

Appendix for Band 12

Report No.: BCTC2504164553-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart Phone

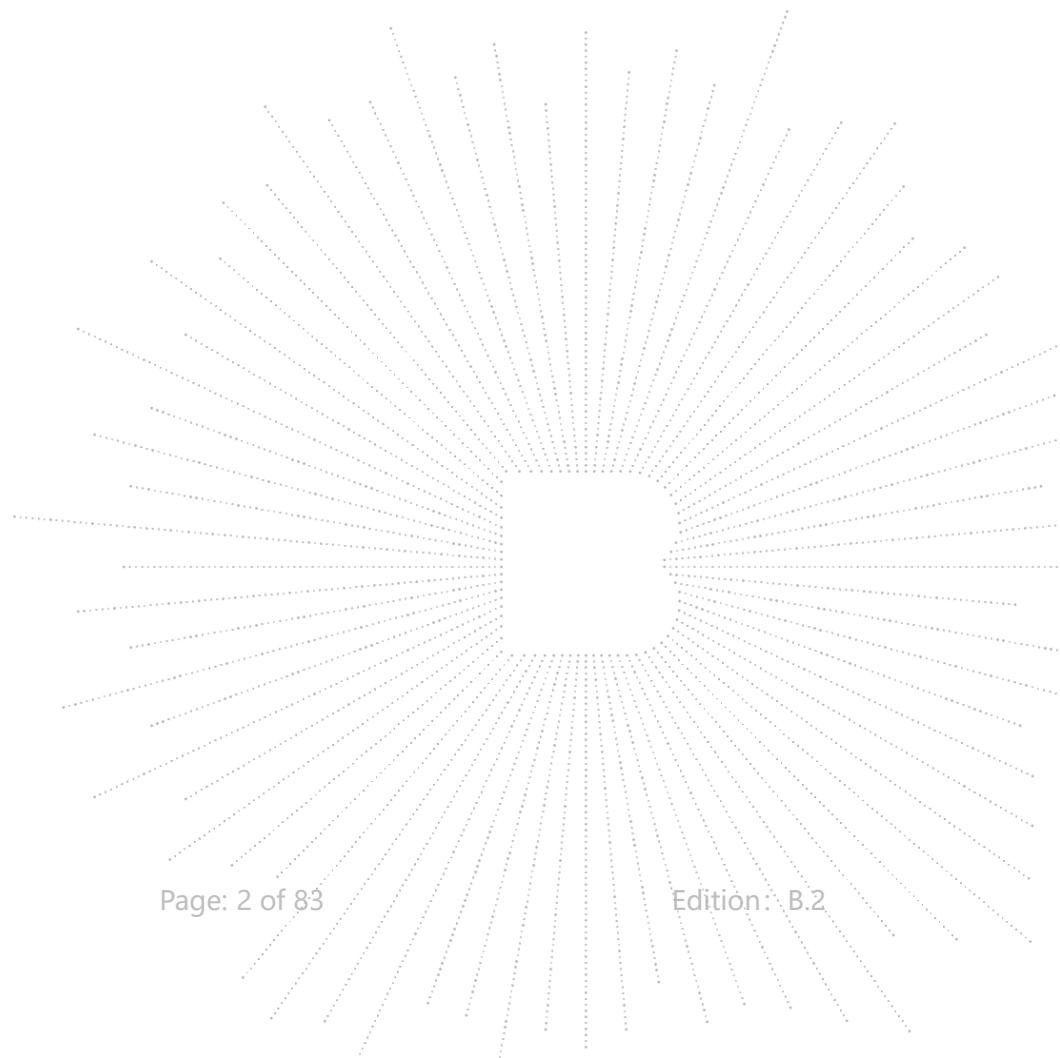
Test Model: F110 Pro

Tested Date: 2025-04-07 to 2025-05-21

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1.Effective Radiated Power and Effective Isotropic Radiated Power

Measurement

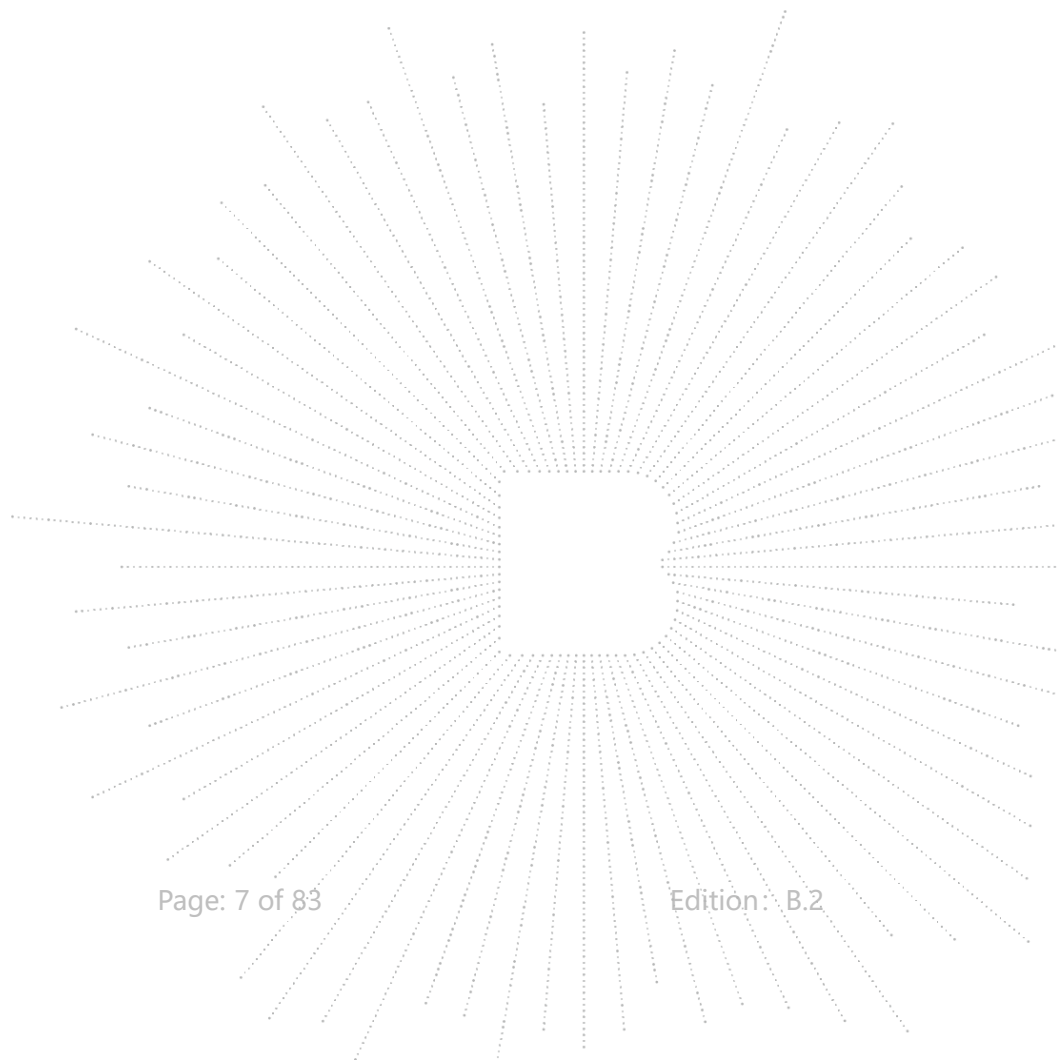
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
NVNT	Band12	1.4	23017	1	#0	QPSK	24.40	-0.55	21.70	PASS
NVNT	Band12	1.4	23017	1	#Mid	QPSK	24.37	-0.55	21.67	PASS
NVNT	Band12	1.4	23017	1	#Max	QPSK	24.37	-0.55	21.67	PASS
NVNT	Band12	1.4	23017	3	#0	QPSK	24.35	-0.55	21.65	PASS
NVNT	Band12	1.4	23017	3	#Mid	QPSK	24.34	-0.55	21.64	PASS
NVNT	Band12	1.4	23017	3	#Max	QPSK	24.35	-0.55	21.65	PASS
NVNT	Band12	1.4	23017	6	#0	QPSK	23.32	-0.55	20.62	PASS
NVNT	Band12	1.4	23017	1	#0	16QAM	23.28	-0.55	20.58	PASS
NVNT	Band12	1.4	23017	1	#Mid	16QAM	23.27	-0.55	20.57	PASS
NVNT	Band12	1.4	23017	1	#Max	16QAM	23.30	-0.55	20.60	PASS
NVNT	Band12	1.4	23017	3	#0	16QAM	23.49	-0.55	20.79	PASS
NVNT	Band12	1.4	23017	3	#Mid	16QAM	23.50	-0.55	20.80	PASS
NVNT	Band12	1.4	23017	3	#Max	16QAM	23.47	-0.55	20.77	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	22.52	-0.55	19.82	PASS
NVNT	Band12	1.4	23095	1	#0	QPSK	24.39	-0.55	21.69	PASS
NVNT	Band12	1.4	23095	1	#Mid	QPSK	24.40	-0.55	21.70	PASS
NVNT	Band12	1.4	23095	1	#Max	QPSK	24.38	-0.55	21.68	PASS
NVNT	Band12	1.4	23095	3	#0	QPSK	24.28	-0.55	21.58	PASS
NVNT	Band12	1.4	23095	3	#Mid	QPSK	24.27	-0.55	21.57	PASS
NVNT	Band12	1.4	23095	3	#Max	QPSK	24.27	-0.55	21.57	PASS
NVNT	Band12	1.4	23095	6	#0	QPSK	23.25	-0.55	20.55	PASS
NVNT	Band12	1.4	23095	1	#0	16QAM	23.52	-0.55	20.82	PASS
NVNT	Band12	1.4	23095	1	#Mid	16QAM	23.50	-0.55	20.80	PASS
NVNT	Band12	1.4	23095	1	#Max	16QAM	23.51	-0.55	20.81	PASS
NVNT	Band12	1.4	23095	3	#0	16QAM	23.44	-0.55	20.74	PASS
NVNT	Band12	1.4	23095	3	#Mid	16QAM	23.46	-0.55	20.76	PASS
NVNT	Band12	1.4	23095	3	#Max	16QAM	23.42	-0.55	20.72	PASS
NVNT	Band12	1.4	23095	6	#0	16QAM	22.46	-0.55	19.76	PASS
NVNT	Band12	1.4	23173	1	#0	QPSK	24.23	-0.55	21.53	PASS
NVNT	Band12	1.4	23173	1	#Mid	QPSK	24.19	-0.55	21.49	PASS
NVNT	Band12	1.4	23173	1	#Max	QPSK	24.19	-0.55	21.49	PASS
NVNT	Band12	1.4	23173	3	#0	QPSK	24.25	-0.55	21.55	PASS
NVNT	Band12	1.4	23173	3	#Mid	QPSK	24.21	-0.55	21.51	PASS
NVNT	Band12	1.4	23173	3	#Max	QPSK	24.24	-0.55	21.54	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	23.22	-0.55	20.52	PASS

NVNT	Band12	1.4	23173	1	#0	16QAM	23.45	-0.55	20.75	PASS
NVNT	Band12	1.4	23173	1	#Mid	16QAM	23.41	-0.55	20.71	PASS
NVNT	Band12	1.4	23173	1	#Max	16QAM	23.43	-0.55	20.73	PASS
NVNT	Band12	1.4	23173	3	#0	16QAM	23.44	-0.55	20.74	PASS
NVNT	Band12	1.4	23173	3	#Mid	16QAM	23.49	-0.55	20.79	PASS
NVNT	Band12	1.4	23173	3	#Max	16QAM	23.44	-0.55	20.74	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	22.36	-0.55	19.66	PASS
NVNT	Band12	3	23025	1	#0	QPSK	24.38	-0.55	21.68	PASS
NVNT	Band12	3	23025	1	#Mid	QPSK	24.37	-0.55	21.67	PASS
NVNT	Band12	3	23025	1	#Max	QPSK	24.35	-0.55	21.65	PASS
NVNT	Band12	3	23025	8	#0	QPSK	23.42	-0.55	20.72	PASS
NVNT	Band12	3	23025	8	#Mid	QPSK	23.37	-0.55	20.67	PASS
NVNT	Band12	3	23025	8	#Max	QPSK	23.31	-0.55	20.61	PASS
NVNT	Band12	3	23025	15	#0	QPSK	23.36	-0.55	20.66	PASS
NVNT	Band12	3	23025	1	#0	16QAM	23.74	-0.55	21.04	PASS
NVNT	Band12	3	23025	1	#Mid	16QAM	23.73	-0.55	21.03	PASS
NVNT	Band12	3	23025	1	#Max	16QAM	23.63	-0.55	20.93	PASS
NVNT	Band12	3	23025	8	#0	16QAM	22.41	-0.55	19.71	PASS
NVNT	Band12	3	23025	8	#Mid	16QAM	22.36	-0.55	19.66	PASS
NVNT	Band12	3	23025	8	#Max	16QAM	22.32	-0.55	19.62	PASS
NVNT	Band12	3	23025	15	#0	16QAM	22.37	-0.55	19.67	PASS
NVNT	Band12	3	23095	1	#0	QPSK	24.32	-0.55	21.62	PASS
NVNT	Band12	3	23095	1	#Mid	QPSK	24.30	-0.55	21.60	PASS
NVNT	Band12	3	23095	1	#Max	QPSK	24.26	-0.55	21.56	PASS
NVNT	Band12	3	23095	8	#0	QPSK	23.28	-0.55	20.58	PASS
NVNT	Band12	3	23095	8	#Mid	QPSK	23.34	-0.55	20.64	PASS
NVNT	Band12	3	23095	8	#Max	QPSK	23.35	-0.55	20.65	PASS
NVNT	Band12	3	23095	15	#0	QPSK	23.30	-0.55	20.60	PASS
NVNT	Band12	3	23095	1	#0	16QAM	23.50	-0.55	20.80	PASS
NVNT	Band12	3	23095	1	#Mid	16QAM	23.46	-0.55	20.76	PASS
NVNT	Band12	3	23095	1	#Max	16QAM	23.50	-0.55	20.80	PASS
NVNT	Band12	3	23095	8	#0	16QAM	22.27	-0.55	19.57	PASS
NVNT	Band12	3	23095	8	#Mid	16QAM	22.27	-0.55	19.57	PASS
NVNT	Band12	3	23095	8	#Max	16QAM	22.34	-0.55	19.64	PASS
NVNT	Band12	3	23095	15	#0	16QAM	22.22	-0.55	19.52	PASS
NVNT	Band12	3	23165	1	#0	QPSK	24.26	-0.55	21.56	PASS
NVNT	Band12	3	23165	1	#Mid	QPSK	24.22	-0.55	21.52	PASS
NVNT	Band12	3	23165	1	#Max	QPSK	24.27	-0.55	21.57	PASS
NVNT	Band12	3	23165	8	#0	QPSK	23.23	-0.55	20.53	PASS
NVNT	Band12	3	23165	8	#Mid	QPSK	23.21	-0.55	20.51	PASS
NVNT	Band12	3	23165	8	#Max	QPSK	23.22	-0.55	20.52	PASS
NVNT	Band12	3	23165	15	#0	QPSK	23.26	-0.55	20.56	PASS

NVNT	Band12	3	23165	1	#0	16QAM	23.17	-0.55	20.47	PASS
NVNT	Band12	3	23165	1	#Mid	16QAM	23.22	-0.55	20.52	PASS
NVNT	Band12	3	23165	1	#Max	16QAM	23.18	-0.55	20.48	PASS
NVNT	Band12	3	23165	8	#0	16QAM	22.30	-0.55	19.60	PASS
NVNT	Band12	3	23165	8	#Mid	16QAM	22.24	-0.55	19.54	PASS
NVNT	Band12	3	23165	8	#Max	16QAM	22.23	-0.55	19.53	PASS
NVNT	Band12	3	23165	15	#0	16QAM	22.29	-0.55	19.59	PASS
NVNT	Band12	5	23035	1	#0	QPSK	24.45	-0.55	21.75	PASS
NVNT	Band12	5	23035	1	#Mid	QPSK	24.42	-0.55	21.72	PASS
NVNT	Band12	5	23035	1	#Max	QPSK	24.40	-0.55	21.70	PASS
NVNT	Band12	5	23035	12	#0	QPSK	23.42	-0.55	20.72	PASS
NVNT	Band12	5	23035	12	#Mid	QPSK	23.36	-0.55	20.66	PASS
NVNT	Band12	5	23035	12	#Max	QPSK	23.33	-0.55	20.63	PASS
NVNT	Band12	5	23035	25	#0	QPSK	23.40	-0.55	20.70	PASS
NVNT	Band12	5	23035	1	#0	16QAM	23.87	-0.55	21.17	PASS
NVNT	Band12	5	23035	1	#Mid	16QAM	23.77	-0.55	21.07	PASS
NVNT	Band12	5	23035	1	#Max	16QAM	23.70	-0.55	21.00	PASS
NVNT	Band12	5	23035	12	#0	16QAM	22.39	-0.55	19.69	PASS
NVNT	Band12	5	23035	12	#Mid	16QAM	22.34	-0.55	19.64	PASS
NVNT	Band12	5	23035	12	#Max	16QAM	22.31	-0.55	19.61	PASS
NVNT	Band12	5	23035	25	#0	16QAM	22.43	-0.55	19.73	PASS
NVNT	Band12	5	23095	1	#0	QPSK	24.28	-0.55	21.58	PASS
NVNT	Band12	5	23095	1	#Mid	QPSK	24.30	-0.55	21.60	PASS
NVNT	Band12	5	23095	1	#Max	QPSK	24.28	-0.55	21.58	PASS
NVNT	Band12	5	23095	12	#0	QPSK	23.28	-0.55	20.58	PASS
NVNT	Band12	5	23095	12	#Mid	QPSK	23.28	-0.55	20.58	PASS
NVNT	Band12	5	23095	12	#Max	QPSK	23.30	-0.55	20.60	PASS
NVNT	Band12	5	23095	25	#0	QPSK	23.35	-0.55	20.65	PASS
NVNT	Band12	5	23095	1	#0	16QAM	23.57	-0.55	20.87	PASS
NVNT	Band12	5	23095	1	#Mid	16QAM	23.69	-0.55	20.99	PASS
NVNT	Band12	5	23095	1	#Max	16QAM	23.64	-0.55	20.94	PASS
NVNT	Band12	5	23095	12	#0	16QAM	22.36	-0.55	19.66	PASS
NVNT	Band12	5	23095	12	#Mid	16QAM	22.37	-0.55	19.67	PASS
NVNT	Band12	5	23095	12	#Max	16QAM	22.40	-0.55	19.70	PASS
NVNT	Band12	5	23095	25	#0	16QAM	22.31	-0.55	19.61	PASS
NVNT	Band12	5	23155	1	#0	QPSK	24.36	-0.55	21.66	PASS
NVNT	Band12	5	23155	1	#Mid	QPSK	24.37	-0.55	21.67	PASS
NVNT	Band12	5	23155	1	#Max	QPSK	24.39	-0.55	21.69	PASS
NVNT	Band12	5	23155	12	#0	QPSK	23.35	-0.55	20.65	PASS
NVNT	Band12	5	23155	12	#Mid	QPSK	23.29	-0.55	20.59	PASS
NVNT	Band12	5	23155	12	#Max	QPSK	23.27	-0.55	20.57	PASS
NVNT	Band12	5	23155	25	#0	QPSK	23.32	-0.55	20.62	PASS

NVNT	Band12	5	23155	1	#0	16QAM	23.82	-0.55	21.12	PASS
NVNT	Band12	5	23155	1	#Mid	16QAM	23.76	-0.55	21.06	PASS
NVNT	Band12	5	23155	1	#Max	16QAM	23.80	-0.55	21.10	PASS
NVNT	Band12	5	23155	12	#0	16QAM	22.35	-0.55	19.65	PASS
NVNT	Band12	5	23155	12	#Mid	16QAM	22.32	-0.55	19.62	PASS
NVNT	Band12	5	23155	12	#Max	16QAM	22.28	-0.55	19.58	PASS
NVNT	Band12	5	23155	25	#0	16QAM	22.29	-0.55	19.59	PASS
NVNT	Band12	10	23060	1	#0	QPSK	24.46	-0.55	21.76	PASS
NVNT	Band12	10	23060	1	#Mid	QPSK	24.38	-0.55	21.68	PASS
NVNT	Band12	10	23060	1	#Max	QPSK	24.41	-0.55	21.71	PASS
NVNT	Band12	10	23060	25	#0	QPSK	23.42	-0.55	20.72	PASS
NVNT	Band12	10	23060	25	#Mid	QPSK	23.36	-0.55	20.66	PASS
NVNT	Band12	10	23060	25	#Max	QPSK	23.45	-0.55	20.75	PASS
NVNT	Band12	10	23060	50	#0	QPSK	23.44	-0.55	20.74	PASS
NVNT	Band12	10	23060	1	#0	16QAM	23.36	-0.55	20.66	PASS
NVNT	Band12	10	23060	1	#Mid	16QAM	23.25	-0.55	20.55	PASS
NVNT	Band12	10	23060	1	#Max	16QAM	23.28	-0.55	20.58	PASS
NVNT	Band12	10	23060	25	#0	16QAM	22.42	-0.55	19.72	PASS
NVNT	Band12	10	23060	25	#Mid	16QAM	22.34	-0.55	19.64	PASS
NVNT	Band12	10	23060	25	#Max	16QAM	22.43	-0.55	19.73	PASS
NVNT	Band12	10	23060	50	#0	16QAM	22.40	-0.55	19.70	PASS
NVNT	Band12	10	23095	1	#0	QPSK	24.39	-0.55	21.69	PASS
NVNT	Band12	10	23095	1	#Mid	QPSK	24.37	-0.55	21.67	PASS
NVNT	Band12	10	23095	1	#Max	QPSK	24.29	-0.55	21.59	PASS
NVNT	Band12	10	23095	25	#0	QPSK	23.28	-0.55	20.58	PASS
NVNT	Band12	10	23095	25	#Mid	QPSK	23.31	-0.55	20.61	PASS
NVNT	Band12	10	23095	25	#Max	QPSK	23.36	-0.55	20.66	PASS
NVNT	Band12	10	23095	50	#0	QPSK	23.32	-0.55	20.62	PASS
NVNT	Band12	10	23095	1	#0	16QAM	23.71	-0.55	21.01	PASS
NVNT	Band12	10	23095	1	#Mid	16QAM	23.78	-0.55	21.08	PASS
NVNT	Band12	10	23095	1	#Max	16QAM	23.72	-0.55	21.02	PASS
NVNT	Band12	10	23095	25	#0	16QAM	22.32	-0.55	19.62	PASS
NVNT	Band12	10	23095	25	#Mid	16QAM	22.39	-0.55	19.69	PASS
NVNT	Band12	10	23095	25	#Max	16QAM	22.40	-0.55	19.70	PASS
NVNT	Band12	10	23095	50	#0	16QAM	22.32	-0.55	19.62	PASS
NVNT	Band12	10	23130	1	#0	QPSK	24.39	-0.55	21.69	PASS
NVNT	Band12	10	23130	1	#Mid	QPSK	24.35	-0.55	21.65	PASS
NVNT	Band12	10	23130	1	#Max	QPSK	24.26	-0.55	21.56	PASS
NVNT	Band12	10	23130	25	#0	QPSK	23.25	-0.55	20.55	PASS
NVNT	Band12	10	23130	25	#Mid	QPSK	23.34	-0.55	20.64	PASS
NVNT	Band12	10	23130	25	#Max	QPSK	23.26	-0.55	20.56	PASS
NVNT	Band12	10	23130	50	#0	QPSK	23.29	-0.55	20.59	PASS

NVNT	Band12	10	23130	1	#0	16QAM	23.56	-0.55	20.86	PASS
NVNT	Band12	10	23130	1	#Mid	16QAM	23.53	-0.55	20.83	PASS
NVNT	Band12	10	23130	1	#Max	16QAM	23.49	-0.55	20.79	PASS
NVNT	Band12	10	23130	25	#0	16QAM	22.26	-0.55	19.56	PASS
NVNT	Band12	10	23130	25	#Mid	16QAM	22.34	-0.55	19.64	PASS
NVNT	Band12	10	23130	25	#Max	16QAM	22.25	-0.55	19.55	PASS
NVNT	Band12	10	23130	50	#0	16QAM	22.29	-0.55	19.59	PASS



Appendix 2.Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band1 2	1.4	23017	6	#0	QPSK	LV	NT	-2.60	-0.004	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	NT	-2.20	-0.003	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	HV	NT	-1.79	-0.003	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	LV	NT	-6.34	-0.009	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	NT	-3.20	-0.005	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	HV	NT	-2.10	-0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	LV	NT	-2.23	-0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	NT	-3.58	-0.005	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	HV	NT	-5.22	-0.007	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	LV	NT	-2.45	-0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	NT	-5.02	-0.007	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	HV	NT	-1.92	-0.003	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	LV	NT	-0.67	-0.001	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	NT	-3.68	-0.005	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	HV	NT	-4.12	-0.006	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	LV	NT	-4.76	-0.007	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	NT	-3.32	-0.005	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	HV	NT	-0.82	-0.001	PASS

NVNT	Band1 2	3	23025	15	#0	QPSK	LV	NT	-6.98	-0.010	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	NT	-8.03	-0.011	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	HV	NT	-5.24	-0.007	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	LV	NT	-2.69	-0.004	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	NT	-1.39	-0.002	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	HV	NT	-1.85	-0.003	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	LV	NT	2.20	0.003	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	NT	-1.59	-0.002	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	HV	NT	-2.53	-0.004	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	LV	NT	1.97	0.003	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	NT	-1.95	-0.003	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	HV	NT	1.62	0.002	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	LV	NT	-3.88	-0.005	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	NT	-4.94	-0.007	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	HV	NT	-1.66	-0.002	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	LV	NT	2.57	0.004	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	NT	3.12	0.004	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	HV	NT	0.39	0.001	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	LV	NT	-2.69	-0.004	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	NT	-4.84	-0.007	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	HV	NT	-1.54	-0.002	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	LV	NT	1.34	0.002	PASS

	2										
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	NT	-1.70	-0.002	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	HV	NT	-3.91	-0.006	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	LV	NT	-4.99	-0.007	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	NT	-1.96	-0.003	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	HV	NT	-5.69	-0.008	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	LV	NT	-2.50	-0.004	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	NT	-3.83	-0.005	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	HV	NT	-0.89	-0.001	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	LV	NT	-3.82	-0.005	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	NT	-1.95	-0.003	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	HV	NT	-2.47	-0.003	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	LV	NT	-9.01	-0.013	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	NT	-7.87	-0.011	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	HV	NT	-4.11	-0.006	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	LV	NT	-4.71	-0.007	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	NT	1.26	0.002	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	HV	NT	-2.92	-0.004	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	LV	NT	-2.15	-0.003	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	NT	-3.99	-0.006	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	HV	NT	-2.02	-0.003	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	LV	NT	-1.16	-0.002	PASS

NVNT	Band1 2	10	23095	50	#0	QPSK	NV	NT	1.99	0.003	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	HV	NT	-0.66	-0.001	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	LV	NT	3.45	0.005	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	NT	-0.57	-0.001	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	HV	NT	-2.20	-0.003	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	LV	NT	-0.90	-0.001	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	NT	-0.30	0.000	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	HV	NT	-1.86	-0.003	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	LV	NT	-1.66	-0.002	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	NT	-0.89	-0.001	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	HV	NT	-2.09	-0.003	PASS

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	-30	-7.47	-0.011	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	-20	-7.48	-0.011	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	0	-6.57	-0.009	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	10	-4.84	-0.007	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	20	0.69	0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	30	-0.59	-0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	40	-3.02	-0.004	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	50	-6.18	-0.009	PASS
NVNT	Band1	1.4	23017	6	#0	16QAM	NV	-30	-5.95	-0.009	PASS

	2										
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	-20	-7.21	-0.010	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	0	-5.84	-0.008	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	10	-3.40	-0.005	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	20	2.25	0.003	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	30	2.42	0.003	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	40	-1.99	-0.003	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	50	-7.22	-0.010	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	-30	-7.72	-0.011	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	-20	-4.06	-0.006	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	0	-2.56	-0.004	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	10	-1.42	-0.002	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	20	-2.93	-0.004	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	30	-1.92	-0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	40	2.27	0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	50	-1.87	-0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	-30	-4.26	-0.006	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	-20	-1.42	-0.002	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	0	-0.73	-0.001	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	10	-0.60	-0.001	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	20	0.06	0.000	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	30	0.19	0.000	PASS

NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	40	0.37	0.001	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	50	-3.10	-0.004	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	-30	2.17	0.003	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	-20	-1.99	-0.003	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	0	-2.57	-0.004	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	10	-7.18	-0.010	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	20	-6.67	-0.009	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	30	-4.03	-0.006	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	40	-6.14	-0.009	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	50	0.51	0.001	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	-30	0.43	0.001	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	-20	-4.71	-0.007	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	0	1.20	0.002	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	10	-3.96	-0.006	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	20	-2.75	-0.004	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	30	-1.27	-0.002	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	40	-3.98	-0.006	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	50	1.19	0.002	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	-30	-4.56	-0.007	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	-20	0.09	0.000	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	0	-4.46	-0.006	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	10	2.13	0.003	PASS

	2										
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	20	2.32	0.003	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	30	-1.43	-0.002	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	40	-1.62	-0.002	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	50	2.32	0.003	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	-30	-0.16	0.000	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	-20	-7.51	-0.011	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	0	-5.82	-0.008	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	10	-5.22	-0.007	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	20	-4.22	-0.006	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	30	-4.75	-0.007	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	40	-3.56	-0.005	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	50	-4.51	-0.006	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	-30	-1.67	-0.002	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	-20	-2.39	-0.003	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	0	-2.29	-0.003	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	10	-2.55	-0.004	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	20	-2.03	-0.003	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	30	-3.20	-0.005	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	40	-4.75	-0.007	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	50	-4.52	-0.006	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	-30	-6.78	-0.010	PASS

NVNT	Band1 2	3	23095	15	#0	16QAM	NV	-20	-5.26	-0.007	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	0	-1.56	-0.002	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	10	-8.84	-0.012	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	20	-8.94	-0.013	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	30	-3.75	-0.005	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	40	-5.18	-0.007	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	50	0.40	0.001	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	-30	-0.56	-0.001	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	-20	-5.18	-0.007	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	0	-6.72	-0.009	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	10	-3.03	-0.004	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	20	-7.41	-0.010	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	30	-0.23	0.000	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	40	-8.30	-0.012	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	50	-1.43	-0.002	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	-30	-7.18	-0.010	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	-20	-2.75	-0.004	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	0	-2.35	-0.003	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	10	-1.36	-0.002	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	20	-4.66	-0.007	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	30	-0.37	-0.001	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	40	-3.89	-0.005	PASS

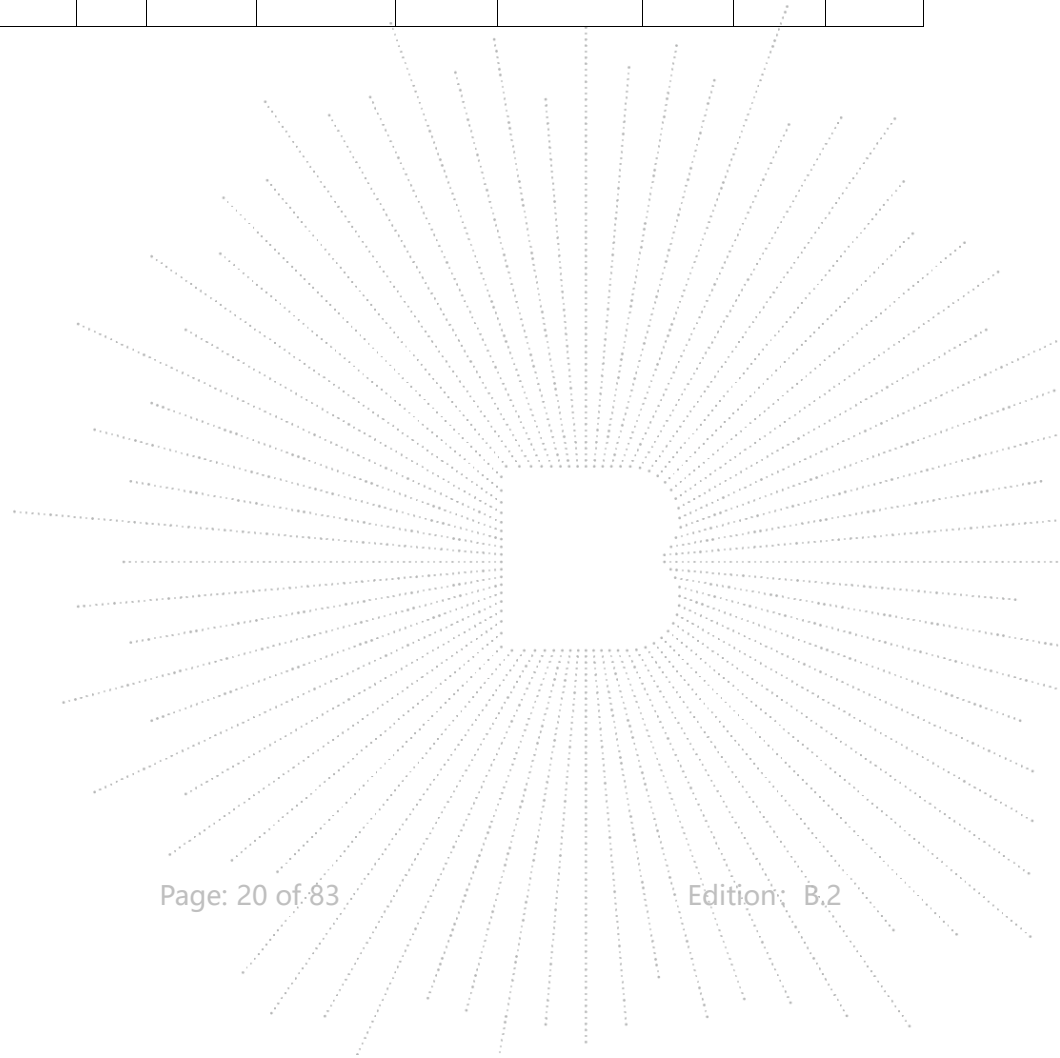
	2										
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	50	0.33	0.000	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	-30	-2.69	-0.004	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	-20	-4.22	-0.006	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	0	-2.88	-0.004	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	10	-2.16	-0.003	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	20	-2.79	-0.004	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	30	-2.83	-0.004	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	40	-5.11	-0.007	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	50	-3.88	-0.006	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	-30	-2.60	-0.004	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	-20	-6.09	-0.009	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	0	-2.50	-0.004	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	10	-1.82	-0.003	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	20	-4.63	-0.007	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	30	-5.25	-0.007	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	40	-4.02	-0.006	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	50	-4.51	-0.006	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	-30	-1.59	-0.002	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	-20	-2.56	-0.004	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	0	-1.47	-0.002	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	10	-5.25	-0.007	PASS

NVNT	Band1 2	5	23095	25	#0	QPSK	NV	20	-1.82	-0.003	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	30	1.62	0.002	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	40	1.12	0.002	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	50	-3.06	-0.004	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	-30	3.69	0.005	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	-20	-1.34	-0.002	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	0	2.06	0.003	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	10	2.15	0.003	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	20	-5.72	-0.008	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	30	0.99	0.001	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	40	2.25	0.003	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	50	0.26	0.000	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	-30	-2.83	-0.004	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	-20	-10.21	-0.014	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	0	-4.91	-0.007	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	10	-1.62	-0.002	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	20	-1.79	-0.003	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	30	-2.69	-0.004	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	40	1.04	0.001	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	50	-3.86	-0.005	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	-30	-5.39	-0.008	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	-20	-4.84	-0.007	PASS

	2										
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	0	-3.28	-0.005	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	10	-2.92	-0.004	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	20	-2.93	-0.004	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	30	-2.93	-0.004	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	40	-5.14	-0.007	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	50	-1.80	-0.003	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	-30	0.04	0.000	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	-20	-5.15	-0.007	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	0	2.22	0.003	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	10	-4.28	-0.006	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	20	2.22	0.003	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	30	-3.35	-0.005	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	40	-0.29	0.000	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	50	-0.72	-0.001	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	-30	-0.86	-0.001	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	-20	-3.09	-0.004	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	0	1.12	0.002	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	10	-0.64	-0.001	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	20	-4.28	-0.006	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	30	-4.72	-0.007	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	40	1.34	0.002	PASS

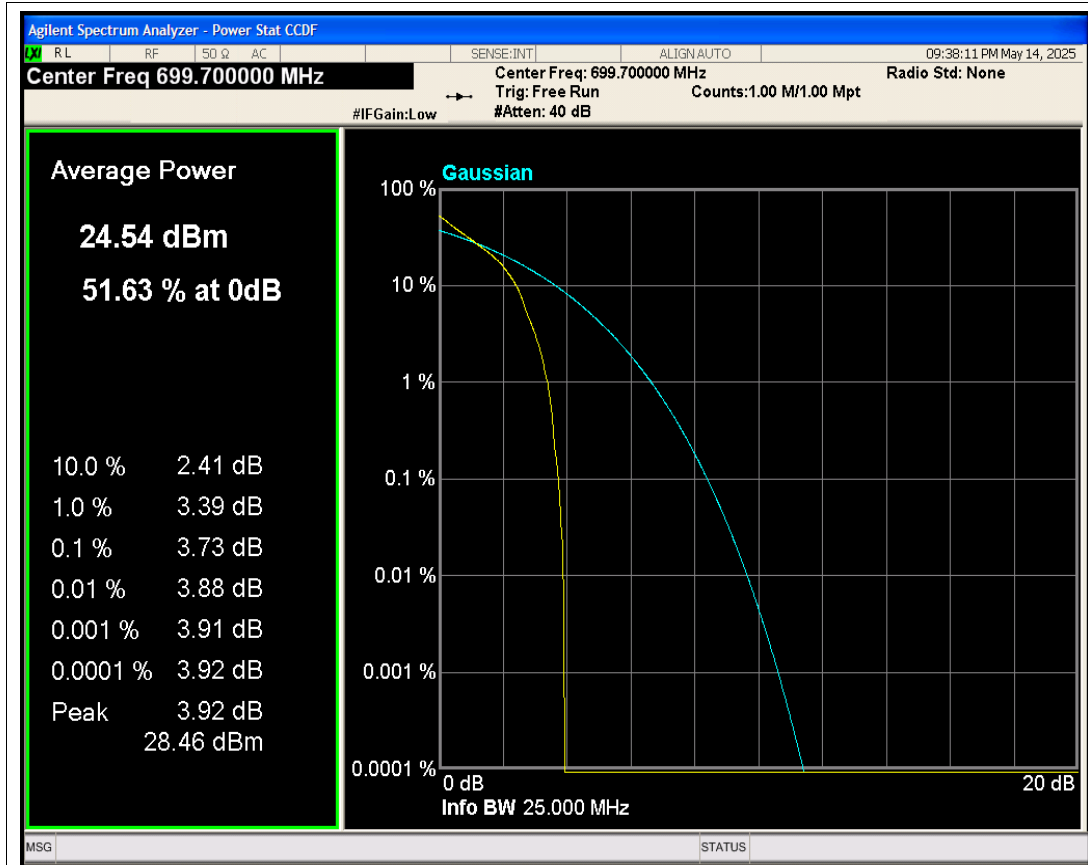
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	50	-1.62	-0.002	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	-30	-4.41	-0.006	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	-20	-0.21	0.000	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	0	-2.03	-0.003	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	10	0.16	0.000	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	20	-2.03	-0.003	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	30	-2.30	-0.003	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	40	-3.92	-0.006	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	50	-4.23	-0.006	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	-30	-4.39	-0.006	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	-20	2.16	0.003	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	0	-2.79	-0.004	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	10	-3.08	-0.004	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	20	-4.15	-0.006	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	30	3.59	0.005	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	40	-2.40	-0.003	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	50	0.69	0.001	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	-30	-7.40	-0.010	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	-20	0.46	0.001	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	0	-3.06	-0.004	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	10	0.49	0.001	PASS
NVNT	Band1	10	23130	50	#0	QPSK	NV	20	-4.41	-0.006	PASS

	2										
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	30	-4.86	-0.007	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	40	1.26	0.002	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	50	-2.36	-0.003	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	-30	1.97	0.003	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	-20	-1.66	-0.002	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	0	-4.88	-0.007	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	10	-3.46	-0.005	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	20	-2.25	-0.003	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	30	-1.23	-0.002	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	40	-3.68	-0.005	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	50	0.84	0.001	PASS

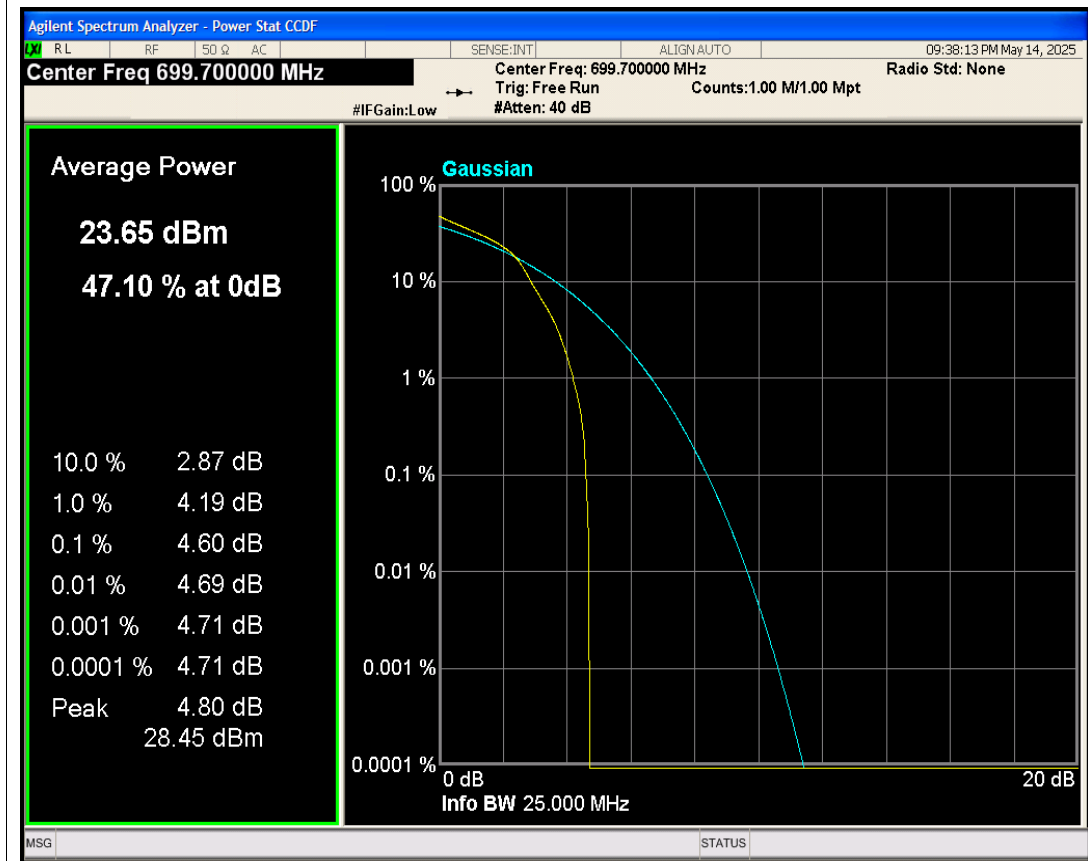


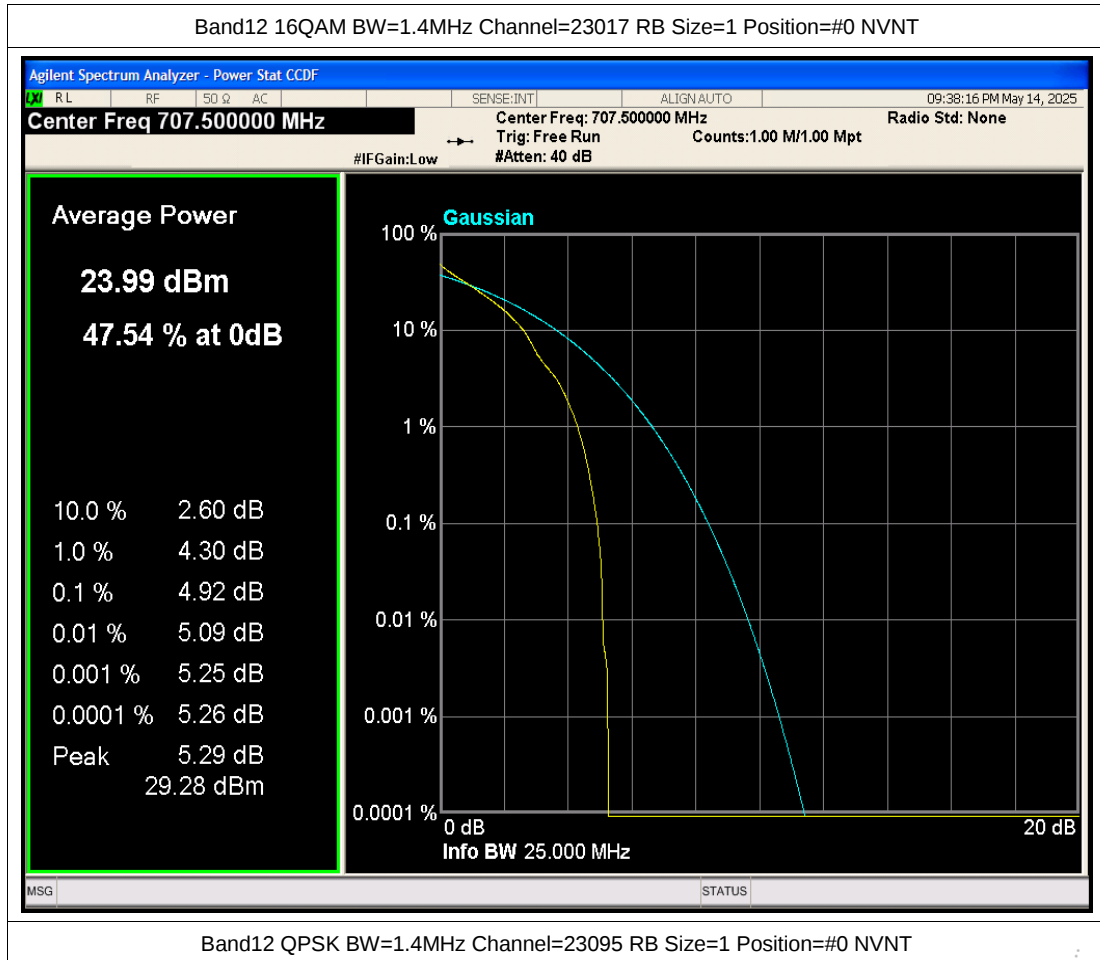
Appendix 3.Peak-to-Average Ratio

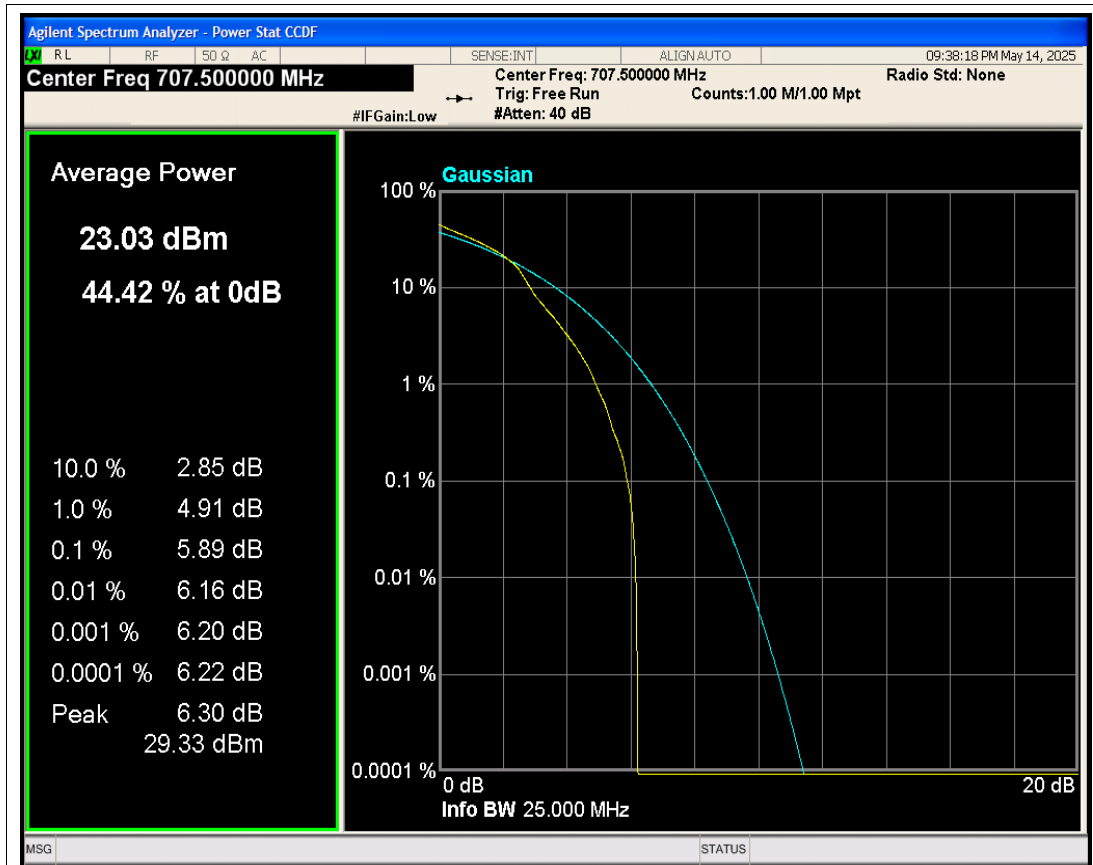
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band12	1.4	23017	1	#0	QPSK	3.73	13	PASS
NVNT	Band12	1.4	23017	1	#0	16QAM	4.60	13	PASS
NVNT	Band12	1.4	23095	1	#0	QPSK	4.92	13	PASS
NVNT	Band12	1.4	23095	1	#0	16QAM	5.89	13	PASS
NVNT	Band12	1.4	23173	1	#0	QPSK	4.38	13	PASS
NVNT	Band12	1.4	23173	1	#0	16QAM	5.19	13	PASS
NVNT	Band12	3	23025	1	#0	QPSK	3.57	13	PASS
NVNT	Band12	3	23025	1	#0	16QAM	4.35	13	PASS
NVNT	Band12	3	23095	1	#0	QPSK	4.77	13	PASS
NVNT	Band12	3	23095	1	#0	16QAM	5.69	13	PASS
NVNT	Band12	3	23165	1	#0	QPSK	4.98	13	PASS
NVNT	Band12	3	23165	1	#0	16QAM	5.96	13	PASS
NVNT	Band12	5	23035	1	#0	QPSK	3.50	13	PASS
NVNT	Band12	5	23035	1	#0	16QAM	4.29	13	PASS
NVNT	Band12	5	23095	1	#0	QPSK	4.73	13	PASS
NVNT	Band12	5	23095	1	#0	16QAM	5.48	13	PASS
NVNT	Band12	5	23155	1	#0	QPSK	4.98	13	PASS
NVNT	Band12	5	23155	1	#0	16QAM	5.61	13	PASS
NVNT	Band12	10	23060	1	#0	QPSK	3.35	13	PASS
NVNT	Band12	10	23060	1	#0	16QAM	4.27	13	PASS
NVNT	Band12	10	23095	1	#0	QPSK	3.63	13	PASS
NVNT	Band12	10	23095	1	#0	16QAM	4.56	13	PASS
NVNT	Band12	10	23130	1	#0	QPSK	4.71	13	PASS
NVNT	Band12	10	23130	1	#0	16QAM	5.48	13	PASS



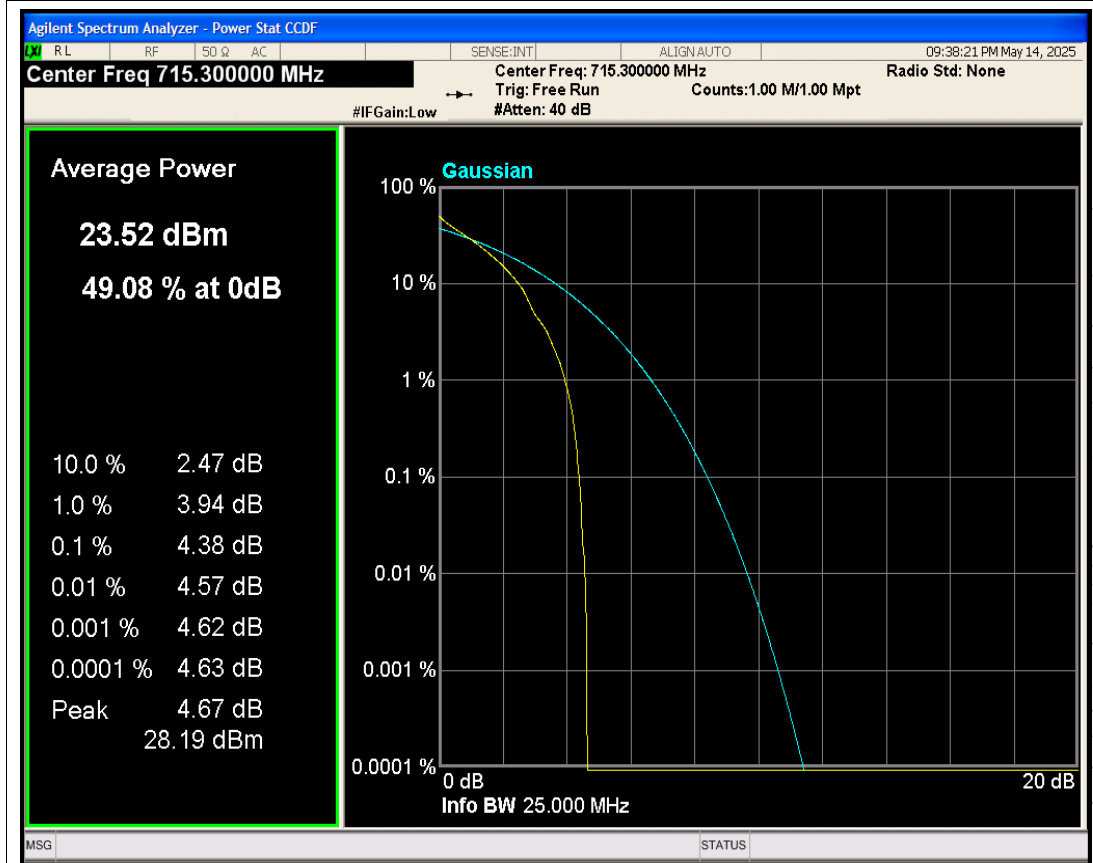
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0 NVNT

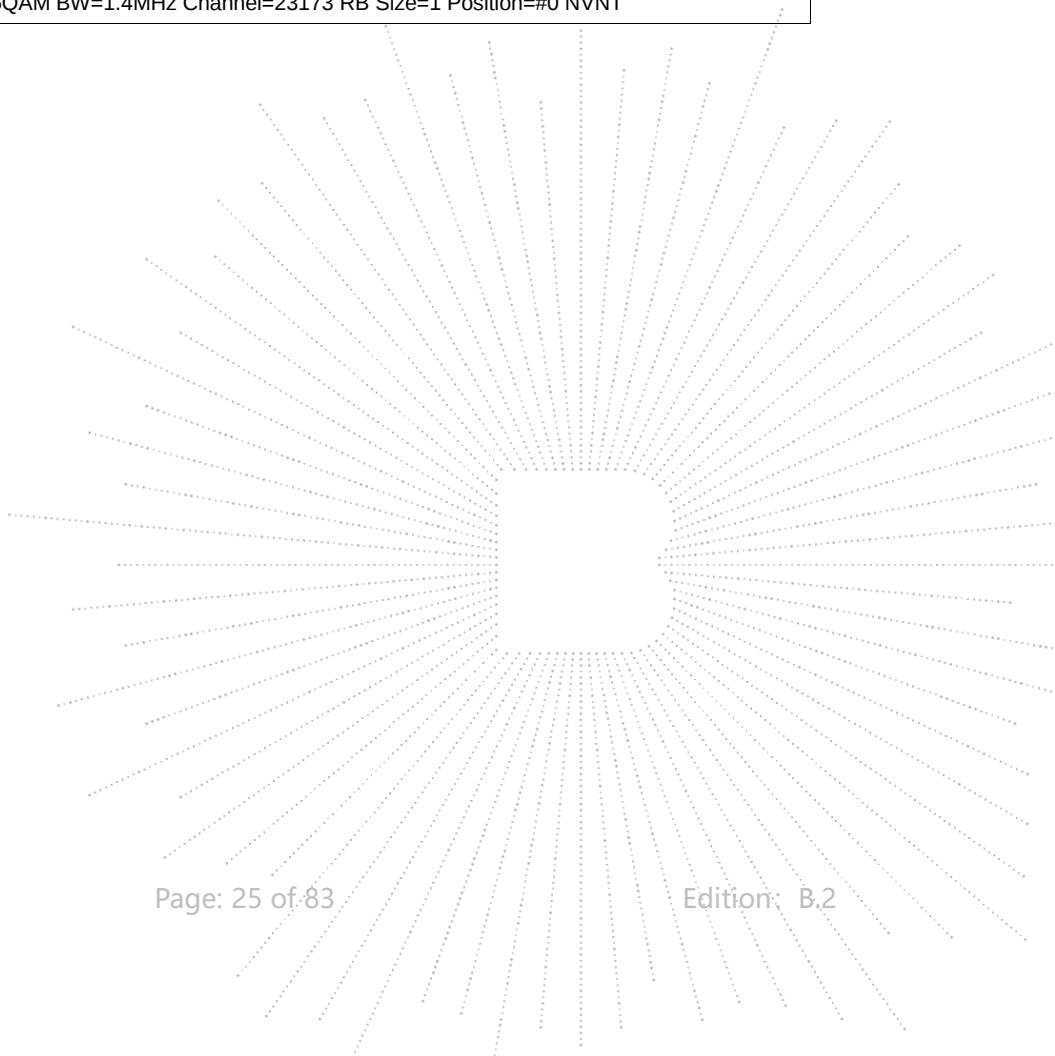
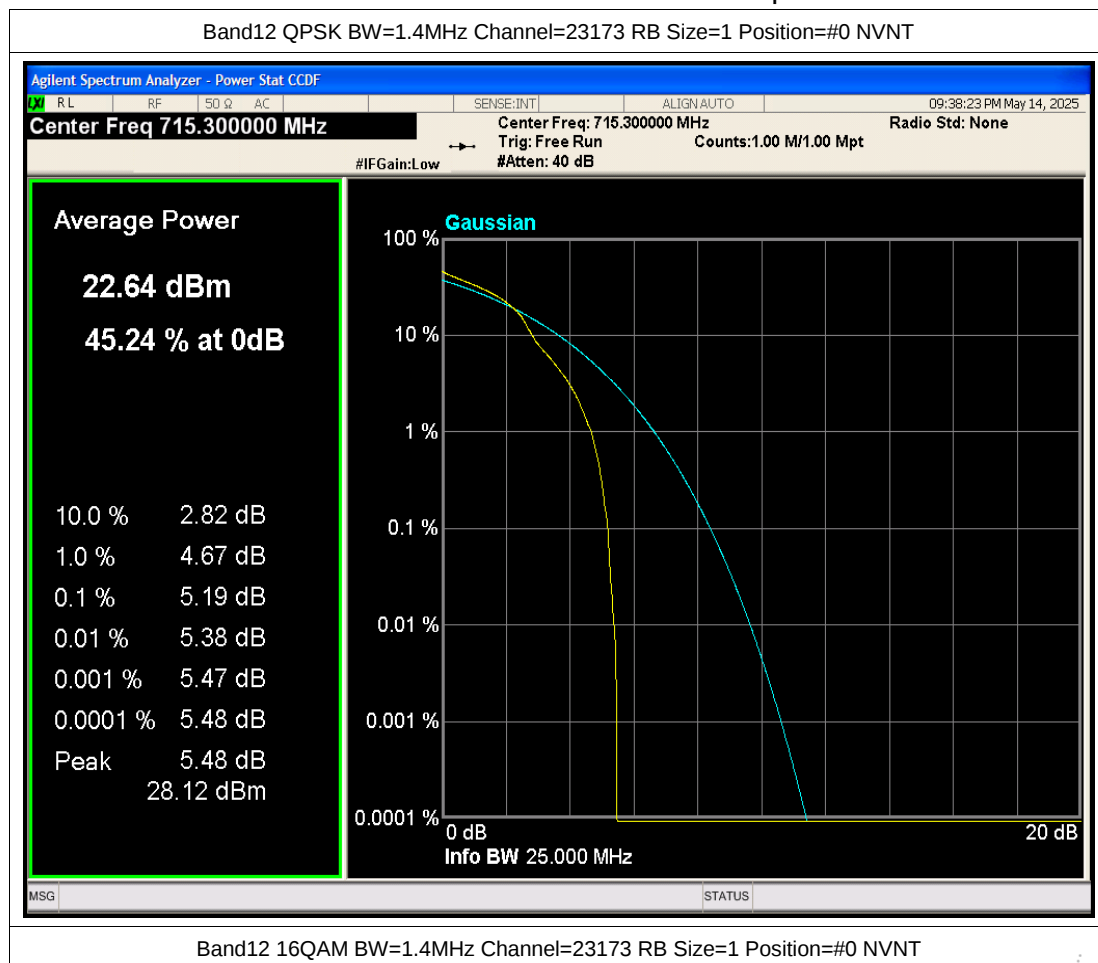


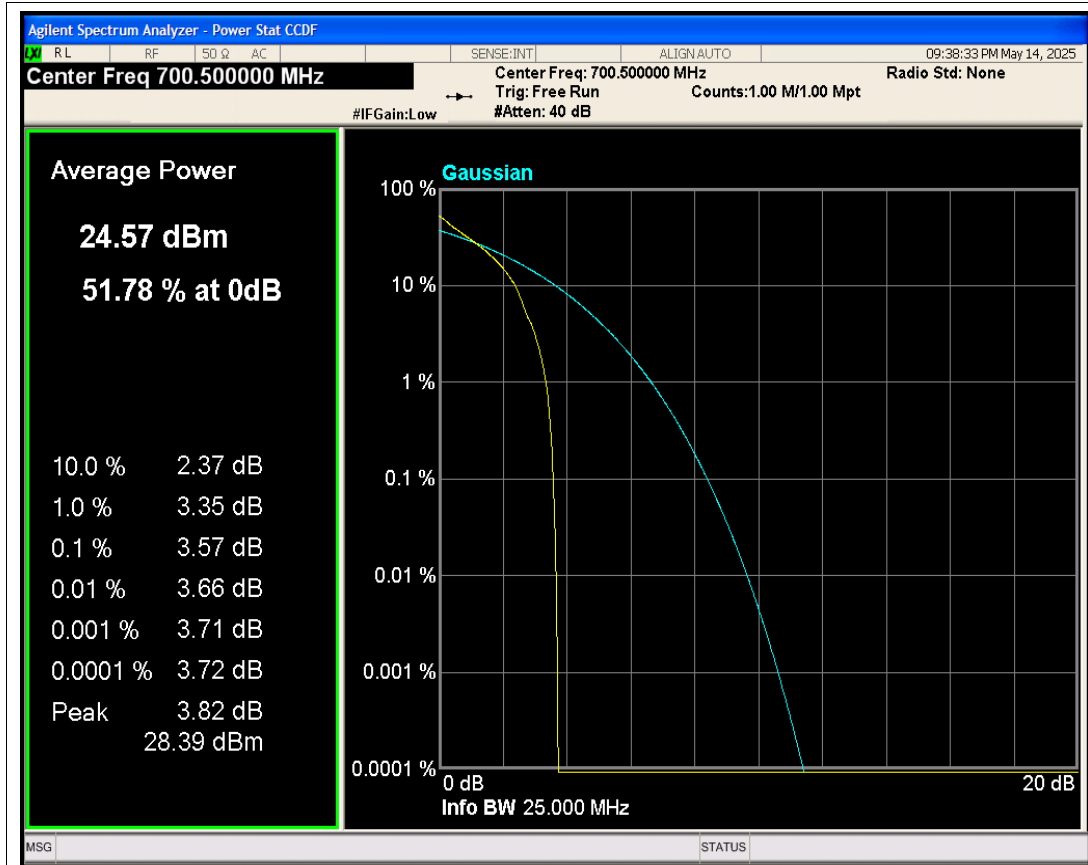




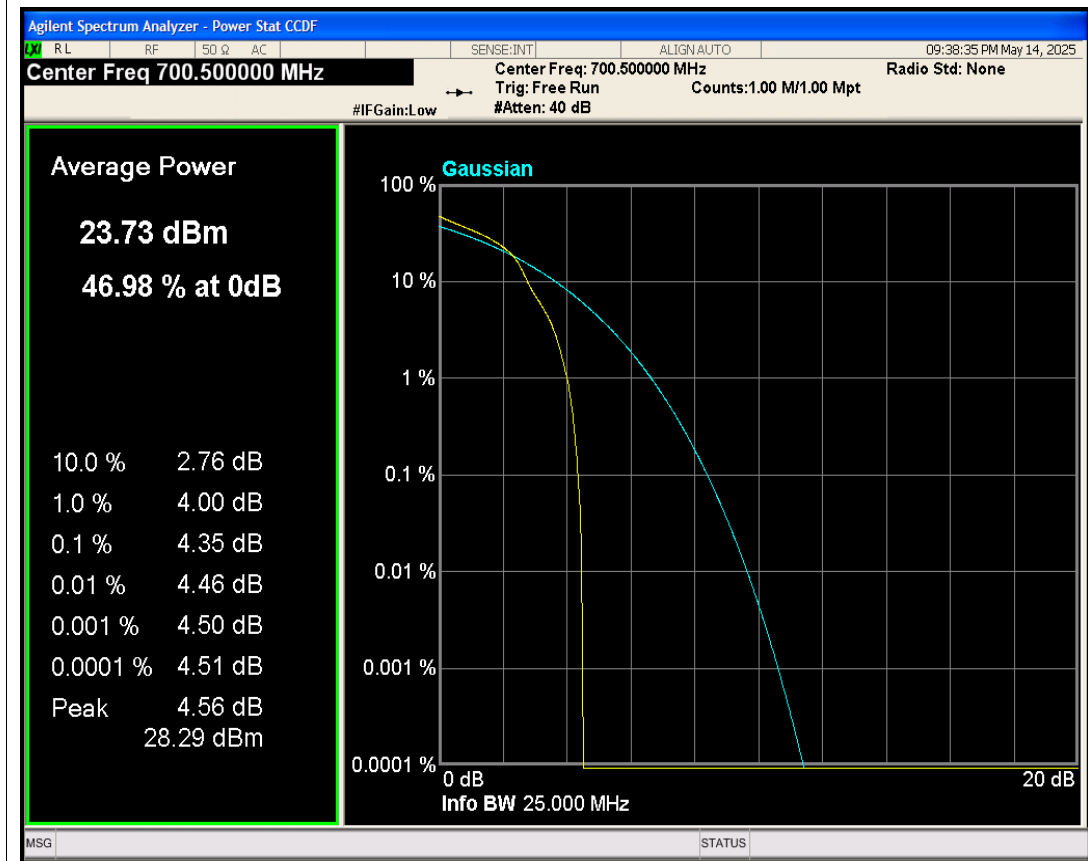
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0 NVNT

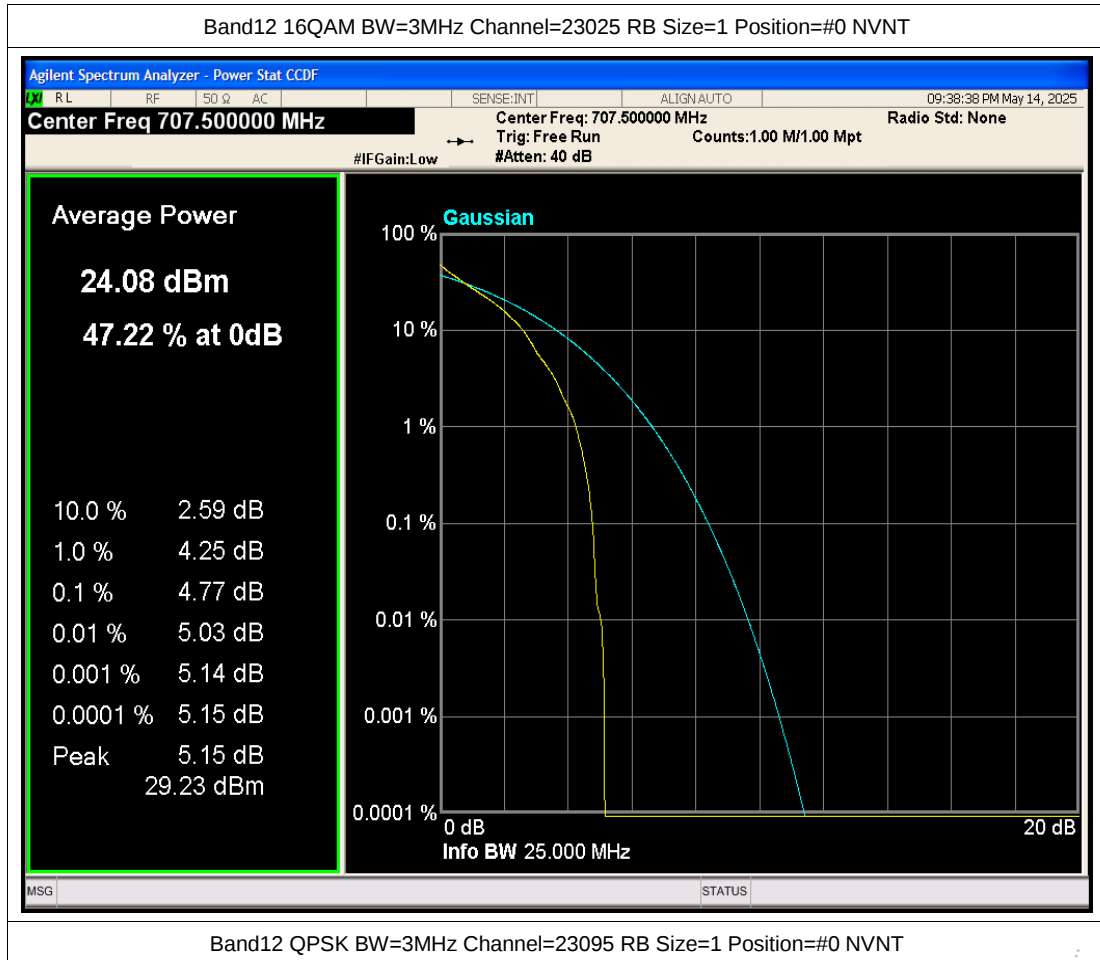


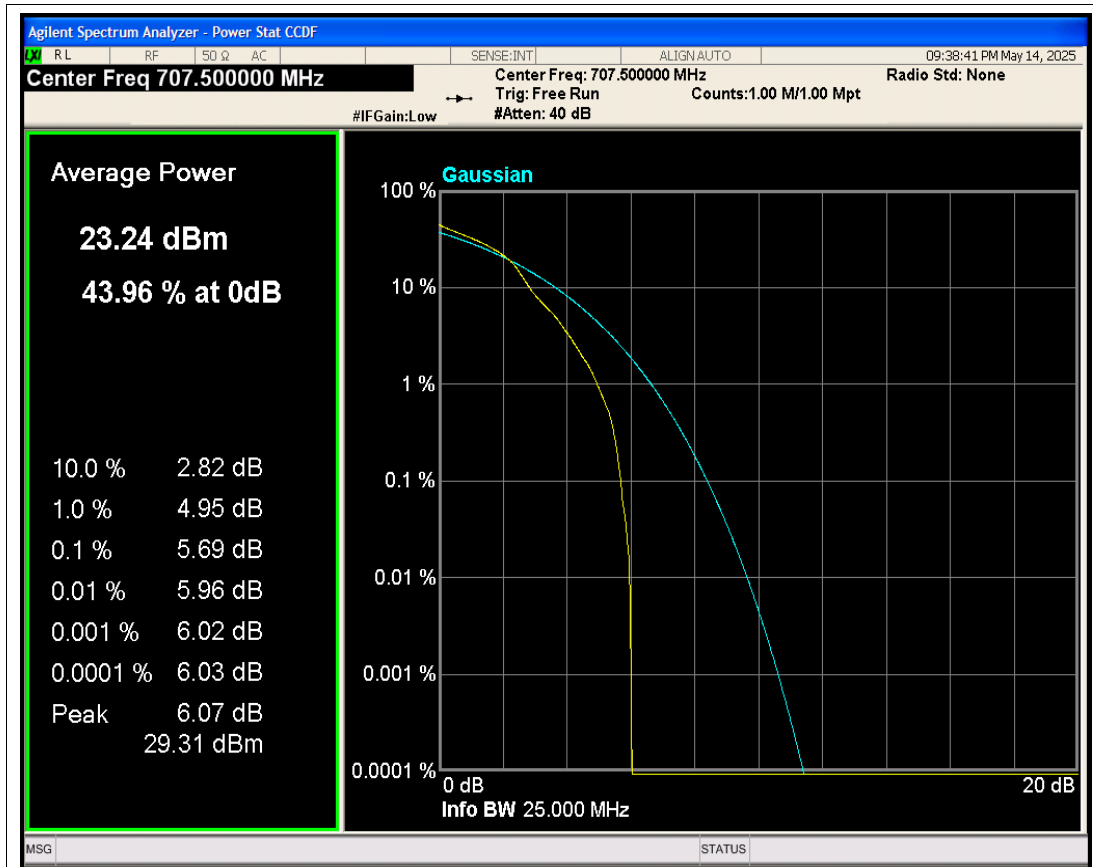




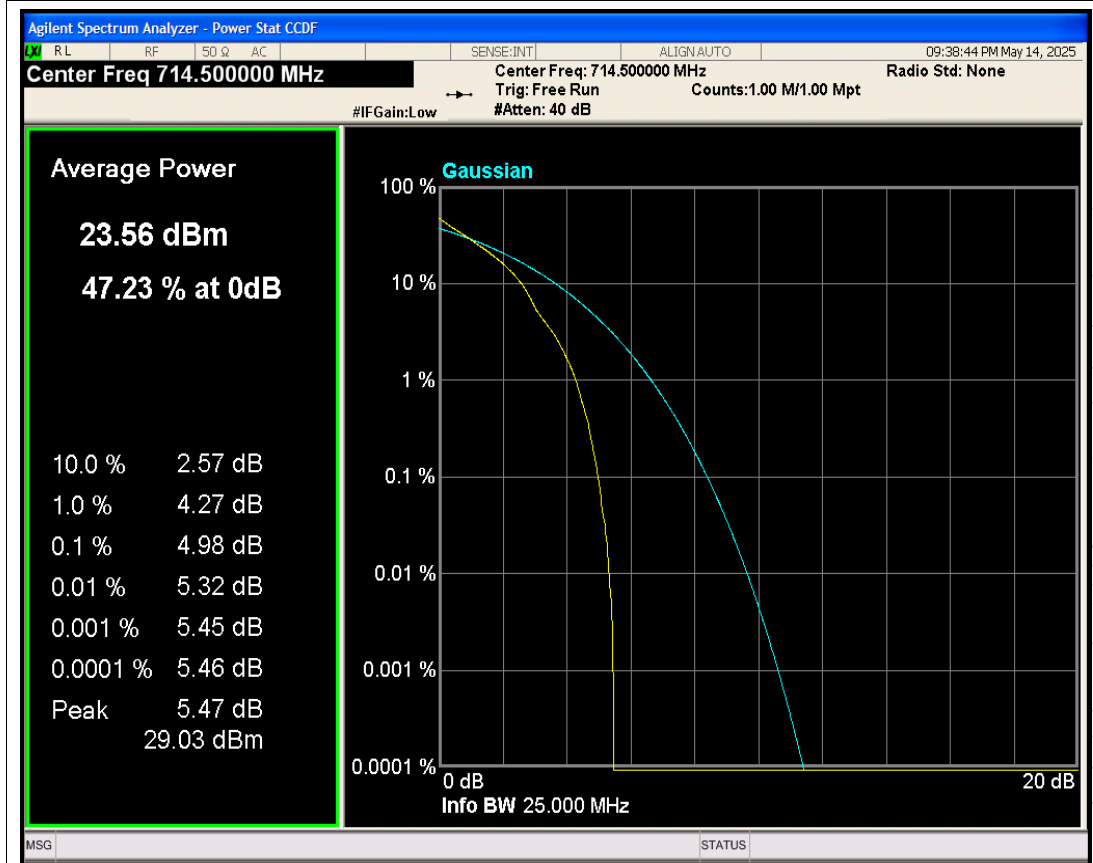
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0 NVNT

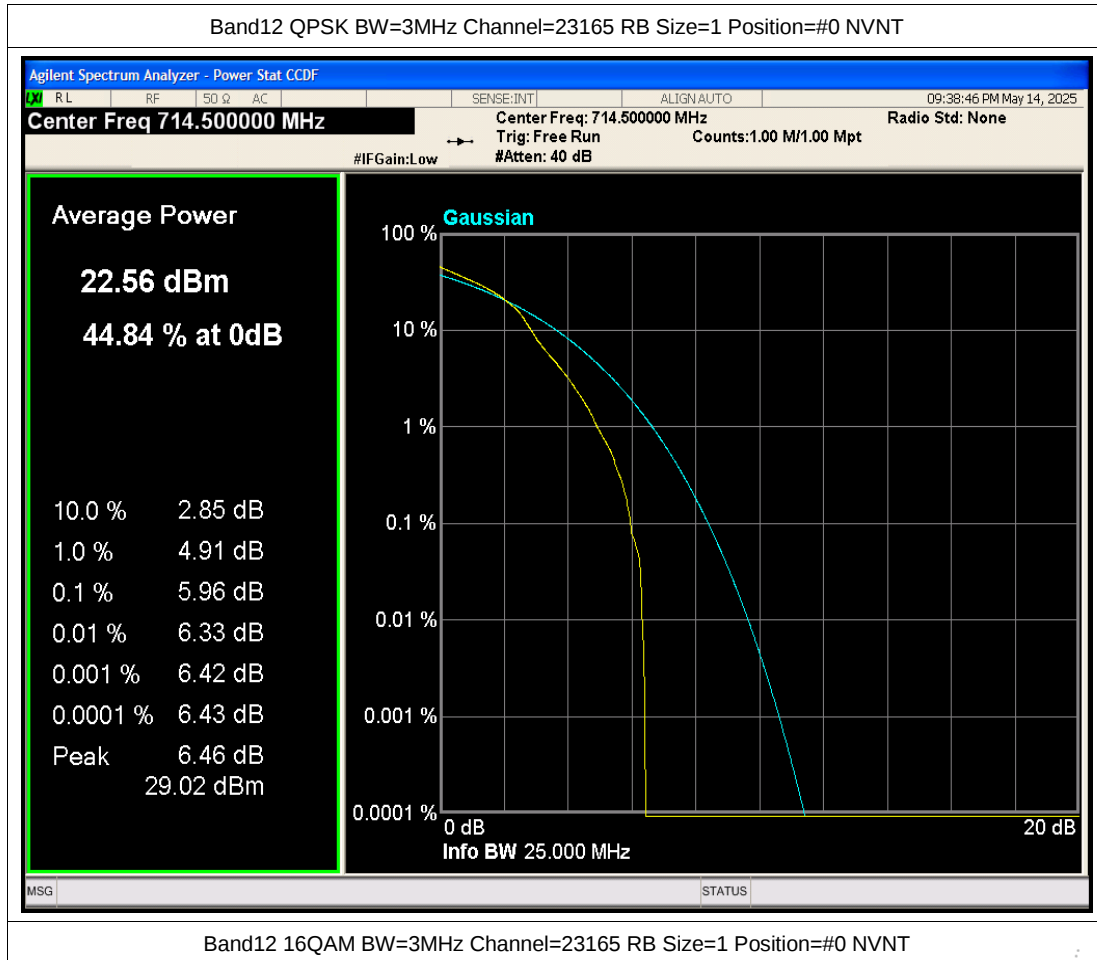


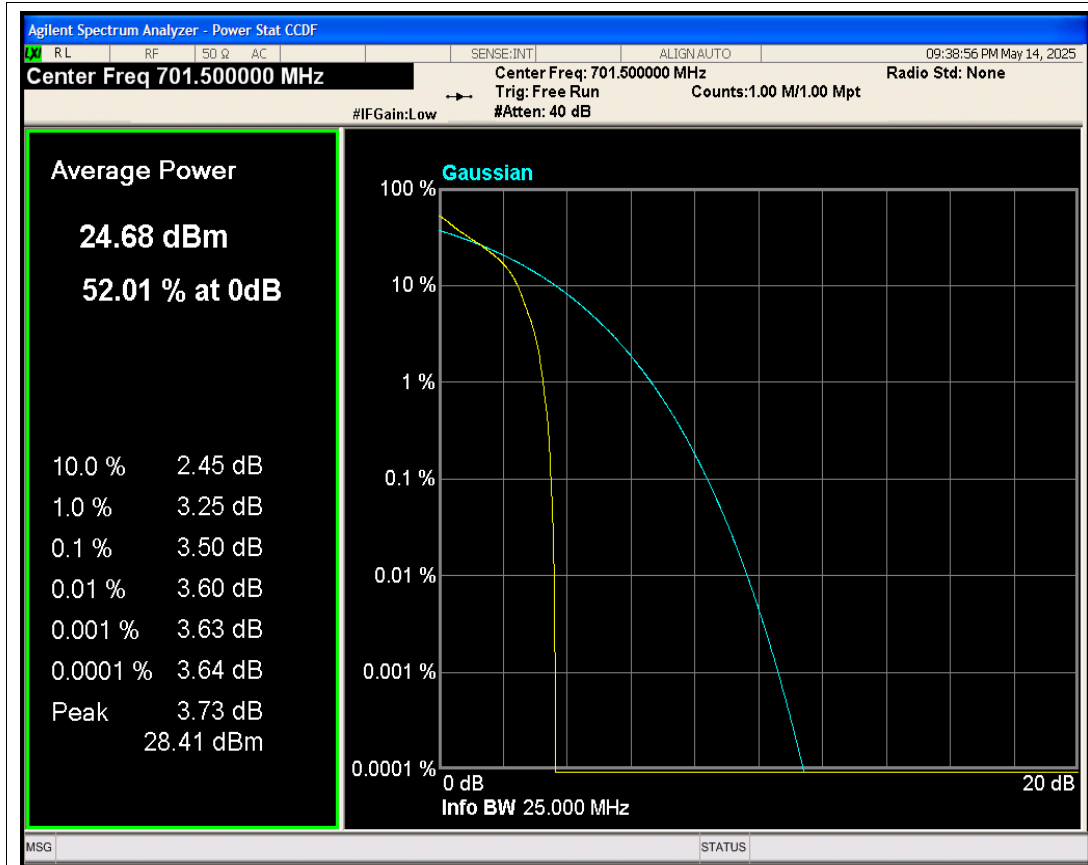




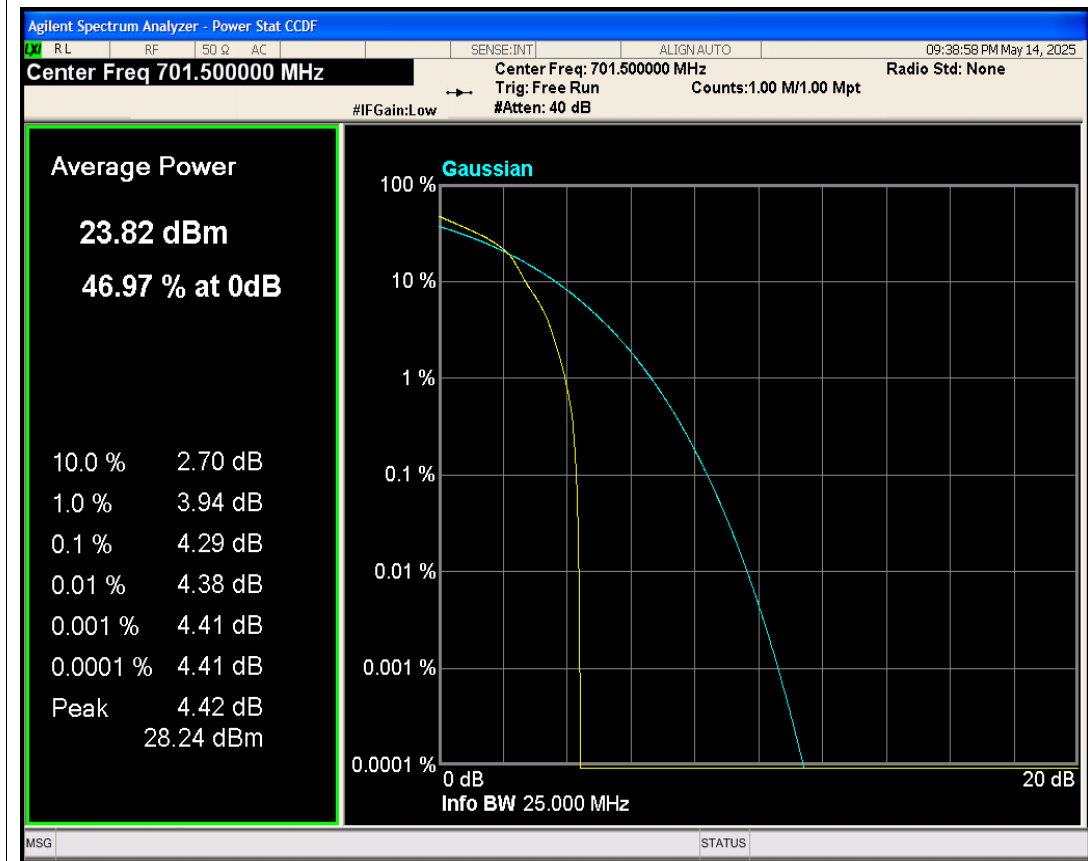
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0 NVNT

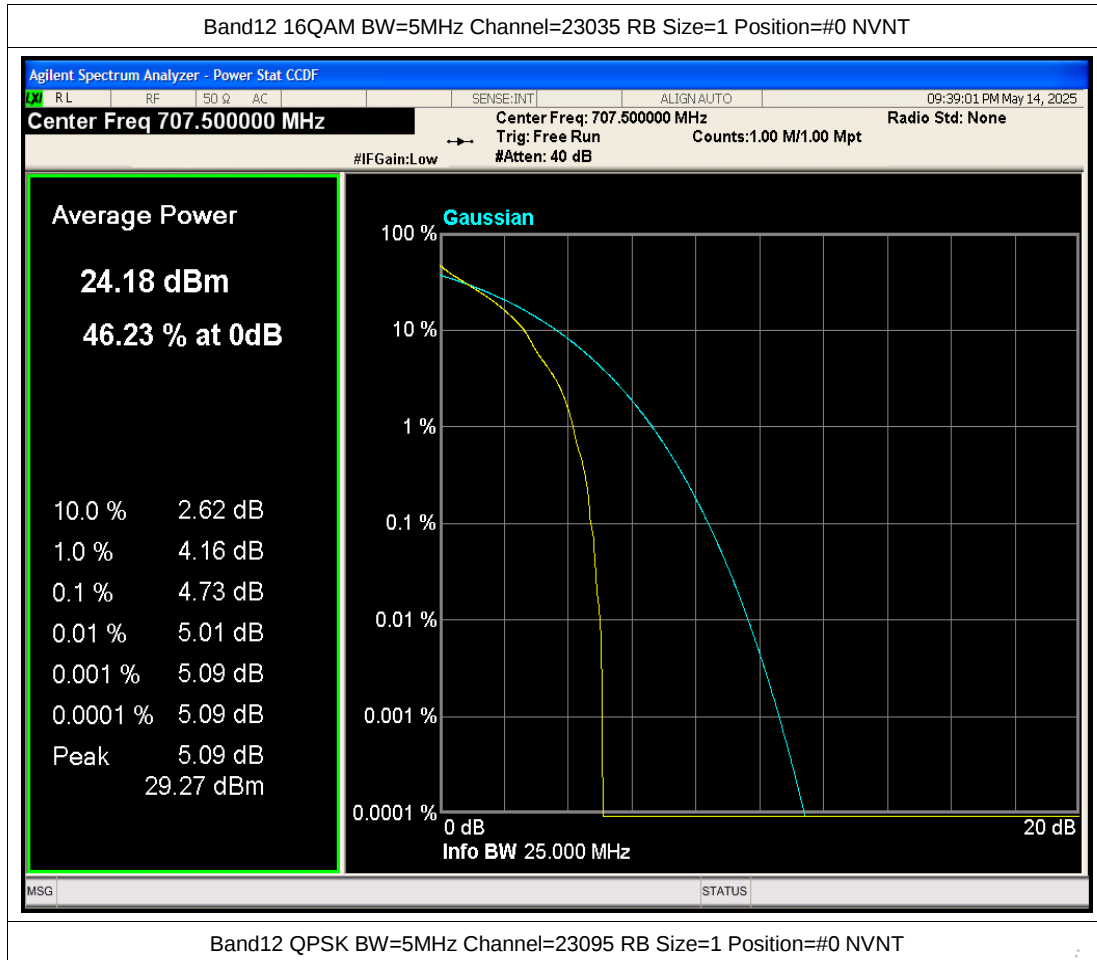


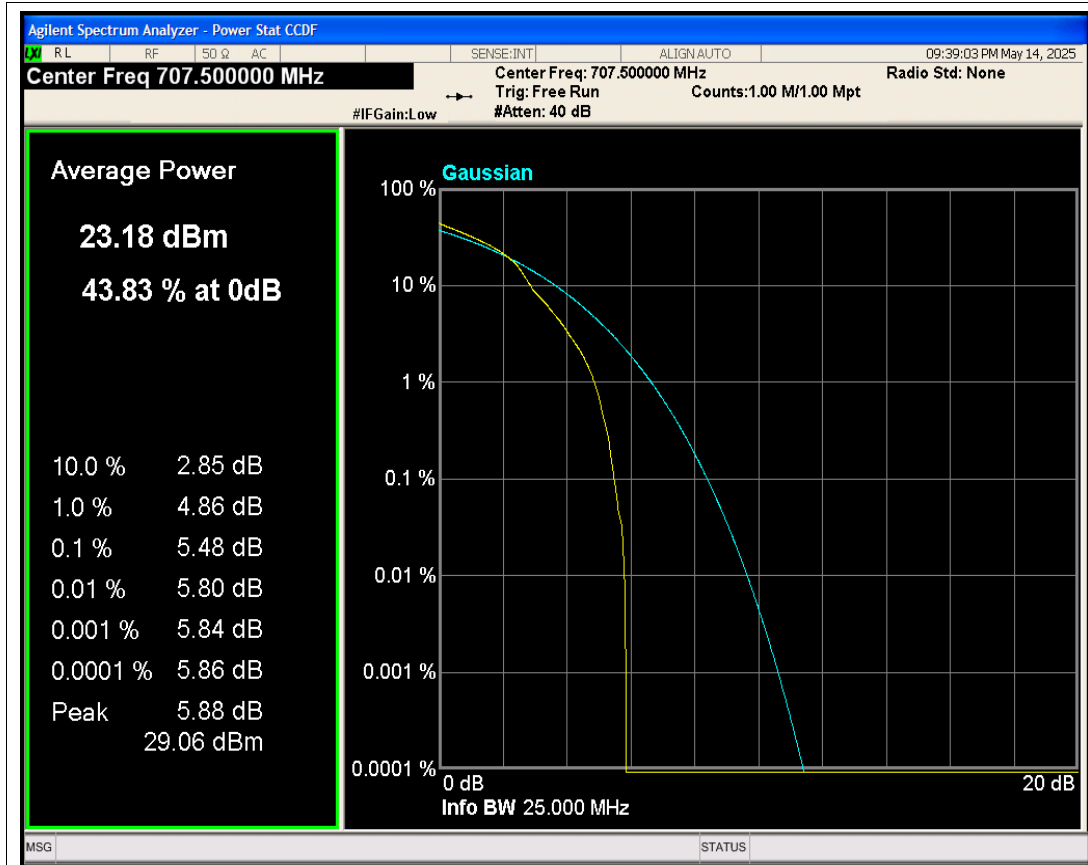




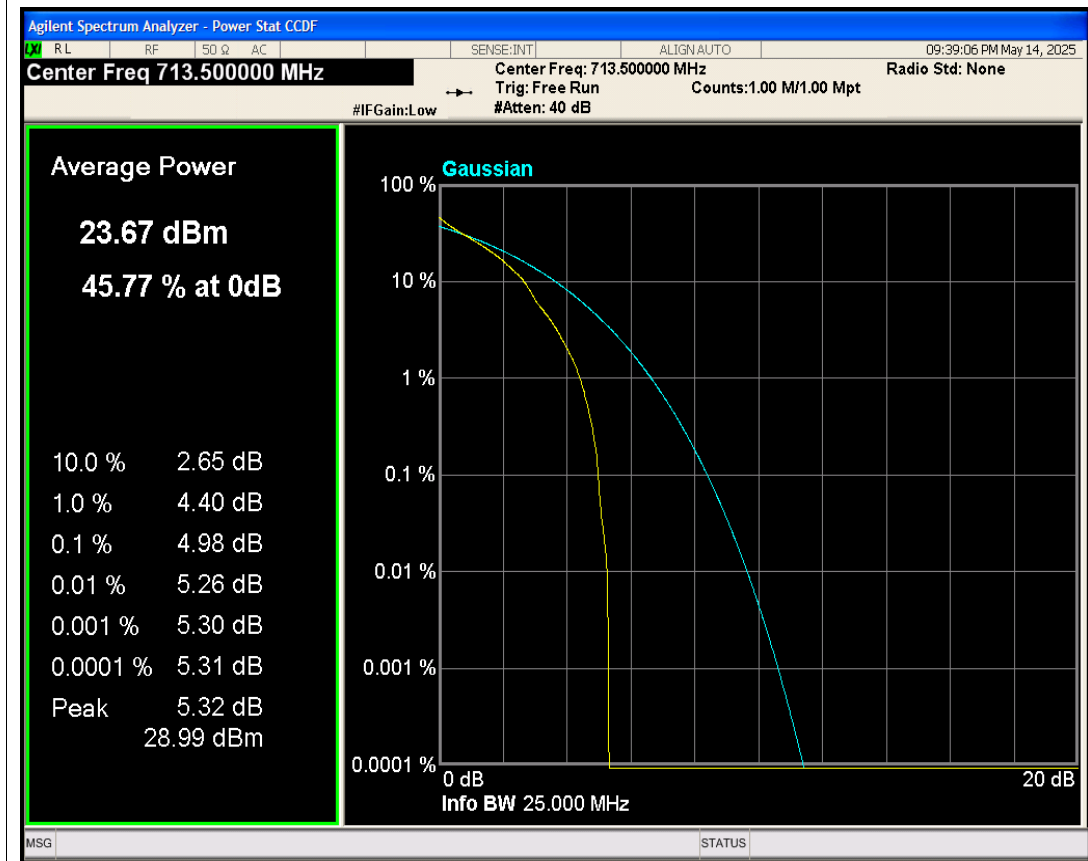
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0 NVNT

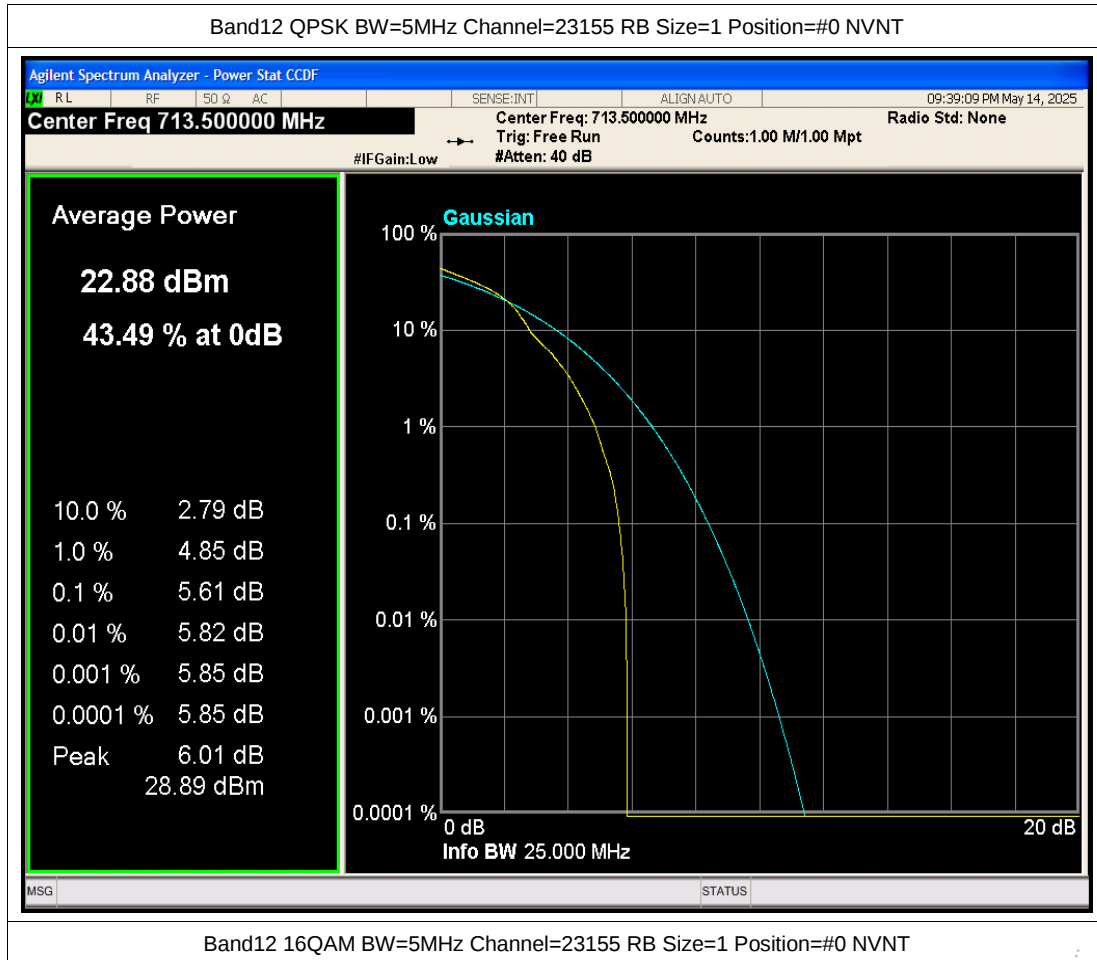


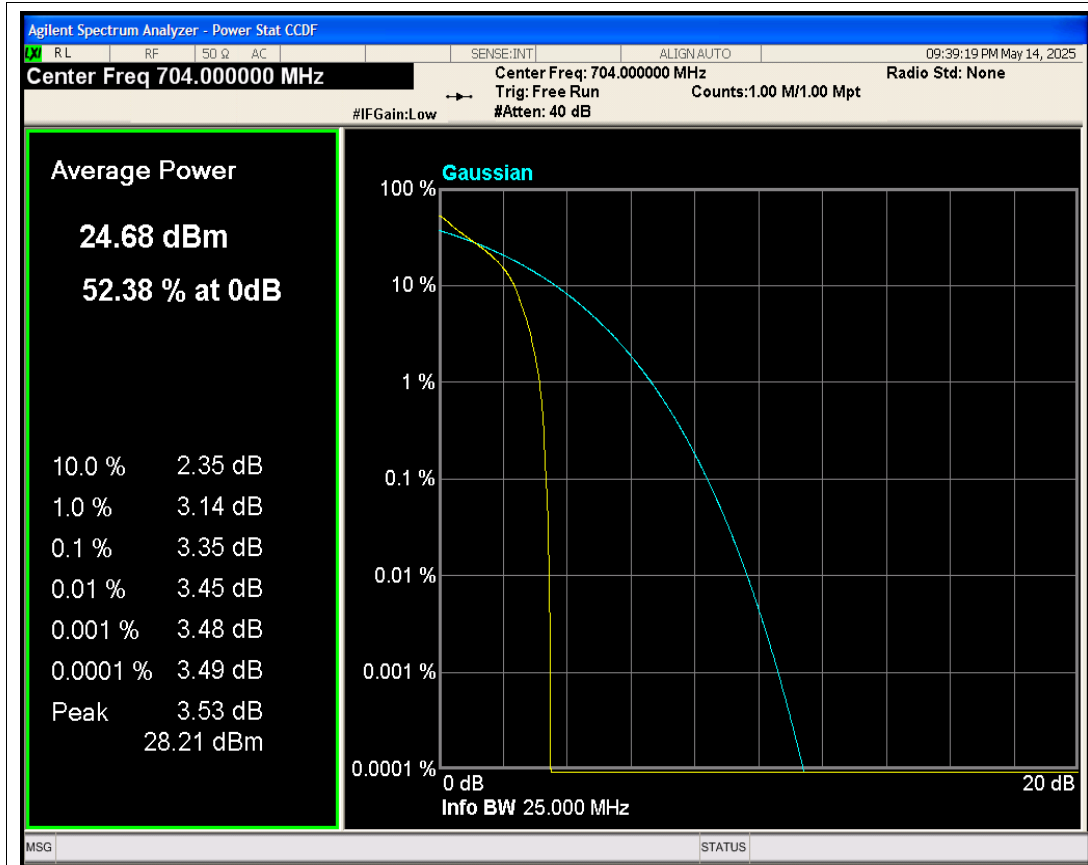




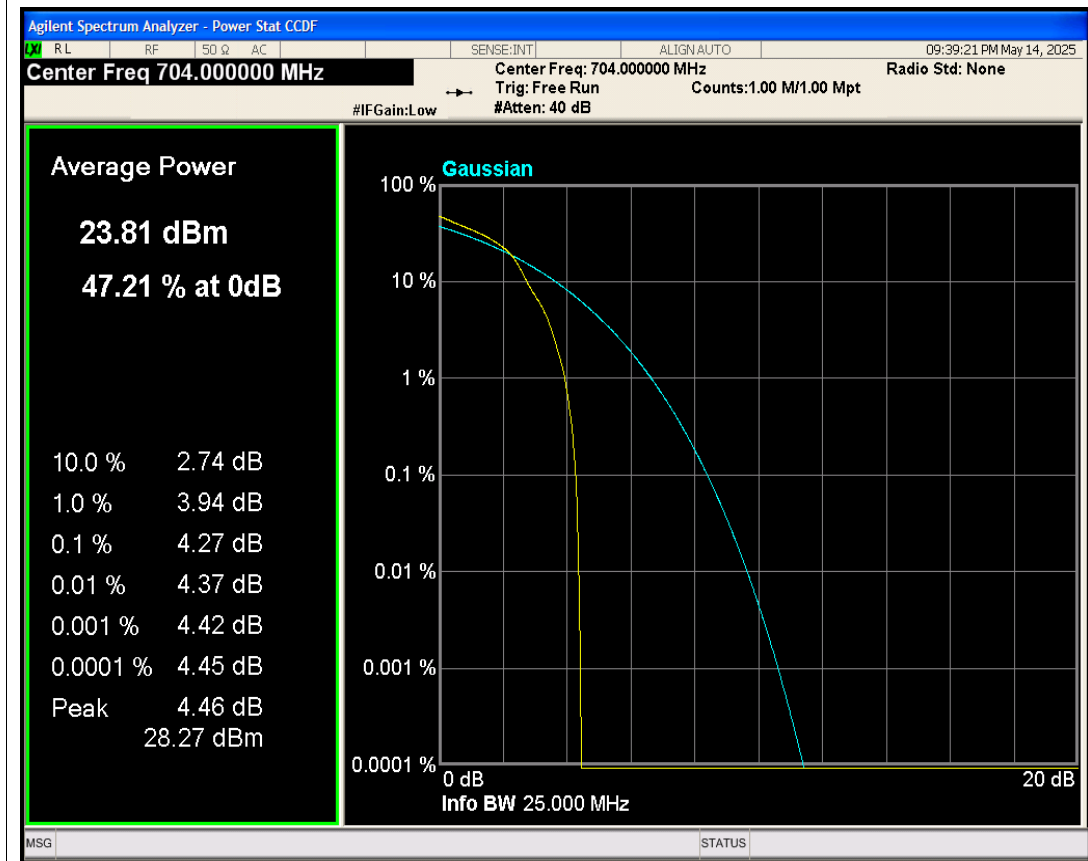
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0 NVNT

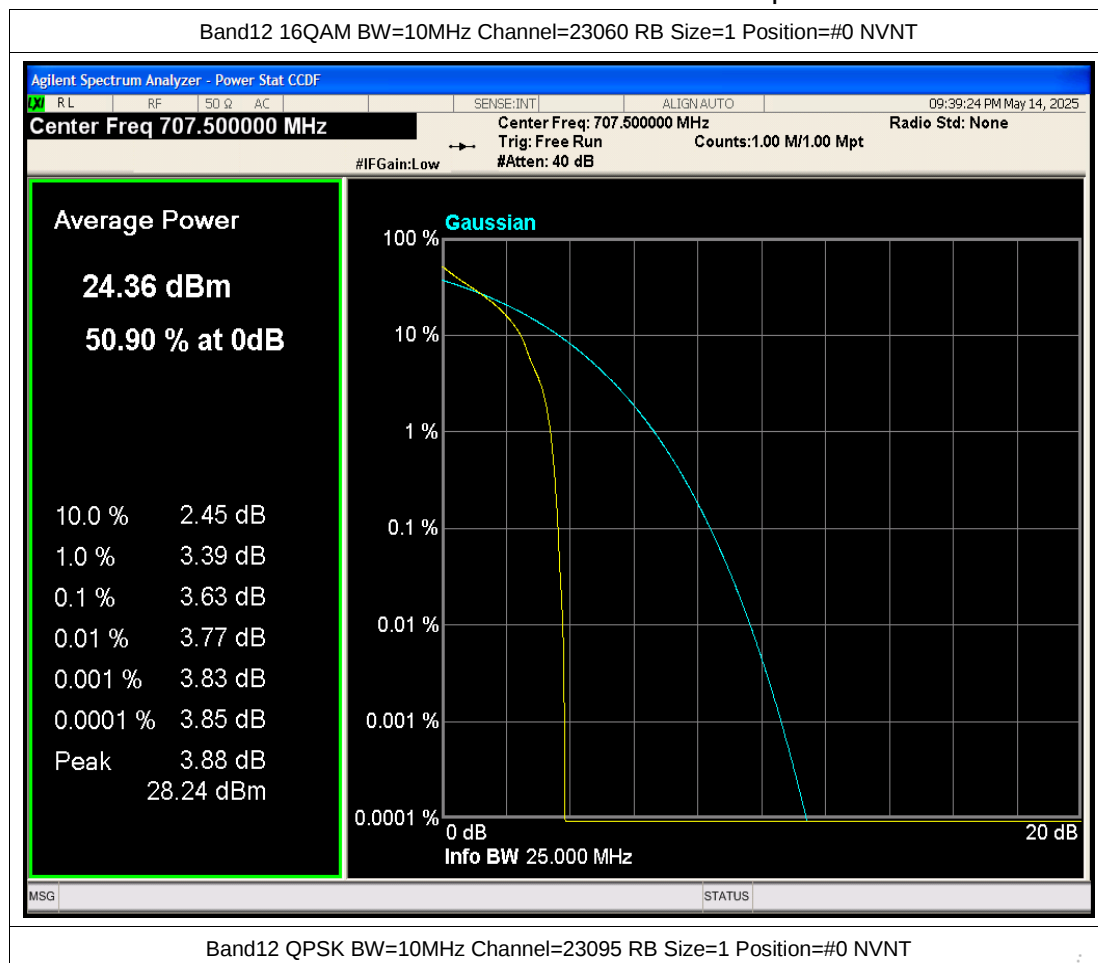


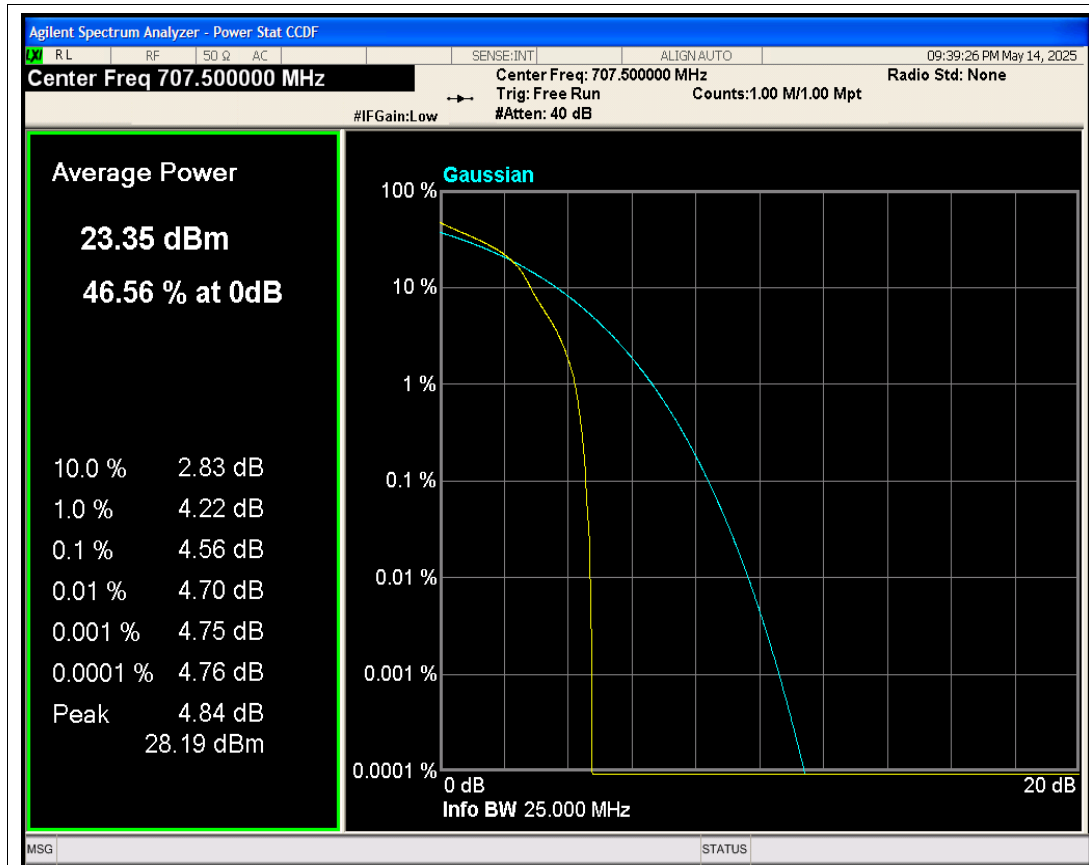




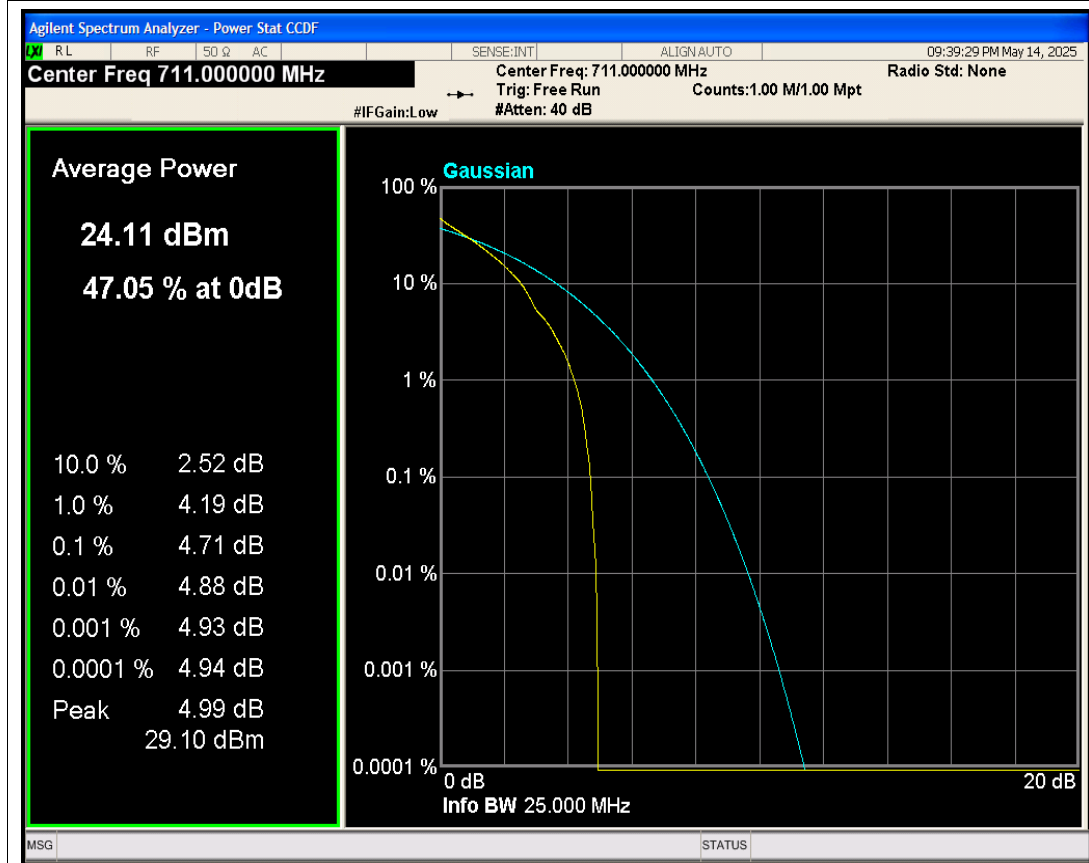
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0 NVNT

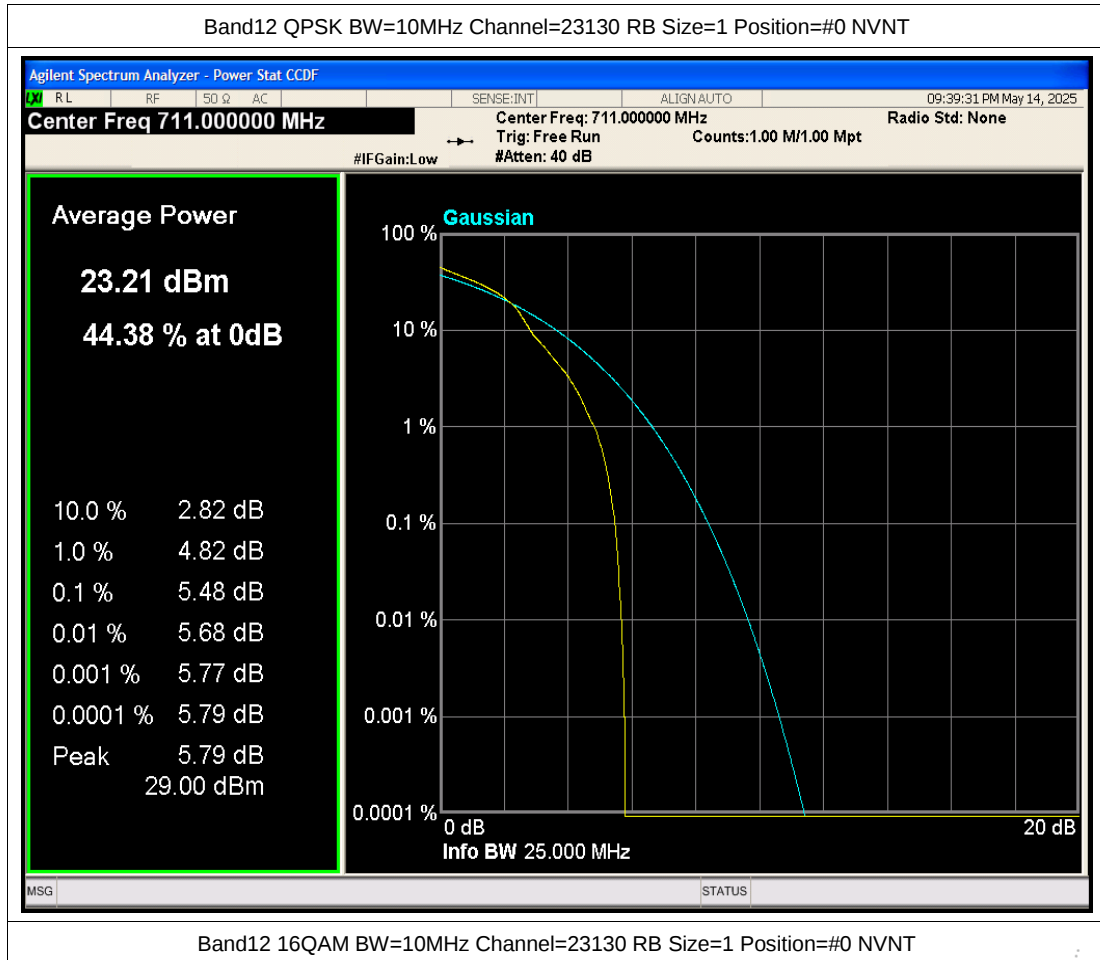






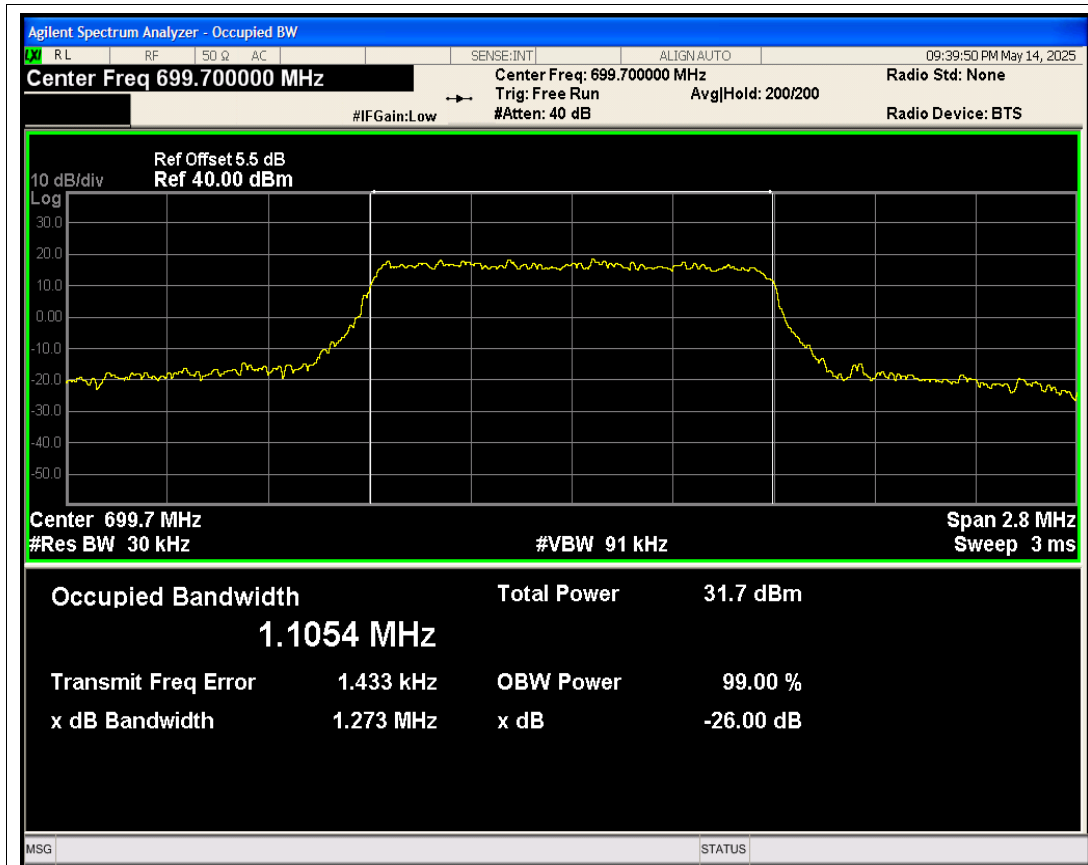
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0 NVNT



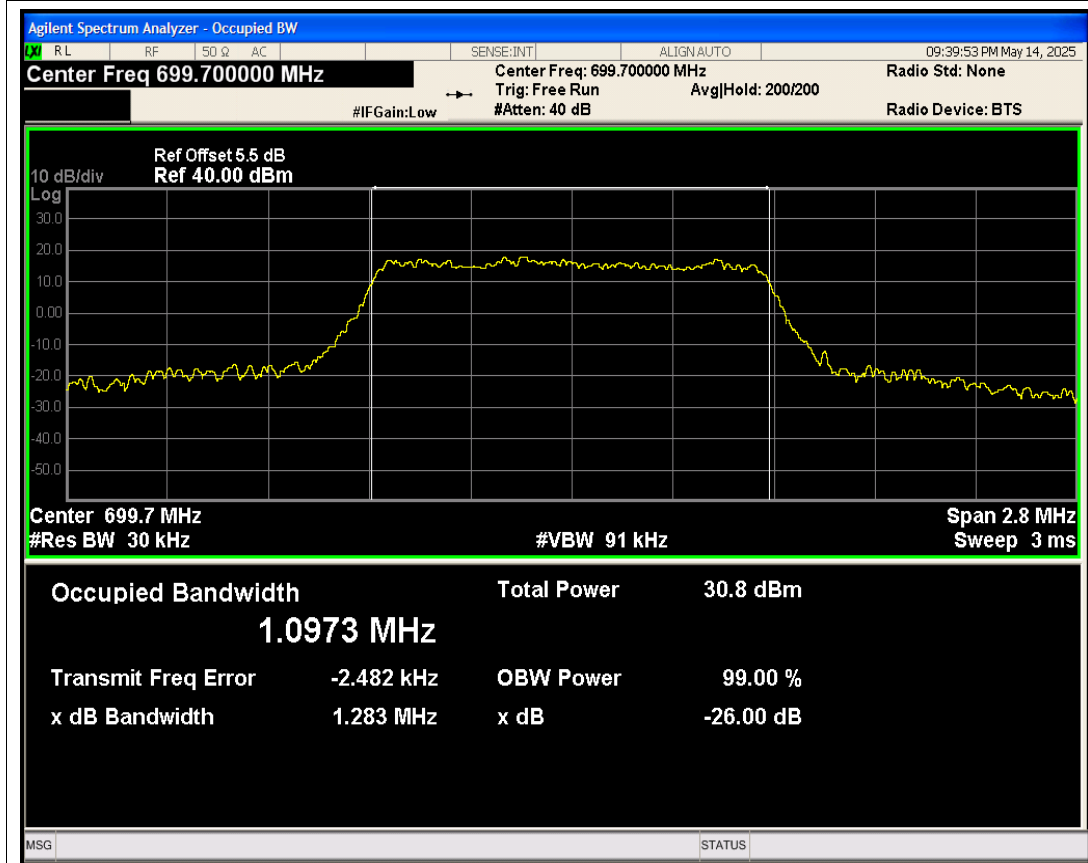


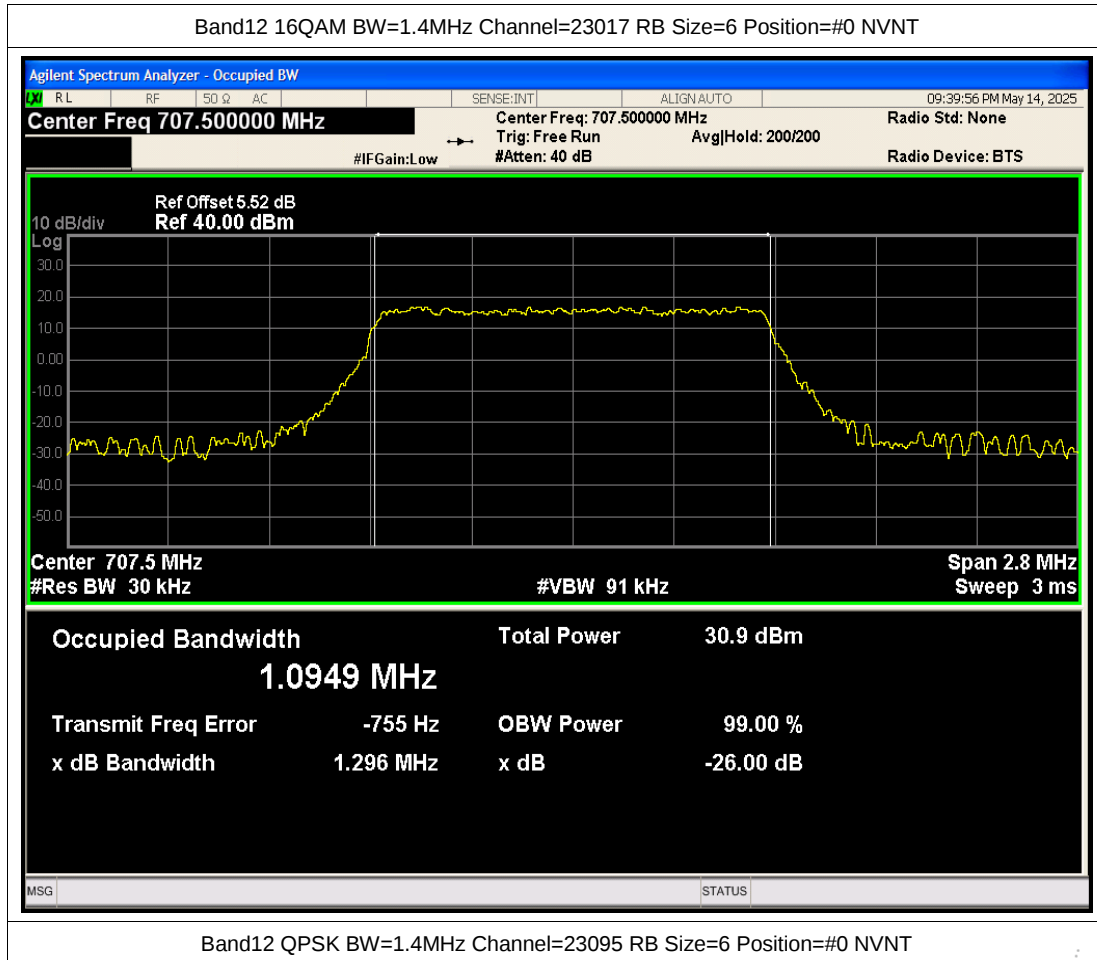
Appendix 4.Occupied bandwidth

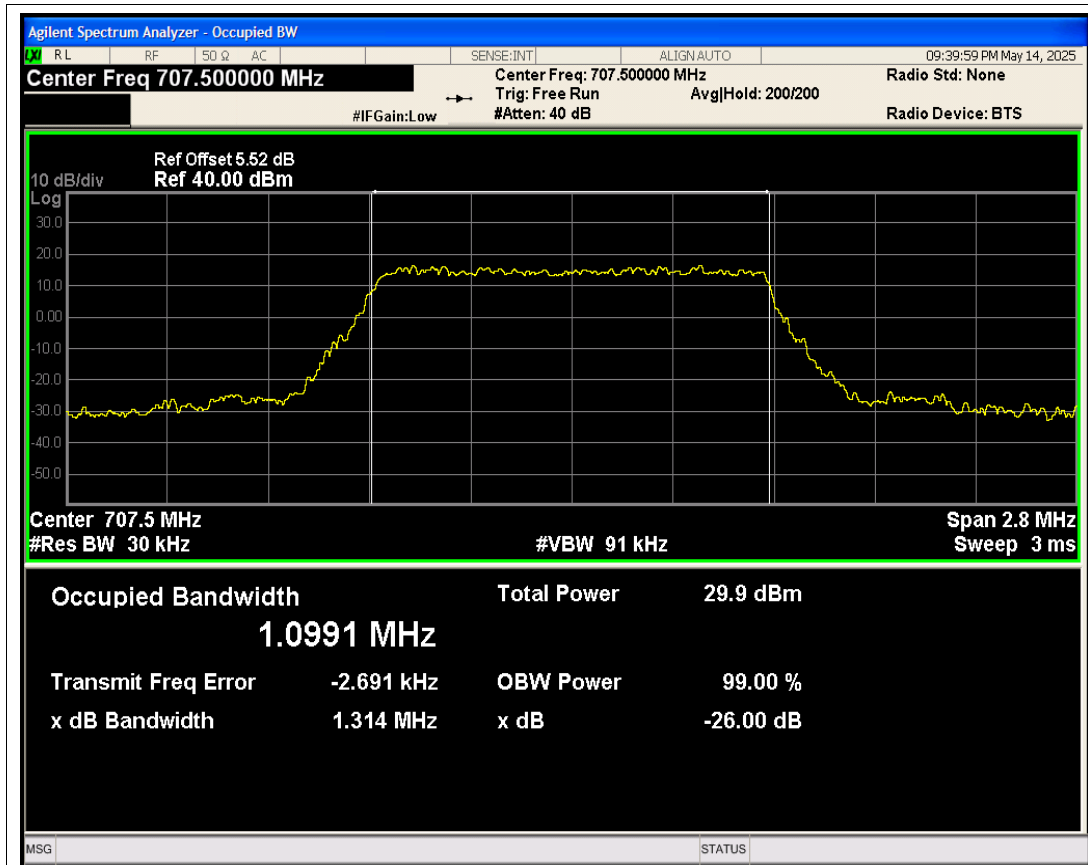
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band12	1.4	23017	6	#0	QPSK	1.105	1.273	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	1.097	1.283	PASS
NVNT	Band12	1.4	23095	6	#0	QPSK	1.095	1.296	PASS
NVNT	Band12	1.4	23095	6	#0	16QAM	1.099	1.314	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	1.095	1.294	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	1.093	1.268	PASS
NVNT	Band12	3	23025	15	#0	QPSK	2.716	2.916	PASS
NVNT	Band12	3	23025	15	#0	16QAM	2.704	2.931	PASS
NVNT	Band12	3	23095	15	#0	QPSK	2.691	2.941	PASS
NVNT	Band12	3	23095	15	#0	16QAM	2.694	2.955	PASS
NVNT	Band12	3	23165	15	#0	QPSK	2.695	2.948	PASS
NVNT	Band12	3	23165	15	#0	16QAM	2.688	2.943	PASS
NVNT	Band12	5	23035	25	#0	QPSK	4.516	4.905	PASS
NVNT	Band12	5	23035	25	#0	16QAM	4.536	4.960	PASS
NVNT	Band12	5	23095	25	#0	QPSK	4.508	4.938	PASS
NVNT	Band12	5	23095	25	#0	16QAM	4.488	4.975	PASS
NVNT	Band12	5	23155	25	#0	QPSK	4.490	4.886	PASS
NVNT	Band12	5	23155	25	#0	16QAM	4.506	4.906	PASS
NVNT	Band12	10	23060	50	#0	QPSK	9.015	9.828	PASS
NVNT	Band12	10	23060	50	#0	16QAM	9.020	9.773	PASS
NVNT	Band12	10	23095	50	#0	QPSK	8.948	9.691	PASS
NVNT	Band12	10	23095	50	#0	16QAM	8.969	9.795	PASS
NVNT	Band12	10	23130	50	#0	QPSK	8.955	9.725	PASS
NVNT	Band12	10	23130	50	#0	16QAM	8.985	9.713	PASS



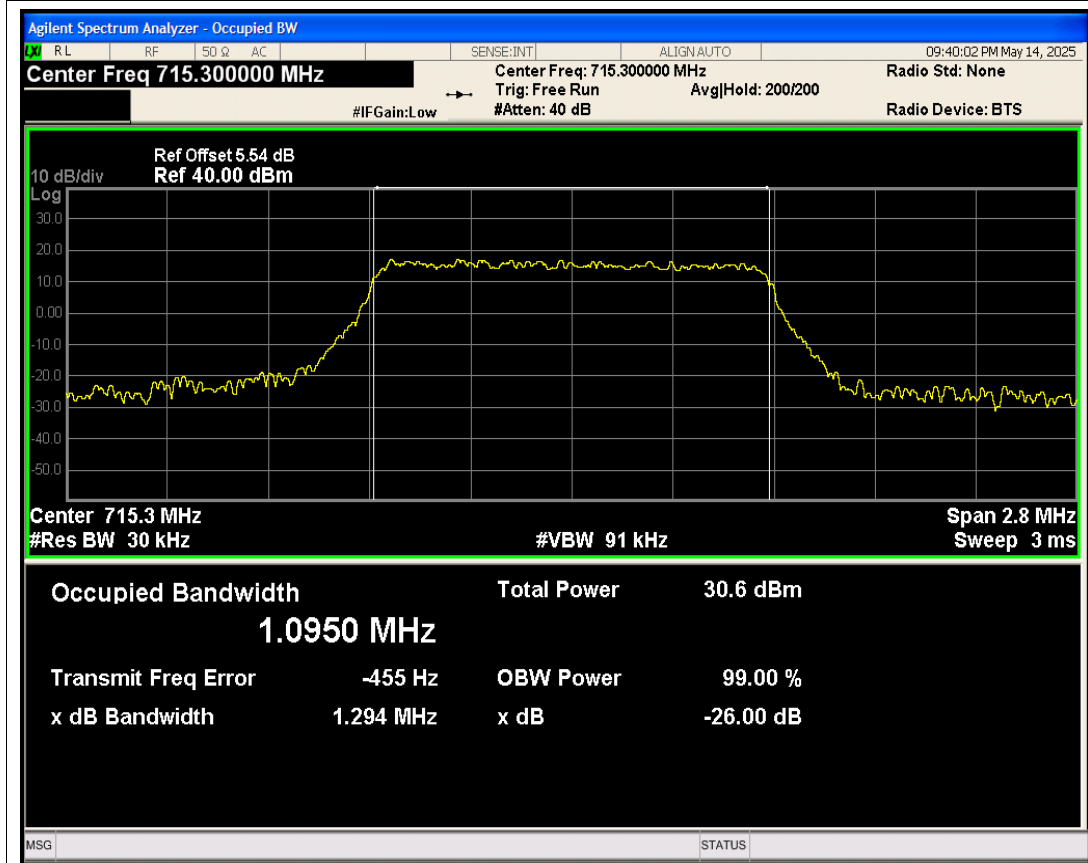
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

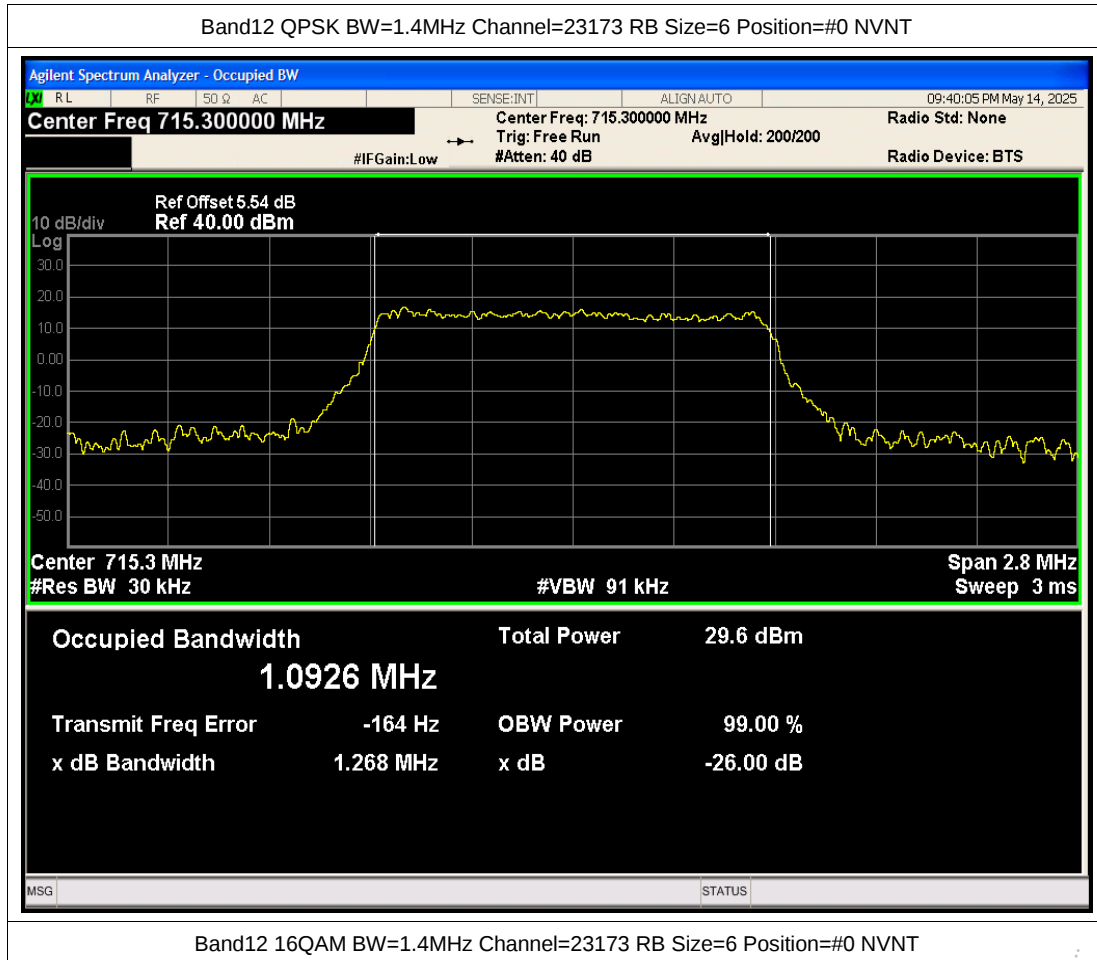


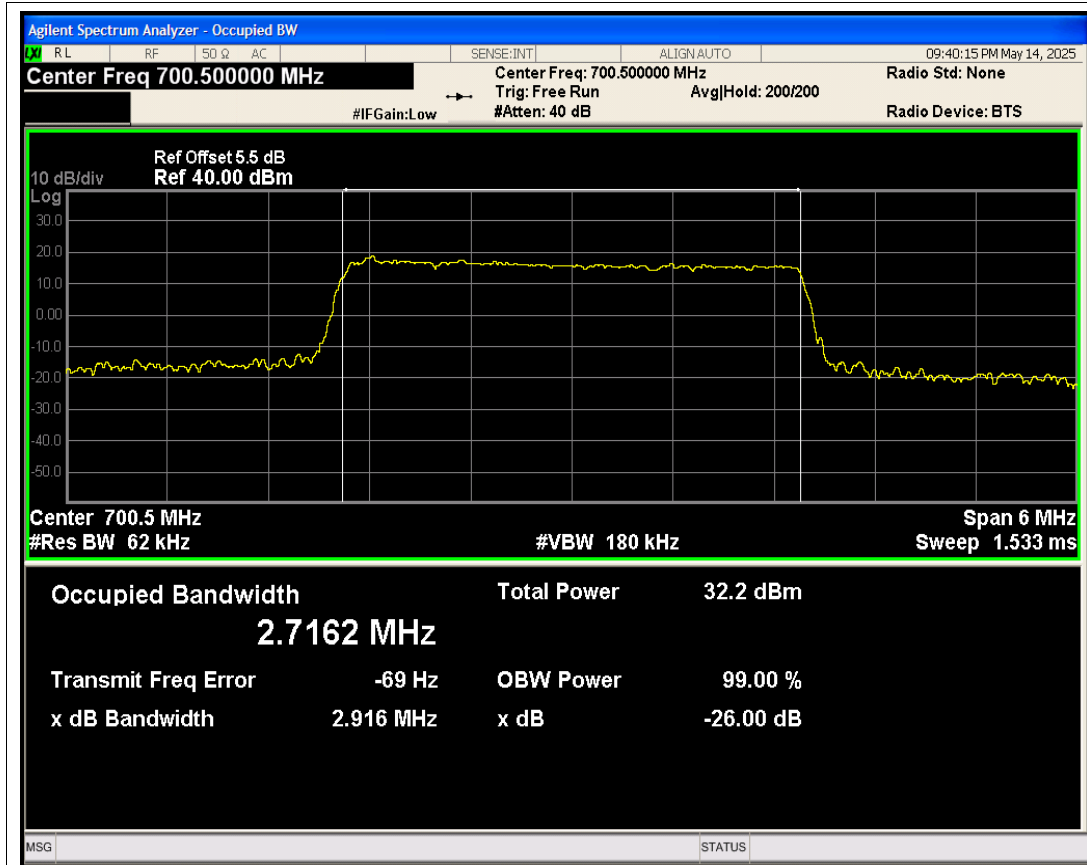




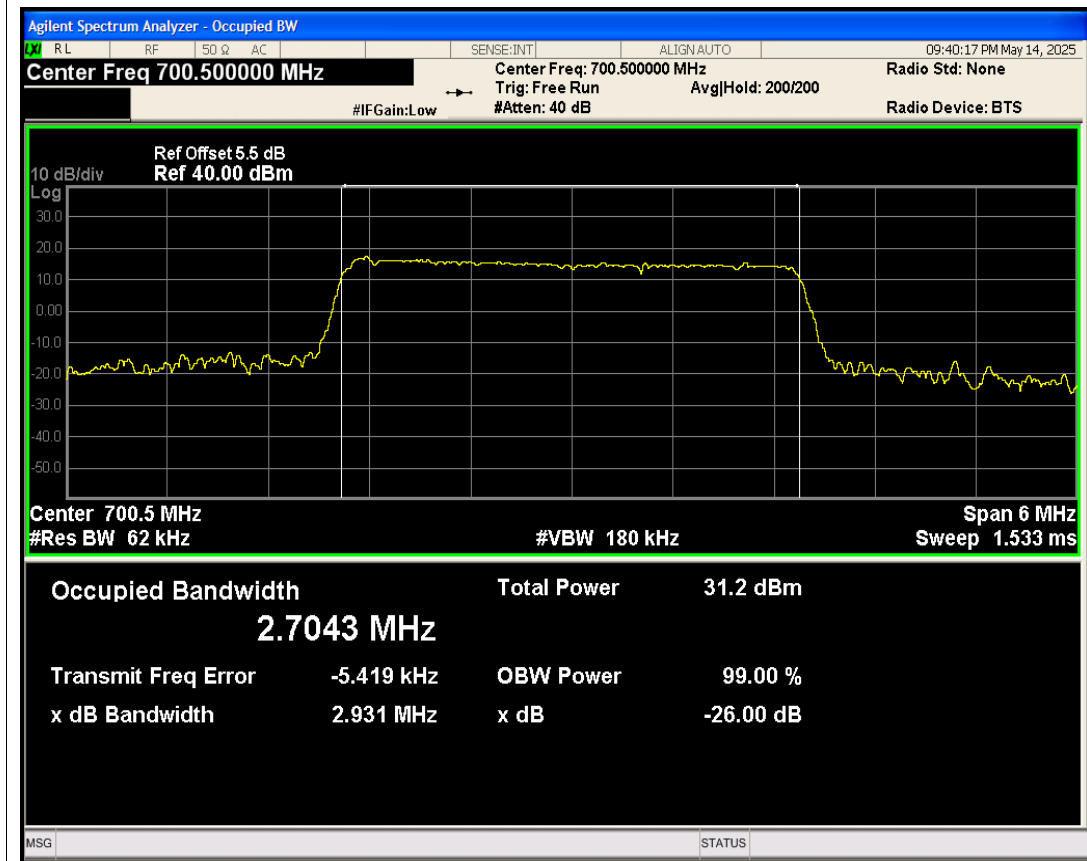
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT

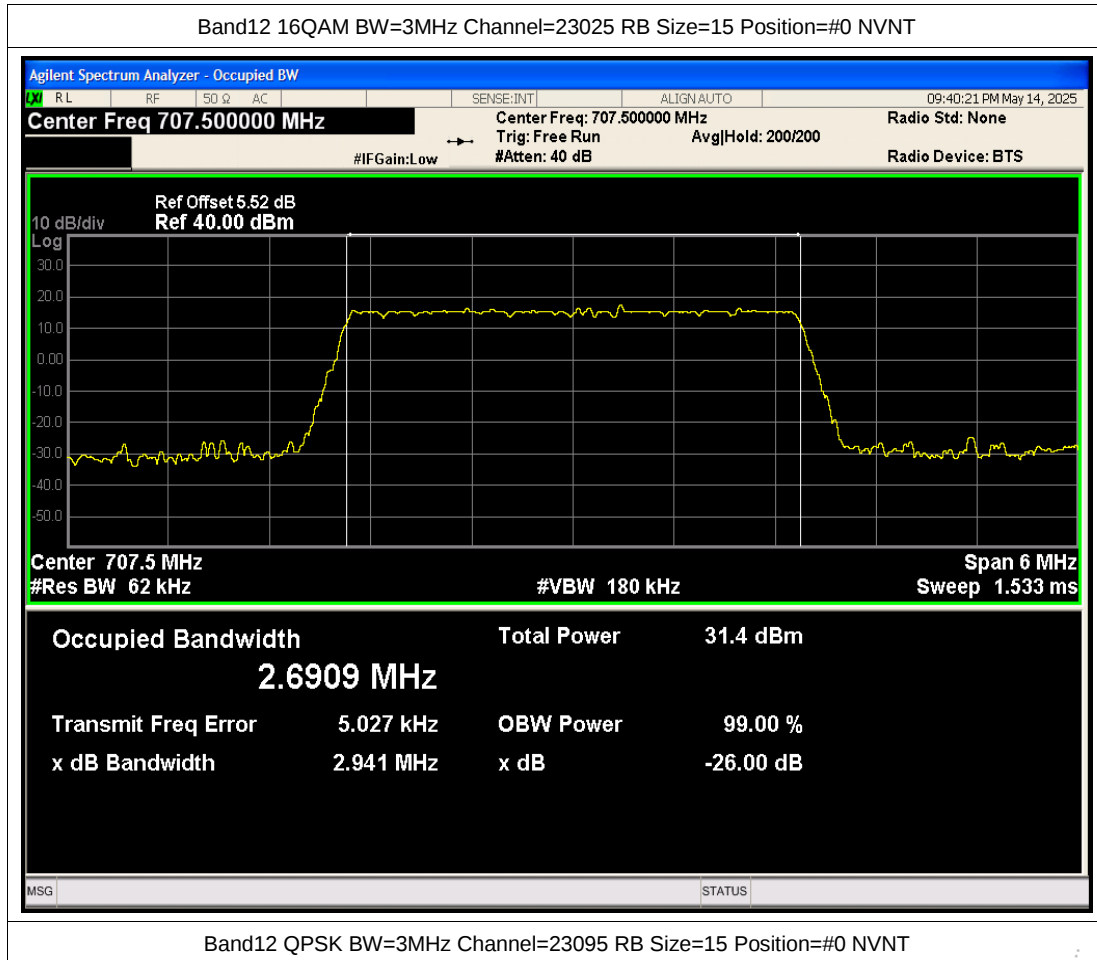


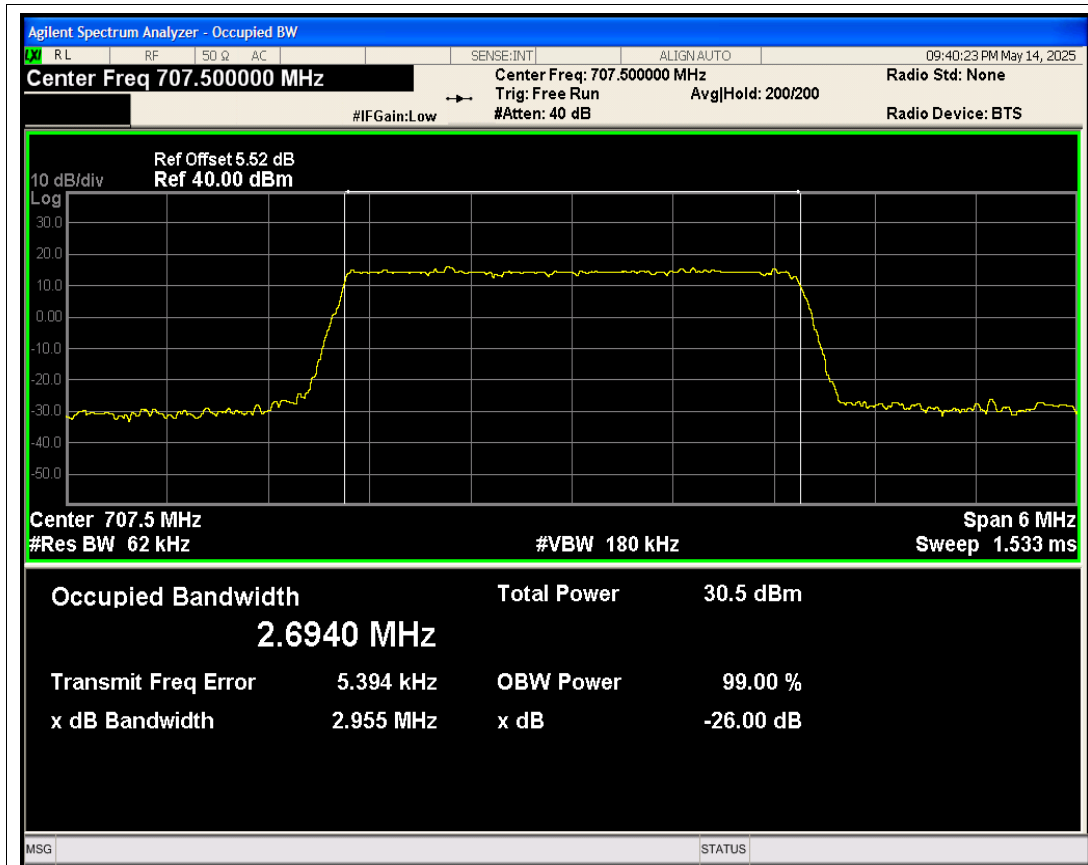




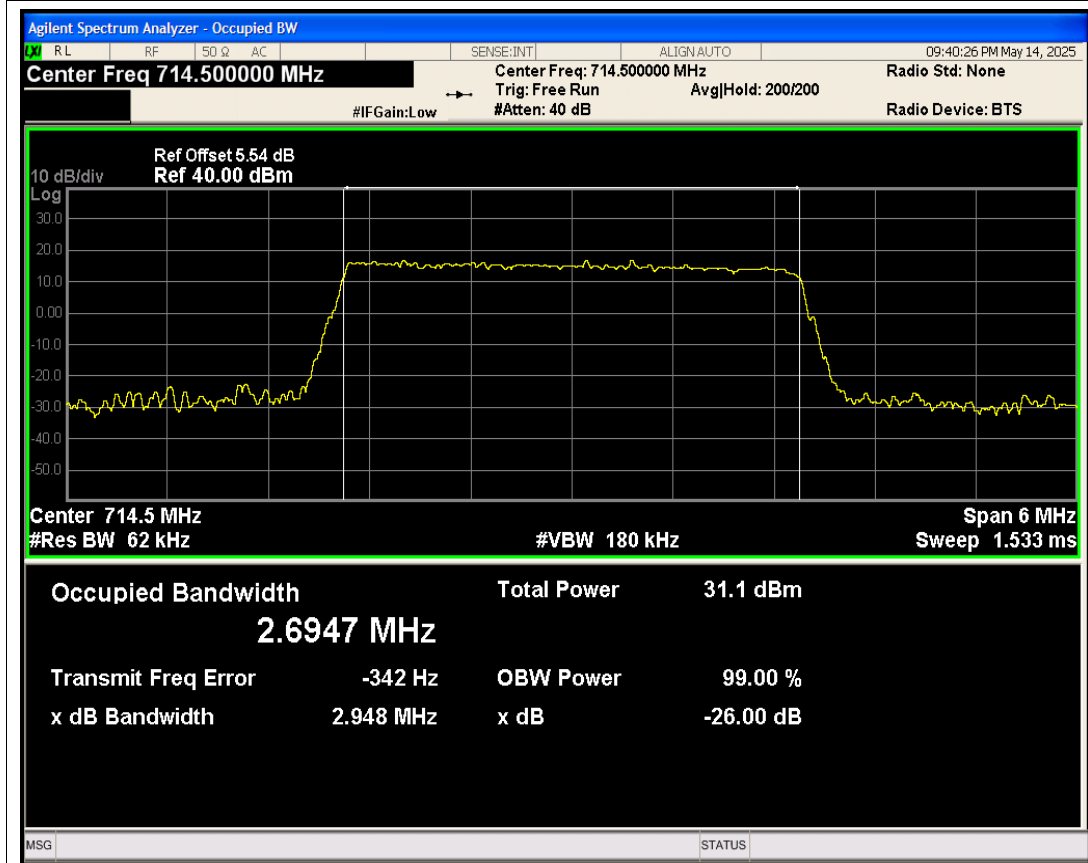
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT

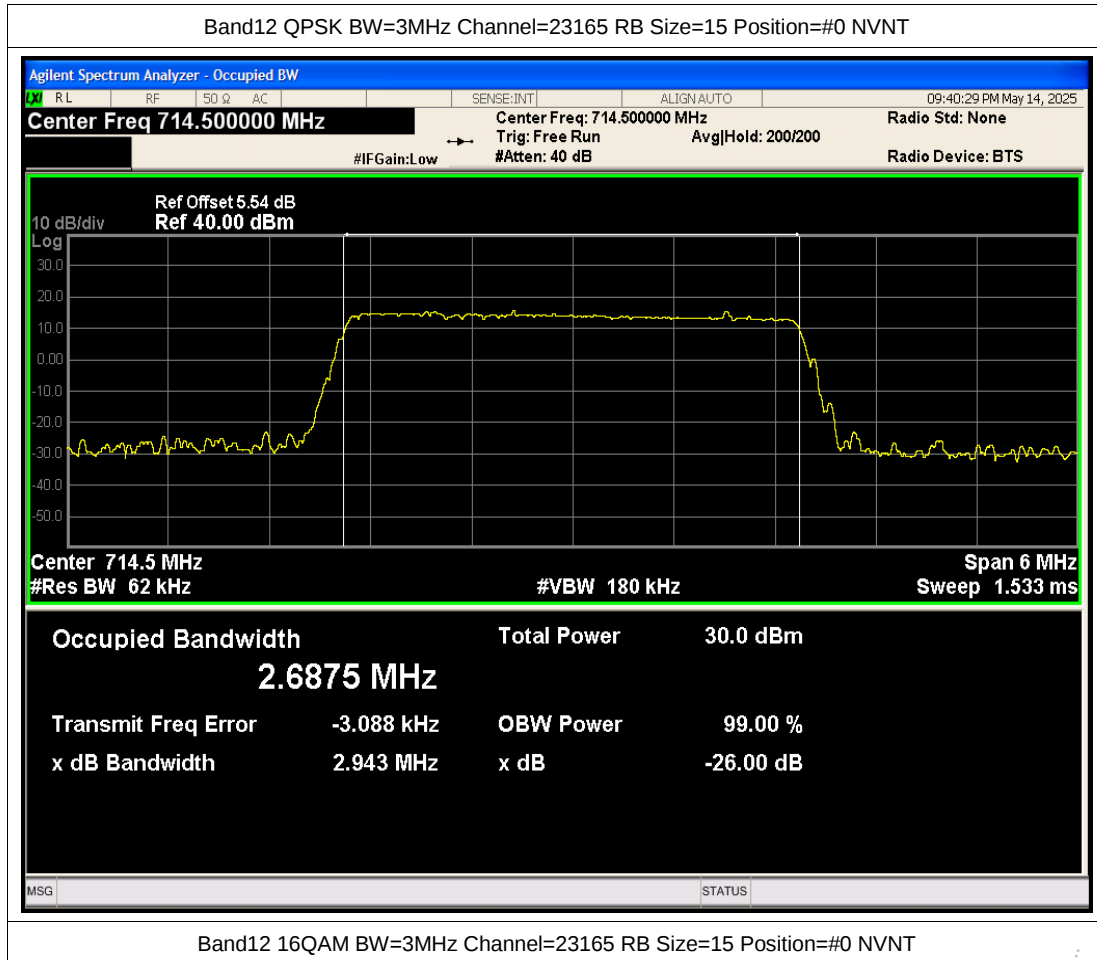


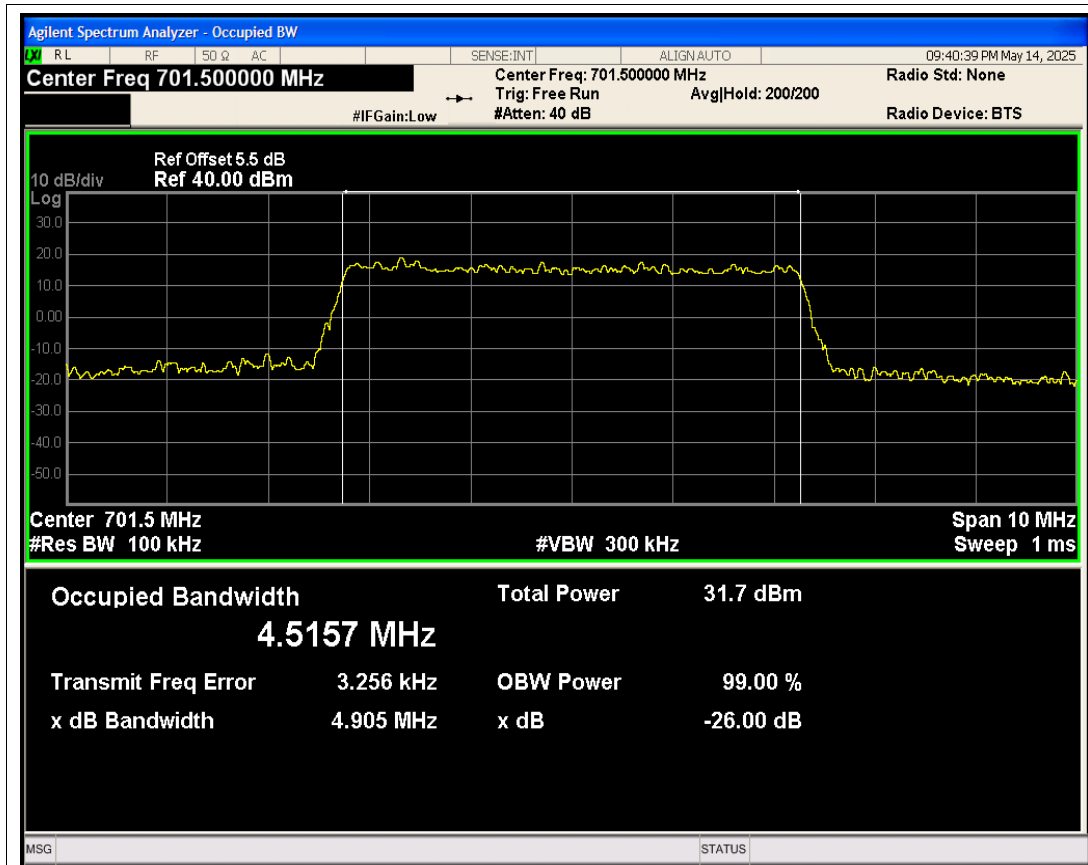




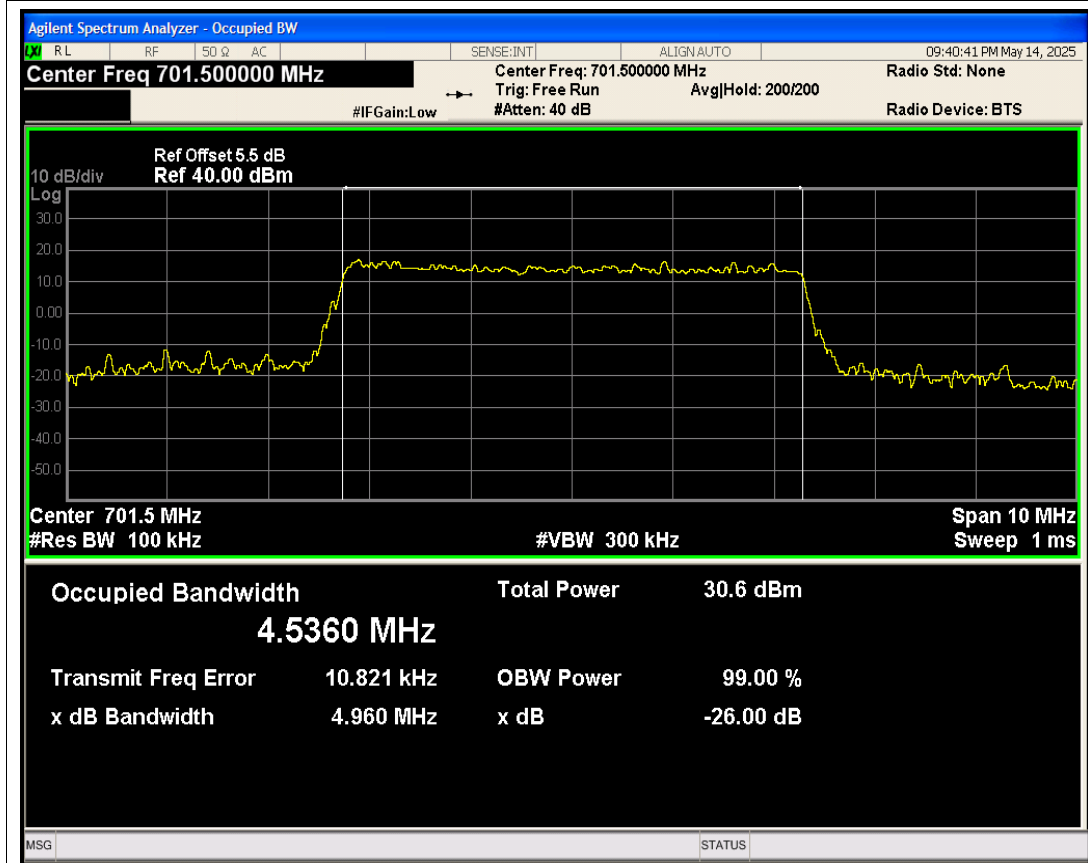
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT

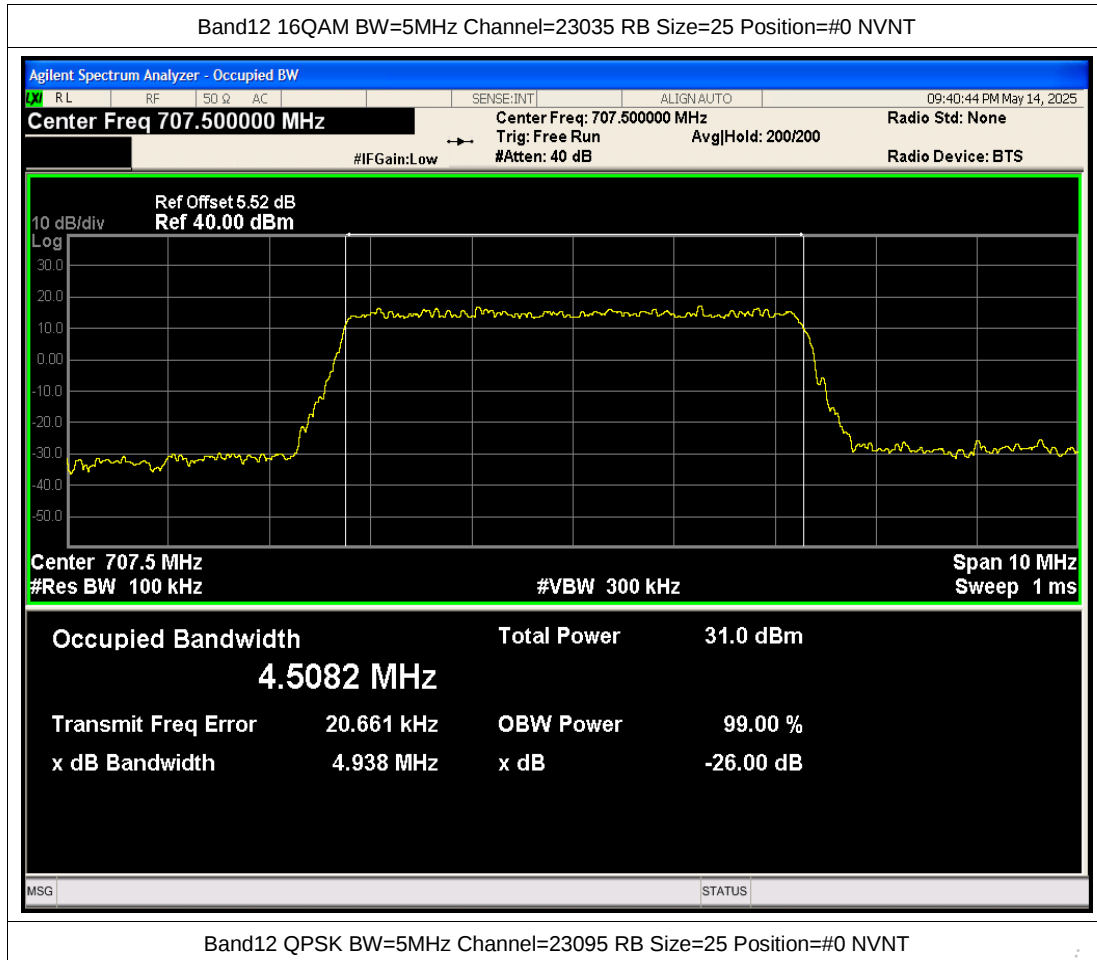


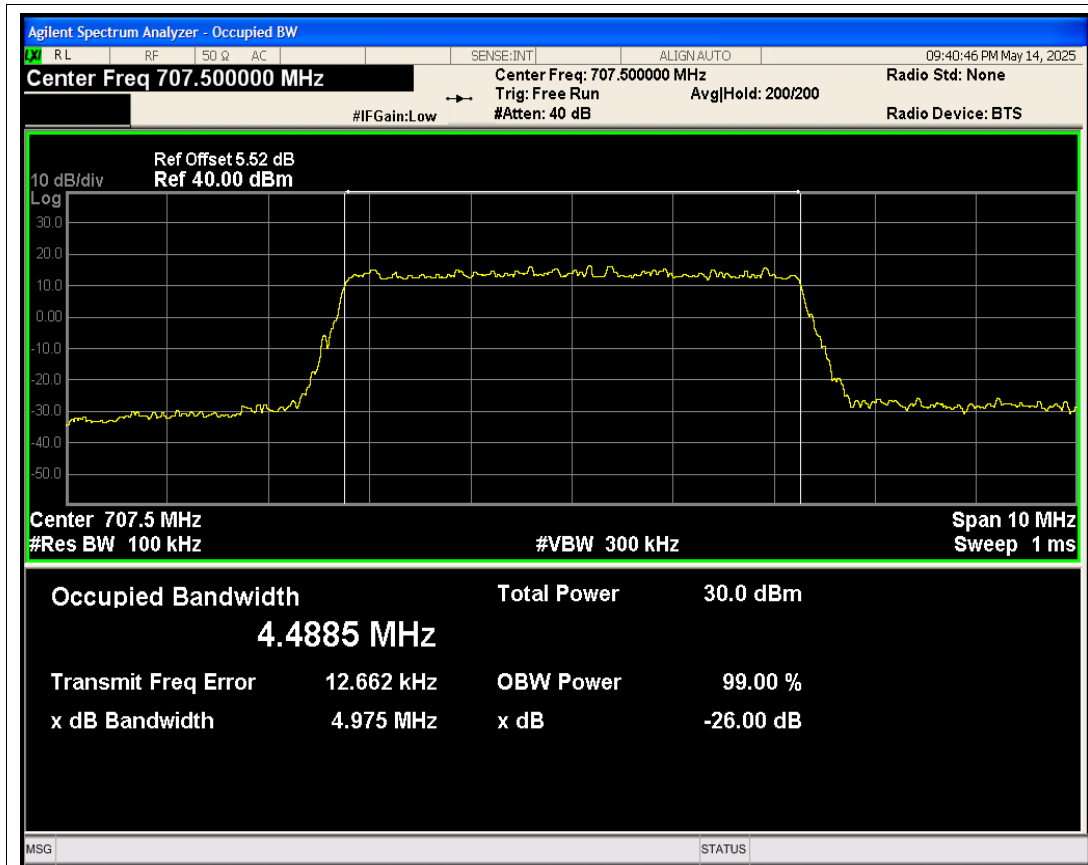




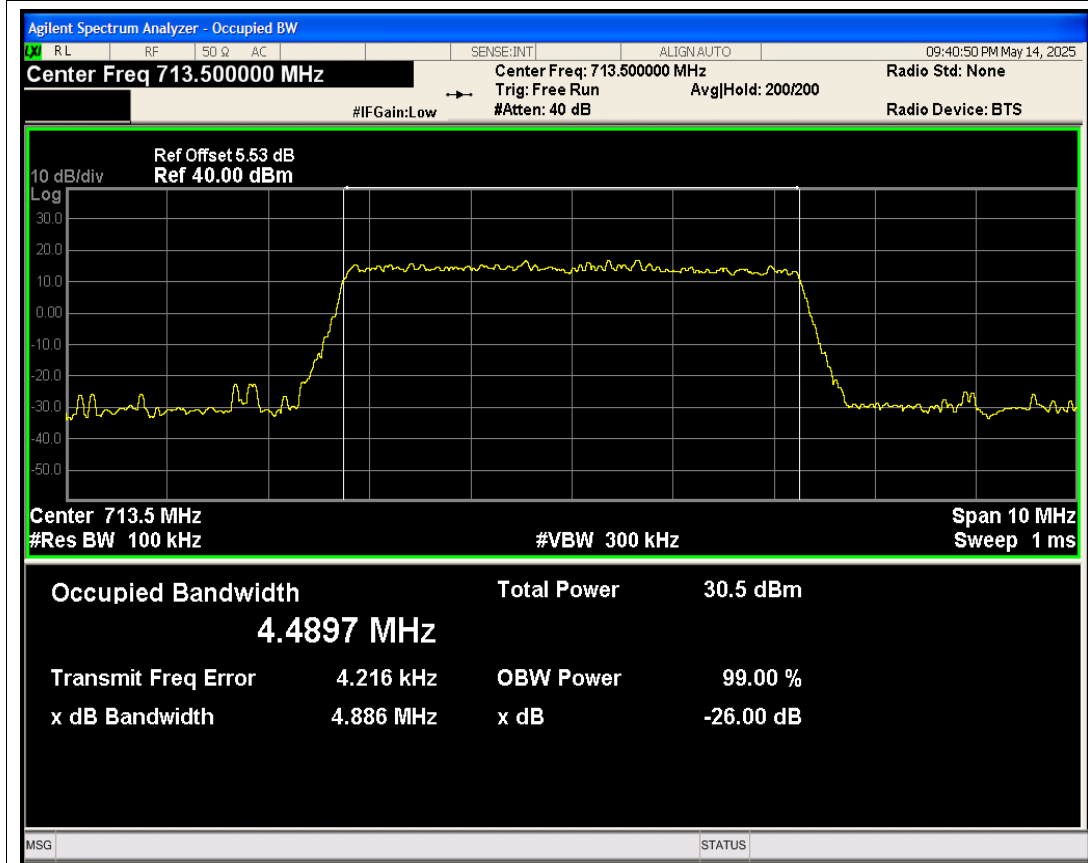
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT

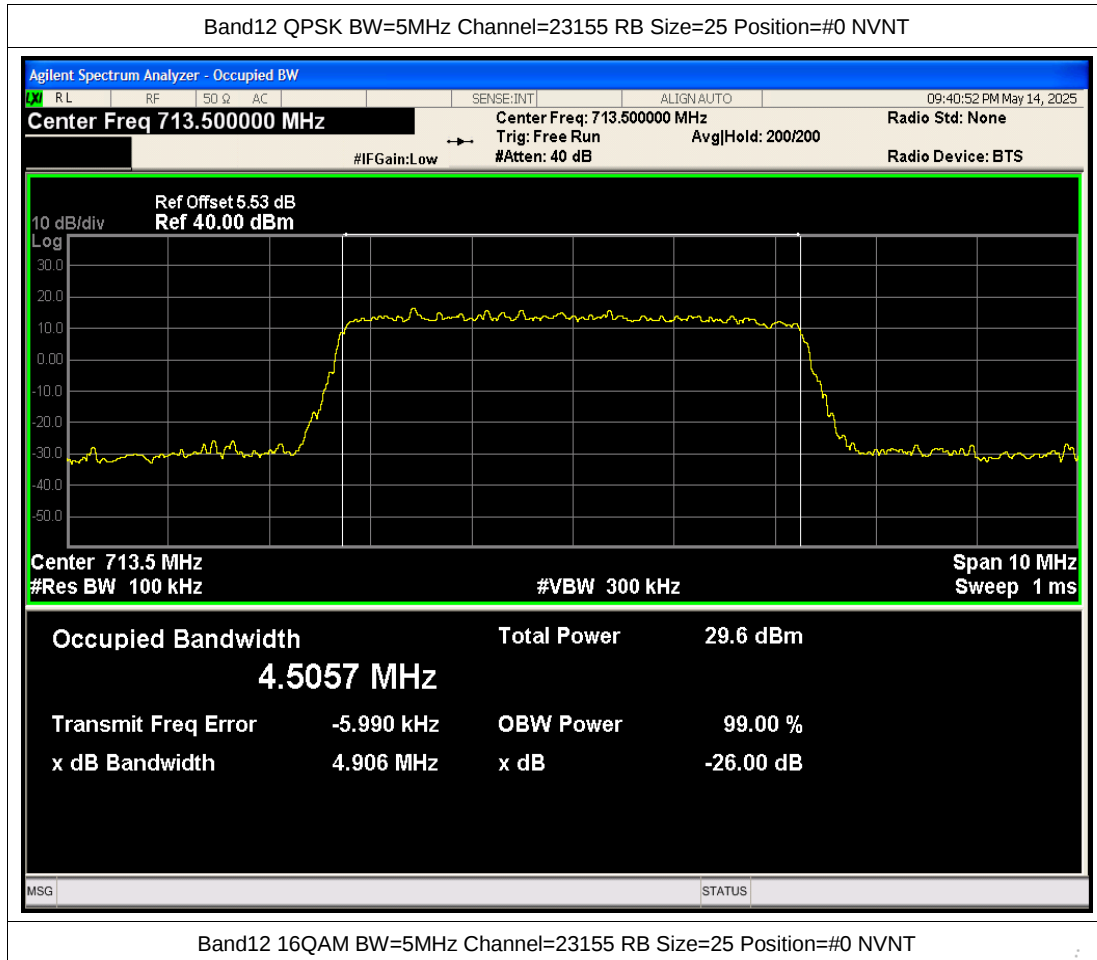


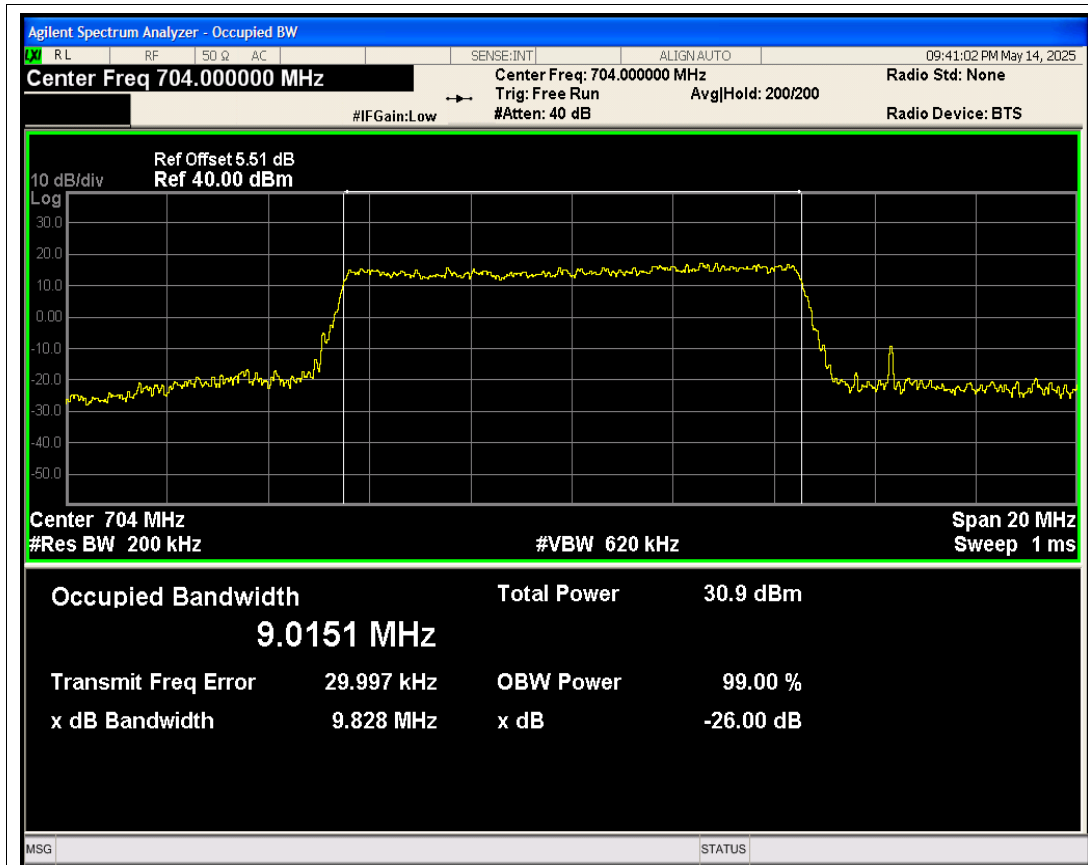




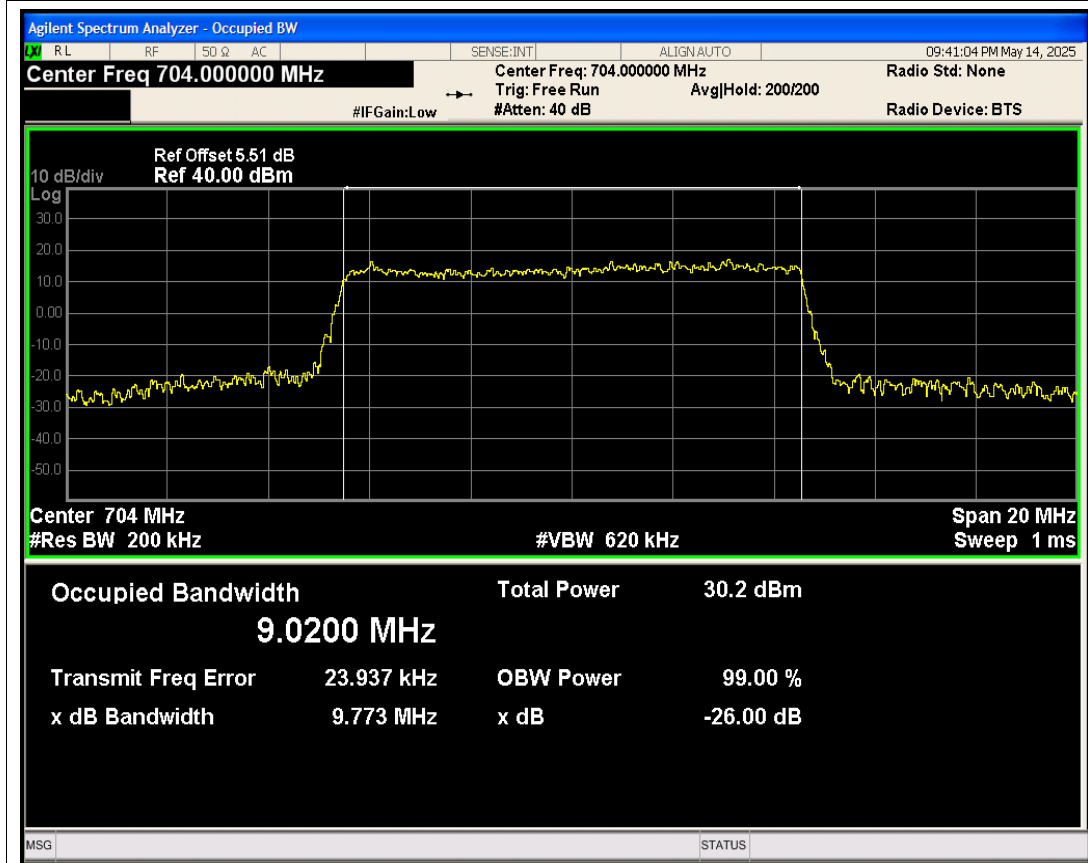
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT

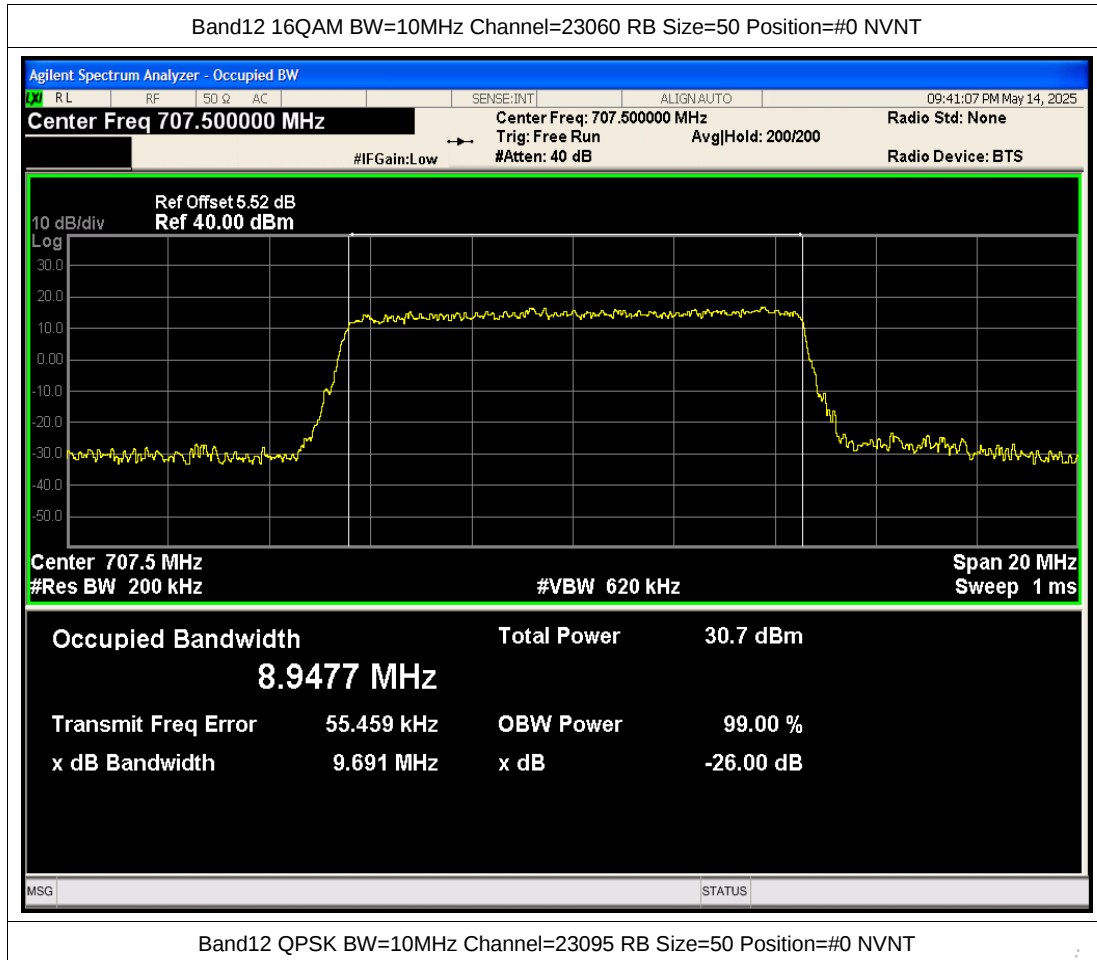


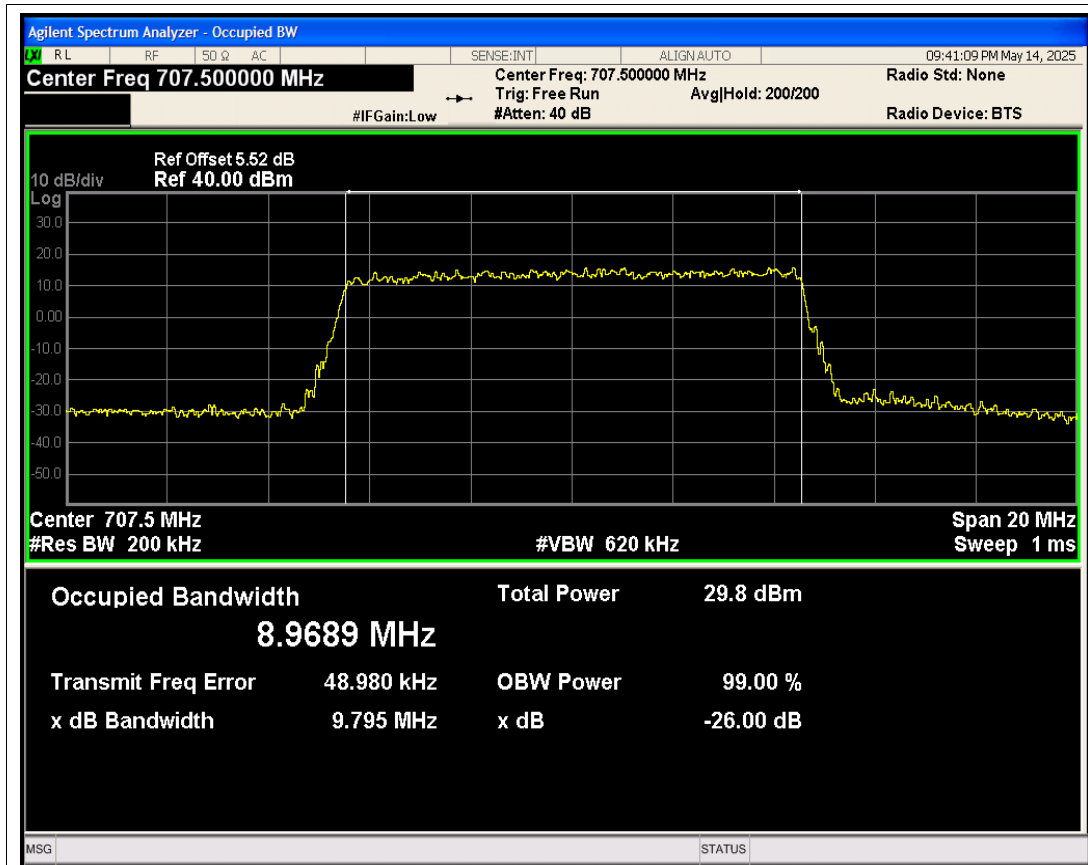




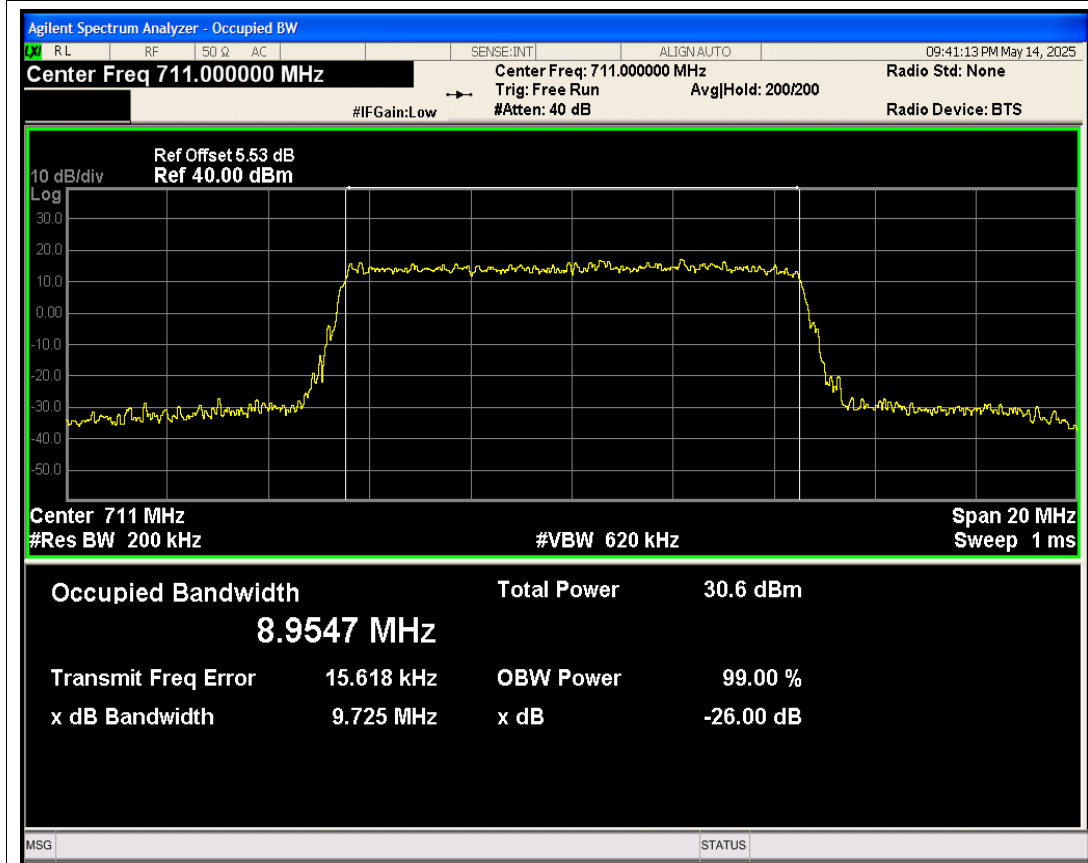
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT

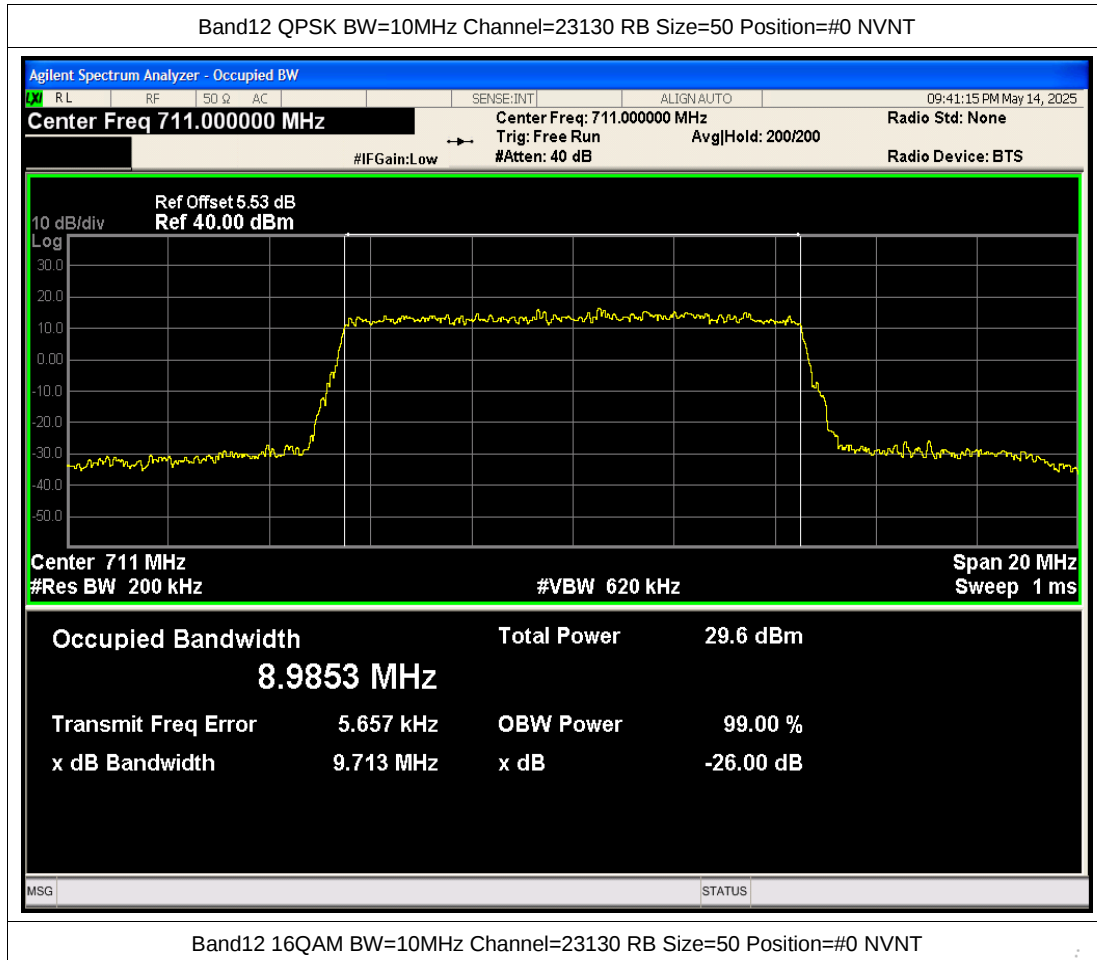






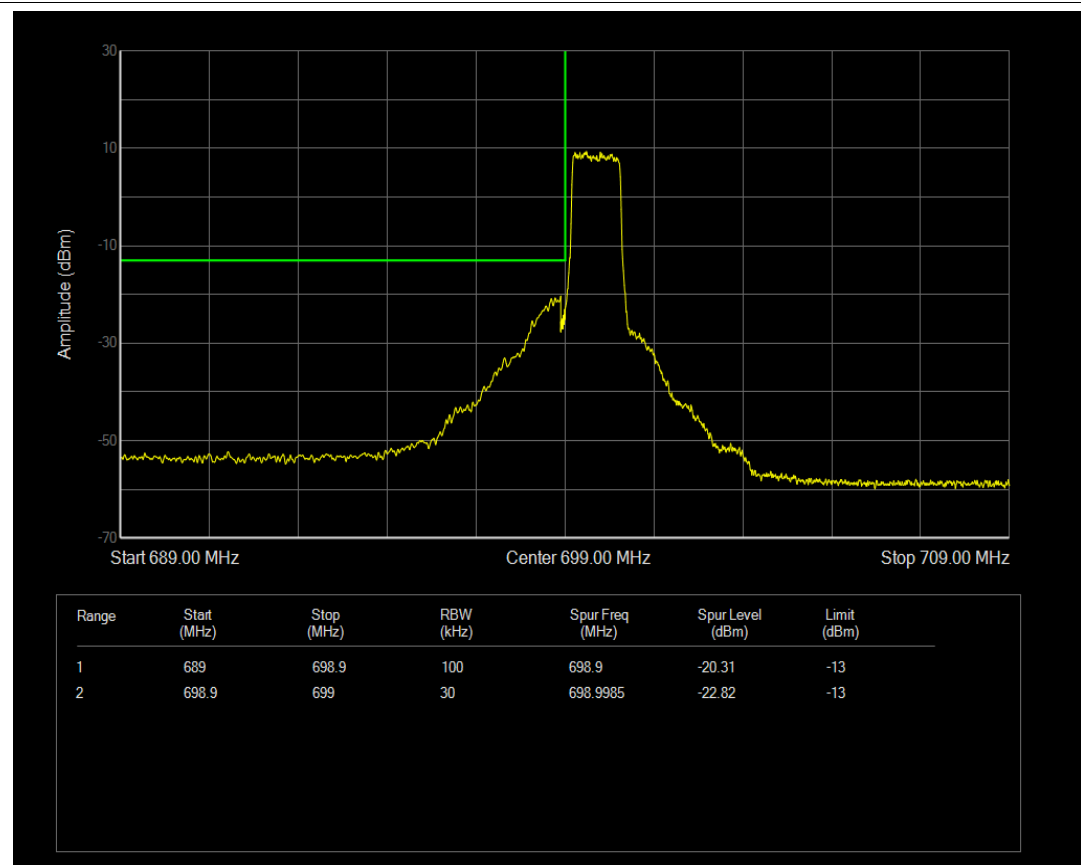
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT



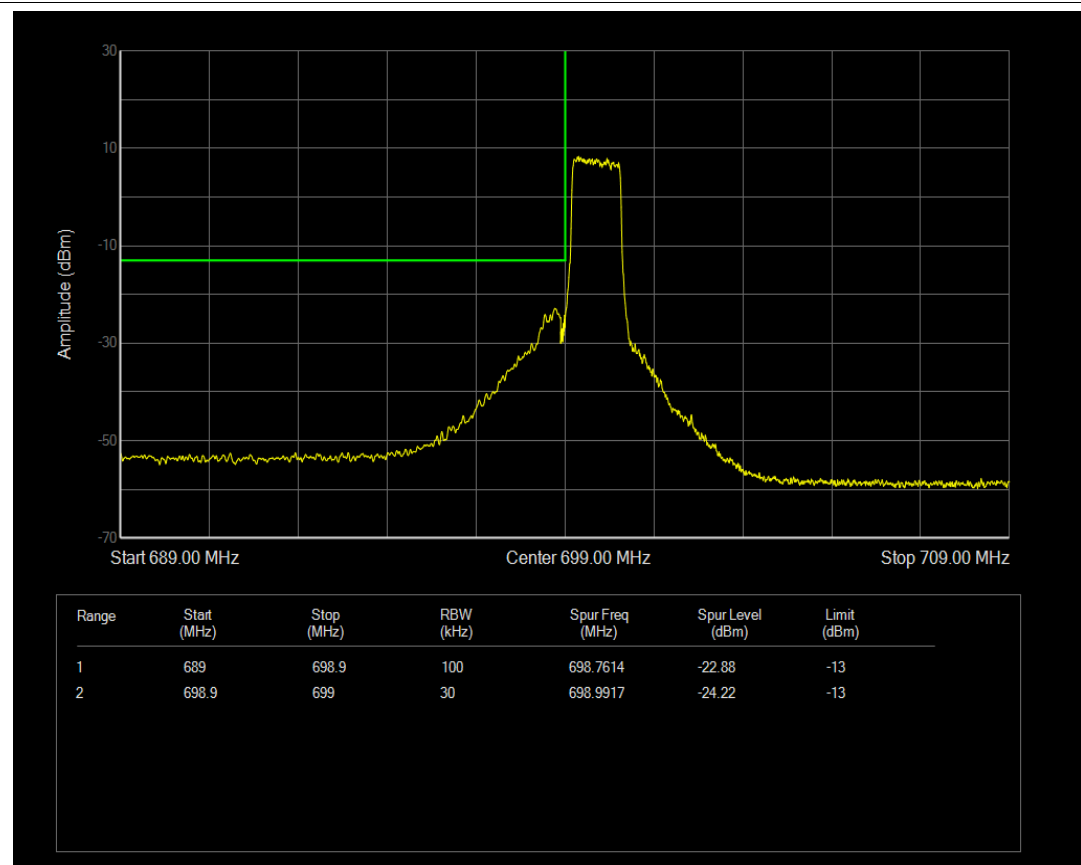


Appendix 5.Band edge

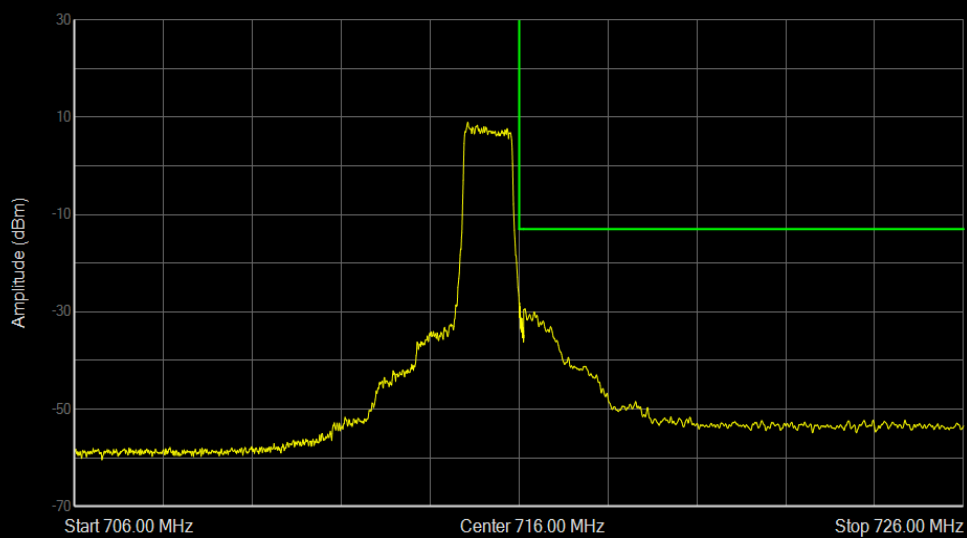
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band12	1.4	23017	6	#0	QPSK	698.90	-20.31	-13	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	698.76	-22.88	-13	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	716.00	-28.17	-13	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	716.26	-29.19	-13	PASS
NVNT	Band12	3	23025	15	#0	QPSK	698.72	-22.00	-13	PASS
NVNT	Band12	3	23025	15	#0	16QAM	698.53	-23.79	-13	PASS
NVNT	Band12	3	23165	15	#0	QPSK	716.00	-32.40	-13	PASS
NVNT	Band12	3	23165	15	#0	16QAM	716.00	-33.48	-13	PASS
NVNT	Band12	5	23035	25	#0	QPSK	698.80	-24.13	-13	PASS
NVNT	Band12	5	23035	25	#0	16QAM	698.76	-25.85	-13	PASS
NVNT	Band12	5	23155	25	#0	QPSK	716.01	-34.45	-13	PASS
NVNT	Band12	5	23155	25	#0	16QAM	716.01	-35.19	-13	PASS
NVNT	Band12	10	23060	50	#0	QPSK	697.64	-32.60	-13	PASS
NVNT	Band12	10	23060	50	#0	16QAM	698.69	-33.85	-13	PASS
NVNT	Band12	10	23130	50	#0	QPSK	716.11	-38.34	-13	PASS
NVNT	Band12	10	23130	50	#0	16QAM	716.11	-38.26	-13	PASS



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

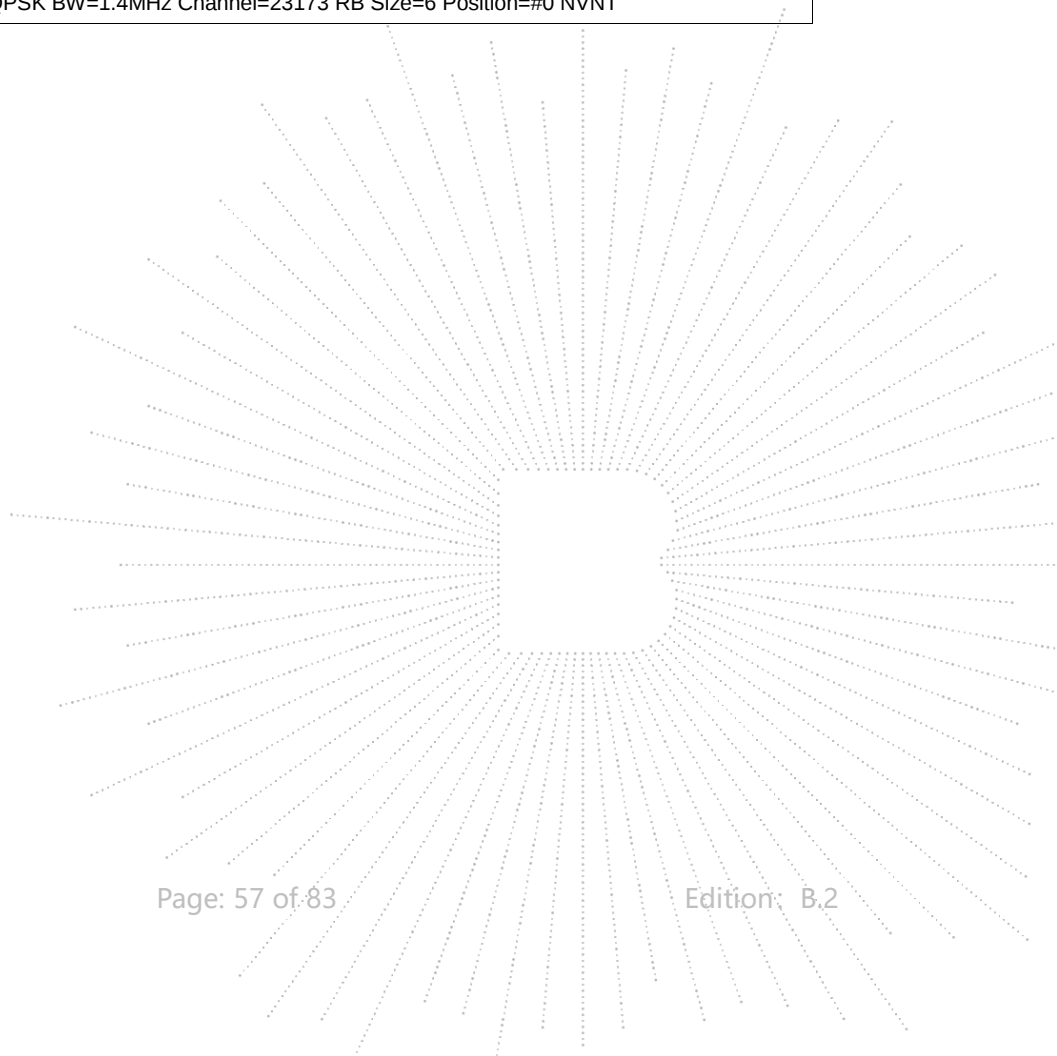


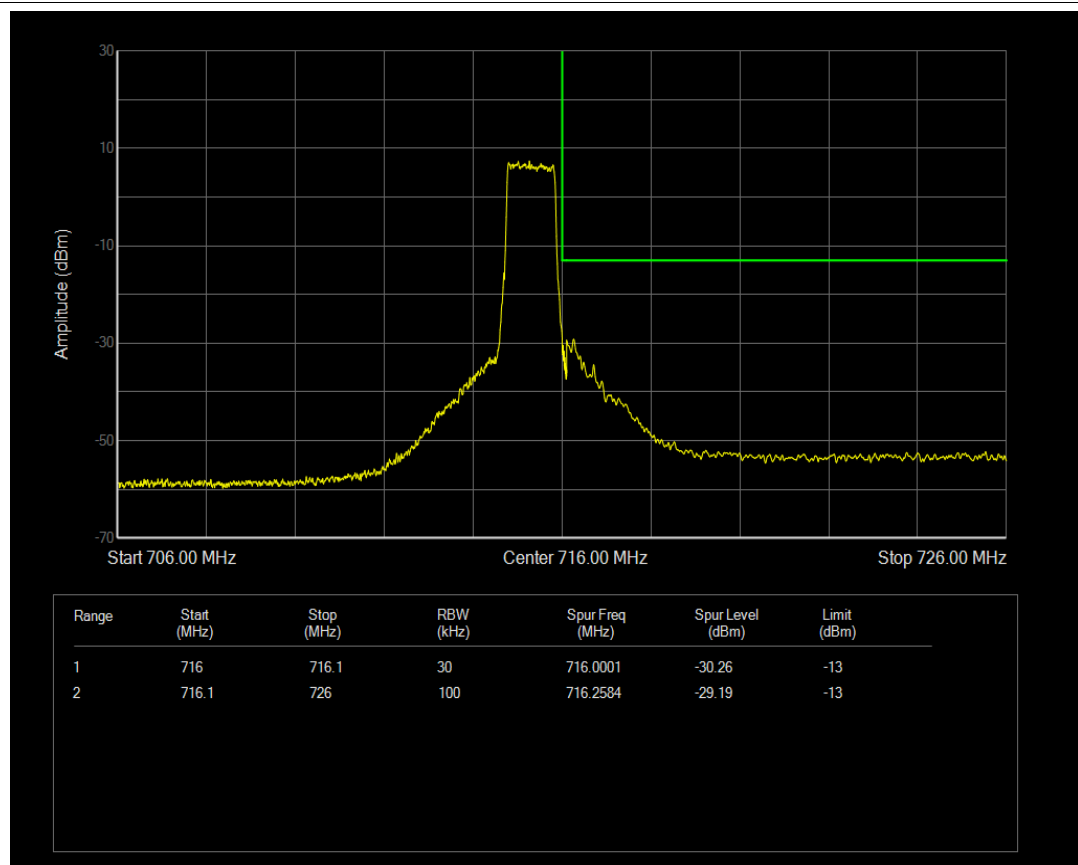
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT



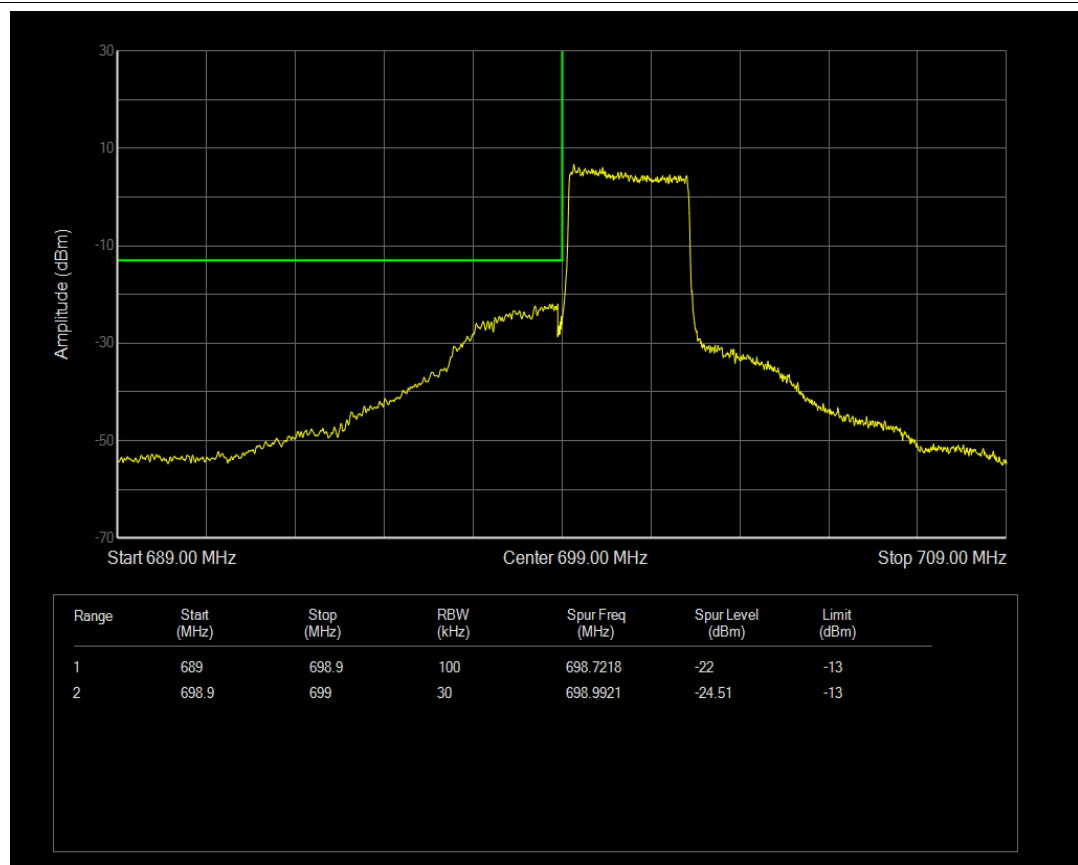
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0041	-28.17	-13
2	716.1	726	100	716.1297	-29.37	-13

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



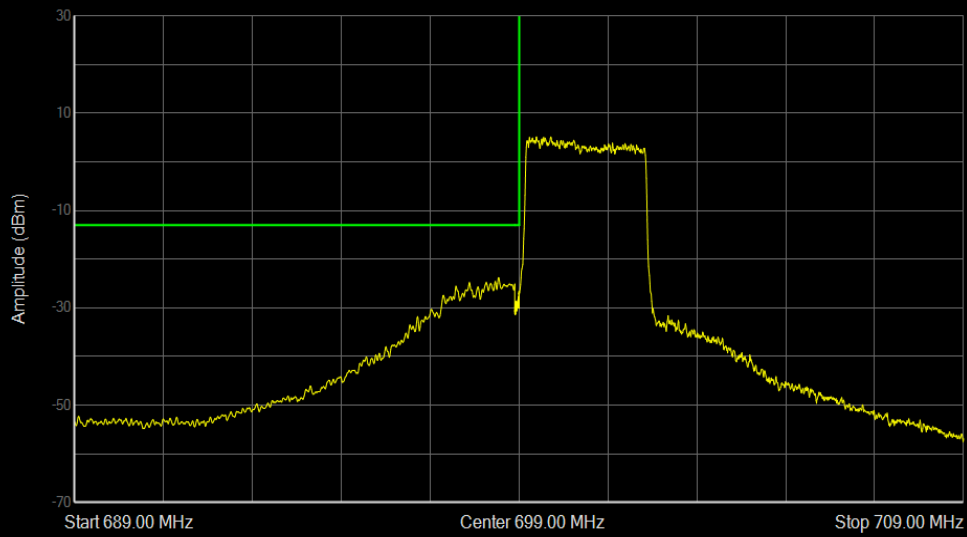


Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



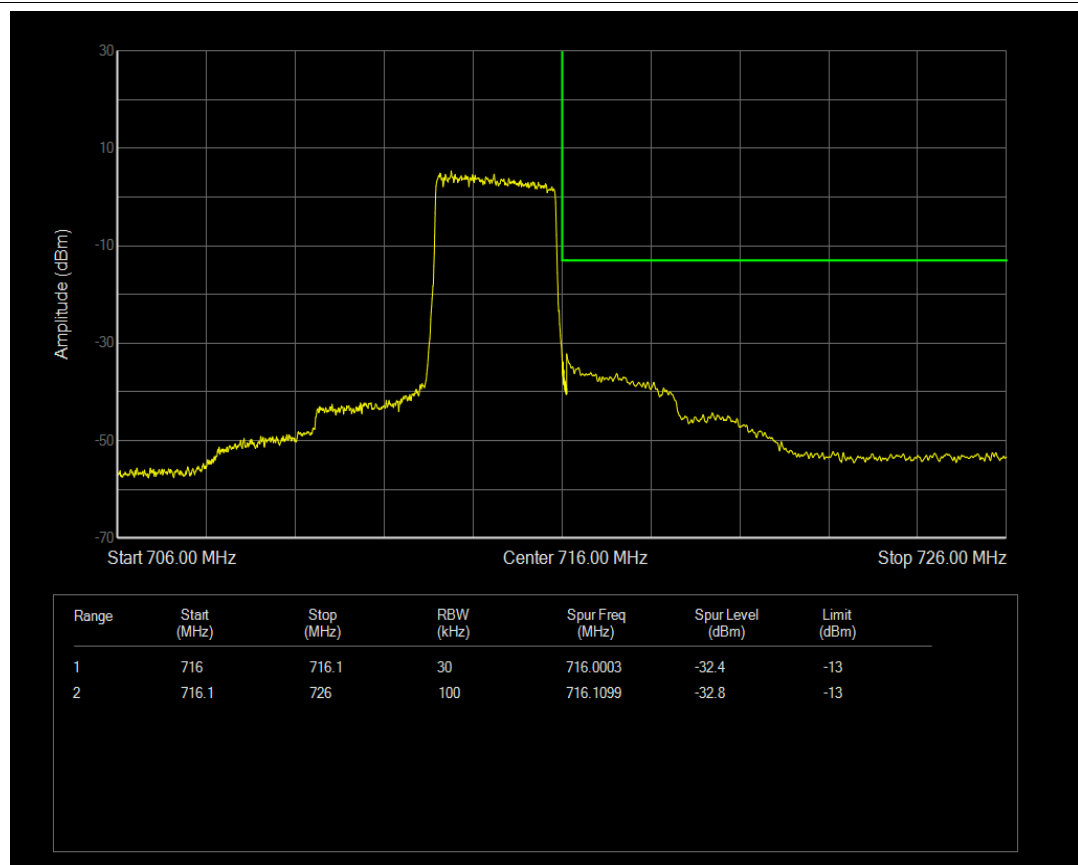


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT

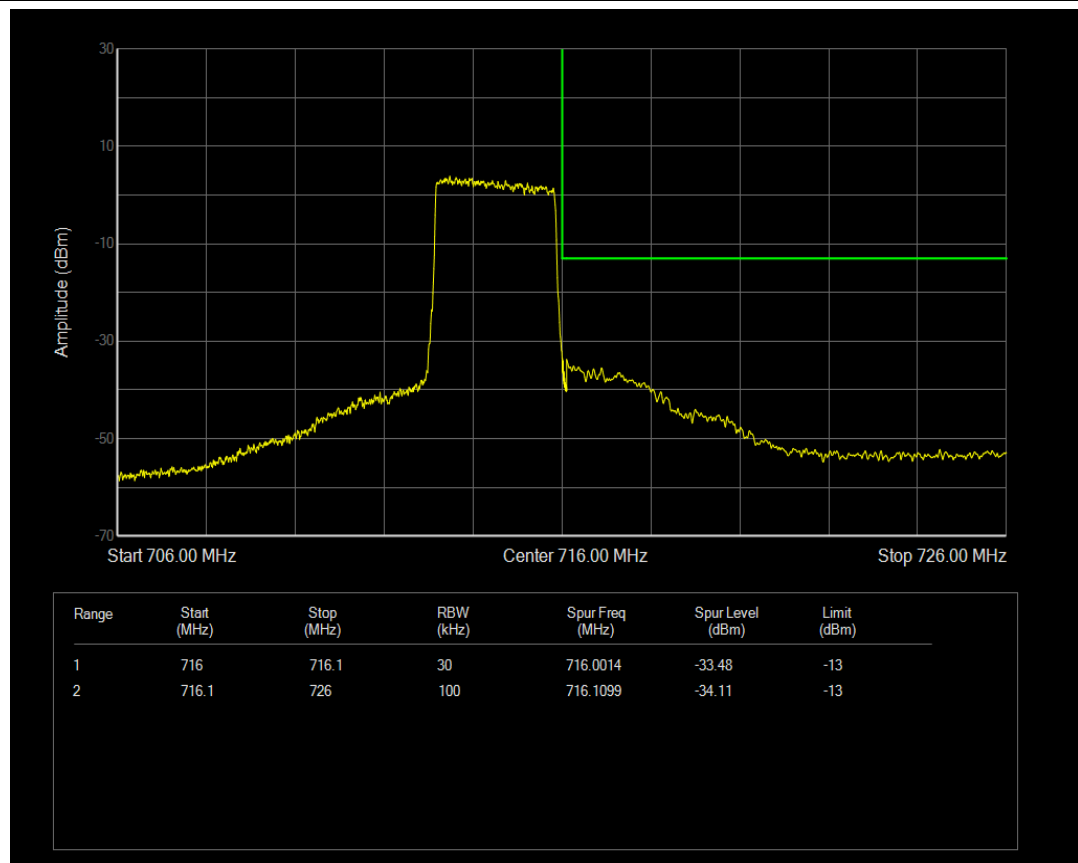


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.5337	-23.79	-13
2	698.9	699	30	698.996	-26.65	-13

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

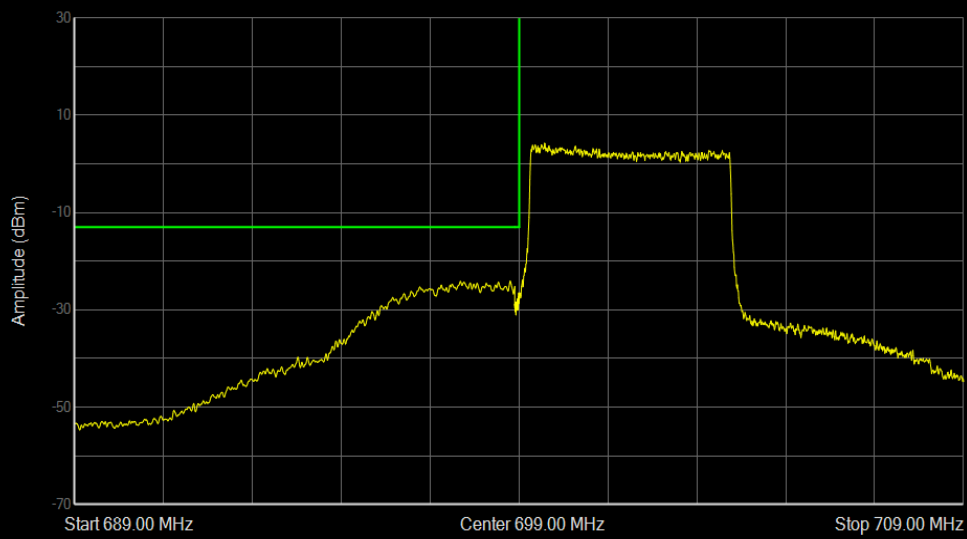


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



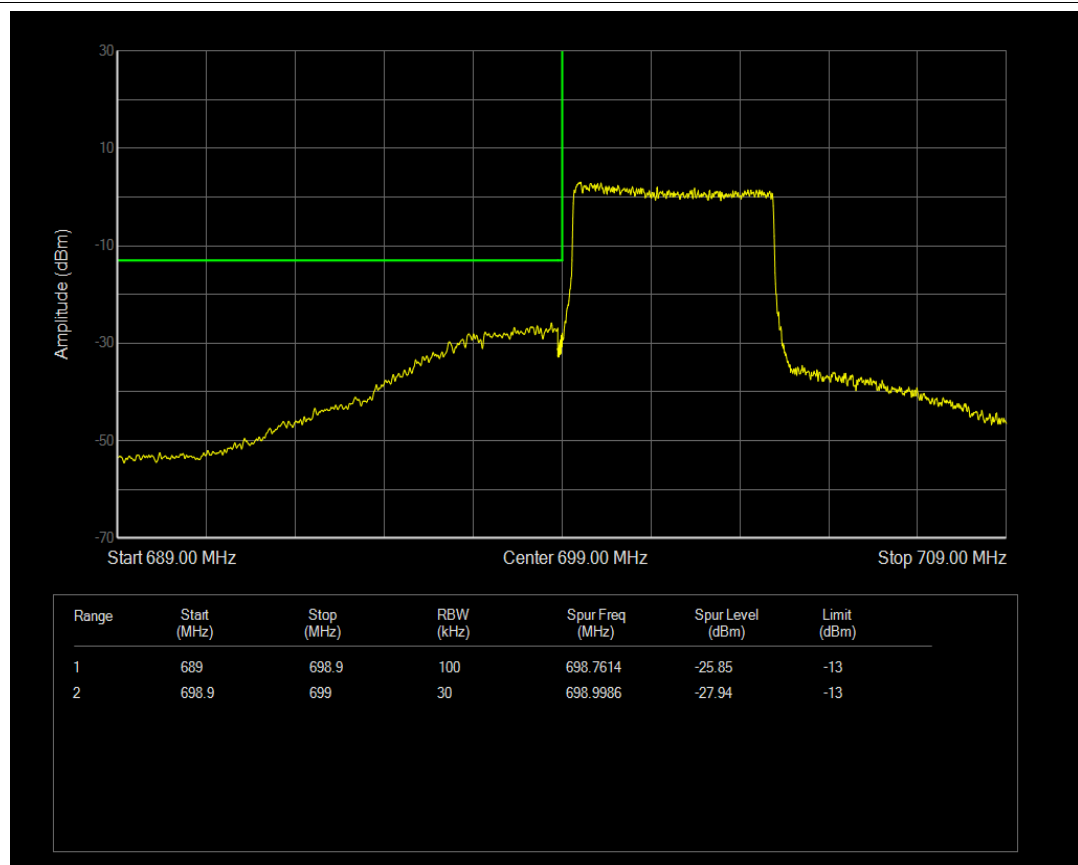


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT

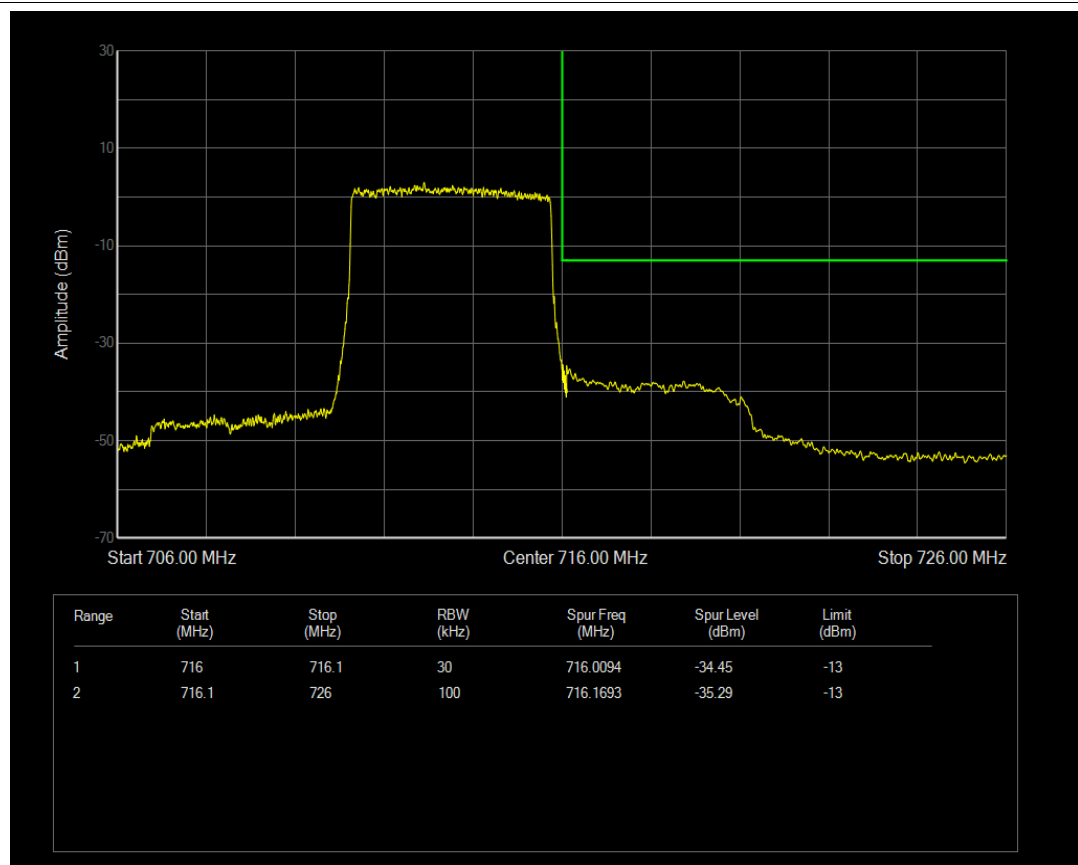


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.801	-24.13	-13
2	698.9	699	30	698.9919	-26.51	-13

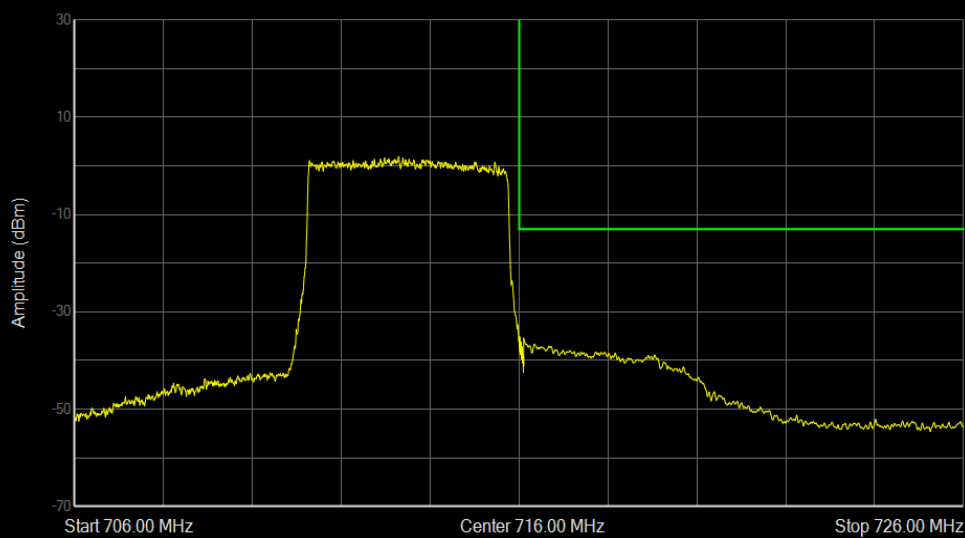
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



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

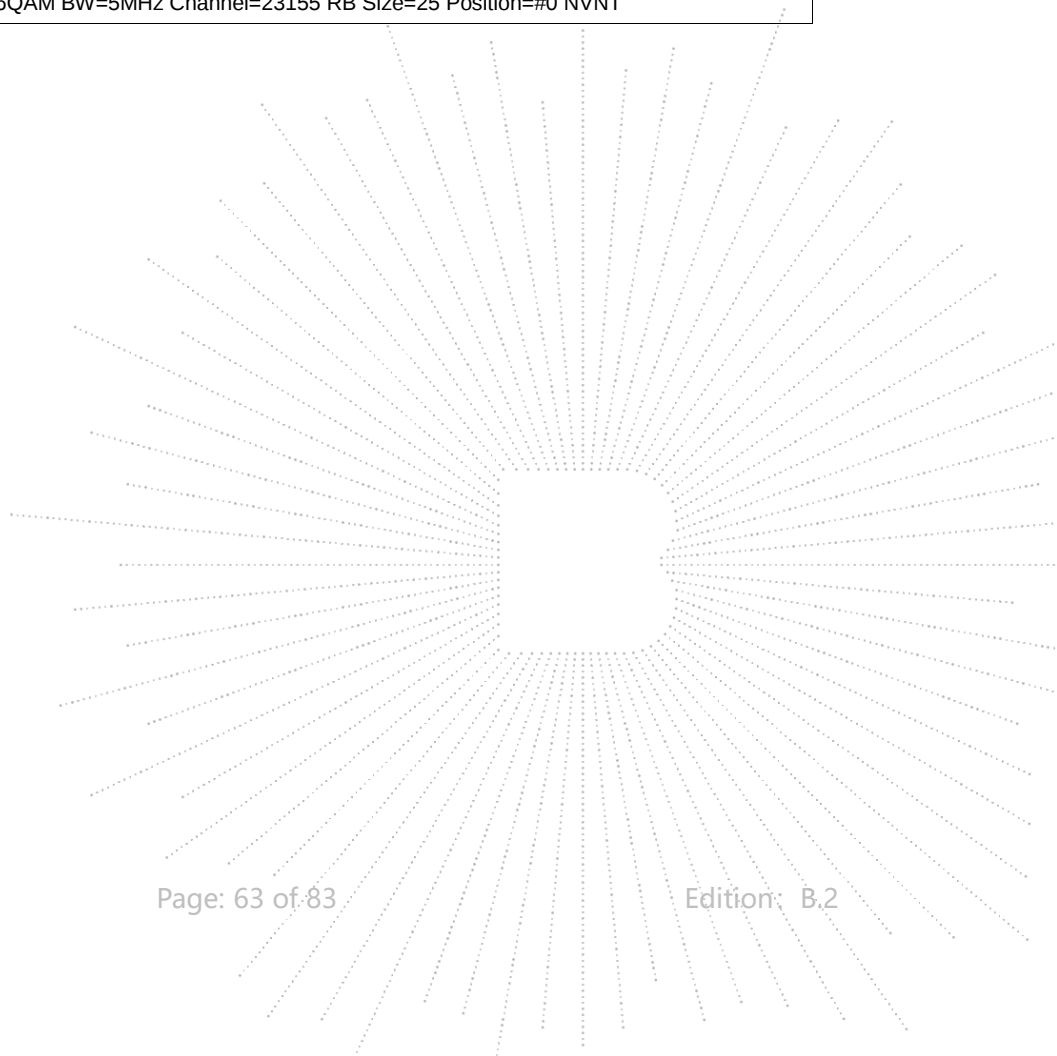


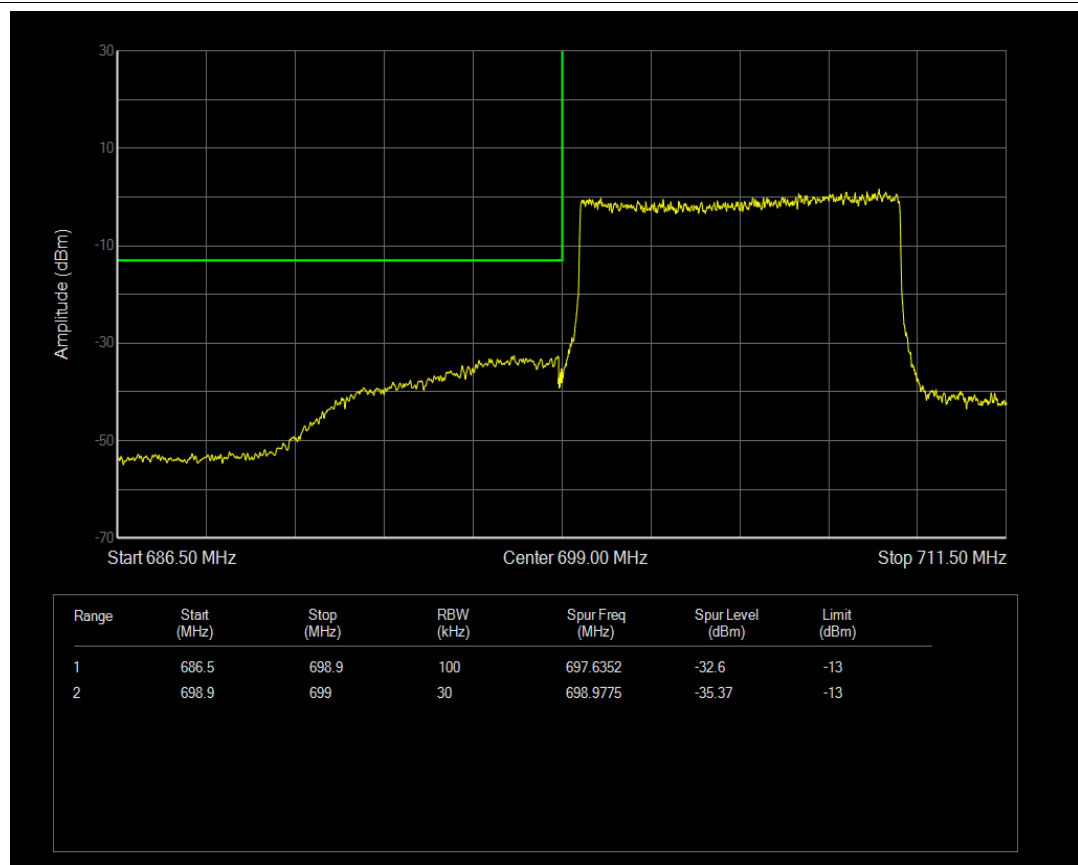
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



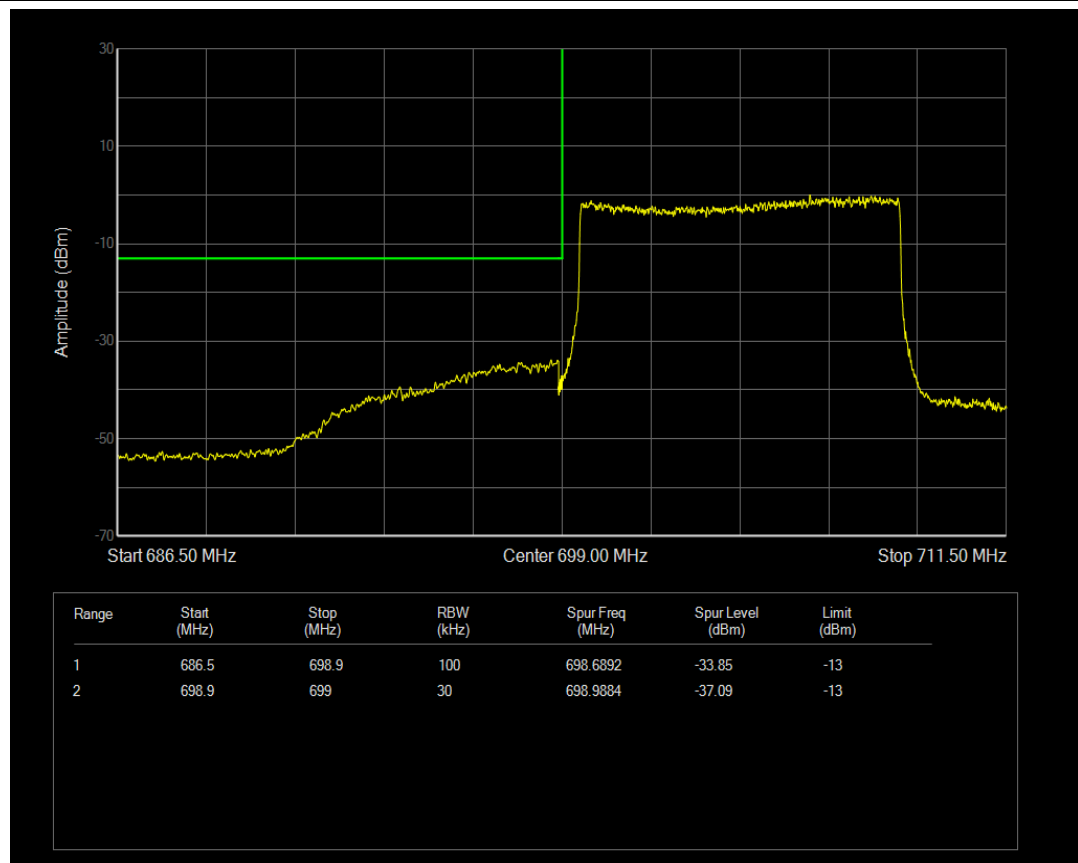
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0101	-35.19	-13
2	716.1	726	100	716.1099	-35.83	-13

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



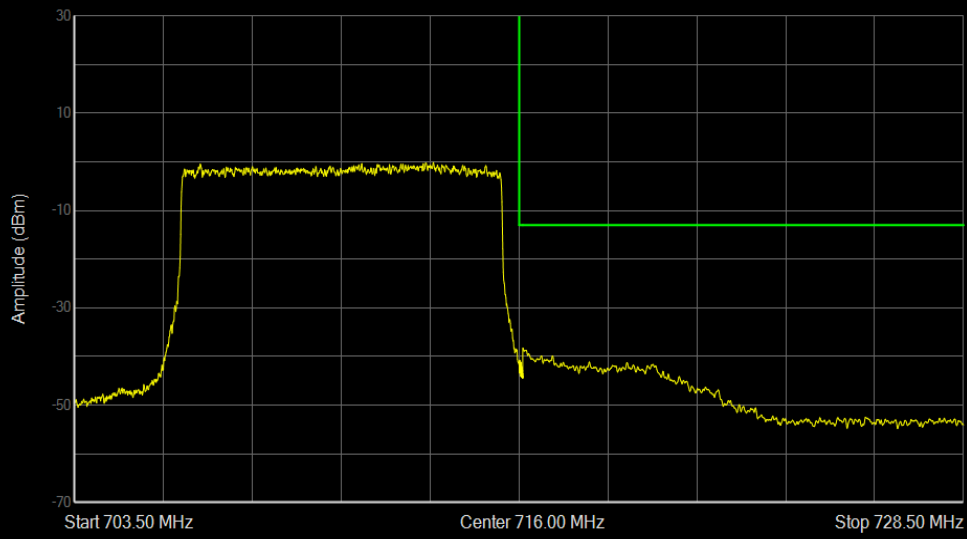


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



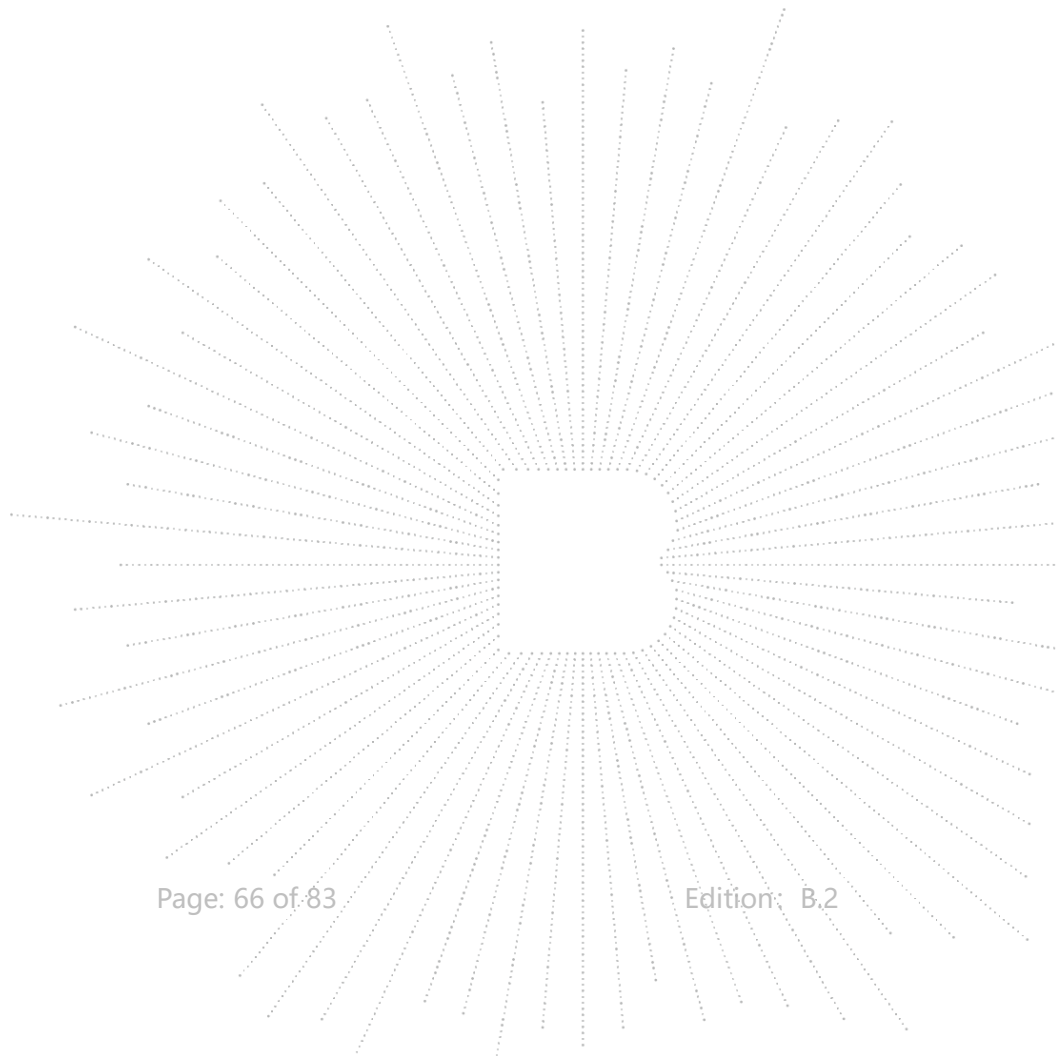
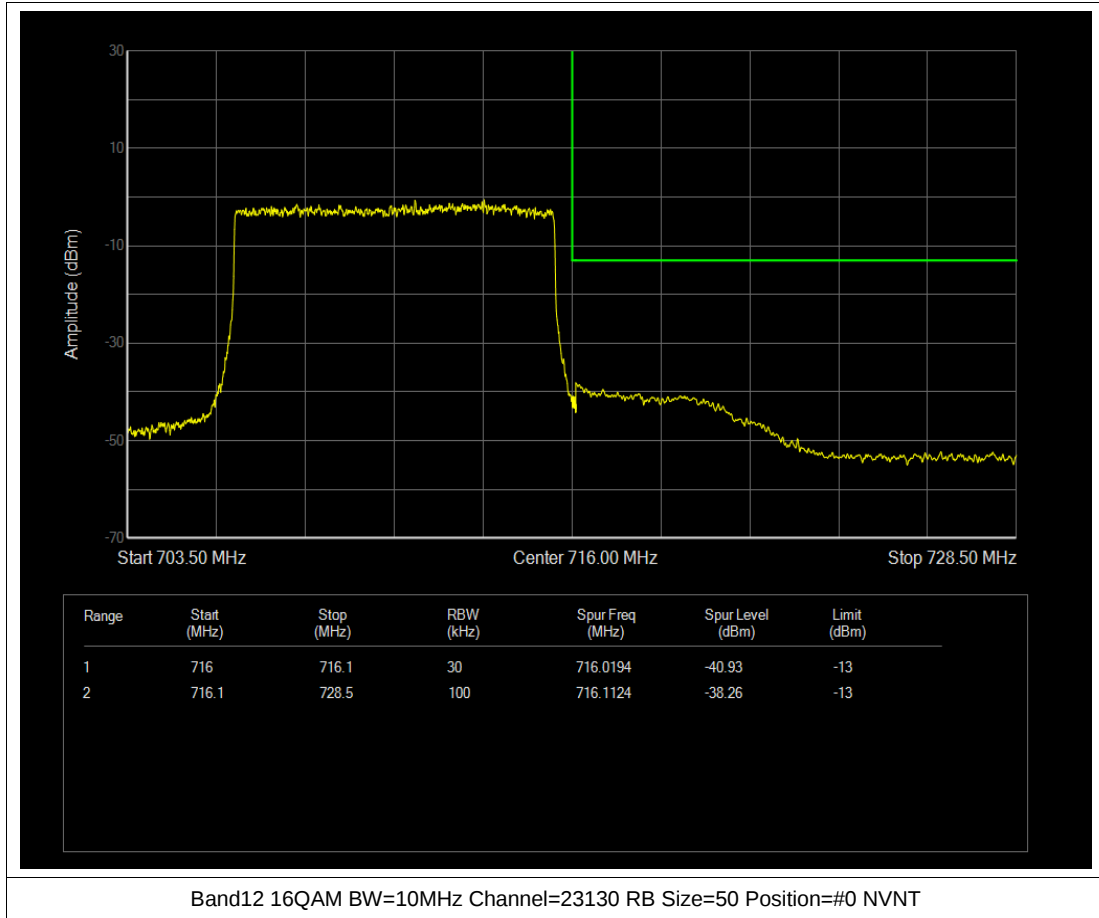


Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



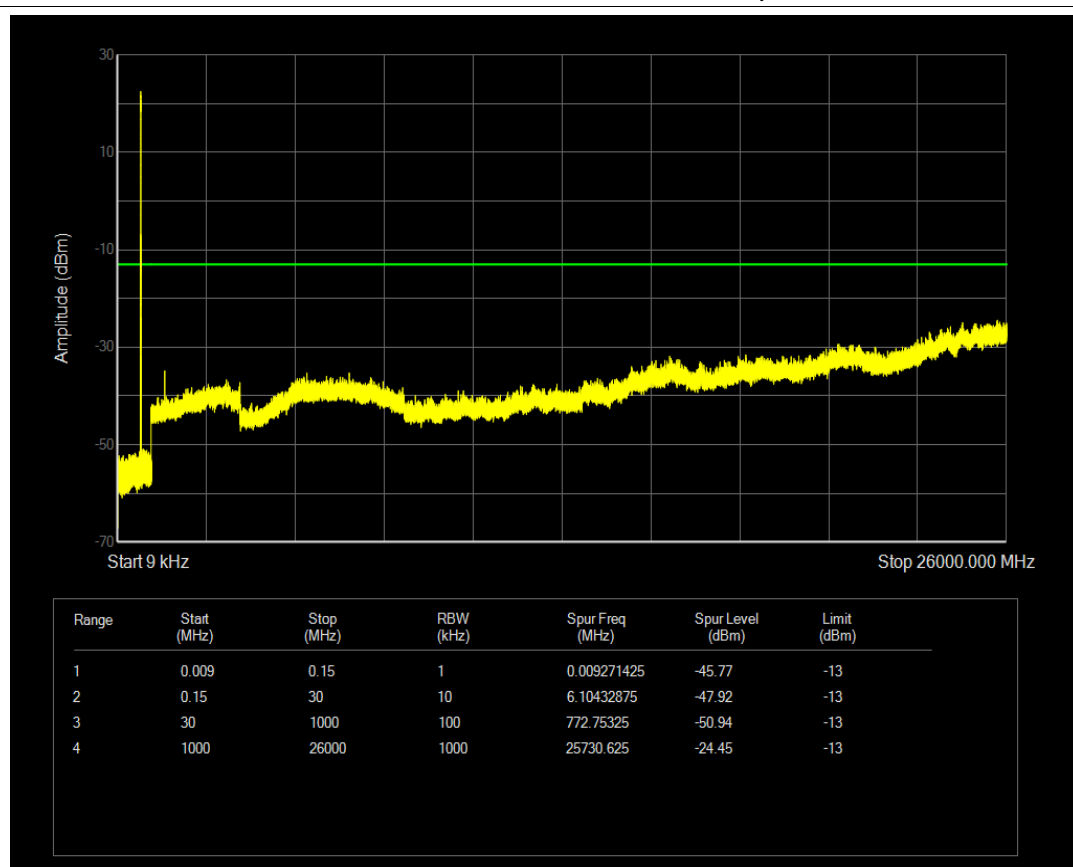
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0132	-40.87	-13
2	716.1	728.5	100	716.1124	-38.34	-13

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

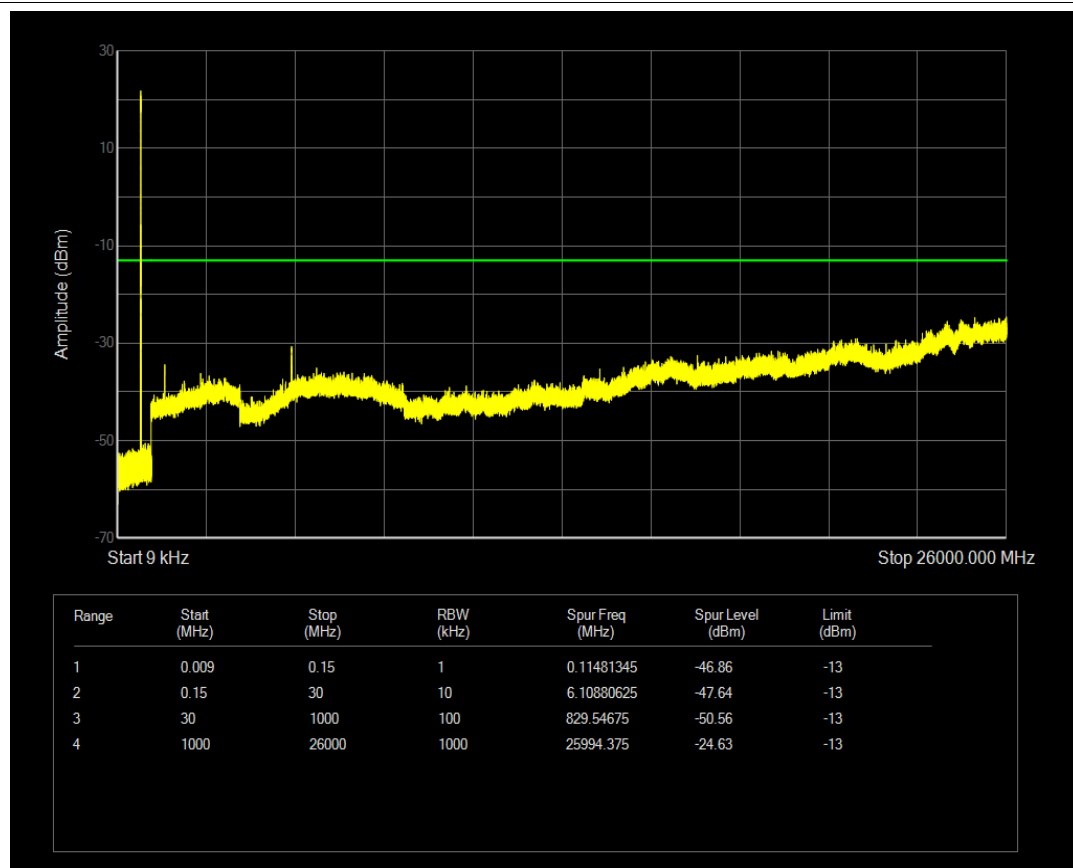


Appendix 6.Out-of-band emissions

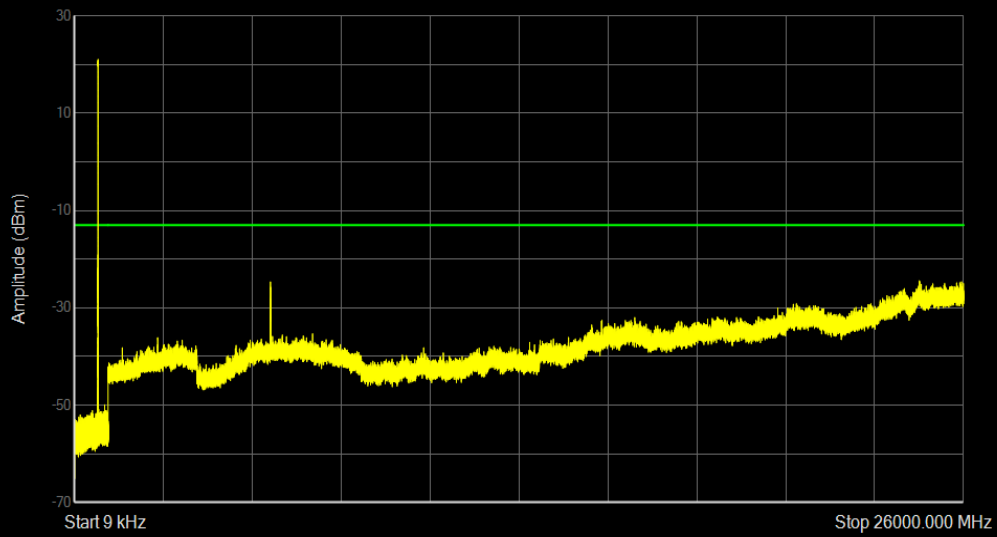
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band12	1.4	23017	6	#0	QPSK	25730.63	-24.45	-13	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	25994.38	-24.63	-13	PASS
NVNT	Band12	1.4	23095	6	#0	QPSK	24710.00	-24.44	-13	PASS
NVNT	Band12	1.4	23095	6	#0	16QAM	25734.38	-24.23	-13	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	25563.75	-24.03	-13	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	24758.75	-24.04	-13	PASS
NVNT	Band12	3	23025	15	#0	QPSK	25341.88	-24.65	-13	PASS
NVNT	Band12	3	23025	15	#0	16QAM	25796.88	-24.62	-13	PASS
NVNT	Band12	3	23095	15	#0	QPSK	25998.13	-24.27	-13	PASS
NVNT	Band12	3	23095	15	#0	16QAM	25616.88	-24.08	-13	PASS
NVNT	Band12	3	23165	15	#0	QPSK	25064.38	-23.79	-13	PASS
NVNT	Band12	3	23165	15	#0	16QAM	25565.00	-23.54	-13	PASS
NVNT	Band12	5	23035	25	#0	QPSK	25762.50	-24.78	-13	PASS
NVNT	Band12	5	23035	25	#0	16QAM	25575.00	-23.80	-13	PASS
NVNT	Band12	5	23095	25	#0	QPSK	24595.63	-24.47	-13	PASS
NVNT	Band12	5	23095	25	#0	16QAM	25701.88	-24.07	-13	PASS
NVNT	Band12	5	23155	25	#0	QPSK	25371.25	-24.51	-13	PASS
NVNT	Band12	5	23155	25	#0	16QAM	24965.63	-24.69	-13	PASS
NVNT	Band12	10	23060	50	#0	QPSK	25525.00	-24.29	-13	PASS
NVNT	Band12	10	23060	50	#0	16QAM	25731.88	-24.25	-13	PASS
NVNT	Band12	10	23095	50	#0	QPSK	25981.25	-24.45	-13	PASS
NVNT	Band12	10	23095	50	#0	16QAM	25706.88	-24.28	-13	PASS
NVNT	Band12	10	23130	50	#0	QPSK	25935.63	-23.85	-13	PASS
NVNT	Band12	10	23130	50	#0	16QAM	25880.63	-24.03	-13	PASS



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

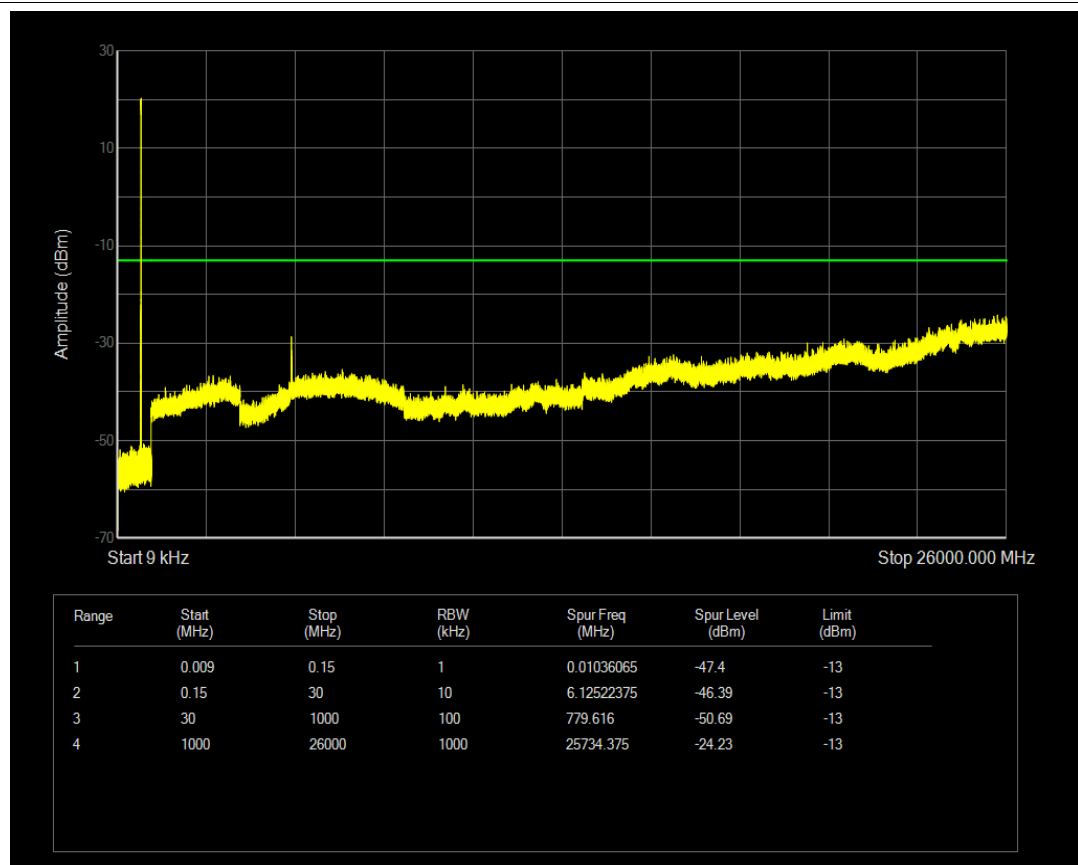


Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

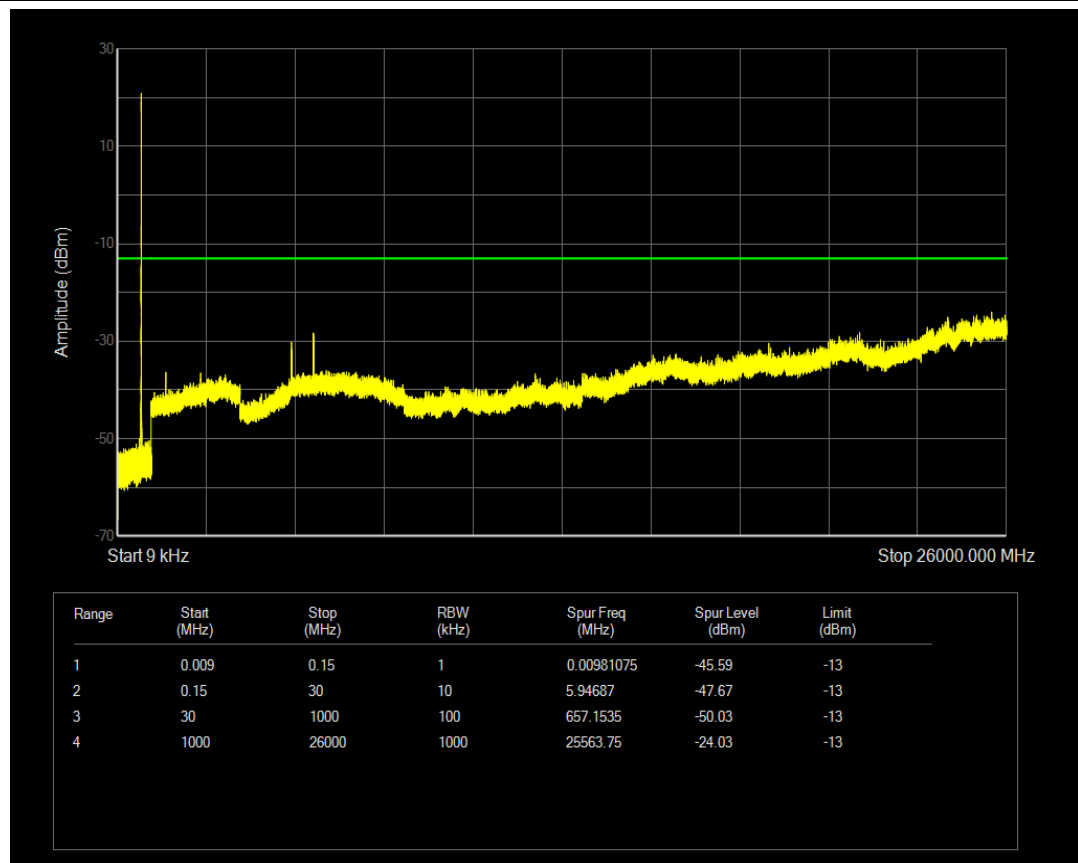


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010723725	-45.68	-13
2	0.15	30	10	6.10582125	-47.48	-13
3	30	1000	100	898.85325	-49.92	-13
4	1000	26000	1000	24710	-24.44	-13

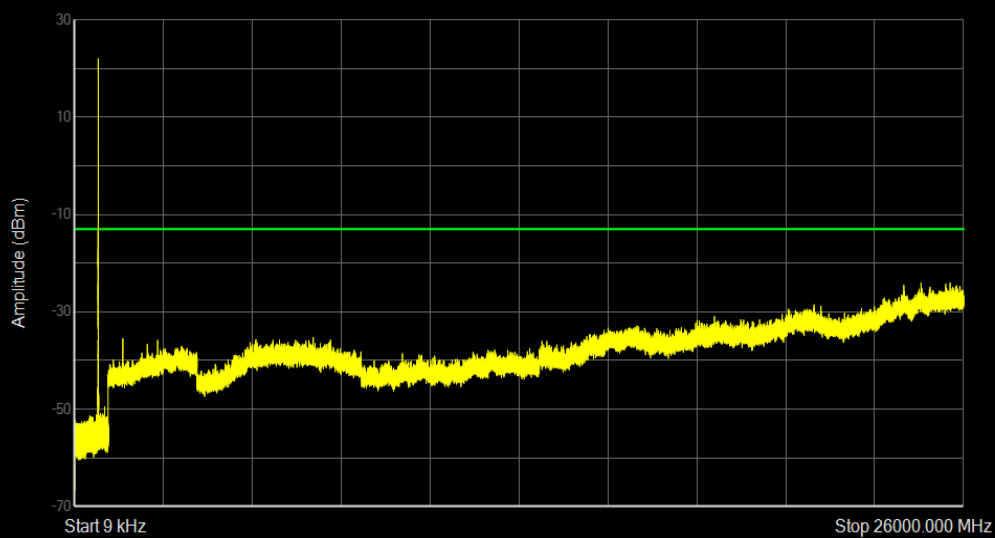
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT



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

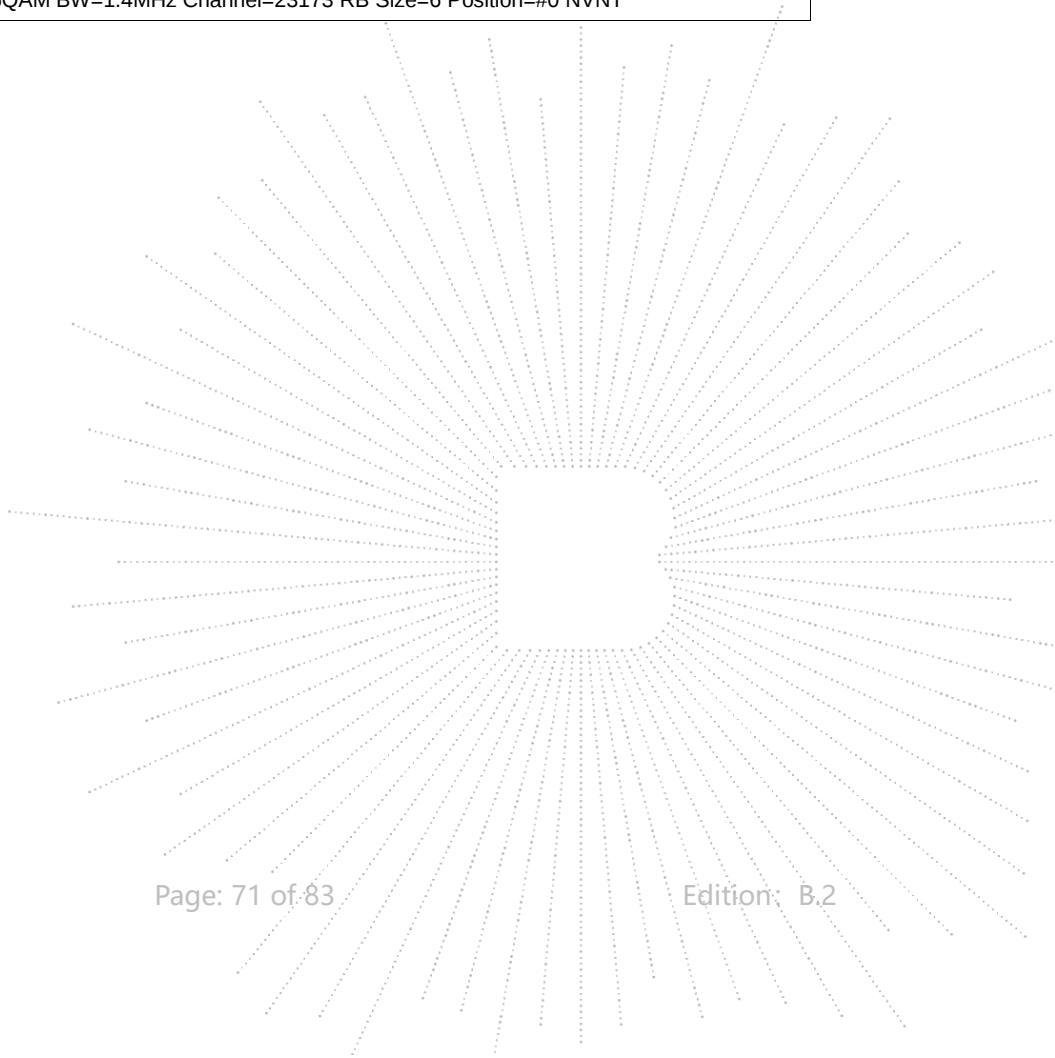


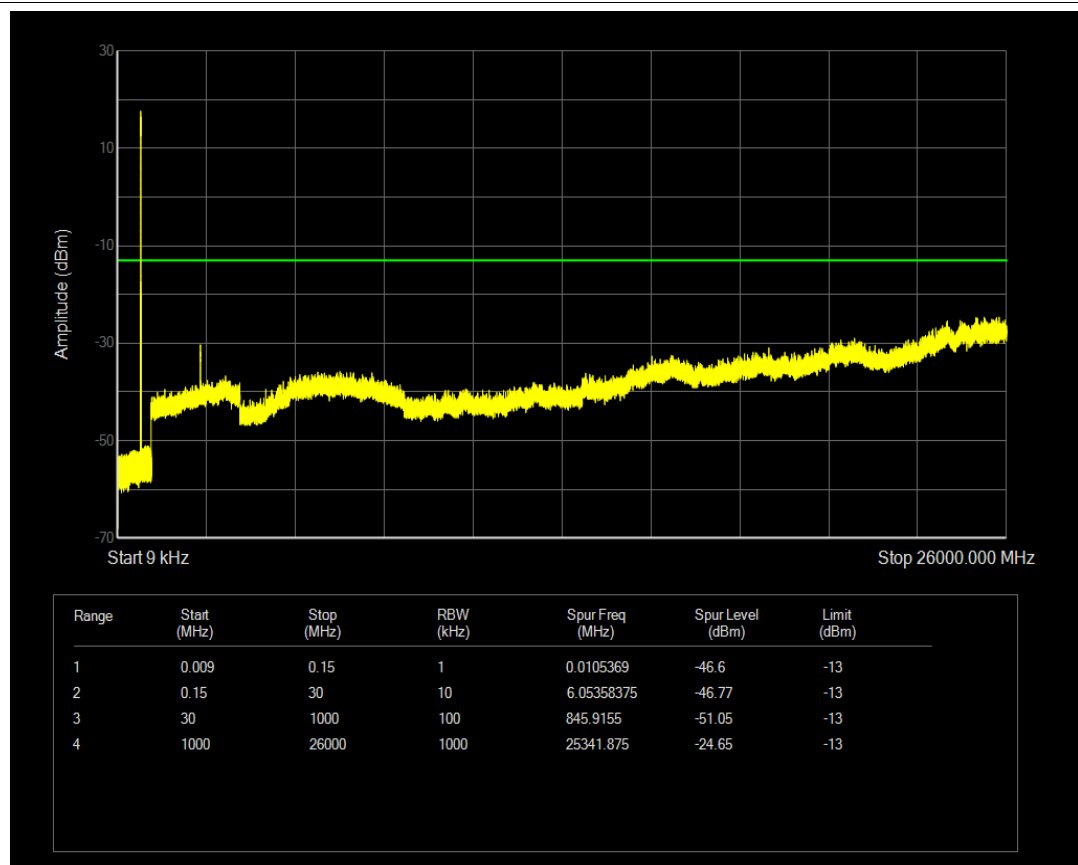
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



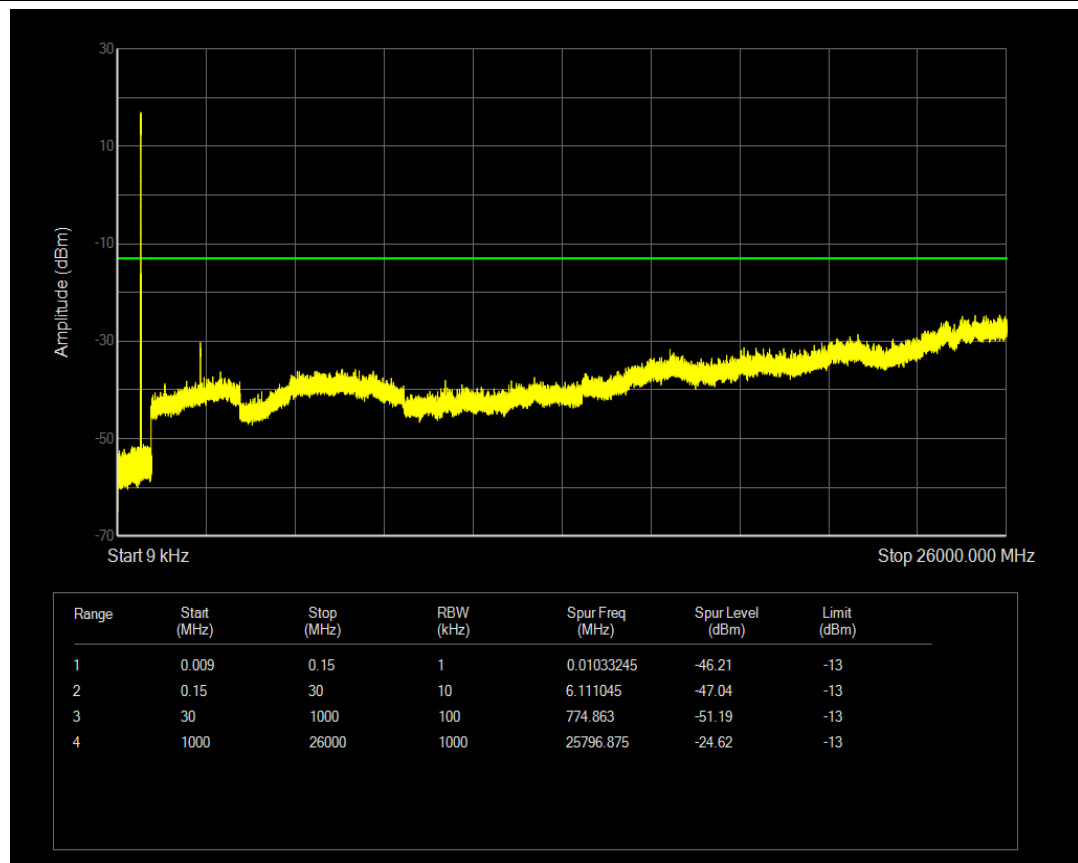
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096063	-45.98	-13
2	0.15	30	10	6.122985	-47.6	-13
3	30	1000	100	900.01725	-49.5	-13
4	1000	26000	1000	24758.75	-24.04	-13

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

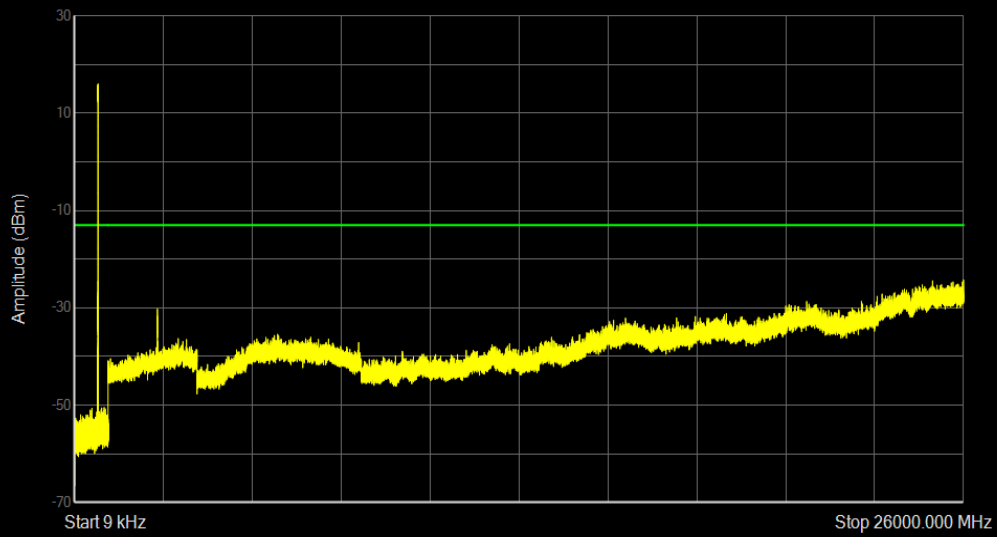




Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT

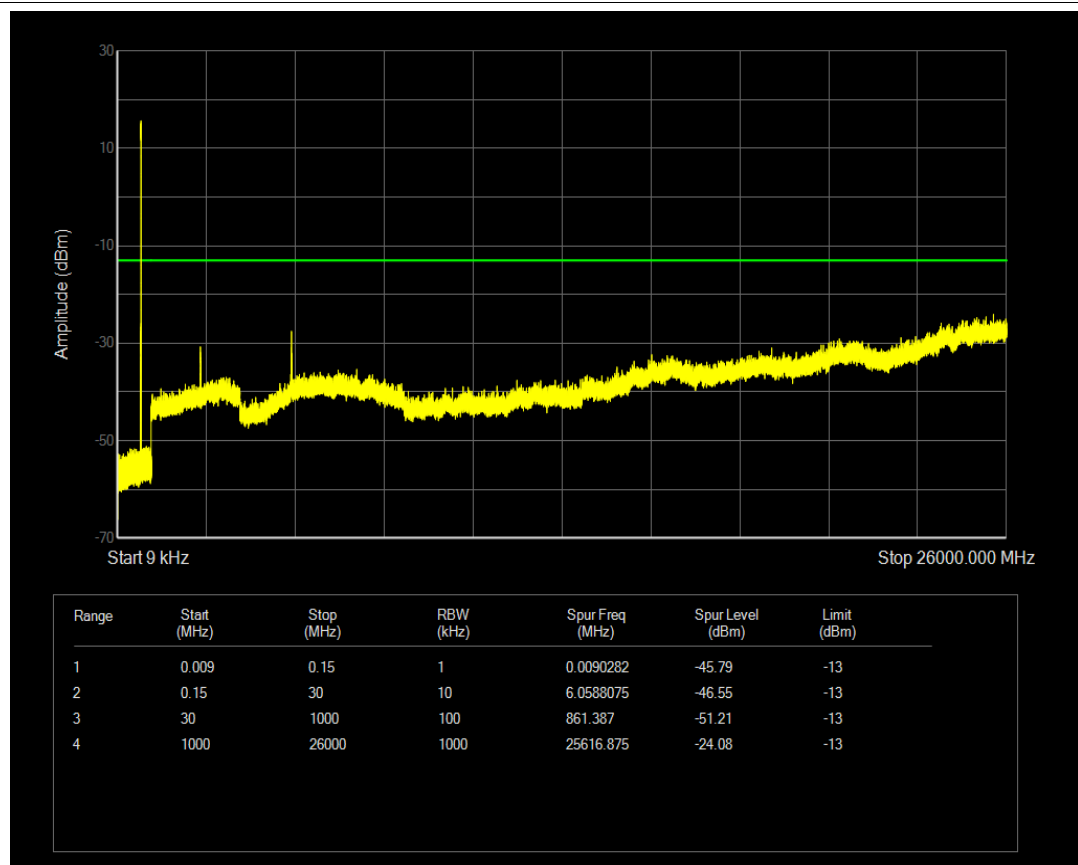


Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT

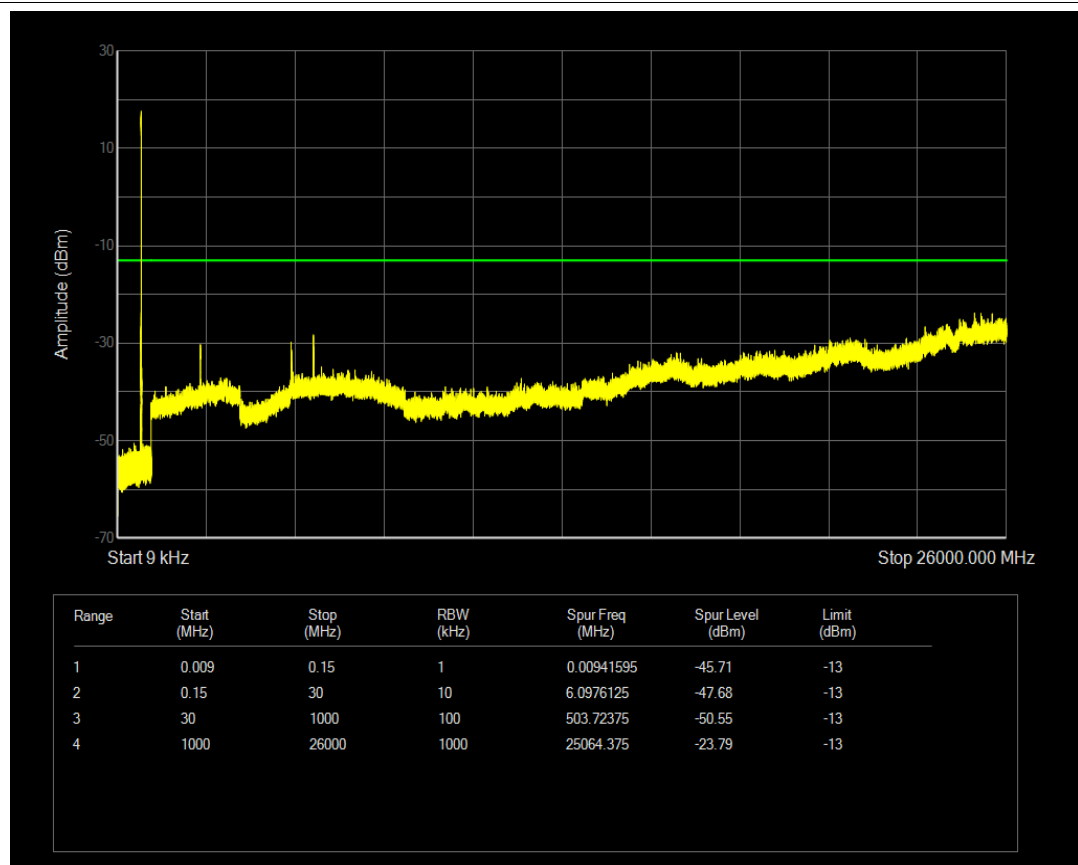


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009095175	-45.94	-13
2	0.15	30	10	6.0826875	-48.14	-13
3	30	1000	100	885.734	-50.51	-13
4	1000	26000	1000	25998.125	-24.27	-13

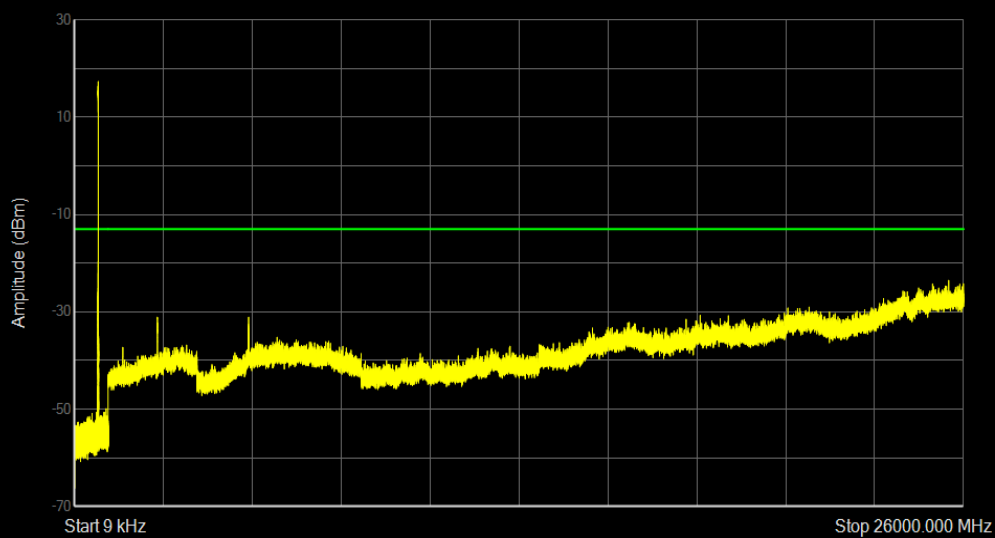
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT



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

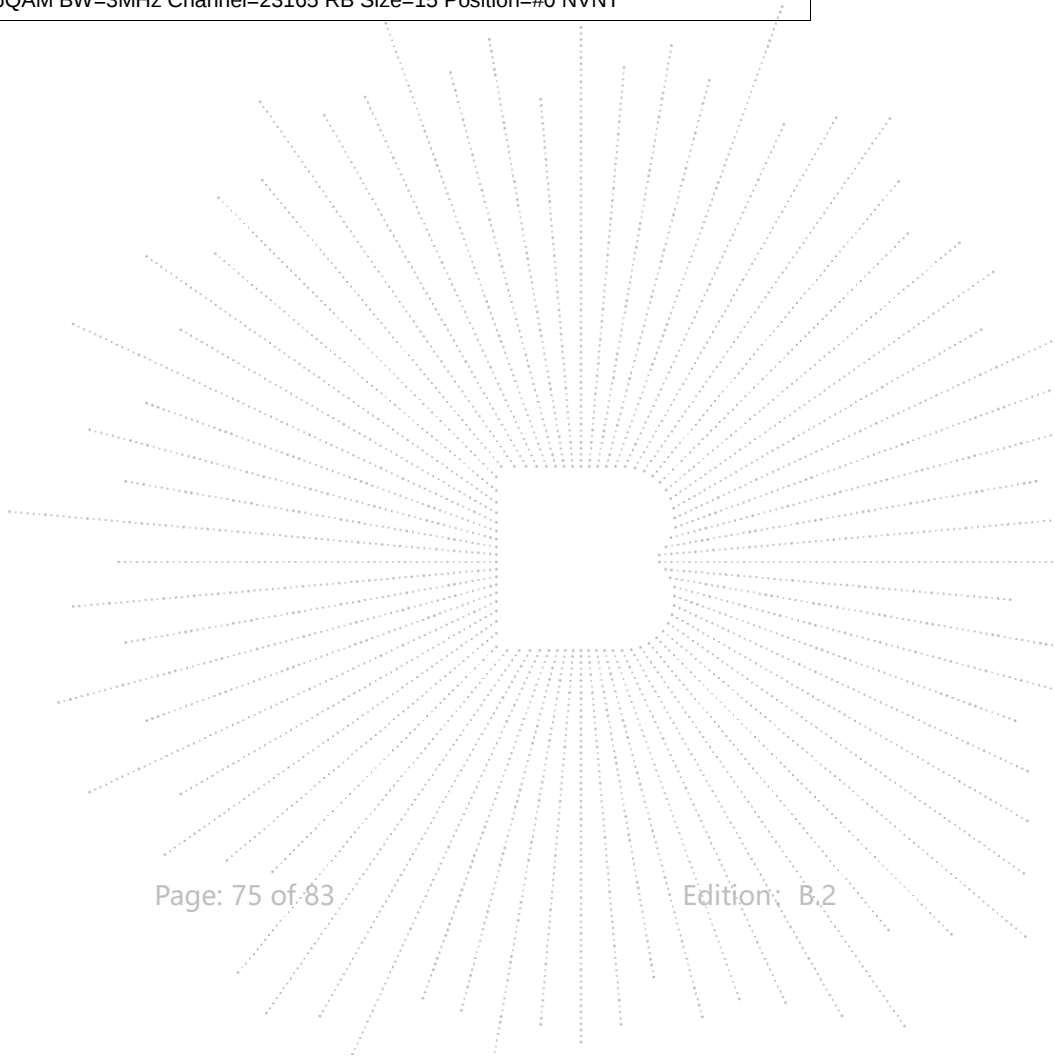


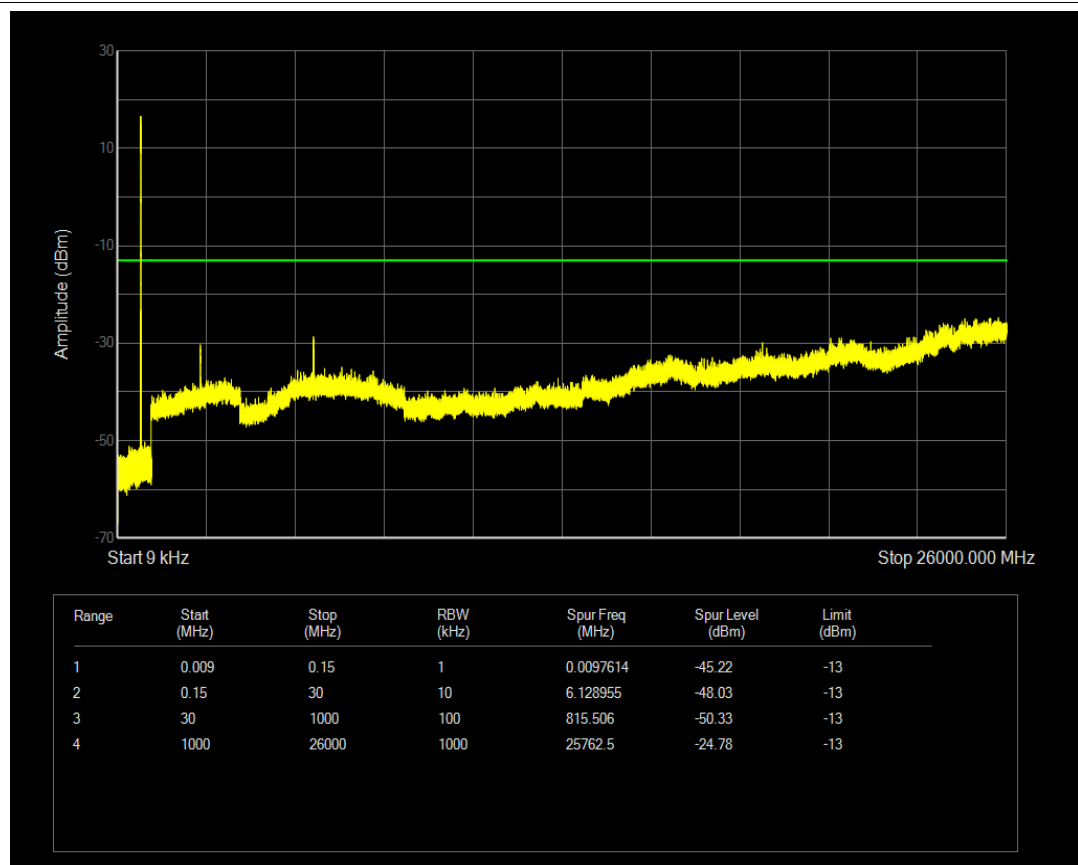
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



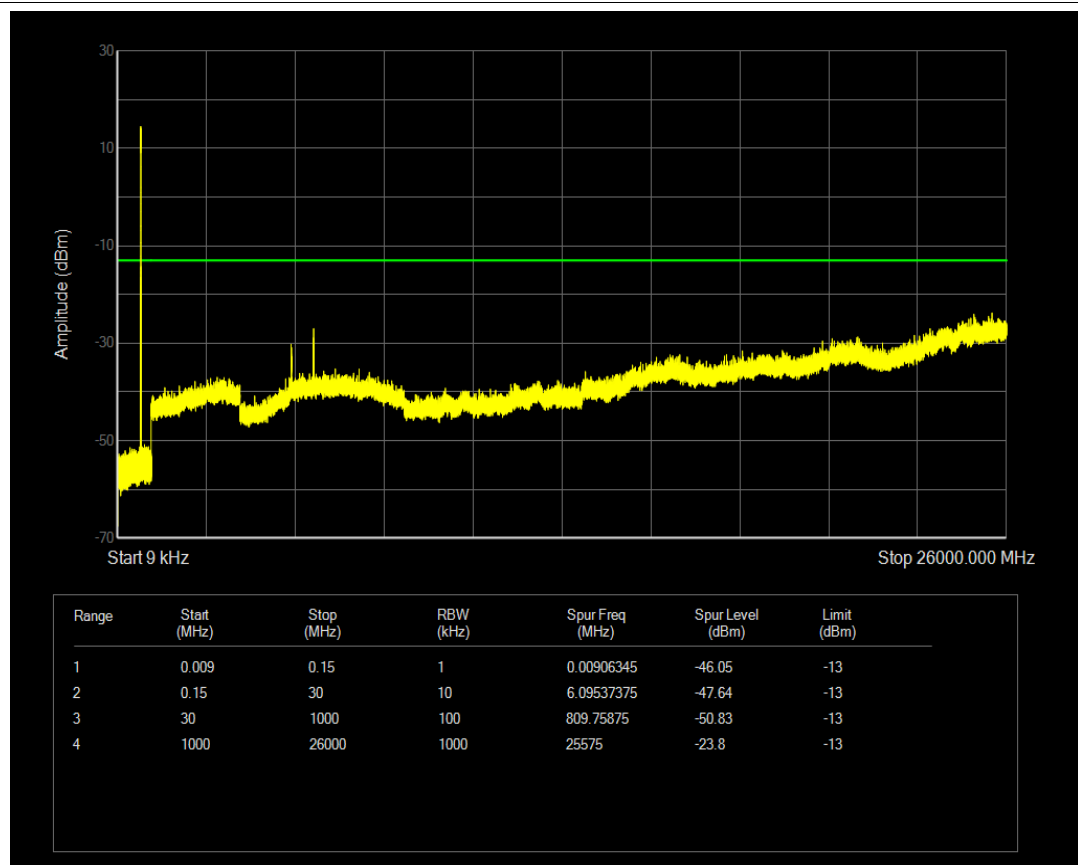
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009292575	-46.03	-13
2	0.15	30	10	6.09985125	-46.76	-13
3	30	1000	100	942.188	-49.89	-13
4	1000	26000	1000	25565	-23.54	-13

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

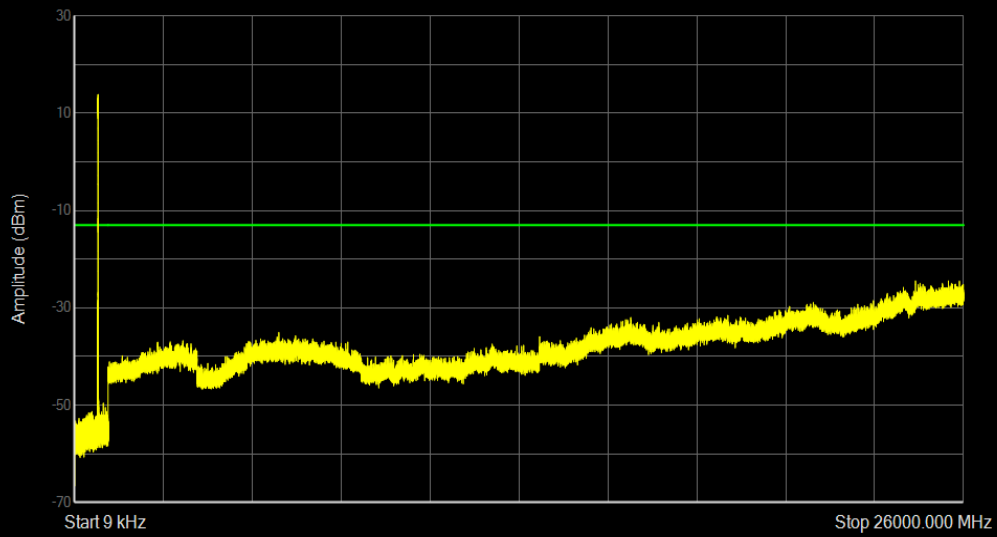




Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT

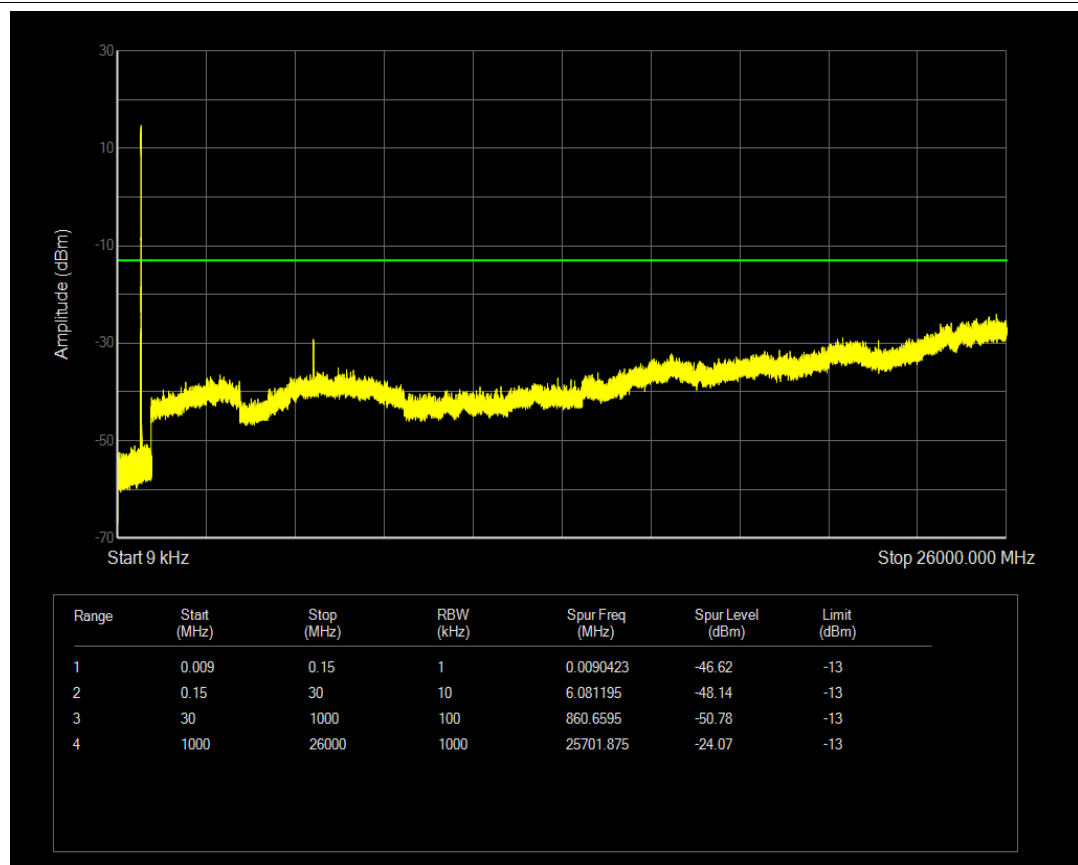


Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT

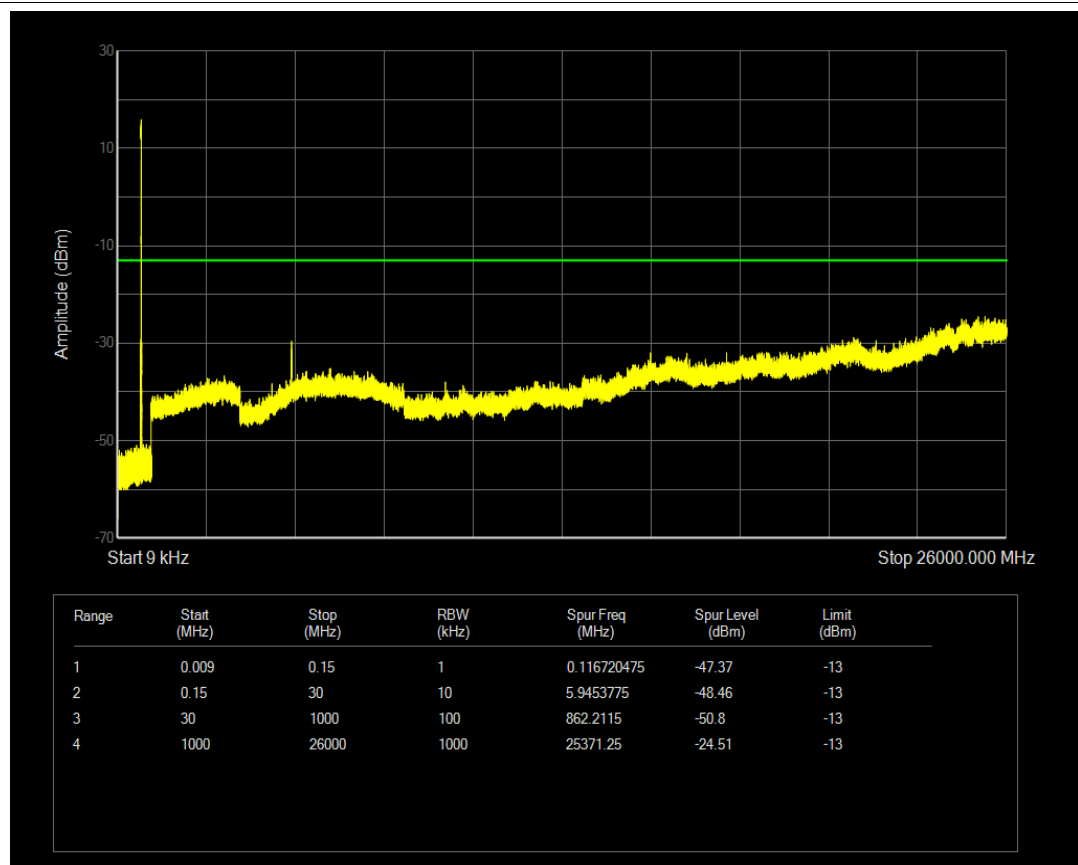


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009701475	-44.8	-13
2	0.15	30	10	6.09985125	-47.69	-13
3	30	1000	100	860.902	-49.61	-13
4	1000	26000	1000	24595.625	-24.47	-13

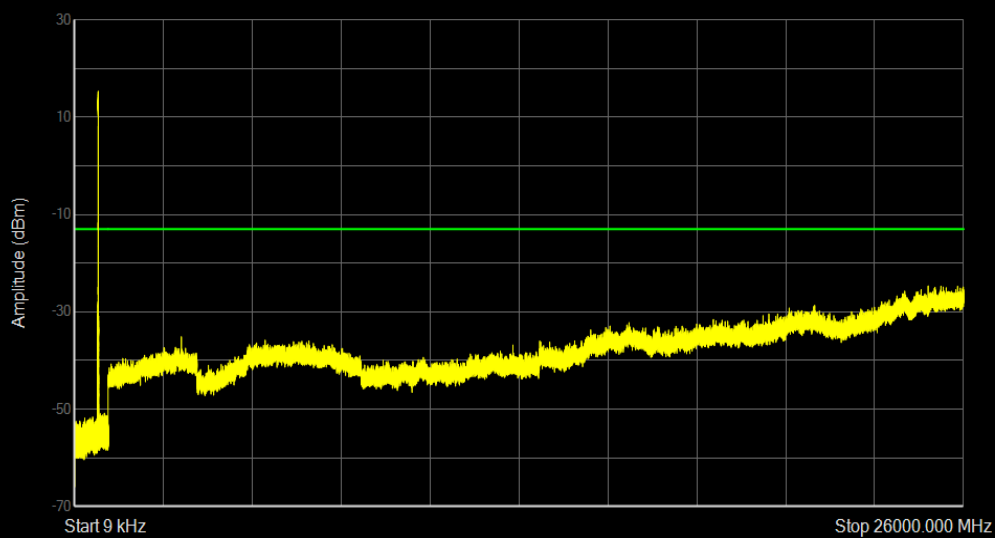
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT



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

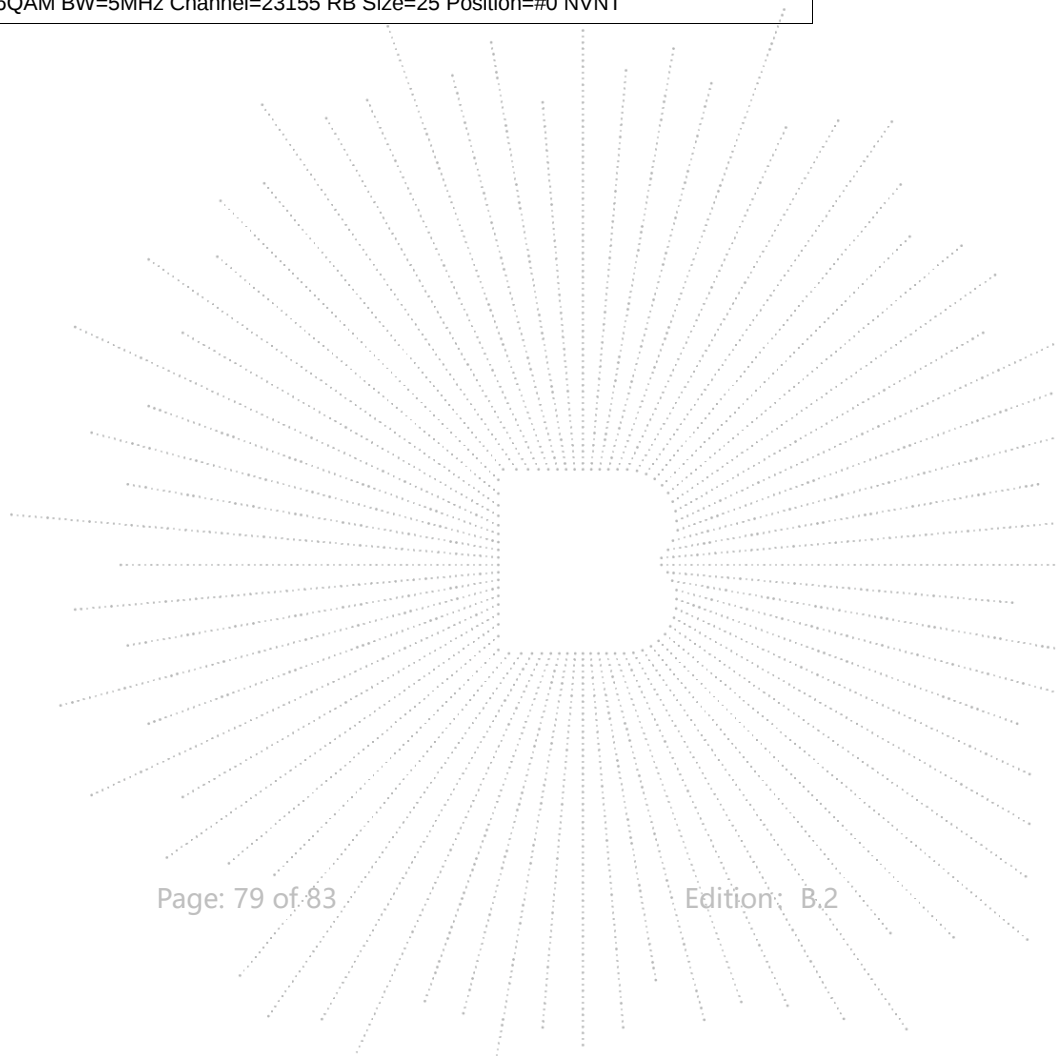


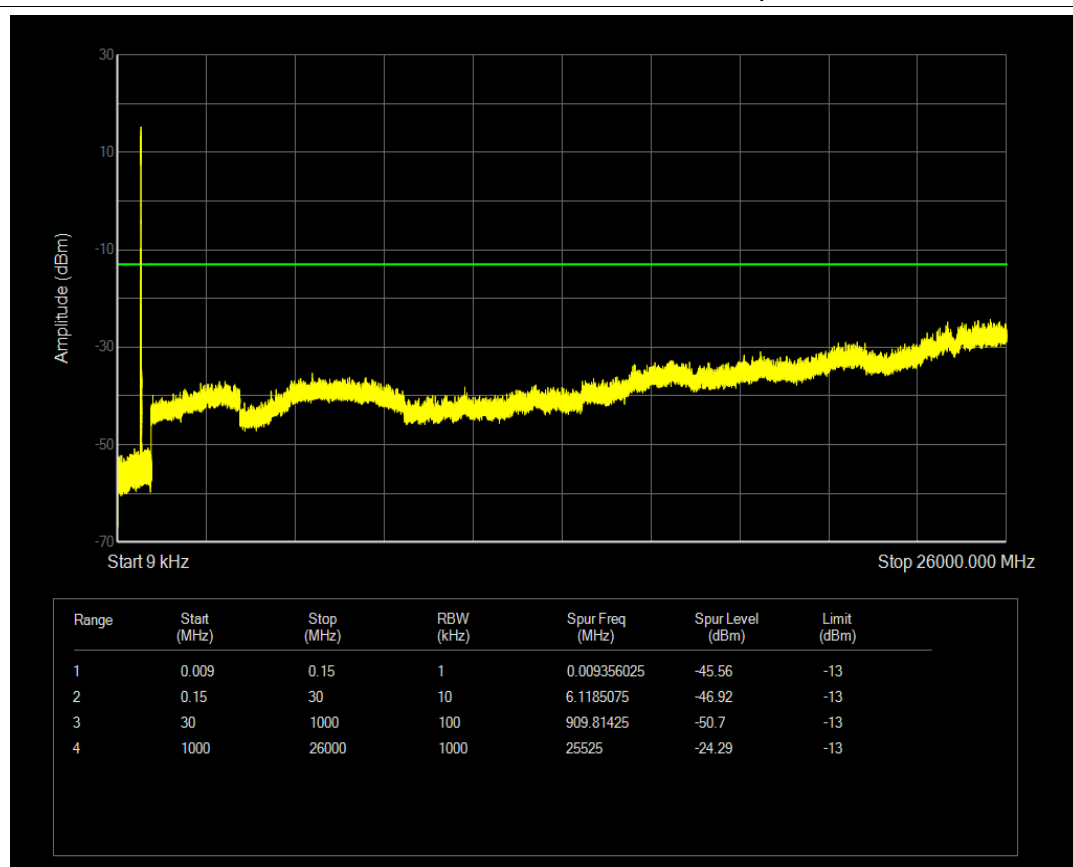
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



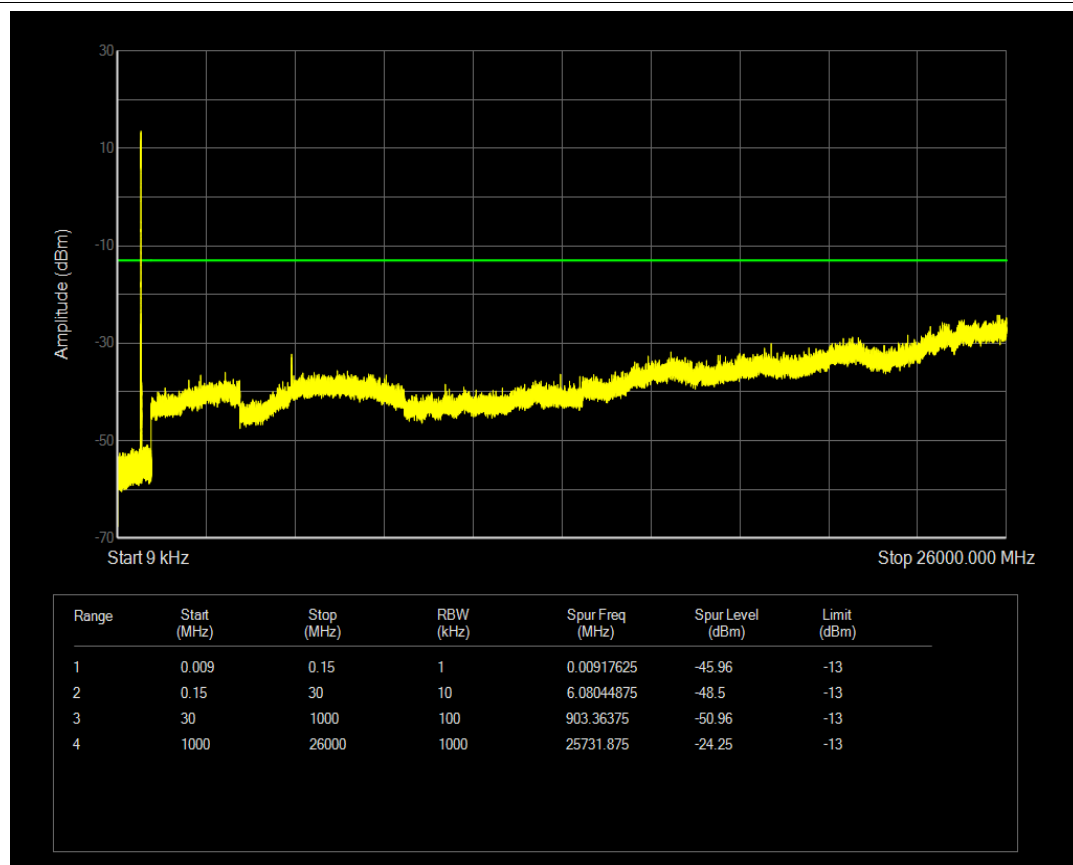
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009588675	-47.06	-13
2	0.15	30	10	0.15223875	-48.86	-13
3	30	1000	100	891.38425	-50.84	-13
4	1000	26000	1000	24965.625	-24.69	-13

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

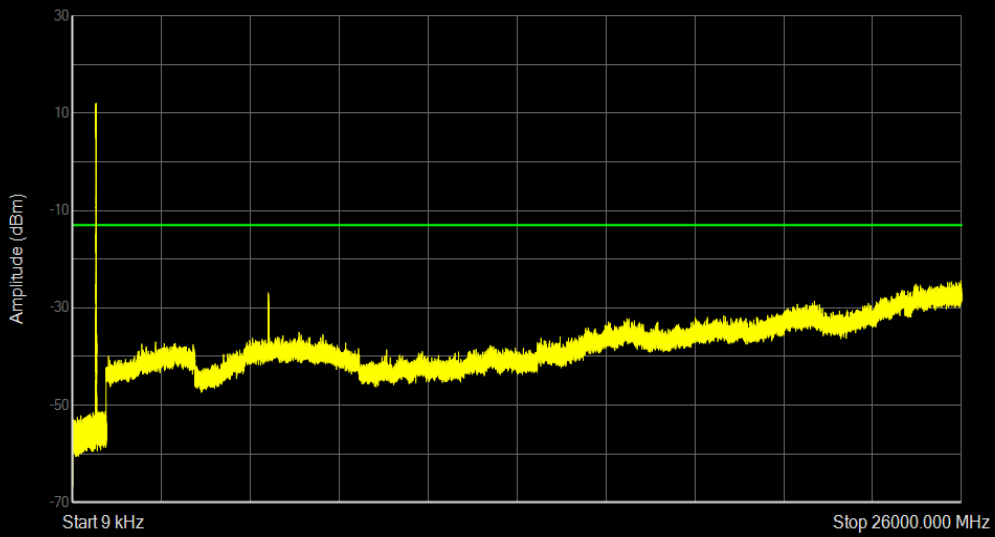




Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT

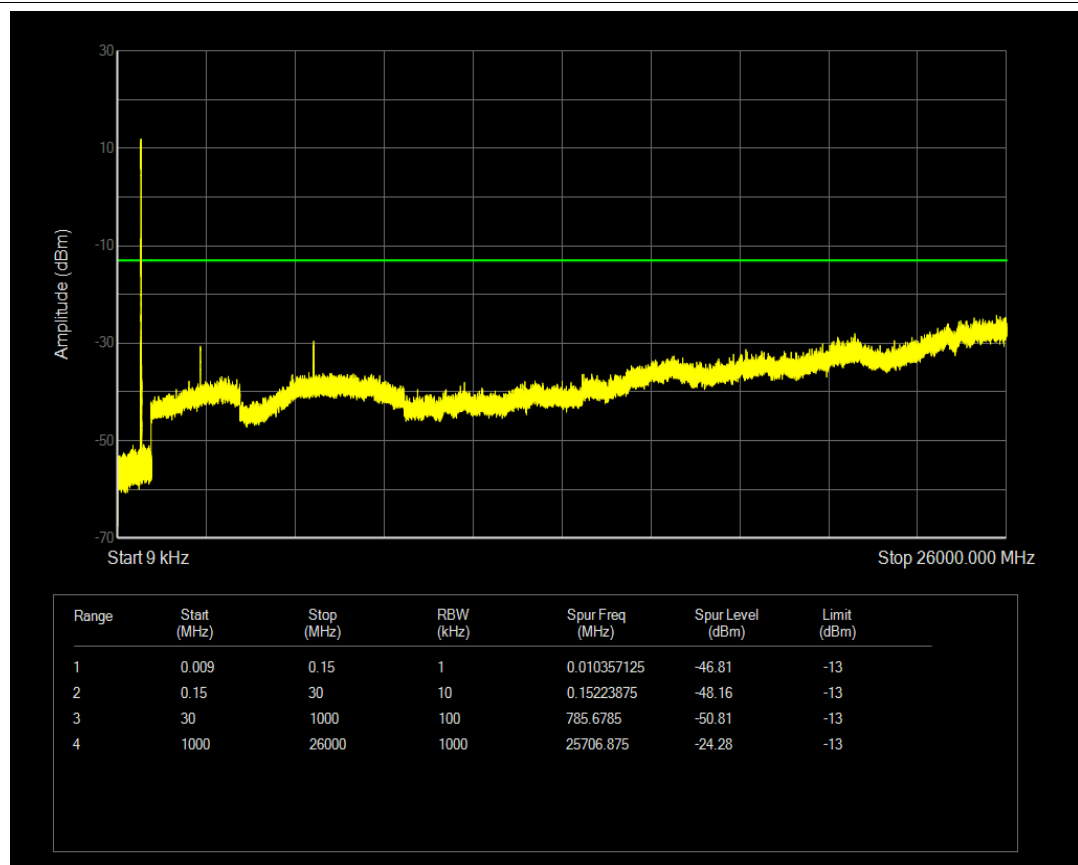


Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT

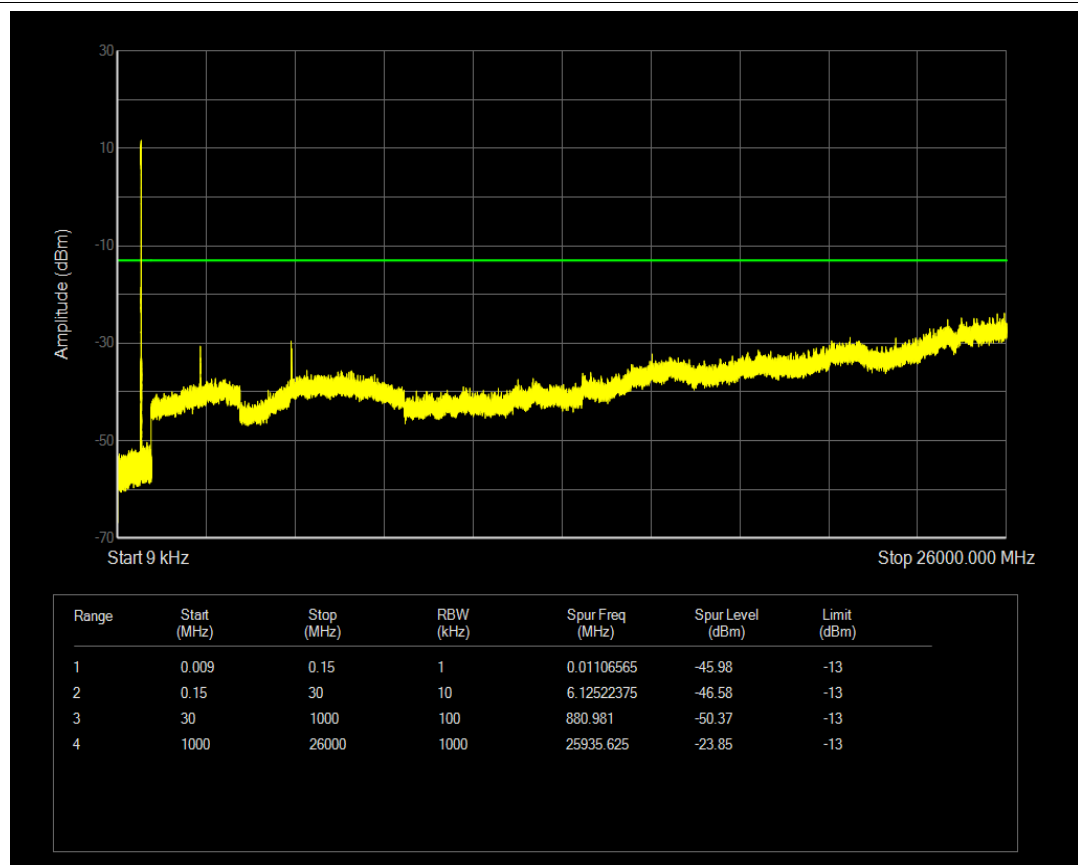


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009031725	-45.25	-13
2	0.15	30	10	6.10582125	-47.25	-13
3	30	1000	100	979.4845	-51.25	-13
4	1000	26000	1000	25981.25	-24.45	-13

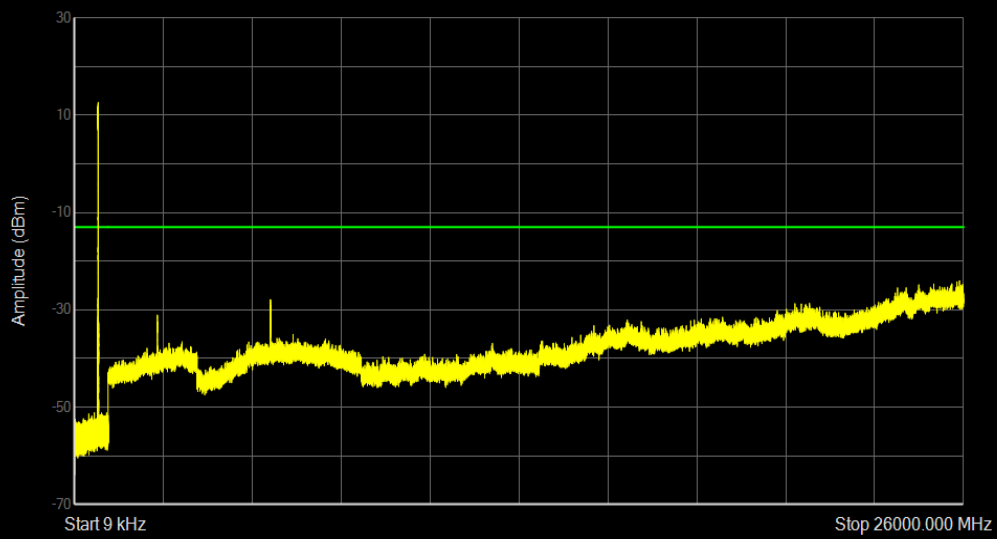
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT



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



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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009997575	-45.91	-13
2	0.15	30	10	6.134925	-46.36	-13
3	30	1000	100	599.875	-51.17	-13
4	1000	26000	1000	25880.625	-24.03	-13

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

