

# 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

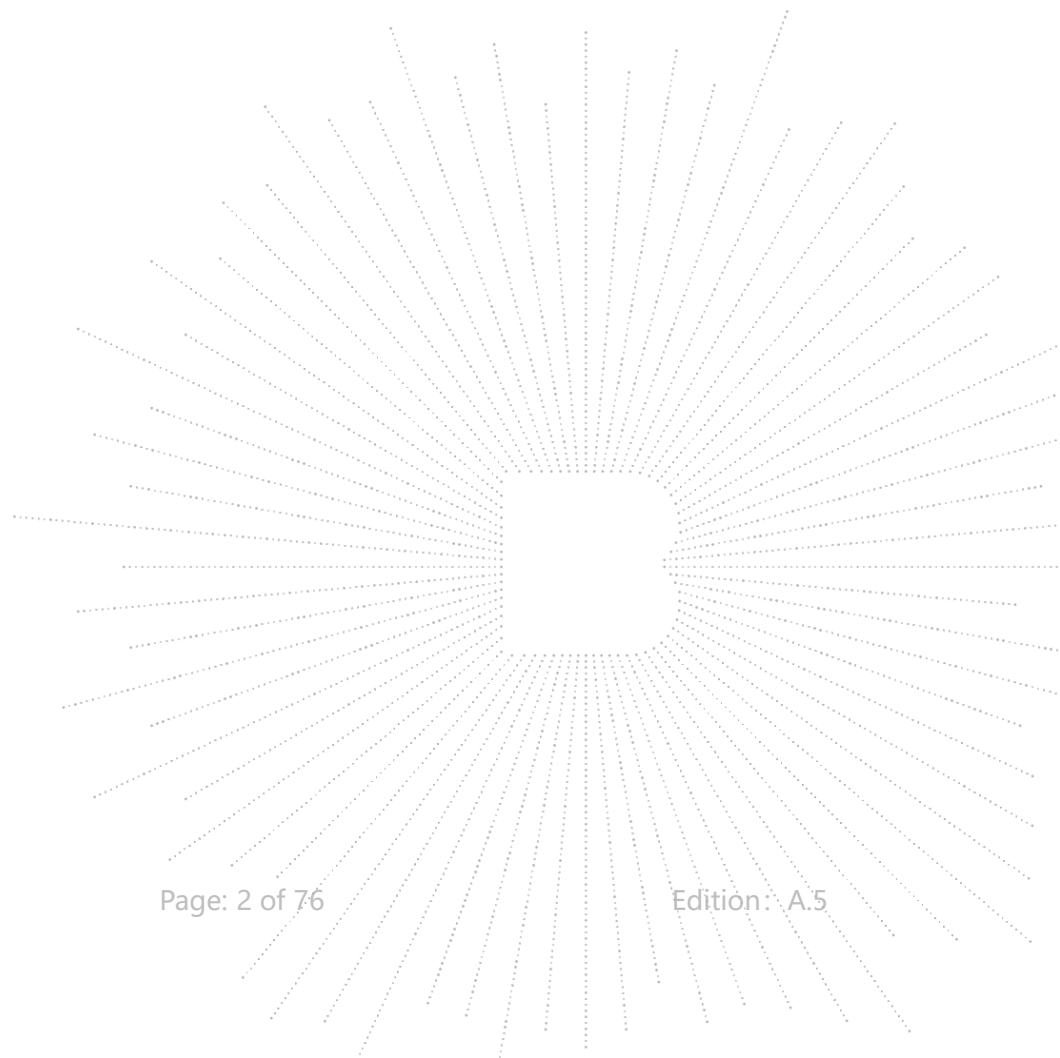
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**Shenzhen BCTC Testing Co., Ltd.**

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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
Band1 2	1.4	23017	6	#0	QPSK	LV	NT	0.04	0.000	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	NV	NT	-5.29	-0.008	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QPSK	HV	NT	-2.78	-0.004	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	LV	NT	-0.94	-0.001	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	NV	NT	-3.65	-0.005	-2.5	2.5	PASS
Band1 2	1.4	23017	6	#0	QAM16	HV	NT	-4.13	-0.006	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	LV	NT	-4.02	-0.006	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	NV	NT	-3.92	-0.006	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QPSK	HV	NT	-4.84	-0.007	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	LV	NT	-7.91	-0.011	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	NV	NT	-2.02	-0.003	-2.5	2.5	PASS
Band1 2	1.4	23095	6	#0	QAM16	HV	NT	-0.84	-0.001	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	LV	NT	-6.75	-0.009	-2.5	2.5	PASS
Band1 2	1.4	23173	6	#0	QPSK	NV	NT	-5.25	-0.007	-2.5	2.5	PASS
Band1 2	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 2	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	-2.5	2.5	PASS
									3			
Band1 2	1.4	23173	6	#0	QAM16	NV	0	-2.43	-0.00	-2.5	2.5	PASS
									3			
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	-2.5	2.5	PASS
									5			
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	-2.5	2.5	PASS
									1			
Band1 2	3	23025	15	#0	QPSK	NV	20	-0.64	-0.00	-2.5	2.5	PASS
									1			
Band1 2	3	23025	15	#0	QAM16	NV	-30	-1.03	-0.00	-2.5	2.5	PASS
									1			
Band1 2	3	23025	15	#0	QAM16	NV	-20	-1.33	-0.00	-2.5	2.5	PASS
									2			
Band1 2	3	23025	15	#0	QAM16	NV	0	-1.54	-0.00	-2.5	2.5	PASS
									2			
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	-2.5	2.5	PASS
									2			
Band1 2	3	23095	15	#0	QPSK	NV	-30	-3.10	-0.00	-2.5	2.5	PASS
									4			
Band1 2	3	23095	15	#0	QPSK	NV	-20	-6.27	-0.00	-2.5	2.5	PASS
									9			
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	-2.5	2.5	PASS
									2			
Band1 2	3	23095	15	#0	QPSK	NV	20	-0.92	-0.00	-2.5	2.5	PASS
									1			
Band1 2	3	23095	15	#0	QAM16	NV	-30	-6.15	-0.00	-2.5	2.5	PASS
									9			
Band1 2	3	23095	15	#0	QAM16	NV	-20	-2.42	-0.00	-2.5	2.5	PASS
									3			

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



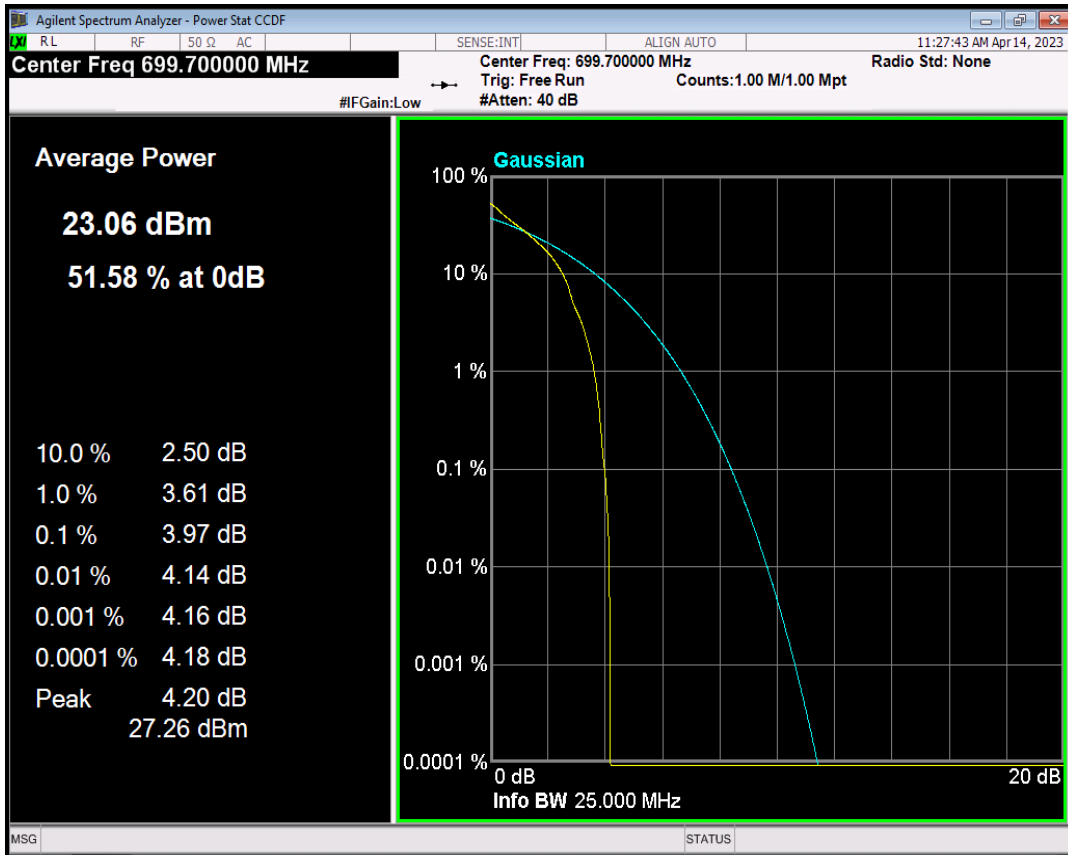
2									5			
Band1 2	10	23130	50	#0	QPSK	NV	0	-2.59	-0.00	-2.5	2.5	PASS
									4			
Band1 2	10	23130	50	#0	QPSK	NV	10	-0.57	-0.00	-2.5	2.5	PASS
									1			
Band1 2	10	23130	50	#0	QPSK	NV	20	-4.78	-0.00	-2.5	2.5	PASS
									7			
Band1 2	10	23130	50	#0	QAM16	NV	-30	-3.28	-0.00	-2.5	2.5	PASS
									5			
Band1 2	10	23130	50	#0	QAM16	NV	-20	-0.39	-0.00	-2.5	2.5	PASS
									1			
Band1 2	10	23130	50	#0	QAM16	NV	0	-2.80	-0.00	-2.5	2.5	PASS
									4			
Band1 2	10	23130	50	#0	QAM16	NV	10	-3.19	-0.00	-2.5	2.5	PASS
									4			
Band1 2	10	23130	50	#0	QAM16	NV	20	-5.08	-0.00	-2.5	2.5	PASS
									7			

### Appendix 3. Peak-to-Average Ratio

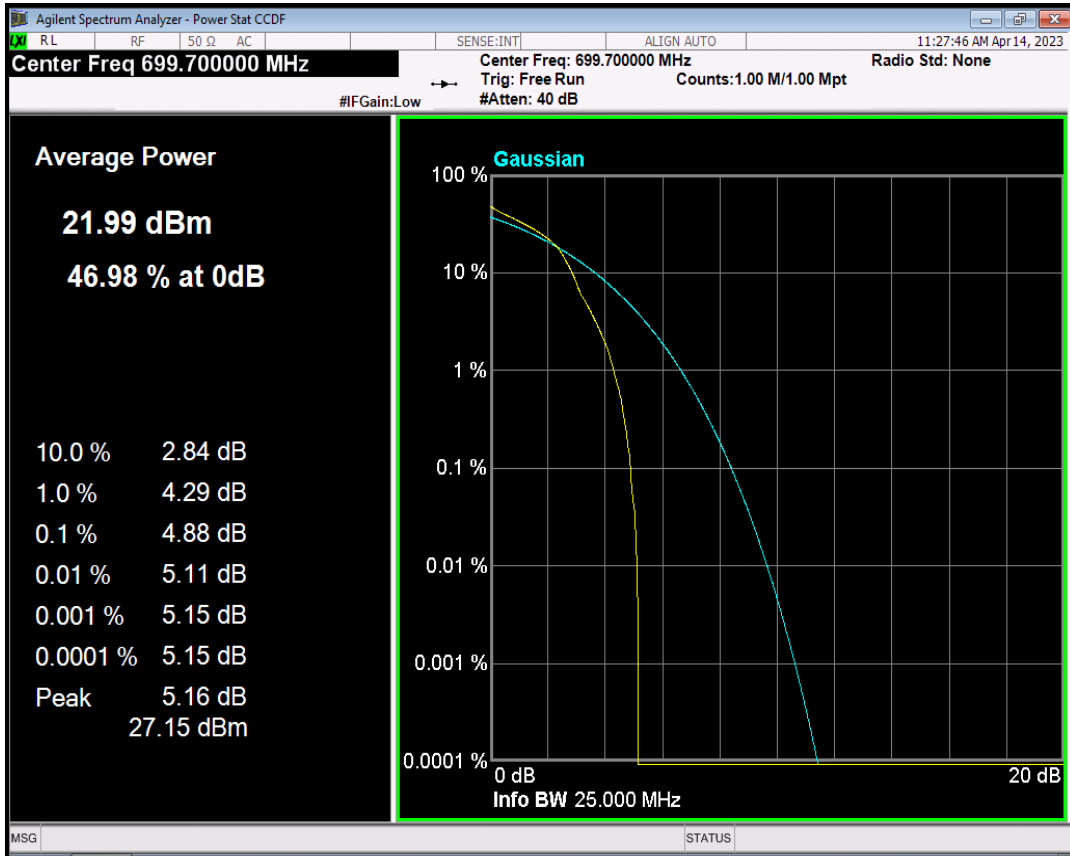
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	3.97	13	PASS
Band12	1.4	23017	1	#0	QAM16	4.88	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.98	13	PASS
Band12	1.4	23095	1	#0	QAM16	5.77	13	PASS
Band12	1.4	23173	1	#0	QPSK	5.45	13	PASS
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

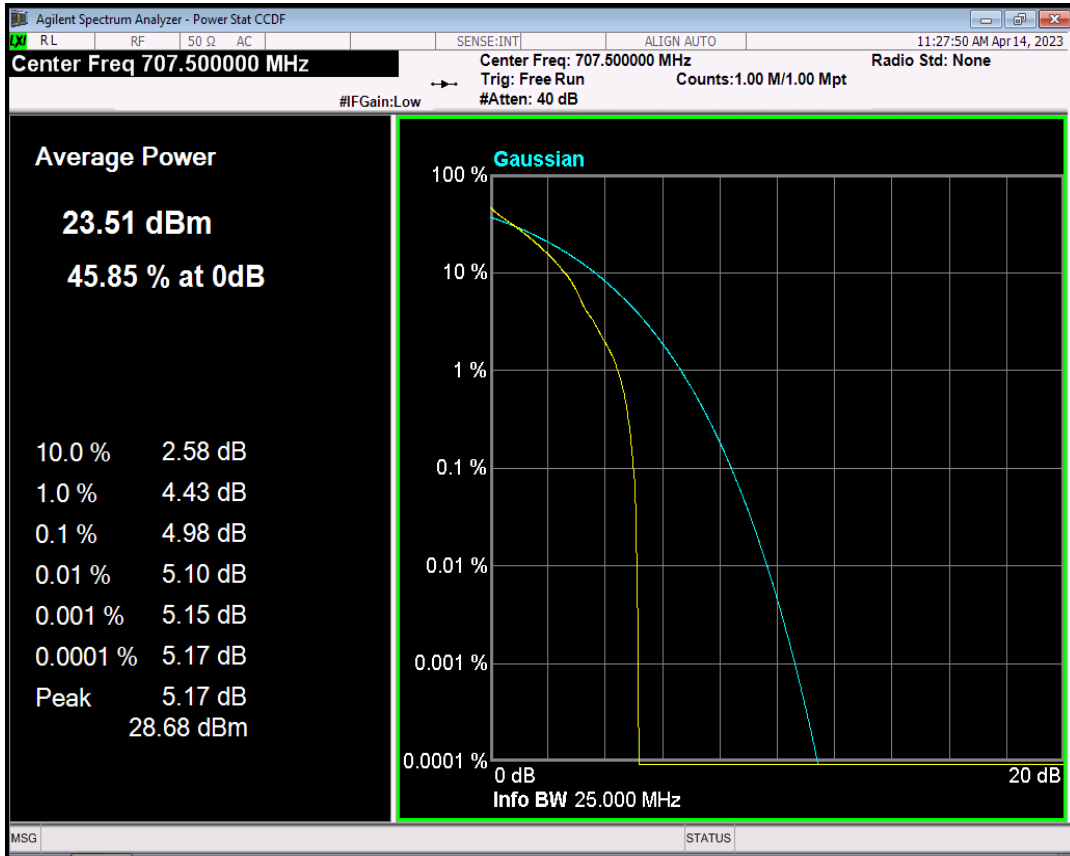
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



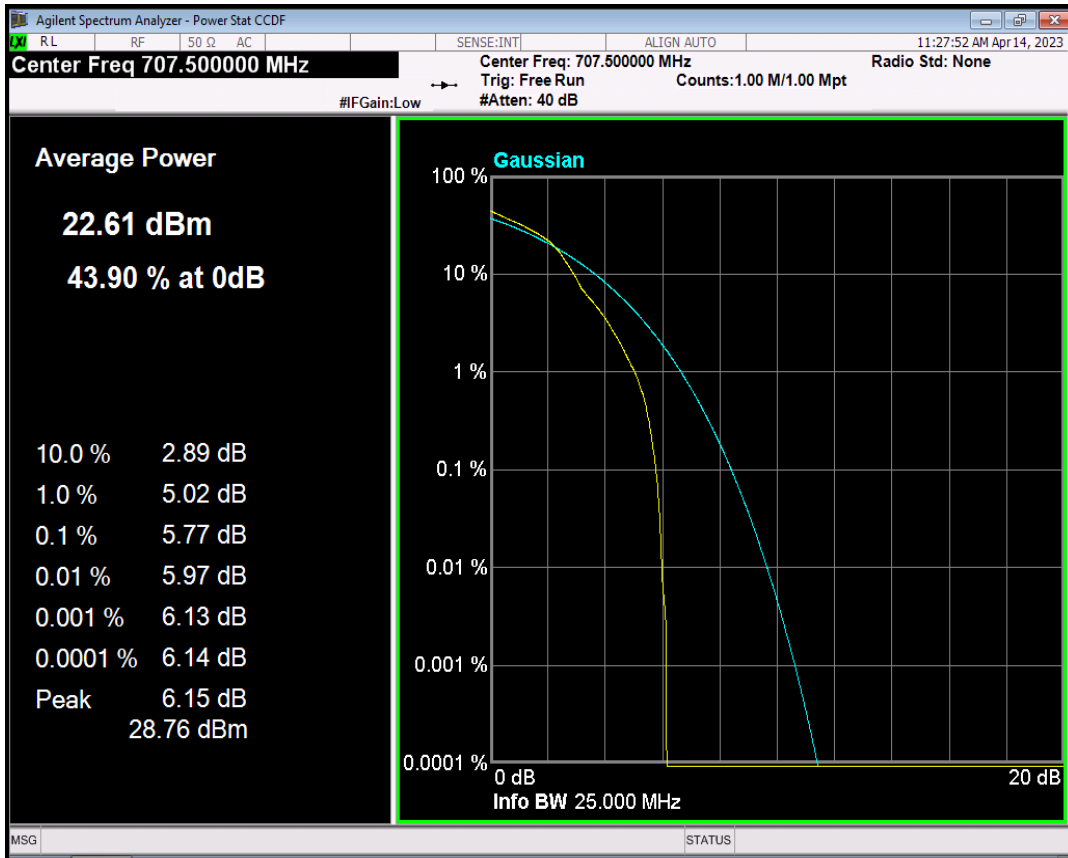
Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=1 Position=#0



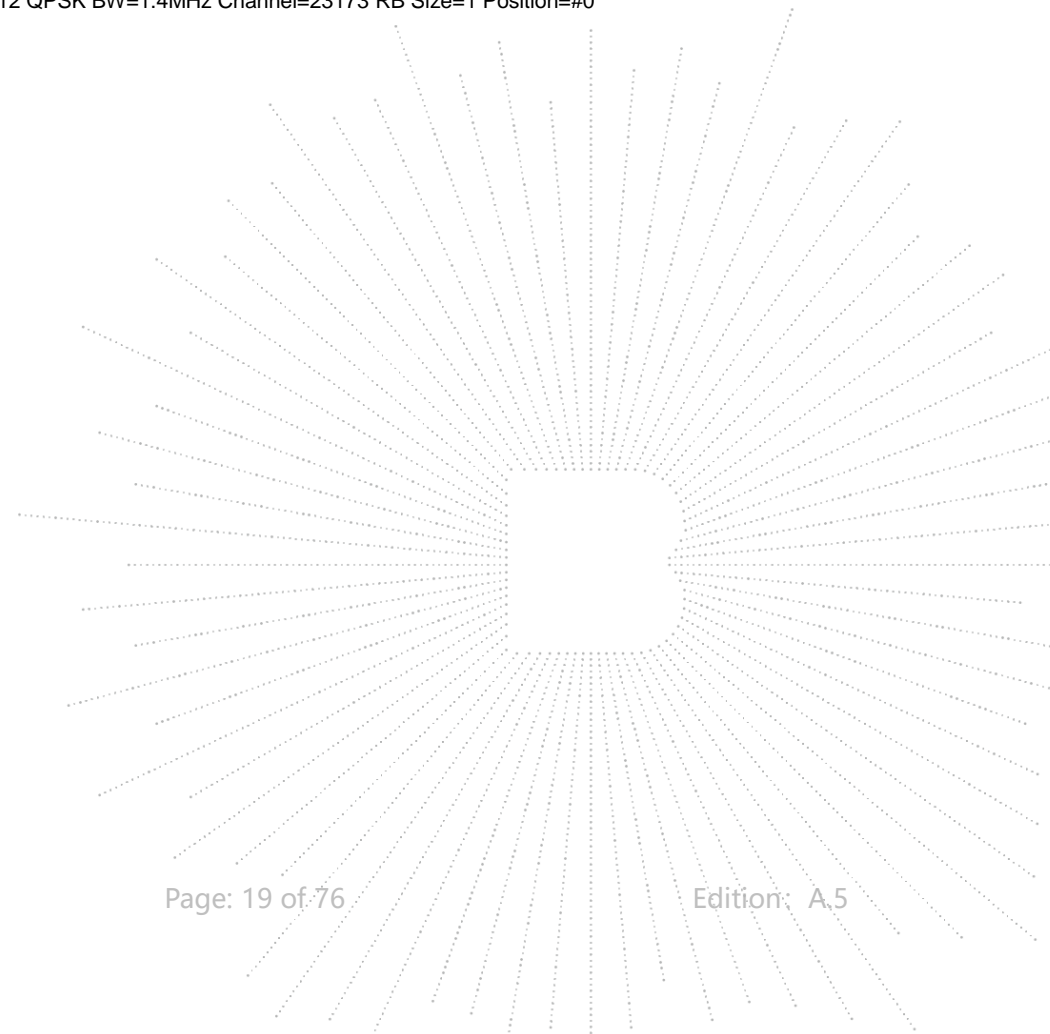
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0

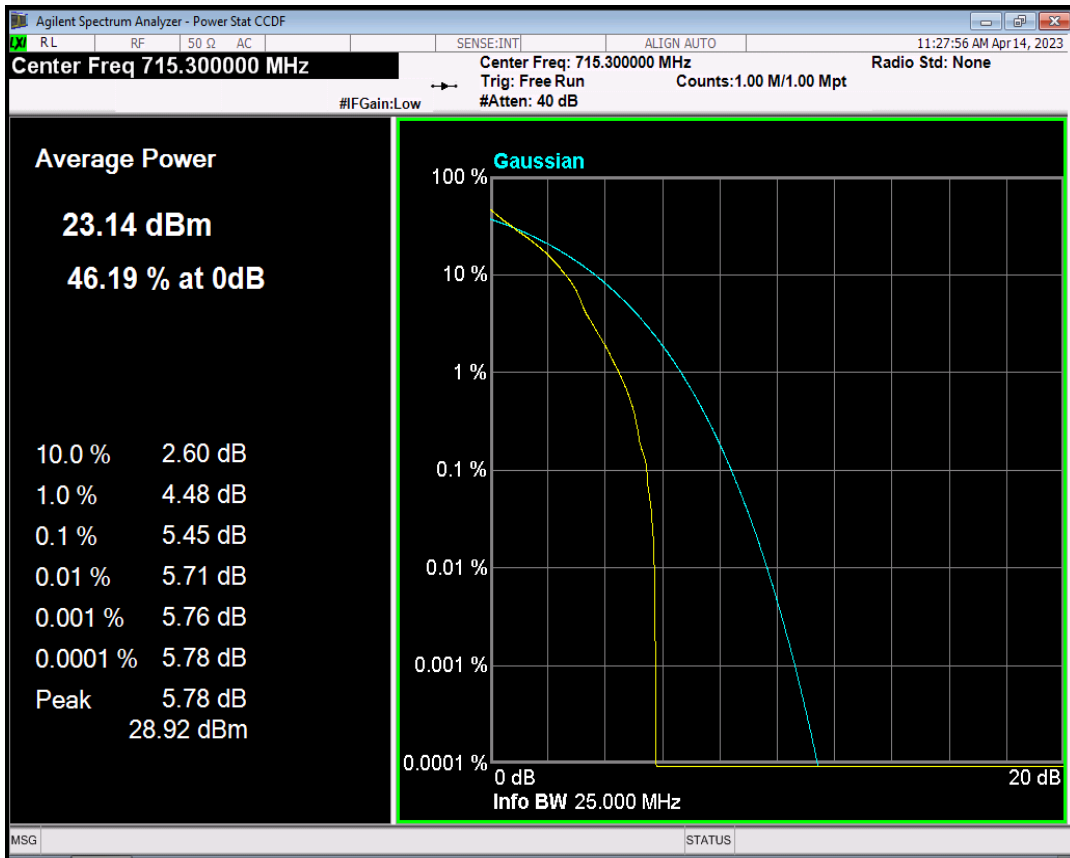


Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0

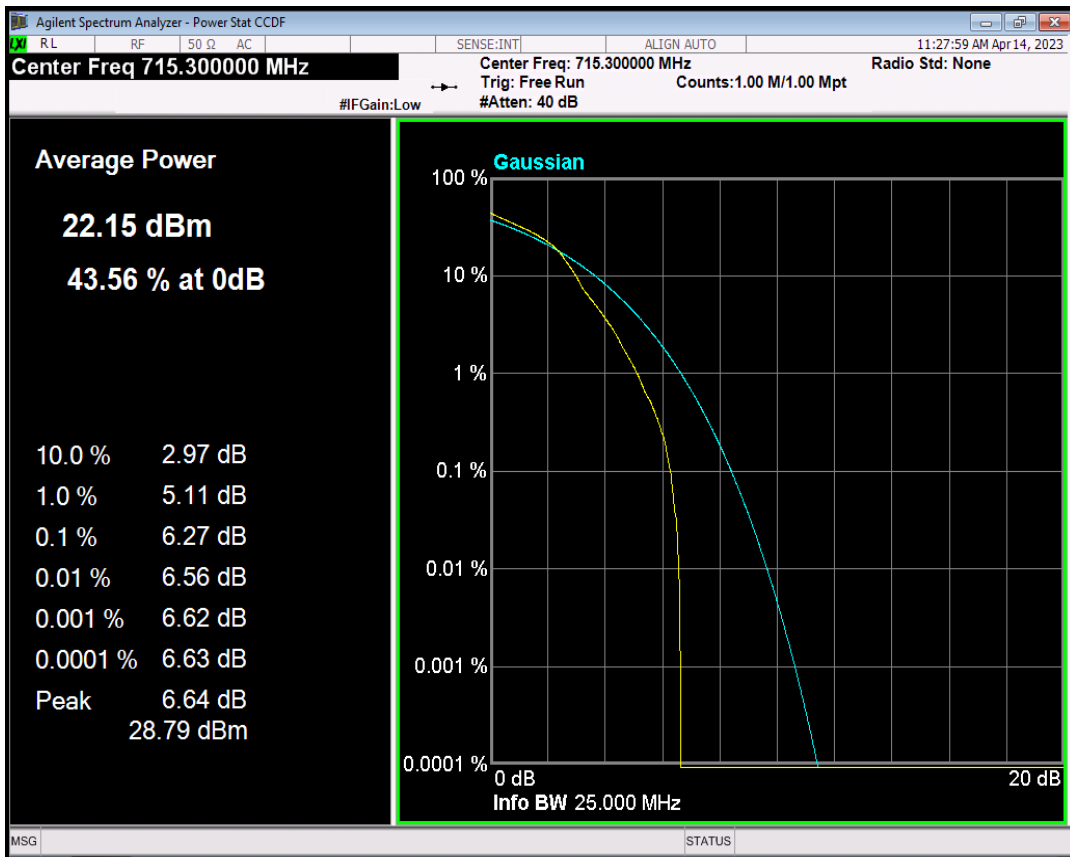


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0

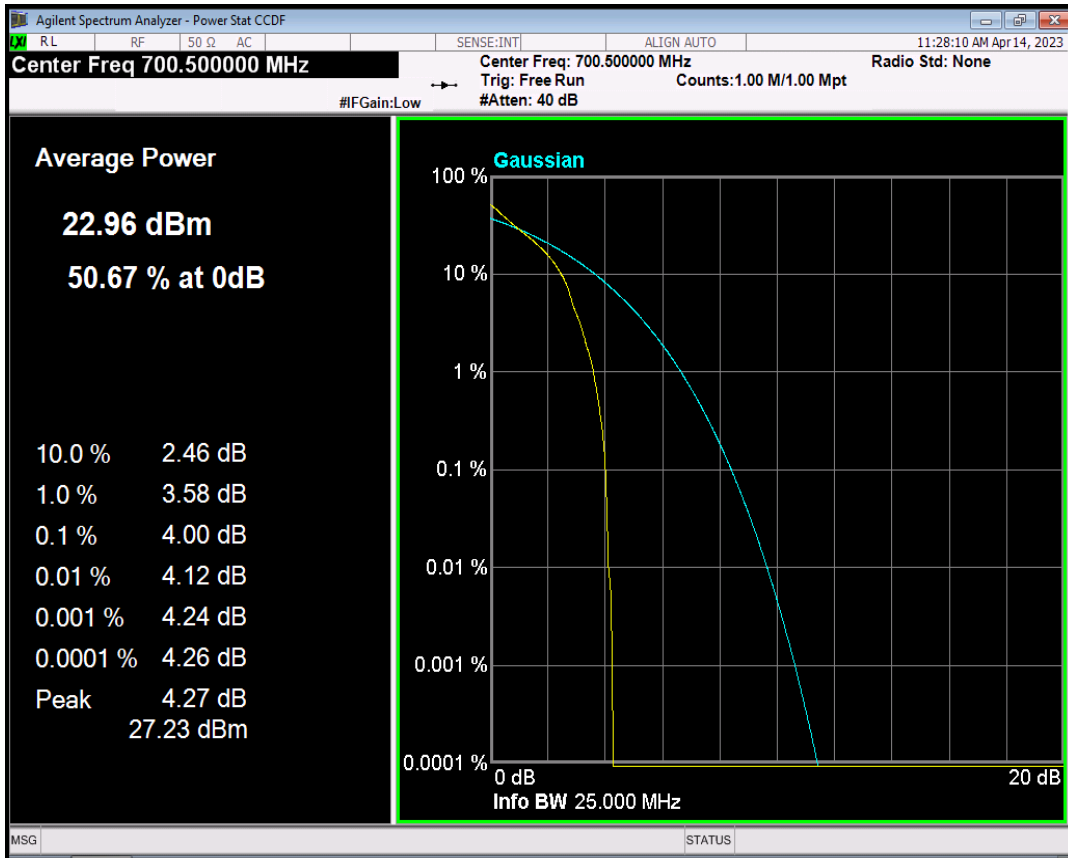




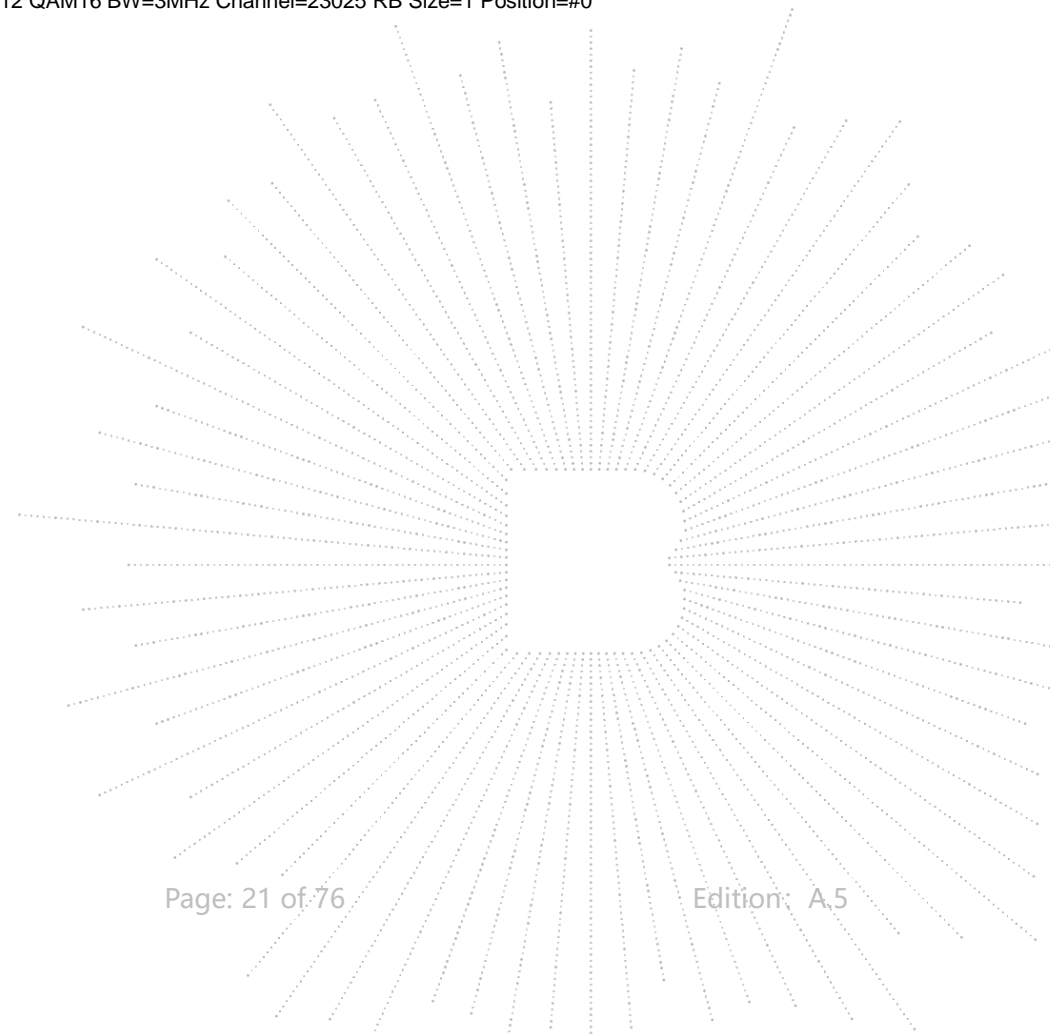
Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=1 Position=#0

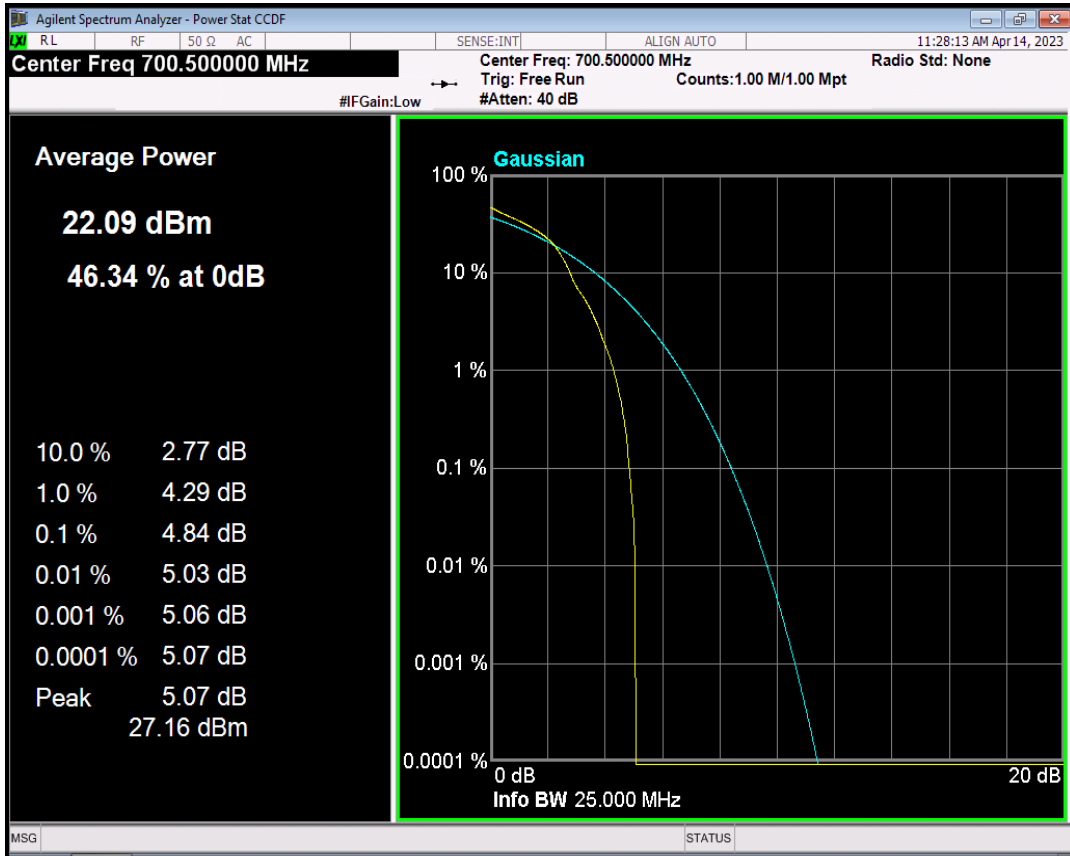


Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0

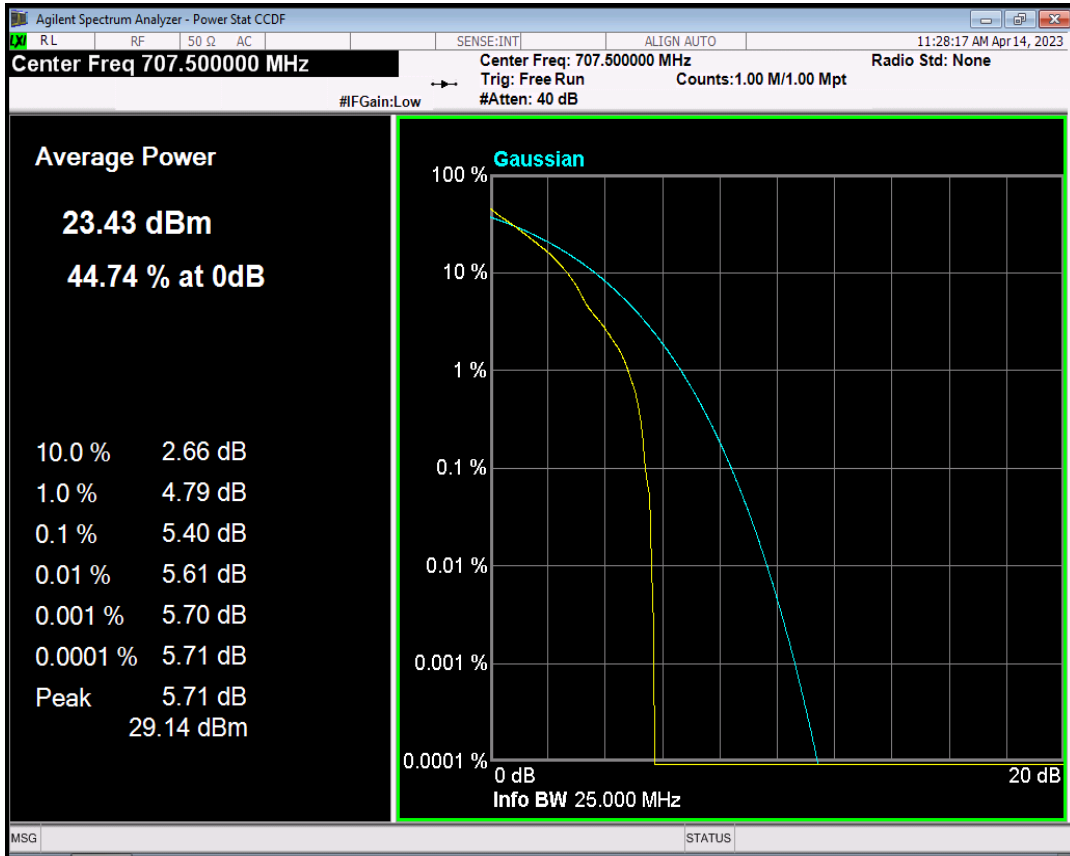


Band12 QAM16 BW=3MHz Channel=23025 RB Size=1 Position=#0



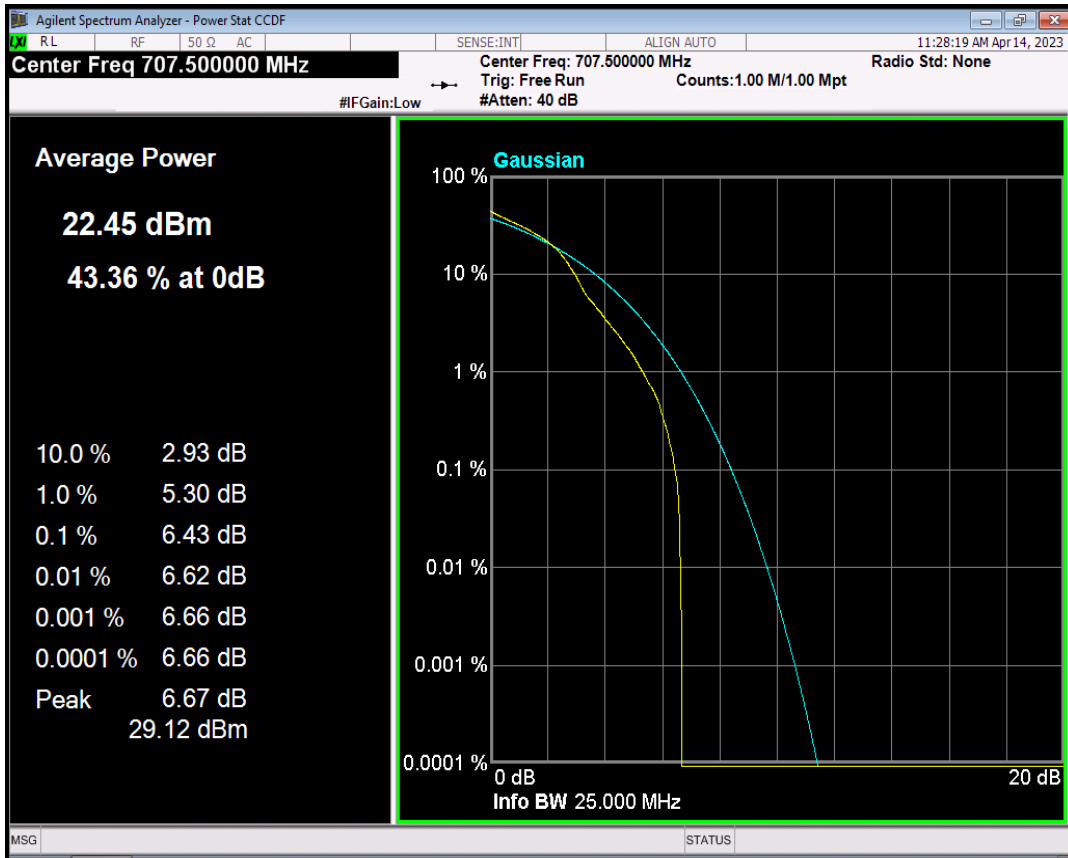


Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0

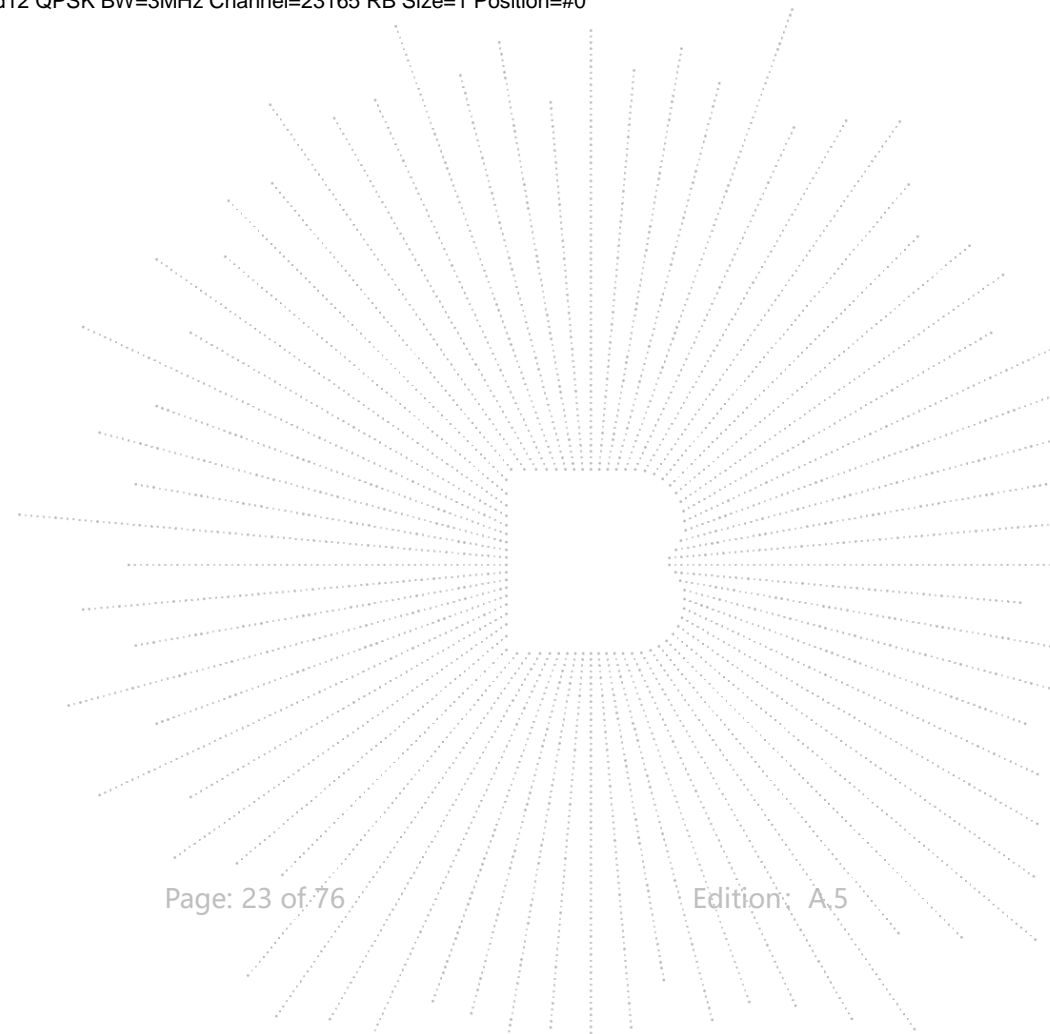


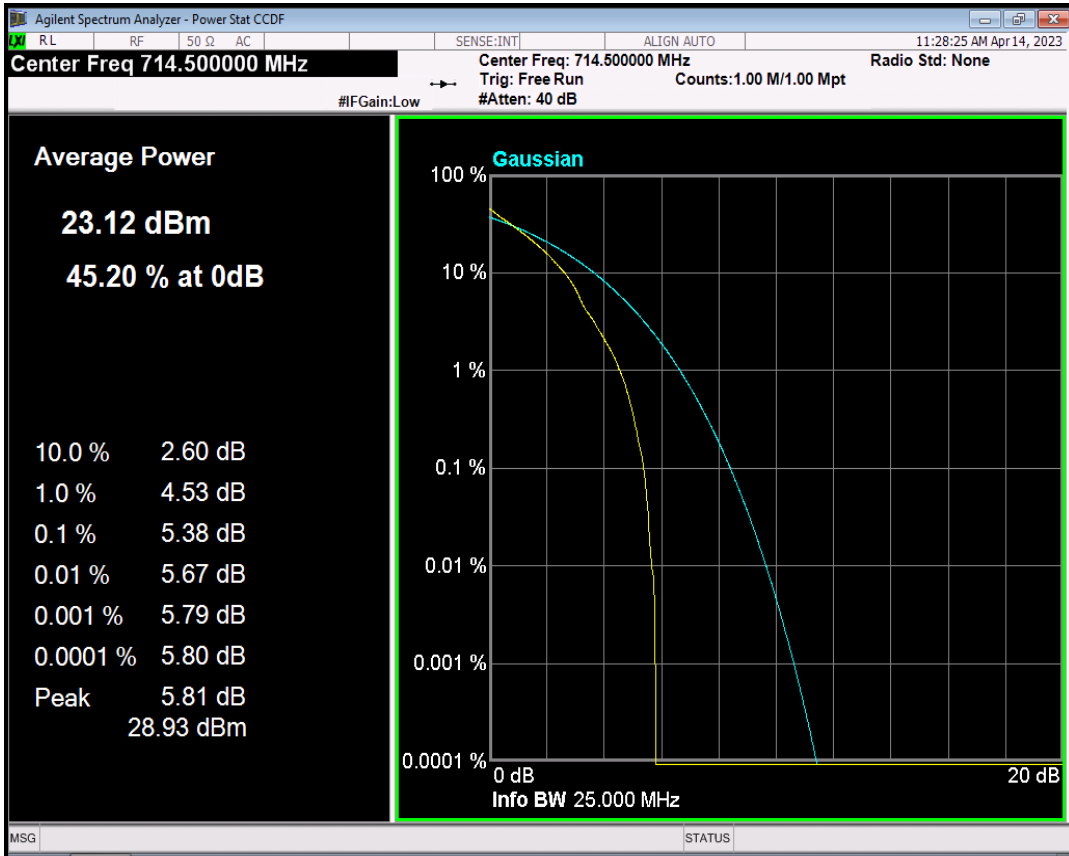


Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0

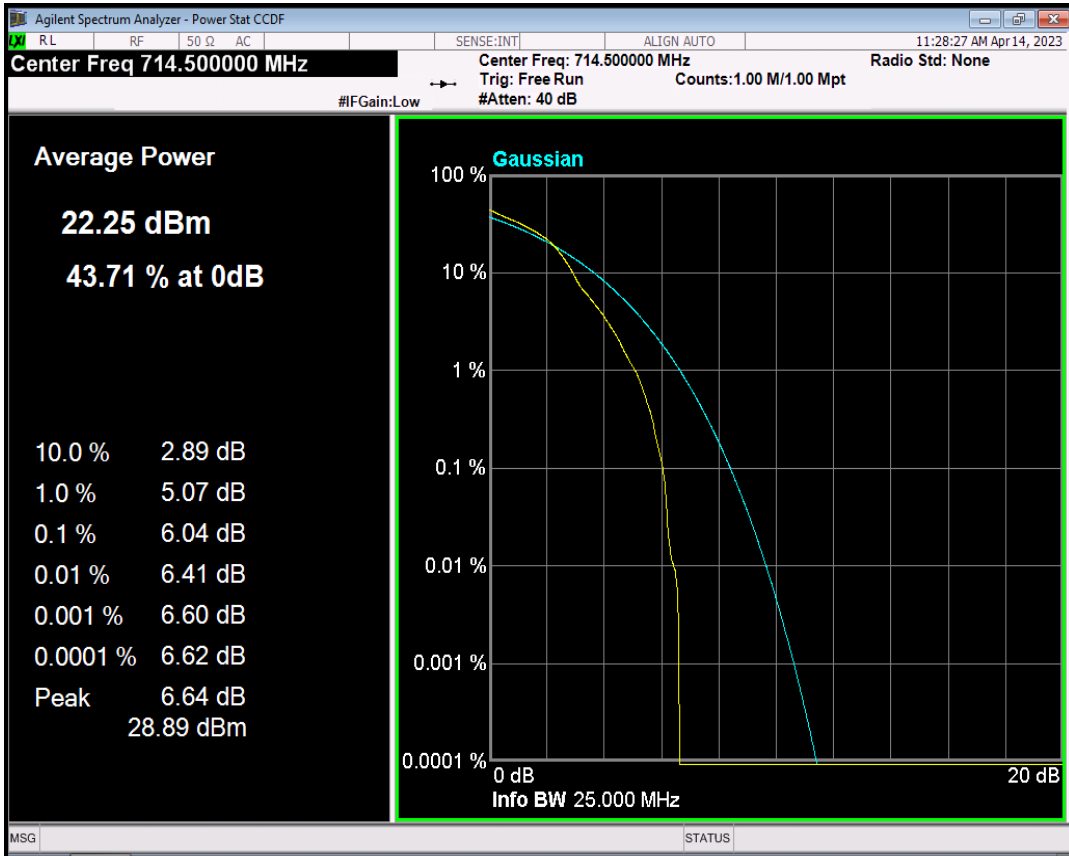


Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



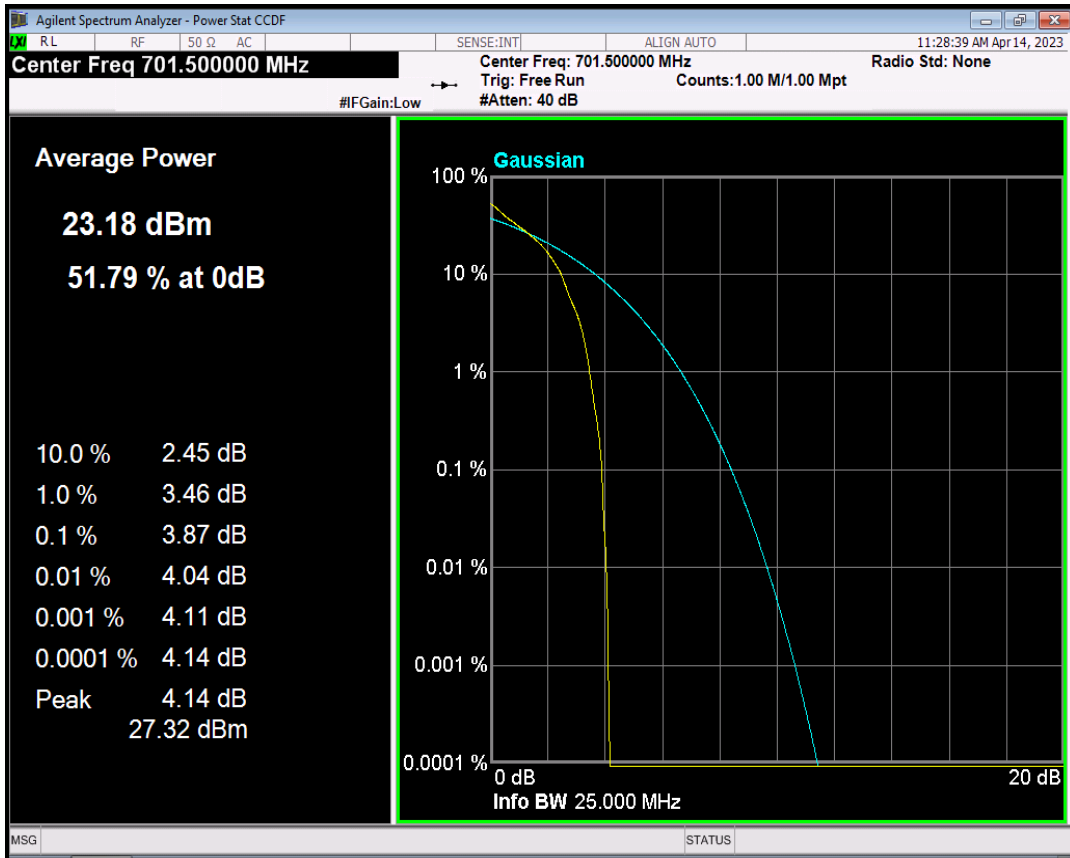


Band12 QAM16 BW=3MHz Channel=23165 RB Size=1 Position=#0

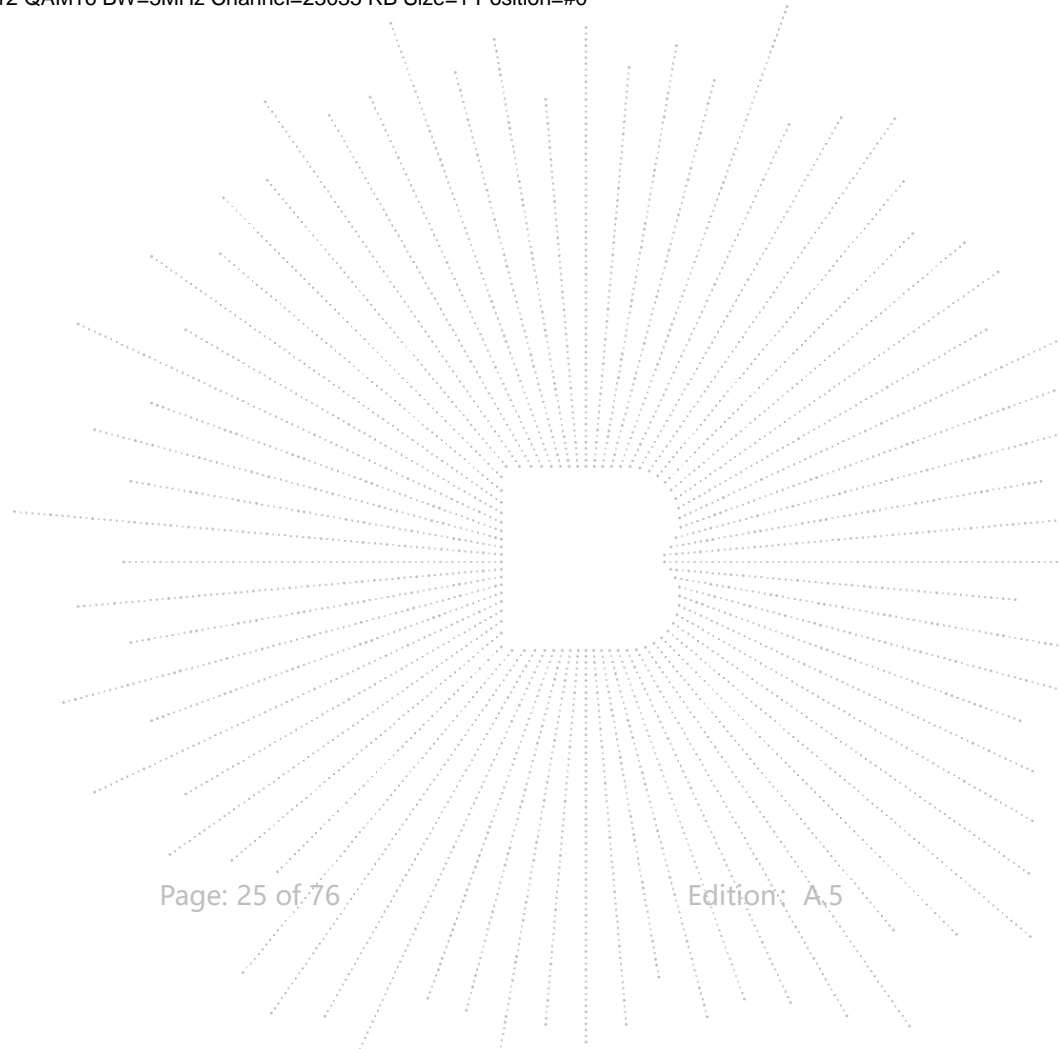


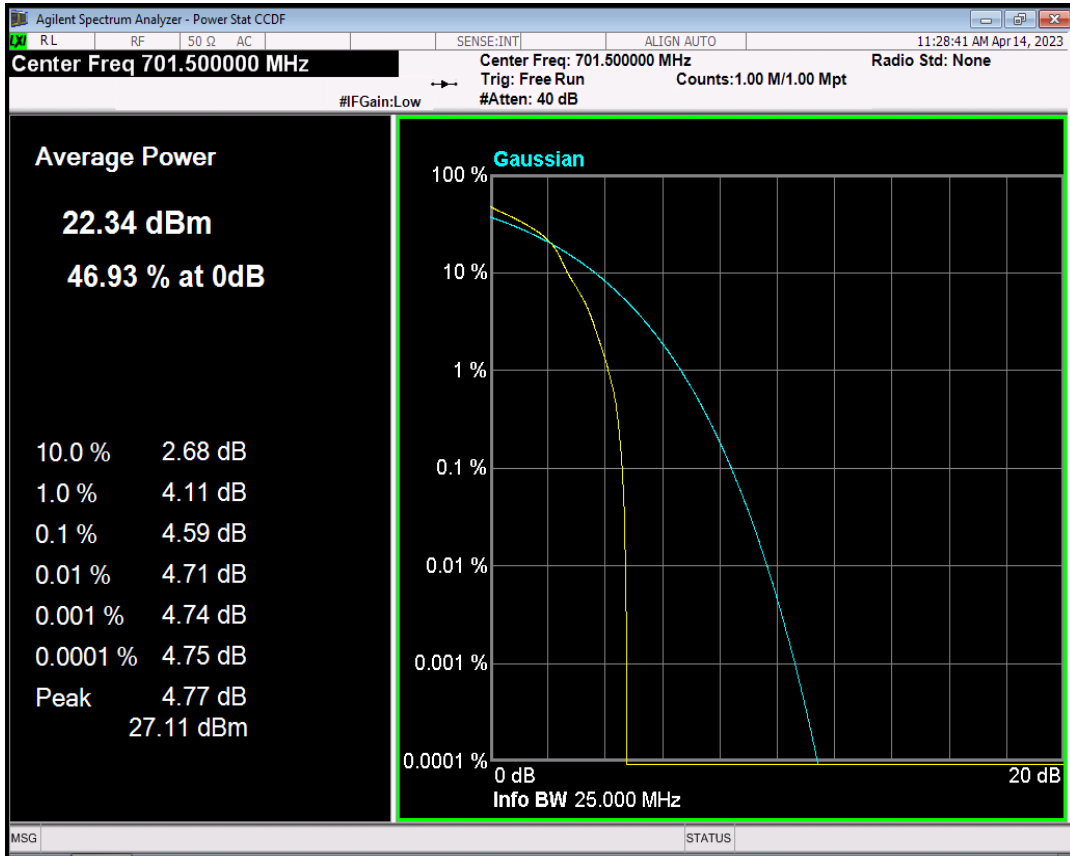


Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0

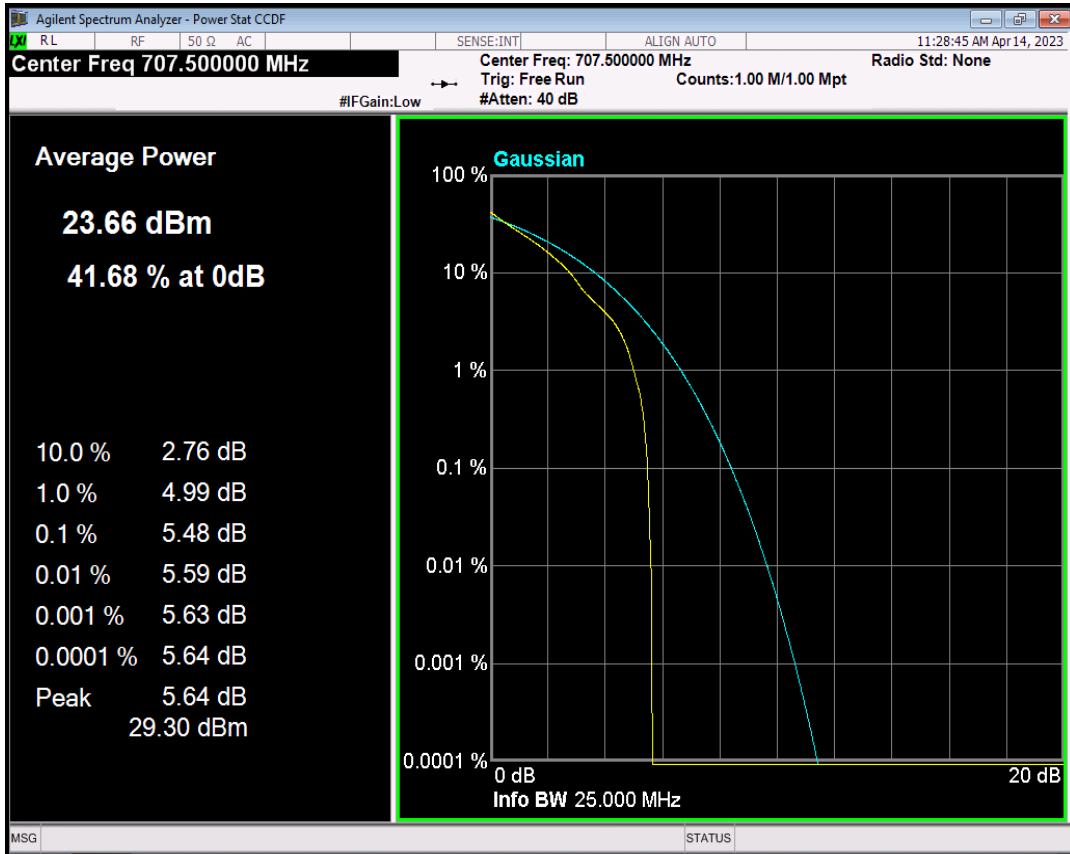


Band12 QAM16 BW=5MHz Channel=23035 RB Size=1 Position=#0

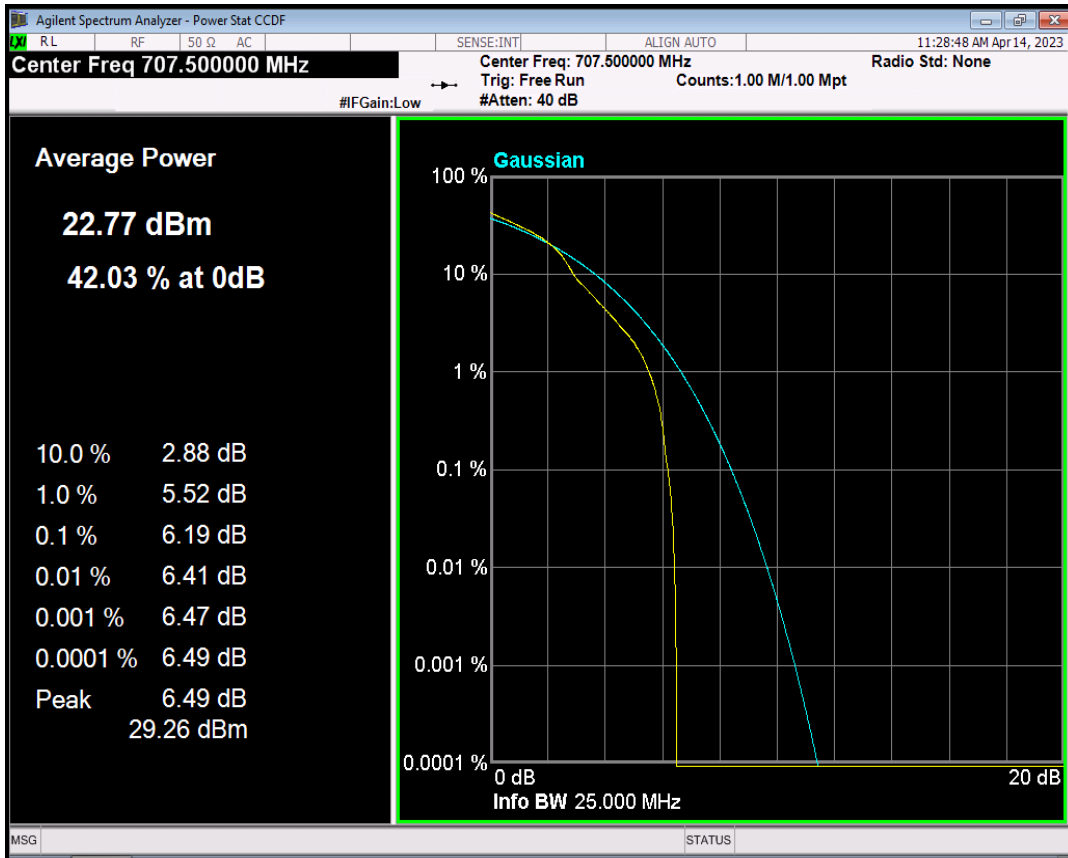




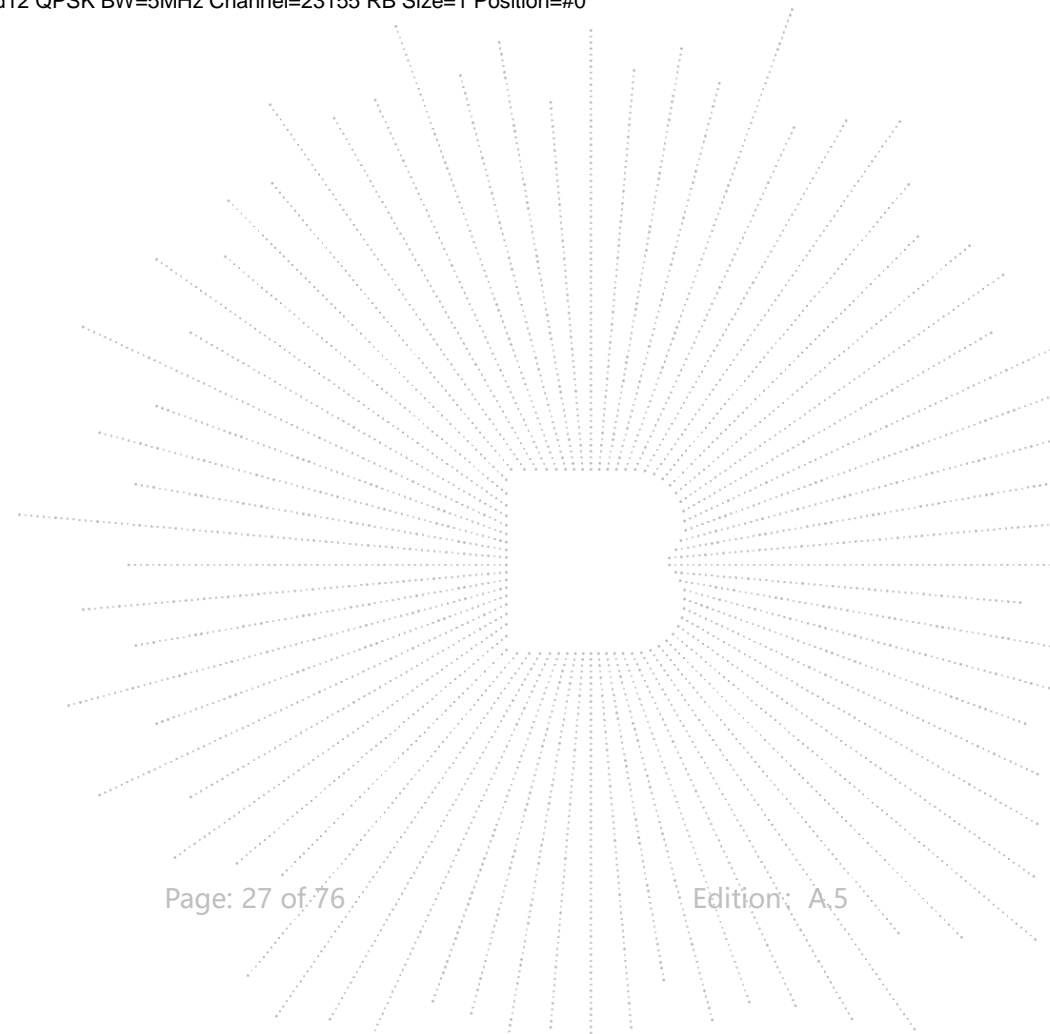
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0

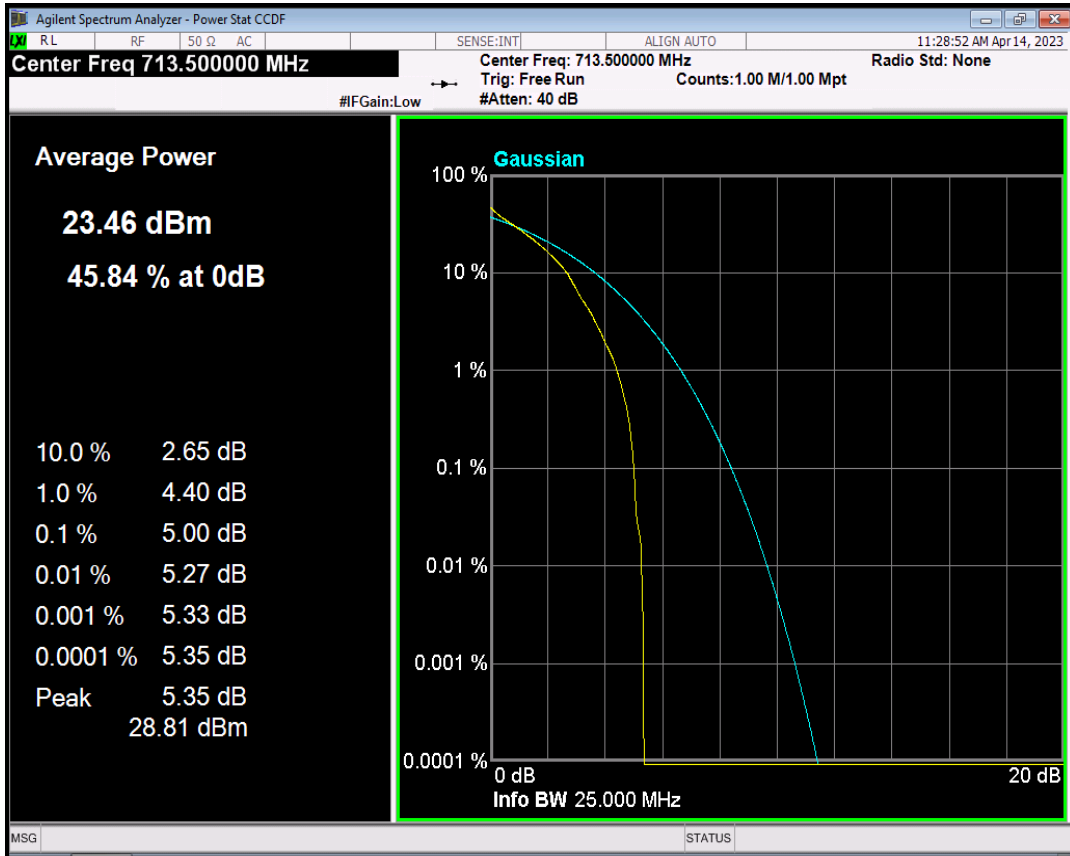


Band12 QAM16 BW=5MHz Channel=23095 RB Size=1 Position=#0

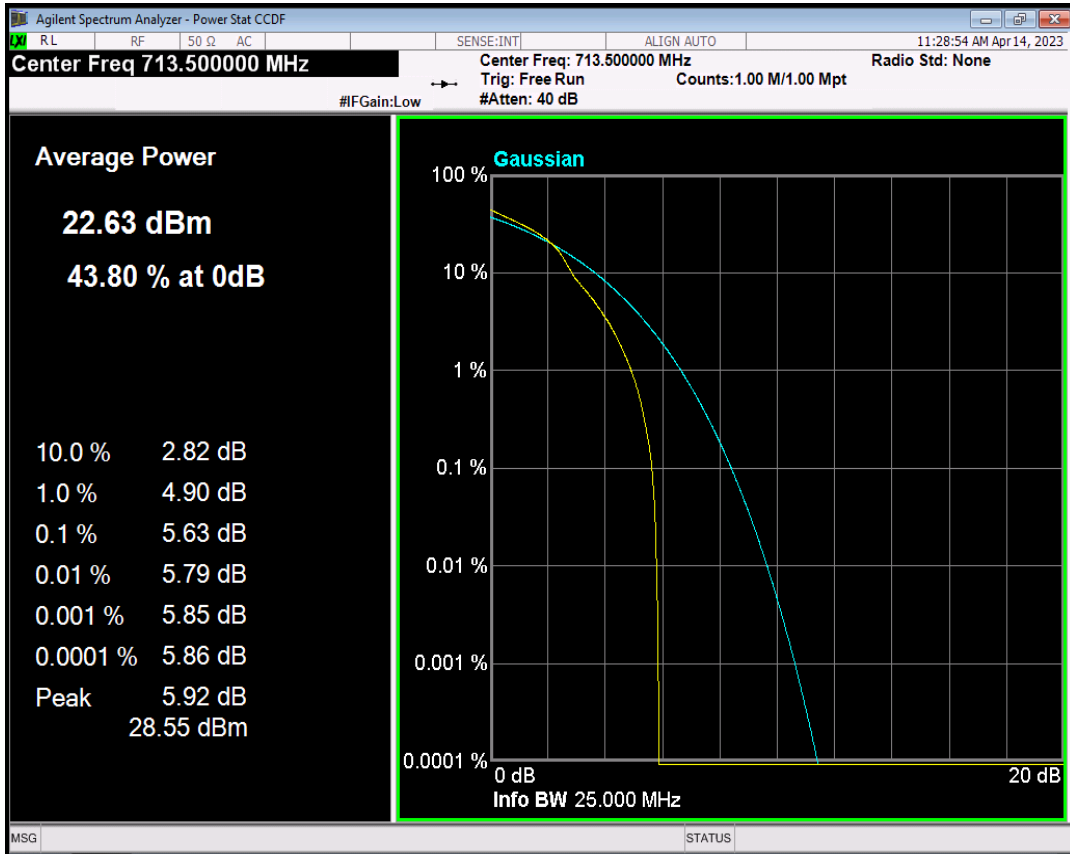


Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0

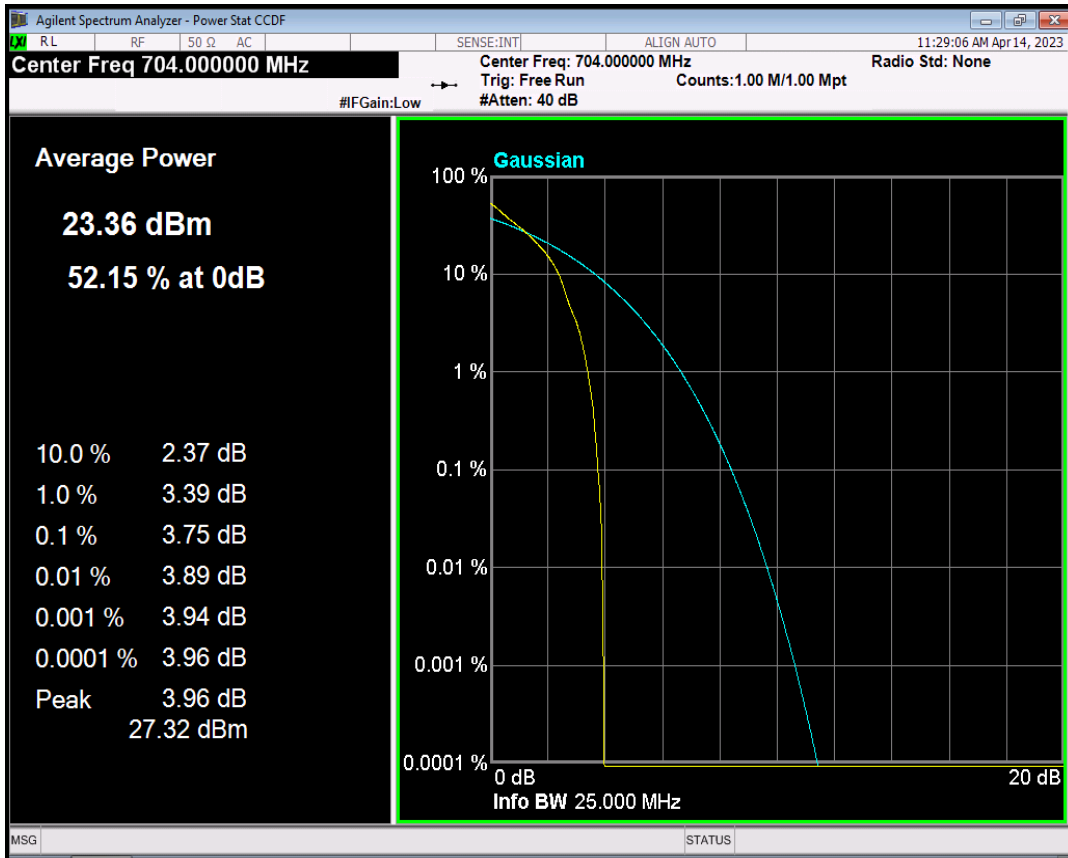




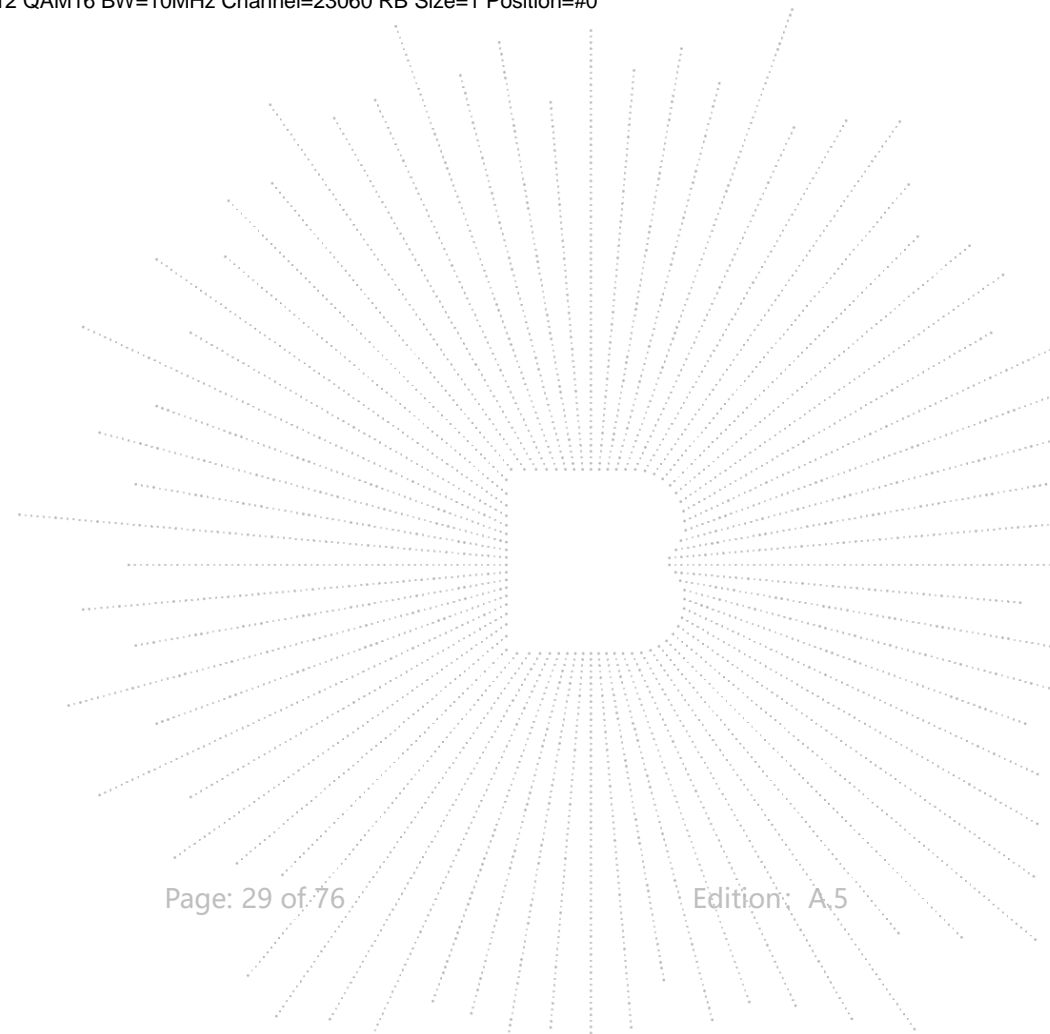
Band12 QAM16 BW=5MHz Channel=23155 RB Size=1 Position=#0



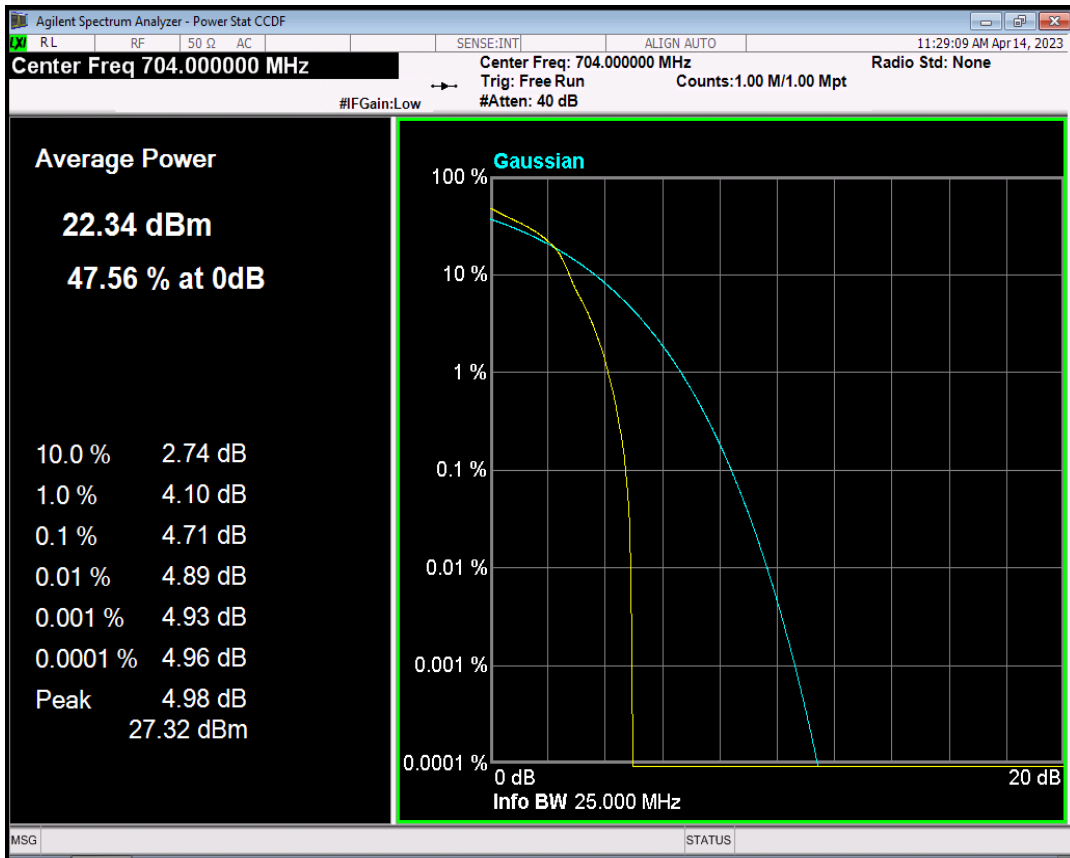
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



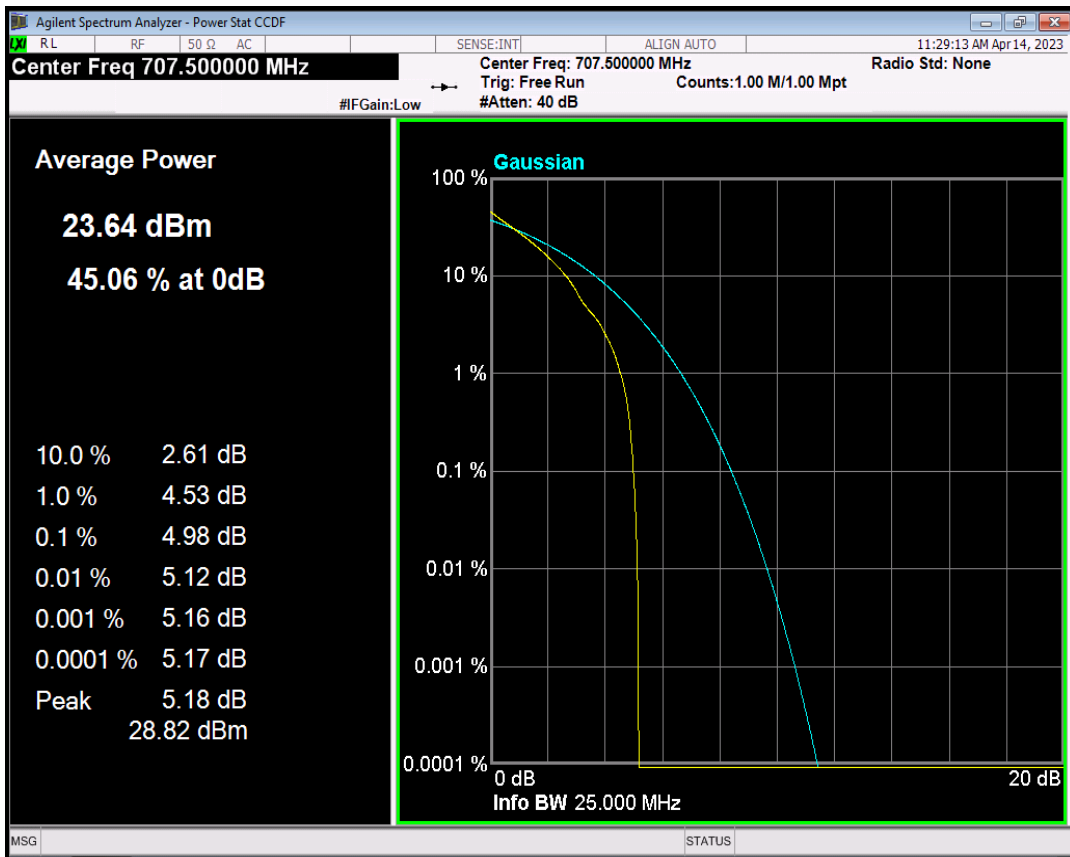
Band12 QAM16 BW=10MHz Channel=23060 RB Size=1 Position=#0



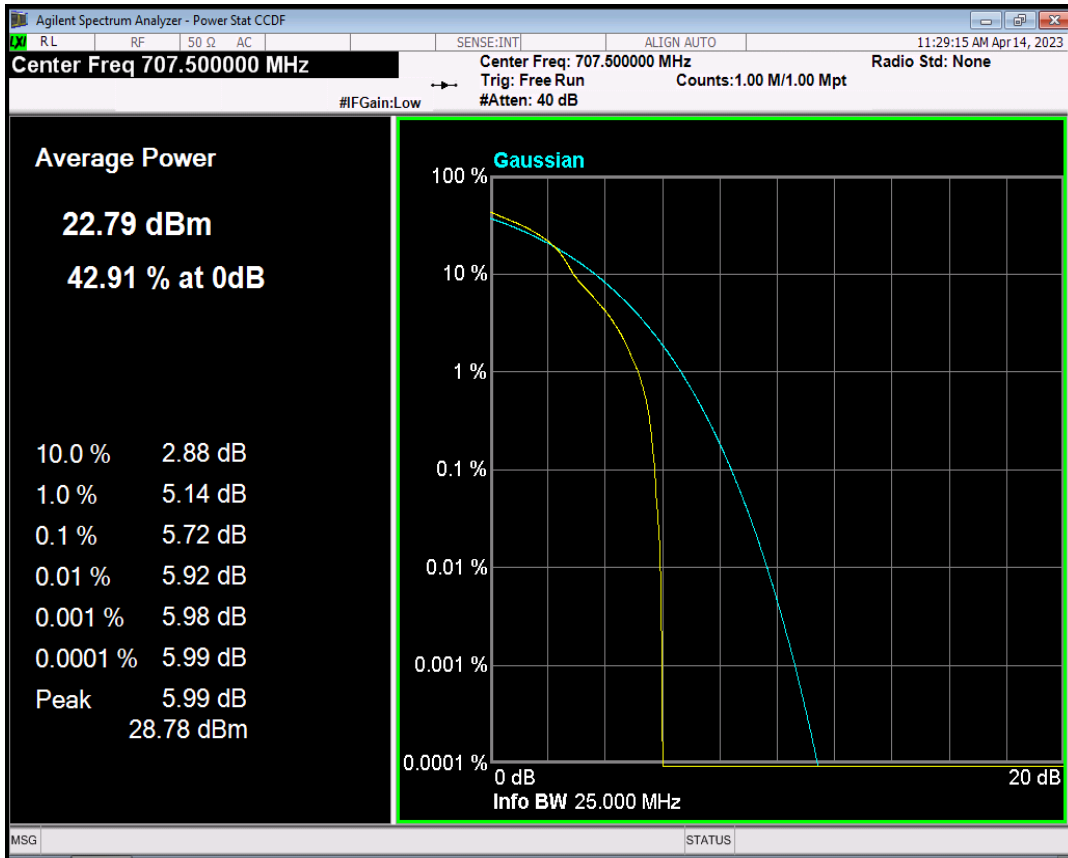




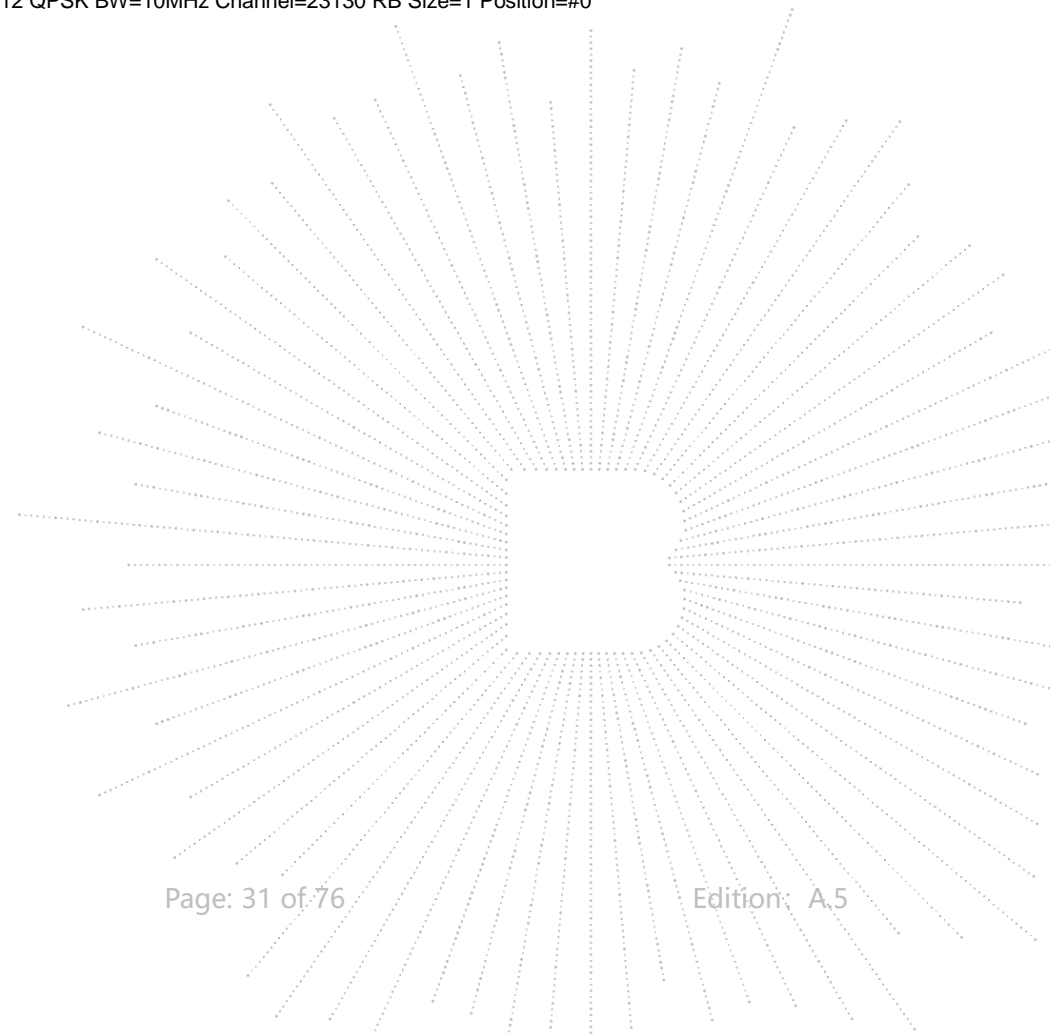
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0

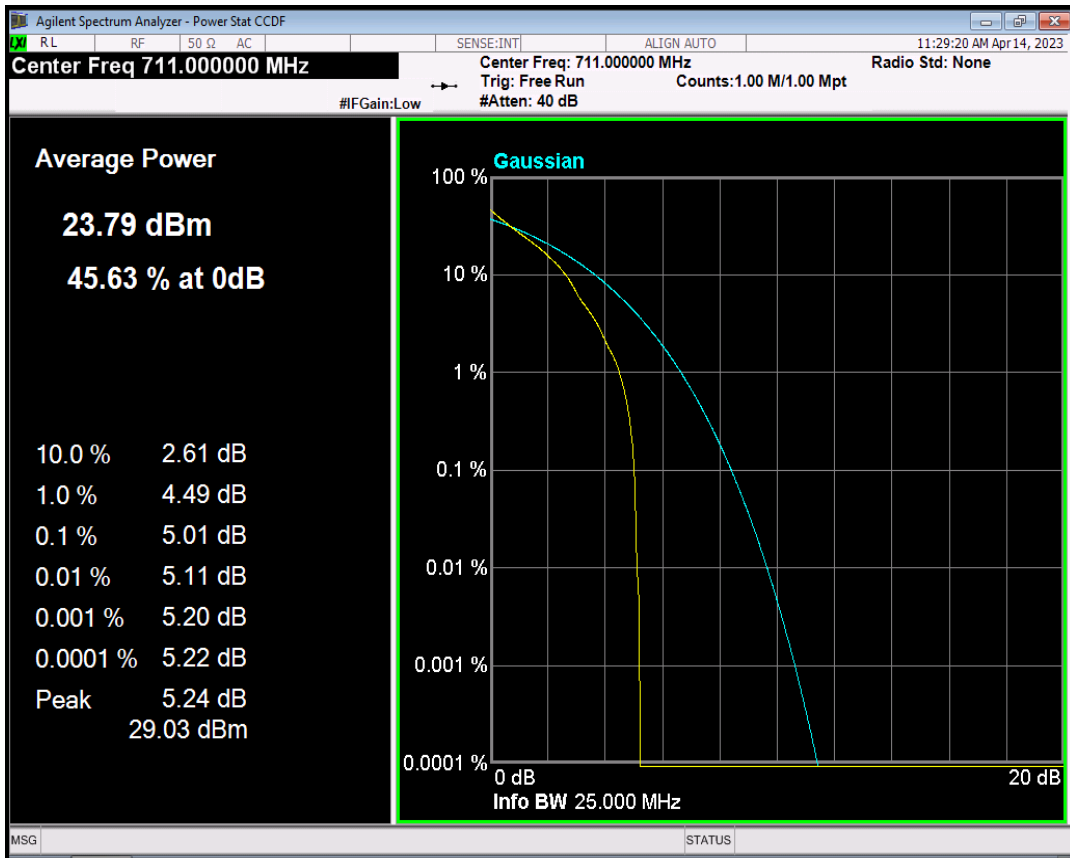


Band12 QAM16 BW=10MHz Channel=23095 RB Size=1 Position=#0

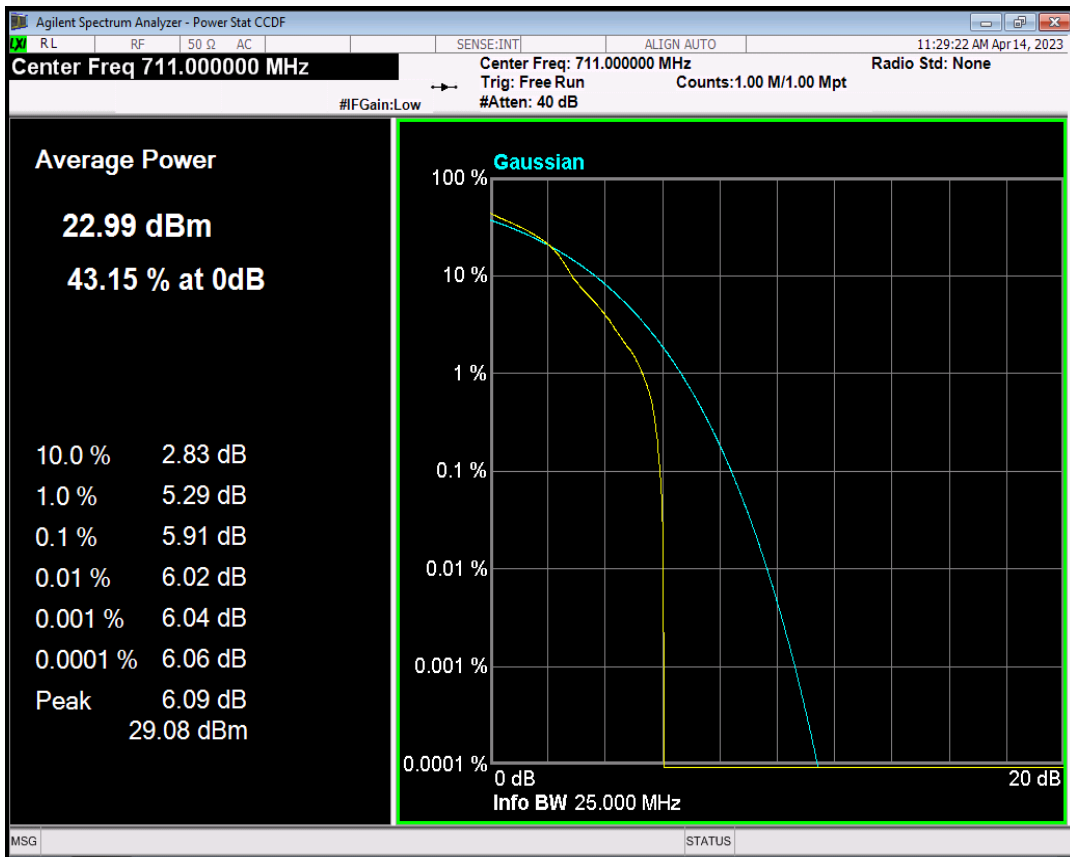


Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0





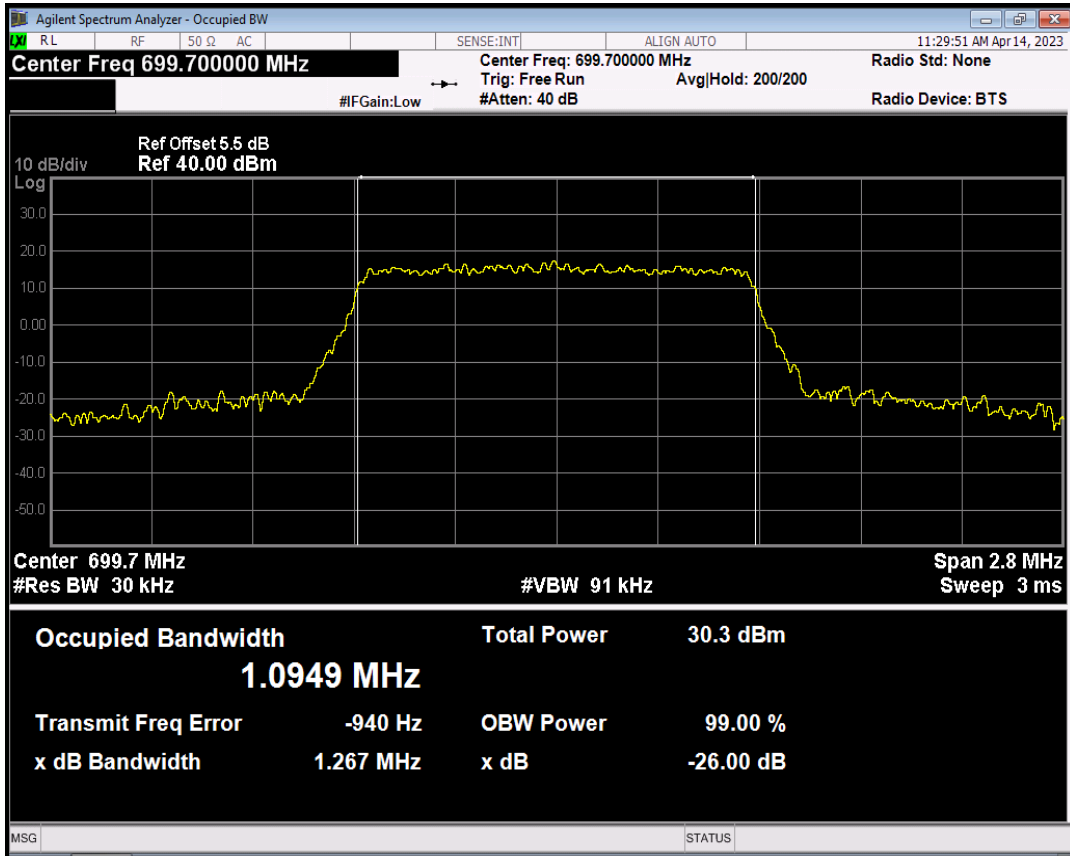
Band12 QAM16 BW=10MHz Channel=23130 RB Size=1 Position=#0



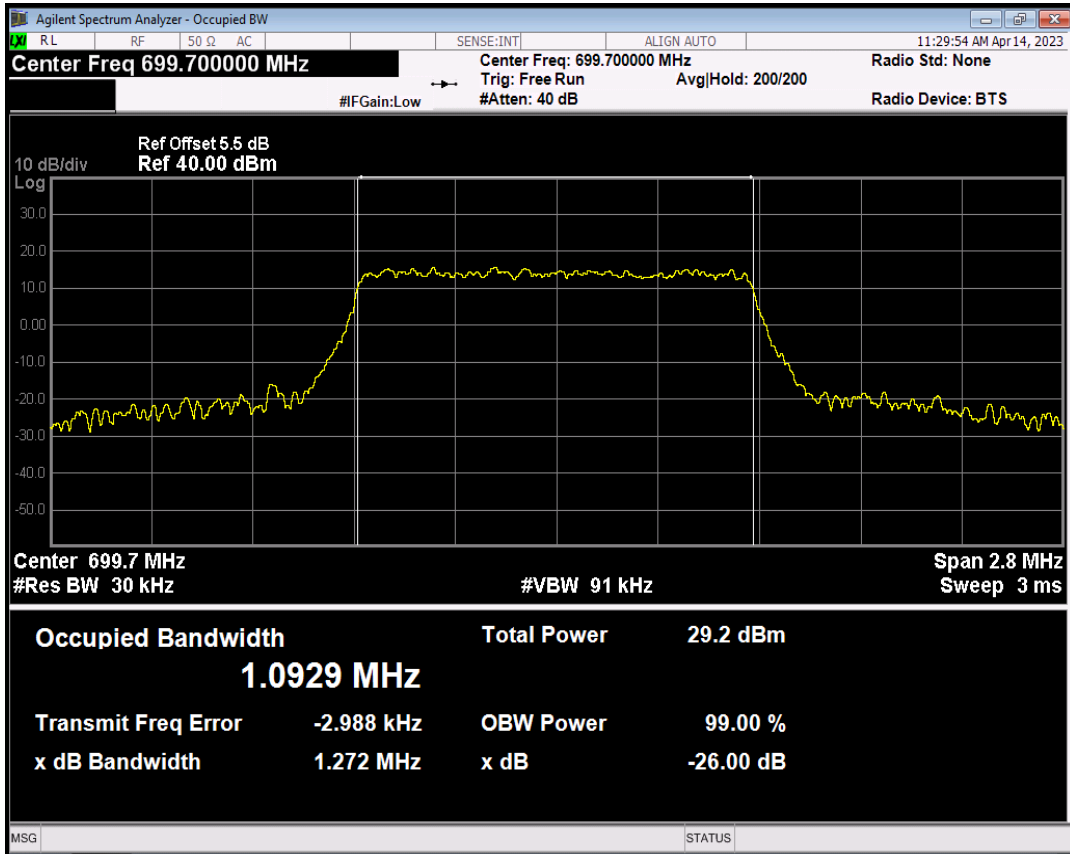
**Appendix 4. Occupied bandwidth**

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

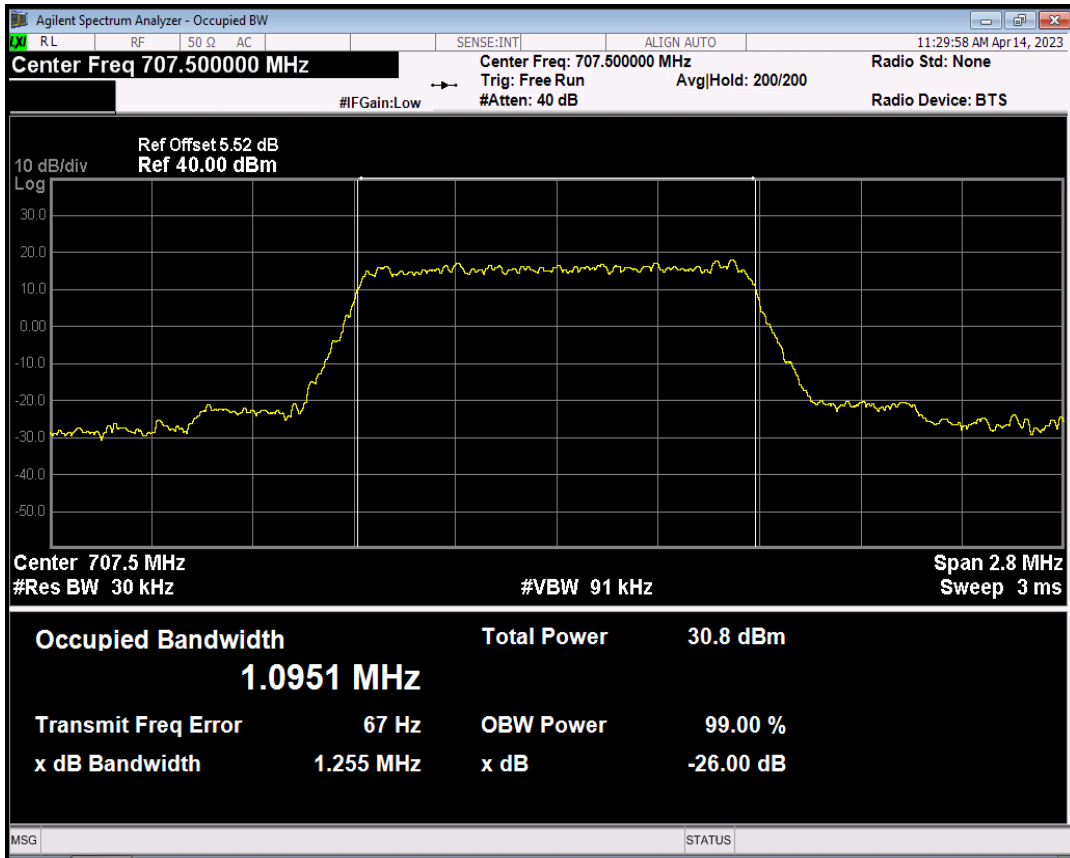
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



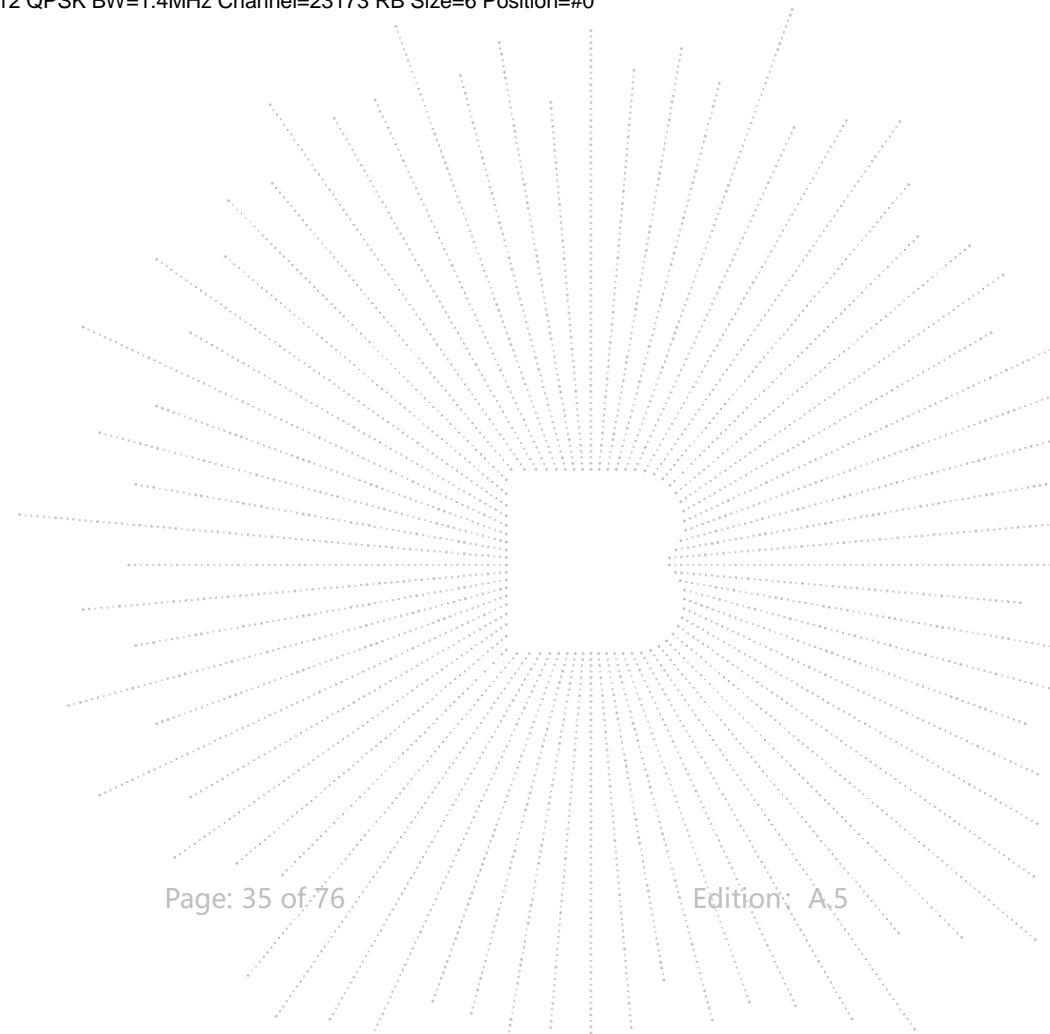
Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0

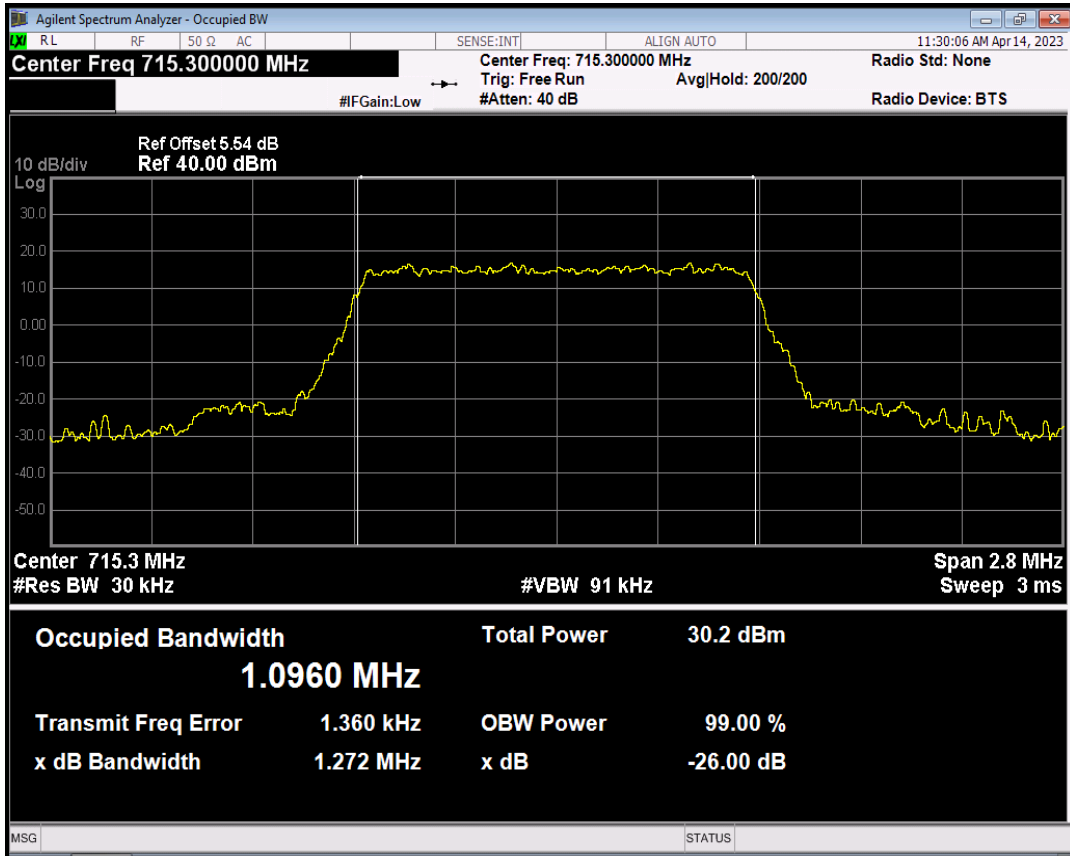


Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0

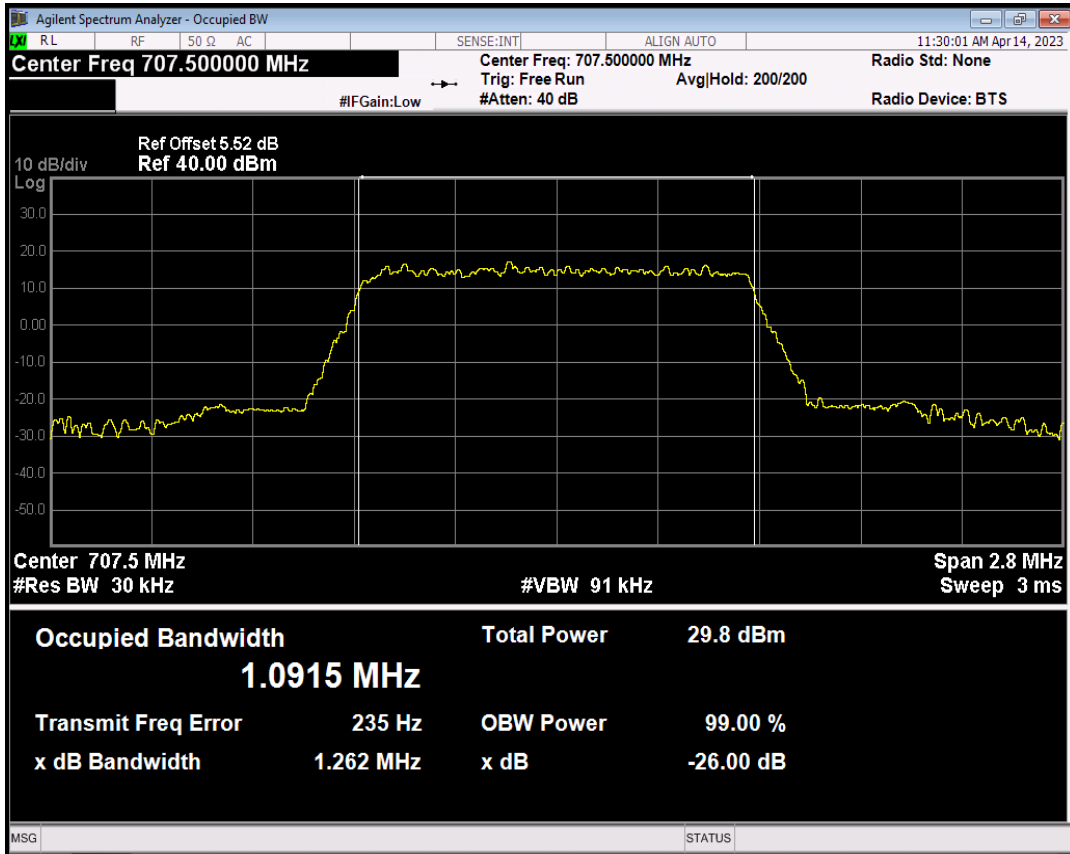


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



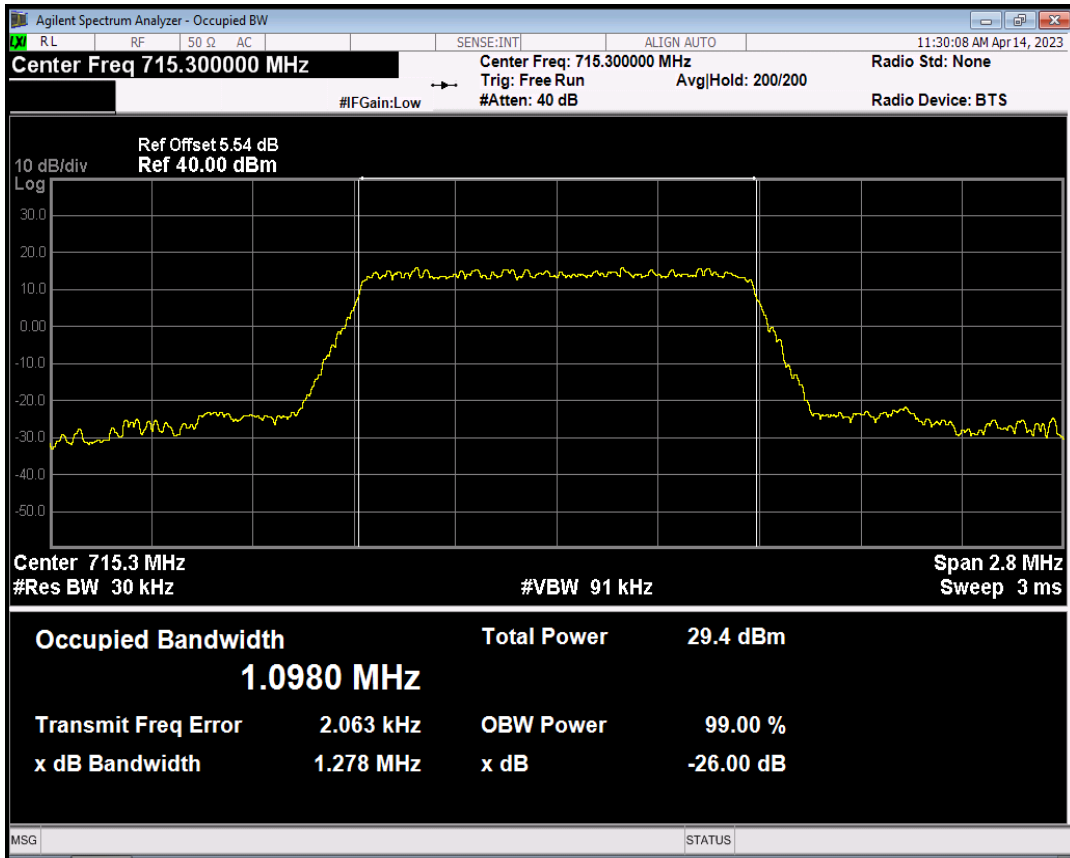


Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0

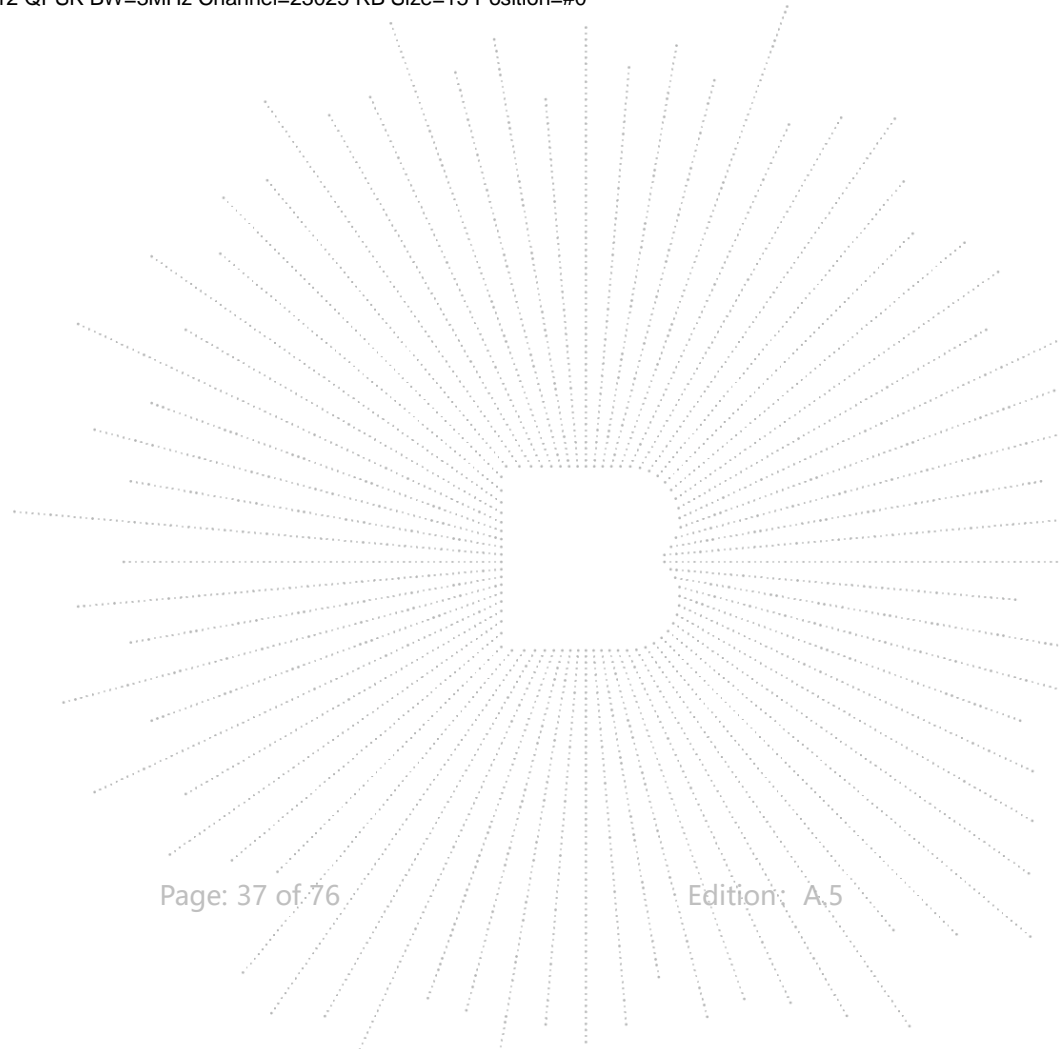


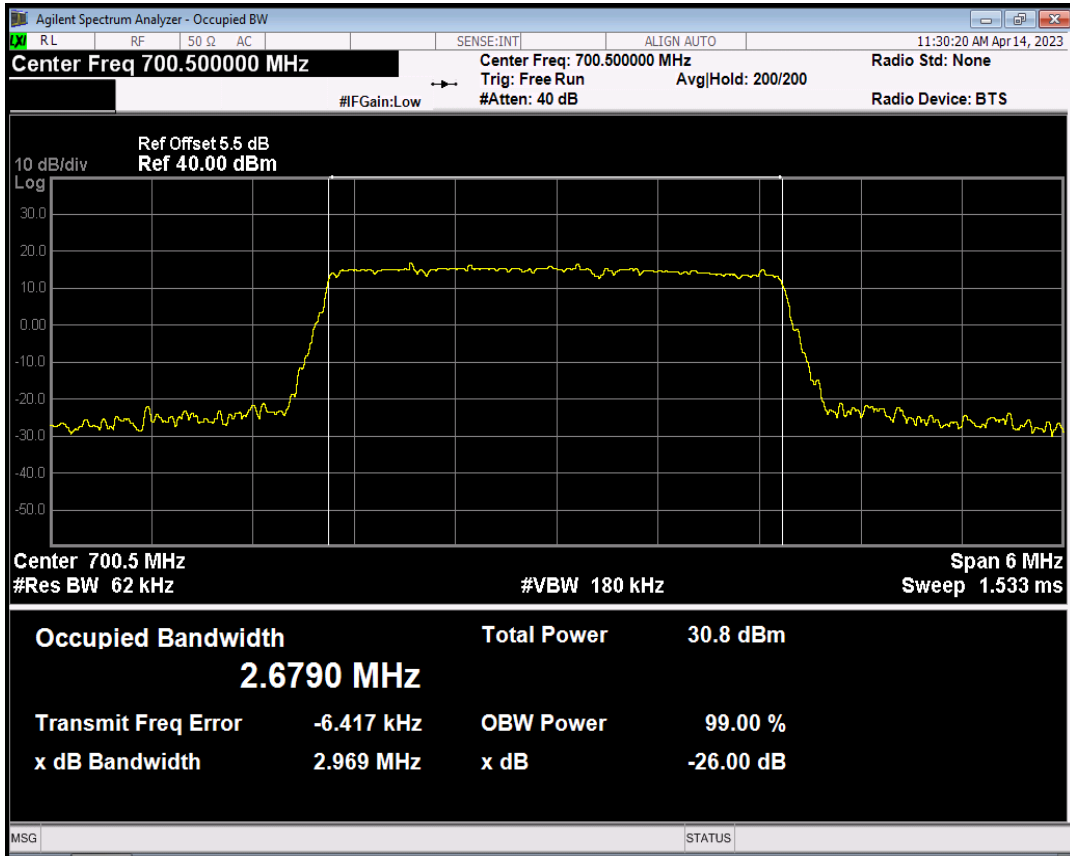


Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0

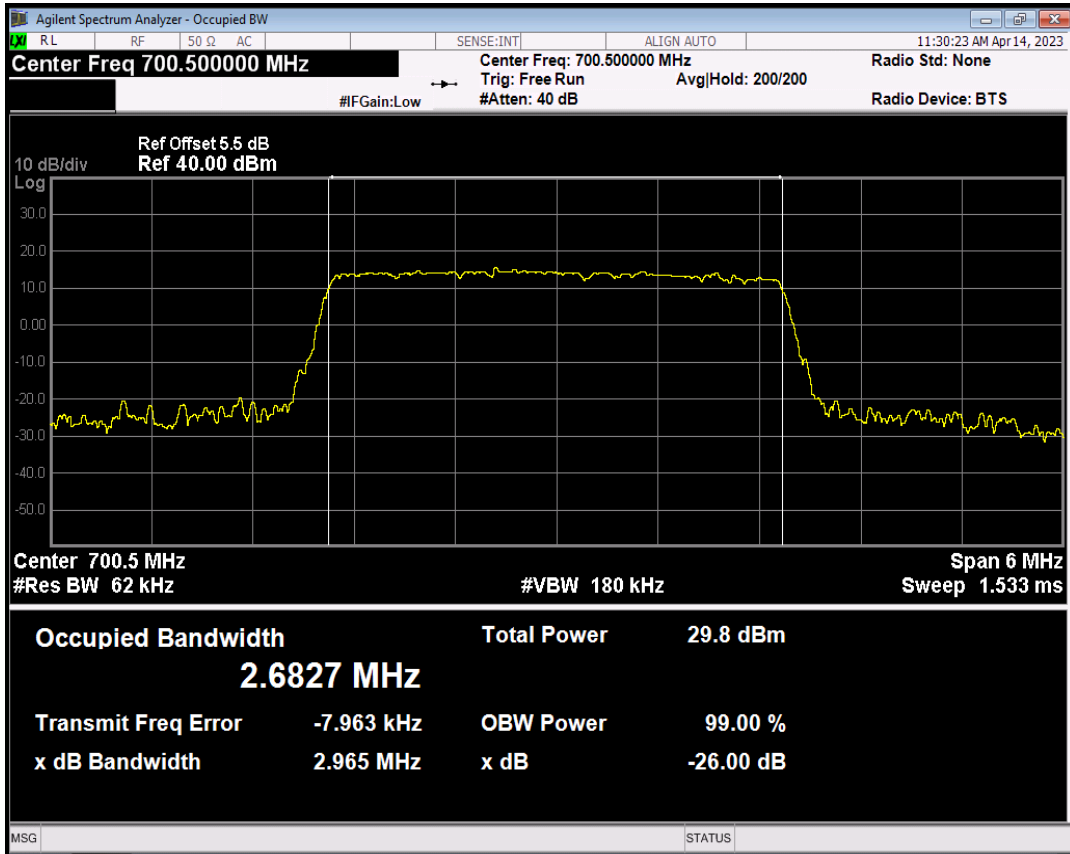


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0

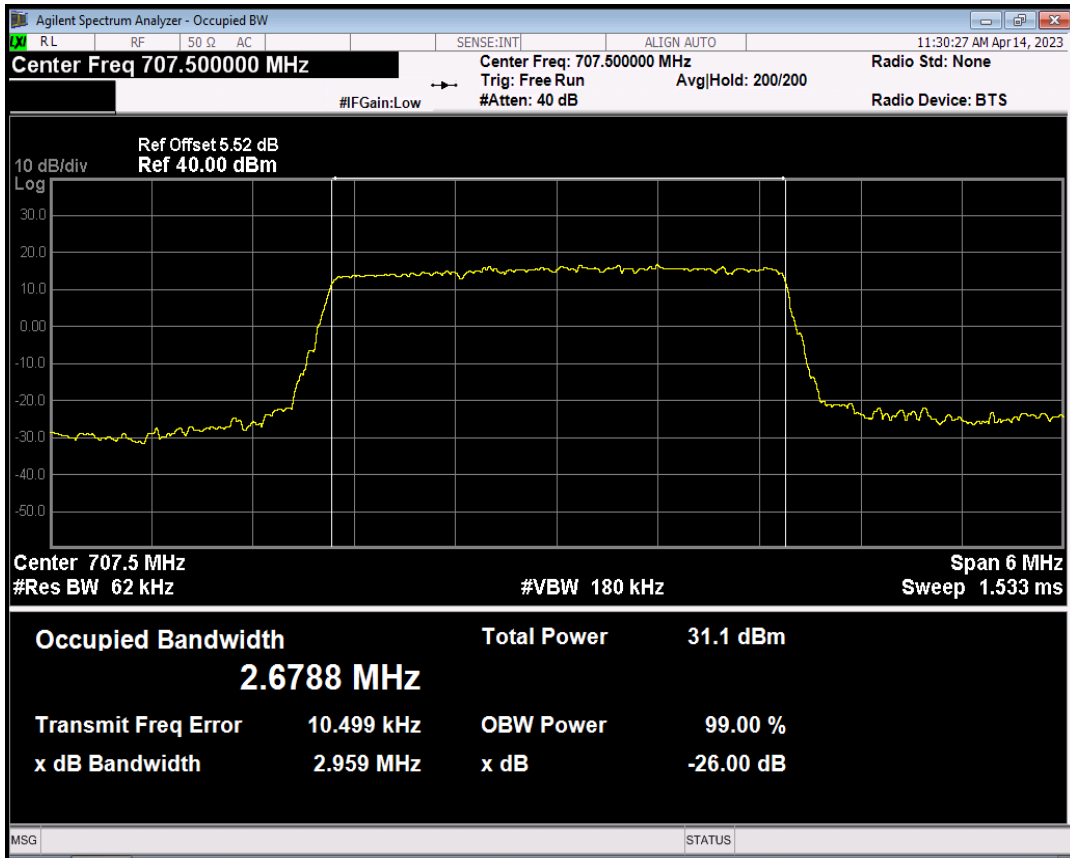




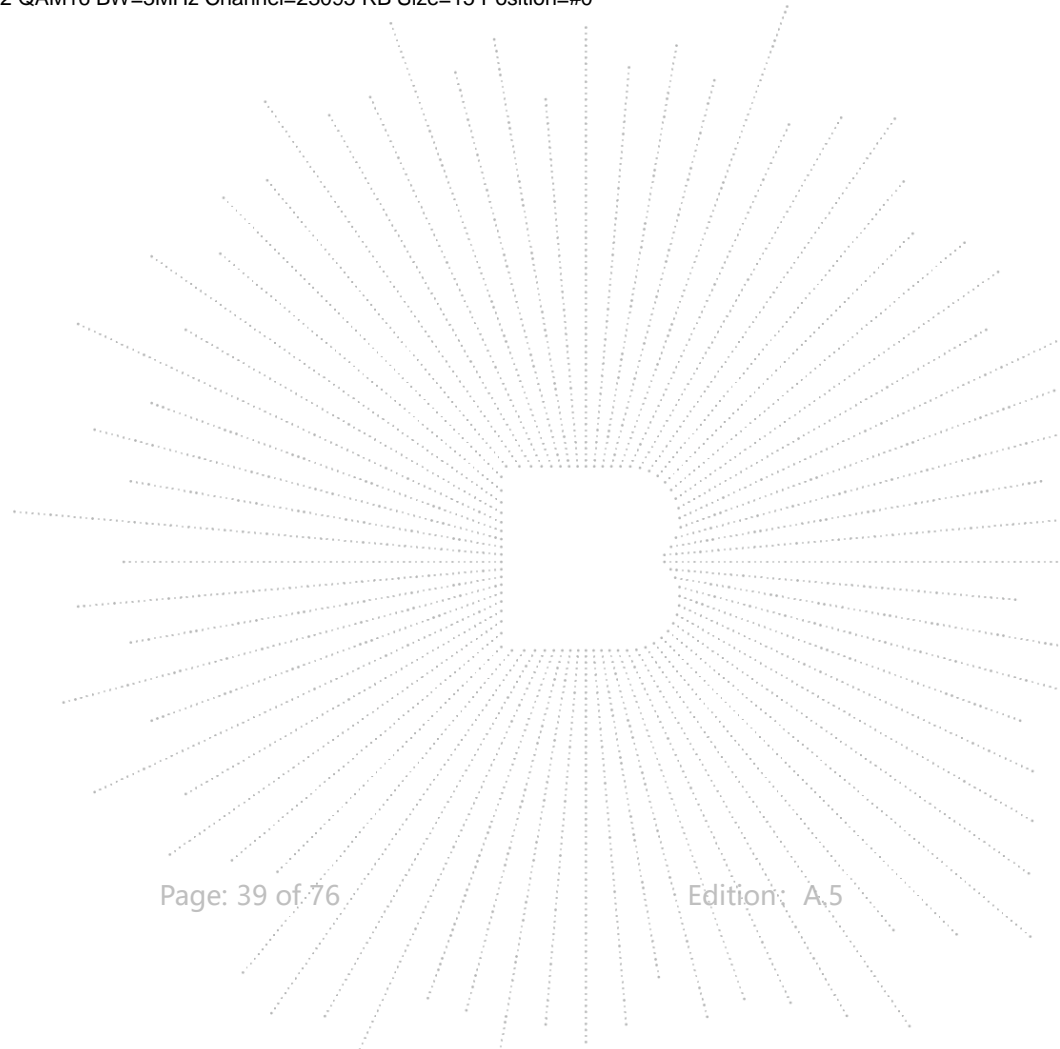
Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0

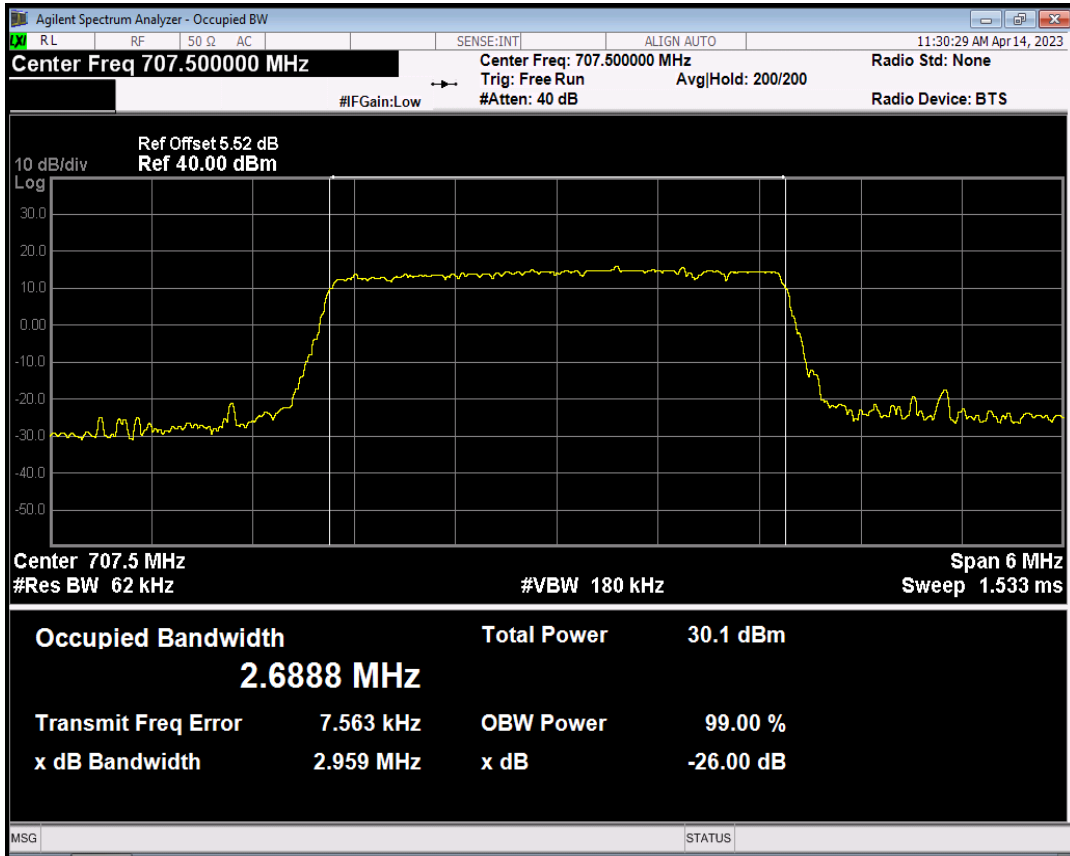


Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0

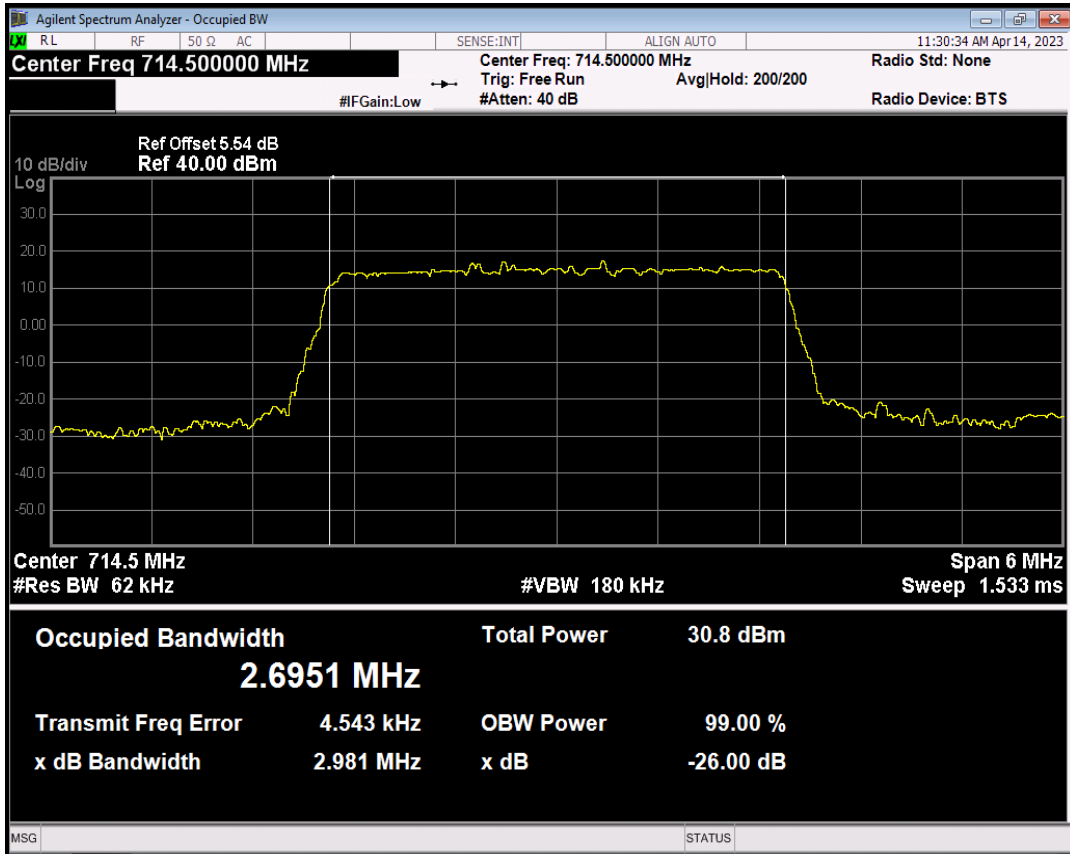


Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0

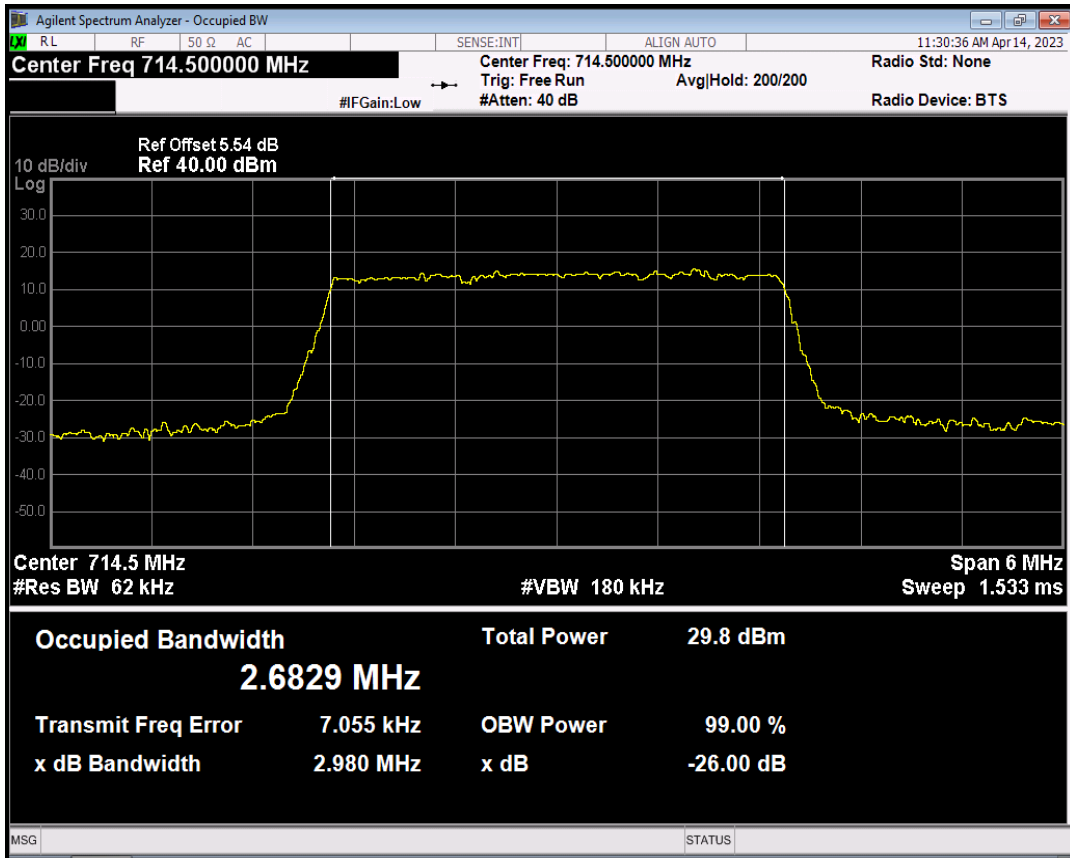




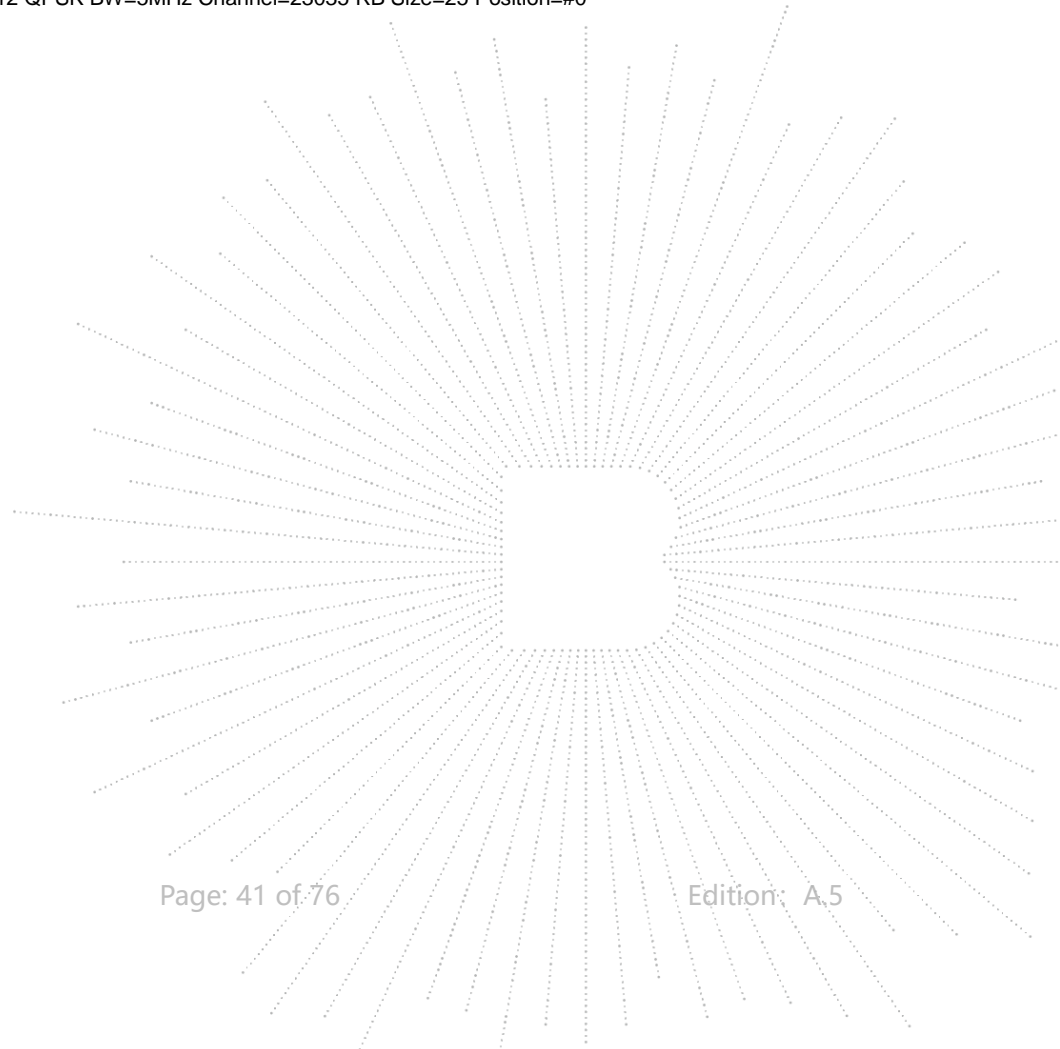
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

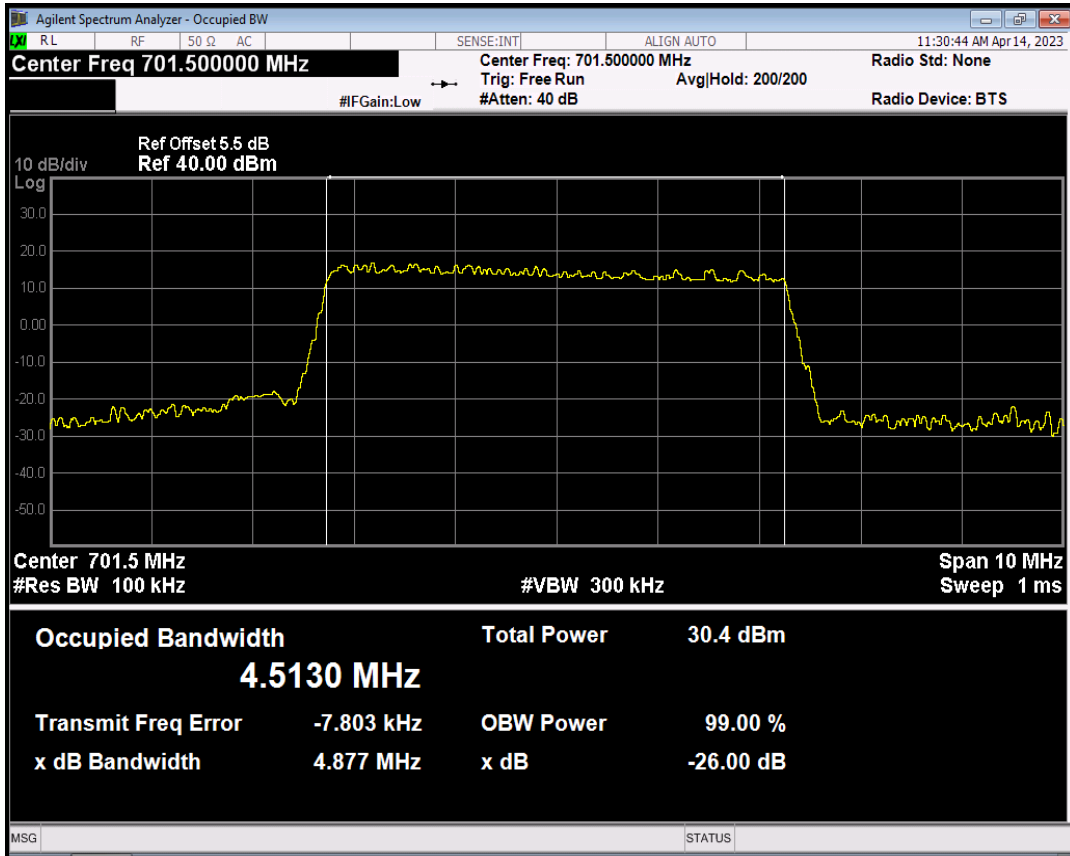


Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0

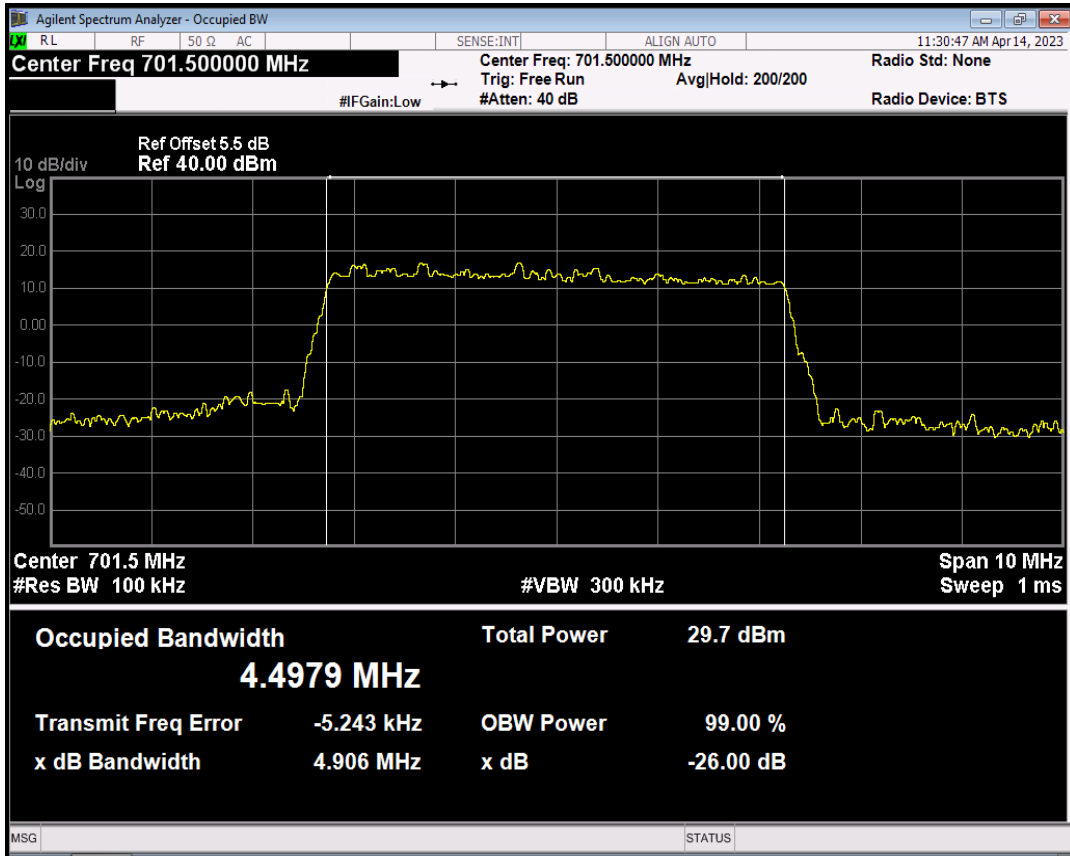


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0

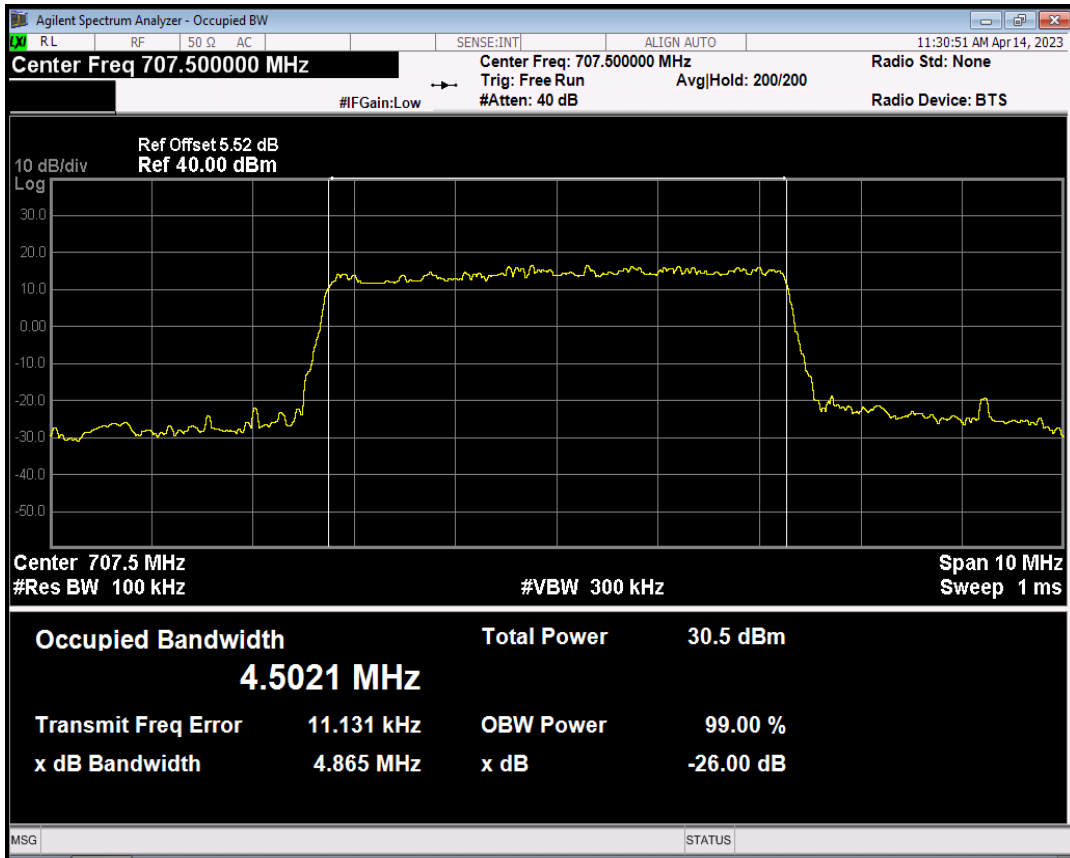




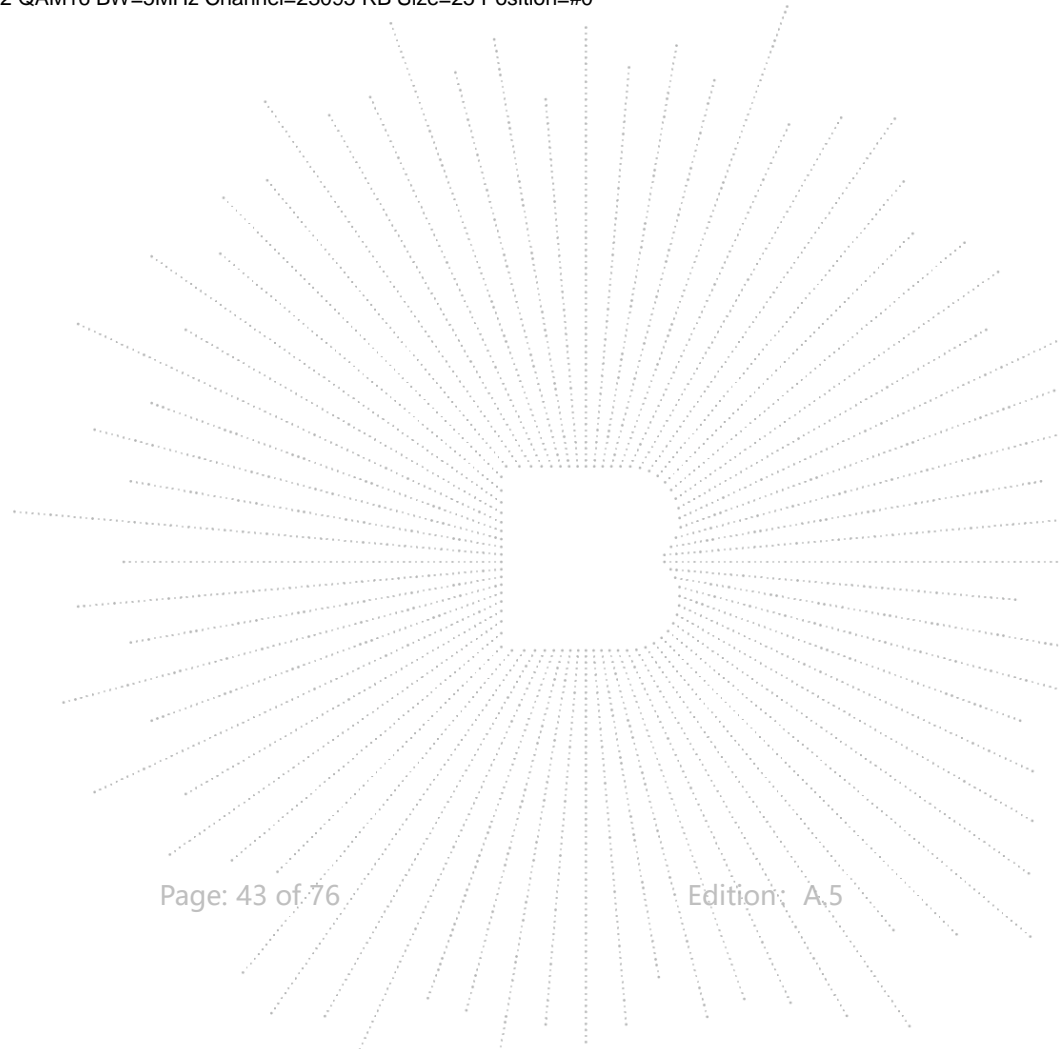
Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



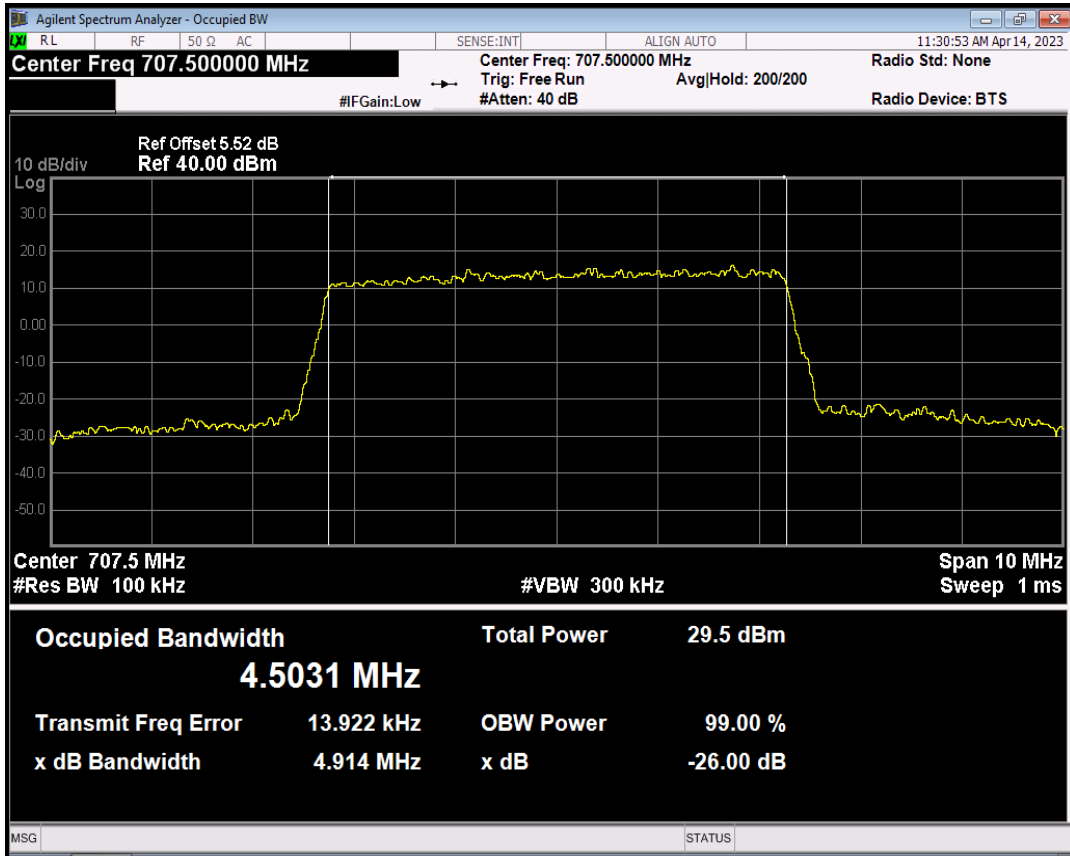
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



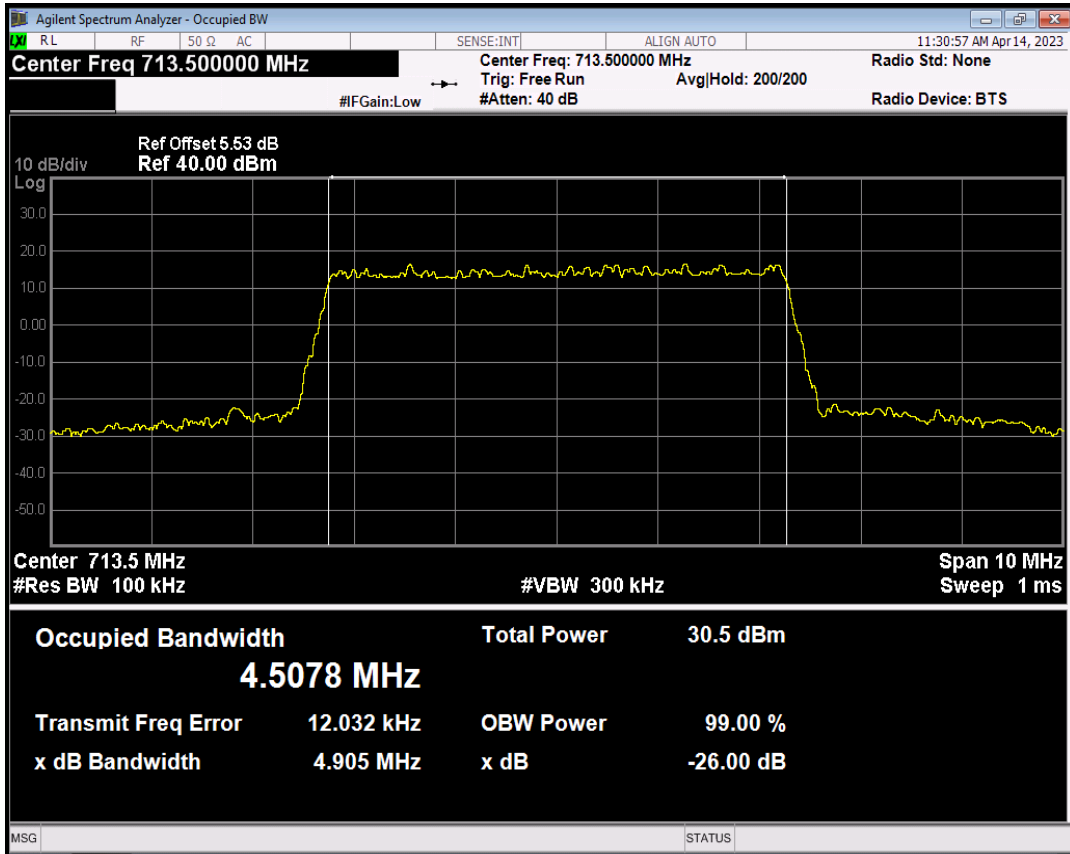
Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



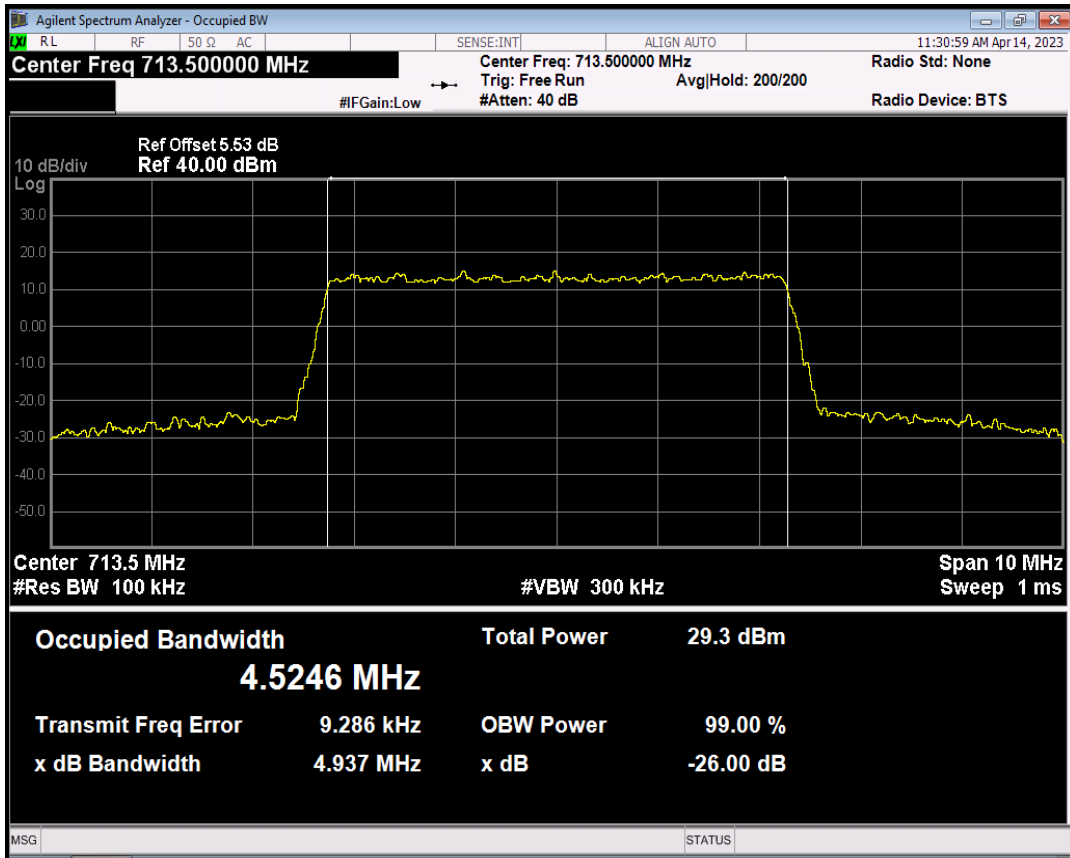




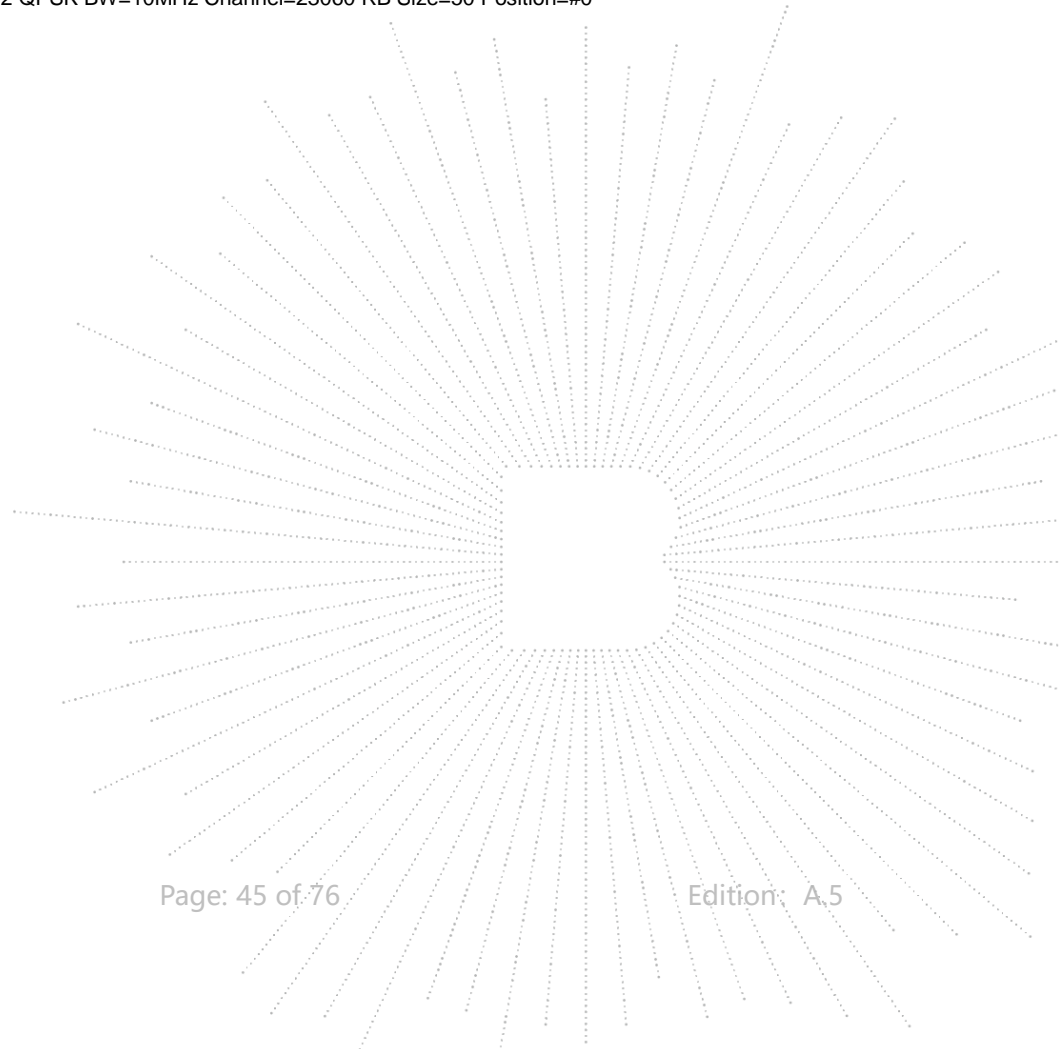
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

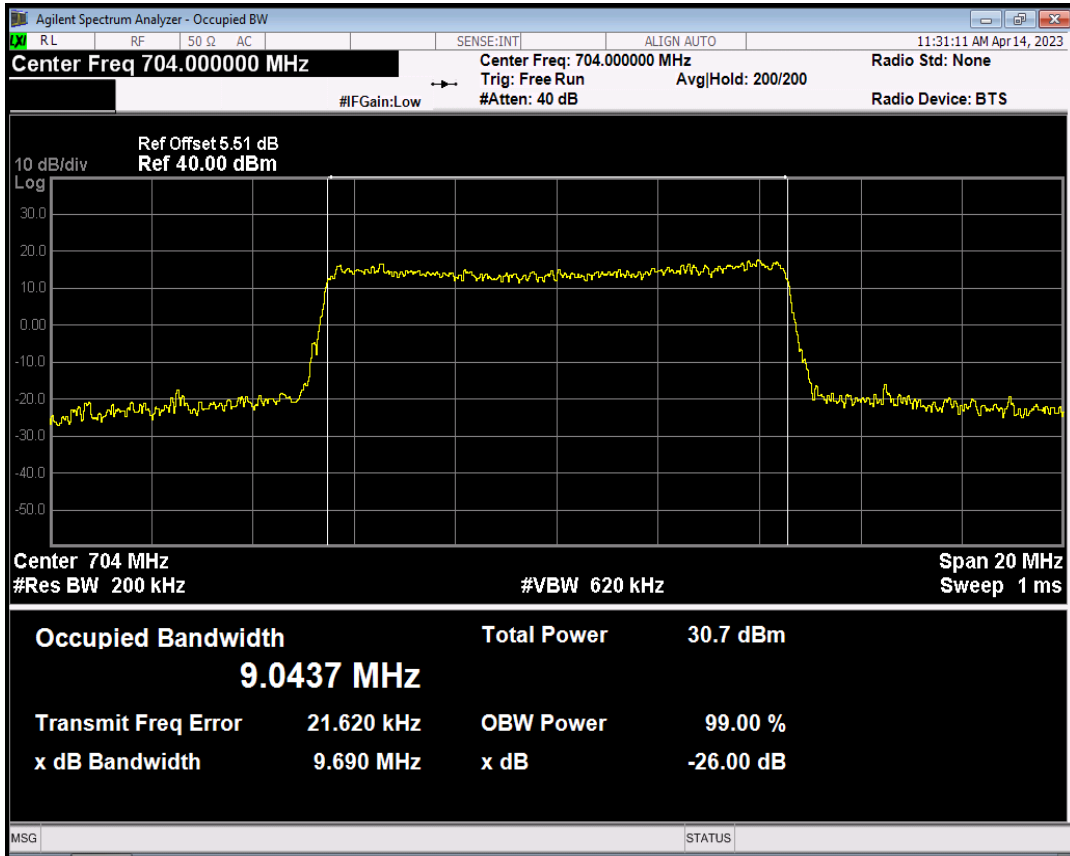


Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0

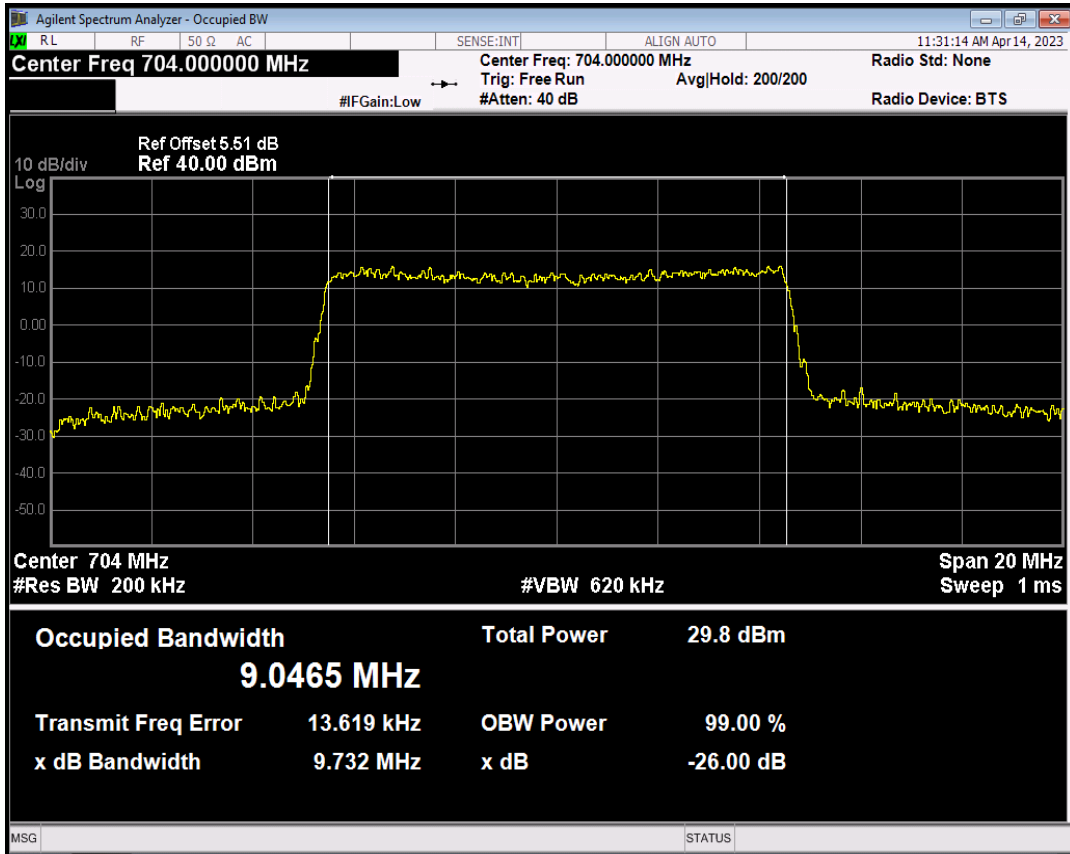


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

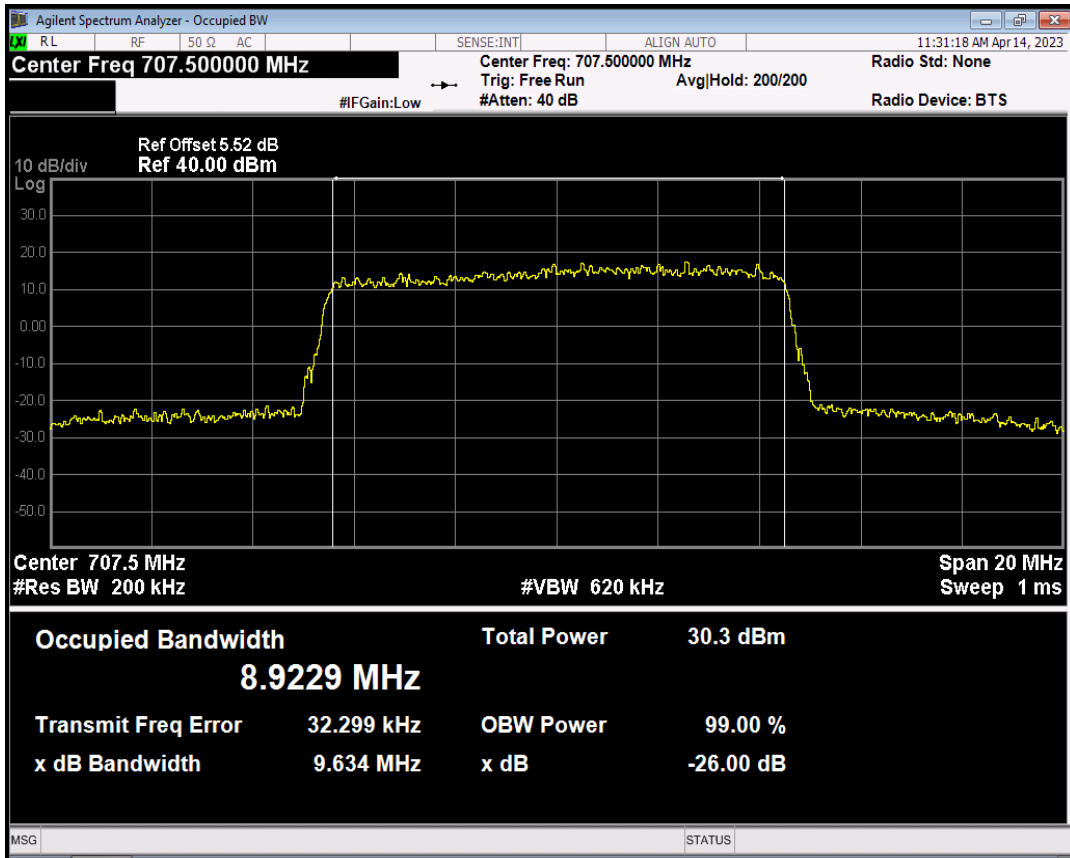




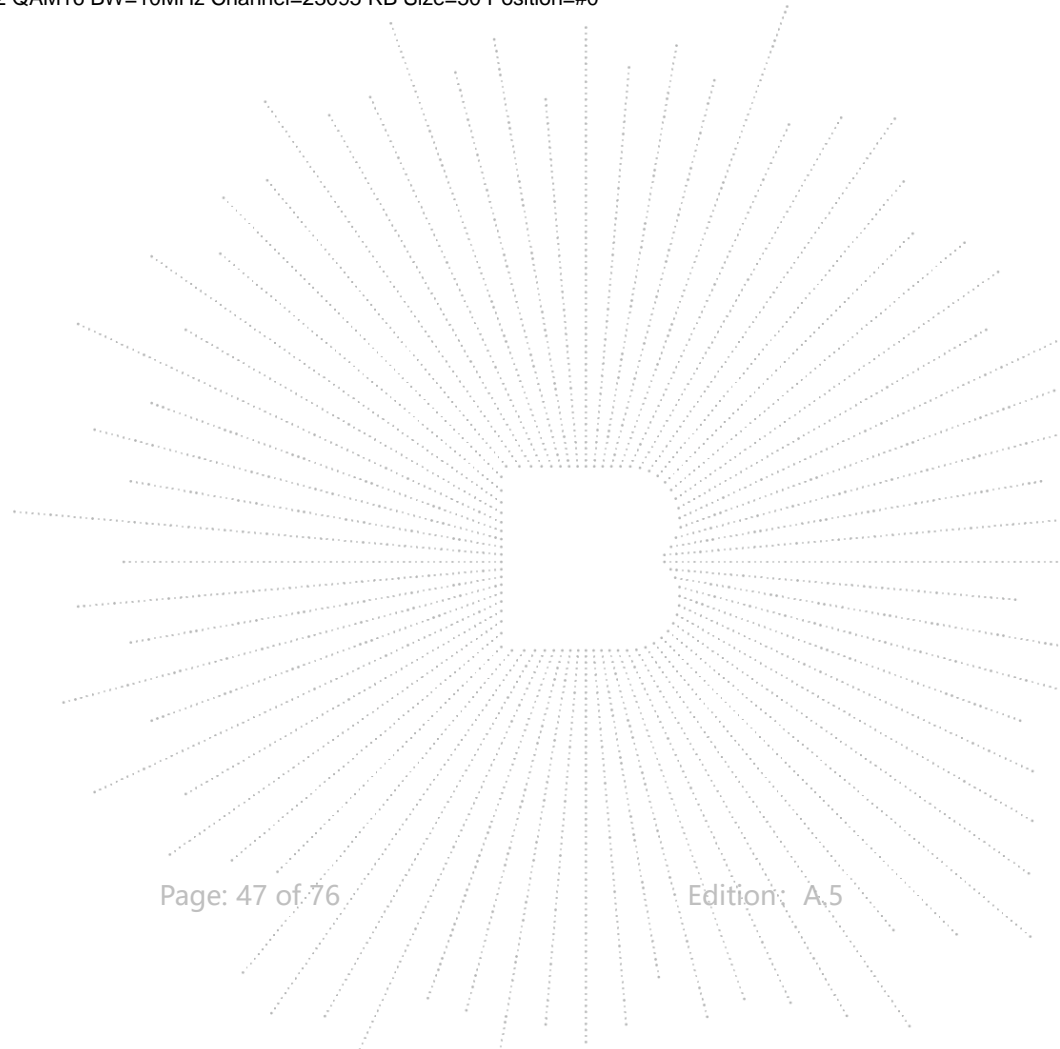
Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0



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

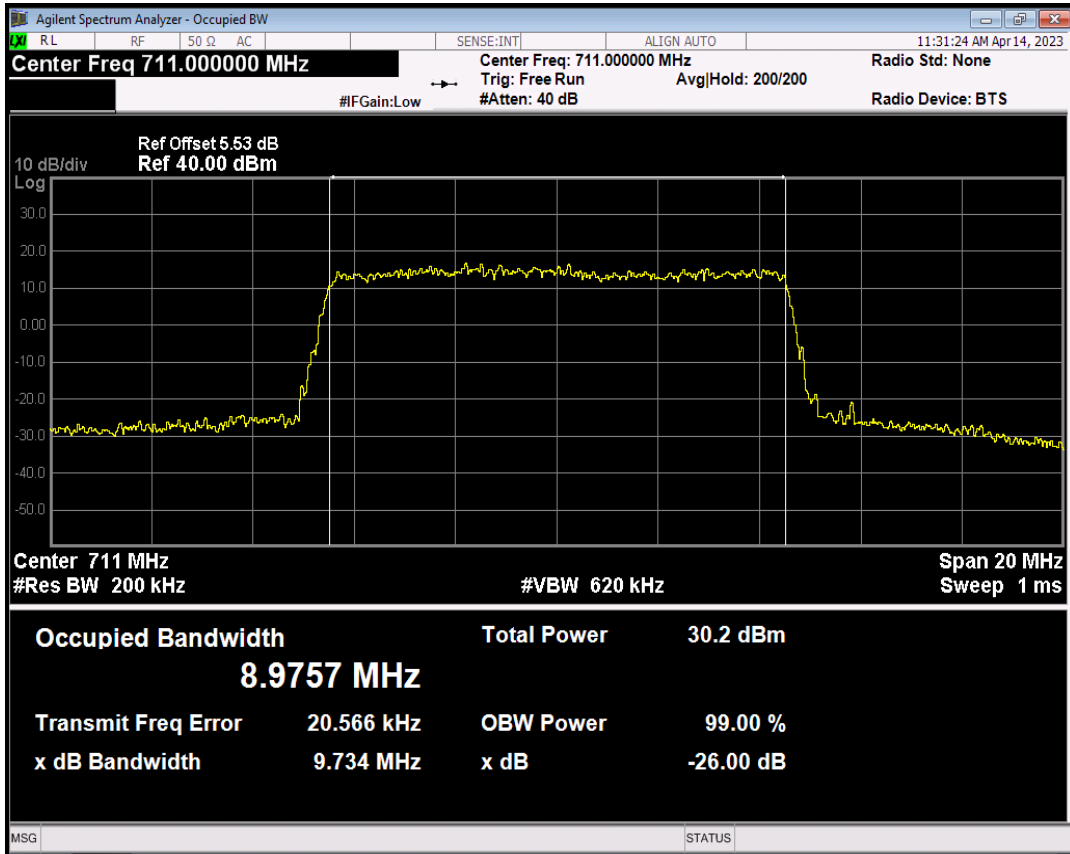


Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0

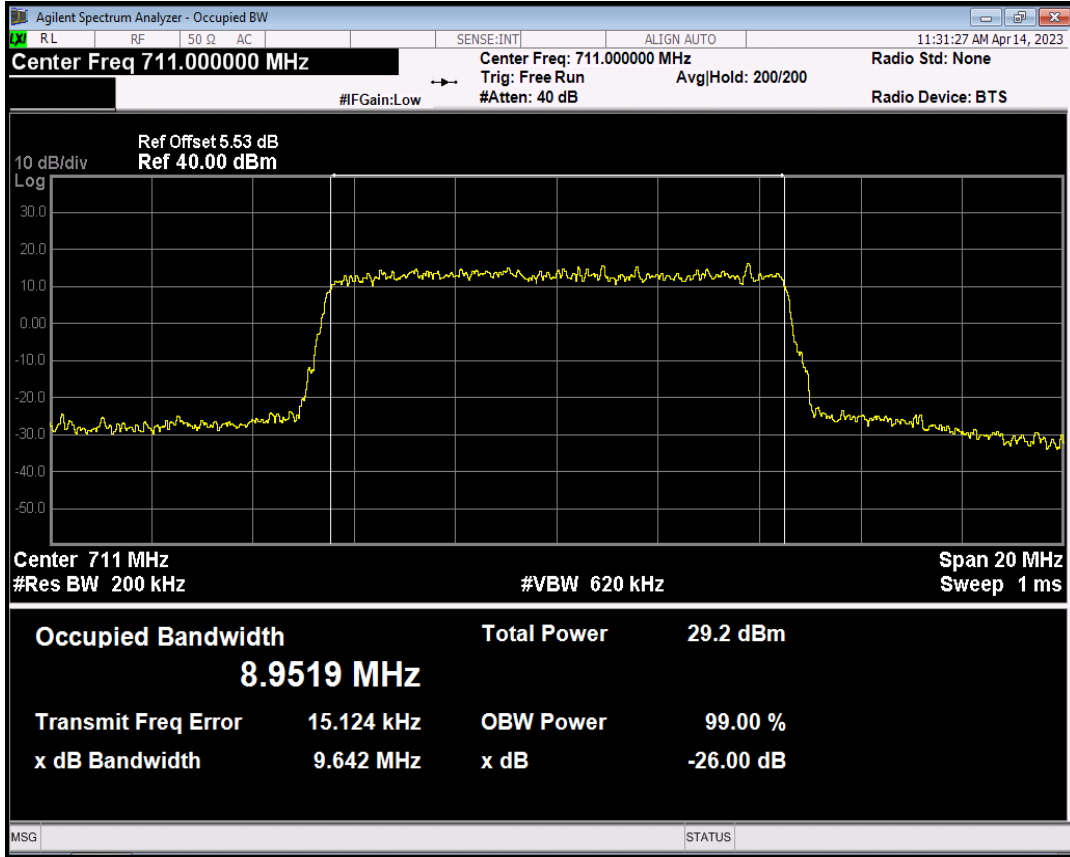




Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



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

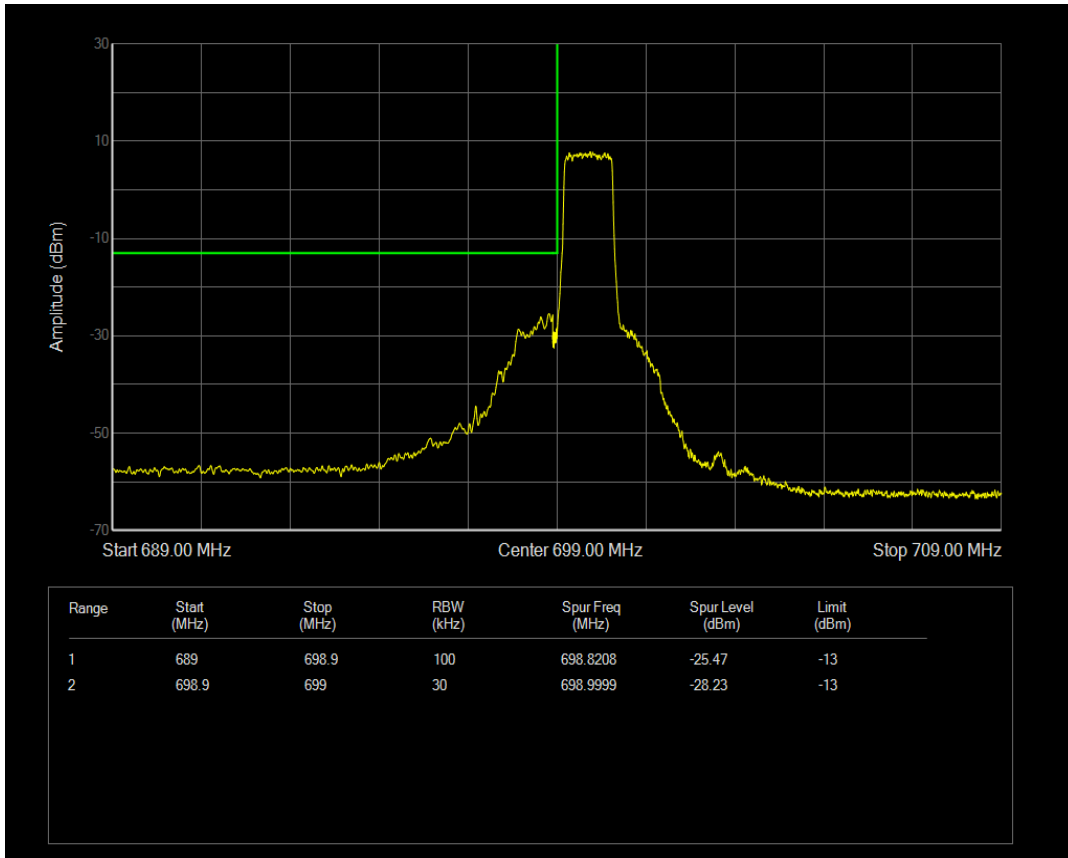


## Appendix 5. Band edge

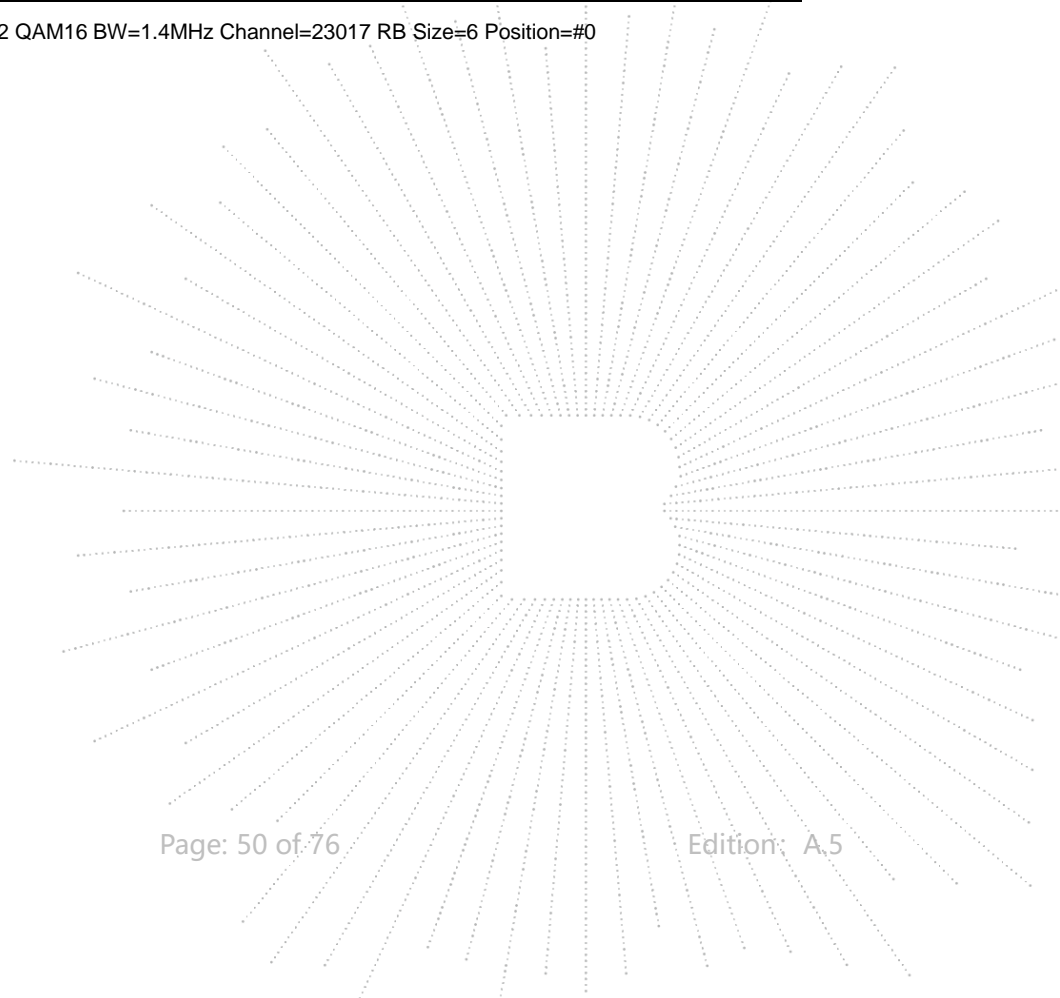
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.82	-25.47	-13	PASS
Band12	1.4	23017	6	#0	QAM16	698.85	-27.14	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.14	-27.29	-13	PASS
Band12	1.4	23173	6	#0	QAM16	716.13	-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

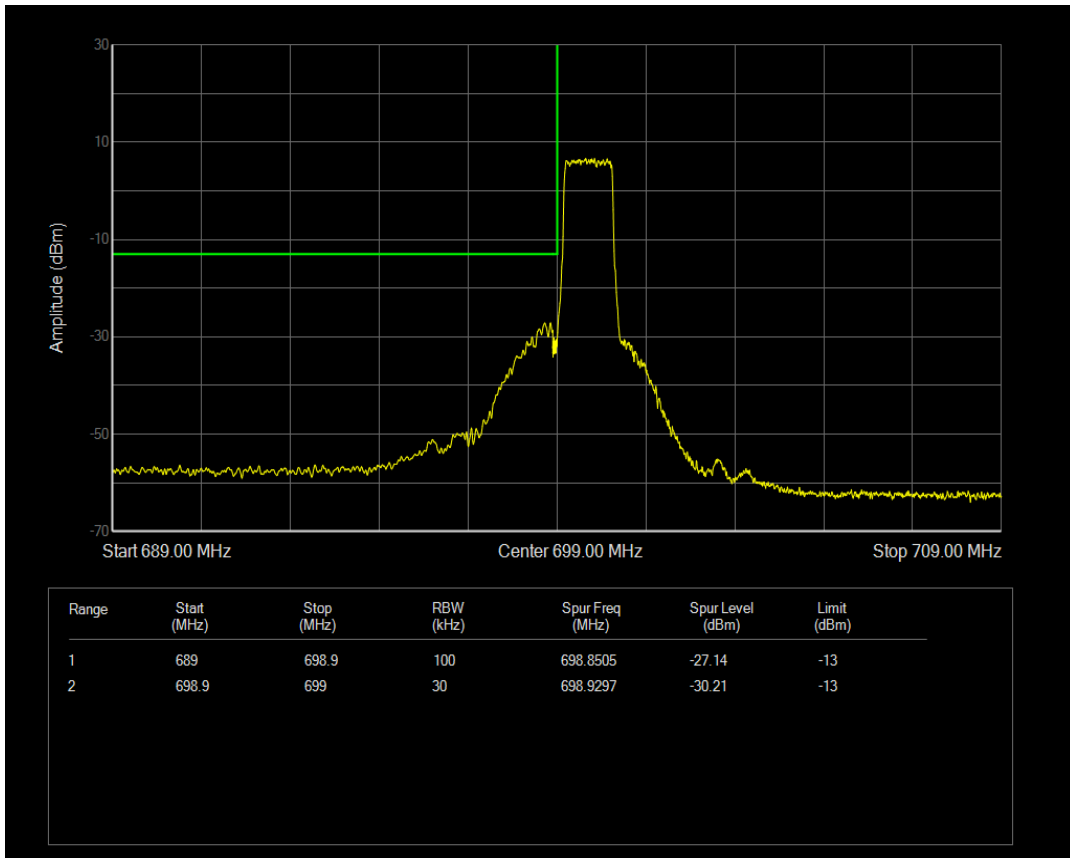
Band12	10	23130	50	#0	QAM16	716.26	-35.18	-13	PASS
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Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0

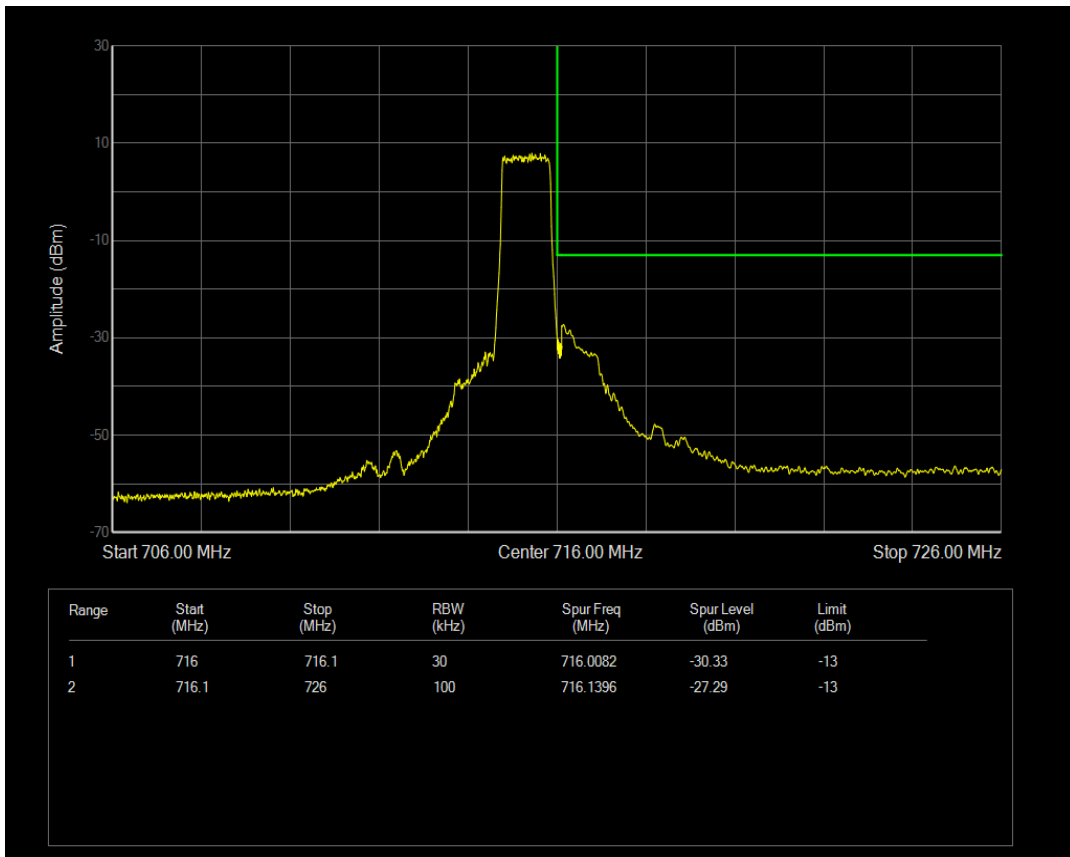


Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0





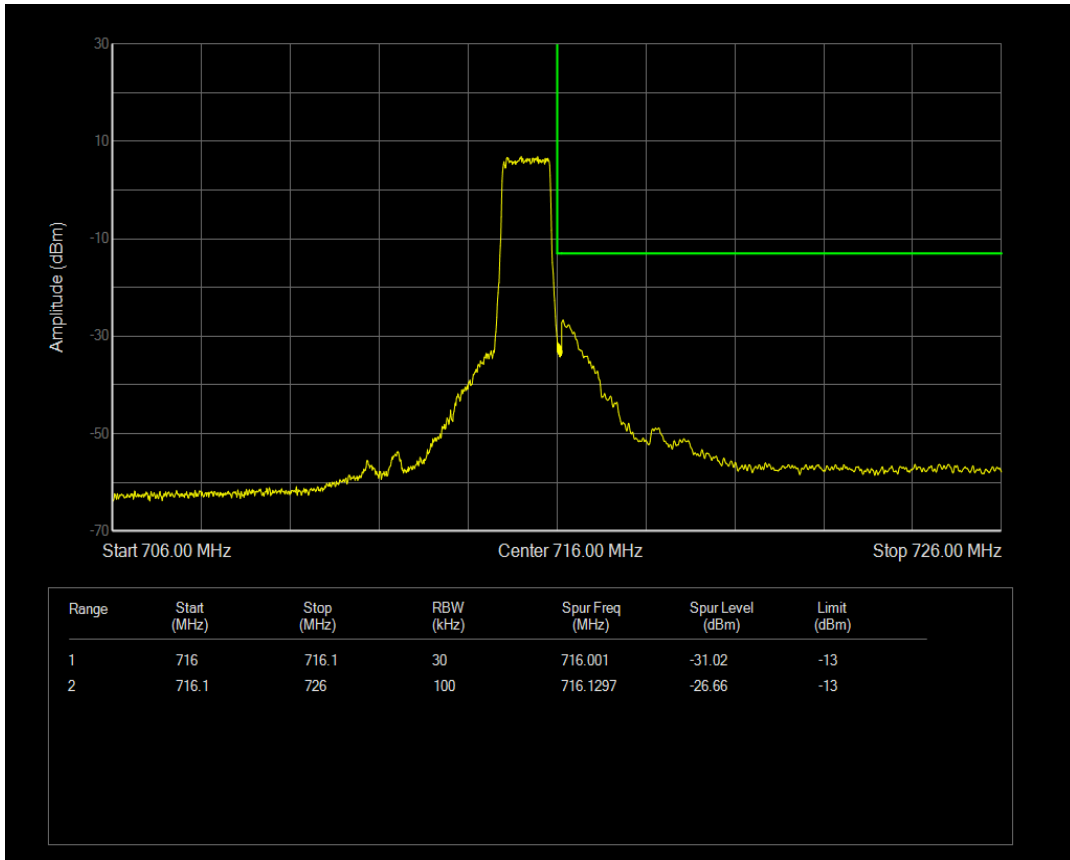
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



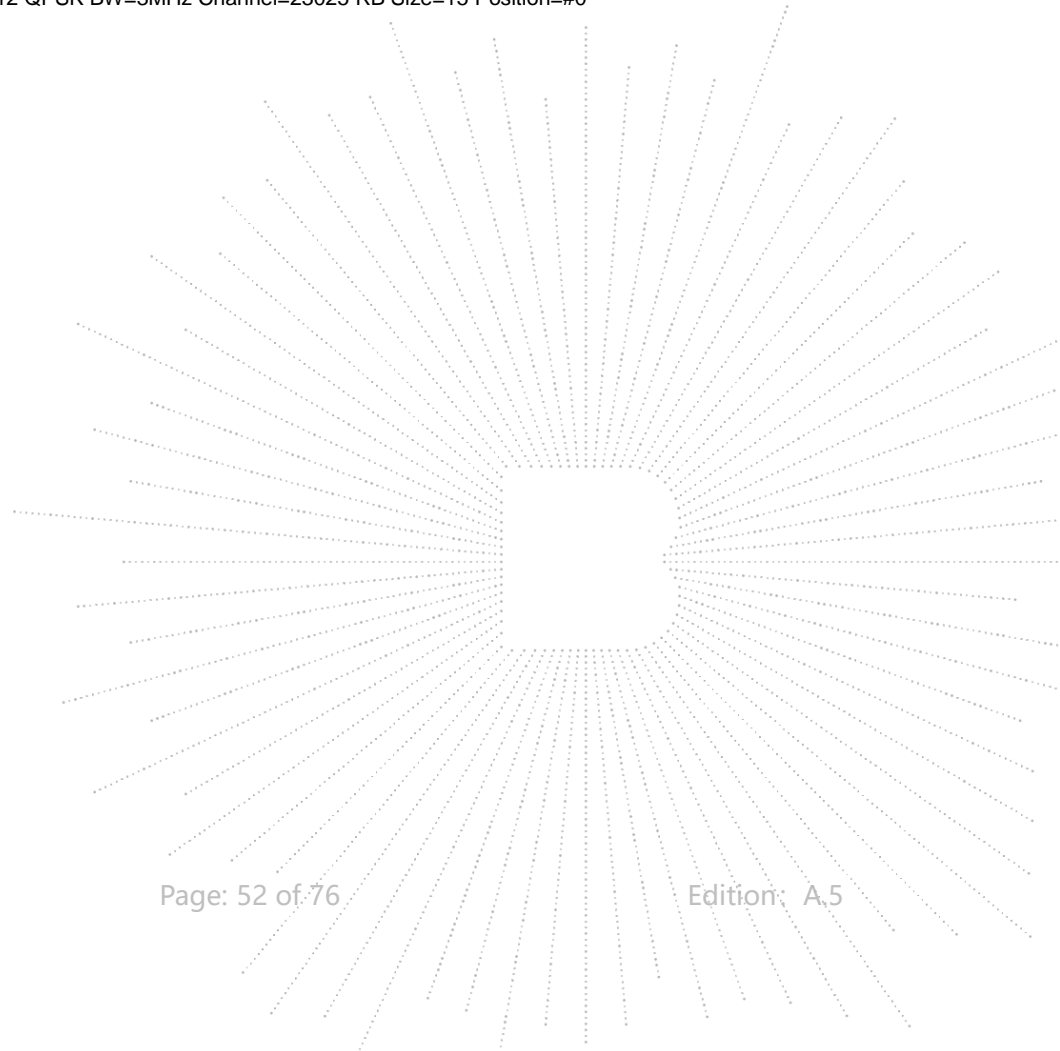


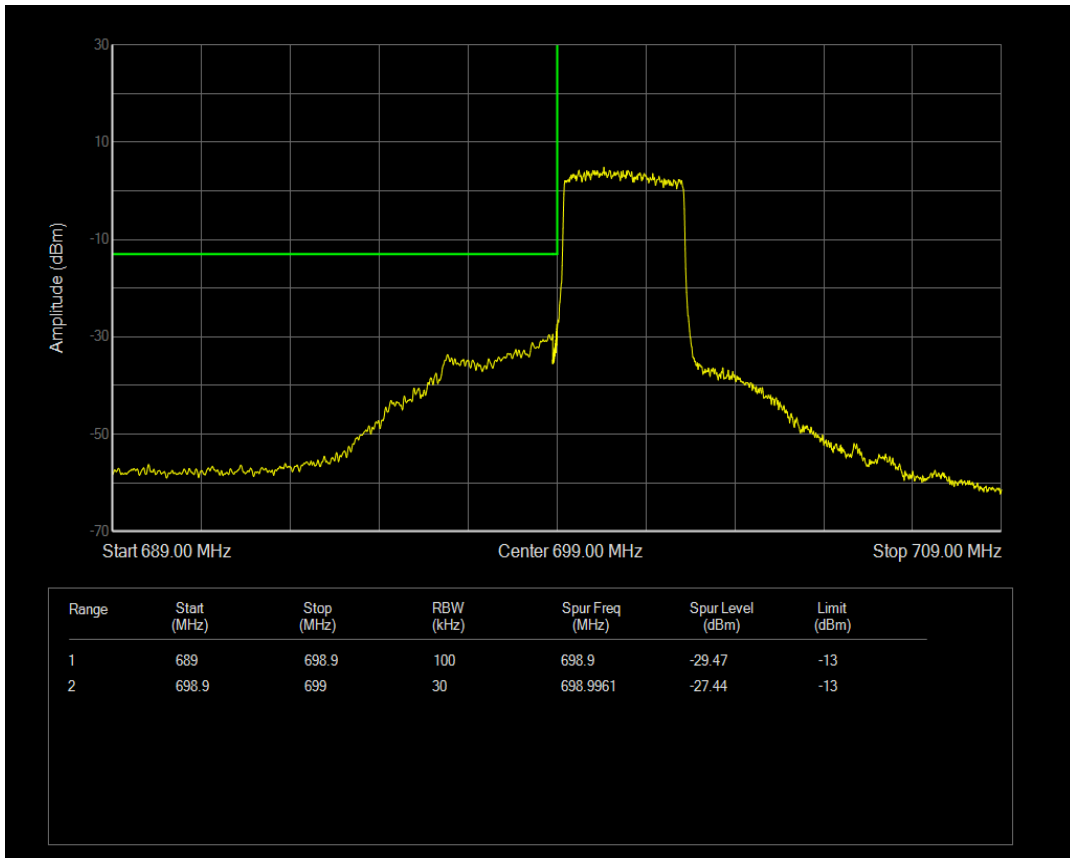


Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0

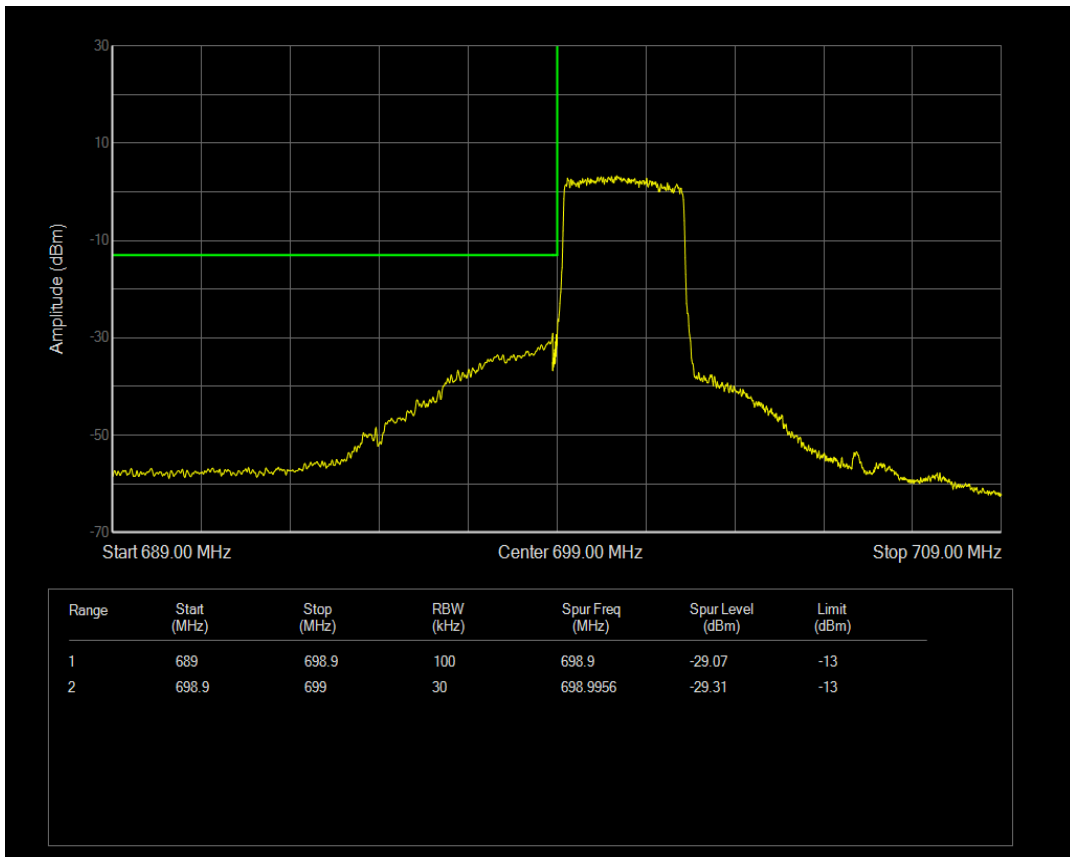


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



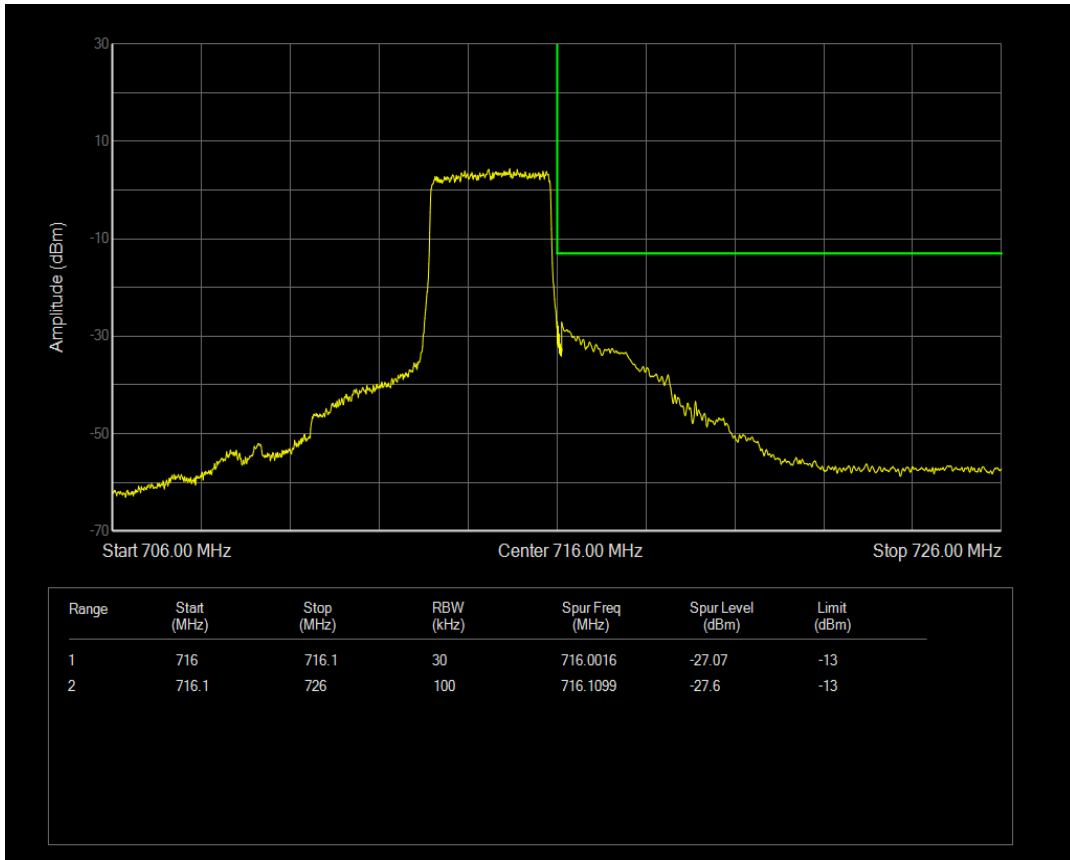


Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0

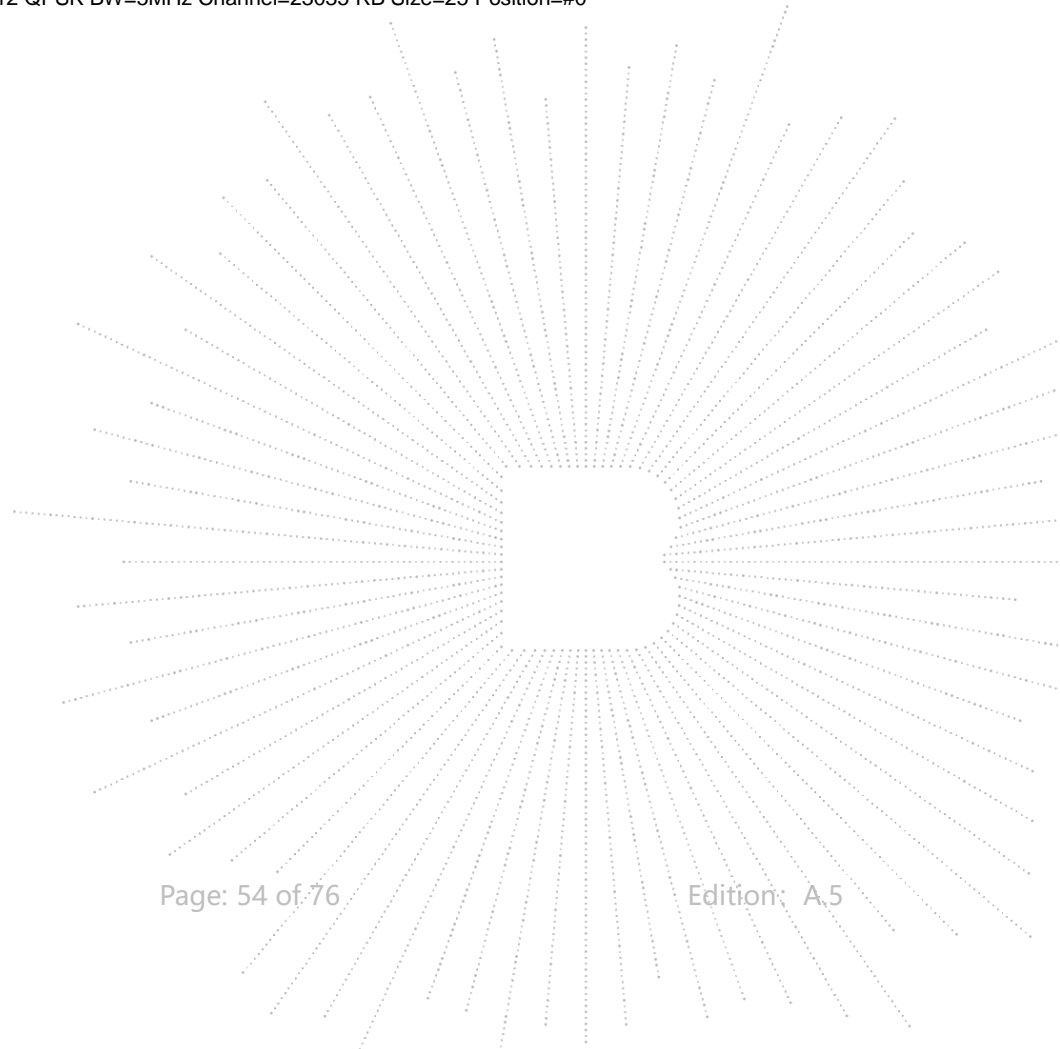


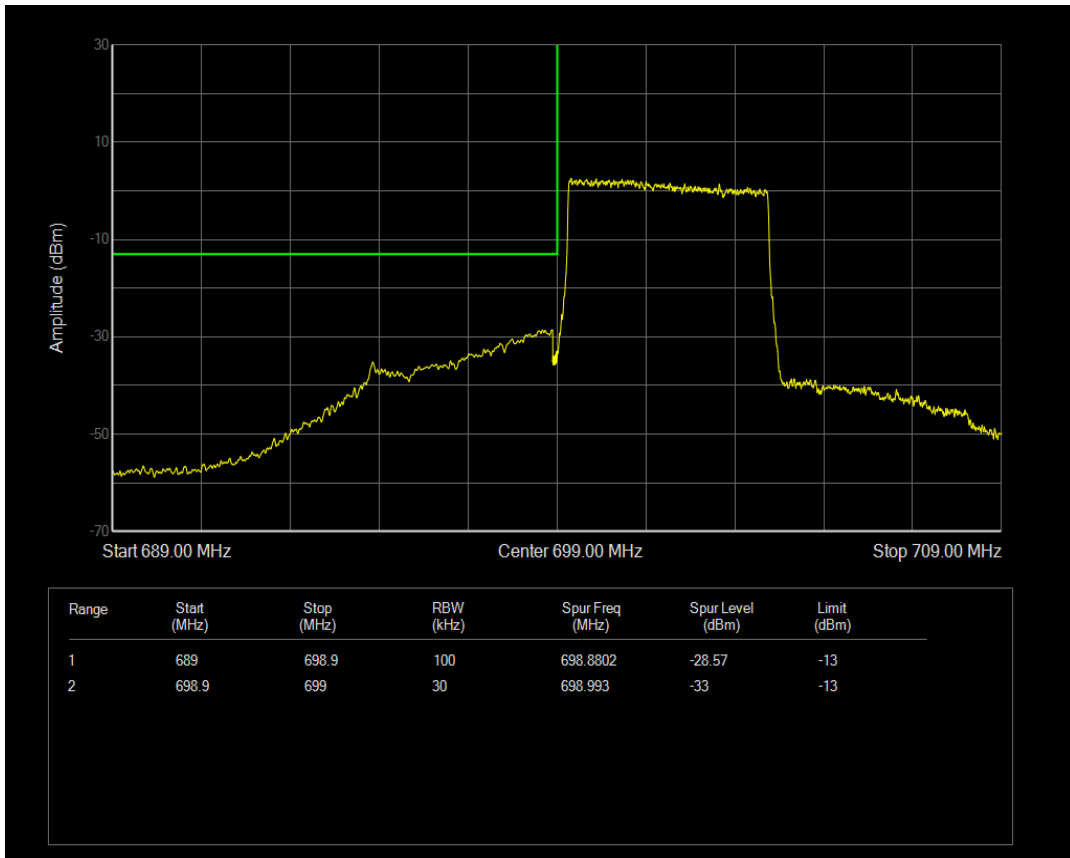


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

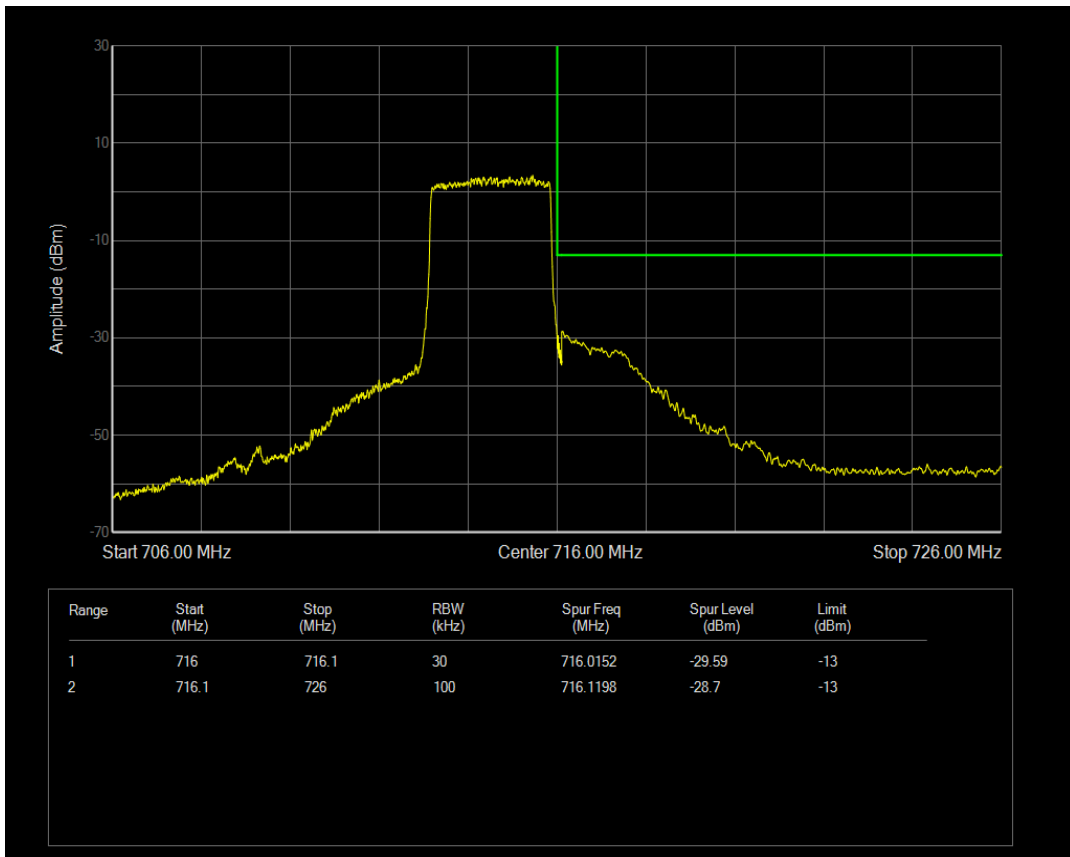


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



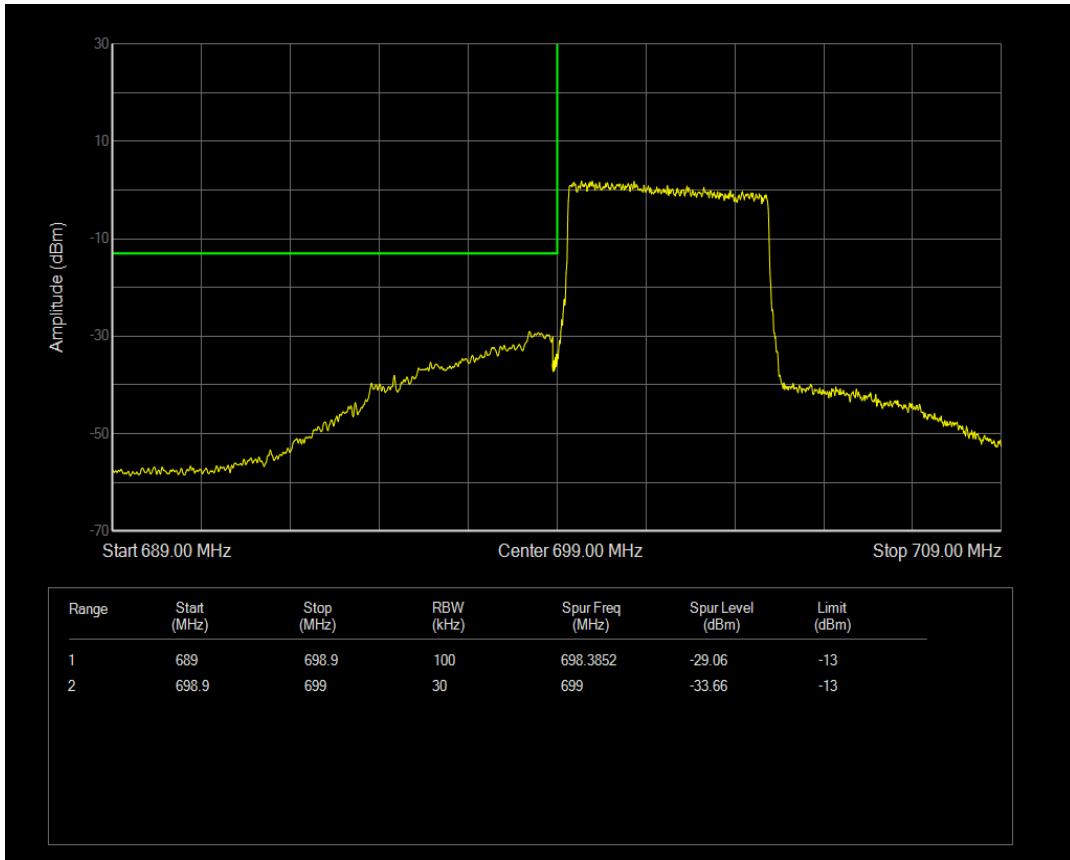


Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0

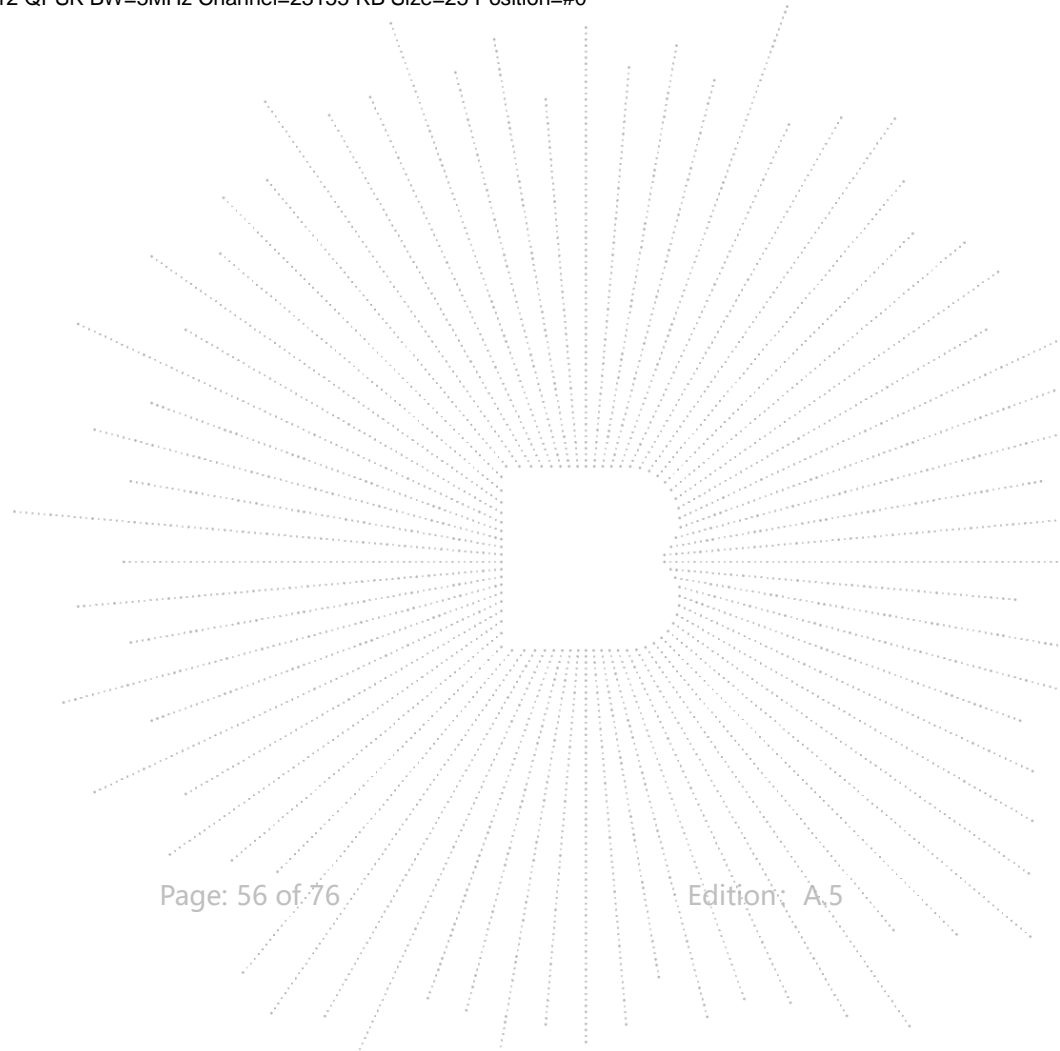


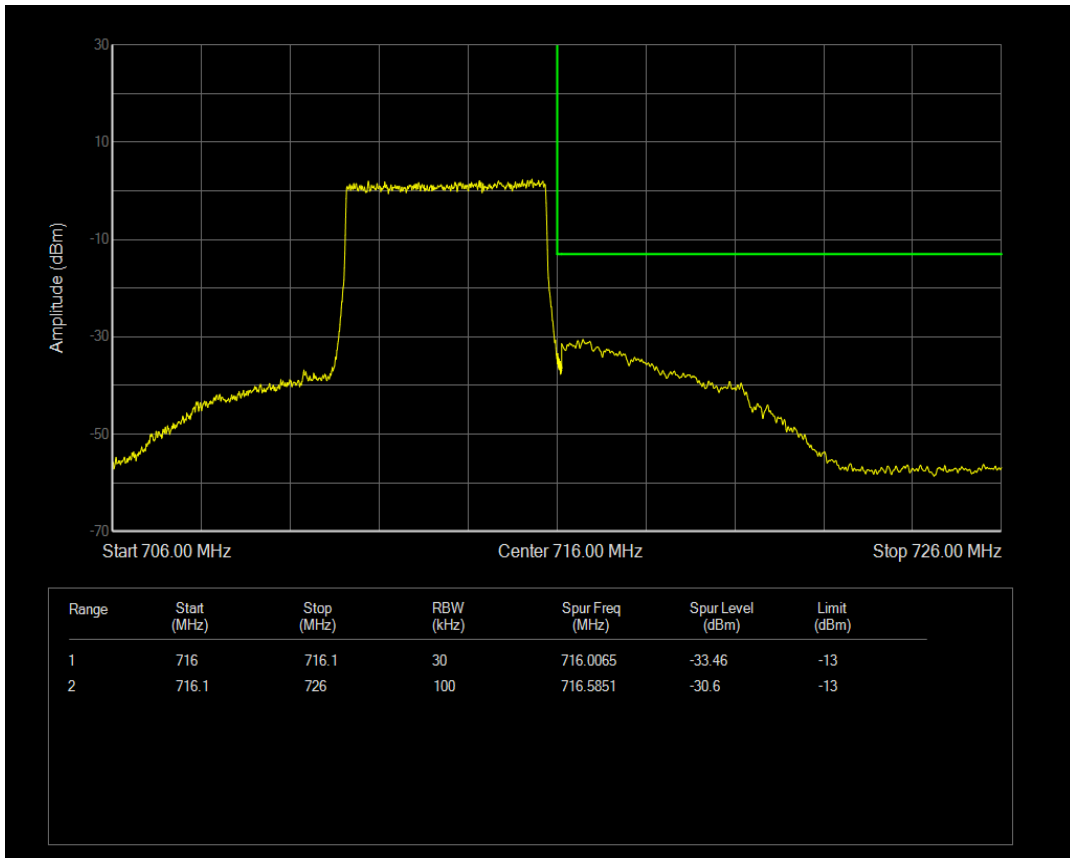


Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0

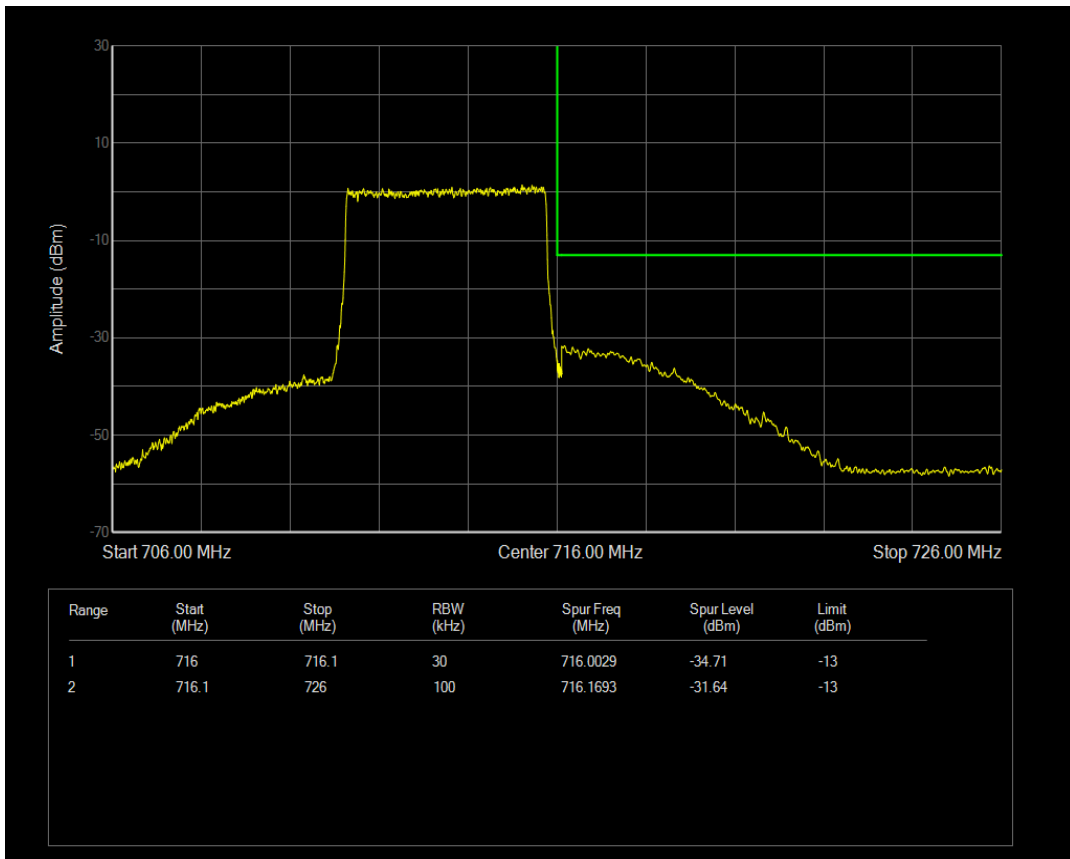


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



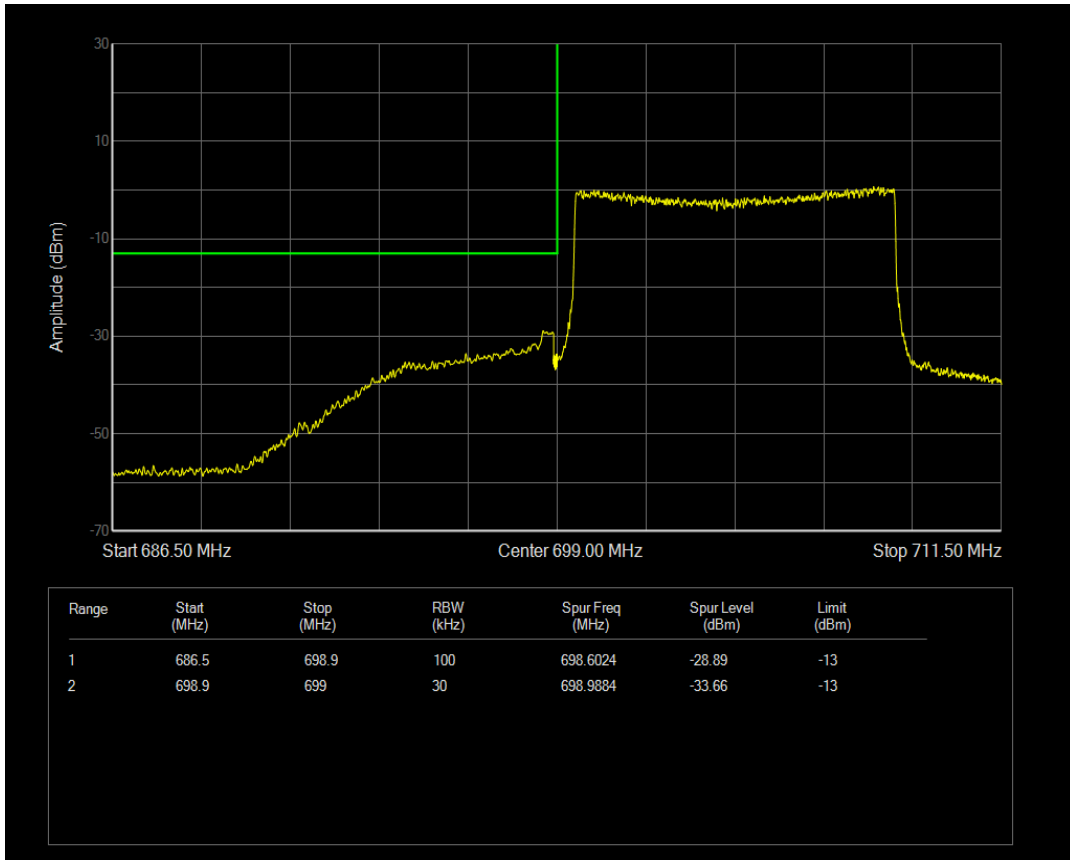


Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0

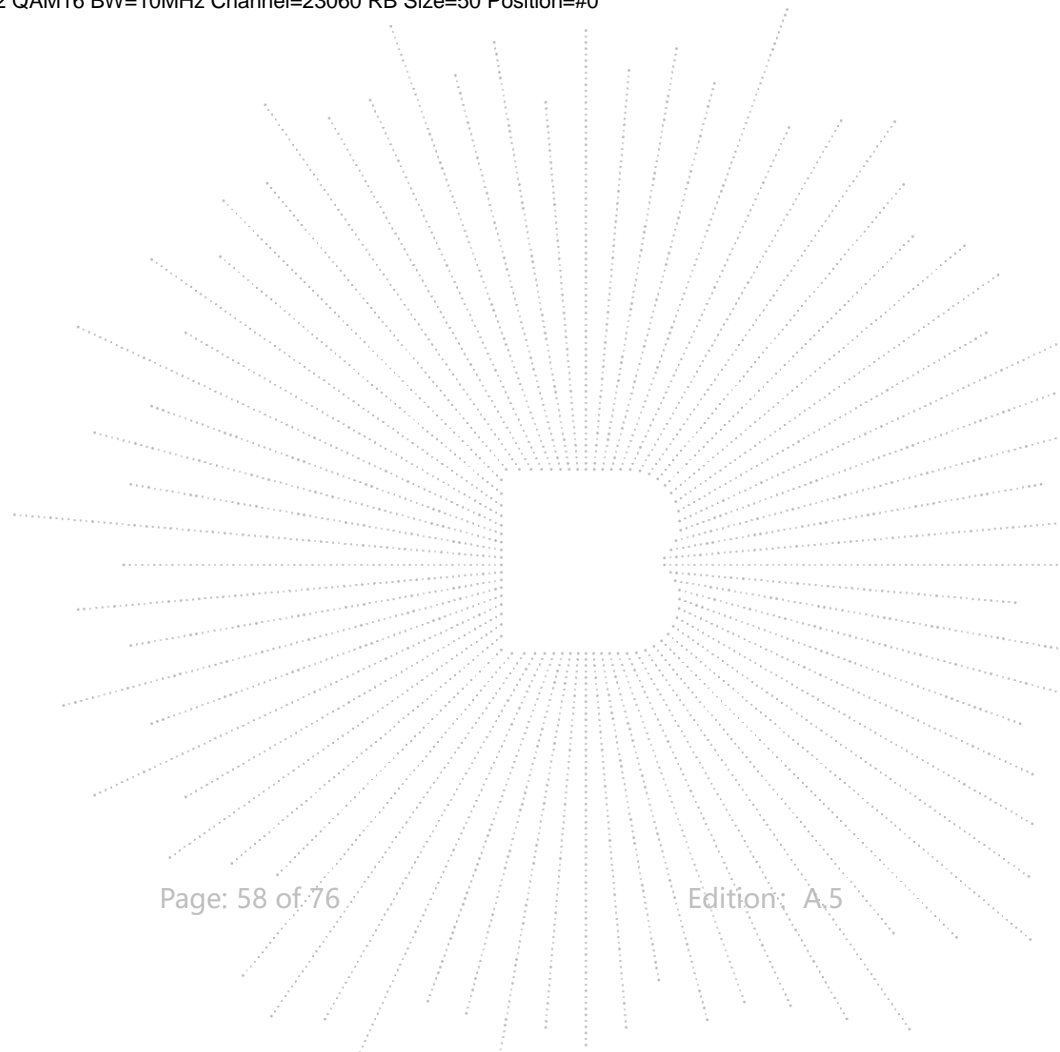


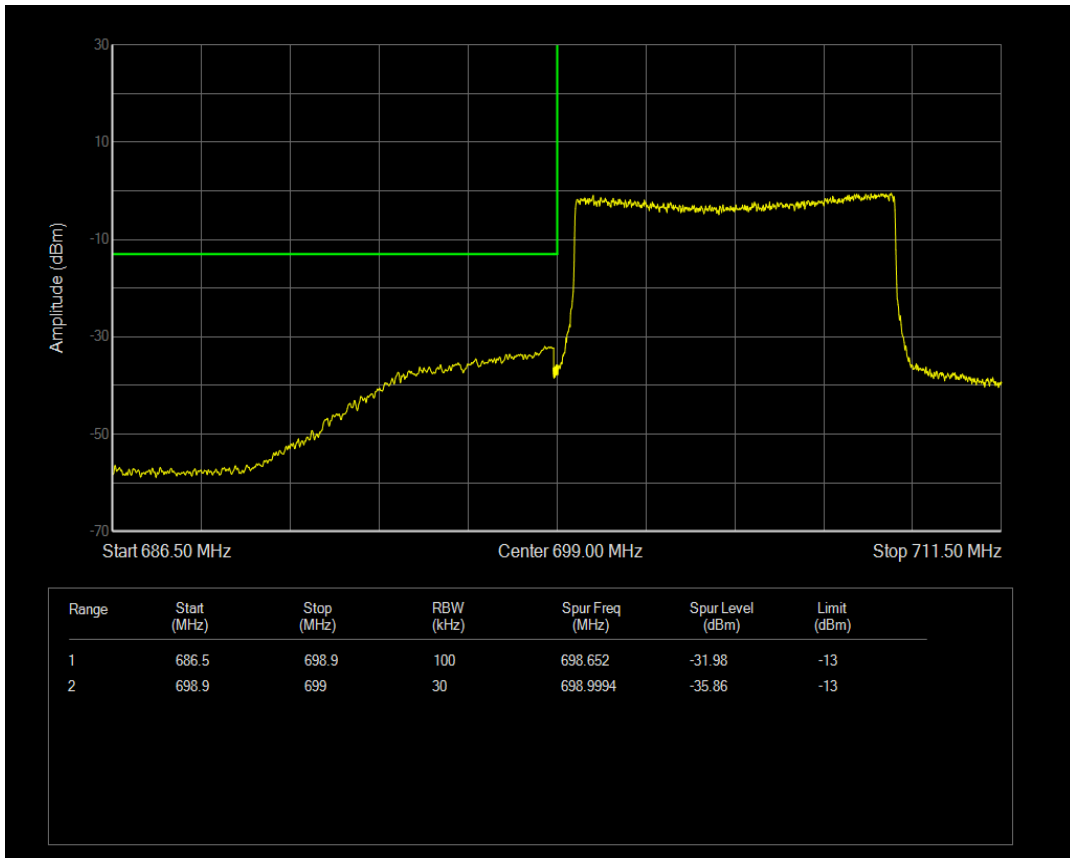


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

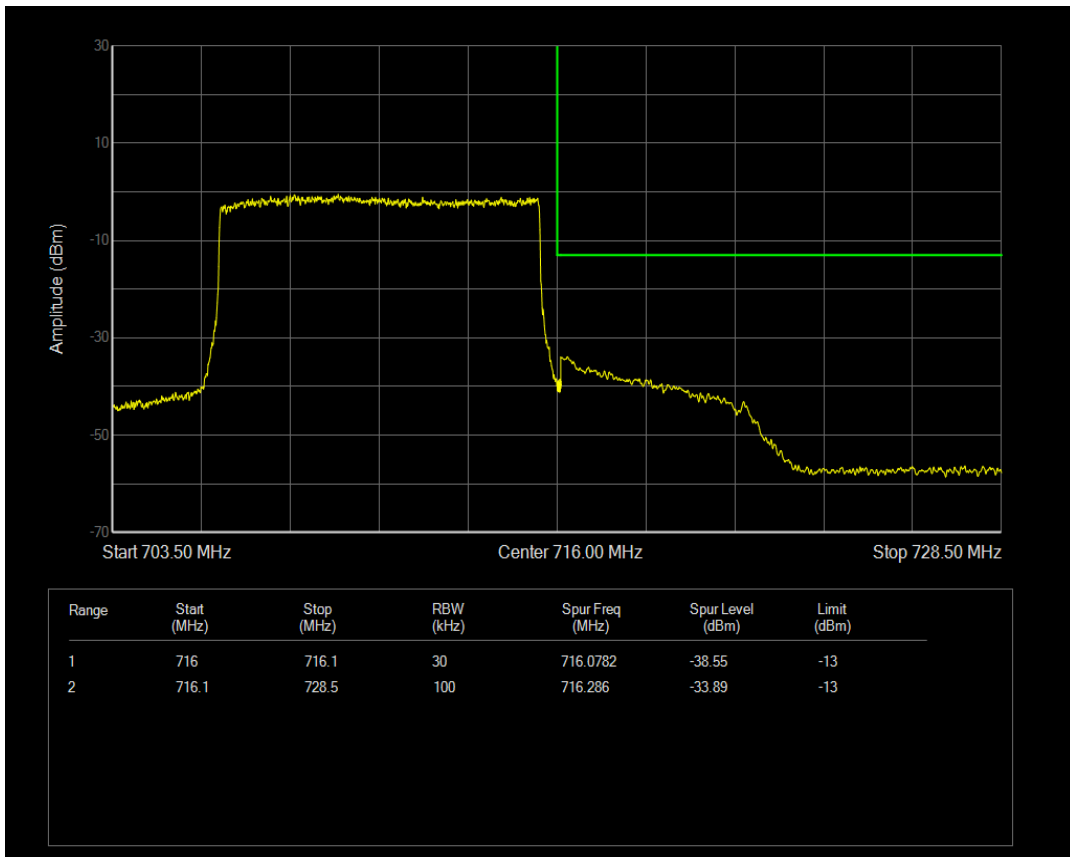


Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0





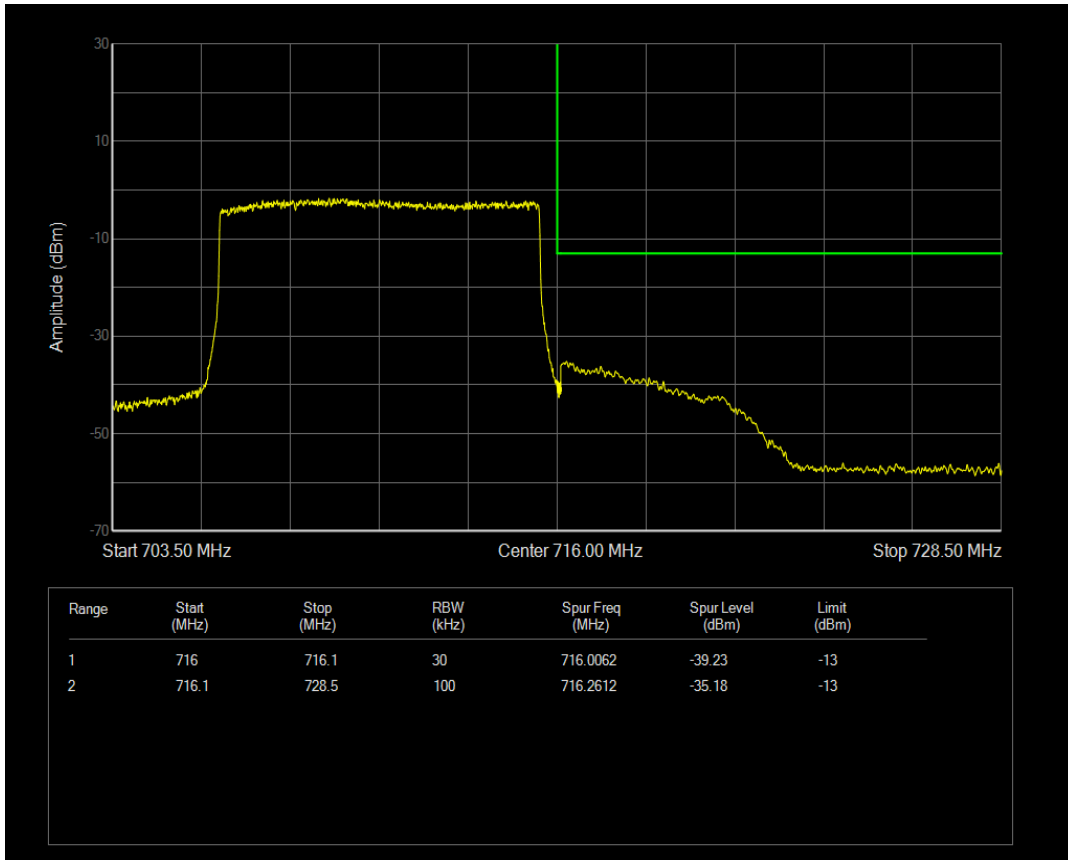
Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0







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

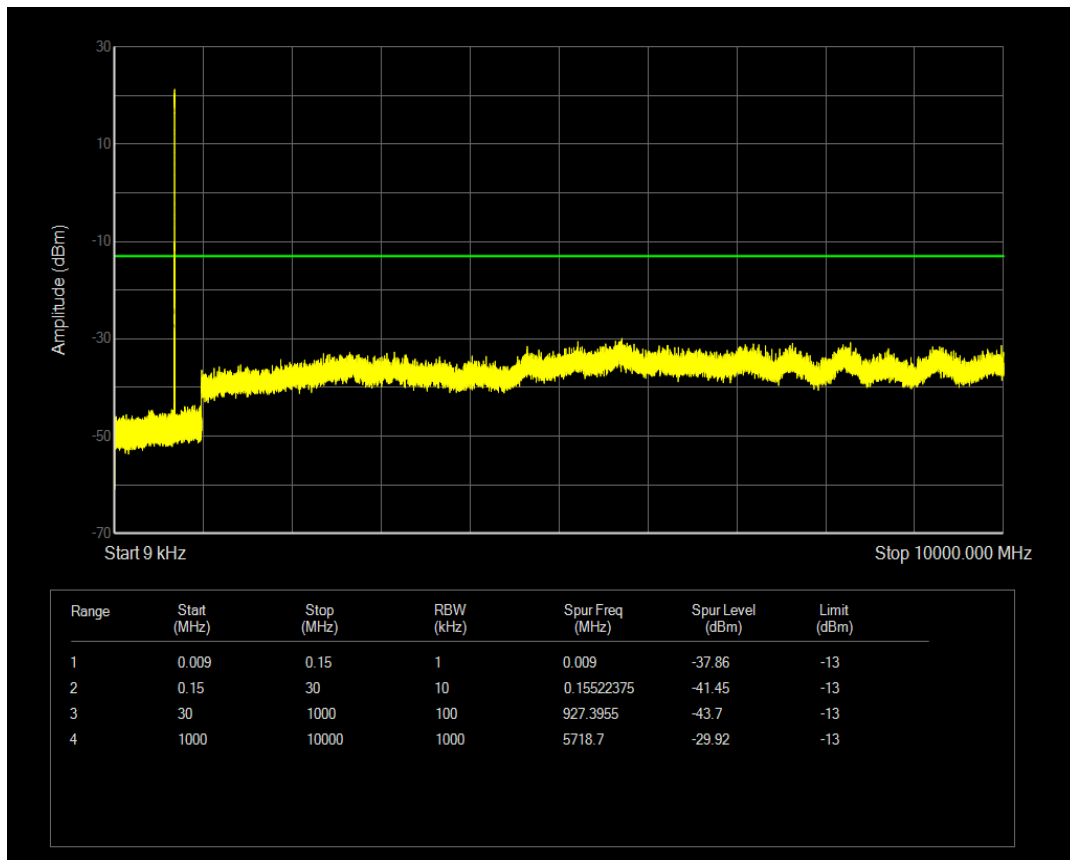


### Appendix 6. Out-of-band emissions

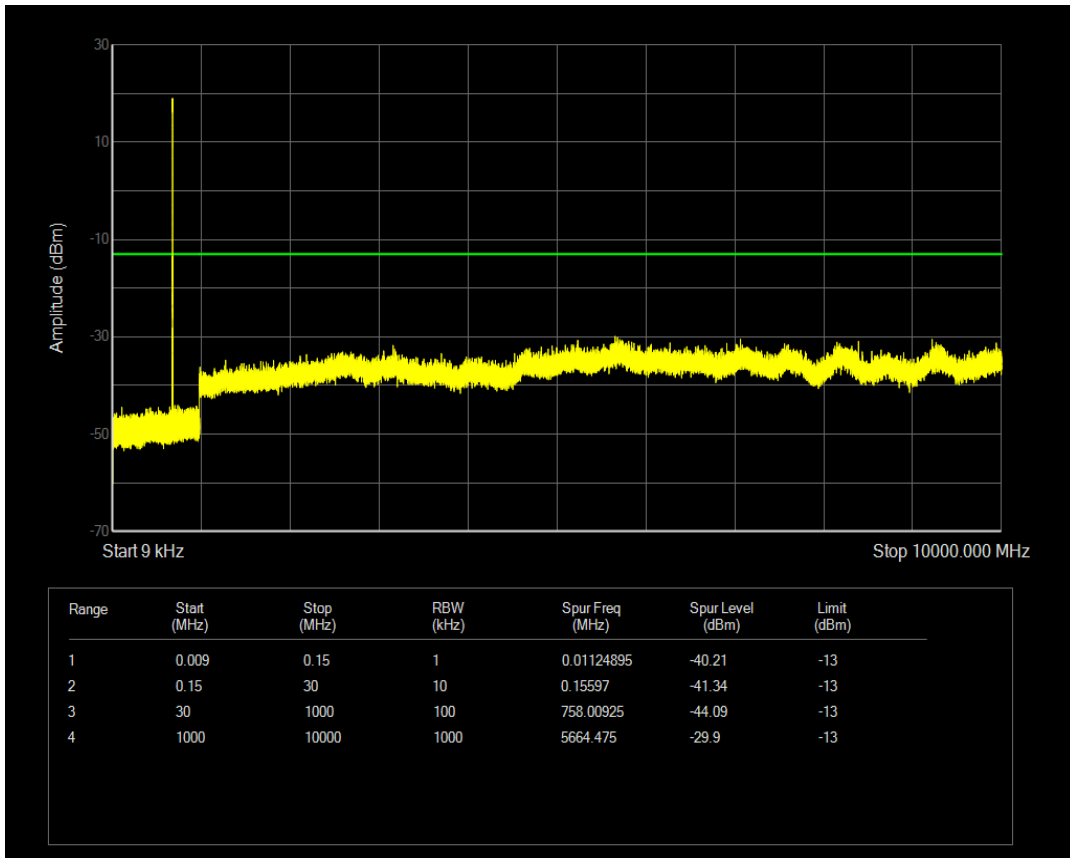
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	5718.70	-29.92	-13	PASS
Band12	1.4	23017	6	#0	QAM16	5664.48	-29.90	-13	PASS
Band12	1.4	23095	6	#0	QPSK	5639.50	-29.68	-13	PASS
Band12	1.4	23095	6	#0	QAM16	5770.00	-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

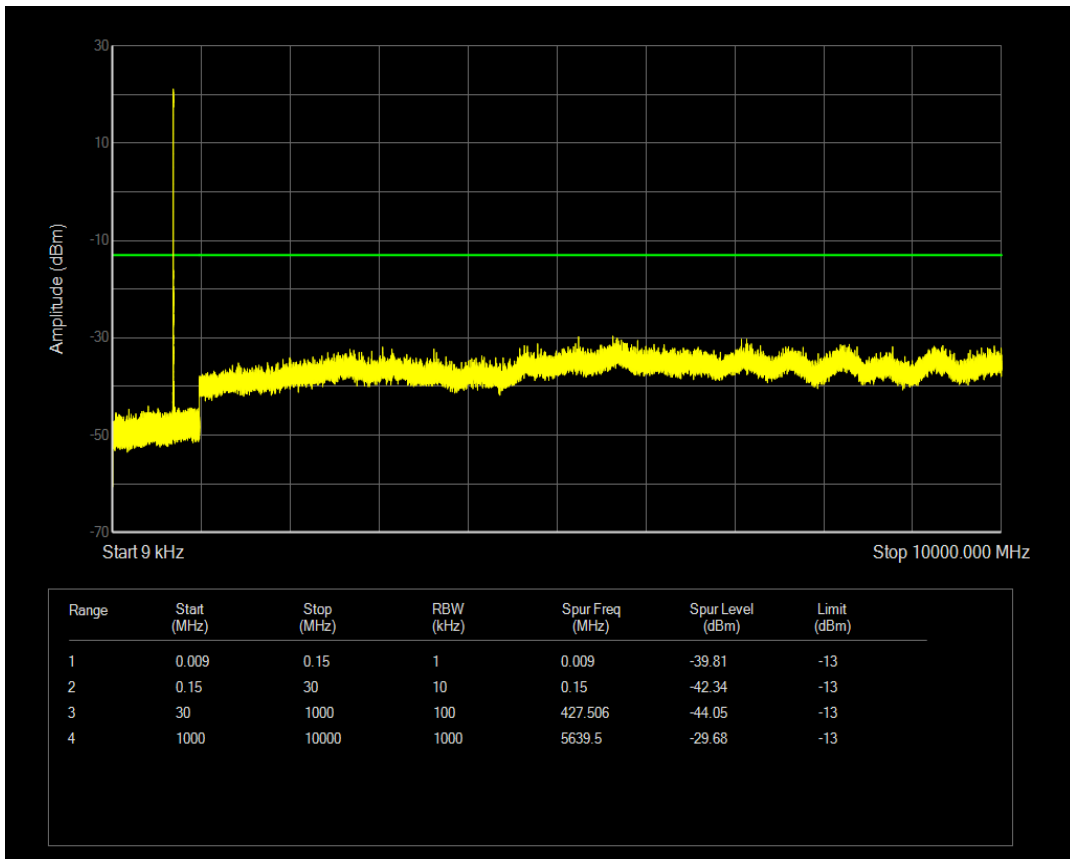
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



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

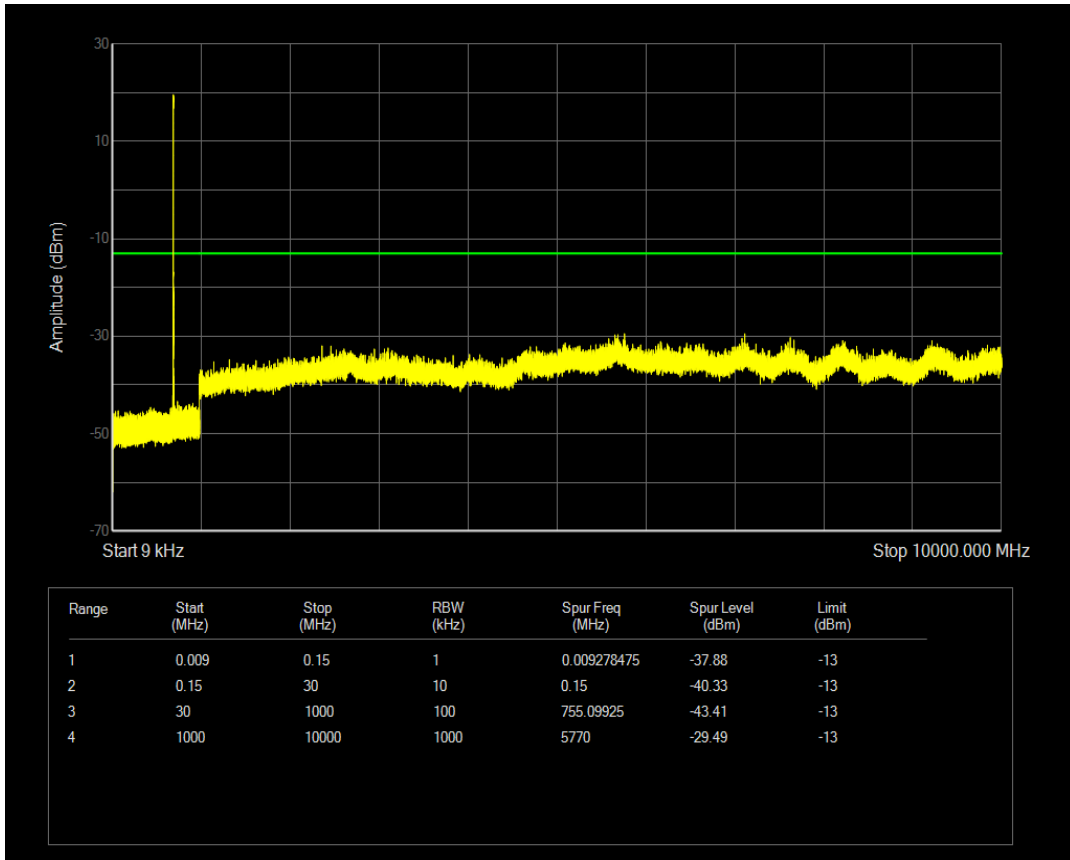


Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0

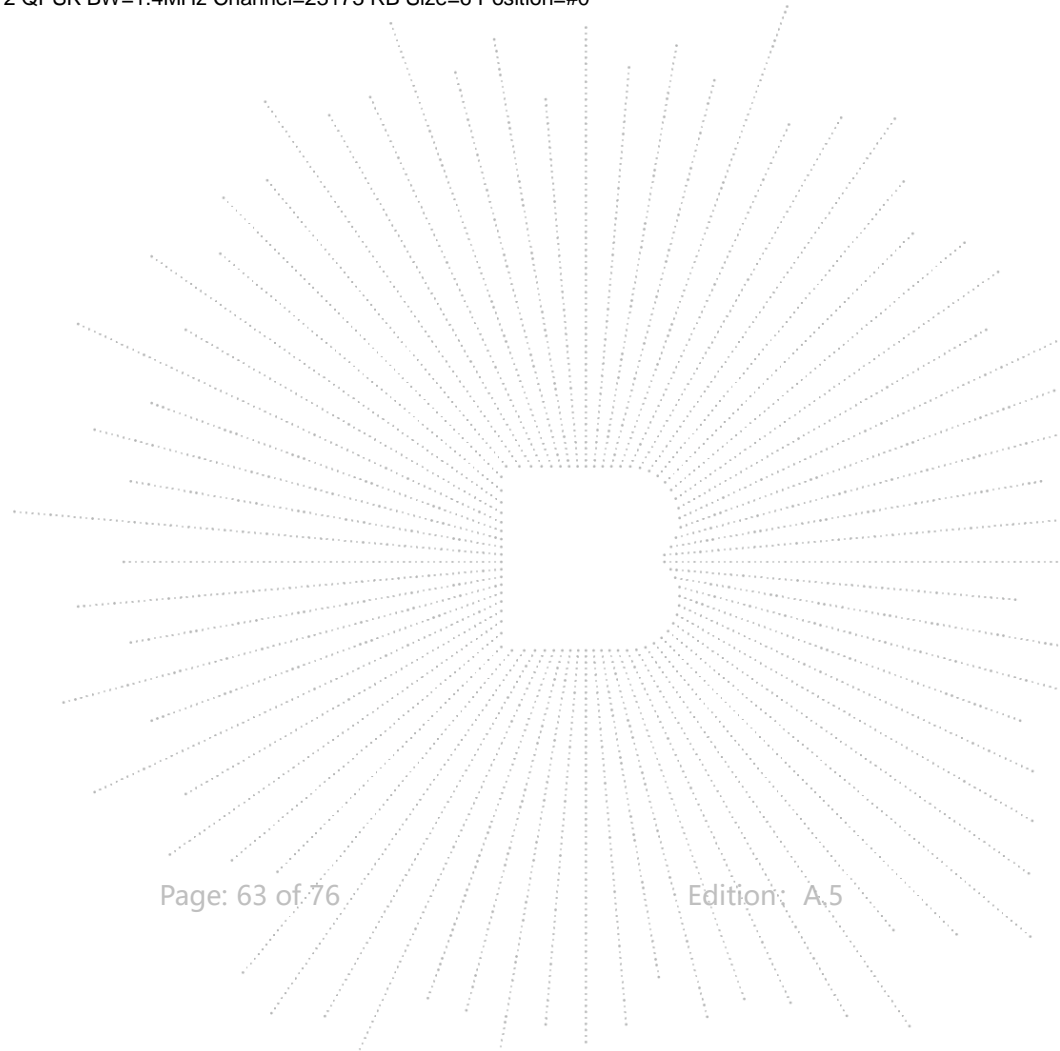


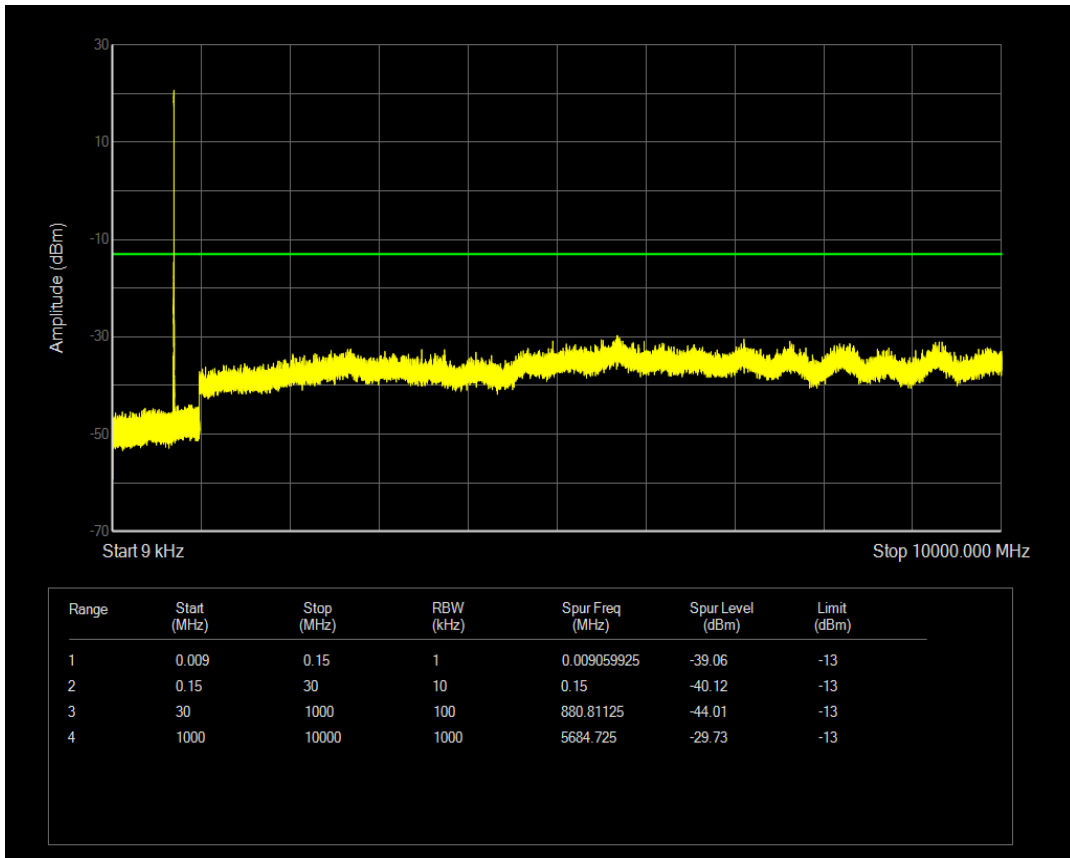


Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0

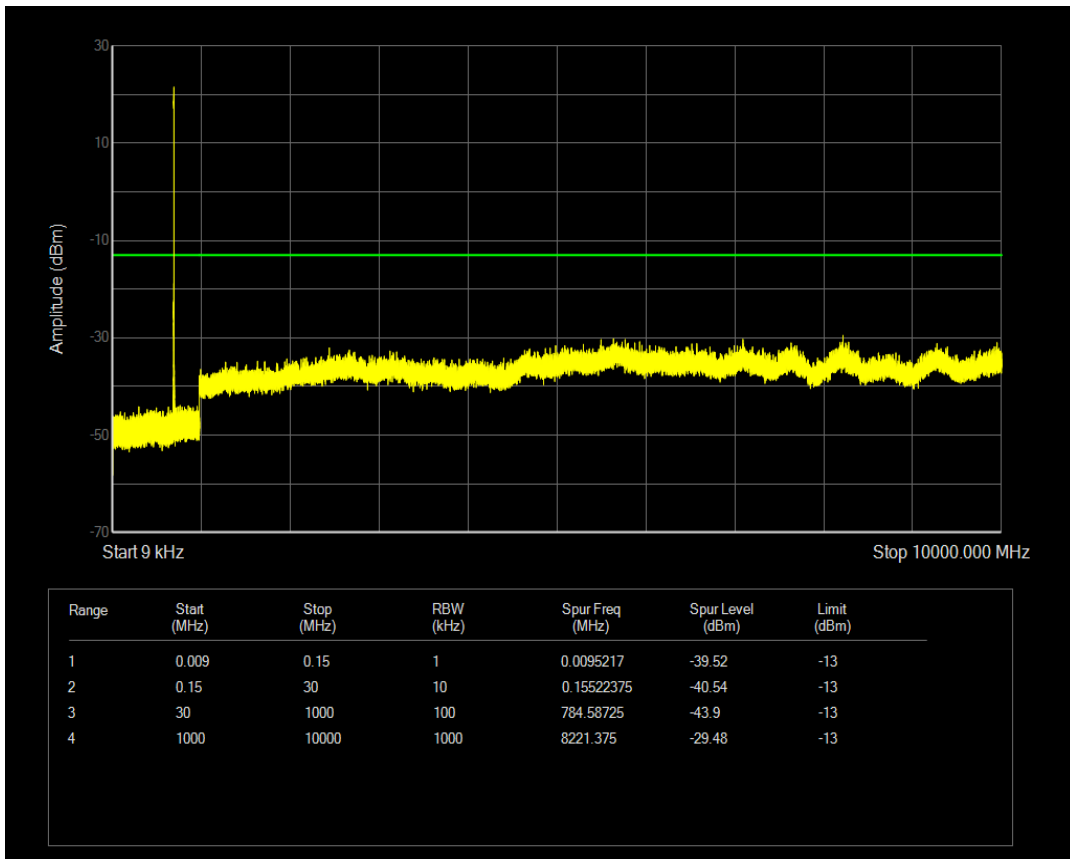


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



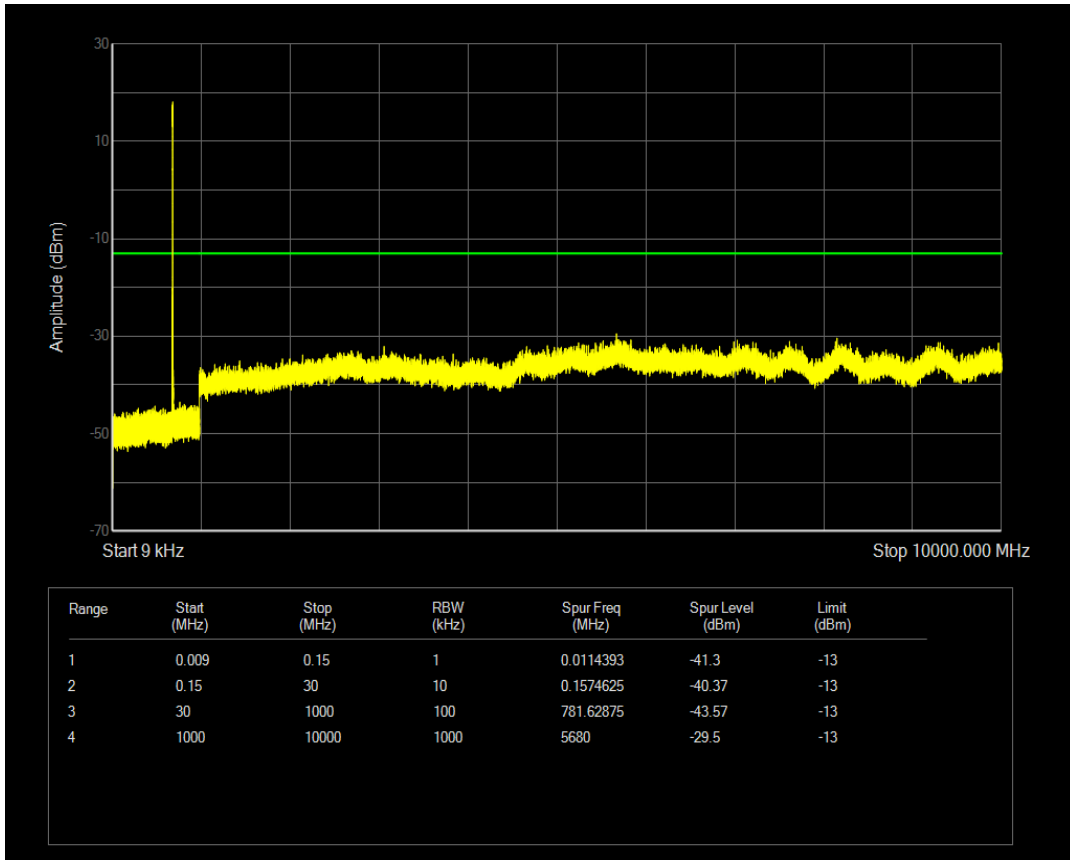


Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0

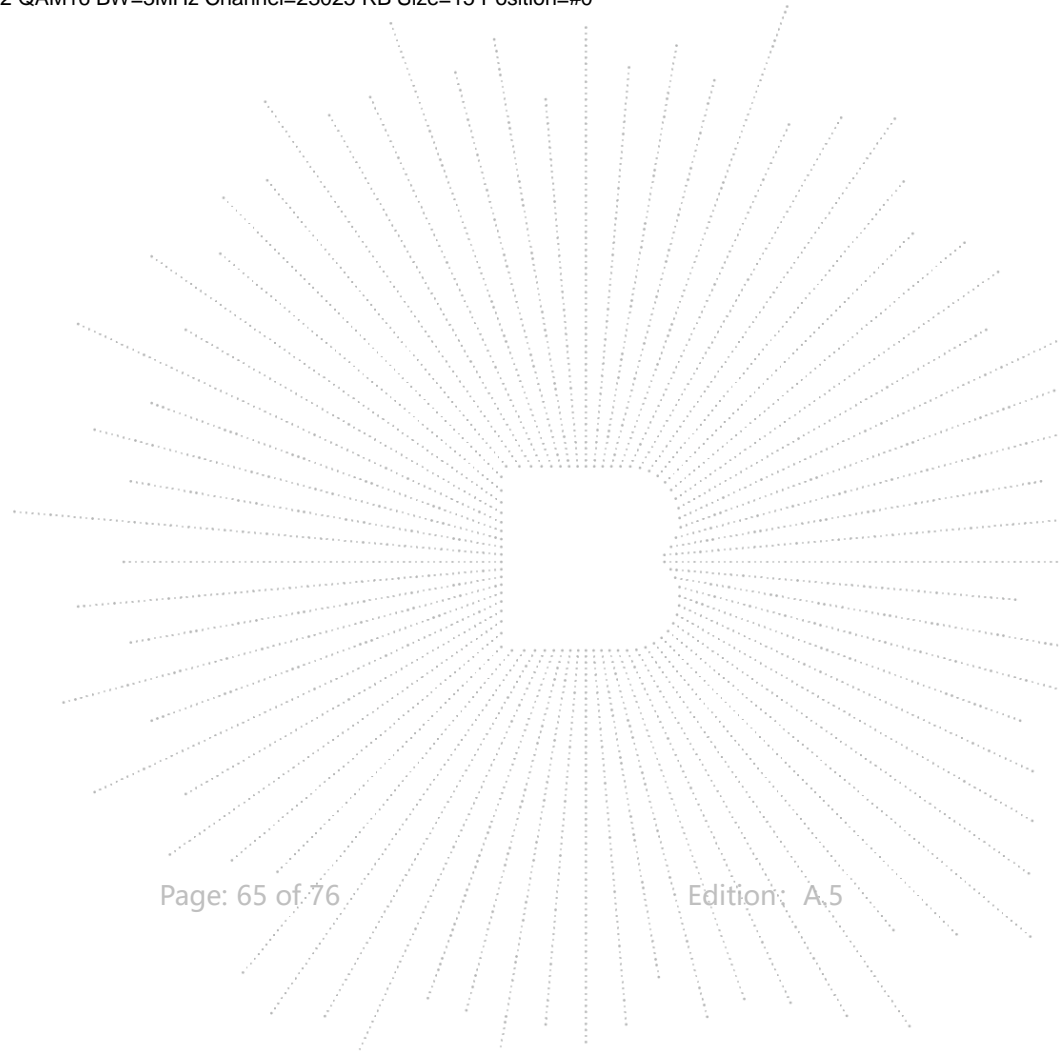


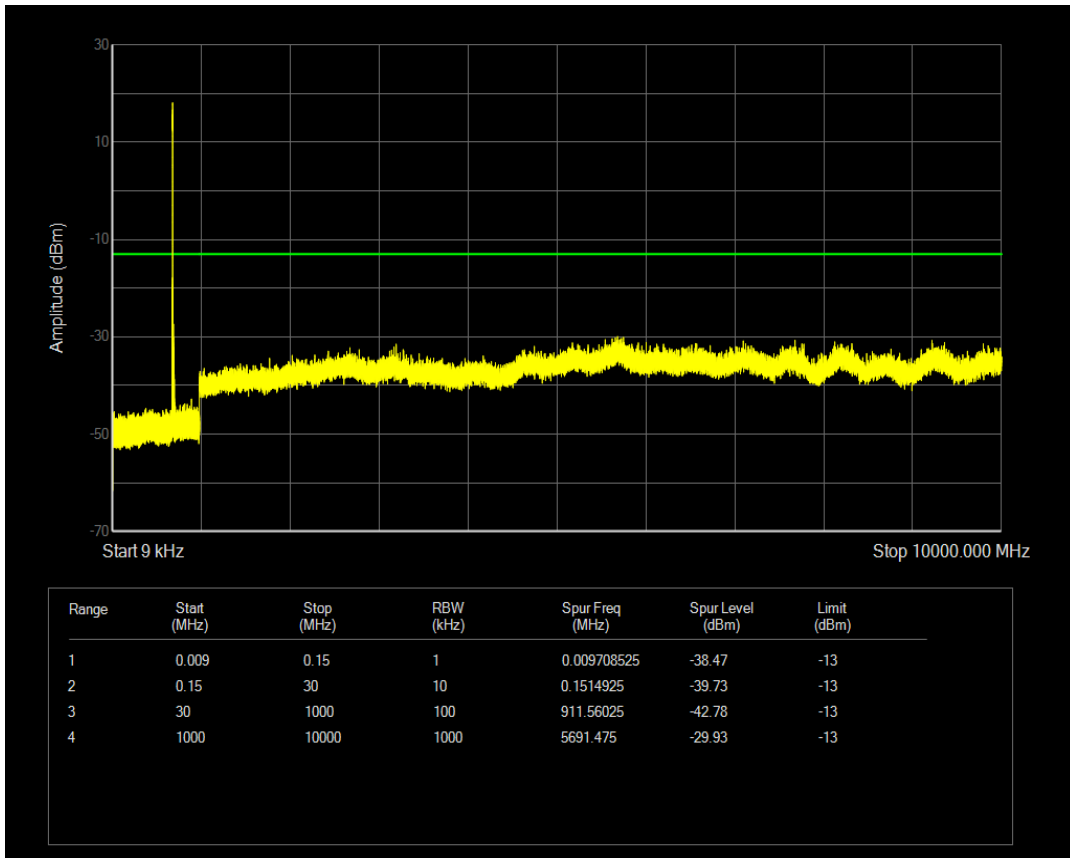


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0

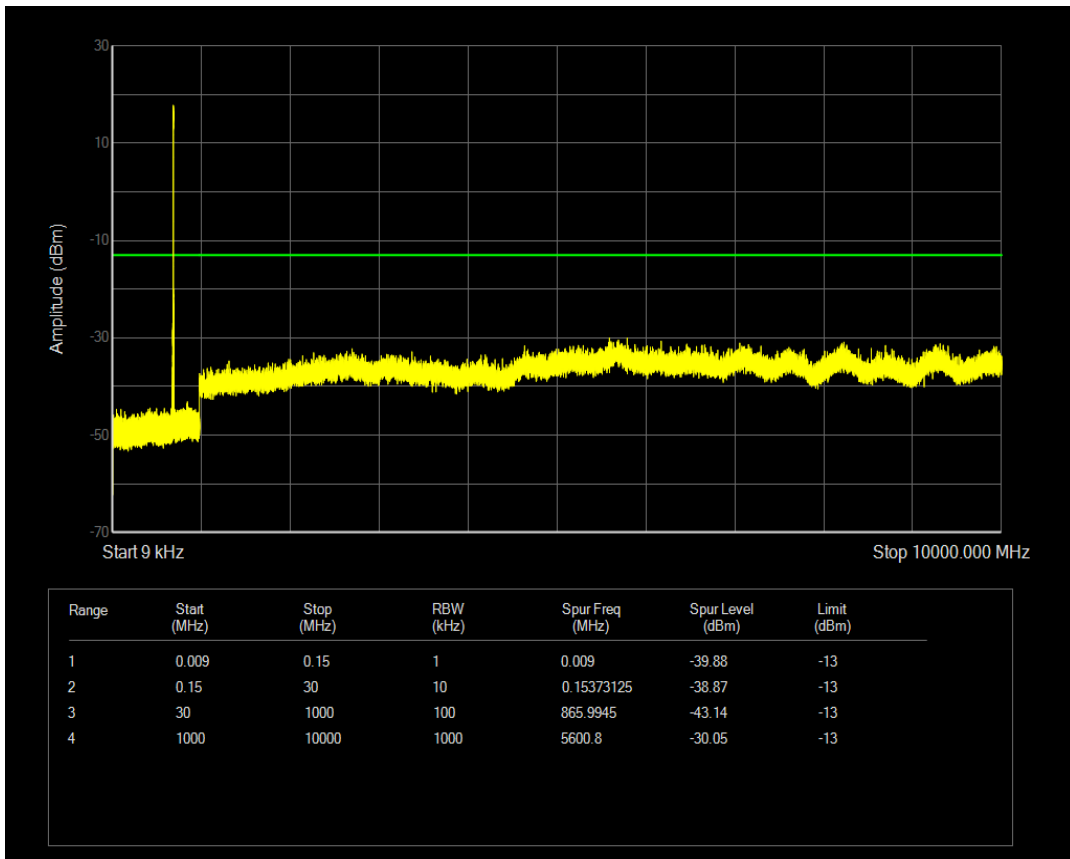


Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0



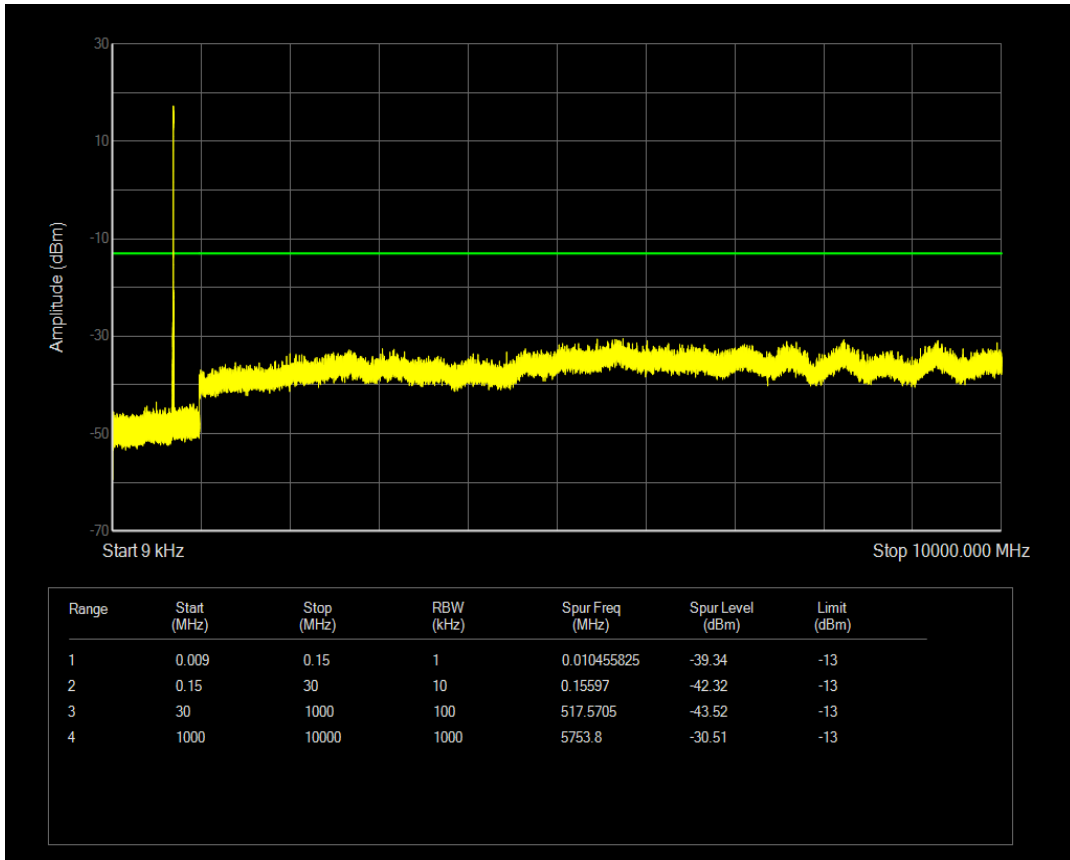


Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0

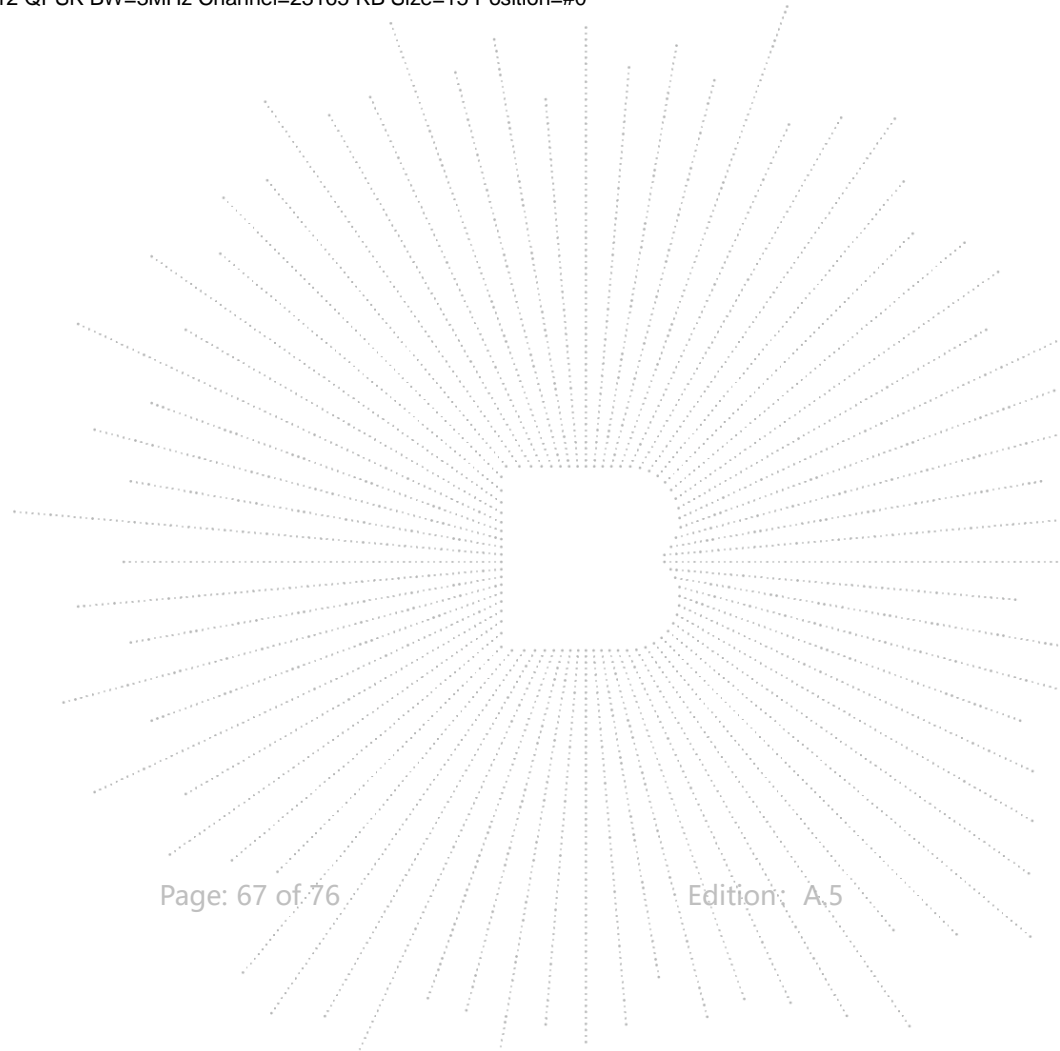




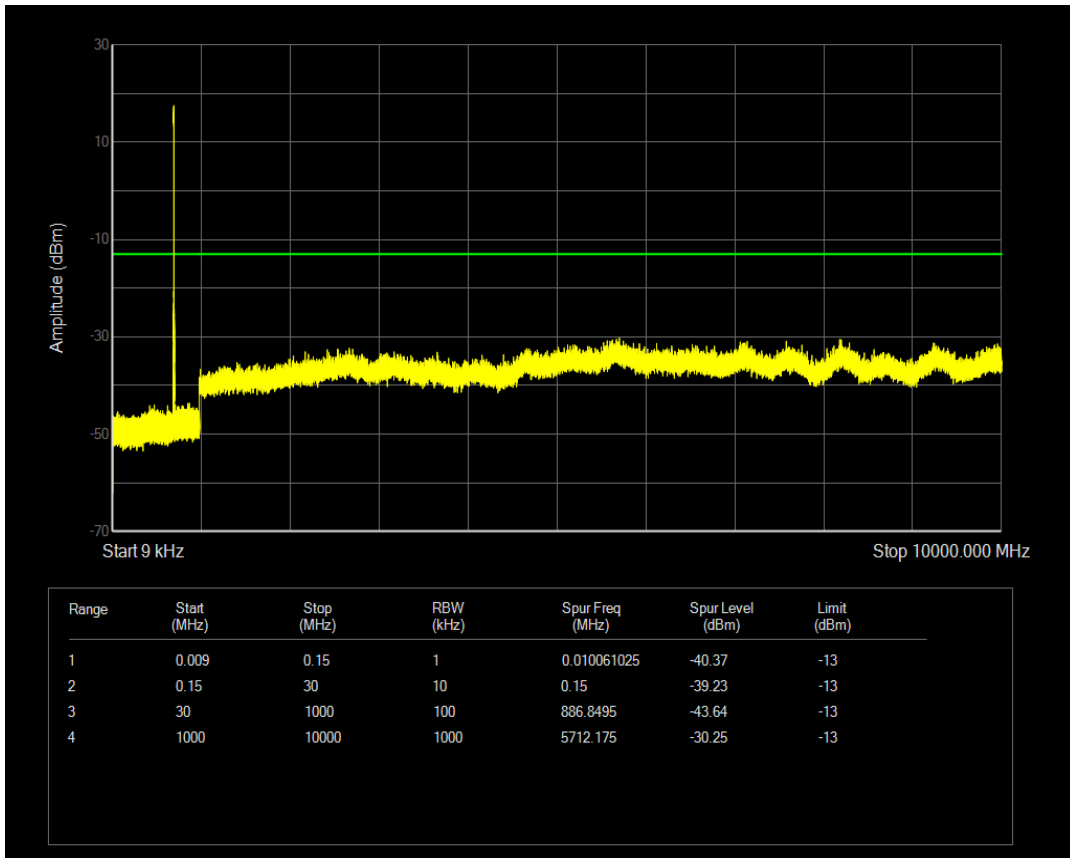
Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



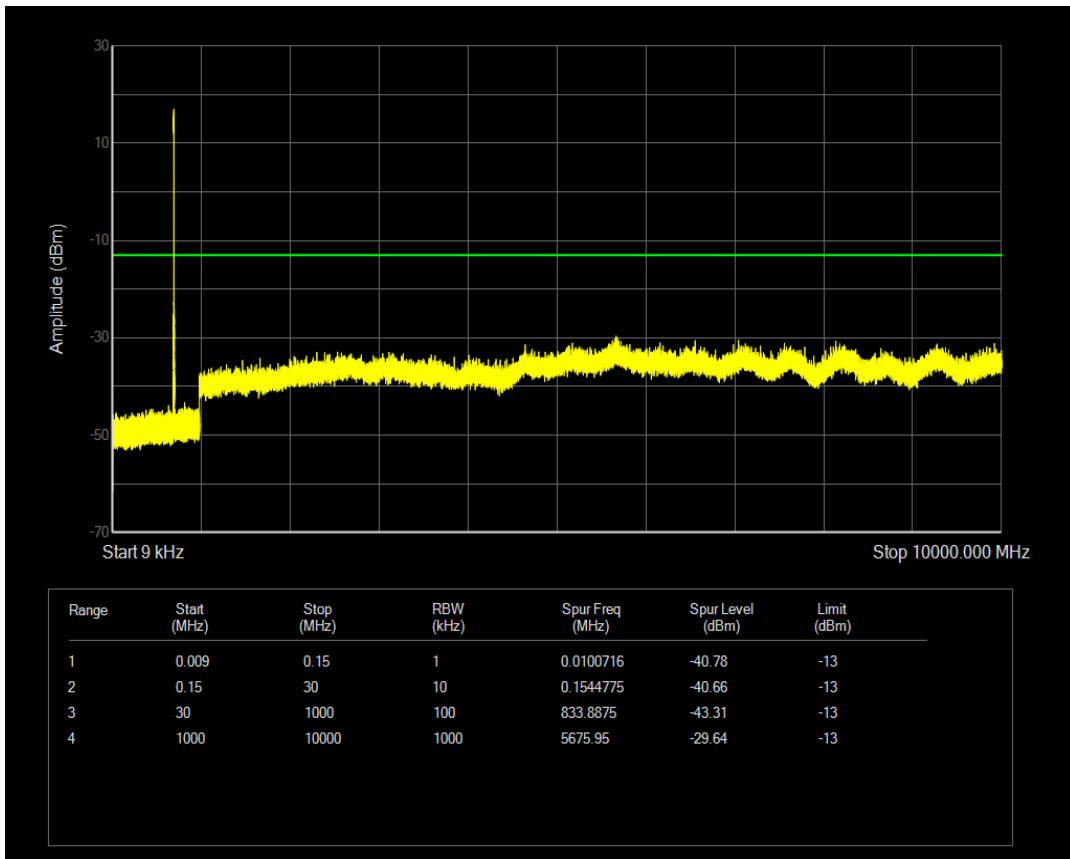
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0





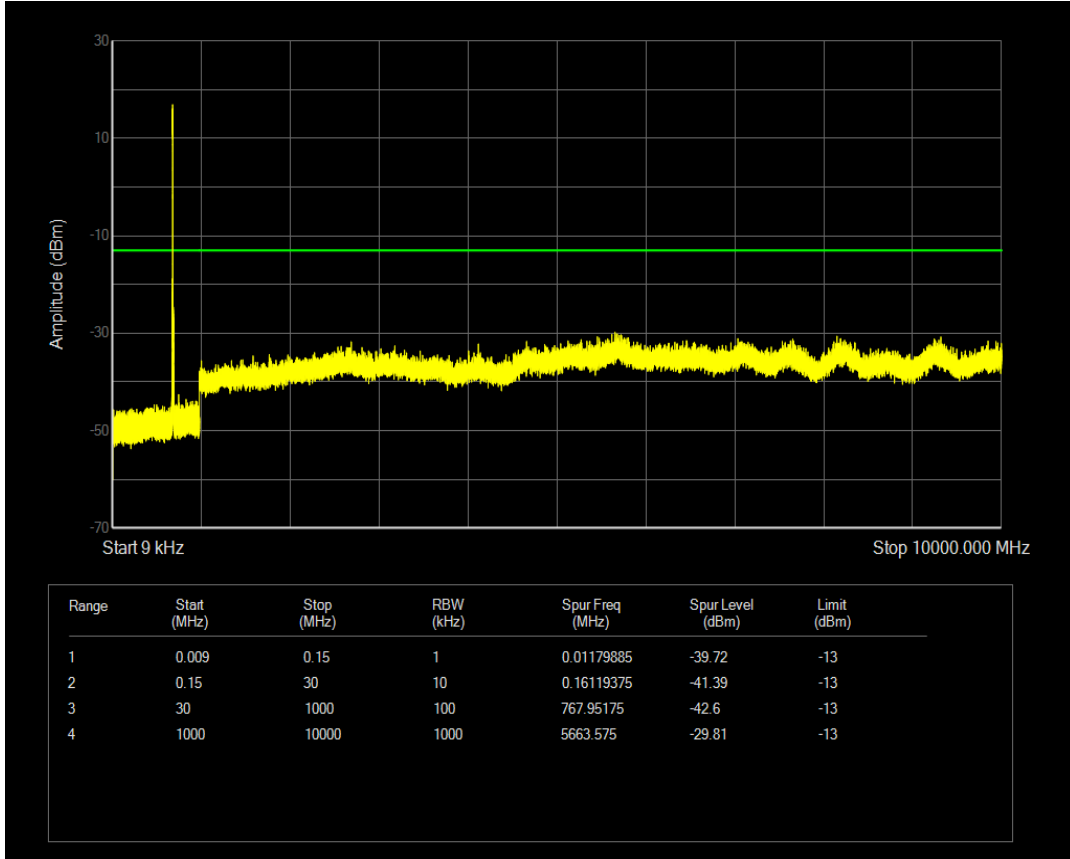


Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0

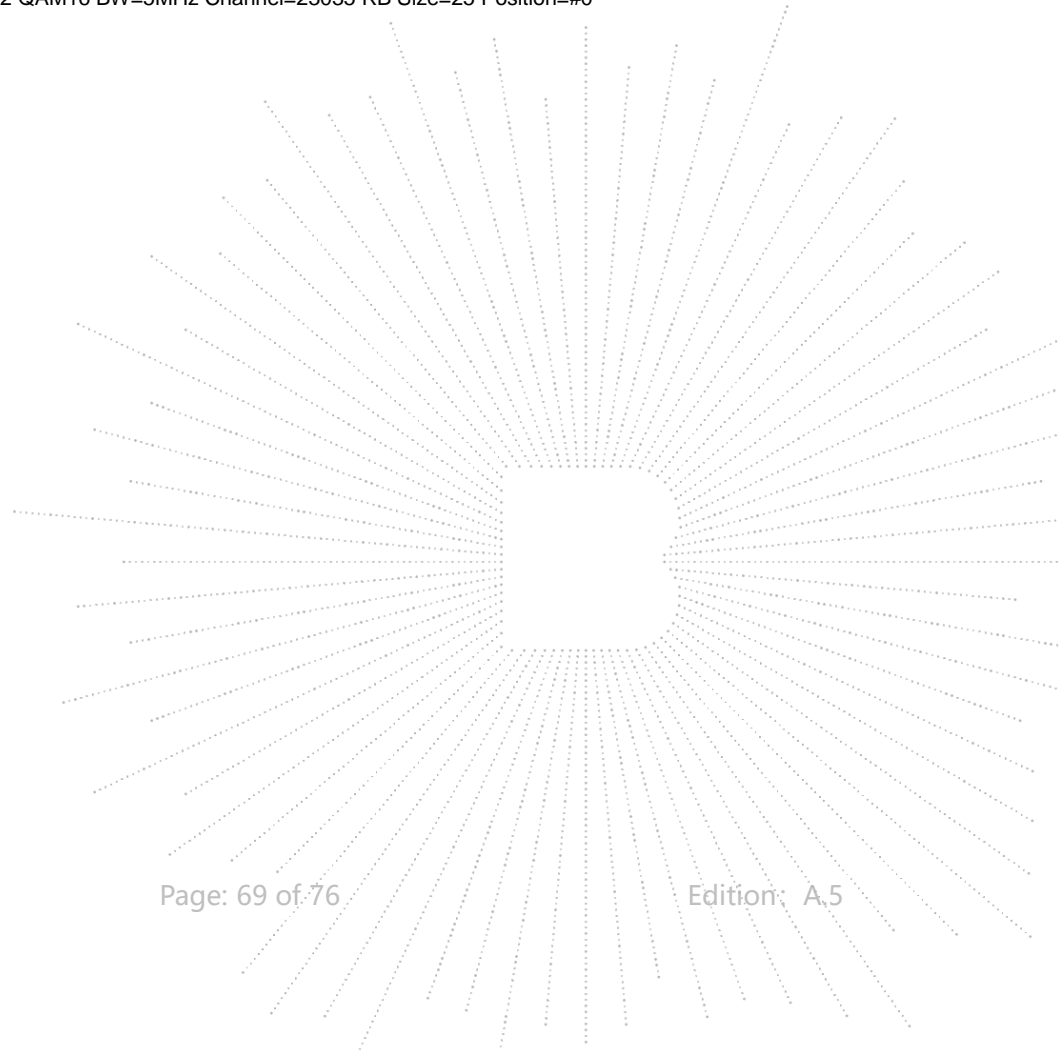


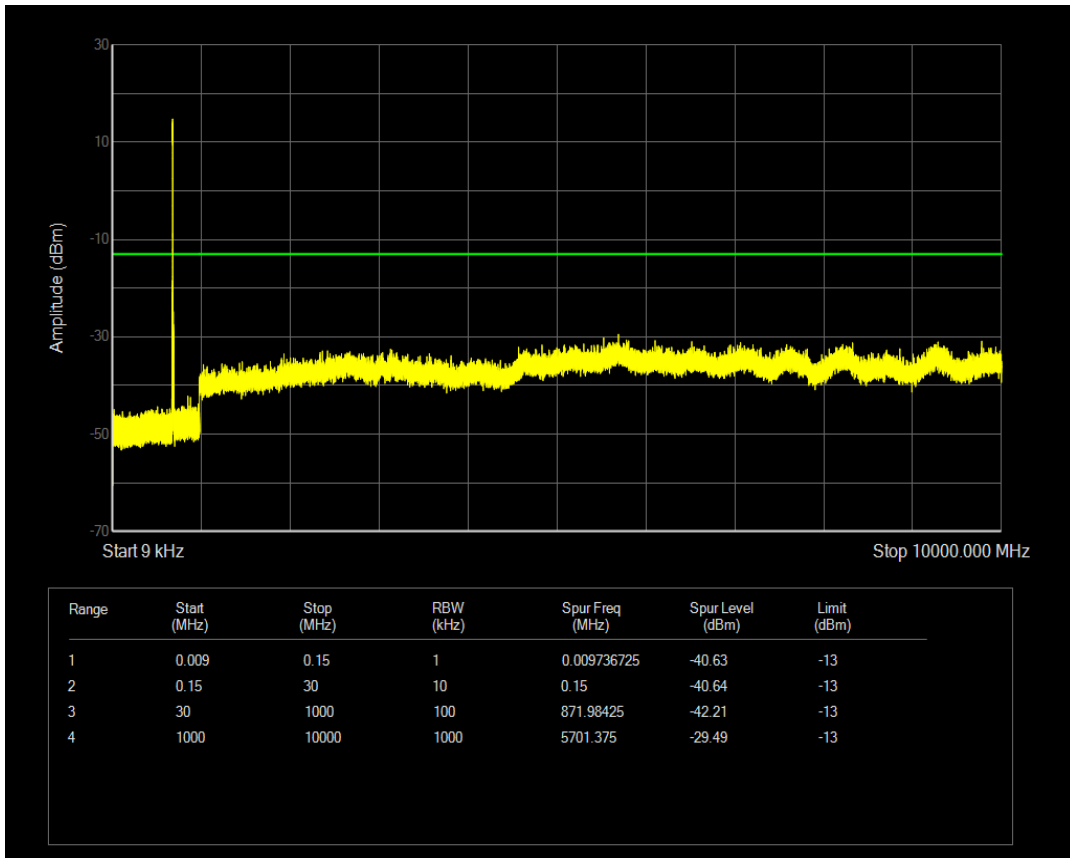


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0

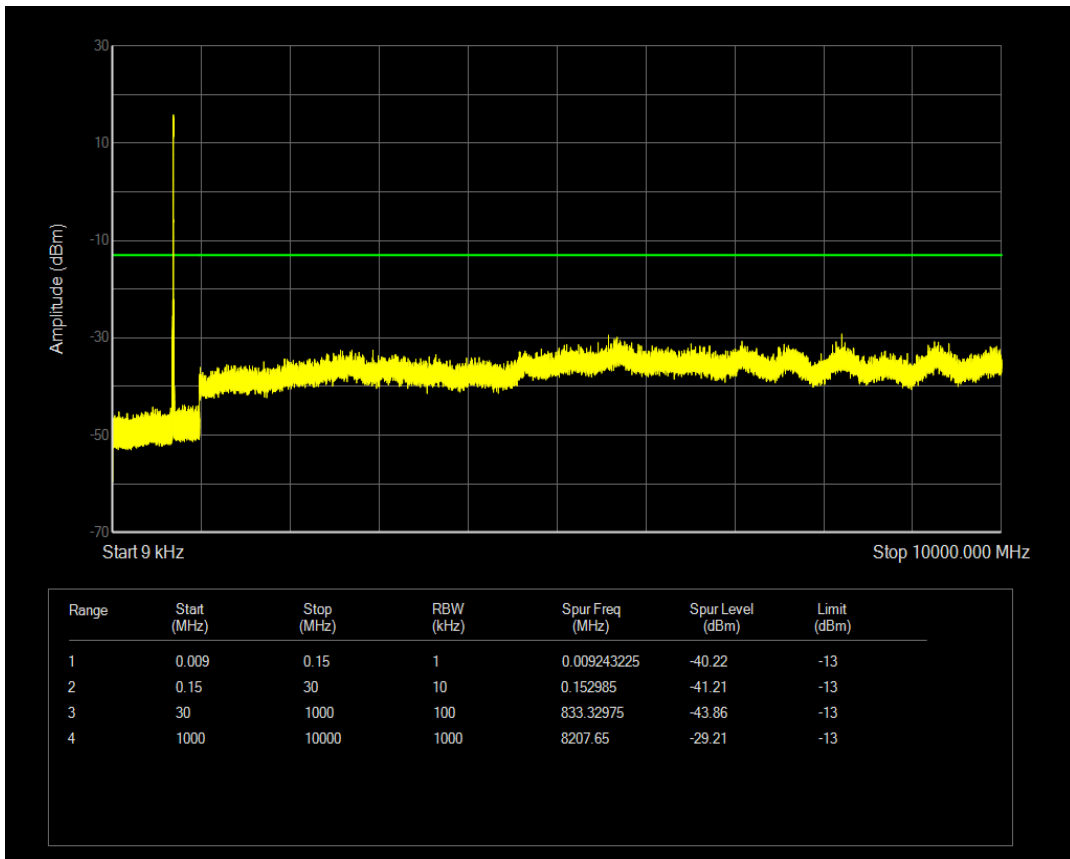


Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



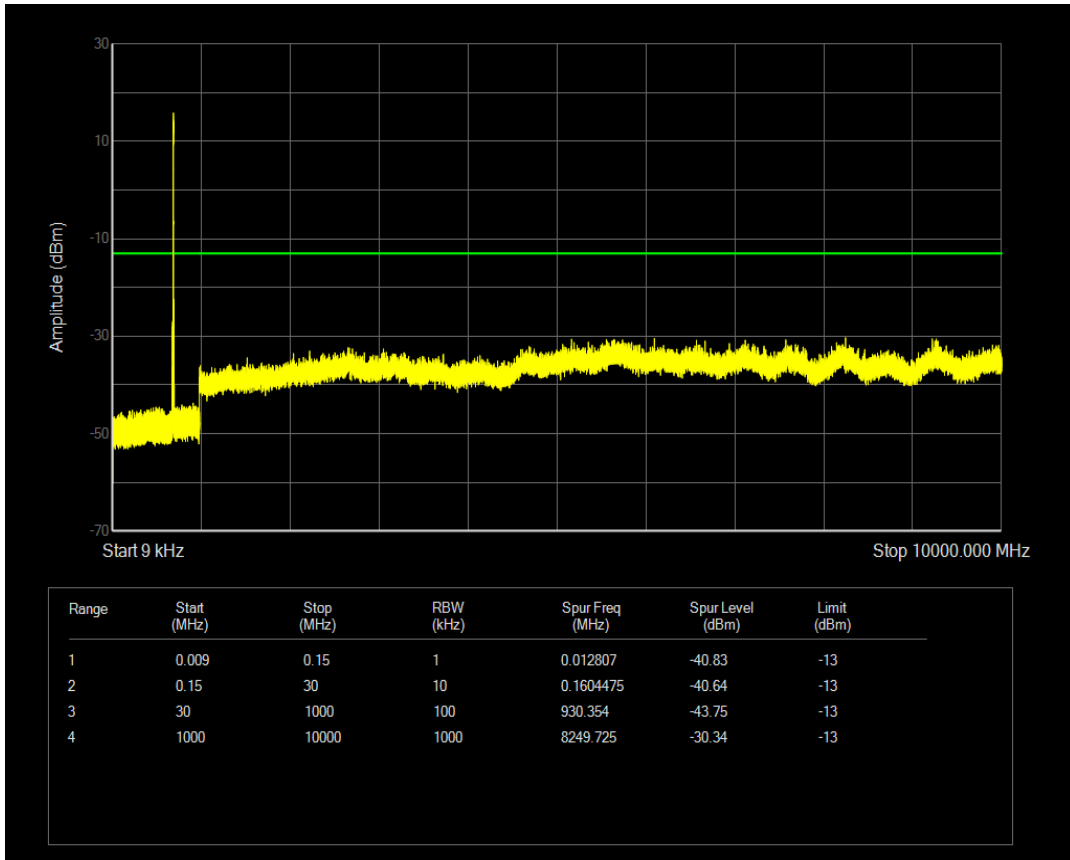


Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0

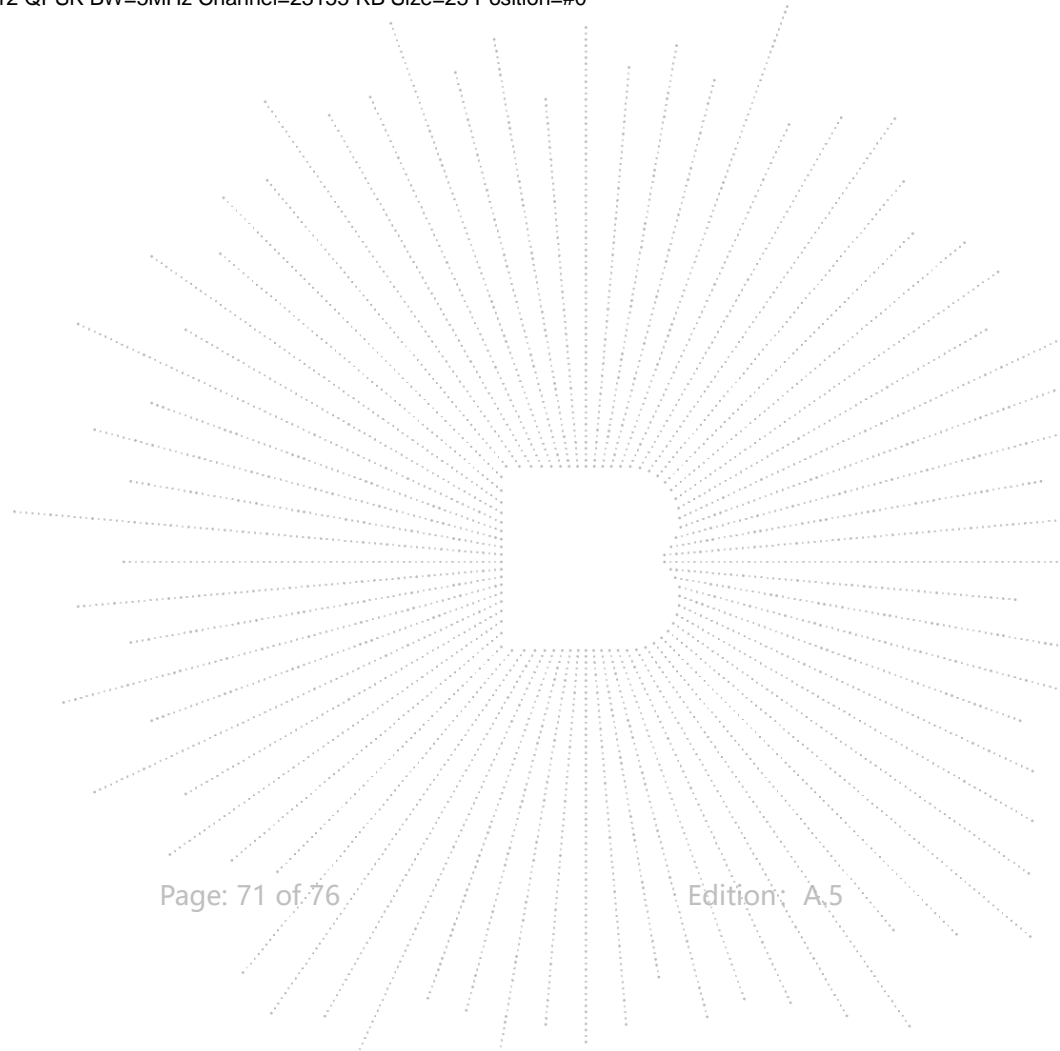


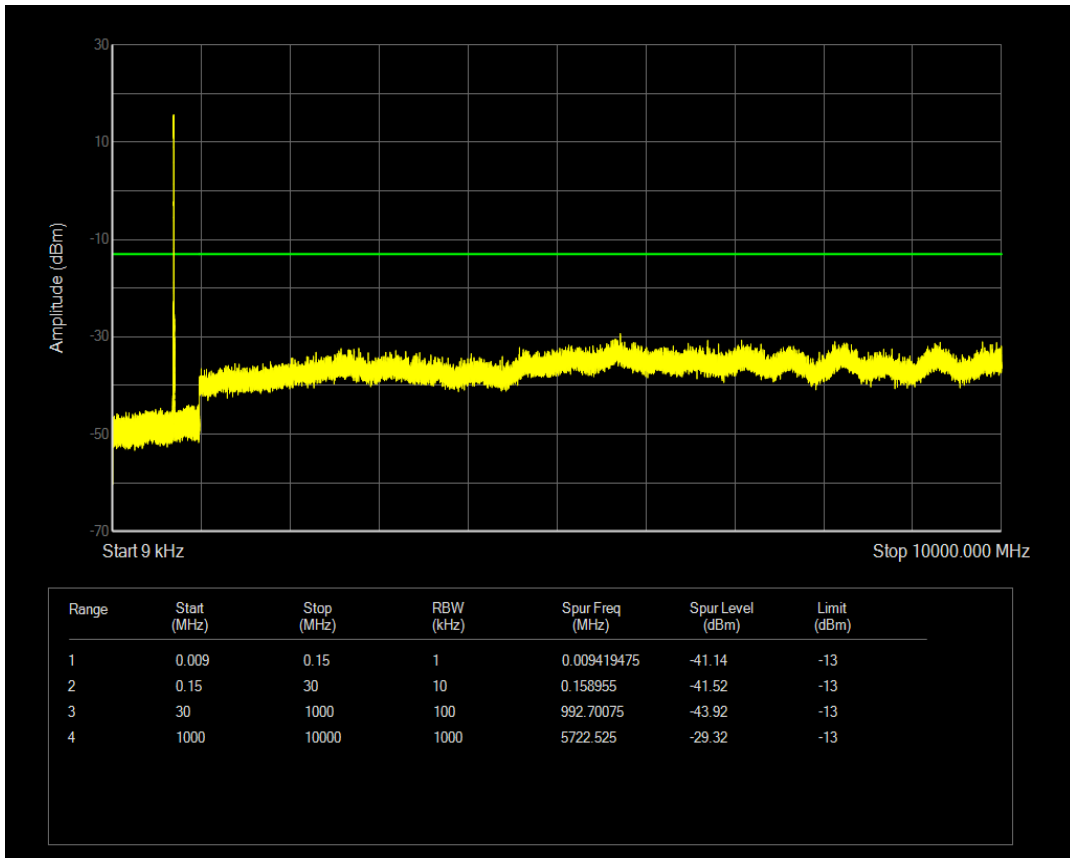


Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0

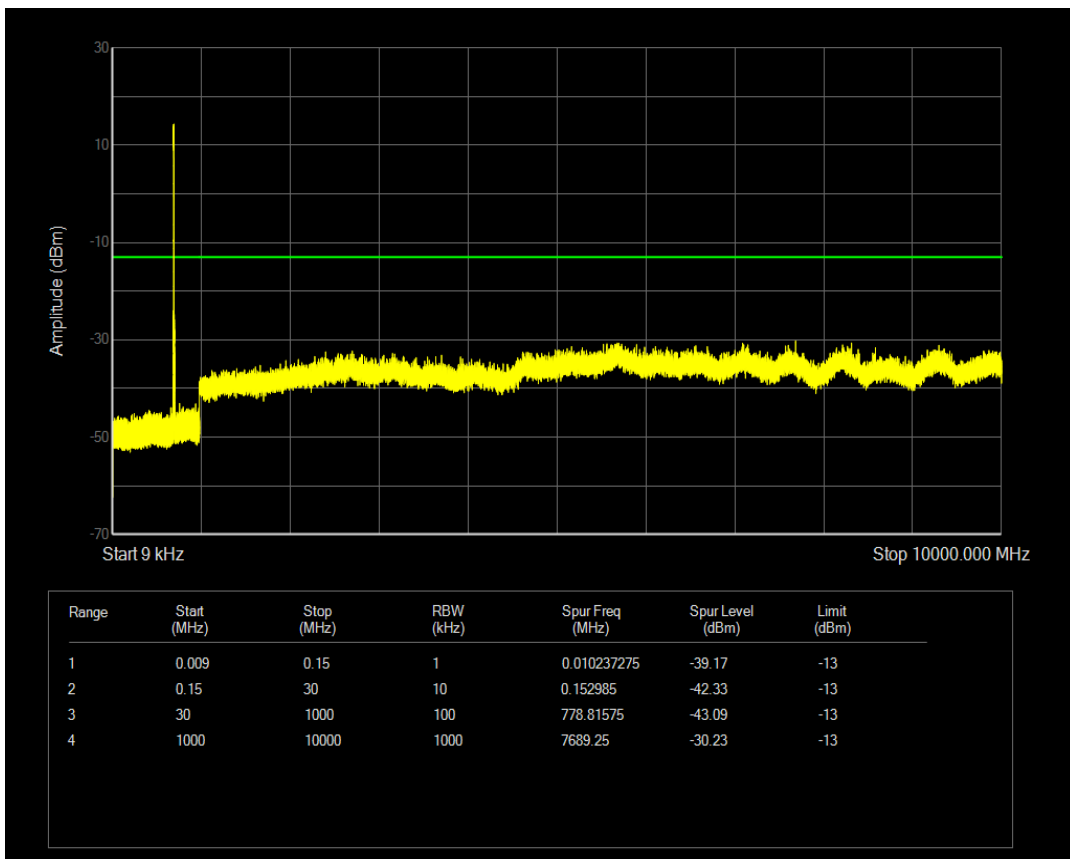


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



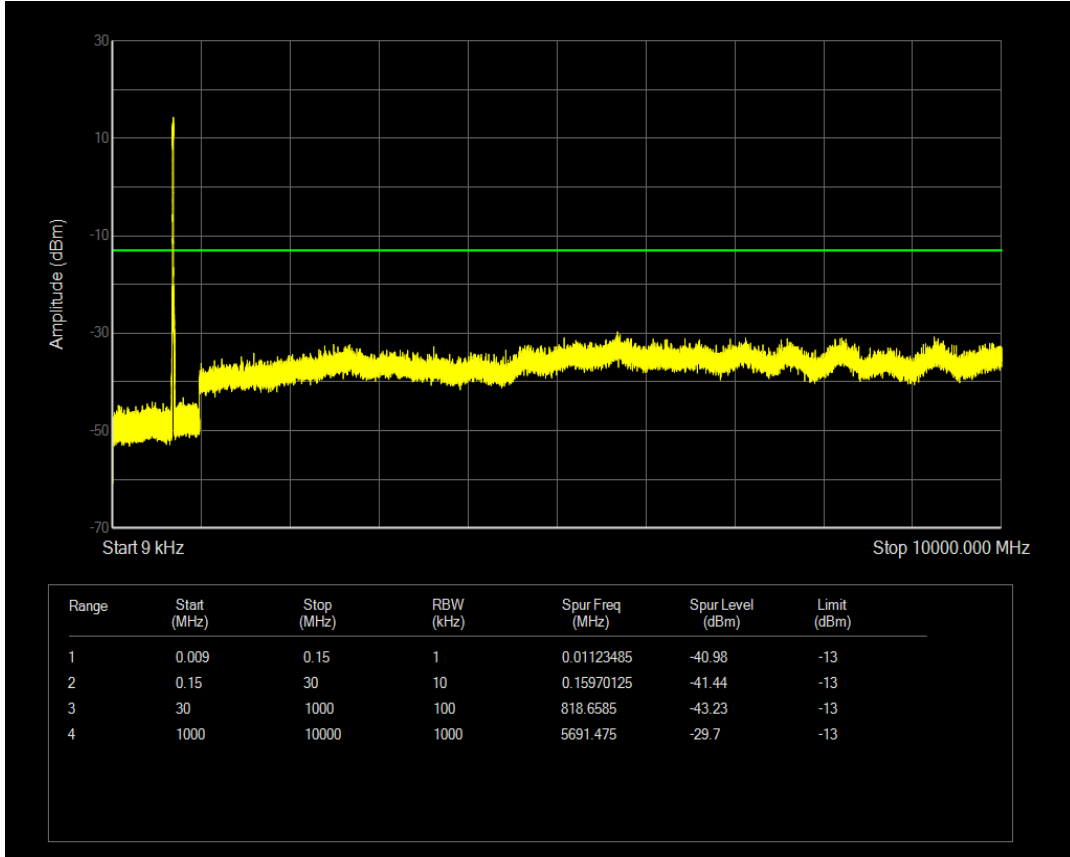


Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0

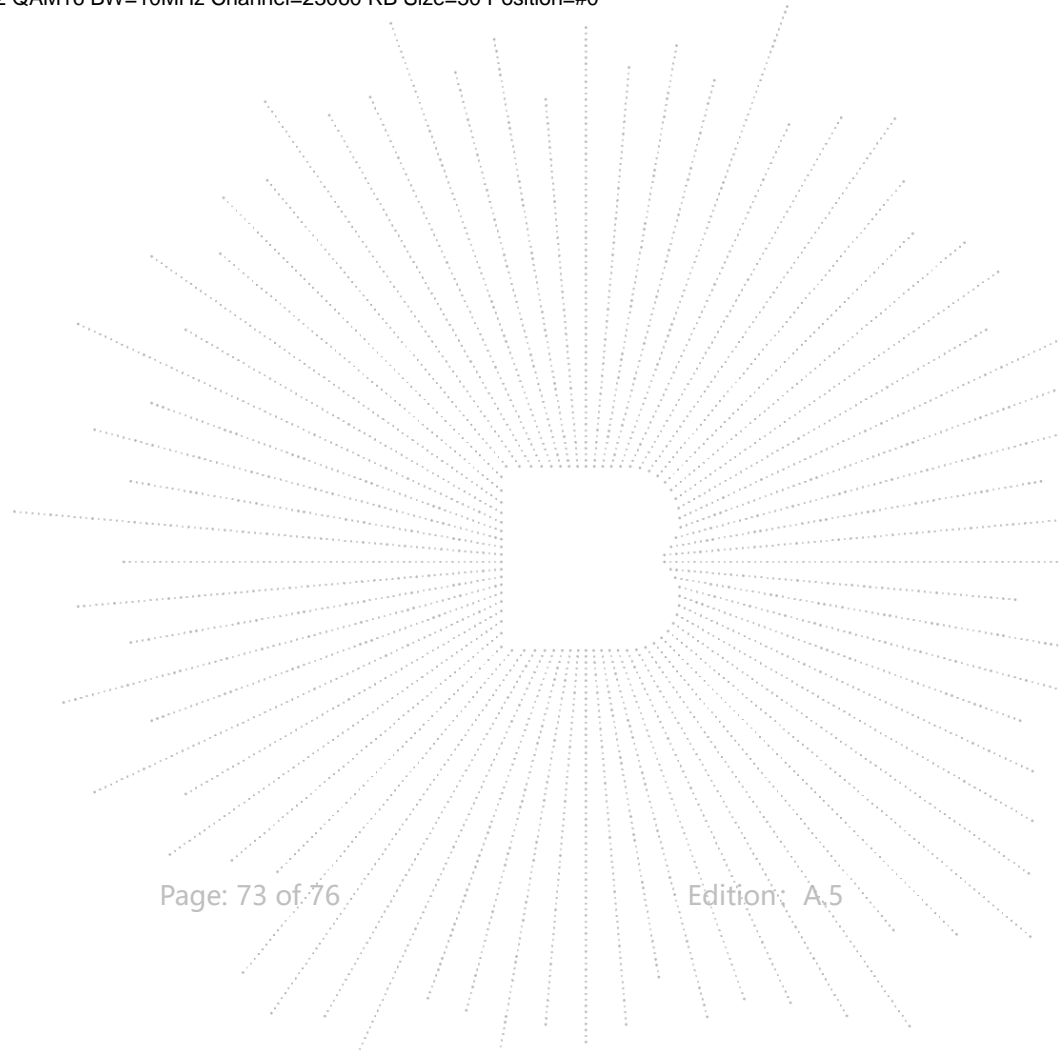


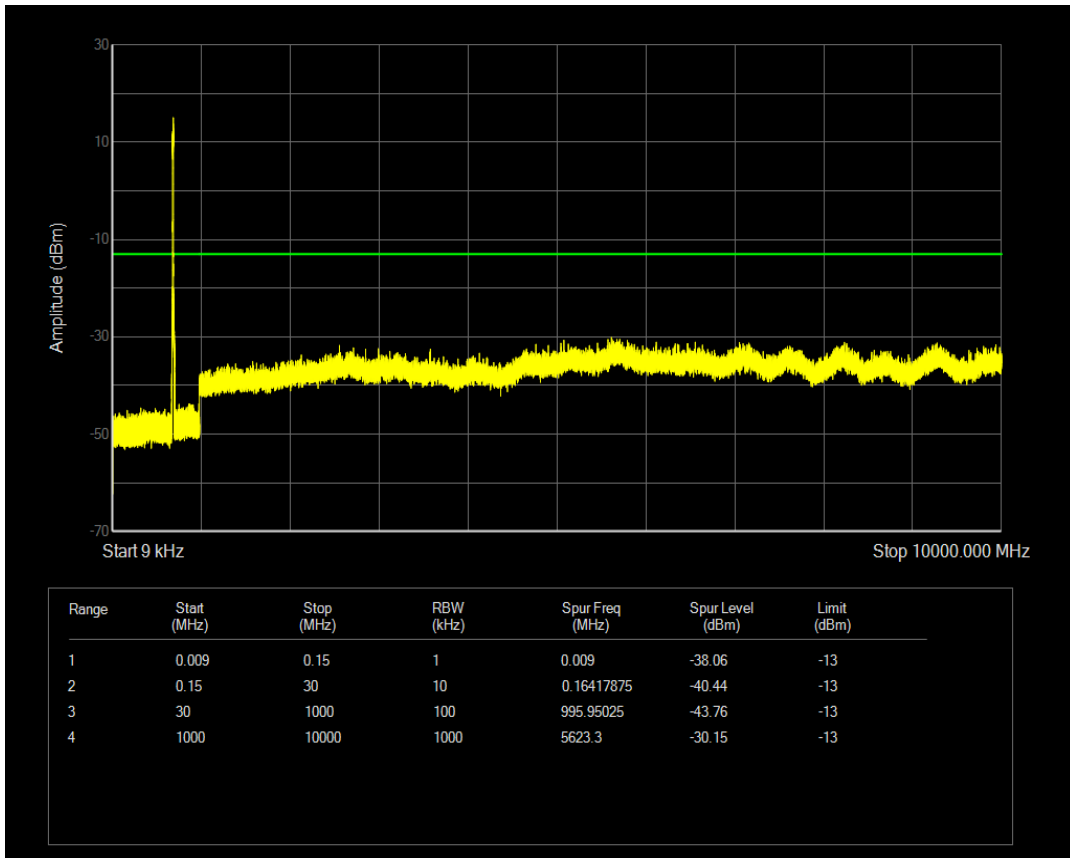


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

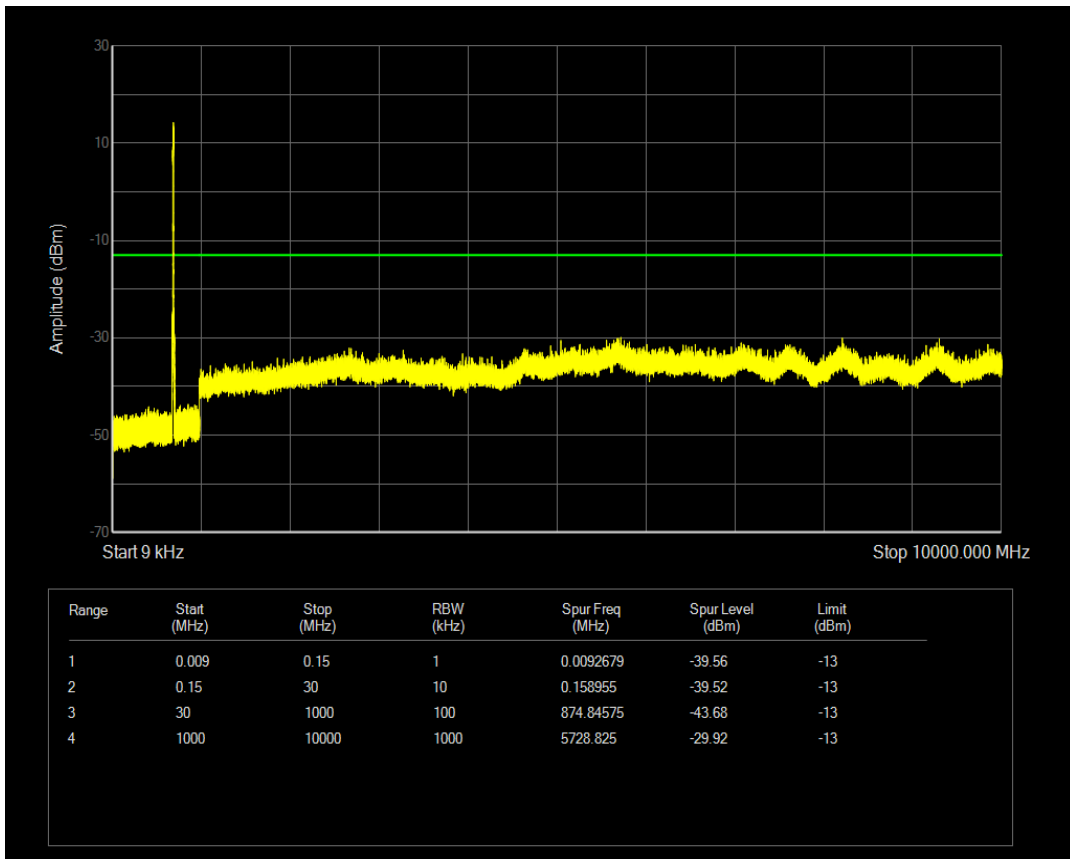


Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0



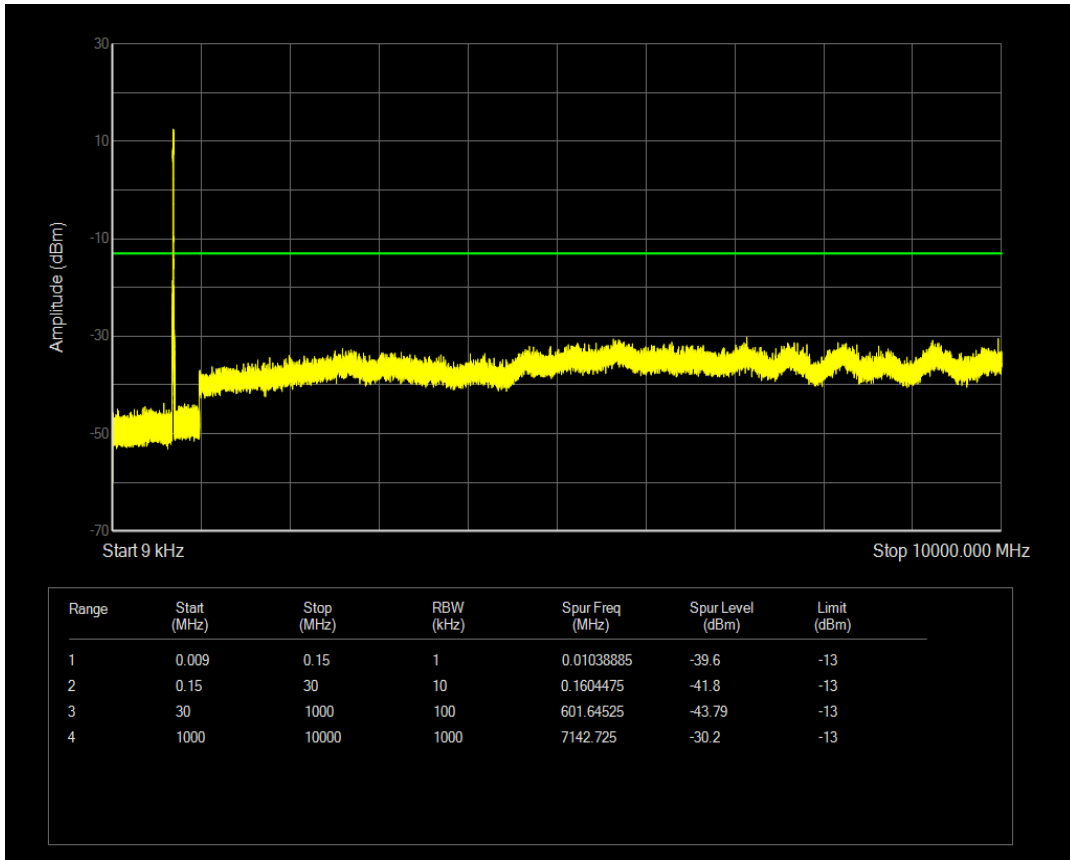


Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0

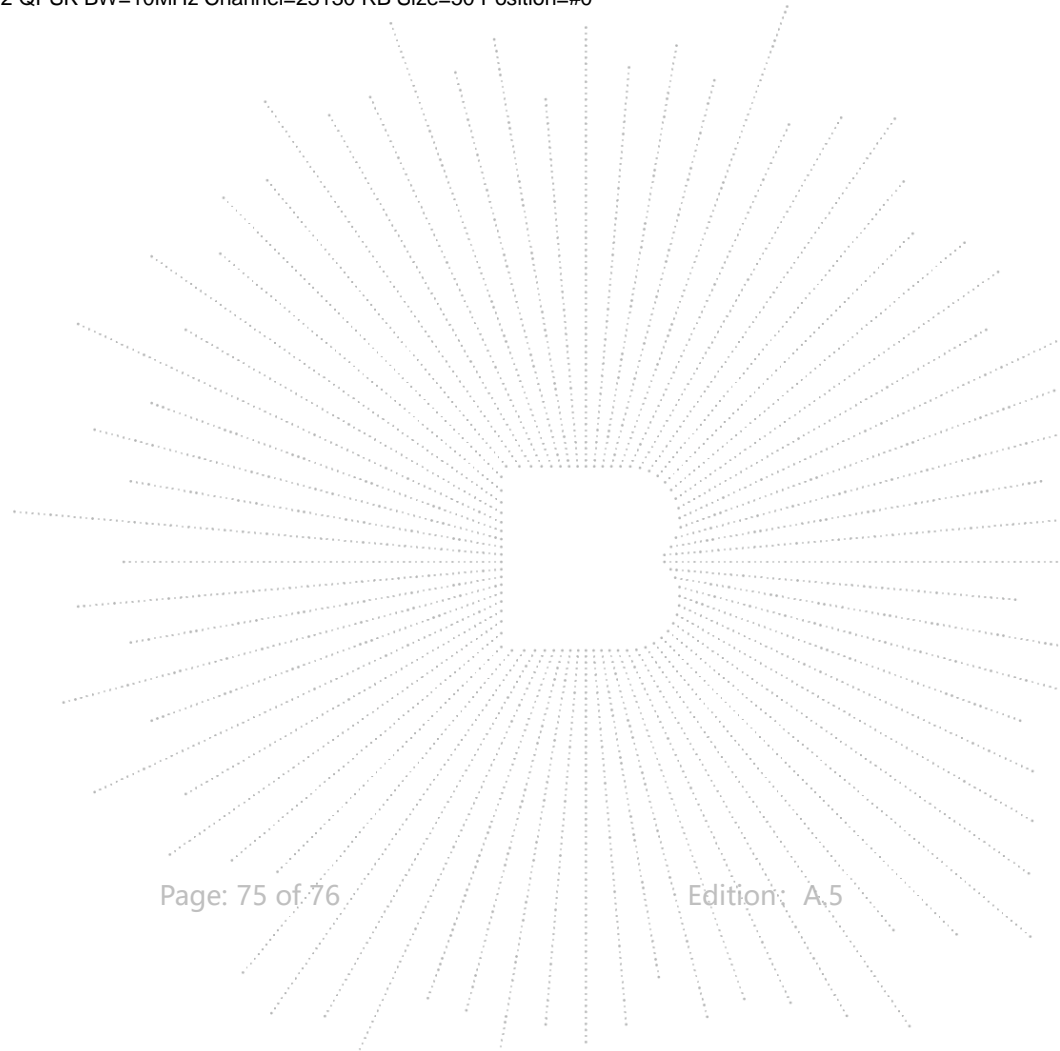




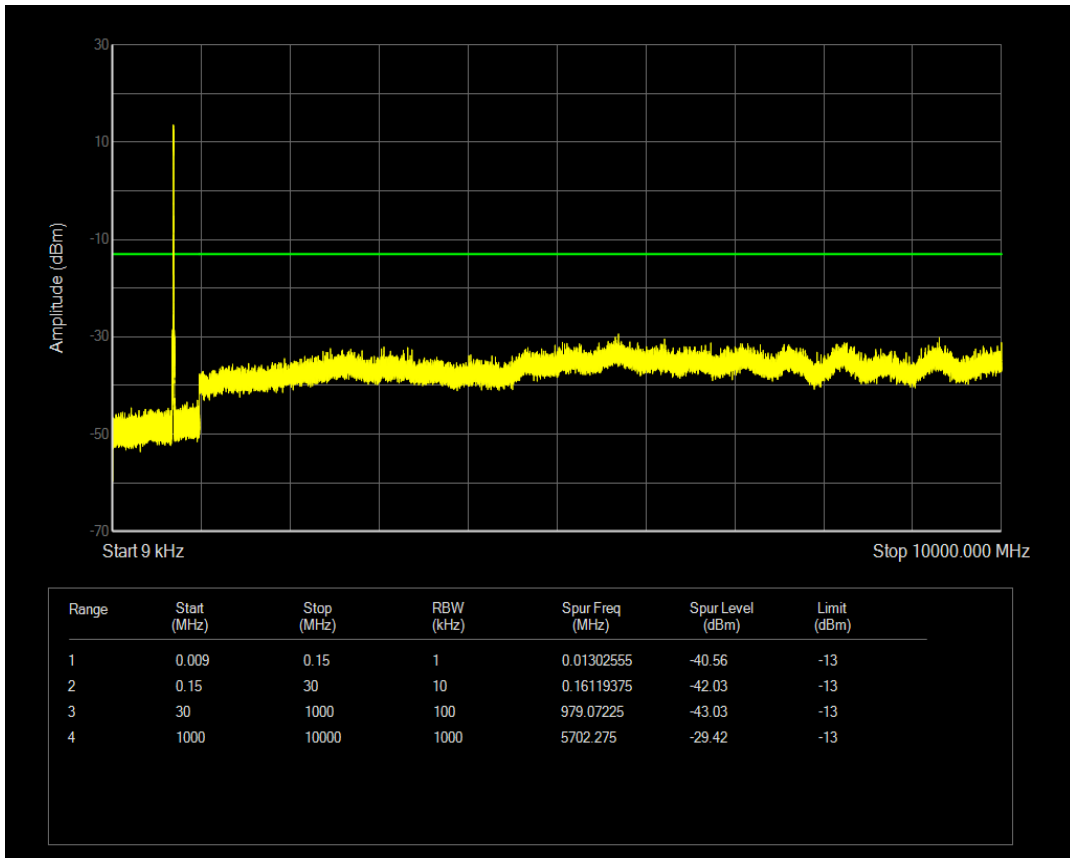
Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



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







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

