

Appendix for Band 12

Report No.: BCTC2307096488-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

Model/Type
reference: C36

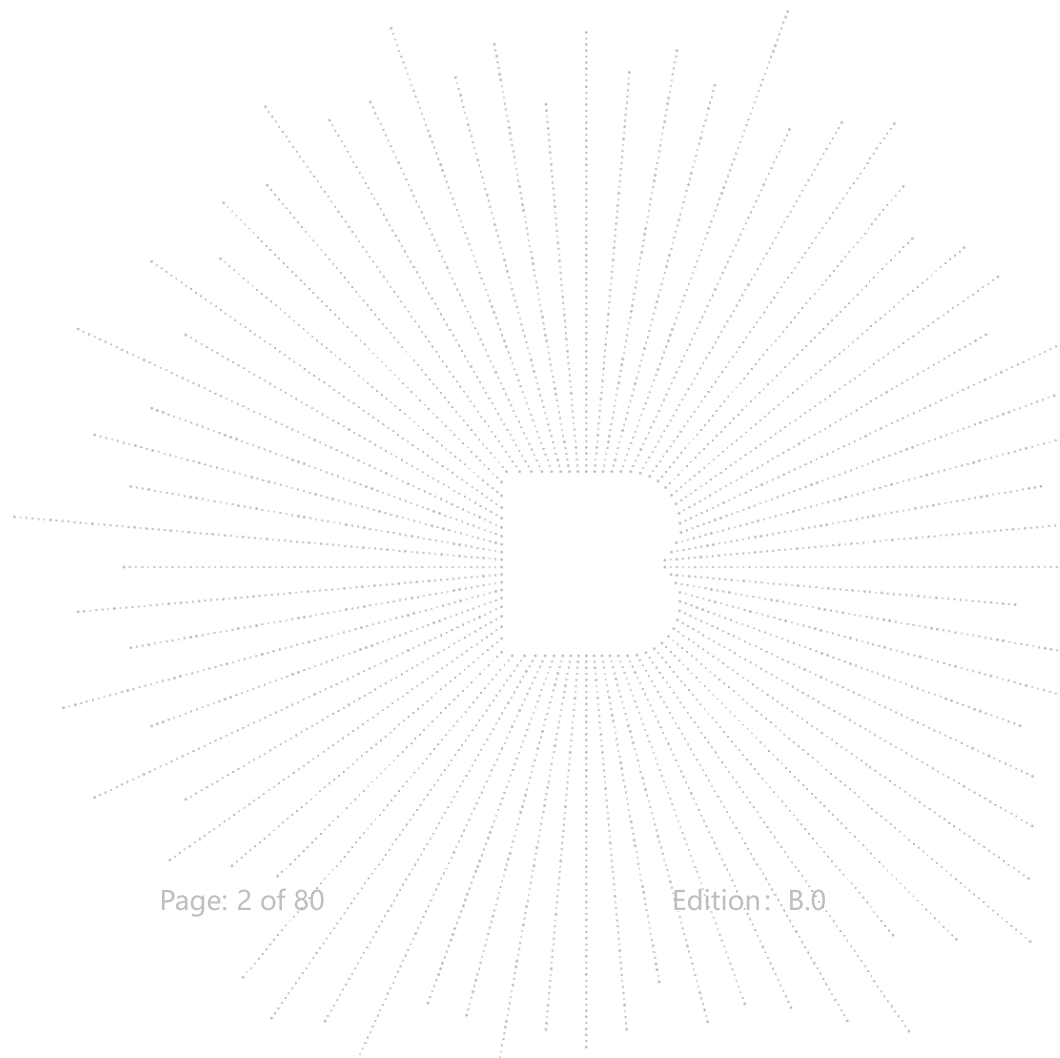
Tested Date: 2023-07-20 to 2023-07-31

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Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Conducted output power	3
Appendix 2. Frequency stability.....	8
Appendix 3. Peak-to-Average Ratio	18
Appendix 4. Occupied bandwidth	35
Appendix 5. Band edge	52
Appendix 6. Out-of-band emissions	64



Appendix 1. Conducted output power

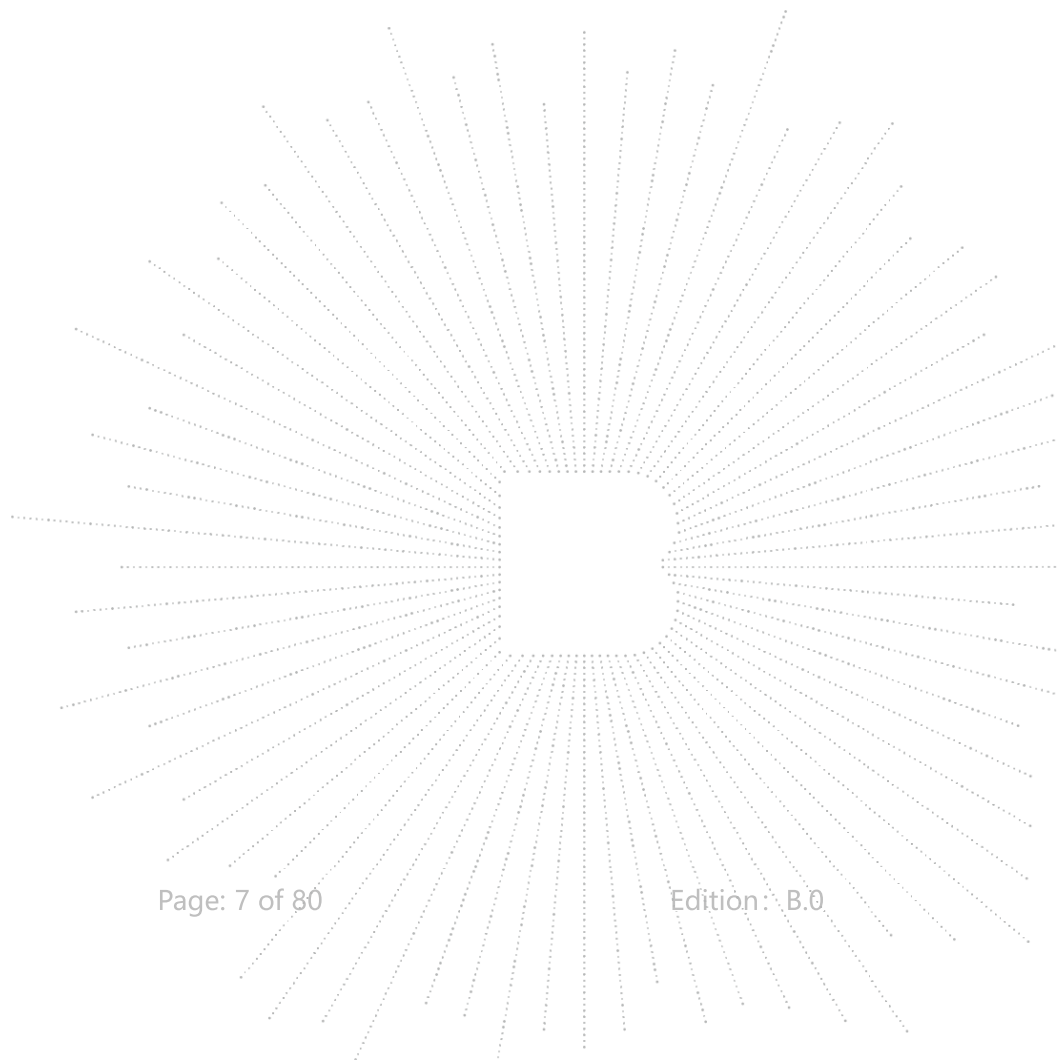
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.09	-0.22	20.72	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.17	-0.22	20.80	PASS
Band12	1.4	23017	1	#Max	QPSK	23.11	-0.22	20.74	PASS
Band12	1.4	23017	3	#0	QPSK	23.16	-0.22	20.79	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.25	-0.22	20.88	PASS
Band12	1.4	23017	3	#Max	QPSK	23.25	-0.22	20.88	PASS
Band12	1.4	23017	6	#0	QPSK	22.64	-0.22	20.27	PASS
Band12	1.4	23017	1	#0	16QAM	23.38	-0.22	21.01	PASS
Band12	1.4	23017	1	#Mid	16QAM	23.39	-0.22	21.02	PASS
Band12	1.4	23017	1	#Max	16QAM	23.37	-0.22	21.00	PASS
Band12	1.4	23017	3	#0	16QAM	22.78	-0.22	20.41	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.80	-0.22	20.43	PASS
Band12	1.4	23017	3	#Max	16QAM	22.80	-0.22	20.43	PASS
Band12	1.4	23017	6	#0	16QAM	22.02	-0.22	19.65	PASS
Band12	1.4	23095	1	#0	QPSK	23.25	-0.22	20.88	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.21	-0.22	20.84	PASS
Band12	1.4	23095	1	#Max	QPSK	23.28	-0.22	20.91	PASS
Band12	1.4	23095	3	#0	QPSK	23.20	-0.22	20.83	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.21	-0.22	20.84	PASS
Band12	1.4	23095	3	#Max	QPSK	23.15	-0.22	20.78	PASS
Band12	1.4	23095	6	#0	QPSK	22.78	-0.22	20.41	PASS
Band12	1.4	23095	1	#0	16QAM	22.69	-0.22	20.32	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.75	-0.22	20.38	PASS
Band12	1.4	23095	1	#Max	16QAM	22.76	-0.22	20.39	PASS
Band12	1.4	23095	3	#0	16QAM	22.67	-0.22	20.30	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.65	-0.22	20.28	PASS
Band12	1.4	23095	3	#Max	16QAM	22.58	-0.22	20.21	PASS
Band12	1.4	23095	6	#0	16QAM	21.77	-0.22	19.40	PASS
Band12	1.4	23173	1	#0	QPSK	23.32	-0.22	20.95	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.37	-0.22	21.00	PASS
Band12	1.4	23173	1	#Max	QPSK	23.42	-0.22	21.05	PASS
Band12	1.4	23173	3	#0	QPSK	23.37	-0.22	21.00	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.39	-0.22	21.02	PASS
Band12	1.4	23173	3	#Max	QPSK	23.38	-0.22	21.01	PASS
Band12	1.4	23173	6	#0	QPSK	22.95	-0.22	20.58	PASS
Band12	1.4	23173	1	#0	16QAM	23.81	-0.22	21.44	PASS
Band12	1.4	23173	1	#Mid	16QAM	23.82	-0.22	21.45	PASS

Band12	1.4	23173	1	#Max	16QAM	23.81	-0.22	21.44	PASS
Band12	1.4	23173	3	#0	16QAM	22.92	-0.22	20.55	PASS
Band12	1.4	23173	3	#Mid	16QAM	23.01	-0.22	20.64	PASS
Band12	1.4	23173	3	#Max	16QAM	23.03	-0.22	20.66	PASS
Band12	1.4	23173	6	#0	16QAM	21.89	-0.22	19.52	PASS
Band12	3	23025	1	#0	QPSK	23.06	-0.22	20.69	PASS
Band12	3	23025	1	#Mid	QPSK	23.05	-0.22	20.68	PASS
Band12	3	23025	1	#Max	QPSK	23.06	-0.22	20.69	PASS
Band12	3	23025	8	#0	QPSK	22.63	-0.22	20.26	PASS
Band12	3	23025	8	#Mid	QPSK	22.73	-0.22	20.36	PASS
Band12	3	23025	8	#Max	QPSK	22.70	-0.22	20.33	PASS
Band12	3	23025	15	#0	QPSK	22.65	-0.22	20.28	PASS
Band12	3	23025	1	#0	16QAM	23.68	-0.22	21.31	PASS
Band12	3	23025	1	#Mid	16QAM	23.66	-0.22	21.29	PASS
Band12	3	23025	1	#Max	16QAM	23.59	-0.22	21.22	PASS
Band12	3	23025	8	#0	16QAM	21.97	-0.22	19.60	PASS
Band12	3	23025	8	#Mid	16QAM	22.01	-0.22	19.64	PASS
Band12	3	23025	8	#Max	16QAM	22.04	-0.22	19.67	PASS
Band12	3	23025	15	#0	16QAM	22.16	-0.22	19.79	PASS
Band12	3	23095	1	#0	QPSK	23.31	-0.22	20.94	PASS
Band12	3	23095	1	#Mid	QPSK	23.28	-0.22	20.91	PASS
Band12	3	23095	1	#Max	QPSK	23.36	-0.22	20.99	PASS
Band12	3	23095	8	#0	QPSK	22.72	-0.22	20.35	PASS
Band12	3	23095	8	#Mid	QPSK	22.63	-0.22	20.26	PASS
Band12	3	23095	8	#Max	QPSK	22.60	-0.22	20.23	PASS
Band12	3	23095	15	#0	QPSK	22.75	-0.22	20.38	PASS
Band12	3	23095	1	#0	16QAM	22.73	-0.22	20.36	PASS
Band12	3	23095	1	#Mid	16QAM	22.77	-0.22	20.40	PASS
Band12	3	23095	1	#Max	16QAM	22.68	-0.22	20.31	PASS
Band12	3	23095	8	#0	16QAM	21.76	-0.22	19.39	PASS
Band12	3	23095	8	#Mid	16QAM	21.71	-0.22	19.34	PASS
Band12	3	23095	8	#Max	16QAM	21.68	-0.22	19.31	PASS
Band12	3	23095	15	#0	16QAM	21.76	-0.22	19.39	PASS
Band12	3	23165	1	#0	QPSK	23.40	-0.22	21.03	PASS
Band12	3	23165	1	#Mid	QPSK	23.39	-0.22	21.02	PASS
Band12	3	23165	1	#Max	QPSK	23.42	-0.22	21.05	PASS
Band12	3	23165	8	#0	QPSK	22.81	-0.22	20.44	PASS
Band12	3	23165	8	#Mid	QPSK	22.75	-0.22	20.38	PASS
Band12	3	23165	8	#Max	QPSK	22.72	-0.22	20.35	PASS
Band12	3	23165	15	#0	QPSK	22.85	-0.22	20.48	PASS
Band12	3	23165	1	#0	16QAM	22.91	-0.22	20.54	PASS
Band12	3	23165	1	#Mid	16QAM	22.93	-0.22	20.56	PASS

Band12	3	23165	1	#Max	16QAM	22.97	-0.22	20.60	PASS
Band12	3	23165	8	#0	16QAM	21.86	-0.22	19.49	PASS
Band12	3	23165	8	#Mid	16QAM	21.89	-0.22	19.52	PASS
Band12	3	23165	8	#Max	16QAM	21.88	-0.22	19.51	PASS
Band12	3	23165	15	#0	16QAM	21.94	-0.22	19.57	PASS
Band12	5	23035	1	#0	QPSK	23.11	-0.22	20.74	PASS
Band12	5	23035	1	#Mid	QPSK	23.02	-0.22	20.65	PASS
Band12	5	23035	1	#Max	QPSK	23.09	-0.22	20.72	PASS
Band12	5	23035	12	#0	QPSK	22.65	-0.22	20.28	PASS
Band12	5	23035	12	#Mid	QPSK	22.71	-0.22	20.34	PASS
Band12	5	23035	12	#Max	QPSK	22.71	-0.22	20.34	PASS
Band12	5	23035	25	#0	QPSK	22.64	-0.22	20.27	PASS
Band12	5	23035	1	#0	16QAM	22.82	-0.22	20.45	PASS
Band12	5	23035	1	#Mid	16QAM	22.82	-0.22	20.45	PASS
Band12	5	23035	1	#Max	16QAM	22.74	-0.22	20.37	PASS
Band12	5	23035	12	#0	16QAM	22.05	-0.22	19.68	PASS
Band12	5	23035	12	#Mid	16QAM	21.98	-0.22	19.61	PASS
Band12	5	23035	12	#Max	16QAM	21.97	-0.22	19.60	PASS
Band12	5	23035	25	#0	16QAM	22.20	-0.22	19.83	PASS
Band12	5	23095	1	#0	QPSK	23.19	-0.22	20.82	PASS
Band12	5	23095	1	#Mid	QPSK	23.21	-0.22	20.84	PASS
Band12	5	23095	1	#Max	QPSK	23.19	-0.22	20.82	PASS
Band12	5	23095	12	#0	QPSK	22.67	-0.22	20.30	PASS
Band12	5	23095	12	#Mid	QPSK	22.79	-0.22	20.42	PASS
Band12	5	23095	12	#Max	QPSK	22.70	-0.22	20.33	PASS
Band12	5	23095	25	#0	QPSK	22.69	-0.22	20.32	PASS
Band12	5	23095	1	#0	16QAM	22.80	-0.22	20.43	PASS
Band12	5	23095	1	#Mid	16QAM	22.89	-0.22	20.52	PASS
Band12	5	23095	1	#Max	16QAM	22.77	-0.22	20.40	PASS
Band12	5	23095	12	#0	16QAM	21.48	-0.22	19.11	PASS
Band12	5	23095	12	#Mid	16QAM	21.58	-0.22	19.21	PASS
Band12	5	23095	12	#Max	16QAM	21.51	-0.22	19.14	PASS
Band12	5	23095	25	#0	16QAM	21.74	-0.22	19.37	PASS
Band12	5	23155	1	#0	QPSK	23.05	-0.22	20.68	PASS
Band12	5	23155	1	#Mid	QPSK	23.08	-0.22	20.71	PASS
Band12	5	23155	1	#Max	QPSK	23.04	-0.22	20.67	PASS
Band12	5	23155	12	#0	QPSK	22.78	-0.22	20.41	PASS
Band12	5	23155	12	#Mid	QPSK	22.82	-0.22	20.45	PASS
Band12	5	23155	12	#Max	QPSK	22.75	-0.22	20.38	PASS
Band12	5	23155	25	#0	QPSK	22.84	-0.22	20.47	PASS
Band12	5	23155	1	#0	16QAM	23.33	-0.22	20.96	PASS
Band12	5	23155	1	#Mid	16QAM	23.31	-0.22	20.94	PASS

Band12	5	23155	1	#Max	16QAM	23.33	-0.22	20.96	PASS
Band12	5	23155	12	#0	16QAM	21.77	-0.22	19.40	PASS
Band12	5	23155	12	#Mid	16QAM	21.77	-0.22	19.40	PASS
Band12	5	23155	12	#Max	16QAM	21.77	-0.22	19.40	PASS
Band12	5	23155	25	#0	16QAM	21.95	-0.22	19.58	PASS
Band12	10	23060	1	#0	QPSK	23.19	-0.22	20.82	PASS
Band12	10	23060	1	#Mid	QPSK	23.16	-0.22	20.79	PASS
Band12	10	23060	1	#Max	QPSK	23.18	-0.22	20.81	PASS
Band12	10	23060	25	#0	QPSK	22.76	-0.22	20.39	PASS
Band12	10	23060	25	#Mid	QPSK	22.64	-0.22	20.27	PASS
Band12	10	23060	25	#Max	QPSK	22.77	-0.22	20.40	PASS
Band12	10	23060	50	#0	QPSK	22.76	-0.22	20.39	PASS
Band12	10	23060	1	#0	16QAM	23.81	-0.22	21.44	PASS
Band12	10	23060	1	#Mid	16QAM	23.76	-0.22	21.39	PASS
Band12	10	23060	1	#Max	16QAM	23.83	-0.22	21.46	PASS
Band12	10	23060	25	#0	16QAM	21.97	-0.22	19.60	PASS
Band12	10	23060	25	#Mid	16QAM	22.05	-0.22	19.68	PASS
Band12	10	23060	25	#Max	16QAM	21.66	-0.22	19.29	PASS
Band12	10	23060	50	#0	16QAM	22.09	-0.22	19.72	PASS
Band12	10	23095	1	#0	QPSK	23.15	-0.22	20.78	PASS
Band12	10	23095	1	#Mid	QPSK	23.30	-0.22	20.93	PASS
Band12	10	23095	1	#Max	QPSK	23.34	-0.22	20.97	PASS
Band12	10	23095	25	#0	QPSK	22.58	-0.22	20.21	PASS
Band12	10	23095	25	#Mid	QPSK	22.83	-0.22	20.46	PASS
Band12	10	23095	25	#Max	QPSK	22.77	-0.22	20.40	PASS
Band12	10	23095	50	#0	QPSK	22.69	-0.22	20.32	PASS
Band12	10	23095	1	#0	16QAM	23.45	-0.22	21.08	PASS
Band12	10	23095	1	#Mid	16QAM	23.50	-0.22	21.13	PASS
Band12	10	23095	1	#Max	16QAM	23.54	-0.22	21.17	PASS
Band12	10	23095	25	#0	16QAM	21.74	-0.22	19.37	PASS
Band12	10	23095	25	#Mid	16QAM	21.82	-0.22	19.45	PASS
Band12	10	23095	25	#Max	16QAM	21.80	-0.22	19.43	PASS
Band12	10	23095	50	#0	16QAM	21.87	-0.22	19.50	PASS
Band12	10	23130	1	#0	QPSK	23.10	-0.22	20.73	PASS
Band12	10	23130	1	#Mid	QPSK	23.18	-0.22	20.81	PASS
Band12	10	23130	1	#Max	QPSK	23.44	-0.22	21.07	PASS
Band12	10	23130	25	#0	QPSK	22.80	-0.22	20.43	PASS
Band12	10	23130	25	#Mid	QPSK	22.69	-0.22	20.32	PASS
Band12	10	23130	25	#Max	QPSK	22.76	-0.22	20.39	PASS
Band12	10	23130	50	#0	QPSK	22.67	-0.22	20.30	PASS
Band12	10	23130	1	#0	16QAM	23.19	-0.22	20.82	PASS
Band12	10	23130	1	#Mid	16QAM	23.17	-0.22	20.80	PASS

Band12	10	23130	1	#Max	16QAM	23.30	-0.22	20.93	PASS
Band12	10	23130	25	#0	16QAM	21.79	-0.22	19.42	PASS
Band12	10	23130	25	#Mid	16QAM	21.82	-0.22	19.45	PASS
Band12	10	23130	25	#Max	16QAM	21.88	-0.22	19.51	PASS
Band12	10	23130	50	#0	16QAM	21.78	-0.22	19.41	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
Band1 2	1.4	23017	6	#0	QPSK	LV	NT	-8.87	-0.013	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	NT	-17.81	-0.025	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	HV	NT	-26.42	-0.038	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	16QAM	LV	NT	-35.86	-0.051	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	16QAM	NV	NT	-44.32	-0.063	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	16QAM	HV	NT	-49.21	-0.070	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	LV	NT	-3.43	-0.005	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	NT	-6.31	-0.009	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	HV	NT	-8.57	-0.012	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	16QAM	LV	NT	-10.91	-0.015	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	16QAM	NV	NT	-12.72	-0.018	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	16QAM	HV	NT	-15.23	-0.022	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	LV	NT	-8.88	-0.012	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	NT	-12.27	-0.017	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	HV	NT	-15.64	-0.022	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	16QAM	LV	NT	-19.11	-0.027	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	16QAM	NV	NT	-23.00	-0.032	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	16QAM	HV	NT	-27.9	-0.03	-2.5	2.5	PASS

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Band1 2	3	23025	15	#0	QPSK	LV	NT	-2.69	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	NT	-6.95	-0.01	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	HV	NT	-12.8	-0.01	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	16QAM	LV	NT	-18.8	-0.02	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	16QAM	NV	NT	-24.0	-0.03	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	16QAM	HV	NT	-28.3	-0.04	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	LV	NT	-2.68	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	NT	-5.62	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	HV	NT	-8.73	-0.01	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	16QAM	LV	NT	-12.7	-0.01	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	16QAM	NV	NT	-16.4	-0.02	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	16QAM	HV	NT	-20.2	-0.02	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	LV	NT	-12.8	-0.01	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	NT	-17.8	-0.02	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	HV	NT	-23.7	-0.03	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	16QAM	LV	NT	-30.2	-0.04	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	16QAM	NV	NT	-35.6	-0.05	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	16QAM	HV	NT	2.26	0.003	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	LV	NT	-16.6	-0.02	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	NT	-23.4	-0.03	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	HV	NT	-43.6	-0.06	-2.5	2.5	PASS

Band1 2	5	23035	25	#0	16QAM	LV	NT	-12.5 0	-0.01 8	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	16QAM	NV	NT	-31.1 9	-0.04 4	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	16QAM	HV	NT	-17.5 4	-0.02 5	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	LV	NT	-24.3 2	-0.03 4	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	NT	-35.6 6	-0.05 0	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	HV	NT	-47.0 9	-0.06 7	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	16QAM	LV	NT	-9.26 3	-0.01 3	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	16QAM	NV	NT	-16.8 2	-0.02 4	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	16QAM	HV	NT	-9.84 4	-0.01 4	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	LV	NT	6.97	0.010	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	NV	NT	9.14	0.013	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	QPSK	HV	NT	8.50	0.012	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	16QAM	LV	NT	9.23	0.013	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	16QAM	NV	NT	8.08	0.011	-2.5	2.5	PASS
Band1 2	5	23155	25	#0	16QAM	HV	NT	6.19	0.009	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	LV	NT	7.74	0.011	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	NT	1.69	0.002	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	HV	NT	-5.32 8	-0.00 8	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	16QAM	LV	NT	-12.7 3	-0.01 8	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	16QAM	NV	NT	-18.5 8	-0.02 6	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	16QAM	HV	NT	-24.8 1	-0.03 5	-2.5	2.5	PASS
Band1	10	23095	50	#0	QPSK	LV	NT	-6.64	-0.00	-2.5	2.5	PASS

2									9			
Band1 2	10	23095	50	#0	QPSK	NV	NT	-10.5 0	-0.01 5	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	HV	NT	-12.9 5	-0.01 8	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	16QAM	LV	NT	-13.6 9	-0.01 9	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	16QAM	NV	NT	-14.4 6	-0.02 0	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	16QAM	HV	NT	-13.9 8	-0.02 0	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	LV	NT	-7.71	-0.011	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	NT	-9.64	-0.01 4	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	HV	NT	-14.3 5	-0.02 0	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	16QAM	LV	NT	-27.5 4	-0.03 9	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	16QAM	NV	NT	-33.1 3	-0.04 7	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	16QAM	HV	NT	-35.9 3	-0.05 1	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	-30	18.17	0.026	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	-20	21.90	0.031	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	0	27.28	0.039	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	10	32.46	0.046	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	20	36.38	0.052	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	16QAM	NV	-30	41.24	0.059	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	16QAM	NV	-20	44.39	0.063	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	16QAM	NV	0	47.04	0.067	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	16QAM	NV	10	49.15	0.070	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	16QAM	NV	20	7.41	0.011	-2.5	2.5	PASS

Band1 2	1.4	23095	6	#0	QPSK	NV	-30	-3.71	-0.00 5	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	-20	-1.37	-0.00 2	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	0	-0.80	-0.00 1	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	10	0.20	0.000	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	20	1.60	0.002	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	16QAM	NV	-30	3.48	0.005	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	16QAM	NV	-20	3.72	0.005	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	16QAM	NV	0	4.94	0.007	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	16QAM	NV	10	4.89	0.007	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	16QAM	NV	20	6.17	0.009	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	-30	2.83	0.004	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	-20	2.68	0.004	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	0	2.88	0.004	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	10	1.77	0.002	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	20	1.27	0.002	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	16QAM	NV	-30	0.84	0.001	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	16QAM	NV	-20	-0.59	-0.00 1	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	16QAM	NV	0	-1.60	-0.00 2	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	16QAM	NV	10	-1.62	-0.00 2	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	16QAM	NV	20	-2.76	-0.00 4	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	-30	-1.62	-0.00 2	-2.5	2.5	PASS
Band1	3	23025	15	#0	QPSK	NV	-20	-2.96	-0.00	-2.5	2.5	PASS

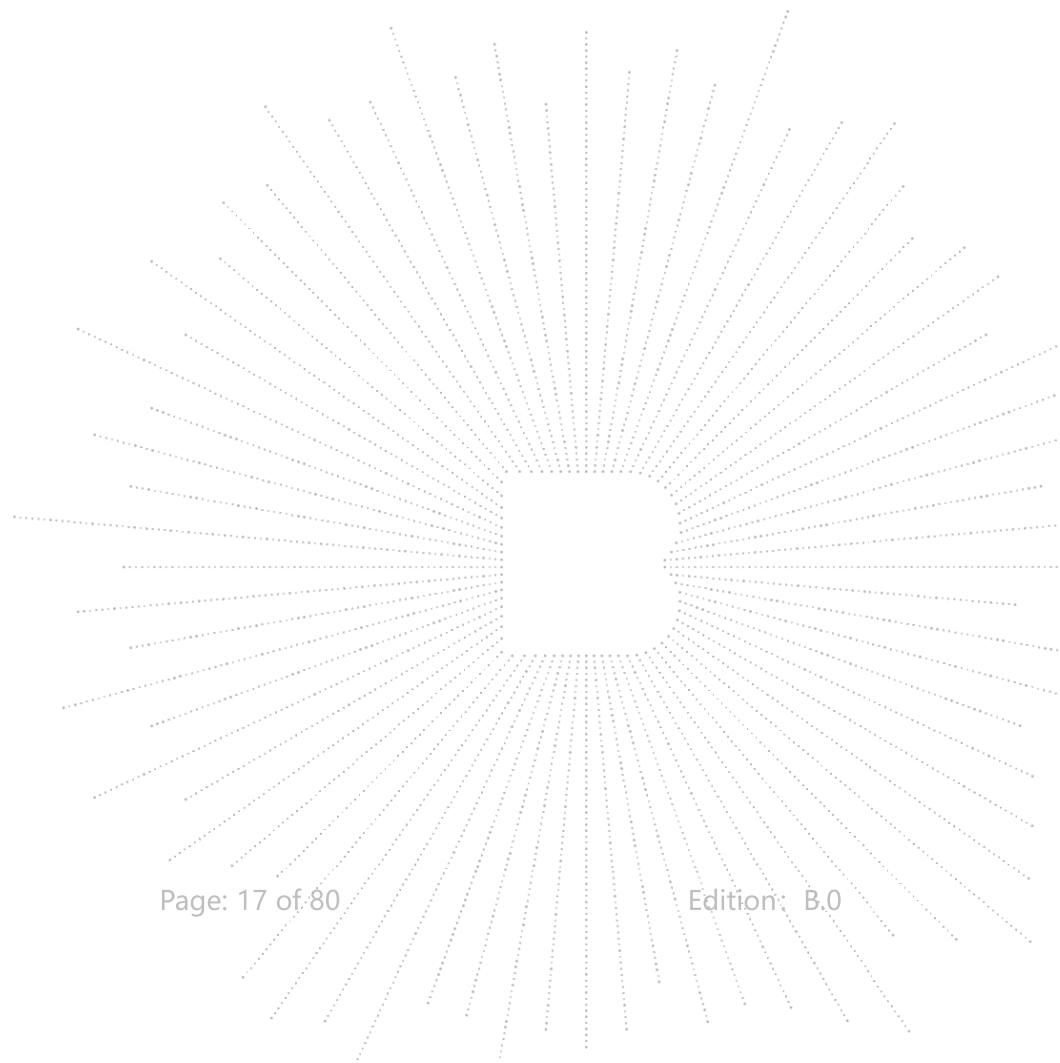
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Band1 2	3	23025	15	#0	QPSK	NV	0	-6.04 9	-0.00	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	10	-8.28 2	-0.01	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	QPSK	NV	20	-10.7 5	-0.01	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	16QAM	NV	-30	-13.2 6	-0.01	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	16QAM	NV	-20	-14.1 5	-0.02	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	16QAM	NV	0	-15.7 5	-0.02	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	16QAM	NV	10	-17.5 0	-0.02	-2.5	2.5	PASS
Band1 2	3	23025	15	#0	16QAM	NV	20	-18.5 3	-0.02	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	-30	-4.15 6	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	-20	-3.12 4	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	0	-2.73 4	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	10	-2.02 3	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	QPSK	NV	20	-1.57 2	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	16QAM	NV	-30	-1.19 2	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	16QAM	NV	-20	-0.60 1	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	16QAM	NV	0	-1.26 2	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	16QAM	NV	10	-0.87 1	-0.00	-2.5	2.5	PASS
Band1 2	3	23095	15	#0	16QAM	NV	20	-2.06 3	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	-30	1.66	0.002	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	-20	-5.14 7	-0.00	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	0	-3.15 4	-0.00	-2.5	2.5	PASS

Band1 2	3	23165	15	#0	QPSK	NV	10	-4.72	-0.00 7	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	QPSK	NV	20	-5.78	-0.00 8	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	16QAM	NV	-30	-7.57	-0.011	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	16QAM	NV	-20	-8.30	-0.01 2	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	16QAM	NV	0	-17.4 1	-0.02 4	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	16QAM	NV	10	-14.0 2	-0.02 0	-2.5	2.5	PASS
Band1 2	3	23165	15	#0	16QAM	NV	20	-14.9 6	-0.02 1	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	-30	-2.86	-0.00 4	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	-20	-6.75	-0.01 0	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	0	-9.66	-0.01 4	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	10	-13.0 0	-0.01 9	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	QPSK	NV	20	-16.0 8	-0.02 3	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	16QAM	NV	-30	-18.2 1	-0.02 6	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	16QAM	NV	-20	-19.8 3	-0.02 8	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	16QAM	NV	0	-21.2 4	-0.03 0	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	16QAM	NV	10	-23.2 7	-0.03 3	-2.5	2.5	PASS
Band1 2	5	23035	25	#0	16QAM	NV	20	-23.9 5	-0.03 4	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	-30	-4.23	-0.00 6	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	-20	-6.77	-0.01 0	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	0	-7.25	-0.01 0	-2.5	2.5	PASS
Band1 2	5	23095	25	#0	QPSK	NV	10	-9.21	-0.01 3	-2.5	2.5	PASS
Band1	5	23095	25	#0	QPSK	NV	20	-10.5	-0.01	-2.5	2.5	PASS

2								4	5			
Band1	5	23095	25	#0	16QAM	NV	-30	-11.42	-0.01	-2.5	2.5	PASS
2									6			
Band1	5	23095	25	#0	16QAM	NV	-20	-11.90	-0.01	-2.5	2.5	PASS
2									7			
Band1	5	23095	25	#0	16QAM	NV	0	-13.2	-0.01	-2.5	2.5	PASS
2								5	9			
Band1	5	23095	25	#0	16QAM	NV	10	-13.8	-0.02	-2.5	2.5	PASS
2								6	0			
Band1	5	23095	25	#0	16QAM	NV	20	-14.4	-0.02	-2.5	2.5	PASS
2								8	0			
Band1	5	23155	25	#0	QPSK	NV	-30	-11.70	-0.01	-2.5	2.5	PASS
2									6			
Band1	5	23155	25	#0	QPSK	NV	-20	-17.5	-0.02	-2.5	2.5	PASS
2								7	5			
Band1	5	23155	25	#0	QPSK	NV	0	-23.6	-0.03	-2.5	2.5	PASS
2								5	3			
Band1	5	23155	25	#0	QPSK	NV	10	-26.7	-0.03	-2.5	2.5	PASS
2								8	8			
Band1	5	23155	25	#0	QPSK	NV	20	-27.3	-0.03	-2.5	2.5	PASS
2								2	8			
Band1	5	23155	25	#0	16QAM	NV	-30	-21.8	-0.03	-2.5	2.5	PASS
2								9	1			
Band1	5	23155	25	#0	16QAM	NV	-20	-19.6	-0.02	-2.5	2.5	PASS
2								4	8			
Band1	5	23155	25	#0	16QAM	NV	0	-17.7	-0.02	-2.5	2.5	PASS
2								5	5			
Band1	5	23155	25	#0	16QAM	NV	10	-15.5	-0.02	-2.5	2.5	PASS
2								9	2			
Band1	5	23155	25	#0	16QAM	NV	20	-13.7	-0.01	-2.5	2.5	PASS
2								3	9			
Band1	10	23060	50	#0	QPSK	NV	-30	3.02	0.004	-2.5	2.5	PASS
2												
Band1	10	23060	50	#0	QPSK	NV	-20	-0.03	0.000	-2.5	2.5	PASS
2												
Band1	10	23060	50	#0	QPSK	NV	0	-3.15	-0.00	-2.5	2.5	PASS
2									4			
Band1	10	23060	50	#0	QPSK	NV	10	-5.84	-0.00	-2.5	2.5	PASS
2									8			
Band1	10	23060	50	#0	QPSK	NV	20	-8.70	-0.01	-2.5	2.5	PASS
2									2			
Band1	10	23060	50	#0	16QAM	NV	-30	-10.11	-0.01	-2.5	2.5	PASS
2									4			

Band1 2	10	23060	50	#0	16QAM	NV	-20	-11.50	-0.01 6	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	16QAM	NV	0	-13.6 2	-0.01 9	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	16QAM	NV	10	-11.67	-0.01 7	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	16QAM	NV	20	-8.83	-0.01 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-30	-0.93	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-20	2.80	0.004	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	0	2.88	0.004	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	10	3.71	0.005	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	20	1.17	0.002	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	16QAM	NV	-30	-2.00	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	16QAM	NV	-20	-3.03	-0.00 4	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	16QAM	NV	0	-4.22	-0.00 6	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	16QAM	NV	10	-6.14	-0.00 9	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	16QAM	NV	20	-5.85	-0.00 8	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-30	-5.42	-0.00 8	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-20	-8.60	-0.01 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	0	-11.50	-0.01 6	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	10	-15.1 3	-0.02 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	20	-18.1 0	-0.02 5	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	16QAM	NV	-30	-19.5 0	-0.02 7	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	16QAM	NV	-20	-20.2 4	-0.02 8	-2.5	2.5	PASS
Band1	10	23130	50	#0	16QAM	NV	0	-21.4	-0.03	-2.5	2.5	PASS

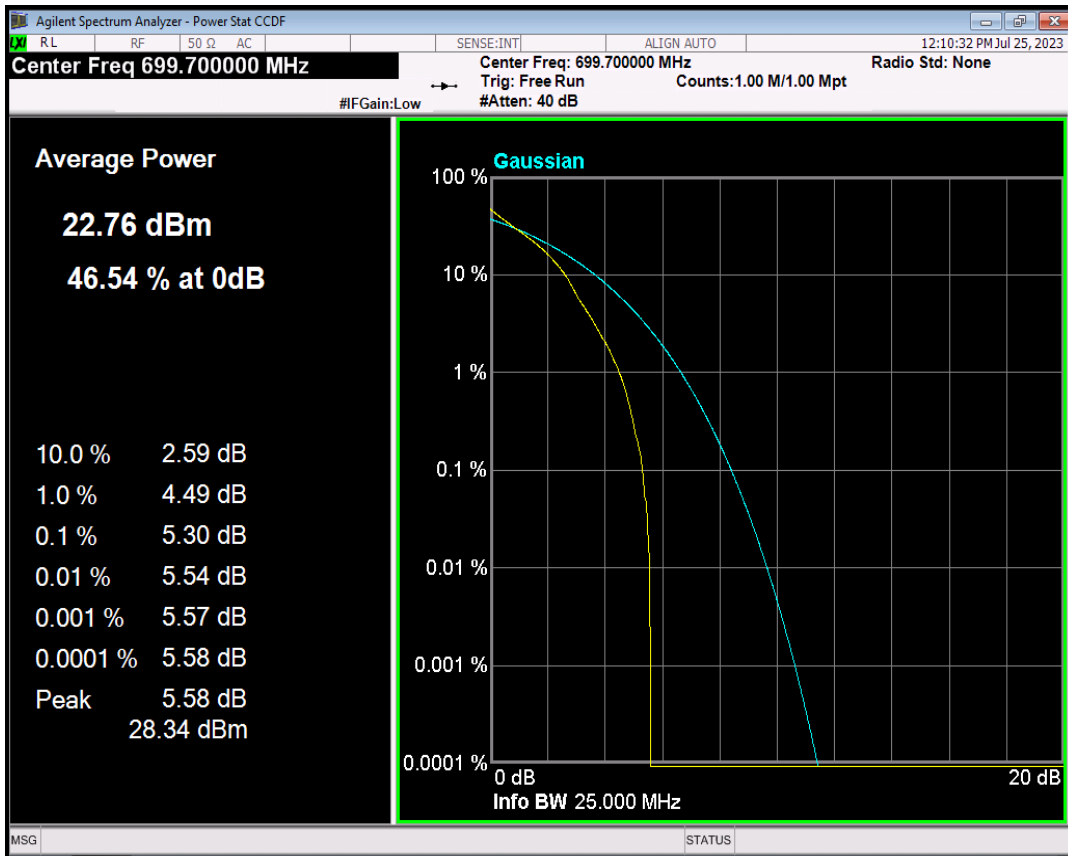
2								1	0			
Band1	10	23130	50	#0	16QAM	NV	10	-21.9	-0.03	-2.5	2.5	PASS
2								3	1			
Band1	10	23130	50	#0	16QAM	NV	20	-20.9	-0.02	-2.5	2.5	PASS
2								7	9			



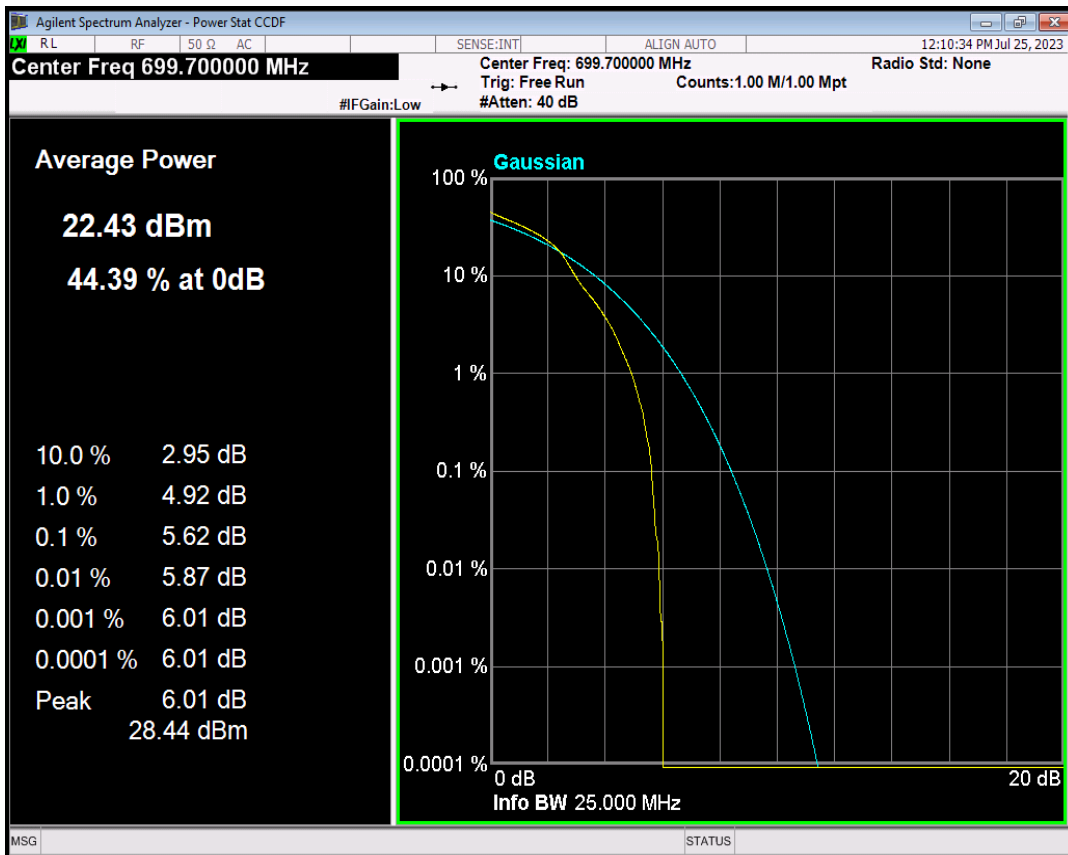
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	5.30	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.62	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.19	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.90	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.70	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.01	13	PASS
Band12	3	23025	1	#0	QPSK	5.19	13	PASS
Band12	3	23025	1	#0	16QAM	5.45	13	PASS
Band12	3	23095	1	#0	QPSK	5.17	13	PASS
Band12	3	23095	1	#0	16QAM	5.80	13	PASS
Band12	3	23165	1	#0	QPSK	4.36	13	PASS
Band12	3	23165	1	#0	16QAM	5.08	13	PASS
Band12	5	23035	1	#0	QPSK	5.27	13	PASS
Band12	5	23035	1	#0	16QAM	5.88	13	PASS
Band12	5	23095	1	#0	QPSK	5.12	13	PASS
Band12	5	23095	1	#0	16QAM	5.61	13	PASS
Band12	5	23155	1	#0	QPSK	3.98	13	PASS
Band12	5	23155	1	#0	16QAM	4.52	13	PASS
Band12	10	23060	1	#0	QPSK	4.97	13	PASS
Band12	10	23060	1	#0	16QAM	5.62	13	PASS
Band12	10	23095	1	#0	QPSK	4.60	13	PASS
Band12	10	23095	1	#0	16QAM	5.26	13	PASS
Band12	10	23130	1	#0	QPSK	5.11	13	PASS
Band12	10	23130	1	#0	16QAM	5.87	13	PASS

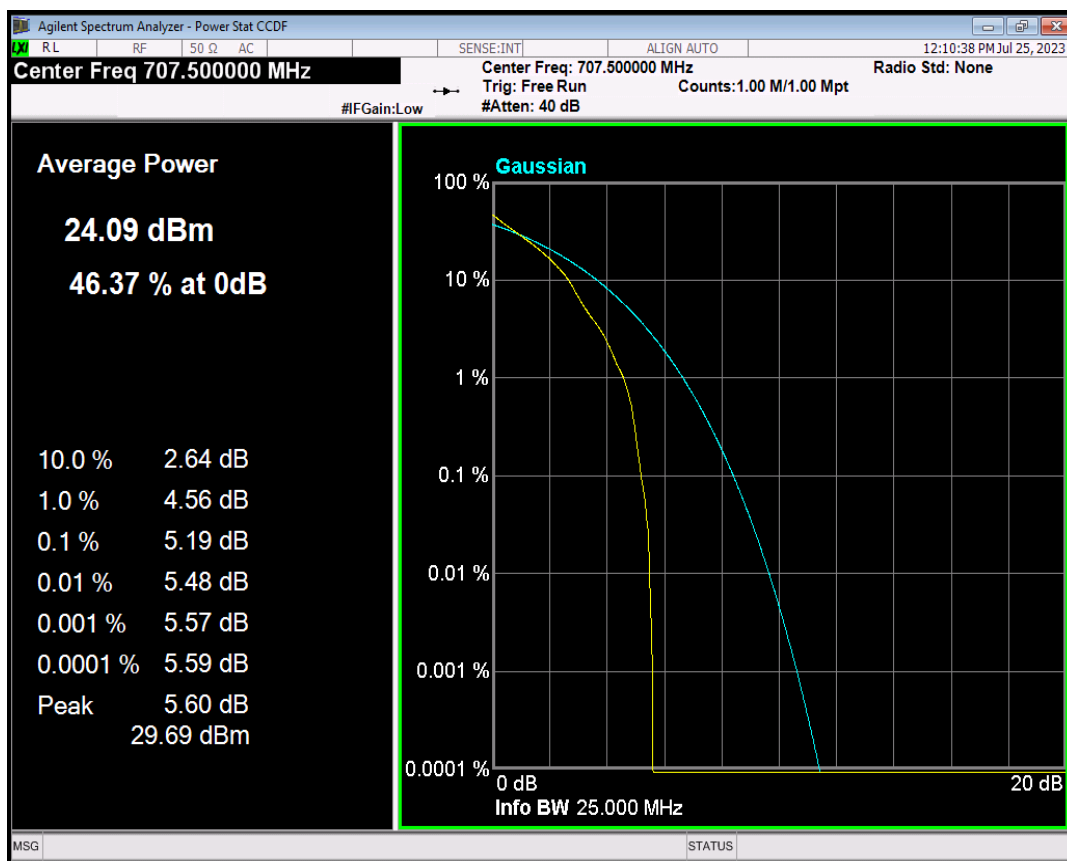
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



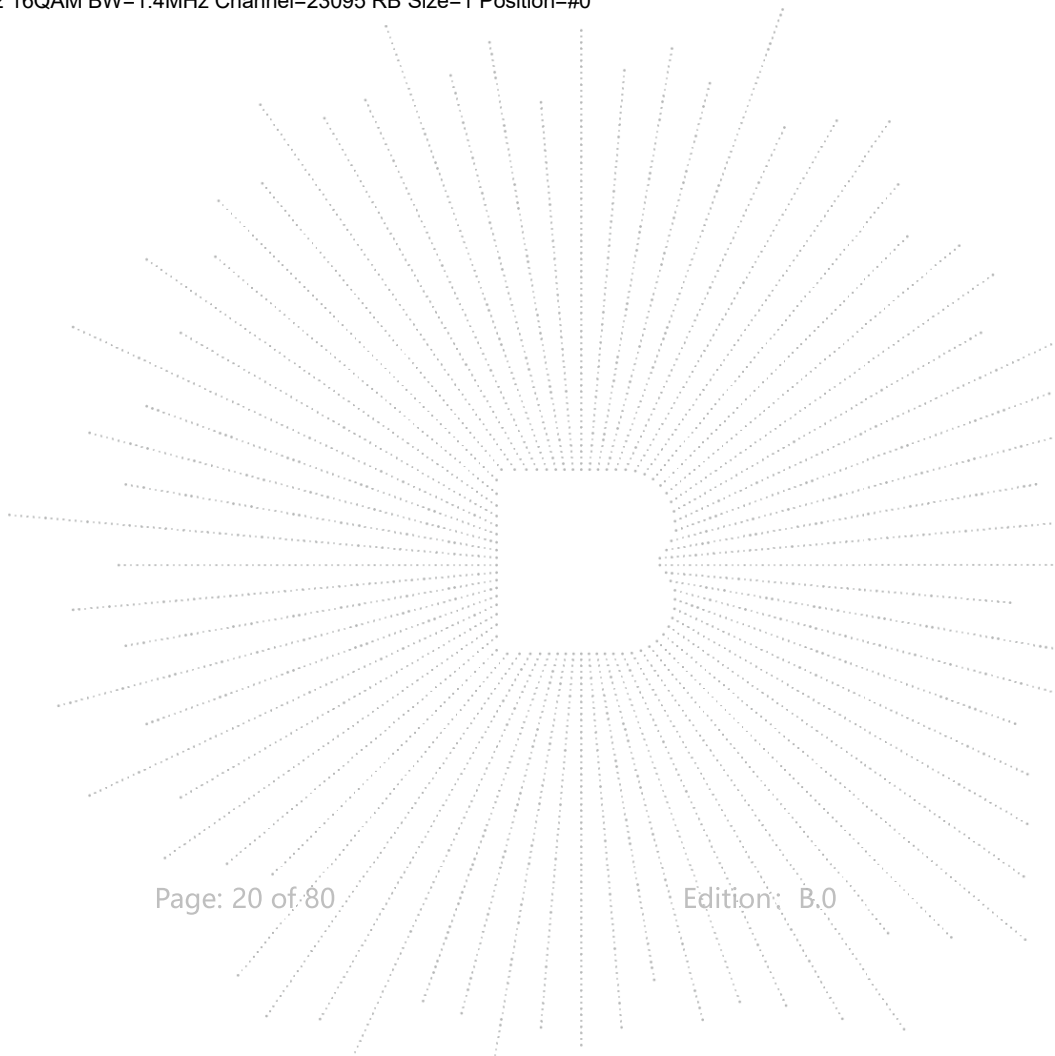
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0

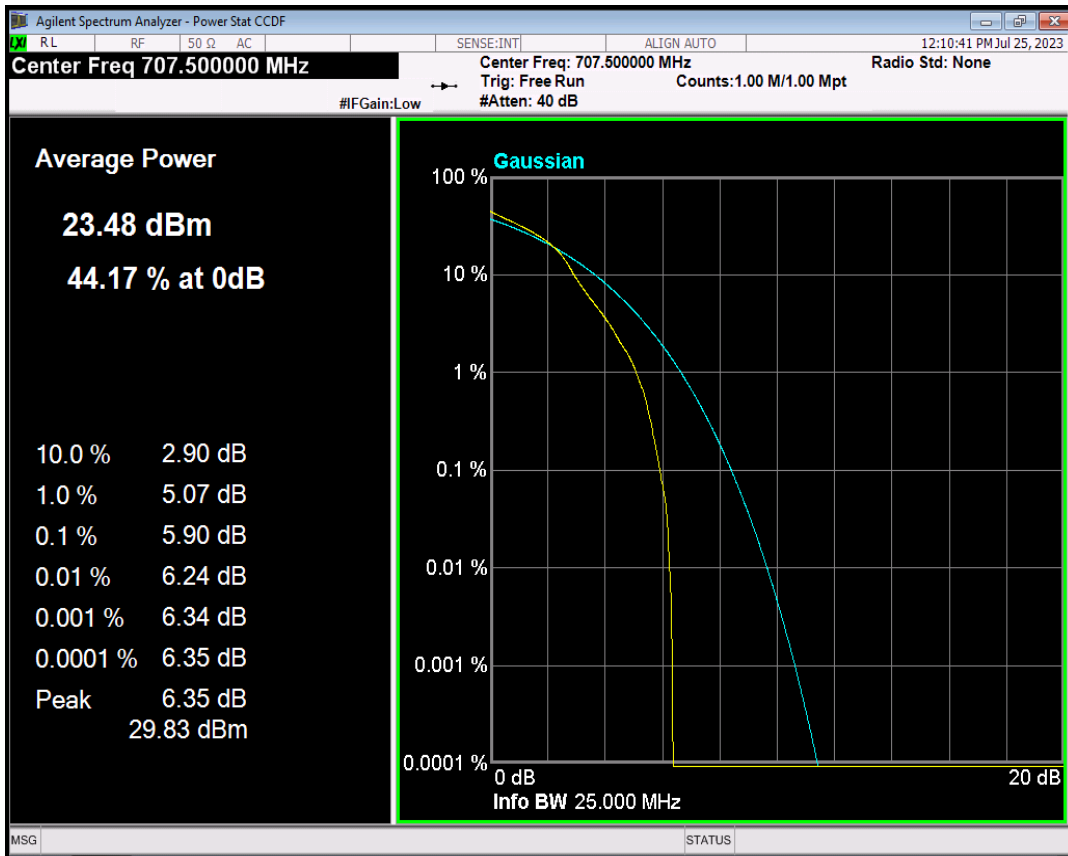


Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0

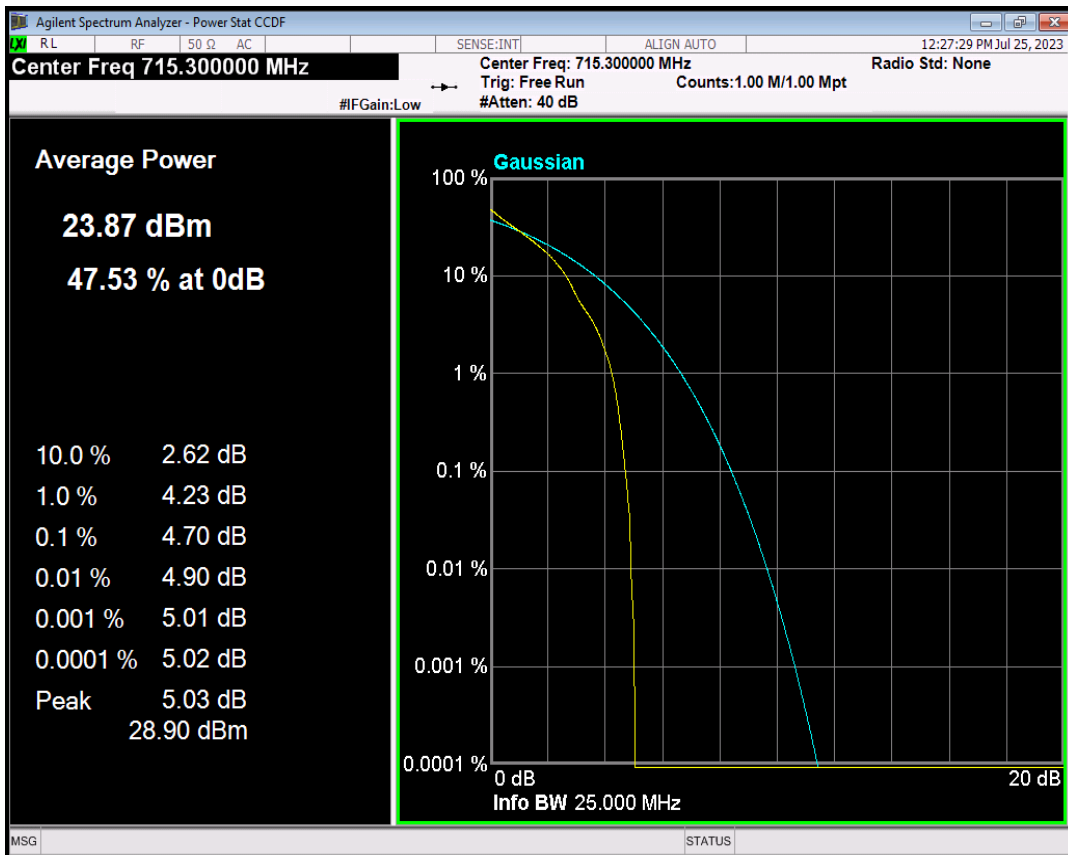


Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0

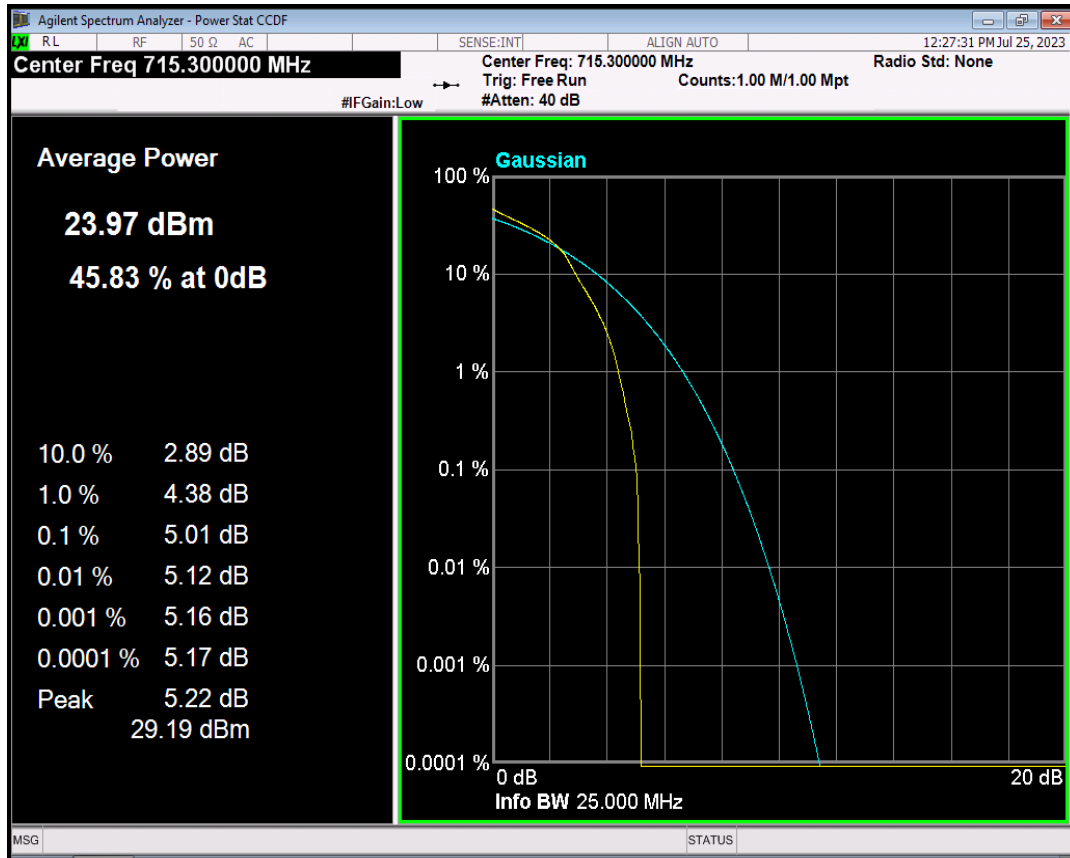




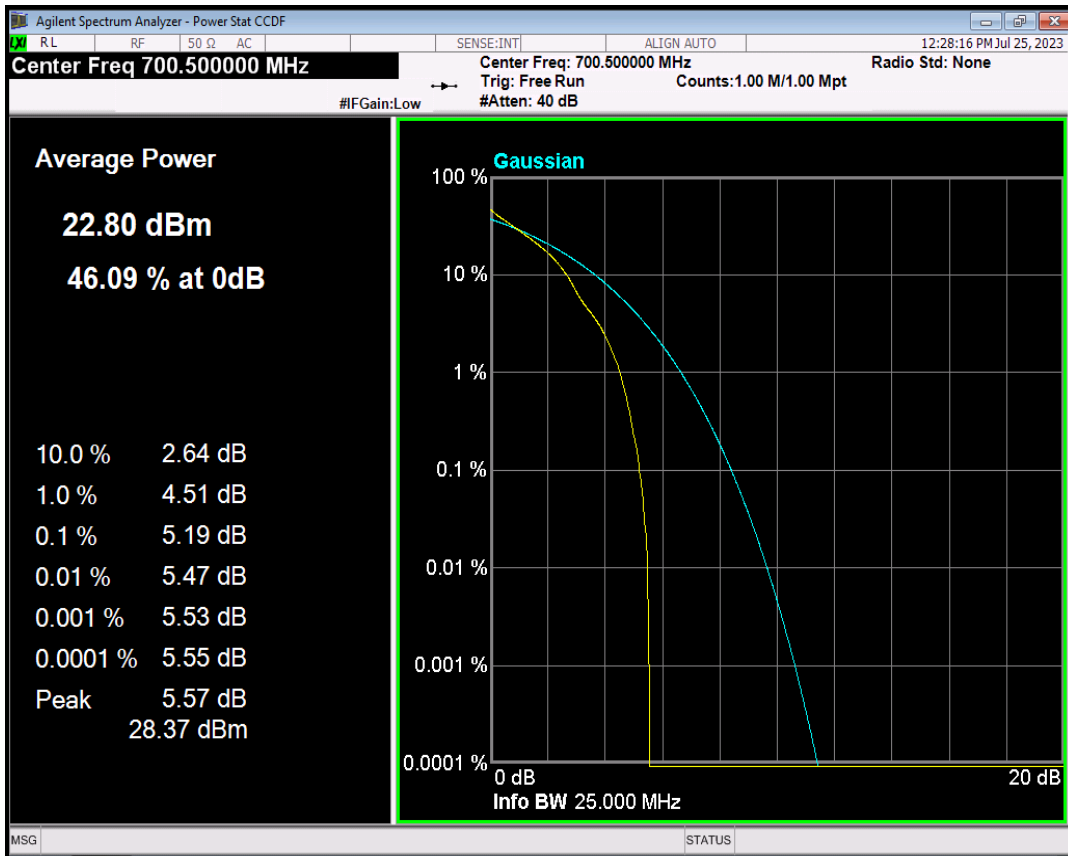
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



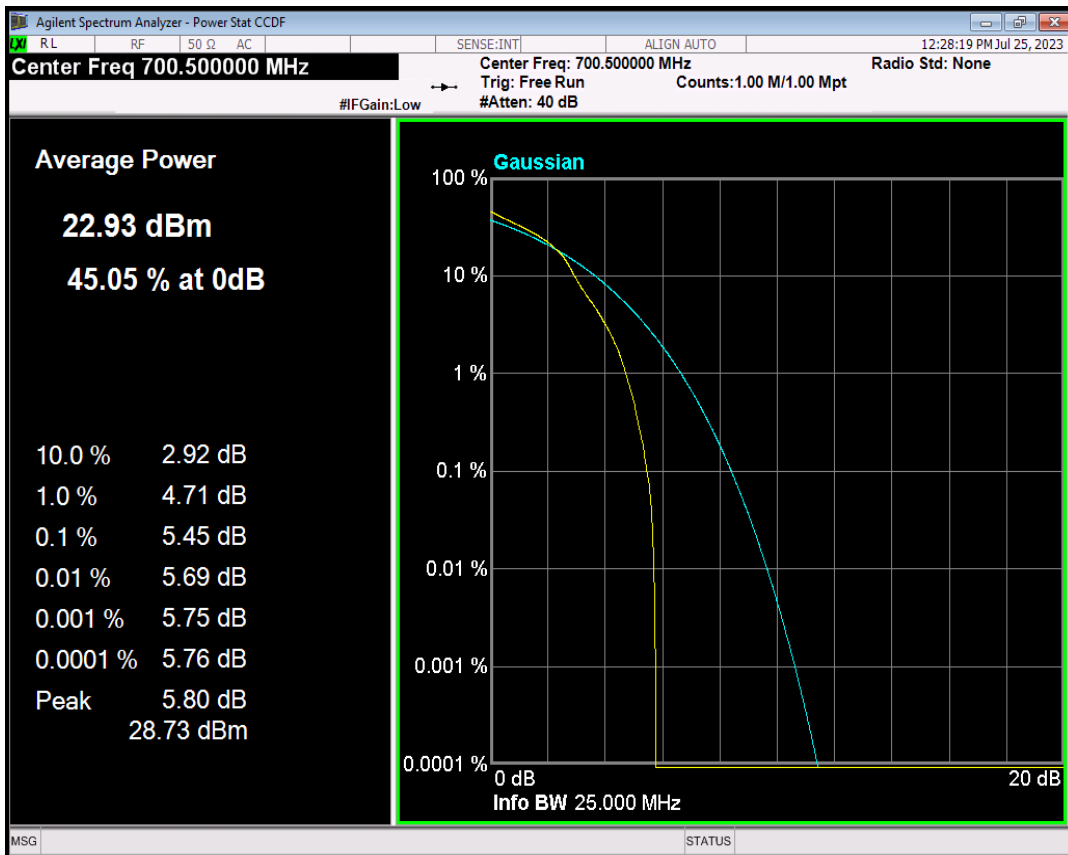
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



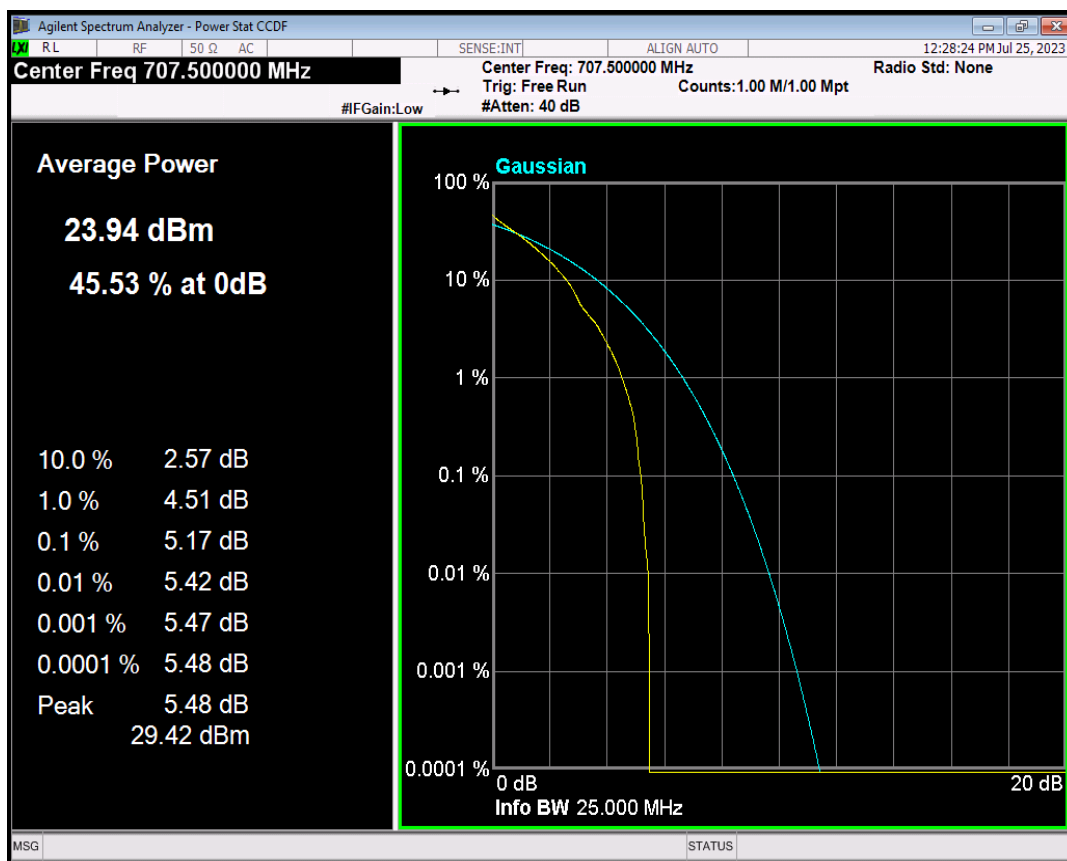
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



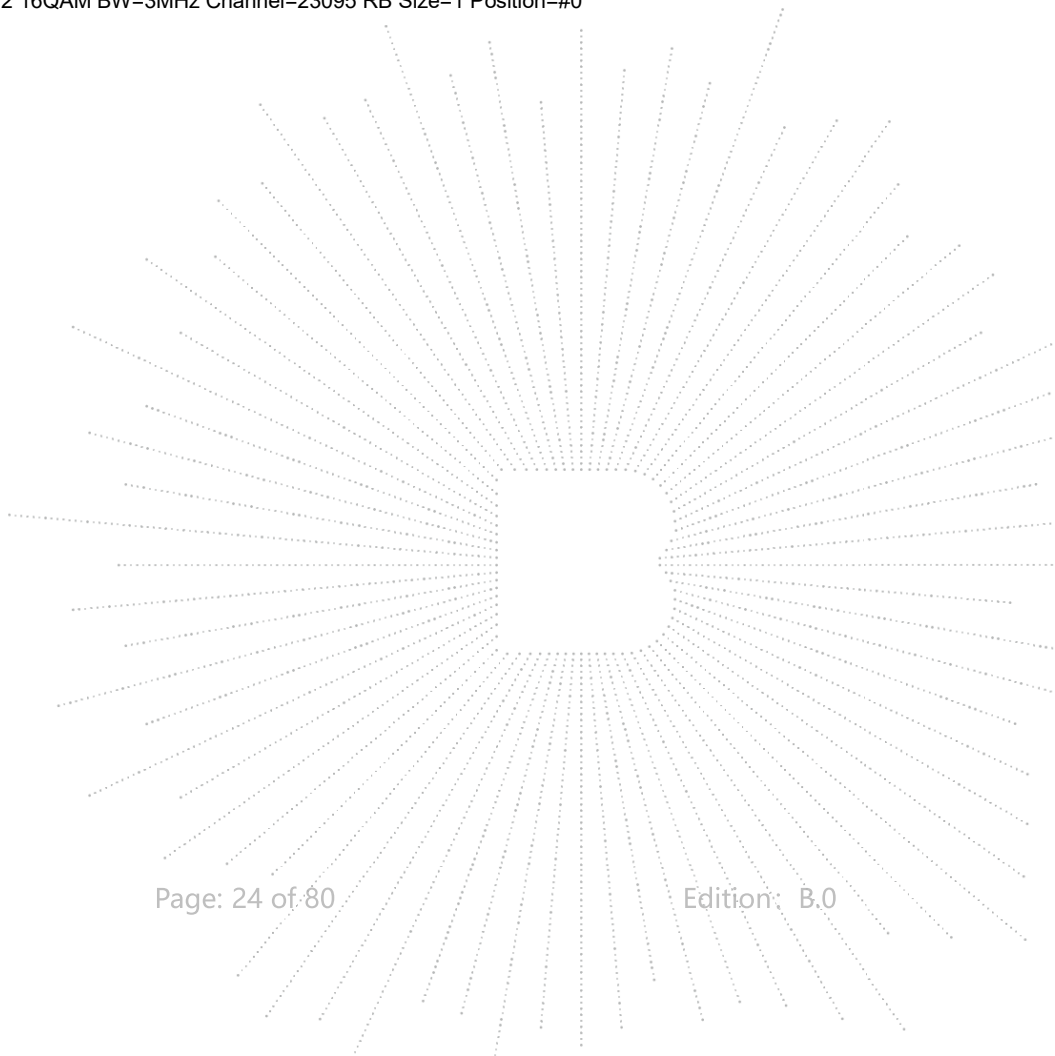
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0

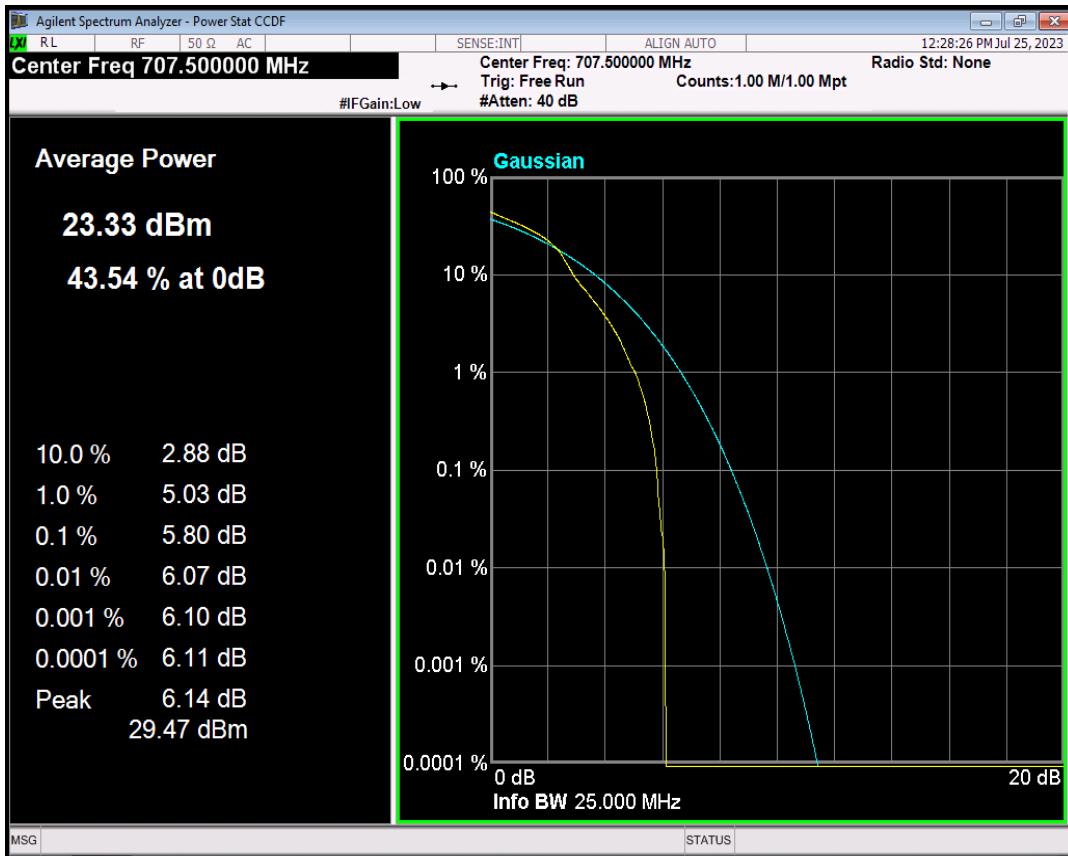


Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0

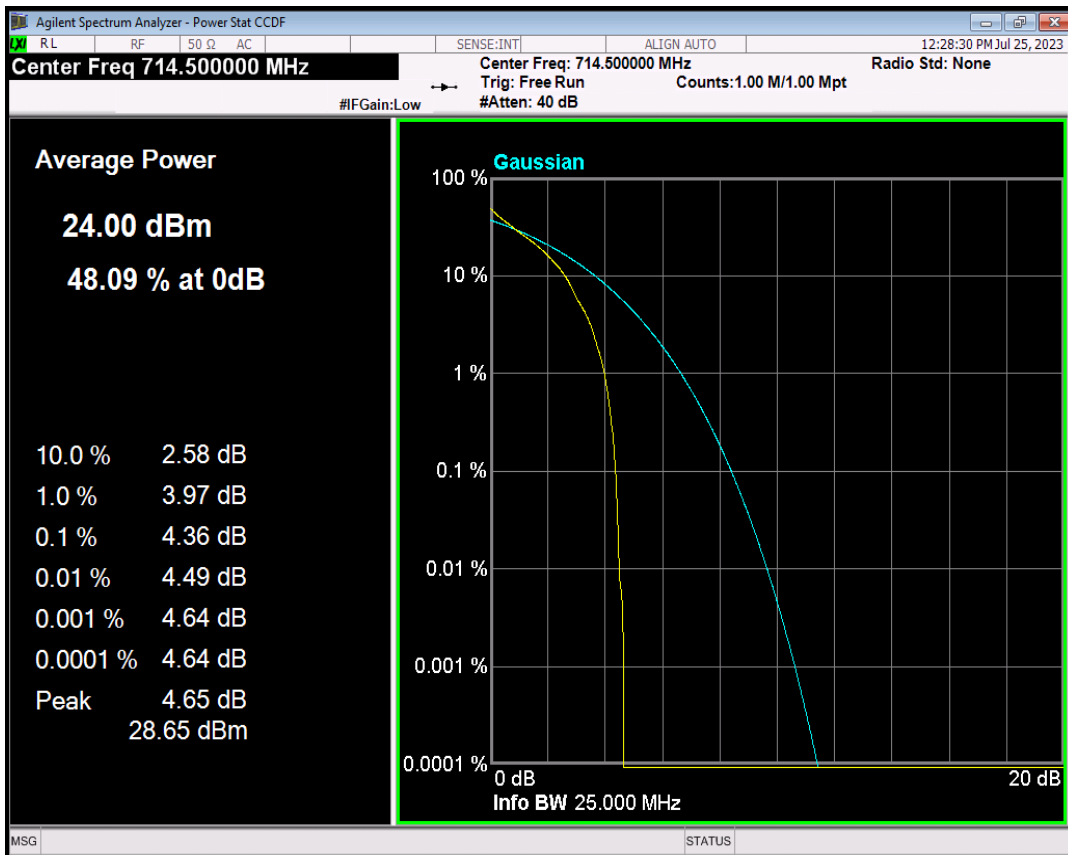


Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0

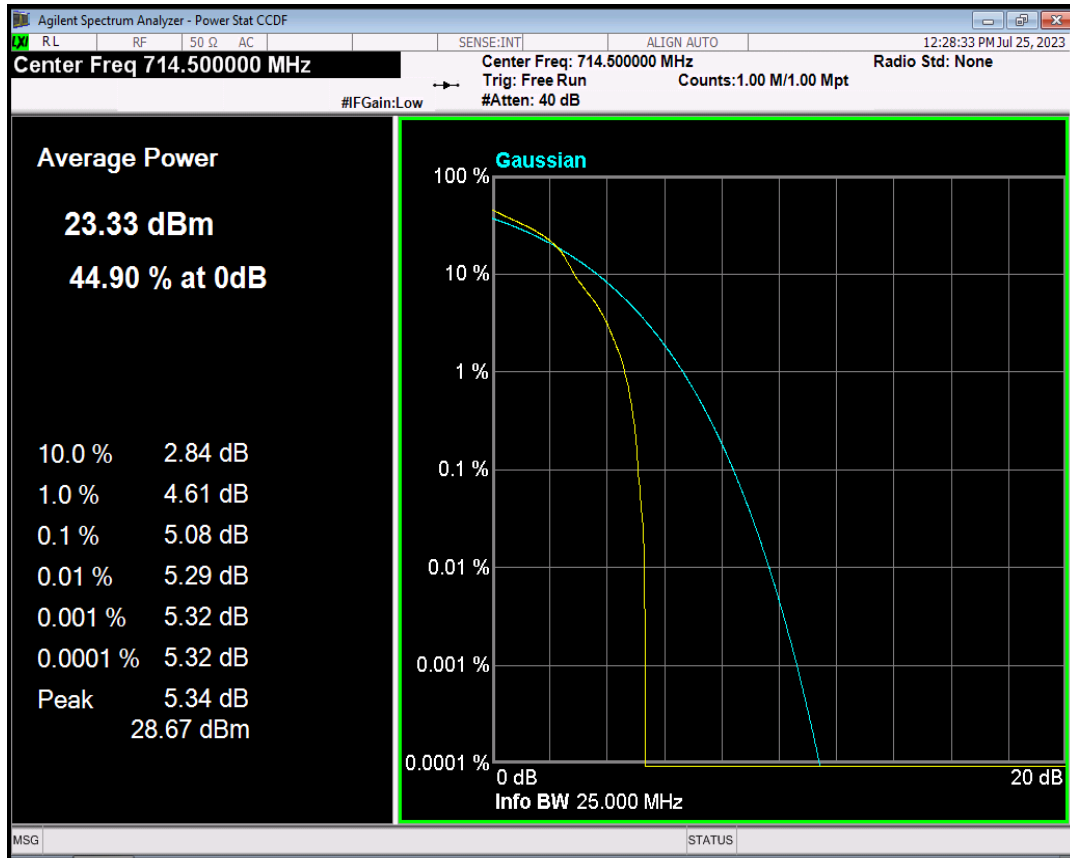




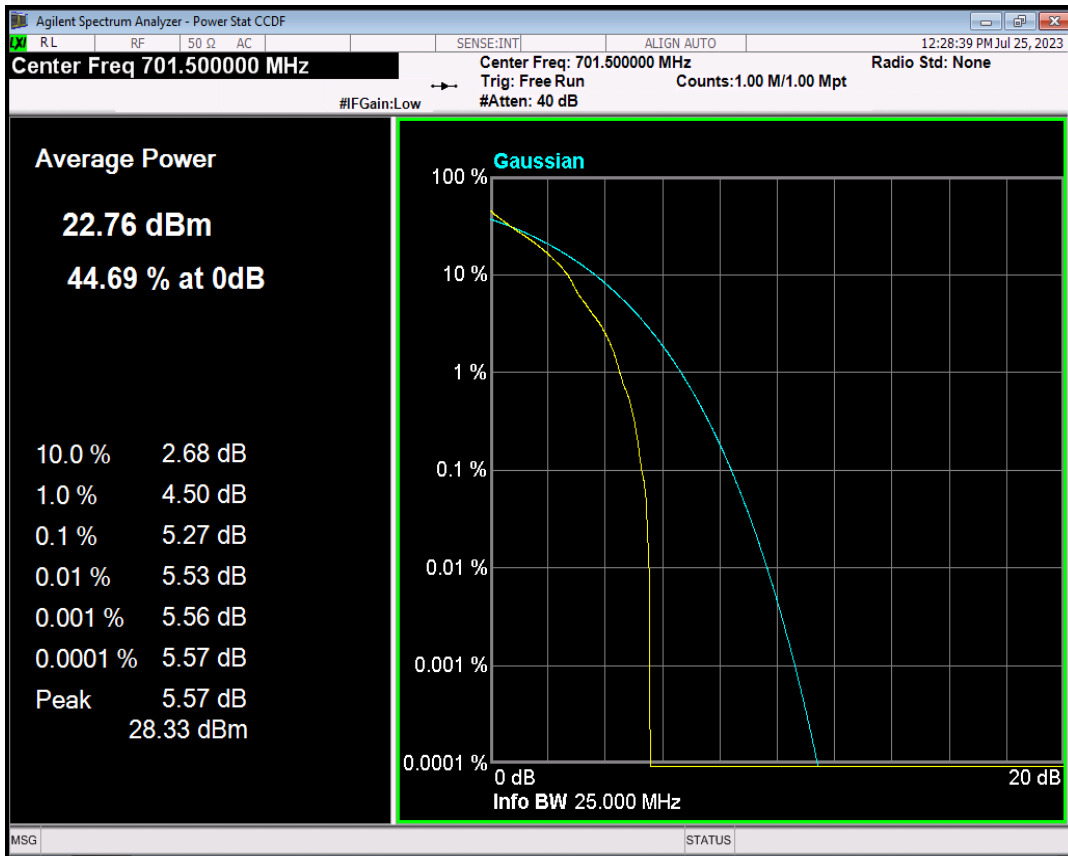
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



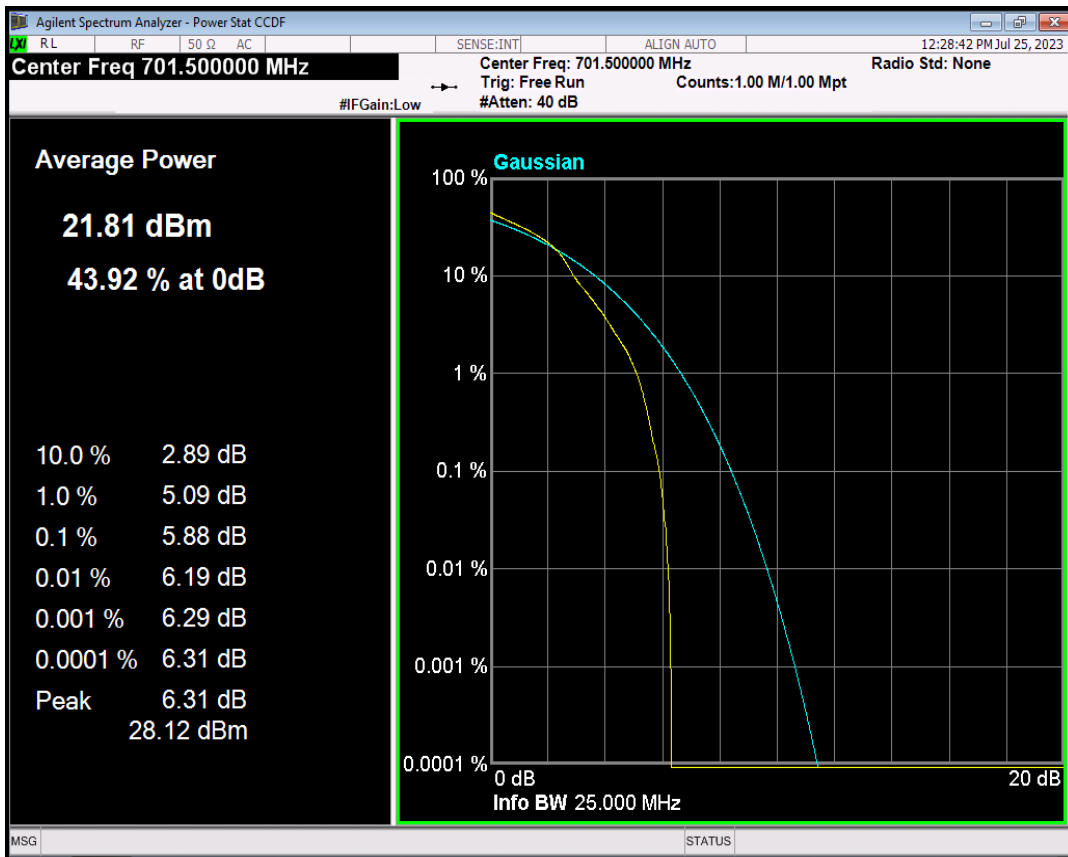
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



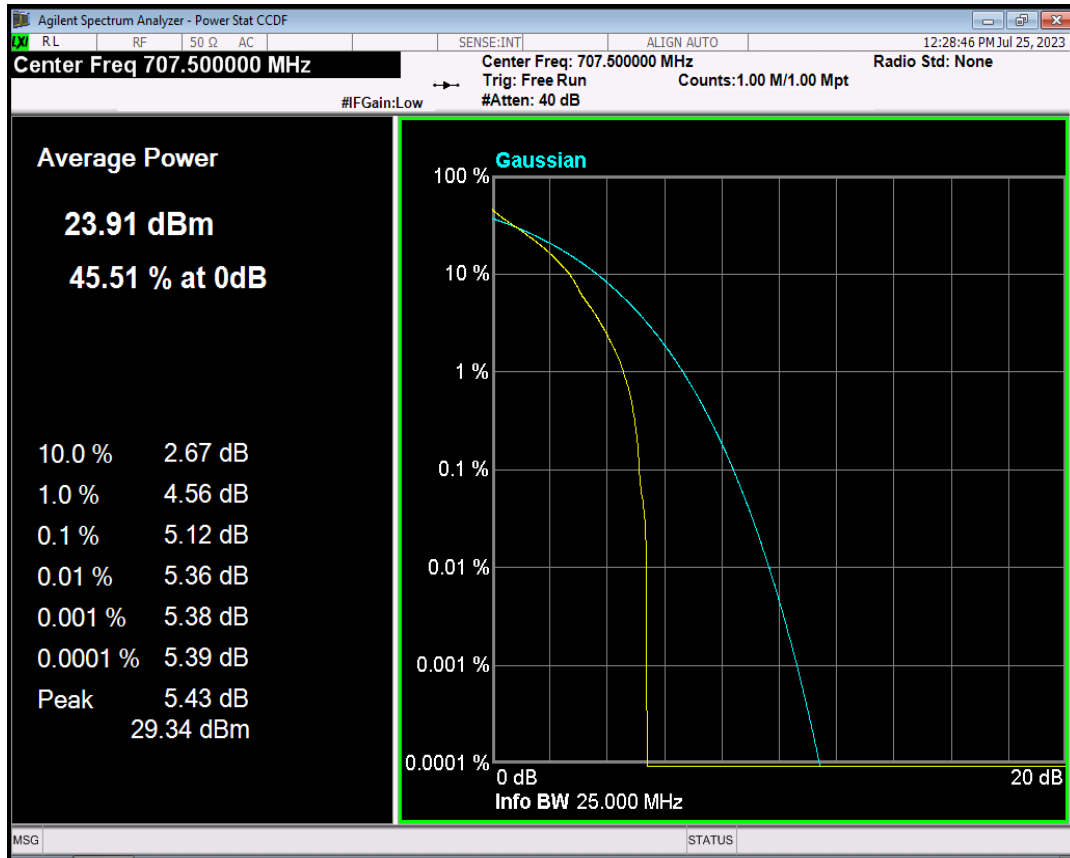
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



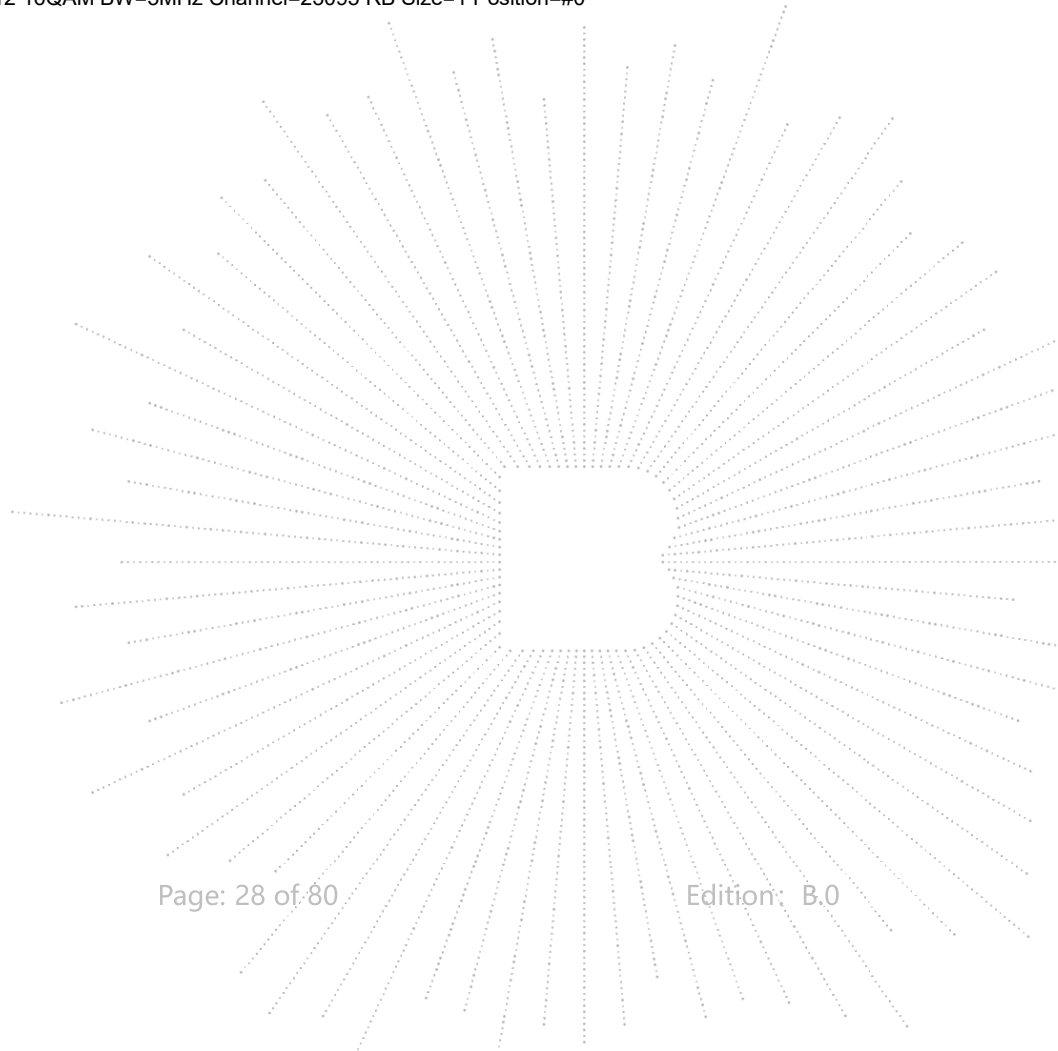
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0

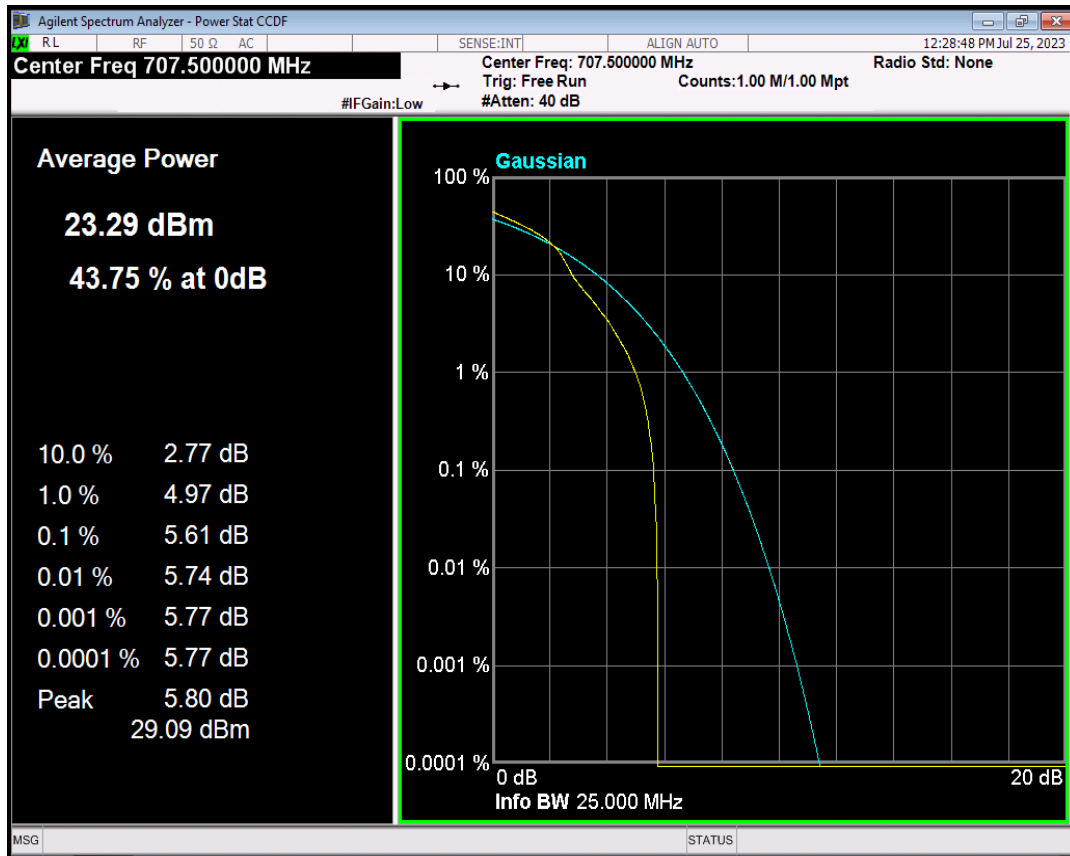


Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0

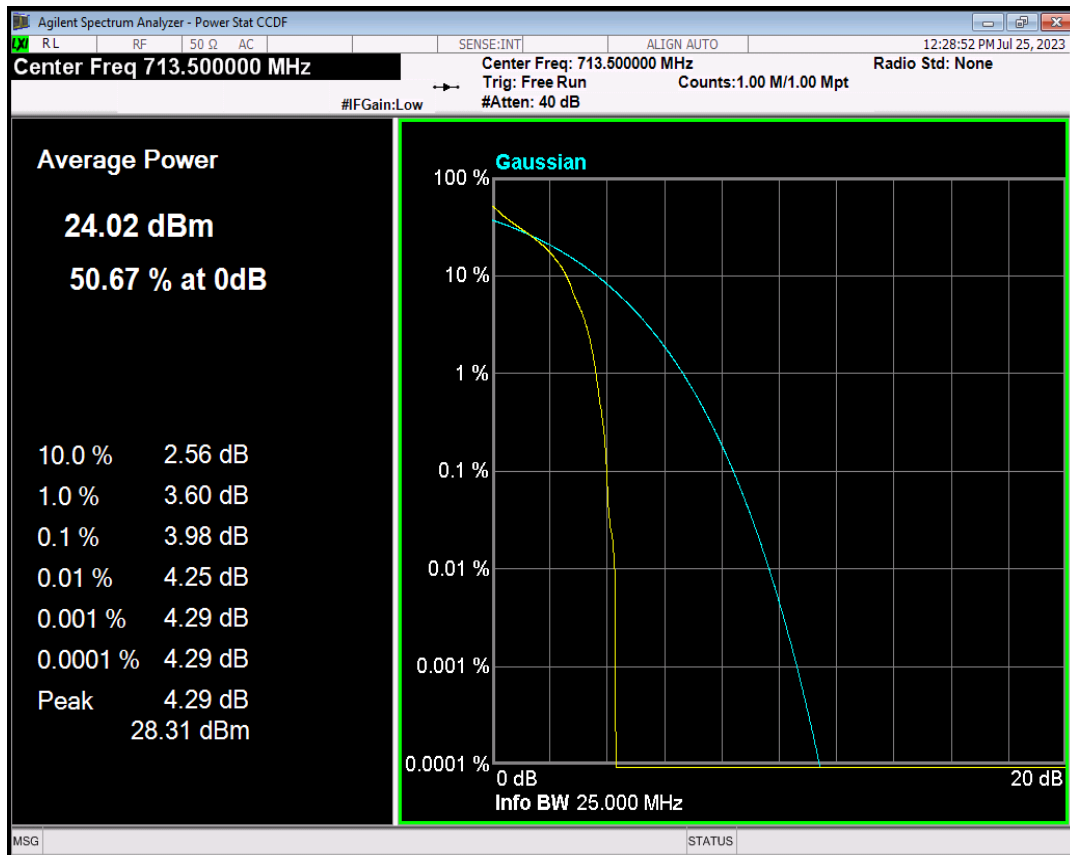


Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0

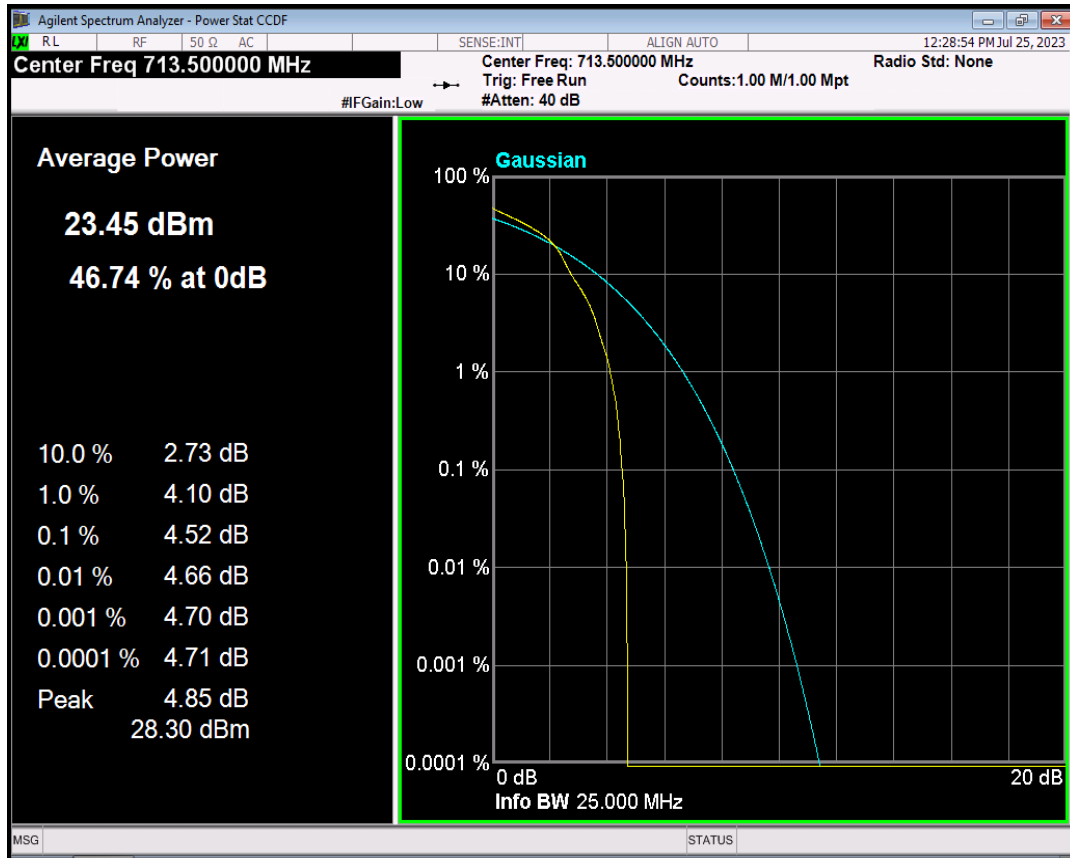




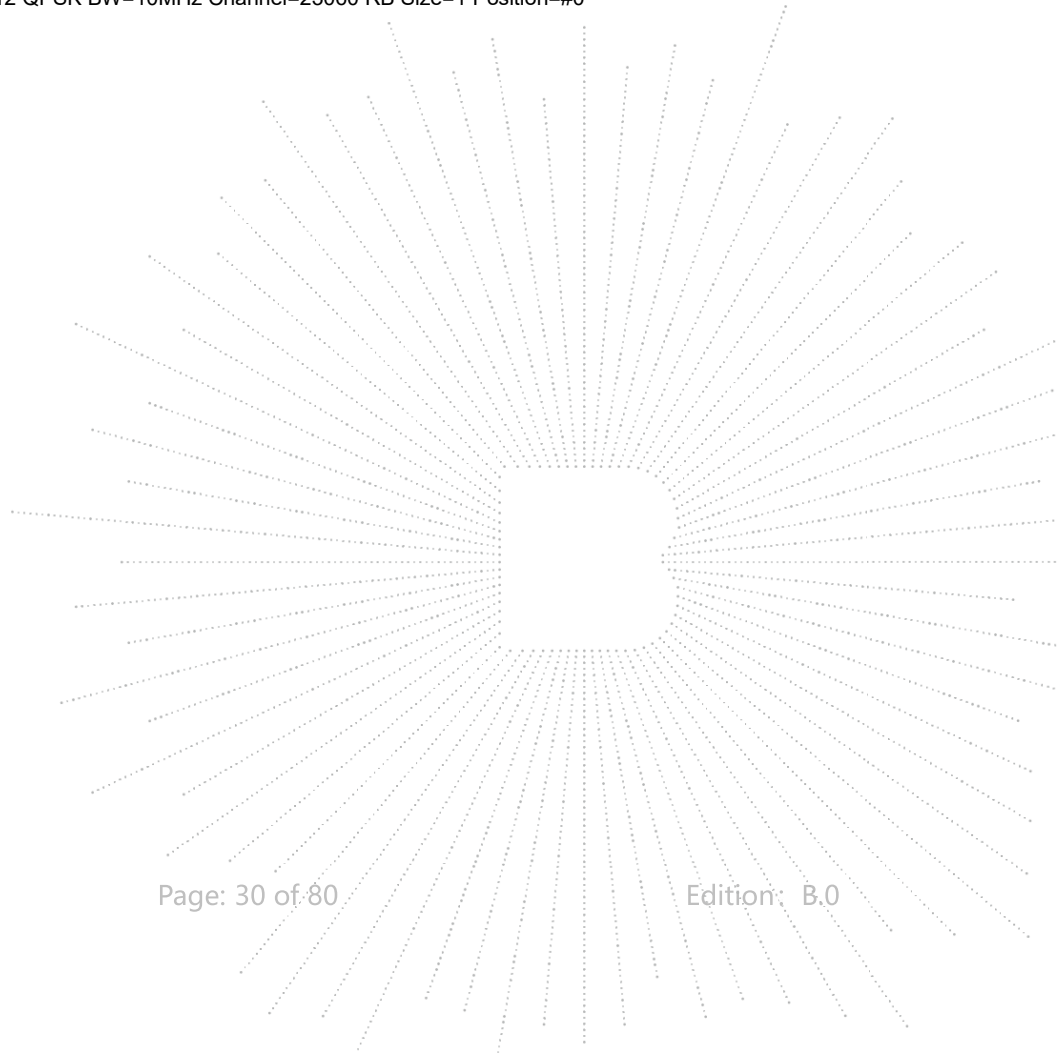
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0

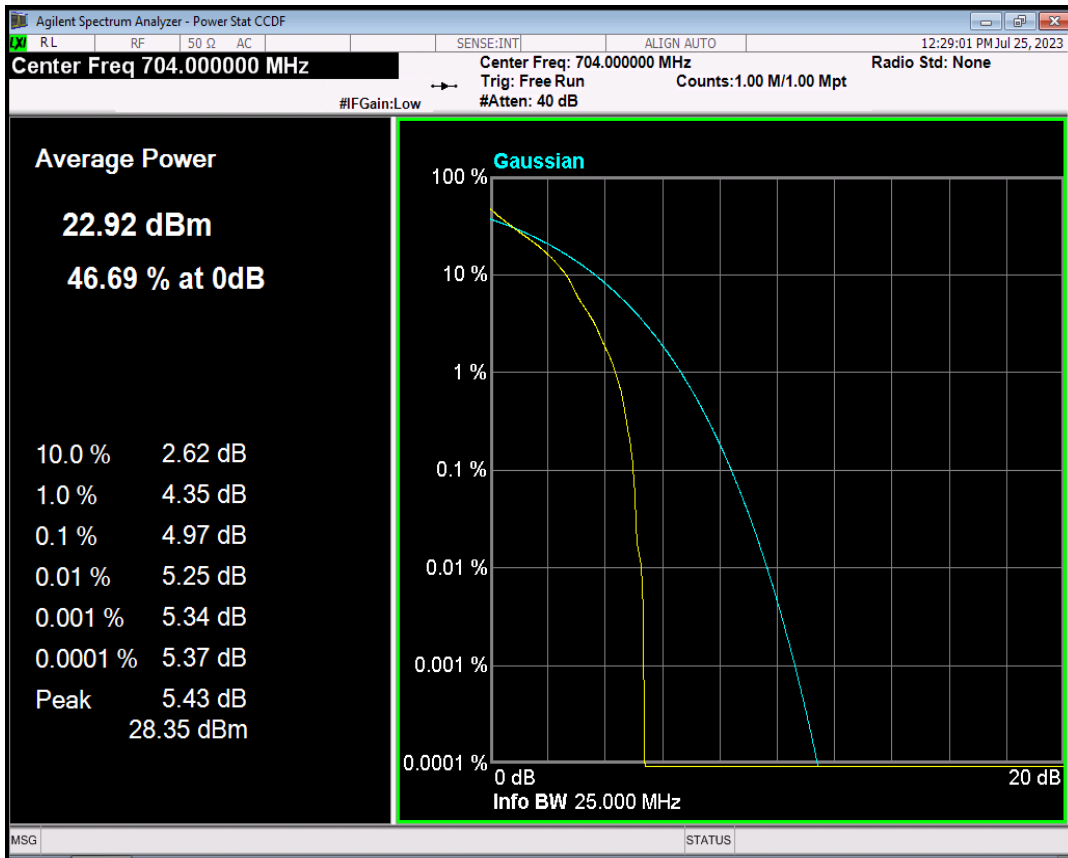


Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0

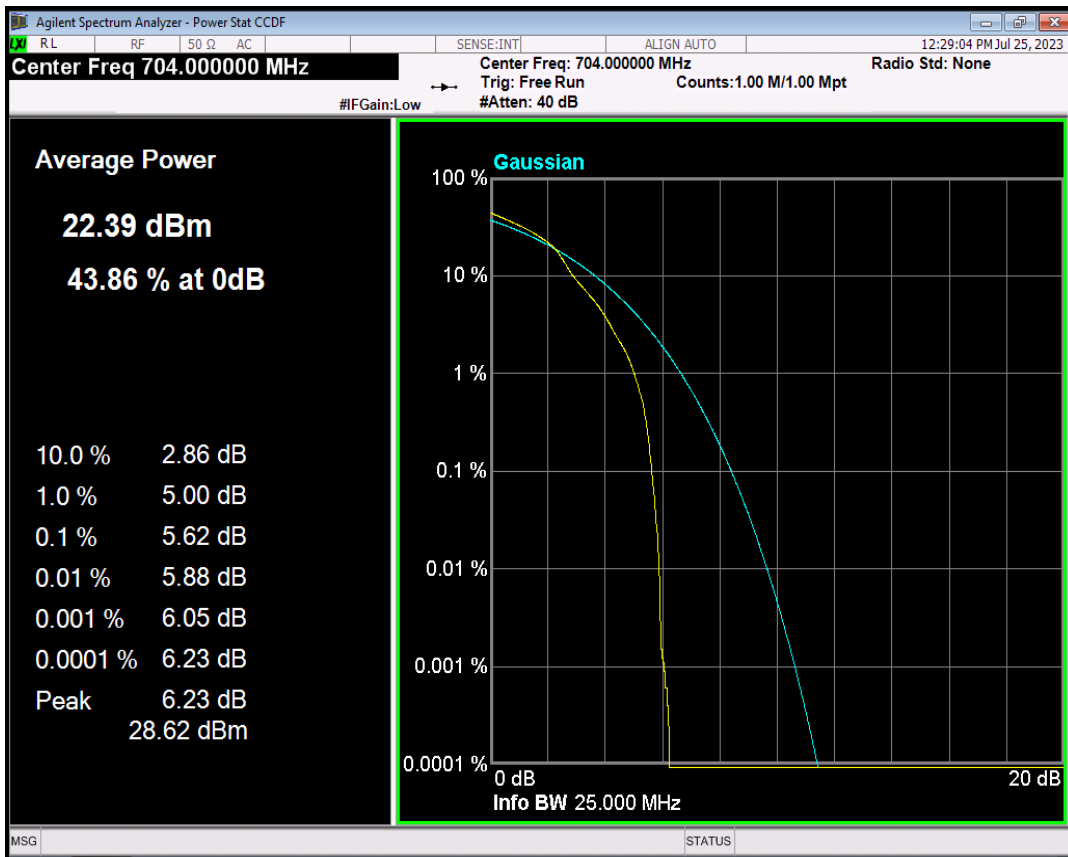


Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0

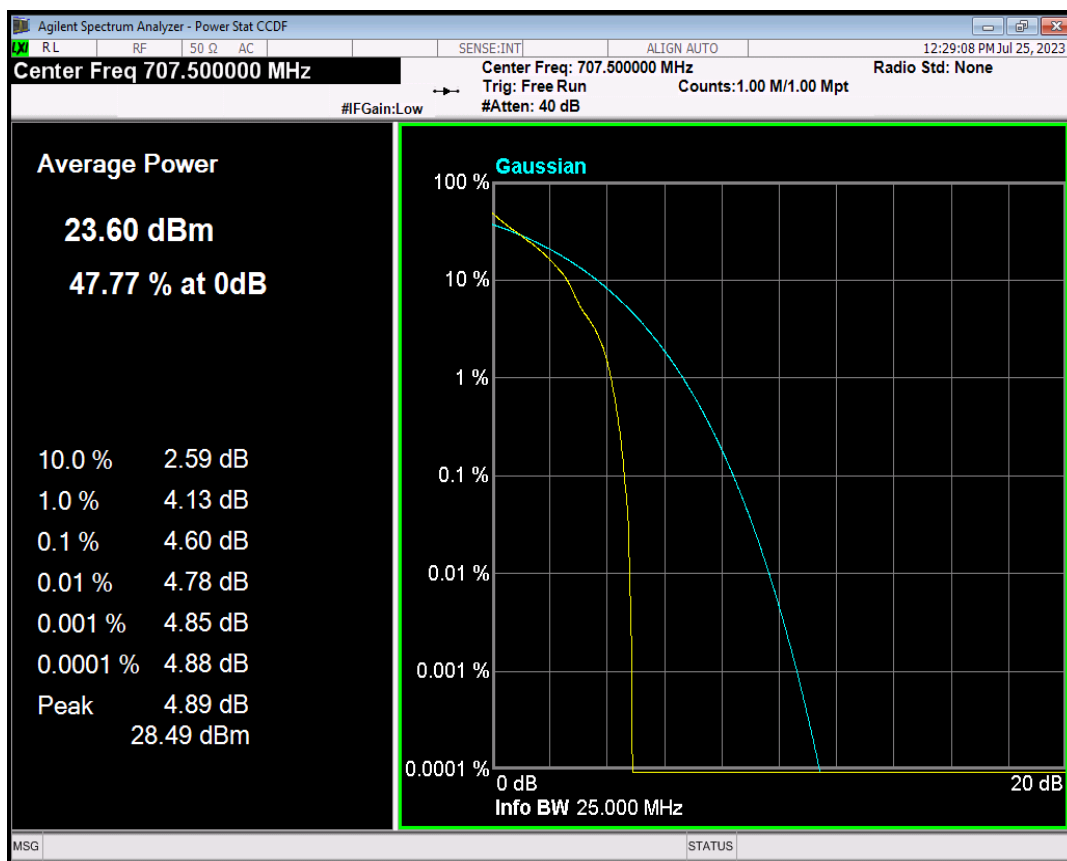




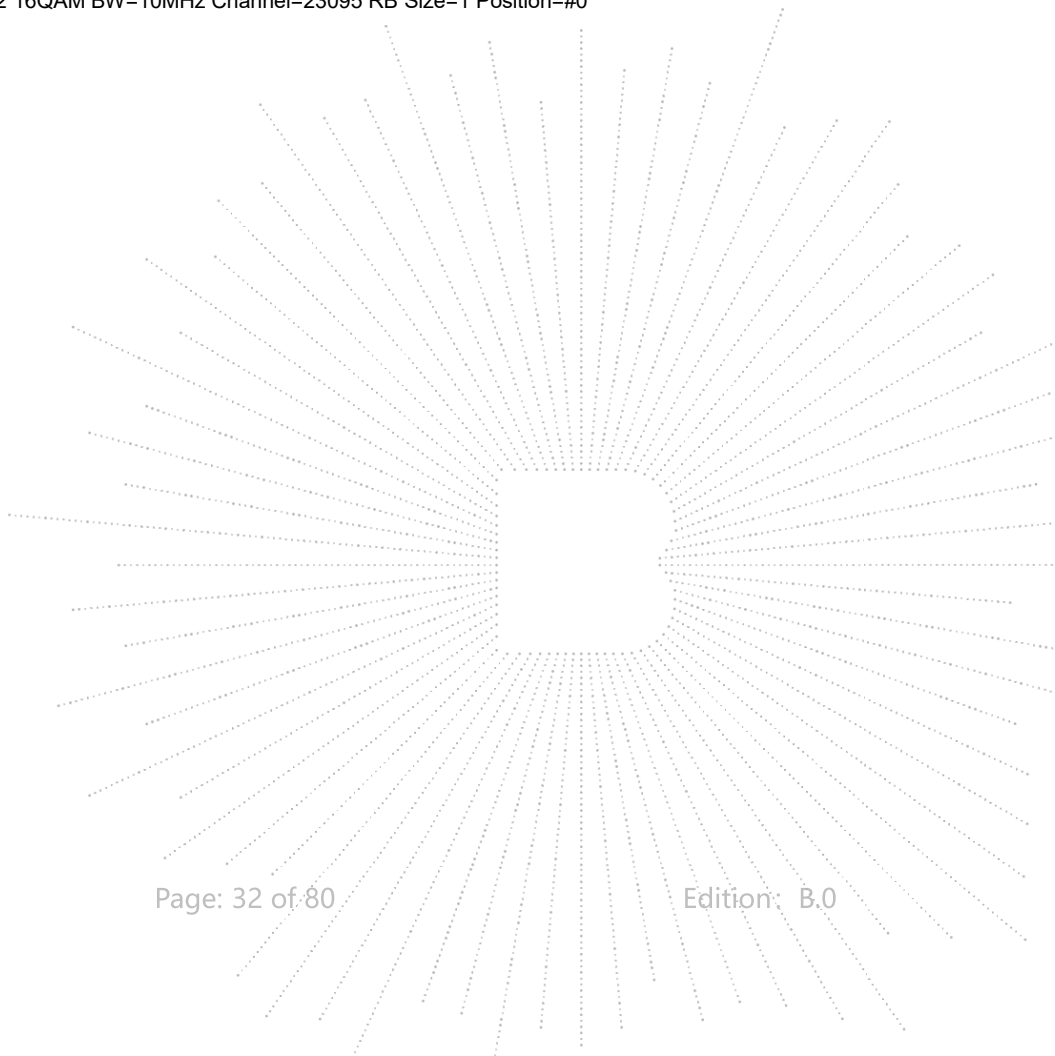
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0

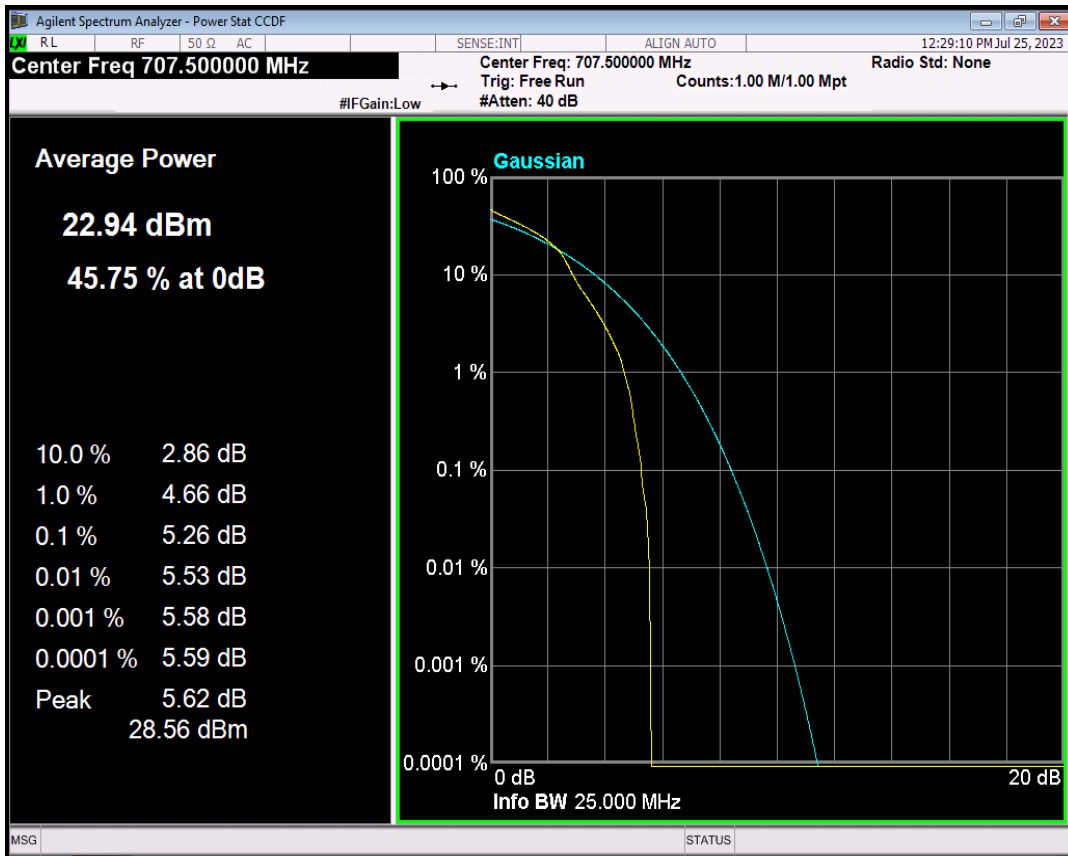


Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0

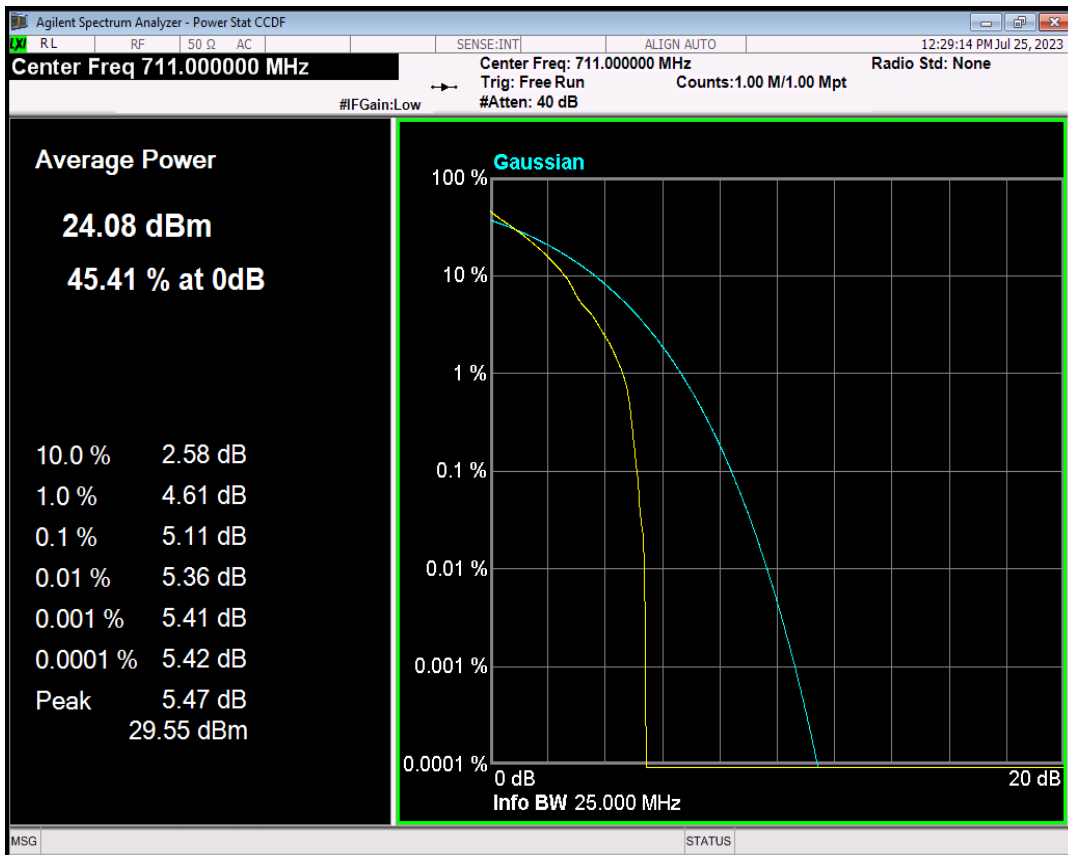


Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0

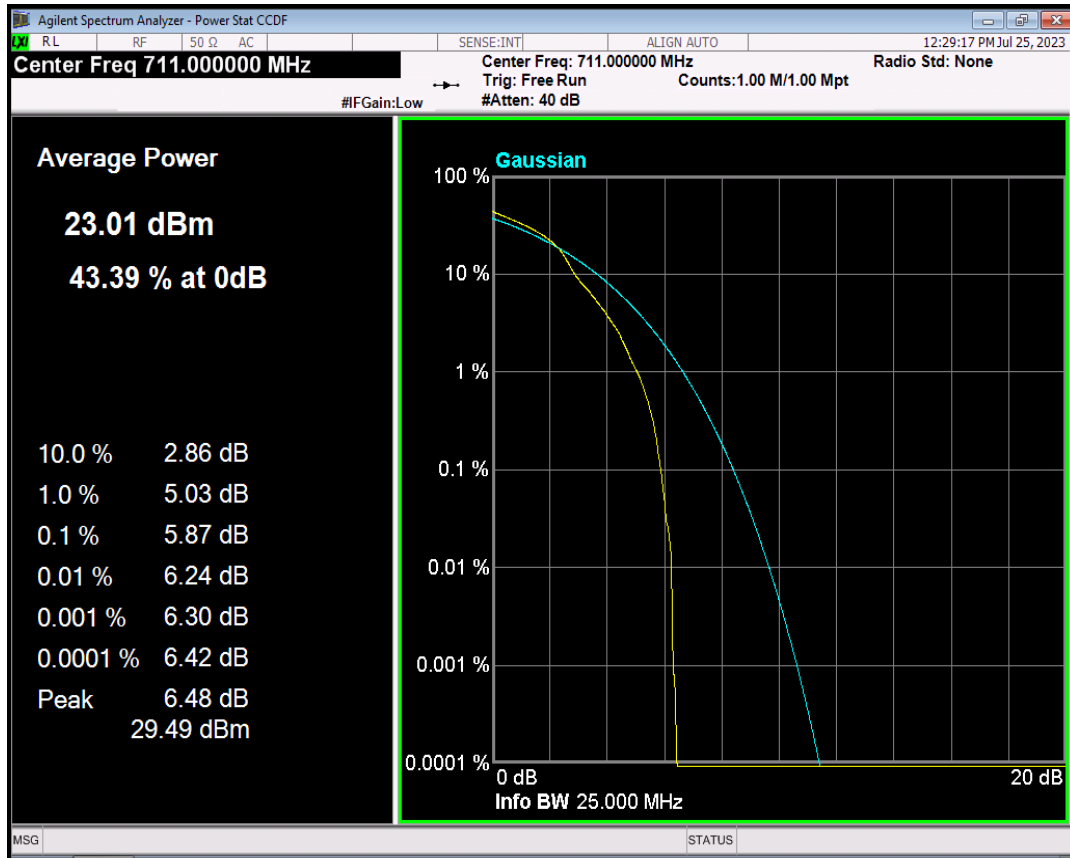




Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



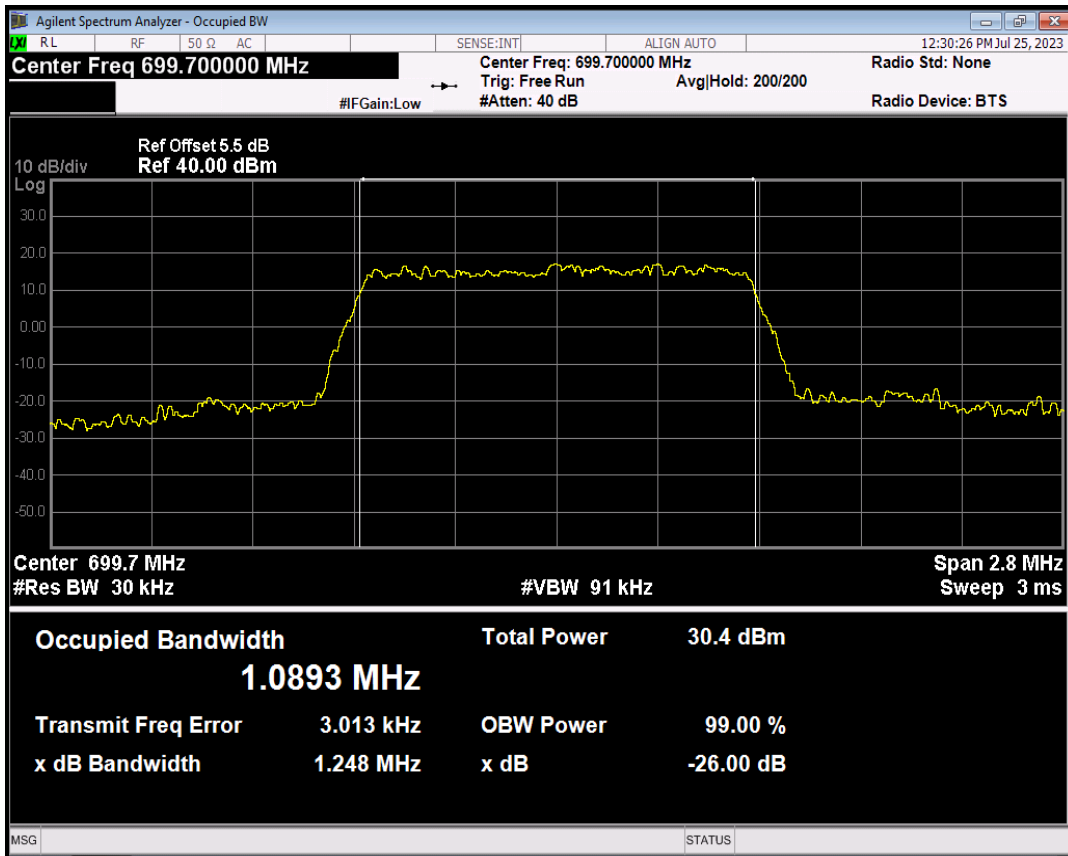
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



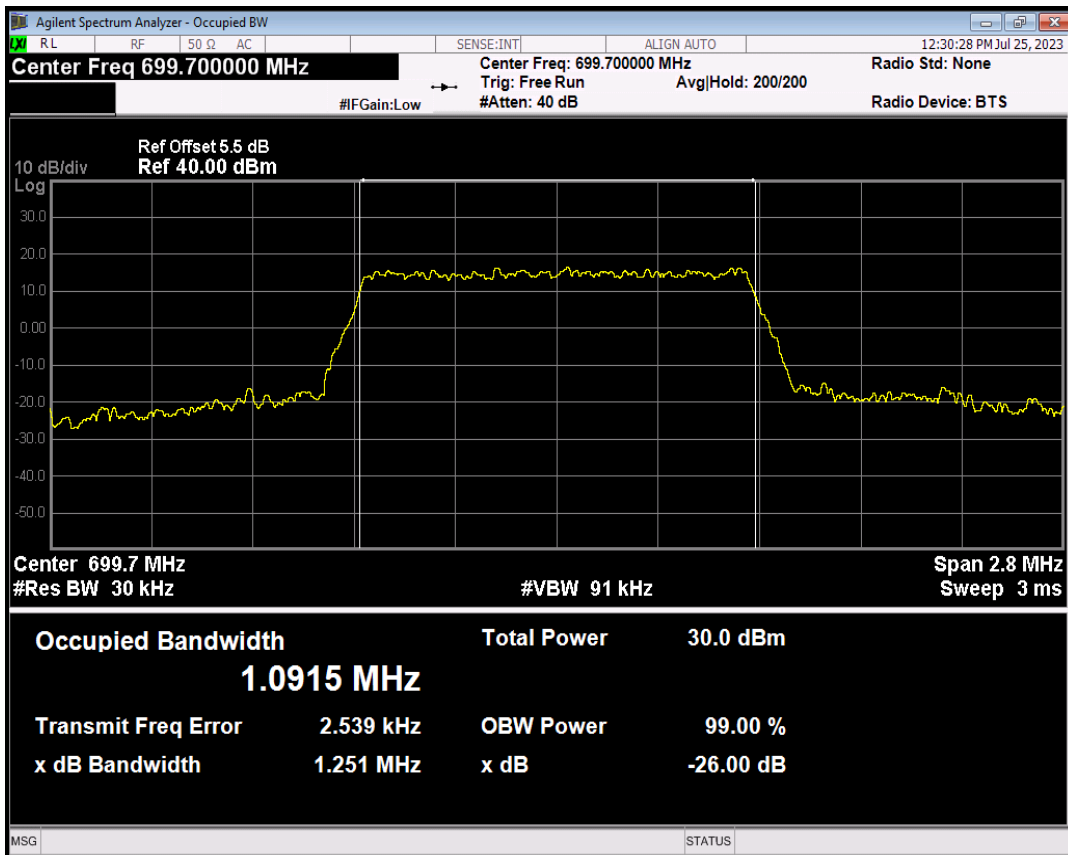
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.089	1.248	PASS
Band12	1.4	23017	6	#0	16QAM	1.091	1.251	PASS
Band12	1.4	23095	6	#0	QPSK	1.098	1.243	PASS
Band12	1.4	23095	6	#0	16QAM	1.101	1.242	PASS
Band12	1.4	23173	6	#0	QPSK	1.098	1.245	PASS
Band12	1.4	23173	6	#0	16QAM	1.107	1.255	PASS
Band12	3	23025	15	#0	QPSK	2.695	3.014	PASS
Band12	3	23025	15	#0	16QAM	2.692	2.911	PASS
Band12	3	23095	15	#0	QPSK	2.714	3.052	PASS
Band12	3	23095	15	#0	16QAM	2.720	3.066	PASS
Band12	3	23165	15	#0	QPSK	2.719	3.037	PASS
Band12	3	23165	15	#0	16QAM	2.713	3.062	PASS
Band12	5	23035	25	#0	QPSK	4.500	4.951	PASS
Band12	5	23035	25	#0	16QAM	4.474	4.932	PASS
Band12	5	23095	25	#0	QPSK	4.526	4.963	PASS
Band12	5	23095	25	#0	16QAM	4.523	4.968	PASS
Band12	5	23155	25	#0	QPSK	4.522	4.966	PASS
Band12	5	23155	25	#0	16QAM	4.529	4.971	PASS
Band12	10	23060	50	#0	QPSK	8.968	9.708	PASS
Band12	10	23060	50	#0	16QAM	9.003	9.786	PASS
Band12	10	23095	50	#0	QPSK	9.024	9.917	PASS
Band12	10	23095	50	#0	16QAM	9.031	9.798	PASS
Band12	10	23130	50	#0	QPSK	8.960	9.822	PASS
Band12	10	23130	50	#0	16QAM	8.935	9.796	PASS

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

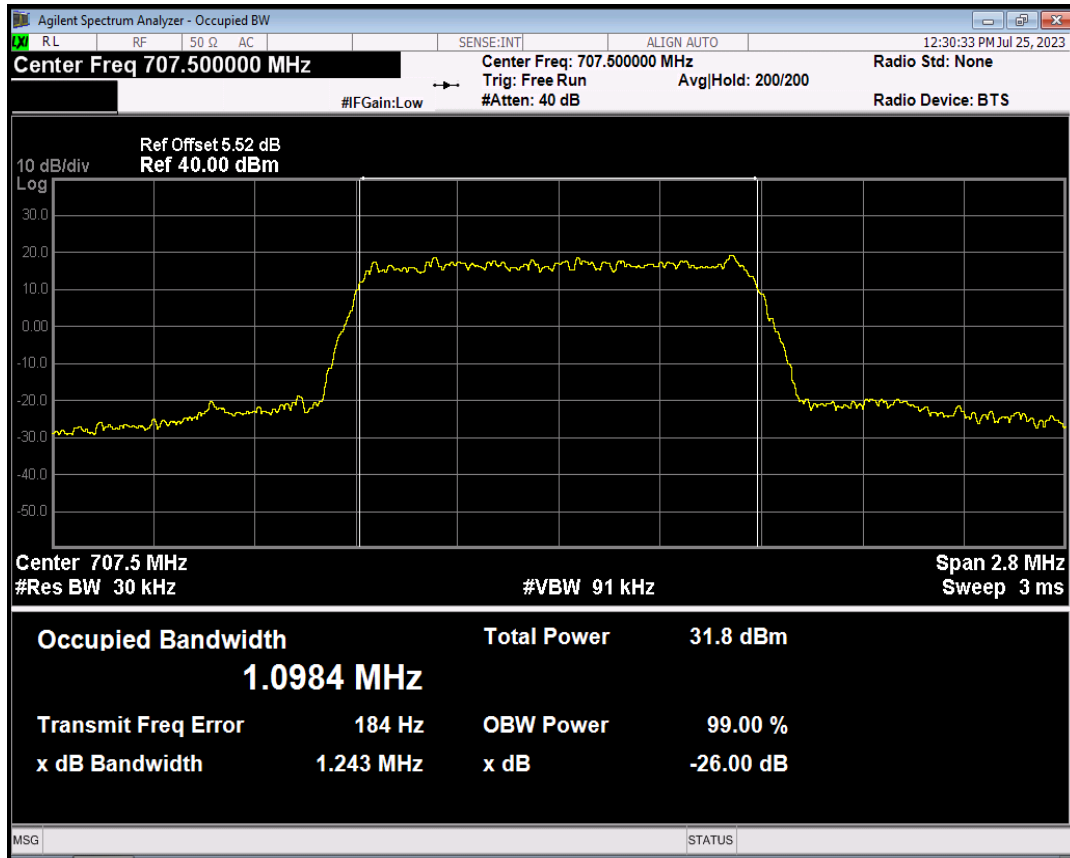


Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0

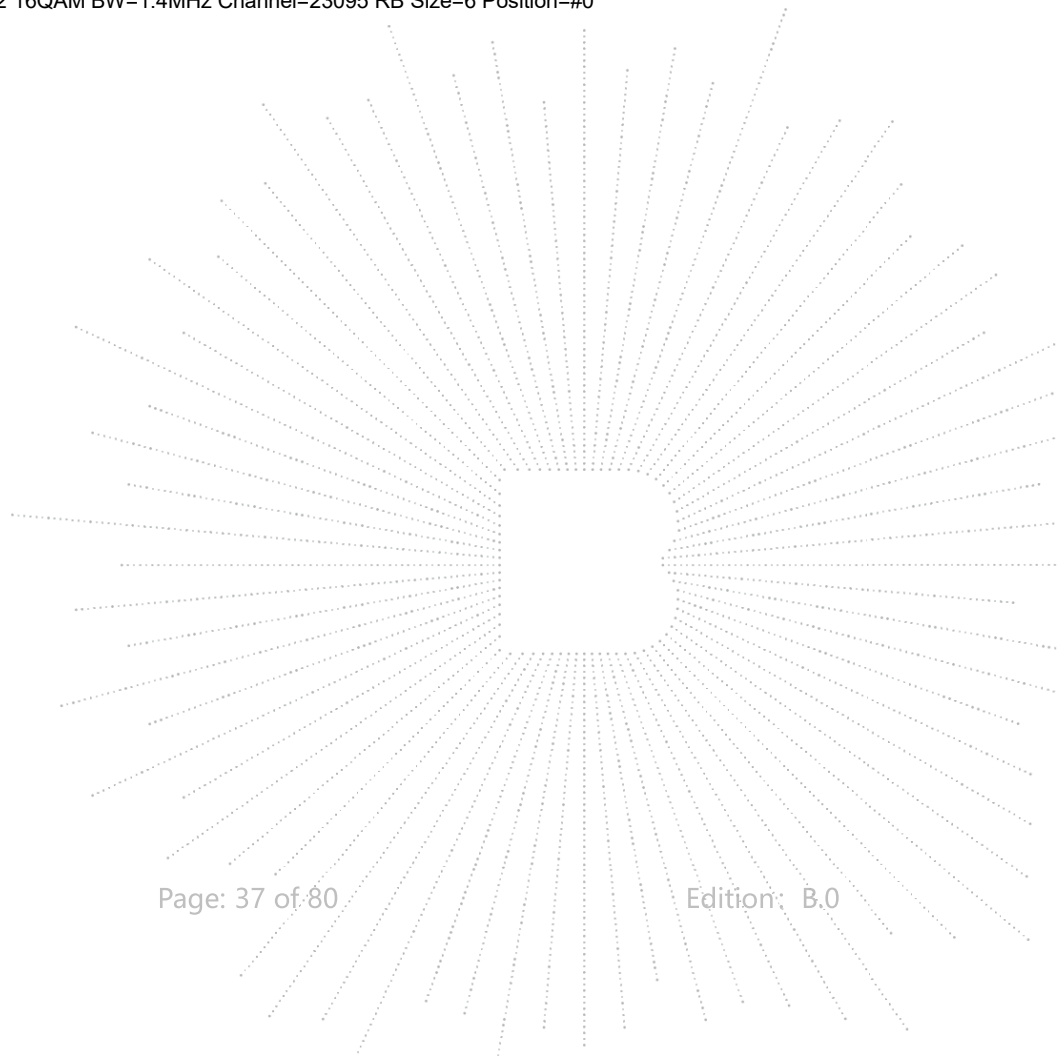


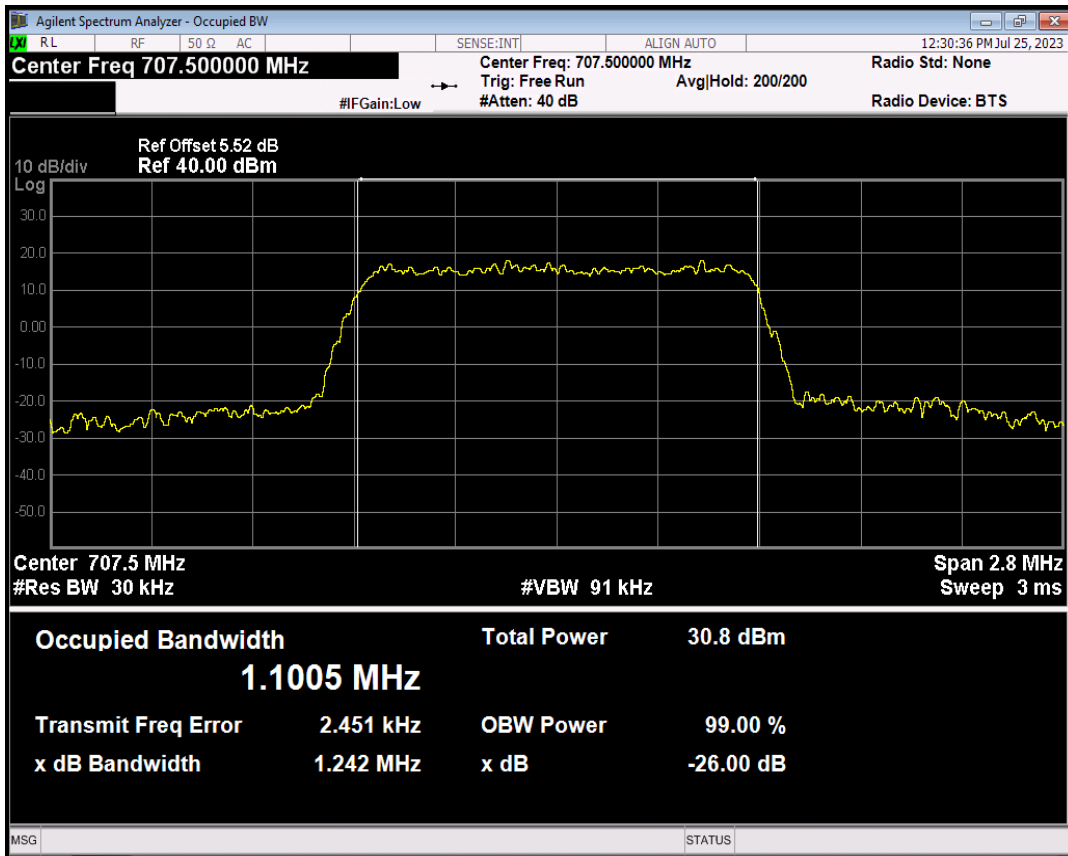


Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0

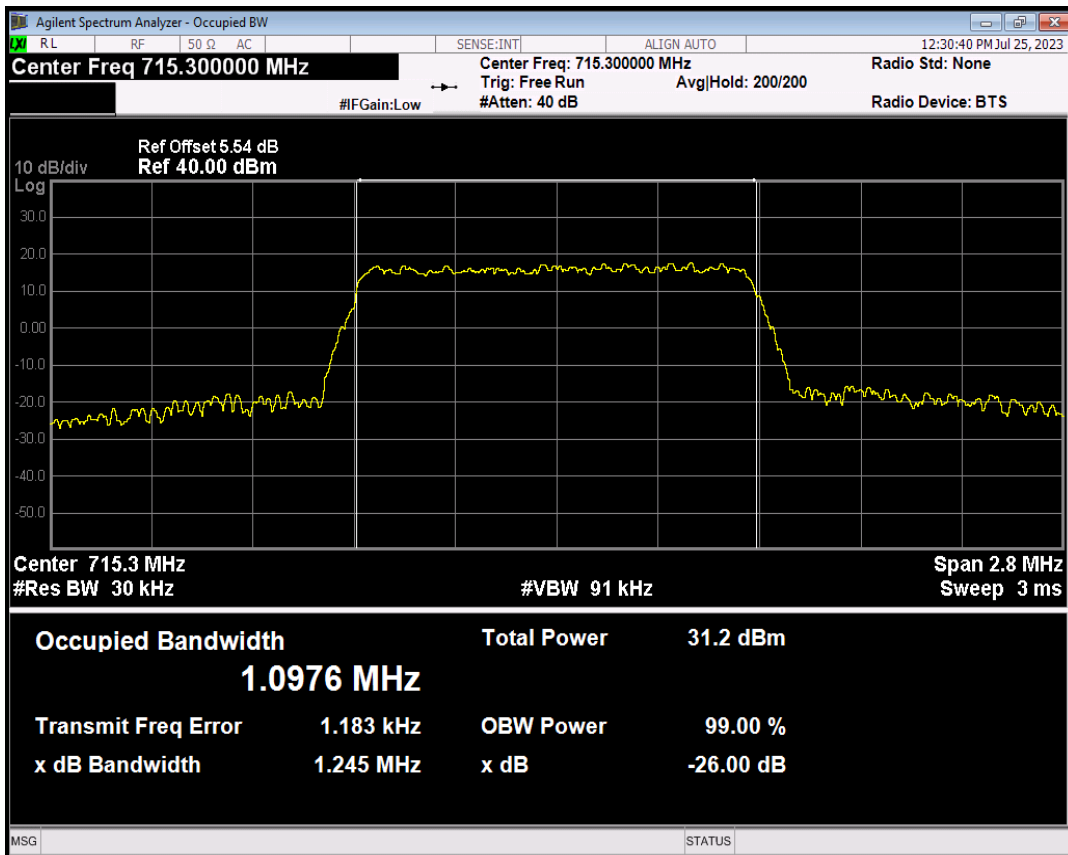


Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



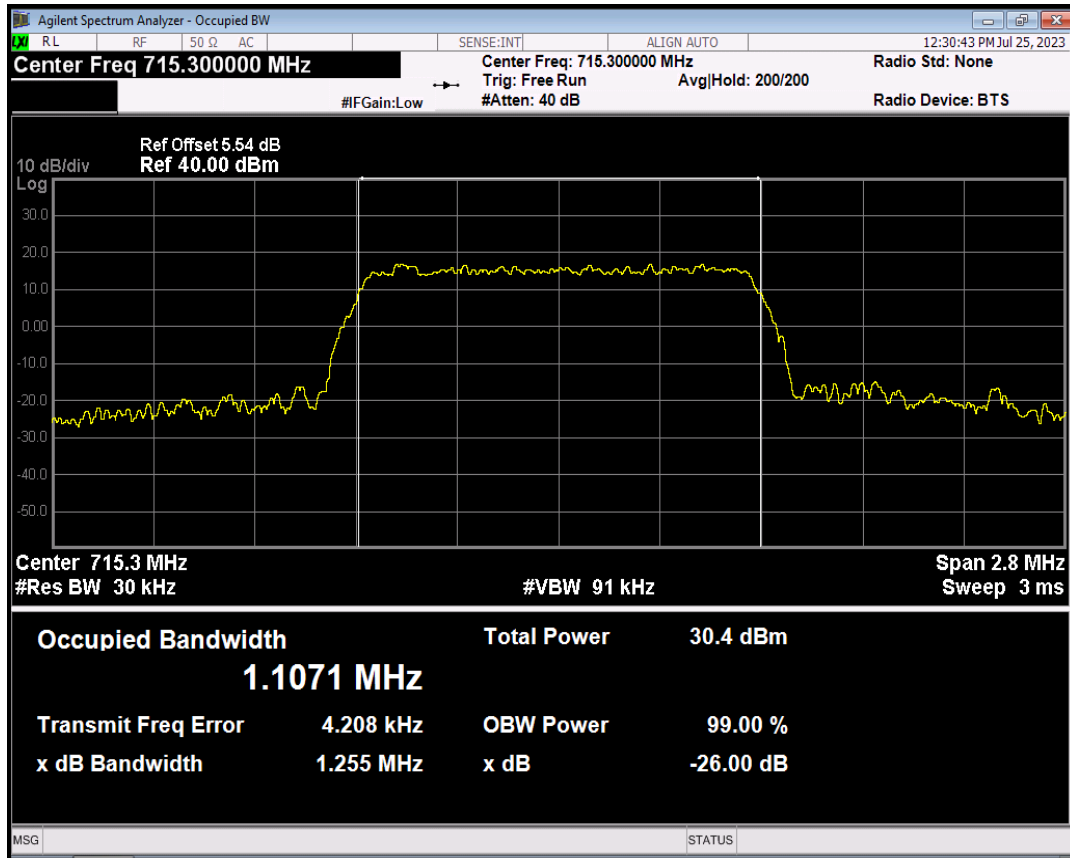


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0

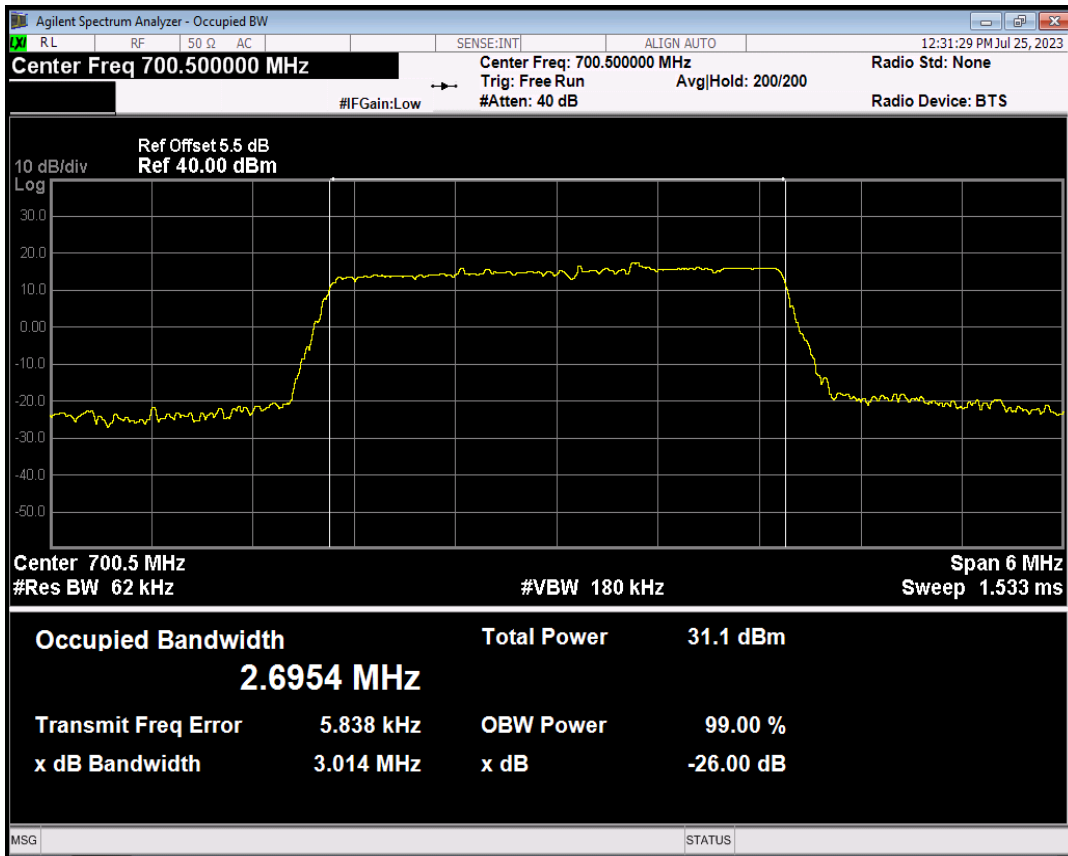




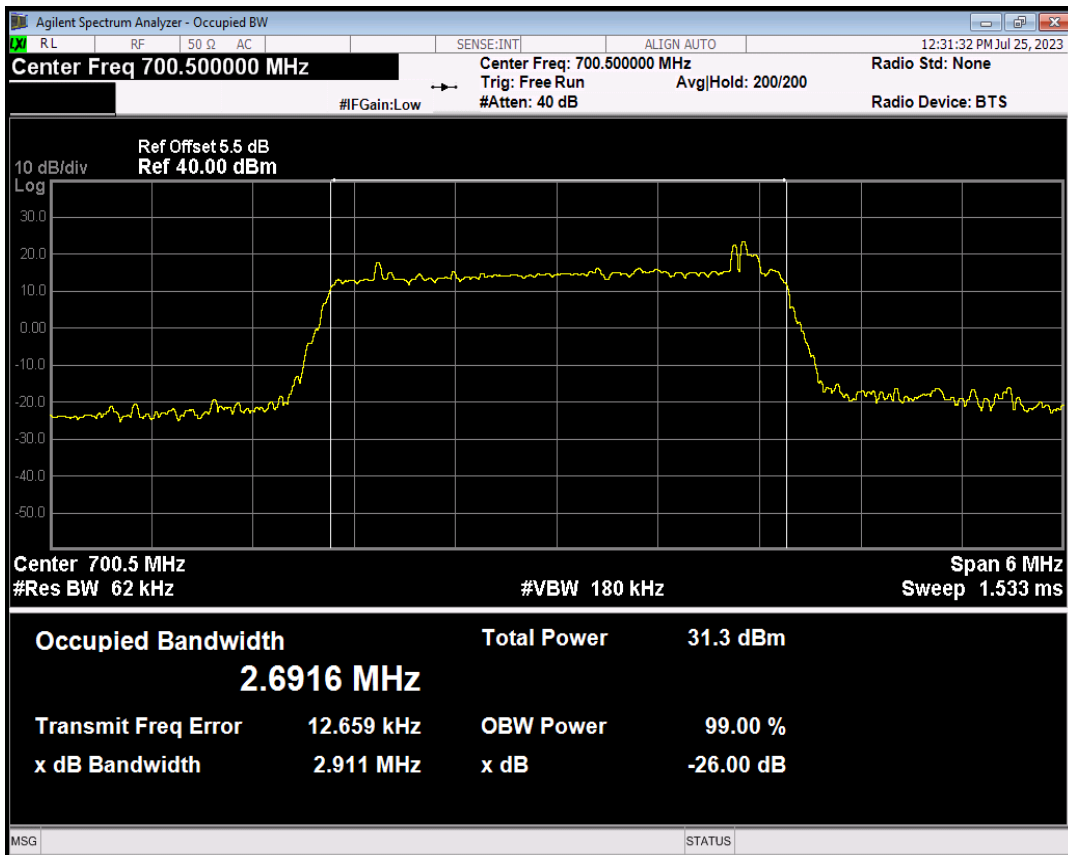
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



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

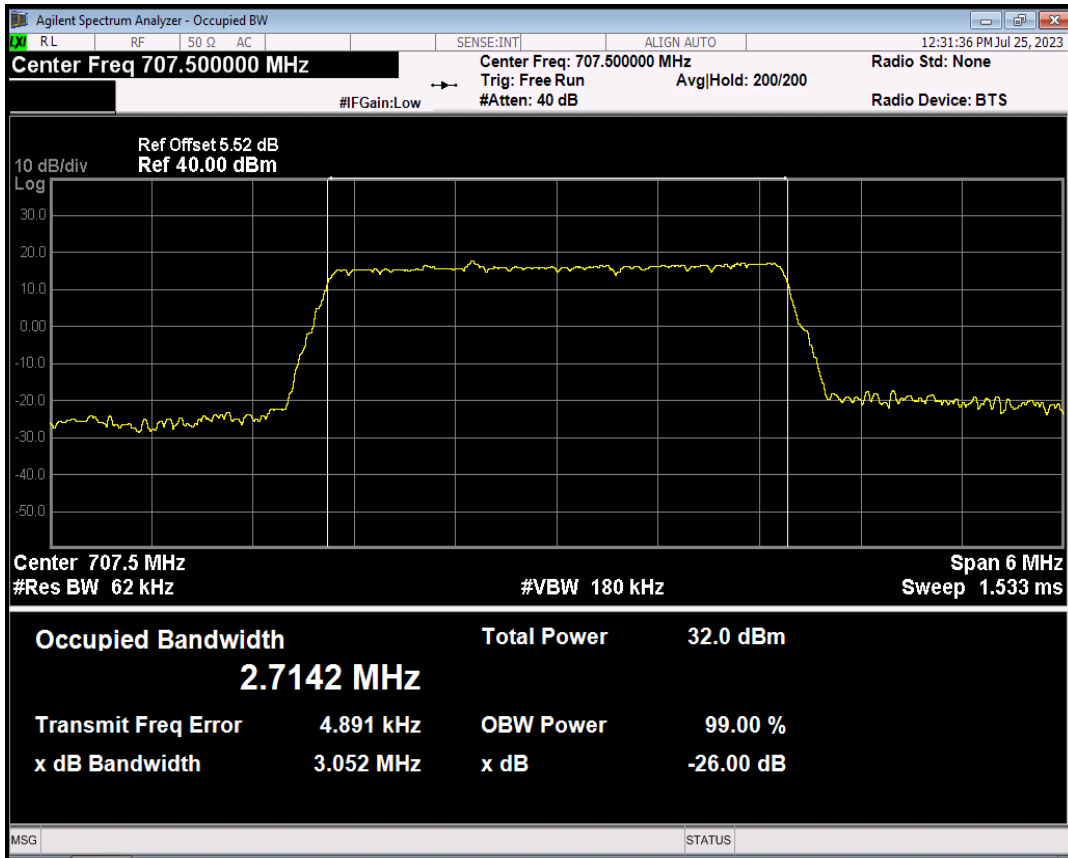


Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0

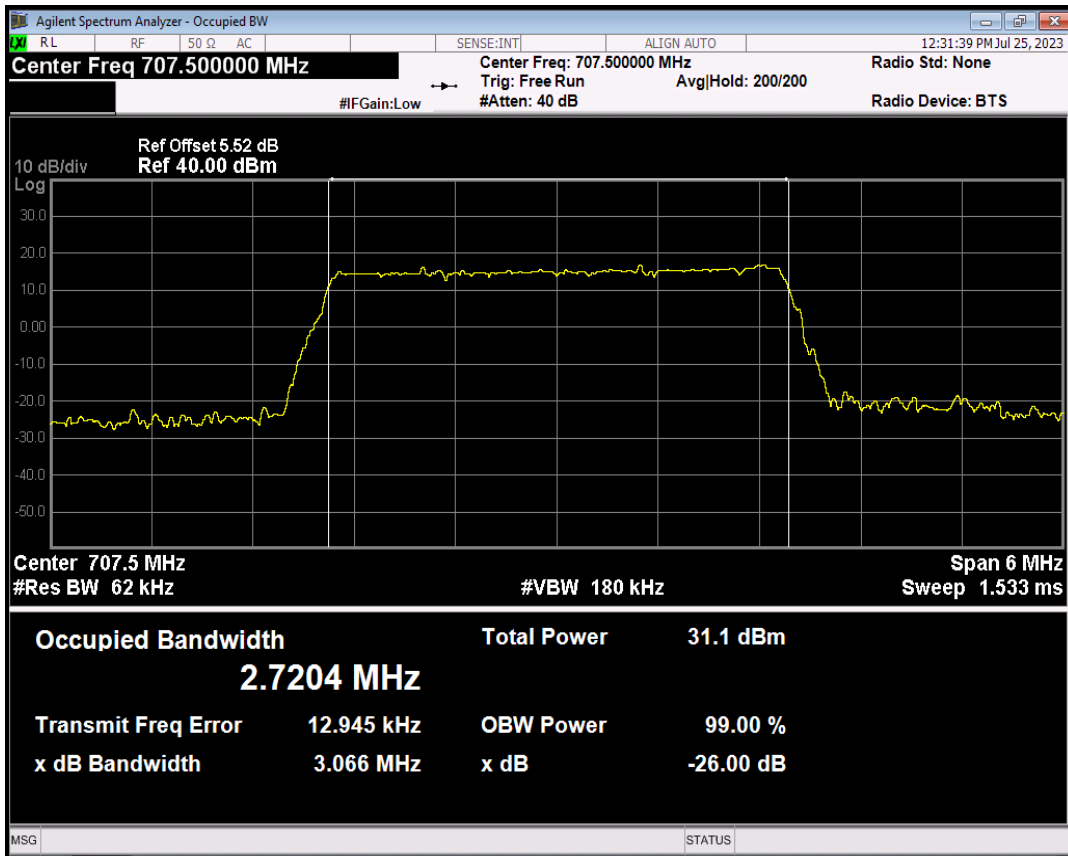




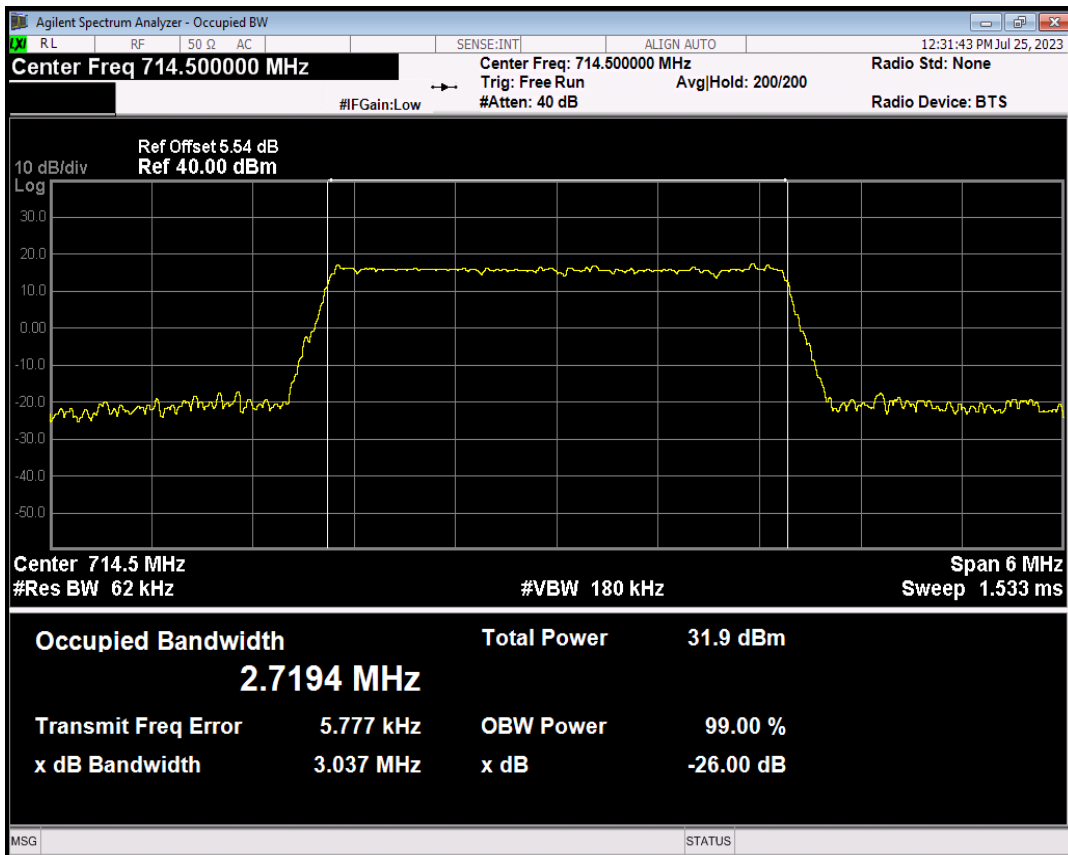
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



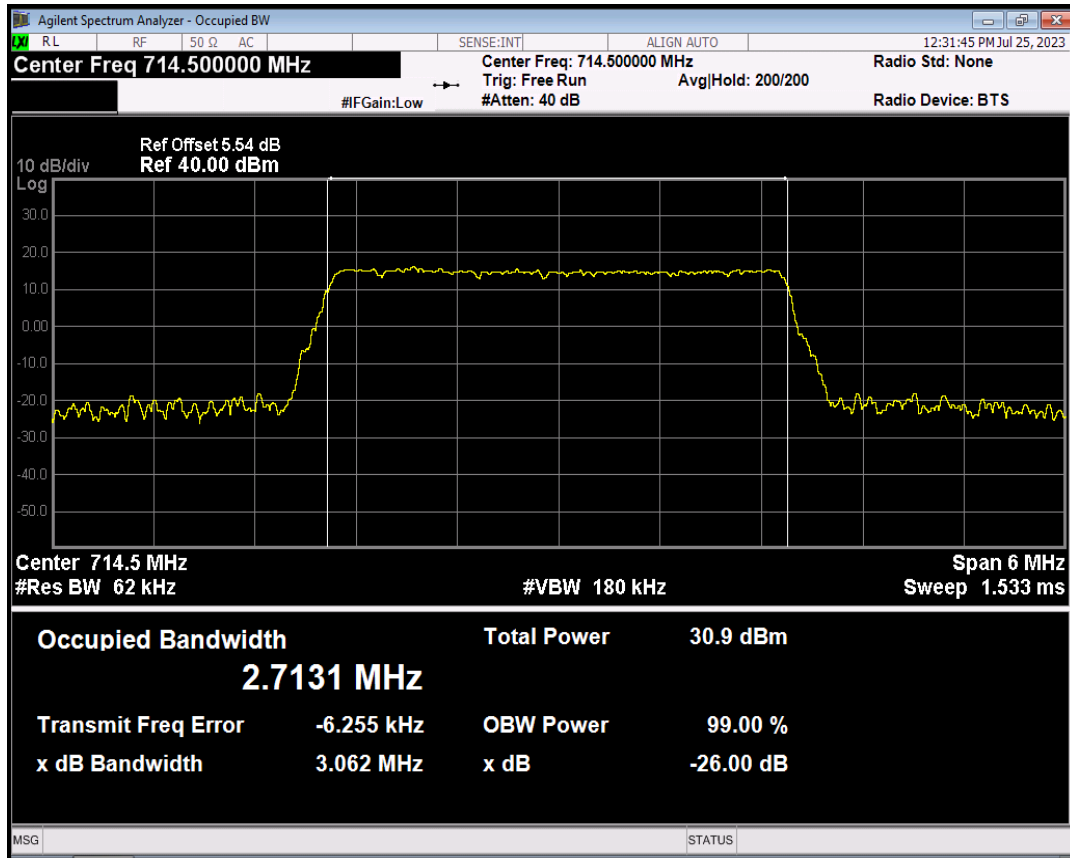
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



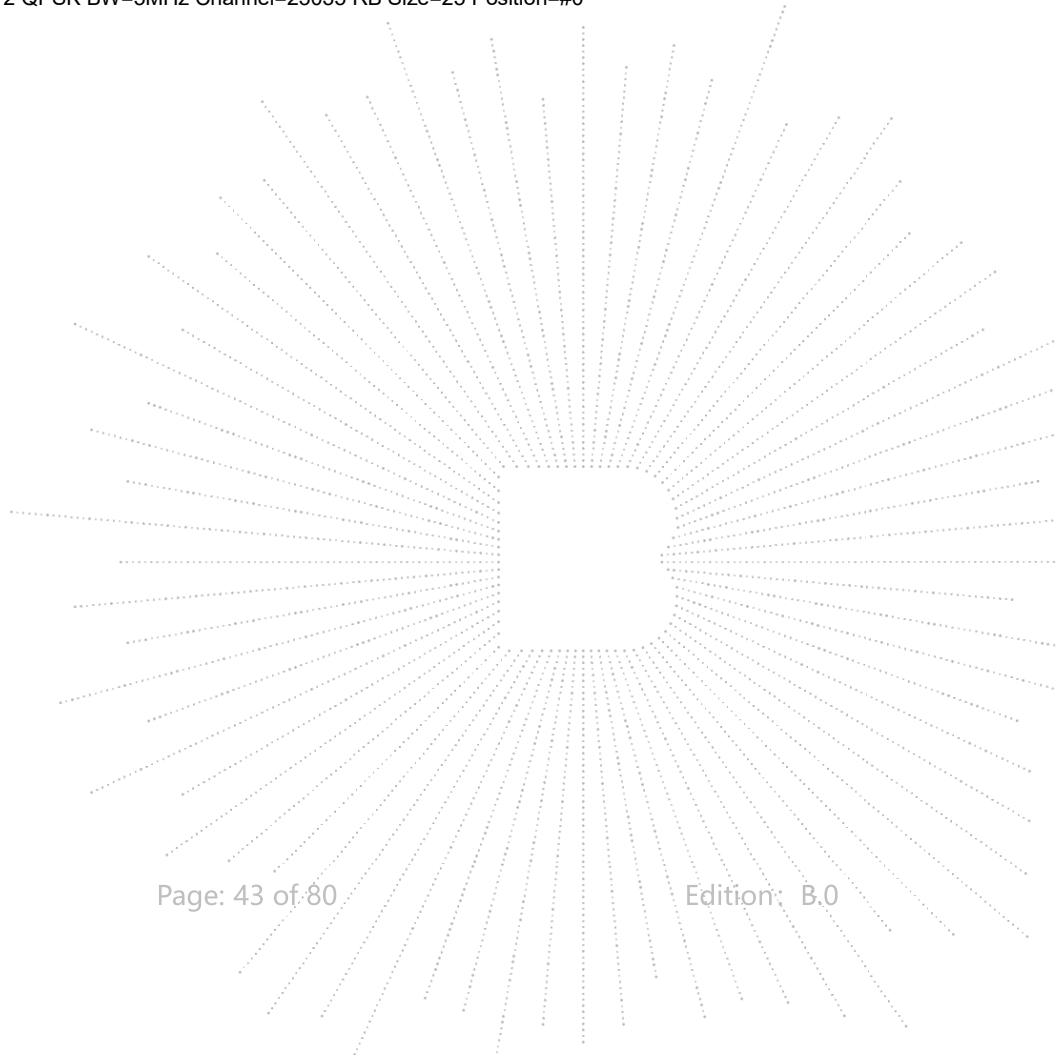
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

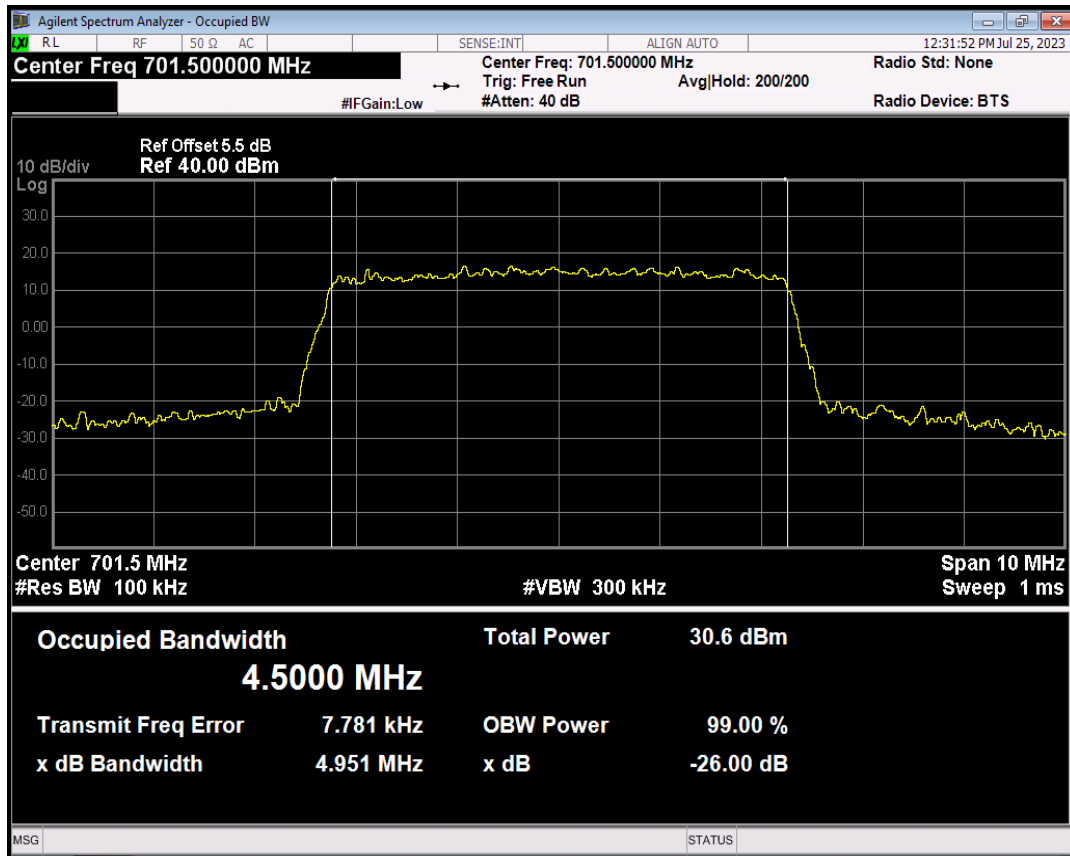


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0

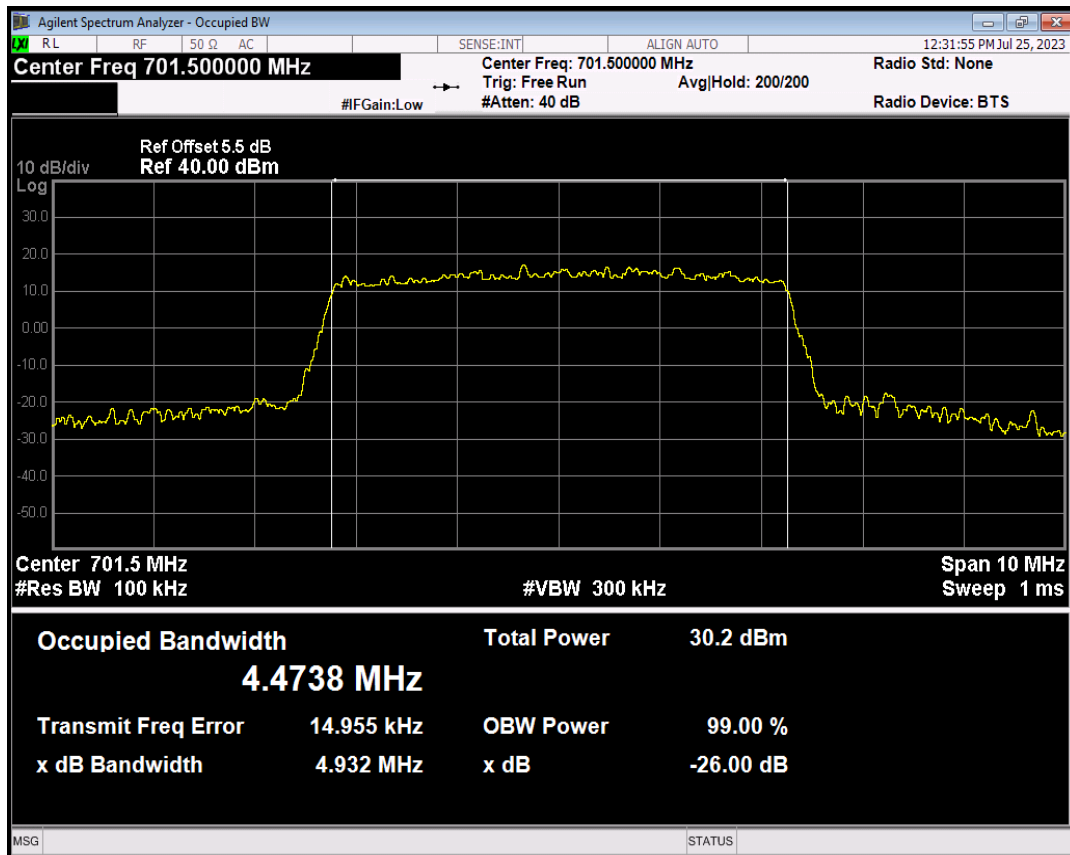


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



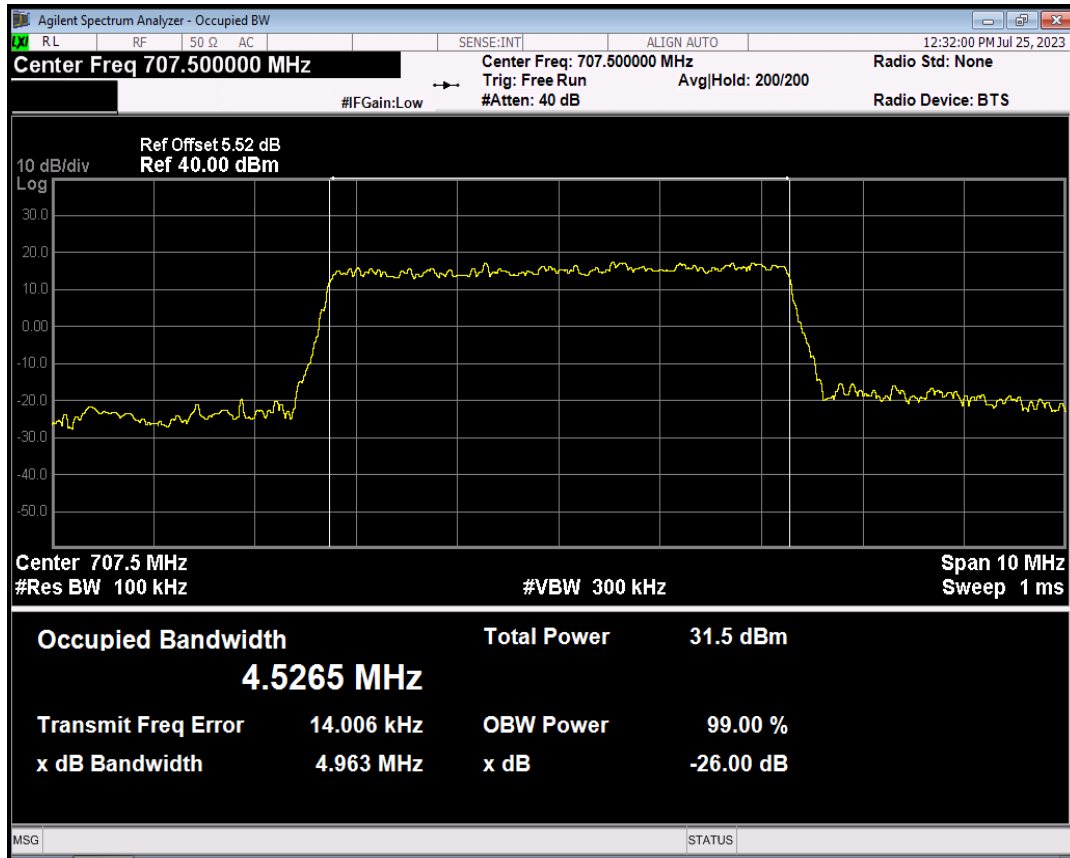


Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0

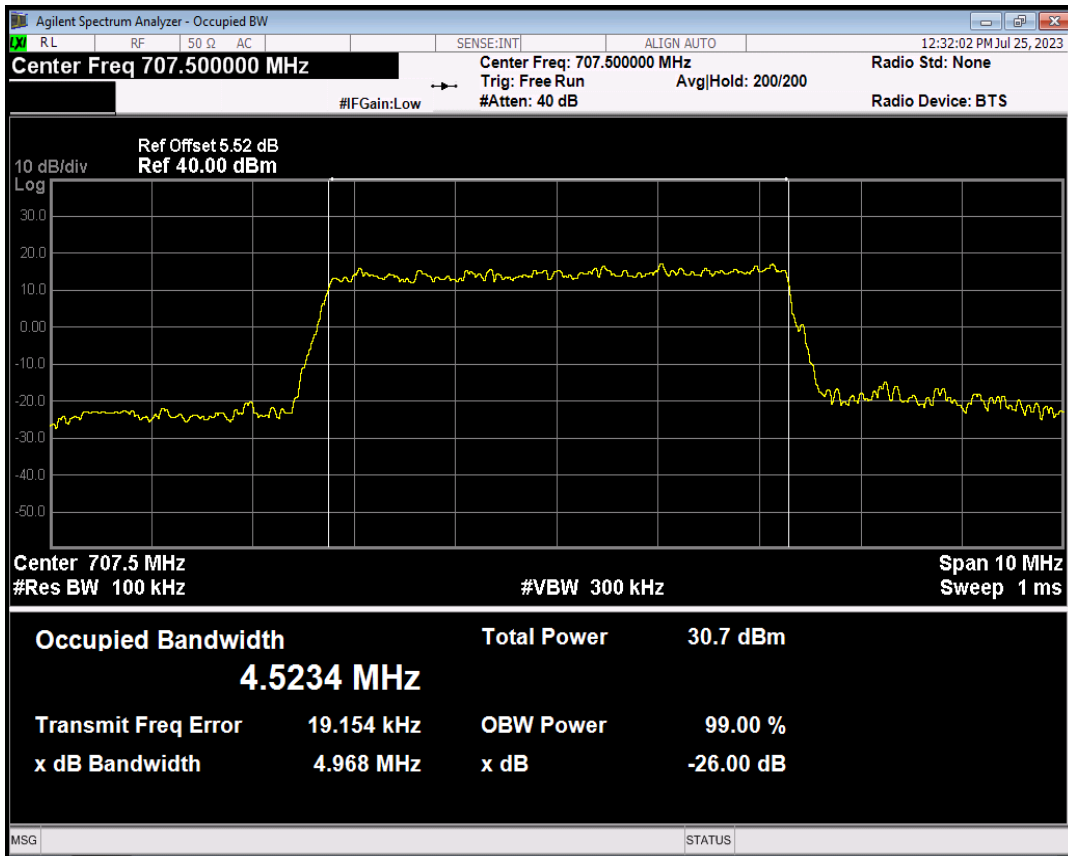




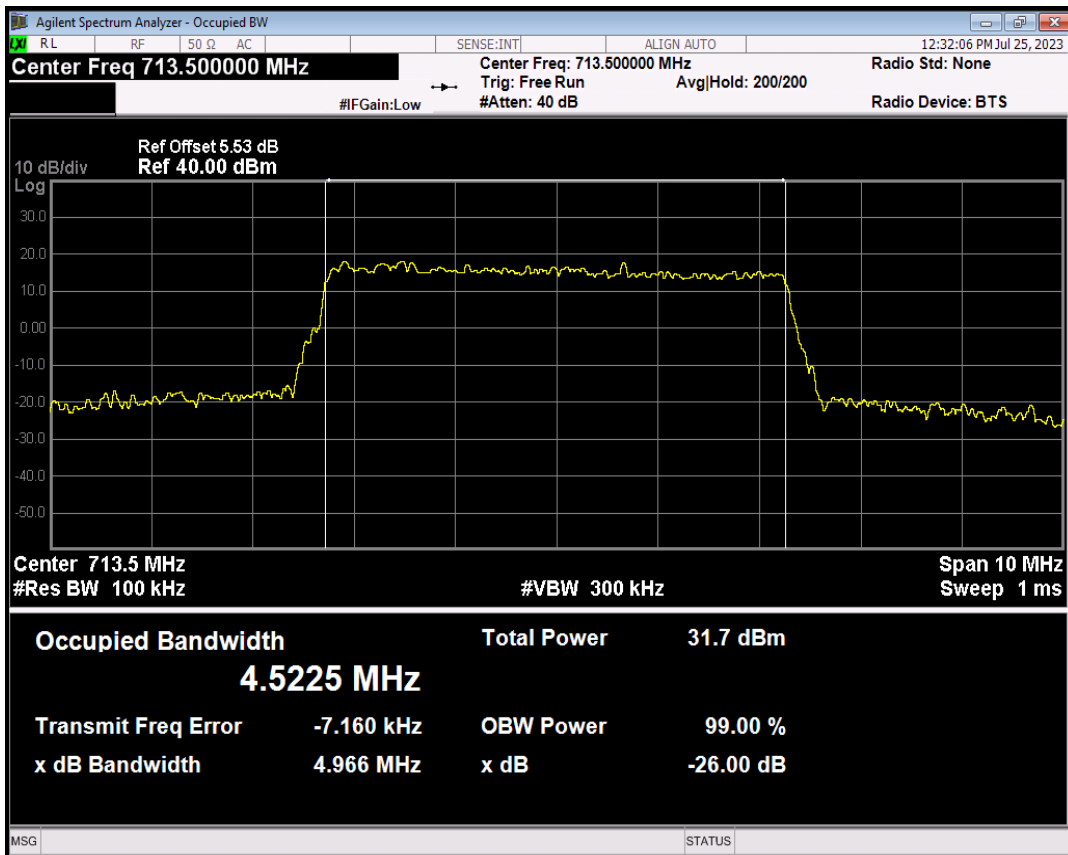
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



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

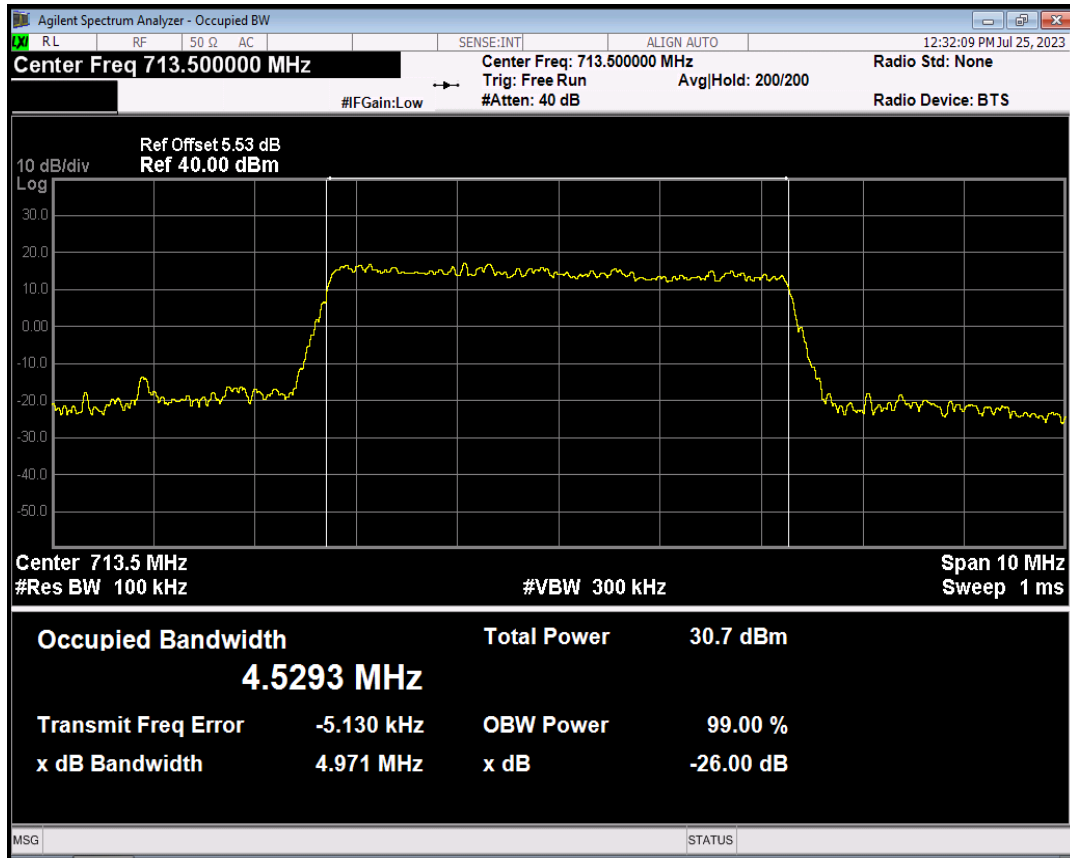


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

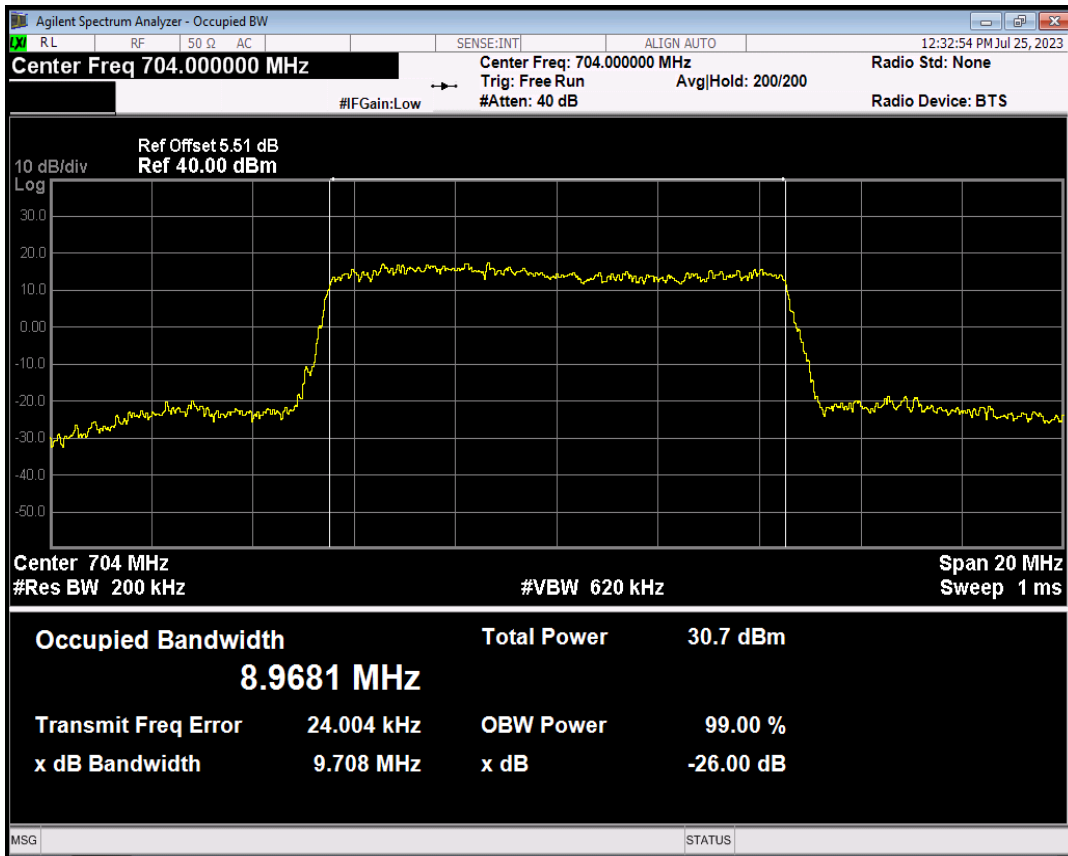




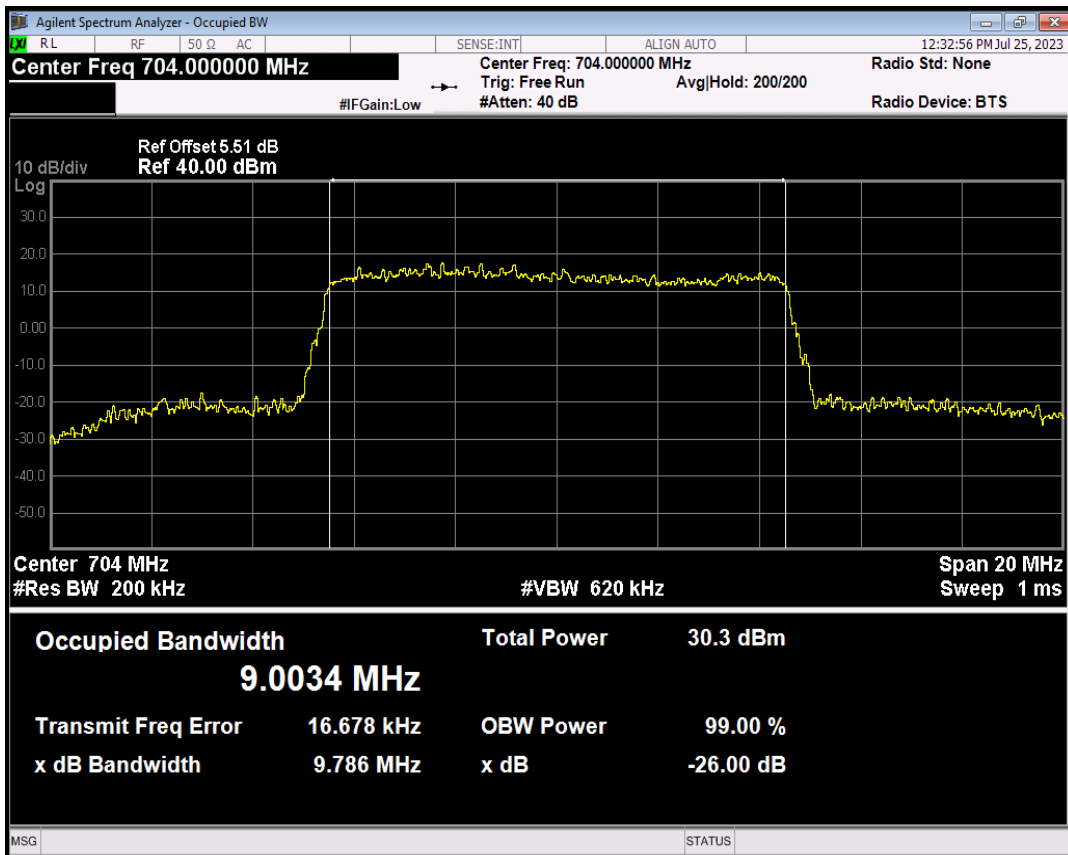
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



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

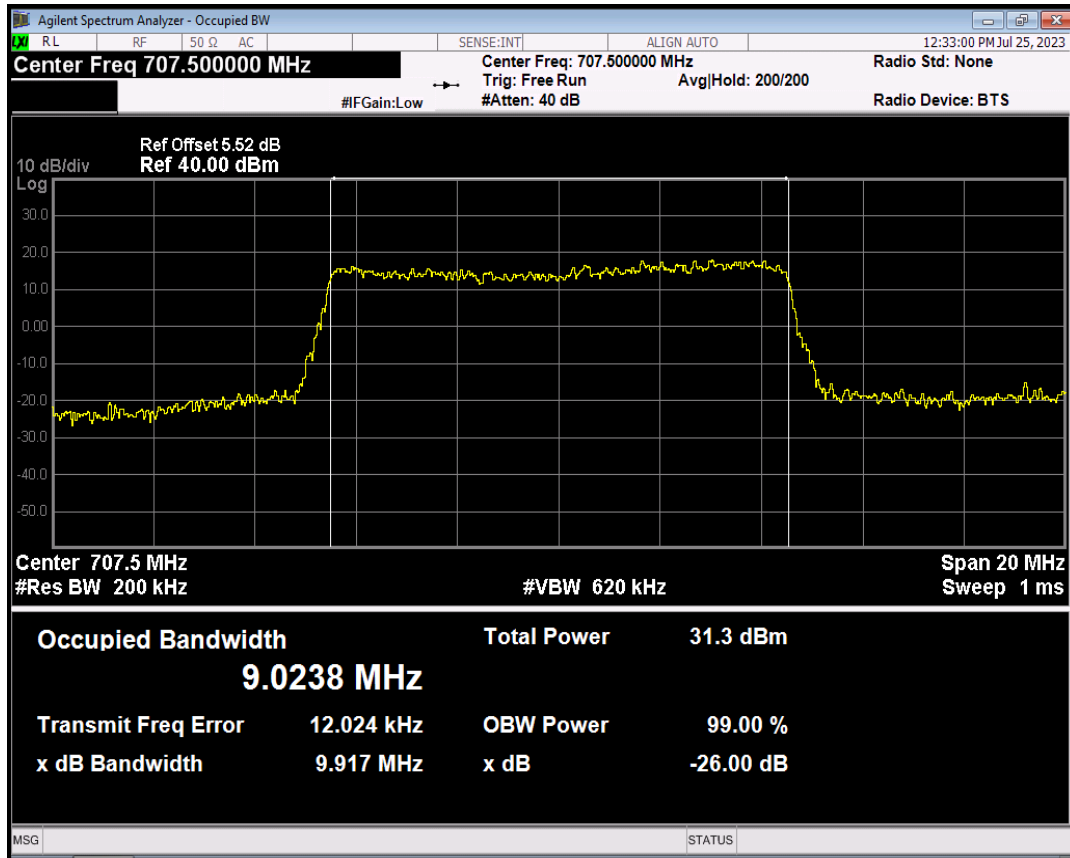


Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0

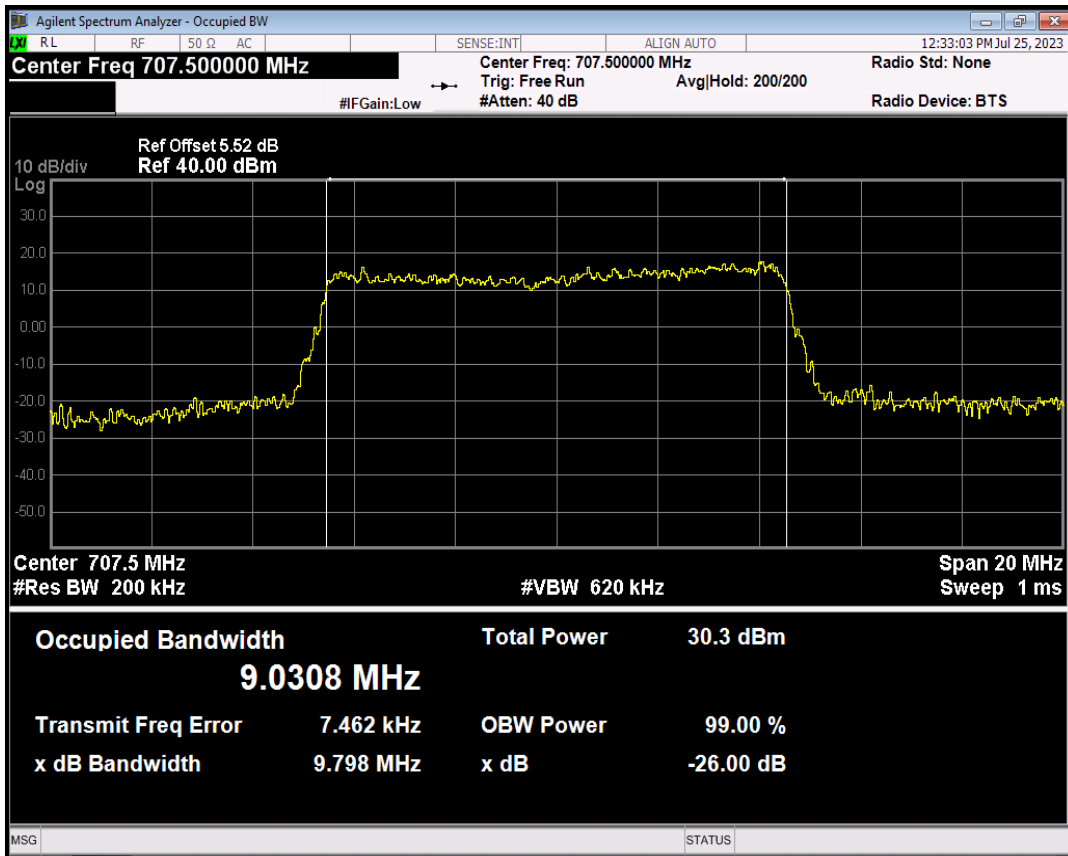




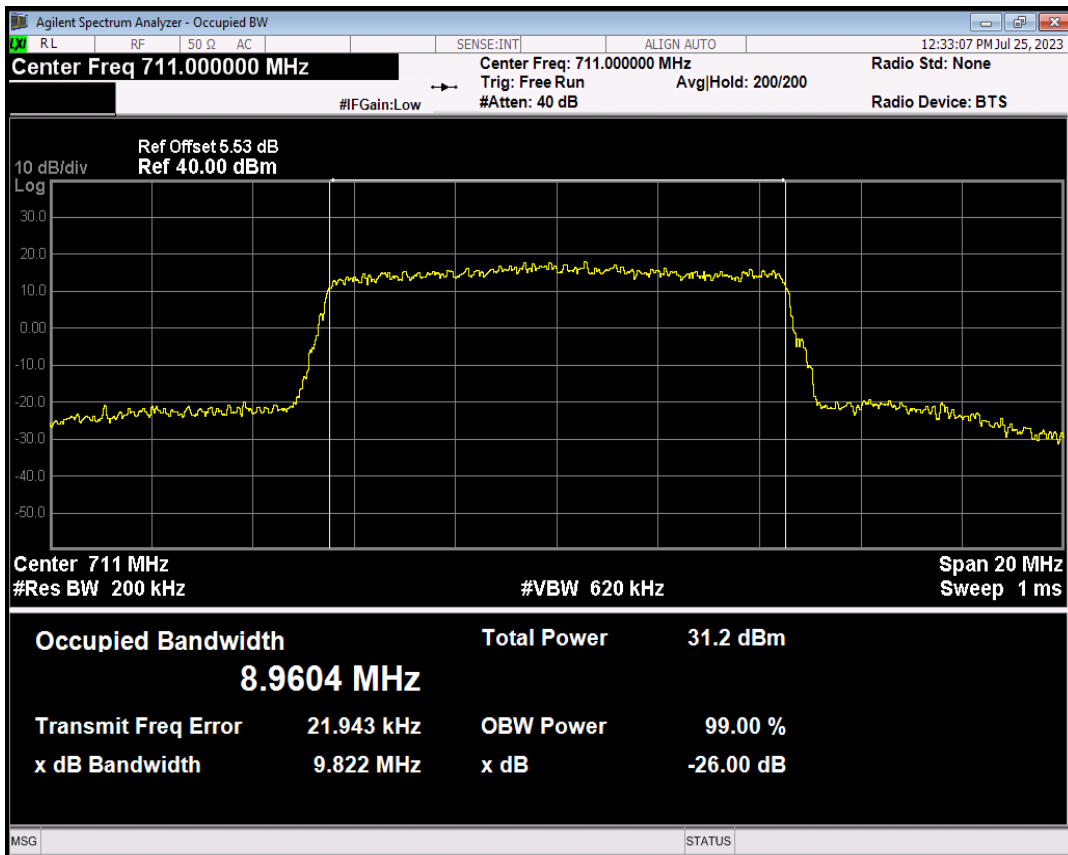
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



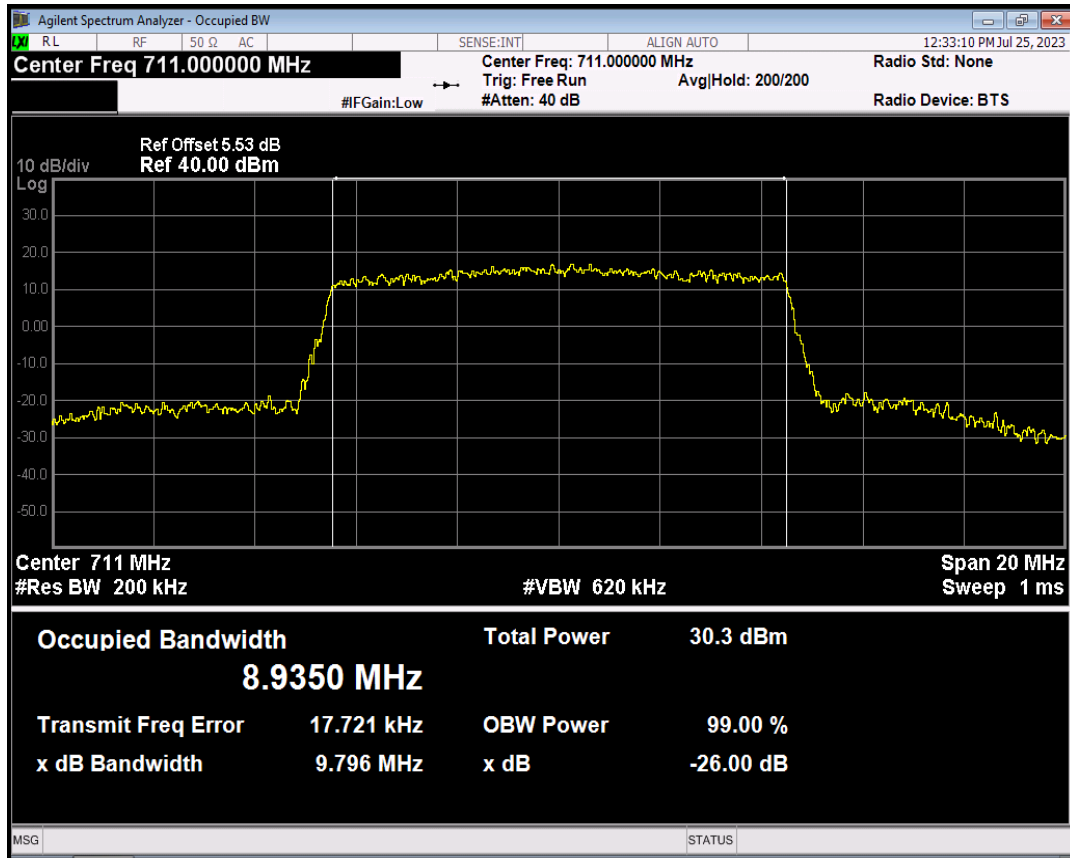
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



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



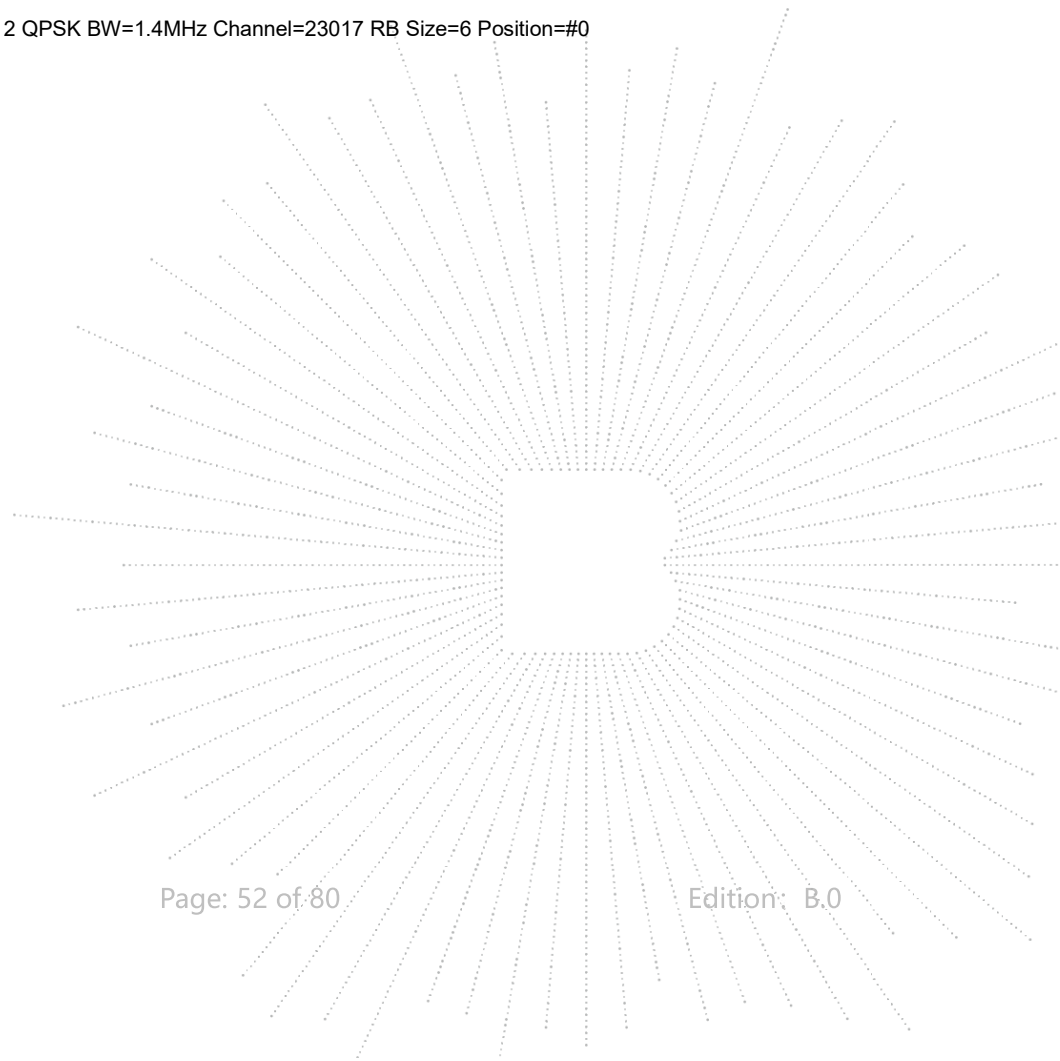
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

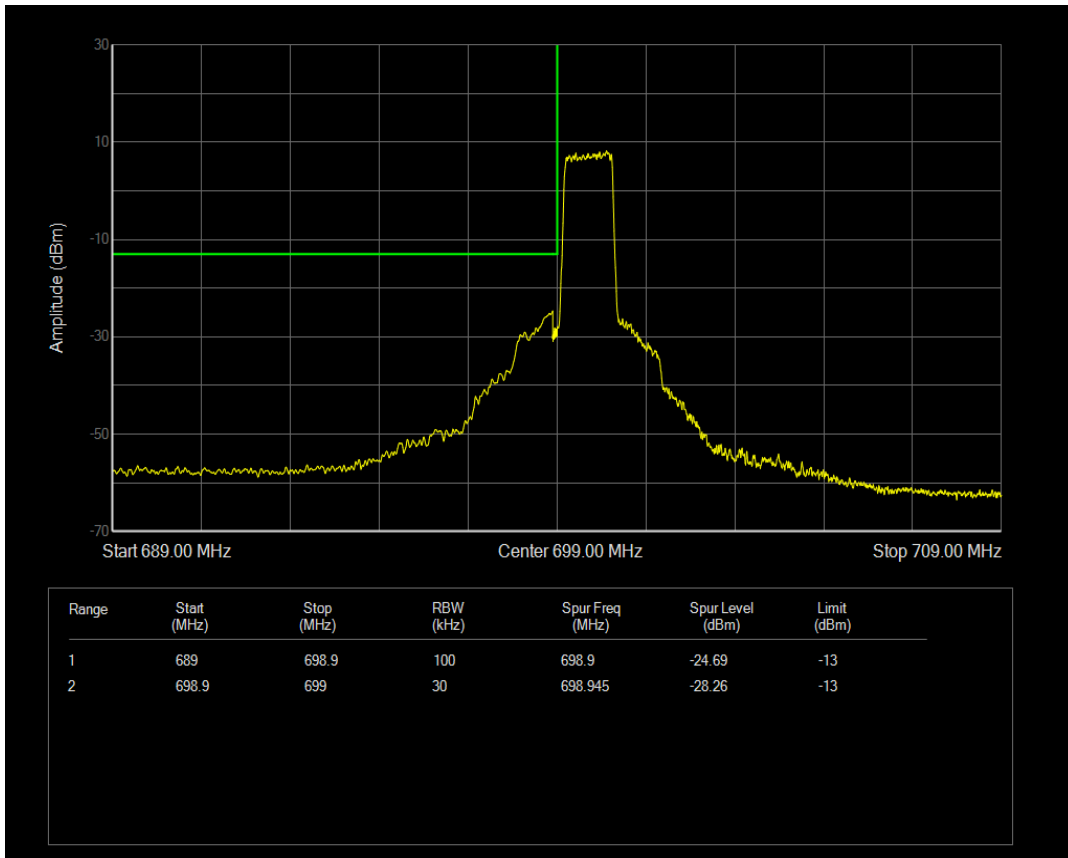


Appendix 5. Band edge

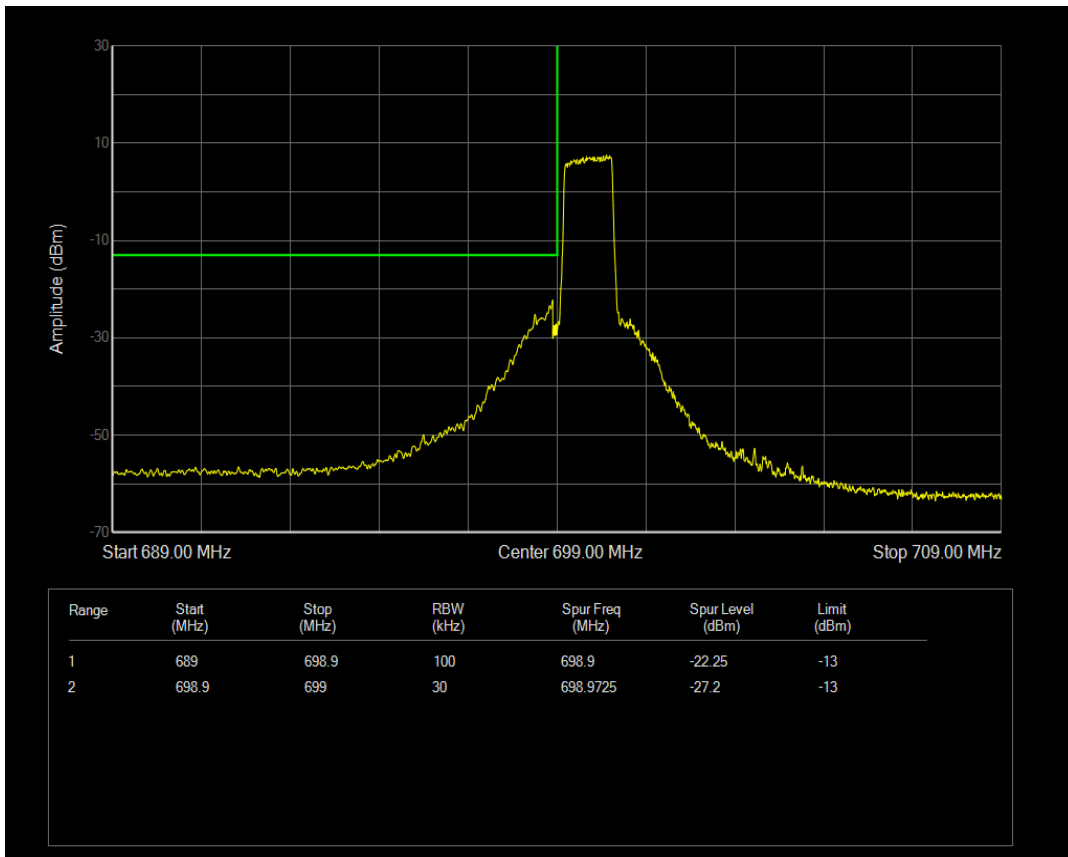
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.90	-24.69	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.90	-22.25	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.13	-22.53	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.15	-23.19	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-25.55	-13	PASS
Band12	3	23025	15	#0	16QAM	699.00	-24.61	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-23.15	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-23.73	-13	PASS
Band12	5	23035	25	#0	QPSK	698.90	-29.67	-13	PASS
Band12	5	23035	25	#0	16QAM	698.82	-29.52	-13	PASS
Band12	5	23155	25	#0	QPSK	716.40	-29.95	-13	PASS
Band12	5	23155	25	#0	16QAM	716.67	-30.66	-13	PASS
Band12	10	23060	50	#0	QPSK	697.80	-33.57	-13	PASS
Band12	10	23060	50	#0	16QAM	698.89	-31.74	-13	PASS
Band12	10	23130	50	#0	QPSK	716.37	-30.77	-13	PASS
Band12	10	23130	50	#0	16QAM	716.34	-32.30	-13	PASS

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

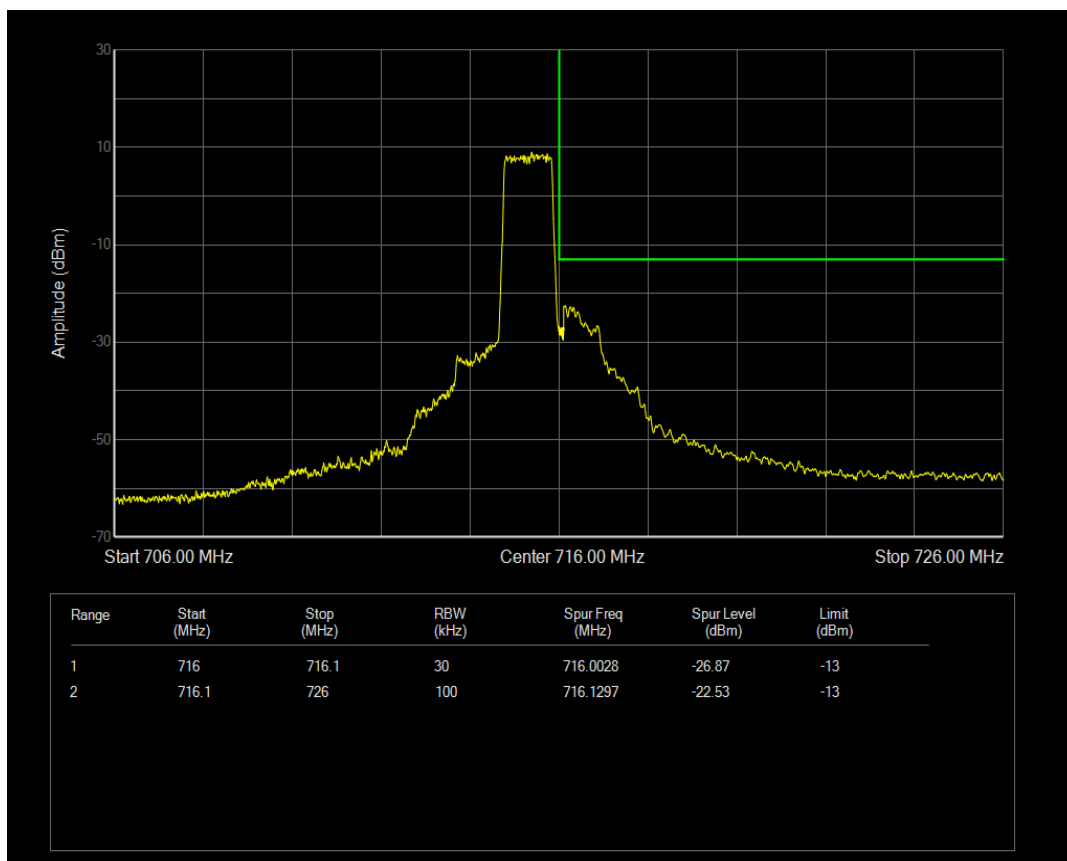




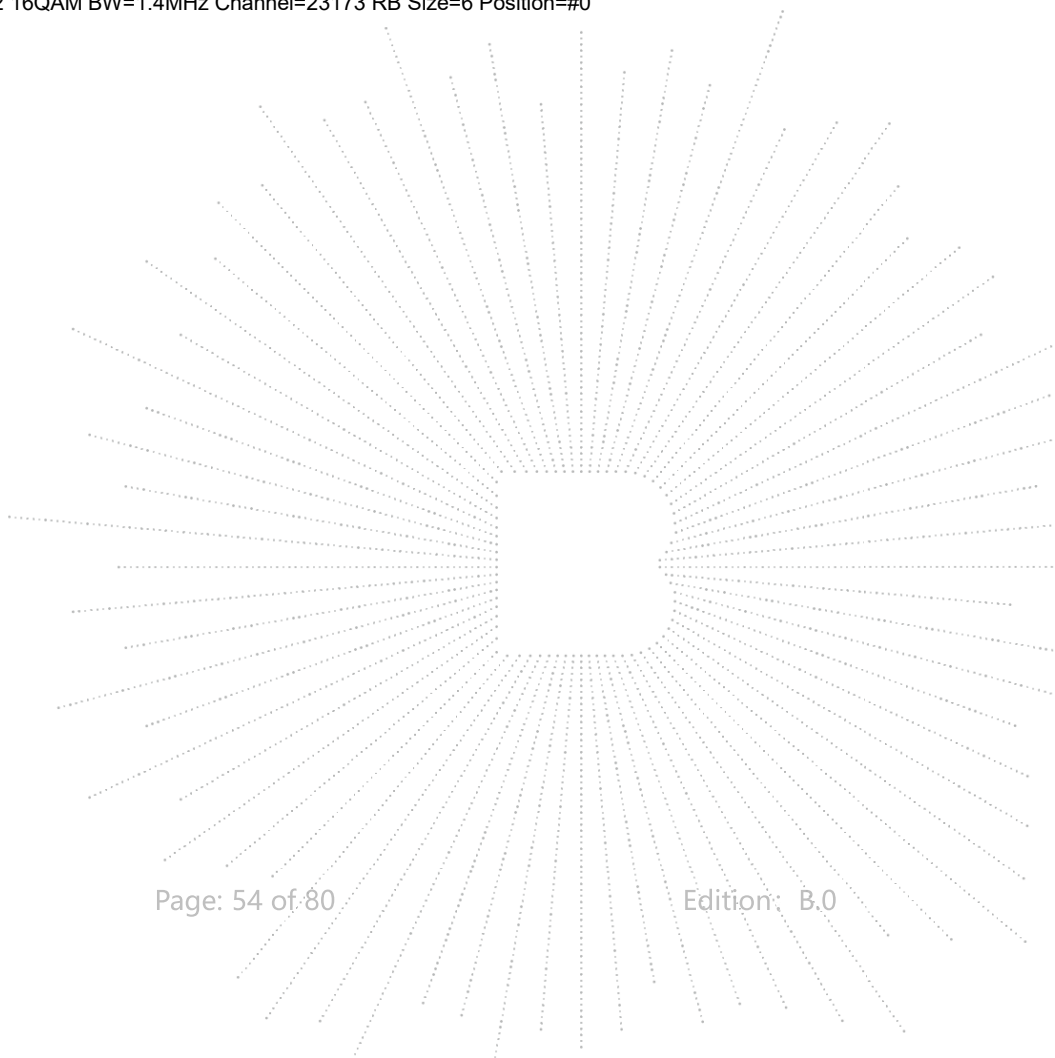
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0

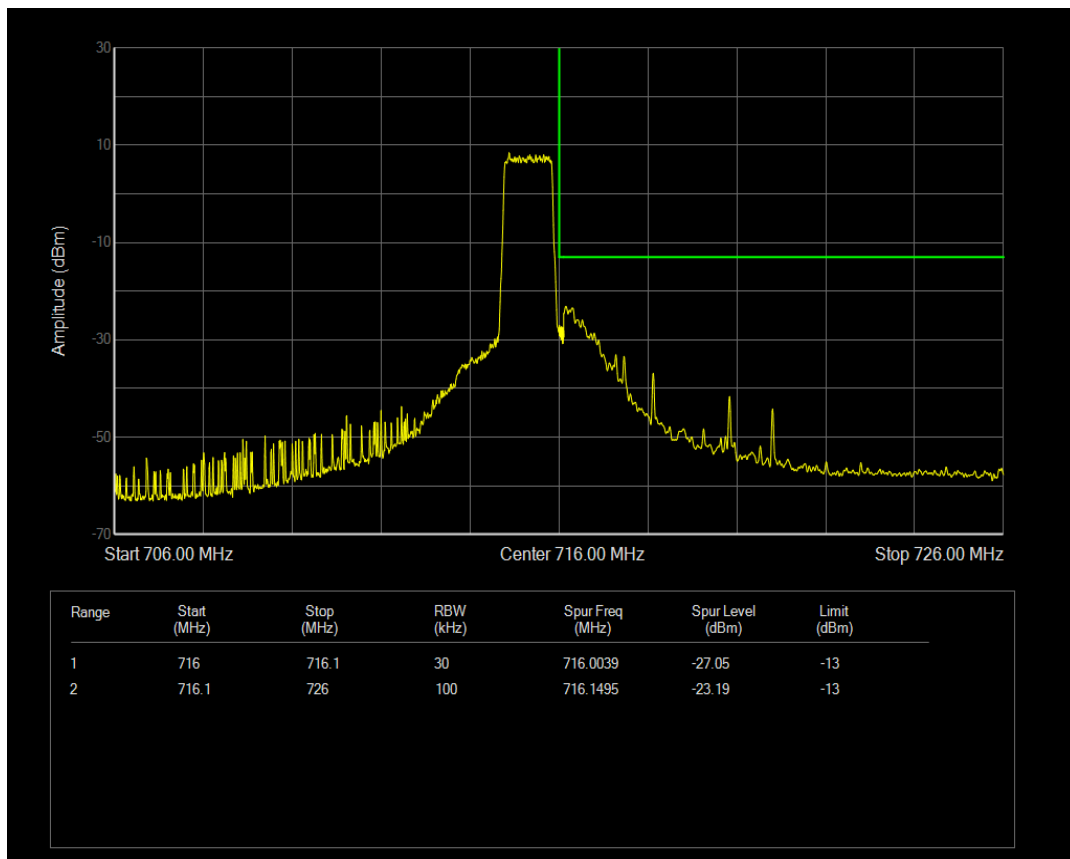


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0

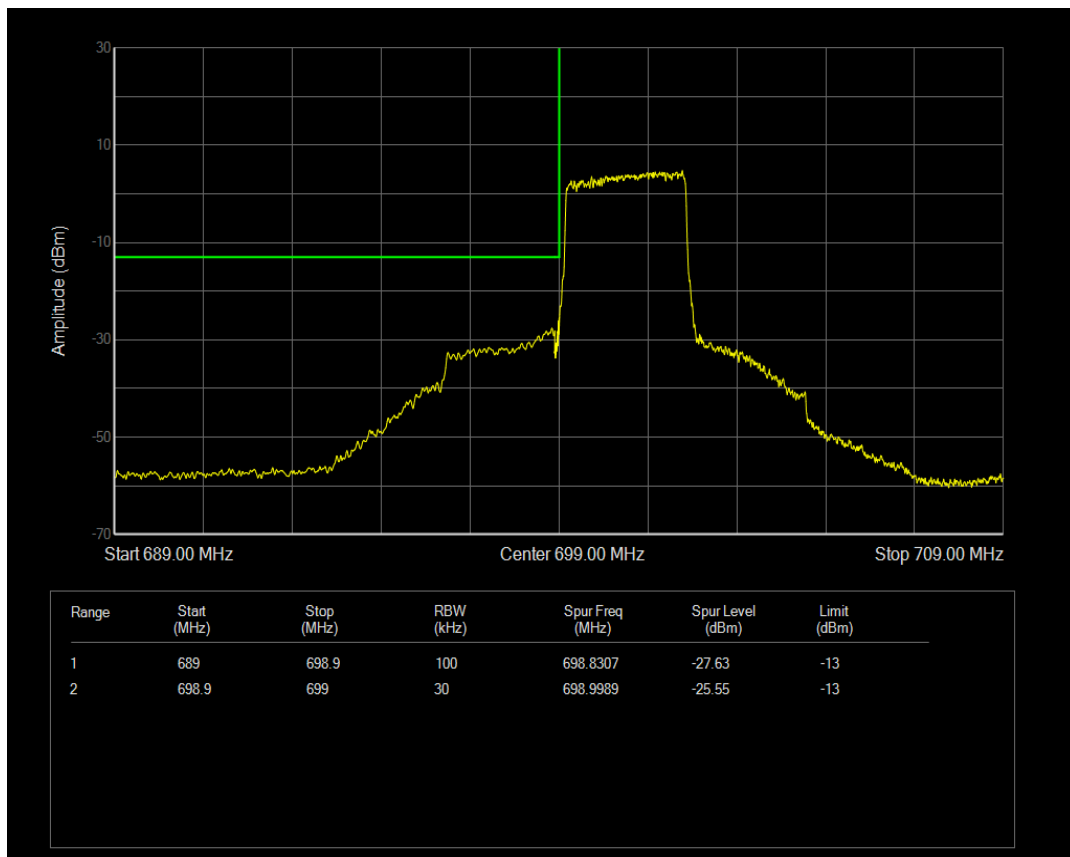


Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



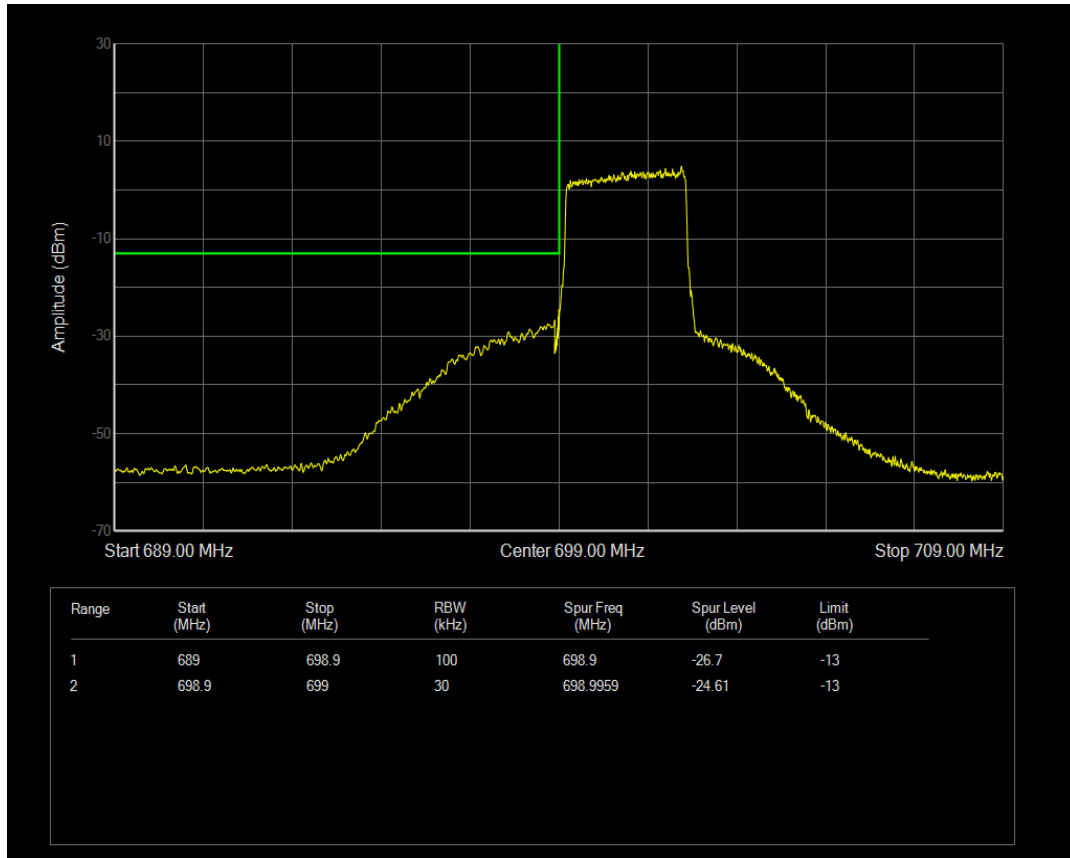


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0

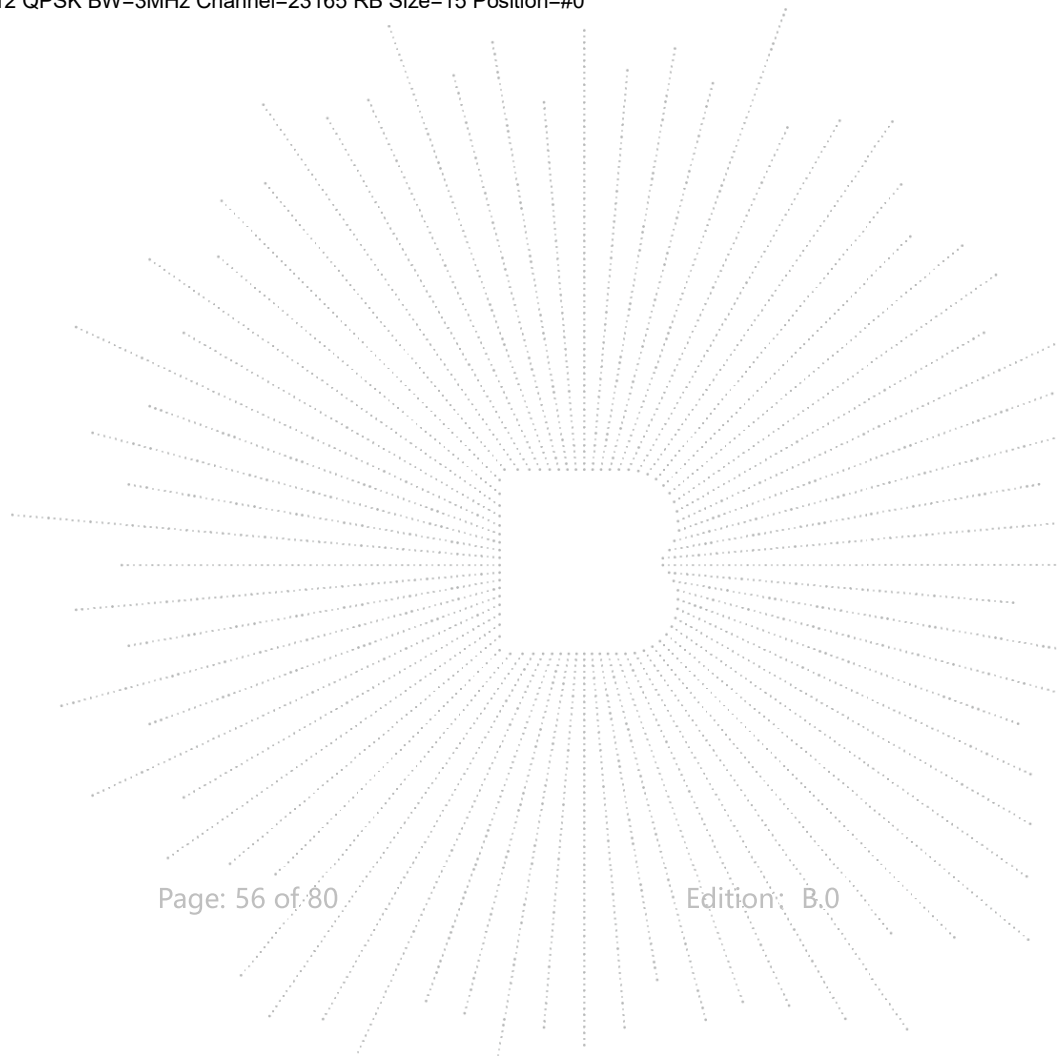


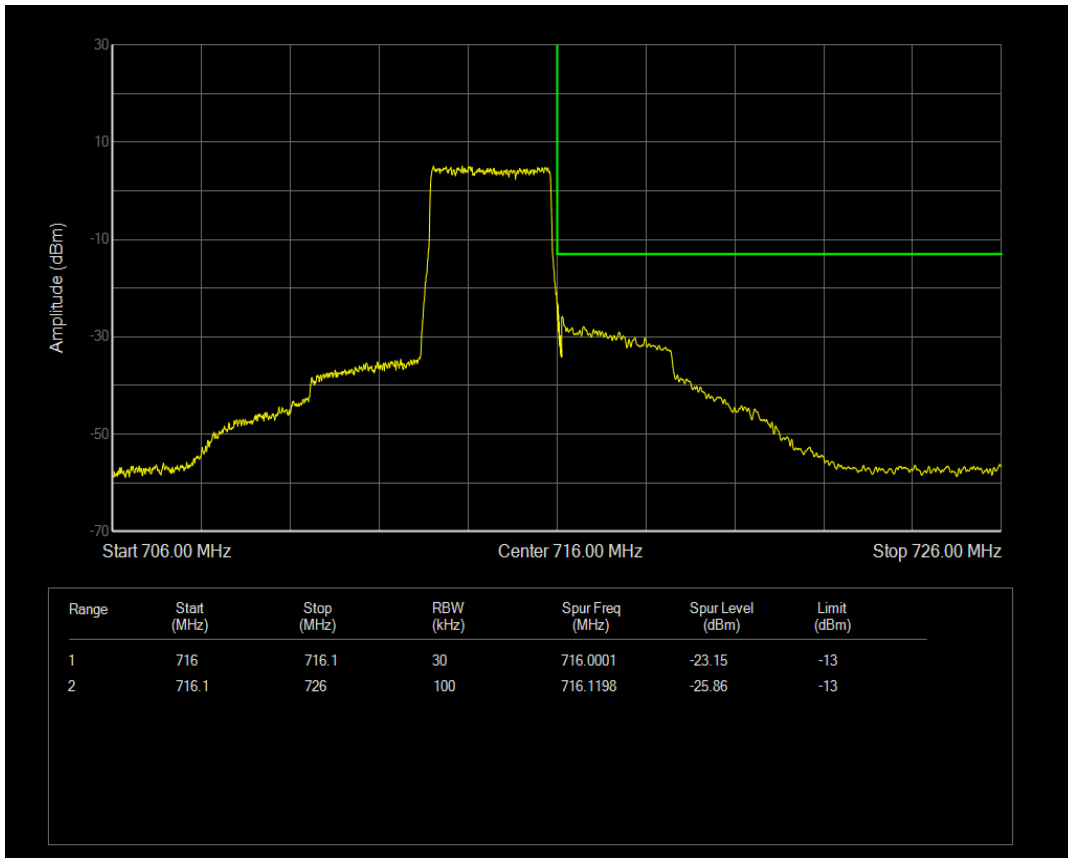


Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0

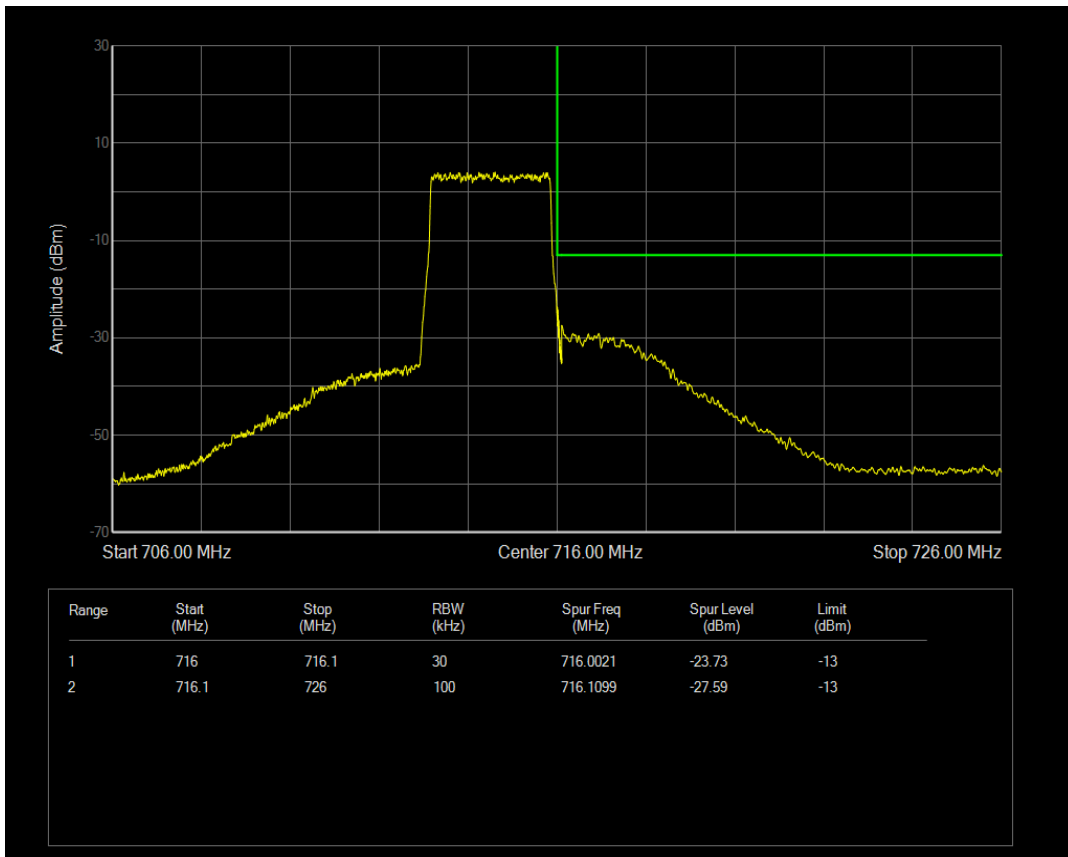


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

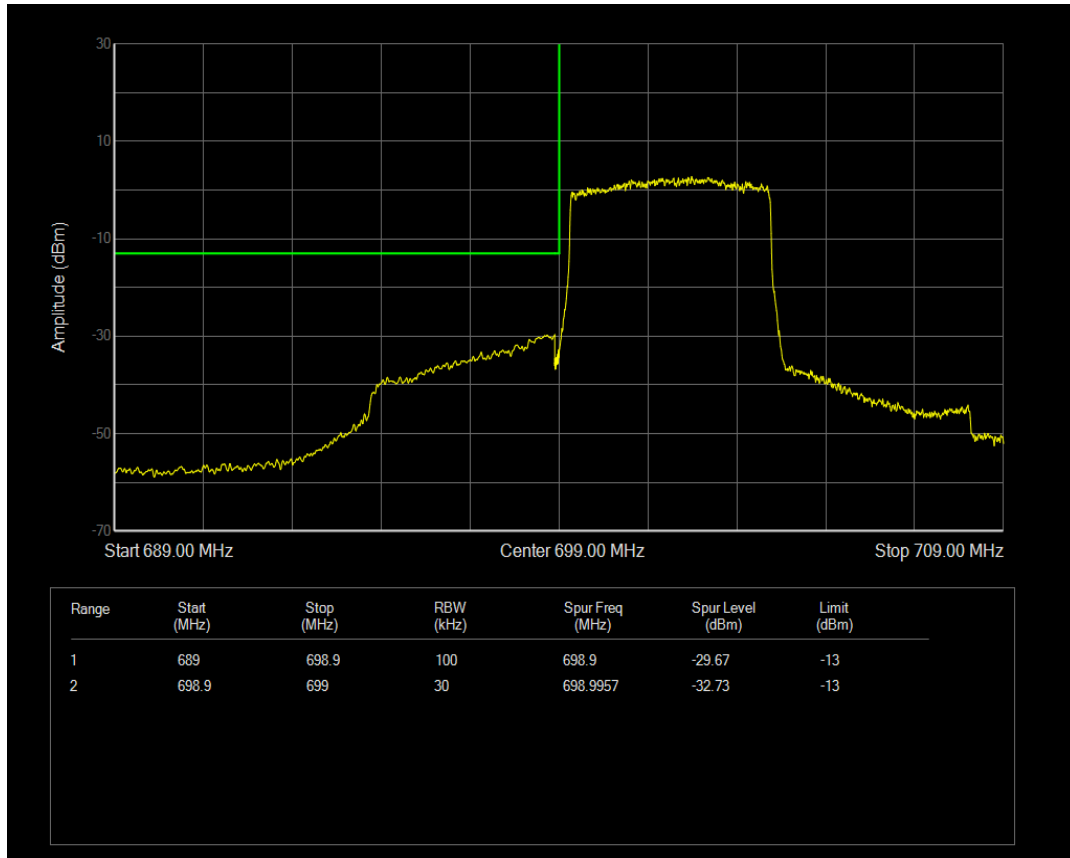




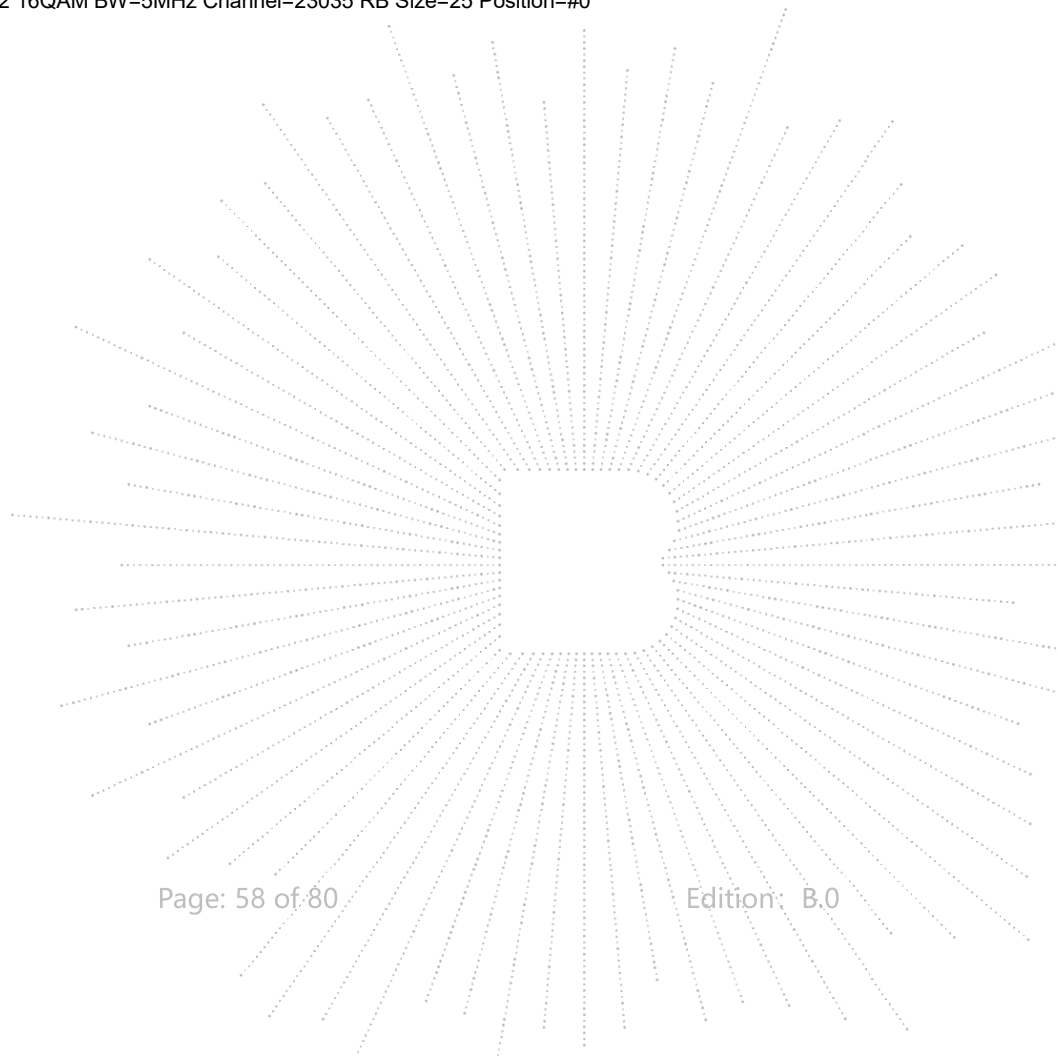
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0

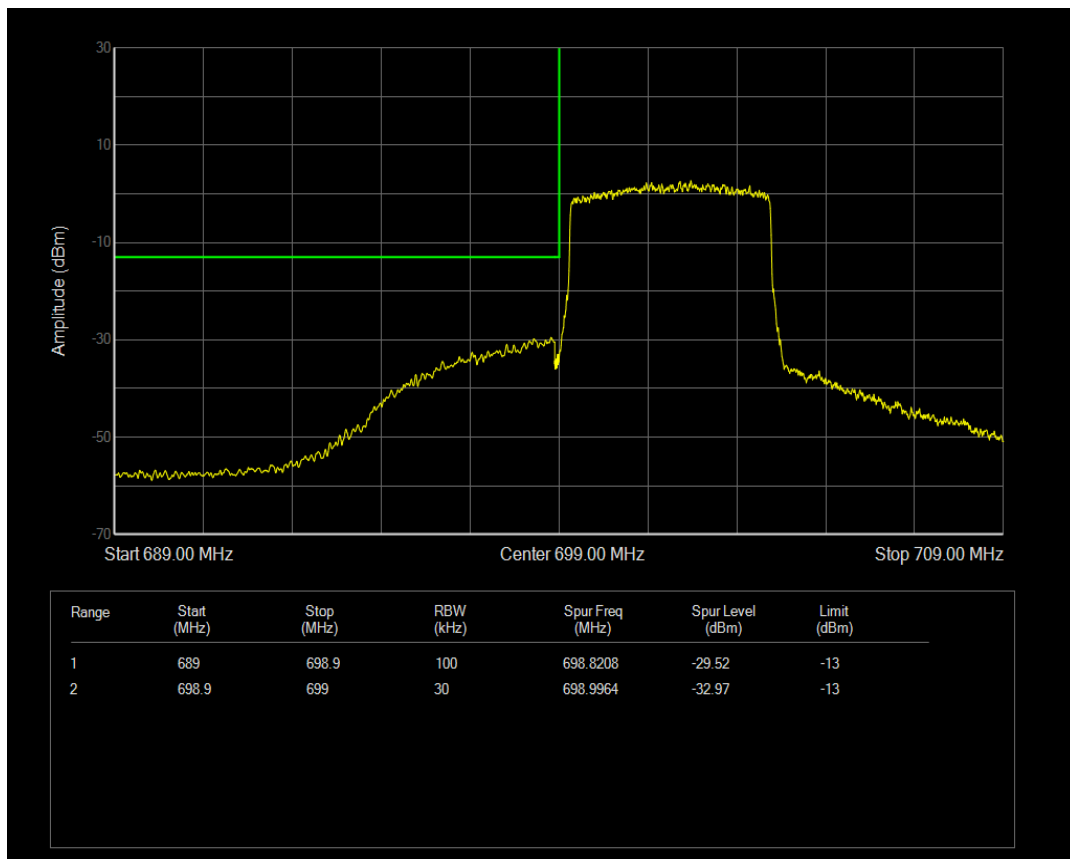


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0

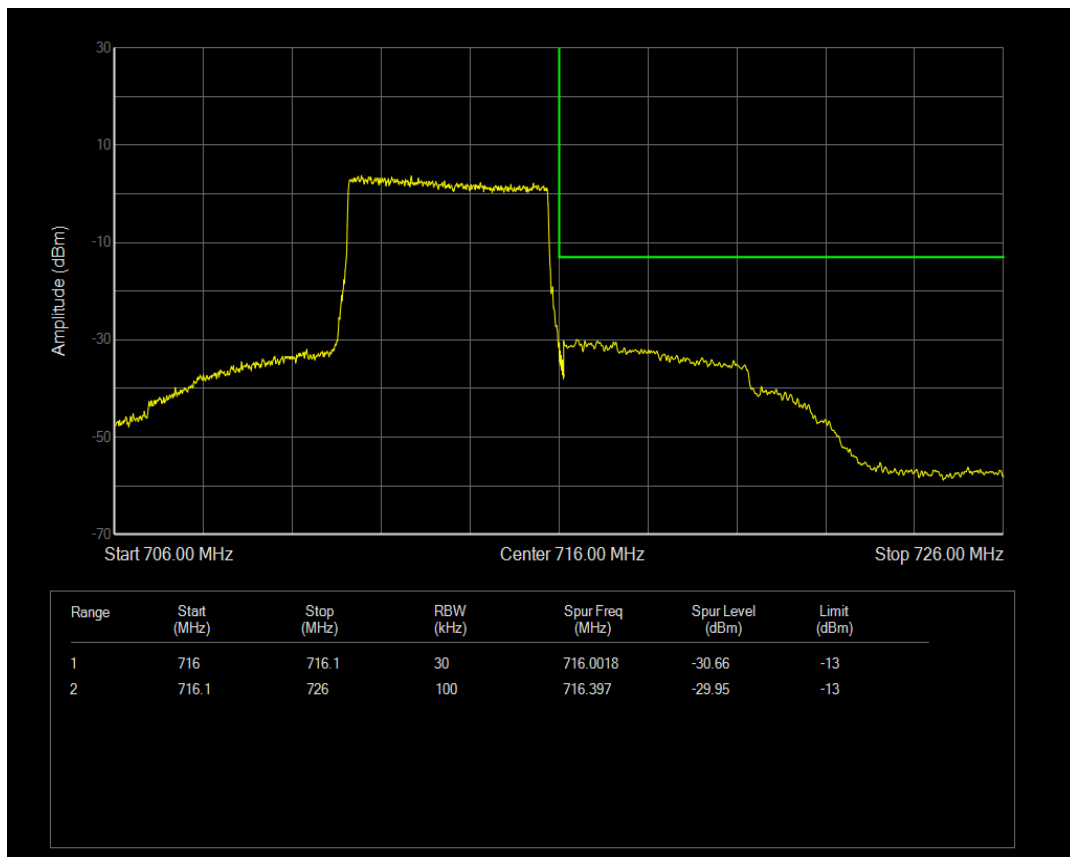


Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0

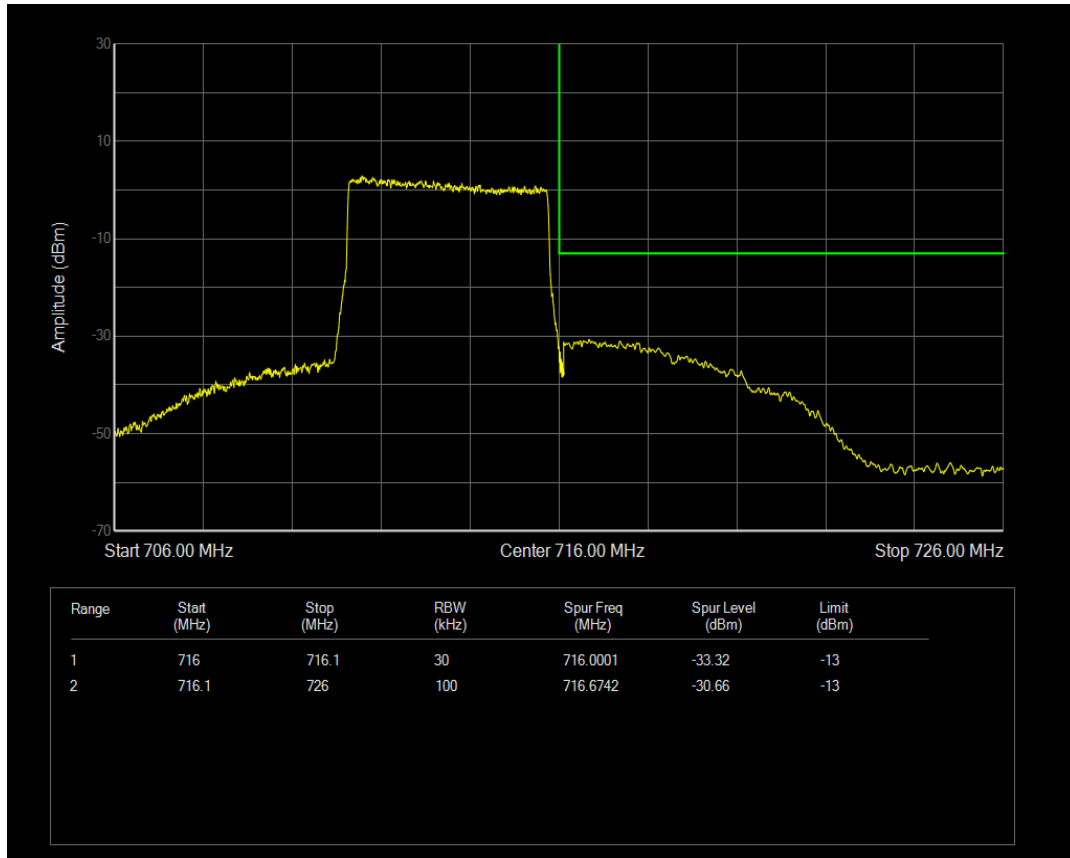




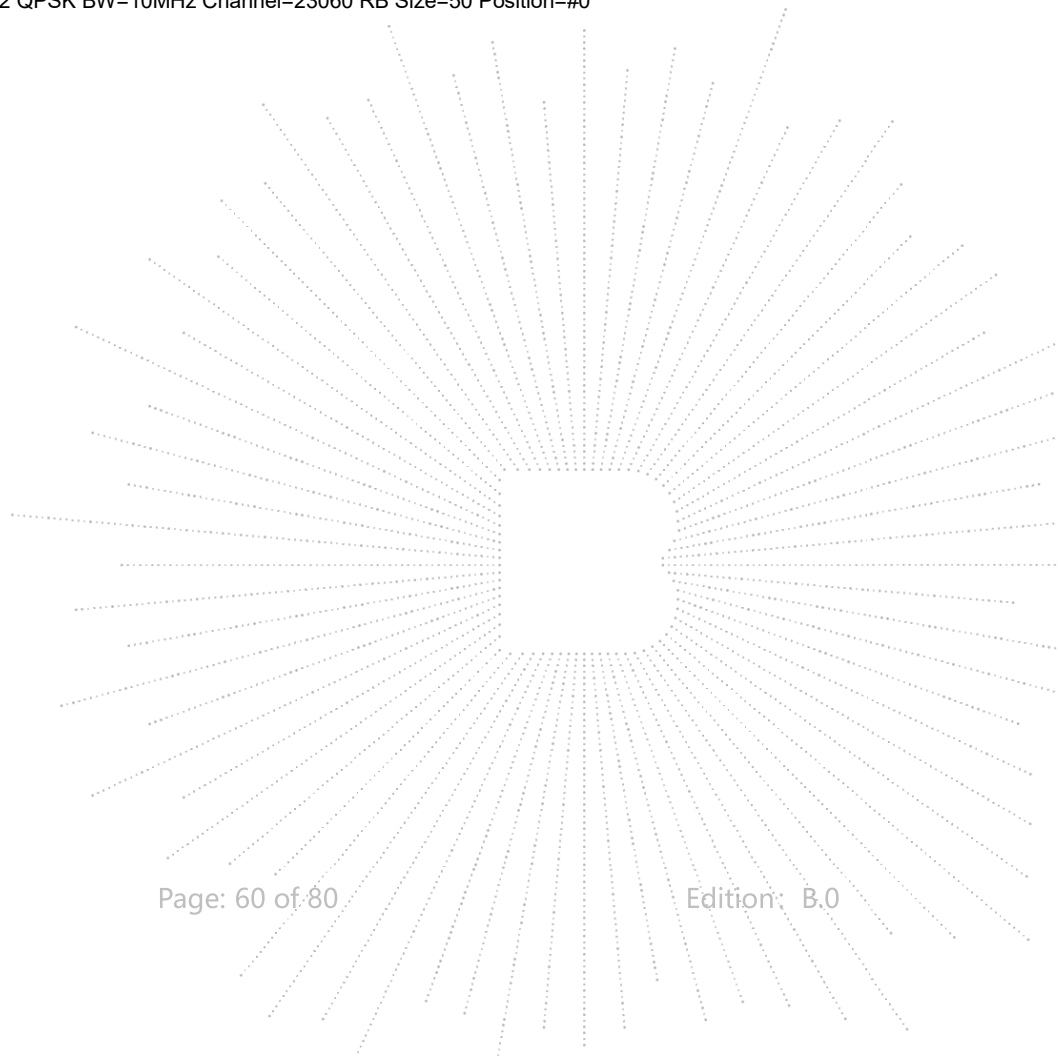
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

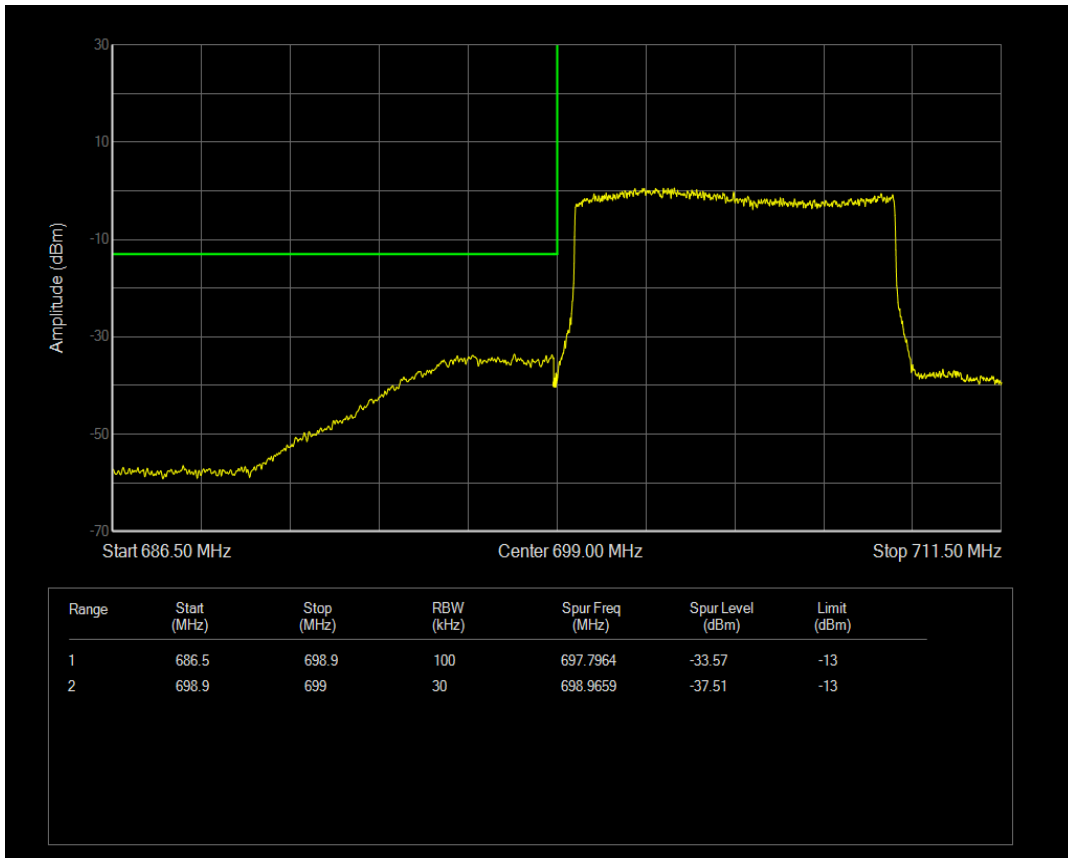


Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0

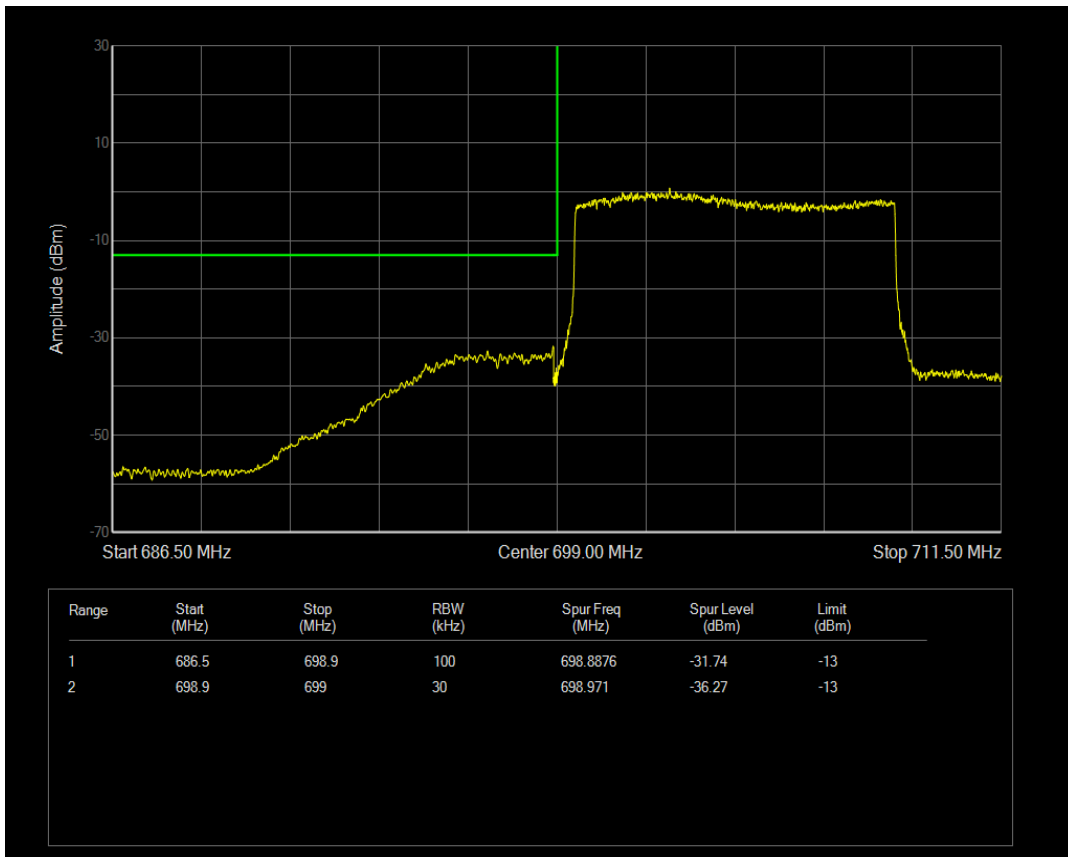


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

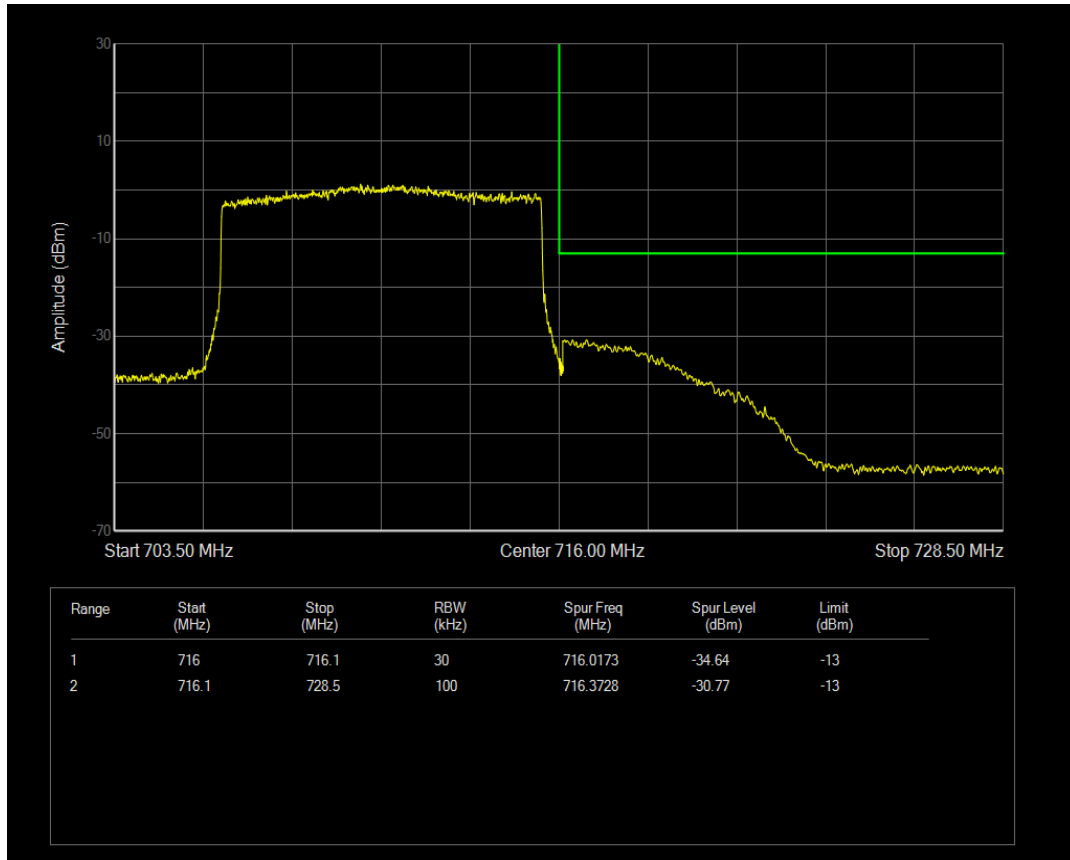




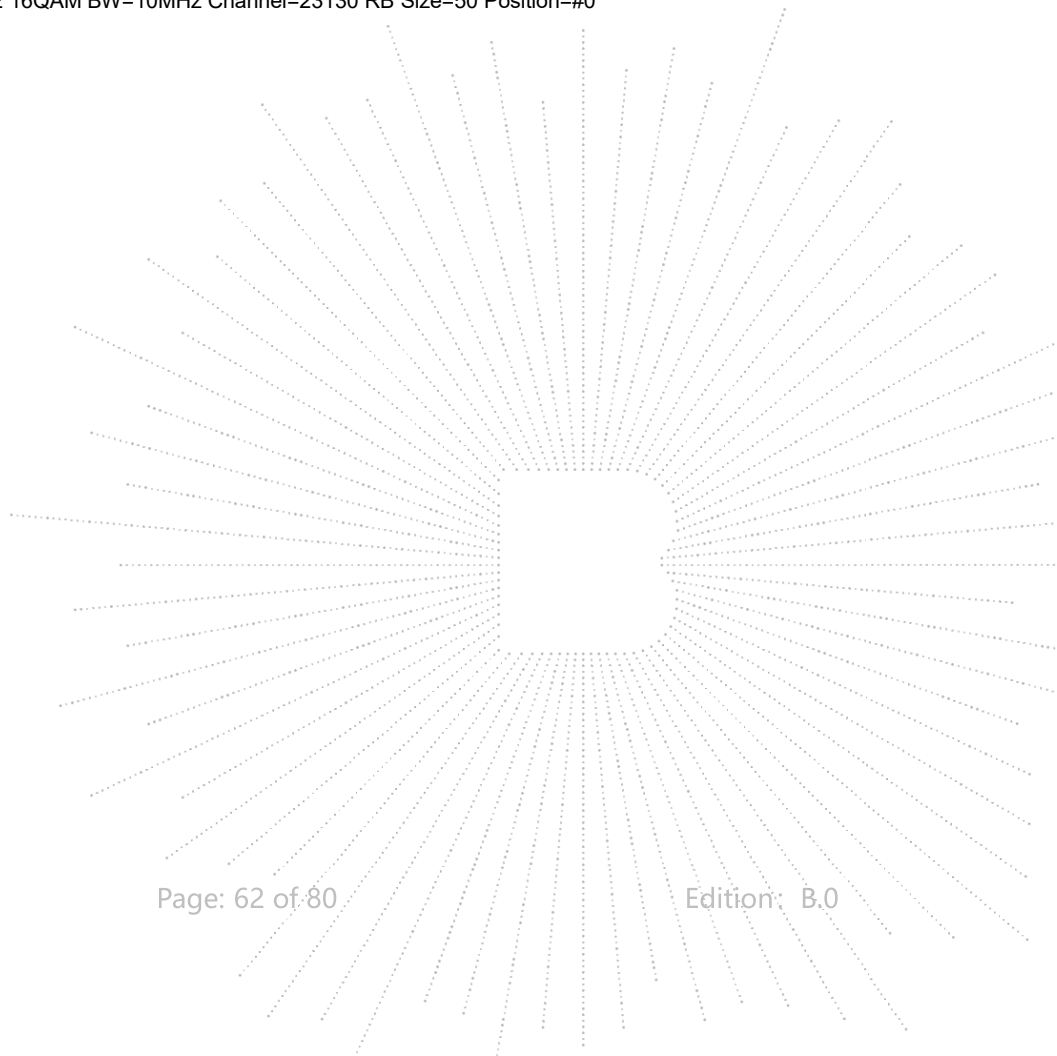
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0

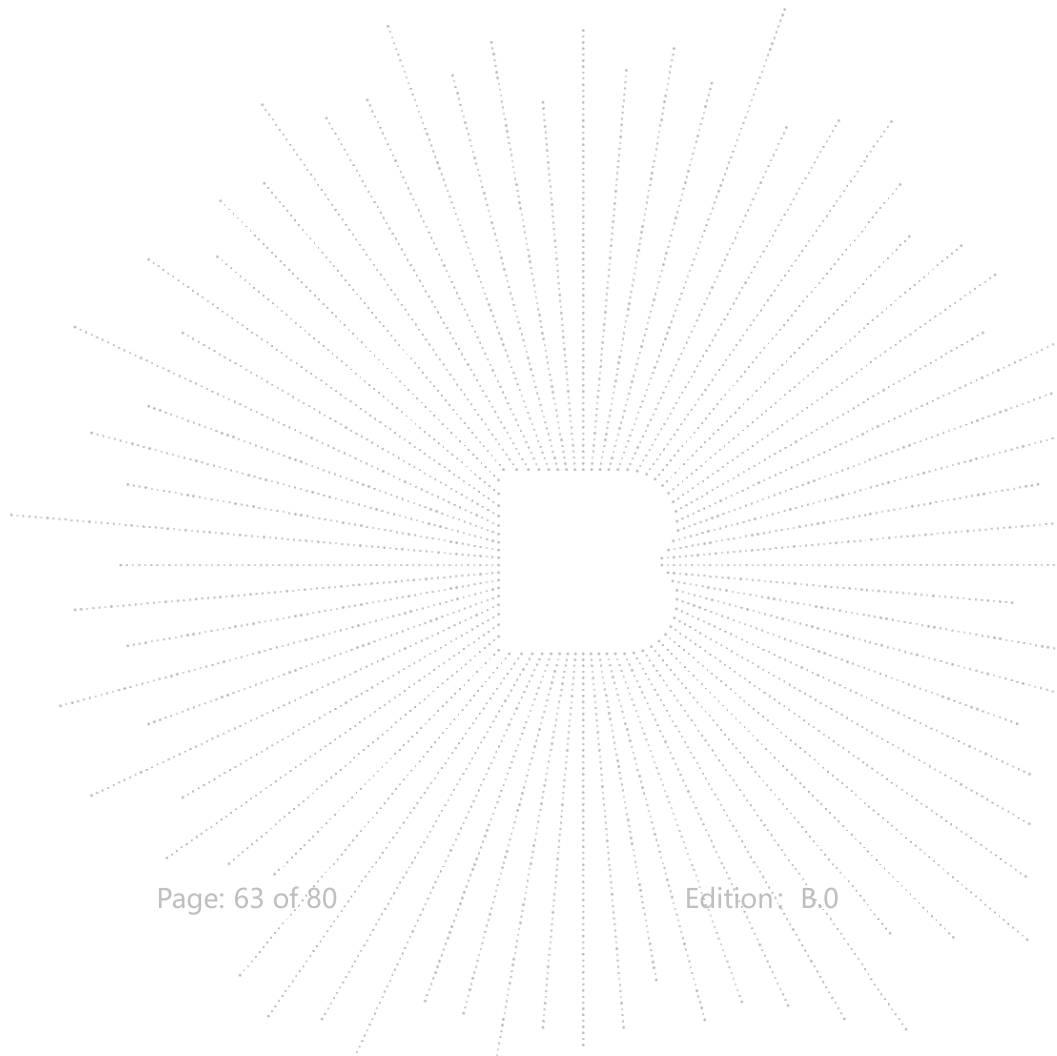
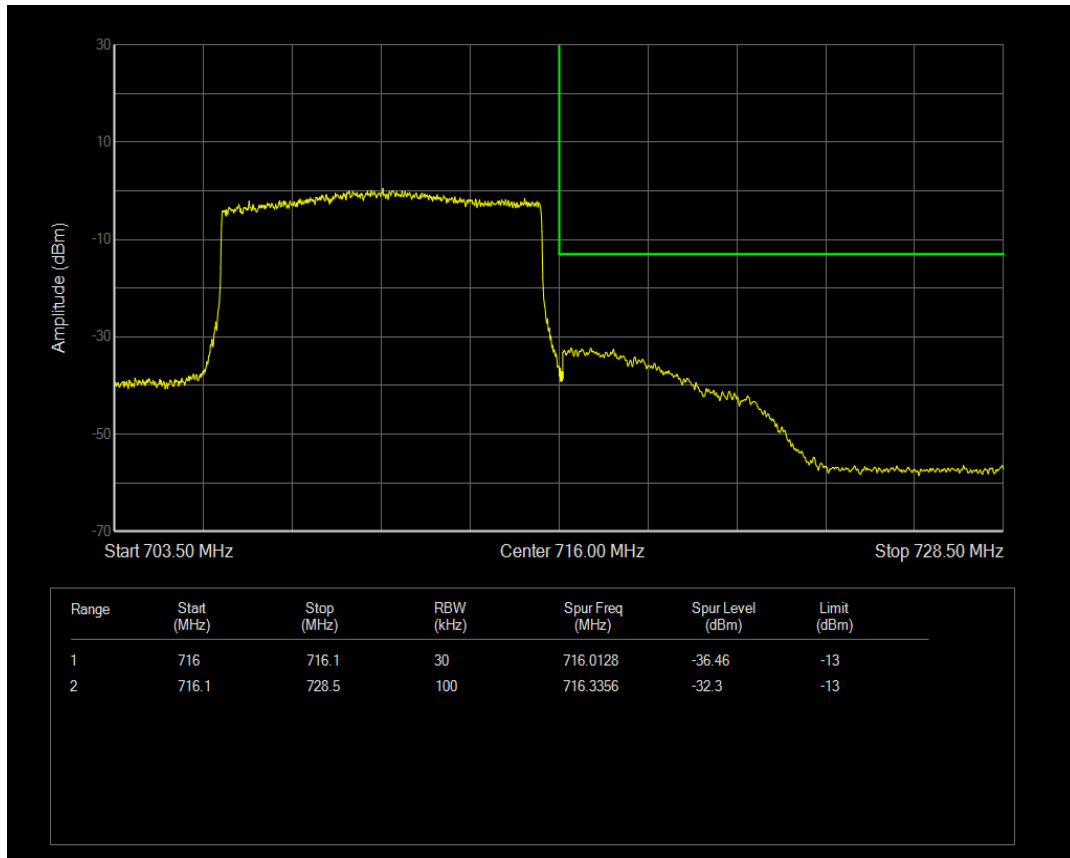


Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



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

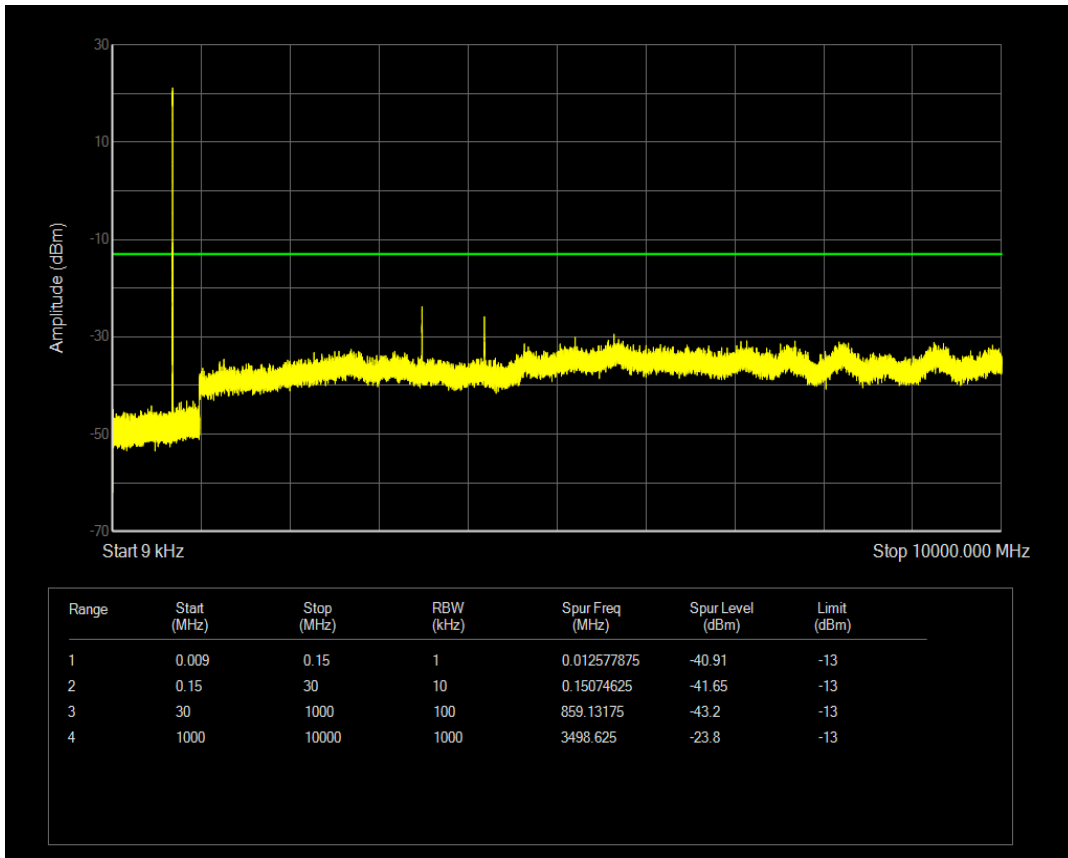




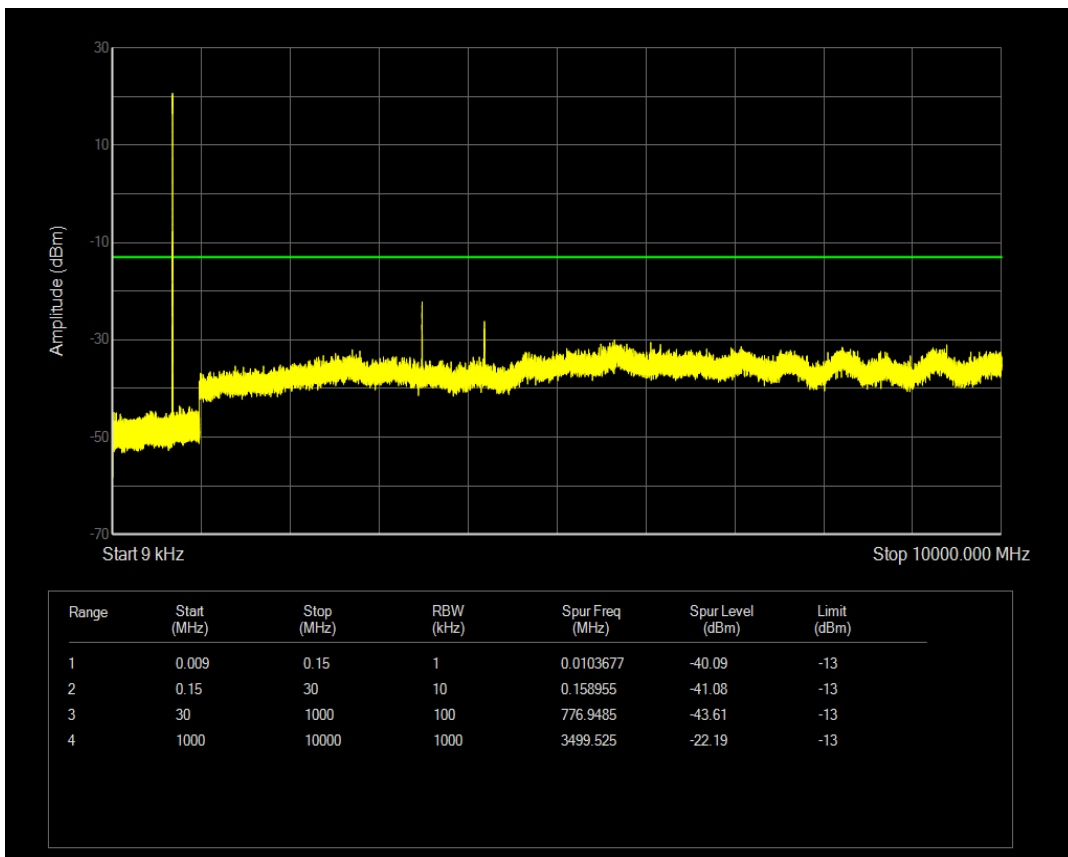
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	3498.63	-23.80	-13	PASS
Band12	1.4	23017	6	#0	16QAM	3499.53	-22.19	-13	PASS
Band12	1.4	23095	6	#0	QPSK	3538.23	-24.15	-13	PASS
Band12	1.4	23095	6	#0	16QAM	3537.10	-24.26	-13	PASS
Band12	1.4	23173	6	#0	QPSK	3576.70	-22.01	-13	PASS
Band12	1.4	23173	6	#0	16QAM	3576.03	-26.85	-13	PASS
Band12	3	23025	15	#0	QPSK	3502.23	-28.59	-13	PASS
Band12	3	23025	15	#0	16QAM	3502.90	-28.47	-13	PASS
Band12	3	23095	15	#0	QPSK	3539.80	-28.13	-13	PASS
Band12	3	23095	15	#0	16QAM	3538.23	-27.08	-13	PASS
Band12	3	23165	15	#0	QPSK	3573.10	-27.93	-13	PASS
Band12	3	23165	15	#0	16QAM	5246.20	-29.95	-13	PASS
Band12	5	23035	25	#0	QPSK	7138.23	-30.14	-13	PASS
Band12	5	23035	25	#0	16QAM	5500.45	-30.28	-13	PASS
Band12	5	23095	25	#0	QPSK	5610.93	-29.94	-13	PASS
Band12	5	23095	25	#0	16QAM	3540.93	-29.73	-13	PASS
Band12	5	23155	25	#0	QPSK	6880.60	-30.36	-13	PASS
Band12	5	23155	25	#0	16QAM	5741.43	-29.89	-13	PASS
Band12	10	23060	50	#0	QPSK	5669.65	-30.41	-13	PASS
Band12	10	23060	50	#0	16QAM	5221.90	-30.24	-13	PASS
Band12	10	23095	50	#0	QPSK	5801.28	-30.12	-13	PASS
Band12	10	23095	50	#0	16QAM	5692.60	-29.50	-13	PASS
Band12	10	23130	50	#0	QPSK	9977.28	-30.11	-13	PASS
Band12	10	23130	50	#0	16QAM	5709.48	-29.64	-13	PASS

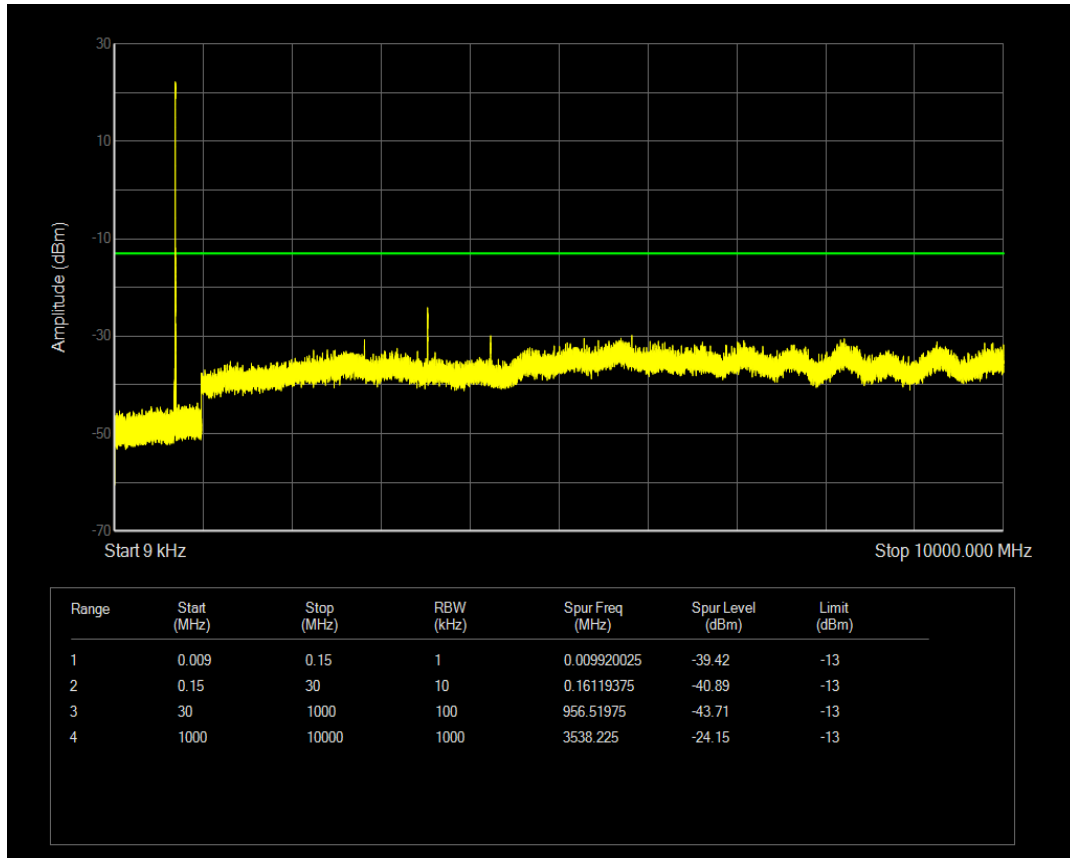
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



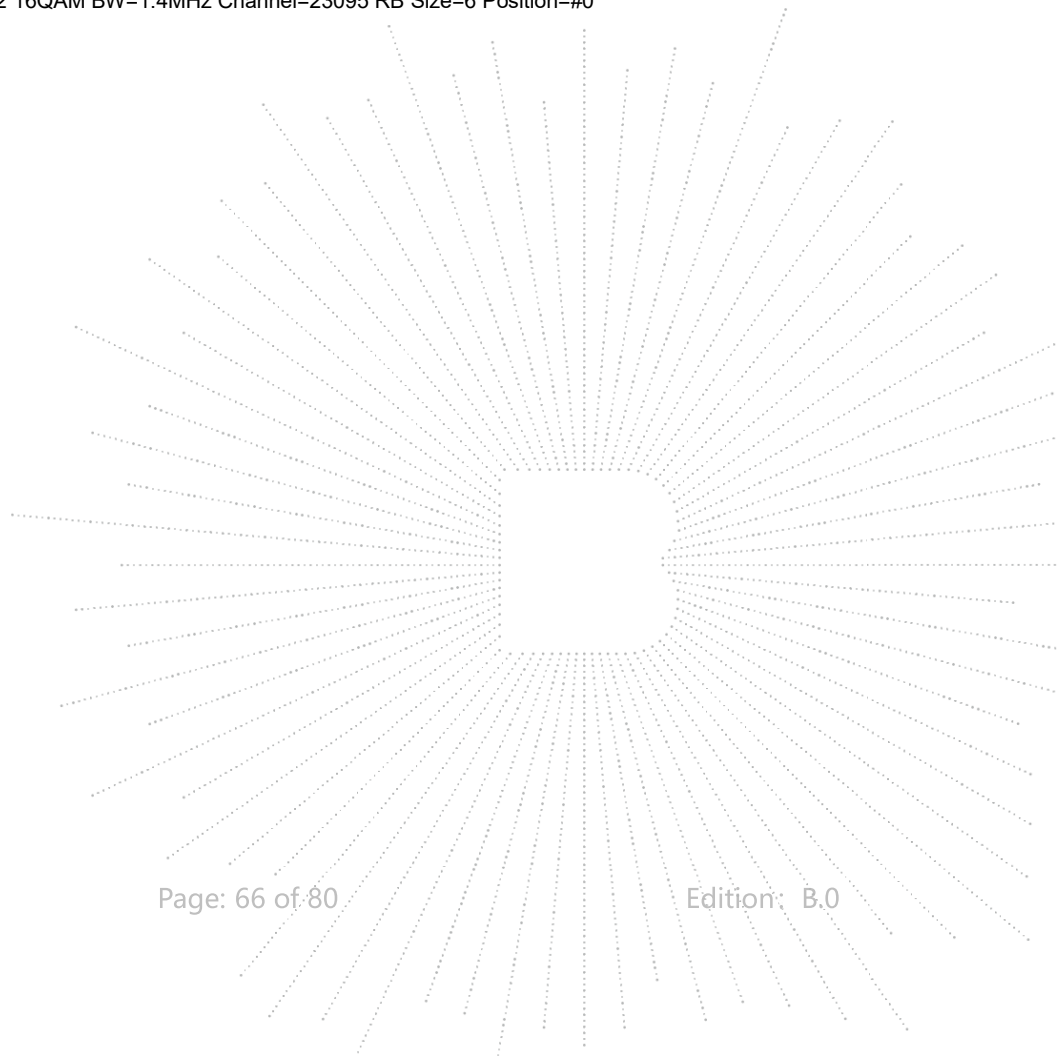
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0

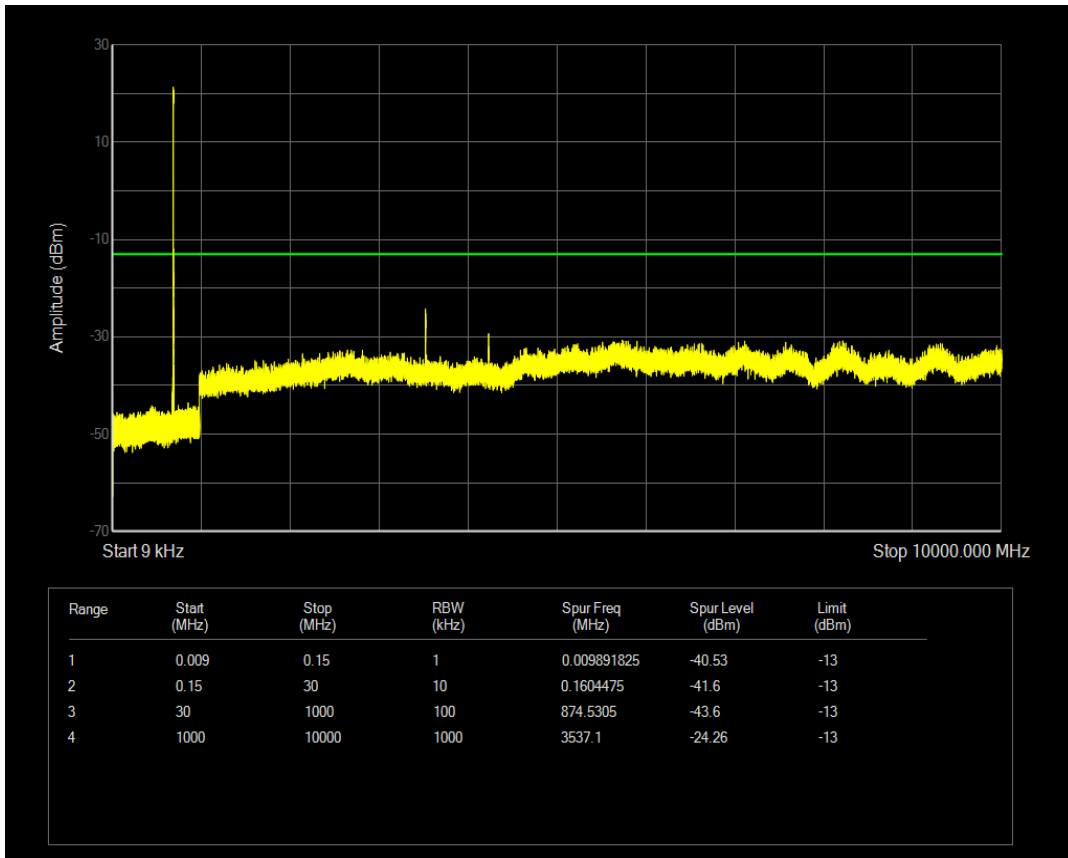


Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0

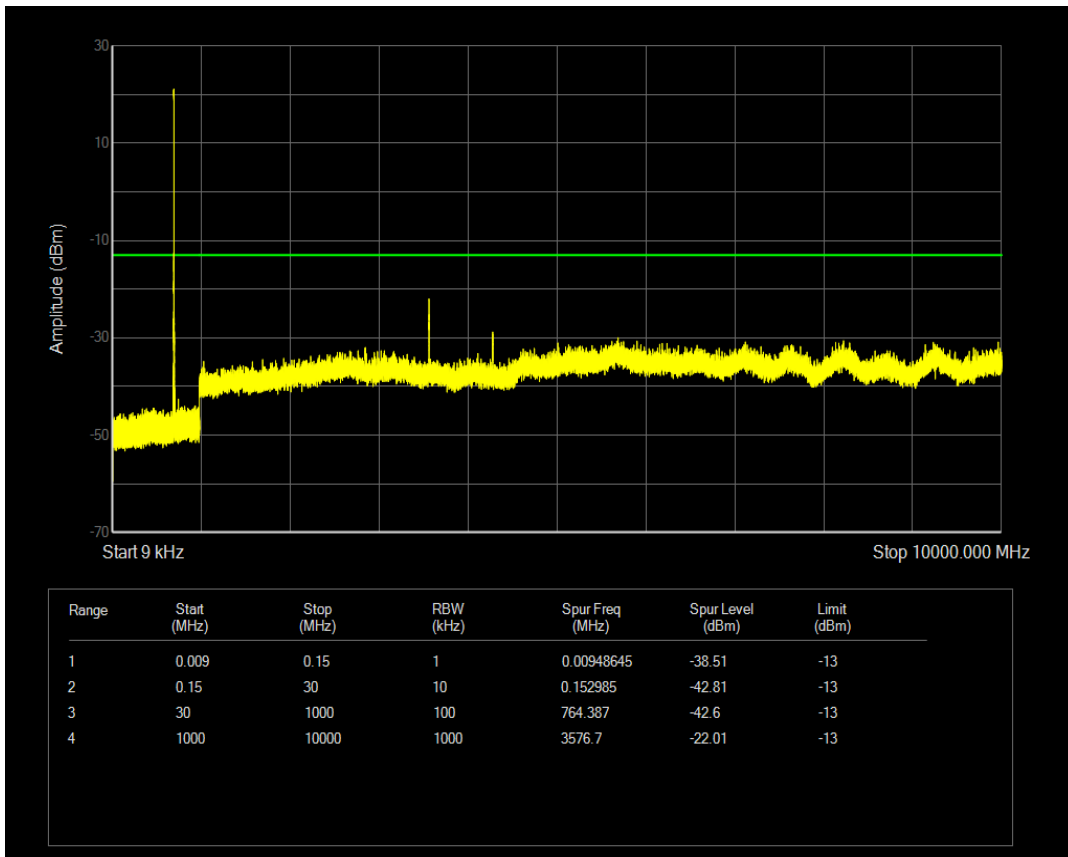


Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0

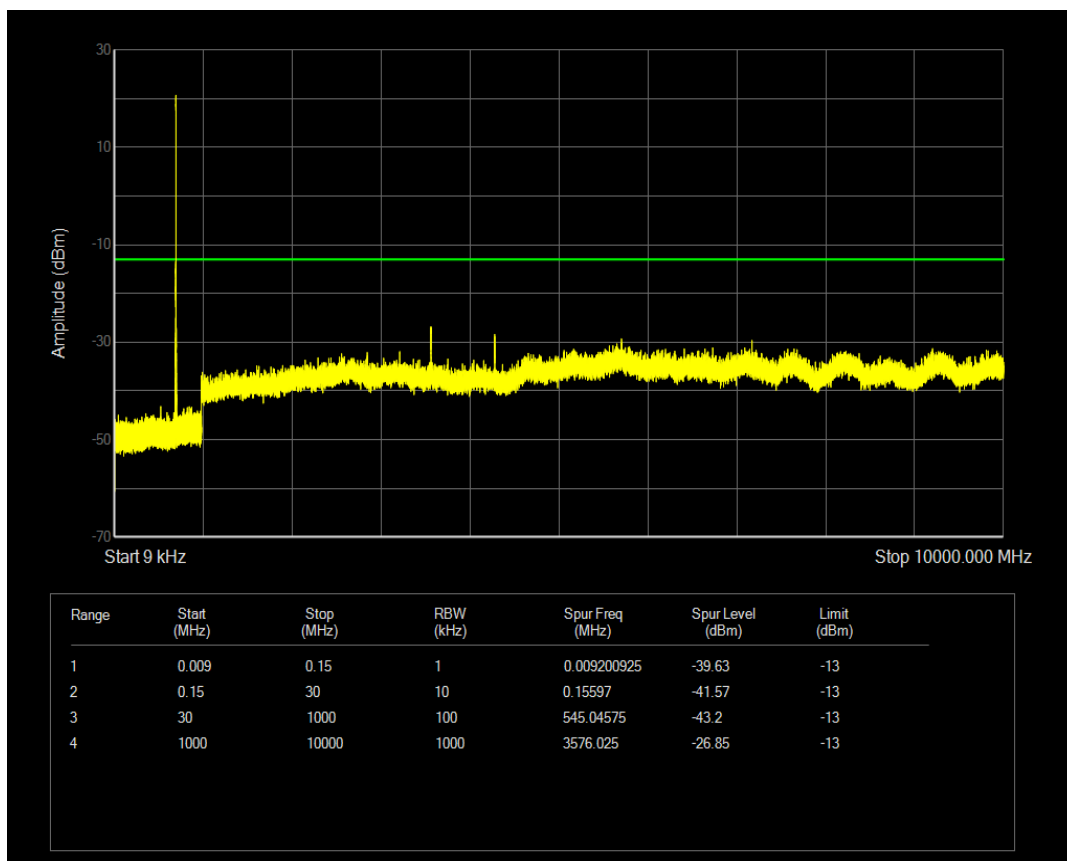




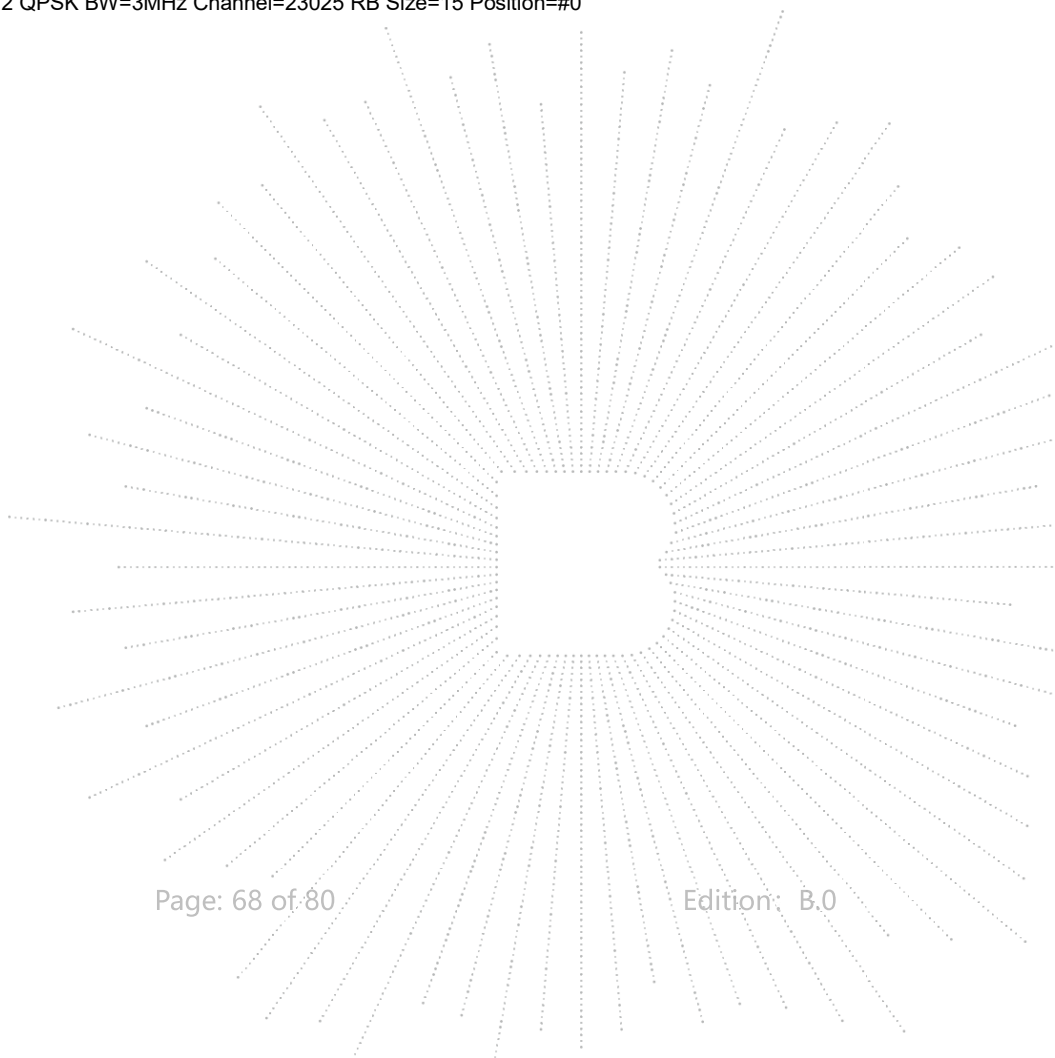
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0

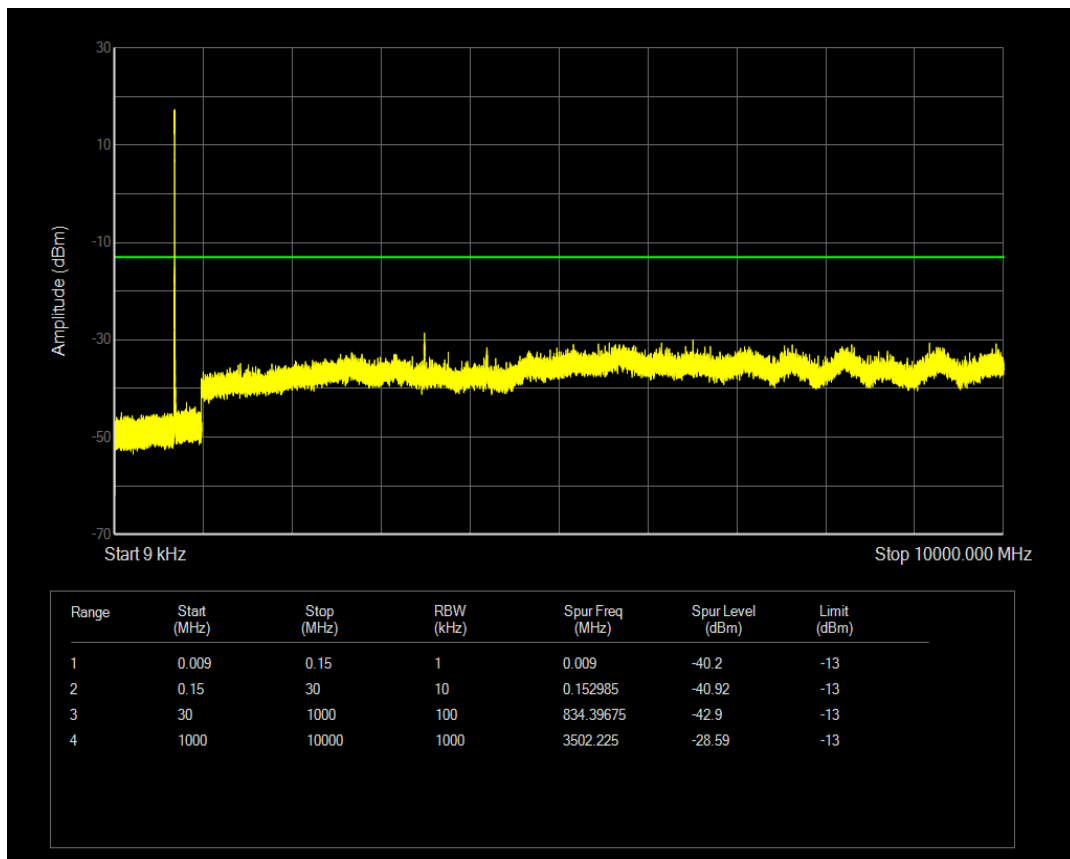


Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0

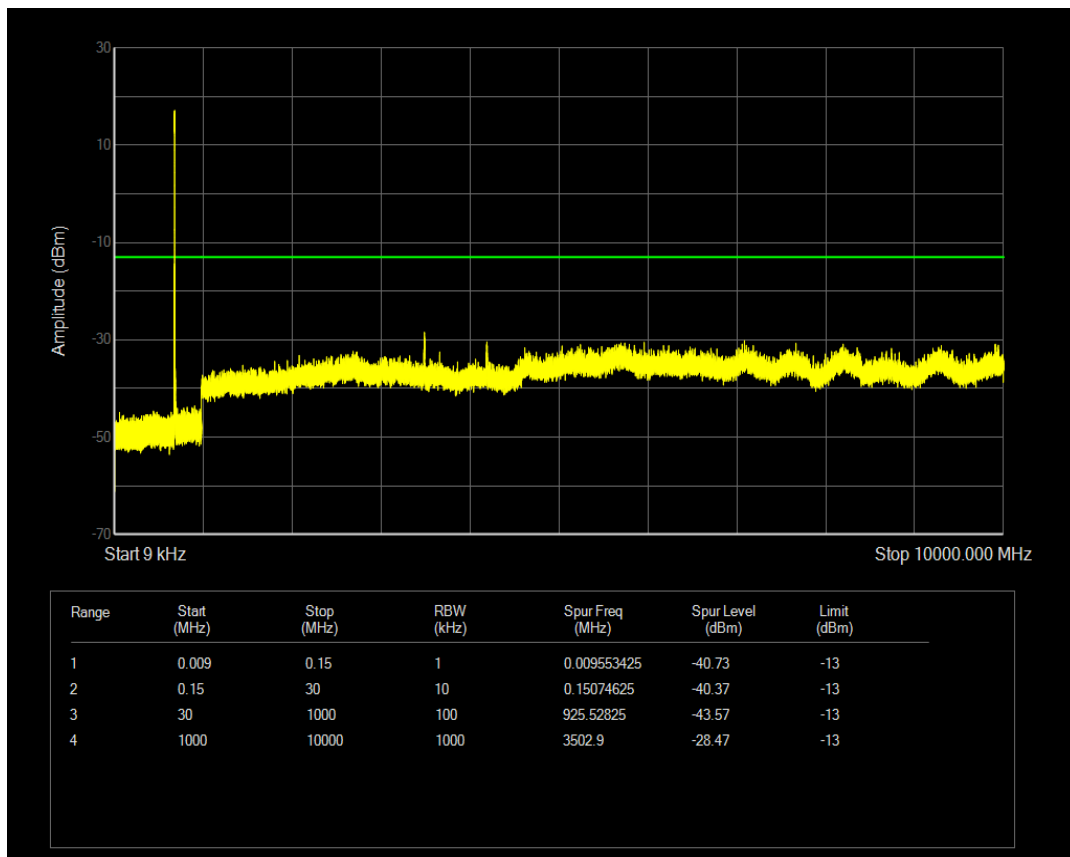


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0

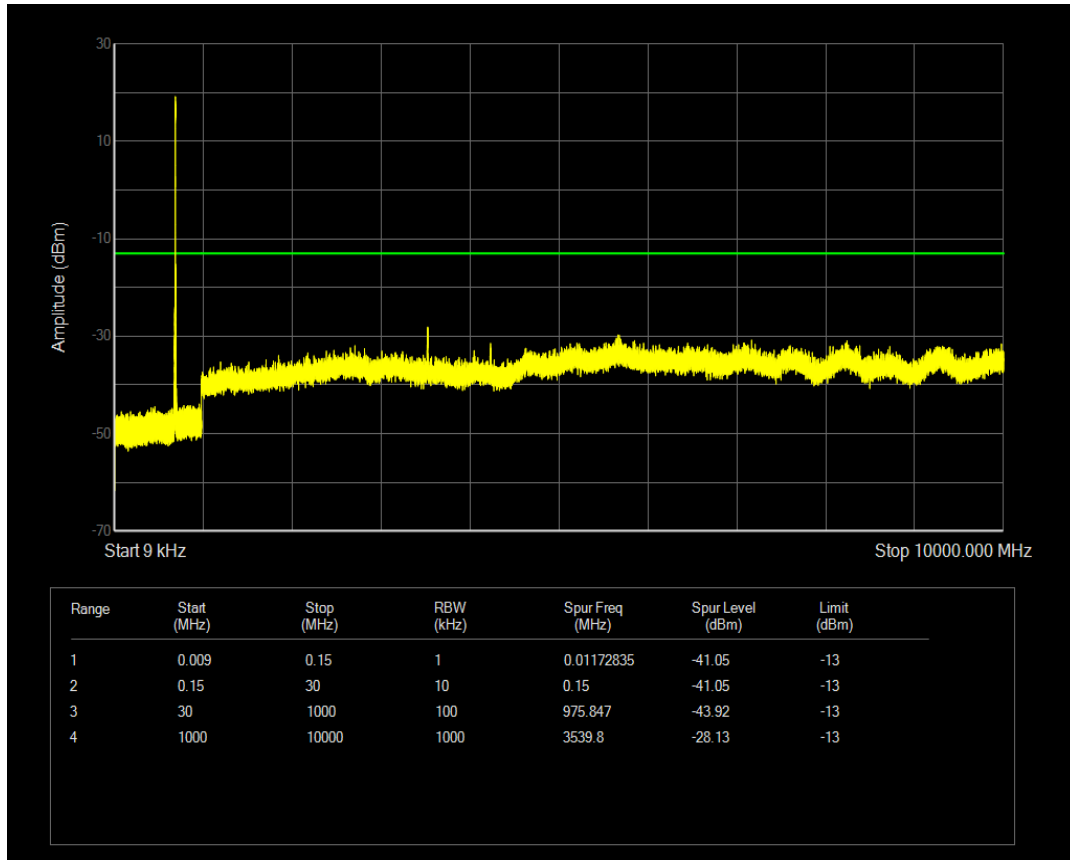




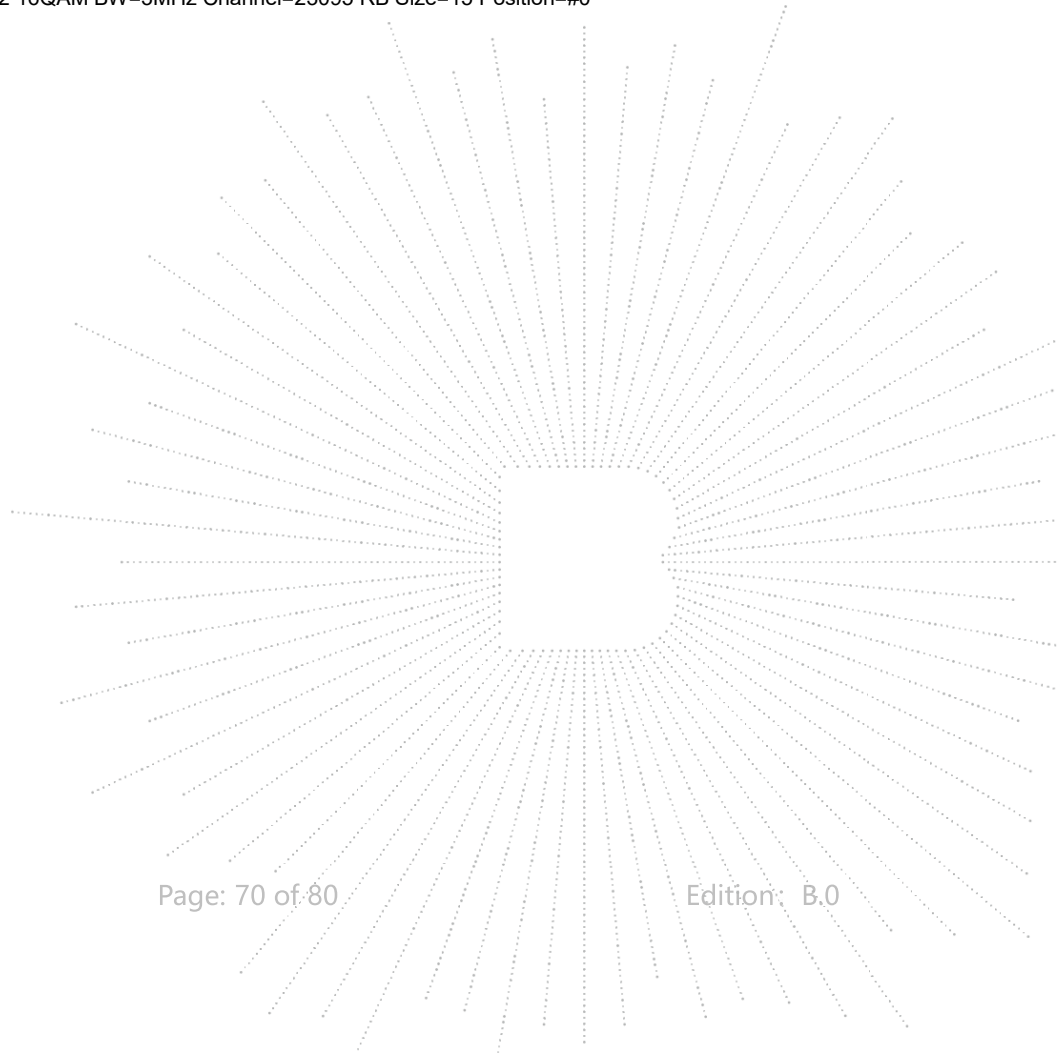
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0

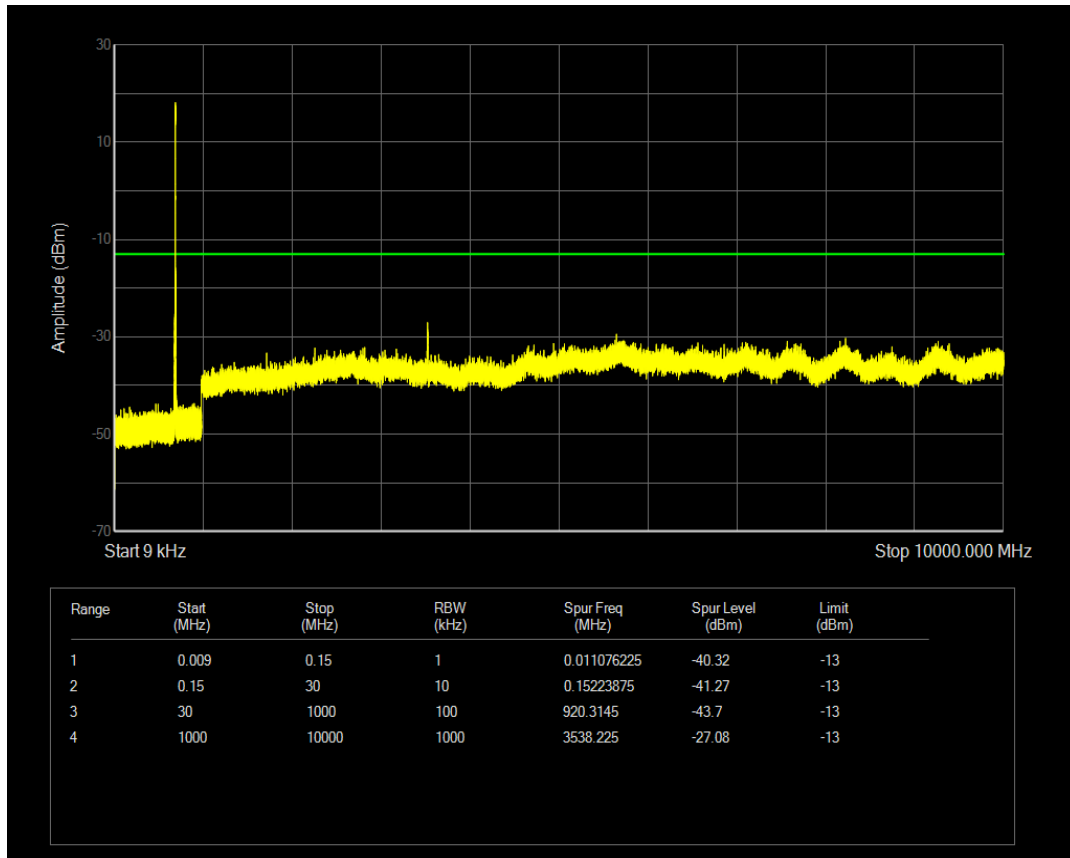


Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0

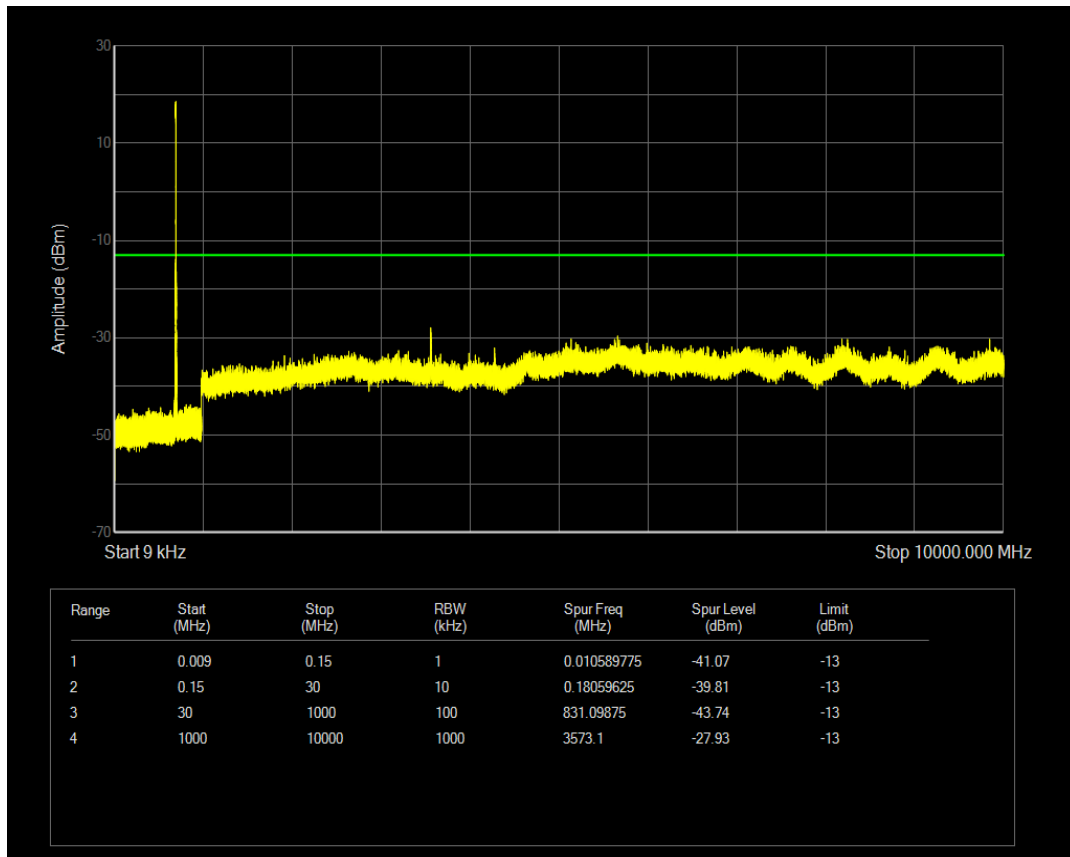


Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0

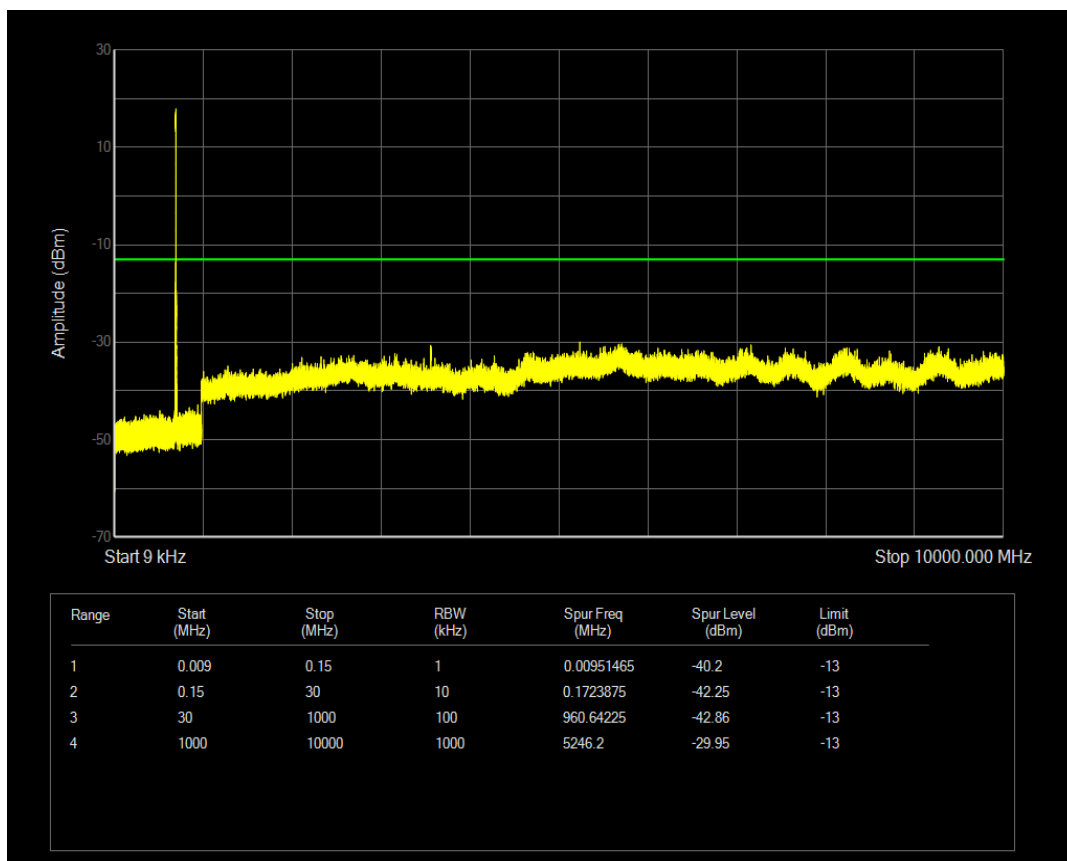




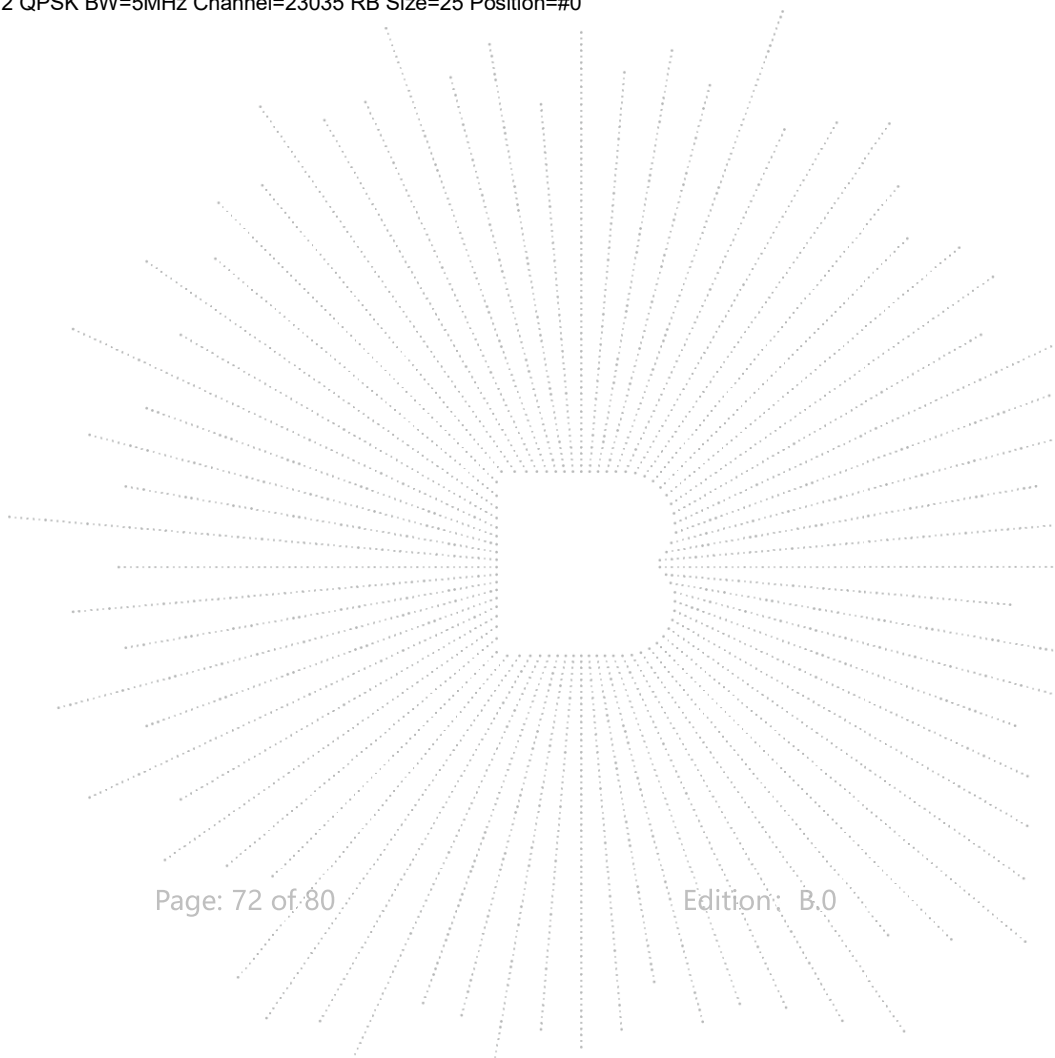
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

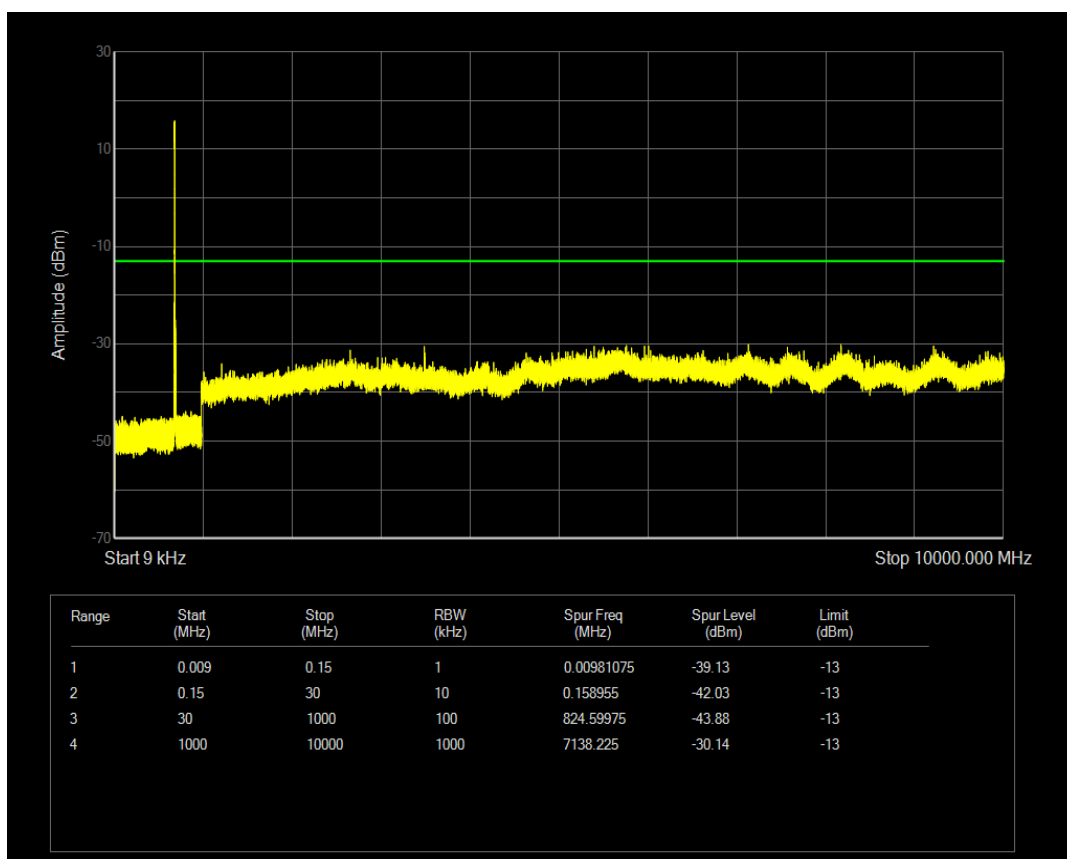


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0

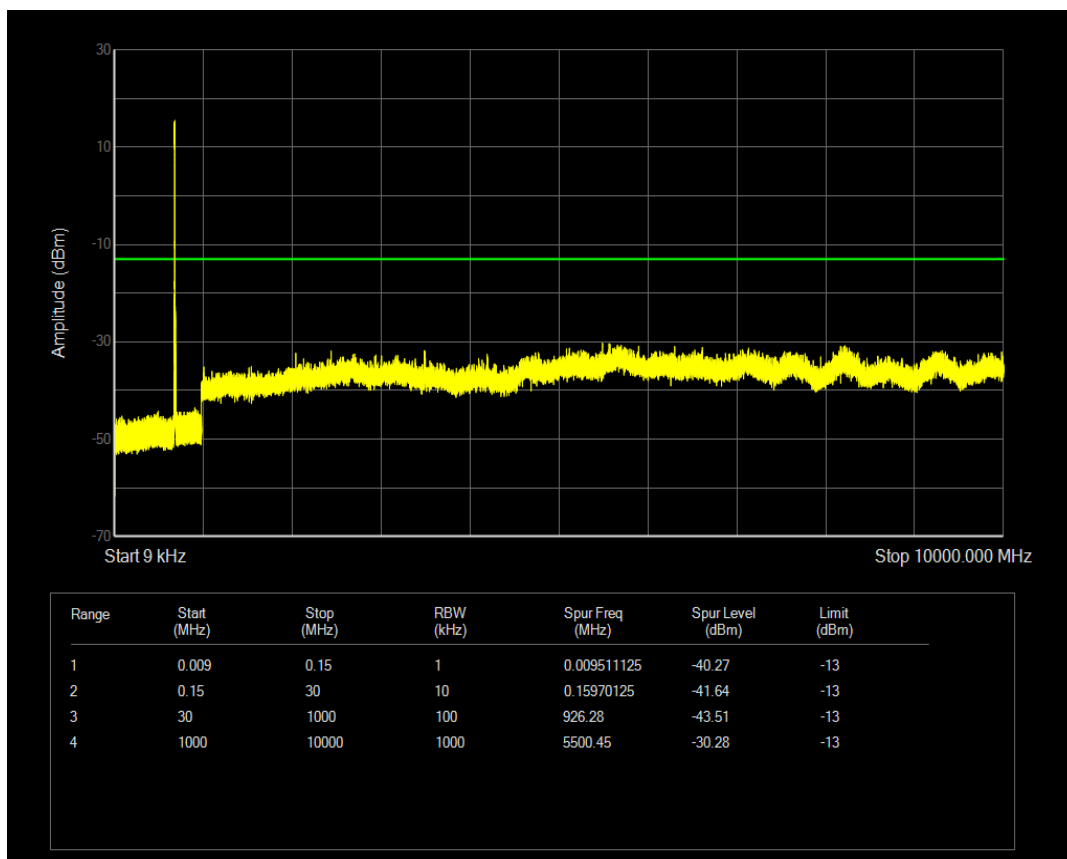


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0

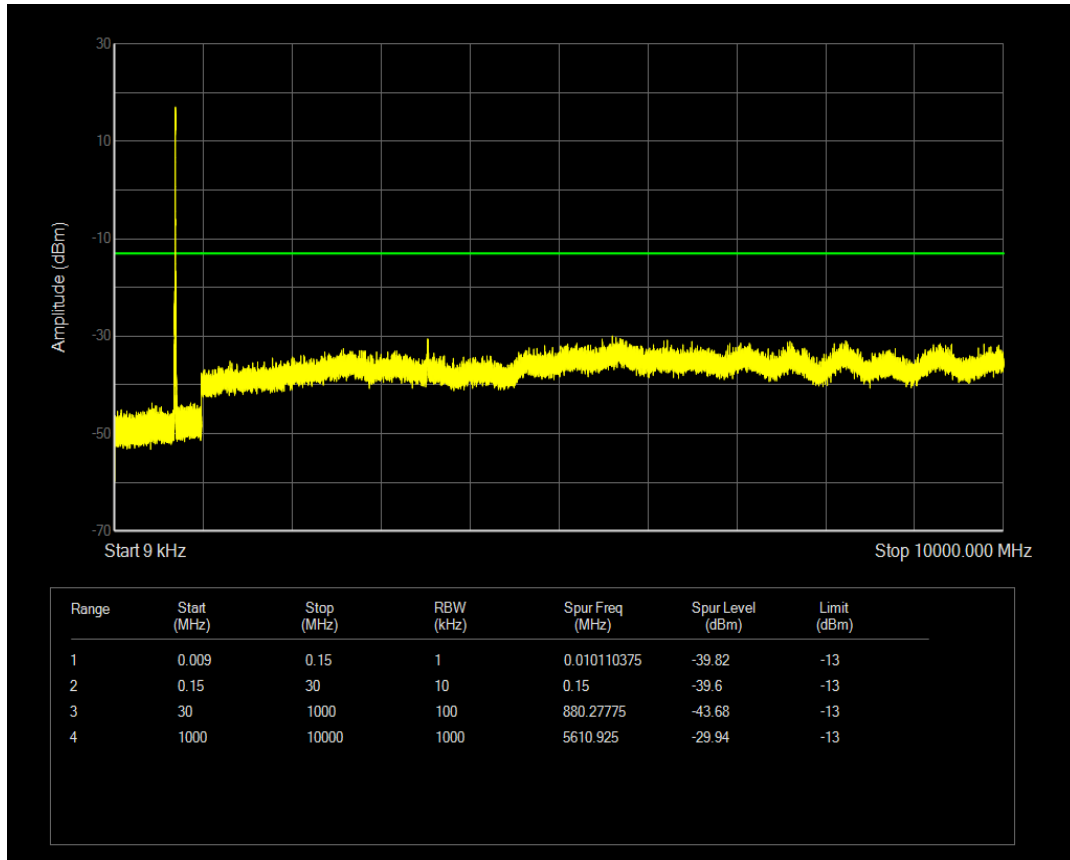




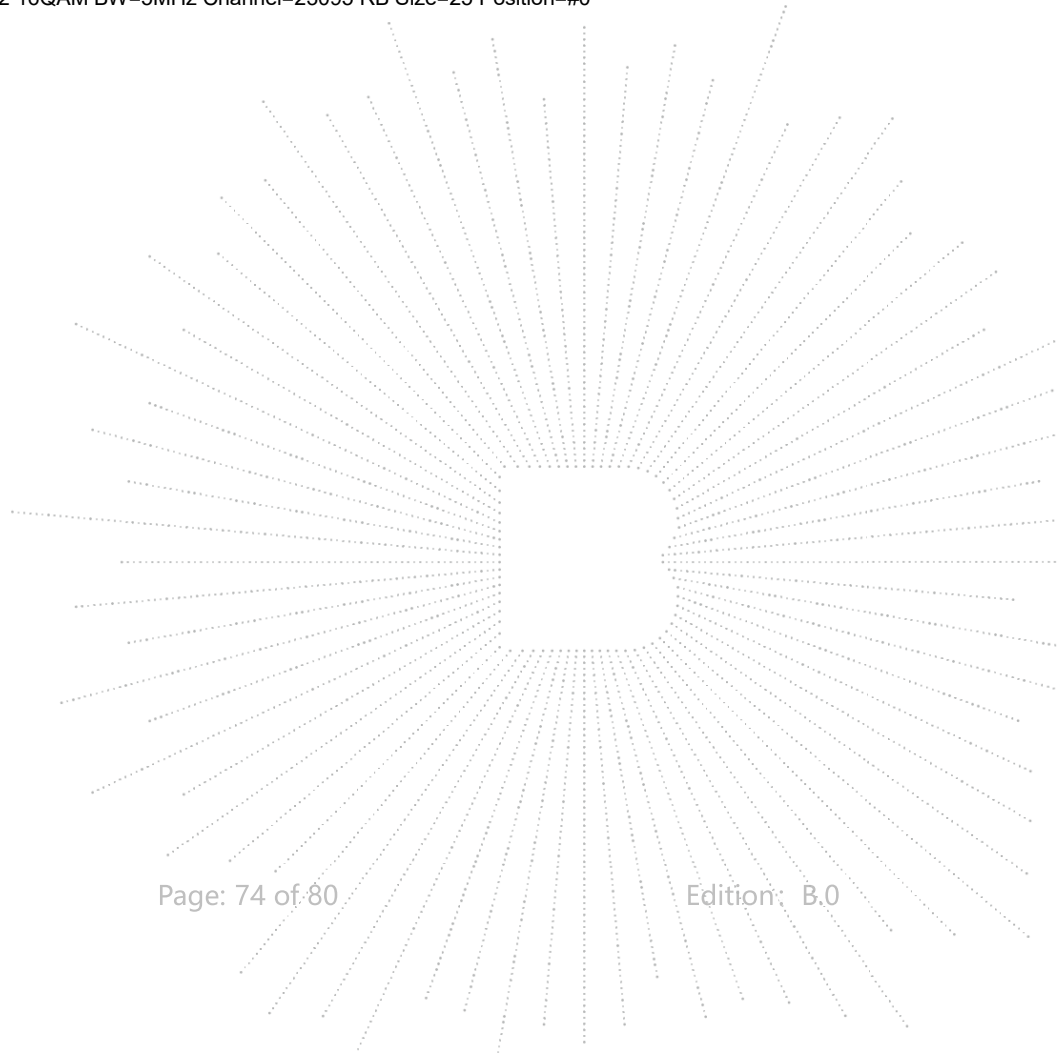
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0

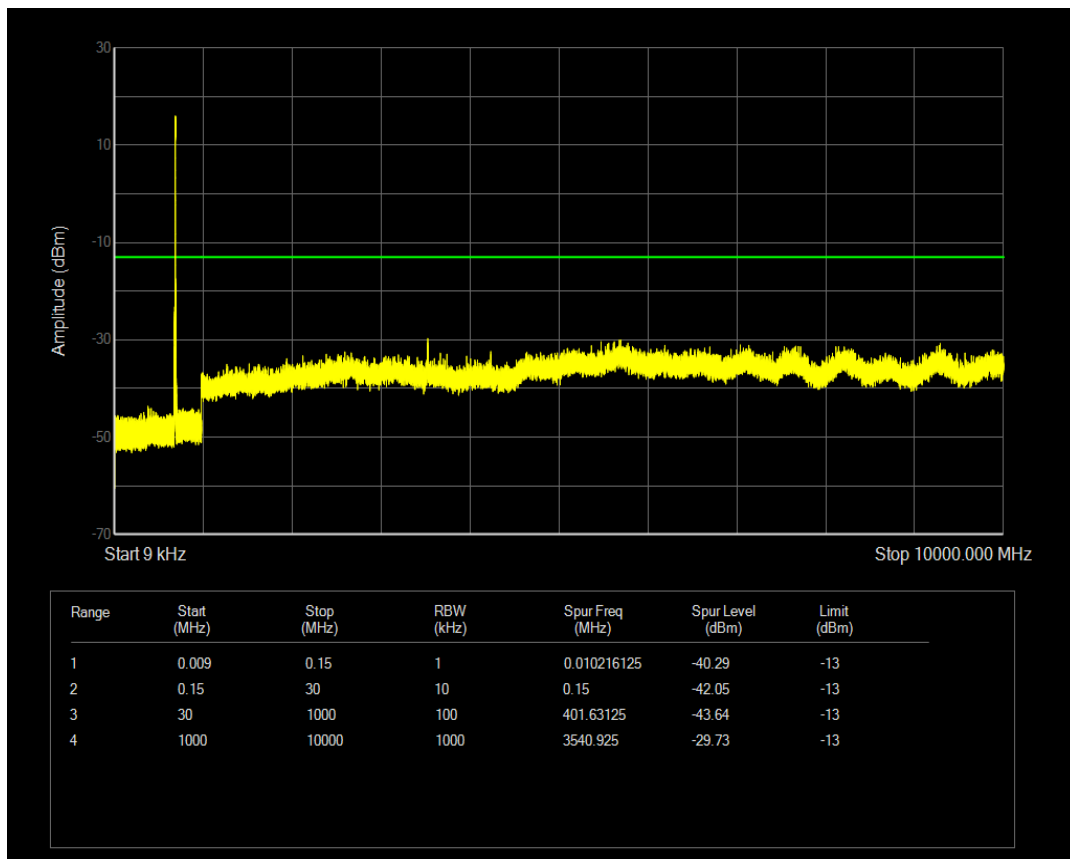


Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0

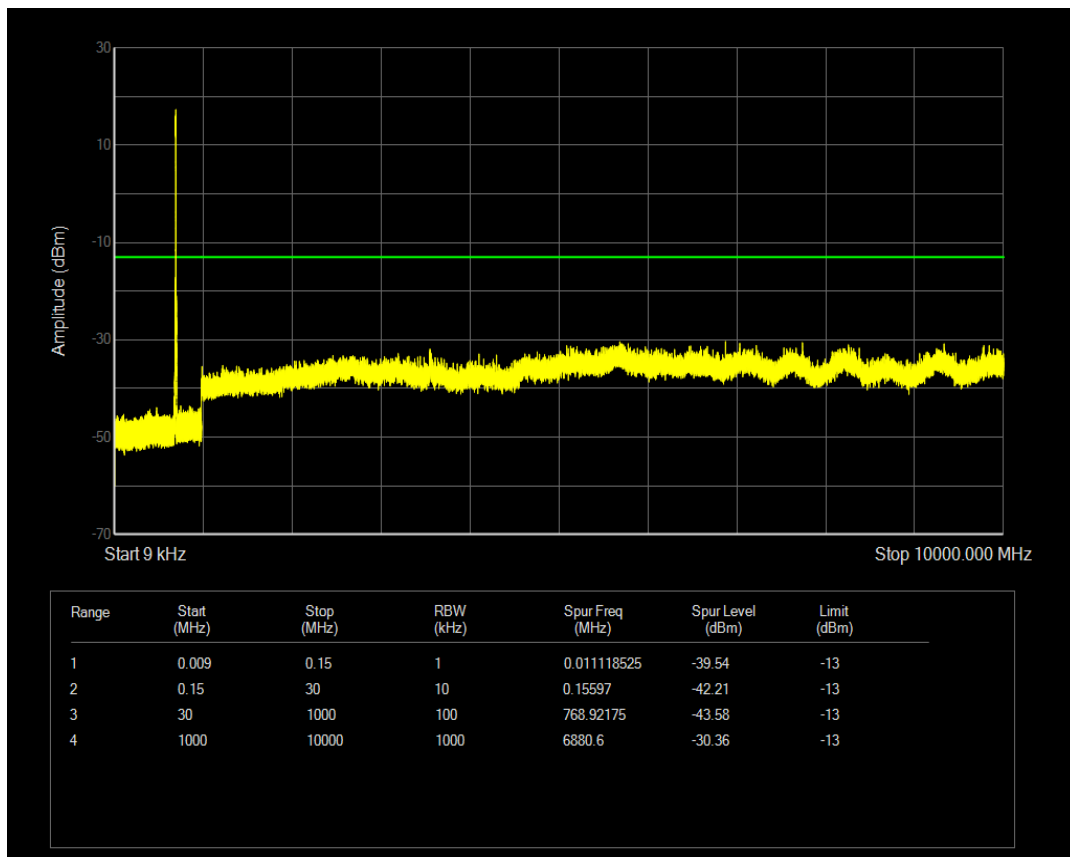


Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0

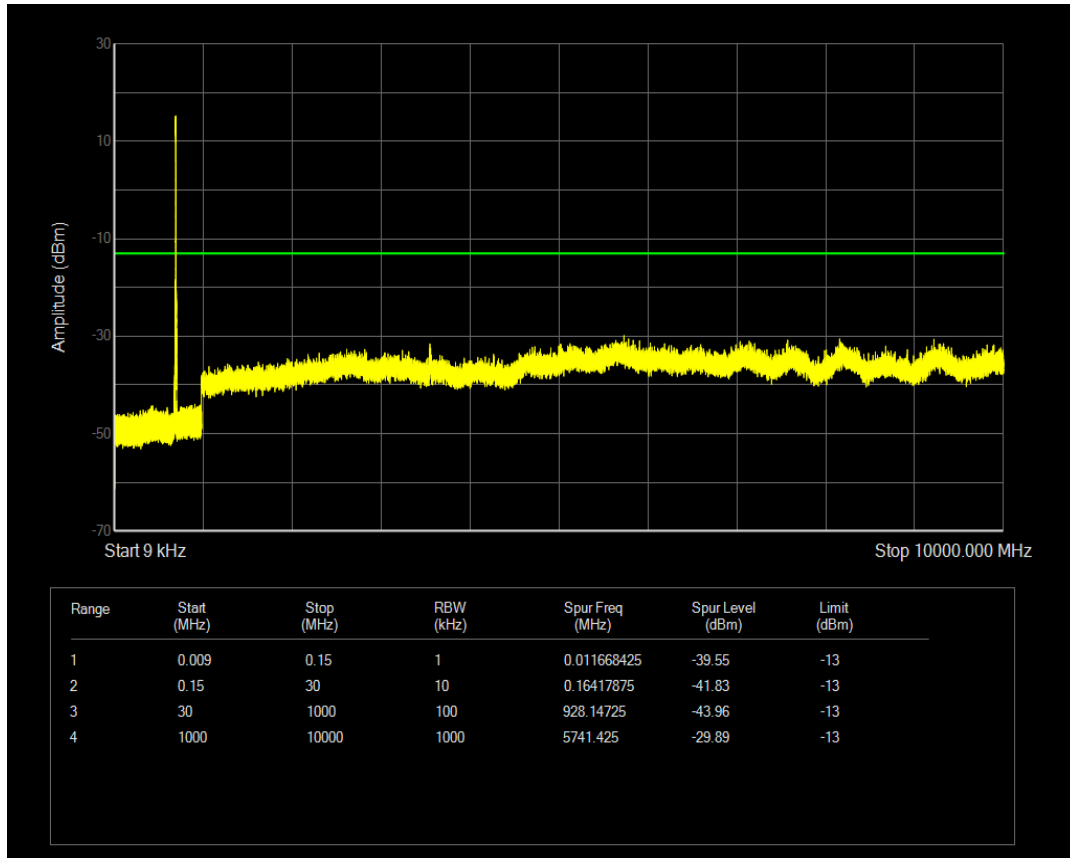




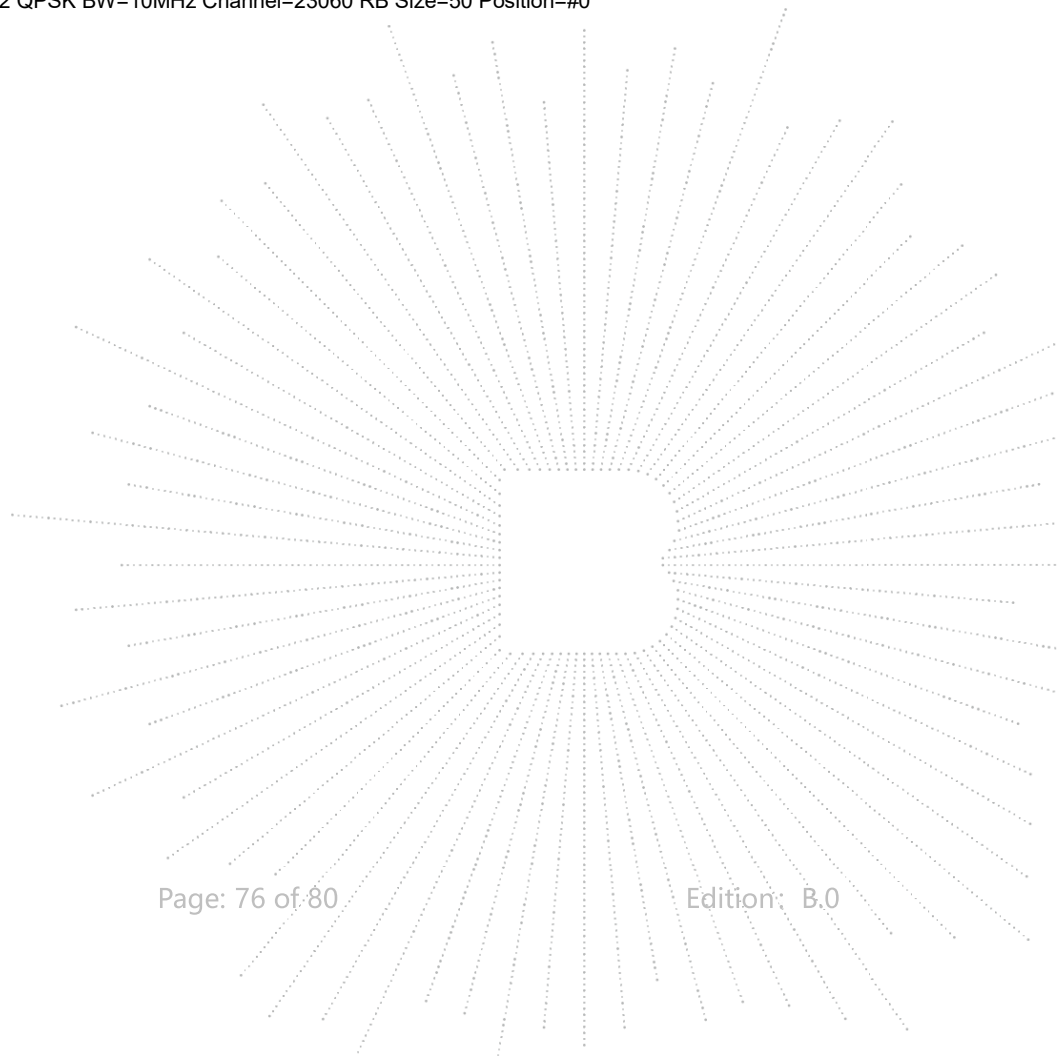
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

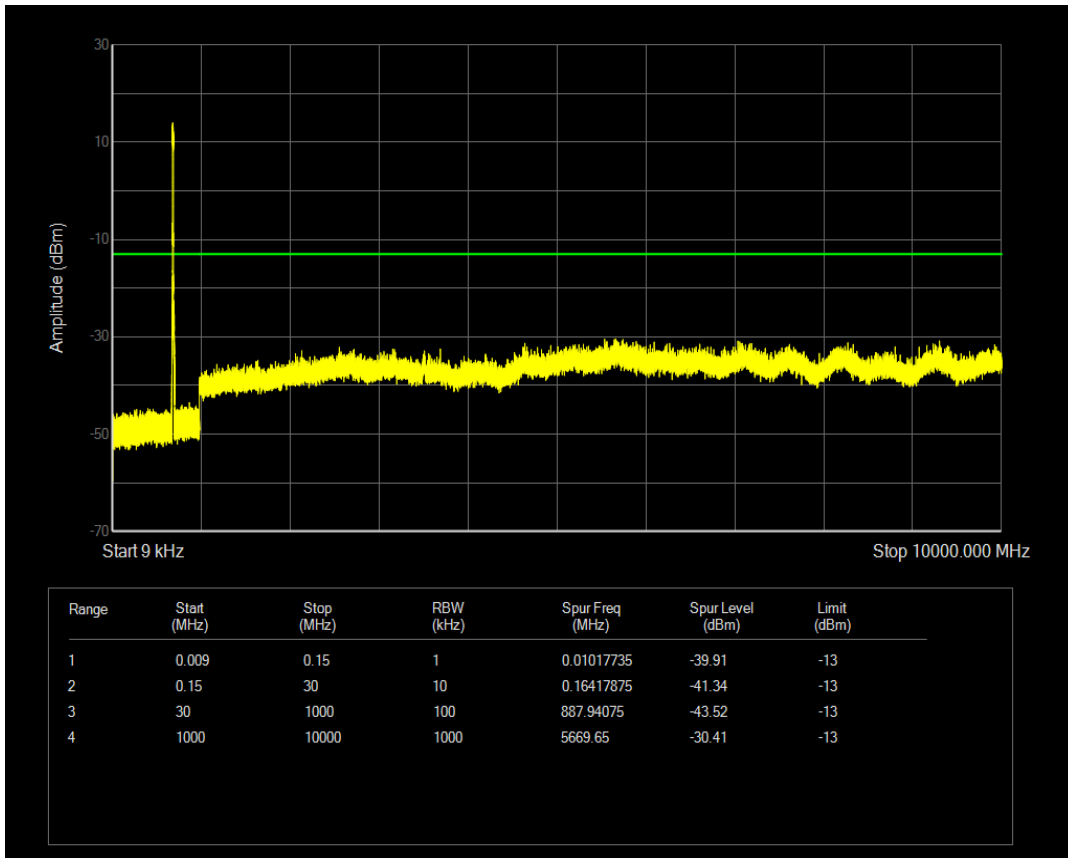


Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0

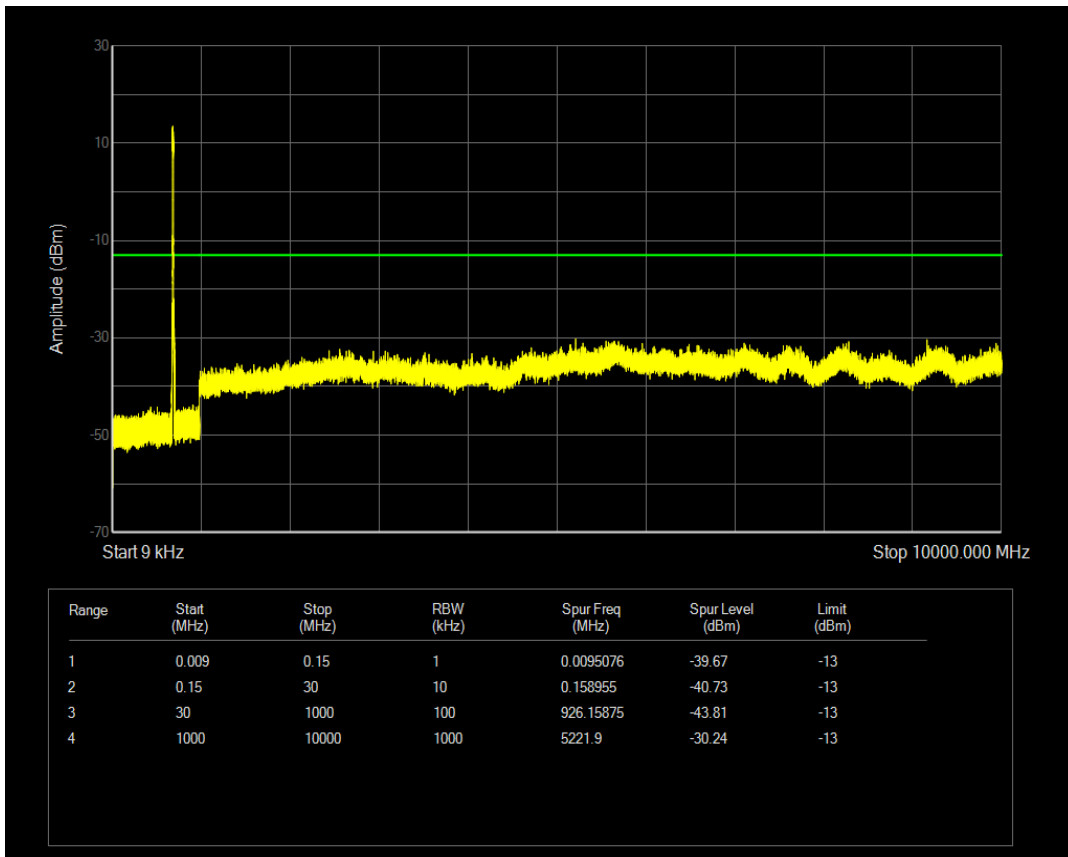


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

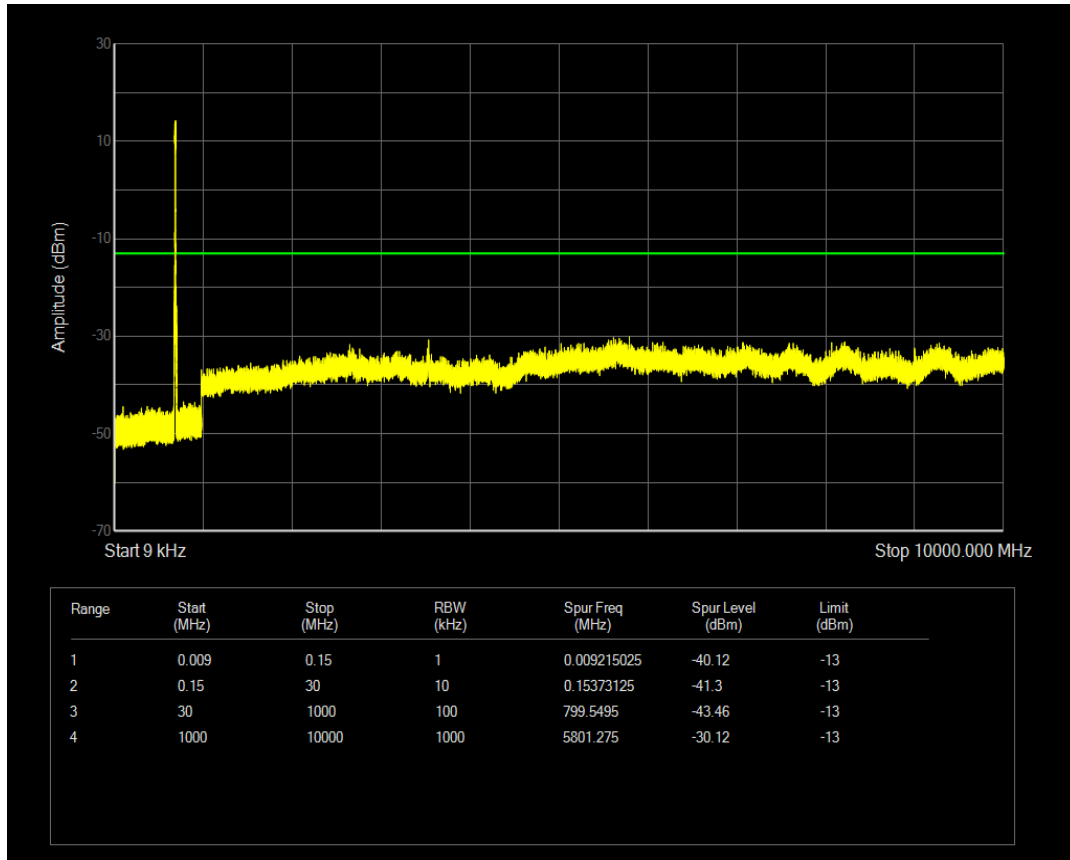




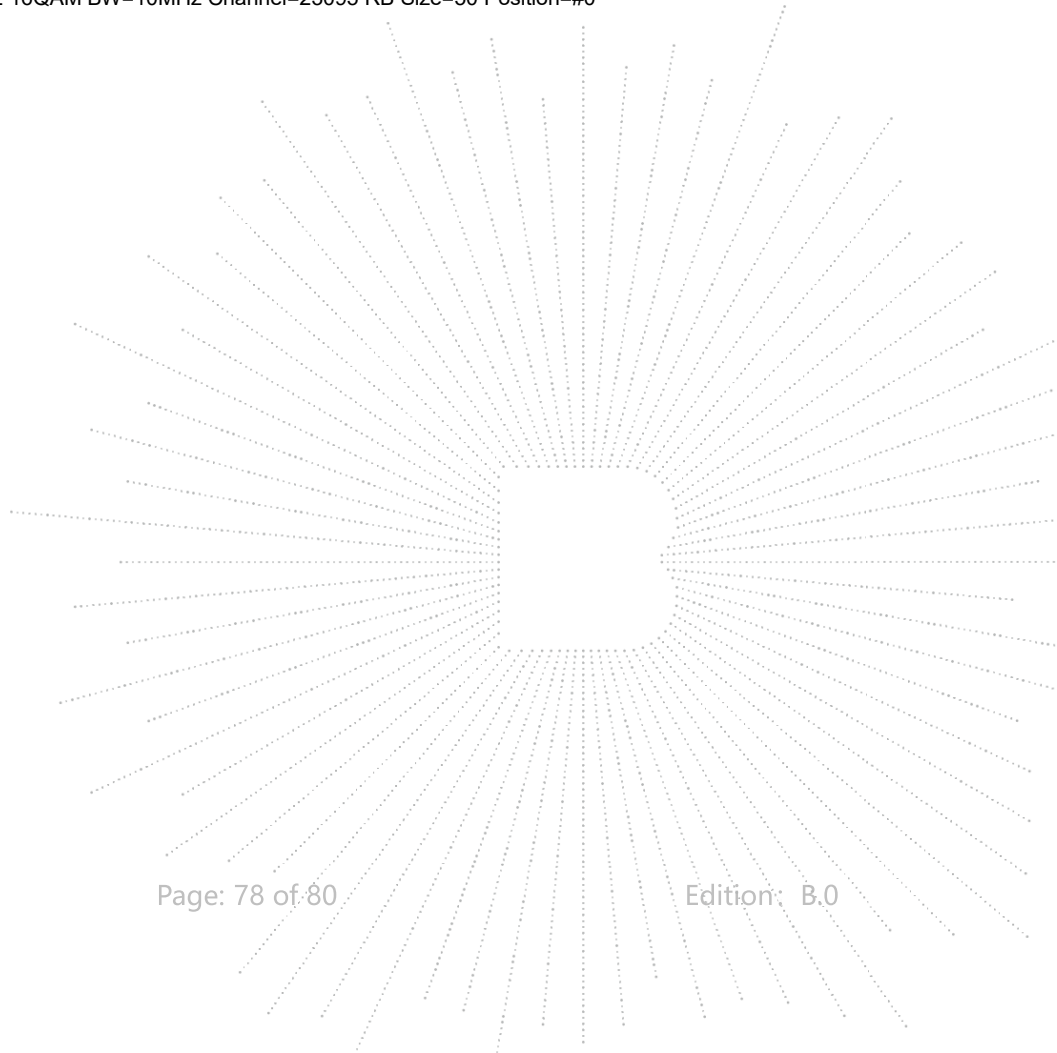
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0

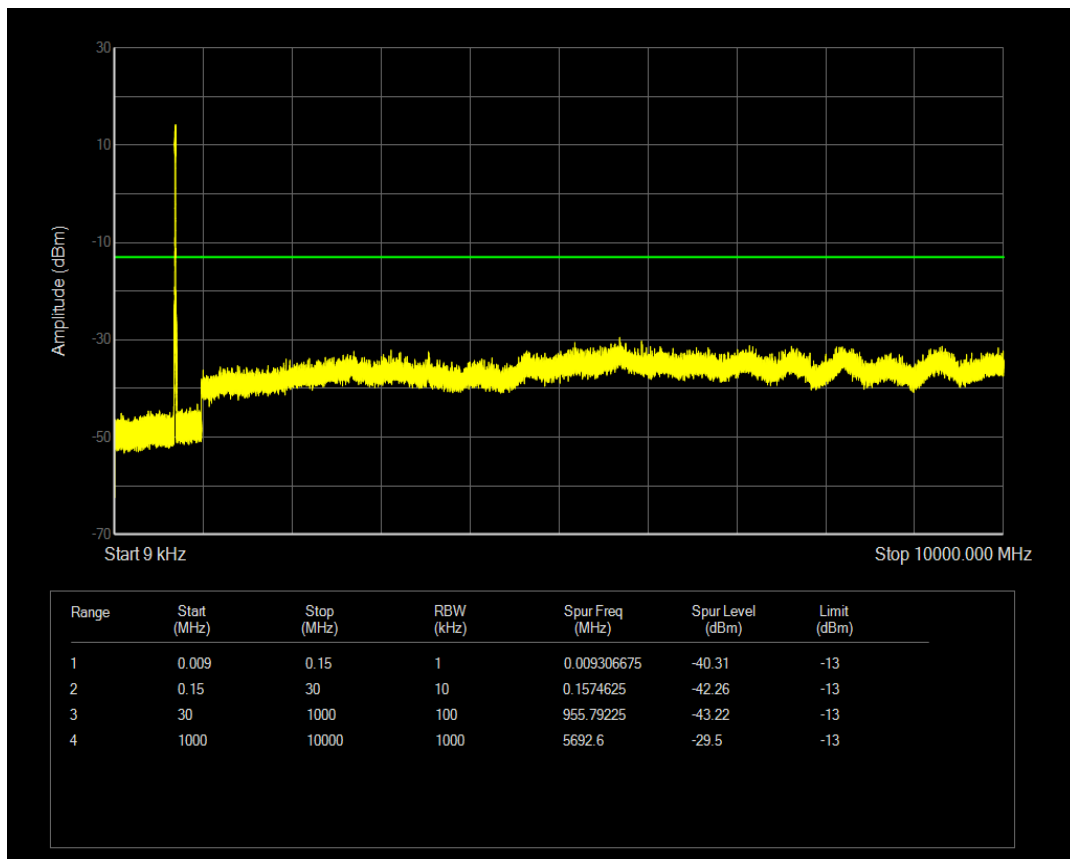


Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0

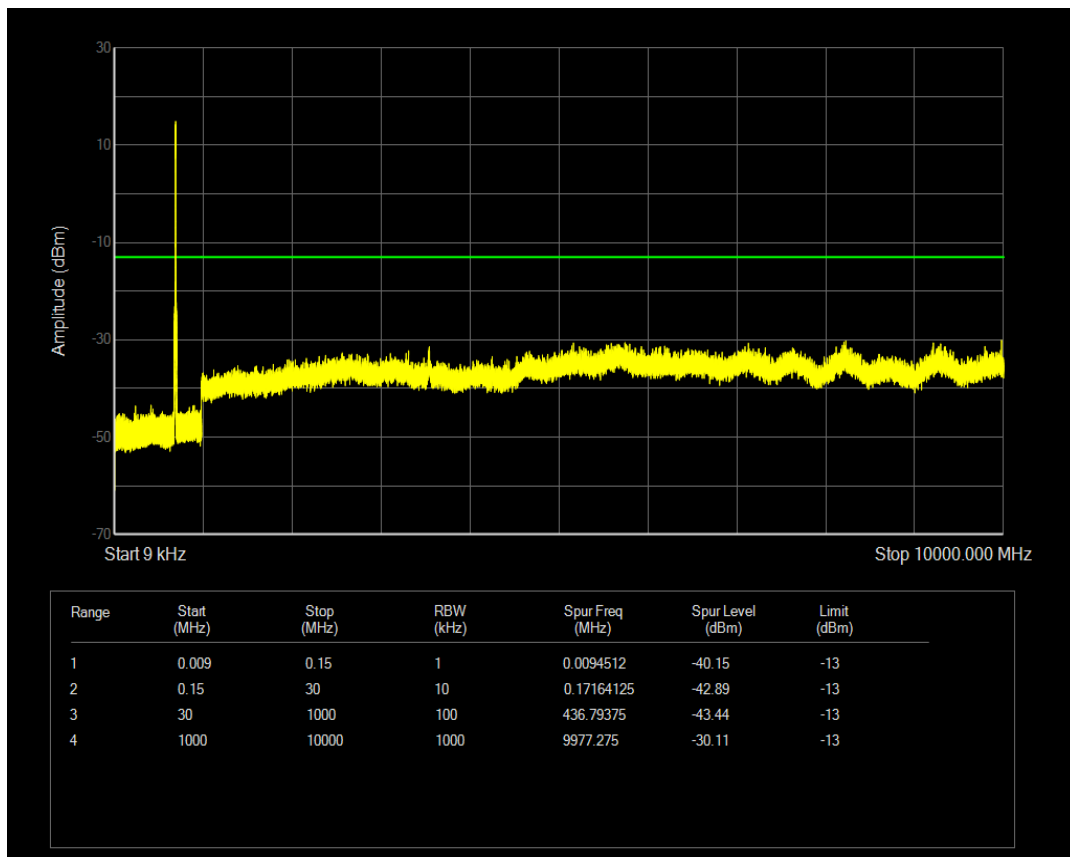


Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0





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



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

