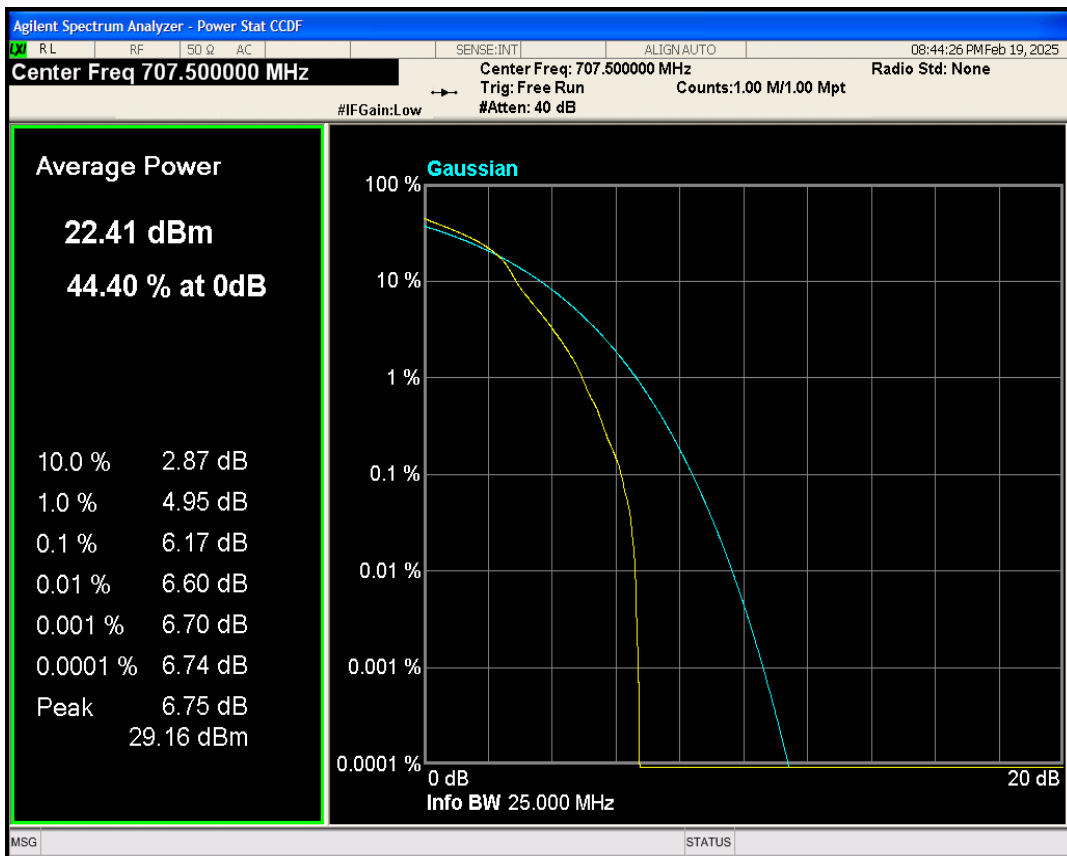
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



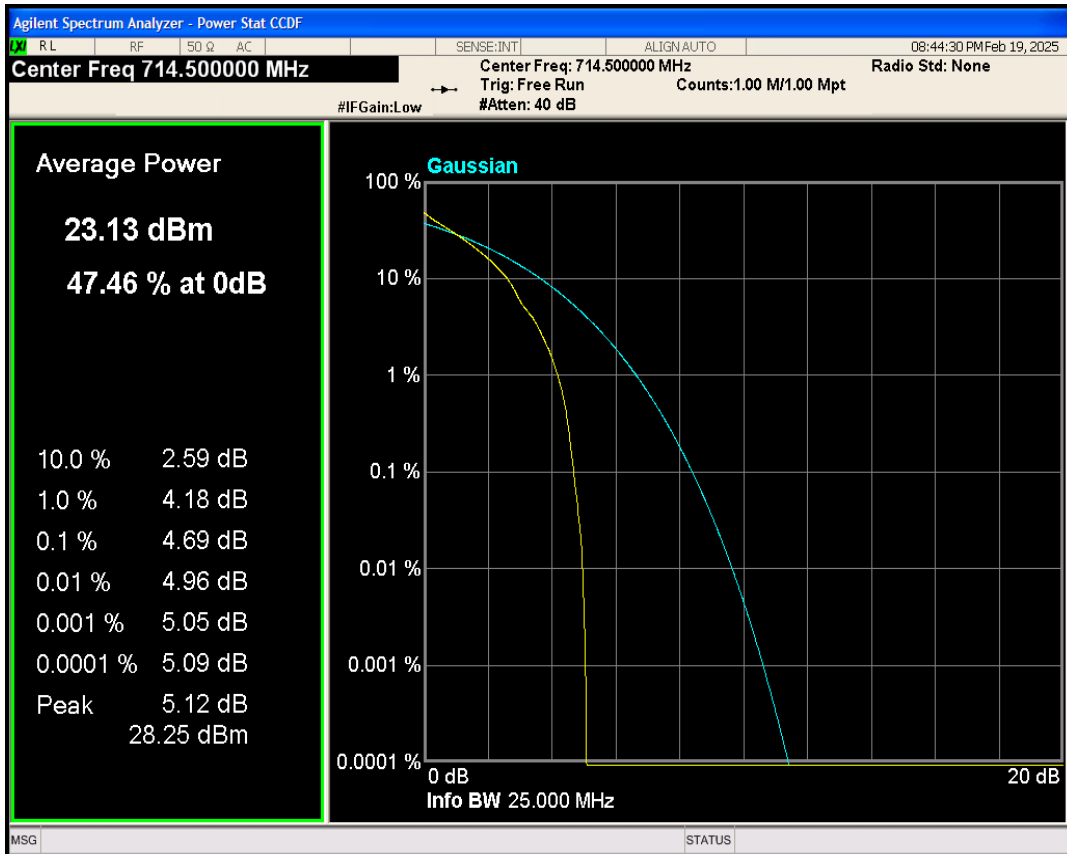
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



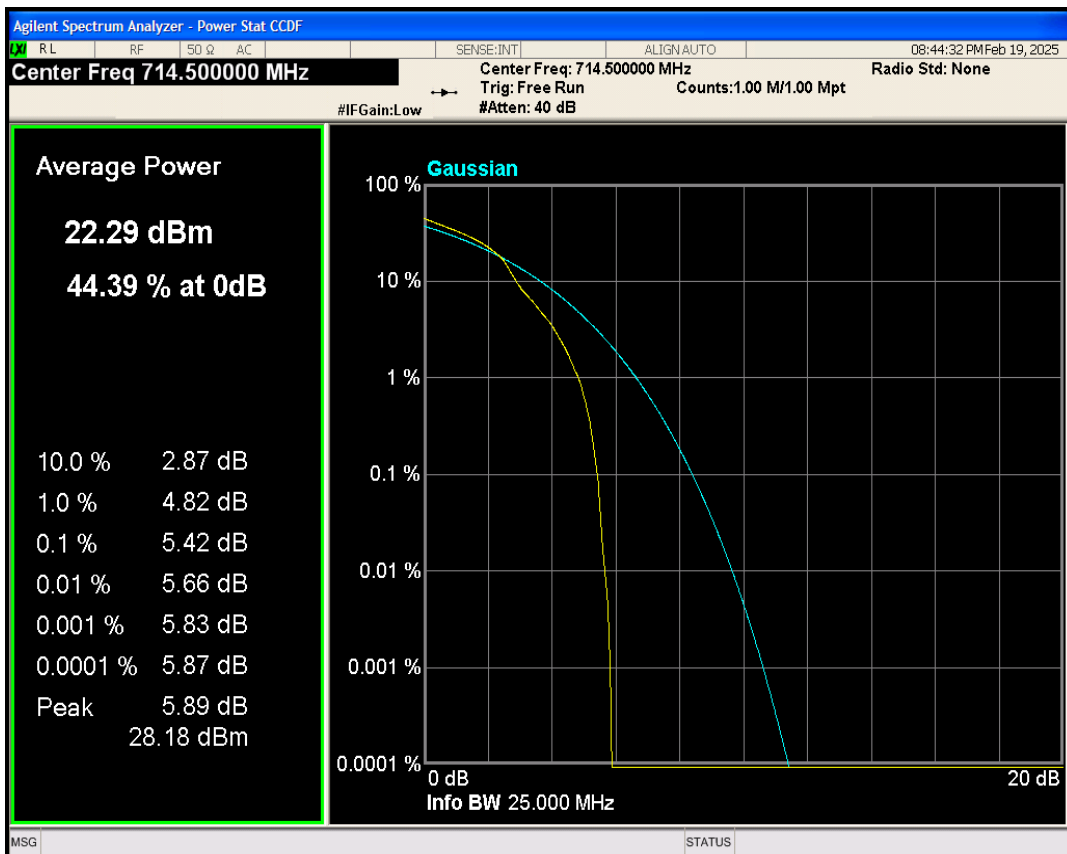
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



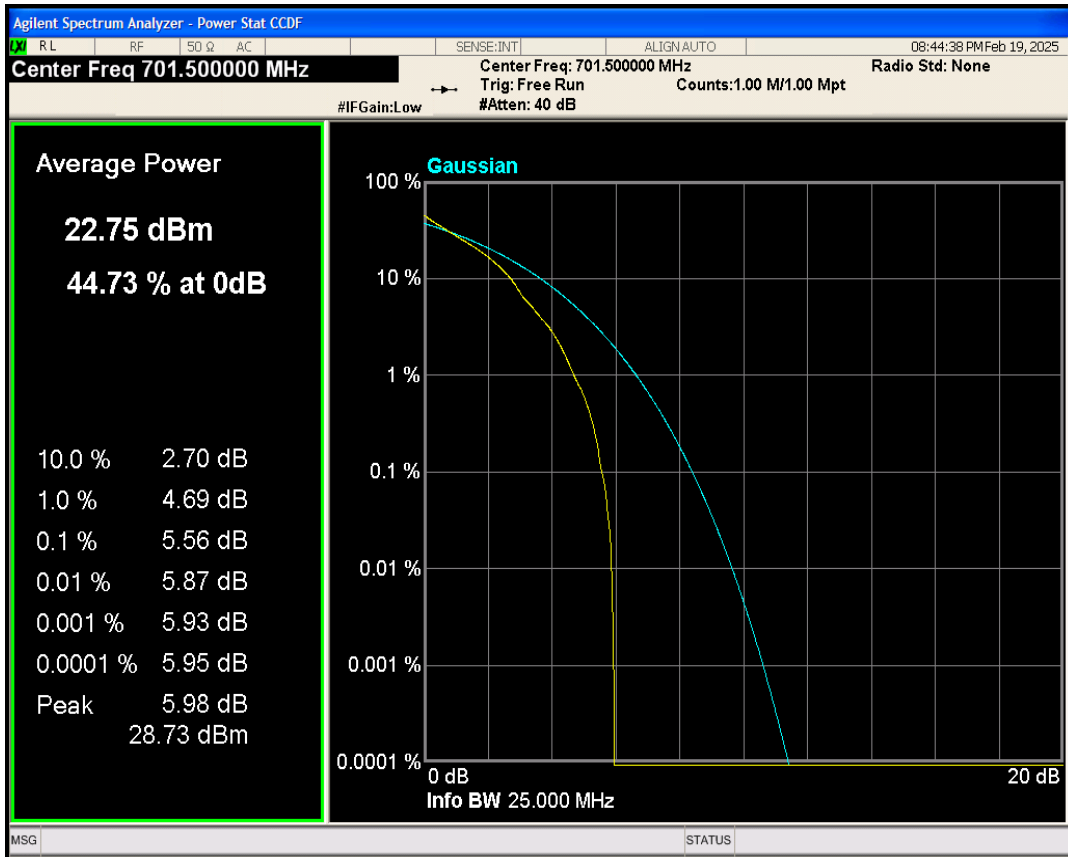
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



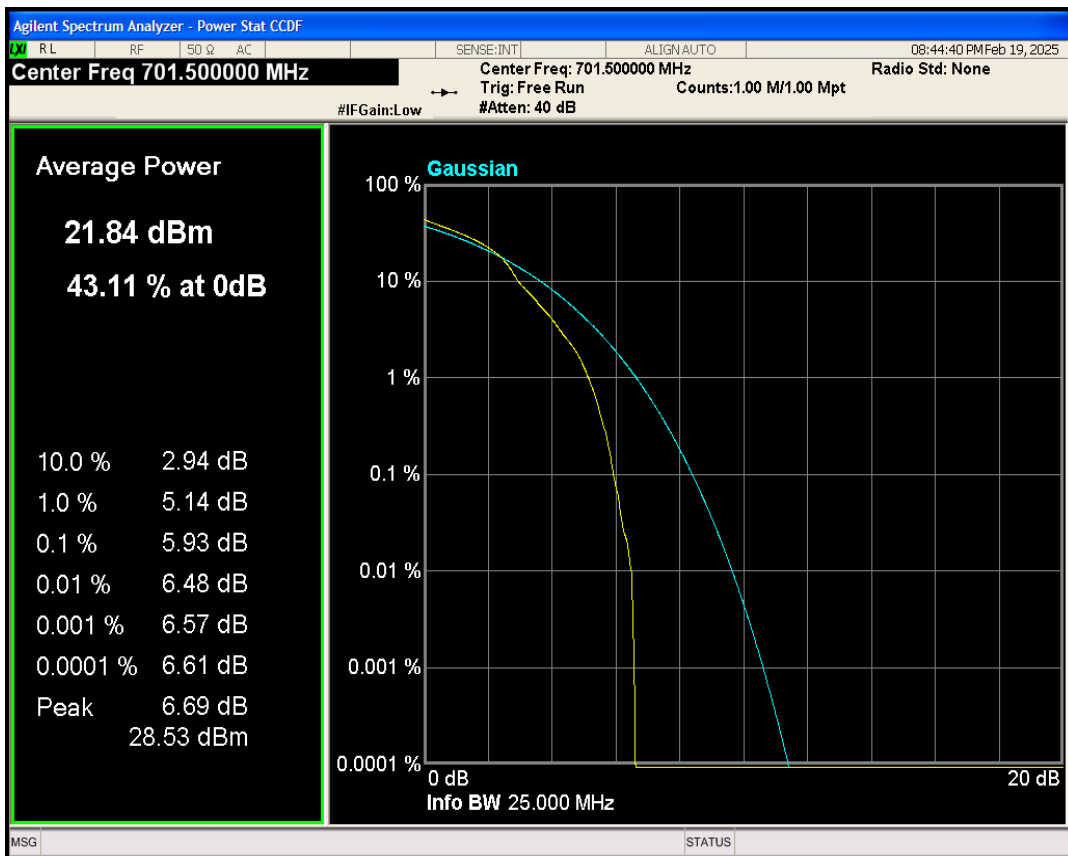
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



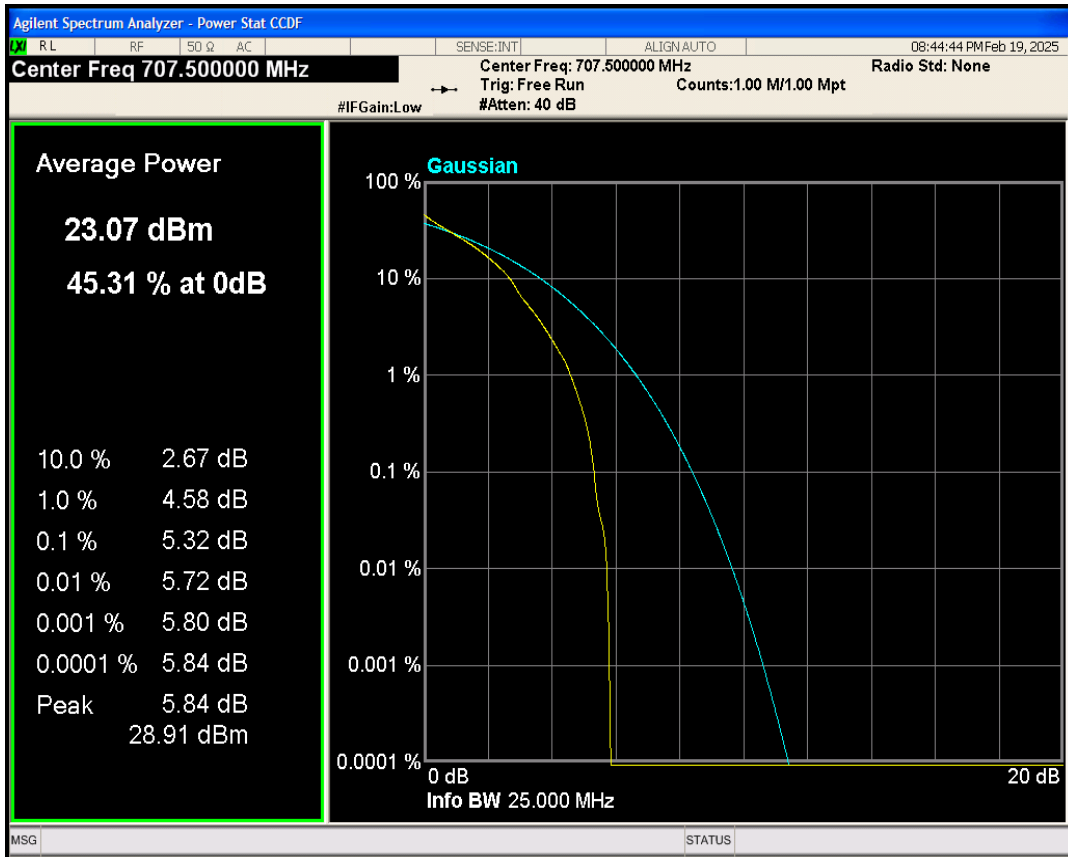
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



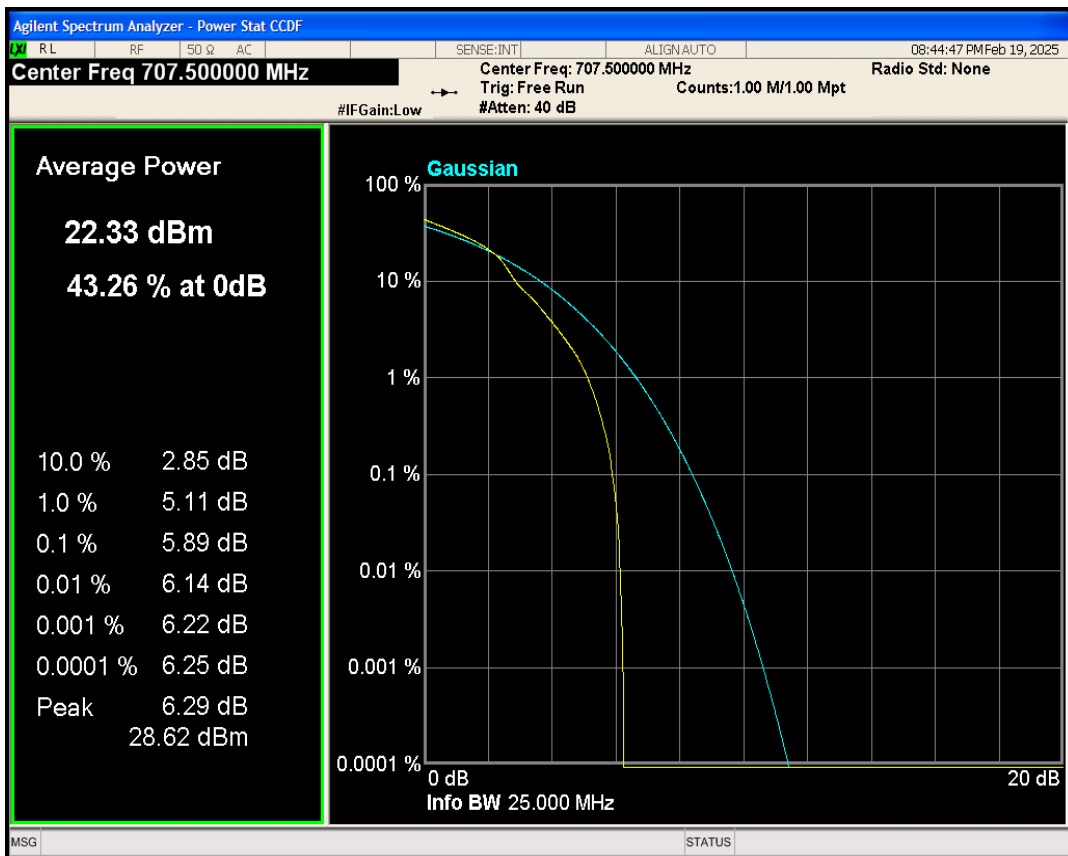
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



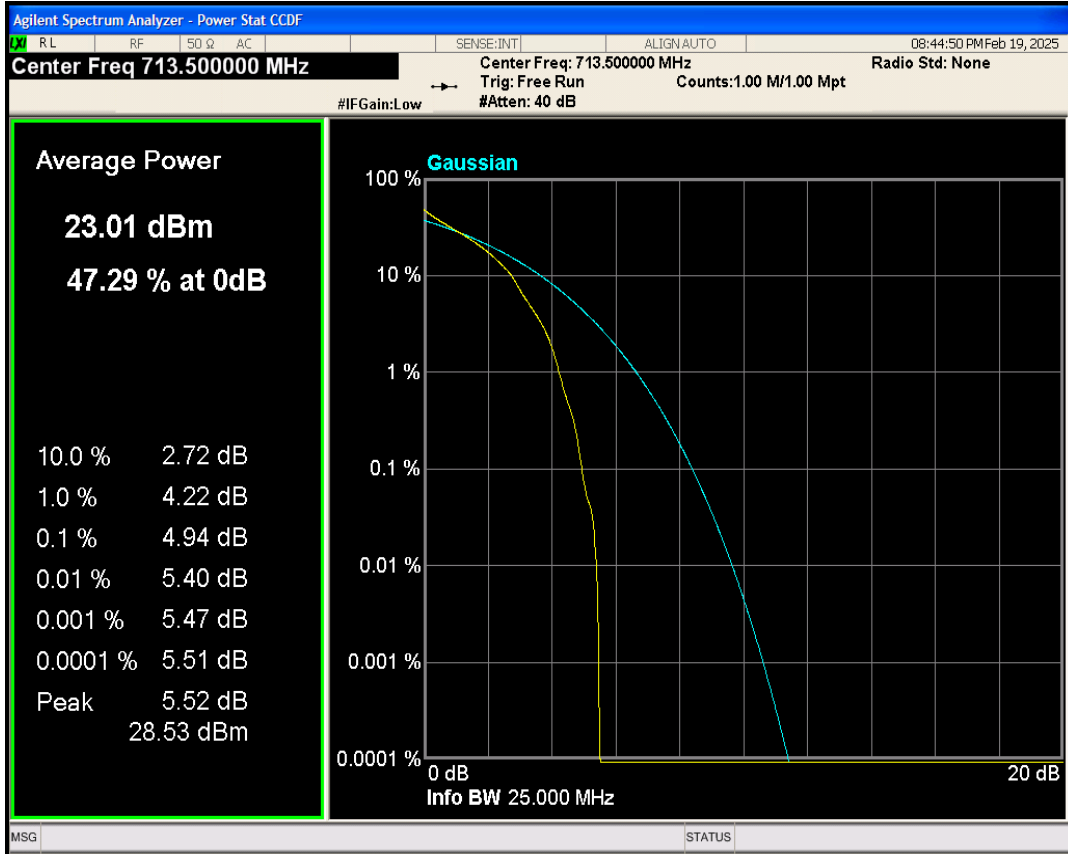
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



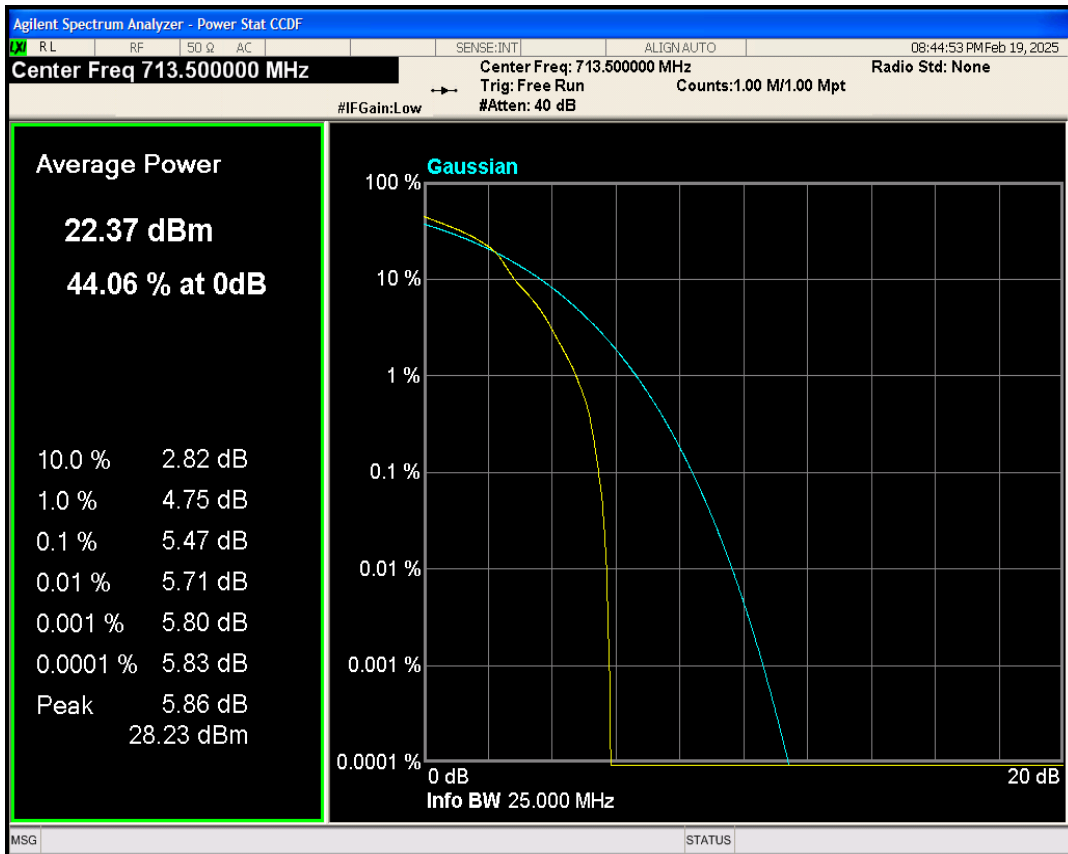
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



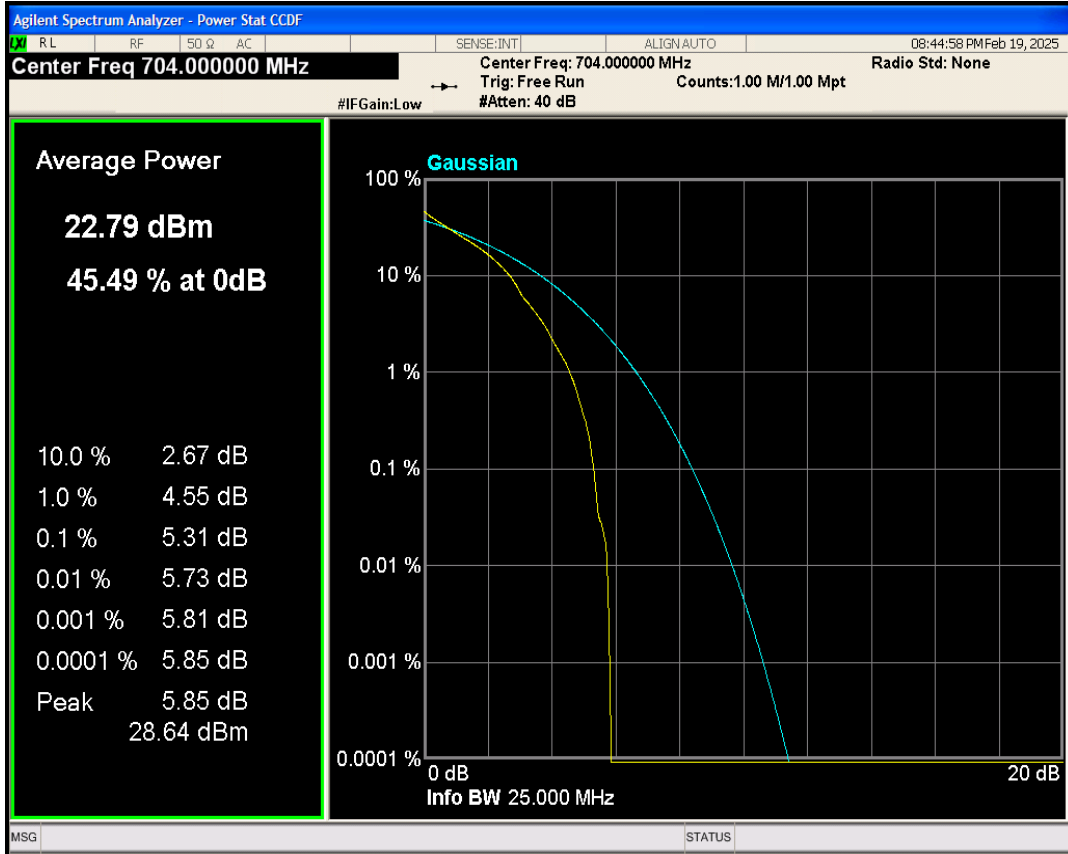
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



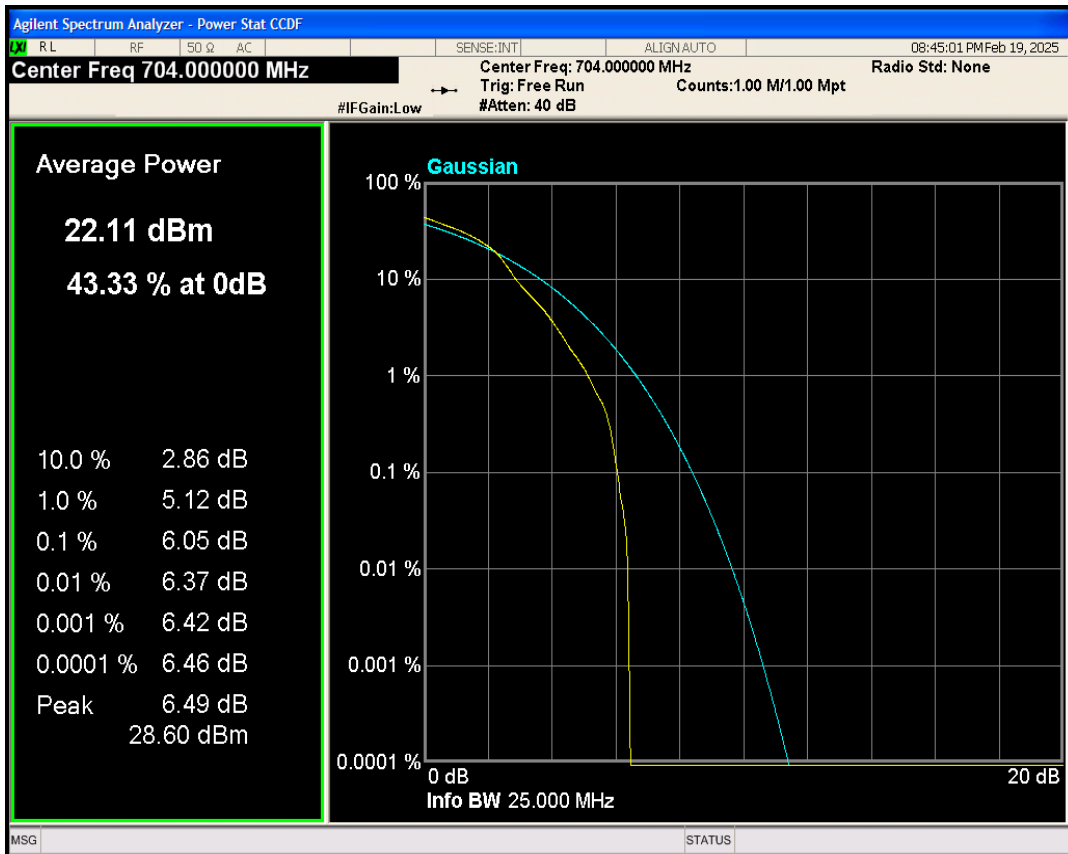
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



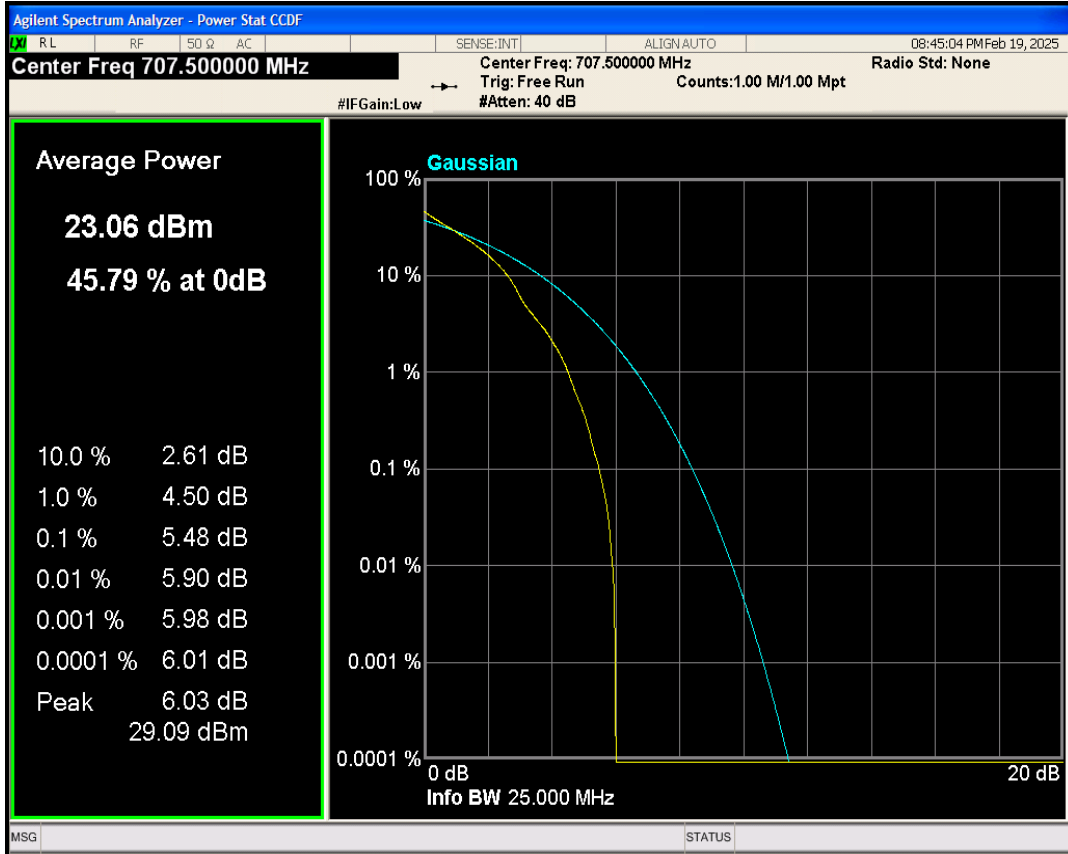
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



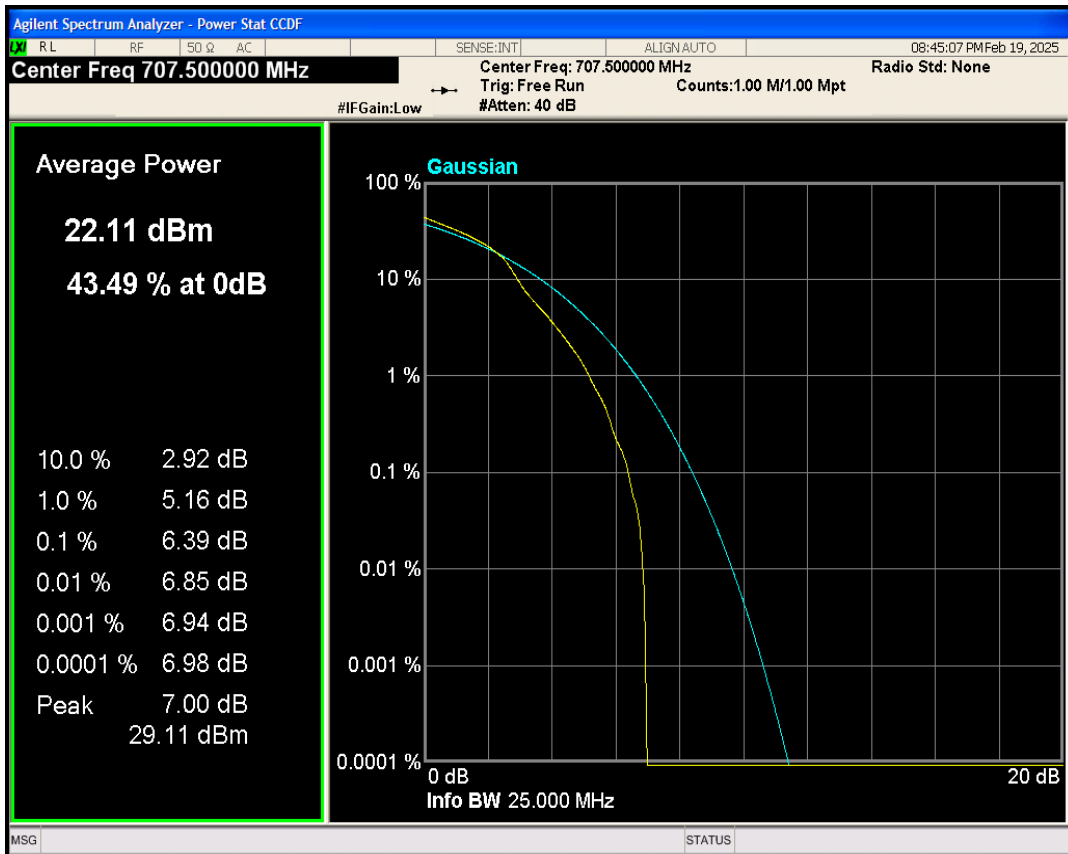
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



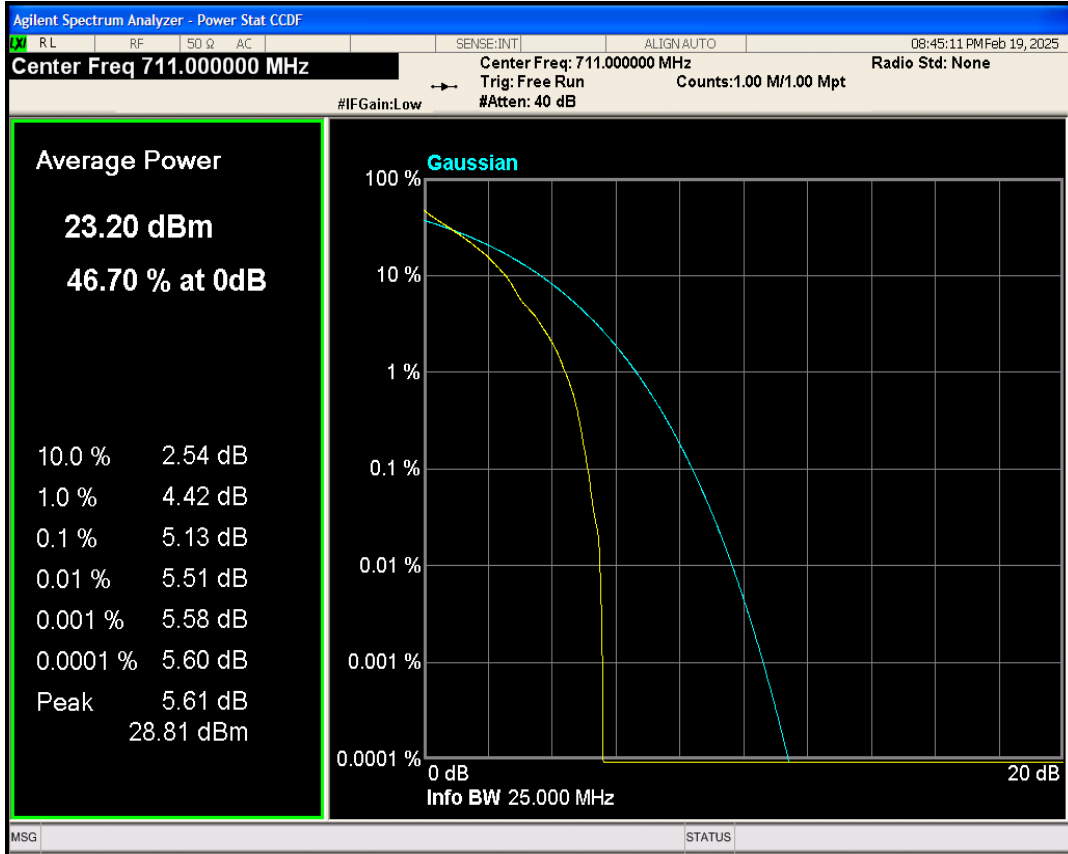
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



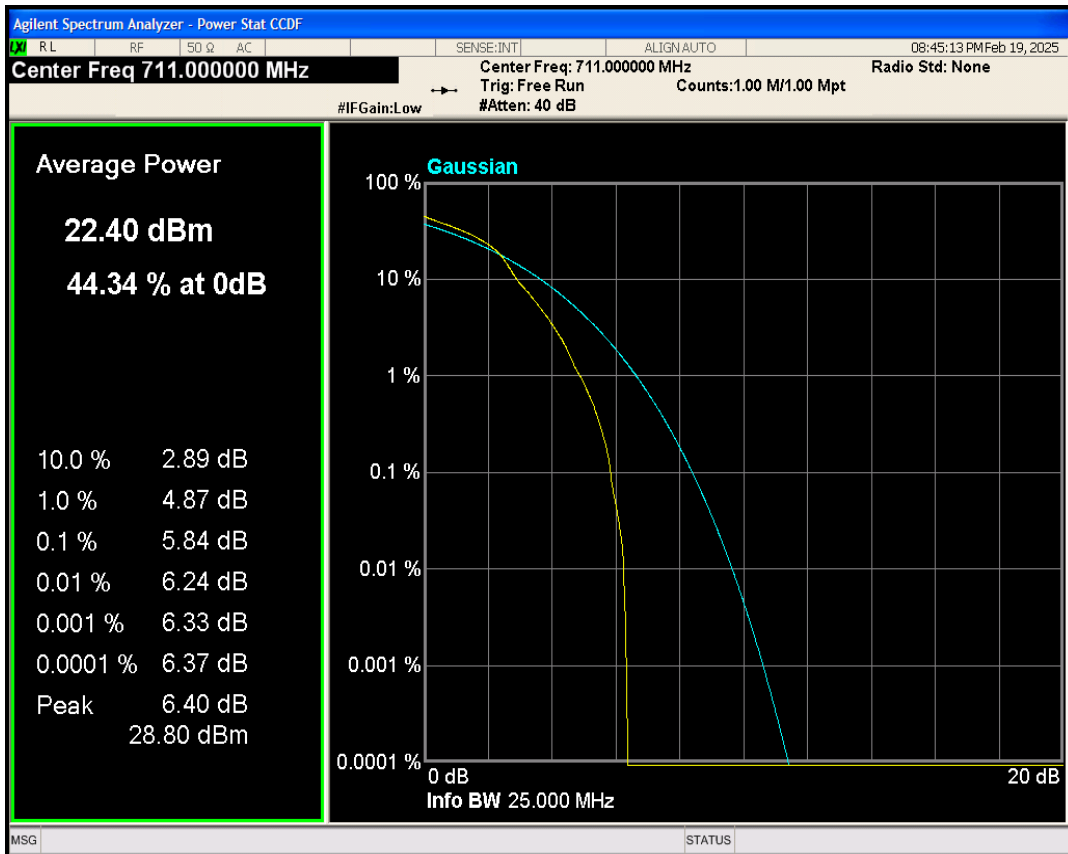
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



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



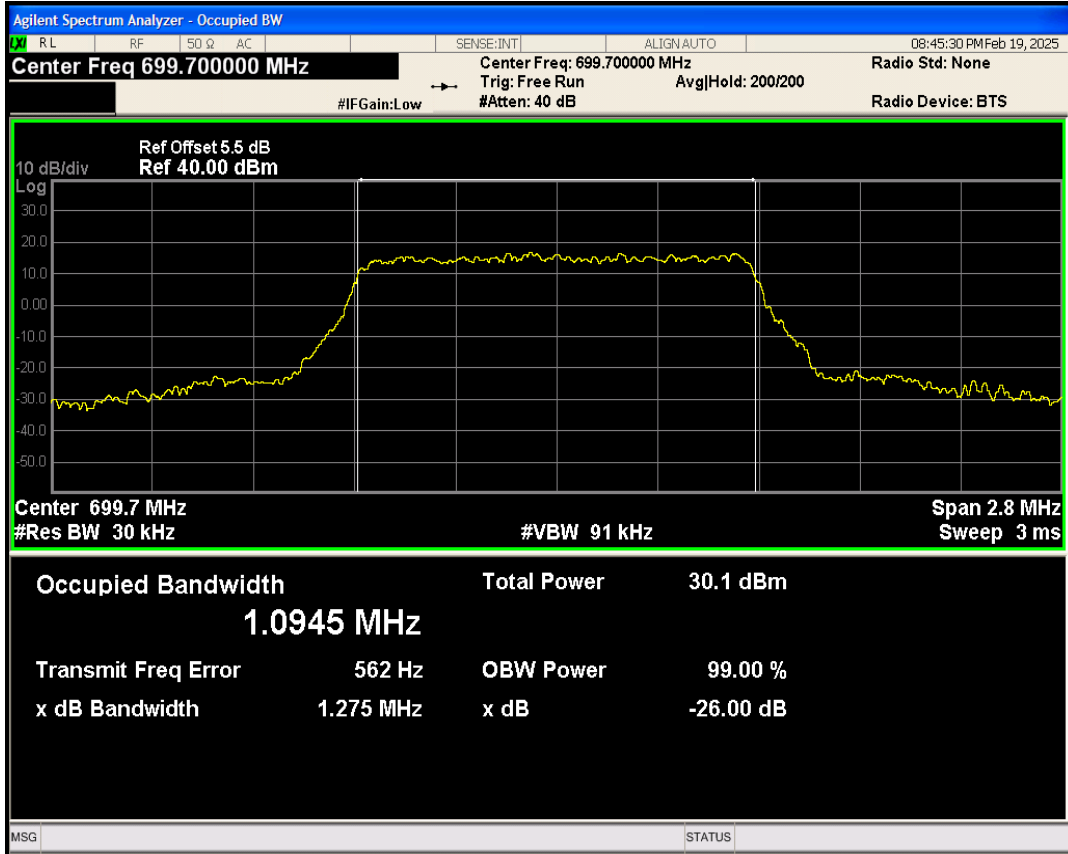
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



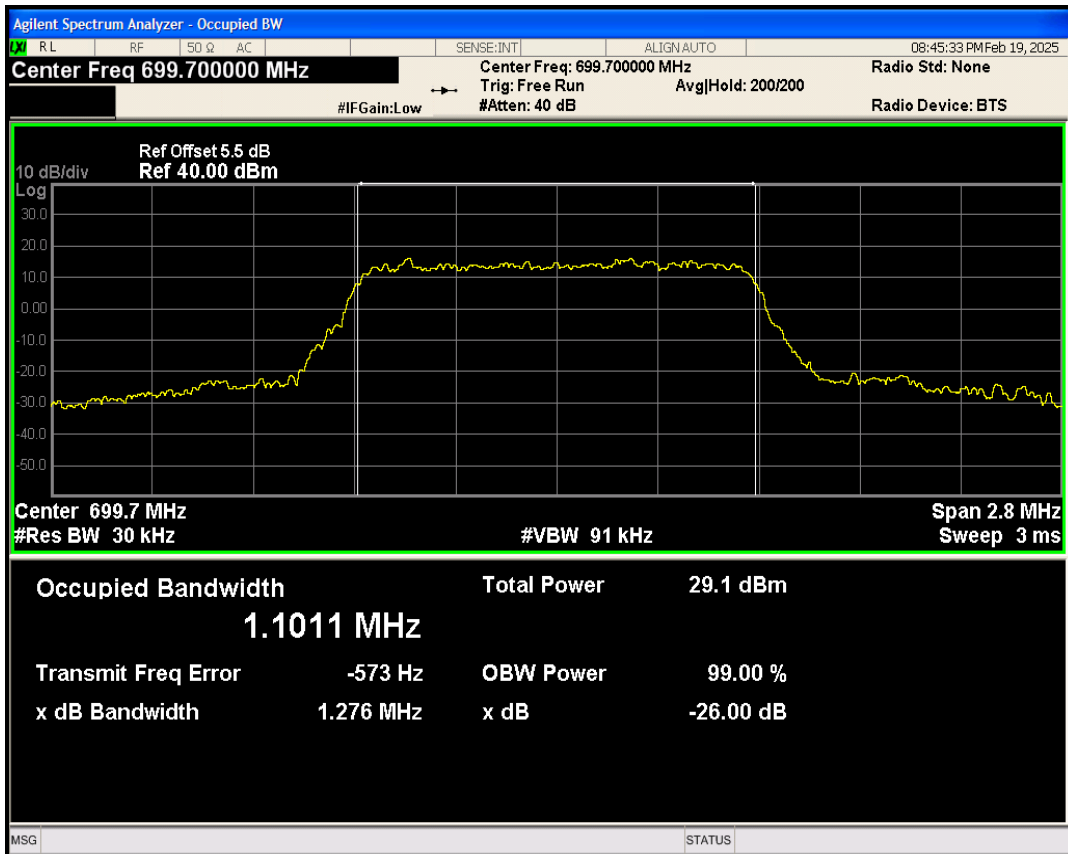
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.095	1.275	PASS
Band12	1.4	23017	6	#0	16QAM	1.101	1.276	PASS
Band12	1.4	23095	6	#0	QPSK	1.095	1.286	PASS
Band12	1.4	23095	6	#0	16QAM	1.090	1.262	PASS
Band12	1.4	23173	6	#0	QPSK	1.101	1.262	PASS
Band12	1.4	23173	6	#0	16QAM	1.094	1.284	PASS
Band12	3	23025	15	#0	QPSK	2.686	2.920	PASS
Band12	3	23025	15	#0	16QAM	2.690	2.912	PASS
Band12	3	23095	15	#0	QPSK	2.698	2.923	PASS
Band12	3	23095	15	#0	16QAM	2.688	2.934	PASS
Band12	3	23165	15	#0	QPSK	2.688	2.912	PASS
Band12	3	23165	15	#0	16QAM	2.697	2.927	PASS
Band12	5	23035	25	#0	QPSK	4.504	5.132	PASS
Band12	5	23035	25	#0	16QAM	4.501	5.034	PASS
Band12	5	23095	25	#0	QPSK	4.537	5.031	PASS
Band12	5	23095	25	#0	16QAM	4.533	5.110	PASS
Band12	5	23155	25	#0	QPSK	4.519	5.087	PASS
Band12	5	23155	25	#0	16QAM	4.542	5.155	PASS
Band12	10	23060	50	#0	QPSK	9.006	9.945	PASS
Band12	10	23060	50	#0	16QAM	8.973	9.950	PASS
Band12	10	23095	50	#0	QPSK	9.042	10.186	PASS
Band12	10	23095	50	#0	16QAM	9.030	10.160	PASS
Band12	10	23130	50	#0	QPSK	8.970	10.040	PASS
Band12	10	23130	50	#0	16QAM	8.968	9.989	PASS

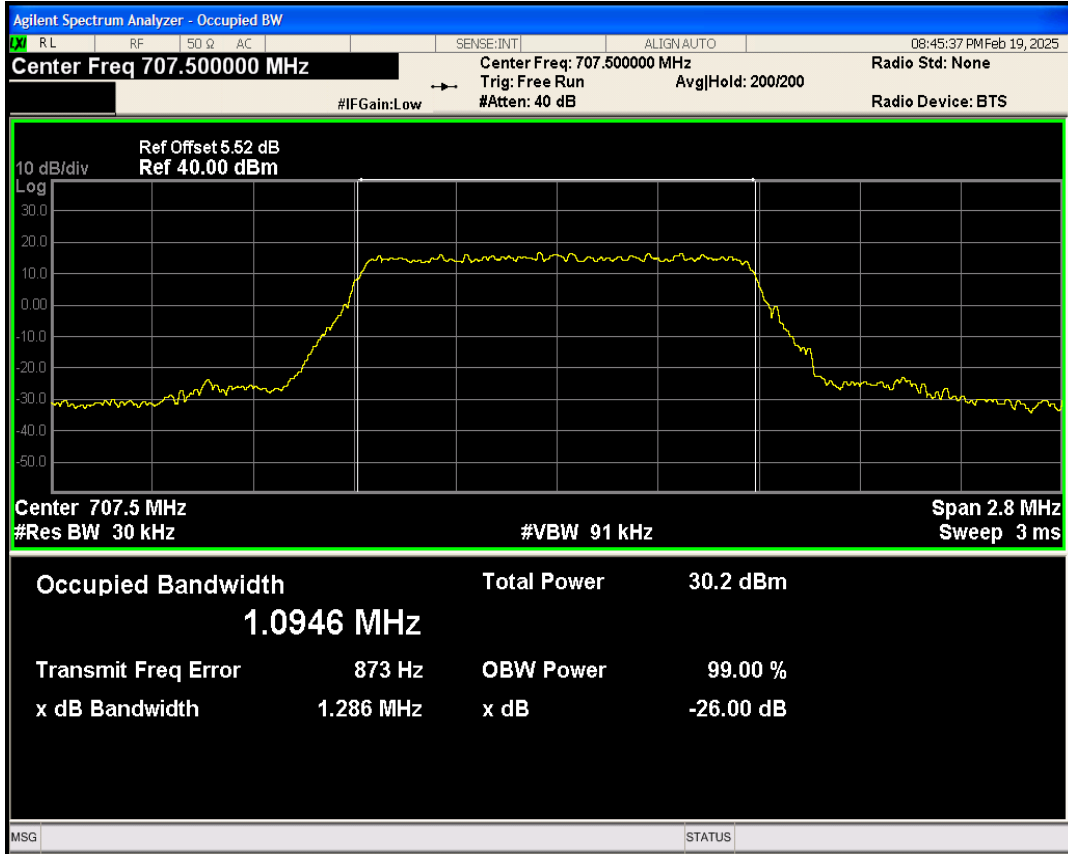
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



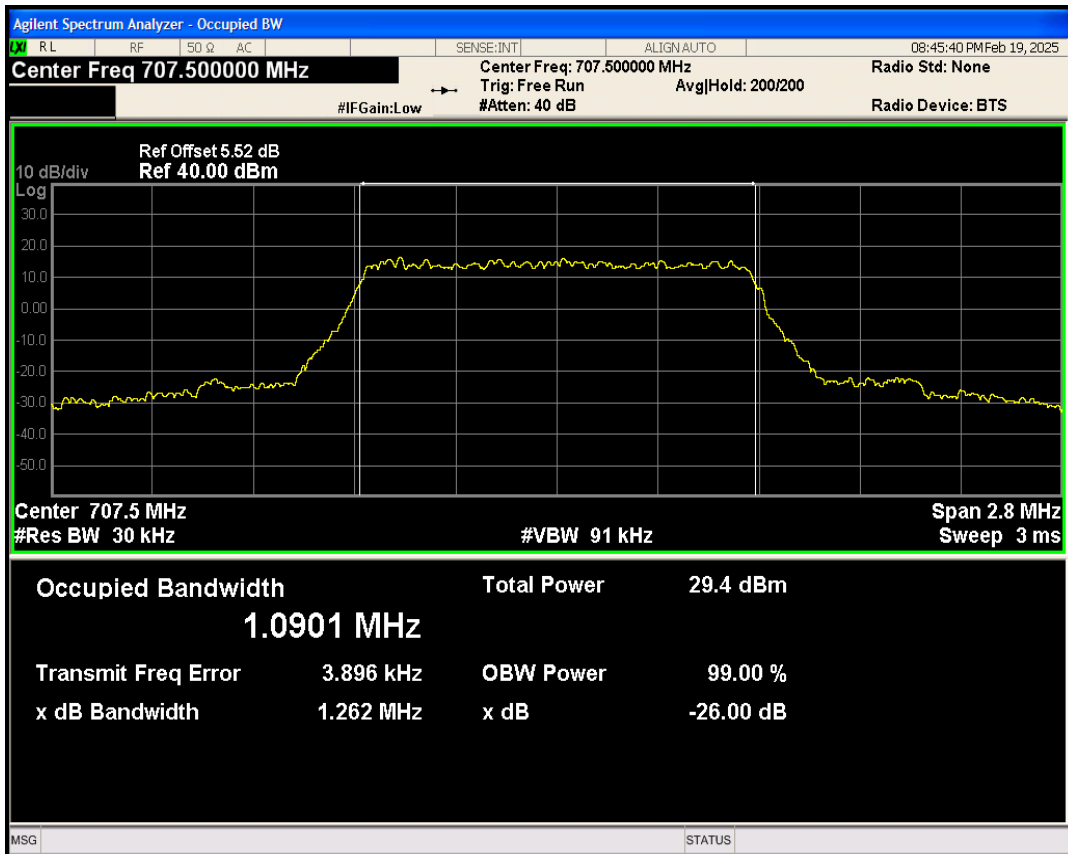
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



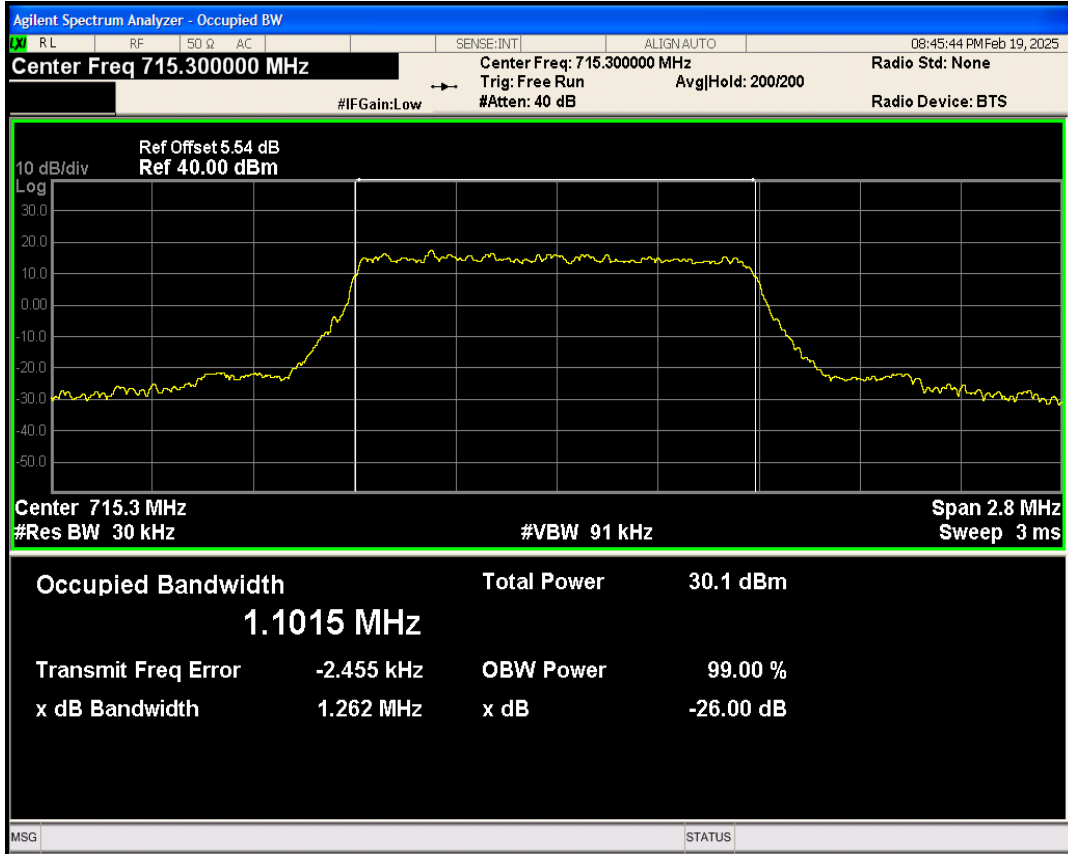
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



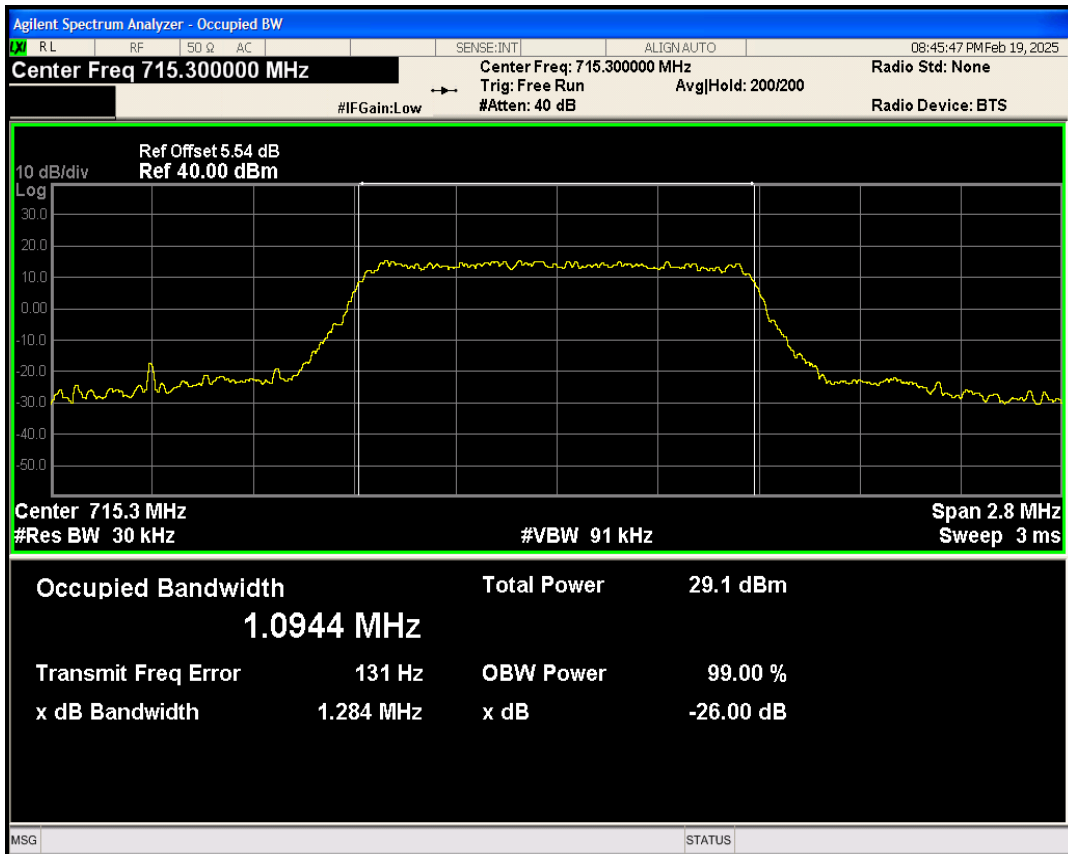
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



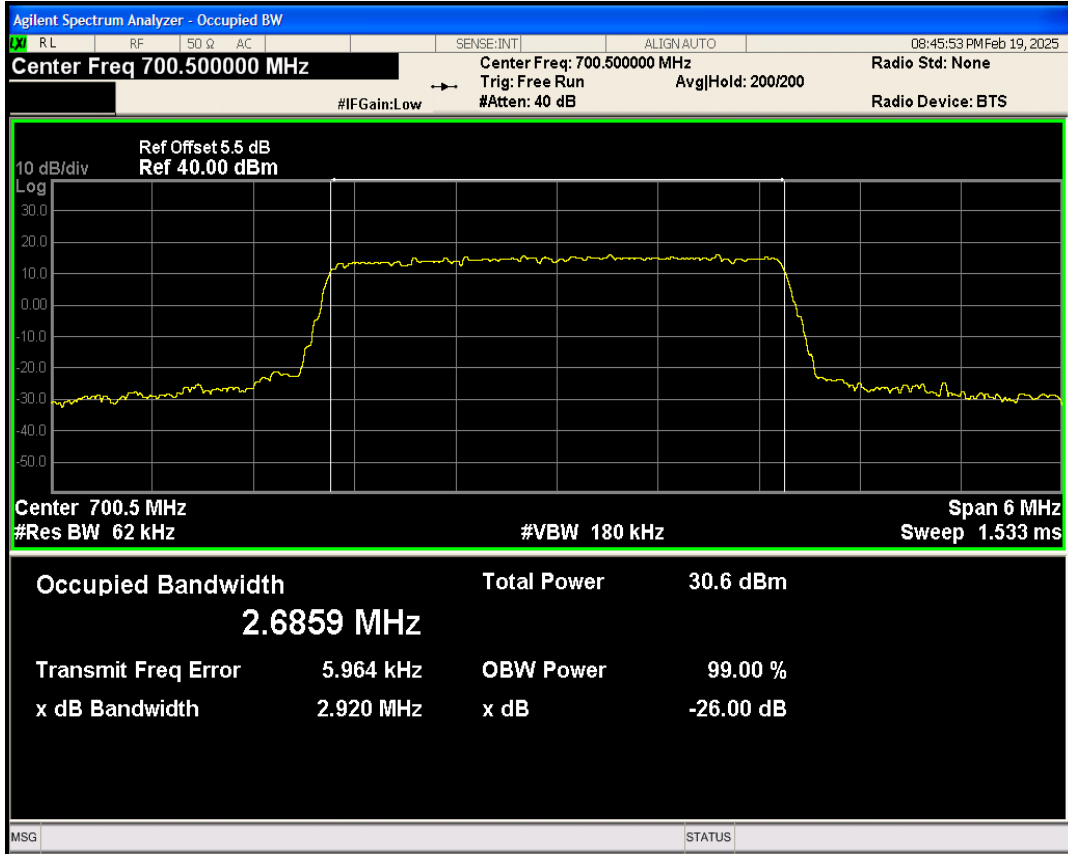
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



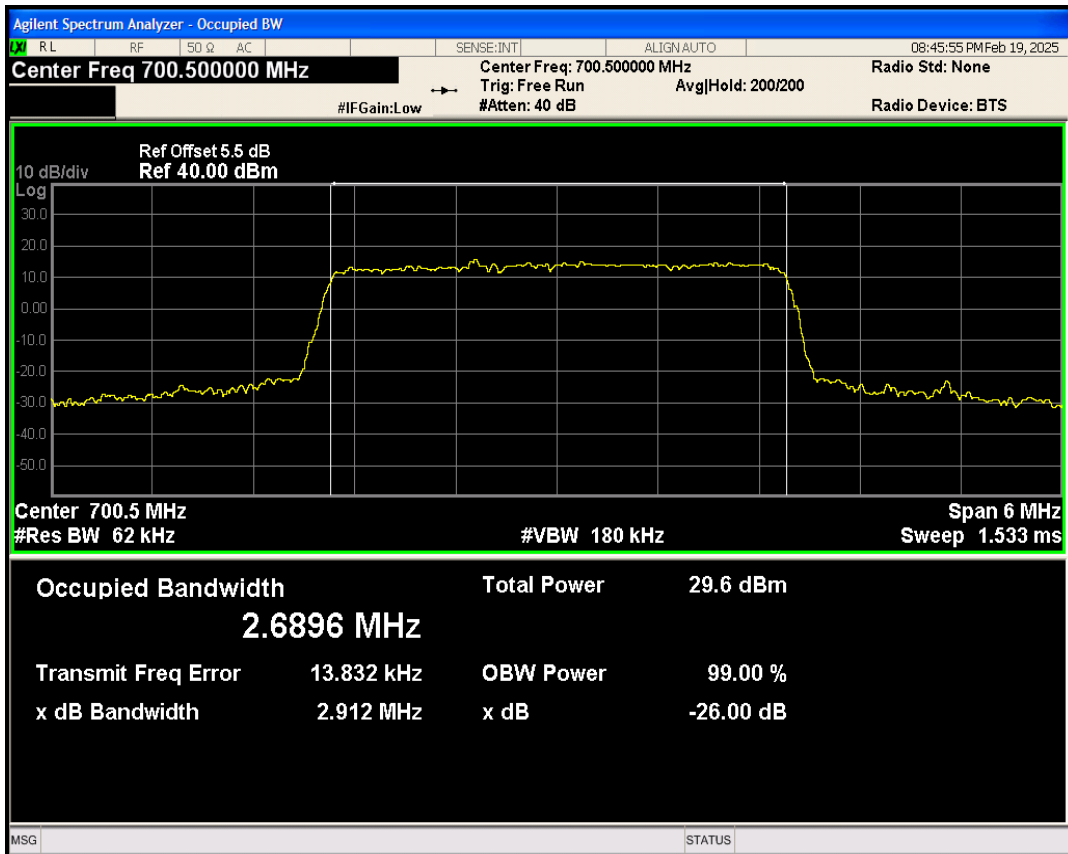
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



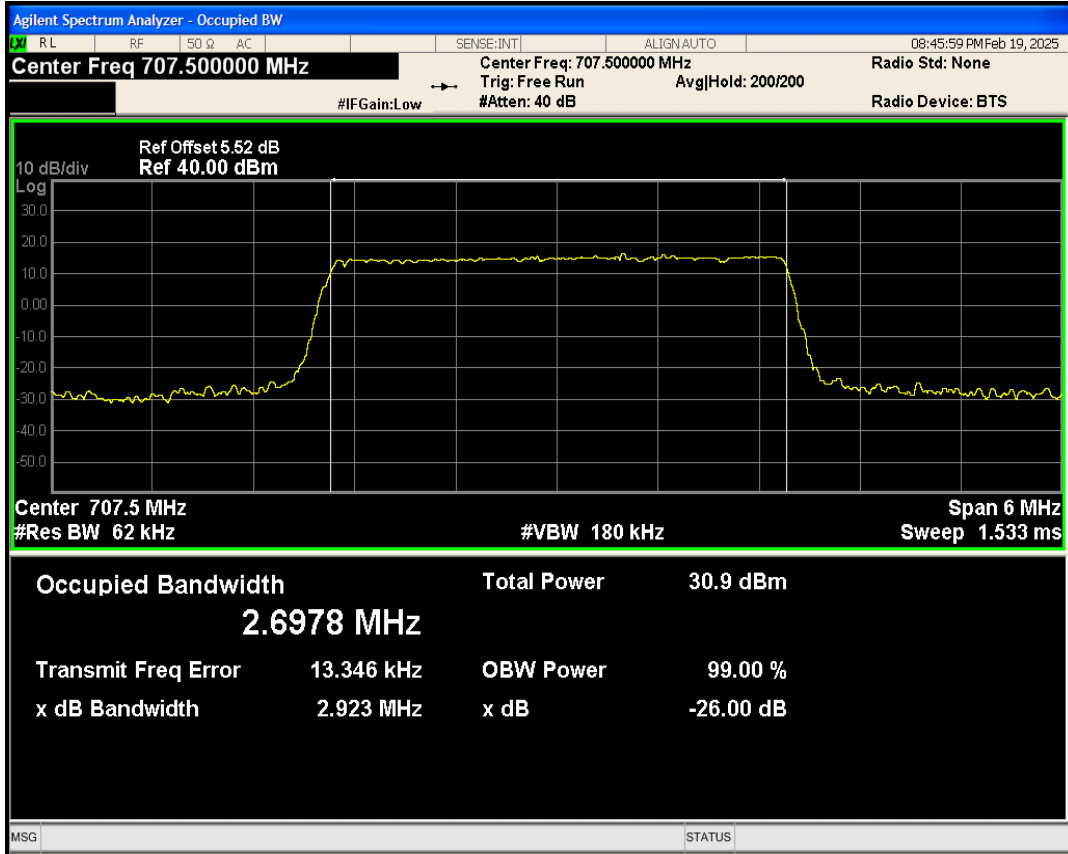
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



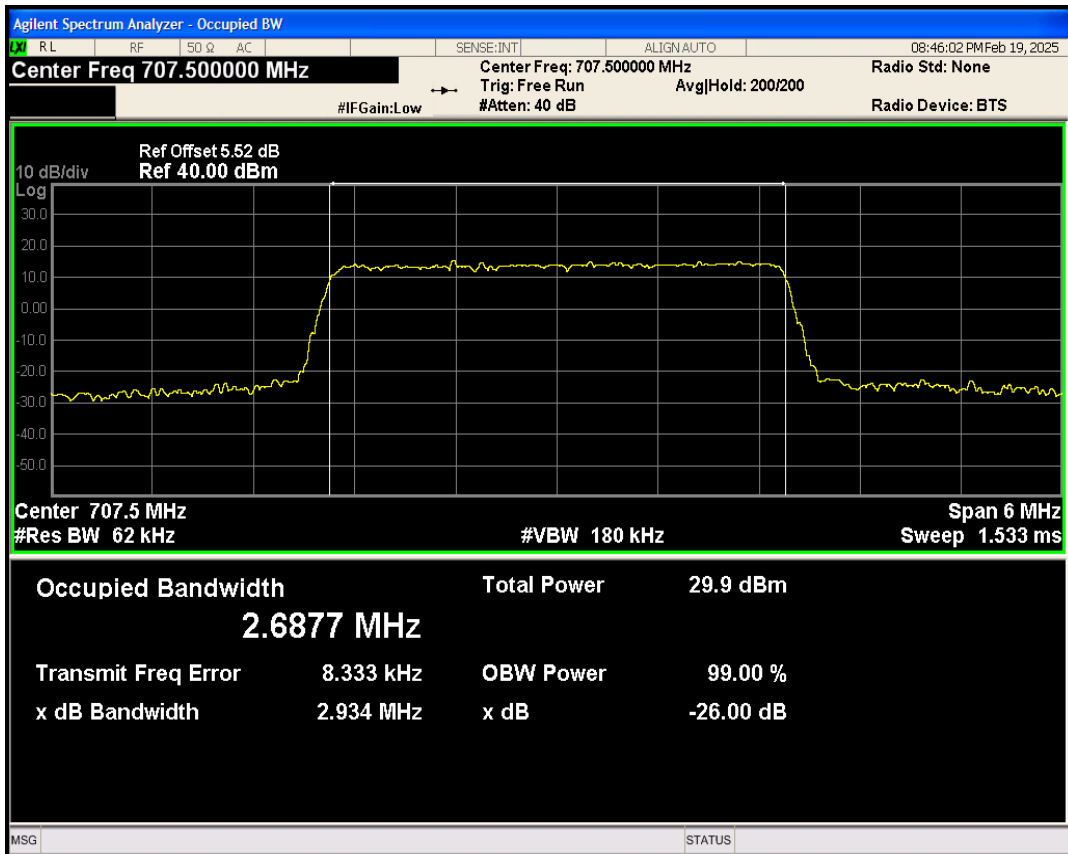
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



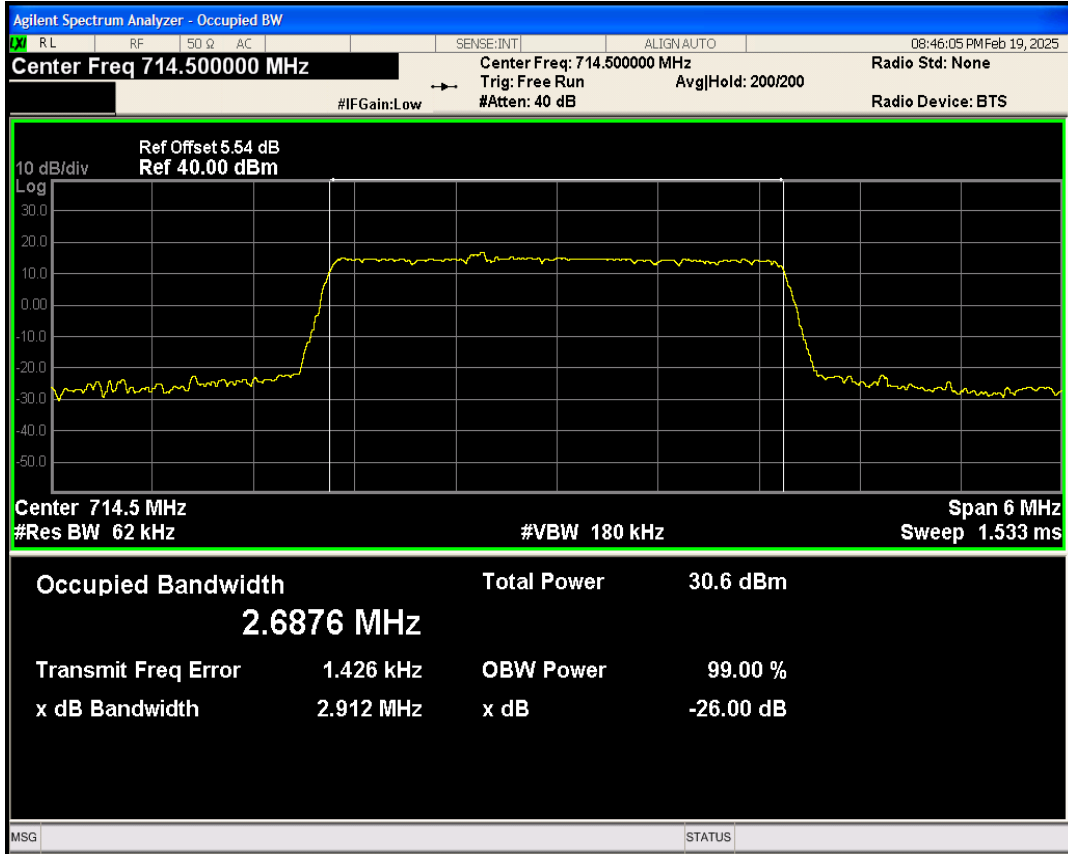
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



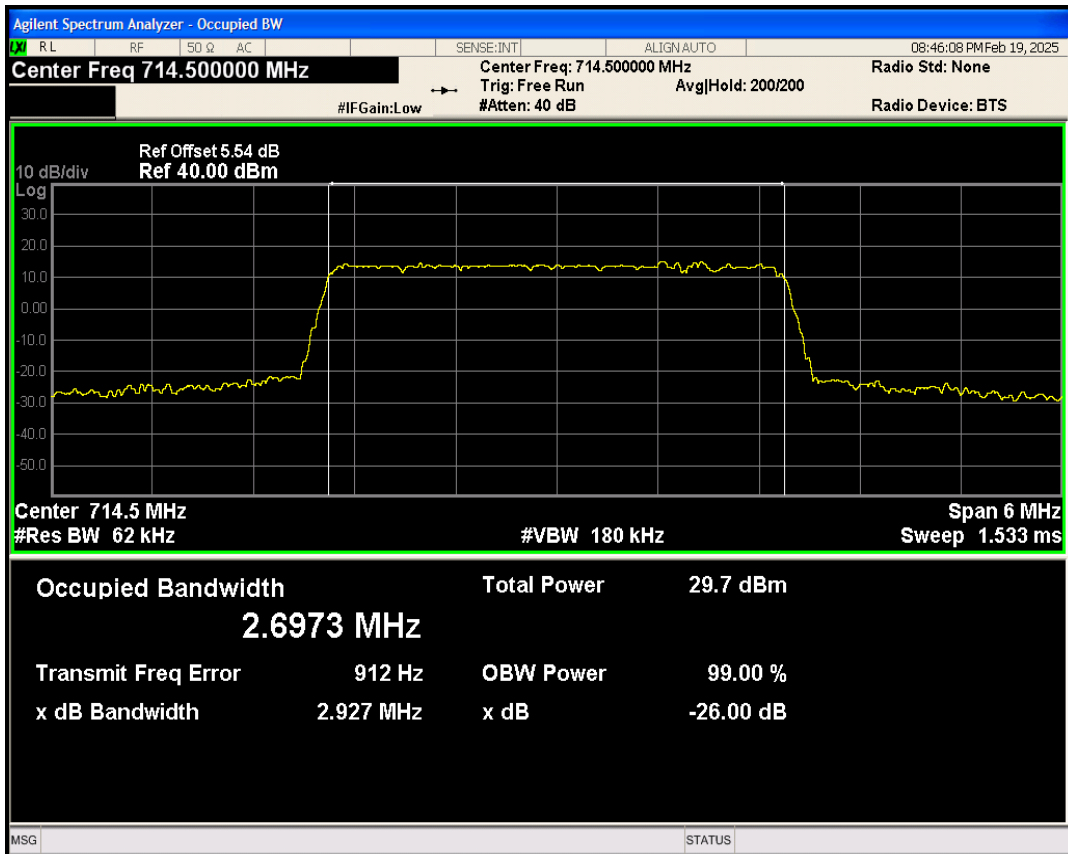
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



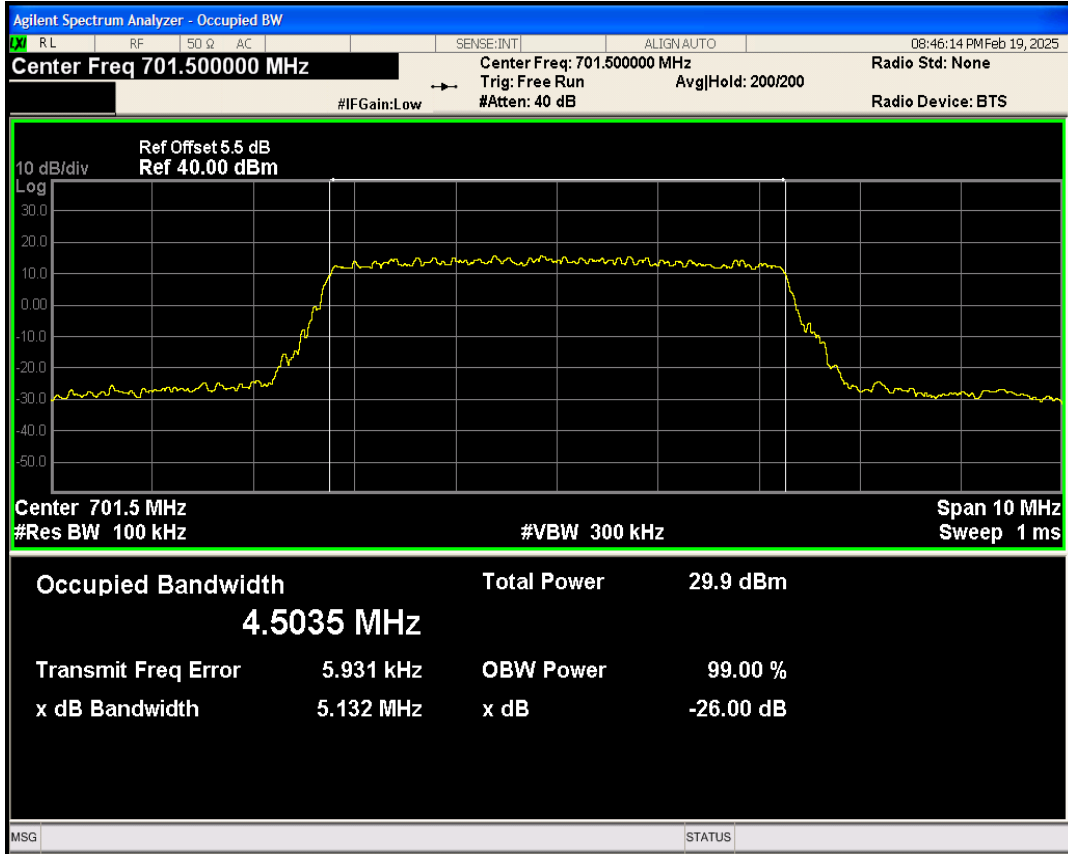
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



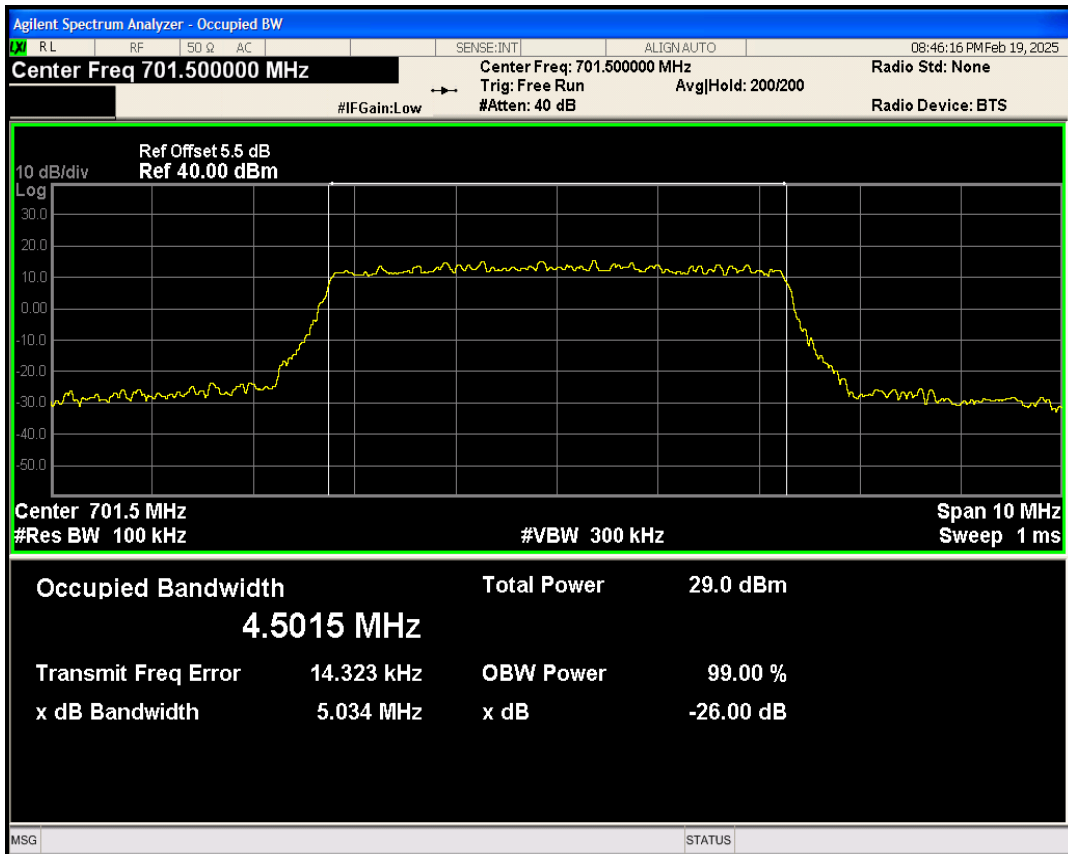
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



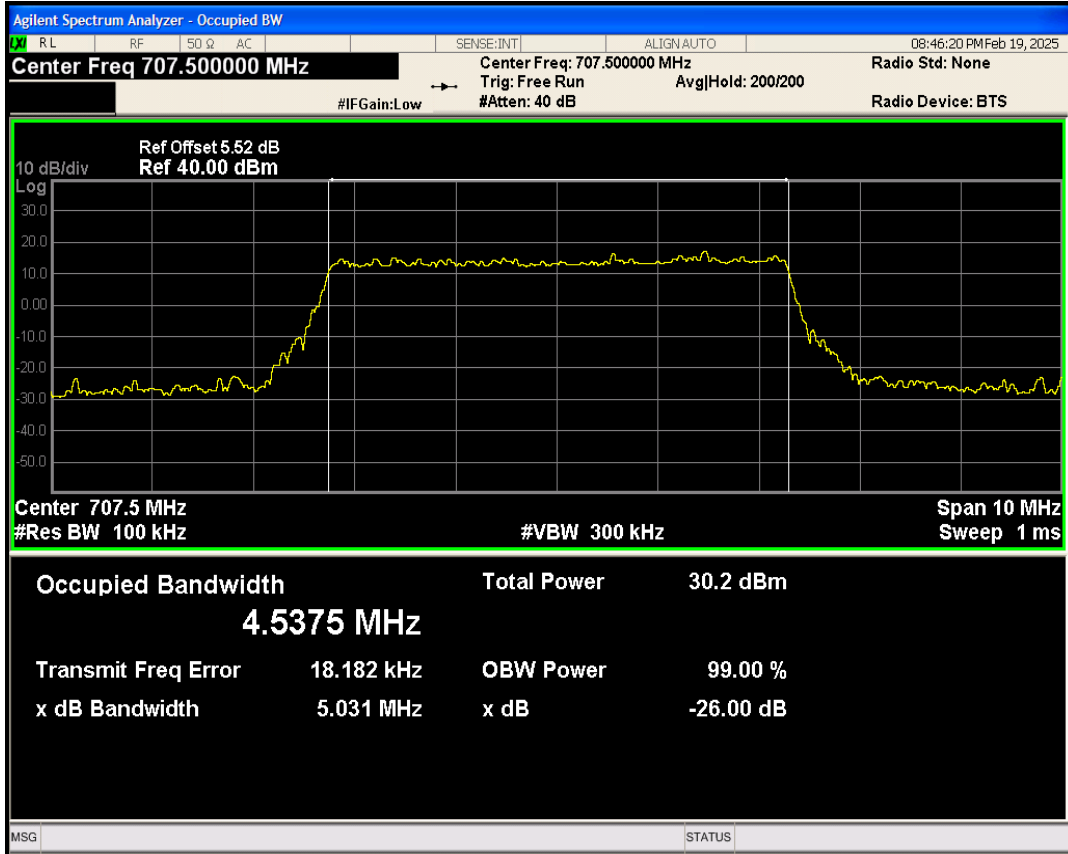
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



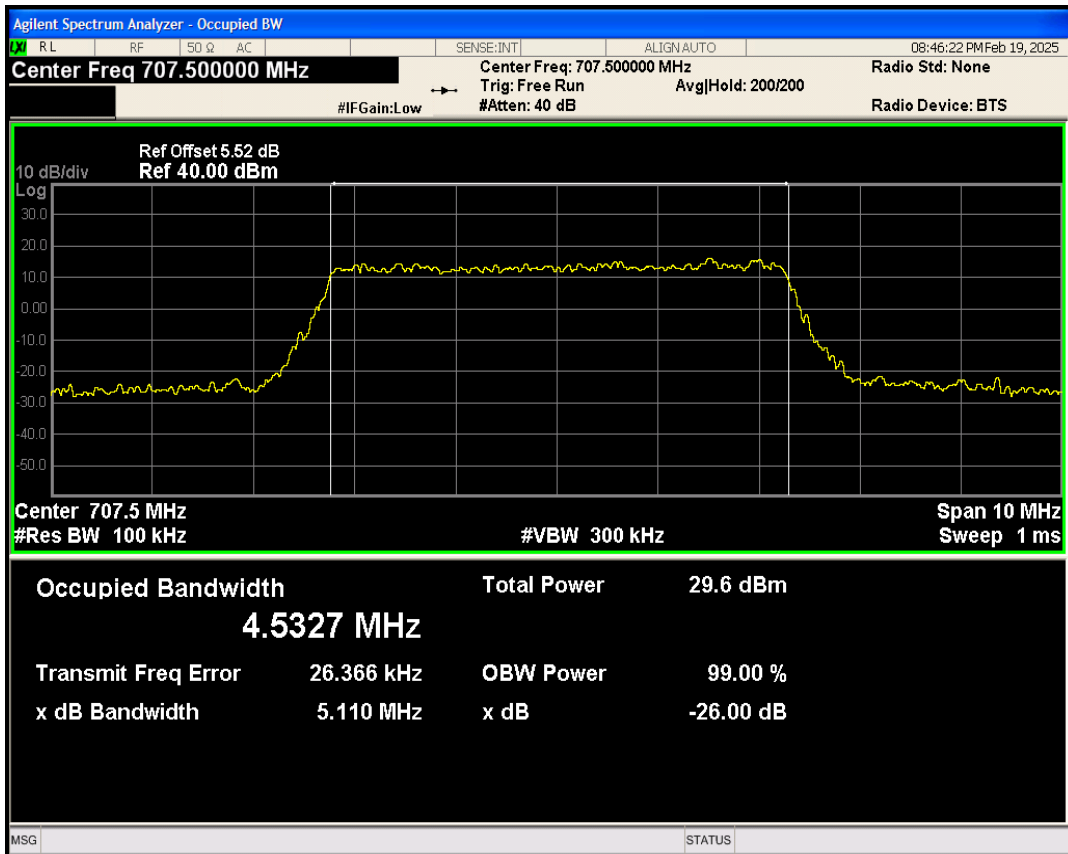
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



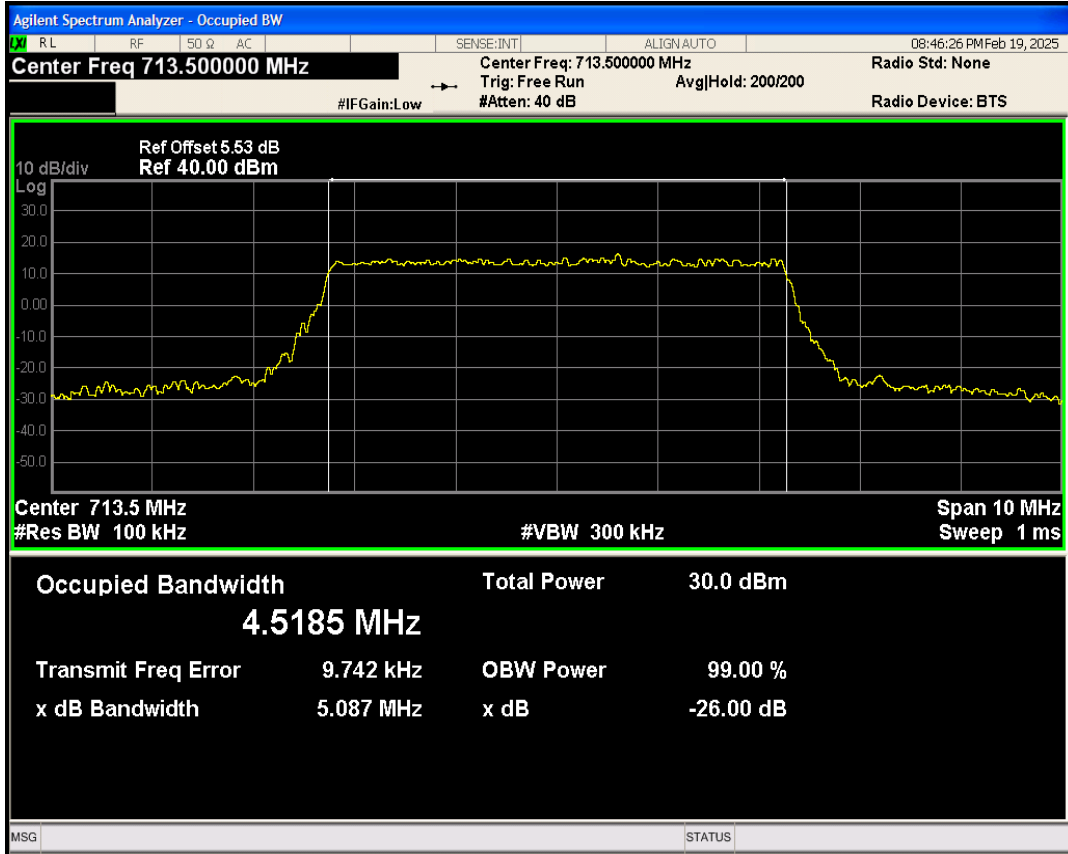
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



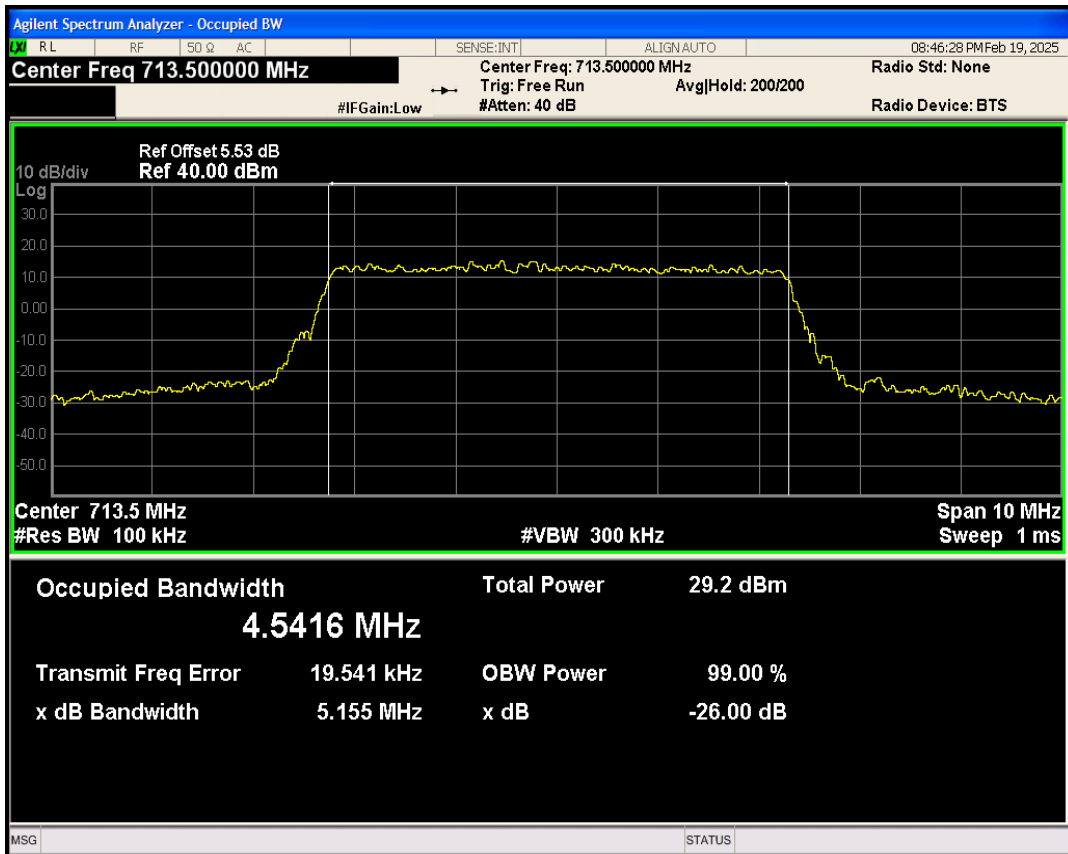
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



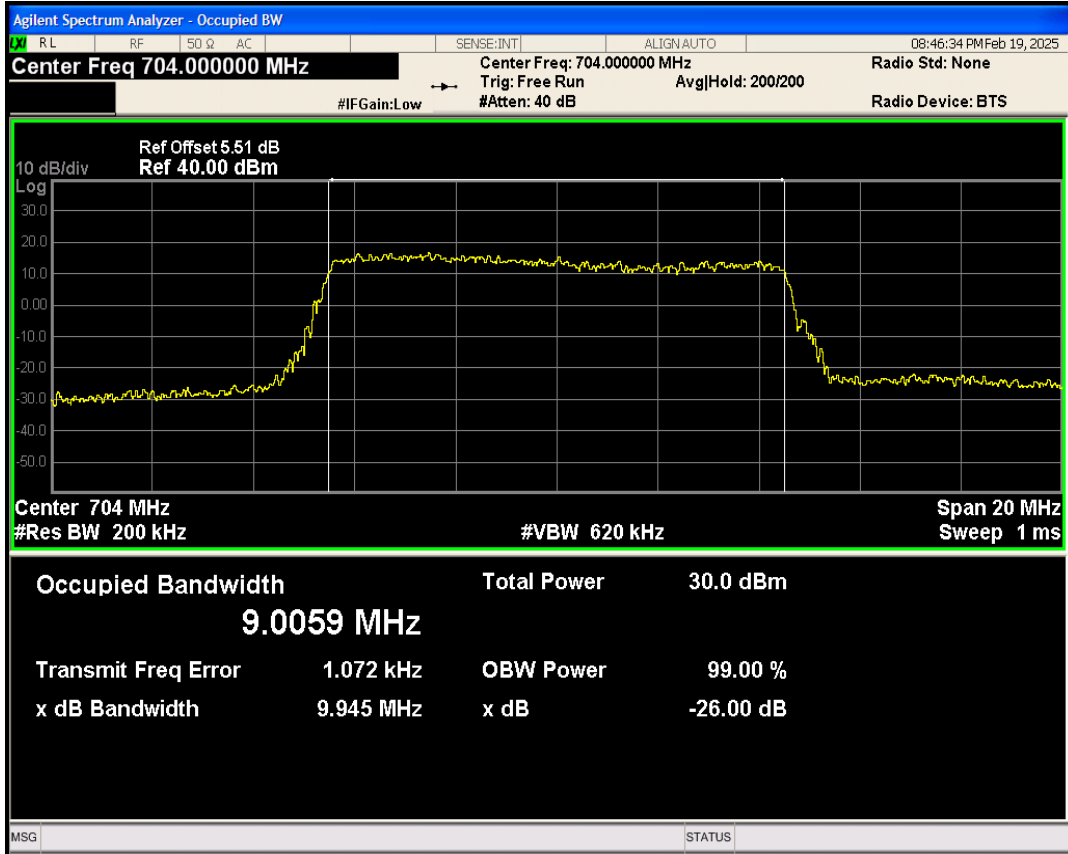
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



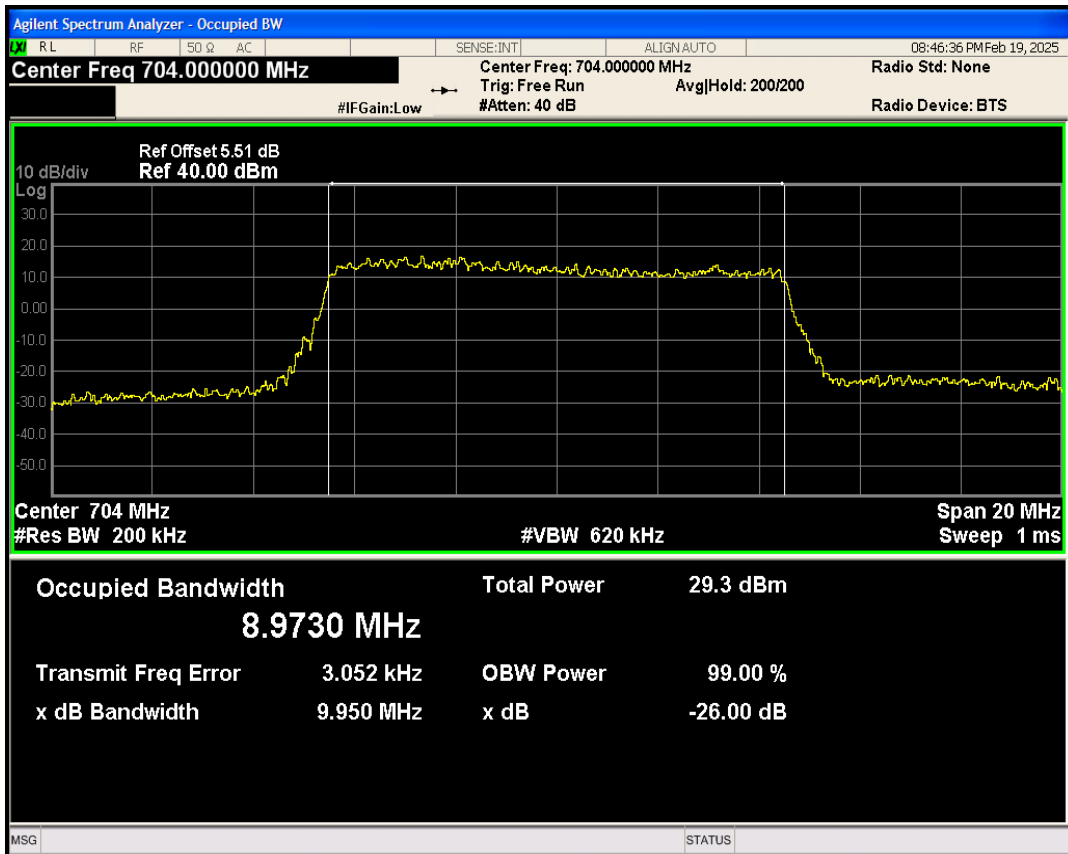
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



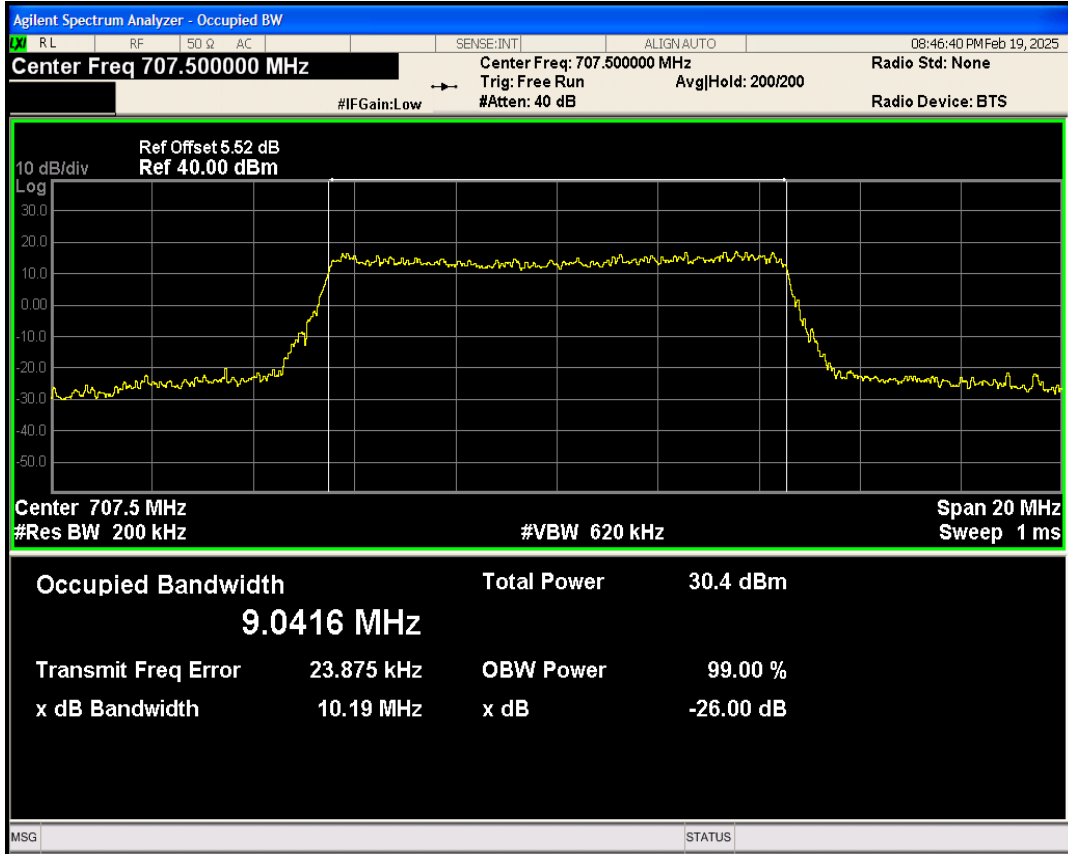
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



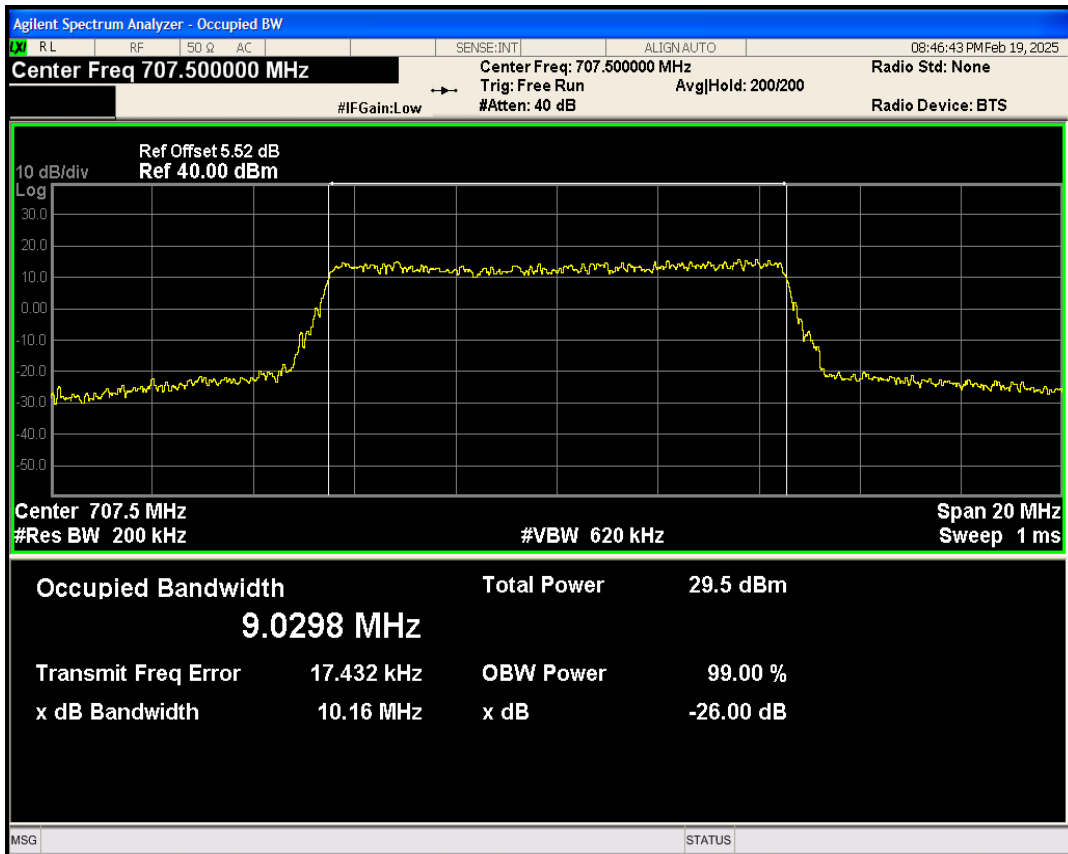
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



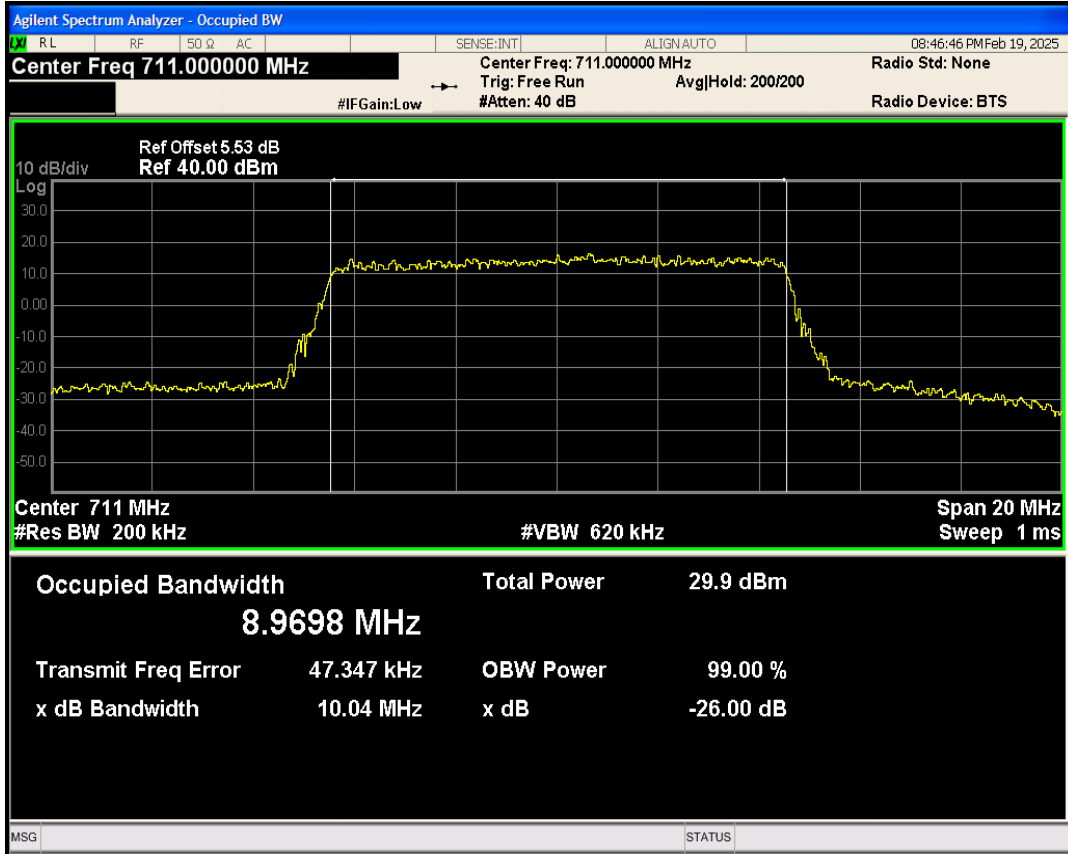
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



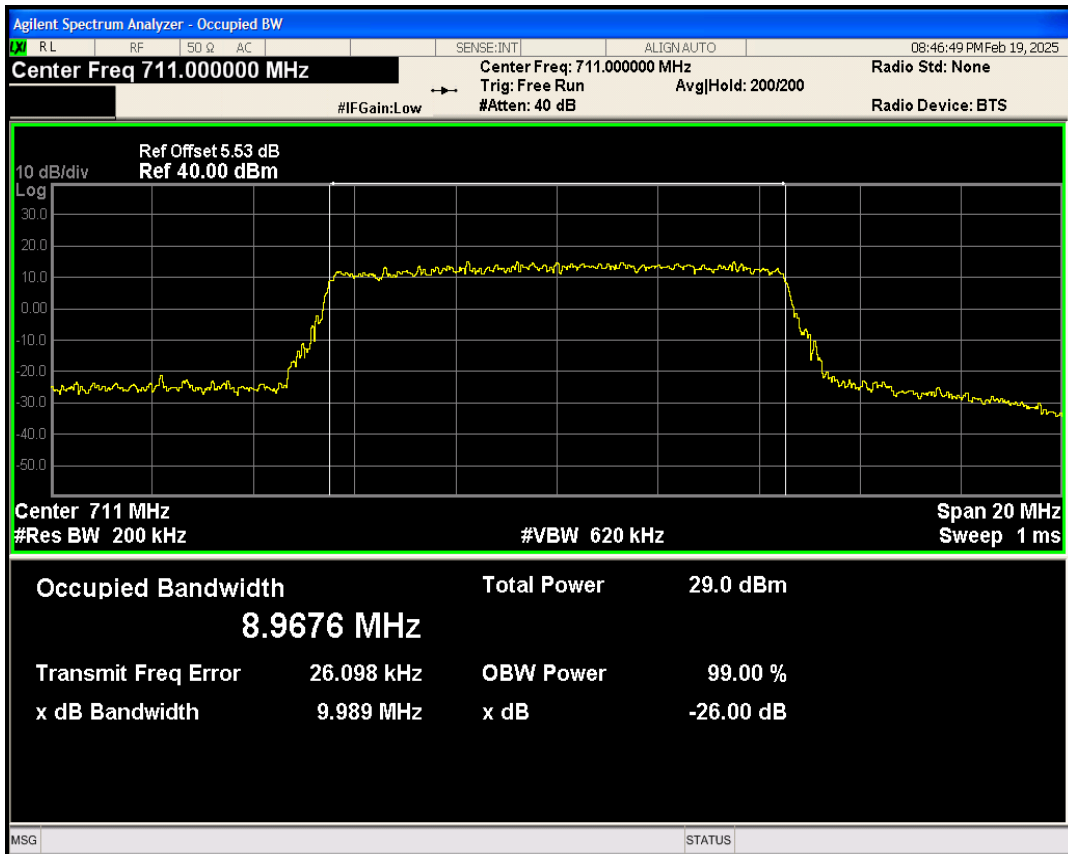
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



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



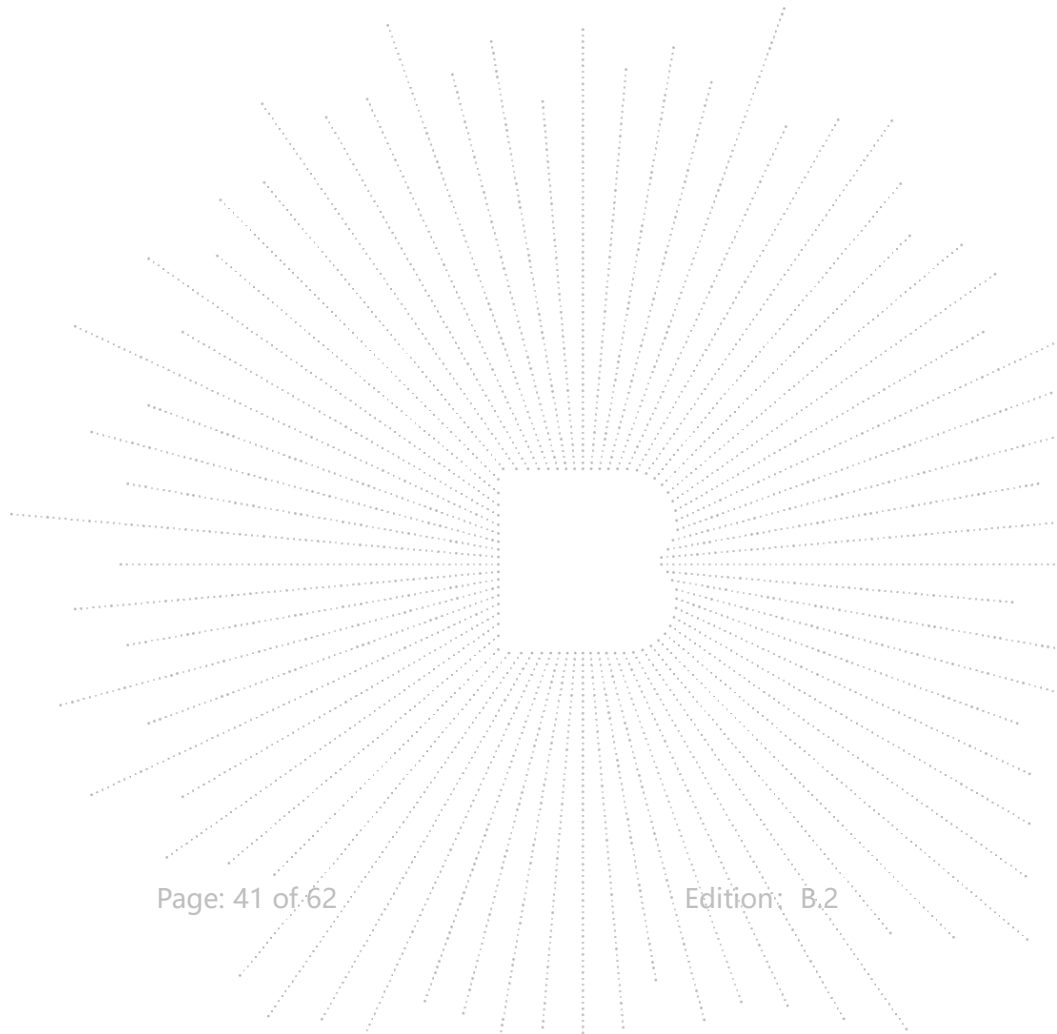
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

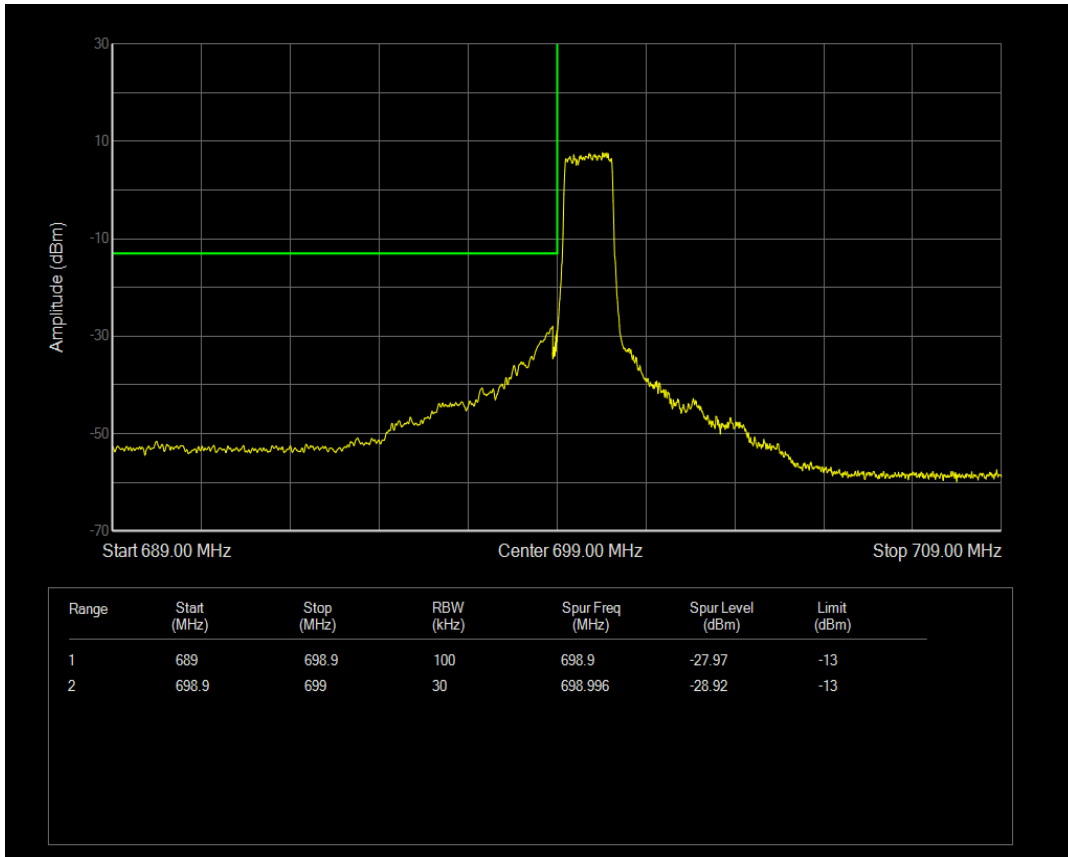


Appendix 5. Band edge

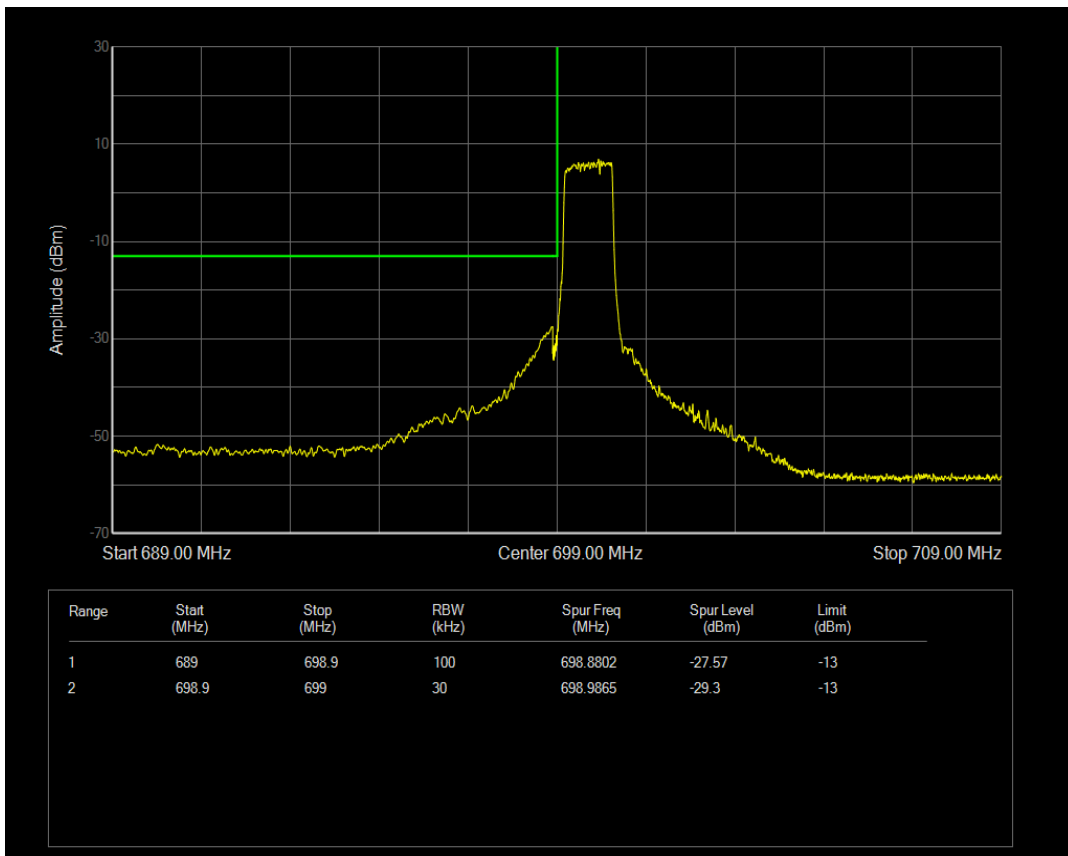
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.90	-27.97	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.88	-27.57	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.11	-27.57	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.11	-27.70	-13	PASS
Band12	3	23025	15	#0	QPSK	698.81	-29.70	-13	PASS
Band12	3	23025	15	#0	16QAM	698.90	-30.00	-13	PASS
Band12	3	23165	15	#0	QPSK	716.11	-30.60	-13	PASS
Band12	3	23165	15	#0	16QAM	716.11	-30.09	-13	PASS
Band12	5	23035	25	#0	QPSK	698.90	-28.44	-13	PASS
Band12	5	23035	25	#0	16QAM	698.88	-27.94	-13	PASS
Band12	5	23155	25	#0	QPSK	716.11	-26.92	-13	PASS
Band12	5	23155	25	#0	16QAM	716.11	-26.54	-13	PASS
Band12	10	23060	50	#0	QPSK	698.86	-32.30	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-32.32	-13	PASS
Band12	10	23130	50	#0	QPSK	716.15	-31.90	-13	PASS
Band12	10	23130	50	#0	16QAM	716.17	-32.20	-13	PASS

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

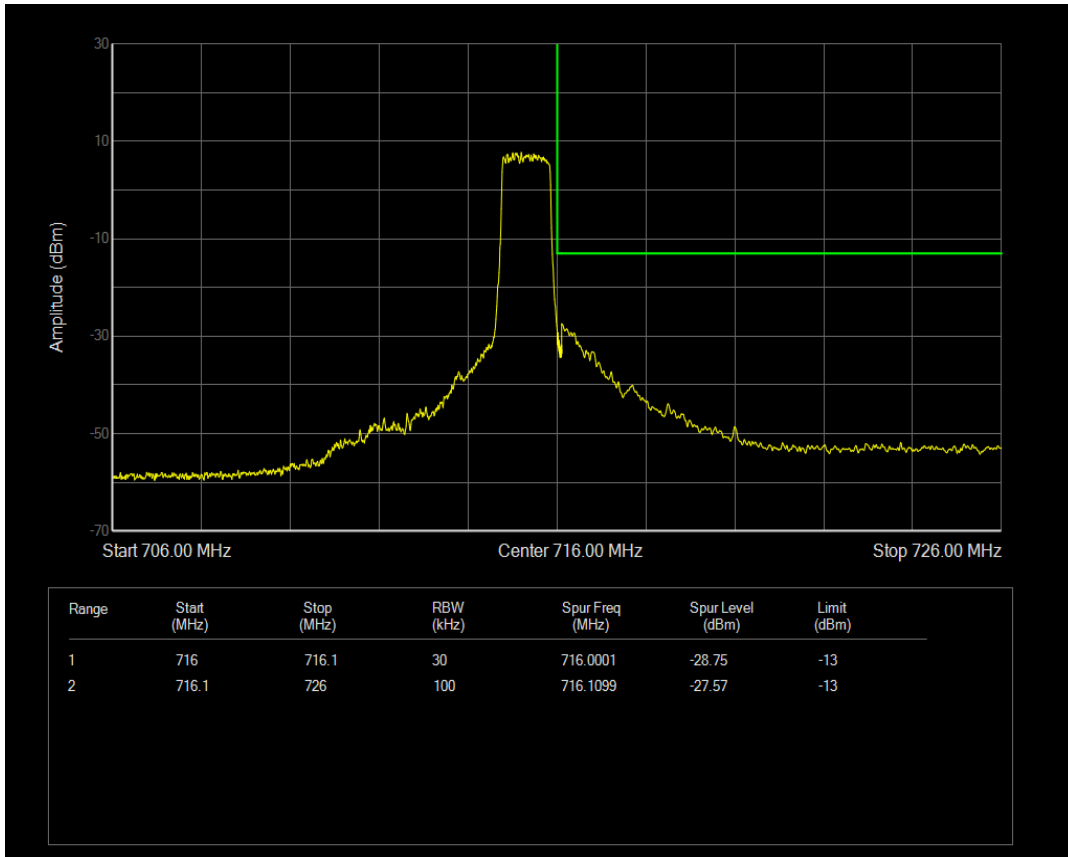




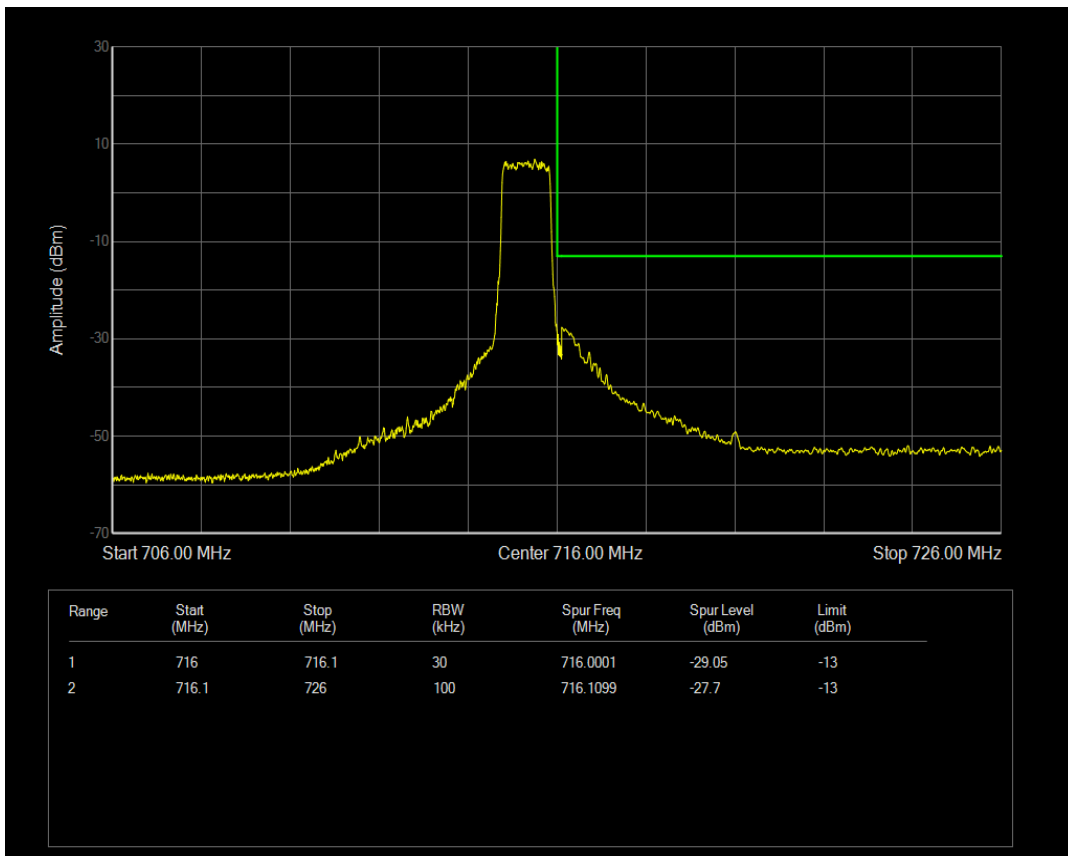
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



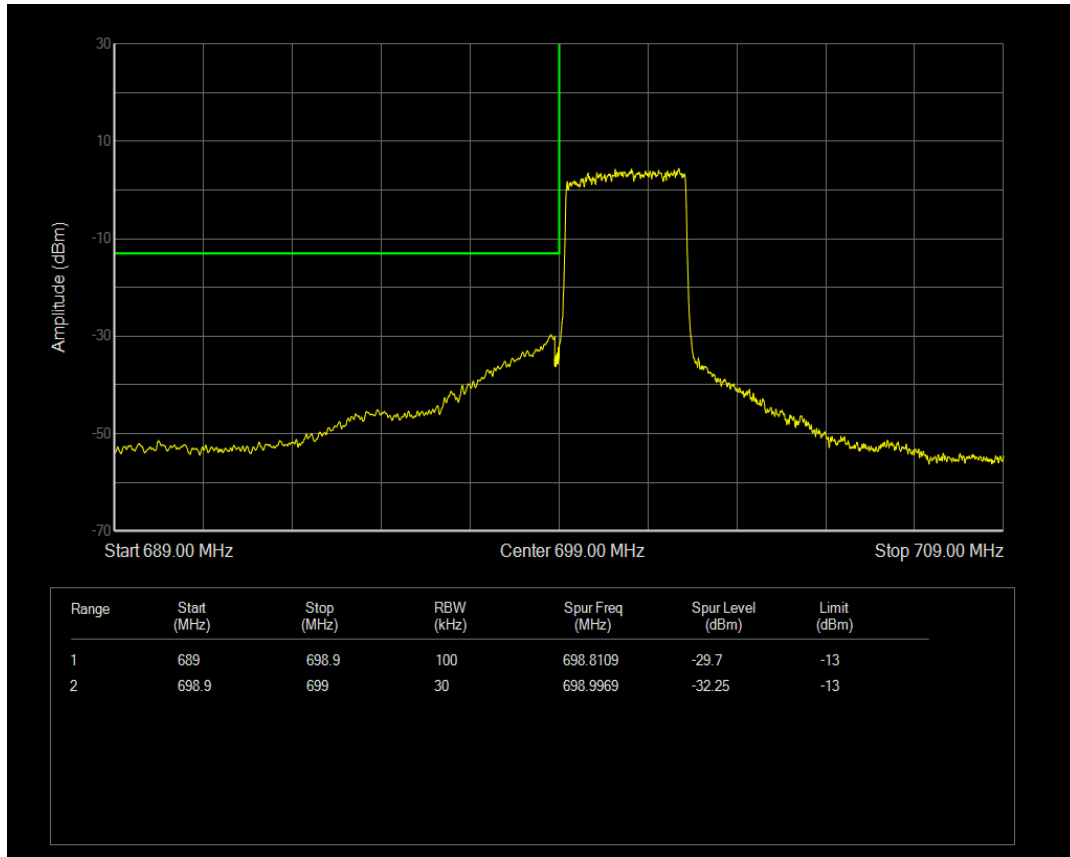
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



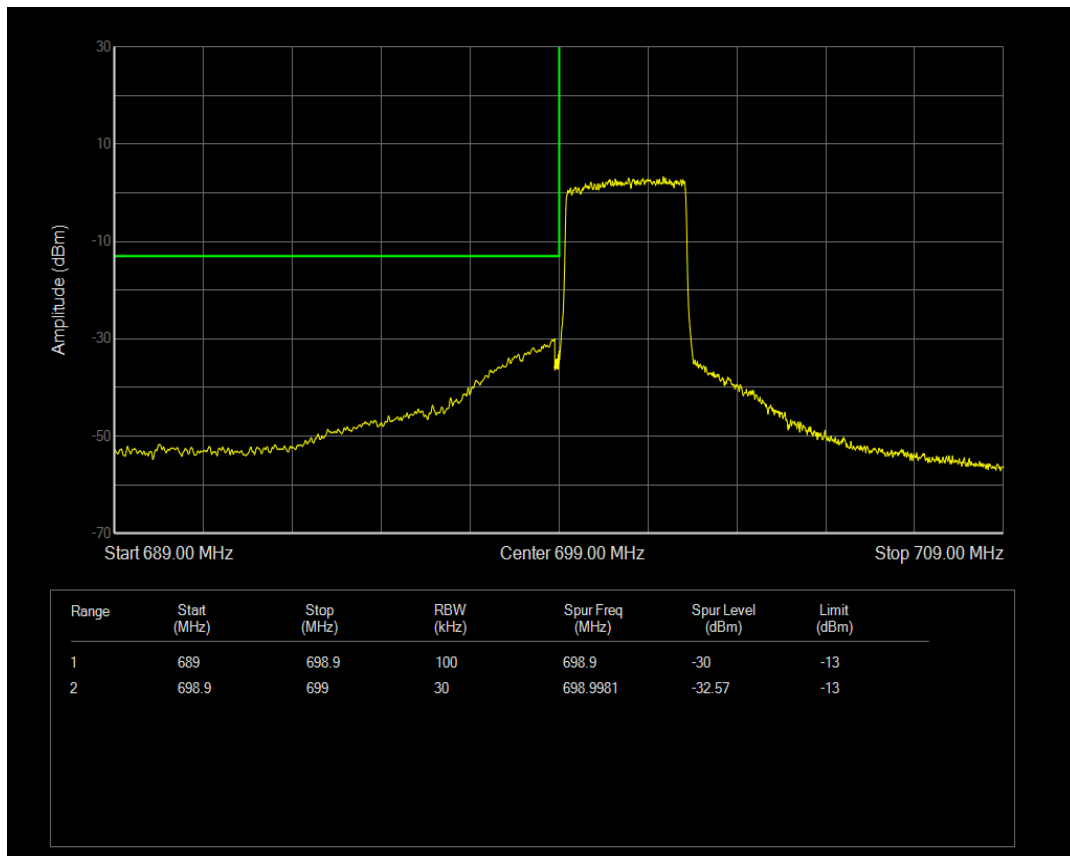
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



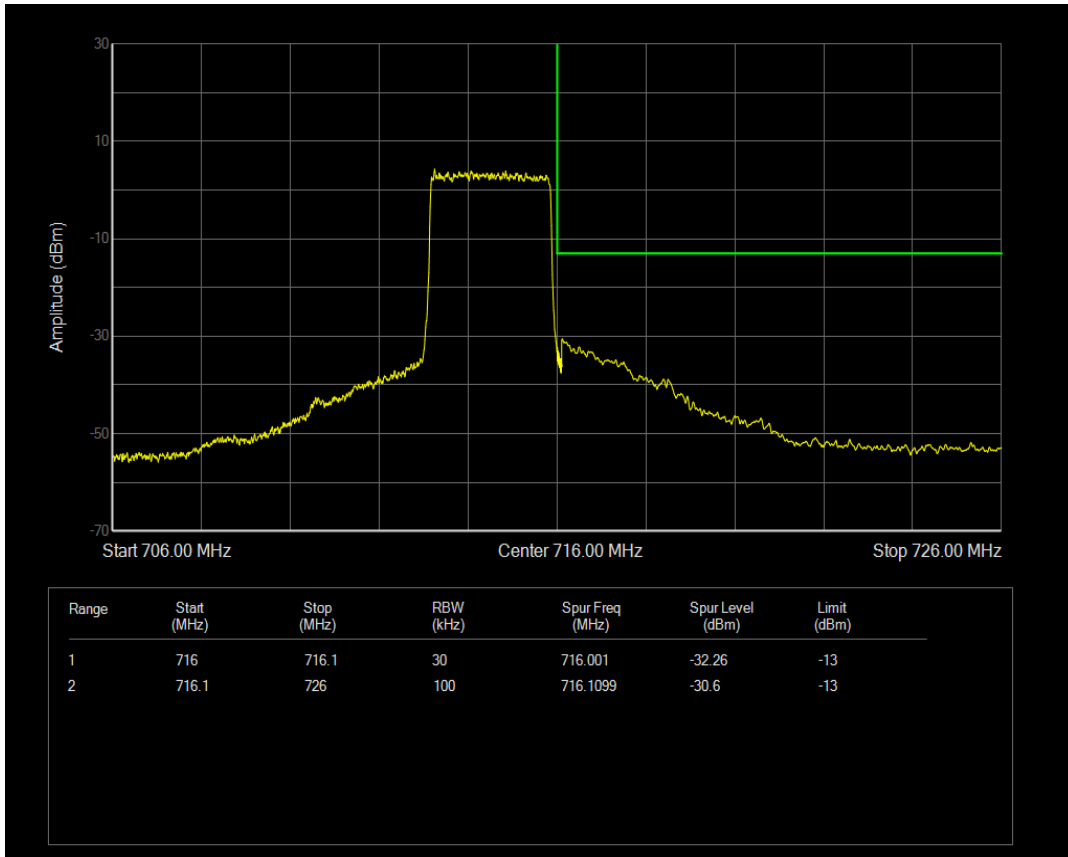
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



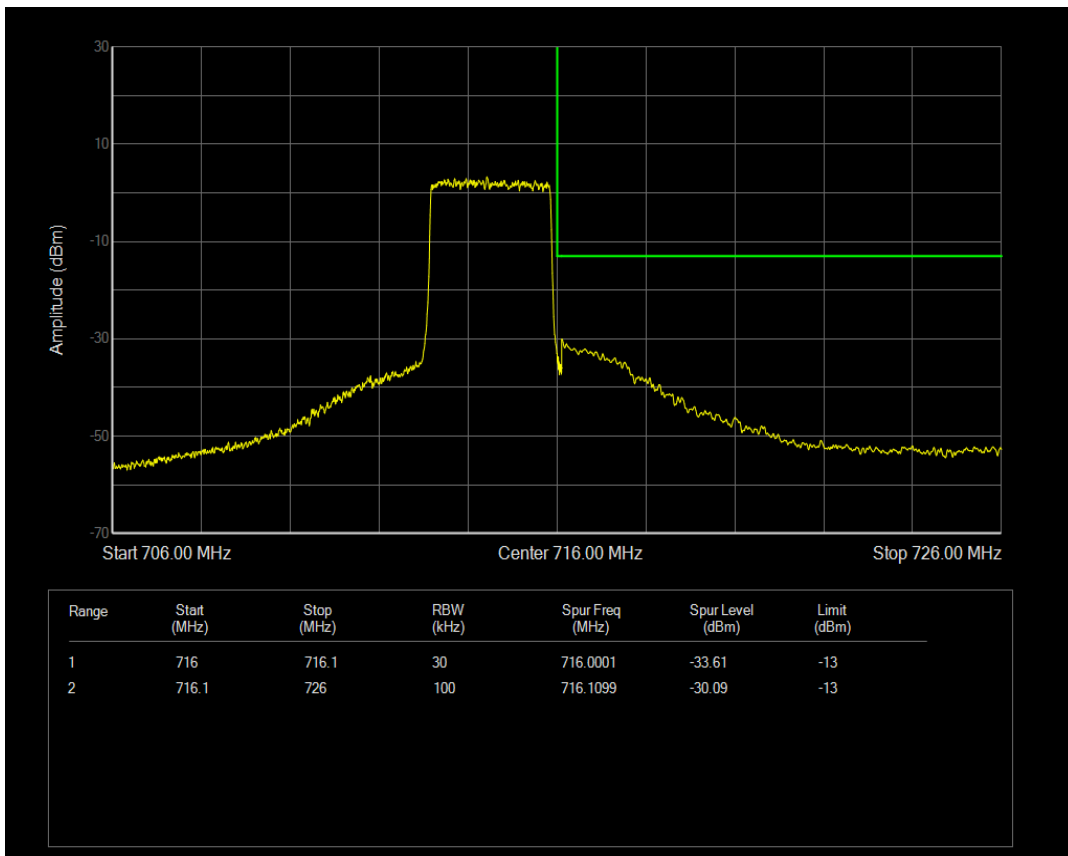
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



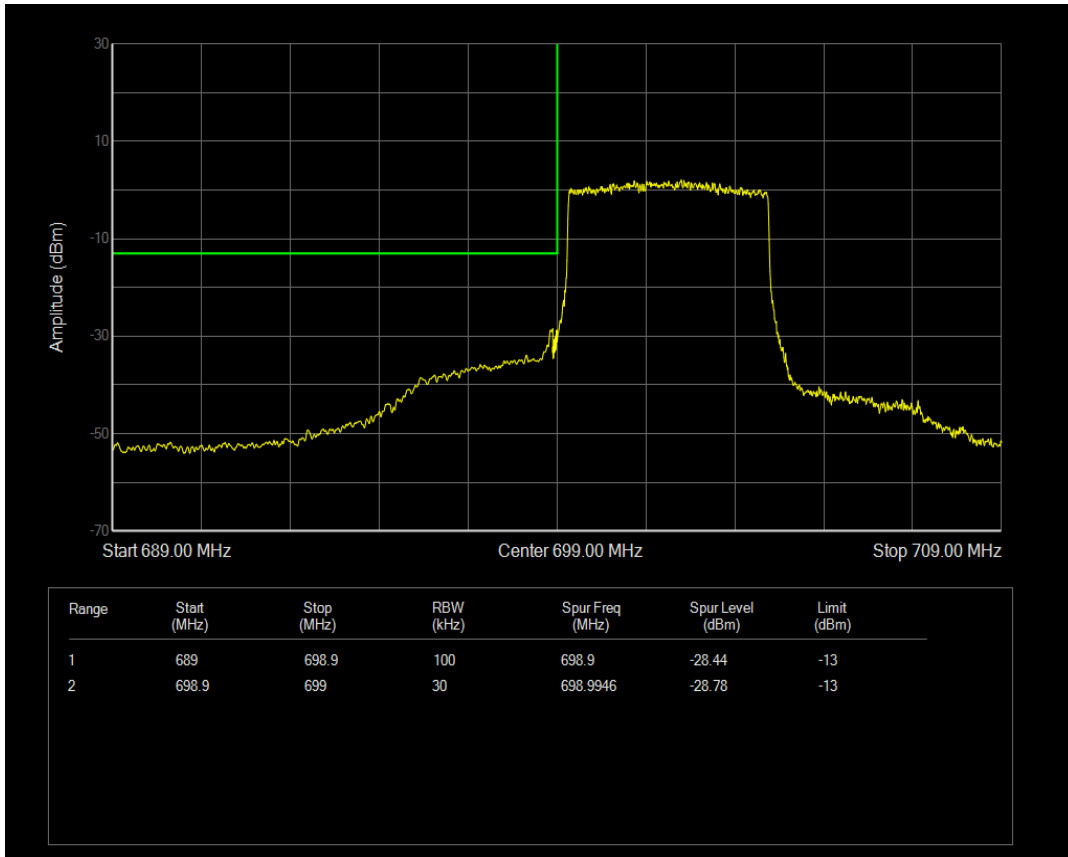
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



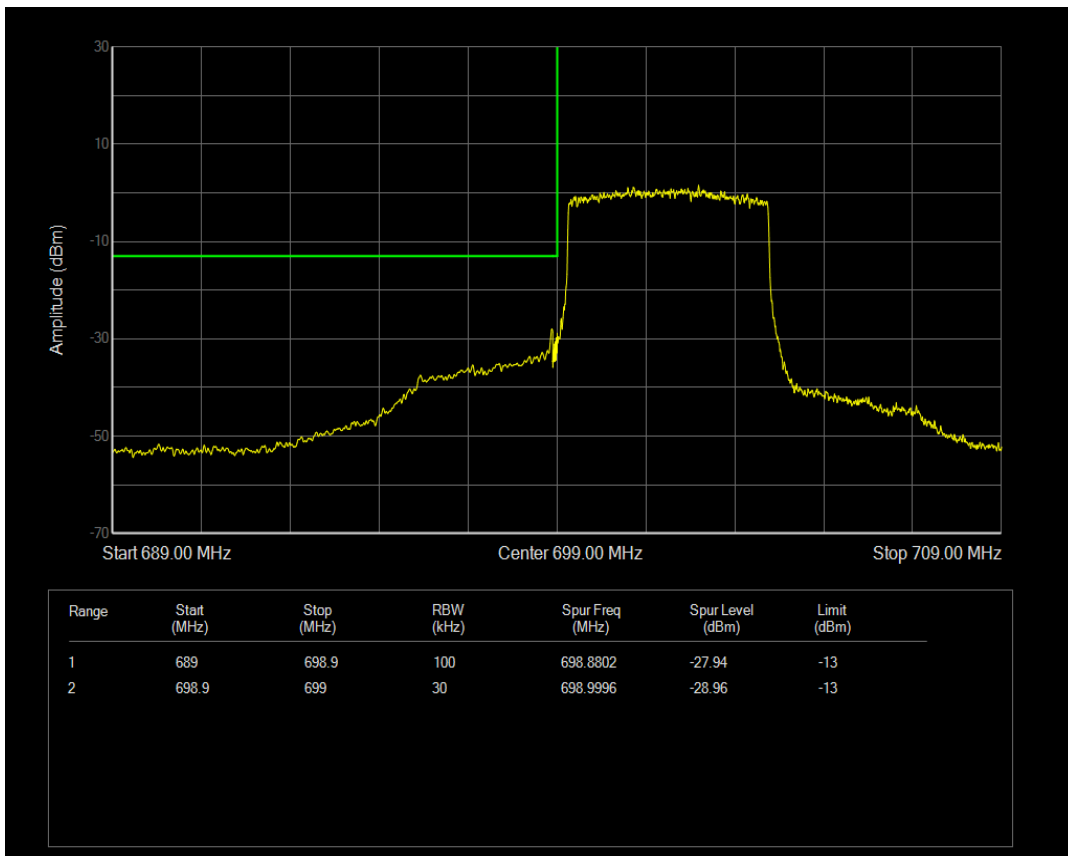
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



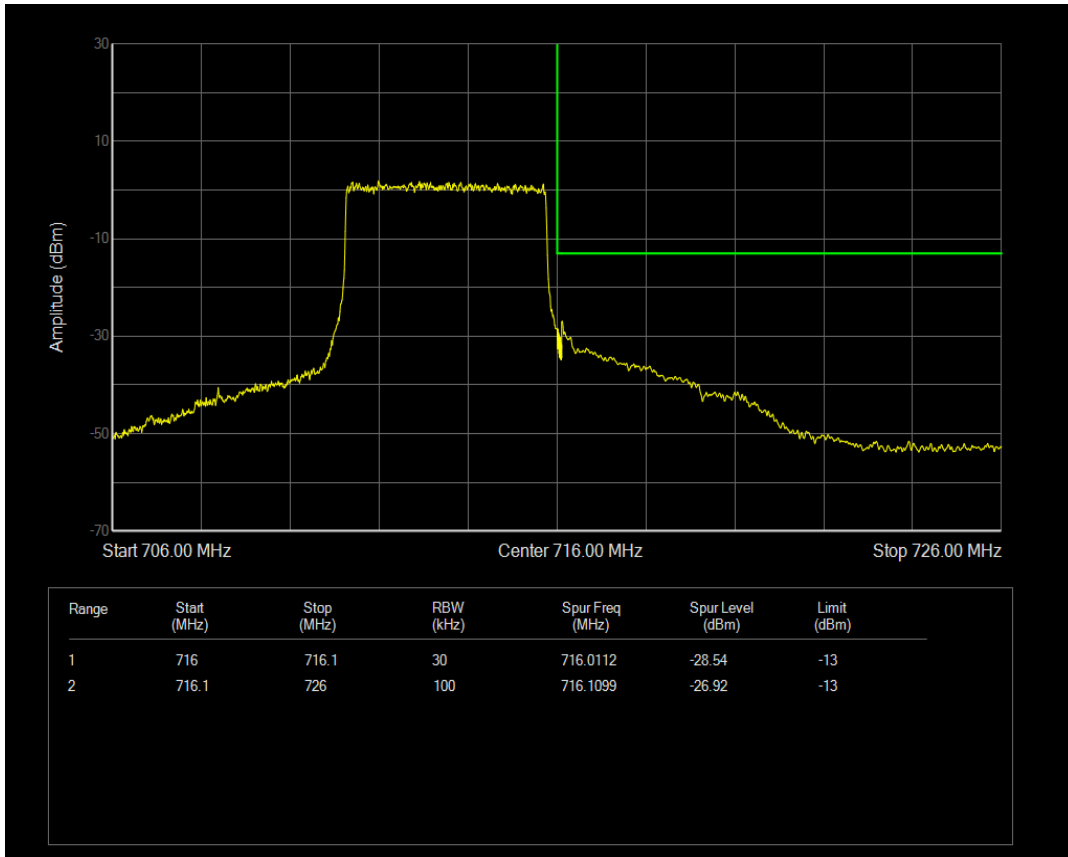
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



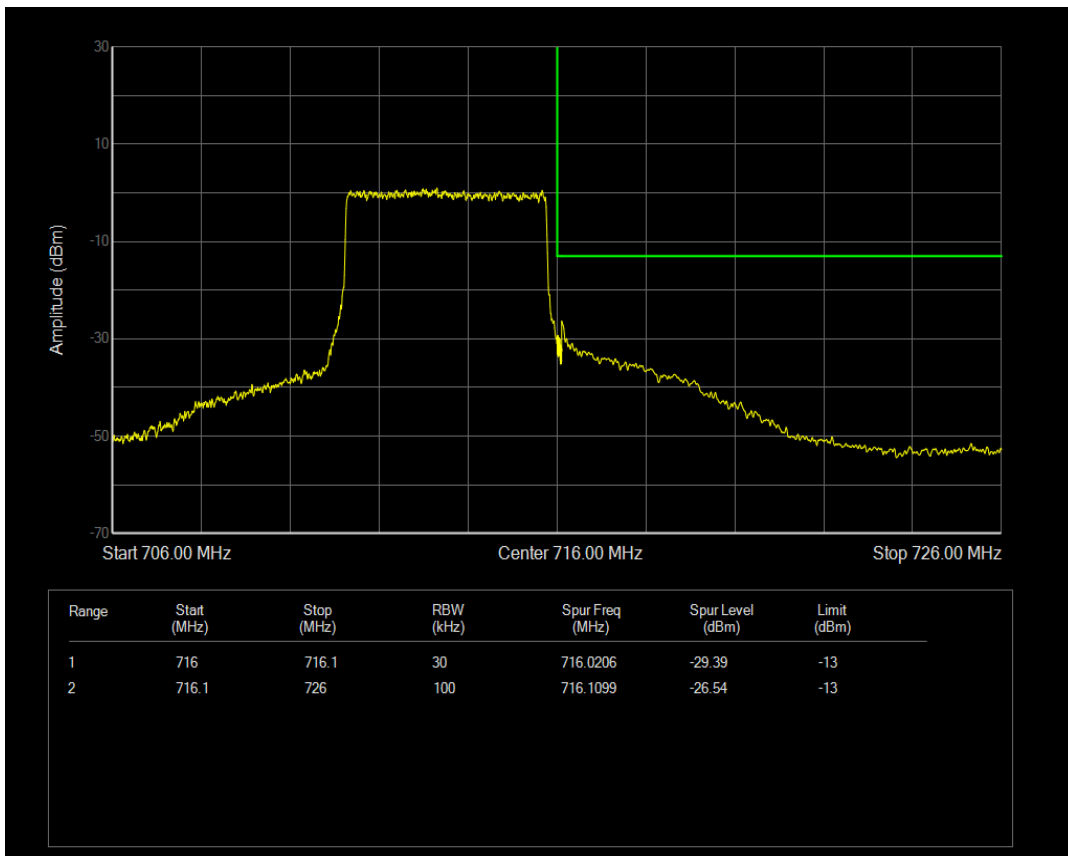
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



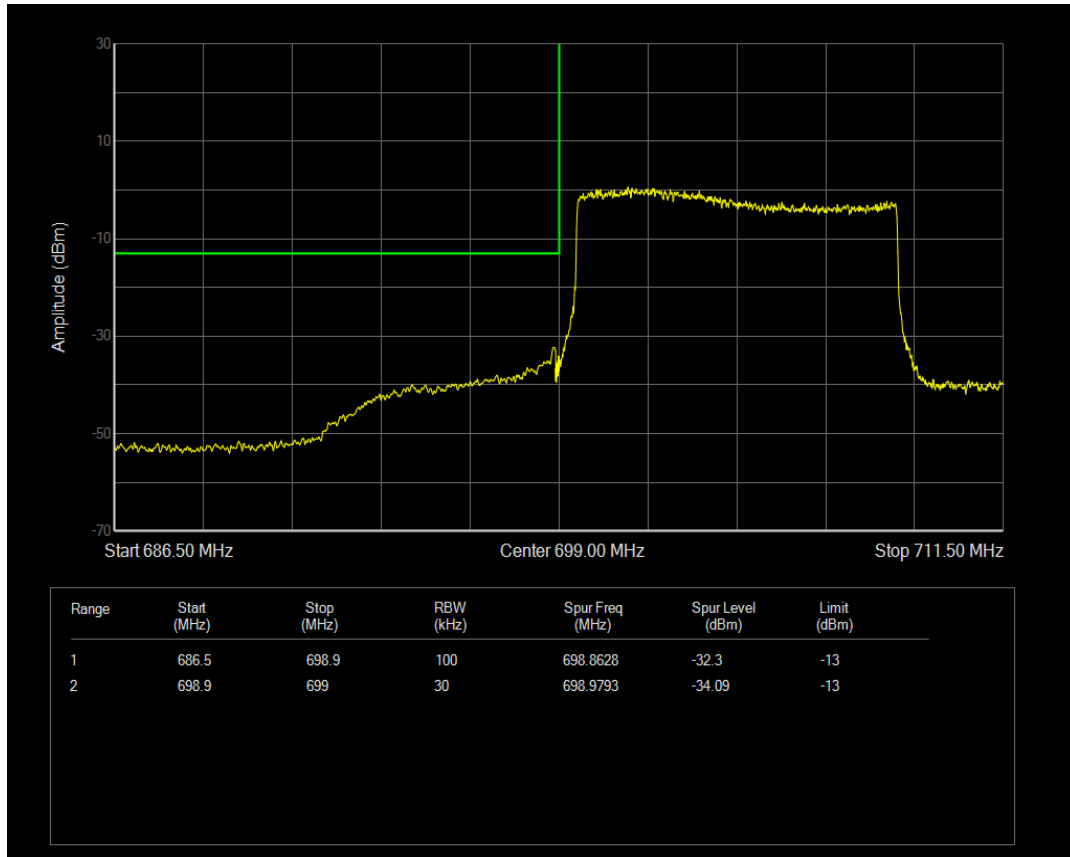
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



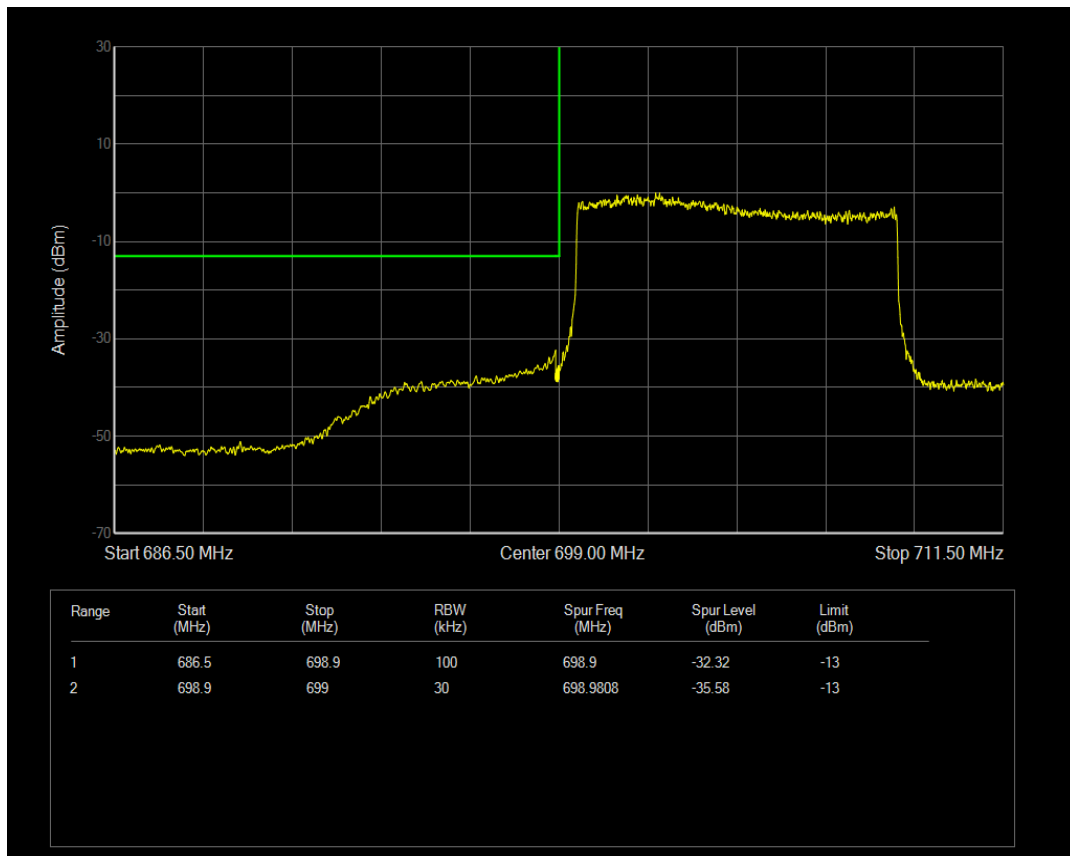
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



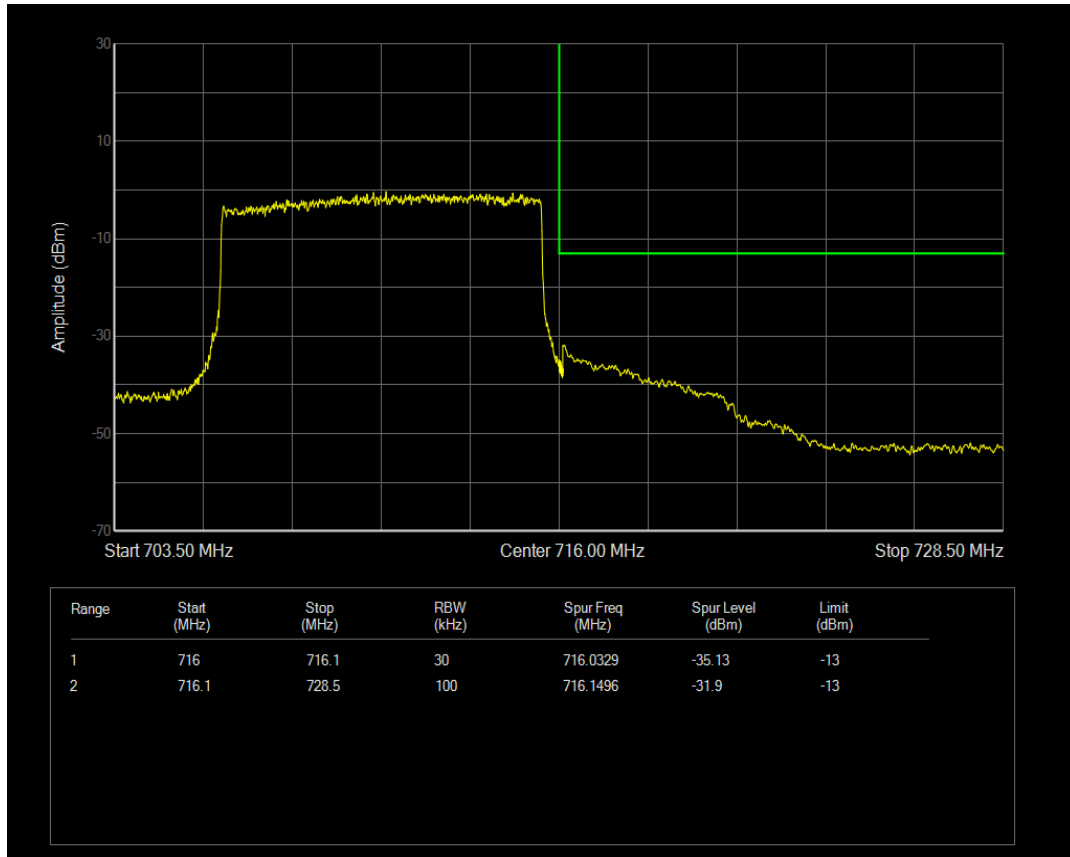
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



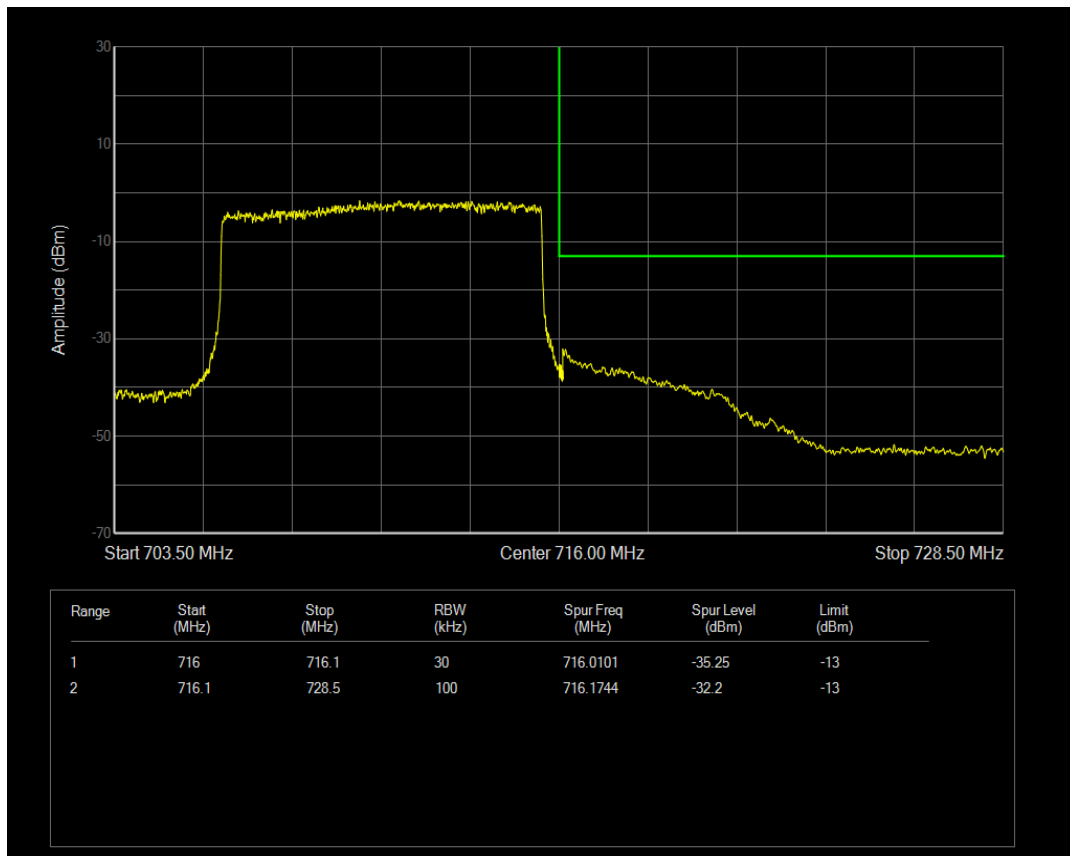
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



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



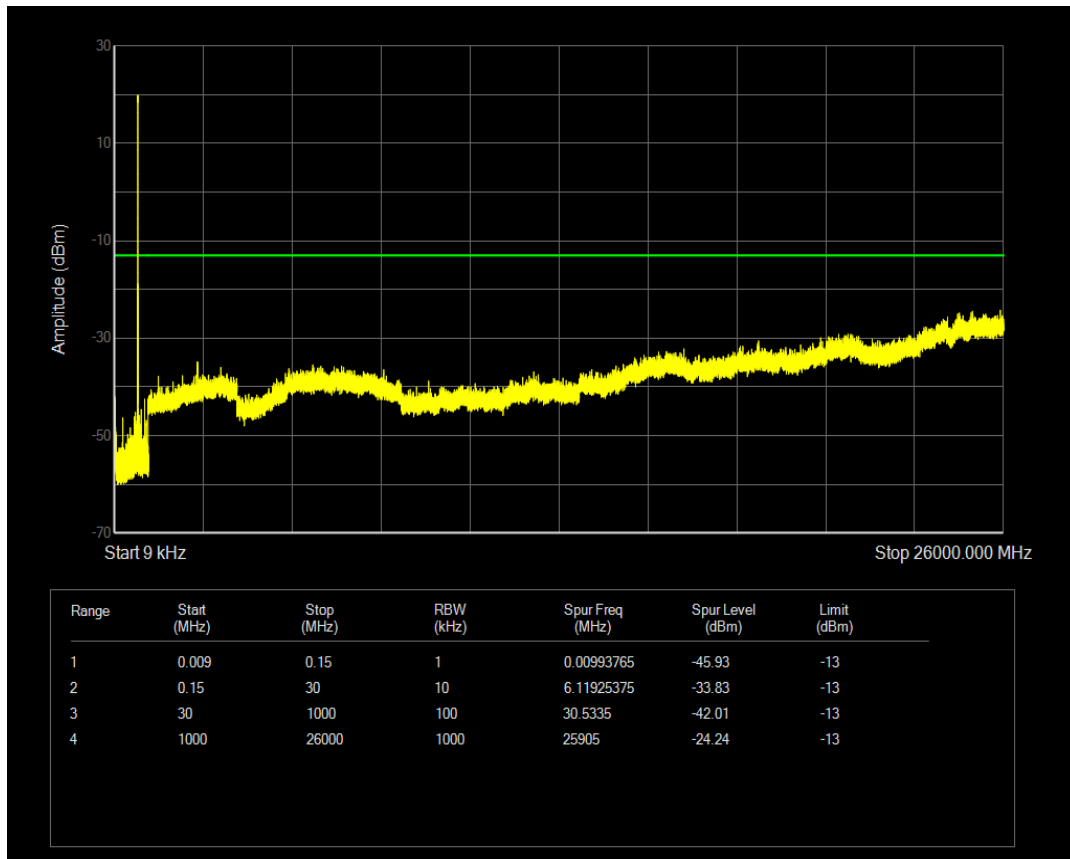
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0



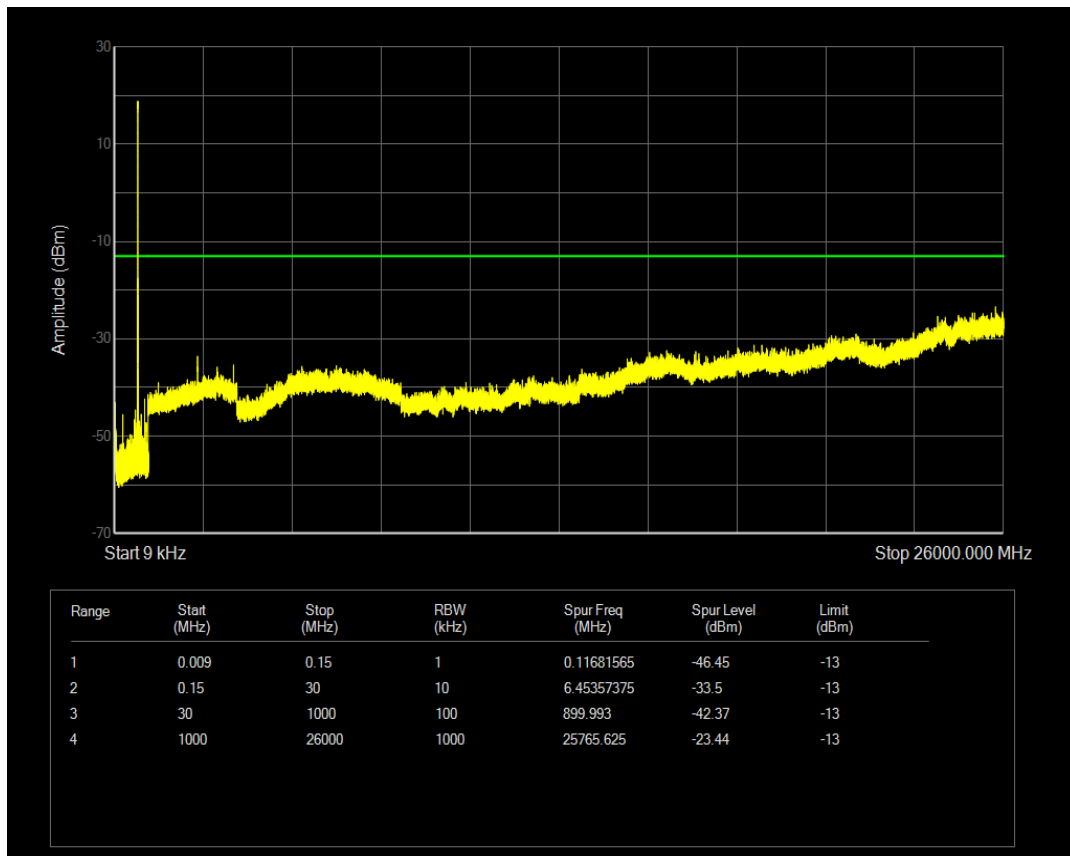
Appendix 6. Out-of-band emissions

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	25905.00	-24.24	-13	PASS
Band12	1.4	23017	6	#0	16QAM	25765.63	-23.44	-13	PASS
Band12	1.4	23095	6	#0	QPSK	25780.63	-24.20	-13	PASS
Band12	1.4	23095	6	#0	16QAM	25614.38	-23.85	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25376.25	-23.93	-13	PASS
Band12	1.4	23173	6	#0	16QAM	25388.13	-24.11	-13	PASS
Band12	3	23025	15	#0	QPSK	25759.38	-24.46	-13	PASS
Band12	3	23025	15	#0	16QAM	25808.13	-23.94	-13	PASS
Band12	3	23095	15	#0	QPSK	25740.00	-24.54	-13	PASS
Band12	3	23095	15	#0	16QAM	25433.13	-24.11	-13	PASS
Band12	3	23165	15	#0	QPSK	25955.63	-23.64	-13	PASS
Band12	3	23165	15	#0	16QAM	25116.88	-24.24	-13	PASS
Band12	5	23035	25	#0	QPSK	25105.63	-24.25	-13	PASS
Band12	5	23035	25	#0	16QAM	25560.63	-24.29	-13	PASS
Band12	5	23095	25	#0	QPSK	25978.13	-24.02	-13	PASS
Band12	5	23095	25	#0	16QAM	25988.13	-24.07	-13	PASS
Band12	5	23155	25	#0	QPSK	25601.25	-24.26	-13	PASS
Band12	5	23155	25	#0	16QAM	25153.13	-24.25	-13	PASS
Band12	10	23060	50	#0	QPSK	25073.13	-24.29	-13	PASS
Band12	10	23060	50	#0	16QAM	25780.00	-23.70	-13	PASS
Band12	10	23095	50	#0	QPSK	24668.13	-23.98	-13	PASS
Band12	10	23095	50	#0	16QAM	25983.75	-24.29	-13	PASS
Band12	10	23130	50	#0	QPSK	25867.50	-23.78	-13	PASS
Band12	10	23130	50	#0	16QAM	25590.00	-24.01	-13	PASS

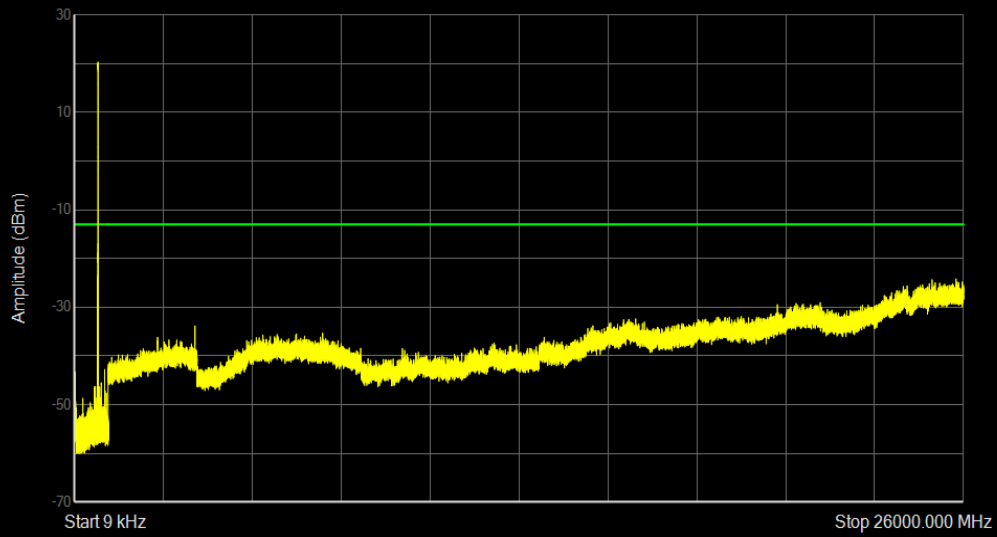
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



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

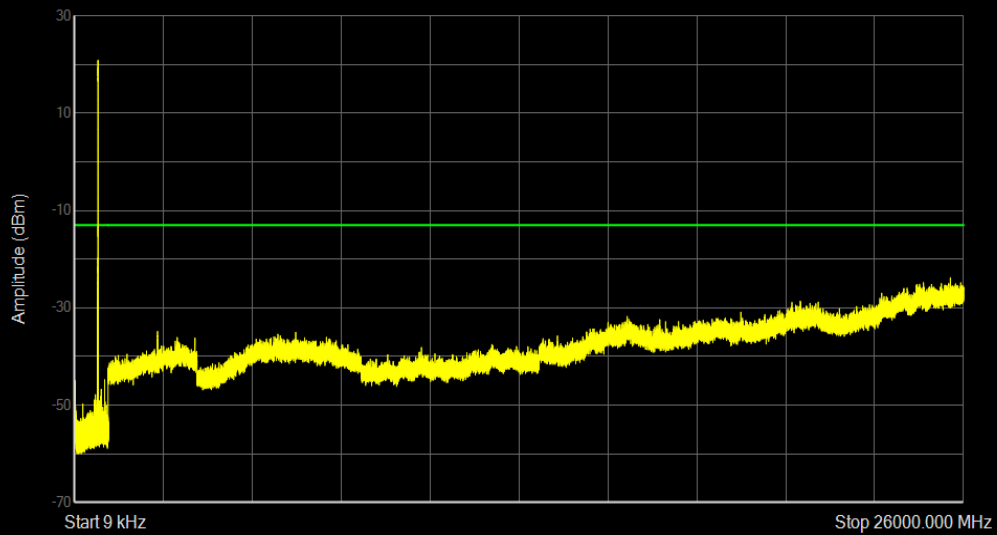


Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



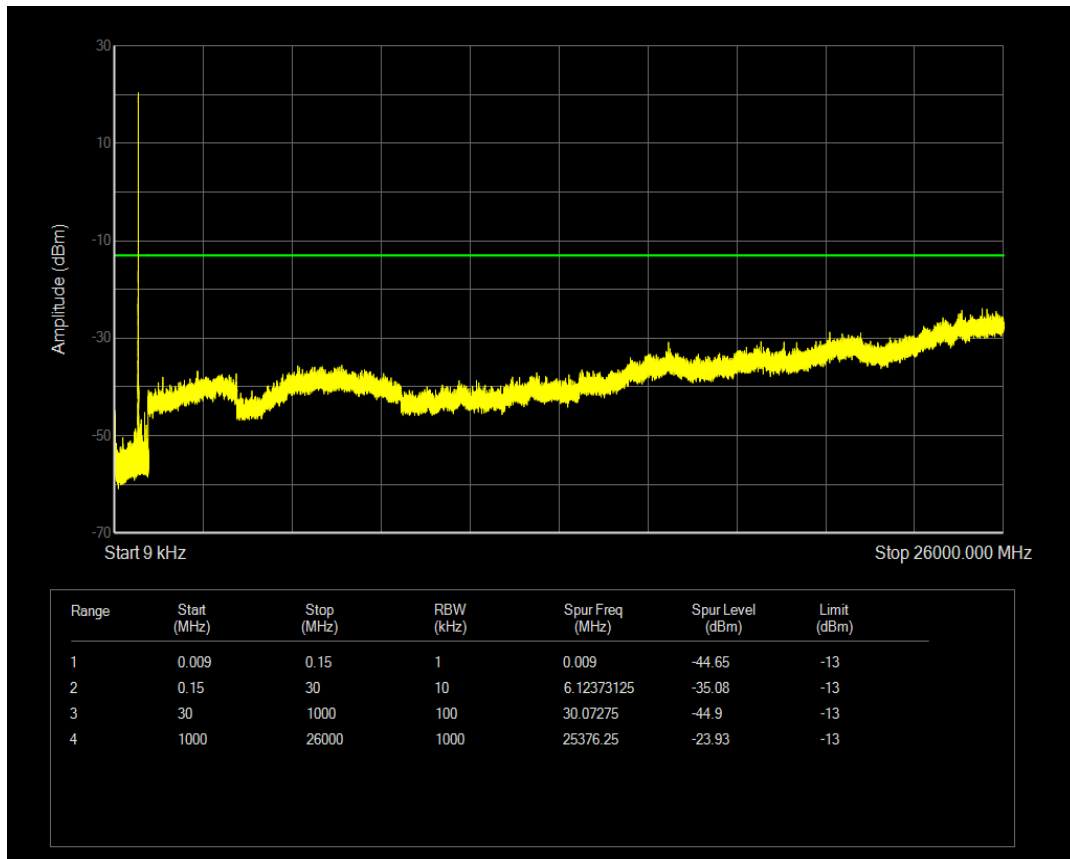
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009313725	-45.14	-13
2	0.15	30	10	6.105075	-34.01	-13
3	30	1000	100	899.993	-42.8	-13
4	1000	26000	1000	25780.625	-24.2	-13

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

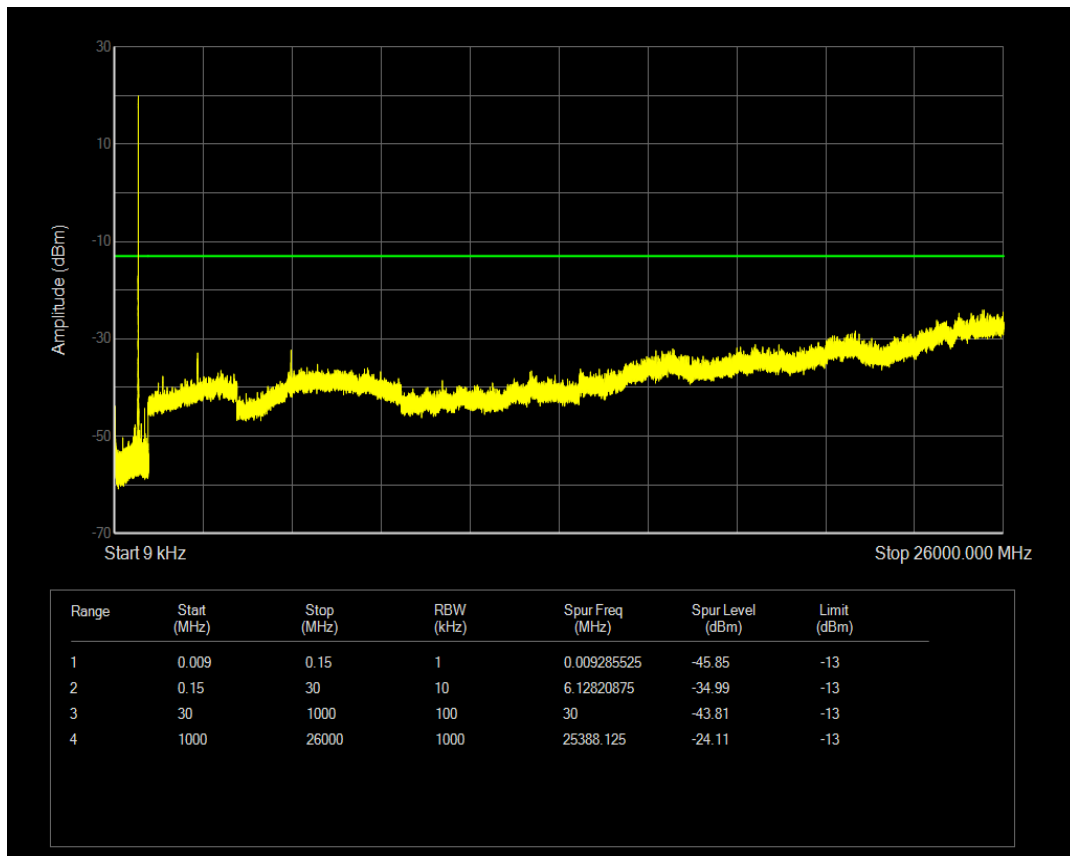


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1146231	-46.66	-13
2	0.15	30	10	6.4767075	-34.08	-13
3	30	1000	100	899.993	-44.81	-13
4	1000	26000	1000	25614.375	-23.85	-13

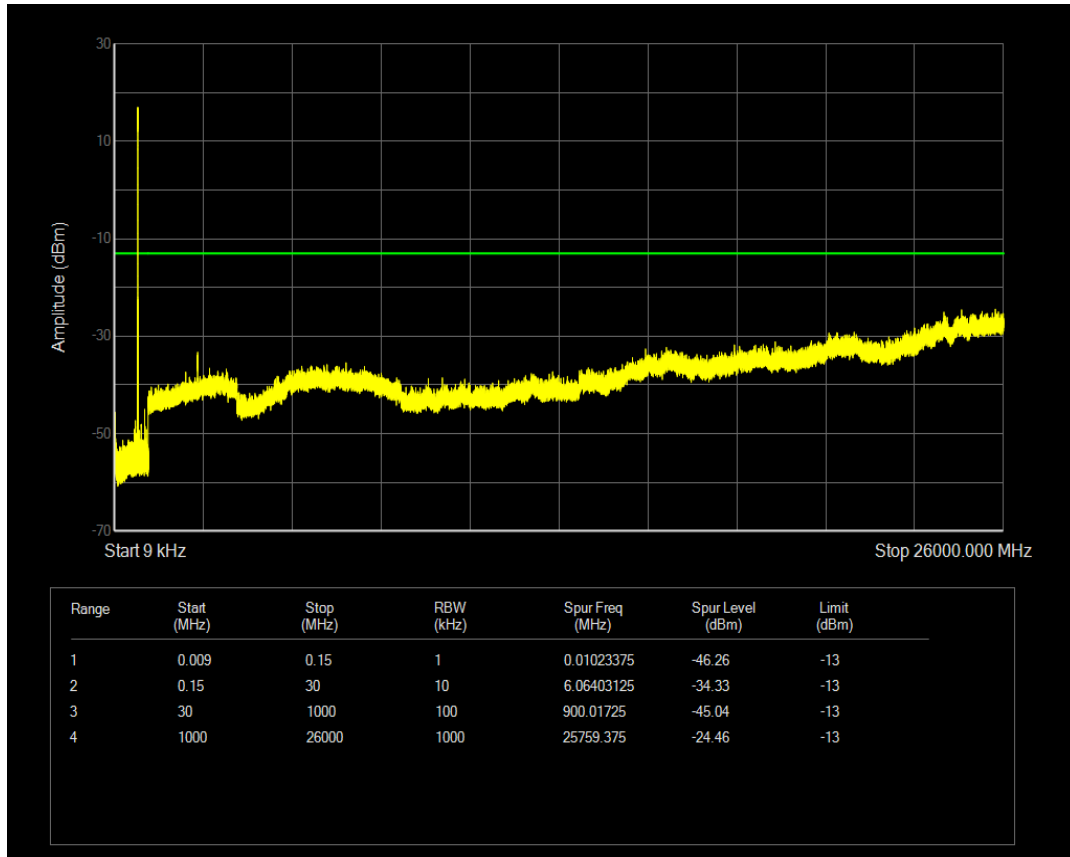
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



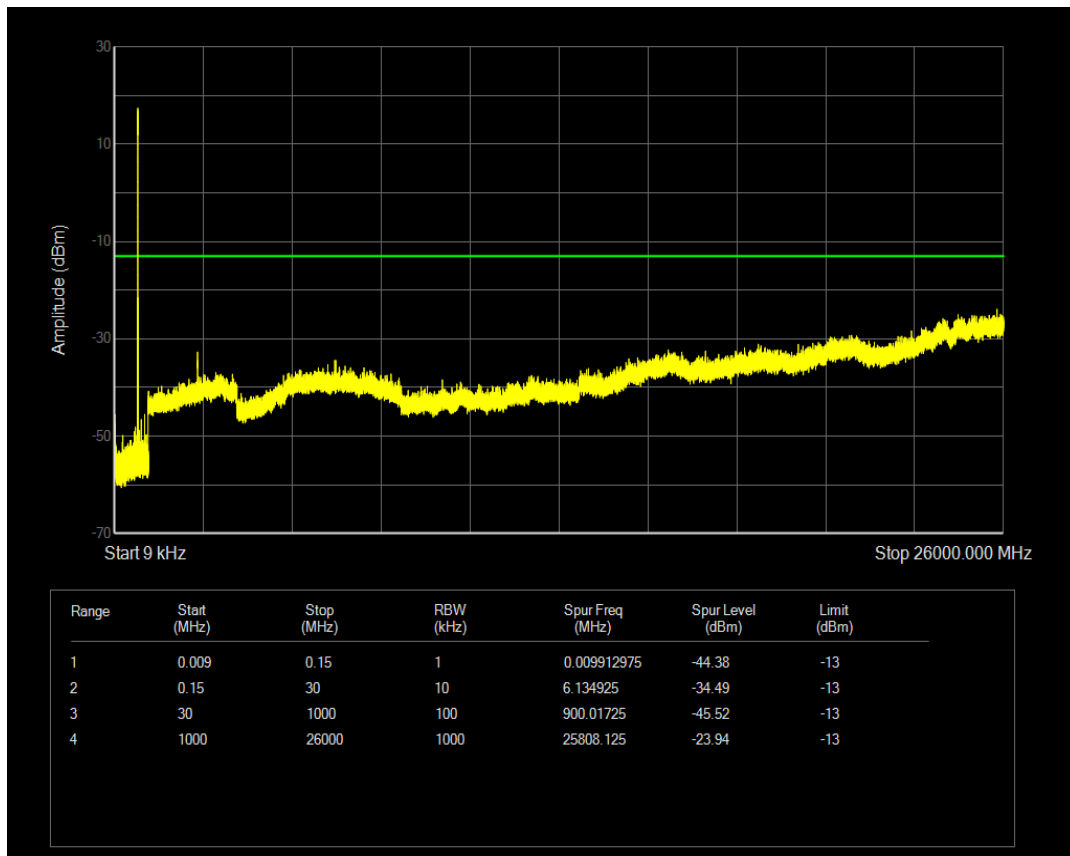
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



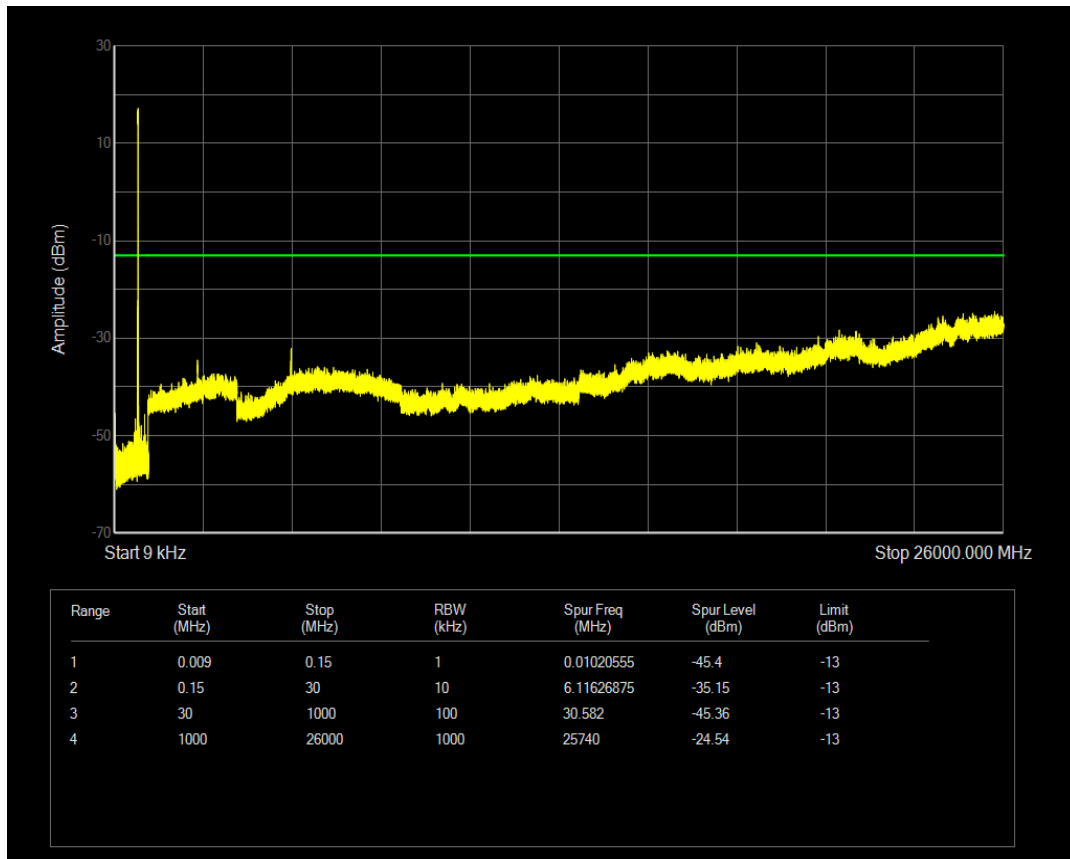
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



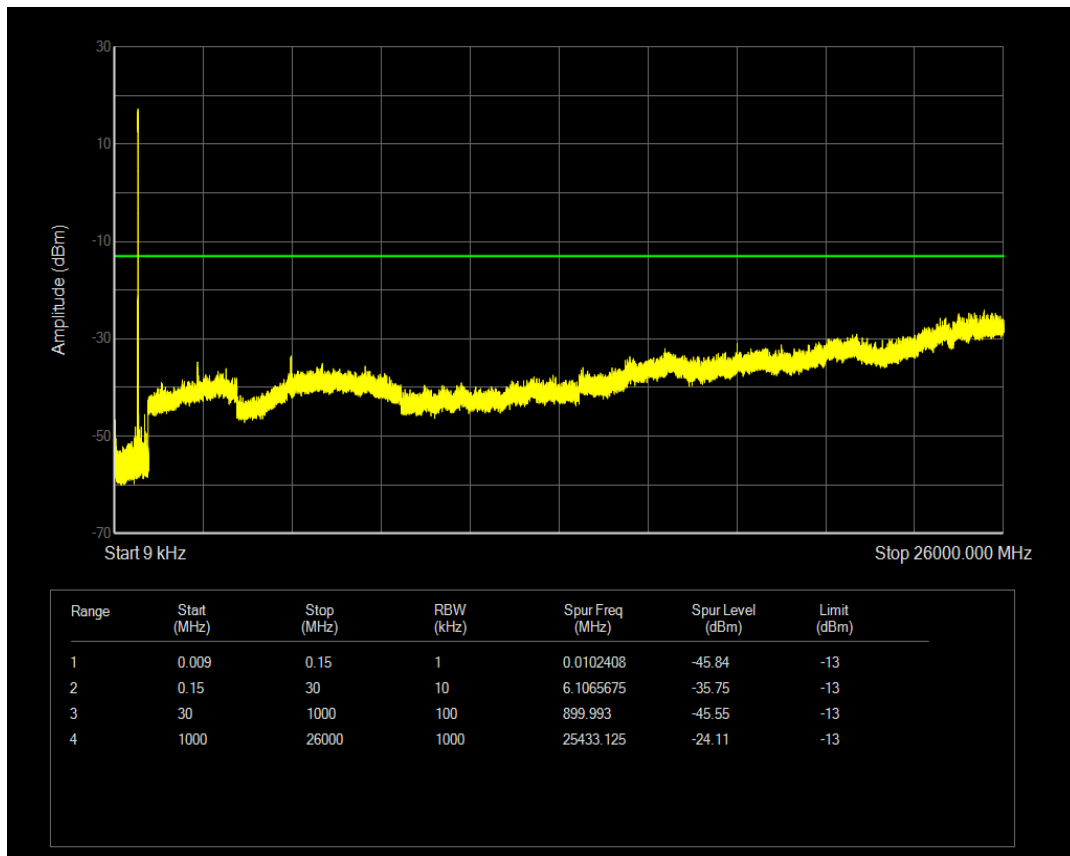
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



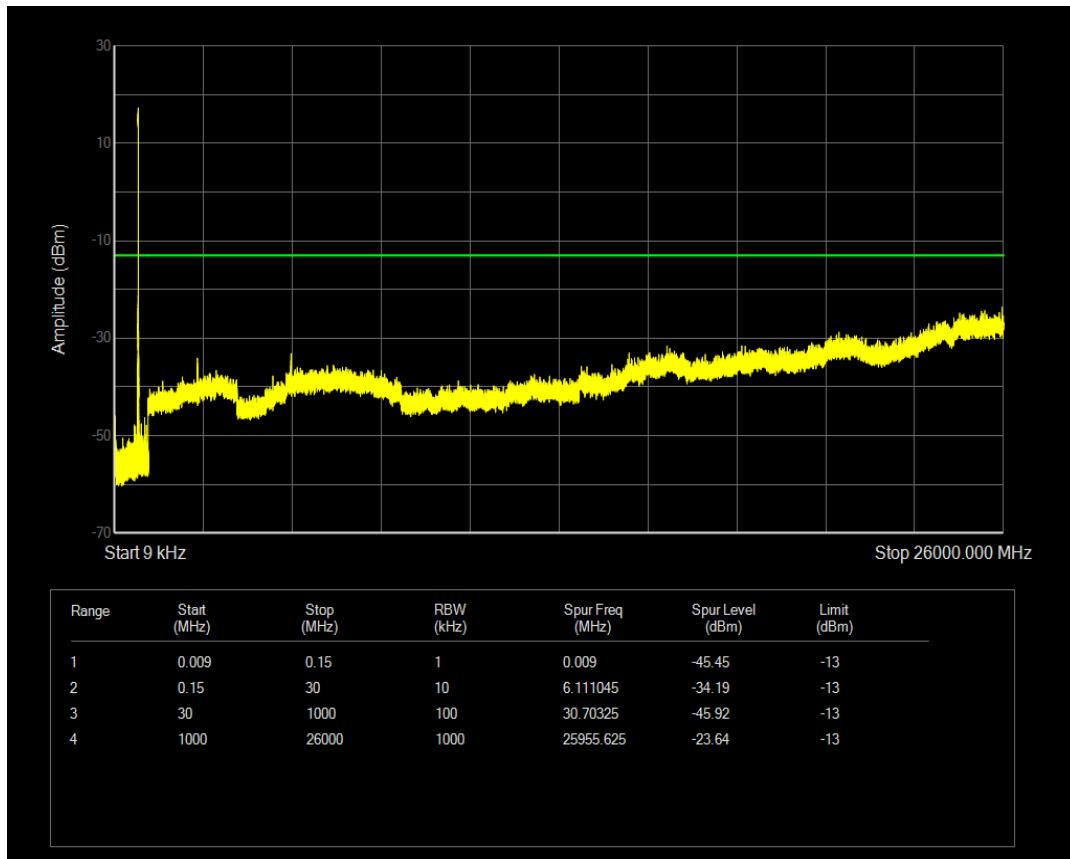
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



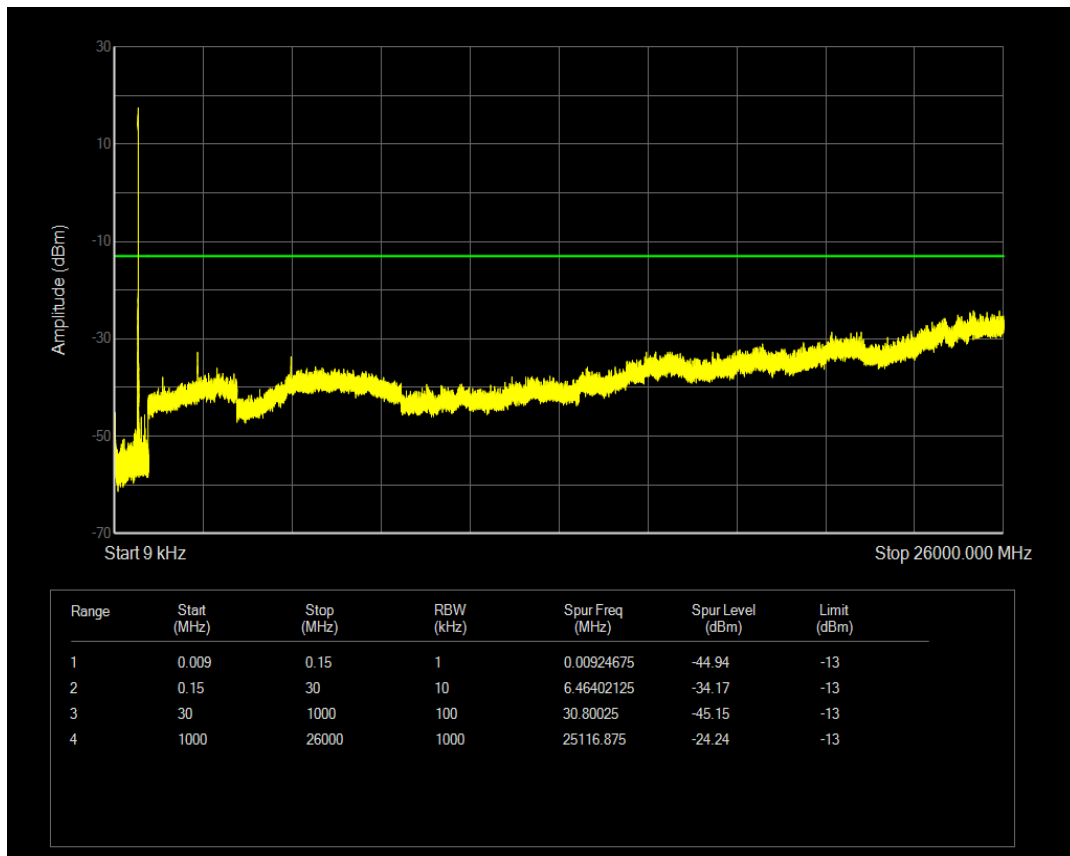
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



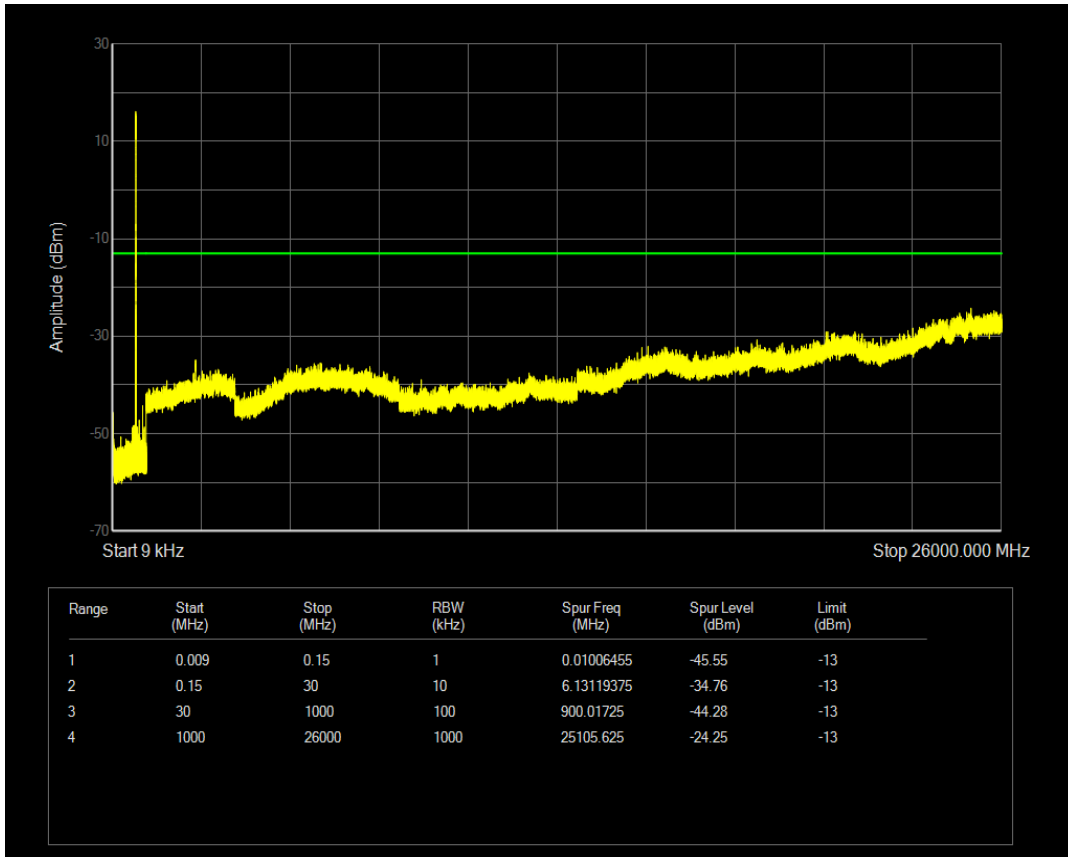
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



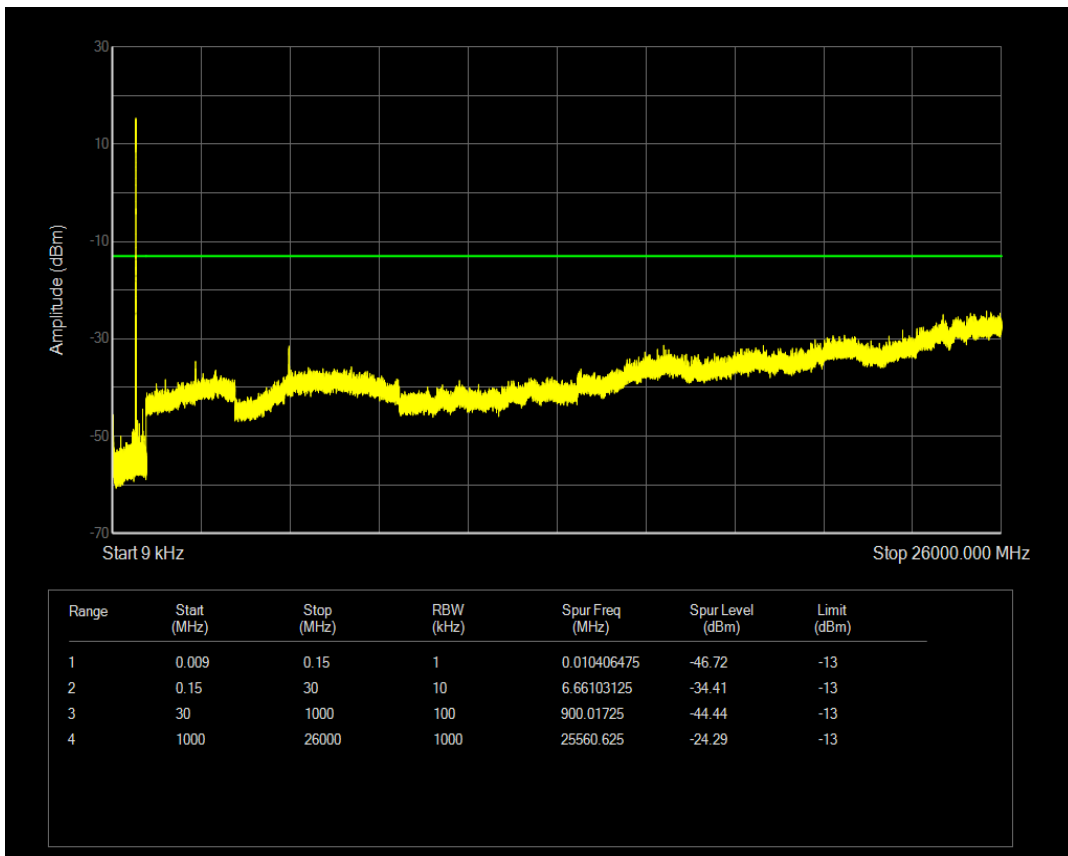
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



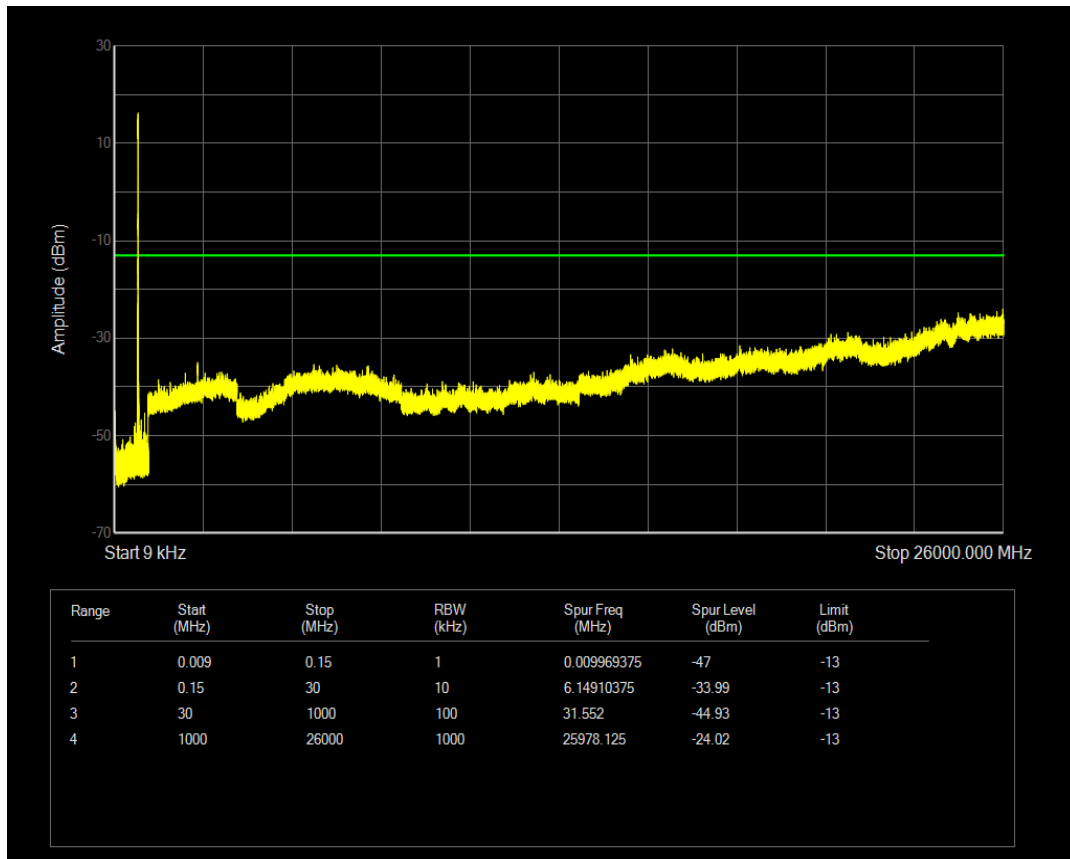
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



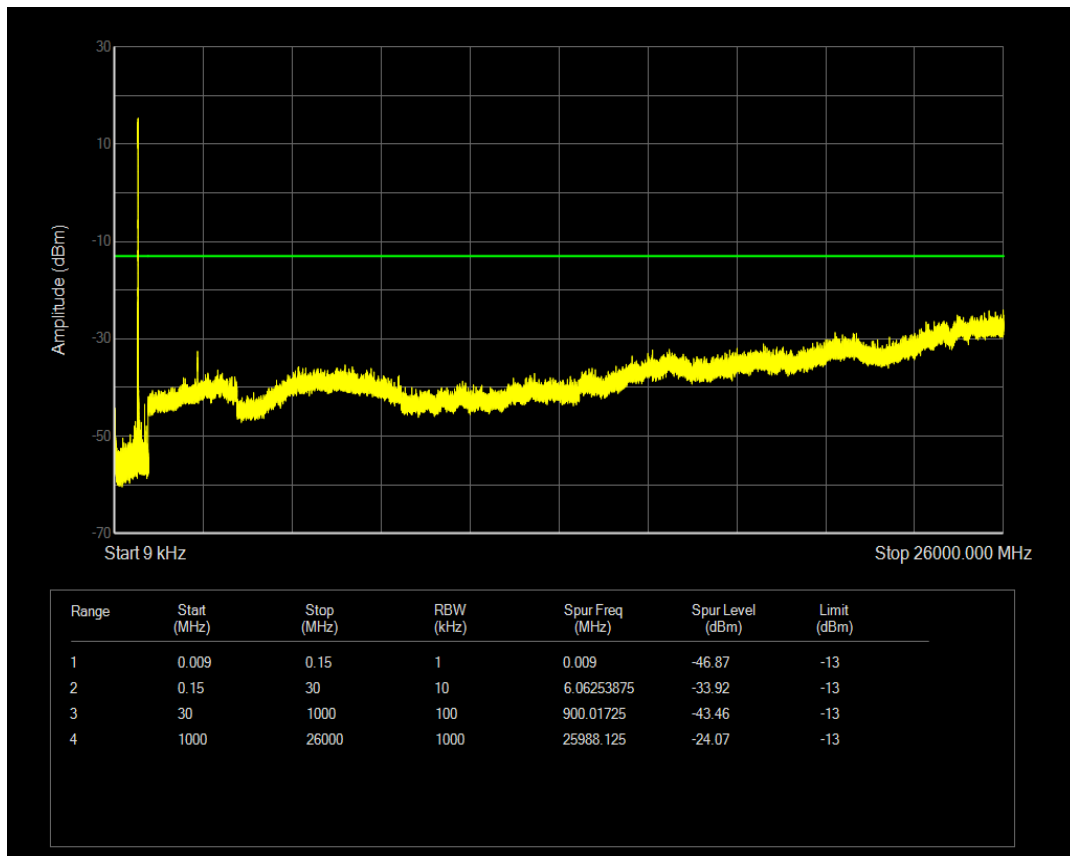
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



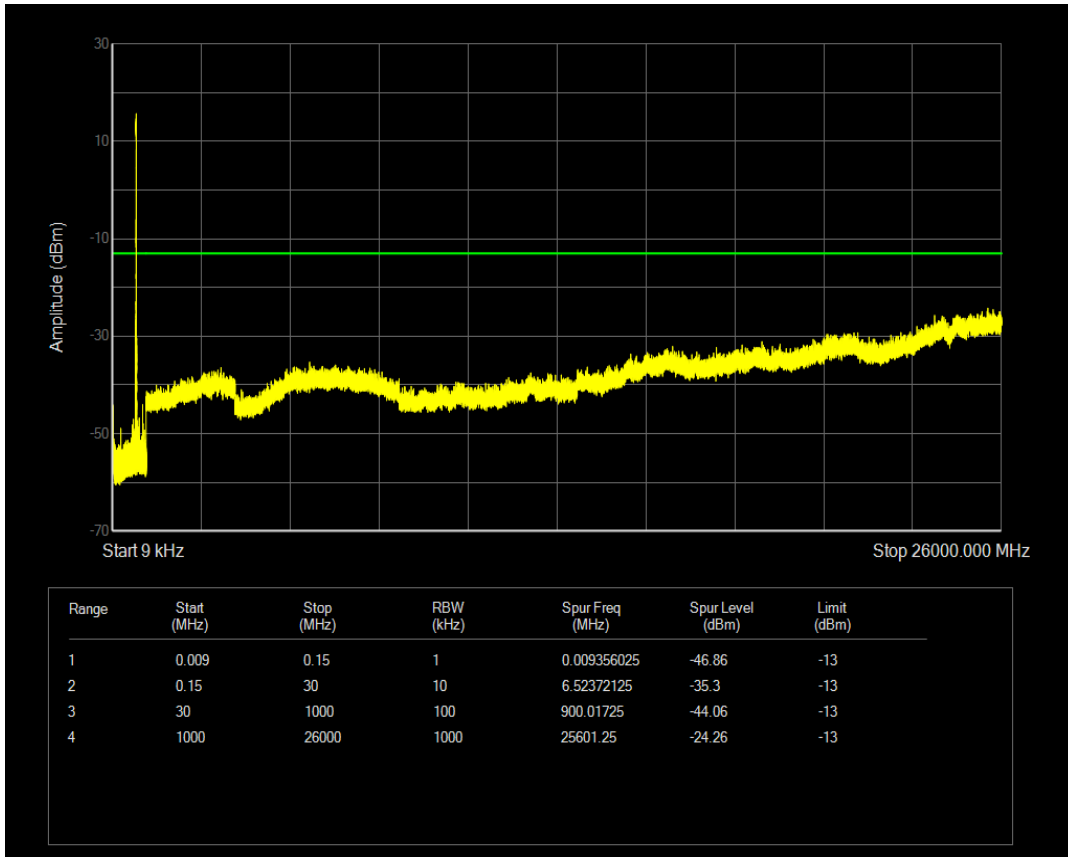
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



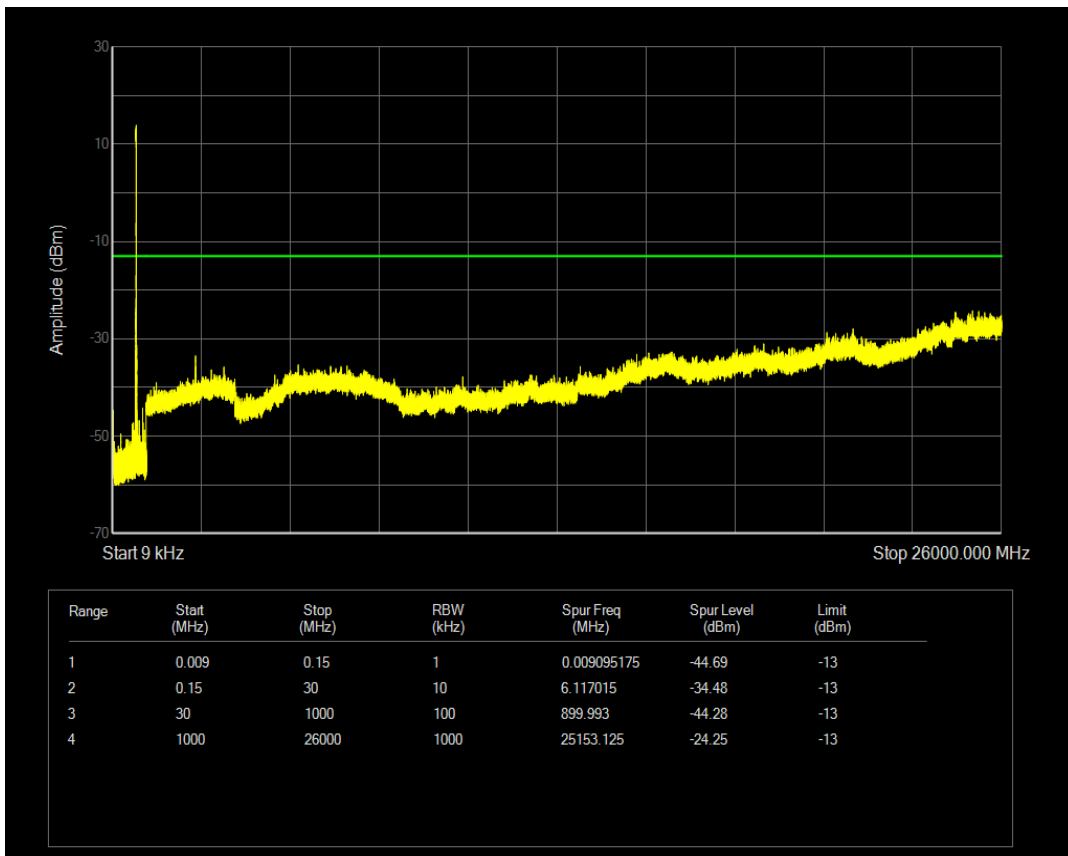
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



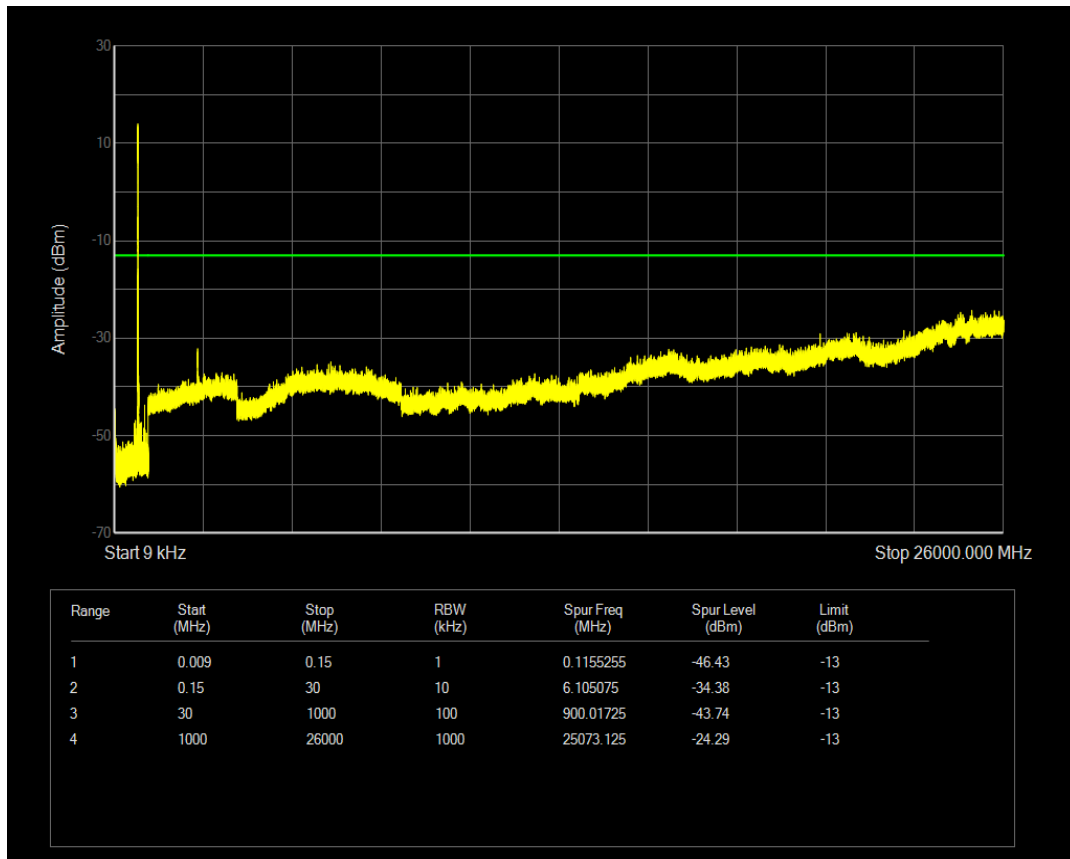
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



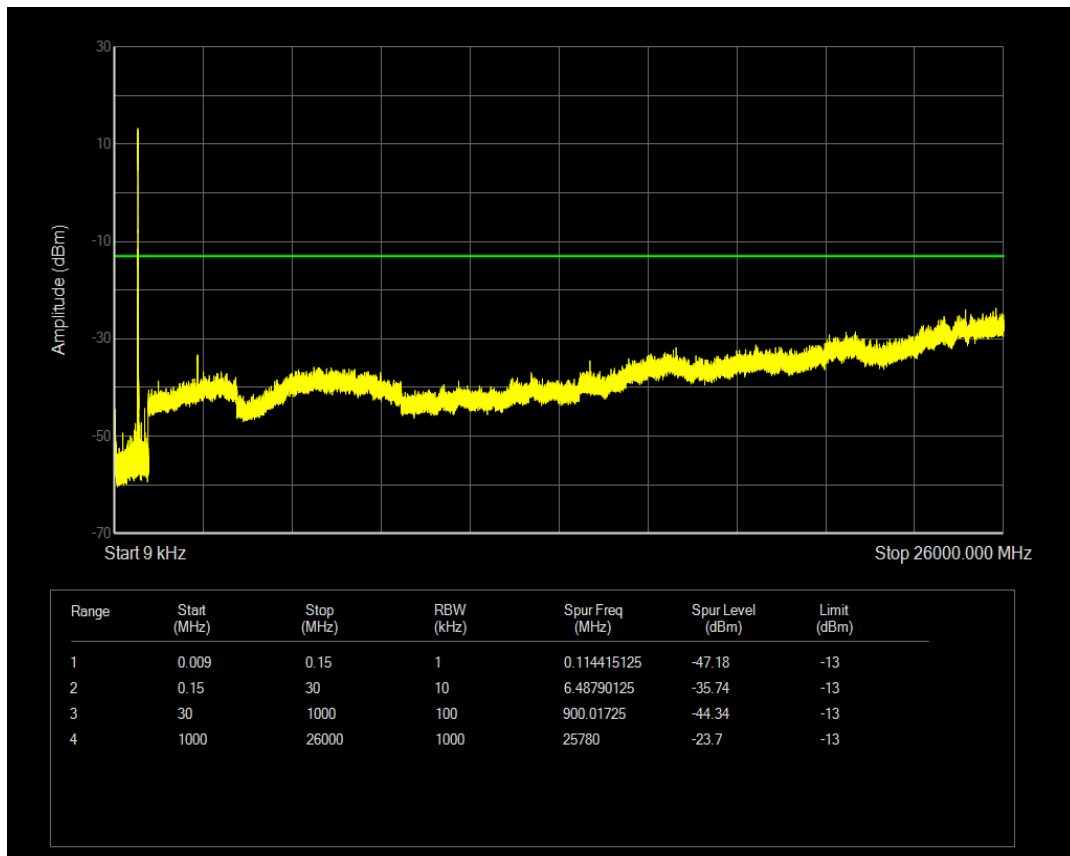
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



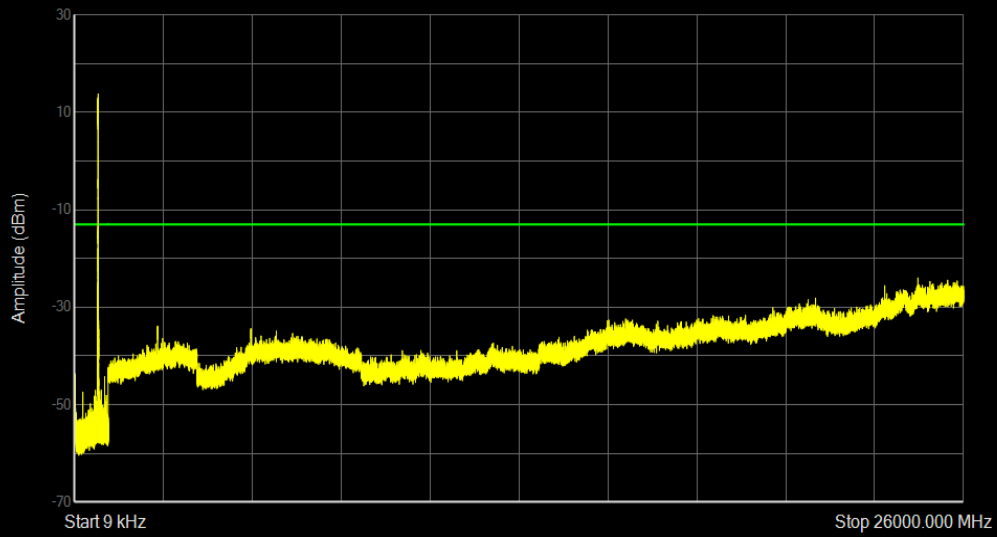
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



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

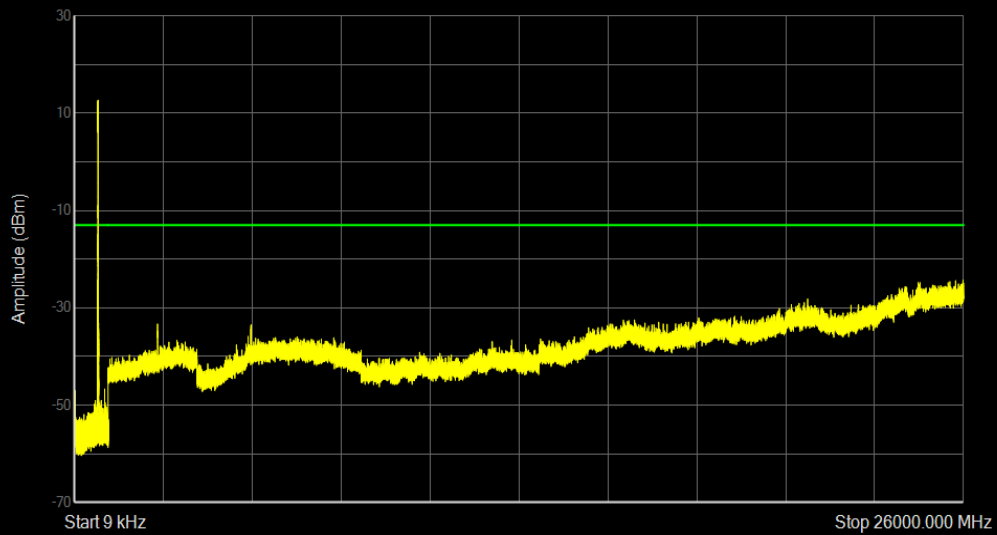


Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



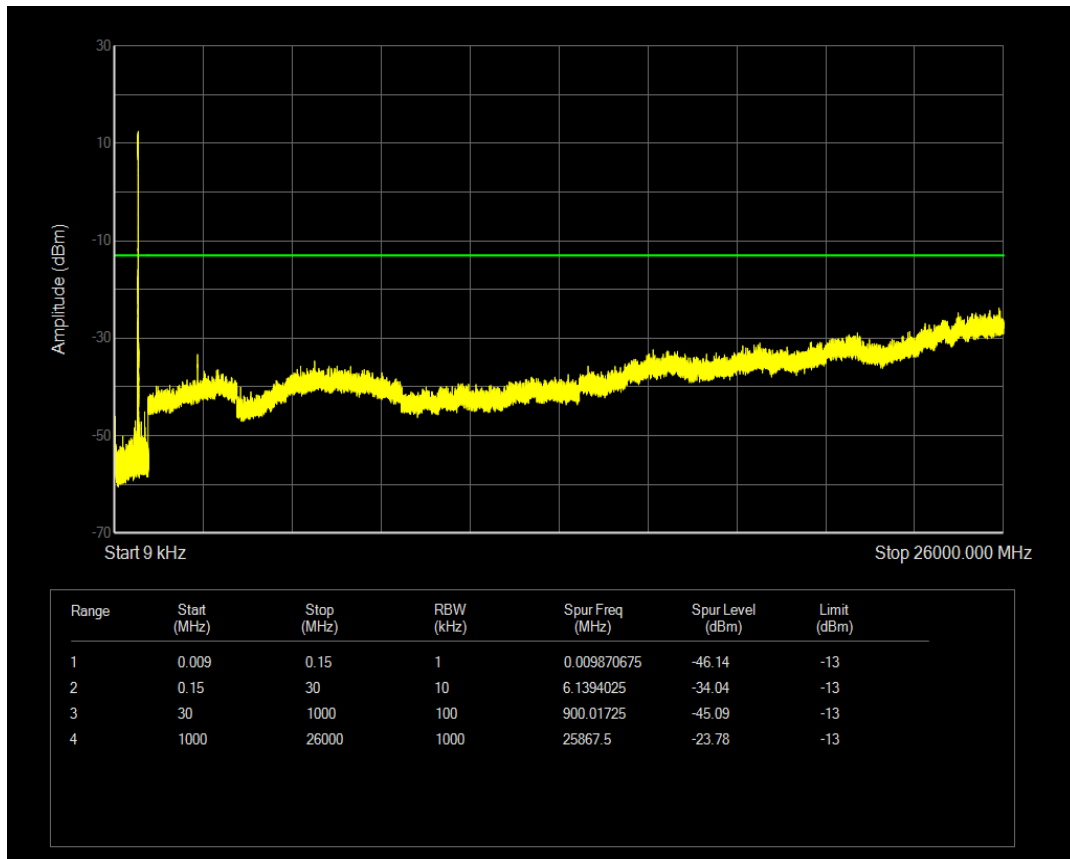
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010335975	-46.92	-13
2	0.15	30	10	6.1274625	-34.36	-13
3	30	1000	100	30.55775	-43.64	-13
4	1000	26000	1000	24668.125	-23.98	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.117263325	-46.68	-13
2	0.15	30	10	6.1274625	-35.24	-13
3	30	1000	100	899.993	-46.7	-13
4	1000	26000	1000	25983.75	-24.29	-13

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



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

