

Appendix for Band 12

Report No.: BCTC2304811624-6E

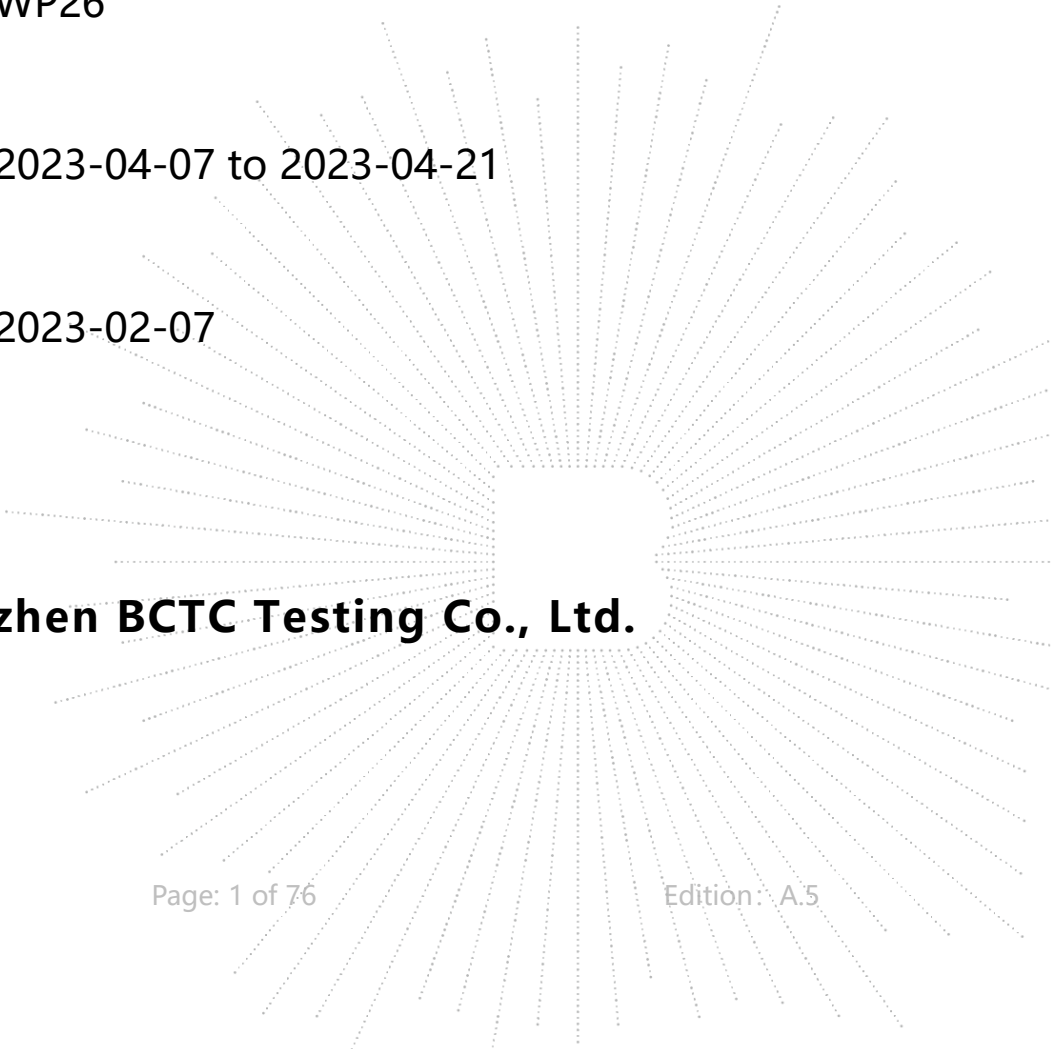
Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

Model/Type
reference: WP26

Tested Date: 2023-04-07 to 2023-04-21

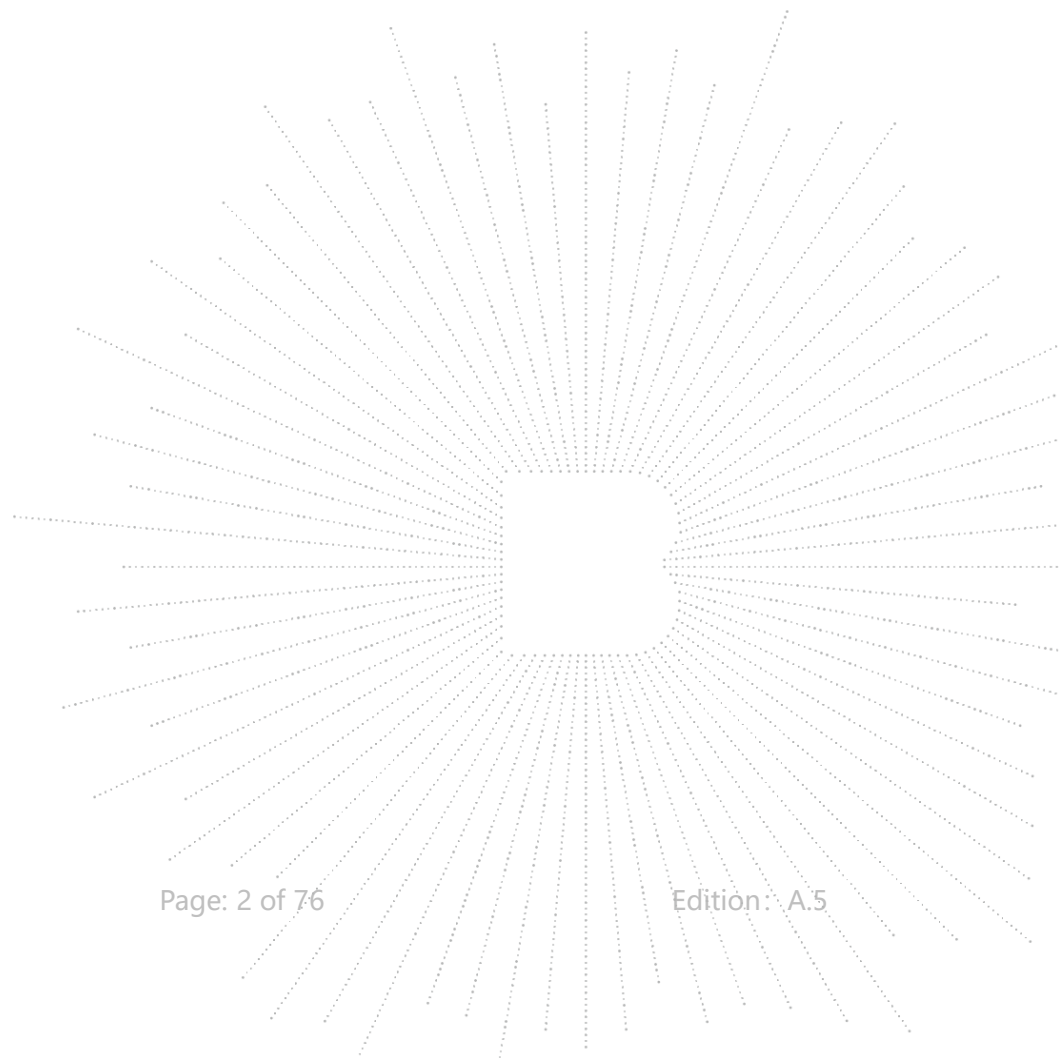
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Shenzhen BCTC Testing Co., Ltd.

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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	22.65	-0.65	19.85	PASS
Band12	1.4	23017	1	#Mid	QPSK	22.72	-0.65	19.92	PASS
Band12	1.4	23017	1	#Max	QPSK	22.68	-0.65	19.88	PASS
Band12	1.4	23017	3	#0	QPSK	22.64	-0.65	19.84	PASS
Band12	1.4	23017	3	#Mid	QPSK	22.74	-0.65	19.94	PASS
Band12	1.4	23017	3	#Max	QPSK	22.67	-0.65	19.87	PASS
Band12	1.4	23017	6	#0	QPSK	21.72	-0.65	18.92	PASS
Band12	1.4	23017	1	#0	QAM16	21.73	-0.65	18.93	PASS
Band12	1.4	23017	1	#Mid	QAM16	21.76	-0.65	18.96	PASS
Band12	1.4	23017	1	#Max	QAM16	21.73	-0.65	18.93	PASS
Band12	1.4	23017	3	#0	QAM16	21.82	-0.65	19.02	PASS
Band12	1.4	23017	3	#Mid	QAM16	21.87	-0.65	19.07	PASS
Band12	1.4	23017	3	#Max	QAM16	21.81	-0.65	19.01	PASS
Band12	1.4	23017	6	#0	QAM16	20.93	-0.65	18.13	PASS
Band12	1.4	23095	1	#0	QPSK	22.53	-0.65	19.73	PASS
Band12	1.4	23095	1	#Mid	QPSK	22.61	-0.65	19.81	PASS
Band12	1.4	23095	1	#Max	QPSK	22.54	-0.65	19.74	PASS
Band12	1.4	23095	3	#0	QPSK	22.67	-0.65	19.87	PASS
Band12	1.4	23095	3	#Mid	QPSK	22.66	-0.65	19.86	PASS
Band12	1.4	23095	3	#Max	QPSK	22.64	-0.65	19.84	PASS
Band12	1.4	23095	6	#0	QPSK	21.69	-0.65	18.89	PASS
Band12	1.4	23095	1	#0	QAM16	21.73	-0.65	18.93	PASS
Band12	1.4	23095	1	#Mid	QAM16	21.77	-0.65	18.97	PASS
Band12	1.4	23095	1	#Max	QAM16	21.77	-0.65	18.97	PASS
Band12	1.4	23095	3	#0	QAM16	21.88	-0.65	19.08	PASS
Band12	1.4	23095	3	#Mid	QAM16	21.90	-0.65	19.10	PASS
Band12	1.4	23095	3	#Max	QAM16	21.87	-0.65	19.07	PASS
Band12	1.4	23095	6	#0	QAM16	20.88	-0.65	18.08	PASS
Band12	1.4	23173	1	#0	QPSK	22.61	-0.65	19.81	PASS
Band12	1.4	23173	1	#Mid	QPSK	22.76	-0.65	19.96	PASS
Band12	1.4	23173	1	#Max	QPSK	22.66	-0.65	19.86	PASS
Band12	1.4	23173	3	#0	QPSK	22.73	-0.65	19.93	PASS
Band12	1.4	23173	3	#Mid	QPSK	22.74	-0.65	19.94	PASS
Band12	1.4	23173	3	#Max	QPSK	22.73	-0.65	19.93	PASS
Band12	1.4	23173	6	#0	QPSK	21.79	-0.65	18.99	PASS
Band12	1.4	23173	1	#0	QAM16	21.46	-0.65	18.66	PASS
Band12	1.4	23173	1	#Mid	QAM16	21.56	-0.65	18.76	PASS

Band12	1.4	23173	1	#Max	QAM16	21.52	-0.65	18.72	PASS
Band12	1.4	23173	3	#0	QAM16	21.81	-0.65	19.01	PASS
Band12	1.4	23173	3	#Mid	QAM16	21.87	-0.65	19.07	PASS
Band12	1.4	23173	3	#Max	QAM16	21.88	-0.65	19.08	PASS
Band12	1.4	23173	6	#0	QAM16	21.00	-0.65	18.20	PASS
Band12	3	23025	1	#0	QPSK	22.41	-0.65	19.61	PASS
Band12	3	23025	1	#Mid	QPSK	22.46	-0.65	19.66	PASS
Band12	3	23025	1	#Max	QPSK	22.38	-0.65	19.58	PASS
Band12	3	23025	8	#0	QPSK	21.61	-0.65	18.81	PASS
Band12	3	23025	8	#Mid	QPSK	21.72	-0.65	18.92	PASS
Band12	3	23025	8	#Max	QPSK	21.61	-0.65	18.81	PASS
Band12	3	23025	15	#0	QPSK	21.64	-0.65	18.84	PASS
Band12	3	23025	1	#0	QAM16	21.87	-0.65	19.07	PASS
Band12	3	23025	1	#Mid	QAM16	21.90	-0.65	19.10	PASS
Band12	3	23025	1	#Max	QAM16	21.83	-0.65	19.03	PASS
Band12	3	23025	8	#0	QAM16	20.66	-0.65	17.86	PASS
Band12	3	23025	8	#Mid	QAM16	20.70	-0.65	17.90	PASS
Band12	3	23025	8	#Max	QAM16	20.61	-0.65	17.81	PASS
Band12	3	23025	15	#0	QAM16	20.66	-0.65	17.86	PASS
Band12	3	23095	1	#0	QPSK	22.47	-0.65	19.67	PASS
Band12	3	23095	1	#Mid	QPSK	22.48	-0.65	19.68	PASS
Band12	3	23095	1	#Max	QPSK	22.37	-0.65	19.57	PASS
Band12	3	23095	8	#0	QPSK	21.52	-0.65	18.72	PASS
Band12	3	23095	8	#Mid	QPSK	21.70	-0.65	18.90	PASS
Band12	3	23095	8	#Max	QPSK	21.70	-0.65	18.90	PASS
Band12	3	23095	15	#0	QPSK	21.68	-0.65	18.88	PASS
Band12	3	23095	1	#0	QAM16	21.65	-0.65	18.85	PASS
Band12	3	23095	1	#Mid	QAM16	21.71	-0.65	18.91	PASS
Band12	3	23095	1	#Max	QAM16	21.58	-0.65	18.78	PASS
Band12	3	23095	8	#0	QAM16	20.60	-0.65	17.80	PASS
Band12	3	23095	8	#Mid	QAM16	20.69	-0.65	17.89	PASS
Band12	3	23095	8	#Max	QAM16	20.68	-0.65	17.88	PASS
Band12	3	23095	15	#0	QAM16	20.64	-0.65	17.84	PASS
Band12	3	23165	1	#0	QPSK	22.45	-0.65	19.65	PASS
Band12	3	23165	1	#Mid	QPSK	22.58	-0.65	19.78	PASS
Band12	3	23165	1	#Max	QPSK	22.63	-0.65	19.83	PASS
Band12	3	23165	8	#0	QPSK	21.69	-0.65	18.89	PASS
Band12	3	23165	8	#Mid	QPSK	21.72	-0.65	18.92	PASS
Band12	3	23165	8	#Max	QPSK	21.72	-0.65	18.92	PASS
Band12	3	23165	15	#0	QPSK	21.73	-0.65	18.93	PASS
Band12	3	23165	1	#0	QAM16	21.35	-0.65	18.55	PASS
Band12	3	23165	1	#Mid	QAM16	21.46	-0.65	18.66	PASS

Band12	3	23165	1	#Max	QAM16	21.42	-0.65	18.62	PASS
Band12	3	23165	8	#0	QAM16	20.69	-0.65	17.89	PASS
Band12	3	23165	8	#Mid	QAM16	20.73	-0.65	17.93	PASS
Band12	3	23165	8	#Max	QAM16	20.74	-0.65	17.94	PASS
Band12	3	23165	15	#0	QAM16	20.82	-0.65	18.02	PASS
Band12	5	23035	1	#0	QPSK	22.62	-0.65	19.82	PASS
Band12	5	23035	1	#Mid	QPSK	22.68	-0.65	19.88	PASS
Band12	5	23035	1	#Max	QPSK	22.61	-0.65	19.81	PASS
Band12	5	23035	12	#0	QPSK	21.71	-0.65	18.91	PASS
Band12	5	23035	12	#Mid	QPSK	21.75	-0.65	18.95	PASS
Band12	5	23035	12	#Max	QPSK	21.67	-0.65	18.87	PASS
Band12	5	23035	25	#0	QPSK	21.67	-0.65	18.87	PASS
Band12	5	23035	1	#0	QAM16	22.00	-0.65	19.20	PASS
Band12	5	23035	1	#Mid	QAM16	22.06	-0.65	19.26	PASS
Band12	5	23035	1	#Max	QAM16	22.06	-0.65	19.26	PASS
Band12	5	23035	12	#0	QAM16	20.72	-0.65	17.92	PASS
Band12	5	23035	12	#Mid	QAM16	20.80	-0.65	18.00	PASS
Band12	5	23035	12	#Max	QAM16	20.64	-0.65	17.84	PASS
Band12	5	23035	25	#0	QAM16	20.69	-0.65	17.89	PASS
Band12	5	23095	1	#0	QPSK	22.67	-0.65	19.87	PASS
Band12	5	23095	1	#Mid	QPSK	22.72	-0.65	19.92	PASS
Band12	5	23095	1	#Max	QPSK	22.70	-0.65	19.90	PASS
Band12	5	23095	12	#0	QPSK	21.64	-0.65	18.84	PASS
Band12	5	23095	12	#Mid	QPSK	21.78	-0.65	18.98	PASS
Band12	5	23095	12	#Max	QPSK	21.84	-0.65	19.04	PASS
Band12	5	23095	25	#0	QPSK	21.77	-0.65	18.97	PASS
Band12	5	23095	1	#0	QAM16	22.23	-0.65	19.43	PASS
Band12	5	23095	1	#Mid	QAM16	22.33	-0.65	19.53	PASS
Band12	5	23095	1	#Max	QAM16	22.25	-0.65	19.45	PASS
Band12	5	23095	12	#0	QAM16	20.66	-0.65	17.86	PASS
Band12	5	23095	12	#Mid	QAM16	20.77	-0.65	17.97	PASS
Band12	5	23095	12	#Max	QAM16	20.84	-0.65	18.04	PASS
Band12	5	23095	25	#0	QAM16	20.75	-0.65	17.95	PASS
Band12	5	23155	1	#0	QPSK	22.66	-0.65	19.86	PASS
Band12	5	23155	1	#Mid	QPSK	22.75	-0.65	19.95	PASS
Band12	5	23155	1	#Max	QPSK	22.78	-0.65	19.98	PASS
Band12	5	23155	12	#0	QPSK	21.82	-0.65	19.02	PASS
Band12	5	23155	12	#Mid	QPSK	21.81	-0.65	19.01	PASS
Band12	5	23155	12	#Max	QPSK	21.77	-0.65	18.97	PASS
Band12	5	23155	25	#0	QPSK	21.82	-0.65	19.02	PASS
Band12	5	23155	1	#0	QAM16	21.96	-0.65	19.16	PASS
Band12	5	23155	1	#Mid	QAM16	22.12	-0.65	19.32	PASS

Band12	5	23155	1	#Max	QAM16	22.10	-0.65	19.30	PASS
Band12	5	23155	12	#0	QAM16	20.77	-0.65	17.97	PASS
Band12	5	23155	12	#Mid	QAM16	20.75	-0.65	17.95	PASS
Band12	5	23155	12	#Max	QAM16	20.70	-0.65	17.90	PASS
Band12	5	23155	25	#0	QAM16	20.91	-0.65	18.11	PASS
Band12	10	23060	1	#0	QPSK	22.77	-0.65	19.97	PASS
Band12	10	23060	1	#Mid	QPSK	22.82	-0.65	20.02	PASS
Band12	10	23060	1	#Max	QPSK	22.79	-0.65	19.99	PASS
Band12	10	23060	25	#0	QPSK	21.83	-0.65	19.03	PASS
Band12	10	23060	25	#Mid	QPSK	21.79	-0.65	18.99	PASS
Band12	10	23060	25	#Max	QPSK	21.86	-0.65	19.06	PASS
Band12	10	23060	50	#0	QPSK	21.87	-0.65	19.07	PASS
Band12	10	23060	1	#0	QAM16	21.97	-0.65	19.17	PASS
Band12	10	23060	1	#Mid	QAM16	21.98	-0.65	19.18	PASS
Band12	10	23060	1	#Max	QAM16	21.94	-0.65	19.14	PASS
Band12	10	23060	25	#0	QAM16	20.84	-0.65	18.04	PASS
Band12	10	23060	25	#Mid	QAM16	20.88	-0.65	18.08	PASS
Band12	10	23060	25	#Max	QAM16	20.82	-0.65	18.02	PASS
Band12	10	23060	50	#0	QAM16	20.92	-0.65	18.12	PASS
Band12	10	23095	1	#0	QPSK	22.80	-0.65	20.00	PASS
Band12	10	23095	1	#Mid	QPSK	22.85	-0.65	20.05	PASS
Band12	10	23095	1	#Max	QPSK	22.86	-0.65	20.06	PASS
Band12	10	23095	25	#0	QPSK	21.67	-0.65	18.87	PASS
Band12	10	23095	25	#Mid	QPSK	21.79	-0.65	18.99	PASS
Band12	10	23095	25	#Max	QPSK	21.87	-0.65	19.07	PASS
Band12	10	23095	50	#0	QPSK	21.87	-0.65	19.07	PASS
Band12	10	23095	1	#0	QAM16	21.67	-0.65	18.87	PASS
Band12	10	23095	1	#Mid	QAM16	21.67	-0.65	18.87	PASS
Band12	10	23095	1	#Max	QAM16	21.72	-0.65	18.92	PASS
Band12	10	23095	25	#0	QAM16	20.67	-0.65	17.87	PASS
Band12	10	23095	25	#Mid	QAM16	20.76	-0.65	17.96	PASS
Band12	10	23095	25	#Max	QAM16	20.85	-0.65	18.05	PASS
Band12	10	23095	50	#0	QAM16	20.81	-0.65	18.01	PASS
Band12	10	23130	1	#0	QPSK	22.79	-0.65	19.99	PASS
Band12	10	23130	1	#Mid	QPSK	22.76	-0.65	19.96	PASS
Band12	10	23130	1	#Max	QPSK	22.91	-0.65	20.11	PASS
Band12	10	23130	25	#0	QPSK	21.60	-0.65	18.80	PASS
Band12	10	23130	25	#Mid	QPSK	21.79	-0.65	18.99	PASS
Band12	10	23130	25	#Max	QPSK	21.58	-0.65	18.78	PASS
Band12	10	23130	50	#0	QPSK	21.63	-0.65	18.83	PASS
Band12	10	23130	1	#0	QAM16	22.21	-0.65	19.41	PASS
Band12	10	23130	1	#Mid	QAM16	22.19	-0.65	19.39	PASS

Band12	10	23130	1	#Max	QAM16	22.30	-0.65	19.50	PASS
Band12	10	23130	25	#0	QAM16	20.59	-0.65	17.79	PASS
Band12	10	23130	25	#Mid	QAM16	20.80	-0.65	18.00	PASS
Band12	10	23130	25	#Max	QAM16	20.64	-0.65	17.84	PASS
Band12	10	23130	50	#0	QAM16	20.57	-0.65	17.77	PASS

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	0.04	0.000	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	-5.29	-0.008	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	-2.78	-0.004	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QAM16	LV	NT	-0.94	-0.001	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QAM16	NV	NT	-3.65	-0.005	-2.5	2.5	PASS
Band12	1.4	23017	6	#0	QAM16	HV	NT	-4.13	-0.006	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	-4.02	-0.006	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	-3.92	-0.006	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	-4.84	-0.007	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QAM16	LV	NT	-7.91	-0.011	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QAM16	NV	NT	-2.02	-0.003	-2.5	2.5	PASS
Band12	1.4	23095	6	#0	QAM16	HV	NT	-0.84	-0.001	-2.5	2.5	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	-6.75	-0.009	-2.5	2.5	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	-5.25	-0.007	-2.5	2.5	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	-6.22	-0.009	-2.5	2.5	PASS

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Band1 2	1.4	23173	6	#0	QAM16	LV	NT	-2.73	-0.00 4	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	NV	NT	-3.20	-0.00 4	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	HV	NT	-4.35	-0.00 6	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	LV	NT	-6.74	-0.01 0	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	NT	-4.21	-0.00 6	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	HV	NT	-0.77	-0.00 1	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	LV	NT	-3.83	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	NT	-4.05	-0.00 6	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	HV	NT	-5.11	-0.00 7	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	LV	NT	-3.79	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	NT	-3.73	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	HV	NT	-1.89	-0.00 3	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	LV	NT	-1.49	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	NT	-3.49	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	HV	NT	-1.16	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	LV	NT	-5.62	-0.00 8	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	NT	-1.49	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	HV	NT	-3.08	-0.00 4	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	LV	NT	-6.31	-0.00 9	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	NT	-4.79	-0.00 7	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	HV	NT	-7.51	-0.011	-2.5	2.5	PASS

Band1 2	5	23035	25	#0	QPSK	LV	NT	-4.59	-0.00 7	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	NT	-1.86	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	HV	NT	-3.43	-0.00 5	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	LV	NT	-7.05	-0.01 0	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	NT	-5.05	-0.00 7	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	HV	NT	-1.76	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	LV	NT	-3.58	-0.00 5	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	NT	-3.91	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	HV	NT	-4.91	-0.00 7	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	LV	NT	-2.35	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	NT	-5.62	-0.00 8	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	HV	NT	-5.42	-0.00 8	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	LV	NT	-0.21	0.000	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	NT	-0.51	-0.00 1	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	HV	NT	-4.52	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	LV	NT	0.06	0.000	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	NT	-4.18	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	HV	NT	-3.35	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	LV	NT	-2.92	-0.00 4	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	NT	-3.36	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	HV	NT	-4.08	-0.00 6	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	LV	NT	-2.47	-0.00	-2.5	2.5	PASS

2									4			
Band1 2	10	23060	50	#0	QAM16	NV	NT	-2.20	-0.00	-2.5	2.5	PASS
2									3			
Band1 2	10	23060	50	#0	QAM16	HV	NT	-3.30	-0.00	-2.5	2.5	PASS
2									5			
Band1 2	10	23095	50	#0	QPSK	LV	NT	-3.88	-0.00	-2.5	2.5	PASS
2									5			
Band1 2	10	23095	50	#0	QPSK	NV	NT	-3.85	-0.00	-2.5	2.5	PASS
2									5			
Band1 2	10	23095	50	#0	QPSK	HV	NT	-2.06	-0.00	-2.5	2.5	PASS
2									3			
Band1 2	10	23095	50	#0	QAM16	LV	NT	-2.50	-0.00	-2.5	2.5	PASS
2									4			
Band1 2	10	23095	50	#0	QAM16	NV	NT	-2.27	-0.00	-2.5	2.5	PASS
2									3			
Band1 2	10	23095	50	#0	QAM16	HV	NT	-2.62	-0.00	-2.5	2.5	PASS
2									4			
Band1 2	10	23130	50	#0	QPSK	LV	NT	-1.46	-0.00	-2.5	2.5	PASS
2									2			
Band1 2	10	23130	50	#0	QPSK	NV	NT	-3.53	-0.00	-2.5	2.5	PASS
2									5			
Band1 2	10	23130	50	#0	QPSK	HV	NT	0.06	0.000	-2.5	2.5	PASS
2												
Band1 2	10	23130	50	#0	QAM16	LV	NT	-0.60	-0.00	-2.5	2.5	PASS
2									1			
Band1 2	10	23130	50	#0	QAM16	NV	NT	-3.49	-0.00	-2.5	2.5	PASS
2									5			
Band1 2	10	23130	50	#0	QAM16	HV	NT	0.76	0.001	-2.5	2.5	PASS
2												

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	-4.23	-0.00	-2.5	2.5	PASS
2									6			
Band1 2	1.4	23017	6	#0	QPSK	NV	-20	1.95	0.003	-2.5	2.5	PASS
2												
Band1 2	1.4	23017	6	#0	QPSK	NV	0	-2.20	-0.00	-2.5	2.5	PASS
2									3			
Band1 2	1.4	23017	6	#0	QPSK	NV	10	-2.12	-0.00	-2.5	2.5	PASS
2									3			

Band1 2	1.4	23017	6	#0	QPSK	NV	20	-1.93	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	-30	-7.27	-0.01 0	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	-20	-1.96	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	0	-0.66	-0.00 1	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	10	-0.37	-0.00 1	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	20	-0.47	-0.00 1	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	-30	-13.8 9	-0.02 0	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	-20	-6.72	-0.00 9	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	0	-1.77	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	10	-0.69	-0.00 1	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	20	0.11	0.000	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	-30	-4.23	-0.00 6	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	-20	-2.85	-0.00 4	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	0	0.93	0.001	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	10	-5.46	-0.00 8	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	20	0.30	0.000	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	-30	-1.86	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	-20	2.65	0.004	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	0	0.96	0.001	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	10	-1.69	-0.00 2	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	20	-6.34	-0.00 9	-2.5	2.5	PASS
Band1	1.4	23173	6	#0	QAM16	NV	-30	-7.01	-0.01	-2.5	2.5	PASS

2								0				
Band1 2	1.4	23173	6	#0	QAM16	NV	-20	-1.90	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	NV	0	-2.43	-0.00 3	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	NV	10	-7.52	-0.011	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QAM16	NV	20	-8.10	-0.011	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	-30	0.62	0.001	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	-20	-3.68	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	0	0.06	0.000	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	10	-0.59	-0.00 1	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	20	-0.64	-0.00 1	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	-30	-1.03	-0.00 1	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	-20	-1.33	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	0	-1.54	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	10	-0.13	0.000	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QAM16	NV	20	-1.16	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	-30	-3.10	-0.00 4	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	-20	-6.27	-0.00 9	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	0	0.29	0.000	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	10	-1.22	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	20	-0.92	-0.00 1	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	-30	-6.15	-0.00 9	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	-20	-2.42	-0.00 3	-2.5	2.5	PASS

Band1 2	3	23095	15	#0	QAM16	NV	0	-3.58	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	10	-3.30	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QAM16	NV	20	-6.74	-0.01 0	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	-30	-2.95	-0.00 4	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	-20	-5.88	-0.00 8	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	0	-6.18	-0.00 9	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	10	-6.12	-0.00 9	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	20	-7.47	-0.01 0	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	-30	-1.72	-0.00 2	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	-20	-4.84	-0.00 7	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	0	-3.81	-0.00 5	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	10	-7.37	-0.01 0	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QAM16	NV	20	-0.39	-0.00 1	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	-30	-8.08	-0.01 2	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	-20	-4.56	-0.00 7	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	0	-7.11	-0.01 0	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	10	-2.37	-0.00 3	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	20	-3.75	-0.00 5	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	-30	-0.40	-0.00 1	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	-20	-3.33	-0.00 5	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	0	-7.02	-0.01 0	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QAM16	NV	10	-1.90	-0.00	-2.5	2.5	PASS

2									3			
Band1 2	5	23035	25	#0	QAM16	NV	20	-6.87	-0.01 0	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	-30	-6.38	-0.00 9	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	-20	-0.56	-0.00 1	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	0	-4.18	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	10	0.24	0.000	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	20	-1.17	-0.00 2	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	-30	-0.64	-0.00 1	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	-20	2.00	0.003	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	0	0.93	0.001	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	10	-6.68	-0.00 9	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QAM16	NV	20	-3.83	-0.00 5	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	-30	-4.09	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	-20	2.26	0.003	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	0	-1.13	-0.00 2	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	10	-1.59	-0.00 2	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	20	-3.79	-0.00 5	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	-30	0.86	0.001	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	-20	-0.47	-0.00 1	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	0	-1.70	-0.00 2	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	10	-4.89	-0.00 7	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QAM16	NV	20	-4.06	-0.00 6	-2.5	2.5	PASS

Band1 2	10	23060	50	#0	QPSK	NV	-30	-4.13	-0.00 6	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	-20	-3.23	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	0	-3.38	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	10	-3.50	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	20	-3.16	-0.00 4	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	-30	-6.32	-0.00 9	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	-20	-3.28	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	0	-2.20	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	10	-4.69	-0.00 7	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QAM16	NV	20	-3.59	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-30	-0.39	-0.00 1	-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	QPSK	NV	0	-1.36	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	10	-0.43	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	20	-3.82	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	-30	-6.15	-0.00 9	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	-20	-3.68	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	0	-5.56	-0.00 8	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	10	-0.70	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QAM16	NV	20	-3.25	-0.00 5	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-30	-4.39	-0.00 6	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-20	-3.48	-0.00	-2.5	2.5	PASS

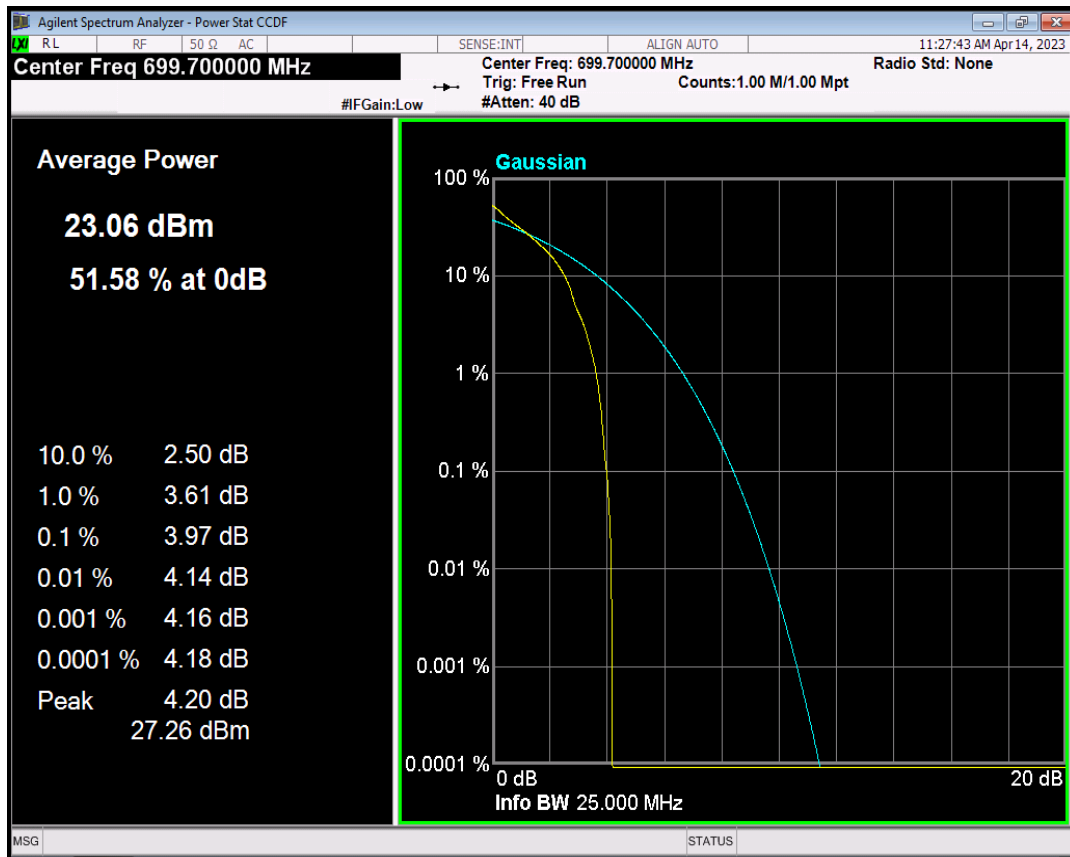
2								5				
Band1 2	10	23130	50	#0	QPSK	NV	0	-2.59	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	10	-0.57	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	20	-4.78	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	-30	-3.28	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	-20	-0.39	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	0	-2.80	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	10	-3.19	-0.00	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QAM16	NV	20	-5.08	-0.00	-2.5	2.5	PASS

Appendix 3. Peak-to-Average Ratio

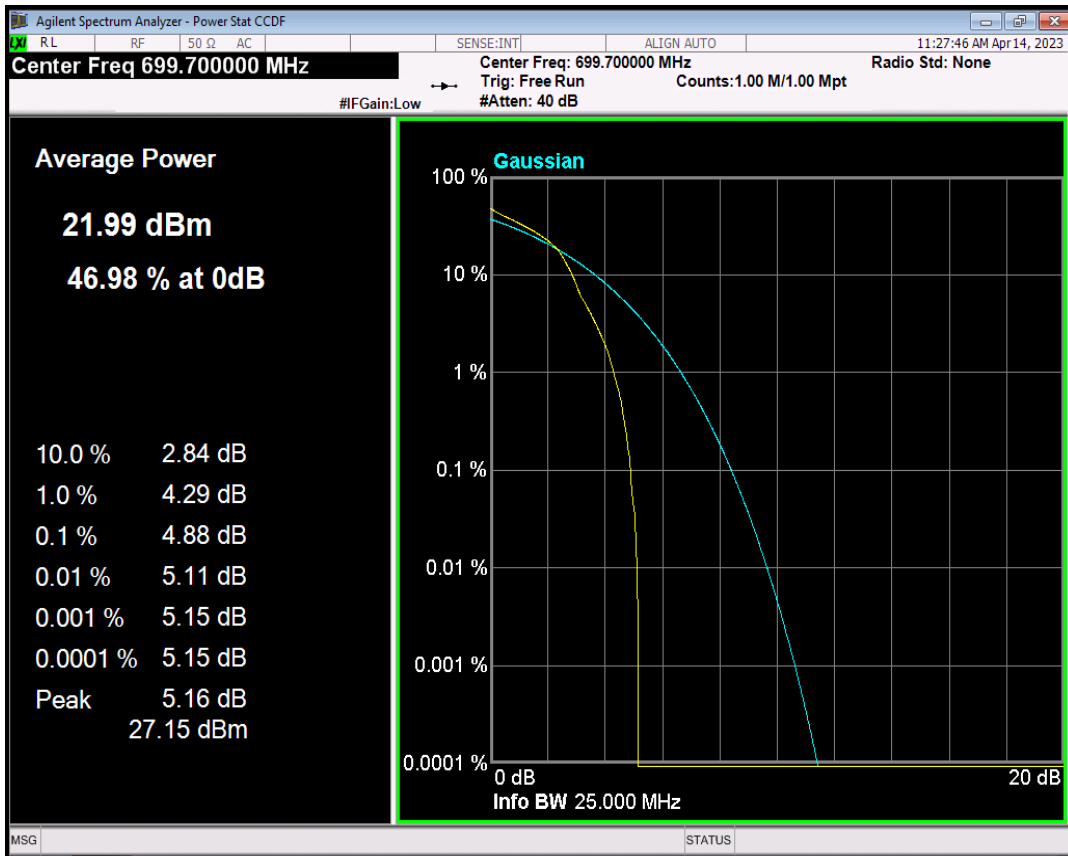
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	3.97	13	PASS
Band12	1.4	23017	1	#0	QAM16	4.88	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.98	13	PASS
Band12	1.4	23095	1	#0	QAM16	5.77	13	PASS
Band12	1.4	23173	1	#0	QPSK	5.45	13	PASS
Band12	1.4	23173	1	#0	QAM16	6.27	13	PASS
Band12	3	23025	1	#0	QPSK	4.00	13	PASS
Band12	3	23025	1	#0	QAM16	4.84	13	PASS
Band12	3	23095	1	#0	QPSK	5.40	13	PASS
Band12	3	23095	1	#0	QAM16	6.43	13	PASS
Band12	3	23165	1	#0	QPSK	5.38	13	PASS
Band12	3	23165	1	#0	QAM16	6.04	13	PASS
Band12	5	23035	1	#0	QPSK	3.87	13	PASS
Band12	5	23035	1	#0	QAM16	4.59	13	PASS
Band12	5	23095	1	#0	QPSK	5.48	13	PASS
Band12	5	23095	1	#0	QAM16	6.19	13	PASS
Band12	5	23155	1	#0	QPSK	5.00	13	PASS
Band12	5	23155	1	#0	QAM16	5.63	13	PASS
Band12	10	23060	1	#0	QPSK	3.75	13	PASS

Band12	10	23060	1	#0	QAM16	4.71	13	PASS
Band12	10	23095	1	#0	QPSK	4.98	13	PASS
Band12	10	23095	1	#0	QAM16	5.72	13	PASS
Band12	10	23130	1	#0	QPSK	5.01	13	PASS
Band12	10	23130	1	#0	QAM16	5.91	13	PASS

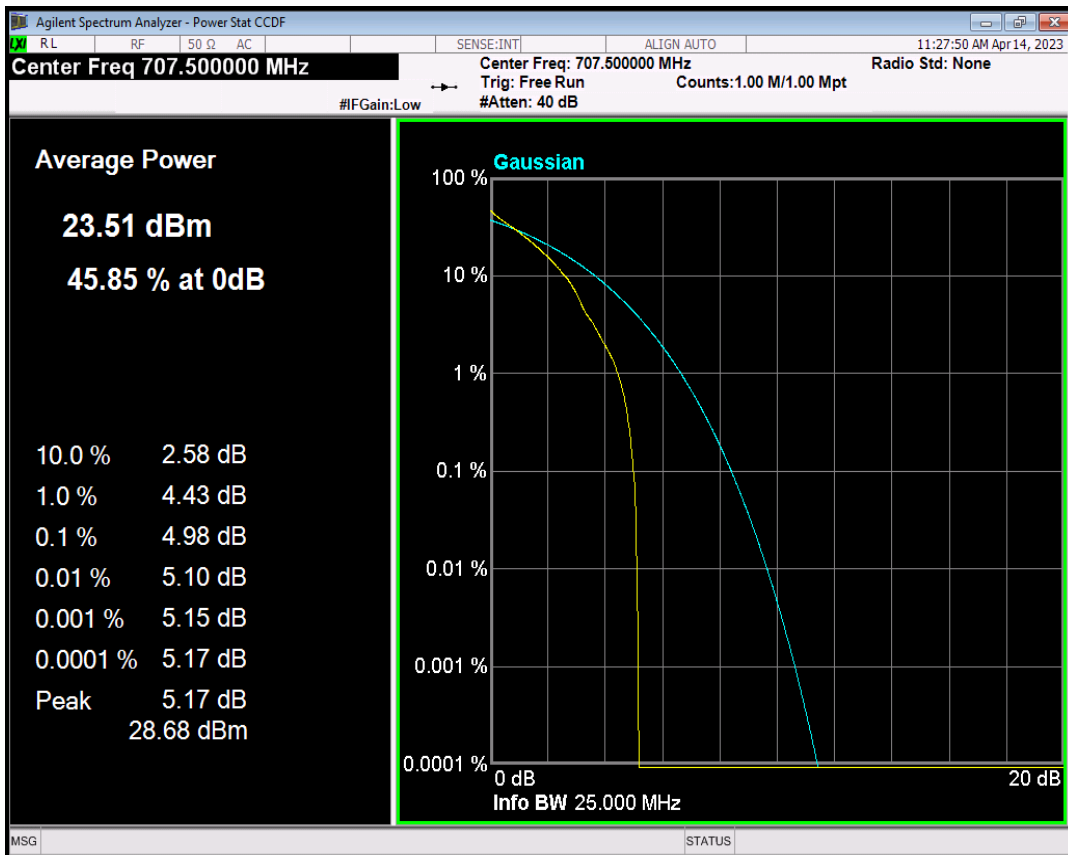
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



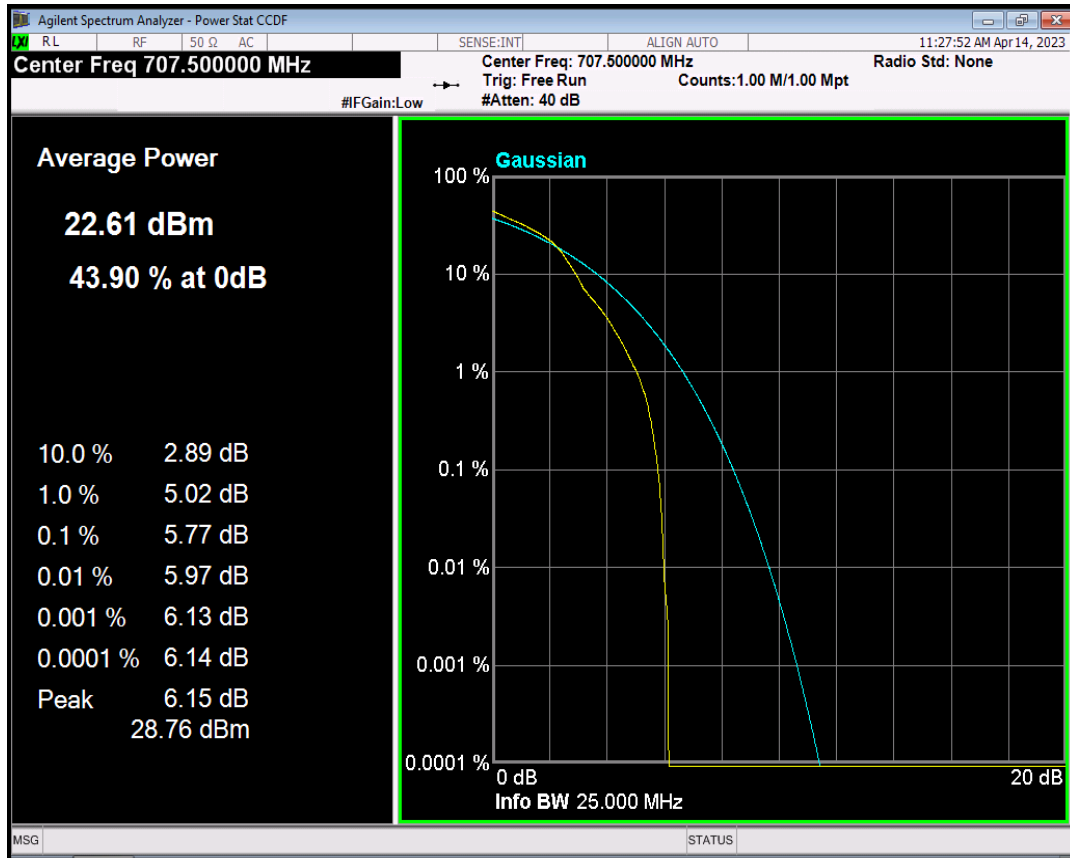
Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=1 Position=#0



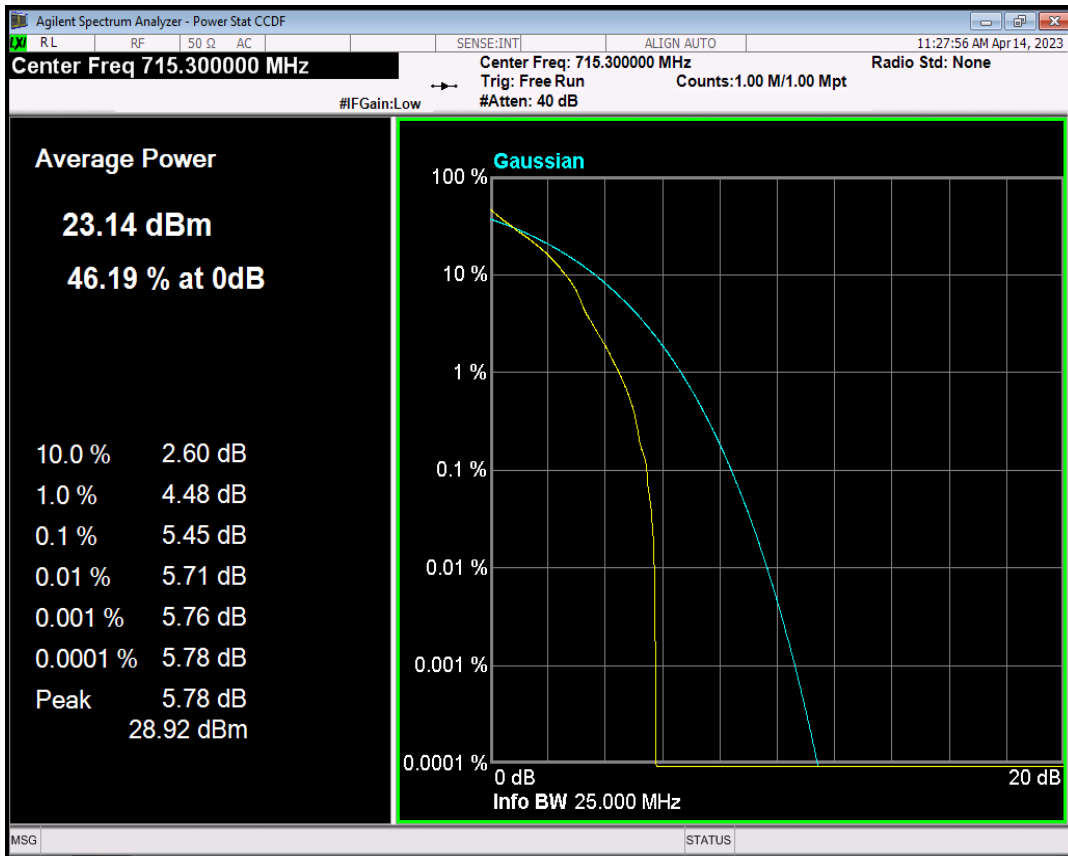
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



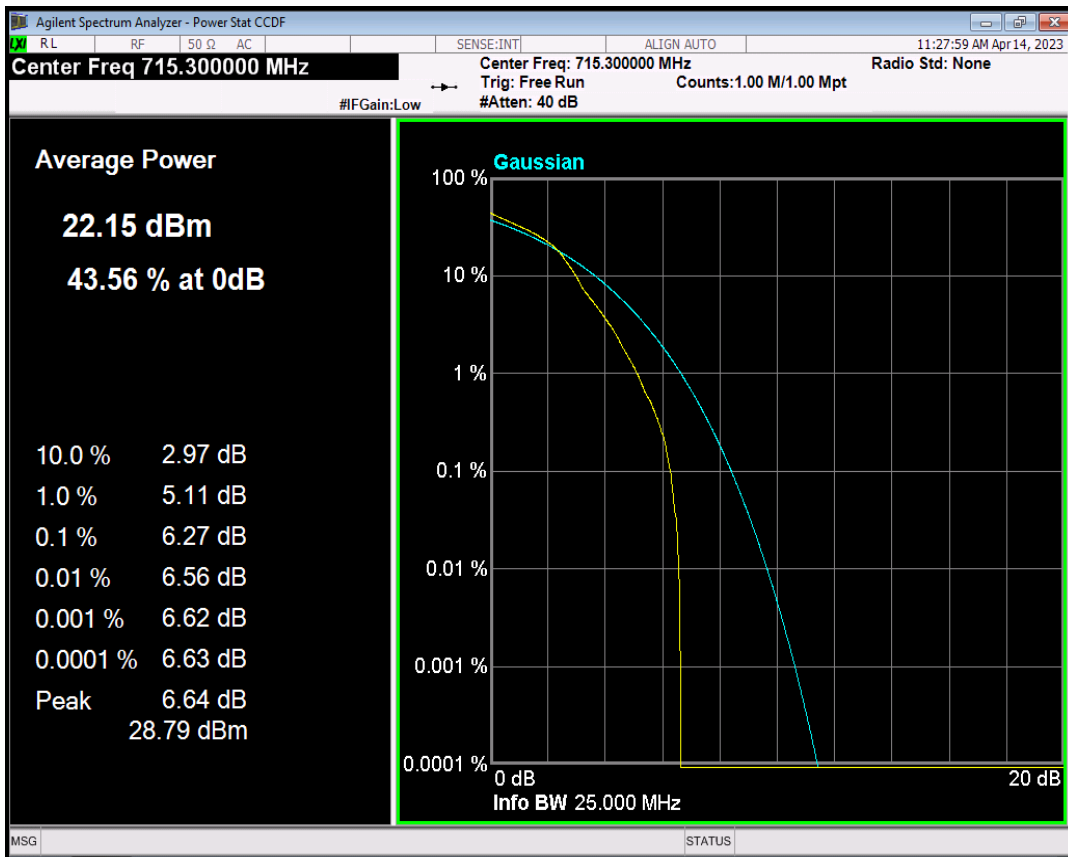
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0



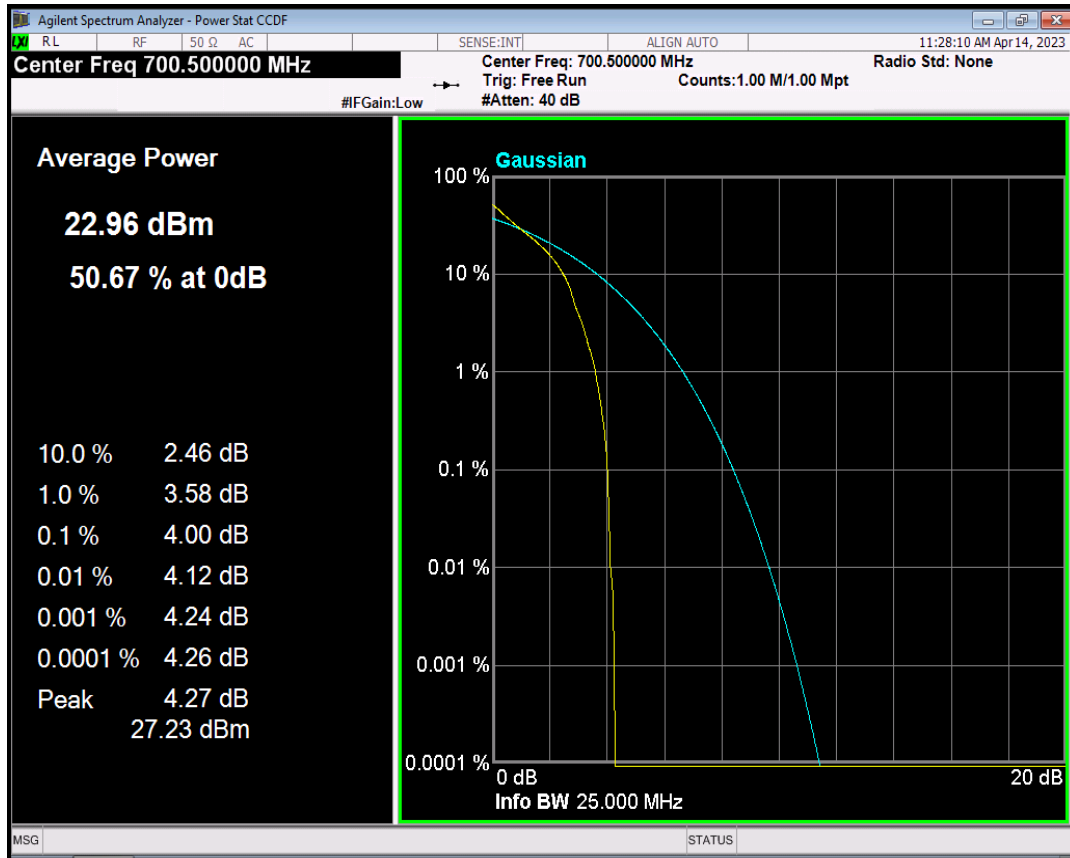
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



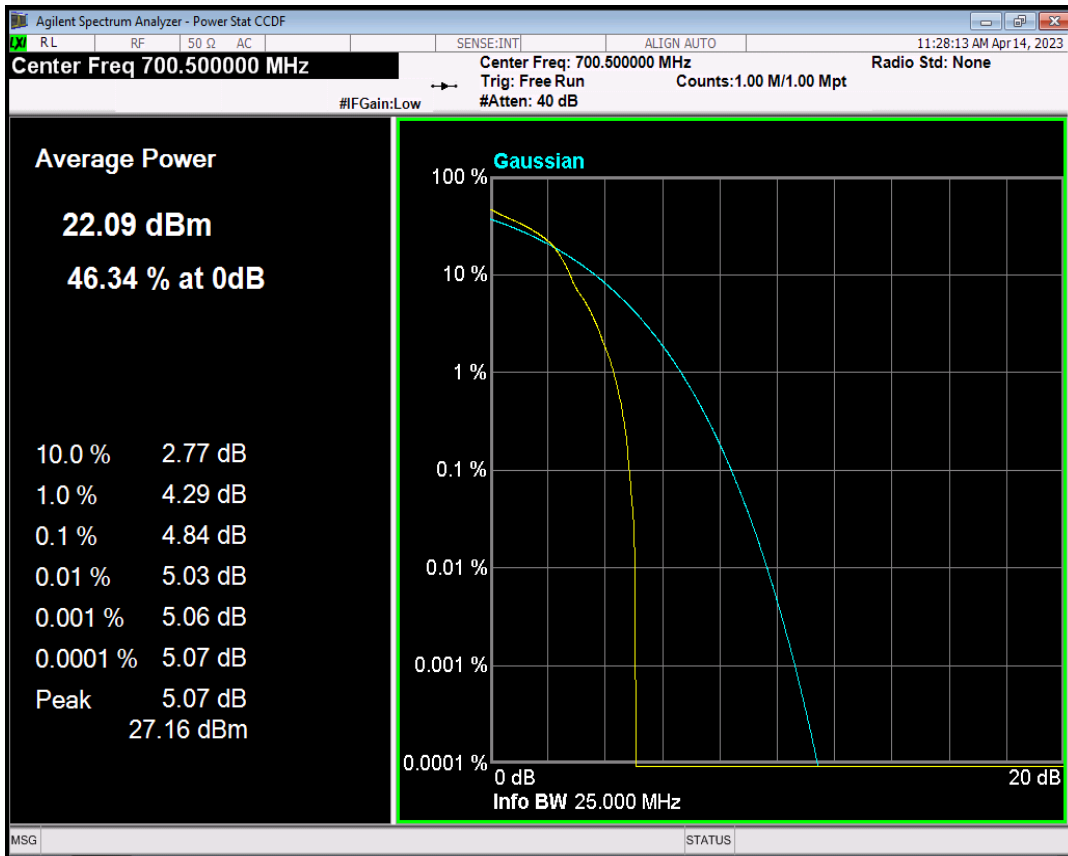
Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=1 Position=#0



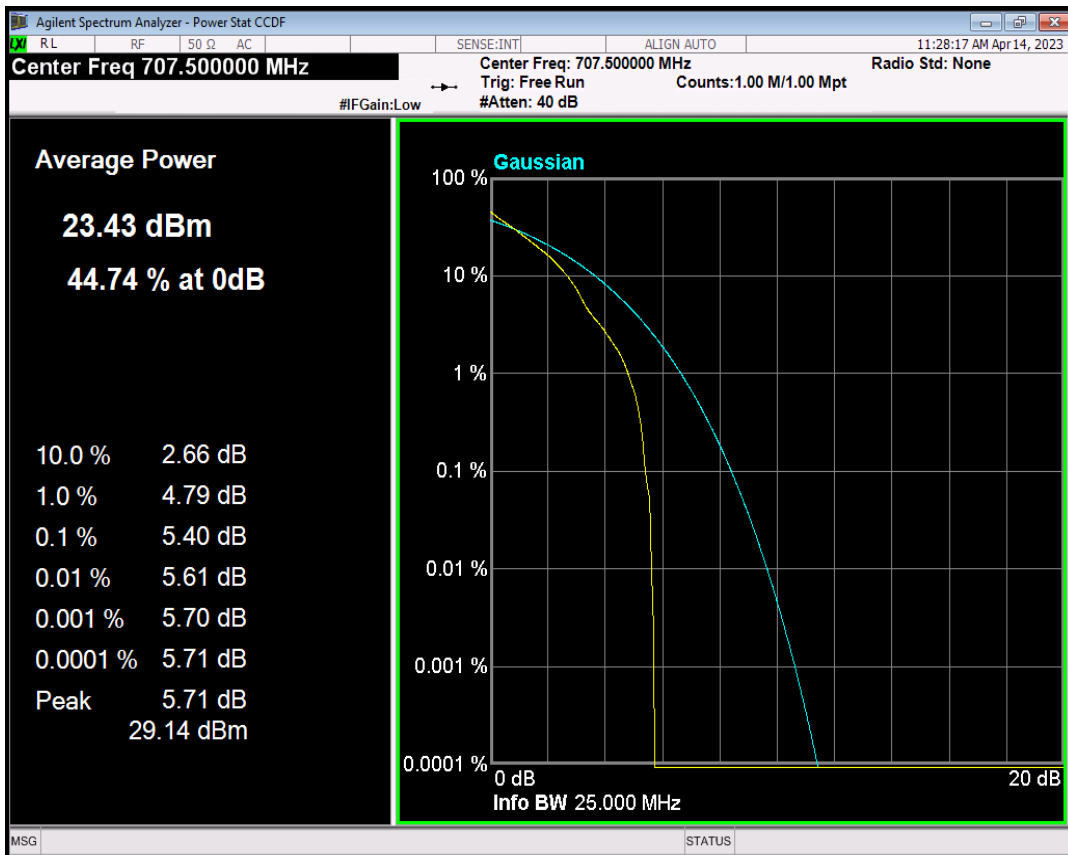
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



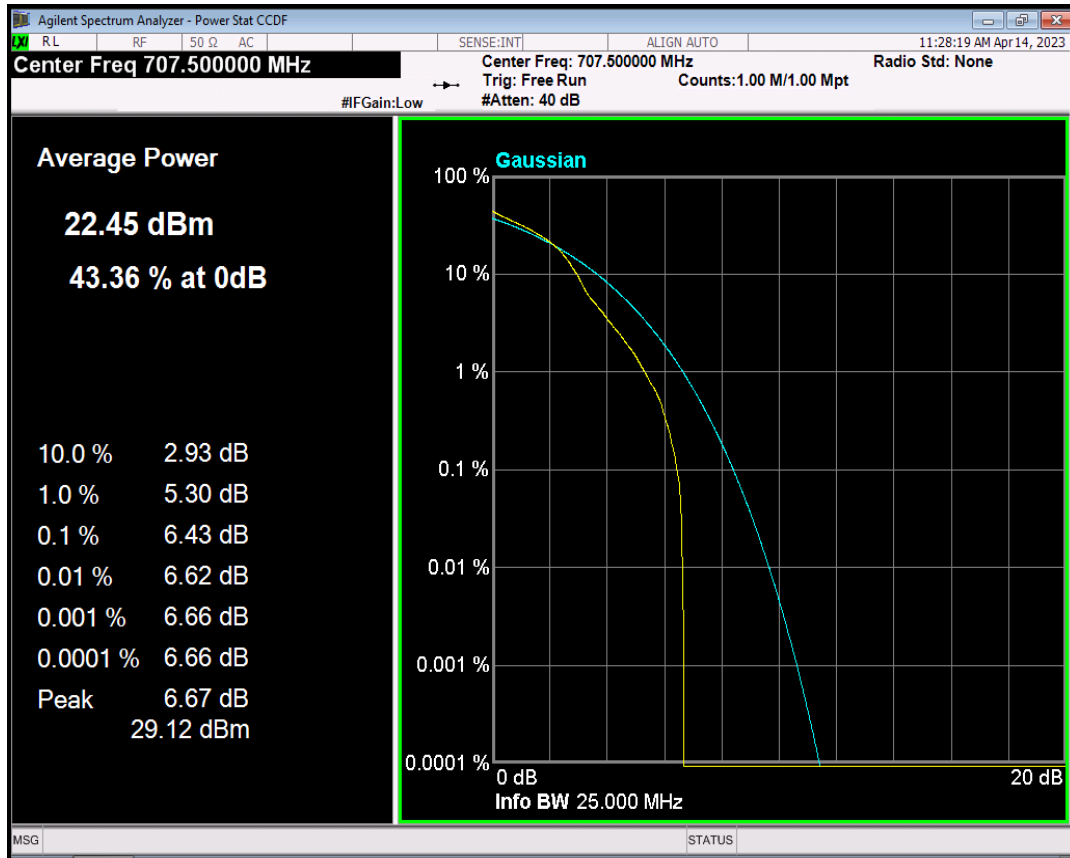
Band12 QAM16 BW=3MHz Channel=23025 RB Size=1 Position=#0



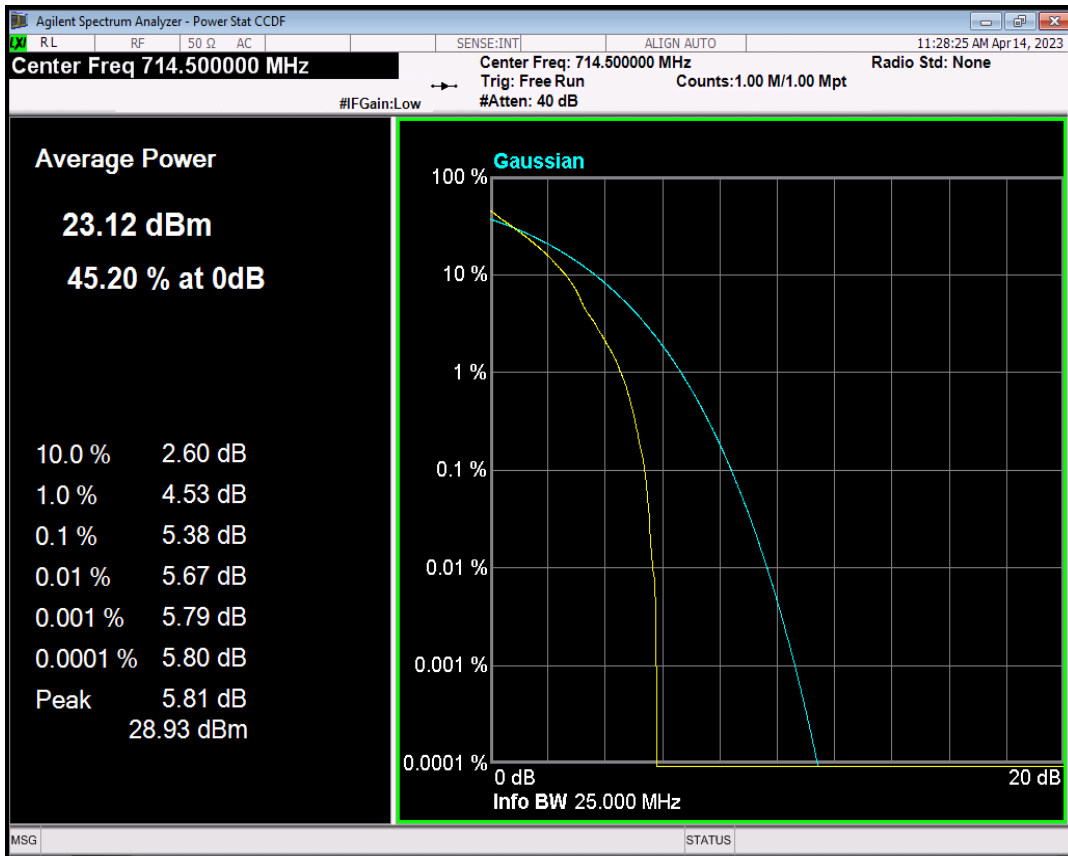
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



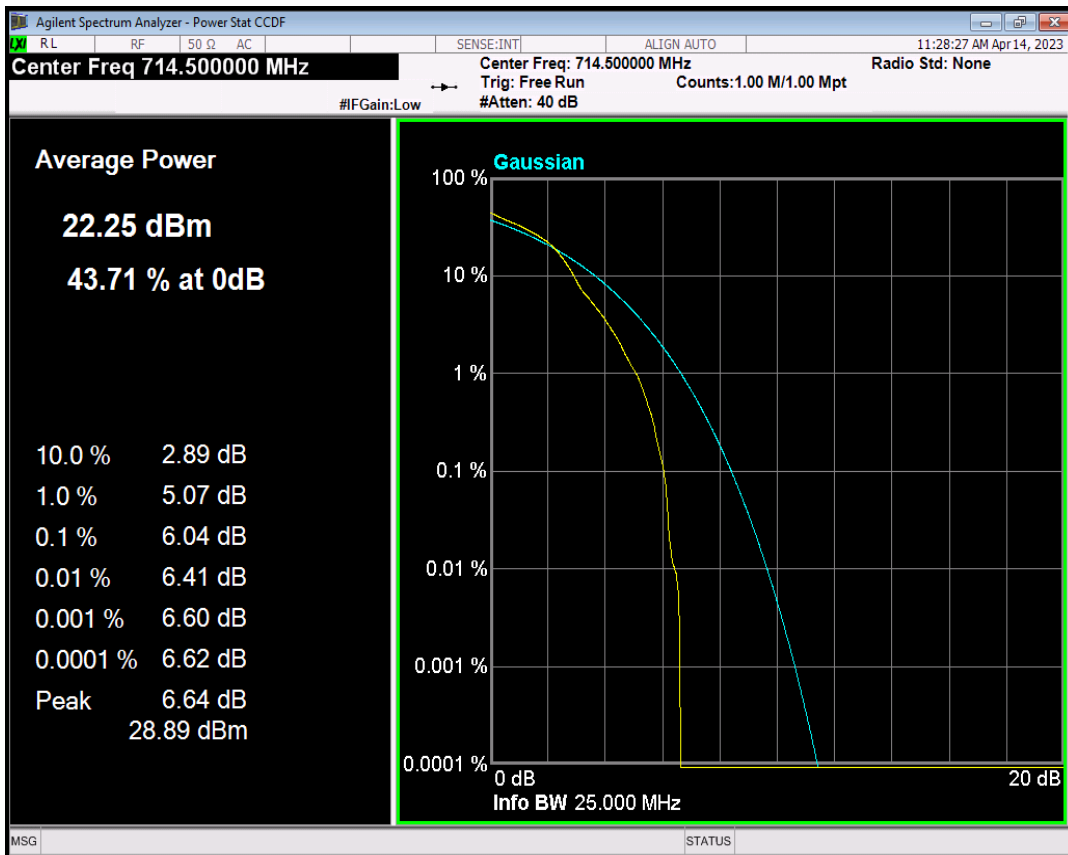
Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0



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

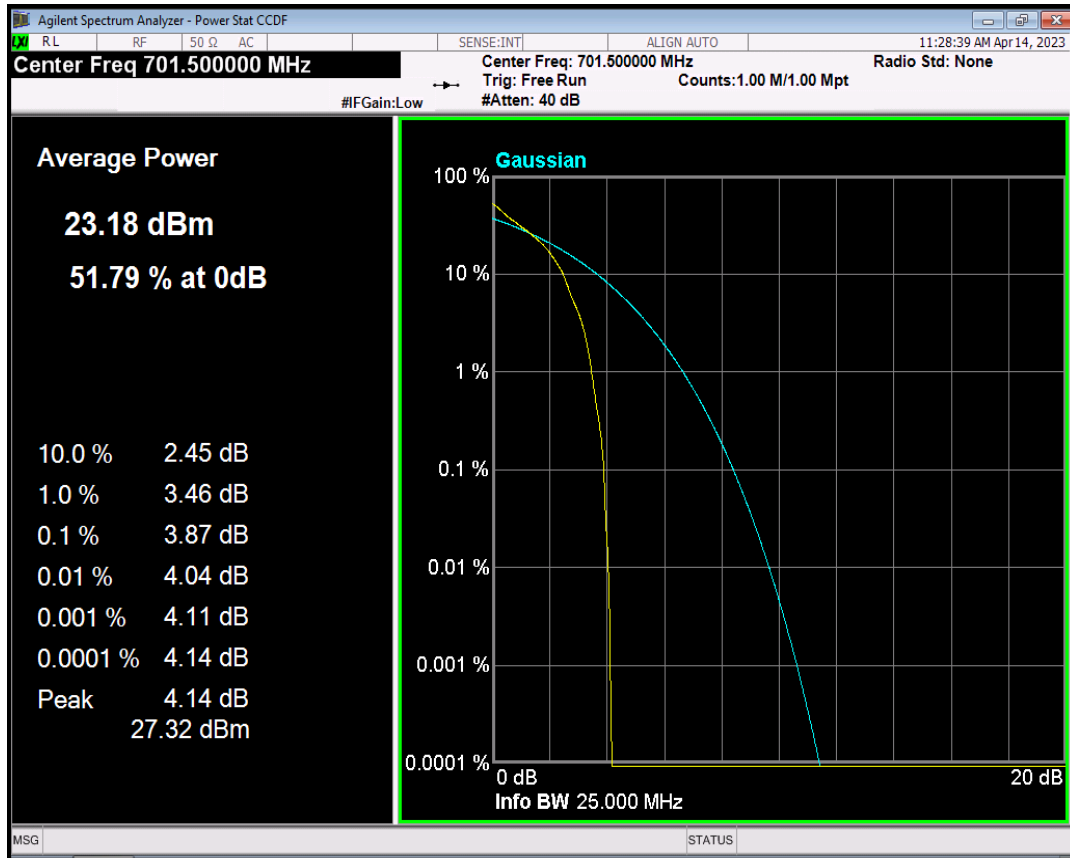


Band12 QAM16 BW=3MHz Channel=23165 RB Size=1 Position=#0

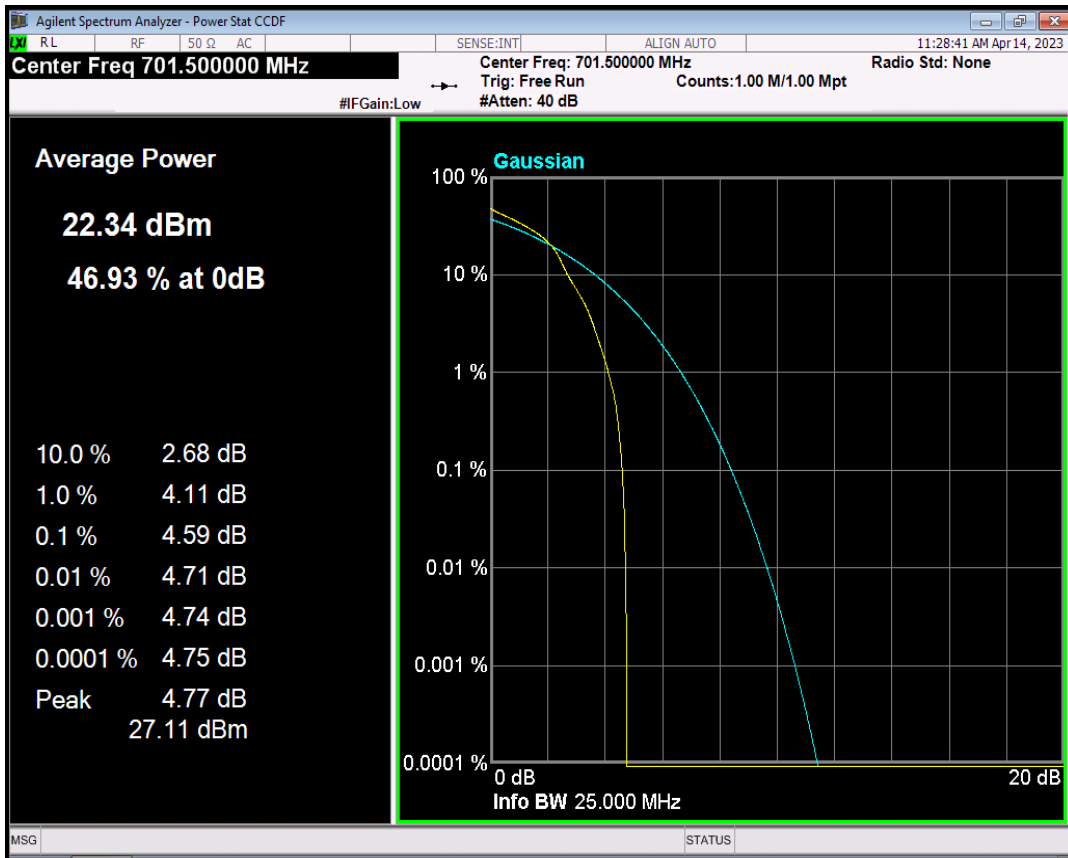




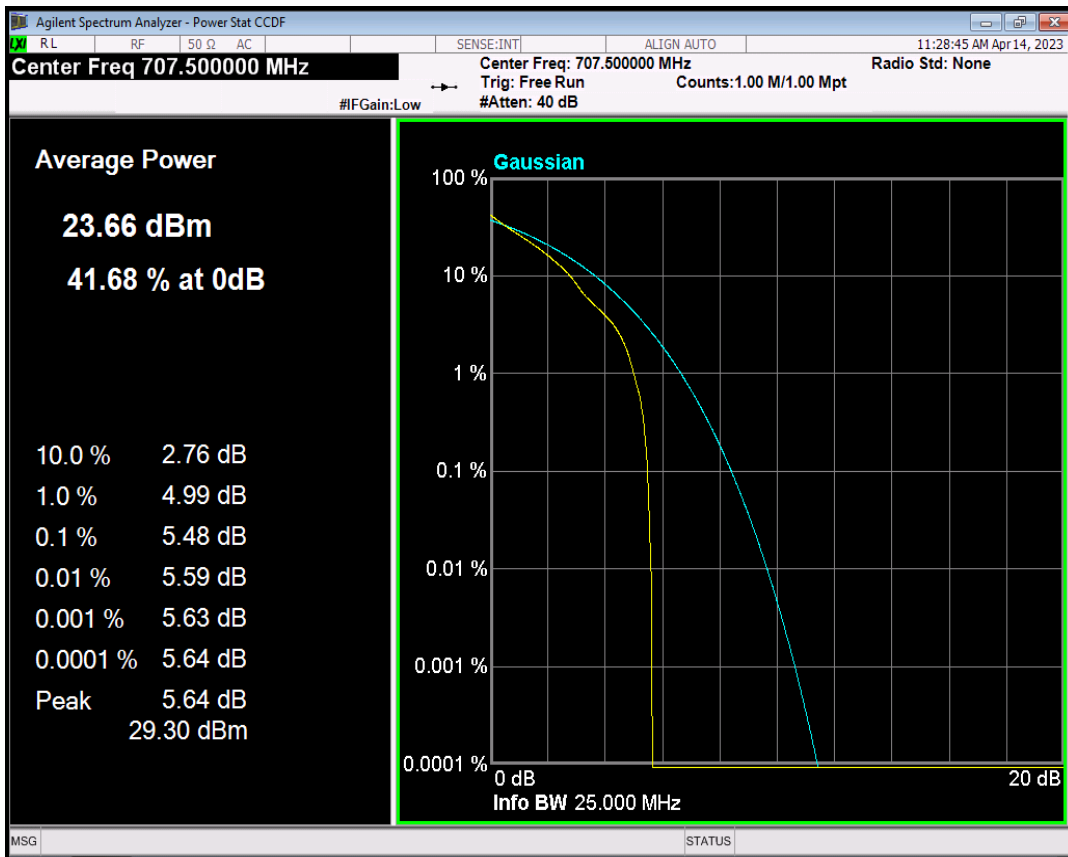
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



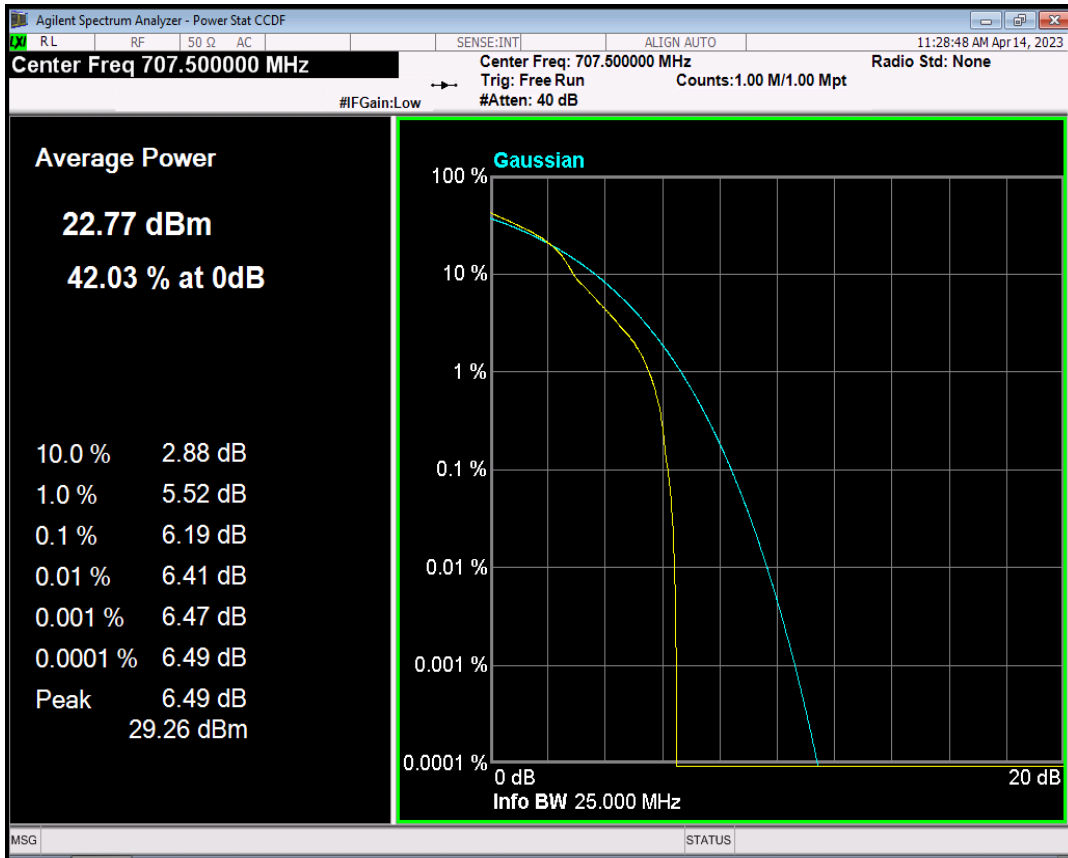
Band12 QAM16 BW=5MHz Channel=23035 RB Size=1 Position=#0



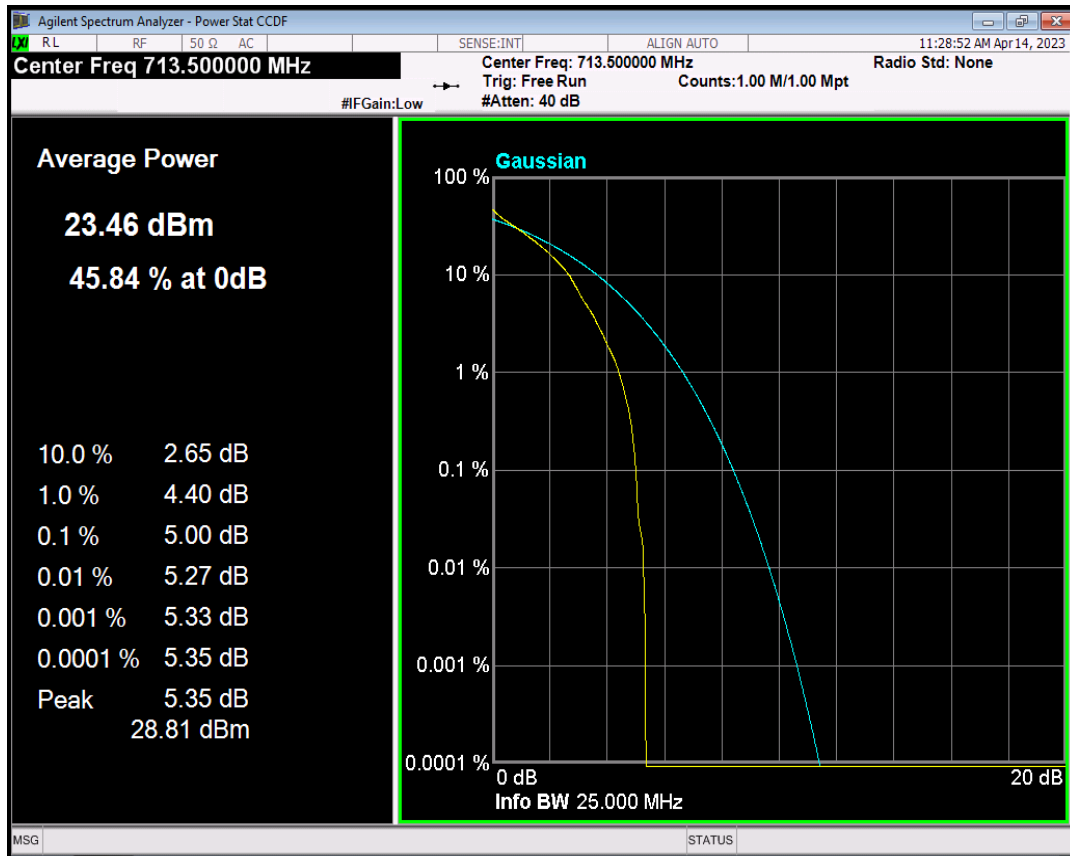
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



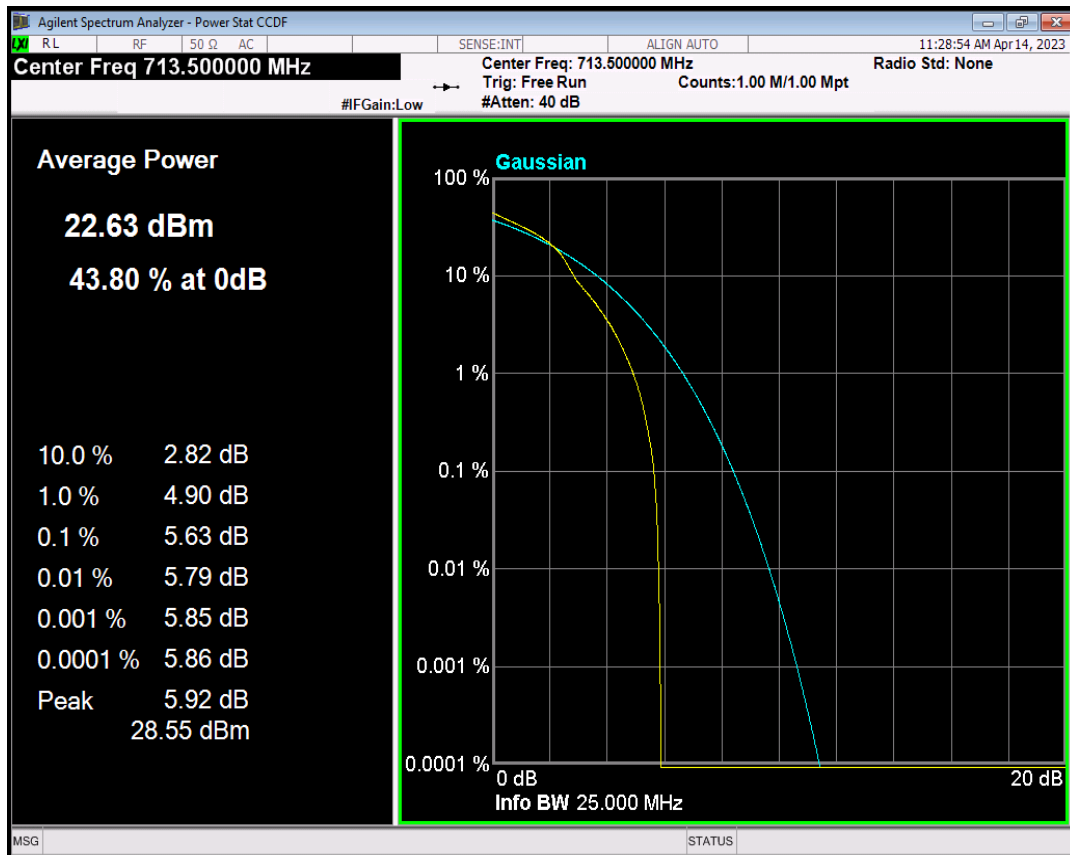
Band12 QAM16 BW=5MHz Channel=23095 RB Size=1 Position=#0



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

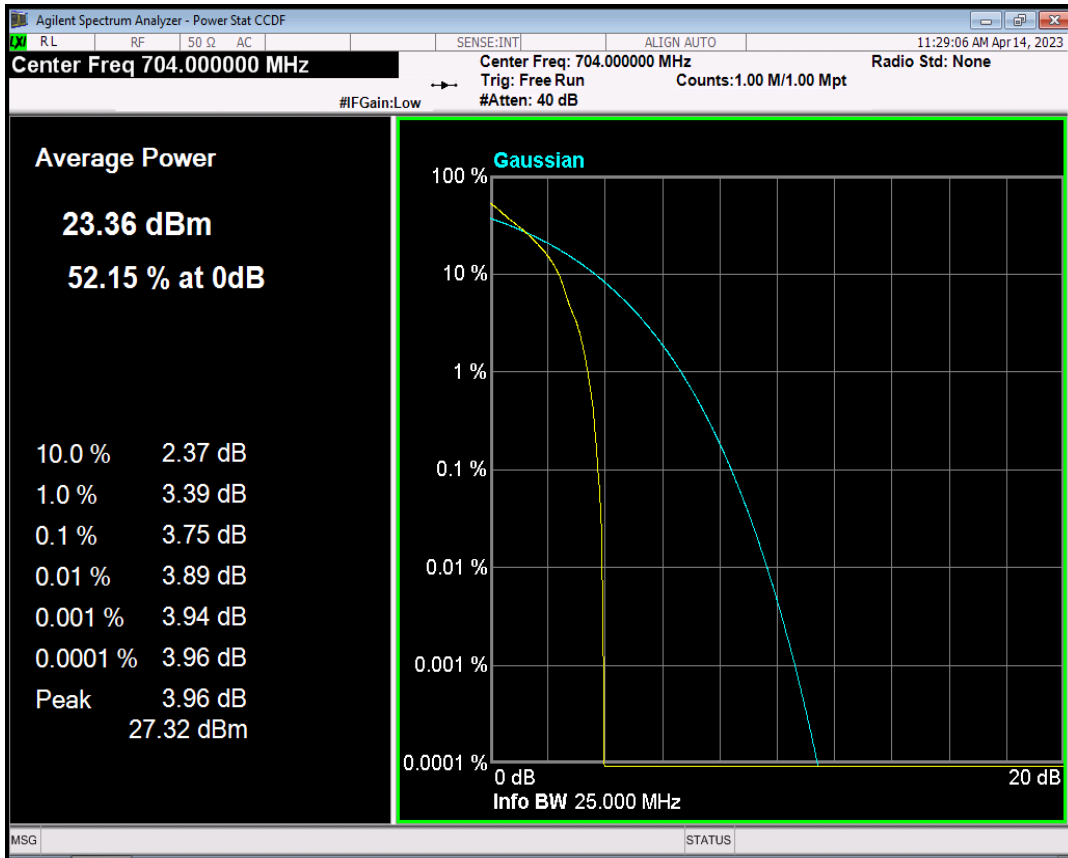


Band12 QAM16 BW=5MHz Channel=23155 RB Size=1 Position=#0

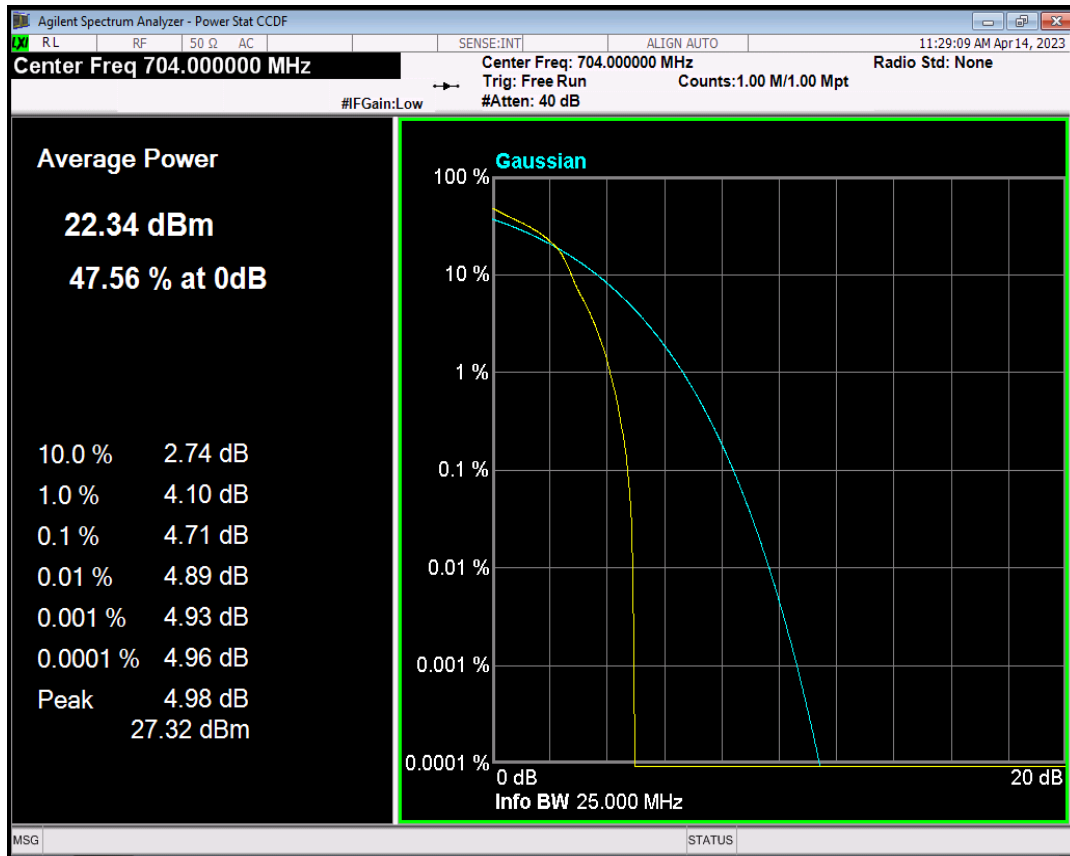




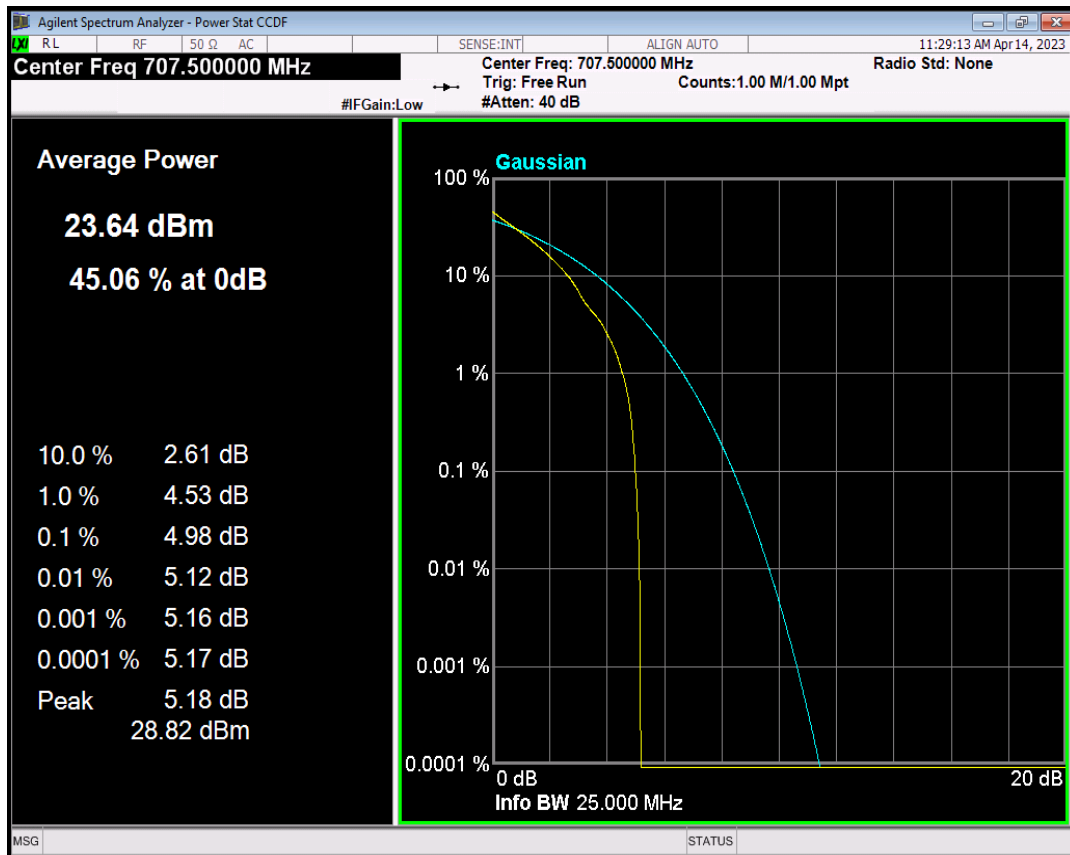
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



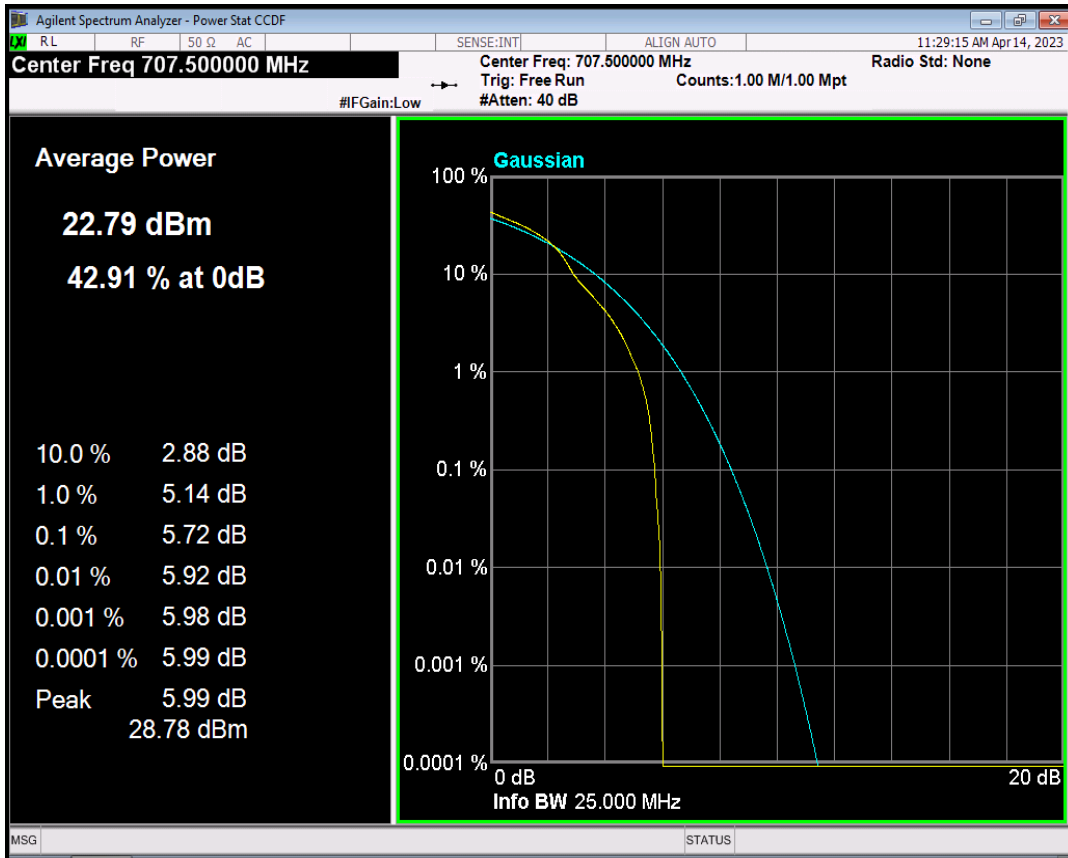
Band12 QAM16 BW=10MHz Channel=23060 RB Size=1 Position=#0



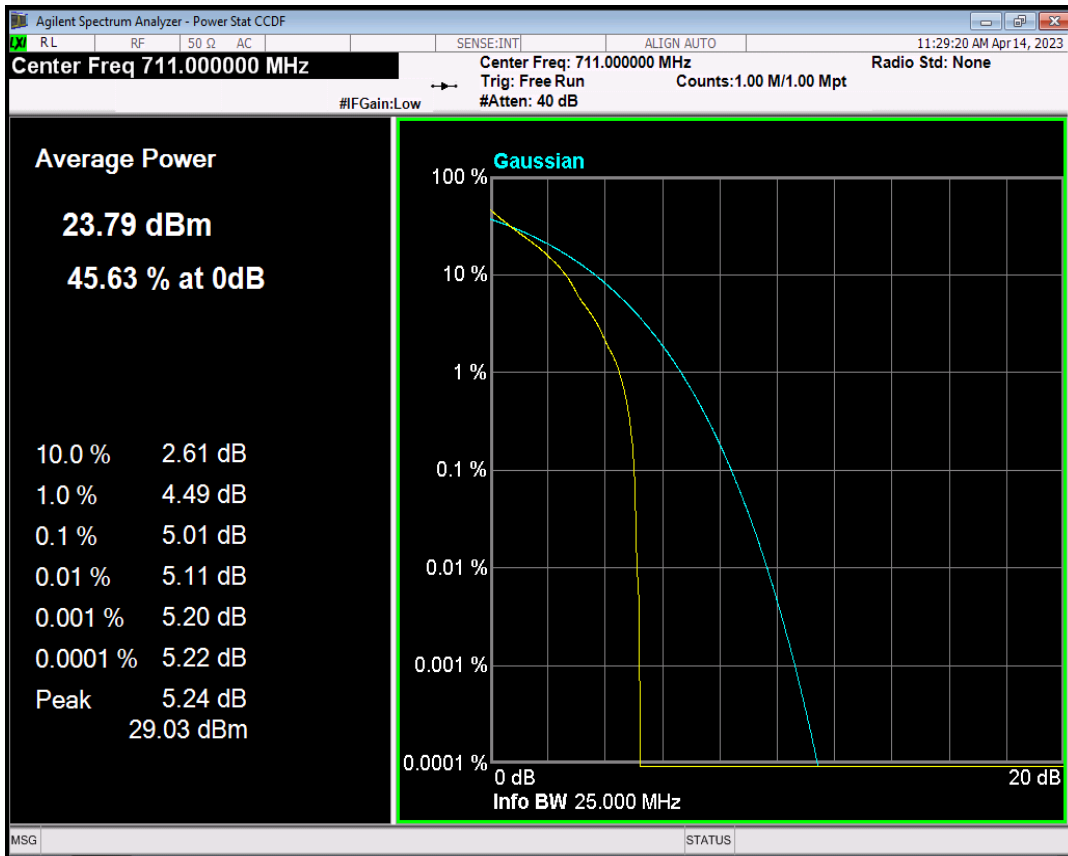
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



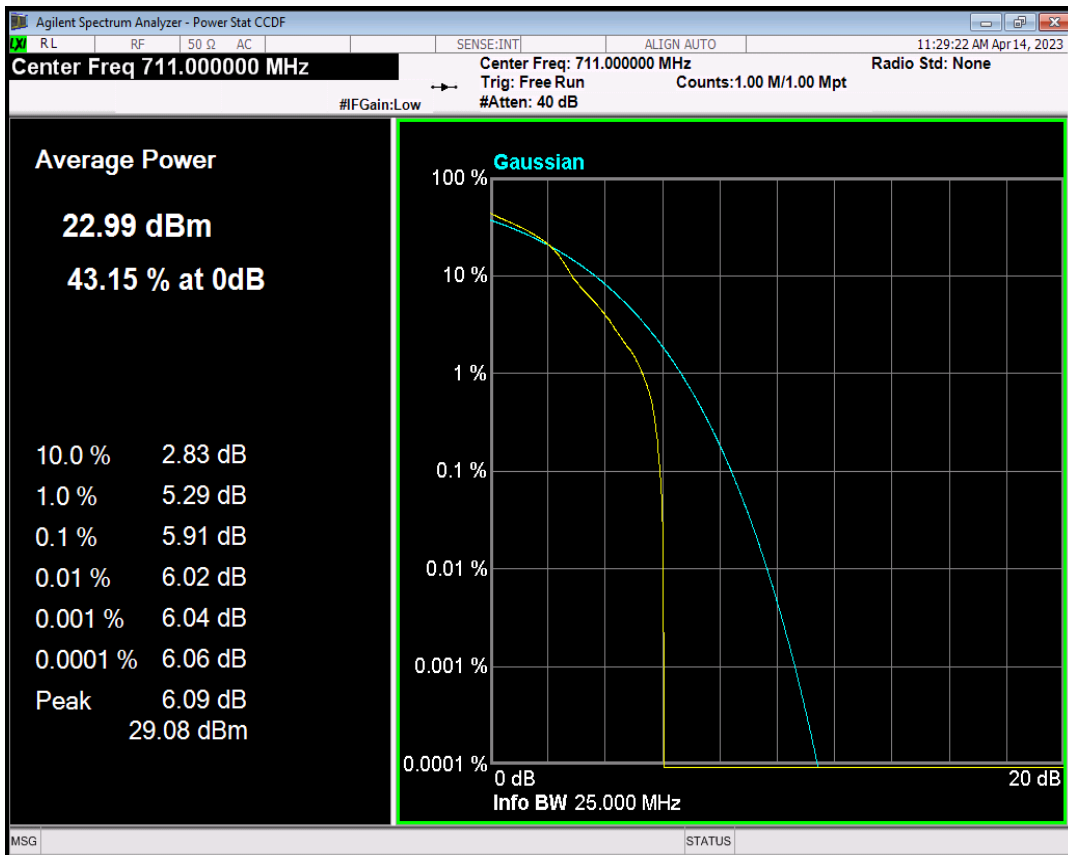
Band12 QAM16 BW=10MHz Channel=23095 RB Size=1 Position=#0



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



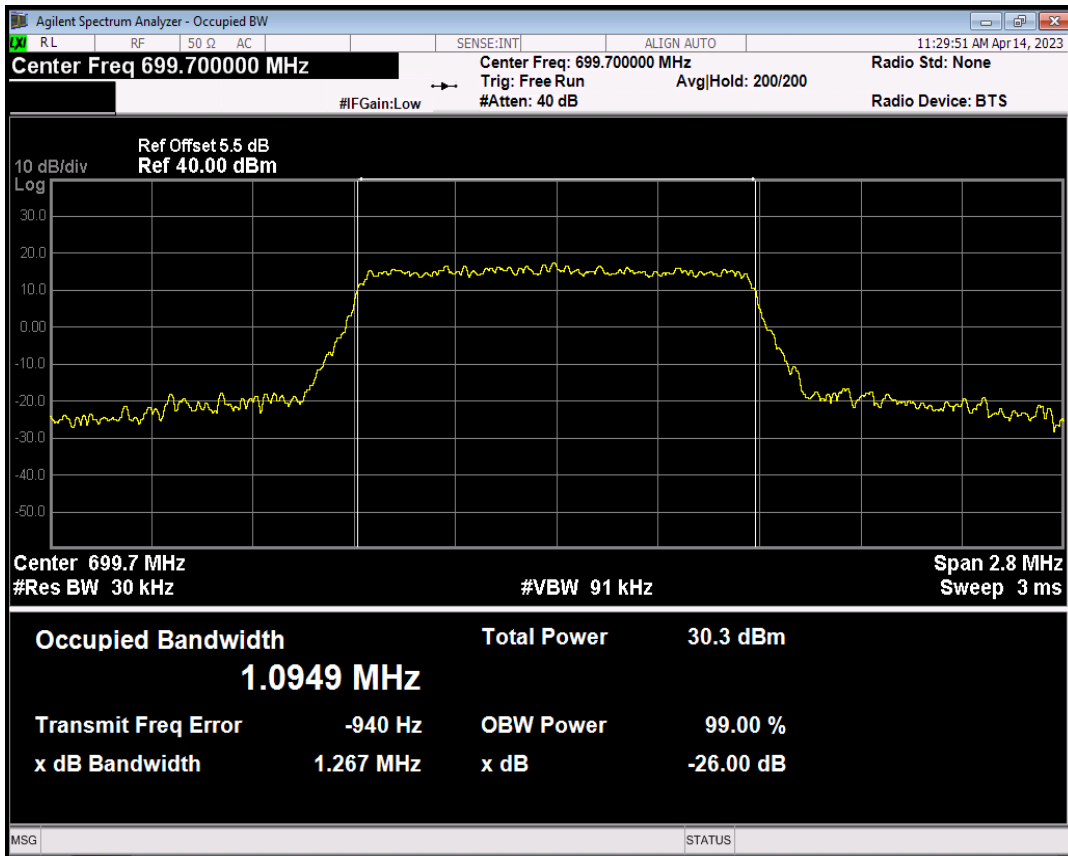
Band12 QAM16 BW=10MHz Channel=23130 RB Size=1 Position=#0



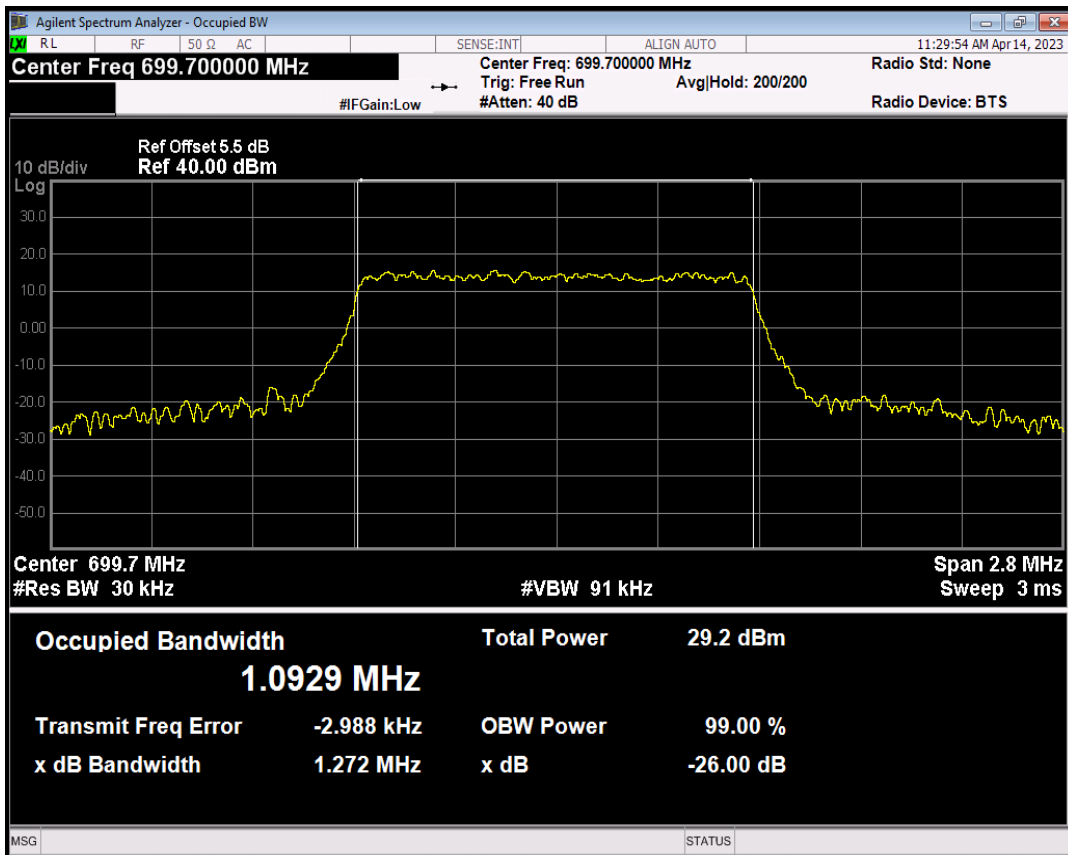
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.095	1.267	PASS
Band12	1.4	23017	6	#0	QAM16	1.093	1.272	PASS
Band12	1.4	23095	6	#0	QPSK	1.095	1.255	PASS
Band12	1.4	23095	6	#0	QAM16	1.091	1.262	PASS
Band12	1.4	23173	6	#0	QPSK	1.096	1.272	PASS
Band12	1.4	23173	6	#0	QAM16	1.098	1.278	PASS
Band12	3	23025	15	#0	QPSK	2.679	2.969	PASS
Band12	3	23025	15	#0	QAM16	2.683	2.965	PASS
Band12	3	23095	15	#0	QPSK	2.679	2.959	PASS
Band12	3	23095	15	#0	QAM16	2.689	2.959	PASS
Band12	3	23165	15	#0	QPSK	2.695	2.981	PASS
Band12	3	23165	15	#0	QAM16	2.683	2.980	PASS
Band12	5	23035	25	#0	QPSK	4.513	4.877	PASS
Band12	5	23035	25	#0	QAM16	4.498	4.906	PASS
Band12	5	23095	25	#0	QPSK	4.502	4.865	PASS
Band12	5	23095	25	#0	QAM16	4.503	4.914	PASS
Band12	5	23155	25	#0	QPSK	4.508	4.905	PASS
Band12	5	23155	25	#0	QAM16	4.525	4.937	PASS
Band12	10	23060	50	#0	QPSK	9.044	9.690	PASS
Band12	10	23060	50	#0	QAM16	9.047	9.732	PASS
Band12	10	23095	50	#0	QPSK	8.923	9.634	PASS
Band12	10	23095	50	#0	QAM16	8.914	9.545	PASS
Band12	10	23130	50	#0	QPSK	8.976	9.734	PASS
Band12	10	23130	50	#0	QAM16	8.952	9.642	PASS

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

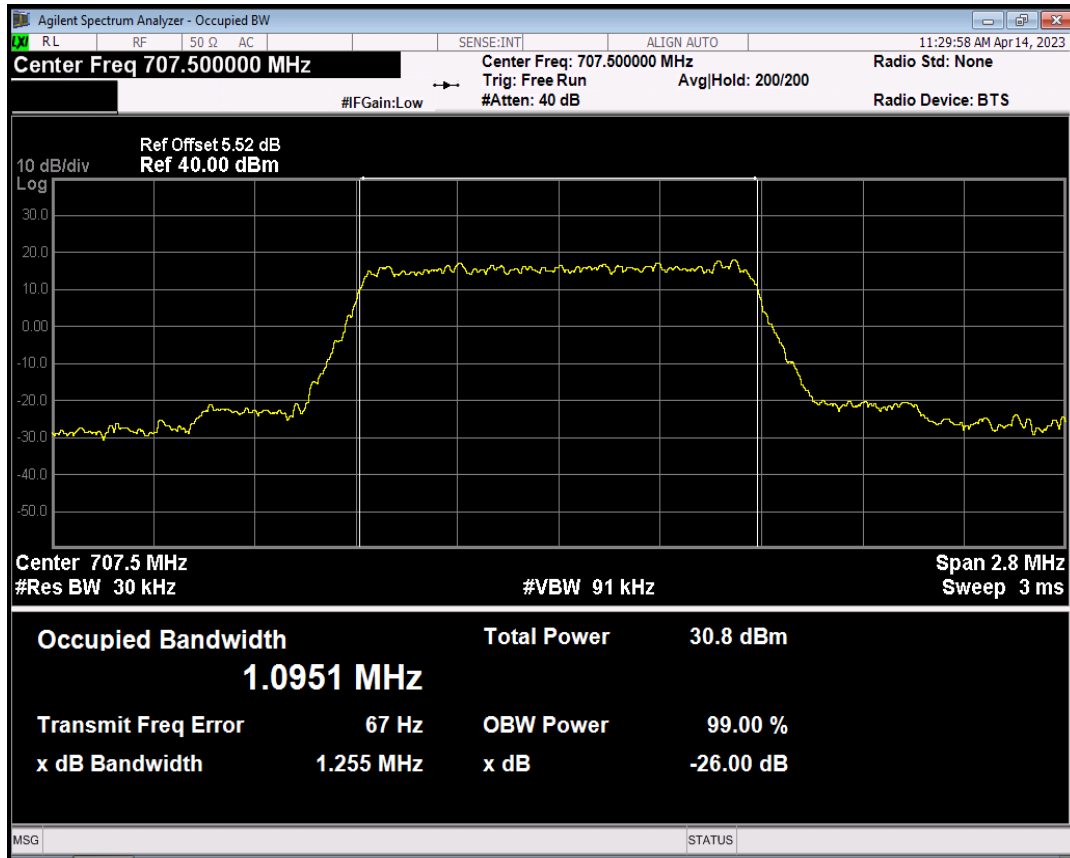


Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0

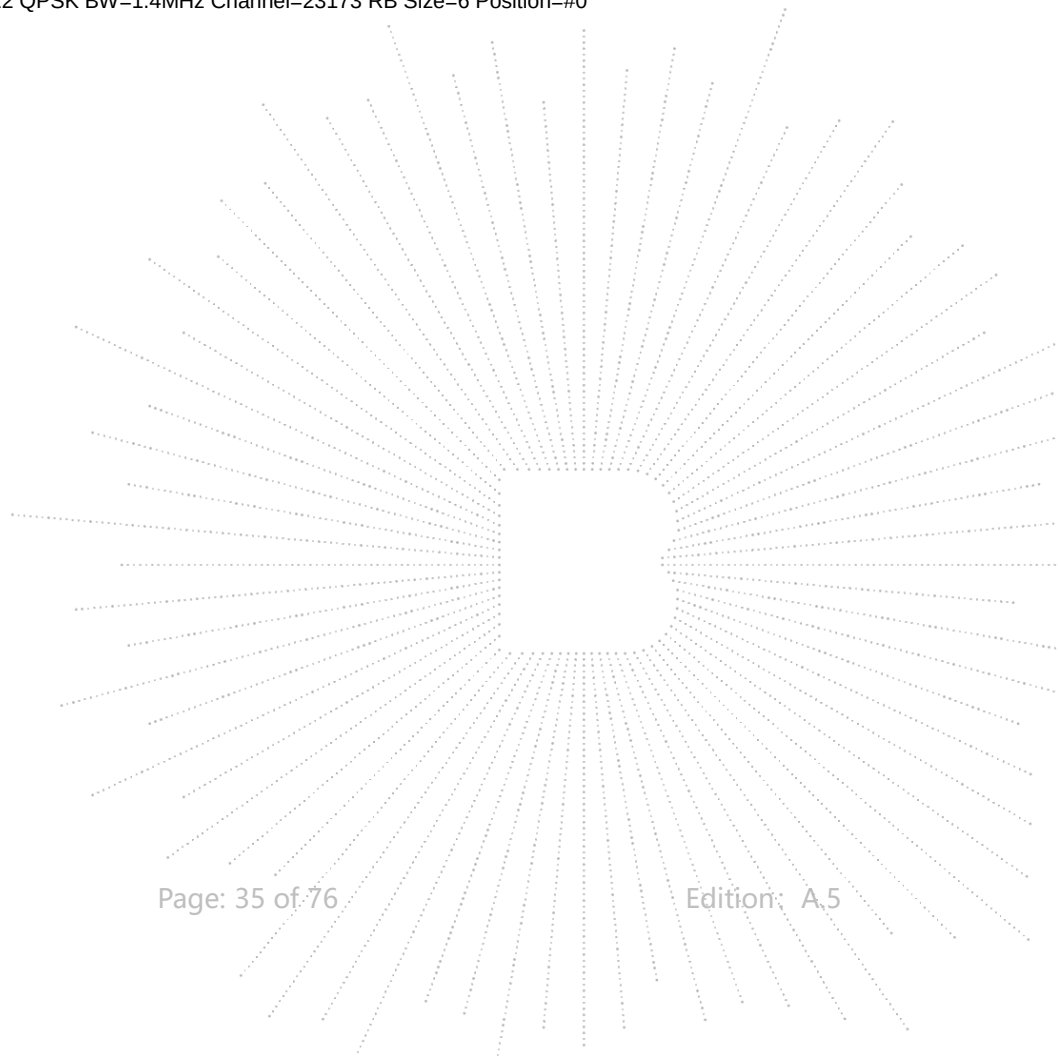


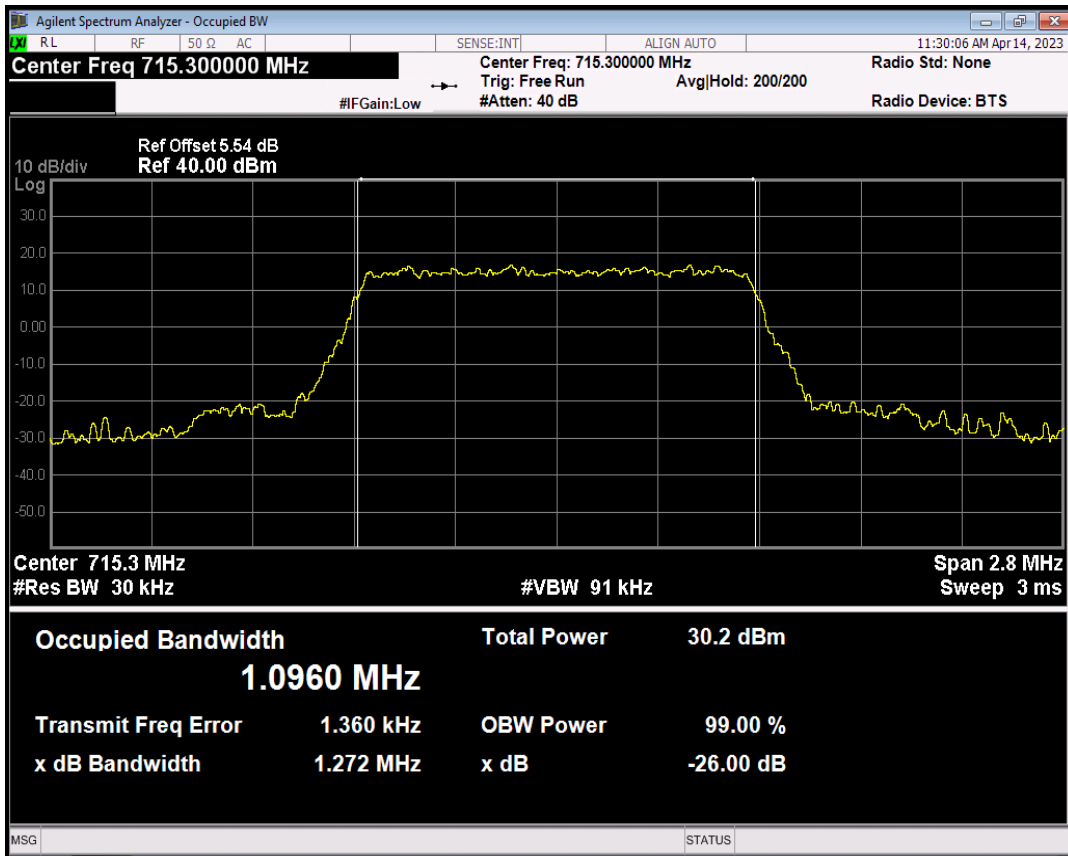


Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0

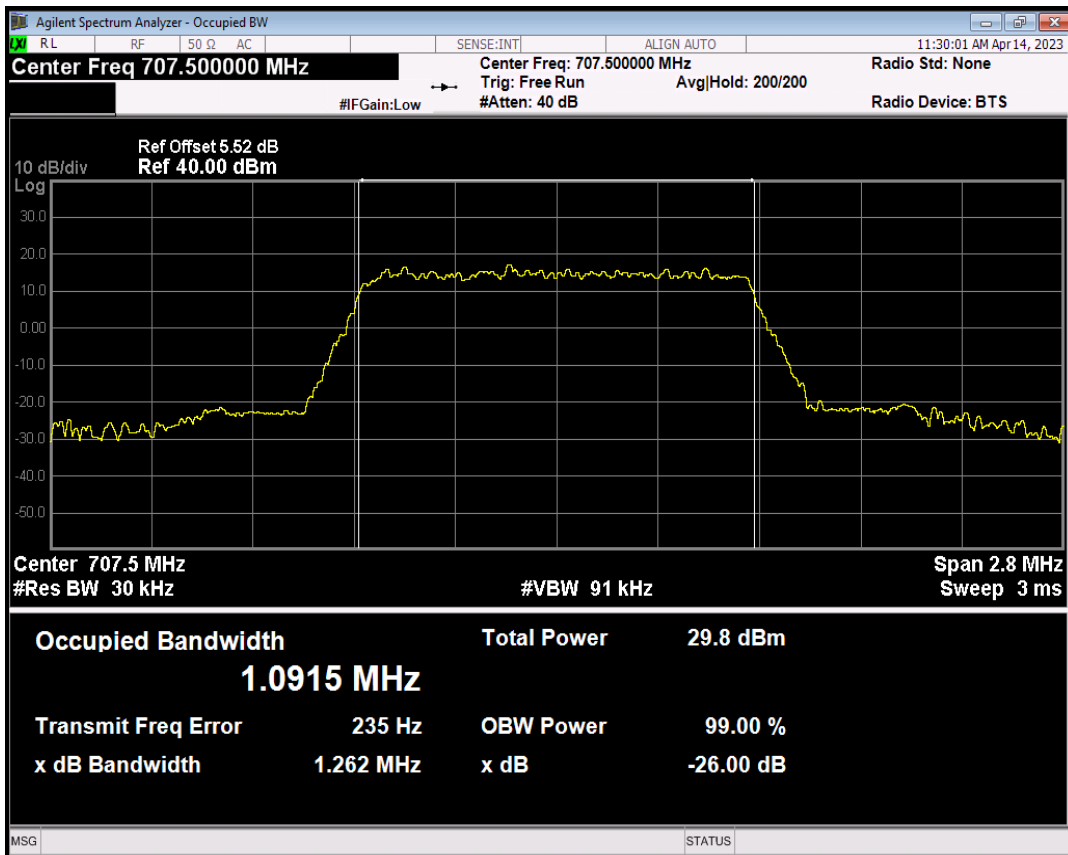


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



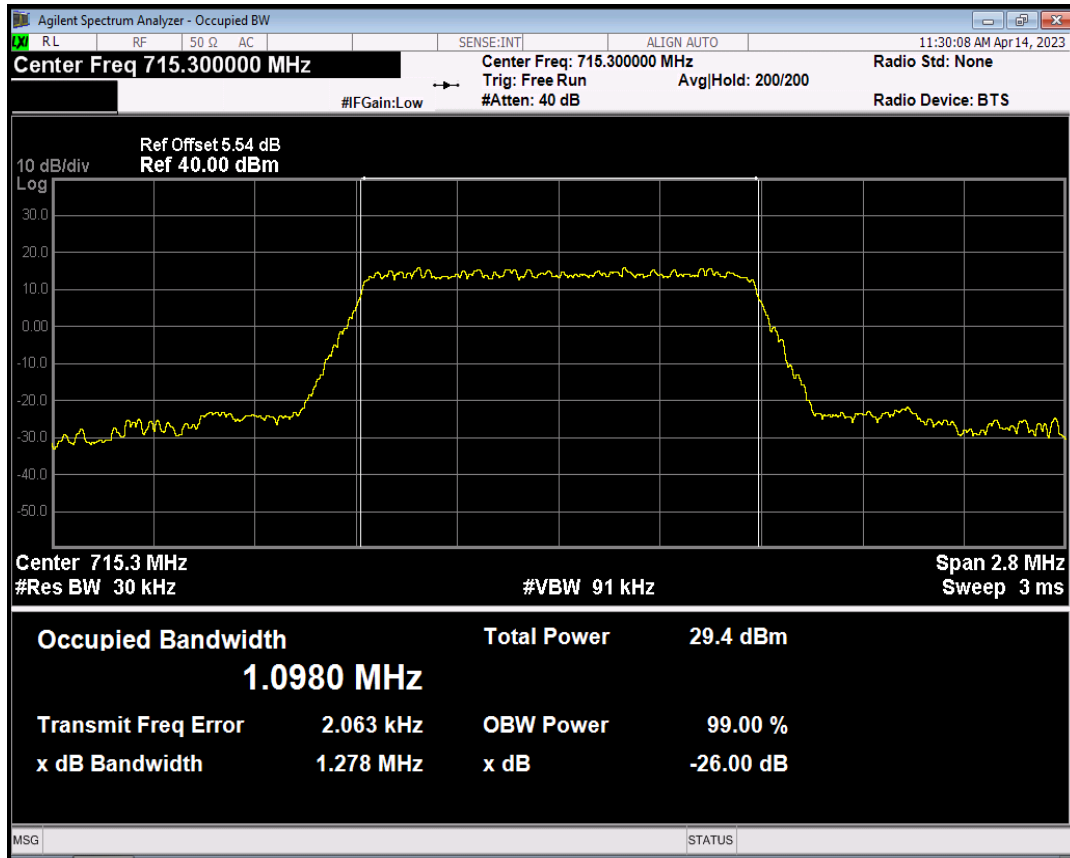


Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0

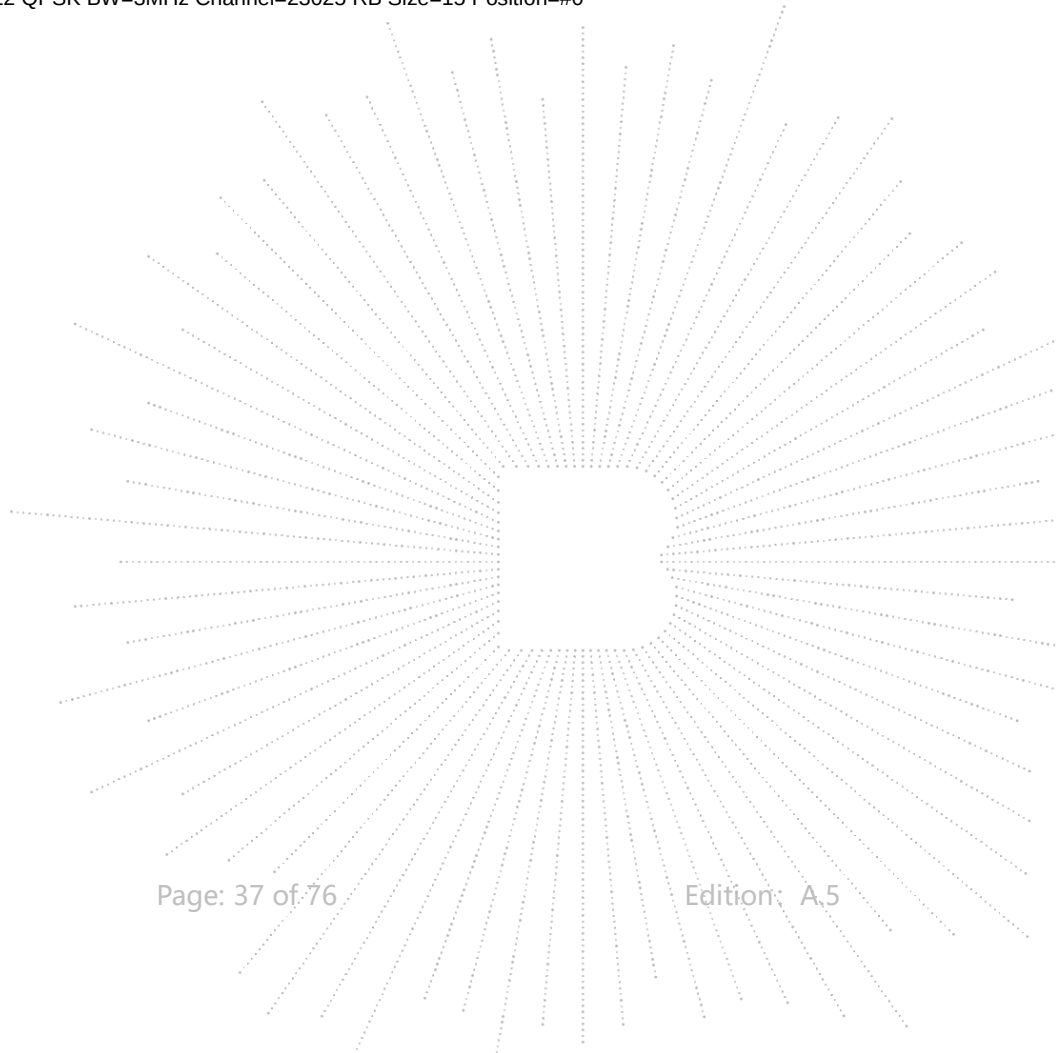


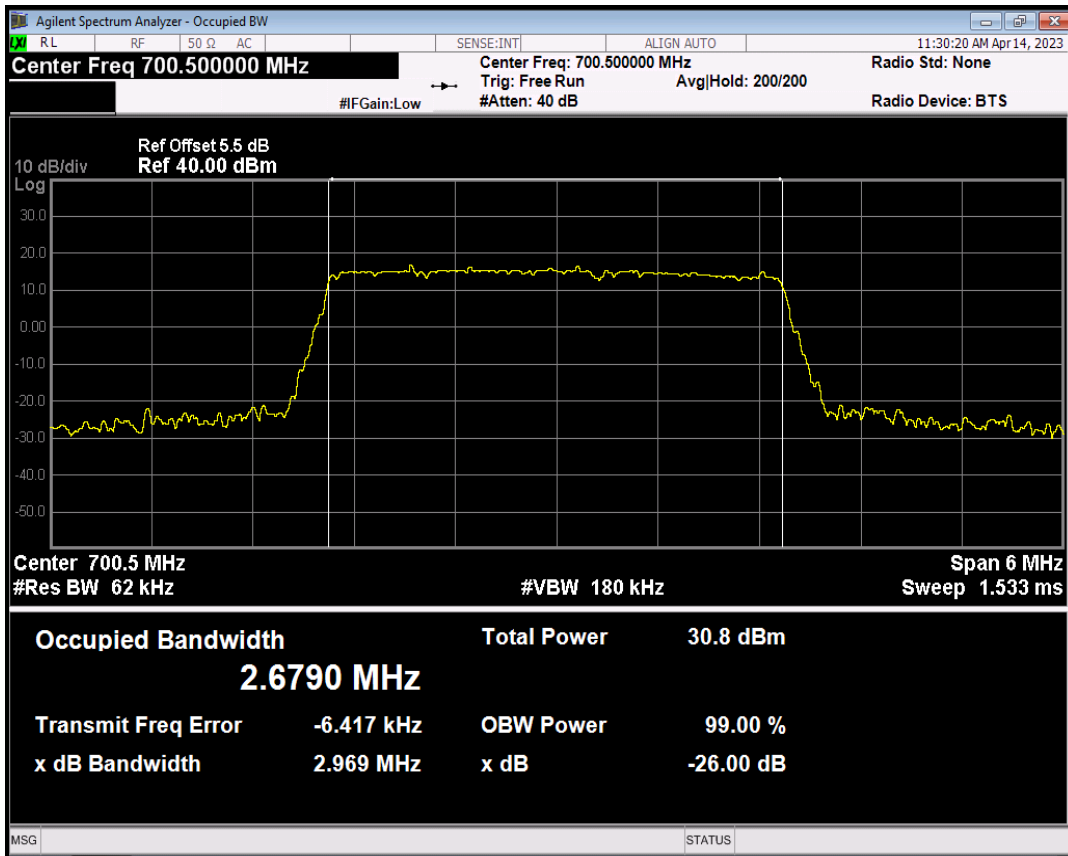


Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0

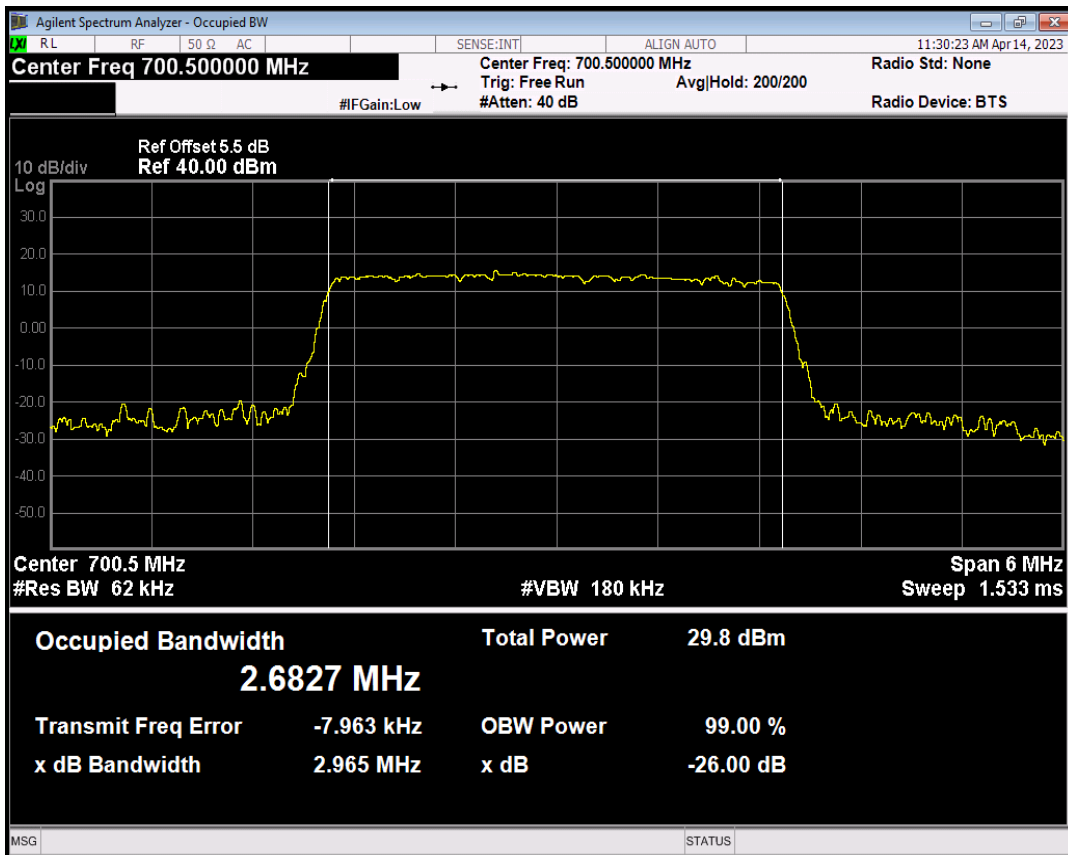


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



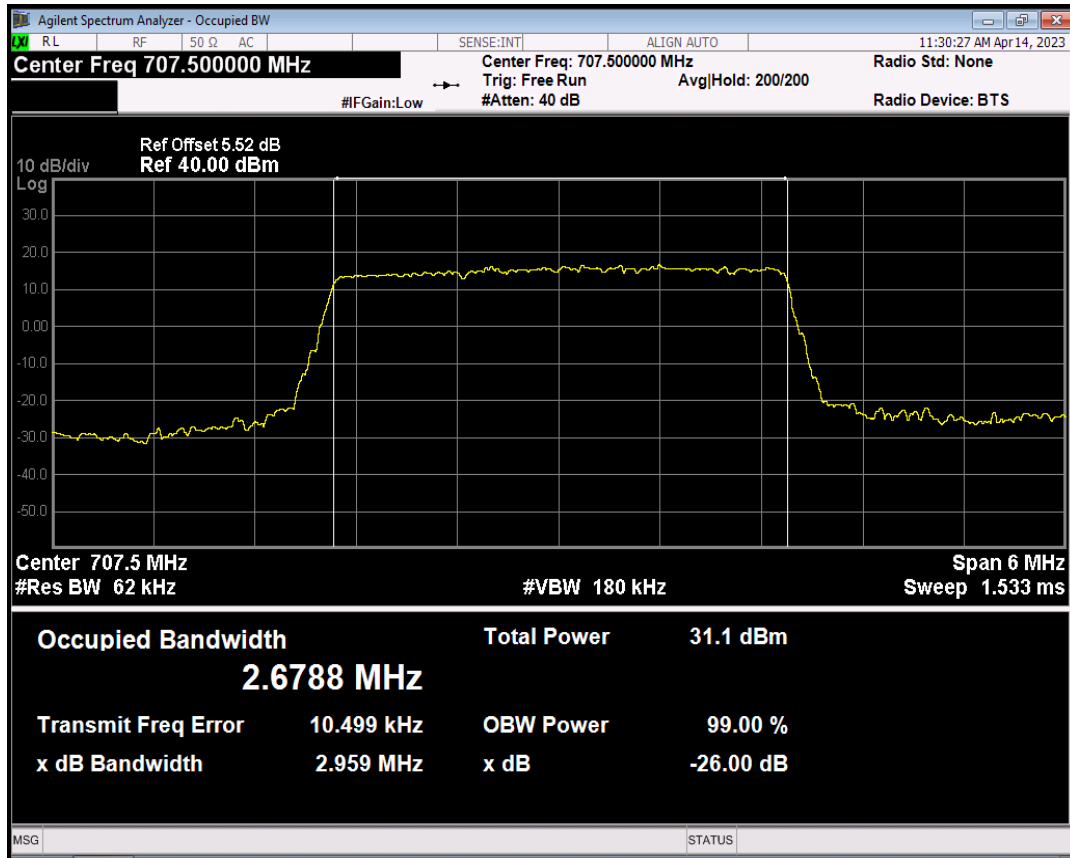


Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0

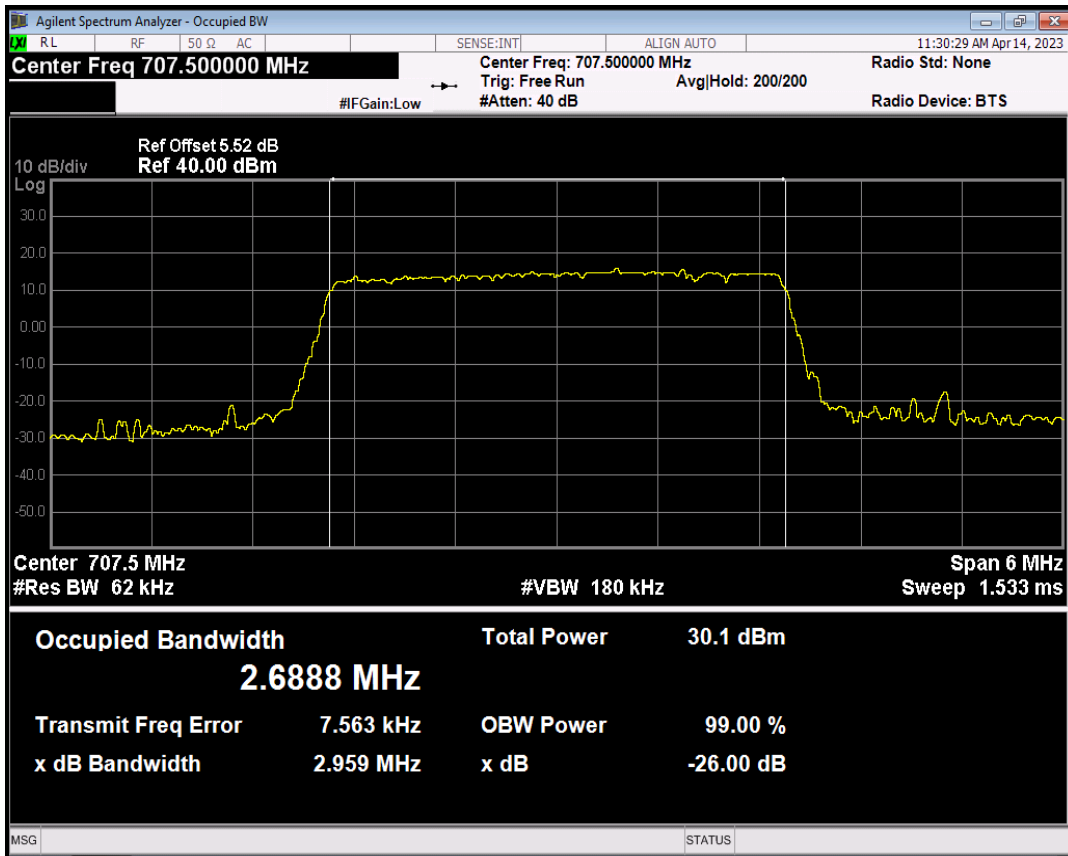




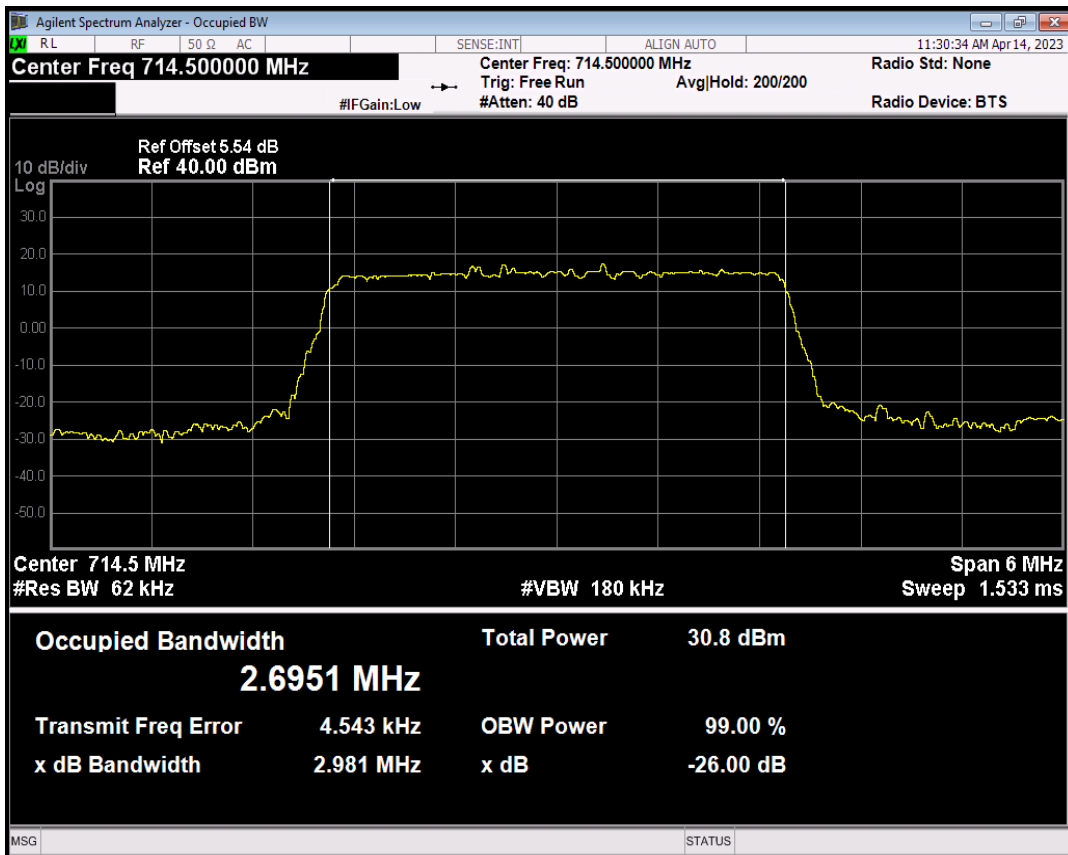
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



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

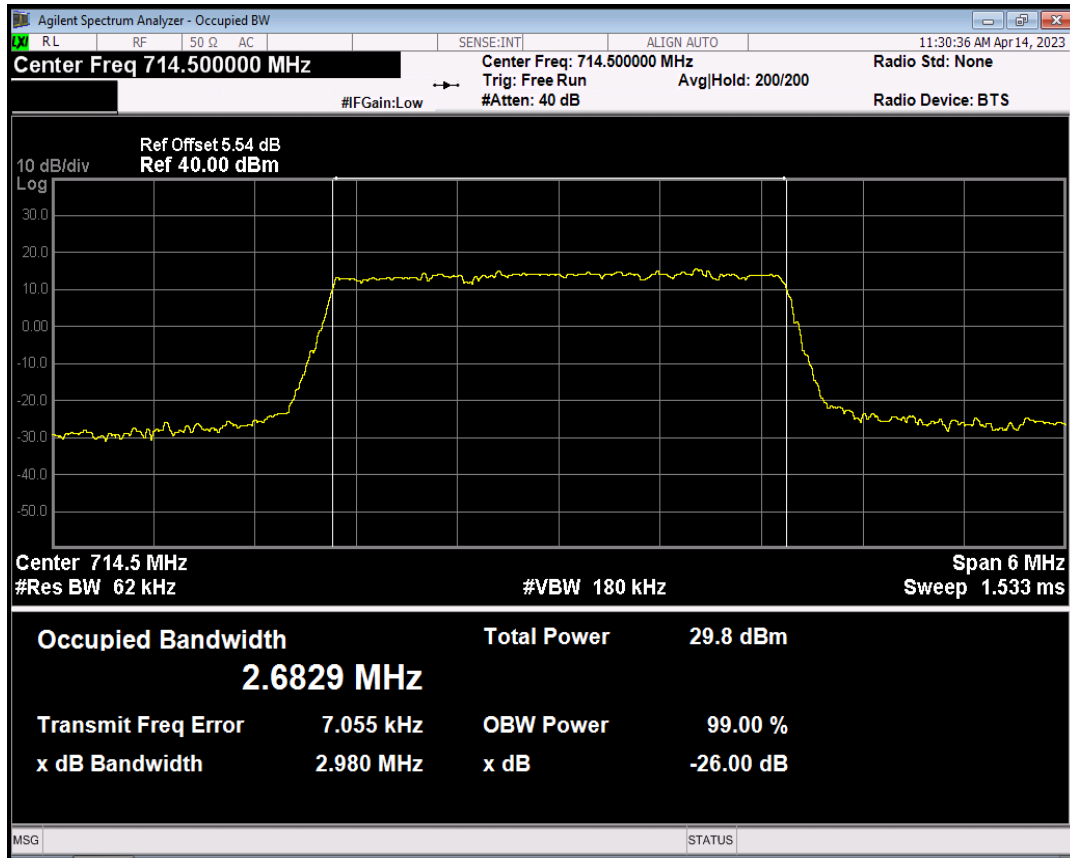


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

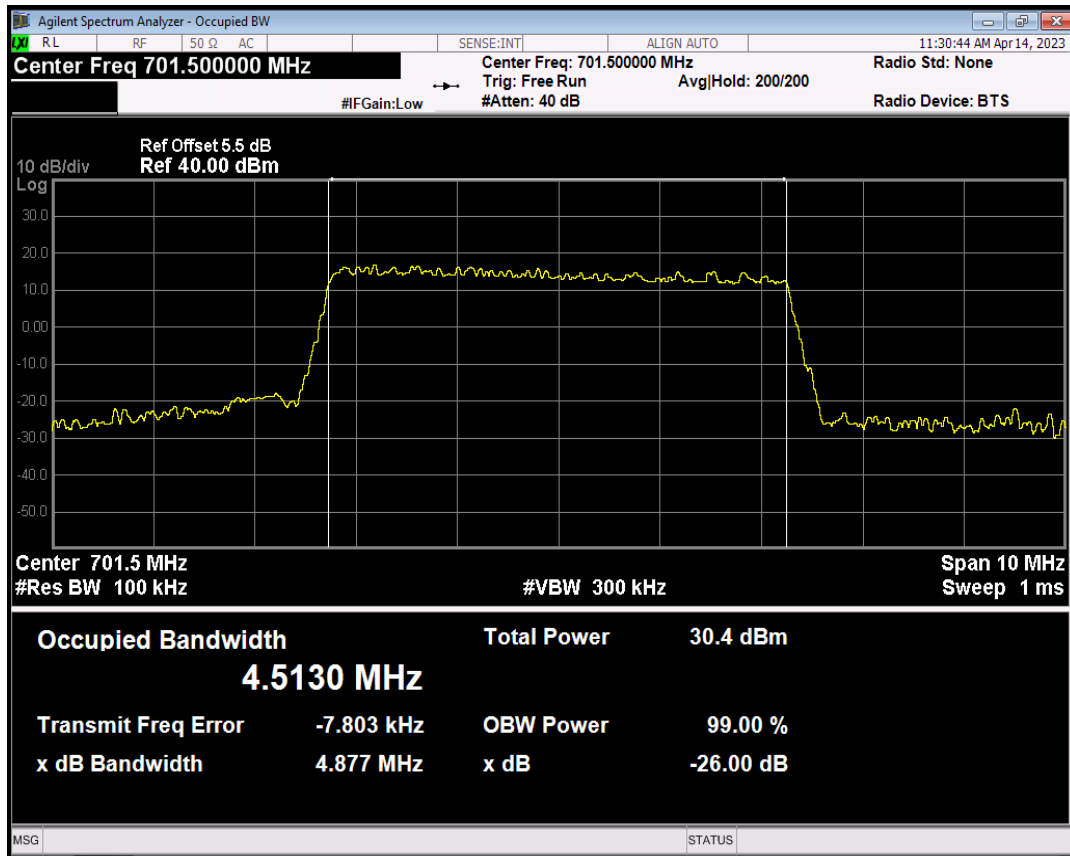




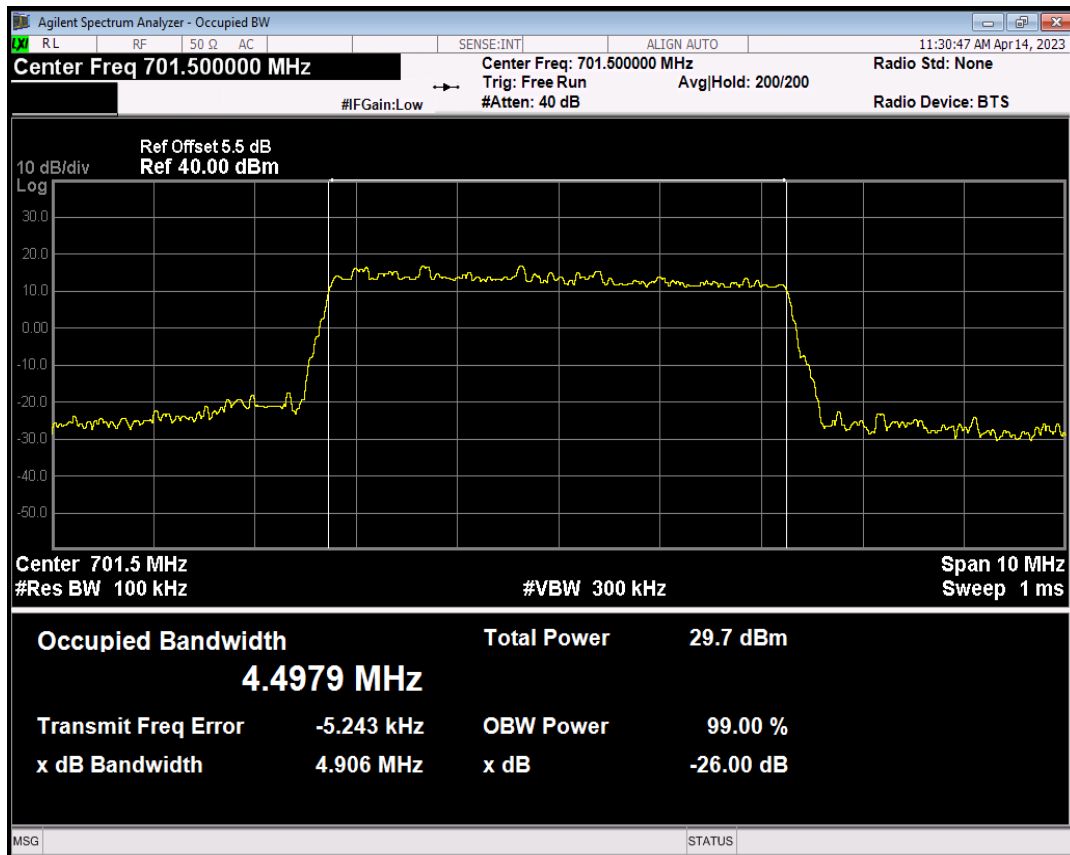
Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0



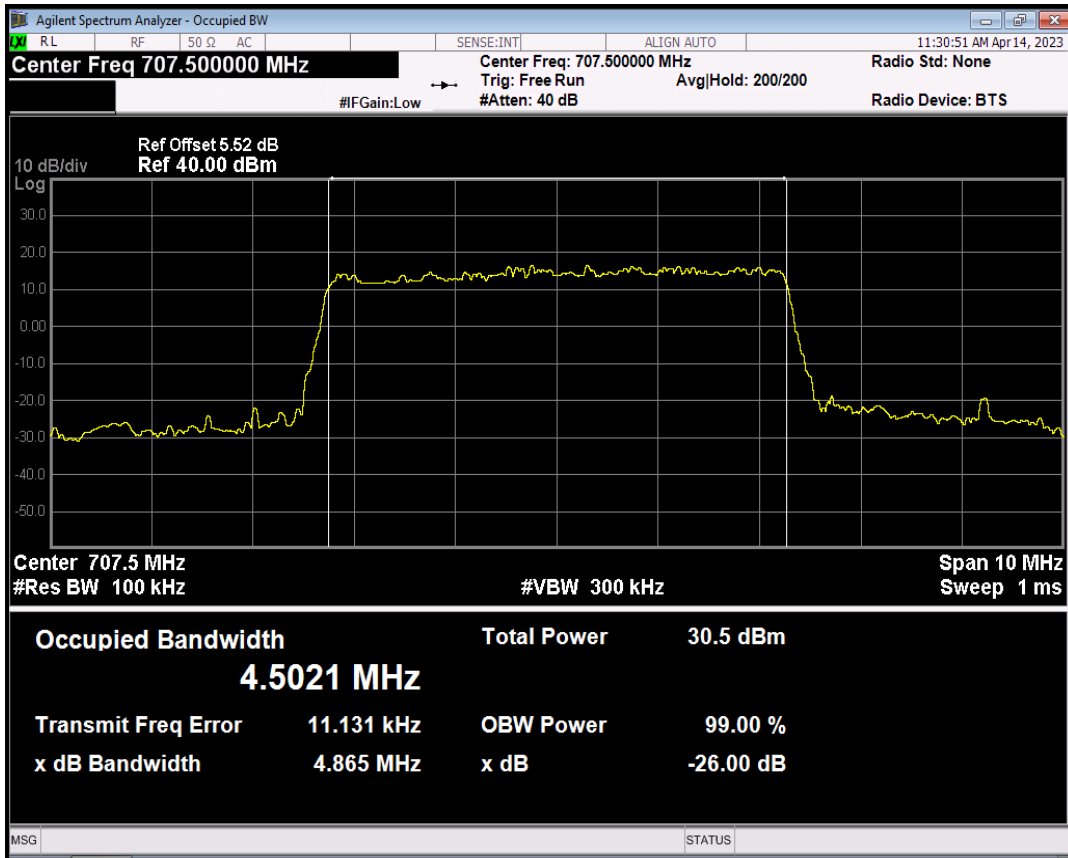
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



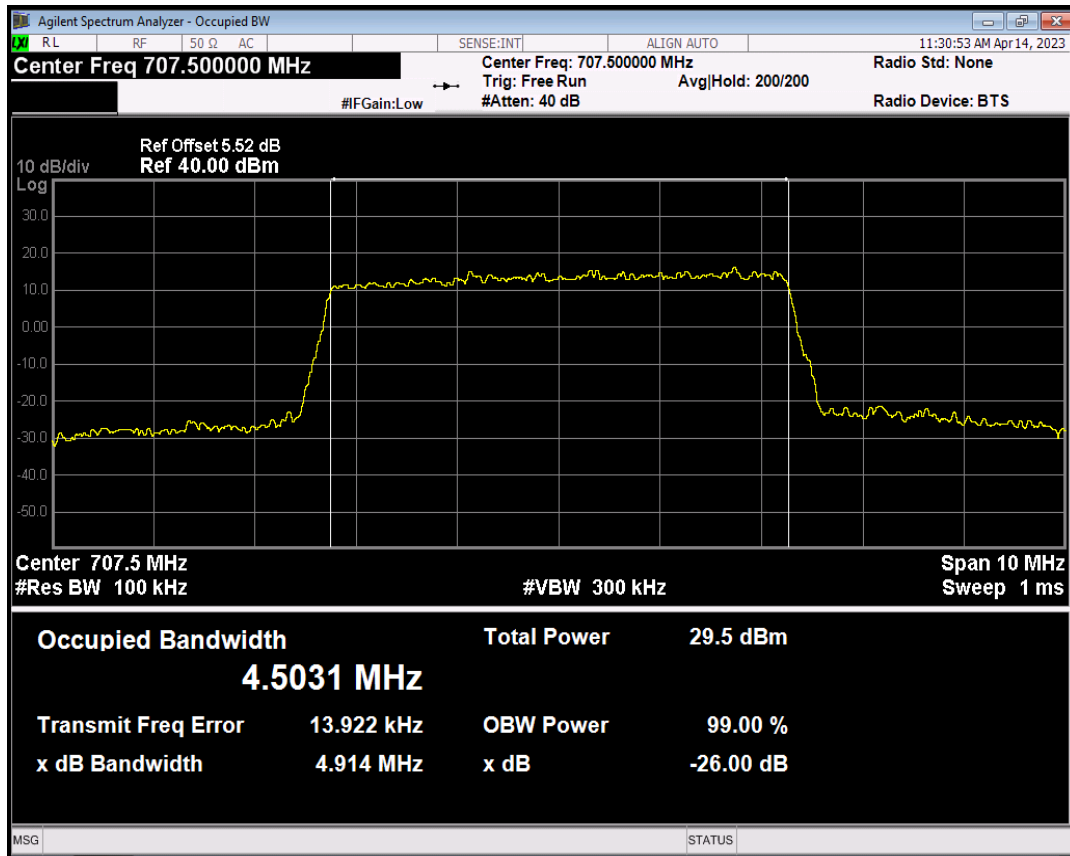
Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



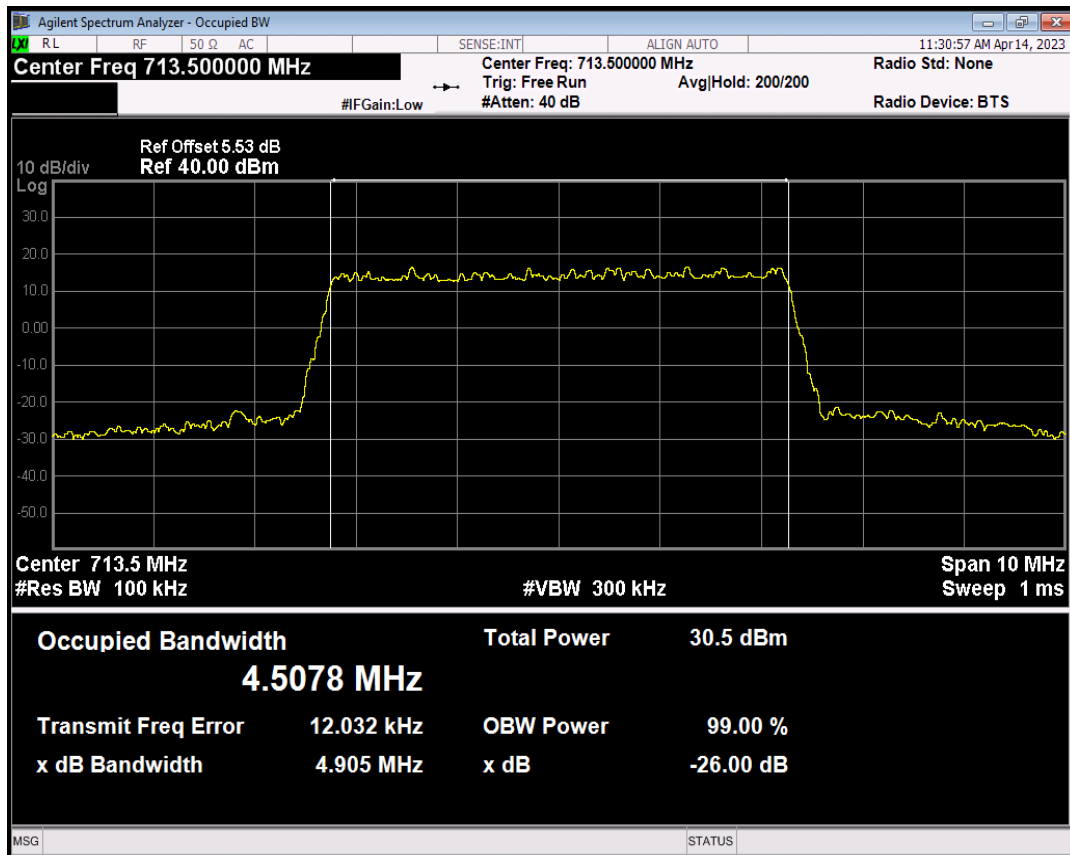
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



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

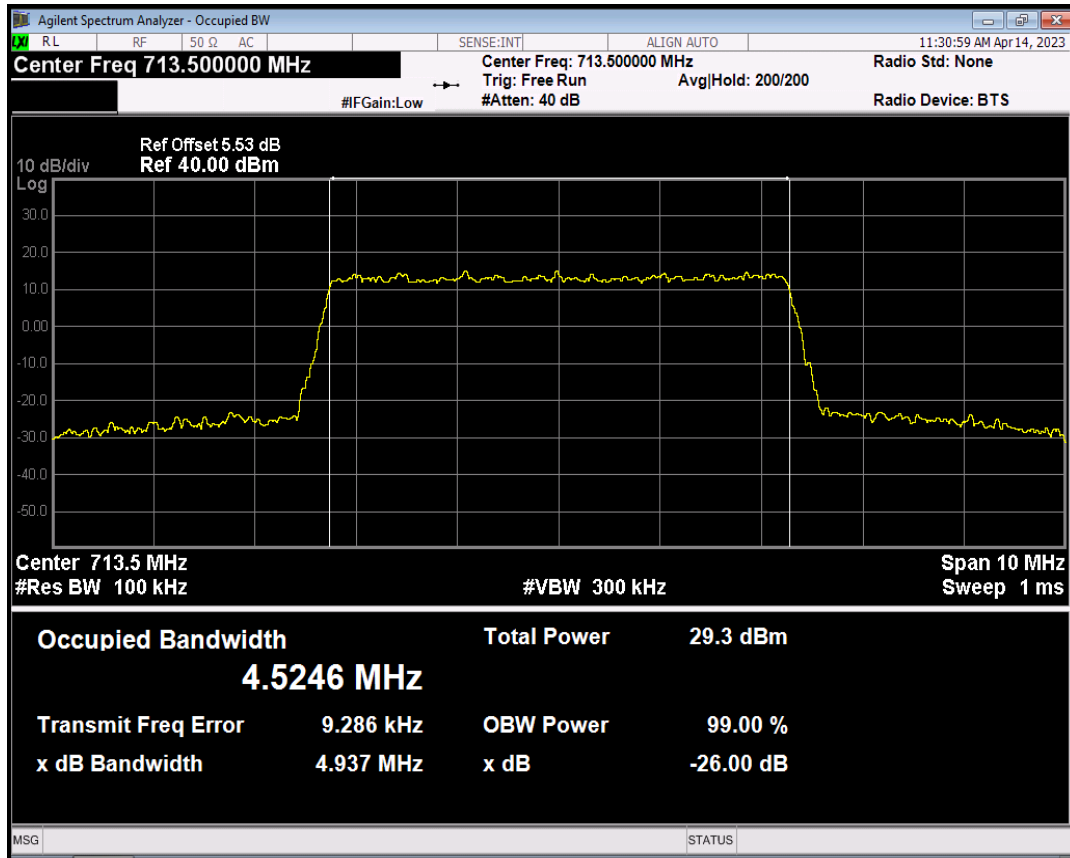


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

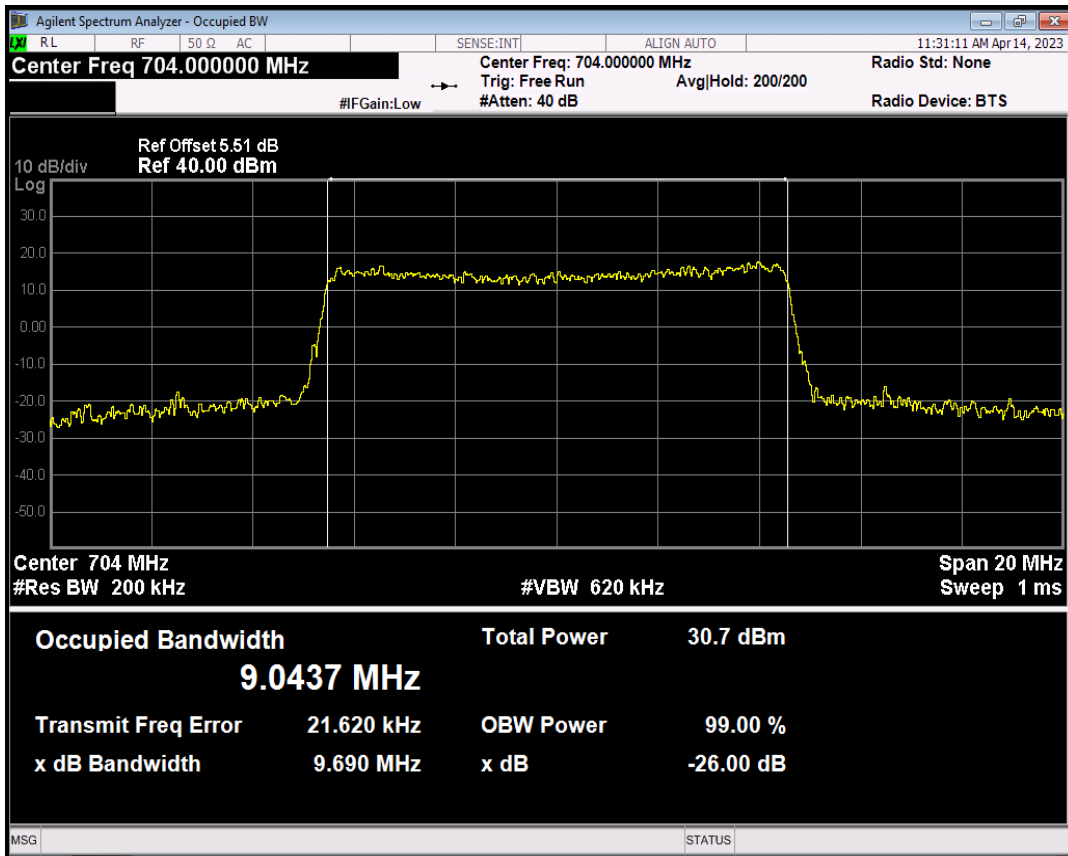




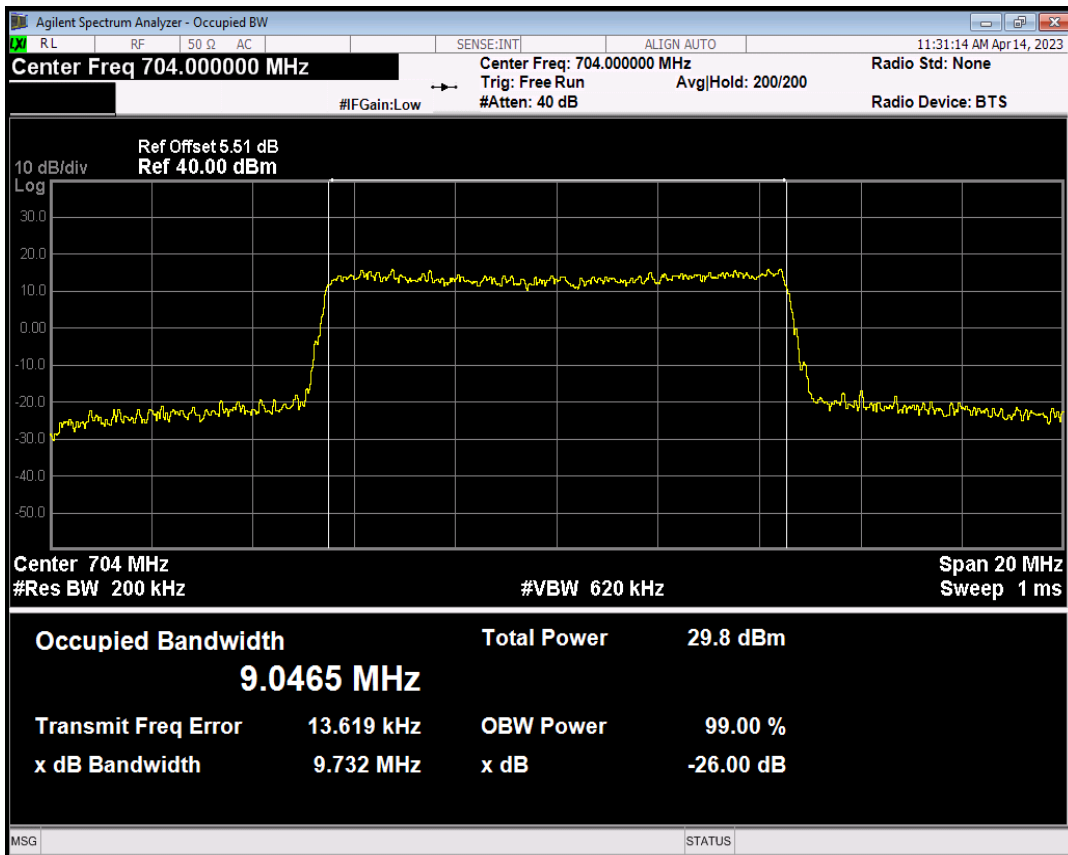
Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0



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

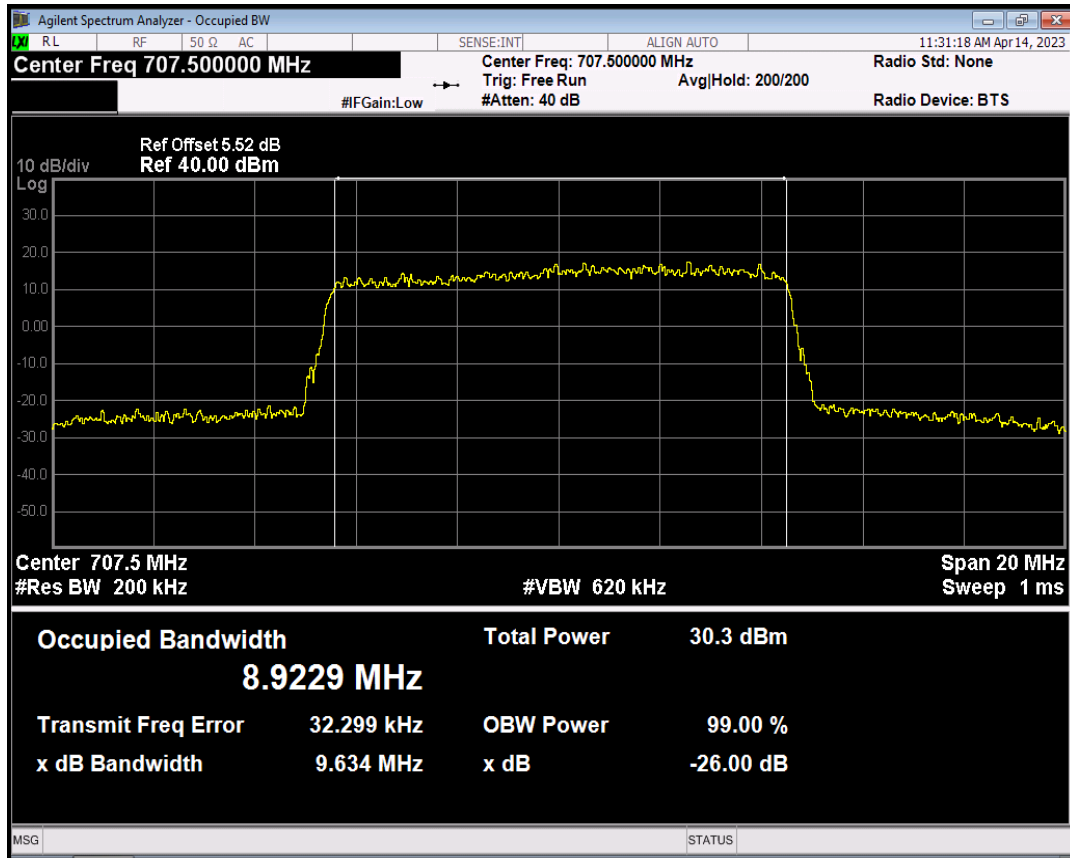


Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0

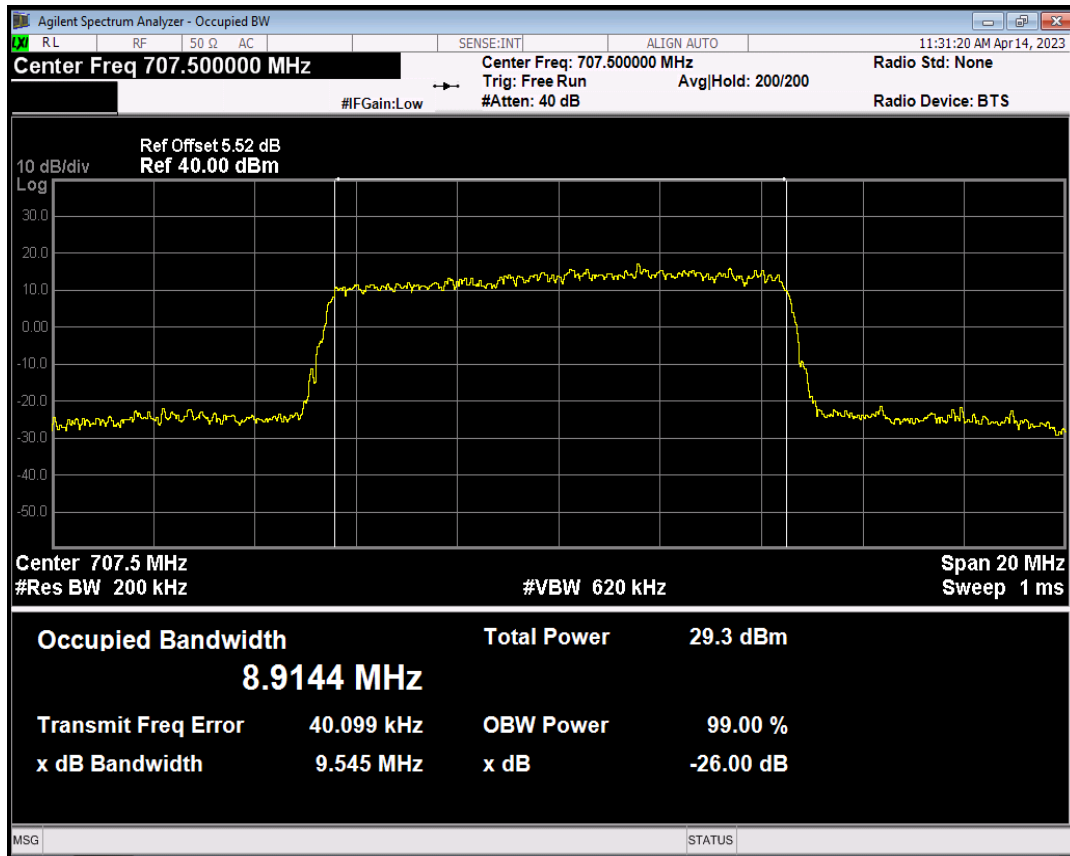




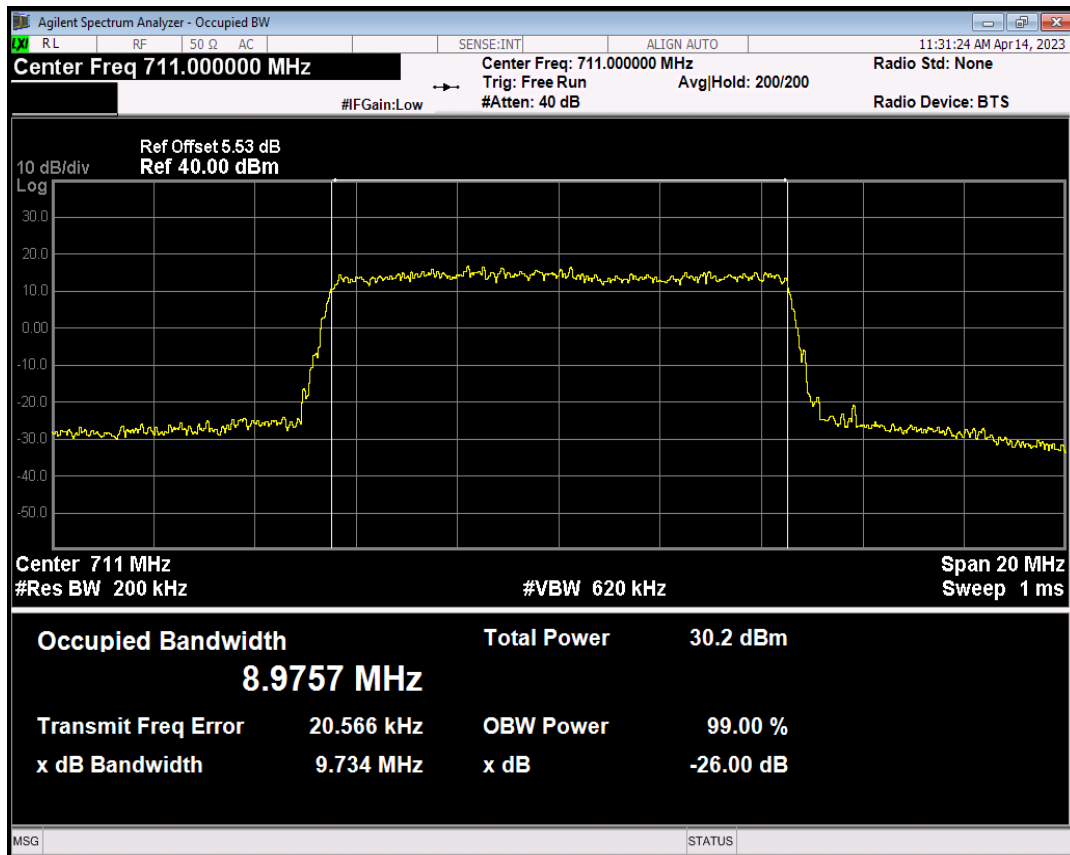
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



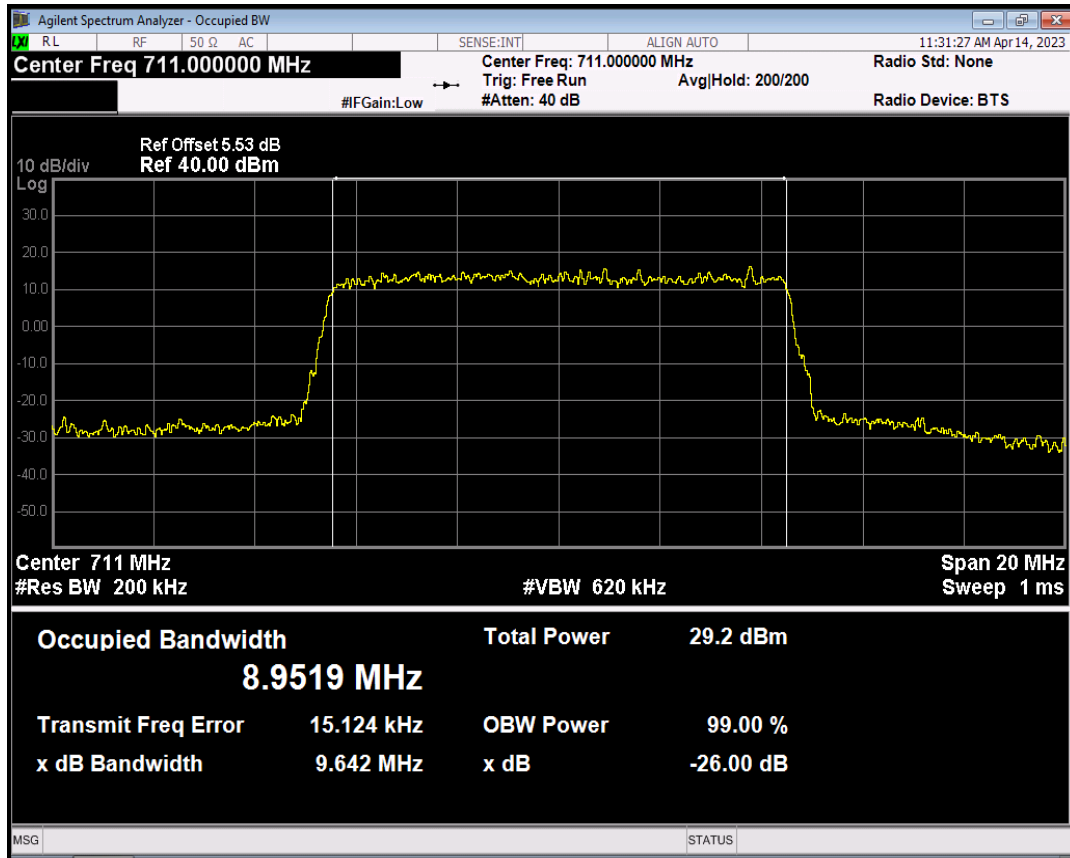
Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



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



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

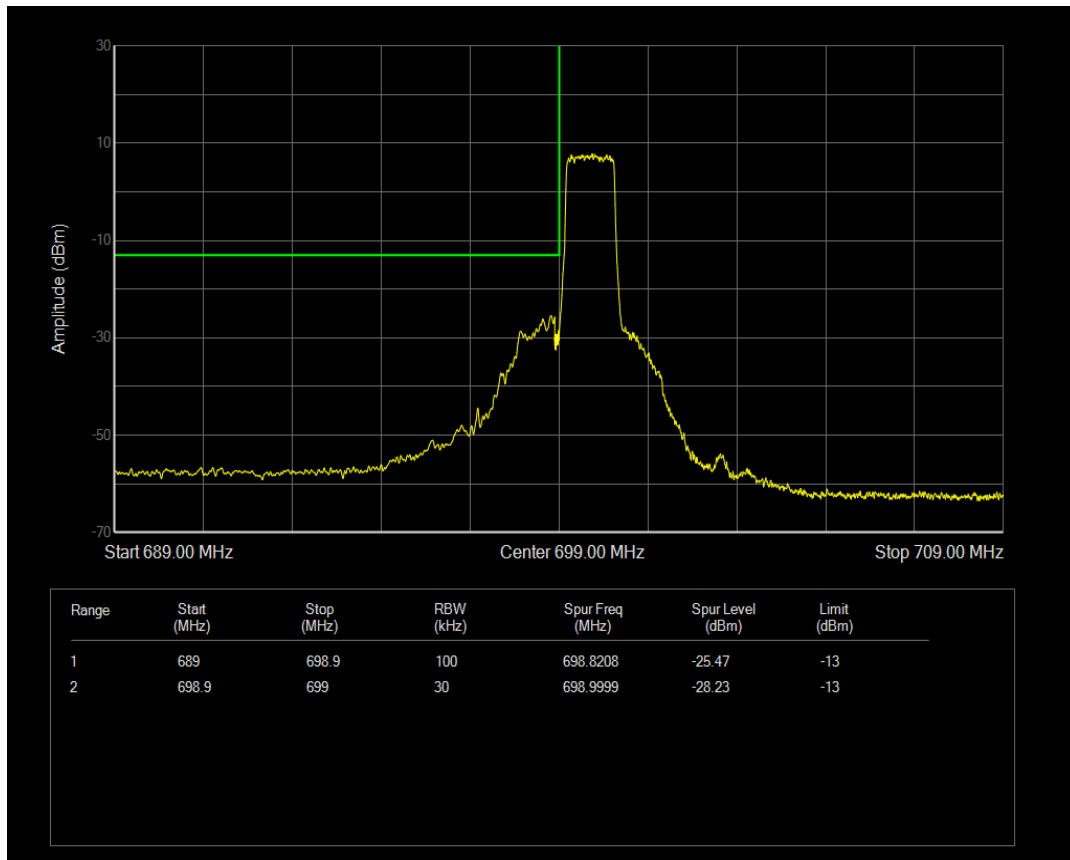


Appendix 5. Band edge

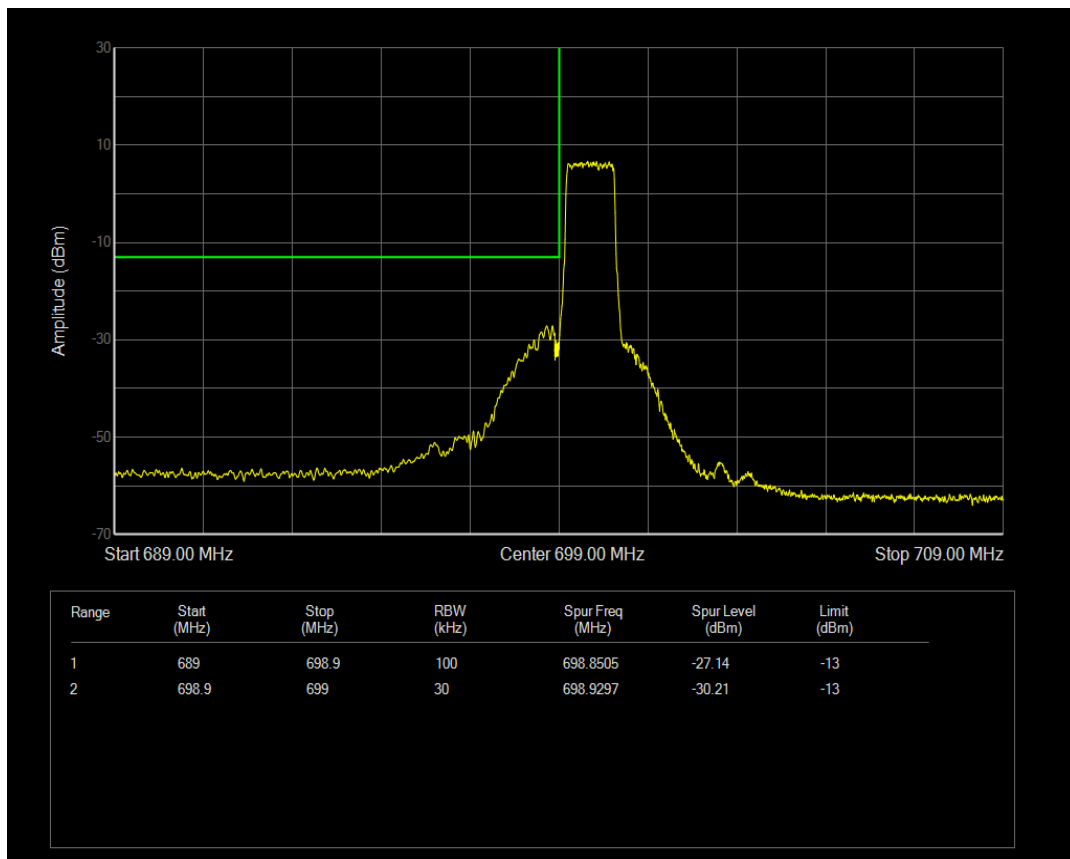
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.82	-25.47	-13	PASS
Band12	1.4	23017	6	#0	QAM16	698.85	-27.14	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.14	-27.29	-13	PASS
Band12	1.4	23173	6	#0	QAM16	716.13	-26.66	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-27.44	-13	PASS
Band12	3	23025	15	#0	QAM16	698.90	-29.07	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-27.07	-13	PASS
Band12	3	23165	15	#0	QAM16	716.12	-28.70	-13	PASS
Band12	5	23035	25	#0	QPSK	698.88	-28.57	-13	PASS
Band12	5	23035	25	#0	QAM16	698.39	-29.06	-13	PASS
Band12	5	23155	25	#0	QPSK	716.59	-30.60	-13	PASS
Band12	5	23155	25	#0	QAM16	716.17	-31.64	-13	PASS
Band12	10	23060	50	#0	QPSK	698.60	-28.89	-13	PASS
Band12	10	23060	50	#0	QAM16	698.65	-31.98	-13	PASS
Band12	10	23130	50	#0	QPSK	716.29	-33.89	-13	PASS

Band12	10	23130	50	#0	QAM16	716.26	-35.18	-13	PASS
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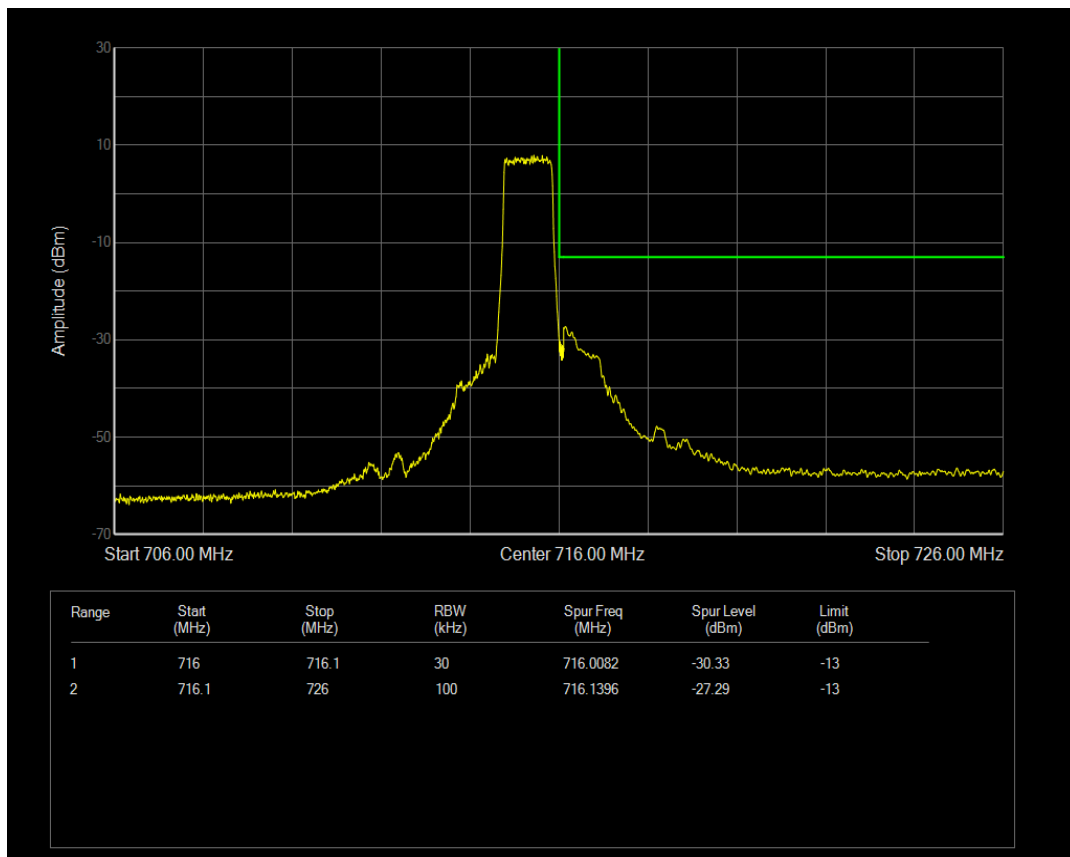
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



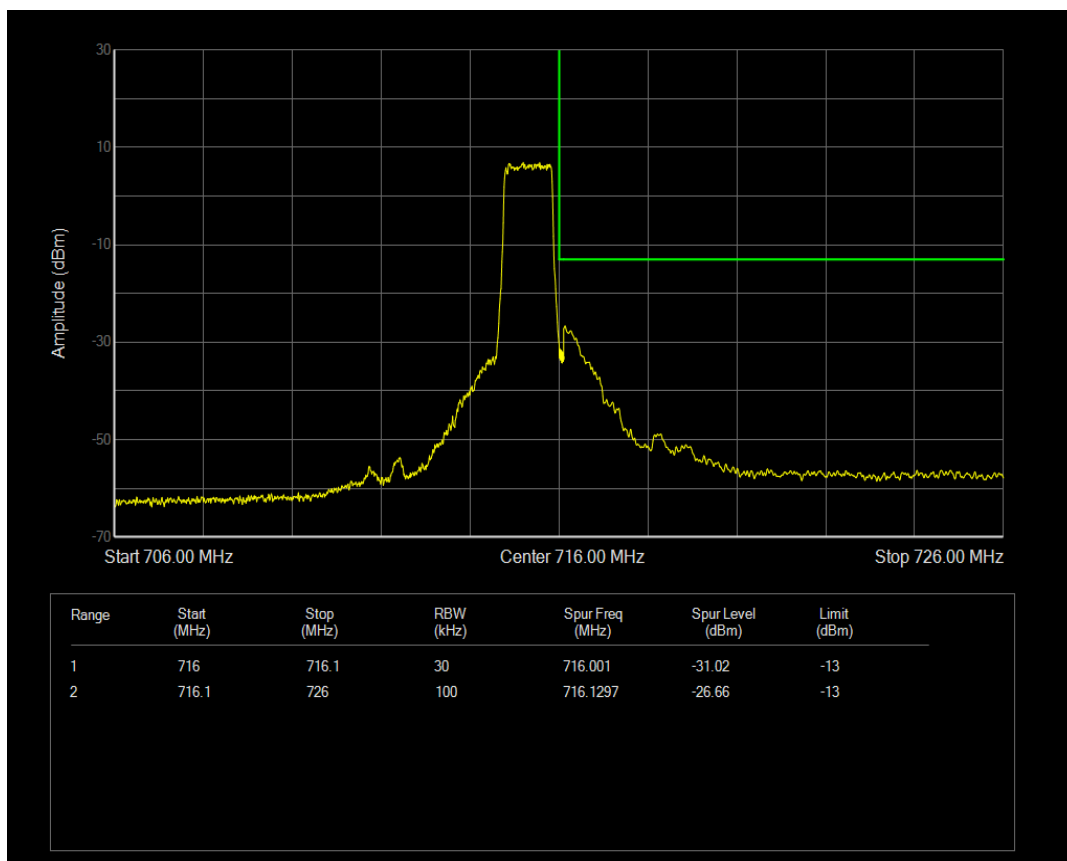
Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



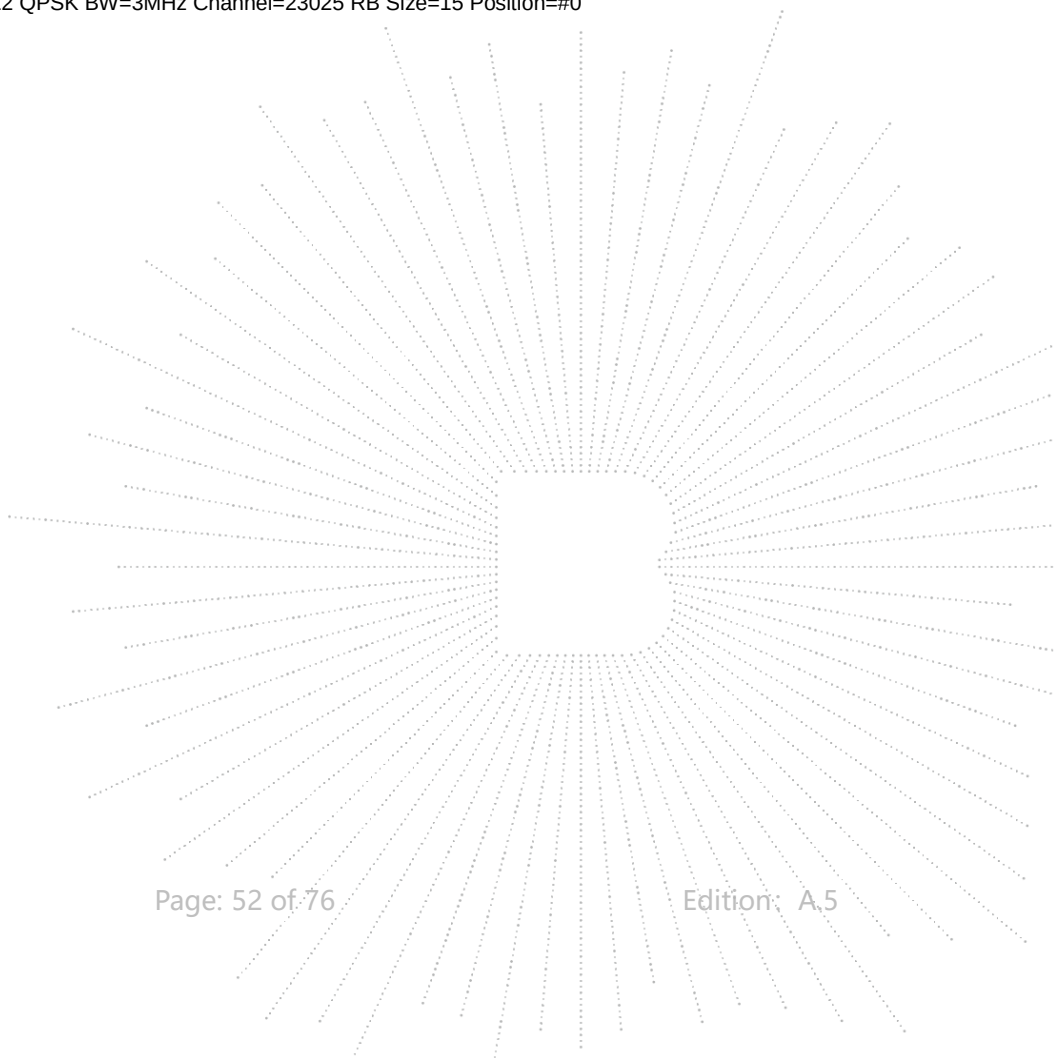
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0

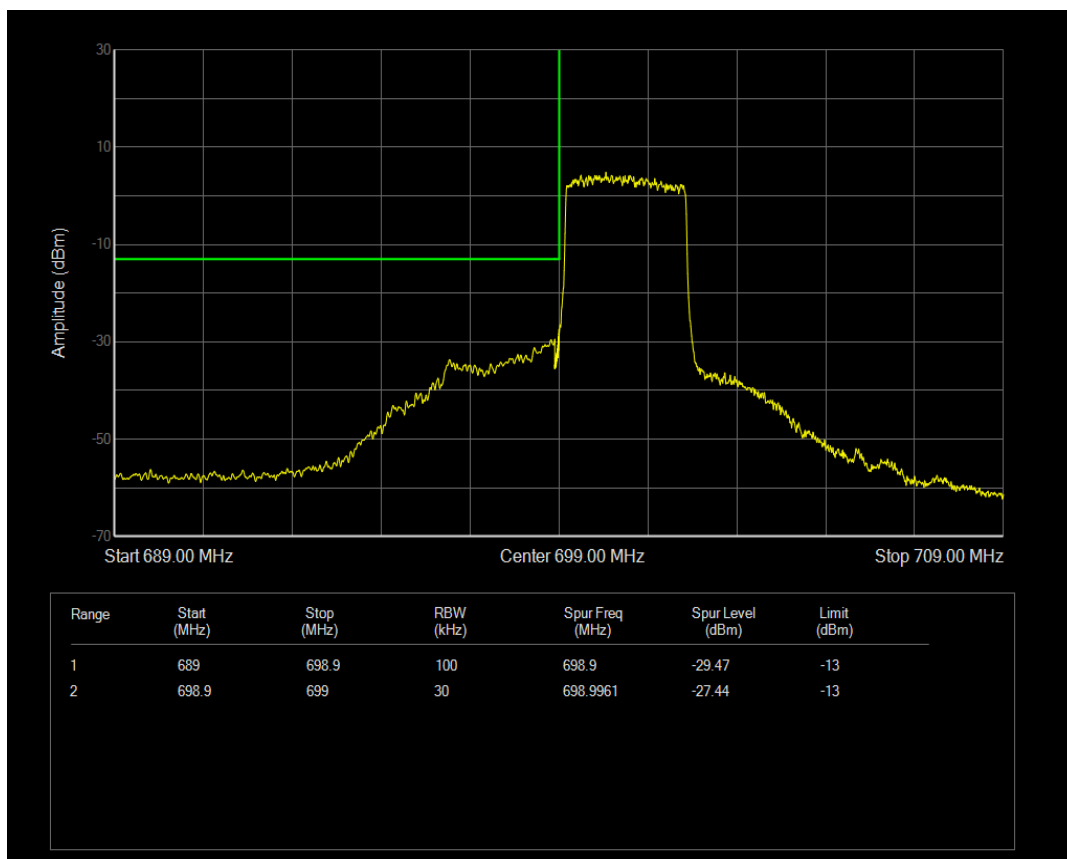


Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0

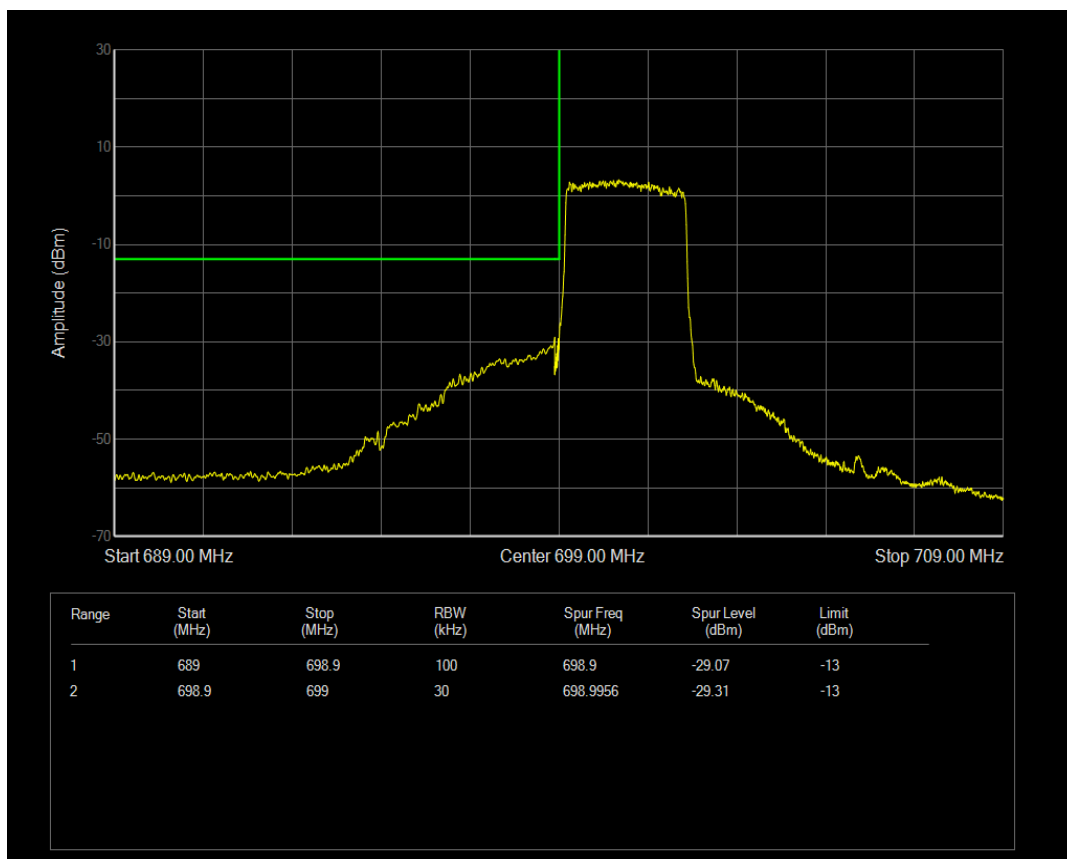


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0

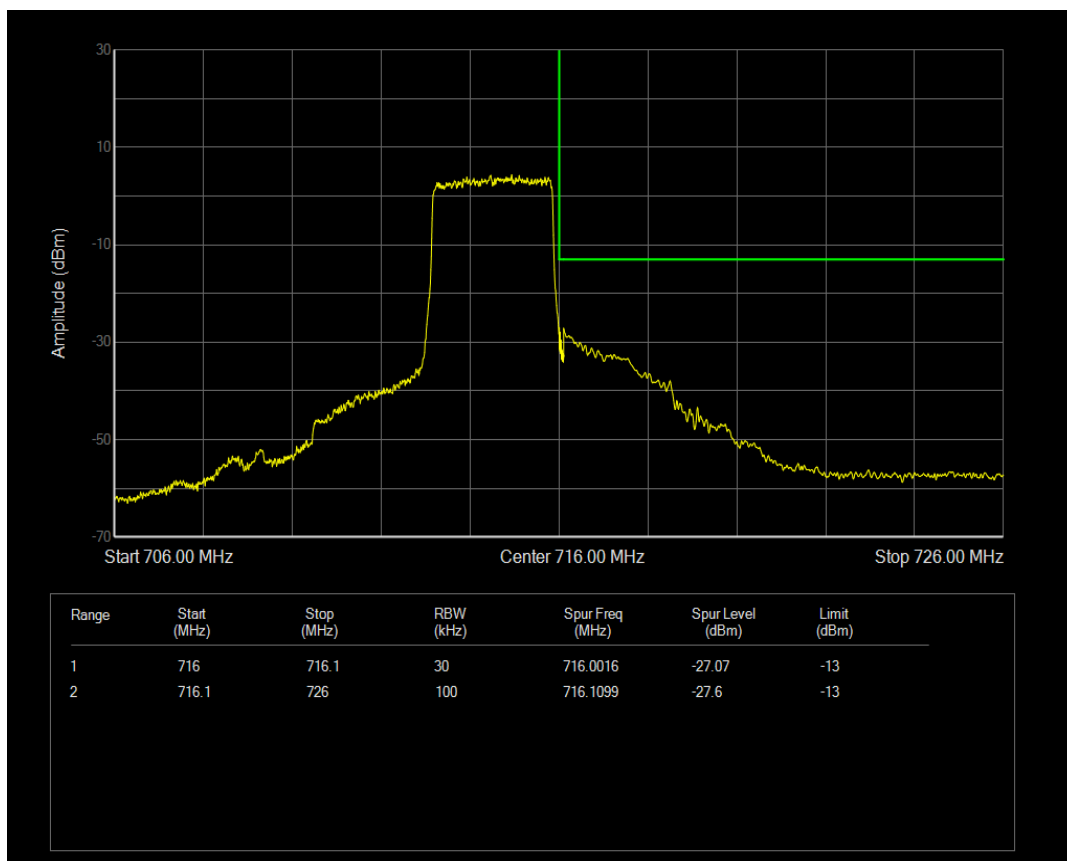




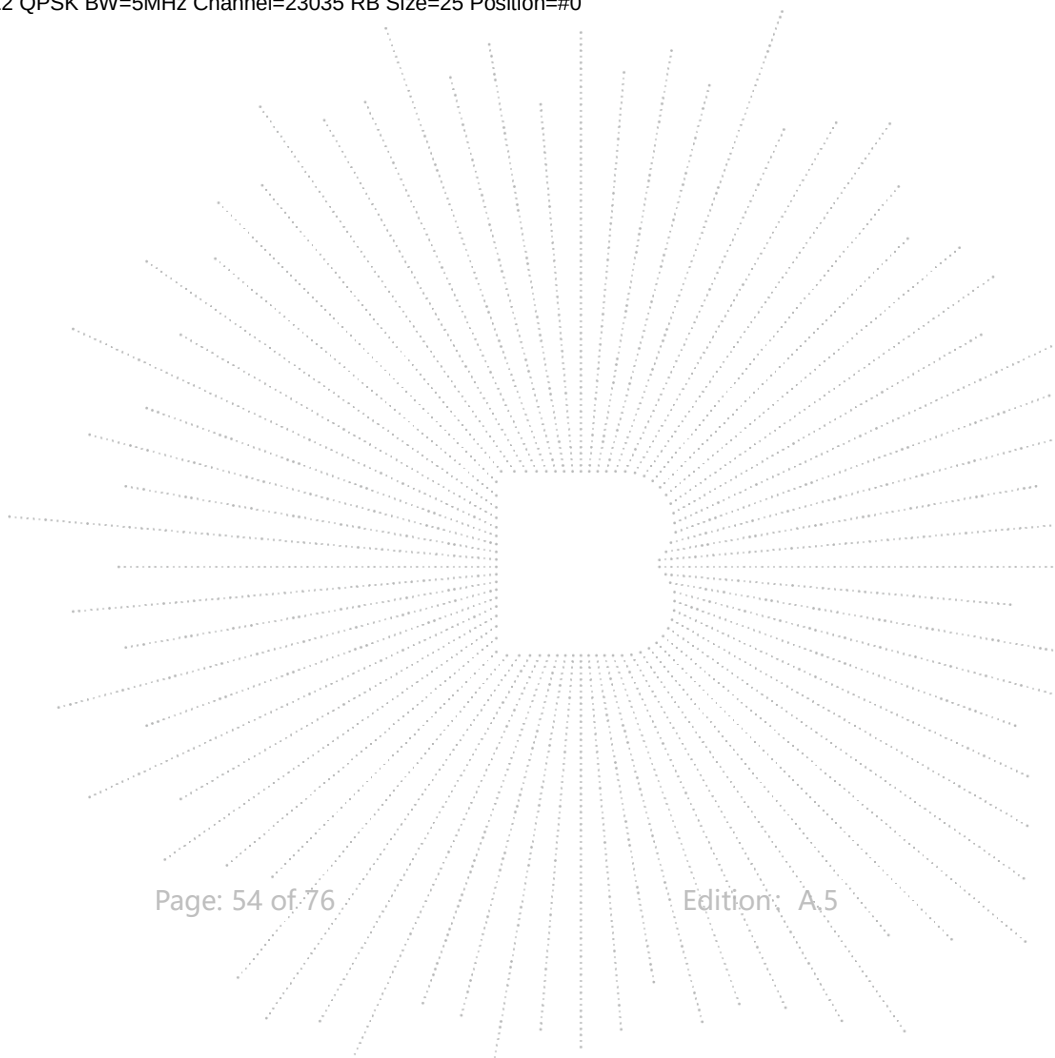
Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0

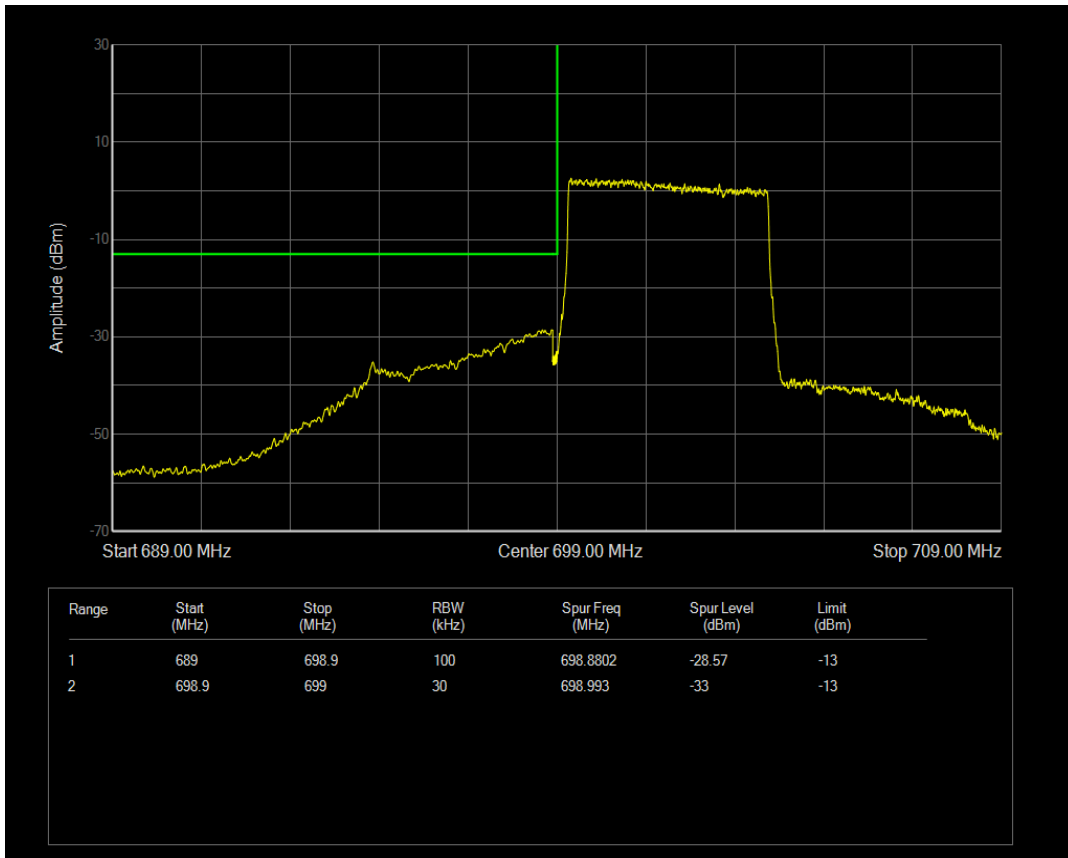


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

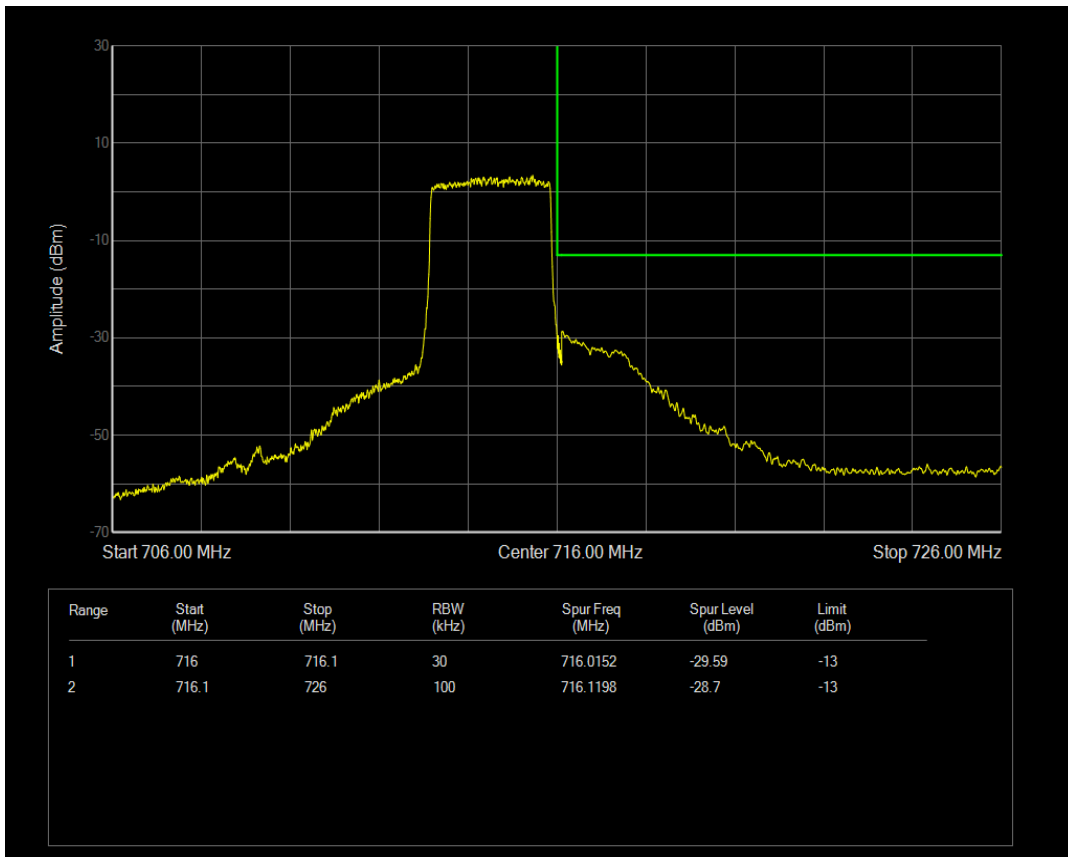


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



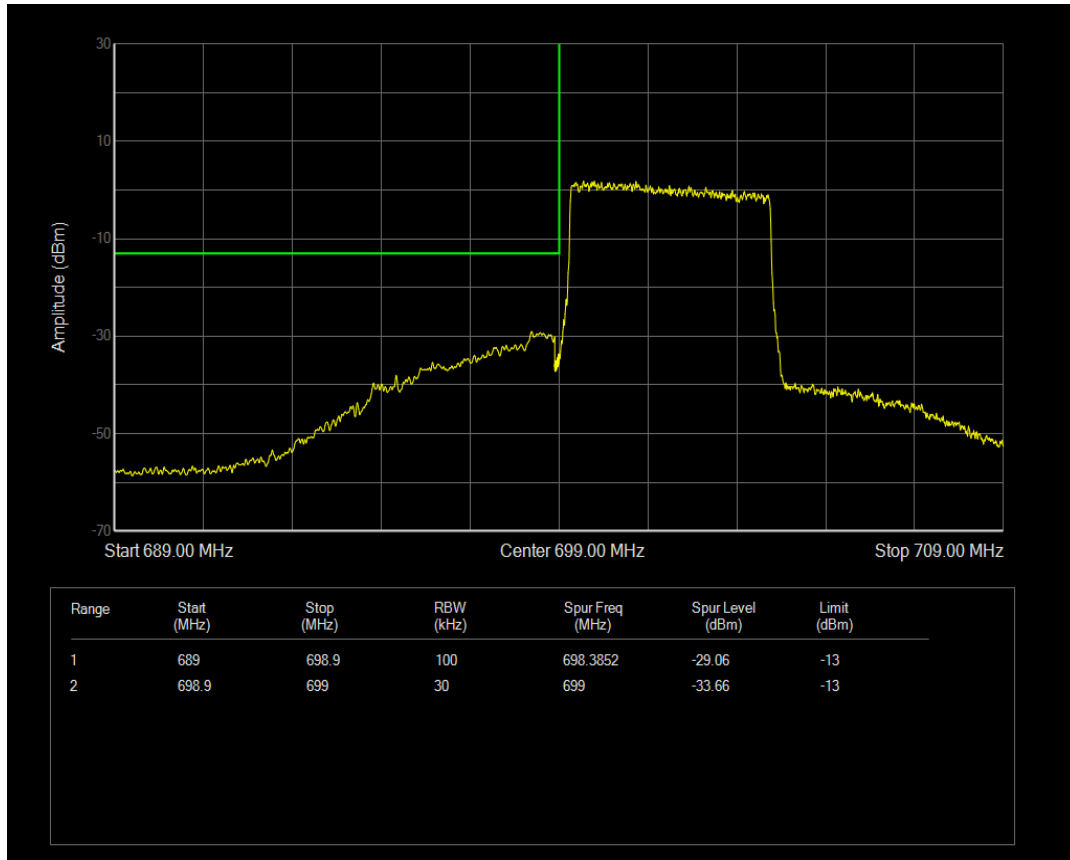


Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0

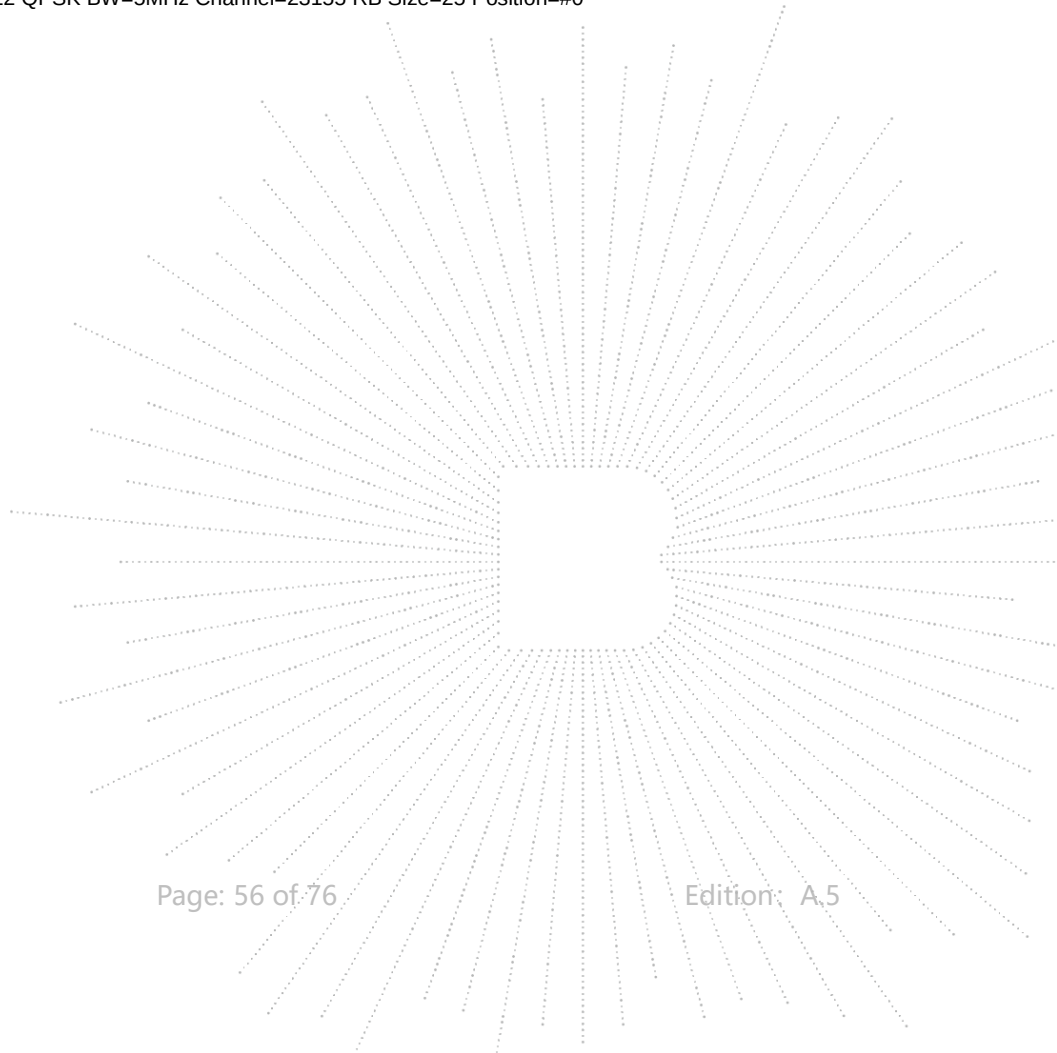


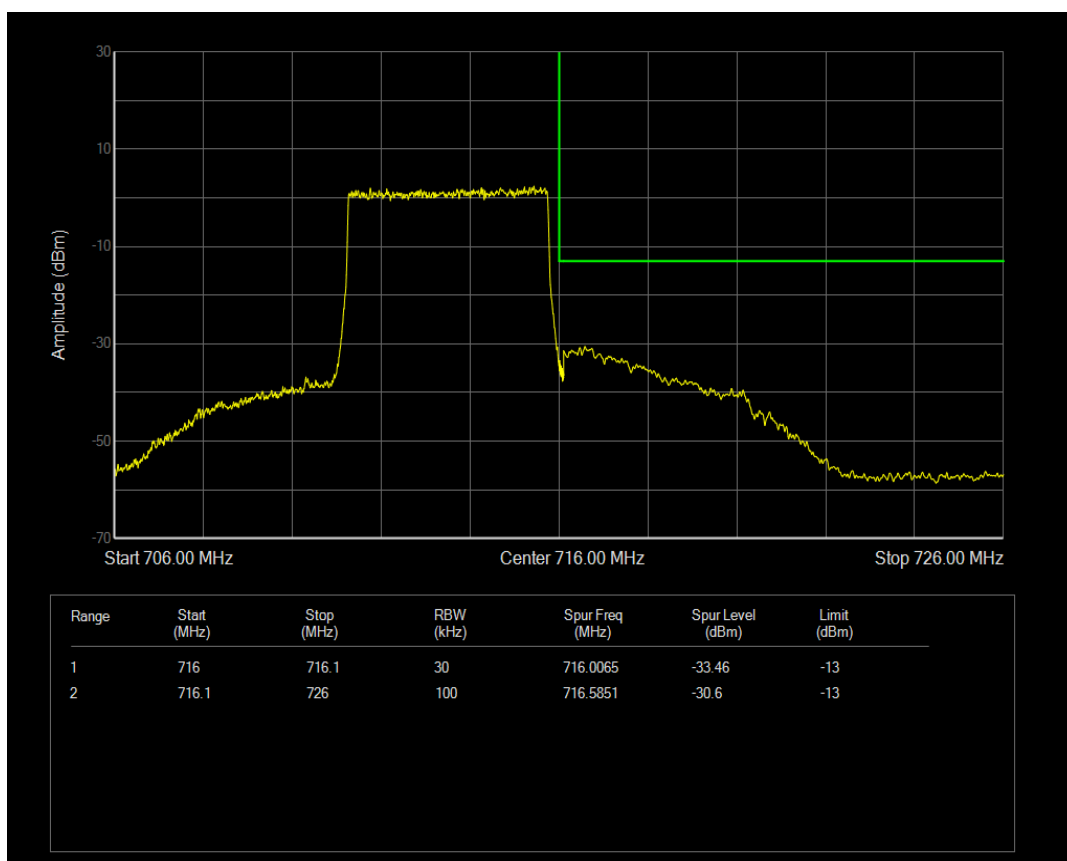


Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0

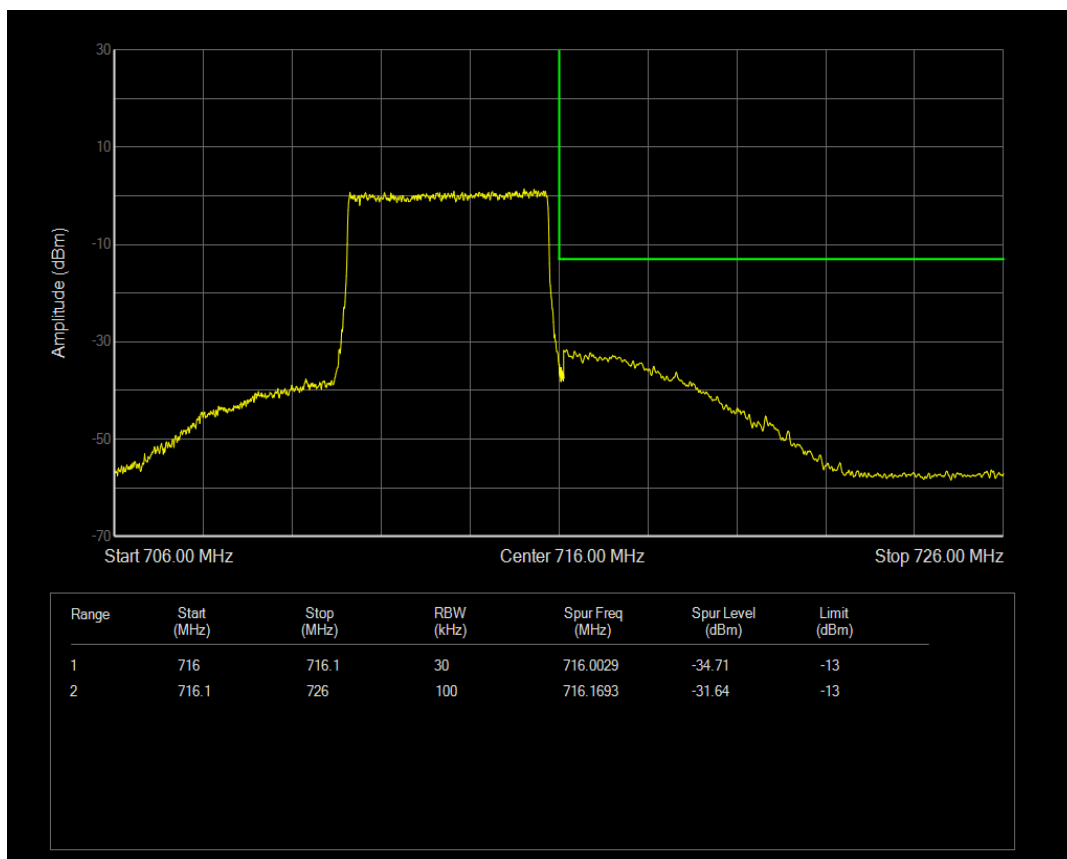


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



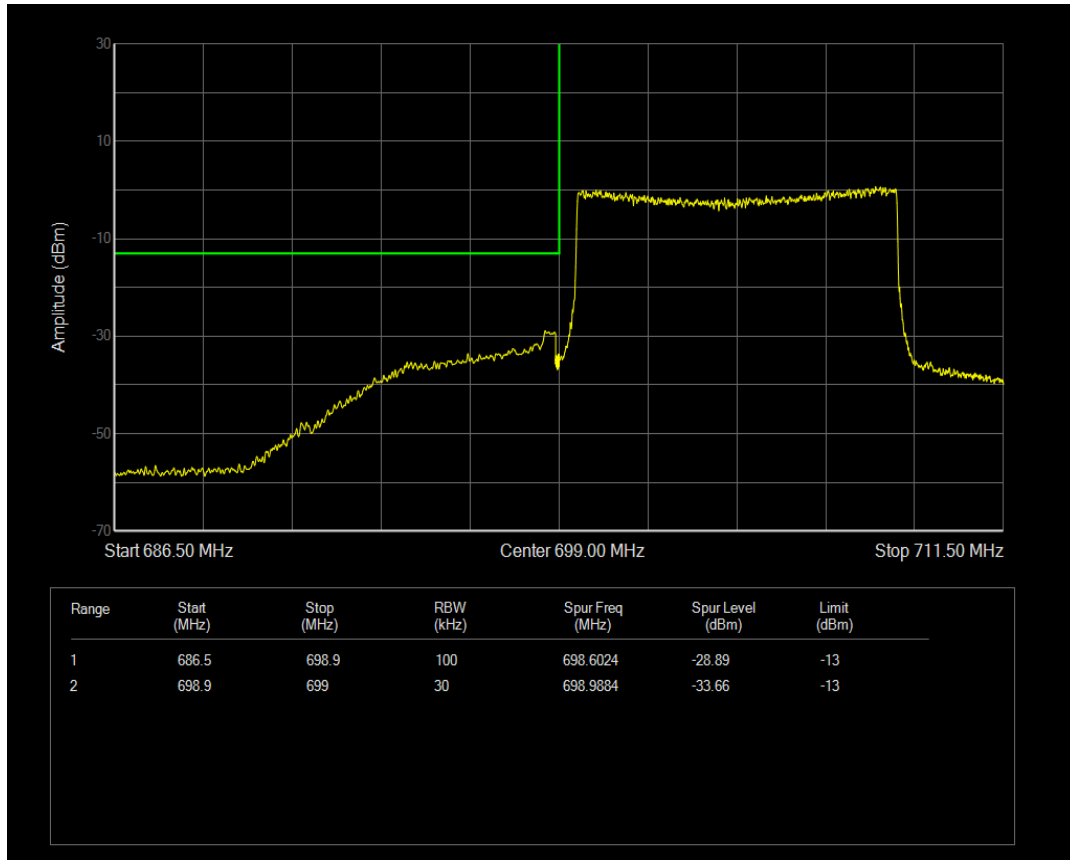


Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0

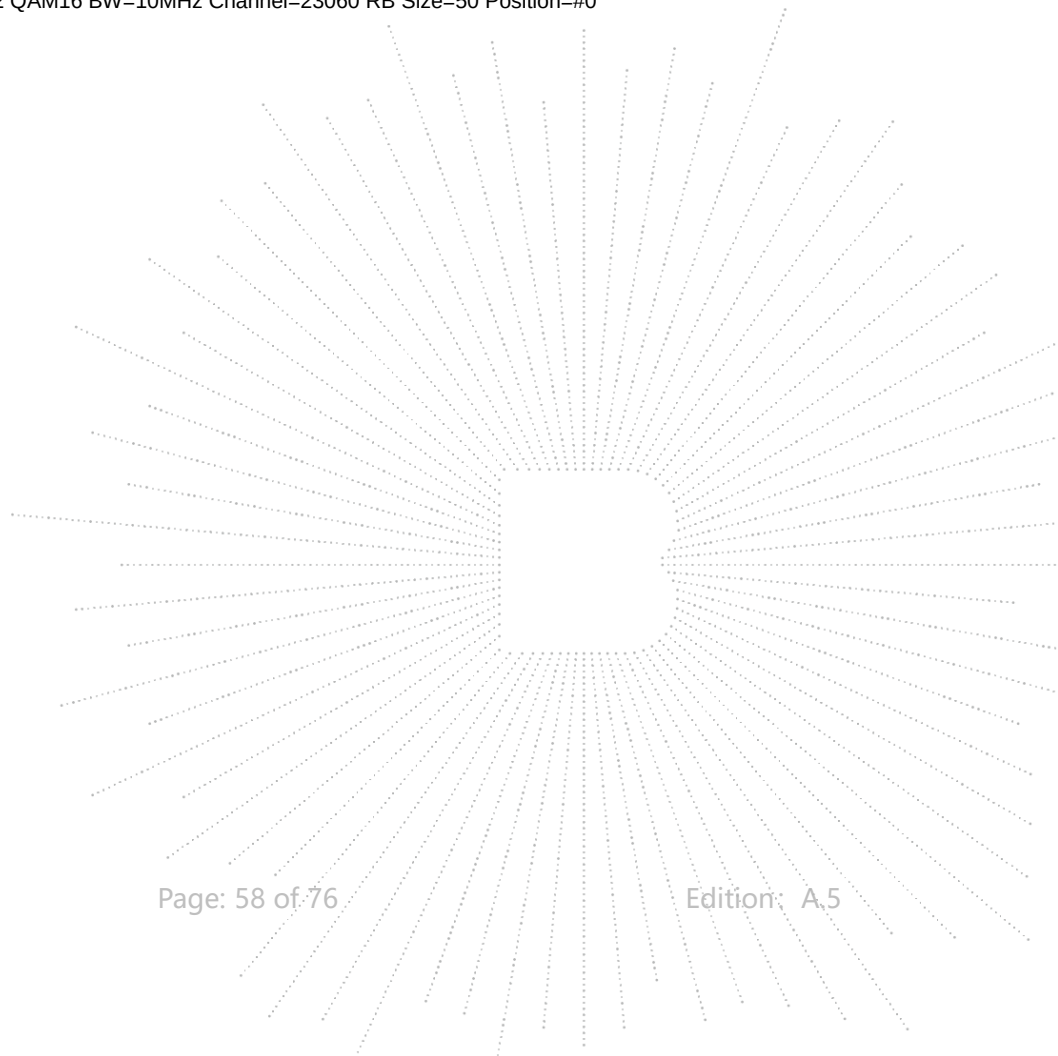


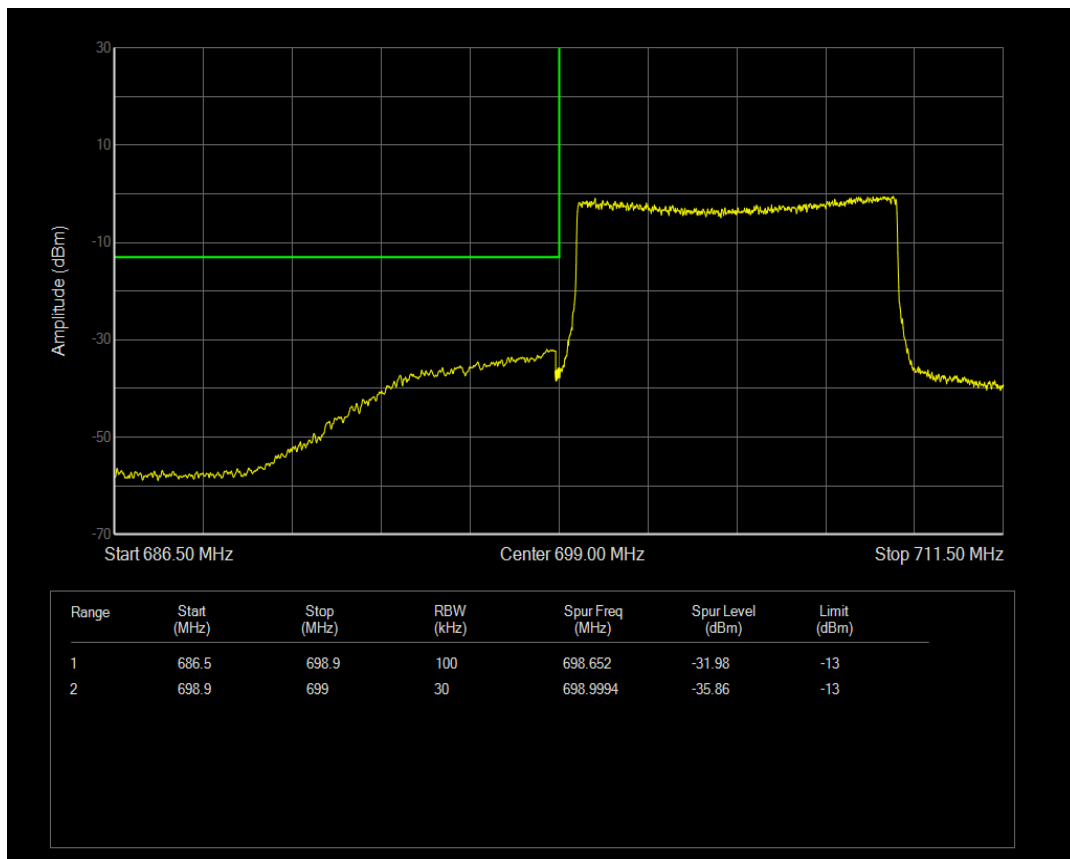


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

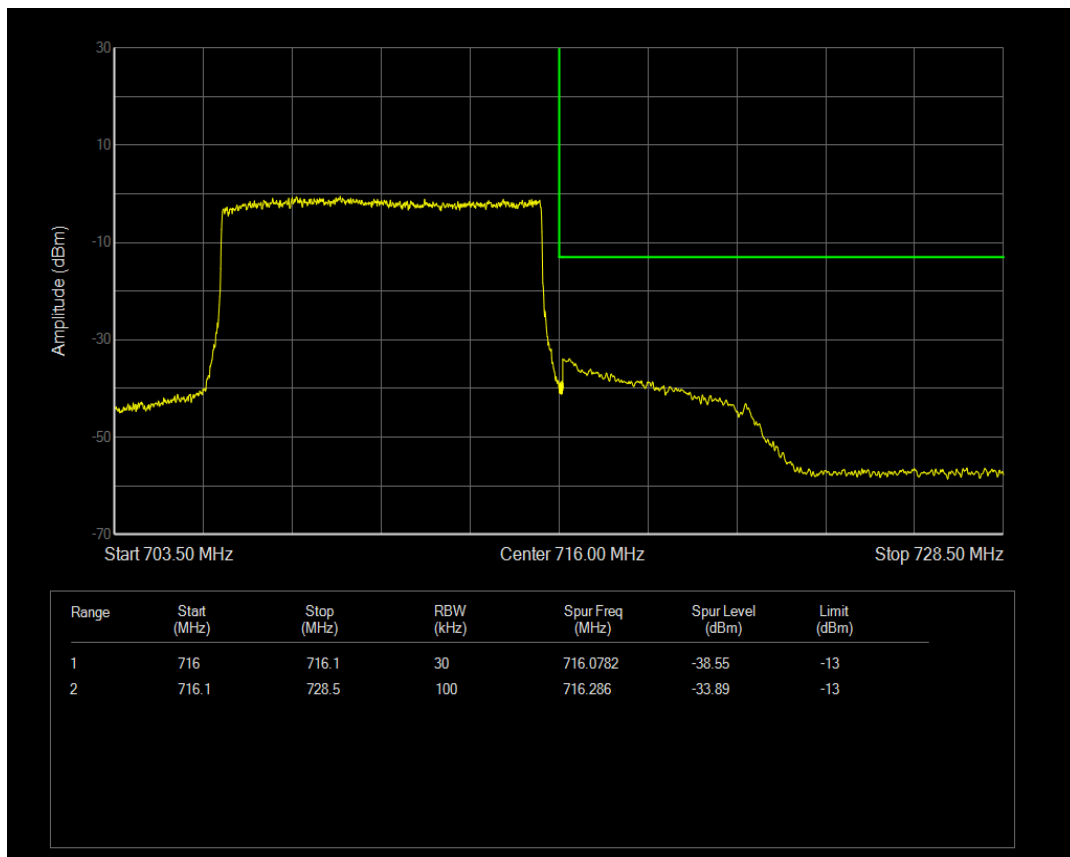


Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0

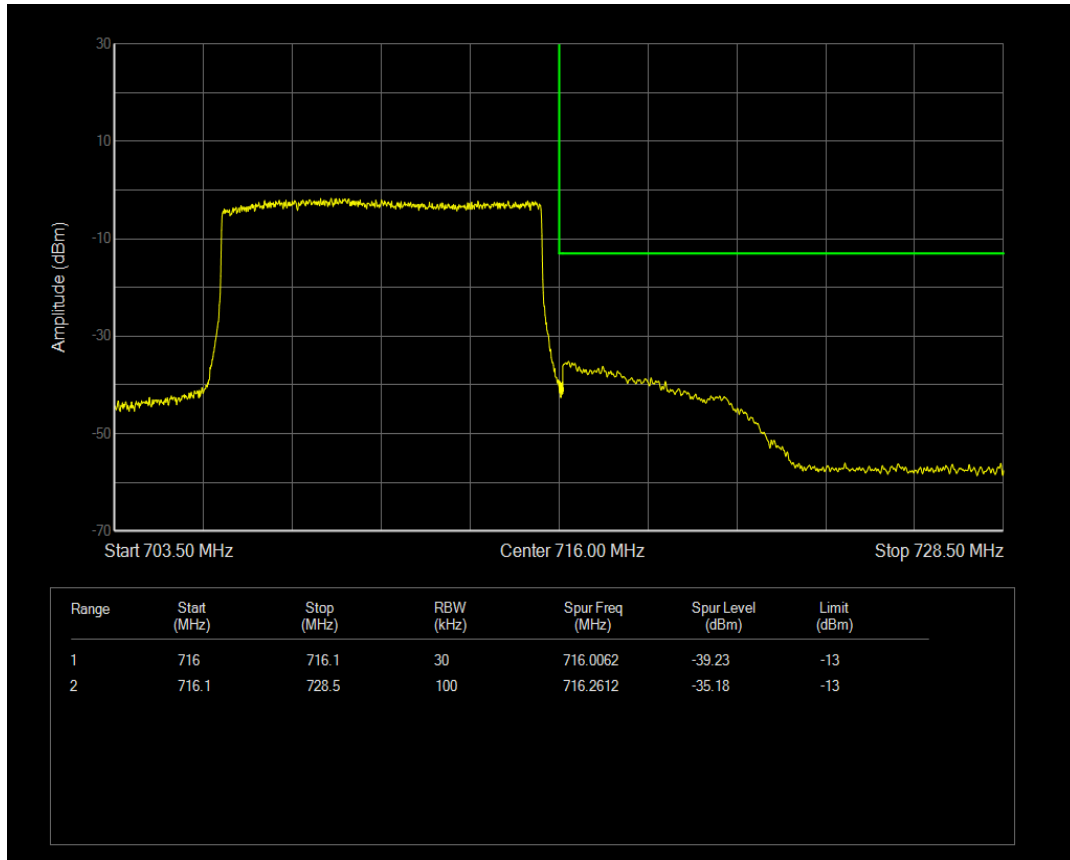




Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



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

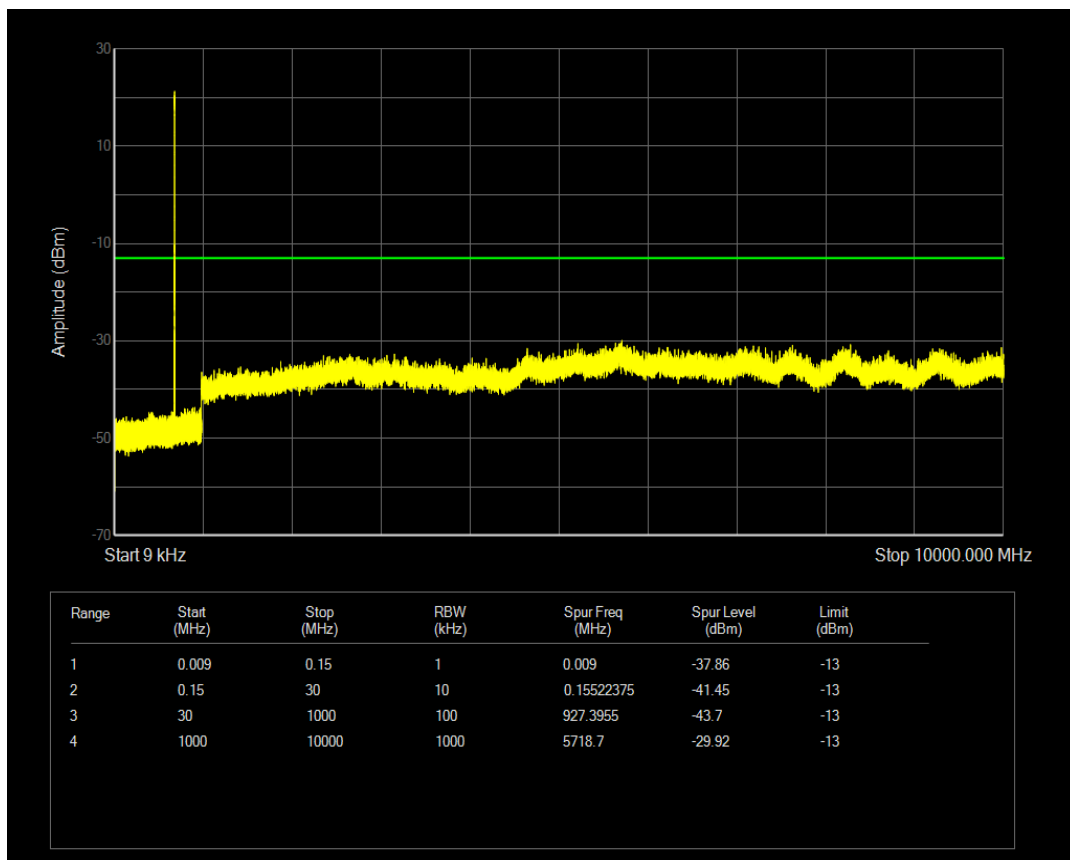


Appendix 6. Out-of-band emissions

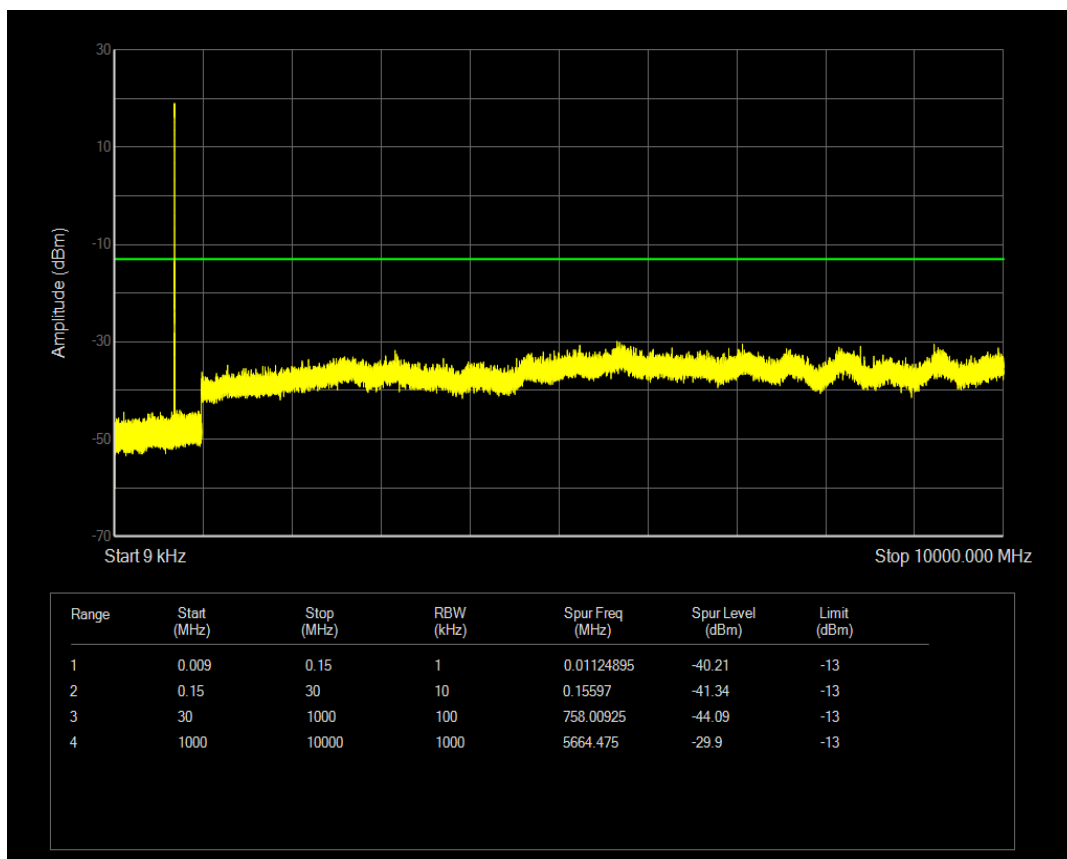
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	5718.70	-29.92	-13	PASS
Band12	1.4	23017	6	#0	QAM16	5664.48	-29.90	-13	PASS
Band12	1.4	23095	6	#0	QPSK	5639.50	-29.68	-13	PASS
Band12	1.4	23095	6	#0	QAM16	5770.00	-29.49	-13	PASS
Band12	1.4	23173	6	#0	QPSK	5684.73	-29.73	-13	PASS
Band12	1.4	23173	6	#0	QAM16	8221.38	-29.48	-13	PASS
Band12	3	23025	15	#0	QPSK	5680.00	-29.50	-13	PASS
Band12	3	23025	15	#0	QAM16	5691.48	-29.93	-13	PASS
Band12	3	23095	15	#0	QPSK	5600.80	-30.05	-13	PASS
Band12	3	23095	15	#0	QAM16	5753.80	-30.51	-13	PASS
Band12	3	23165	15	#0	QPSK	5712.18	-30.25	-13	PASS
Band12	3	23165	15	#0	QAM16	5675.95	-29.64	-13	PASS
Band12	5	23035	25	#0	QPSK	5663.58	-29.81	-13	PASS
Band12	5	23035	25	#0	QAM16	5701.38	-29.49	-13	PASS
Band12	5	23095	25	#0	QPSK	8207.65	-29.21	-13	PASS

Band12	5	23095	25	#0	QAM16	8249.73	-30.34	-13	PASS
Band12	5	23155	25	#0	QPSK	5722.53	-29.32	-13	PASS
Band12	5	23155	25	#0	QAM16	7689.25	-30.23	-13	PASS
Band12	10	23060	50	#0	QPSK	5691.48	-29.70	-13	PASS
Band12	10	23060	50	#0	QAM16	5623.30	-30.15	-13	PASS
Band12	10	23095	50	#0	QPSK	5728.83	-29.92	-13	PASS
Band12	10	23095	50	#0	QAM16	7142.73	-30.20	-13	PASS
Band12	10	23130	50	#0	QPSK	5702.28	-29.42	-13	PASS
Band12	10	23130	50	#0	QAM16	5669.43	-30.43	-13	PASS

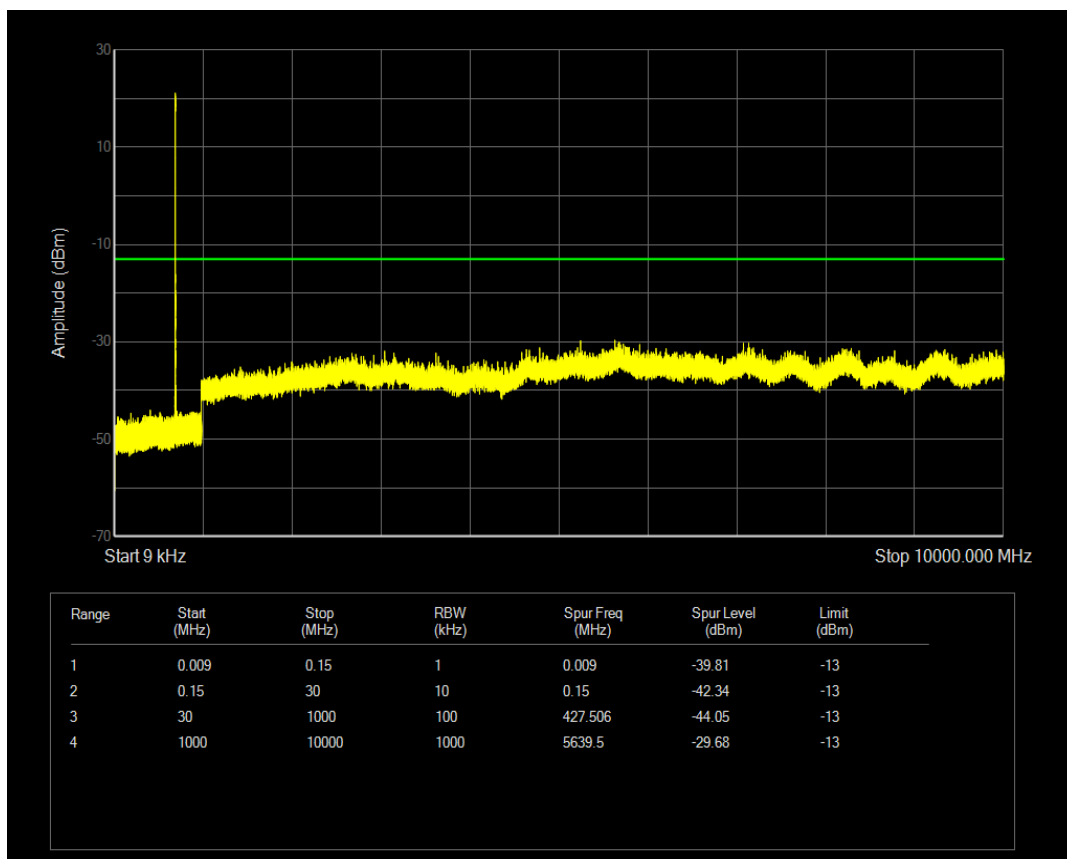
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



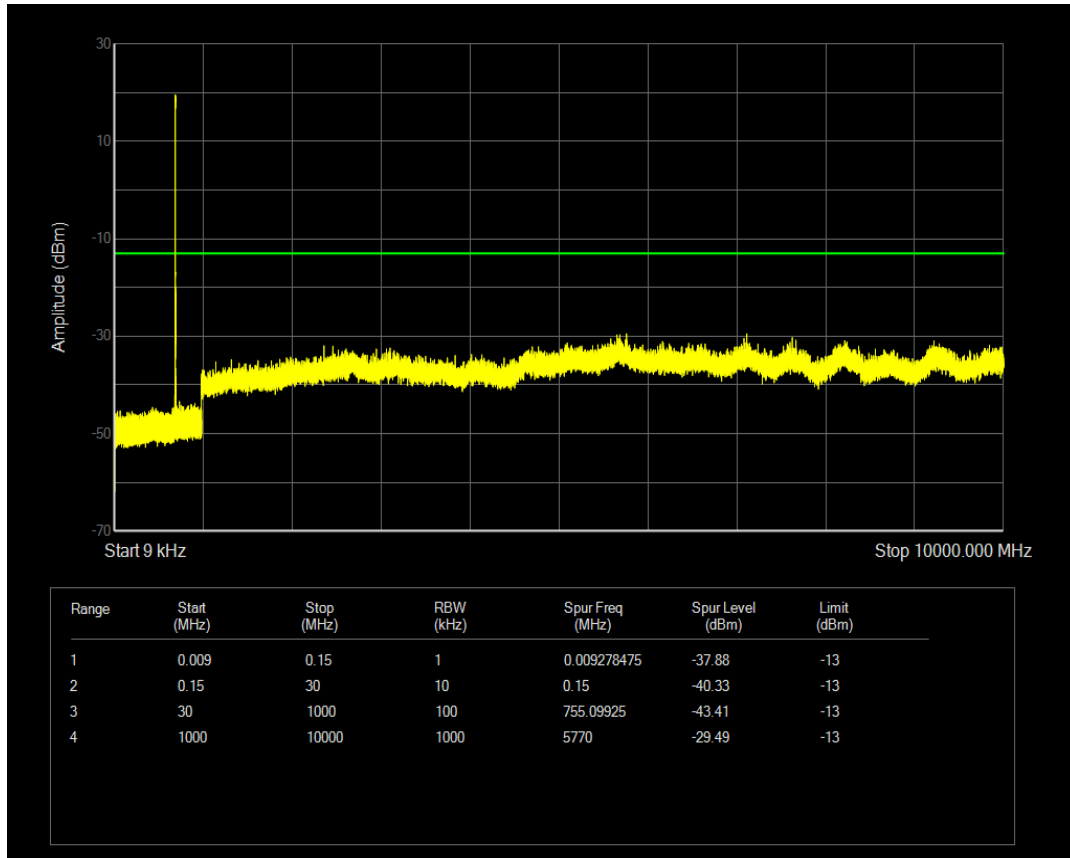
Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



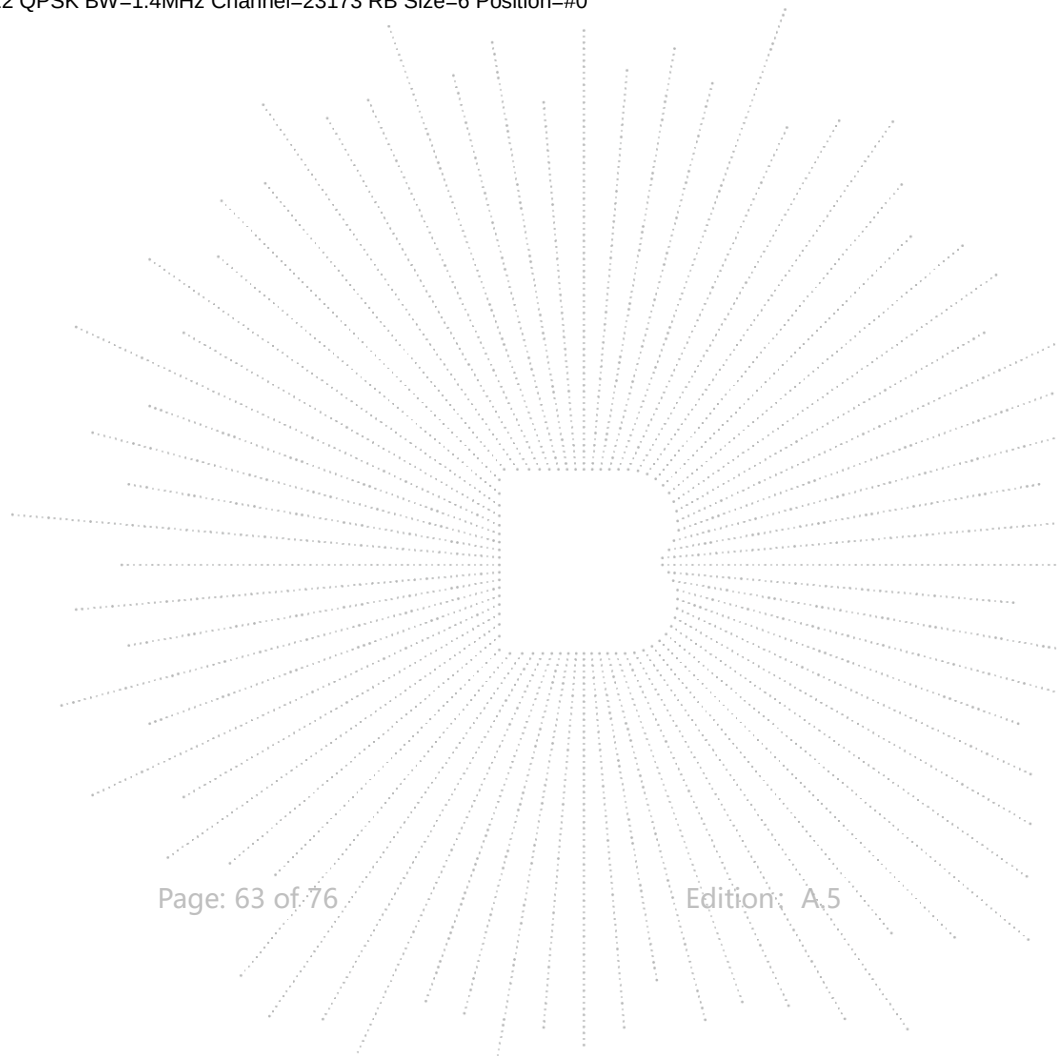
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0

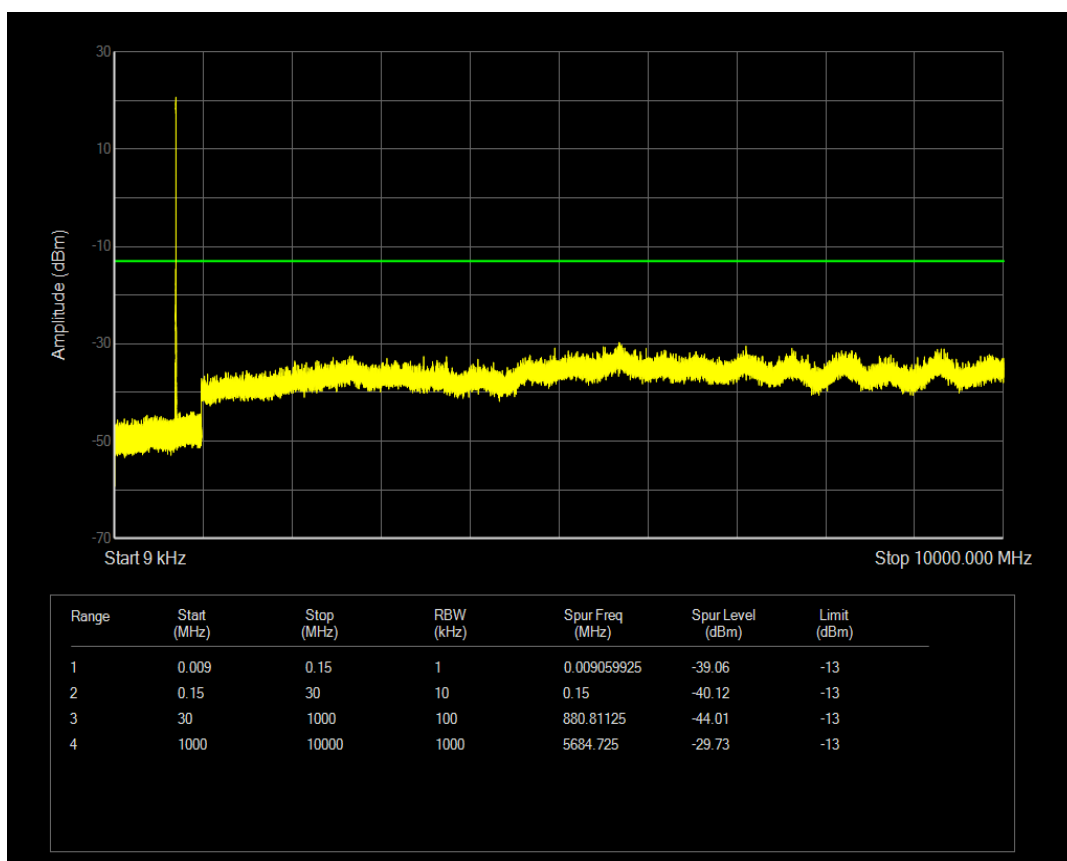


Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0

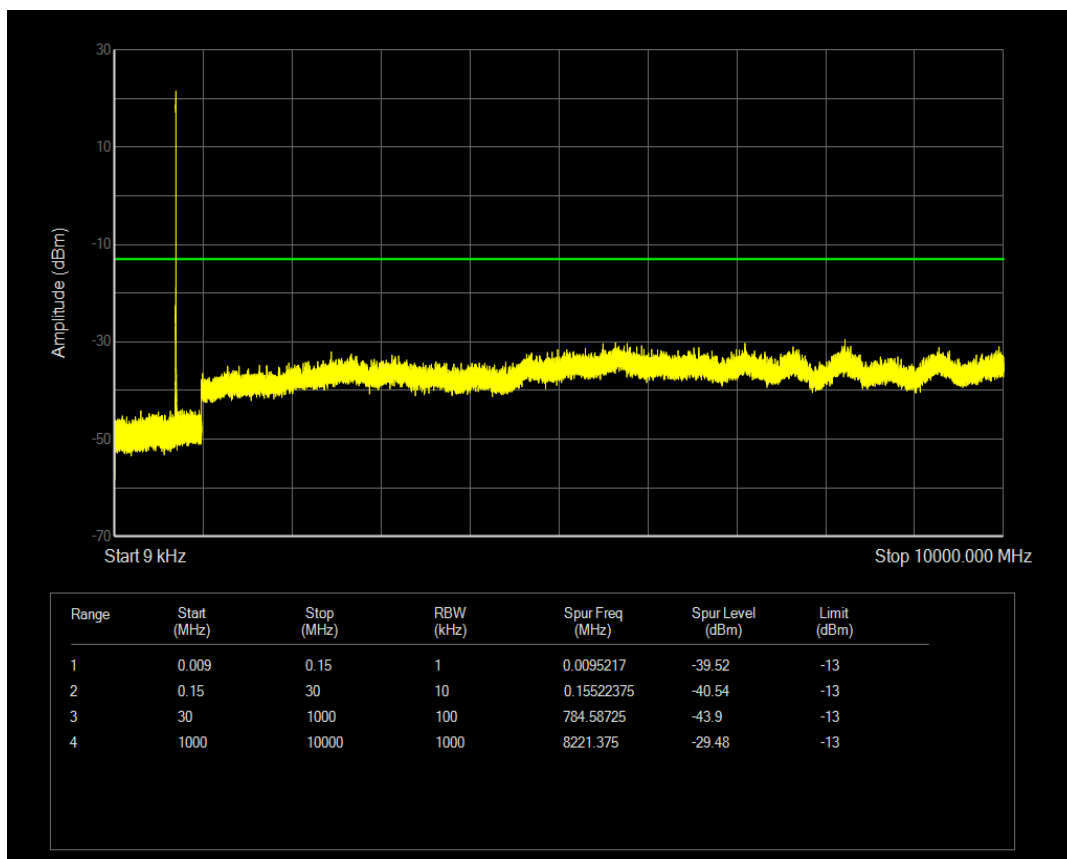


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0

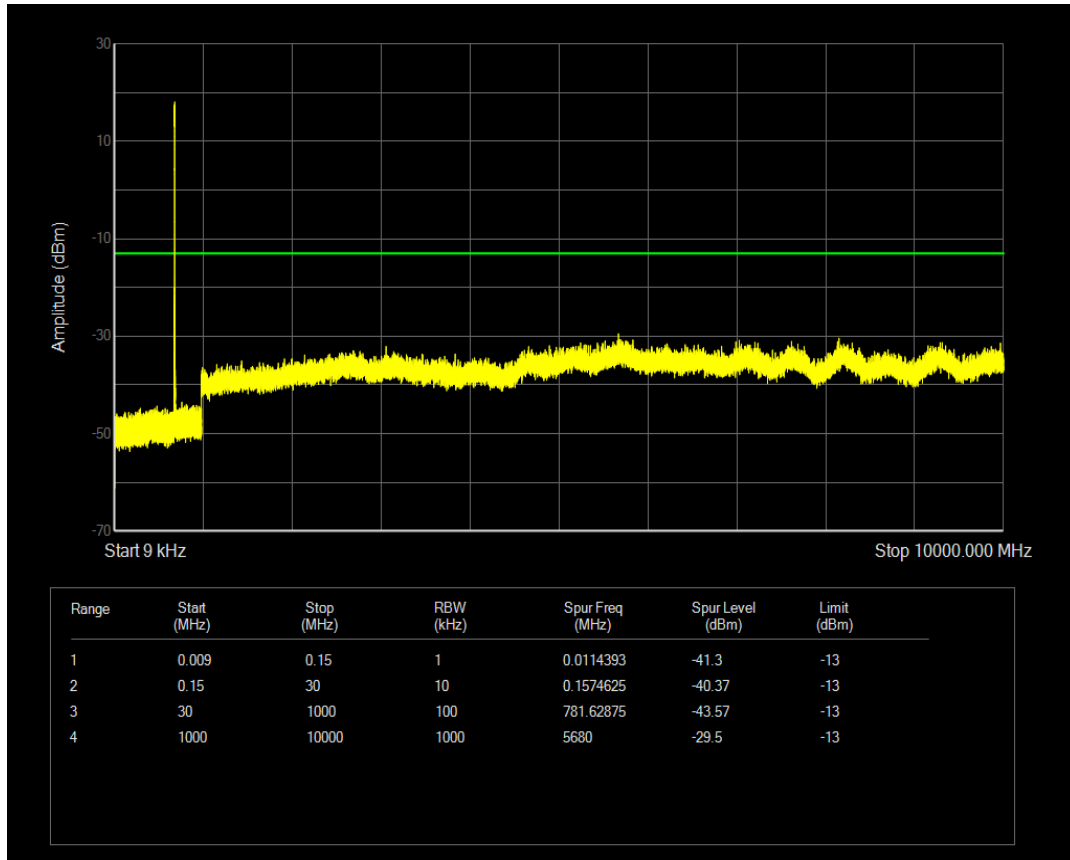




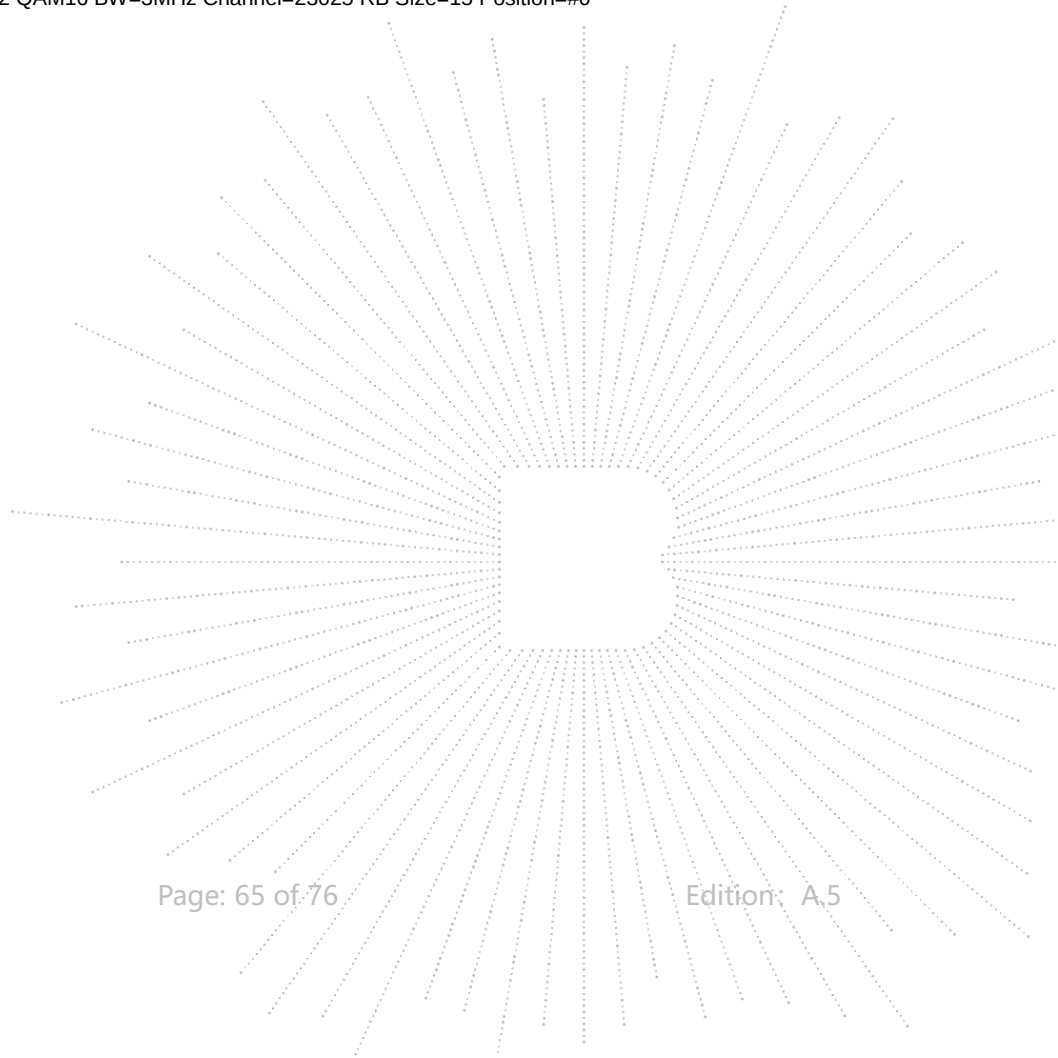
Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0

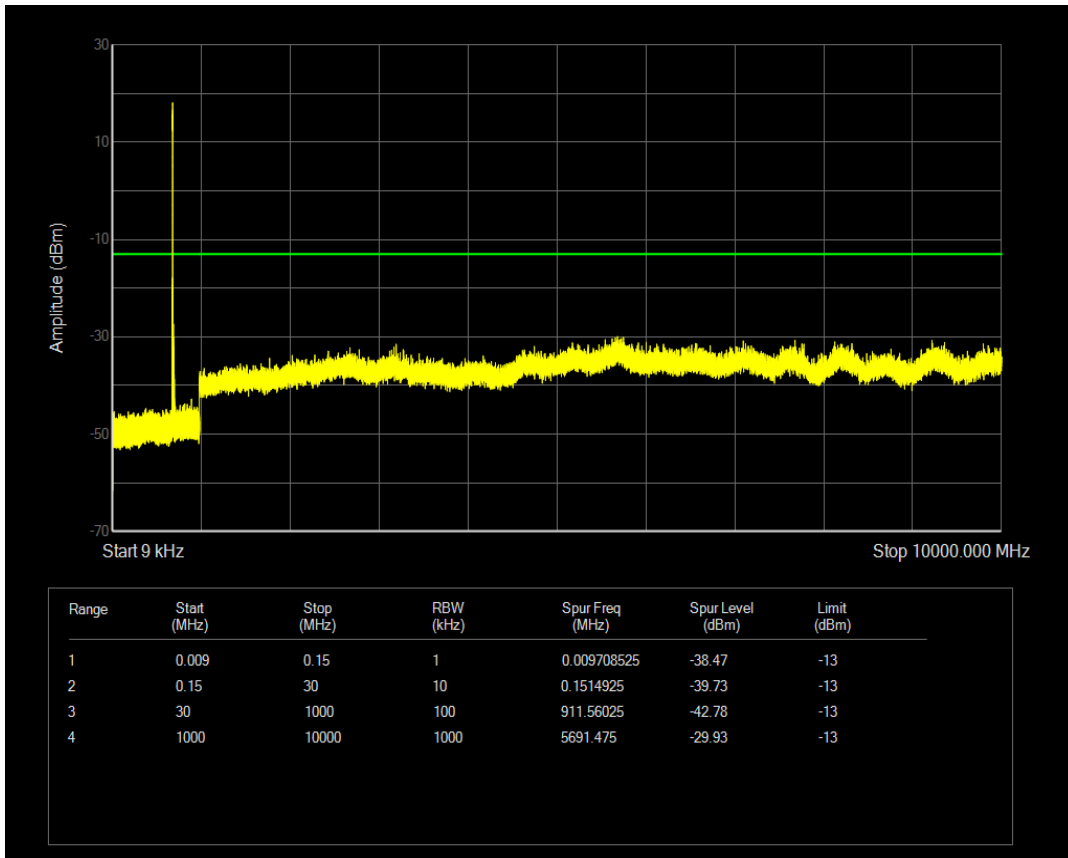


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0

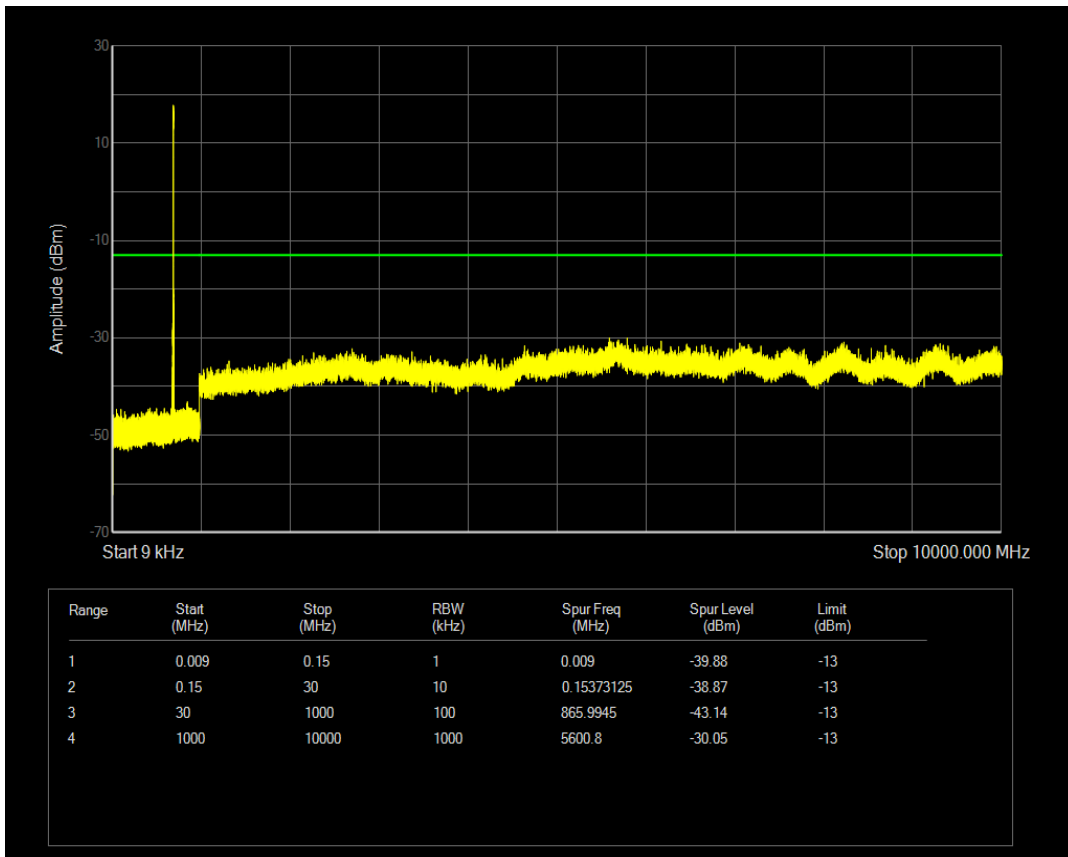


Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0

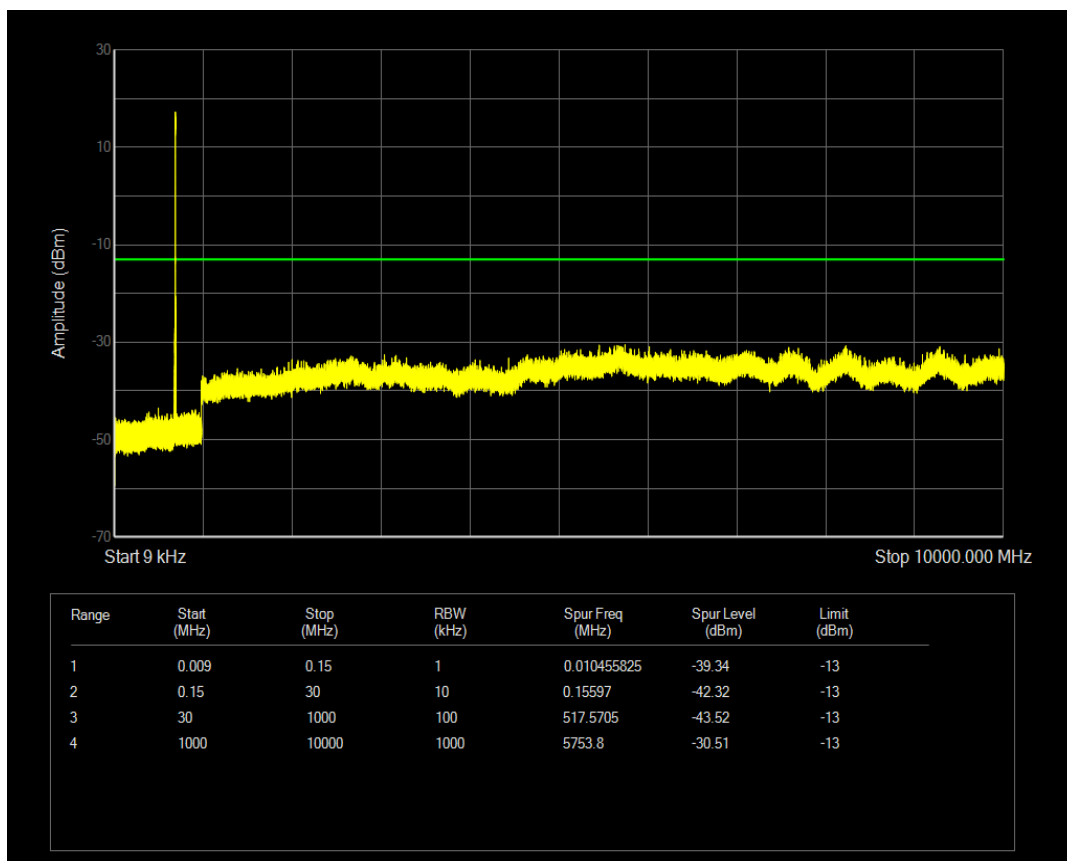




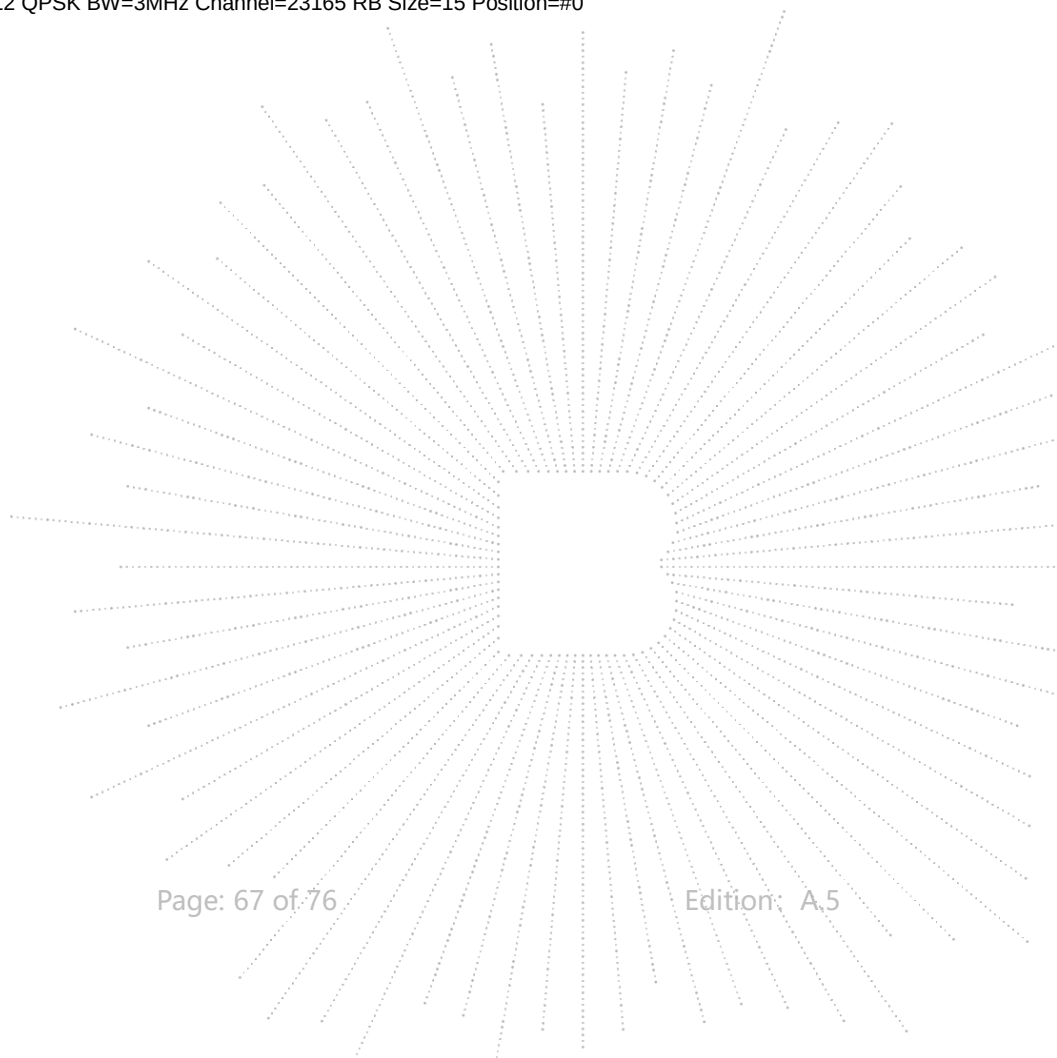
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0

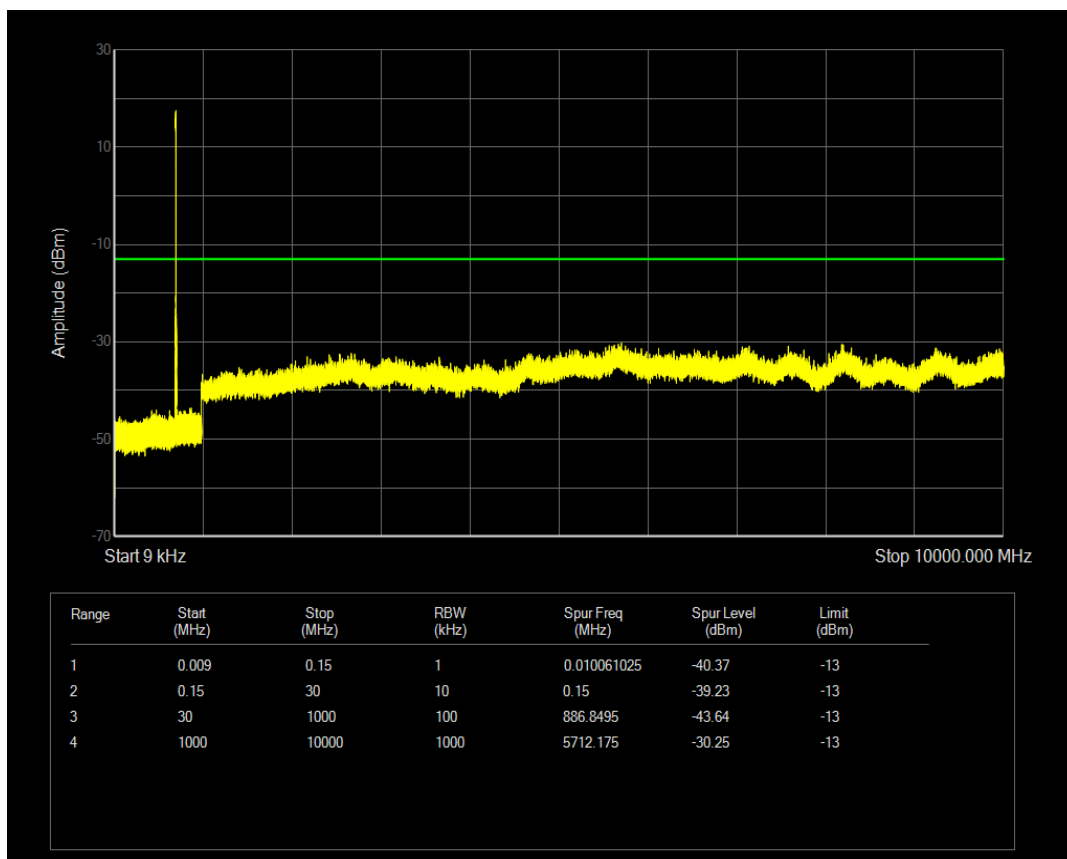


Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0

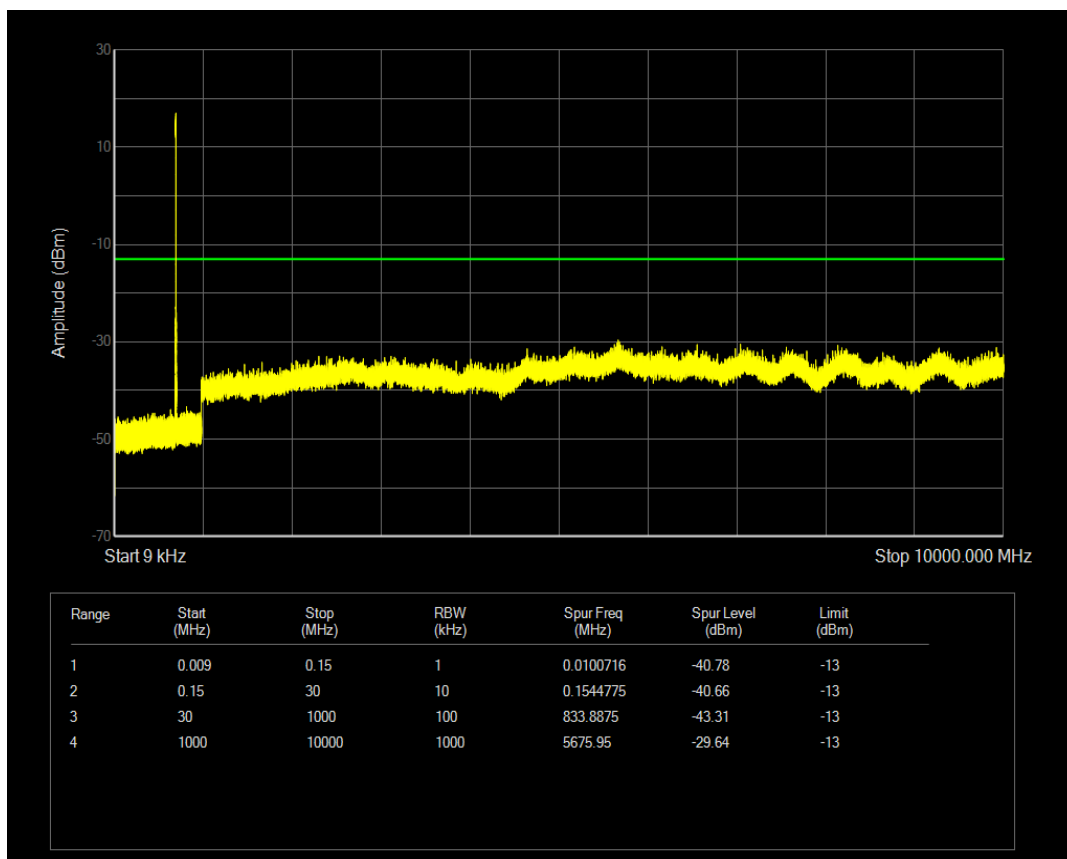


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

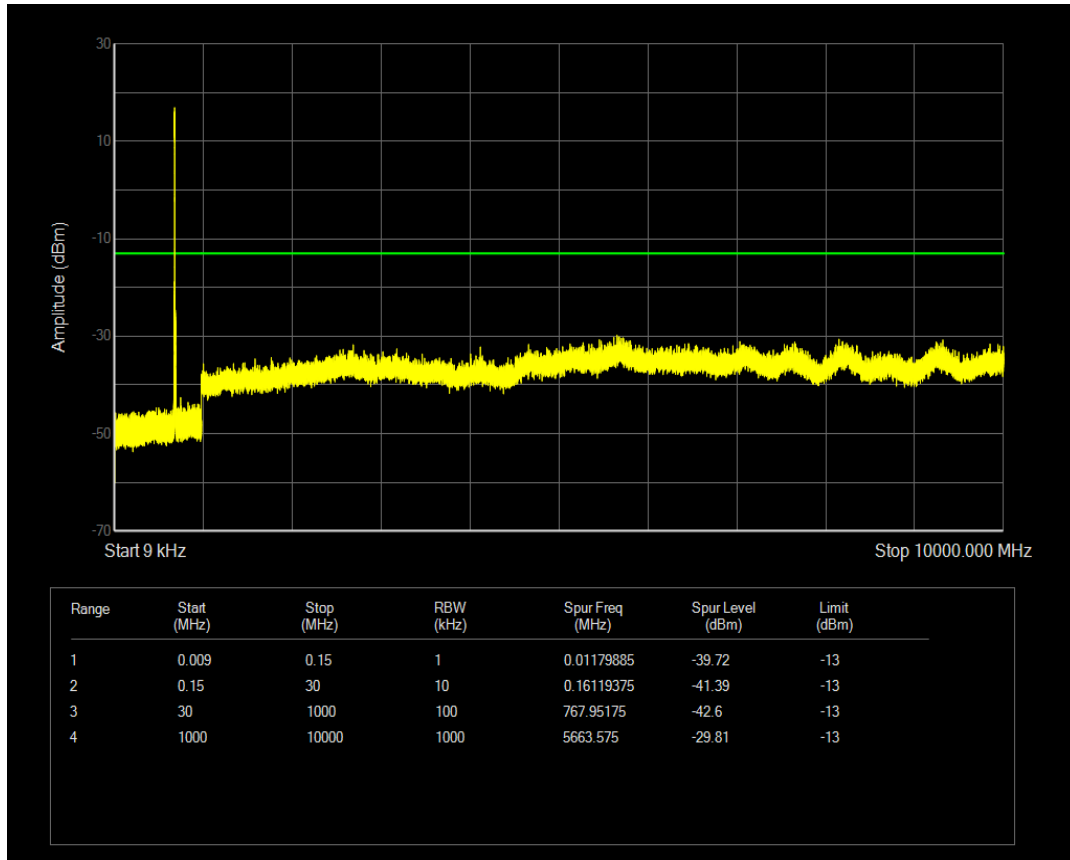




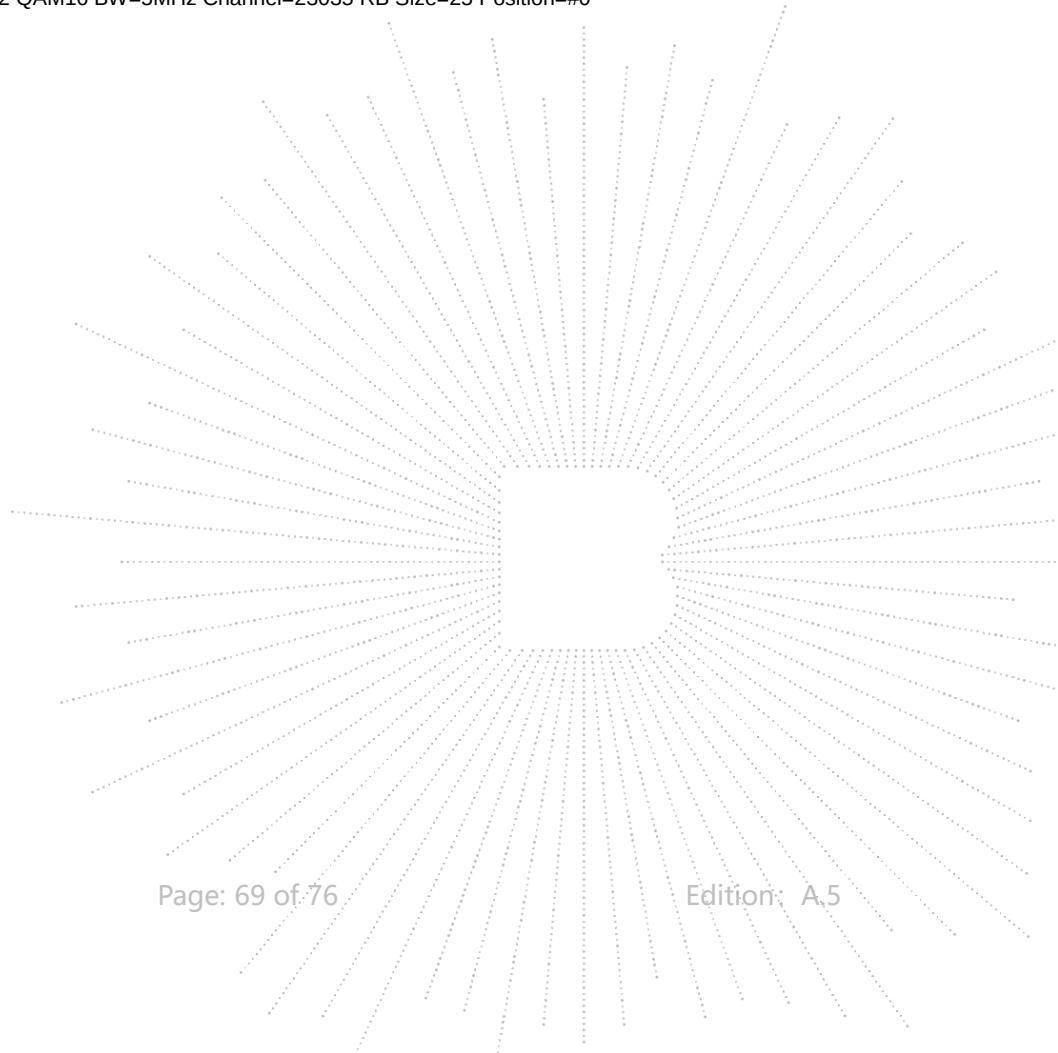
Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0

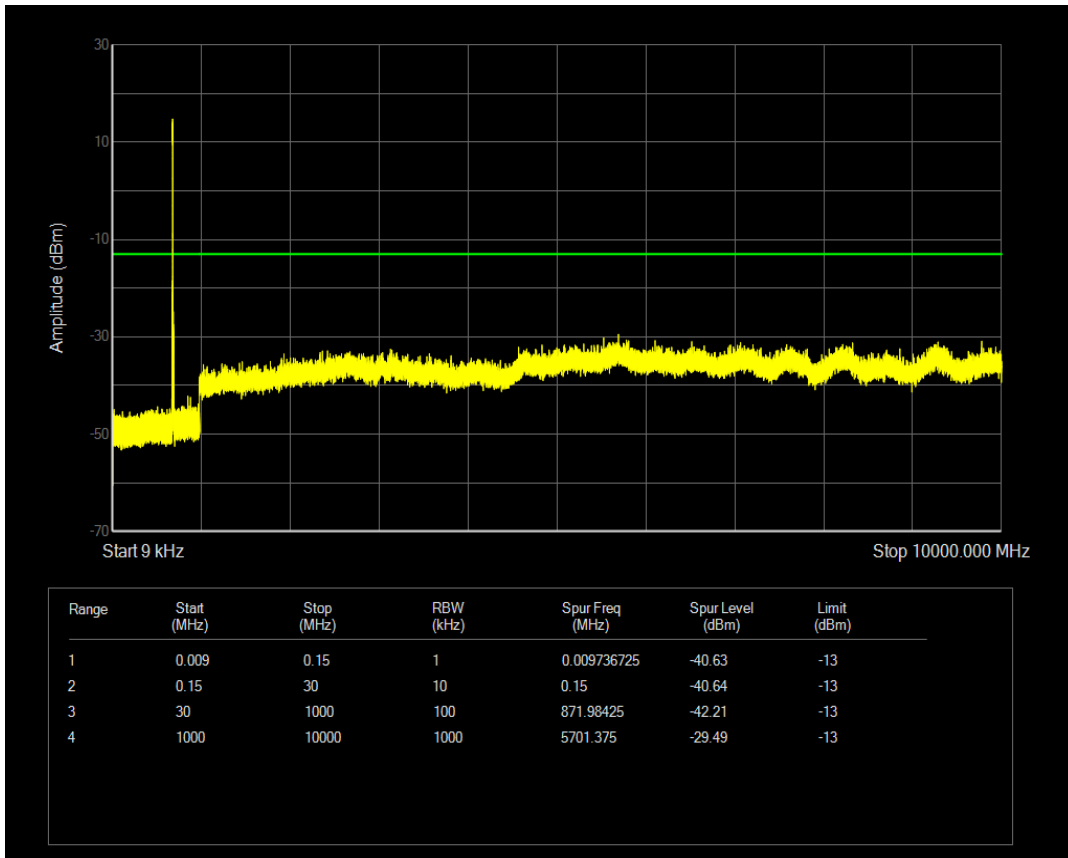


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0

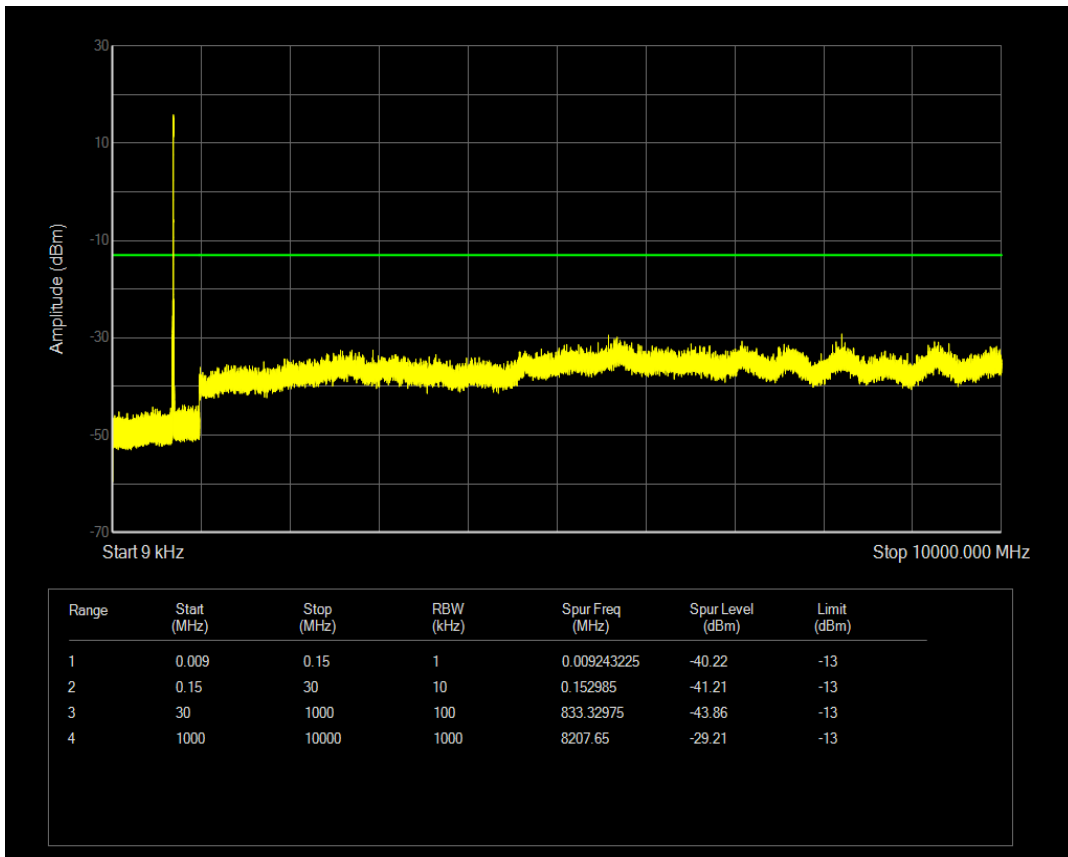


Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0

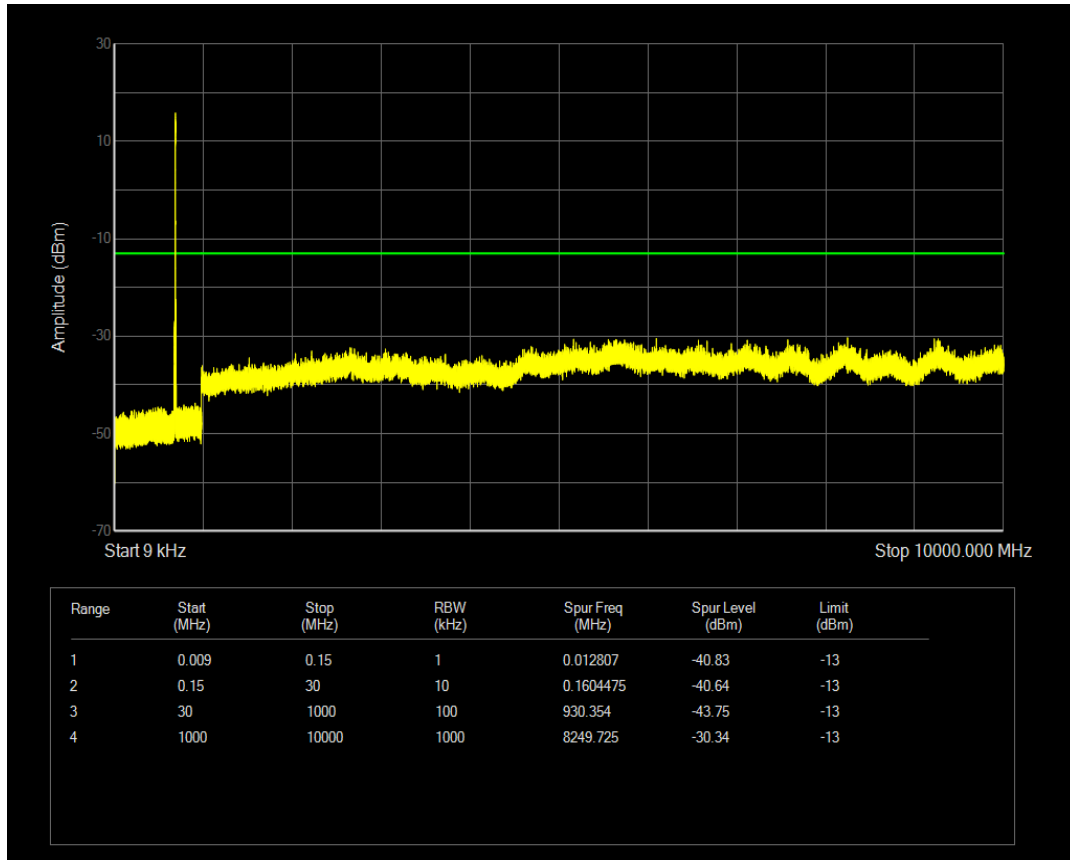




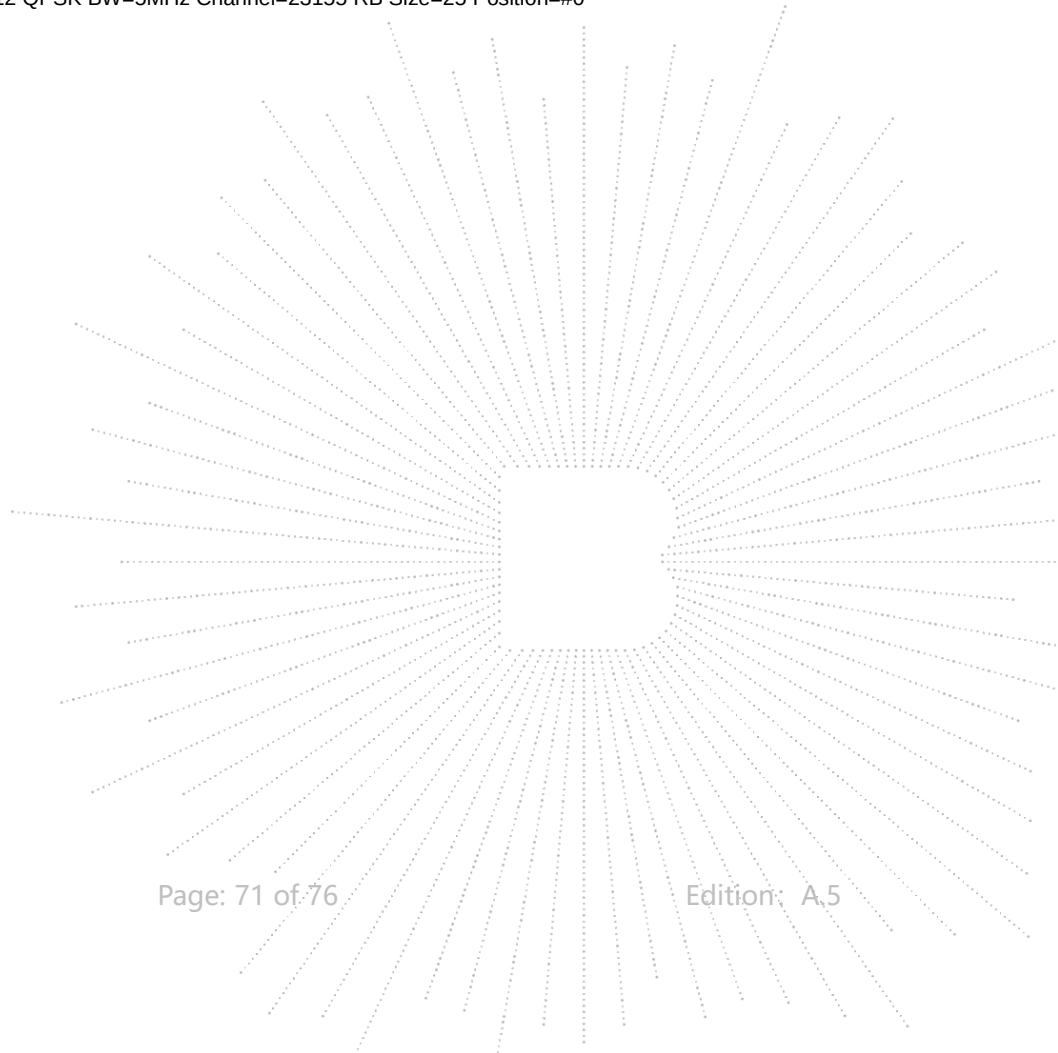
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0

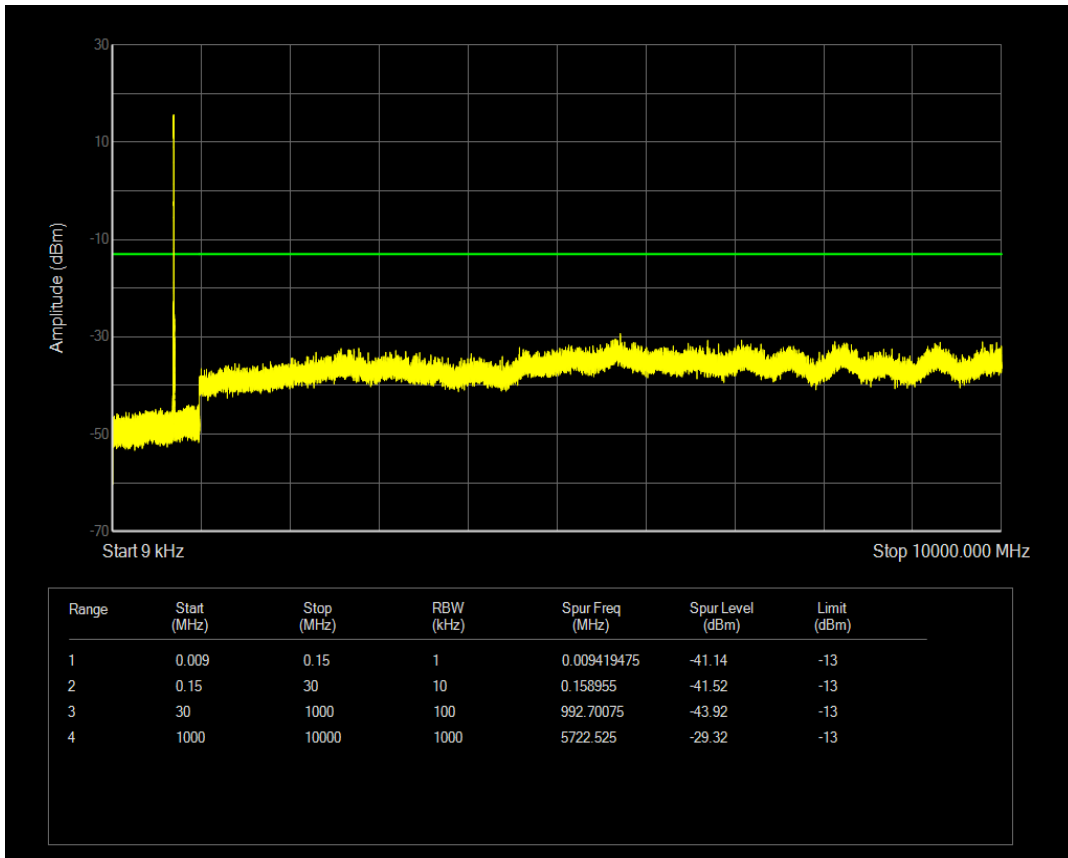


Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0

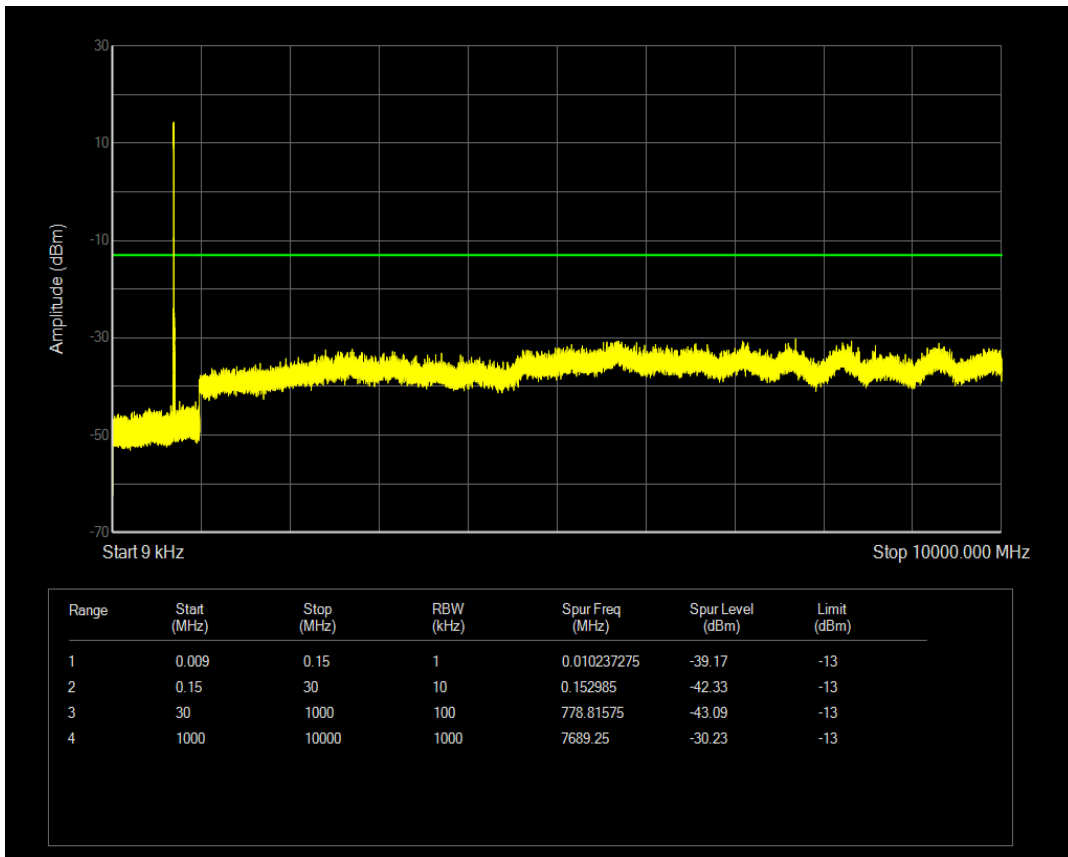


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

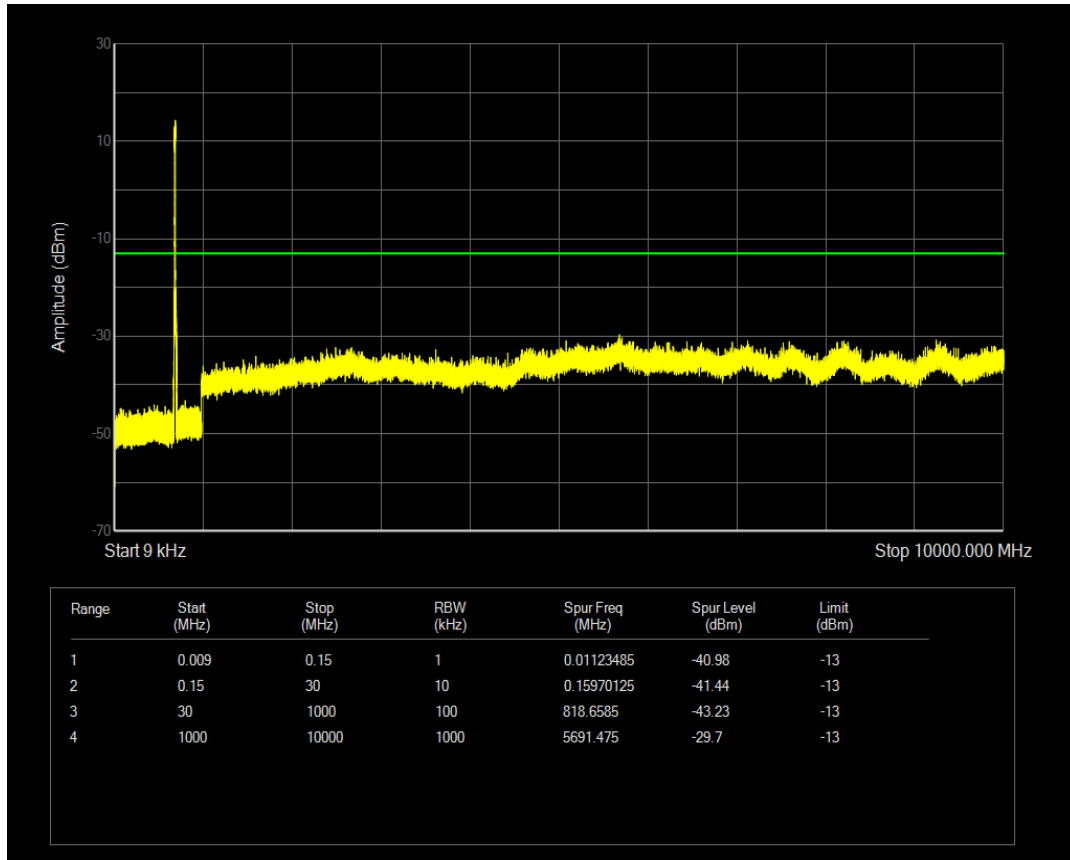




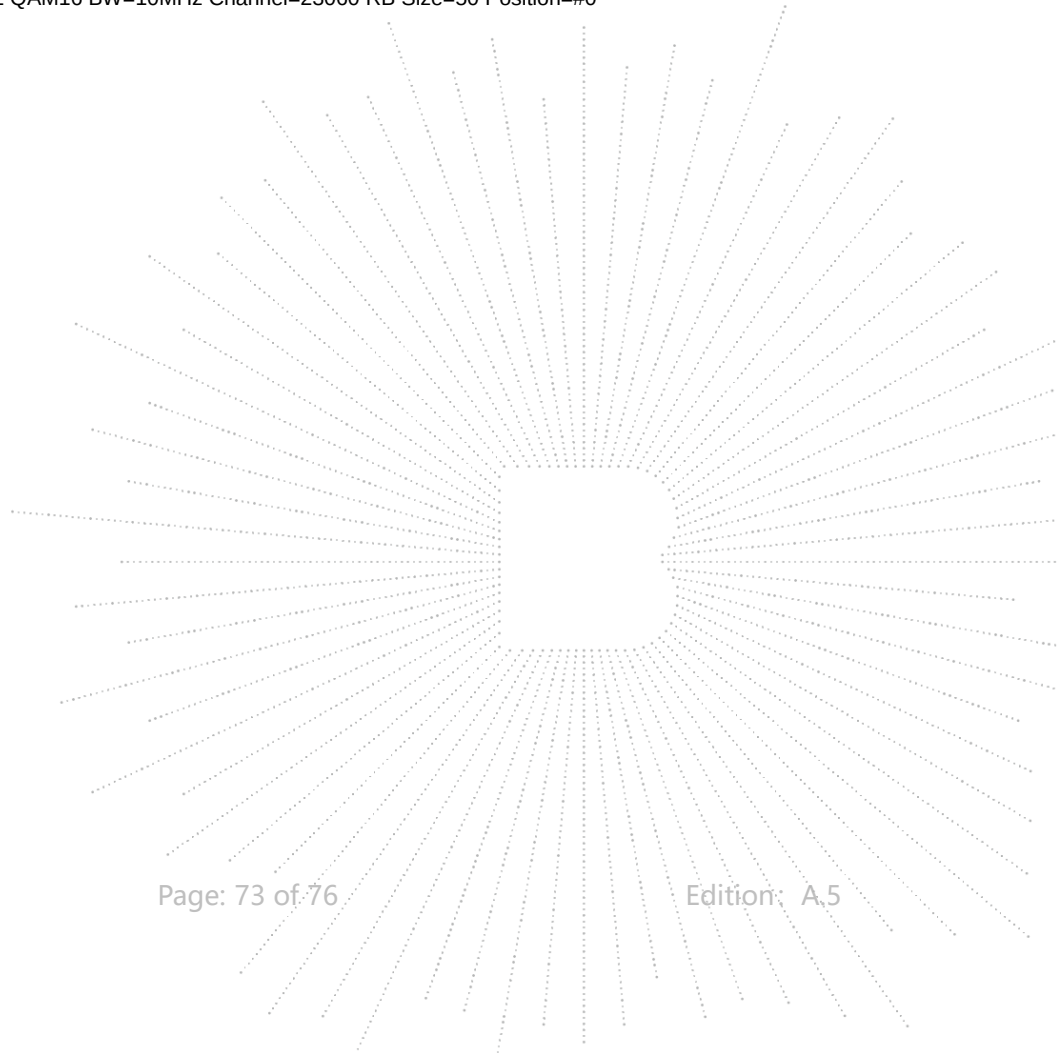
Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0

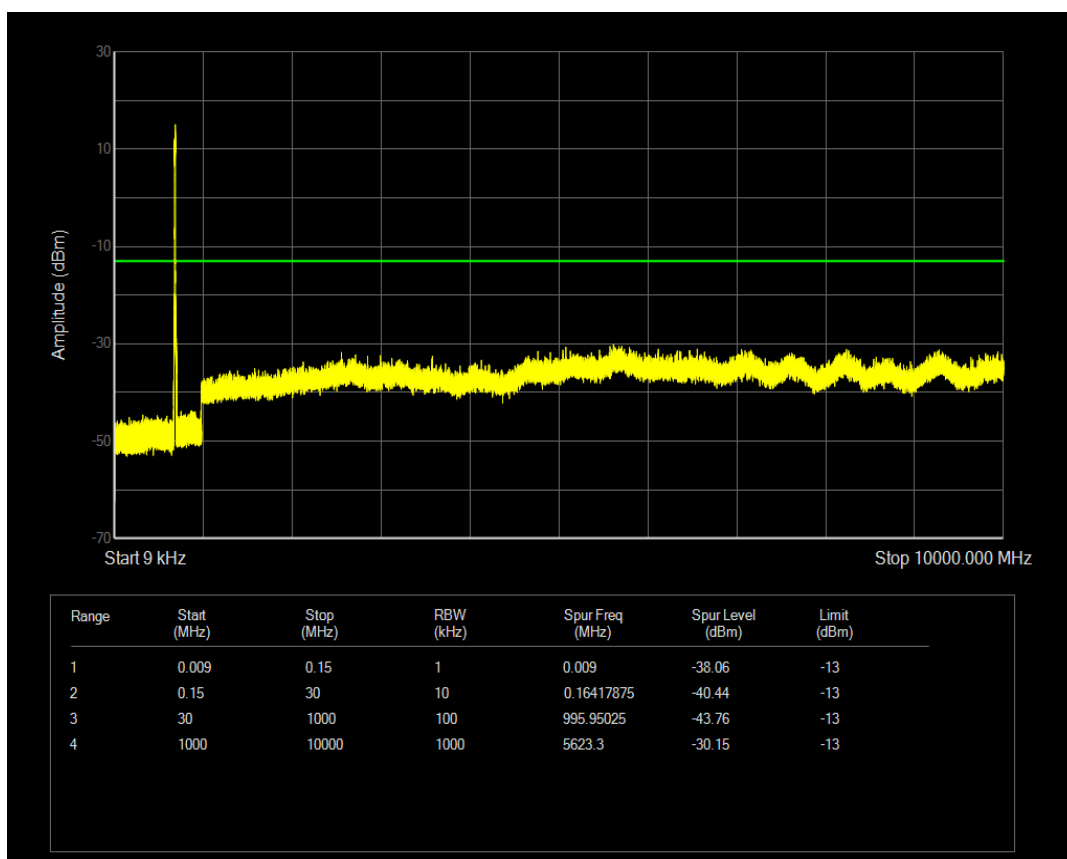


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

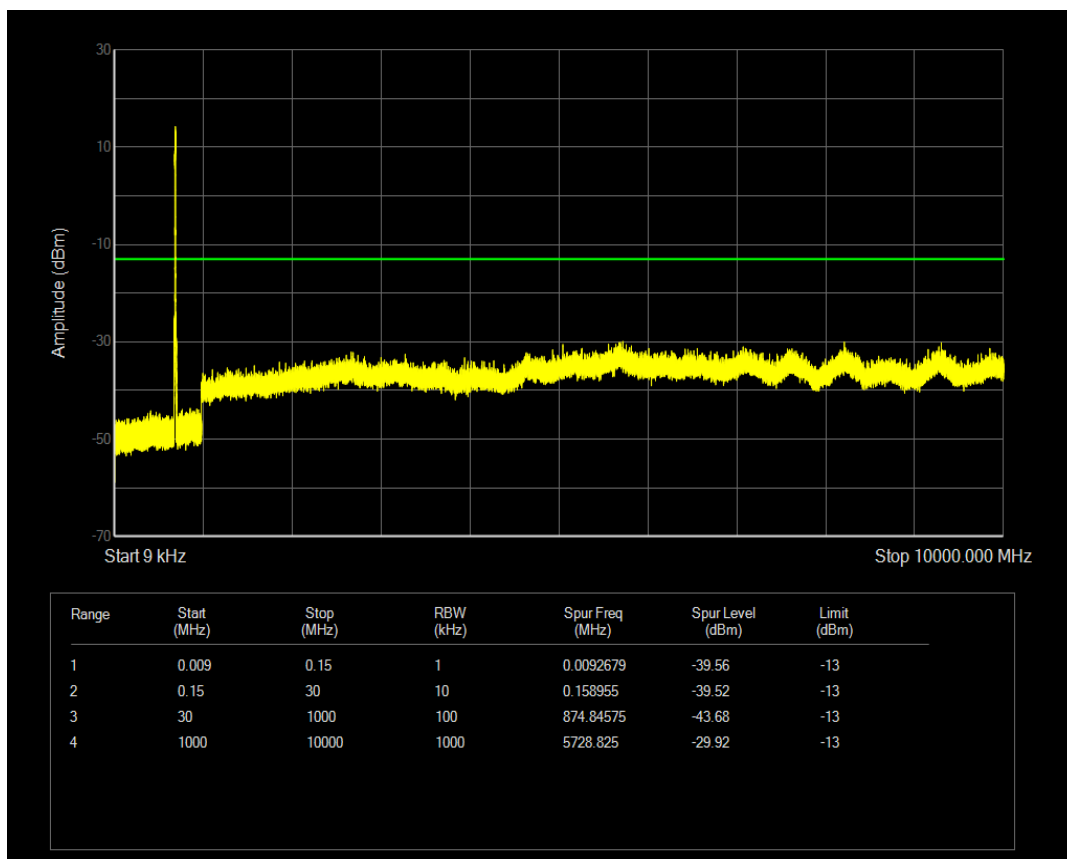


Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0

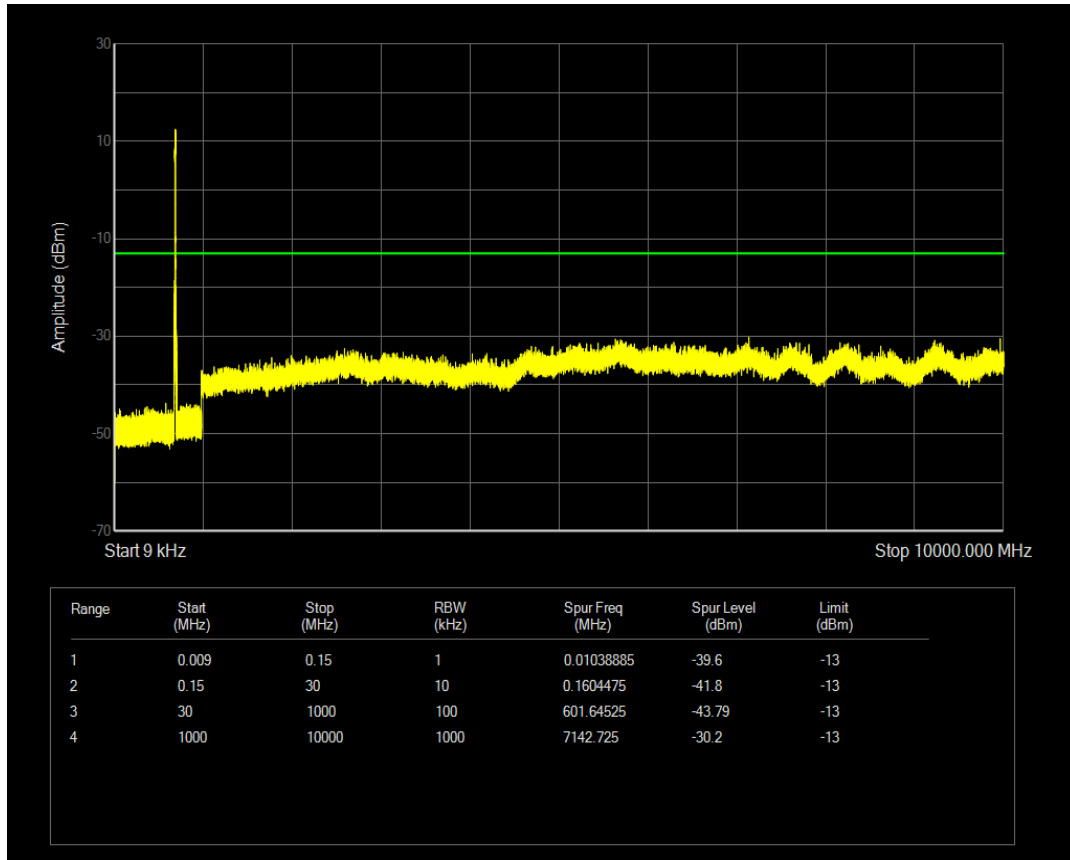




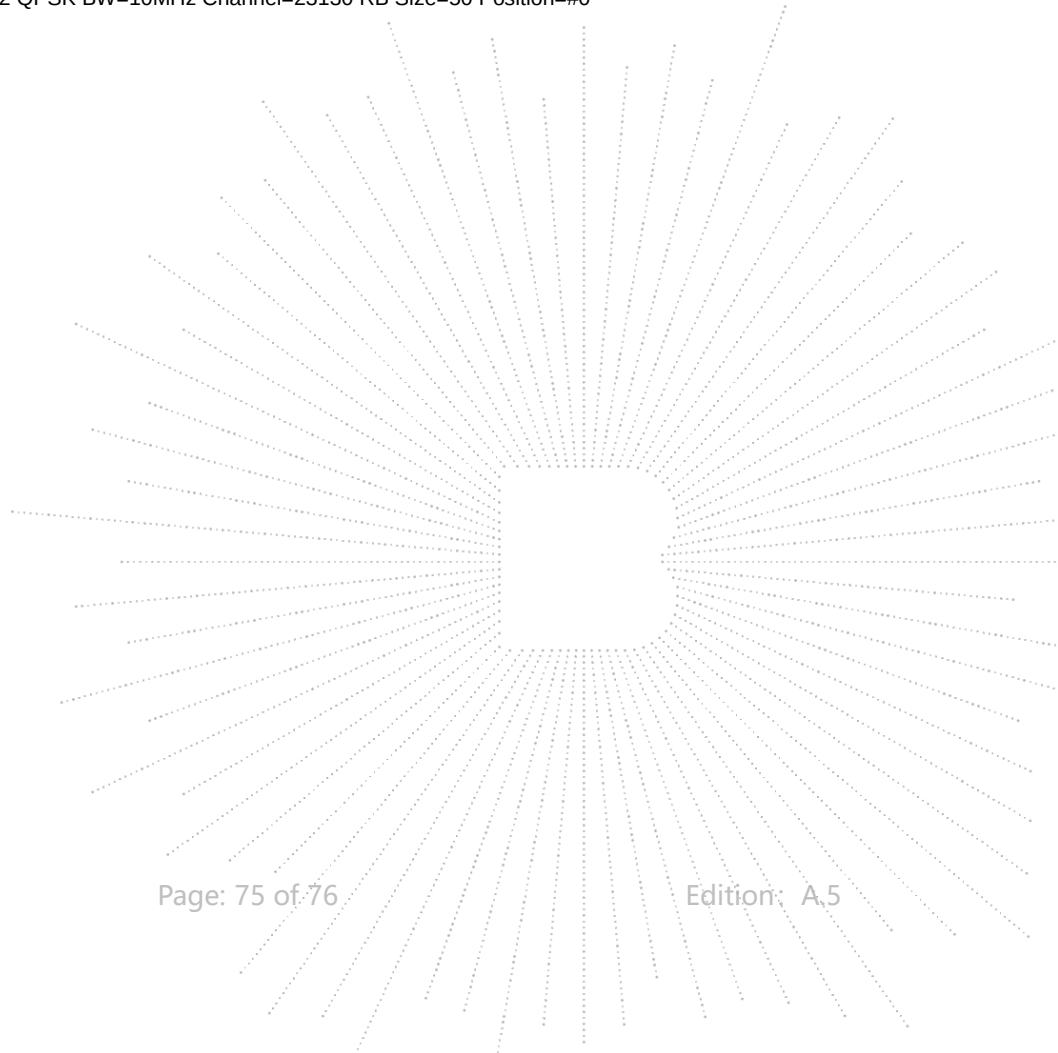
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0

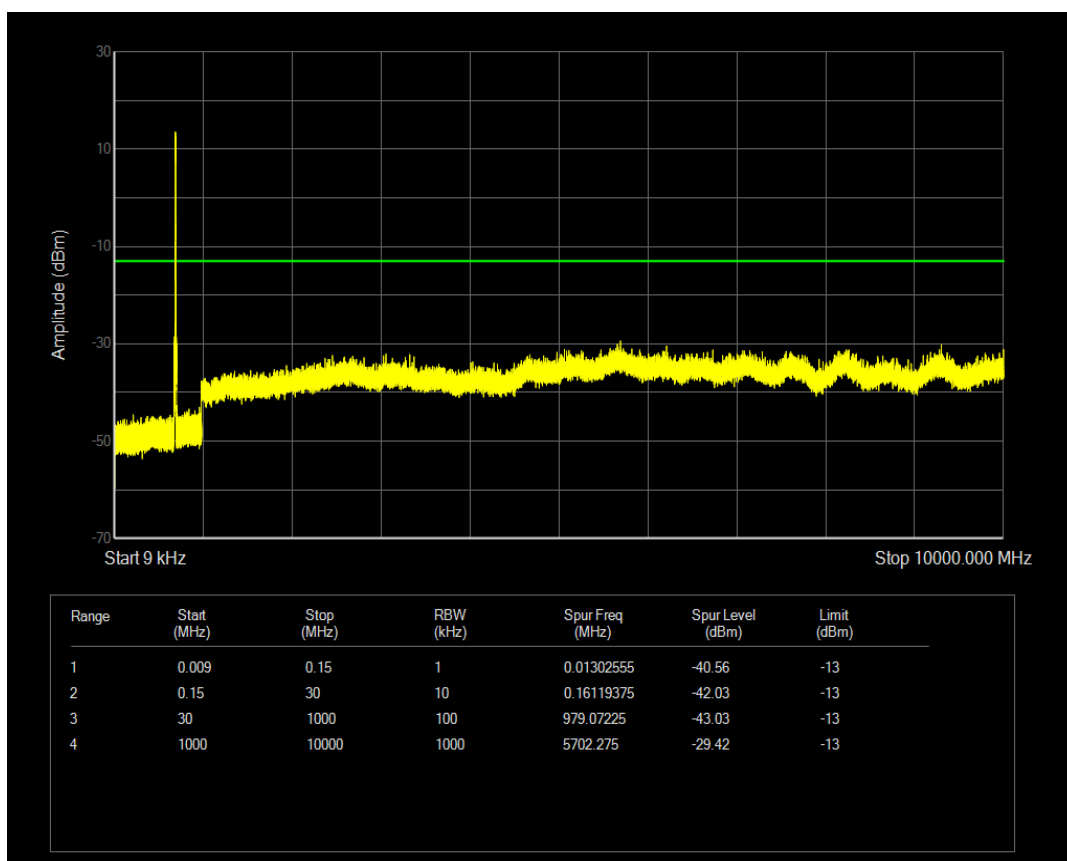


Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



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





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

