

Appendix for Band 12

Report No.: BCTC2412907229-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart Tablet

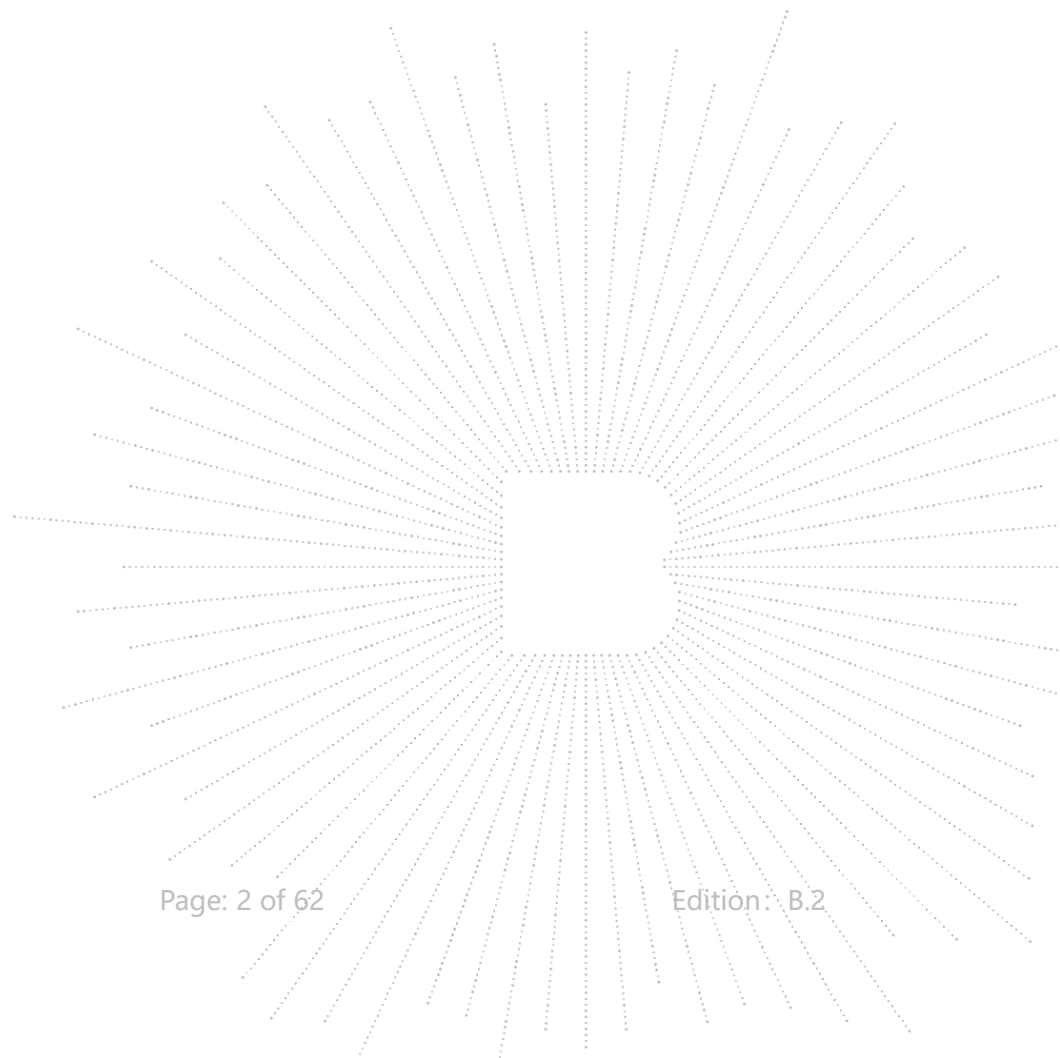
Test Model: DT3

Tested Date: 2024-12-05 to 2025-02-11

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power

Measurement

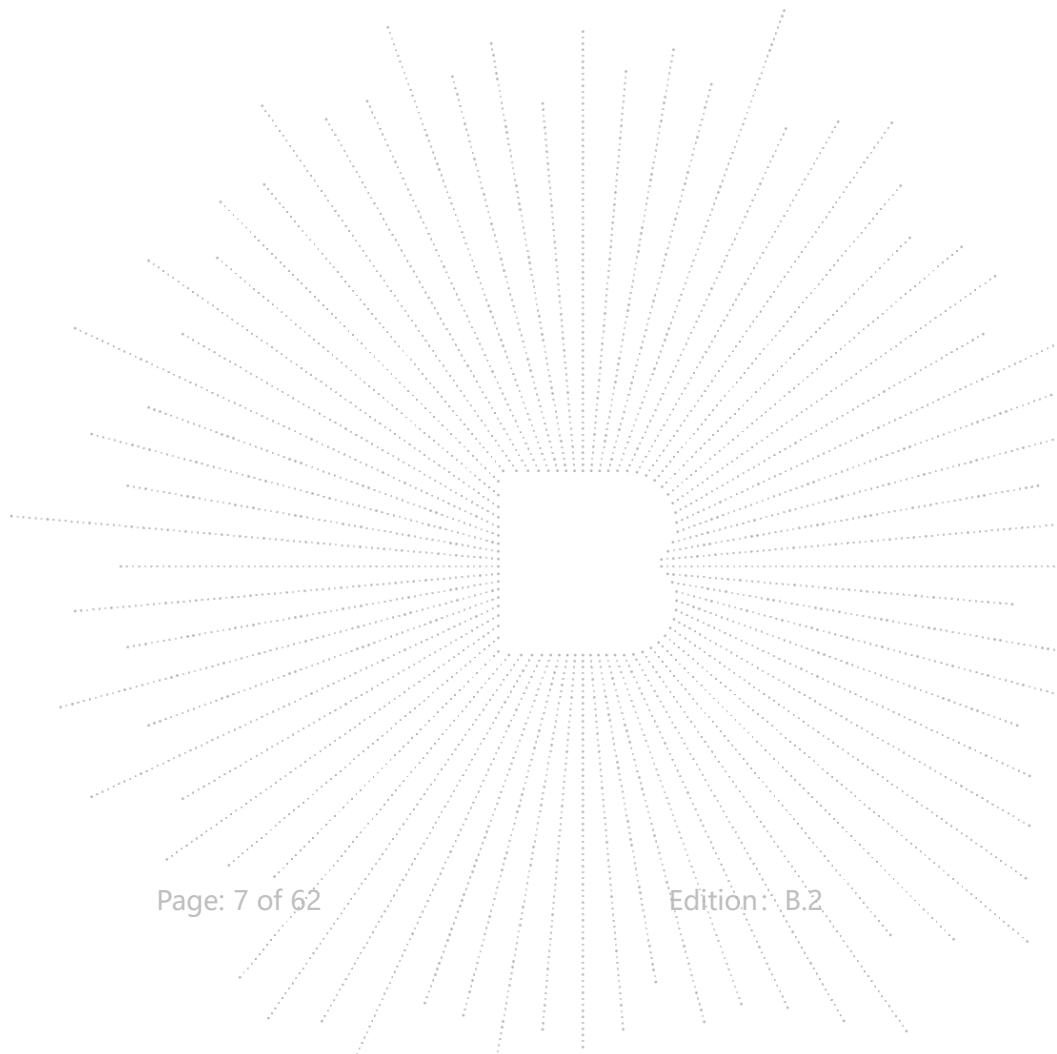
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.49	-1.8	19.54	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.51	-1.8	19.56	PASS
Band12	1.4	23017	1	#Max	QPSK	23.50	-1.8	19.55	PASS
Band12	1.4	23017	3	#0	QPSK	23.50	-1.8	19.55	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.50	-1.8	19.55	PASS
Band12	1.4	23017	3	#Max	QPSK	23.49	-1.8	19.54	PASS
Band12	1.4	23017	6	#0	QPSK	22.52	-1.8	18.57	PASS
Band12	1.4	23017	1	#0	16QAM	22.71	-1.8	18.76	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.71	-1.8	18.76	PASS
Band12	1.4	23017	1	#Max	16QAM	22.75	-1.8	18.80	PASS
Band12	1.4	23017	3	#0	16QAM	22.69	-1.8	18.74	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.74	-1.8	18.79	PASS
Band12	1.4	23017	3	#Max	16QAM	22.72	-1.8	18.77	PASS
Band12	1.4	23017	6	#0	16QAM	21.67	-1.8	17.72	PASS
Band12	1.4	23095	1	#0	QPSK	23.65	-1.8	19.70	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.64	-1.8	19.69	PASS
Band12	1.4	23095	1	#Max	QPSK	23.62	-1.8	19.67	PASS
Band12	1.4	23095	3	#0	QPSK	23.56	-1.8	19.61	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.56	-1.8	19.61	PASS
Band12	1.4	23095	3	#Max	QPSK	23.53	-1.8	19.58	PASS
Band12	1.4	23095	6	#0	QPSK	22.55	-1.8	18.60	PASS
Band12	1.4	23095	1	#0	16QAM	22.50	-1.8	18.55	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.47	-1.8	18.52	PASS
Band12	1.4	23095	1	#Max	16QAM	22.52	-1.8	18.57	PASS
Band12	1.4	23095	3	#0	16QAM	22.71	-1.8	18.76	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.71	-1.8	18.76	PASS
Band12	1.4	23095	3	#Max	16QAM	22.72	-1.8	18.77	PASS
Band12	1.4	23095	6	#0	16QAM	21.72	-1.8	17.77	PASS
Band12	1.4	23173	1	#0	QPSK	23.54	-1.8	19.59	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.54	-1.8	19.59	PASS
Band12	1.4	23173	1	#Max	QPSK	23.52	-1.8	19.57	PASS
Band12	1.4	23173	3	#0	QPSK	23.47	-1.8	19.52	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.48	-1.8	19.53	PASS
Band12	1.4	23173	3	#Max	QPSK	23.47	-1.8	19.52	PASS
Band12	1.4	23173	6	#0	QPSK	22.47	-1.8	18.52	PASS
Band12	1.4	23173	1	#0	16QAM	22.64	-1.8	18.69	PASS

Band12	1.4	23173	1	#Mid	16QAM	22.62	-1.8	18.67	PASS
Band12	1.4	23173	1	#Max	16QAM	22.63	-1.8	18.68	PASS
Band12	1.4	23173	3	#0	16QAM	22.63	-1.8	18.68	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.62	-1.8	18.67	PASS
Band12	1.4	23173	3	#Max	16QAM	22.60	-1.8	18.65	PASS
Band12	1.4	23173	6	#0	16QAM	21.66	-1.8	17.71	PASS
Band12	3	23025	1	#0	QPSK	23.50	-1.8	19.55	PASS
Band12	3	23025	1	#Mid	QPSK	23.56	-1.8	19.61	PASS
Band12	3	23025	1	#Max	QPSK	23.54	-1.8	19.59	PASS
Band12	3	23025	8	#0	QPSK	22.52	-1.8	18.57	PASS
Band12	3	23025	8	#Mid	QPSK	22.53	-1.8	18.58	PASS
Band12	3	23025	8	#Max	QPSK	22.55	-1.8	18.60	PASS
Band12	3	23025	15	#0	QPSK	22.55	-1.8	18.60	PASS
Band12	3	23025	1	#0	16QAM	22.89	-1.8	18.94	PASS
Band12	3	23025	1	#Mid	16QAM	22.95	-1.8	19.00	PASS
Band12	3	23025	1	#Max	16QAM	22.89	-1.8	18.94	PASS
Band12	3	23025	8	#0	16QAM	21.56	-1.8	17.61	PASS
Band12	3	23025	8	#Mid	16QAM	21.57	-1.8	17.62	PASS
Band12	3	23025	8	#Max	16QAM	21.59	-1.8	17.64	PASS
Band12	3	23025	15	#0	16QAM	21.60	-1.8	17.65	PASS
Band12	3	23095	1	#0	QPSK	23.56	-1.8	19.61	PASS
Band12	3	23095	1	#Mid	QPSK	23.53	-1.8	19.58	PASS
Band12	3	23095	1	#Max	QPSK	23.52	-1.8	19.57	PASS
Band12	3	23095	8	#0	QPSK	22.56	-1.8	18.61	PASS
Band12	3	23095	8	#Mid	QPSK	22.56	-1.8	18.61	PASS
Band12	3	23095	8	#Max	QPSK	22.53	-1.8	18.58	PASS
Band12	3	23095	15	#0	QPSK	22.54	-1.8	18.59	PASS
Band12	3	23095	1	#0	16QAM	22.81	-1.8	18.86	PASS
Band12	3	23095	1	#Mid	16QAM	22.81	-1.8	18.86	PASS
Band12	3	23095	1	#Max	16QAM	22.76	-1.8	18.81	PASS
Band12	3	23095	8	#0	16QAM	21.57	-1.8	17.62	PASS
Band12	3	23095	8	#Mid	16QAM	21.58	-1.8	17.63	PASS
Band12	3	23095	8	#Max	16QAM	21.56	-1.8	17.61	PASS
Band12	3	23095	15	#0	16QAM	21.50	-1.8	17.55	PASS
Band12	3	23165	1	#0	QPSK	23.52	-1.8	19.57	PASS
Band12	3	23165	1	#Mid	QPSK	23.52	-1.8	19.57	PASS
Band12	3	23165	1	#Max	QPSK	23.54	-1.8	19.59	PASS
Band12	3	23165	8	#0	QPSK	22.46	-1.8	18.51	PASS
Band12	3	23165	8	#Mid	QPSK	22.43	-1.8	18.48	PASS
Band12	3	23165	8	#Max	QPSK	22.46	-1.8	18.51	PASS
Band12	3	23165	15	#0	QPSK	22.50	-1.8	18.55	PASS
Band12	3	23165	1	#0	16QAM	22.51	-1.8	18.56	PASS
Band12	3	23165	1	#Mid	16QAM	22.48	-1.8	18.53	PASS

Band12	3	23165	1	#Max	16QAM	22.41	-1.8	18.46	PASS
Band12	3	23165	8	#0	16QAM	21.52	-1.8	17.57	PASS
Band12	3	23165	8	#Mid	16QAM	21.44	-1.8	17.49	PASS
Band12	3	23165	8	#Max	16QAM	21.47	-1.8	17.52	PASS
Band12	3	23165	15	#0	16QAM	21.52	-1.8	17.57	PASS
Band12	5	23035	1	#0	QPSK	23.60	-1.8	19.65	PASS
Band12	5	23035	1	#Mid	QPSK	23.63	-1.8	19.68	PASS
Band12	5	23035	1	#Max	QPSK	23.61	-1.8	19.66	PASS
Band12	5	23035	12	#0	QPSK	22.58	-1.8	18.63	PASS
Band12	5	23035	12	#Mid	QPSK	22.57	-1.8	18.62	PASS
Band12	5	23035	12	#Max	QPSK	22.59	-1.8	18.64	PASS
Band12	5	23035	25	#0	QPSK	22.62	-1.8	18.67	PASS
Band12	5	23035	1	#0	16QAM	23.05	-1.8	19.10	PASS
Band12	5	23035	1	#Mid	16QAM	23.08	-1.8	19.13	PASS
Band12	5	23035	1	#Max	16QAM	23.08	-1.8	19.13	PASS
Band12	5	23035	12	#0	16QAM	21.62	-1.8	17.67	PASS
Band12	5	23035	12	#Mid	16QAM	21.60	-1.8	17.65	PASS
Band12	5	23035	12	#Max	16QAM	21.60	-1.8	17.65	PASS
Band12	5	23035	25	#0	16QAM	21.55	-1.8	17.60	PASS
Band12	5	23095	1	#0	QPSK	23.56	-1.8	19.61	PASS
Band12	5	23095	1	#Mid	QPSK	23.63	-1.8	19.68	PASS
Band12	5	23095	1	#Max	QPSK	23.66	-1.8	19.71	PASS
Band12	5	23095	12	#0	QPSK	22.60	-1.8	18.65	PASS
Band12	5	23095	12	#Mid	QPSK	22.58	-1.8	18.63	PASS
Band12	5	23095	12	#Max	QPSK	22.56	-1.8	18.61	PASS
Band12	5	23095	25	#0	QPSK	22.63	-1.8	18.68	PASS
Band12	5	23095	1	#0	16QAM	22.91	-1.8	18.96	PASS
Band12	5	23095	1	#Mid	16QAM	22.97	-1.8	19.02	PASS
Band12	5	23095	1	#Max	16QAM	22.98	-1.8	19.03	PASS
Band12	5	23095	12	#0	16QAM	21.60	-1.8	17.65	PASS
Band12	5	23095	12	#Mid	16QAM	21.58	-1.8	17.63	PASS
Band12	5	23095	12	#Max	16QAM	21.55	-1.8	17.60	PASS
Band12	5	23095	25	#0	16QAM	21.65	-1.8	17.70	PASS
Band12	5	23155	1	#0	QPSK	23.55	-1.8	19.60	PASS
Band12	5	23155	1	#Mid	QPSK	23.49	-1.8	19.54	PASS
Band12	5	23155	1	#Max	QPSK	23.47	-1.8	19.52	PASS
Band12	5	23155	12	#0	QPSK	22.62	-1.8	18.67	PASS
Band12	5	23155	12	#Mid	QPSK	22.55	-1.8	18.60	PASS
Band12	5	23155	12	#Max	QPSK	22.54	-1.8	18.59	PASS
Band12	5	23155	25	#0	QPSK	22.58	-1.8	18.63	PASS
Band12	5	23155	1	#0	16QAM	22.95	-1.8	19.00	PASS
Band12	5	23155	1	#Mid	16QAM	22.96	-1.8	19.01	PASS
Band12	5	23155	1	#Max	16QAM	22.90	-1.8	18.95	PASS

Band12	5	23155	12	#0	16QAM	21.65	-1.8	17.70	PASS
Band12	5	23155	12	#Mid	16QAM	21.62	-1.8	17.67	PASS
Band12	5	23155	12	#Max	16QAM	21.58	-1.8	17.63	PASS
Band12	5	23155	25	#0	16QAM	21.55	-1.8	17.60	PASS
Band12	10	23060	1	#0	QPSK	23.63	-1.8	19.68	PASS
Band12	10	23060	1	#Mid	QPSK	23.60	-1.8	19.65	PASS
Band12	10	23060	1	#Max	QPSK	23.71	-1.8	19.76	PASS
Band12	10	23060	25	#0	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23060	25	#Mid	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23060	25	#Max	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23060	50	#0	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23060	1	#0	16QAM	22.58	-1.8	18.63	PASS
Band12	10	23060	1	#Mid	16QAM	22.49	-1.8	18.54	PASS
Band12	10	23060	1	#Max	16QAM	22.57	-1.8	18.62	PASS
Band12	10	23060	25	#0	16QAM	21.55	-1.8	17.60	PASS
Band12	10	23060	25	#Mid	16QAM	21.55	-1.8	17.60	PASS
Band12	10	23060	25	#Max	16QAM	21.57	-1.8	17.62	PASS
Band12	10	23060	50	#0	16QAM	21.55	-1.8	17.60	PASS
Band12	10	23095	1	#0	QPSK	23.59	-1.8	19.64	PASS
Band12	10	23095	1	#Mid	QPSK	23.57	-1.8	19.62	PASS
Band12	10	23095	1	#Max	QPSK	23.65	-1.8	19.70	PASS
Band12	10	23095	25	#0	QPSK	22.60	-1.8	18.65	PASS
Band12	10	23095	25	#Mid	QPSK	22.61	-1.8	18.66	PASS
Band12	10	23095	25	#Max	QPSK	22.61	-1.8	18.66	PASS
Band12	10	23095	50	#0	QPSK	22.60	-1.8	18.65	PASS
Band12	10	23095	1	#0	16QAM	22.97	-1.8	19.02	PASS
Band12	10	23095	1	#Mid	16QAM	23.02	-1.8	19.07	PASS
Band12	10	23095	1	#Max	16QAM	22.96	-1.8	19.01	PASS
Band12	10	23095	25	#0	16QAM	21.62	-1.8	17.67	PASS
Band12	10	23095	25	#Mid	16QAM	21.63	-1.8	17.68	PASS
Band12	10	23095	25	#Max	16QAM	21.59	-1.8	17.64	PASS
Band12	10	23095	50	#0	16QAM	21.59	-1.8	17.64	PASS
Band12	10	23130	1	#0	QPSK	23.67	-1.8	19.72	PASS
Band12	10	23130	1	#Mid	QPSK	23.53	-1.8	19.58	PASS
Band12	10	23130	1	#Max	QPSK	23.53	-1.8	19.58	PASS
Band12	10	23130	25	#0	QPSK	22.66	-1.8	18.71	PASS
Band12	10	23130	25	#Mid	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23130	25	#Max	QPSK	22.51	-1.8	18.56	PASS
Band12	10	23130	50	#0	QPSK	22.60	-1.8	18.65	PASS
Band12	10	23130	1	#0	16QAM	22.84	-1.8	18.89	PASS
Band12	10	23130	1	#Mid	16QAM	22.73	-1.8	18.78	PASS
Band12	10	23130	1	#Max	16QAM	22.71	-1.8	18.76	PASS
Band12	10	23130	25	#0	16QAM	21.62	-1.8	17.67	PASS

Band12	10	23130	25	#Mid	16QAM	21.58	-1.8	17.63	PASS
Band12	10	23130	25	#Max	16QAM	21.53	-1.8	17.58	PASS
Band12	10	23130	50	#0	16QAM	21.62	-1.8	17.67	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	-4.92	-0.007	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	-2.80	-0.004	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	-1.22	-0.002	PASS
Band12	1.4	23017	6	#0	16QAM	LV	NT	0.56	0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	NT	-1.69	-0.002	PASS
Band12	1.4	23017	6	#0	16QAM	HV	NT	-4.61	-0.007	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	0.16	0.000	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	-0.47	-0.001	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	0.40	0.001	PASS
Band12	1.4	23095	6	#0	16QAM	LV	NT	0.30	0.000	PASS
Band12	1.4	23095	6	#0	16QAM	NV	NT	-0.72	-0.001	PASS
Band12	1.4	23095	6	#0	16QAM	HV	NT	-1.93	-0.003	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	-2.45	-0.003	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	-1.63	-0.002	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	-2.22	-0.003	PASS
Band12	1.4	23173	6	#0	16QAM	LV	NT	-2.55	-0.004	PASS
Band12	1.4	23173	6	#0	16QAM	NV	NT	-1.09	-0.002	PASS
Band12	1.4	23173	6	#0	16QAM	HV	NT	-1.33	-0.002	PASS
Band12	3	23025	15	#0	QPSK	LV	NT	-2.59	-0.004	PASS
Band12	3	23025	15	#0	QPSK	NV	NT	-2.40	-0.003	PASS
Band12	3	23025	15	#0	QPSK	HV	NT	-3.32	-0.005	PASS
Band12	3	23025	15	#0	16QAM	LV	NT	-3.39	-0.005	PASS
Band12	3	23025	15	#0	16QAM	NV	NT	-2.26	-0.003	PASS
Band12	3	23025	15	#0	16QAM	HV	NT	2.49	0.004	PASS
Band12	3	23095	15	#0	QPSK	LV	NT	0.14	0.000	PASS
Band12	3	23095	15	#0	QPSK	NV	NT	0.44	0.001	PASS
Band12	3	23095	15	#0	QPSK	HV	NT	-2.22	-0.003	PASS
Band12	3	23095	15	#0	16QAM	LV	NT	-1.60	-0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	NT	-1.53	-0.002	PASS
Band12	3	23095	15	#0	16QAM	HV	NT	-0.86	-0.001	PASS
Band12	3	23165	15	#0	QPSK	LV	NT	-2.17	-0.003	PASS
Band12	3	23165	15	#0	QPSK	NV	NT	-0.72	-0.001	PASS
Band12	3	23165	15	#0	QPSK	HV	NT	-1.53	-0.002	PASS
Band12	3	23165	15	#0	16QAM	LV	NT	-1.82	-0.003	PASS
Band12	3	23165	15	#0	16QAM	NV	NT	-2.25	-0.003	PASS
Band12	3	23165	15	#0	16QAM	HV	NT	-1.72	-0.002	PASS
Band12	5	23035	25	#0	QPSK	LV	NT	-2.03	-0.003	PASS
Band12	5	23035	25	#0	QPSK	NV	NT	-4.13	-0.006	PASS

Band12	5	23035	25	#0	QPSK	HV	NT	-2.56	-0.004	PASS
Band12	5	23035	25	#0	16QAM	LV	NT	-3.16	-0.005	PASS
Band12	5	23035	25	#0	16QAM	NV	NT	-3.35	-0.005	PASS
Band12	5	23035	25	#0	16QAM	HV	NT	-0.39	-0.001	PASS
Band12	5	23095	25	#0	QPSK	LV	NT	-0.07	0.000	PASS
Band12	5	23095	25	#0	QPSK	NV	NT	-0.24	0.000	PASS
Band12	5	23095	25	#0	QPSK	HV	NT	-2.05	-0.003	PASS
Band12	5	23095	25	#0	16QAM	LV	NT	0.16	0.000	PASS
Band12	5	23095	25	#0	16QAM	NV	NT	-4.31	-0.006	PASS
Band12	5	23095	25	#0	16QAM	HV	NT	-4.62	-0.007	PASS
Band12	5	23155	25	#0	QPSK	LV	NT	1.16	0.002	PASS
Band12	5	23155	25	#0	QPSK	NV	NT	-2.32	-0.003	PASS
Band12	5	23155	25	#0	QPSK	HV	NT	-3.49	-0.005	PASS
Band12	5	23155	25	#0	16QAM	LV	NT	-1.26	-0.002	PASS
Band12	5	23155	25	#0	16QAM	NV	NT	-0.46	-0.001	PASS
Band12	5	23155	25	#0	16QAM	HV	NT	-1.36	-0.002	PASS
Band12	10	23060	50	#0	QPSK	LV	NT	-4.11	-0.006	PASS
Band12	10	23060	50	#0	QPSK	NV	NT	-1.76	-0.003	PASS
Band12	10	23060	50	#0	QPSK	HV	NT	-2.32	-0.003	PASS
Band12	10	23060	50	#0	16QAM	LV	NT	-2.90	-0.004	PASS
Band12	10	23060	50	#0	16QAM	NV	NT	-2.33	-0.003	PASS
Band12	10	23060	50	#0	16QAM	HV	NT	1.17	0.002	PASS
Band12	10	23095	50	#0	QPSK	LV	NT	-0.69	-0.001	PASS
Band12	10	23095	50	#0	QPSK	NV	NT	-0.11	0.000	PASS
Band12	10	23095	50	#0	QPSK	HV	NT	-1.03	-0.001	PASS
Band12	10	23095	50	#0	16QAM	LV	NT	0.17	0.000	PASS
Band12	10	23095	50	#0	16QAM	NV	NT	0.84	0.001	PASS
Band12	10	23095	50	#0	16QAM	HV	NT	-2.02	-0.003	PASS
Band12	10	23130	50	#0	QPSK	LV	NT	-3.79	-0.005	PASS
Band12	10	23130	50	#0	QPSK	NV	NT	-0.09	0.000	PASS
Band12	10	23130	50	#0	QPSK	HV	NT	-3.63	-0.005	PASS
Band12	10	23130	50	#0	16QAM	LV	NT	0.13	0.000	PASS
Band12	10	23130	50	#0	16QAM	NV	NT	-3.18	-0.004	PASS
Band12	10	23130	50	#0	16QAM	HV	NT	-1.34	-0.002	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	0.16	0.000	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-20	-1.36	-0.002	PASS
Band12	1.4	23017	6	#0	QPSK	NV	0	-0.87	-0.001	PASS
Band12	1.4	23017	6	#0	QPSK	NV	10	-5.41	-0.008	PASS
Band12	1.4	23017	6	#0	QPSK	NV	20	-5.51	-0.008	PASS
Band12	1.4	23017	6	#0	QPSK	NV	30	-1.83	-0.003	PASS

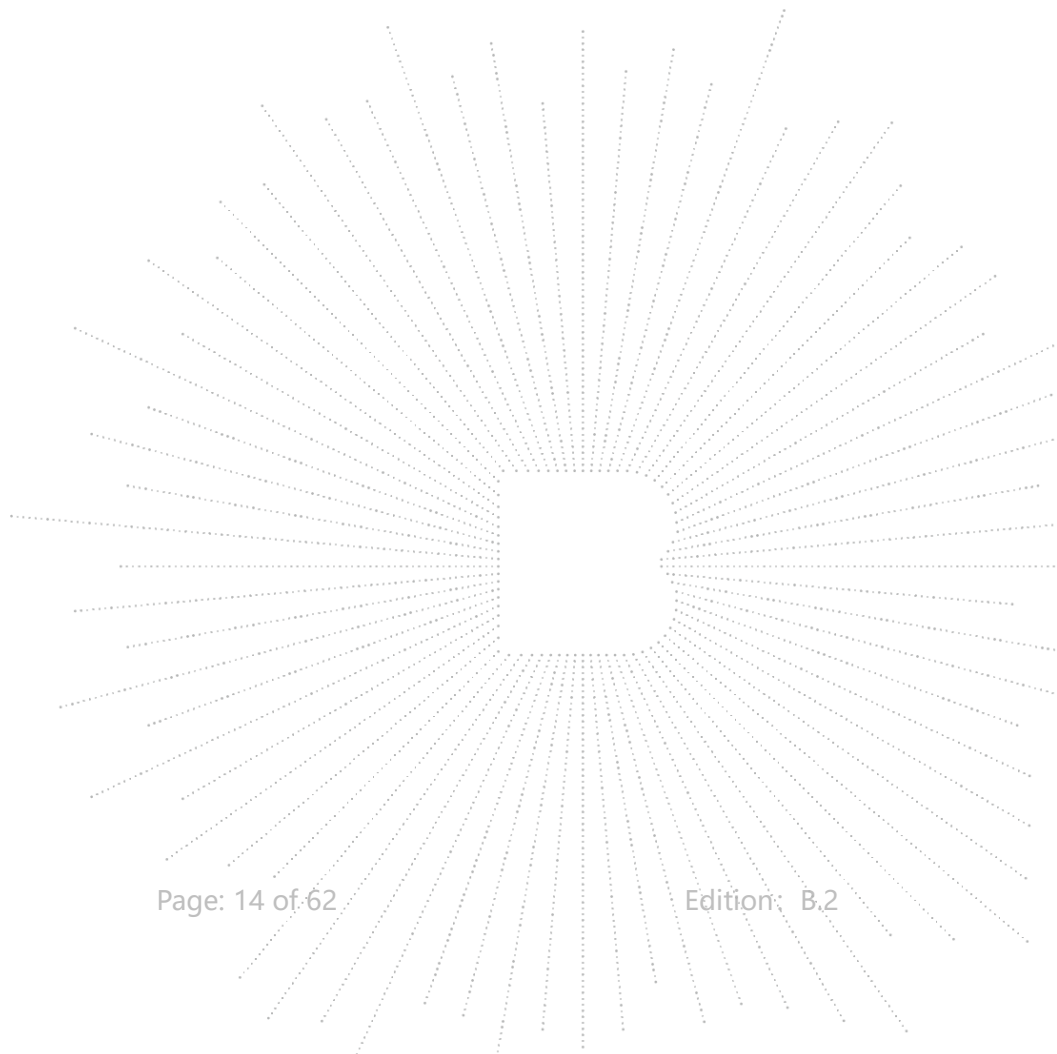
Band12	1.4	23017	6	#0	QPSK	NV	40	-2.73	-0.004	PASS
Band12	1.4	23017	6	#0	QPSK	NV	50	-3.28	-0.005	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-30	-0.57	-0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-20	0.74	0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	0	-1.24	-0.002	PASS
Band12	1.4	23017	6	#0	16QAM	NV	10	-0.74	-0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	20	-6.08	-0.009	PASS
Band12	1.4	23017	6	#0	16QAM	NV	30	-1.80	-0.003	PASS
Band12	1.4	23017	6	#0	16QAM	NV	40	-3.68	-0.005	PASS
Band12	1.4	23017	6	#0	16QAM	NV	50	-0.67	-0.001	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-30	-2.79	-0.004	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-20	-3.36	-0.005	PASS
Band12	1.4	23095	6	#0	QPSK	NV	0	-1.43	-0.002	PASS
Band12	1.4	23095	6	#0	QPSK	NV	10	-0.41	-0.001	PASS
Band12	1.4	23095	6	#0	QPSK	NV	20	0.83	0.001	PASS
Band12	1.4	23095	6	#0	QPSK	NV	30	-0.11	0.000	PASS
Band12	1.4	23095	6	#0	QPSK	NV	40	2.99	0.004	PASS
Band12	1.4	23095	6	#0	QPSK	NV	50	-0.54	-0.001	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-30	-1.60	-0.002	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-20	-1.12	-0.002	PASS
Band12	1.4	23095	6	#0	16QAM	NV	0	-4.19	-0.006	PASS
Band12	1.4	23095	6	#0	16QAM	NV	10	-0.82	-0.001	PASS
Band12	1.4	23095	6	#0	16QAM	NV	20	-3.18	-0.004	PASS
Band12	1.4	23095	6	#0	16QAM	NV	30	-2.16	-0.003	PASS
Band12	1.4	23095	6	#0	16QAM	NV	40	-1.19	-0.002	PASS
Band12	1.4	23095	6	#0	16QAM	NV	50	2.12	0.003	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-30	-3.08	-0.004	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-20	1.90	0.003	PASS
Band12	1.4	23173	6	#0	QPSK	NV	0	-4.31	-0.006	PASS
Band12	1.4	23173	6	#0	QPSK	NV	10	-0.84	-0.001	PASS
Band12	1.4	23173	6	#0	QPSK	NV	20	-3.82	-0.005	PASS
Band12	1.4	23173	6	#0	QPSK	NV	30	-5.52	-0.008	PASS
Band12	1.4	23173	6	#0	QPSK	NV	40	-1.62	-0.002	PASS
Band12	1.4	23173	6	#0	QPSK	NV	50	-2.90	-0.004	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-30	-4.42	-0.006	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-20	-1.42	-0.002	PASS
Band12	1.4	23173	6	#0	16QAM	NV	0	0.26	0.000	PASS
Band12	1.4	23173	6	#0	16QAM	NV	10	0.77	0.001	PASS
Band12	1.4	23173	6	#0	16QAM	NV	20	-2.82	-0.004	PASS
Band12	1.4	23173	6	#0	16QAM	NV	30	1.89	0.003	PASS
Band12	1.4	23173	6	#0	16QAM	NV	40	-4.09	-0.006	PASS
Band12	1.4	23173	6	#0	16QAM	NV	50	4.03	0.006	PASS
Band12	3	23025	15	#0	QPSK	NV	-30	2.32	0.003	PASS

Band12	3	23025	15	#0	QPSK	NV	-20	-3.08	-0.004	PASS
Band12	3	23025	15	#0	QPSK	NV	0	-0.49	-0.001	PASS
Band12	3	23025	15	#0	QPSK	NV	10	1.30	0.002	PASS
Band12	3	23025	15	#0	QPSK	NV	20	-3.88	-0.006	PASS
Band12	3	23025	15	#0	QPSK	NV	30	-2.69	-0.004	PASS
Band12	3	23025	15	#0	QPSK	NV	40	-0.73	-0.001	PASS
Band12	3	23025	15	#0	QPSK	NV	50	-0.87	-0.001	PASS
Band12	3	23025	15	#0	16QAM	NV	-30	2.36	0.003	PASS
Band12	3	23025	15	#0	16QAM	NV	-20	-1.43	-0.002	PASS
Band12	3	23025	15	#0	16QAM	NV	0	-0.44	-0.001	PASS
Band12	3	23025	15	#0	16QAM	NV	10	2.23	0.003	PASS
Band12	3	23025	15	#0	16QAM	NV	20	-0.90	-0.001	PASS
Band12	3	23025	15	#0	16QAM	NV	30	-4.65	-0.007	PASS
Band12	3	23025	15	#0	16QAM	NV	40	-4.42	-0.006	PASS
Band12	3	23025	15	#0	16QAM	NV	50	-5.82	-0.008	PASS
Band12	3	23095	15	#0	QPSK	NV	-30	1.30	0.002	PASS
Band12	3	23095	15	#0	QPSK	NV	-20	0.87	0.001	PASS
Band12	3	23095	15	#0	QPSK	NV	0	3.86	0.005	PASS
Band12	3	23095	15	#0	QPSK	NV	10	0.63	0.001	PASS
Band12	3	23095	15	#0	QPSK	NV	20	2.07	0.003	PASS
Band12	3	23095	15	#0	QPSK	NV	30	-1.83	-0.003	PASS
Band12	3	23095	15	#0	QPSK	NV	40	-2.03	-0.003	PASS
Band12	3	23095	15	#0	QPSK	NV	50	-0.36	-0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	-30	1.75	0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	-20	2.53	0.004	PASS
Band12	3	23095	15	#0	16QAM	NV	0	-0.67	-0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	10	1.34	0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	20	2.75	0.004	PASS
Band12	3	23095	15	#0	16QAM	NV	30	-3.32	-0.005	PASS
Band12	3	23095	15	#0	16QAM	NV	40	1.43	0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	50	-2.00	-0.003	PASS
Band12	3	23165	15	#0	QPSK	NV	-30	-3.46	-0.005	PASS
Band12	3	23165	15	#0	QPSK	NV	-20	-0.99	-0.001	PASS
Band12	3	23165	15	#0	QPSK	NV	0	0.20	0.000	PASS
Band12	3	23165	15	#0	QPSK	NV	10	-2.96	-0.004	PASS
Band12	3	23165	15	#0	QPSK	NV	20	-2.26	-0.003	PASS
Band12	3	23165	15	#0	QPSK	NV	30	0.62	0.001	PASS
Band12	3	23165	15	#0	QPSK	NV	40	-3.93	-0.006	PASS
Band12	3	23165	15	#0	QPSK	NV	50	-2.23	-0.003	PASS
Band12	3	23165	15	#0	16QAM	NV	-30	0.13	0.000	PASS
Band12	3	23165	15	#0	16QAM	NV	-20	-0.04	0.000	PASS
Band12	3	23165	15	#0	16QAM	NV	0	-2.66	-0.004	PASS
Band12	3	23165	15	#0	16QAM	NV	10	0.23	0.000	PASS

Band12	3	23165	15	#0	16QAM	NV	20	0.39	0.001	PASS
Band12	3	23165	15	#0	16QAM	NV	30	-0.90	-0.001	PASS
Band12	3	23165	15	#0	16QAM	NV	40	-4.29	-0.006	PASS
Band12	3	23165	15	#0	16QAM	NV	50	-1.65	-0.002	PASS
Band12	5	23035	25	#0	QPSK	NV	-30	-1.43	-0.002	PASS
Band12	5	23035	25	#0	QPSK	NV	-20	-0.60	-0.001	PASS
Band12	5	23035	25	#0	QPSK	NV	0	0.76	0.001	PASS
Band12	5	23035	25	#0	QPSK	NV	10	0.77	0.001	PASS
Band12	5	23035	25	#0	QPSK	NV	20	-1.43	-0.002	PASS
Band12	5	23035	25	#0	QPSK	NV	30	-0.09	0.000	PASS
Band12	5	23035	25	#0	QPSK	NV	40	-4.29	-0.006	PASS
Band12	5	23035	25	#0	QPSK	NV	50	-1.87	-0.003	PASS
Band12	5	23035	25	#0	16QAM	NV	-30	-0.79	-0.001	PASS
Band12	5	23035	25	#0	16QAM	NV	-20	0.30	0.000	PASS
Band12	5	23035	25	#0	16QAM	NV	0	0.51	0.001	PASS
Band12	5	23035	25	#0	16QAM	NV	10	0.41	0.001	PASS
Band12	5	23035	25	#0	16QAM	NV	20	2.22	0.003	PASS
Band12	5	23035	25	#0	16QAM	NV	30	1.40	0.002	PASS
Band12	5	23035	25	#0	16QAM	NV	40	-2.79	-0.004	PASS
Band12	5	23035	25	#0	16QAM	NV	50	-4.41	-0.006	PASS
Band12	5	23095	25	#0	QPSK	NV	-30	0.31	0.000	PASS
Band12	5	23095	25	#0	QPSK	NV	-20	-3.76	-0.005	PASS
Band12	5	23095	25	#0	QPSK	NV	0	-4.61	-0.007	PASS
Band12	5	23095	25	#0	QPSK	NV	10	-1.76	-0.002	PASS
Band12	5	23095	25	#0	QPSK	NV	20	-0.74	-0.001	PASS
Band12	5	23095	25	#0	QPSK	NV	30	-0.62	-0.001	PASS
Band12	5	23095	25	#0	QPSK	NV	40	0.50	0.001	PASS
Band12	5	23095	25	#0	QPSK	NV	50	0.69	0.001	PASS
Band12	5	23095	25	#0	16QAM	NV	-30	-1.17	-0.002	PASS
Band12	5	23095	25	#0	16QAM	NV	-20	-1.66	-0.002	PASS
Band12	5	23095	25	#0	16QAM	NV	0	-1.43	-0.002	PASS
Band12	5	23095	25	#0	16QAM	NV	10	-4.58	-0.006	PASS
Band12	5	23095	25	#0	16QAM	NV	20	-3.86	-0.005	PASS
Band12	5	23095	25	#0	16QAM	NV	30	-1.00	-0.001	PASS
Band12	5	23095	25	#0	16QAM	NV	40	-1.73	-0.002	PASS
Band12	5	23095	25	#0	16QAM	NV	50	0.53	0.001	PASS
Band12	5	23155	25	#0	QPSK	NV	-30	-2.89	-0.004	PASS
Band12	5	23155	25	#0	QPSK	NV	-20	-2.55	-0.004	PASS
Band12	5	23155	25	#0	QPSK	NV	0	-0.63	-0.001	PASS
Band12	5	23155	25	#0	QPSK	NV	10	-1.16	-0.002	PASS
Band12	5	23155	25	#0	QPSK	NV	20	-5.01	-0.007	PASS
Band12	5	23155	25	#0	QPSK	NV	30	-3.05	-0.004	PASS
Band12	5	23155	25	#0	QPSK	NV	40	1.16	0.002	PASS

Band12	5	23155	25	#0	QPSK	NV	50	-4.71	-0.007	PASS
Band12	5	23155	25	#0	16QAM	NV	-30	-7.05	-0.010	PASS
Band12	5	23155	25	#0	16QAM	NV	-20	-7.77	-0.011	PASS
Band12	5	23155	25	#0	16QAM	NV	0	-1.96	-0.003	PASS
Band12	5	23155	25	#0	16QAM	NV	10	-4.86	-0.007	PASS
Band12	5	23155	25	#0	16QAM	NV	20	-8.51	-0.012	PASS
Band12	5	23155	25	#0	16QAM	NV	30	-7.37	-0.010	PASS
Band12	5	23155	25	#0	16QAM	NV	40	1.33	0.002	PASS
Band12	5	23155	25	#0	16QAM	NV	50	-3.93	-0.006	PASS
Band12	10	23060	50	#0	QPSK	NV	-30	-2.79	-0.004	PASS
Band12	10	23060	50	#0	QPSK	NV	-20	-1.70	-0.002	PASS
Band12	10	23060	50	#0	QPSK	NV	0	0.92	0.001	PASS
Band12	10	23060	50	#0	QPSK	NV	10	-1.42	-0.002	PASS
Band12	10	23060	50	#0	QPSK	NV	20	2.36	0.003	PASS
Band12	10	23060	50	#0	QPSK	NV	30	-2.75	-0.004	PASS
Band12	10	23060	50	#0	QPSK	NV	40	-0.16	0.000	PASS
Band12	10	23060	50	#0	QPSK	NV	50	2.07	0.003	PASS
Band12	10	23060	50	#0	16QAM	NV	-30	-4.84	-0.007	PASS
Band12	10	23060	50	#0	16QAM	NV	-20	0.00	0.000	PASS
Band12	10	23060	50	#0	16QAM	NV	0	-3.88	-0.006	PASS
Band12	10	23060	50	#0	16QAM	NV	10	0.10	0.000	PASS
Band12	10	23060	50	#0	16QAM	NV	20	-0.30	0.000	PASS
Band12	10	23060	50	#0	16QAM	NV	30	-3.25	-0.005	PASS
Band12	10	23060	50	#0	16QAM	NV	40	-2.95	-0.004	PASS
Band12	10	23060	50	#0	16QAM	NV	50	-1.67	-0.002	PASS
Band12	10	23095	50	#0	QPSK	NV	-30	-2.93	-0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	-20	0.04	0.000	PASS
Band12	10	23095	50	#0	QPSK	NV	0	-3.16	-0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	10	-2.13	-0.003	PASS
Band12	10	23095	50	#0	QPSK	NV	20	-2.30	-0.003	PASS
Band12	10	23095	50	#0	QPSK	NV	30	1.47	0.002	PASS
Band12	10	23095	50	#0	QPSK	NV	40	-3.38	-0.005	PASS
Band12	10	23095	50	#0	QPSK	NV	50	-1.83	-0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	-30	-4.31	-0.006	PASS
Band12	10	23095	50	#0	16QAM	NV	-20	-1.69	-0.002	PASS
Band12	10	23095	50	#0	16QAM	NV	0	-1.73	-0.002	PASS
Band12	10	23095	50	#0	16QAM	NV	10	-2.02	-0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	20	-1.53	-0.002	PASS
Band12	10	23095	50	#0	16QAM	NV	30	2.17	0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	40	-3.35	-0.005	PASS
Band12	10	23095	50	#0	16QAM	NV	50	-3.03	-0.004	PASS
Band12	10	23130	50	#0	QPSK	NV	-30	-1.30	-0.002	PASS
Band12	10	23130	50	#0	QPSK	NV	-20	-1.75	-0.002	PASS

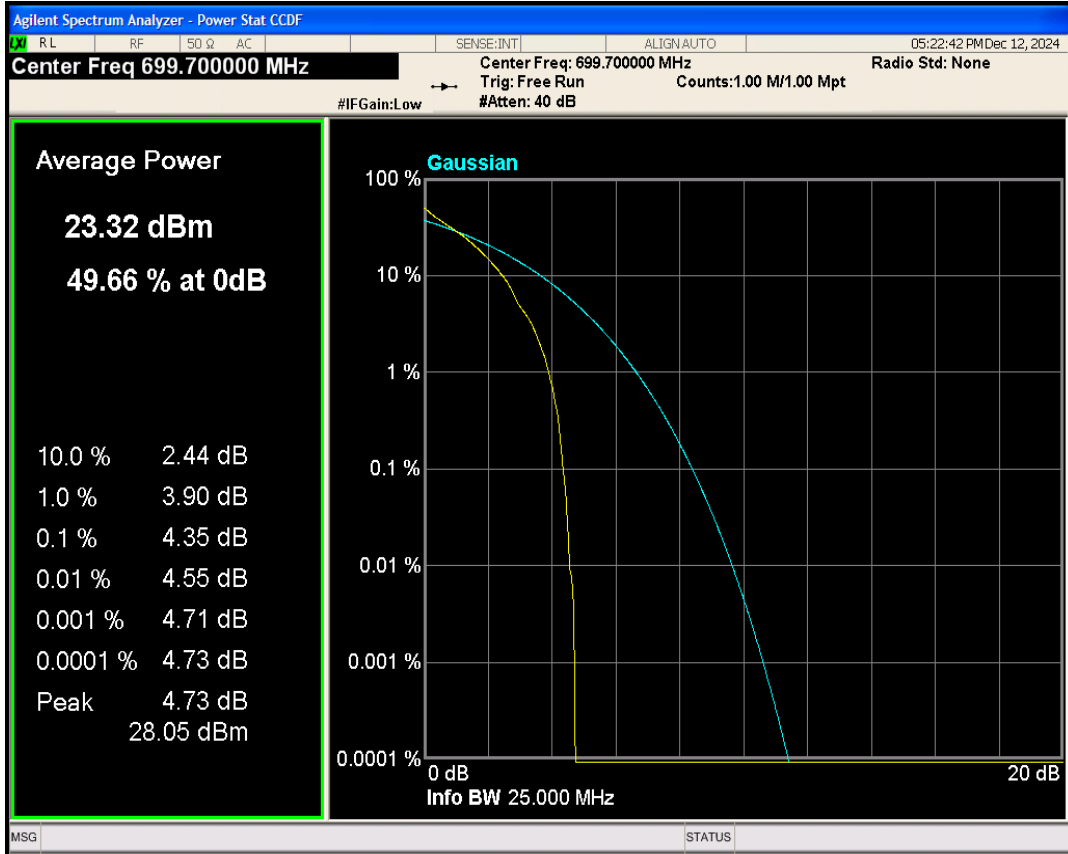
Band12	10	23130	50	#0	QPSK	NV	0	-3.85	-0.005	PASS
Band12	10	23130	50	#0	QPSK	NV	10	-3.82	-0.005	PASS
Band12	10	23130	50	#0	QPSK	NV	20	-1.92	-0.003	PASS
Band12	10	23130	50	#0	QPSK	NV	30	-3.53	-0.005	PASS
Band12	10	23130	50	#0	QPSK	NV	40	-1.53	-0.002	PASS
Band12	10	23130	50	#0	QPSK	NV	50	-1.14	-0.002	PASS
Band12	10	23130	50	#0	16QAM	NV	-30	-0.03	0.000	PASS
Band12	10	23130	50	#0	16QAM	NV	-20	-2.45	-0.003	PASS
Band12	10	23130	50	#0	16QAM	NV	0	-3.75	-0.005	PASS
Band12	10	23130	50	#0	16QAM	NV	10	-1.79	-0.003	PASS
Band12	10	23130	50	#0	16QAM	NV	20	-2.78	-0.004	PASS
Band12	10	23130	50	#0	16QAM	NV	30	-4.46	-0.006	PASS
Band12	10	23130	50	#0	16QAM	NV	40	-1.66	-0.002	PASS
Band12	10	23130	50	#0	16QAM	NV	50	-7.38	-0.010	PASS



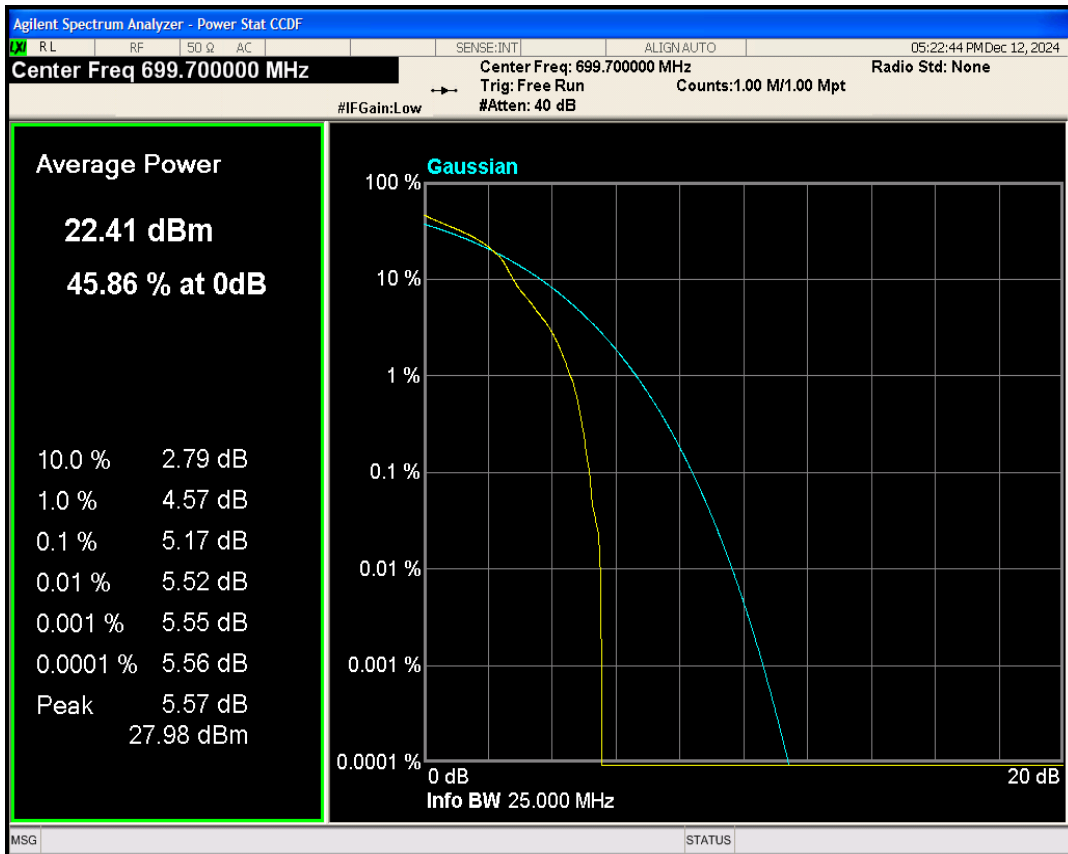
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	4.35	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.17	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.31	13	PASS
Band12	1.4	23095	1	#0	16QAM	6.09	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.27	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.18	13	PASS
Band12	3	23025	1	#0	QPSK	4.42	13	PASS
Band12	3	23025	1	#0	16QAM	5.17	13	PASS
Band12	3	23095	1	#0	QPSK	5.19	13	PASS
Band12	3	23095	1	#0	16QAM	6.18	13	PASS
Band12	3	23165	1	#0	QPSK	3.99	13	PASS
Band12	3	23165	1	#0	16QAM	4.91	13	PASS
Band12	5	23035	1	#0	QPSK	4.51	13	PASS
Band12	5	23035	1	#0	16QAM	5.12	13	PASS
Band12	5	23095	1	#0	QPSK	5.36	13	PASS
Band12	5	23095	1	#0	16QAM	5.82	13	PASS
Band12	5	23155	1	#0	QPSK	4.41	13	PASS
Band12	5	23155	1	#0	16QAM	5.06	13	PASS
Band12	10	23060	1	#0	QPSK	4.33	13	PASS
Band12	10	23060	1	#0	16QAM	5.21	13	PASS
Band12	10	23095	1	#0	QPSK	4.78	13	PASS
Band12	10	23095	1	#0	16QAM	5.85	13	PASS
Band12	10	23130	1	#0	QPSK	4.98	13	PASS
Band12	10	23130	1	#0	16QAM	5.69	13	PASS

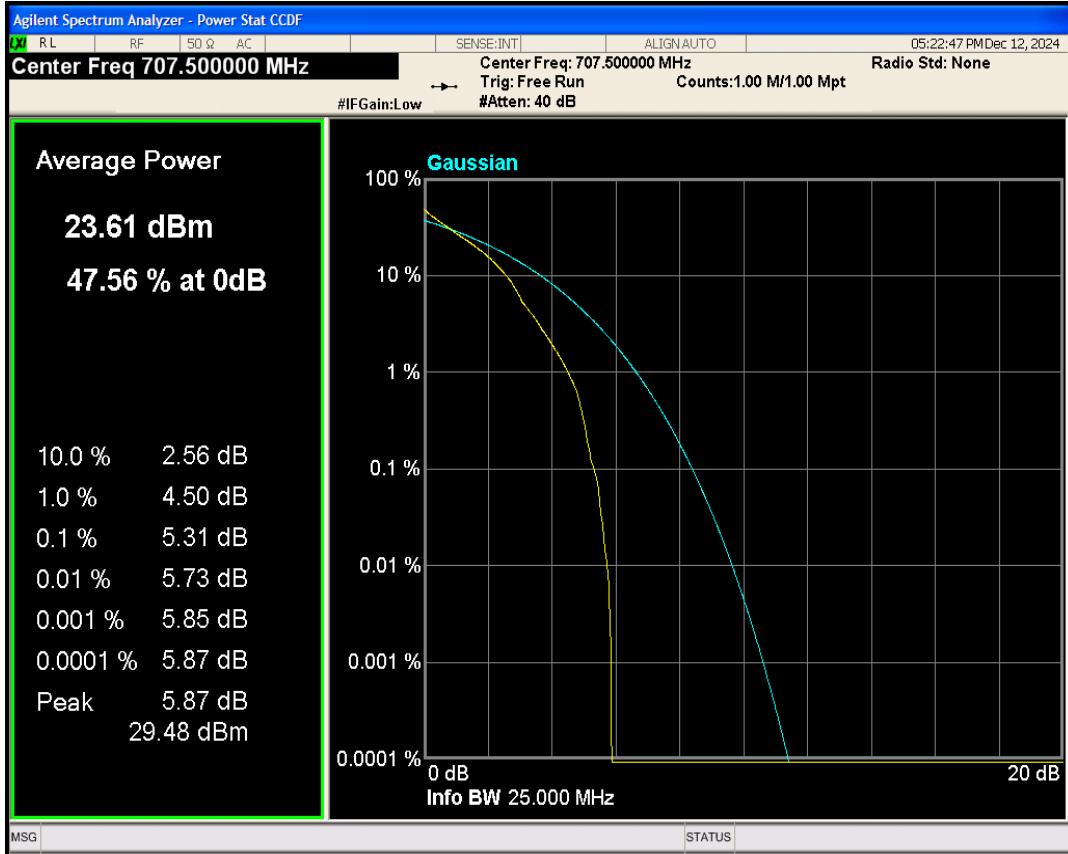
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



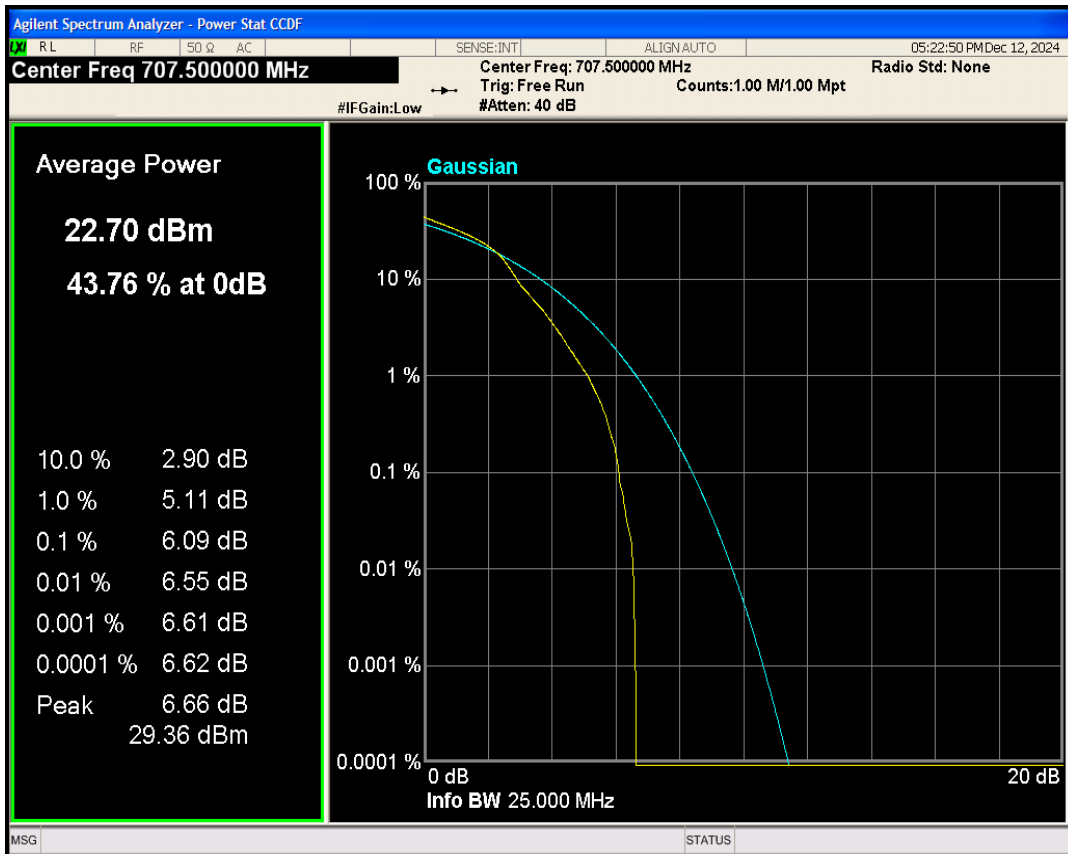
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



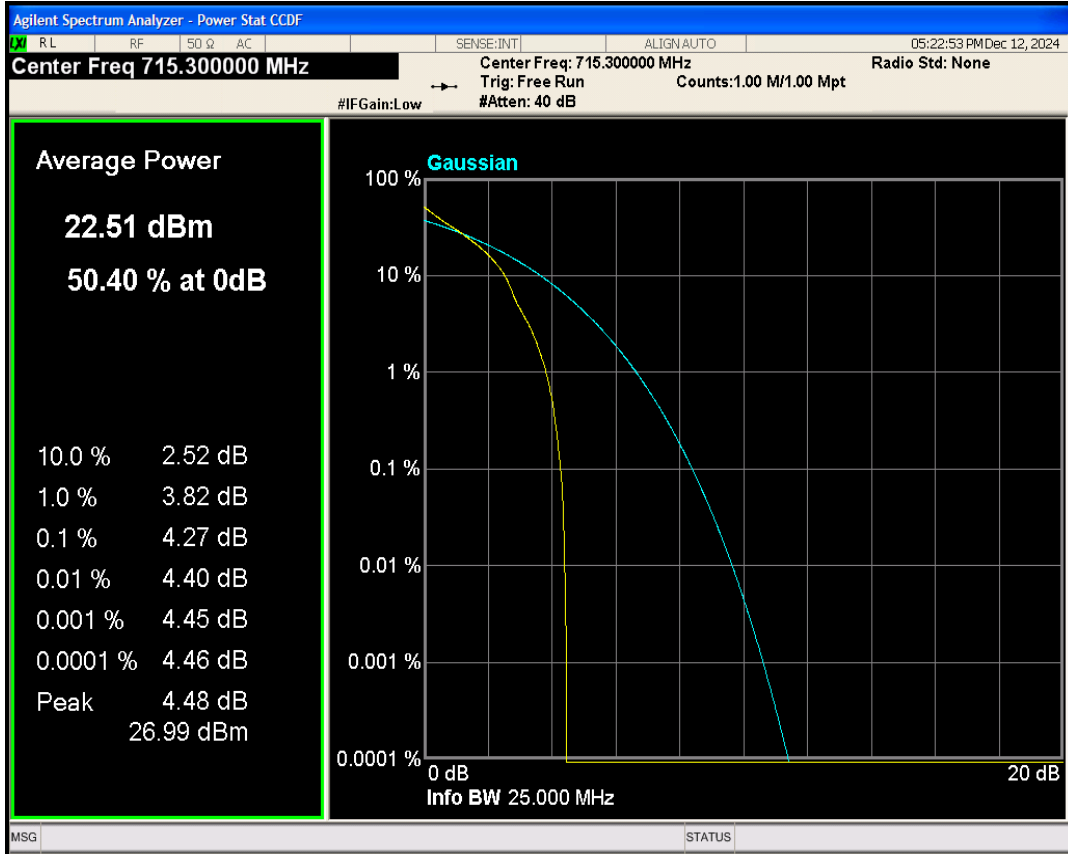
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



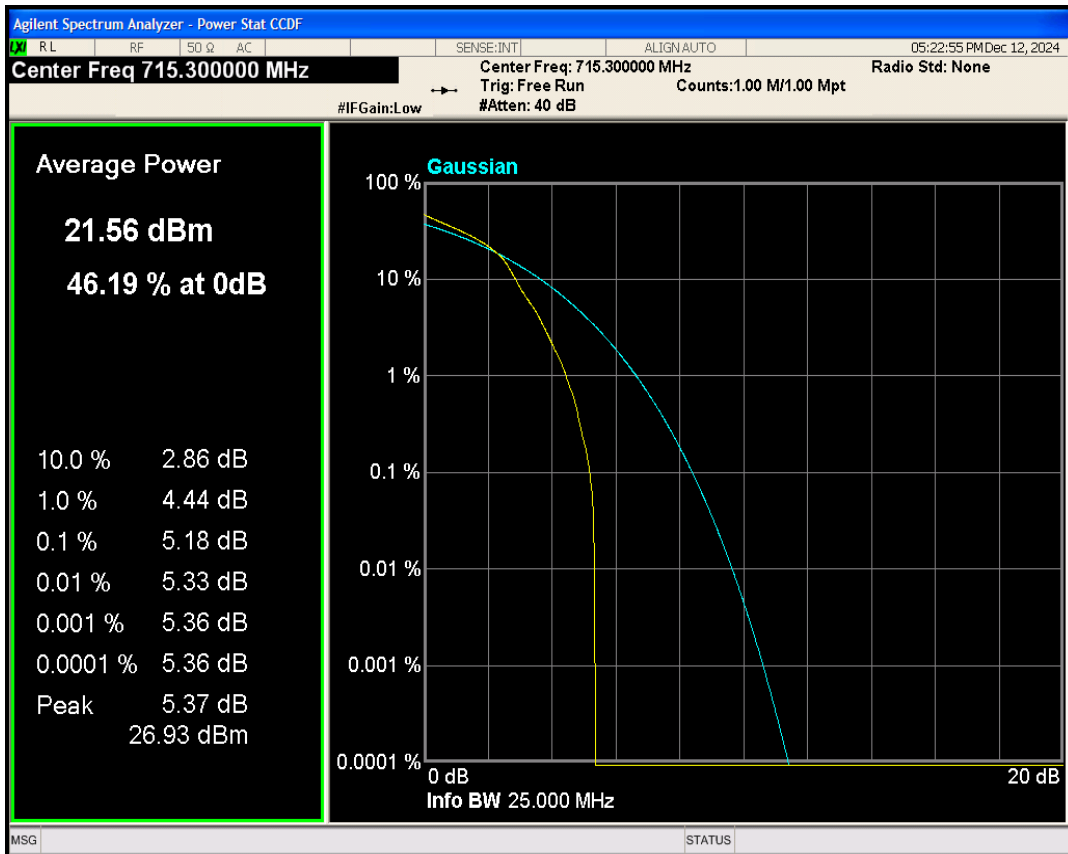
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



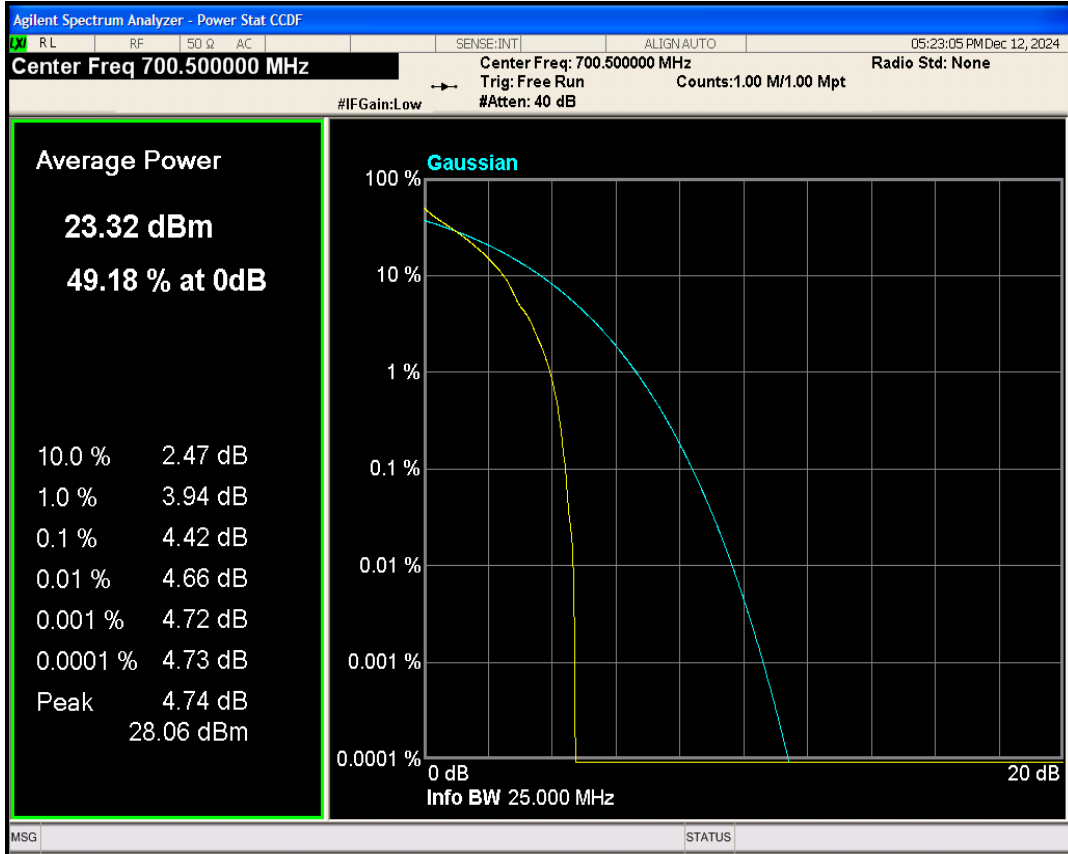
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



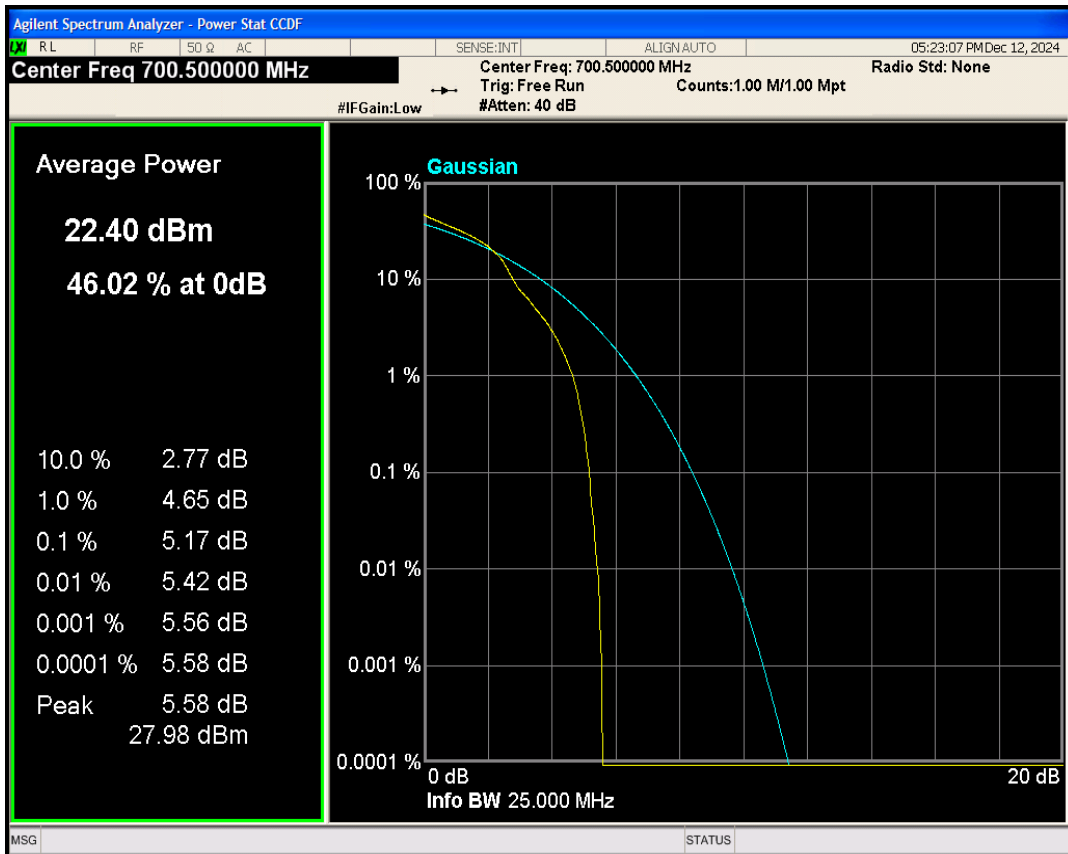
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



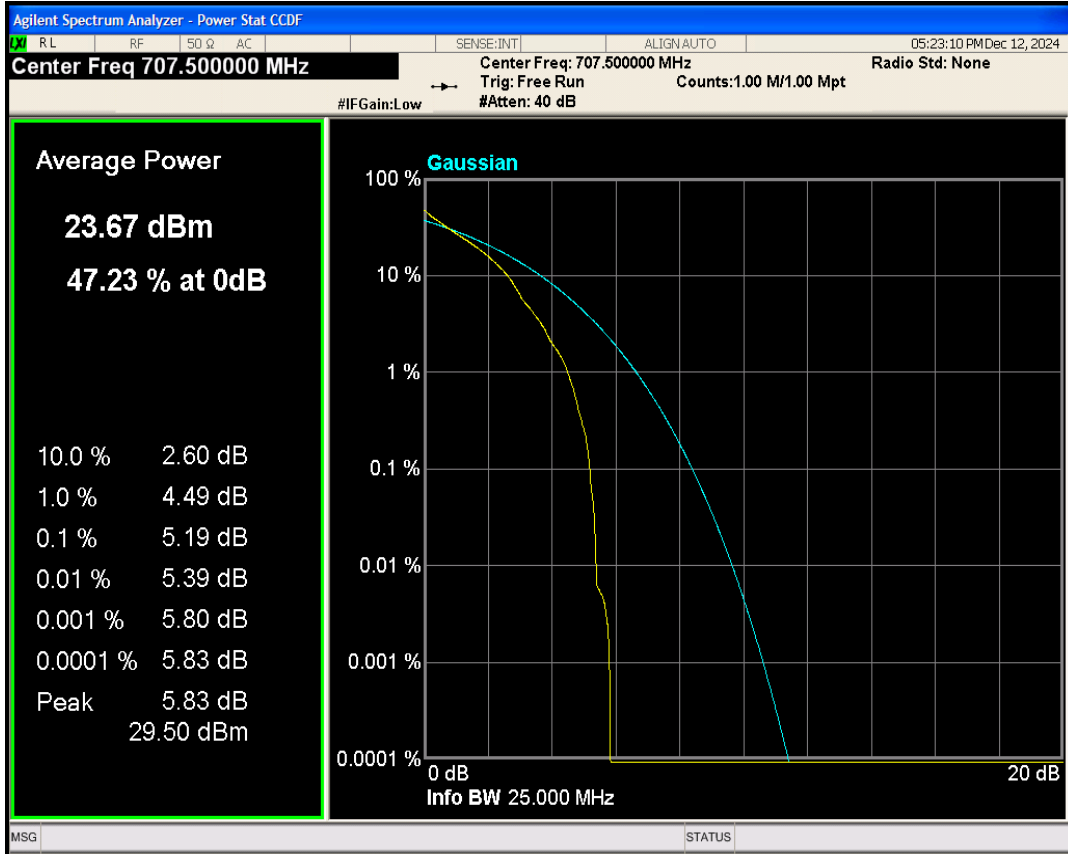
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



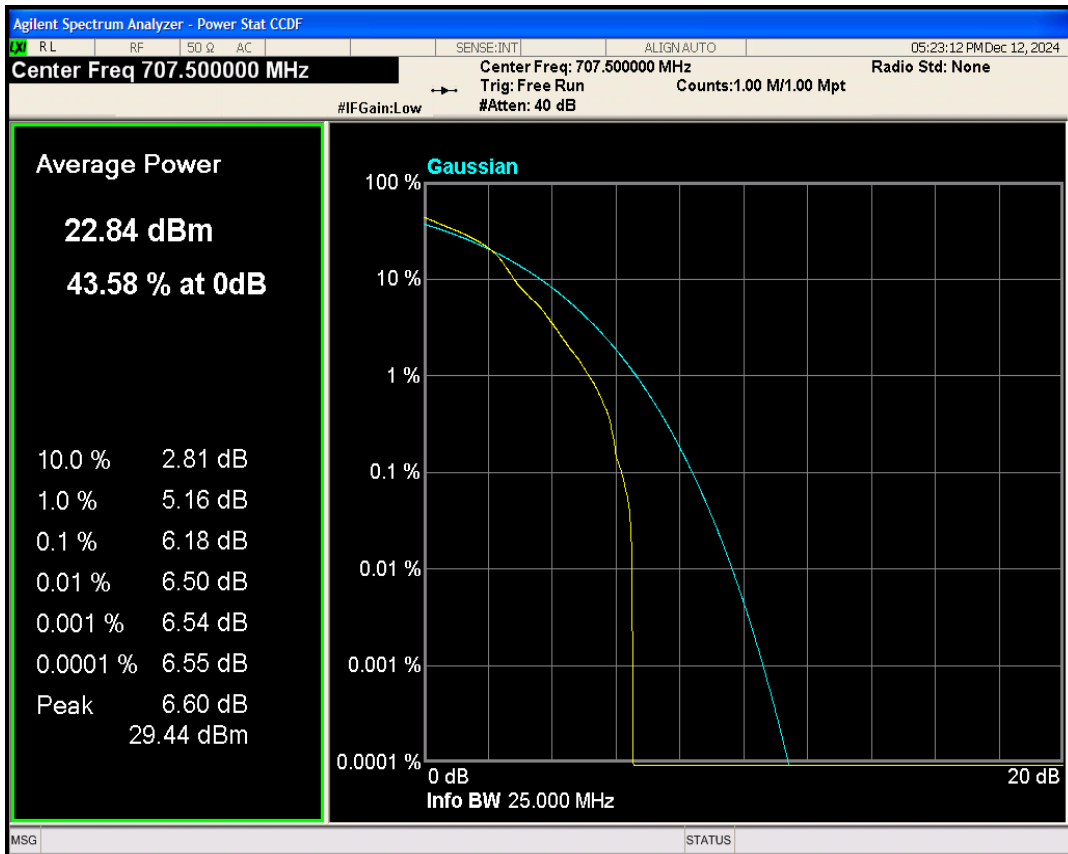
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



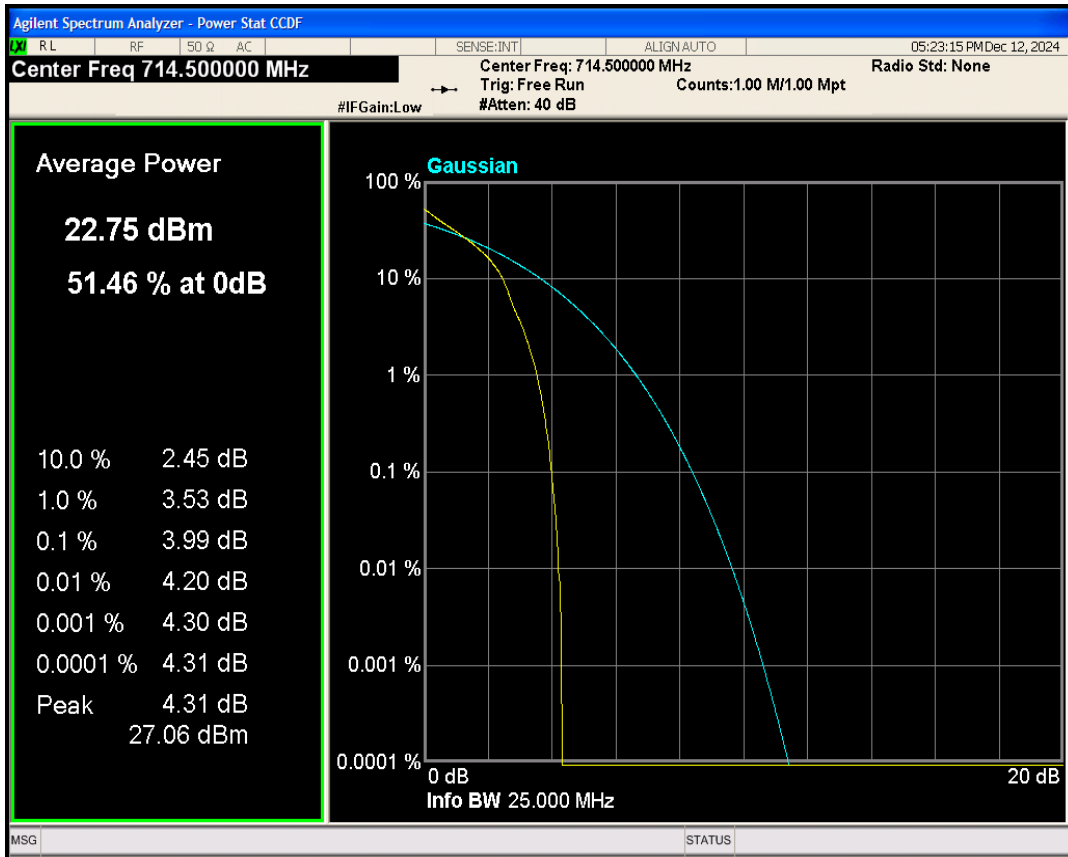
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



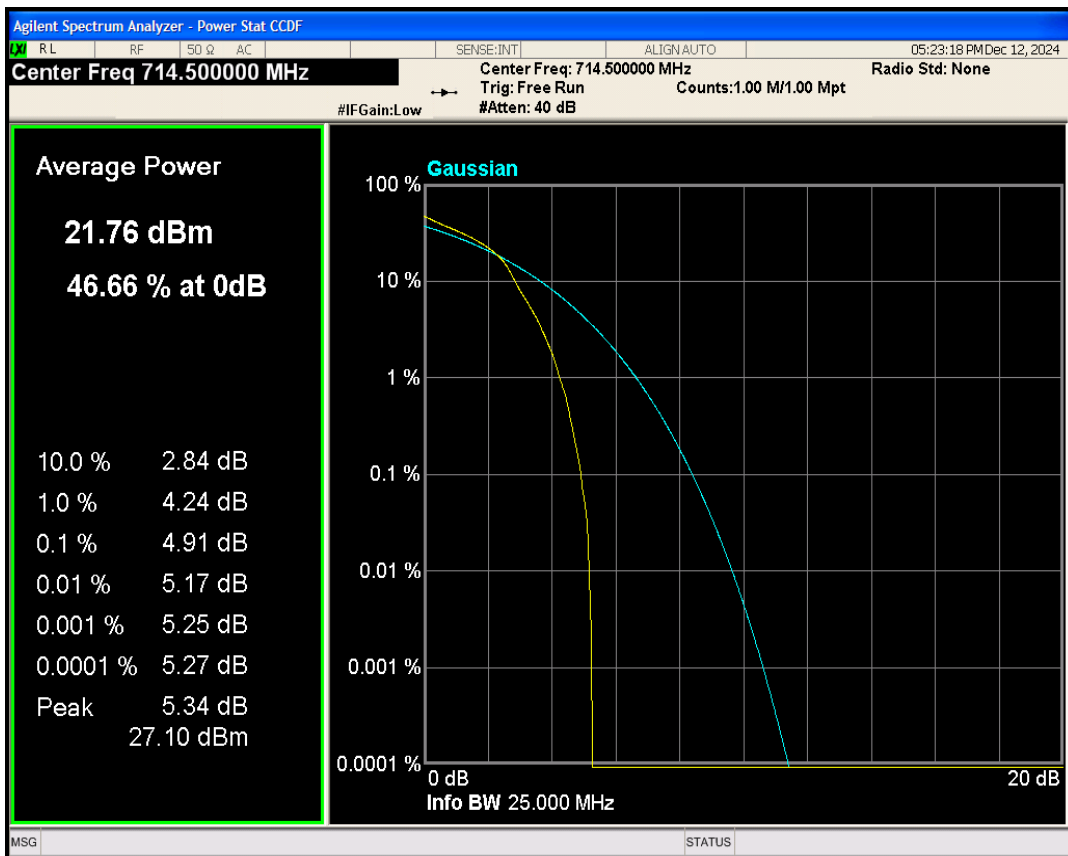
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



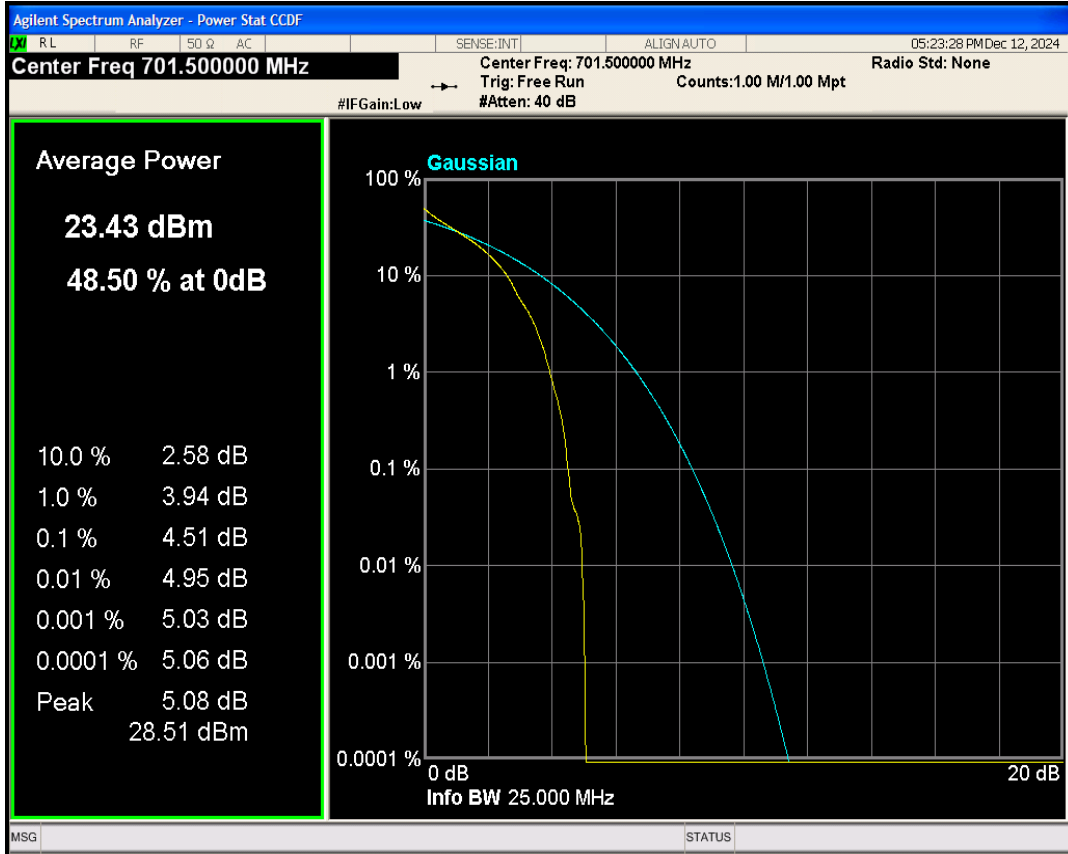
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



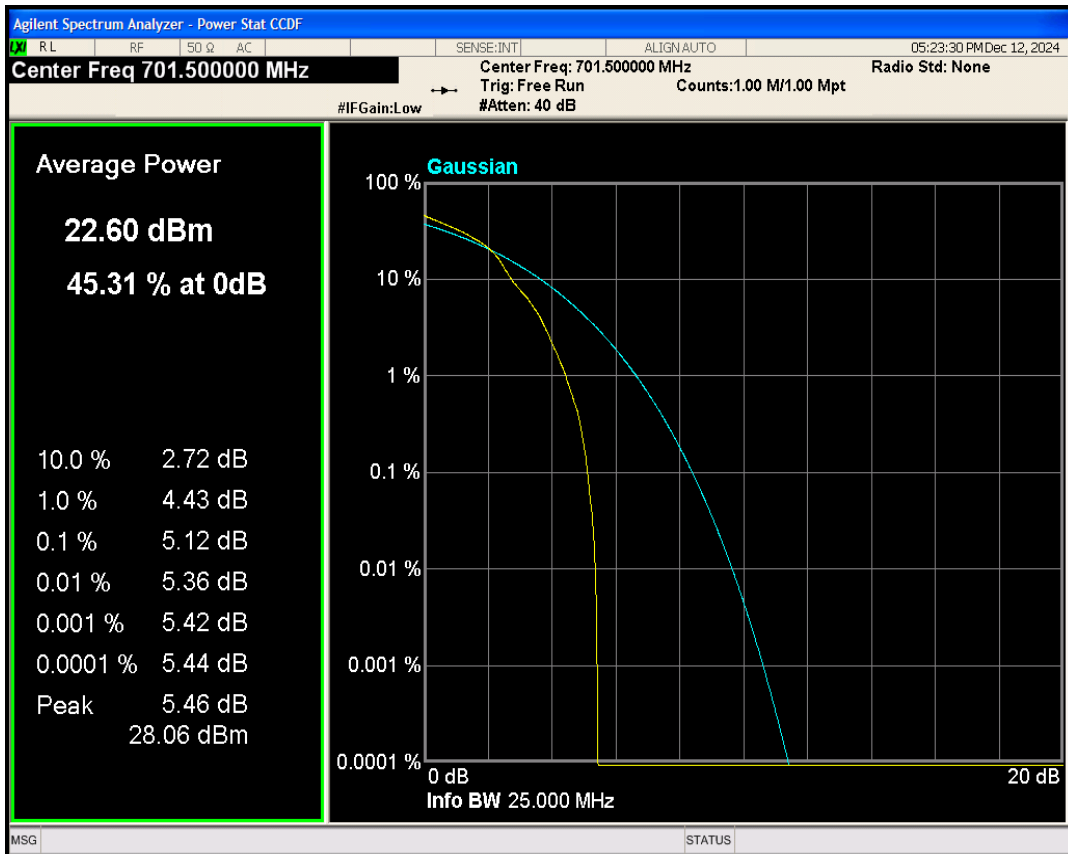
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



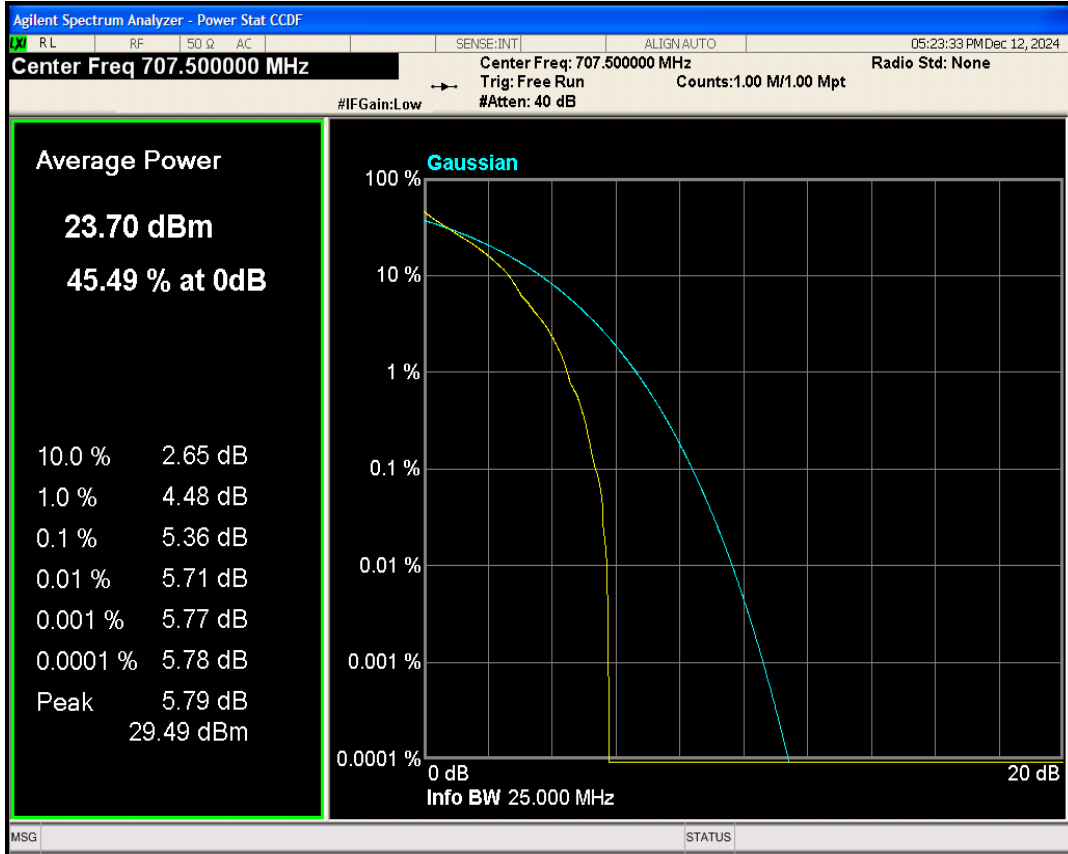
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



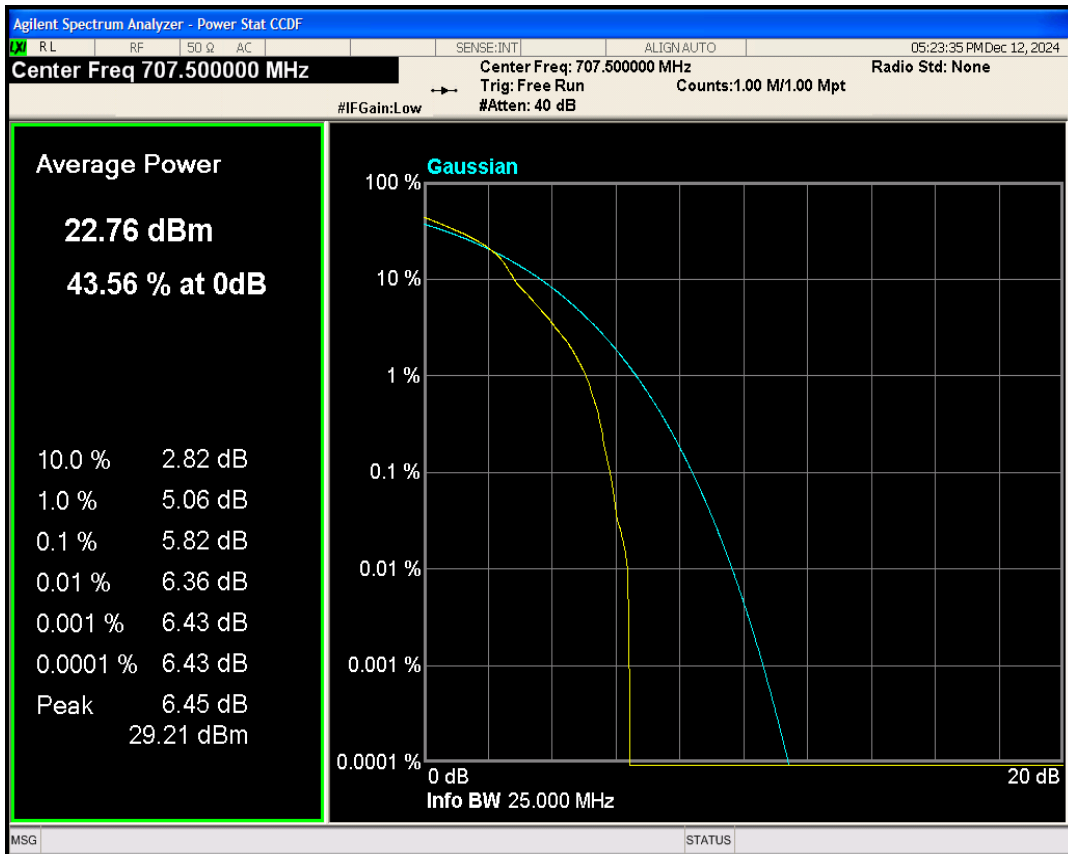
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



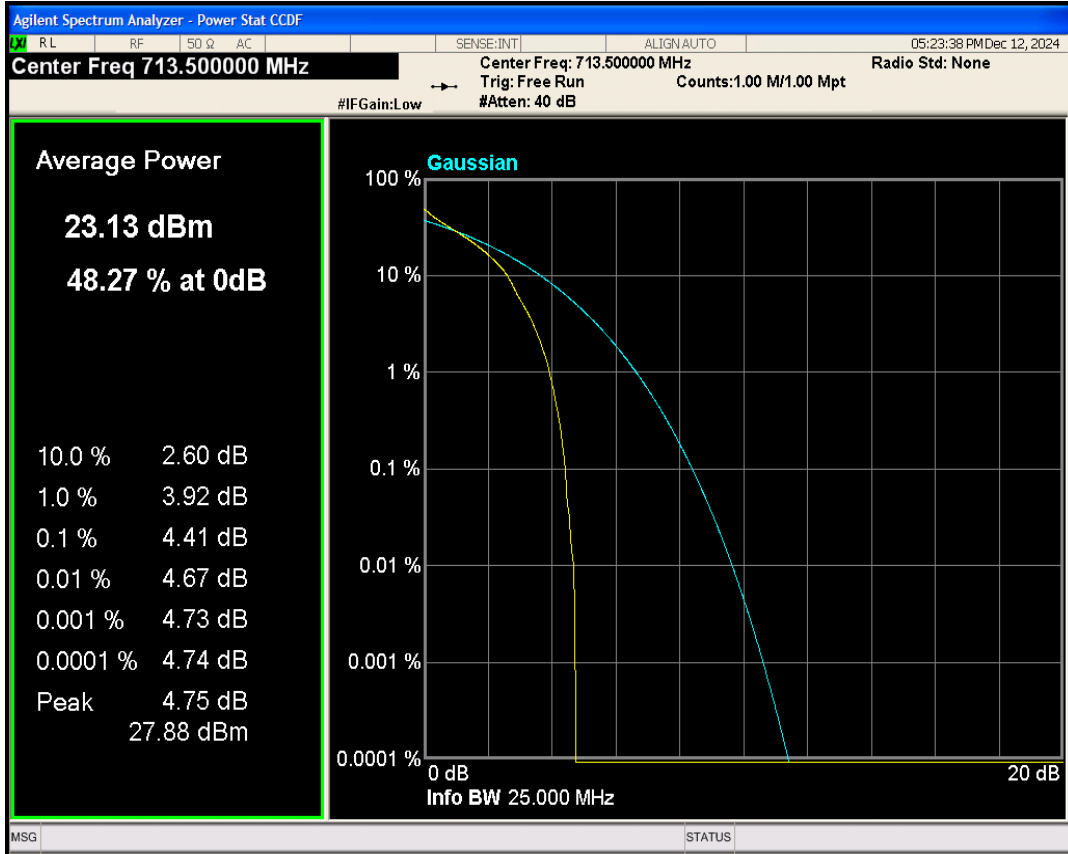
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



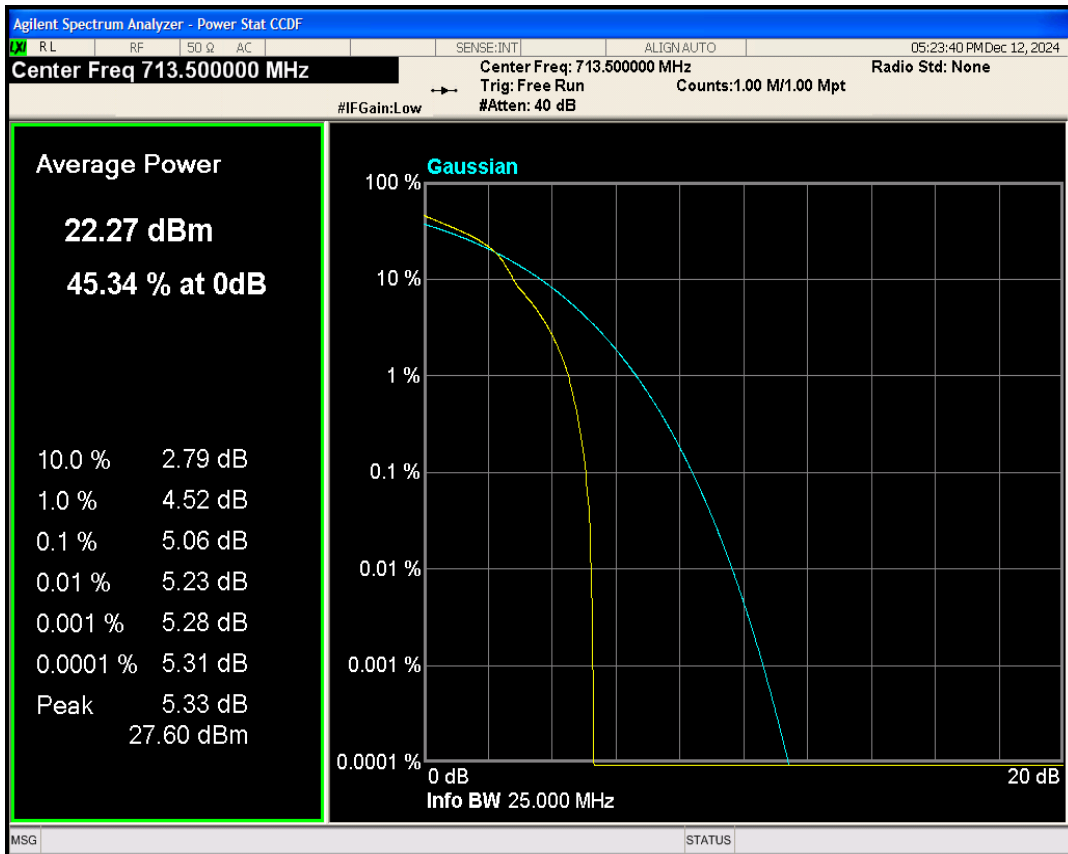
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



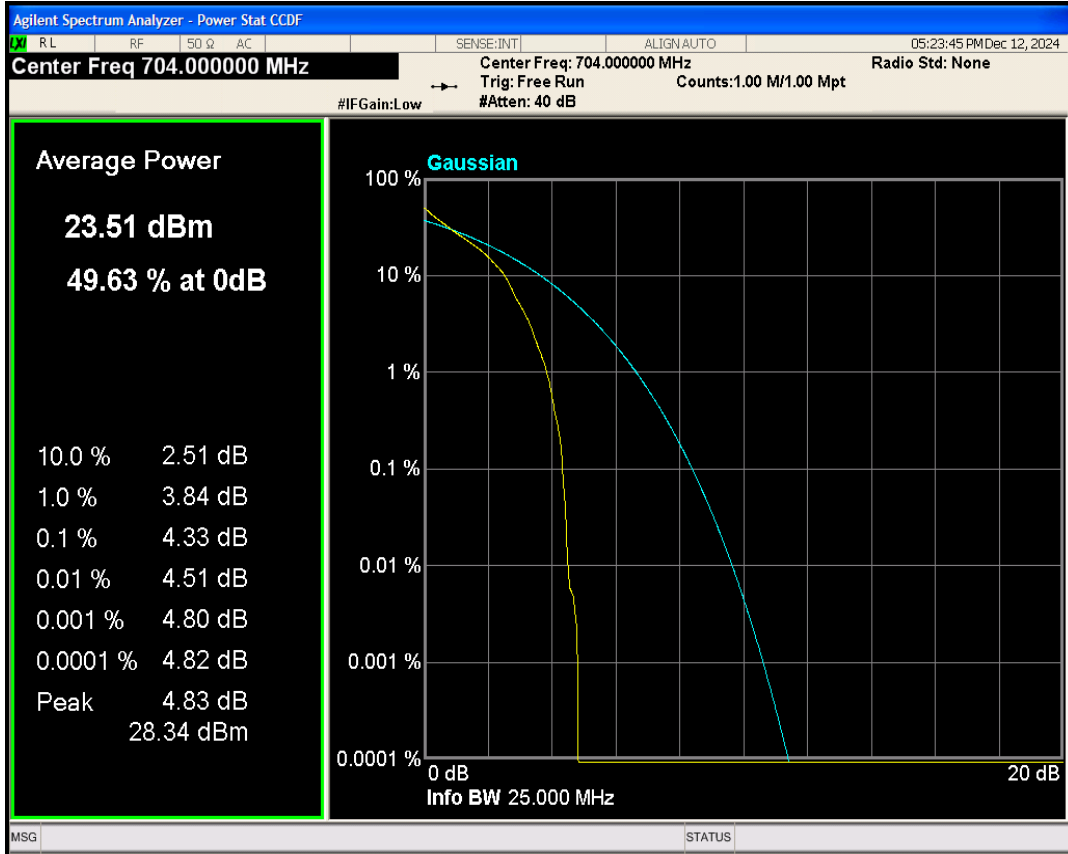
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



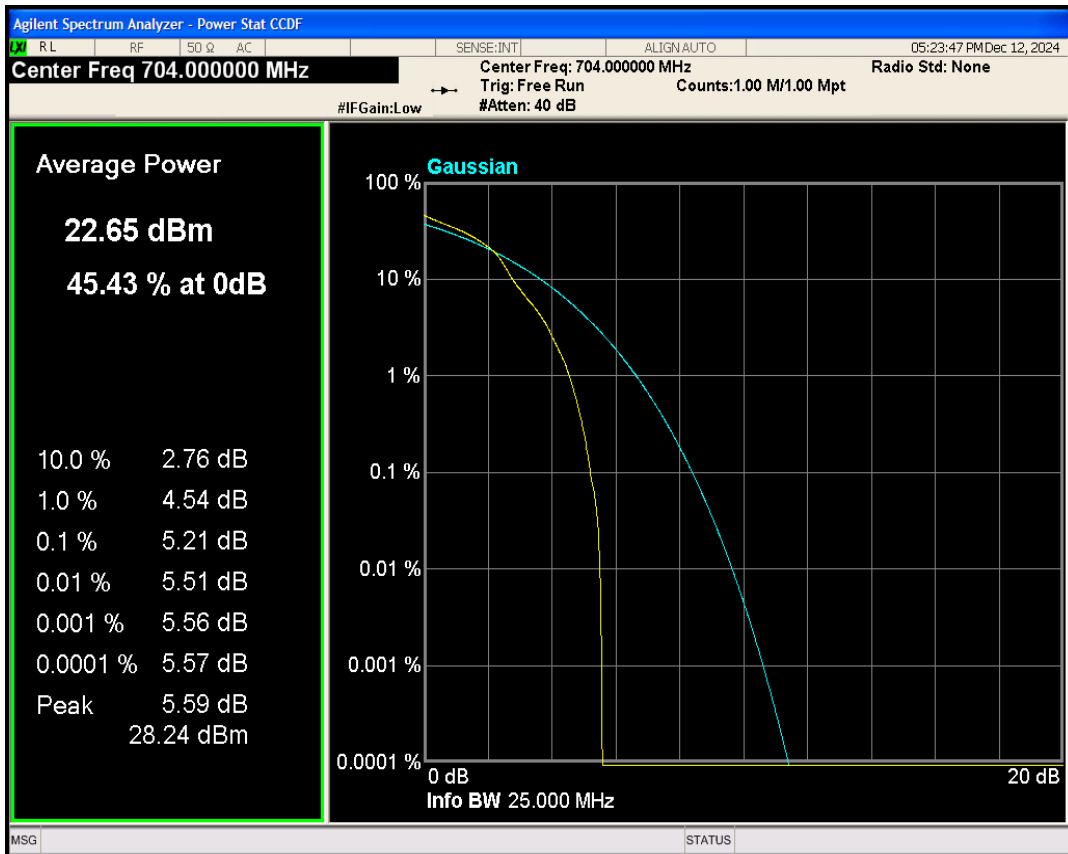
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



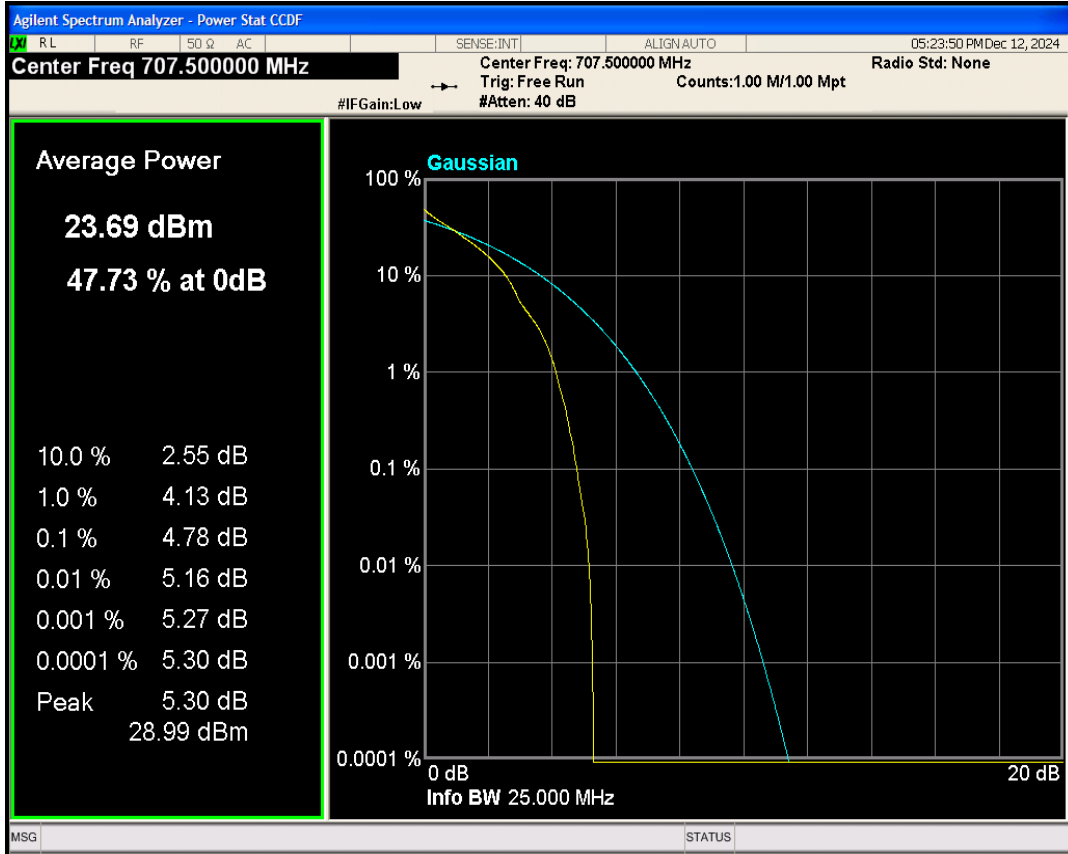
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



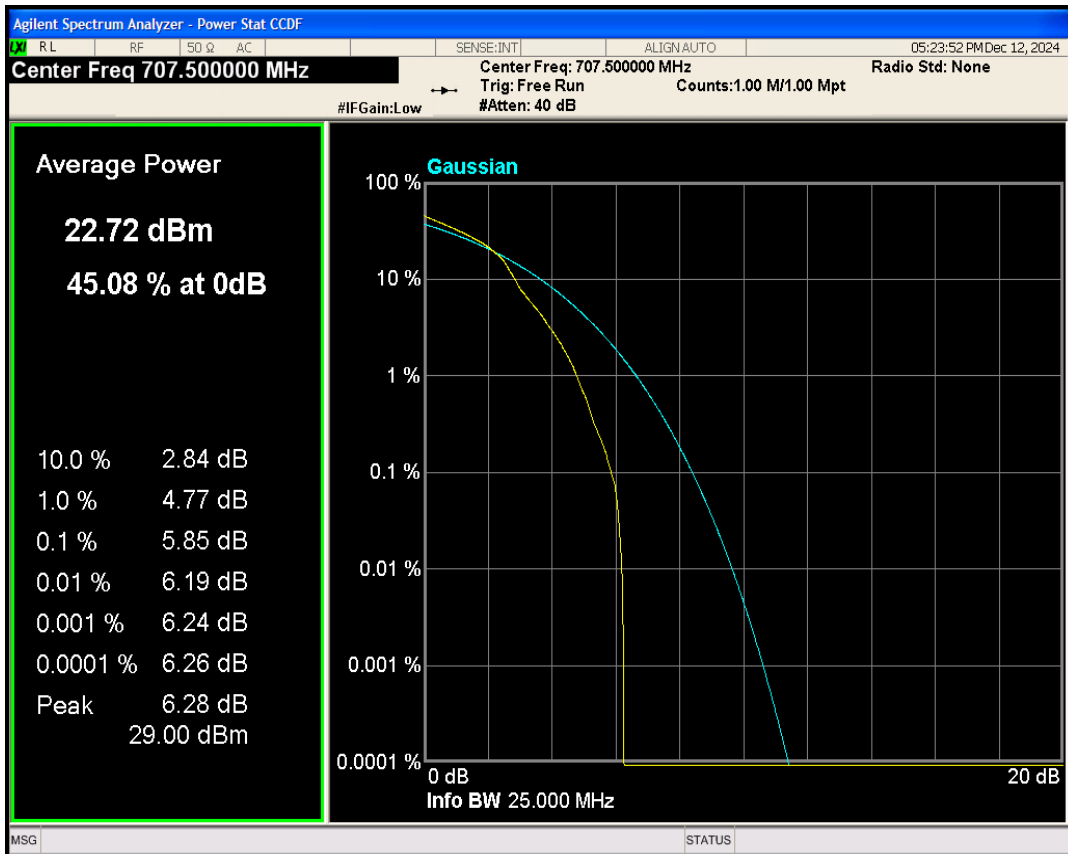
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



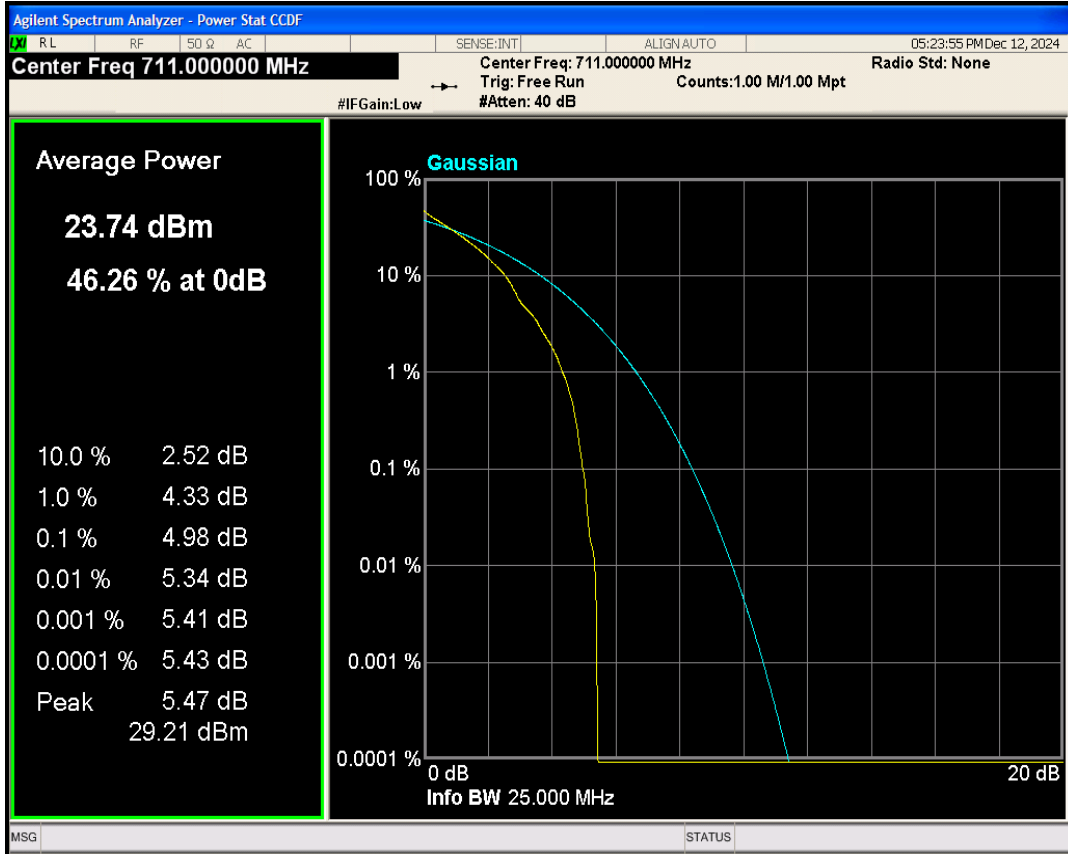
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



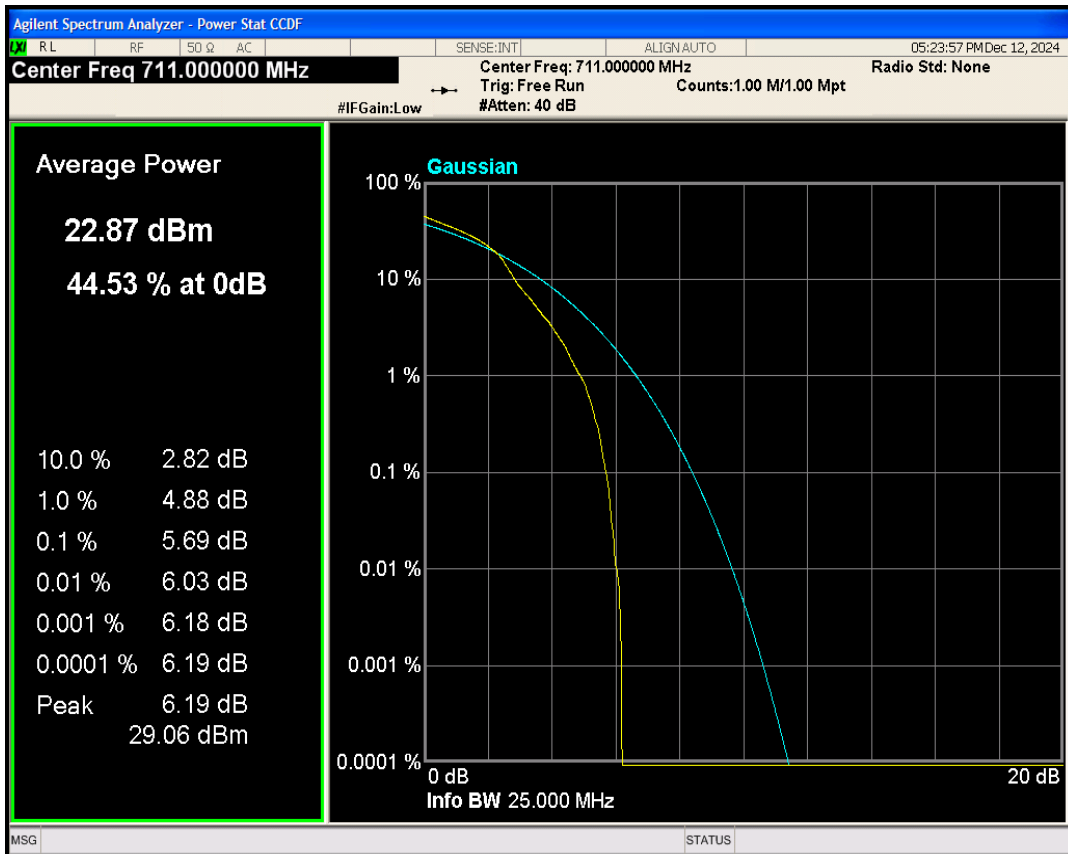
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



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



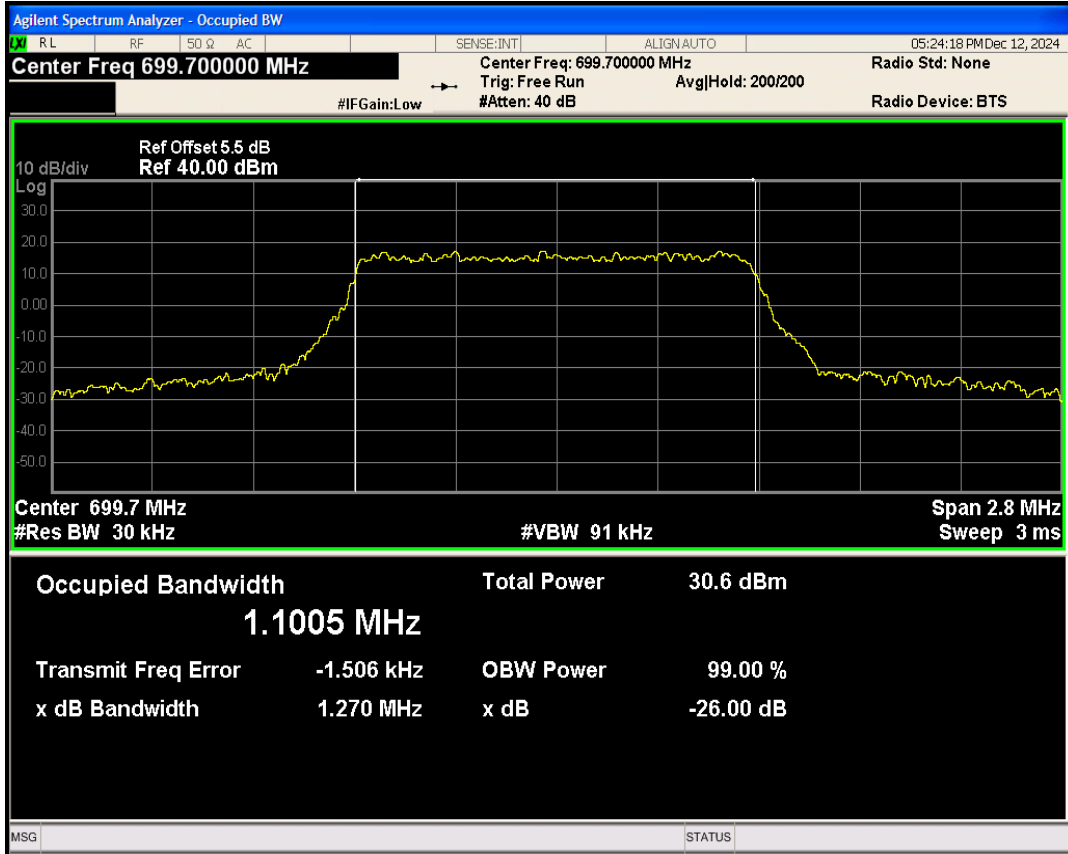
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



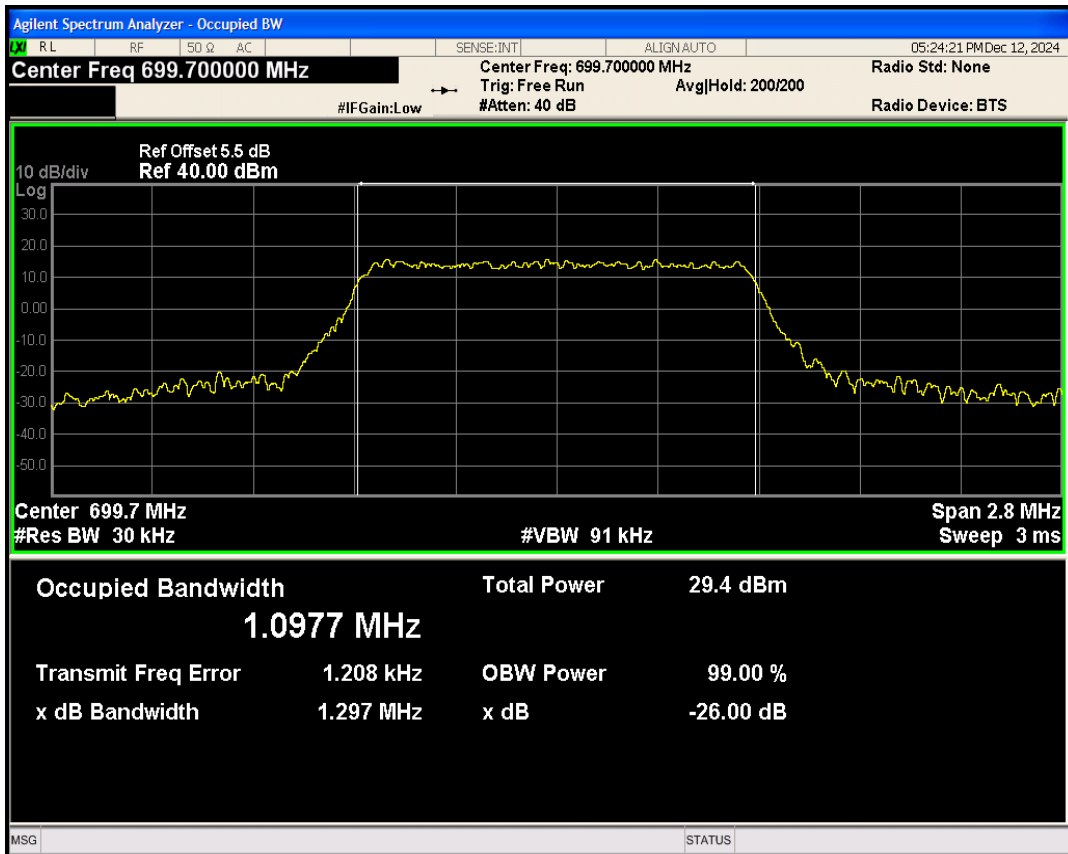
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.101	1.270	PASS
Band12	1.4	23017	6	#0	16QAM	1.098	1.297	PASS
Band12	1.4	23095	6	#0	QPSK	1.098	1.289	PASS
Band12	1.4	23095	6	#0	16QAM	1.098	1.318	PASS
Band12	1.4	23173	6	#0	QPSK	1.093	1.307	PASS
Band12	1.4	23173	6	#0	16QAM	1.091	1.264	PASS
Band12	3	23025	15	#0	QPSK	2.696	2.957	PASS
Band12	3	23025	15	#0	16QAM	2.698	2.964	PASS
Band12	3	23095	15	#0	QPSK	2.698	2.928	PASS
Band12	3	23095	15	#0	16QAM	2.692	2.946	PASS
Band12	3	23165	15	#0	QPSK	2.690	2.976	PASS
Band12	3	23165	15	#0	16QAM	2.698	2.970	PASS
Band12	5	23035	25	#0	QPSK	4.526	4.899	PASS
Band12	5	23035	25	#0	16QAM	4.497	4.951	PASS
Band12	5	23095	25	#0	QPSK	4.506	4.944	PASS
Band12	5	23095	25	#0	16QAM	4.505	4.946	PASS
Band12	5	23155	25	#0	QPSK	4.507	4.911	PASS
Band12	5	23155	25	#0	16QAM	4.528	4.925	PASS
Band12	10	23060	50	#0	QPSK	8.946	9.738	PASS
Band12	10	23060	50	#0	16QAM	8.972	9.735	PASS
Band12	10	23095	50	#0	QPSK	8.953	9.634	PASS
Band12	10	23095	50	#0	16QAM	8.956	9.730	PASS
Band12	10	23130	50	#0	QPSK	8.979	9.719	PASS
Band12	10	23130	50	#0	16QAM	8.969	9.776	PASS

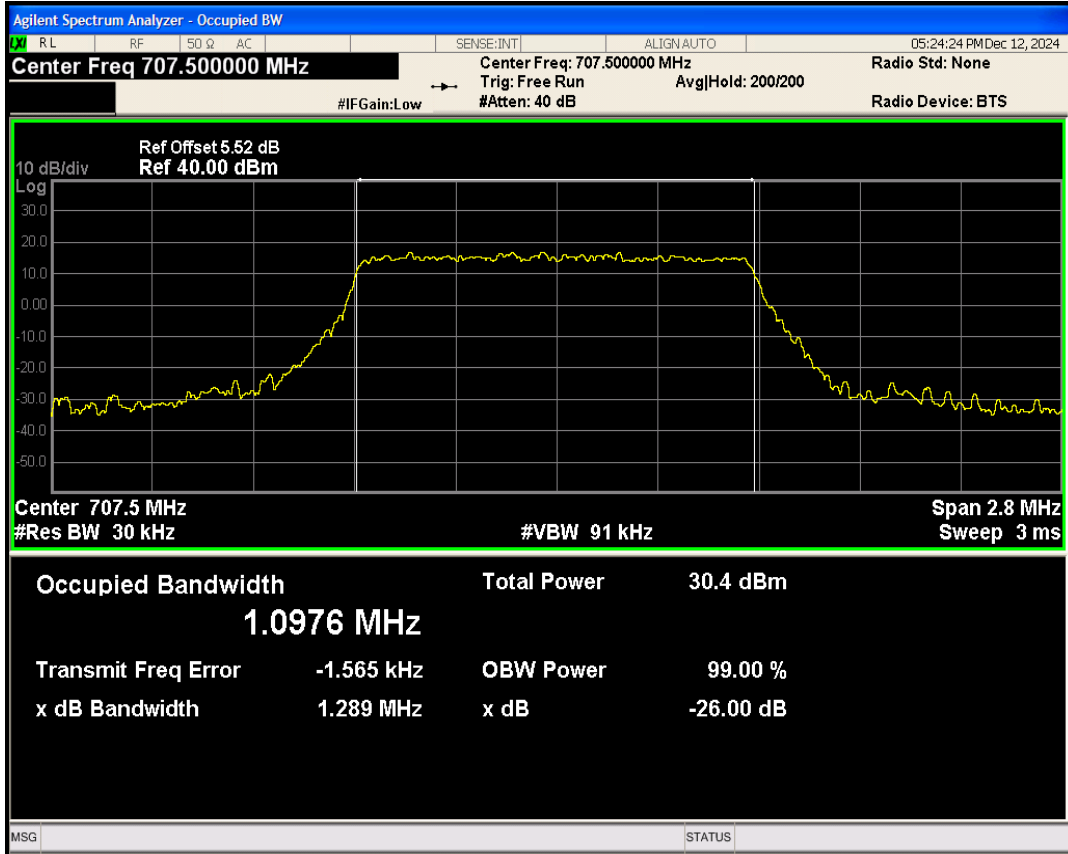
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



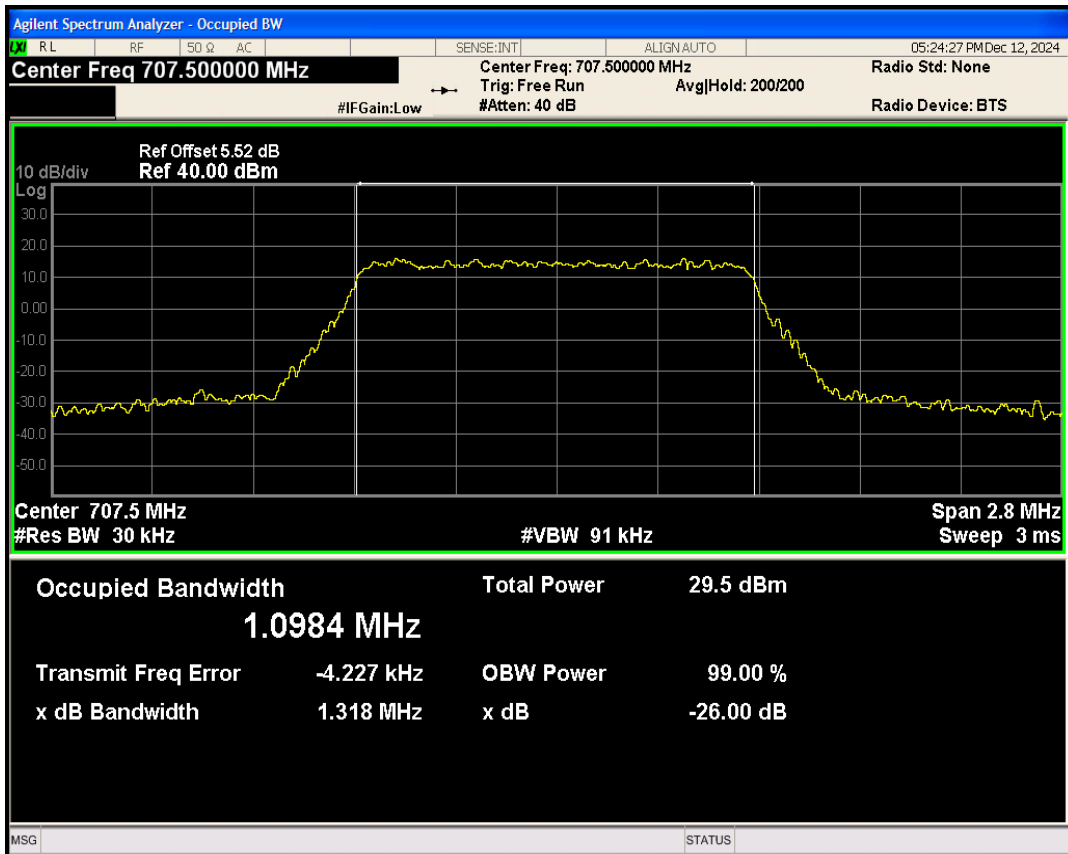
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



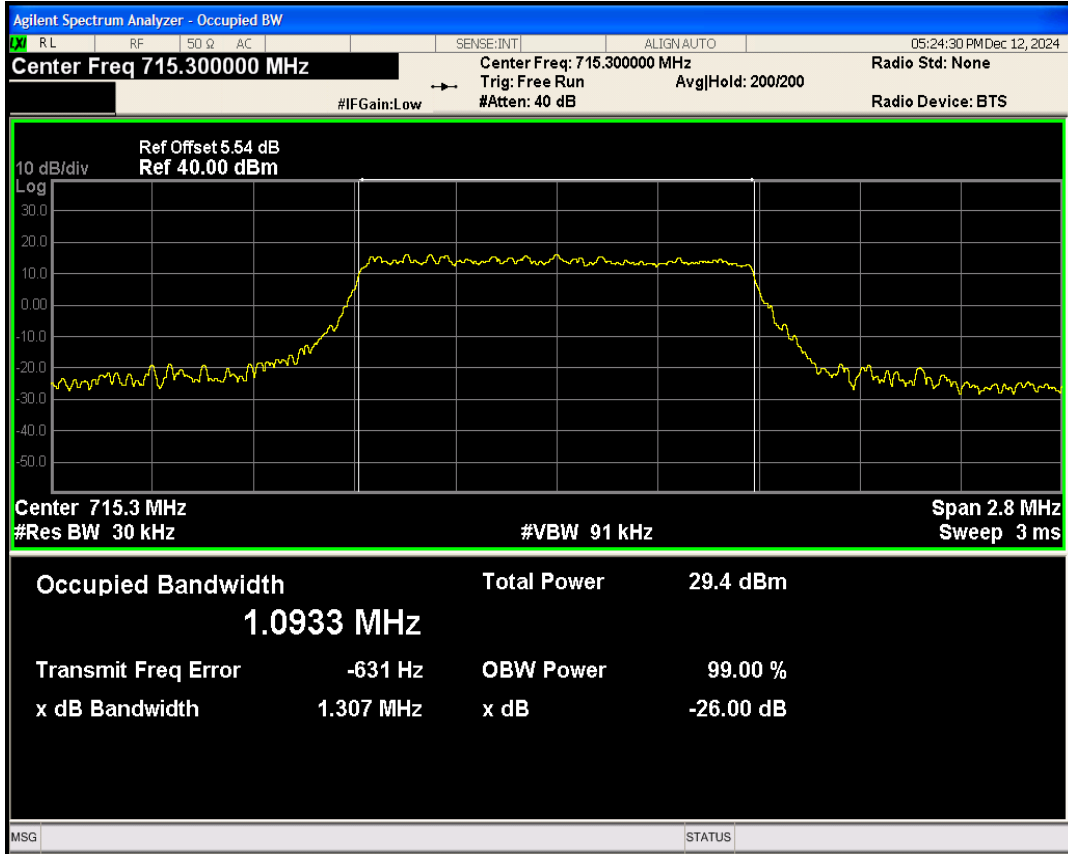
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



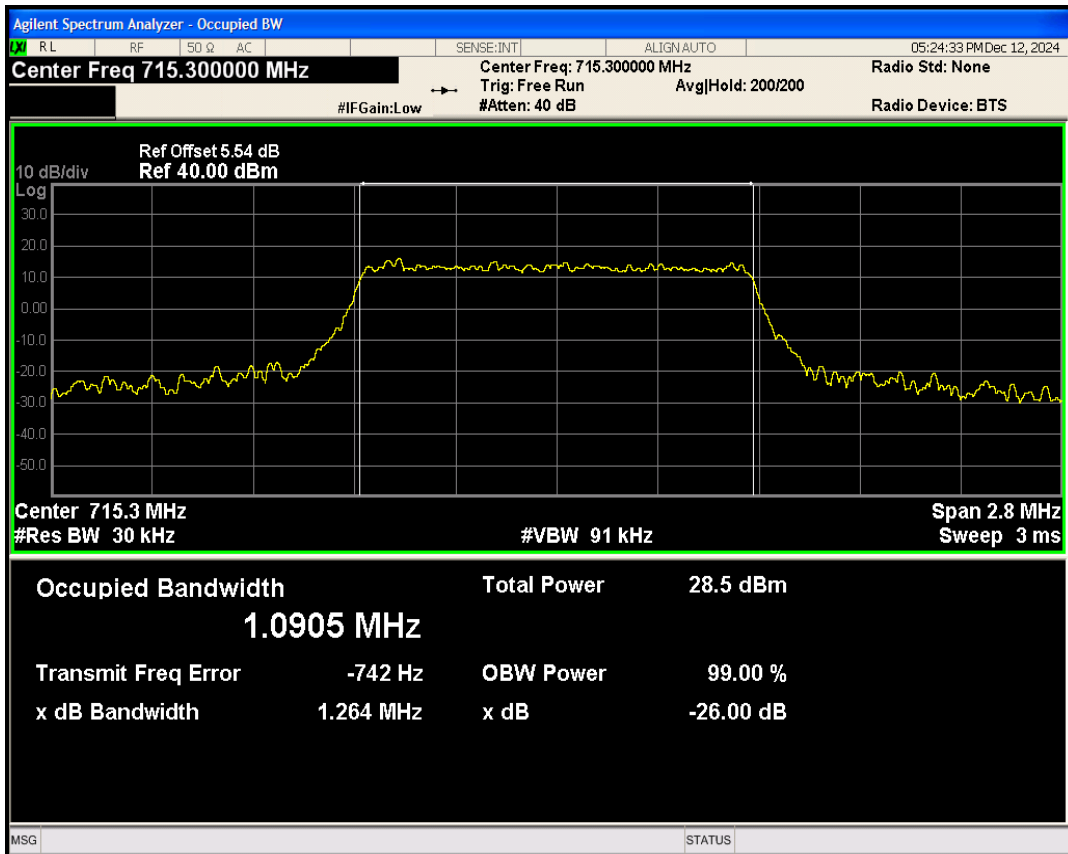
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



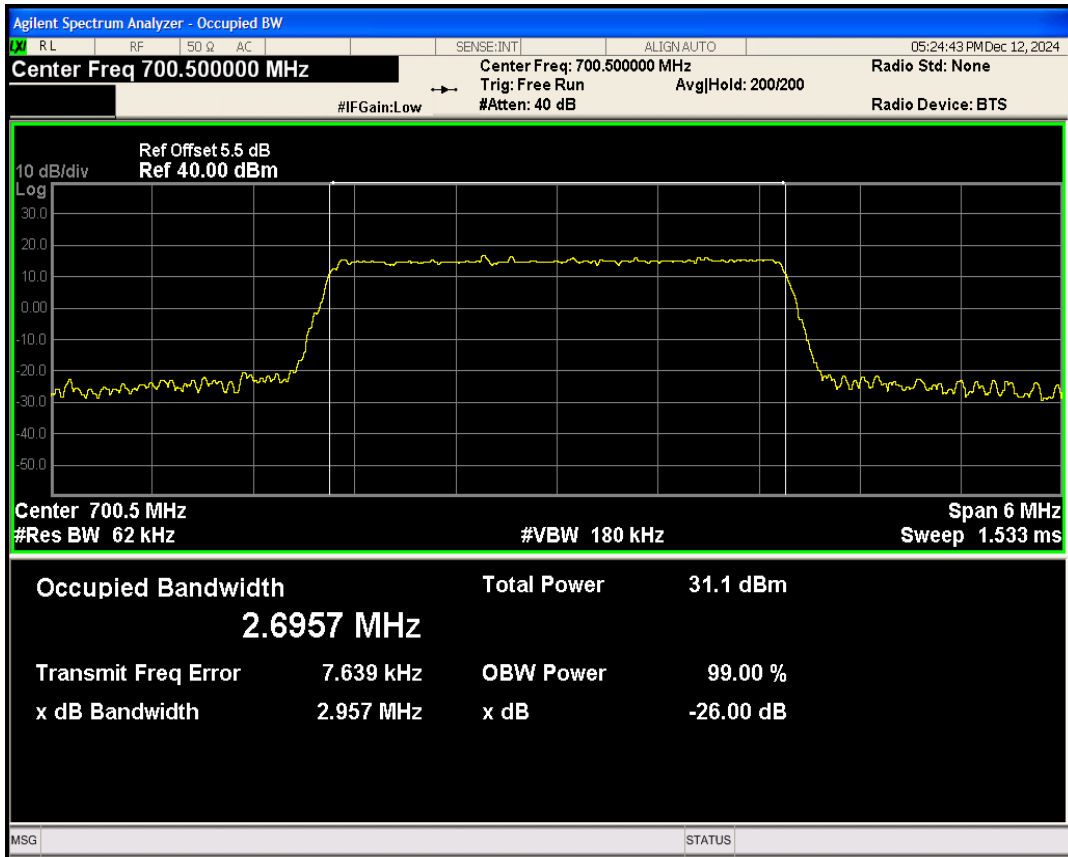
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



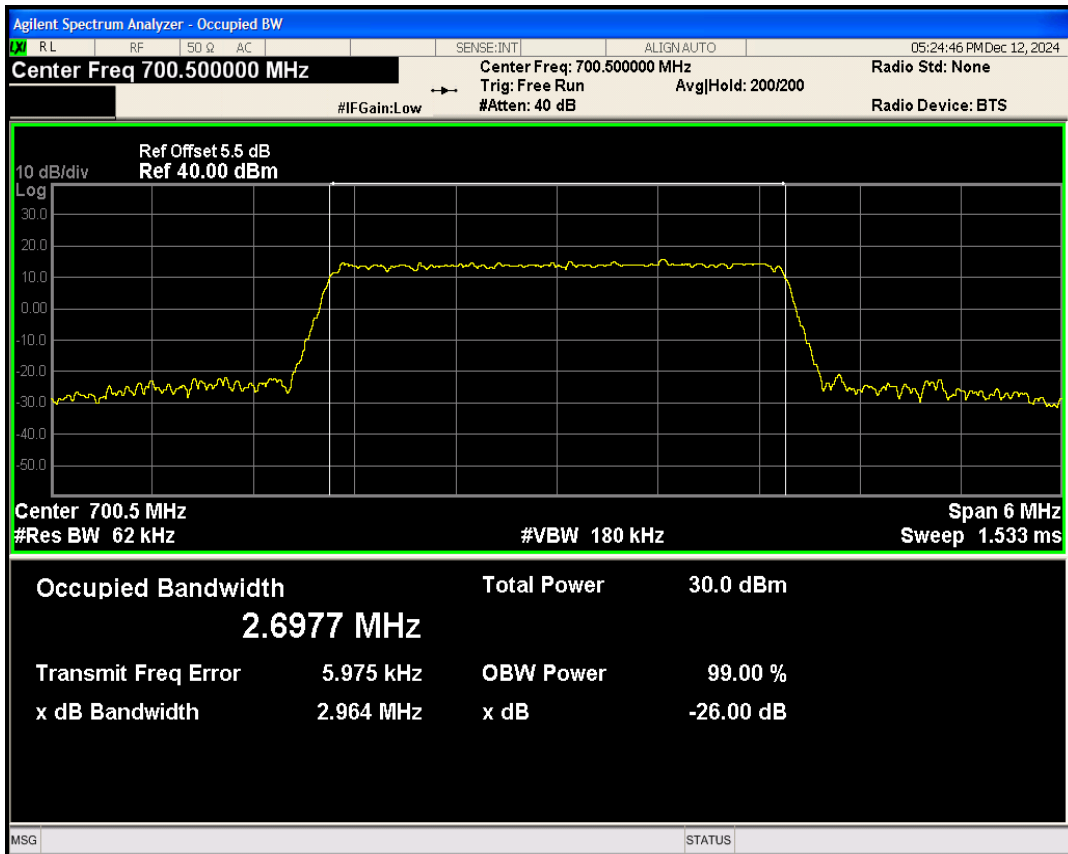
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



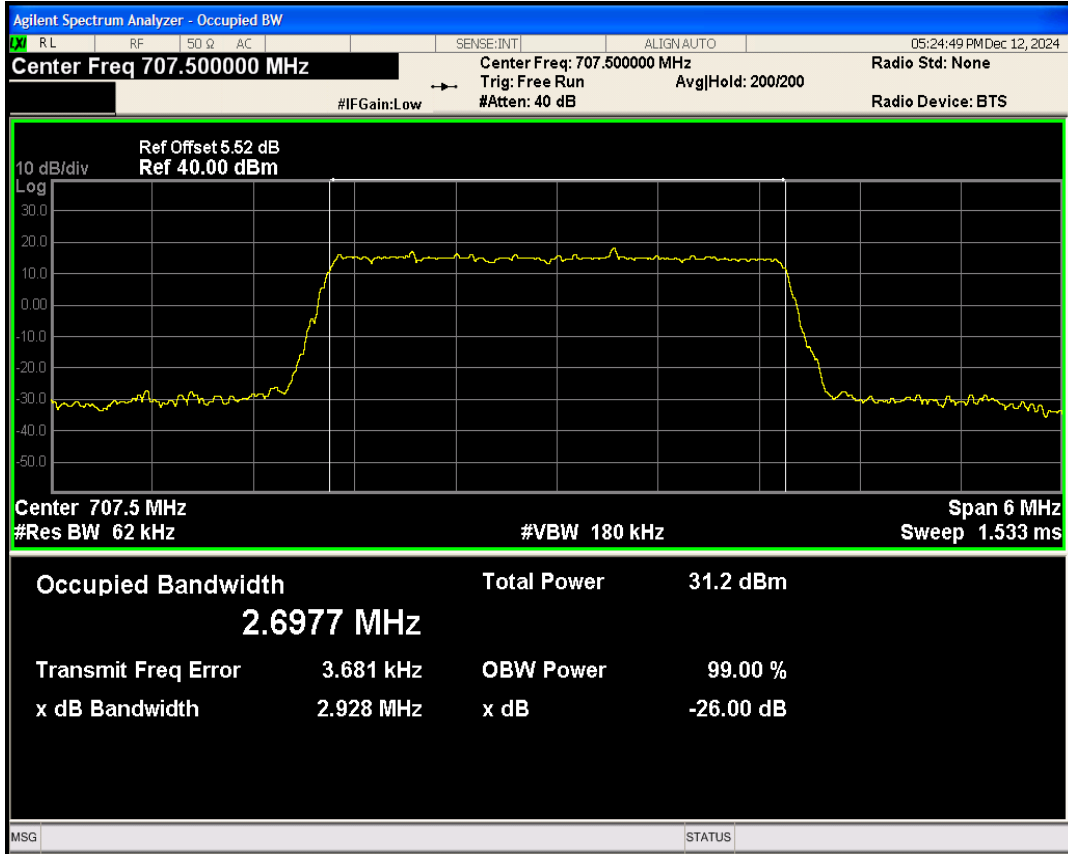
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



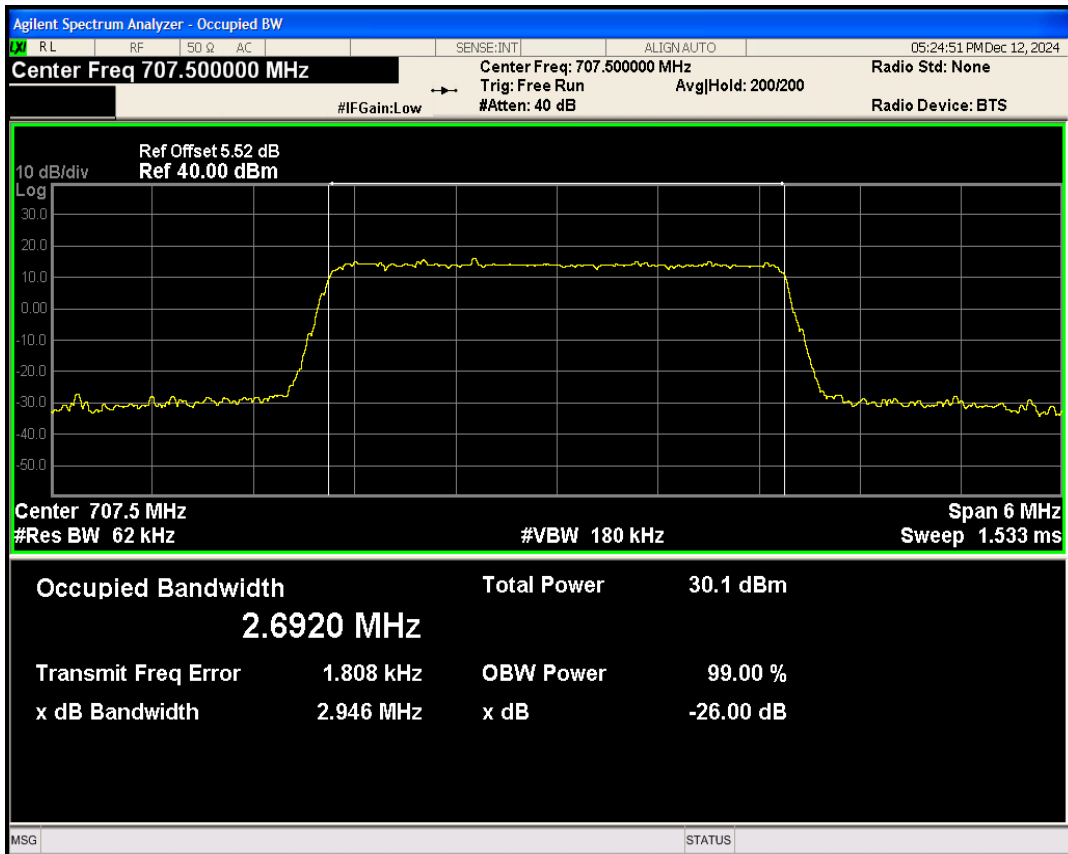
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



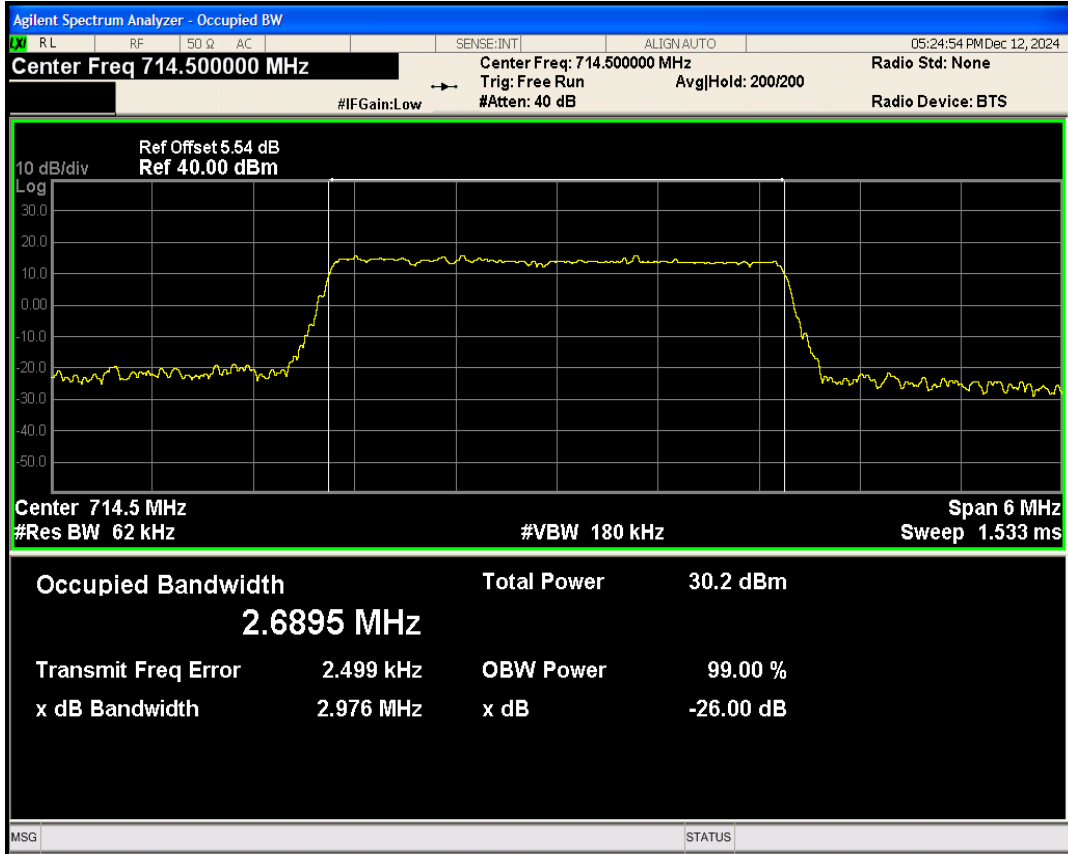
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



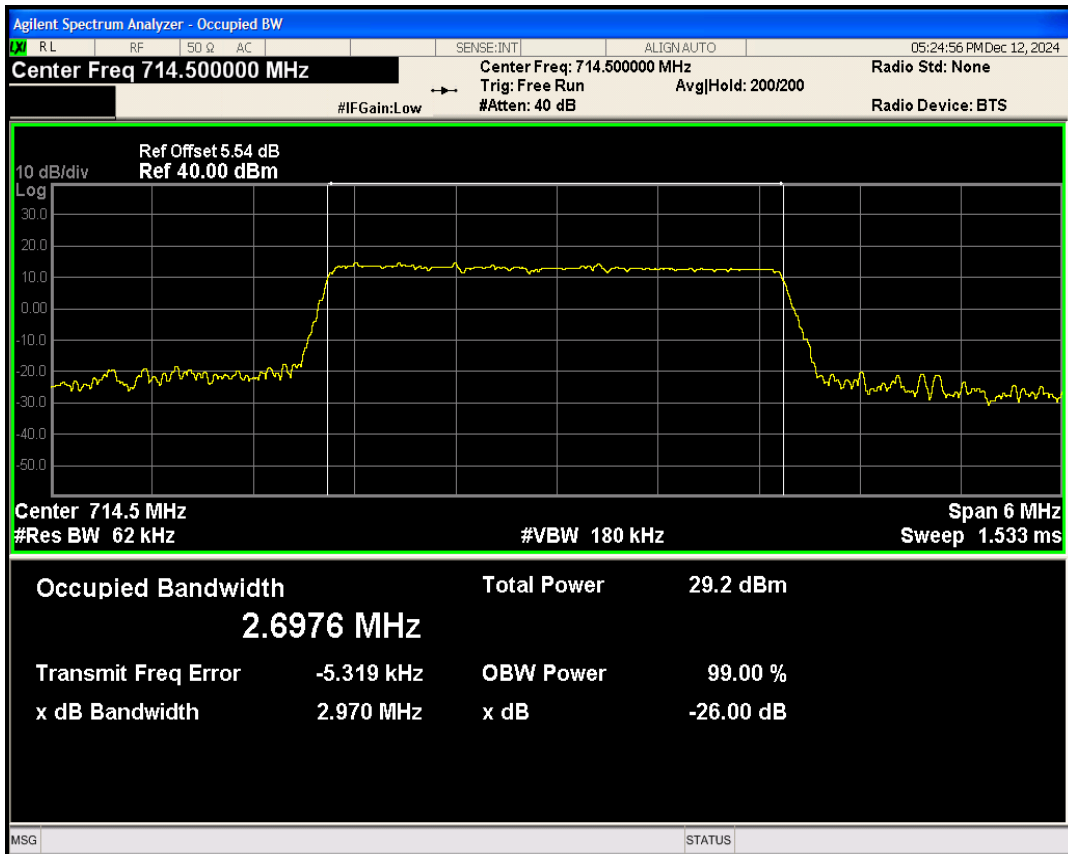
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



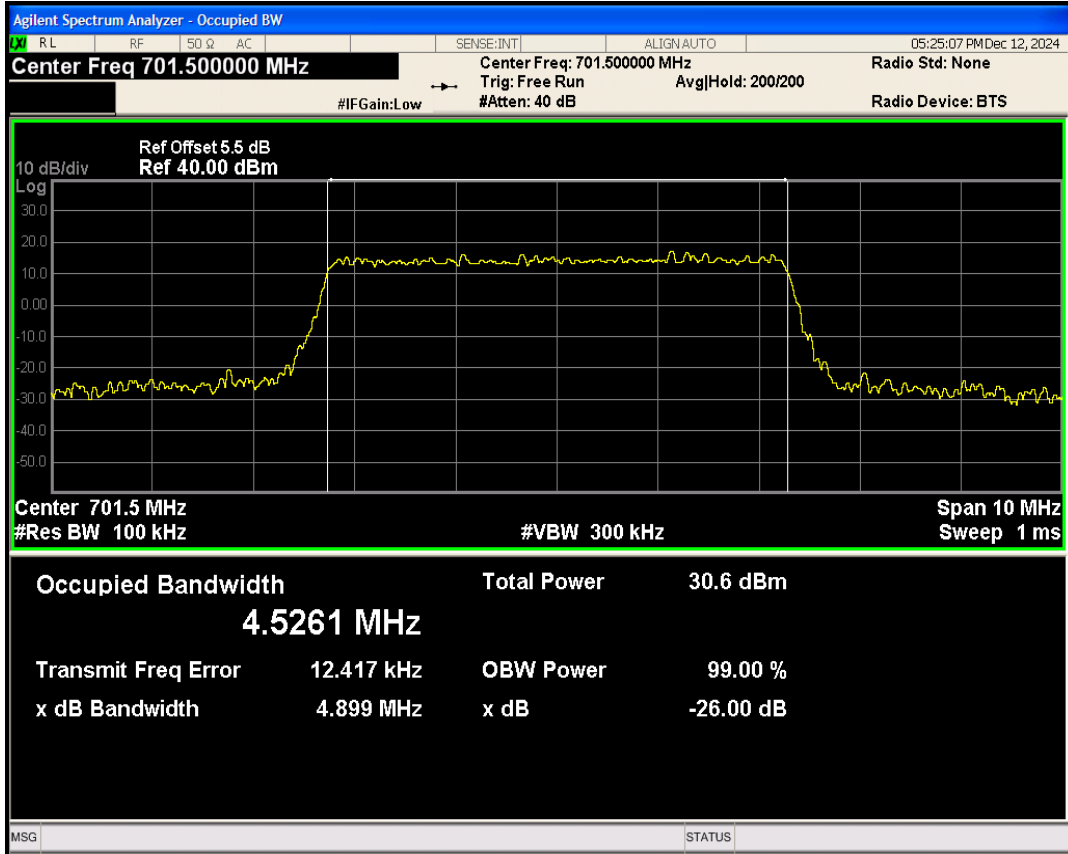
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



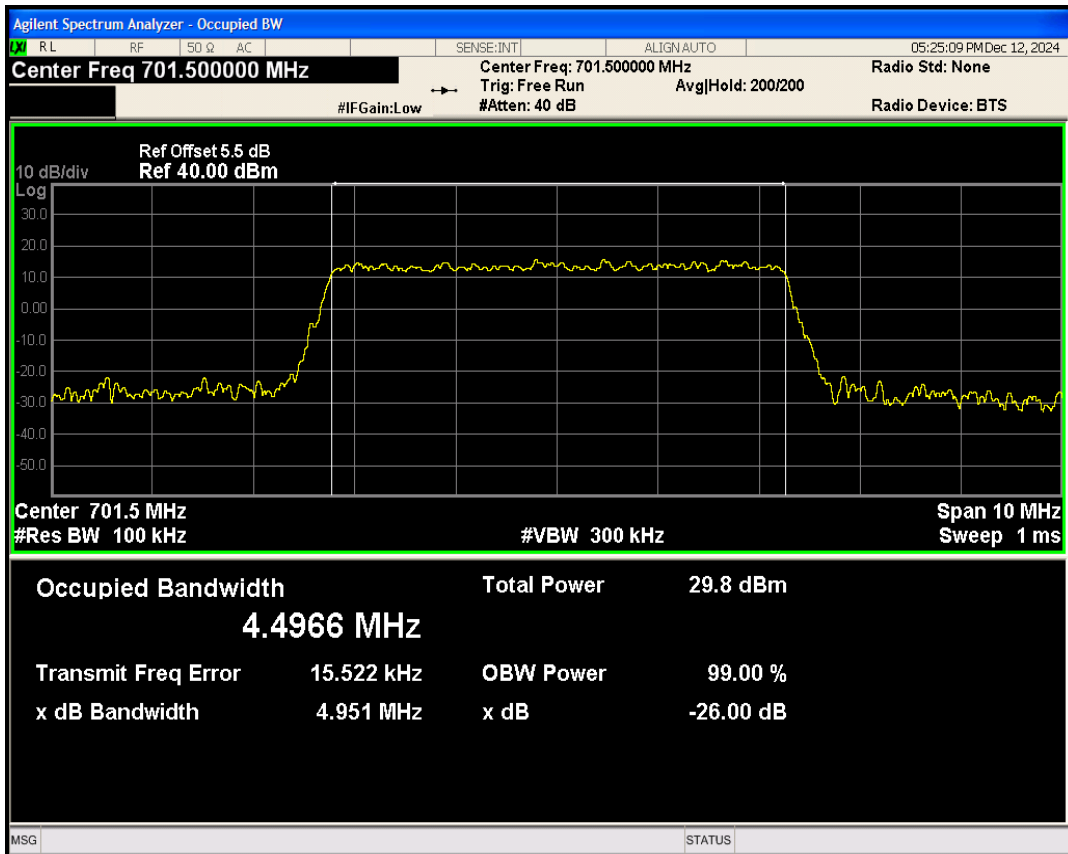
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



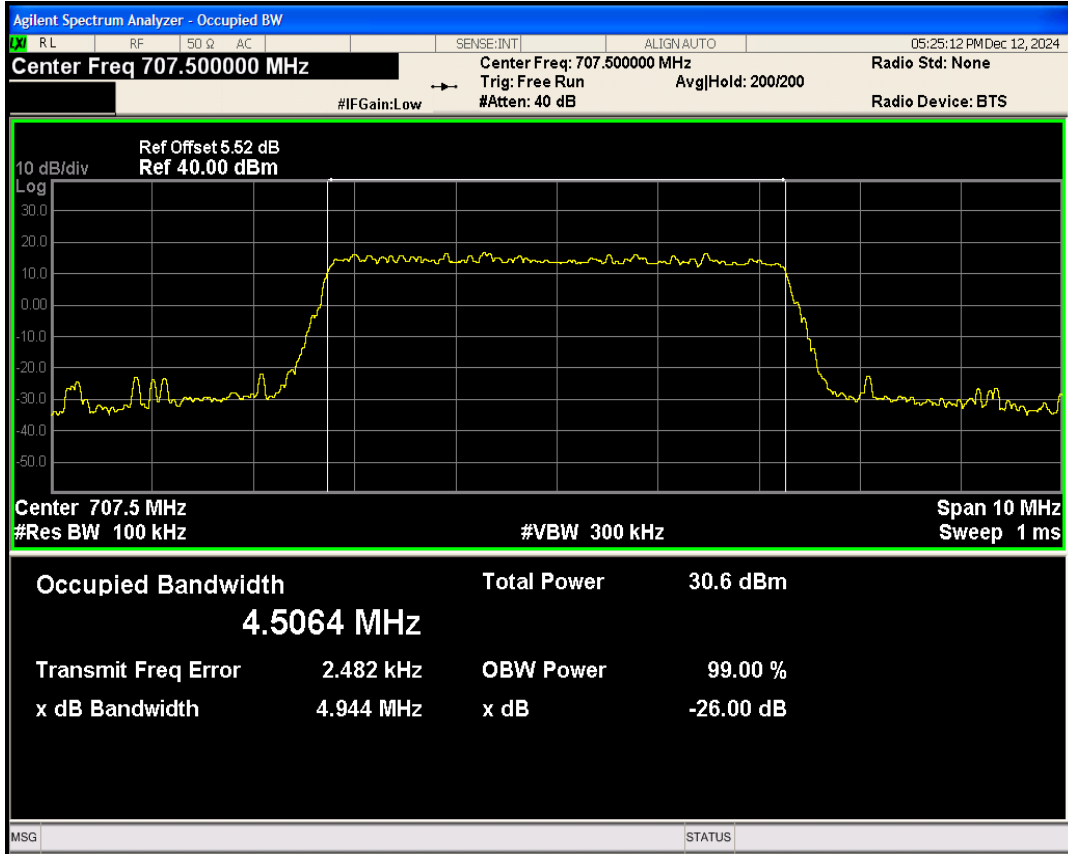
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



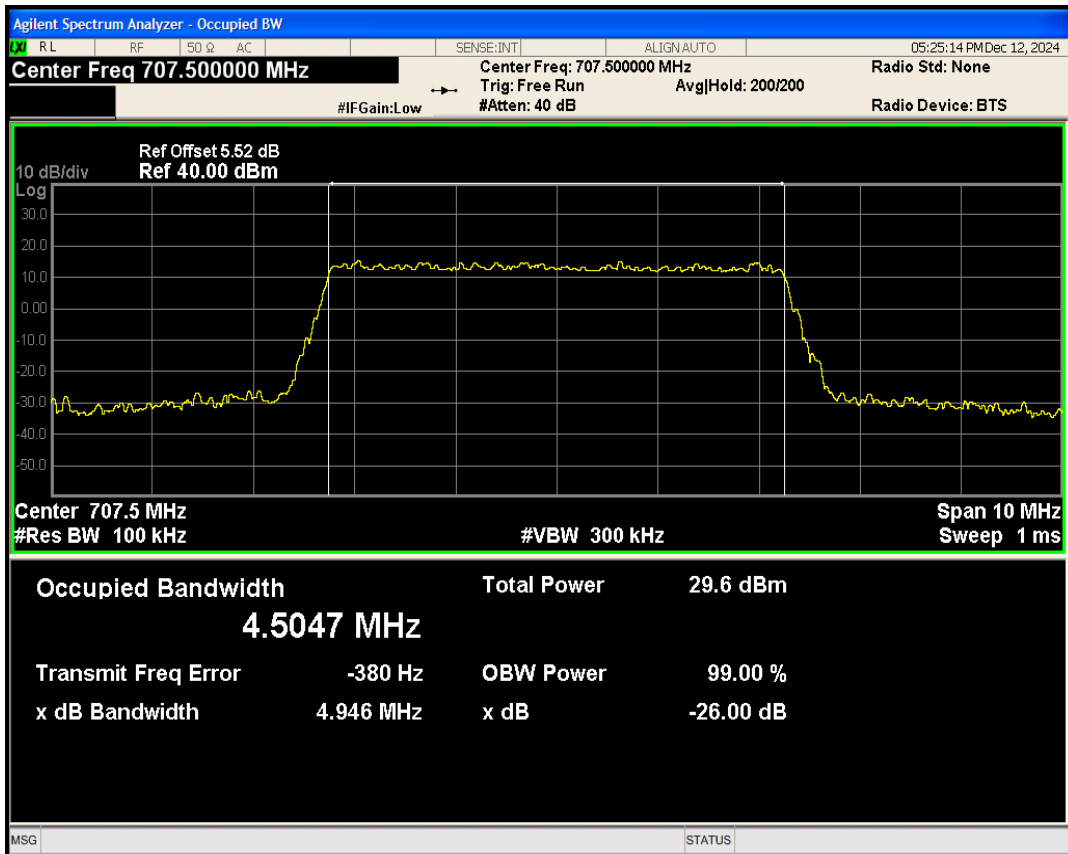
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



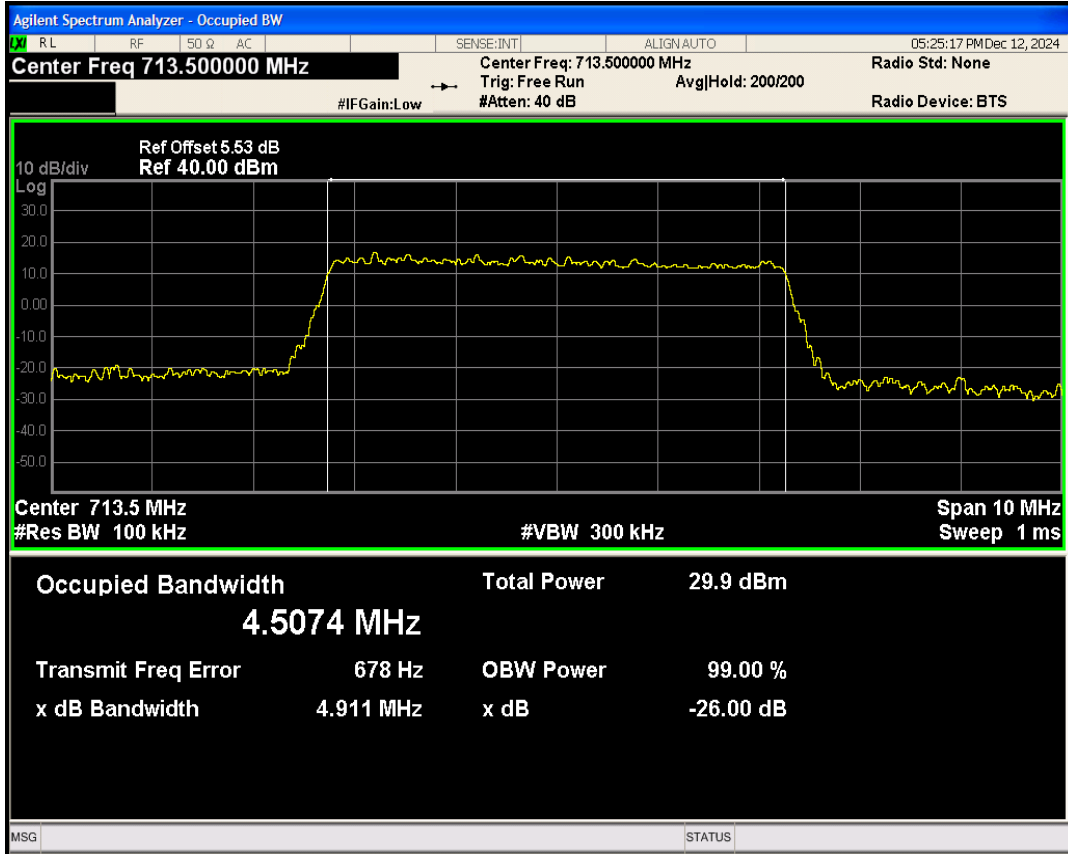
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



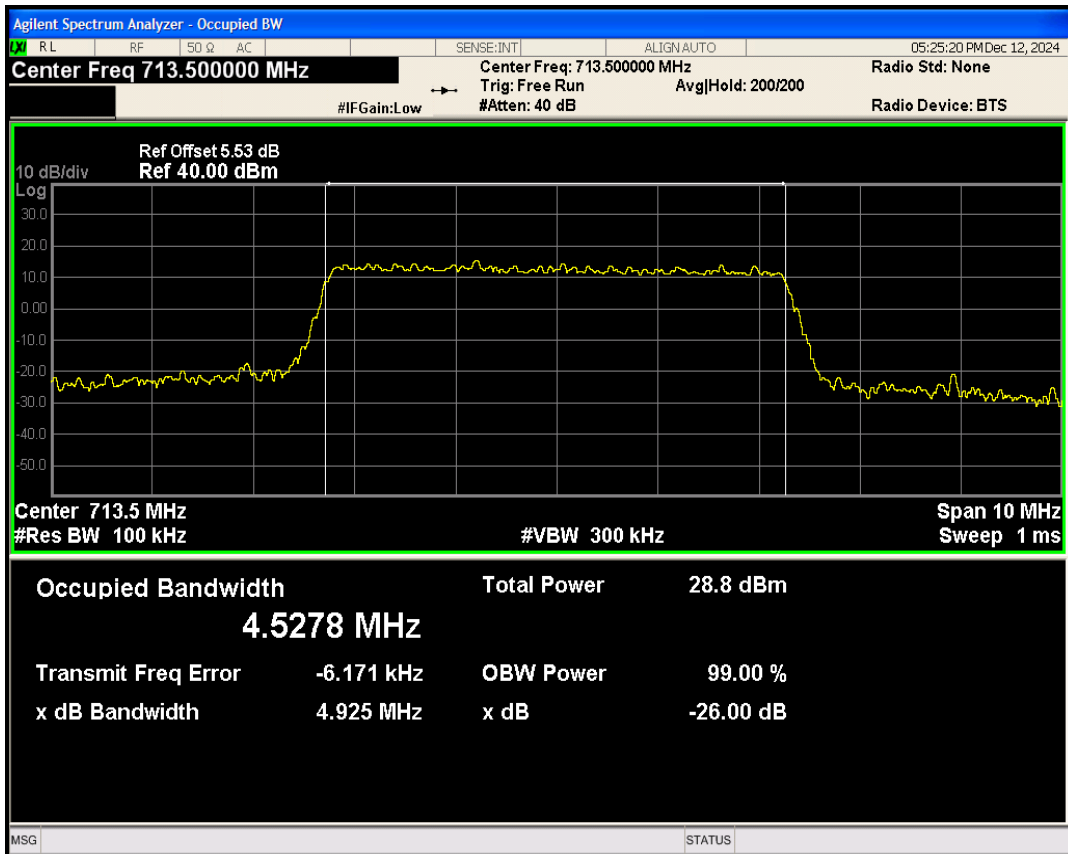
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



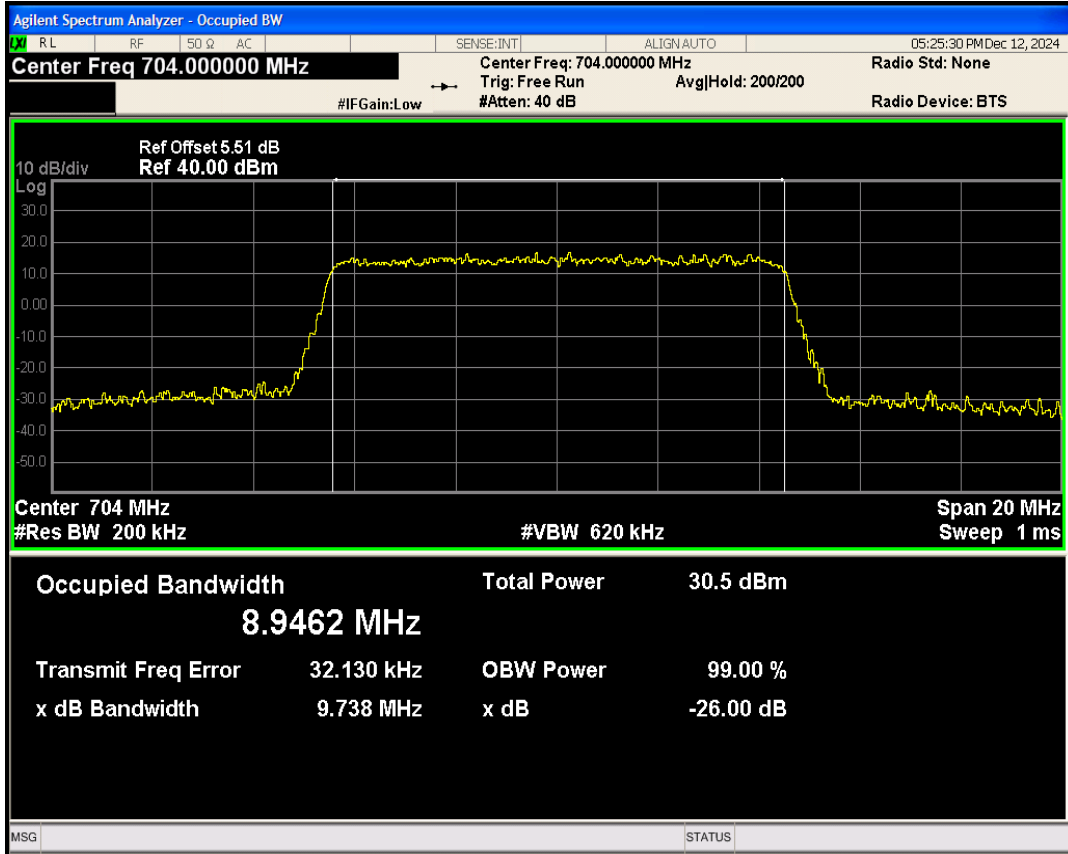
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



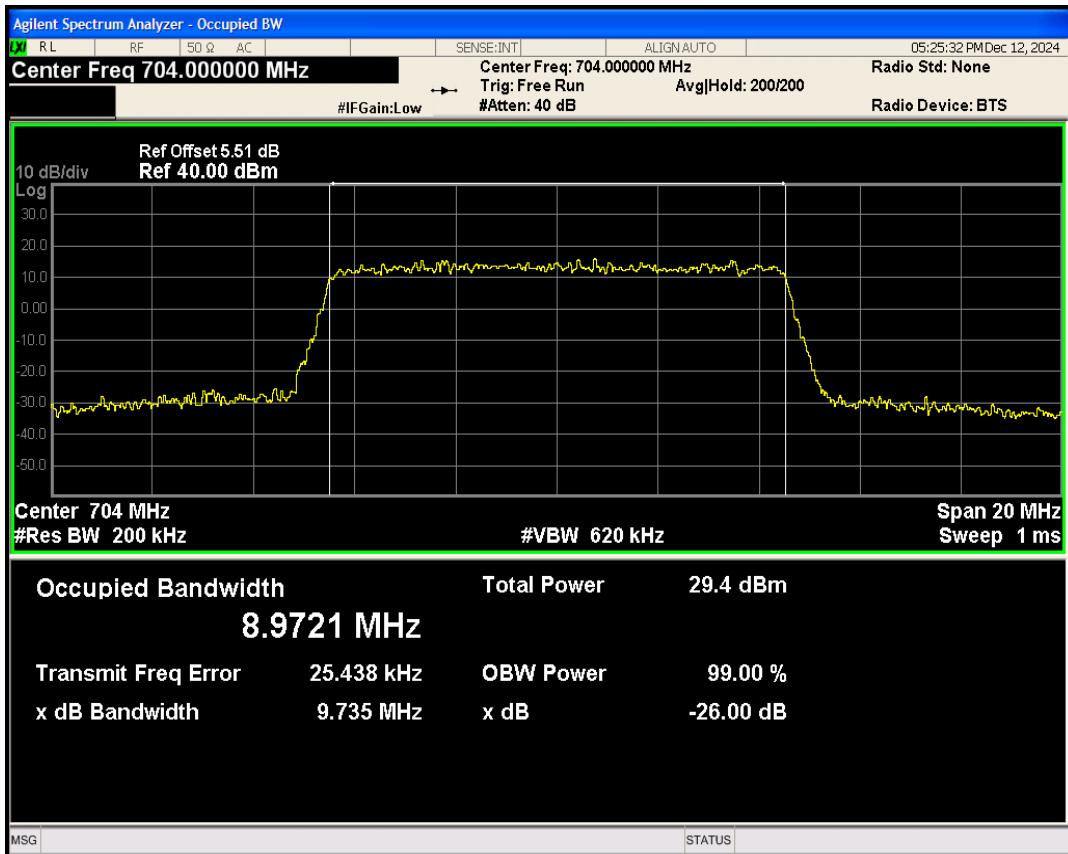
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



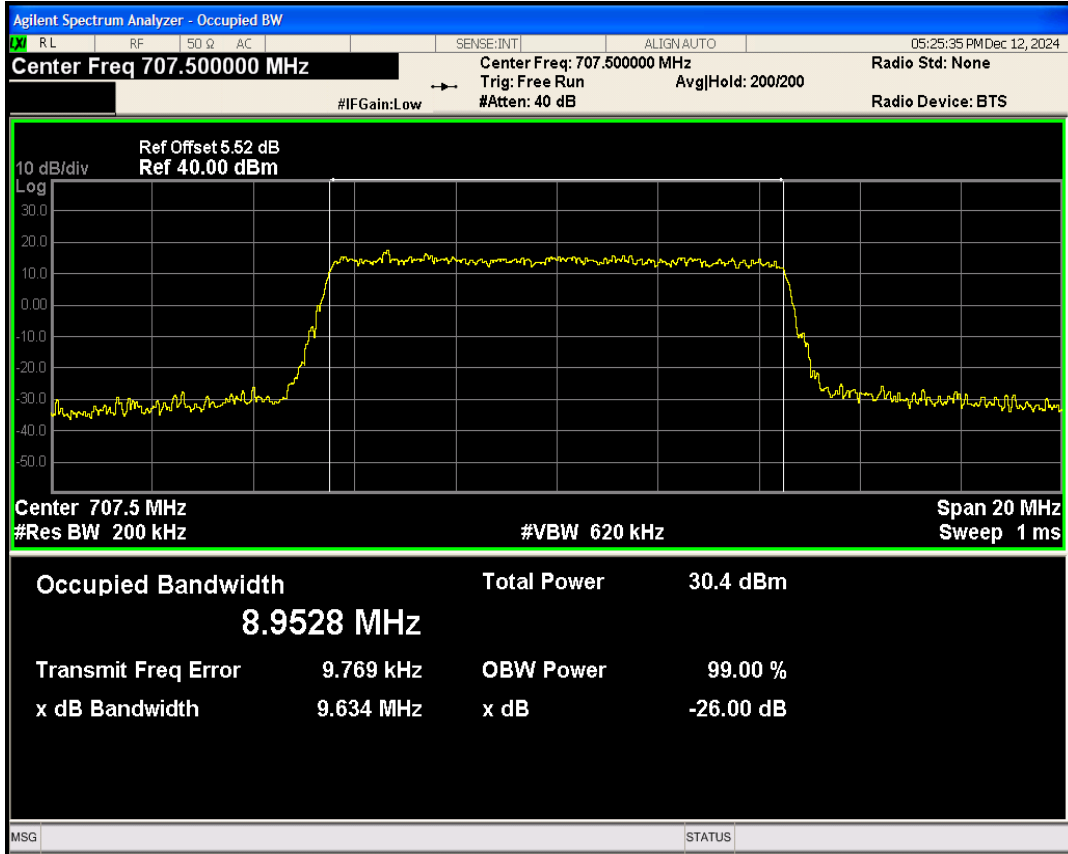
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



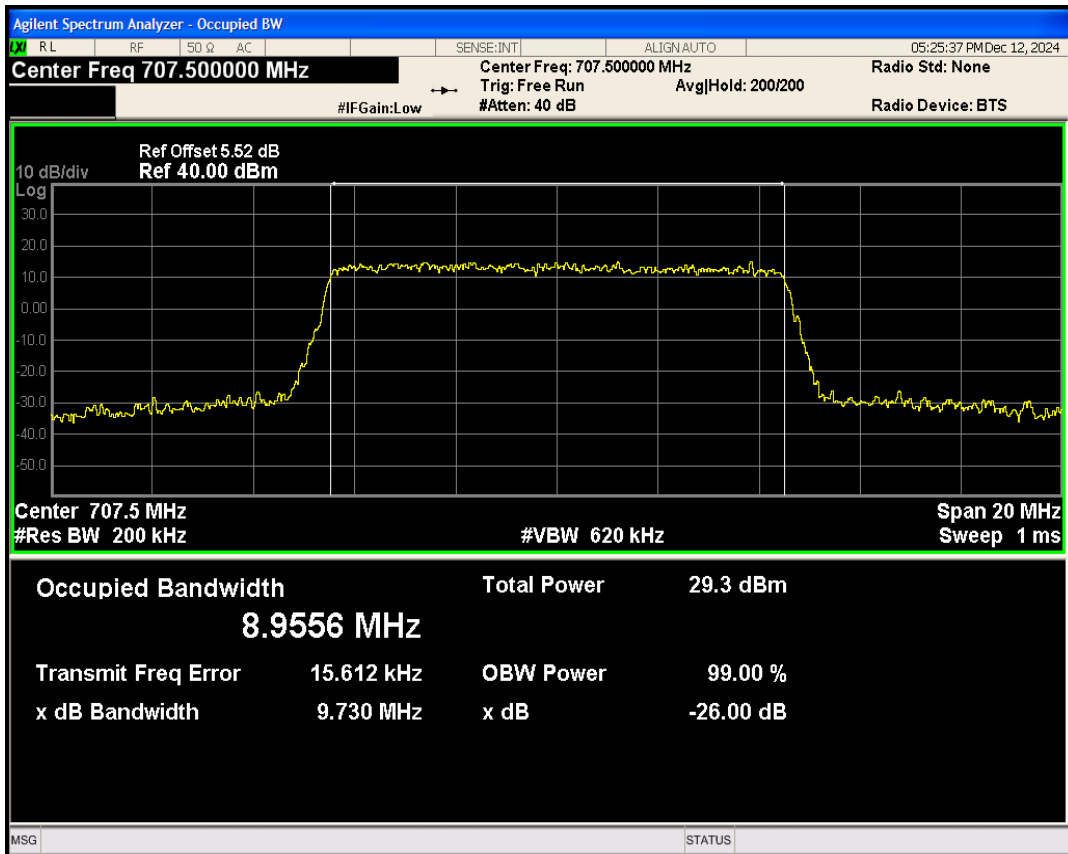
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



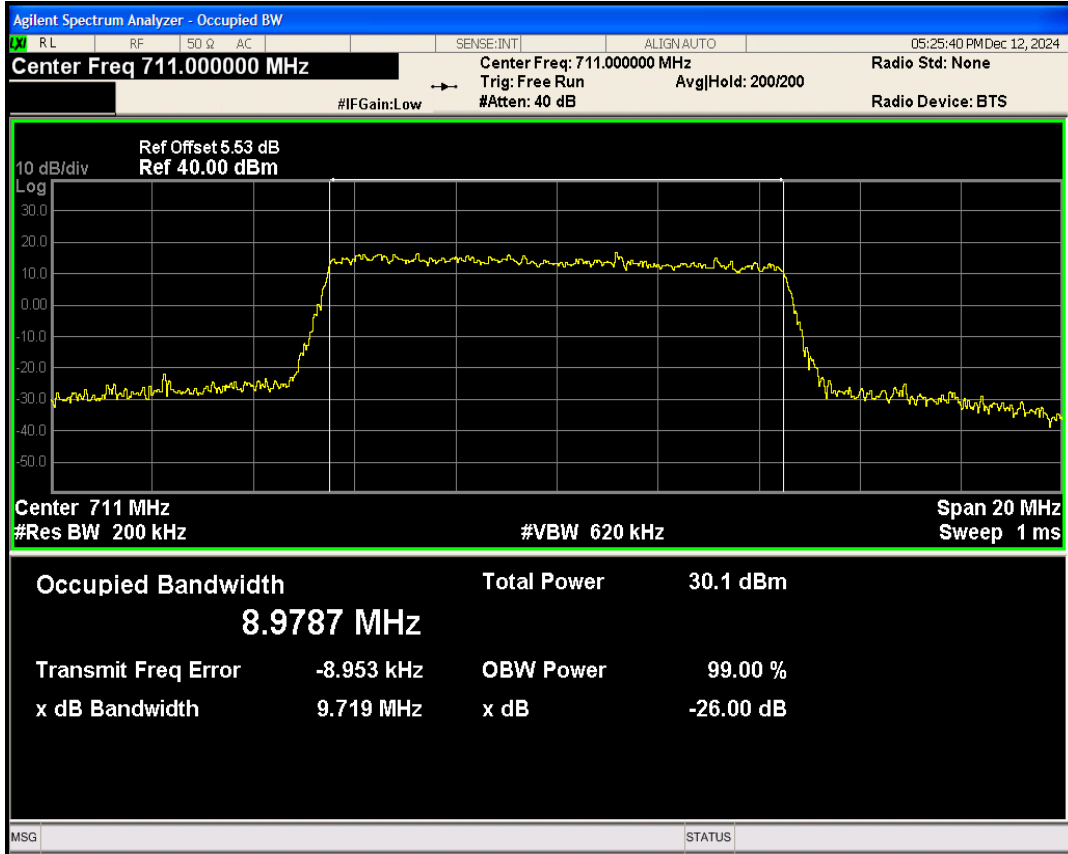
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



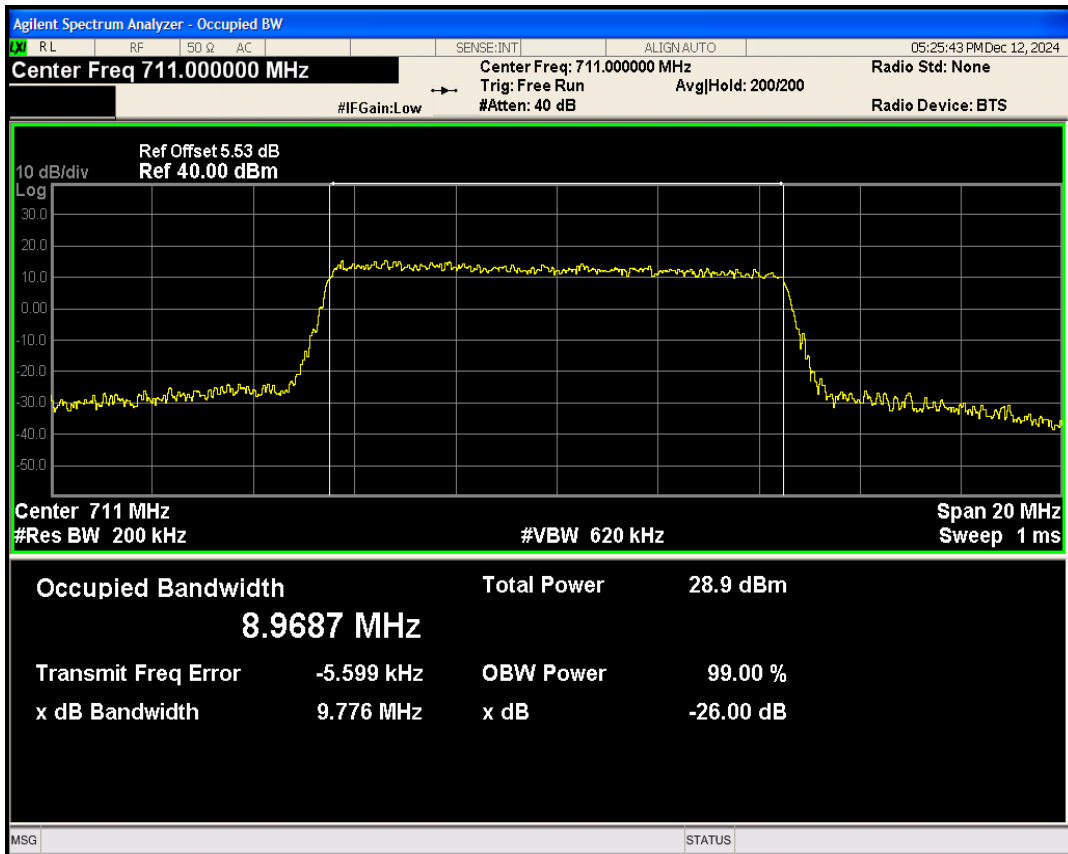
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



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



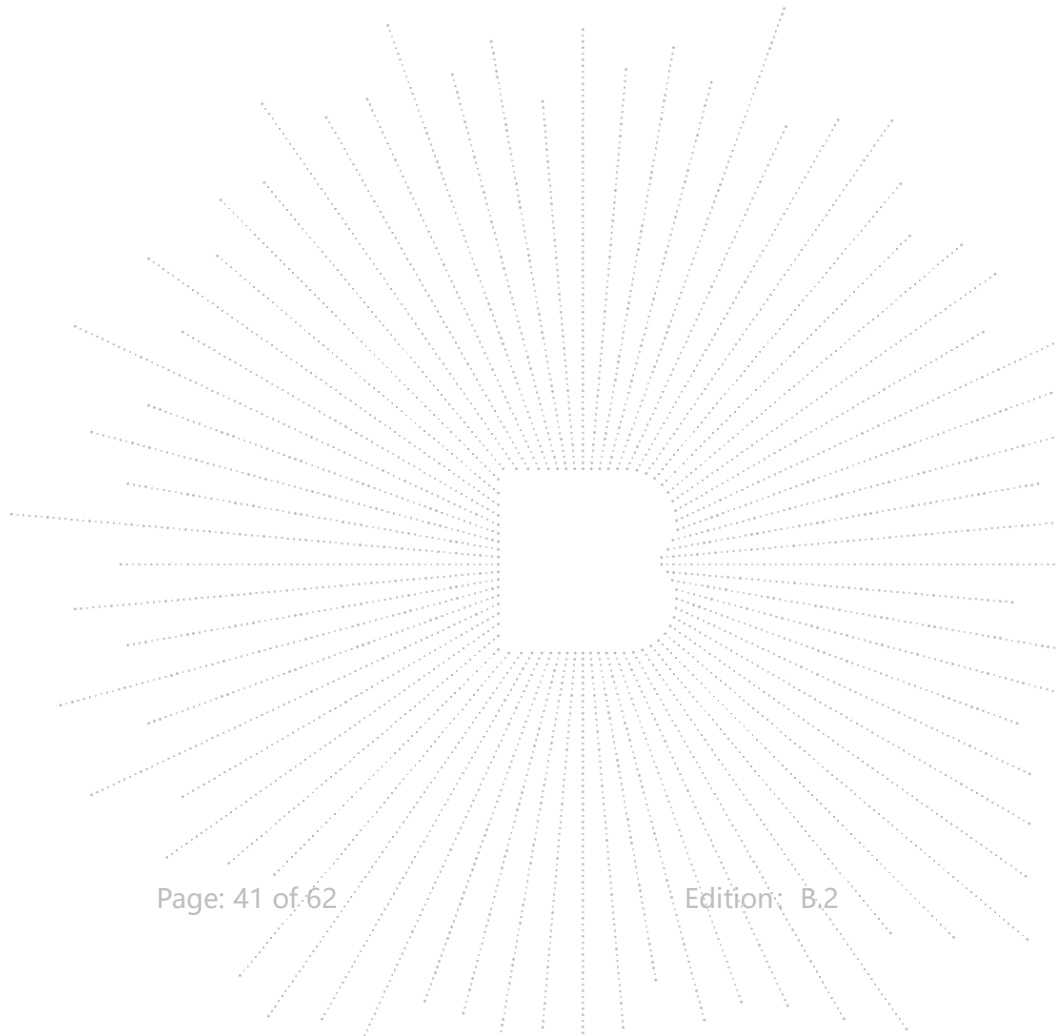
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

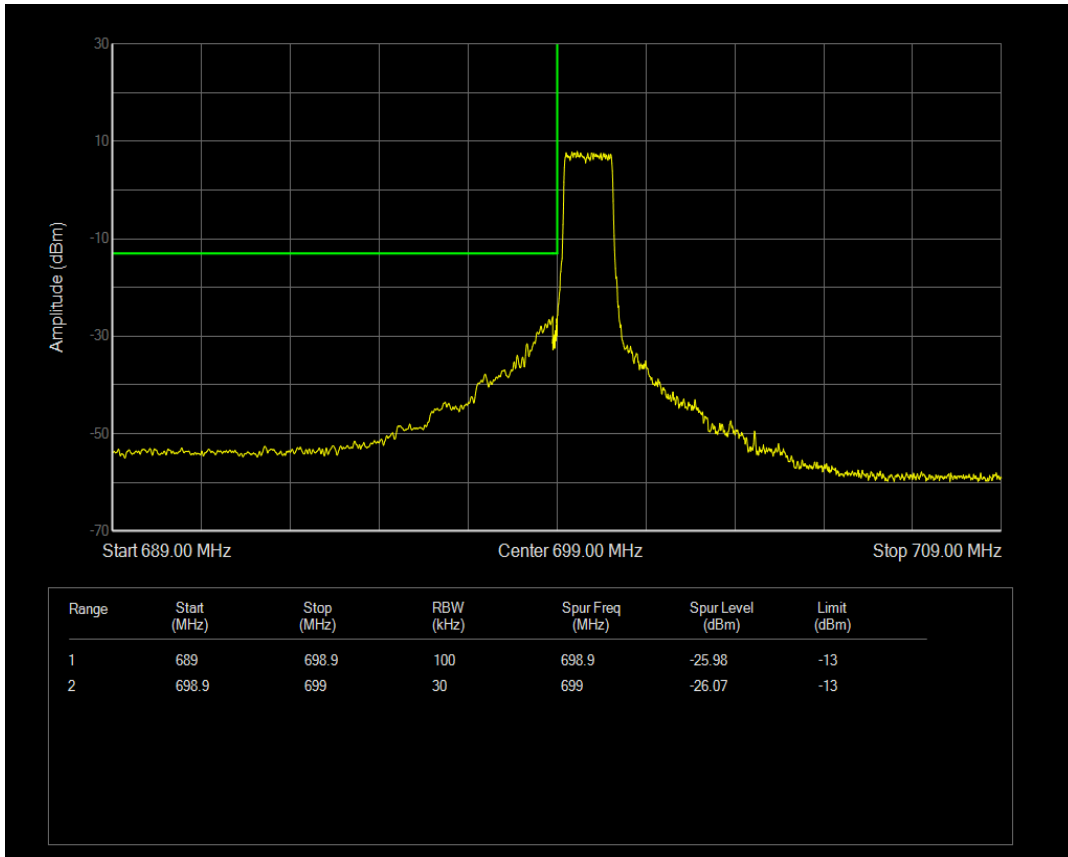


Appendix 5. Band edge

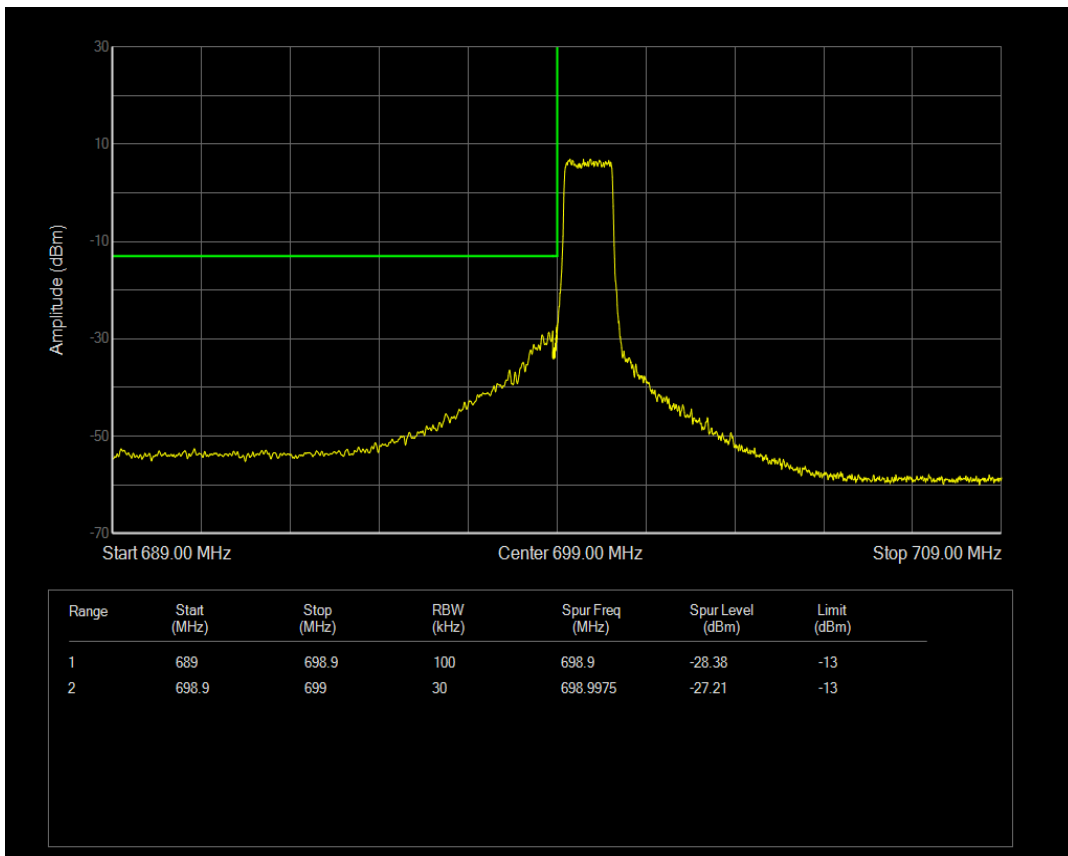
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.90	-25.98	-13	PASS
Band12	1.4	23017	6	#0	16QAM	699.00	-27.21	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.00	-27.75	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.11	-27.65	-13	PASS
Band12	3	23025	15	#0	QPSK	698.89	-30.22	-13	PASS
Band12	3	23025	15	#0	16QAM	698.86	-31.04	-13	PASS
Band12	3	23165	15	#0	QPSK	716.22	-31.02	-13	PASS
Band12	3	23165	15	#0	16QAM	716.01	-32.57	-13	PASS
Band12	5	23035	25	#0	QPSK	698.87	-31.91	-13	PASS
Band12	5	23035	25	#0	16QAM	698.99	-32.91	-13	PASS
Band12	5	23155	25	#0	QPSK	716.14	-33.72	-13	PASS
Band12	5	23155	25	#0	16QAM	716.11	-34.24	-13	PASS
Band12	10	23060	50	#0	QPSK	698.90	-36.60	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-38.49	-13	PASS
Band12	10	23130	50	#0	QPSK	716.11	-36.92	-13	PASS
Band12	10	23130	50	#0	16QAM	716.11	-39.64	-13	PASS

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

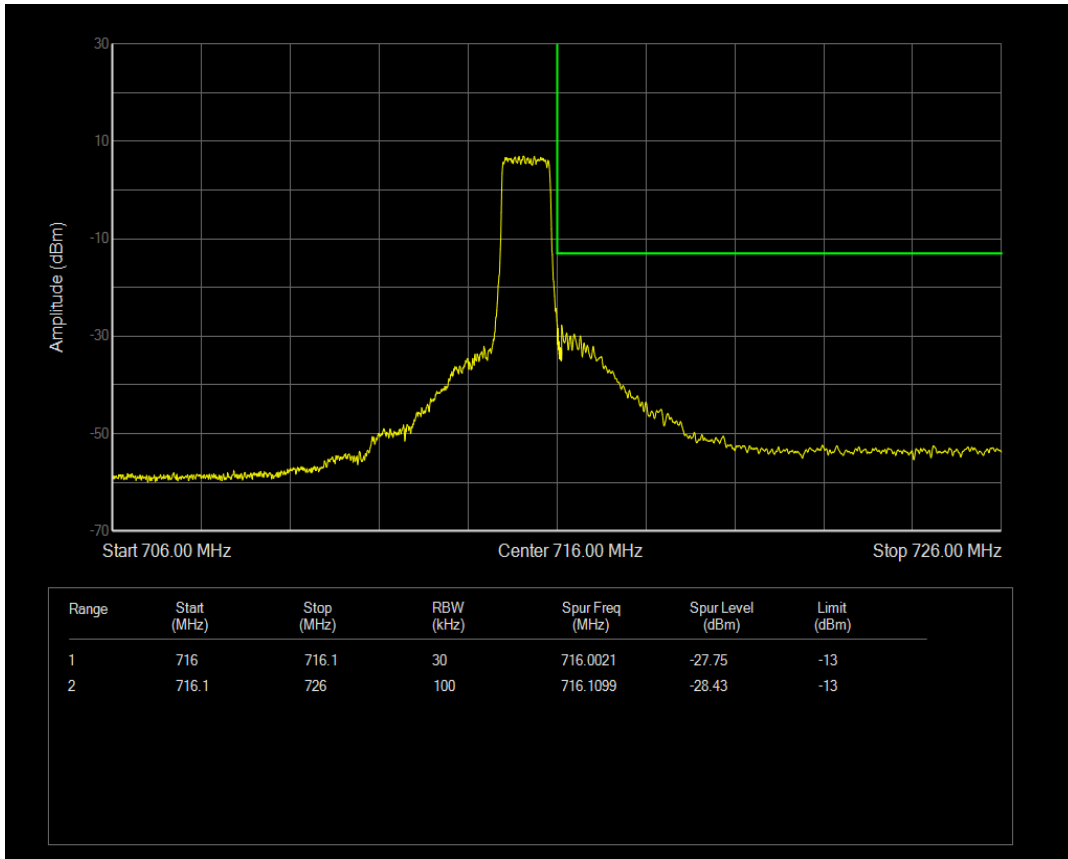




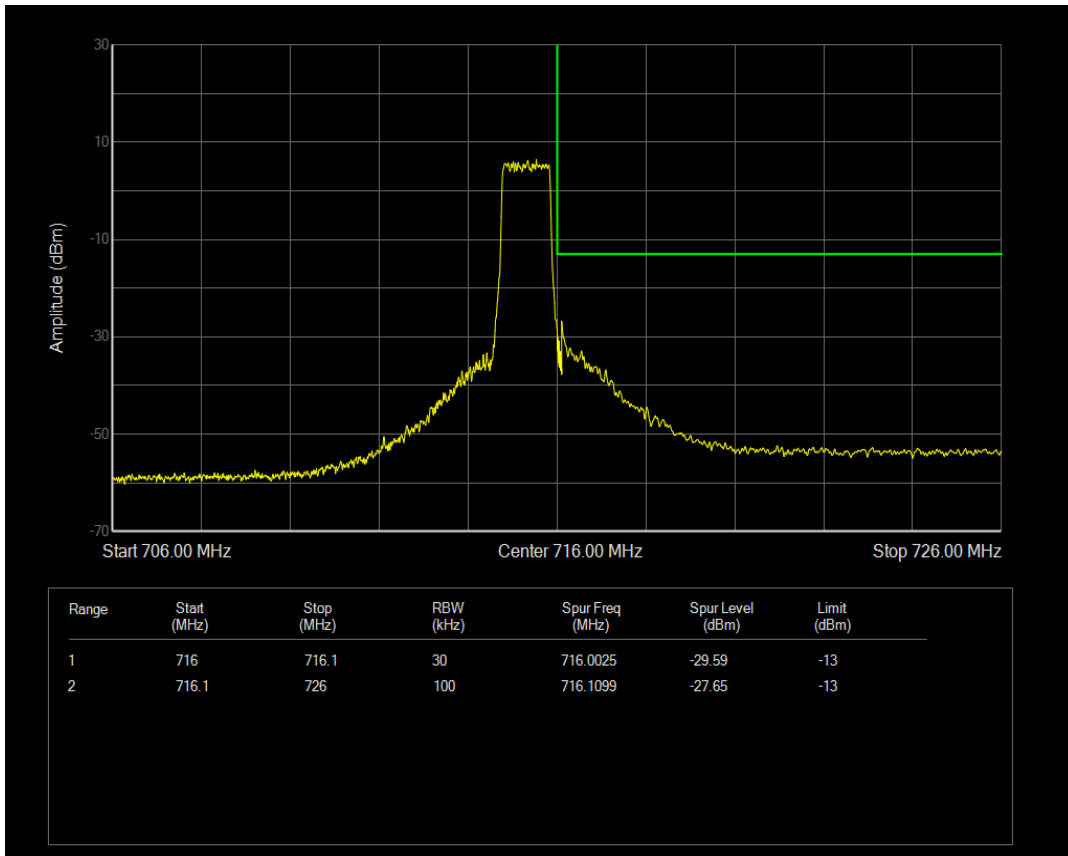
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



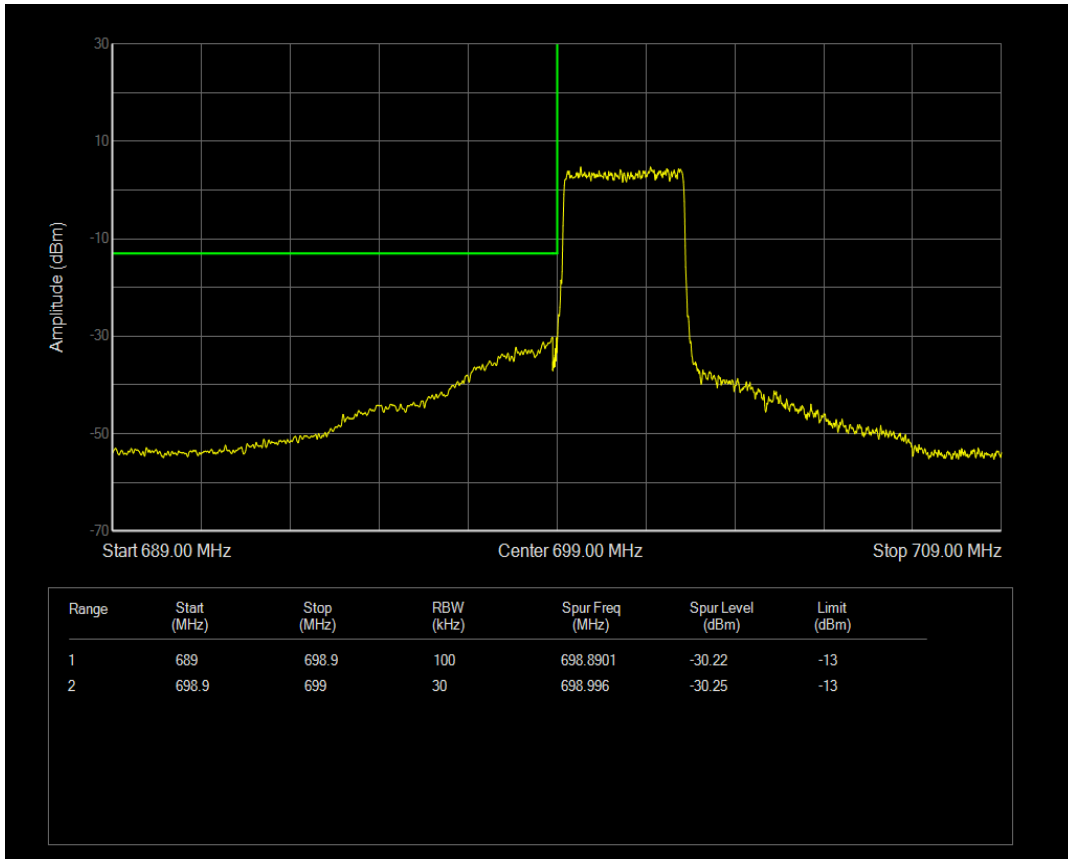
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



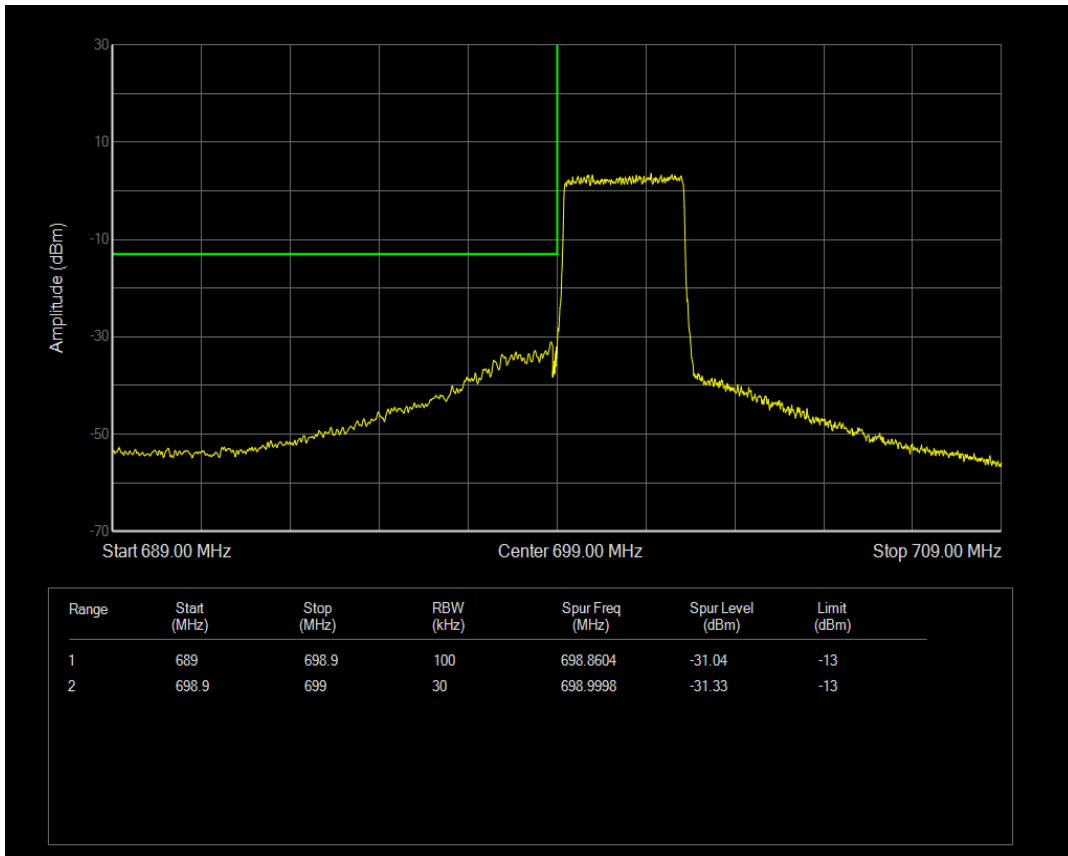
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



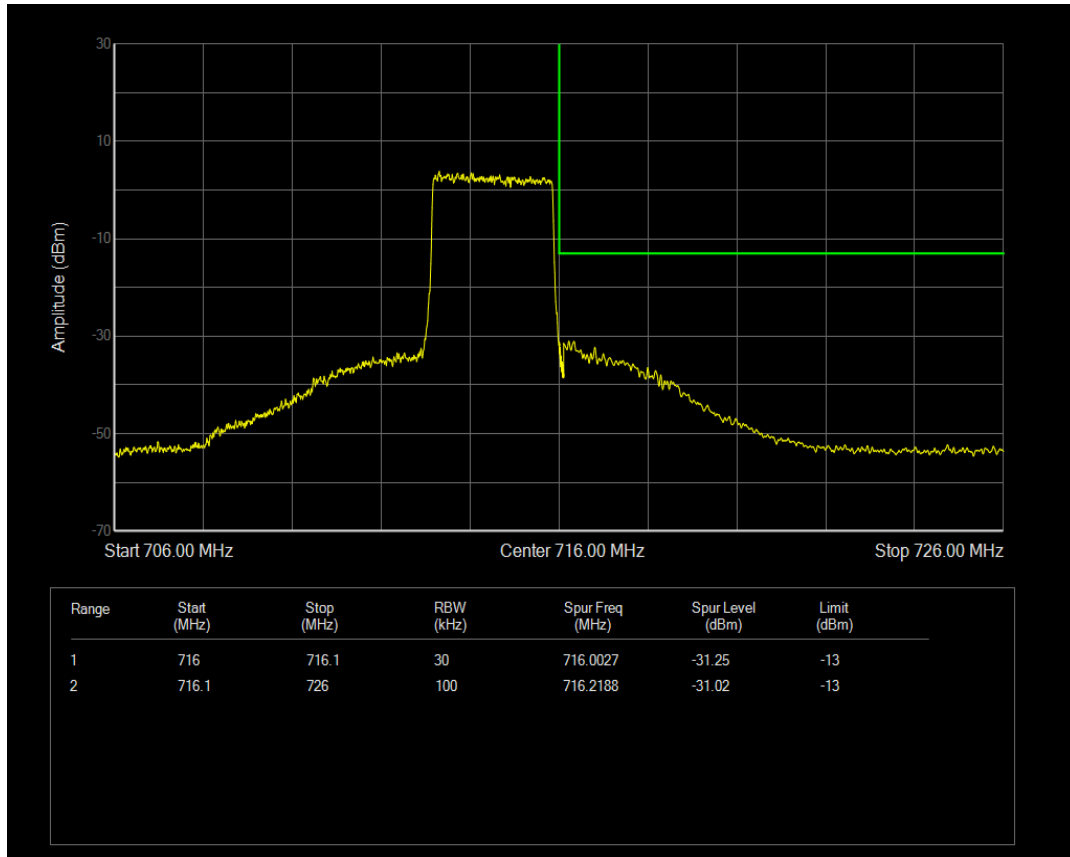
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



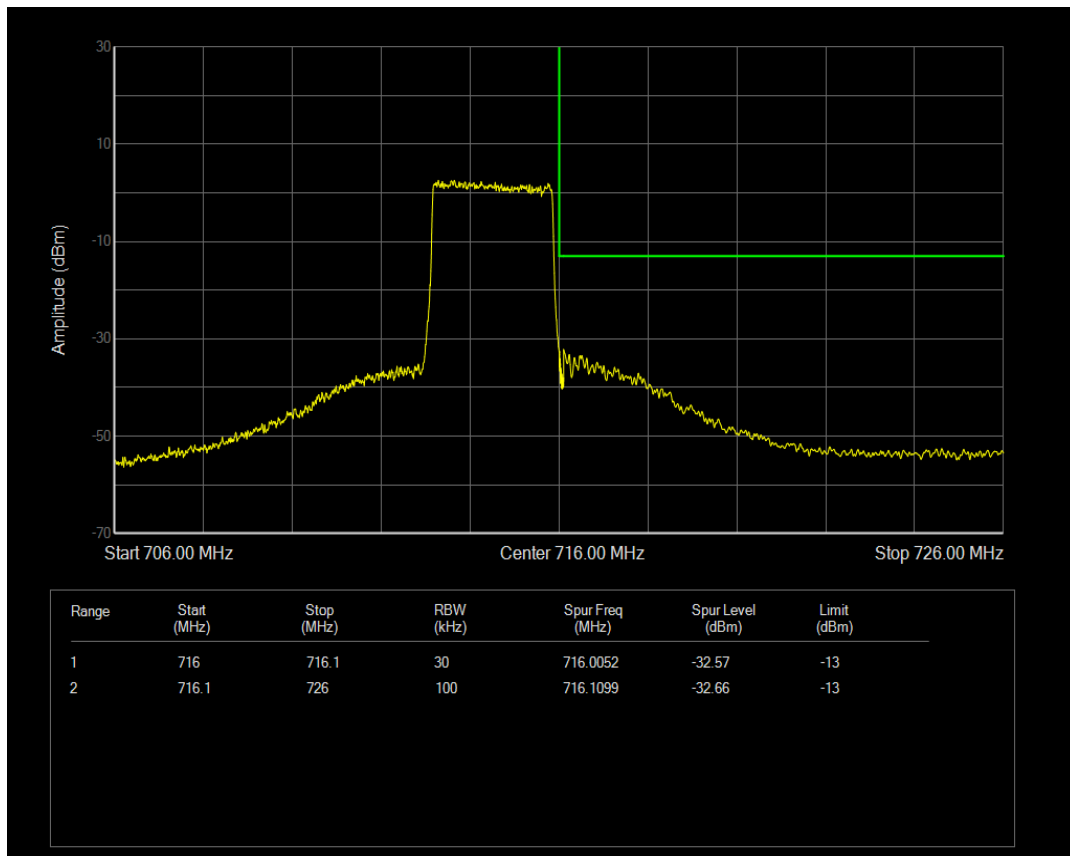
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



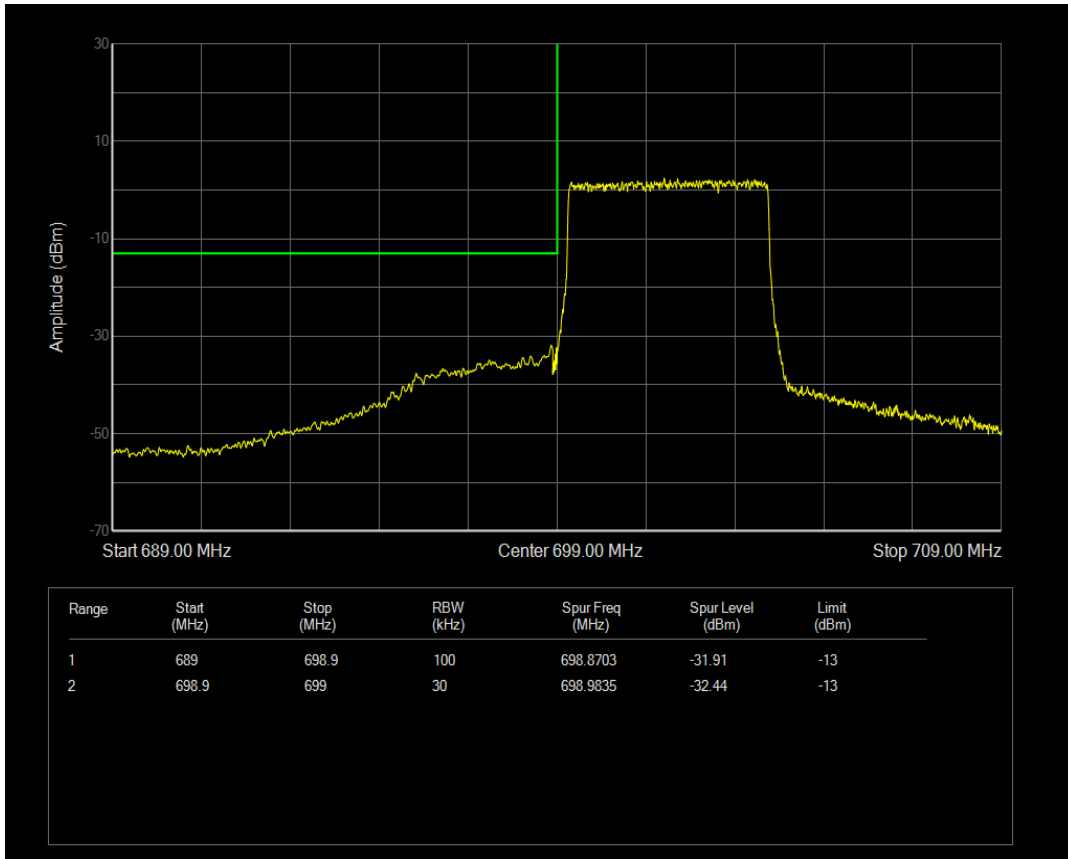
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



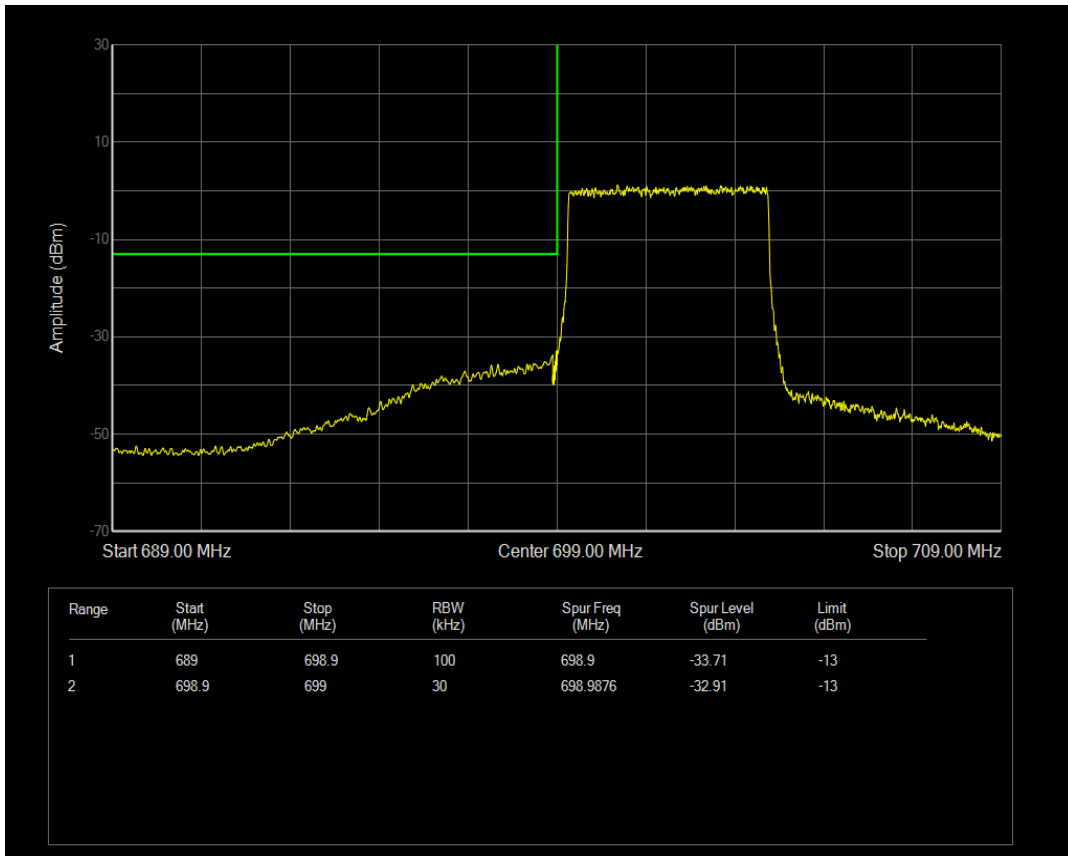
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



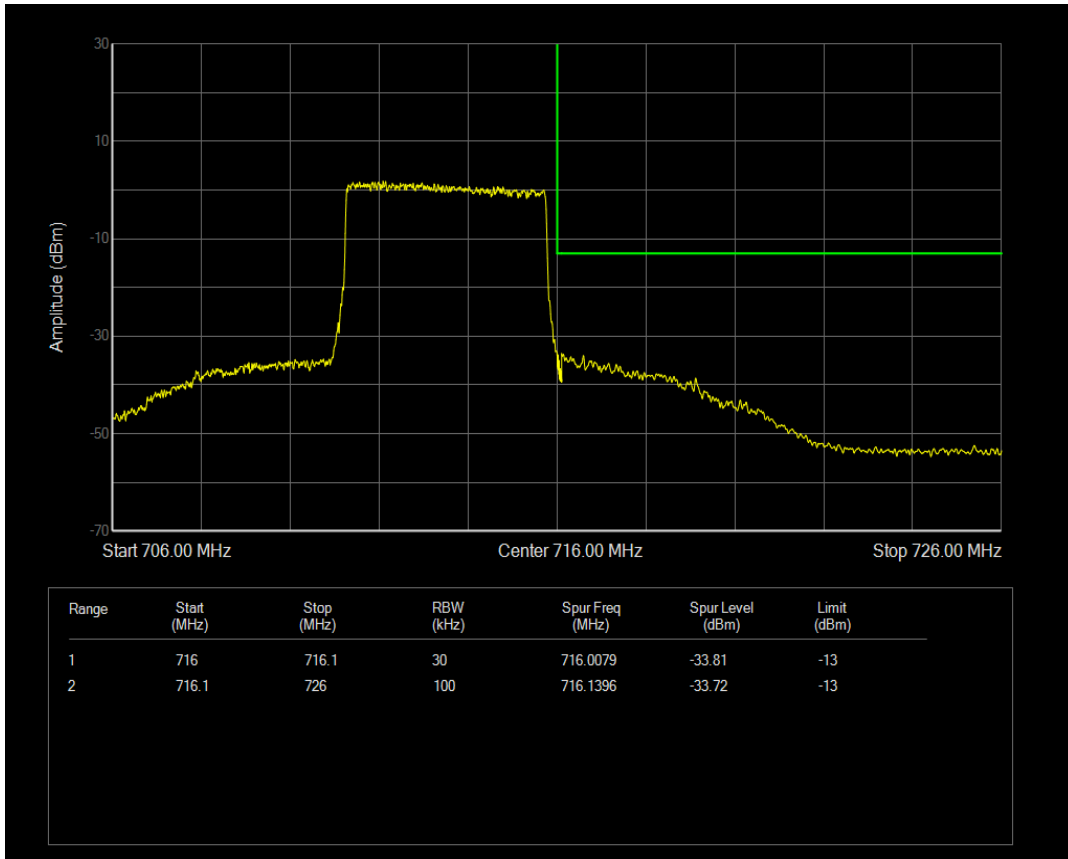
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



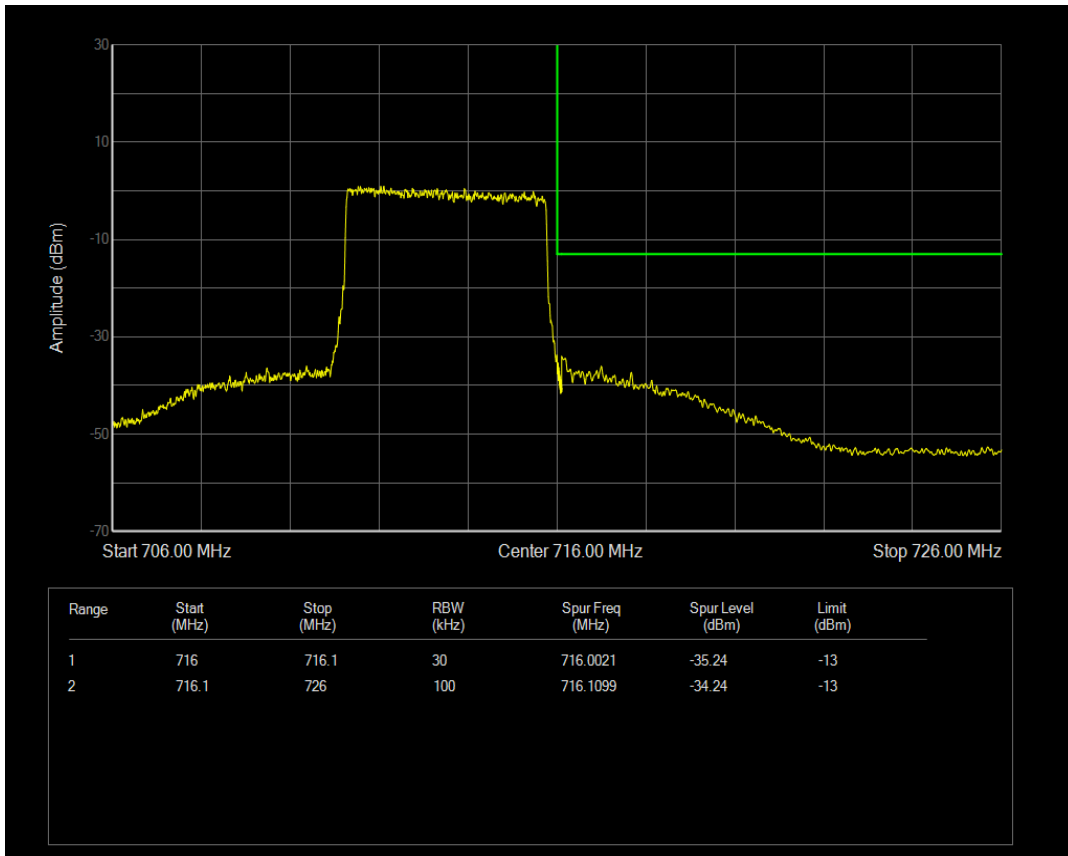
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



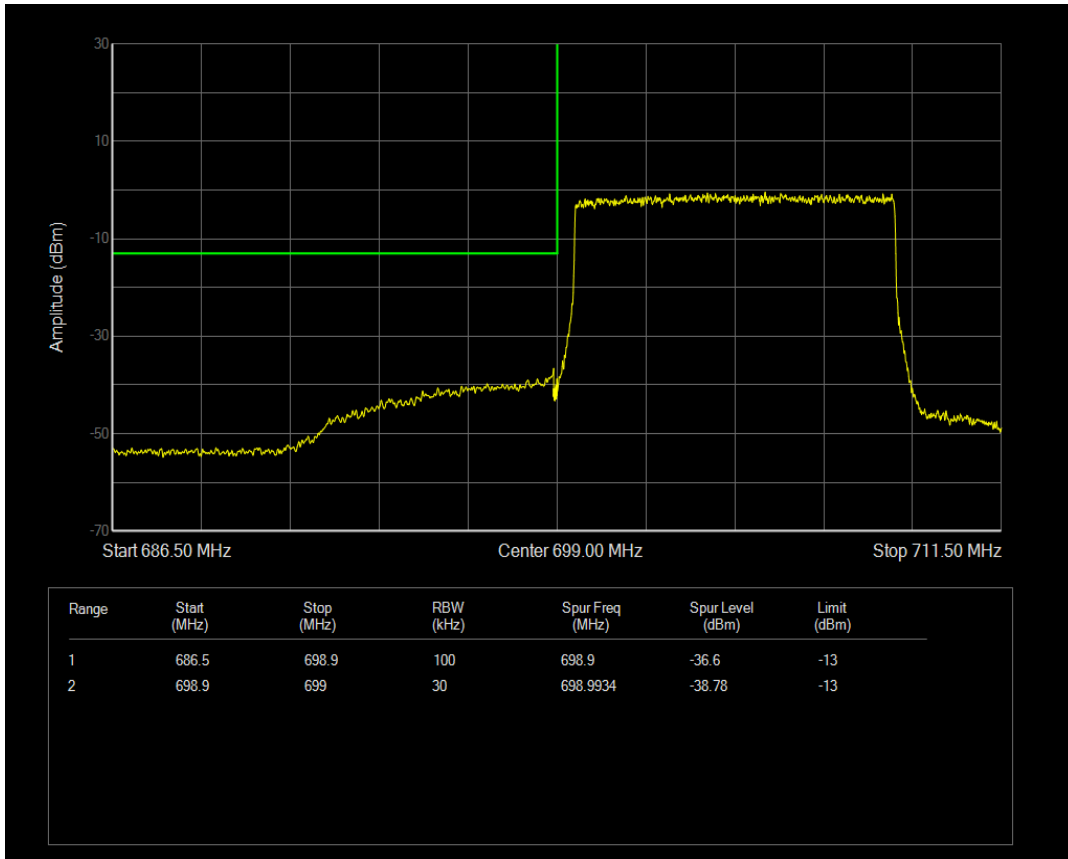
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



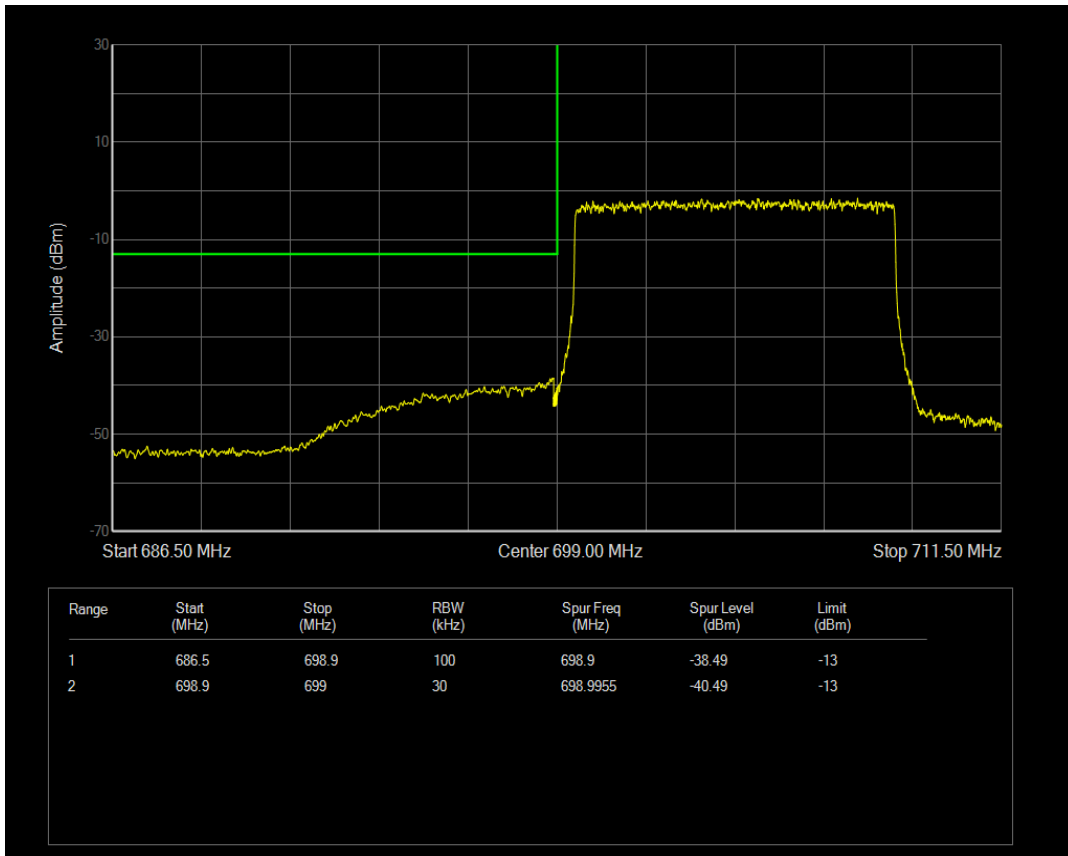
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



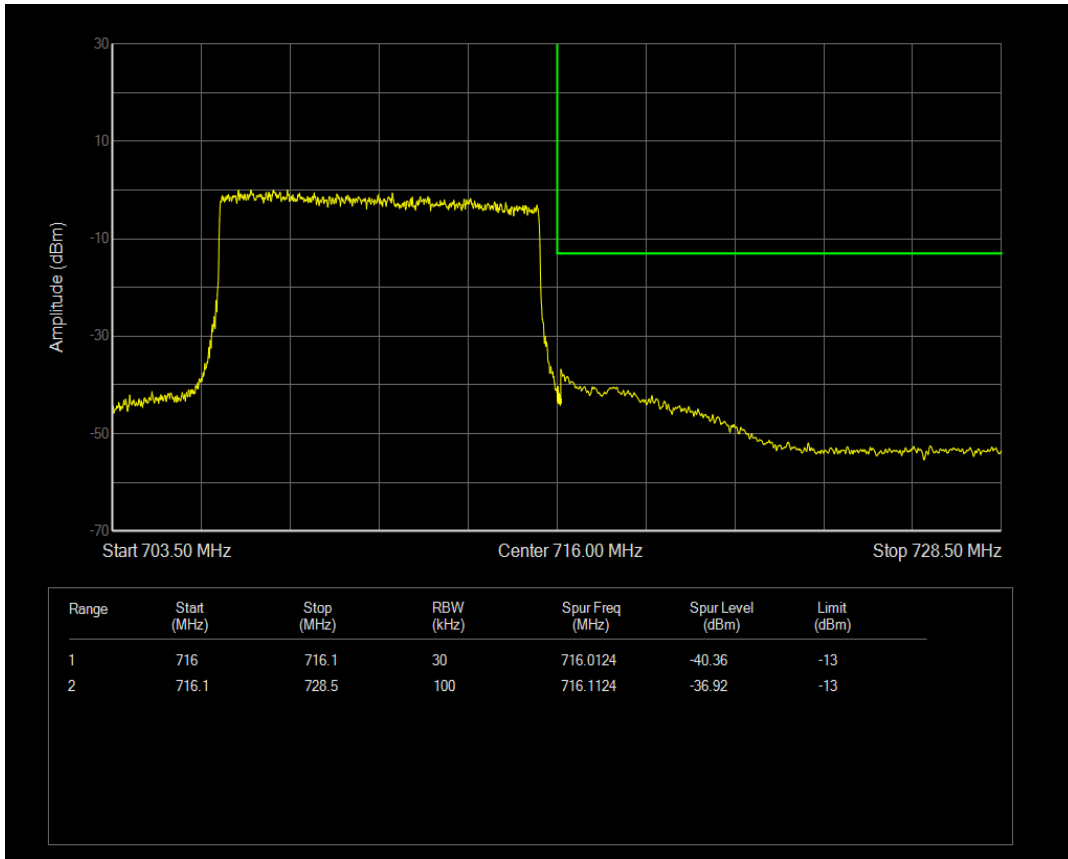
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



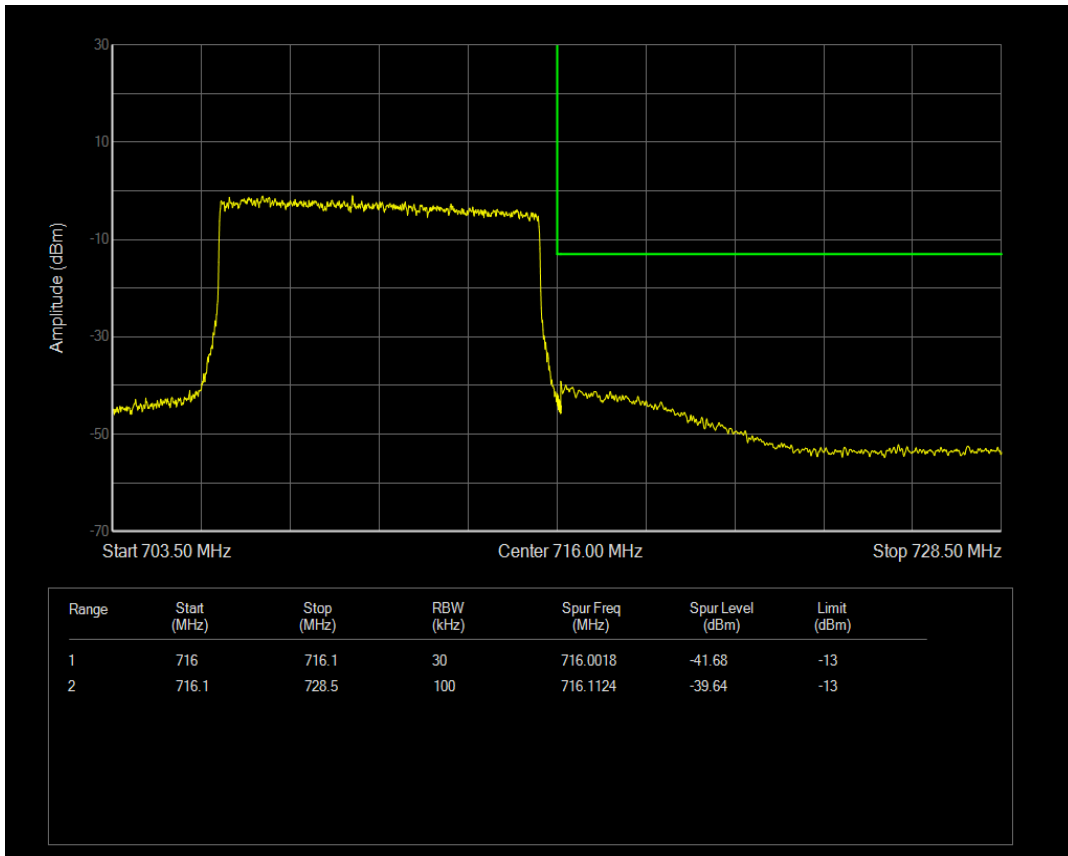
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



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



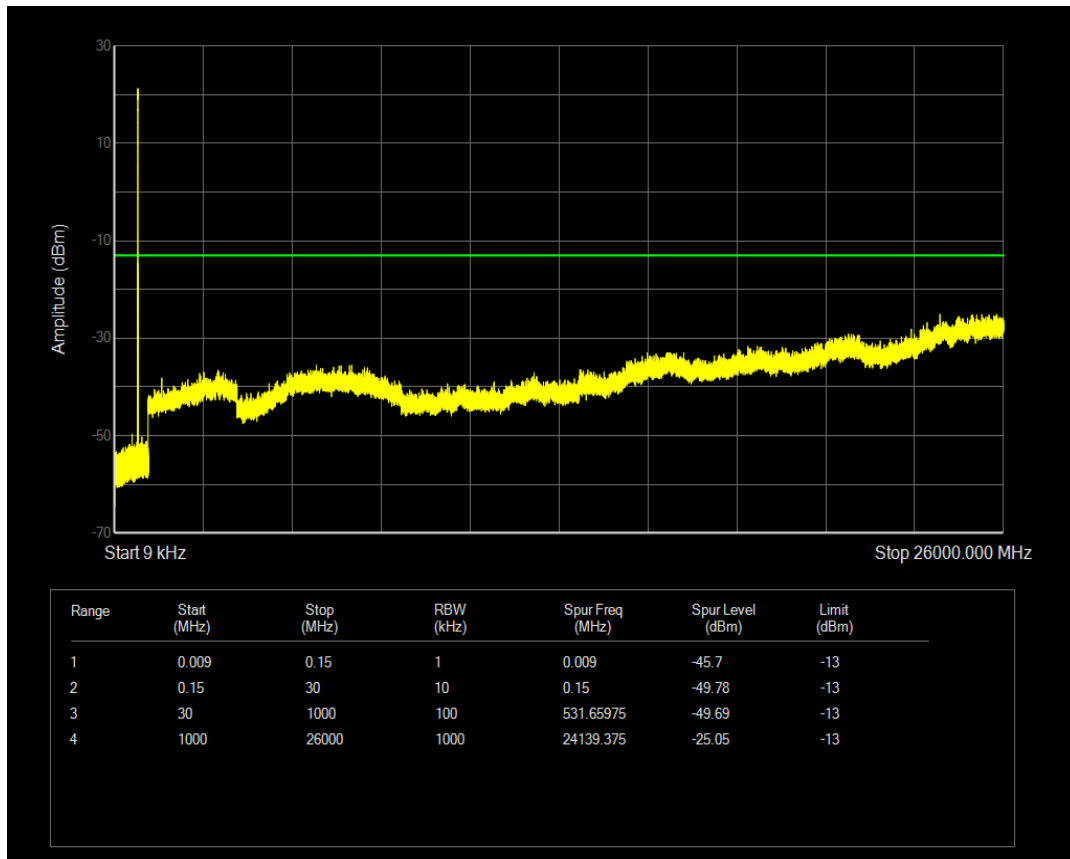
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0



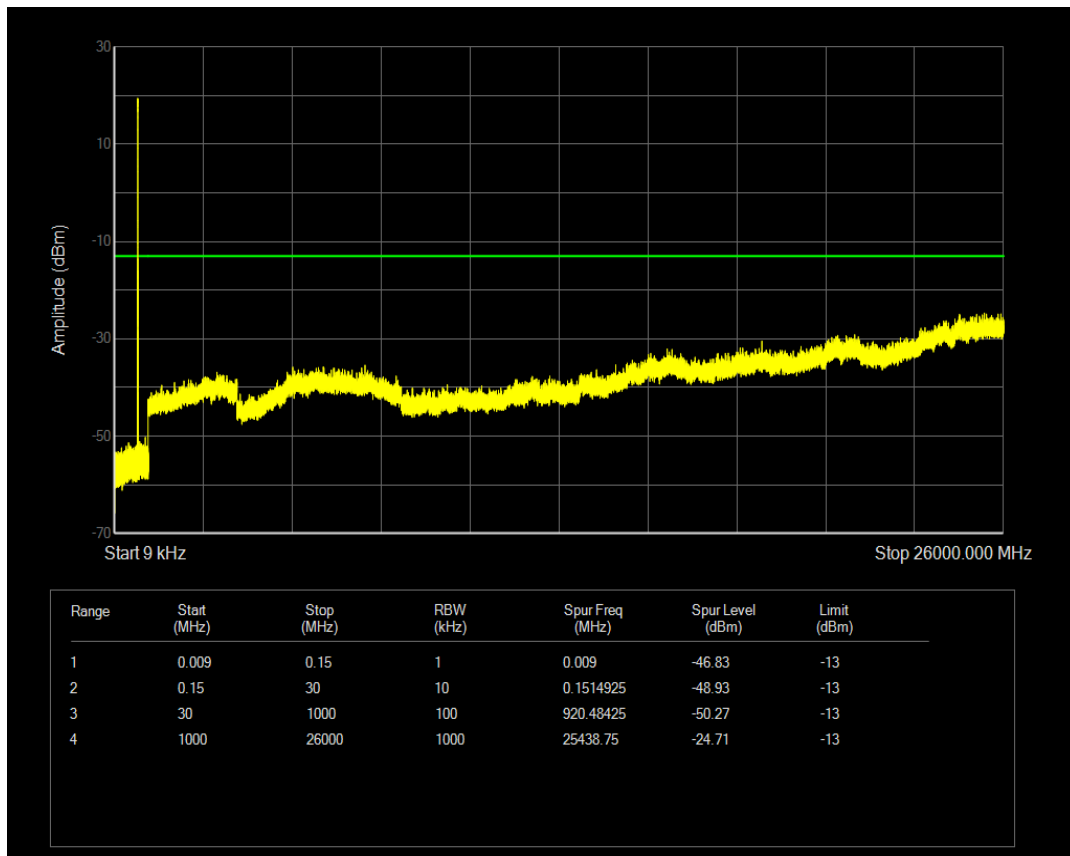
Appendix 6. Out-of-band emissions

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	24139.38	-25.05	-13	PASS
Band12	1.4	23017	6	#0	16QAM	25438.75	-24.71	-13	PASS
Band12	1.4	23095	6	#0	QPSK	24661.25	-24.29	-13	PASS
Band12	1.4	23095	6	#0	16QAM	25955.63	-24.41	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25102.50	-23.59	-13	PASS
Band12	1.4	23173	6	#0	16QAM	25353.75	-24.55	-13	PASS
Band12	3	23025	15	#0	QPSK	25963.75	-24.48	-13	PASS
Band12	3	23025	15	#0	16QAM	25085.00	-24.29	-13	PASS
Band12	3	23095	15	#0	QPSK	25125.63	-24.65	-13	PASS
Band12	3	23095	15	#0	16QAM	25318.75	-24.50	-13	PASS
Band12	3	23165	15	#0	QPSK	25755.63	-24.27	-13	PASS
Band12	3	23165	15	#0	16QAM	25800.63	-24.56	-13	PASS
Band12	5	23035	25	#0	QPSK	25418.13	-24.23	-13	PASS
Band12	5	23035	25	#0	16QAM	24686.25	-24.75	-13	PASS
Band12	5	23095	25	#0	QPSK	24648.75	-24.65	-13	PASS
Band12	5	23095	25	#0	16QAM	24682.50	-23.41	-13	PASS
Band12	5	23155	25	#0	QPSK	25090.00	-24.32	-13	PASS
Band12	5	23155	25	#0	16QAM	25376.88	-24.79	-13	PASS
Band12	10	23060	50	#0	QPSK	25642.50	-24.34	-13	PASS
Band12	10	23060	50	#0	16QAM	25291.88	-24.90	-13	PASS
Band12	10	23095	50	#0	QPSK	24223.75	-24.04	-13	PASS
Band12	10	23095	50	#0	16QAM	25868.75	-24.42	-13	PASS
Band12	10	23130	50	#0	QPSK	25755.63	-24.53	-13	PASS
Band12	10	23130	50	#0	16QAM	25988.13	-24.59	-13	PASS

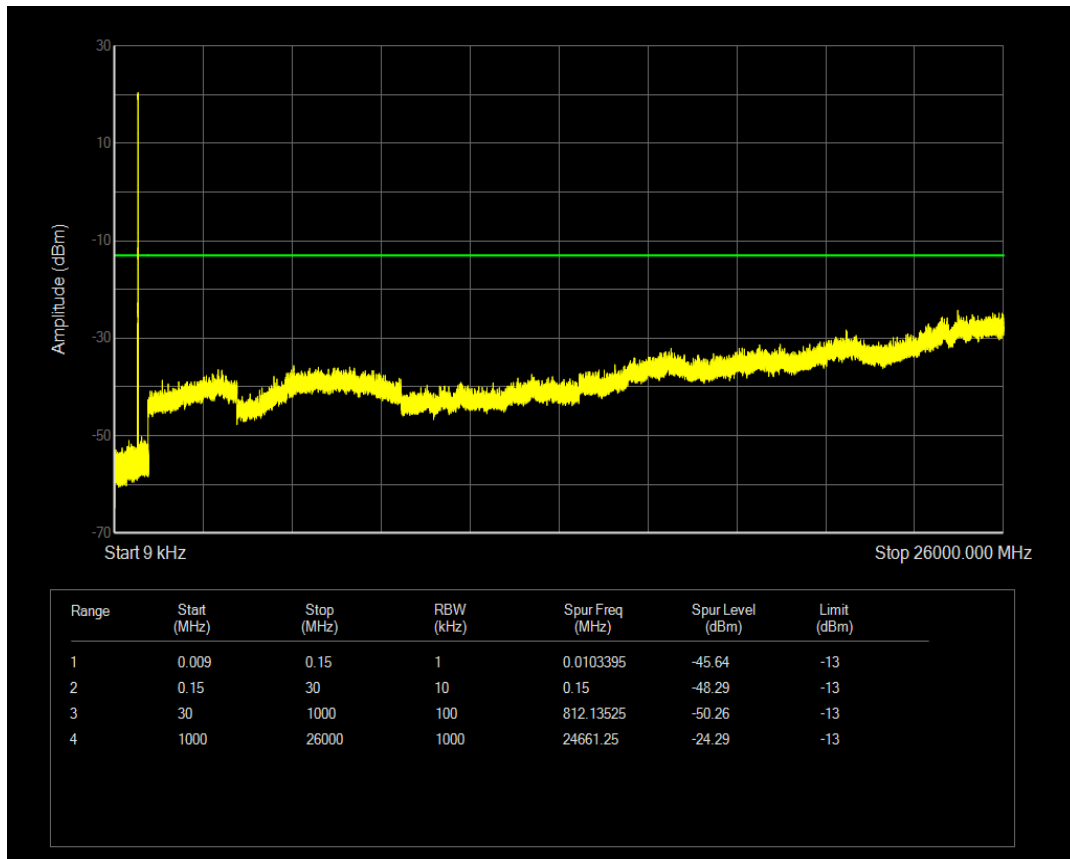
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



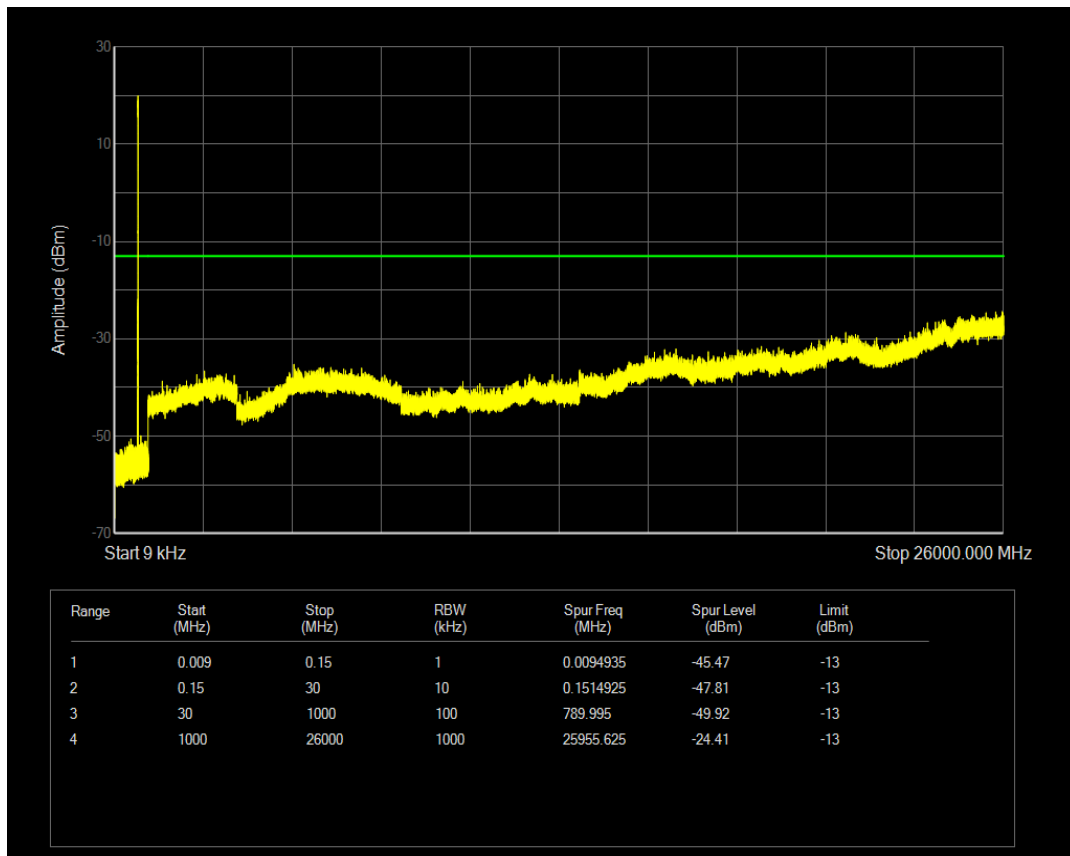
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



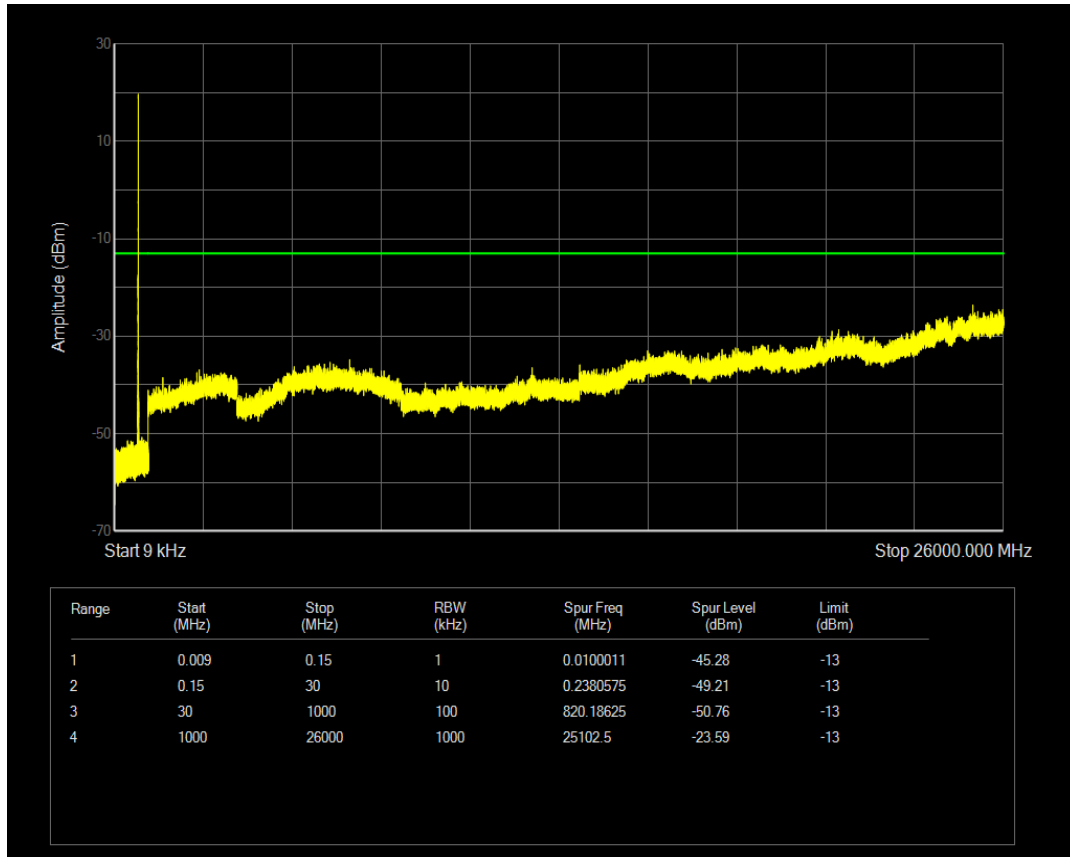
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



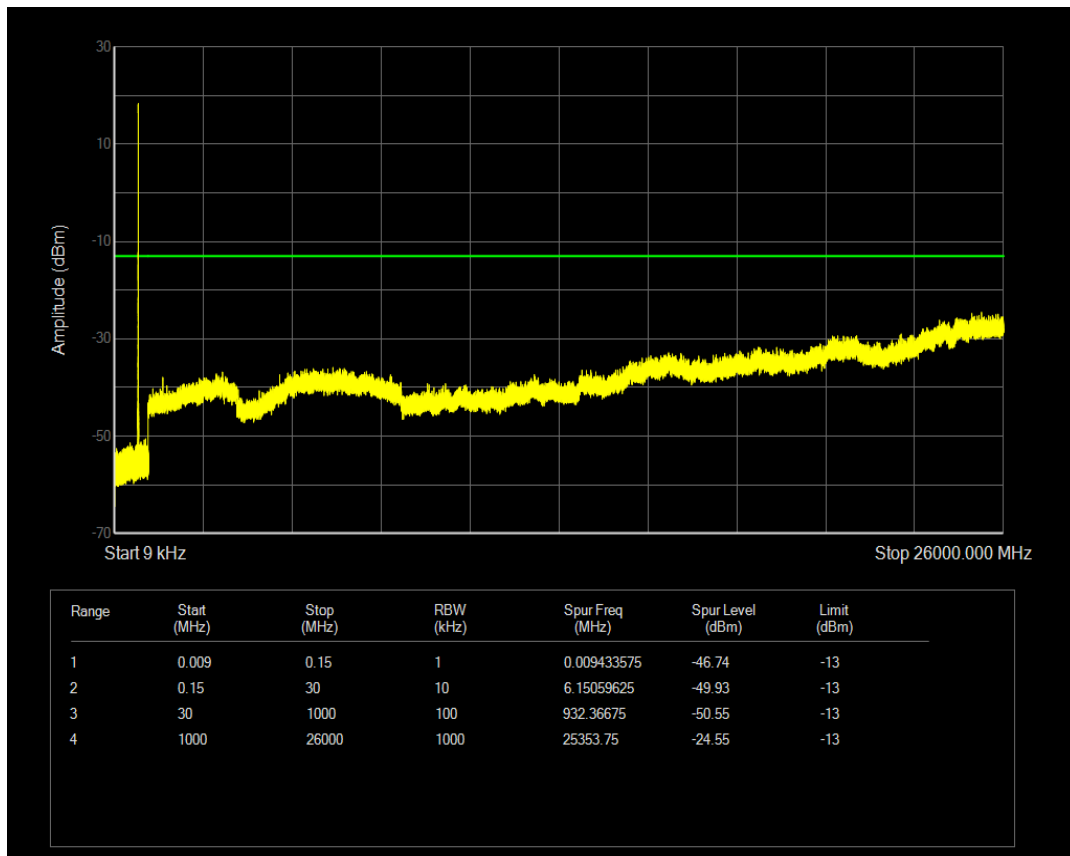
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



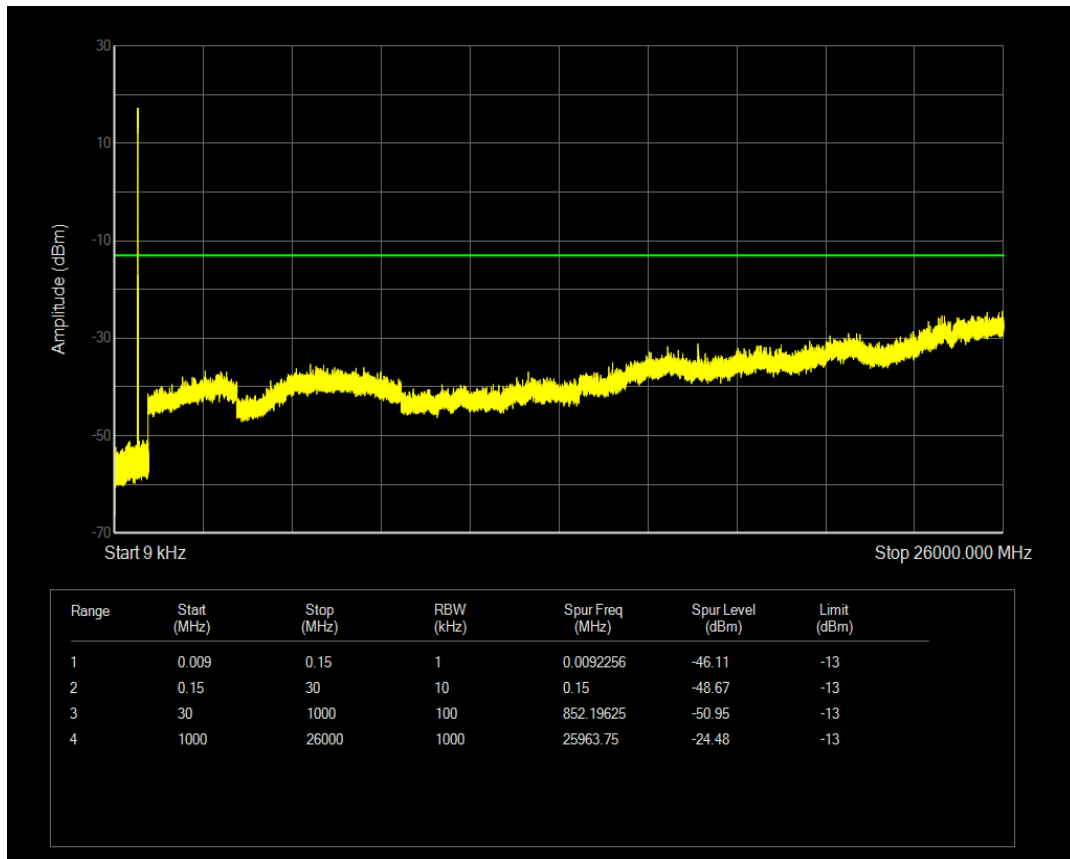
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



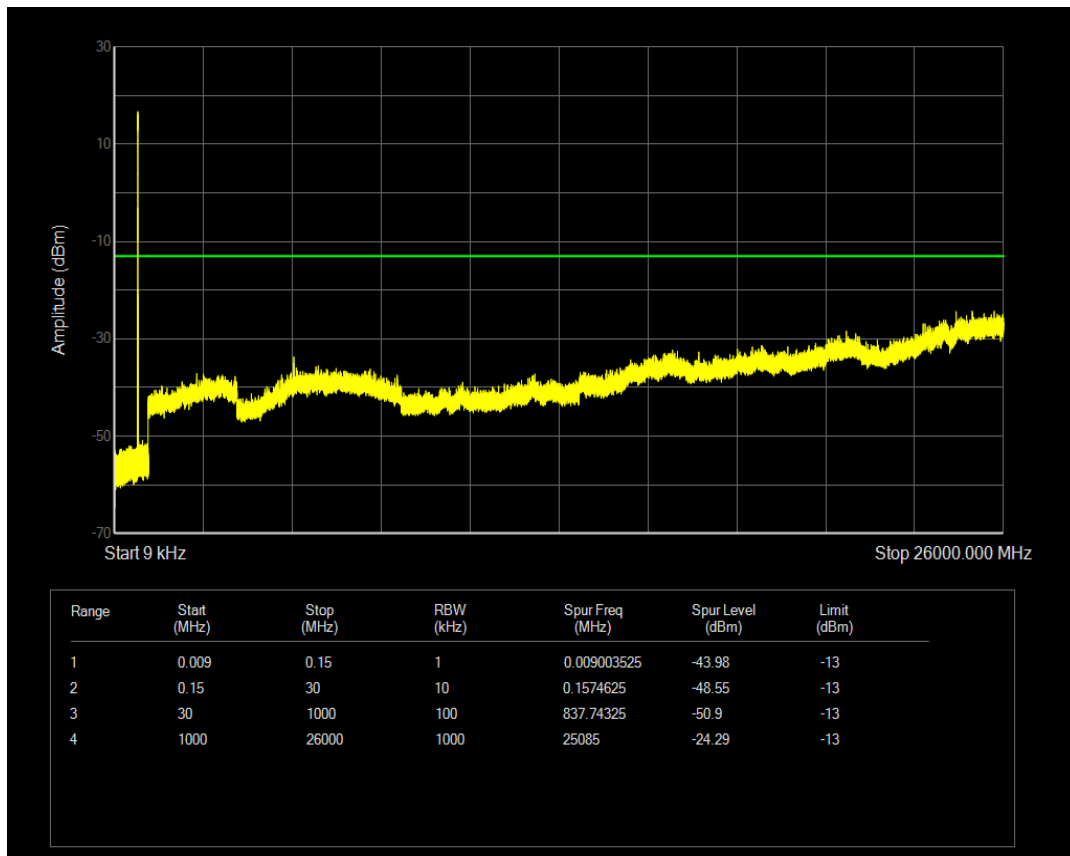
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



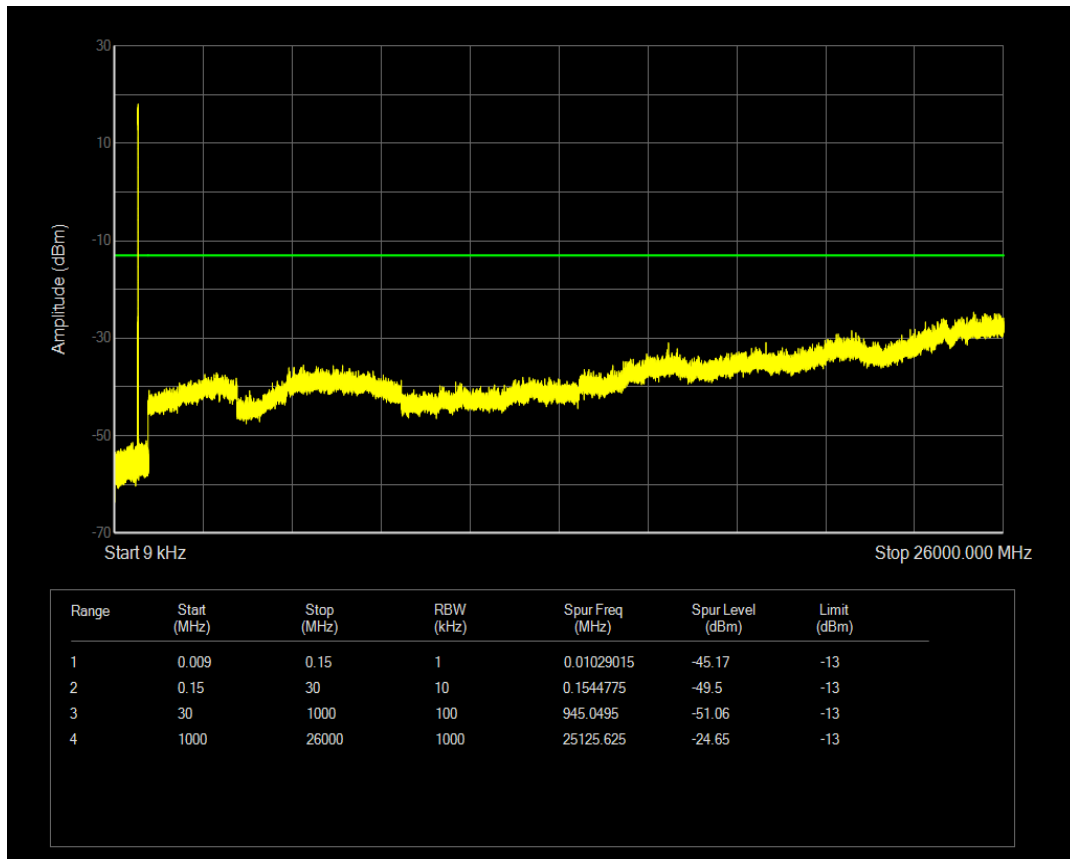
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



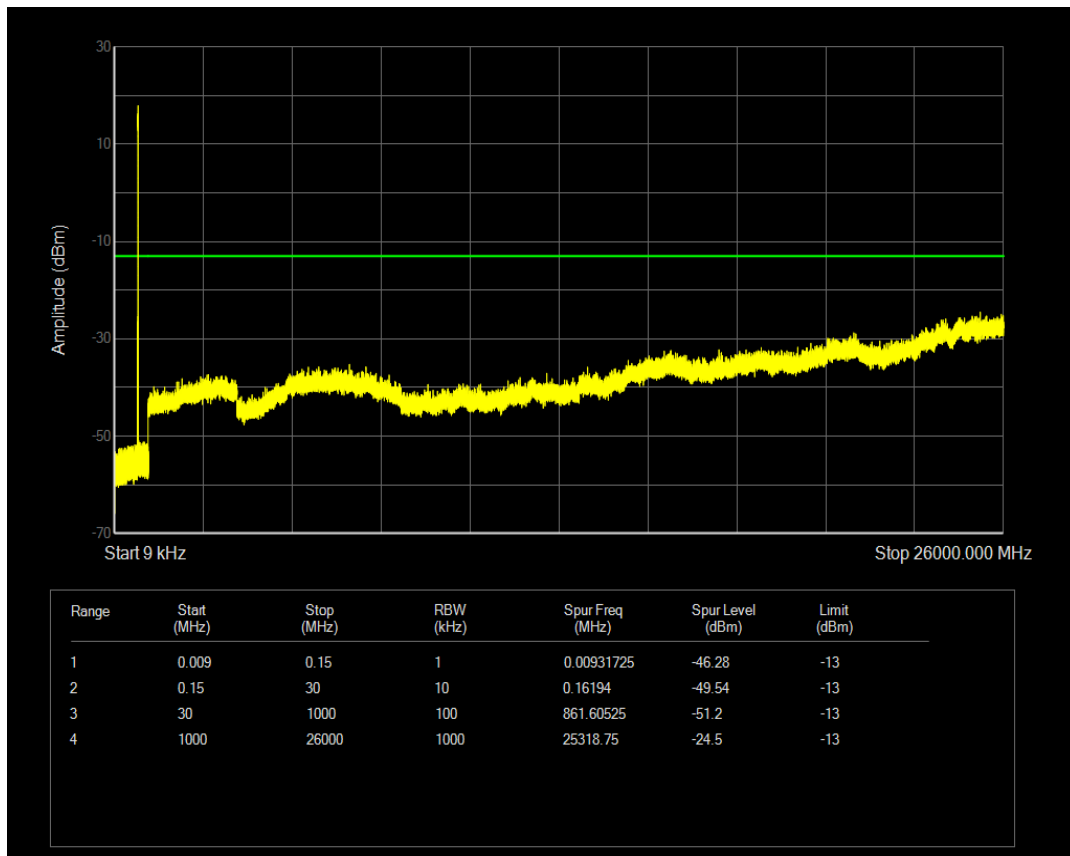
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



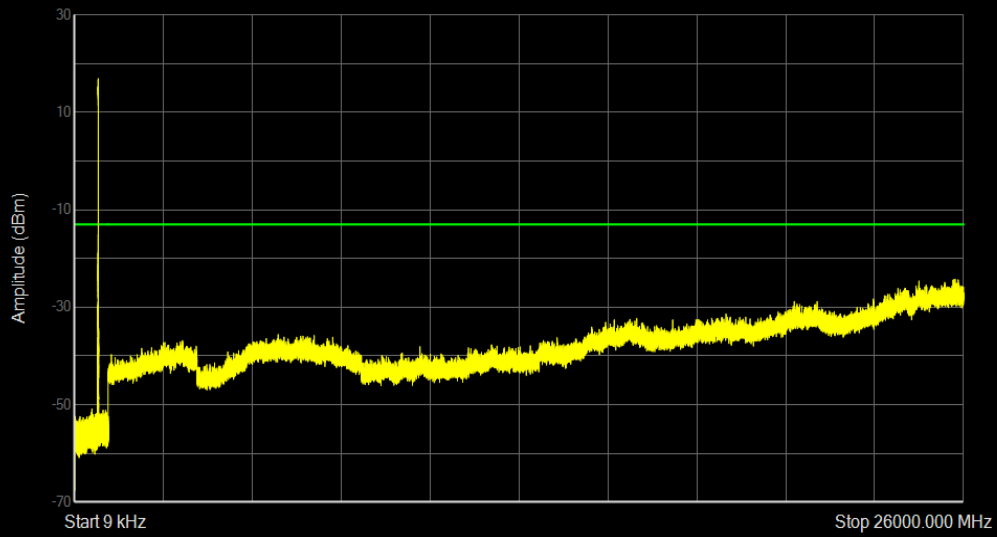
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



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

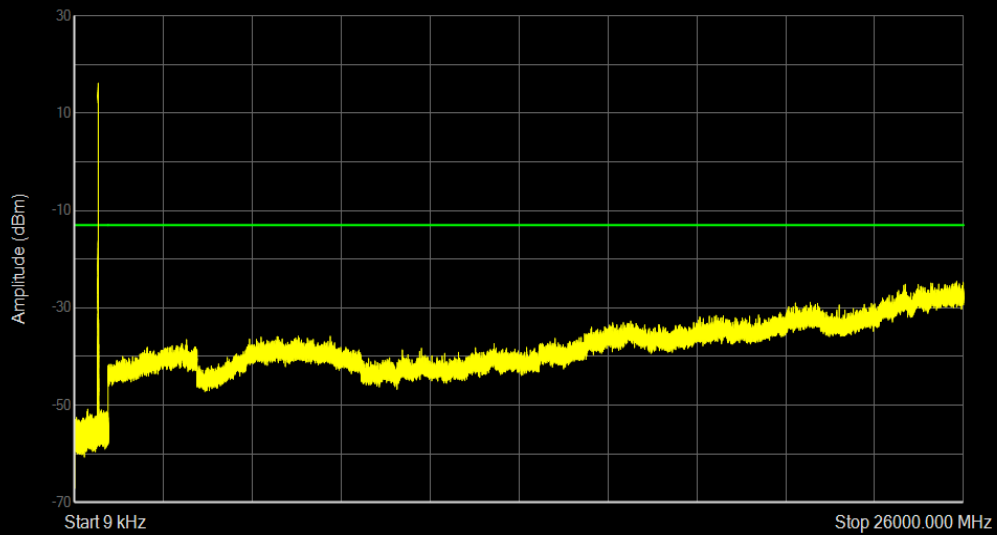


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



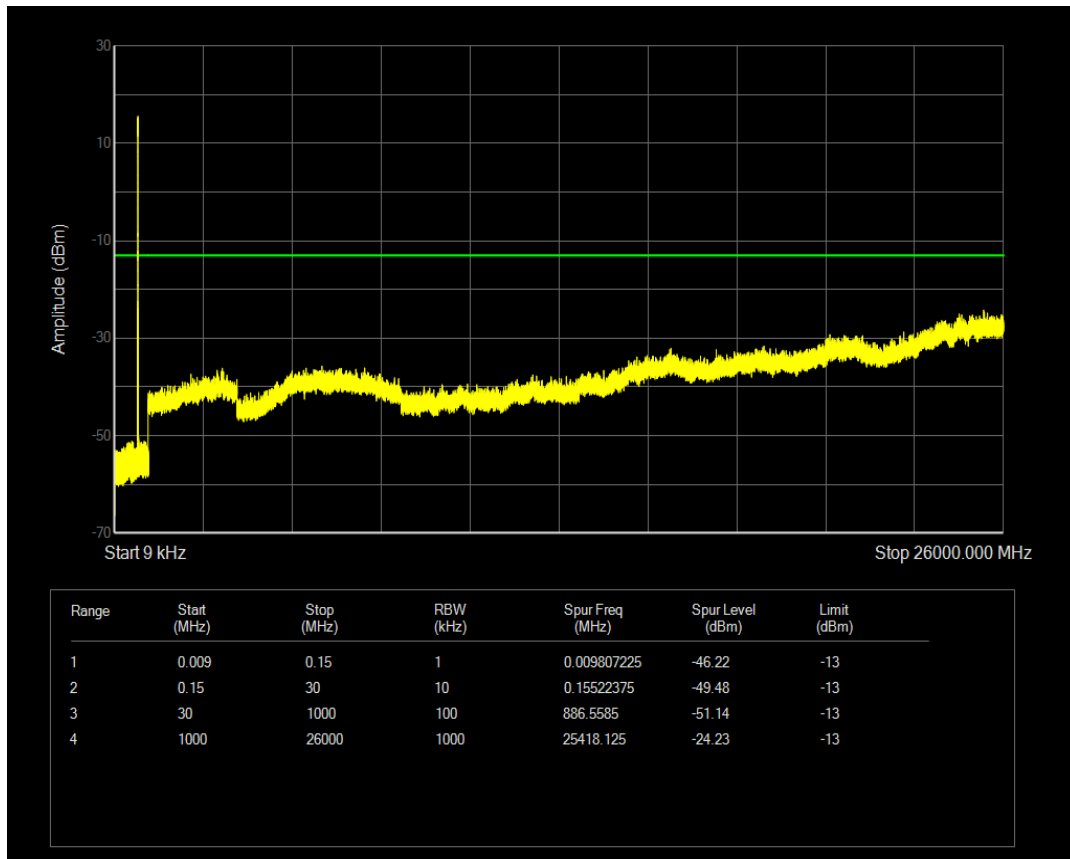
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009722625	-45.29	-13
2	0.15	30	10	0.15	-49.17	-13
3	30	1000	100	529.744	-50.86	-13
4	1000	26000	1000	25755.625	-24.27	-13

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

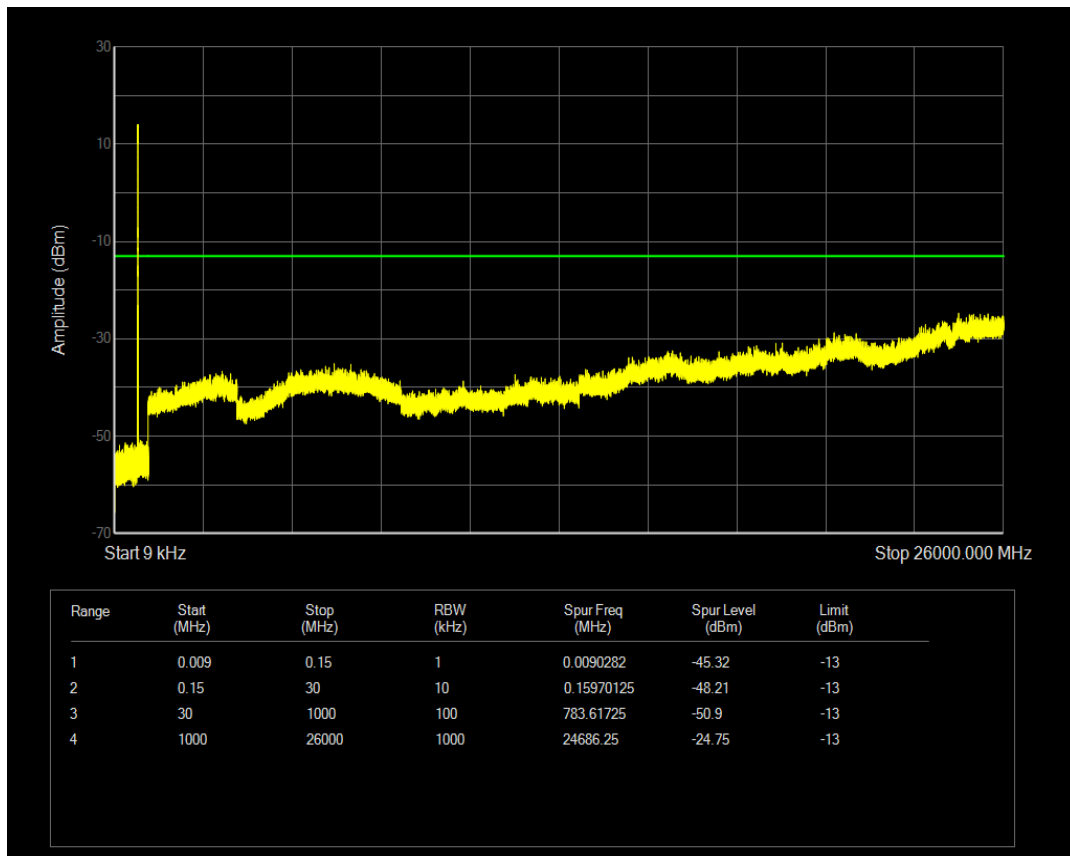


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009109275	-44.5	-13
2	0.15	30	10	0.15074625	-49.13	-13
3	30	1000	100	407.5725	-50.81	-13
4	1000	26000	1000	25800.625	-24.56	-13

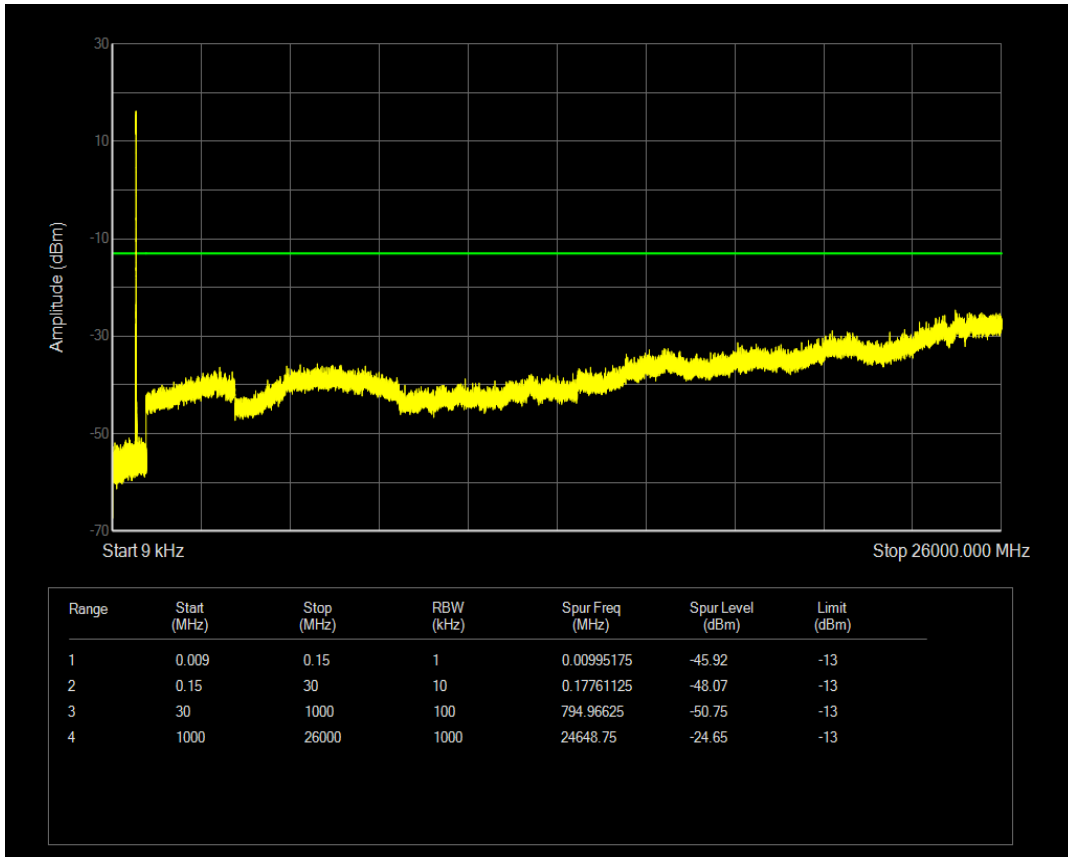
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



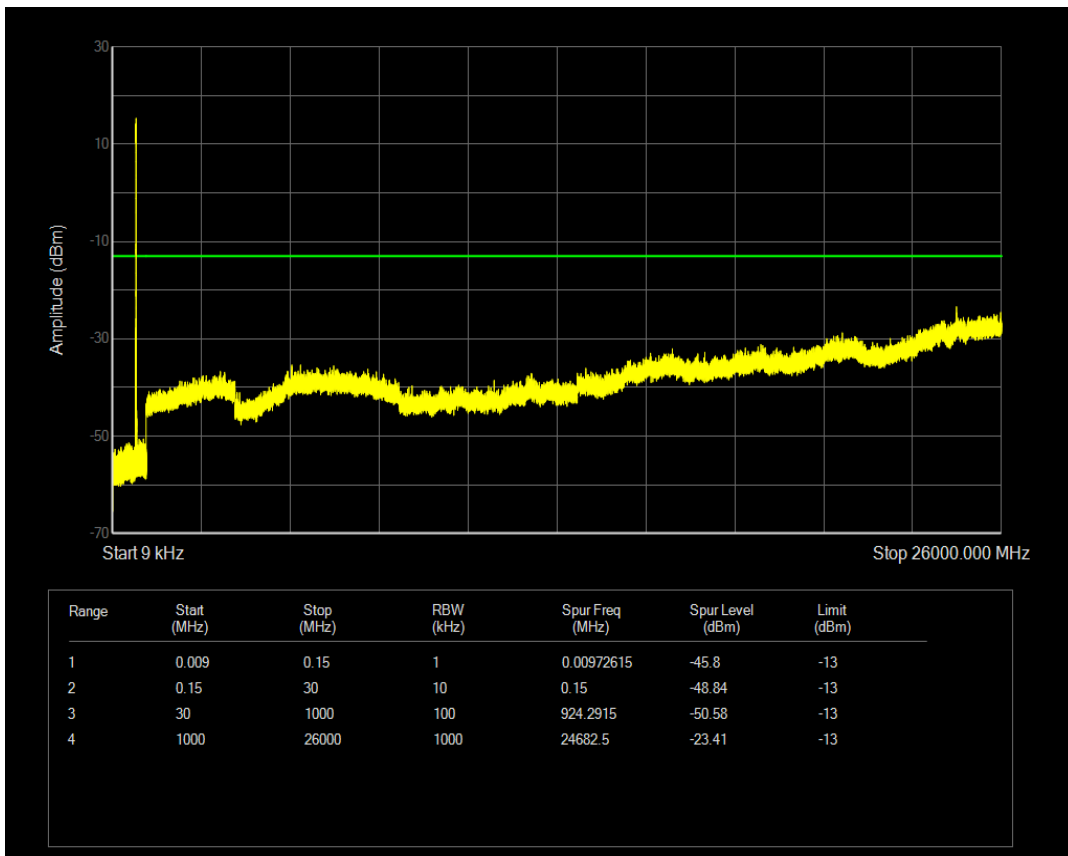
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



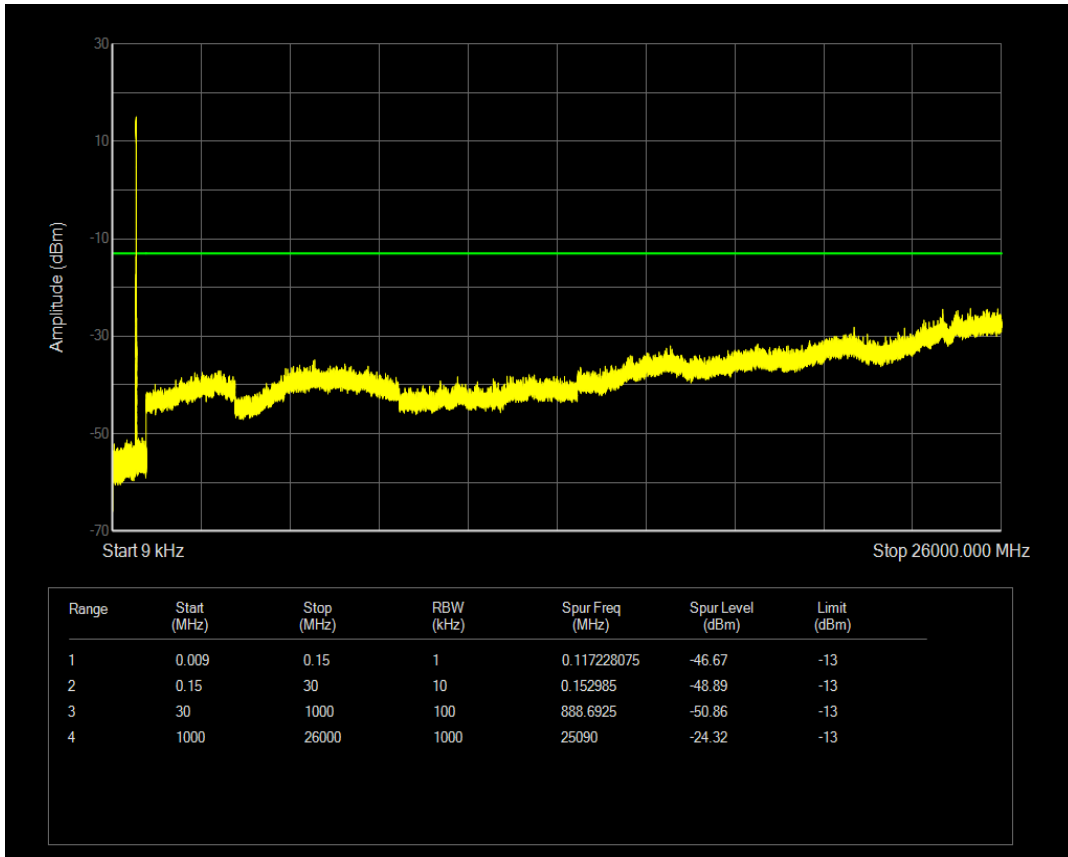
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



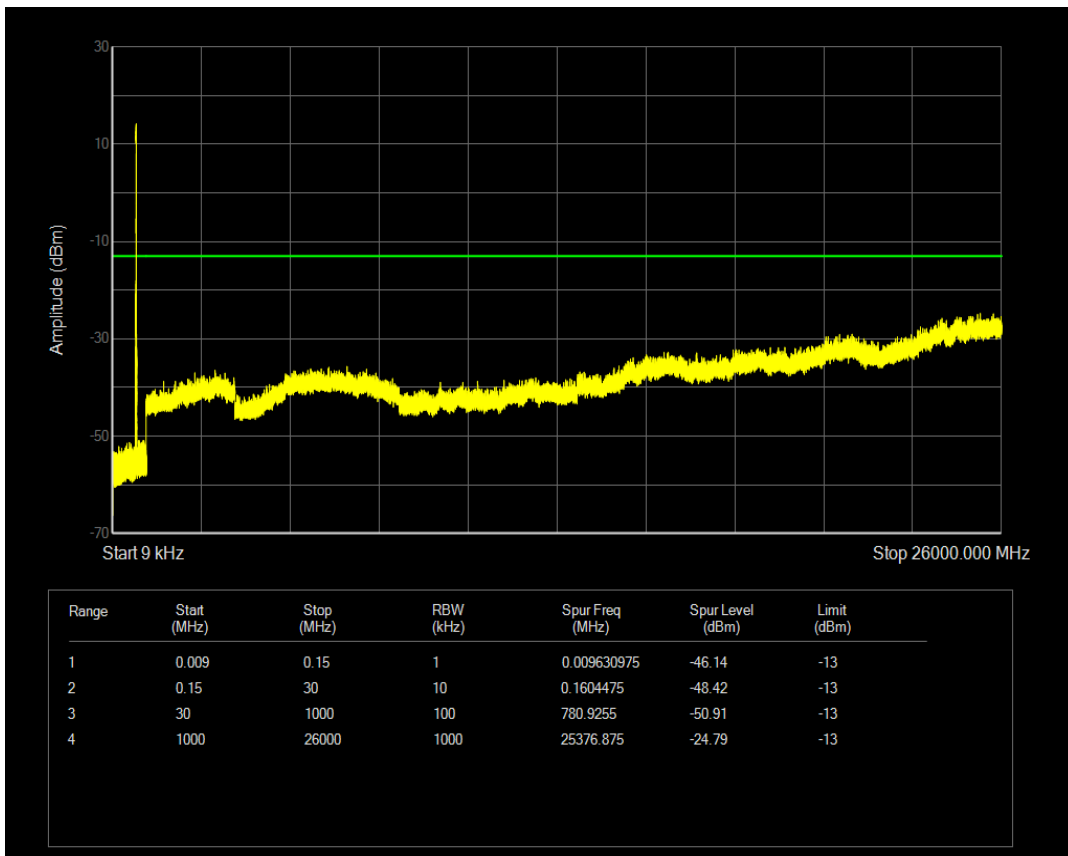
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



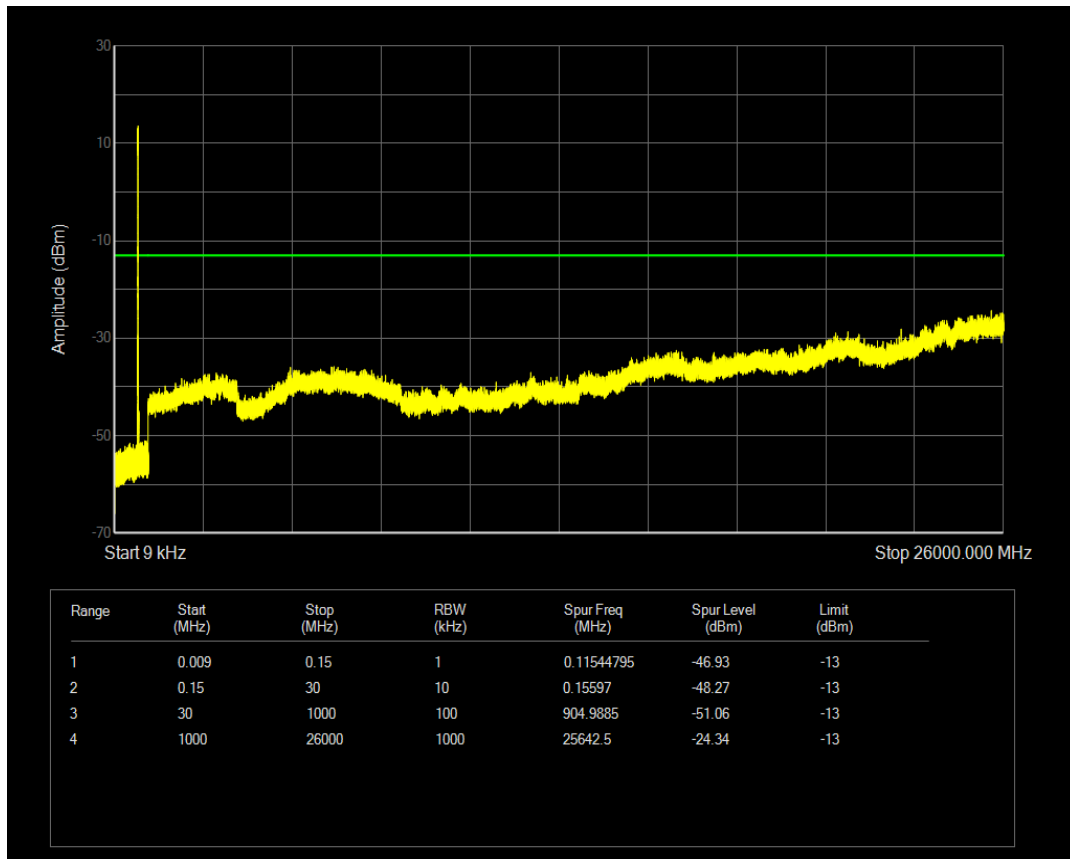
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



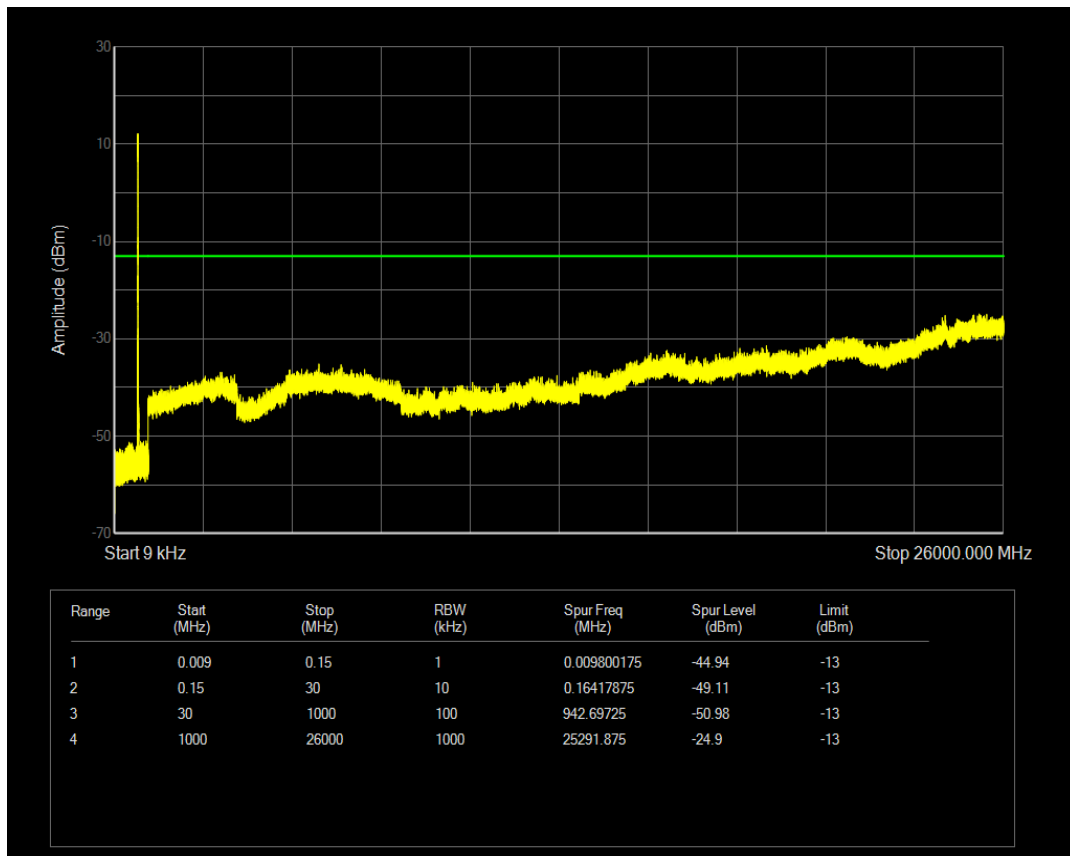
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



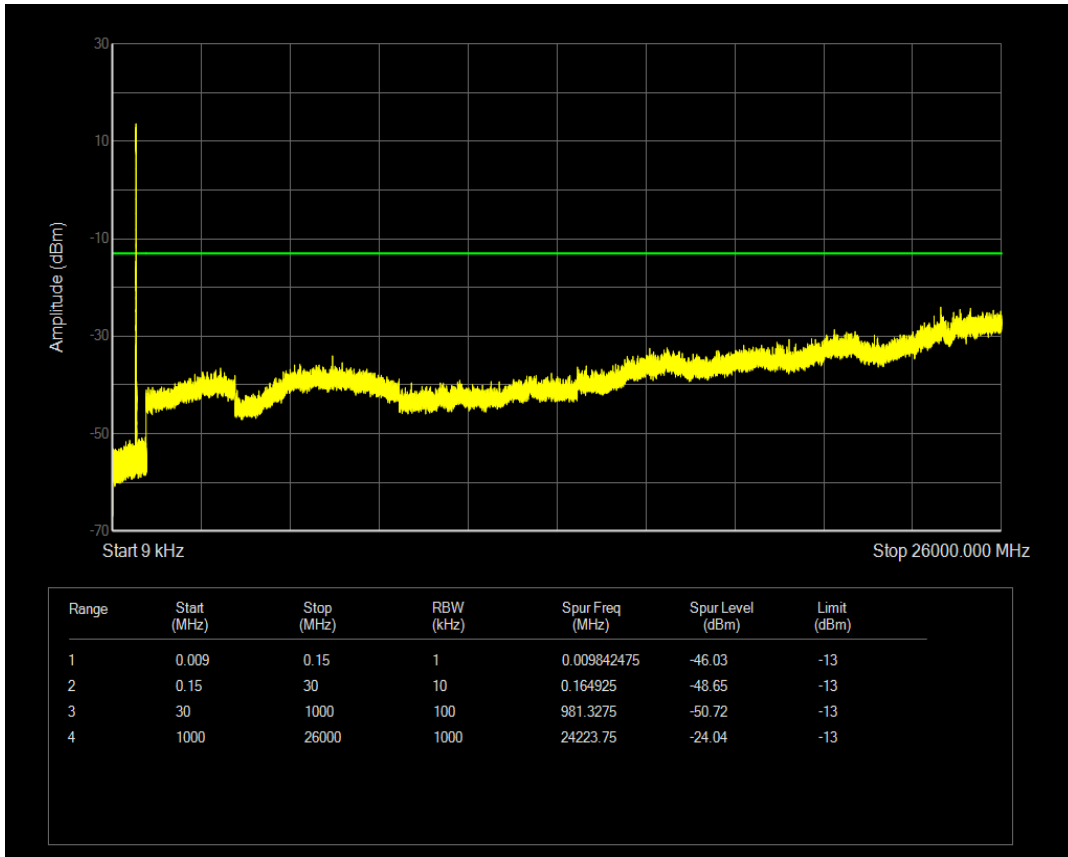
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



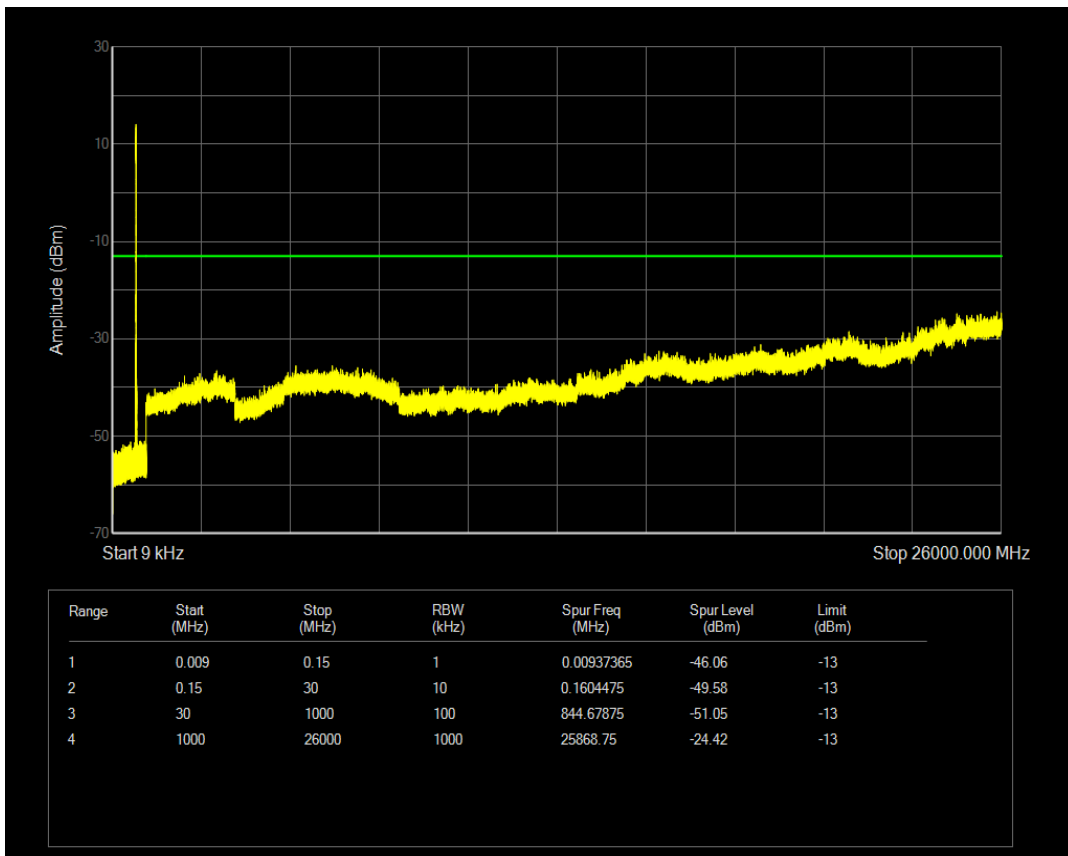
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



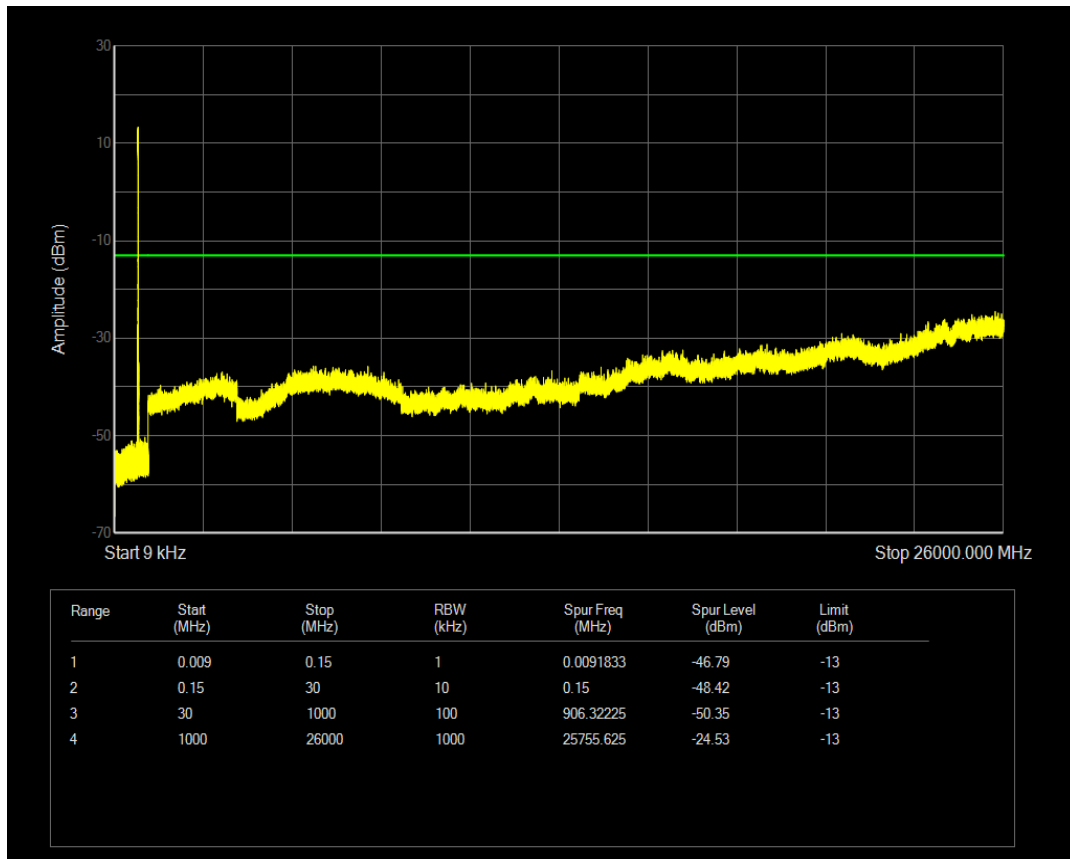
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



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

