

Appendix for Band 12

Report No.: BCTC2301721503-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

Model/Type
reference: WP22

Tested Date: 2023-01-11 to 2023-02-07

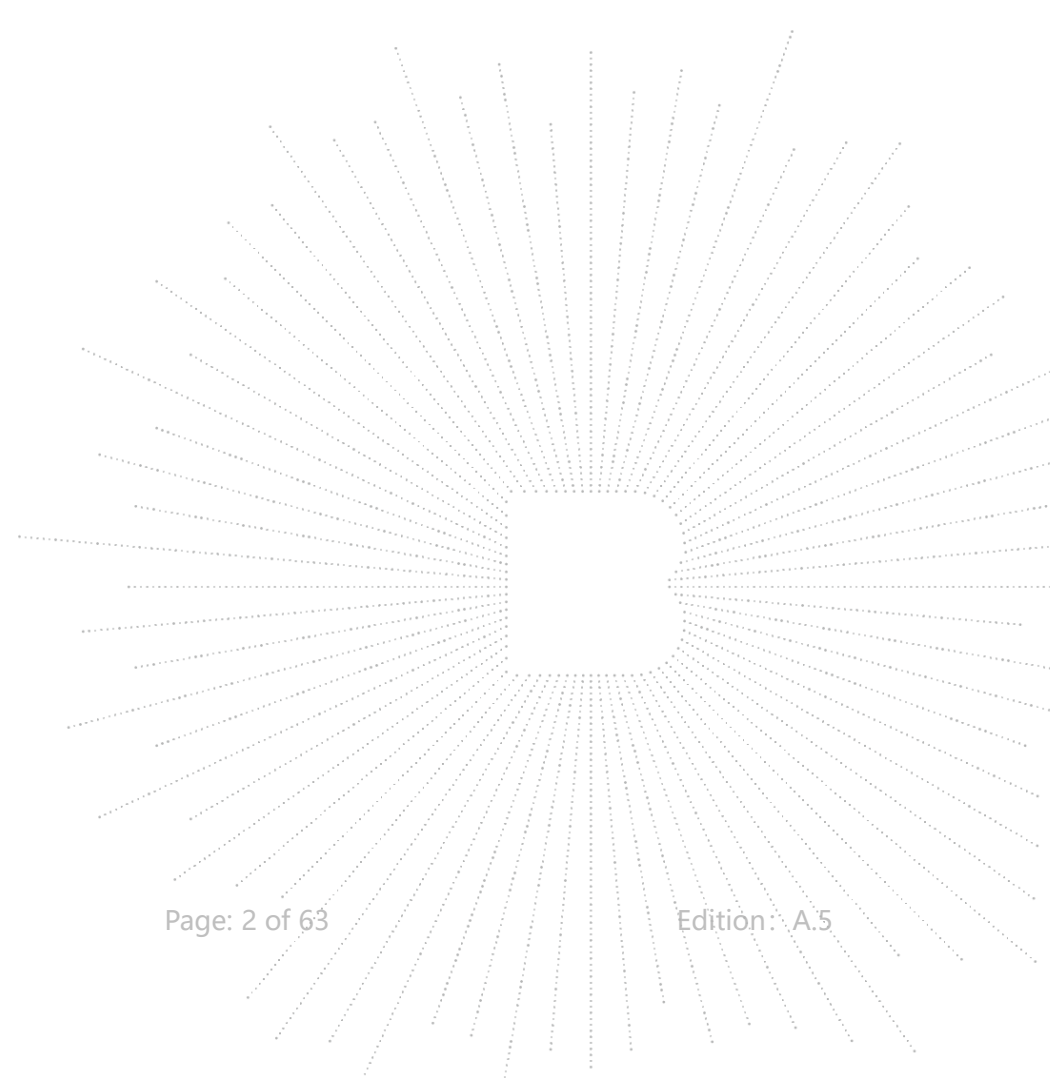
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Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.20	-0.42	20.63	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.23	-0.42	20.66	PASS
Band12	1.4	23017	1	#Max	QPSK	23.15	-0.42	20.58	PASS
Band12	1.4	23017	3	#0	QPSK	23.29	-0.42	20.72	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.27	-0.42	20.70	PASS
Band12	1.4	23017	3	#Max	QPSK	23.27	-0.42	20.70	PASS
Band12	1.4	23017	6	#0	QPSK	22.35	-0.42	19.78	PASS
Band12	1.4	23017	1	#0	QAM16	22.35	-0.42	19.78	PASS
Band12	1.4	23017	1	#Mid	QAM16	22.38	-0.42	19.81	PASS
Band12	1.4	23017	1	#Max	QAM16	22.30	-0.42	19.73	PASS
Band12	1.4	23017	3	#0	QAM16	22.45	-0.42	19.88	PASS
Band12	1.4	23017	3	#Mid	QAM16	22.53	-0.42	19.96	PASS
Band12	1.4	23017	3	#Max	QAM16	22.46	-0.42	19.89	PASS
Band12	1.4	23017	6	#0	QAM16	21.49	-0.42	18.92	PASS
Band12	1.4	23095	1	#0	QPSK	23.25	-0.42	20.68	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.29	-0.42	20.72	PASS
Band12	1.4	23095	1	#Max	QPSK	23.20	-0.42	20.63	PASS
Band12	1.4	23095	3	#0	QPSK	23.31	-0.42	20.74	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.30	-0.42	20.73	PASS
Band12	1.4	23095	3	#Max	QPSK	23.26	-0.42	20.69	PASS
Band12	1.4	23095	6	#0	QPSK	22.38	-0.42	19.81	PASS
Band12	1.4	23095	1	#0	QAM16	22.14	-0.42	19.57	PASS
Band12	1.4	23095	1	#Mid	QAM16	22.17	-0.42	19.60	PASS
Band12	1.4	23095	1	#Max	QAM16	22.15	-0.42	19.58	PASS
Band12	1.4	23095	3	#0	QAM16	22.45	-0.42	19.88	PASS
Band12	1.4	23095	3	#Mid	QAM16	22.45	-0.42	19.88	PASS
Band12	1.4	23095	3	#Max	QAM16	22.49	-0.42	19.92	PASS
Band12	1.4	23095	6	#0	QAM16	21.58	-0.42	19.01	PASS
Band12	1.4	23173	1	#0	QPSK	23.34	-0.42	20.77	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.40	-0.42	20.83	PASS
Band12	1.4	23173	1	#Max	QPSK	23.34	-0.42	20.77	PASS
Band12	1.4	23173	3	#0	QPSK	23.30	-0.42	20.73	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.34	-0.42	20.77	PASS
Band12	1.4	23173	3	#Max	QPSK	23.32	-0.42	20.75	PASS
Band12	1.4	23173	6	#0	QPSK	22.45	-0.42	19.88	PASS
Band12	1.4	23173	1	#0	QAM16	22.41	-0.42	19.84	PASS
Band12	1.4	23173	1	#Mid	QAM16	22.47	-0.42	19.90	PASS
Band12	1.4	23173	1	#Max	QAM16	22.41	-0.42	19.84	PASS

Band12	1.4	23173	3	#0	QAM16	22.51	-0.42	19.94	PASS
Band12	1.4	23173	3	#Mid	QAM16	22.54	-0.42	19.97	PASS
Band12	1.4	23173	3	#Max	QAM16	22.50	-0.42	19.93	PASS
Band12	1.4	23173	6	#0	QAM16	21.60	-0.42	19.03	PASS
Band12	3	23025	1	#0	QPSK	23.05	-0.42	20.48	PASS
Band12	3	23025	1	#Mid	QPSK	23.10	-0.42	20.53	PASS
Band12	3	23025	1	#Max	QPSK	23.01	-0.42	20.44	PASS
Band12	3	23025	8	#0	QPSK	22.24	-0.42	19.67	PASS
Band12	3	23025	8	#Mid	QPSK	22.30	-0.42	19.73	PASS
Band12	3	23025	8	#Max	QPSK	22.26	-0.42	19.69	PASS
Band12	3	23025	15	#0	QPSK	22.26	-0.42	19.69	PASS
Band12	3	23025	1	#0	QAM16	22.26	-0.42	19.69	PASS
Band12	3	23025	1	#Mid	QAM16	22.32	-0.42	19.75	PASS
Band12	3	23025	1	#Max	QAM16	22.24	-0.42	19.67	PASS
Band12	3	23025	8	#0	QAM16	21.26	-0.42	18.69	PASS
Band12	3	23025	8	#Mid	QAM16	21.31	-0.42	18.74	PASS
Band12	3	23025	8	#Max	QAM16	21.22	-0.42	18.65	PASS
Band12	3	23025	15	#0	QAM16	21.23	-0.42	18.66	PASS
Band12	3	23095	1	#0	QPSK	23.06	-0.42	20.49	PASS
Band12	3	23095	1	#Mid	QPSK	23.17	-0.42	20.60	PASS
Band12	3	23095	1	#Max	QPSK	23.13	-0.42	20.56	PASS
Band12	3	23095	8	#0	QPSK	22.20	-0.42	19.63	PASS
Band12	3	23095	8	#Mid	QPSK	22.35	-0.42	19.78	PASS
Band12	3	23095	8	#Max	QPSK	22.31	-0.42	19.74	PASS
Band12	3	23095	15	#0	QPSK	22.34	-0.42	19.77	PASS
Band12	3	23095	1	#0	QAM16	21.99	-0.42	19.42	PASS
Band12	3	23095	1	#Mid	QAM16	22.07	-0.42	19.50	PASS
Band12	3	23095	1	#Max	QAM16	22.01	-0.42	19.44	PASS
Band12	3	23095	8	#0	QAM16	21.22	-0.42	18.65	PASS
Band12	3	23095	8	#Mid	QAM16	21.32	-0.42	18.75	PASS
Band12	3	23095	8	#Max	QAM16	21.37	-0.42	18.80	PASS
Band12	3	23095	15	#0	QAM16	21.41	-0.42	18.84	PASS
Band12	3	23165	1	#0	QPSK	23.04	-0.42	20.47	PASS
Band12	3	23165	1	#Mid	QPSK	23.18	-0.42	20.61	PASS
Band12	3	23165	1	#Max	QPSK	23.11	-0.42	20.54	PASS
Band12	3	23165	8	#0	QPSK	22.38	-0.42	19.81	PASS
Band12	3	23165	8	#Mid	QPSK	22.43	-0.42	19.86	PASS
Band12	3	23165	8	#Max	QPSK	22.43	-0.42	19.86	PASS
Band12	3	23165	15	#0	QPSK	22.41	-0.42	19.84	PASS
Band12	3	23165	1	#0	QAM16	22.53	-0.42	19.96	PASS
Band12	3	23165	1	#Mid	QAM16	22.64	-0.42	20.07	PASS
Band12	3	23165	1	#Max	QAM16	22.51	-0.42	19.94	PASS
Band12	3	23165	8	#0	QAM16	21.37	-0.42	18.80	PASS

Band12	3	23165	8	#Mid	QAM16	21.49	-0.42	18.92	PASS
Band12	3	23165	8	#Max	QAM16	21.43	-0.42	18.86	PASS
Band12	3	23165	15	#0	QAM16	21.40	-0.42	18.83	PASS
Band12	5	23035	1	#0	QPSK	23.33	-0.42	20.76	PASS
Band12	5	23035	1	#Mid	QPSK	23.33	-0.42	20.76	PASS
Band12	5	23035	1	#Max	QPSK	23.33	-0.42	20.76	PASS
Band12	5	23035	12	#0	QPSK	22.33	-0.42	19.76	PASS
Band12	5	23035	12	#Mid	QPSK	22.39	-0.42	19.82	PASS
Band12	5	23035	12	#Max	QPSK	22.26	-0.42	19.69	PASS
Band12	5	23035	25	#0	QPSK	22.33	-0.42	19.76	PASS
Band12	5	23035	1	#0	QAM16	22.61	-0.42	20.04	PASS
Band12	5	23035	1	#Mid	QAM16	22.67	-0.42	20.10	PASS
Band12	5	23035	1	#Max	QAM16	22.66	-0.42	20.09	PASS
Band12	5	23035	12	#0	QAM16	21.31	-0.42	18.74	PASS
Band12	5	23035	12	#Mid	QAM16	21.33	-0.42	18.76	PASS
Band12	5	23035	12	#Max	QAM16	21.22	-0.42	18.65	PASS
Band12	5	23035	25	#0	QAM16	21.33	-0.42	18.76	PASS
Band12	5	23095	1	#0	QPSK	23.30	-0.42	20.73	PASS
Band12	5	23095	1	#Mid	QPSK	23.35	-0.42	20.78	PASS
Band12	5	23095	1	#Max	QPSK	23.26	-0.42	20.69	PASS
Band12	5	23095	12	#0	QPSK	22.27	-0.42	19.70	PASS
Band12	5	23095	12	#Mid	QPSK	22.43	-0.42	19.86	PASS
Band12	5	23095	12	#Max	QPSK	22.53	-0.42	19.96	PASS
Band12	5	23095	25	#0	QPSK	22.43	-0.42	19.86	PASS
Band12	5	23095	1	#0	QAM16	22.69	-0.42	20.12	PASS
Band12	5	23095	1	#Mid	QAM16	22.73	-0.42	20.16	PASS
Band12	5	23095	1	#Max	QAM16	22.65	-0.42	20.08	PASS
Band12	5	23095	12	#0	QAM16	21.30	-0.42	18.73	PASS
Band12	5	23095	12	#Mid	QAM16	21.46	-0.42	18.89	PASS
Band12	5	23095	12	#Max	QAM16	21.54	-0.42	18.97	PASS
Band12	5	23095	25	#0	QAM16	21.42	-0.42	18.85	PASS
Band12	5	23155	1	#0	QPSK	23.31	-0.42	20.74	PASS
Band12	5	23155	1	#Mid	QPSK	23.36	-0.42	20.79	PASS
Band12	5	23155	1	#Max	QPSK	23.38	-0.42	20.81	PASS
Band12	5	23155	12	#0	QPSK	22.47	-0.42	19.90	PASS
Band12	5	23155	12	#Mid	QPSK	22.47	-0.42	19.90	PASS
Band12	5	23155	12	#Max	QPSK	22.46	-0.42	19.89	PASS
Band12	5	23155	25	#0	QPSK	22.49	-0.42	19.92	PASS
Band12	5	23155	1	#0	QAM16	22.81	-0.42	20.24	PASS
Band12	5	23155	1	#Mid	QAM16	22.90	-0.42	20.33	PASS
Band12	5	23155	1	#Max	QAM16	22.90	-0.42	20.33	PASS
Band12	5	23155	12	#0	QAM16	21.50	-0.42	18.93	PASS
Band12	5	23155	12	#Mid	QAM16	21.45	-0.42	18.88	PASS

Band12	5	23155	12	#Max	QAM16	21.42	-0.42	18.85	PASS
Band12	5	23155	25	#0	QAM16	21.48	-0.42	18.91	PASS
Band12	10	23060	1	#0	QPSK	23.42	-0.42	20.85	PASS
Band12	10	23060	1	#Mid	QPSK	23.41	-0.42	20.84	PASS
Band12	10	23060	1	#Max	QPSK	23.45	-0.42	20.88	PASS
Band12	10	23060	25	#0	QPSK	22.47	-0.42	19.90	PASS
Band12	10	23060	25	#Mid	QPSK	22.48	-0.42	19.91	PASS
Band12	10	23060	25	#Max	QPSK	22.55	-0.42	19.98	PASS
Band12	10	23060	50	#0	QPSK	22.55	-0.42	19.98	PASS
Band12	10	23060	1	#0	QAM16	22.58	-0.42	20.01	PASS
Band12	10	23060	1	#Mid	QAM16	22.62	-0.42	20.05	PASS
Band12	10	23060	1	#Max	QAM16	22.64	-0.42	20.07	PASS
Band12	10	23060	25	#0	QAM16	21.47	-0.42	18.90	PASS
Band12	10	23060	25	#Mid	QAM16	21.47	-0.42	18.90	PASS
Band12	10	23060	25	#Max	QAM16	21.54	-0.42	18.97	PASS
Band12	10	23060	50	#0	QAM16	21.58	-0.42	19.01	PASS
Band12	10	23095	1	#0	QPSK	23.42	-0.42	20.85	PASS
Band12	10	23095	1	#Mid	QPSK	23.45	-0.42	20.88	PASS
Band12	10	23095	1	#Max	QPSK	23.53	-0.42	20.96	PASS
Band12	10	23095	25	#0	QPSK	22.30	-0.42	19.73	PASS
Band12	10	23095	25	#Mid	QPSK	22.45	-0.42	19.88	PASS
Band12	10	23095	25	#Max	QPSK	22.59	-0.42	20.02	PASS
Band12	10	23095	50	#0	QPSK	22.47	-0.42	19.90	PASS
Band12	10	23095	1	#0	QAM16	22.30	-0.42	19.73	PASS
Band12	10	23095	1	#Mid	QAM16	22.36	-0.42	19.79	PASS
Band12	10	23095	1	#Max	QAM16	22.37	-0.42	19.80	PASS
Band12	10	23095	25	#0	QAM16	21.35	-0.42	18.78	PASS
Band12	10	23095	25	#Mid	QAM16	21.45	-0.42	18.88	PASS
Band12	10	23095	25	#Max	QAM16	21.57	-0.42	19.00	PASS
Band12	10	23095	50	#0	QAM16	21.46	-0.42	18.89	PASS
Band12	10	23130	1	#0	QPSK	23.39	-0.42	20.82	PASS
Band12	10	23130	1	#Mid	QPSK	23.40	-0.42	20.83	PASS
Band12	10	23130	1	#Max	QPSK	23.52	-0.42	20.95	PASS
Band12	10	23130	25	#0	QPSK	22.19	-0.42	19.62	PASS
Band12	10	23130	25	#Mid	QPSK	22.45	-0.42	19.88	PASS
Band12	10	23130	25	#Max	QPSK	22.28	-0.42	19.71	PASS
Band12	10	23130	50	#0	QPSK	22.27	-0.42	19.70	PASS
Band12	10	23130	1	#0	QAM16	22.89	-0.42	20.32	PASS
Band12	10	23130	1	#Mid	QAM16	22.81	-0.42	20.24	PASS
Band12	10	23130	1	#Max	QAM16	22.91	-0.42	20.34	PASS
Band12	10	23130	25	#0	QAM16	21.25	-0.42	18.68	PASS
Band12	10	23130	25	#Mid	QAM16	21.48	-0.42	18.91	PASS
Band12	10	23130	25	#Max	QAM16	21.35	-0.42	18.78	PASS

Band12	10	23130	50	#0	QAM16	21.29	-0.42	18.72	PASS
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Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band12	1.4	23017	6	#0	QPSK	LV	NT	4.41	0.006	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	1.76	0.003	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	-3.78	-0.005	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QAM16	LV	NT	-5.41	-0.008	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QAM16	NV	NT	-7.58	-0.011	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QAM16	HV	NT	-4.91	-0.007	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	2.52	0.004	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	-4.55	-0.006	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	-6.37	-0.009	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QAM16	LV	NT	-4.26	-0.006	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QAM16	NV	NT	-7.81	-0.011	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QAM16	HV	NT	-3.40	-0.005	-2.5	2.5	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	-4.41	-0.006	-2.5	2.5	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	-4.92	-0.007	-2.5	2.5	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	-0.90	-0.001	-2.5	2.5	PASS
Band12	1.4	23173	6	#0	QAM16	LV	NT	0.14	0.000	-2.5	2.5	PASS
Band12	1.4	23173	6	#0	QAM16	NV	NT	1.27	0.002	-2.5	2.5	PASS

Band1 2	1.4	23173	6	#0	QAM16	HV	NT	-0.01	0.000	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	LV	NT	-0.04	0.000	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	NT	-0.59	-0.00 1	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	HV	NT	-1.36	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	LV	NT	-3.82	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	NT	-1.96	-0.00 3	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	HV	NT	-0.33	0.000	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	LV	NT	-3.89	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	NT	-5.99	-0.00 8	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	HV	NT	-7.65	-0.011	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	LV	NT	-4.75	-0.00 7	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	NT	-5.78	-0.00 8	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	HV	NT	-7.20	-0.01 0	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	LV	NT	1.50	0.002	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	NT	-1.07	-0.00 1	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	HV	NT	-6.72	-0.00 9	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	LV	NT	-7.02	-0.01 0	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	NT	-3.91	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	HV	NT	-4.49	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	LV	NT	-3.39	-0.00 5	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	NT	-0.72	-0.00 1	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	HV	NT	-0.90	-0.00	-2.5	2.5	PASS

2									1			
Band1 2	5	23035	25	#0	QAM16	LV	NT	-5.62	-0.00 8	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	NT	-1.32	-0.00 2	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	HV	NT	-4.15	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	LV	NT	-2.19	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	NT	-1.14	-0.00 2	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	HV	NT	-2.96	-0.00 4	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	LV	NT	-0.10	0.000	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	NT	-0.07	0.000	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	HV	NT	-4.51	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	LV	NT	-0.07	0.000	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	NT	-2.56	-0.00 4	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	HV	NT	-2.59	-0.00 4	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	LV	NT	-3.09	-0.00 4	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	NT	-1.33	-0.00 2	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	HV	NT	-2.29	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	LV	NT	-0.82	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	NT	-2.06	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	HV	NT	-3.66	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	LV	NT	-2.46	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	NT	-4.29	-0.00 6	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	HV	NT	-3.13	-0.00 4	-2.5	2.5	PASS

Band1 2	10	23095	50	#0	QPSK	LV	NT	-4.09	-0.00	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	NT	-2.47	-0.00	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	HV	NT	-3.58	-0.00	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	LV	NT	-3.82	-0.00	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	NT	-3.26	-0.00	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	HV	NT	-1.76	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	LV	NT	-1.87	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	NT	0.60	0.001	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	HV	NT	-1.59	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	LV	NT	-1.47	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	NT	-1.37	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	HV	NT	-1.76	-0.00	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band1 2	1.4	23017	6	#0	QPSK	NV	-30	-1.23	-0.00	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	-20	-4.15	-0.00	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	0	-6.41	-0.00	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	10	-3.62	-0.00	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	20	-7.47	-0.011	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	-30	-5.08	-0.00	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	-20	-1.66	-0.00	-2.5	2.5	PASS

Band1 2	1.4	23017	6	#0	QAM16	NV	0	-1.77	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	10	-3.65	-0.00 5	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	20	0.39	0.001	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	-30	0.70	0.001	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	-20	-3.25	-0.00 5	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	0	-1.09	-0.00 2	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	10	-0.21	0.000	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	20	1.70	0.002	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	-30	-4.66	-0.00 7	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	-20	0.53	0.001	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	0	-7.34	-0.01 0	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	10	-3.20	-0.00 5	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	20	-3.93	-0.00 6	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	-30	-6.07	-0.00 8	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	-20	-1.89	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	0	-4.11	-0.00 6	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	10	-3.71	-0.00 5	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	20	-2.45	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	NV	-30	-0.82	-0.00 1	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	NV	-20	-3.91	-0.00 5	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	NV	0	-2.88	-0.00 4	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	NV	10	-1.73	-0.00	-2.5	2.5	PASS

2									2			
Band1 2	1.4	23173	6	#0	QAM16	NV	20	-0.97	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	-30	-1.26	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	-20	0.10	0.000	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	0	-5.91	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	10	-3.55	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	20	0.06	0.000	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	-30	-2.50	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	-20	-6.34	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	0	-1.67	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	10	-2.95	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	20	-2.55	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	-30	-2.53	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	-20	-1.54	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	0	-2.25	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	10	0.56	0.001	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	20	-0.80	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	-30	-5.85	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	-20	-5.36	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	0	1.44	0.002	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	10	-2.45	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	20	-2.99	-0.00	-2.5	2.5	PASS

Band1 2	3	23165	15	#0	QPSK	NV	-30	-2.90	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	-20	-1.95	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	0	-2.75	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	10	-4.84	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	20	-3.55	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	-30	-2.09	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	-20	0.92	0.001	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	0	-2.63	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	10	-1.80	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	20	-1.96	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	-30	-3.19	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	-20	-6.18	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	0	-3.43	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	10	-0.72	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	20	-4.02	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	-30	0.01	0.000	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	-20	-1.73	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	0	-2.52	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	10	-2.53	-0.00	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	20	0.44	0.001	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	-30	0.33	0.000	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	-20	3.09	0.004	-2.5	2.5	PASS

2												
Band1 2	5	23095	25	#0	QPSK	NV	0	-2.02	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	10	0.30	0.000	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	20	0.01	0.000	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	-30	-2.32	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	-20	-1.56	-0.00 2	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	0	-2.66	-0.00 4	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	10	-2.79	-0.00 4	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	20	-2.36	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	-30	-2.42	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	-20	-3.28	-0.00 5	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	0	-1.04	-0.00 1	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	10	1.75	0.002	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	20	-2.56	-0.00 4	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	-30	-1.93	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	-20	1.40	0.002	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	0	-2.15	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	10	-2.45	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	20	-3.56	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	-30	-3.18	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	-20	-2.22	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	0	-3.45	-0.00 5	-2.5	2.5	PASS

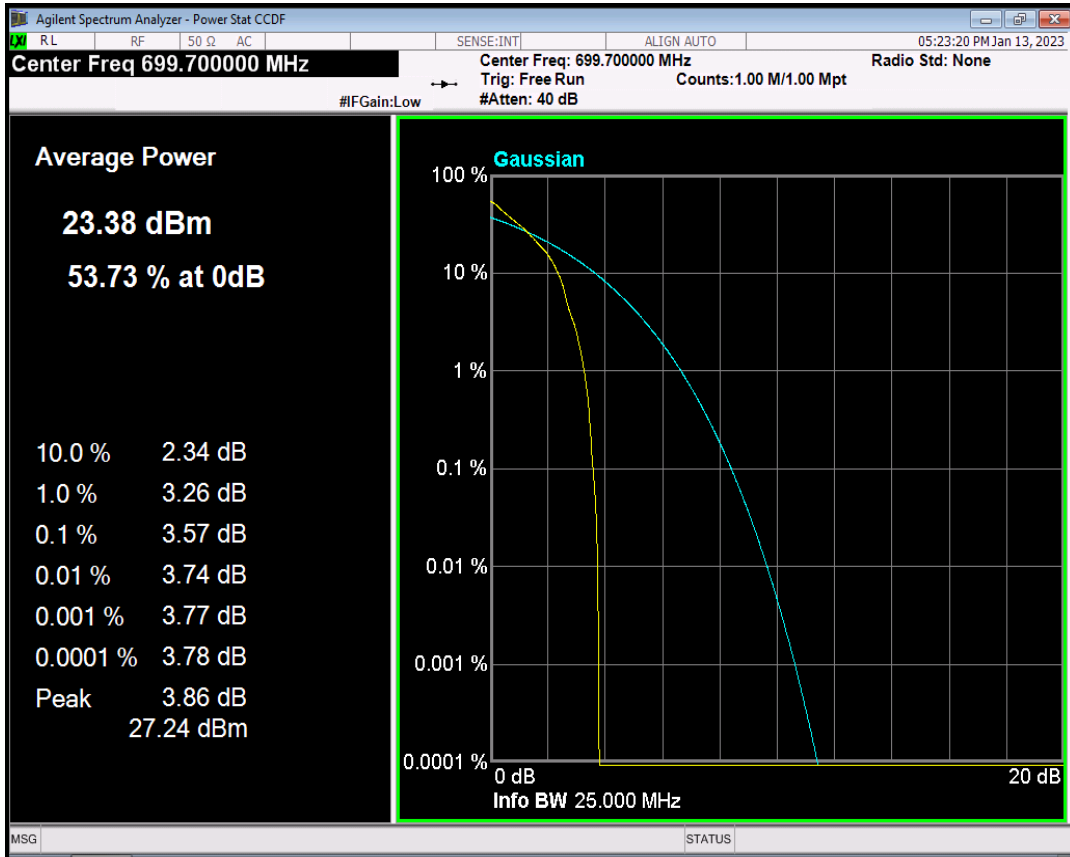
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Band1 2	10	23060	50	#0	QAM16	NV	-30	-3.05	-0.00 4	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	-20	-3.65	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	0	-1.37	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	10	-3.95	-0.00 6	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	20	-2.09	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-30	-0.53	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-20	-4.68	-0.00 7	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	0	-3.35	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	10	-1.85	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	20	-2.83	-0.00 4	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	-30	-3.81	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	-20	0.34	0.000	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	0	-3.10	-0.00 4	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	10	-4.33	-0.00 6	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	20	-4.21	-0.00 6	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-30	-1.75	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-20	-2.29	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	0	-0.92	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	10	-3.96	-0.00 6	-2.5	2.5	PASS
Band1	10	23130	50	#0	QPSK	NV	20	0.34	0.000	-2.5	2.5	PASS

2												
Band1 2	10	23130	50	#0	QAM16	NV	-30	-0.46	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	-20	-4.79	-0.00 7	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	0	-2.70	-0.00 4	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	10	-1.07	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	20	-3.18	-0.00 4	-2.5	2.5	PASS

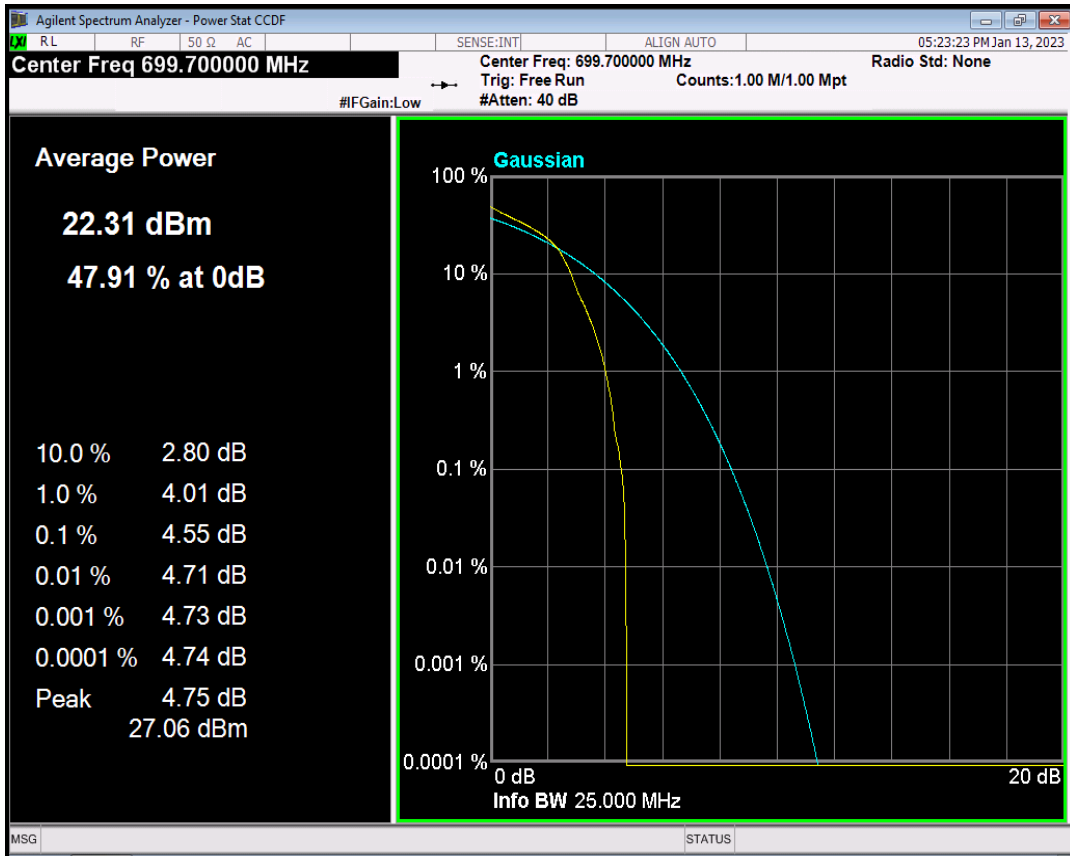
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	3.57	13	PASS
Band12	1.4	23017	1	#0	QAM16	4.55	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.37	13	PASS
Band12	1.4	23095	1	#0	QAM16	5.21	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.54	13	PASS
Band12	1.4	23173	1	#0	QAM16	5.42	13	PASS
Band12	3	23025	1	#0	QPSK	3.59	13	PASS
Band12	3	23025	1	#0	QAM16	4.58	13	PASS
Band12	3	23095	1	#0	QPSK	4.62	13	PASS
Band12	3	23095	1	#0	QAM16	5.39	13	PASS
Band12	3	23165	1	#0	QPSK	5.04	13	PASS
Band12	3	23165	1	#0	QAM16	5.97	13	PASS
Band12	5	23035	1	#0	QPSK	3.57	13	PASS
Band12	5	23035	1	#0	QAM16	4.45	13	PASS
Band12	5	23095	1	#0	QPSK	4.64	13	PASS
Band12	5	23095	1	#0	QAM16	5.29	13	PASS
Band12	5	23155	1	#0	QPSK	4.85	13	PASS
Band12	5	23155	1	#0	QAM16	5.52	13	PASS
Band12	10	23060	1	#0	QPSK	3.47	13	PASS
Band12	10	23060	1	#0	QAM16	4.36	13	PASS
Band12	10	23095	1	#0	QPSK	4.64	13	PASS
Band12	10	23095	1	#0	QAM16	5.51	13	PASS
Band12	10	23130	1	#0	QPSK	4.23	13	PASS
Band12	10	23130	1	#0	QAM16	5.04	13	PASS

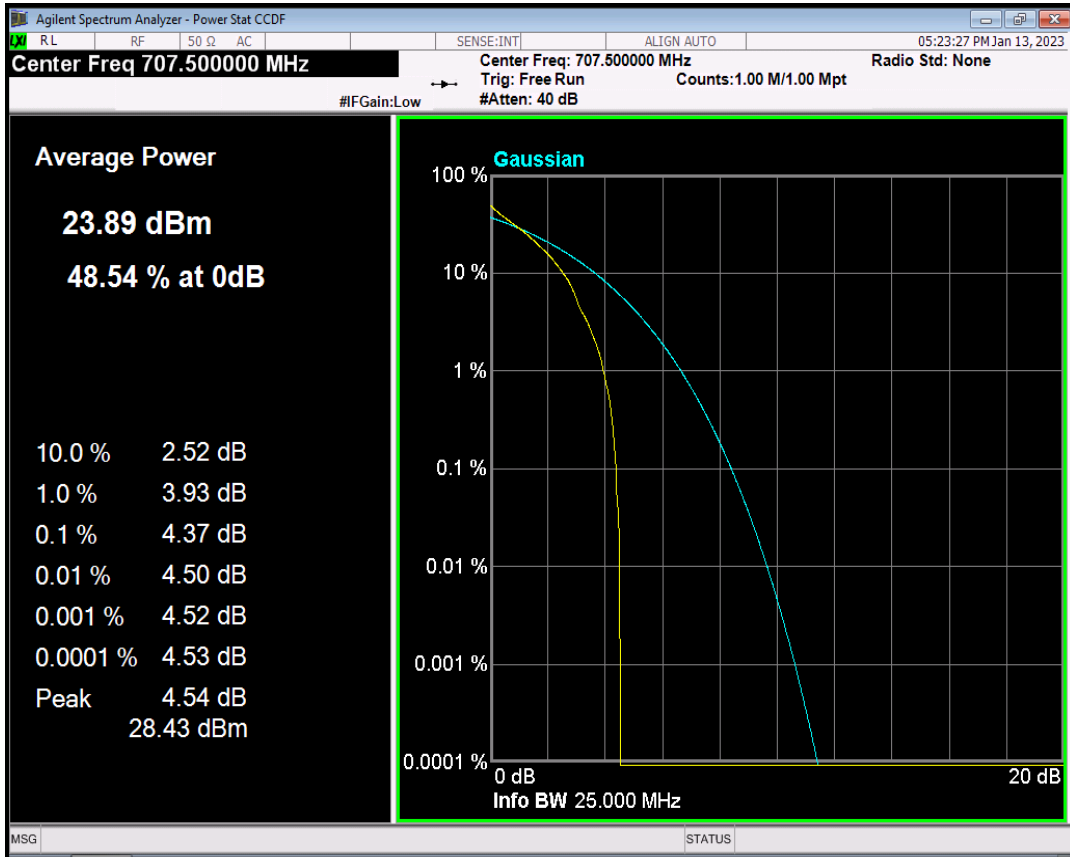
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



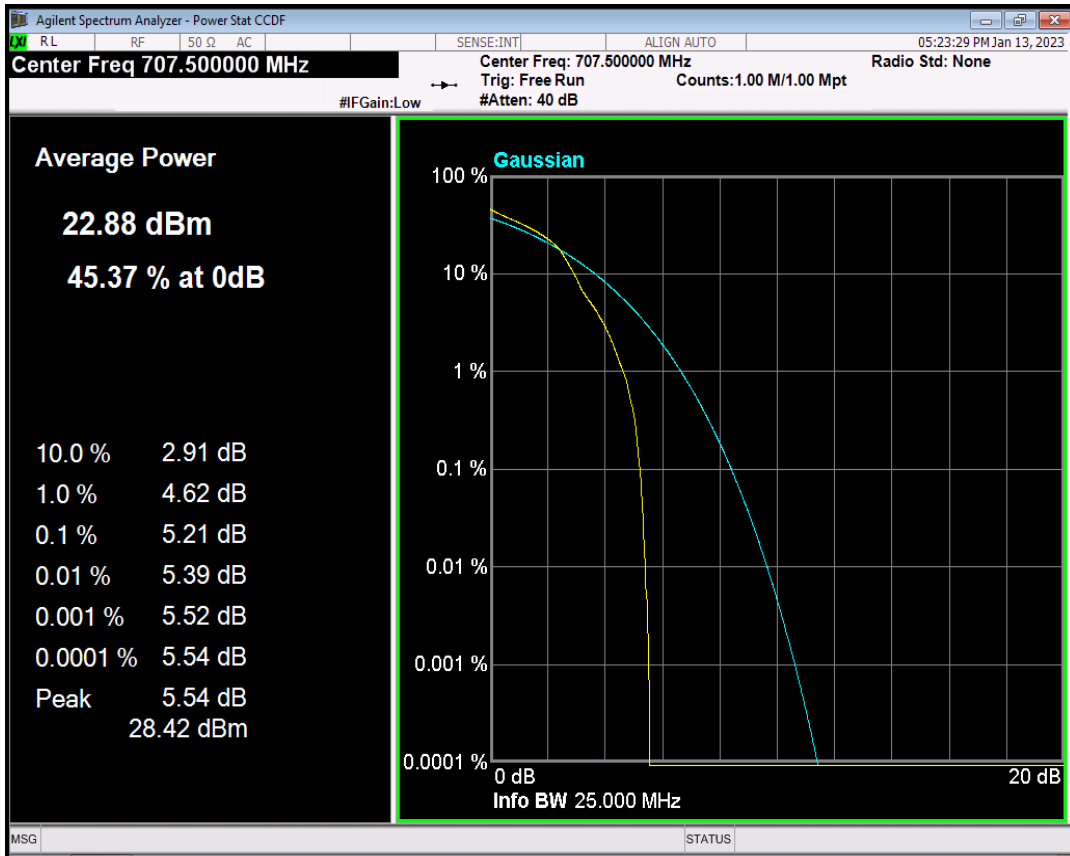
Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=1 Position=#0



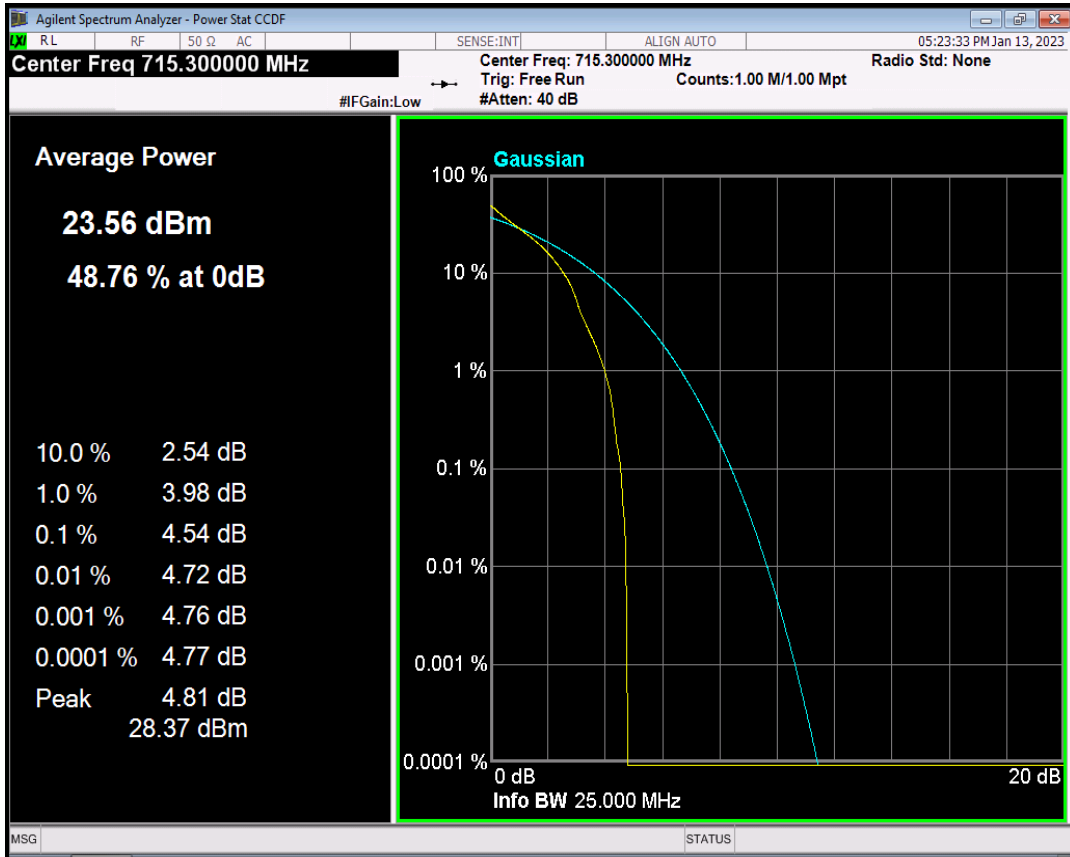
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



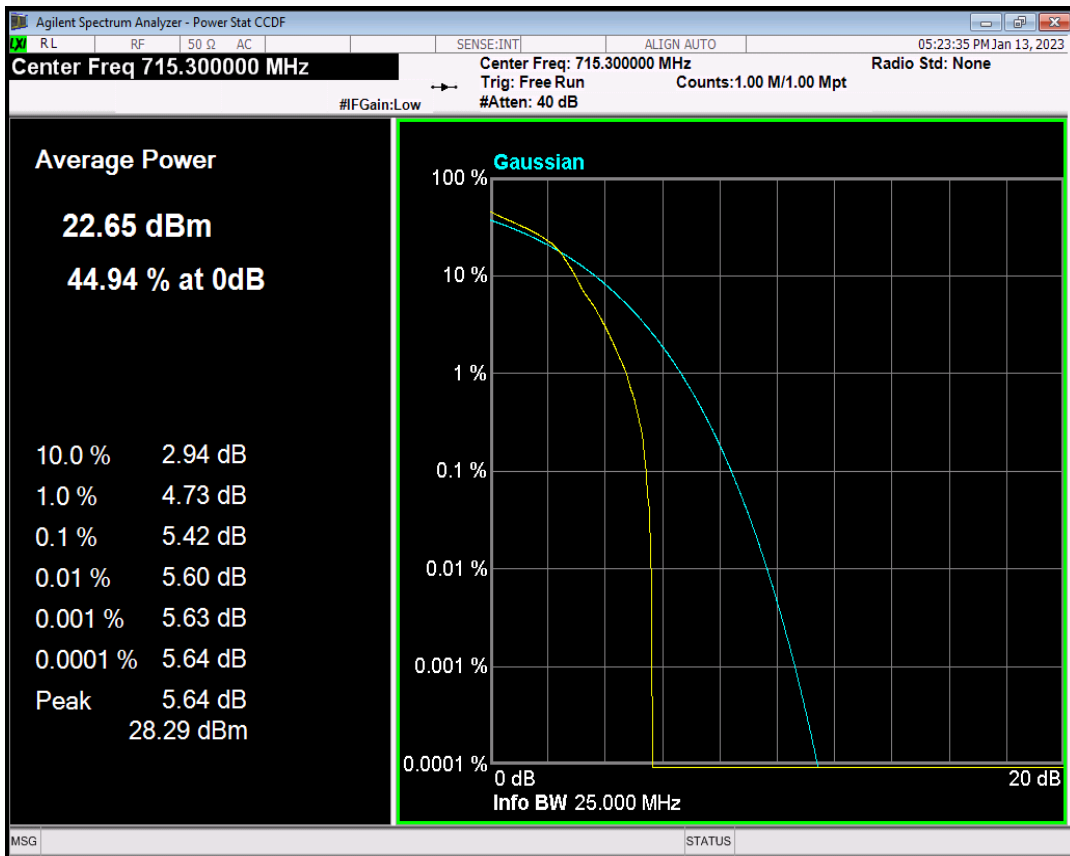
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0



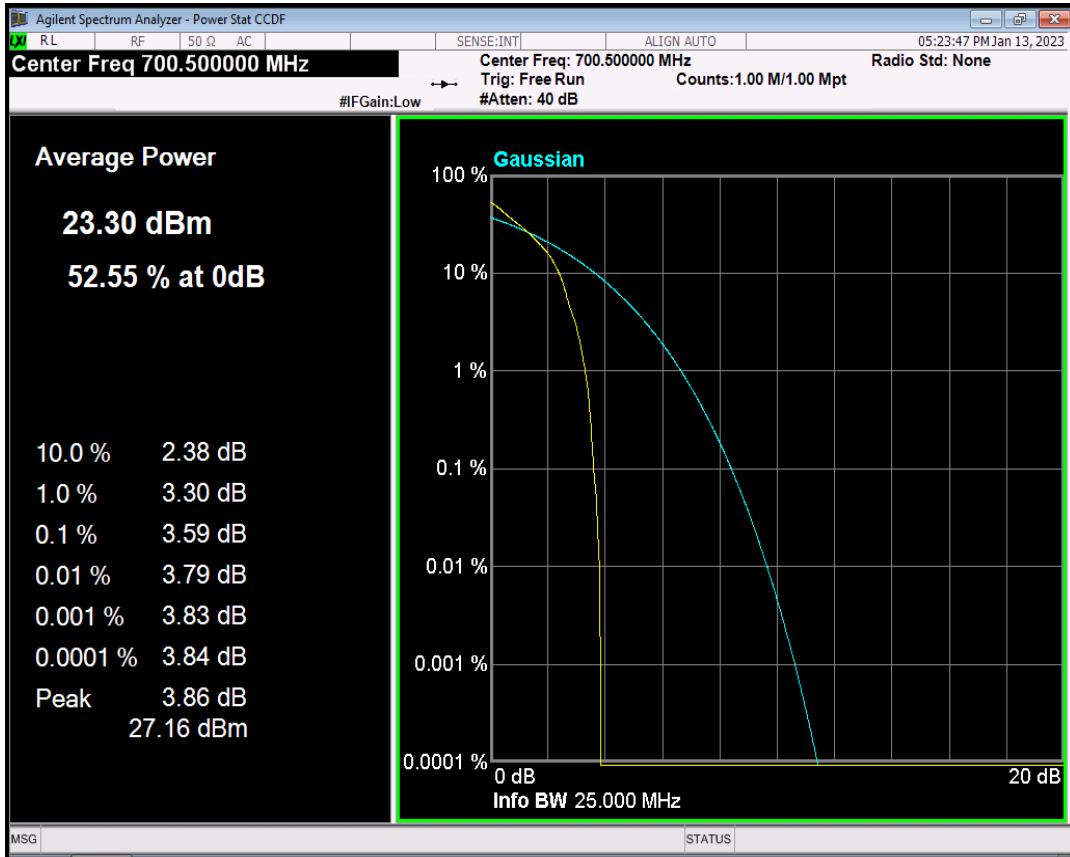
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



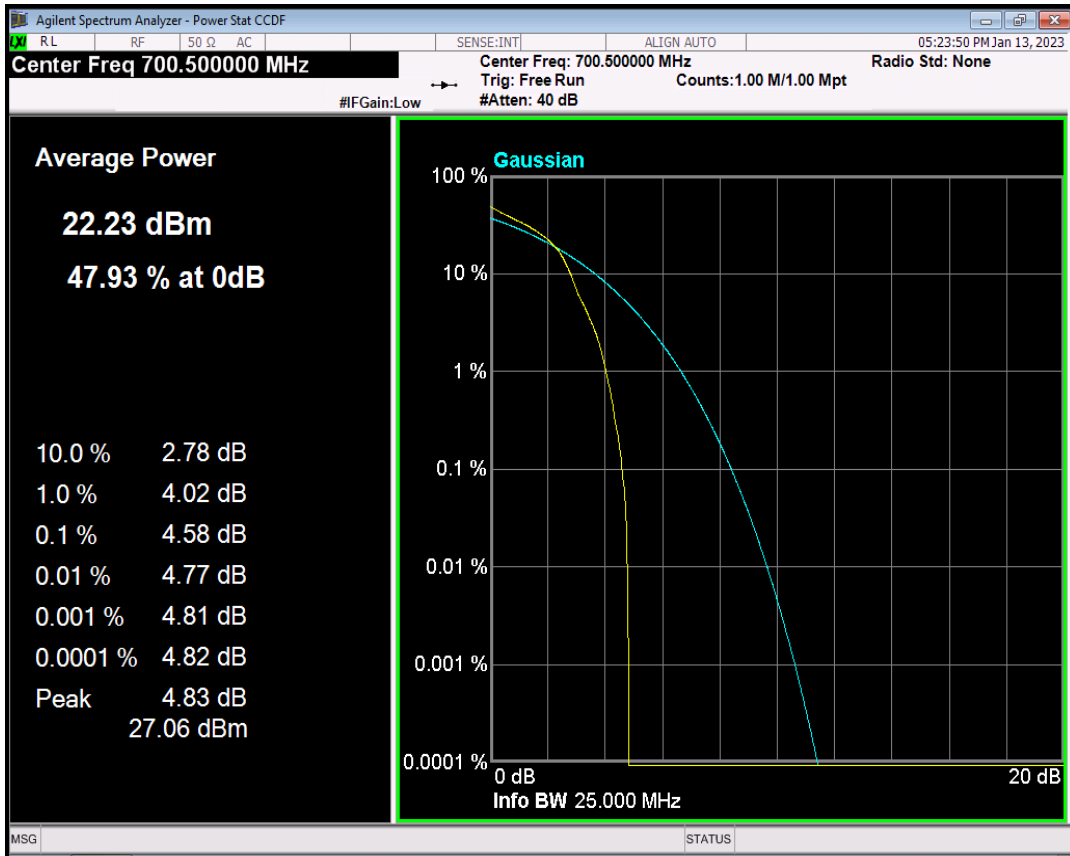
Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=1 Position=#0



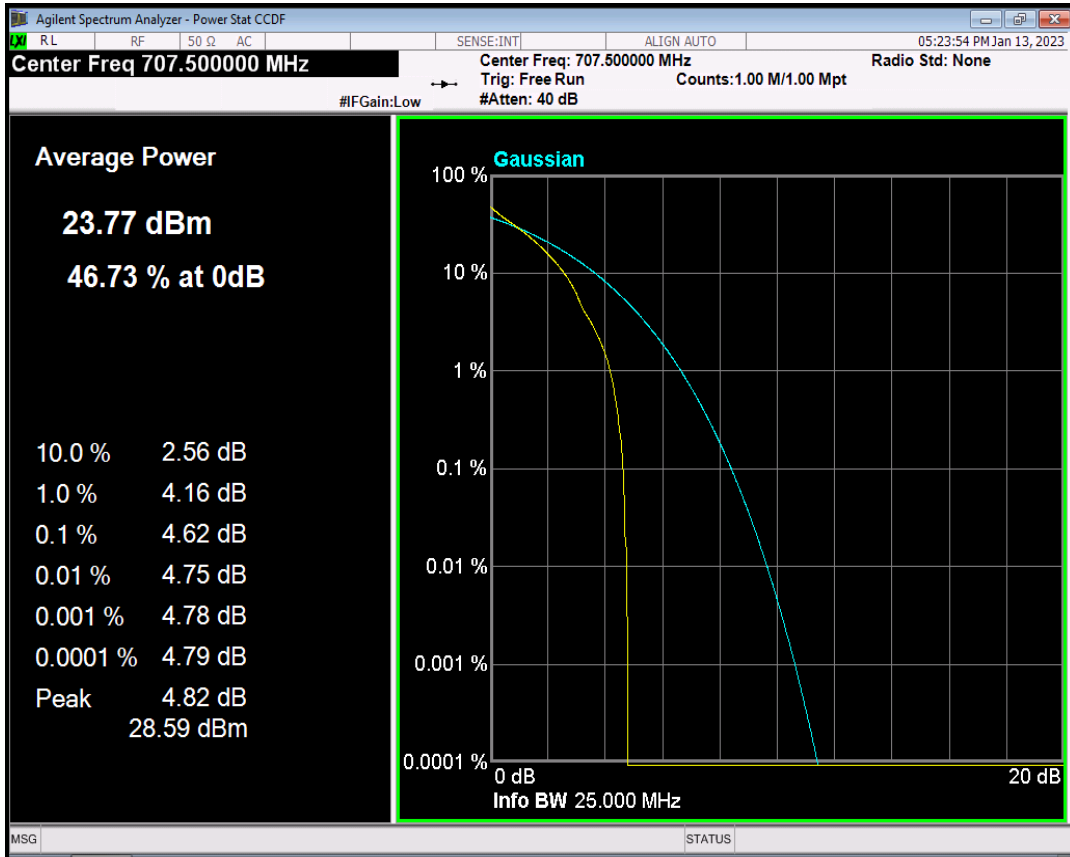
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



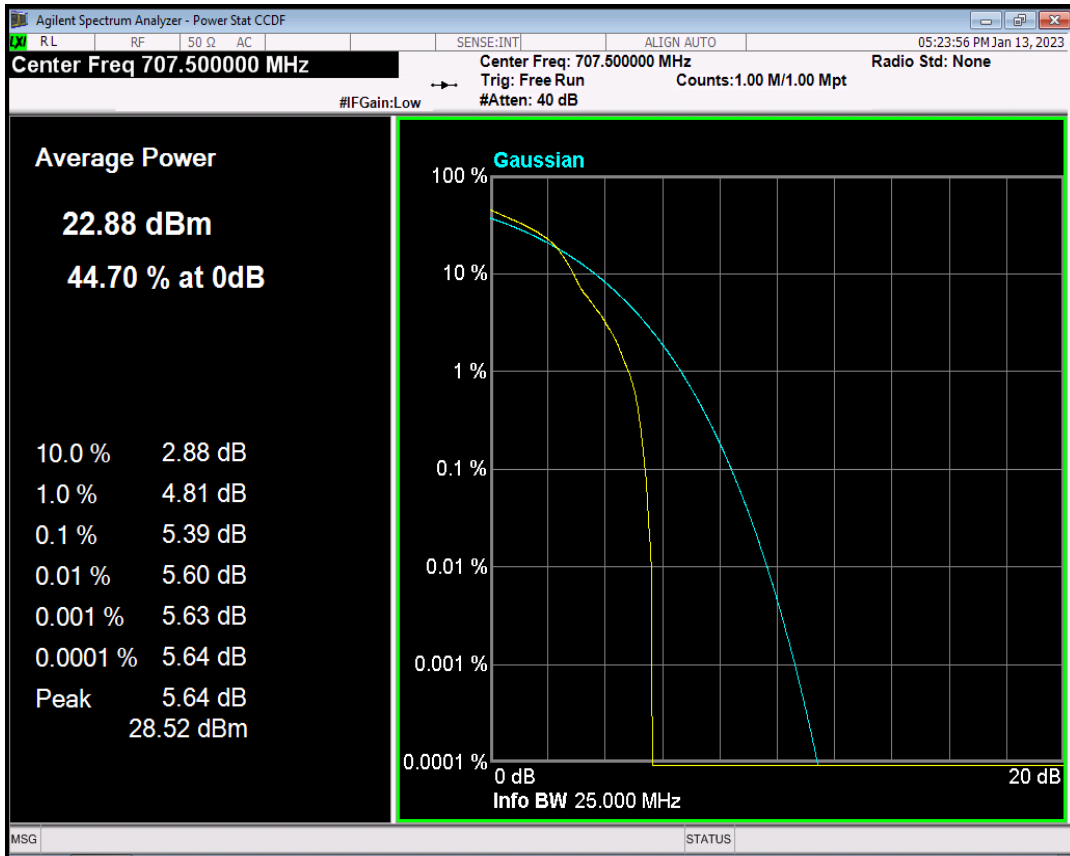
Band12 QAM16 BW=3MHz Channel=23025 RB Size=1 Position=#0



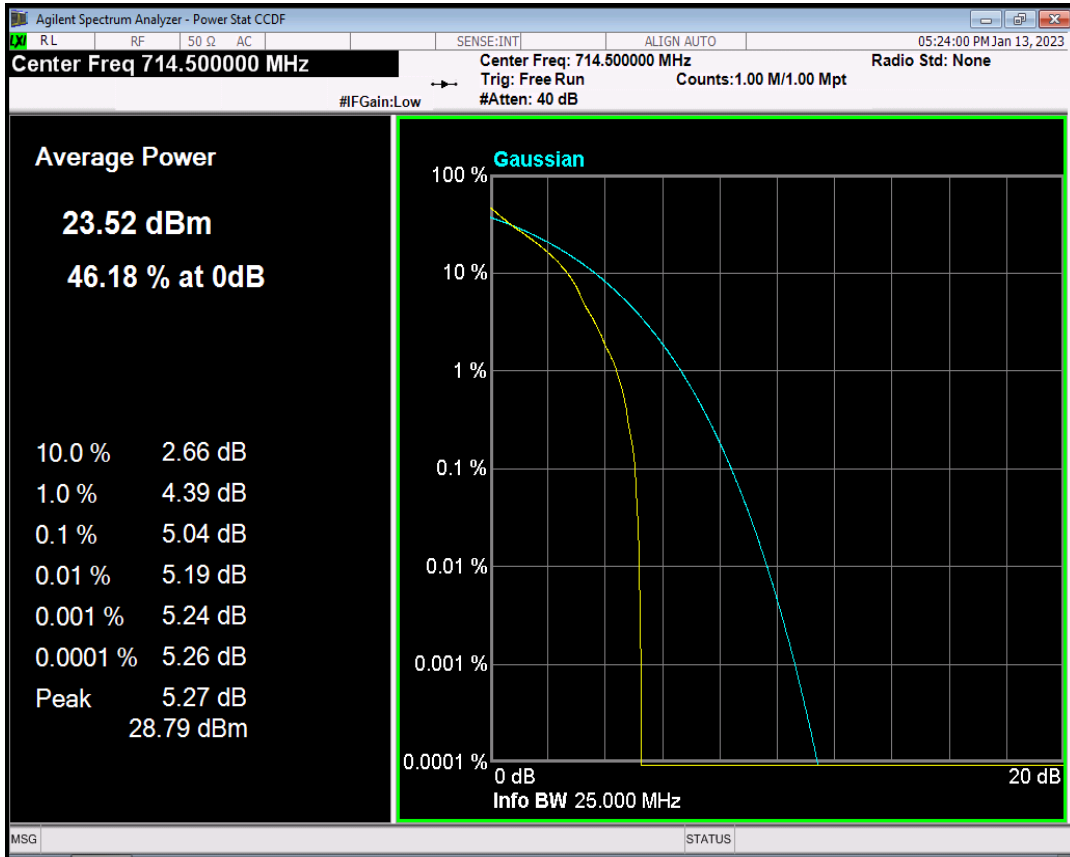
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



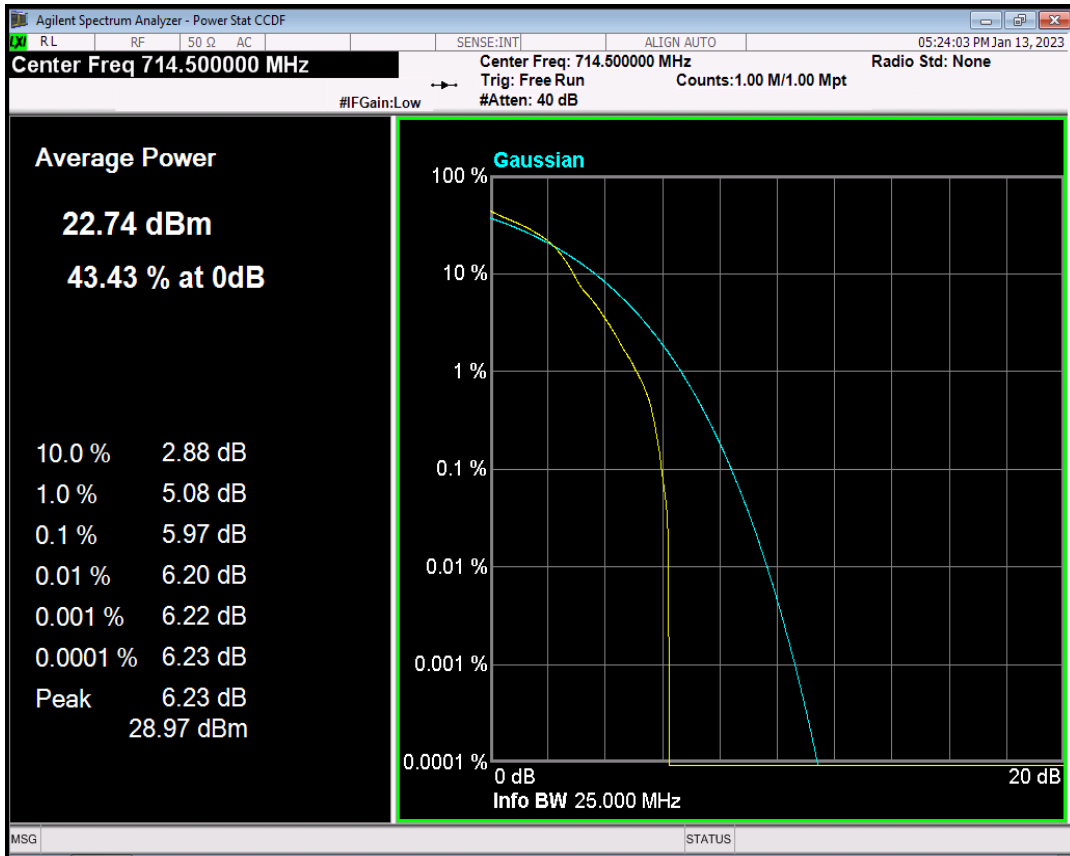
Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0



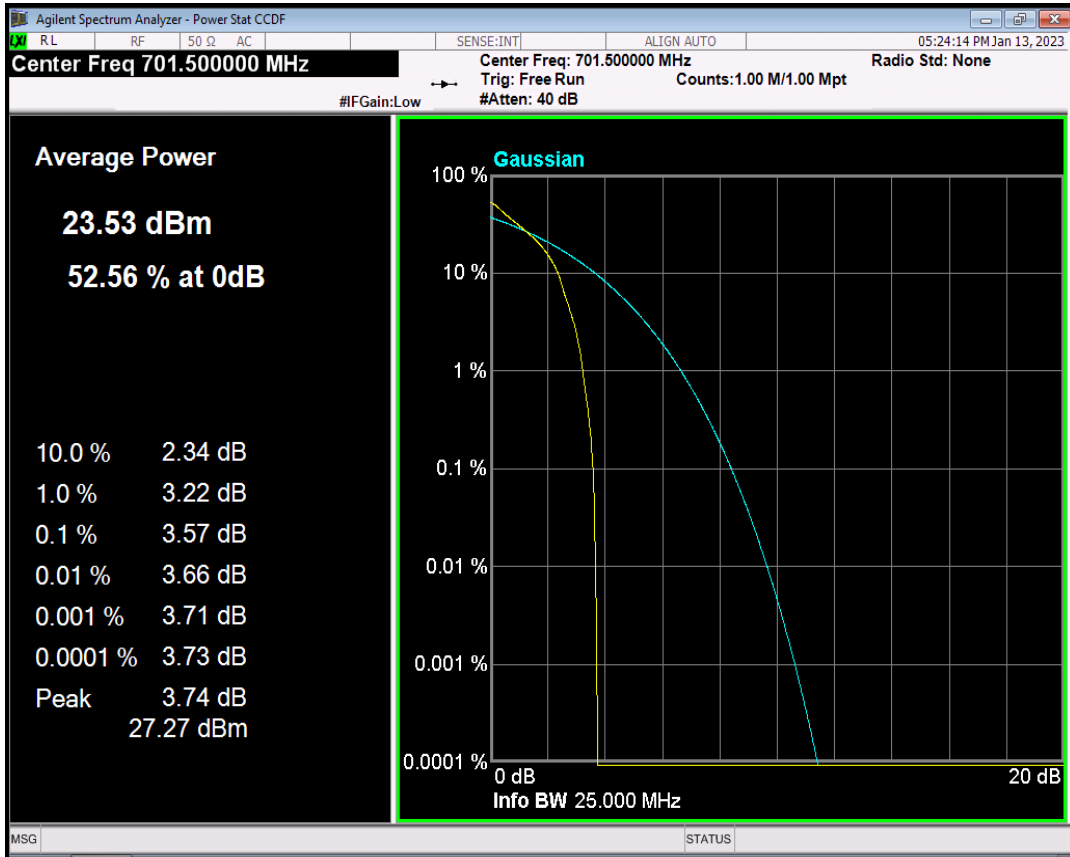
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



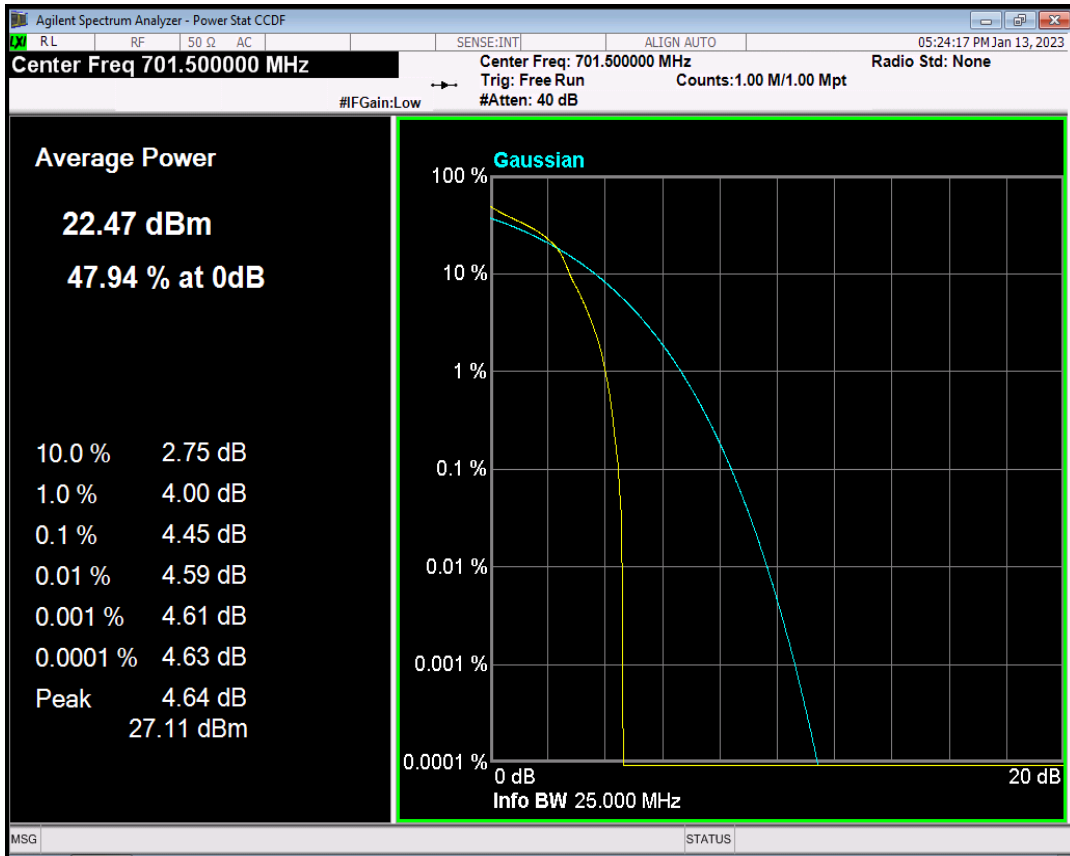
Band12 QAM16 BW=3MHz Channel=23165 RB Size=1 Position=#0



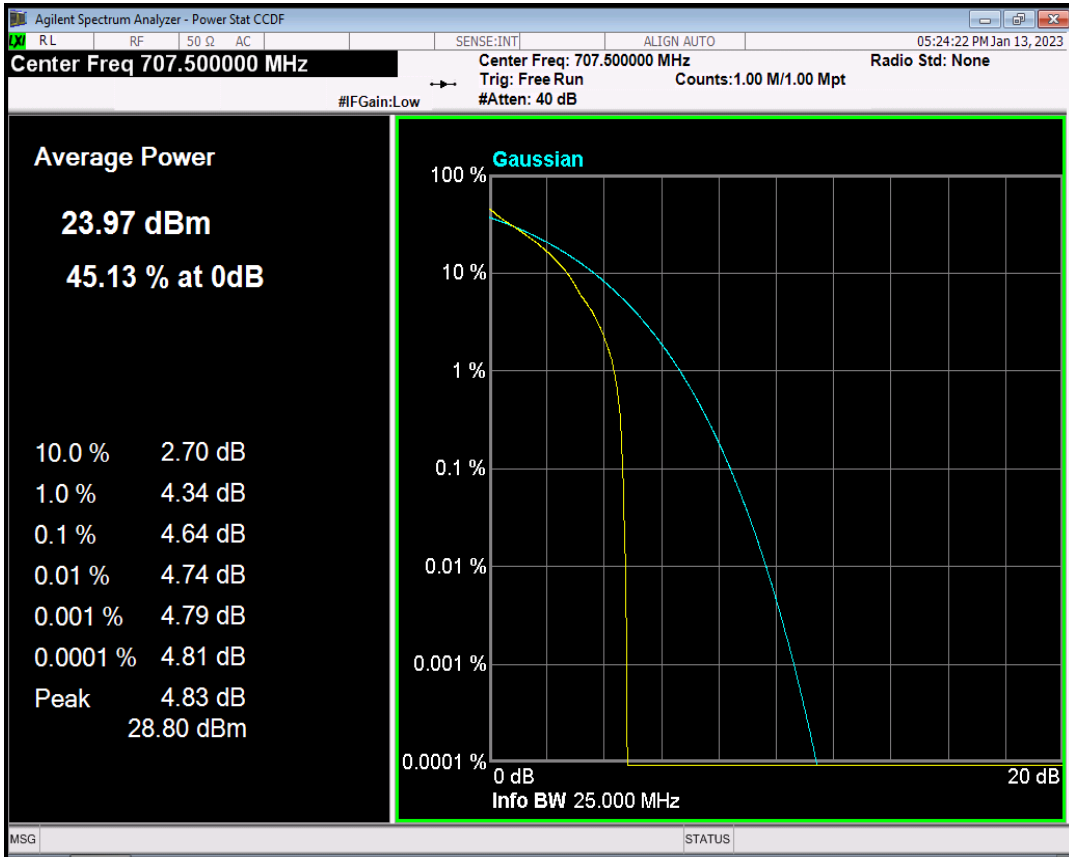
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



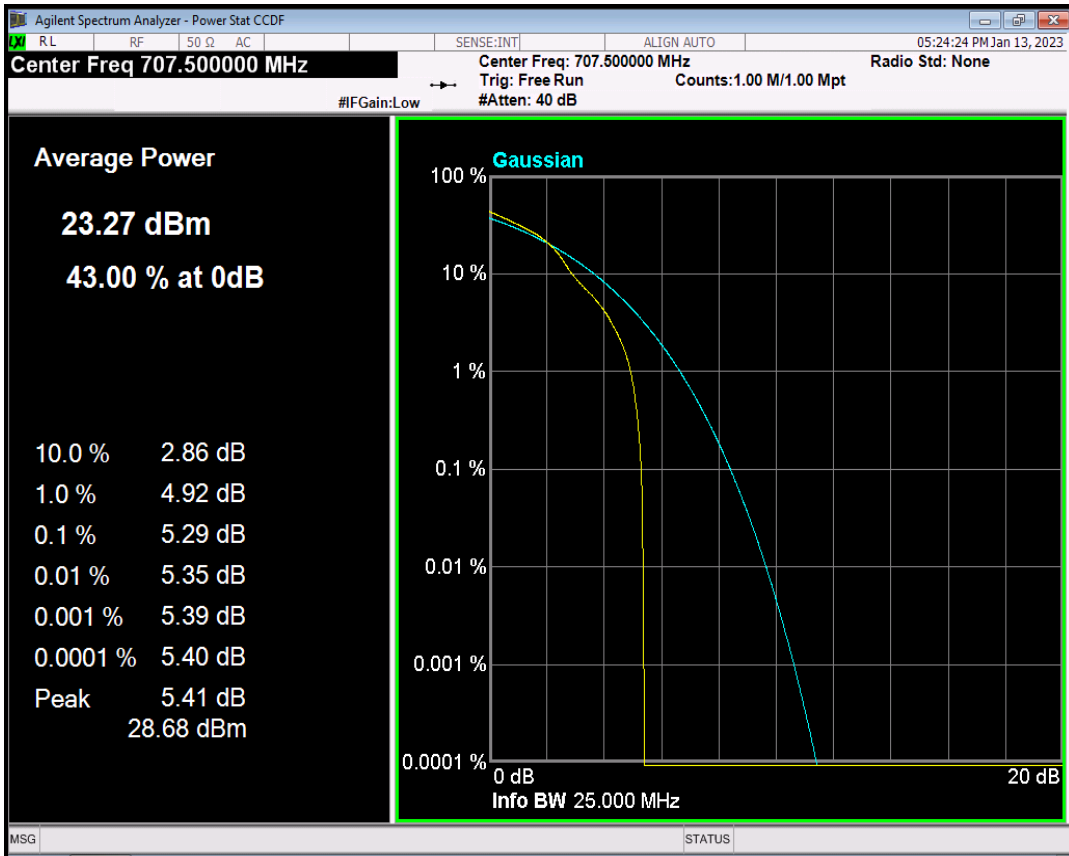
Band12 QAM16 BW=5MHz Channel=23035 RB Size=1 Position=#0



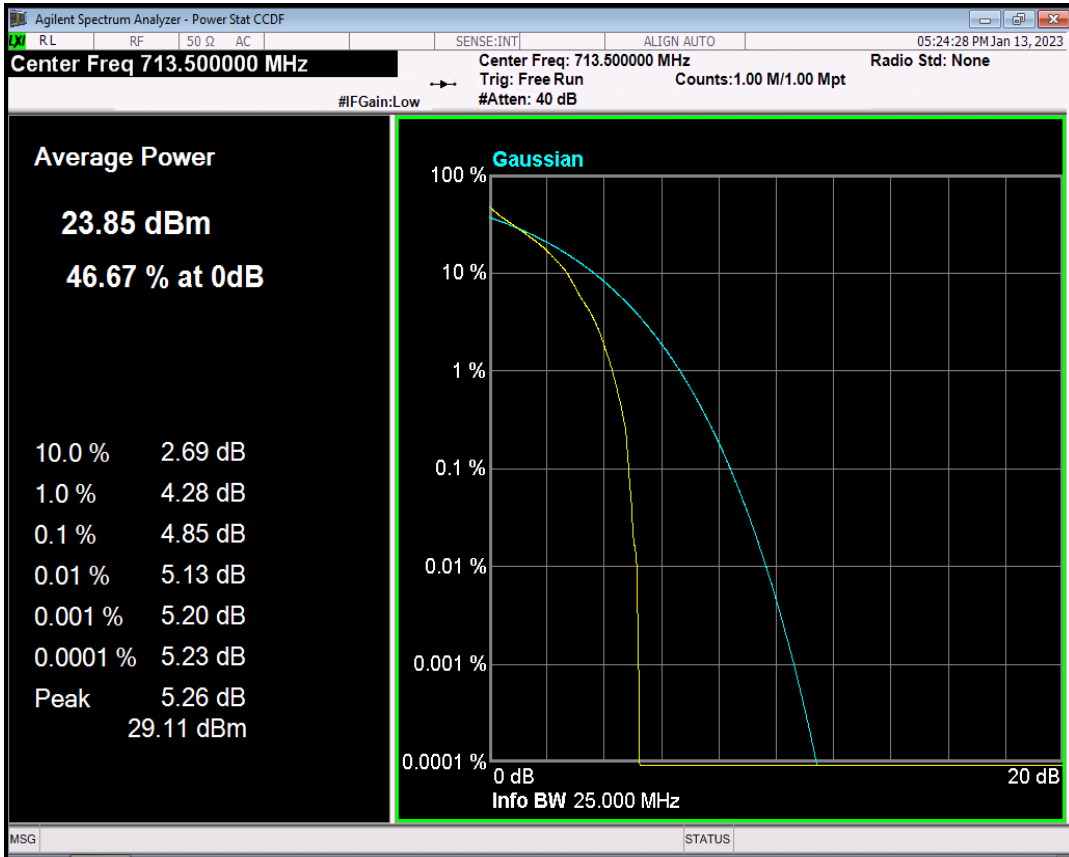
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



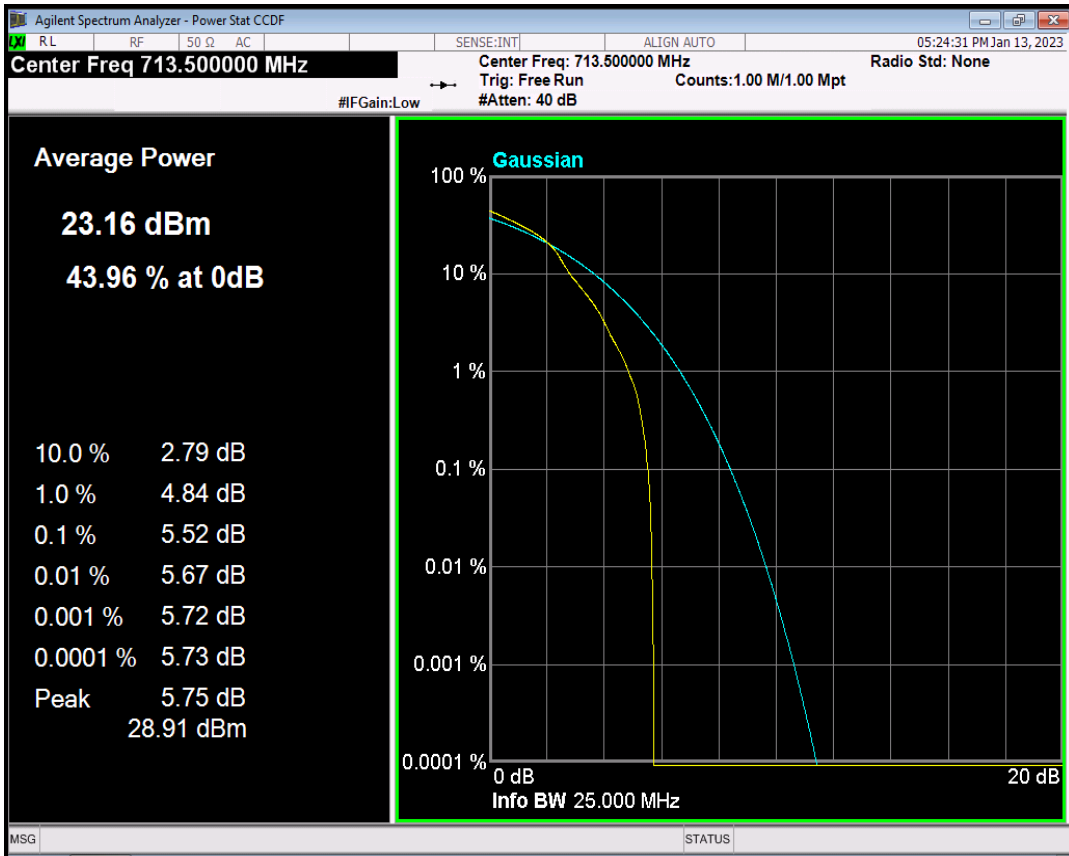
Band12 QAM16 BW=5MHz Channel=23095 RB Size=1 Position=#0



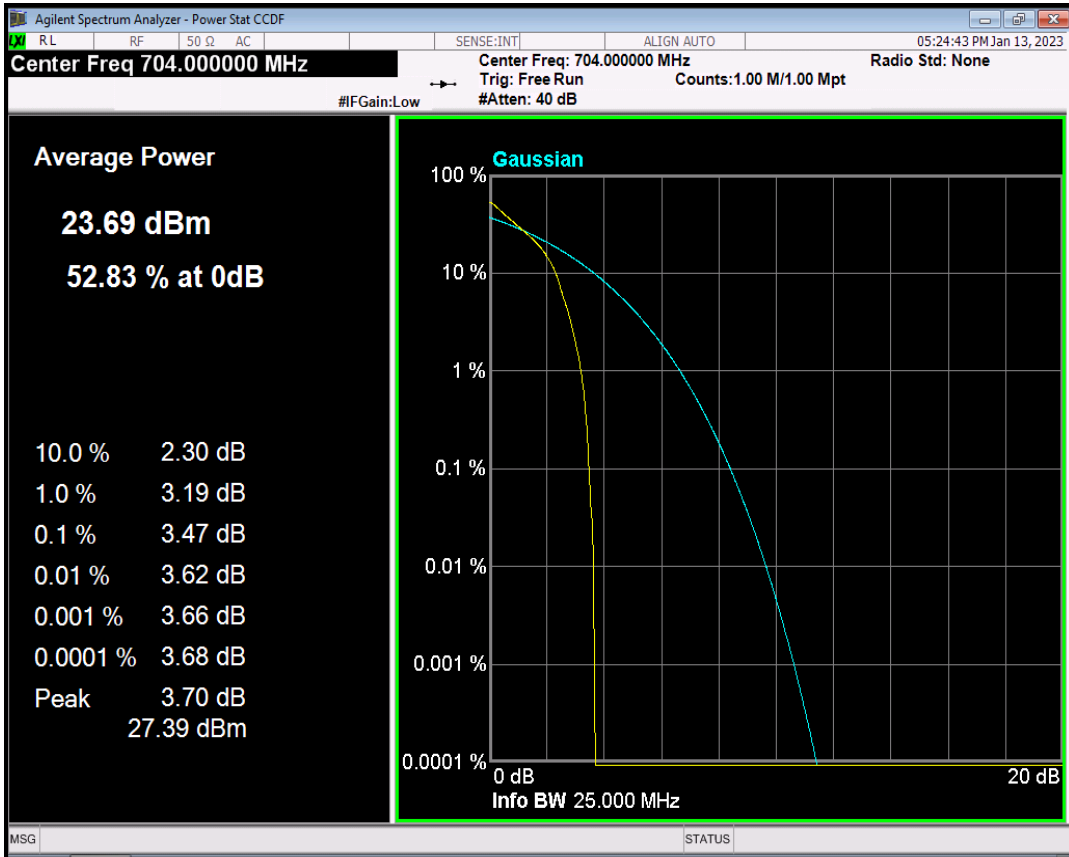
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



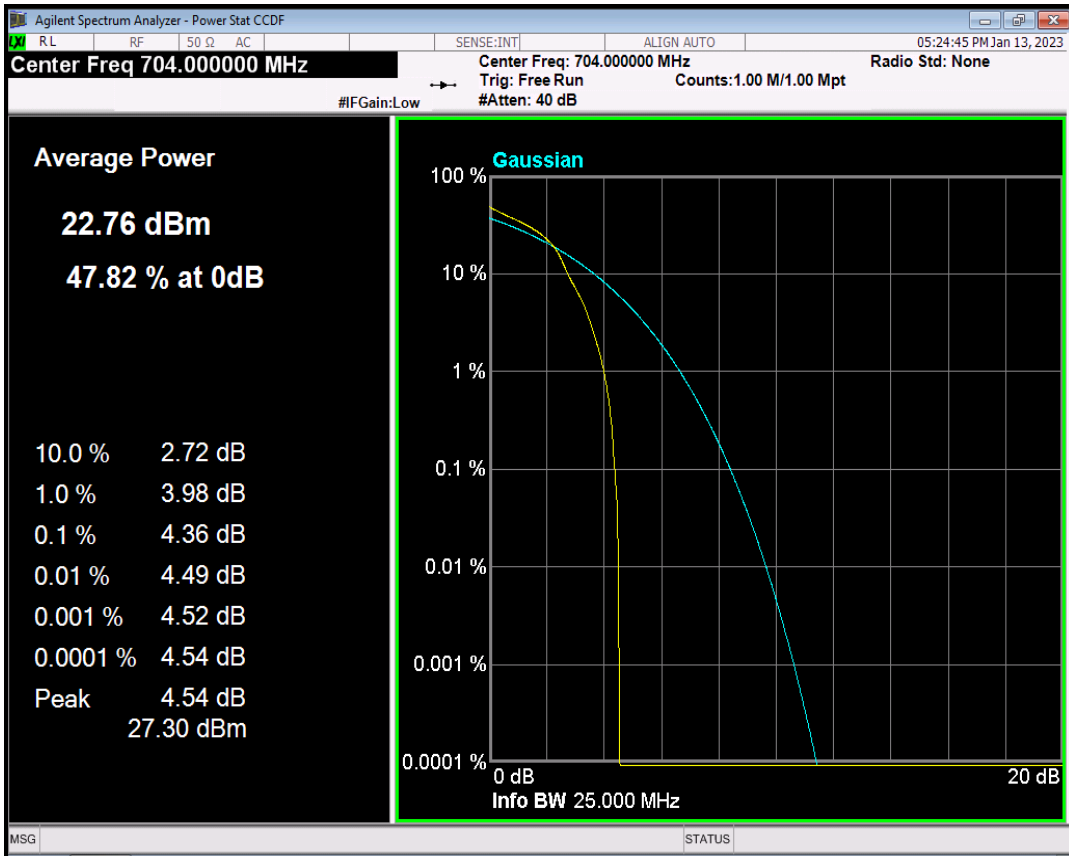
Band12 QAM16 BW=5MHz Channel=23155 RB Size=1 Position=#0



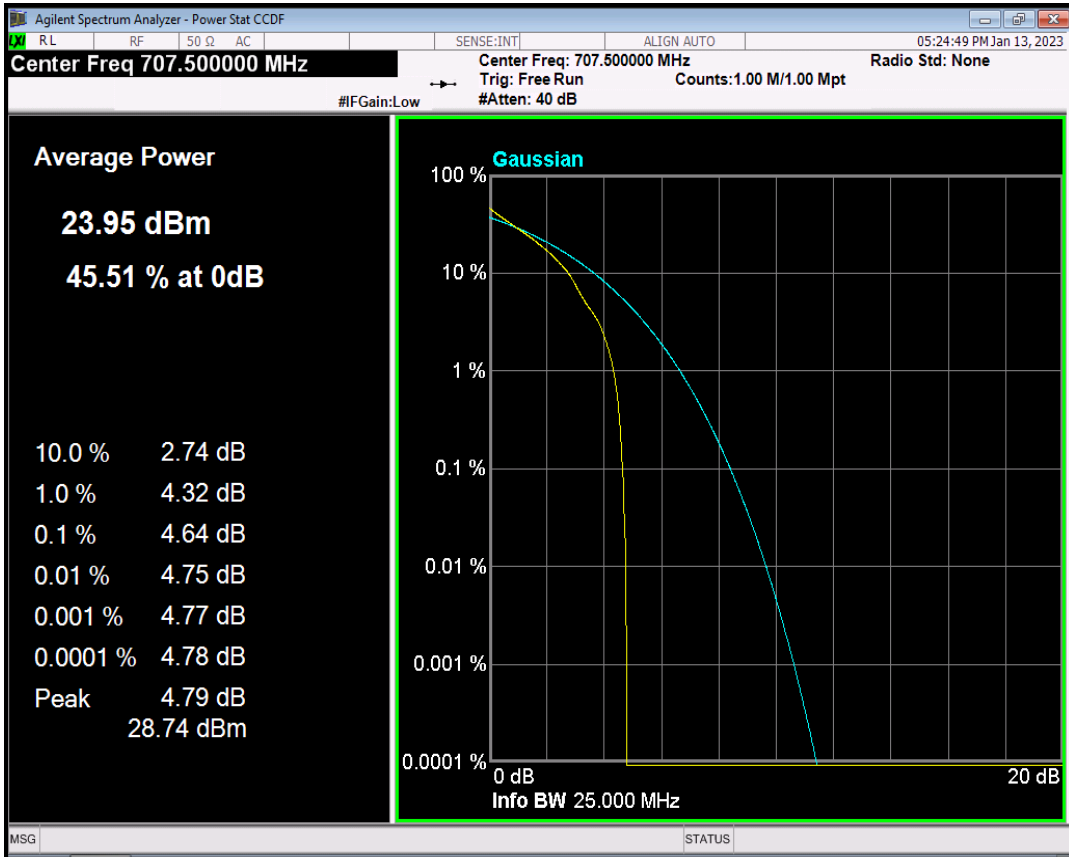
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



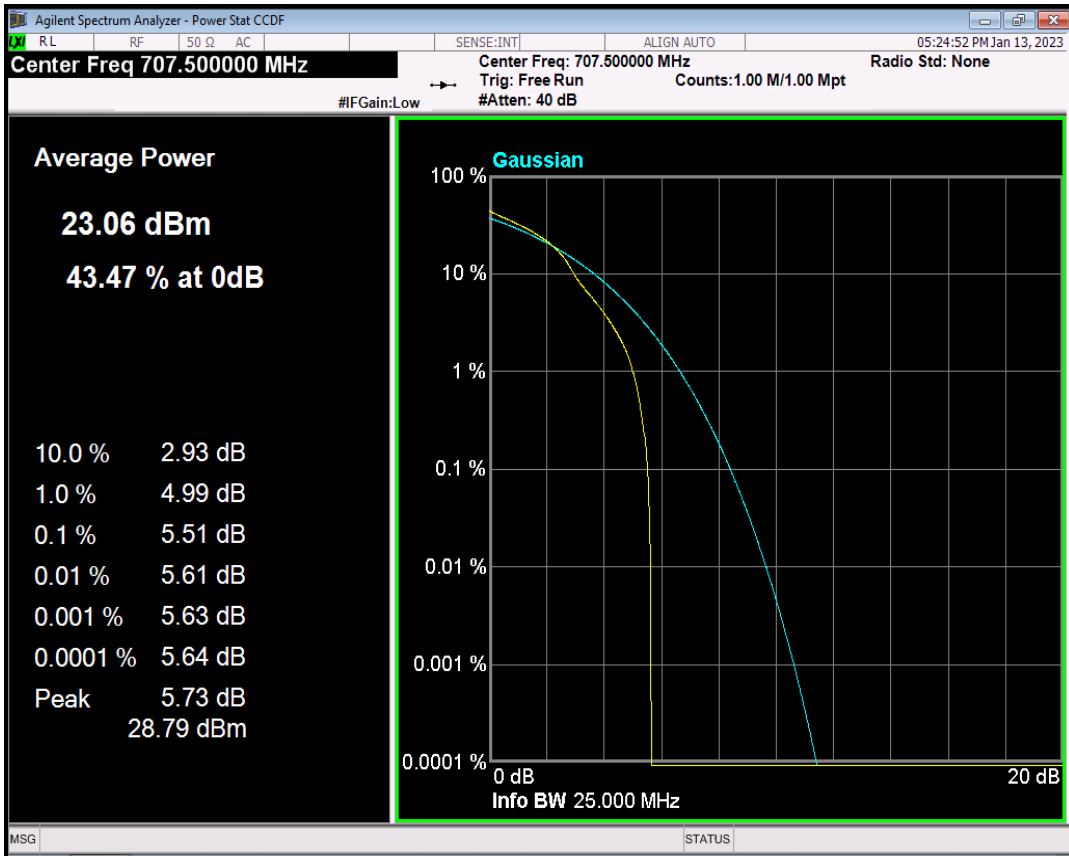
Band12 QAM16 BW=10MHz Channel=23060 RB Size=1 Position=#0



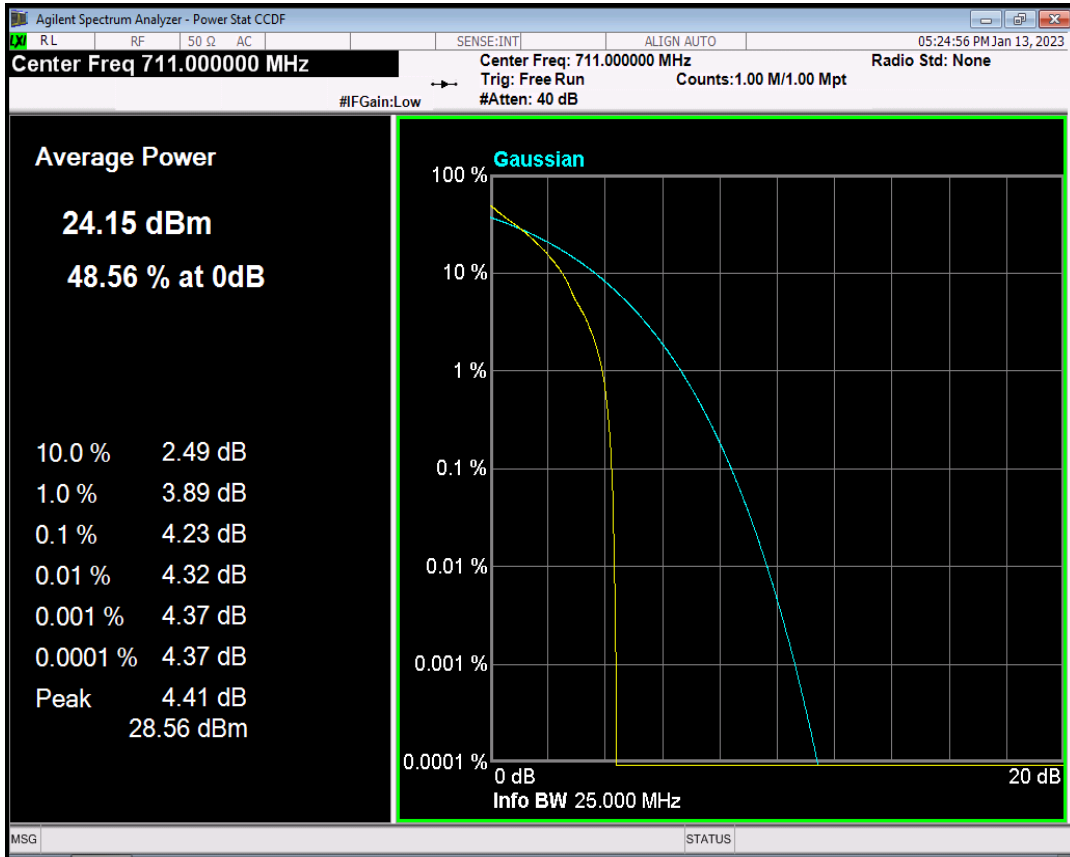
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



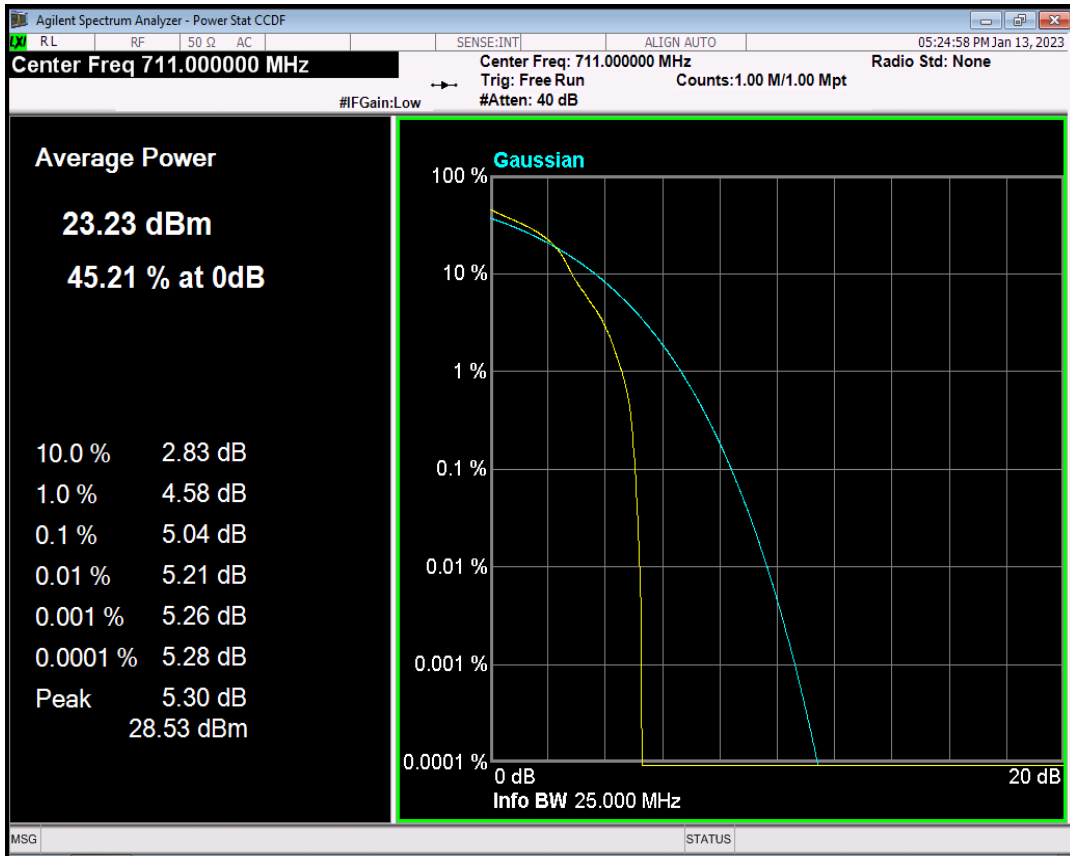
Band12 QAM16 BW=10MHz Channel=23095 RB Size=1 Position=#0



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



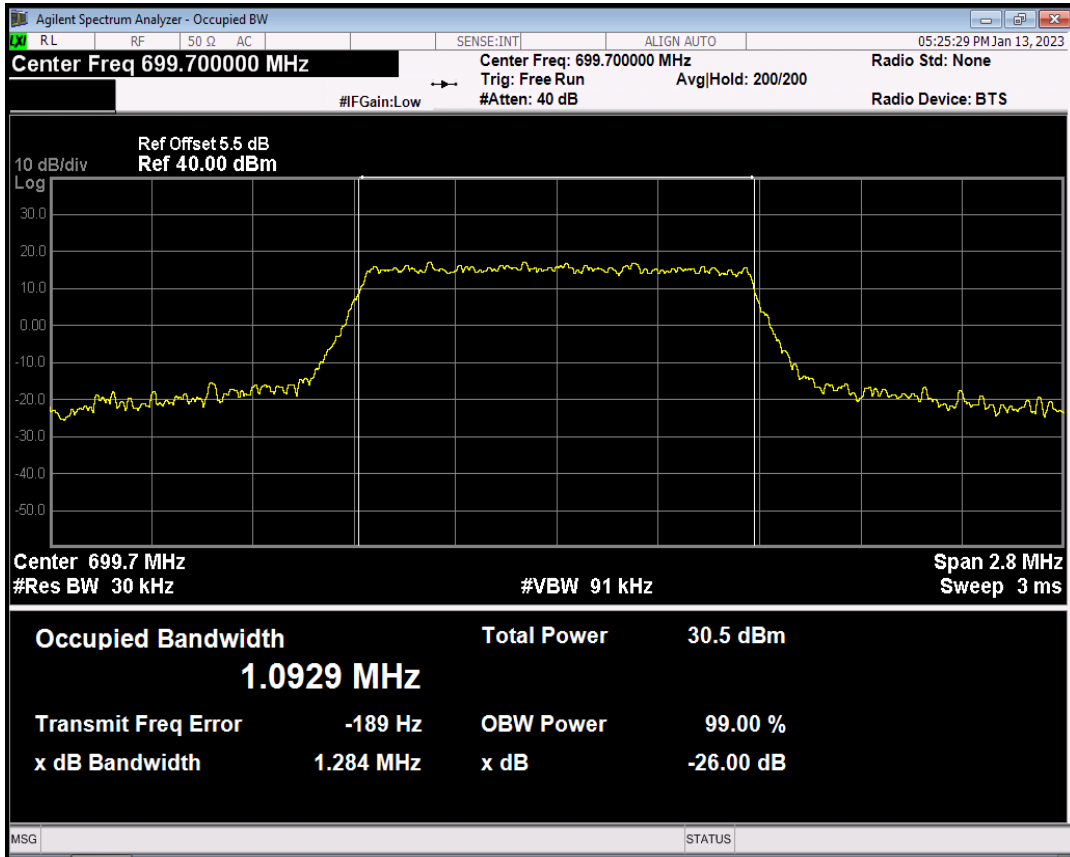
Band12 QAM16 BW=10MHz Channel=23130 RB Size=1 Position=#0



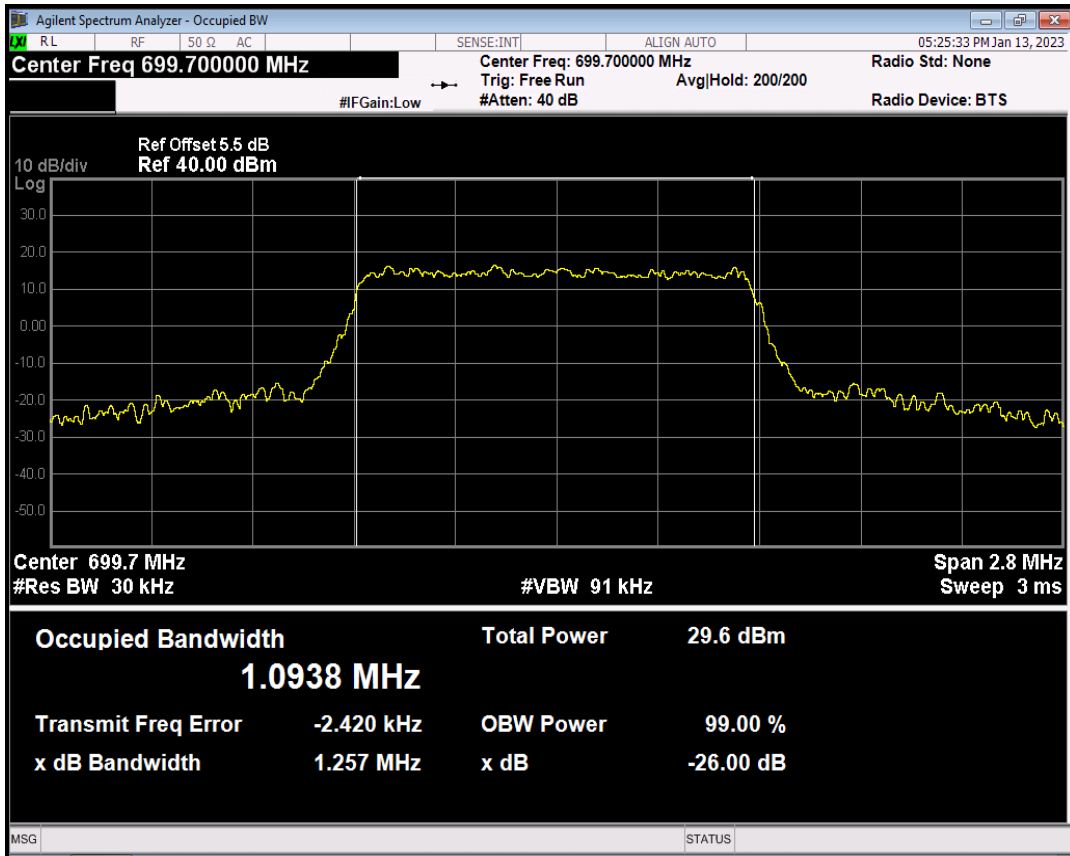
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.093	1.284	PASS
Band12	1.4	23017	6	#0	QAM16	1.094	1.257	PASS
Band12	1.4	23095	6	#0	QPSK	1.096	1.258	PASS
Band12	1.4	23095	6	#0	QAM16	1.096	1.269	PASS
Band12	1.4	23173	6	#0	QPSK	1.091	1.270	PASS
Band12	1.4	23173	6	#0	QAM16	1.098	1.299	PASS
Band12	3	23025	15	#0	QPSK	2.679	2.942	PASS
Band12	3	23025	15	#0	QAM16	2.683	2.969	PASS
Band12	3	23095	15	#0	QPSK	2.684	2.974	PASS
Band12	3	23095	15	#0	QAM16	2.683	2.986	PASS
Band12	3	23165	15	#0	QPSK	2.689	2.940	PASS
Band12	3	23165	15	#0	QAM16	2.685	2.973	PASS
Band12	5	23035	25	#0	QPSK	4.500	4.901	PASS
Band12	5	23035	25	#0	QAM16	4.516	4.881	PASS
Band12	5	23095	25	#0	QPSK	4.493	4.877	PASS
Band12	5	23095	25	#0	QAM16	4.509	4.861	PASS
Band12	5	23155	25	#0	QPSK	4.518	4.901	PASS
Band12	5	23155	25	#0	QAM16	4.517	4.896	PASS
Band12	10	23060	50	#0	QPSK	9.023	9.702	PASS
Band12	10	23060	50	#0	QAM16	9.051	9.707	PASS
Band12	10	23095	50	#0	QPSK	8.949	9.705	PASS
Band12	10	23095	50	#0	QAM16	8.951	9.591	PASS
Band12	10	23130	50	#0	QPSK	8.976	9.631	PASS
Band12	10	23130	50	#0	QAM16	8.957	9.654	PASS

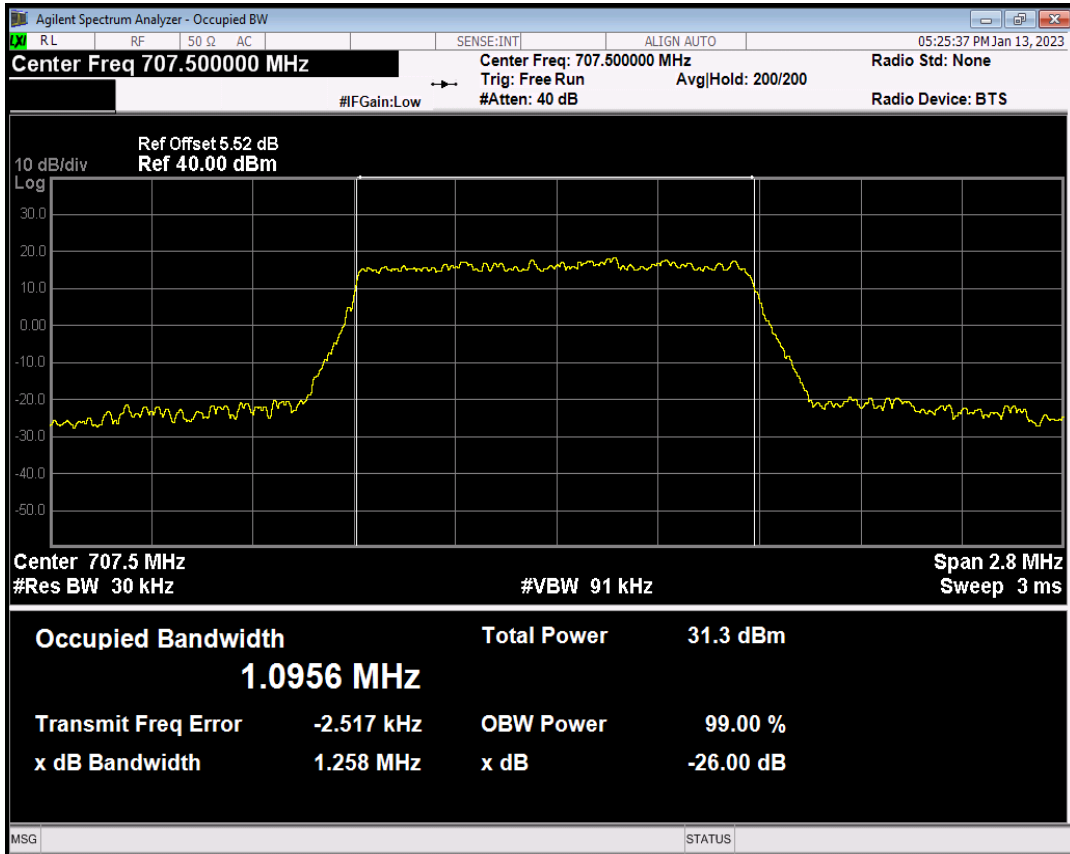
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



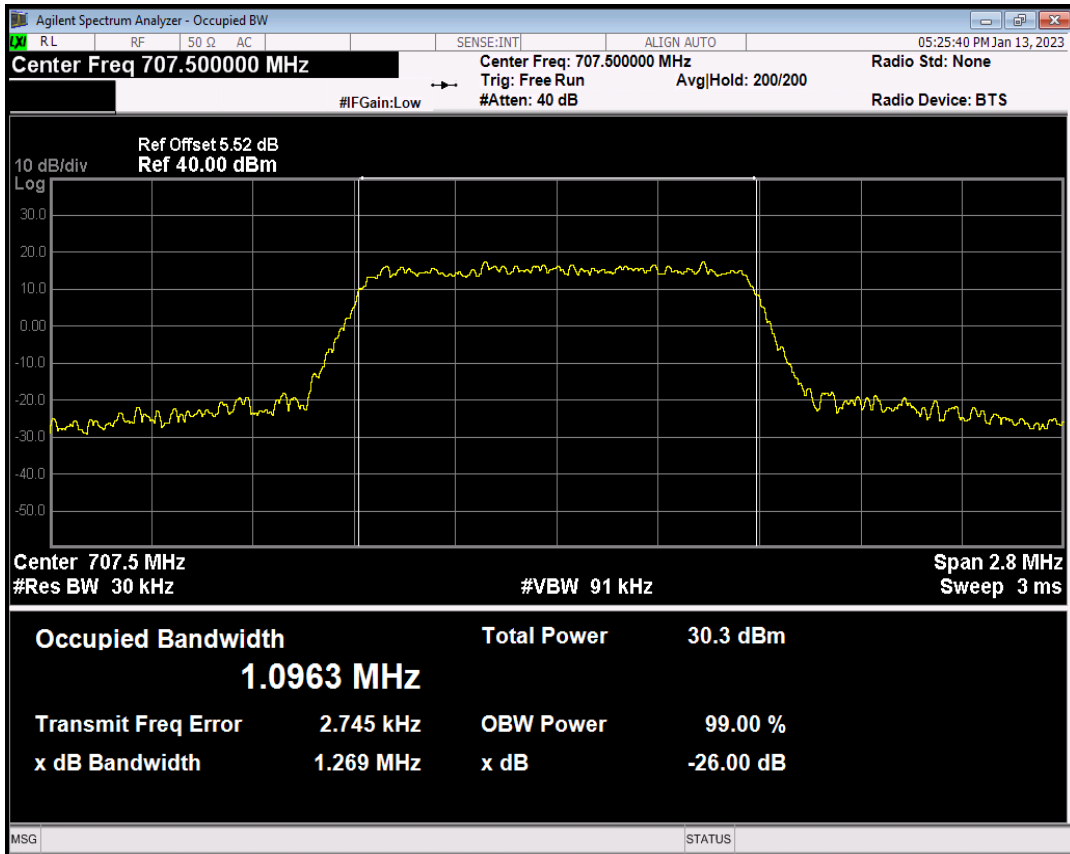
Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



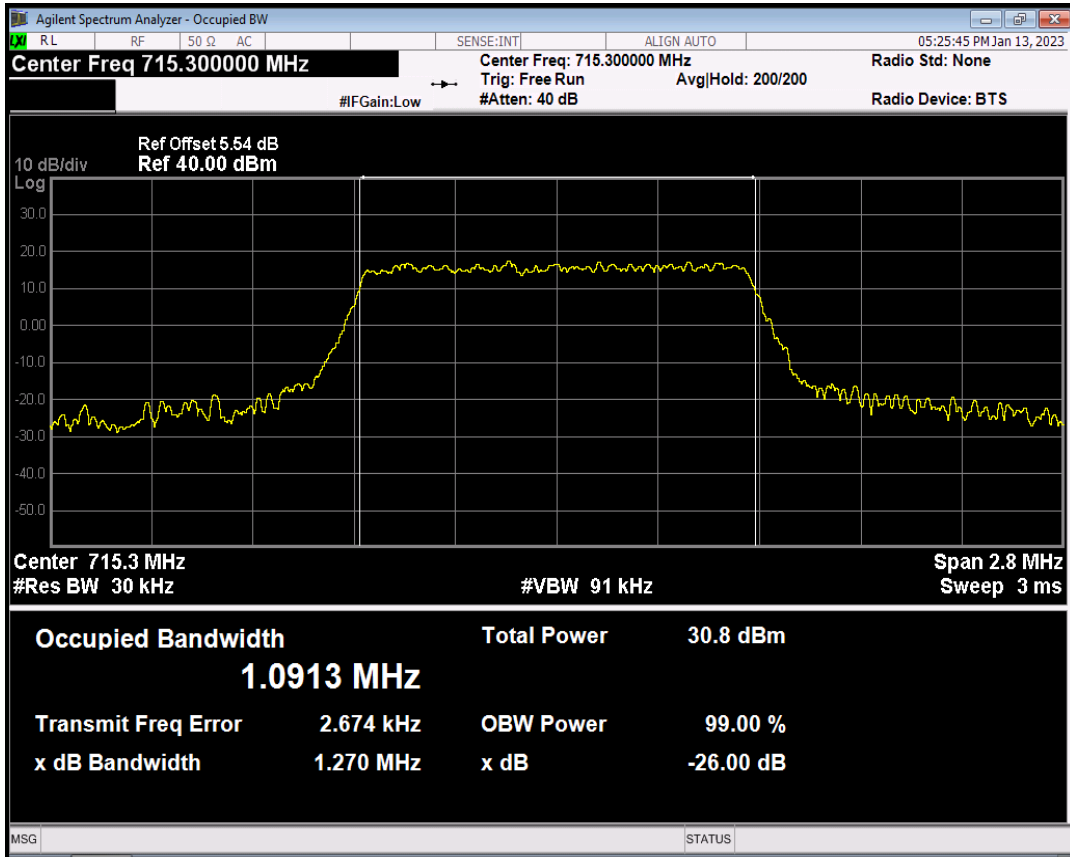
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



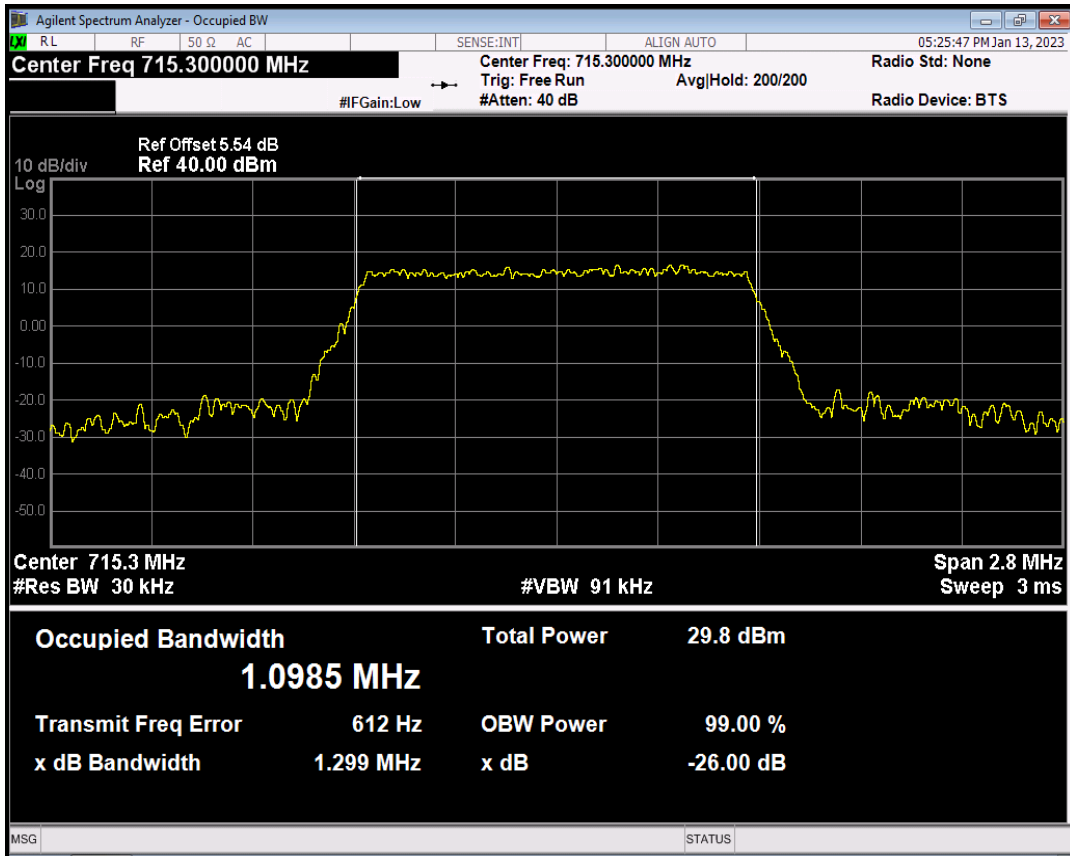
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0



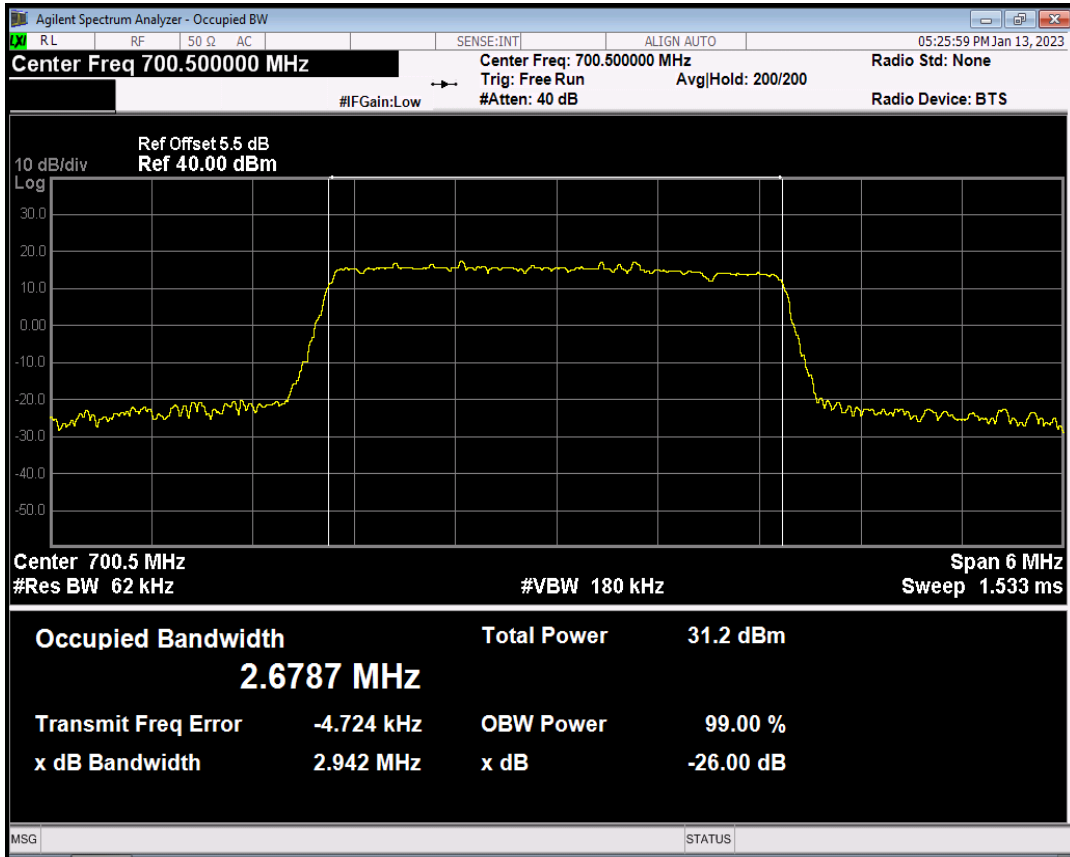
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



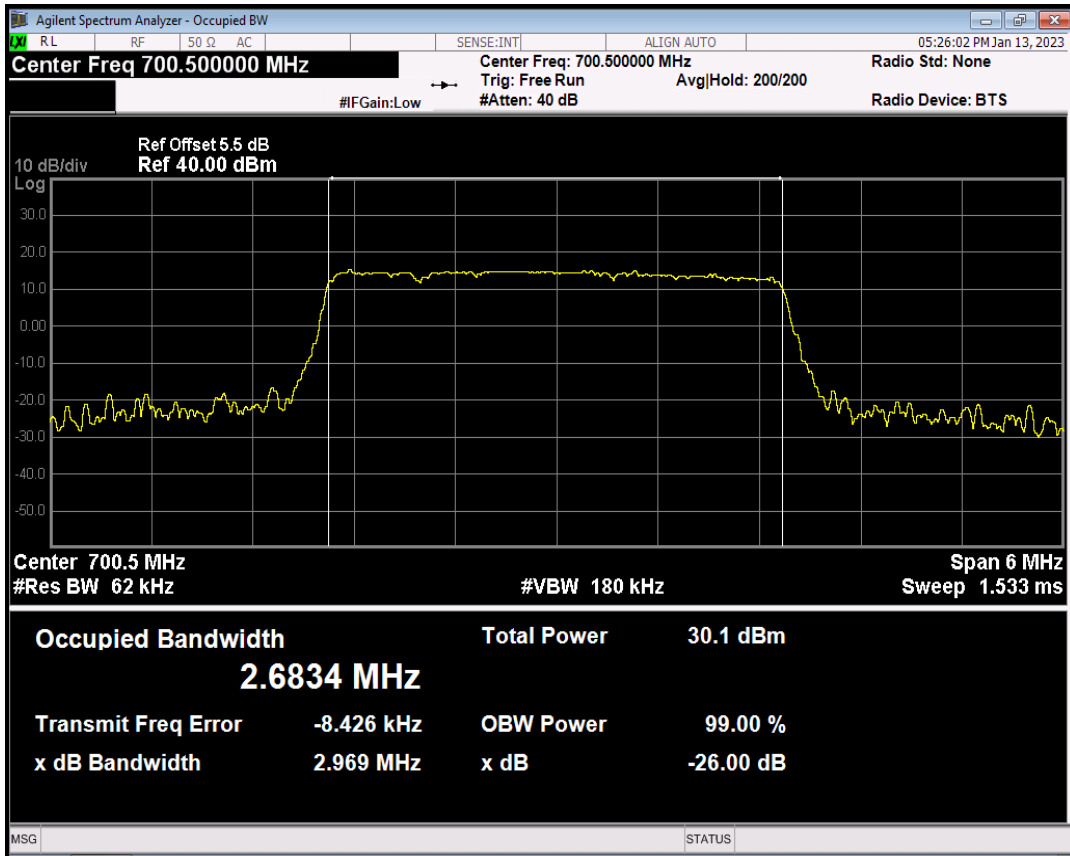
Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0



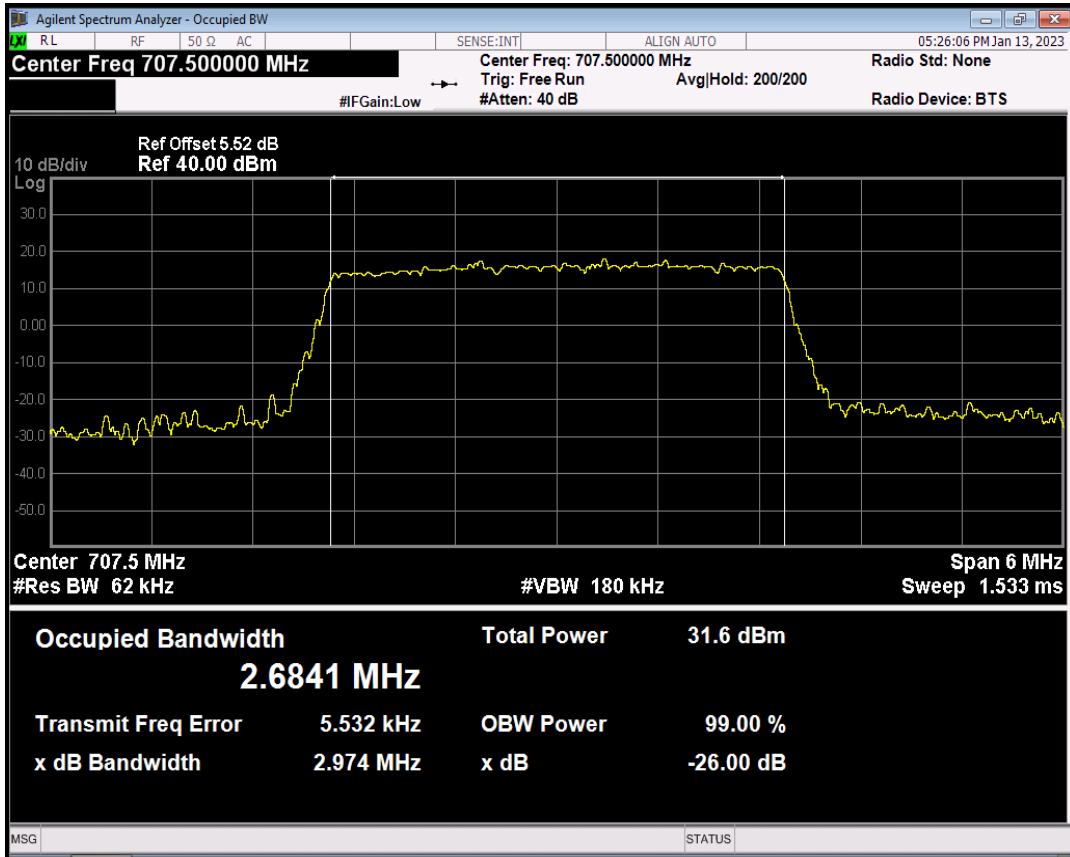
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



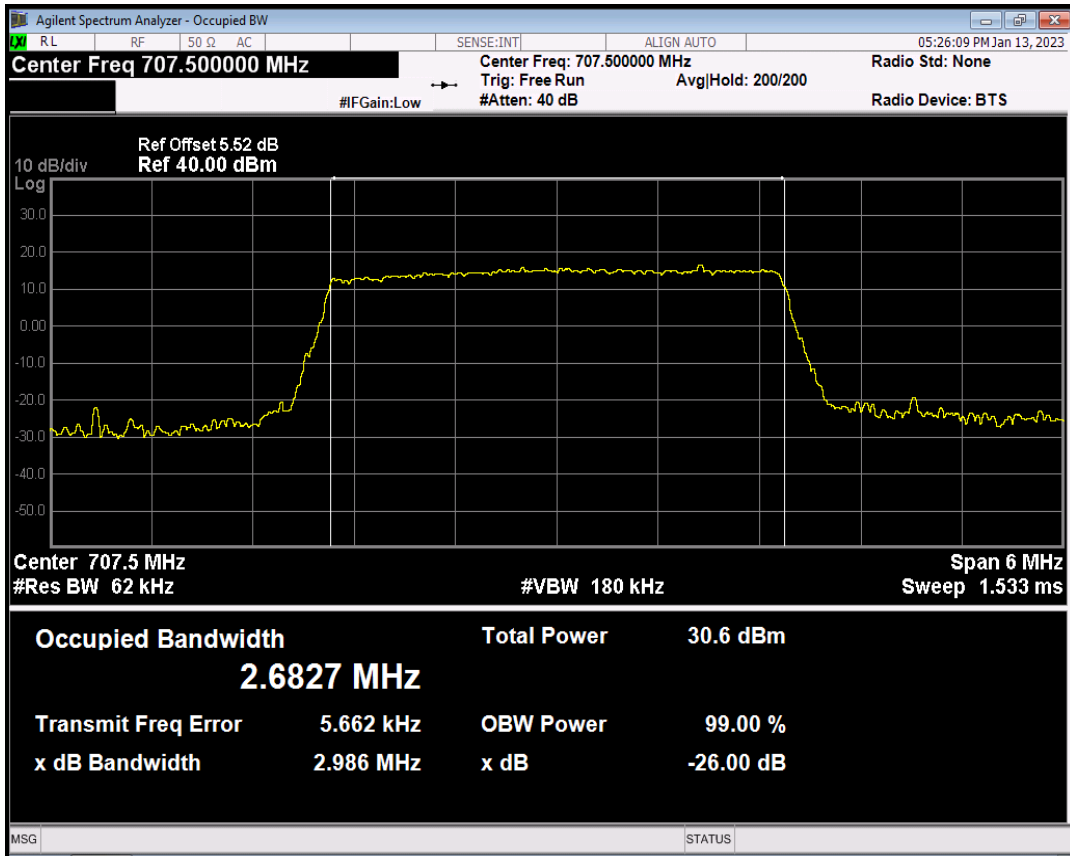
Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0



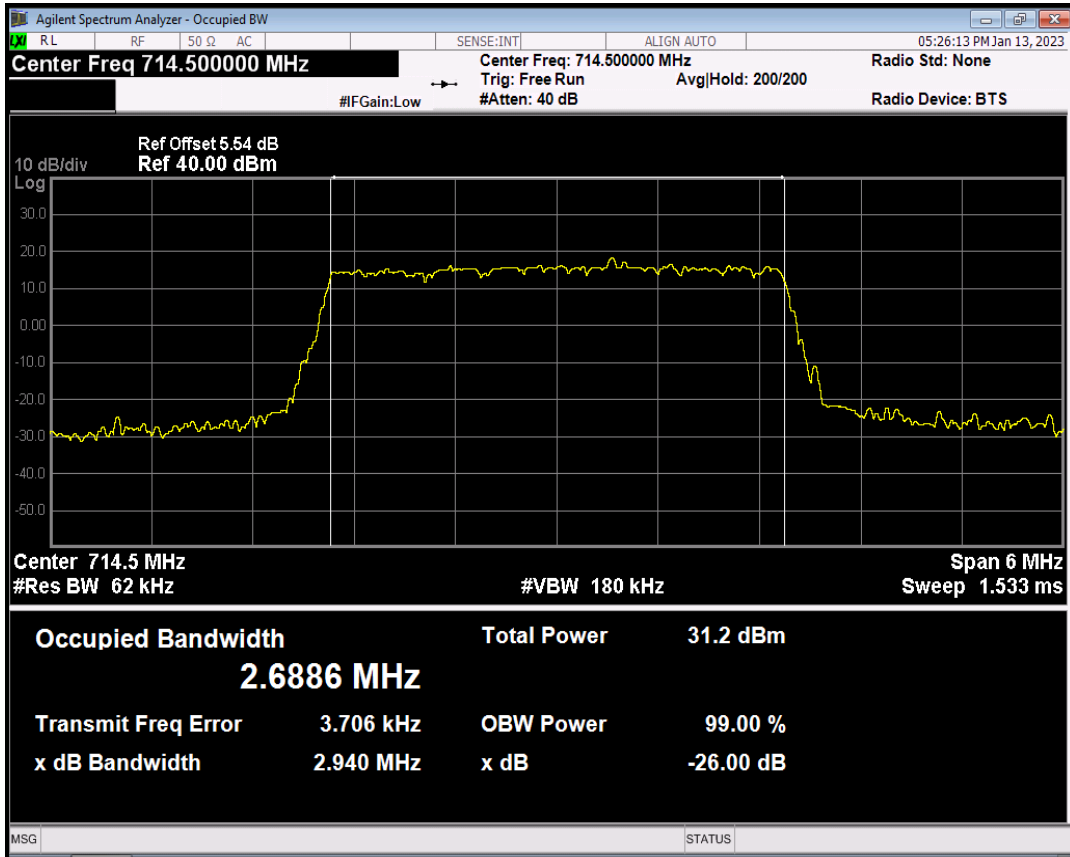
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



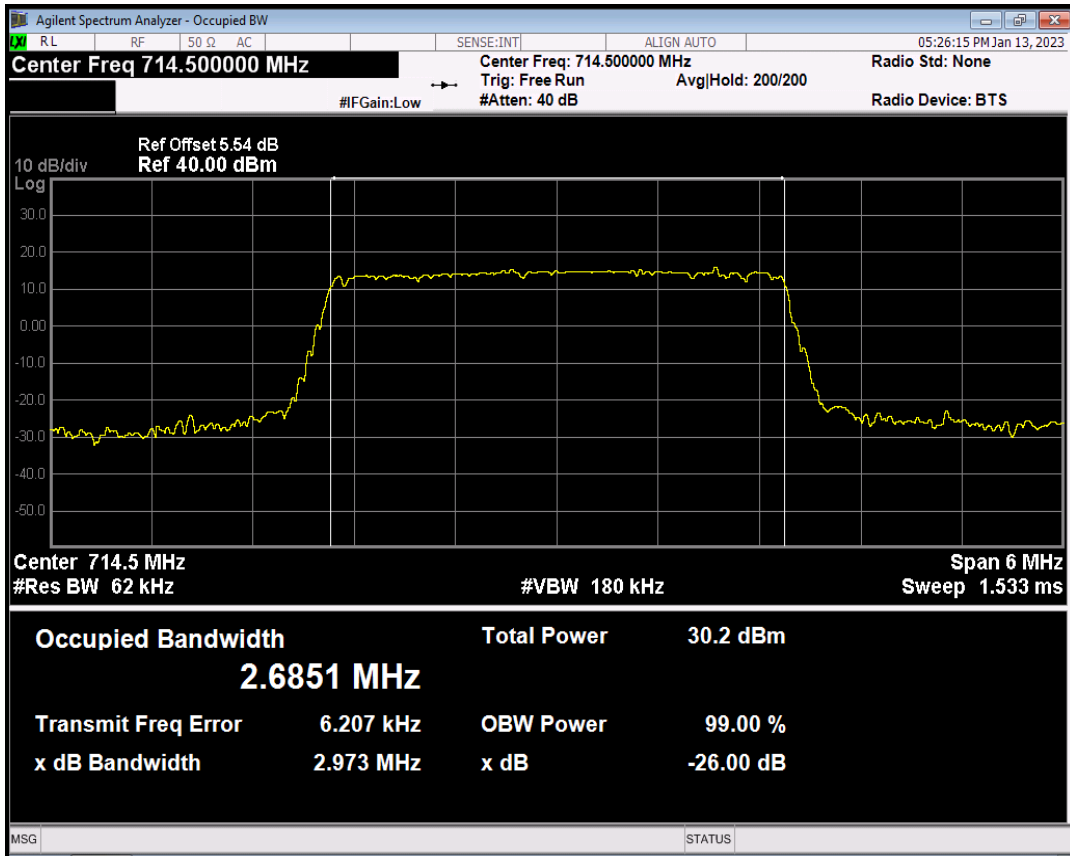
Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



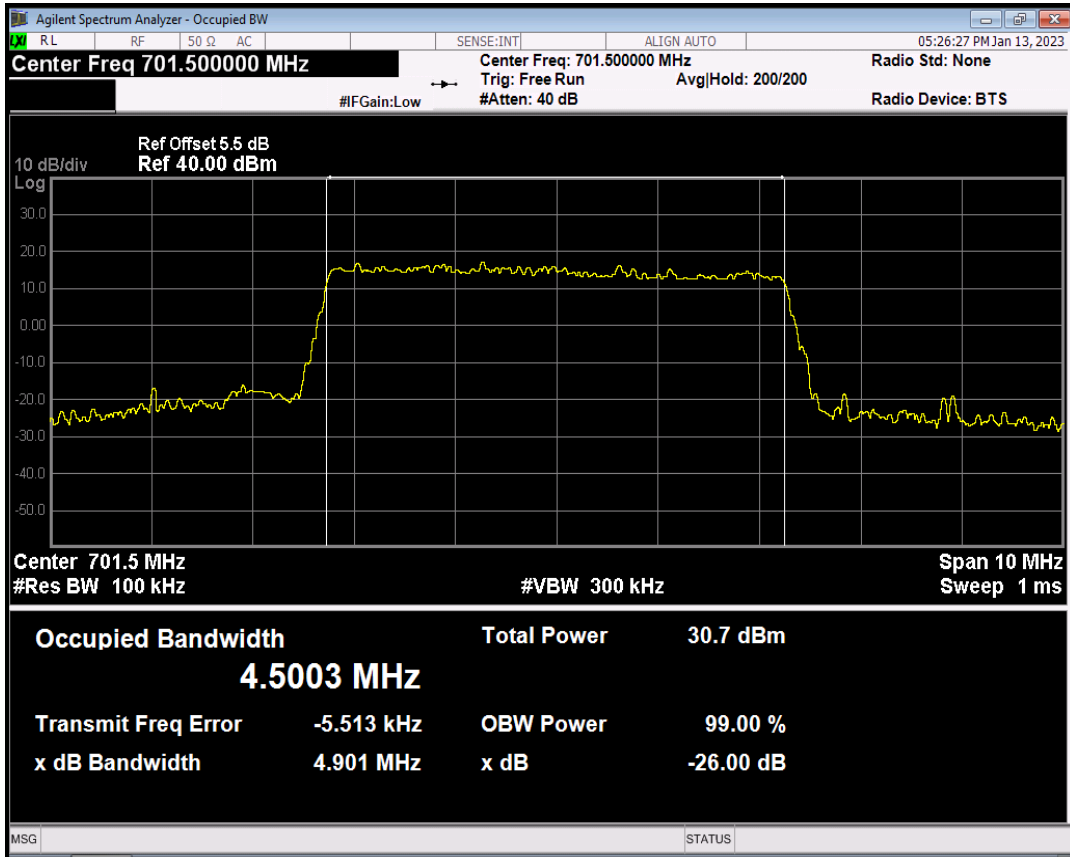
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



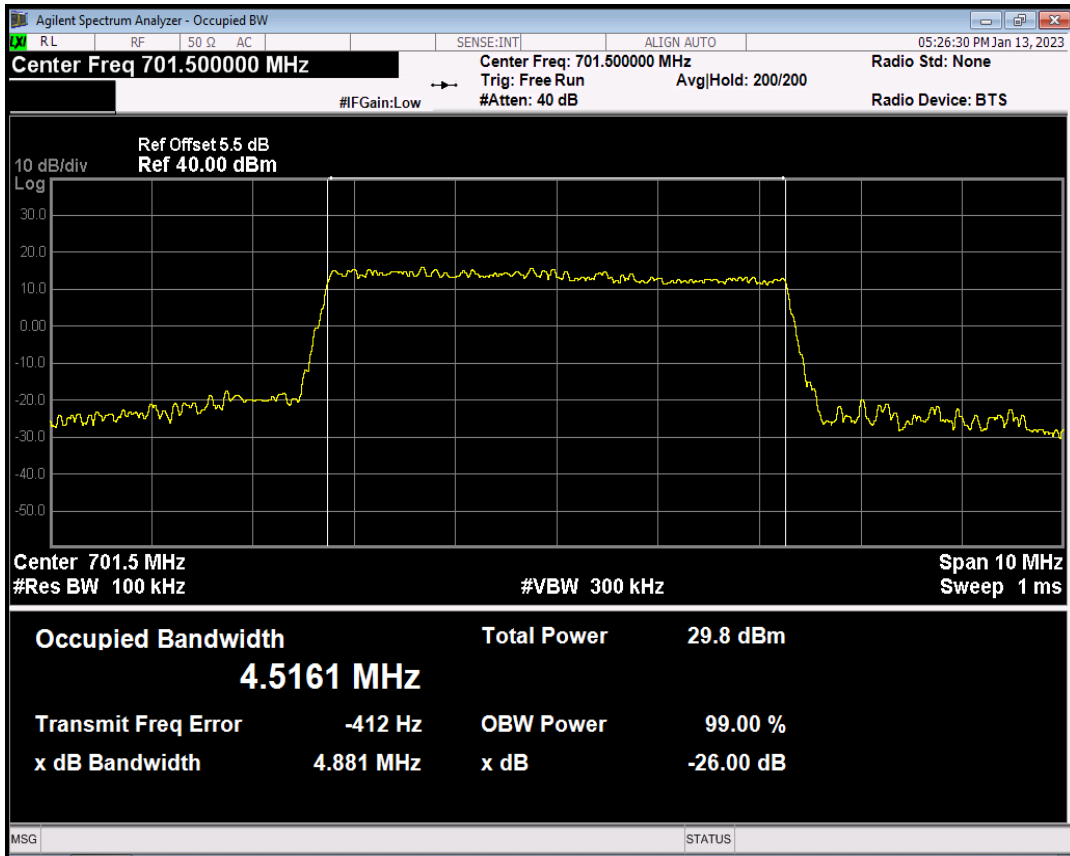
Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0



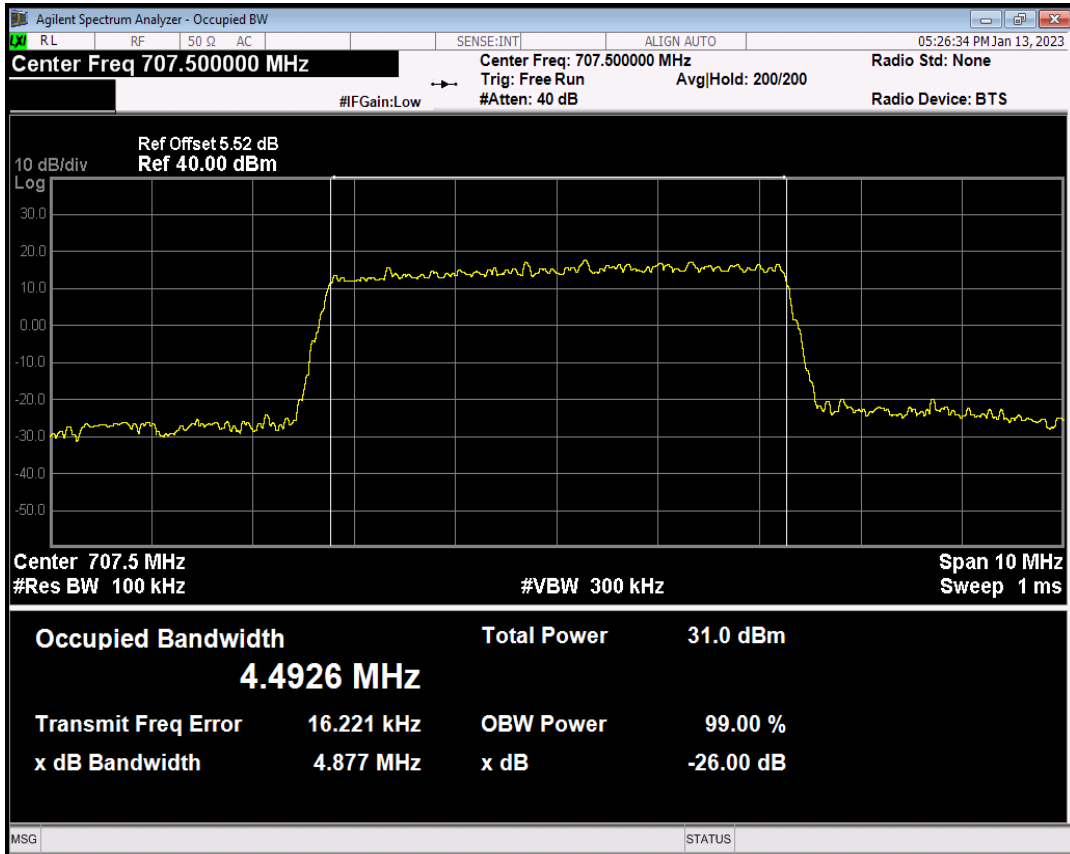
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



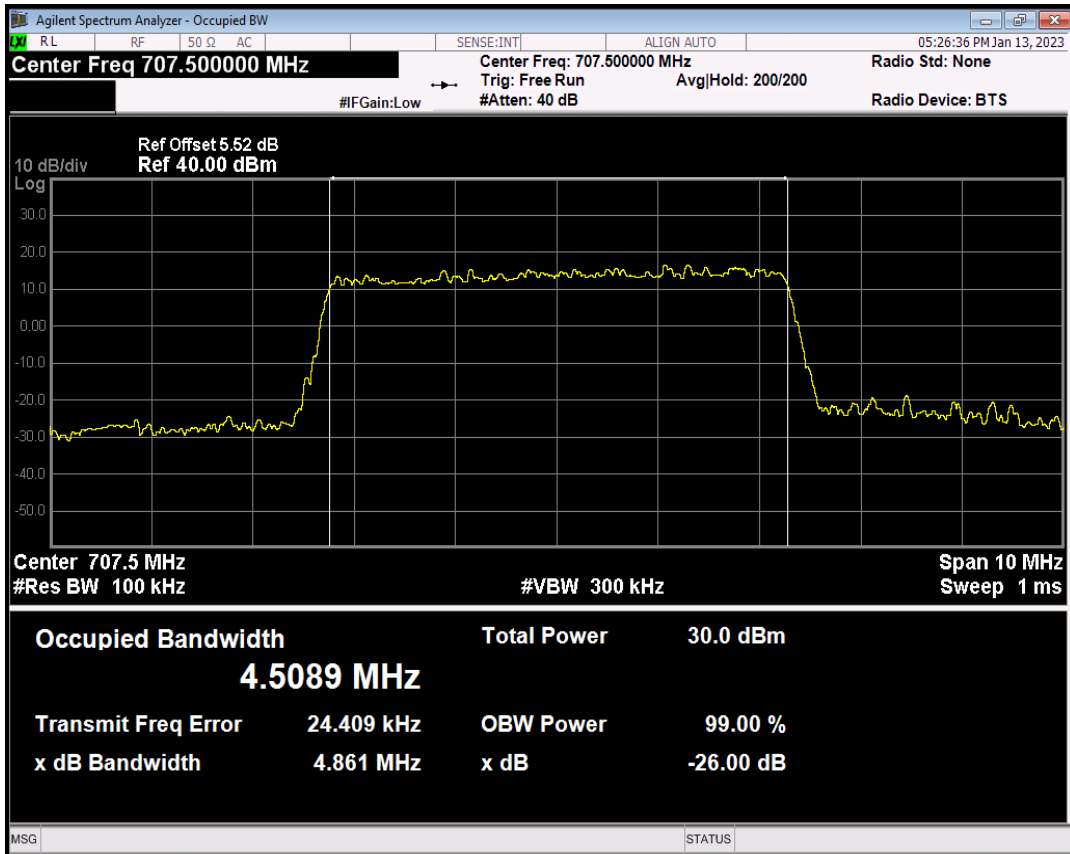
Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



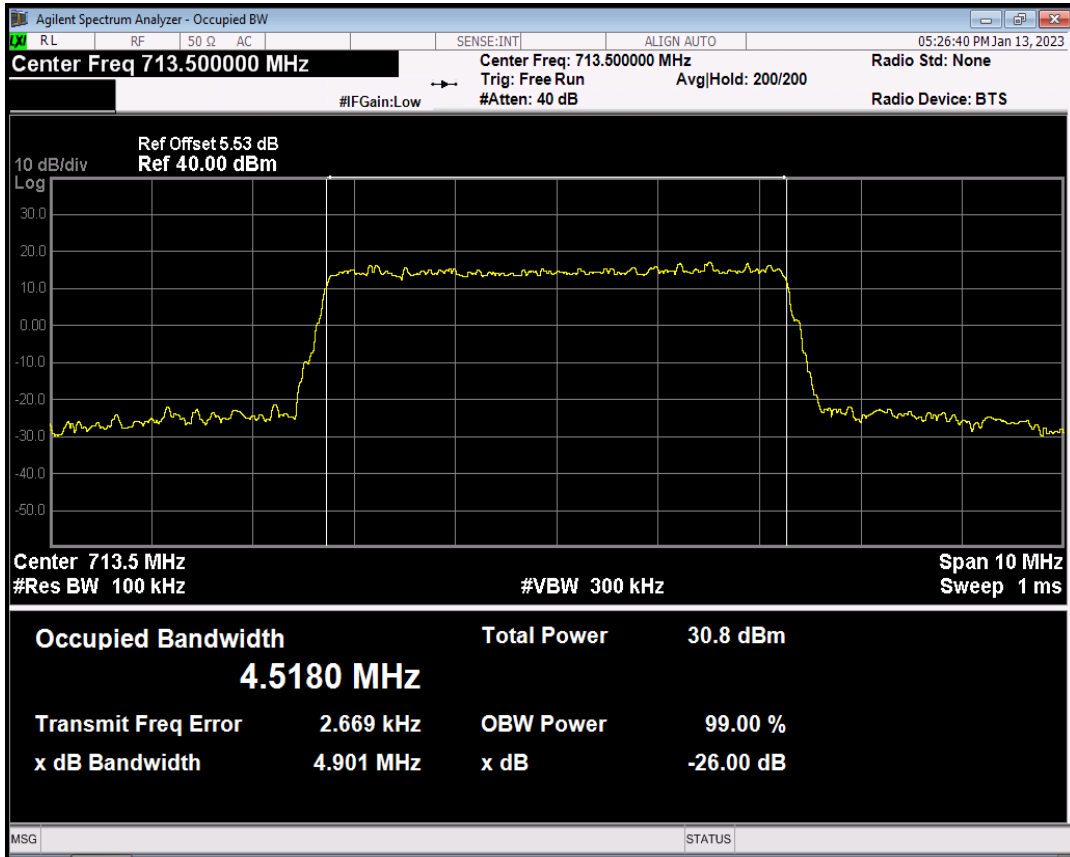
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



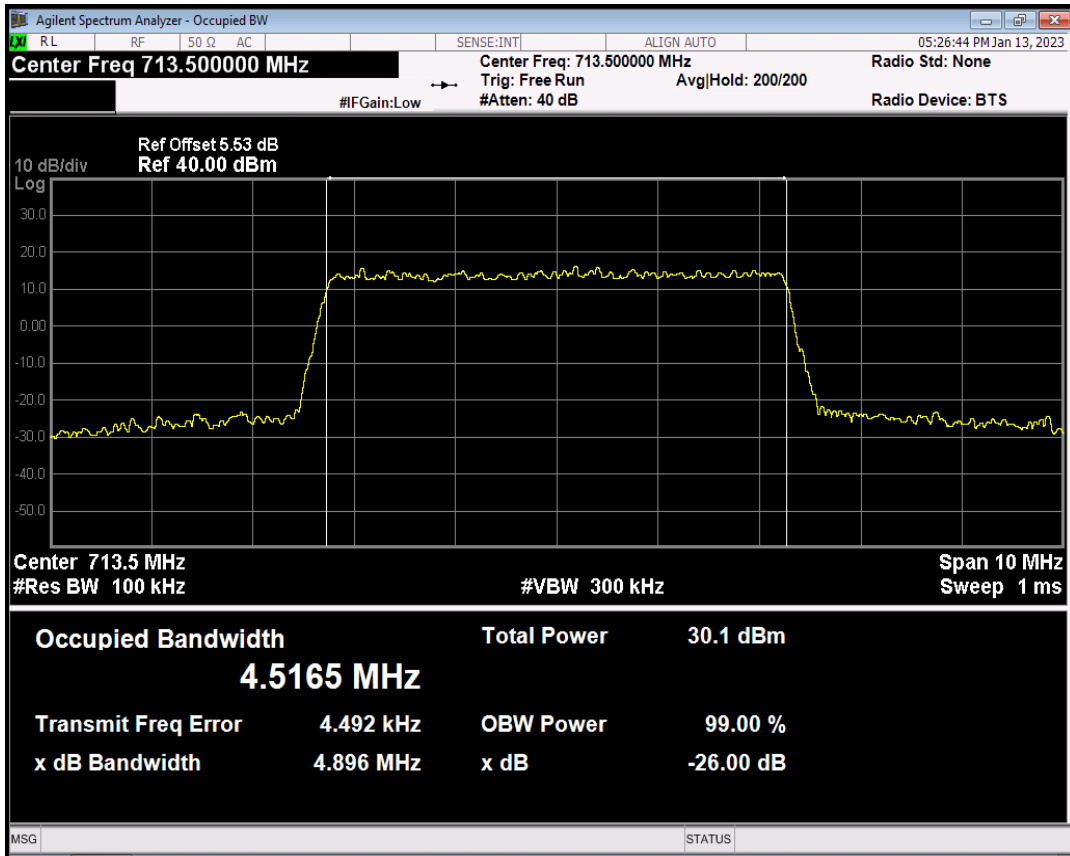
Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



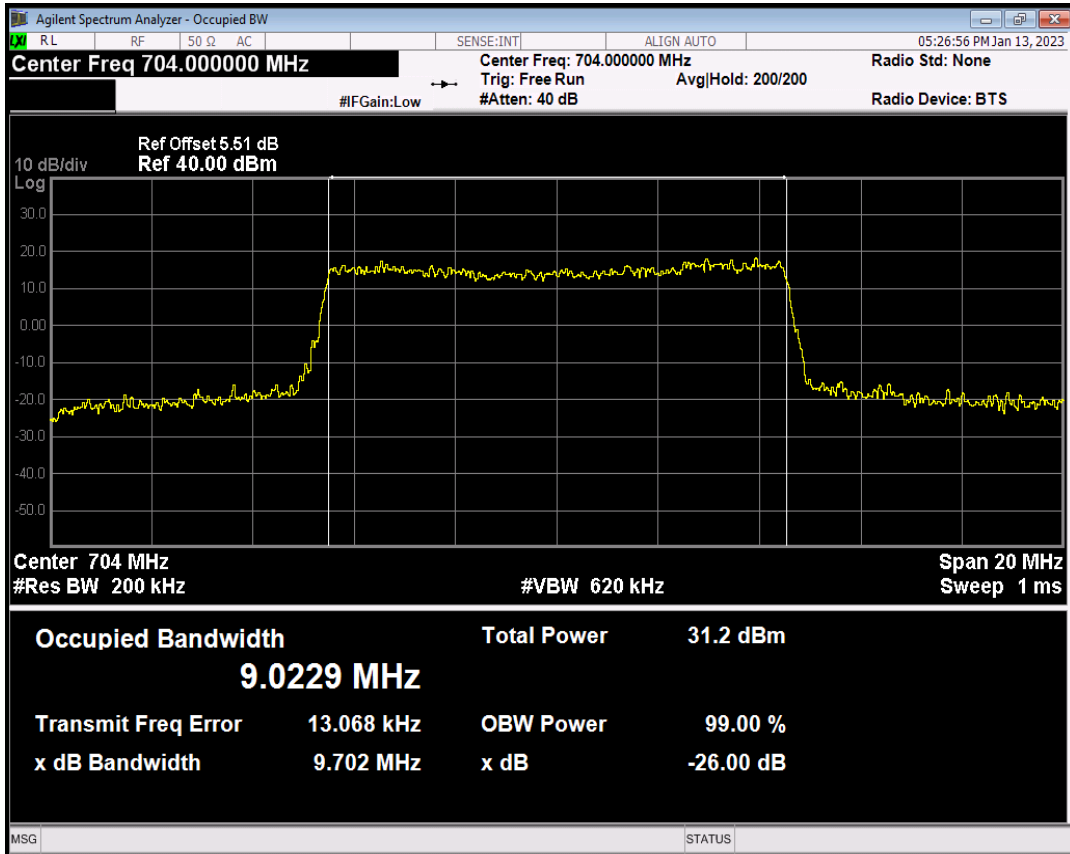
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



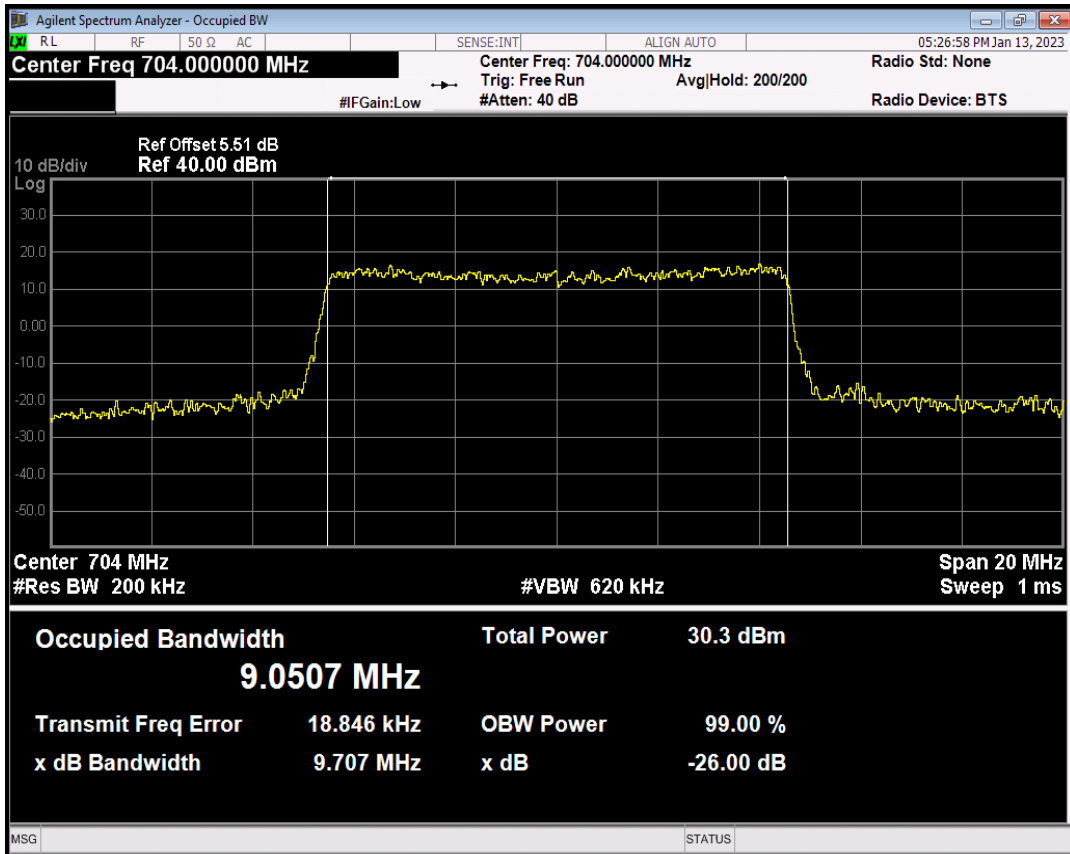
Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0



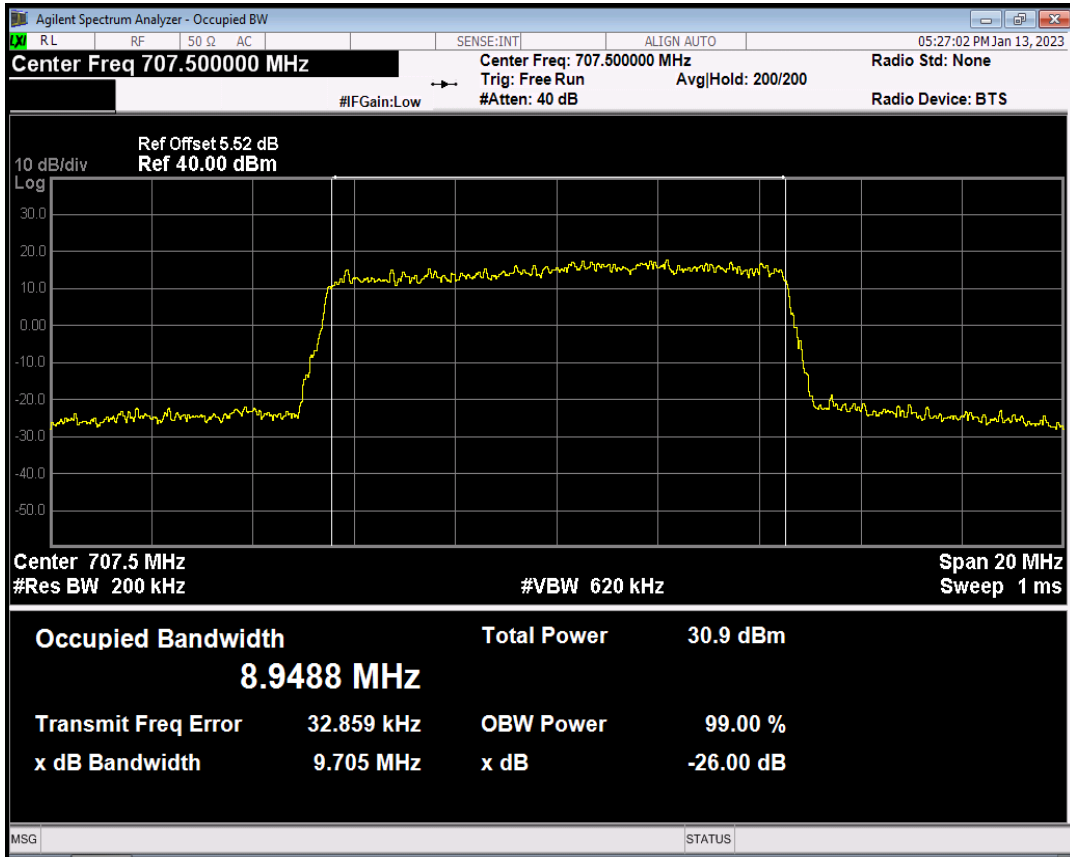
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



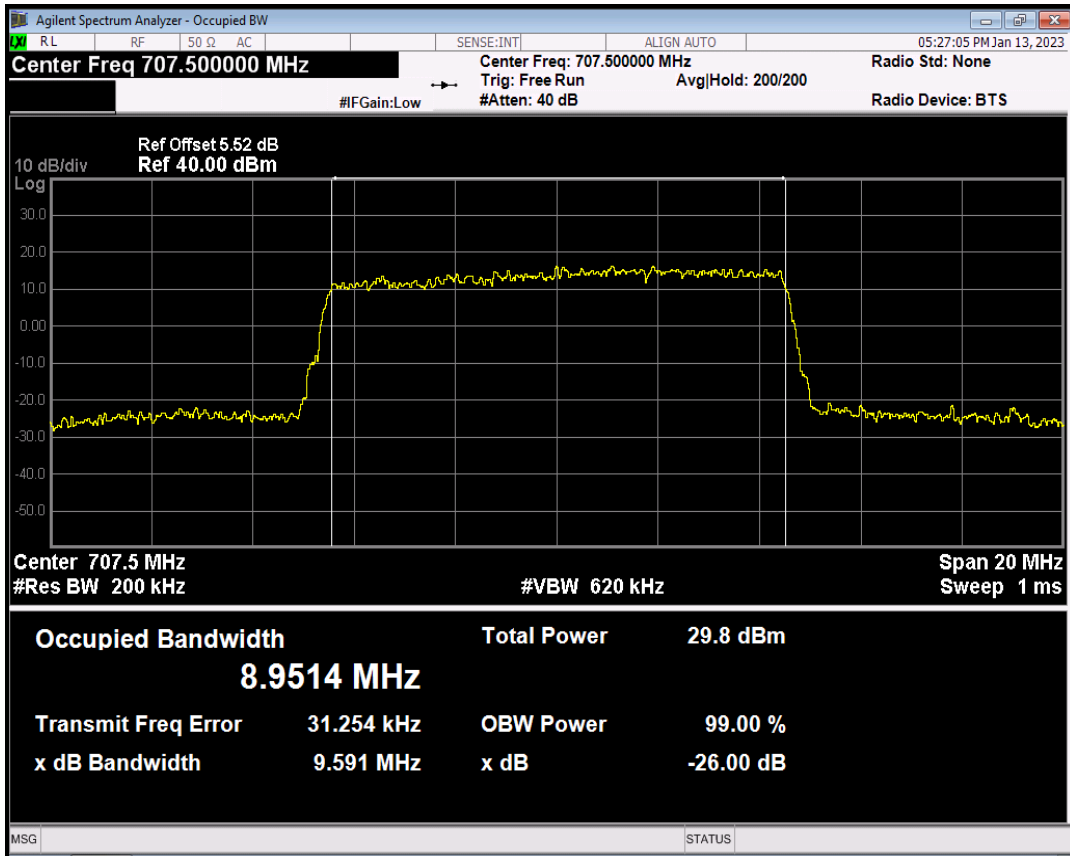
Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0



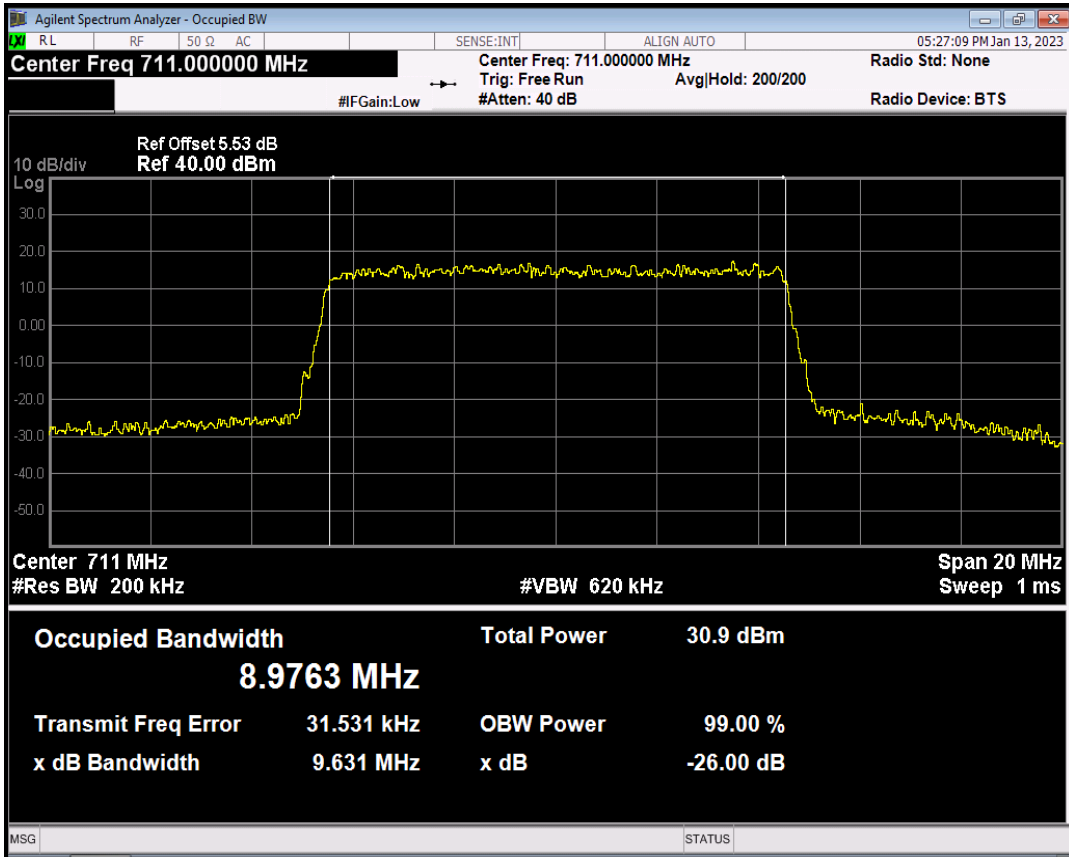
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



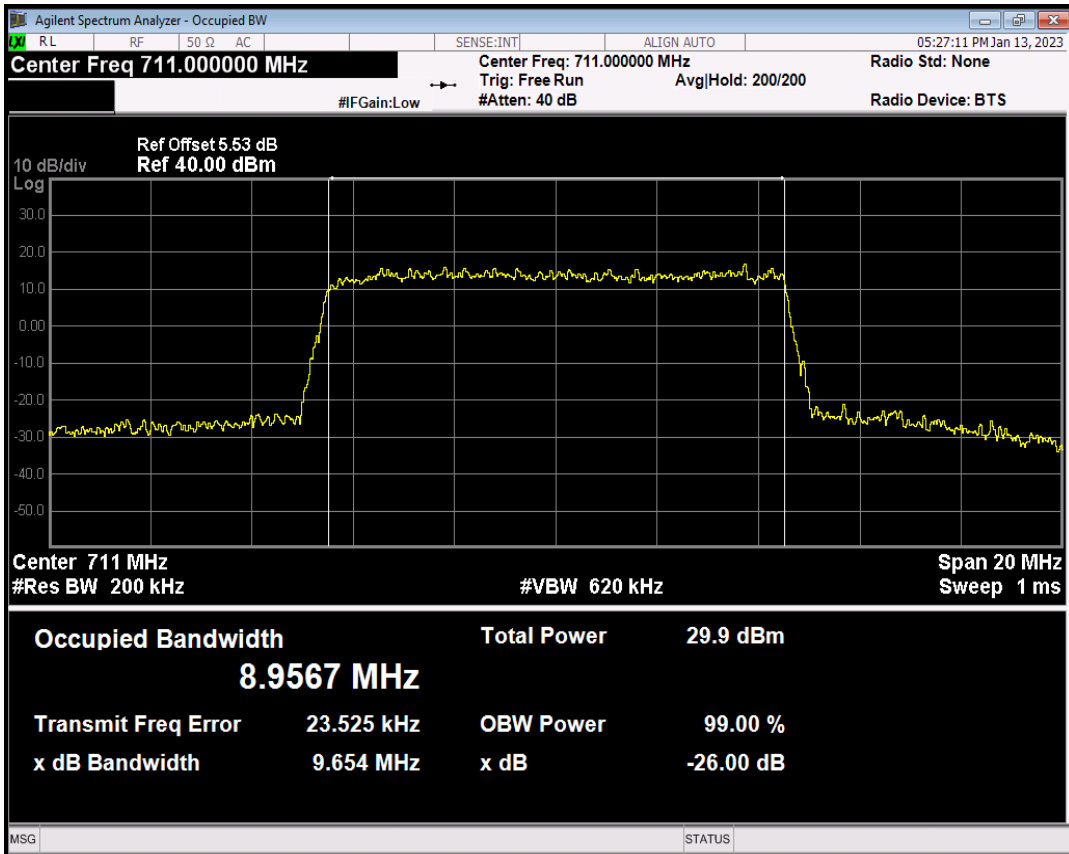
Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



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



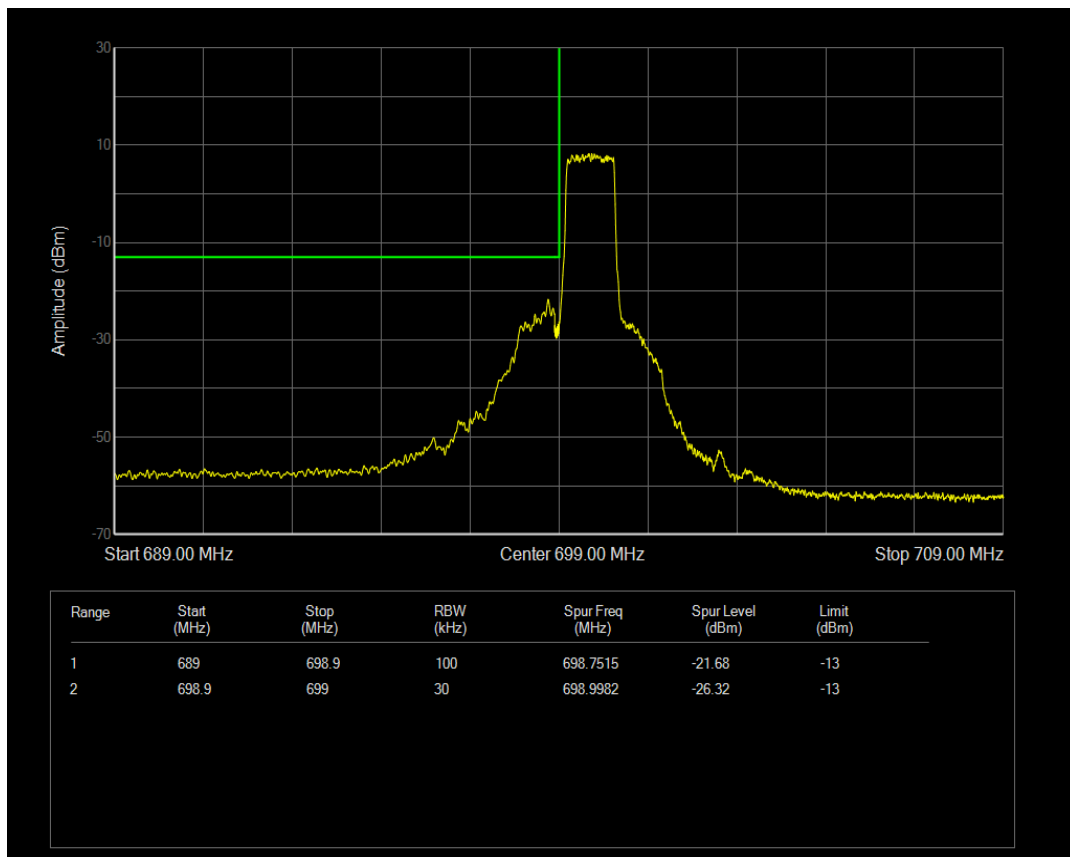
Band12 QAM16 BW=10MHz Channel=23130 RB Size=50 Position=#0



Appendix 5. Band edge

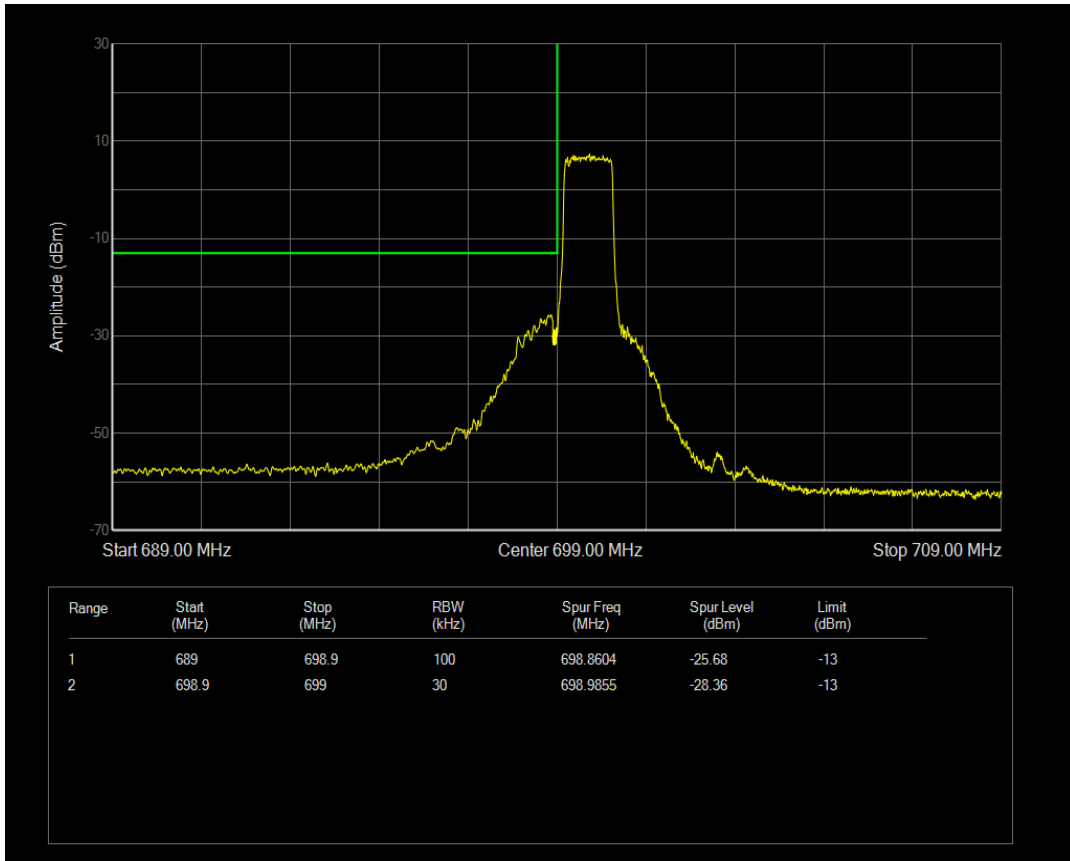
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.75	-21.68	-13	PASS
Band12	1.4	23017	6	#0	QAM16	698.86	-25.68	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.11	-27.47	-13	PASS
Band12	1.4	23173	6	#0	QAM16	716.12	-28.08	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-27.42	-13	PASS
Band12	3	23025	15	#0	QAM16	698.86	-27.89	-13	PASS
Band12	3	23165	15	#0	QPSK	716.01	-27.66	-13	PASS
Band12	3	23165	15	#0	QAM16	716.11	-27.78	-13	PASS
Band12	5	23035	25	#0	QPSK	698.57	-26.60	-13	PASS
Band12	5	23035	25	#0	QAM16	698.75	-28.37	-13	PASS
Band12	5	23155	25	#0	QPSK	716.51	-30.27	-13	PASS
Band12	5	23155	25	#0	QAM16	716.30	-31.12	-13	PASS
Band12	10	23060	50	#0	QPSK	698.79	-28.63	-13	PASS
Band12	10	23060	50	#0	QAM16	698.90	-30.16	-13	PASS
Band12	10	23130	50	#0	QPSK	716.19	-33.82	-13	PASS
Band12	10	23130	50	#0	QAM16	716.11	-34.22	-13	PASS

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

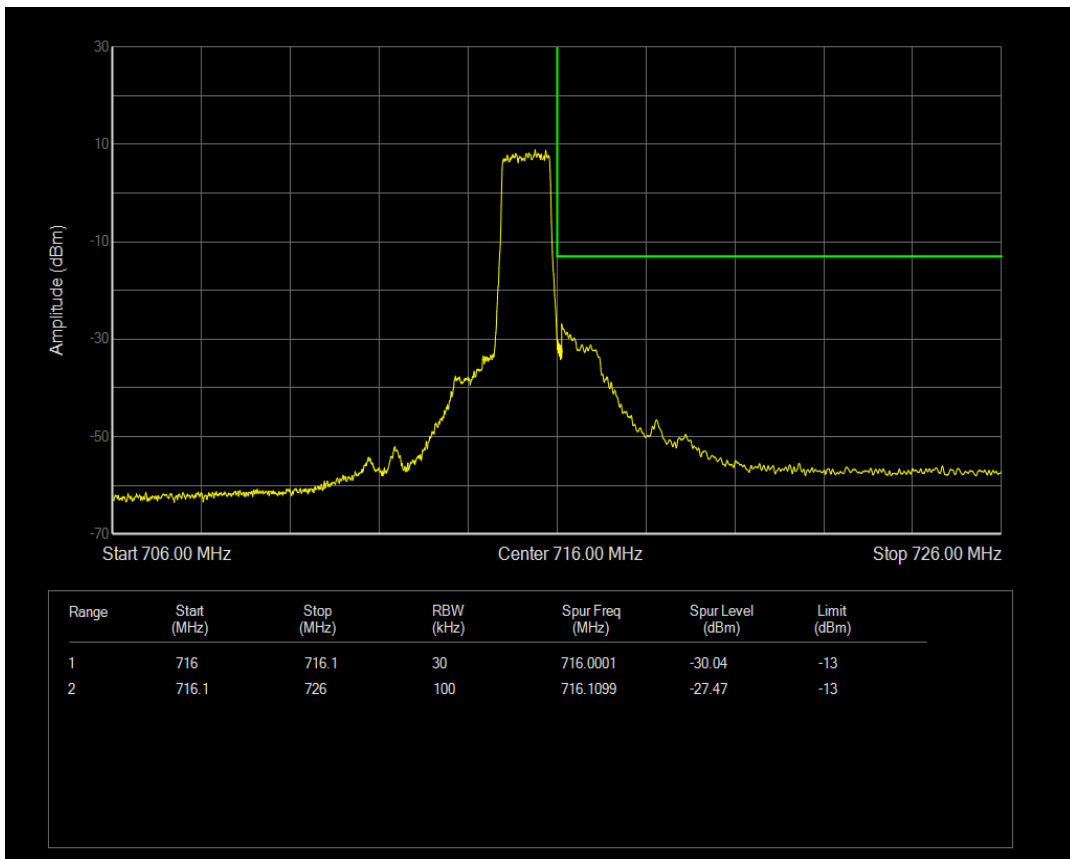




Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0

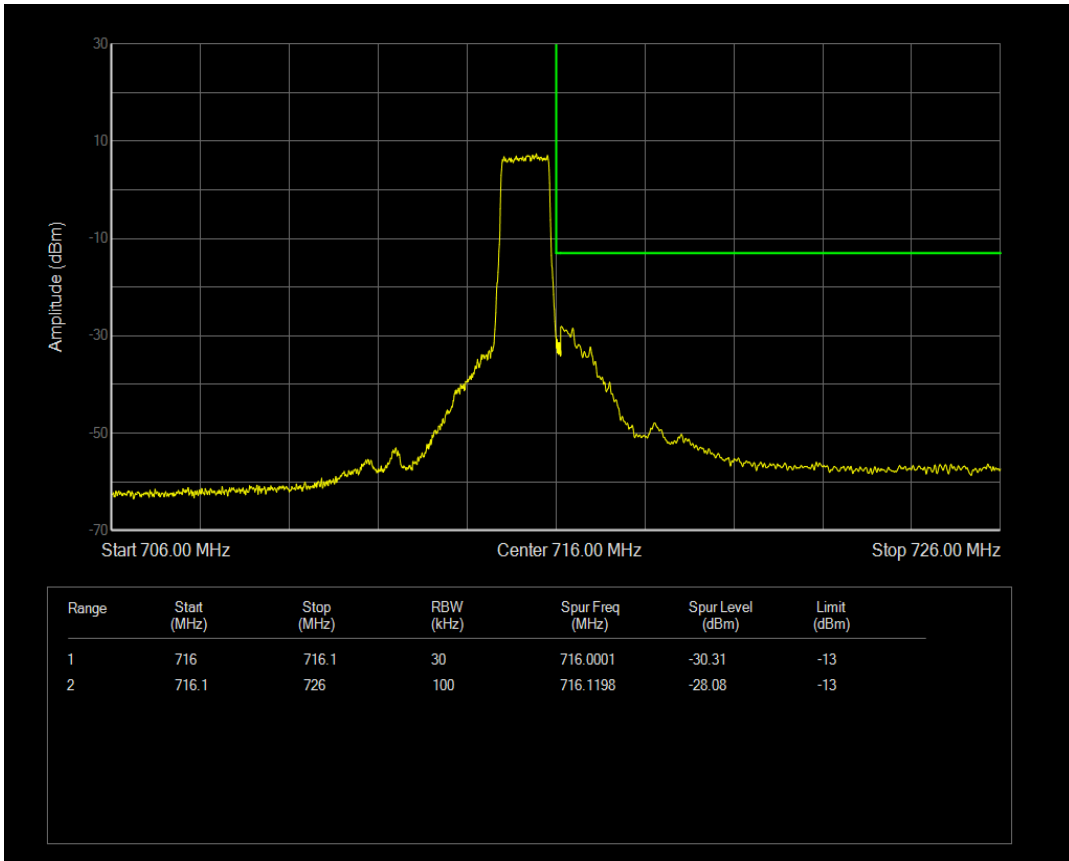


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0

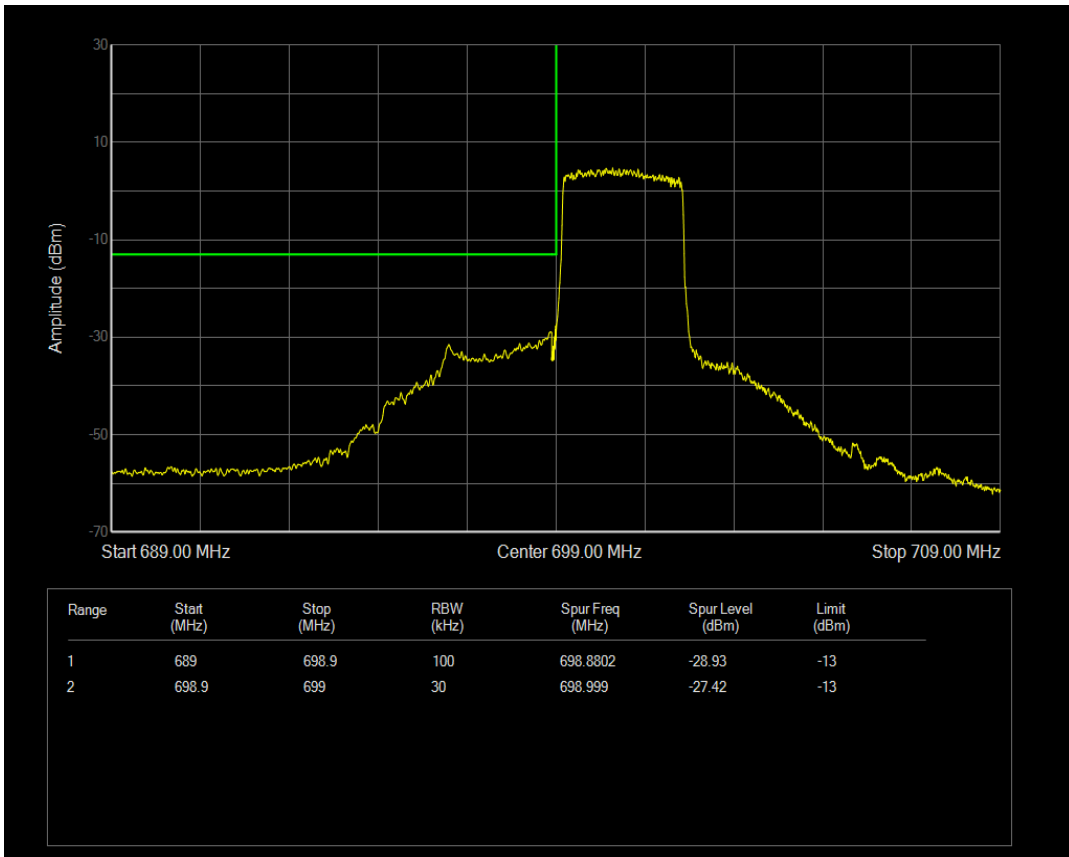




Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0

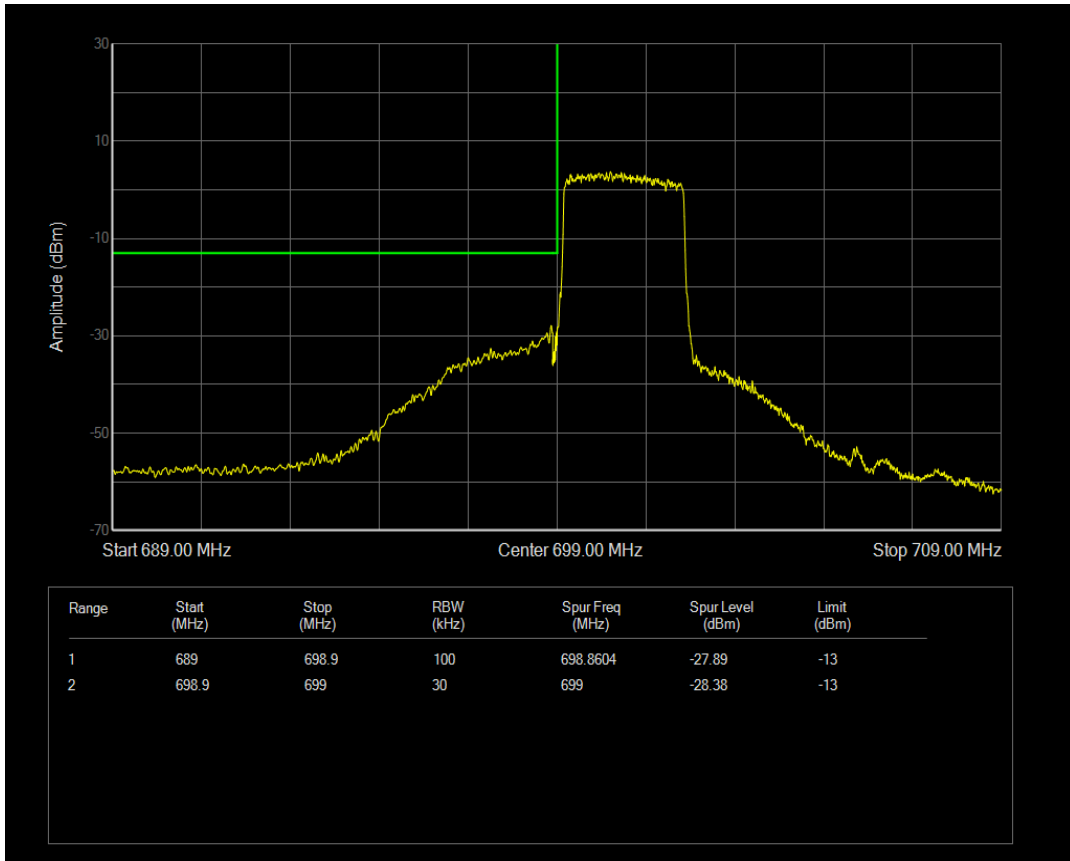


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0

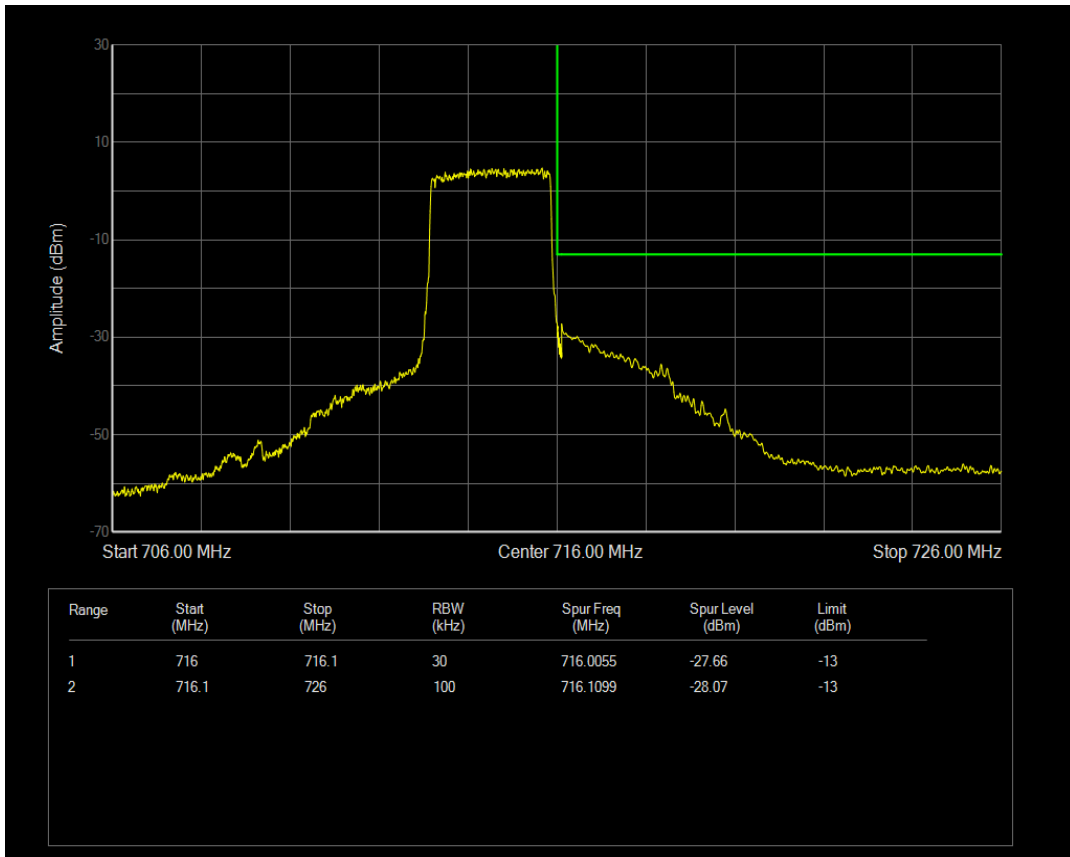




Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0

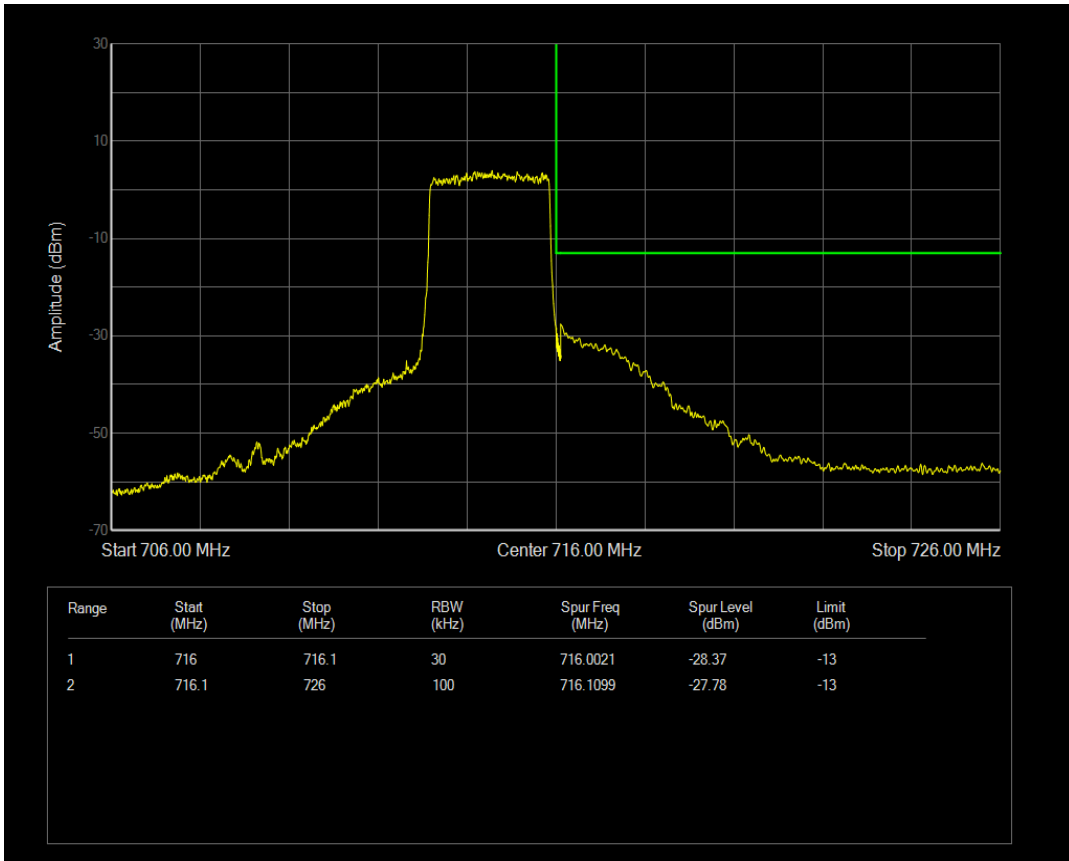


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

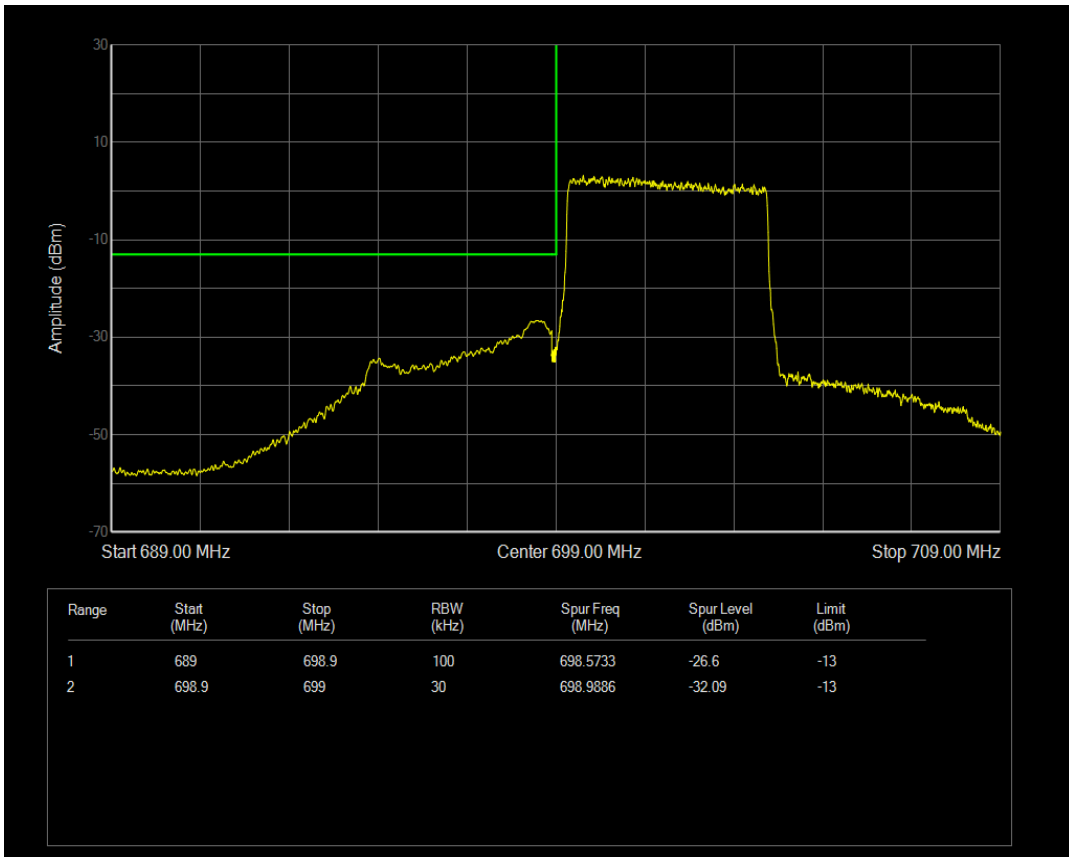




Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0

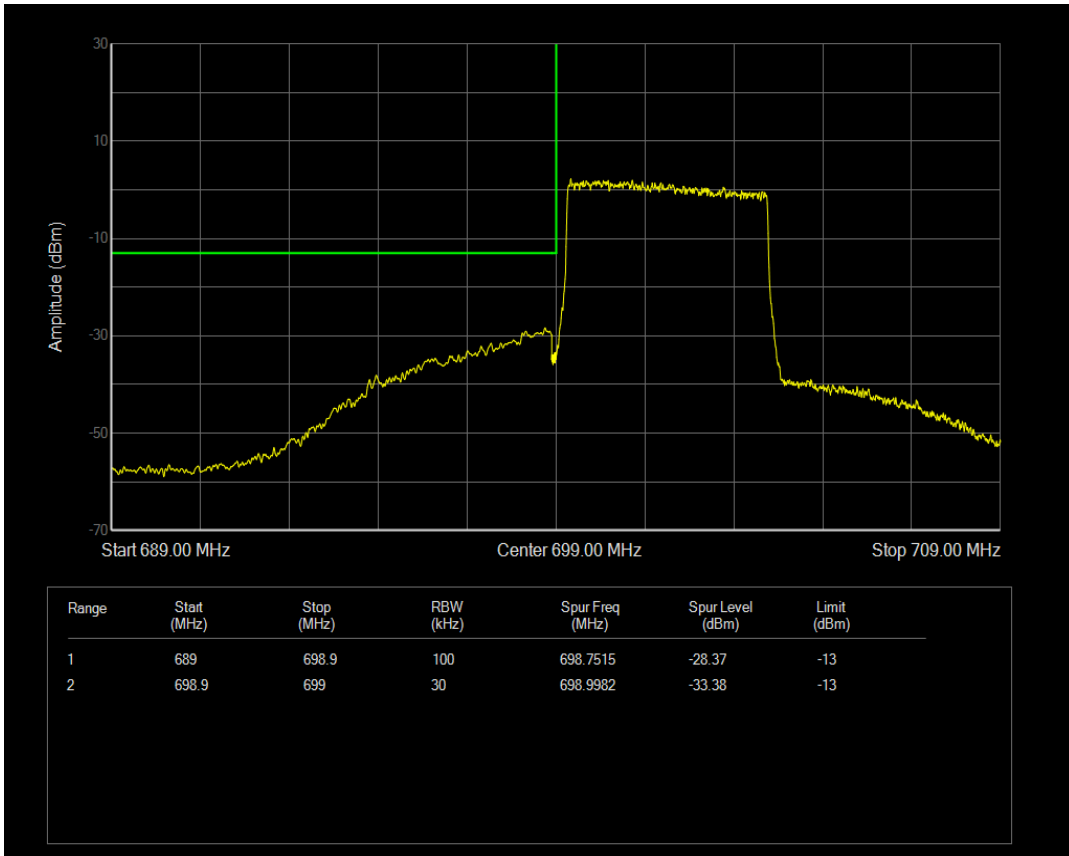


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0

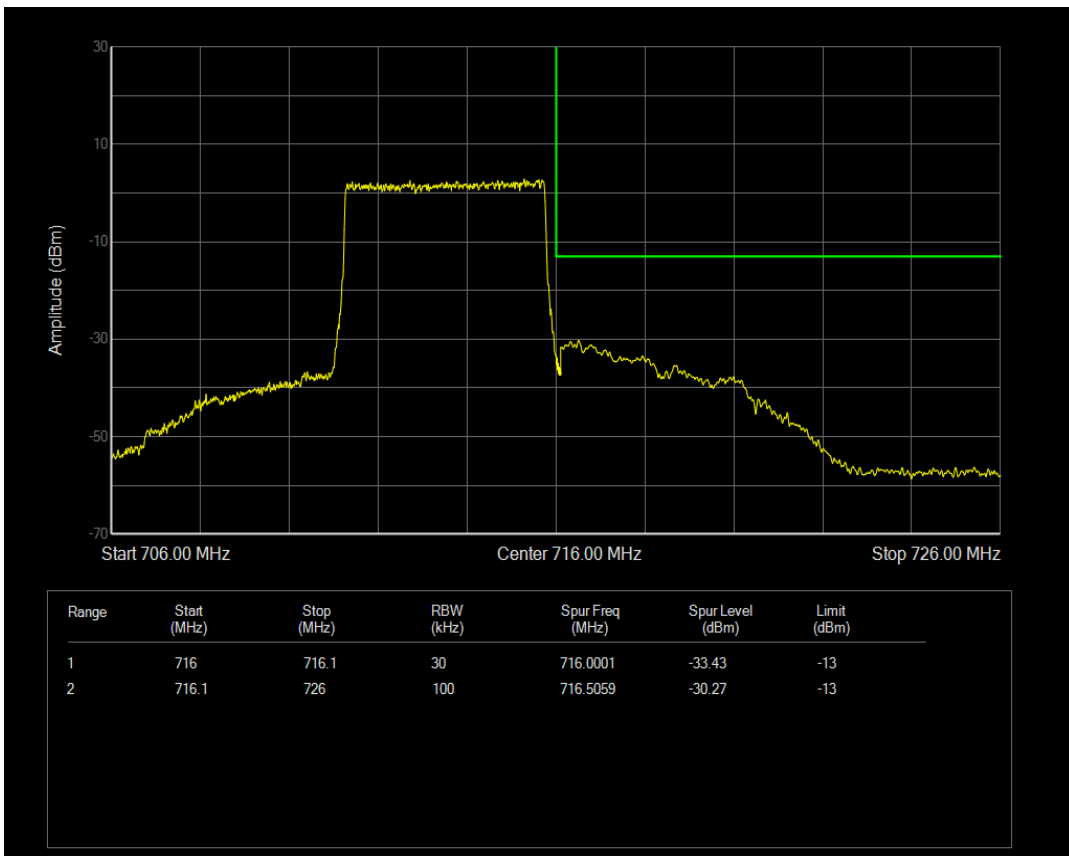




Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0

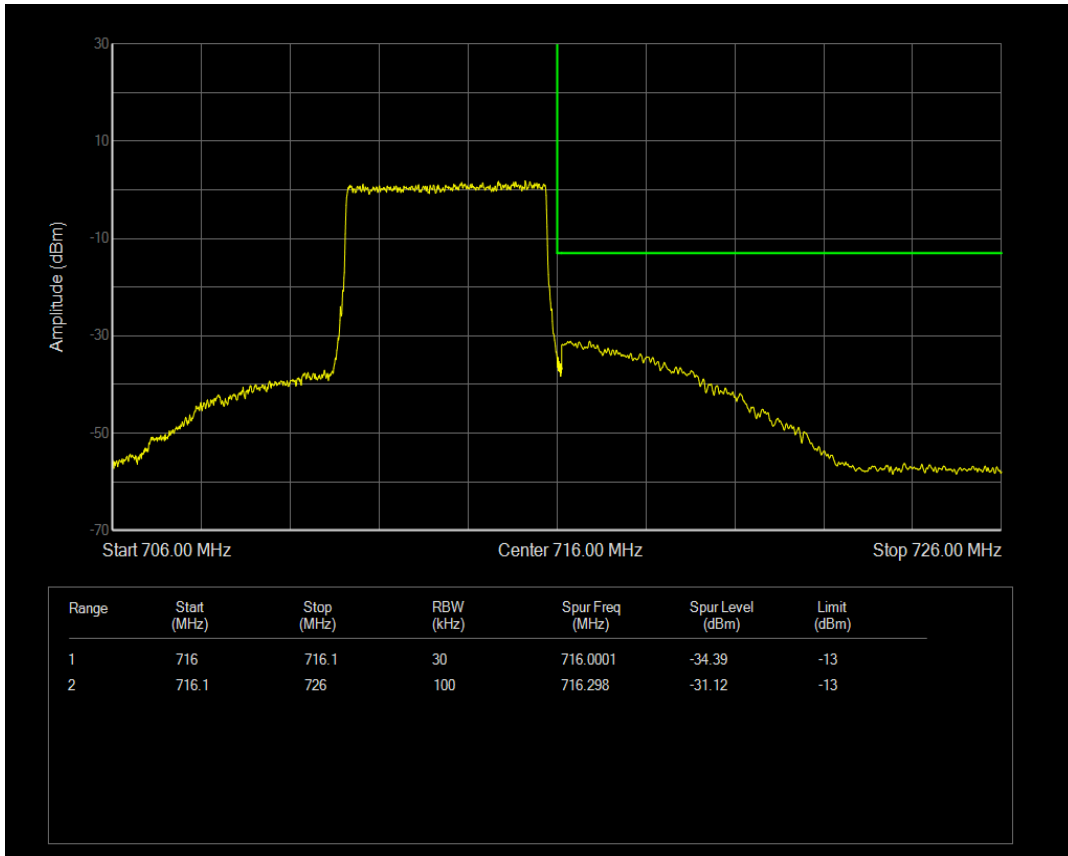


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

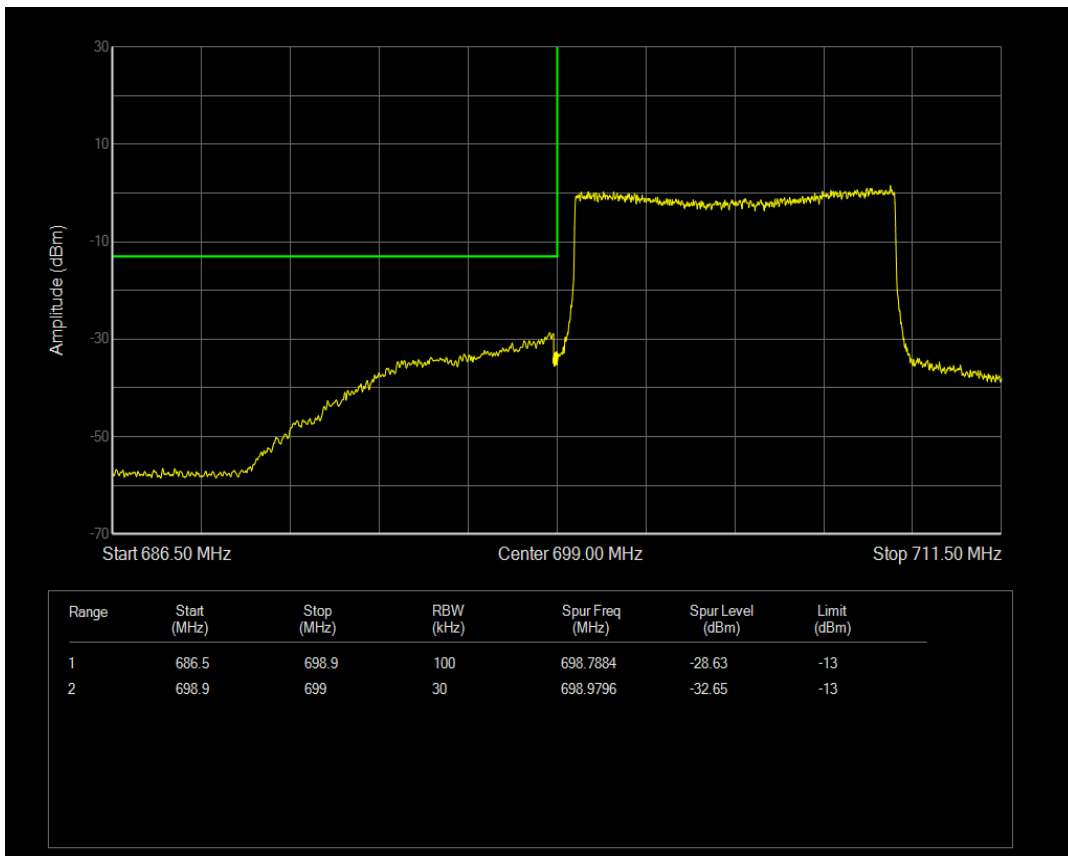




Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0

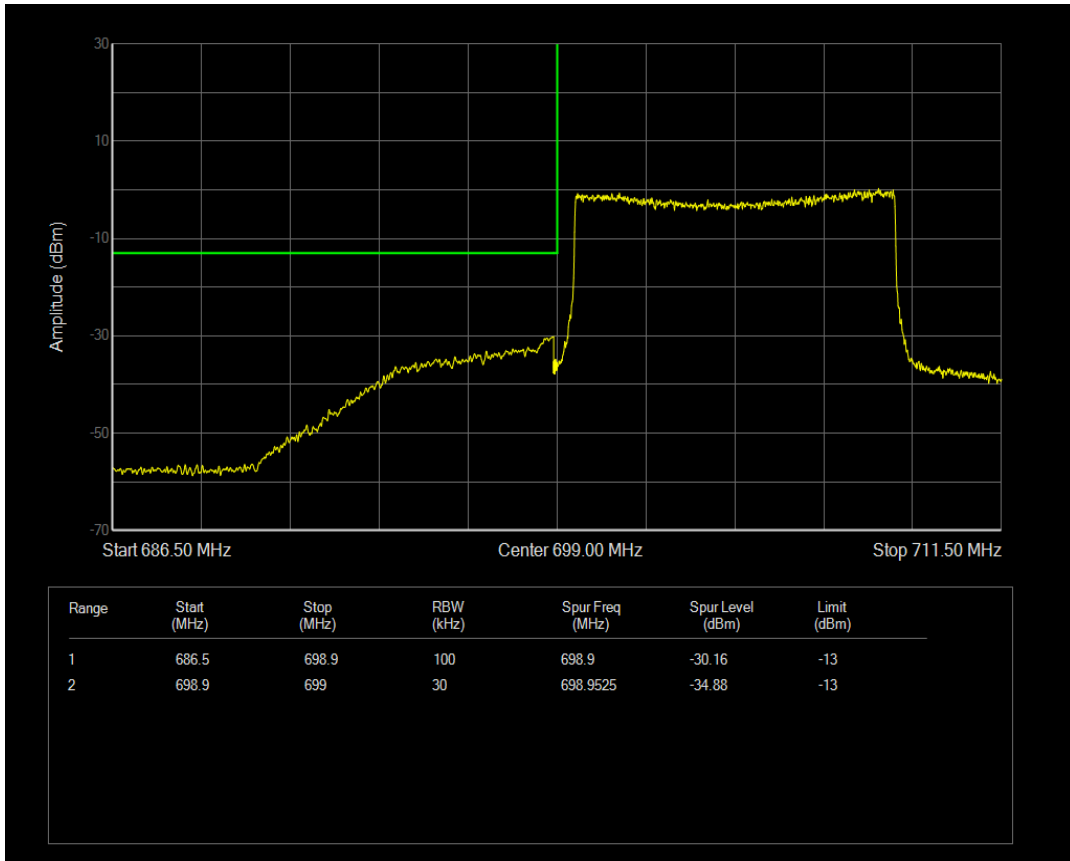


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

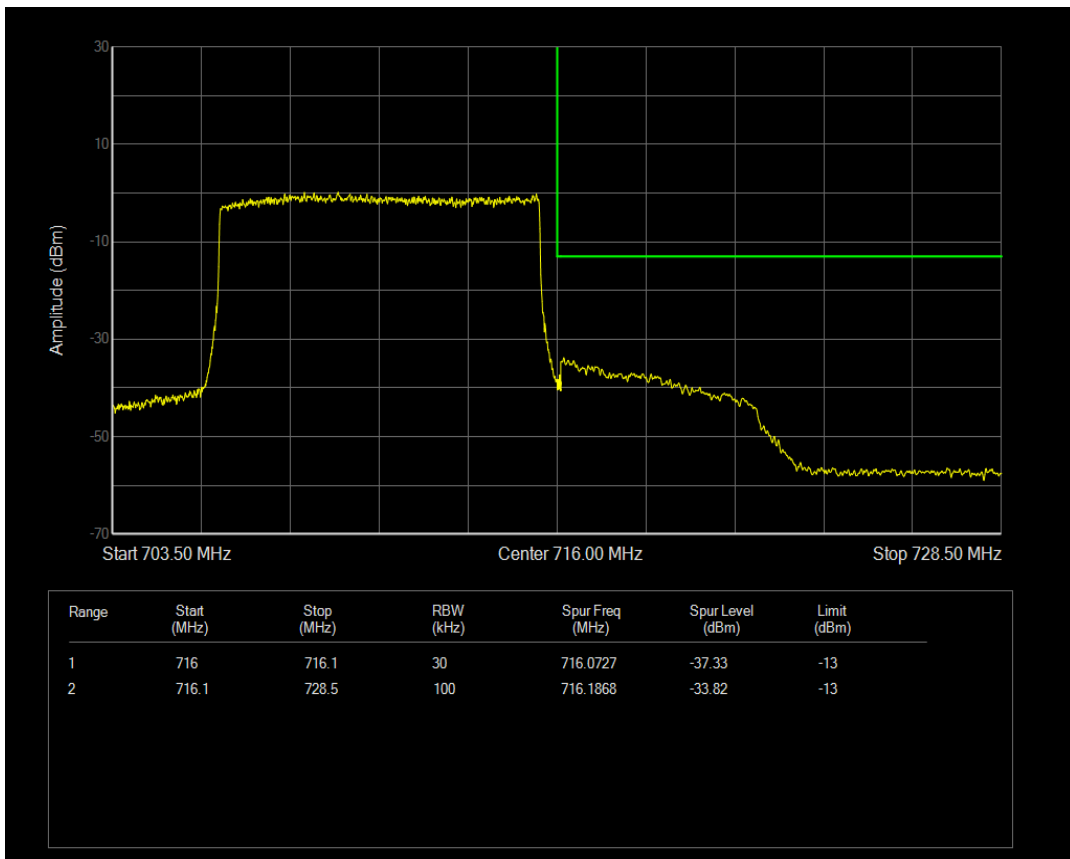




Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0

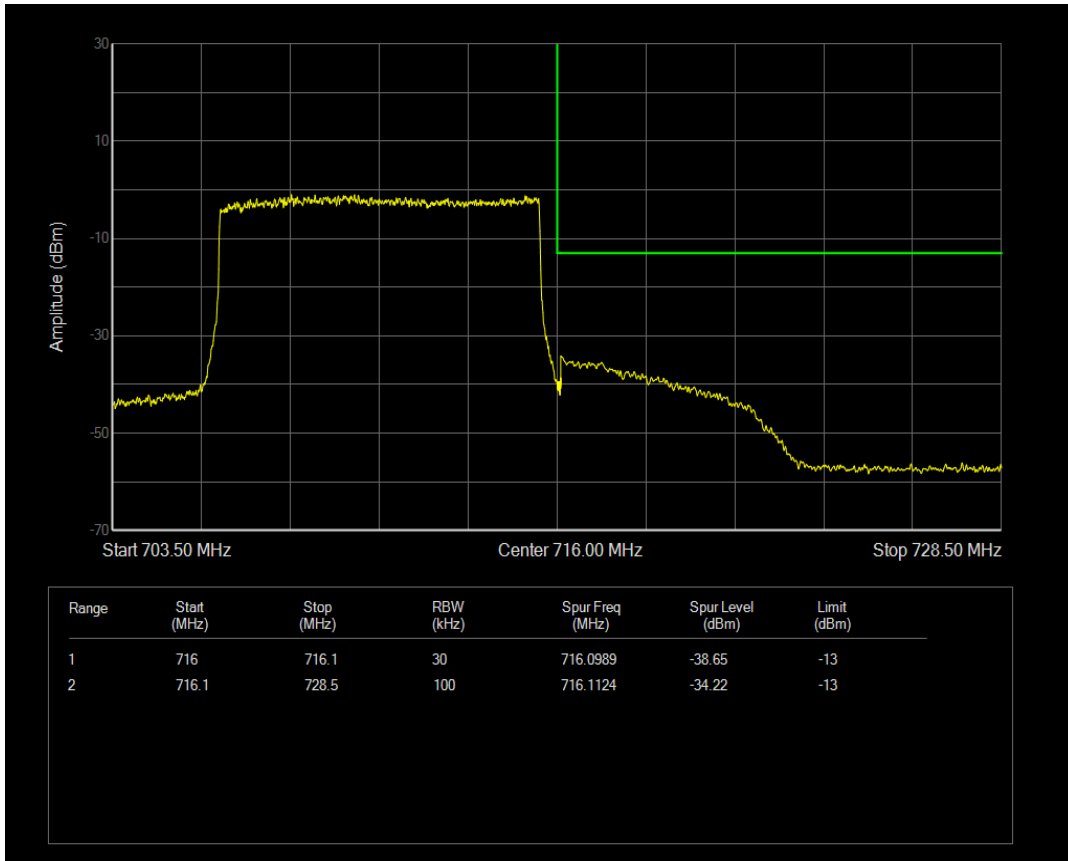


Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0





Band12 QAM16 BW=10MHz Channel=23130 RB Size=50 Position=#0

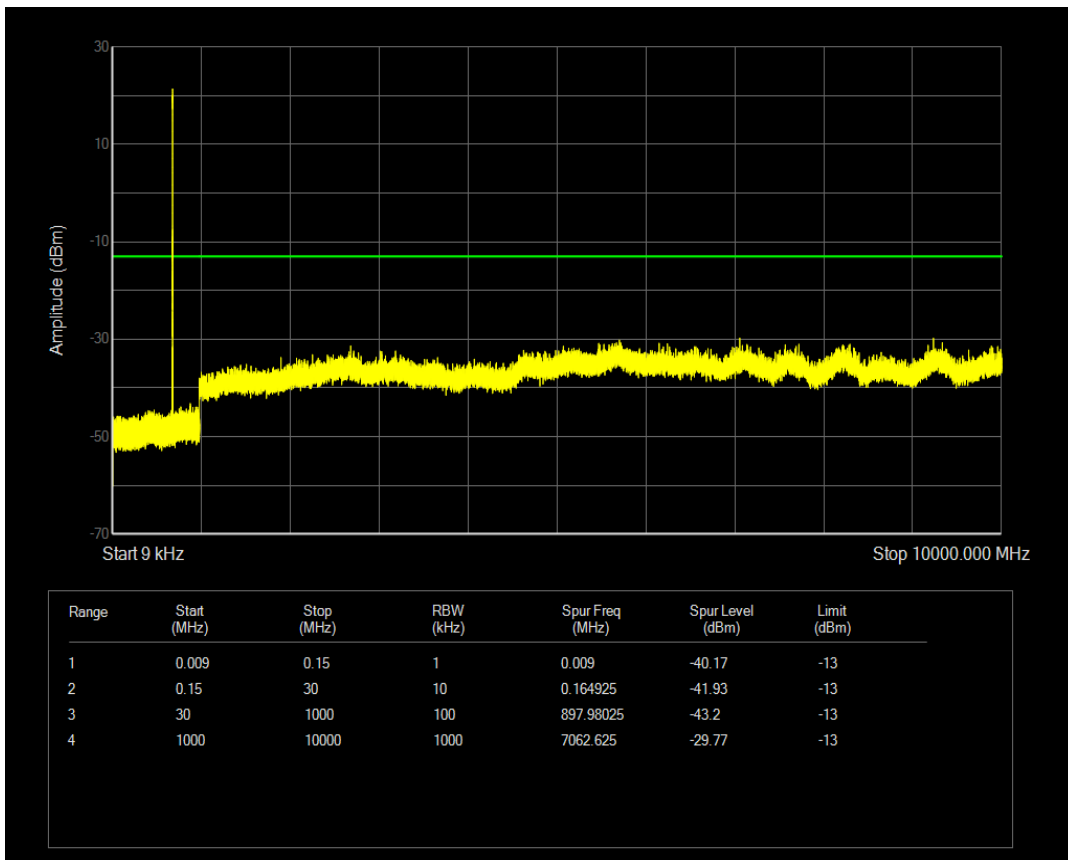


Appendix 6. Out-of-band emissions

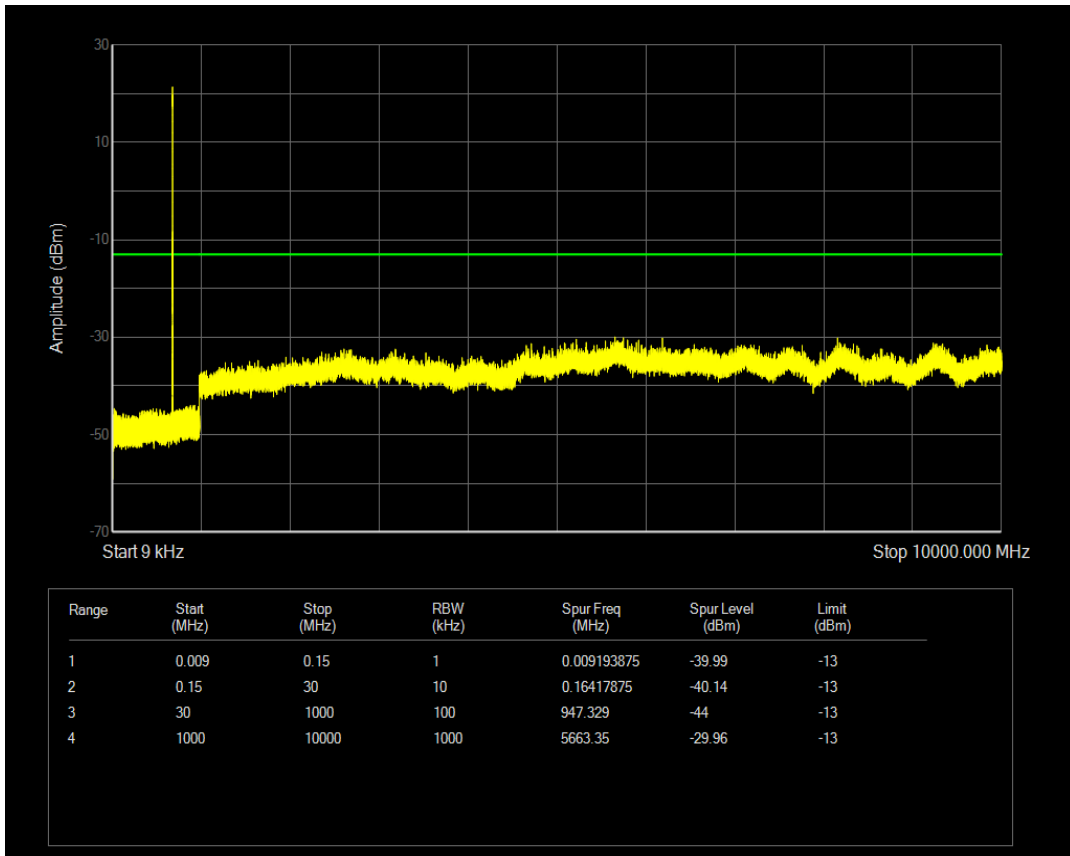
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	7062.63	-29.77	-13	PASS
Band12	1.4	23017	6	#0	QAM16	5663.35	-29.96	-13	PASS
Band12	1.4	23095	6	#0	QPSK	9226.68	-29.97	-13	PASS
Band12	1.4	23095	6	#0	QAM16	5693.50	-30.39	-13	PASS
Band12	1.4	23173	6	#0	QPSK	5646.25	-27.97	-13	PASS
Band12	1.4	23173	6	#0	QAM16	8229.93	-30.39	-13	PASS
Band12	3	23025	15	#0	QPSK	5730.18	-30.21	-13	PASS
Band12	3	23025	15	#0	QAM16	5642.20	-29.49	-13	PASS
Band12	3	23095	15	#0	QPSK	5629.38	-30.47	-13	PASS
Band12	3	23095	15	#0	QAM16	5688.55	-29.63	-13	PASS
Band12	3	23165	15	#0	QPSK	5683.83	-30.46	-13	PASS
Band12	3	23165	15	#0	QAM16	5688.55	-29.13	-13	PASS
Band12	5	23035	25	#0	QPSK	5772.93	-30.02	-13	PASS
Band12	5	23035	25	#0	QAM16	5533.30	-29.43	-13	PASS
Band12	5	23095	25	#0	QPSK	5692.38	-30.10	-13	PASS
Band12	5	23095	25	#0	QAM16	5689.45	-28.94	-13	PASS

Band12	5	23155	25	#0	QPSK	5765.73	-29.62	-13	PASS
Band12	5	23155	25	#0	QAM16	5677.53	-30.12	-13	PASS
Band12	10	23060	50	#0	QPSK	5709.48	-29.13	-13	PASS
Band12	10	23060	50	#0	QAM16	8179.98	-30.07	-13	PASS
Band12	10	23095	50	#0	QPSK	5695.75	-30.43	-13	PASS
Band12	10	23095	50	#0	QAM16	8217.55	-29.92	-13	PASS
Band12	10	23130	50	#0	QPSK	5695.30	-29.86	-13	PASS
Band12	10	23130	50	#0	QAM16	5729.50	-29.50	-13	PASS

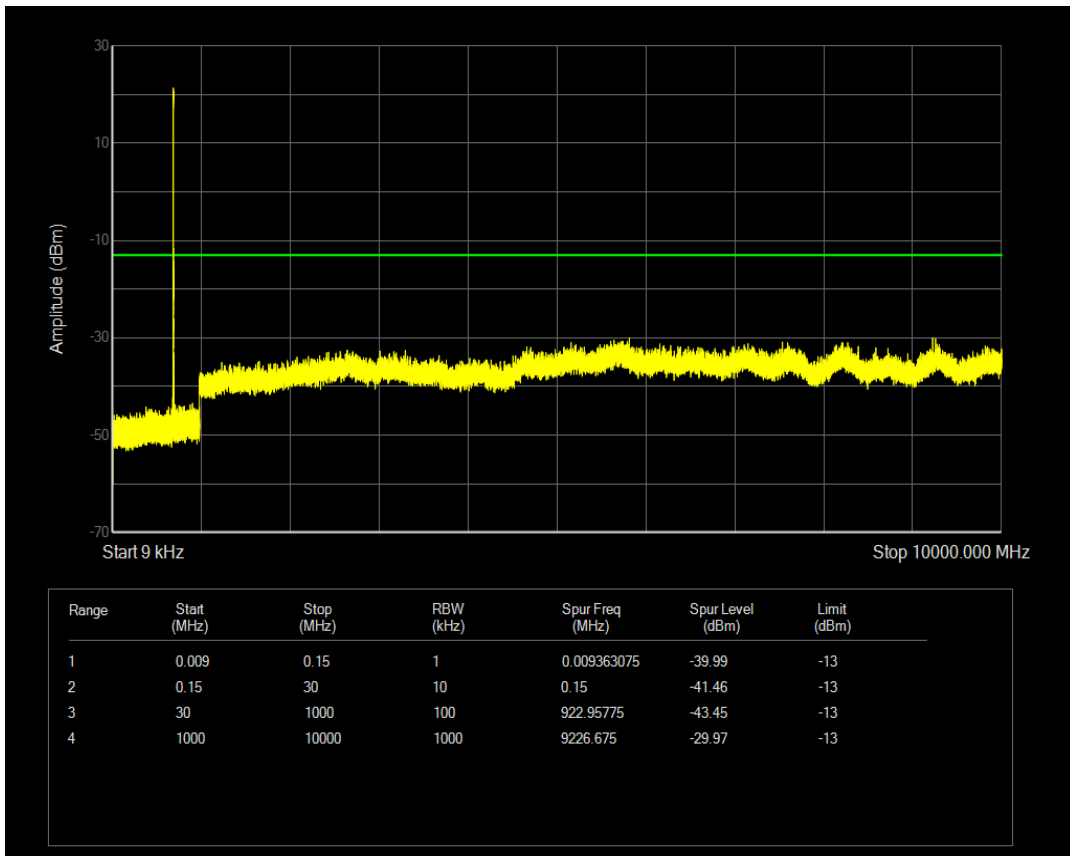
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



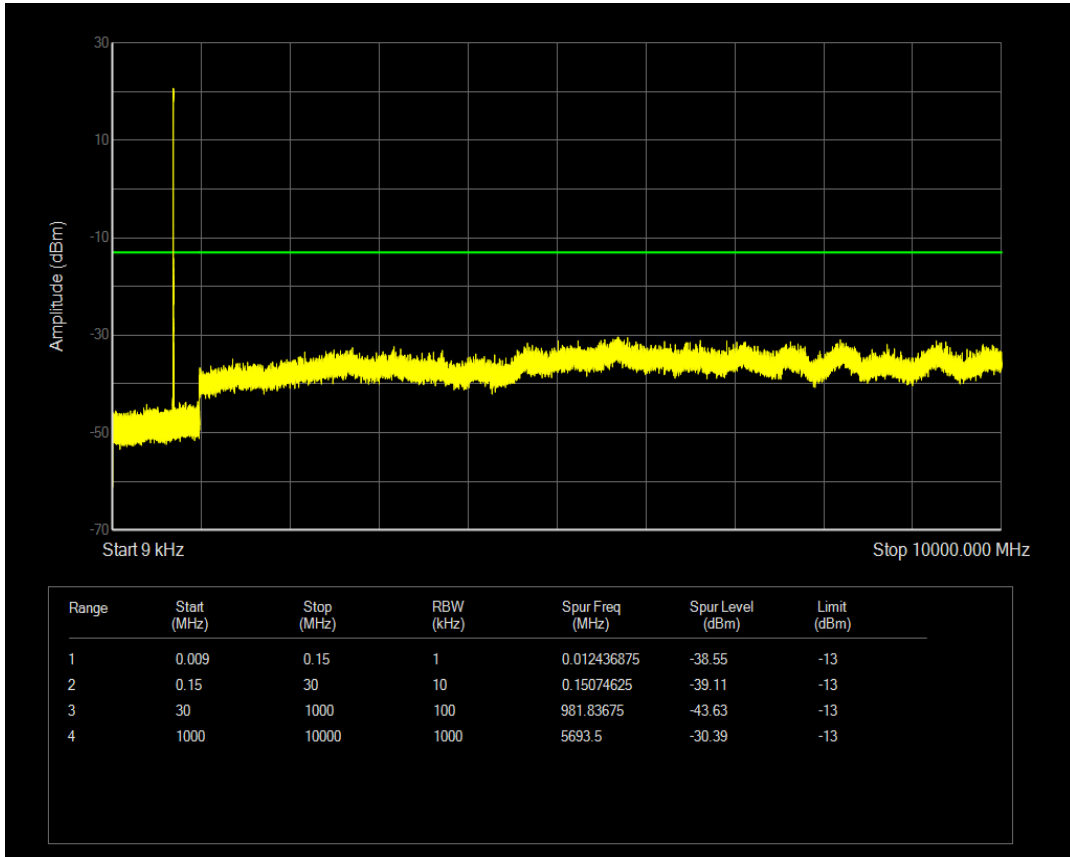
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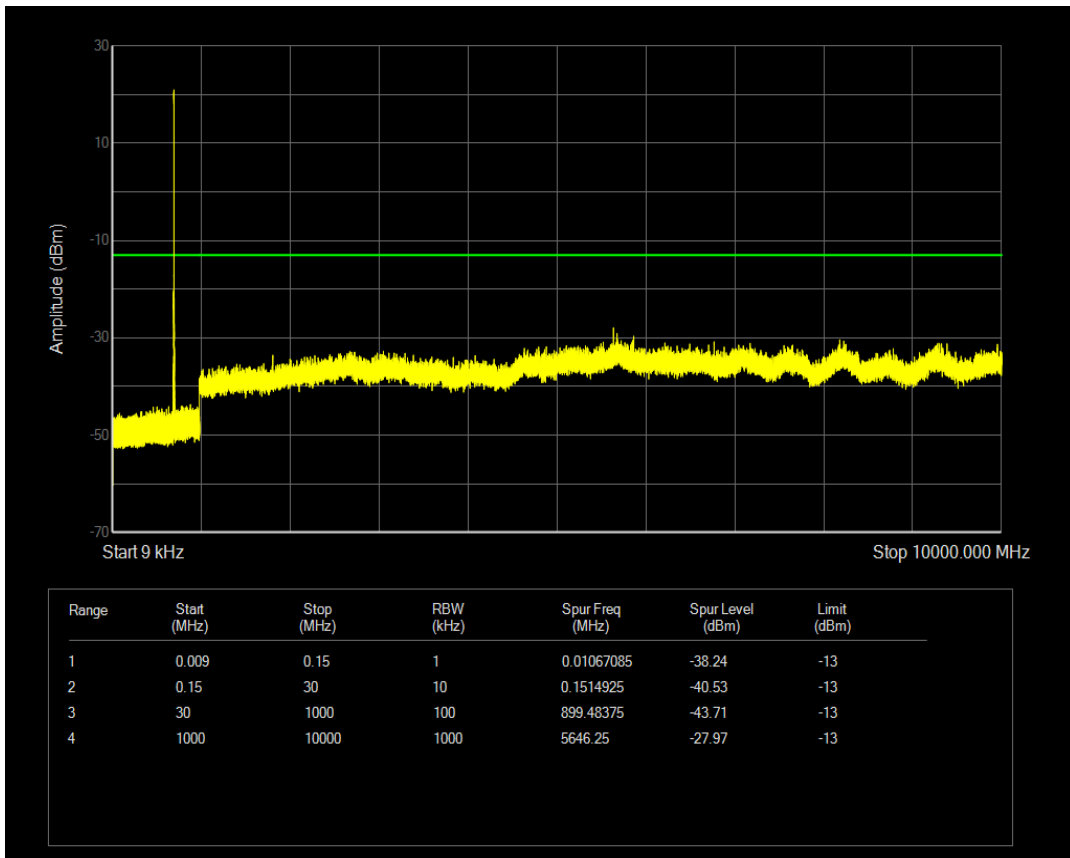
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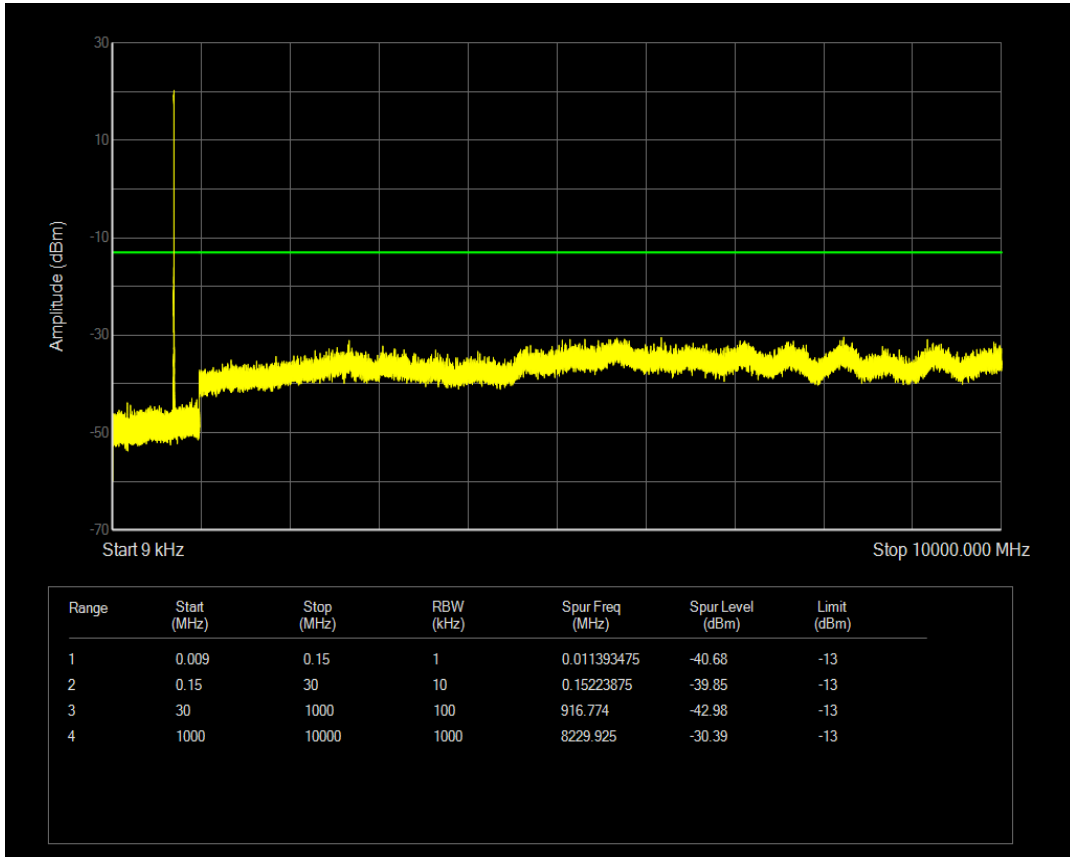
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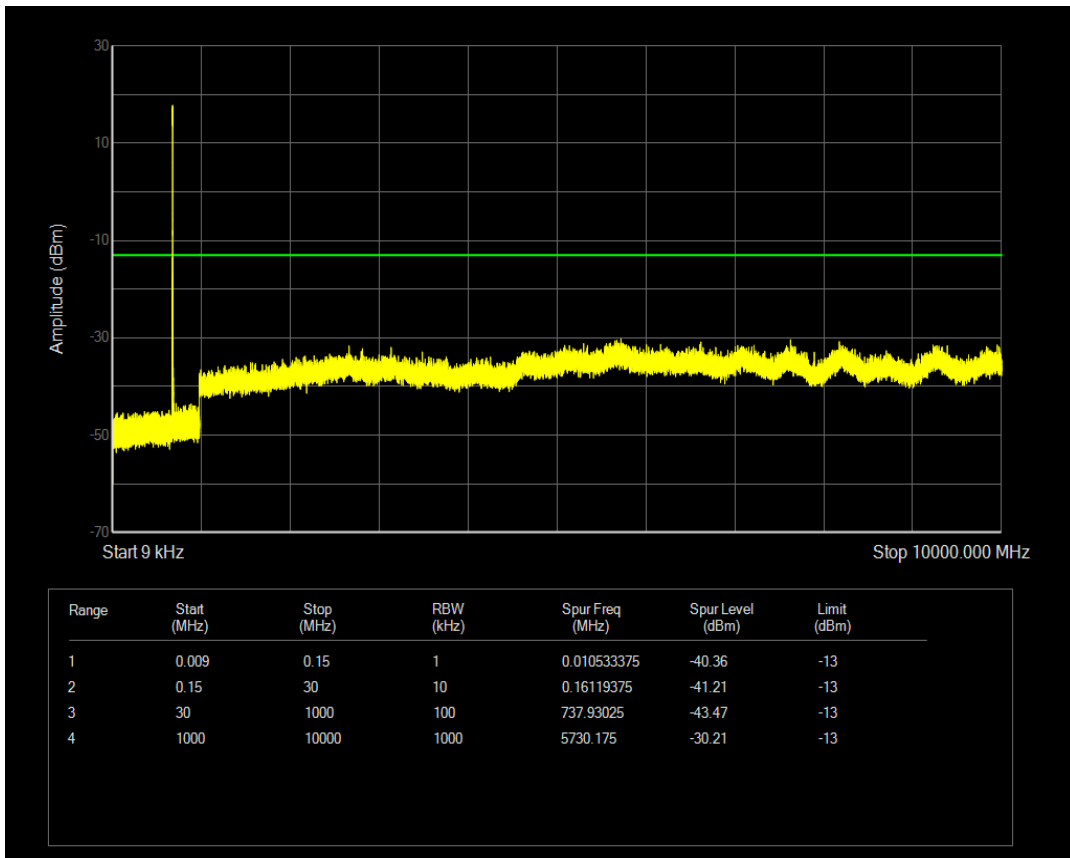
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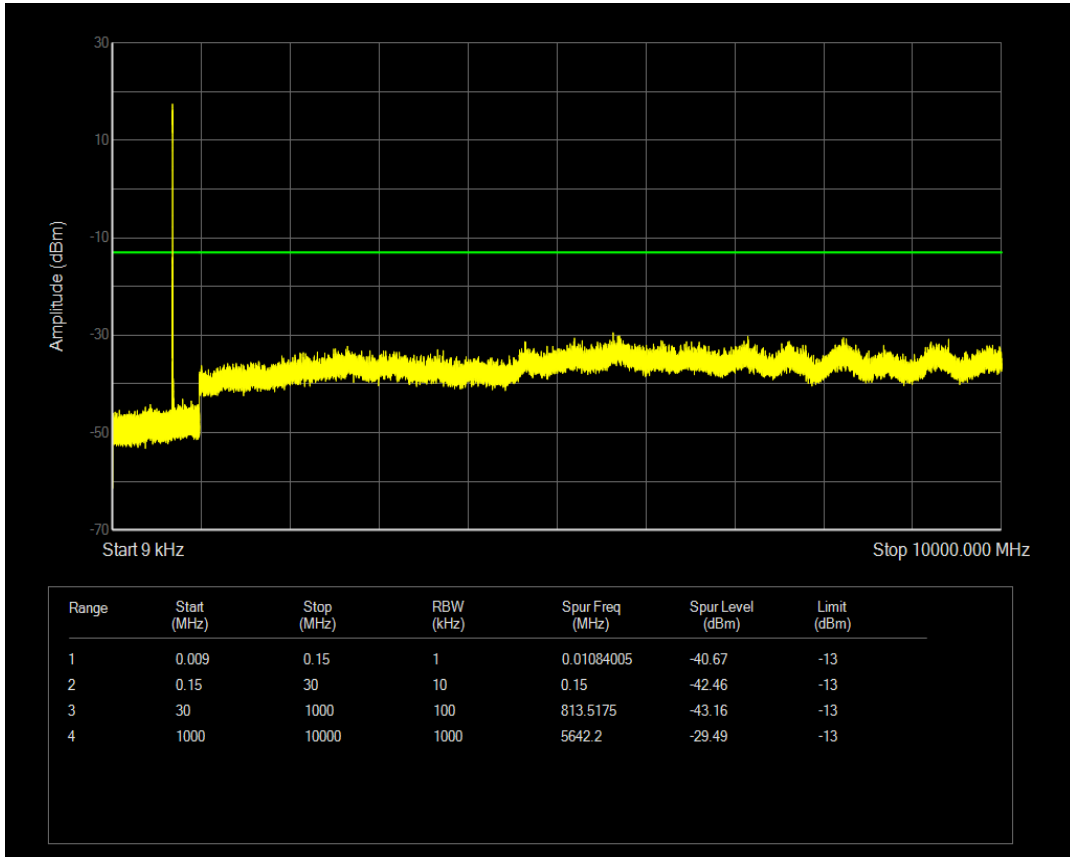
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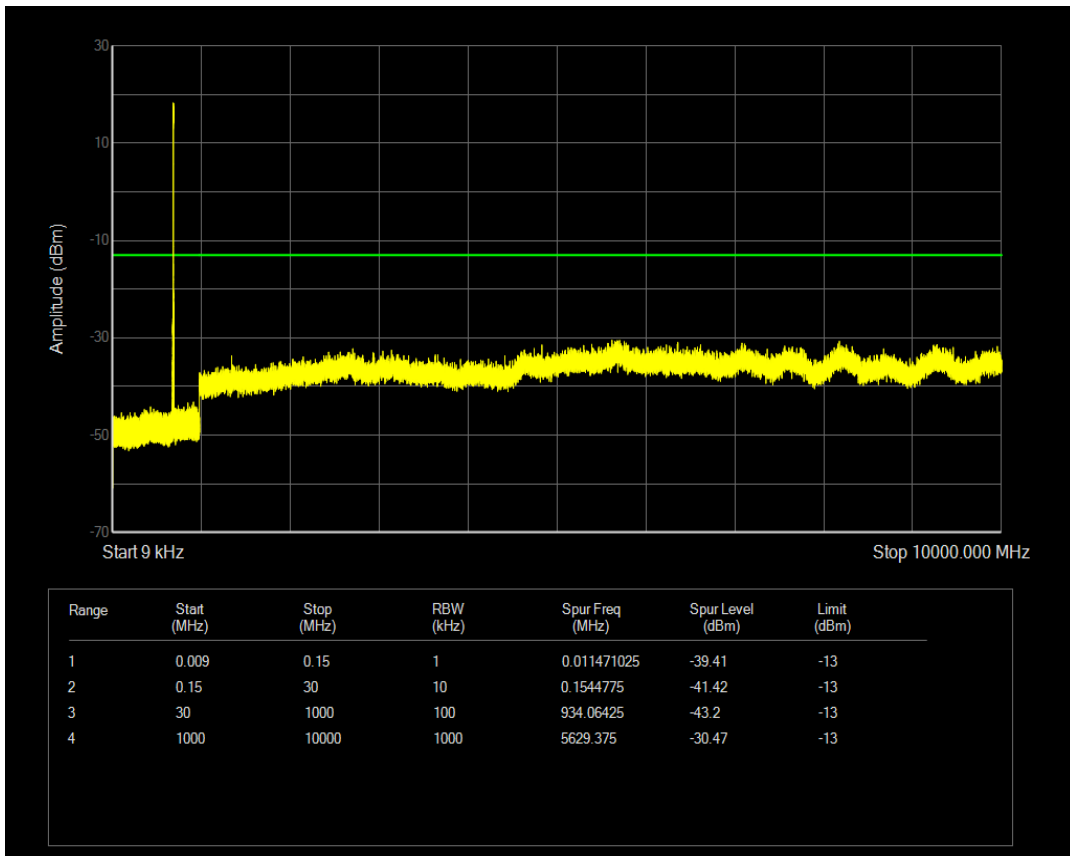
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



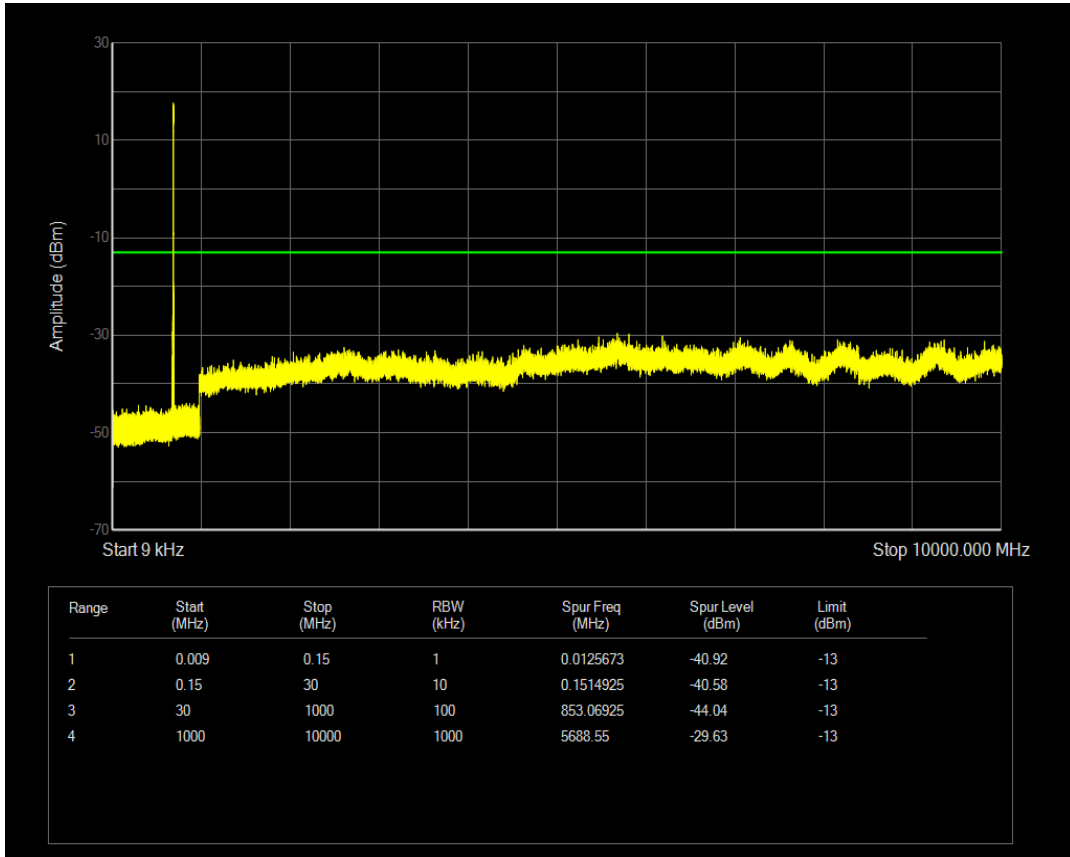
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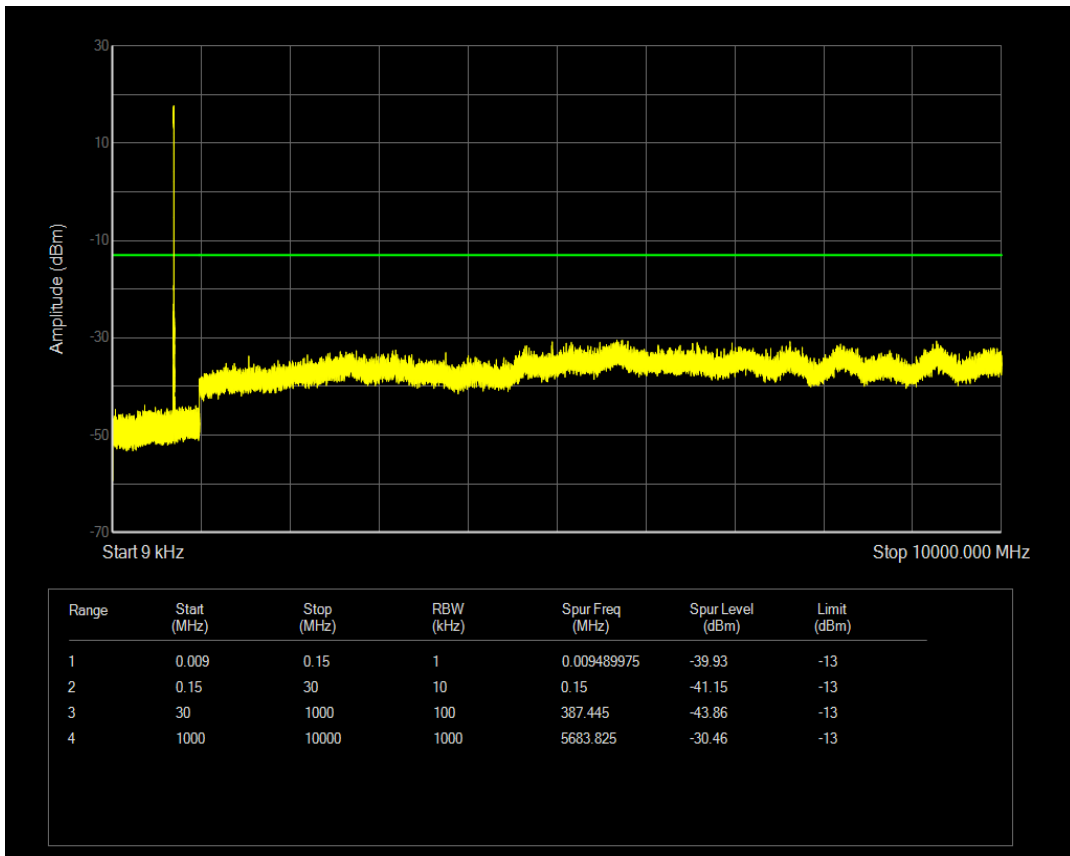
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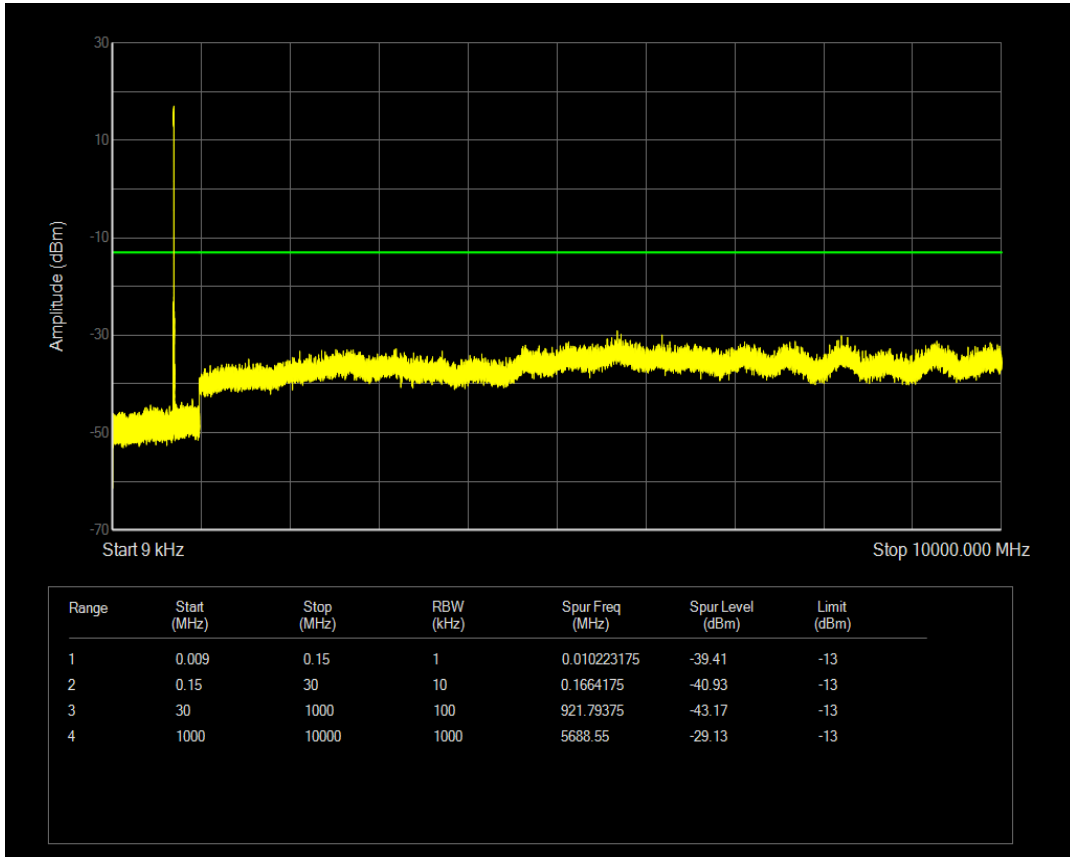
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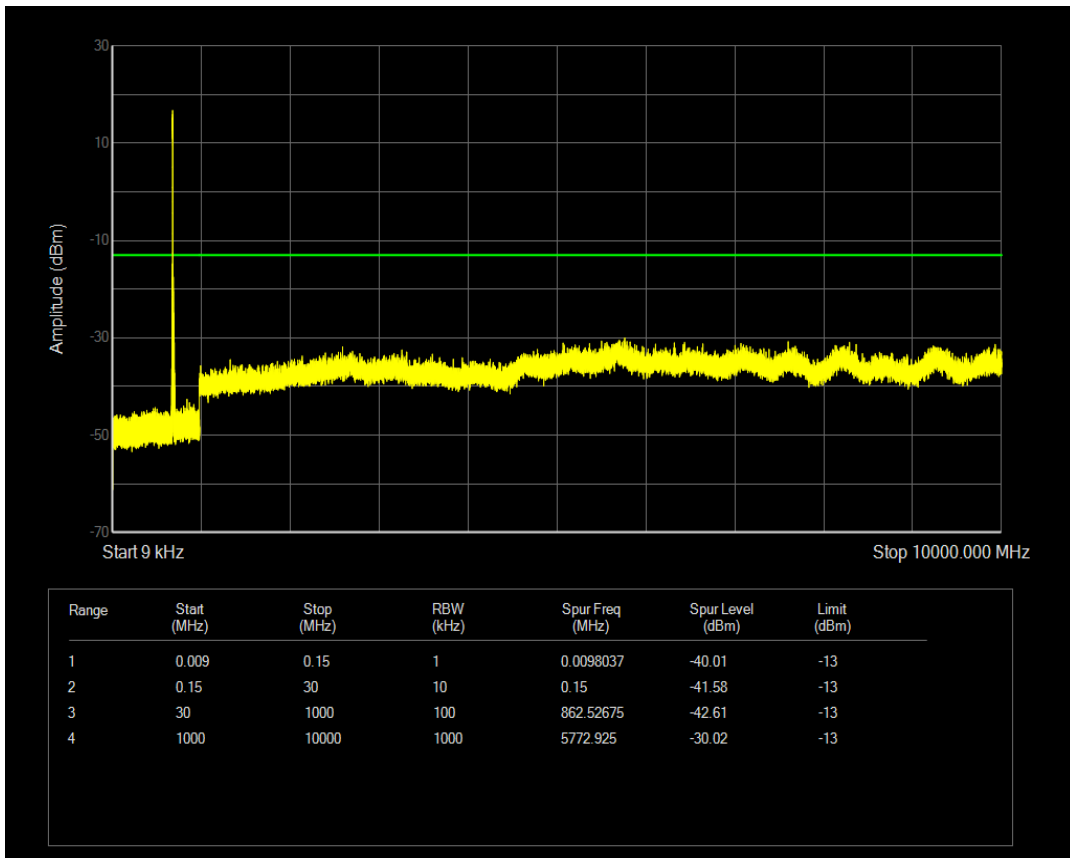
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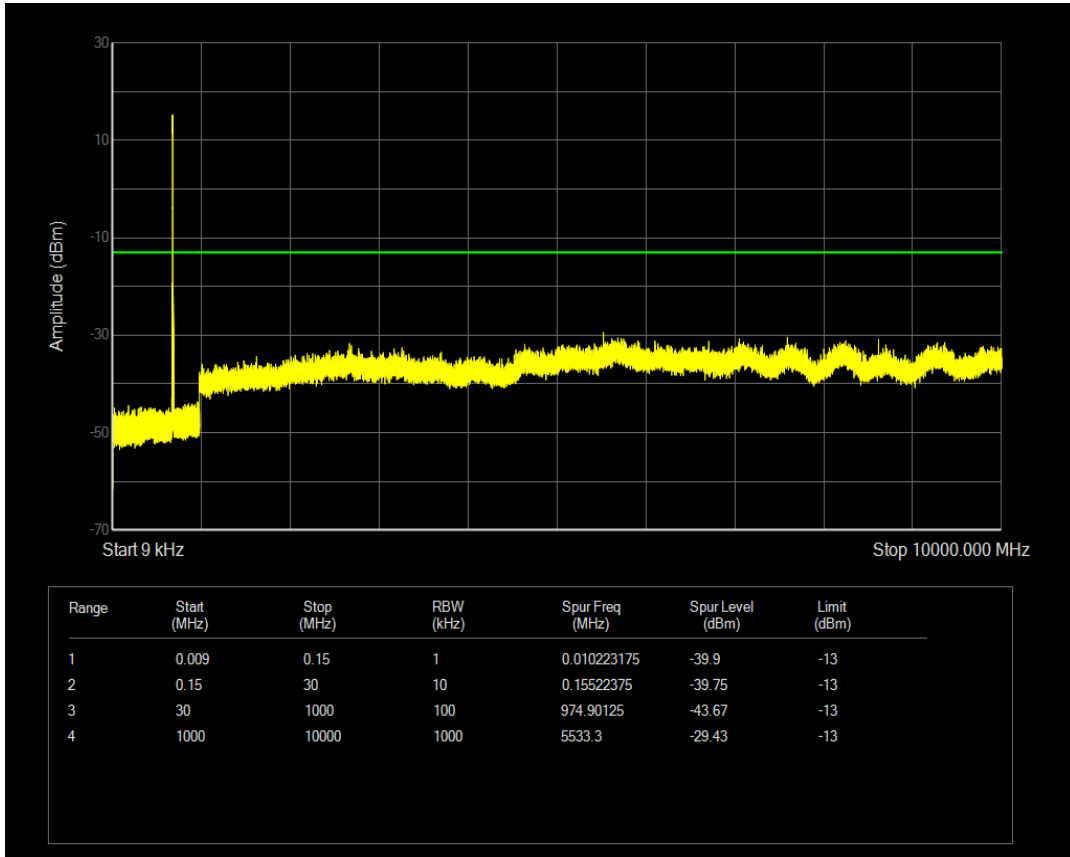
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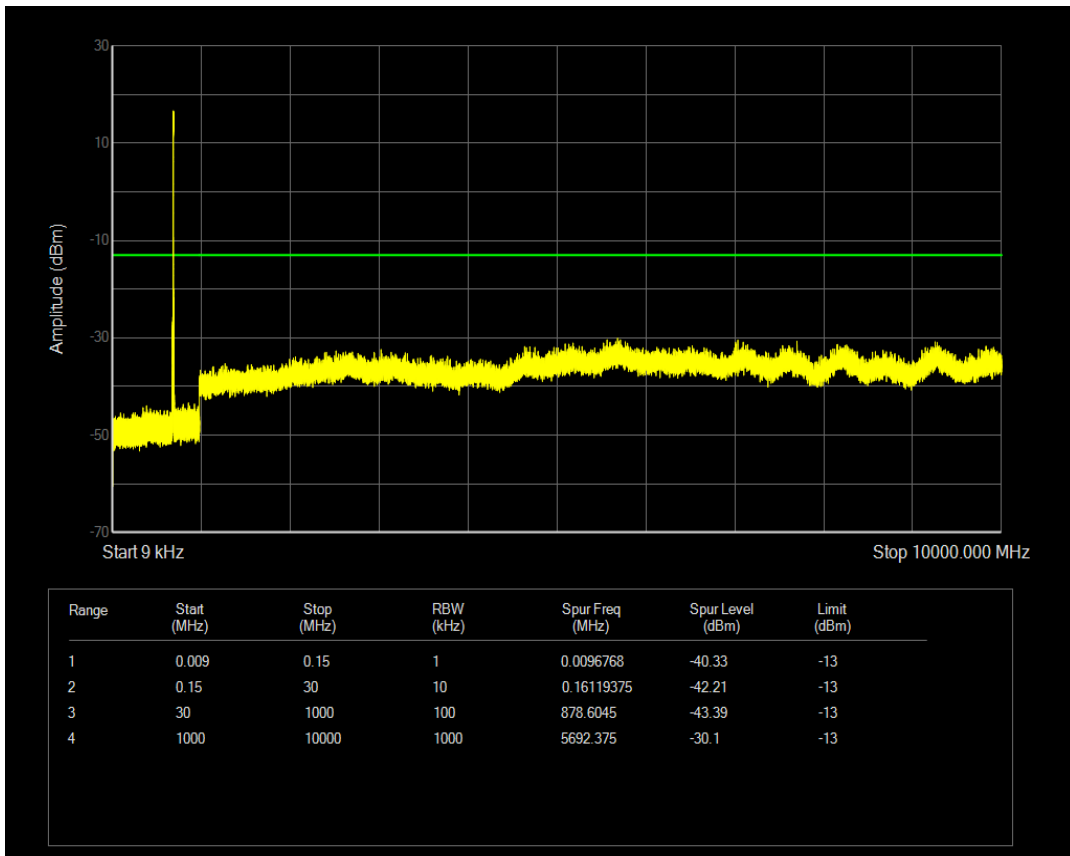
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



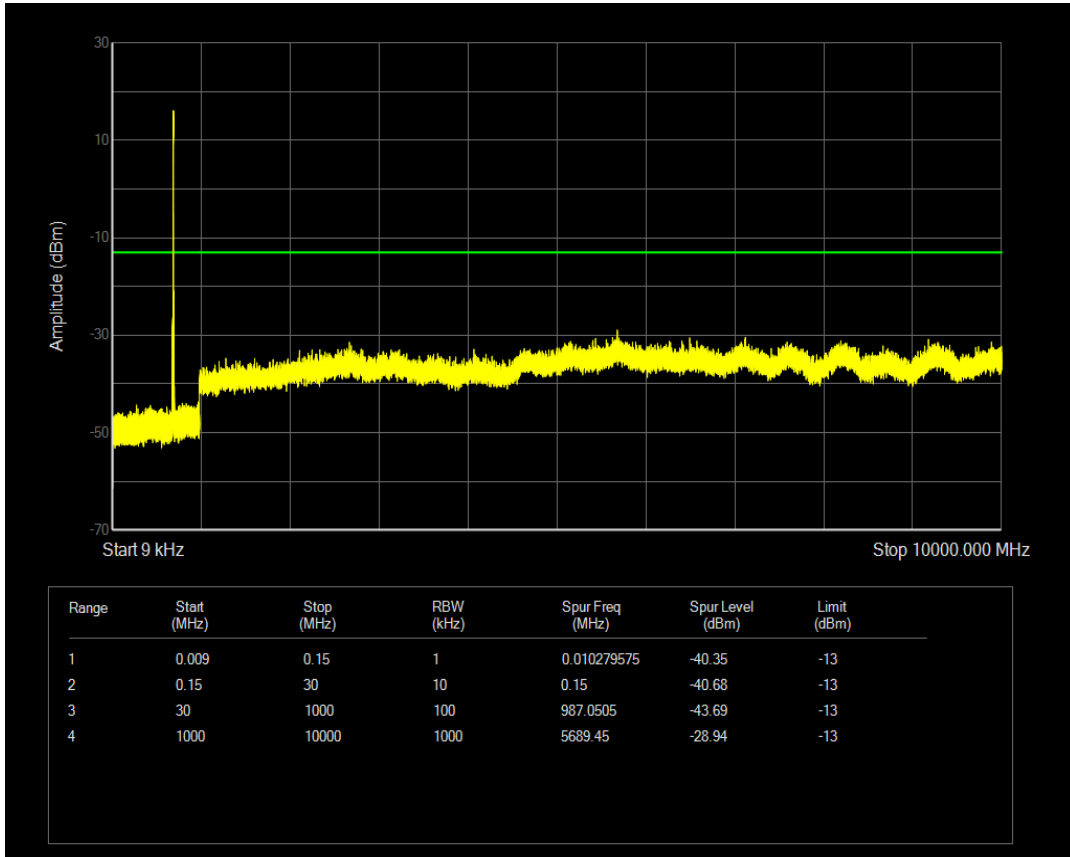
Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



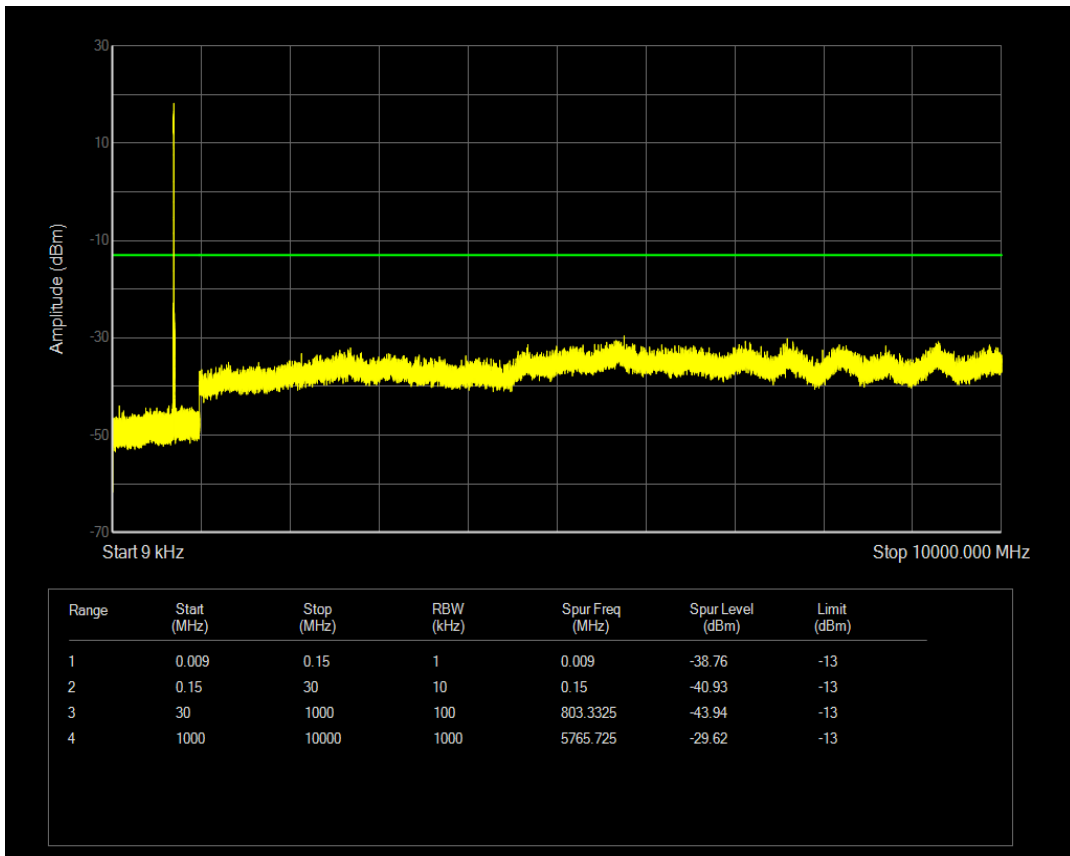
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



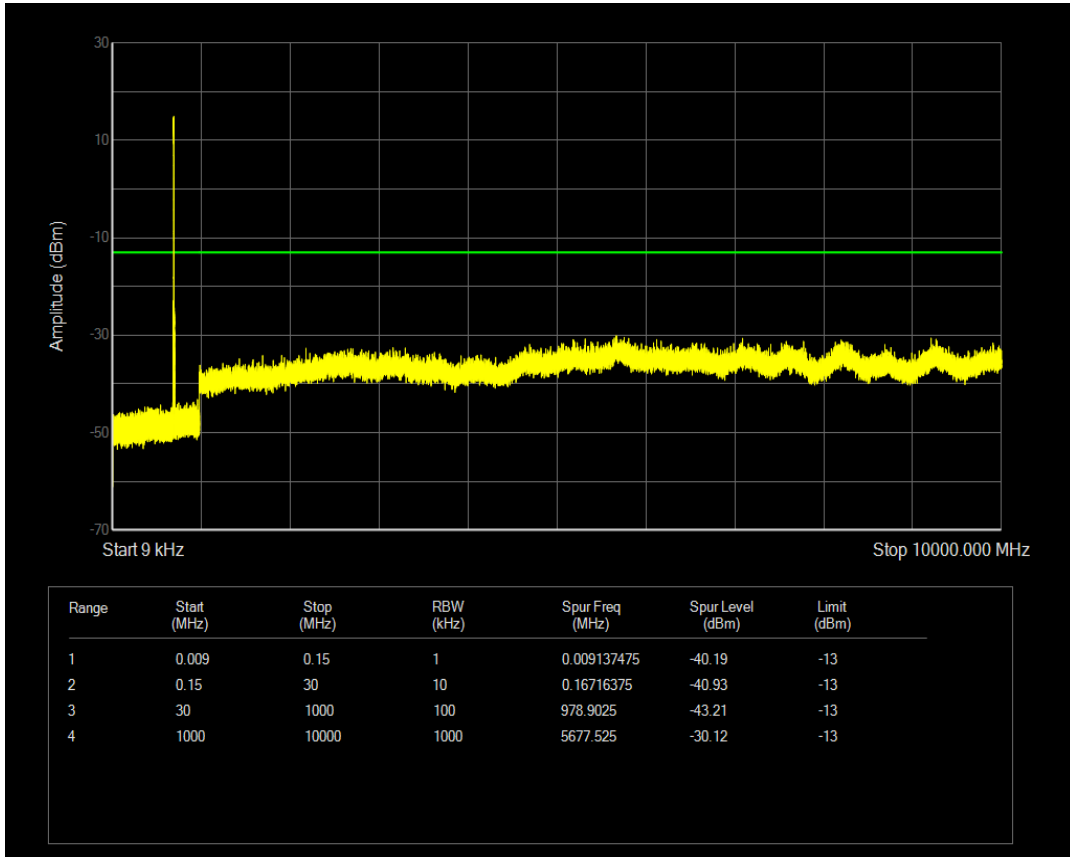
Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



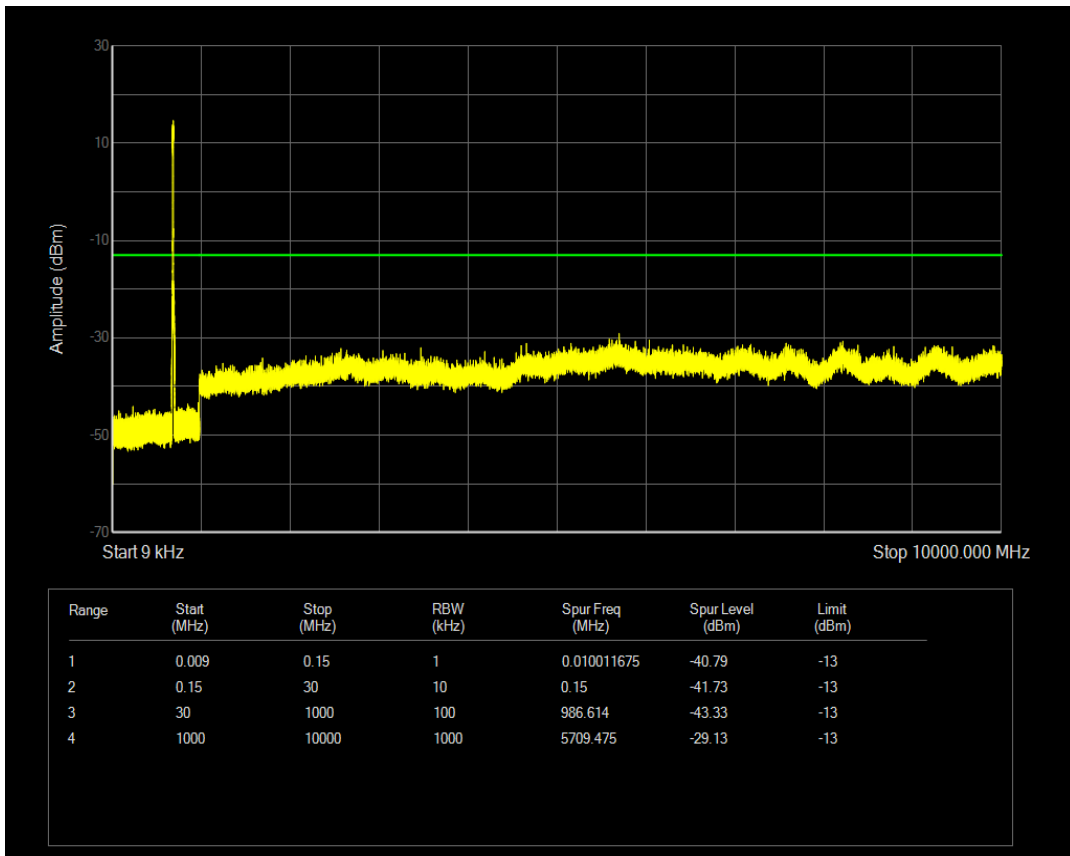
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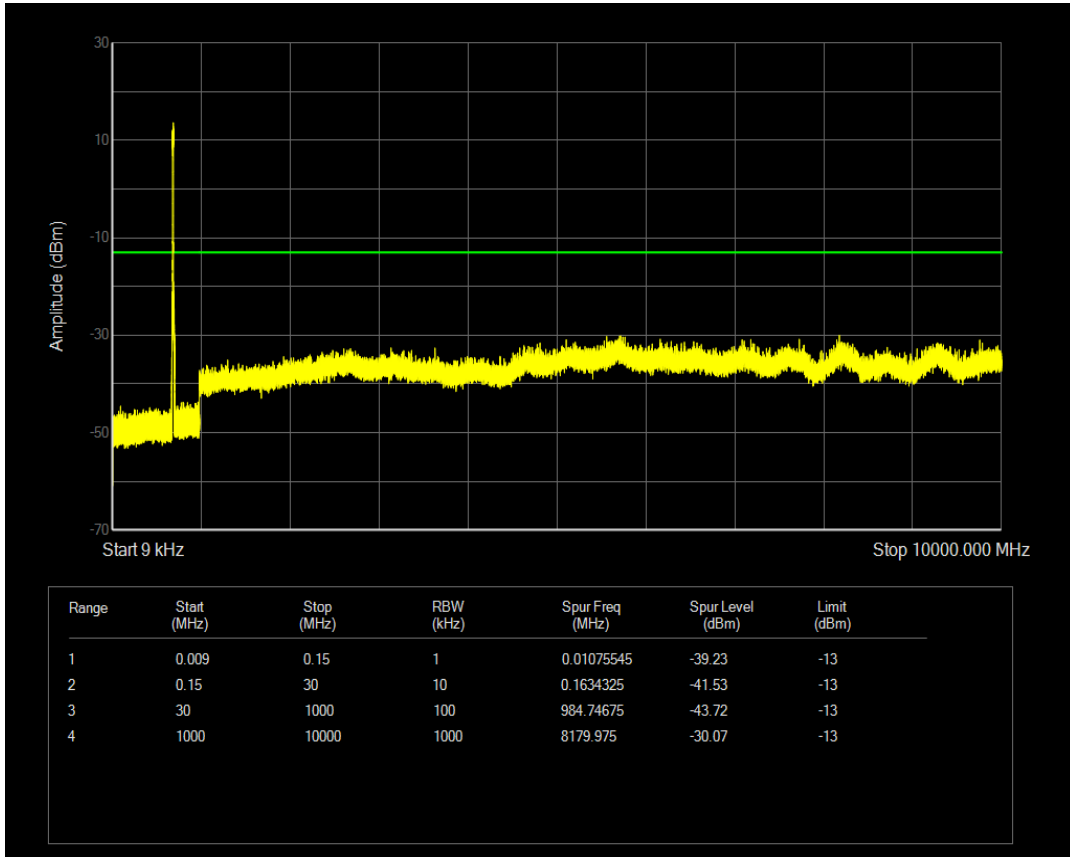
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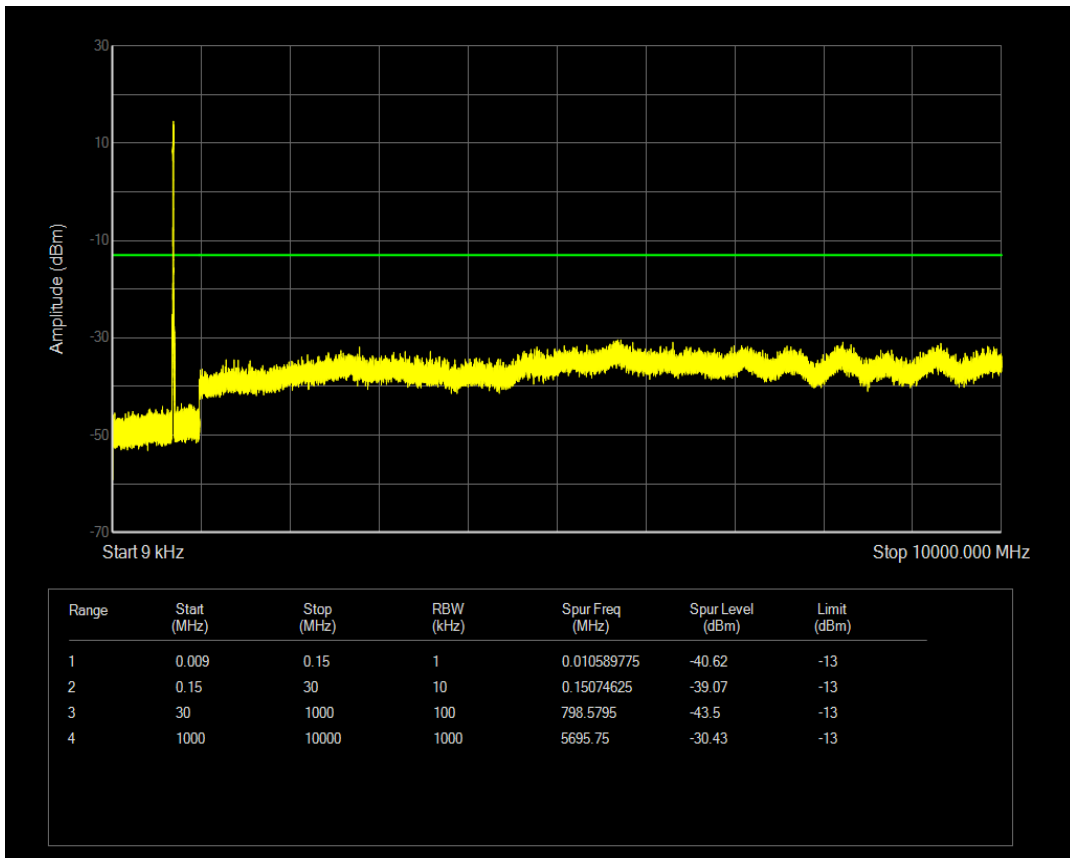
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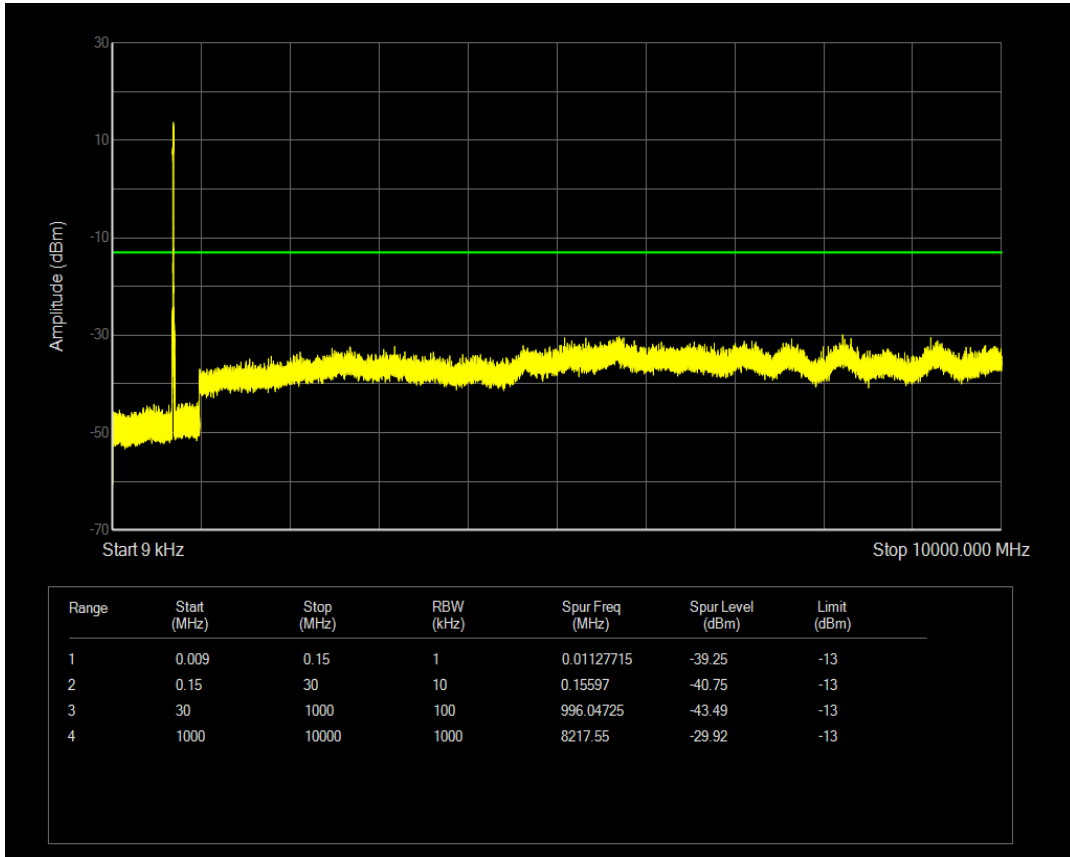
Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0



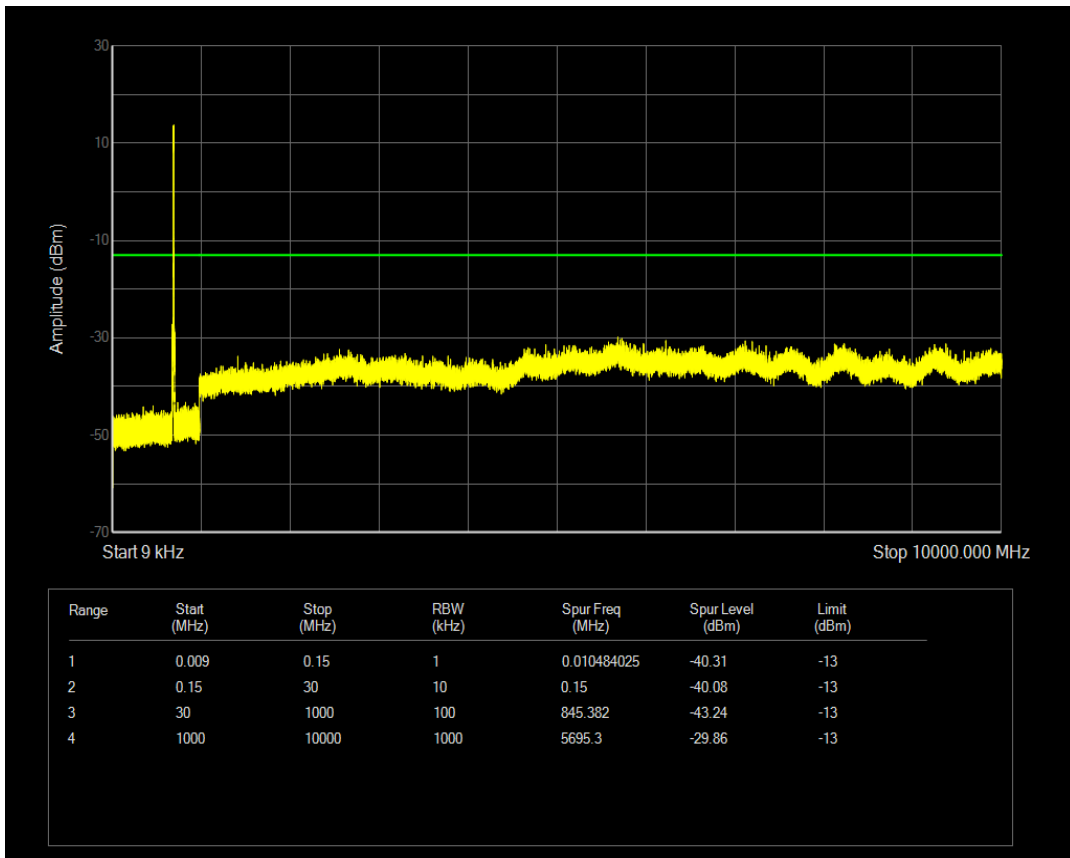
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



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



Band12 QAM16 BW=10MHz Channel=23130 RB Size=50 Position=#0

